LTE Band 71 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	25.27	24.91	23.92
15	1	37		25.2	24.18	23.72
15	1	74		24.52	24.11	23.64
15	36	0		23.86	23.15	23
15	36	18		23.87	23.05	22.77
15	36	39		23.85	23.06	23.18
15	75	0		23.79	23.09	22.72
15	1	0	16-QAM	24.87	24.81	23.87
15	1	38		24.74	24.06	23.65
15	1	75		24.2	23.98	23.61
15	36	0		23.25	22.72	21.9
15	36	18		23.32	22.64	22.11
15	36	39		22.9	22.59	22.09
15	75	0		23.36	22.48	22.31
20	1	0	QPSK	25.34	23.65	23.2
20	1	49		25.4	23.54	23.45
20	1	99		25.43	23.53	23.08
20	50	0		23.92	23.12	22.6
20	50	24		23.87	23.16	23.02
20	50	49		23.99	23.02	23.01
20	100	0		23.9	23.16	23.02
20	1	0	16-QAM	24.87	24.37	23.88
20	1	49		24.89	24.24	23.68
20	1	99		24.9	24.12	23.64
20	50	0		23.26	22.65	22.11
20	50	24		23.25	22.59	22.08
20	50	49		23.19	22.58	22.01
20	100	0		23.23	22.61	22.01

Hotspot mode:

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	21.54	21.59	21.84
1.4	1	2		21.61	21.45	21.86
1.4	1	5		21.63	21.41	21.81
1.4	3	0		21.45	21.45	21.87
1.4	3	1		21.53	21.52	21.9
1.4	3	2		21.54	21.46	21.8
1.4	6	0		20.52	20.42	20.98
1.4	1	0	16-QAM	21.39	20.54	21.14
1.4	1	2		21.41	20.49	21.26
1.4	1	5		21.48	20.47	21.21
1.4	3	0		20.73	20.47	21.31
1.4	3	1		20.76	20.53	21.31
1.4	3	2		20.76	20.5	21.24
1.4	6	0		19.78	19.45	20.68
3	1	0	QPSK	21.5	21.28	21.73
3	1	7		21.45	21.43	21.88
3	1	14		21.53	21.45	21.84
3	8	0		20.57	20.53	20.85
3	8	4		20.48	20.6	20.89
3	8	7		20.57	20.6	20.79
3	15	0		20.58	20.56	20.84
3	1	0	16-QAM	21.45	20.51	21.12
3	1	7		21.55	20.47	21.09
3	1	14		21.6	20.51	21.24
3	8	0		19.99	19.46	20.97
3	8	4		20.16	19.56	21.01
3	8	7		20.25	19.57	20.97
3	15	0		20.18	19.51	21.1

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	21.44	21.43	21.74
5	1	12		21.39	21.5	21.77
5	1	24		21.49	21.53	21.84
5	12	0		20.51	20.44	20.74
5	12	6		20.5	20.53	20.71
5	12	11		20.45	20.46	20.76
5	25	0		20.53	20.5	20.92
5	1	0	16-QAM	20.68	20.53	20.66
5	1	12		20.61	20.63	20.81
5	1	24		20.6	20.6	20.9
5	12	0		19.03	19.44	20.81
5	12	6		19.39	19.66	20.84
5	12	11		19.52	19.62	20.62
5	25	0		19.3	19.62	20.7
10	1	0	QPSK	21.59	21.6	21.59
10	1	24		21.61	21.78	21.8
10	1	49		21.54	21.72	21.95
10	25	0		20.58	20.43	20.6
10	25	12		20.53	20.6	20.78
10	25	24		20.51	20.46	20.82
10	50	0		20.61	20.44	20.83
10	1	0	16-QAM	21.61	20.43	20.59
10	1	24		21.62	20.48	21.08
10	1	49		21.63	20.57	21.23
10	25	0		18.94	18.61	21.44
10	25	12		19.46	18.83	21.19
10	25	24		20.02	19.22	21.02
10	50	0		19.54	18.97	21.26

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.46	21.54	21.7
15	1	37		21.46	21.65	21.71
15	1	74		21.41	21.81	22.05
15	36	0		20.58	20.36	20.63
15	36	18		20.51	20.48	20.64
15	36	39		20.43	20.61	20.77
15	75	0		20.48	20.66	20.72
15	1	0	16-QAM	20.18	19.95	20.65
15	1	38		20.21	20.02	20.61
15	1	75		20.12	20.22	20.89
15	36	0		18.43	18.23	21.71
15	36	18		18.82	18.07	21.09
15	36	39		19.22	18.73	20.51
15	75	0		18.84	18.52	21.18
20	1	0	QPSK	21.6	21.57	22.38
20	1	49		21.64	21.66	21.52
20	1	99		21.56	21.66	21.86
20	50	0		20.58	20.52	20.69
20	50	24		20.43	20.58	20.67
20	50	49		20.6	20.67	20.91
20	100	0		20.5	20.45	20.71
20	1	0	16-QAM	21.68	20.49	21.47
20	1	49		21.67	20.56	21.52
20	1	99		21.63	20.63	21.79
20	50	0		19.35	19.06	21.53
20	50	24		19.84	19.18	21.94
20	50	49		20.23	19.52	21.5
20	100	0		19.84	19.24	22.08

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	21.18	21.04	20.74
1.4	1	2		21.2	21.09	20.75
1.4	1	5		21.24	20.94	20.92
1.4	3	0		20.7	20.79	20.78
1.4	3	1		20.75	20.8	20.79
1.4	3	2		20.75	20.8	20.71
1.4	6	0		19.75	19.75	19.79
1.4	1	0	16-QAM	20.88	20.76	20.96
1.4	1	2		20.85	20.83	20.99
1.4	1	5		20.85	20.8	20.92
1.4	3	0		20.01	19.84	20.23
1.4	3	1		20.01	19.87	20.2
1.4	3	2		20	19.85	20.18
1.4	6	0		19.39	18.7	19.28
3	1	0	QPSK	21.41	20.27	20.74
3	1	7		21.37	20.25	20.86
3	1	14		21.33	20.34	20.83
3	8	0		20.54	19.14	20.27
3	8	4		20.6	19.24	20.33
3	8	7		20.55	19.25	20.23
3	15	0		19.89	19.77	19.9
3	1	0	16-QAM	20.84	20.97	20.99
3	1	7		20.83	20.98	21.03
3	1	14		20.73	21.01	20.94
3	8	0		19.79	19.77	19.75
3	8	4		19.86	19.86	19.74
3	8	7		19.66	19.77	19.82
3	15	0		20.58	19.17	20.4

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	20.77	20.72	20.64
5	1	12		20.65	20.65	20.74
5	1	24		20.68	20.8	20.67
5	12	0		19.83	19.77	19.84
5	12	6		19.8	19.88	19.88
5	12	11		19.69	19.81	19.88
5	25	0		19.7	19.74	19.82
5	1	0	16-QAM	20.46	19.93	20.31
5	1	12		20.38	19.9	20.38
5	1	24		20.44	19.94	20.35
5	12	0		19.47	18.85	19.93
5	12	6		19.62	19.1	19.98
5	12	11		19.5	19.04	19.73
5	25	0		19.45	19.02	19.81
10	1	0	QPSK	20.7	20.81	20.9
10	1	24		20.7	20.88	20.98
10	1	49		20.69	20.9	20.88
10	25	0		19.76	19.73	19.93
10	25	12		19.69	19.74	19.81
10	25	24		19.86	19.84	19.94
10	50	0		19.73	19.83	19.8
10	1	0	16-QAM	19.97	20.14	20.51
10	1	24		19.9	20.21	20.54
10	1	49		19.97	20.2	20.48
10	25	0		17.38	18.26	20.28
10	25	12		17.58	18.52	19.74
10	25	24		18.27	18.93	19.48
10	50	0		17.81	18.64	19.9

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.33	20.23	20.99
15	1	37		21.32	20.98	20.89
15	1	74		21.44	21.01	20.9
15	36	0		19.45	19.46	21.12
15	36	18		19.57	19.69	20.68
15	36	39		20.03	20.01	20.4
15	75	0		19.84	19.81	19.82
15	1	0	16-QAM	20.72	20.99	20.87
15	1	38		20.83	20.93	20.87
15	1	75		20.87	21.06	20.85
15	36	0		19.68	19.75	19.72
15	36	18		19.75	19.76	19.88
15	36	39		19.91	19.78	19.82
15	75	0		19.73	19.67	20.86
20	1	0	QPSK	21.34	20.24	20.38
20	1	49		21.37	20.27	20.31
20	1	99		21.44	20.3	20.33
20	50	0		19.67	19.78	19.71
20	50	24		19.8	19.81	19.86
20	50	49		19.79	19.88	19.81
20	100	0		19.68	19.74	19.74
20	1	0	16-QAM	20.82	20.98	20.89
20	1	49		20.8	20.93	20.86
20	1	99		20.85	21.05	20.79
20	50	0		19.58	18.2	20.09
20	50	24		19.72	18.48	19.91
20	50	49		20.11	18.86	19.89
20	100	0		19.85	18.59	20.02

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	20.69	20.54	20.55
5	1	12		20.62	20.63	20.58
5	1	24		20.58	20.59	20.7
5	12	0		20.3	20.23	20.57
5	12	6		20.36	20.29	20.55
5	12	11		20.15	20.07	20.21
5	25	0		20.22	20.15	20.38
5	1	0	16-QAM	19.97	20.04	20.39
5	1	12		20.32	20.37	20.6
5	1	24		19.75	19.75	19.77
5	12	0		19.42	19.81	19.41
5	12	6		19.52	19.89	19.44
5	12	11		19.33	19.67	19.13
5	25	0		19.47	19.7	19.28
10	1	0	QPSK	20.67	20.81	20.8
10	1	24		20.6	20.89	20.72
10	1	49		20.56	20.92	20.8
10	25	0		19.63	20.04	20.21
10	25	12		19.59	19.97	20.17
10	25	24		19.65	19.99	20.12
10	50	0		19.62	19.99	20.13
10	1	0	16-QAM	20.15	20.07	19.52
10	1	24		20.12	20.03	19.62
10	1	49		20.23	20.02	19.35
10	25	0		19.78	19.99	19.76
10	25	12		19.76	19.94	19.75
10	25	24		19.86	19.97	19.71
10	50	0		19.81	20.03	19.73

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	20.66	20.74	20.74
15	1	37		20.52	20.84	20.79
15	1	74		20.41	20.84	20.83
15	36	0		19.75	20.63	20.62
15	36	18		19.48	20.31	20.54
15	36	39		19.48	20.19	20.44
15	75	0		19.58	20.37	20.49
15	1	0	16-QAM	20.17	19.95	19.84
15	1	38		19.77	19.55	19.88
15	1	75		19.78	19.23	19.43
15	36	0		19.85	20.26	19.68
15	36	18		19.63	19.96	19.64
15	36	39		19.65	19.86	19.55
15	75	0		19.72	19.99	19.69
20	1	0	QPSK	20.56	20.69	20.88
20	1	49		20.34	20.91	20.93
20	1	99		20.41	20.96	21.01
20	50	0		19.17	20.54	20.61
20	50	24		18.79	20.06	20.51
20	50	49		18.98	19.97	20.6
20	100	0		19.05	20.23	20.56
20	1	0	16-QAM	19.84	20.11	20.31
20	1	49		18.94	19.17	20.06
20	1	99		19.67	19.18	19.94
20	50	0		19.85	20.5	19.88
20	50	24		19.52	20.03	19.81
20	50	49		19.74	19.96	19.9
20	100	0		19.74	20.23	19.86

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	21.6	21.44	22.04
1.4	1	2		21.66	21.41	22.19
1.4	1	5		21.62	21.47	22.1
1.4	3	0		21.55	21.49	21.98
1.4	3	1		21.47	21.56	22.13
1.4	3	2		21.49	21.52	22.13
1.4	6	0		20.61	20.52	21.24
1.4	1	0	16-QAM	21.42	20.6	21.18
1.4	1	2		21.45	20.59	21.39
1.4	1	5		21.45	20.59	21.31
1.4	3	0		20.75	20.56	21.39
1.4	3	1		20.74	20.53	21.45
1.4	3	2		20.75	20.52	21.43
1.4	6	0		19.64	19.37	20.58
3	1	0	QPSK	21.54	21.4	22.03
3	1	7		21.54	21.45	22.03
3	1	14		21.56	21.47	22.16
3	8	0		20.45	20.56	21.08
3	8	4		20.59	20.65	21.08
3	8	7		20.5	20.6	21.07
3	15	0		20.58	20.57	21.06
3	1	0	16-QAM	21.59	20.57	21.34
3	1	7		21.65	20.54	21.23
3	1	14		21.68	20.58	21.35
3	8	0		19.96	19.35	20.75
3	8	4		20.11	19.44	20.83
3	8	7		20.19	19.47	20.8
3	15	0		20.1	19.37	20.87

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	21.5	21.43	21.82
5	1	12		21.51	21.46	21.95
5	1	24		21.46	21.51	22.05
5	12	0		20.65	20.59	20.98
5	12	6		20.62	20.48	21.13
5	12	11		20.52	20.59	21.02
5	25	0		20.54	20.53	21.16
5	1	0	16-QAM	20.67	20.56	21.57
5	1	12		20.62	20.65	21.61
5	1	24		20.68	20.67	21.62
5	12	0		18.87	19.29	20.59
5	12	6		19.22	19.52	20.83
5	12	11		19.33	19.5	20.8
5	25	0		19.09	19.45	20.66
10	1	0	QPSK	21.47	21.76	21.79
10	1	24		21.43	21.69	21.97
10	1	49		21.5	21.8	22.25
10	25	0		20.47	20.46	20.81
10	25	12		20.44	20.56	20.84
10	25	24		20.64	20.65	21.15
10	50	0		20.53	20.66	20.9
10	1	0	16-QAM	21.54	20.54	20.72
10	1	24		21.54	20.6	20.84
10	1	49		21.53	20.71	21
10	25	0		19.05	18.73	19.9
10	25	12		19.54	18.98	19.87
10	25	24		20.09	19.37	20.23
10	50	0		19.59	19.09	20.06

LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.51	21.68	21.55
15	1	37		21.44	21.77	21.75
15	1	74		21.47	21.83	22.07
15	36	0		20.49	20.55	20.78
15	36	18		20.49	20.51	20.79
15	36	39		20.53	20.7	20.98
15	75	0		20.49	20.48	20.84
15	1	0	16-QAM	21.54	21.22	21.42
15	1	38		21.67	21.24	21.58
15	1	75		21.6	21.34	21.95
15	36	0		19.6	19.89	21.38
15	36	18		20.06	20.05	20.85
15	36	39		20.42	20.35	20.82
15	75	0		20.02	20.06	21.15
20	1	0	QPSK	21.47	21.56	21.69
20	1	49		21.47	21.75	21.9
20	1	99		21.46	21.81	22.28
20	50	0		20.42	20.52	20.61
20	50	24		20.46	20.53	20.72
20	50	49		20.44	20.58	21
20	100	0		20.59	20.63	20.8
20	1	0	16-QAM	20.25	20.14	20.52
20	1	49		20.19	20.27	20.7
20	1	99		20.19	20.41	21.05
20	50	0		18.41	18.8	20.83
20	50	24		18.77	18.74	19.89
20	50	49		19.18	19.31	19.6
20	100	0		18.75	19.07	20.25

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	21.32	21.17	21.1
1.4	1	2		21.21	21.22	21.13
1.4	1	5		21.31	21.27	21.15
1.4	3	0		21.18	21.24	21.19
1.4	3	1		21.24	21.26	21.2
1.4	3	2		21.18	21.24	21.17
1.4	6	0		20.13	20.25	20.28
1.4	1	0	16-QAM	21.15	20.86	20.46
1.4	1	2		21.07	20.81	20.51
1.4	1	5		21.22	20.83	20.49
1.4	3	0		20.34	20	20.64
1.4	3	1		20.32	20	20.58
1.4	3	2		20.34	20.02	20.56
1.4	6	0		20.25	19.22	19.35
3	1	0	QPSK	21.28	21.2	21.14
3	1	7		21.26	21.1	21.15
3	1	14		21.2	21.28	21.21
3	8	0		20.19	20.27	20.27
3	8	4		20.22	20.24	20.24
3	8	7		20.15	20.22	20.2
3	15	0		20.14	20.31	20.3
3	1	0	16-QAM	21.4	20.88	20.52
3	1	7		21.34	20.69	20.53
3	1	14		21.35	20.87	20.51
3	8	0		20.99	20.17	20.17
3	8	4		21.07	20.19	20.18
3	8	7		21.05	20.08	20.04
3	15	0		21.08	20.15	20.24

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	21.17	21.16	21.18
5	1	12		21.06	21.18	21.14
5	1	24		21.18	21.21	21.14
5	12	0		20.21	20.24	20.18
5	12	6		20.11	20.25	20.24
5	12	11		20.17	20.35	20.22
5	25	0		20.18	20.32	20.23
5	1	0	16-QAM	20.41	19.94	20.16
5	1	12		20.37	19.9	20.14
5	1	24		20.4	20.02	20.14
5	12	0		20.07	19.44	19.91
5	12	6		20.26	19.5	20.01
5	12	11		20.15	19.23	19.73
5	25	0		20.12	19.46	19.82
10	1	0	QPSK	21.17	21.41	21.37
10	1	24		21.14	21.4	21.31
10	1	49		21.21	21.48	21.33
10	25	0		20.19	20.32	20.25
10	25	12		20.2	20.33	20.28
10	25	24		20.34	20.34	20.22
10	50	0		20.27	20.29	20.34
10	1	0	16-QAM	21.21	20.23	20.32
10	1	24		21.2	20.18	20.25
10	1	49		21.28	20.21	20.14
10	25	0		19.89	19.54	19.58
10	25	12		20.08	19.46	19.71
10	25	24		20.43	19.45	19.83
10	50	0		20.19	19.59	19.75

LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.26	21.41	21.21
15	1	37		21.29	21.39	21.21
15	1	74		21.3	21.38	21.22
15	36	0		20.21	20.27	20.26
15	36	18		20.31	20.27	20.23
15	36	39		20.36	20.32	20.31
15	75	0		20.32	20.28	20.26
15	1	0	16-QAM	21.17	20.22	20.8
15	1	38		21.33	20.12	20.8
15	1	75		21.35	20.14	20.73
15	36	0		19.84	20.06	20.16
15	36	18		19.98	19.81	20.17
15	36	39		20.41	19.57	20.24
15	75	0		20.14	19.83	20.32
20	1	0	QPSK	21.1	21.47	21.37
20	1	49		21.16	21.4	21.43
20	1	99		21.27	21.52	21.39
20	50	0		20.26	20.33	20.28
20	50	24		20.26	20.32	20.37
20	50	49		20.31	20.26	20.31
20	100	0		20.31	20.33	20.27
20	1	0	16-QAM	19.9	20.17	20.57
20	1	49		19.86	20.18	20.64
20	1	99		19.98	20.04	20.52
20	50	0		17.74	19.95	19.48
20	50	24		17.98	19.47	19.42
20	50	49		18.64	19.28	19.64
20	100	0		18.22	19.69	19.58

10.2 Tune Up Power

Mode	GSM850	GSM1900	GSM1900(Hotspot)
GSM/PCS	33.5±1dBm	30±1dBm	30±1dBm
GPRS (1 Slot)	33.5±1dBm	30±1dBm	27±1dBm
GPRS (2 Slot)	31.5±1dBm	28±1dBm	26.5±1dBm
GPRS (3 Slot)	29.5±1dBm	26.5±1dBm	24.5±1dBm
GPRS (4 Slot)	27.5±1dBm	24±1dBm	23±1dBm
EDGE (1 Slot)	26±1dBm	26.5±1dBm	24±1dBm
EDGE (2 Slot)	25.5±1dBm	24.5±1dBm	22.5±1dBm
EDGE (3 Slot)	23±1dBm	22.5±1dBm	19.5±1dBm
EDGE (4 Slot)	21±1dBm	21±1dBm	18.5±1dBm

Mode	WCDMA Band II	WCDMA Band II (Hotspot)	WCDMA Band IV	WCDMA Band IV (Hotspot)	WCDMA Band V
RMR	22.8±1dBm	20±1dBm	23±1dBm	20±1dBm	23.5±1dBm
HSDPA Subtest-1	22.8±1dBm	20.5±1dBm	23.5±1dBm	20.5±1dBm	23.5±1dBm
HSDPA Subtest-2	22.5±1dBm	20±1dBm	23±1dBm	20.5±1dBm	23.5±1dBm
HSDPA Subtest-3	22±1dBm	19.5±1dBm	23±1dBm	20.5±1dBm	23±1dBm
HSDPA Subtest-4	22±1dBm	19.5±1dBm	23±1dBm	20±1dBm	23±1dBm
HSUPA Subtest-1	22.8±1dBm	20±1dBm	23.5±1dBm	20.5±1dBm	23.5±1dBm
HSUPA Subtest-2	22.8±1dBm	20±1dBm	23.5±1dBm	20.5±1dBm	23.5±1dBm
HSUPA Subtest-3	22.5±1dBm	19.5±1dBm	23.5±1dBm	20.5±1dBm	23.5±1dBm
HSUPA Subtest-4	22.5±1dBm	20±1dBm	23.5±1dBm	20.5±1dBm	23.5±1dBm
HSUPA Subtest-5	22.5±1dBm	19.5±1dBm	23±1dBm	20.5±1dBm	23±1dBm

Mode	BT
GFSK	0.5±1dBm
π/4-DQPSK	0.5±1dBm
8DPSK	0.5±1dBm

Mode	BLE
GFSK(1Mbps)	0±1dBm
GFSK(2Mbps)	0±1dBm

Mode	2.4G WLAN
802.11b	14.5±1dBm
802.11g	14±1dBm
802.11n(HT20)	14±1dBm
802.11n(HT40)	13±1dBm

Mode	5.2G WLAN
802.11a	12±1dBm
802.11 n-HT20	11±1dBm
802.11 n-HT40	11.5±1dBm
802.11 ac-VHT20	11.5±1dBm
802.11 ac-VHT40	12.5±1dBm
802.11 ac-VHT80	12.5±1dBm

