

4.3.5. Conducted Power of WLAN

The measuring conducted average power is shown as below.

Test Mode	RU&Index	Freq. [MHz]	Corr'd Average power Result [dBm]		
			Ant. 5	Ant. 6	Total
11B	---	2412	15.23	15.35	--
11B	---	2437	15.15	15.34	--
11B	---	2462	15.55	15.66	--
11G	---	2412	14.68	15.23	--
11G	---	2437	13.92	14.54	--
11G	---	2462	15.11	15.17	--
11N20MIMO	---	2412	12.22	10.39	14.41
11N20MIMO	---	2437	11.78	10.38	14.15
11N20MIMO	---	2462	12.72	10.35	14.71
11N40MIMO	---	2422	11.54	11.31	14.44
11N40MIMO	---	2437	11.72	11.22	14.49
11N40MIMO	---	2452	11.88	11.21	14.57
11AX20MIMO	SU	2412	12.01	10.29	14.24
11AX20MIMO	SU	2437	11.66	10.27	14.03
11AX20MIMO	SU	2462	11.86	10.88	14.41
11AX40MIMO	SU	2422	11.30	11.03	14.18
11AX40MIMO	SU	2437	11.86	11.13	14.52
11AX40MIMO	SU	2452	11.58	10.84	14.24

Test Mode	RU&Index	Freq. [MHz]	Corr'd Value (dBm)		
			Ant. 5	Ant. 6	Total
11A	---	5180	13.13	12.62	--
11A	---	5200	13.15	13.01	--
11A	---	5240	13.21	12.98	--
11A	---	5260	13.01	13.02	--
11A	---	5280	13.07	13.14	--
11A	---	5320	13.13	12.97	--
11A	---	5500	13.02	12.85	--
11A	---	5600	12.98	13.22	--
11A	---	5700	12.83	12.81	--
11A	---	5745	13.08	12.80	--
11A	---	5785	13.19	12.93	--
11A	---	5825	12.95	13.11	--
11N20MIMO	---	5180	10.81	7.66	12.52
11N20MIMO	---	5200	10.67	7.71	12.45
11N20MIMO	---	5240	10.92	8.05	12.73
11N20MIMO	---	5260	10.10	8.17	12.25
11N20MIMO	---	5280	10.35	8.73	12.63
11N20MIMO	---	5320	9.51	9.44	12.49
11N20MIMO	---	5500	9.53	9.21	12.38
11N20MIMO	---	5600	10.62	7.67	12.40
11N20MIMO	---	5700	10.66	7.33	12.32
11N20MIMO	---	5745	10.88	7.24	12.44
11N20MIMO	---	5785	10.00	8.63	12.38
11N20MIMO	---	5825	10.19	8.91	12.61
11N40MIMO	---	5190	10.27	6.96	11.93
11N40MIMO	---	5230	10.36	7.28	12.10
11N40MIMO	---	5270	9.92	7.98	12.07
11N40MIMO	---	5310	8.96	8.68	11.83
11N40MIMO	---	5510	8.82	8.58	11.71
11N40MIMO	---	5590	9.97	7.04	11.76
11N40MIMO	---	5670	10.29	6.85	11.91
11N40MIMO	---	5755	10.07	7.28	11.91
11N40MIMO	---	5795	9.45	7.77	11.70
11AC20MIMO	---	5180	10.79	7.66	12.51

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Test Mode	RU&Index	Freq. [MHz]	Corr'd Value (dBm)		
			Ant. 5	Ant. 6	Total
11AC20MIMO	---	5200	10.58	7.64	12.36
11AC20MIMO	---	5240	10.45	7.60	12.27
11AC20MIMO	---	5260	10.17	8.13	12.28
11AC20MIMO	---	5280	10.03	8.67	12.41
11AC20MIMO	---	5320	9.36	9.37	12.38
11AC20MIMO	---	5500	9.43	9.68	12.57
11AC20MIMO	---	5600	10.66	7.74	12.45
11AC20MIMO	---	5700	10.78	7.70	12.52
11AC20MIMO	---	5745	10.90	7.56	12.55
11AC20MIMO	---	5785	10.55	8.59	12.69
11AC20MIMO	---	5825	10.18	8.88	12.59
11AC40MIMO	---	5190	10.36	7.01	12.01
11AC40MIMO	---	5230	10.41	7.50	12.20
11AC40MIMO	---	5270	10.01	8.16	12.19
11AC40MIMO	---	5310	9.14	8.90	12.03
11AC40MIMO	---	5510	8.92	8.67	11.81
11AC40MIMO	---	5590	10.43	7.52	12.22
11AC40MIMO	---	5670	10.59	6.82	12.11
11AC40MIMO	---	5755	10.20	6.74	11.82
11AC40MIMO	---	5795	9.67	8.48	12.13
11AC80MIMO	---	5210	10.30	6.79	11.90
11AC80MIMO	---	5290	9.75	8.12	12.02
11AC80MIMO	---	5530	9.45	8.69	12.10
11AC80MIMO	---	5610	10.19	7.89	12.20
11AC80MIMO	---	5775	9.85	7.65	11.90
11AC160MIMO	---	5250	10.13	7.57	12.05
11AC160MIMO	---	5570	9.51	7.81	11.75
11AX20MIMO	SU	5180	10.41	7.08	12.07
11AX20MIMO	SU	5200	10.23	7.27	12.01
11AX20MIMO	SU	5240	10.21	7.61	12.11
11AX20MIMO	SU	5260	9.80	8.12	12.05
11AX20MIMO	SU	5280	9.96	8.27	12.21
11AX20MIMO	SU	5320	9.11	8.98	12.06
11AX20MIMO	SU	5500	8.71	8.78	11.76
11AX20MIMO	SU	5600	10.28	7.19	12.01
11AX20MIMO	SU	5700	10.48	7.00	12.09
11AX20MIMO	SU	5745	10.42	6.71	11.96
11AX20MIMO	SU	5785	9.61	7.71	11.77
11AX20MIMO	SU	5825	9.29	8.03	11.72
11AX40MIMO	SU	5190	10.29	7.03	11.97
11AX40MIMO	SU	5230	10.08	7.45	11.97
11AX40MIMO	SU	5270	9.97	8.35	12.25
11AX40MIMO	SU	5310	9.29	9.18	12.25
11AX40MIMO	SU	5510	9.36	8.80	12.10
11AX40MIMO	SU	5590	10.30	7.42	12.10
11AX40MIMO	SU	5670	10.29	6.88	11.92
11AX40MIMO	SU	5755	9.98	7.04	11.76
11AX40MIMO	SU	5795	9.66	8.51	12.13
11AX80MIMO	SU	5210	10.56	7.30	12.24
11AX80MIMO	SU	5290	9.59	8.02	11.89
11AX80MIMO	SU	5530	8.91	8.63	11.78
11AX80MIMO	SU	5610	10.17	7.33	11.99
11AX80MIMO	SU	5775	9.75	7.60	11.82
11AX160MIMO	SU	5250	10.18	7.62	12.10
11AX160MIMO	SU	5570	9.44	8.45	11.98

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4.3.6. Conducted Power of BT

Mode	Modulation	Channel	Frequency (MHz)	Average Power (dBm)
BR + EDR	GFSK	0	2402	6.86
		39	2441	6.96
		78	2480	7.23
	$\pi/4$ -DQPSK	0	2402	3.34
		39	2441	3.41
		78	2480	3.63
	8-DPSK	0	2402	3.35
		39	2441	3.42
		78	2480	3.68

Mode	Modulation	Channel	Frequency (MHz)	Average Power (dBm)
LE	GFSK	0	2402	1.39
		19	2440	1.52
		39	2480	1.95
2LE	GFSK	0	2402	-1.35
		19	2440	-1.22
		39	2480	-0.79
LE Code(125k)	GFSK	0	2402	2.64
		19	2440	2.78
		39	2480	3.23
LE Code(500k)	GFSK	0	2402	1.13
		19	2440	1.25
		39	2480	1.69
2 nd BLE	GFSK	0	2402	1.52
		19	2440	1.45
		39	2480	0.94

4.4. SAR TEST EXCLUSION EVALUATIONS

4.4.1. Standalone SAR Test Exclusion Considerations

According to KDB 447498 D04, SAR-based thresholds are derived based on frequency, power, and separation distance of the RF source. The formula defines the thresholds in general for either available maximum time-averaged power or maximum time-averaged ERP, whichever is greater.

The separation distance is the smallest distance from any part of the antenna or radiating structure for all persons, during operation at the applicable ERP. In the case of mobile or portable devices, the separation distance is from the outer housing of the device where it is closest to the antenna.

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). P_{th} is given by Formula (B.2).

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

Mode	Ant.	Max. time-averaged Power (dBm)	Gain (dBi)	ERP (dBm)	P _{ant} (mW)	Left Side			Right Side			Top Side			Bottom Side		
						Ant. to Surface (cm)	P _{th} (mW)	Require SAR Testing ?	Ant. to Surface (cm)	P _{th} (mW)	Require SAR Testing ?	Ant. to Surface (cm)	P _{th} (mW)	Require SAR Testing ?	Ant. to Surface (cm)	P _{th} (mW)	Require SAR Testing ?
GSM 850	0	27.0	-5.55	19.30	501.19	0.5	9.03	Yes	1.2	31.45	Yes	13.4	978.86	No	0.5	9.03	Yes
PCS 1900	0	24.7	1.27	23.82	295.12	0.5	3.35	Yes	1.2	16.89	Yes	13.4	1459.80	No	0.5	3.35	Yes
WCDMA Band II	0	22.5	1.27	21.62	177.83	0.5	3.35	Yes	1.2	16.89	Yes	13.4	1459.80	No	0.5	3.35	Yes
WCDMA Band IV	0	22.5	2.08	22.43	177.83	0.5	3.58	Yes	1.2	17.79	Yes	13.4	1470.58	No	0.5	3.58	Yes
WCDMA Band V	0	24.5	-5.55	16.80	281.84	0.5	9.03	Yes	1.2	31.45	Yes	13.4	978.86	No	0.5	9.03	Yes
LTE Band 7	0	23.0	-8.78	12.07	199.53	0.5	2.64	Yes	1.2	14.09	Yes	13.4	1422.60	No	0.5	2.64	Yes
LTE Band 12(17)	0	23.5	-15.35	6.00	223.87	0.5	11.47	Yes	1.2	36.24	Yes	13.4	863.04	No	0.5	11.47	Yes
LTE Band 13	0	23.5	-8.42	12.93	223.87	0.5	10.05	Yes	1.2	33.50	Yes	13.4	925.51	No	0.5	10.05	Yes
LTE Band 14	0	23.5	-8.42	12.93	223.87	0.5	9.85	Yes	1.2	33.11	Yes	13.4	935.05	No	0.5	9.85	Yes
LTE Band 25(2)	0	24.0	1.27	23.12	251.19	0.5	3.34	Yes	1.2	16.86	Yes	13.4	1459.47	No	0.5	3.34	Yes
LTE Band 26(5)	0	24.0	-5.55	16.30	251.19	0.5	9.03	Yes	1.2	31.45	Yes	13.4	978.86	No	0.5	9.03	Yes
LTE Band 41(38)	0	24.5	-2.46	19.89	281.84	0.5	2.55	Yes	1.2	13.70	Yes	13.4	1416.97	No	0.5	2.55	Yes
LTE Band 48	1	23.0	-7.29	13.56	199.53	6.7	346.55	No	0.5	1.97	Yes	10.8	896.89	No	0.5	1.97	Yes
LTE Band 66(4)	0	23.5	2.08	23.43	223.87	0.5	3.54	Yes	1.2	17.63	Yes	13.4	1468.77	No	0.5	3.54	Yes
LTE Band 71	0	23.0	-19.84	1.01	199.53	0.5	11.89	Yes	1.2	37.02	Yes	13.4	846.95	No	0.5	11.89	Yes
5G NR n7	0	23.0	-8.78	12.07	199.53	0.5	2.64	Yes	1.2	14.09	Yes	13.4	1422.60	No	0.5	2.64	Yes
5G NR n12	0	23.0	-15.35	5.50	199.53	0.5	11.47	Yes	1.2	36.24	Yes	13.4	863.04	No	0.5	11.47	Yes
5G NR n13	0	23.5	-8.42	12.93	223.87	0.5	10.05	Yes	1.2	33.50	Yes	13.4	925.51	No	0.5	10.05	Yes
5G NR n14	0	23.5	-8.42	12.93	223.87	0.5	9.85	Yes	1.2	33.11	Yes	13.4	935.05	No	0.5	9.85	Yes
5G NR n25(2)	0	23.0	1.27	22.12	199.53	0.5	3.34	Yes	1.2	16.86	Yes	13.4	1459.47	No	0.5	3.34	Yes
5G NR n26(5)	0	23.5	-5.55	15.80	223.87	0.5	9.03	Yes	1.2	31.45	Yes	13.4	978.86	No	0.5	9.03	Yes
5G NR n41(38)	0	24.0	-2.46	19.39	251.19	0.5	2.55	Yes	1.2	13.70	Yes	13.4	1416.97	No	0.5	2.55	Yes
5G NR n48	1	23.0	-7.29	13.56	199.53	6.7	346.55	No	0.5	1.97	Yes	10.8	896.89	No	0.5	1.97	Yes
5G NR n66	0	23.0	2.08	22.93	199.53	0.5	3.54	Yes	1.2	17.63	Yes	13.4	1468.77	No	0.5	3.54	Yes
5G NR n71	0	23.5	-19.84	1.51	223.87	0.5	11.89	Yes	1.2	37.02	Yes	13.4	846.95	No	0.5	11.89	Yes
5G NR n77(78)	1	22.5	-1.44	18.91	177.83	6.7	340.60	No	0.5	1.86	Yes	10.8	888.18	No	0.5	1.86	Yes
WLAN 2.4G	5	16.0	-2.13	11.72	39.81	0.5	2.73	Yes	2.2	45.84	No	0.5	2.73	Yes	13.1	1367.69	No
	6	16.0	0.12	13.97	39.81	5.7	280.66	No	0.5	2.73	Yes	0.5	2.73	Yes	13.2	1387.63	No
	5+6	15.0	2.08	17.08	51.05	0.5	2.73	Yes	0.5	2.73	Yes	0.5	2.73	Yes	13.1	1367.69	No
WLAN 5G	5	13.5	0.42	11.77	22.39	0.5	1.37	Yes	2.2	30.34	No	0.5	1.37	Yes	13.1	1263.65	No
	6	13.5	0.97	12.32	22.39	5.7	221.94	No	0.5	1.37	Yes	0.5	1.37	Yes	13.2	1283.89	No
	5+6	13.0	3.71	16.71	46.88	0.5	1.37	Yes	0.5	1.37	Yes	0.5	1.37	Yes	13.1	1263.65	No
Bluetooth	5	7.5	-2.13	3.22	5.62	0.5	2.72	Yes	2.2	45.68	No	0.5	2.72	Yes	13.1	1366.78	No
2 nd BLE	8	2.0	-4.57	-4.72	1.58	1.8	31.17	No	2.1	41.81	No	3.1	87.79	No	12.5	1250.01	No
RFID	5	19.5	-3.09	14.26	89.13	0.5	7.97	Yes	2.2	71.74	Yes	0.5	7.97	Yes	13.1	1010.88	No

Note:

- 1) Based on the antenna location shown on appendix D of this report for SAR test exclusion.
- 2) The 1 mW Blanket Exemption applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

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4.4.2. Estimated SAR Calculation

According to KDB 447498 D04, when an antenna qualifies for test exemption in single transmitter/antenna mode, its actual SAR value may not be available, because it was not required to be measured. In this case, the SAR contribution of that antenna to simultaneous transmission must be estimated relative to the SAR or MPE based exemption criteria for the applicable terms in the equation of § 1.1307(b)(3)(ii)(B) (see also Appendix C), by multiplying the corresponding ratio by the SAR limit of 1.6 W/kg for 1-g SAR. This is referred to as estimated SAR.

For instance, a given antenna may qualify for a SAR-based exemption according to Section B.4, with $P_{ant} < P_{th}$, where P_{ant} is maximum time-averaged power or effective radiated power (ERP), whichever is greater, and P_{th} is defined in Formula (B.2). Then, per the preceding paragraph, the estimated SAR is computed as $SAR_{est} = 1.6 \cdot P_{ant} / P_{th}$ [W/kg].

