

## Appendix F. SAR and APD / Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing 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. The separation distance between WWAN Ant 0 and bottom of laptop is more than 20 cm, SAR are not required.
4. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.



### Body SAR Test Result

System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WCDMA II	RMC12.2K	Rear Face	0	9262			Speed	Ant 0	w/o	-	1.00	24.50	23.33	1.31	-0.03	0.117	0.15
	WCDMA II	RMC12.2K	Left Side	0	9262			Speed	Ant 0	w/o	-	1.00	24.50	23.33	1.31	0	<0.001	0.00
	WCDMA II	RMC12.2K	Right Side	0	9262			Speed	Ant 0	w/o	-	1.00	24.50	23.33	1.31	-0.17	0.239	0.31
	WCDMA II	RMC12.2K	Top Side	16	9262			Speed	Ant 0	w/o	-	1.00	24.50	23.33	1.31	0.05	0.311	0.41
	WCDMA II	RMC12.2K	Bottom Side	0	9262			Speed	Ant 0	w/o	-	1.00	24.50	23.33	1.31	0	<0.001	0.00
	WCDMA II	RMC12.2K	Top Side	0	9262			Speed	Ant 0	w/	-	1.00	17.50	17.18	1.08	0.19	0.884	0.95
	WCDMA II	RMC12.2K	Top Side	0	9400			Speed	Ant 0	w/	-	1.00	17.50	17.11	1.09	0.12	0.875	0.95
1	WCDMA II	RMC12.2K	Top Side	0	9538			Speed	Ant 0	w/	-	1.00	17.50	16.92	1.14	-0.03	0.893	1.02
	WCDMA II	RMC12.2K	Top Side	0	9538			WNC	Ant 0	w/	-	1.00	17.50	16.92	1.14	-0.14	0.857	0.98
	WCDMA II	RMC12.2K	Top Side	0	9262			WNC	Ant 0	w/	-	1.00	17.50	17.18	1.08	-0.15	0.847	0.91
	WCDMA II	RMC12.2K	Top Side	0	9400			WNC	Ant 0	w/	-	1.00	17.50	17.11	1.09	0.04	0.843	0.92
	WCDMA II	RMC12.2K	Top Side	0	9538			Auden	Ant 0	w/	-	1.00	17.50	16.92	1.14	-0.11	0.87	0.99
	WCDMA II	RMC12.2K	Top Side	0	9262			Auden	Ant 0	w/	-	1.00	17.50	17.18	1.08	-0.14	0.851	0.92
	WCDMA II	RMC12.2K	Top Side	0	9400			Auden	Ant 0	w/	-	1.00	17.50	17.11	1.09	-0.03	0.865	0.94
	WCDMA II	RMC12.2K	Top Side	0	9538			Speed	Ant 0	w/	-	1.00	17.50	16.92	1.14	0.07	0.879	1.00
	WCDMA IV	RMC12.2K	Rear Face	0	1413			Speed	Ant 0	w/o	-	1.00	24.50	23.68	1.21	-0.13	0.062	0.08
	WCDMA IV	RMC12.2K	Left Side	0	1413			Speed	Ant 0	w/o	-	1.00	24.50	23.68	1.21	0	<0.001	0.00
	WCDMA IV	RMC12.2K	Right Side	0	1413			Speed	Ant 0	w/o	-	1.00	24.50	23.68	1.21	0.08	0.094	0.11
	WCDMA IV	RMC12.2K	Top Side	16	1413			Speed	Ant 0	w/o	-	1.00	24.50	23.68	1.21	-0.17	0.222	0.27
	WCDMA IV	RMC12.2K	Bottom Side	0	1413			Speed	Ant 0	w/o	-	1.00	24.50	23.68	1.21	0	<0.001	0.00
2	WCDMA IV	RMC12.2K	Top Side	0	1413			Speed	Ant 0	w/	-	1.00	18.00	17.34	1.16	0.02	0.871	1.01
	WCDMA IV	RMC12.2K	Top Side	0	1312			Speed	Ant 0	w/	-	1.00	18.00	17.20	1.20	-0.14	0.837	1.00
	WCDMA IV	RMC12.2K	Top Side	0	1513			Speed	Ant 0	w/	-	1.00	18.00	17.29	1.18	-0.03	0.812	0.96
	WCDMA IV	RMC12.2K	Top Side	0	1413			WNC	Ant 0	w/	-	1.00	18.00	17.34	1.16	0.07	0.84	0.97
	WCDMA IV	RMC12.2K	Top Side	0	1312			WNC	Ant 0	w/	-	1.00	18.00	17.20	1.20	0.06	0.832	1.00
	WCDMA IV	RMC12.2K	Top Side	0	1513			WNC	Ant 0	w/	-	1.00	18.00	17.29	1.18	0.04	0.826	0.97
	WCDMA IV	RMC12.2K	Top Side	0	1413			Auden	Ant 0	w/	-	1.00	18.00	17.34	1.16	-0.1	0.829	0.96
	WCDMA IV	RMC12.2K	Top Side	0	1312			Auden	Ant 0	w/	-	1.00	18.00	17.20	1.20	-0.03	0.817	0.98
	WCDMA IV	RMC12.2K	Top Side	0	1513			Auden	Ant 0	w/	-	1.00	18.00	17.29	1.18	0.02	0.821	0.97
	WCDMA IV	RMC12.2K	Top Side	0	1413			Speed	Ant 0	w/	-	1.00	18.00	17.34	1.16	0.04	0.858	1.00



**Body SAR Test Result**

System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WCDMA V	RMC12.2K	Rear Face	0	4182			Speed	Ant 0	w/o	-	1.00	24.50	23.58	1.24	-0.13	0.081	0.10
	WCDMA V	RMC12.2K	Left Side	0	4182			Speed	Ant 0	w/o	-	1.00	24.50	23.58	1.24	0	<0.001	0.00
	WCDMA V	RMC12.2K	Right Side	0	4182			Speed	Ant 0	w/o	-	1.00	24.50	23.58	1.24	0.11	0.154	0.19
	WCDMA V	RMC12.2K	Top Side	16	4182			Speed	Ant 0	w/o	-	1.00	24.50	23.58	1.24	0.13	0.112	0.14
	WCDMA V	RMC12.2K	Bottom Side	0	4182			Speed	Ant 0	w/o	-	1.00	24.50	23.58	1.24	0	<0.001	0.00
	WCDMA V	RMC12.2K	Top Side	0	4182			Speed	Ant 0	w/	-	1.00	22.00	21.08	1.24	0.13	0.067	0.08
	WCDMA V	RMC12.2K	Top Side	0	4132			Speed	Ant 0	w/	-	1.00	22.00	21.02	1.25	-0.06	0.516	0.65
3	WCDMA V	RMC12.2K	Top Side	0	4233			Speed	Ant 0	w/	-	1.00	22.00	20.89	1.29	0.12	0.551	0.71
	WCDMA V	RMC12.2K	Top Side	0	4233			WNC	Ant 0	w/	-	1.00	22.00	20.89	1.29	-0.12	0.54	0.70
	WCDMA V	RMC12.2K	Top Side	0	4233			Auden	Ant 0	w/	-	1.00	22.00	20.89	1.29	-0.17	0.534	0.69
	LTE 7	QPSK20M	Rear Face	0	21350	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0.01	0.104	0.09
	LTE 7	QPSK20M	Left Side	0	21350	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0	0	0.00
	LTE 7	QPSK20M	Right Side	0	21350	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	-0.12	0.797	0.66
	LTE 7	QPSK20M	Top Side	16	21350	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0.11	0.159	0.14
	LTE 7	QPSK20M	Bottom Side	0	21350	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0	0	0.00
	LTE 7	QPSK20M	Rear Face	0	21350	50	0	Speed	Ant 0	w/o	-	1.00	23.00	22.11	1.23	0.01	0.084	0.07
	LTE 7	QPSK20M	Left Side	0	21350	50	0	Speed	Ant 0	w/o	-	1.00	23.00	22.11	1.23	0	0	0.00
	LTE 7	QPSK20M	Right Side	0	21350	50	0	Speed	Ant 0	w/o	-	1.00	23.00	22.11	1.23	0.11	0.664	0.54
	LTE 7	QPSK20M	Top Side	16	21350	50	0	Speed	Ant 0	w/o	-	1.00	23.00	22.11	1.23	-0.06	0.099	0.10
	LTE 7	QPSK20M	Bottom Side	0	21350	50	0	Speed	Ant 0	w/o	-	1.00	23.00	22.11	1.23	0	0.001	0.00
4	LTE 7	QPSK20M	Top Side	0	21350	1	0	Speed	Ant 0	w/	-	1.00	20.00	19.78	1.05	0.01	0.656	0.69
	LTE 7	QPSK20M	Top Side	0	21350	50	0	Speed	Ant 0	w/	-	1.00	19.00	18.72	1.07	-0.19	0.545	0.58
	LTE 7	QPSK20M	Top Side	0	20850	1	0	Speed	Ant 0	w/	-	1.00	20.00	19.40	1.15	-0.11	0.696	0.66
	LTE 7	QPSK20M	Top Side	0	21100	1	0	Speed	Ant 0	w/	-	1.00	20.00	19.73	1.06	-0.17	0.733	0.66
	LTE 7	QPSK20M	Top Side	0	21350	1	0	WNC	Ant 0	w/	-	1.00	20.00	19.78	1.05	0.15	0.795	0.67
	LTE 7	QPSK20M	Top Side	0	21350	1	0	Auden	Ant 0	w/	-	1.00	20.00	19.78	1.05	-0.09	0.806	0.66



### Body SAR Test Result

Body SAR Test Result																		
System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 12	QPSK10M	Rear Face	0	23130	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 12	QPSK10M	Left Side	0	23130	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	0	23130	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	-0.02	0.021	0.03
	LTE 12	QPSK10M	Top Side	16	23130	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	-0.12	0.028	0.04
	LTE 12	QPSK10M	Bottom Side	0	23130	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	0	23130	25	0	Speed	Ant 0	w/o	-	1.00	23.50	22.12	1.37	0	<0.001	0.00
	LTE 12	QPSK10M	Left Side	0	23130	25	0	Speed	Ant 0	w/o	-	1.00	23.50	22.12	1.37	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	0	23130	25	0	Speed	Ant 0	w/o	-	1.00	23.50	22.12	1.37	-0.19	0.019	0.03
	LTE 12	QPSK10M	Top Side	16	23130	25	0	Speed	Ant 0	w/o	-	1.00	23.50	22.12	1.37	0.15	0.025	0.03
	LTE 12	QPSK10M	Bottom Side	0	23130	25	0	Speed	Ant 0	w/o	-	1.00	23.50	22.12	1.37	0	<0.001	0.00
5	LTE 12	QPSK10M	Top Side	0	23130	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.44	1.28	-0.1	0.223	0.29
	LTE 12	QPSK10M	Top Side	0	23130	25	0	Speed	Ant 0	w/	-	1.00	21.50	20.62	1.22	-0.08	0.172	0.21
	LTE 12	QPSK10M	Top Side	0	23060	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.35	1.30	0.13	0.199	0.26
	LTE 12	QPSK10M	Top Side	0	23095	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.39	1.29	-0.14	0.217	0.28
	LTE 12	QPSK10M	Top Side	0	23130	1	0	WNC	Ant 0	w/	-	1.00	22.50	21.44	1.28	-0.01	0.212	0.27
	LTE 12	QPSK10M	Top Side	0	23130	1	0	Auden	Ant 0	w/	-	1.00	22.50	21.44	1.28	-0.11	0.217	0.28
	LTE 13	QPSK10M	Rear Face	0	23230	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.08	1.39	-0.13	0.034	0.05
	LTE 13	QPSK10M	Left Side	0	23230	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.08	1.39	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	0	23230	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.08	1.39	-0.07	0.217	0.30
	LTE 13	QPSK10M	Top Side	16	23230	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.08	1.39	0.08	0.063	0.09
	LTE 13	QPSK10M	Bottom Side	0	23230	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.08	1.39	0	<0.001	0.00
	LTE 13	QPSK10M	Rear Face	0	23230	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	-0.03	0.024	0.03
	LTE 13	QPSK10M	Left Side	0	23230	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	0	23230	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	-0.05	0.125	0.18
	LTE 13	QPSK10M	Top Side	16	23230	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	-0.19	0.054	0.08
	LTE 13	QPSK10M	Bottom Side	0	23230	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	0	<0.001	0.00
6	LTE 13	QPSK10M	Top Side	0	23230	1	0	Speed	Ant 0	w/	-	1.00	22.00	20.61	1.38	-0.02	0.467	0.64
	LTE 13	QPSK10M	Top Side	0	23230	25	0	Speed	Ant 0	w/	-	1.00	21.00	19.63	1.37	-0.11	0.376	0.52
	LTE 13	QPSK10M	Top Side	0	23230	1	0	WNC	Ant 0	w/	-	1.00	22.00	20.61	1.38	0.05	0.462	0.64
	LTE 13	QPSK10M	Top Side	0	23230	1	0	Auden	Ant 0	w/	-	1.00	22.00	20.61	1.38	0.01	0.457	0.63