Mode	5.3G WLAN
802.11a	13.5±1dBm
802.11 n-HT20	12±1dBm
802.11 n-HT40	12±1dBm
802.11 ac-VHT20	12.5±1dBm
802.11 ac-VHT40	12.5±1dBm
802.11 ac-VHT80	12±1dBm

Mode	5.6G WLAN
802.11a	12±1dBm
802.11 n-HT20	11±1dBm
802.11 n-HT40	10.5±1dBm
802.11 ac-VHT20	10±1dBm
802.11 ac-VHT40	9.5±1dBm
802.11 ac-VHT80	10±1dBm

Mode	5.8G WLAN
802.11a	11.5±1dBm
802.11 n-HT20	11±1dBm
802.11 n-HT40	10±1dBm
802.11 ac-VHT20	10±1dBm
802.11 ac-VHT40	9.5±1dBm
802.11 ac-VHT80	9±1dBm

Mode	NFC
NFC	-45±1dBm

BW[MHz]	RB Size	Mode	Band 2	Band 2 (Hotspot)	Band 4	Band 4 (Hotspot)	Band 5
1.4	1	QPSK	24.5±1dBm	21±1dBm	23.5±1dBm	20.5±1dBm	23±1dBm
1.4	3		24.5±1dBm	21±1dBm	23±1dBm	20±1dBm	21.5±1dBm
1.4	6		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
1.4	1	16-QAM	23.5±1dBm	20.5±1dBm	23±1dBm	20±1dBm	21.5±1dBm
1.4	3		23.5±1dBm	20.5±1dBm	22.5±1dBm	19.5±1dBm	22±1dBm
1.4	6		22.5±1dBm	20±1dBm	21.5±1dBm	18.5±1dBm	21.5±1dBm
3	1	QPSK	24.5±1dBm	21±1dBm	23±1dBm	20.5±1dBm	23±1dBm
3	8		23.5±1dBm	20±1dBm	22±1dBm	20±1dBm	21.5±1dBm
3	15		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
3	1	16-QAM	24±1dBm	21±1dBm	23.5±1dBm	20.5±1dBm	21.5±1dBm
3	8		22.5±1dBm	20.5±1dBm	21±1dBm	19±1dBm	21.5±1dBm
3	15		22.5±1dBm	20.5±1dBm	21±1dBm	19.5±1dBm	21.5±1dBm
5	1	QPSK	24±1dBm	21±1dBm	23±1dBm	20±1dBm	22.5±1dBm
5	12		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
5	25		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
5	1	16-QAM	24±1dBm	20±1dBm	23±1dBm	19.5±1dBm	21.5±1dBm
5	12		22.5±1dBm	20±1dBm	21±1dBm	19±1dBm	21.5±1dBm
5	25		22.5±1dBm	20±1dBm	21.5±1dBm	19±1dBm	21.5±1dBm
10	1	QPSK	24.5±1dBm	21±1dBm	23.5±1dBm	20±1dBm	23±1dBm
10	25		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
10	50		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	21.5±1dBm
10	1	16-QAM	24±1dBm	21±1dBm	23±1dBm	20±1dBm	21.5±1dBm
10	25		22.5±1dBm	20.5±1dBm	21±1dBm	19.5±1dBm	21.5±1dBm
10	50		22.5±1dBm	20.5±1dBm	21±1dBm	19±1dBm	21.5±1dBm
15	1	QPSK	24.5±1dBm	21.5±1dBm	23.5±1dBm	20.5±1dBm	N/A
15	36		23.5±1dBm	20±1dBm	22±1dBm	20.5±1dBm	N/A
15	75		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	N/A
15	1	16-QAM	24.5±1dBm	20±1dBm	23±1dBm	20.5±1dBm	N/A
15	36		22.5±1dBm	21±1dBm	21±1dBm	19±1dBm	N/A
15	75		22.5±1dBm	20.5±1dBm	21±1dBm	20±1dBm	N/A
20	1	QPSK	24.5±1dBm	21.5±1dBm	23.5±1dBm	20.5±1dBm	N/A
20	50		23.5±1dBm	20±1dBm	22±1dBm	19±1dBm	N/A
20	100		23±1dBm	20±1dBm	22±1dBm	19±1dBm	N/A
20	1	16-QAM	23.5±1dBm	21±1dBm	23±1dBm	20.5±1dBm	N/A
20	50		22.5±1dBm	21±1dBm	21±1dBm	19.5±1dBm	N/A
20	100		22.5±1dBm	21.5±1dBm	21±1dBm	19.5±1dBm	N/A

BW[MHz]	RB Size	Mode	Band 7	Band 7 (Hotspot)	Band 12	Band 13	Band 17
1.4	1	QPSK	N/A	N/A	24.5±1dBm	N/A	N/A
1.4	3		N/A	N/A	25±1dBm	N/A	N/A
1.4	6		N/A	N/A	23.5±1dBm	N/A	N/A
1.4	1	16-QAM	N/A	N/A	24.5±1dBm	N/A	N/A
1.4	3		N/A	N/A	24±1dBm	N/A	N/A
1.4	6		N/A	N/A	23±1dBm	N/A	N/A
3	1	QPSK	N/A	N/A	25±1dBm	N/A	N/A
3	8		N/A	N/A	24±1dBm	N/A	N/A
3	15		N/A	N/A	24±1dBm	N/A	N/A
3	1	16-QAM	N/A	N/A	24.5±1dBm	N/A	N/A
3	8		N/A	N/A	22.5±1dBm	N/A	N/A
3	15		N/A	N/A	23±1dBm	N/A	N/A
5	1	QPSK	23±1dBm	20±1dBm	25±1dBm	23.5±1dBm	25±1dBm
5	12		22±1dBm	20±1dBm	24±1dBm	23±1dBm	24±1dBm
5	25		22±1dBm	19.5±1dBm	24±1dBm	22.5±1dBm	24±1dBm
5	1	16-QAM	22.5±1dBm	20±1dBm	24±1dBm	23±1dBm	24.5±1dBm
5	12		21±1dBm	19±1dBm	23±1dBm	22.5±1dBm	23±1dBm
5	25		21±1dBm	19±1dBm	22.5±1dBm	22±1dBm	23±1dBm
10	1	QPSK	23.5±1dBm	20±1dBm	25±1dBm	24±1dBm	25±1dBm
10	25		22±1dBm	19.5±1dBm	24±1dBm	23±1dBm	24±1dBm
10	50		22±1dBm	19.5±1dBm	23.5±1dBm	22.5±1dBm	24±1dBm
10	1	16-QAM	23±1dBm	19.5±1dBm	24.5±1dBm	24±1dBm	25±1dBm
10	25		21±1dBm	19±1dBm	23±1dBm	22±1dBm	23±1dBm
10	50		21±1dBm	19.5±1dBm	22.5±1dBm	21.5±1dBm	23±1dBm
15	1	QPSK	23.5±1dBm	20±1dBm	N/A	N/A	N/A
15	36		22±1dBm	20±1dBm	N/A	N/A	N/A
15	75		22±1dBm	19.5±1dBm	N/A	N/A	N/A
15	1	16-QAM	23±1dBm	19.5±1dBm	N/A	N/A	N/A
15	36		21±1dBm	19.5±1dBm	N/A	N/A	N/A
15	75		21±1dBm	19±1dBm	N/A	N/A	N/A
20	1	QPSK	23.5±1dBm	20.5±1dBm	N/A	N/A	N/A
20	50		22±1dBm	20±1dBm	N/A	N/A	N/A
20	100		22±1dBm	20±1dBm	N/A	N/A	N/A
20	1	16-QAM	23±1dBm	19.5±1dBm	N/A	N/A	N/A
20	50		21±1dBm	20±1dBm	N/A	N/A	N/A
20	100		21±1dBm	19.5±1dBm	N/A	N/A	N/A

BW[MHz]	RB Size	Mode	Band 25	Band 25 (Hotspot)	Band 26	Band 26	Band 38
1.4	1	QPSK	23±1dBm	21.5±1dBm	23±1dBm	23±1dBm	N/A
1.4	3		23±1dBm	21.5±1dBm	21.5±1dBm	21.5±1dBm	N/A
1.4	6		22±1dBm	20.5±1dBm	21.5±1dBm	21.5±1dBm	N/A
1.4	1	16-QAM	22.5±1dBm	20.5±1dBm	21.5±1dBm	22±1dBm	N/A
1.4	3		22.5±1dBm	20.5±1dBm	21.5±1dBm	21.5±1dBm	N/A
1.4	6		21.5±1dBm	20±1dBm	21.5±1dBm	21.5±1dBm	N/A
3	1	QPSK	23±1dBm	21.5±1dBm	23±1dBm	23±1dBm	N/A
3	8		22.5±1dBm	20.5±1dBm	21±1dBm	21.5±1dBm	N/A
3	15		22±1dBm	20.5±1dBm	21±1dBm	21.5±1dBm	N/A
3	1	16-QAM	22.5±1dBm	21±1dBm	21.5±1dBm	22±1dBm	N/A
3	8		21.5±1dBm	20±1dBm	21±1dBm	21.5±1dBm	N/A
3	15		21.5±1dBm	20±1dBm	21±1dBm	21.5±1dBm	N/A
5	1	QPSK	23±1dBm	21.5±1dBm	22.5±1dBm	23±1dBm	23.5±1dBm
5	12		22.5±1dBm	20.5±1dBm	21±1dBm	21.5±1dBm	22.5±1dBm
5	25		22.5±1dBm	20.5±1dBm	21±1dBm	21.5±1dBm	22.5±1dBm
5	1	16-QAM	23±1dBm	21±1dBm	21.5±1dBm	22±1dBm	23±1dBm
5	12		21.5±1dBm	20±1dBm	21±1dBm	21.5±1dBm	21.5±1dBm
5	25		21.5±1dBm	20±1dBm	21±1dBm	21.5±1dBm	21.5±1dBm
10	1	QPSK	23±1dBm	21.5±1dBm	23±1dBm	23±1dBm	23.5±1dBm
10	25		22±1dBm	20.5±1dBm	21±1dBm	22±1dBm	22.5±1dBm
10	50		22±1dBm	20±1dBm	21±1dBm	22±1dBm	22±1dBm
10	1	16-QAM	22.5±1dBm	21±1dBm	21.5±1dBm	22±1dBm	23.5±1dBm
10	25		21.5±1dBm	19.5±1dBm	21±1dBm	22±1dBm	21.5±1dBm
10	50		21±1dBm	19.5±1dBm	21±1dBm	22±1dBm	21±1dBm
15	1	QPSK	23±1dBm	21.5±1dBm	N/A	23.5±1dBm	23.5±1dBm
15	36		22±1dBm	20±1dBm	N/A	22±1dBm	22.5±1dBm
15	75		22±1dBm	20±1dBm	N/A	22±1dBm	22±1dBm
15	1	16-QAM	23±1dBm	21±1dBm	N/A	22±1dBm	23.5±1dBm
15	36		21.5±1dBm	20.5±1dBm	N/A	22±1dBm	21.5±1dBm
15	75		21±1dBm	20.5±1dBm	N/A	22±1dBm	21.5±1dBm
20	1	QPSK	23.5±1dBm	21.5±1dBm	N/A	N/A	24±1dBm
20	50		22±1dBm	20.5±1dBm	N/A	N/A	22.2±1dBm
20	100		22±1dBm	20±1dBm	N/A	N/A	22±1dBm
20	1	16-QAM	22.5±1dBm	20.5±1dBm	N/A	N/A	23.5±1dBm
20	50		21.5±1dBm	20±1dBm	N/A	N/A	21.5±1dBm
20	100		21±1dBm	19.5±1dBm	N/A	N/A	21±1dBm

BW[MHz]	RB Size	Mode	Band 41	Band 66	Band 66 (Hotspot)	Band 71
1.4	1	QPSK	N/A	23.5±1dBm	20.5±1dBm	N/A
1.4	3		N/A	23.5±1dBm	20.5±1dBm	N/A
1.4	6		N/A	22.5±1dBm	19.5±1dBm	N/A
1.4	1	16-QAM	N/A	23.5±1dBm	20.5±1dBm	N/A
1.4	3		N/A	23±1dBm	20±1dBm	N/A
1.4	6		N/A	22±1dBm	19.5±1dBm	N/A
3	1	QPSK	N/A	23.5±1dBm	20.5±1dBm	N/A
3	8		N/A	22.5±1dBm	19.5±1dBm	N/A
3	15		N/A	22.5±1dBm	19.5±1dBm	N/A
3	1	16-QAM	N/A	23.5±1dBm	20.5±1dBm	N/A
3	8		N/A	22±1dBm	20.5±1dBm	N/A
3	15		N/A	22±1dBm	20.5±1dBm	N/A
5	1	QPSK	23.5±1dBm	24±1dBm	20.5±1dBm	24.5±1dBm
5	12		22.5±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
5	25		22.5±1dBm	23±1dBm	19.5±1dBm	23±1dBm
5	1	16-QAM	23±1dBm	23.5±1dBm	19.5±1dBm	23.5±1dBm
5	12		21.5±1dBm	21.5±1dBm	19.5±1dBm	22.5±1dBm
5	25		22±1dBm	22±1dBm	19.5±1dBm	22.5±1dBm
10	1	QPSK	23.5±1dBm	23.5±1dBm	20.5±1dBm	24±1dBm
10	25		22.5±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
10	50		22±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
10	1	16-QAM	23±1dBm	24±1dBm	20.5±1dBm	23.5±1dBm
10	25		22±1dBm	22±1dBm	19.5±1dBm	22.5±1dBm
10	50		21.5±1dBm	22±1dBm	19.5±1dBm	22.5±1dBm
15	1	QPSK	23.5±1dBm	23.5±1dBm	20.5±1dBm	24.5±1dBm
15	36		22.5±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
15	75		22±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
15	1	16-QAM	23.5±1dBm	24±1dBm	20.5±1dBm	24±1dBm
15	36		21.5±1dBm	22±1dBm	19.5±1dBm	22.5±1dBm
15	75		21.5±1dBm	22±1dBm	19.5±1dBm	22.5±1dBm
20	1	QPSK	23.5±1dBm	24±1dBm	21±1dBm	24.5±1dBm
20	50		22.5±1dBm	23±1dBm	19.5±1dBm	23±1dBm
20	100		22±1dBm	22.5±1dBm	19.5±1dBm	23±1dBm
20	1	16-QAM	22.5±1dBm	23±1dBm	20±1dBm	24±1dBm
20	50		22±1dBm	22±1dBm	19±1dBm	22.5±1dBm
20	100		21.5±1dBm	22±1dBm	19±1dBm	22.5±1dBm

Note: GSM 1900, WCDMA B2/4, LTE B2/4/7/66 hotspot mode power reduced by 3dB, LTE B25 hotspot mode power reduced by 2dB, please refer to the power data.