Mode / Band	Ant.	Freq. (GHz)	P_{ant} (mW)	Ant. to Surface (cm)	P_{th} (mW)	Test Position	Estimated 1g SAR (W/kg)
GSM 850	0	849	501.19	13.4	978.86	Top Side	0.819
PCS 1900	0	1910	295.12	13.4	1459.80	Top Side	0.323
WCDMA Band II	0	1910	177.83	13.4	1459.80	Top Side	0.195
WCDMA Band IV	0	1755	177.83	13.4	1470.58	Top Side	0.193
WCDMA Band V	0	849	281.84	13.4	978.86	Top Side	0.461
LTE Band 7	0	2570	199.53	13.4	1422.60	Top Side	0.224
LTE Band 12(17)	0	716	223.87	13.4	863.04	Top Side	0.415
LTE Band 13	0	787	223.87	13.4	925.51	Top Side	0.387
LTE Band 14	0	798	223.87	13.4	935.05	Top Side	0.383
LTE Band 25(2)	0	1915	251.19	13.4	1459.47	Top Side	0.275
LTE Band 26(5)	0	849	251.19	13.4	978.86	Top Side	0.411
LTE Band 41(38)	0	2690	281.84	13.4	1416.97	Top Side	0.318
LTE Band 48	1	3700	199.53	6.7	346.55	Left Side	0.921
LTE Band 48	1	3700	199.53	10.8	896.89	Top Side	0.356
LTE Band 66(4)	0	1780	223.87	13.4	1468.77	Top Side	0.244
LTE Band 71	0	698	199.53	13.4	846.95	Top Side	0.377
5G NR n7	0	2570	199.53	13.4	1422.60	Top Side	0.224
5G NR n12	0	716	199.53	13.4	863.04	Top Side	0.370
5G NR n13	0	787	223.87	13.4	925.51	Top Side	0.387
5G NR n14	0	798	223.87	13.4	935.05	Top Side	0.383
5G NR n25(2)	0	1915	199.53	13.4	1459.47	Top Side	0.219
5G NR n26(5)	0	849	223.87	13.4	978.86	Top Side	0.366
5G NR n41(38)	0	2690	251.19	13.4	1416.97	Top Side	0.284
5G NR n48	1	3700	199.53	6.7	346.55	Left Side	0.921
5G NR n48	1	3700	199.53	10.8	896.89	Top Side	0.356
5G NR n66	0	1780	199.53	13.4	1468.77	Top Side	0.217
5G NR n71	0	698	223.87	13.4	846.95	Top Side	0.423
5G NR n77(78)	1	3980	177.83	10.8	888.18	Top Side	0.320
5G NR n77(78)	1	3980	177.83	6.7	340.60	Left Side	0.835
WLAN 2.4G	5	2462	39.81	2.2	45.84	Right Side	1.390
WLAN 2.4G	5	2462	39.81	13.1	1367.69	Bottom Side	0.047
WLAN 2.4G	6	2462	39.81	5.7	280.66	Left Side	0.227
WLAN 2.4G	6	2462	39.81	13.2	1387.63	Bottom Side	0.046
WLAN 2.4G	5+6	2462	51.05	13.1	1367.69	Bottom Side	0.060
WLAN 5G	5	5825	22.39	2.2	30.34	Right Side	1.181
WLAN 5G	5	5825	22.39	13.1	1263.65	Bottom Side	0.028
WLAN 5G	6	5825	22.39	5.7	221.94	Left Side	0.161
WLAN 5G	6	5825	22.39	13.2	1283.89	Bottom Side	0.028
WLAN 5G	5+6	5825	46.88	13.1	1263.65	Bottom Side	0.059
Bluetooth	5	2480	5.62	2.2	45.68	Right Side	0.197
Bluetooth	5	2480	5.62	13.1	1366.78	Bottom Side	0.007
2 nd BLE	8	2480	1.58	1.8	31.17	Left Side	0.081
2 nd BLE	8	2480	1.58	2.1	41.81	Right Side	0.060
2 nd BLE	8	2480	1.58	3.1	87.79	Top Side	0.029
2 nd BLE	8	2480	1.58	12.5	1250.01	Bottom Side	0.002
RFID	5	928	89.13	13.1	1010.88	Bottom Side	0.141

4.5. SAR TESTING RESULTS

4.5.1. SAR Test Reduction Considerations

KDB 447498 D04 General RF Exposure Guidance

Testing of other required channels within the operating mode of a frequency band is not required when the reported SAR for the mid-band or highest output power channel is:

- a) ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- b) ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- c) ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 941225 D01 3G SAR Procedures

a) GSM SAR Test Reduction

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested. The GMSK EDGE configurations are grouped with GPRS and considered with respect to time-averaged maximum output power to determine compliance. The 3G SAR test reduction procedure is applied to 8-PSK EDGE with GMSK GPRS/EDGE as the primary mode.

b) 3G SAR Test Reduction Procedure

The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices

a) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, 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. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

b) QPSK with 100% RB allocation

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

c) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> 1/2$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

d) Others channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is $> 1/2$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

For 5G NR test procedure was following step similar FCC KDB 941225 D05

- For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KDB 941225 D05 procedure for other modulation output power for each RB allocation configuration is $\geq$ not 1/2 dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.
- For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class2 and 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth.
- SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel
- 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure
- QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested
- PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not 1/2 dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK/16QAM/64QAM/256QAM AM SAR testing are not required.
- Smaller bandwidth output power for each RB allocation configuration for this device will not 1/2 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device

KDB 941225 D06 Hot Spot SAR

Hotspot mode SAR is measured for all edges and surfaces of the device with a transmitting antenna located within 25 mm from that surface or edge.

Antenna	Front Face	Rear Face	Left Side	Right	Top Side	Bottom Side
WWAN Ant. 0	Yes	Yes	Yes	Yes	N/A	Yes
WWAN Ant. 1	Yes	Yes	Yes	Yes	N/A	Yes
WLAN Ant. 5	Yes	Yes	Yes	N/A	Yes	N/A
WLAN Ant. 6	Yes	Yes	N/A	Yes	Yes	N/A

KDB 248227 D01 Wi-Fi SAR

- a) For handsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is ≤ 0.4 W/kg, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is ≤ 0.8 W/kg or all test positions are measured.
- b) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is ≤ 0.8 W/kg, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is ≤ 1.2 W/kg.
- c) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is ≤ 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is ≤ 1.2 W/kg.
- d) For WLAN MIMO mode, the power-based standalone SAR test exclusion or the sum of SAR provision in KDB 447498 to determine simultaneous transmission SAR test exclusion should be applied. Otherwise, SAR for MIMO mode will be measured with all applicable antennas transmitting simultaneously at the specified maximum output power of MIMO operation.

4.5.2. SAR Results for Head Exposure Condition

Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
1	GSM850	--	GPRS12	Right Cheek	128	--	--	0	DSI-0	--	30.0	29.45	1.14	-0.04	0.08	0.091
	GSM850	--	GPRS12	Right Tilted	128	--	--	0	DSI-0	--	30.0	29.45	1.14	-0.03	0.035	0.040
	GSM850	--	GPRS12	Left Cheek	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.05	0.075	0.085
	GSM850	--	GPRS12	Left Tilted	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.04	0.045	0.051
	PCS1900	--	GPRS11	Right Cheek	512	--	--	0	DSI-0	--	29.0	28.41	1.15	0.03	0.016	0.018
	PCS1900	--	GPRS11	Right Tilted	512	--	--	0	DSI-0	--	29.0	28.41	1.15	0.06	0.016	0.018
2	PCS1900	--	GPRS11	Left Cheek	512	--	--	0	DSI-0	--	29.0	28.41	1.15	0.00	0.04	0.046
	PCS1900	--	GPRS11	Left Tilted	512	--	--	0	DSI-0	--	29.0	28.41	1.15	0.06	0.027	0.031
	WCDMA Band II	--	RMC12.2K	Right Cheek	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.05	0.086	0.095
	WCDMA Band II	--	RMC12.2K	Right Tilted	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.17	0.06	0.066
3	WCDMA Band II	--	RMC12.2K	Left Cheek	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.06	0.153	0.168
	WCDMA Band II	--	RMC12.2K	Left Tilted	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	-0.10	0.082	0.090
	WCDMA Band IV	--	RMC12.2K	Right Cheek	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.00	0.055	0.059
	WCDMA Band IV	--	RMC12.2K	Right Tilted	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.00	0.037	0.040
4	WCDMA Band IV	--	RMC12.2K	Left Cheek	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	-0.16	0.098	0.105
	WCDMA Band IV	--	RMC12.2K	Left Tilted	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.00	0.09	0.096
5	WCDMA Band V	--	RMC12.2K	Right Cheek	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	-0.12	0.105	0.120
	WCDMA Band V	--	RMC12.2K	Right Tilted	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.09	0.053	0.061
	WCDMA Band V	--	RMC12.2K	Left Cheek	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	-0.05	0.08	0.091
	WCDMA Band V	--	RMC12.2K	Left Tilted	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.18	0.052	0.059
	LTE Band 7	--	QPSK20M	Right Cheek	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.07	0.18	0.198
	LTE Band 7	--	QPSK20M	Right Tilted	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	0.05	0.164	0.181
6	LTE Band 7	--	QPSK20M	Left Cheek	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	0.08	0.359	0.395
	LTE Band 7	--	QPSK20M	Left Tilted	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	0.08	0.109	0.120
	LTE Band 7	--	QPSK20M	Right Cheek	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.04	0.142	0.165
	LTE Band 7	--	QPSK20M	Right Tilted	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.11	0.139	0.162
	LTE Band 7	--	QPSK20M	Left Cheek	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	0.09	0.291	0.339
	LTE Band 7	--	QPSK20M	Left Tilted	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	0.03	0.08	0.093
	LTE Band 7	--	QPSK20M	Right Cheek	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.05	0.082	0.092
	LTE Band 7	--	QPSK20M	Right Tilted	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	0.07	0.075	0.084
6-1	LTE Band 7	--	QPSK20M	Left Cheek	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.09	0.164	0.184
	LTE Band 7	--	QPSK20M	Left Tilted	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	0.09	0.05	0.056
	LTE Band 7	--	QPSK20M	Right Cheek	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	-0.06	0.065	0.077
	LTE Band 7	--	QPSK20M	Right Tilted	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.02	0.064	0.076

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UTTR-SAR-IEEE Std 1528-2013-V1.1

Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 7	--	QPSK20M	Left Cheek	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.04	0.134	0.159
	LTE Band 7	--	QPSK20M	Left Tilted	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.08	0.037	0.044
	LTE Band 12 (17)	--	QPSK10M	Right Cheek	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.05	0.097	0.111
	LTE Band 12 (17)	--	QPSK10M	Right Tilted	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	0.04	0.062	0.071
7	LTE Band 12 (17)	--	QPSK10M	Left Cheek	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	0.06	0.105	0.120
	LTE Band 12 (17)	--	QPSK10M	Left Tilted	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	0.05	0.073	0.083
	LTE Band 12 (17)	--	QPSK10M	Right Cheek	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	0.06	0.079	0.092
	LTE Band 12 (17)	--	QPSK10M	Right Tilted	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.02	0.051	0.060
	LTE Band 12 (17)	--	QPSK10M	Left Cheek	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	0.03	0.085	0.099
	LTE Band 12 (17)	--	QPSK10M	Left Tilted	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	0.04	0.048	0.056
8	LTE Band 13	--	QPSK10M	Right Cheek	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	0.02	0.163	0.182
	LTE Band 13	--	QPSK10M	Right Tilted	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.03	0.074	0.082
	LTE Band 13	--	QPSK10M	Left Cheek	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	0.08	0.143	0.159
	LTE Band 13	--	QPSK10M	Left Tilted	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.07	0.079	0.088
	LTE Band 13	--	QPSK10M	Right Cheek	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	0.09	0.13	0.143
	LTE Band 13	--	QPSK10M	Right Tilted	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	0.01	0.055	0.060
	LTE Band 13	--	QPSK10M	Left Cheek	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.08	0.109	0.120
	LTE Band 13	--	QPSK10M	Left Tilted	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.01	0.061	0.067
9	LTE Band 14	--	QPSK10M	Right Cheek	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	0.04	0.129	0.141
	LTE Band 14	--	QPSK10M	Right Tilted	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.12	0.059	0.064
	LTE Band 14	--	QPSK10M	Left Cheek	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.07	0.103	0.112
	LTE Band 14	--	QPSK10M	Left Tilted	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	0.05	0.057	0.062
	LTE Band 14	--	QPSK10M	Right Cheek	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	-0.07	0.102	0.112
	LTE Band 14	--	QPSK10M	Right Tilted	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.08	0.047	0.052
	LTE Band 14	--	QPSK10M	Left Cheek	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.06	0.081	0.089
	LTE Band 14	--	QPSK10M	Left Tilted	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.01	0.045	0.050
	LTE Band 25 (2)	--	QPSK20M	Right Cheek	26590	1	0	0	DSI-0	--	24.0	23.45	1.14	0.04	0.235	0.267
	LTE Band 25 (2)	--	QPSK20M	Right Tilted	26590	1	0	0	DSI-0	--	24.0	23.45	1.14	-0.16	0.129	0.146
10	LTE Band 25 (2)	--	QPSK20M	Left Cheek	26590	1	0	0	DSI-0	--	24.0	23.45	1.14	0.01	0.349	0.396
	LTE Band 25 (2)	--	QPSK20M	Left Tilted	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.10	0.147	0.149
	LTE Band 25 (2)	--	QPSK20M	Right Cheek	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.09	0.199	0.213
	LTE Band 25 (2)	--	QPSK20M	Right Tilted	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.04	0.109	0.117
	LTE Band 25 (2)	--	QPSK20M	Left Cheek	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	0.05	0.281	0.301
	LTE Band 25 (2)	--	QPSK20M	Left Tilted	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.02	0.114	0.122
	LTE Band 25 (2)	--	QPSK20M	Right Cheek	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.08	0.104	0.121

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
10-1	LTE Band 25 (2)	--	QPSK20M	Right Tilted	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	0.01	0.057	0.066
	LTE Band 25 (2)	--	QPSK20M	Left Cheek	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.06	0.155	0.180
	LTE Band 25 (2)	--	QPSK20M	Left Tilted	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	0.06	0.065	0.075
	LTE Band 25 (2)	--	QPSK20M	Right Cheek	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.04	0.088	0.096
	LTE Band 25 (2)	--	QPSK20M	Right Tilted	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.08	0.048	0.053
	LTE Band 25 (2)	--	QPSK20M	Left Cheek	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.09	0.124	0.136
	LTE Band 25 (2)	--	QPSK20M	Left Tilted	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.04	0.05	0.055
11	LTE Band 26 (5)	--	QPSK15M	Right Cheek	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.05	0.234	0.267
	LTE Band 26 (5)	--	QPSK15M	Right Tilted	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	0.16	0.13	0.149
	LTE Band 26 (5)	--	QPSK15M	Left Cheek	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.08	0.193	0.221
	LTE Band 26 (5)	--	QPSK15M	Left Tilted	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	0.03	0.13	0.149
	LTE Band 26 (5)	--	QPSK15M	Right Cheek	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.03	0.177	0.209
	LTE Band 26 (5)	--	QPSK15M	Right Tilted	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.05	0.101	0.119
	LTE Band 26 (5)	--	QPSK15M	Left Cheek	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.12	0.149	0.176
	LTE Band 26 (5)	--	QPSK15M	Left Tilted	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.08	0.1	0.118
12	LTE Band 41 (38)	--	QPSK20M	Right Cheek	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.05	0.137	0.157
	LTE Band 41 (38)	--	QPSK20M	Right Tilted	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	0.01	0.154	0.176
	LTE Band 41 (38)	--	QPSK20M	Left Cheek	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.07	0.267	0.305
	LTE Band 41 (38)	--	QPSK20M	Left Tilted	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	0.00	0.095	0.109
	LTE Band 41 (38)	--	QPSK20M	Right Cheek	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	0.02	0.11	0.126
	LTE Band 41 (38)	--	QPSK20M	Right Tilted	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	0.07	0.129	0.147
	LTE Band 41 (38)	--	QPSK20M	Left Cheek	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.03	0.214	0.245
	LTE Band 41 (38)	--	QPSK20M	Left Tilted	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	0.04	0.077	0.088
13	LTE Band 48	--	QPSK20M	Right Cheek	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	0.00	0.171	0.185
	LTE Band 48	--	QPSK20M	Right Tilted	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.03	0.06	0.065
	LTE Band 48	--	QPSK20M	Left Cheek	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	0.00	<0.01	<0.01
	LTE Band 48	--	QPSK20M	Left Tilted	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	0.00	<0.01	<0.01
	LTE Band 48	--	QPSK20M	Right Cheek	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.02	0.137	0.151
	LTE Band 48	--	QPSK20M	Right Tilted	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.08	0.048	0.053
	LTE Band 48	--	QPSK20M	Left Cheek	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.00	<0.01	<0.01
	LTE Band 48	--	QPSK20M	Left Tilted	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.00	<0.01	<0.01
14	LTE Band 66 (4)	--	QPSK20M	Right Cheek	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.06	0.172	0.191
	LTE Band 66 (4)	--	QPSK20M	Right Tilted	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.08	0.117	0.130
	LTE Band 66 (4)	--	QPSK20M	Left Cheek	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.06	0.307	0.341
	LTE Band 66 (4)	--	QPSK20M	Left Tilted	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.03	0.283	0.314

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 66 (4)	--	QPSK20M	Right Cheek	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.02	0.131	0.154
	LTE Band 66 (4)	--	QPSK20M	Right Tilted	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.08	0.089	0.105
	LTE Band 66 (4)	--	QPSK20M	Left Cheek	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.17	0.234	0.276
	LTE Band 66 (4)	--	QPSK20M	Left Tilted	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	-0.08	0.216	0.254
	LTE Band 71	--	QPSK20M	Right Cheek	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.14	0.089	0.095
	LTE Band 71	--	QPSK20M	Right Tilted	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	0.02	0.057	0.061
15	LTE Band 71	--	QPSK20M	Left Cheek	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	0.04	0.093	0.099
	LTE Band 71	--	QPSK20M	Left Tilted	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.08	0.065	0.069
	LTE Band 71	--	QPSK20M	Right Cheek	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.05	0.073	0.079
	LTE Band 71	--	QPSK20M	Right Tilted	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.01	0.047	0.051
	LTE Band 71	--	QPSK20M	Left Cheek	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.08	0.076	0.082
	LTE Band 71	--	QPSK20M	Left Tilted	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.06	0.053	0.057
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Cheek	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	-0.08	0.154	0.176
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Tilted	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.03	0.136	0.156
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Cheek	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.04	0.293	0.336
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Tilted	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.08	0.096	0.110
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Cheek	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.05	0.153	0.173
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Tilted	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	-0.02	0.139	0.157
16	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Cheek	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	-0.07	0.298	0.337
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Tilted	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.06	0.093	0.105
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Cheek	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.02	0.096	0.101
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Tilted	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	0.15	0.061	0.064
17	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Cheek	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.05	0.104	0.109
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Tilted	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.06	0.072	0.076
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Cheek	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.06	0.076	0.081
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Tilted	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.04	0.048	0.051
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Cheek	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.02	0.082	0.087
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Tilted	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.00	0.057	0.061
18	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Cheek	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.11	0.17	0.181
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Tilted	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	0.02	0.077	0.082
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Cheek	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.06	0.149	0.159
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Tilted	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	0.04	0.082	0.087
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Cheek	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.06	0.158	0.177
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Tilted	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.05	0.072	0.081
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Cheek	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.02	0.139	0.156

