Band12	3MHz	23165	1RB#0	23.81	23.0±1.0
Band12	3MHz	23165	1RB#0	22.89	23.0±1.0
Band12	3MHz	23165	1RB#8	23.78	23.0±1.0
Band12	3MHz	23165	1RB#8	22.72	23.0±1.0
Band12	3MHz	23165	1RB#14	23.25	23.0±1.0
Band12	3MHz	23165	1RB#14	22.29	23.0±1.0
Band12	3MHz	23165	8RB#0	22.41	23.0±1.0
Band12	3MHz	23165	8RB#0	21.54	22.0±1.0
Band12	3MHz	23165	8RB#4	22.60	23.0±1.0
Band12	3MHz	23165	8RB#4	21.51	22.0±1.0
Band12	3MHz	23165	8RB#7	22.29	23.0±1.0
Band12	3MHz	23165	8RB#7	21.31	22.0±1.0
Band12	3MHz	23165	15RB#0	22.43	23.0±1.0
Band12	3MHz	23165	15RB#0	21.36	22.0±1.0
Band12	5MHz	23035	1RB#0	24.18	24.0±1.0
Band12	5MHz	23035	1RB#0	23.33	23.0±1.0
Band12	5MHz	23035	1RB#12	24.16	24.0±1.0
Band12	5MHz	23035	1RB#12	23.23	23.0±1.0
Band12	5MHz	23035	1RB#24	24.04	24.0±1.0
Band12	5MHz	23035	1RB#24	22.99	23.0±1.0
Band12	5MHz	23035	12RB#0	22.97	23.0±1.0
Band12	5MHz	23035	12RB#0	21.86	22.0±1.0
Band12	5MHz	23035	12RB#6	22.92	23.0±1.0
Band12	5MHz	23035	12RB#6	21.81	22.0±1.0
Band12	5MHz	23035	12RB#13	22.89	23.0±1.0
Band12	5MHz	23035	12RB#13	21.80	22.0±1.0
Band12	5MHz	23035	25RB#0	22.76	23.0±1.0
Band12	5MHz	23035	25RB#0	21.69	22.0±1.0
Band12	5MHz	23095	1RB#0	23.94	23.0±1.0
Band12	5MHz	23095	1RB#0	22.40	23.0±1.0
Band12	5MHz	23095	1RB#12	23.57	23.0±1.0
Band12	5MHz	23095	1RB#12	22.16	23.0±1.0
Band12	5MHz	23095	1RB#24	23.47	23.0±1.0
Band12	5MHz	23095	1RB#24	22.16	23.0±1.0
Band12	5MHz	23095	12RB#0	22.55	23.0±1.0
Band12	5MHz	23095	12RB#0	21.55	22.0±1.0
Band12	5MHz	23095	12RB#6	22.54	23.0±1.0
Band12	5MHz	23095	12RB#6	21.66	22.0±1.0
Band12	5MHz	23095	12RB#13	22.45	23.0±1.0
Band12	5MHz	23095	12RB#13	21.45	22.0±1.0

Band12	5MHz	23095	25RB#0	22.41	23.0±1.0
Band12	5MHz	23095	25RB#0	21.42	22.0±1.0
Band12	5MHz	23155	1RB#0	23.78	23.0±1.0
Band12	5MHz	23155	1RB#0	22.44	23.0±1.0
Band12	5MHz	23155	1RB#12	23.70	23.0±1.0
Band12	5MHz	23155	1RB#12	22.30	23.0±1.0
Band12	5MHz	23155	1RB#24	23.14	23.0±1.0
Band12	5MHz	23155	1RB#24	22.40	23.0±1.0
Band12	5MHz	23155	12RB#0	22.36	23.0±1.0
Band12	5MHz	23155	12RB#0	21.45	22.0±1.0
Band12	5MHz	23155	12RB#6	22.27	23.0±1.0
Band12	5MHz	23155	12RB#6	21.34	22.0±1.0
Band12	5MHz	23155	12RB#13	22.20	23.0±1.0
Band12	5MHz	23155	12RB#13	21.29	22.0±1.0
Band12	5MHz	23155	25RB#0	22.33	23.0±1.0
Band12	5MHz	23155	25RB#0	21.32	22.0±1.0
Band12	10MHz	23060	1RB#0	24.28	24.0±1.0
Band12	10MHz	23060	1RB#0	23.53	23.0±1.0
Band12	10MHz	23060	1RB#24	24.42	24.0±1.0
Band12	10MHz	23060	1RB#24	23.35	23.0±1.0
Band12	10MHz	23060	1RB#49	23.86	23.0±1.0
Band12	10MHz	23060	1RB#49	23.20	23.0±1.0
Band12	10MHz	23060	25RB#0	22.88	23.0±1.0
Band12	10MHz	23060	25RB#0	21.89	22.0±1.0
Band12	10MHz	23060	25RB#12	22.74	23.0±1.0
Band12	10MHz	23060	25RB#12	21.74	23.0±1.0
Band12	10MHz	23060	25RB#25	22.75	23.0±1.0
Band12	10MHz	23060	25RB#25	21.77	22.0±1.0
Band12	10MHz	23060	50RB#0	22.67	23.0±1.0
Band12	10MHz	23060	50RB#0	21.64	22.0±1.0
Band12	10MHz	23095	1RB#0	23.74	23.0±1.0
Band12	10MHz	23095	1RB#0	22.46	23.0±1.0
Band12	10MHz	23095	1RB#24	23.59	23.0±1.0
Band12	10MHz	23095	1RB#24	22.66	23.0±1.0
Band12	10MHz	23095	1RB#49	23.50	23.0±1.0
Band12	10MHz	23095	1RB#49	22.37	23.0±1.0
Band12	10MHz	23095	25RB#0	22.44	23.0±1.0
Band12	10MHz	23095	25RB#0	21.43	22.0±1.0
Band12	10MHz	23095	25RB#12	22.43	23.0±1.0
Band12	10MHz	23095	25RB#12	21.41	22.0±1.0

Band12	10MHz	23095	25RB#25	22.36	23.0±1.0
Band12	10MHz	23095	25RB#25	21.34	22.0±1.0
Band12	10MHz	23095	50RB#0	22.30	23.0±1.0
Band12	10MHz	23095	50RB#0	21.38	22.0±1.0
Band12	10MHz	23130	1RB#0	23.27	23.0±1.0
Band12	10MHz	23130	1RB#0	22.50	23.0±1.0
Band12	10MHz	23130	1RB#24	23.71	23.0±1.0
Band12	10MHz	23130	1RB#24	22.63	23.0±1.0
Band12	10MHz	23130	1RB#49	22.94	23.0±1.0
Band12	10MHz	23130	1RB#49	22.13	23.0±1.0
Band12	10MHz	23130	25RB#0	22.30	23.0±1.0
Band12	10MHz	23130	25RB#0	21.34	22.0±1.0
Band12	10MHz	23130	25RB#12	22.31	23.0±1.0
Band12	10MHz	23130	25RB#12	21.33	22.0±1.0
Band12	10MHz	23130	25RB#25	22.45	23.0±1.0
Band12	10MHz	23130	25RB#25	21.48	22.0±1.0
Band12	10MHz	23130	50RB#0	22.38	23.0±1.0
Band12	10MHz	23130	50RB#0	21.40	22.0±1.0

Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)	Tune-Up
				QPSK	QPSK
Band13	5MHz	23205	1RB#0	24.42	24.0±1.0
Band13	5MHz	23205	1RB#0	23.55	23.0±1.0
Band13	5MHz	23205	1RB#12	24.80	24.0±1.0
Band13	5MHz	23205	1RB#12	23.56	23.0±1.0
Band13	5MHz	23205	1RB#24	24.07	24.0±1.0
Band13	5MHz	23205	1RB#24	23.50	23.0±1.0
Band13	5MHz	23205	12RB#0	23.19	24.0±1.0
Band13	5MHz	23205	12RB#0	22.24	23.0±1.0
Band13	5MHz	23205	12RB#6	23.10	24.0±1.0
Band13	5MHz	23205	12RB#6	22.16	23.0±1.0
Band13	5MHz	23205	12RB#13	22.95	23.0±1.0
Band13	5MHz	23205	12RB#13	22.11	23.0±1.0
Band13	5MHz	23205	25RB#0	22.89	23.0±1.0
Band13	5MHz	23205	25RB#0	21.86	22.0±1.0
Band13	5MHz	23230	1RB#0	24.06	23.0±1.0
Band13	5MHz	23230	1RB#0	22.88	23.0±1.0
Band13	5MHz	23230	1RB#12	23.94	24.0±1.0

Band13	5MHz	23230	1RB#12	22.69	23.0±1.0
Band13	5MHz	23230	1RB#24	23.67	24.0±1.0
Band13	5MHz	23230	1RB#24	22.73	23.0±1.0
Band13	5MHz	23230	12RB#0	22.54	23.0±1.0
Band13	5MHz	23230	12RB#0	21.60	22.0±1.0
Band13	5MHz	23230	12RB#6	22.63	23.0±1.0
Band13	5MHz	23230	12RB#6	21.47	22.0±1.0
Band13	5MHz	23230	12RB#13	22.46	23.0±1.0
Band13	5MHz	23230	12RB#13	21.62	22.0±1.0
Band13	5MHz	23230	25RB#0	22.50	23.0±1.0
Band13	5MHz	23230	25RB#0	21.56	22.0±1.0
Band13	5MHz	23255	1RB#0	23.61	23.0±1.0
Band13	5MHz	23255	1RB#0	22.10	23.0±1.0
Band13	5MHz	23255	1RB#12	23.44	24.0±1.0
Band13	5MHz	23255	1RB#12	22.04	23.0±1.0
Band13	5MHz	23255	1RB#24	23.35	24.0±1.0
Band13	5MHz	23255	1RB#24	21.97	22.0±1.0
Band13	5MHz	23255	12RB#0	22.34	24.0±1.0
Band13	5MHz	23255	12RB#0	21.28	22.0±1.0
Band13	5MHz	23255	12RB#6	22.25	24.0±1.0
Band13	5MHz	23255	12RB#6	21.27	22.0±1.0
Band13	5MHz	23255	12RB#13	22.24	24.0±1.0
Band13	5MHz	23255	12RB#13	21.35	22.0±1.0
Band13	5MHz	23255	25RB#0	22.29	24.0±1.0
Band13	5MHz	23255	25RB#0	21.21	22.0±1.0
Band13	10MHz	23230	1RB#0	23.66	24.0±1.0
Band13	10MHz	23230	1RB#0	22.47	23.0±1.0
Band13	10MHz	23230	1RB#24	24.24	24.0±1.0
Band13	10MHz	23230	1RB#24	23.27	24.0±1.0
Band13	10MHz	23230	1RB#49	23.79	24.0±1.0
Band13	10MHz	23230	1RB#49	22.73	23.0±1.0
Band13	10MHz	23230	25RB#0	22.66	23.0±1.0
Band13	10MHz	23230	25RB#0	21.69	22.0±1.0
Band13	10MHz	23230	25RB#12	22.71	23.0±1.0
Band13	10MHz	23230	25RB#12	21.63	22.0±1.0
Band13	10MHz	23230	25RB#25	22.59	23.0±1.0
Band13	10MHz	23230	25RB#25	21.54	22.0±1.0
Band13	10MHz	23230	50RB#0	22.47	23.0±1.0
Band13	10MHz	23230	50RB#0	21.56	22.0±1.0