### Body SAR Test Result

Body SAR Test Result																		
System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 14	QPSK10M	Rear Face	0	23330	1	0	Speed	Ant 0	w/o	-	1.00	24.50	22.91	1.44	0.07	0.035	0.05
	LTE 14	QPSK10M	Left Side	0	23330	1	0	Speed	Ant 0	w/o	-	1.00	24.50	22.91	1.44	-0.07	<0.001	0.00
	LTE 14	QPSK10M	Right Side	0	23330	1	0	Speed	Ant 0	w/o	-	1.00	24.50	22.91	1.44	0	0.248	0.36
	LTE 14	QPSK10M	Top Side	16	23330	1	0	Speed	Ant 0	w/o	-	1.00	24.50	22.91	1.44	-0.16	0.084	0.12
	LTE 14	QPSK10M	Bottom Side	0	23330	1	0	Speed	Ant 0	w/o	-	1.00	24.50	22.91	1.44	0.1	<0.001	0.00
	LTE 14	QPSK10M	Rear Face	0	23330	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	0.11	0.028	0.04
	LTE 14	QPSK10M	Left Side	0	23330	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	0.14	<0.001	0.00
	LTE 14	QPSK10M	Right Side	0	23330	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	-0.14	0.189	0.27
	LTE 14	QPSK10M	Top Side	16	23330	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	0.16	0.064	0.09
	LTE 14	QPSK10M	Bottom Side	0	23330	25	0	Speed	Ant 0	w/o	-	1.00	23.50	21.88	1.45	-0.01	<0.001	0.00
7	LTE 14	QPSK10M	Top Side	0	23330	1	0	Speed	Ant 0	w/	-	1.00	22.00	20.84	1.31	-0.09	0.526	0.69
	LTE 14	QPSK10M	Top Side	0	23330	25	0	Speed	Ant 0	w/	-	1.00	21.00	19.88	1.29	-0.12	0.435	0.56
	LTE 14	QPSK10M	Top Side	0	23330	1	0	WNC	Ant 0	w/	-	1.00	22.00	20.84	1.31	0.03	0.471	0.62
	LTE 14	QPSK10M	Top Side	0	23330	1	0	Auden	Ant 0	w/	-	1.00	22.00	20.84	1.31	-0.09	0.516	0.68
	LTE 25	QPSK20M	Rear Face	0	26365	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	-0.03	0.067	0.09
	LTE 25	QPSK20M	Left Side	0	26365	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	0	26365	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	-0.09	0.139	0.18
	LTE 25	QPSK20M	Top Side	16	26365	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	-0.07	0.213	0.28
	LTE 25	QPSK20M	Bottom Side	0	26365	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	0	26365	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.95	1.27	-0.05	0.053	0.07
	LTE 25	QPSK20M	Left Side	0	26365	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.95	1.27	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	0	26365	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.95	1.27	-0.1	0.1	0.13
	LTE 25	QPSK20M	Top Side	16	26365	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.95	1.27	0.17	0.163	0.21
	LTE 25	QPSK20M	Bottom Side	0	26365	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.95	1.27	0	<0.001	0.00
8	LTE 25	QPSK20M	Top Side	0	26365	1	0	Speed	Ant 0	w/	-	1.00	15.50	15.26	1.06	0.02	0.515	0.55
	LTE 25	QPSK20M	Top Side	0	26365	50	0	Speed	Ant 0	w/	-	1.00	14.50	14.28	1.05	0.11	0.38	0.40
	LTE 25	QPSK20M	Top Side	0	26140	1	0	Speed	Ant 0	w/	-	1.00	15.50	15.22	1.07	0.01	0.483	0.52
	LTE 25	QPSK20M	Top Side	0	26590	1	0	Speed	Ant 0	w/	-	1.00	15.50	15.15	1.08	-0.18	0.471	0.51
	LTE 25	QPSK20M	Top Side	0	26365	1	0	WNC	Ant 0	w/	-	1.00	15.50	15.26	1.06	0.08	0.504	0.53
	LTE 25	QPSK20M	Top Side	0	26365	1	0	Auden	Ant 0	w/	-	1.00	15.50	15.26	1.06	0.13	0.487	0.52



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 26	QPSK15M	Rear Face	0	26965	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 26	QPSK15M	Left Side	0	26965	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	0	26965	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	-0.17	0.223	0.31
	LTE 26	QPSK15M	Top Side	16	26965	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0.14	0.054	0.07
	LTE 26	QPSK15M	Bottom Side	0	26965	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.12	1.37	0	<0.001	0.00
	LTE 26	QPSK15M	Rear Face	0	26965	36	0	Speed	Ant 0	w/o	-	1.00	23.50	22.38	1.29	0	<0.001	0.00
	LTE 26	QPSK15M	Left Side	0	26965	36	0	Speed	Ant 0	w/o	-	1.00	23.50	22.38	1.29	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	0	26965	36	0	Speed	Ant 0	w/o	-	1.00	23.50	22.38	1.29	0.17	0.176	0.23
	LTE 26	QPSK15M	Top Side	16	26965	36	0	Speed	Ant 0	w/o	-	1.00	23.50	22.38	1.29	0.07	0.038	0.05
	LTE 26	QPSK15M	Bottom Side	0	26965	36	0	Speed	Ant 0	w/o	-	1.00	23.50	22.38	1.29	0	<0.001	0.00
9	LTE 26	QPSK15M	Top Side	0	26965	1	0	Speed	Ant 0	w/	-	1.00	22.00	21.14	1.22	-0.02	0.573	0.70
	LTE 26	QPSK15M	Top Side	0	26965	36	0	Speed	Ant 0	w/	-	1.00	21.00	20.18	1.21	0.17	0.449	0.54
	LTE 26	QPSK15M	Top Side	0	26765	1	0	Speed	Ant 0	w/	-	1.00	22.00	21.06	1.24	0.16	0.533	0.66
	LTE 26	QPSK15M	Top Side	0	26865	1	0	Speed	Ant 0	w/	-	1.00	22.00	20.95	1.27	-0.13	0.544	0.69
	LTE 26	QPSK15M	Top Side	0	26965	1	0	WNC	Ant 0	w/	-	1.00	22.00	21.14	1.22	0.09	0.558	0.68
	LTE 26	QPSK15M	Top Side	0	26965	1	0	Auden	Ant 0	w/	-	1.00	22.00	21.14	1.22	0.01	0.546	0.67
	LTE 30	QPSK10M	Rear Face	0	27710	1	0	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	-0.08	0.036	0.05
	LTE 30	QPSK10M	Left Side	0	27710	1	0	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0	<0.001	0.00
	LTE 30	QPSK10M	Right Side	0	27710	1	0	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	-0.18	0.17	0.23
	LTE 30	QPSK10M	Top Side	16	27710	1	0	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0.04	0.062	0.08
	LTE 30	QPSK10M	Rear Face	0	27710	25	0	Speed	Ant 0	w/o	-	1.00	22.00	20.52	1.41	0	<0.001	0.00
	LTE 30	QPSK10M	Left Side	0	27710	25	0	Speed	Ant 0	w/o	-	1.00	22.00	20.52	1.41	0	<0.001	0.00
	LTE 30	QPSK10M	Right Side	0	27710	25	0	Speed	Ant 0	w/o	-	1.00	22.00	20.52	1.41	-0.19	0.13	0.18
	LTE 30	QPSK10M	Top Side	16	27710	25	0	Speed	Ant 0	w/o	-	1.00	22.00	20.52	1.41	-0.03	0.03	0.04
	LTE 30	QPSK10M	Bottom Side	0	27710	25	0	Speed	Ant 0	w/o	-	1.00	22.00	20.52	1.41	0	<0.001	0.00
10	LTE 30	QPSK10M	Top Side	0	27710	1	0	Speed	Ant 0	w/	-	1.00	19.00	18.77	1.05	0.01	0.644	0.68
	LTE 30	QPSK10M	Top Side	0	27710	25	0	Speed	Ant 0	w/	-	1.00	18.00	17.66	1.08	-0.06	0.511	0.55
	LTE 30	QPSK10M	Top Side	0	27710	1	0	WNC	Ant 0	w/	-	1.00	19.00	18.77	1.05	0.18	0.621	0.65
	LTE 30	QPSK10M	Top Side	0	27710	1	0	Auden	Ant 0	w/	-	1.00	19.00	18.77	1.05	0.09	0.628	0.66



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 38	QPSK20M	Rear Face	0	37850	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.85	1.30	-0.14	0.084	0.11
	LTE 38	QPSK20M	Left Side	0	37850	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.85	1.30	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	0	37850	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.85	1.30	-0.15	0.241	0.31
	LTE 38	QPSK20M	Top Side	16	37850	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.85	1.30	-0.18	0.084	0.11
	LTE 38	QPSK20M	Bottom Side	0	37850	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.85	1.30	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	0	37850	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.97	1.27	0.02	0.05	0.06
	LTE 38	QPSK20M	Left Side	0	37850	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.97	1.27	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	0	37850	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.97	1.27	0.03	0.198	0.25
	LTE 38	QPSK20M	Top Side	16	37850	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.97	1.27	0.19	0.068	0.09
	LTE 38	QPSK20M	Bottom Side	0	37850	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.97	1.27	0	<0.001	0.00
11	LTE 38	QPSK20M	Top Side	0	37850	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.70	1.20	-0.03	0.585	0.70
	LTE 38	QPSK20M	Top Side	0	37850	50	0	Speed	Ant 0	w/	-	1.00	21.50	20.76	1.19	0.02	0.455	0.54
	LTE 38	QPSK20M	Top Side	0	38000	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.64	1.22	0.12	0.569	0.69
	LTE 38	QPSK20M	Top Side	0	38150	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.54	1.25	0.1	0.549	0.69
	LTE 38	QPSK20M	Top Side	0	37850	1	0	WNC	Ant 0	w/	-	1.00	22.50	21.70	1.20	-0.04	0.56	0.67
	LTE 38	QPSK20M	Top Side	0	37850	1	0	Auden	Ant 0	w/	-	1.00	22.50	21.70	1.20	-0.17	0.546	0.66



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 41	QPSK20M	Bottom of Laptop	21	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0.14	0.108	0.13
	LTE 41	QPSK20M	Bottom of Laptop	21	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	-0.15	0.082	0.10
	LTE 41	QPSK20M	Rear Face	21	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0.01	0.115	0.13
	LTE 41	QPSK20M	Left Side	0	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	0	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Top Side	0	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Bottom Side	19	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.32	1.17	0.14	0.084	0.10
	LTE 41	QPSK20M	Rear Face	21	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	-0.09	0.092	0.11
	LTE 41	QPSK20M	Left Side	0	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	0	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	0	<0.001	0.00
	LTE 41	QPSK20M	Top Side	0	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	0	<0.001	0.00
	LTE 41	QPSK20M	Bottom Side	19	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.14	1.22	-0.19	0.07	0.09
	LTE 41	QPSK20M	Bottom of Laptop	0	40620	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.29	1.18	-0.18	0.14	0.17
	LTE 41	QPSK20M	Bottom of Laptop	0	40620	50	0	Speed	Ant 1	w/	-	1.00	10.00	9.26	1.19	0.07	0.108	0.13
	LTE 41	QPSK20M	Rear Face	0	40620	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.29	1.18	0.16	0.449	0.53
	LTE 41	QPSK20M	Bottom Side	0	40620	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.29	1.18	-0.09	0.098	0.12
	LTE 41	QPSK20M	Rear Face	0	40620	50	0	Speed	Ant 1	w/	-	1.00	11.00	9.26	1.49	0.1	0.346	0.52
	LTE 41	QPSK20M	Bottom Side	0	40620	50	0	Speed	Ant 1	w/	-	1.00	11.00	9.26	1.49	0.1	0.073	0.11
	LTE 41	QPSK20M	Rear Face	0	39750	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.12	1.22	0.06	0.404	0.49
12	LTE 41	QPSK20M	Rear Face	0	40185	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.23	1.19	0.01	0.496	0.59
	LTE 41	QPSK20M	Rear Face	0	41055	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.22	1.20	0.12	0.398	0.48
	LTE 41	QPSK20M	Rear Face	0	41490	1	0	Speed	Ant 1	w/	-	1.00	11.00	10.07	1.24	-0.11	0.414	0.51
	LTE 41	QPSK20M	Rear Face	0	40185	1	0	WNC	Ant 1	w/	-	1.00	11.00	10.23	1.19	-0.1	0.476	0.57
	LTE 41	QPSK20M	Rear Face	0	40185	1	0	Auden	Ant 1	w/	-	1.00	11.00	10.23	1.19	-0.02	0.464	0.55
	LTE 41 - HPUE	QPSK20M	Rear Face	21	40620	1	0	Speed	Ant 1	w/o	-	1.00	27.00	26.45	1.14	0.17	0.079	0.09





### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 42	QPSK20M	Bottom of Laptop	21	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	-0.12	0.084	0.09
	LTE 42	QPSK20M	Bottom of Laptop	21	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	-0.11	0.064	0.07
	LTE 42	QPSK20M	Rear Face	21	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	-0.19	0.16	0.17
	LTE 42	QPSK20M	Left Side	0	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	-0.06	<0.001	0.00
	LTE 42	QPSK20M	Right Side	0	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	0.01	<0.001	0.00
	LTE 42	QPSK20M	Top Side	0	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	-0.16	<0.001	0.00
	LTE 42	QPSK20M	Bottom Side	19	43190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.81	1.04	-0.07	0.141	0.15
	LTE 42	QPSK20M	Rear Face	21	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	0.11	0.13	0.14
	LTE 42	QPSK20M	Left Side	0	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	-0.16	<0.001	0.00
	LTE 42	QPSK20M	Right Side	0	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	0.12	<0.001	0.00
	LTE 42	QPSK20M	Top Side	0	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	-0.01	<0.001	0.00
	LTE 42	QPSK20M	Bottom Side	19	43190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.66	1.08	-0.15	0.108	0.12
	LTE 42	QPSK20M	Bottom of Laptop	0	43190	1	0	Speed	Ant 1	w/	-	1.00	15.50	15.38	1.03	-0.16	0.073	0.08
	LTE 42	QPSK20M	Bottom of Laptop	0	43190	50	25	Speed	Ant 1	w/	-	1.00	14.50	14.35	1.04	-0.13	0.06	0.06
43	LTE 42	QPSK20M	Rear Face	0	43190	1	0	Speed	Ant 1	w/	-	1.00	15.50	15.38	1.03	0.05	0.504	0.52
	LTE 42	QPSK20M	Bottom Side	0	43190	1	0	Speed	Ant 1	w/	-	1.00	15.50	15.38	1.03	-0.01	0.142	0.15
	LTE 42	QPSK20M	Rear Face	0	43190	50	25	Speed	Ant 1	w/	-	1.00	14.50	14.35	1.04	-0.12	0.4	0.42
	LTE 42	QPSK20M	Bottom Side	0	43190	50	25	Speed	Ant 1	w/	-	1.00	14.50	14.35	1.04	0.07	0.106	0.11
	LTE 42	QPSK20M	Rear Face	0	43340	1	0	Speed	Ant 1	w/	-	1.00	15.50	15.31	1.04	-0.12	0.465	0.48
	LTE 42	QPSK20M	Rear Face	0	43490	1	0	Speed	Ant 1	w/	-	1.00	15.50	15.27	1.05	0.04	0.42	0.44
	LTE 42	QPSK20M	Rear Face	0	43190	1	0	WNC	Ant 1	w/	-	1.00	15.50	15.38	1.03	-0.03	0.48	0.49
	LTE 42	QPSK20M	Rear Face	0	43190	1	0	Auden	Ant 1	w/	-	1.00	15.50	15.38	1.03	0.18	0.495	0.51



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 43	QPSK20M	Bottom of Laptop	21	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	0.02	0.081	0.09
	LTE 43	QPSK20M	Bottom of Laptop	21	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	-0.05	0.062	0.07
	LTE 43	QPSK20M	Rear Face	21	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	0.17	0.154	0.18
	LTE 43	QPSK20M	Left Side	0	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	-0.01	<0.001	0.00
	LTE 43	QPSK20M	Right Side	0	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	-0.17	<0.001	0.00
	LTE 43	QPSK20M	Top Side	0	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	-0.18	<0.001	0.00
	LTE 43	QPSK20M	Bottom Side	19	44190	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.38	1.15	0.12	0.135	0.16
	LTE 43	QPSK20M	Rear Face	21	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	-0.09	0.125	0.14
	LTE 43	QPSK20M	Left Side	0	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	0.15	<0.001	0.00
	LTE 43	QPSK20M	Right Side	0	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	-0.06	<0.001	0.00
	LTE 43	QPSK20M	Top Side	0	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	-0.08	<0.001	0.00
	LTE 43	QPSK20M	Bottom Side	19	44190	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.52	1.12	0.17	0.104	0.12
	LTE 43	QPSK20M	Bottom of Laptop	0	44190	1	0	Speed	Ant 1	w/	-	1.00	17.50	17.19	1.07	0.12	0.07	0.07
	LTE 43	QPSK20M	Bottom of Laptop	0	44190	50	0	Speed	Ant 1	w/	-	1.00	16.50	16.35	1.04	-0.1	0.057	0.06
44	LTE 43	QPSK20M	Rear Face	0	44190	1	0	Speed	Ant 1	w/	-	1.00	17.50	17.19	1.07	-0.03	0.492	0.53
	LTE 43	QPSK20M	Bottom Side	0	44190	1	0	Speed	Ant 1	w/	-	1.00	17.50	17.19	1.07	-0.02	0.137	0.15
	LTE 43	QPSK20M	Rear Face	0	44190	50	0	Speed	Ant 1	w/	-	1.00	16.50	16.35	1.04	0.12	0.384	0.40
	LTE 43	QPSK20M	Bottom Side	0	44190	50	0	Speed	Ant 1	w/	-	1.00	16.50	16.35	1.04	-0.02	0.102	0.11
	LTE 43	QPSK20M	Rear Face	0	44215	1	0	Speed	Ant 1	w/	-	1.00	17.50	17.14	1.09	0.08	0.447	0.49
	LTE 43	QPSK20M	Rear Face	0	44240	1	0	Speed	Ant 1	w/	-	1.00	17.50	17.11	1.09	0.03	0.403	0.44
	LTE 43	QPSK20M	Rear Face	0	44190	1	0	WNC	Ant 1	w/	-	1.00	17.50	17.19	1.07	-0.19	0.461	0.49
	LTE 43	QPSK20M	Rear Face	0	44190	1	0	Auden	Ant 1	w/	-	1.00	17.50	17.19	1.07	-0.13	0.467	0.50



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 48	QPSK20M	Bottom of Laptop	21	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	0.16	0.081	0.09
	LTE 48	QPSK20M	Bottom of Laptop	21	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	0.02	0.062	0.07
	LTE 48	QPSK20M	Rear Face	21	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	0.09	0.154	0.18
	LTE 48	QPSK20M	Left Side	0	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	0	<0.001	0.00
	LTE 48	QPSK20M	Right Side	0	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	0	<0.001	0.00
	LTE 48	QPSK20M	Top Side	0	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	0	<0.001	0.00
	LTE 48	QPSK20M	Bottom Side	19	55780	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.42	1.14	-0.12	0.135	0.15
	LTE 48	QPSK20M	Rear Face	21	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	0.09	0.125	0.14
	LTE 48	QPSK20M	Left Side	0	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	0	<0.001	0.00
	LTE 48	QPSK20M	Right Side	0	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	0	<0.001	0.00
	LTE 48	QPSK20M	Top Side	0	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	0	<0.001	0.00
	LTE 48	QPSK20M	Bottom Side	19	55780	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.46	1.13	-0.12	0.104	0.12
	LTE 48	QPSK20M	Bottom of Laptop	0	55780	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.68	1.21	-0.15	0.09	0.11
	LTE 48	QPSK20M	Bottom of Laptop	0	55780	50	0	Speed	Ant 1	w/	-	1.00	9.50	8.55	1.24	-0.13	0.067	0.08
13	LTE 48	QPSK20M	Rear Face	0	55780	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.68	1.21	0.05	0.484	0.59
	LTE 48	QPSK20M	Bottom Side	0	55780	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.68	1.21	0.01	0.137	0.17
	LTE 48	QPSK20M	Rear Face	0	55780	50	0	Speed	Ant 1	w/	-	1.00	9.50	8.55	1.24	-0.15	0.384	0.48
	LTE 48	QPSK20M	Bottom Side	0	55780	50	0	Speed	Ant 1	w/	-	1.00	9.50	8.55	1.24	0.04	0.102	0.13
	LTE 48	QPSK20M	Rear Face	0	55340	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.56	1.24	0.18	0.467	0.58
	LTE 48	QPSK20M	Rear Face	0	56210	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.64	1.22	0.12	0.403	0.49
	LTE 48	QPSK20M	Rear Face	0	56640	1	0	Speed	Ant 1	w/	-	1.00	10.50	9.55	1.24	0.16	0.352	0.44
	LTE 48	QPSK20M	Rear Face	0	55780	1	0	WNC	Ant 1	w/	-	1.00	10.50	9.68	1.21	0.08	0.461	0.56
	LTE 48	QPSK20M	Rear Face	0	55780	1	0	Auden	Ant 1	w/	-	1.00	10.50	9.68	1.21	-0.14	0.476	0.58
	LTE 66	QPSK20M	Rear Face	0	132322	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.82	1.31	-0.12	0.086	0.11
	LTE 66	QPSK20M	Left Side	0	132322	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.82	1.31	0	<0.001	0.00
	LTE 66	QPSK20M	Right Side	0	132322	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.82	1.31	0.13	0.28	0.37
	LTE 66	QPSK20M	Top Side	16	132322	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.82	1.31	-0.02	0.266	0.35
	LTE 66	QPSK20M	Bottom Side	0	132322	1	0	Speed	Ant 0	w/o	-	1.00	24.00	22.82	1.31	0	<0.001	0.00
	LTE 66	QPSK20M	Rear Face	0	132322	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.79	1.32	0.17	0.072	0.10
	LTE 66	QPSK20M	Left Side	0	132322	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.79	1.32	0	<0.001	0.00
	LTE 66	QPSK20M	Right Side	0	132322	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.79	1.32	0.05	0.233	0.31
	LTE 66	QPSK20M	Top Side	16	132322	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.79	1.32	-0.16	0.191	0.25
	LTE 66	QPSK20M	Bottom Side	0	132322	50	0	Speed	Ant 0	w/o	-	1.00	23.00	21.79	1.32	0	<0.001	0.00
14	LTE 66	QPSK20M	Top Side	0	132322	1	0	Speed	Ant 0	w/	-	1.00	17.00	16.86	1.03	0.02	0.671	0.69
	LTE 66	QPSK20M	Top Side	0	132322	50	0	Speed	Ant 0	w/	-	1.00	16.00	15.64	1.09	-0.19	0.468	0.51
	LTE 66	QPSK20M	Top Side	0	132072	1	0	Speed	Ant 0	w/	-	1.00	17.00	16.72	1.07	-0.19	0.637	0.68
	LTE 66	QPSK20M	Top Side	0	132572	1	0	Speed	Ant 0	w/	-	1.00	17.00	16.70	1.07	-0.08	0.646	0.69
	LTE 66	QPSK20M	Top Side	0	132322	1	0	WNC	Ant 0	w/	-	1.00	17.00	16.86	1.03	-0.09	0.656	0.68
	LTE 66	QPSK20M	Top Side	0	132322	1	0	Auden	Ant 0	w/	-	1.00	17.00	16.86	1.03	-0.15	0.646	0.67



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 71	QPSK20M	Rear Face	0	133297	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.22	1.34	0	<0.001	0.00
	LTE 71	QPSK20M	Left Side	0	133297	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.22	1.34	0	<0.001	0.00
	LTE 71	QPSK20M	Right Side	0	133297	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.22	1.34	0.1	0.012	0.02
	LTE 71	QPSK20M	Top Side	16	133297	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.22	1.34	0	<0.001	0.00
	LTE 71	QPSK20M	Bottom Side	0	133297	1	0	Speed	Ant 0	w/o	-	1.00	24.50	23.22	1.34	0	<0.001	0.00
	LTE 71	QPSK20M	Rear Face	0	133297	50	0	Speed	Ant 0	w/o	-	1.00	23.50	21.96	1.43	0	<0.001	0.00
	LTE 71	QPSK20M	Left Side	0	133297	50	0	Speed	Ant 0	w/o	-	1.00	23.50	21.96	1.43	0	<0.001	0.00
	LTE 71	QPSK20M	Right Side	0	133297	50	0	Speed	Ant 0	w/o	-	1.00	23.50	21.96	1.43	0	<0.001	0.00
	LTE 71	QPSK20M	Top Side	16	133297	50	0	Speed	Ant 0	w/o	-	1.00	23.50	21.96	1.43	0	<0.001	0.00
	LTE 71	QPSK20M	Bottom Side	0	133297	50	0	Speed	Ant 0	w/o	-	1.00	23.50	21.96	1.43	0	<0.001	0.00
15	LTE 71	QPSK20M	Top Side	0	133297	1	0	Speed	Ant 0	w/	-	1.00	22.50	22.12	1.09	0.06	0.115	0.13
	LTE 71	QPSK20M	Top Side	0	133297	50	0	Speed	Ant 0	w/	-	1.00	21.50	20.88	1.15	-0.14	0.086	0.10
	LTE 71	QPSK20M	Top Side	0	133222	1	0	Speed	Ant 0	w/	-	1.00	22.50	21.96	1.13	0.18	0.109	0.12
	LTE 71	QPSK20M	Top Side	0	133372	1	0	Speed	Ant 0	w/	-	1.00	22.50	22.05	1.11	-0.03	0.101	0.11
	LTE 71	QPSK20M	Top Side	0	133297	1	0	WNC	Ant 0	w/	-	1.00	22.50	22.12	1.09	0.01	0.108	0.12
	LTE 71	QPSK20M	Top Side	0	133297	1	0	Auden	Ant 0	w/	-	1.00	22.50	22.12	1.09	-0.04	0.111	0.12
	5GNR-n2	DFT-s QPSK20M	Rear Face	0	376000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.93	1.28	-0.12	0.057	0.07
	5GNR-n2	DFT-s QPSK20M	Left Side	0	376000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	5GNR-n2	DFT-s QPSK20M	Right Side	0	376000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.93	1.28	-0.11	0.086	0.11
	5GNR-n2	DFT-s QPSK20M	Top Side	16	376000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0.03	0.119	0.15
	5GNR-n2	DFT-s QPSK20M	Bottom Side	0	376000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	5GNR-n2	DFT-s QPSK20M	Rear Face	0	376000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0.06	0.045	0.06
	5GNR-n2	DFT-s QPSK20M	Left Side	0	376000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0	<0.001	0.00
	5GNR-n2	DFT-s QPSK20M	Right Side	0	376000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	-0.17	0.078	0.10
	5GNR-n2	DFT-s QPSK20M	Top Side	16	376000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	-0.12	0.112	0.15
	5GNR-n2	DFT-s QPSK20M	Bottom Side	0	376000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0	<0.001	0.00
16	5GNR-n2	DFT-s QPSK20M	Top Side	0	376000	1	1	Speed	Ant 0	w/	-	1.00	17.50	17.34	1.04	0.01	0.653	0.68
	5GNR-n2	DFT-s QPSK20M	Top Side	0	376000	50	28	Speed	Ant 0	w/	-	1.00	17.50	17.27	1.05	-0.08	0.524	0.55
	5GNR-n2	DFT-s QPSK20M	Top Side	0	372000	1	1	Speed	Ant 0	w/	-	1.00	17.50	17.29	1.05	0.18	0.598	0.63
	5GNR-n2	DFT-s QPSK20M	Top Side	0	380000	1	1	Speed	Ant 0	w/	-	1.00	17.50	17.18	1.08	0.07	0.549	0.59
	5GNR-n2	DFT-s QPSK20M	Top Side	0	376000	1	1	WNC	Ant 0	w/	-	1.00	17.50	17.34	1.04	0.16	0.581	0.60
	5GNR-n2	DFT-s QPSK20M	Top Side	0	376000	1	1	Auden	Ant 0	w/	-	1.00	17.50	17.34	1.04	0.12	0.544	0.57