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Tilted	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.01	0.076	0.085
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Cheek	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.16	0.143	0.147
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Tilted	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	-0.02	0.066	0.068
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Cheek	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.08	0.115	0.118
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Tilted	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.01	0.064	0.066
19	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Cheek	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	-0.03	0.144	0.160
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Tilted	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.02	0.067	0.074
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Cheek	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.15	0.114	0.126
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Tilted	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.06	0.065	0.072
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Cheek	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	-0.08	0.196	0.227
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Tilted	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.02	0.108	0.125
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Cheek	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.08	0.291	0.337
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Tilted	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	-0.11	0.123	0.143
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Cheek	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.03	0.253	0.286
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Tilted	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.04	0.139	0.157
20	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Cheek	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.02	0.376	0.425
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Tilted	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.06	0.159	0.180
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Cheek	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.09	0.084	0.097
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Tilted	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.04	0.046	0.053
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Cheek	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.01	0.125	0.144
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Tilted	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.05	0.053	0.061
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Cheek	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.06	0.128	0.145
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Tilted	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.08	0.109	0.123
20-1	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Cheek	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	0.01	0.162	0.183
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Tilted	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	0.04	0.068	0.077
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Cheek	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	-0.01	0.217	0.251
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Tilted	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.06	0.122	0.141
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Cheek	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.08	0.181	0.210
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Tilted	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.01	0.121	0.140
21	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Cheek	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	-0.01	0.233	0.274
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Tilted	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.08	0.131	0.154
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Cheek	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.05	0.194	0.228
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Tilted	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.06	0.129	0.152
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Cheek	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.02	0.251	0.270
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Tilted	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.09	0.221	0.237

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	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Cheek	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.17	0.415	0.446
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Tilted	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.15	0.155	0.166
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Cheek	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.02	0.245	0.283
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Tilted	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.06	0.225	0.260
22	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Cheek	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.05	0.423	0.488
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Tilted	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.09	0.153	0.176
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Cheek	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.02	0.164	0.177
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Tilted	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	0.07	0.144	0.155
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Cheek	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	0.02	0.271	0.292
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Tilted	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.06	0.101	0.109
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Cheek	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.02	0.159	0.181
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Tilted	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	-0.06	0.147	0.168
22-1	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Cheek	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	-0.02	0.276	0.315
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Tilted	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.01	0.099	0.113
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Cheek	638000	1	Left	1	DSI-0	--	23.0	22.10	1.23	-0.09	0.16	0.197
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Tilted	638000	1	Left	1	DSI-0	--	23.0	22.10	1.23	0.03	0.014	0.017
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Cheek	638000	1	Left	1	DSI-0	--	23.0	22.10	1.23	0.00	<0.01	<0.01
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Tilted	638000	1	Left	1	DSI-0	--	23.0	22.10	1.23	0.00	<0.01	<0.01
23	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Cheek	638000	Innter_Full	Mid	1	DSI-0	--	23.0	22.06	1.24	-0.09	0.165	0.205
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Tilted	638000	Innter_Full	Mid	1	DSI-0	--	23.0	22.06	1.24	0.05	0.072	0.089
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Cheek	638000	Innter_Full	Mid	1	DSI-0	--	23.0	22.06	1.24	0.00	<0.01	<0.01
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Tilted	638000	Innter_Full	Mid	1	DSI-0	--	23.0	22.06	1.24	0.00	<0.01	<0.01
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Cheek	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	-0.05	0.132	0.146
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Tilted	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.01	0.091	0.100
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Cheek	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.08	0.236	0.261
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Tilted	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.00	0.218	0.241
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Cheek	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.09	0.162	0.170
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Tilted	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	-0.11	0.11	0.115
24	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Cheek	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	-0.07	0.29	0.304
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Tilted	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.05	0.267	0.280
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Cheek	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.02	0.068	0.078
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Tilted	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	0.04	0.044	0.051
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Cheek	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.02	0.071	0.082
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Tilted	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	0.02	0.049	0.056
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Cheek	134600	Innter_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	-0.09	0.074	0.088

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Tilted	134600	Innater_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.01	0.048	0.057
25	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Cheek	134600	Innater_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.04	0.077	0.092
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Tilted	134600	Innater_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.05	0.053	0.063
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Cheek	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.00	0.151	0.161
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Tilted	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.06	0.046	0.049
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Cheek	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.00	<0.01	<0.01
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Tilted	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.06	<0.01	<0.01
26	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Cheek	633334	Innater_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	-0.01	0.166	0.177
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Tilted	633334	Innater_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.01	0.047	0.050
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Cheek	633334	Innater_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.00	<0.01	<0.01
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Tilted	633334	Innater_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.00	<0.01	<0.01
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Cheek	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	-0.05	0.055	0.065
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Tilted	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.01	0.017	0.020
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Cheek	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.08	<0.01	<0.01
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Tilted	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.01	<0.01	<0.01
26-1	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Cheek	633334	Innater_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.17	0.059	0.068
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Tilted	633334	Innater_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	-0.06	0.017	0.020
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Cheek	633334	Innater_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.08	<0.01	<0.01
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Tilted	633334	Innater_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.04	<0.01	<0.01
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Cheek	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0.07	0.275	0.291
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Tilted	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0.06	0.085	0.090
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Cheek	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0	0.00931	0.010
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Tilted	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0	0.00674	0.007
27	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Cheek	650000	Innater_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.07	0.28	0.304
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Tilted	650000	Innater_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.04	0.087	0.095
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Cheek	650000	Innater_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.00	0.00966	0.010
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Tilted	650000	Innater_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.00	0.00688	0.007
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Cheek	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	-0.06	0.127	0.149
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Tilted	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0.04	0.039	0.046
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Cheek	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0	<0.01	<0.01
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Tilted	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0	<0.01	<0.01
27-1	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Cheek	650000	Innater_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.05	0.129	0.155
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Tilted	650000	Innater_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.04	0.04	0.048
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Cheek	650000	Innater_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.00	<0.01	<0.01
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Tilted	650000	Innater_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.00	<0.01	<0.01

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	2.4GHz	--	802.11b	Right Cheek	11	--	--	5	DSI-0	1	16.0	15.55	1.11	-0.08	0.16	0.177
	2.4GHz	--	802.11b	Right Tilted	11	--	--	5	DSI-0	1	16.0	15.55	1.11	-0.05	0.091	0.101
	2.4GHz	--	802.11b	Left Cheek	11	--	--	5	DSI-0	1	16.0	15.55	1.11	-0.06	0.064	0.071
	2.4GHz	--	802.11b	Left Tilted	11	--	--	5	DSI-0	1	16.0	15.55	1.11	0.07	0.047	0.052
	2.4GHz	--	802.11b	Right Cheek	11	--	--	6	DSI-0	1	16.0	15.66	1.08	0.13	0.308	0.333
	2.4GHz	--	802.11b	Right Tilted	11	--	--	6	DSI-0	1	16.0	15.66	1.08	-0.03	0.191	0.207
28	2.4GHz	--	802.11b	Left Cheek	11	--	--	6	DSI-0	1	16.0	15.66	1.08	0.16	0.735	0.795
	2.4GHz	--	802.11b	Left Tilted	11	--	--	6	DSI-0	1	16.0	15.66	1.08	-0.08	0.444	0.480
	2.4GHz	--	802.11n-HT40	Right Cheek	9	--	--	5+6	DSI-0	1	15.0	14.57	1.10	0.05	0.111	0.123
	2.4GHz	--	802.11n-HT40	Right Tilted	9	--	--	5+6	DSI-0	1	15.0	14.57	1.10	0.01	0.068	0.075
	2.4GHz	--	802.11n-HT40	Left Cheek	9	--	--	5+6	DSI-0	1	15.0	14.57	1.10	0.06	0.264	0.291
	2.4GHz	--	802.11n-HT40	Left Tilted	9	--	--	5+6	DSI-0	1	15.0	14.57	1.10	0.09	0.159	0.176
29	U-NII-1	--	802.11a	Right Cheek	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	-0.02	0.294	0.317
	U-NII-1	--	802.11a	Right Tilted	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.03	0.253	0.273
	U-NII-1	--	802.11a	Left Cheek	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	-0.03	0.227	0.245
	U-NII-1	--	802.11a	Left Tilted	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	-0.08	0.213	0.230
	U-NII-1	--	802.11a	Right Cheek	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.04	0.018	0.020
	U-NII-1	--	802.11a	Right Tilted	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.05	0.022	0.025
	U-NII-1	--	802.11a	Left Cheek	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.03	0.031	0.035
	U-NII-1	--	802.11a	Left Tilted	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	0.14	0.036	0.041
	U-NII-1	--	802.11n-HT20	Right Cheek	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.06	0.175	0.185
	U-NII-1	--	802.11n-HT20	Right Tilted	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.01	0.151	0.160
	U-NII-1	--	802.11n-HT20	Left Cheek	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.08	0.135	0.143
	U-NII-1	--	802.11n-HT20	Left Tilted	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.06	0.127	0.134
30	U-NII-2A	--	802.11a	Right Cheek	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	-0.05	0.188	0.207
	U-NII-2A	--	802.11a	Right Tilted	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.13	0.172	0.189
	U-NII-2A	--	802.11a	Left Cheek	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.04	0.15	0.165
	U-NII-2A	--	802.11a	Left Tilted	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.04	0.166	0.182
	U-NII-2A	--	802.11a	Right Cheek	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	-0.05	0.029	0.032
	U-NII-2A	--	802.11a	Right Tilted	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.10	0.046	0.050
	U-NII-2A	--	802.11a	Left Cheek	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	-0.01	0.078	0.086
	U-NII-2A	--	802.11a	Left Tilted	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.02	0.063	0.069
	U-NII-2A	--	802.11n-HT20	Right Cheek	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.05	0.1	0.109
	U-NII-2A	--	802.11n-HT20	Right Tilted	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.07	0.091	0.099
	U-NII-2A	--	802.11n-HT20	Left Cheek	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.09	0.079	0.086

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	U-NII-2A	--	802.11n-HT20	Left Tilted	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.01	0.088	0.096
	U-NII-2C	--	802.11a	Right Cheek	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	-0.08	0.096	0.108
31	U-NII-2C	--	802.11a	Right Tilted	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.11	0.104	0.117
	U-NII-2C	--	802.11a	Left Cheek	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.02	0.089	0.100
	U-NII-2C	--	802.11a	Left Tilted	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.06	0.098	0.110
	U-NII-2C	--	802.11a	Right Cheek	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.02	0.034	0.037
	U-NII-2C	--	802.11a	Right Tilted	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.10	0.053	0.057
	U-NII-2C	--	802.11a	Left Cheek	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	-0.01	0.063	0.068
	U-NII-2C	--	802.11a	Left Tilted	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	-0.01	0.074	0.080
	U-NII-2C	--	802.11n-HT20	Right Cheek	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.06	0.056	0.064
	U-NII-2C	--	802.11n-HT20	Right Tilted	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.01	0.06	0.069
	U-NII-2C	--	802.11n-HT20	Left Cheek	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.08	0.052	0.060
	U-NII-2C	--	802.11n-HT20	Left Tilted	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.06	0.057	0.065
	U-NII-3	--	802.11a	Right Cheek	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	-0.09	0.189	0.205
	U-NII-3	--	802.11a	Right Tilted	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.05	0.162	0.176
	U-NII-3	--	802.11a	Left Cheek	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	-0.01	0.163	0.177
32	U-NII-3	--	802.11a	Left Tilted	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.03	0.216	0.234
	U-NII-3	--	802.11a	Right Cheek	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11a	Right Tilted	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11a	Left Cheek	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11a	Left Tilted	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11n-HT20	Right Cheek	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	-0.08	0.096	0.105
	U-NII-3	--	802.11n-HT20	Right Tilted	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.01	0.082	0.090
	U-NII-3	--	802.11n-HT20	Left Cheek	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.08	0.082	0.090
	U-NII-3	--	802.11n-HT20	Left Tilted	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.06	0.109	0.120
33	2.4GHz	--	Bluetooth_DH5	Right Cheek	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.00	0.00577	0.007
	2.4GHz	--	Bluetooth_DH5	Right Tilted	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.00	0.00228	0.003
	2.4GHz	--	Bluetooth_DH5	Left Cheek	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	-0.02	0.00372	0.004
	2.4GHz	--	Bluetooth_DH5	Left Tilted	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	-0.05	0.00319	0.004
	2.4GHz	--	Bluetooth_2 nd BLE	Right Cheek	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.00	<0.001	<0.001
	2.4GHz	--	Bluetooth_2 nd BLE	Right Tilted	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.00	<0.001	<0.001
33-1	2.4GHz	--	Bluetooth_2 nd BLE	Left Cheek	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.03	0.00235	0.003
	2.4GHz	--	Bluetooth_2 nd BLE	Left Tilted	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.00	<0.001	<0.001

Note: 1). "*" indicates that the data is repeated. 2). Scaled SAR-1g (W/kg) = (Measured SAR-1g (W/kg) x Scaling Factor) / Duty Cycle.

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4.5.3. SAR Results for Body-Worn Exposure Condition (Separation Distance is 1.0 cm)

Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
34	GSM850	--	GPRS12	Front Face	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.00	0.056	0.064
	GSM850	--	GPRS12	Rear Face	128	--	--	0	DSI-0	--	30.0	29.45	1.14	-0.03	0.142	0.161
35	PCS1900	--	GPRS11	Front Face	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.05	0.066	0.078
	PCS1900	--	GPRS11	Rear Face	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.04	0.254	0.300
36	WCDMA Band II	--	RMC12.2K	Front Face	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.05	0.236	0.259
	WCDMA Band II	--	RMC12.2K	Rear Face	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.411	0.452
37	WCDMA Band IV	--	RMC12.2K	Front Face	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.05	0.122	0.131
	WCDMA Band IV	--	RMC12.2K	Rear Face	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.06	0.271	0.290
38	WCDMA Band V	--	RMC12.2K	Front Face	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	-0.11	0.081	0.093
	WCDMA Band V	--	RMC12.2K	Rear Face	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.00	0.212	0.242
39	LTE Band 7	--	QPSK20M	Front Face	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.08	0.579	0.638
	LTE Band 7	--	QPSK20M	Rear Face	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	0.07	0.706	0.778
	LTE Band 7	--	QPSK20M	Front Face	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.06	0.467	0.544
	LTE Band 7	--	QPSK20M	Rear Face	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.03	0.569	0.662
39-1	LTE Band 7	--	QPSK20M	Front Face	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.06	0.291	0.326
	LTE Band 7	--	QPSK20M	Rear Face	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.04	0.355	0.397
	LTE Band 7	--	QPSK20M	Front Face	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.06	0.238	0.282
	LTE Band 7	--	QPSK20M	Rear Face	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.15	0.289	0.343
40	LTE Band 12	--	QPSK10M	Front Face	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.04	0.126	0.144
	LTE Band 12	--	QPSK10M	Rear Face	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.08	0.239	0.273
	LTE Band 12	--	QPSK10M	Front Face	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.06	0.101	0.118
	LTE Band 12	--	QPSK10M	Rear Face	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.03	0.193	0.225
41	LTE Band 13	--	QPSK10M	Front Face	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	0.02	0.13	0.145
	LTE Band 13	--	QPSK10M	Rear Face	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.15	0.226	0.252
	LTE Band 13	--	QPSK10M	Front Face	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.101	0.111
	LTE Band 13	--	QPSK10M	Rear Face	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.181	0.199
42	LTE Band 14	--	QPSK10M	Front Face	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	0.05	0.109	0.119
	LTE Band 14	--	QPSK10M	Rear Face	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.09	0.162	0.177
	LTE Band 14	--	QPSK10M	Front Face	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.02	0.087	0.096
	LTE Band 14	--	QPSK10M	Rear Face	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.04	0.123	0.135
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.01	0.265	0.268
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.09	0.867	0.877
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	0.02	0.208	0.223

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.09	0.702	0.752
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26140	1	0	0	DSI-0	--	23.5	22.93	1.14	-0.08	0.875	0.998
43	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	1	0	0	DSI-0	--	23.5	22.96	1.13	-0.07	0.902	1.021
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	100	0	0	DSI-0	--	22.5	22.96	0.90	-0.09	0.75	0.675
*	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	1	0	0	DSI-0	--	23.5	22.96	1.13	0.05	0.884	1.001
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.06	0.141	0.163
43-1	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.01	0.462	0.535
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.15	0.108	0.118
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.06	0.364	0.399
	LTE Band 26 (5)	--	QPSK15M	Front Face	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.05	0.161	0.184
44	LTE Band 26 (5)	--	QPSK15M	Rear Face	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.01	0.292	0.334
	LTE Band 26 (5)	--	QPSK15M	Front Face	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.08	0.126	0.149
	LTE Band 26 (5)	--	QPSK15M	Rear Face	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	-0.01	0.25	0.296
	LTE Band 41 (38)	--	QPSK20M	Front Face	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.04	0.403	0.461
45	LTE Band 41 (38)	--	QPSK20M	Rear Face	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.09	0.551	0.630
	LTE Band 41 (38)	--	QPSK20M	Front Face	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.06	0.331	0.378
	LTE Band 41 (38)	--	QPSK20M	Rear Face	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.06	0.448	0.512
	LTE Band 48	--	QPSK20M	Front Face	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.02	0.161	0.174
46	LTE Band 48	--	QPSK20M	Rear Face	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	0.00	0.462	0.500
	LTE Band 48	--	QPSK20M	Front Face	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.02	0.129	0.142
	LTE Band 48	--	QPSK20M	Rear Face	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	-0.09	0.375	0.413
	LTE Band 66 (4)	--	QPSK20M	Front Face	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.02	0.286	0.317
47	LTE Band 66 (4)	--	QPSK20M	Rear Face	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	0.09	0.623	0.691
	LTE Band 66 (4)	--	QPSK20M	Front Face	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.03	0.232	0.273
	LTE Band 66 (4)	--	QPSK20M	Rear Face	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	-0.02	0.505	0.595
	LTE Band 71	--	QPSK20M	Front Face	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.08	0.134	0.143
48	LTE Band 71	--	QPSK20M	Rear Face	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.07	0.255	0.271
	LTE Band 71	--	QPSK20M	Front Face	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.06	0.108	0.117
	LTE Band 71	--	QPSK20M	Rear Face	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.08	0.206	0.223
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Front Face	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.02	0.518	0.593
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Rear Face	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	-0.06	0.598	0.685
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Front Face	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.03	0.512	0.580
49	5G NR n7	15	DFT-s-OFDM_QPSK20M	Rear Face	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	-0.11	0.609	0.690
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Front Face	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.05	0.127	0.134
50	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Rear Face	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	0.13	0.241	0.254