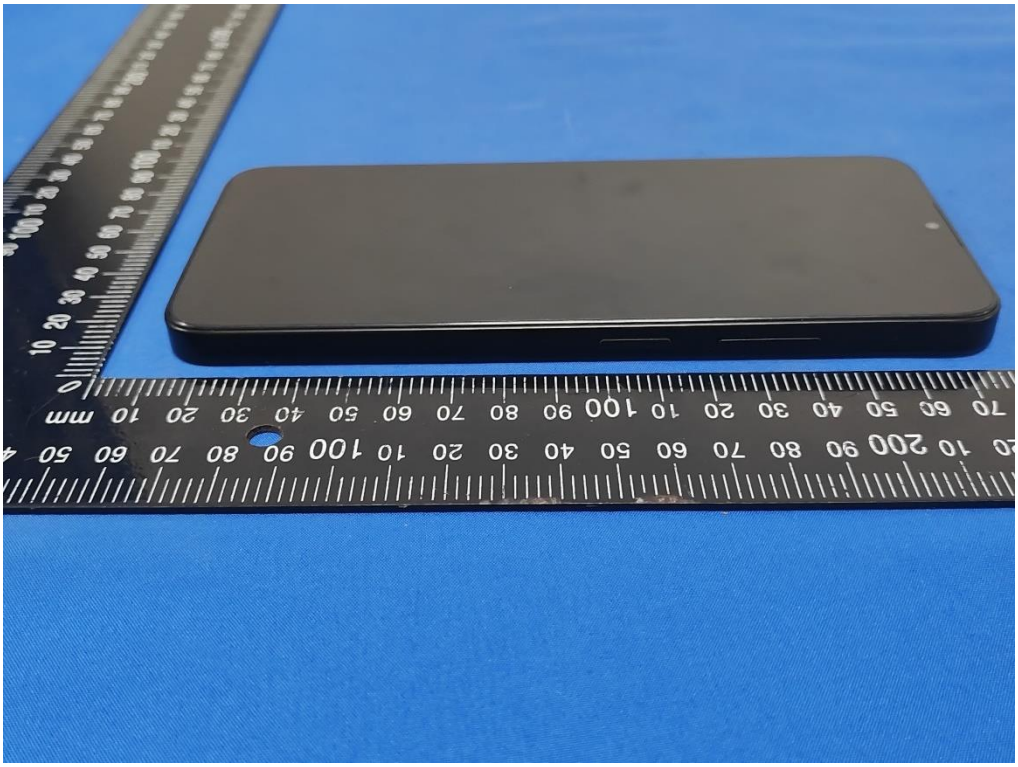
11. EUT and Test Setup Photo

11.1 EUT Photos

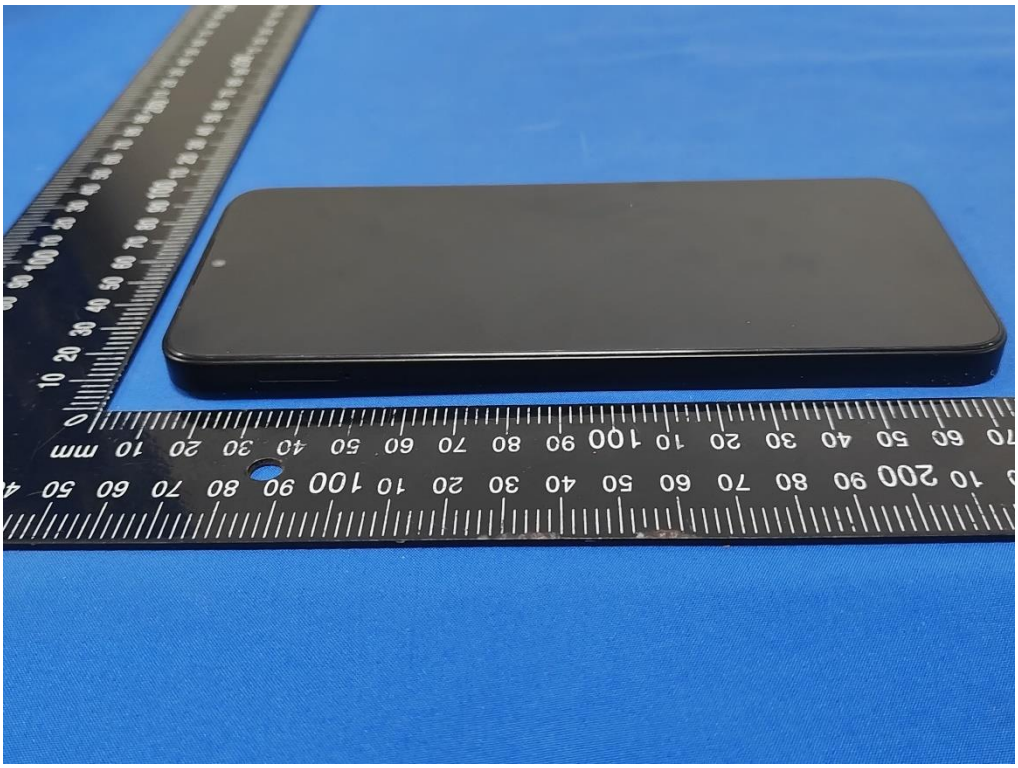
Front side

Back side

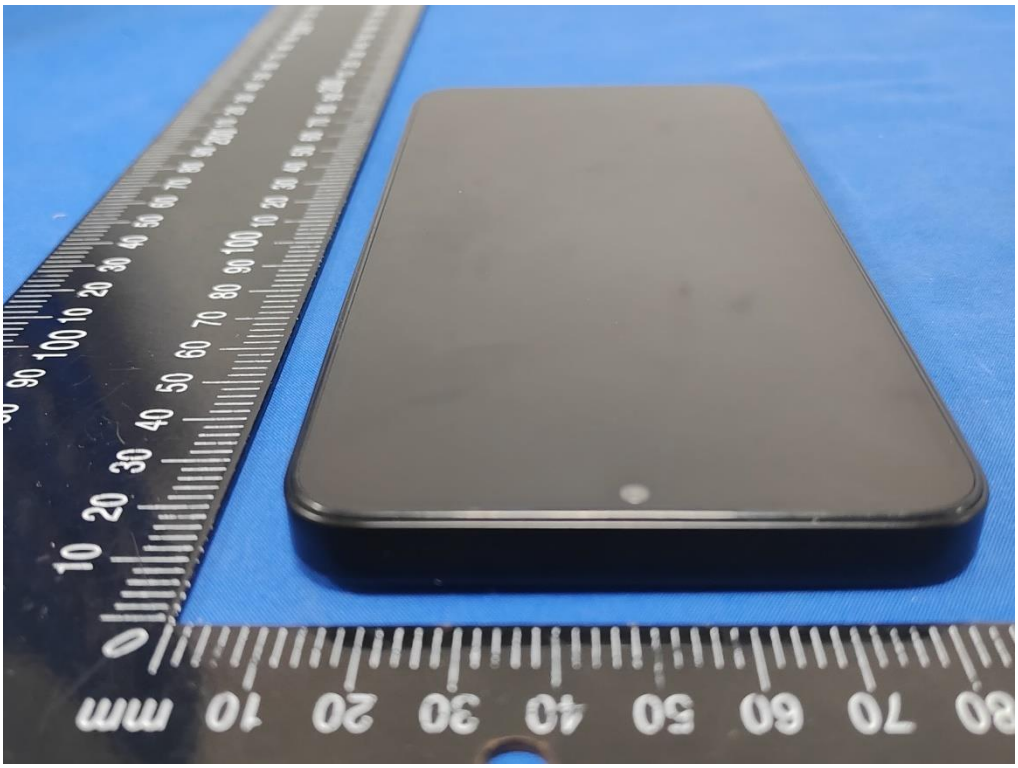
Right Edge



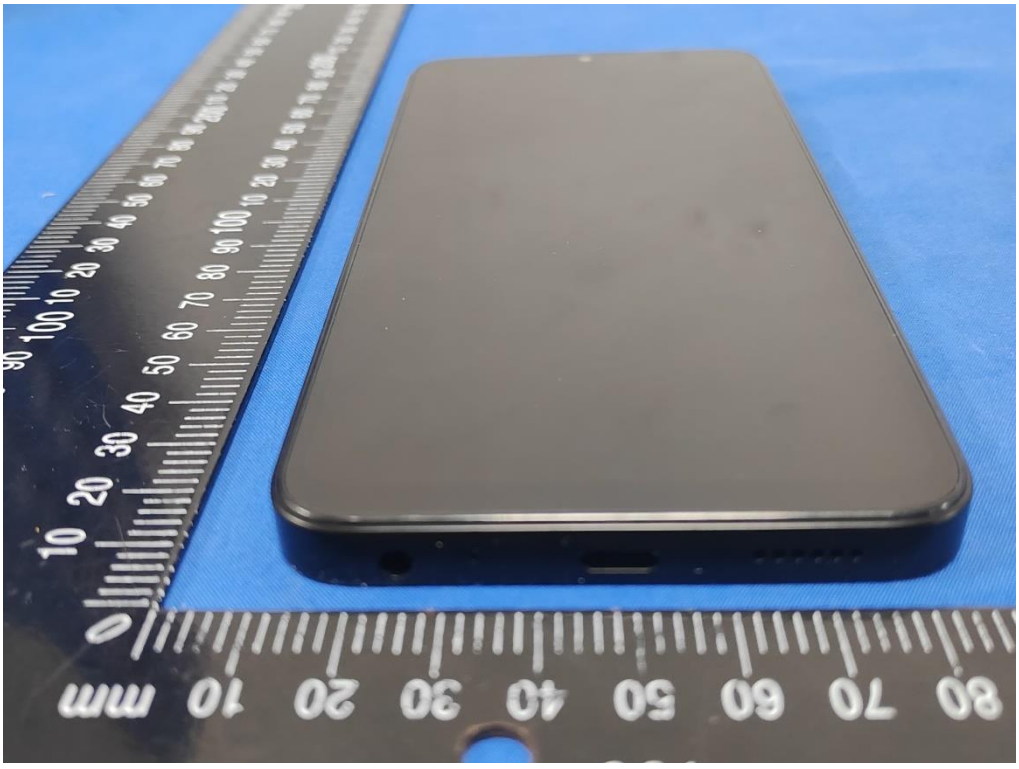
Left Edge



Top Edge

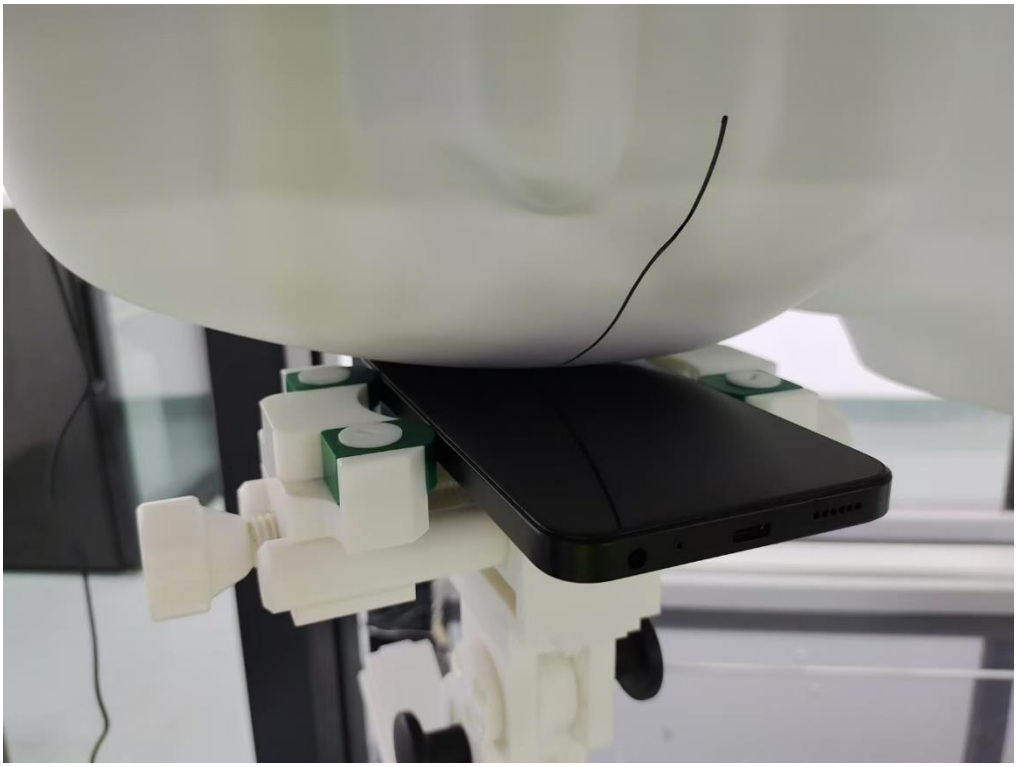


Bottom Edge

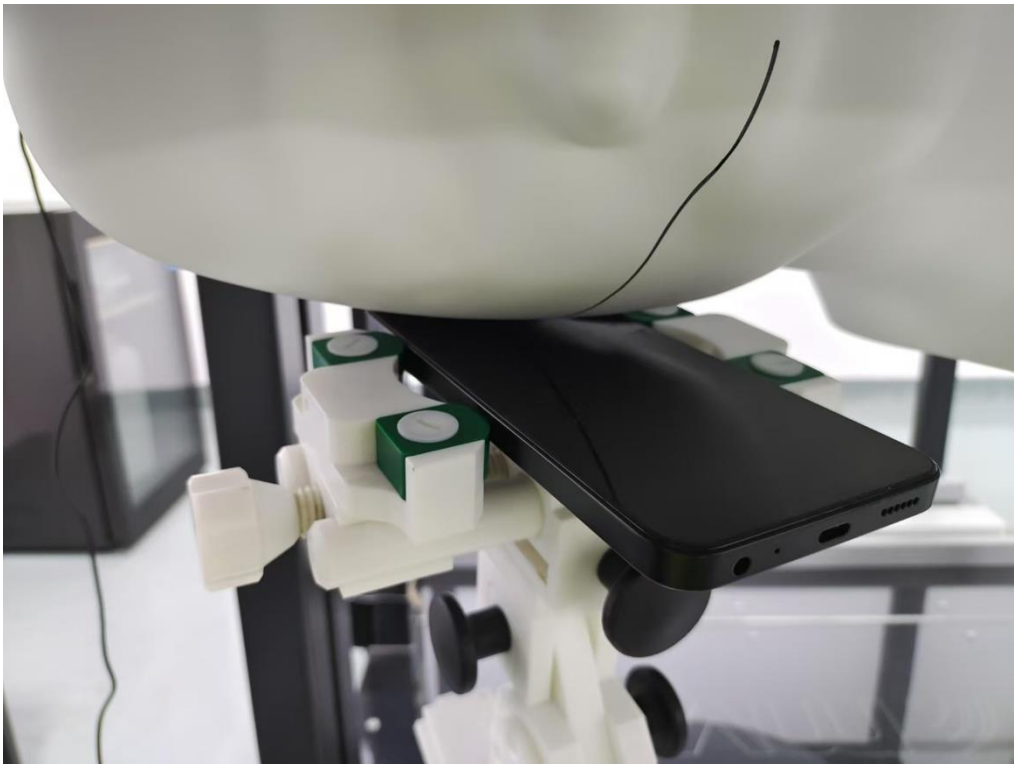


11.2 Setup Photos

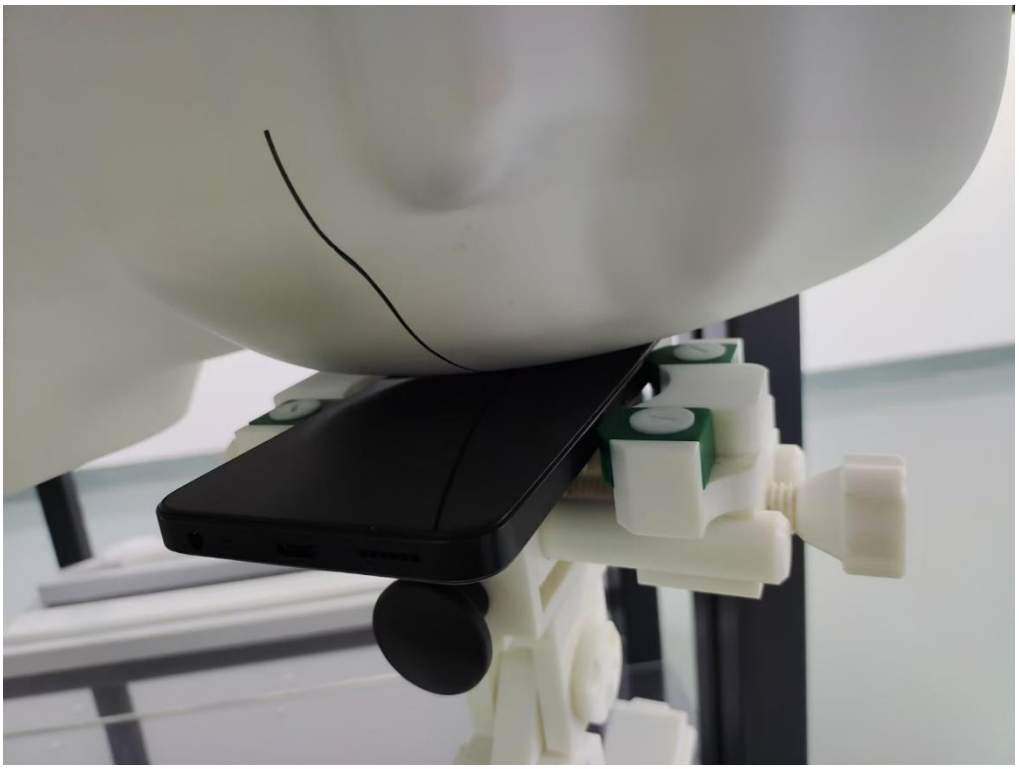
Right Touch



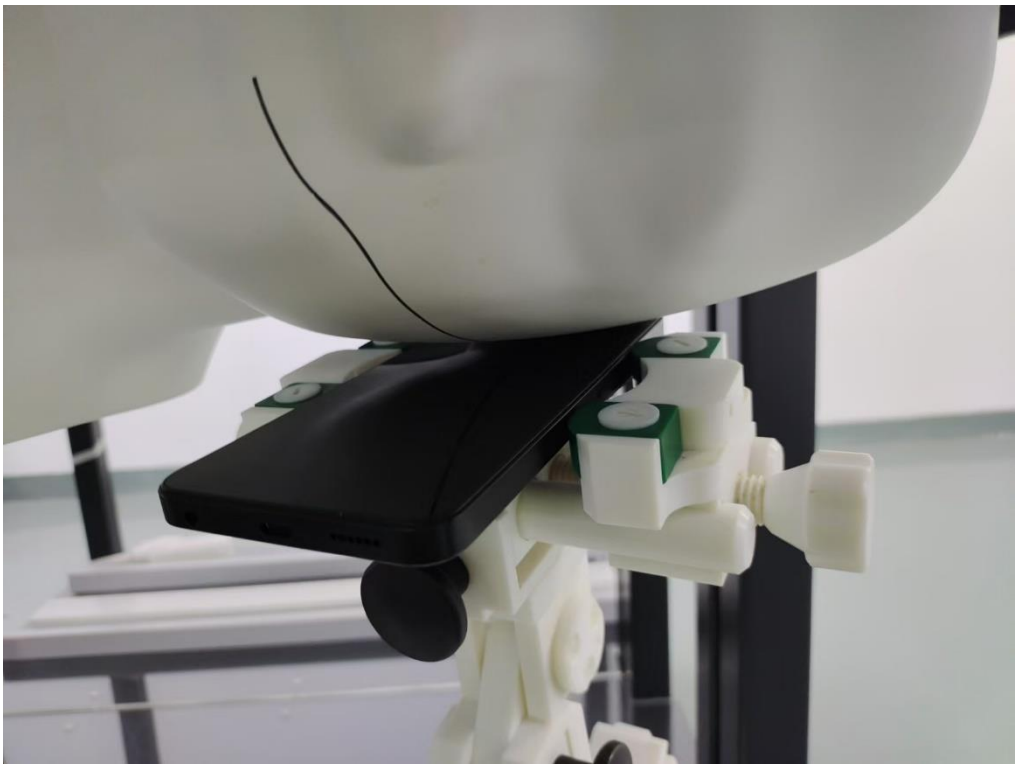
Right Tilt



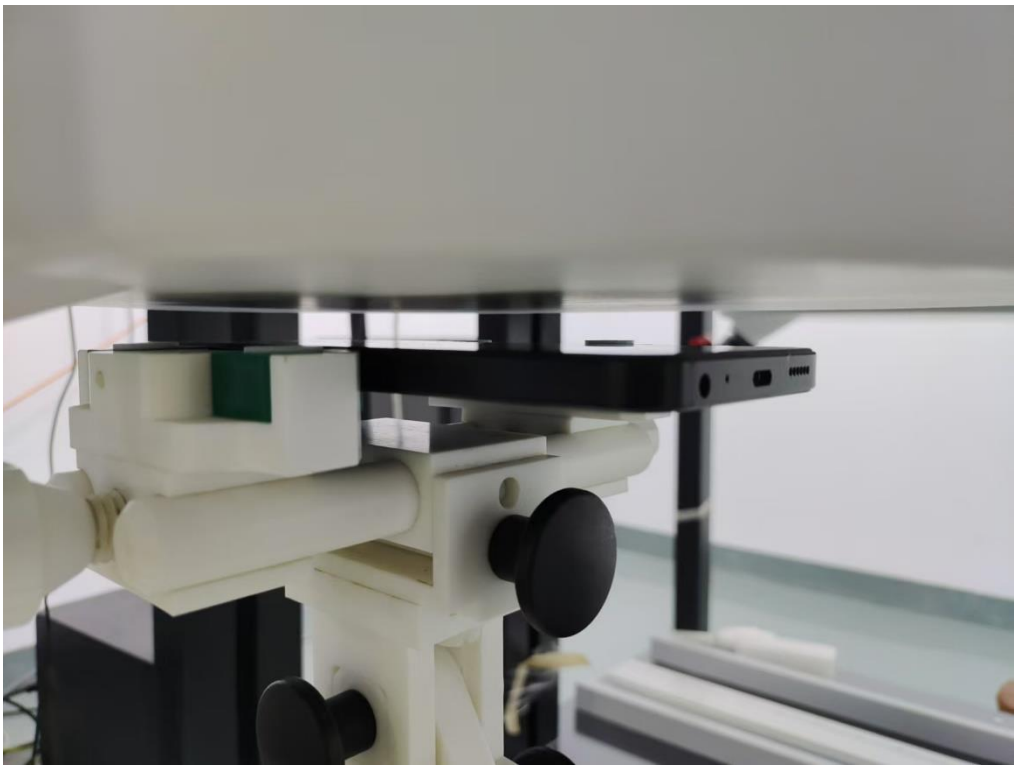
Left Touch



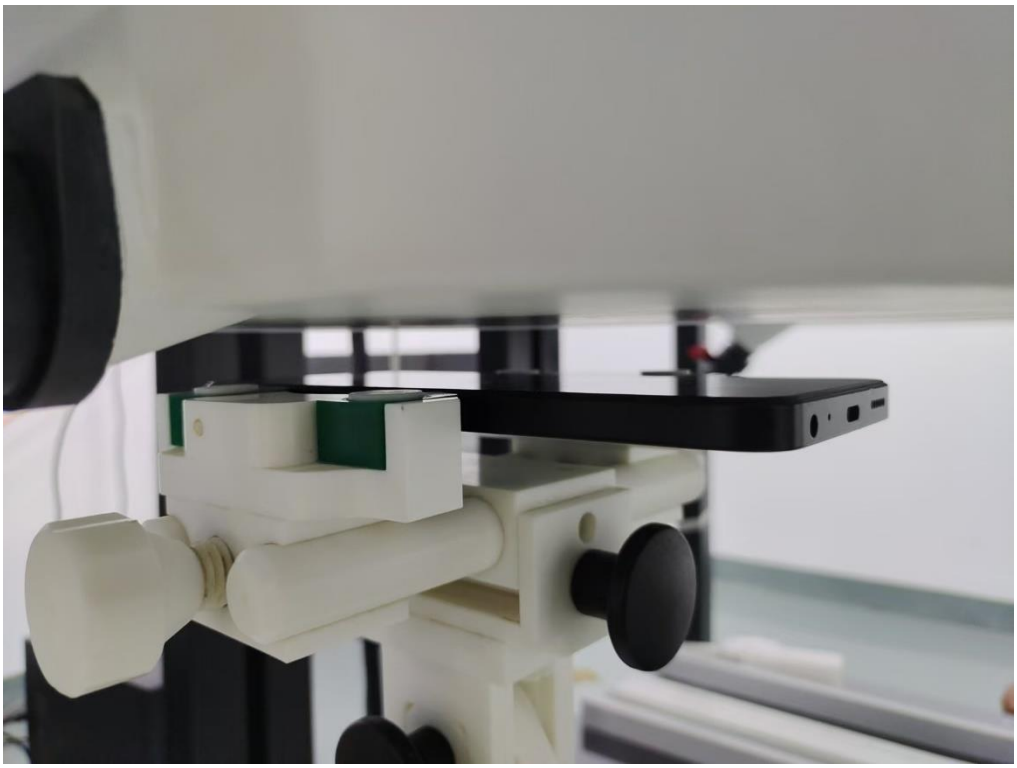
Left Tilt



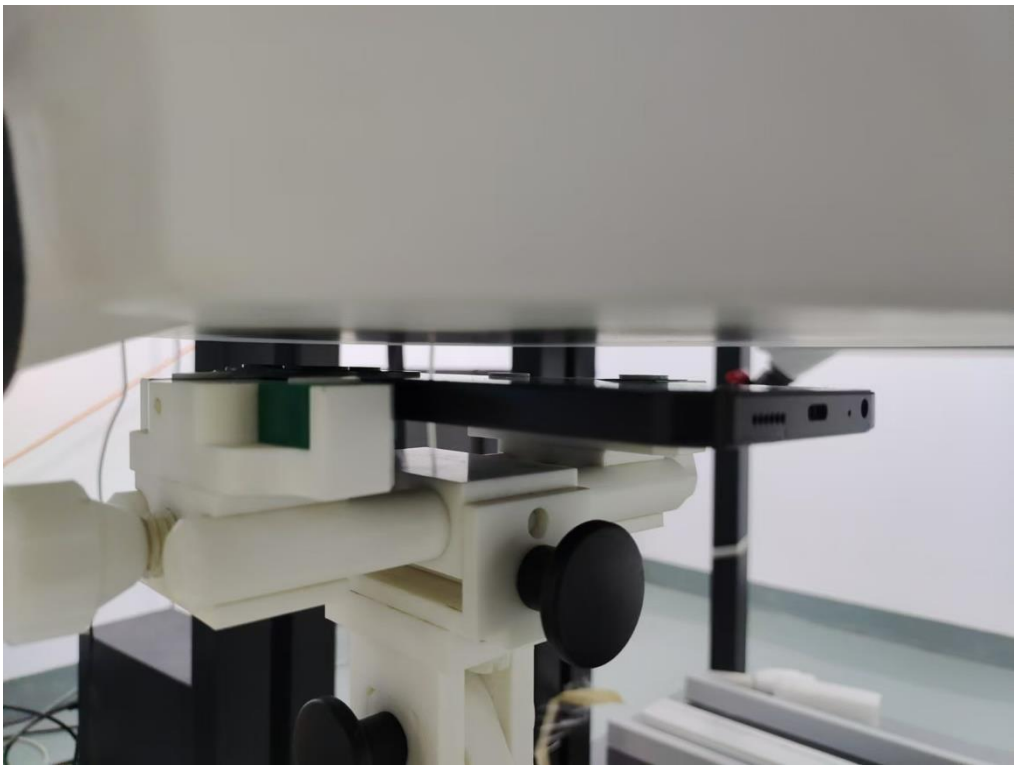
Body Front side (separation distance is 10mm)



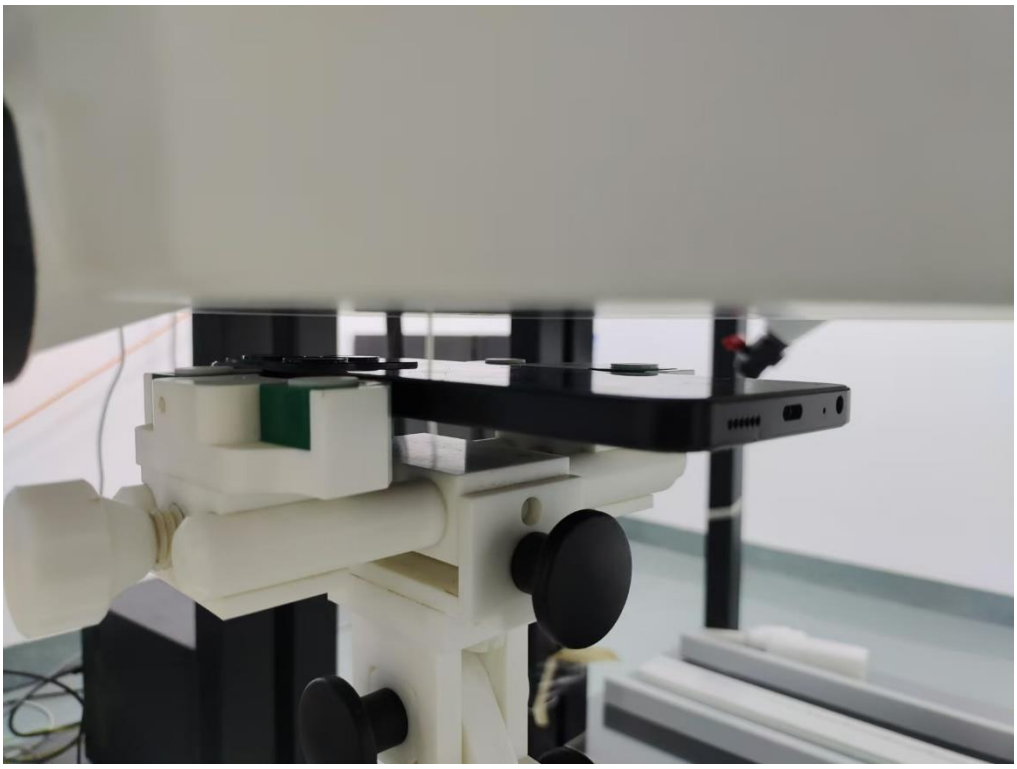
Body Front side (separation distance is 15mm)