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5GNR-n5	DFT-s QPSK20M	Rear Face	0	167300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.69	1.35	0.13	0.038	0.05
	5GNR-n5	DFT-s QPSK20M	Left Side	0	167300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.69	1.35	0	<0.001	0.00
	5GNR-n5	DFT-s QPSK20M	Right Side	0	167300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.69	1.35	0.12	0.098	0.13
	5GNR-n5	DFT-s QPSK20M	Top Side	16	167300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.69	1.35	0.02	0.07	0.09
	5GNR-n5	DFT-s QPSK20M	Bottom Side	0	167300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.69	1.35	0	<0.001	0.00
	5GNR-n5	DFT-s QPSK20M	Rear Face	0	167300	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	-0.1	0.032	0.04
	5GNR-n5	DFT-s QPSK20M	Left Side	0	167300	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	0	<0.001	0.00
	5GNR-n5	DFT-s QPSK20M	Right Side	0	167300	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	0.17	0.082	0.11
	5GNR-n5	DFT-s QPSK20M	Top Side	16	167300	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	0.06	0.059	0.08
	5GNR-n5	DFT-s QPSK20M	Bottom Side	0	167300	50	28	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	0	<0.001	0.00
	5GNR-n5	DFT-s QPSK20M	Top Side	0	167300	1	1	Speed	Ant 0	w/	-	1.00	22.00	21.42	1.14	0.11	0.523	0.60
	5GNR-n5	DFT-s QPSK20M	Top Side	0	167300	50	28	Speed	Ant 0	w/	-	1.00	22.00	21.28	1.18	-0.04	0.41	0.48
	5GNR-n5	DFT-s QPSK20M	Top Side	0	166800	1	1	Speed	Ant 0	w/	-	1.00	22.00	21.35	1.16	0.05	0.533	0.62
17	5GNR-n5	DFT-s QPSK20M	Top Side	0	167800	1	1	Speed	Ant 0	w/	-	1.00	22.00	21.24	1.19	0.01	0.56	0.67
	5GNR-n5	DFT-s QPSK20M	Top Side	0	167800	1	1	WNC	Ant 0	w/	-	1.00	22.00	21.24	1.19	0.1	0.547	0.65
	5GNR-n5	DFT-s QPSK20M	Top Side	0	167800	1	1	Auden	Ant 0	w/	-	1.00	22.00	21.24	1.19	0.02	0.55	0.65
	5GNR-n7	DFT-s QPSK40M	Rear Face	0	507000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.32	1.17	0.11	0.048	0.06
	5GNR-n7	DFT-s QPSK40M	Left Side	0	507000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.32	1.17	0	<0.001	0.00
	5GNR-n7	DFT-s QPSK40M	Right Side	0	507000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.32	1.17	0.01	0.281	0.33
	5GNR-n7	DFT-s QPSK40M	Top Side	16	507000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.32	1.17	0.11	0.425	0.50
	5GNR-n7	DFT-s QPSK40M	Bottom Side	0	507000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.32	1.17	0	<0.001	0.00
	5GNR-n7	DFT-s QPSK40M	Rear Face	0	507000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	-0.16	0.039	0.05
	5GNR-n7	DFT-s QPSK40M	Left Side	0	507000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	5GNR-n7	DFT-s QPSK40M	Right Side	0	507000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.03	0.266	0.31
	5GNR-n7	DFT-s QPSK40M	Top Side	16	507000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.09	0.394	0.46
	5GNR-n7	DFT-s QPSK40M	Bottom Side	0	507000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
18	5GNR-n7	DFT-s QPSK40M	Top Side	0	507000	1	1	Speed	Ant 0	w/	-	1.00	21.00	20.79	1.05	-0.04	0.656	0.69
	5GNR-n7	DFT-s QPSK40M	Top Side	0	507000	108	54	Speed	Ant 0	w/	-	1.00	21.00	20.78	1.05	-0.18	0.639	0.67
	5GNR-n7	DFT-s QPSK40M	Top Side	0	504000	1	1	Speed	Ant 0	w/	-	1.00	21.00	20.68	1.08	-0.05	0.611	0.66
	5GNR-n7	DFT-s QPSK40M	Top Side	0	510000	1	1	Speed	Ant 0	w/	-	1.00	21.00	20.74	1.06	-0.05	0.624	0.66
	5GNR-n7	DFT-s QPSK40M	Top Side	0	507000	1	1	WNC	Ant 0	w/	-	1.00	21.00	20.79	1.05	0.05	0.644	0.68
	5GNR-n7	DFT-s QPSK40M	Top Side	0	507000	1	1	Auden	Ant 0	w/	-	1.00	21.00	20.79	1.05	0.08	0.639	0.67



**Body SAR Test Result**

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n12	DFT-s QPSK15M	Rear Face	0	141500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.96	1.27	0	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Left Side	0	141500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.96	1.27	0	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Right Side	0	141500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.96	1.27	0.03	0.081	0.10
35	5G NR-n12	DFT-s QPSK15M	Top Side	0	141500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.96	1.27	0.02	0.338	0.43
	5G NR-n12	DFT-s QPSK15M	Bottom Side	0	141500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.96	1.27	-0.16	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Rear Face	0	141500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	22.92	1.28	0.1	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Left Side	0	141500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	22.92	1.28	-0.08	0.066	0.08
	5G NR-n12	DFT-s QPSK15M	Right Side	0	141500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	22.92	1.28	0.08	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Top Side	0	141500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	22.92	1.28	0.14	0.288	0.37
	5G NR-n12	DFT-s QPSK15M	Bottom Side	0	141500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	22.92	1.28	-0.16	<0.001	0.00
	5G NR-n12	DFT-s QPSK15M	Top Side	0	141300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0.03	0.288	0.37
	5G NR-n12	DFT-s QPSK15M	Top Side	0	141700	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.83	1.31	0.08	0.31	0.41
	5G NR-n12	DFT-s QPSK15M	Top Side	0	141500	1	1	WNC	Ant 0	w/o	-	1.00	24.00	22.96	1.27	0.05	0.305	0.39
	5G NR-n12	DFT-s QPSK15M	Top Side	0	141500	1	1	Auden	Ant 0	w/o	-	1.00	24.00	22.96	1.27	-0.01	0.285	0.36
	5G NR-n13	DFT-s QPSK10M	Rear Face	0	156400	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	5G NR-n13	DFT-s QPSK10M	Left Side	0	156400	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	5G NR-n13	DFT-s QPSK10M	Right Side	0	156400	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.99	1.26	-0.11	0.086	0.11
	5G NR-n13	DFT-s QPSK10M	Top Side	16	156400	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0.07	0.083	0.10
	5G NR-n13	DFT-s QPSK10M	Bottom Side	0	156400	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	5G NR-n13	DFT-s QPSK10M	Rear Face	0	156400	25	14	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0	<0.001	0.00
	5G NR-n13	DFT-s QPSK10M	Left Side	0	156400	25	14	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0	<0.001	0.00
	5G NR-n13	DFT-s QPSK10M	Right Side	0	156400	25	14	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0.09	0.054	0.07
	5G NR-n13	DFT-s QPSK10M	Top Side	16	156400	25	14	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	-0.18	0.079	0.10
	5G NR-n13	DFT-s QPSK10M	Bottom Side	0	156400	25	14	Speed	Ant 0	w/o	-	1.00	24.00	22.86	1.30	0	<0.001	0.00
36	5G NR-n13	DFT-s QPSK10M	Top Side	0	156400	1	1	Speed	Ant 0	w/	-	1.00	23.00	22.99	1.00	-0.04	0.662	0.66
	5G NR-n13	DFT-s QPSK10M	Top Side	0	156400	25	14	Speed	Ant 0	w/	-	1.00	23.00	22.86	1.03	-0.18	0.634	0.65
	5G NR-n13	DFT-s QPSK10M	Top Side	0	156400	1	1	WNC	Ant 0	w/	-	1.00	23.00	22.99	1.00	0.09	0.635	0.64
	5G NR-n13	DFT-s QPSK10M	Top Side	0	156400	1	1	Auden	Ant 0	w/	-	1.00	23.00	22.99	1.00	-0.05	0.627	0.63



**Body SAR Test Result**

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n14	DFT-s QPSK10M	Rear Face	0	158600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0	<0.001	0.00
	5G NR-n14	DFT-s QPSK10M	Left Side	0	158600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0	<0.001	0.00
	5G NR-n14	DFT-s QPSK10M	Right Side	0	158600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0	0.053	0.06
	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0.05	0.078	0.10
	5G NR-n14	DFT-s QPSK10M	Bottom Side	0	158600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0	<0.001	0.00
	5G NR-n14	DFT-s QPSK10M	Rear Face	0	158600	25	14	Speed	Ant 0	w/o	-	1.00	24.00	23.04	1.25	0	<0.001	0.00
	5G NR-n14	DFT-s QPSK10M	Left Side	0	158600	25	14	Speed	Ant 0	w/o	-	1.00	24.00	23.04	1.25	0	<0.001	0.00
	5G NR-n14	DFT-s QPSK10M	Right Side	0	158600	25	14	Speed	Ant 0	w/o	-	1.00	24.00	23.04	1.25	0.17	0.046	0.06
	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	25	14	Speed	Ant 0	w/o	-	1.00	24.00	23.04	1.25	-0.17	0.076	0.10
	5G NR-n14	DFT-s QPSK10M	Bottom Side	0	158600	25	14	Speed	Ant 0	w/o	-	1.00	24.00	23.04	1.25	0	<0.001	0.00
37	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	1	1	Speed	Ant 0	w/	-	1.00	23.00	22.94	1.01	-0.03	0.63	0.64
	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	25	14	Speed	Ant 0	w/	-	1.00	23.00	22.86	1.03	-0.17	0.611	0.63
	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	1	1	WNC	Ant 0	w/	-	1.00	23.00	22.94	1.01	-0.12	0.573	0.58
	5G NR-n14	DFT-s QPSK10M	Top Side	0	158600	1	1	Auden	Ant 0	w/	-	1.00	23.00	22.94	1.01	0.07	0.605	0.61
	5G NR-n25	DFT-s QPSK40M	Rear Face	0	376500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.01	1.26	-0.02	0.045	0.06
	5G NR-n25	DFT-s QPSK40M	Left Side	0	376500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.01	1.26	0	<0.001	0.00
	5G NR-n25	DFT-s QPSK40M	Right Side	0	376500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.01	1.26	0.13	0.111	0.14
	5G NR-n25	DFT-s QPSK40M	Top Side	16	376500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.01	1.26	0.08	0.123	0.15
	5G NR-n25	DFT-s QPSK40M	Bottom Side	0	376500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.01	1.26	0	<0.001	0.00
	5G NR-n25	DFT-s QPSK40M	Rear Face	0	376500	108	54	Speed	Ant 0	w/o	-	1.00	24.00	22.97	1.27	-0.11	0.042	0.05
	5G NR-n25	DFT-s QPSK40M	Left Side	0	376500	108	54	Speed	Ant 0	w/o	-	1.00	24.00	22.97	1.27	0	<0.001	0.00
	5G NR-n25	DFT-s QPSK40M	Right Side	0	376500	108	54	Speed	Ant 0	w/o	-	1.00	24.00	22.97	1.27	0.14	0.104	0.13
	5G NR-n25	DFT-s QPSK40M	Top Side	16	376500	108	54	Speed	Ant 0	w/o	-	1.00	24.00	22.97	1.27	-0.18	0.108	0.14
	5G NR-n25	DFT-s QPSK40M	Bottom Side	0	376500	108	54	Speed	Ant 0	w/o	-	1.00	24.00	22.97	1.27	0	<0.001	0.00
19	5G NR-n25	DFT-s QPSK40M	Top Side	0	376500	1	1	Speed	Ant 0	w/	-	1.00	16.50	15.93	1.14	-0.01	0.568	0.65
	5G NR-n25	DFT-s QPSK40M	Top Side	0	376500	108	54	Speed	Ant 0	w/	-	1.00	16.50	15.89	1.15	-0.11	0.473	0.54
	5G NR-n25	DFT-s QPSK40M	Top Side	0	374000	1	1	Speed	Ant 0	w/	-	1.00	16.50	15.87	1.16	-0.05	0.502	0.58
	5G NR-n25	DFT-s QPSK40M	Top Side	0	379000	1	1	Speed	Ant 0	w/	-	1.00	16.50	15.77	1.18	0.15	0.506	0.60
	5G NR-n25	DFT-s QPSK40M	Top Side	0	376500	1	1	WNC	Ant 0	w/	-	1.00	16.50	15.93	1.14	-0.02	0.489	0.56
	5G NR-n25	DFT-s QPSK40M	Top Side	0	376500	1	1	Auden	Ant 0	w/	-	1.00	16.50	15.93	1.14	0.06	0.526	0.60





