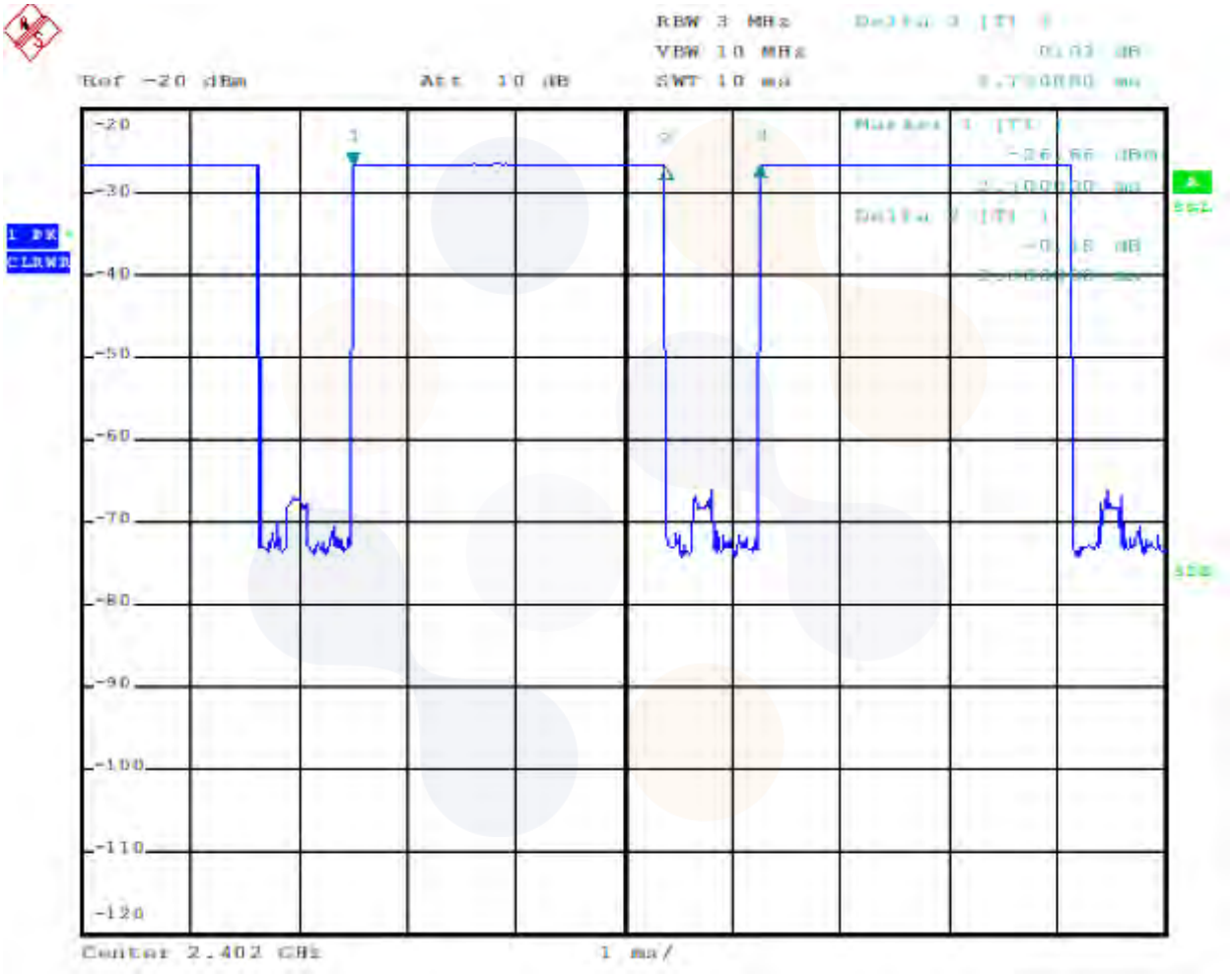
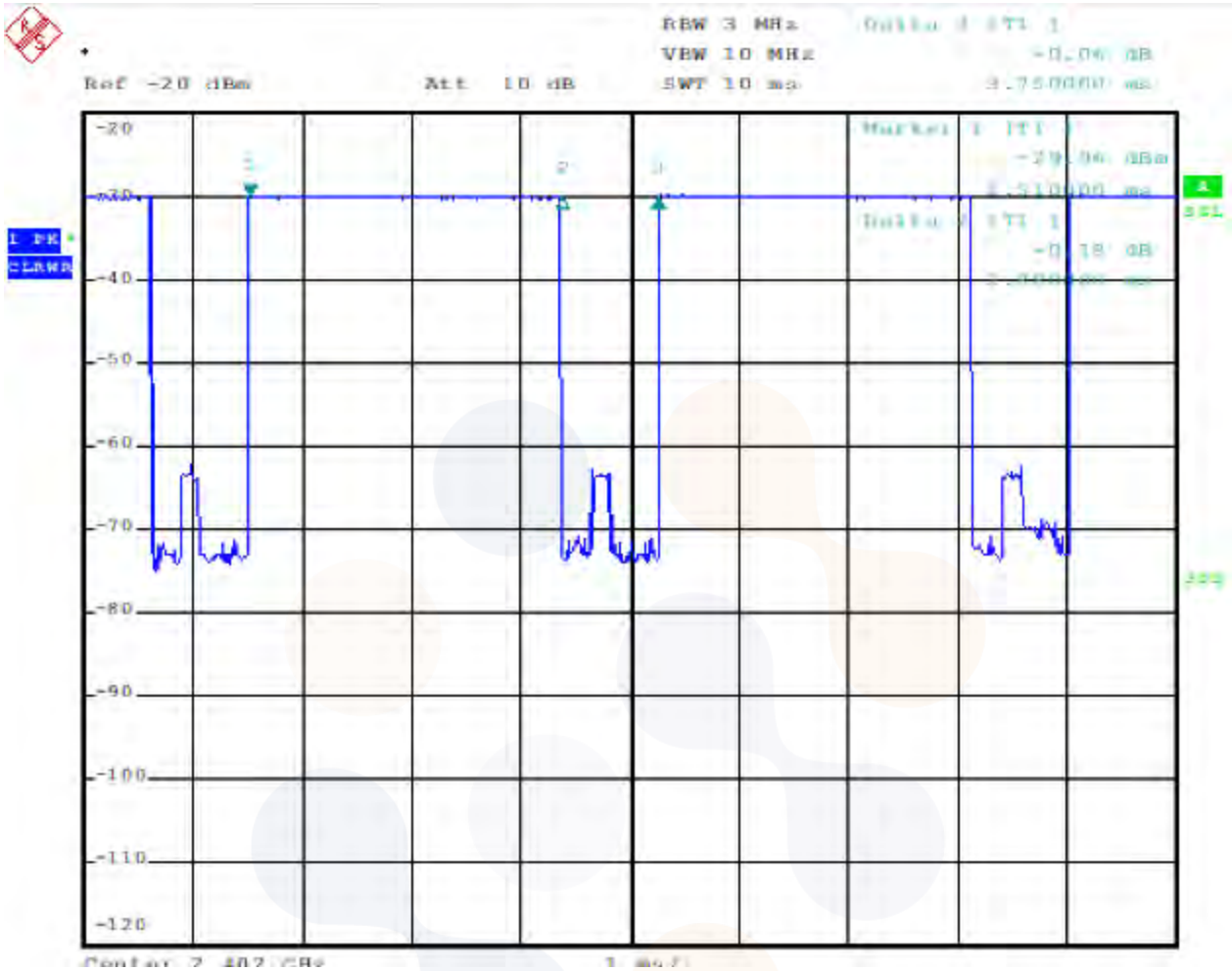
10.7 Bluetooth Duty Plot

Wireless Bands/ Ant.		Frequency Bands		On, Off Time		Duty Cycle		
		Mode	Packet	On Time (ms)	On-Off Time (ms)	Duty Cycle (%)	Declaration Duty Cycle (%)	Duty Cycle Compensate Factor
Bluetooth	Ant.1/ Ant.2	BDR (GFSK)	DH5	2.88	3.75	76.80	78.0	1.016

[Ant.1]



[Ant.2]


RBW 3 MHz
VBW 10 MHz
SWT 10 ms
Ref -20 dBm
Att 10 dB
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120

11. System Verification

11.1 Measurement date and environment

Shield room	Date	Environment	
		Temperature (°C)	Humidity (%)
8F – 1	2025-01-13	21.5 ~ 21.6	54.7 ~ 55.2
	2025-01-15	21.4 ~ 21.7	55.4 ~ 55.5
	2025-01-17	21.5 ~ 21.7	55.6 ~ 55.9
	2025-01-18	21.5 ~ 21.9	55.5 ~ 56.2
	2025-01-22	21.5 ~ 21.8	54.9 ~ 55.3
	2025-02-06	21.4 ~ 21.6	55.7 ~ 56.1
	2025-02-07	21.4 ~ 21.9	55.8 ~ 56.3
	2025-02-12	21.5 ~ 21.8	54.5 ~ 54.9
	2025-02-15	21.5 ~ 21.7	54.6 ~ 55.2
	2025-02-16	21.4 ~ 22.2	55.2 ~ 55.5
	2025-02-17	21.5 ~ 22.1	55.1 ~ 55.4
	2025-02-18	21.5 ~ 21.9	54.9 ~ 55.0
	2025-02-19	21.6 ~ 21.9	55.9 ~ 56.2
	2025-02-20	21.6 ~ 21.7	55.7 ~ 55.9
	2025-02-21	21.4 ~ 21.8	55.8 ~ 56.7
	2025-02-28	21.6 ~ 21.8	56.2 ~ 56.5
8F – 2	2025-01-03	21.3 ~ 21.4	54.1 ~ 54.3
	2025-01-09	21.2 ~ 21.3	55.6 ~ 56.8
	2025-01-10	21.5 ~ 21.4	55.4 ~ 55.2
	2025-01-20	21.3 ~ 21.4	55.3 ~ 55.8
	2025-01-31	21.2 ~ 21.3	54.3 ~ 54.0
	2025-02-03	21.1 ~ 21.4	54.6 ~ 55.0
	2025-02-06	21.4 ~ 21.8	54.5 ~ 53.8
	2025-02-14	21.2 ~ 21.5	55.1 ~ 55.4
	2025-02-20	21.1 ~ 21.5	53.7 ~ 54.9
8F – 3	2025-01-23	21.2 ~ 21.4	43.2 ~ 48.9
8F – 4	2025-01-03	22.4 ~ 22.6	55.9 ~ 56.0
	2025-01-06	22.3 ~ 22.6	56.1 ~ 56.3
	2025-01-08	22.3 ~ 22.7	56.2~ 56.4
	2025-01-17	22.3 ~ 22.5	55.9 ~ 56.0
	2025-01-22	22.4 ~ 22.5	55.7 ~ 55.8
	2025-03-11	21.9 ~ 22.4	55.5 ~ 56.7
8F – 6	2025-01-06	21.3 ~ 22.0	55.5 ~ 55.6
	2025-02-27	21.1 ~ 22.3	56.1 ~ 56.3
	2025-03-04	21.2 ~ 21.5	55.5 ~ 56.0
	2025-03-05	21.2 ~ 21.8	55.8 ~ 56.1
	2025-03-06	22.0 ~ 22.3	55.2 ~ 55.9

11.2 Tissue Verification

The dielectric properties for this Tissue Simulant Liquids were measured by using the SPEAG Model DAK3.5 Dielectric Probe in conjunction with Agilent E5071B Network Analyzer (300 kHz – 8 500 ㎒). The Conductivity (σ) and Permittivity (ρ) are listed in Table 1.For the SAR measurement given in this report. The temperature variation of the Tissue Simulant Liquids was (22 ± 2) ℃.

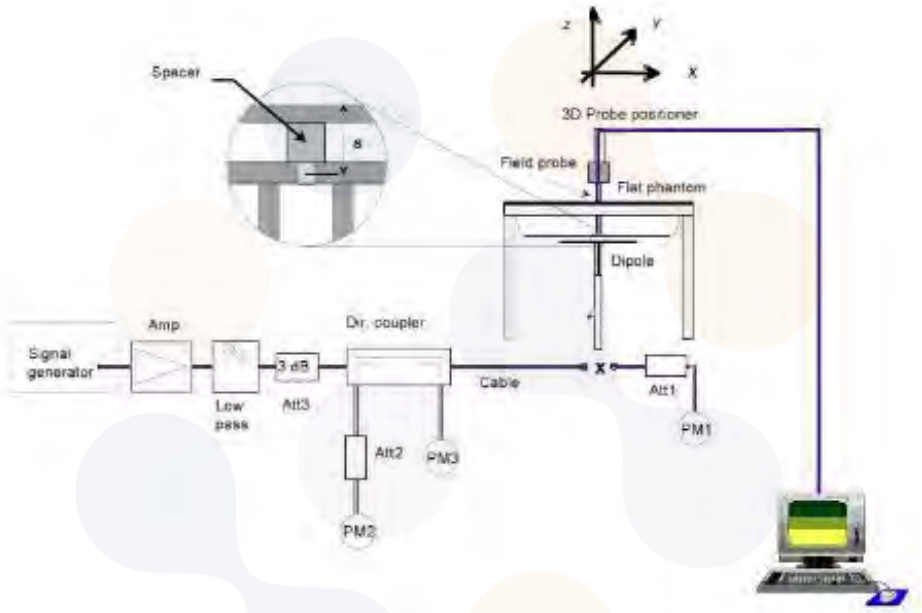
Freq. (㎒)	Date	Permittivity (ρ)	Conductivity (σ)	Temp. (°C)
				22 ± 2
13.0	2025-01-23	55.00 ± 5 % (52.25~57.75)	0.75 ± 5 % (0.71~0.79)	21.26
		55.90	0.72	
750.0	Date	41.90 ± 5 % (39.81 ~ 44.00)	0.89 ± 5 % (0.85 ~ 0.93)	22 ± 2
	2025-01-03	40.10	0.91	21.33
	2025-01-06	43.90	0.89	21.33
	2025-01-09	40.43	0.92	21.33
	2025-01-15	43.36	0.88	21.65
	2025-01-20	40.60	0.91	21.37
850.0	Date	41.50 ± 5 % (39.43 ~ 43.58)	0.92 ± 5 % (0.87 ~ 0.96)	22 ± 2
	2025-01-06	41.40	0.94	21.33
	2025-01-09	39.64	0.95	21.27
	2025-01-13	40.42	0.92	21.58
	2025-02-27	43.10	0.89	21.48
1 750.0	Date	40.07 ± 5 % (38.07~42.07)	1.37 ± 5 % (1.30~1.44)	22 ± 2
	2025-01-08	40.94	1.32	21.58
	2025-01-10	39.85	1.32	21.50
	2025-01-15	41.10	1.36	21.47
	2025-01-31	41.96	1.34	21.28
	2025-02-14	40.30	1.35	21.30
1 900.0	Date	40.00 ± 5 % (38.00 ~ 42.00)	1.40 ± 5 % (1.33 ~ 1.47)	22 ± 2
	2025-01-10	39.62	1.43	21.50
	2025-01-17	41.34	1.38	21.61
	2025-01-22	39.30	1.37	21.44
	2025-01-22	38.69	1.43	21.61
	2025-01-31	38.24	1.45	21.25
	2025-02-14	38.53	1.43	21.23
2 300.0	Date	39.46 ± 5 % (37.49~41.43)	1.67 ± 5 % (1.59~1.75)	22 ± 2
	2025-01-17	37.97	1.72	21.48
	2025-01-18	39.30	1.66	21.41
	2025-02-03	39.24	1.73	21.19
	2025-02-06	38.39	1.70	21.49
	2025-02-20	39.03	1.72	21.43
2 450.0	Date	39.20 ± 5 % (37.24~41.16)	1.80 ± 5 % (1.71~1.89)	22 ± 2
	2025-03-04	38.40	1.85	21.51
	2025-03-11	37.66	1.80	21.54
2 600.0	Date	39.00 ± 5 % (37.05~40.95)	1.96 ± 5 % (1.86~2.06)	22 ± 2
	2025-01-03	38.18	1.93	21.57
	2025-01-06	37.84	1.94	21.59
	2025-02-03	38.45	1.99	21.19
	2025-02-06	37.99	2.03	21.48
	2025-02-14	38.25	1.94	21.28

Freq. (㎒)	Date	Permittivity (ρ)	Conductivity (σ)	Temp. (°C)
				22 ± 2
3 500.0	Date	37.90 ± 5 % (36.01 ~ 39.80)	2.91 ± 5 % (2.76 ~ 3.06)	22 ± 2
	2025-02-12	39.03	2.85	21.42
	2025-02-15	37.33	2.80	21.55
	2025-02-17	37.39	2.86	21.50
	2025-02-18	37.43	2.82	21.56
	2025-02-19	37.45	2.83	21.51
	2025-02-21	37.43	2.83	21.57
3 700.0	Date	37.70 ± 5 % (35.82 ~ 39.59)	3.12 ± 5 % (2.96 ~ 3.28)	22 ± 2
	2025-02-07	36.91	3.01	21.49
	2025-02-12	38.72	3.00	21.42
	2025-02-15	37.03	3.12	21.55
	2025-02-16	37.08	3.02	23.47
	2025-02-17	37.10	3.07	21.50
	2025-02-18	37.18	3.03	21.56
	2025-02-19	37.18	3.04	21.51
	2025-02-20	36.25	3.04	21.56
	2025-02-21	37.14	3.04	21.57
	2025-02-28	37.74	3.10	21.49
3 900.0	Date	37.50 ± 5 % (35.63 ~ 39.38)	3.33 ± 5 % (3.16 ~ 3.50)	22 ± 2
	2025-02-15	36.62	3.21	21.55
	2025-02-17	36.75	3.24	21.50
	2025-02-18	36.82	3.20	21.56
	2025-02-19	36.82	3.21	21.51
	2025-02-21	36.80	3.21	21.57
5 250.0	2025-03-05	35.95 ± 5 % (34.15~37.75)	4.71 ± 5 % (4.47~4.95)	21.60
		35.40	4.79	
5 600.0	2025-03-05	35.50 ± 5 % (33.73~37.28)	5.07 ± 5 % (4.82~5.32)	21.60
		34.60	5.22	
5 800.0	2025-03-06	35.30 ± 5 % (33.54~37.07)	5.27 ± 5 % (5.01~5.53)	21.48
		34.20	5.44	

<Table 1. Measurement result of Tissue electric parameters>

11.3 Test System Verification

The microwave circuit arrangement for system verification is sketched below picture.
The daily system accuracy verification occurs within the flat section of the SAM phantom.
A SAR measurement was performed to see if the measured SAR was within ± 10% from the target SAR values. The tests were conducted on the same days as the measurement of the EUT. The obtained results from the system accuracy verification are displayed in the Table 2.
During the tests, the ambient temperature of the laboratory was in the range (22 ± 2) ℃, the relative humidity was in the range(50 ± 20)% and the liquid depth Above the ear/grid referen ce points was above 15 cm in all the cases. It is seen that the system is operating within it s specification, as the results are within acceptable tolerance of the reference values.



Frequency (㎒)	Tissue Type	Verification Kit	Probe S/N	Limit/Measured (Maxized to 1 W)	
				Measured	10g
13.0	HSL	CLA13 SN: 1019	EX3DV4 SN: 3928	Recommended Limit (Normalized)	0.338 ± 10 % (0.30 ~ 0.37)
				2025-01-23	0.326

Frequency (㎒)	Tissue Type	Verification Kit	Probe S/N	Limit/Measured (Normalized to 1 W)	
				Measured	1g
750.0	HSL	D750V3 SN:1224	EX3DV4 SN: 7772	Recommended Limit (Normalized)	8.52 ± 10 % (7.67~9.37)
				2025-01-03	8.64
			EX3DV4 SN: 3697	2025-01-06	8.68
			EX3DV4 SN: 7772	2025-01-09	8.76
			EX3DV4 SN: 7840	2025-01-15	8.72
			EX3DV4 SN: 7772	2025-01-20	8.32
850.0	HSL	D850V2 SN: 1030	EX3DV4 SN: 3697	Recommended Limit (Normalized)	9.99 ± 10 % (8.99~10.99)
				2025-01-06	10.52
			EX3DV4 SN: 7772	2025-01-09	10.32
			EX3DV4 SN: 7840	2025-01-13	9.40
			EX3DV4 SN: 7851	2025-02-27	10.16
1 750.0	HSL	D1750V2 SN:1195	EX3DV4 SN: 7770	Recommended Limit (Normalized)	37.00 ± 10 % (33.30~40.70)
				2025-01-08	37.84
			EX3DV4 SN: 7772	2025-01-10	37.08
			EX3DV4 SN: 7840	2025-01-15	37.16
			EX3DV4 SN: 7772	2025-01-31	36.28
				2025-02-14	36.52
1 900.0	HSL	D1900V2 SN: 5d248	EX3DV4 SN: 7772	Recommended Limit (Normalized)	39.70 ± 10 % (35.73~43.67)
				2025-01-10	40.80
			EX3DV4 SN: 7840	2025-01-17	40.80
				2025-01-22	40.40
			EX3DV4 SN: 7770	2025-01-22	39.12
			EX3DV4 SN: 7772	2025-01-31	39.16
				2025-02-14	40.40
2 300.0	HSL	D2300V2 SN:1109	EX3DV4 SN: 7770	Recommended Limit (Normalized)	51.40 ± 10 % (46.26~56.54)
				2025-01-17	49.50
			EX3DV4 SN: 7840	2025-01-18	48.30
			EX3DV4 SN: 7772	2025-02-03	47.70
			EX3DV4 SN: 7540	2025-02-06	46.50
			EX3DV4 SN: 7772	2025-02-20	50.30

Frequency (㎒)	Tissue Type	Verification Kit	Probe S/N	Limit/Measured (Normalized to 1 W)	
				Measured	1g
2 450.0	HSL	D2450V2 SN: 1091	EX3DV4 SN: 7851	Recommended Limit (Normalized)	51.40 ± 10 % (46.26~56.54)
				2025-03-04	52.00
			EX3DV4 SN: 3928	2025-03-11	54.10
2 600.0	HSL	D2600V2 SN:1200	EX3DV4 SN: 7770	Recommended Limit (Normalized)	57.30 ± 10 % (51.57~63.03)
				2025-01-03	57.30
				2025-01-06	55.80
			EX3DV4 SN: 7772	2025-02-03	57.40
				2025-02-06	59.50
				2025-02-14	59.10
3 500.0	HSL	D3500V2 SN: 1146	EX3DV4 SN: 7540	Recommended Limit (Normalized)	65.70 ± 10 % (59.13~72.27)
				2025-02-12	67.40
				2025-02-15	67.70
				2025-02-17	66.50
				2025-02-18	65.60
				2025-02-19	64.50
				2025-02-21	64.20
3 700.0	HSL	D3700V2 SN: 1027	EX3DV4 SN: 7540	Recommended Limit (Normalized)	68.20 ± 10 % (61.38~75.02)
				2025-02-07	69.00
				2025-02-12	66.90
				2025-02-15	69.10
				2025-02-16	68.20
				2025-02-17	71.30
				2025-02-18	69.40
				2025-02-19	69.60
				2025-02-20	67.80
				2025-02-21	68.00
				2025-02-28	71.10
3 900.0	HSL	D3700V2 SN: 1043	EX3DV4 SN: 7540	Recommended Limit (Normalized)	69.10 ± 10 % (62.19~76.01)
				2025-02-15	74.00
				2025-02-17	70.00
				2025-02-18	69.60
				2025-02-19	71.80
				2025-02-21	70.10
5 250.0	HSL	D5GHzV2 SN: 1134	EX3DV4 SN: 7851	Recommended Limit (Normalized)	79.00 ± 10 % (71.10~86.90)
				2025-03-05	80.00
5 600.0				Recommended Limit (Normalized)	82.40 ± 10 % (74.16~90.64)
				2025-03-05	83.80
5 800.0				Recommended Limit (Normalized)	78.60 ± 10 % (70.74~86.46)
				2025-03-06	79.60

<Table 2. System Verification Result>

12. SAR Test Results

12.1 Standalone Body SAR Test Results

WCDMA Band II									
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
RMC	Grip Sensor off								
	Rear	19	1 880.0	23.00	24.00	1.259	0.730	0.919	
			1 852.4	23.21		1.199	0.783	0.939	
			1 907.6	23.05		1.245	0.692	0.862	
	Right	0	1 880.0	23.00	24.00	1.259	0.669	0.842	
			1 852.4	23.21		1.199	0.641	0.769	
			1 907.6	23.05		1.245	0.638	0.794	
	Top	18	1 880.0	23.00	24.00	1.259	0.899	**1.132**	1
			1 852.4	23.21		1.199	0.925	1.109	
			1 907.6	23.05		1.245	0.801	0.997	
	Grip Sensor on								
	Rear	0	1 880.0	11.05	12.00	1.245	0.545	0.679	
	Top		1 880.0	11.05	12.00	1.245	0.526	0.655	
	Repeated SAR Test								
	Top	18	1 852.4	23.21	24.00	1.199	0.914	1.096	

WCDMA Band IV									
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
RMC	Grip Sensor off								
	Rear	19	1 732.4	23.78	25.00	1.324	0.577	0.764	
	Right	0	1 732.4	23.78	25.00	1.324	0.223	0.295	
	Top	18	1 732.4	23.78	25.00	1.324	0.704	0.932	
			1 712.4	23.92		1.282	0.633	0.812	
			1 752.6	23.44		1.432	0.723	**1.035**	2
	Grip Sensor on								
	Rear	0	1 732.4	11.51	13.00	1.409	0.550	0.775	
	Top	0	1 732.4	11.51	13.00	1.409	0.339	0.478	

WCDMA Band V									
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
RMC	Grip Sensor off								
	Rear	19	836.6	23.74	25.00	1.337	0.278	0.372	
	Right	0	836.6	23.74	25.00	1.337	0.523	**0.699**	3
	Top	18	836.6	23.74	25.00	1.337	0.125	0.167	
	Grip Sensor on								
	Rear	0	836.6	14.07	15.00	1.239	0.271	0.336	
	Top		836.6	14.07	15.00	1.239	0.153	0.190	

LTE Band 5									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 25offset	Rear	19	836.5	23.98	25.00	1.265	0.278	0.352	
QPSK 10 ㎒ 25RB 0offset			836.5	22.99	24.00	1.262	0.209	0.264	
QPSK 10 ㎒ 1RB 25offset	Right	0	836.5	23.98	25.00	1.265	0.444	**0.562**	4
QPSK 10 ㎒ 25RB 0offset			836.5	22.99	24.00	1.262	0.331	0.418	
QPSK 10 ㎒ 1RB 25offset	Top	18	836.5	23.98	25.00	1.265	0.124	0.157	
QPSK 10 ㎒ 25RB 0offset			836.5	22.99	24.00	1.262	0.096	0.121	
LTE UL CA (5B)									
QPSK 10 ㎒ 1RB 0ofset	Right (PCC)	0	836.5	23.48	25.00	1.419	0.371	0.526	
QPSK 5 ㎒ 1RB 24ofset	Right (SCC)		829.3						

LTE Band 7									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 49offset	Rear	16	2 535.0	24.21	25.00	1.199	0.585	**0.701**	5
QPSK 20 ㎒ 50RB 0offset			2 535.0	23.29	24.00	1.178	0.480	0.565	
QPSK 20 ㎒ 1RB 49offset	Top	11	2 535.0	24.21	25.00	1.199	0.573	0.687	
QPSK 20 ㎒ 50RB 0offset			2 535.0	23.29	24.00	1.178	0.465	0.548	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	2 535.0	12.09	13.00	1.233	0.546	0.673	
QPSK 20 ㎒ 50RB 0offset			2 535.0	12.04	13.00	1.247	0.560	0.698	
QPSK 20 ㎒ 1RB 0offset	Top	0	2 535.0	12.09	13.00	1.233	0.175	0.216	
QPSK 20 ㎒ 50RB 0offset			2 535.0	12.04	13.00	1.247	0.189	0.236	

LTE Band 7 (Sub)									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 49offset	Rear	18	2 510.0	22.52	23.00	1.117	0.173	0.193	
QPSK 20 ㎒ 50RB 24offset			2 510.0	21.46	22.00	1.132	0.140	0.158	
QPSK 20 ㎒ 1RB 49offset	Right	0	2 510.0	22.52	23.00	1.117	0.186	0.208	
QPSK 20 ㎒ 50RB 24offset			2 510.0	21.46	22.00	1.132	0.150	0.170	
QPSK 20 ㎒ 1RB 49offset	Bottom	18	2 510.0	22.52	23.00	1.117	0.215	0.240	
QPSK 20 ㎒ 50RB 24offset			2 510.0	21.46	22.00	1.132	0.169	0.191	
Grip Sensor on									
QPSK 20 ㎒ 1RB 49offset	Rear	0	2 510.0	13.92	14.00	1.019	0.240	0.245	
QPSK 20 ㎒ 50RB 24offset			2 510.0	13.86	14.00	1.033	0.243	**0.251**	6
QPSK 20 ㎒ 1RB 49offset	Bottom	0	2 510.0	13.92	14.00	1.019	0.157	0.160	
QPSK 20 ㎒ 50RB 24offset			2 510.0	13.86	14.00	1.033	0.162	0.167	

LTE Band 12									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 0offset	Rear	19	707.5	23.56	25.00	1.393	0.097	0.135	
QPSK 10 ㎒ 25RB 0offset			707.5	22.56	24.00	1.393	0.078	0.109	
QPSK 10 ㎒ 1RB 0offset	Right	0	707.5	23.56	25.00	1.393	0.265	0.369	
QPSK 10 ㎒ 25RB 0offset			707.5	22.56	24.00	1.393	0.192	0.267	
QPSK 10 ㎒ 1RB 0offset	Top	18	707.5	23.56	25.00	1.393	0.061	0.085	
QPSK 10 ㎒ 25RB 0offset			707.5	22.56	24.00	1.393	0.044	0.061	
Grip Sensor on									
QPSK 10 ㎒ 1RB 0offset	Rear	0	707.5	15.91	17.00	1.285	0.309	0.397	
QPSK 10 ㎒ 25RB 12offset			707.5	15.64	17.00	1.368	0.301	**0.412**	7
QPSK 10 ㎒ 1RB 0offset	Top		707.5	15.91	17.00	1.285	0.207	0.266	
QPSK 10 ㎒ 25RB 12offset			707.5	15.64	17.00	1.368	0.137	0.187	

LTE Band 13									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 25offset	Rear	19	782.0	24.64	25.00	1.086	0.157	0.171	
QPSK 10 ㎒ 25RB 0offset			782.0	23.59	24.00	1.099	0.189	0.208	
QPSK 10 ㎒ 1RB 25offset	Right	0	782.0	24.64	25.00	1.086	0.425	**0.462**	8
QPSK 10 ㎒ 25RB 0offset			782.0	23.59	24.00	1.099	0.383	0.421	
QPSK 10 ㎒ 1RB 25offset	Top	18	782.0	24.64	25.00	1.086	0.085	0.092	
QPSK 10 ㎒ 25RB 0offset			782.0	23.59	24.00	1.099	0.071	0.078	
Grip Sensor on									
QPSK 10 ㎒ 1RB 0offset	Rear	0	782.0	14.70	15.00	1.072	0.234	0.251	
QPSK 10 ㎒ 25RB 12offset			782.0	14.52	15.00	1.117	0.240	0.268	
QPSK 10 ㎒ 1RB 0offset	Top	0	782.0	14.70	15.00	1.072	0.122	0.131	
QPSK 10 ㎒ 25RB 12offset			782.0	14.52	15.00	1.117	0.126	0.141	

LTE Band 14									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 25offset	Rear	19	793.0	24.62	25.00	1.091	0.174	0.190	
QPSK 10 ㎒ 25RB 25offset			793.0	23.55	24.00	1.109	0.158	0.175	
QPSK 10 ㎒ 1RB 25offset	Right	0	793.0	24.62	25.00	1.091	0.302	0.329	
QPSK 10 ㎒ 25RB 25offset			793.0	23.55	24.00	1.109	0.256	0.284	
QPSK 10 ㎒ 1RB 25offset	Top	18	793.0	24.62	25.00	1.091	0.059	0.064	
QPSK 10 ㎒ 25RB 25offset			793.0	23.55	24.00	1.109	0.051	0.057	
Grip Sensor on									
QPSK 10 ㎒ 1RB 49offset	Rear	0	793.0	16.87	17.00	1.030	0.408	0.420	
QPSK 10 ㎒ 25RB 25offset			793.0	16.59	17.00	1.099	0.411	**0.452**	9
QPSK 10 ㎒ 1RB 49offset	Top	0	793.0	16.87	17.00	1.030	0.226	0.233	
QPSK 10 ㎒ 25RB 25offset			793.0	16.59	17.00	1.099	0.211	0.232	

LTE Band 25									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 0offset	Rear	19	1 860.0	22.91	24.00	1.285	0.689	0.885	
QPSK 20 ㎒ 1RB 0offset			1 882.5	22.73		1.340	0.686	0.919	
QPSK 20 ㎒ 1RB 49offset			1 905.0	22.80		1.318	0.709	0.934	
QPSK 20 ㎒ 50RB 24offset			1 860.0	21.91	23.00	1.285	0.550	0.707	
QPSK 20 ㎒ 100RB 0offset			1 860.0	21.86	23.00	1.300	0.570	0.741	
QPSK 20 ㎒ 1RB 0offset	Right	0	1 860.0	22.91	24.00	1.285	0.529	0.680	
QPSK 20 ㎒ 50RB 24offset			1 860.0	21.91	23.00	1.285	0.433	0.556	
QPSK 20 ㎒ 1RB 0offset	Top	18	1 860.0	22.91	24.00	1.285	0.825	1.060	
QPSK 20 ㎒ 1RB 0offset			1 882.5	22.73		1.340	0.886	1.187	
QPSK 20 ㎒ 1RB 49offset			1 905.0	22.80		1.318	0.965	**1.272**	10
QPSK 20 ㎒ 50RB 24offset			1 860.0	21.91	23.00	1.285	0.668	0.858	
			1 882.5	21.79		1.321	0.723	0.955	
			1 905.0	21.80		1.318	0.764	1.007	
QPSK 20 ㎒ 100RB 0offset			1 860.0	21.86	23.00	1.300	0.691	0.898	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	1 860.0	11.81	12.50	1.172	0.507	0.594	
QPSK 20 ㎒ 50RB 0offset			1 860.0	11.67	12.50	1.211	0.585	0.708	
QPSK 20 ㎒ 1RB 0offset	Top	0	1 860.0	11.81	12.50	1.172	0.606	0.710	
QPSK 20 ㎒ 50RB 0offset			1 860.0	11.67	12.50	1.211	0.584	0.707	
Repeated SAR Test									
QPSK 20 ㎒ 1RB 49offset	Top	18	1 905.0	22.80	24.00	1.318	0.890	1.173	
Accessories (Protective Cover) Additional SAR Test									
QPSK 20 ㎒ 1RB 49offset	Top	18	1 905.0	22.80	24.00	1.318	0.787	1.037	