Band	Channel Bandwidth	Channel	RB Configure	Result (dBm)	Tune-Up
				QPSK	QPSK
Band66	1.4MHz	131979	1RB#0	23.15	23.0±1.0
Band66	1.4MHz	131979	1RB#0	22.36	22.0±1.0
Band66	1.4MHz	131979	1RB#2	23.09	23.0±1.0
Band66	1.4MHz	131979	1RB#2	22.30	22.0±1.0
Band66	1.4MHz	131979	1RB#5	22.96	22.0±1.0
Band66	1.4MHz	131979	1RB#5	22.21	22.0±1.0
Band66	1.4MHz	131979	3RB#0	22.68	22.0±1.0
Band66	1.4MHz	131979	3RB#0	21.53	22.0±1.0
Band66	1.4MHz	131979	3RB#1	22.64	22.0±1.0
Band66	1.4MHz	131979	3RB#1	21.48	22.0±1.0
Band66	1.4MHz	131979	3RB#3	22.54	22.0±1.0
Band66	1.4MHz	131979	3RB#3	21.47	22.0±1.0
Band66	1.4MHz	131979	6RB#0	21.62	22.0±1.0
Band66	1.4MHz	131979	6RB#0	20.71	21.0±1.0
Band66	1.4MHz	132322	1RB#0	23.76	23.0±1.0
Band66	1.4MHz	132322	1RB#0	22.54	22.0±1.0
Band66	1.4MHz	132322	1RB#2	23.51	23.0±1.0
Band66	1.4MHz	132322	1RB#2	22.77	22.0±1.0
Band66	1.4MHz	132322	1RB#5	23.33	23.0±1.0
Band66	1.4MHz	132322	1RB#5	22.33	22.0±1.0
Band66	1.4MHz	132322	3RB#0	23.53	23.0±1.0
Band66	1.4MHz	132322	3RB#0	22.42	22.0±1.0
Band66	1.4MHz	132322	3RB#1	23.41	23.0±1.0
Band66	1.4MHz	132322	3RB#1	22.36	22.0±1.0
Band66	1.4MHz	132322	3RB#3	23.28	23.0±1.0
Band66	1.4MHz	132322	3RB#3	22.34	22.0±1.0
Band66	1.4MHz	132322	6RB#0	22.26	22.0±1.0
Band66	1.4MHz	132322	6RB#0	21.17	22.0±1.0
Band66	1.4MHz	132665	1RB#0	23.68	23.0±1.0
Band66	1.4MHz	132665	1RB#0	22.95	22.0±1.0
Band66	1.4MHz	132665	1RB#2	23.86	23.0±1.0
Band66	1.4MHz	132665	1RB#2	23.20	23.0±1.0
Band66	1.4MHz	132665	1RB#5	23.66	23.0±1.0
Band66	1.4MHz	132665	1RB#5	22.78	22.0±1.0
Band66	1.4MHz	132665	3RB#0	23.30	23.0±1.0
Band66	1.4MHz	132665	3RB#0	22.32	22.0±1.0
Band66	1.4MHz	132665	3RB#1	23.31	23.0±1.0

Band66	1.4MHz	132665	3RB#1	22.28	22.0±1.0
Band66	1.4MHz	132665	3RB#3	23.20	23.0±1.0
Band66	1.4MHz	132665	3RB#3	22.10	22.0±1.0
Band66	1.4MHz	132665	6RB#0	22.22	22.0±1.0
Band66	1.4MHz	132665	6RB#0	21.29	22.0±1.0
Band66	3MHz	131987	1RB#0	23.37	23.0±1.0
Band66	3MHz	131987	1RB#0	22.42	22.0±1.0
Band66	3MHz	131987	1RB#8	23.18	23.0±1.0
Band66	3MHz	131987	1RB#8	22.51	22.0±1.0
Band66	3MHz	131987	1RB#14	23.23	23.0±1.0
Band66	3MHz	131987	1RB#14	22.16	22.0±1.0
Band66	3MHz	131987	8RB#0	22.40	22.0±1.0
Band66	3MHz	131987	8RB#0	21.24	22.0±1.0
Band66	3MHz	131987	8RB#4	22.07	22.0±1.0
Band66	3MHz	131987	8RB#4	21.00	22.0±1.0
Band66	3MHz	131987	8RB#7	22.04	22.0±1.0
Band66	3MHz	131987	8RB#7	21.17	22.0±1.0
Band66	3MHz	131987	15RB#0	22.02	22.0±1.0
Band66	3MHz	131987	15RB#0	21.06	22.0±1.0
Band66	3MHz	132322	1RB#0	23.68	23.0±1.0
Band66	3MHz	132322	1RB#0	22.50	22.0±1.0
Band66	3MHz	132322	1RB#8	23.48	23.0±1.0
Band66	3MHz	132322	1RB#8	22.38	22.0±1.0
Band66	3MHz	132322	1RB#14	23.24	23.0±1.0
Band66	3MHz	132322	1RB#14	22.13	22.0±1.0
Band66	3MHz	132322	8RB#0	22.37	22.0±1.0
Band66	3MHz	132322	8RB#0	21.19	22.0±1.0
Band66	3MHz	132322	8RB#4	22.25	22.0±1.0
Band66	3MHz	132322	8RB#4	21.38	22.0±1.0
Band66	3MHz	132322	8RB#7	22.21	22.0±1.0
Band66	3MHz	132322	8RB#7	21.34	22.0±1.0
Band66	3MHz	132322	15RB#0	22.23	22.0±1.0
Band66	3MHz	132322	15RB#0	20.96	21.0±1.0
Band66	3MHz	132657	1RB#0	23.13	23.0±1.0
Band66	3MHz	132657	1RB#0	21.78	22.0±1.0
Band66	3MHz	132657	1RB#8	23.04	23.0±1.0
Band66	3MHz	132657	1RB#8	21.85	22.0±1.0
Band66	3MHz	132657	1RB#14	22.86	22.0±1.0
Band66	3MHz	132657	1RB#14	21.74	22.0±1.0
Band66	3MHz	132657	8RB#0	21.94	22.0±1.0

Band66	3MHz	132657	8RB#0	20.91	21.0±1.0
Band66	3MHz	132657	8RB#4	21.94	22.0±1.0
Band66	3MHz	132657	8RB#4	21.00	22.0±1.0
Band66	3MHz	132657	8RB#7	21.98	22.0±1.0
Band66	3MHz	132657	8RB#7	20.97	21.0±1.0
Band66	3MHz	132657	15RB#0	21.89	22.0±1.0
Band66	3MHz	132657	15RB#0	20.82	21.0±1.0
Band66	5MHz	131997	1RB#0	23.46	23.0±1.0
Band66	5MHz	131997	1RB#0	22.59	22.0±1.0
Band66	5MHz	131997	1RB#12	23.38	23.0±1.0
Band66	5MHz	131997	1RB#12	22.35	22.0±1.0
Band66	5MHz	131997	1RB#24	23.05	23.0±1.0
Band66	5MHz	131997	1RB#24	22.32	22.0±1.0
Band66	5MHz	131997	12RB#0	22.11	22.0±1.0
Band66	5MHz	131997	12RB#0	21.02	22.0±1.0
Band66	5MHz	131997	12RB#6	21.97	22.0±1.0
Band66	5MHz	131997	12RB#6	20.95	21.0±1.0
Band66	5MHz	131997	12RB#13	21.90	22.0±1.0
Band66	5MHz	131997	12RB#13	21.06	22.0±1.0
Band66	5MHz	131997	25RB#0	21.91	22.0±1.0
Band66	5MHz	131997	25RB#0	20.78	21.0±1.0
Band66	5MHz	132322	1RB#0	23.19	23.0±1.0
Band66	5MHz	132322	1RB#0	22.35	22.0±1.0
Band66	5MHz	132322	1RB#12	23.28	23.0±1.0
Band66	5MHz	132322	1RB#12	22.21	22.0±1.0
Band66	5MHz	132322	1RB#24	23.08	23.0±1.0
Band66	5MHz	132322	1RB#24	22.19	22.0±1.0
Band66	5MHz	132322	12RB#0	22.08	22.0±1.0
Band66	5MHz	132322	12RB#0	20.92	21.0±1.0
Band66	5MHz	132322	12RB#6	22.07	22.0±1.0
Band66	5MHz	132322	12RB#6	20.90	21.0±1.0
Band66	5MHz	132322	12RB#13	21.98	22.0±1.0
Band66	5MHz	132322	12RB#13	20.76	21.0±1.0
Band66	5MHz	132322	25RB#0	21.95	22.0±1.0
Band66	5MHz	132322	25RB#0	20.96	21.0±1.0
Band66	5MHz	132647	1RB#0	23.09	23.0±1.0
Band66	5MHz	132647	1RB#0	21.33	22.0±1.0
Band66	5MHz	132647	1RB#12	22.92	22.0±1.0
Band66	5MHz	132647	1RB#12	21.36	22.0±1.0
Band66	5MHz	132647	1RB#24	22.78	22.0±1.0