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Front Face	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	-0.09	0.101	0.107
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Rear Face	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	-0.09	0.176	0.187
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Front Face	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.04	0.117	0.125
51	5G NR n13	15	DFT-s-OFDM_QPSK10M	Rear Face	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.11	0.204	0.217
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Front Face	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.04	0.108	0.121
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Rear Face	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.01	0.188	0.210
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Front Face	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	-0.02	0.108	0.111
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Rear Face	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	-0.04	0.16	0.165
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Front Face	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.06	0.109	0.121
52	5G NR n14	15	DFT-s-OFDM_QPSK10M	Rear Face	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.01	0.162	0.180
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.02	0.222	0.257
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	-0.09	0.725	0.840
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.06	0.279	0.315
53	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.00	0.912	1.030
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	372000	1	Right	0	DSI-0	--	23.0	22.32	1.17	0.08	0.701	0.820
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	376500	1	Right	0	DSI-0	--	23.0	22.25	1.19	0.04	0.715	0.850
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	372000	Innter_Full	Mid	0	DSI-0	--	23.0	22.40	1.15	0.02	0.876	1.006
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	376500	Innter_Full	Mid	0	DSI-0	--	23.0	22.35	1.16	0.09	0.885	1.028
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Full	Left	0	DSI-0	--	23.0	22.41	1.15	0.12	0.733	0.840
*	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.06	0.901	1.018
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.08	0.137	0.158
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.01	0.446	0.514
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.06	0.142	0.161
53-1	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.12	0.463	0.524
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Front Face	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.02	0.107	0.124
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Rear Face	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	-0.11	0.212	0.246
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Front Face	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.05	0.124	0.146
54	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Rear Face	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	-0.03	0.245	0.288
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.06	0.86	0.924
55	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.05	1.1	1.181
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	-0.03	0.79	0.911
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.04	0.99	1.142
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	1	Right	0	DSI-0	--	24.0	23.39	1.15	0.06	0.833	0.959
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	528000	1	Right	0	DSI-0	--	24.0	23.26	1.19	0.08	0.812	0.963
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	1	Right	0	DSI-0	--	24.0	23.39	1.15	0.01	1.01	1.162

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	528000	1	Right	0	DSI-0	--	24.0	23.26	1.19	-0.11	0.983	1.166
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	Innter_Full	Mid	0	DSI-0	--	24.0	23.13	1.22	0.05	0.774	0.946
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	528000	Innter_Full	Mid	0	DSI-0	--	24.0	23.21	1.20	0.06	0.755	0.906
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	Innter_Full	Mid	0	DSI-0	--	24.0	23.13	1.22	-0.12	0.939	1.147
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	528000	Innter_Full	Mid	0	DSI-0	--	24.0	23.21	1.20	0.06	0.914	1.096
*	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.05	1.07	1.149
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.06	0.404	0.435
55-1	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.17	0.517	0.557
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.01	0.372	0.424
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.05	0.466	0.531
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Front Face	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	0.08	0.32	0.351
56	5G NR n48	30	DFT-s-OFDM_QPSK40M	Rear Face	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	0.01	0.664	0.728
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Front Face	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	0.01	0.33	0.365
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Rear Face	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.09	0.652	0.722
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Front Face	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.09	0.267	0.295
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Rear Face	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	-0.01	0.582	0.643
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Front Face	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.05	0.342	0.359
57	5G NR n66	15	DFT-s-OFDM_QPSK20M	Rear Face	354000	Innter_Full	Mid	0	DSI-0	--	23.0	22.79	1.05	-0.04	0.745	0.782
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Front Face	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.05	0.099	0.114
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Rear Face	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.03	0.189	0.217
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Front Face	134600	Innter_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.11	0.098	0.117
58	5G NR n71	15	DFT-s-OFDM_QPSK20M	Rear Face	134600	Innter_Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.03	0.192	0.229
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.06	0.12	0.128
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.06	0.311	0.331
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	Innter_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	-0.06	0.245	0.261
59	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	Innter_Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.17	0.724	0.772
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.05	0.059	0.070
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.01	0.155	0.183
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.04	0.122	0.141
59-1	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.13	0.36	0.415
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	-0.08	0.175	0.185
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	-0.06	0.445	0.471
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.04	0.275	0.299
60	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.05	0.687	0.746
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	-0.06	0.083	0.097

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0.07	0.209	0.245
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.06	0.129	0.155
60-2	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	-0.1	0.324	0.390
	2.4GHz	--	802.11b	Front Face	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.03	0.035	0.039
	2.4GHz	--	802.11b	Rear Face	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.14	0.089	0.099
	2.4GHz	--	802.11b	Front Face	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	-0.07	0.19	0.205
61	2.4GHz	--	802.11b	Rear Face	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	-0.08	0.231	0.250
	2.4GHz	--	802.11n-HT40	Front Face	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	-0.09	0.07	0.074
	2.4GHz	--	802.11n-HT40	Rear Face	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	0.01	0.085	0.090
	U-NII-1	--	802.11a	Front Face	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.02	0.06	0.065
62	U-NII-1	--	802.11a	Rear Face	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.00	0.229	0.247
	U-NII-1	--	802.11a	Front Face	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	0.00	0.016	0.018
	U-NII-1	--	802.11a	Rear Face	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.04	0.082	0.093
	U-NII-1	--	802.11n-HT20	Front Face	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	-0.06	0.036	0.038
	U-NII-1	--	802.11n-HT20	Rear Face	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.08	0.136	0.144
	U-NII-2A	--	802.11a	Front Face	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.00	0.023	0.025
63	U-NII-2A	--	802.11a	Rear Face	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.00	0.151	0.166
	U-NII-2A	--	802.11a	Front Face	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.00	0.00854	0.009
	U-NII-2A	--	802.11a	Rear Face	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.00	0.121	0.133
	U-NII-2A	--	802.11n-HT20	Front Face	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	-0.06	0.012	0.013
	U-NII-2A	--	802.11n-HT20	Rear Face	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.08	0.08	0.087
	U-NII-2C	--	802.11a	Front Face	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.00	0.034	0.038
	U-NII-2C	--	802.11a	Rear Face	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.00	0.088	0.099
	U-NII-2C	--	802.11a	Front Face	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.00	0.012	0.013
64	U-NII-2C	--	802.11a	Rear Face	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.00	0.2	0.215
	U-NII-2C	--	802.11n-HT20	Front Face	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.06	0.00339	0.004
	U-NII-2C	--	802.11n-HT20	Rear Face	120	--	--	5+6	DSI-0	99.53%	13.0	12.40	1.15	0.01	0.057	0.065
	U-NII-3	--	802.11a	Front Face	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.02	0.081	0.088
65	U-NII-3	--	802.11a	Rear Face	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.00	0.197	0.214
	U-NII-3	--	802.11a	Front Face	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11a	Rear Face	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	0.024	0.026
	U-NII-3	--	802.11n-HT20	Front Face	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.08	0.041	0.045
	U-NII-3	--	802.11n-HT20	Rear Face	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.01	0.1	0.110
	2.4GHz	--	Bluetooth_DH5	Front Face	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.00	<0.01	<0.01
66	2.4GHz	--	Bluetooth_DH5	Rear Face	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	-0.02	0.00455	0.005

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
66-1	2.4GHz	--	Bluetooth 2 nd BLE	Front Face	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.06	0.00456	0.005
	2.4GHz	--	Bluetooth 2 nd BLE	Rear Face	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	-0.11	0.00168	0.002
	902-928MHz	--	RFID	Front Face	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	0.06	0.224	0.257
67	902-928MHz	--	RFID	Rear Face	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.01	0.317	0.364

Note: 1). "*" indicates that the data is repeated. 2). Scaled SAR-1g (W/kg) = (Measured SAR-1g (W/kg) x Scaling Factor) / Duty Cycle.

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4.5.4. SAR Results for Hotspot Exposure Condition (Separation Distance is 1.0 cm)

Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
34	GSM850	--	GPRS12	Front Face	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.00	0.056	0.064
	GSM850	--	GPRS12	Rear Face	128	--	--	0	DSI-0	--	30.0	29.45	1.14	-0.03	0.142	0.161
	GSM850	--	GPRS12	Left Side	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.05	0.063	0.072
	GSM850	--	GPRS12	Right Side	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.08	0.124	0.141
	GSM850	--	GPRS12	Top Side	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.02	0.008	0.009
	GSM850	--	GPRS12	Bottom Side	128	--	--	0	DSI-0	--	30.0	29.45	1.14	0.00	0.072	0.082
35	GSM1900	--	GPRS11	Front Face	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.05	0.066	0.078
	GSM1900	--	GPRS11	Rear Face	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.04	0.254	0.300
	GSM1900	--	GPRS11	Left Side	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.08	0.052	0.061
	GSM1900	--	GPRS11	Right Side	512	--	--	0	DSI-0	--	30.0	29.28	1.18	0.08	0.01	0.012
	GSM1900	--	GPRS11	Top Side	128	--	--	0	DSI-0	--	30.0	29.28	1.18	0.04	0.003	0.004
	GSM1900	--	GPRS11	Bottom Side	512	--	--	0	DSI-0	--	30.0	29.28	1.18	-0.09	0.201	0.237
36	WCDMA Band II	--	RMC12.2K	Front Face	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.05	0.236	0.259
	WCDMA Band II	--	RMC12.2K	Rear Face	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.411	0.452
	WCDMA Band II	--	RMC12.2K	Left Side	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	-0.05	0.214	0.235
	WCDMA Band II	--	RMC12.2K	Right Side	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	0.01	0.04	0.044
	WCDMA Band II	--	RMC12.2K	Bottom Side	9538	--	--	0	DSI-0	--	22.5	22.09	1.10	-0.02	0.406	0.446
	WCDMA Band IV	--	RMC12.2K	Front Face	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.05	0.122	0.131
37	WCDMA Band IV	--	RMC12.2K	Rear Face	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.06	0.271	0.290
	WCDMA Band IV	--	RMC12.2K	Left Side	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	-0.04	0.205	0.220
	WCDMA Band IV	--	RMC12.2K	Right Side	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	0.02	0.025	0.027
	WCDMA Band IV	--	RMC12.2K	Bottom Side	1513	--	--	0	DSI-0	--	22.5	22.20	1.07	-0.12	0.189	0.203
	WCDMA Band V	--	RMC12.2K	Front Face	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	-0.11	0.081	0.093
	WCDMA Band V	--	RMC12.2K	Rear Face	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.00	0.212	0.242
38	WCDMA Band V	--	RMC12.2K	Left Side	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.07	0.057	0.065
	WCDMA Band V	--	RMC12.2K	Right Side	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.12	0.13	0.149
	WCDMA Band V	--	RMC12.2K	Bottom Side	4132	--	--	0	DSI-0	--	24.5	23.92	1.14	0.12	0.108	0.123
	LTE Band 7	--	QPSK20M	Front Face	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.08	0.579	0.638
	LTE Band 7	--	QPSK20M	Rear Face	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	0.07	0.706	0.778
	LTE Band 7	--	QPSK20M	Left Side	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.05	0.499	0.550
39	LTE Band 7	--	QPSK20M	Right Side	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.07	0.043	0.047
	LTE Band 7	--	QPSK20M	Bottom Side	21350	1	0	0	DSI-0	--	23.0	22.58	1.10	-0.12	0.665	0.733
	LTE Band 7	--	QPSK20M	Front Face	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.06	0.467	0.544
	LTE Band 7	--	QPSK20M	Rear Face	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.03	0.569	0.662
	LTE Band 7	--	QPSK20M	Left Side	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.06	0.467	0.544
	LTE Band 7	--	QPSK20M	Right Side	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.06	0.467	0.544

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 7	--	QPSK20M	Left Side	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.09	0.405	0.471
	LTE Band 7	--	QPSK20M	Right Side	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	-0.16	0.039	0.045
	LTE Band 7	--	QPSK20M	Bottom Side	21350	50	25	0	DSI-0	--	22.0	21.34	1.16	0.00	0.539	0.627
39-1	LTE Band 7	--	QPSK20M	Front Face	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.06	0.291	0.326
	LTE Band 7	--	QPSK20M	Rear Face	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.04	0.355	0.397
	LTE Band 7	--	QPSK20M	Left Side	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	-0.04	0.251	0.281
	LTE Band 7	--	QPSK20M	Right Side	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	0.01	0.022	0.025
	LTE Band 7	--	QPSK20M	Bottom Side	21350	1	0	0	DSI-1	--	20.0	19.51	1.12	0.12	0.34	0.381
	LTE Band 7	--	QPSK20M	Front Face	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.06	0.238	0.282
	LTE Band 7	--	QPSK20M	Rear Face	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.15	0.289	0.343
	LTE Band 7	--	QPSK20M	Left Side	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.08	0.206	0.244
	LTE Band 7	--	QPSK20M	Right Side	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.04	0.02	0.024
	LTE Band 7	--	QPSK20M	Bottom Side	21350	50	25	0	DSI-1	--	19.0	18.26	1.19	0.06	0.276	0.327
40	LTE Band 12	--	QPSK10M	Front Face	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.04	0.126	0.144
	LTE Band 12	--	QPSK10M	Rear Face	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.08	0.239	0.273
	LTE Band 12	--	QPSK10M	Left Side	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.14	0.182	0.208
	LTE Band 12	--	QPSK10M	Right Side	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.03	0.168	0.192
	LTE Band 12	--	QPSK10M	Bottom Side	23095	1	49	0	DSI-0	--	23.5	22.92	1.14	-0.07	0.028	0.032
	LTE Band 12	--	QPSK10M	Front Face	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.06	0.101	0.118
	LTE Band 12	--	QPSK10M	Rear Face	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.03	0.193	0.225
	LTE Band 12	--	QPSK10M	Left Side	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.01	0.147	0.172
	LTE Band 12	--	QPSK10M	Right Side	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.09	0.137	0.160
	LTE Band 12	--	QPSK10M	Bottom Side	23095	25	0	0	DSI-0	--	22.5	21.83	1.17	-0.09	0.023	0.027
41	LTE Band 13	--	QPSK10M	Front Face	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	0.02	0.13	0.145
	LTE Band 13	--	QPSK10M	Rear Face	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.15	0.226	0.252
	LTE Band 13	--	QPSK10M	Left Side	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.05	0.106	0.118
	LTE Band 13	--	QPSK10M	Right Side	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	-0.09	0.081	0.090
	LTE Band 13	--	QPSK10M	Bottom Side	23230	1	0	0	DSI-0	--	23.5	23.03	1.11	0.12	0.068	0.076
	LTE Band 13	--	QPSK10M	Front Face	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.101	0.111
	LTE Band 13	--	QPSK10M	Rear Face	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.09	0.181	0.199
	LTE Band 13	--	QPSK10M	Left Side	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.11	0.079	0.087
	LTE Band 13	--	QPSK10M	Right Side	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	-0.16	0.062	0.068
	LTE Band 13	--	QPSK10M	Bottom Side	23230	25	12	0	DSI-0	--	22.5	22.09	1.10	0.08	0.054	0.059
42	LTE Band 14	--	QPSK10M	Front Face	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	0.05	0.109	0.119
	LTE Band 14	--	QPSK10M	Rear Face	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.09	0.162	0.177