LTE Band 25 (Sub)									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 0offset	Rear	18	1 860.0	22.35	23.00	1.161	0.399	0.463	
QPSK 20 ㎒ 50RB 0offset			1 860.0	21.26	22.00	1.186	0.332	0.394	
QPSK 20 ㎒ 1RB 0offset	Right	0	1 860.0	22.35	23.00	1.161	0.115	0.134	
QPSK 20 ㎒ 50RB 0offset			1 860.0	21.26	22.00	1.186	0.086	0.102	
QPSK 20 ㎒ 1RB 0offset	Bottom	18	1 860.0	22.35	23.00	1.161	0.585	**0.679**	11
QPSK 20 ㎒ 50RB 0offset			1 860.0	21.26	22.00	1.186	0.503	0.597	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	1 860.0	13.42	13.50	1.019	0.300	0.306	
QPSK 20 ㎒ 50RB 0offset			1 860.0	13.37	13.50	1.030	0.291	0.300	
QPSK 20 ㎒ 1RB 0offset	Bottom	0	1 860.0	13.42	13.50	1.019	0.476	0.485	
QPSK 20 ㎒ 50RB 0offset			1 860.0	13.37	13.50	1.030	0.495	0.510	

LTE Band 26									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 15 ㎒ 1RB 36offset	Rear	19	831.5	22.71	24.00	1.346	0.159	0.214	
QPSK 15 ㎒ 36RB 18offset			831.5	21.68	23.00	1.355	0.135	0.183	
QPSK 15 ㎒ 1RB 36offset	Right	0	831.5	22.71	24.00	1.346	0.350	0.471	
QPSK 15 ㎒ 36RB 18offset			831.5	21.68	23.00	1.355	0.287	0.389	
QPSK 15 ㎒ 1RB 36offset	Top	18	831.5	22.71	24.00	1.346	0.095	0.128	
QPSK 15 ㎒ 36RB 18offset			831.5	21.68	23.00	1.355	0.079	0.107	
Grip Sensor on									
QPSK 15 ㎒ 1RB 0offset	Rear	0	831.5	16.68	17.00	1.076	0.463	0.498	
QPSK 15 ㎒ 36RB 0offset			831.5	16.42	17.00	1.143	0.455	**0.520**	12
QPSK 15 ㎒ 1RB 0offset	Top	0	831.5	16.68	17.00	1.076	0.210	0.226	
QPSK 15 ㎒ 36RB 0offset			831.5	16.42	17.00	1.143	0.218	0.249	

LTE Band 30									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 0offset	Rear	16	2 310.0	21.23	22.50	1.340	0.333	0.446	
QPSK 10 ㎒ 25RB 0offset			2 310.0	20.26	21.50	1.330	0.262	0.348	
QPSK 10 ㎒ 1RB 0offset	Top	11	2 310.0	21.23	22.50	1.340	0.353	0.473	
QPSK 10 ㎒ 25RB 0offset			2 310.0	20.26	21.50	1.330	0.271	0.360	
Grip Sensor on									
QPSK 10 ㎒ 1RB 25offset	Rear	0	2 310.0	10.97	12.00	1.268	0.621	0.787	
QPSK 10 ㎒ 25RB 12offset			2 310.0	10.87	12.00	1.297	0.635	**0.824**	13
QPSK 10 ㎒ 50RB 0offset			2 310.0	10.84	12.00	1.306	0.625	0.816	
QPSK 10 ㎒ 1RB 25offset	Top	0	2 310.0	10.97	12.00	1.268	0.214	0.271	
QPSK 10 ㎒ 25RB 12offset			2 310.0	10.87	12.00	1.297	0.210	0.272	

LTE Band 30 (Sub)									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 0offset	Rear	18	2 310.0	21.83	23.00	1.309	0.048	0.063	
QPSK 10 ㎒ 25RB 12offset			2 310.0	20.80	22.00	1.318	0.046	0.061	
QPSK 10 ㎒ 1RB 0offset	Right	0	2 310.0	21.83	23.00	1.309	0.149	0.195	
QPSK 10 ㎒ 25RB 12offset			2 310.0	20.80	22.00	1.318	0.145	0.191	
QPSK 10 ㎒ 1RB 0offset	Bottom	18	2 310.0	21.83	23.00	1.309	0.108	0.141	
QPSK 10 ㎒ 25RB 12offset			2 310.0	20.80	22.00	1.318	0.088	0.116	
Grip Sensor on									
QPSK 10 ㎒ 1RB 0offset	Rear	0	2 310.0	13.78	14.00	1.052	0.488	**0.513**	14
QPSK 10 ㎒ 25RB 0offset			2 310.0	13.76	14.00	1.057	0.464	0.490	
QPSK 10 ㎒ 1RB 0offset	Bottom	0	2 310.0	13.78	14.00	1.052	0.323	0.340	
QPSK 10 ㎒ 25RB 0offset			2 310.0	13.76	14.00	1.057	0.329	0.348	

LTE Band 41 (Power Class 3)									
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
Grip Sensor off									
QPSK 20 ㎒ 1RB 49offset	Rear	16	2 593.0	24.05	25.00	1.245	0.140	0.174	
QPSK 20 ㎒ 50RB 0offset			2 593.0	23.02	24.00	1.253	0.114	0.143	
QPSK 20 ㎒ 1RB 49offset	Top	11	2 593.0	24.05	25.00	1.245	0.298	0.371	
QPSK 20 ㎒ 50RB 0offset			2 593.0	23.02	24.00	1.253	0.229	0.287	
Grip Sensor on									
QPSK 20 ㎒ 1RB 99offset	Rear	0	2 680.0	14.22	14.50	1.067	0.587	0.626	
			2 506.0	13.96		1.132	0.624	0.706	
			2 549.5	13.86		1.159	0.613	0.710	
			2 593.0	13.69		1.205	0.636	0.766	
			2 636.5	13.52		1.253	0.618	0.774	
QPSK 20 ㎒ 50RB 24offset			2 680.0	13.99	14.50	1.125	0.605	0.681	
			2 506.0	13.98		1.127	0.718	0.809	
			2 549.5	13.97		1.130	0.679	0.767	
			2 593.0	13.78		1.180	0.670	0.791	
			2 636.5	13.53		1.250	0.652	**0.815**	15
QPSK 20 ㎒ 100RB 0offset			2 680.0	13.98	14.50	1.127	0.612	0.690	
QPSK 20 ㎒ 1RB 99offset	Top	0	2 680.0	14.22	14.50	1.067	0.101	0.108	
QPSK 20 ㎒ 50RB 24offset			2 680.0	13.99	14.50	1.125	0.102	0.115	

LTE Band 41 (Power Class 2)								
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)
QPSK 20 ㎒ 50RB 24offset	Rear	0	2 636.5	15.70	16.50	1.202	0.673	0.809

Note: Per May 2017 TCB Workshop, all SAR tests were performed using Power Class 3. SAR with power class 2 at the available duty factor was additionally performed for the power class 3 configuration with the highest SAR configuration for each exposure conditions.

LTE Band 41 PC3 vs PC2 linearly result						
Exposure Condition	LTE Band 41 (Power Class 3)		LTE Band 41 (Power Class 2)		PC 2 linearly Scaled SAR [W/kg]	Dev. [%]
	Maximum Tune-up Power [dBm]	Reported SAR [W/kg]	Maximum Tune-up Power [dBm]	Reported SAR [W/kg]		
Body	14.50	0.815	16.50	0.809	0.746	-8.44

Note: The linearity between the Power Class 2 and Power Class 3 SAR results and the respective frame averaged powers was calculated to determine that the results were linear.
Per May 2017 TCB Workshop, no additional SAR measurements were required since the linearity between power classes was < 10% and all reported SAR values were < 1.4 W/kg for 1g.

LTE UL CA (41C)								
Mode	EUT Position	Distance (㎜)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)
QPSK 20 ㎒ 50RB 0Offset	Rear (PCC)	0	2 636.5	13.85	14.50	1.161	0.672	0.780
QPSK 20 ㎒ 50RB 50Offset	Rear (SCC)	0	2 616.7					

LTE Band 48									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 99offset	Rear	16	3 690.0	22.28	23.00	1.180	0.193	0.228	
QPSK 20 ㎒ 50RB 50offset			3 690.0	21.34	22.00	1.164	0.152	0.177	
QPSK 20 ㎒ 1RB 99offset	Right	10	3 690.0	22.28	23.00	1.180	0.183	0.216	
QPSK 20 ㎒ 50RB 50offset			3 690.0	21.34	22.00	1.164	0.149	0.173	
QPSK 20 ㎒ 1RB 99offset	Bottom	0	3 690.0	22.28	23.00	1.180	0.189	0.223	
QPSK 20 ㎒ 50RB 50offset			3 690.0	21.34	22.00	1.164	0.154	0.179	
Grip Sensor on									
QPSK 20 ㎒ 1RB 99offset	Rear	0	3 690.0	10.38	10.50	1.028	0.424	**0.436**	16
QPSK 20 ㎒ 50RB 50offset			3 690.0	10.34	10.50	1.038	0.419	0.435	
QPSK 20 ㎒ 1RB 99offset	Right	0	3 690.0	10.38	10.50	1.028	0.096	0.099	
QPSK 20 ㎒ 50RB 50offset			3 690.0	10.34	10.50	1.038	0.098	0.102	

LTE UL CA (48B)								
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**
QPSK 20 ㎒ 1RB 0offset	Rear (PCC)	0	3 690.0	11.42	11.50	1.019	0.427	0.435
QPSK 20 ㎒ 1RB 99offset	Rear (SCC)	0	3 670.2					

LTE Band 66									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 0offset	Rear	19	1 720.0	24.22	25.00	1.197	0.564	0.675	
QPSK 20 ㎒ 50RB 0offset			1 720.0	23.19	24.00	1.205	0.450	0.542	
QPSK 20 ㎒ 1RB 0offset	Right	0	1 720.0	24.22	25.00	1.197	0.270	0.323	
QPSK 20 ㎒ 50RB 0offset			1 720.0	23.19	24.00	1.205	0.206	0.248	
QPSK 20 ㎒ 1RB 0offset	Top	18	1 720.0	24.22	25.00	1.197	0.662	**0.792**	17
QPSK 20 ㎒ 50RB 0offset			1 720.0	23.19	24.00	1.205	0.577	0.695	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	1 720.0	13.26	13.50	1.057	0.676	0.715	
QPSK 20 ㎒ 50RB 0offset			1 720.0	12.97	13.50	1.130	0.680	0.768	
QPSK 20 ㎒ 1RB 0offset	Top	0	1 720.0	13.26	13.50	1.057	0.488	0.516	
QPSK 20 ㎒ 50RB 0offset			1 720.0	12.97	13.50	1.130	0.493	0.557	
LTE UL CA (66B)									
QPSK 15 ㎒ 1RB 74Offset	Top (PCC)	0	1 717.5	23.46	25.00	1.426	0.542	0.773	
QPSK 5 ㎒ 1RB 0Offset	Top (SCC)	0	1 726.8						
LTE UL CA (66C)									
QPSK 20 ㎒ 1RB 99Offset	Top (PCC)	0	1 720.0	23.45	25.00	1.429	0.519	0.742	
QPSK 20 ㎒ 1RB 0Offset	Top (SCC)	0	1 739.8						

LTE Band 66 (Sub)									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 0offset	Rear	18	1 720.0	22.37	23.00	1.156	0.022	0.025	
QPSK 20 ㎒ 50RB 0offset			1 720.0	21.39	22.00	1.151	0.018	0.021	
QPSK 20 ㎒ 1RB 0offset	Right	0	1 720.0	22.37	23.00	1.156	0.139	0.161	
QPSK 20 ㎒ 50RB 0offset			1 720.0	21.39	22.00	1.151	0.111	0.128	
QPSK 20 ㎒ 1RB 0offset	Bottom	18	1 720.0	22.37	23.00	1.156	0.265	0.306	
QPSK 20 ㎒ 50RB 0offset			1 720.0	21.39	22.00	1.151	0.215	0.247	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	1 720.0	13.26	14.00	1.186	0.225	0.267	
QPSK 20 ㎒ 50RB 0offset			1 720.0	13.22	14.00	1.197	0.219	0.262	
QPSK 20 ㎒ 1RB 0offset	Bottom	0	1 720.0	13.26	14.00	1.186	0.326	0.387	
QPSK 20 ㎒ 50RB 0offset			1 720.0	13.22	14.00	1.197	0.329	**0.394**	18

LTE Band 71									
Mode	**EUT Position**	**Distance (㎜)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 20 ㎒ 1RB 0offset	Rear	19	680.5	24.33	25.00	1.167	0.015	0.018	
QPSK 20 ㎒ 50RB 0offset			680.5	23.21	24.00	1.199	0.016	0.019	
QPSK 20 ㎒ 1RB 0offset	Right	0	680.5	24.33	25.00	1.167	0.030	0.035	
QPSK 20 ㎒ 50RB 0offset			680.5	23.21	24.00	1.199	0.031	0.037	
QPSK 20 ㎒ 1RB 0offset	Top	18	680.5	24.33	25.00	1.167	0.005	0.006	
QPSK 20 ㎒ 50RB 0offset			680.5	23.21	24.00	1.199	0.006	0.007	
Grip Sensor on									
QPSK 20 ㎒ 1RB 0offset	Rear	0	680.5	16.52	17.00	1.117	0.304	0.340	
QPSK 20 ㎒ 50RB 0offset			680.5	16.20	17.00	1.202	0.295	**0.355**	19
QPSK 20 ㎒ 1RB 0offset	Top	0	680.5	16.52	17.00	1.117	0.151	0.169	
QPSK 20 ㎒ 50RB 0offset			680.5	16.20	17.00	1.202	0.153	0.184	

5G NR n5									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 20 ㎒ 1RB 1offset	Rear	19	836.5	24.30	25.00	1.175	0.225	0.264	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			836.5	24.20	25.00	1.202	0.246	0.296	
DFT-S-OFDM_QPSK 20 ㎒ 1RB 1offset	Right	0	836.5	24.30	25.00	1.175	0.389	0.457	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			836.5	24.20	25.00	1.202	0.347	0.417	
DFT-S-OFDM_QPSK 20 ㎒ 1RB 1offset	Top	18	836.5	24.30	25.00	1.175	0.084	0.099	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			836.5	24.20	25.00	1.202	0.082	0.099	
Grip Sensor on									
DFT-S-OFDM_QPSK 20 ㎒_1RB 1offset	Rear	0	836.5	16.24	17.00	1.191	0.507	**0.604**	20
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			836.5	16.19	17.00	1.205	0.466	0.562	
CP-OFDM_QPSK 20 ㎒_1RB 1offset			836.5	16.21	17.00	1.199	0.496	0.595	
DFT-S-OFDM_QPSK 20 ㎒_1RB 1offset	Top	0	836.5	16.24	17.00	1.191	0.232	0.276	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			836.5	16.19	17.00	1.205	0.212	0.255	

5G NR n25									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 40 ㎒_1RB 107offset	Rear	19	1 882.5	23.75	24.00	1.059	0.841	0.891	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 882.5	23.81	24.00	1.045	0.849	0.887	
DFT-S-OFDM_QPSK 40 ㎒_216RB 0offset			1 882.5	22.85	23.00	1.035	0.667	0.690	
DFT-S-OFDM_QPSK 40 ㎒_1RB 107offset	Right	0	1 882.5	23.75	24.00	1.059	0.696	0.737	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 882.5	23.81	24.00	1.045	0.726	0.759	
DFT-S-OFDM_QPSK 40 ㎒_1RB 107offset	Top	18	1 882.5	23.75	24.00	1.059	0.899	0.952	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 882.5	23.81	24.00	1.045	1.000	**1.045**	21
DFT-S-OFDM_QPSK 40 ㎒_216RB 0offset			1 882.5	22.85	23.00	1.035	0.742	0.768	
CP-OFDM_QPSK 40 ㎒_1RB 1offset			1 882.5	22.22	22.50	1.067	0.657	0.701	
Grip Sensor on									
DFT-S-OFDM_QPSK 40 ㎒_1RB 107offset	Rear	0	1 882.5	10.71	11.00	1.069	0.495	0.529	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 882.5	10.70	11.00	1.072	0.502	0.538	
DFT-S-OFDM_QPSK 40 ㎒_1RB 107offset	Top	0	1 882.5	10.71	11.00	1.069	0.723	0.773	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 882.5	10.70	11.00	1.072	0.705	0.756	
Repeated SAR Test									
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset	Top	18	1 882.5	23.81	24.00	1.045	0.956	0.999	

5G NR n30									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
QPSK 10 ㎒ 1RB 1offset	Rear	16	2 310.0	21.64	22.50	1.219	0.342	0.417	
QPSK 10 ㎒ 25RB 14offset			2 310.0	21.55	22.50	1.245	0.367	0.457	
QPSK 10 ㎒ 1RB 1offset	Top	11	2 310.0	21.64	22.50	1.219	0.478	0.583	
QPSK 10 ㎒ 25RB 14offset			2 310.0	21.55	22.50	1.245	0.475	0.591	
Grip Sensor on									
DFT-S-OFDM_QPSK 10 ㎒_1RB 1offset	Rear	0	2 310.0	10.24	11.00	1.191	0.507	**0.604**	22
DFT-S-OFDM_QPSK 10 ㎒_25RB 14offset			2 310.0	10.22	11.00	1.197	0.498	0.596	
CP-OFDM_QPSK 10 ㎒_1RB 1offset			2 310.0	10.25	11.00	1.189	0.469	0.558	
DFT-S-OFDM_QPSK 10 ㎒_1RB 1offset	Top	0	2 310.0	10.24	11.00	1.191	0.184	0.219	
DFT-S-OFDM_QPSK 10 ㎒_25RB 14offset			2 310.0	10.22	11.00	1.197	0.187	0.224	

5G NR n41 SRS 1									
Mode	EUT Position	Distance (mm)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
Grip Sensor off									
DFT-S-OFDM QPSK 100 ㎒ 1RB 1offset	Rear	16	2 592.99	20.60	21.00	1.096	0.259	0.284	
DFT-S-OFDM QPSK 100 ㎒ 135RB 0offset			2 592.99	20.56	21.00	1.107	0.230	0.255	
DFT-S-OFDM QPSK 100 ㎒ 1RB 1offset	Top	11	2 592.99	20.60	21.00	1.096	0.255	0.279	
DFT-S-OFDM QPSK 100 ㎒ 135RB 0offset			2 592.99	20.56	21.00	1.107	0.272	0.301	
Grip Sensor on									
DFT-S-OFDM QPSK 100 ㎒ 1RB 271offset	Rear	0	2 592.99	10.47	11.00	1.130	0.422	**0.477**	23
DFT-S-OFDM QPSK 100 ㎒ 135RB 69offset			2 592.99	10.20	11.00	1.202	0.375	0.451	
CP-OFDM QPSK 100 ㎒ 1RB 1offset			2 592.99	9.99	11.00	1.262	0.361	0.456	
DFT-S-OFDM QPSK 100 ㎒ 1RB 271offset	Top	0	2 592.99	10.47	11.00	1.130	0.076	0.086	
DFT-S-OFDM QPSK 100 ㎒ 135RB 69offset			2 592.99	10.20	11.00	1.202	0.113	0.136	

5G NR n41 SRS 2									
Mode	EUT Position	Distance (mm)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
100 ㎒ CW	Rear	0	2 592.99	9.68	10.00	1.076	0.156	**0.168**	24
	Bottom	0	2 592.99	9.68	10.00	1.076	0.068	0.073	

5G NR n41 SRS 3									
Mode	EUT Position	Distance (mm)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
100 ㎒ CW	Rear	0	2 592.99	8.77	9.00	1.054	0.307	**0.324**	25
	Top	0	2 592.99	8.77	9.00	1.054	0.060	0.063	

5G NR n41 SRS 4									
Mode	EUT Position	Distance (mm)	Frequency (㎒)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Reported 1 g SAR (W/kg)	Plot No.
100 ㎒ CW	Rear	0	2 592.99	11.75	12.00	1.059	0.247	**0.262**	26
	Right	0	2 592.99	11.75	12.00	1.059	0.117	0.124	

5G NR n48 SRS 1									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Scaled 1g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 40 ㎒ 1RB 104offset	Rear	16	3 624.99	16.56	17.00	1.107	0.059	0.065	
DFT-S-OFDM_QPSK 40 ㎒_50RB 56offset			3 624.99	16.34	17.00	1.164	0.068	0.079	
DFT-S-OFDM_QPSK 40 ㎒ 1RB 104offset	Right	10	3 624.99	16.56	17.00	1.107	0.091	0.101	
DFT-S-OFDM_QPSK 40 ㎒_50RB 56offset			3 624.99	16.34	17.00	1.164	0.094	0.109	
DFT-S-OFDM_QPSK 40 ㎒ 1RB 104offset	Bottom	0	3 624.99	16.56	17.00	1.107	0.086	0.095	
DFT-S-OFDM_QPSK 40 ㎒_50RB 56offset			3 624.99	16.34	17.00	1.164	0.094	0.109	
Grip Sensor on									
DFT-S-OFDM_QPSK 40 ㎒ 1RB 104offset	Rear	0	3 624.99	8.74	9.00	1.062	0.390	**0.414**	27
DFT-S-OFDM_QPSK 40 ㎒_50RB 56offset			3 624.99	8.48	9.00	1.127	0.366	0.412	
CP-OFDM_QPSK 40 ㎒_1RB 1offset			3 624.99	8.75	9.00	1.059	0.321	0.340	
DFT-S-OFDM_QPSK 40 ㎒ 1RB 104offset	Right	0	3 624.99	8.74	9.00	1.062	0.101	0.107	
DFT-S-OFDM_QPSK 40 ㎒_50RB 56offset			3 624.99	8.48	9.00	1.127	0.090	0.101	

5G NR n48 SRS 2 (Main 2)									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
40 MHz CW	Rear	0	3 624.99	10.94	11.00	1.014	0.891	**0.903**	28
			3 570.00	10.93	11.00	1.016	0.886	0.900	
			3 679.98	10.92	11.00	1.019	0.827	0.843	
	Top	0	3 624.99	10.94	11.00	1.014	0.283	0.287	
Repeated SAR Test									
40 MHz CW	Rear	0	3 624.99	10.94	11.00	1.019	0.873	0.890	

5G NR n48 SRS 3 (Sub 2)									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
40 MHz CW	Rear	0	3 570.00	11.98	12.00	1.005	0.905	**0.910**	29
			3 624.99	11.72	12.00	1.067	0.735	0.784	
			3 679.98	11.94	12.00	1.014	0.670	0.679	
	Bottom	0	3 570.00	11.98	12.00	1.005	0.330	0.332	
Repeated SAR Test									
40 MHz CW	Rear	0	3 570.00	11.98	12.00	1.005	0.798	0.802	

5G NR n48 SRS 4 (Sub 3)									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
40 MHz CW	Rear	0	3 624.99	13.98	14.00	1.005	0.240	**0.241**	30
	Top	0	3 624.99	13.98	14.00	1.005	0.281	0.282	

5G NR n66									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 40 ㎒_1RB 1offset	Rear	19	1 745.0	24.15	25.00	1.216	0.503	0.612	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 745.0	24.09	25.00	1.233	0.615	0.758	
DFT-S-OFDM_QPSK 40 ㎒_1RB 1offset	Right	0	1 745.0	24.15	25.00	1.216	0.252	0.306	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 745.0	24.09	25.00	1.233	0.267	0.329	
DFT-S-OFDM_QPSK 40 ㎒_1RB 1offset	Top	18	1 745.0	24.15	25.00	1.216	0.686	0.834	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 745.0	24.09	25.00	1.233	0.809	**0.997**	31
DFT-S-OFDM_QPSK 40 ㎒_216RB 0offset			1 745.0	23.48	24.00	1.127	0.747	0.842	
CP-OFDM_QPSK 40 ㎒_1RB 1offset			1 745.0	23.16	23.50	1.081	0.653	0.706	
Grip Sensor on									
DFT-S-OFDM_QPSK 40 ㎒_1RB 1offset	Rear	0	1 745.0	13.13	13.50	1.089	0.692	0.754	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 745.0	13.12	13.50	1.091	0.732	0.799	
DFT-S-OFDM_QPSK 40 ㎒_1RB 1offset	Top	0	1 745.0	13.13	13.50	1.089	0.572	0.623	
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset			1 745.0	13.12	13.50	1.091	0.623	0.680	
Repeated SAR Test									
DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset	Top	18	1 745.0	24.09	25.00	1.233	0.799	0.985	

5G NR n71									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 20 ㎒_1RB 53offset	Rear	19	680.5	24.68	25.00	1.076	0.114	0.123	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			680.5	24.61	25.00	1.094	0.123	0.135	
DFT-S-OFDM_QPSK 20 ㎒_1RB 53offset	Right	0	680.5	24.68	25.00	1.076	0.239	0.257	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			680.5	24.61	25.00	1.094	0.247	0.270	
DFT-S-OFDM_QPSK 20 ㎒_1RB 53offset	Top	18	680.5	24.68	25.00	1.076	0.044	0.047	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			680.5	24.61	25.00	1.094	0.046	0.050	
Grip Sensor on									
DFT-S-OFDM_QPSK 20 ㎒_1RB 53offset	Rear	0	680.5	16.51	17.00	1.119	0.331	0.370	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			680.5	16.50	17.00	1.122	0.333	0.374	
CP-OFDM_QPSK 20 ㎒_1RB 1offset			680.5	15.97	17.00	1.268	0.347	**0.440**	32
DFT-S-OFDM_QPSK 20 ㎒_1RB 53offset	Top	0	680.5	16.51	17.00	1.119	0.148	0.166	
DFT-S-OFDM_QPSK 20 ㎒_50RB 28offset			680.5	16.50	17.00	1.122	0.138	0.155	

5G NR n77 SRS 1									
Mode	**EUT Position**	**Distance (mm)**	**Frequency (MHz)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Measured 1 g SAR (W/kg)**	**Scaled 1g SAR (W/kg)**	**Plot No.**
Grip Sensor off									
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset	Rear	16	3 750.00	19.95	20.00	1.012	0.276	0.279	
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 750.00	19.68	20.00	1.076	0.240	0.258	
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset	Top	11	3 750.00	19.95	20.00	1.012	0.419	0.424	
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset			3 930.00	19.67	20.00	1.079	0.522	0.563	
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 750.00	19.68	20.00	1.076	0.389	0.419	
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 930.00	19.63	20.00	1.089	0.550	0.599	
Grip Sensor on									
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset	Rear	0	3 750.00	9.13	9.50	1.089	0.564	0.614	
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset			3 930.00	8.72	9.50	1.197	0.538	0.644	
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 750.00	8.73	9.50	1.194	0.554	**0.661**	33
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 930.00	8.65	9.50	1.216	0.526	0.640	
CP-OFDM_QPSK 100 MHz_1RB 1offset			3 750.00	8.80	9.50	1.175	0.561	0.659	
DFT-S-OFDM_QPSK 100 MHz 1RB 271offset	Top	0	3 750.00	9.13	9.50	1.089	0.149	0.162	
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset			3 750.00	8.73	9.50	1.194	0.144	0.172	
DoD SAR Test									
DFT-S-OFDM_QPSK 100 MHz_135RB 138offset	Rear	0	3 500.01	8.99	9.50	1.125	0.349	0.393	

5G NR n77 SRS 2									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
100 MHz CW	Rear	0	3 930.00	13.92	14.00	1.019	0.411	**0.419**	34
			3 750.00	13.76		1.057	0.145	0.153	
	Top	0	3 930.00	13.92	14.00	1.019	0.035	0.036	
DoD SAR Test									
100 MHz CW	Rear	0	3 500.01	13.96	14.00	1.009	0.273	0.275	

5G NR n77 SRS 3									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
100 MHz CW	Rear	0	3 930.00	11.30	11.50	1.047	0.439	0.460	
			3 750.00	11.21		1.069	0.851	**0.910**	35
	Right	0	3 930.00	11.30	11.50	1.047	0.102	0.107	
DoD SAR Test									
100 MHz CW	Rear	0	3 500.01	11.14	11.50	1.086	0.464	0.504	
Repeated SAR Test									
100 MHz CW	Rear	0	3 750.00	11.21	11.50	1.069	0.801	0.856	

5G NR n77 SRS 4									
Mode	EUT Position	Distance (mm)	Frequency (MHz)	Measured Conducted Power (dBm)	Max. Tune-up Power (dBm)	Power Scaling Factor	Measured 1 g SAR (W/kg)	Scaled 1g SAR (W/kg)	Plot No.
100 MHz CW	Rear	0	3 750.00	13.96	14.00	1.009	0.887	0.895	
			3 930.00	13.65		1.084	1.110	**1.203**	36
	Bottom	0	3 750.00	13.96	14.00	1.009	0.464	0.468	
			3 930.00	13.65		1.084	0.304	0.330	
DoD SAR Test									
100 MHz CW	Rear	0	3 500.01	13.89	14.00	1.026	0.620	0.636	
Repeated SAR Test									
100 MHz CW	Rear	0	3 930.00	13.65	14.00	1.084	1.080	1.171	

WLAN 2.4 GHz											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (MHz)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Ant.1	802.11b	Grip Sensor Off									
		Rear	15	2 462.0	19.50	20.00	1.122	1.011	0.283	0.321	
		Left	0	2 462.0	19.50	20.00	1.122	1.011	0.543	0.616	
		Top	15	2 462.0	19.50	20.00	1.122	1.011	0.232	0.263	
		Grip Sensor On									
		Rear	0	2 462.0	11.47	12.00	1.130	1.011	0.664	**0.759**	37
		Top	0	2 462.0	11.47	12.00	1.130	1.011	0.234	0.267	
Ant.2		Grip Sensor Off									
		Rear	19	2 462.0	19.61	20.00	1.094	1.012	0.141	0.156	
		Left	0	2 462.0	19.61	20.00	1.094	1.012	0.355	**0.393**	38
		Bottom	14	2 462.0	19.61	20.00	1.094	1.012	0.103	0.114	
		Grip Sensor On									
		Rear	0	2 462.0	11.82	12.00	1.042	1.012	0.244	0.257	
		Bottom	0	2 462.0	11.82	12.00	1.042	1.012	0.085	0.090	
MIMO	802.11g	Grip Sensor Off									
		Rear	15	2 437.0	15.42	16.00	1.143	1.073	0.135	0.166	
		Left	0	2 437.0	15.42	16.00	1.143	1.073	0.171	0.210	
		Top	15	2 437.0	15.42	16.00	1.143	1.073	0.079	0.097	
		Bottom	14	2 437.0	15.42	16.00	1.143	1.073	0.059	0.072	
		Grip Sensor On									
		Rear	0	2 462.0	11.55	12.00	1.109	1.073	0.600	**0.714**	39
		Top	0	2 462.0	11.55	12.00	1.109	1.073	0.161	0.192	
		Bottom	0	2 462.0	11.55	12.00	1.109	1.073	0.097	0.115	

U-NII-2A											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (MHz)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
MIMO	802.11a	Grip Sensor Off									
		Rear	15	5 300.0	16.08	18.00	1.556	1.067	0.164	0.272	
		Left	0	5 300.0	16.08	18.00	1.556	1.067	0.529	**0.878**	40
				5 260.0	16.59	18.00	1.384	1.067	0.475	0.701	
		Top	15	5 300.0	16.08	18.00	1.556	1.067	0.198	0.329	
		Bottom	14	5 300.0	16.08	18.00	1.556	1.067	0.198	0.329	
	802.11ac (VHT80)	Grip Sensor On									
		Rear	0	5 290.0	7.14	8.00	1.219	1.159	0.270	0.381	
		Top		5 290.0	7.14	8.00	1.219	1.159	0.253	0.357	
		Bottom		5 290.0	7.14	8.00	1.219	1.159	0.086	0.122	

U-NII-2C											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
MIMO	802.11a	Grip Sensor Off									
		Rear	15	5 500.0	17.21	18.00	1.199	1.067	0.316	0.404	
		Left	0	5 500.0	17.21	18.00	1.199	1.067	0.644	0.824	
				5 620.0	16.89	18.00	1.291	1.067	0.746	**1.028**	41
		Top	15	5 500.0	17.21	18.00	1.199	1.067	0.335	0.429	
		Bottom	14	5 500.0	17.21	18.00	1.199	1.067	0.336	0.430	
	802.11ac (VHT80)	Grip Sensor On									
		Rear	0	5 610.0	7.14	8.00	1.219	1.159	0.290	0.410	
		Top	0	5 610.0	7.14	8.00	1.219	1.159	0.313	0.442	
		Bottom	0	5 610.0	7.14	8.00	1.219	1.159	0.190	0.268	

U-NII-3											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
MIMO	802.11a	Grip Sensor Off									
		Rear	15	5 745.0	16.66	18.00	1.361	1.067	0.252	0.366	
		Left	0	5 745.0	16.66	18.00	1.361	1.067	0.691	**1.003**	42
				5 785.0	16.02	18.00	1.578	1.067	0.578	0.973	
		Top	15	5 745.0	16.66	18.00	1.361	1.067	0.389	0.565	
		Bottom	14	5 745.0	16.66	18.00	1.361	1.067	0.314	0.456	
	802.11ac (VHT80)	Grip Sensor On									
		Rear	0	5 775.0	6.85	8.00	1.303	1.159	0.347	0.524	
		Top		5 775.0	6.85	8.00	1.303	1.159	0.375	0.566	
		Bottom		5 775.0	6.85	8.00	1.303	1.159	0.105	0.159	

U-NII-4											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
MIMO	802.11a	Grip Sensor Off									
		Rear	15	5 885.0	17.02	18.00	1.253	1.067	0.249	0.333	
		Left	0	5 885.0	17.02	18.00	1.253	1.067	0.600	0.802	
				5 845.0	16.26	18.00	1.493	1.067	0.545	**0.868**	43
		Top	15	5 885.0	17.02	18.00	1.253	1.067	0.397	0.531	
		Bottom	14	5 885.0	17.02	18.00	1.253	1.067	0.315	0.421	
	802.11ac (VHT80)	Grip Sensor On									
		Rear	0	5 855.0	7.39	8.00	1.151	1.159	0.308	0.411	
		Top		5 855.0	7.39	8.00	1.151	1.159	0.378	0.504	
		Bottom		5 855.0	7.39	8.00	1.151	1.159	0.100	0.133	

Bluetooth											
Ant.	**Mode**	**EUT Position**	**Distance (mm)**	**Frequency (㎒)**	**Measured Conducted Power (dBm)**	**Max. Tune-up Power (dBm)**	**Power Scaling Factor**	**Duty Cycle Compensate Factor**	**Measured 1 g SAR (W/kg)**	**Reported 1 g SAR (W/kg)**	**Plot No.**
Ant.1	BDR_DH5	Grip Sensor Off									
		Rear	15	2 480.0	19.14	20.00	1.219	1.016	0.176	0.218	
		Left	0	2 480.0	19.14	20.00	1.219	1.016	0.295	0.365	
		Top	15	2 480.0	19.14	20.00	1.219	1.016	0.144	0.178	
		Grip Sensor On									
		Rear	0	2 441.0	10.04	11.40	1.368	1.016	0.465	**0.646**	44
		Top	0	2 441.0	10.04	11.40	1.368	1.016	0.165	0.229	
Ant.2		Grip Sensor Off									
		Rear	19	2 480.0	18.15	19.50	1.365	1.016	0.071	0.098	
		Left	0	2 480.0	18.15	19.50	1.365	1.016	0.180	**0.250**	45
		Bottom	14	2 480.0	18.15	19.50	1.365	1.016	0.054	0.075	
		Grip Sensor On									
		Rear	0	2 441.0	10.41	12.20	1.510	1.016	0.158	0.242	
		Bottom	0	2 441.0	10.41	12.20	1.510	1.016	0.074	0.114	

NFC							
Mode	**EUT Position**	**Distance (mm)**	**Test setup**		**Frequency (㎒)**	**Measured 10 g SAR (W/kg)**	**Plot No.**
			Type	**Bitrate**			
PBRS	Front	0	A	106	13.6	0.006	
		0	B	106	13.6	0.007	
		0	F	106	13.6	0.000	
		0	B	212	13.6	**0.007**	46
		0	B	424	13.6	0.007	
	Rear	0	B	212	13.6	0.000	
	Left	0	B	212	13.6	0.000	
	Right	0	B	212	13.6	0.000	
	Top	0	B	212	13.6	0.000	
	Bottom	0	B	212	13.6	0.000	

General Notes:

1. The test data reported are the worst-case SAR values according to test procedures specified in IEEE 1528-2013, and FCC KDB Publication 447498 D04v01.
2. All modes of operation were investigated, and worst-case results are reported.
3. Battery is fully charged for all readings and the standard batteries are the only options.
4. Liquid tissue depth was at least 15 cm.
5. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
6. SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D04v01.
7. This device utilizes power reduction for some wireless modes, as outlined in Section 2.3. The maximum output power allowed for each transmitter and exposure condition was evaluated for SAR compliance based on expected use conditions and simultaneous transmission scenarios.
8. Additional testing required in order satisfying FCC simultaneous transmission limit criteria.
9. Accessories(Protective Cover) were verified under the worst configuration RF exposure condition.

