NTNV	Band41	5MHz	40690	1RB#12	21.61	20.59	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	40690	1RB#24	21.68	20.61	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	40690	12RB#0	21.54	21.68	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	40690	12RB#6	22.41	21.47	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	40690	12RB#13	22.25	21.36	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	40690	25RB#0	22.32	20.45	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	1RB#0	21.49	20.43	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	1RB#12	21.41	20.35	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	1RB#24	21.42	20.42	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	12RB#0	21.41	21.85	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	12RB#6	22.69	22.38	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	12RB#13	22.78	22.12	22.0±1.0	21.0±1.0
NTNV	Band41	5MHz	41115	25RB#0	22.68	20.76	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	1RB#0	22.61	21.84	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	1RB#24	22.77	21.68	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	1RB#49	22.55	21.73	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	25RB#0	21.74	20.68	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	25RB#12	21.65	20.72	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	25RB#25	21.65	20.68	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40390	50RB#0	21.65	20.68	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	1RB#0	22.41	21.70	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	1RB#24	22.50	21.77	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	1RB#49	22.31	21.61	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	25RB#0	21.61	20.59	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	25RB#12	21.61	20.60	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	25RB#25	21.48	20.55	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	40690	50RB#0	21.53	20.59	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	1RB#0	22.79	21.86	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	1RB#24	22.92	21.83	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	1RB#49	22.77	21.73	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	25RB#0	21.94	20.91	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	25RB#12	21.86	20.92	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	25RB#25	21.83	20.80	22.0±1.0	21.0±1.0
NTNV	Band41	10MHz	41090	50RB#0	21.80	20.88	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	1RB#0	22.60	21.76	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	1RB#38	22.63	21.56	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	1RB#74	22.48	21.64	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	38RB#0	21.66	21.65	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	38RB#18	21.65	21.65	22.0±1.0	21.0±1.0

NTNV	Band41	15MHz	40415	38RB#37	21.65	21.65	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40415	75RB#0	21.65	20.70	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	1RB#0	22.46	21.45	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	1RB#38	22.49	21.31	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	1RB#74	22.33	21.31	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	38RB#0	21.49	21.49	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	38RB#18	21.49	21.48	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	38RB#37	21.48	21.49	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	40690	75RB#0	21.48	20.53	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	1RB#0	22.76	21.83	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	1RB#38	22.96	21.87	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	1RB#74	22.84	21.75	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	38RB#0	21.80	21.81	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	38RB#18	21.81	21.81	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	38RB#37	21.81	21.81	22.0±1.0	21.0±1.0
NTNV	Band41	15MHz	41065	75RB#0	21.81	20.83	22.0±1.0	21.0±1.0
NTNV	Band41	20MHz	40440	1RB#0	22.53	21.64	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	1RB#49	22.66	21.94	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	1RB#99	22.42	21.35	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	50RB#0	21.78	20.70	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	50RB#25	21.78	20.73	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	50RB#50	21.71	20.72	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40440	100RB#0	21.70	20.75	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	1RB#0	22.53	21.51	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	1RB#49	22.65	21.77	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	1RB#99	22.33	21.34	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	50RB#0	21.58	20.64	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	50RB#25	21.58	20.65	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	50RB#50	21.61	20.53	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	40690	100RB#0	21.51	20.56	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	1RB#0	22.75	21.83	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	1RB#49	**23.01**	22.09	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	1RB#99	22.90	22.02	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	50RB#0	21.96	20.94	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	50RB#25	21.88	20.89	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	50RB#50	21.96	20.90	22.5±1.0	21.5±1.0
NTNV	Band41	20MHz	41040	100RB#0	21.87	20.82	22.5±1.0	21.5±1.0

Condition	Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)		Tune-Up	
					QPSK	16QAM	QPSK	16QAM
NTNV	Band66	1.4MHz	131979	1RB#0	22.76	21.93	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	1RB#2	23.06	22.14	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	1RB#5	22.79	21.91	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	3RB#0	22.90	21.77	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	3RB#1	22.79	21.63	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	3RB#3	22.87	21.79	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	131979	6RB#0	21.88	20.78	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	1RB#0	22.96	21.39	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	1RB#2	22.63	21.51	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	1RB#5	22.49	21.35	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	3RB#0	22.54	21.41	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	3RB#1	22.54	21.37	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	3RB#3	22.59	21.38	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132322	6RB#0	21.51	20.79	22.5±1.0	21.5±1.0
NTNV	Band66	1.4MHz	132665	1RB#0	22.40	21.07	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	1RB#2	22.05	21.24	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	1RB#5	21.89	21.04	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	3RB#0	22.04	20.93	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	3RB#1	22.03	20.94	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	3RB#3	21.98	20.91	22.0±1.0	21.0±1.0
NTNV	Band66	1.4MHz	132665	6RB#0	21.01	19.96	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	131987	1RB#0	22.47	21.75	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	1RB#8	22.59	21.62	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	1RB#14	22.59	21.91	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	8RB#0	21.96	20.98	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	8RB#4	21.94	20.99	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	8RB#7	21.98	21.01	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	131987	15RB#0	21.93	20.99	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	1RB#0	23.05	22.16	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	1RB#8	22.86	21.83	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	1RB#14	22.94	21.99	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	8RB#0	22.13	20.93	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	8RB#4	21.99	20.97	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	8RB#7	22.10	21.11	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132322	15RB#0	22.09	20.93	22.5±1.0	21.5±1.0
NTNV	Band66	3MHz	132657	1RB#0	22.62	21.05	22.0±1.0	21.0±1.0

NTNV	Band66	3MHz	132657	1RB#8	22.13	21.03	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	132657	1RB#14	22.10	21.02	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	132657	8RB#0	21.19	20.10	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	132657	8RB#4	21.17	20.12	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	132657	8RB#7	21.11	20.10	22.0±1.0	21.0±1.0
NTNV	Band66	3MHz	132657	15RB#0	21.12	20.00	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	131997	1RB#0	22.59	21.84	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	1RB#12	22.93	21.92	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	1RB#24	22.82	21.72	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	12RB#0	21.83	20.74	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	12RB#6	21.84	20.77	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	12RB#13	21.89	20.88	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	131997	25RB#0	21.83	20.84	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	1RB#0	22.96	22.19	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	1RB#12	22.89	22.20	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	1RB#24	22.92	22.14	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	12RB#0	21.97	21.01	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	12RB#6	22.00	20.93	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	12RB#13	21.95	21.05	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132322	25RB#0	22.05	21.01	22.5±1.0	21.5±1.0
NTNV	Band66	5MHz	132647	1RB#0	22.47	20.98	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	1RB#12	22.09	21.14	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	1RB#24	21.94	21.03	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	12RB#0	21.05	20.00	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	12RB#6	21.06	20.00	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	12RB#13	20.97	19.90	22.0±1.0	21.0±1.0
NTNV	Band66	5MHz	132647	25RB#0	21.04	20.01	22.0±1.0	21.0±1.0
NTNV	Band66	10MHz	132022	1RB#0	22.65	21.55	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	1RB#24	22.44	21.69	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	1RB#49	22.79	22.03	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	25RB#0	21.83	20.87	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	25RB#12	21.86	20.85	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	25RB#25	21.90	20.91	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132022	50RB#0	21.84	20.84	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	1RB#0	22.91	22.04	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	1RB#24	23.09	22.03	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	1RB#49	22.89	21.81	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	25RB#0	22.08	20.77	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	25RB#12	21.99	20.93	22.5±1.0	21.5±1.0

NTNV	Band66	10MHz	132322	25RB#25	22.11	21.10	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132322	50RB#0	21.98	21.03	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	1RB#0	22.51	21.04	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	1RB#24	22.20	21.06	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	1RB#49	22.05	20.96	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	25RB#0	21.30	20.27	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	25RB#12	21.31	20.29	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	25RB#25	21.09	20.09	22.5±1.0	21.5±1.0
NTNV	Band66	10MHz	132622	50RB#0	21.19	20.16	22.5±1.0	21.5±1.0
NTNV	Band66	15MHz	132047	1RB#0	22.63	21.54	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	1RB#38	22.54	21.73	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	1RB#74	22.52	21.48	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	38RB#0	21.61	21.83	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	38RB#18	21.59	21.64	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	38RB#37	21.79	21.85	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132047	75RB#0	21.80	20.80	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	1RB#0	22.74	21.67	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	1RB#38	22.51	21.85	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	1RB#74	22.37	21.59	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	38RB#0	21.81	21.85	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	38RB#18	21.70	21.91	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	38RB#37	21.79	21.84	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132322	75RB#0	21.77	20.54	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	1RB#0	22.45	21.19	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	1RB#38	22.33	20.97	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	1RB#74	22.05	20.80	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	38RB#0	21.17	21.42	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	38RB#18	21.28	21.24	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	38RB#37	21.16	21.23	22.0±1.0	21.0±1.0
NTNV	Band66	15MHz	132597	75RB#0	21.25	20.20	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	1RB#0	22.61	21.26	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	1RB#49	**22.72**	21.84	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	1RB#99	22.22	21.27	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	50RB#0	21.64	20.96	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	50RB#25	21.87	20.92	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	50RB#50	21.78	20.42	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132072	100RB#0	21.67	20.78	22.5±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	1RB#0	22.66	21.41	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	1RB#49	22.67	21.85	22.0±1.0	21.0±1.0

NTNV	Band66	20MHz	132322	1RB#99	22.13	21.38	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	50RB#0	21.73	20.41	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	50RB#25	21.48	20.45	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	50RB#50	21.79	21.14	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132322	100RB#0	21.93	20.89	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	1RB#0	22.26	21.33	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	1RB#49	22.60	21.45	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	1RB#99	21.83	20.80	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	50RB#0	21.54	20.90	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	50RB#25	21.85	20.90	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	50RB#50	21.35	20.10	22.0±1.0	21.0±1.0
NTNV	Band66	20MHz	132572	100RB#0	21.41	20.53	22.0±1.0	21.0±1.0

Condition	Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)		Tune-Up	
					QPSK	16QAM	QPSK	16QAM
NTNV	Band71	5MHz	133147	1RB#0	23.18	22.30	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	1RB#12	23.43	22.58	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	1RB#24	23.35	22.52	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	12RB#0	22.30	21.30	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	12RB#6	22.31	21.25	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	12RB#13	22.25	21.25	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133147	25RB#0	22.27	21.22	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	1RB#0	23.68	22.62	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	1RB#12	23.90	22.72	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	1RB#24	23.54	22.29	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	12RB#0	22.39	21.77	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	12RB#6	22.77	21.77	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	12RB#13	22.69	21.71	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133297	25RB#0	22.78	21.77	23.0±1.0	22.0±1.0
NTNV	Band71	5MHz	133447	1RB#0	23.98	22.98	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	1RB#12	24.16	23.13	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	1RB#24	23.95	22.93	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	12RB#0	23.11	22.03	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	12RB#6	23.12	22.03	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	12RB#13	23.13	21.98	23.5±1.0	22.5±1.0
NTNV	Band71	5MHz	133447	25RB#0	23.11	22.07	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	1RB#0	23.20	23.20	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	1RB#24	23.56	23.56	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	1RB#49	23.50	23.50	23.5±1.0	22.5±1.0

NTNV	Band71	10MHz	133172	25RB#0	22.57	22.57	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	25RB#12	22.61	22.61	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	25RB#25	22.70	22.70	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133172	50RB#0	22.60	22.60	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	1RB#0	23.52	23.52	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	1RB#24	23.86	23.86	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	1RB#49	23.55	23.55	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	25RB#0	22.93	22.93	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	25RB#12	22.89	22.89	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	25RB#25	22.88	22.88	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133297	50RB#0	22.89	22.89	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	1RB#0	23.93	23.93	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	1RB#24	24.20	24.20	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	1RB#49	24.09	24.09	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	25RB#0	23.08	23.08	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	25RB#12	23.07	23.07	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	25RB#25	23.07	23.07	23.5±1.0	22.5±1.0
NTNV	Band71	10MHz	133422	50RB#0	23.13	23.13	23.5±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	1RB#0	23.08	22.16	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	1RB#38	23.50	22.61	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	1RB#74	23.53	22.64	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	38RB#0	22.15	22.18	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	38RB#18	22.55	22.58	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	38RB#37	22.63	22.68	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133197	75RB#0	22.57	21.49	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	1RB#0	23.32	22.42	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	1RB#38	23.78	22.93	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	1RB#74	23.81	22.72	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	38RB#0	22.44	22.39	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	38RB#18	22.89	22.73	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	38RB#37	22.90	22.52	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133297	75RB#0	22.76	21.74	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	1RB#0	23.65	22.41	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	1RB#38	23.88	23.23	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	1RB#74	23.73	22.65	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	38RB#0	22.39	22.40	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	38RB#18	22.76	23.26	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	38RB#37	23.08	22.67	23.0±1.0	22.5±1.0
NTNV	Band71	15MHz	133397	75RB#0	22.93	21.92	23.0±1.0	22.5±1.0

NTNV	Band71	20MHz	133222	1RB#0	23.03	21.96	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	1RB#49	23.76	22.71	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	1RB#99	23.67	22.60	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	50RB#0	22.34	21.31	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	50RB#25	22.34	21.31	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	50RB#50	22.39	21.37	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133222	100RB#0	22.34	21.32	23.0±1.0	22.0±1.0
NTNV	Band71	20MHz	133322	1RB#0	23.30	22.22	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	1RB#49	24.04	22.48	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	1RB#99	23.42	22.32	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	50RB#0	22.98	21.95	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	50RB#25	22.99	21.95	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	50RB#50	23.15	22.12	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133322	100RB#0	23.03	22.04	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	1RB#0	23.42	22.08	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	1RB#49	**24.09**	22.79	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	1RB#99	23.39	22.46	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	50RB#0	22.63	21.62	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	50RB#25	22.70	21.61	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	50RB#50	22.78	21.79	23.5±1.0	22.5±1.0
NTNV	Band71	20MHz	133372	100RB#0	22.93	21.92	23.5±1.0	22.5±1.0