### Body SAR Test Result

System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n26	DFT-s QPSK20M	Rear Face	0	164800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Left Side	0	164800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Right Side	0	164800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.08	0.035	0.04
38	5G NR-n26	DFT-s QPSK20M	Top Side	0	164800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.01	0.421	0.51
	5G NR-n26	DFT-s QPSK20M	Bottom Side	0	164800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Rear Face	0	164800	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.05	1.24	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Left Side	0	164800	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.05	1.24	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Right Side	0	164800	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.05	1.24	-0.12	0.03	0.04
	5G NR-n26	DFT-s QPSK20M	Top Side	0	164800	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.05	1.24	-0.1	0.404	0.50
	5G NR-n26	DFT-s QPSK20M	Bottom Side	0	164800	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.05	1.24	0	<0.001	0.00
	5G NR-n26	DFT-s QPSK20M	Top Side	0	166300	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.12	1.22	0.19	0.38	0.46
	5G NR-n26	DFT-s QPSK20M	Top Side	0	167800	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.11	1.23	0.05	0.401	0.49
	5G NR-n26	DFT-s QPSK20M	Top Side	0	164800	1	1	WNC	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.08	0.394	0.47
	5G NR-n26	DFT-s QPSK20M	Top Side	0	164800	1	1	Auden	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.1	0.412	0.49
	5G NR-n30	DFT-s QPSK10M	Rear Face	0	462000	1	1	Speed	Ant 0	w/o	-	1.00	23.00	21.83	1.31	-0.09	0.035	0.05
	5G NR-n30	DFT-s QPSK10M	Left Side	0	462000	1	1	Speed	Ant 0	w/o	-	1.00	23.00	21.83	1.31	0	<0.001	0.00
	5G NR-n30	DFT-s QPSK10M	Right Side	0	462000	1	1	Speed	Ant 0	w/o	-	1.00	23.00	21.83	1.31	-0.05	0.155	0.20
	5G NR-n30	DFT-s QPSK10M	Top Side	16	462000	1	1	Speed	Ant 0	w/o	-	1.00	23.00	21.83	1.31	-0.06	0.073	0.10
	5G NR-n30	DFT-s QPSK10M	Bottom Side	0	462000	1	1	Speed	Ant 0	w/o	-	1.00	23.00	21.83	1.31	0	<0.001	0.00
	5G NR-n30	DFT-s QPSK10M	Rear Face	0	462000	25	14	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	-0.16	0.031	0.04
	5G NR-n30	DFT-s QPSK10M	Left Side	0	462000	25	14	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0	<0.001	0.00
	5G NR-n30	DFT-s QPSK10M	Right Side	0	462000	25	14	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0.02	0.147	0.20
	5G NR-n30	DFT-s QPSK10M	Top Side	16	462000	25	14	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0.08	0.058	0.08
	5G NR-n30	DFT-s QPSK10M	Bottom Side	0	462000	25	14	Speed	Ant 0	w/o	-	1.00	23.00	21.63	1.37	0	<0.001	0.00
28	5G NR-n30	DFT-s QPSK10M	Top Side	0	462000	1	1	Speed	Ant 0	w/	-	1.00	19.00	18.88	1.03	-0.01	0.638	0.66
	5G NR-n30	DFT-s QPSK10M	Top Side	0	462000	25	14	Speed	Ant 0	w/	-	1.00	19.00	18.68	1.08	0.12	0.59	0.64
	5G NR-n30	DFT-s QPSK10M	Top Side	0	462000	1	1	WNC	Ant 0	w/	-	1.00	19.00	18.88	1.03	0.03	0.629	0.65
	5G NR-n30	DFT-s QPSK10M	Top Side	0	462000	1	1	Auden	Ant 0	w/	-	1.00	19.00	18.88	1.03	-0.18	0.622	0.64



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n38	DFT-s QPSK40M	Rear Face	0	519000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Left Side	0	519000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Right Side	0	519000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.11	0.124	0.15
29	5G NR-n38	DFT-s QPSK40M	Top Side	0	519000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.01	0.247	0.29
	5G NR-n38	DFT-s QPSK40M	Bottom Side	0	519000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Rear Face	0	519000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.17	1.21	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Left Side	0	519000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.17	1.21	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Right Side	0	519000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.17	1.21	0.13	0.104	0.13
	5G NR-n38	DFT-s QPSK40M	Top Side	0	519000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.17	1.21	0.09	0.226	0.27
	5G NR-n38	DFT-s QPSK40M	Bottom Side	0	519000	50	28	Speed	Ant 0	w/o	-	1.00	24.00	23.17	1.21	0	<0.001	0.00
	5G NR-n38	DFT-s QPSK40M	Top Side	0	518000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.27	1.18	-0.14	0.228	0.27
	5G NR-n38	DFT-s QPSK40M	Top Side	0	520000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.26	1.19	-0.04	0.234	0.28
	5G NR-n38	DFT-s QPSK40M	Top Side	0	519000	1	1	WNC	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.12	0.239	0.28
	5G NR-n38	DFT-s QPSK40M	Top Side	0	519000	1	1	Auden	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.14	0.234	0.27
	5G NR-n41	DFT-s QPSK100M	Bottom of Laptop	21	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	-0.06	0.101	0.13
	5G NR-n41	DFT-s QPSK100M	Bottom of Laptop	21	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	0.06	0.085	0.11
	5G NR-n41	DFT-s QPSK100M	Rear Face	21	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	0.16	0.141	0.18
	5G NR-n41	DFT-s QPSK100M	Left Side	0	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Right Side	0	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Top Side	0	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Bottom Side	19	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.01	1.26	0.08	0.127	0.16
	5G NR-n41	DFT-s QPSK100M	Rear Face	21	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	0.17	0.132	0.17
	5G NR-n41	DFT-s QPSK100M	Left Side	0	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Right Side	0	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Top Side	0	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	0	<0.001	0.00
	5G NR-n41	DFT-s QPSK100M	Bottom Side	19	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	22.94	1.28	-0.17	0.11	0.14
	5G NR-n41	DFT-s QPSK100M	Bottom of Laptop	0	518598	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.33	1.17	-0.12	0.146	0.17
	5G NR-n41	DFT-s QPSK100M	Bottom of Laptop	0	518598	135	69	Speed	Ant 1	w/	-	1.00	11.00	10.09	1.23	-0.03	0.13	0.16
30	5G NR-n41	DFT-s QPSK100M	Rear Face	0	518598	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.33	1.17	0.02	0.479	0.56
	5G NR-n41	DFT-s QPSK100M	Bottom Side	0	518598	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.33	1.17	-0.12	0.102	0.12
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	518598	135	69	Speed	Ant 1	w/	-	1.00	11.00	10.09	1.23	0.09	0.443	0.54
	5G NR-n41	DFT-s QPSK100M	Bottom Side	0	518598	135	69	Speed	Ant 1	w/	-	1.00	11.00	10.09	1.23	-0.06	0.091	0.11
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	509202	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.31	1.17	-0.06	0.384	0.45
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	513900	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.13	1.22	0.07	0.437	0.53
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	523302	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.20	1.20	0.01	0.418	0.50
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	528000	1	1	Speed	Ant 1	w/	-	1.00	11.00	10.26	1.19	0.09	0.402	0.48
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	518598	1	1	WNC	Ant 1	w/	-	1.00	11.00	10.33	1.17	-0.03	0.437	0.51
	5G NR-n41	DFT-s QPSK100M	Rear Face	0	518598	1	1	Auden	Ant 1	w/	-	1.00	11.00	10.33	1.17	-0.07	0.463	0.54
	5G NR-n41 - HPUE	DFT-s QPSK100M	Rear Face	21	518598	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.04	1.25	-0.11	0.133	0.17



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n48	DFT-s QPSK40M	Bottom of Laptop	21	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	-0.01	0.06	0.06
	5G NR-n48	DFT-s QPSK40M	Bottom of Laptop	21	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	-0.06	0.045	0.05
	5G NR-n48	DFT-s QPSK40M	Rear Face	21	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	-0.01	0.123	0.12
	5G NR-n48	DFT-s QPSK40M	Left Side	0	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Right Side	0	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Top Side	0	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Bottom Side	19	642888	1	1	Speed	Ant 1	w/o	-	1.00	22.00	21.98	1.00	0.04	0.106	0.11
	5G NR-n48	DFT-s QPSK40M	Rear Face	21	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	0.14	0.109	0.11
	5G NR-n48	DFT-s QPSK40M	Left Side	0	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Right Side	0	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Top Side	0	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	0	<0.001	0.00
	5G NR-n48	DFT-s QPSK40M	Bottom Side	19	642888	50	28	Speed	Ant 1	w/o	-	1.00	22.00	21.77	1.05	0.18	0.098	0.10
	5G NR-n48	DFT-s QPSK40M	Bottom of Laptop	0	642888	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.66	1.08	-0.01	0.086	0.09
	5G NR-n48	DFT-s QPSK40M	Bottom of Laptop	0	642888	50	28	Speed	Ant 1	w/	-	1.00	10.00	9.45	1.14	-0.06	0.072	0.08
40	5G NR-n48	DFT-s QPSK40M	Rear Face	0	642888	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.66	1.08	-0.03	0.523	0.56
	5G NR-n48	DFT-s QPSK40M	Bottom Side	0	642888	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.66	1.08	-0.14	0.153	0.17
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	642888	50	28	Speed	Ant 1	w/	-	1.00	10.00	9.45	1.14	0.09	0.42	0.48
	5G NR-n48	DFT-s QPSK40M	Bottom Side	0	642888	50	28	Speed	Ant 1	w/	-	1.00	10.00	9.45	1.14	0.14	0.134	0.15
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	638000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.45	1.14	0.15	0.488	0.56
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	640444	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.55	1.11	0.13	0.454	0.50
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	645332	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.43	1.14	-0.15	0.412	0.47
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	642888	1	1	WNC	Ant 1	w/	-	1.00	10.00	9.66	1.08	0.05	0.442	0.48
	5G NR-n48	DFT-s QPSK40M	Rear Face	0	642888	1	1	Auden	Ant 1	w/	-	1.00	10.00	9.66	1.08	0.16	0.511	0.55



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n66	DFT-s QPSK40M	Rear Face	0	349000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.11	0.019	0.02
	5G NR-n66	DFT-s QPSK40M	Left Side	0	349000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	5G NR-n66	DFT-s QPSK40M	Right Side	0	349000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.04	0.072	0.09
	5G NR-n66	DFT-s QPSK40M	Top Side	16	349000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.17	0.057	0.07
	5G NR-n66	DFT-s QPSK40M	Bottom Side	0	349000	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	5G NR-n66	DFT-s QPSK40M	Rear Face	0	349000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.19	1.21	-0.03	0.015	0.02
	5G NR-n66	DFT-s QPSK40M	Left Side	0	349000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.19	1.21	0	<0.001	0.00
	5G NR-n66	DFT-s QPSK40M	Right Side	0	349000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.19	1.21	-0.16	0.064	0.08
	5G NR-n66	DFT-s QPSK40M	Top Side	16	349000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.19	1.21	-0.15	0.066	0.08
	5G NR-n66	DFT-s QPSK40M	Bottom Side	0	349000	108	54	Speed	Ant 0	w/o	-	1.00	24.00	23.19	1.21	0	<0.001	0.00
	5G NR-n66	DFT-s QPSK40M	Top Side	0	349000	1	1	Speed	Ant 0	w/	-	1.00	18.00	17.14	1.22	0.08	0.484	0.59
	5G NR-n66	DFT-s QPSK40M	Top Side	0	349000	108	54	Speed	Ant 0	w/	-	1.00	18.00	17.12	1.22	-0.14	0.424	0.52
	5G NR-n66	DFT-s QPSK40M	Top Side	0	346000	1	1	Speed	Ant 0	w/	-	1.00	18.00	17.06	1.24	0.05	0.46	0.57
31	5G NR-n66	DFT-s QPSK40M	Top Side	0	352000	1	1	Speed	Ant 0	w/	-	1.00	18.00	17.09	1.23	0.01	0.545	0.67
	5G NR-n66	DFT-s QPSK40M	Top Side	0	352000	1	1	WNC	Ant 0	w/	-	1.00	18.00	17.09	1.23	0.18	0.52	0.64
	5G NR-n66	DFT-s QPSK40M	Top Side	0	352000	1	1	Auden	Ant 0	w/	-	1.00	18.00	17.09	1.23	0.08	0.505	0.62