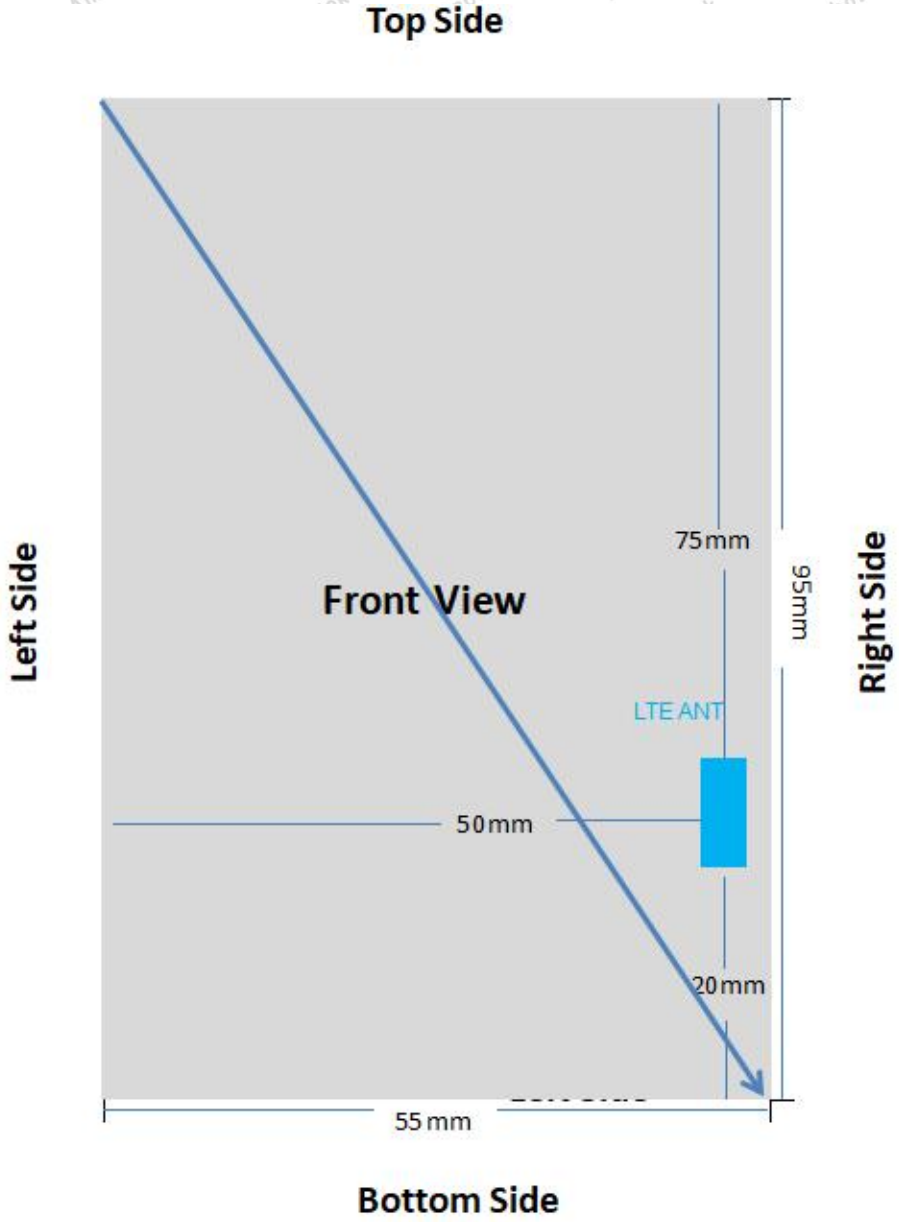
Band66	5MHz	132647	1RB#24	21.54	22.0±1.0
Band66	5MHz	132647	12RB#0	21.84	22.0±1.0
Band66	5MHz	132647	12RB#0	20.82	21.0±1.0
Band66	5MHz	132647	12RB#6	21.84	22.0±1.0
Band66	5MHz	132647	12RB#6	20.66	21.0±1.0
Band66	5MHz	132647	12RB#13	21.82	22.0±1.0
Band66	5MHz	132647	12RB#13	20.85	21.0±1.0
Band66	5MHz	132647	25RB#0	21.84	22.0±1.0
Band66	5MHz	132647	25RB#0	20.88	21.0±1.0
Band66	10MHz	132022	1RB#0	23.42	23.0±1.0
Band66	10MHz	132022	1RB#0	22.64	22.0±1.0
Band66	10MHz	132022	1RB#24	23.53	23.0±1.0
Band66	10MHz	132022	1RB#24	22.31	22.0±1.0
Band66	10MHz	132022	1RB#49	23.19	23.0±1.0
Band66	10MHz	132022	1RB#49	22.42	22.0±1.0
Band66	10MHz	132022	25RB#0	22.08	22.0±1.0
Band66	10MHz	132022	25RB#0	21.12	22.0±1.0
Band66	10MHz	132022	25RB#12	22.04	22.0±1.0
Band66	10MHz	132022	25RB#12	21.25	22.0±1.0
Band66	10MHz	132022	25RB#25	22.02	22.0±1.0
Band66	10MHz	132022	25RB#25	21.18	22.0±1.0
Band66	10MHz	132022	50RB#0	22.02	22.0±1.0
Band66	10MHz	132022	50RB#0	20.86	21.0±1.0
Band66	10MHz	132322	1RB#0	23.67	23.0±1.0
Band66	10MHz	132322	1RB#0	22.69	22.0±1.0
Band66	10MHz	132322	1RB#24	23.35	23.0±1.0
Band66	10MHz	132322	1RB#24	22.45	22.0±1.0
Band66	10MHz	132322	1RB#49	23.13	23.0±1.0
Band66	10MHz	132322	1RB#49	22.49	22.0±1.0
Band66	10MHz	132322	25RB#0	22.12	22.0±1.0
Band66	10MHz	132322	25RB#0	21.26	22.0±1.0
Band66	10MHz	132322	25RB#12	22.11	22.0±1.0
Band66	10MHz	132322	25RB#12	21.16	22.0±1.0
Band66	10MHz	132322	25RB#25	22.16	22.0±1.0
Band66	10MHz	132322	25RB#25	20.93	21.0±1.0
Band66	10MHz	132322	50RB#0	22.12	22.0±1.0
Band66	10MHz	132322	50RB#0	21.13	22.0±1.0
Band66	10MHz	132622	1RB#0	22.99	22.0±1.0
Band66	10MHz	132622	1RB#0	21.87	22.0±1.0
Band66	10MHz	132622	1RB#24	23.06	23.0±1.0

Band66	10MHz	132622	1RB#24	22.16	22.0±1.0
Band66	10MHz	132622	1RB#49	22.77	22.0±1.0
Band66	10MHz	132622	1RB#49	21.95	22.0±1.0
Band66	10MHz	132622	25RB#0	22.00	22.0±1.0
Band66	10MHz	132622	25RB#0	21.01	22.0±1.0
Band66	10MHz	132622	25RB#12	22.00	22.0±1.0
Band66	10MHz	132622	25RB#12	20.94	21.0±1.0
Band66	10MHz	132622	25RB#25	21.83	22.0±1.0
Band66	10MHz	132622	25RB#25	20.88	21.0±1.0
Band66	10MHz	132622	50RB#0	21.88	22.0±1.0
Band66	10MHz	132622	50RB#0	20.88	21.0±1.0
Band66	15MHz	132047	1RB#0	23.35	23.0±1.0
Band66	15MHz	132047	1RB#0	22.27	22.0±1.0
Band66	15MHz	132047	1RB#38	23.23	23.0±1.0
Band66	15MHz	132047	1RB#38	22.07	22.0±1.0
Band66	15MHz	132047	1RB#74	23.13	23.0±1.0
Band66	15MHz	132047	1RB#74	22.20	22.0±1.0
Band66	15MHz	132047	38RB#0	21.67	22.0±1.0
Band66	15MHz	132047	38RB#0	21.74	22.0±1.0
Band66	15MHz	132047	38RB#18	21.82	22.0±1.0
Band66	15MHz	132047	38RB#18	21.77	22.0±1.0
Band66	15MHz	132047	38RB#37	21.37	22.0±1.0
Band66	15MHz	132047	38RB#37	21.35	22.0±1.0
Band66	15MHz	132047	75RB#0	21.93	22.0±1.0
Band66	15MHz	132047	75RB#0	20.89	21.0±1.0
Band66	15MHz	132322	1RB#0	23.30	23.0±1.0
Band66	15MHz	132322	1RB#0	22.26	22.0±1.0
Band66	15MHz	132322	1RB#38	23.20	23.0±1.0
Band66	15MHz	132322	1RB#38	22.26	22.0±1.0
Band66	15MHz	132322	1RB#74	23.04	23.0±1.0
Band66	15MHz	132322	1RB#74	22.35	22.0±1.0
Band66	15MHz	132322	38RB#0	22.35	22.0±1.0
Band66	15MHz	132322	38RB#0	22.18	22.0±1.0
Band66	15MHz	132322	38RB#18	22.74	22.0±1.0
Band66	15MHz	132322	38RB#18	22.74	22.0±1.0
Band66	15MHz	132322	38RB#37	22.46	22.0±1.0
Band66	15MHz	132322	38RB#37	22.35	22.0±1.0
Band66	15MHz	132322	75RB#0	22.00	22.0±1.0
Band66	15MHz	132322	75RB#0	20.92	21.0±1.0
Band66	15MHz	132597	1RB#0	23.05	23.0±1.0

Band66	15MHz	132597	1RB#0	22.13	22.0±1.0
Band66	15MHz	132597	1RB#38	23.02	23.0±1.0
Band66	15MHz	132597	1RB#38	22.01	22.0±1.0
Band66	15MHz	132597	1RB#74	22.95	22.0±1.0
Band66	15MHz	132597	1RB#74	22.02	22.0±1.0
Band66	15MHz	132597	38RB#0	22.03	22.0±1.0
Band66	15MHz	132597	38RB#0	21.94	22.0±1.0
Band66	15MHz	132597	38RB#18	22.70	22.0±1.0
Band66	15MHz	132597	38RB#18	22.76	22.0±1.0
Band66	15MHz	132597	38RB#37	21.84	22.0±1.0
Band66	15MHz	132597	38RB#37	21.84	22.0±1.0
Band66	15MHz	132597	75RB#0	22.01	22.0±1.0
Band66	15MHz	132597	75RB#0	20.82	21.0±1.0
Band66	20MHz	132072	1RB#0	23.44	23.0±1.0
Band66	20MHz	132072	1RB#0	22.53	22.0±1.0
Band66	20MHz	132072	1RB#49	23.46	23.0±1.0
Band66	20MHz	132072	1RB#49	22.82	22.0±1.0
Band66	20MHz	132072	1RB#99	23.11	23.0±1.0
Band66	20MHz	132072	1RB#99	22.64	22.0±1.0
Band66	20MHz	132072	50RB#0	21.87	22.0±1.0
Band66	20MHz	132072	50RB#0	21.02	22.0±1.0
Band66	20MHz	132072	50RB#25	21.93	22.0±1.0
Band66	20MHz	132072	50RB#25	20.82	21.0±1.0
Band66	20MHz	132072	50RB#50	22.08	22.0±1.0
Band66	20MHz	132072	50RB#50	21.00	22.0±1.0
Band66	20MHz	132072	100RB#0	21.78	22.0±1.0
Band66	20MHz	132072	100RB#0	20.67	21.0±1.0
Band66	20MHz	132322	1RB#0	23.13	22.0±1.0
Band66	20MHz	132322	1RB#0	21.79	22.0±1.0
Band66	20MHz	132322	1RB#49	23.18	22.0±1.0
Band66	20MHz	132322	1RB#49	21.78	22.0±1.0
Band66	20MHz	132322	1RB#99	23.07	23.0±1.0
Band66	20MHz	132322	1RB#99	22.14	22.0±1.0
Band66	20MHz	132322	50RB#0	22.12	22.0±1.0
Band66	20MHz	132322	50RB#0	21.10	22.0±1.0
Band66	20MHz	132322	50RB#25	22.09	22.0±1.0
Band66	20MHz	132322	50RB#25	21.16	22.0±1.0
Band66	20MHz	132322	50RB#50	22.00	22.0±1.0
Band66	20MHz	132322	50RB#50	21.08	22.0±1.0
Band66	20MHz	132322	100RB#0	22.00	22.0±1.0