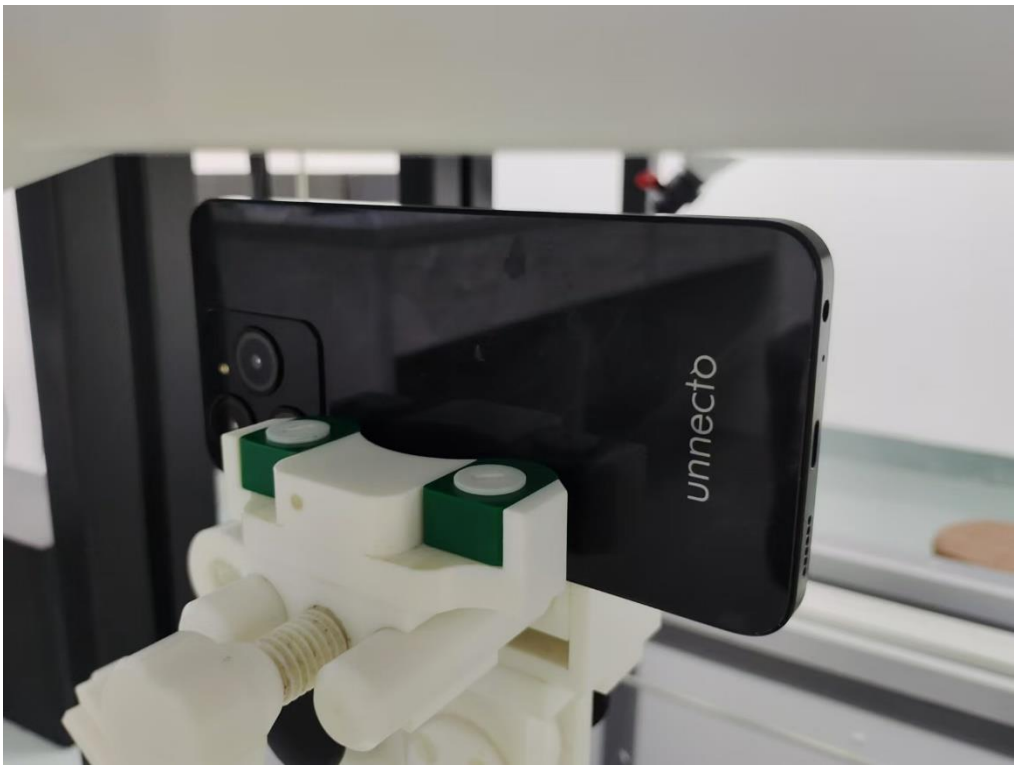
Body Back side (separation distance10mm)



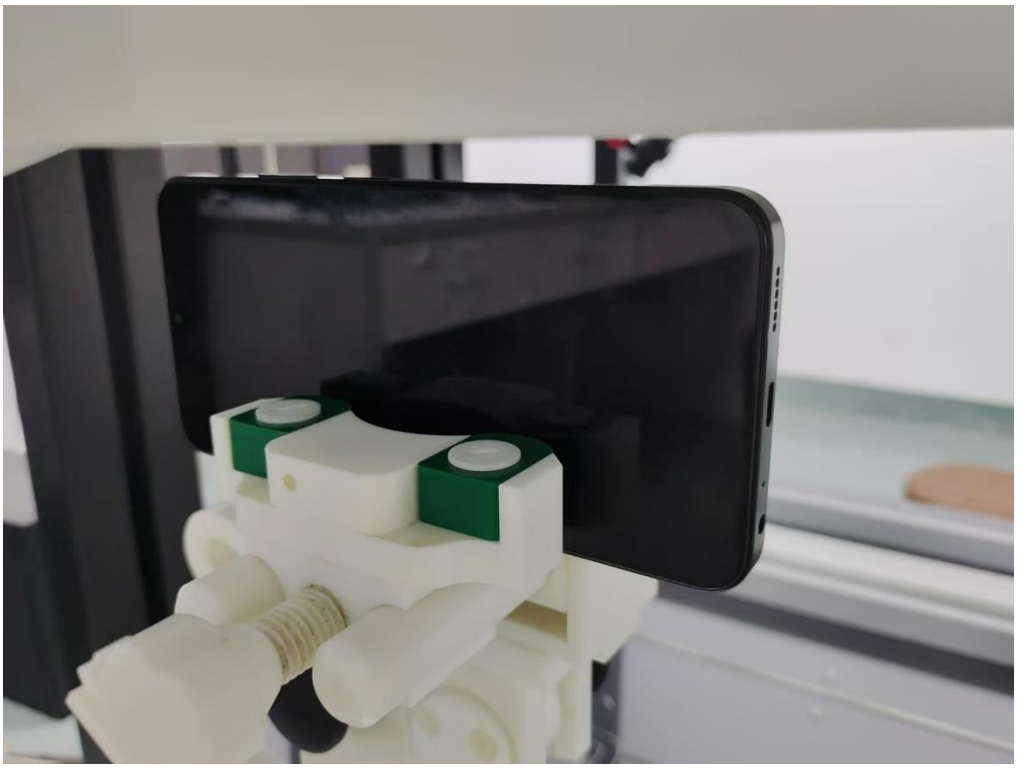
Body Back side (separation distance15mm)



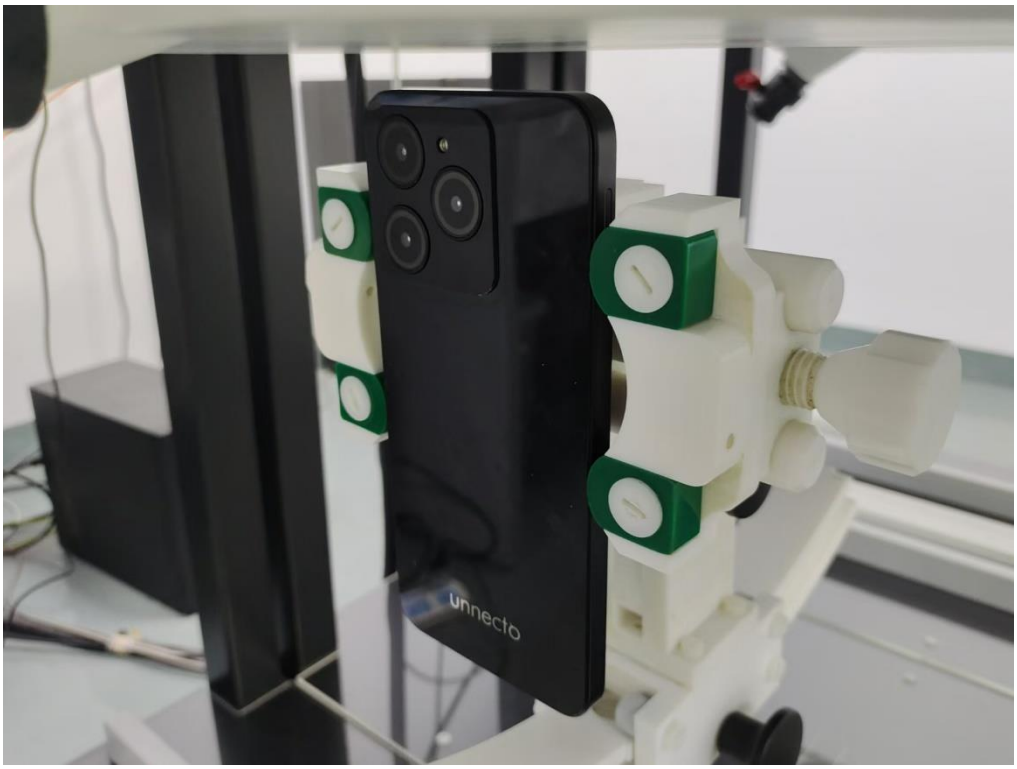
Body Left side (separation distance is 10mm)



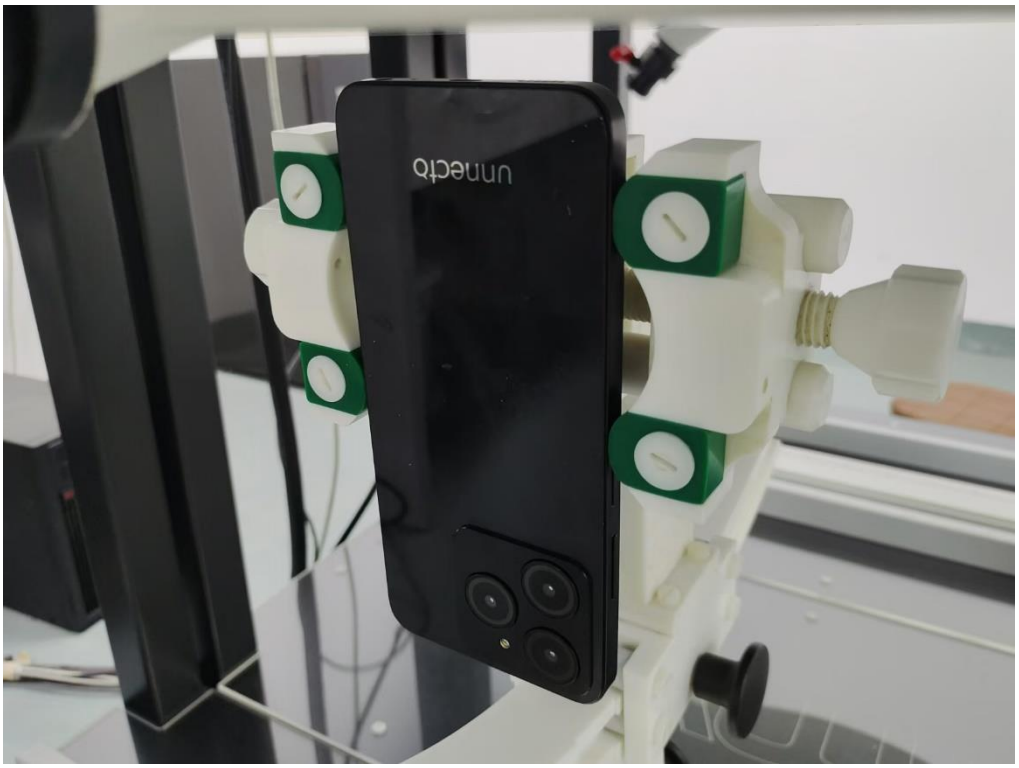
Body Right side (separation distance is 10mm)



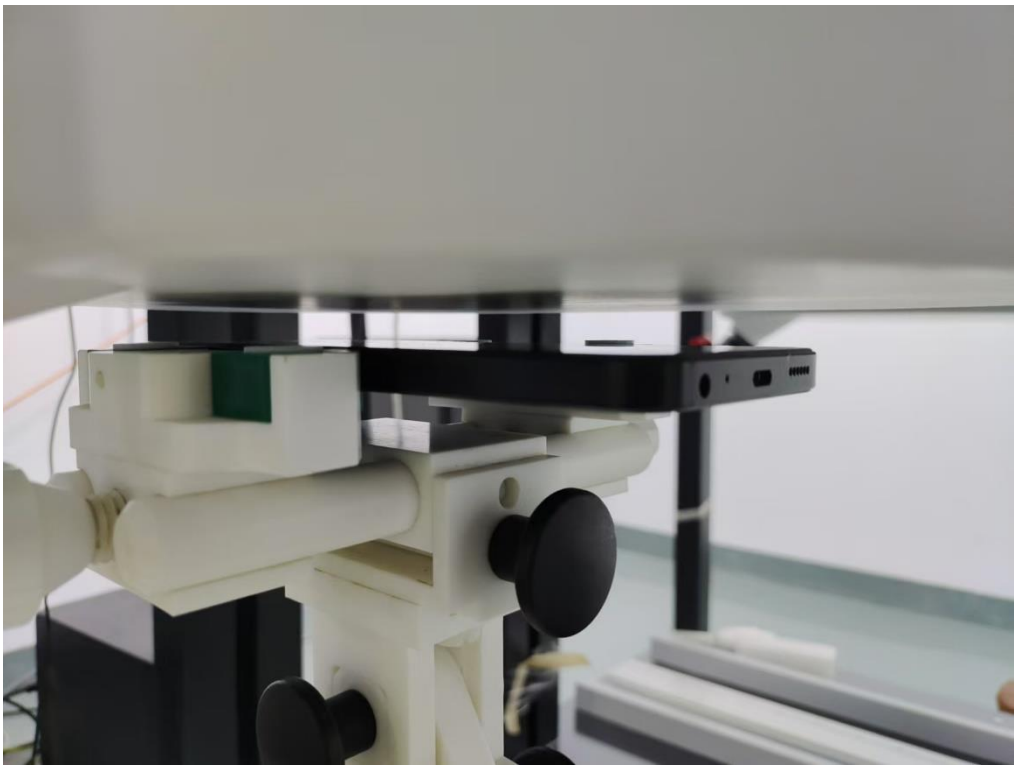
Body Top side (separation distance is 10mm)



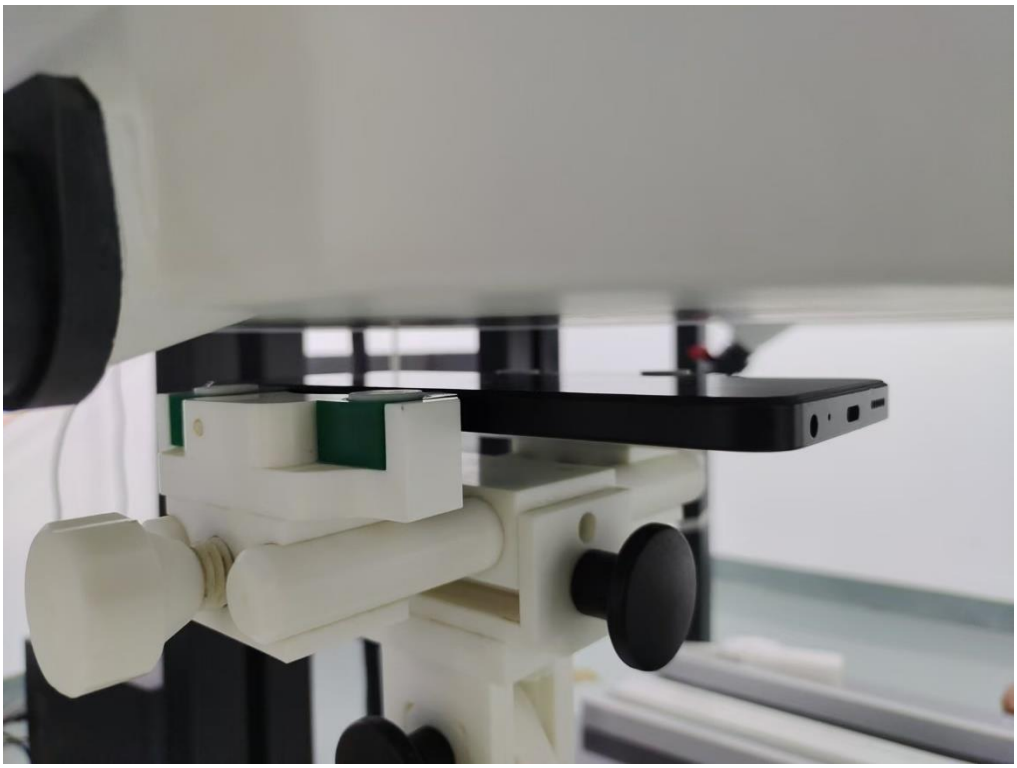
Body Bottom side (separation distance is 10mm)



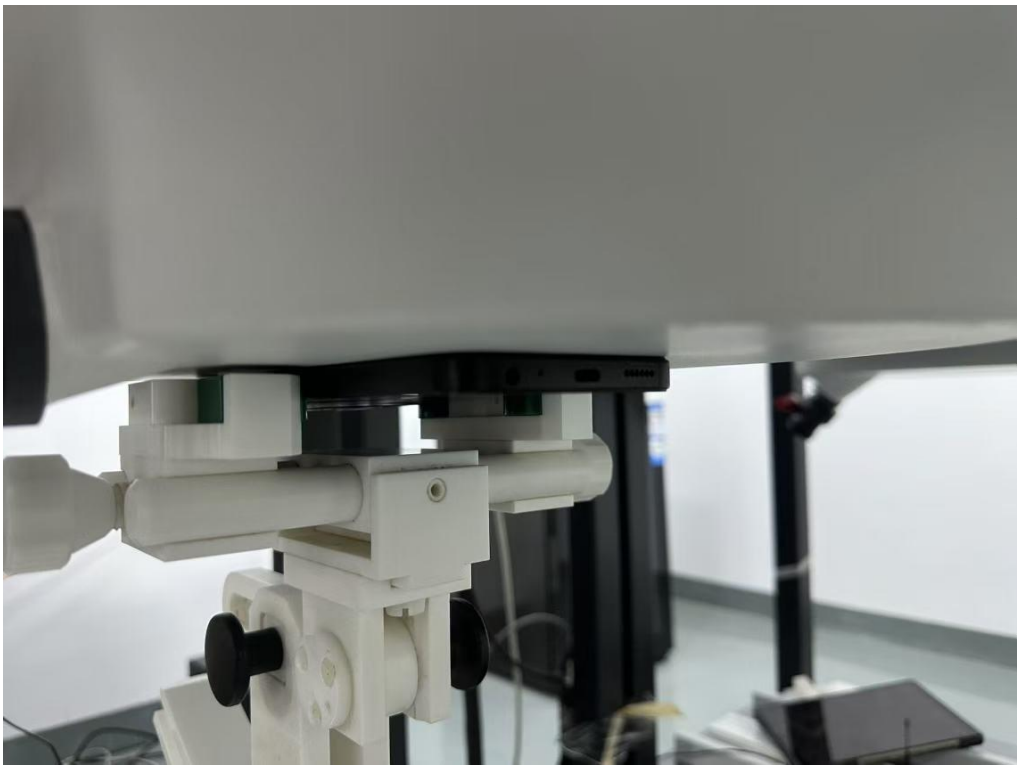
Body Front side (separation distance is 10mm)



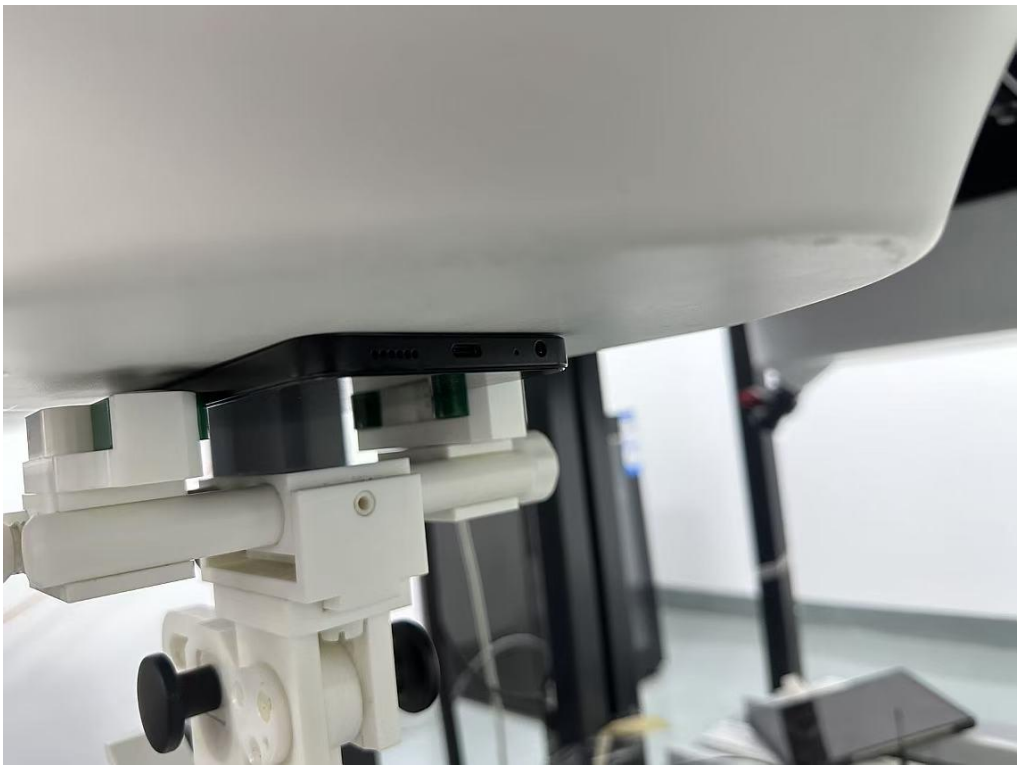
Body Front side (separation distance is 15mm)



Body Back side (separation distance 0mm)