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5GNR-n70	DFT-s QPSK15M	Rear Face	0	340500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0.04	0.021	0.02
	5GNR-n70	DFT-s QPSK15M	Left Side	0	340500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	<0.001	0.00
	5GNR-n70	DFT-s QPSK15M	Right Side	0	340500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	0.08	0.09
	5GNR-n70	DFT-s QPSK15M	Top Side	16	340500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.35	1.16	-0.13	0.064	0.07
	5GNR-n70	DFT-s QPSK15M	Bottom Side	0	340500	1	1	Speed	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	<0.001	0.00
	5GNR-n70	DFT-s QPSK15M	Rear Face	0	340500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	23.22	1.20	0.16	0.016	0.02
	5GNR-n70	DFT-s QPSK15M	Left Side	0	340500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	23.22	1.20	0	<0.001	0.00
	5GNR-n70	DFT-s QPSK15M	Right Side	0	340500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	23.22	1.20	0.05	0.071	0.09
	5GNR-n70	DFT-s QPSK15M	Top Side	16	340500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	23.22	1.20	-0.11	0.073	0.09
	5GNR-n70	DFT-s QPSK15M	Bottom Side	0	340500	36	22	Speed	Ant 0	w/o	-	1.00	24.00	23.22	1.20	0	<0.001	0.00
41	5GNR-n70	DFT-s QPSK15M	Top Side	0	340500	1	1	Speed	Ant 0	w/	-	1.00	18.50	18.23	1.06	0.01	0.61	0.65
	5GNR-n70	DFT-s QPSK15M	Top Side	0	340500	36	22	Speed	Ant 0	w/	-	1.00	18.50	18.10	1.10	-0.05	0.589	0.65
	5GNR-n70	DFT-s QPSK15M	Top Side	0	340500	1	1	WNC	Ant 0	w/	-	1.00	18.50	18.23	1.06	0.05	0.582	0.62
	5GNR-n70	DFT-s QPSK15M	Top Side	0	340500	1	1	Auden	Ant 0	w/	-	1.00	18.50	18.23	1.06	0.09	0.565	0.60
	5GNR-n71	DFT-s QPSK30M	Rear Face	0	136100	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.64	1.37	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Left Side	0	136100	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.64	1.37	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Right Side	0	136100	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.64	1.37	0.04	0.015	0.02
32	5GNR-n71	DFT-s QPSK30M	Top Side	0	136100	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.64	1.37	-0.04	0.154	0.21
	5GNR-n71	DFT-s QPSK30M	Bottom Side	0	136100	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.64	1.37	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Rear Face	0	136100	80	40	Speed	Ant 0	w/o	-	1.00	24.00	22.46	1.43	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Left Side	0	136100	80	40	Speed	Ant 0	w/o	-	1.00	24.00	22.46	1.43	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Right Side	0	136100	80	40	Speed	Ant 0	w/o	-	1.00	24.00	22.46	1.43	-0.06	0.011	0.02
	5GNR-n71	DFT-s QPSK30M	Top Side	0	136100	80	40	Speed	Ant 0	w/o	-	1.00	24.00	22.46	1.43	-0.01	0.132	0.19
	5GNR-n71	DFT-s QPSK30M	Bottom Side	0	136100	80	40	Speed	Ant 0	w/o	-	1.00	24.00	22.46	1.43	0	<0.001	0.00
	5GNR-n71	DFT-s QPSK30M	Top Side	0	135600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.51	1.41	0.18	0.146	0.21
	5GNR-n71	DFT-s QPSK30M	Top Side	0	136600	1	1	Speed	Ant 0	w/o	-	1.00	24.00	22.55	1.40	0.07	0.136	0.19
	5GNR-n71	DFT-s QPSK30M	Top Side	0	136100	1	1	WNC	Ant 0	w/o	-	1.00	24.00	22.64	1.37	-0.15	0.145	0.20
	5GNR-n71	DFT-s QPSK30M	Top Side	0	136100	1	1	Auden	Ant 0	w/o	-	1.00	24.00	22.64	1.37	-0.09	0.147	0.20



### Body SAR Test Result

System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR-n77	DFT-s QPSK100M	Bottom of Laptop	21	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	0.15	0.055	0.06
	5G NR-n77	DFT-s QPSK100M	Bottom of Laptop	21	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	-0.07	0.041	0.05
	5G NR-n77	DFT-s QPSK100M	Rear Face	21	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	0.06	0.113	0.13
	5G NR-n77	DFT-s QPSK100M	Left Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Right Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Top Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Bottom Side	19	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.33	1.17	-0.01	0.097	0.11
	5G NR-n77	DFT-s QPSK100M	Rear Face	21	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	-0.17	0.101	0.13
	5G NR-n77	DFT-s QPSK100M	Left Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Right Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Top Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	0	<0.001	0.00
	5G NR-n77	DFT-s QPSK100M	Bottom Side	19	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.02	1.25	0.02	0.09	0.11
	5G NR-n77	DFT-s QPSK100M	Bottom of Laptop	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.33	1.17	-0.17	0.079	0.09
	5G NR-n77	DFT-s QPSK100M	Bottom of Laptop	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	9.04	1.25	0.18	0.067	0.08
33	5G NR-n77	DFT-s QPSK100M	Rear Face	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.33	1.17	-0.01	0.479	0.56
	5G NR-n77	DFT-s QPSK100M	Bottom Side	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.33	1.17	0.19	0.14	0.16
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	9.04	1.25	0.06	0.385	0.48
	5G NR-n77	DFT-s QPSK100M	Bottom Side	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	9.04	1.25	-0.14	0.123	0.15
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	633332	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.24	1.19	0.18	0.434	0.52
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	640000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.04	1.25	0.07	0.403	0.50
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	641666	1	1	Speed	Ant 1	w/	-	1.00	10.00	8.99	1.26	-0.15	0.365	0.46
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	643332	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.22	1.20	-0.09	0.393	0.47
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	653000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.09	1.23	-0.17	0.448	0.55
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	656000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.13	1.22	0.16	0.416	0.51
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	659000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.03	1.25	-0.13	0.377	0.47
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	662000	1	1	Speed	Ant 1	w/	-	1.00	10.00	8.96	1.27	-0.16	0.406	0.52
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	650000	1	1	WNC	Ant 1	w/	-	1.00	10.00	9.33	1.17	0.07	0.469	0.55
	5G NR-n77	DFT-s QPSK100M	Rear Face	0	650000	1	1	Auden	Ant 1	w/	-	1.00	10.00	9.33	1.17	-0.11	0.462	0.54



### Body SAR Test Result

System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5GNR-n78	DFT-s QPSK100M	Bottom of Laptop	21	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Bottom of Laptop	21	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Rear Face	21	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0.1	0.064	0.07
	5GNR-n78	DFT-s QPSK100M	Left Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Right Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Top Side	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Bottom Side	19	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.41	1.15	0.11	0.057	0.07
	5GNR-n78	DFT-s QPSK100M	Rear Face	21	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	-0.07	0.048	0.06
	5GNR-n78	DFT-s QPSK100M	Left Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Right Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Top Side	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	0	<0.001	0.00
	5GNR-n78	DFT-s QPSK100M	Bottom Side	19	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.08	1.24	0.11	0.043	0.05
	5GNR-n78	DFT-s QPSK100M	Bottom of Laptop	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.20	1.20	-0.13	0.077	0.09
	5GNR-n78	DFT-s QPSK100M	Bottom of Laptop	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	8.96	1.27	0.14	0.065	0.08
34	5GNR-n78	DFT-s QPSK100M	Rear Face	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.20	1.20	-0.04	0.462	0.55
	5GNR-n78	DFT-s QPSK100M	Bottom Side	0	650000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.20	1.20	-0.14	0.134	0.16
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	8.96	1.27	0.07	0.371	0.47
	5GNR-n78	DFT-s QPSK100M	Bottom Side	0	650000	135	69	Speed	Ant 1	w/	-	1.00	10.00	8.96	1.27	0.06	0.119	0.15
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	633332	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.16	1.21	-0.05	0.447	0.54
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	640000	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.08	1.24	0.07	0.415	0.51
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	641666	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.14	1.22	0.05	0.375	0.46
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	643332	1	1	Speed	Ant 1	w/	-	1.00	10.00	9.09	1.23	0.07	0.404	0.50
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	650000	1	1	WNC	Ant 1	w/	-	1.00	10.00	9.20	1.20	0.06	0.451	0.54
	5GNR-n78	DFT-s QPSK100M	Rear Face	0	650000	1	1	Auden	Ant 1	w/	-	1.00	10.00	9.20	1.20	0.07	0.445	0.53



### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			Speed	Ant 0		97.00	1.03	14.00	13.96	1.01	-0.09	0.355	0.37
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			Speed	Ant 1		97.10	1.03	14.00	13.99	1.00	0.15	0.744	0.77
20	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	6			Speed	Ant 0+1		98.20	1.02	17.00	16.97	1.01	-0.02	0.812	0.84
	WLAN2.4G	802.11b	Rear Face	0	6			Speed	Ant 0		97.00	1.03	15.50	15.45	1.01	0.03	0.477	0.50
	WLAN2.4G	802.11b	Left Side	0	6			Speed	Ant 0		97.00	1.03	15.50	15.45	1.01	-0.05	0.056	0.06
	WLAN2.4G	802.11b	Right Side	0	6			Speed	Ant 0		97.00	1.03	15.50	15.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6			Speed	Ant 0		97.00	1.03	15.50	15.45	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6			Speed	Ant 0		97.00	1.03	15.50	15.45	1.01	-0.12	0.089	0.09
	WLAN2.4G	802.11b	Rear Face	0	6			Speed	Ant 1		97.10	1.03	15.50	15.47	1.01	-0.1	0.762	0.79
	WLAN2.4G	802.11b	Left Side	0	6			Speed	Ant 1		97.10	1.03	15.50	15.47	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	6			Speed	Ant 1		97.10	1.03	15.50	15.47	1.01	0.15	0.198	0.21
	WLAN2.4G	802.11b	Top Side	0	6			Speed	Ant 1		97.10	1.03	15.50	15.47	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	6			Speed	Ant 1		97.10	1.03	15.50	15.47	1.01	0.12	0.257	0.27
	WLAN2.4G	802.11n HT40	Rear Face	0	6			Speed	Ant 0+1		98.20	1.02	18.50	18.47	1.01	0.03	0.693	0.71
	WLAN2.4G	802.11n HT40	Left Side	0	6			Speed	Ant 0+1		98.20	1.02	18.50	18.47	1.01	-0.05	0.07	0.07
	WLAN2.4G	802.11n HT40	Right Side	0	6			Speed	Ant 0+1		98.20	1.02	18.50	18.47	1.01	0.05	0.171	0.18
	WLAN2.4G	802.11n HT40	Top Side	0	6			Speed	Ant 0+1		98.20	1.02	18.50	18.47	1.01	0	<0.001	0.00
	WLAN2.4G	802.11n HT40	Bottom Side	0	6			Speed	Ant 0+1		98.20	1.02	18.50	18.47	1.01	0.06	0.302	0.31
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	3			Speed	Ant 0+1		98.20	1.02	17.00	16.94	1.01	-0.01	0.573	0.59
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	9			Speed	Ant 0+1		98.20	1.02	17.00	16.94	1.01	-0.03	0.698	0.72
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	10			Speed	Ant 0+1		98.20	1.02	17.00	16.93	1.02	-0.03	0.716	0.74
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	11			Speed	Ant 0+1		98.20	1.02	17.00	16.88	1.03	0.11	0.704	0.74
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	6			Auden	Ant 0+1		98.20	1.02	17.00	16.97	1.01	-0.18	0.764	0.79
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	6			HB	Ant 0+1		98.20	1.02	17.00	16.97	1.01	-0.08	0.737	0.76
	WLAN2.4G	802.11n HT40	Bottom of Laptop	0	6			Speed	Ant 0+1		98.20	1.02	17.00	16.97	1.01	0.04	0.793	0.82





### Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	-0.11	0.479	0.51
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	-0.18	0.597	0.63
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	0.11	0.554	0.63
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	0.14	0.587	0.62
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	0.06	0.034	0.04
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Speed	Ant 0		95.30	1.05	10.50	10.45	1.01	0.06	0.142	0.15
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	-0.19	0.601	0.63
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	-0.02	0.059	0.06
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	0.03	0.086	0.09
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Speed	Ant 1		94.80	1.05	10.50	10.48	1.00	-0.15	0.376	0.39
21	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	0.02	0.751	0.85
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	-0.01	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	0.05	0.076	0.09
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			Speed	Ant 0+1		90.20	1.11	13.50	13.42	1.02	0.12	0.337	0.38
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			Auden	Ant 0+1		90.20	1.11	13.50	13.42	1.02	-0.08	0.69	0.78
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			HB	Ant 0+1		90.20	1.11	13.50	13.42	1.02	-0.18	0.715	0.81





**Body SAR Test Result**

Body SAR Test Result																		
System & Position								DUT Configuration				SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0.19	0.258	0.27
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	-0.03	0.241	0.26
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	0.01	0.283	0.32
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	-0.13	0.813	0.86
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0.05	0.04	0.04
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0.01	0.174	0.18
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	0.1	0.305	0.32
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Speed	Ant 1		94.80	1.05	11.00	10.95	1.01	-0.03	0.092	0.10
22	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	-0.19	0.717	0.80
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	0.08	0.04	0.04
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	-0.12	0.032	0.04
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			Speed	Ant 0+1		90.20	1.11	14.00	13.94	1.01	-0.13	0.181	0.20
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Auden	Ant 0		95.30	1.05	11.00	10.95	1.01	-0.1	0.685	0.73
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			HB	Ant 0		95.30	1.05	11.00	10.95	1.01	0.11	0.778	0.83
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			Speed	Ant 0		95.30	1.05	11.00	10.95	1.01	0.01	0.788	0.84



**Body SAR Test Result**

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	0.01	0.567	0.58
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	-0.19	0.626	0.64
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0.06	0.67	0.71
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	-0.13	0.803	0.83
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Speed	Ant 0		97.50	1.03	11.50	11.49	1.00	0.09	0.154	0.16
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	-0.18	0.715	0.74
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Speed	Ant 1		97.20	1.03	11.50	11.49	1.00	-0.08	0.262	0.27
24	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	-0.01	0.806	0.85
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0.19	0.056	0.06
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	-0.19	0.252	0.27
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Auden	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0.13	0.749	0.79
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			HB	Ant 0+1		94.60	1.06	14.50	14.49	1.00	-0.02	0.776	0.82
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Speed	Ant 0+1		94.60	1.06	14.50	14.49	1.00	0.13	0.789	0.84



Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	-0.13	0.53	0.56
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	0.01	0.651	0.70
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	-0.06	0.687	0.77
	WLAN5.9G	802.11ac VHT160	Rear Face	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	-0.04	0.676	0.72
	WLAN5.9G	802.11ac VHT160	Left Side	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	0.03	0.044	0.05
	WLAN5.9G	802.11ac VHT160	Right Side	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Top Side	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Bottom Side	0	163			Speed	Ant 0		95.30	1.05	12.00	11.95	1.01	0.02	0.104	0.11
	WLAN5.9G	802.11ac VHT160	Rear Face	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	0.15	0.547	0.59
	WLAN5.9G	802.11ac VHT160	Left Side	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Right Side	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Top Side	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Bottom Side	0	163			Speed	Ant 1		94.80	1.05	12.00	11.88	1.03	-0.09	0.251	0.27
25	WLAN5.9G	802.11ac VHT160	Rear Face	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	-0.05	0.779	0.87
	WLAN5.9G	802.11ac VHT160	Left Side	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	0.17	0.048	0.05
	WLAN5.9G	802.11ac VHT160	Right Side	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Top Side	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	0	<0.001	0.00
	WLAN5.9G	802.11ac VHT160	Bottom Side	0	163			Speed	Ant 0+1		90.20	1.11	15.00	14.96	1.01	0.04	0.197	0.22
	WLAN5.9G	802.11ac VHT160	Rear Face	0	163			Auden	Ant 0+1		90.20	1.11	15.00	14.96	1.01	-0.19	0.709	0.79
	WLAN5.9G	802.11ac VHT160	Rear Face	0	163			HB	Ant 0+1		90.20	1.11	15.00	14.96	1.01	-0.07	0.682	0.76
26	BT	BDR	Bottom of Laptop	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0.07	0.327	0.43
	BT	BDR	Rear Face	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0.02	0.1	0.13
	BT	BDR	Left Side	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0	<0.001	0.00
	BT	BDR	Right Side	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0.12	0.042	0.06
	BT	BDR	Top Side	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0	<0.001	0.00
	BT	BDR	Bottom Side	0	39			Speed	Ant 1		76.35	1.31	11.00	10.98	1.00	0.04	0.092	0.12
	BT	BDR	Bottom of Laptop	0	0			Speed	Ant 1		76.35	1.31	11.00	10.88	1.03	-0.17	0.306	0.41
	BT	BDR	Bottom of Laptop	0	78			Speed	Ant 1		76.35	1.31	11.00	10.90	1.02	-0.07	0.287	0.38
	BT	BDR	Bottom of Laptop	0	39			Auden	Ant 1		76.35	1.31	11.00	10.98	1.00	0.05	0.28	0.37
	BT	BDR	Bottom of Laptop	0	39			HB	Ant 1		76.35	1.31	11.00	10.98	1.00	-0.04	0.316	0.41



### Body SAR Test Result

System & Position								DUT Configuration		SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
27	RFID	ASK	Bottom of Laptop	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Rear Face	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Left Side	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Right Side	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Top Side	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Bottom Side	0	13.56			Speed	-	-	1.00	-	-	1.00	0	<0.001	0.00
	RFID	ASK	Bottom of Laptop	0	13.56			HB	-	-	1.00	-	-	1.00	0	<0.001	0.00

SAR and Power Density Test Result

System & Position						DUT Configuration			SAR											Power Density							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Sample	Ant Status	Power Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m <sup>2</sup> (4cm <sup>2</sup> )	Scaled APD W/m <sup>2</sup> (4cm <sup>2</sup> )	Grid Step [λ]	iPD [W/m <sup>2</sup> ]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm <sup>2</sup> ]	Power Drift [dB]	Normal psPD [W/m <sup>2</sup> ]	Scaled Normal psPD [W/m <sup>2</sup> ]	Total psPD [W/m <sup>2</sup> ]	Scaled Total psPD [W/m <sup>2</sup> ]
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	0.08	0.371	0.38	1.91	1.97									
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	-0.08	0.289	0.30	1.49	1.53									
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	-0.14	0.281	0.29	1.45	1.51									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	-0.11	0.335	0.35	1.73	1.78									
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	-0.09	0.031	0.03	0.162	0.17									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 0	Full	97.08	1.03	12.00	11.98	1.00	0.18	0.03	0.03	0.157	0.16									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	-0.01	0.609	0.63	3.14	3.23									
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	-0.11	0.096	0.10	0.498	0.51									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 1	Full	98.31	1.02	12.00	11.96	1.01	-0.14	0.21	0.22	1.08	1.11									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	-0.01	0.748	0.78	3.89	4.05	0.0522	15.82	1.545	4.00	-0.05	2.48	3.95	3.07	4.93
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	0.01	0.035	0.04	0.185	0.19									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	-0.03	0.108	0.11	0.562	0.58									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.97	1.01	0.08	0.255	0.27	1.31	1.36									
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	-0.07	0.36	0.37	1.86	1.92									
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	-0.05	0.28	0.29	1.44	1.48									
	UNII-5	802.11be HE320	Bottom of Laptop	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	0.04	0.273	0.28	1.41	1.47									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	-0.15	0.325	0.33	1.67	1.72									
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	-0.09	0.03	0.03	0.155	0.16									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 0	LPI	97.08	1.03	12.00	11.98	1.00	-0.05	0.029	0.03	0.149	0.15									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	-0.15	0.591	0.61	3.05	3.14									
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	0.06	0.093	0.10	0.48	0.49									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 1	LPI	98.31	1.02	12.00	11.96	1.01	-0.05	0.204	0.21	1.05	1.08									
	UNII-5	802.11be HE320	Rear Face	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	-0.09	0.732	0.76	3.78	3.93									
	UNII-5	802.11be HE320	Left Side	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	0.17	0.034	0.04	0.175	0.18									
	UNII-5	802.11be HE320	Right Side	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	-0.15	0.105	0.11	0.542	0.56									
	UNII-5	802.11be HE320	Top Side	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11be HE320	Bottom Side	0	63	Speed	Ant 0+1	LPI	96.70	1.03	15.00	14.97	1.01	-0.14	0.247	0.26	1.27	1.32									
	UNII-5	802.11be HE320	Rear Face	0	31	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.95	1.01	0.07	0.714	0.74	3.69	3.84									
	UNII-5	802.11be HE320	Rear Face	0	95	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.90	1.02	-0.13	0.749	0.79	3.97	4.17	0.0535	15.84	1.545	4.00	-0.14	2.52	4.01	3.12	5.06
	UNII-6	802.11ax HE160	Rear Face	0	111	Speed	Ant 0+1	Full	97.32	1.03	15.00	14.93	1.02	0.12	0.709	0.74	3.66	3.85									
	UNII-7	802.11be HE320	Rear Face	0	127	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.91	1.02	0.04	0.754	0.79	3.89	4.09	0.0549	15.94	1.545	4.00	0.15	2.54	4.04	3.14	5.1
	UNII-7	802.11be HE320	Rear Face	0	159	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.93	1.02	-0.03	0.729	0.77	3.76	3.95	0.0562	15.41	1.545	4.00	-0.02	2.45	3.9	3.04	4.93
28	UNII-8	802.11be HE320	Rear Face	0	191	Speed	Ant 0+1	Full	96.70	1.03	15.00	14.92	1.02	-0.19	0.774	0.81	4	4.2	0.0575	16.37	1.545	4.00	0.07	2.61	4.15	3.23	5.24
	UNII-8	802.11be HE320	Rear Face	0	191	Auden	Ant 0+1	Full	96.70	1.03	15.00	14.92	1.02	-0.15	0.669	0.70	3.45	3.62									
	UNII-8	802.11be HE320	Rear Face	0	191	HB	Ant 0+1	Full	96.70	1.03	15.00	14.92	1.02	0.06	0.735	0.77	3.8	3.99									

## Appendix G. SAR Measurement Variability

SAR repeated measurement are shown as below.



**Repeated SAR**

Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R01	WCDMA II	RMC12.2K	Top Side	9538	0.893	0.879	1.02
R02	WCDMA IV	RMC12.2K	Top Side	1413	0.871	0.858	1.02
R20	WLAN2.4G	802.11b	Bottom of Laptop	6	0.812	0.793	1.02
R22	WLAN5.6G	802.11ac VHT160	Rear Face	114	0.813	0.788	1.03
R23	WLAN5.8G	802.11ac VHT80	Rear Face	155	0.806	0.789	1.02

## Appendix H. Analysis of Simultaneous Transmission SAR and Total Exposure Ratio

The analysis of simultaneous transmission SAR are shown as below.

### <Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	MAX WWAN + MAX WLAN 2.4G + BT + RFID	Yes
B	MAX WWAN + MAX WLAN 5G + BT + RFID	Yes
C	MAX WWAN + MAX WLAN 6G + BT + RFID	Yes

#### Notes

1. The WLAN 2.4G, 5G and 6G cannot transmit simultaneously.
2. The transmitter of WWAN Ant 0 is more than 20 cm from Bottom of Laptop, there is no requirement for that position to evaluate simultaneous transmission.



Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
WCDMA II	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.15	0.79	0.87	0.81	0.13	0.00	1.07	1.15	1.09
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.31	0.21	0.09	0.11	0.06	0.00	0.58	0.46	0.48
	Top Side	1.02	0.00	0.00	0.00	0.00	0.00	1.02	1.02	1.02
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
WCDMA IV	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.08	0.79	0.87	0.81	0.13	0.00	1.00	1.08	1.02
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.11	0.21	0.09	0.11	0.06	0.00	0.38	0.26	0.28
	Top Side	1.01	0.00	0.00	0.00	0.00	0.00	1.01	1.01	1.01
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
WCDMA V	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.10	0.79	0.87	0.81	0.13	0.00	1.02	1.10	1.04
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.19	0.21	0.09	0.11	0.06	0.00	0.46	0.34	0.36
	Top Side	0.71	0.00	0.00	0.00	0.00	0.00	0.71	0.71	0.71
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 7	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.09	0.79	0.87	0.81	0.13	0.00	1.01	1.09	1.03
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.66	0.21	0.09	0.11	0.06	0.00	0.93	0.81	0.83
	Top Side	0.69	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.69
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 12	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.03	0.21	0.09	0.11	0.06	0.00	0.30	0.18	0.20
	Top Side	0.29	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.29
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 13	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.05	0.79	0.87	0.81	0.13	0.00	0.97	1.05	0.99
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.30	0.21	0.09	0.11	0.06	0.00	0.57	0.45	0.47
	Top Side	0.64	0.00	0.00	0.00	0.00	0.00	0.64	0.64	0.64
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 14	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.05	0.79	0.87	0.81	0.13	0.00	0.97	1.05	0.99
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.36	0.21	0.09	0.11	0.06	0.00	0.63	0.51	0.53
	Top Side	0.69	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.69
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 25	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.09	0.79	0.87	0.81	0.13	0.00	1.01	1.09	1.03
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.18	0.21	0.09	0.11	0.06	0.00	0.45	0.33	0.35
	Top Side	0.55	0.00	0.00	0.00	0.00	0.00	0.55	0.55	0.55
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 26	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.31	0.21	0.09	0.11	0.06	0.00	0.58	0.46	0.48
	Top Side	0.70	0.00	0.00	0.00	0.00	0.00	0.70	0.70	0.70
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 30	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.05	0.79	0.87	0.81	0.13	0.00	0.97	1.05	0.99
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.23	0.21	0.09	0.11	0.06	0.00	0.50	0.38	0.40
	Top Side	0.68	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.68
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 38	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.11	0.79	0.87	0.81	0.13	0.00	1.03	1.11	1.05
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.31	0.21	0.09	0.11	0.06	0.00	0.58	0.46	0.48
	Top Side	0.70	0.00	0.00	0.00	0.00	0.00	0.70	0.70	0.70
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
LTE 41	Bottom of Laptop	0.17	0.84	0.77	0.38	0.43	0.00	1.44	1.37	0.98
	Rear Face	0.59	0.79	0.87	0.81	0.13	0.00	1.51	1.59	1.53
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Bottom Side	0.12	0.31	0.39	0.27	0.12	0.00	0.55	0.63	0.51