Band66	20MHz	132322	100RB#0	21.02	22.0±1.0
Band66	20MHz	132572	1RB#0	22.94	22.0±1.0
Band66	20MHz	132572	1RB#0	22.34	22.0±1.0
Band66	20MHz	132572	1RB#49	23.42	23.0±1.0
Band66	20MHz	132572	1RB#49	22.29	22.0±1.0
Band66	20MHz	132572	1RB#99	22.83	22.0±1.0
Band66	20MHz	132572	1RB#99	22.22	22.0±1.0
Band66	20MHz	132572	50RB#0	22.10	22.0±1.0
Band66	20MHz	132572	50RB#0	21.13	22.0±1.0
Band66	20MHz	132572	50RB#25	22.11	22.0±1.0
Band66	20MHz	132572	50RB#25	21.12	22.0±1.0
Band66	20MHz	132572	50RB#50	22.05	22.0±1.0
Band66	20MHz	132572	50RB#50	21.06	22.0±1.0
Band66	20MHz	132572	100RB#0	22.02	22.0±1.0
Band66	20MHz	132572	100RB#0	21.02	22.0±1.0

11. Antenna Location



Positions for SAR tests; Body mode						
Antennas	**Front**	**Back**	**Top Side**	**Bottom Side**	**Left Side**	**Right Side**
LTE ANT	Yes	Yes	No	Yes	No	Yes

Distance of The Antenna to the EUT surface and edge						
Antennas	**Front**	**Back**	**Top Side**	**Bottom Side**	**Left Side**	**Right Side**
LTE ANT	<25mm	<25mm	>25mm	<25mm	>25mm	<25mm

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 D01v06, 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 D01v06, for each exposure position, if the highest output channel reported SAR≤0.8W/kg, other channels SAR testing are not necessary

12.1. Body-worn SAR Results

<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)
	Band 2	10MHz	Left	0	19150	1905.0	24.32	24.50	1.007	N/A	N/A	N/A
	Band 2	10MHz	Right	0	19150	1905.0	24.32	24.50	1.007	0.02	0.247	0.249
	Band 2	10MHz	Top	0	19150	1905.0	24.32	24.50	1.007	N/A	N/A	N/A
	Band 2	10MHz	Bottom	0	19150	1905.0	24.32	24.50	1.007	0.01	0.211	0.212
#1	Band 2	10MHz	Front	0	19150	1905.0	24.32	24.50	1.007	0.06	0.316	**0.318**
	Band 2	10MHz	Back	0	19150	1905.0	24.32	24.50	1.007	-0.02	0.256	0.258

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)
	Band 4	1.4MHz	Left	0	20393	1754.3	24.04	24.50	1.019	N/A	N/A	N/A
	Band 4	1.4MHz	Right	0	20393	1754.3	24.04	24.50	1.019	0.04	0.261	0.266
	Band 4	1.4MHz	Top	0	20393	1754.3	24.04	24.50	1.019	N/A	N/A	N/A
	Band 4	1.4MHz	Bottom	0	20393	1754.3	24.04	24.50	1.019	-0.02	0.194	0.198
#1	Band 4	1.4MHz	Front	0	20393	1754.3	24.04	24.50	1.019	0.01	0.286	**0.291**
	Band 4	1.4MHz	Back	0	20393	1754.3	24.04	24.50	1.019	0.03	0.231	0.235

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)
	Band 5	1.4MHz	Left	0	20525	836.5	24.27	24.50	1.009	N/A	N/A	N/A
	Band 5	1.4MHz	Right	0	20525	836.5	24.27	24.50	1.009	0.07	0.256	0.258
	Band 5	1.4MHz	Top	0	20525	836.5	24.27	24.50	1.009	N/A	N/A	N/A
	Band 5	1.4MHz	Bottom	0	20525	836.5	24.27	24.50	1.009	-0.03	0.294	0.297
#1	Band 5	1.4MHz	Front	0	20525	836.5	24.27	24.50	1.009	0.02	0.341	**0.344**
	Band 5	1.4MHz	Back	0	20525	836.5	24.27	24.50	1.009	0.01	0.282	0.285

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)
	Band 12	1.4MHz	Left	0	23095	707.5	24.68	25.00	1.013	N/A	N/A	N/A
	Band 12	1.4MHz	Right	0	23095	707.5	24.68	25.00	1.013	0.05	0.312	0.316
	Band 12	1.4MHz	Top	0	23095	707.5	24.68	25.00	1.013	N/A	N/A	N/A
	Band 12	1.4MHz	Bottom	0	23095	707.5	24.68	25.00	1.013	0.04	0.310	0.314
#1	Band 12	1.4MHz	Front	0	23095	707.5	24.68	25.00	1.013	-0.02	0.376	**0.381**
	Band 12	1.4MHz	Back	0	23095	707.5	24.68	25.00	1.013	0.01	0.323	0.327

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)
	Band 13	5MHz	Left	0	23205	779.5	24.80	25.00	1.013	N/A	N/A	N/A
	Band 13	5MHz	Right	0	23205	779.5	24.80	25.00	1.013	-0.05	0.243	0.246
	Band 13	5MHz	Top	0	23205	779.5	24.80	25.00	1.013	N/A	N/A	N/A
	Band 13	5MHz	Bottom	0	23205	779.5	24.80	25.00	1.013	0.03	0.221	0.224
#1	Band 13	5MHz	Front	0	23205	779.5	24.80	25.00	1.013	0.01	0.284	**0.288**
	Band 13	5MHz	Back	0	23205	779.5	24.80	25.00	1.013	-0.01	0.232	0.235

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)
	Band 66	1.4MHz	Left	0	132665	1779.3	23.86	24.00	1.006	N/A	N/A	N/A
	Band 66	1.4MHz	Right	0	132665	1779.3	23.86	24.00	1.006	-0.06	0.267	0.269
	Band 66	1.4MHz	Top	0	132665	1779.3	23.86	24.00	1.006	N/A	N/A	N/A
	Band 66	1.4MHz	Bottom	0	132665	1779.3	23.86	24.00	1.006	-0.04	0.294	0.296
#1	Band 66	1.4MHz	Front	0	132665	1779.3	23.86	24.00	1.006	-0.02	0.336	**0.338**
	Band 66	1.4MHz	Back	0	132665	1779.3	23.86	24.00	1.006	-0.01	0.286	0.288

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

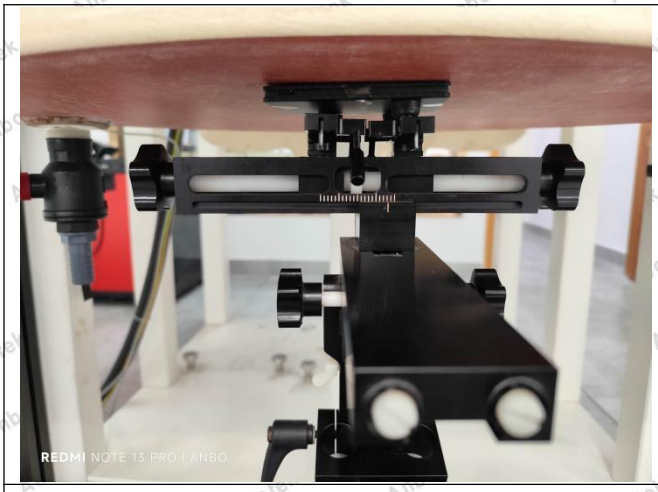
No.	Applicable Simultaneous Transmission
1.	N/A

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				11.4%	11.3%	236
Expanded uncertainty(P=95%)				$U_c = k\,U$,k=2			**22.8%**	**22.6%**	

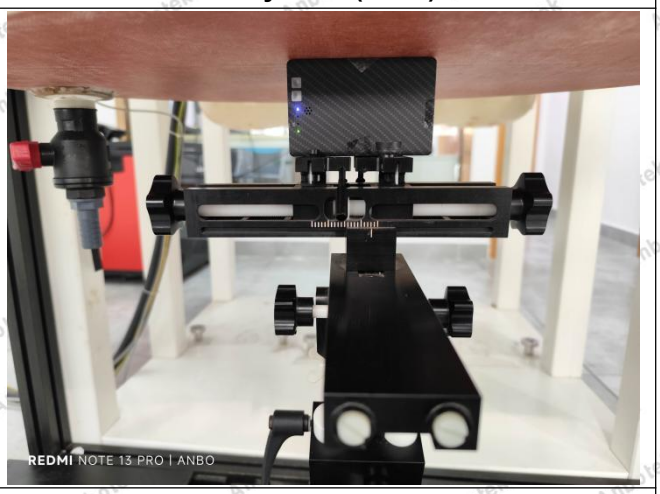
Appendix A. EUT Photos and Test Setup Photos



Body Front(0mm)

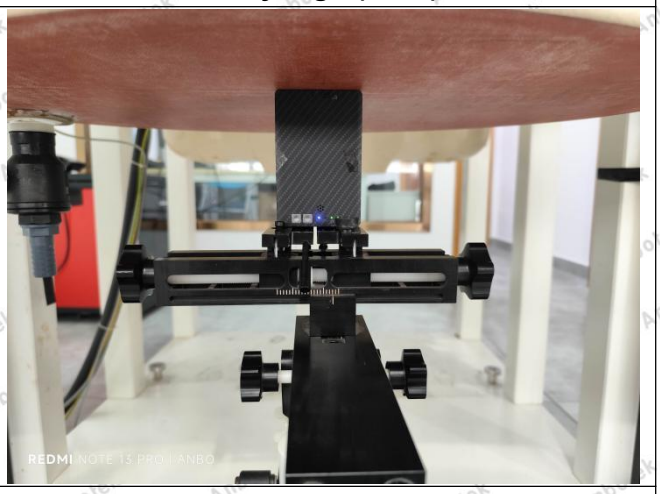
Body Back(0mm)

Body Left(0mm)



Body Right(0mm)

Body Top(0mm)



Body Bottom(0mm)

Appendix B:Plots of SAR System Check

750MHz Head System Check Date:11/01/2024

DUT: Dipole 750 MHz; Type: D750V2; Serial: 4d154

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 750 MHz; σ = 0.90 S/m; ε_r = 42.34; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.82, 9.82, 9.82); Calibrated: May 06.2024;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.02,2024;
- 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) = 2.892 W/kg

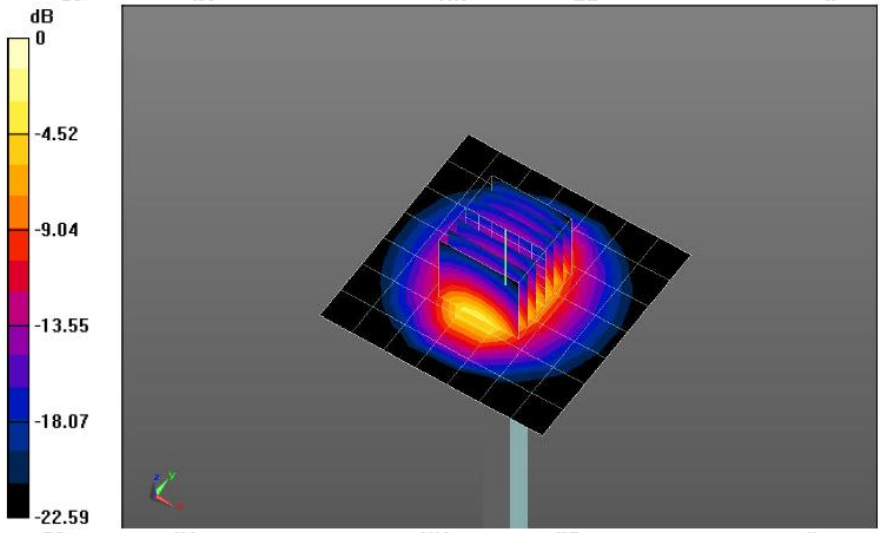
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.236 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.251 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.879 W/kg