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 14	--	QPSK10M	Left Side	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	0.04	0.072	0.079
	LTE Band 14	--	QPSK10M	Right Side	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.08	0.055	0.060
	LTE Band 14	--	QPSK10M	Bottom Side	23330	1	0	0	DSI-0	--	23.5	23.12	1.09	-0.09	0.07	0.076
	LTE Band 14	--	QPSK10M	Front Face	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.02	0.087	0.096
	LTE Band 14	--	QPSK10M	Rear Face	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.04	0.123	0.135
	LTE Band 14	--	QPSK10M	Left Side	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.08	0.053	0.058
	LTE Band 14	--	QPSK10M	Right Side	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.12	0.042	0.046
	LTE Band 14	--	QPSK10M	Bottom Side	23330	25	12	0	DSI-0	--	22.5	22.08	1.10	0.01	0.056	0.062
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.01	0.265	0.268
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.09	0.867	0.877
	LTE Band 25 (2)	--	QPSK20M	Left Side	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	0.05	0.429	0.434
	LTE Band 25 (2)	--	QPSK20M	Right Side	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	0.02	0.046	0.047
	LTE Band 25 (2)	--	QPSK20M	Bottom Side	26590	1	0	0	DSI-0	--	23.5	23.45	1.01	-0.04	0.537	0.543
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	0.02	0.208	0.223
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.09	0.702	0.752
	LTE Band 25 (2)	--	QPSK20M	Left Side	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	-0.08	0.347	0.372
	LTE Band 25 (2)	--	QPSK20M	Right Side	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	0.02	0.037	0.040
	LTE Band 25 (2)	--	QPSK20M	Bottom Side	26590	50	25	0	DSI-0	--	22.5	22.20	1.07	0.06	0.432	0.463
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26140	1	0	0	DSI-0	--	23.5	22.93	1.14	-0.08	0.875	0.998
43	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	1	0	0	DSI-0	--	23.5	22.96	1.13	-0.07	0.902	1.021
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	100	0	0	DSI-0	--	22.5	22.96	0.90	-0.09	0.75	0.675
*	LTE Band 25 (2)	--	QPSK20M	Rear Face	26365	1	0	0	DSI-0	--	23.5	22.96	1.13	0.05	0.884	1.001
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.06	0.141	0.163
43-1	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	-0.01	0.462	0.535
	LTE Band 25 (2)	--	QPSK20M	Left Side	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	0.04	0.229	0.265
	LTE Band 25 (2)	--	QPSK20M	Right Side	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	0.02	0.024	0.028
	LTE Band 25 (2)	--	QPSK20M	Bottom Side	26590	1	0	0	DSI-1	--	21.0	20.36	1.16	0.01	0.28	0.324
	LTE Band 25 (2)	--	QPSK20M	Front Face	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.15	0.108	0.118
	LTE Band 25 (2)	--	QPSK20M	Rear Face	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.06	0.364	0.399
	LTE Band 25 (2)	--	QPSK20M	Left Side	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.11	0.179	0.196
	LTE Band 25 (2)	--	QPSK20M	Right Side	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.06	0.019	0.021
	LTE Band 25 (2)	--	QPSK20M	Bottom Side	26590	50	25	0	DSI-1	--	19.5	19.10	1.10	0.08	0.222	0.243
	LTE Band 26 (5)	--	QPSK15M	Front Face	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.05	0.161	0.184
44	LTE Band 26 (5)	--	QPSK15M	Rear Face	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.01	0.292	0.334
	LTE Band 26 (5)	--	QPSK15M	Left Side	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	0.08	0.156	0.178

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE Band 26 (5)	--	QPSK15M	Right Side	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	0.08	0.207	0.237
	LTE Band 26 (5)	--	QPSK15M	Bottom Side	26965	1	0	0	DSI-0	--	24.0	23.42	1.14	-0.01	0.098	0.112
	LTE Band 26 (5)	--	QPSK15M	Front Face	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.08	0.126	0.149
	LTE Band 26 (5)	--	QPSK15M	Rear Face	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	-0.01	0.25	0.296
	LTE Band 26 (5)	--	QPSK15M	Left Side	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.06	0.122	0.144
	LTE Band 26 (5)	--	QPSK15M	Right Side	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.08	0.162	0.192
	LTE Band 26 (5)	--	QPSK15M	Bottom Side	26965	38	18	0	DSI-0	--	23.0	22.27	1.18	0.01	0.072	0.085
	LTE Band 41 (38)	--	QPSK20M	Front Face	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.04	0.403	0.461
45	LTE Band 41 (38)	--	QPSK20M	Rear Face	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.09	0.551	0.630
	LTE Band 41 (38)	--	QPSK20M	Left Side	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.17	0.38	0.434
	LTE Band 41 (38)	--	QPSK20M	Right Side	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.07	0.044	0.050
	LTE Band 41 (38)	--	QPSK20M	Top Side	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.04	0.004	0.005
	LTE Band 41 (38)	--	QPSK20M	Bottom Side	40185	1	99	0	DSI-0	--	24.5	23.92	1.14	-0.10	0.475	0.543
	LTE Band 41 (38)	--	QPSK20M	Front Face	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.06	0.331	0.378
	LTE Band 41 (38)	--	QPSK20M	Rear Face	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.06	0.448	0.512
	LTE Band 41 (38)	--	QPSK20M	Left Side	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.01	0.31	0.354
	LTE Band 41 (38)	--	QPSK20M	Right Side	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.07	0.033	0.038
	LTE Band 41 (38)	--	QPSK20M	Top Side	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	-0.03	0.003	0.004
	LTE Band 41 (38)	--	QPSK20M	Bottom Side	40185	50	50	0	DSI-0	--	23.5	22.92	1.14	0.02	0.381	0.435
	LTE Band 48	--	QPSK20M	Bottom Side	40185	50	50	0	DSI-0	--	23.0	22.66	1.08	-0.02	0.161	0.174
46	LTE Band 48	--	QPSK20M	Front Face	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	0.00	0.462	0.500
	LTE Band 48	--	QPSK20M	Rear Face	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.04	0.014	0.015
	LTE Band 48	--	QPSK20M	Left Side	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.10	0.433	0.468
	LTE Band 48	--	QPSK20M	Right Side	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.07	0.002	0.002
	LTE Band 48	--	QPSK20M	Top Side	56640	1	49	0	DSI-0	--	23.0	22.66	1.08	-0.10	0.121	0.131
	LTE Band 48	--	QPSK20M	Bottom Side	56640	1	49	0	DSI-0	--	22.0	21.58	1.10	0.02	0.129	0.142
	LTE Band 48	--	QPSK20M	Front Face	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	-0.09	0.375	0.413
	LTE Band 48	--	QPSK20M	Rear Face	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	-0.05	0.007	0.008
	LTE Band 48	--	QPSK20M	Left Side	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	0.02	0.346	0.381
	LTE Band 48	--	QPSK20M	Right Side	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	-0.04	0.002	0.002
	LTE Band 48	--	QPSK20M	Top Side	56640	50	0	0	DSI-0	--	22.0	21.58	1.10	-0.06	0.097	0.107
	LTE Band 66 (4)	--	QPSK20M	Front Face	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.02	0.286	0.317
47	LTE Band 66 (4)	--	QPSK20M	Rear Face	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	0.09	0.623	0.691
	LTE Band 66 (4)	--	QPSK20M	Left Side	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.01	0.472	0.524
	LTE Band 66 (4)	--	QPSK20M	Right Side	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.09	0.058	0.064

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	LTE Band 66 (4)	--	QPSK20M	Bottom Side	132572	1	0	0	DSI-0	--	23.5	23.05	1.11	-0.16	0.594	0.659
	LTE Band 66 (4)	--	QPSK20M	Front Face	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.03	0.232	0.273
	LTE Band 66 (4)	--	QPSK20M	Rear Face	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	-0.02	0.505	0.595
	LTE Band 66 (4)	--	QPSK20M	Left Side	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.05	0.382	0.450
	LTE Band 66 (4)	--	QPSK20M	Right Side	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	0.04	0.047	0.055
	LTE Band 66 (4)	--	QPSK20M	Bottom Side	132572	50	0	0	DSI-0	--	22.5	21.79	1.18	-0.08	0.481	0.566
	LTE Band 71	--	QPSK20M	Front Face	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.08	0.134	0.143
48	LTE Band 71	--	QPSK20M	Rear Face	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	-0.07	0.255	0.271
	LTE Band 71	--	QPSK20M	Left Side	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	0.02	0.194	0.206
	LTE Band 71	--	QPSK20M	Right Side	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	0.01	0.179	0.190
	LTE Band 71	--	QPSK20M	Bottom Side	133322	1	0	0	DSI-0	--	23.0	22.73	1.06	0.08	0.03	0.032
	LTE Band 71	--	QPSK20M	Front Face	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.06	0.108	0.117
	LTE Band 71	--	QPSK20M	Rear Face	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.08	0.206	0.223
	LTE Band 71	--	QPSK20M	Left Side	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.01	0.157	0.170
	LTE Band 71	--	QPSK20M	Right Side	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.06	0.146	0.158
	LTE Band 71	--	QPSK20M	Bottom Side	133222	50	25	0	DSI-0	--	22.0	21.65	1.08	0.11	0.025	0.027
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Front Face	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.02	0.518	0.593
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Rear Face	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	-0.06	0.598	0.685
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Side	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.06	0.435	0.498
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Side	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.07	0.041	0.047
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Bottom Side	512000	1	Right	0	DSI-0	--	23.0	22.41	1.15	0.05	0.583	0.668
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Front Face	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.03	0.512	0.580
49	5G NR n7	15	DFT-s-OFDM_QPSK20M	Rear Face	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	-0.11	0.609	0.690
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Left Side	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	-0.05	0.441	0.499
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Right Side	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.04	0.038	0.043
	5G NR n7	15	DFT-s-OFDM_QPSK20M	Bottom Side	512000	Innter_Full	Mid	0	DSI-0	--	23.0	22.46	1.13	0.02	0.588	0.666
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Front Face	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.05	0.127	0.134
50	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Rear Face	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	0.13	0.241	0.254
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Side	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	0.04	0.183	0.193
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Side	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	-0.05	0.169	0.178
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Bottom Side	141300	1	Left	0	DSI-0	--	23.0	22.78	1.05	0.02	0.028	0.029
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Front Face	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	-0.09	0.101	0.107
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Rear Face	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	-0.09	0.176	0.187
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Left Side	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.04	0.134	0.143
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Right Side	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	-0.11	0.124	0.132

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n12 (17)	15	DFT-s-OFDM_QPSK15M	Bottom Side	141300	Innter_Full	Mid	0	DSI-0	--	23.0	22.73	1.06	0.05	0.021	0.022
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Front Face	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.04	0.117	0.125
51	5G NR n13	15	DFT-s-OFDM_QPSK10M	Rear Face	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.11	0.204	0.217
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Side	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	-0.01	0.096	0.102
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Side	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	0.15	0.073	0.078
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Bottom Side	156400	1	Left	0	DSI-0	--	23.5	23.23	1.06	0.06	0.061	0.065
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Front Face	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.04	0.108	0.121
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Rear Face	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.01	0.188	0.210
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Left Side	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.09	0.088	0.099
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Right Side	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.08	0.067	0.075
	5G NR n13	15	DFT-s-OFDM_QPSK10M	Bottom Side	156400	Innter_Full	Mid	0	DSI-0	--	23.5	23.01	1.12	0.02	0.056	0.063
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Front Face	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	-0.02	0.108	0.111
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Rear Face	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	-0.04	0.16	0.165
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Side	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.04	0.071	0.073
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Side	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.05	0.054	0.056
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Bottom Side	158600	1	Left	0	DSI-0	--	23.5	23.37	1.03	0.11	0.069	0.071
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Front Face	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.06	0.109	0.121
52	5G NR n14	15	DFT-s-OFDM_QPSK10M	Rear Face	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.01	0.162	0.180
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Left Side	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.05	0.072	0.080
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Right Side	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.13	0.055	0.061
	5G NR n14	15	DFT-s-OFDM_QPSK10M	Bottom Side	158600	Innter_Full	Mid	0	DSI-0	--	23.5	23.05	1.11	0.02	0.07	0.078
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.02	0.222	0.257
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	-0.09	0.725	0.840
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Side	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.04	0.358	0.415
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Side	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.05	0.038	0.044
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Bottom Side	381000	1	Right	0	DSI-0	--	23.0	22.36	1.16	0.12	0.444	0.514
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.06	0.279	0.315
53	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.00	0.912	1.030
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Side	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.09	0.451	0.510
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Side	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.02	0.048	0.054
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Bottom Side	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.10	0.561	0.634
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	372000	1	Right	0	DSI-0	--	23.0	22.32	1.17	0.08	0.701	0.820
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	376500	1	Right	0	DSI-0	--	23.0	22.25	1.19	0.04	0.715	0.850
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	372000	Innter_Full	Mid	0	DSI-0	--	23.0	22.40	1.15	0.02	0.876	1.006
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	376500	Innter_Full	Mid	0	DSI-0	--	23.0	22.35	1.16	0.09	0.885	1.028

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Full	Left	0	DSI-0	--	23.0	22.41	1.15	0.12	0.733	0.840
*	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-0	--	23.0	22.47	1.13	0.06	0.901	1.018
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.08	0.137	0.158
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.01	0.446	0.514
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Side	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.06	0.221	0.255
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Side	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	0.05	0.023	0.027
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Bottom Side	381000	1	Right	0	DSI-1	--	20.0	19.38	1.15	-0.06	0.271	0.313
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Front Face	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.06	0.142	0.161
53-1	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Rear Face	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	-0.12	0.463	0.524
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Left Side	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	0.04	0.229	0.259
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Right Side	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	0.09	0.024	0.027
	5G NR n25 (2)	15	DFT-s-OFDM_QPSK20M	Bottom Side	381000	Innter_Full	Mid	0	DSI-1	--	20.0	19.46	1.13	0.05	0.281	0.318
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Front Face	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.02	0.107	0.124
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Rear Face	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	-0.11	0.212	0.246
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Side	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.01	0.104	0.121
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Side	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	-0.06	0.138	0.160
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Bottom Side	166800	1	Left	0	DSI-0	--	23.5	22.86	1.16	0.04	0.065	0.075
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Front Face	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.05	0.124	0.146
54	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Rear Face	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	-0.03	0.245	0.288
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Left Side	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.06	0.12	0.141
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Right Side	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.08	0.159	0.187
	5G NR n26 (5)	15	DFT-s-OFDM_QPSK20M	Bottom Side	166800	Innter_Full	Mid	0	DSI-0	--	23.5	22.80	1.17	0.06	0.075	0.088
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.06	0.86	0.924
55	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.05	1.1	1.181
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Side	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.04	0.739	0.794
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Side	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.02	0.07	0.075
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Top Side	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.02	0.005	0.006
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	0.08	0.995	1.069
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	-0.03	0.79	0.911
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.04	0.99	1.142
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Side	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.02	0.688	0.794
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Side	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.09	0.065	0.075
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Top Side	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.09	0.005	0.005
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	518598	Innter_Full	Mid	0	DSI-0	--	24.0	23.38	1.15	0.04	0.925	1.067
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	1	Right	0	DSI-0	--	24.0	23.39	1.15	0.06	0.833	0.959

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	528000	1	Right	0	DSI-0	--	24.0	23.26	1.19	0.08	0.812	0.963
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	1	Right	0	DSI-0	--	24.0	23.39	1.15	0.01	1.01	1.162
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	528000	1	Right	0	DSI-0	--	24.0	23.26	1.19	-0.11	0.983	1.166
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	518598	1	Right	0	DSI-0	--	24.0	23.39	1.15	0.05	1.02	1.174
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	528000	1	Right	0	DSI-0	--	24.0	23.26	1.19	-0.1	0.964	1.143
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	Innter_Full	Mid	0	DSI-0	--	24.0	23.13	1.22	0.05	0.774	0.946
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	528000	Innter_Full	Mid	0	DSI-0	--	24.0	23.21	1.20	0.06	0.755	0.906
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	Innter_Full	Mid	0	DSI-0	--	24.0	23.13	1.22	-0.12	0.939	1.147
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	528000	Innter_Full	Mid	0	DSI-0	--	24.0	23.21	1.20	0.06	0.914	1.096
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	509202	Innter_Full	Mid	0	DSI-0	--	24.0	23.13	1.22	0.08	0.948	1.158
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	528000	Innter_Full	Mid	0	DSI-0	--	24.0	23.21	1.20	0	0.896	1.075
*	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-0	--	24.0	23.69	1.07	-0.05	1.07	1.149
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.06	0.404	0.435
55-1	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.17	0.517	0.557
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Side	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	0.04	0.347	0.374
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Side	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	0.08	0.033	0.036
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	509202	1	Right	0	DSI-1	--	21.0	20.68	1.08	-0.09	0.469	0.505
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Front Face	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.01	0.372	0.424
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Rear Face	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.05	0.466	0.531
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Left Side	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.14	0.324	0.369
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Right Side	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.08	0.031	0.035
	5G NR n41 (38)	30	DFT-s-OFDM_QPSK100M	Bottom Side	518598	Innter_Full	Mid	0	DSI-1	--	21.0	20.43	1.14	0.03	0.441	0.503
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Front Face	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	0.08	0.320	0.351
56	5G NR n48	30	DFT-s-OFDM_QPSK40M	Rear Face	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	0.01	0.664	0.728
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Side	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	0.04	0.024	0.026
56-1	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Side	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	-0.09	0.723	0.793
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Top Side	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	-0.09	0.003	0.003
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Bottom Side	638000	1	Left	1	DSI-0	--	22.5	22.10	1.10	-0.06	0.195	0.214
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Front Face	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	0.01	0.330	0.365
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Rear Face	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.09	0.652	0.722
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Left Side	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.05	0.021	0.023
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Right Side	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.04	0.711	0.787
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Top Side	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.04	0.003	0.003
	5G NR n48	30	DFT-s-OFDM_QPSK40M	Bottom Side	638000	Innter_Full	Mid	1	DSI-0	--	22.5	22.06	1.11	-0.06	0.200	0.221
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Front Face	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.09	0.267	0.295