<WLAN 2.4GHz Conducted Power>

Mode	Channel	Frequency (MHz)	Conducted Peak Output Power(dBm)	Conducted Average Output Power(dBm)	Tune-up power(dBm)
802.11b	1	2412	18.22	16.35	16.50
	6	2437	17.69	15.77	16.50
	11	2462	18.32	16.42	16.50
802.11g	1	2412	20.81	**17.33**	17.50
	6	2437	20.11	16.89	17.50
	11	2462	20.67	17.24	17.50
802.11n(HT20)	1	2412	20.78	17.27	17.50
	6	2437	20.31	17.12	17.50
	11	2462	20.52	17.06	17.50
802.11n(HT40)	3	2422	17.58	14.33	15.00
	6	2437	17.34	14.20	15.00
	9	2452	17.93	14.57	15.00

<WLAN 5GHz Conducted Power>

Band 1:

Mode	Channel Frequency (MHz)	Average Power output (dBm)	**Tune-up power(dBm)**
802.11a	5180	15.17	15.50
	5200	14.65	15.50
	5240	13.66	15.50
802.11n (HT20)	5180	15.45	15.50
	5200	14.82	15.50
	5240	13.63	15.50
802.11ac (HT20)	5180	**15.62**	16.00
	5200	15.06	16.00
	5240	13.67	16.00
802.11n (HT40)	5190	15.29	16.00
	5230	14.21	16.00
802.11ac (HT40)	5190	15.51	16.00
	5230	14.11	16.00
802.11ac (HT80)	5210	15.39	16.00

Band 2:

Mode	Channel Frequency (MHz)	Average Power output (dBm)	**Tune-up power(dBm)**
802.11a	5260	13.15	13.50
	5280	12.74	13.50
	5320	12.91	13.50
802.11n (HT20)	5240	13.08	13.50
	5260	12.76	13.50
	5280	12.89	13.50
802.11ac (HT20)	5260	13.10	13.50
	5280	12.77	13.50
	5320	12.83	13.50
802.11n (HT40)	5270	13.25	13.50
	5310	12.89	13.50
802.11ac (HT40)	5270	13.28	13.50
	5310	12.82	13.50
802.11ac (HT80)	5290	**13.57**	14.00

Band 4:

Mode	Channel Frequency (MHz)	Average Power output (dBm)	**Tune-up power(dBm)**
802.11a	5745	15.13	18.00
	5785	16.25	18.00
	5825	17.50	18.00
802.11n (HT20)	5745	15.16	17.50
	5785	16.34	17.50
	5825	17.49	17.50
802.11ac (HT20)	5745	15.23	18.00
	5785	16.22	18.00
	5825	**17.54**	18.00
802.11n (HT40)	5755	15.75	17.00
	5795	16.84	17.00
802.11ac (HT40)	5755	15.57	17.00
	5795	16.78	17.00
802.11ac (HT80)	5775	16.36	17.00

Note:

1. Per KDB 447498 D01, the 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

[(*max. power of channel, including tune-up tolerance, mW*) / (*min. test separation distance, mm*)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, where

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

2. Base on the result of note1, RF exposure evaluation of 2.4G/5.2G/5.3G /5.8G WIFI mode is required.
3. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion.
4. Per KDB 248227 D01, In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. SAR is not required for the following 2.4 GHz OFDM conditions:

   1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.

   2) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

<Bluetooth Conducted Power>

Mode	Channel	Frequency (MHz)	Conducted Peak Power (dBm)	Conducted Average Power (dBm)	Tune-up power(dBm)
BT BDR (GFSK)	00	2402	10.77	8.38	9.50
	39	2441	10.16	8.05	9.50
	78	2480	11.83	**9.33**	9.50
BT EDR (Π/4DQPSK)	00	2402	10.14	7.93	8.50
	39	2441	9.61	7.29	8.50
	78	2480	11.01	8.11	8.50
BT EDR (8DPSK)	00	2402	10.38	8.02	8.50
	39	2441	9.66	7.33	8.50
	78	2480	11.05	8.10	8.50
BT BLE_1M (GFSK)	00	2402	-2.25	-3.84	-3.00
	19	2440	-1.70	-3.07	-3.00
	39	2480	-1.79	-3.11	-3.00
BT BLE_2M (GFSK)	00	2402	-2.70	-4.28	-3.00
	19	2440	-2.16	-3.79	-3.00
	39	2480	-1.78	-3.13	-3.00

Note:

Per KDB 447498 D01v05r02, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR

f(GHz) is the RF channel transmit frequency in GHz

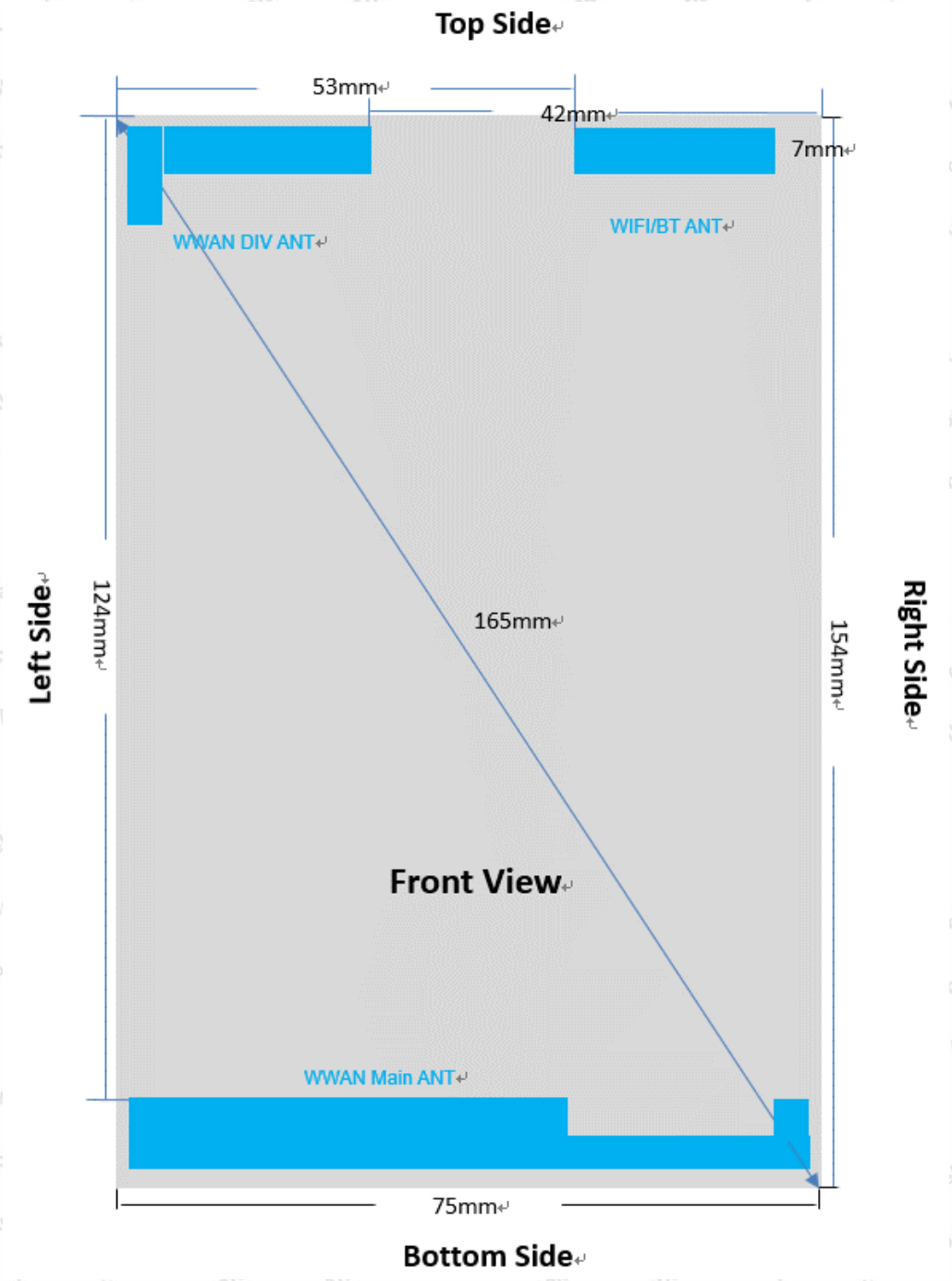
Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Bluetooth Max Power (dBm)	Separation Distance (mm)	Frequency (GHz)	exclusion thresholds
9.50	5	2.48	2.807

Per KDB 447498 D01, when the minimum test separation distance is <10 mm, a distance of 10 mm is applied to determine SAR test exclusion. The test exclusion threshold is 2.807 which is<= 3, SAR testing is not required.

11. Antenna Location



Distance of The Antenna to the EUT surface and edge						
Antennas	**Front**	**Back**	**Top Side**	**Bottom Side**	**Left Side**	**Right Side**
BT&WLAN	<25mm	<25mm	<25mm	>25mm	>25mm	<25mm
WWAN	<25mm	<25mm	>25mm	<25mm	<25mm	<25mm

Positions for SAR tests; Body and Hotspot mode						
Antennas	**Front**	**Back**	**Top Side**	**Bottom Side**	**Left Side**	**Right Side**
BT&WLAN	Yes	Yes	Yes	No	No	Yes
WWAN	Yes	Yes	No	Yes	Yes	Yes

General Note: According with FCC KDB 447498 D01, appendix A, <SAR test exclusion thresholds for 100MHz~6GHz and≤50mm＞table, this device SAR test configurations considerations are shown in the table above.

Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.

12. SAR Test Results Summary

General Note:

1.Per KDB 447498 D01v05r01, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.

Scaling Factor = tune-up limit power (mW) / EUT RF power (mW), where tune-up limit is the maximum rated power among all production units.

Reported SAR(W/kg)= Measured SAR(W/kg) Scaling Factor*

2.Per KDB 447498 D01v05r01, for each exposure position, if the highest output channel reported SAR≤0.8W/kg, other channels SAR testing are not necessary

3.Per KDB 941225 D05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.

4.Per KDB 941225 D05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

5.Per KDB 941225 D05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

6.Per KDB 941225 D05, 16QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05, 16QAM SAR testing is not required.

7.Per KDB 941225 D05, Smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05, smaller bandwidth SAR testing is not required.

8.Per KDB865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/Kg; if the deviation among the repeated measurement is ≤20%,and the measured SAR <1.45W/Kg, only one repeated measurement is required.

9.When the user enables the personal Wireless router functions for the handsets, actual operationsinclude simultaneous transmission of both the Wi-Fi transmitting frequency and thus cannot beevaluated 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 transmissionfrequency RF signal.

12.1. Head SAR Results

<GSM>

Plot No.	Band	Mode	Test Position	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	GSM850	GPRS(4 Tx slots)	Left Cheek	251	848.6	26.40	26.50	1.023	-0.07	0.464	0.475
	GSM850	GPRS(4 Tx slots)	Left Tilt	251	848.6	26.40	26.50	1.023	-0.15	0.254	0.260
#1	GSM850	GPRS(4 Tx slots)	Right Cheek	251	848.6	26.40	26.50	1.023	0.03	0.477	**0.488**
	GSM850	GPRS(4 Tx slots)	Right Tilt	251	848.6	26.40	26.50	1.023	-0.06	0.309	0.316
	PCS1900	GPRS(4 Tx slots)	Left Cheek	512	1850.2	23.44	24.00	1.138	0.05	0.283	0.322
	PCS1900	GPRS(4 Tx slots)	Left Tilt	512	1850.2	23.44	24.00	1.138	-0.10	0.195	0.222
#2	PCS1900	GPRS(4 Tx slots)	Right Cheek	512	1850.2	23.44	24.00	1.138	-0.08	0.316	**0.359**
	PCS1900	GPRS(4 Tx slots)	Right Tilt	512	1850.2	23.44	24.00	1.138	-0.11	0.227	0.258

<WCDMA>

Plot No.	Band	Mode	Test Position	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	WCDMA Band II	RMC 12.2K	Left Cheek	9262	1852.4	22.92	23.00	1.019	-0.11	0.263	0.268
	WCDMA Band II	RMC 12.2K	Left Tilt	9262	1852.4	22.92	23.00	1.019	0.07	0.169	0.172
#3	WCDMA Band II	RMC 12.2K	Right Cheek	9262	1852.4	22.92	23.00	1.019	0.12	0.281	**0.286**
	WCDMA Band II	RMC 12.2K	Right Tilt	9262	1852.4	22.92	23.00	1.019	0.06	0.188	0.191
	WCDMA Band V	RMC 12.2K	Left Cheek	4132	826.4	23.61	24.00	1.094	0.12	0.349	0.382
	WCDMA Band V	RMC 12.2K	Left Tilt	4132	826.4	23.61	24.00	1.094	-0.09	0.251	0.275
#4	WCDMA Band V	RMC 12.2K	Right Cheek	4132	826.4	23.61	24.00	1.094	-0.09	0.364	**0.398**
	WCDMA Band V	RMC 12.2K	Right Tilt	4132	826.4	23.61	24.00	1.094	0.07	0.277	0.303
	WCDMA Band IV	RMC 12.2K	Left Cheek	1513	1752.6	22.75	23.00	1.059	-0.05	0.316	0.335
	WCDMA Band IV	RMC 12.2K	Left Tilt	1513	1752.6	22.75	23.00	1.059	0.07	0.186	0.197
#5	WCDMA Band IV	RMC 12.2K	Right Cheek	1513	1752.6	22.75	23.00	1.059	0.03	0.338	**0.358**
	WCDMA Band IV	RMC 12.2K	Right Tilt	1513	1752.6	22.75	23.00	1.059	-0.05	0.218	0.231