835MHz Head System Check Date:11/01/2024

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 = 0.91 S/m; ε_r = 42.23; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.71, 9.71, 9.71); Calibrated: May 06.2024;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.02,2024;
- 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) = 2.892 W/kg

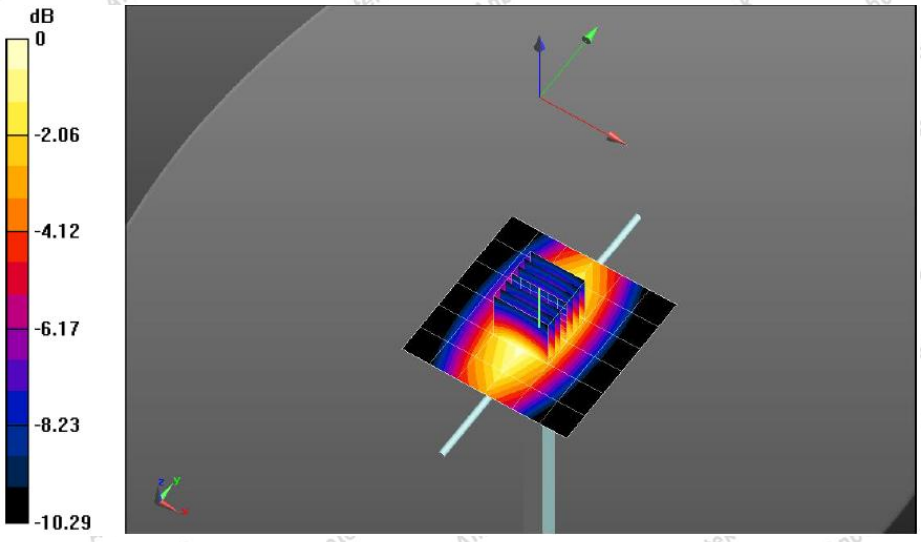
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.236 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.251 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 2.879 W/kg



1750MHz Head System Check Date: 11/01/2024

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

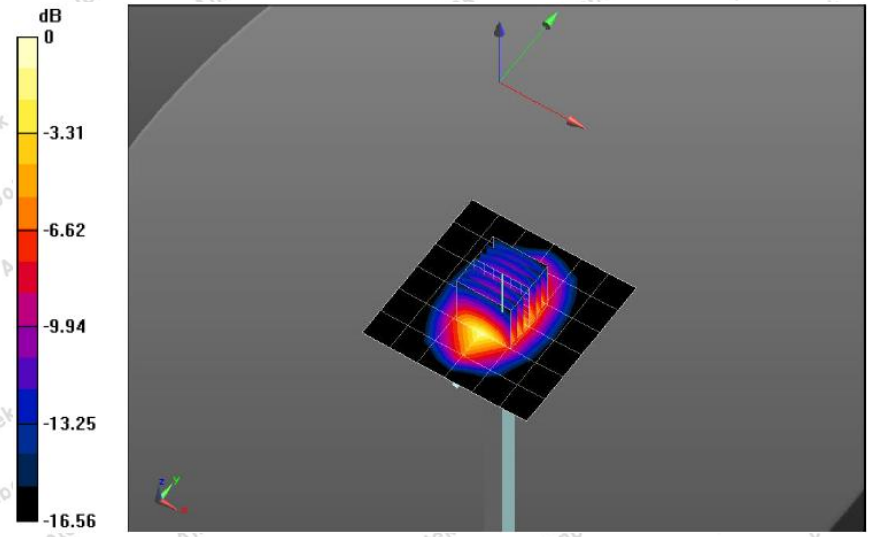
Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f =1750 MHz; σ =1.33 S/m; εr =40.29; ρ =1000 kg/m3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.61, 8.61, 8.61); Calibrated: May,06.2024;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.02.2024;
- 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) = 12.1 W/kg

Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.828 W/kg
SAR(1 g) =9.72 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 12.0 W/kg



1900MHz Head System Check Date: 11/01/2024

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 = 1.42S/m; εr = 40.16; ρ = 1000 kg/m3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.13, 8.13, 8.13); Calibrated: May 06.2024;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: Sep.02,2024;
- 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) = 16.365 W/kg

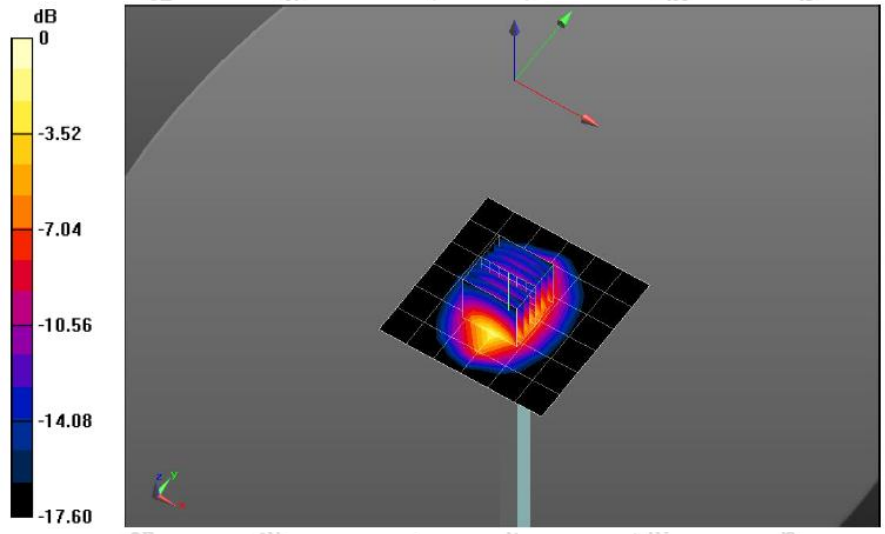
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.414 V/m; Power Drift = -0.12dB

Peak SAR (extrapolated) = 19.622 W/kg

SAR(1 g) = 10.14 W/kg; SAR(10 g) = 5.32 W/kg

Maximum value of SAR (measured) = 15.11 W/kg



Appendix C:Plots of SAR Test Data

#1 Date: 11/01/2024

LTE_Band 2_Front_Ch19150

Communication System: UID 0, wifi (fcc) (0); Frequency: 1905 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1905 MHz; σ = 1.42 S/m; ε_r = 40.16; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(8.13, 8.13, 8.13); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.263 W/kg

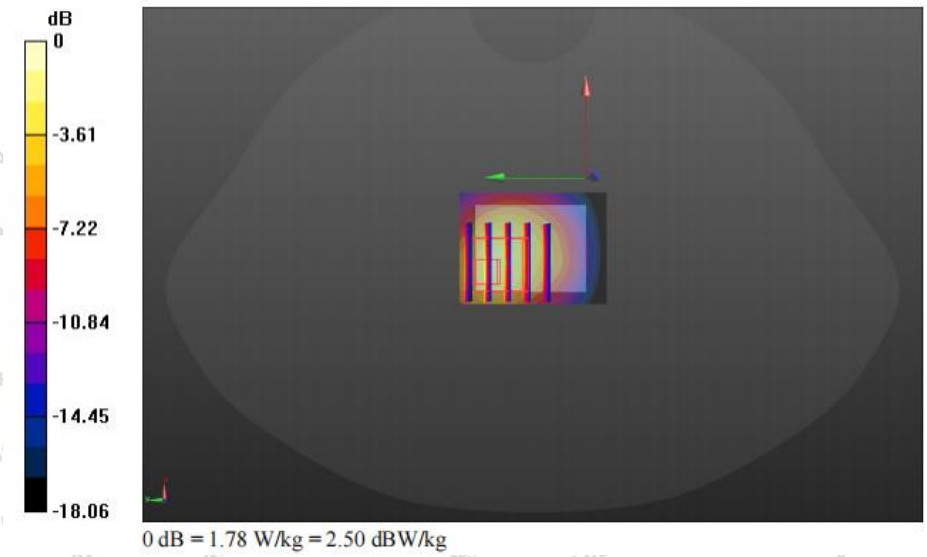
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.834 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.387 W/kg



#2 Date: 11/01/2024

LTE_Band 4_Front_Ch20939

Communication System: UID 0, wifi (fcc) (0); Frequency: 1754.3 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1754.3 MHz; σ = 1.33 S/m; ε_r = 40.29; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(8.61, 8.61, 8.61); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.213 W/kg

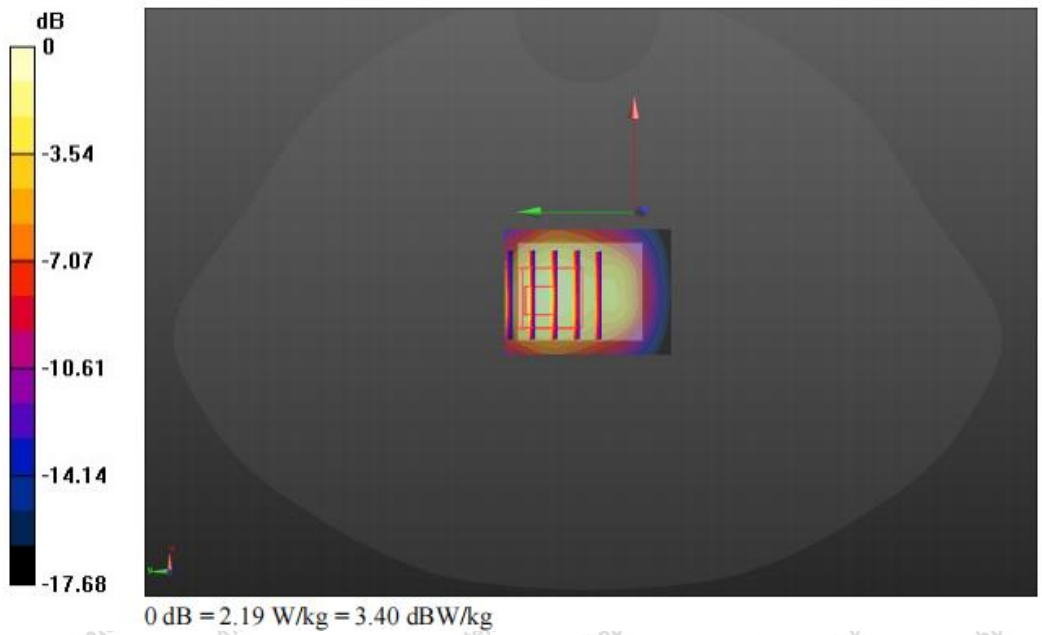
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.784 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

#3 Date: 11/02/2024

LTE_Band 5_Front_Ch20525

Communication System: UID 0, wifi (fcc) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 836.5 MHz; σ =0.91 S/m; ε_r = 42.23; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(9.71, 9.71, 9.71); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.225 W/kg