WCDMA Notes:

1. UMTS mode in was tested under RMC 12.2 kbps with HSPA Inactive per KDB Publication 941225 D01v03r01. AMR and HSPA SAR was not required per the 3G Test Reduction Procedure in KDB Publication 941225 D01v03r01.
2. 2. Per FCC KDB Publication 447498 D04v01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g evaluations then testing at the other channels is not required for such test configuration(s).

LTE Notes:

1. Justification Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
2. When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
3. Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
4. Testing for 16-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.
5. Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.
6. A-MPR was disabled for all SAR tests by setting NS=01 and MCC=001 on the base station simulator.
7. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).
8. TDD LTE was tested using UL-DL configuration 0 with 6 UL sub frames and 2S sub-frames using extended cyclic prefix only and special sub frame configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Sec. 4, the duty factor using extended cyclic prefix is 0.633(cf=1.58).
9. For LTE bands that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing; therefore, the requirement for H, M and L channels may not fully apply.

5G NR Notes:

1. NR Bands support SA and NSA modes. NR Bands in EN-DC mode operates with the LTE Bands shown in the 5G NR Information acting as anchor bands.
2. More detailed specifications of the NR bands are contained in the Operational description document.
3. For NR modulations and RB Sizes/Offsets were selected for testing such that configurations with the highest output power were evaluated for SAR tests.
4. For NR TDD band, testing was performed in FTM mode (Duty 100%) provided by the manufacturer.
5. Simultaneous transmission analysis for EN-DC operations is addressed in the Part 2 Test Report.

WLAN & Bluetooth Notes:

1. Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02 for 2.4㎓ WIFI operations, the highest measured maximum output power channel for DSSS was selected for SAR measurement.

   SAR for OFDM modes (2.4㎓ 802.11g/n) was not required due to 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.
2. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools. The reported SAR was scaled to the 100% transmission duty factor to determine compliance.
3. When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n, ac then ax) is selected.
4. When the specified maximum output power is the same for both UNII Band1 and UNII Band 2A, begins SAR measurement in UNII band 2A; and if the highest reported SAR for UNII band 2A is ≤ 1.2W/kg, SAR is not required for UNII band1 > 1.2W/kg, both bands should be tested independently for SAR.
5. When the maximum reported 1g averaged SAR is ≤0.8 W/kg, SAR testing on additional channels was not required. Otherwise, SAR for the next highest output power channel was required until the reported SAR result was ≤ 1.20 W/kg for 1g evaluations or all test channels were measured.
6. This device supports 2X2 MIMO Tx for WLAN 802.11a/g/n/ac/ax. 802.11a/g/n/ac/ax supports CDD and STBC, 802.11n/ac/ax supports SDM. WLAN MIMO evaluation was applied conservatively.

NFC Notes:

1. NFC SAR testing was considered only under handheld conditions according to the manufacturer's operational description.

13. Simultaneous Transmission

The following procedures adopted from FCC KDB Publication 447498 D04v01 are applicable to devices with built in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.
This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D04v01 4.3.2 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g or 10g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is within SAR limits. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

13.1.1 Estimated SAR (Maximum Output Power)

Antenna	Tx	requenc	Output power		ERP	Worst	Separation distances (mm					Exclusion				
		(MHz)	dBm	mW	[mW]	[mW]	Rear	Left	Right	Top	Bot.	Rear	Left	Right	Top	Bot.
Main1	WCDMA 2	1907.6	24.0	251	305	305	5	185	14	5	157	Measure	0.046	Measure	Measure	0.062
	WCDMA 4	1752.6	25.0	316	335	335						Measure	0.051	Measure	Measure	0.068
	WCDMA 5	846.6	25.0	316	197	316						Measure	0.082	Measure	Measure	1.103
	LTE 5	848.3	25.0	316	197	316						Measure	0.082	Measure	Measure	1.103
	LTE 12	715.3	25.0	316	90	316						Measure	0.096	Measure	Measure	0.119
	LTE 13	784.5	25.0	316	133	316						Measure	0.088	Measure	Measure	0.110
	LTE 14	795.5	25.0	316	104	316						Measure	0.087	Measure	Measure	0.109
	LTE 25	1914.3	24.0	251	305	305						Measure	0.046	Measure	Measure	0.062
	LTE 26	848.3	24.0	251	157	251						Measure	0.065	Measure	Measure	0.082
	LTE 66	1779.3	25.0	316	335	335						Measure	0.051	Measure	Measure	0.068
	LTE 71	695.5	25.0	316	77	316						Measure	0.099	Measure	Measure	0.122
	NR n5	846.5	25.0	316	197	316						Measure	0.082	Measure	Measure	0.103
	NR n25	1912.5	24.0	251	305	305						Measure	0.046	Measure	Measure	0.062
	NR n66	1777.5	25.0	316	335	335						Measure	0.051	Measure	Measure	0.068
	NR n71	695.5	25.0	316	77	316						Measure	0.099	Measure	Measure	0.122
Main2	LTE 7	2567.5	25.0	316	254	316	5	171	63	5	157	Measure	0.056	0.376	Measure	0.066
	LTE 30	2312.5	22.5	178	140	178						Measure	0.031	0.206	Measure	0.037
	LTE 41	2680	25.0	316	254	316						Measure	0.056	0.381	Measure	0.066
	NR n30	2312.5	22.5	178	140	178						Measure	0.031	0.206	Measure	0.037
	NR n41 SRS 1	2685	21.0	126	101	126						Measure	0.022	0.152	Measure	0.026
	NR n48 SRS 2	3694.98	11.0	13	8	13						Measure	0.002	0.017	Measure	0.003
	NR n77 SRS 1	3975	20.0	100	92	100						Measure	0.018	0.133	Measure	0.021
Sub1	LTE 7 (Sub)	2567.5	23.0	200	150	200	5	166	30	157	5	Measure	0.037	Measure	0.042	Measure
	LTE 25 (Sub)	1914.3	23.0	200	422	422						Measure	0.078	Measure	0.086	Measure
	LTE 30 (Sub)	2312.5	23.0	200	116	200						Measure	0.037	Measure	0.041	Measure
	LTE 66 (Sub)	1779.3	23.0	200	207	207						Measure	0.038	Measure	0.042	Measure
	NR n41 SRS 2	2685	10.0	10	8	10						Measure	0.002	0.050	0.002	Measure
Sub2	NR n48 SRS 3	3694.98	12.0	16	13	16	5	215	25	158	5	Measure	0.002	0.131	0.003	Measure
	NR n77 SRS 4	3975	14.0	25	20	25						Measure	0.003	0.213	0.005	Measure
Sub3	NR n41 SRS 3	2685	9.0	8	1	8	5	36	144	5	148	Measure	0.028	0.002	Measure	0.002
	NR n48 SRS 4	3694.98	14.0	25	4	25						Measure	0.099	0.006	Measure	0.020
	NR n77 SRS 2	3975	14.0	25	4	25						Measure	0.102	0.006	Measure	0.006
Sub4	LTE 48	3697.5	23.0	200	62	200	5	228	5	133	21	Measure	0.026	Measure	0.059	Measure
	NR n41 SRS 4	2685	12.0	16	7	16						Measure	0.002	Measure	0.005	0.160
	NR n48 SRS 1	3694.98	17.0	50	16	50						Measure	0.007	Measure	0.015	Measure
	NR n77 SRS 3	3975	11.5	14	7	14						Measure	0.002	Measure	0.004	0.170
WIFI1 (Ant.1)	2.4 GHz	2462	20.0	100	22	100	5	23	204	5	158	Measure	Measure	0.013	Measure	0.020
	UNII-2A	5320	18.0	63	15	63						Measure	Measure	0.008	Measure	0.013
	UNII-2C	5720	18.0	63	15	63						Measure	Measure	0.008	Measure	0.013
	UNII-3	5825	18.0	63	14	63						Measure	Measure	0.008	Measure	0.013
	UNII-4	5885	18.0	63	14	63						Measure	Measure	0.008	Measure	0.013
	Bluetooth	2480	20.0	100	22	100						Measure	Measure	0.013	Measure	0.020
WIFI2 (Ant.2)	2.4 GHz	2462	20.0	100	24	100	5	12	199	157	5	Measure	Measure	0.013	0.021	Measure
	UNII-2A	5320	18.0	63	13	63						Measure	Measure	0.008	0.014	Measure
	UNII-2C	5720	18.0	63	13	63						Measure	Measure	0.008	0.014	Measure
	UNII-3	5825	18.0	63	12	63						Measure	Measure	0.008	0.014	Measure
	UNII-4	5885	18.0	63	12	63						Measure	Measure	0.008	0.014	Measure
	Bluetooth	2480	19.5	89	22	89						Measure	Measure	0.012	0.018	Measure

- For distances < 5mm, a distance of 5mm is used to determine SAR exclusion and estimated SAR value.
- Output power is the worst of the maximum rated power (including tune-up or manufacturing tolerances) and ERP(E.I.R.P − 2.15 dB)
- Estimated SAR values were calculated as $SAR_{est} = 0.4 * P_{ant}/P_{th}$ $[W/kg]$ according to the April, 2022 TCB workshop.(P_{th} is Section 2.6.2 Value, P_{ant} is Maximum Output power.)
- Formulas round separation distance to nearest mm and power to nearest mW before calculating estimated SAR or determining if SAR is excluded.

13.1.3 #Simultaneous Transmission Configurations

According to FCC KDB 447498 D04v01, transmitters are considered to be transmitting simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds.
This device contains multiple transmitters that may operate simultaneously, and therefore requires a simultaneous transmission analysis according to FCC KDB Publication 447498 D04v01 4.3.2 procedures.

No.	Scenario	RF Exposure Condition
		Body
1	Licensed + WLAN 2.4 ㎓ Ant.1 (802.11b only)	Yes
2	Licensed + WLAN 2.4 ㎓ Ant.2	Yes
3	Licensed + WLAN 2.4 ㎓ MIMO	Yes
4	Licensed + WLAN 5 ㎓ MIMO	Yes
5	Licensed + WLAN 6 ㎓ MIMO	Yes
6	Licensed + Bluetooth Ant.1	Yes
7	Licensed + WLAN 2.4 ㎓ Ant.2 + Bluetooth Ant.1	Yes
8	Licensed + WLAN 5 ㎓ MIMO + Bluetooth Ant.1	Yes
9	Licensed + WLAN 6 ㎓ MIMO + Bluetooth Ant.1	Yes
10	Licensed + WLAN 5 ㎓ MIMO + Bluetooth Ant.2	Yes
11	Licensed + WLAN 6 ㎓ MIMO + Bluetooth Ant.2	Yes

Notes:
- For EN-DC mods, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit.
  Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation.
- NFC mode is not considered for simultaneous transmission as it is a Handheld (Extremity 10g SAR) device.
- Digitizer mode is a front function and does not consider simultaneous transmission with other transmitters (tablet devices) that exclude front side tests.

13.1.4 Simultaneous Transmission Analysis(Standalone)

Band / Position (Body)		Band								Scenario									
		Licensed	WLAN					Bluetooth		No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11
			2.4 GHz			5 GHz	6 GHz													
			Ant.1	Ant.2	MIMO	MIMO	MIMO	Ant.1	Ant.2											
		[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]	[①+②]	[①+③]	[①+④]	[①+⑤]	[①+⑥]	[①+⑦]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]	[①+⑥+⑧]
WCDMA B.2	Rear	0.939	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.698	1.196	1.653	1.463	1.350	1.585	1.842	2.109	1.996	1.705	1.592
	Left	0.046	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.662	0.439	0.256	1.074	0.146	0.411	0.804	1.439	0.511	1.324	0.396
	Right	0.842	0.013	0.013	0.013	0.008	-	0.013	0.012	0.855	0.855	0.855	0.850	0.842	0.855	0.868	0.863	0.855	0.862	0.854
	Top	1.132	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.399	1.153	1.324	1.698	1.350	1.361	1.382	1.927	1.579	1.716	1.368
	Bottom	0.062	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.082	0.176	0.177	0.518	0.132	0.082	0.196	0.538	0.152	0.632	0.246
WCDMA B.4	Rear	0.775	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.534	1.032	1.489	1.299	1.186	1.421	1.678	1.945	1.832	1.541	1.428
	Left	0.051	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.667	0.444	0.261	1.079	0.151	0.416	0.809	1.444	0.516	1.329	0.401
	Right	0.295	0.013	0.013	0.013	0.008	-	0.013	0.012	0.308	0.308	0.308	0.303	0.295	0.308	0.321	0.316	0.308	0.315	0.307
	Top	1.035	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.302	1.056	1.227	1.601	1.253	1.264	1.285	1.830	1.482	1.619	1.271
	Bottom	0.068	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.088	0.182	0.183	0.524	0.138	0.088	0.202	0.544	0.158	0.638	0.252
WCDMA B.5	Rear	0.372	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.131	0.629	1.086	0.896	0.783	1.018	1.275	1.542	1.429	1.138	1.025
	Left	0.082	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.698	0.475	0.292	1.110	0.182	0.447	0.840	1.475	0.547	1.360	0.432
	Right	0.699	0.013	0.013	0.013	0.008	-	0.013	0.012	0.712	0.712	0.712	0.707	0.699	0.712	0.725	0.720	0.712	0.719	0.711
	Top	0.190	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.457	0.211	0.382	0.756	0.408	0.419	0.440	0.985	0.637	0.774	0.426
	Bottom	0.103	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.123	0.217	0.218	0.559	0.173	0.123	0.237	0.579	0.193	0.673	0.287
LTE B.5	Rear	0.352	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.111	0.609	1.066	0.876	0.763	0.998	1.255	1.522	1.409	1.118	1.005
	Left	0.082	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.698	0.475	0.292	1.110	0.182	0.447	0.840	1.475	0.547	1.360	0.432
	Right	0.562	0.013	0.013	0.013	0.008	-	0.013	0.012	0.575	0.575	0.575	0.570	0.562	0.575	0.588	0.583	0.575	0.582	0.574
	Top	0.157	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.424	0.178	0.349	0.723	0.375	0.386	0.407	0.952	0.604	0.741	0.393
	Bottom	0.103	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.123	0.217	0.218	0.559	0.173	0.123	0.237	0.579	0.193	0.673	0.287
LTE B.7	Rear	0.701	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.460	0.958	1.415	1.225	1.112	1.347	1.604	1.871	1.758	1.467	1.354
	Left	0.056	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.672	0.449	0.266	1.084	0.156	0.421	0.814	1.449	0.521	1.334	0.406
	Right	0.376	0.013	0.013	0.013	0.008	-	0.013	0.012	0.389	0.389	0.389	0.384	0.376	0.389	0.402	0.397	0.389	0.396	0.388
	Top	0.687	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.954	0.708	0.879	1.253	0.905	0.916	0.937	1.482	1.134	1.271	0.923
	Bottom	0.066	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.086	0.180	0.181	0.522	0.136	0.086	0.200	0.542	0.156	0.636	0.250
LTE B.7 (sub)	Rear	0.251	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.010	0.508	0.965	0.775	0.662	0.897	1.154	1.421	1.308	1.017	0.904
	Left	0.037	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.653	0.430	0.247	1.065	0.137	0.402	0.795	1.430	0.502	1.315	0.387
	Right	0.208	0.013	0.013	0.013	0.008		0.013	0.012	0.221	0.221	0.221	0.216	0.208	0.221	0.234	0.229	0.221	0.228	0.220
	Top	0.042	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.309	0.063	0.234	0.608	0.260	0.271	0.292	0.837	0.489	0.626	0.278
	Bottom	0.240	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.260	0.354	0.355	0.696	0.310	0.260	0.374	0.716	0.330	0.810	0.424
LTE B.12	Rear	0.412	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.171	0.669	1.126	0.936	0.823	1.058	1.315	1.582	1.469	1.178	1.065
	Left	0.096	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.712	0.489	0.306	1.124	0.196	0.461	0.854	1.489	0.561	1.374	0.446
	Right	0.369	0.013	0.013	0.013	0.008		0.013	0.012	0.382	0.382	0.382	0.377	0.369	0.382	0.395	0.390	0.382	0.389	0.381
	Top	0.266	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.533	0.287	0.458	0.832	0.484	0.495	0.516	1.061	0.713	0.850	0.502
	Bottom	0.119	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.139	0.233	0.234	0.575	0.189	0.139	0.253	0.595	0.209	0.689	0.303
LTE B.13	Rear	0.268	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.027	0.525	0.982	0.792	0.679	0.914	1.171	1.438	1.325	1.034	0.921
	Left	0.088	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.704	0.481	0.298	1.116	0.188	0.453	0.846	1.481	0.553	1.366	0.438
	Right	0.462	0.013	0.013	0.013	0.008	-	0.013	0.012	0.475	0.475	0.475	0.470	0.462	0.475	0.488	0.483	0.475	0.482	0.474
	Top	0.141	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.408	0.162	0.333	0.707	0.359	0.370	0.391	0.936	0.588	0.725	0.377
	Bottom	0.110	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.130	0.224	0.225	0.566	0.180	0.130	0.244	0.586	0.200	0.680	0.294
LTE B.14	Rear	0.452	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.211	0.709	1.166	0.976	0.863	1.098	1.355	1.622	1.509	1.218	1.105
	Left	0.087	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.703	0.480	0.297	1.115	0.187	0.452	0.845	1.480	0.552	1.365	0.437
	Right	0.329	0.013	0.013	0.013	0.008	-	0.013	0.012	0.342	0.342	0.342	0.337	0.329	0.342	0.355	0.350	0.342	0.349	0.341
	Top	0.233	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.500	0.254	0.425	0.799	0.451	0.462	0.483	1.028	0.680	0.817	0.469
	Bottom	0.109	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.129	0.223	0.224	0.565	0.179	0.129	0.243	0.585	0.199	0.679	0.293
LTE B.25	Rear	0.934	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.693	1.191	1.648	1.458	1.345	1.580	1.837	2.104	1.991	1.700	1.587
	Left	0.046	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.662	0.439	0.256	1.074	0.146	0.411	0.804	1.439	0.511	1.324	0.396
	Right	0.680	0.013	0.013	0.013	0.008	-	0.013	0.012	0.693	0.693	0.693	0.688	0.680	0.693	0.706	0.701	0.693	0.700	0.692
	Top	1.272	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.539	1.293	1.464	1.838	1.490	1.501	1.522	2.067	1.719	1.856	1.508
	Bottom	0.062	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.082	0.176	0.177	0.518	0.132	0.082	0.196	0.538	0.152	0.632	0.246
LTE B.25 (sub)	Rear	0.463	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.222	0.720	1.177	0.987	0.874	1.109	1.366	1.633	1.520	1.229	1.116
	Left	0.078	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.694	0.471	0.288	1.106	0.178	0.443	0.836	1.471	0.543	1.356	0.428
	Right	0.134	0.013	0.013	0.013	0.008	-	0.013	0.012	0.147	0.147	0.147	0.142	0.134	0.147	0.160	0.155	0.147	0.154	0.146
	Top	0.086	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.353	0.107	0.278	0.652	0.304	0.315	0.336	0.881	0.533	0.670	0.322
	Bottom	0.679	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.699	0.793	0.794	1.135	0.749	0.699	0.813	1.155	0.769	1.249	0.863
LTE B.26	Rear	0.520	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.279	0.777	1.234	1.044	0.931	1.166	1.423	1.690	1.577	1.286	1.173
	Left	0.065	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.681	0.458	0.275	1.093	0.165	0.430	0.823	1.458	0.530	1.343	0.415
	Right	0.471	0.013	0.013	0.013	0.008	-	0.013	0.012	0.484	0.484	0.484	0.479	0.471	0.484	0.497	0.492	0.484	0.491	0.483
	Top	0.249	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.516	0.270	0.441	0.815	0.467	0.478	0.499	1.044	0.696	0.833	0.485
	Bottom	0.082	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.102	0.196	0.197	0.538	0.152	0.102	0.216	0.558	0.172	0.652	0.266
LTE B.30	Rear	0.824	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.583	1.081	1.538	1.348	1.235	1.470	1.727	1.994	1.881	1.590	1.477
	Left	0.031	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.647	0.424	0.241	1.059	0.131	0.396	0.789	1.424	0.496	1.309	0.381
	Right	0.206	0.013	0.013	0.013	0.008	-	0.013	0.012	0.219	0.219	0.219	0.214	0.206	0.219	0.232	0.227	0.219	0.226	0.218
	Top	0.473	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.740	0.494	0.665	1.039	0.691	0.702	0.723	1.268	0.920	1.057	0.709
	Bottom	0.037	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.057	0.151	0.152	0.493	0.107	0.057	0.171	0.513	0.127	0.607	0.221
LTE B.30 (sub)	Rear	0.513	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.272	0.770	1.227	1.037	0.924	1.159	1.416	1.683	1.570	1.279	1.166
	Left	0.037	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.653	0.430	0.247	1.065	0.137	0.402	0.795	1.430	0.502	1.315	0.387
	Right	0.195	0.013	0.013	0.013	0.008	-	0.013	0.012	0.208	0.208	0.208	0.203	0.195	0.208	0.221	0.216	0.208	0.215	0.207
	Top	0.041	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.308	0.062	0.233	0.607	0.259	0.270	0.291	0.836	0.488	0.625	0.277
	Bottom	0.348	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.368	0.462	0.463	0.804	0.418	0.368	0.482	0.824	0.438	0.918	0.532
LTE B.41	Rear	0.815	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.574	1.072	1.529	1.339	1.226	1.461	1.718	1.985	1.872	1.581	1.468
	Left	0.056	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.672	0.449	0.266	1.084	0.156	0.421	0.814	1.449	0.521	1.334	0.406
	Right	0.381	0.013	0.013	0.013	0.008	-	0.013	0.012	0.394	0.394	0.394	0.389	0.381	0.394	0.407	0.402	0.394	0.401	0.393
	Top	0.371	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.638	0.392	0.563	0.937	0.589	0.600	0.621	1.166	0.818	0.955	0.607
	Bottom	0.066	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.086	0.180	0.181	0.522	0.136	0.086	0.200	0.542	0.156	0.636	0.250

Band / Position (Body)		Band								Scenario										
		Licensed	WLAN					Bluetooth		No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11
			2.4 GHz			5 GHz	6 GHz													
			Ant.1	Ant.2	MIMO	MIMO	MIMO	Ant.1	Ant.2											
		[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]	[①+②]	[①+③]	[①+④]	[①+⑤]	[①+⑥]	[①+⑦]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]	[①+⑥+⑧]
LTE B.48	Rear	0.436	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.195	0.693	1.150	0.960	0.847	1.082	1.339	1.606	1.493	1.202	1.089
	Left	0.026	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.642	0.419	0.236	1.054	0.126	0.391	0.784	1.419	0.491	1.304	0.376
	Right	0.216	0.013	0.013	0.013	0.008	-	0.013	0.012	0.229	0.229	0.229	0.224	0.216	0.229	0.242	0.237	0.229	0.236	0.228
	Top	0.059	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.326	0.080	0.251	0.625	0.277	0.288	0.309	0.854	0.506	0.643	0.295
	Bottom	0.223	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.243	0.337	0.338	0.679	0.293	0.243	0.357	0.699	0.313	0.793	0.407
LTE B.66	Rear	0.768	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.527	1.025	1.482	1.292	1.179	1.414	1.671	1.938	1.825	1.534	1.421
	Left	0.051	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.667	0.444	0.261	1.079	0.151	0.416	0.809	1.444	0.516	1.329	0.401
	Right	0.323	0.013	0.013	0.013	0.008	-	0.013	0.012	0.336	0.336	0.336	0.331	0.323	0.336	0.349	0.344	0.336	0.343	0.335
	Top	0.792	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.059	0.813	0.984	1.358	1.010	1.021	1.042	1.587	1.239	1.376	1.028
	Bottom	0.068	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.088	0.182	0.183	0.524	0.138	0.088	0.202	0.544	0.158	0.638	0.252
LTE B.66 (sub)	Rear	0.267	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.026	0.524	0.981	0.791	0.678	0.913	1.170	1.437	1.324	1.033	0.920
	Left	0.038	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.654	0.431	0.248	1.066	0.138	0.403	0.796	1.431	0.503	1.316	0.388
	Right	0.161	0.013	0.013	0.013	0.008	-	0.013	0.012	0.174	0.174	0.174	0.169	0.161	0.174	0.187	0.182	0.174	0.181	0.173
	Top	0.042	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.309	0.063	0.234	0.608	0.260	0.271	0.292	0.837	0.489	0.626	0.278
	Bottom	0.394	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.414	0.508	0.509	0.850	0.464	0.414	0.528	0.870	0.484	0.964	0.578
LTE B.71	Rear	0.355	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.114	0.612	1.069	0.879	0.766	1.001	1.258	1.525	1.412	1.121	1.008
	Left	0.099	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.715	0.492	0.309	1.127	0.199	0.464	0.857	1.492	0.564	1.377	0.449
	Right	0.037	0.013	0.013	0.013	0.008	-	0.013	0.012	0.050	0.050	0.050	0.045	0.037	0.050	0.063	0.058	0.050	0.057	0.049
	Top	0.184	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.451	0.205	0.376	0.750	0.402	0.413	0.434	0.979	0.631	0.768	0.420
	Bottom	0.122	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.142	0.236	0.237	0.578	0.192	0.142	0.256	0.598	0.212	0.692	0.306
NR n5	Rear	0.604	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.363	0.861	1.318	1.128	1.015	1.250	1.507	1.774	1.661	1.370	1.257
	Left	0.082	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.698	0.475	0.292	1.110	0.182	0.447	0.840	1.475	0.547	1.360	0.432
	Right	0.457	0.013	0.013	0.013	0.008	-	0.013	0.012	0.470	0.470	0.470	0.465	0.457	0.470	0.483	0.478	0.470	0.477	0.469
	Top	0.276	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.543	0.297	0.468	0.842	0.494	0.505	0.526	1.071	0.723	0.860	0.512
	Bottom	0.103	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.123	0.217	0.218	0.559	0.173	0.123	0.237	0.579	0.193	0.673	0.287
NR n25	Rear	0.891	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.650	1.148	1.605	1.415	1.302	1.537	1.794	2.061	1.948	1.657	1.544
	Left	0.046	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.662	0.439	0.256	1.074	0.146	0.411	0.804	1.439	0.511	1.324	0.396
	Right	0.759	0.013	0.013	0.013	0.008	-	0.013	0.012	0.772	0.772	0.772	0.767	0.759	0.772	0.785	0.780	0.772	0.779	0.771
	Top	1.045	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.312	1.066	1.237	1.611	1.263	1.274	1.295	1.840	1.492	1.629	1.281
	Bottom	0.062	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.082	0.176	0.177	0.518	0.132	0.082	0.196	0.538	0.152	0.632	0.246
NR n30	Rear	0.604	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.363	0.861	1.318	1.128	1.015	1.250	1.507	1.774	1.661	1.370	1.257
	Left	0.031	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.647	0.424	0.241	1.059	0.131	0.396	0.789	1.424	0.496	1.309	0.381
	Right	0.206	0.013	0.013	0.013	0.008	-	0.013	0.012	0.219	0.219	0.219	0.214	0.206	0.219	0.232	0.227	0.219	0.226	0.218
	Top	0.591	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.858	0.612	0.783	1.157	0.809	0.820	0.841	1.386	1.038	1.175	0.827
	Bottom	0.037	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.057	0.151	0.152	0.493	0.107	0.057	0.171	0.513	0.127	0.607	0.221
NR n41 (SRS 1)	Rear	0.477	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.236	0.734	1.191	1.001	0.888	1.123	1.380	1.647	1.534	1.243	1.130
	Left	0.022	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.638	0.415	0.232	1.050	0.122	0.387	0.780	1.415	0.487	1.300	0.372
	Right	0.152	0.013	0.013	0.013	0.008	-	0.013	0.012	0.165	0.165	0.165	0.160	0.152	0.165	0.178	0.173	0.165	0.172	0.164
	Top	0.301	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.568	0.322	0.493	0.867	0.519	0.530	0.551	1.096	0.748	0.885	0.537
	Bottom	0.026	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.046	0.140	0.141	0.482	0.096	0.046	0.160	0.502	0.116	0.596	0.210
NR n41 (SRS 2)	Rear	0.168	0.759	0.257	0.714	0.524	0.411	0.646	0.242	0.927	0.425	0.882	0.692	0.579	0.814	1.071	1.338	1.225	0.934	0.821
	Left	0.002	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.618	0.395	0.212	1.030	0.102	0.367	0.760	1.395	0.467	1.280	0.352
	Right	0.050	0.013	0.013	0.013	0.008	-	0.013	0.012	0.063	0.063	0.063	0.058	0.050	0.063	0.076	0.071	0.063	0.070	0.062
	Top	0.002	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.269	0.023	0.194	0.568	0.220	0.231	0.252	0.797	0.449	0.586	0.238
	Bottom	0.073	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.093	0.187	0.188	0.529	0.143	0.093	0.207	0.549	0.163	0.643	0.257
NR n41 (SRS 3)	Rear	0.324	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.083	0.581	1.038	0.848	0.735	0.970	1.227	1.494	1.381	1.090	0.977
	Left	0.028	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.644	0.421	0.238	1.056	0.128	0.393	0.786	1.421	0.493	1.306	0.378
	Right	0.002	0.013	0.013	0.013	0.008	-	0.013	0.012	0.015	0.015	0.015	0.010	0.002	0.015	0.028	0.023	0.015	0.022	0.014
	Top	0.063	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.330	0.084	0.255	0.629	0.281	0.292	0.313	0.858	0.510	0.647	0.299
	Bottom	0.002	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.022	0.116	0.117	0.458	0.072	0.022	0.136	0.478	0.092	0.572	0.186
NR n41 (SRS 4)	Rear	0.262	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.021	0.519	0.976	0.786	0.673	0.908	1.165	1.432	1.319	1.028	0.915
	Left	0.002	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.618	0.395	0.212	1.030	0.102	0.367	0.760	1.395	0.467	1.280	0.352
	Right	0.124	0.013	0.013	0.013	0.008	-	0.013	0.012	0.137	0.137	0.137	0.132	0.124	0.137	0.150	0.145	0.137	0.144	0.136
	Top	0.005	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.272	0.026	0.197	0.571	0.223	0.234	0.255	0.800	0.452	0.589	0.241
	Bottom	0.160	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.180	0.274	0.275	0.616	0.230	0.180	0.294	0.636	0.250	0.730	0.344
NR n48 (SRS 1)	Rear	0.414	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.173	0.671	1.128	0.938	0.825	1.060	1.317	1.584	1.471	1.180	1.067
	Left	0.007	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.623	0.400	0.217	1.035	0.107	0.372	0.765	1.400	0.472	1.285	0.357
	Right	0.109	0.013	0.013	0.013	0.008	-	0.013	0.012	0.122	0.122	0.122	0.117	0.109	0.122	0.135	0.130	0.122	0.129	0.121
	Top	0.015	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.282	0.036	0.207	0.581	0.233	0.244	0.265	0.810	0.462	0.599	0.251
	Bottom	0.109	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.129	0.223	0.224	0.565	0.179	0.129	0.243	0.585	0.199	0.679	0.293
NR n48 (SRS 2)	Rear	0.903	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.662	1.160	1.617	1.427	1.314	1.549	1.806	2.073	1.960	1.669	1.556
	Left	0.002	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.618	0.395	0.212	1.030	0.102	0.367	0.760	1.395	0.467	1.280	0.352
	Right	0.017	0.013	0.013	0.013	0.008	-	0.013	0.012	0.030	0.030	0.030	0.025	0.017	0.030	0.043	0.038	0.030	0.037	0.029
	Top	0.287	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.554	0.308	0.479	0.853	0.505	0.516	0.537	1.082	0.734	0.871	0.523
	Bottom	0.003	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.023	0.117	0.118	0.459	0.073	0.023	0.137	0.479	0.093	0.573	0.187
NR n48 (SRS 3)	Rear	0.910	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.669	1.167	1.624	1.434	1.321	1.556	1.813	2.080	1.967	1.676	1.563
	Left	0.002	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.618	0.395	0.212	1.030	0.102	0.367	0.760	1.395	0.467	1.280	0.352
	Right	0.131	0.013	0.013	0.013	0.008	-	0.013	0.012	0.144	0.144	0.144	0.139	0.131	0.144	0.157	0.152	0.144	0.151	0.143
	Top	0.003	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.270	0.024	0.195	0.569	0.221	0.232	0.253	0.798	0.450	0.587	0.239
	Bottom	0.332	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.352	0.446	0.447	0.788	0.402	0.352	0.466	0.808	0.422	0.902	0.516
NR n48 (SRS 4)	Rear	0.241	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.000	0.498	0.955	0.765	0.652	0.887	1.144	1.411	1.298	1.007	0.894
	Left	0.099	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.715	0.492	0.309	1.127	0.199	0.464	0.857	1.492	0.564	1.377	0.449
	Right	0.006	0.013	0.013	0.013	0.008	-	0.013	0.012	0.019	0.019	0.019	0.014	0.006	0.019	0.032	0.027	0.019	0.026	0.018
	Top	0.282	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.549	0.303	0.474	0.848	0.500	0.511	0.532	1.077	0.729	0.866	0.518
	Bottom	0.006	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.026	0.120	0.121	0.462	0.076	0.026	0.140	0.482	0.096	0.576	0.190