<LTE>

Plot No.	Band	Mode	Test Position	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	LTE Band 7	20MHz/1RB	Left Cheek	20850	2510	22.07	22.5	1.104	0.01	0.438	0.484
	LTE Band 7	20MHz/50RB	Left Cheek	20850	2510	21.55	22.5	1.245	0.05	0.212	0.264
	LTE Band 7	20MHz/1RB	Left Tilt	20850	2510	22.07	22.5	1.104	0.12	0.377	0.416
	LTE Band 7	20MHz/50RB	Left Tilt	20850	2510	21.55	22.5	1.245	0.14	0.279	0.347
#6	LTE Band 7	20MHz/1RB	Right Cheek	20850	2510	22.07	22.5	1.104	0.13	0.518	**0.572**
	LTE Band 7	20MHz/50RB	Right Cheek	20850	2510	21.55	22.5	1.245	0.08	0.392	0.488
	LTE Band 7	20MHz/1RB	Right Tilt	20850	2510	22.07	22.5	1.104	0.08	0.439	0.485
	LTE Band 7	20MHz/50RB	Right Tilt	20850	2510	21.55	22.5	1.245	-0.17	0.213	0.265
	LTE Band 12	10MHz/1RB	Left Cheek	23060	704	24.04	24.5	1.112	0.06	0.267	0.297
	LTE Band 12	10MHz/25RB	Left Cheek	23060	704	23.09	24.5	1.384	0.02	0.189	0.261
	LTE Band 12	10MHz/1RB	Left Tilt	23060	704	24.04	24.5	1.112	0.05	0.227	0.252
	LTE Band 12	10MHz/25RB	Left Tilt	23060	704	23.09	24.5	1.384	0.11	0.153	0.212
#7	LTE Band 12	10MHz/1RB	Right Cheek	23060	704	24.04	24.5	1.112	-0.12	0.292	**0.325**
	LTE Band 12	10MHz/25RB	Right Cheek	23060	704	23.09	24.5	1.384	-0.05	0.211	0.292
	LTE Band 12	10MHz/1RB	Right Tilt	23060	704	24.04	24.5	1.112	0.06	0.213	0.237
	LTE Band 12	10MHz/25RB	Right Tilt	23060	704	23.09	24.5	1.384	0.05	0.155	0.214
	LTE Band 13	10MHz/1RB	Left Cheek	23230	782	23.61	24.0	1.094	0.10	0.265	0.290
	LTE Band 13	10MHz/25RB	Left Cheek	23230	782	22.84	24.0	1.306	0.04	0.175	0.229
	LTE Band 13	10MHz/1RB	Left Tilt	23230	782	23.61	24.0	1.094	0.06	0.231	0.253
	LTE Band 13	10MHz/25RB	Left Tilt	23230	782	22.84	24.0	1.306	0.05	0.144	0.188
#8	LTE Band 13	10MHz/1RB	Right Cheek	23230	782	23.61	24.0	1.094	0.12	0.271	**0.296**
	LTE Band 13	10MHz/25RB	Right Cheek	23230	782	22.84	24.0	1.306	-0.11	0.173	0.226
	LTE Band 13	10MHz/1RB	Right Tilt	23230	782	23.61	24.0	1.094	-0.05	0.246	0.269
	LTE Band 13	10MHz/25RB	Right Tilt	23230	782	22.84	24.0	1.306	0.07	0.138	0.180
	LTE Band 25	20MHz/1RB	Left Cheek	26140	1860	23.23	23.5	1.064	0.15	0.566	0.602
	LTE Band 25	20MHz/50RB	Left Cheek	26140	1860	22.09	23.5	1.384	0.13	0.408	0.564

	LTE Band 25	20MHz/1RB	Left Tilt	26140	1860	23.23	23.5	1.064	0.18	0.441	0.469
	LTE Band 25	20MHz/50RB	Left Tilt	26140	1860	22.09	23.5	1.384	0.07	0.308	0.426
#9	LTE Band 25	20MHz/1RB	Right Cheek	26140	1860	23.23	23.5	1.064	-0.18	0.586	**0.624**
	LTE Band 25	20MHz/50RB	Right Cheek	26140	1860	22.09	23.5	1.384	-0.02	0.418	0.578
	LTE Band 25	20MHz/1RB	Right Tilt	26140	1860	23.23	23.5	1.064	-0.04	0.457	0.486
	LTE Band 25	20MHz/50RB	Right Tilt	26140	1860	22.09	23.5	1.384	0.13	0.319	0.441
	LTE Band 26	20MHz/1RB	Left Cheek	26765	821.5	23.94	24.5	1.138	0.15	0.317	0.361
	LTE Band 26	20MHz/38RB	Left Cheek	26765	836.5	22.99	24.5	1.416	0.07	0.186	0.263
	LTE Band 26	20MHz/1RB	Left Tilt	26765	821.5	23.94	24.5	1.138	-0.08	0.311	0.354
	LTE Band 26	20MHz/38RB	Left Tilt	26765	836.5	22.99	24.5	1.416	-0.12	0.157	0.222
#10	LTE Band 26	20MHz/1RB	Right Cheek	26765	821.5	23.94	24.5	1.138	0.08	0.343	**0.390**
	LTE Band 26	20MHz/38RB	Right Cheek	26765	836.5	22.99	24.5	1.416	-0.08	0.239	0.338
	LTE Band 26	20MHz/1RB	Right Tilt	26765	821.5	23.94	24.5	1.138	0.05	0.333	0.379
	LTE Band 26	20MHz/38RB	Right Tilt	26765	836.5	22.99	24.5	1.416	0.03	0.152	0.215
	LTE Band 41	20MHz/1RB	Left Cheek	41140	2645	23.01	23.5	1.119	0.12	0.243	0.272
	LTE Band 41	20MHz/50RB	Left Cheek	41140	2645	21.96	23.5	1.426	-0.10	0.166	0.237
	LTE Band 41	20MHz/1RB	Left Tilt	41140	2645	23.01	23.5	1.119	-0.08	0.175	0.196
	LTE Band 41	20MHz/50RB	Left Tilt	41140	2645	21.96	23.5	1.426	0.05	0.095	0.135
#11	LTE Band 41	20MHz/1RB	Right Cheek	41140	2645	23.01	23.5	1.119	-0.18	0.265	**0.297**
	LTE Band 41	20MHz/50RB	Right Cheek	41140	2645	21.96	23.5	1.426	-0.16	0.177	0.252
	LTE Band 41	20MHz/1RB	Right Tilt	41140	2645	23.01	23.5	1.119	-0.14	0.186	0.208
	LTE Band 41	20MHz/50RB	Right Tilt	41140	2645	21.96	23.5	1.426	0.06	0.101	0.144
	LTE Band 66	20MHz/1RB	Left Cheek	132072	1720	22.72	23.5	1.197	0.12	0.366	0.438
	LTE Band 66	20MHz/50RB	Left Cheek	132072	1720	21.87	23.5	1.455	0.13	0.257	0.374
	LTE Band 66	20MHz/1RB	Left Tilt	132072	1720	22.72	23.5	1.197	-0.08	0.281	0.336
	LTE Band 66	20MHz/50RB	Left Tilt	132072	1720	21.87	23.5	1.455	0.04	0.178	0.259
#12	LTE Band 66	20MHz/1RB	Right Cheek	132072	1720	22.72	23.5	1.197	0.10	0.388	**0.464**
	LTE Band 66	20MHz/50RB	Right Cheek	132072	1720	21.87	23.5	1.455	0.11	0.282	0.410
	LTE Band 66	20MHz/1RB	Right Tilt	132072	1720	22.72	23.5	1.197	0.09	0.316	0.378
	LTE Band 66	20MHz/50RB	Right Tilt	132072	1720	21.87	23.5	1.455	0.15	0.201	0.293

	LTE Band 71	20MHz/1RB	Left Cheek	133372	688	24.09	24.5	1.099	-0.10	0.441	0.485
	LTE Band 71	20MHz/50RB	Left Cheek	133372	688	22.78	24.5	1.486	-0.12	0.315	0.468
	LTE Band 71	20MHz/1RB	Left Tilt	133372	688	24.09	24.5	1.099	0.03	0.352	0.387
	LTE Band 71	20MHz/50RB	Left Tilt	133372	688	22.78	24.5	1.486	0.07	0.239	0.355
#13	LTE Band 71	20MHz/1RB	Right Cheek	133372	688	24.09	24.5	1.099	0.09	0.463	**0.509**
	LTE Band 71	20MHz/50RB	Right Cheek	133372	688	22.78	24.5	1.486	0.15	0.307	0.456
	LTE Band 71	20MHz/1RB	Right Tilt	133372	688	24.09	24.5	1.099	0.07	0.375	0.412
	LTE Band 71	20MHz/50RB	Right Tilt	133372	688	22.78	24.5	1.486	0.12	0.244	0.363

<WIFI>

Plot No.	Band	Mode	Test Position	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
#14	WIFI2.4GHz	802.11g	Left Cheek	1	2412	17.33	17.5	1.040	-0.08	0.337	**0.350**
	WIFI2.4GHz	802.11g	Left Tilt	1	2412	17.33	17.5	1.040	-0.01	0.285	0.296
	WIFI2.4GHz	802.11g	Right Cheek	1	2412	17.33	17.5	1.040	-0.05	0.308	0.320
	WIFI2.4GHz	802.11g	Right Tilt	1	2412	17.33	17.5	1.040	-0.05	0.264	0.275
#15	WIFI5.2GHz	802.11 ac(HT20)	Left Cheek	36	5180	15.62	16.0	1.091	-0.13	0.275	**0.300**
	WIFI5.2GHz	802.11 ac(HT20)	Left Tilt	36	5180	15.62	16.0	1.091	0.07	0.232	0.253
	WIFI5.2GHz	802.11 ac(HT20)	Right Cheek	36	5180	15.62	16.0	1.091	0.05	0.263	0.287
	WIFI5.2GHz	802.11 ac(HT20)	Right Tilt	36	5180	15.62	16.0	1.091	-0.13	0.220	0.240
#16	WIFI5.3GHz	802.11 ac(HT80)	Left Cheek	58	5290	13.57	14.0	1.104	-0.08	0.182	**0.201**
	WIFI5.3GHz	802.11 ac(HT80)	Left Tilt	58	5290	13.57	14.0	1.104	0.07	0.133	0.147
	WIFI5.3GHz	802.11 ac(HT80)	Right Cheek	58	5290	13.57	14.0	1.104	0.05	0.173	0.191
	WIFI5.3GHz	802.11 ac(HT80)	Right Tilt	58	5290	13.57	14.0	1.104	0.12	0.114	0.126
#17	WIFI5.8GHz	802.11 ac(HT20)	Left Cheek	165	5825	17.54	18.0	1.112	0.14	0.233	**0.259**
	WIFI5.8GHz	802.11 ac(HT20)	Left Tilt	165	5825	17.54	18.0	1.112	0.07	0.143	0.159
	WIFI5.8GHz	802.11 ac(HT20)	Right Cheek	165	5825	17.54	18.0	1.112	-0.11	0.219	0.243
	WIFI5.8GHz	802.11 ac(HT20)	Right Tilt	165	5825	17.54	18.0	1.112	-0.17	0.132	0.147

Note:

1. Per KDB 865664 D01V01,for each frequency band ,repeated SAR measurement is required only when the measured SAR is≥0.8W/Kg.

2. Per KDB 865664 D01V01,if the ratio of largest to smallest SAR for the original and first repeated measurement is≤1.2and 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.

12.2. Body-worn and Hotspot SAR Results

<GSM>

Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	GSM850	GPRS(4 Tx slots)	Front	10	251	848.6	26.40	26.50	1.023	0.11	0.349	0.357
#18	GSM850	GPRS(4 Tx slots)	Back	10	251	848.6	26.40	26.50	1.023	0.12	0.493	**0.504**
	GSM850	GPRS(4 Tx slots)	Left Side	10	251	848.6	26.40	26.50	1.023	-0.15	0.344	0.352
	GSM850	GPRS(4 Tx slots)	Right Side	10	251	848.6	26.40	26.50	1.023	-0.02	0.317	0.324
	GSM850	GPRS(4 Tx slots)	Top Side	10	251	848.6	26.40	26.50	1.023	N/A	N/A	N/A
	GSM850	GPRS(4 Tx slots)	Bottom Side	10	251	848.6	26.40	26.50	1.023	0.14	0.451	0.462
	PCS1900	GPRS(4 Tx slots)	Front	10	512	1850.2	23.44	24.00	1.138	0.07	0.373	0.424
#19	PCS1900	GPRS(4 Tx slots)	Back	10	512	1850.2	23.44	24.00	1.138	0.04	0.525	**0.597**
	PCS1900	GPRS(4 Tx slots)	Left Side	10	512	1850.2	23.44	24.00	1.138	0.12	0.351	0.399
	PCS1900	GPRS(4 Tx slots)	Right Side	10	512	1850.2	23.44	24.00	1.138	0.15	0.422	0.480
	PCS1900	GPRS(4 Tx slots)	Top Side	10	512	1850.2	23.44	24.00	1.138	N/A	N/A	N/A
	PCS1900	GPRS(4 Tx slots)	Bottom Side	10	512	1850.2	23.44	24.00	1.138	-0.09	0.513	0.584