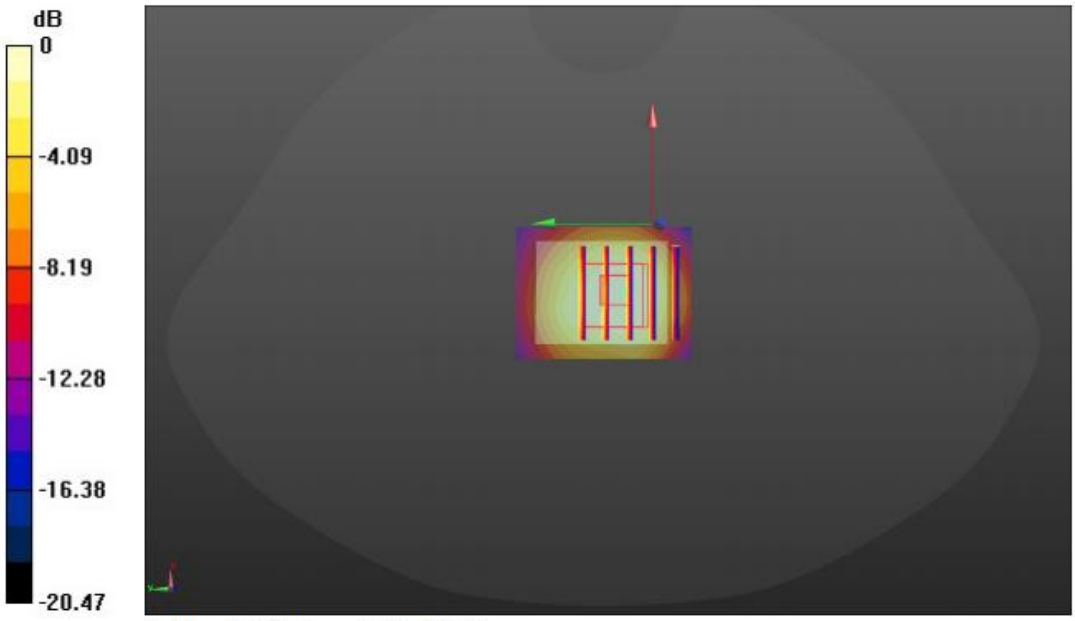
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.828 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 3.40 W/kg = 5.31 dBW/kg

#4 Date: 11/02/2024

LTE_Band 12_Front_Ch23095

Communication System: UID 0, wifi (fcc) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 707.5 MHz; σ =0.90 S/m; ε_r = 42.34; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(9.82, 9.82, 9.82); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.283 W/kg

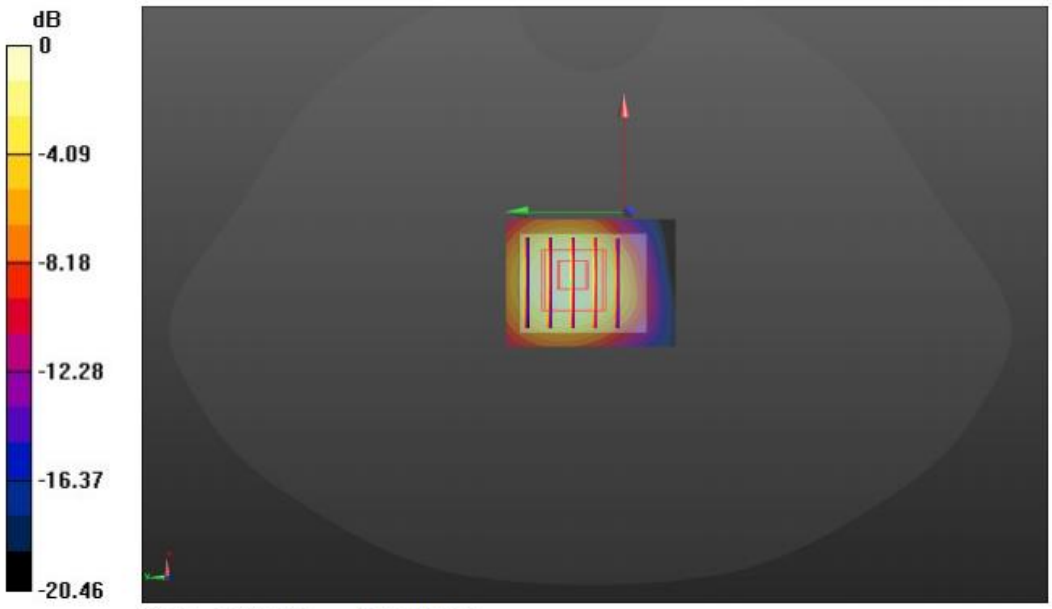
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.756 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.387 W/kg



0 dB = 3.44 W/kg = 5.37 dBW/kg

#5 Date: 11/02/2024

LTE_Band 13_Front_Ch23205

Communication System: UID 0, wifi (fcc) (0); Frequency: 779.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 779.5 MHz; σ =0.90 S/m; ε_r = 42.34; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(9.82, 9.82, 9.82); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.312 W/kg

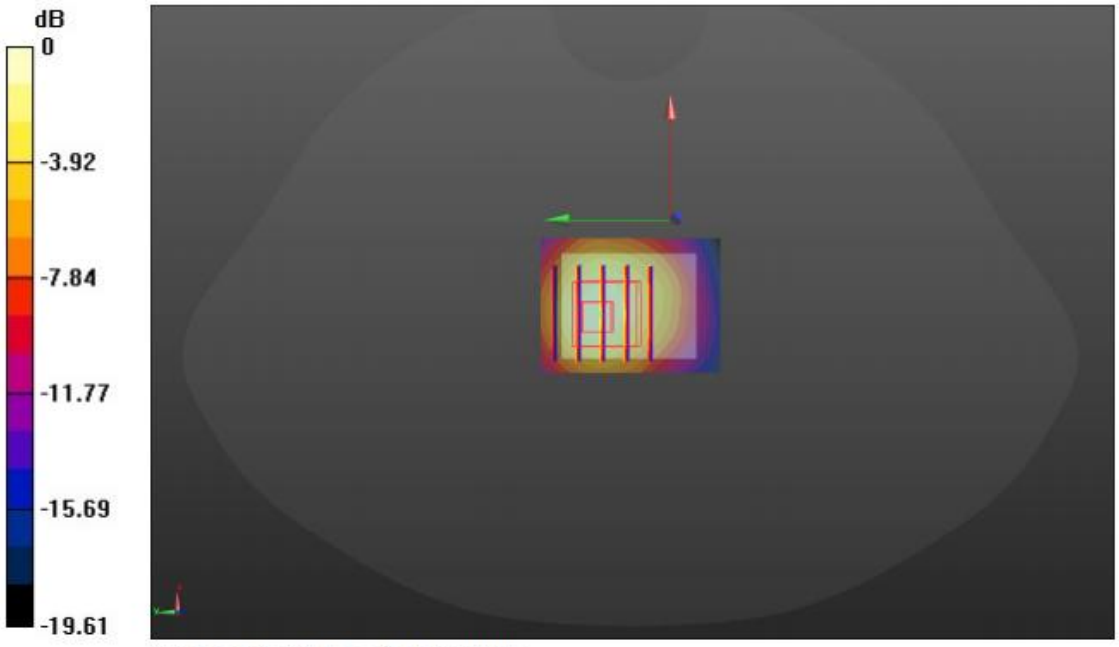
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.784 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 2.71 W/kg = 4.33 dBW/kg

#6 Date: 11/02/2024

LTE_Band 66_Front_Ch132665

Communication System: UID 0, wifi (fcc) (0); Frequency: 1779.3 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f =1779.3 MHz; σ =1.33 S/m; ε_r = 40.29; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

•Probe: EX3DV4 - SN7396; ConvF(8.81, 8.81, 8.81); Calibrated: May 06,2024;

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

•Electronics: DAE4 Sn387; Calibrated: Sep.02,2024

•Phantom: SAM 1; Type: SAM;

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

BODY/ Right /Area Scan (91x161x1): Measurement grid: dx=1.00mm, dy=1.00mm

Maximum value of SAR (measured) = 0.254 W/kg

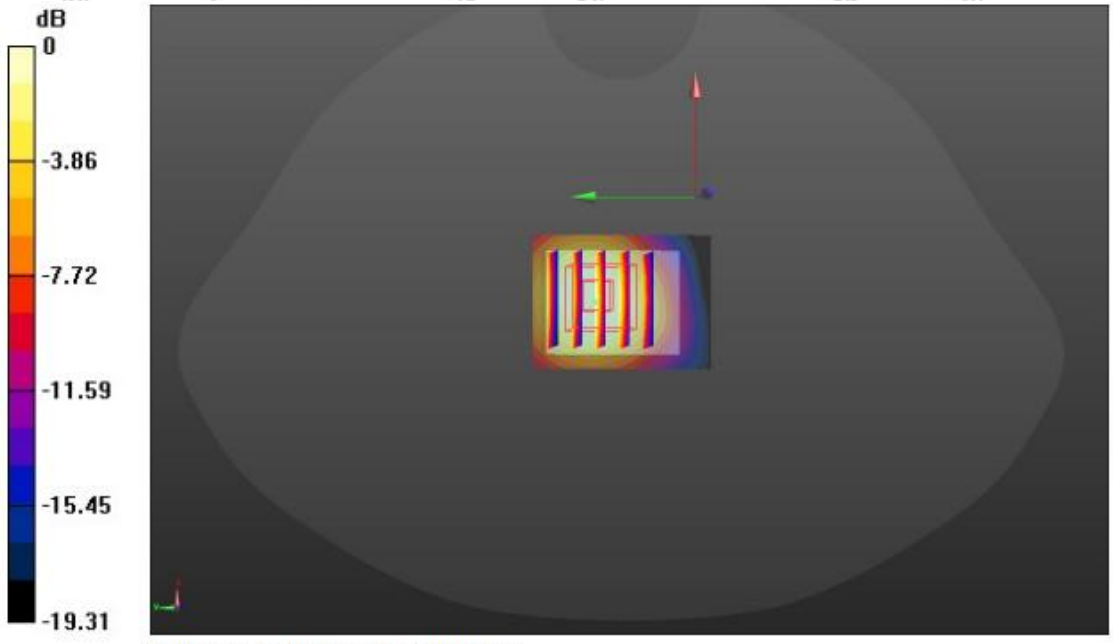
BODY/Right /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.689 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

Appendix D.DASY System Calibration Certificate

Schmid & Partner Engineering AG
s p e a g
Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

IMPORTANT NOTICE

USAGE OF THE DAE 4

The DAE unit is a delicate, high precision instrument and requires careful treatment by the user. There are no serviceable parts inside the DAE. Special attention shall be given to the following points:

Battery Exchange: The battery cover of the DAE4 unit is closed using a screw, over tightening the screw may cause the threads inside the DAE to wear out.

Shipping of the DAE: Before shipping the DAE to SPEAG for calibration, remove the batteries and pack the DAE in an antistatic bag. This antistatic bag shall then be packed into a larger box or container which protects the DAE from impacts during transportation. The package shall be marked to indicate that a fragile instrument is inside.