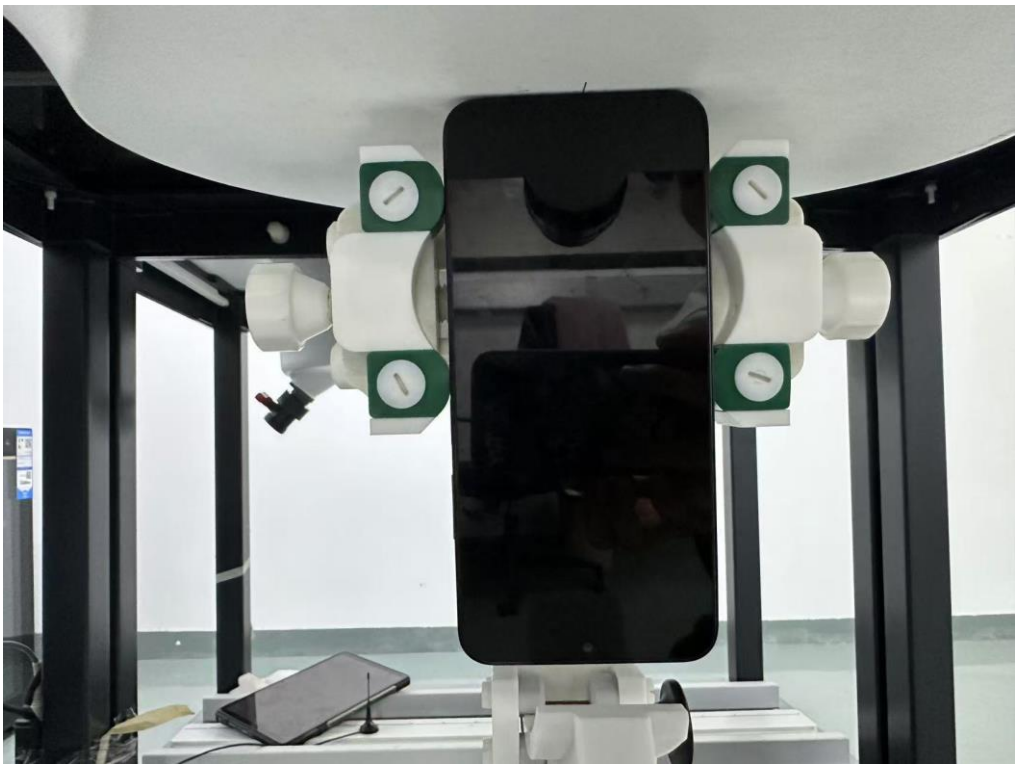
Body Front side (separation distance is 0mm)



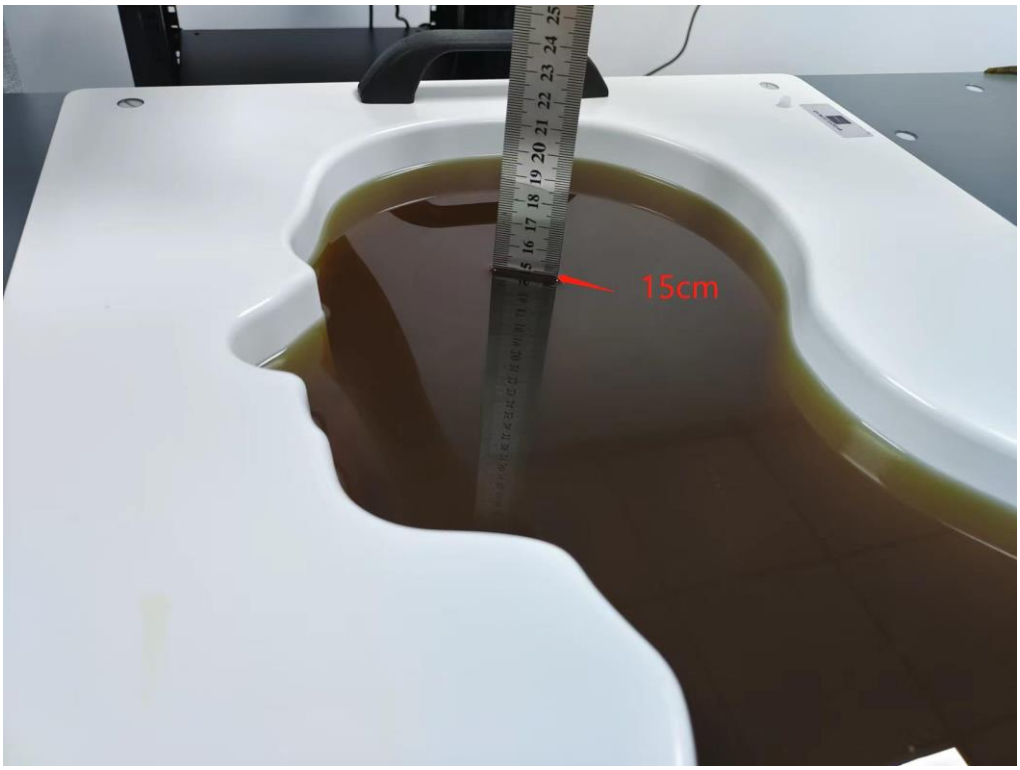
Body Left side (separation distance is 0mm)

Body Right side (separation distance is 0mm)

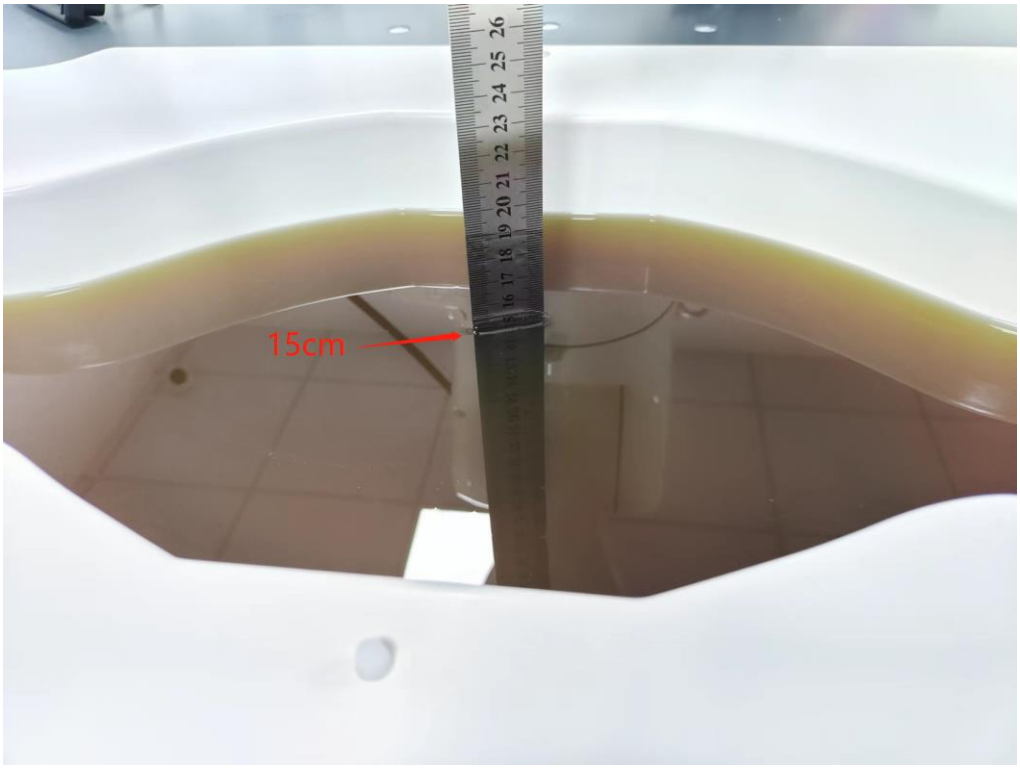
Body Bottom side (separation distance is 0mm)



Liquid depth (15 cm)



Liquid depth (15 cm)



12. SAR Result Summary

12.1 Head SAR

Band	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
GSM850	GSM	Right Cheek	848.8	0.278	3.26	34.50	34.15	0.301	/
		Right Tilt	848.8	0.227	3.91	34.50	34.15	0.246	/
		Left Cheek	848.8	0.282	-3.87	34.50	34.15	**0.306**	**1**
		Left Tilt	848.8	0.232	-3.75	34.50	34.15	0.251	/
PCS 1900	GSM	Right Cheek	1909.8	0.060	0.36	31.00	30.70	**0.064**	**3**
		Right Tilt	1909.8	0.053	-2.91	31.00	30.70	0.057	/
		Left Cheek	1909.8	0.052	-0.67	31.00	30.70	0.056	/
		Left Tilt	1909.8	0.045	-0.10	31.00	30.70	0.048	/
WCDMA Band II	RMC	Right Cheek	1880	0.069	-2.16	23.80	23.50	**0.074**	**5**
		Right Tilt	1880	0.057	3.70	23.80	23.50	0.061	/
		Left Cheek	1880	0.058	3.09	23.80	23.50	0.062	/
		Left Tilt	1880	0.049	1.97	23.80	23.50	0.053	/
WCDMA Band IV	RMC	Right Cheek	1740	0.087	2.89	24.00	23.96	0.088	/
		Right Tilt	1740	0.072	-1.16	24.00	23.96	0.073	/
		Left Cheek	1740	0.139	2.94	24.00	23.96	**0.140**	**7**
		Left Tilt	1740	0.117	-3.66	24.00	23.96	0.118	/
WCDMA Band V	RMC	Right Cheek	846.6	0.258	2.47	24.50	24.39	**0.265**	**9**
		Right Tilt	846.6	0.208	-1.63	24.50	24.39	0.213	/
		Left Cheek	846.6	0.232	3.90	24.50	24.39	0.238	/
		Left Tilt	846.6	0.190	0.02	24.50	24.39	0.195	/
2.4G WLAN	802.11b	Right Cheek	2437	0.538	1.71	15.50	15.42	0.548	/
		Right Tilt	2437	0.601	3.78	15.50	15.42	**0.612**	**11**
		Left Cheek	2437	0.414	-1.33	15.50	15.42	0.422	/
		Left Tilt	2437	0.581	-0.95	15.50	15.42	0.592	/
5.2G WLAN	802.11 ac-VHT80	Right Cheek	5210	0.439	0.59	13.50	13.26	0.464	/
		Right Tilt	5210	0.544	3.83	13.50	13.26	**0.575**	**13**
		Left Cheek	5210	0.352	2.89	13.50	13.26	0.372	/
		Left Tilt	5210	0.439	0.36	13.50	13.26	0.464	/
5.3G WLAN	802.11a	Right Cheek	5260	0.386	-3.71	14.50	14.13	0.420	/
		Right Tilt	5260	0.482	-1.43	14.50	14.13	**0.525**	**15**
		Left Cheek	5260	0.315	2.27	14.50	14.13	0.343	/
		Left Tilt	5260	0.391	0.23	14.50	14.13	0.426	/
5.6G WLAN	802.11a	Right Cheek	5700	0.263	-1.13	13.00	12.52	0.294	/
		Right Tilt	5700	0.328	3.15	13.00	12.52	**0.366**	**17**
		Left Cheek	5700	0.215	-2.47	13.00	12.52	0.240	/
		Left Tilt	5700	0.267	-2.61	13.00	12.52	0.298	/
5.8G WLAN	802.11a	Right Cheek	5825	0.568	-1.97	12.50	12.49	0.569	/
		Right Tilt	5825	0.706	0.93	12.50	12.49	**0.708**	**19**
		Left Cheek	5825	0.458	2.17	12.50	12.49	0.459	/
		Left Tilt	5825	0.569	-3.26	12.50	12.49	0.570	/

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	20M	QPSK	1	0	Right Cheek	1900	0.066	-0.65	25.50	25.44	**0.067**	**21**
			50	0	Right Cheek	1900	0.062	-1.29	24.50	24.16	0.067	/
			1	0	Right Tilt	1900	0.040	-3.38	25.50	25.44	0.041	/
			50	0	Right Tilt	1900	0.036	-2.74	24.50	24.16	0.039	/
			1	0	Left Cheek	1900	0.042	-0.32	25.50	25.44	0.043	/
			50	0	Left Cheek	1900	0.040	2.40	24.50	24.16	0.043	/
			1	0	Left Tilt	1900	0.028	-1.26	25.50	25.44	0.028	/
			50	0	Left Tilt	1900	0.027	-0.18	24.50	24.16	0.029	/
LTE Band 4	20M	QPSK	1	0	Right Cheek	1732.5	0.376	3.52	24.50	24.48	**0.378**	**23**
			50	0	Right Cheek	1732.5	0.338	2.96	23.00	22.81	0.353	/
			1	0	Right Tilt	1732.5	0.228	1.44	24.50	24.48	0.229	/
			50	0	Right Tilt	1732.5	0.203	-3.90	23.00	22.81	0.212	/
			1	0	Left Cheek	1732.5	0.129	1.40	24.50	24.48	0.130	/
			50	0	Left Cheek	1732.5	0.119	-3.33	23.00	22.81	0.124	/
			1	0	Left Tilt	1732.5	0.079	-2.53	24.50	24.48	0.079	/
			50	0	Left Tilt	1732.5	0.073	3.48	23.00	22.81	0.076	/
LTE Band 5	10M	QPSK	1	0	Right Cheek	829	0.296	-0.77	24.00	23.78	0.311	/
			25	0	Right Cheek	844	0.265	-3.78	22.50	22.30	0.277	/
			1	0	Right Tilt	829	0.180	-2.61	24.00	23.78	0.189	/
			25	0	Right Tilt	844	0.161	0.64	22.50	22.30	0.169	/
			1	0	Left Cheek	829	0.317	-3.14	24.00	23.78	**0.333**	**25**
			25	0	Left Cheek	844	0.285	-2.28	22.50	22.30	0.298	/
			1	0	Left Tilt	829	0.194	0.25	24.00	23.78	0.204	/
			25	0	Left Tilt	844	0.175	-3.85	22.50	22.30	0.183	/
LTE Band 7	20M	QPSK	1	0	Right Cheek	2510	0.306	-2.39	24.50	24.23	0.326	/
			50	0	Right Cheek	2560	0.276	1.01	23.00	22.77	0.291	/
			1	0	Right Tilt	2510	0.184	-3.41	24.50	24.23	0.196	/
			50	0	Right Tilt	2560	0.166	-3.59	23.00	22.77	0.175	/
			1	0	Left Cheek	2510	0.359	-3.44	24.50	24.23	**0.382**	**27**
			50	0	Left Cheek	2560	0.322	3.13	23.00	22.77	0.340	/
			1	0	Left Tilt	2510	0.217	-3.57	24.50	24.23	0.231	/
			50	0	Left Tilt	2560	0.199	-1.11	23.00	22.77	0.210	/
LTE Band 12	10M	QPSK	1	0	Right Cheek	704	0.202	-1.46	26.00	25.62	**0.220**	**29**
			25	0	Right Cheek	704	0.182	-0.08	25.00	24.64	0.198	/
			1	0	Right Tilt	704	0.124	1.06	26.00	25.62	0.135	/
			25	0	Right Tilt	704	0.113	2.29	25.00	24.64	0.123	/
			1	0	Left Cheek	704	0.125	1.81	26.00	25.62	0.136	/
			25	0	Left Cheek	704	0.114	-2.34	25.00	24.64	0.124	/
			1	0	Left Tilt	704	0.077	2.09	26.00	25.62	0.084	/
			25	0	Left Tilt	704	0.072	1.04	25.00	24.64	0.078	/

LTE Band 13	10M	QPSK	1	0	Right Cheek	782	0.139	-3.37	25.00	24.63	**0.151**	**31**
			25	0	Right Cheek	782	0.123	2.12	24.00	23.50	0.138	/
			1	0	Right Tilt	782	0.086	3.05	25.00	24.63	0.094	/
			25	0	Right Tilt	782	0.079	-3.17	24.00	23.50	0.089	/
			1	0	Left Cheek	782	0.085	2.91	25.00	24.63	0.093	/
			25	0	Left Cheek	782	0.075	0.36	24.00	23.50	0.084	/
			1	0	Left Tilt	782	0.051	-0.35	25.00	24.63	0.056	/
			25	0	Left Tilt	782	0.045	-3.68	24.00	23.50	0.050	/
LTE Band 17	10M	QPSK	1	0	Right Cheek	711	0.240	0.37	26.00	25.83	**0.250**	**33**
			25	0	Right Cheek	711	0.216	-3.90	25.00	24.73	0.230	/
			1	0	Right Tilt	711	0.148	-1.14	26.00	25.83	0.154	/
			25	0	Right Tilt	711	0.135	-2.51	25.00	24.73	0.144	/
			1	0	Left Cheek	711	0.147	2.55	26.00	25.83	0.153	/
			25	0	Left Cheek	711	0.130	3.36	25.00	24.73	0.138	/
			1	0	Left Tilt	711	0.090	-1.53	26.00	25.83	0.094	/
			25	0	Left Tilt	711	0.081	-2.04	25.00	24.73	0.086	/
LTE Band 25	20M	QPSK	1	0	Right Cheek	1905	0.044	3.76	24.50	24.00	**0.049**	**35**
			50	0	Right Cheek	1905	0.042	-0.55	23.00	22.96	0.042	/
			1	0	Right Tilt	1905	0.030	2.13	24.50	24.00	0.034	/
			50	0	Right Tilt	1905	0.029	-1.08	23.00	22.96	0.029	/
			1	0	Left Cheek	1905	0.028	2.85	24.50	24.00	0.031	/
			50	0	Left Cheek	1905	0.024	-2.29	23.00	22.96	0.024	/
			1	0	Left Tilt	1905	0.018	2.04	24.50	24.00	0.020	/
			50	0	Left Tilt	1905	0.015	-0.55	23.00	22.96	0.015	/
LTE Band 26	15M	QPSK	1	0	Right Cheek	831.5	0.288	-3.42	24.50	24.17	0.311	/
			36	0	Right Cheek	841.5	0.261	3.15	23.00	22.72	0.278	/
			1	0	Right Tilt	831.5	0.175	1.88	24.50	24.17	0.189	/
			36	0	Right Tilt	841.5	0.160	3.54	23.00	22.72	0.171	/
			1	0	Left Cheek	831.5	0.477	3.17	24.50	24.17	**0.515**	**37**
			36	0	Left Cheek	841.5	0.432	3.51	23.00	22.72	0.461	/
			1	0	Left Tilt	831.5	0.291	-1.81	24.50	24.17	0.314	/
			36	0	Left Tilt	841.5	0.264	-0.88	23.00	22.72	0.282	/
LTE Band 38	20M	QPSK	1	0	Right Cheek	2580	0.555	1.98	25.00	24.75	0.588	/
			50	0	Right Cheek	2610	0.502	-1.08	23.20	23.04	0.521	/
			1	0	Right Tilt	2580	0.334	-3.51	25.00	24.75	0.354	/
			50	0	Right Tilt	2610	0.300	3.09	23.20	23.04	0.311	/
			1	0	Left Cheek	2580	0.920	-0.16	25.00	24.75	**0.975**	**39**
			1	0	Left Cheek	2595	0.584	-2.06	25.00	23.23	0.878	/
			1	0	Left Cheek	2610	0.680	-0.26	25.00	23.88	0.880	/
			50	0	Left Cheek	2580	0.783	-1.26	23.20	23.02	0.816	/
			50	0	Left Cheek	2595	0.724	2.56	23.20	22.99	0.760	/
			50	0	Left Cheek	2610	0.828	-1.82	23.20	23.04	0.859	/
			100	0	Left Cheek	2595	0.712	-0.50	23.00	22.65	0.772	/
			1	0	Left Tilt	2580	0.556	3.05	25.00	24.75	0.589	/
			50	0	Left Tilt	2610	0.499	-3.93	23.20	23.04	0.518	/

LTE Band 41	20M	QPSK	1	0	Right Cheek	2645	0.309	-2.23	24.50	24.44	0.313	/
			50	0	Right Cheek	2645	0.281	-1.43	23.50	23.28	0.296	/
			1	0	Right Tilt	2645	0.188	3.64	24.50	24.44	0.191	/
			50	0	Right Tilt	2645	0.172	3.59	23.50	23.28	0.181	/
			1	0	Left Cheek	2645	0.779	0.46	24.50	24.44	**0.790**	**41**
			50	0	Left Cheek	2645	0.702	-2.32	23.50	23.28	0.738	/
			1	0	Left Tilt	2645	0.469	1.99	24.50	24.44	0.476	/
			50	0	Left Tilt	2645	0.423	1.95	23.50	23.28	0.445	/
LTE Band 66	20M	QPSK	1	0	Right Cheek	1745	0.065	2.78	25.00	24.80	**0.068**	**43**
			50	0	Right Cheek	1770	0.056	3.79	24.00	23.50	0.063	/
			1	0	Right Tilt	1745	0.039	-0.61	25.00	24.80	0.041	/
			50	0	Right Tilt	1770	0.034	-3.87	24.00	23.50	0.038	/
			1	0	Left Cheek	1745	0.042	-1.54	25.00	24.80	0.044	/
			50	0	Left Cheek	1770	0.039	2.25	24.00	23.50	0.044	/
			1	0	Left Tilt	1745	0.029	1.25	25.00	24.80	0.030	/
			50	0	Left Tilt	1770	0.026	0.57	24.00	23.50	0.029	/
LTE Band 71	20M	QPSK	1	0	Right Cheek	673	0.172	-2.58	25.50	25.43	0.175	/
			50	0	Right Cheek	673	0.155	-3.06	24.00	23.99	0.155	/
			1	0	Right Tilt	673	0.103	0.31	25.50	25.43	0.105	/
			50	0	Right Tilt	673	0.095	-0.55	24.00	23.99	0.095	/
			1	0	Left Cheek	673	0.286	2.35	25.50	25.43	**0.291**	**45**
			50	0	Left Cheek	673	0.257	-0.07	24.00	23.99	0.258	/
			1	0	Left Tilt	673	0.176	-2.16	25.50	25.43	0.179	/
			50	0	Left Tilt	673	0.159	-2.44	24.00	23.99	0.159	/

Note:
1. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
2. Per KDB 865664 D01, Repeated measurement is not required when the original highest measured SAR is <0.80 W/kg.