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Rear Face	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	-0.01	0.582	0.643
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Side	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	-0.05	0.441	0.487
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Side	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.12	0.054	0.060
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Bottom Side	354000	1	Right	0	DSI-0	--	23.0	22.57	1.10	0.04	0.553	0.611
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Front Face	354000	Innter Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.05	0.342	0.359
57	5G NR n66	15	DFT-s-OFDM_QPSK20M	Rear Face	354000	Innter Full	Mid	0	DSI-0	--	23.0	22.79	1.05	-0.04	0.745	0.782
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Left Side	354000	Innter Full	Mid	0	DSI-0	--	23.0	22.79	1.05	-0.06	0.565	0.593
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Right Side	354000	Innter Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.04	0.069	0.072
	5G NR n66	15	DFT-s-OFDM_QPSK20M	Bottom Side	354000	Innter Full	Mid	0	DSI-0	--	23.0	22.79	1.05	0.06	0.706	0.741
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Front Face	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.05	0.099	0.114
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Rear Face	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.03	0.189	0.217
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Side	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	0.04	0.144	0.165
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Side	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	0.02	0.133	0.153
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Bottom Side	134600	1	Left	0	DSI-0	--	23.5	22.90	1.15	-0.09	0.022	0.025
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Front Face	134600	Innter Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.11	0.098	0.117
58	5G NR n71	15	DFT-s-OFDM_QPSK20M	Rear Face	134600	Innter Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.03	0.192	0.229
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Left Side	134600	Innter Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.08	0.142	0.170
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Right Side	134600	Innter Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.04	0.136	0.162
	5G NR n71	15	DFT-s-OFDM_QPSK20M	Bottom Side	134600	Innter Full	Mid	0	DSI-0	--	23.5	22.73	1.19	0.06	0.024	0.029
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.06	0.12	0.128
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.06	0.311	0.331
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Side	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	-0.03	0.018	0.019
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Side	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.08	0.308	0.328
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Top Side	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.04	0.002	0.002
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Bottom Side	633334	1	Right	1	DSI-0	--	22.5	22.23	1.06	0.01	0.065	0.069
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	-0.06	0.245	0.261
59	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.17	0.724	0.772
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Side	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.12	0.023	0.025
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Side	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.11	0.675	0.720
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Top Side	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.08	0.003	0.003
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Bottom Side	633334	Innter Full	Mid	1	DSI-0	--	22.5	22.22	1.07	0.03	0.131	0.140
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.05	0.059	0.070
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.01	0.155	0.183
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Side	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.04	0.009	0.011
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Side	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	-0.06	0.153	0.181

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Bottom Side	633334	1	Right	1	DSI-1	--	20.0	19.28	1.18	0.08	0.032	0.038
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Front Face	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.04	0.122	0.141
59-1	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Rear Face	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.13	0.36	0.415
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Left Side	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.05	0.01	0.012
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Right Side	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	-0.08	0.331	0.382
	5G NR n77(78)_A	30	DFT-s-OFDM_QPSK100M	Bottom Side	633334	Innter_Full	Mid	1	DSI-1	--	20.0	19.38	1.15	0.06	0.065	0.075
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	-0.08	0.175	0.185
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	-0.06	0.445	0.471
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Side	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	-0.04	0.021	0.022
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Side	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0.01	0.461	0.488
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Top Side	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0.02	0.002	0.002
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Bottom Side	650000	1	Right	1	DSI-0	--	22.5	22.25	1.06	0.09	0.195	0.207
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.04	0.275	0.299
60	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.05	0.687	0.746
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Side	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.03	0.026	0.028
60-1	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Side	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.08	0.719	0.781
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Top Side	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	0.02	0.003	0.003
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Bottom Side	650000	Innter_Full	Mid	1	DSI-0	--	22.5	22.14	1.09	-0.02	0.301	0.327
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	-0.06	0.083	0.097
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0.07	0.209	0.245
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Side	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	-0.01	0.013	0.015
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Side	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	0.01	0.217	0.254
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Bottom Side	650000	1	Right	1	DSI-1	--	20.0	19.31	1.17	-0.11	0.092	0.108
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Front Face	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.06	0.129	0.155
60-2	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Rear Face	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	-0.1	0.324	0.390
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Left Side	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.03	0.017	0.020
60-3	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Right Side	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.07	0.359	0.433
	5G NR n77(78)_C	30	DFT-s-OFDM_QPSK100M	Bottom Side	650000	Innter_Full	Mid	1	DSI-1	--	20.0	19.19	1.21	0.05	0.142	0.171
	2.4GHz	--	802.11b	Front Face	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.03	0.035	0.039
	2.4GHz	--	802.11b	Rear Face	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.14	0.089	0.099
	2.4GHz	--	802.11b	Left Side	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.03	0.102	0.113
	2.4GHz	--	802.11b	Right Side	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	-0.02	0.004	0.004
	2.4GHz	--	802.11b	Top Side	11	--	--	5	DSI-0	100.0%	16.0	15.55	1.11	0.02	0.049	0.054
	2.4GHz	--	802.11b	Front Face	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	-0.07	0.19	0.205
61	2.4GHz	--	802.11b	Rear Face	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	-0.08	0.231	0.250

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measure d SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	2.4GHz	--	802.11b	Left Side	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	0.01	<0.01	<0.01
	2.4GHz	--	802.11b	Right Side	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	0.00	0.127	0.137
61-1	2.4GHz	--	802.11b	Top Side	11	--	--	6	DSI-0	100.0%	16.0	15.66	1.08	-0.01	0.255	0.276
	2.4GHz	--	802.11n-HT40	Front Face	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	-0.09	0.07	0.074
	2.4GHz	--	802.11n-HT40	Rear Face	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	0.01	0.085	0.090
	2.4GHz	--	802.11n-HT40	Left Side	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	0.05	0.044	0.046
	2.4GHz	--	802.11n-HT40	Right Side	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	0.11	0.047	0.050
	2.4GHz	--	802.11n-HT40	Top Side	9	--	--	5+6	DSI-0	100.0%	13.0	12.76	1.06	0.06	0.094	0.099
	U-NII-1	--	802.11a	Front Face	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.02	0.06	0.065
62	U-NII-1	--	802.11a	Rear Face	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.00	0.229	0.247
62-1	U-NII-1	--	802.11a	Left Side	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	-0.09	0.335	0.361
	U-NII-1	--	802.11a	Right Side	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	0.04	0.007	0.008
	U-NII-1	--	802.11a	Top Side	48	--	--	5	DSI-0	99.06%	13.5	13.17	1.08	-0.03	0.186	0.201
	U-NII-1	--	802.11a	Front Face	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	0.00	0.016	0.018
	U-NII-1	--	802.11a	Left Side	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	0.01	<0.01	<0.01
	U-NII-1	--	802.11a	Rear Face	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.04	0.082	0.093
	U-NII-1	--	802.11a	Right Side	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	0.00	0.019	0.021
	U-NII-1	--	802.11a	Top Side	40	--	--	6	DSI-0	99.06%	13.5	12.97	1.13	-0.02	0.047	0.053
	U-NII-1	--	802.11n-HT20	Front Face	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	-0.06	0.036	0.038
	U-NII-1	--	802.11n-HT20	Rear Face	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.08	0.136	0.144
	U-NII-1	--	802.11n-HT20	Left Side	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.01	0.199	0.210
	U-NII-1	--	802.11n-HT20	Right Side	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	-0.09	0.00612	0.006
	U-NII-1	--	802.11n-HT20	Top Side	48	--	--	5+6	DSI-0	99.06%	13.0	12.76	1.06	0.05	0.111	0.117
	U-NII-3	--	802.11a	Front Face	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.02	0.081	0.088
65	U-NII-3	--	802.11a	Rear Face	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	0.00	0.197	0.214
65-1	U-NII-3	--	802.11a	Left Side	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	-0.07	0.203	0.220
	U-NII-3	--	802.11a	Right Side	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	-0.02	0.006	0.007
	U-NII-3	--	802.11a	Top Side	157	--	--	5	DSI-0	99.53%	13.5	13.15	1.08	-0.04	0.137	0.148
	U-NII-3	--	802.11a	Front Face	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	<0.01	<0.01
	U-NII-3	--	802.11a	Rear Face	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	0.024	0.026
	U-NII-3	--	802.11a	Left Side	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.03	<0.01	<0.01
	U-NII-3	--	802.11a	Right Side	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.02	0.022	0.024
	U-NII-3	--	802.11a	Top Side	165	--	--	6	DSI-0	99.53%	13.5	13.07	1.10	0.00	0.022	0.024
	U-NII-3	--	802.11n-HT20	Front Face	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.08	0.041	0.045
	U-NII-3	--	802.11n-HT20	Rear Face	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.01	0.1	0.110

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Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	U-NII-3	--	802.11n-HT20	Left Side	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.09	0.103	0.113
	U-NII-3	--	802.11n-HT20	Right Side	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.06	0.00842	0.009
	U-NII-3	--	802.11n-HT20	Top Side	165	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.08	0.069	0.076
	2.4GHz	--	Bluetooth_DH5	Front Face	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.00	<0.01	<0.01
66	2.4GHz	--	Bluetooth_DH5	Rear Face	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	-0.02	0.00455	0.005
	2.4GHz	--	Bluetooth_DH5	Left Side	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	-0.06	0.00471	0.005
	2.4GHz	--	Bluetooth_DH5	Right Side	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.01	<0.01	<0.01
	2.4GHz	--	Bluetooth_DH5	Top Side	78	--	--	5	DSI-0	77.33%	7.5	7.23	1.06	0.00	<0.01	<0.01
66-1	2.4GHz	--	Bluetooth_2 nd BLE	Front Face	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0.06	0.00456	0.005
	2.4GHz	--	Bluetooth_2 nd BLE	Rear Face	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	-0.11	0.00168	0.002
	2.4GHz	--	Bluetooth_2 nd BLE	Left Side	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0	<0.001	<0.001
	2.4GHz	--	Bluetooth_2 nd BLE	Right Side	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0	<0.001	<0.001
	2.4GHz	--	Bluetooth_2 nd BLE	Top Side	0	--	--	8	DSI-0	100%	2.0	1.52	1.12	0	<0.001	<0.001
	902-928MHz	--	RFID	Front Face	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	0.06	0.224	0.257
67	902-928MHz	--	RFID	Rear Face	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.01	0.317	0.364
	902-928MHz	--	RFID	Left Side	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.12	0.158	0.181
	902-928MHz	--	RFID	Right Side	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	0.04	0.067	0.077
	902-928MHz	--	RFID	Top Side	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.02	0.215	0.247

Note:

- 1). “*” indicates that the data is repeated.
- 2). Scaled SAR-1g (W/kg) = (Measured SAR-1g (W/kg) x Scaling Factor) / Duty Cycle.

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4.5.5. SAR Results for Extremity Exposure Condition (Separation Distance is 0 cm)

Plot No.	Band	SCS (kHz)	Mode	Test Position	Ch.	RB#	RB Offset	Ant.	DSI	Duty Cycle	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
68	U-NII-2A	--	802.11a	Front Face	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.00	0.09	0.099
	U-NII-2A	--	802.11a	Rear Face	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	0.00	0.446	0.490
	U-NII-2A	--	802.11a	Left Side	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	-0.05	0.441	0.485
	U-NII-2A	--	802.11a	Top Side	64	--	--	5	DSI-0	99.06%	13.5	13.09	1.10	-0.04	0.189	0.208
	U-NII-2A	--	802.11a	Front Face	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.00	0.027	0.030
	U-NII-2A	--	802.11a	Rear Face	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.00	0.232	0.254
	U-NII-2A	--	802.11a	Right Side	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	0.00	0.094	0.103
	U-NII-2A	--	802.11a	Top Side	56	--	--	6	DSI-0	99.53%	13.5	13.10	1.10	-0.18	0.214	0.235
	U-NII-2A	--	802.11n-HT20	Front Face	56	--	--	5+6	DSI-0	99.53%	10.4	13.09	0.53	0.09	0.048	0.026
	U-NII-2A	--	802.11n-HT20	Rear Face	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	-0.04	0.022	0.024
	U-NII-2A	--	802.11n-HT20	Left Side	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.01	0.022	0.024
	U-NII-2A	--	802.11n-HT20	Right Side	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.05	0.037	0.040
	U-NII-2A	--	802.11n-HT20	Top Side	56	--	--	5+6	DSI-0	99.53%	13.0	12.63	1.09	0.06	0.083	0.090
	U-NII-2C	--	802.11a	Front Face	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.00	0.063	0.071
	U-NII-2C	--	802.11a	Rear Face	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.00	0.221	0.249
69	U-NII-2C	--	802.11a	Left Side	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.05	0.17	0.192
	U-NII-2C	--	802.11a	Top Side	100	--	--	5	DSI-0	99.53%	13.5	12.98	1.13	0.08	0.127	0.143
	U-NII-2C	--	802.11a	Front Face	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.00	0.016	0.017
	U-NII-2C	--	802.11a	Rear Face	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.00	0.331	0.356
	U-NII-2C	--	802.11a	Right Side	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.02	0.131	0.141
	U-NII-2C	--	802.11a	Top Side	120	--	--	6	DSI-0	99.53%	13.5	13.18	1.08	0.08	0.172	0.185
	U-NII-2C	--	802.11n-HT20	Front Face	120	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.01	0.04	0.044
	U-NII-2C	--	802.11n-HT20	Rear Face	120	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	-0.04	0.148	0.162
	U-NII-2C	--	802.11n-HT20	Left Side	120	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.02	0.107	0.117
	U-NII-2C	--	802.11n-HT20	Right Side	120	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.00	0.059	0.065
	U-NII-2C	--	802.11n-HT20	Top Side	120	--	--	5+6	DSI-0	99.53%	13.0	12.60	1.10	0.12	0.077	0.084
	902-928MHz	--	RFID	Front Face	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.10	0.524	0.602
	902-928MHz	--	RFID	Left Side	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	0.09	0.416	0.478
	902-928MHz	--	RFID	Right Side	902.75MHz	--	--	5	DSI-0	48.37%	19.5	18.90	1.15	-0.02	0.085	0.098

Note:

1). Scaled SAR-1g (W/kg) = (Measured SAR-1g (W/kg) x Scaling Factor) / Duty Cycle.

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4.6. SAR MEASUREMENT VARIABILITY

4.6.1. Repeated Measurement

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

- 1) When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
- 2) When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
- 4) If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

Band	Mode	Test Position	Separation Distance (mm)	Channel	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio	2nd Repeated SAR-1g (W/kg)	L/S Ratio	3rd Repeated SAR-1g (W/kg)	L/S Ratio
Body Exposure Condition											
LTE Band 25 (2)	QPSK20M 1RB0	Rear Face	10	26365	0.902	0.884	1.02	N/A	N/A	N/A	N/A
5G NR n25 (2)	DFT-s-OFDM_QPSK20M Inner Full	Rear Face	10	381000	0.912	0.901	1.01	N/A	N/A	N/A	N/A
5G NR n41 (38)	DFT-s-OFDM_QPSK100M 1 RB Right	Rear Face	10	509202	1.1	1.07	1.03	N/A	N/A	N/A	N/A

4.7. SIMULTANEOUS MULTI-BAND TRANSMISSION EVALUATION

4.7.1. Simultaneous Transmission SAR Test Exclusion Considerations

a) Sum of SAR

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR_{1g} of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR_{1g} 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR_{1g} is greater than the SAR limit (SAR_{1g} 1.6 W/kg), SAR test exclusion is determined by the SPLSR.

b) SAR to Peak Location Separation Ratio

The simultaneous transmitting antennas in each operating mode and exposure condition combination are considered one pair at a time to determine the SPLSR.

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / R_i$$

The ratio is rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion. When 10-g SAR applies, the ratio must be ≤ 0.10 .

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

$$\text{peak location separation distance} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2}$$

Where (x_1, y_1, z_1) and (x_2, y_2, z_2) 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.

When SAR is estimated for both antennas, the peak location separation should be determined by the closest physical separation of the antennas, according to the feed-point or geometric center of the antennas.

c) Volume Scan

When the SPLSR is ≤ 0.04 for 1-g SAR and ≤ 0.10 for 10-g SAR, the simultaneous transmission SAR is not required. Otherwise, the enlarged zoom scan and volume scan post-processing procedures will be performed.

4.7.2. Simultaneous Transmission Possibilities

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

Simultaneous Transmission Configurations	Head(Voice/VoIP)	Body-worn(Voice/VoIP)
GSM(Voice/Data)+WLAN(Data) +2 nd BLE	Yes	Yes
WCDMA(Voice/Data)+WLAN(Data) +2 nd BLE	Yes	Yes
5G-NR(Voice/Data)+WLAN(Data) +2 nd BLE	Yes	Yes
LTE(Voice/Data)+WLAN(Data) +2 nd BLE	Yes	Yes
GSM(Voice/Data)+BT(Data) +2 nd BLE	Yes	Yes
WCDMA(Voice/Data)+BT(Data) +2 nd BLE	Yes	Yes
5GNR(Voice/Data)+BT(Data) +2 nd BLE	Yes	Yes
LTE(Data)+BT(Data) +2 nd BLE	Yes	Yes
NR+LTE(ENDC) +2 nd BLE	Yes	Yes
NR+LTE(ENDC)+WLAN+2 nd BLE	Yes	Yes

Simultaneous Transmission Configurations	Body-worn(Data)
WCDMA(Voice/Data)+WLAN (Data) +2 nd BLE	Yes
5G-NR(Voice/Data) +WLAN (Data) +2 nd BLE	Yes
LTE(Voice/Data) +WLAN (Data) +2 nd BLE	Yes
WCDMA(Voice/Data)+BT(Data)+RFID+2 nd BLE	Yes
5GNR(Voice/Data)+BT(Data)+RFID+2 nd BLE	Yes
LTE(Data)+BT(Data)+RFID+2 nd BLE	Yes
NR+LTE(ENDC) +RFID+2 nd BLE	No
NR+LTE(ENDC)+WLAN+RFID+2 nd BLE	No
UWB+2 nd BLE	Yes
UWB+BT(Data)	Yes

Note:

- 1) The 2.4G WLAN, 5G WLAN, 6G WLAN cannot transmit simultaneously.
- 2) The WLAN and Bluetooth cannot transmit simultaneously, so there is no co-location test requirement for WLAN and Bluetooth.
- 3) EUT will choose each GSM, WCDMA, LTE and 5G NR according to the network signal condition; therefore, they will not operate simultaneously at any moment.