E-Stop Failures: Touch detection may be malfunctioning due to broken magnets in the E-stop. Rough handling of the E-stop may lead to damage of these magnets. Touch and collision errors are often caused by dust and dirt accumulated in the E-stop. To prevent E-stop failure, the customer shall always mount the probe to the DAE carefully and keep the DAE unit in a non-dusty environment if not used for measurements.

Repair: Minor repairs are performed at no extra cost during the annual calibration. However, SPEAG reserves the right to charge for any repair especially if rough unprofessional handling caused the defect.

DASY Configuration Files: Since the exact values of the DAE input resistances, as measured during the calibration procedure of a DAE unit, are not used by the DASY software, a nominal value of 200 MOhm is given in the corresponding configuration file.

Important Note:
Warranty and calibration is void if the DAE unit is disassembled partly or fully by the Customer.

Important Note:
Never attempt to grease or oil the E-stop assembly. Cleaning and readjusting of the E-stop assembly is allowed by certified SPEAG personnel only and is part of the annual calibration procedure.

Important Note:
To prevent damage of the DAE probe connector pins, use great care when installing the probe to the DAE. Carefully connect the probe with the connector notch oriented in the mating position. Avoid any rotational movement of the probe body versus the DAE while turning the locking nut of the connector. The same care shall be used when disconnecting the probe from the DAE.

Schmid & Partner Engineering

TN_BR040315AD DAE4.doc 11.12.2009

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client Anbotek (Auden)

Certificate No: DAE4-387_Sep02

CALIBRATION CERTIFICATE

Object	DAE4 - SD 000 D04 BM - SN: 387
Calibration procedure(s)	QA CAL-06.v29 Calibration procedure for the data acquisition electronics (DAE)
Calibration date:	September 02, 2024

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	15-Aug-24 (No:22092)	Aug-24
Secondary Standards	**ID #**	**Check Date (in house)**	**Scheduled Check**
Auto DAE Calibration Unit	SE UWS 053 AA 1001	05-Jan-24 (in house check)	In house check: Jan-24
Calibrator Box V2.1	SE UMS 006 AA 1002	05-Jan-24 (in house check)	In house check: Jan-24

	Name	Function	Signature
Calibrated by:	Dominique Steffen	Laboratory Technician	
Approved by:	Sven Kühn	Deputy Manager	

Issued: September 02, 2024

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Glossary

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- *DC Voltage Measurement:* Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle*: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
  - *DC Voltage Measurement Linearity:* Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
  - *Common mode sensitivity:* Influence of a positive or negative common mode voltage on the differential measurement.
  - *Channel separation:* Influence of a voltage on the neighbor channels not subject to an input voltage.
  - *AD Converter Values with inputs shorted:* Values on the internal AD converter corresponding to zero input voltage
  - *Input Offset Measurement*: Output voltage and statistical results over a large number of zero voltage measurements.
  - *Input Offset Current:* Typical value for information; Maximum channel input offset current, not considering the input resistance.
  - *Input resistance:* Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
  - *Low Battery Alarm Voltage:* Typical value for information. Below this voltage, a battery alarm signal is generated.
  - *Power consumption:* Typical value for information. Supply currents in various operating modes.

DC Voltage Measurement

A/D - Converter Resolution nominal

High Range:	1LSB =	6.1μV ,	full range =	-100...+300 mV
Low Range:	1LSB =	61nV ,	full range =	-1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	404.489 ± 0.02% (k=2)	404.852 ± 0.02% (k=2)	404.862 ± 0.02% (k=2)
Low Range	3.97827 ± 1.50% (k=2)	3.95875 ± 1.50% (k=2)	3.97982 ± 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	53.0 ° ± 1 °

Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range		Reading (μV)	Difference (μV)	Error (%)
Channel X	+ Input	200032.85	-3.31	-0.00
Channel X	+ Input	20007.64	1.88	0.01
Channel X	- Input	-20003.48	1.18	-0.01
Channel Y	+ Input	200034.23	-1.43	-0.00
Channel Y	+ Input	20006.60	0.91	0.00
Channel Y	- Input	-20004.04	0.72	-0.00
Channel Z	+ Input	200035.38	-0.83	-0.00
Channel Z	+ Input	20003.69	-2.11	-0.01
Channel Z	- Input	-20006.38	-1.59	0.01

Low Range		Reading (μV)	Difference (μV)	Error (%)
Channel X	+ Input	2001.63	0.08	0.00
Channel X	+ Input	202.29	0.70	0.35
Channel X	- Input	-197.90	0.60	-0.30
Channel Y	+ Input	2001.33	-0.07	-0.00
Channel Y	+ Input	200.86	-0.60	-0.30
Channel Y	- Input	-199.87	-1.23	0.62
Channel Z	+ Input	2001.61	0.27	0.01
Channel Z	+ Input	200.60	-0.70	-0.35
Channel Z	- Input	-199.51	-0.85	0.43

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (μV)	Low Range Average Reading (μV)
Channel X	200	13.50	11.56
	- 200	-8.64	-11.18
Channel Y	200	-0.81	-1.28
	- 200	1.05	0.09
Channel Z	200	7.17	6.91
	- 200	-9.46	-9.01

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (μV)	Channel Y (μV)	Channel Z (μV)
Channel X	200	-	-1.70	0.33
Channel Y	200	10.70	-	-0.38
Channel Z	200	7.11	7.89	-

4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	15969	17466
Channel Y	15661	16162
Channel Z	15990	16190

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec
Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	0.73	-2.58	3.29	0.62
Channel Y	0.41	-0.49	1.23	0.40
Channel Z	-0.80	-1.88	0.30	0.42

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	–0.01	-8	-9

In Collaboration with
CALIBRATION LABORATORY
Add: No.51 Xueyuan Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2218 Fax: +86-10-62304633-2209
E-mail: cttl@chinattl.com Http://www.chinattl.cn

中国认可 国际互认 校准 CALIBRATION CNAS L0570

Client **Anbotek (Auden)** **Certificate No: Z24-98671**

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7396
Calibration Procedure(s)	FF-Z12-006-08 Calibration Procedures for Dosimetric E-field Probes
Calibration date:	May 06 , 2024

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)℃ and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	101919	20-Jun-23 (CTTL, No.J23X07447)	Jun-23
Power sensor NRP-Z91	101547	20-Jun-23 (CTTL, No.J23X07447)	Jun-23
Power sensor NRP-Z91	101548	20-Jun-23 (CTTL, No.J23X07447)	Jun-23
Reference10dBAttenuator	18N50W-10dB	13-Mar-24(CTTL,No.J24X01547)	Mar-24
Reference20dBAttenuator	18N50W-20dB	13-Mar-24(CTTL, No.J24X01548)	Mar-24
Reference Probe EX3DV4	SN 7433	26-Sep-23(SPEAG,No.EX3-7433_Sep22)	Sep-23
DAE4	SN 549	13-Dec-23(SPEAG, No.DAE4-549_Dec22)	Dec -23
Secondary Standards	**ID #**	**Cal Date(Calibrated by, Certificate No.)**	**Scheduled Calibration**
SignalGeneratorMG3700A	6201052605	27-Jun-23 (CTTL, No.J23X04776)	Jun-23
Network Analyzer E5071C	MY46110673	13-Jan-24 (CTTL, No.J24X00285)	Jan -24

	Name	Function	Signature
Calibrated by:	Yu Zongying	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: May06 , 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Probe EX3DV4

SN: 7396

Calibrated: May 06, 2024

Calibrated for DASY/EASY Systems

(Note: non-compatible with DASY2 system!)

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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7396

Calibration Parameter Determined in Head Tissue Simulating Media

f [MHz][C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unct. (k=2)
750	41.9	0.89	9.82	9.82	9.82	0.30	0.85	±12.1%
835	41.5	0.90	9.71	9.71	9.71	0.15	1.36	±12.1%
900	41.5	0.97	9.87	9.87	9.87	0.16	1.37	±12.1%
1750	40.1	1.37	8.61	8.61	8.61	0.25	1.04	±12.1%
1900	40.0	1.40	8.13	8.13	8.13	0.24	1.01	±12.1%
2100	39.8	1.49	8.14	8.14	8.14	0.24	1.04	±12.1%
2300	39.5	1.67	7.85	7.85	7.85	0.40	0.75	±12.1%
2450	39.2	1.80	7.57	7.57	7.57	0.50	0.75	±12.1%
2600	39.0	1.96	7.38	7.38	7.38	0.64	0.68	±12.1%
5250	35.9	4.71	5.33	5.33	5.33	0.45	1.30	±13.3%
5600	35.5	5.07	4.89	4.89	4.89	0.45	1.35	±13.3%
5750	35.4	5.22	4.92	4.92	4.92	0.45	1.45	±13.3%

[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequency below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ±5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7396

Calibration Parameter Determined in Body Tissue Simulating Media

f [MHz][C]	Relative Permittivity[F]	Conductivity (S/m)[F]	ConvF X	ConvF Y	ConvF Z	Alpha[G]	Depth[G] (mm)	Unct. (k=2)
750	55.5	0.96	10.09	10.09	10.09	0.30	0.90	±12.1%
835	55.2	0.97	9.88	9.88	9.88	0.19	1.32	±12.1%
900	55.0	1.05	9.82	9.82	9.82	0.23	1.15	±12.1%
1750	53.4	1.49	8.24	8.24	8.24	0.24	1.06	±12.1%
1900	53.3	1.52	7.97	7.97	7.97	0.19	1.24	±12.1%
2100	53.2	1.62	8.18	8.18	8.18	0.19	1.39	±12.1%
2300	52.9	1.81	7.88	7.88	7.88	0.55	0.80	±12.1%
2450	52.7	1.95	7.53	7.53	7.53	0.46	0.89	±12.1%
2600	52.5	2.16	7.38	7.38	7.38	0.52	0.80	±12.1%
5250	48.9	5.36	4.93	4.93	4.93	0.45	1.80	±13.3%
5600	48.5	5.77	4.19	4.19	4.19	0.48	1.90	±13.3%
5750	48.3	5.94	4.52	4.52	4.52	0.48	1.95	±13.3%

[C] Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

[F] At frequency below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ε and σ) is restricted to ±5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