12.2 Body-worn and Hotspot SAR

Band	RF Exposure Condition	Dist. (mm)	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
GSM850	Body &Hotspot	10	GPRS (GMSK, 2-Slot)	Front Side	848.8	0.204	2.38	32.50	32.05	0.226	/
				Back Side	848.8	0.303	-1.85	32.50	32.05	**0.336**	**2**
	Hotspot	10		Left Side	848.8	0.183	-0.79	32.50	32.05	0.203	/
				Right Side	848.8	0.254	1.38	32.50	32.05	0.282	/
				Top Side	848.8	0.047	0.56	32.50	32.05	0.052	/
				Bottom Side	848.8	0.147	-0.70	32.50	32.05	0.163	/
PCS 1900	Body	10	GPRS (GMSK, 3-Slot)	Front Side	1850.2	0.040	-0.19	27.50	27.04	0.044	/
				Back Side	1850.2	0.746	3.64	27.50	27.04	**0.829**	**4**
				Back Side	1880	0.693	0.64	27.50	26.96	0.785	/
				Back Side	1909.8	0.679	1.32	27.50	26.85	0.789	/
	Hotspot	10	GPRS (GMSK, 2-Slot)	Front Side	1850.2	0.366	2.77	27.50	27.12	0.399	/
				Back Side	1850.2	0.537	1.93	27.50	27.12	0.586	/
				Left Side	1850.2	0.032	0.92	27.50	27.12	0.035	/
				Right Side	1850.2	0.075	0.57	27.50	27.12	0.082	/
				Top Side	1850.2	0.055	-1.32	27.50	27.12	0.060	/
				Bottom Side	1850.2	0.691	-2.53	27.50	27.12	0.754	/
WCDMA Band II	Body	10	RMC	Front Side	1880	0.238	1.27	23.80	23.50	0.255	/
				Back Side	1852.4	0.794	1.96	23.80	23.49	0.853	/
				Back Side	1880	0.846	3.30	23.80	23.50	**0.907**	**6**
				Back Side	1907.6	0.755	3.32	23.80	23.46	0.816	/
	Hotspot	10		Front Side	1907.6	0.126	-3.90	21.00	20.61	0.138	/
				Back Side	1907.6	0.445	-2.61	21.00	20.61	0.487	/
				Left Side	1907.6	0.174	-3.63	21.00	20.61	0.190	/
				Right Side	1907.6	0.314	-2.86	21.00	20.61	0.344	/
				Bottom Side	1907.6	0.664	-3.23	21.00	20.61	0.726	/
WCDMA Band IV	Body	10	RMC	Front Side	1740	0.166	3.94	24.00	23.96	0.168	/
				Back Side	1740	0.579	1.36	24.00	23.96	**0.584**	**8**
	Hotspot	10		Front Side	1740	0.074	-0.53	21.00	20.90	0.076	/
				Back Side	1740	0.263	-3.56	21.00	20.90	0.269	/
				Left Side	1740	0.103	-3.89	21.00	20.90	0.105	/
				Right Side	1740	0.188	1.76	21.00	20.90	0.192	/
				Bottom Side	1740	0.381	3.67	21.00	20.90	0.390	/
WCDMA Band V	Body &Hotspot	10	RMC	Front Side	846.6	0.179	0.77	24.50	24.39	0.184	/
				Back Side	846.6	0.263	-0.12	24.50	24.39	**0.270**	**10**
	Hotspot	10		Left Side	846.6	0.132	-0.37	24.50	24.39	0.135	/
				Right Side	846.6	0.210	0.70	24.50	24.39	0.215	/
				Bottom Side	846.6	0.149	3.14	24.50	24.39	0.153	/
2.4GHz WLAN	Body &Hotspot	10	802.11b	Front Side	2437	0.026	-3.81	15.50	15.42	0.026	/
				Back Side	2437	0.032	0.49	15.50	15.42	0.033	/
	Hotspot			Right Side	2437	0.027	0.03	15.50	15.42	0.028	/
				Top Side	2437	0.297	-3.05	15.50	15.42	**0.303**	**12**
5.2GHz WLAN	Body &Hotspot	10	802.11 ac-VHT80	Front Side	5210	0.078	-0.89	13.50	13.26	0.082	/
				Back Side	5210	0.116	2.25	13.50	13.26	0.123	/
	Hotspot			Right Side	5210	0.067	0.30	13.50	13.26	0.071	/
				Top Side	5210	0.276	-2.85	13.50	13.26	**0.292**	**14**

5.3GHz WLAN	Body &Hotspot	10	802.11a	Front Side	5260	0.062	-3.20	14.50	14.13	0.068	/
				Back Side	5260	0.093	-4.00	14.50	14.13	0.101	/
	Hotspot			Right Side	5260	0.054	3.17	14.50	14.13	0.059	/
				Top Side	5260	0.218	-2.45	14.50	14.13	**0.237**	**16**
5.6GHz WLAN	Body &Hotspot	10	802.11a	Front Side	5700	0.082	-2.94	13.00	12.52	0.092	/
				Back Side	5700	0.120	-2.01	13.00	12.52	0.134	/
	Hotspot	10		Left Side	5700	0.045	-3.71	13.00	12.52	0.050	/
				Top Side	5700	0.279	3.70	13.00	12.52	**0.312**	**18**
5.8GHz WLAN	Body &Hotspot	10	802.11a	Front Side	5825	0.060	1.83	12.50	12.49	0.060	/
				Back Side	5825	0.091	-3.00	12.50	12.49	0.091	/
	Hotspot			Right Side	5825	0.050	2.17	12.50	12.49	0.050	/
				Top Side	5825	0.211	1.88	12.50	12.49	**0.211**	**20**

Band	RF Exposure Condition	Dist. (mm)	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	Body	15	20M	QPSK	1	0	Front side	1900	0.206	-1.93	25.50	25.44	0.209	/
					50	0	Front side	1900	0.179	2.21	24.50	24.16	0.194	/
					1	0	Back Side	1900	0.721	1.12	25.50	25.44	0.731	/
					50	0	Back Side	1900	0.614	-0.81	24.50	24.16	0.664	/
	Hotspot	10			1	0	Front side	1900	0.200	-0.45	22.50	22.38	0.206	/
					50	0	Front side	1900	0.171	-3.66	21.00	20.91	0.175	/
					1	0	Back Side	1900	0.705	1.17	22.50	22.38	0.725	/
					50	0	Back Side	1900	0.602	-1.59	21.00	20.91	0.615	/
					1	0	Left Side	1900	0.275	-1.56	22.50	22.38	0.283	/
					50	0	Left Side	1900	0.235	-0.84	21.00	20.91	0.240	/
					1	0	Right Side	1900	0.493	1.25	22.50	22.38	0.507	/
					50	0	Right Side	1900	0.419	2.26	21.00	20.91	0.428	/
					1	0	Bottom Side	1860	0.612	-0.74	22.50	21.47	0.776	/
					1	0	Bottom Side	1880	0.648	-1.77	22.50	21.81	0.760	/
					1	0	Bottom Side	1900	0.779	0.97	22.50	22.38	**0.801**	**22**
					50	0	Bottom Side	1900	0.664	-1.50	21.00	20.91	0.678	/
LTE Band 4	Body	10	20M	QPSK	1	0	Front side	1732.5	0.157	3.05	24.50	24.48	0.158	/
					50	0	Front side	1732.5	0.136	3.21	23.00	22.81	0.142	/
					1	0	Back Side	1732.5	0.555	0.05	24.50	24.48	**0.558**	**24**
					50	0	Back Side	1732.5	0.473	-0.35	23.00	22.81	0.494	/
	Hotspot	10			1	0	Front side	1720	0.099	1.64	21.50	21.44	0.100	/
					50	0	Front side	1732.5	0.084	-2.16	20.00	19.88	0.086	/
					1	0	Back Side	1720	0.342	1.77	21.50	21.44	0.347	/
					50	0	Back Side	1732.5	0.294	2.95	20.00	19.88	0.302	/
					1	0	Left Side	1720	0.136	0.04	21.50	21.44	0.138	/
					50	0	Left Side	1732.5	0.118	-3.99	20.00	19.88	0.121	/
					1	0	Right Side	1720	0.242	-1.70	21.50	21.44	0.245	/
					50	0	Right Side	1732.5	0.206	-1.11	20.00	19.88	0.212	/
					1	0	Bottom Side	1720	0.387	-2.20	21.50	21.44	0.392	/
					50	0	Bottom Side	1732.5	0.331	-0.93	20.00	19.88	0.340	/

LTE Band 5	Body &Hotspot	10	10M	QPSK	1	0	Front side	829	0.237	-0.15	24.00	23.78	0.249	/
					25	0	Front side	844	0.200	0.51	22.50	22.30	0.209	/
					1	0	Back Side	829	0.348	-0.32	24.00	23.78	**0.366**	**26**
					25	0	Back Side	844	0.298	1.32	22.50	22.30	0.312	/
	Hotspot	10			1	0	Left Side	829	0.178	1.91	24.00	23.78	0.187	/
					25	0	Left Side	844	0.152	-3.21	22.50	22.30	0.159	/
					1	0	Right Side	829	0.280	-3.77	24.00	23.78	0.295	/
					25	0	Right Side	844	0.236	-2.76	22.50	22.30	0.247	/
					1	0	Bottom Side	829	0.140	0.28	24.00	23.78	0.147	/
					25	0	Bottom Side	844	0.121	0.28	22.50	22.30	0.127	/
LTE Band 7	Body	10	20M	QPSK	1	0	Front side	2510	0.144	0.49	24.50	24.23	0.153	/
					50	0	Front side	2560	0.125	-3.93	23.00	22.77	0.132	/
					1	0	Back Side	2510	0.512	-2.23	24.50	24.23	**0.545**	**28**
					50	0	Back Side	2560	0.433	-0.12	23.00	22.77	0.457	/
	Hotspot	10			1	0	Front side	2560	0.111	3.01	21.50	21.01	0.124	/
					50	0	Front side	2560	0.097	2.72	21.00	20.61	0.106	/
					1	0	Back Side	2560	0.379	3.23	21.50	21.01	0.424	/
					50	0	Back Side	2560	0.325	-0.79	21.00	20.61	0.356	/
					1	0	Left Side	2560	0.148	1.73	21.50	21.01	0.166	/
					50	0	Left Side	2560	0.127	-2.63	21.00	20.61	0.139	/
					1	0	Right Side	2560	0.266	1.04	21.50	21.01	0.298	/
					50	0	Right Side	2560	0.226	1.03	21.00	20.61	0.247	/
					1	0	Bottom Side	2560	0.420	0.08	21.50	21.01	0.470	/
					50	0	Bottom Side	2560	0.359	2.67	21.00	20.61	0.393	/
LTE Band 12	Body &Hotspot	10	10M	QPSK	1	0	Front side	704	0.283	3.90	26.00	25.62	0.309	/
					25	0	Front side	704	0.244	0.35	25.00	24.64	0.265	/
					1	0	Back Side	704	0.412	0.63	26.00	25.62	**0.450**	**30**
					25	0	Back Side	704	0.349	2.02	25.00	24.64	0.379	/
	Hotspot	10			1	0	Left Side	704	0.210	2.83	26.00	25.62	0.229	/
					25	0	Left Side	704	0.181	0.95	25.00	24.64	0.197	/
					1	0	Right Side	704	0.333	2.90	26.00	25.62	0.363	/
					25	0	Right Side	704	0.285	-2.60	25.00	24.64	0.310	/
					1	0	Bottom Side	704	0.169	-1.70	26.00	25.62	0.184	/
					25	0	Bottom Side	704	0.146	2.87	25.00	24.64	0.159	/

LTE Band 13	Body &Hotspot	10	10M	QPSK	1	0	Front side	782	0.110	-2.12	25.00	24.63	0.120	/
					25	0	Front side	782	0.095	-3.50	24.00	23.50	0.107	/
					1	0	Back Side	782	0.156	-1.28	25.00	24.63	**0.170**	**32**
					25	0	Back Side	782	0.135	-1.74	24.00	23.50	0.151	/
	Hotspot	10			1	0	Left Side	782	0.082	2.03	25.00	24.63	0.089	/
					25	0	Left Side	782	0.069	3.67	24.00	23.50	0.077	/
					1	0	Right Side	782	0.125	-0.39	25.00	24.63	0.136	/
					25	0	Right Side	782	0.104	3.94	24.00	23.50	0.117	/
					1	0	Bottom Side	782	0.063	3.17	25.00	24.63	0.069	/
					25	0	Bottom Side	782	0.056	-1.61	24.00	23.50	0.063	/
LTE Band 17	Body &Hotspot	10	10M	QPSK	1	0	Front side	711	0.356	-3.58	26.00	25.83	0.370	/
					25	0	Front side	711	0.302	0.18	25.00	24.73	0.321	/
					1	0	Back Side	711	0.519	-1.81	26.00	25.83	**0.540**	**34**
					25	0	Back Side	711	0.440	1.38	25.00	24.73	0.468	/
	Hotspot	10			1	0	Left Side	711	0.259	-2.10	26.00	25.83	0.269	/
					25	0	Left Side	711	0.223	-0.07	25.00	24.73	0.237	/
					1	0	Right Side	711	0.417	2.61	26.00	25.83	0.434	/
					25	0	Right Side	711	0.358	0.56	25.00	24.73	0.381	/
					1	0	Bottom Side	711	0.211	2.65	26.00	25.83	0.219	/
					25	0	Bottom Side	711	0.182	1.32	25.00	24.73	0.194	/
LTE Band 25	Body	15	20M	QPSK	1	0	Front side	1905	0.203	0.30	24.50	24.00	0.228	/
					50	0	Front side	1905	0.177	-3.33	23.00	22.96	0.179	/
					1	0	Back Side	1905	0.711	2.63	24.50	24.00	**0.798**	**36**
					50	0	Back Side	1905	0.606	2.47	23.00	22.96	0.612	/
	Hotspot	10			1	0	Front side	1905	0.196	-0.61	22.50	22.28	0.206	/
					50	0	Front side	1905	0.169	-3.52	21.50	21.00	0.190	/
					1	0	Back Side	1905	0.688	0.77	22.50	22.28	0.724	/
					50	0	Back Side	1905	0.584	-1.36	21.50	21.00	0.655	/
					1	0	Left Side	1905	0.270	0.18	22.50	22.28	0.284	/
					50	0	Left Side	1905	0.229	-0.08	21.50	21.00	0.257	/
					1	0	Right Side	1905	0.485	-0.08	22.50	22.28	0.510	/
					50	0	Right Side	1905	0.416	-0.58	21.50	21.00	0.467	/
					1	0	Bottom Side	1905	0.660	-2.63	22.50	22.28	0.694	/
					50	0	Bottom Side	1905	0.559	-0.47	21.50	21.00	0.627	/

LTE Band 26	Body &Hotspot	10	15M	QPSK	1	0	Front side	831.5	0.235	3.56	24.50	24.17	0.254	/
					36	0	Front side	841.5	0.198	-1.04	23.00	22.72	0.211	/
					1	0	Back Side	831.5	0.344	0.00	24.50	24.17	**0.371**	**38**
					36	0	Back Side	841.5	0.292	0.25	23.00	22.72	0.311	/
	Hotspot	10			1	0	Left Side	831.5	0.175	3.30	24.50	24.17	0.189	/
					36	0	Left Side	841.5	0.151	3.15	23.00	22.72	0.161	/
					1	0	Right Side	831.5	0.275	3.22	24.50	24.17	0.297	/
					36	0	Right Side	841.5	0.236	-1.51	23.00	22.72	0.252	/
					1	0	Bottom Side	831.5	0.138	3.01	24.50	24.17	0.149	/
					36	0	Bottom Side	841.5	0.118	-0.50	23.00	22.72	0.126	/
LTE Band 38	Body &Hotspot	10	20M	QPSK	1	0	Front side	2580	0.115	2.03	25.00	24.75	0.122	/
					50	0	Front side	2610	0.097	1.32	23.50	23.04	0.108	/
					1	0	Back Side	2580	0.405	3.63	25.00	24.75	**0.429**	**40**
					50	0	Back Side	2610	0.344	-2.80	23.50	23.04	0.382	/
	Hotspot	10			1	0	Left Side	2580	0.203	-3.81	25.00	24.75	0.215	/
					50	0	Left Side	2610	0.175	0.57	23.50	23.04	0.195	/
					1	0	Right Side	2580	0.327	-1.56	25.00	24.75	0.346	/
					50	0	Right Side	2610	0.281	-0.63	23.50	23.04	0.312	/
					1	0	Bottom Side	2580	0.162	0.02	25.00	24.75	0.172	/
					50	0	Bottom Side	2610	0.137	3.54	23.50	23.04	0.152	/
LTE Band 41	Body &Hotspot	10	20M	QPSK	1	0	Front side	2645	0.128	-3.73	24.50	24.44	0.130	/
					50	0	Front side	2645	0.112	2.16	23.20	23.28	0.110	/
					1	0	Back Side	2645	0.444	3.88	24.50	24.44	**0.450**	**42**
					50	0	Back Side	2645	0.377	3.87	23.20	23.28	0.370	/
	Hotspot	10			1	0	Left Side	2645	0.226	-3.71	24.50	24.44	0.229	/
					50	0	Left Side	2645	0.192	-1.71	23.20	23.28	0.188	/
					1	0	Right Side	2645	0.359	-2.66	24.50	24.44	0.364	/
					50	0	Right Side	2645	0.305	-2.35	23.20	23.28	0.299	/
					1	0	Bottom Side	2645	0.180	3.81	24.50	24.44	0.183	/
					50	0	Bottom Side	2645	0.156	2.88	23.20	23.28	0.153	/

LTE Band 66	Body	10	20M	QPSK	1	0	Front side	1745	0.168	-3.00	25.00	24.80	0.176	/
					50	0	Front side	1770	0.145	0.64	24.00	23.50	0.163	/
					1	0	Back Side	1745	0.588	0.23	25.00	24.80	**0.616**	**44**
					50	0	Back Side	1770	0.500	0.20	24.00	23.50	0.561	/
	Hotspot	10			1	0	Front side	1745	0.108	-3.70	22.00	21.52	0.121	/
					50	0	Front side	1770	0.091	-3.27	20.50	20.37	0.094	/
					1	0	Back Side	1745	0.379	2.22	22.00	21.52	0.423	/
					50	0	Back Side	1770	0.321	-2.35	20.50	20.37	0.331	/
					1	0	Left Side	1745	0.152	1.57	22.00	21.52	0.170	/
					50	0	Left Side	1770	0.127	3.64	20.50	20.37	0.131	/
					1	0	Right Side	1745	0.266	3.31	22.00	21.52	0.297	/
					50	0	Right Side	1770	0.225	-3.25	20.50	20.37	0.232	/
					1	0	Bottom Side	1745	0.418	0.55	22.00	21.52	0.467	/
					50	0	Bottom Side	1770	0.355	3.13	20.50	20.37	0.366	/
LTE Band 71	Body &Hotspot	10	20M	QPSK	1	0	Front side	673	0.301	-1.59	25.50	25.43	0.306	/
					50	0	Front side	673	0.257	3.61	24.00	23.99	0.258	/
					1	0	Back Side	673	0.436	-3.32	25.50	25.43	**0.443**	**46**
					50	0	Back Side	673	0.370	0.64	24.00	23.99	0.371	/
	Hotspot	10			1	0	Left Side	673	0.218	1.41	25.50	25.43	0.222	/
					50	0	Left Side	673	0.187	3.02	24.00	23.99	0.187	/
					1	0	Right Side	673	0.349	0.41	25.50	25.43	0.355	/
					50	0	Right Side	673	0.297	1.41	24.00	23.99	0.298	/
					1	0	Bottom Side	673	0.176	3.62	25.50	25.43	0.179	/
					50	0	Bottom Side	673	0.153	-1.97	24.00	23.99	0.153	/

Note:

1. The test separation of all above table is 10mm.
2. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
   a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
   b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor
3. When the user enables the personal Wireless router functions for the handsets, actual operations include simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot be evaluated for SAR under actual use conditions. The “Portable Hotspot” feature on the handset was NOT activated, to ensure the SAR measurements were evaluated for a single transmission frequency RF signal.