Band / Position (Body)		Band								Scenario										
		Licensed	WLAN					Bluetooth		No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11
			2.4 GHz			5 GHz	6 GHz													
			Ant.1	Ant.2	MIMO	MIMO	MIMO	Ant.1	Ant.2											
		[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]	[①+②]	[①+③]	[①+④]	[①+⑤]	[①+⑥]	[①+⑦]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]	[①+⑥+⑧]
NR n66	Rear	0.799	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.558	1.056	1.513	1.323	1.210	1.445	1.702	1.969	1.856	1.565	1.452
	Left	0.051	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.667	0.444	0.261	1.079	0.151	0.416	0.809	1.444	0.516	1.329	0.401
	Right	0.329	0.013	0.013	0.013	0.008	-	0.013	0.012	0.342	0.342	0.342	0.337	0.329	0.342	0.355	0.350	0.342	0.349	0.341
	Top	0.997	0.267	0.021	0.192	0.566	0.218	0.229	0.018	1.264	1.018	1.189	1.563	1.215	1.226	1.247	1.792	1.444	1.581	1.233
	Bottom	0.068	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.088	0.182	0.183	0.524	0.138	0.088	0.202	0.544	0.158	0.638	0.252
NR n71	Rear	0.440	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.199	0.697	1.154	0.964	0.851	1.086	1.343	1.610	1.497	1.206	1.093
	Left	0.099	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.715	0.492	0.309	1.127	0.199	0.464	0.857	1.492	0.564	1.377	0.449
	Right	0.270	0.013	0.013	0.013	0.008	-	0.013	0.012	0.283	0.283	0.283	0.278	0.270	0.283	0.296	0.291	0.283	0.290	0.282
	Top	0.166	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.433	0.187	0.358	0.732	0.384	0.395	0.416	0.961	0.613	0.750	0.402
	Bottom	0.122	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.142	0.236	0.237	0.578	0.192	0.142	0.256	0.598	0.212	0.692	0.306
NR n77 (SRS 1)	Rear	0.661	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.420	0.918	1.375	1.185	1.072	1.307	1.564	1.831	1.718	1.427	1.314
	Left	0.018	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.634	0.411	0.228	1.046	0.118	0.383	0.776	1.411	0.483	1.296	0.368
	Right	0.133	0.013	0.013	0.013	0.008	-	0.013	0.012	0.146	0.146	0.146	0.141	0.133	0.146	0.159	0.154	0.146	0.153	0.145
	Top	0.599	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.866	0.620	0.791	1.165	0.817	0.828	0.849	1.394	1.046	1.183	0.835
	Bottom	0.021	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.041	0.135	0.136	0.477	0.091	0.041	0.155	0.497	0.111	0.591	0.205
NR n77 (SRS 2)	Rear	0.419	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.178	0.676	1.133	0.943	0.830	1.065	1.322	1.589	1.476	1.185	1.072
	Left	0.102	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.718	0.495	0.312	1.130	0.202	0.467	0.860	1.495	0.567	1.380	0.452
	Right	0.006	0.013	0.013	0.013	0.008	-	0.013	0.012	0.019	0.019	0.019	0.014	0.006	0.019	0.032	0.027	0.019	0.026	0.018
	Top	0.036	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.303	0.057	0.228	0.602	0.254	0.265	0.286	0.831	0.483	0.620	0.272
	Bottom	0.006	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.026	0.120	0.121	0.462	0.076	0.026	0.140	0.482	0.096	0.576	0.190
NR n77 (SRS 3)	Rear	0.910	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.669	1.167	1.624	1.434	1.321	1.556	1.813	2.080	1.967	1.676	1.563
	Left	0.002	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.618	0.395	0.212	1.030	0.102	0.367	0.760	1.395	0.467	1.280	0.352
	Right	0.107	0.013	0.013	0.013	0.008	-	0.013	0.012	0.120	0.120	0.120	0.115	0.107	0.120	0.133	0.128	0.120	0.127	0.119
	Top	0.004	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.271	0.025	0.196	0.570	0.222	0.233	0.254	0.799	0.451	0.588	0.240
	Bottom	0.170	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.190	0.284	0.285	0.626	0.240	0.190	0.304	0.646	0.260	0.740	0.354
NR n77 (SRS 4)	Rear	1.203	0.759	0.257	0.714	0.524	0.411	0.646	0.242	1.962	1.460	1.917	1.727	1.614	1.849	2.106	2.373	2.260	1.969	1.856
	Left	0.003	0.616	0.393	0.210	1.028	0.100	0.365	0.250	0.619	0.396	0.213	1.031	0.103	0.368	0.761	1.396	0.468	1.281	0.353
	Right	0.213	0.013	0.013	0.013	0.008	-	0.013	0.012	0.226	0.226	0.226	0.221	0.213	0.226	0.239	0.234	0.226	0.233	0.225
	Top	0.005	0.267	0.021	0.192	0.566	0.218	0.229	0.018	0.272	0.026	0.197	0.571	0.223	0.234	0.255	0.800	0.452	0.589	0.241
	Bottom	0.468	0.020	0.114	0.115	0.456	0.070	0.020	0.114	0.488	0.582	0.583	0.924	0.538	0.488	0.602	0.944	0.558	1.038	0.652

Notes:

- Simultaneous transmission SAR test exclusion considerations
  Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneously transmitting antenna. When the sum of 1-g or 10-g SAR of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit, SAR test exclusion applies to that simultaneous transmission configuration. Per KDB Publication 447498 D04v01.
- When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR1g 1.6 W/kg), the SPLSR procedures is not required. When the sum of SAR1g is greater than the SAR limit (SAR1g 1.6 W/kg), SAR test exclusion is determined by the SPLSR.
- Green entries was applied estimated SAR values.
- Yellow entries was verified in section 13.2 by the SPLSR.
- For WLAN 6 GHz values, please refer to the SAR Report_Part1_WIFI6E.
- Simultaneous transmission analysis was applied considering the worst case scenario in SAR values of DSI 0 & DSI 1 states.

13.2 SAR to Peak Location Separation Ratio Analysis

The simultaneous transmitting antennas in each operating mode and exposure condition combination are considered one pair at a time to determine the SPLSR. When SAR is measured for both antennas in the pair, the peak location separation distance is computed by the following formula.

$$\text{Peak Location Separation Distance} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2}$$

Where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the area or zoom scans.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna. Due to curvatures on the SAM phantom, when SAR is estimated for one of the antennas in an antenna pair, the measured peak SAR location will be translated onto the test device to determine the peak location separation for the antenna pair.

The SPLSR is determined by the following formula.

$$\text{SPLSR} = \frac{(\text{SAR}_1 + \text{SAR}_2)^{1.5}}{R_i}$$

Where SAR_1 and SAR_2 are the highest reported or estimated SAR for each antenna in the pair, and R_i is the separation distance between the peak SAR locations for the antenna pair in mm.

When the SPLSR is <= 0.04, <= 0.10 (10g) the simultaneous transmission SAR is not required. Otherwise, the enlarged zoom scan and volume scan post-processing procedures will be performed.

13.2.1 Maximum Worst case Summary

Band	Position	Simultaneous Scenario No.	Scenario	Summation	Highest SPLSR ≤ 0.04 Limit	Volume scan Required (Yes / No)
WCDMA II	Rear	No.1	[①+②]	1.698	0.01	No
		No.3	[①+④]	1.653	0.01	No
		No.7	[①+③+⑦]	1.842	0.02	No
		No.8	[①+⑤+⑦]	2.109	0.02	No
		No.9	[①+⑥+⑦]	1.996	0.02	No
		No.10	[①+⑤+⑧]	1.705	0.01	No
	Top	No.4	[①+⑤]	1.698	0.01	No
		No.8	[①+⑤+⑦]	1.927	0.02	No
		No.10	[①+⑤+⑧]	1.716	0.01	No
WCDMA IV	Rear	No.7	[①+③+⑦]	1.678	0.01	No
		No.8	[①+⑤+⑦]	1.945	0.02	No
		No.9	[①+⑥+⑦]	1.832	0.01	No
	Top	No.4	[①+⑤]	1.601	0.01	No
		No.8	[①+⑤+⑦]	1.830	0.02	No
		No.10	[①+⑤+⑧]	1.619	0.01	No
LTE Band 7	Rear	No.7	[①+③+⑦]	1.604	0.01	No
		No.8	[①+⑤+⑦]	1.871	0.02	No
		No.9	[①+⑥+⑦]	1.758	0.02	No
LTE Band 14	Rear	No.8	[①+⑤+⑦]	1.622	0.01	No
LTE Band 25	Rear	No.1	[①+②]	1.693	0.01	No
		No.3	[①+④]	1.648	0.01	No
		No.7	[①+③+⑦]	1.837	0.02	No
		No.8	[①+⑤+⑦]	2.104	0.02	No
		No.9	[①+⑥+⑦]	1.991	0.02	No
		No.10	[①+⑤+⑧]	1.700	0.01	No
	Top	No.4	[①+⑤]	1.838	0.01	No
		No.8	[①+⑤+⑦]	2.067	0.02	No
		No.9	[①+⑥+⑦]	1.719	0.01	No
		No.10	[①+⑤+⑧]	1.856	0.01	No
LTE Band 25 (Sub)	Rear	No.8	[①+⑤+⑦]	1.633	0.01	No
LTE Band 26	Rear	No.8	[①+⑤+⑦]	1.690	0.01	No
LTE Band 30	Rear	No.7	[①+③+⑦]	1.727	0.02	No
		No.8	[①+⑤+⑦]	1.994	0.02	No
		No.9	[①+⑥+⑦]	1.881	0.02	No
LTE Band 30 (Sub)	Rear	No.8	[①+⑤+⑦]	1.683	0.01	No

Band	Position	Simultaneous Scenario No.	Scenario	Summation	Highest SPLSR ≤ 0.04 Limit	Volume scan Required (Yes / No)
LTE Band 41	Rear	No.7	[①+③+⑦]	1.718	0.02	No
		No.8	[①+⑤+⑦]	1.985	0.02	No
		No.9	[①+⑥+⑦]	1.872	0.02	No
LTE Band 48	Rear	No.8	[①+⑤+⑦]	1.606	0.01	No
LTE Band 66	Rear	No.7	[①+③+⑦]	1.671	0.01	No
		No.8	[①+⑤+⑦]	1.938	0.02	No
		No.9	[①+⑥+⑦]	1.825	0.01	No
5G NR n5	Rear	No.8	[①+⑤+⑦]	1.774	0.01	No
		No.9	[①+⑥+⑦]	1.661	0.01	No
5G NR n25	Rear	No.1	[①+②]	1.650	0.01	No
		No.3	[①+④]	1.605	0.01	No
		No.7	[①+③+⑦]	1.794	0.01	No
		No.8	[①+⑤+⑦]	2.061	0.02	No
		No.9	[①+⑥+⑦]	1.948	0.02	No
		No.10	[①+⑤+⑧]	1.657	0.01	No
	Top	No.4	[①+⑤]	1.611	0.01	No
		No.8	[①+⑤+⑦]	1.840	0.01	No
		No.10	[①+⑤+⑧]	1.629	0.01	No
5G NR n30	Rear	No.8	[①+⑤+⑦]	1.774	0.02	No
		No.9	[①+⑥+⑦]	1.661	0.02	No
5G NR n41 SRS 1	Rear	No.8	[①+⑤+⑦]	1.647	0.02	No
5G NR n48 SRS 2	Rear	No.1	[①+②]	1.662	0.02	No
		No.3	[①+④]	1.617	0.02	No
		No.7	[①+③+⑦]	1.806	0.02	No
		No.8	[①+⑤+⑦]	2.073	0.02	No
		No.9	[①+⑥+⑦]	1.960	0.02	No
		No.10	[①+⑤+⑧]	1.669	0.02	No
5G NR n48 SRS 3	Rear	No.1	[①+②]	1.669	0.01	No
		No.3	[①+④]	1.624	0.01	No
		No.7	[①+③+⑦]	1.813	0.01	No
		No.8	[①+⑤+⑦]	2.080	0.01	No
		No.9	[①+⑥+⑦]	1.967	0.01	No
		No.10	[①+⑤+⑧]	1.676	0.01	No
5G NR n66	Rear	No.7	[①+③+⑦]	1.702	0.01	No
		No.8	[①+⑤+⑦]	1.969	0.02	No
		No.9	[①+⑥+⑦]	1.856	0.01	No
	Top	No.8	[①+⑤+⑦]	1.792	0.01	No

Band	Position	Simultaneous Scenario No.	Scenario	Summation	Highest SPLSR ≤ 0.04 Limit	Volume scan Required (Yes / No)
5G NR n71	Rear	No.8	[①+⑤+⑦]	1.610	0.01	No
5G NR n77 SRS 1	Rear	No.8	[①+⑤+⑦]	1.831	0.02	No
		No.9	[①+⑥+⑦]	1.718	0.02	No
5G NR n77 SRS 3	Rear	No.1	[①+②]	1.669	0.01	No
		No.3	[①+④]	1.624	0.01	No
		No.7	[①+③+⑦]	1.813	0.01	No
		No.8	[①+⑤+⑦]	2.080	0.01	No
		No.9	[①+⑥+⑦]	1.967	0.01	No
		No.10	[①+⑤+⑧]	1.676	0.01	No
5G NR n77 SRS 4	Rear	No.1	[①+②]	1.962	0.01	No
		No.3	[①+④]	1.917	0.01	No
		No.4	[①+⑤]	1.727	0.01	No
		No.5	[①+⑥]	1.614	0.01	No
		No.6	[①+⑦]	1.849	0.01	No
		No.7	[①+③+⑦]	2.106	0.02	No
		No.8	[①+⑤+⑦]	2.373	0.02	No
		No.9	[①+⑥+⑦]	2.260	0.01	No
		No.10	[①+⑤+⑧]	1.969	0.02	No
		No.11	[①+⑥+⑧]	1.856	0.01	No

13.2.2 SPLSR Analysis

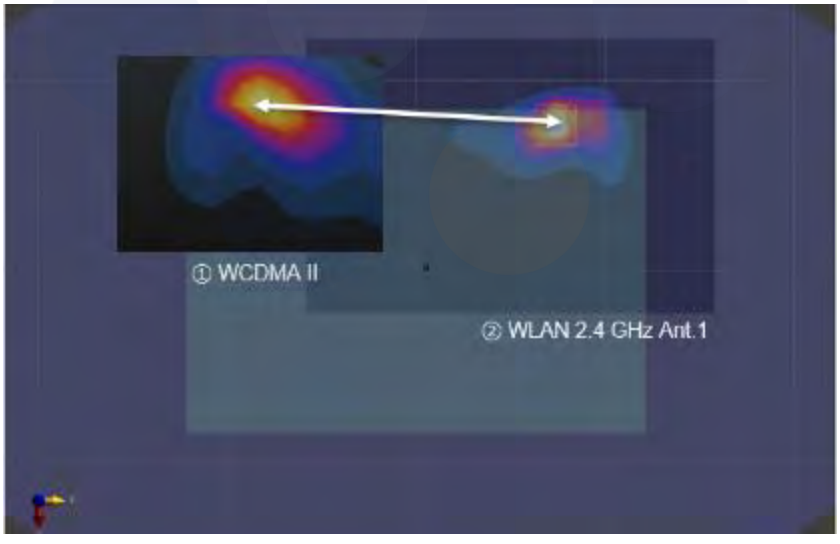
13.2.2.1 WCDMA II

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.698	1.653	1.842	2.109	1.996	1.705
Volume scan	Not Required					

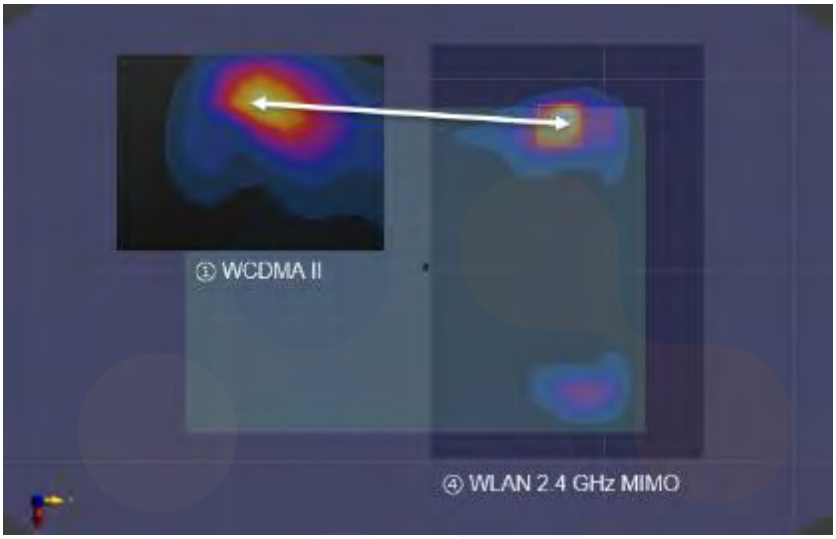
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.698

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	158.84	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



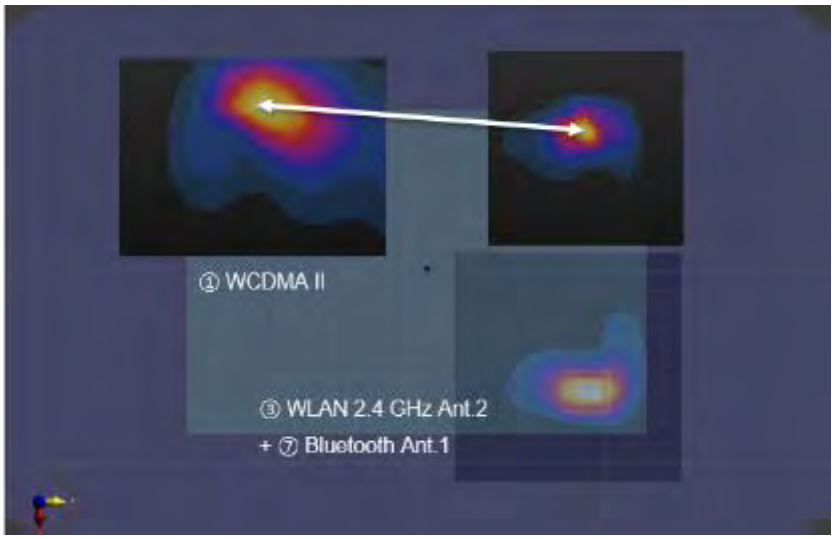
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.653

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	161.22	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



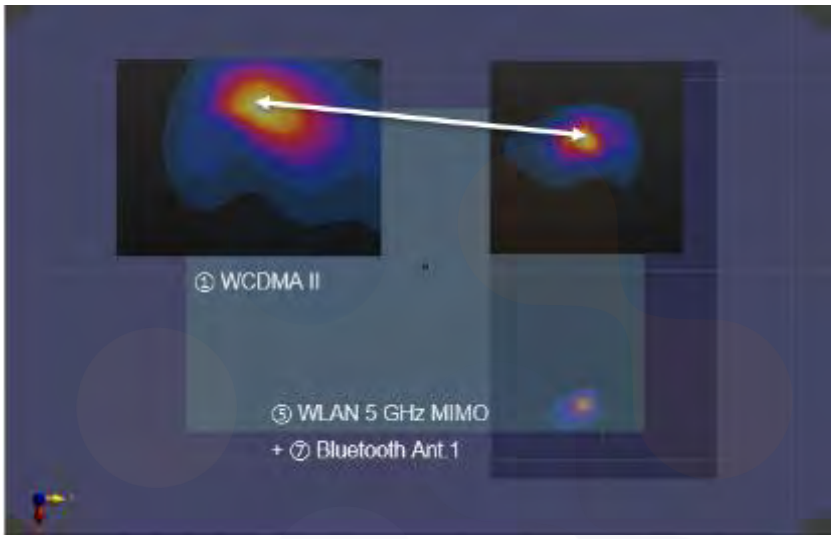
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.842

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	168.81	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



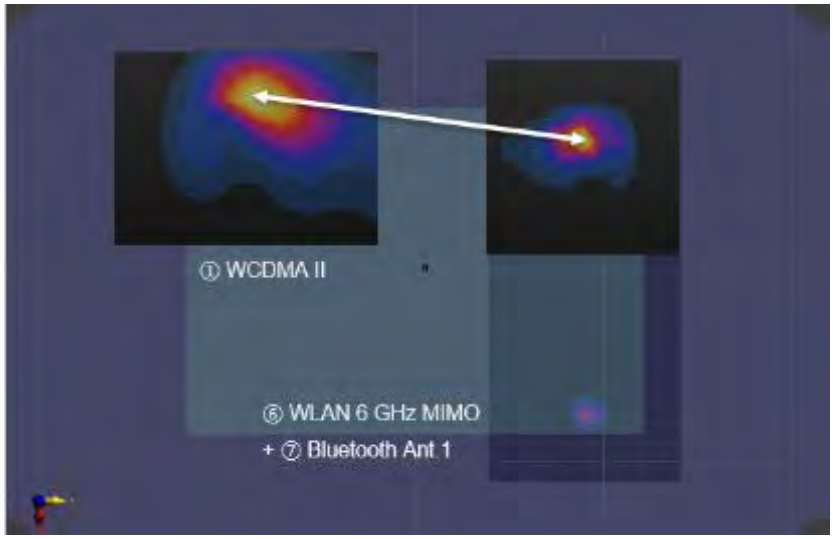
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.109

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	168.81	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



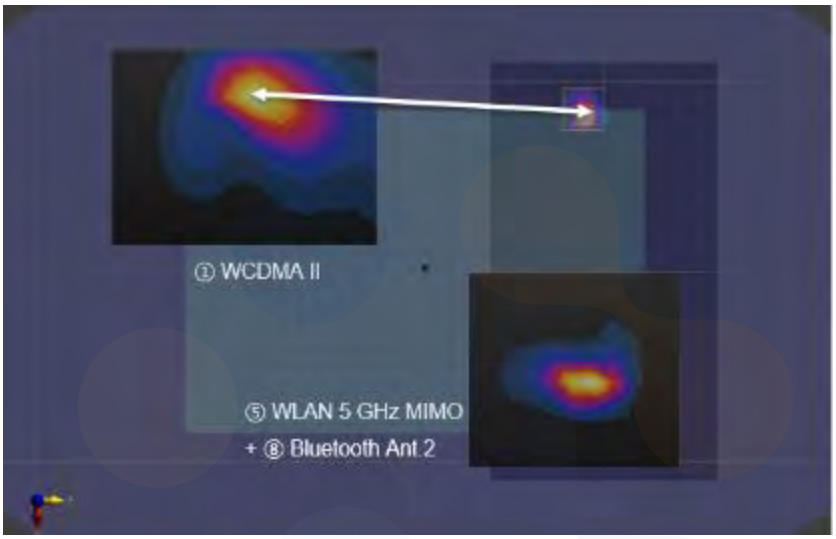
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.996

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	168.81	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.705

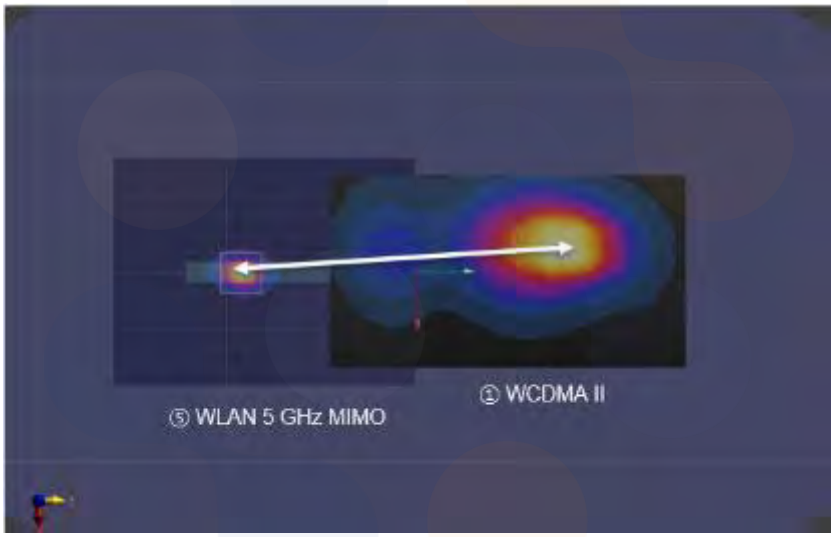
Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	0.939	-0.09150	-0.08020	-0.18500	169.05	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	-0.08220	0.08840	-0.17700		



Position	Top		
Scenario No.	No.4	No.8	No.10
Scenario	[①+⑤]	[①+⑤+⑦]	[①+⑤+⑧]
Summation	1.698	1.927	1.716
Volume scan	Not Required		

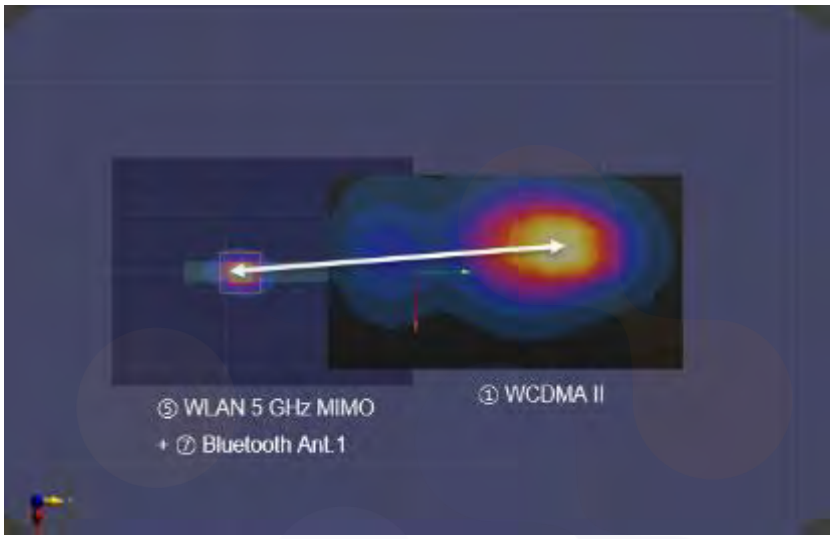
Scenario No.	Scenario	Position	SUM
No.4	[①+⑤]	Top	1.698

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	1.132	-0.01350	0.08090	-0.18600	175.43	0.01
⑤ WLAN 5 GHz MIMO	0.566	0.00210	-0.09360	-0.17700		



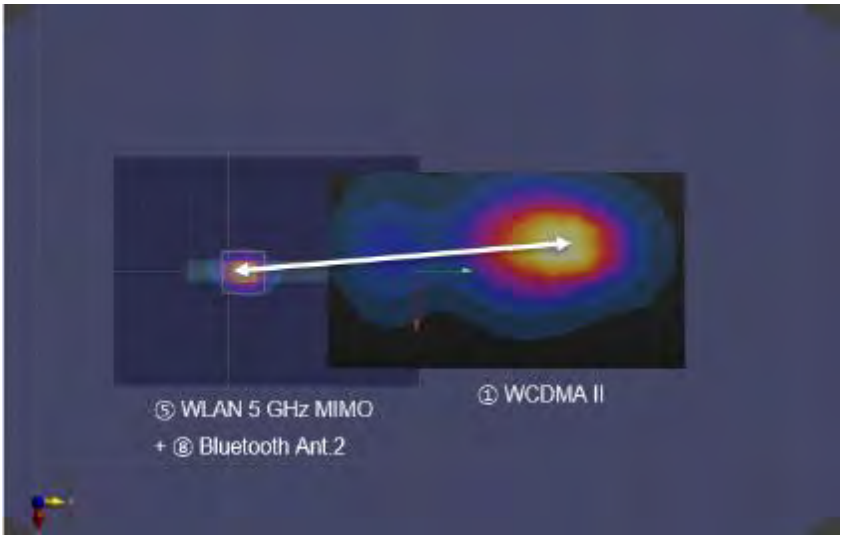
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Top	1.927

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	1.132	-0.01350	0.08090	-0.18600	175.43	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	0.795	0.00210	-0.09360	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Top	1.716

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA II	1.132	-0.01350	0.08090	-0.18600	175.43	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.584	0.00210	-0.09360	-0.17700		



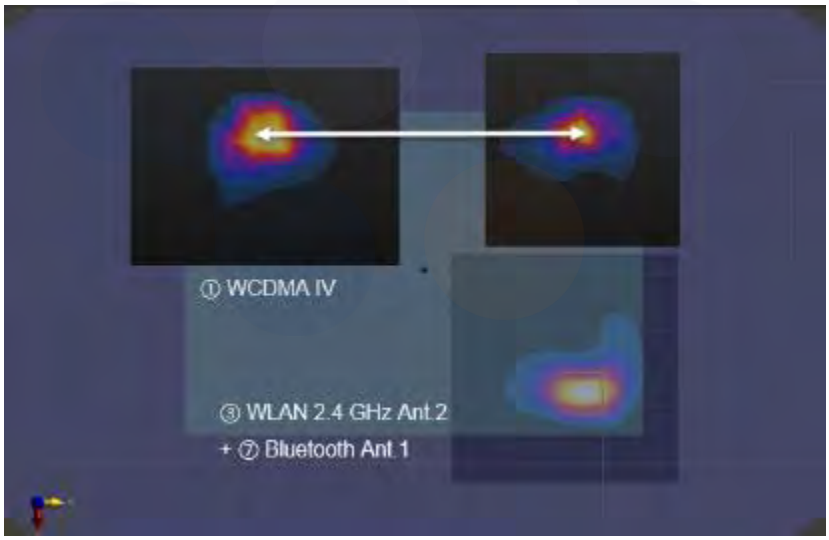
13.2.2.2 WCDMA IV

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear			Top		
Scenario No.	No.7	No.8	No.9	No.4	No.8	No.10
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤]	[①+⑤+⑦]	[①+⑤+⑧]
Summation	1.678	1.945	1.832	1.601	1.830	1.619
Volume scan	Not Required					

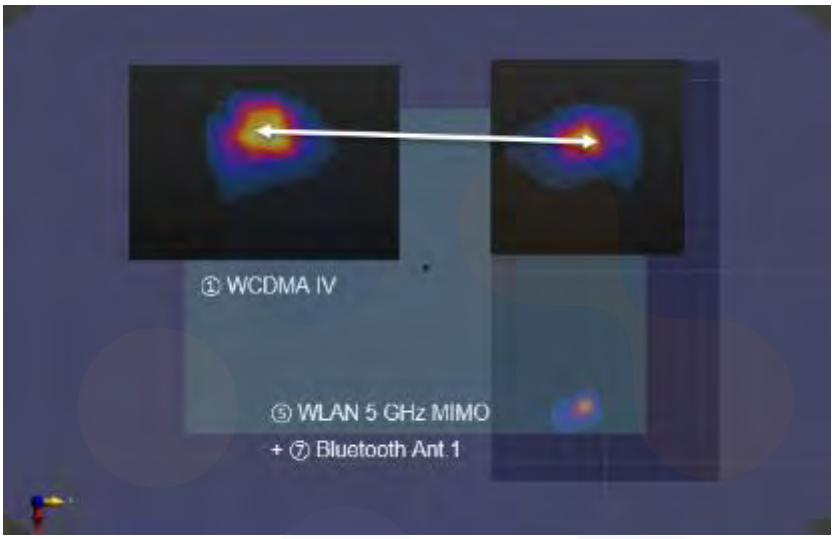
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.678

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	0.775	-0.08090	-0.08600	-0.18500	174.03	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