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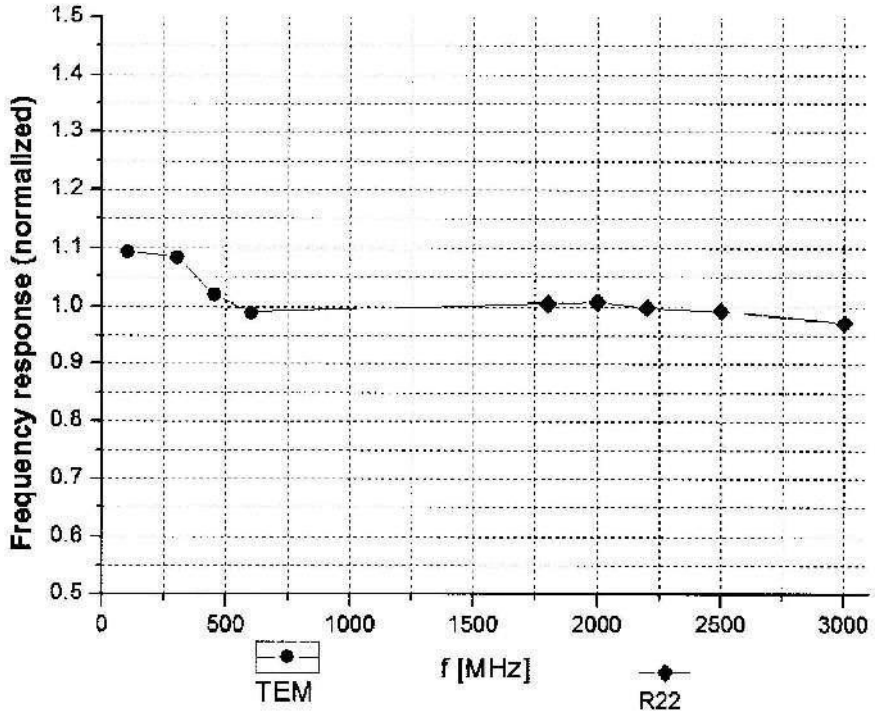
Frequency Response of E-Field
(TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: ±7.4% (k=2)

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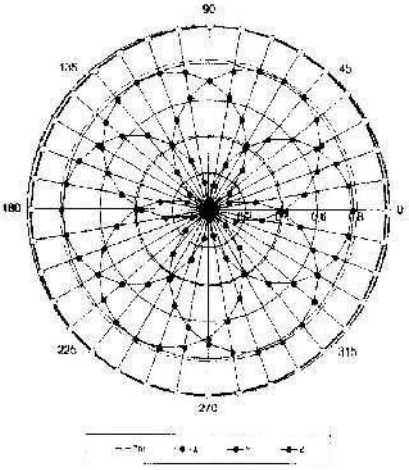
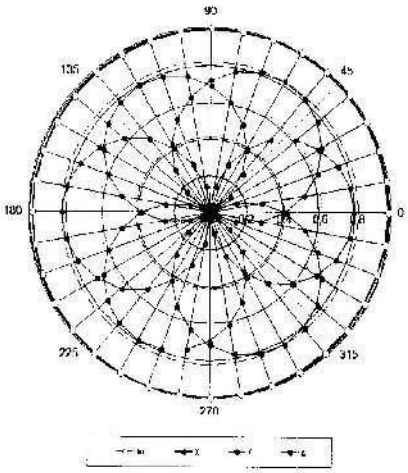
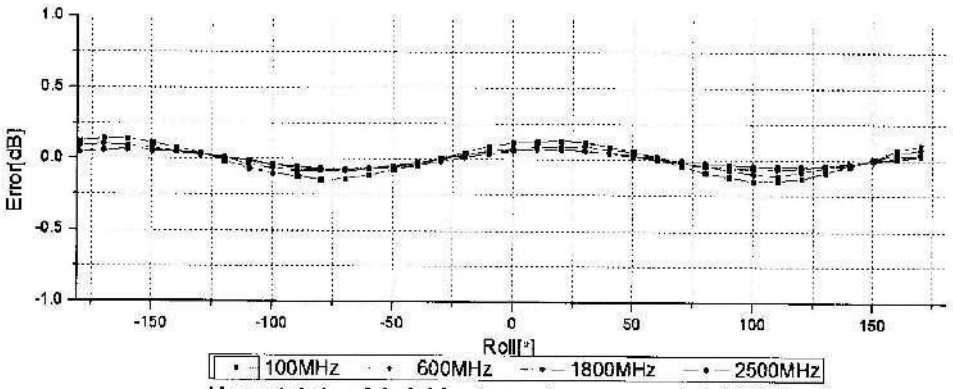
Receiving Pattern (Φ), θ=0°

f=600 MHz, TEM



f=1800 MHz, R22





Uncertainty of Axial Isotropy Assessment: ±1.2% (k=2)

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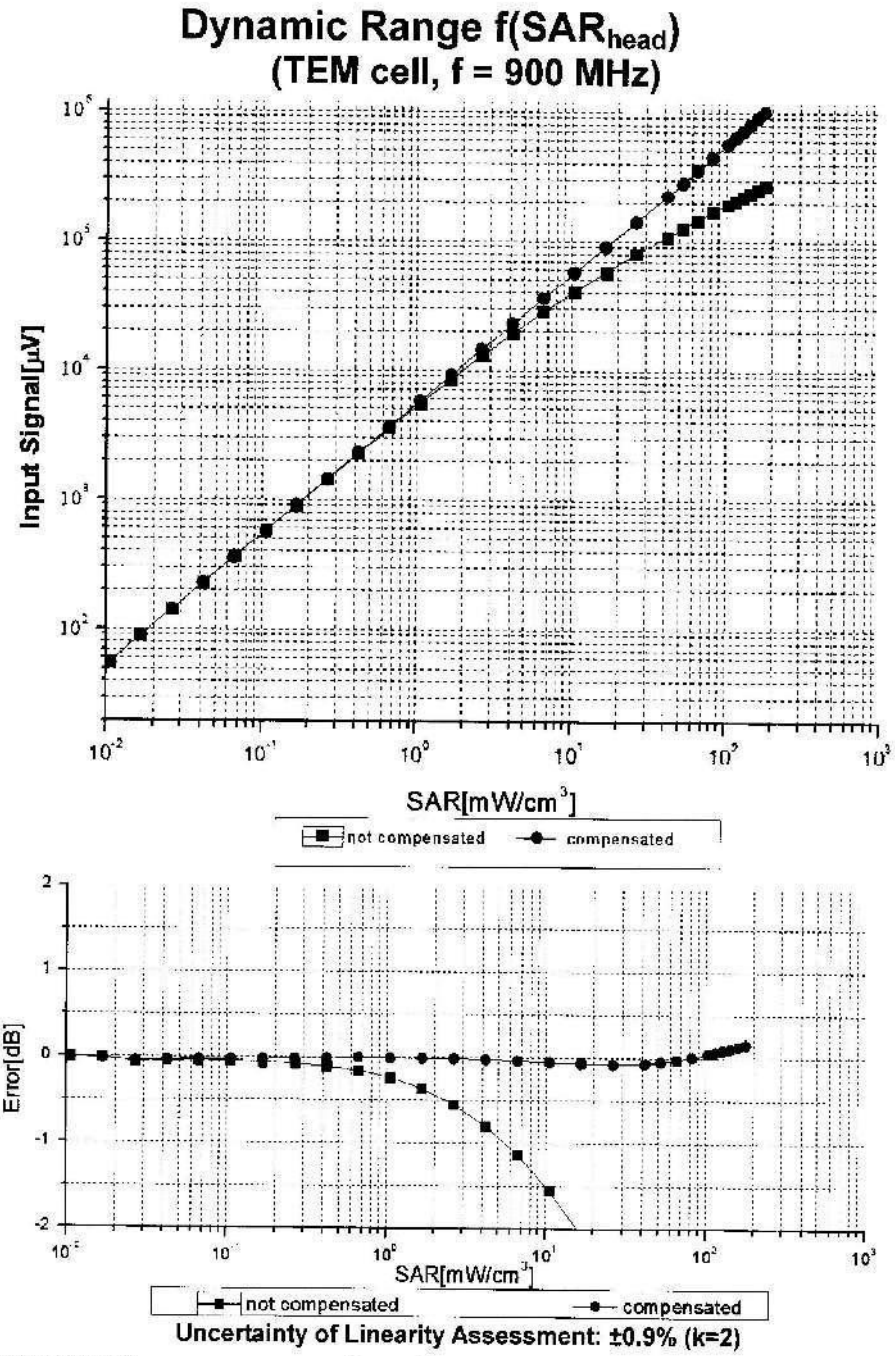

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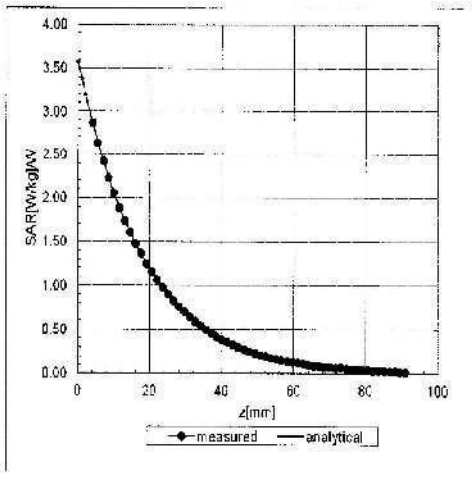
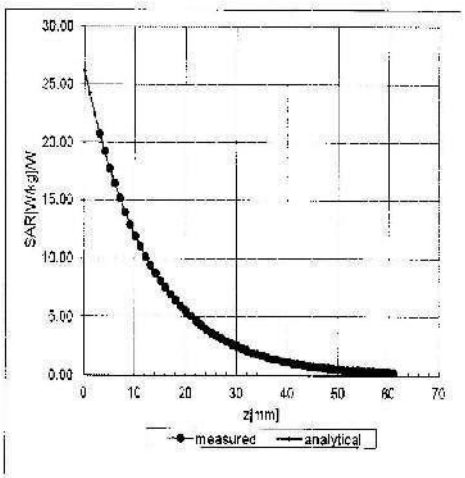
Conversion Factor Assessment

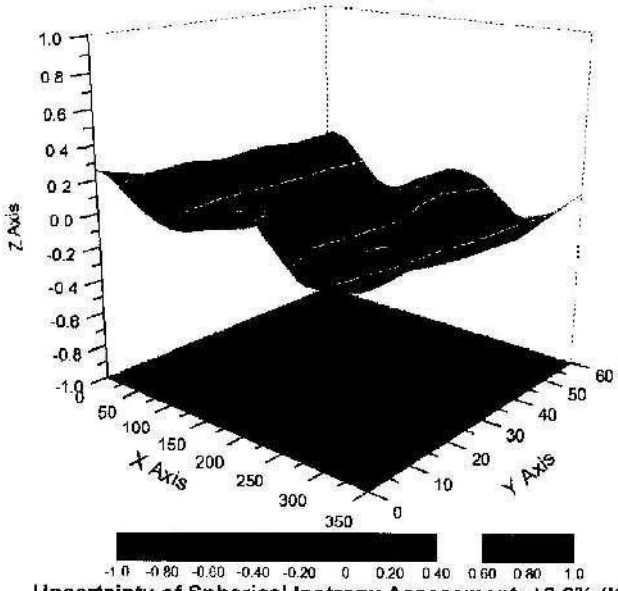
f=900 MHz, WGLS R9(H_convF)



f=1750 MHz, WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: ±3.2% (K=2)

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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7396

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	156.9
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disable
Probe Overall Length	337mm
Probe Body Diameter	10mm
Tip Length	9mm
Tip Diameter	2.5mm
Probe Tip to Sensor X Calibration Point	1mm
Probe Tip to Sensor Y Calibration Point	1mm
Probe Tip to Sensor Z Calibration Point	1mm
Recommended Measurement Distance from Surface	1.4mm