<WCDMA>

Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	WCDMA Band II	RMC 12.2K	Front	10	9262	1852.4	22.92	23.00	1.019	-0.05	0.247	0.252
#20	WCDMA Band II	RMC 12.2K	Back	10	9262	1852.4	22.92	23.00	1.019	0.12	0.413	**0.421**
	WCDMA Band II	RMC 12.2K	Left Side	10	9262	1852.4	22.92	23.00	1.019	-0.13	0.276	0.281
	WCDMA Band II	RMC 12.2K	Right Side	10	9262	1852.4	22.92	23.00	1.019	-0.11	0.361	0.368
	WCDMA Band II	RMC 12.2K	Top Side	10	9262	1852.4	22.92	23.00	1.019	N/A	N/A	N/A
	WCDMA Band II	RMC 12.2K	Bottom Side	10	9262	1852.4	22.92	23.00	1.019	0.06	0.405	0.413
	WCDMA Band V	RMC 12.2K	Front	10	4132	826.4	23.61	24.00	1.094	-0.13	0.326	0.357
#21	WCDMA Band V	RMC 12.2K	Back	10	4132	826.4	23.61	24.00	1.094	-0.09	0.519	**0.568**
	WCDMA Band V	RMC 12.2K	Left Side	10	4132	826.4	23.61	24.00	1.094	-0.04	0.344	0.376
	WCDMA Band V	RMC 12.2K	Right Side	10	4132	826.4	23.61	24.00	1.094	-0.12	0.381	0.417
	WCDMA Band V	RMC 12.2K	Top Side	10	4132	826.4	23.61	24.00	1.094	N/A	N/A	N/A
	WCDMA Band V	RMC 12.2K	Bottom Side	10	4132	826.4	23.61	24.00	1.094	-0.18	0.487	0.533
	WCDMA Band IV	RMC 12.2K	Front	10	1513	1752.6	22.75	23.00	1.059	0.13	0.405	0.429
#22	WCDMA Band IV	RMC 12.2K	Back	10	1513	1752.6	22.75	23.00	1.059	0.07	0.574	**0.608**
	WCDMA Band IV	RMC 12.2K	Left Side	10	1513	1752.6	22.75	23.00	1.059	-0.14	0.391	0.414
	WCDMA Band IV	RMC 12.2K	Right Side	10	1513	1752.6	22.75	23.00	1.059	-0.10	0.466	0.494
	WCDMA Band IV	RMC 12.2K	Top Side	10	1513	1752.6	22.75	23.00	1.059	N/A	N/A	N/A

	WCDMA Band IV	RMC 12.2K	Bottom Side	10	1513	1752.6	22.75	23.00	1.059	0.08	0.549	0.582

<LTE>

Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	LTE Band 7	20MHz/1RB	Front	10	20850	2510	22.07	22.5	1.104	-0.13	0.305	0.337
	LTE Band 7	20MHz/50RB	Front	10	20850	2510	21.55	22.5	1.245	-0.05	0.224	0.279
#23	LTE Band 7	20MHz/1RB	Back	10	20850	2510	22.07	22.5	1.104	0.11	0.468	**0.517**
	LTE Band 7	20MHz/50RB	Back	10	20850	2510	21.55	22.5	1.245	0.12	0.331	0.412
	LTE Band 7	20MHz/1RB	Left Side	10	20850	2510	22.07	22.5	1.104	-0.08	0.217	0.240
	LTE Band 7	20MHz/50RB	Left Side	10	20850	2510	21.55	22.5	1.245	-0.13	0.133	0.166
	LTE Band 7	20MHz/1RB	Right Side	10	20850	2510	22.07	22.5	1.104	0.05	0.306	0.338
	LTE Band 7	20MHz/50RB	Right Side	10	20850	2510	21.55	22.5	1.245	0.03	0.219	0.273
	LTE Band 7	20MHz/1RB	Top Side	10	20850	2510	22.07	22.5	1.104	N/A	N/A	N/A
	LTE Band 7	20MHz/50RB	Top Side	10	20850	2510	21.55	22.5	1.245	N/A	N/A	N/A
	LTE Band 7	20MHz/1RB	Bottom Side	10	20850	2510	22.07	22.5	1.104	0.09	0.442	0.488
	LTE Band 7	20MHz/50RB	Bottom Side	10	20850	2510	21.55	22.5	1.245	0.15	0.313	0.390
	LTE Band 12	10MHz/1RB	Front	10	23060	704	24.04	24.5	1.112	-0.18	0.415	0.461
	LTE Band 12	10MHz/50RB	Front	10	23060	704	23.09	24.5	1.384	-0.13	0.238	0.329
#24	LTE Band 12	10MHz/1RB	Back	10	23060	704	24.04	24.5	1.112	0.11	0.552	**0.614**
	LTE Band 12	10MHz/50RB	Back	10	23060	704	23.09	24.5	1.384	0.04	0.377	0.522
	LTE Band 12	10MHz/1RB	Left Side	10	23060	704	24.04	24.5	1.112	-0.15	0.326	0.362
	LTE Band 12	10MHz/50RB	Left Side	10	23060	704	23.09	24.5	1.384	-0.06	0.242	0.335
	LTE Band 12	10MHz/1RB	Right Side	10	23060	704	24.04	24.5	1.112	-0.07	0.429	0.477
	LTE Band 12	10MHz/50RB	Right Side	10	23060	704	23.09	24.5	1.384	-0.17	0.325	0.450
	LTE Band 12	10MHz/1RB	Top Side	10	23060	704	24.04	24.5	1.112	N/A	N/A	N/A
	LTE Band 12	10MHz/50RB	Top Side	10	23060	704	23.09	24.5	1.384	N/A	N/A	N/A
	LTE Band 12	10MHz/1RB	Bottom Side	10	23060	704	24.04	24.5	1.112	0.16	0.529	0.588
	LTE Band 12	10MHz/50RB	Bottom Side	10	23060	704	23.09	24.5	1.384	0.08	0.375	0.519

	LTE Band 13	10MHz/1RB	Front	10	23230	782	23.61	24.0	1.094	-0.13	0.375	0.410
	LTE Band 13	10MHz/50RB	Front	10	23230	782	22.84	24.0	1.306	-0.12	0.206	0.269
#25	LTE Band 13	10MHz/1RB	Back	10	23230	782	23.61	24.0	1.094	0.15	0.496	**0.543**
	LTE Band 13	10MHz/50RB	Back	10	23230	782	22.84	24.0	1.306	-0.02	0.357	0.466
	LTE Band 13	10MHz/1RB	Left Side	10	23230	782	23.61	24.0	1.094	-0.06	0.242	0.265
	LTE Band 13	10MHz/50RB	Left Side	10	23230	782	22.84	24.0	1.306	-0.15	0.130	0.170
	LTE Band 13	10MHz/1RB	Right Side	10	23230	782	23.61	24.0	1.094	-0.14	0.288	0.315
	LTE Band 13	10MHz/50RB	Right Side	10	23230	782	22.84	24.0	1.306	-0.05	0.146	0.191
	LTE Band 13	10MHz/1RB	Top Side	10	23230	782	23.61	24.0	1.094	N/A	N/A	N/A
	LTE Band 13	10MHz/50RB	Top Side	10	23230	782	22.84	24.0	1.306	N/A	N/A	N/A
	LTE Band 13	10MHz/1RB	Bottom Side	10	23230	782	23.61	24.0	1.094	0.16	0.465	0.509
	LTE Band 13	10MHz/50RB	Bottom Side	10	23230	782	22.84	24.0	1.306	0.11	0.329	0.430
	LTE Band 25	20MHz/1RB	Front	10	26140	1860	23.23	23.5	1.064	0.15	0.393	0.418
	LTE Band 25	20MHz/50RB	Front	10	26140	1860	22.09	23.5	1.384	0.16	0.246	0.340
#26	LTE Band 25	20MHz/1RB	Back	10	26140	1860	23.23	23.5	1.064	0.13	0.533	**0.567**
	LTE Band 25	20MHz/50RB	Back	10	26140	1860	22.09	23.5	1.384	0.10	0.376	0.520
	LTE Band 25	20MHz/1RB	Left Side	10	26140	1860	23.23	23.5	1.064	-0.08	0.277	0.295
	LTE Band 25	20MHz/50RB	Left Side	10	26140	1860	22.09	23.5	1.384	-0.05	0.162	0.224
	LTE Band 25	20MHz/1RB	Right Side	10	26140	1860	23.23	23.5	1.064	-0.08	0.382	0.407
	LTE Band 25	20MHz/50RB	Right Side	10	26140	1860	22.09	23.5	1.384	-0.06	0.261	0.361
	LTE Band 25	20MHz/1RB	Top Side	10	26140	1860	23.23	23.5	1.064	N/A	N/A	N/A
	LTE Band 25	20MHz/50RB	Top Side	10	26140	1860	22.09	23.5	1.384	N/A	N/A	N/A
	LTE Band 25	20MHz/1RB	Bottom Side	10	26140	1860	23.23	23.5	1.064	-0.07	0.507	0.540
	LTE Band 25	20MHz/50RB	Bottom Side	10	26140	1860	22.09	23.5	1.384	-0.14	0.346	0.479
	LTE Band 26	20MHz/1RB	Front	10	26765	821.5	23.94	24.5	1.138	0.13	0.388	0.441
	LTE Band 26	20MHz/50RB	Front	10	26765	836.5	22.99	24.5	1.416	-0.11	0.214	0.303
#27	LTE Band 26	20MHz/1RB	Back	10	26765	821.5	23.94	24.5	1.138	0.12	0.548	**0.623**
	LTE Band 26	20MHz/50RB	Back	10	26765	836.5	22.99	24.5	1.416	0.05	0.372	0.527
	LTE Band 26	20MHz/1RB	Left Side	10	26765	821.5	23.94	24.5	1.138	-0.06	0.337	0.383
	LTE Band 26	20MHz/50RB	Left Side	10	26765	836.5	22.99	24.5	1.416	0.05	0.190	0.269
	LTE Band 26	20MHz/1RB	Right Side	10	26765	821.5	23.94	24.5	1.138	0.02	0.341	0.388

	LTE Band 26	20MHz/50RB	Right Side	10	26765	836.5	22.99	24.5	1.416	0.08	0.182	0.258
	LTE Band 26	20MHz/1RB	Top Side	10	26765	821.5	23.94	24.5	1.138	N/A	N/A	N/A
	LTE Band 26	20MHz/50RB	Top Side	10	26765	836.5	22.99	24.5	1.416	N/A	N/A	N/A
	LTE Band 26	20MHz/1RB	Bottom Side	10	26765	821.5	23.94	24.5	1.138	0.19	0.527	0.600
	LTE Band 26	20MHz/50RB	Bottom Side	10	26765	836.5	22.99	24.5	1.416	0.07	0.386	0.546
	LTE Band 41	20MHz/1RB	Front	10	41140	2645	23.01	23.5	1.119	0.10	0.361	0.404
	LTE Band 41	20MHz/50RB	Front	10	41140	2645	21.96	23.5	1.426	0.12	0.189	0.269
#28	LTE Band 41	20MHz/1RB	Back	10	41140	2645	23.01	23.5	1.119	-0.07	0.475	**0.532**
	LTE Band 41	20MHz/50RB	Back	10	41140	2645	21.96	23.5	1.426	-0.02	0.332	0.473
	LTE Band 41	20MHz/1RB	Left Side	10	41140	2645	23.01	23.5	1.119	0.06	0.283	0.317
	LTE Band 41	20MHz/50RB	Left Side	10	41140	2645	21.96	23.5	1.426	0.12	0.152	0.217
	LTE Band 41	20MHz/1RB	Right Side	10	41140	2645	23.01	23.5	1.119	-0.06	0.366	0.410
	LTE Band 41	20MHz/50RB	Right Side	10	41140	2645	21.96	23.5	1.426	0.03	0.193	0.275
	LTE Band 41	20MHz/1RB	Top Side	10	41140	2645	23.01	23.5	1.119	N/A	N/A	N/A
	LTE Band 41	20MHz/50RB	Top Side	10	41140	2645	21.96	23.5	1.426	N/A	N/A	N/A
	LTE Band 41	20MHz/1RB	Bottom Side	10	41140	2645	23.01	23.5	1.119	0.08	0.413	0.462
	LTE Band 41	20MHz/50RB	Bottom Side	10	41140	2645	21.96	23.5	1.426	-0.04	0.275	0.392
	LTE Band 66	20MHz/1RB	Front	10	132072	1720	22.72	23.5	1.197	0.13	0.489	0.585
	LTE Band 66	20MHz/50RB	Front	10	132072	1720	21.87	23.5	1.455	0.12	0.352	0.512
#29	LTE Band 66	20MHz/1RB	Back	10	132072	1720	22.72	23.5	1.197	0.12	0.485	**0.580**
	LTE Band 66	20MHz/50RB	Back	10	132072	1720	21.87	23.5	1.455	0.02	0.357	0.520
	LTE Band 66	20MHz/1RB	Left Side	10	132072	1720	22.72	23.5	1.197	0.08	0.386	0.462
	LTE Band 66	20MHz/50RB	Left Side	10	132072	1720	21.87	23.5	1.455	-0.12	0.275	0.400
	LTE Band 66	20MHz/1RB	Right Side	10	132072	1720	22.72	23.5	1.197	-0.06	0.419	0.501
	LTE Band 66	20MHz/50RB	Right Side	10	132072	1720	21.87	23.5	1.455	0.18	0.317	0.461

	LTE Band 66	20MHz/1RB	Top Side	10	132072	1720	22.72	23.5	1.197	N/A	N/A	N/A
	LTE Band 66	20MHz/50RB	Top Side	10	132072	1720	21.87	23.5	1.455	N/A	N/A	N/A
	LTE Band 66	20MHz/1RB	Bottom Side	10	132072	1720	22.72	23.5	1.197	0.17	0.435	0.521
	LTE Band 66	20MHz/50RB	Bottom Side	10	132072	1720	21.87	23.5	1.455	-0.08	0.304	0.442
	LTE Band 71	20MHz/1RB	Front	10	133372	688	24.09	24.5	1.099	0.07	0.223	0.245
	LTE Band 71	20MHz/50RB	Front	10	133372	688	22.78	24.5	1.486	0.06	0.105	0.156
#30	LTE Band 71	20MHz/1RB	Back	10	133372	688	24.09	24.5	1.099	-0.15	0.413	**0.454**
	LTE Band 71	20MHz/50RB	Back	10	133372	688	22.78	24.5	1.486	-0.06	0.237	0.352
	LTE Band 71	20MHz/1RB	Left Side	10	133372	688	24.09	24.5	1.099	-0.08	0.233	0.256
	LTE Band 71	20MHz/50RB	Left Side	10	133372	688	22.78	24.5	1.486	-0.13	0.119	0.177
	LTE Band 71	20MHz/1RB	Right Side	10	133372	688	24.09	24.5	1.099	-0.02	0.285	0.313
	LTE Band 71	20MHz/50RB	Right Side	10	133372	688	22.78	24.5	1.486	0.13	0.138	0.205
	LTE Band 71	20MHz/1RB	Top Side	10	133372	688	24.09	24.5	1.099	N/A	N/A	N/A
	LTE Band 71	20MHz/50RB	Top Side	10	133372	688	22.78	24.5	1.486	N/A	N/A	N/A
	LTE Band 71	20MHz/1RB	Bottom Side	10	133372	688	24.09	24.5	1.099	-0.07	0.386	0.424
	LTE Band 71	20MHz/50RB	Bottom Side	10	133372	688	22.78	24.5	1.486	-0.06	0.241	0.358

<WIFI 2.4GHz>

Plot No.	Band	Mode	Test Position	Gap (mm)	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR_{1g} (W/kg)	Reported SAR_{1g} (W/kg)
	WIFI2.4GHz	802.11g	Front	10	1	2412	17.33	17.5	1.040	0.05	0.207	0.215
#31	WIFI2.4GHz	802.11g	Back	10	1	2412	17.33	17.5	1.040	-0.07	0.318	**0.331**
	WIFI2.4GHz	802.11g	Left Side	10	1	2412	17.33	17.5	1.040	N/A	N/A	N/A
	WIFI2.4GHz	802.11g	Right Side	10	1	2412	17.33	17.5	1.040	0.13	0.257	0.267
	WIFI2.4GHz	802.11g	Top Side	10	1	2412	17.33	17.5	1.040	-0.15	0.294	0.306
	WIFI2.4GHz	802.11g	Bottom Side	10	1	2412	17.33	17.5	1.040	N/A	N/A	N/A
	WIFI5.2GHz	802.11 ac(HT20)	Front	10	36	5180	15.62	16.0	1.091	-0.07	0.127	0.139
#32	WIFI5.2GHz	802.11 ac(HT20)	Back	10	36	5180	15.62	16.0	1.091	-0.04	0.193	**0.211**
	WIFI5.2GHz	802.11 ac(HT20)	Left Side	10	36	5180	15.62	16.0	1.091	N/A	N/A	N/A
	WIFI5.2GHz	802.11 ac(HT20)	Right Side	10	36	5180	15.62	16.0	1.091	0.09	0.156	0.170
	WIFI5.2GHz	802.11 ac(HT20)	Top Side	10	36	5180	15.62	16.0	1.091	0.12	0.182	0.199
	WIFI5.2GHz	802.11 ac(HT20)	Bottom Side	10	36	5180	15.62	16.0	1.091	N/A	N/A	N/A
	WIFI5.3GHz	802.11 ac(HT80)	Front	10	58	5290	13.57	14.0	1.104	0.05	0.073	0.081
#33	WIFI5.3GHz	802.11 ac(HT80)	Back	10	58	5290	13.57	14.0	1.104	0.12	0.132	**0.146**
	WIFI5.3GHz	802.11 ac(HT80)	Left Side	10	58	5290	13.57	14.0	1.104	N/A	N/A	N/A
	WIFI5.3GHz	802.11 ac(HT80)	Right Side	10	58	5290	13.57	14.0	1.104	0.13	0.103	0.114
	WIFI5.3GHz	802.11 ac(HT80)	Top Side	10	58	5290	13.57	14.0	1.104	-0.15	0.122	0.135
	WIFI5.3GHz	802.11 ac(HT80)	Bottom Side	10	58	5290	13.57	14.0	1.104	N/A	N/A	N/A
	WIFI5.8GHz	802.11 ac(HT20)	Front	10	165	5825	17.54	18.0	1.112	0.10	0.133	0.148
#34	WIFI5.8GHz	802.11	Back	10	165	5825	17.54	18.0	1.112	0.09	0.199	**0.221**

		ac(HT20)										
	WIFI5.8GHz	802.11 ac(HT20)	Left Side	10	165	5825	17.54	18.0	1.112	N/A	N/A	N/A
	WIFI5.8GHz	802.11 ac(HT20)	Right Side	10	165	5825	17.54	18.0	1.112	-0.07	0.182	0.202
	WIFI5.8GHz	802.11 ac(HT20)	Top Side	10	165	5825	17.54	18.0	1.112	-0.16	0.188	0.209
	WIFI5.8GHz	802.11 ac(HT20)	Bottom Side	10	165	5825	17.54	18.0	1.112	N/A	N/A	N/A

Note:

1. Per KDB 865664 D01V01,for each frequency band ,repeated SAR measurement is required only when the measured SAR is≥0.8W/Kg.
2. Per KDB 865664 D01V01,if the ratio of largest to smallest SAR for the original and first repeated measurement is≤1.2and 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.

13. Simultaneous Transmission Analysis

Simultaneous TX SAR Considerations

No.	Applicable Simultaneous Transmission
1.	GSM+WIFI 2.4G
2.	WCDMA+WIFI 2.4G
3.	LTE+WIFI2.4G
4.	GSM+BT
5.	WCDMA+ BT
6.	LTE+BT
7.	GSM+WIFI 5G
8.	WCDMA+ WIFI 5G
9.	LTE+WIFI 5G

Note:

1. WIFI 2.4GHz, WIFI 5GHz and Bluetooth share the same antenna, and cannot transmit simultaneously.
2. EUT will choose either GSM/WCDMA/ LTE according to the network signal condition; therefore, GSM/WCDMA / LTE cannot transmit simultaneously.

Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore simultaneous transmission analysis is required. Per FCC KDB 447498 D01v05r02, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤ 1.6 W/kg. When standalone SAR is not required to be measured, per FCC KDB 447498 D01v05r02 4.3.2.2), the following equation must be used to estimate the standalone 1g SAR and 10g extremity SAR for simultaneous transmission assessment involving that transmitter.

$$\text{Estimated SAR} = \frac{\sqrt{f(GHz)}}{7.5(18.75)} \cdot \frac{\text{Max. power of channel, mW}}{\text{Min. Separation Distance, mm}}$$

Location	Mode	Max. tune-up Power (dBm)	Test Distance (mm)	Estimated SAR (W/kg)
Head	BT	9.5	0	0.372
Body	BT	9.5	10	0.186

Note:

1. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according is applied to determine estimated SAR.
2. (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.

Next to the mouth exposure requires 1-g SAR, and the wrist-worn condition requires 10-g extremity SAR.

Evaluation of Simultaneous SAR

Simultaneous-Head

<GSM+2.4GWiFi>

Test Position	WiFi SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.350**	0.475	0.322	**0.825**	1.6	N/A
Left Tilt	0.296	0.260	0.222	0.556	1.6	N/A
Right Cheek	0.320	**0.488**	**0.359**	0.808	1.6	N/A
Right Tilt	0.275	0.316	0.258	0.591	1.6	N/A

<WCDMA+2.4GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.350**	0.268	0.335	0.382	**0.732**	1.6	N/A
Left Tilt	0.296	0.172	0.197	0.275	0.571	1.6	N/A
Right Cheek	0.320	**0.286**	**0.358**	**0.398**	0.718	1.6	N/A
Right Tilt	0.275	0.191	0.231	0.303	0.578	1.6	N/A

<LTE+2.4GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.350**	0.484	0.297	0.290	0.602	0.361	**0.952**	1.6	N/A
Left Tilt	0.296	0.416	0.252	0.253	0.469	0.354	0.765	1.6	N/A
Right Cheek	0.320	**0.572**	**0.325**	**0.296**	**0.624**	**0.390**	0.944	1.6	N/A
Right Tilt	0.275	0.485	0.237	0.269	0.486	0.379	0.761	1.6	N/A

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.350**	0.272	0.438	0.485	**0.835**	1.6	N/A
Left Tilt	0.296	0.196	0.336	0.387	0.683	1.6	N/A
Right Cheek	0.320	**0.297**	**0.464**	**0.509**	0.829	1.6	N/A
Right Tilt	0.275	0.208	0.378	0.412	0.687	1.6	N/A

<GSM+BT>

Test Position	BT SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	0.372	0.475	0.322	0.847	1.6	N/A
Left Tilt	0.372	0.260	0.222	0.632	1.6	N/A
Right Cheek	0.372	**0.488**	**0.359**	**0.860**	1.6	N/A
Right Tilt	0.372	0.316	0.258	0.688	1.6	N/A

<WCDMA+BT >

Test Position	BT SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	0.372	0.268	0.335	0.382	0.754	1.6	N/A
Left Tilt	0.372	0.172	0.197	0.275	0.647	1.6	N/A
Right Cheek	0.372	**0.286**	**0.358**	**0.398**	**0.770**	1.6	N/A
Right Tilt	0.372	0.191	0.231	0.303	0.675	1.6	N/A

<LTE+BT >

Test Position	BT SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	0.372	0.484	0.297	0.290	0.602	0.361	0.974	1.6	N/A
Left Tilt	0.372	0.416	0.252	0.253	0.469	0.354	0.841	1.6	N/A
Right Cheek	0.372	**0.572**	**0.325**	**0.296**	**0.624**	**0.390**	**0.996**	1.6	N/A
Right Tilt	0.372	0.485	0.237	0.269	0.486	0.379	0.858	1.6	N/A

Test Position	BT SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	0.372	0.272	0.438	0.485	0.857	1.6	N/A
Left Tilt	0.372	0.196	0.336	0.387	0.759	1.6	N/A
Right Cheek	0.372	**0.297**	**0.464**	**0.509**	**0.881**	1.6	N/A
Right Tilt	0.372	0.208	0.378	0.412	0.784	1.6	N/A

<GSM+5GWiFi>

Test Position	WiFi SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.300**	0.475	0.322	0.775	1.6	N/A
Left Tilt	0.253	0.260	0.222	0.513	1.6	N/A
Right Cheek	0.287	**0.488**	**0.359**	0.775	1.6	N/A
Right Tilt	0.240	0.316	0.258	0.556	1.6	N/A

<WCDMA+5GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.300**	0.268	0.335	0.382	0.682	1.6	N/A
Left Tilt	0.253	0.172	0.197	0.275	0.528	1.6	N/A
Right Cheek	0.287	**0.286**	**0.358**	**0.398**	**0.685**	1.6	N/A
Right Tilt	0.240	0.191	0.231	0.303	0.543	1.6	N/A

<LTE+5GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.300**	0.484	0.297	0.290	0.602	0.361	0.902	1.6	N/A
Left Tilt	0.253	0.416	0.252	0.253	0.469	0.354	0.722	1.6	N/A
Right Cheek	0.287	**0.572**	**0.325**	**0.296**	**0.624**	**0.390**	**0.911**	1.6	N/A
Right Tilt	0.240	0.485	0.237	0.269	0.486	0.379	0.726	1.6	N/A

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Left Cheek	**0.300**	0.272	0.438	0.485	0.785	1.6	N/A
Left Tilt	0.253	0.196	0.336	0.387	0.640	1.6	N/A
Right Cheek	0.287	**0.297**	**0.464**	**0.509**	**0.796**	1.6	N/A
Right Tilt	0.240	0.208	0.378	0.412	0.652	1.6	N/A

Simultaneous- Body

<GSM+2.4GWiFi>

Test Position	WiFi SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.215	0.357	0.424	0.639	1.6	N/A
Back	**0.331**	**0.504**	**0.597**	**0.928**	1.6	N/A
Left Side	N/A	0.352	0.399	0.399	1.6	N/A
Right Side	0.267	0.324	0.480	0.747	1.6	N/A
Top side	0.306	N/A	N/A	0.306	1.6	N/A
Bottom Side	N/A	0.462	0.584	0.584	1.6	N/A

<WCDMA+2.4GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.215	0.252	0.429	0.357	0.644	1.6	N/A
Back	**0.331**	**0.421**	**0.608**	**0.568**	**0.939**	1.6	N/A
Left Side	N/A	0.281	0.414	0.376	0.414	1.6	N/A
Right Side	0.267	0.368	0.494	0.417	0.761	1.6	N/A
Top side	0.306	N/A	N/A	N/A	0.306	1.6	N/A
Bottom Side	N/A	0.413	0.582	0.533	0.582	1.6	N/A

<LTE+2.4GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.215	0.337	0.461	0.410	0.418	0.441	0.552	1.6	N/A
Back	**0.331**	**0.517**	**0.614**	**0.543**	**0.567**	**0.623**	**0.914**	1.6	N/A
Left Side	N/A	0.240	0.362	0.265	0.295	0.383	0.486	1.6	N/A
Right Side	0.267	0.338	0.477	0.315	0.407	0.388	0.461	1.6	N/A
Top side	0.306	N/A	N/A	N/A	N/A	N/A	0.171	1.6	N/A
Bottom Side	N/A	0.488	0.588	0.509	0.540	0.600	0.480	1.6	N/A

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.215	0.404	0.585	0.245	0.648	1.6	N/A
Back	**0.331**	**0.532**	**0.580**	**0.454**	**0.865**	1.6	N/A
Left Side	N/A	0.317	0.462	0.256	0.613	1.6	N/A
Right Side	0.267	0.410	0.501	0.313	0.492	1.6	N/A
Top side	0.306	N/A	N/A	N/A	0.171	1.6	N/A
Bottom Side	N/A	0.462	0.521	0.424	0.477	1.6	N/A