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 42	Bottom of Laptop	0.09	0.84	0.77	0.38	0.43	0.00	1.36	1.29	0.90
	Rear Face	0.52	0.79	0.87	0.81	0.13	0.00	1.44	1.52	1.46
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.15	0.31	0.39	0.27	0.12	0.00	0.58	0.66	0.54
LTE 43	Bottom of Laptop	0.09	0.84	0.77	0.38	0.43	0.00	1.36	1.29	0.90
	Rear Face	0.53	0.79	0.87	0.81	0.13	0.00	1.45	1.53	1.47
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.31	0.39	0.27	0.12	0.00	0.59	0.67	0.55
LTE 48	Bottom of Laptop	0.11	0.84	0.77	0.38	0.43	0.00	1.38	1.31	0.92
	Rear Face	0.59	0.79	0.87	0.81	0.13	0.00	1.51	1.59	1.53
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.17	0.31	0.39	0.27	0.12	0.00	0.60	0.68	0.56
LTE 66	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.11	0.79	0.87	0.81	0.13	0.00	1.03	1.11	1.05
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.37	0.21	0.09	0.11	0.06	0.00	0.64	0.52	0.54
	Top Side	0.69	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.69
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 71	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.02	0.21	0.09	0.11	0.06	0.00	0.29	0.17	0.19
	Top Side	0.13	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.13
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n2	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.07	0.79	0.87	0.81	0.13	0.00	0.99	1.07	1.01
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.11	0.21	0.09	0.11	0.06	0.00	0.38	0.26	0.28
	Top Side	0.68	0.00	0.00	0.00	0.00	0.00	0.68	0.68	0.68
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n5	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.05	0.79	0.87	0.81	0.13	0.00	0.97	1.05	0.99
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.13	0.21	0.09	0.11	0.06	0.00	0.40	0.28	0.30
	Top Side	0.67	0.00	0.00	0.00	0.00	0.00	0.67	0.67	0.67
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n7	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.06	0.79	0.87	0.81	0.13	0.00	0.98	1.06	1.00
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.33	0.21	0.09	0.11	0.06	0.00	0.60	0.48	0.50
	Top Side	0.69	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.69
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
5G NR-n12	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.08	0.07	0.06	0.04	0.00	0.00	0.15	0.14	0.12
	Right Side	0.10	0.21	0.09	0.11	0.06	0.00	0.37	0.25	0.27
	Top Side	0.43	0.00	0.00	0.00	0.00	0.00	0.43	0.43	0.43
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n13	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.11	0.21	0.09	0.11	0.06	0.00	0.38	0.26	0.28
	Top Side	0.66	0.00	0.00	0.00	0.00	0.00	0.66	0.66	0.66
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n14	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.06	0.21	0.09	0.11	0.06	0.00	0.33	0.21	0.23
	Top Side	0.64	0.00	0.00	0.00	0.00	0.00	0.64	0.64	0.64
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n25	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.06	0.79	0.87	0.81	0.13	0.00	0.98	1.06	1.00
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.14	0.21	0.09	0.11	0.06	0.00	0.41	0.29	0.31
	Top Side	0.65	0.00	0.00	0.00	0.00	0.00	0.65	0.65	0.65
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
5GNR-n26	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.04	0.21	0.09	0.11	0.06	0.00	0.31	0.19	0.21
	Top Side	0.51	0.00	0.00	0.00	0.00	0.00	0.51	0.51	0.51
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5GNR-n30	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.05	0.79	0.87	0.81	0.13	0.00	0.97	1.05	0.99
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.20	0.21	0.09	0.11	0.06	0.00	0.47	0.35	0.37
	Top Side	0.66	0.00	0.00	0.00	0.00	0.00	0.66	0.66	0.66
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5GNR-n38	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.15	0.21	0.09	0.11	0.06	0.00	0.42	0.30	0.32
	Top Side	0.29	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.29
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5GNR-n41	Bottom of Laptop	0.17	0.84	0.77	0.38	0.43	0.00	1.44	1.37	0.98
	Rear Face	0.56	0.79	0.87	0.81	0.13	0.00	1.48	1.56	1.50
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Bottom Side	0.16	0.31	0.39	0.27	0.12	0.00	0.59	0.67	0.55

Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
5G NR-n48	Bottom of Laptop	0.09	0.84	0.77	0.38	0.43	0.00	1.36	1.29	0.90
	Rear Face	0.56	0.79	0.87	0.81	0.13	0.00	1.48	1.56	1.50
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.17	0.31	0.39	0.27	0.12	0.00	0.60	0.68	0.56
5G NR-n66	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.02	0.79	0.87	0.81	0.13	0.00	0.94	1.02	0.96
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.09	0.21	0.09	0.11	0.06	0.00	0.36	0.24	0.26
	Top Side	0.67	0.00	0.00	0.00	0.00	0.00	0.67	0.67	0.67
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n70	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.02	0.79	0.87	0.81	0.13	0.00	0.94	1.02	0.96
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.09	0.21	0.09	0.11	0.06	0.00	0.36	0.24	0.26
	Top Side	0.65	0.00	0.00	0.00	0.00	0.00	0.65	0.65	0.65
	Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39
5G NR-n71	Bottom of Laptop	0.00	0.84	0.77	0.38	0.43	0.00	1.27	1.20	0.81
	Rear Face	0.00	0.79	0.87	0.81	0.13	0.00	0.92	1.00	0.94
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.02	0.21	0.09	0.11	0.06	0.00	0.29	0.17	0.19
	Top Side	0.21	0.00	0.00	0.00	0.00	0.00	0.21	0.21	0.21
Bottom Side	0.00	0.31	0.39	0.27	0.12	0.00	0.43	0.51	0.39	



Simultaneous Transmission SAR Evaluation (Body)

Band	Position	1	2	3	4	5	6	A(1+2+5+6)	B(1+3+5+6)	C(1+4+5+6)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT Ant 1	MAX RFID	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
5G NR-n77	Bottom of Laptop	0.09	0.84	0.77	0.38	0.43	0.00	1.36	1.29	0.90
	Rear Face	0.56	0.79	0.87	0.81	0.13	0.00	1.48	1.56	1.50
	Left Side	0.00	0.07	0.06	0.04	0.00	0.00	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.00	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.31	0.39	0.27	0.12	0.00	0.59	0.67	0.55
5G NR-n78	Bottom of Laptop	0.09	0.84	0.77	0.38	0.43	0.84	1.36	1.29	0.90
	Rear Face	0.55	0.79	0.87	0.81	0.13	0.87	1.47	1.55	1.49
	Left Side	0.00	0.07	0.06	0.04	0.00	0.07	0.07	0.06	0.04
	Right Side	0.00	0.21	0.09	0.11	0.06	0.18	0.27	0.15	0.17
	Top Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.31	0.39	0.27	0.12	0.38	0.59	0.67	0.55

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
WCDMA II	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.15	5.24	0.13	0.00	0.70
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.31	0.00	0.06	0.00	0.23
	Top Side	1.02	0.00	0.00	0.00	0.64
	Bottom Side	0.00	0.00	0.12	0.00	0.08
WCDMA IV	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.08	5.24	0.13	0.00	0.66
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.11	0.00	0.06	0.00	0.11
	Top Side	1.01	0.00	0.00	0.00	0.63
	Bottom Side	0.00	0.00	0.12	0.00	0.08
WCDMA V	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.10	5.24	0.13	0.00	0.67
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.19	0.00	0.06	0.00	0.16
	Top Side	0.71	0.00	0.00	0.00	0.44
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 7	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.09	5.24	0.13	0.00	0.66
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.66	0.00	0.06	0.00	0.45
	Top Side	0.69	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 12	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.03	0.00	0.06	0.00	0.06
	Top Side	0.29	0.00	0.00	0.00	0.18
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 13	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.05	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.30	0.00	0.06	0.00	0.23
	Top Side	0.64	0.00	0.00	0.00	0.40
	Bottom Side	0.00	0.00	0.12	0.00	0.08

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
LTE 14	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.05	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.36	0.00	0.06	0.00	0.26
	Top Side	0.69	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 25	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.09	5.24	0.13	0.00	0.66
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.18	0.00	0.06	0.00	0.15
	Top Side	0.55	0.00	0.00	0.00	0.34
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 26	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.31	0.00	0.06	0.00	0.23
	Top Side	0.70	0.00	0.00	0.00	0.44
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 30	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.05	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.23	0.00	0.06	0.00	0.18
	Top Side	0.68	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 38	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.11	5.24	0.13	0.00	0.67
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.31	0.00	0.06	0.00	0.23
	Top Side	0.70	0.00	0.00	0.00	0.44
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 41	Bottom of Laptop	0.17	0.00	0.43	0.00	0.38
	Rear Face	0.59	5.24	0.13	0.00	0.97
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.12	0.00	0.12	0.00	0.15

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
LTE 42	Bottom of Laptop	0.09	0.00	0.43	0.00	0.33
	Rear Face	0.52	5.24	0.13	0.00	0.93
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.15	0.00	0.12	0.00	0.17
LTE 43	Bottom of Laptop	0.09	0.00	0.43	0.00	0.33
	Rear Face	0.53	5.24	0.13	0.00	0.94
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.00	0.12	0.00	0.18
LTE 48	Bottom of Laptop	0.11	0.00	0.43	0.00	0.34
	Rear Face	0.59	5.24	0.13	0.00	0.97
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.17	0.00	0.12	0.00	0.18
LTE 66	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.11	5.24	0.13	0.00	0.67
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.37	0.00	0.06	0.00	0.27
	Top Side	0.69	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08
LTE 71	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.02	0.00	0.06	0.00	0.05
	Top Side	0.13	0.00	0.00	0.00	0.08
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5GNR-n2	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.07	5.24	0.13	0.00	0.65
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.11	0.00	0.06	0.00	0.11
	Top Side	0.68	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
5G NR-n5	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.05	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.13	0.00	0.06	0.00	0.12
	Top Side	0.67	0.00	0.00	0.00	0.42
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n7	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.06	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.33	0.00	0.06	0.00	0.24
	Top Side	0.69	0.00	0.00	0.00	0.43
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n12	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.08	0.00	0.00	0.00	0.05
	Right Side	0.10	0.00	0.06	0.00	0.10
	Top Side	0.43	0.00	0.00	0.00	0.27
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n13	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.11	0.00	0.06	0.00	0.11
	Top Side	0.66	0.00	0.00	0.00	0.41
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n14	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.06	0.00	0.06	0.00	0.08
	Top Side	0.64	0.00	0.00	0.00	0.40
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n25	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.06	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.14	0.00	0.06	0.00	0.13
	Top Side	0.65	0.00	0.00	0.00	0.41
	Bottom Side	0.00	0.00	0.12	0.00	0.08

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
5GNR-n26	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.04	0.00	0.06	0.00	0.06
	Top Side	0.51	0.00	0.00	0.00	0.32
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5GNR-n30	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.05	5.24	0.13	0.00	0.64
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.20	0.00	0.06	0.00	0.16
	Top Side	0.66	0.00	0.00	0.00	0.41
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5GNR-n38	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.15	0.00	0.06	0.00	0.13
	Top Side	0.29	0.00	0.00	0.00	0.18
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5GNR-n41	Bottom of Laptop	0.17	0.00	0.43	0.00	0.38
	Rear Face	0.56	5.24	0.13	0.00	0.96
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.00	0.12	0.00	0.18
5GNR-n48	Bottom of Laptop	0.09	0.00	0.43	0.00	0.33
	Rear Face	0.56	5.24	0.13	0.00	0.96
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.17	0.00	0.12	0.00	0.18
5GNR-n66	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.02	5.24	0.13	0.00	0.62
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.09	0.00	0.06	0.00	0.09
	Top Side	0.67	0.00	0.00	0.00	0.42
	Bottom Side	0.00	0.00	0.12	0.00	0.08

Total Exposure Ratio						
Band	Position	1	4	5	6	C(1+4+5+6)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Max RFID	Total Exposure Ratio
		1g SAR W/kg	4cm <sup>2</sup> W/m <sup>2</sup>	1g SAR W/kg	1g SAR W/kg	
5G NR-n70	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.02	5.24	0.13	0.00	0.62
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.09	0.00	0.06	0.00	0.09
	Top Side	0.65	0.00	0.00	0.00	0.41
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n71	Bottom of Laptop	0.00	0.00	0.43	0.00	0.27
	Rear Face	0.00	5.24	0.13	0.00	0.61
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.02	0.00	0.06	0.00	0.05
	Top Side	0.21	0.00	0.00	0.00	0.13
	Bottom Side	0.00	0.00	0.12	0.00	0.08
5G NR-n77	Bottom of Laptop	0.09	0.00	0.43	0.00	0.33
	Rear Face	0.56	5.24	0.13	0.00	0.96
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.00	0.12	0.00	0.18
5G NR-n78	Bottom of Laptop	0.09	0.00	0.43	0.00	0.33
	Rear Face	0.55	5.24	0.13	0.00	0.95
	Left Side	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.00	0.06	0.00	0.04
	Top Side	0.00	0.00	0.00	0.00	0.00
	Bottom Side	0.16	0.00	0.12	0.00	0.18

## Appendix J. 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	CLA13	1018	Mar. 20, 2023	1 Year
System Validation Dipole	SPEAG	D750V3	1013	Aug. 21, 2023	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 21, 2023	1 Year
System Validation Dipole	SPEAG	D1750V2	1055	Sep. 21, 2023	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Feb. 17, 2023	1 Year
System Validation Dipole	SPEAG	D2300V2	1004	Feb. 15, 2023	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Feb. 20, 2023	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 18, 2023	1 Year
System Validation Dipole	SPEAG	D3500V2	1007	Jan. 22, 2023	1 Year
System Validation Dipole	SPEAG	D3700V2	1017	Feb. 23, 2023	1 Year
System Validation Dipole	SPEAG	D3900V2	1020	Feb. 23, 2023	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 22, 2023	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1145	Feb. 16, 2023	1 Year
System Validation Dipole	SPEAG	D6.5GHzV2	1008	Sep. 21, 2023	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	Jan. 19, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Sep. 19, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3971	Jan. 20, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7472	Oct. 23, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7720	Mar. 23, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7778	Nov. 22, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7797	Jan. 08, 2024	1 Year
E-Field Probe	SPEAG	EUmmWV4	9615	Jul. 10, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1341	Sep. 13, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1589	May 24, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1590	Sep. 14, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1698	Nov. 17, 2023	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6201381727	Aug. 09, 2023	1 Year
Universal Radio Communication Tester	Anritsu	MT8000A	6272278610	Aug. 16, 2023	1 Year
Analog Signal Generator	R&S	SMA100B	104417	Oct. 23, 2023	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Jul. 07, 2023	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262296569	Aug. 16, 2023	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 11, 2023	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	May. 23, 2023	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May. 22, 2023	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	1052	Jul. 13, 2023	1 Year