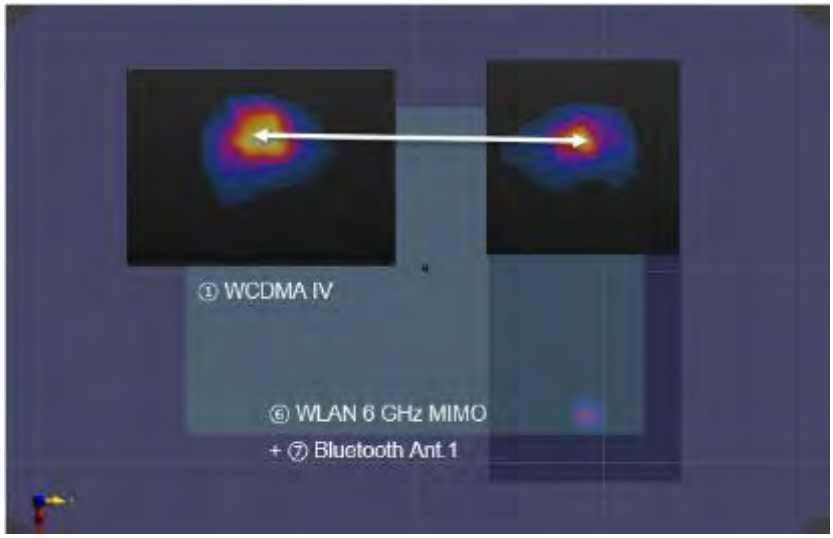
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.945

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	0.775	-0.08090	-0.08600	-0.18500	174.03	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



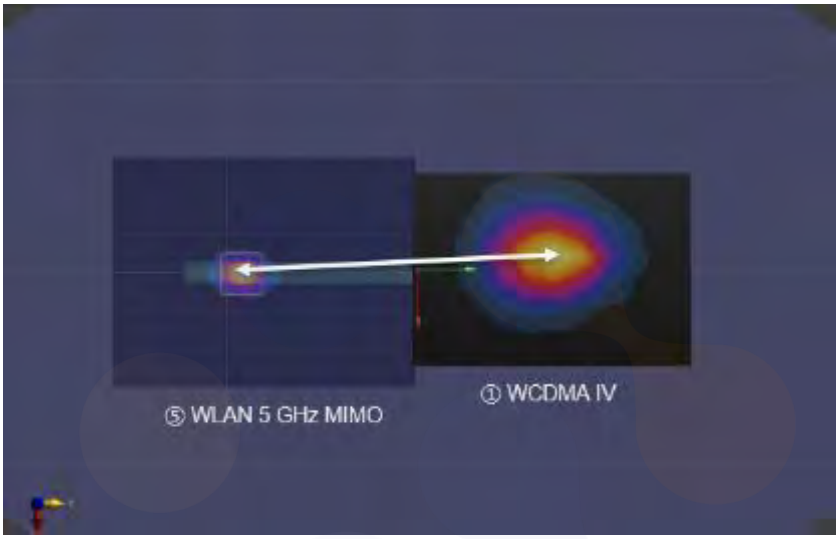
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.832

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	0.775	-0.08090	-0.08600	-0.18500	174.03	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



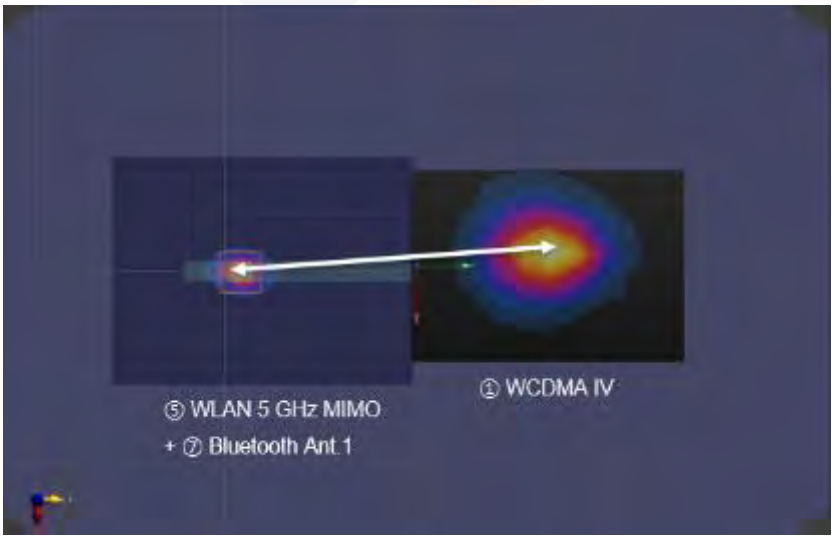
Scenario No.	Scenario	Position	SUM
No.4	[①+⑤]	Top	1.601

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	1.035	-0.00750	0.07510	-0.18600	169.21	0.01
⑤ WLAN 5 GHz MIMO	0.566	0.00210	-0.09360	-0.17700		



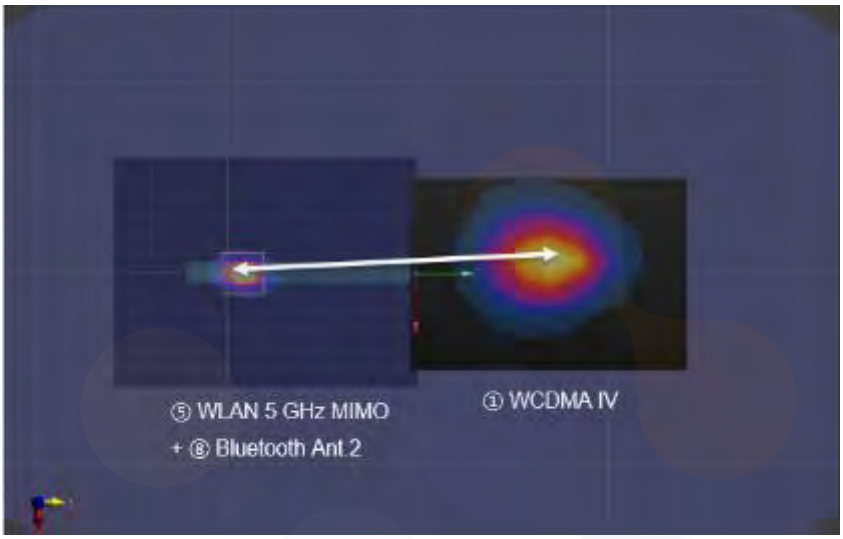
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Top	1.830

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	1.035	-0.00750	0.07510	-0.18600	169.21	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	0.795	0.00210	-0.09360	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Top	1.619

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① WCDMA IV	1.035	-0.00750	0.07510	-0.18600	169.21	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.584	0.00210	-0.09360	-0.17700		



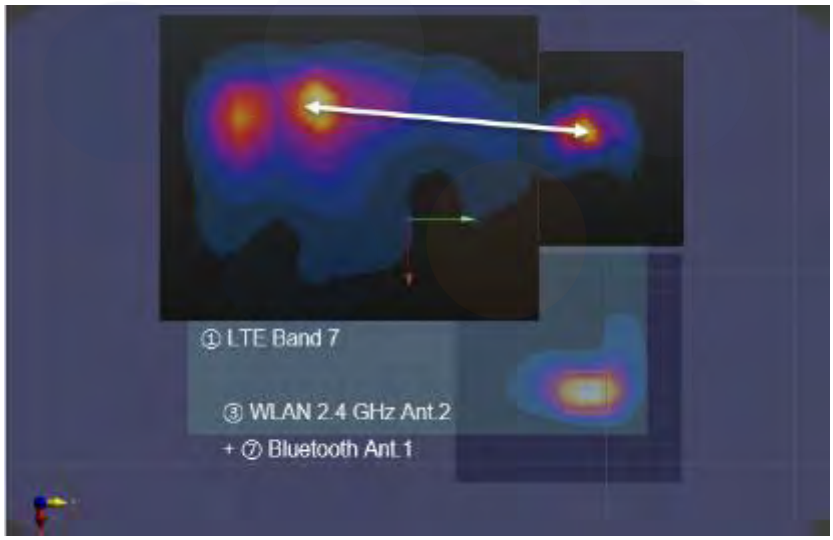
13.2.2.3 LTE Band 7

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear		
Scenario No.	No.7	No.8	No.9
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.604	1.871	1.758
Volume scan	Not Required		

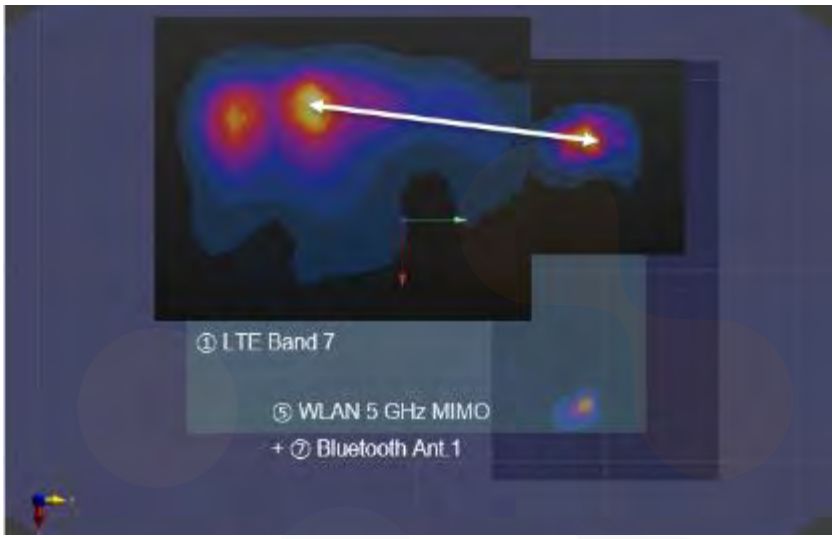
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.604

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 7	0.701	-0.06740	-0.05500	-0.17700	143.12	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



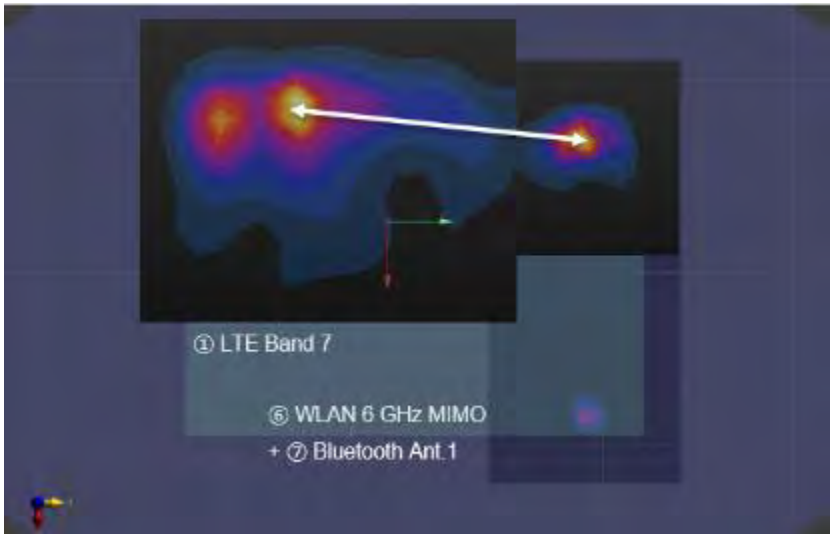
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.871

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 7	0.701	-0.06740	-0.05500	-0.17700	143.12	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.758

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 7	0.701	-0.06740	-0.05500	-0.17700	143.12	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



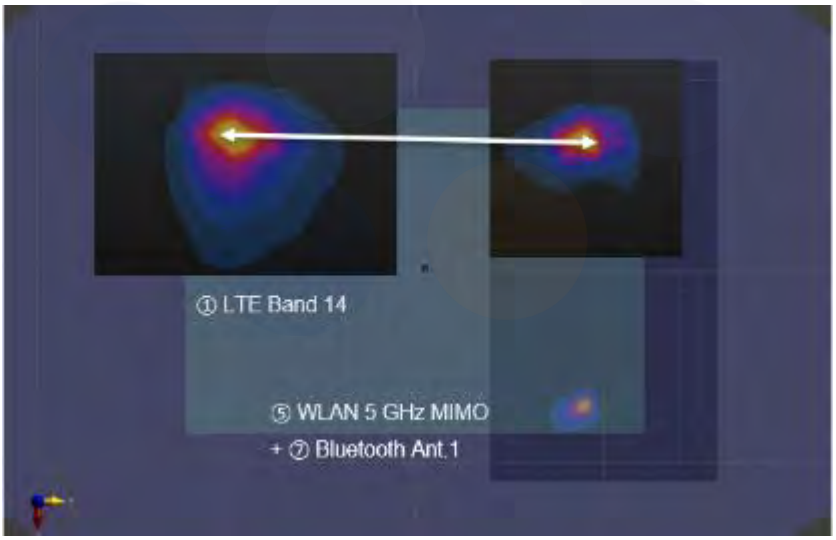
13.2.2.4 LTE Band 14

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.622
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.622

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 14	0.452	-0.07950	-0.10300	-0.18500	190.98	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



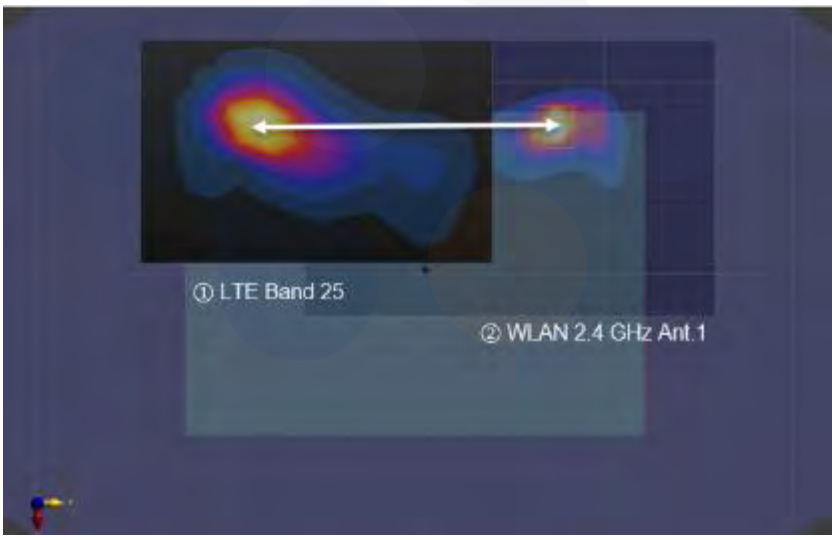
13.2.2.5 LTE Band 25

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.693	1.648	1.837	2.104	1.991	1.700
Volume scan	Not Required					

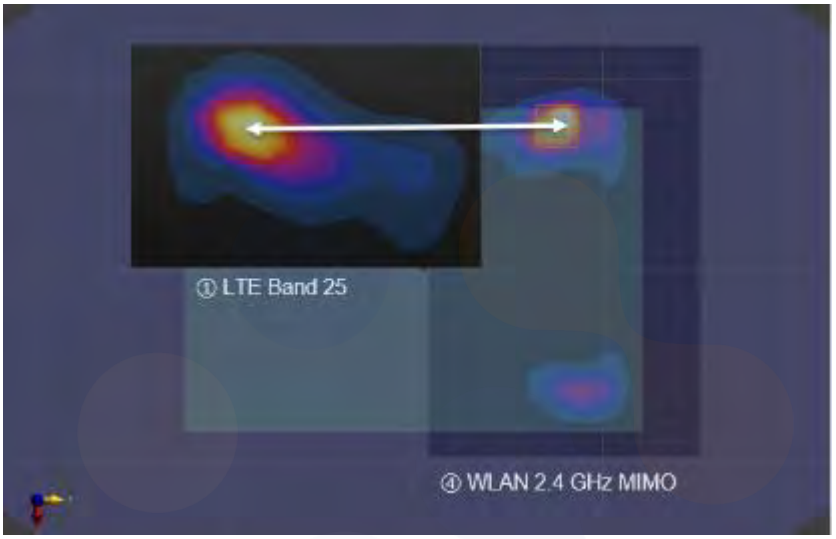
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.693

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	157.46	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



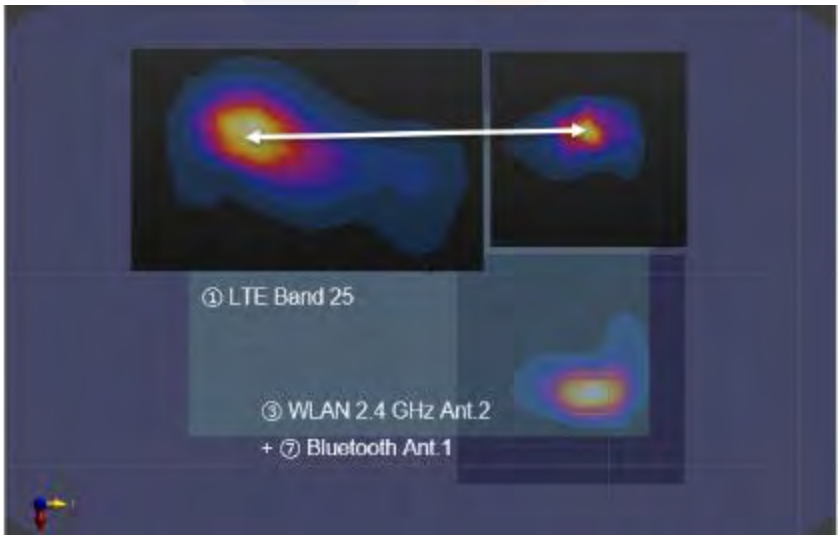
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.648

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	159.79	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



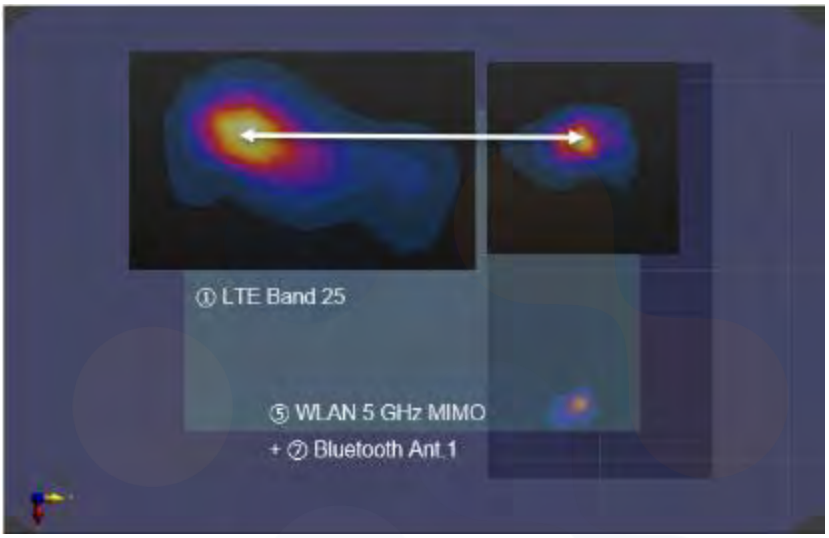
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.837

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	167.35	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



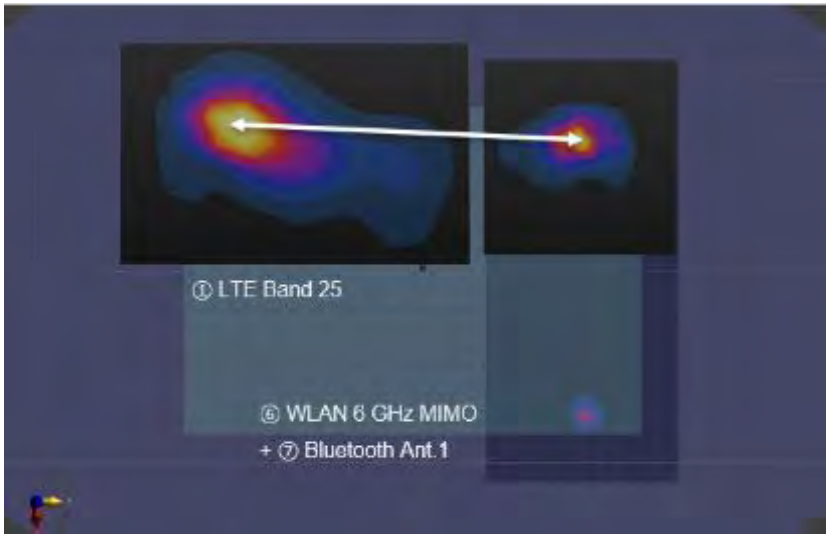
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.104

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	167.35	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



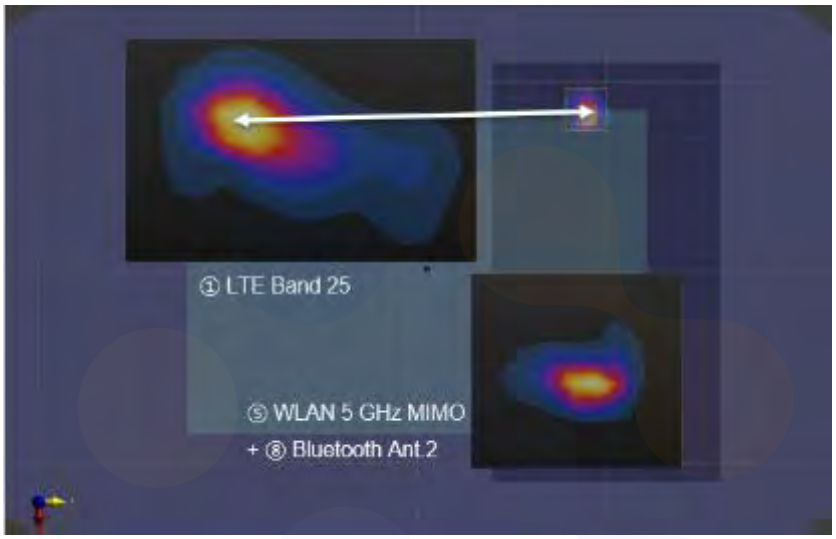
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.991

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	167.35	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.700

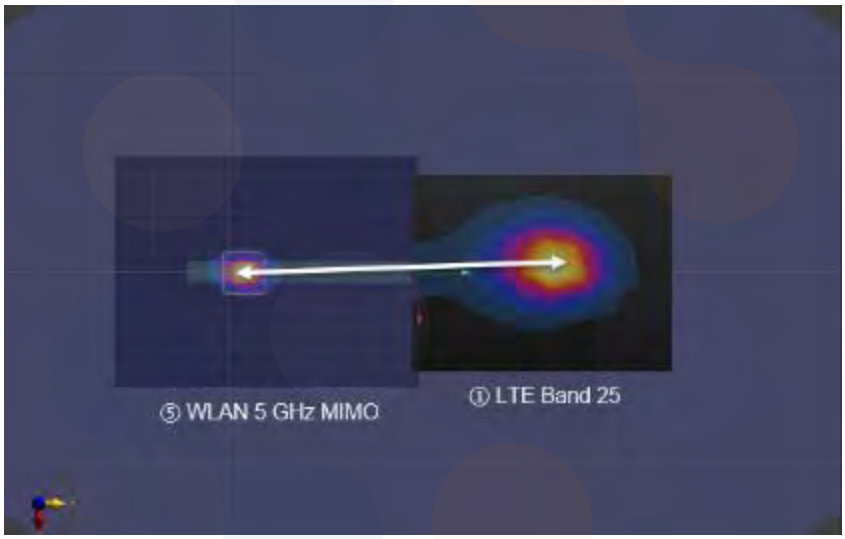
Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	0.934	-0.08400	-0.07940	-0.17700	167.81	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	-0.08220	0.08840	-0.17700		



Position	Top			
Scenario No.	No.4	No.8	No.9	No.10
Scenario	[①+⑤]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.838	2.067	1.719	1.856
Volume scan	Not Required			

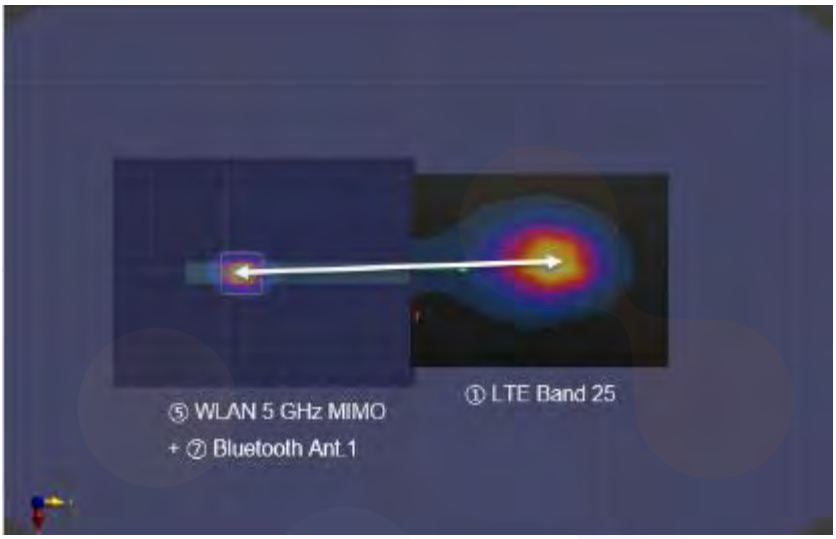
Scenario No.	**Scenario**	**Position**	**SUM**
No.4	[①+⑤]	Top	1.838

Mode	**SAR Ratio**	**Coordinates**			**Distance (mm)**	**SPLSR Result**
		X	Y	Z		
① LTE Band 25	1.272	-0.00440	0.08290	-0.17700	176.62	0.01
⑤ WLAN 5 GHz MIMO	0.566	0.00210	-0.09360	-0.17700		



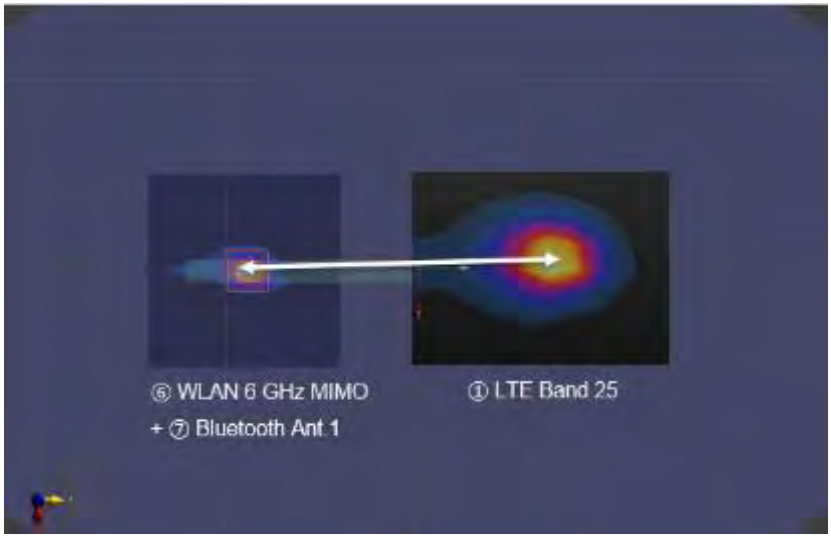
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Top	2.067

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	1.272	-0.00440	0.08290	-0.17700	176.62	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	0.795	0.00210	-0.09360	-0.17700		



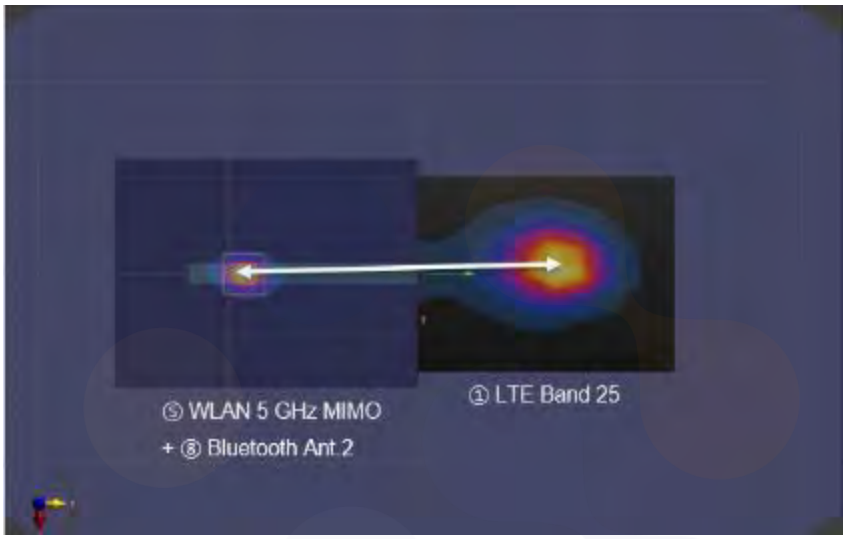
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Top	1.719

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	1.272	-0.00440	0.08290	-0.17700	169.41	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	0.447	0.00180	-0.08640	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Top	1.856

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25	1.272	-0.00440	0.08290	-0.17700	176.62	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.584	0.00210	-0.09360	-0.17700		



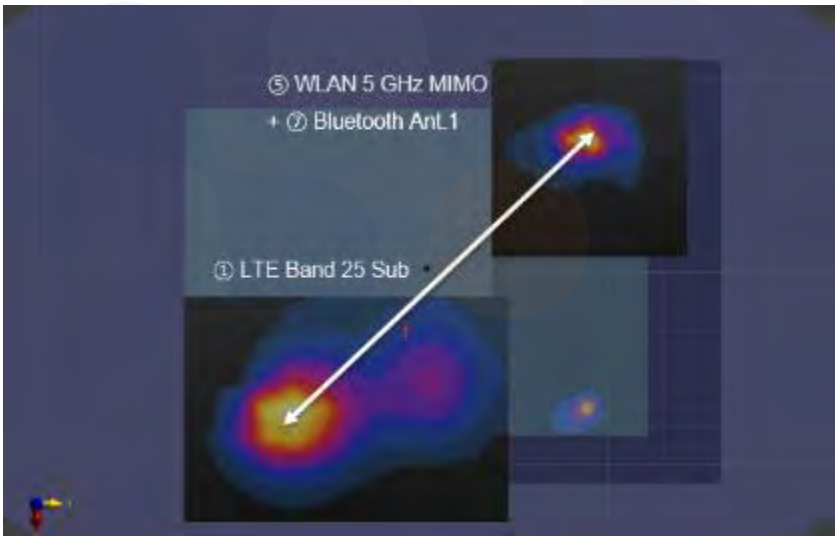
13.2.2.6 LTE Band 25 (Sub)

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.633
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.633

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 25 (Sub)	0.463	0.07450	-0.06270	-0.18400	213.66	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



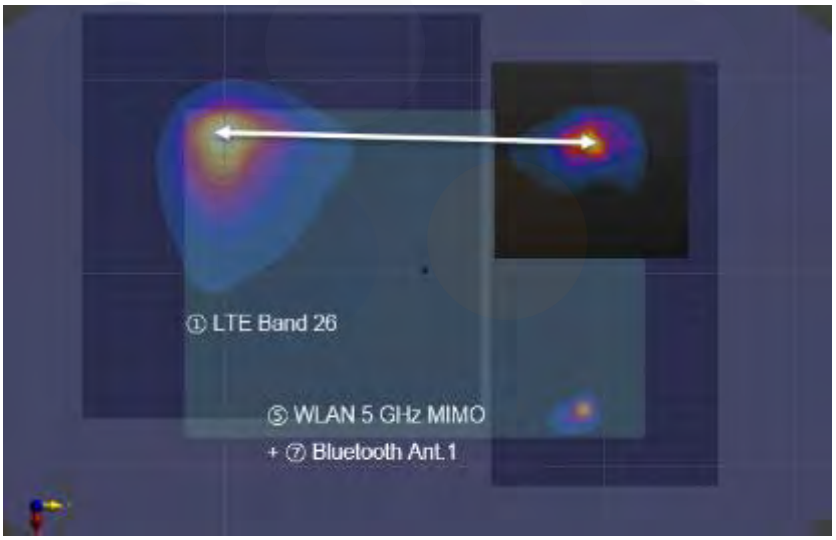
13.2.2.7 LTE Band 26

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.690
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.690

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 26	0.520	-0.07200	-0.10640	-0.17700	194.26	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



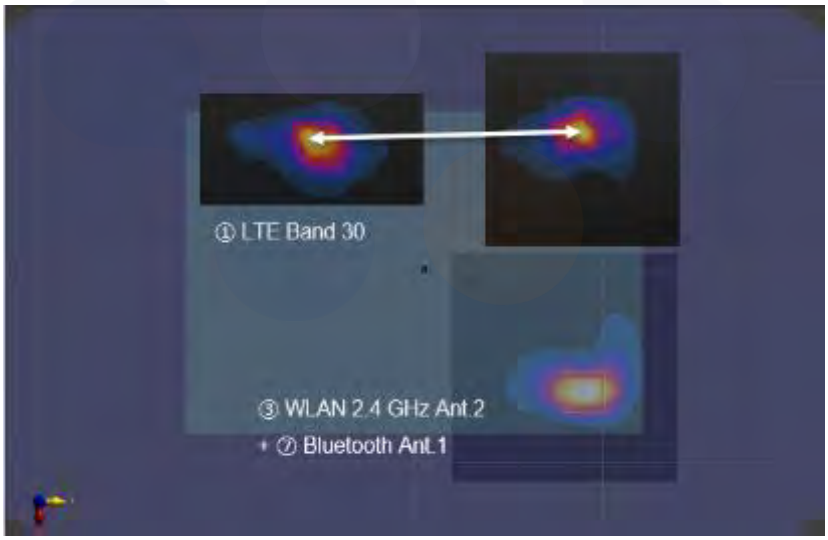
13.2.2.8 LTE Band 30

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear		
Scenario No.	No.7	No.8	No.9
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.727	1.994	1.881
Volume scan	Not Required		

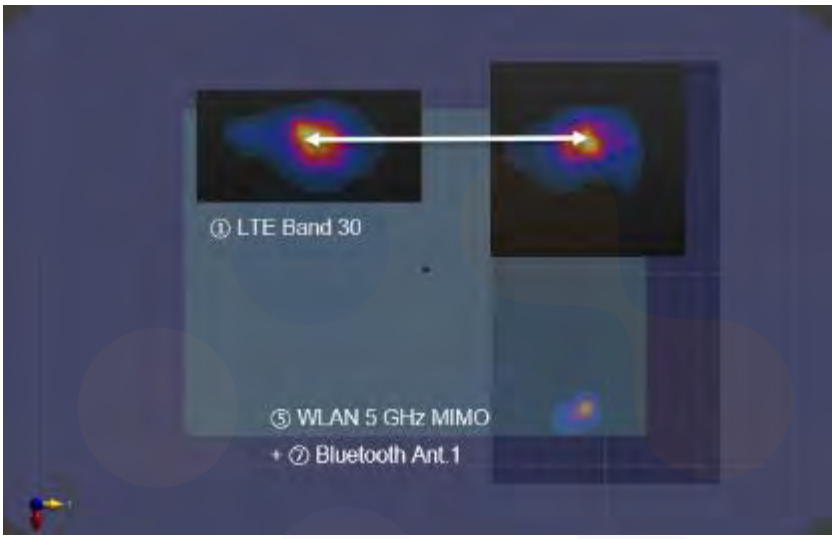
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.727