4.7.3. Max. Standalone SAR

Band	DSI	Ant.	Head				Body					
			Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
GSM850	0	0	0.091	0.040	0.085	0.051	0.064	0.161	0.072	0.141	0.009	0.082
PCS1900	0	0	0.018	0.018	0.046	0.031	0.078	0.300	0.061	0.012	0.004	0.237
WCDMA Band II	0	0	0.095	0.066	0.168	0.090	0.259	0.452	0.235	0.044	0.195	0.446
WCDMA Band IV	0	0	0.059	0.040	0.105	0.096	0.131	0.290	0.220	0.027	0.193	0.203
WCDMA Band V	0	0	0.120	0.061	0.091	0.059	0.093	0.242	0.065	0.149	0.461	0.123
LTE Band 7	0	0	0.198	0.181	0.395	0.120	0.638	0.778	0.550	0.047	0.224	0.733
LTE Band 7	1	0	0.092	0.084	0.184	0.056	0.326	0.397	0.281	0.025	0.224	0.381
LTE Band 12(17)	0	0	0.111	0.071	0.120	0.083	0.144	0.273	0.208	0.192	0.415	0.032
LTE Band 13	0	0	0.182	0.082	0.159	0.088	0.145	0.252	0.118	0.090	0.387	0.076
LTE Band 14	0	0	0.141	0.064	0.112	0.062	0.119	0.177	0.079	0.060	0.383	0.076
LTE Band 25(2)	0	0	0.267	0.146	0.396	0.149	0.268	1.021	0.434	0.047	0.275	0.543
LTE Band 25(2)	1	0	0.121	0.066	0.180	0.075	0.163	0.535	0.265	0.028	0.275	0.324
LTE Band 26(5)	0	0	0.267	0.149	0.221	0.149	0.184	0.334	0.178	0.237	0.411	0.112
LTE Band 41(38)	0	0	0.157	0.176	0.305	0.109	0.461	0.630	0.434	0.050	0.005	0.543
LTE Band 48	0	1	0.185	0.065	0.01	0.01	0.175	0.5	0.015	0.468	0.002	0.131
LTE Band 66(4)	0	0	0.191	0.130	0.341	0.314	0.317	0.691	0.524	0.064	0.244	0.659
LTE Band 71	0	0	0.095	0.061	0.099	0.069	0.143	0.271	0.206	0.190	0.377	0.032
5G NR n7	0	0	0.176	0.157	0.337	0.110	0.593	0.690	0.499	0.047	0.224	0.668
5G NR n12(17)	0	0	0.101	0.064	0.109	0.076	0.134	0.254	0.193	0.178	0.37	0.029
5G NR n13	0	0	0.181	0.082	0.159	0.087	0.125	0.217	0.102	0.078	0.387	0.065
5G NR n14	0	0	0.160	0.074	0.126	0.072	0.121	0.180	0.080	0.061	0.383	0.078
5G NR n25(2)	0	0	0.286	0.157	0.425	0.180	0.315	1.030	0.510	0.054	0.219	0.634
5G NR n25(2)	1	0	0.145	0.123	0.183	0.077	0.161	0.524	0.259	0.027	0.219	0.318
5G NR n26(5)	0	0	0.274	0.154	0.228	0.152	0.146	0.288	0.141	0.187	0.366	0.088
5G NR n41(38)	0	0	0.283	0.260	0.488	0.176	0.963	1.181	0.794	0.075	0.006	1.174
5G NR n41(38)	1	0	0.181	0.168	0.315	0.113	0.435	0.557	0.374	0.036	0.006	0.505
5G NR n48	0	1	0.205	0.089	0.010	0.010	0.365	0.728	0.026	0.793	0.003	0.221
5G NR n66	0	0	0.170	0.115	0.304	0.280	0.359	0.782	0.593	0.072	0.217	0.741
5G NR n71	0	0	0.088	0.057	0.092	0.063	0.117	0.229	0.170	0.162	0.423	0.029
5G NR n77(78)A	0	1	0.177	0.050	0.010	0.010	0.261	0.772	0.025	0.720	0.003	0.14
5G NR n77(78)A	1	1	0.068	0.020	0.010	0.010	0.141	0.415	0.012	0.382	0.003	0.075
5G NR n77(78)C	0	1	0.304	0.095	0.010	0.007	0.299	0.746	0.028	0.781	0.003	0.327
5G NR n77(78)C	1	1	0.155	0.048	0.010	0.010	0.155	0.390	0.020	0.433	0.003	0.171
Bluetooth	0	5	0.007	0.003	0.004	0.004	0.010	0.005	0.005	0.010	0.010	0.007
2 nd BLE	0	8	0.001	0.001	0.003	0.001	0.005	0.002	0.001	0.001	0.001	0.002
2.4G Wi-Fi	0	5	0.177	0.101	0.071	0.052	0.039	0.099	0.113	0.004	0.054	0.047
	0	6	0.333	0.207	0.795	0.480	0.205	0.250	0.010	0.137	0.276	0.046
	0	5+6	0.123	0.075	0.291	0.176	0.074	0.090	0.046	0.050	0.099	0.060
5G Wi-Fi	0	5	0.317	0.273	0.245	0.234	0.088	0.247	0.361	0.008	0.201	0.028
	0	6	0.037	0.057	0.086	0.080	0.018	0.215	0.010	0.024	0.053	0.028
	0	5+6	0.185	0.160	0.143	0.134	0.045	0.144	0.210	0.009	0.117	0.059
6G Wi-Fi	0	5+6	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
RFID	0	5	--	--	--	--	0.257	0.364	0.181	0.077	0.247	0.141

4.7.4. Sum of SAR

WWAN+WLAN+RFID+2nd BLE

Band	DSI	Ant.	Head				Body					
			Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
GSM850	0	0	0.42	0.31	0.88	0.53	0.53	0.78	0.61	0.36	0.53	0.32
PCS1900	0	0	0.35	0.29	0.84	0.51	0.54	0.91	0.60	0.23	0.53	0.48
WCDMA Band II	0	0	0.43	0.34	0.96	0.57	0.72	1.07	0.78	0.26	0.72	0.69
WCDMA Band IV	0	0	0.39	0.31	0.90	0.58	0.59	0.90	0.76	0.24	0.72	0.44
WCDMA Band V	0	0	0.45	0.33	0.89	0.54	0.56	0.86	0.61	0.36	0.98	0.36
LTE Band 7	0	0	0.53	0.45	1.19	0.60	1.10	1.39	1.09	0.26	0.75	0.97
LTE Band 12(17)	0	0	0.44	0.34	0.92	0.56	0.61	0.89	0.75	0.41	0.94	0.27
LTE Band 13	0	0	0.52	0.36	0.95	0.57	0.61	0.87	0.66	0.30	0.91	0.32
LTE Band 14	0	0	0.47	0.34	0.91	0.54	0.58	0.79	0.62	0.27	0.91	0.32
LTE Band 25(2)	0	0	0.60	0.42	1.19	0.63	0.73	1.64	0.98	0.26	0.80	0.78
LTE Band 26(5)	0	0	0.60	0.42	1.02	0.63	0.65	0.95	0.72	0.45	0.93	0.35
LTE Band 41(38)	0	0	0.49	0.45	1.10	0.59	0.92	1.24	0.98	0.26	0.53	0.78
LTE Band 48	0	1	0.52	0.34	0.81	0.49	0.64	1.11	0.56	0.68	0.53	0.37
LTE Band 66(4)	0	0	0.52	0.40	1.14	0.79	0.78	1.31	1.07	0.28	0.77	0.90
LTE Band 71	0	0	0.43	0.33	0.89	0.55	0.61	0.89	0.75	0.40	0.90	0.27
5G NR n7	0	0	0.51	0.43	1.13	0.59	1.06	1.30	1.04	0.26	0.75	0.91
5G NR n12(17)	0	0	0.43	0.34	0.90	0.56	0.60	0.87	0.74	0.39	0.89	0.27
5G NR n13	0	0	0.51	0.36	0.95	0.57	0.59	0.83	0.64	0.29	0.91	0.31
5G NR n14	0	0	0.49	0.35	0.92	0.55	0.58	0.79	0.62	0.28	0.91	0.32
5G NR n25(2)	0	0	0.62	0.43	1.22	0.66	0.78	1.64	1.05	0.27	0.74	0.88
5G NR n26(5)	0	0	0.61	0.43	1.02	0.63	0.61	0.90	0.68	0.40	0.89	0.33
5G NR n41(38)	0	0	0.62	0.53	1.28	0.66	1.43	1.80	1.34	0.29	0.53	1.42
5G NR n48	0	1	0.54	0.36	0.81	0.49	0.83	1.34	0.57	1.01	0.53	0.46
5G NR n66	0	0	0.50	0.39	1.10	0.76	0.82	1.40	1.14	0.29	0.74	0.98
5G NR n71	0	0	0.42	0.33	0.89	0.54	0.58	0.84	0.71	0.38	0.95	0.27
5G NR n77(78)A	0	1	0.51	0.32	0.81	0.49	0.72	1.39	0.57	0.93	0.53	0.38
5G NR n77(78)C	0	1	0.64	0.37	0.81	0.49	0.76	1.36	0.57	1.00	0.53	0.57
Highest Simultaneous Transmission SAR (W/kg)			1.28				1.43					

Note: The results marked in red can be seen in the SPLSR analysis.

WWAN+Bluetooth+RFID+2nd BLE

Band	DSI	Ant.	Head				Body					
			Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
GSM850	0	0	0.10	0.04	0.09	0.06	0.33	0.53	0.26	0.23	0.27	0.23
PCS1900	0	0	0.03	0.02	0.05	0.04	0.35	0.67	0.25	0.10	0.26	0.39
WCDMA Band II	0	0	0.10	0.07	0.17	0.09	0.53	0.82	0.42	0.13	0.45	0.59
WCDMA Band IV	0	0	0.07	0.04	0.11	0.10	0.40	0.66	0.41	0.11	0.45	0.35
WCDMA Band V	0	0	0.13	0.06	0.10	0.06	0.36	0.61	0.25	0.24	0.72	0.27
LTE Band 7	0	0	0.21	0.18	0.40	0.12	0.91	1.15	0.74	0.13	0.48	0.88
LTE Band 12(17)	0	0	0.12	0.07	0.12	0.09	0.41	0.64	0.39	0.28	0.67	0.18
LTE Band 13	0	0	0.19	0.09	0.16	0.09	0.41	0.62	0.30	0.18	0.64	0.22
LTE Band 14	0	0	0.15	0.07	0.12	0.07	0.39	0.55	0.27	0.15	0.64	0.22
LTE Band 25(2)	0	0	0.27	0.15	0.40	0.15	0.54	1.39	0.62	0.13	0.53	0.69
LTE Band 26(5)	0	0	0.27	0.15	0.23	0.15	0.45	0.70	0.36	0.32	0.67	0.26
LTE Band 41(38)	0	0	0.16	0.18	0.31	0.11	0.73	1.00	0.62	0.14	0.26	0.69
LTE Band 48	0	1	0.19	0.07	0.01	0.01	0.44	0.87	0.20	0.56	0.26	0.28
LTE Band 66(4)	0	0	0.20	0.13	0.35	0.32	0.58	1.06	0.71	0.15	0.50	0.81
LTE Band 71	0	0	0.10	0.06	0.10	0.07	0.41	0.64	0.39	0.28	0.63	0.18
5G NR n7	0	0	0.18	0.16	0.34	0.11	0.86	1.06	0.69	0.13	0.48	0.82
5G NR n12(17)	0	0	0.11	0.07	0.11	0.08	0.40	0.62	0.38	0.27	0.63	0.18
5G NR n13	0	0	0.19	0.09	0.16	0.09	0.39	0.59	0.29	0.17	0.64	0.21
5G NR n14	0	0	0.17	0.08	0.13	0.08	0.39	0.55	0.27	0.15	0.64	0.23
5G NR n25(2)	0	0	0.29	0.16	0.43	0.18	0.58	1.40	0.70	0.14	0.48	0.78
5G NR n26(5)	0	0	0.28	0.16	0.23	0.16	0.41	0.66	0.33	0.27	0.62	0.24
5G NR n41(38)	0	0	0.29	0.26	0.49	0.18	1.23	1.55	0.98	0.16	0.26	1.32
5G NR n48	0	1	0.21	0.09	0.01	0.01	0.63	1.10	0.21	0.88	0.26	0.37
5G NR n66	0	0	0.18	0.12	0.31	0.28	0.63	1.15	0.78	0.16	0.47	0.89
5G NR n71	0	0	0.10	0.06	0.10	0.07	0.38	0.60	0.36	0.25	0.68	0.18
5G NR n77(78)A	0	1	0.18	0.05	0.01	0.01	0.53	1.14	0.21	0.81	0.26	0.29
5G NR n77(78)C	0	1	0.31	0.10	0.01	0.01	0.57	1.12	0.21	0.87	0.26	0.48
Highest Simultaneous Transmission SAR (W/kg)			0.49				1.55					

ENDC (LTE+5G NR)

ENDC	Head				Body					
	Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
B2A+N78A	0.28	0.11	0.19	0.09	0.32	0.95	0.29	0.46	0.28	0.50
B4A+N78A	0.35	0.18	0.35	0.32	0.47	1.11	0.54	0.50	0.25	0.83
B2A+N12A	0.22	0.13	0.29	0.15	0.30	0.79	0.46	0.21	0.65	0.35
B12A+N77A	0.27	0.12	0.13	0.09	0.30	0.69	0.23	0.63	0.42	0.20
B13A+N77A	0.34	0.13	0.17	0.10	0.30	0.67	0.14	0.52	0.39	0.25
B38A+N78A	0.31	0.22	0.32	0.12	0.62	1.05	0.45	0.48	0.01	0.71
B12A+N78A	0.27	0.12	0.13	0.09	0.30	0.69	0.23	0.63	0.42	0.20
B25A+N78A	0.30	0.17	0.19	0.09	0.32	0.94	0.28	0.46	0.22	0.49
B25A+N77A	0.30	0.17	0.19	0.09	0.32	0.94	0.28	0.46	0.22	0.49
B2A+N5A	0.40	0.22	0.41	0.23	0.31	0.82	0.41	0.22	0.64	0.41
B13A+N66A	0.35	0.20	0.46	0.37	0.50	1.03	0.71	0.16	0.60	0.82
B5A+N2A	0.41	0.27	0.40	0.23	0.35	0.86	0.44	0.26	0.63	0.43
B66A+n78A	0.35	0.18	0.35	0.32	0.47	1.11	0.54	0.50	0.25	0.83
B66A+n77A	0.35	0.18	0.35	0.32	0.47	1.11	0.54	0.50	0.25	0.83
B66A+n5A	0.47	0.28	0.57	0.47	0.46	0.98	0.67	0.25	0.61	0.75
B5A+n66A	0.44	0.26	0.53	0.43	0.54	1.12	0.77	0.31	0.63	0.85
B2A+n71A	0.21	0.12	0.27	0.14	0.28	0.76	0.44	0.19	0.70	0.35
B66A+n71A	0.28	0.19	0.43	0.38	0.43	0.92	0.69	0.23	0.67	0.69
B66A+N12A	0.29	0.19	0.45	0.39	0.45	0.95	0.72	0.24	0.61	0.69
B12A+N66A	0.28	0.19	0.42	0.36	0.50	1.06	0.80	0.26	0.63	0.77
B71A+N66A	0.27	0.18	0.40	0.35	0.50	1.05	0.80	0.26	0.59	0.77
12A+n41A	0.29	0.24	0.44	0.20	0.58	0.83	0.58	0.23	0.42	0.54
B26A+N41A	0.45	0.32	0.54	0.26	0.62	0.89	0.55	0.27	0.42	0.62
B13A+N2A	0.33	0.21	0.34	0.17	0.31	0.78	0.38	0.12	0.61	0.39
B48A+N5A	0.46	0.22	0.24	0.16	0.32	0.79	0.16	0.66	0.37	0.22
B48A+N66A	0.36	0.18	0.31	0.29	0.53	1.28	0.61	0.54	0.22	0.87
B7A+n78A	0.25	0.13	0.19	0.07	0.48	0.81	0.30	0.46	0.23	0.55
B5A+n77A	0.42	0.20	0.23	0.16	0.34	0.75	0.20	0.67	0.41	0.28
B7A+n5A	0.37	0.24	0.41	0.21	0.47	0.69	0.42	0.21	0.59	0.47
B7A+n71A	0.18	0.14	0.28	0.12	0.44	0.63	0.45	0.19	0.65	0.41
B5A+n78A	0.42	0.20	0.23	0.16	0.34	0.75	0.20	0.67	0.41	0.28
Highest Simultaneous Transmission SAR (W/kg)	0.57				1.28					