<GSM+BT>

Test Position	BT SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.186	0.357	0.424	0.481	1.6	N/A
Back	0.186	**0.504**	**0.597**	**0.724**	1.6	N/A
Left Side	N/A	0.352	0.399	0.488	1.6	N/A
Right Side	0.186	0.324	0.480	0.416	1.6	N/A
Top side	0.186	N/A	N/A	0.105	1.6	N/A
Bottom Side	N/A	0.462	0.584	0.485	1.6	N/A

<WCDMA+BT >

Test Position	BT SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.186	0.252	0.429	0.357	0.515	1.6	N/A
Back	0.186	**0.421**	**0.608**	**0.568**	**0.756**	1.6	N/A
Left Side	N/A	0.281	0.414	0.376	0.452	1.6	N/A
Right Side	0.186	0.368	0.494	0.417	0.506	1.6	N/A
Top side	0.186	N/A	N/A	N/A	0.105	1.6	N/A
Bottom Side	N/A	0.413	0.582	0.533	0.489	1.6	N/A

<LTE+BT >

Test Position	BT SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.186	0.337	0.461	0.410	0.418	0.441	0.540	1.6	N/A
Back	0.186	**0.517**	**0.614**	**0.543**	**0.567**	**0.623**	**0.796**	1.6	N/A
Left Side	N/A	0.240	0.362	0.265	0.295	0.383	0.397	1.6	N/A
Right Side	0.186	0.338	0.477	0.315	0.407	0.388	0.461	1.6	N/A
Top side	0.186	N/A	N/A	N/A	N/A	N/A	0.105	1.6	N/A
Bottom Side	N/A	0.488	0.588	0.509	0.540	0.600	0.480	1.6	N/A

Test Position	BT SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.186	0.404	0.585	0.245	0.636	1.6	N/A
Back	0.186	**0.532**	**0.580**	**0.454**	**0.747**	1.6	N/A
Left Side	N/A	0.317	0.462	0.256	0.524	1.6	N/A
Right Side	0.186	0.410	0.501	0.313	0.492	1.6	N/A
Top side	0.186	N/A	N/A	N/A	0.105	1.6	N/A
Bottom Side	N/A	0.462	0.521	0.424	0.477	1.6	N/A

<GSM+5GWiFi>

Test Position	WiFi SAR_{1-g} (W/Kg)	GSM 850 $_{1-g}$ (W/Kg)	PCS 1900 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.148	0.357	0.424	0.529	1.6	N/A
Back	**0.221**	**0.504**	**0.597**	**0.799**	1.6	N/A
Left Side	N/A	0.352	0.399	0.513	1.6	N/A
Right Side	0.202	0.324	0.480	0.416	1.6	N/A
Top side	0.209	N/A	N/A	0.149	1.6	N/A
Bottom Side	N/A	0.462	0.584	0.485	1.6	N/A

<WCDMA+5GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	WCDMA Band 2 $_{1-g}$ (W/Kg)	WCDMA Band 4 $_{1-g}$ (W/Kg)	WCDMA Band 5 $_{1-g}$ (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.148	0.252	0.429	0.357	0.563	1.6	N/A
Back	**0.221**	**0.421**	**0.608**	**0.568**	**0.831**	1.6	N/A
Left Side	N/A	0.281	0.414	0.376	0.477	1.6	N/A
Right Side	0.202	0.368	0.494	0.417	0.506	1.6	N/A
Top side	0.209	N/A	N/A	N/A	0.149	1.6	N/A
Bottom Side	N/A	0.413	0.582	0.533	0.489	1.6	N/A

<LTE+5GWiFi >

Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 7_{1-g} (W/Kg)	LTE BAND 12_{1-g} (W/Kg)	LTE BAND 13_{1-g} (W/Kg)	LTE BAND 25_{1-g} (W/Kg)	LTE BAND 26_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.148	0.337	0.461	0.410	0.418	0.441	0.588	1.6	N/A
Back	**0.221**	**0.517**	**0.614**	**0.543**	**0.567**	**0.623**	**0.871**	1.6	N/A
Left Side	N/A	0.240	0.362	0.265	0.295	0.383	0.422	1.6	N/A
Right Side	0.202	0.338	0.477	0.315	0.407	0.388	0.461	1.6	N/A
Top side	0.209	N/A	N/A	N/A	N/A	N/A	0.149	1.6	N/A
Bottom Side	N/A	0.488	0.588	0.509	0.540	0.600	0.480	1.6	N/A

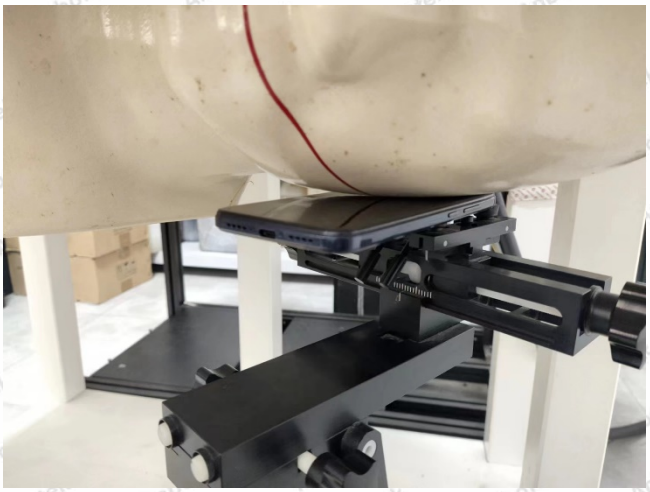
Test Position	WiFi SAR_{1-g} (W/Kg)	LTE BAND 41_{1-g} (W/Kg)	LTE BAND 66_{1-g} (W/Kg)	LTE BAND 71_{1-g} (W/Kg)	MAX. ΣSAR_{1-g} (W/Kg)	SAR_{1-g} Limit (W/Kg)	Simut. Meas. Required
Front	0.148	0.404	0.585	0.245	0.684	1.6	N/A
Back	**0.221**	**0.532**	**0.580**	**0.454**	**0.822**	1.6	N/A
Left Side	N/A	0.317	0.462	0.256	0.549	1.6	N/A
Right Side	0.202	0.410	0.501	0.313	0.492	1.6	N/A
Top side	0.209	N/A	N/A	N/A	0.149	1.6	N/A
Bottom Side	N/A	0.462	0.521	0.424	0.477	1.6	N/A

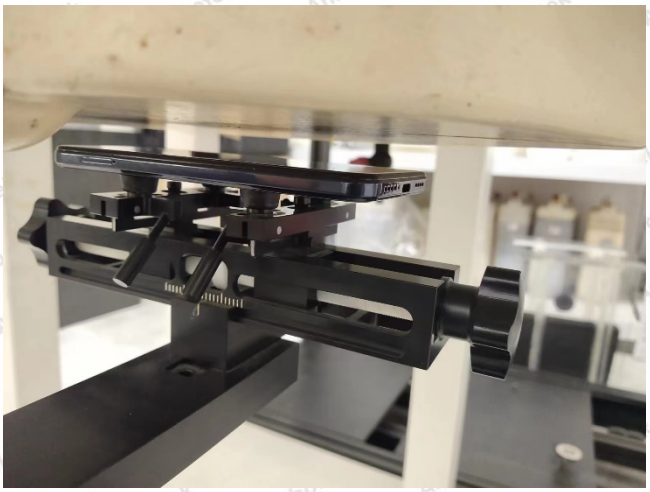
14. Measurement Uncertainty

NO	Source	Uncert. ai（%）	Prob. Dist.	Div. k	ci (1g)	ci (10g)	Stand.Uncert. ui (1g)	Stand.Uncert. ui (10g)	*Veff*
1	Repeat	0. 4	N	1	1	1	0. 4	0. 4	9
Instrument									
2	Probe calibration	7	N	2	1	1	3.5	3.5	∞
3	Axial isotropy	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
4	Hemispherical isotropy	9.4	R	$\sqrt{3}$	0.7	0.7	3.9	3.9	∞
5	Boundary effect	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
7	Detection limits	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
8	Readout electronics	0.3	N	1	1	1	0.3	0.3	∞
9	Response time	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
10	Integration time	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
11	Ambient noise	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	Ambient reflections	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioner mech. restrictions	0.4	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Max.SAR evaluation	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞

Test sample related									
16	Device positioning	3.8	N	1	1	1	3.8	3.8	99
17	Device holder	5.1	N	1	1	1	5.1	5.1	5
18	Drift of output power	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up									
19	Phantom uncertainty	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
20	Liquid conductivity (target)	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas)	2.5	N	1	0.64	0.43	1.6	1.2	∞
22	Liquid Permittivity (target)	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.5	∞
23	Liquid Permittivity (meas)	2.5	N	1	0.6	0.49	1.5	1.2	∞
Combined standard			RSS	$U_C = \sqrt{\sum_{i=1}^{n} C_i^2 U_i^2}$			11.4%	11.3%	236
Expanded uncertainty(P=95%)			$U = k U_c$,k=2				**22.8%**	**22.6%**	

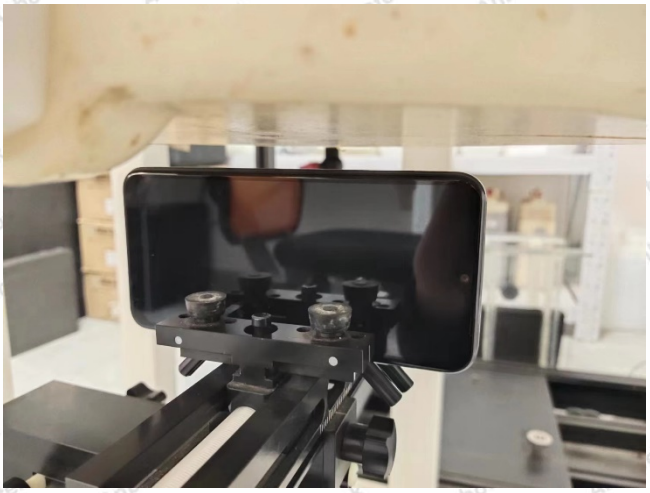
Appendix A. EUT Photos and Test Setup Photos

	
Left Head Touch	Right Head Touch
	
Left Head Tilt (15°)	Right Head Tilt (15°)



Front (10mm)

Back(10mm)



Left Side (10mm)

Right Side (10mm)

Top Side (10mm)

Bottom Side (10mm)

Appendix B. Plots of SAR System Check

750MHz Head System Check

Date:12/01/2022

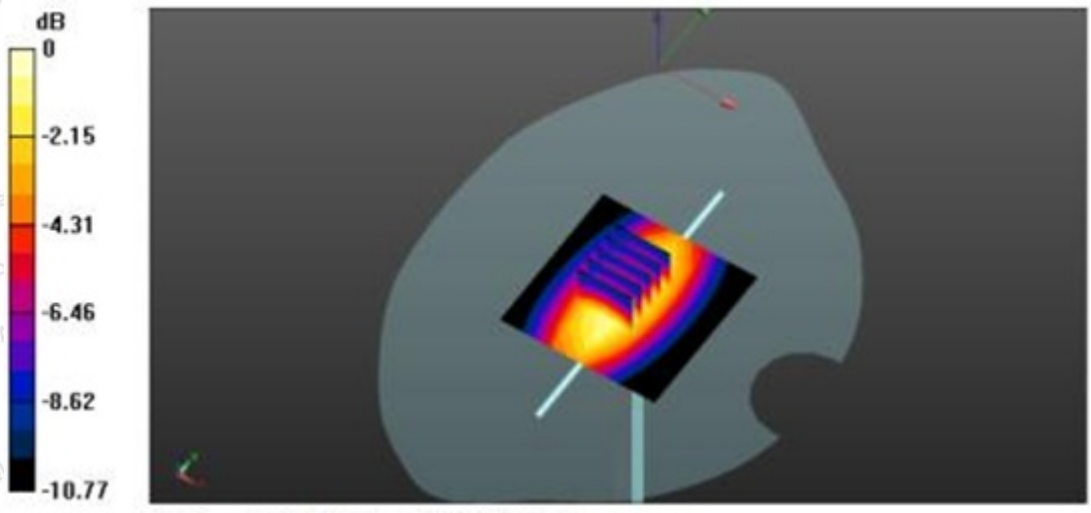
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN: 1163

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.93 S/m; εr = 41.69; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7396; ConvF(10.09, 10.09, 10.09); Calibrated: May,06.2022;
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn387; Calibrated: Sep.06.2022
Phantom: SAM 1; Type: SAM;
Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.32 W/kg
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.675 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.42 W/kg
Maximum value of SAR (measured) = 3.24 W/kg



835MHz Head System Check Date:12/02/2022

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d154

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 835 MHz; σ = 0.94 S/m; ε_r = 41.58; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: 05,06.2022;

•Sensor-Surface: 4mm (Mechanical Surface Detection)

•Electronics: DAE4 Sn387; Calibrated: Sep.06,2022;

•Phantom: SAM 1; Type: SAM;

•Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Area Scan (61x91x1): Measurement grid: dx=15.00 mm, dy=15.00 mm

Maximum value of SAR (interpolated) = 2.875 W/kg

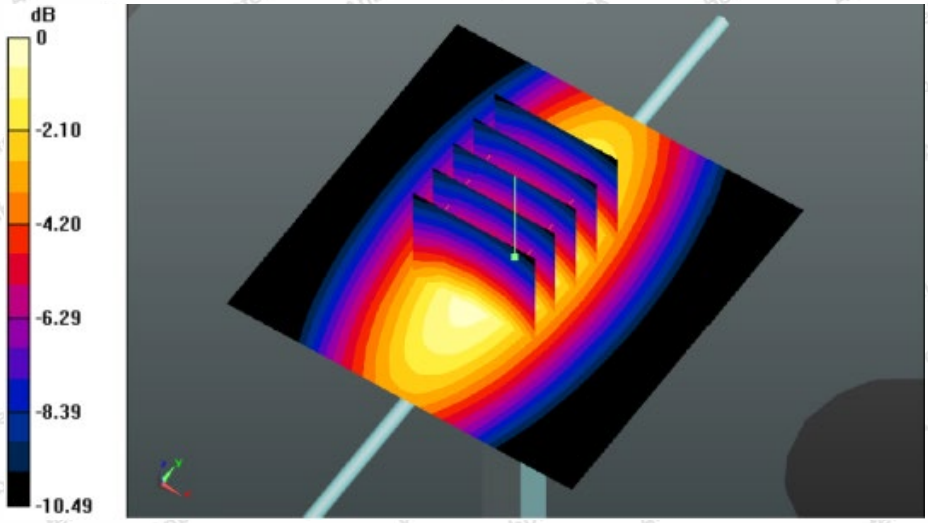
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.286 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.175 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.55 W/kg