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 30	0.824	-0.07260	-0.05440	-0.17700	142.27	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



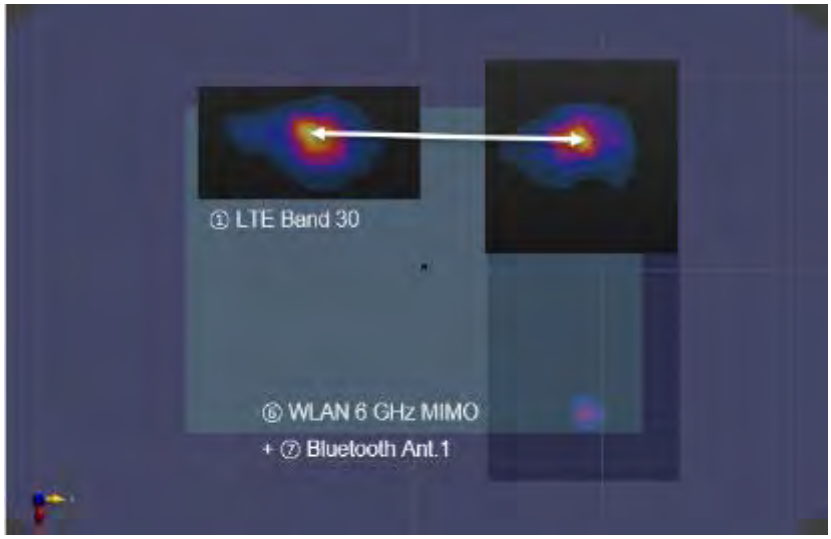
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.994

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 30	0.824	-0.07260	-0.05440	-0.17700	142.27	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.881

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 30	0.824	-0.07260	-0.05440	-0.17700	142.27	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



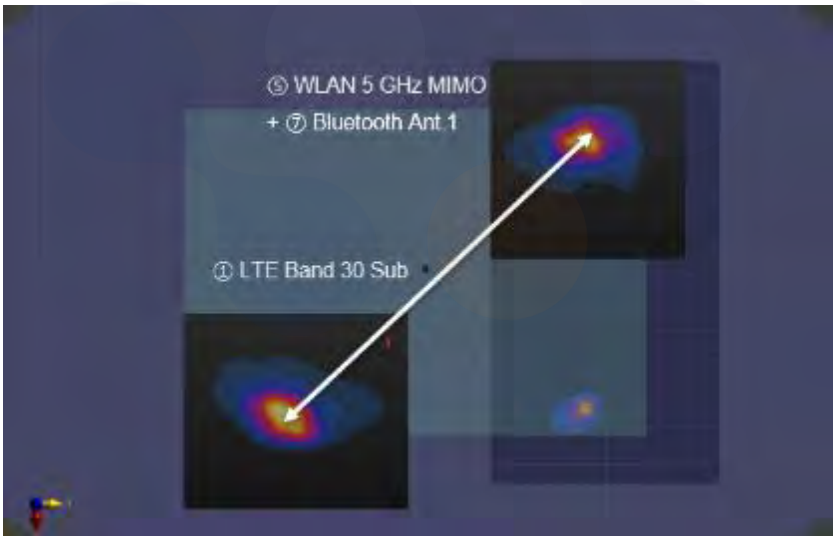
13.2.2.9 LTE Band 30 (Sub)

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.683
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.683

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 30 (Sub)	0.513	0.07520	-0.06180	-0.18400	213.53	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



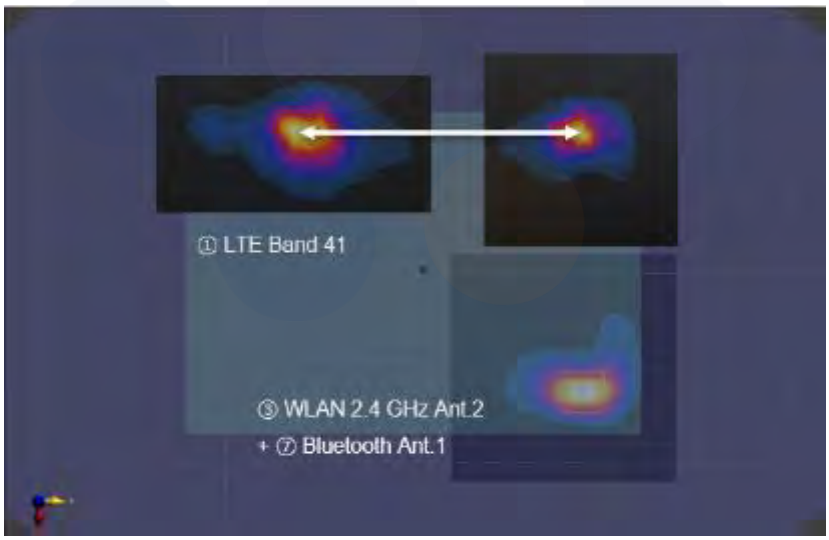
13.2.2.10 LTE Band 41

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear		
Scenario No.	No.7	No.8	No.9
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.718	1.985	1.872
Volume scan	Not Required		

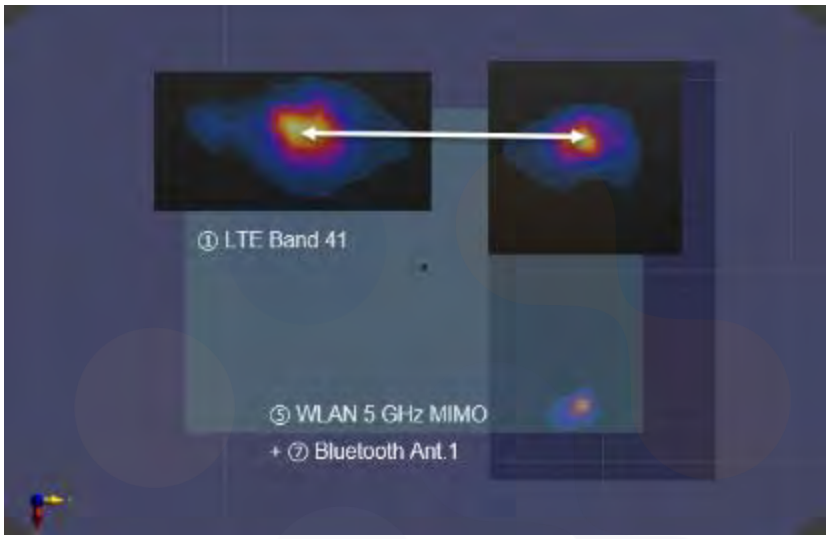
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.718

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 41	0.815	-0.07280	-0.05440	-0.17700	142.26	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



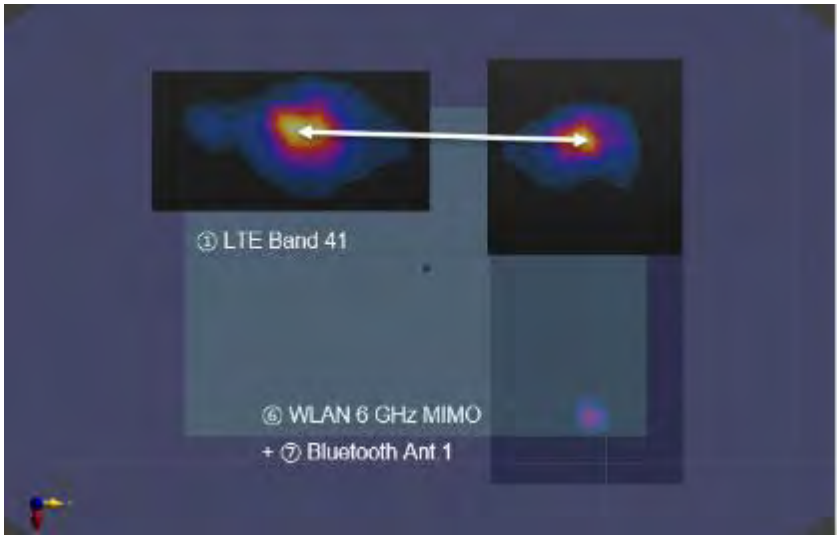
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.985

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 41	0.815	-0.07280	-0.05440	-0.17700	142.26	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.872

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 41	0.815	-0.07280	-0.05440	-0.17700	142.26	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



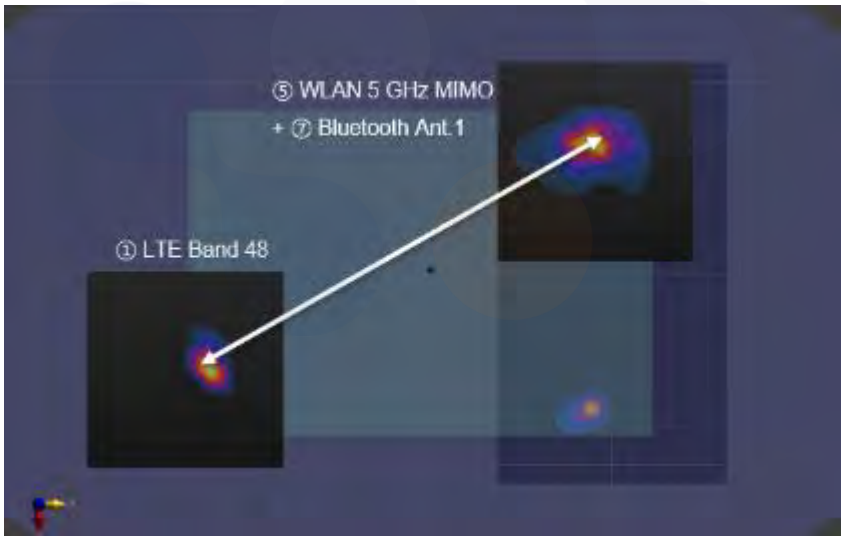
13.2.2.11 LTE Band 48

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.606
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.606

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 48	0.436	0.05880	-0.10900	-0.18000	239.13	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



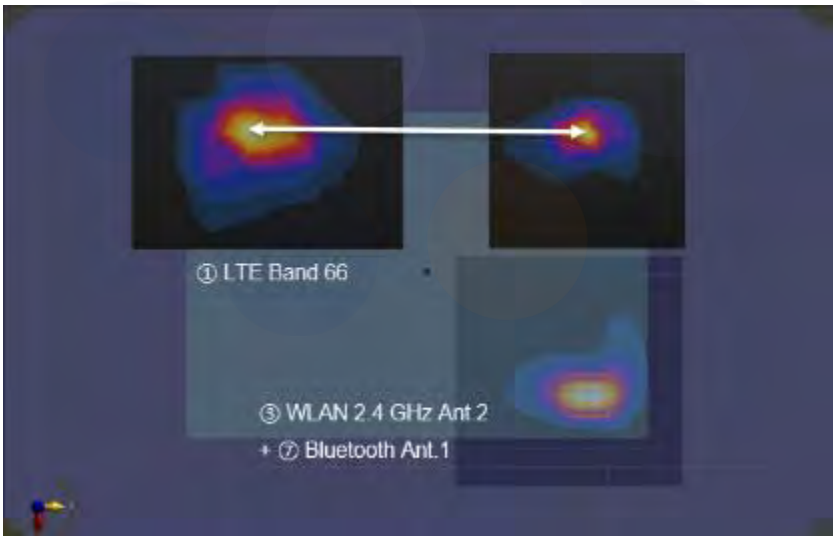
13.2.2.12 LTE Band 66

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear		
Scenario No.	No.7	No.8	No.9
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.671	1.938	1.825
Volume scan	Not Required		

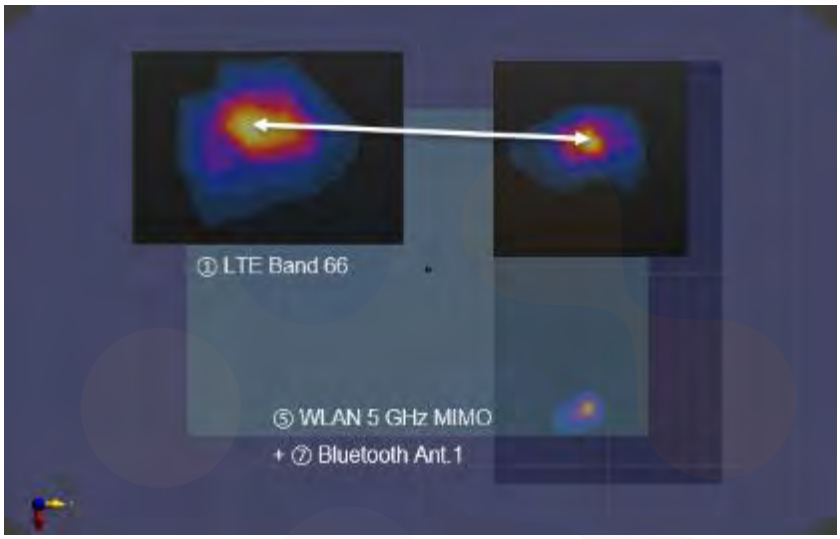
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.671

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 66	0.768	-0.07810	-0.08400	-0.17700	171.80	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



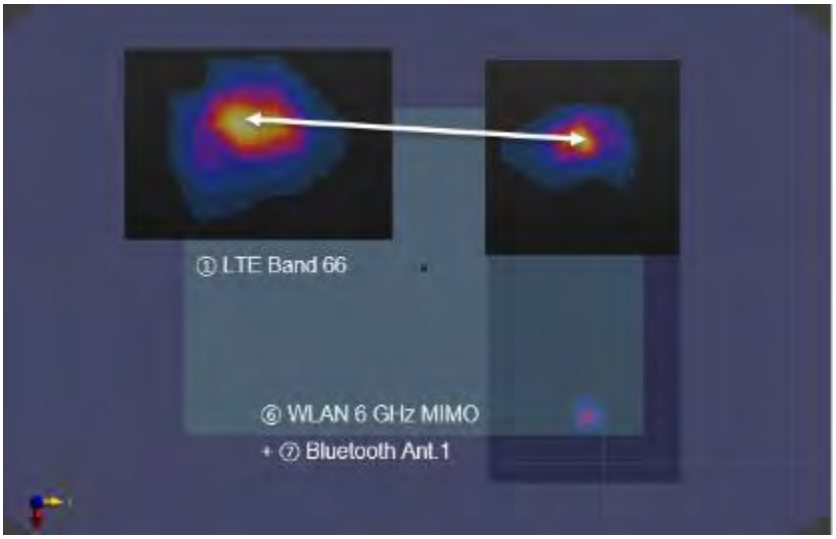
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.938

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 66	0.768	-0.07810	-0.08400	-0.17700	171.80	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.825

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 66	0.768	-0.07810	-0.08400	-0.17700	171.80	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



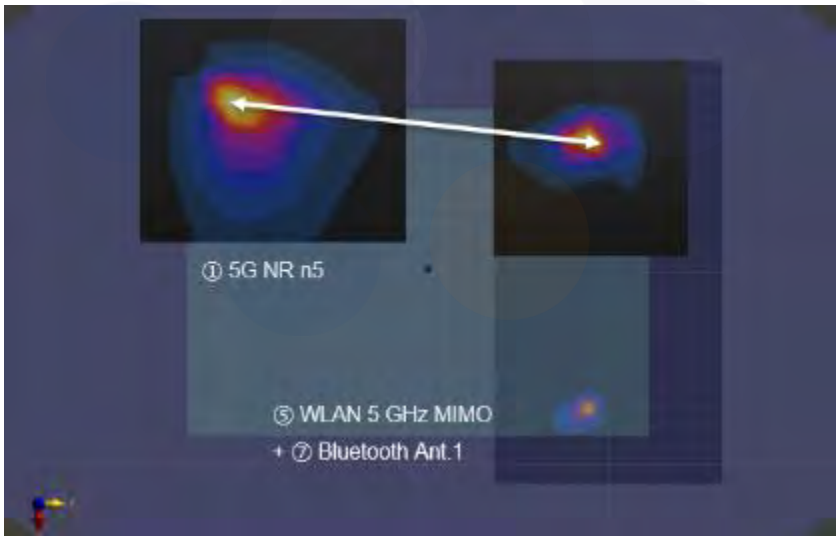
13.2.2.13 5G NR n5

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear	
Scenario No.	No.8	No.9
Scenario	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.774	1.661
Volume scan	Not Required	

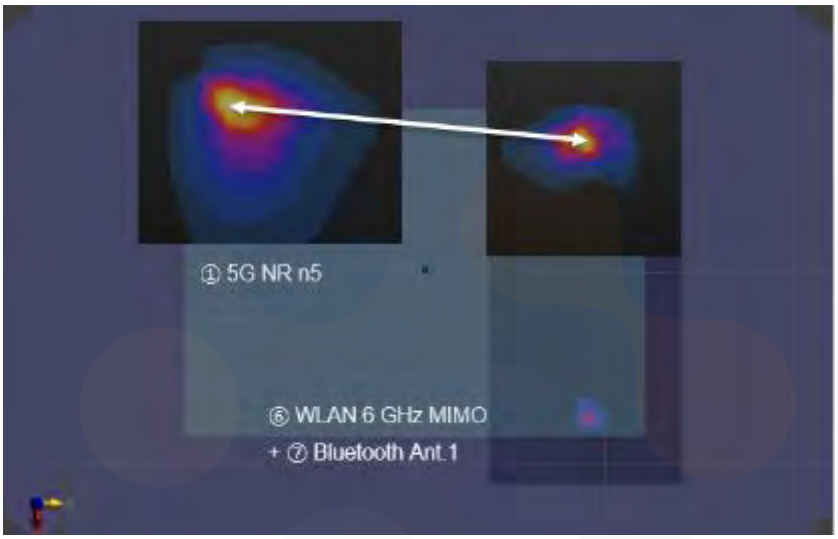
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.774

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n5	0.604	-0.07350	-0.10000	-0.18000	187.86	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.661

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n5	0.604	-0.07350	-0.10000	-0.18000	187.86	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



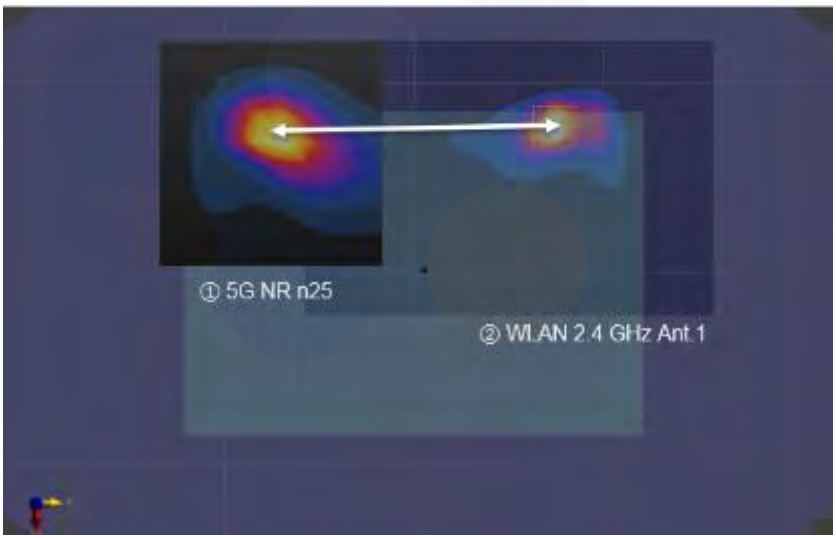
13.2.2.14 5G NR n25

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.650	1.605	1.794	2.061	1.948	1.657
Volume scan	Not Required					

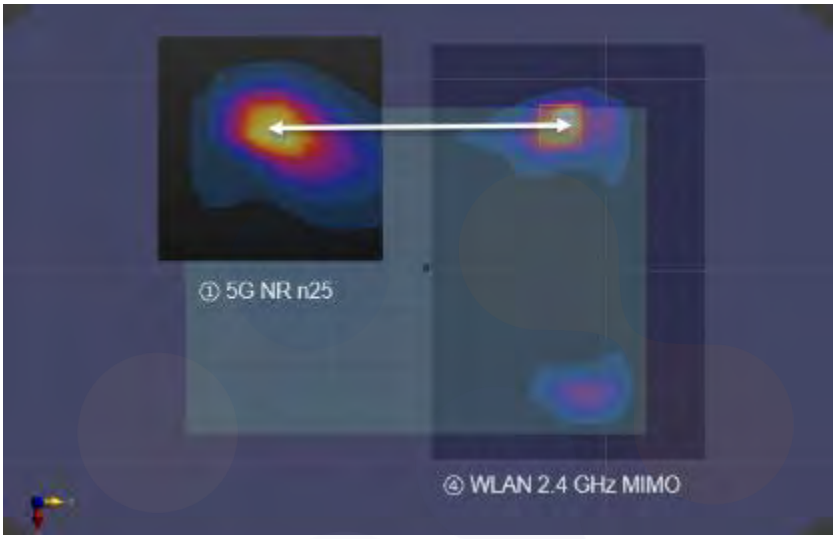
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.650

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	159.05	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



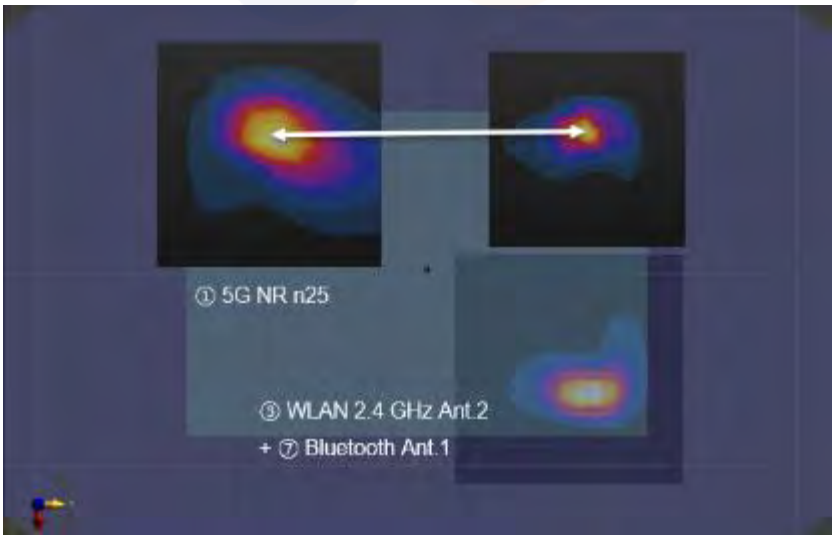
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.605

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	161.35	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



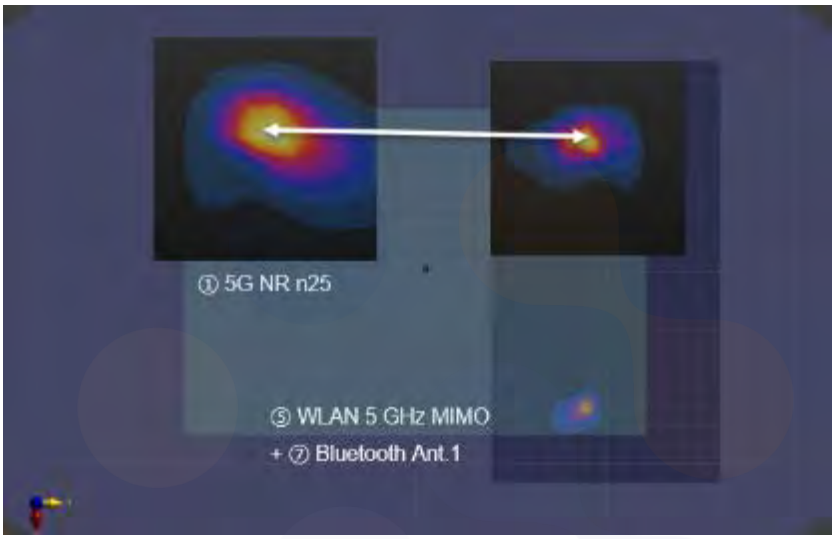
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.794

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	168.87	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



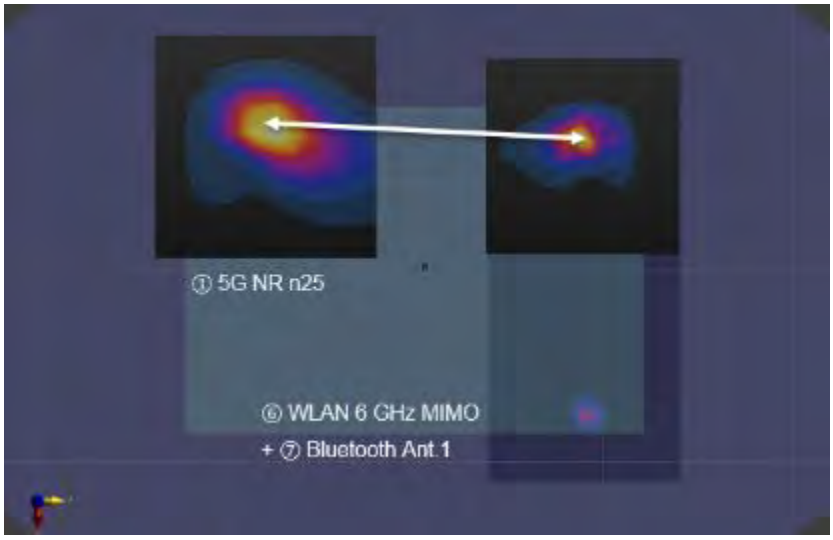
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.061

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	168.87	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



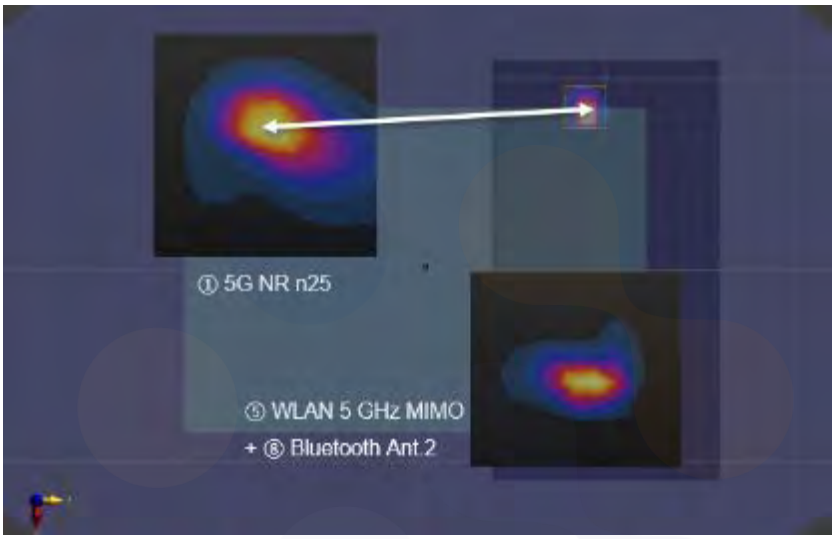
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.948

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	168.87	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.657

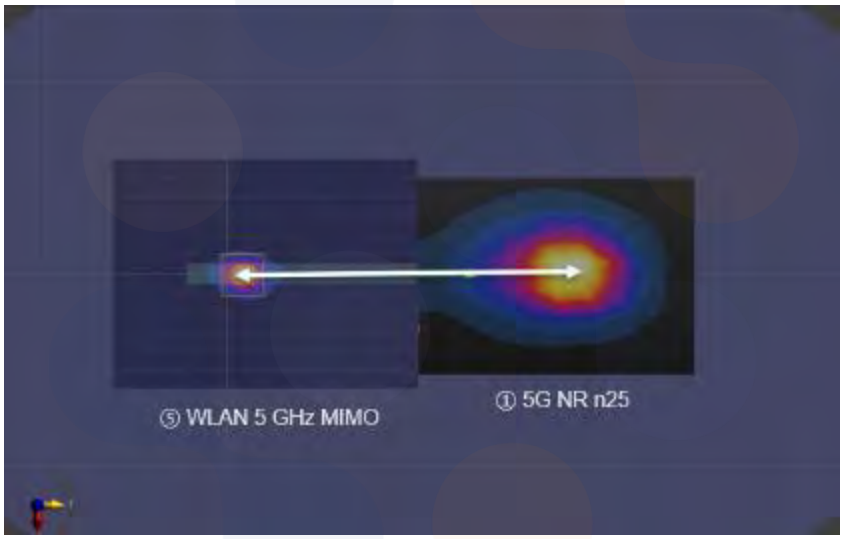
Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	0.891	-0.07950	-0.08100	-0.18100	169.47	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	-0.08220	0.08840	-0.17700		



Position	Top		
Scenario No.	No.4	No.8	No.10
Scenario	[①+⑤]	[①+⑤+⑦]	[①+⑤+⑧]
Summation	1.611	1.840	1.629
Volume scan	Not Required		

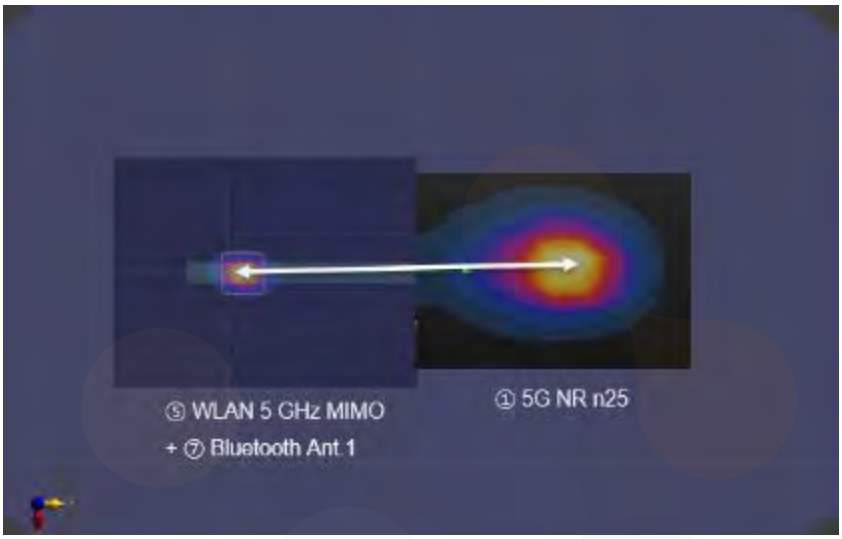
Scenario No.	Scenario	Position	SUM
No.4	[①+⑤]	Top	1.611

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	1.045	-0.00150	0.08250	-0.18200	176.21	0.01
⑤ WLAN 5 GHz MIMO	0.566	0.00210	-0.09360	-0.17700		



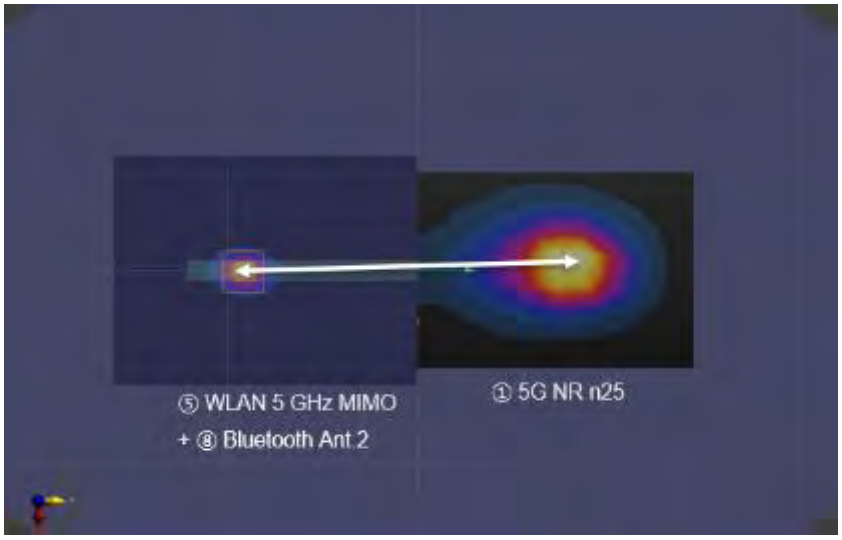
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Top	1.840

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	1.045	-0.00150	0.08250	-0.18200	176.21	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	0.795	0.00210	-0.09360	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Top	1.629

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n25	1.045	-0.00150	0.08250	-0.18200	176.21	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.584	0.00210	-0.09360	-0.17700		



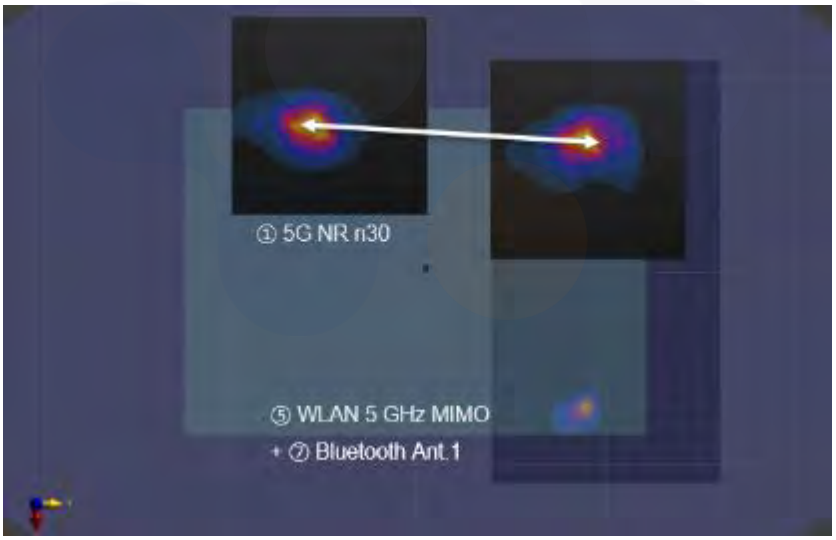
13.2.2.15 5G NR n30

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear	
Scenario No.	No.8	No.9
Scenario	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.774	1.661
Volume scan	Not Required	

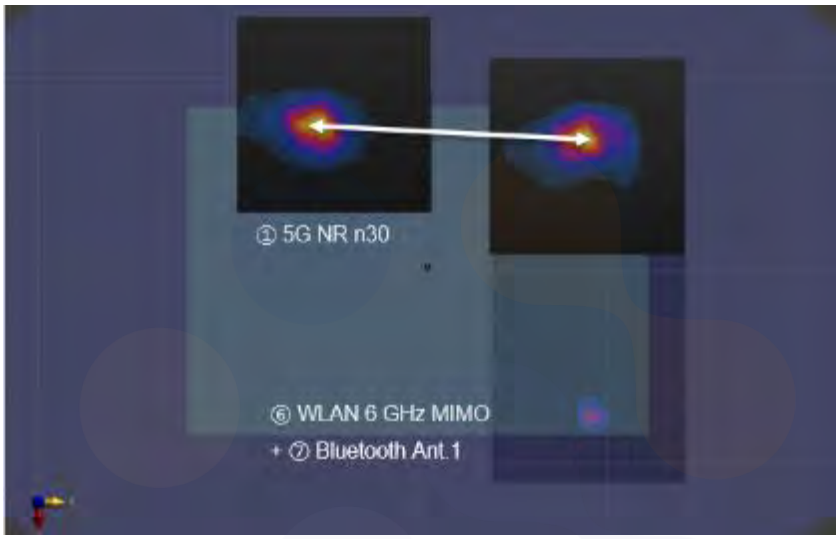
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.774

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n30	0.604	-0.07500	-0.05660	-0.17900	144.43	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.661

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n30	0.604	-0.07500	-0.05660	-0.17900	144.43	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



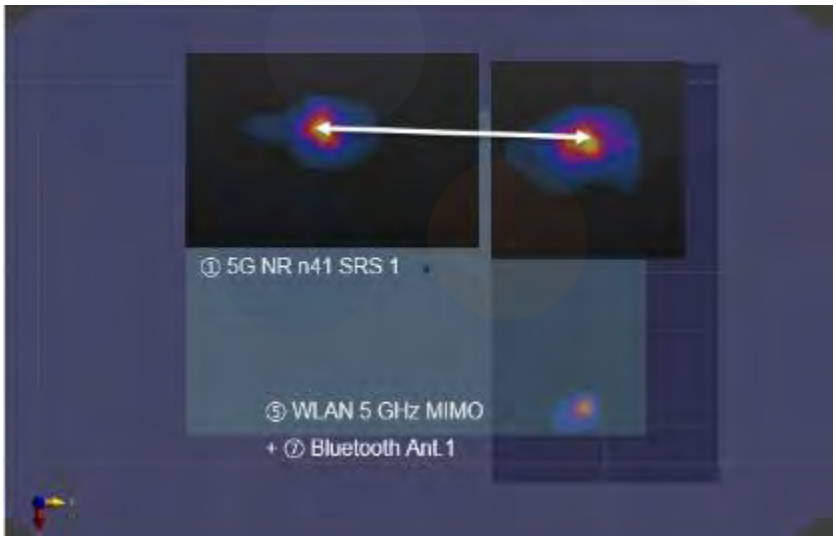
13.2.2.16 5G NR n41 SRS 1

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.647
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.647

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n41 SRS 1	0.477	-0.07620	-0.05600	-0.18600	144.08	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



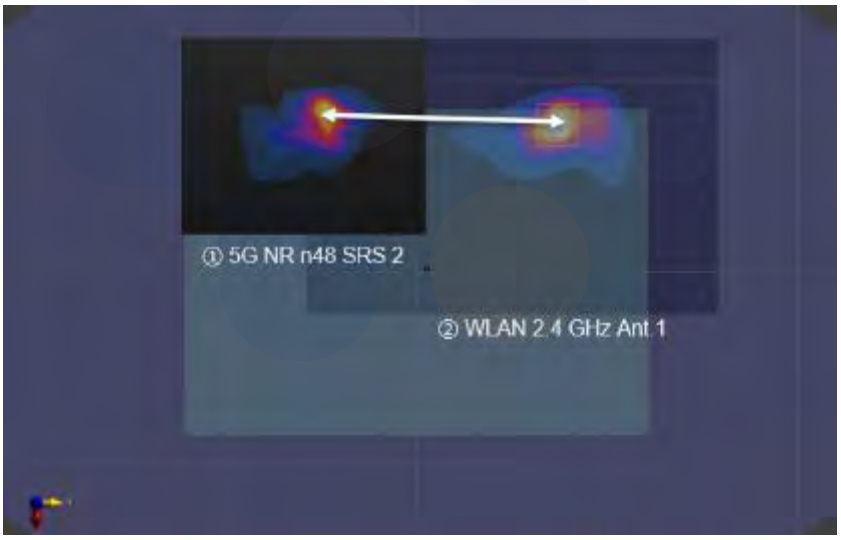
13.2.2.17 5G NR n48 SRS 2

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.662	1.617	1.806	2.073	1.960	1.669
Volume scan	Not Required					

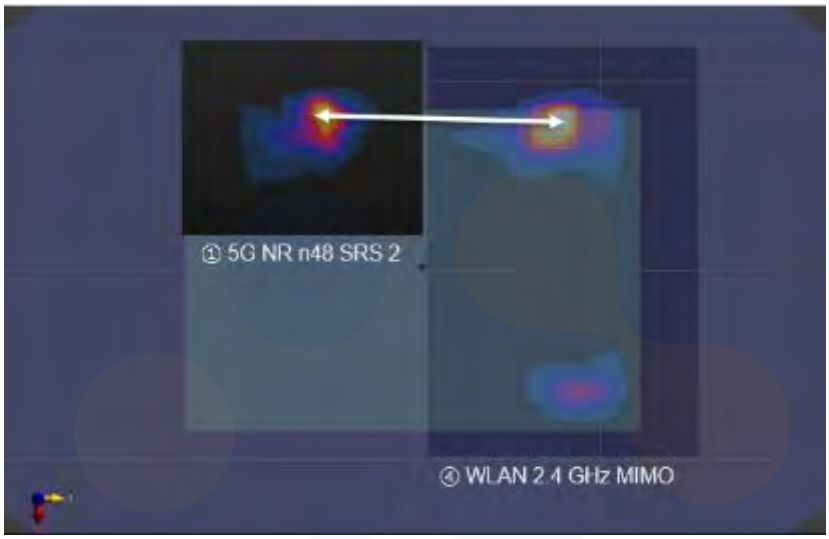
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.662

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	137.30	0.02
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



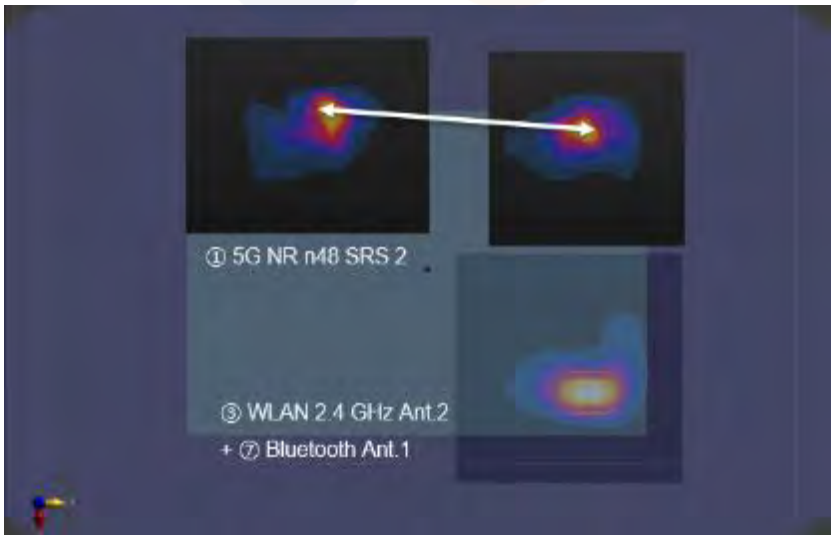
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.617

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	139.57	0.02
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



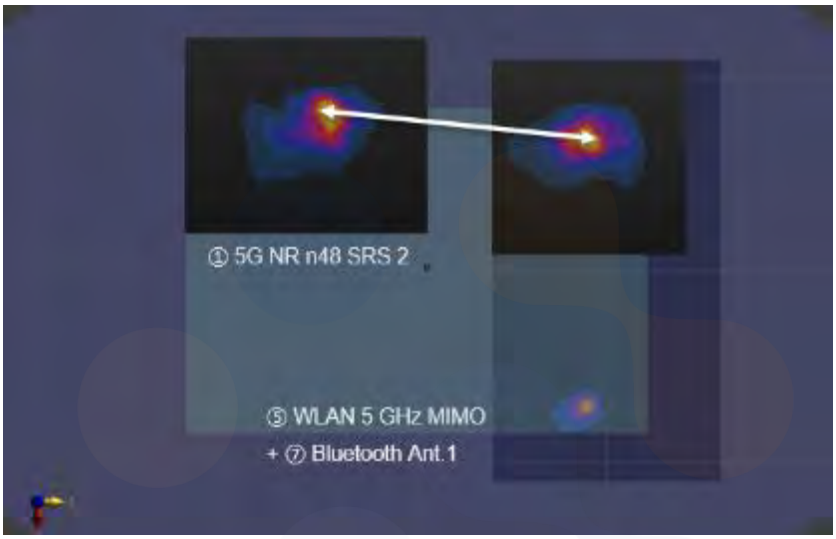
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.806

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	147.06	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



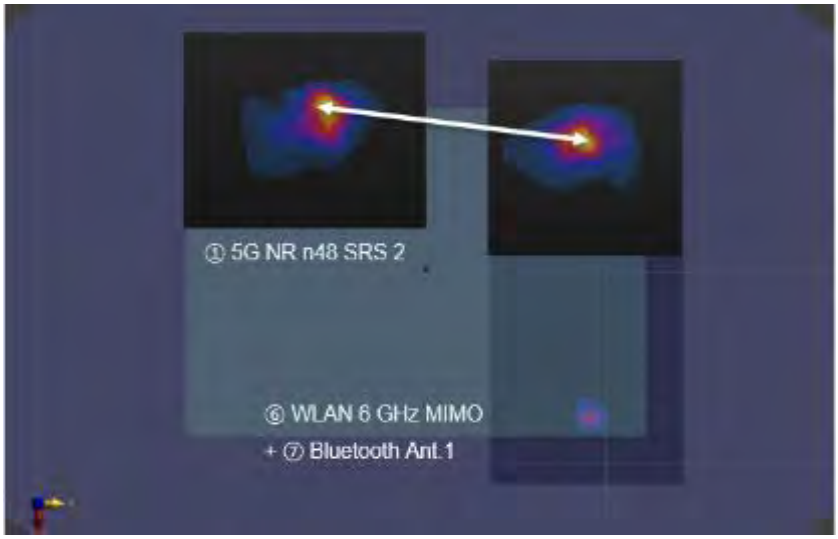
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.073

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	147.06	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



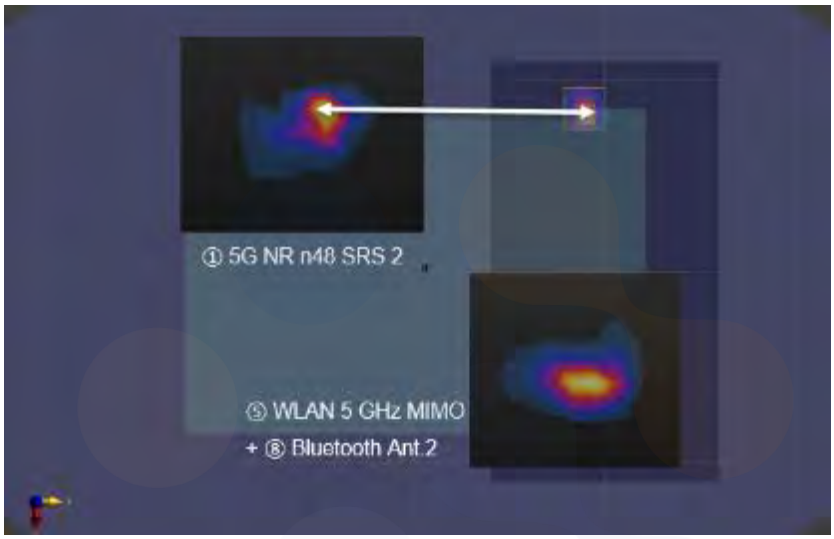
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.960

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	153.27	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07840	0.09400	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.669

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 2	0.903	-0.07640	-0.05920	-0.18100	147.77	0.02
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	-0.08220	0.08840	-0.17700		



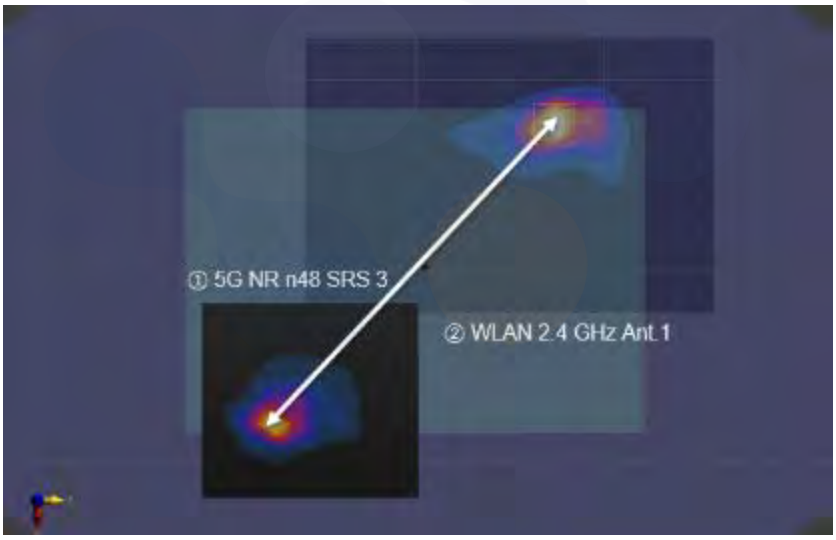
13.2.2.18 5G NR n48 SRS 3

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.669	1.624	1.813	2.080	1.967	1.676
Volume scan	Not Required					

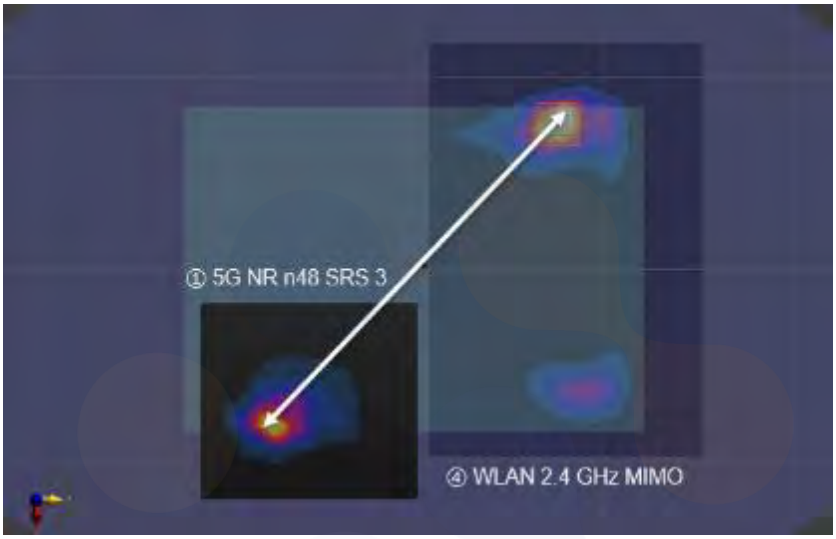
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.669

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	227.01	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



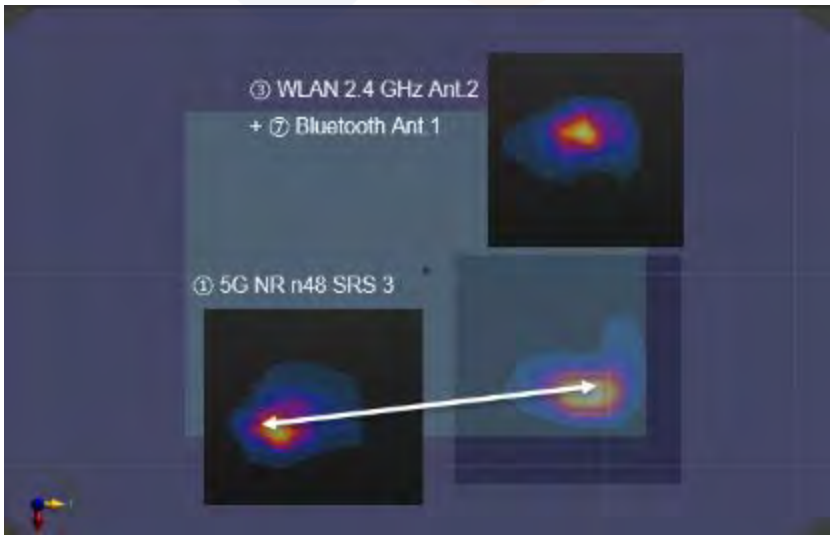
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.624

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	228.02	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



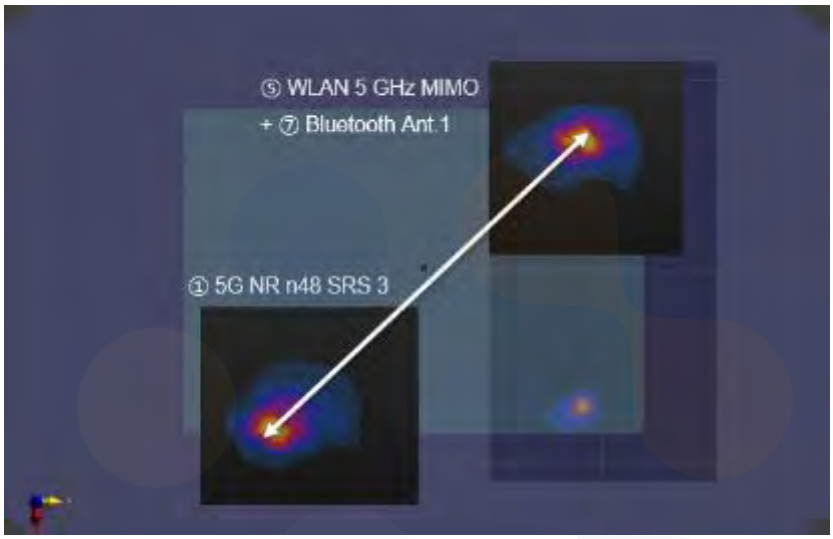
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.813

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	182.36	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	0.06600	0.08950	-0.17700		



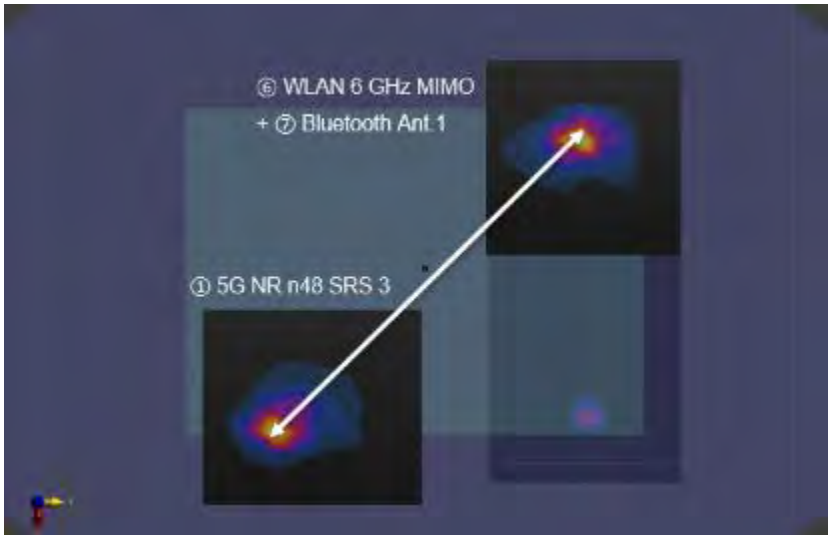
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.080

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	232.76	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



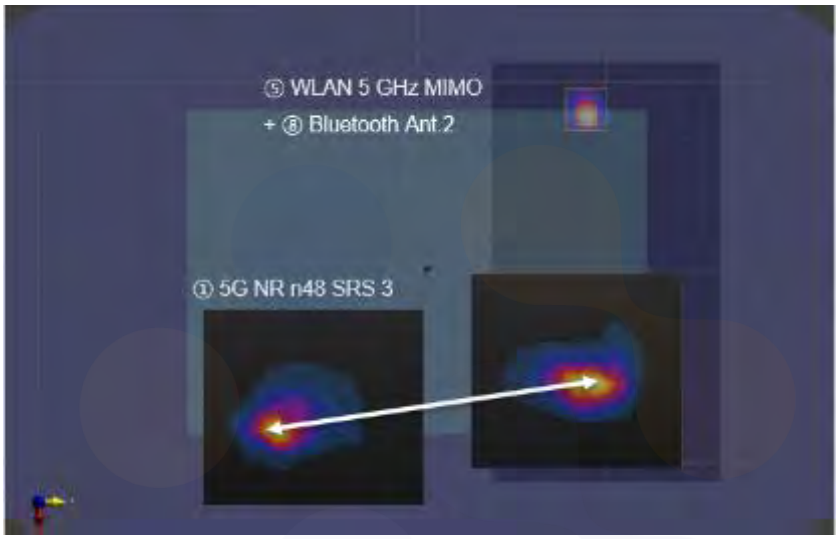
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.967

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	238.47	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07840	0.09400	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.676

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n48 SRS 3	0.910	0.06980	-0.09280	-0.18000	184.88	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	0.07340	0.09200	-0.17600		



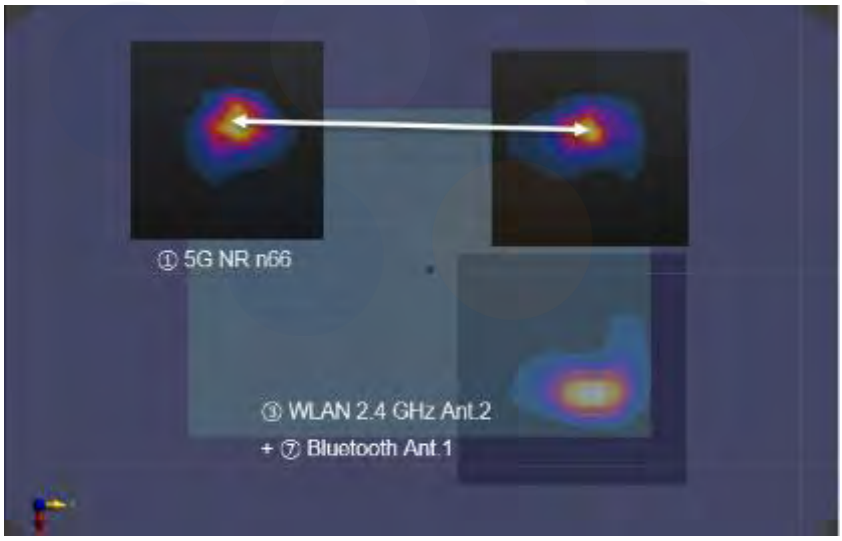
13.2.2.19 5G NR n66

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear			Top
Scenario No.	No.7	No.8	No.9	No.8
Scenario	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑦]
Summation	1.702	1.969	1.856	1.792
Volume scan	Not Required			

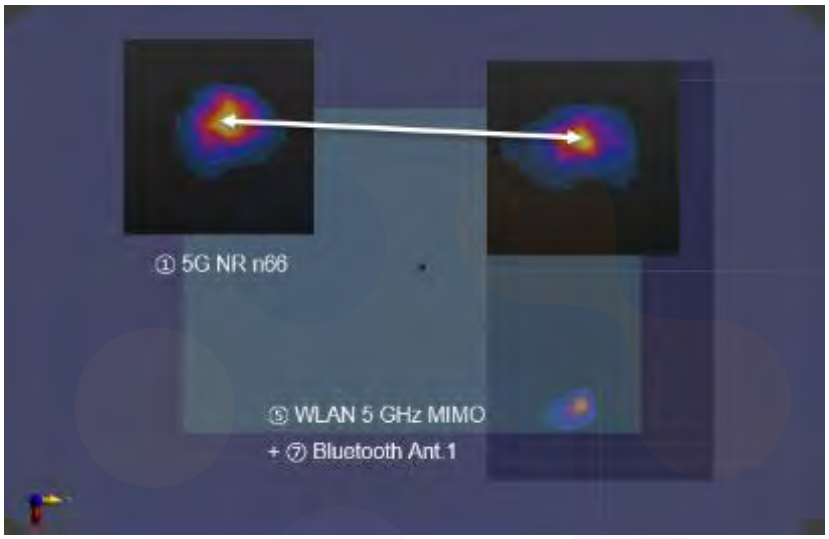
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.702

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n66	0.799	-0.08090	-0.08850	-0.18000	176.37	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	-0.07700	0.08780	-0.17700		



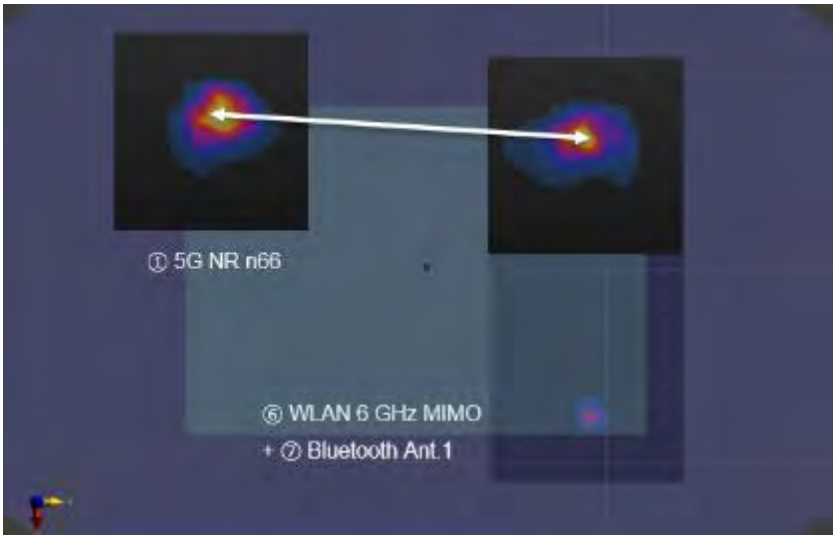
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.969

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n66	0.799	-0.08090	-0.08850	-0.18000	176.37	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



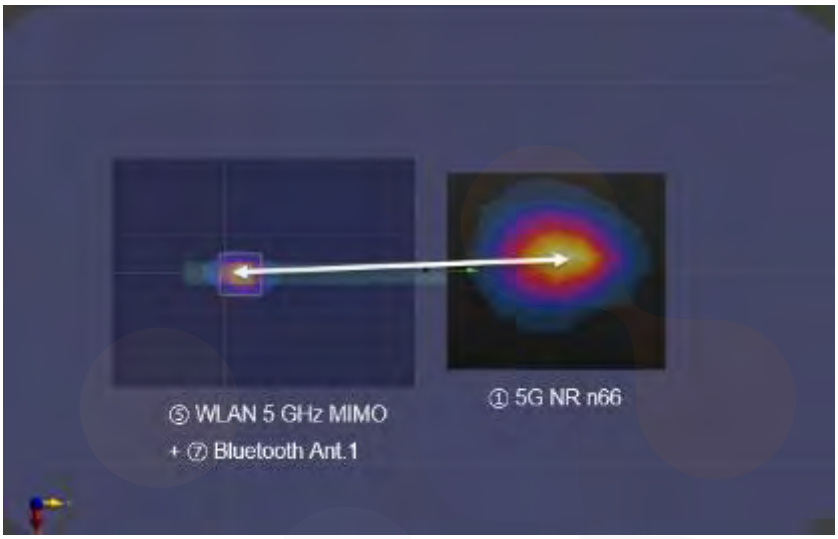
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.856

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n66	0.799	-0.08090	-0.08850	-0.18000	176.37	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Top	1.792

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n66	0.997	-0.00750	0.08090	-0.18200	174.84	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	0.795	0.00210	-0.09360	-0.17700		



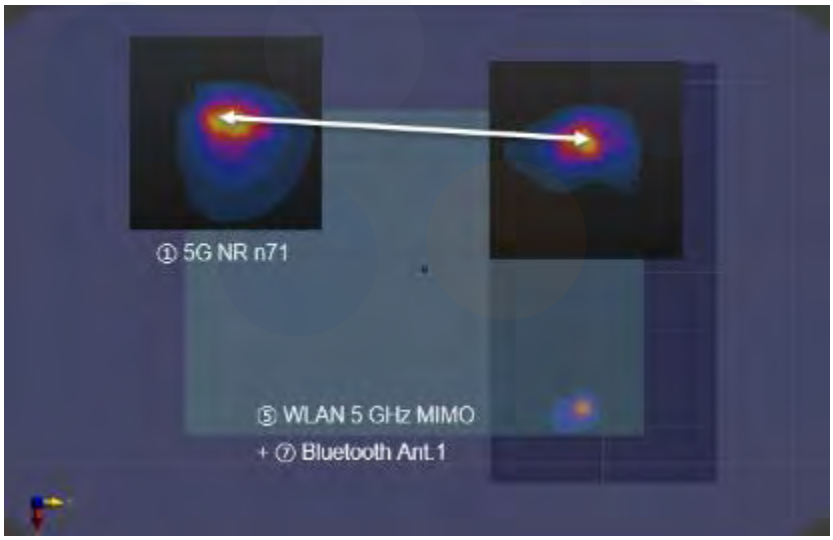
13.2.2.20 5G NR n71

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear
Scenario No.	No.8
Scenario	[①+⑤+⑦]
Summation	1.610
Volume scan	Not Required

Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.610

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① LTE Band 30 (Sub)	0.440	-0.07990	-0.09790	-0.18000	185.75	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



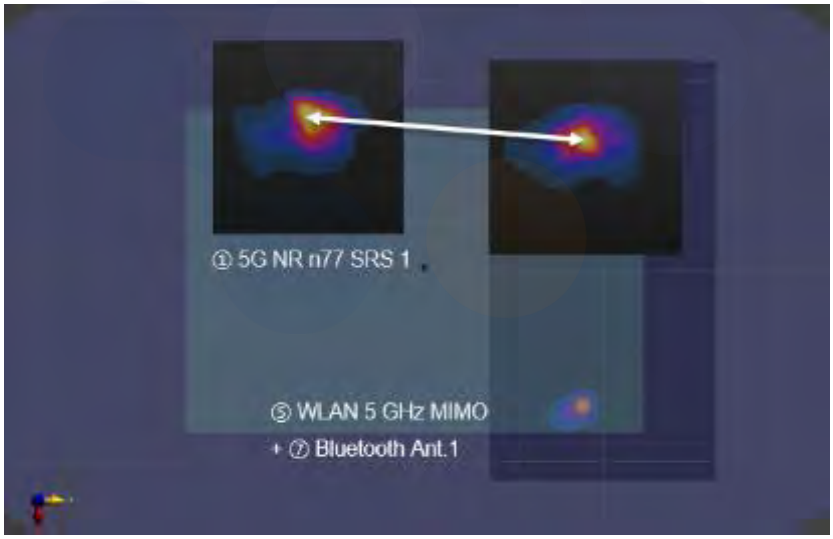
13.2.2.21 5G NR n77 SRS 1

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear	
Scenario No.	No.8	No.9
Scenario	[①+⑤+⑦]	[①+⑥+⑦]
Summation	1.831	1.718
Volume scan	Not Required	

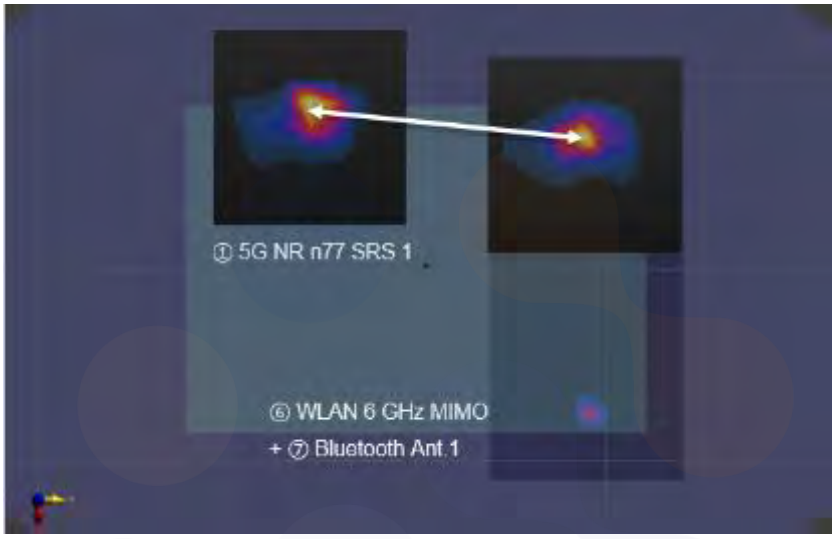
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	1.831

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 1	0.661	-0.07740	-0.05860	-0.18100	146.46	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.718

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 1	0.661	-0.07740	-0.05860	-0.18100	146.46	0.02
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



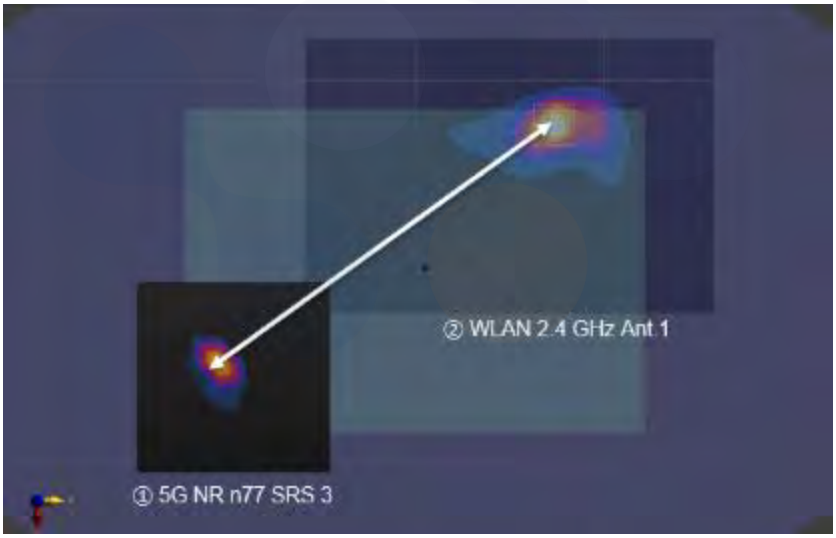
13.2.2.22 5G NR n77 SRS 3

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear					
Scenario No.	No.1	No.3	No.7	No.8	No.9	No.10
Scenario	[①+②]	[①+④]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]
Summation	1.669	1.624	1.813	2.080	1.967	1.676
Volume scan	Not Required					