Hotspot mode SAR scaled to the maximum output power:

Band	RF Exposure Condition	Dist. (mm)	Model	Test Position	Freq.	SAR (1g) (W/kg)	Power Drift(%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)
PCS1900	Hotspot	10	GPRS (GMSK, 2-Slot)	Front Side	1850.2	0.366	2.77	29.00	27.12	0.564
				Back Side	1850.2	0.537	1.93	29.00	27.12	0.828
				Left Side	1850.2	0.032	0.92	29.00	27.12	0.049
				Right Side	1850.2	0.075	0.57	29.00	27.12	0.116
				Top Side	1850.2	0.055	-1.32	29.00	27.12	0.085
				Bottom Side	1850.2	0.691	-2.53	29.00	27.12	1.065
WCDMA Band II	Hotspot	10	RMC	Front Side	1907.6	0.126	-3.90	23.80	20.61	0.263
				Back Side	1907.6	0.445	-2.61	23.80	20.61	0.928
				Left Side	1907.6	0.174	-3.63	23.80	20.61	0.363
				Right Side	1907.6	0.314	-2.86	23.80	20.61	0.655
				Bottom Side	1907.6	0.664	-3.23	23.80	20.61	**1.384**

Band	RF Exposure Condition	Dist. (mm)	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift(%)	Max. Turn-up Power(dBm)	Meas. Output Power(dBm)	Scaled SAR (W/Kg)
LTE Band 2	Hotspot	10	20M	QPSK	1	0	Front side	1900	0.200	-0.45	25.50	22.38	0.410
					50	0	Front side	1900	0.171	-3.66	24.50	20.91	0.391
					1	0	Back Side	1900	0.705	1.17	25.50	22.38	**1.446**
					50	0	Back Side	1900	0.602	-1.59	24.50	20.91	**1.376**
					1	0	Left Side	1900	0.275	-1.56	25.50	22.38	0.564
					50	0	Left Side	1900	0.235	-0.84	24.50	20.91	0.537
					1	0	Right Side	1900	0.493	1.25	25.50	22.38	1.011
					50	0	Right Side	1900	0.419	2.26	24.50	20.91	0.958
					1	0	Bottom Side	1860	0.612	-0.74	25.50	21.47	**1.548**
					1	0	Bottom Side	1880	0.648	-1.77	25.50	21.81	**1.516**
					1	0	Bottom Side	1900	0.779	0.97	25.50	22.38	**1.598**
					50	0	Bottom Side	1900	0.664	-1.50	24.50	20.91	1.518

LTE Band 4	Hotspot	10	20M	QPSK	1	0	Front side	1720	0.099	1.64	24.50	21.44	0.200
					50	0	Front side	1732.5	0.084	-2.16	23.00	19.88	0.172
					1	0	Back Side	1720	0.342	1.77	24.50	21.44	0.692
					50	0	Back Side	1732.5	0.294	2.95	23.00	19.88	0.603
					1	0	Left Side	1720	0.136	0.04	24.50	21.44	0.275
					50	0	Left Side	1732.5	0.118	-3.99	23.00	19.88	0.242
					1	0	Right Side	1720	0.242	-1.70	24.50	21.44	0.490
					50	0	Right Side	1732.5	0.206	-1.11	23.00	19.88	0.423
					1	0	Bottom Side	1720	0.387	-2.20	24.50	21.44	0.783
					50	0	Bottom Side	1732.5	0.331	-0.93	23.00	19.88	0.679
LTE Band 7	Hotspot	10	20M	QPSK	1	0	Front side	2560	0.111	3.01	24.50	21.01	0.248
					50	0	Front side	2560	0.097	2.72	23.00	20.61	0.168
					1	0	Back Side	2560	0.379	3.23	24.50	21.01	0.847
					50	0	Back Side	2560	0.325	-0.79	23.00	20.61	0.563
					1	0	Left Side	2560	0.148	1.73	24.50	21.01	0.331
					50	0	Left Side	2560	0.127	-2.63	23.00	20.61	0.220
					1	0	Right Side	2560	0.266	1.04	24.50	21.01	0.594
					50	0	Right Side	2560	0.226	1.03	23.00	20.61	0.392
					1	0	Bottom Side	2560	0.420	0.08	24.50	21.01	0.938
					50	0	Bottom Side	2560	0.359	2.67	23.00	20.61	0.622
LTE Band 25	Hotspot	10	20M	QPSK	1	0	Front side	1905	0.196	-0.61	24.50	22.28	0.327
					50	0	Front side	1905	0.169	-3.52	23.00	21.00	0.268
					1	0	Back Side	1905	0.688	0.77	24.50	22.28	1.147
					50	0	Back Side	1905	0.584	-1.36	23.00	21.00	0.926
					1	0	Left Side	1905	0.270	0.18	24.50	22.28	0.450
					50	0	Left Side	1905	0.229	-0.08	23.00	21.00	0.363
					1	0	Right Side	1905	0.485	-0.08	24.50	22.28	0.809
					50	0	Right Side	1905	0.416	-0.58	23.00	21.00	0.659
					1	0	Bottom Side	1905	0.660	-2.63	24.50	22.28	1.100
					50	0	Bottom Side	1905	0.559	-0.47	23.00	21.00	0.886

LTE Band 66	Hotspot	10	20M	QPSK	1	0	Front side	1745	0.108	-3.70	25.00	21.52	0.241
					50	0	Front side	1770	0.091	-3.27	24.00	20.37	0.210
					1	0	Back Side	1745	0.379	2.22	25.00	21.52	0.845
					50	0	Back Side	1770	0.321	-2.35	24.00	20.37	0.740
					1	0	Left Side	1745	0.152	1.57	25.00	21.52	0.339
					50	0	Left Side	1770	0.127	3.64	24.00	20.37	0.293
					1	0	Right Side	1745	0.266	3.31	25.00	21.52	0.593
					50	0	Right Side	1770	0.225	-3.25	24.00	20.37	0.519
					1	0	Bottom Side	1745	0.418	0.55	25.00	21.52	0.931
					50	0	Bottom Side	1770	0.355	3.13	24.00	20.37	0.819

Note: According KDB 648474 D04, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold, WCDMA B2, LTE B2 Hotspot mode1-g reported SAR > 1.2 W/kg, therefore, we conducted Phablet SAR test on WCDMA B2/LTE B2.

12.3 Phablet SAR

Band	RF Exposure Condition	Dist. (mm)	Model	Test Position	Freq.	SAR (10g) (W/kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
WCDMA Band II	Hotspot	0	RMC	Front Side	1907.6	0.235	-3.90	21.00	20.61	0.257	/
				Back Side	1907.6	1.132	-2.61	21.00	20.61	1.238	/
				Left Side	1907.6	0.316	-3.63	21.00	20.61	0.346	/
				Right Side	1907.6	0.778	-2.86	21.00	20.61	0.851	/
				Bottom Side	1907.6	1.364	-3.23	21.00	20.61	**1.492**	**47**

Band	RF Exposure Condition	Dist. (mm)	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 10g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)	Meas. No.
LTE Band 2	Hotspot	0	20M	QPSK	1	0	Front side	1900	0.482	-0.45	22.50	22.38	0.496	/
					50	0	Front side	1900	0.329	-3.66	21.00	20.91	0.336	/
					1	0	Back Side	1860	1.834	1.17	22.50	21.47	2.325	/
					1	0	Back Side	1880	1.983	1.17	22.50	21.81	2.324	/
					1	0	Back Side	1900	2.341	1.17	22.50	22.38	2.407	/
					50	0	Back Side	1900	1.595	-1.59	21.00	20.91	1.628	/
					1	0	Left Side	1900	0.650	-1.56	22.50	22.38	0.668	/
					50	0	Left Side	1900	0.444	-0.84	21.00	20.91	0.453	/
					1	0	Right Side	1900	1.607	1.25	22.50	22.38	1.652	/
					50	0	Right Side	1900	1.091	2.26	21.00	20.91	1.114	/
					1	0	Bottom Side	1860	2.347	-0.74	22.50	21.47	2.975	/
					1	0	Bottom Side	1880	2.157	-1.77	22.50	21.81	2.722	/
					1	0	Bottom Side	1900	2.815	0.97	22.50	22.38	**2.894**	**48**
					50	0	Bottom Side	1900	1.917	-1.50	21.00	20.91	1.957	/

Note:
1. The test separation of all above table is 0mm.
2. Per KDB 447498 D01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.
   a. Tune-up scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.
   b. Scaled SAR(W/kg) = Measured SAR(W/kg) *Tune-up Scaling Factor

12.4 Repeated SAR

Band	RF Exposure Condition	Dist. (mm)	Mode	Test Position	Ch.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power(dBm)	Scaled SAR(W/Kg)
PCS 1900	Body	10	GPRS (GMSK, 3-Slot)	Back Side	1850.2	0.722	-3.46	27.50	27.04	0.803
WCDMA Band II	Body	10	RMC	Back Side	1852.4	0.794	0.63	23.80	23.49	0.853
				Back Side	1880	0.811	-1.08	23.80	23.50	0.869
				Back Side	1907.6	0.740	-1.63	23.80	23.46	0.801

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)
LTE Band 38	20M	QPSK	1	0	Left Cheek	2580	0.890	1.31	25.00	24.75	0.942
			1	0	Left Cheek	2595	0.562	-3.60	25.00	23.23	0.845
			1	0	Left Cheek	2610	0.672	0.05	25.00	23.88	0.869
			50	0	Left Cheek	2580	0.781	1.18	23.20	23.02	0.814
			50	0	Left Cheek	2610	0.809	-1.66	23.20	23.04	0.839

Band	RF Exposure Condition	Dist. (mm)	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Result 1g (W/Kg)	Power Drift (%)	Max. Turn-up Power (dBm)	Meas. Output Power (dBm)	Scaled SAR (W/Kg)
LTE Band 2	Hotspot	10	20M	QPSK	1	0	Bottom Side	1900	0.740	2.78	22.50	22.38	0.761

12.5 Repeated SAR measurement

Band	RF Exposure Condition	Dist. (mm)	Mode	Test Position	Ch.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
PCS 1900	Body	10	GPRS (GMSK, 3-Slot)	Back Side	1850.2	0.746	0.722	1.033
WCDMA Band II	Body	10	RMC	Back Side	1852.4	0.794	0.794	1.000
				Back Side	1880	0.846	0.811	1.043
				Back Side	1907.6	0.755	0.740	1.020

Band	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
LTE Band 38	20M	QPSK	1	0	Left Cheek	2580	0.920	0.890	1.034
			1	0	Left Cheek	2595	0.584	0.562	1.039
			1	0	Left Cheek	2610	0.680	0.672	1.012
			50	0	Left Cheek	2580	0.783	0.781	1.002
			50	0	Left Cheek	2610	0.828	0.809	1.024

Band	RF Exposure Condition	Dist. (mm)	BW (MHz)	Mod.	RB Size	RB offset	Test Position	Freq.	Original Measured SAR 1g(W/kg)	1 st Repeated SAR 1g	Ratio
LTE Band 2	Hotspot	10	20M	QPSK	1	0	Bottom Side	1900	0.779	0.740	1.052

Note:

1. Per KDB 865664 D01,for each frequency band ,repeated SAR measurement is required only when the measured SAR is≥0.8W/Kg.
2. Per KDB 865664 D01,if the ratio of largest to smallest SAR for the original and first repeated measurement is≤1.2 and the measured SAR＜1.45W/Kg, only one repeated measurement is required.
3. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is＞1.20 or when the original or repeated measurement is ≥1.45W/Kg.
4. The ratio is the difference in percentage between original and repeated measured SAR.

12.6 Simultaneous Multi-band Transmission Evaluation

Application Simultaneous Transmission information:

Position	Simultaneous State
Head	1. GSM + 2.4GHz WLAN/5G WLAN+NFC
	2. GSM + Bluetooth+NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN+NFC
	4. WCDMA + Bluetooth+NFC
	5. LTE + 2.4GHz WLAN/5G WLAN+NFC
	6. LTE + Bluetooth+NFC
Body& Hotspot	1. GSM + 2.4GHz WLAN/5G WLAN+NFC
	2. GSM + Bluetooth+NFC
	3. WCDMA + 2.4GHz WLAN/5G WLAN+NFC
	4. WCDMA + Bluetooth+NFC
	5. LTE + 2.4GHz WLAN/5G WLAN+NFC
	6. LTE + Bluetooth+NFC

NOTE:
1. Bluetooth and WLAN can't simultaneous transmission at the same time.
2. For simultaneous transmission at head and body exposure position, 2 transmitters simultaneous transmission was the worst state.
3. If the test separation distance is <5mm, 5mm is used for excluded SAR calculation.
4. KDB 447498 / 4.3.2 (2) when standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:
a) (max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]·[√f (GHz) /x] W/kg for test separation distances≤ 50 mm;
Where x = 7.5 for 1-g SAR, and x = 18.75 for 10-g SAR.
b) 0.4W/Kg for 1-g SAR and 1.0W/Kg for 10-g SAR, when the separation distance is >50mm.

Estimated SAR		Maximum Turn-up Power		Antenna to user(mm)	Frequency (GHz)	Stand Alone SAR(1g) [W/kg]
		dBm	mW			
BT	Head	1.5	1.413	5	2.441	0.059
	Body			5	2.441	0.059
	Hotspot			5	2.441	0.059
NFC	Head	-44	0.00004	5	0.01356	0.0000001
	Body			5	0.01356	0.0000001
	Hotspot			5	0.01356	0.0000001

Simultaneous Mode	Position	Mode	Max. 1-g SAR (W/kg)	1-g Sum SAR (W/kg)
GSM + 2.4G WLAN+NFC	Head	GSM	0.306	0.918
		NFC	0.0000001	
		2.4G WLAN	0.612	
	Body&Hotspot	GSM	0.829	1.132
		NFC	0.0000001	
		2.4G WLAN	0.303	
GSM + Bluetooth+NFC	Head	GSM	0.306	0.365
		NFC	0.0000001	
		Bluetooth	0.059	
	Body&Hotspot	GSM	0.829	0.888
		NFC	0.0000001	
		Bluetooth	0.059	
GSM + 5G WLAN+NFC	Head	GSM	0.306	1.014
		NFC	0.0000001	
		5G WLAN	0.708	
	Body&Hotspot	GSM	0.829	1.141
		NFC	0.0000001	
		5G WLAN	0.312	
WCDMA + 2.4G WLAN+NFC	Head	WCDMA	0.265	0.877
		NFC	0.0000001	
		2.4G WLAN	0.612	
	Body&Hotspot	WCDMA	0.907	1.210
		NFC	0.0000001	
		2.4G WLAN	0.303	
WCDMA + Bluetooth+NFC	Head	WCDMA	0.265	0.324
		NFC	0.0000001	
		Bluetooth	0.059	
	Body&Hotspot	WCDMA	0.907	0.966
		NFC	0.0000001	
		Bluetooth	0.059	
WCDMA + 5G WLAN+NFC	Head	WCDMA	0.265	0.973
		NFC	0.0000001	
		5G WLAN	0.708	
	Body&Hotspot	WCDMA	0.907	1.219
		NFC	0.0000001	
		5G WLAN	0.312	
LTE + 2.4G WLAN+NFC	Head	LTE	0.975	1.587
		NFC	0.0000001	
		2.4G WLAN	0.612	
	Body&Hotspot	LTE	0.801	1.104
		NFC	0.0000001	
		2.4G WLAN	0.303	

LTE + Bluetooth+NFC	Head	LTE	0.975	1.034
		NFC	0.0000001	
		Bluetooth	0.059	
	Body&Hotspot	LTE	0.801	0.860
		NFC	0.0000001	
		Bluetooth	0.059	
LTE + 5G WLAN+NFC	Head Left Cheek	LTE	0.975	1.544
		NFC	0.0000001	
		5G WLAN	0.569	
	Head Left Tilt	LTE	0.555	1.263
		NFC	0.0000001	
		5G WLAN	0.708	
	Body&Hotspot	LTE	0.801	1.113
		NFC	0.0000001	
		5G WLAN	0.312	

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.

When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR-1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR-1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.

13. Equipment List

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
750MHz Dipole	MVG	DIP0G750	SN 06/22 DIP0G750-638	2022.02.11	2025.02.10
835MHz Dipole	MVG	DIP0G835	SN 06/22 DIP0G835-639	2022.02.11	2025.02.10
1800MHz Dipole	MVG	DIP1G800	SN 06/22 DIP1G800-640	2022.02.11	2025.02.10
1900MHz Dipole	MVG	DIP1G900	SN 06/22 DIP1G900-641	2022.02.11	2025.02.10
2450MHz Dipole	MVG	DIP2G450	SN 06/22 DIP2G450-645	2022.02.11	2025.02.10
2600MHz Dipole	MVG	DIP2G600	SN 06/22 DIP2G600-646	2022.02.11	2025.02.10
5000MHz Dipole	MVG	DIP5G000	SN 06/22 DIP5G000-653	2022.02.11	2025.02.10
E-Field Probe	MVG	EPGO364	SN 04/22 EPGO364	2024.02.07	2025.02.06
Liquid Calibration Kit	MVG	OCPG 87	SN 06/22 OCPG87	2024.02.07	2025.02.06
Antenna	MVG	ANTA 73	SN 06/22 ANTA 73	N/A	N/A
Ellipsoid Phantom	MVG	ELLI 51	SN 06/22 ELLI 51	N/A	N/A
Phantom	MVG	SAM 148	SN 06/22 SAM148	N/A	N/A
Phone holder	MVG	MSH 117	SN 06/22 MSH 117	N/A	N/A
Laptop positioner	MVG	LSH 36	SN 06/22 LSH 38	N/A	N/A
Directional coupler	SHW	SHWDCP	202203280013	N/A	N/A
Network Analyzer	ZVL	R&S	116184-HC	2024.03.25	2025.03.24
Multi Meter	DMM6500	Keithley	4527252	2024.03.15	2025.03.14
Signal Generator	Keysight	N5182B	MY59100717	2024.03.09	2025.03.08
Wireless Communication Test Set	R&S	CMW500	137737	2024.03.09	2025.03.08
Power Sensor	R&S	Z11	116184	2024.02.23	2025.02.22
Electronic Temperature hygrometer	N/A	ST-W2318	N/A	2024.03.11	2025.03.10
Temperature hygrometer	N/A	TP101	N/A	2024.03.11	2025.03.10

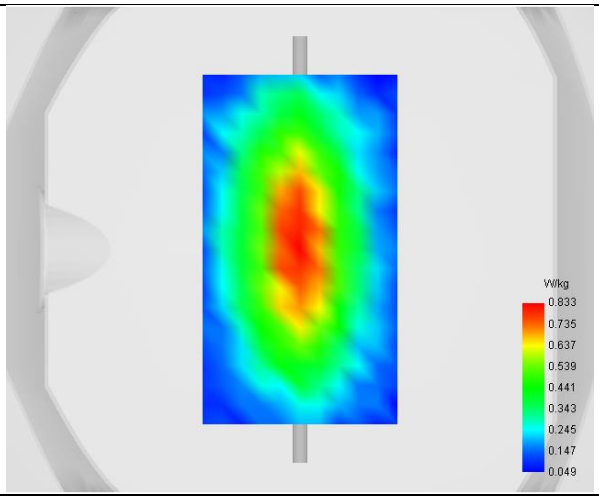
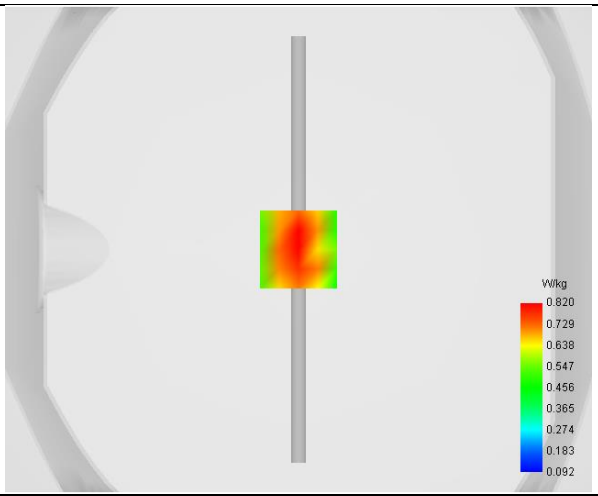
Appendix A. System Validation Plots

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm,dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2024-09-19

Experimental conditions.

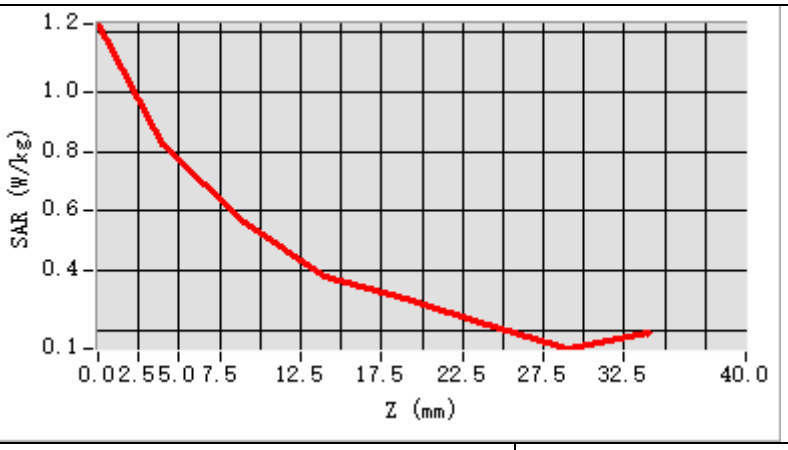
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.92
Conductivity (S/m)	0.91
Probe	SN 04/22 EPGO364
ConvF	1.68
Crest factor:	1:1

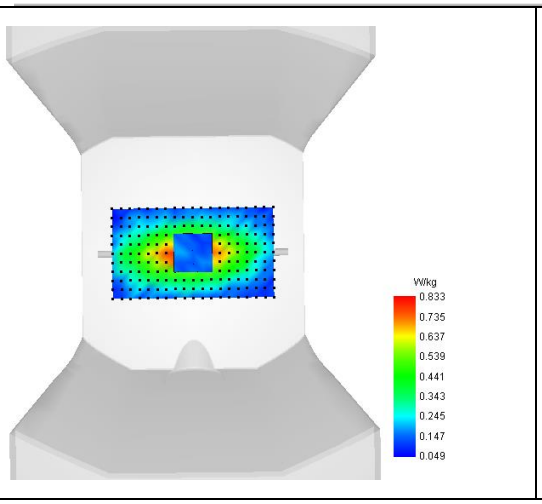
SURFACE SAR	VOLUME SAR
	

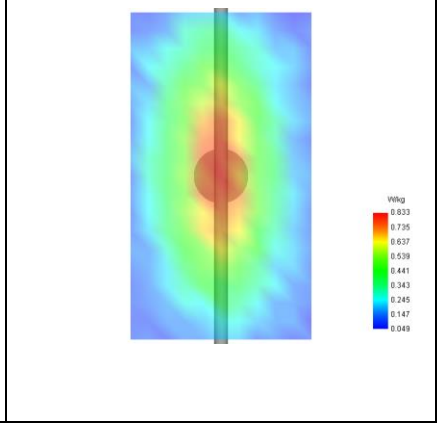
Maximum location: X=0.00, Y=7.00 ; SAR Peak: 1.19 W/kg

SAR 10g (W/Kg)	0.581
SAR 1g (W/Kg)	0.840

Z Axis Scan


1.2
1.0
0.8
0.6
0.4
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)


W/kg
0.833
0.735
0.637
0.539
0.441
0.343
0.245
0.147
0.049

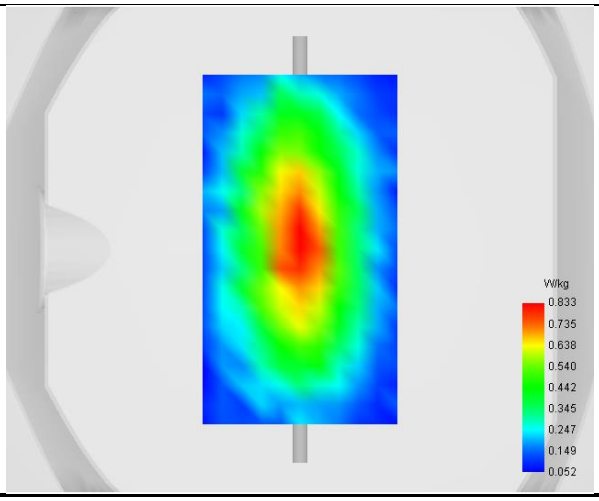
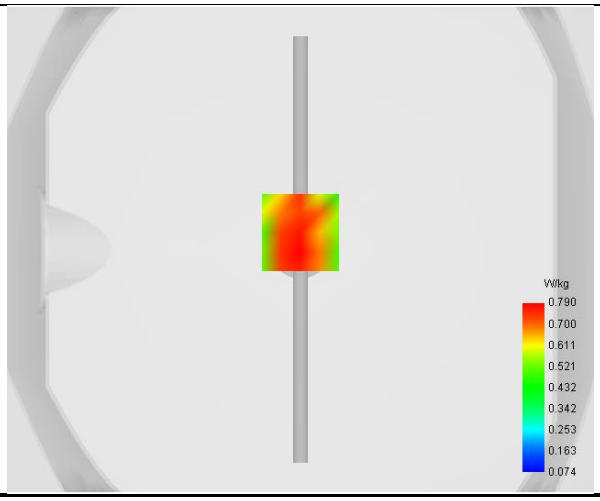

W/kg
0.833
0.735
0.637
0.539
0.441
0.343
0.245
0.147
0.049

System Performance Check Data (750MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm,dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2024-09-22

Experimental conditions.

