



REPORT No.: SZ25100439S01

Annex F Test Position Consideration

ANT 1(LB)+ANT 4 (MB)+ANT 5(HB)+ANT 6 (JHB)+ANT 0 (WIFI)

Exposure Position	Wireless Interface	WCDMA Band II	WCDMA Band IV	WCDMA Band V	LTE Band 2	LTE Band 4	LTE Band 5	LTE Band 7	LTE Band 12	LTE Band 13	LTE Band 14	LTE Band 17	LTE Band 18	LTE Band 19	LTE Band 25	LTE Band 26	LTE Band 30	LTE Band 38	LTE Band 41	LTE Band 48	LTE Band 66	LTE Band 71	5G NR n2	5G NR n3	5G NR n7	5G NR n25	5G NR n28	5G NR n30	5G NR n41	5G NR n48	5G NR n66	5G NR n77	5G NR n78	BT	2.4GHz WLAN ANT 0	5GHz WLAN ANT 0			
	Calculated Frequency	1910MHz	1755MHz	849MHz	1910MHz	1755MHz	849MHz	2570MHz	716MHz	787MHz	798MHz	716MHz	830MHz	845MHz	1915MHz	849MHz	2315MHz	2620MHz	2690MHz	3700MHz	1780MHz	698MHz	1910MHz	849MHz	2570MHz	1915MHz	849MHz	2315MHz	2690MHz	3700MHz	1780MHz	3700MHz	1780MHz	698MHz	3980MHz	3800MHz	2480MHz	2462MHz	5825MHz
Bottom Face	Maximum power (dbm)	24.50	25	25	24	24.5	25	23.5	24.5	24.5	24.5	24.5	24.5	24	24.5	24	24	27	24.5	24.5	24.5	25	25	25	25	25	25	27	25	25	25	25	25	27.5	25	9	17.5	17	
	Maximum rated power(mW)	282.0	316.0	316.0	251.0	282.0	316.0	224.0	282.0	282.0	282.0	282.0	282.0	251.0	282.0	251.0	251.0	501.0	282.0	282.0	282.0	316.0	316.0	316.0	316.0	316.0	316.0	501.0	316.0	316.0	316.0	316.0	582.0	316.0	8.0	56.0	50.0		
	Separation distance(mm)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
	exclusion threshold	78.0	83.7	58.2	69.4	74.7	58.2	71.8	47.7	50.0	50.4	47.7	51.4	51.9	69.5	52.0	76.4	81.3	158.3	108.5	75.3	47.1	87.3	58.2	101.3	87.5	52.0	76.4	158.3	121.6	84.3	121.6	84.3	52.8	224.2	123.2	2.5	17.6	24.1
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	
Edge 1	Separation distance(mm)	167.1	167.1	5.0	167.1	167.1	5.0	130.0	5.0	5.0	5.0	5.0	5.0	5.0	167.1	5.0	130.0	130.0	130.0	38.6	167.1	5.0	167.1	5.0	130.0	167.1	5.0	130.0	130.0	38.6	167.1	38.6	167.1	5.0	38.6	38.6	5.0	5.0	5.0
	exclusion threshold	1279.0	1284.0	58.2	1279.0	1284.0	58.2	475.0	47.7	50.0	50.4	47.7	51.4	51.9	1279.0	52.0	898.0	892.0	895.0	14.0	1283.0	47.1	1279.0	58.2	475.0	1279.0	52.0	898.0	895.0	15.7	1283.0	15.7	1283.0	52.8	29.0	16.0	2.5	17.6	24.1
	Testing required?	No	No	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No	Yes	No	Yes	No	No	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	
	Separation distance(mm)	98.2	98.2	81.0	98.2	98.2	81.0	113.3	81.0	81.0	81.0	81.0	81.0	81.0	98.2	81.0	113.3	113.3	113.3	5.0	98.2	81.0	98.2	81.0	113.3	98.2	81.0	113.3	113.3	5.0	98.2	5.0	98.2	81.0	5.0	5.0	5.0	5.0	5.0
	exclusion threshold	591.0	595.0	338.0	591.0	595.0	338.0	395.0	325.0	332.0	333.0	325.0	336.0	338.0	590.0	338.0	732.0	726.0	728.0	108.5	594.0	324.0	591.0	338.0	395.0	590.0	338.0	732.0	728.0	121.6	594.0	121.6	594.0	324.0	224.2	123.2	2.5	17.6	24.1
Edge 2	Testing required?	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	Yes	Yes	No	Yes
	Separation distance(mm)	5.0	5.0	173.8	5.0	5.0	173.8	34.0	173.8	173.8	173.8	173.8	173.8	173.8	5.0	173.8	34.0	34.0	148.5	5.0	173.8	5.0	173.8	34.0	5.0	173.8	34.0	34.0	148.5	5.0	148.5	5.0	173.8	148.5	148.5	164.4	164.4	164.4	
	exclusion threshold	78.0	83.7	863.0	69.4	74.7	863.0	10.6	768.0	818.0	826.0	768.0	850.0	860.0	69.5	863.0	11.2	11.9	23.3	1063.0	75.3	755.0	87.3	863.0	14.9	87.5	863.0	11.2	23.3	1063.0	84.3	1063.0	84.3	755.0	1060.0	1062.0	1239.0	1239.0	1206.0
	Testing required?	Yes	Yes	No	Yes	Yes	No	Yes	No	No	No	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	No	No	No	No	
	Separation distance(mm)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	116.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	116.8	5.0	116.8	116.8	117.0	117.0	117.0		
Edge 4	exclusion threshold	78.0	83.7	58.2	69.4	74.7	58.2	71.8	47.7	50.0	50.4	47.7	51.4	51.9	69.5	52.0	76.4	81.3	158.3	746.0	75.3	47.1	87.3	58.2	101.3	87.5	52.0	76.4	158.3	746.0	84.3	746.0	84.3	52.8	744.0	745.0	765.0	765.0	732.0
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	No	No	No	No	