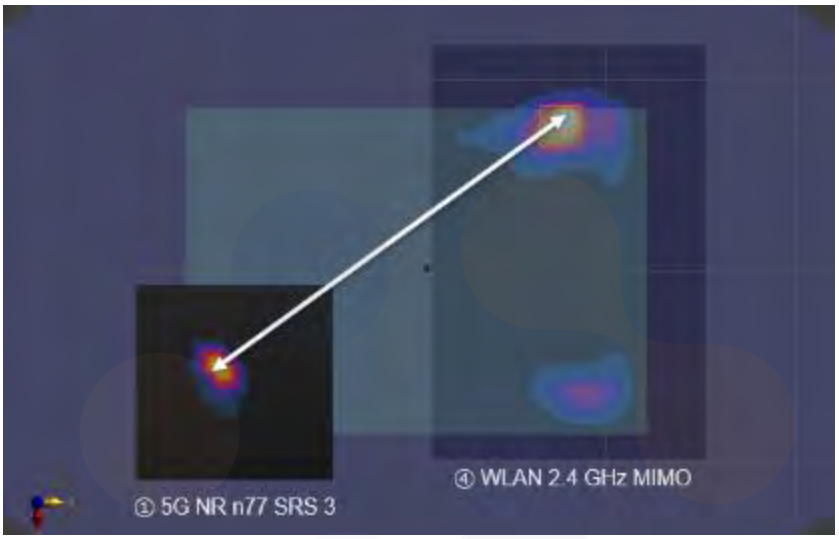
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.669

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	234.10	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



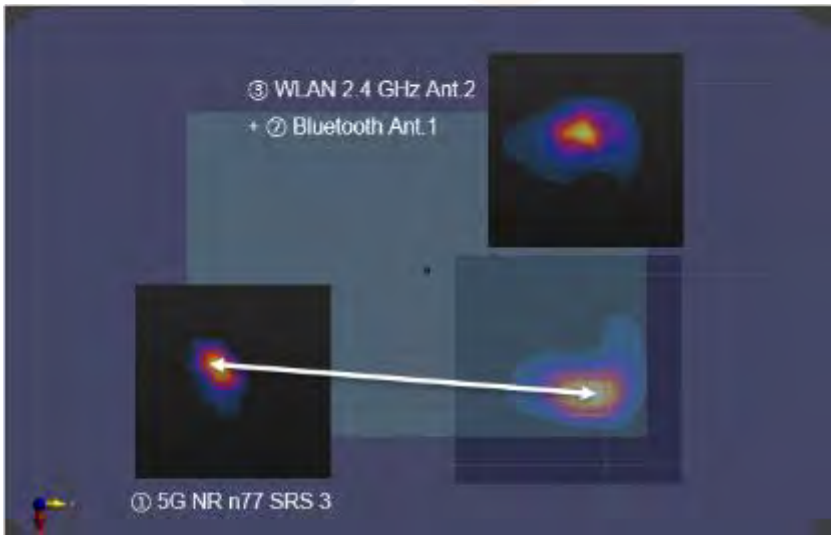
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.624

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	235.37	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



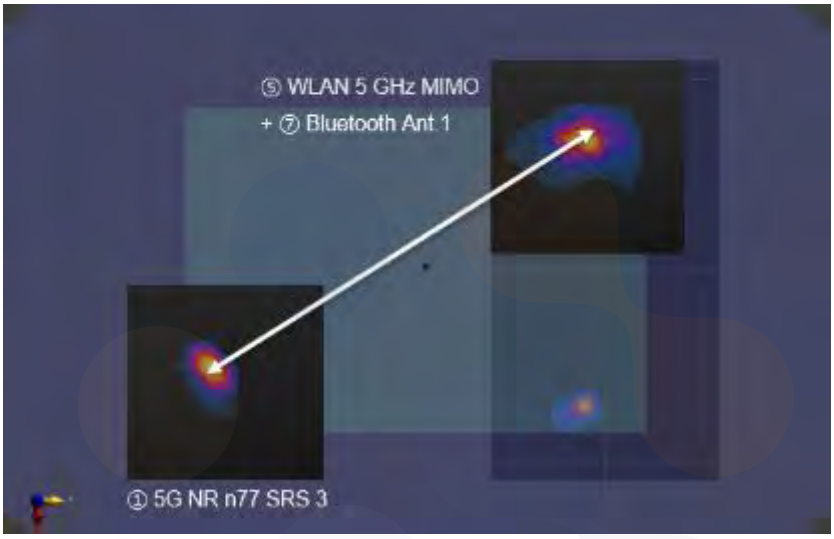
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	1.813

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	203.86	0.01
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	0.06600	0.08950	-0.17700		



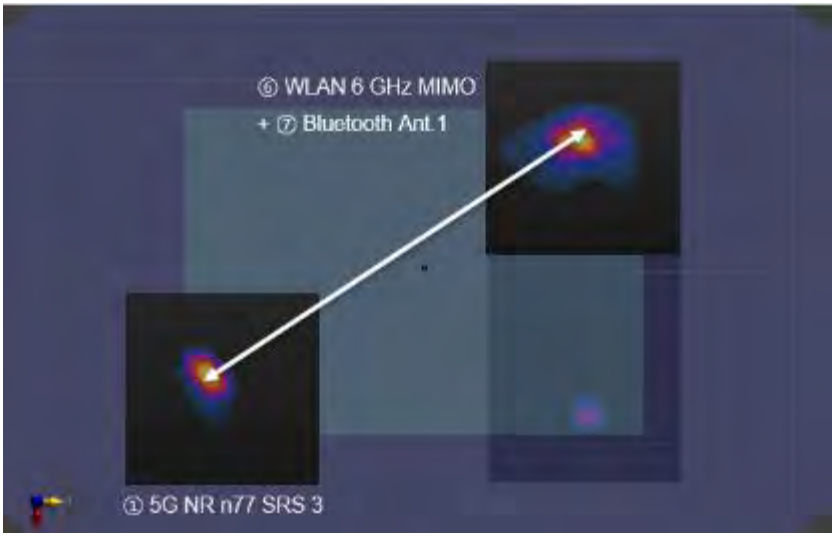
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.080

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	240.72	0.01
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



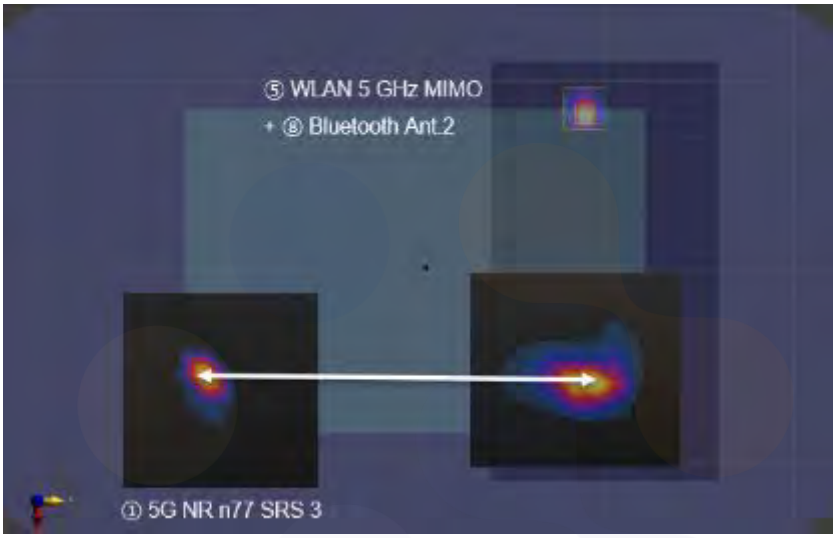
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	1.967

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	240.72	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.676

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 3	0.910	0.05420	-0.11400	-0.18000	206.93	0.01
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	0.07340	0.09200	-0.17600		



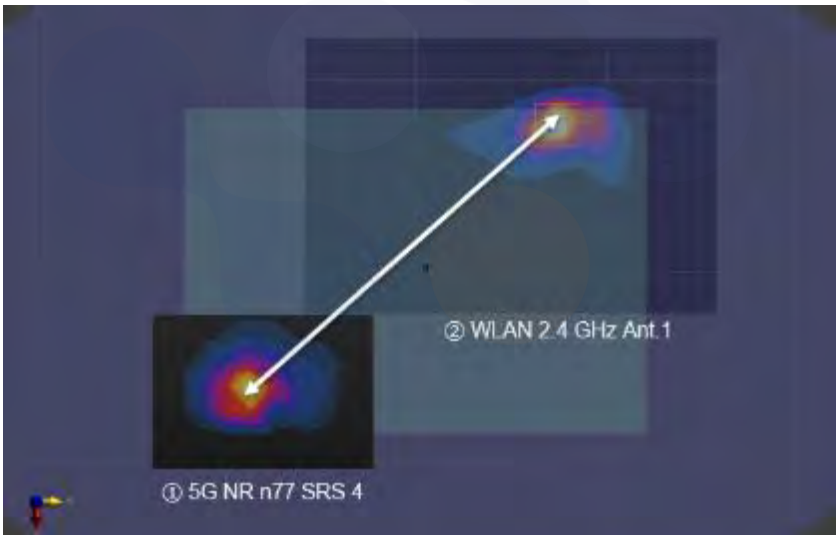
13.2.2.23 5G NR n77 SRS 4

Licensed	WLAN 2.4 GHz			WLAN 5 GHz	WLAN 6 GHz	Bluetooth	
	Ant. 1	Ant. 2	MIMO	MIMO	MIMO	Ant. 1	Ant. 2
[①]	[②]	[③]	[④]	[⑤]	[⑥]	[⑦]	[⑧]

Position	Rear									
Scenario No.	No.1	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11
Scenario	[①+②]	[①+④]	[①+⑤]	[①+⑥]	[①+⑦]	[①+③+⑦]	[①+⑤+⑦]	[①+⑥+⑦]	[①+⑤+⑧]	[①+⑥+⑧]
Summation	1.962	1.917	1.727	1.614	1.849	2.106	2.373	2.260	1.969	1.856
Volume scan	Not Required									

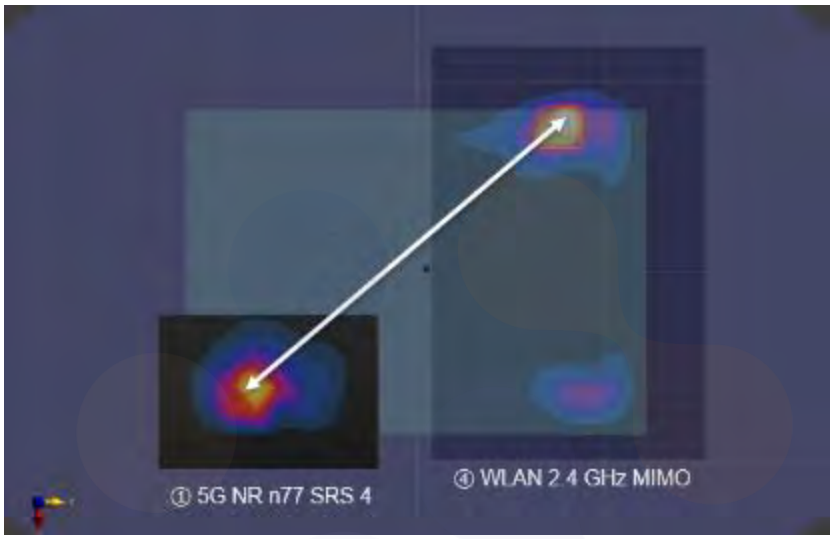
Scenario No.	Scenario	Position	SUM
No.1	[①+②]	Rear	1.962

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	230.28	0.01
② WLAN 2.4 GHz Ant.1	0.759	-0.07970	0.07800	-0.17700		



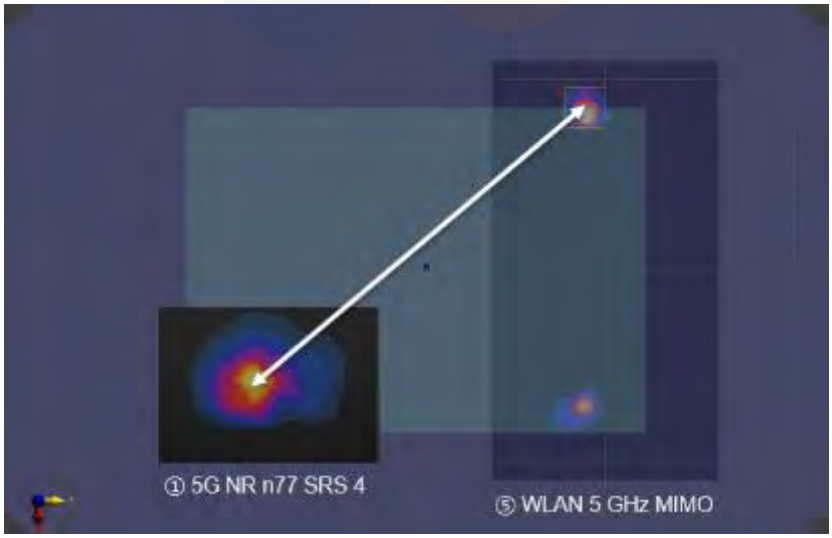
Scenario No.	Scenario	Position	SUM
No.3	[①+④]	Rear	1.917

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	231.30	0.01
④ WLAN 2.4 GHz MIMO	0.714	-0.07860	0.08030	-0.17700		



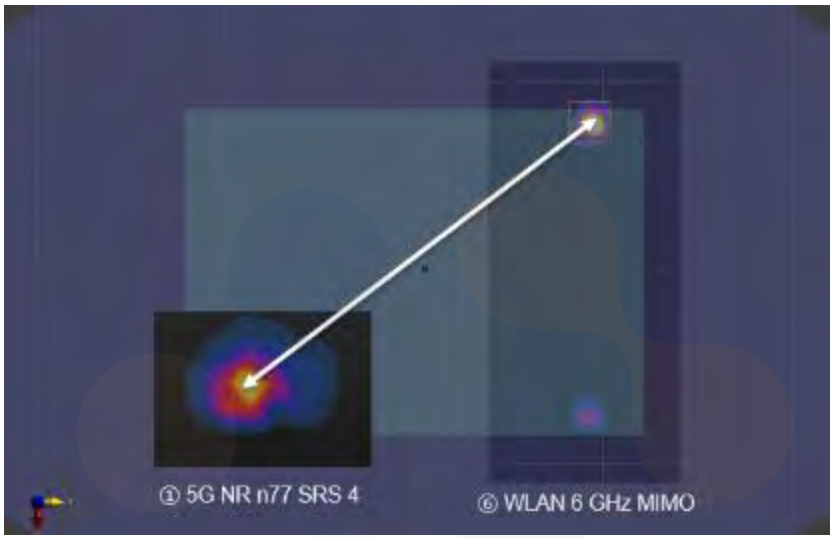
Scenario No.	Scenario	Position	SUM
No.4	[①+⑤]	Rear	1.727

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	239.81	0.01
⑤ WLAN 5 GHz MIMO	0.524	-0.08220	0.08840	-0.17700		



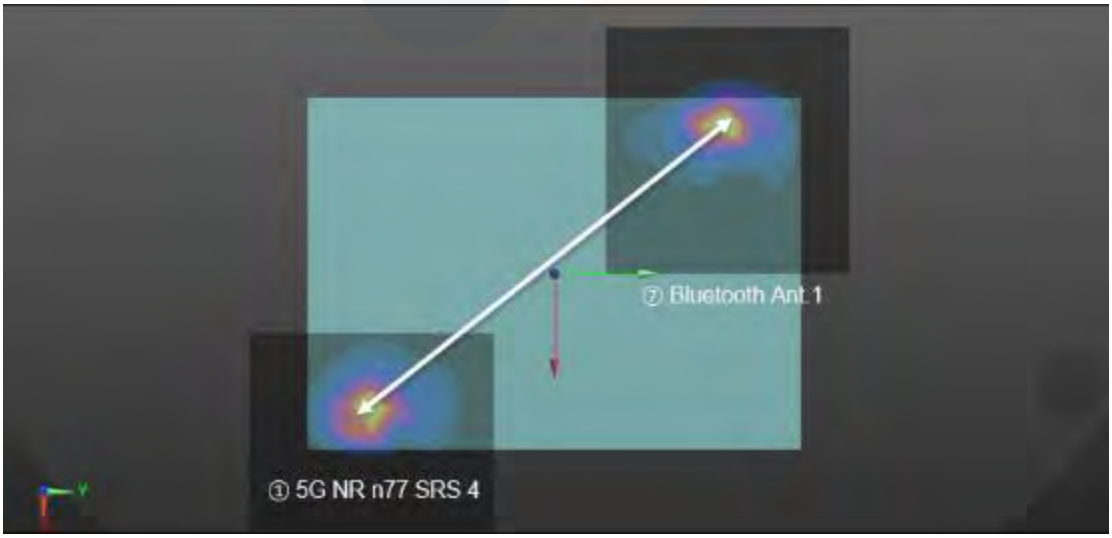
Scenario No.	Scenario	Position	SUM
No.5	[①+⑥]	Rear	1.614

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	241.75	0.01
⑥ WLAN 6 GHz MIMO	0.411	-0.07840	0.09400	-0.17700		



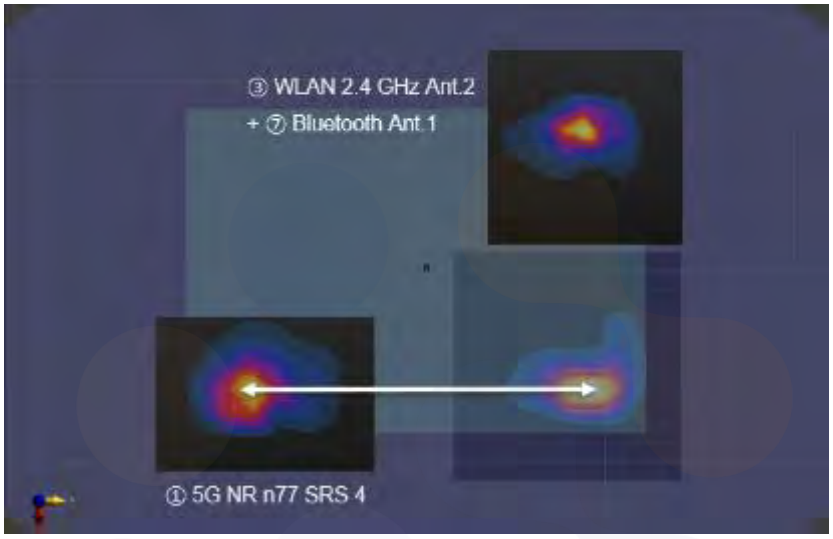
Scenario No.	Scenario	Position	SUM
No.6	[①+⑦]	Rear	1.849

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	236.04	0.01
⑦ Bluetooth Ant.1	0.646	-0.07700	0.08780	-0.17700		



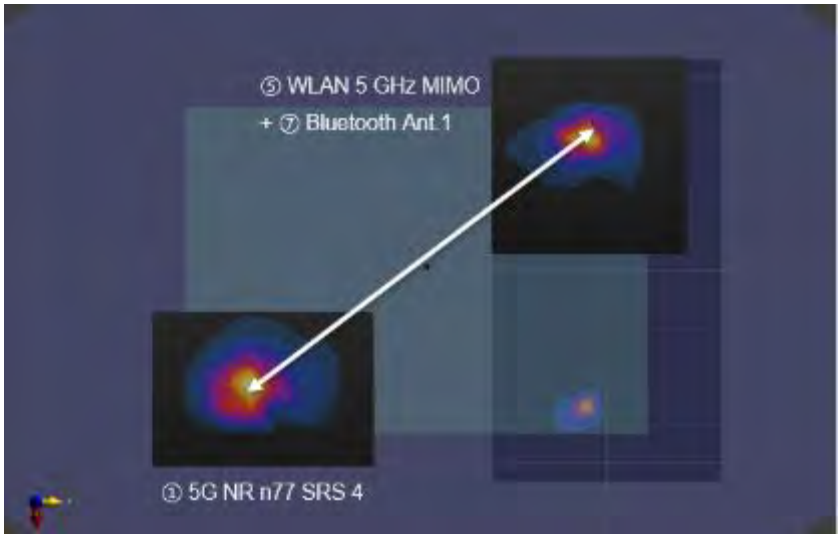
Scenario No.	Scenario	Position	SUM
No.7	[①+③+⑦]	Rear	2.106

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	185.02	0.02
③ WLAN 2.4 GHz Ant.2 + ⑦ Bluetooth Ant.1	0.903	0.06600	0.08950	-0.17700		



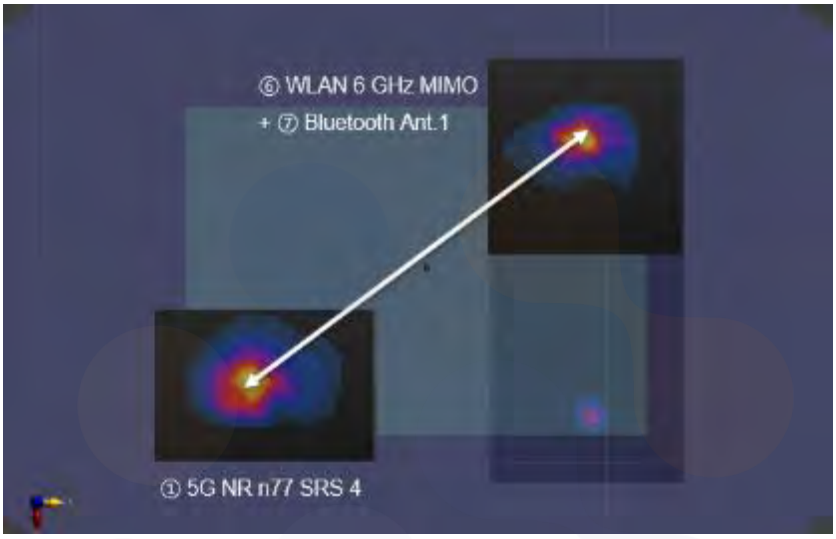
Scenario No.	Scenario	Position	SUM
No.8	[①+⑤+⑦]	Rear	2.373

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	236.04	0.02
⑤ WLAN 5 GHz MIMO + ⑦ Bluetooth Ant.1	1.170	-0.07700	0.08780	-0.17700		



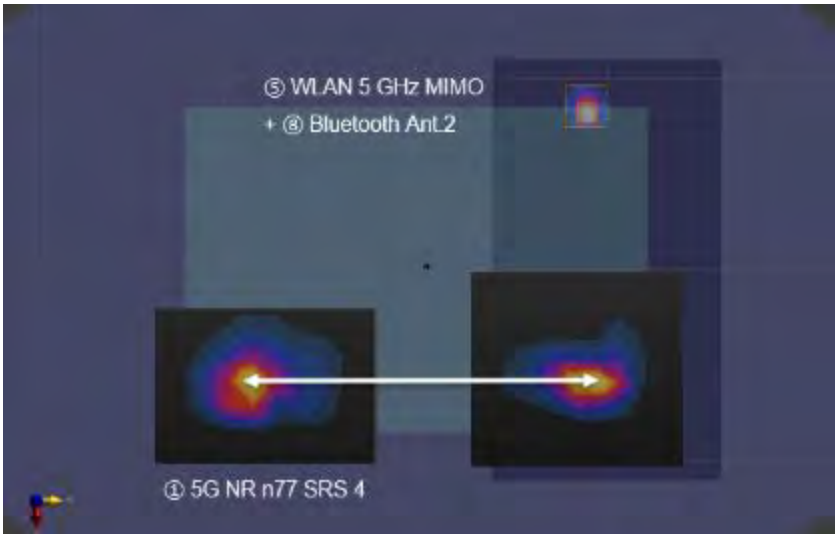
Scenario No.	Scenario	Position	SUM
No.9	[①+⑥+⑦]	Rear	2.260

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	236.04	0.01
⑥ WLAN 6 GHz MIMO + ⑦ Bluetooth Ant.1	1.057	-0.07700	0.08780	-0.17700		



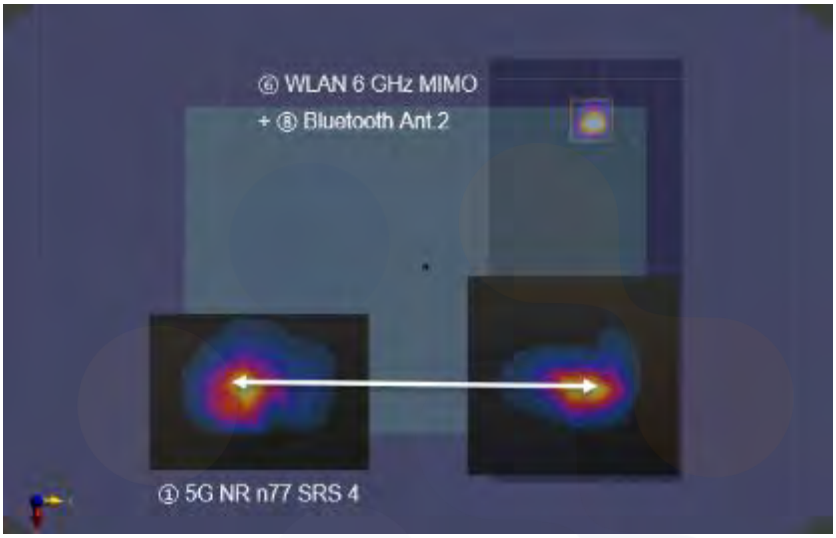
Scenario No.	Scenario	Position	SUM
No.10	[①+⑤+⑧]	Rear	1.969

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	187.45	0.02
⑤ WLAN 5 GHz MIMO + ⑧ Bluetooth Ant.2	0.766	0.07340	0.09200	-0.17600		



Scenario No.	Scenario	Position	SUM
No.11	[①+⑥+⑧]	Rear	1.856

Mode	SAR Ratio	Coordinates			Distance (mm)	SPLSR Result
		X	Y	Z		
① 5G NR n77 SRS 4	1.203	0.07180	-0.09540	-0.18000	187.45	0.01
⑥ WLAN 6 GHz MIMO + ⑧ Bluetooth Ant.2	0.653	0.07340	0.09200	-0.17600		



14. SAR Measurement Variability

Per FCC KDB Publication 865664 D01v01r04, SAR measurement variability was assessed for each frequency band, which was determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media were required for SAR measurements in a frequency band, the variability measurement procedures were applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. These additional measurements were repeated after the completion of all measurements requiring the same head or body tissue equivalent medium in a frequency band. The test device was returned to ambient conditions (normal room temperature) with the battery fully charged before it was re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR Measurement Variability was assessed using the following procedures for each frequency band:

1) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg.
2) **When the original highest measured SAR is ≥ 0.80 W/㎏, the measurement was repeated once.**
3) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
4) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Band	Mode	EUT Position	Separation Distance (㎜)	Frequency (㎒)	Measured 1 g SAR (W/kg)	Repeated 1 g SAR (W/kg)	Ratio
WCDMA Band II	RMC	Top	18	1 852.4	0.925	0.914	1.01
LTE Band 25	QPSK 20㎒ 1RB 49offset	Top	18	1 905.0	0.965	0.890	1.08
5G NR n25	DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset	Top	18	1 882.5	1.000	0.956	1.05
5G NR n48 SRS 2	40 ㎒ CW	Rear	0	3 624.99	0.891	0.873	1.02
5G NR n48 SRS 3	40 ㎒ CW	Rear	0	3 570.00	0.905	0.798	1.13
5G NR n66	DFT-S-OFDM_QPSK 40 ㎒_108RB 54offset	Top	18	1 745.0	0.809	0.799	1.01
5G NR n77 SRS 3	100 ㎒ CW	Rear	0	3 750.00	0.851	0.801	1.06
5G NR n77 SRS 4	100 ㎒ CW	Rear	0	3 930.00	1.110	1.080	1.03

15. Measurement Uncertainty

Per KDB 865664 D01 SAR measurement 100㎒ to 6㎓, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be ≤ 30%, for a confidence interval of *k* = 2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Standard 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

16. Test Equipment Information

Test Platform	SPEAG DASY5/6/8 System			
Version	DASY52: 52.10.4.1535 / SEMCAD: 14.6.14 (7501) DASY6: 16.4.0.5005 / DASY8: 16.4.0.5005			
Location	Eurofins KCTL Co.,Ltd. 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea			
Manufacture	SPEAG			
Hardware Reference				
Equipment	Model	Serial Number	Date of Calibration	Due date of next Calibration
Shield Room	-	8F - 1	-	-
	-	8F - 2	-	-
	-	8F - 3	-	-
	-	8F - 4	-	-
	-	8F - 6	-	-
DASY5 Robot	TX90XL speag	F07/554JA1/A/01	-	-
	TX90XL speag	F12/5L7FA1/A/01	-	-
DASY6 Robot	TX60 Lspeag	F/19/0007289/A/001	-	-
	TX90XL speag	F/18/0004968/A/001	-	-
DASY8 Robot	TX2-60L	F/22/0042066/A/001	-	-
Phantom	ELI Phantom V8.0	1178	-	-
	ELI Phantom V8.0	1220	-	-
	2mm Oval Phantom ELI5	2097	-	-
	2mm Oval Phantom ELI5	2098	-	-
Mounting Device	Laptop Holder	-	-	-
DAE	DAE4	666	2025-01-21	2026-01-21
	DAE4	1342	2024-02-16	2025-02-16
	DAE4	1587	2024-07-12	2025-07-12
	DAE4	1586	2024-04-19	2025-04-19
	DAE4	1756	2024-09-13	2025-09-13
	DAE4	1759	2024-11-19	2025-11-19
Probe	EX3DV4	3697	2024-04-22	2025-04-22
	EX3DV4	3928	2024-02-22	2025-02-22
	EX3DV4		2025-02-21	2026-02-21
	EX3DV4	7540	2024-05-23	2025-05-23
	EX3DV4	7770	2024-11-22	2025-11-22
	EX3DV4	7772	2024-09-23	2025-09-23
	EX3DV4	7840	2024-08-20	2025-08-20
	EX3DV4	7851	2024-07-17	2025-07-17
MICROWAVE GENERATOR	SMP02	100295	2024-12-12	2025-12-12
ESG Vector Signal Generator	E4438C	MY42080845	2024-02-13	2025-02-13
Dual Power Meter	E4419B	GB43312301	2025-02-10	2026-02-10
	EPM-442A	GB37480680	2024-04-26	2025-04-26
Power Sensor	8481H	2703A11902	2024-04-26	2025-04-26
	8481H	3318A18090	2024-04-26	2025-04-26
	8481H	3318A19379	2025-02-10	2026-02-10
	8481H	3318A19377	2025-02-10	2026-02-10

Hardware Reference				
Equipment	Model	Serial Number	Date of Calibration	Due date of next Calibration
Dual Directional Coupler	772D	2839A160504	2024-04-26	2025-04-26
	778D	17236	2024-04-26	2025-04-26
	ZMDC-30-1+	F708102210	2024-12-11	2025-12-11
Directional Coupler	778D	17185	2024-11-04	2025-11-04
	772D	MY46151145	2024-11-04	2025-11-04
Power Amplifier	AMP2027	10010	2024-07-03	2025-07-03
	AMP2027ADB	10005	2024-04-26	2025-04-26
	TVA-R5-13A+	2202007	2024-12-11	2025-12-11
Low Pass Filter	NLP-1000+	VUU79701846	2024-04-26	2025-04-26
	VLF-3000+	31831	2024-04-26	2025-04-26
	VLF-6000+	31838	2024-04-26	2025-04-26
Attenuator	8491B 10dB	29425	2024-04-26	2025-04-26
	8491B-6dB	MY39270294	2024-04-26	2025-04-26
	8491B-6dB	MY39271046	2024-04-26	2025-04-26
	PE7005-10	2228-4	2025-01-17	2026-01-17
	PE7005-10	2228-5	2024-12-11	2025-12-11
	PE7005-10	2228-6	2024-12-11	2025-12-11
	PE7005-10	2228-7	2024-12-11	2025-12-11
	PE7005-10	2228-8	2024-12-11	2025-12-11
	PE7005-10	2228-9	2024-12-11	2025-12-11
ENA Series Network Analyzer	E5071B	MY42403524	2025-02-10	2026-02-10
	E5071C	MY46106699	2024-07-31	2025-07-31
Dielectric Assessment Kit	DAK-3.5	1078	2024-06-10	2025-06-10
	DAK-12	1165	2024-06-12	2025-06-12
Humidity/Temp	MHB-382SD	AJ.46305	2024-03-27	2025-03-27
	MHB-382SD	25737	2024-05-17	2025-05-17
	PC-5400TRH	PC-5400TRH-2	2024-11-06	2025-11-06
	PC-5400TRH	PC-5400TRH-3	2024-11-06	2025-11-06
Confined Loop Antennas	CLA13	1019	2024-05-21	2025-05-21
Dipole Validation Kits	D750V3	1224	2024-09-16	2026-09-16
	D850V2	1030	2024-09-16	2026-09-16
	D1750V2	1195	2024-09-13	2026-09-13
	D1900V2	5d248	2024-09-16	2026-09-16
	D2300V2	1109	2024-07-10	2026-07-10
	D2450V2	1091	2024-09-13	2026-09-13
	D2600V2	1200	2024-09-13	2026-09-13
	D3500V2	1146	2024-09-19	2026-09-19
	D3700V2	1027	2024-08-21	2026-08-21
	D3900V2	1043	2024-02-15	2026-02-15
	D5GHzV2	1134	2024-01-17	2026-01-17
Radio Communication Analyzer	MT8821C	6262170372	2024-11-04	2025-11-04
Radio Communication Test Station	MT8000A	6261987911	2024-08-13	2025-08-13
Wideband Radio Communication Tester	CMW500	168683	2025-02-10	2026-02-10
	CMW500	132120	2024-04-26	2025-04-26
Spectrum Analyzer	FSP7	100289	2024-12-11	2025-12-11