ENDC (LTE+5G NR)+Bluetooth+2nd BLE

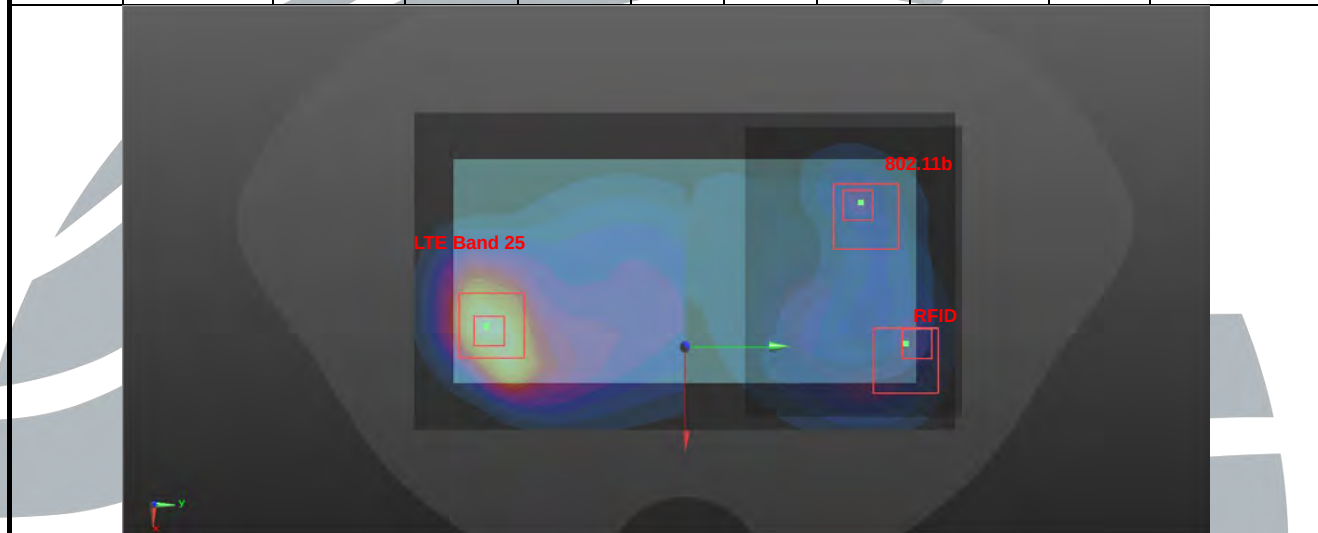
ENDC	Head				Body					
	Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
B2A+N78A	0.28	0.12	0.19	0.09	0.33	0.96	0.29	0.47	0.29	0.50
B4A+N78A	0.35	0.18	0.36	0.33	0.48	1.11	0.55	0.51	0.26	0.84
B2A+N12A	0.23	0.13	0.29	0.16	0.31	0.79	0.46	0.22	0.66	0.36
B12A+N77A	0.27	0.12	0.13	0.10	0.31	0.69	0.23	0.64	0.43	0.21
B13A+N77A	0.34	0.13	0.17	0.10	0.31	0.67	0.14	0.53	0.40	0.25
B38A+N78A	0.32	0.23	0.32	0.12	0.63	1.05	0.46	0.49	0.02	0.72
B12A+N78A	0.27	0.12	0.13	0.10	0.31	0.69	0.23	0.64	0.43	0.21
B25A+N78A	0.31	0.17	0.20	0.09	0.33	0.94	0.28	0.47	0.23	0.50
B25A+N77A	0.31	0.17	0.20	0.09	0.33	0.94	0.28	0.47	0.23	0.50
B2A+N5A	0.40	0.22	0.41	0.23	0.32	0.83	0.41	0.23	0.65	0.42
B13A+N66A	0.36	0.20	0.47	0.37	0.51	1.04	0.72	0.17	0.61	0.82
B5A+N2A	0.42	0.28	0.41	0.23	0.36	0.86	0.44	0.27	0.64	0.44
B66A+n78A	0.35	0.18	0.36	0.33	0.48	1.11	0.55	0.51	0.26	0.84
B66A+n77A	0.35	0.18	0.36	0.33	0.48	1.11	0.55	0.51	0.26	0.84
B66A+n5A	0.47	0.29	0.57	0.47	0.47	0.98	0.67	0.26	0.62	0.75
B5A+n66A	0.44	0.27	0.53	0.43	0.55	1.12	0.78	0.32	0.64	0.86
B2A+n71A	0.22	0.13	0.28	0.14	0.29	0.77	0.44	0.20	0.71	0.36
B66A+n71A	0.29	0.19	0.44	0.38	0.44	0.93	0.70	0.24	0.68	0.70
B66A+N12A	0.30	0.20	0.45	0.39	0.46	0.95	0.72	0.25	0.62	0.70
B12A+N66A	0.29	0.19	0.43	0.37	0.51	1.06	0.81	0.27	0.64	0.78
B71A+N66A	0.27	0.18	0.41	0.35	0.51	1.06	0.80	0.27	0.60	0.78
12A+n41A	0.30	0.24	0.44	0.20	0.59	0.84	0.59	0.24	0.43	0.54
B26A+N41A	0.46	0.32	0.54	0.27	0.63	0.90	0.56	0.28	0.43	0.62
B13A+N2A	0.33	0.21	0.35	0.17	0.32	0.78	0.38	0.13	0.62	0.40
B48A+N5A	0.47	0.22	0.24	0.17	0.33	0.79	0.16	0.67	0.38	0.23
B48A+N66A	0.36	0.18	0.32	0.29	0.54	1.29	0.61	0.55	0.23	0.88
B7A+n78A	0.25	0.14	0.20	0.07	0.49	0.82	0.31	0.47	0.24	0.56
B5A+n77A	0.43	0.20	0.24	0.16	0.35	0.75	0.20	0.68	0.42	0.29
B7A+n5A	0.37	0.24	0.42	0.21	0.48	0.69	0.43	0.22	0.60	0.48
B7A+n71A	0.19	0.14	0.28	0.12	0.45	0.63	0.46	0.20	0.66	0.42
B5A+n78A	0.43	0.20	0.24	0.16	0.35	0.75	0.20	0.68	0.42	0.29
Highest Simultaneous Transmission SAR (W/kg)	0.57				1.29					

ENDC (LTE+5G NR)+WLAN+2nd BLE

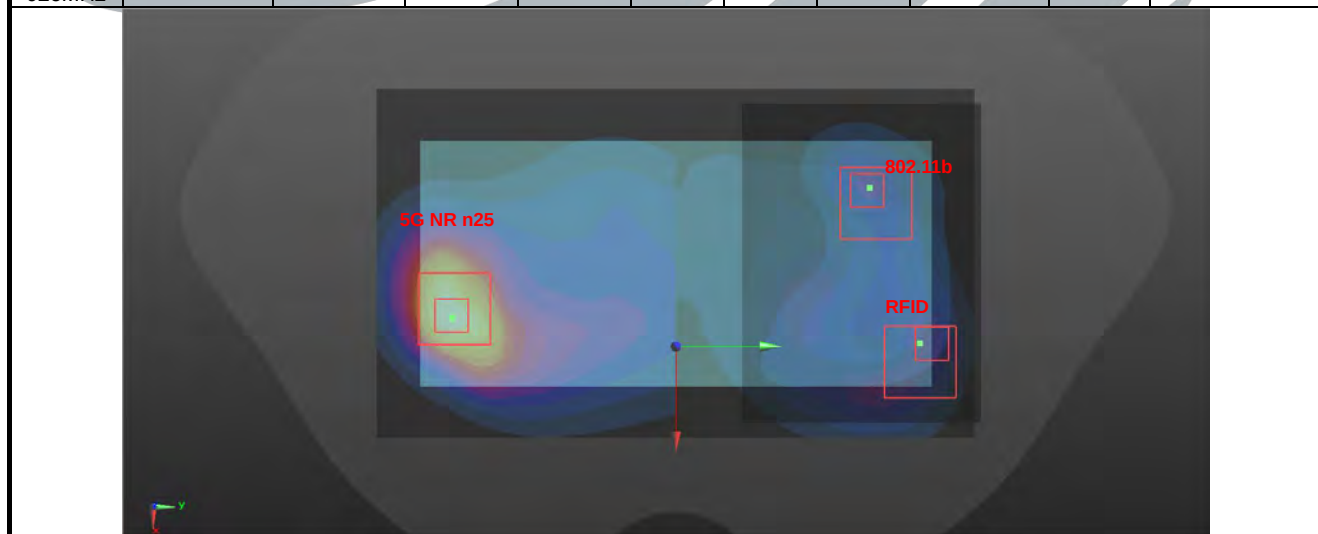
ENDC	Head				Body					
	Right Cheek	Right Tilted	Left Cheek	Left Tilted	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
B2A+N78A	0.61	0.39	0.99	0.57	0.52	1.20	0.65	0.60	0.55	0.60
B4A+N78A	0.68	0.45	1.15	0.80	0.68	1.36	0.91	0.63	0.52	0.93
B2A+N12A	0.56	0.40	1.08	0.63	0.50	1.04	0.82	0.34	0.92	0.45
B12A+N77A	0.60	0.39	0.93	0.57	0.50	0.94	0.59	0.76	0.69	0.30
B13A+N77A	0.67	0.40	0.96	0.58	0.51	0.92	0.50	0.66	0.67	0.35
B38A+N78A	0.65	0.50	1.11	0.60	0.82	1.30	0.82	0.62	0.28	0.81
B12A+N78A	0.60	0.39	0.93	0.57	0.50	0.94	0.59	0.76	0.69	0.30
B25A+N78A	0.63	0.44	0.99	0.57	0.52	1.19	0.64	0.60	0.50	0.59
B25A+N77A	0.63	0.44	0.99	0.57	0.52	1.19	0.64	0.60	0.50	0.59
B2A+N5A	0.73	0.49	1.20	0.71	0.51	1.07	0.77	0.35	0.92	0.51
B13A+N66A	0.69	0.47	1.26	0.85	0.71	1.28	1.07	0.30	0.88	0.92
B5A+N2A	0.75	0.55	1.20	0.71	0.55	1.11	0.80	0.40	0.91	0.53
B66A+n78A	0.68	0.45	1.15	0.80	0.68	1.36	0.91	0.63	0.52	0.93
B66A+n77A	0.68	0.45	1.15	0.80	0.68	1.36	0.91	0.63	0.52	0.93
B66A+n5A	0.80	0.56	1.36	0.95	0.67	1.23	1.03	0.39	0.89	0.85
B5A+n66A	0.77	0.54	1.32	0.91	0.75	1.37	1.13	0.45	0.90	0.95
B2A+n71A	0.54	0.40	1.07	0.62	0.49	1.01	0.80	0.33	0.97	0.45
B66A+n71A	0.61	0.46	1.23	0.86	0.64	1.17	1.06	0.36	0.94	0.79
B66A+N12A	0.63	0.47	1.25	0.87	0.66	1.20	1.08	0.38	0.89	0.79
B12A+N66A	0.61	0.46	1.22	0.84	0.71	1.31	1.16	0.40	0.91	0.87
B71A+N66A	0.60	0.45	1.20	0.83	0.71	1.30	1.16	0.40	0.87	0.87
12A+n41A	0.63	0.51	1.23	0.68	0.78	1.08	0.94	0.37	0.70	0.64
B26A+N41A	0.78	0.59	1.33	0.74	0.82	1.14	0.91	0.41	0.69	0.72
B13A+N2A	0.66	0.48	1.14	0.65	0.51	1.03	0.74	0.25	0.88	0.49
B48A+N5A	0.79	0.49	1.03	0.64	0.53	1.04	0.52	0.79	0.64	0.32
B48A+N66A	0.69	0.45	1.11	0.77	0.74	1.53	0.97	0.68	0.50	0.97
B7A+n78A	0.58	0.41	0.99	0.55	0.69	1.06	0.66	0.60	0.50	0.65
B5A+n77A	0.76	0.47	1.03	0.64	0.54	1.00	0.56	0.81	0.69	0.38
B7A+n5A	0.70	0.51	1.21	0.69	0.68	0.94	0.78	0.35	0.87	0.57
B7A+n71A	0.51	0.41	1.07	0.60	0.65	0.88	0.81	0.32	0.92	0.51
B5A+n78A	0.76	0.47	1.03	0.64	0.54	1.00	0.56	0.81	0.69	0.38
Highest Simultaneous Transmission SAR (W/kg)	1.36				1.53					

4.7.5. SAR to Peak Location Separation Ratio Analysis

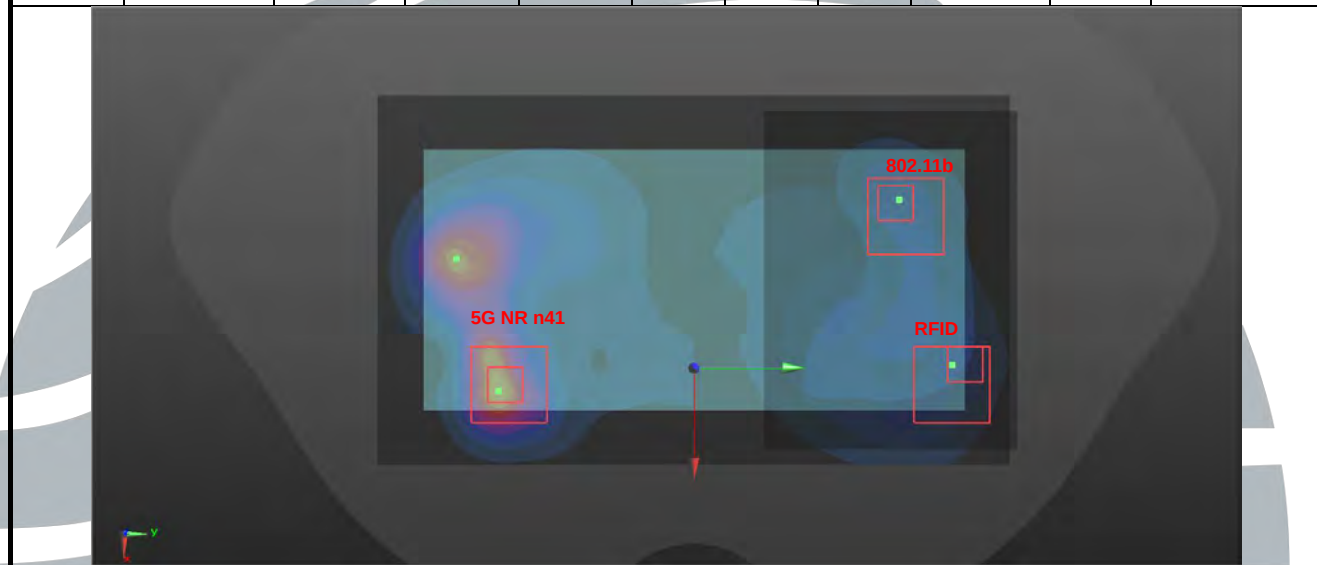
Band	Mode	Test Position	Channel	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR	Simultaneous Transmission SAR Test
					x	y	z			
LTE Band 25	QPSK 20MHz 1RB0	Rear Face	26365	1.021	22.80	-64.40	-0.92	129.28 /	0.01/	SPLSR < 0.04, Not required
2.4GHz	802.11b Ant 6		11	0.250	-25.80	55.40	-1.26	122.70/	0.01/	
902-928MHz	RFID		1	0.364	36.80	57.50	-1.00	62.64	0.01	



Band	Mode	Test Position	Channel	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR	Simultaneous Transmission SAR Test
					x	y	z			
5G NR n25	QPSK 20MHz Innter_Full	Rear Face	381000	1.030	16.50	-67.50	-1.22	129.98 /	0.01/	SPLSR < 0.04, Not required
2.4GHz	802.11b Ant 6		11	0.250	-25.80	55.40	-1.26	126.64/	0.01/	
902-928MHz	RFID		1	0.364	36.80	57.50	-1.00	62.64	0.01	



Band	Mode	Test Position	Channel	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR	Simultaneous Transmission SAR Test
					x	y	z			
5G NR n41	QPSK 100MHz 1RBRight	Rear Face	509202	1.181	29.50	-54.50	-1.23	123.03 /	0.01/	SPLSR < 0.04, Not required
2.4GHz	802.11b Ant 6		11	0.250	-25.80	55.40	-1.26	126.64 /	0.02/	
902-928MHz	RFID		1	0.364	36.80	57.50	-1.00	62.64	0.01	



Maxima and position w.r.t. Grid Reference Point associated 1g averages	
Zoom Scan (C:\Users\dasy\Desktop\1\P43 LTE 25_QPSK20M_Rear Face_1cm_Ch26365_1RB_OS0.da53:0/Body)	
Max. 1 at (22.80, -64.40, -0.92) mm	0.90 W/kg
Zoom Scan (C:\Users\dasy\Desktop\1\P53 n25_15kHz_DFT-s-OFDM_QPSK20M_Rear Face_1cm_Ch381000_In...	
Max. 2 at (16.50, -67.50, -1.22) mm	0.91 W/kg
Zoom Scan (C:\Users\dasy\Desktop\1\P55 n41_30kHz_DFT-s-OFDM_QPSK100M_Rear Face_1cm_Ch509202_1...	
Max. 3 at (29.50, -54.50, -1.23) mm	1.10 W/kg
Zoom Scan (C:\Users\dasy\Desktop\1\P61 802.11b_Rear Face_1cm_Ch11_Ant 2.da53:0/Body)	
Max. 4 at (-25.80, 55.40, -1.26) mm	0.23 W/kg
Zoom Scan (C:\Users\dasy\Desktop\1\P67 RFID_Rear Face_1cm_902.75MHz.da53:0/Body)	
Max. 5 at (36.80, 57.50, -1.00) mm	0.32 W/kg
Distances and Separation Ratios	
Max. 1 - Max. 2	Distance [mm]: 7.03 / Separation ratio [W/kg/mm]: 0.35
Max. 1 - Max. 3	Distance [mm]: 11.96 / Separation ratio [W/kg/mm]: 0.24
Max. 1 - Max. 4	Distance [mm]: 129.28 / Separation ratio [W/kg/mm]: 0.01
Max. 1 - Max. 5	Distance [mm]: 122.70 / Separation ratio [W/kg/mm]: 0.01
Max. 2 - Max. 3	Distance [mm]: 18.38 / Separation ratio [W/kg/mm]: 0.16
Max. 2 - Max. 4	Distance [mm]: 129.98 / Separation ratio [W/kg/mm]: 0.01
Max. 2 - Max. 5	Distance [mm]: 126.64 / Separation ratio [W/kg/mm]: 0.01
Max. 3 - Max. 4	Distance [mm]: 123.03 / Separation ratio [W/kg/mm]: 0.01
Max. 3 - Max. 5	Distance [mm]: 112.24 / Separation ratio [W/kg/mm]: 0.02
Max. 4 - Max. 5	Distance [mm]: 62.64 / Separation ratio [W/kg/mm]: 0.01

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*** End of Report ***

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APPENDIX A. SAR PLOTS OF SYSTEM VERIFICATION

The plots for system verification with largest deviation for each SAR system combination are shown as follows.



APPENDIX B. SAR PLOTS OF SAR MEASUREMENT

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.



APPENDIX C. CALIBRATION CERTIFICATE FOR PROBE AND DIPOLE

The calibration certificates are shown as follows.



APPENDIX D. PHOTOGRAPHS OF EUT AND SETUP

The photographs of EUT and setup are shown as follows.