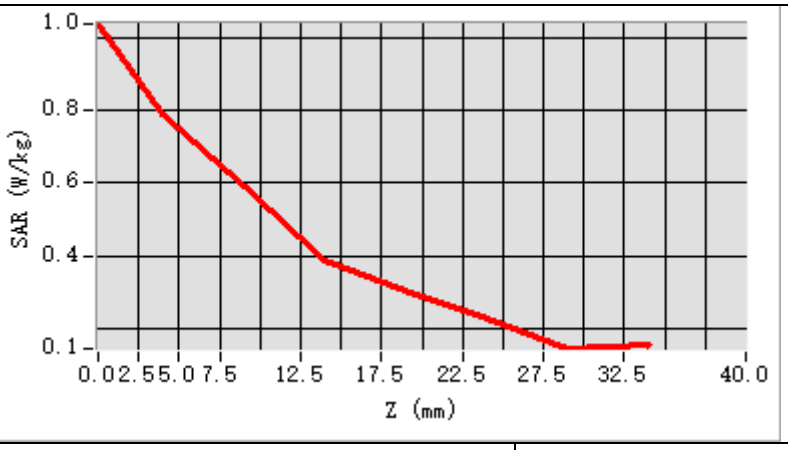
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Channels	Middle
Signal	CW
Frequency (MHz)	750.000
Relative permittivity	42.03
Conductivity (S/m)	0.87
Probe	SN 04/22 EPGO364
ConvF	1.68
Crest factor:	1:1

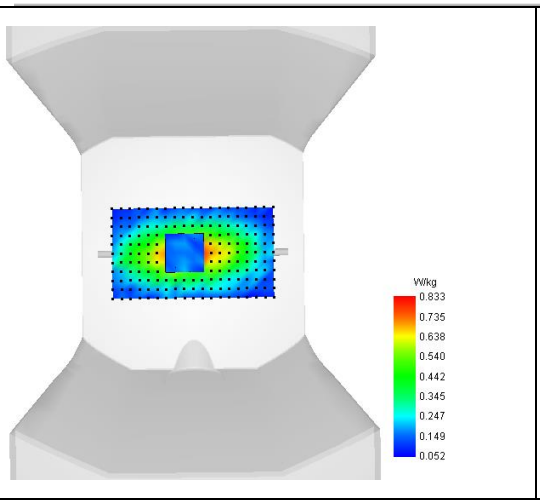
SURFACE SAR	VOLUME SAR
	

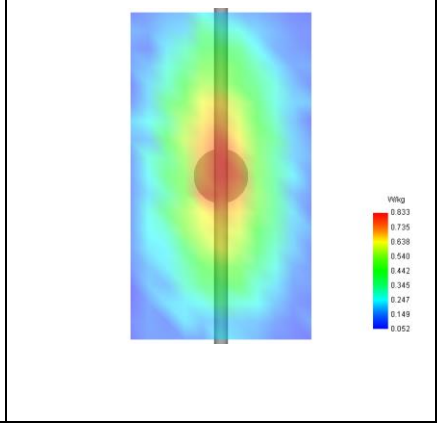
Maximum location: X=0.00, Y=7.00 ; SAR Peak: 1.19 W/kg

SAR 10g (W/Kg)	0.513
SAR 1g (W/Kg)	0.813

Z Axis Scan


1.0
0.8
0.6
0.4
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)


W/kg
0.833
0.735
0.638
0.540
0.442
0.345
0.247
0.149
0.052

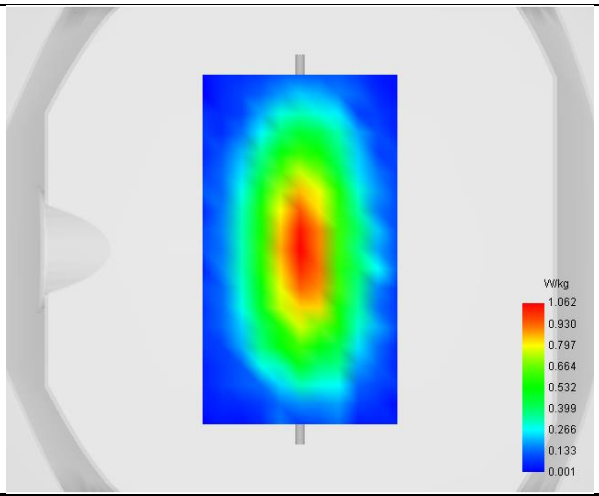
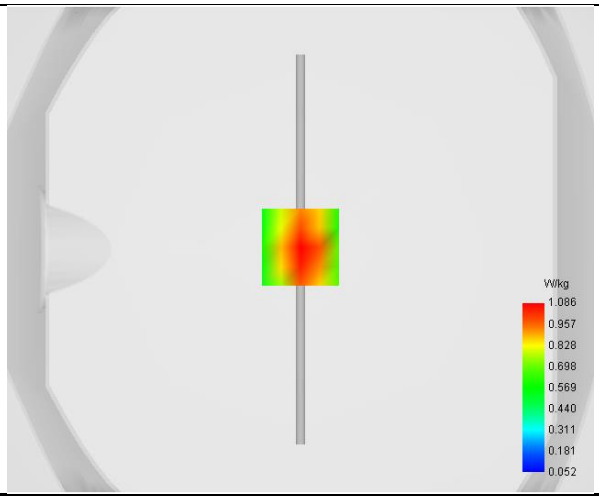

W/kg
0.833
0.735
0.638
0.540
0.442
0.345
0.247
0.149
0.052

System Performance Check Data (835MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm,dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2024-09-16

Experimental conditions.

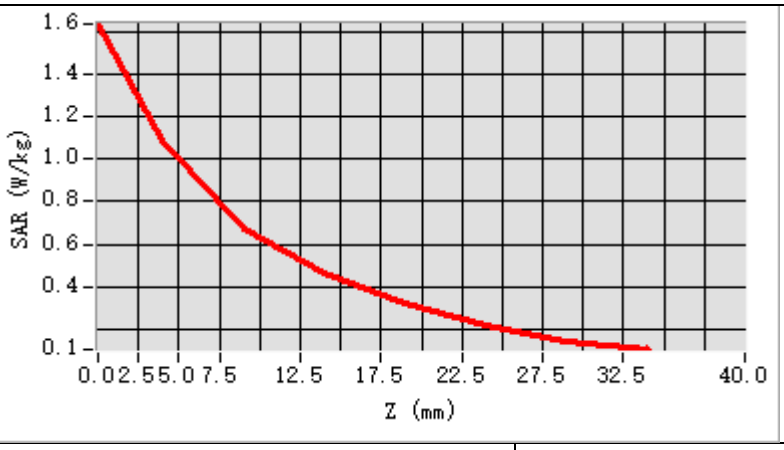
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Channels	Middle
Signal	CW
Frequency (MHz)	835.000
Relative permittivity	41.03
Conductivity (S/m)	0.89
Probe	SN 04/22 EPGO364
ConvF	1.70
Crest factor:	1:1

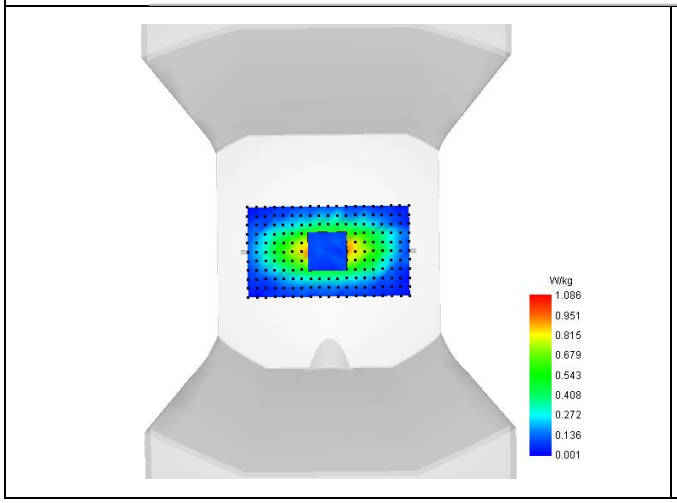
SURFACE SAR	VOLUME SAR
	

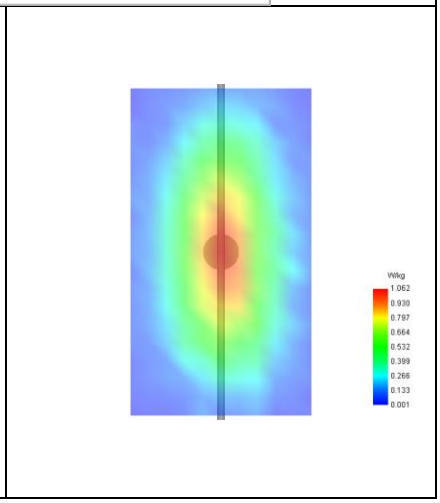
Maximum location: X=0.00, Y=1.00 ; SAR Peak: 1.63 W/kg

SAR 10g (W/Kg)	0.614
SAR 1g (W/Kg)	0.992

Z Axis Scan


1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.1
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)


W/kg
1.086
0.951
0.815
0.679
0.543
0.408
0.272
0.136
0.001

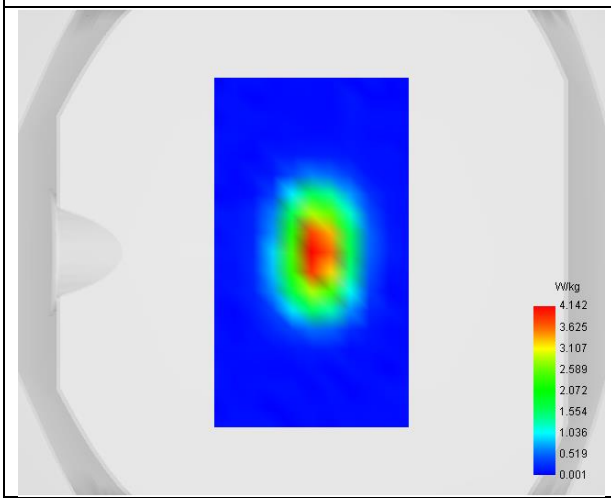
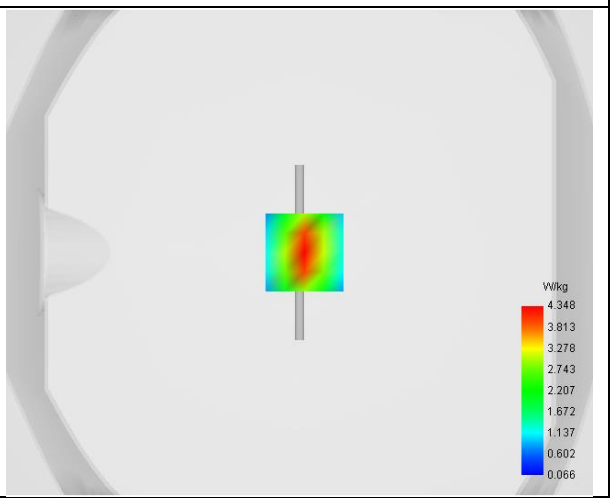


System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm, dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2024-09-17

Experimental conditions.

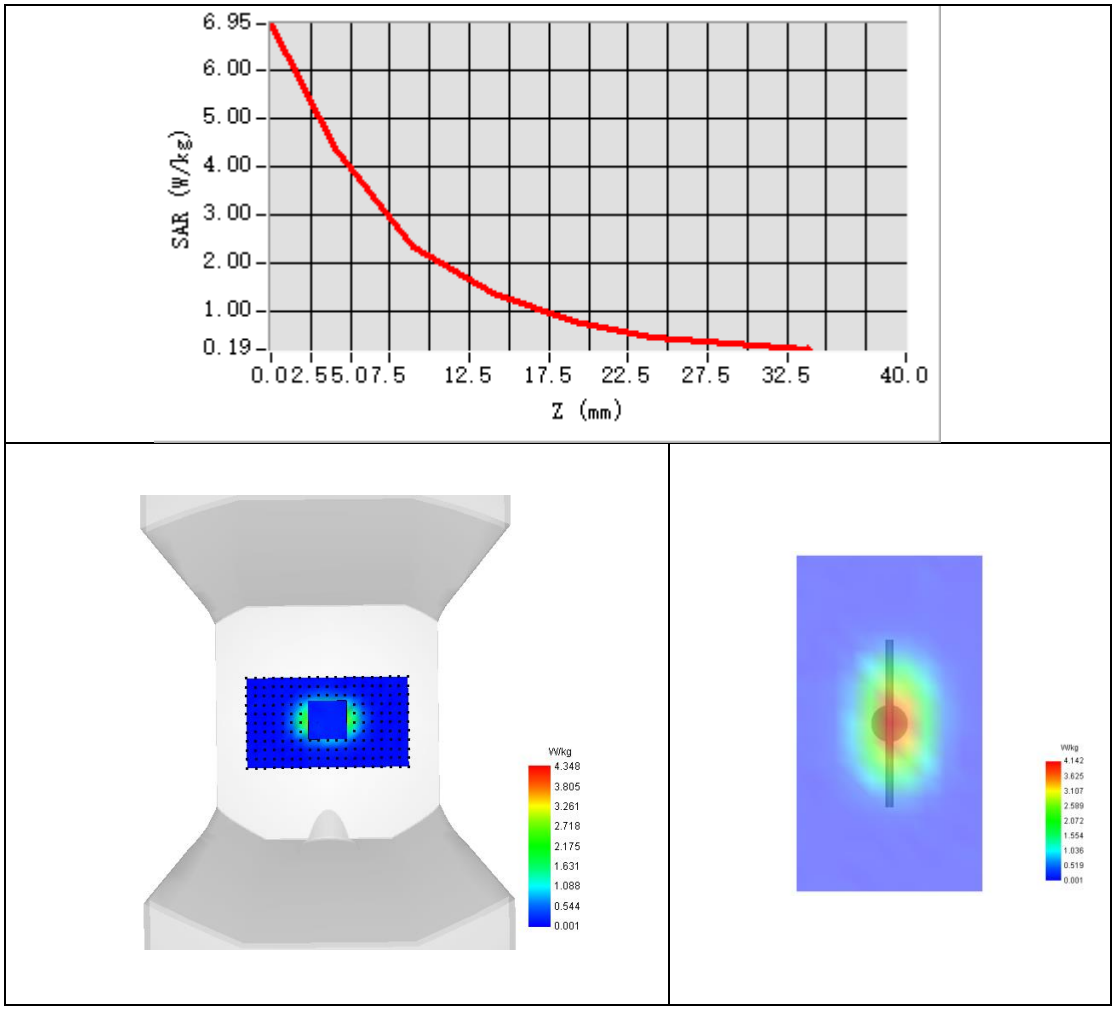
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.56
Conductivity (S/m)	1.41
Probe	SN 04/22 EPGO364
ConvF	1.91
Crest factor:	1:1

SURFACE	VOLUME SAR
	

Maximum location: X=2.00, Y=0.00 ; SAR Peak: 6.91 W/kg

SAR 10g (W/Kg)	2.055
SAR 1g (W/Kg)	3.911

Z Axis Scan

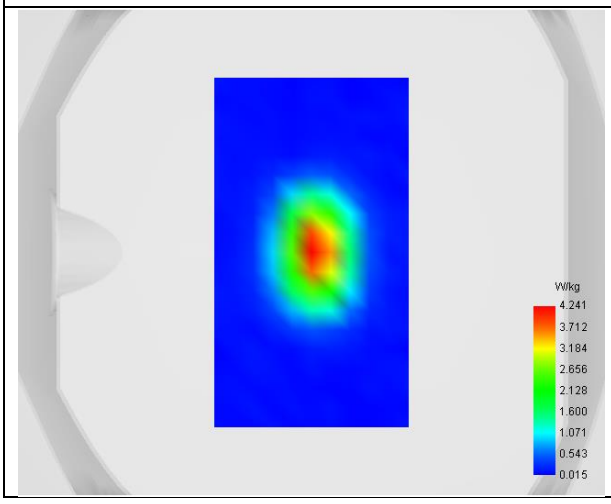
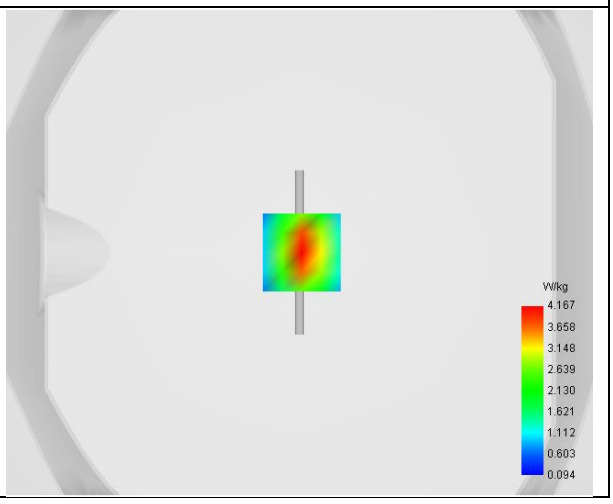

6.95
6.00
5.00
4.00
3.00
2.00
1.00
0.19
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)
W/kg
4.348
3.805
3.261
2.718
2.175
1.631
1.088
0.544
0.001
W/kg
4.142
3.625
3.107
2.589
2.072
1.554
1.036
0.519
0.001

System Performance Check Data (1800MHz)

Type: Phone measurement (Complete)
Area scan resolution: dx=8mm, dy=8mm
Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm
Date of measurement: 2024-09-21

Experimental conditions.

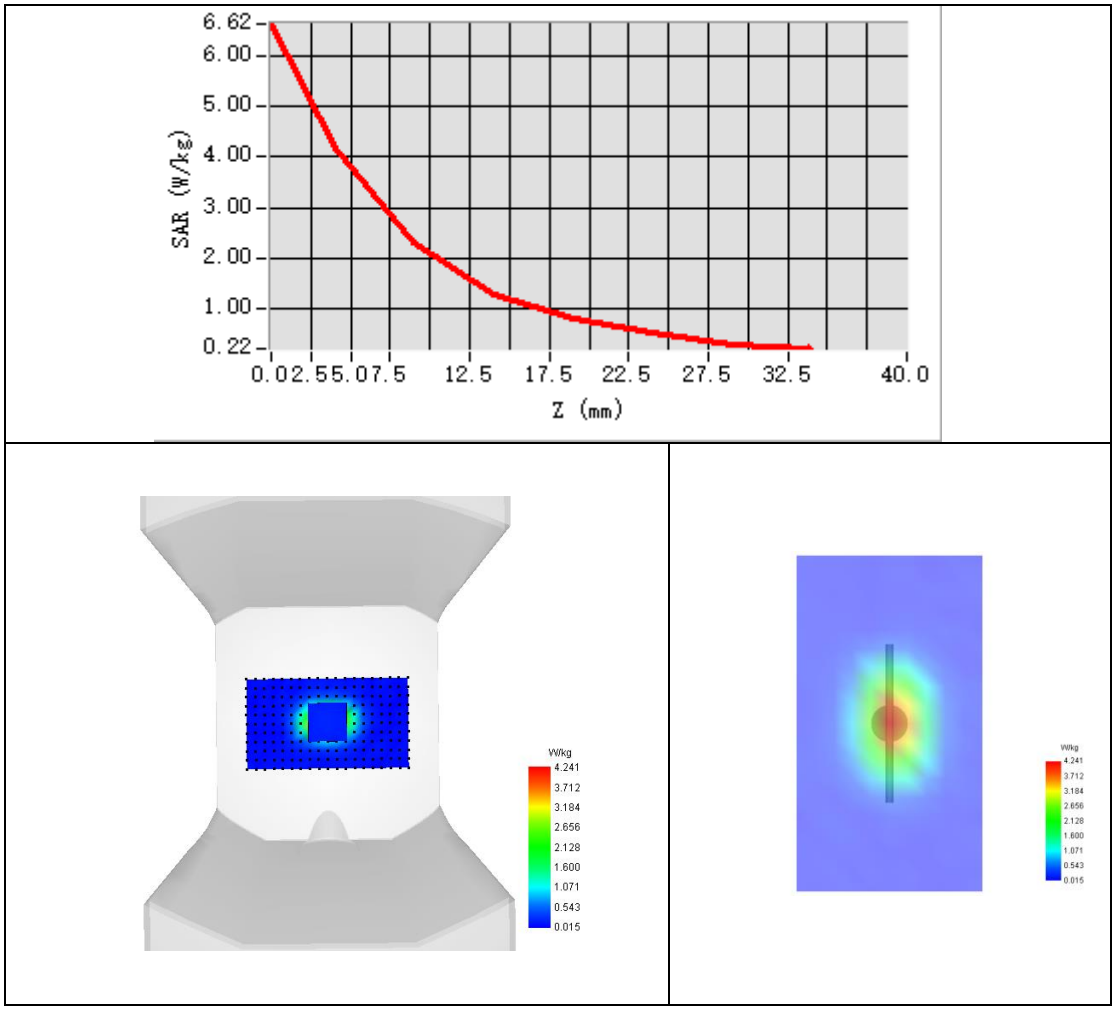
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Channels	Middle
Signal	CW
Frequency (MHz)	1800.000
Relative permittivity	40.08
Conductivity (S/m)	1.43
Probe	SN 04/22 EPGO364
ConvF	1.91
Crest factor:	1:1

SURFACE	VOLUME SAR
	

Maximum location: X=1.00, Y=0.00 ; SAR Peak: 6.56 W/kg

SAR 10g (W/Kg)	2.035
SAR 1g (W/Kg)	4.101

Z Axis Scan


6.62
6.00
5.00
4.00
3.00
2.00
1.00
0.22
SAR (W/kg)
0.0 2.5 5.0 7.5 12.5 17.5 22.5 27.5 32.5 40.0
Z (mm)
W/kg
4.241
3.712
3.184
2.656
2.128
1.600
1.071
0.543
0.015