Maximum value of SAR (measured) = 2.574 W/kg



1750MHz Head System Check Date:12/07/2022

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2

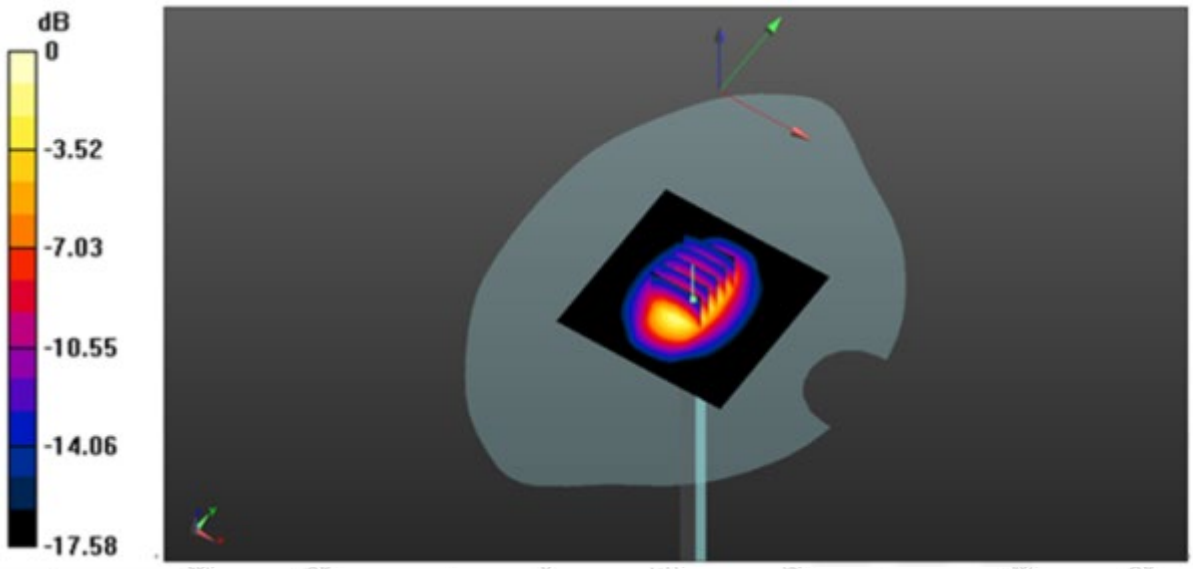
Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f =1750 MHz; σ =1.42 S/m; εr =40.21; ρ =1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.24, 8.24, 8.24); Calibrated: May,06.2022;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.06.2022;
- Phantom: SAM 1 ; Type: QD 000 P40 CD; Serial: TP - 1802
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.122 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.35 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.353 W/kg
SAR(1 g) =9.69 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 12.142 W/kg



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d175

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1900 MHz; σ = 1.44S/m; εr = 40.19; ρ = 1000 kg/m3

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7396; ConvF(7.97, 7.97, 7.97); Calibrated: 05,06.2022;

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn387; Calibrated: Sep.06,2022;

Phantom: SAM 1; Type: SAM;

Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Area Scan (61x91x1): Measurement grid: dx=15.00 mm, dy=15.00 mm

Maximum value of SAR (interpolated) = 16.895 W/kg

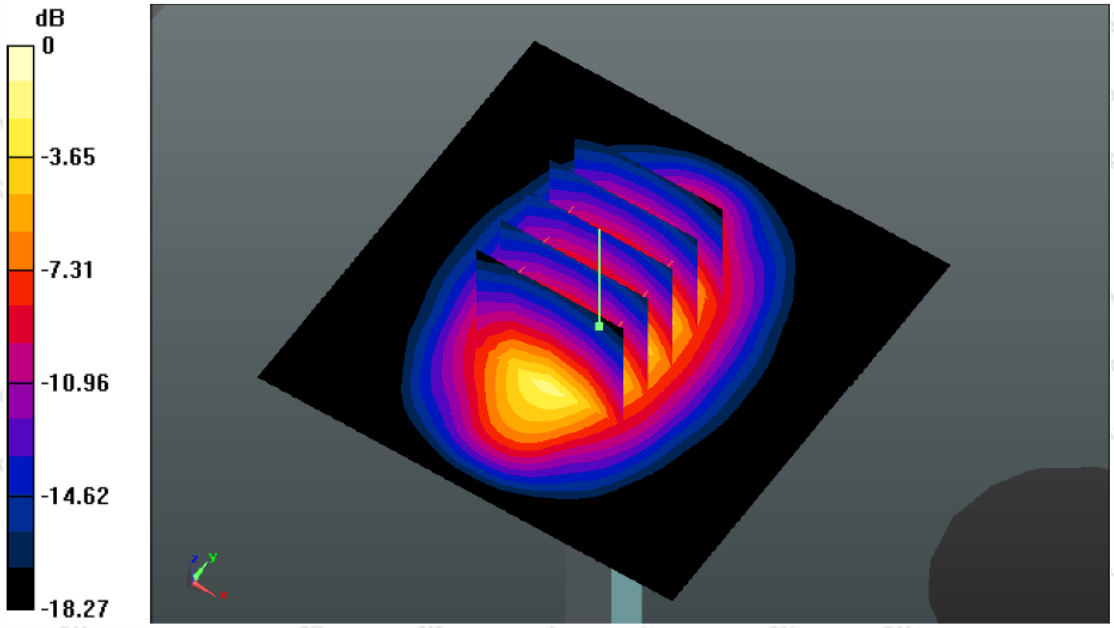
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.671 V/m; Power Drift = 0.08dB

Peak SAR (extrapolated) = 19.868 W/kg

SAR(1 g) = 10.18 W/kg; SAR(10 g) = 5.37 W/kg

Maximum value of SAR (measured) = 15.332 W/kg

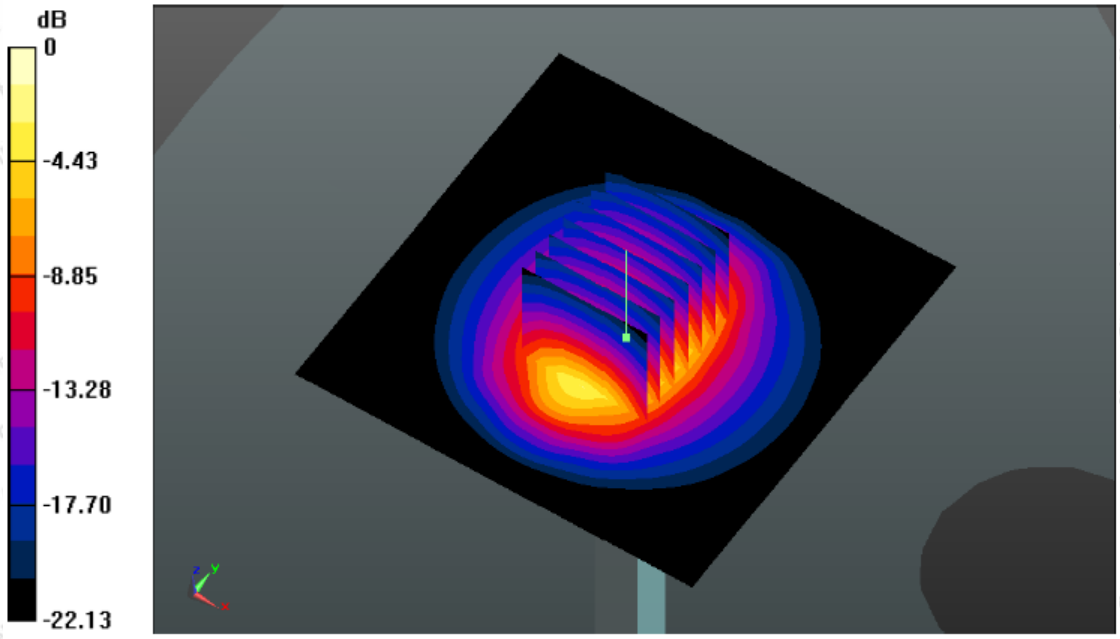


DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 910

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.82S/m; εr = 39.07; ρ = 1000 kg/m3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7396; ConvF(7.53, 7.53, 7.53); Calibrated: 05,06.2022;
Sensor-Surface: 3mm (Mechanical Surface Detection)
Electronics: DAE4 Sn387; Calibrated: Sep.06.2022;
Phantom: SAM 1; Type: SAM;
Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Area Scan (61x91x1): Measurement grid: dx=10.00 mm, dy=10.00 mm
Maximum value of SAR (interpolated) = 19.664 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.571 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 26.125 W/kg
SAR(1 g) = 12.95 W/kg; SAR(10 g) = 5.92 W/kg
Maximum value of SAR (measured) = 19.47W/kg



2600MHz Head System Check Date:12/13/2022

DUT: Dipole 2600 MHz; Type: D2600V2;

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2600 MHz; σ = 2.05 S/m; εr = 39.31; ρ = 1000 kg/m3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(7.38, 7.38, 7.38); Calibrated: 05,06.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.06.2022
- Phantom: SAM; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 24.576 W/kg

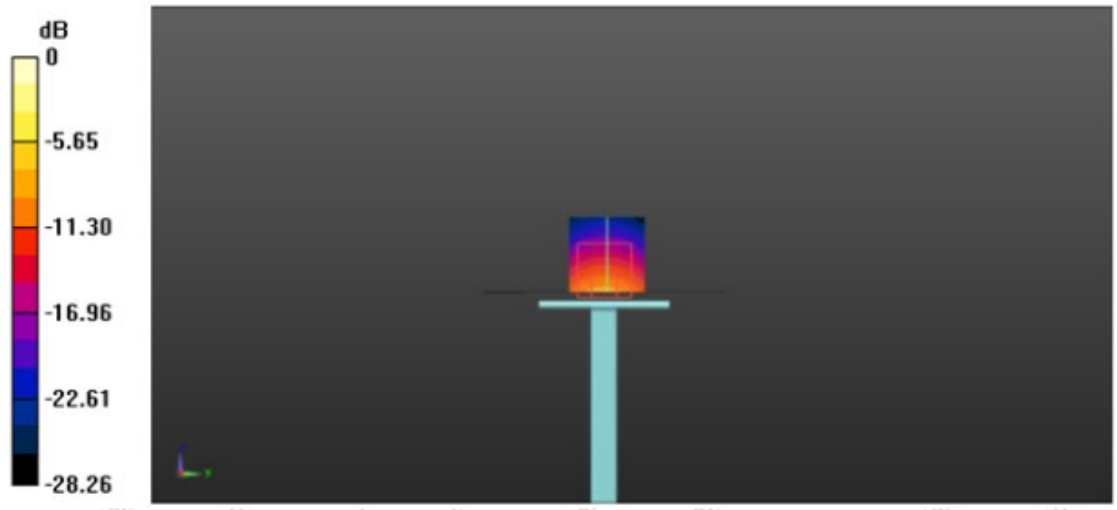
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.147 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 33.245 W/kg

SAR(1 g) = 13.91 W/kg; SAR(10 g) = 6.43 W/kg

Maximum value of SAR (measured) = 25.668 W/kg



5200MHz Head System Check Date:12/14/2022

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160

Communication System: UID 0, CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 4.77 S/m; ε_r= 36.27; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 05,06.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep. 06, 2022
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.874 W/kg

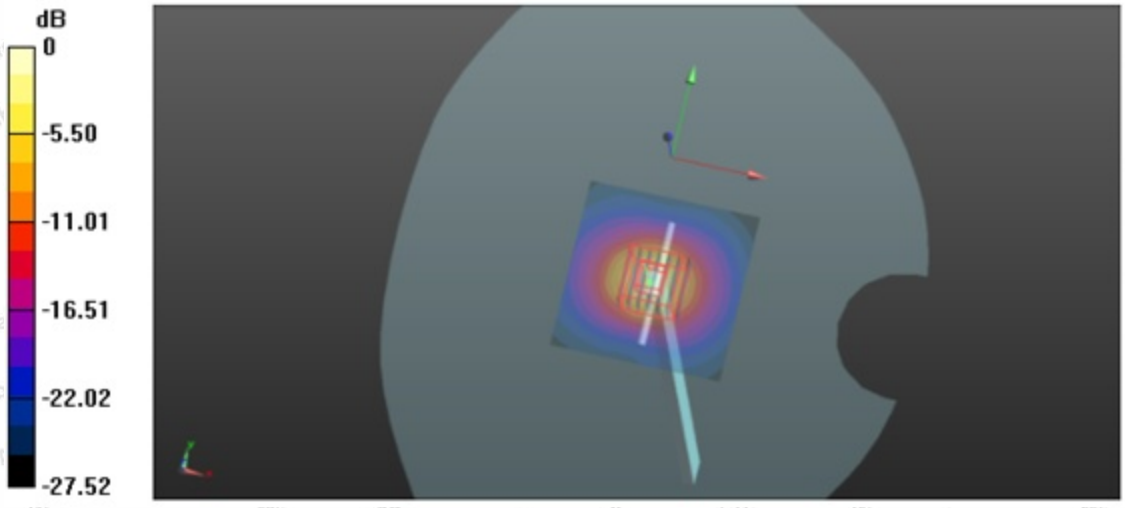
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.795 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 32.687 W/kg

SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.18 W/kg

Maximum value of SAR (measured) = 19.887 W/kg



5300MHz Head System Check Date:12/23/2022

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160

Communication System: UID 0, CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5300 MHz; σ = 4.87 S/m; ε_r = 35.55; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: May 06, 2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep. 06, 2022
- Phantom: SAM; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.702 W/kg

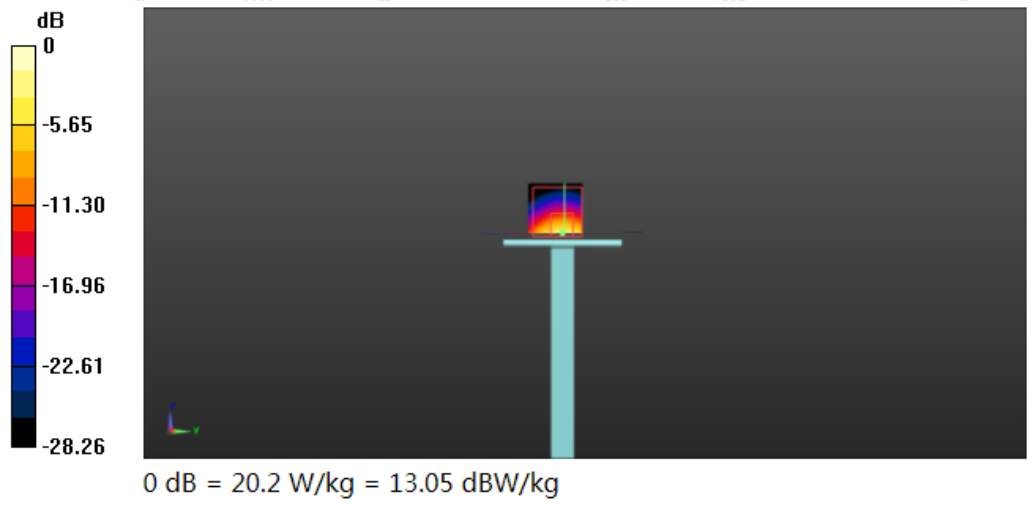
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 58.479 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 33.826 W/kg

SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.15 W/kg

Maximum value of SAR (measured) = 20.206 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

5800MHz Head System Check Date: 12/15/2022

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: f = 5800 MHz; σ = 5.38 S/m; ε_r= 35.69; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.52, 4.52, 4.52); Calibrated: May 06, 2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep. 06, 2022
- Phantom: SAM; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Configuration/Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.33 W/kg

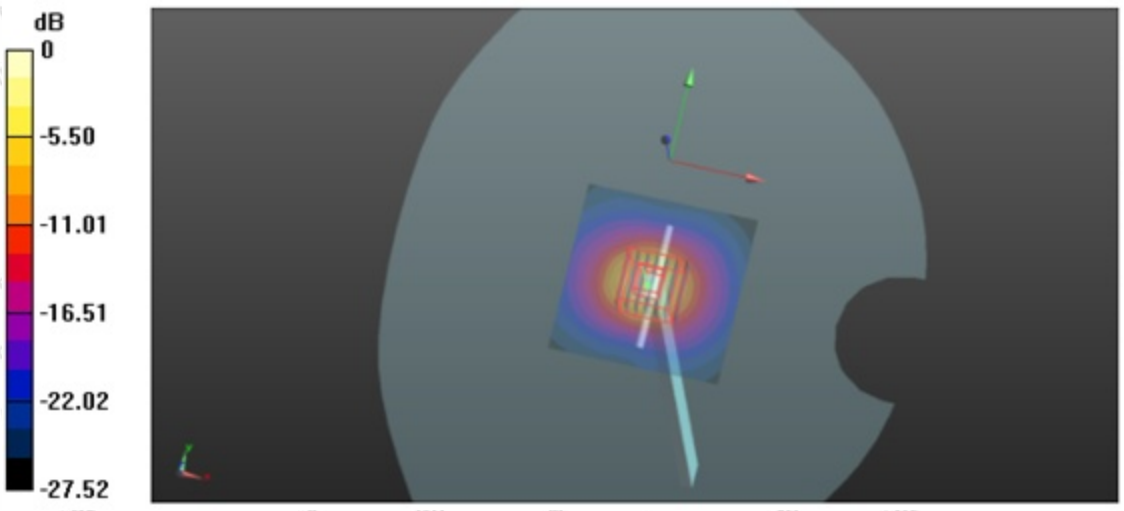
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.187 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 31.866 W/kg

SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.08 W/kg

Maximum value of SAR (measured) = 19.864 W/kg



Appendix C. Plots of SAR Test Data

#1

Date: 12/02/2022

GSM850_GPRS_4TX_ Right Cheek Touch _Ch251

Communication System: UID 0, GPRS(4 Tx slots) (0); Frequency: 848.6MHz;Duty Cycle: 1:1

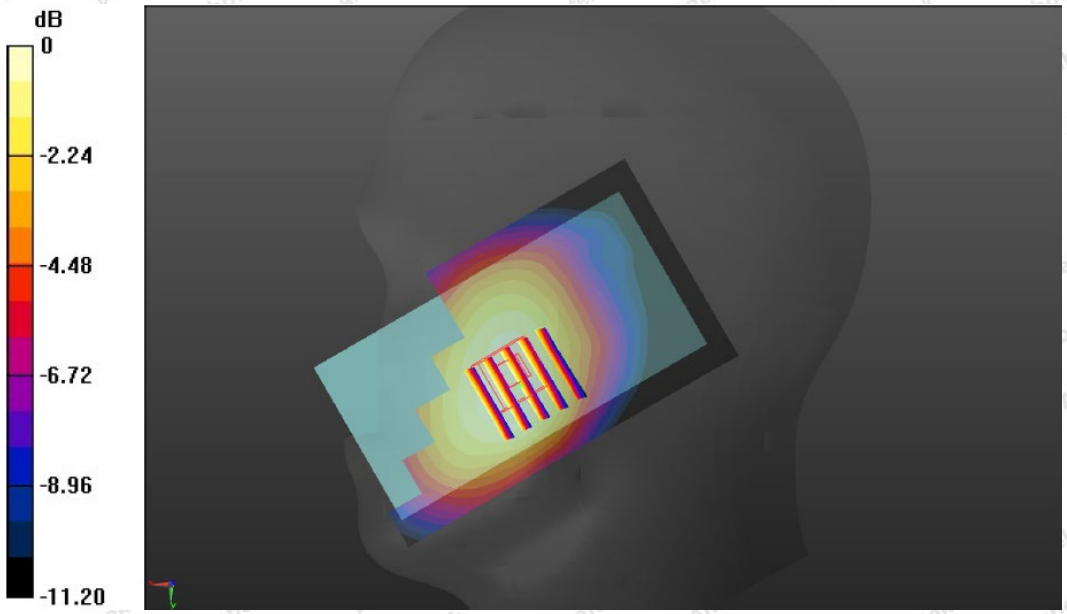
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.93 S/m; ε_r = 41.69; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: May 06, 2022;
•Sensor-Surface: 4mm (Mechanical Surface Detection)
•Electronics: DAE4 Sn387; Calibrated: Sep.06,2022
•Phantom: SAM 1; Type: SAM;
•Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Right Cheek Touch/Area Scan (71x121x1): Measurement grid: dx=1.500mm, dy=1.500mm
Maximum value of SAR (interpolated) = 0.839 W/kg
Right Cheek Touch /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.385 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) =0.828 W/kg



#2

Date: 12/09/2022

GSM1900_GPRS_4TX_ Right Cheek Touch _Ch512

Communication System: UID 0, GPRS(4 Tx slots) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1850.2 MHz; σ = 1.44 S/m; ε_r = 40.19; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(7.97, 7.97, 7.97); Calibrated: May 06.2022;
•Sensor-Surface: 4mm (Mechanical Surface Detection)
•Electronics: DAE4 Sn387; Calibrated: Sep.06,2022
•Phantom: SAM 1; Type: SAM;
•Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Right Cheek Touch /Area Scan (71x121x1): Measurement grid: dx=1.500mm, dy=1.500mm

Maximum value of SAR (measured) =0.621 W/kg

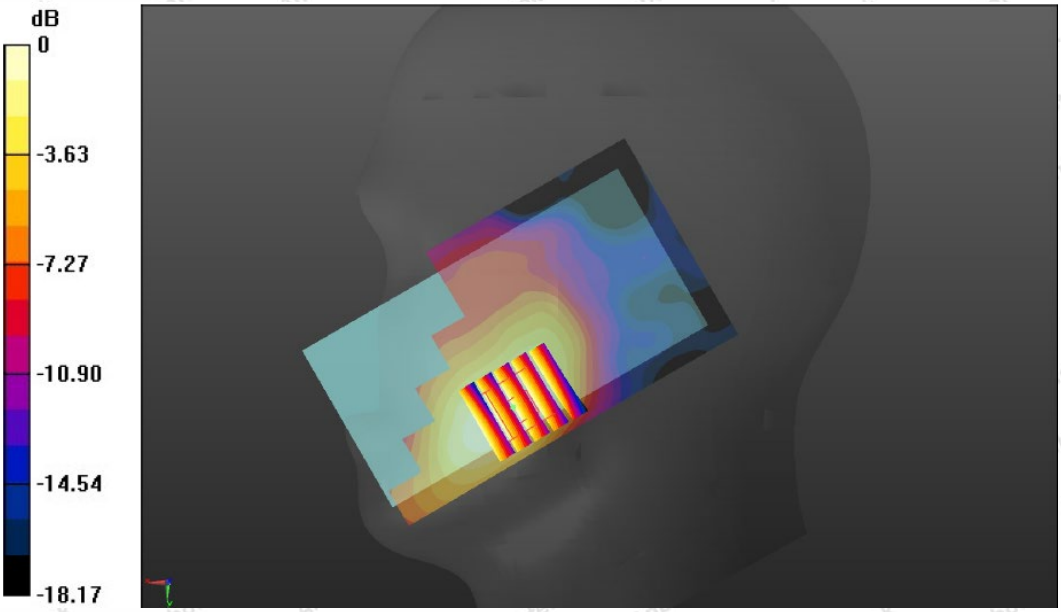
Right Cheek Touch /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.684 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.642 W/kg



#3

Date: 12/09/2022

WCDMA 1900_RMC 12.2K_ Right Cheek Touch _Ch9262

Communication System: UID 0, Generic WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

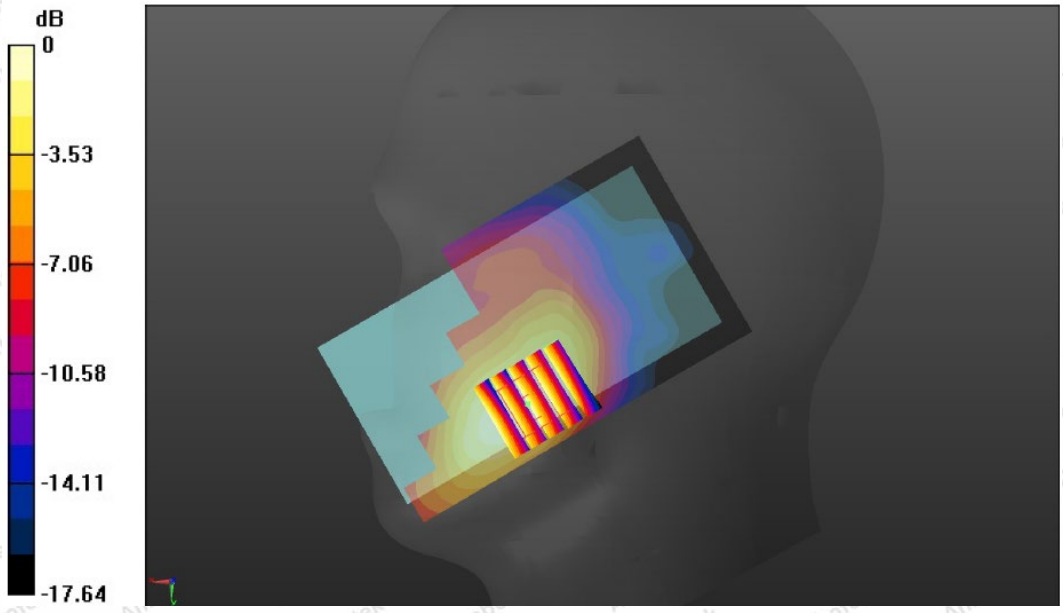
Medium parameters used: f = 1852.4 MHz; σ = 1.44 S/m; ε_r = 40.19; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(7.97, 7.97, 7.97); Calibrated: May,06.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.06,2022
- Phantom: SAM; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)
- **Right Cheek Touch /Area Scan (71x121x1):** Measurement grid: dx=1.500mm, dy=1.500mm
  Maximum value of SAR (measured) =0.579 W/kg

  Right Cheek Touch /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
  Reference Value = 5.458 V/m; Power Drift = 0.12dB
  Peak SAR (extrapolated) = 0.594 W/kg
  SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.138 W/kg
  Maximum value of SAR (measured) = 0.533 W/kg



#4

Date: 12/02/2022

WCDMA 850_RMC 12.2K_ Right Cheek Touch _Ch4132

Communication System: UID 0, Generic WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.94 S/m; ε_r = 41.58; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 – SN7396; ConvF(9.88, 9.88, 9.88); Calibrated: May,06.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.06,2022
- Phantom: SAM; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.10 (7164)

Right Cheek Touch/Area Scan (71x121x1): Measurement grid: dx=1.500mm, dy=1.500mm

Maximum value of SAR (measured) =0.784 W/kg

Right Cheek Touch /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.883 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.768 W/kg