ANT 3

		Wireless Interface													
		LTE Band 2	LTE Band 3	LTE Band 20	LTE Band 25	LTE Band 30	LTE Band 36	LTE Band 41	LTE Band 45	LTE Band 46	5G NR n2	5G NR n7	5G NR n25	5G NR n41	5G NR n66
Exposure Position	Calculated Frequency	1910MHz	1755MHz	2570MHz	1915MHz	2315MHz	2620MHz	2690MHz	1780MHz	1910MHz	2570MHz	1915MHz	2690MHz	1780MHz	1755MHz
	Maximum power (dBm)	24	24.5	23.5	24	24	24	27	24.5	25	25	25	27	25	27
Bottom Face	Maximum rated power(mW)	251.0	282.0	224.0	251.0	251.0	251.0	501.0	282.0	316.0	316.0	316.0	501.0	316.0	316.0
	Separation distance(mm)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	exclusion threshold	69.4	74.7	71.8	69.5	76.4	81.3	158.3	75.3	87.3	101.3	87.5	158.3	84.3	84.3
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Separation distance(mm)	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Edge 1	exclusion threshold	69.4	74.7	71.8	69.5	76.4	81.3	158.3	75.3	87.3	101.3	87.5	158.3	84.3	84.3
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Edge 2	Separation distance(mm)	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
	exclusion threshold	8.2	8.8	8.5	8.2	9.0	9.6	18.7	8.9	10.3	11.9	10.3	18.7	9.9	9.9
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Separation distance(mm)	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1	190.1
	exclusion threshold	1510.0	1514.0	761.0	1509.0	1500.0	1494.0	1496.0	1513.0	1510.0	761.0	1509.0	1496.0	1513.0	1513.0
Edge 3	Testing required?	No	No	No	No	No	No	No	No	No	No	No	No	No	No
	Separation distance(mm)	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
Edge 4	exclusion threshold	7.5	8.1	7.8	7.5	8.3	8.8	17.1	8.1	9.5	11.0	9.5	17.1	9.1	9.1
	Testing required?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes