

APPENDIX I: IEEE 802.11 RU SAR EXCLUSION

I.1 IEEE 802.11ax/be RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T, 996T and

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

I.2 IEEE 802.11ax RU Target Powers

I.2.1 2.4 GHz WLAN 802.11ax RU WLAN Output Power

The below table is applicable in the following conditions:

- Pmax

Mode	Band		IEEE 802.11ax RU (in dBm)											
			SISO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna J			
			26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI	2.45 GHz	Maximum	10	13	16	18	10	13	16	18	8	11	14	16
					ch. 11: 15.5	ch. 11: 15.5			ch. 11: 15.5	ch. 11: 15.5			ch. 11: 13.5	ch. 11: 13.5
		Nominal	9	12	15	17	9	12	15	17	7	10	13	15
					ch. 11: 14.5	ch. 11: 14.5			ch. 11: 14.5	ch. 11: 14.5			ch. 11: 12.5	ch. 11: 12.5

The below table is applicable in the following conditions:

- RSI = 0 (Body-Worn, Hotspot or Phablet)

Mode	Band		IEEE 802.11ax RU (in dBm)											
			SISO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna J			
			26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI	2.45 GHz	Maximum	10	13	16	17	10	13	16	17	8	11	14	15
					ch. 11: 15.5	ch. 11: 15.5			ch. 11: 15.5	ch. 11: 15.5			ch. 11: 13.5	ch. 11: 13.5
		Nominal	9	12	15	16	9	12	15	16	7	10	13	14
					ch. 11: 14.5	ch. 11: 14.5			ch. 11: 14.5	ch. 11: 14.5			ch. 11: 12.5	ch. 11: 12.5

The below table is applicable in the following conditions:

- RSI = 1 (Head)

Mode	Band		IEEE 802.11ax RU (in dBm)											
			SISO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna H				SISO in MIMO (in dBm)/Antenna J			
			26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI	2.45 GHz	Maximum	10	13	15	15	10	13	15	15	8	11	13	13
		Nominal	9	12	14	14	9	12	14	14	7	10	12	12

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I.2.2 5 GHz WLAN 802.11ax RU WLAN Output Power

The below table is applicable in the following conditions:

- Pmax
- RSI = 0 (Body-Worn, Hotspot or Phablet)

Mode	Band	IEEE 802.11ax (in dBm)																	
		SSB Antenna G								SSB in MIMO									
		Antenna G				Antenna L				Antenna G				Antenna L					
		28T	52T	100T	242T	484T	990T	990T*2	28T	52T	100T	242T	484T	990T	990T*2				
5 GHz WFI (20MHz BW)	Maximum	UNI-1	13.0	13.0	16.0	17.0	17.0	17.0	17.0	8.0	11.0	14.0	15.0	15.0	15.0	17.0	15.0		
		UNI-2A	15.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.5	15.5	15.0	13.0	16.0	17.0	
		UNI-3C	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	15.0	13.0	16.0	17.0	
		UNI-3	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	15.0	13.0	16.0	17.0	
		UNI-4	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	15.0	13.0	16.0	17.0	
		UNI-1	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
	Nominal	UNI-2A	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-3C	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-3	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-4	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-1	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-2A	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
5 GHz WFI (40MHz BW)	Maximum	UNI-1	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-2A	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-3C	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-3	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-4	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-1	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
	Nominal	UNI-2A	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-3C	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-3	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-4	9.0	12.0	15.0	16.0	14.5	14.5	14.5	7.0	10.0	13.0	14.0	14.0	9.0	12.0	15.0	16.0	
		UNI-1	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
		UNI-2A	10.0	13.0	16.0	17.0	15.5	15.5	15.5	8.0	11.0	14.0	15.0	15.0	14.0	13.0	16.0	17.0	
5 GHz WFI (80MHz BW)	Maximum	UNI-1	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-2A	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-3C	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-3	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-4	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-1	9.0	11.5	11.5	11.5	11.5	16.0	16.0	7.0	9.5	9.5	9.5	9.5	9.5	9.5	11.5	11.5	11.5
	Nominal	UNI-2A	9.0	11.5	11.5	11.5	11.5	16.0	16.0	7.0	9.5	9.5	9.5	9.5	9.5	9.5	11.5	11.5	11.5
		UNI-3C	9.0	11.5	11.5	11.5	11.5	16.0	16.0	7.0	9.5	9.5	9.5	9.5	9.5	9.5	11.5	11.5	11.5
		UNI-3	9.0	11.5	11.5	11.5	11.5	16.0	16.0	7.0	9.5	9.5	9.5	9.5	9.5	9.5	11.5	11.5	11.5
		UNI-4	9.0	11.5	11.5	11.5	11.5	16.0	16.0	7.0	9.5	9.5	9.5	9.5	9.5	9.5	11.5	11.5	11.5
		UNI-1	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5
		UNI-2A	10.0	12.5	12.5	12.5	12.5	17.0	17.0	8.0	10.5	10.5	10.5	10.5	10.5	10.5	12.5	12.5	12.5

The below table is applicable in the following conditions:

- RSI = 1 (Head)

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I.2.3 6 GHz WLAN 802.11ax RU WLAN Output Power

The below table is applicable in the following conditions:

- Pmax
- RSI = 0 (Body-Worn, Hotspot or Phablet)
- RSI = 1 (Head)

Mode	Band		IEEE 802.11ax RU 100 MHz																					
			SSB in MIMO												SSB in MIMO									
			Antenna G						Antenna E						Antenna G						Antenna E			
			20T	20T	100T	20T	40T	100T	20T	20T	100T	40T	100T	20T	20T	100T	40T	100T	20T	20T	100T	40T	100T	20T
E GHz WPI (20MHz BW) - LTP	Maximum	UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
	Normal	UW-S	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-E	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-T	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
E GHz WPI (40MHz BW) - LTP	Maximum	UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
	Normal	UW-S	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-E	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-T	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
E GHz WPI (80MHz BW) - LTP	Maximum	UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
	Normal	UW-S	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-E	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-T	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
E GHz WPI (160MHz BW) - LTP	Maximum	UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
	Normal	UW-S	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-E	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-T	-2.5	3.0	5.5	9.0			-3.5	0.0	3.0	6.0		-2.5	3.0	5.5	9.0		-2.5	3.0	5.5	9.0		
		UW-S	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-E	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		
		UW-T	0.5	4.0	5.5	10.0			2.5	1.0	4.0	7.0		0.5	4.0	5.5	10.0		0.5	4.0	5.5	10.0		

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RF EXPOSURE PART 1 TEST REPORT

Approved by:

Technical Manager

DUT Type:
Portable Handset

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APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71 Antenna A

Table H- 1
LTE Band 71 Ant A Measured P_{Max} for RSI = 1 (Head) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.05	0	0
	1	36	23.84		0
	1	74	23.86		0
	36	0	22.99	0-1	1
	36	18	22.87		1
	36	37	22.95		1
	75	0	22.92		1
16QAM	1	0	22.82	0-1	1
	1	36	22.69		1
	1	74	22.63		1
	36	0	22.01	0-2	2
	36	18	21.91		2
	36	37	21.93		2
	75	0	21.93		2
64QAM	1	0	22.24	0-2	2
	1	36	21.93		2
	1	74	22.00		2
	36	0	21.04	0-3	3
	36	18	20.86		3
	36	37	20.84		3
	75	0	20.89		3
256QAM	1	0	19.16	0-5	5
	1	36	18.89		5
	1	74	18.98		5
	36	0	18.92		5
	36	18	18.96		5
	36	37	18.84		5
	75	0	18.89		5

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Table H- 2
LTE Band 71 Ant A Measured P_{Max} for RSI = 1 (Head) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.17	23.99	24.00	0	0
	1	25	23.93	23.80	23.78		0
	1	49	24.09	23.88	23.81		0
	25	0	23.09	22.99	22.86	0-1	1
	25	12	23.05	23.02	22.87		1
	25	25	22.99	22.90	22.82		1
	50	0	23.05	22.99	22.83		1
16QAM	1	0	22.89	22.75	22.70	0-1	1
	1	25	22.79	22.63	22.62		1
	1	49	22.90	22.63	22.64		1
	25	0	22.11	21.96	21.84	0-2	2
	25	12	22.01	21.92	21.78		2
	25	25	22.03	21.93	21.81		2
	50	0	22.04	21.89	21.81		2
64QAM	1	0	22.16	22.14	22.08	0-2	2
	1	25	22.17	21.98	22.01		2
	1	49	22.17	21.98	21.92		2
	25	0	21.07	20.97	20.87	0-3	3
	25	12	21.08	20.93	20.87		3
	25	25	21.05	20.85	20.76		3
	50	0	21.08	21.00	20.94		3
256QAM	1	0	19.27	19.10	18.95	0-5	5
	1	25	18.99	18.87	18.79		5
	1	49	19.05	18.93	18.83		5
	25	0	19.07	18.91	18.80		5
	25	12	19.05	18.92	18.80		5
	25	25	18.97	18.82	18.77		5
	50	0	19.01	18.92	18.82		5

Table H- 3
LTE Band 71 Ant A Measured P_{Max} for RSI = 1 (Head) – 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.21	23.98	23.97	0	0
	1	12	23.98	23.81	23.74		0
	1	24	24.13	23.93	23.78		0
	12	0	23.15	22.96	22.88	0-1	1
	12	6	23.09	22.97	22.87		1
	12	13	23.05	22.87	22.81		1
	25	0	23.10	22.93	22.80		1
16QAM	1	0	22.88	22.84	22.77	0-1	1
	1	12	22.95	22.87	22.85		1
	1	24	22.86	22.74	22.64		1
	12	0	22.12	21.98	21.86	0-2	2
	12	6	22.14	21.98	21.92		2
	12	13	22.16	21.95	21.78		2
	25	0	22.06	21.88	21.81		2
64QAM	1	0	22.31	22.16	22.07	0-2	2
	1	12	22.12	22.02	21.96		2
	1	24	22.18	22.11	21.95		2
	12	0	21.12	20.96	20.96	0-3	3
	12	6	21.12	20.95	20.83		3
	12	13	21.11	20.97	20.85		3
	25	0	21.07	20.89	20.75		3
256QAM	1	0	19.16	19.04	18.85	0-5	5
	1	12	19.09	18.92	18.70		5
	1	24	19.16	18.96	18.83		5
	12	0	19.07	18.88	18.76		5
	12	6	19.07	18.90	18.75		5
	12	13	19.05	18.87	18.69		5
	25	0	19.07	18.91	18.74		5

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Table H- 4

LTE Band 71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297.0 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	21.41	0	0
	1	36	21.24		0
	1	74	21.32		0
	36	0	21.44	0-1	0
	36	18	21.42		0
	36	37	21.39		0
16QAM	75	0	21.44	0-1	0
	1	0	21.61		0
	1	36	21.45		0
	1	74	21.53	0-2	0
	36	0	21.37		0
	36	18	21.35		0
64QAM	36	37	21.33	0-2	0
	75	0	21.42		0
	1	0	21.44	0-2	0
	1	36	21.28		0
	1	74	21.40		0
	36	0	20.74	0-3	1
256QAM	36	18	20.71		1
	36	37	20.70		1
	75	0	20.69	0-5	1
	1	0	18.79		3
	1	36	18.61		3
	1	74	18.69		3
256QAM	36	0	18.76	0-5	3
	36	18	18.75		3
	36	37	18.72		3
	75	0	18.71		3

Table H- 5

LTE Band 71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172.0 (668.0 MHz)	133297.0 (680.5 MHz)	133422.0 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.37	21.35	21.35	0	0
	1	25	21.27	21.25	21.23		0
	1	49	21.24	21.24	21.25		0
	25	0	21.38	21.38	21.38	0-1	0
	25	12	21.31	21.33	21.30		0
	25	25	21.29	21.29	21.27		0
16QAM	50	0	21.37	21.34	21.34	0-1	0
	1	0	21.58	21.58	21.58		0
	1	25	21.51	21.49	21.47		0
	1	49	21.43	21.43	21.39	0-2	0
	25	0	21.34	21.34	21.35		0
	25	12	21.31	21.30	21.30		0
64QAM	25	25	21.27	21.26	21.26	0-2	0
	50	0	21.35	21.35	21.33		0
	1	0	21.46	21.45	21.47		0-2
	1	25	21.34	21.36	21.36	0	
	1	49	21.29	21.28	21.26	0-3	
	25	0	20.70	20.70	20.69		1
256QAM	25	12	20.64	20.64	20.64		0-3
	25	25	20.61	20.61	20.61	1	
	50	0	20.59	20.59	20.59	1	
	1	0	18.73	18.73	18.73	0-5	3
	1	25	18.53	18.54	18.54		3
	1	49	18.61	18.61	18.59		3
25	0	18.73	18.72	18.73	3		
25	12	18.69	18.68	18.68	3		
25	25	18.61	18.61	18.60	3		
	50	0	18.69	18.70	18.68	3	

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Table H- 6
LTE Band 71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147.0 (665.5 MHz)	133297.0 (680.5 MHz)	133447.0 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.49	21.33	21.42	0	0
	1	12	21.20		21.39		0
	1	24	21.46	21.37	21.36		0
	12	0	21.54	21.34	21.33	0-1	0
	12	6	21.53	21.36	21.30		0
	12	13	21.53	21.35	21.29		0
	25	0	21.54	21.34	21.35		0
16QAM	1	0	21.52	21.61	21.68	0-1	0
	1	12	21.42	21.58	21.56		0
	1	24	21.52	21.65	21.56		0
	12	0	21.51	21.40	21.39	0-2	0
	12	6	21.51	21.38	21.37		0
	12	13	21.49	21.39	21.34		0
	25	0	21.54	21.27	21.29		0
64QAM	1	0	21.80	21.73	21.44	0-2	0
	1	12	21.83	21.67	21.22		0
	1	24	21.87	21.71	21.32		0
	12	0	20.90	20.70	20.69	0-3	1
	12	6	20.92	20.69	20.67		1
	12	13	20.93	20.68	20.64		1
	25	0	20.80	20.54	20.60		1
256QAM	1	0	19.16	18.90	19.09	0-5	3
	1	12	19.15	18.84	18.90		3
	1	24	19.17	18.95	19.00		3
	12	0	18.78	18.65	18.65		3
	12	6	18.81	18.65	18.63		3
	12	13	18.80	18.63	18.61		3
	25	0	18.81	18.65	18.64		3

H.1.2 LTE Band 71 Antenna E

Table H- 7
LTE Band 71 Ant E Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297.0 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	18.76	0	0
	1	36	18.55		0
	1	74	18.66		0
	36	0	18.77	0-1	0
	36	18	18.72		0
	36	37	18.71		0
16QAM	75	0	18.75	0-1	0
	1	0	18.99		0
	1	36	18.75		0
	1	74	18.86	0-2	0
	36	0	18.72		0
	36	18	18.65		0
64QAM	36	37	18.63	0-2	0
	75	0	18.74		0
	1	0	18.80	0-2	0
	1	36	18.61		0
	1	74	18.74		0
	36	0	18.77	0-3	0
256QAM	36	18	18.74		0
	75	0	18.69		0
	1	0	18.35	0-5	0.5
	1	36	18.01		0.5
	1	74	17.95		0.5
	36	0	18.20		0.5
	36	18	18.15		0.5
	36	37	18.08		0.5
	75	0	18.11		0.5

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Table H- 8
LTE Band 71 Ant E Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172.0 (668.0 MHz)	133297.0 (680.5 MHz)	133422.0 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.66	18.94	18.66	0	0
	1	25	18.58	18.58	18.57		0
	1	49	18.56	18.56	18.56		0
	25	0	18.71	18.70	18.70	0-1	0
	25	12	18.61	18.61	18.63		0
	25	25	18.58	18.61	18.61		0
	50	0	18.68	18.66	18.68	0	
16QAM	1	0	18.88	18.89	18.92	0-1	0
	1	25	18.81	18.79	18.82		0
	1	49	18.77	18.76	18.78		0
	25	0	18.68	18.69	18.69	0-2	0
	25	12	18.63	18.63	18.63		0
	25	25	18.58	18.59	18.61		0
	50	0	18.68	18.70	18.71	0	
64QAM	1	0	18.78	18.77	18.77	0-2	0
	1	25	18.70	18.70	18.70		0
	1	49	18.60	18.61	18.60		0
	25	0	18.70	18.71	18.71	0-3	0
	25	12	18.66	18.67	18.67		0
	25	25	18.65	18.65	18.61		0
	50	0	18.62	18.63	18.63	0	
256QAM	1	0	18.37	18.46	17.98	0-5	0.5
	1	25	18.14	18.27	17.76		0.5
	1	49	18.15	18.23	17.80		0.5
	25	0	18.57	18.14	17.93		0.5
	25	12	18.48	18.08	17.88		0.5
	25	25	18.46	18.04	17.84		0.5
	50	0	18.44	18.10	17.94		0.5

Table H- 9
LTE Band 71 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147.0 (665.5 MHz)	133297.0 (680.5 MHz)	133447.0 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.91	18.75	18.76	0	0
	1	12	18.54	18.65	18.71		0
	1	24	18.77	18.70	18.69		0
	12	0	18.92	18.63	18.65	0-1	0
	12	6	18.87	18.62	18.62		0
	12	13	18.84	18.63	18.60		0
	25	0	18.89	18.67	18.63		0
16QAM	1	0	18.97	18.96	19.05	0-1	0
	1	12	18.78	18.88	18.91		0
	1	24	18.87	19.01	18.94		0
	12	0	18.92	18.74	18.73	0-2	0
	12	6	18.89	18.73	18.72		0
	12	13	18.85	18.74	18.70		0
	25	0	18.95	18.62	18.64		0
64QAM	1	0	19.23	19.08	18.80	0-2	0
	1	12	19.20	19.01	18.56		0
	1	24	19.24	18.93	18.65		0
	12	0	18.99	18.72	18.75	0-3	0
	12	6	18.97	18.70	18.67		0
	12	13	18.97	18.70	18.63		0
	25	0	18.86	18.54	18.63		0
256QAM	1	0	18.86	18.38	18.27	0-5	0.5
	1	12	18.82	18.23	18.10		0.5
	1	24	18.79	18.30	18.14		0.5
	12	0	18.49	18.11	17.85		0.5
	12	6	18.46	18.02	17.80		0.5
	12	13	18.44	18.01	17.79		0.5
	25	0	18.50	18.01	17.81		0.5

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H.1.3 LTE Band 12 Antenna A

Table H- 10
LTE Band 12 Ant A Measured P_{Max} for RSI = 1 (Head) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.00	24.41	24.69	0	0
	1	12	23.91	24.66	24.62		0
	1	24	24.10	24.78	24.65		0
	12	0	23.24	23.30	23.34	0-1	1
	12	6	23.21	23.29	23.34		1
	12	13	23.25	23.34	23.38		1
	25	0	23.26	23.33	23.36		1
16QAM	1	0	23.24	22.99	23.44	0-1	1
	1	12	23.21	23.04	23.48		1
	1	24	23.22	23.07	23.37		1
	12	0	22.15	22.49	22.47	0-2	2
	12	6	22.14	22.52	22.45		2
	12	13	22.13	22.53	22.46		2
	25	0	22.35	22.40	22.27		2
64QAM	1	0	22.21	22.53	22.74	0-2	2
	1	12	22.09	22.36	22.65		2
	1	24	22.18	22.59	22.71		2
	12	0	21.39	21.23	21.25	0-3	3
	12	6	21.34	21.24	21.19		3
	12	13	21.34	21.30	21.18		3
	25	0	21.29	21.24	21.52		3
256QAM	1	0	19.52	19.44	19.94	0-5	5
	1	12	19.46	19.39	19.76		5
	1	24	19.50	19.46	19.87		5
	12	0	19.30	19.36	19.40		5
	12	6	19.26	19.39	19.35		5
	12	13	19.31	19.42	19.36		5
	25	0	18.96	19.11	19.49		5

Table H- 11
LTE Band 12 Ant A Measured P_{Max} for RSI = 1 (Head) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.91	24.21	24.12	0	0
	1	7	24.38	24.23	23.82		0
	1	14	24.38	24.29	23.92		0
	8	0	23.40	23.44	23.39	0-1	1
	8	4	23.34	23.40	23.32		1
	8	7	23.36	23.45	23.36		1
	15	0	23.19	23.32	23.36		1
16QAM	1	0	23.21	23.62	23.14	0-1	1
	1	7	23.26	23.56	23.07		1
	1	14	23.19	23.66	23.10		1
	8	0	22.61	22.23	22.64	0-2	2
	8	4	22.61	22.20	22.58		2
	8	7	22.63	22.25	22.60		2
	15	0	21.99	22.37	22.24		2
64QAM	1	0	22.37	22.10	22.28	0-2	2
	1	7	22.19	22.04	22.07		2
	1	14	22.32	22.12	22.24		2
	8	0	21.18	21.08	21.46	0-3	3
	8	4	21.17	21.10	21.31		3
	8	7	21.16	21.11	21.34		3
	15	0	21.00	21.12	21.42		3
256QAM	1	0	19.55	19.35	19.66	0-5	5
	1	7	19.52	19.40	19.65		5
	1	14	19.53	19.43	19.64		5
	8	0	19.36	19.26	19.71		5
	8	4	19.32	19.31	19.61		5
	8	7	19.37	19.32	19.60		5
	15	0	19.19	19.19	19.46		5

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Table H- 12
LTE Band 12 Ant A Measured P_{Max} for RSI = 1 (Head) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.01	24.01	24.45	0	0
	1	2	24.89	24.39	24.10		0
	1	5	24.66	24.70	24.17		0
	3	0	24.56	24.58	24.36		0
	3	2	24.38	24.41	24.37		0
	3	3	24.59	24.61	24.45		0
	6	0	23.21	23.25	23.25		0-1
16QAM	1	0	23.53	23.50	23.76	0-1	1
	1	2	23.71	23.70	23.10		1
	1	5	23.53	23.54	23.54		1
	3	0	23.97	23.95	22.90		1
	3	2	23.93	23.94	23.36		1
	3	3	23.99	24.01	23.58		1
	6	0	22.26	22.27	21.98		0-2
64QAM	1	0	22.57	22.59	22.24	0-2	2
	1	2	22.55	22.56	22.27		2
	1	5	22.60	22.59	21.87		2
	3	0	22.47	22.37	22.75		2
	3	2	22.54	22.33	22.22		2
	3	3	22.65	22.46	22.78		2
	6	0	21.64	21.22	21.26		0-3
256QAM	1	0	19.53	19.44	18.88	0-5	5
	1	2	19.56	19.56	18.91		5
	1	5	19.60	19.55	19.36		5
	3	0	19.54	19.66	19.22		5
	3	2	19.42	19.39	19.06		5
	3	3	19.63	19.65	19.25		5
	6	0	19.26	19.30	19.29		5

Table H- 13
LTE Band 12 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035.0 (701.5 MHz)	23095.0 (707.5 MHz)	23155.0 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.29	21.51	21.50	0	0
	1	12	21.03	21.51	21.55		0
	1	24	21.32	21.53	21.49		0
	12	0	21.35	21.40	21.39	0-1	0
	12	6	21.36	21.41	21.40		0
	12	13	21.34	21.42	21.37		0
	25	0	21.37	21.41	21.40		0
16QAM	1	0	21.44	21.79	21.82	0-1	0
	1	12	21.31	21.80	21.75		0
	1	24	21.40	21.84	21.72		0
	12	0	21.40	21.54	21.52	0-2	0
	12	6	21.39	21.54	21.47		0
	12	13	21.39	21.57	21.51		0
	25	0	21.39	21.44	21.43		0
64QAM	1	0	21.75	21.87	21.53	0-2	0
	1	12	21.79	21.86	21.34		0
	1	24	21.80	21.90	21.45		0
	12	0	21.28	21.29	21.28	0-3	0.5
	12	6	21.27	21.31	21.26		0.5
	12	13	21.29	21.33	21.27		0.5
	25	0	21.15	21.15	21.23		0.5
256QAM	1	0	19.49	19.51	19.68	0-5	2.5
	1	12	19.48	19.49	19.46		2.5
	1	24	19.52	19.58	19.54		2.5
	12	0	19.11	19.19	19.21		2.5
	12	6	19.10	19.20	19.20		2.5
	12	13	19.08	19.23	19.15		2.5
	25	0	19.12	19.19	19.20		2.5

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Table H- 14
LTE Band 12 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025.0 (700.5 MHz)	23095.0 (707.5 MHz)	23165.0 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.38	21.41	21.37	0	0
	1	7	21.34	21.39	21.34		0
	1	14	21.31	21.45	21.41		0
	8	0	21.38	21.39	21.36	0-1	0
	8	4	21.30	21.38	21.33		0
	8	7	21.30	21.41	21.35		0
	15	0	21.32	21.42	21.39		0
16QAM	1	0	21.07	21.76	21.68	0-1	0
	1	7	20.95	21.68	21.63		0
	1	14	21.00	21.70	21.70		0
	8	0	21.38	21.34	21.50	0-2	0
	8	4	21.37	21.38	21.51		0
	8	7	21.41	21.37	21.46		0
	15	0	21.32	21.47	21.40		0
64QAM	1	0	21.57	21.59	21.41	0-2	0
	1	7	21.48	21.37	21.19		0
	1	14	21.55	21.64	21.34		0
	8	0	21.15	21.32	21.24	0-3	0.5
	8	4	21.15	21.32	21.16		0.5
	8	7	21.10	21.34	21.17		0.5
	15	0	21.13	21.26	21.21		0.5
256QAM	1	0	19.07	19.58	19.25	0-5	2.5
	1	7	19.01	19.57	19.25		2.5
	1	14	19.01	19.60	19.26		2.5
	8	0	19.12	19.21	19.21		2.5
	8	4	19.13	19.12	19.19		2.5
	8	7	19.08	19.25	19.10		2.5
	15	0	19.09	19.14	19.18		2.5

Table H- 15
LTE Band 12 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017.0 (699.7 MHz)	23095.0 (707.5 MHz)	23173.0 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.38	21.36	21.36	0	0
	1	2	21.26	21.24	21.36		0
	1	5	21.42	21.43	21.35		0
	3	0	21.40	21.41	21.34		0
	3	2	21.38	21.38	21.33		0
	3	3	21.42	21.42	21.36		0
	6	0	21.33	21.31	21.31		0
16QAM	1	0	21.57	21.64	21.06	0-1	0
	1	2	21.74	21.73	21.09		0
	1	5	21.66	21.62	21.08	0-1	0
	3	0	21.63	21.53	21.40		0
	3	2	21.51	21.46	21.41		0
	3	3	21.49	21.48	21.39		0
	6	0	21.40	21.40	21.44		0
64QAM	1	0	21.79	21.85	21.64	0-2	0
	1	2	22.02	21.95	21.55		0
	1	5	21.81	21.81	21.60	0-2	0
	3	0	21.58	21.62	21.40		0
	3	2	21.55	21.56	21.26		0
	3	3	21.55	21.56	21.29		0
	6	0	21.17	21.08	20.88		0.5
256QAM	1	0	19.32	19.35	19.01	0-5	2.5
	1	2	19.41	19.48	19.17		2.5
	1	5	19.33	19.35	19.04		2.5
	3	0	19.20	19.22	19.10		2.5
	3	2	18.92	18.93	18.94		2.5
	3	3	19.17	19.12	18.97		2.5
	6	0	19.08	19.04	19.13		2.5

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H.1.4 LTE Band 12 Antenna E

Table H- 16
LTE Band 12 Ant E Measured P_{limit} for all RSI - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035.0 (701.5 MHz)	23095.0 (707.5 MHz)	23155.0 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.55	18.78	18.79	0	0
	1	12	18.26	18.74	18.76		0
	1	24	18.60	18.75	18.74		0
	12	0	18.58	18.68	18.66	0-1	0
	12	6	18.58	18.68	18.64		0
	12	13	18.59	18.70	18.60		0
	25	0	18.63	18.66	18.66		0
16QAM	1	0	18.69	19.04	19.07	0-1	0
	1	12	18.58	19.05	18.99		0
	1	24	18.68	19.10	18.95		0
	12	0	18.66	18.80	18.78	0-2	0
	12	6	18.64	18.79	18.73		0
	12	13	18.64	18.82	18.73		0
	25	0	18.67	18.67	18.66		0
64QAM	1	0	19.04	19.15	18.80	0-2	0
	1	12	19.09	19.12	18.60		0
	1	24	19.09	19.15	18.65		0
	12	0	18.71	18.76	18.73	0-3	0
	12	6	18.72	18.75	18.73		0
	12	13	18.75	18.76	18.70		0
	25	0	18.62	18.60	18.65		0
256QAM	1	0	18.75	18.75	18.95	0-5	0
	1	12	18.77	18.76	18.70		0
	1	24	18.79	18.80	18.78		0
	12	0	18.36	18.46	18.45		0
	12	6	18.36	18.44	18.43		0
	12	13	18.38	18.49	18.39		0
	25	0	18.40	18.47	18.46		0

Table H- 17
LTE Band 12 Ant E Measured P_{limit} for all RSI - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025.0 (700.5 MHz)	23095.0 (707.5 MHz)	23165.0 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.70	18.72	18.66	0	0
	1	7	18.61	18.73	18.56		0
	1	14	18.58	18.66	18.68		0
	8	0	18.63	18.67	18.60	0-1	0
	8	4	18.59	18.65	18.58		0
	8	7	18.58	18.66	18.61		0
	15	0	18.57	18.65	18.62		0
16QAM	1	0	18.36	19.00	18.96	0-1	0
	1	7	18.19	18.94	18.89		0
	1	14	18.29	18.94	18.94		0
	8	0	18.68	18.61	18.75	0-2	0
	8	4	18.66	18.63	18.72		0
	8	7	18.70	18.61	18.69		0
	15	0	18.60	18.73	18.64		0
64QAM	1	0	18.86	18.84	18.66	0-2	0
	1	7	18.75	18.64	18.45		0
	1	14	18.81	18.90	18.57		0
	8	0	18.64	18.77	18.65	0-3	0
	8	4	18.63	18.79	18.59		0
	8	7	18.56	18.78	18.59		0
	15	0	18.59	18.70	18.66		0
256QAM	1	0	18.34	18.83	18.49	0-5	0
	1	7	18.27	18.81	18.50		0
	1	14	18.30	18.82	18.50		0
	8	0	18.40	18.46	18.45		0
	8	4	18.41	18.40	18.44		0
	8	7	18.39	18.50	18.37		0
	15	0	18.36	18.41	18.43		0

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Table H- 18
LTE Band 12 Ant E Measured P_{limit} for all RSI – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017.0 (699.7 MHz)	23095.0 (707.5 MHz)	23173.0 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.58	18.68	18.59	0	0
	1	2	18.60	18.76	18.43		0
	1	5	18.60	18.70	18.62		0
	3	0	18.58	18.69	18.57		0
	3	2	18.52	18.60	18.56		0
	3	3	18.58	18.62	18.59		0
16QAM	6	0	18.53	18.62	18.50	0-1	0
	1	0	18.32	18.91	18.79	0-1	0
	1	2	18.32	19.12	18.91		0
	1	5	18.32	19.03	18.81		0
	3	0	18.61	18.83	18.75		0
	3	2	18.65	18.77	18.64		0
64QAM	3	3	18.60	18.81	18.62	0-2	0
	6	0	18.69	18.66	18.58		0
	1	0	18.86	18.83	18.97	0-2	0
	1	2	18.75	19.00	19.14		0
	1	5	18.85	18.82	18.97		0
	3	0	18.63	18.49	18.74		0
3	2	18.49	18.63	18.69	0		
256QAM	3	3	18.53	18.67	18.71	0-3	0
	6	0	18.33	18.52	18.57		0
	1	0	18.25	18.77	18.51	0-5	0
	1	2	18.37	18.78	18.62		0
	1	5	18.28	18.82	18.47		0
	3	0	18.34	18.31	18.39		0
3	2	18.18	18.32	18.15	0		
3	3	18.20	18.30	18.35	0		
	6	0	18.40	18.48	18.28		0

H.1.5 LTE Band 13 Antenna A

Table H- 19
LTE Band 13 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.94	0	0
	1	12	23.81		0
	1	24	23.85		0
	12	0	22.95		1
	12	6	22.96		1
	12	13	22.95		1
16QAM	25	0	22.83	0-1	1
	1	0	23.24		1
	1	12	23.47		1
	1	24	23.14		1
	12	0	22.07		2
	12	6	22.10	0-2	2
64QAM	12	13	21.98		2
	25	0	21.90		2
	1	0	22.25		2
	1	12	22.10		2
	1	24	22.04		2
	12	0	21.05	0-3	3
256QAM	12	6	20.99		3
	12	13	20.99		3
	25	0	20.96		3
	1	0	19.03	0-5	5
	1	12	18.94		5
	1	24	18.98		5
256QAM	12	0	18.92		5
	12	6	18.95		5
	12	13	18.85		5
	25	0	18.87		5

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Table H- 20
LTE Band 13 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230.0 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	21.92	0	0
	1	12	21.96		0
	1	24	21.96		0
	12	0	21.81	0-1	0
	12	6	21.87		0
	12	13	21.87		0
	25	0	21.82		0
16QAM	1	0	22.14	0-1	0
	1	12	22.18		0
	1	24	22.17		0
	12	0	21.86	0-2	0
	12	6	21.85		0
	12	13	21.89		0
	25	0	21.80		0
64QAM	1	0	21.94	0-2	0
	1	12	21.79		0
	1	24	21.89		0
	12	0	21.10	0-3	1
	12	6	21.12		1
	12	13	21.12		1
	25	0	21.07		1
256QAM	1	0	19.41	0-5	3
	1	12	19.23		3
	1	24	19.36		3
	12	0	18.96		3
	12	6	19.00		3
	12	13	19.02		3
	25	0	18.97		3

H.1.6 LTE Band 13 Antenna E

Table H- 21
LTE Band 13 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230.0 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	18.60	0	0
	1	12	18.62		0
	1	24	18.82		0
	12	0	18.57	0-1	0
	12	6	18.56		0
	12	13	18.51		0
	25	0	18.54		0
16QAM	1	0	18.82	0-1	0
	1	12	18.76		0
	1	24	18.75		0
	12	0	18.56	0-2	0
	12	6	18.50		0
	12	13	18.49		0
	25	0	18.45		0
64QAM	1	0	18.66	0-2	0
	1	12	18.44		0
	1	24	18.52		0
	12	0	18.53	0-3	0
	12	6	18.53		0
	12	13	18.43		0
	25	0	18.43		0
256QAM	1	0	18.19	0-5	0.5
	1	12	18.05		0.5
	1	24	18.21		0.5
	12	0	17.78		0.5
	12	6	17.81		0.5
	12	13	17.85		0.5
	25	0	17.81		0.5

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H.1.7 LTE Band 14 Antenna A

Table H- 22
LTE Band 14 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.22	0	0
	1	12	24.18		0
	1	24	23.97		0
	12	0	23.46	0-1	1
	12	6	23.40		1
	12	13	23.45		1
	25	0	23.47		1
16QAM	1	0	23.46	0-1	1
	1	12	23.58		1
	1	24	23.54		1
	12	0	22.14	0-2	2
	12	6	22.18		2
	12	13	22.24		2
	25	0	22.44		2
64QAM	1	0	22.34	0-2	2
	1	12	22.29		2
	1	24	22.41		2
	12	0	21.34	0-3	3
	12	6	21.40		3
	12	13	21.42		3
	25	0	21.34		3
256QAM	1	0	19.34	0-5	5
	1	12	19.43		5
	1	24	19.39		5
	12	0	19.45		5
	12	6	19.45		5
	12	13	19.18		5
	25	0	19.22		5

Table H- 23
LTE Band 14 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330.0 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	22.28	0	0
	1	12	22.24		0
	1	24	22.18		0
	12	0	22.22	0-1	0
	12	6	22.22		0
	12	13	22.21		0
	25	0	22.19		0
16QAM	1	0	22.40	0-1	0
	1	12	22.43		0
	1	24	22.62		0
	12	0	21.99	0-2	0
	12	6	22.17		0
	12	13	22.39		0
	25	0	22.27		0
64QAM	1	0	22.13	0-2	0
	1	12	22.27		0
	1	24	22.70		0
	12	0	21.71	0-3	1
	12	6	21.65		1
	12	13	21.60		1
	25	0	21.44		1
256QAM	1	0	19.86	0-5	3
	1	12	19.73		3
	1	24	19.69		3
	12	0	19.44		3
	12	6	19.38		3
	12	13	19.36		3
	25	0	19.38		3

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H.1.8 LTE Band 14 Antenna E

Table H- 24
LTE Band 14 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330.0 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	19.25	0	0
	1	12	19.05		0
	1	24	19.09		0
	12	0	19.20	0-1	0
	12	6	19.17		0
	12	13	19.14		0
	25	0	19.16		0
16QAM	1	0	19.08	0-1	0
	1	12	19.05		0
	1	24	19.08		0
	12	0	19.23	0-2	0
	12	6	19.19		0
	12	13	19.19		0
	25	0	19.21		0
64QAM	1	0	19.61	0-2	0
	1	12	19.61		0
	1	24	19.56		0
	12	0	19.31	0-3	0
	12	6	19.28		0
	12	13	19.25		0
	25	0	19.19		0
256QAM	1	0	18.82	0-5	0.5
	1	12	18.77		0.5
	1	24	18.78		0.5
	12	0	18.44		0.5
	12	6	18.42		0.5
	12	13	18.41		0.5
	25	0	18.44		0.5

H.1.9 LTE Band 26 Antenna A

Table H- 25
LTE Band 26 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

LTE Band 26 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740.0 (819.0 MHz)	26865.0 (831.5 MHz)	26990.0 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.76	24.75	24.77	0	0
	1	25	24.53	24.57	24.55		0
	1	49	24.72	24.94	24.92		0
	25	0	23.59	23.60	23.59	0-1	1
	25	12	23.73	23.74	23.74		1
	25	25	23.64	23.66	23.63		1
	50	0	23.76	23.75	23.76		1
16QAM	1	0	23.63	23.65	23.62	0-1	1
	1	25	23.49	23.59	23.60		1
	1	49	23.95	23.80	23.95		1
	25	0	22.44	22.46	22.46	0-2	2
	25	12	22.75	22.69	22.68		2
	25	25	22.61	22.61	22.58		2
	50	0	22.72	22.73	22.71		2
64QAM	1	0	22.79	22.68	22.75	0-2	2
	1	25	22.64	22.63	22.56		2
	1	49	22.67	22.85	22.82		2
	25	0	21.78	21.76	21.75	0-3	3
	25	12	21.68	21.70	21.66		3
	25	25	21.57	21.58	21.57		3
	50	0	21.71	21.73	21.74		3
256QAM	1	0	19.83	19.89	19.91	0-5	5
	1	25	19.75	19.68	19.64		5
	1	49	19.28	19.31	19.31		5
	25	0	19.68	19.75	19.68		5
	25	12	19.73	19.73	19.99		5
	25	25	19.66	19.64	19.63		5
	50	0	19.74	19.69	19.71		5

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Table H- 26
LTE Band 26 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 26 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715.0 (816.5 MHz)	26865.0 (831.5 MHz)	27015.0 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.32	24.69	24.80	0	0
	1	12	24.17	24.60	24.62		0
	1	24	24.37	24.79	24.60		0
	12	0	23.34	23.77	23.86	0-1	1
	12	6	23.38	23.77	23.81		1
	12	13	23.42	23.80	23.78		1
	25	0	23.33	23.80	23.80		1
16QAM	1	0	23.46	23.65	23.78	0-1	1
	1	12	23.68	23.71	23.85		1
	1	24	23.60	23.77	23.64		1
	12	0	22.27	22.65	22.82	0-2	2
	12	6	22.30	22.74	22.79		2
	12	13	22.30	22.73	22.72		2
	25	0	22.19	22.68	22.71		2
64QAM	1	0	22.44	22.71	22.85	0-2	2
	1	12	22.29	22.67	22.72		2
	1	24	22.44	22.87	22.75		2
	12	0	21.20	21.60	21.75	0-3	3
	12	6	21.19	21.59	21.71		3
	12	13	21.21	21.65	21.64		3
	25	0	21.18	21.66	21.69		3
256QAM	1	0	19.27	19.72	19.86	0-5	5
	1	12	19.34	19.72	19.72		5
	1	24	19.39	19.83	19.71		5
	12	0	19.21	19.67	19.70		5
	12	6	19.28	19.68	19.73		5
	12	13	19.25	19.71	19.68		5
	25	0	19.20	19.67	19.69		5

Table H- 27
LTE Band 26 Ant A Measured P_{max} for RSI = 1(Head) – 3 MHz Bandwidth

LTE Band 26 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705.0 (815.5 MHz)	26865.0 (831.5 MHz)	27025.0 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.22	24.30	24.47	0	0
	1	7	24.04	24.22	24.23		0
	1	14	24.13	24.38	24.15		0
	8	0	23.19	23.38	23.42	0-1	1
	8	4	23.08	23.33	23.28		1
	8	7	23.18	23.37	23.30		1
	15	0	23.11	23.36	23.42		1
16QAM	1	0	23.44	23.64	23.66	0-1	1
	1	7	23.72	23.49	23.75		1
	1	14	23.48	23.63	23.42		1
	8	0	22.28	22.41	22.46	0-2	2
	8	4	22.34	22.44	22.43		2
	8	7	22.25	22.43	22.39		2
	15	0	22.12	22.40	22.32		2
64QAM	1	0	22.37	22.51	22.66	0-2	2
	1	7	22.36	22.48	22.46		2
	1	14	22.50	22.64	22.47		2
	8	0	21.18	21.35	21.36	0-3	3
	8	4	21.25	21.35	21.33		3
	8	7	21.20	21.37	21.33		3
	15	0	21.16	21.41	21.38		3
256QAM	1	0	19.14	19.37	19.50	0-5	5
	1	7	19.17	19.34	19.31		5
	1	14	19.21	19.44	19.33		5
	8	0	19.17	19.37	19.33		5
	8	4	19.12	19.34	19.34		5
	8	7	19.15	19.38	19.31		5
	15	0	19.13	19.26	19.31		5

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Table H- 28
LTE Band 26 Ant A Measured P_{max} for RSI = 1(Head) – 1.4 MHz Bandwidth

LTE Band 26 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697.0 (814.7 MHz)	26865.0 (831.5 MHz)	27033.0 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.56	24.58	24.50	0	0
	1	2	24.50	24.72	24.49		0
	1	5	24.21	24.65	24.55		0
	3	0	24.07	23.91	24.59		0
	3	2	24.09	23.89	23.88		0
	3	3	24.12	23.81	23.85		0
	6	0	23.75	23.75	23.79		1
16QAM	1	0	23.59	23.67	23.56	0-1	1
	1	2	23.63	23.69	23.64		1
	1	5	23.45	23.71	23.60		1
	3	0	22.95	22.94	22.95		1
	3	2	22.92	22.94	22.91		1
	3	3	22.89	22.87	22.87		1
	6	0	22.65	22.75	22.79		2
64QAM	1	0	22.71	22.50	22.58	0-2	2
	1	2	22.73	22.78	22.63		2
	1	5	22.63	22.63	22.57		2
	3	0	21.86	21.90	21.85		2
	3	2	21.90	21.85	21.88		2
	3	3	21.80	21.90	21.80		2
	6	0	21.74	21.78	21.72		3
256QAM	1	0	19.75	19.73	19.73	0-3	5
	1	2	19.62	19.66	19.65		5
	1	5	19.60	19.57	19.57		5
	3	0	19.63	19.50	19.64		5
	3	2	19.61	19.57	19.56		5
	3	3	19.61	19.57	19.61		5
	6	0	19.54	19.50	19.54		5

Table H- 29
LTE Band 26 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 26 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740.0 (819.0 MHz)	26865.0 (831.5 MHz)	26990.0 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.48	21.04	21.69	0	0
	1	25	21.50	20.96	21.68		0
	1	49	21.55	21.40	21.34		0
	25	0	21.33	21.49	21.60		0
	25	12	21.38	21.53	21.67		0
	25	25	21.41	21.52	21.70		0
	50	0	21.34	21.50	21.58		0
16QAM	1	0	21.30	21.81	21.41	0-1	0
	1	25	21.23	21.72	21.44		0
	1	49	21.45	21.91	21.54		0
	25	0	21.55	21.60	21.54		0
	25	12	21.59	21.59	21.62		0
	25	25	21.63	21.63	21.68		0
	50	0	21.37	21.48	21.57		0
64QAM	1	0	21.40	21.31	21.36	0-2	0
	1	25	21.40	21.28	21.34		0
	1	49	21.50	21.38	21.38		0
	25	0	21.11	21.18	21.55		0.5
	25	12	21.16	21.19	21.61		0.5
	25	25	21.20	21.20	21.64		0.5
	50	0	21.17	21.44	21.23		0.5
256QAM	1	0	19.29	19.38	19.68	0-5	2.5
	1	25	19.26	19.33	19.63		2.5
	1	49	19.40	19.46	19.71		2.5
	25	0	19.02	19.24	19.25		2.5
	25	12	19.06	19.22	19.31		2.5
	25	25	19.14	19.23	19.37		2.5
	50	0	19.13	19.39	19.29		2.5

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Table H- 30

LTE Band 26 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 26 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715.0 (816.5 MHz)	26865.0 (831.5 MHz)	27015.0 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.89	21.50	22.10	0	0
	1	12	22.02	21.66	22.02		0
	1	24	21.84	21.84	21.84		0
	12	0	21.74	21.73	21.73	0-1	0
	12	6	21.68	21.67	21.72		0
	12	13	21.74	21.72	21.71		0
	25	0	21.72	21.73	21.71		0
16QAM	1	0	21.81	21.81	21.81	0-1	0
	1	12	21.81	21.81	21.81		0
	1	24	21.57	21.58	21.58		0
	12	0	21.90	21.86	21.88	0-2	0
	12	6	21.82	21.83	21.80		0
	12	13	21.81	21.78	21.77		0
	25	0	21.65	21.64	21.63		0
64QAM	1	0	22.10	21.45	22.12	0-2	0
	1	12	21.96	21.56	21.99		0
	1	24	21.97	21.45	21.96		0
	12	0	21.43	21.40	21.42	0-3	0.5
	12	6	21.36	21.36	21.37		0.5
	12	13	21.35	21.35	21.35		0.5
	25	0	21.70	21.72	21.70		0.5
256QAM	1	0	19.20	19.10	19.41	0-5	2.5
	1	12	19.96	19.93	19.98		2.5
	1	24	19.91	19.91	19.90		2.5
	12	0	19.55	19.51	19.50		2.5
	12	6	19.51	19.48	19.49		2.5
	12	13	19.47	19.47	19.46		2.5
	25	0	19.70	19.70	19.68		2.5

Table H- 31

LTE Band 26 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 3 MHz Bandwidth

LTE Band 26 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705.0 (815.5 MHz)	26865.0 (831.5 MHz)	27025.0 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.34	21.59	21.60	0	0
	1	7	21.25	21.44	21.51		0
	1	14	21.37	21.58	21.47		0
	8	0	21.41	21.57	21.56	0-1	0
	8	4	21.36	21.58	21.51		0
	8	7	21.32	21.63	21.48		0
	15	0	21.38	21.61	21.58		0
16QAM	1	0	21.67	21.65	21.93	0-1	0
	1	7	21.80	21.67	21.90		0
	1	14	21.75	21.60	21.73		0
	8	0	21.42	21.55	21.58	0-2	0
	8	4	21.41	21.57	21.21		0
	8	7	21.40	21.55	21.55		0
	15	0	21.40	21.52	21.52		0
64QAM	1	0	21.58	21.56	21.78	0-2	0
	1	7	21.46	21.60	21.62		0
	1	14	21.56	21.52	21.66		0
	8	0	21.23	21.30	21.38	0-3	0.5
	8	4	21.23	21.32	21.37		0.5
	8	7	21.17	21.35	20.90		0.5
	15	0	21.16	21.38	21.42		0.5
256QAM	1	0	19.23	19.35	19.45	0-5	2.5
	1	7	19.21	19.22	19.52		2.5
	1	14	19.21	19.50	19.41		2.5
	8	0	19.19	19.30	18.87		2.5
	8	4	19.18	19.35	19.33		2.5
	8	7	19.13	19.33	19.37		2.5
	15	0	19.17	19.36	19.32		2.5

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Table H- 32

LTE Band 26 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 1.4 MHz Bandwidth

LTE Band 26 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697.0 (814.7 MHz)	26865.0 (831.5 MHz)	27033.0 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	21.13	21.34	21.54	0	0
	1	2	21.32	21.45	21.41		0
	1	5	21.35	21.85	21.57		0
	3	0	21.71	21.81	21.75		0
	3	2	21.54	21.77	21.71		0
	3	3	21.79	21.78	21.76		0
	6	0	21.23	21.43	21.57		0
16QAM	1	0	21.35	21.65	22.06	0-1	0
	1	2	21.42	21.38	22.04		0
	1	5	21.42	21.66	22.03		0
	3	0	21.30	22.10	21.81		0
	3	2	21.22	22.09	21.70		0
	3	3	21.32	22.12	21.88		0
	6	0	21.24	21.44	21.32		0
64QAM	1	0	21.82	21.44	21.54	0-2	0
	1	2	21.91	21.33	21.58		0
	1	5	21.83	21.73	21.51		0
	3	0	21.22	21.34	22.08		0
	3	2	21.32	21.34	22.00		0
	3	3	21.20	21.43	22.04		0
	6	0	20.67	21.17	21.03		0.5
256QAM	1	0	19.23	19.53	19.59	0-5	2.5
	1	2	19.45	19.56	19.40		2.5
	1	5	19.46	19.52	19.55		2.5
	3	0	19.51	19.64	19.34		2.5
	3	2	19.37	18.96	19.17		2.5
	3	3	19.54	19.02	19.38		2.5
	6	0	19.46	19.18	19.45		2.5

H.1.10 LTE Band 26 Antenna E

Table H- 33

LTE Band 26 Ant E Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 26 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740.0 (819.0 MHz)	26865.0 (831.5 MHz)	26990.0 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.95	18.88	18.70	0	0
	1	25	18.74	18.61	19.05		0
	1	49	18.91	18.60	18.84		0
	25	0	18.96	18.77	18.95	0-1	0
	25	12	18.90	18.73	18.90		0
	25	25	18.86	18.69	18.93		0
	50	0	18.94	18.75	19.07		0
16QAM	1	0	19.14	19.13	19.44	0-1	0
	1	25	19.07	18.95	19.54		0
	1	49	19.20	18.78	19.15		0
	25	0	18.86	18.77	19.14	0-2	0
	25	12	18.87	18.69	19.04		0
	25	25	18.91	18.58	18.99		0
	50	0	18.87	18.72	19.07		0
64QAM	1	0	18.99	19.01	19.32	0-2	0
	1	25	18.97	18.82	19.26		0
	1	49	19.05	18.62	19.03		0
	25	0	18.82	18.78	19.06	0-3	0
	25	12	18.83	18.70	19.08		0
	25	25	18.89	18.61	19.00		0
	50	0	18.86	18.72	19.02		0
256QAM	1	0	18.43	18.40	18.67	0-5	1
	1	25	18.19	18.12	18.62		1
	1	49	18.37	18.15	18.36		1
	25	0	18.33	18.23	18.58		1
	25	12	18.30	18.14	18.50		1
	25	25	18.26	18.13	18.46		1
	50	0	18.32	18.16	18.55		1

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Table H- 34
LTE Band 26 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 26 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715.0 (816.5 MHz)	26865.0 (831.5 MHz)	27015.0 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.88	18.83	18.69	0	0
	1	12	18.75	18.53	18.52		0
	1	24	18.80	18.61	18.53		0
	12	0	18.91	18.75	18.59	0-1	0
	12	6	18.92	18.73	18.64		0
	12	13	18.88	18.67	18.66		0
	25	0	18.92	18.68	18.63		0
16QAM	1	0	19.08	19.11	19.06	0-1	0
	1	12	19.23	18.99	18.83		0
	1	24	19.07	18.88	18.55		0
	12	0	18.91	18.76	18.61	0-2	0
	12	6	18.86	18.78	18.56		0
	12	13	18.83	18.71	18.46		0
	25	0	18.83	18.72	18.54		0
64QAM	1	0	19.08	19.03	18.86	0-2	0
	1	12	18.96	18.81	18.57		0
	1	24	18.96	18.75	18.49		0
	12	0	18.86	18.77	18.63	0-3	0
	12	6	18.82	18.74	18.56		0
	12	13	18.81	18.66	18.42		0
	25	0	18.81	18.66	18.48		0
256QAM	1	0	18.34	18.20	18.01	0-5	1
	1	12	18.17	18.15	17.81		1
	1	24	18.18	18.14	17.77		1
	12	0	18.17	18.10	17.89		1
	12	6	18.09	18.04	17.85		1
	12	13	18.08	18.16	17.74		1
	25	0	18.17	18.19	17.81		1

Table H- 35
LTE Band 26 Ant E Measured P_{limit} for all RSI – 3 MHz Bandwidth

LTE Band 26 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705.0 (815.5 MHz)	26865.0 (831.5 MHz)	27025.0 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.92	18.92	18.56	0	0
	1	7	18.66	18.66	18.58		0
	1	14	18.78	18.78	18.57		0
	8	0	18.91	18.91	18.51	0-1	0
	8	4	18.86	18.86	18.58		0
	8	7	18.87	18.87	18.58		0
	15	0	19.01	19.01	18.51		0
16QAM	1	0	19.21	19.21	18.88	0-1	0
	1	7	19.31	19.31	18.65		0
	1	14	19.08	19.08	18.47		0
	8	0	18.98	18.98	18.58	0-2	0
	8	4	18.84	18.84	18.48		0
	8	7	18.88	18.88	18.47		0
	15	0	18.93	18.93	18.49		0
64QAM	1	0	19.02	19.02	18.76	0-2	0
	1	7	18.92	18.92	18.60		0
	1	14	18.99	18.99	18.59		0
	8	0	18.81	18.81	18.45	0-3	0
	8	4	18.78	18.78	18.47		0
	8	7	18.78	18.78	18.41		0
	15	0	18.91	18.91	18.49		0
256QAM	1	0	18.27	18.27	17.86	0-5	1
	1	7	18.17	18.17	18.00		1
	1	14	18.19	18.19	17.68		1
	8	0	18.22	18.22	17.83		1
	8	4	18.13	18.13	17.75		1
	8	7	18.15	18.15	17.76		1
	15	0	18.31	18.31	17.76		1

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Table H- 36
LTE Band 26 Ant E Measured P_{limit} for all RSI – 1.4 MHz Bandwidth

LTE Band 26 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697.0 (814.7 MHz)	26865.0 (831.5 MHz)	27033.0 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.85	18.65	18.51	0	0
	1	2	18.93	18.56	18.57		0
	1	5	18.79	18.61	18.56		0
	3	0	18.86	18.62	18.50		0
	3	2	18.81	18.58	18.58		0
	3	3	18.86	18.66	18.54		0
16QAM	6	0	18.89	18.61	18.50	0-1	0
	1	0	19.10	18.88	18.68		0
	1	2	19.08	18.88	18.65	0-1	0
	1	5	19.12	18.84	18.65		0
	3	0	18.89	18.69	18.65		0
	3	2	18.86	18.70	18.42		0
	3	3	18.90	18.73	18.38		0
	6	0	18.94	18.72	18.40		0
64QAM	1	0	18.94	18.84	18.52	0-2	0
	1	2	18.99	18.79	18.55		0
	1	5	18.99	18.72	18.59	0-2	0
	3	0	18.89	18.72	18.44		0
	3	2	18.81	18.67	18.34		0
	3	3	18.80	18.67	18.46		0
	6	0	18.93	18.64	18.29		0
	256QAM	1	0	18.26	18.05		17.72
1		2	18.08	18.14	17.70	1	
1		5	18.20	18.10	17.73	1	
3		0	18.24	18.08	17.75	1	
3		2	18.19	18.07	17.75	1	
3		3	18.21	18.11	17.73	1	
6		0	18.23	18.13	17.69	1	

H.1.11 LTE Band 66 Antenna A

Table H- 37
LTE Band 66 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

LTE Band 66 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.67	22.70	23.32	0	0	
	1	36	22.69	22.66	23.42		0	
	1	74	22.64	23.01	23.63		0	
	36	0	21.63	21.70	22.31		0-1	1
	36	18	21.62	21.66	22.37			1
	36	37	21.64	21.85	22.47			1
	75	0	21.62	21.69	22.40			1
16QAM	1	0	21.82	21.75	22.19	0-1	1	
	1	36	21.78	21.86	22.31		1	
	1	74	21.81	22.24	22.51		1	
	36	0	20.69	20.66	21.31		0-2	2
	36	18	20.70	20.67	21.38			2
	36	37	20.72	20.85	21.51			2
	75	0	20.62	20.69	21.33			2
64QAM	1	0	20.80	20.63	21.52	0-2	2	
	1	36	20.80	20.69	21.61		2	
	1	74	20.82	21.06	21.84		2	
	36	0	19.64	19.65	20.25		0-3	3
	36	18	19.68	19.76	20.32			3
	36	37	19.66	19.93	20.48			3
	75	0	19.62	19.71	20.34			3
256QAM	1	0	17.61	17.85	18.12	0-5	5	
	1	36	17.64	17.92	18.83		5	
	1	74	17.68	18.30	18.89		5	
	36	0	17.88	17.58	18.30		5	
	36	18	17.61	17.71	18.38		5	
	36	37	17.72	17.83	18.50		5	
	75	0	17.58	17.67	18.39		5	

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Table H- 38
LTE Band 66 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

LTE Band 66							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.56	22.59	23.34	0	0
	1	25	22.55	22.65	23.39		0
	1	49	22.64	22.94	23.57		0
	25	0	21.62	21.65	22.47	0-1	1
	25	12	21.63	21.74	22.55		1
	25	25	21.66	21.84	22.59		1
	50	0	21.62	21.72	22.55		1
16QAM	1	0	21.82	21.98	22.30	0-1	1
	1	25	21.74	21.98	22.12		1
	1	49	21.80	22.26	22.16		1
	25	0	20.64	20.73	20.98	0-2	2
	25	12	20.65	20.83	21.59		2
	25	25	20.66	20.94	21.61		2
	50	0	20.62	20.72	21.49		2
64QAM	1	0	20.70	20.73	21.38	0-2	2
	1	25	20.72	20.81	21.37		2
	1	49	20.54	21.10	21.49		2
	25	0	19.74	19.76	20.02	0-3	3
	25	12	19.77	19.84	20.55		3
	25	25	19.76	19.92	20.59		3
	50	0	19.76	19.77	20.53		3
256QAM	1	0	17.60	17.41	18.22	0-5	5
	1	25	17.38	17.44	18.12		5
	1	49	17.50	17.76	18.24		5
	25	0	17.60	17.67	18.33		5
	25	12	17.61	17.74	18.50		5
	25	25	17.63	17.84	18.54		5
	50	0	17.58	17.67	18.48		5

Table H- 39
LTE Band 66 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.65	22.63	23.00	0	0
	1	12	22.77	22.69	23.12		0
	1	24	22.71	22.60	23.24		0
	12	0	21.60	21.56	21.98	0-1	1
	12	6	21.64	21.65	22.02		1
	12	13	21.62	21.68	22.10		1
	25	0	21.60	21.78	22.12		1
16QAM	1	0	22.00	21.90	22.14	0-1	1
	1	12	21.89	21.89	22.16		1
	1	24	21.80	22.15	22.30		1
	12	0	20.81	20.70	21.01	0-2	2
	12	6	20.82	20.98	21.12		2
	12	13	20.82	20.81	21.14		2
	25	0	20.59	20.82	21.00		2
64QAM	1	0	20.61	20.77	21.14	0-2	2
	1	12	20.76	20.68	21.00		2
	1	24	20.66	20.80	21.22		2
	12	0	19.63	19.43	20.10	0-3	3
	12	6	19.60	19.45	19.98		3
	12	13	19.63	19.67	19.78		3
	25	0	19.67	19.66	19.91		3
256QAM	1	0	18.18	17.98	18.10	0-5	5
	1	12	18.01	17.67	18.22		5
	1	24	17.98	17.81	18.39		5
	12	0	17.77	17.78	18.23		5
	12	6	17.83	17.77	18.31		5
	12	13	17.69	17.65	18.29		5
	25	0	17.98	17.63	18.32		5

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Table H- 40
LTE Band 66 Ant A Measured P_{max} for RSI = 1(Head) – 3 MHz Bandwidth

LTE Band 66 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.63	22.65	23.12	0	0
	1	7	22.57	22.55	23.22		0
	1	14	22.63	22.71	23.15		0
	8	0	21.98	22.01	22.45	0-1	1
	8	4	21.78	21.80	22.43		1
	8	7	21.82	21.91	22.65		1
	15	0	21.83	21.80	22.01		1
16QAM	1	0	21.78	21.82	22.10	0-1	1
	1	7	21.79	21.83	22.09		1
	1	14	21.80	22.01	22.22		1
	8	0	20.61	20.77	21.12	0-2	2
	8	4	20.72	20.67	21.13		2
	8	7	20.89	20.63	21.01		2
	15	0	20.77	20.78	20.98		2
64QAM	1	0	20.78	20.66	21.10	0-2	2
	1	7	20.79	20.68	21.09		2
	1	14	20.68	20.67	21.17		2
	8	0	19.72	19.80	20.22	0-3	3
	8	4	19.88	19.77	20.16		3
	8	7	19.76	19.61	20.23		3
	15	0	19.83	19.62	20.26		3
256QAM	1	0	17.91	17.50	18.10	0-5	5
	1	7	17.92	17.61	18.12		5
	1	14	17.78	17.62	18.21		5
	8	0	17.63	17.51	18.30		5
	8	4	17.66	17.62	18.33		5
	8	7	17.71	17.66	18.24		5
	15	0	17.72	17.61	18.27		5

Table H- 41
LTE Band 66 Ant A Measured P_{max} for RSI = 1(Head) – 1.4 MHz Bandwidth

LTE Band 66 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.65	22.56	23.24	0	0
	1	2	22.54	22.62	23.20		0
	1	5	22.55	22.59	23.12		0
	3	0	22.67	22.71	23.10		0
	3	2	22.68	22.80	23.18		0
	3	3	22.56	22.68	23.09		0
	6	0	21.98	21.68	22.30		0
16QAM	1	0	21.78	21.79	22.23	0-1	1
	1	2	21.74	21.82	22.29		1
	1	5	21.72	21.80	22.28		1
	3	0	21.78	21.79	22.04		1
	3	2	21.73	21.68	22.14		1
	3	3	21.67	21.71	22.22		1
	6	0	20.76	20.66	21.18		0-2
64QAM	1	0	21.01	20.78	21.02	0-2	2
	1	2	20.79	20.90	21.14		2
	1	5	21.02	20.83	21.19		2
	3	0	20.81	20.82	21.78		2
	3	2	20.73	20.77	21.67		2
	3	3	20.69	20.81	21.09		2
	6	0	20.01	19.89	20.02		0-3
256QAM	1	0	17.81	17.56	18.22	0-5	5
	1	2	17.67	17.62	18.19		5
	1	5	17.71	17.68	18.22		5
	3	0	17.67	17.68	18.14		5
	3	2	17.62	17.62	18.21		5
	3	3	17.66	17.64	18.20		5
	6	0	17.71	17.65	18.21		5

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Table H- 42

LTE Band 66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

LTE Band 66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047.0 (1717.5 MHz)	132322.0 (1745.0 MHz)	132597.0 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.95	17.00	17.02	0	0
	1	36	16.92	17.13	16.99		0
	1	74	17.03	17.36	16.98		0
	36	0	17.07	17.11	17.05	0-1	0
	36	18	17.07	17.16	17.04		0
	36	37	17.06	17.28	16.98		0
	75	0	17.07	17.17	16.87		0
16QAM	1	0	17.20	17.24	17.12	0-1	0
	1	36	17.33	17.32	17.10		0
	1	74	17.43	16.90	17.30		0
	36	0	17.11	16.97	17.22	0-2	0
	36	18	17.13	17.01	17.04		0
	36	37	17.14	17.31	17.08		0
	75	0	17.05	17.11	16.95		0
64QAM	1	0	17.04	16.95	16.98	0-2	0
	1	36	17.01	16.92	17.00		0
	1	74	17.06	17.26	17.18		0
	36	0	17.08	17.17	16.96	0-3	0
	36	18	17.13	17.24	17.02		0
	36	37	17.12	17.35	17.05		0
	75	0	17.07	17.22	16.94		0
256QAM	1	0	16.89	16.84	17.18	0-5	0
	1	36	16.79	16.98	17.23		0
	1	74	16.93	17.20	17.10		0
	36	0	17.07	17.21	16.90		0
	36	18	17.10	17.26	16.94		0
	36	37	17.12	17.37	17.00		0
	75	0	17.06	17.16	16.95		0

Table H- 43

LTE Band 66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022.0 (1715.0 MHz)	132322.0 (1745.0 MHz)	132622.0 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.69	16.66	17.28	0	0
	1	25	17.10	16.72	17.32		0
	1	49	16.69	16.96	17.53		0
	25	0	16.70	16.64	17.37	0-1	0
	25	12	16.90	16.73	17.39		0
	25	25	16.71	16.84	17.45		0
	50	0	17.01	16.69	17.43		0
16QAM	1	0	16.87	16.99	17.52	0-1	0
	1	25	16.90	17.02	17.58		0
	1	49	16.95	17.28	17.71		0
	25	0	16.70	16.69	17.37	0-2	0
	25	12	16.70	16.74	17.42		0
	25	25	16.77	16.82	17.43		0
	50	0	16.70	16.75	17.46		0
64QAM	1	0	16.96	16.65	17.38	0-2	0
	1	25	16.85	16.68	17.39		0
	1	49	16.98	16.97	17.54		0
	25	0	16.66	16.56	17.41	0-3	0
	25	12	16.76	16.65	17.42		0
	25	25	16.78	16.73	17.48		0
	50	0	16.66	16.67	17.38		0
256QAM	1	0	16.92	16.82	17.33	0-5	0
	1	25	16.70	16.88	17.38		0
	1	49	16.75	17.19	17.58		0
	25	0	16.70	16.65	17.39		0
	25	12	16.69	16.70	17.38		0
	25	25	16.79	16.79	17.47		0
	50	0	16.91	16.66	17.41		0

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Table H- 44
LTE Band 66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997.0 (1712.5 MHz)	132322.0 (1745.0 MHz)	132647.0 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.69	16.74	17.10	0	0
	1	12	16.70	16.90	17.65		0
	1	24	16.68	16.86	17.60		0
	12	0	16.66	16.65	17.43	0-1	0
	12	6	16.80	16.72	17.50		0
	12	13	16.71	16.76	17.50		0
	25	0	16.78	16.73	17.45		0
16QAM	1	0	16.73	16.98	17.15	0-1	0
	1	12	16.81	17.19	17.11		0
	1	24	17.10	17.17	17.84		0
	12	0	16.68	16.80	17.53	0-2	0
	12	6	17.05	16.77	17.51		0
	12	13	16.88	16.86	17.59		0
	25	0	16.91	16.69	17.46		0
64QAM	1	0	16.96	17.10	17.55	0-2	0
	1	12	17.11	17.27	17.49		0
	1	24	17.08	17.22	17.59		0
	12	0	16.74	16.72	17.47	0-3	0
	12	6	16.71	16.76	17.50		0
	12	13	16.79	16.80	17.54		0
	25	0	16.65	16.59	17.42		0
256QAM	1	0	16.96	16.90	17.22	0-5	0
	1	12	17.09	17.07	17.40		0
	1	24	17.02	17.12	17.84		0
	12	0	16.62	16.64	17.40		0
	12	6	16.73	16.66	17.47		0
	12	13	16.75	16.73	17.45		0
	25	0	16.89	16.67	17.42		0

Table H- 45
LTE Band 66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 3 MHz Bandwidth

LTE Band 66 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987.0 (1711.5 MHz)	132322.0 (1745.0 MHz)	132657.0 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.73	16.80	17.12	0	0
	1	7	16.64	16.75	17.58		0
	1	14	16.64	16.78	17.61		0
	8	0	16.74	16.78	17.53	0-1	0
	8	4	16.90	16.79	17.57		0
	8	7	16.71	16.78	17.59		0
	15	0	16.88	16.75	17.50		0
16QAM	1	0	16.77	17.01	17.13	0-1	0
	1	7	16.73	17.11	17.93		0
	1	14	17.01	17.01	17.82		0
	8	0	16.78	16.67	17.15	0-2	0
	8	4	16.75	16.71	17.63		0
	8	7	16.75	16.69	17.61		0
	15	0	16.98	16.74	17.53		0
64QAM	1	0	16.87	16.81	17.52	0-2	0
	1	7	16.92	16.79	17.20		0
	1	14	17.10	16.93	17.46		0
	8	0	16.72	16.82	17.54	0-3	0
	8	4	16.99	16.83	17.52		0
	8	7	16.89	16.83	17.51		0
	15	0	16.94	16.74	17.48		0
256QAM	1	0	16.89	17.00	17.07	0-5	0
	1	7	16.90	17.14	17.54		0
	1	14	16.88	17.06	17.56		0
	8	0	16.72	16.72	17.49		0
	8	4	16.77	16.65	17.55		0
	8	7	16.79	16.77	17.51		0
	15	0	16.81	16.62	17.53		0

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Table H- 46

LTE Band 66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 1.4 MHz Bandwidth

LTE Band 66							
1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979.0 (1710.7 MHz)	132322.0 (1745.0 MHz)	132665.0 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.62	16.73	17.09	0	0
	1	2	16.65	16.85	17.47		0
	1	5	16.69	16.74	17.52		0
	3	0	16.69	16.69	17.50		0
	3	2	16.59	16.71	17.48		0
	3	3	16.59	16.70	17.49		0
	6	0	16.74	16.81	17.58		0-1
16QAM	1	0	16.98	16.41	17.24	0-1	0
	1	2	16.78	16.70	17.29		0
	1	5	16.89	16.71	17.50		0
	3	0	16.72	16.78	17.60		0
	3	2	16.68	16.73	17.52		0
	3	3	16.60	16.67	17.47		0
	6	0	16.77	16.83	17.64		0-2
64QAM	1	0	16.88	16.92	17.10	0-2	0
	1	2	16.75	16.80	17.59		0
	1	5	17.10	16.94	17.73		0
	3	0	16.66	16.75	17.51		0
	3	2	16.53	16.62	17.40		0
	3	3	16.53	16.63	17.41		0
	6	0	16.99	16.59	17.39		0-3
256QAM	1	0	16.79	16.78	17.32	0-5	0
	1	2	16.77	16.81	17.64		0
	1	5	16.79	16.80	17.34		0
	3	0	16.72	16.77	17.50		0
	3	2	16.78	16.50	17.17		0
	3	3	16.74	16.66	17.32		0
	6	0	16.81	16.62	17.52		0

H.1.12 LTE Band 66 Antenna F

Table H- 47

LTE Band 66 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047.0 (1717.5 MHz)	132322.0 (1745.0 MHz)	132597.0 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.06	17.03	17.06	0	0
	1	36	16.92	16.92	16.92		0
	1	74	16.96	16.93	16.96		0
	36	0	17.13	17.13	17.11		0
	36	18	17.09	17.05	17.09		0
	36	37	17.06	17.05	17.05		0
	75	0	17.10	17.09	17.07		0
16QAM	1	0	17.28	17.25	17.25	0-1	0
	1	36	17.14	17.12	17.13		0
	1	74	17.16	17.16	17.17		0
	36	0	17.07	17.08	17.09		0
	36	18	17.03	17.04	17.03		0
	36	37	17.00	17.03	17.01		0
	75	0	17.09	17.08	17.10		0
64QAM	1	0	17.09	17.09	17.08	0-2	0
	1	36	16.97	16.98	16.98		0
	1	74	17.02	17.03	17.03		0
	36	0	17.12	17.14	17.12		0
	36	18	17.10	17.09	17.10		0
	36	37	17.08	17.05	17.05		0
	75	0	17.05	17.04	17.07		0
256QAM	1	0	17.10	17.08	17.08	0-3	0
	1	36	16.96	16.95	16.97		0
	1	74	16.98	16.99	16.99		0
	36	0	17.11	17.11	17.11		0
	36	18	17.11	17.09	17.10		0
	36	37	17.07	17.07	17.09		0
	75	0	17.08	17.05	17.08		0

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Table H- 48
LTE Band 66 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022.0 (1715.0 MHz)	132322.0 (1745.0 MHz)	132622.0 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.28	17.14	17.02	0	0
	1	25	17.27	17.05	16.95		0
	1	49	17.25	17.09	16.98		0
	25	0	17.32	17.07	17.08	0-1	0
	25	12	17.26	17.05	17.00		0
	25	25	17.30	17.08	17.01		0
	50	0	17.28	17.05	17.04		0
16QAM	1	0	16.98	17.46	17.25	0-1	0
	1	25	16.97	17.30	17.16		0
	1	49	17.00	17.38	17.20		0
	25	0	17.21	17.02	17.06	0-2	0
	25	12	17.22	17.01	17.03		0
	25	25	17.26	17.01	17.01		0
	50	0	17.19	16.99	17.10		0
64QAM	1	0	17.49	17.06	17.16	0-2	0
	1	25	17.35	16.95	17.03		0
	1	49	17.42	17.08	17.03		0
	25	0	17.16	16.92	17.05	0-3	0
	25	12	17.15	16.92	17.02		0
	25	25	17.22	16.93	17.07		0
	50	0	17.16	16.96	16.99		0
256QAM	1	0	17.01	17.27	17.08	0-5	0
	1	25	16.91	17.16	16.96		0
	1	49	17.04	17.22	17.04		0
	25	0	17.23	17.00	17.09		0
	25	12	17.21	16.95	17.03		0
	25	25	17.27	17.00	17.02		0
	50	0	17.15	16.99	17.01		0

Table H- 49
LTE Band 66 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997.0 (1712.5 MHz)	132322.0 (1745.0 MHz)	132647.0 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.30	17.06	17.03	0	0
	1	12	16.96	17.07	17.09		0
	1	24	17.26	17.10	17.06		0
	12	0	17.25	17.02	17.01	0-1	0
	12	6	17.27	17.03	16.98		0
	12	13	17.29	17.04	16.98		0
	25	0	17.27	17.06	17.00		0
16QAM	1	0	17.27	17.28	17.38	0-1	0
	1	12	17.17	17.26	17.30		0
	1	24	17.26	17.33	17.31		0
	12	0	17.18	17.08	17.08	0-2	0
	12	6	17.21	17.07	17.04		0
	12	13	17.22	17.10	17.08		0
	25	0	17.24	16.98	17.02		0
64QAM	1	0	17.43	17.45	17.14	0-2	0
	1	12	17.45	17.29	16.93		0
	1	24	17.42	17.42	17.01		0
	12	0	17.22	17.03	17.03	0-3	0
	12	6	17.25	17.02	17.01		0
	12	13	17.25	17.03	16.99		0
	25	0	17.14	16.86	17.01		0
256QAM	1	0	17.41	17.18	17.38	0-5	0
	1	12	17.45	17.18	17.21		0
	1	24	17.46	17.24	17.30		0
	12	0	17.11	16.98	16.99		0
	12	6	17.11	16.92	16.97		0
	12	13	17.13	16.97	16.99		0
	25	0	17.17	16.95	17.00		0

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Table H- 50
LTE Band 66 Ant F Measured P_{limit} for all RSI – 3 MHz Bandwidth

LTE Band 66 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987.0 (1711.5 MHz)	132322.0 (1745.0 MHz)	132657.0 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.22	17.04	17.02	0	0
	1	7	17.23	16.98	16.88		0
	1	14	17.21	16.99	17.04		0
	8	0	17.41	17.11	17.01	0-1	0
	8	4	17.36	17.09	16.98		0
	8	7	17.34	17.15	17.00		0
	15	0	17.29	17.08	17.02		0
16QAM	1	0	16.91	17.29	17.21	0-1	0
	1	7	16.92	17.22	17.14		0
	1	14	17.02	17.23	17.22		0
	8	0	17.29	16.96	17.10	0-2	0
	8	4	17.27	16.98	17.10		0
	8	7	17.32	16.96	17.06		0
	15	0	17.16	17.05	17.02		0
64QAM	1	0	17.36	17.09	17.01	0-2	0
	1	7	17.29	16.90	16.79		0
	1	14	17.41	17.13	16.91		0
	8	0	17.28	17.12	17.01	0-3	0
	8	4	17.24	17.10	16.95		0
	8	7	17.21	17.10	16.96		0
	15	0	17.12	16.98	16.97		0
256QAM	1	0	17.02	17.27	17.01	0-5	0
	1	7	16.96	17.22	16.99		0
	1	14	17.03	17.23	17.02		0
	8	0	17.18	17.00	17.00		0
	8	4	17.23	16.94	16.99		0
	8	7	17.19	17.01	16.92		0
	15	0	17.14	16.94	16.98		0

Table H- 51
LTE Band 66 Ant F Measured P_{limit} for all RSI – 1.4 MHz Bandwidth

LTE Band 66 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979.0 (1710.7 MHz)	132322.0 (1745.0 MHz)	132665.0 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.20	17.09	17.01	0	0
	1	2	17.23	17.12	16.82		0
	1	5	17.20	17.06	16.97		0
	3	0	17.20	17.13	16.98		0
	3	2	17.18	17.04	16.98		0
	3	3	17.20	17.03	17.01		0
	6	0	17.37	17.10	16.91		0-1
16QAM	1	0	16.97	17.24	17.06	0-1	0
	1	2	16.99	17.41	17.21		0
	1	5	16.98	17.31	17.10		0
	3	0	17.14	17.15	17.15		0
	3	2	17.14	17.09	16.99		0
	3	3	17.14	17.14	17.00		0
	6	0	17.31	17.04	16.94		0-2
64QAM	1	0	17.37	17.07	17.29	0-2	0
	1	2	17.30	16.66	17.50		0
	1	5	17.37	17.06	17.28		0
	3	0	17.14	16.86	17.13		0
	3	2	17.01	16.95	17.06		0
	3	3	17.03	17.00	17.09		0
	6	0	16.99	16.84	16.91		0-3
256QAM	1	0	16.95	17.21	17.05	0-5	0
	1	2	17.07	17.20	17.15		0
	1	5	16.98	17.26	16.98		0
	3	0	17.07	16.87	17.00		0
	3	2	16.96	16.85	16.73		0
	3	3	17.01	16.84	16.93		0
	6	0	17.23	16.98	16.84		0

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H.1.13 LTE Band 25 Antenna A

Table H- 52
LTE Band 25 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

LTE Band 25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.12	23.09	23.00	0	0
	1	36	22.95	23.02	23.11		0
	1	74	22.95	23.07	23.28		0
	36	0	22.08	22.02	22.20	0-1	1
	36	18	21.99	21.97	22.20		1
	36	37	21.94	21.97	22.27		1
	75	0	21.96	21.98	22.24		1
16QAM	1	0	22.33	22.33	22.10	0-1	1
	1	36	22.16	22.29	22.01		1
	1	74	22.13	22.38	22.09		1
	36	0	21.11	20.99	20.89	0-2	2
	36	18	21.04	21.02	21.21		2
	36	37	20.98	21.03	21.28		2
	75	0	21.03	20.98	21.23		2
64QAM	1	0	21.33	21.36	21.30	0-2	2
	1	36	21.17	21.30	21.40		2
	1	74	21.15	21.38	20.98		2
	36	0	20.24	20.03	19.89	0-3	3
	36	18	20.01	20.03	19.93		3
	36	37	19.98	20.04	19.96		3
	75	0	20.01	19.99	20.01		3
256QAM	1	0	18.35	18.40	18.23	0-5	5
	1	36	18.13	18.32	18.21		5
	1	74	18.15	18.37	18.22		5
	36	0	18.12	17.99	18.20		5
	36	18	18.10	18.03	18.18		5
	36	37	17.99	18.00	18.29		5
	75	0	17.98	17.95	18.03		5

Table H- 53
LTE Band 25 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

LTE Band 25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.22	22.87	23.00	0	0
	1	25	22.77	22.96	23.01		0
	1	49	23.01	22.84	23.14		0
	25	0	22.04	21.89	22.10	0-1	1
	25	12	22.02	21.92	22.12		1
	25	25	21.95	21.86	22.14		1
	50	0	21.99	21.85	22.09		1
16QAM	1	0	22.15	22.20	22.54	0-1	1
	1	25	22.11	22.13	22.55		1
	1	49	22.18	22.18	22.66		1
	25	0	21.11	20.96	21.15	0-2	2
	25	12	21.05	20.95	21.20		2
	25	25	20.99	20.95	21.21		2
	50	0	21.10	20.91	21.14		2
64QAM	1	0	21.25	21.20	21.10	0-2	2
	1	25	21.11	21.12	21.54		2
	1	49	21.06	21.17	21.60		2
	25	0	20.10	19.99	20.18	0-3	3
	25	12	20.06	20.00	20.10		3
	25	25	19.99	19.97	20.21		3
	50	0	20.01	19.93	20.12		3
256QAM	1	0	18.04	18.21	18.55	0-5	5
	1	25	18.11	18.10	18.53		5
	1	49	18.07	18.18	18.64		5
	25	0	18.15	17.99	18.18		5
	25	12	18.19	18.03	18.22		5
	25	25	18.10	18.02	18.20		5
	50	0	18.16	18.18	18.12		5

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Table H- 54
LTE Band 25 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.17	23.01	23.10	0	0
	1	12	23.25	22.99	23.28		0
	1	24	23.11	22.92	23.21		0
	12	0	22.09	21.86	21.88	0-1	1
	12	6	22.08	21.86	22.15		1
	12	13	22.05	21.84	22.17		1
	25	0	22.09	21.87	22.17	1	
16QAM	1	0	22.49	21.94	22.47	0-1	1
	1	12	22.33	22.15	22.58		1
	1	24	22.44	21.96	22.46		1
	12	0	21.28	20.85	21.21	0-2	2
	12	6	21.31	20.82	21.20		2
	12	13	21.28	20.88	21.19		2
	25	0	21.09	20.92	21.22		2
64QAM	1	0	21.52	20.99	21.03	0-2	2
	1	12	21.44	21.16	20.98		2
	1	24	21.44	20.99	21.34		2
	12	0	20.27	19.84	20.20	0-3	3
	12	6	20.28	19.85	20.18		3
	12	13	19.89	19.87	20.15		3
	25	0	20.06	19.92	20.22		3
256QAM	1	0	18.50	18.09	18.45	0-5	5
	1	12	18.43	18.15	18.54		5
	1	24	18.46	17.99	18.56		5
	12	0	18.30	17.89	18.21		5
	12	6	18.30	17.94	18.22		5
	12	13	18.19	18.01	18.19		5
	25	0	18.09	18.10	18.23		5

Table H- 55
LTE Band 25 Ant A Measured P_{max} for RSI = 1(Head) – 3 MHz Bandwidth

LTE Band 25 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.07	23.14	23.21	0	0
	1	7	23.06	23.03	23.39		0
	1	14	23.04	22.67	23.26		0
	8	0	22.33	21.83	22.22	0-1	1
	8	4	22.29	21.81	22.24		1
	8	7	22.08	21.81	22.20		1
	15	0	22.10	21.85	22.17	1	
16QAM	1	0	22.27	22.18	21.80	0-1	1
	1	7	22.35	22.30	21.90		1
	1	14	22.20	22.14	21.89		1
	8	0	21.13	20.96	21.35	0-2	2
	8	4	21.10	20.95	21.28		2
	8	7	21.11	20.96	21.31		2
	15	0	20.99	20.94	21.25	2	
64QAM	1	0	21.24	21.27	20.99	0-2	2
	1	7	21.32	21.30	20.98		2
	1	14	21.19	21.11	21.03		2
	8	0	20.13	19.98	20.01	0-3	3
	8	4	20.11	19.98	20.21		3
	8	7	20.12	19.95	20.16		3
	15	0	20.00	19.92	20.14	3	
256QAM	1	0	18.20	18.03	18.03	0-5	5
	1	7	18.30	17.98	18.10		5
	1	14	18.10	18.13	18.22		5
	8	0	18.13	18.12	18.34		5
	8	4	18.14	18.21	18.31		5
	8	7	18.11	18.03	18.35		5
	15	0	18.01	18.09	18.28	5	

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Table H- 56
LTE Band 25 Ant A Measured P_{max} for RSI = 1(Head) – 1.4 MHz Bandwidth

LTE Band 25 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.07	23.00	23.21	0	0
	1	2	23.06	22.90	23.39		0
	1	5	23.04	23.09	23.26		0
	3	0	23.10	22.89	23.41		0
	3	2	23.06	22.90	23.42		0
	3	3	23.08	22.89	23.33		0
	6	0	21.99	21.85	22.17	0-1	1
16QAM	1	0	22.27	22.18	22.01	0-1	1
	1	2	22.35	22.30	22.12		1
	1	5	22.20	22.14	22.34		1
	3	0	22.13	21.97	22.10		1
	3	2	21.89	21.94	22.18		1
	3	3	21.79	21.96	22.34		1
	6	0	20.78	20.94	21.43	0-2	2
64QAM	1	0	20.78	20.98	21.41	0-2	2
	1	2	21.01	20.81	21.20		2
	1	5	21.02	20.81	21.31		2
	3	0	21.13	20.96	21.34		2
	3	2	21.11	20.95	21.30		2
	3	3	21.12	20.95	21.33		2
	6	0	19.89	19.92	20.12	0-3	3
256QAM	1	0	18.21	18.20	18.12	0-5	5
	1	2	18.30	18.29	18.17		5
	1	5	18.16	18.13	18.18		5
	3	0	18.10	17.99	18.22		5
	3	2	18.12	17.97	18.31		5
	3	3	18.01	17.94	18.32		5
	6	0	17.95	17.92	18.28	5	

Table H- 57
LTE Band 25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

LTE Band 25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115.0 (1857.5 MHz)	26365.0 (1882.5 MHz)	26615.0 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.32	17.14	17.24	0	0
	1	36	17.11	17.08	17.21		0
	1	74	17.09	17.15	17.33		0
	36	0	17.41	17.29	17.39	0-1	0
	36	18	17.32	17.26	17.43		0
	36	37	17.23	17.23	17.45		0
	75	0	17.35	17.29	17.44		0
16QAM	1	0	17.09	17.12	17.40	0-1	0
	1	36	16.97	17.08	17.42		0
	1	74	16.93	17.14	17.53		0
	36	0	17.32	17.26	17.32	0-2	0
	36	18	17.22	17.22	17.34		0
	36	37	17.19	17.21	17.39		0
	75	0	17.26	17.20	17.37		0
64QAM	1	0	17.59	17.38	17.24	0-2	0
	1	36	17.34	17.31	17.26		0
	1	74	17.33	17.37	17.41		0
	36	0	17.37	17.20	17.32	0-3	0
	36	18	17.27	17.17	17.34		0
	36	37	17.22	17.16	17.38		0
	75	0	17.25	17.18	17.31		0
256QAM	1	0	17.17	17.47	17.23	0-5	0
	1	36	16.95	17.39	17.25		0
	1	74	16.89	17.46	17.35		0
	36	0	17.32	17.17	17.30		0
	36	18	17.21	17.16	17.33		0
	36	37	17.15	17.14	17.40		0
	75	0	17.18	17.18	17.35		0

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Table H- 58

LTE Band 25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090.0 (1855.0 MHz)	26365.0 (1882.5 MHz)	26640.0 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.45	17.23	17.30	0	0
	1	25	17.32	17.15	17.24		0
	1	49	17.25	17.20	17.36		0
	25	0	17.41	17.18	17.31	0-1	0
	25	12	17.37	17.16	17.30		0
	25	25	17.33	17.12	17.31		0
	50	0	17.33	17.12	17.33	0	
16QAM	1	0	17.21	17.54	17.46	0-1	0
	1	25	17.05	17.43	17.43		0
	1	49	17.03	17.47	17.53		0
	25	0	17.41	17.19	17.28	0-2	0
	25	12	17.35	17.15	17.26		0
	25	25	17.28	17.12	17.28		0
	50	0	17.32	17.13	17.26	0	
64QAM	1	0	17.73	17.21	17.38	0-2	0
	1	25	17.53	17.11	17.28		0
	1	49	17.57	17.15	17.35		0
	25	0	17.37	17.10	17.27	0-3	0
	25	12	17.32	17.07	17.30		0
	25	25	17.23	17.03	17.29		0
	50	0	17.30	17.07	17.25	0	
256QAM	1	0	17.21	17.35	17.29	0-5	0
	1	25	17.06	17.26	17.22		0
	1	49	17.11	17.28	17.35		0
	25	0	17.35	17.12	17.22		0
	25	12	17.34	17.08	17.27		0
	25	25	17.28	17.06	17.24		0
	50	0	17.24	17.08	17.25		0

Table H- 59

LTE Band 25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065.0 (1852.5 MHz)	26365.0 (1882.5 MHz)	26665.0 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.42	17.41	17.41	0	0
	1	12	17.51	17.50	17.51		0
	1	24	17.40	17.38	17.38		0
	12	0	17.34	17.32	17.32	0-1	0
	12	6	17.34	17.32	17.30		0
	12	13	17.30	17.31	17.28		0
16QAM	25	0	17.29	17.30	17.30	0-1	0
	1	0	17.67	17.66	17.65		0
	1	12	17.79	17.80	17.79		0
	1	24	17.63	17.63	17.59	0-2	0
	12	0	17.39	17.38	17.38		0
	12	6	17.36	17.34	17.38		0
64QAM	12	13	17.36	17.34	17.37	0-2	0
	25	0	17.28	17.28	17.25		0
	1	0	17.43	17.41	17.44		0
	1	12	17.41	17.40	17.40	0-2	0
	1	24	17.37	17.36	17.38		0
	12	0	17.30	17.30	17.30		0-3
12	6	17.29	17.30	17.31	0		
12	13	17.29	17.28	17.29	0		
256QAM	25	0	17.22	17.22	17.24	0-5	0
	1	0	17.60	17.60	17.60		0
	1	12	17.11	17.12	17.12		0
	1	24	17.54	17.55	17.53		0
	12	0	17.23	17.24	17.23		0
	12	6	17.24	17.22	17.24		0
12	13	17.22	17.22	17.21	0		
	25	0	17.21	17.20	17.23	0	

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Table H- 60

LTE Band 25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 3 MHz Bandwidth

LTE Band 25 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055.0 (1851.5 MHz)	26365.0 (1882.5 MHz)	26675.0 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.38	17.22	17.30	0	0
	1	7	17.35	17.21	17.37		0
	1	14	17.32	17.15	17.38		0
	8	0	17.48	17.21	17.38	0-1	0
	8	4	17.42	17.24	17.37		0
	8	7	17.42	17.21	17.35		0
	15	0	17.39	17.19	17.27		0
16QAM	1	0	17.12	17.48	17.55	0-1	0
	1	7	17.15	17.55	17.65		0
	1	14	17.08	17.35	17.53		0
	8	0	17.48	17.13	17.42	0-2	0
	8	4	17.42	17.13	17.35		0
	8	7	17.44	17.09	17.39		0
	15	0	17.29	17.15	17.29		0
64QAM	1	0	17.57	17.29	17.33	0-2	0
	1	7	17.67	17.29	17.00		0
	1	14	17.55	17.29	17.26		0
	8	0	17.47	17.27	17.32	0-3	0
	8	4	17.37	17.25	17.31		0
	8	7	17.34	17.19	17.33		0
	15	0	17.31	17.10	17.26		0
256QAM	1	0	17.25	17.39	17.33	0-5	0
	1	7	17.30	17.50	17.26		0
	1	14	17.19	17.34	17.32		0
	8	0	17.41	17.15	17.29		0
	8	4	17.34	17.03	17.29		0
	8	7	17.34	17.12	17.29		0
	15	0	17.22	16.97	17.25		0

Table H- 61

LTE Band 25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 1.4 MHz Bandwidth

LTE Band 25 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047.0 (1850.7 MHz)	26365.0 (1882.5 MHz)	26683.0 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.39	17.14	17.33	0	0
	1	2	17.44	17.26	17.19		0
	1	5	17.36	17.14	17.35		0
	3	0	17.30	17.14	17.31		0
	3	2	17.30	17.10	17.25		0
	3	3	17.26	17.03	17.25		0
	6	0	17.48	17.26	17.38	0-1	0
16QAM	1	0	17.08	17.37	17.43	0-1	0
	1	2	17.16	17.68	17.38		0
	1	5	17.08	17.41	17.45		0
	3	0	17.39	17.18	17.36		0
	3	2	17.38	17.13	17.24		0
	3	3	17.30	17.20	17.22		0
	6	0	17.54	17.21	17.28	0-2	0
64QAM	1	0	17.60	17.20	17.59	0-2	0
	1	2	17.44	16.85	17.85		0
	1	5	17.57	17.22	17.64		0
	3	0	17.34	16.91	17.33		0
	3	2	17.20	16.97	17.35		0
	3	3	17.18	17.01	17.26		0
	6	0	17.29	17.00	17.29	0-3	0
256QAM	1	0	17.16	17.29	17.36	0-5	0
	1	2	17.43	17.44	17.07		0
	1	5	17.17	17.35	17.36		0
	3	0	17.29	16.94	17.19		0
	3	2	17.00	16.85	17.00		0
	3	3	17.12	16.84	17.16		0
	6	0	17.39	17.20	17.24	0	

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H.1.14 LTE Band 25 Antenna F

Table H- 62
LTE Band 25 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 25							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115.0 (1857.5 MHz)	26365.0 (1882.5 MHz)	26615.0 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.53	17.54	17.70	0	0
	1	36	17.44	17.49	17.61		0
	1	74	17.55	17.58	17.61		0
	36	0	17.47	17.60	17.67	0-1	0
	36	18	17.54	17.58	17.64		0
	36	37	17.51	17.53	17.64		0
	75	0	17.57	17.53	17.66		0
16QAM	1	0	17.78	17.80	17.99	0-1	0
	1	36	17.71	17.71	17.96		0
	1	74	17.82	17.81	17.89		0
	36	0	17.50	17.53	17.68	0-2	0
	36	18	17.51	17.54	17.66		0
	36	37	17.51	17.54	17.56		0
	75	0	17.51	17.50	17.63		0
64QAM	1	0	17.63	17.71	17.80	0-2	0
	1	36	17.63	17.82	17.75		0
	1	74	17.87	17.85	17.91		0
	36	0	17.51	17.61	17.63	0-3	0
	36	18	17.53	17.51	17.62		0
	36	37	17.53	17.57	17.68		0
	75	0	17.52	17.53	17.65		0
256QAM	1	0	17.58	17.62	17.71	0-5	0
	1	36	17.69	17.64	17.67		0
	1	74	17.88	17.67	17.75		0
	36	0	17.49	17.47	17.57		0
	36	18	17.47	17.49	17.55		0
	36	37	17.47	17.51	17.66		0
	75	0	17.49	17.53	17.62		0

Table H- 63
LTE Band 25 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 25							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090.0 (1855.0 MHz)	26365.0 (1882.5 MHz)	26640.0 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.54	17.58	17.72	0	0
	1	25	17.42	17.47	17.61	0	0
	1	49	17.57	17.60	17.60	0	0
	25	0	17.51	17.59	17.66	0	0
	25	12	17.49	17.56	17.72	0	0
	25	25	17.55	17.55	17.61	0	0
	50	0	17.55	17.56	17.64	0	0
16QAM	1	0	17.86	17.88	17.92	0	0
	1	25	17.86	17.91	17.85	0	0
	1	49	17.86	17.88	17.90	0	0
	25	0	17.47	17.57	17.66	0	0
	25	12	17.49	17.60	17.63	0	0
	25	25	17.58	17.54	17.59	0	0
	50	0	17.59	17.54	17.68	0	0
64QAM	1	0	17.61	17.75	17.85	0	0
	1	25	17.65	17.91	17.81	0	0
	1	49	17.93	17.78	17.94	0	0
	25	0	17.45	17.57	17.65	0	0
	25	12	17.46	17.51	17.60	0	0
	25	25	17.46	17.49	17.60	0	0
	50	0	17.51	17.53	17.68	0	0
256QAM	1	0	17.58	17.73	17.81	0	0
	1	25	17.84	17.76	17.63	0	0
	1	49	17.95	17.65	17.67	0	0
	25	0	17.68	17.54	17.65	0	0
	25	12	17.52	17.59	17.71	0	0
	25	25	17.51	17.51	17.66	0	0
	50	0	17.53	17.56	17.59	0	0

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LTE Band 25 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065.0 (1852.5 MHz)	26365.0 (1882.5 MHz)	26665.0 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.37	17.55	17.73	0	0
	1	12	17.69	17.44	17.56		0
	1	24	17.65	17.57	17.67		0
	12	0	17.54	17.61	17.68	0-1	0
	12	6	17.49	17.58	17.66		0
	12	13	17.51	17.64	17.70		0
	25	0	17.50	17.53	17.64		0
16QAM	1	0	17.77	17.82	18.03	0-1	0
	1	12	17.87	18.04	18.02		0
	1	24	17.78	17.97	18.03		0
	12	0	17.54	17.65	17.75	0-2	0
	12	6	17.57	17.66	17.80		0
	12	13	17.56	17.69	17.67		0
	25	0	17.46	17.61	17.65		0
64QAM	1	0	17.67	17.88	17.85	0-2	0
	1	12	17.67	17.76	17.75		0
	1	24	17.87	17.76	17.99		0
	12	0	17.50	17.55	17.67	0-3	0
	12	6	17.46	17.60	17.67		0
	12	13	17.51	17.59	17.67		0
	25	0	17.48	17.55	17.68		0
256QAM	1	0	17.70	17.74	17.75	0-5	0
	1	12	17.70	17.64	17.64		0
	1	24	17.83	17.71	17.74		0
	12	0	17.52	17.59	17.65		0
	12	6	17.80	17.56	17.67		0
	12	13	17.57	17.54	17.62		0
	25	0	17.50	17.55	17.65		0

Table H- 65
LTE Band 25 Ant F Measured P_{limit} for all RSI – 3 MHz Bandwidth

LTE Band 25							
3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055.0 (1851.5 MHz)	26365.0 (1882.5 MHz)	26675.0 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.52	17.55	17.73	0	0
	1	7	17.39	17.47	17.56		0
	1	14	17.47	17.56	17.58		0
	8	0	17.48	17.64	17.71	0-1	0
	8	4	17.43	17.51	17.60		0
	8	7	17.51	17.60	17.65		0
	15	0	17.53	17.54	17.76		0
16QAM	1	0	17.76	17.94	17.93	0-1	0
	1	7	17.93	17.99	18.14		0
	1	14	17.85	18.02	17.93		0
	8	0	17.53	17.59	17.72	0-2	0
	8	4	17.56	17.61	17.71		0
	8	7	17.48	17.73	17.74		0
	15	0	17.49	17.56	17.68		0
64QAM	1	0	17.71	17.87	17.88	0-2	0
	1	7	17.80	17.84	17.76		0
	1	14	17.93	17.79	18.00		0
	8	0	17.63	17.58	17.68	0-3	0
	8	4	17.70	17.59	17.71		0
	8	7	17.72	17.57	17.64		0
	15	0	17.72	17.54	17.65		0
256QAM	1	0	17.73	17.71	17.74	0-5	0
	1	7	17.69	17.64	17.73		0
	1	14	17.82	17.81	17.70		0
	8	0	17.49	17.62	17.76		0
	8	4	17.49	17.56	17.66		0
	8	7	17.44	17.66	17.63		0
	15	0	17.49	17.45	17.57		0

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Table H- 66
LTE Band 25 Ant F Measured P_{limit} for all RSI – 1.4 MHz Bandwidth

LTE Band 25 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047.0 (1850.7 MHz)	26365.0 (1882.5 MHz)	26683.0 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.76	17.59	17.74	0	0
	1	2	17.76	17.63	17.69		0
	1	5	17.69	17.61	17.76		0
	3	0	17.71	17.63	17.76		0
	3	2	17.67	17.59	17.78		0
	3	3	17.76	17.54	17.78		0
	6	0	17.76	17.62	17.70	0-1	0
16QAM	1	0	17.75	17.93	17.96	0-1	0
	1	2	17.69	17.88	17.94		0
	1	5	17.70	17.80	18.00		0
	3	0	17.79	17.71	17.81		0
	3	2	17.77	17.80	17.87		0
	3	3	17.71	17.77	17.87		0
	6	0	17.74	17.71	17.70	0-2	0
64QAM	1	0	17.93	17.77	17.97	0-2	0
	1	2	17.97	17.79	17.97		0
	1	5	17.88	17.81	17.99		0
	3	0	17.69	17.71	17.81		0
	3	2	17.76	17.72	17.80		0
	3	3	17.65	17.75	17.77		0
	6	0	17.79	17.55	17.72	0-3	0
256QAM	1	0	17.94	17.67	17.81	0-5	0
	1	2	17.90	17.68	17.75		0
	1	5	17.91	17.68	17.76		0
	3	0	17.88	17.72	17.78		0
	3	2	17.84	17.62	17.82		0
	3	3	17.86	17.67	17.82		0
	6	0	17.75	17.54	17.69	0	

H.1.15 LTE Band 30 Antenna B

Table H- 67
LTE Band 30 Ant B Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.23	0	0
	1	12	23.75		0
	1	24	23.64		0
	12	0	22.56	0-1	1
	12	6	22.58		1
	12	13	22.54		1
	25	0	22.54		1
16QAM	1	0	22.43	0-1	1
	1	12	22.96		1
	1	24	22.94		1
	12	0	21.59	0-2	2
	12	6	21.57		2
	12	13	21.59		2
	25	0	21.51		2
64QAM	1	0	21.64	0-2	2
	1	12	21.50		2
	1	24	21.58		2
	12	0	20.46	0-3	3
	12	6	20.42		3
	12	13	20.40		3
	25	0	20.33		3
256QAM	1	0	18.73	0-5	5
	1	12	18.36		5
	1	24	18.58		5
	12	0	18.27		5
	12	6	18.26		5
	12	13	18.24		5
	25	0	18.25		5

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Table H- 68
LTE Band 30 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710.0 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	18.08	0	0
	1	12	18.14		0
	1	24	17.99		0
	12	0	17.95	0-1	0
	12	6	17.95		0
	12	13	17.95		0
	25	0	17.95		0
16QAM	1	0	18.41	0-1	0
	1	12	18.55		0
	1	24	18.40		0
	12	0	18.14	0-2	0
	12	6	18.15		0
	12	13	18.18		0
	25	0	18.11		0
64QAM	1	0	18.21	0-2	0
	1	12	18.31		0
	1	24	18.16		0
	12	0	18.14	0-3	0
	12	6	18.11		0
	12	13	18.15		0
	25	0	18.10		0
256QAM	1	0	18.44	0-5	0
	1	12	18.02		0
	1	24	18.32		0
	12	0	18.00		0
	12	6	17.98		0
	12	13	17.97		0
	25	0	17.97		0

H.1.16 LTE Band 30 Antenna F

Table H- 69
LTE Band 30 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710.0 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	17.89	0	0
	1	12	17.73		0
	1	24	17.82		0
	12	0	17.92	0-1	0
	12	6	17.77		0
	12	13	17.85		0
	25	0	17.78		0
16QAM	1	0	18.29	0-1	0
	1	12	18.25		0
	1	24	18.08		0
	12	0	17.93	0-2	0
	12	6	17.94		0
	12	13	17.91		0
	25	0	17.79		0
64QAM	1	0	18.18	0-2	0
	1	12	17.90		0
	1	24	18.01		0
	12	0	17.88	0-3	0
	12	6	17.90		0
	12	13	17.84		0
	25	0	17.82		0
256QAM	1	0	17.90	0-5	0.5
	1	12	17.88		0.5
	1	24	17.98		0.5
	12	0	17.79		0.5
	12	6	17.80		0.5
	12	13	17.74		0.5
	25	0	17.82		0.5

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H.1.17 LTE Band 7 Antenna B

Table H- 70
LTE Band 7 Ant B Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.41	23.37	23.49	0	0
	1	36	23.21	23.36	23.47		0
	1	74	23.17	23.44	23.48		0
	36	0	22.33	22.37	22.47	0-1	1
	36	18	22.22	22.37	22.49		1
	36	37	22.15	22.40	22.45		1
	75	0	22.23	22.45	22.46		1
16QAM	1	0	22.60	22.59	22.67	0-1	1
	1	36	22.40	22.64	22.70		1
	1	74	22.44	22.63	22.74		1
	36	0	21.25	21.36	21.37	0-2	2
	36	18	21.20	21.33	21.45		2
	36	37	21.15	21.37	21.46		2
	75	0	21.15	21.33	21.45		2
64QAM	1	0	21.46	21.49	21.69	0-2	2
	1	36	21.34	21.46	21.66		2
	1	74	21.28	21.68	21.64		2
	36	0	20.36	20.38	20.47	0-3	3
	36	18	20.25	20.41	20.50		3
	36	37	20.18	20.43	20.48		3
	75	0	20.26	20.38	20.52		3
256QAM	1	0	18.36	18.40	18.42	0-5	5
	1	36	18.26	18.45	18.40		5
	1	74	18.15	18.71	18.44		5
	36	0	18.30	18.37	18.41		5
	36	18	18.21	18.42	18.43		5
	36	37	18.08	18.40	18.47		5
	75	0	18.20	18.30	18.36		5

Table H- 71
LTE Band 7 Ant B Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.39	23.32	23.68	0	0
	1	25	23.14	23.31	23.67		0
	1	49	23.19	23.38	23.69		0
	25	0	22.23	22.33	22.67	0-1	1
	25	12	22.32	22.24	22.66		1
	25	25	22.16	22.31	22.71		1
	50	0	22.25	22.29	22.66		1
16QAM	1	0	22.50	22.62	22.91	0-1	1
	1	25	22.45	22.61	22.83		1
	1	49	22.44	22.68	22.91		1
	25	0	21.19	21.25	21.62	0-2	2
	25	12	21.26	21.26	21.66		2
	25	25	21.15	21.37	21.66		2
	50	0	21.20	21.35	21.72		2
64QAM	1	0	21.33	21.42	21.81	0-2	2
	1	25	21.31	21.41	21.70		2
	1	49	21.24	21.66	21.79		2
	25	0	20.24	20.30	20.61	0-3	3
	25	12	20.21	20.27	20.60		3
	25	25	20.12	20.31	20.67		3
	50	0	20.25	20.33	20.67		3
256QAM	1	0	18.38	18.45	18.69	0-5	5
	1	25	18.21	18.50	18.67		5
	1	49	18.15	18.67	18.67		5
	25	0	18.28	18.35	18.61		5
	25	12	18.27	18.34	18.64		5
	25	25	18.18	18.34	18.63		5
	50	0	18.20	18.33	18.60		5

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Table H- 72
LTE Band 7 Ant B Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.26	23.30	23.46	0	0
	1	12	23.35	23.50	23.67		0
	1	24	23.09	23.31	23.35		0
	12	0	22.11	22.33	22.39	0-1	1
	12	6	22.29	22.37	22.39		1
	12	13	22.49	22.32	22.42		1
	25	0	22.36	22.30	22.43		1
16QAM	1	0	22.38	22.57	22.70	0-1	1
	1	12	22.68	22.77	22.72		1
	1	24	22.59	22.69	22.63		1
	12	0	21.31	21.32	21.41	0-2	2
	12	6	21.30	21.34	21.45		2
	12	13	21.25	21.39	21.41		2
	25	0	21.27	21.35	21.38		2
64QAM	1	0	21.39	21.51	21.66	0-2	2
	1	12	21.57	21.71	21.74		2
	1	24	21.43	21.67	21.68		2
	12	0	20.28	20.35	20.42	0-3	3
	12	6	20.29	20.35	20.44		3
	12	13	20.30	20.33	20.46		3
	25	0	20.23	20.26	20.35		3
256QAM	1	0	18.32	18.42	18.44	0-5	5
	1	12	18.42	18.49	18.43		5
	1	24	18.18	18.72	18.48		5
	12	0	18.17	18.24	18.31		5
	12	6	18.22	18.30	18.30		5
	12	13	18.18	18.31	18.34		5
	25	0	18.21	18.27	18.36		5

Table H- 73
LTE Band 7 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825.0 (2507.5 MHz)	21100.0 (2535.0 MHz)	21375.0 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.85	18.01	17.95	0	0
	1	36	17.91	17.98	17.81		0
	1	74	17.86	18.07	17.84		0
	36	0	17.90	18.06	17.91	0-1	0
	36	18	17.96	18.07	17.88		0
	36	37	17.98	18.07	17.90		0
16QAM	75	0	17.93	18.04	17.90	0-1	0
	1	0	17.57	18.09	18.27		0
	1	36	17.64	18.05	18.13		0
	1	74	17.75	18.13	18.16	0-2	0
	36	0	17.90	18.16	17.95		0
	36	18	17.97	18.16	17.93		0
64QAM	36	37	18.02	18.16	17.90	0-2	0
	75	0	17.96	18.09	17.93		0
	1	0	18.18	18.26	18.03		0-2
	1	36	18.18	18.17	17.93	0	
	1	74	18.36	18.43	17.97	0	
	36	0	17.97	18.10	18.00	0-3	0
256QAM	36	18	18.01	18.08	17.98		0
	36	37	18.06	18.12	17.98		0
	75	0	17.97	18.07	17.94	0-5	0
	1	0	17.75	18.55	18.07		0
	1	36	17.79	18.50	17.93		0
	1	74	17.91	18.59	17.93		0
	36	0	17.92	18.08	18.00		0
	36	18	17.97	18.09	17.96		0
36	37	18.02	18.10	17.96	0		
75	0	17.89	18.07	18.00	0		

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Table H- 74

LTE Band 7 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800.0 (2505.0 MHz)	21100.0 (2535.0 MHz)	21400.0 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.87	18.12	17.89	0	0
	1	25	17.84	18.02	17.83		0
	1	49	17.98	18.12	17.87		0
	25	0	17.88	18.06	17.94	0-1	0
	25	12	17.89	18.10	17.94		0
	25	25	17.95	18.09	17.89		0
	50	0	17.89	18.06	17.93		0
16QAM	1	0	17.61	18.33	18.22	0-1	0
	1	25	17.57	18.13	18.13		0
	1	49	17.72	18.49	18.15		0
	25	0	17.93	18.19	18.01	0-2	0
	25	12	17.98	18.13	17.99		0
	25	25	18.04	18.15	17.93		0
	50	0	17.98	18.14	18.01		0
64QAM	1	0	18.20	18.18	18.08	0-2	0
	1	25	18.15	18.10	17.89		0
	1	49	18.32	18.20	17.97		0
	25	0	17.94	18.10	18.05	0-3	0
	25	12	17.94	18.12	18.04		0
	25	25	17.95	18.08	18.01		0
	50	0	17.96	18.12	17.97		0
256QAM	1	0	17.75	18.43	18.05	0-5	0
	1	25	17.68	18.33	17.93		0
	1	49	17.86	18.43	18.00		0
	25	0	17.94	18.16	18.03		0
	25	12	17.99	18.14	17.99		0
	25	25	17.99	18.12	17.99		0
	50	0	17.94	18.12	18.01		0

Table H- 75

LTE Band 7 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775.0 (2502.5 MHz)	21100.0 (2535.0 MHz)	21425.0 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.84	18.13	18.01	0	0
	1	12	17.86	18.21	18.02		0
	1	24	17.88	18.13	17.98		0
	12	0	17.83	18.07	17.92	0-1	0
	12	6	17.86	18.08	17.88		0
	12	13	17.86	18.08	17.87		0
	25	0	17.90	18.05	17.87		0
16QAM	1	0	17.92	18.25	18.34	0-1	0
	1	12	18.07	18.37	18.33		0
	1	24	17.97	18.50	18.26		0
	12	0	17.90	18.25	18.05	0-2	0
	12	6	17.97	18.24	18.05		0
	12	13	17.95	18.25	18.02		0
	25	0	17.92	18.12	17.92		0
64QAM	1	0	18.25	18.38	18.06	0-2	0
	1	12	18.53	18.52	18.13		0
	1	24	18.34	18.55	17.98		0
	12	0	18.02	18.19	18.00	0-3	0
	12	6	17.97	18.22	17.92		0
	12	13	18.03	18.20	17.96		0
	25	0	17.91	18.05	17.91		0
256QAM	1	0	18.19	18.42	18.43	0-5	0
	1	12	18.44	18.52	18.09		0
	1	24	18.32	18.46	18.31		0
	12	0	17.87	18.10	17.95		0
	12	6	17.87	18.10	17.89		0
	12	13	17.86	18.08	17.91		0
	25	0	17.88	18.09	17.92		0

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H.1.18 LTE Band 7 Antenna F

Table H- 76
LTE Band 7 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825.0 (2507.5 MHz)	21100.0 (2535.0 MHz)	21375.0 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.39	15.78	15.35	0	0
	1	36	15.49	15.60	15.69		0
	1	74	15.38	15.60	15.77		0
	36	0	15.42	15.75	15.82	0-1	0
	36	18	15.61	15.62	15.73		0
	36	37	15.59	15.62	15.69		0
	75	0	15.62	15.69	15.76		0
16QAM	1	0	15.90	15.68	15.68	0-1	0
	1	36	15.55	15.62	15.41		0
	1	74	15.88	15.75	15.57		0
	36	0	15.65	15.77	15.37	0-2	0
	36	18	15.63	15.72	15.33		0
	36	37	15.58	15.66	15.25		0
	75	0	15.65	15.70	15.26		0
64QAM	1	0	15.70	15.87	15.52	0-2	0
	1	36	15.55	15.81	15.72		0
	1	74	15.71	15.83	15.54		0
	36	0	15.67	15.71	15.32	0-3	0
	36	18	15.61	15.71	15.30		0
	36	37	15.57	15.64	15.22		0
	75	0	15.57	15.70	15.27		0
256QAM	1	0	15.70	15.70	15.33	0-5	0
	1	36	15.28	15.68	15.42		0
	1	74	15.25	15.78	15.58		0
	36	0	14.99	15.57	15.25		0
	36	18	14.95	15.62	15.19		0
	36	37	15.61	15.56	15.32		0
	75	0	15.54	15.64	15.21		0

Table H- 77
LTE Band 7 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800.0 (2505.0 MHz)	21100.0 (2535.0 MHz)	21400.0 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.53	15.56	15.31	0	0
	1	25	15.45	15.57	15.59		0
	1	49	15.54	15.60	15.68		0
	25	0	15.54	15.71	15.92	0-1	0
	25	12	15.57	15.73	15.82		0
	25	25	15.50	15.62	15.80		0
	50	0	15.66	15.65	15.78		0
16QAM	1	0	15.81	15.62	15.62	0-1	0
	1	25	15.82	15.60	15.54		0
	1	49	15.86	15.65	15.37		0
	25	0	15.61	15.64	15.29	0-2	0
	25	12	15.56	15.64	15.15		0
	25	25	15.56	15.66	15.22		0
	50	0	15.64	15.64	15.27		0
64QAM	1	0	15.72	15.77	15.47	0-2	0
	1	25	15.52	15.75	15.62		0
	1	49	15.71	15.79	15.61		0
	25	0	15.59	15.70	15.48	0-3	0
	25	12	15.58	15.68	15.44		0
	25	25	15.58	15.66	15.36		0
	50	0	15.62	15.65	15.42		0
256QAM	1	0	15.60	15.70	15.64	0-5	0
	1	25	15.51	15.53	15.49		0
	1	49	15.62	15.64	15.63		0
	25	0	15.49	15.60	15.25		0
	25	12	15.57	15.63	15.26		0
	25	25	15.53	15.58	15.24		0
	50	0	15.57	15.55	15.19		0

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Table H- 78
LTE Band 7 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775.0 (2502.5 MHz)	21100.0 (2535.0 MHz)	21425.0 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.77	15.90	15.77	0	0
	1	12	15.63	15.94	15.66		0
	1	24	15.78	16.12	15.68		0
	12	0	15.71	16.21	15.72	0-1	0
	12	6	15.92	16.15	15.70		0
	12	13	15.88	16.20	15.69		0
	25	0	16.09	16.17	15.73		0
16QAM	1	0	15.82	15.62	15.63	0-1	0
	1	12	15.70	15.42	15.55		0
	1	24	15.95	15.58	15.35		0
	12	0	15.70	15.82	15.35	0-2	0
	12	6	15.63	15.80	15.31		0
	12	13	15.71	15.74	15.30		0
	25	0	15.59	15.73	15.18		0
64QAM	1	0	15.83	15.91	15.51	0-2	0
	1	12	15.68	15.84	15.62		0
	1	24	15.73	15.84	15.52		0
	12	0	15.60	15.75	15.23	0-3	0
	12	6	15.60	15.69	15.21		0
	12	13	15.57	15.69	15.21		0
	25	0	15.58	15.68	15.20		0
256QAM	1	0	15.32	15.50	15.67	0-5	0
	1	12	15.22	15.50	15.62		0
	1	24	15.25	15.67	15.60		0
	12	0	15.44	15.65	15.55		0
	12	6	15.21	15.60	15.60		0
	12	13	15.24	15.64	15.51		0
	25	0	15.37	15.37	15.57		0

H.1.19 LTE Band 41 Antenna B

Table H- 79
LTE Band 41 Ant B Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.08	23.03	22.92	23.00	23.01	0	0
	1	36	22.89	23.07	22.85	22.84	22.84		0
	1	74	22.86	23.24	22.91	22.89	22.84		0
	36	0	22.05	22.14	21.97	21.96	22.00	0-1	1
	36	18	22.01	22.18	21.98	21.93	21.96		1
	36	37	21.96	22.20	21.93	21.91	21.89		1
	75	0	21.99	22.11	21.92	21.90	21.90		1
16QAM	1	0	22.08	21.98	21.71	21.93	21.93	0-1	1
	1	36	21.87	21.99	21.69	21.79	21.81		1
	1	74	21.86	22.10	21.65	21.83	21.80		1
	36	0	21.00	21.07	20.91	20.91	20.96	0-2	2
	36	18	20.97	21.14	20.91	20.89	20.91		2
	36	37	20.89	21.15	20.86	20.86	20.86		2
	75	0	20.99	21.16	20.94	20.94	20.95		2
64QAM	1	0	20.83	20.74	20.63	20.65	20.74	0-2	2
	1	36	20.61	20.79	20.56	20.54	20.57		2
	1	74	20.60	20.94	20.64	20.60	20.58		2
	36	0	20.04	20.14	19.95	19.97	20.02	0-3	3
	36	18	19.99	20.18	19.96	19.96	19.97		3
	36	37	19.94	20.19	19.93	19.91	19.91		3
	75	0	20.02	20.21	19.98	19.98	19.97		3
256QAM	1	0	17.99	17.93	17.83	17.86	17.94	0-5	5
	1	36	17.80	17.96	17.77	17.77	17.78		5
	1	74	17.80	18.14	17.85	17.82	17.79		5
	36	0	18.13	18.18	18.04	18.03	18.08		5
	36	18	18.08	18.23	18.05	18.03	18.05		5
	36	37	18.03	18.27	18.01	18.01	18.01		5
	75	0	18.02	18.19	18.00	17.98	18.00		5

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Table H- 80
LTE Band 41 Ant B Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.03	23.08	22.91	22.96	23.01	0	0
	1	25	22.85	23.04	22.81	22.78	22.81		0
	1	49	22.87	23.15	22.87	22.85	22.82		0
	25	0	22.04	22.12	21.97	21.93	21.97	0-1	1
	25	12	22.01	22.14	21.94	21.90	21.91		1
	25	25	21.96	22.17	21.92	21.90	21.89		1
	50	0	21.96	22.08	21.87	21.86	21.87		1
16QAM	1	0	21.99	21.95	21.69	21.85	21.91	0-1	1
	1	25	21.87	21.98	21.70	21.81	21.84		1
	1	49	21.88	21.95	21.66	21.85	21.82		1
	25	0	21.05	21.16	20.96	20.97	21.00	0-2	2
	25	12	21.02	21.19	20.98	20.97	20.98		2
	25	25	20.98	21.21	20.94	20.94	20.95		2
	50	0	21.00	21.14	20.94	20.91	20.93		2
64QAM	1	0	20.75	20.78	20.65	20.63	20.72	0-2	2
	1	25	20.61	20.83	20.60	20.55	20.60		2
	1	49	20.57	20.89	20.59	20.57	20.56		2
	25	0	19.99	20.14	19.93	19.93	19.98	0-3	3
	25	12	19.98	20.15	19.94	19.93	19.95		3
	25	25	19.92	20.17	19.91	19.90	19.91		3
	50	0	20.03	20.22	19.99	20.02	20.01		3
256QAM	1	0	17.97	17.97	17.84	17.84	17.93	0-5	5
	1	25	17.78	17.95	17.78	17.74	17.78		5
	1	49	17.80	18.08	17.79	17.79	17.78		5
	25	0	18.06	18.17	18.00	17.98	18.01		5
	25	12	18.04	18.19	17.99	17.98	17.98		5
	25	25	17.99	18.19	17.97	17.95	17.97		5
	50	0	18.10	18.24	18.03	18.02	18.03		5

Table H- 81
LTE Band 41 Ant B Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.12	23.10	22.92	22.91	22.89	0	0
	1	12	22.91	22.69	22.53	22.62	22.65		0
	1	24	23.12	23.09	22.90	22.90	22.91		0
	12	0	22.13	22.10	21.92	21.91	21.92	0-1	1
	12	6	22.09	22.09	21.90	21.90	21.91		1
	12	13	22.11	22.10	21.92	21.91	21.90		1
	25	0	22.13	22.14	21.93	21.91	21.93		1
16QAM	1	0	22.12	21.89	21.70	21.91	21.93	0-1	1
	1	12	22.34	21.99	21.65	21.94	21.89		1
	1	24	22.05	22.02	21.55	21.86	21.87		1
	12	0	21.09	21.07	20.88	20.86	20.88	0-2	2
	12	6	21.07	21.06	20.86	20.87	20.88		2
	12	13	21.07	21.07	20.87	20.88	20.88		2
	25	0	21.19	21.18	20.99	20.98	20.99		2
64QAM	1	0	20.78	20.78	20.58	20.58	20.60	0-2	2
	1	12	21.00	21.02	20.81	20.78	20.81		2
	1	24	20.77	20.78	20.61	20.60	20.61		2
	12	0	20.08	20.10	19.90	19.90	19.90	0-3	3
	12	6	20.04	20.07	19.86	19.87	19.86		3
	12	13	20.07	20.06	19.87	19.86	19.89		3
	25	0	20.12	20.11	19.91	19.91	19.91		3
256QAM	1	0	18.00	18.01	17.81	17.81	17.81	0-5	5
	1	12	18.03	18.07	17.87	17.86	17.87		5
	1	24	17.98	17.99	17.81	17.80	17.80		5
	12	0	18.26	18.26	18.07	18.08	18.08		5
	12	6	18.27	18.26	18.08	18.08	18.07		5
	12	13	18.24	18.25	18.07	18.06	18.05		5
	25	0	18.19	18.20	18.01	18.01	18.00		5

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Table H- 82

LTE Band 41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	18.05	17.98	17.91	17.95	18.02	0	0
	1	36	17.88	18.01	17.83	17.85	17.88		0
	1	74	17.86	18.17	17.89	17.89	17.88		0
	36	0	18.03	18.08	17.94	17.94	18.00	0-1	0
	36	18	17.97	18.11	17.94	17.94	17.97		0
	36	37	17.91	18.14	17.90	17.91	17.93		0
	75	0	17.96	18.10	17.92	17.92	17.95		0
16QAM	1	0	18.10	18.00	17.93	17.98	18.03	0-1	0
	1	36	17.88	18.00	17.84	17.86	17.86		0
	1	74	17.83	18.15	17.81	17.90	17.86		0
	36	0	17.98	18.01	17.88	17.90	17.95	0-2	0
	36	18	17.93	18.05	17.91	17.89	17.92		0
	36	37	17.86	18.08	17.87	17.86	17.86		0
	75	0	17.95	18.08	17.93	17.91	17.93		0
64QAM	1	0	17.96	17.67	17.61	17.65	17.71	0-2	0
	1	36	17.85	17.69	17.55	17.55	17.66		0
	1	74	17.83	17.86	17.62	17.60	17.58		0
	36	0	18.03	18.05	17.96	17.95	18.00	0-3	0
	36	18	17.94	18.09	17.96	17.95	17.95		0
	36	37	17.90	18.13	17.94	17.92	17.93		0
	75	0	17.95	18.11	17.95	17.94	17.95		0
256QAM	1	0	17.99	17.90	17.85	17.89	17.95	0-5	0
	1	36	17.79	17.94	17.79	17.78	17.80		0
	1	74	17.77	18.13	17.85	17.84	17.83		0
	36	0	18.11	18.14	18.05	18.06	18.12		0
	36	18	18.08	18.22	18.06	18.06	18.08		0
	36	37	18.02	18.24	18.03	18.02	18.04		0
	75	0	18.02	18.18	18.00	18.01	18.03		0

Table H- 83

LTE Band 41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	17.99	18.02	17.90	17.90	17.99	0	0
	1	25	17.81	18.00	17.82	17.77	17.86		0
	1	49	17.84	18.12	17.85	17.85	17.86		0
	25	0	18.01	18.11	17.92	17.93	17.99	0-1	0
	25	12	17.98	18.11	17.94	17.89	17.94		0
	25	25	17.92	18.14	17.91	17.89	17.93		0
	50	0	17.98	18.11	17.93	17.92	17.95		0
16QAM	1	0	17.99	18.00	17.87	17.88	17.95	0-1	0
	1	25	17.93	18.07	17.83	17.84	17.87		0
	1	49	17.88	18.16	17.86	17.90	17.89		0
	25	0	18.01	18.10	17.92	17.93	18.00	0-2	0
	25	12	17.98	18.12	17.95	17.93	17.97		0
	25	25	17.95	18.16	17.90	17.93	17.94		0
	50	0	17.98	18.13	17.93	17.96	17.98		0
64QAM	1	0	17.91	17.74	17.60	17.62	17.69	0-2	0
	1	25	17.69	17.87	17.68	17.66	17.69		0
	1	49	17.64	17.83	17.56	17.56	17.57		0
	25	0	17.97	18.06	17.89	17.91	17.95	0-3	0
	25	12	17.94	18.07	17.89	17.89	17.91		0
	25	25	17.88	18.10	17.86	17.89	17.90		0
	50	0	18.04	18.19	17.98	18.01	18.03		0
256QAM	1	0	17.97	17.98	17.84	17.85	17.96	0-5	0
	1	25	17.77	17.98	17.77	17.79	17.85		0
	1	49	17.79	18.06	17.79	17.82	17.81		0
	25	0	18.05	18.16	17.98	17.98	18.06		0
	25	12	18.00	18.19	17.97	18.00	18.01		0
	25	25	17.99	18.19	17.97	17.97	17.99		0
	50	0	18.06	18.22	18.02	18.03	18.09		0

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Table H- 84
LTE Band 41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	18.39	18.41	17.92	17.90	17.85	0	0
	1	12	18.01	18.10	17.64	17.69	17.61		0
	1	24	18.39	18.41	17.81	17.90	17.88		0
	12	0	18.41	18.42	17.82	17.91	17.91	0-1	0
	12	6	18.41	18.42	17.93	17.88	17.89		0
	12	13	18.40	18.40	17.91	17.90	17.90		0
	25	0	18.40	18.40	17.90	17.91	17.91		0
16QAM	1	0	18.43	18.13	17.93	17.93	17.92	0-1	0
	1	12	18.40	18.24	17.95	17.98	18.00		0
	1	24	18.37	18.30	17.86	17.85	17.87		0
	12	0	18.35	18.37	17.86	17.84	17.84	0-2	0
	12	6	18.34	18.35	17.84	17.82	17.84		0
	12	13	18.34	18.35	17.84	17.84	17.79		0
	25	0	18.43	18.45	17.94	17.94	17.96		0
64QAM	1	0	18.07	18.08	17.58	17.56	17.58	0-2	0
	1	12	18.20	18.19	17.67	17.63	17.66		0
	1	24	18.07	18.09	17.57	17.56	17.59		0
	12	0	18.37	18.39	17.87	17.85	17.89	0-3	0
	12	6	18.36	18.37	17.86	17.82	17.86		0
	12	13	18.35	18.36	17.84	17.85	17.86		0
	25	0	18.40	18.39	17.89	17.90	17.91		0
256QAM	1	0	18.33	18.34	17.81	17.80	17.83	0-5	0
	1	12	18.50	18.48	17.98	17.97	17.98		0
	1	24	18.30	18.32	17.81	17.80	17.81		0
	12	0	18.59	18.49	18.07	18.09	18.09		0
	12	6	18.54	18.54	18.04	18.03	18.05		0
	12	13	18.58	18.57	18.07	18.06	18.07		0
	25	0	18.54	18.55	18.00	18.02	18.02		0

H.1.20 LTE Band 41 Antenna F

Table H- 85
LTE Band 41 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	16.72	16.77	16.33	16.34	16.49	0	0	
	1	36	16.73	16.61	16.22	16.36	16.44		0	
	1	74	16.88	16.55	16.24	16.40	16.46		0	
	36	0	16.82	16.77	16.33	16.48	16.56	0-1	0	
	36	18	16.85	16.72	16.33	16.47	16.59		0	
	36	37	16.87	16.67	16.30	16.48	16.54		0	
16QAM	75	0	16.92	16.75	16.35	16.53	16.66	0-1	0	
	1	0	16.75	16.77	16.35	16.37	16.47		0	
	1	36	16.73	16.58	16.19	16.31	16.41		0	
	1	74	16.85	16.52	16.20	16.34	16.40	0-2	0	
	36	0	16.74	16.69	16.25	16.37	16.48		0	
	36	18	16.79	16.65	16.26	16.38	16.48		0	
	36	37	16.79	16.59	16.22	16.37	16.43	0		
	75	0	16.87	16.72	16.32	16.47	16.58	0		
	64QAM	1	0	16.63	16.66	16.20	16.24	16.16	0-2	0
		1	36	16.63	16.50	16.29	16.21	16.13		0
1		74	16.79	16.43	16.28	16.27	16.14	0		
36		0	16.99	16.95	16.51	16.63	16.53	0-3	0	
36		18	17.03	16.90	16.50	16.64	16.53		0	
36		37	17.05	16.86	16.47	16.63	16.48		0	
75		0	17.08	16.96	16.56	16.70	16.60		0	
256QAM	1	0	16.81	16.83	16.57	16.38	16.36	0-5	0	
	1	36	16.82	16.66	16.44	16.34	16.30		0	
	1	74	16.97	16.61	16.26	16.40	16.31		0	
	36	0	16.83	16.78	16.33	16.44	16.56		0	
	36	18	16.88	16.75	16.33	16.45	16.57		0	
	36	37	16.92	16.69	16.32	16.45	16.55		0	
	75	0	16.91	16.75	16.34	16.47	16.60		0	

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Table H- 86
LTE Band 41 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	16.76	16.69	16.28	16.43	16.62	0	0
	1	25	16.70	16.59	16.19	16.34	16.41		0
	1	49	16.79	16.56	16.24	16.39	16.41		0
	25	0	16.88	16.75	16.36	16.53	16.65	0-1	0
	25	12	16.87	16.74	16.34	16.51	16.65		0
	25	25	16.88	16.71	16.33	16.51	16.61		0
	50	0	16.86	16.68	16.31	16.47	16.64		0
16QAM	1	0	16.71	16.67	16.22	16.36	16.44	0-1	0
	1	25	16.69	16.57	16.16	16.29	16.39		0
	1	49	16.82	16.59	16.24	16.38	16.43		0
	25	0	16.84	16.75	16.34	16.47	16.57	0-2	0
	25	12	16.85	16.76	16.32	16.46	16.58		0
	25	25	16.85	16.71	16.32	16.47	16.55		0
	50	0	16.84	16.70	16.32	16.46	16.58		0
64QAM	1	0	16.74	16.70	16.25	16.39	16.19	0-2	0
	1	25	16.83	16.71	16.46	16.42	16.18		0
	1	49	16.79	16.55	16.19	16.35	16.10		0
	25	0	17.10	17.01	16.59	16.73	16.53	0-3	0
	25	12	17.11	17.01	16.59	16.73	16.53		0
	25	25	17.12	16.97	16.58	16.73	16.51		0
	50	0	17.20	17.06	16.65	16.79	16.63		0
256QAM	1	0	16.93	16.88	16.40	16.54	16.36	0-5	0
	1	25	16.94	16.80	16.56	16.49	16.32		0
	1	49	17.00	16.73	16.37	16.52	16.31		0
	25	0	17.14	17.04	16.61	16.73	16.57		0
	25	12	17.14	17.03	16.60	16.72	16.58		0
	25	25	17.16	17.01	16.59	16.74	16.55		0
	50	0	17.20	17.07	16.67	16.78	16.65		0

Table H- 87
LTE Band 41 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750.0 (2506.0 MHz)	40185.0 (2549.5 MHz)	40620.0 (2593.0 MHz)	41055.0 (2636.5 MHz)	41490.0 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	17.23	16.93	16.90	16.85	16.85	0	0
	1	12	16.81	16.46	16.50	16.52	16.45		0
	1	24	17.24	16.85	16.95	16.85	16.87		0
	12	0	17.21	16.92	16.89	16.86	16.86		0
	12	6	17.21	16.88	16.93	16.83	16.86		0
	12	13	17.22	16.88	16.92	16.84	16.86		0
	25	0	17.20	16.91	16.90	16.85	16.86		0
16QAM	1	0	16.88	16.56	16.57	16.49	16.52	0-1	0
	1	12	16.83	16.49	16.57	16.47	16.53		0
	1	24	16.84	16.43	16.54	16.41	16.45		0
	12	0	17.17	16.85	16.87	16.80	16.82	0-2	0
	12	6	17.14	16.82	16.89	16.77	16.82		0
	12	13	17.19	16.83	16.89	16.80	16.81		0
	25	0	17.27	16.95	16.96	16.89	16.89		0
64QAM	1	0	16.91	16.58	16.60	16.52	16.55	0-2	0
	1	12	17.08	16.76	16.77	16.67	16.69		0
	1	24	16.95	16.53	16.62	16.52	16.55		0
	12	0	17.19	16.87	16.88	16.82	16.85	0-3	0
	12	6	17.19	16.85	16.89	16.78	16.83		0
	12	13	17.19	16.85	16.89	16.80	16.84		0
	25	0	17.21	16.91	16.91	16.85	16.87		0
256QAM	1	0	17.10	16.78	16.81	16.69	16.75	0-5	0
	1	12	16.86	16.52	16.59	16.47	16.52		0
	1	24	16.73	16.49	16.42	16.29	16.33		0
	12	0	16.96	16.64	16.65	16.57	16.60		0
	12	6	16.96	16.60	16.64	16.54	16.60		0
	12	13	16.97	16.60	16.65	16.56	16.60		0
	25	0	16.89	16.56	16.58	16.52	16.54		0

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H.1.21 LTE Band 48 Antenna F

Table H- 88
LTE Band 48 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315.0 (3557.5 MHz)	55765.0 (3602.5 MHz)	56215.0 (3647.5 MHz)	56665.0 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	17.09	16.88	16.78	16.86	0	0
	1	36	17.08	16.70	16.72	16.78		0
	1	74	17.23	16.70	16.70	16.98		0
	36	0	17.17	16.83	16.82	16.97	0-1	0
	36	18	17.22	16.79	16.82	17.01		0
	36	37	17.25	16.75	16.76	17.00		0
	75	0	17.22	16.79	16.81	16.94		0
16QAM	1	0	17.14	16.89	16.71	16.85	0-1	0
	1	36	17.12	16.70	16.72	16.82		0
	1	74	17.23	16.69	16.70	16.94		0
	36	0	17.11	16.78	16.77	16.87	0-2	0
	36	18	17.14	16.74	16.78	16.87		0
	36	37	17.18	16.71	16.72	16.91		0
	75	0	17.19	16.78	16.80	16.91		0
64QAM	1	0	16.81	16.56	16.47	16.55	0-2	0
	1	36	16.91	16.39	16.42	16.52		0
	1	74	17.10	16.59	16.39	16.61		0
	36	0	17.17	16.86	16.84	16.93	0-3	0
	36	18	17.22	16.81	16.83	16.98		0
	36	37	17.25	16.77	16.78	16.96		0
	75	0	17.22	16.81	16.84	16.96		0
256QAM	1	0	16.97	16.73	16.63	16.75	0-5	0
	1	36	16.98	16.56	16.58	16.70		0
	1	74	17.13	16.57	16.56	16.80		0
	36	0	17.21	16.87	16.86	16.97		0
	36	18	17.26	16.85	16.87	16.92		0
	36	37	17.29	16.81	16.81	17.00		0
	75	0	17.27	16.84	16.86	16.98		0

Table H- 89
LTE Band 48 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290.0 (3555.0 MHz)	55757.0 (3601.7 MHz)	56224.0 (3648.4 MHz)	56690.0 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	16.79	16.67	16.87	16.84	0	0
	1	25	16.79	16.67	16.72	16.82		0
	1	49	16.79	16.67	16.71	16.85		0
	25	0	16.73	16.72	16.86	16.90	0-1	0
	25	12	16.78	16.68	16.82	16.94		0
	25	25	16.80	16.64	16.79	16.95		0
	50	0	16.78	16.67	16.80	16.94		0
16QAM	1	0	16.68	16.68	16.68	16.77	0-1	0
	1	25	16.67	16.56	16.72	16.95		0
	1	49	16.81	16.61	16.76	16.87		0
	25	0	16.75	16.71	16.86	16.89	0-2	0
	25	12	16.76	16.68	16.82	16.91		0
	25	25	16.80	16.67	16.81	16.91		0
	50	0	16.77	16.66	16.82	16.93		0
64QAM	1	0	16.79	16.90	16.55	16.51	0-2	0
	1	25	16.88	16.49	16.55	16.58		0
	1	49	17.08	16.48	16.41	16.54		0
	25	0	16.83	16.66	16.82	16.84	0-3	0
	25	12	16.83	16.62	16.81	16.86		0
	25	25	16.86	16.62	16.78	16.88		0
	50	0	16.93	16.71	16.86	16.99		0
256QAM	1	0	16.67	16.71	16.71	16.69	0-5	0
	1	25	16.82	16.71	16.63	16.51		0
	1	49	17.04	16.71	16.56	16.73		0
	25	0	16.88	16.76	16.85	16.87		0
	25	12	16.89	16.70	16.83	16.89		0
	25	25	16.89	16.65	16.80	16.99		0
	50	0	16.89	16.75	16.88	17.04		0

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Table H- 90
LTE Band 48 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265.0 (3552.5 MHz)	55748.0 (3600.8 MHz)	56232.0 (3649.2 MHz)	56715.0 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	17.03	16.74	16.77	16.81	0	0
	1	12	17.03	16.60	16.48	16.39		0
	1	24	17.03	16.71	16.72	16.85		0
	12	0	16.98	16.76	16.76	16.89	0-1	0
	12	6	17.09	16.71	16.73	16.82		0
	12	13	17.15	16.74	16.74	16.89		0
	25	0	17.14	16.77	16.73	16.92		0
16QAM	1	0	17.11	16.80	16.78	16.82	0-1	0
	1	12	17.20	16.84	16.81	16.76		0
	1	24	17.12	16.70	16.69	16.84		0
	12	0	17.06	16.67	16.70	16.80	0-2	0
	12	6	17.03	16.63	16.67	16.75		0
	12	13	17.07	16.67	16.68	16.81		0
	25	0	17.19	16.79	16.77	16.95		0
64QAM	1	0	16.78	16.82	16.41	16.50	0-2	0
	1	12	16.89	16.40	16.40	16.67		0
	1	24	17.11	16.78	16.39	16.54		0
	12	0	17.07	16.71	16.72	16.82	0-3	0
	12	6	17.03	16.65	16.69	16.76		0
	12	13	17.11	16.68	16.70	16.83		0
	25	0	17.13	16.73	16.74	16.89		0
256QAM	1	0	17.13	16.59	16.61	16.68	0-5	0
	1	12	17.13	16.70	16.69	16.86		0
	1	24	17.13	16.56	16.55	16.71		0
	12	0	17.21	16.88	16.88	16.97		0
	12	6	17.21	16.82	16.84	16.90		0
	12	13	17.25	16.85	16.83	16.98		0
	25	0	17.20	16.82	16.79	16.93		0

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H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n71 Antenna A

Table H- 91
NR Band n71 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.46	0	0.0
	1	40	24.18		0.0
	1	77	24.11		0.0
	36	0	23.40	0-1	1.0
	36	22	24.31	0	0.0
	36	43	23.23	0-1	1.0
	75	0	23.33		1.0
DFT-s-OFDM 16QAM	1	1	23.53	0-1	1.0
CP-OFDM QPSK	1	1	23.00	0-1.5	1.5

Table H- 92
NR Band n71 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.85	24.41	24.13	0	0.0
	1	26	24.78	24.33	24.06		0.0
	1	50	24.57	24.18	23.96		0.0
	25	0	23.79	23.38	23.10	0-1	1.0
	25	14	24.70	24.29	24.07	0	0.0
	25	27	23.63	23.26	23.02	0-1	1.0
	50	0	23.73	23.33	23.08		1.0
DFT-s-OFDM 16QAM	1	1	23.83	23.41	23.10	0-1	1.0
CP-OFDM QPSK	1	1	23.35	22.93	22.66	0-1.5	1.5

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Table H- 93
NR Band n71 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.85	24.30	24.13	0	0.0
	1	13	24.68	24.16	24.01		0.0
	1	23	24.72	24.21	24.05		0.0
	12	0	23.81	23.32	23.21	0-1	1.0
	12	7	24.79	24.30	24.14	0	0.0
	12	13	23.74	23.32	23.10	0-1	1.0
	25	0	23.81	23.33	23.17		1.0
DFT-s-OFDM 16QAM	1	1	23.86	23.33	23.15	0-1	1.0
CP-OFDM QPSK	1	1	23.38	22.86	22.60	0-1.5	1.5

Table H- 94
NR Band n71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.53	0	0.0
	1	40	21.51		0.0
	1	77	21.31		0.0
	36	0	21.50	0-1	0.0
	36	22	21.41	0	0.0
	36	43	21.29	0-1	0.0
	75	0	21.45		0.0
DFT-s-OFDM 16QAM	1	1	21.83	0-1	0.0
CP-OFDM QPSK	1	1	21.56	0-1.5	0.0

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Table H- 95

NR Band n71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.86	21.55	21.22	0	0.0
	1	26	21.86	21.41	21.25		0.0
	1	50	21.67	21.33	21.06		0.0
	25	0	21.90	21.49	21.26	0-1	0.0
	25	14	21.85	21.41	21.21	0	0.0
	25	27	21.78	21.61	21.18	0-1	0.0
	50	0	21.84	21.43	21.23		0.0
DFT-s-OFDM 16QAM	1	1	21.97	21.48	21.22	0-1	0.0
CP-OFDM QPSK	1	1	21.88	22.23	21.26	0-1.5	0.0

Table H- 96

NR Band n71 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.87	21.43	21.18	0	0.0
	1	13	22.12	21.24	21.40		0.0
	1	23	21.84	21.32	21.12		0.0
	12	0	21.98	21.42	21.24	0-1	0.0
	12	7	21.94	21.39	21.17	0	0.0
	12	13	21.87	21.39	21.21	0-1	0.0
	25	0	22.26	21.67	21.23		0.0
DFT-s-OFDM 16QAM	1	1	21.97	21.66	21.20	0-1	0.0
CP-OFDM QPSK	1	1	21.84	21.38	21.20	0-1.5	0.0

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H.2.2 NR Band n71 Antenna E

Table H- 97
NR Band n71 Ant E Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.02	0	0.0
	1	40	18.90		0.0
	1	77	19.01		0.0
	36	0	19.04	0-1	0.0
	36	22	18.96	0	0.0
	36	43	19.06	0-1	0.0
	75	0	19.05		0.0
DFT-s-OFDM 16QAM	1	1	19.14	0-1	0.0
CP-OFDM QPSK	1	1	19.03	0-1.5	0.0

Table H- 98
NR Band n71 Ant E Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.32	19.05	19.00	0	0.0
	1	26	19.18	19.01	19.02		0.0
	1	50	19.14	19.05	18.93		0.0
	25	0	19.26	19.02	19.01	0-1	0.0
	25	14	19.18	19.00	19.05	0	0.0
	25	27	19.17	18.98	18.94	0-1	0.0
	50	0	19.16	19.04	19.07		0.0
DFT-s-OFDM 16QAM	1	1	19.29	19.23	19.20	0-1	0.0
CP-OFDM QPSK	1	1	19.23	19.00	19.05	0-1.5	0.0

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Table H- 99
NR Band n71 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.34	19.03	19.12	0	0.0
	1	13	19.17	19.01	18.96		0.0
	1	23	19.29	19.09	19.02		0.0
	12	0	19.26	19.00	19.06	0-1	0.0
	12	7	19.25	19.05	19.08	0	0.0
	12	13	19.23	19.03	19.00	0-1	0.0
	25	0	19.30	19.05	19.07		0.0
DFT-s-OFDM 16QAM	1	1	19.37	19.03	19.12	0-1	0.0
CP-OFDM QPSK	1	1	19.33	19.08	19.05	0-1.5	0.0

H.2.3 NR Band n5 Antenna A

Table H- 100
NR Band n5 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.87	0	0.0
	1	40	23.90		0.0
	1	77	24.09		0.0
	36	0	23.02	0-1	1.0
	36	22	24.02	0	0.0
	36	43	23.09	0-1	1.0
	75	0	23.00		1.0
DFT-s-OFDM 16QAM	1	1	23.04	0-1	1.0
CP-OFDM QPSK	1	1	22.41	0-1.5	1.5

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Table H- 101
NR Band n5 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	24.15	0	0.0
	1	26	24.20		0.0
	1	50	24.30		0.0
	25	0	23.22	0-1	1.0
	25	14	24.22	0	0.0
	25	27	23.33	0-1	1.0
	50	0	23.18		1.0
DFT-s-OFDM 16QAM	1	1	23.27	0-1	1.0
CP-OFDM QPSK	1	1	22.62	0-1.5	1.5

Table H- 102
NR Band n5 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.15	24.23	24.38	0	0.0
	1	13	24.09	24.14	24.32		0.0
	1	23	24.22	24.25	24.39		0.0
	12	0	23.19	23.27	23.49	0-1	1.0
	12	7	24.17	24.25	24.44	0	0.0
	12	13	23.21	23.26	23.46	0-1	1.0
	25	0	23.20	23.27	23.49		1.0
DFT-s-OFDM 16QAM	1	1	23.15	23.24	23.40	0-1	1.0
CP-OFDM QPSK	1	1	22.67	22.73	22.88	0-1.5	1.5

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Table H- 103

NR Band n5 Ant E Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.71	0	0.0
	1	40	21.73		0.0
	1	77	21.91		0.0
	36	0	21.80	0-1	0.0
	36	22	21.78	0	0.0
	36	43	21.73	0-1	0.0
	75	0	21.78		0.0
DFT-s-OFDM 16QAM	1	1	21.79	0-1	0.0
CP-OFDM QPSK	1	1	21.73	0-1.5	0.0

Table H- 104

NR Band n5 Ant E Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.68	0	0.0
	1	26	21.97		0.0
	1	50	21.94		0.0
	25	0	21.92	0-1	0.0
	25	14	21.89	0	0.0
	25	27	21.95	0-1	0.0
	50	0	21.93		0.0
DFT-s-OFDM 16QAM	1	1	21.66	0-1	0.0
CP-OFDM QPSK	1	1	21.84	0-1.5	0.0

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Table H- 105
NR Band n5 Ant E Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	21.51	21.65	21.82	0	0.0
	1	13	21.45	21.54	21.75		0.0
	1	23	21.58	21.63	21.70		0.0
	12	0	21.54	21.50	21.79	0-1	0.0
	12	7	21.51	21.55	21.79	0	0.0
	12	13	21.55	21.58	21.80	0-1	0.0
	25	0	21.54	21.59	21.84		0.0
DFT-s-OFDM 16QAM	1	1	21.52	21.59	21.77	0-1	0.0
CP-OFDM QPSK	1	1	21.57	21.62	21.84	0-1.5	0.0

H.2.4 NR Band n5 Antenna E

Table H- 106
NR Band n5 Ant E Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.36	0	0.0
	1	40	18.36		0.0
	1	77	18.47		0.0
	36	0	18.46	0-1	0.0
	36	22	18.44	0	0.0
	36	43	18.43	0-1	0.0
	75	0	18.48		0.0
DFT-s-OFDM 16QAM	1	1	18.51	0-1	0.0
CP-OFDM QPSK	1	1	18.39	0-1.5	0.0

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Table H- 107
NR Band n5 Ant E Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.54	0	0.0
	1	26	18.50		0.0
	1	50	18.55		0.0
	25	0	18.57	0-1	0.0
	25	14	18.50	0	0.0
	25	27	18.59	0-1	0.0
	50	0	18.53		0.0
DFT-s-OFDM 16QAM	1	1	18.62	0-1	0.0
CP-OFDM QPSK	1	1	18.54	0-1.5	0.0

Table H- 108
NR Band n5 Ant E Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.45	18.57	18.67	0	0.0
	1	13	18.39	18.50	18.53		0.0
	1	23	18.54	18.56	18.58		0.0
	12	0	18.47	18.54	18.65	0-1	0.0
	12	7	18.46	18.60	18.60	0	0.0
	12	13	18.46	18.55	18.53	0-1	0.0
	25	0	18.45	18.61	18.61		0.0
DFT-s-OFDM 16QAM	1	1	18.51	18.64	18.71	0-1	0.0
CP-OFDM QPSK	1	1	18.53	18.75	18.78	0-1.5	0.0

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H.2.5 NR Band n70 Antenna A

Table H- 109
NR Band n70 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.83	0	0.0
	1	26	23.08		0.0
	1	50	22.91		0.0
	25	0	22.01	0-1	1.0
	25	14	22.92	0	0.0
	25	27	21.93	0-1	1.0
	50	0	21.92		1.0
DFT-s-OFDM 16QAM	1	1	21.97	0-1	1.0
CP-OFDM QPSK	1	1	21.41	0-1.5	1.5

Table H- 110
NR Band n70 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	22.99	22.97	0	0.0
	1	13	22.90	22.92		0.0
	1	23	22.98	23.00		0.0
	12	0	22.02	22.06	0-1	1.0
	12	7	23.00	23.01	0	0.0
	12	13	22.03	22.06	0-1	1.0
	25	0	22.00	22.01		1.0
DFT-s-OFDM 16QAM	1	1	21.95	21.99	0-1	1.0
CP-OFDM QPSK	1	1	21.50	21.49	0-1.5	1.5

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Table H- 111

NR Band n70 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.12	0	0.0
	1	26	15.15		0.0
	1	50	15.02		0.0
	25	0	15.14	0-1	0.0
	25	14	15.08	0	0.0
	25	27	15.06	0-1	0.0
	50	0	15.11		0.0
DFT-s-OFDM 16QAM	1	1	15.16	0-1	0.0
CP-OFDM QPSK	1	1	15.17	0-1.5	0.0

Table H- 112

NR Band n70 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	15.30	15.11	0	0.0
	1	13	15.17	15.03		0.0
	1	23	15.21	15.12		0.0
	12	0	15.30	15.11	0-1	0.0
	12	7	15.26	15.13	0	0.0
	12	13	15.23	15.10	0-1	0.0
	25	0	15.27	15.13		0.0
DFT-s-OFDM 16QAM	1	1	15.29	15.15	0-1	0.0
CP-OFDM QPSK	1	1	15.30	15.15	0-1.5	0.0

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H.2.6 NR Band n70 Antenna F

Table H- 113
NR Band n70 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.65	0	0.0
	1	26	16.79		0.0
	1	50	16.77		0.0
	25	0	16.73	0-1	0.0
	25	14	16.74	0	0.0
	25	27	16.75	0-1	0.0
	50	0	16.76		0.0
DFT-s-OFDM 16QAM	1	1	16.66	0-1	0.0
CP-OFDM QPSK	1	1	16.69	0-1.5	0.0

Table H- 114
NR Band n70 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.41	16.51	0	0.0
	1	13	16.34	16.44		0.0
	1	23	16.44	16.48		0.0
	12	0	16.44	16.54	0-1	0.0
	12	7	16.44	16.53	0	0.0
	12	13	16.46	16.51	0-1	0.0
	25	0	16.43	16.53		0.0
DFT-s-OFDM 16QAM	1	1	16.41	16.51	0-1	0.0
CP-OFDM QPSK	1	1	16.45	16.52	0-1.5	0.0

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H.2.7 NR Band n66 Antenna A

Table H- 115
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.10	0	0.0
	1	80	23.42		0.0
	1	158	23.52		0.0
	80	0	22.26	0-1	1.0
	80	40	23.35	0	0.0
	80	80	22.60	0-1	1.0
	160	0	22.30		1.0
DFT-s-OFDM 16QAM	1	1	22.21	0-1	1.0
CP-OFDM QPSK	1	1	21.68	0-1.5	1.5

Table H- 116
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.20	0	0.0
	1	67	23.35		0.0
	1	131	23.70		0.0
	64	0	22.27	0-1	1.0
	64	35	23.38	0	0.0
	64	69	22.61	0-1	1.0
	128	0	22.26		1.0
DFT-s-OFDM 16QAM	1	1	22.19	0-1	1.0
CP-OFDM QPSK	1	1	21.69	0-1.5	1.5

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Table H- 117
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.33	23.13	23.58	0	0.0
	1	53	23.27	23.46	23.89		0.0
	1	104	23.45	23.60	23.47		0.0
	50	0	22.46	22.31	22.75	0-1	1.0
	50	28	23.40	23.34	23.82	0	0.0
	50	56	22.50	22.60	22.91	0-1	1.0
	100	0	22.38	22.23	22.72		1.0
DFT-s-OFDM 16QAM	1	1	22.37	22.13	22.65	0-1	1.0
CP-OFDM QPSK	1	1	21.82	21.59	22.08	0-1.5	1.5

Table H- 118
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.24	23.15	23.68	0	0.0
	1	40	23.36	23.31	23.76		0.0
	1	77	23.49	23.62	23.11		0.0
	36	0	22.47	22.25	22.82	0-1	1.0
	36	22	23.42	23.32	23.84	0	0.0
	36	43	22.53	22.48	22.87	0-1	1.0
	75	0	22.43	22.30	22.84		1.0
DFT-s-OFDM 16QAM	1	1	22.35	22.15	22.70	0-1	1.0
CP-OFDM QPSK	1	1	21.82	21.61	22.13	0-1.5	1.5

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Table H- 119
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	23.26	23.16	23.88	0	0.0
	1	26	23.49	23.43	23.97		0.0
	1	50	23.52	23.56	23.68		0.0
	25	0	22.57	22.25	22.89	0-1	1.0
	25	14	23.44	23.35	23.95	0	0.0
	25	27	22.58	22.50	22.92	0-1	1.0
	50	0	22.52	22.34	22.90		1.0
DFT-s-OFDM 16QAM	1	1	22.49	22.22	22.93	0-1	1.0
CP-OFDM QPSK	1	1	22.05	21.76	22.37	0-1.5	1.5

Table H- 120
NR Band n66 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	23.27	23.29	23.96	0	0.0
	1	13	23.30	23.38	23.96		0.0
	1	23	23.39	23.44	23.97		0.0
	12	0	22.45	22.30	22.94	0-1	1.0
	12	7	23.32	23.33	23.97	0	0.0
	12	13	22.35	22.38	22.95	0-1	1.0
	25	0	22.27	22.34	22.94		1.0
DFT-s-OFDM 16QAM	1	1	22.33	22.32	22.91	0-1	1.0
CP-OFDM QPSK	1	1	21.77	21.70	22.33	0-1.5	1.5

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Table H- 121

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.07	0	0.0
	1	80	17.29		0.0
	1	158	17.50		0.0
	80	0	17.18	0-1	0.0
	80	40	17.24	0	0.0
	80	80	17.54	0-1	0.0
	160	0	17.26		0.0
DFT-s-OFDM 16QAM	1	1	17.20	0-1	0.0
CP-OFDM QPSK	1	1	17.13	0-1.5	0.0

Table H- 122

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.90	0	0.0
	1	67	17.00		0.0
	1	131	17.34		0.0
	64	0	16.93	0-1	0.0
	64	35	17.09	0	0.0
	64	69	17.30	0-1	0.0
	128	0	17.09		0.0
DFT-s-OFDM 16QAM	1	1	16.92	0-1	0.0
CP-OFDM QPSK	1	1	16.92	0-1.5	0.0

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Table H- 123

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	17.08	17.31	17.47	0	0.0
	1	53	17.20	17.22	17.76		0.0
	1	104	17.03	17.49	17.80		0.0
	50	0	17.15	17.11	17.57	0-1	0.0
	50	28	17.17	17.25	17.58	0	0.0
	50	56	17.16	17.43	17.64	0-1	0.0
	100	0	17.18	17.21	17.53		0.0
DFT-s-OFDM 16QAM	1	1	17.16	17.09	17.56	0-1	0.0
CP-OFDM QPSK	1	1	17.14	17.08	17.38	0-1.5	0.0

Table H- 124

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	17.10	17.14	17.39	0	0.0
	1	40	17.11	17.19	17.62		0.0
	1	77	17.15	17.27	17.81		0.0
	36	0	17.00	17.13	17.75	0-1	0.0
	36	22	17.05	17.03	17.54	0	0.0
	36	43	17.06	17.19	17.60	0-1	0.0
	75	0	17.04	17.09	17.53		0.0
DFT-s-OFDM 16QAM	1	1	17.24	17.28	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.08	17.11	17.57	0-1.5	0.0

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Table H- 125

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	17.00	17.08	17.58	0	0.0
	1	26	17.29	17.45	17.67		0.0
	1	50	17.25	17.38	17.66		0.0
	25	0	17.22	17.15	17.65	0-1	0.0
	25	14	17.32	17.25	17.87	0	0.0
	25	27	17.27	17.31	17.95	0-1	0.0
	50	0	17.20	17.20	17.90		0.0
DFT-s-OFDM 16QAM	1	1	17.22	17.14	17.60	0-1	0.0
CP-OFDM QPSK	1	1	17.28	17.15	17.69	0-1.5	0.0

Table H- 126

NR Band n66 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 30 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	23.27	23.29	23.96	0	0.0
	1	13	23.30	23.38	23.96		0.0
	1	23	23.39	23.44	23.97		0.0
	12	0	22.45	22.30	22.94	0-1	1.0
	12	7	23.32	23.33	23.97	0	0.0
	12	13	22.35	22.38	22.95	0-1	1.0
	25	0	22.27	22.34	22.94		1.0
DFT-s-OFDM 16QAM	1	1	22.33	22.32	22.91	0-1	1.0
CP-OFDM QPSK	1	1	21.77	21.70	22.33	0-1.5	1.5

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H.2.8 NR Band n66 Antenna F

Table H- 127
NR Band n66 Ant F Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.00	0	0.0
	1	80	16.05		0.0
	1	158	16.12		0.0
	80	0	16.02	0-1	0.0
	80	40	16.08	0	0.0
	80	80	16.17	0-1	0.0
	160	0	16.09		0.0
DFT-s-OFDM 16QAM	1	1	15.93	0-1	0.0
CP-OFDM QPSK	1	1	15.99	0-1.5	0.0

Table H- 128
NR Band n66 Ant F Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.43	0	0.0
	1	67	16.34		0.0
	1	131	16.41		0.0
	64	0	16.48	0-1	0.0
	64	35	16.46	0	0.0
	64	69	16.46	0-1	0.0
	128	0	16.45		0.0
DFT-s-OFDM 16QAM	1	1	16.50	0-1	0.0
CP-OFDM QPSK	1	1	16.52	0-1.5	0.0

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Table H- 129
NR Band n66 Ant F Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.57	16.48	16.36	0	0.0
	1	53	16.69	16.45	16.50		0.0
	1	104	16.55	16.42	16.21		0.0
	50	0	16.69	16.46	16.35	0-1	0.0
	50	28	16.69	16.43	16.33	0	0.0
	50	56	16.63	16.44	16.28	0-1	0.0
	100	0	16.66	16.45	16.30		0.0
DFT-s-OFDM 16QAM	1	1	16.57	16.47	16.30	0-1	0.0
CP-OFDM QPSK	1	1	16.58	16.49	16.33	0-1.5	0.0

Table H- 130
NR Band n66 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.63	16.46	16.28	0	0.0
	1	40	16.58	16.34	16.15		0.0
	1	77	16.62	16.41	16.20		0.0
	36	0	16.70	16.47	16.30	0-1	0.0
	36	22	16.68	16.44	16.26	0	0.0
	36	43	16.65	16.44	16.23	0-1	0.0
	75	0	16.68	16.44	16.27		0.0
DFT-s-OFDM 16QAM	1	1	16.62	16.46	16.27	0-1	0.0
CP-OFDM QPSK	1	1	16.66	16.49	16.30	0-1.5	0.0

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Table H- 131
NR Band n66 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.64	16.45	16.35	0	0.0
	1	26	16.79	16.51	16.46		0.0
	1	50	16.71	16.43	16.29		0.0
	25	0	16.70	16.43	16.34	0-1	0.0
	25	14	16.73	16.42	16.28	0	0.0
	25	27	16.71	16.44	16.28	0-1	0.0
	50	0	16.73	16.43	16.31		0.0
DFT-s-OFDM 16QAM	1	1	16.65	16.44	16.35	0-1	0.0
CP-OFDM QPSK	1	1	16.66	16.44	16.35	0-1.5	0.0

Table H- 132
NR Band n66 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.54	16.40	16.24	0	0.0
	1	13	16.47	16.30	16.14		0.0
	1	23	16.58	16.39	16.23		0.0
	12	0	16.55	16.38	16.24	0-1	0.0
	12	7	16.56	16.39	16.23	0	0.0
	12	13	16.57	16.44	16.22	0-1	0.0
	25	0	16.56	16.38	16.24		0.0
DFT-s-OFDM 16QAM	1	1	16.51	16.38	16.24	0-1	0.0
CP-OFDM QPSK	1	1	16.54	16.35	16.24	0-1.5	0.0

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H.2.9 NR Band n25 Antenna A

Table H- 133
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.23	0	0.0
	1	80	23.55		0.0
	1	158	23.48		0.0
	80	0	22.53	0-1	1.0
	80	40	23.50	0	0.0
	80	80	22.48	0-1	1.0
	160	0	22.47		1.0
DFT-s-OFDM 16QAM	1	1	22.24	0-1	1.0
CP-OFDM QPSK	1	1	21.77	0-1.5	1.5

Table H- 134
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.28	0	0.0
	1	67	23.43		0.0
	1	131	23.50		0.0
	64	0	22.53	0-1	1.0
	64	35	23.51	0	0.0
	64	69	22.47	0-1	1.0
	128	0	22.45		1.0
DFT-s-OFDM 16QAM	1	1	22.28	0-1	1.0
CP-OFDM QPSK	1	1	21.74	0-1.5	1.5

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Table H- 135
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.54	23.27	23.55	0	0.0
	1	53	23.42	23.50	23.77		0.0
	1	104	23.32	23.39	23.16		0.0
	50	0	22.56	22.47	22.75	0-1	1.0
	50	28	23.39	23.41	23.79	0	0.0
	50	56	22.37	22.41	22.85	0-1	1.0
	100	0	22.41	22.47	22.82		1.0
DFT-s-OFDM 16QAM	1	1	22.57	22.29	22.57	0-1	1.0
CP-OFDM QPSK	1	1	22.06	21.82	22.12	0-1.5	1.5

Table H- 136
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.59	23.35	23.60	0	0.0
	1	40	23.39	23.34	23.66		0.0
	1	77	23.32	23.41	22.94		0.0
	36	0	22.66	22.50	22.86	0-1	1.0
	36	22	23.49	23.42	23.80	0	0.0
	36	43	22.46	22.44	22.87	0-1	1.0
	75	0	22.50	22.43	22.82		1.0
DFT-s-OFDM 16QAM	1	1	22.60	22.35	22.70	0-1	1.0
CP-OFDM QPSK	1	1	22.08	21.91	22.21	0-1.5	1.5

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Table H- 137
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	23.65	23.41	23.66	0	0.0
	1	26	23.57	23.49	23.78		0.0
	1	50	23.49	23.41	23.39		0.0
	25	0	22.72	22.48	22.82	0-1	1.0
	25	14	23.57	23.41	23.77	0	0.0
	25	27	22.53	22.40	22.86	0-1	1.0
	50	0	22.60	22.39	22.81		1.0
DFT-s-OFDM 16QAM	1	1	22.67	22.38	22.72	0-1	1.0
CP-OFDM QPSK	1	1	22.17	21.90	22.22	0-1.5	1.5

Table H- 138
NR Band n25 Ant A Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
Conducted Power [dBm]							
DFT-s-OFDM QPSK	1	1	23.48	23.37	23.65	0	0.0
	1	13	23.37	23.29	23.64		0.0
	1	23	23.54	23.38	23.61		0.0
	12	0	22.58	22.42	22.85	0-1	1.0
	12	7	23.49	23.37	23.80	0	0.0
	12	13	22.49	22.41	22.81	0-1	1.0
	25	0	22.51	22.38	22.82		1.0
DFT-s-OFDM 16QAM	1	1	22.54	22.37	22.77	0-1	1.0
CP-OFDM QPSK	1	1	22.01	21.85	22.26	0-1.5	1.5

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Table H- 139
NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.18	0	0.0
	1	80	15.45		0.0
	1	158	15.29		0.0
	80	0	15.38	0-1	0.0
	80	40	15.40	0	0.0
	80	80	15.36	0-1	0.0
	160	0	15.37		0.0
DFT-s-OFDM 16QAM	1	1	15.16	0-1	0.0
CP-OFDM QPSK	1	1	15.22	0-1.5	0.0

Table H- 140
NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.23	0	0.0
	1	67	15.29		0.0
	1	131	15.38		0.0
	64	0	15.39	0-1	0.0
	64	35	15.40	0	0.0
	64	69	15.32	0-1	0.0
	128	0	15.41		0.0
DFT-s-OFDM 16QAM	1	1	15.21	0-1	0.0
CP-OFDM QPSK	1	1	15.24	0-1.5	0.0

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Table H- 141

NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.56	15.30	14.97	0	0.0
	1	53	15.44	15.41	15.29		0.0
	1	104	15.28	15.32	15.19		0.0
	50	0	15.54	15.36	15.07	0-1	0.0
	50	28	15.40	15.38	15.18	0	0.0
	50	56	15.31	15.33	15.17	0-1	0.0
	100	0	15.40	15.40	15.11		0.0
DFT-s-OFDM 16QAM	1	1	15.60	15.29	14.94	0-1	0.0
CP-OFDM QPSK	1	1	15.62	15.33	14.90	0-1.5	0.0

Table H- 142

NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.67	15.35	15.04	0	0.0
	1	40	15.41	15.28	15.03		0.0
	1	77	15.32	15.32	15.13		0.0
	36	0	15.63	15.42	15.15	0-1	0.0
	36	22	15.50	15.39	15.15	0	0.0
	36	43	15.41	15.35	15.18	0-1	0.0
	75	0	15.52	15.40	15.16		0.0
DFT-s-OFDM 16QAM	1	1	15.60	15.35	15.01	0-1	0.0
CP-OFDM QPSK	1	1	15.68	15.39	15.08	0-1.5	0.0

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Table H- 143

NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.71	15.39	15.08	0	0.0
	1	26	15.52	15.47	15.10		0.0
	1	50	15.41	15.33	15.10		0.0
	25	0	15.65	15.39	15.11	0-1	0.0
	25	14	15.58	15.35	15.15	0	0.0
	25	27	15.52	15.35	15.14	0-1	0.0
	50	0	15.58	15.38	15.09		0.0
DFT-s-OFDM 16QAM	1	1	15.68	15.35	15.06	0-1	0.0
CP-OFDM QPSK	1	1	15.75	15.41	15.08	0-1.5	0.0

Table H- 144

NR Band n25 Ant A Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.59	15.41	15.03	0	0.0
	1	13	15.48	15.28	14.97		0.0
	1	23	15.53	15.35	15.05		0.0
	12	0	15.59	15.41	15.10	0-1	0.0
	12	7	15.57	15.38	15.09	0	0.0
	12	13	15.54	15.36	15.07	0-1	0.0
	25	0	15.58	15.39	15.11		0.0
DFT-s-OFDM 16QAM	1	1	15.53	15.41	15.06	0-1	0.0
CP-OFDM QPSK	1	1	15.59	15.43	15.10	0-1.5	0.0

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H.2.10 NR Band n25 Antenna F

Table H- 145
NR Band n25 Ant F Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	16.73	0	0.0
	1	80	17.13		0.0
	1	158	17.04		0.0
	80	0	16.92	0-1	0.0
	80	40	17.04	0	0.0
	80	80	17.11	0-1	0.0
	160	0	17.04		0.0
DFT-s-OFDM 16QAM	1	1	16.75	0-1	0.0
CP-OFDM QPSK	1	1	16.77	0-1.5	0.0

Table H- 146
NR Band n25 Ant F Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth						18.00
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	Deviation 376500 [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	16.78	0	0.0	-1.22
	1	67	16.93		0.0	-1.07
	1	131	17.04		0.0	-0.96
	64	0	16.95	0-1	0.0	-1.05
	64	35	17.04	0	0.0	-0.96
	64	69	17.09	0-1	0.0	-0.91
	128	0	17.02		0.0	-0.98
DFT-s-OFDM 16QAM	1	1	16.78	0-1	0.0	-1.22
CP-OFDM QPSK	1	1	16.79	0-1.5	0.0	-1.21

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Table H- 147
NR Band n25 Ant F Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.75	16.83	17.13	0	0.0
	1	53	16.86	17.10	17.33		0.0
	1	104	16.83	17.06	17.13		0.0
	50	0	16.79	16.96	17.17	0-1	0.0
	50	28	16.80	16.99	17.17	0	0.0
	50	56	16.83	17.05	17.19	0-1	0.0
	100	0	16.78	17.01	17.18		0.0
DFT-s-OFDM 16QAM	1	1	16.73	16.81	17.06	0-1	0.0
CP-OFDM QPSK	1	1	16.76	16.84	17.12	0-1.5	0.0

Table H- 148
NR Band n25 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.77	16.88	17.09	0	0.0
	1	40	16.69	16.90	16.93		0.0
	1	77	16.82	17.05	17.07		0.0
	36	0	16.81	16.94	17.11	0-1	0.0
	36	22	16.78	17.00	17.11	0	0.0
	36	43	16.82	17.04	17.14	0-1	0.0
	75	0	16.80	17.00	17.12		0.0
DFT-s-OFDM 16QAM	1	1	16.76	16.87	17.08	0-1	0.0
CP-OFDM QPSK	1	1	16.77	16.89	17.09	0-1.5	0.0

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Table H- 149
NR Band n25 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.80	16.91	17.02	0	0.0
	1	26	16.81	17.00	17.13		0.0
	1	50	16.74	17.01	17.05		0.0
	25	0	16.81	16.95	17.06	0-1	0.0
	25	14	16.82	16.97	17.09	0	0.0
	25	27	16.78	16.99	17.10	0-1	0.0
	50	0	16.82	16.96	17.08		0.0
DFT-s-OFDM 16QAM	1	1	16.78	16.87	17.04	0-1	0.0
CP-OFDM QPSK	1	1	16.82	16.91	17.01	0-1.5	0.0

Table H- 150
NR Band n25 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	16.67	16.88	17.01	0	0.0
	1	13	16.60	16.84	16.94		0.0
	1	23	16.70	16.95	17.03		0.0
	12	0	16.70	16.93	17.03	0-1	0.0
	12	7	16.71	16.94	17.02	0	0.0
	12	13	16.70	16.95	17.02	0-1	0.0
	25	0	16.72	16.96	17.04		0.0
DFT-s-OFDM 16QAM	1	1	16.65	16.88	17.01	0-1	0.0
CP-OFDM QPSK	1	1	16.71	16.85	17.02	0-1.5	0.0

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H.2.11 NR Band n30 Antenna B

Table H- 151
NR Band n30 Ant B Measured P_{max} for RSI = 1(Head) – 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.62	0	0.0
	1	13	22.57		0.0
	1	23	22.78		0.0
	12	0	21.37	0-1	1.0
	12	7	22.70	0	0.0
	12	13	21.48	0-1	1.0
	25	0	21.56		1.0
DFT-s-OFDM 16QAM	1	1	21.35	0-1	1.0
CP-OFDM QPSK	1	1	21.25	0-1.5	1.5

Table H- 152
NR Band n30 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.64	0	0.0
	1	13	17.62		0.0
	1	23	17.67		0.0
	12	0	17.60	0-1	0.0
	12	7	17.55	0	0.0
	12	13	17.65	0-1	0.0
	25	0	17.66		0.0
DFT-s-OFDM 16QAM	1	1	17.83	0-1	0.0
CP-OFDM QPSK	1	1	17.85	0-1.5	0.0

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H.2.12 NR Band n30 Antenna F

Table H- 153
NR Band n30 Ant F Measured P_{limit} for all RSI – 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.76	0	0.0
	1	13	17.66		0.0
	1	23	17.79		0.0
	12	0	17.75	0-1	0.0
	12	7	17.77	0	0.0
	12	13	17.62	0-1	0.0
	25	0	17.71		0.0
DFT-s-OFDM 16QAM	1	1	17.69	0-1	0.0
CP-OFDM QPSK	1	1	17.76	0-1.5	0.0

H.2.13 NR Band n41 Antenna B

Table H- 154
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	24.79	25.14	0	0.0
	1	123	24.78	25.13		0.0
	1	243	25.00	24.90		0.0
	120	0	24.66	24.59	0-1	1.0
	120	63	24.76	25.12	0	0.0
	120	125	24.75	24.89	0-1	1.0
	243	0	24.71	24.50		1.0
DFT-s-OFDM 16QAM	1	1	24.75	24.70	0-1	1.0
CP-OFDM QPSK	1	1	24.23	24.10	0-1.5	1.5

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Table H- 155
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	24.75	24.89	0	0.0
	1	109	24.74	24.78		0.0
	1	215	24.89	24.75		0.0
	108	0	24.61	24.73	0-1	1.0
	108	55	24.73	24.80	0	0.0
	108	109	24.72	24.60	0-1	1.0
	216	0	24.63	24.72		1.0
DFT-s-OFDM 16QAM	1	1	24.72	24.71	0-1	1.0
CP-OFDM QPSK	1	1	24.19	24.23	0-1.5	1.5

Table H- 156
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	24.87	24.72	0	0.0
	1	95	24.81	24.69		0.0
	1	187	24.86	24.65		0.0
	90	0	24.72	24.62	0-1	1.0
	90	50	24.82	24.70	0	0.0
	90	99	24.77	24.42	0-1	1.0
	180	0	24.71	24.63		1.0
DFT-s-OFDM 16QAM	1	1	24.76	24.62	0-1	1.0
CP-OFDM QPSK	1	1	24.23	24.12	0-1.5	1.5

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Table H- 157
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.86	24.99	24.83	0	0.0
	1	81	24.76	25.11	24.90		0.0
	1	160	24.85	24.95	24.71		0.0
	81	0	24.64	24.92	24.70	0-1	1.0
	81	41	24.73	25.10	24.78	0	0.0
	81	81	24.67	24.91	24.47	0-1	1.0
	162	0	24.64	24.93	24.67		1.0
DFT-s-OFDM 16QAM	1	1	24.68	24.92	24.68	0-1	1.0
CP-OFDM QPSK	1	1	24.19	24.36	24.17	0-1.5	1.5

Table H- 158
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	24.91	25.03	24.85	0	0.0
	1	67	24.80	25.06	24.82		0.0
	1	131	24.86	24.96	24.72		0.0
	64	0	24.74	24.95	24.70	0-1	1.0
	64	35	24.81	24.98	24.84	0	0.0
	64	69	24.73	24.94	24.46	0-1	1.0
	128	0	24.68	24.92	24.71		1.0
DFT-s-OFDM 16QAM	1	1	24.76	24.90	24.69	0-1	1.0
CP-OFDM QPSK	1	1	24.22	24.37	24.20	0-1.5	1.5

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Table H- 159
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	24.78	24.83	24.96	24.85	0	0.0
	1	53	24.72	24.95	24.89	24.81		0.0
	1	104	24.74	24.94	24.74	24.74		0.0
	50	0	24.67	24.75	24.71	24.70	0-1	1.0
	50	28	24.73	24.90	24.91	24.73	0	0.0
	50	56	24.64	24.74	24.73	24.42	0-1	1.0
	100	0	24.65	24.80	24.72	24.66		1.0
DFT-s-OFDM 16QAM	1	1	24.71	24.78	24.72	24.70	0-1	1.0
CP-OFDM QPSK	1	1	24.21	24.16	24.22	24.19	0-1.5	1.5

Table H- 160
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	24.93	24.80	24.72	24.94	24.95	0	0.0
	1	39	24.82	24.78	24.81	25.03	24.80		0.0
	1	76	24.78	24.72	24.79	25.05	24.77		0.0
	36	0	24.66	24.62	24.60	24.76	24.69	0-1	1.0
	36	21	24.81	24.76	24.71	25.01	24.78	0	0.0
	36	42	24.68	24.64	24.65	24.92	24.52	0-1	1.0
	75	0	24.71	24.65	24.62	24.88	24.68		1.0
DFT-s-OFDM 16QAM	1	1	24.72	24.64	24.68	24.92	24.77	0-1	1.0
CP-OFDM QPSK	1	1	24.17	24.10	24.05	24.30	24.19	0-1.5	1.5

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Table H- 161
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	24.84	24.72	24.77	24.81	24.83	0	0.0
	1	26	24.73	24.75	24.84	24.83	24.74		0.0
	1	49	24.71	24.74	24.77	24.92	24.73		0.0
	25	0	24.58	24.52	24.51	24.64	24.57	0-1	1.0
	25	13	24.75	24.74	24.73	24.87	24.75	0	0.0
	25	26	24.61	24.63	24.62	24.78	24.41	0-1	1.0
	50	0	24.64	24.64	24.61	24.76	24.48		1.0
DFT-s-OFDM 16QAM	1	1	24.70	24.69	24.67	24.70	24.69	0-1	1.0
CP-OFDM QPSK	1	1	24.19	24.07	24.05	24.17	24.08	0-1.5	1.5

Table H- 162
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	25.21	25.14	25.30	25.01	25.10	0	0.0
	1	19	25.28	25.15	25.40	25.14	25.14		0.0
	1	36	25.14	25.16	25.47	24.99	25.11		0.0
	18	0	25.02	24.89	25.10	24.93	24.99	0-1	1.0
	18	10	25.21	25.08	25.49	25.10	25.16	0	0.0
	18	20	24.98	24.85	25.12	24.96	24.92	0-1	1.0
	36	0	25.09	24.98	25.00	24.92	25.00		1.0
DFT-s-OFDM 16QAM	1	1	24.81	24.79	25.10	24.86	24.99	0-1	1.0
CP-OFDM QPSK	1	1	24.59	24.53	24.75	24.30	24.46	0-1.5	1.5

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Table H- 163
NR Band n41 Ant B Measured P_{max} for RSI = 1(Head) – 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	25.21	25.13	25.20	25.35	25.33	0	0.0
	1	12	25.22	25.15	25.34	25.32	25.31		0.0
	1	22	25.17	25.16	25.38	25.23	25.27		0.0
	12	0	25.08	24.94	25.11	24.89	25.05	0-1	1.0
	12	6	25.24	25.14	25.41	25.34	25.35	0	0.0
	12	12	25.02	24.93	25.10	24.87	25.02	0-1	1.0
	24	0	25.07	24.94	24.99	24.86	25.00		1.0
DFT-s-OFDM 16QAM	1	1	24.72	24.88	25.07	24.79	24.80	0-1	1.0
CP-OFDM QPSK	1	1	24.10	24.54	24.56	24.34	24.33	0-1.5	1.5

Table H- 164
NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.66	18.16	0	0.0
	1	123	17.44	18.45		0.0
	1	243	18.08	18.22		0.0
	120	0	17.41	18.40	0-1	0.0
	120	63	17.47	18.50	0	0.0
	120	125	17.75	18.24	0-1	0.0
	243	0	17.53	18.41		0.0
DFT-s-OFDM 16QAM	1	1	17.73	18.49	0-1	0.0
CP-OFDM QPSK	1	1	17.64	18.44	0-1.5	0.0

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Table H- 165
NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.62	18.36	0	0.0
	1	109	17.40	18.47		0.0
	1	215	18.01	18.28		0.0
	108	0	17.65	18.50	0-1	0.0
	108	55	17.71	18.49	0	0.0
	108	109	17.80	18.48	0-1	0.0
	216	0	17.69	18.47		0.0
DFT-s-OFDM 16QAM	1	1	17.84	18.47	0-1	0.0
CP-OFDM QPSK	1	1	17.76	18.45	0-1.5	0.0

Table H- 166
NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 40 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	17.72	18.44	0	0.0
	1	95	17.65	18.48		0.0
	1	187	17.86	18.28		0.0
	90	0	17.63	18.50	0-1	0.0
	90	50	17.67	18.49	0	0.0
	90	99	17.73	18.39	0-1	0.0
	180	0	17.65	18.40		0.0
DFT-s-OFDM 16QAM	1	1	17.77	18.35	0-1	0.0
CP-OFDM QPSK	1	1	17.70	18.32	0-1.5	0.0

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Table H- 167
NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.72	17.83	18.24	0	0.0
	1	81	17.63	18.19	18.49		0.0
	1	160	17.71	18.37	18.11		0.0
	81	0	17.60	18.04	18.37	0-1	0.0
	81	41	17.61	18.23	18.49	0	0.0
	81	81	17.65	18.33	18.29	0-1	0.0
	162	0	17.62	18.19	18.48		0.0
DFT-s-OFDM 16QAM	1	1	17.78	17.85	18.35	0-1	0.0
CP-OFDM QPSK	1	1	17.76	17.83	18.45	0-1.5	0.0

Table H- 168
NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.75	17.95	18.30	0	0.0
	1	67	17.66	18.13	18.42		0.0
	1	131	17.64	18.32	18.40		0.0
	64	0	17.70	18.13	18.37	0-1	0.0
	64	35	17.68	18.24	18.44	0	0.0
	64	69	17.70	18.36	18.49	0-1	0.0
	128	0	17.64	18.22	18.38		0.0
DFT-s-OFDM 16QAM	1	1	17.77	17.92	18.31	0-1	0.0
CP-OFDM QPSK	1	1	17.72	17.99	18.27	0-1.5	0.0

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Table H- 169

NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.73	17.80	18.25	18.42	0	0.0
	1	53	17.52	18.04	18.44	18.46		0.0
	1	104	17.58	18.16	18.43	18.23		0.0
	50	0	17.54	17.90	18.33	18.49	0-1	0.0
	50	28	17.53	18.06	18.42	18.47	0	0.0
	50	56	17.54	18.15	18.46	18.32	0-1	0.0
	100	0	17.55	18.02	18.39	18.46		0.0
DFT-s-OFDM 16QAM	1	1	17.63	17.79	18.31	18.48	0-1	0.0
CP-OFDM QPSK	1	1	17.59	17.73	18.25	18.46	0-1.5	0.0

Table H- 170

NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	17.84	17.66	17.97	18.38	18.49	0	0.0
	1	39	17.63	17.63	18.24	18.40	18.35		0.0
	1	76	17.63	17.68	18.32	18.44	18.20		0.0
	36	0	17.70	17.48	18.14	18.40	18.48	0-1	0.0
	36	21	17.66	17.76	18.22	18.41	18.36	0	0.0
	36	42	17.63	17.83	18.30	18.41	18.25	0-1	0.0
	75	0	17.67	17.75	18.21	18.40	18.37		0.0
DFT-s-OFDM 16QAM	1	1	17.80	17.81	17.92	18.44	18.49	0-1	0.0
CP-OFDM QPSK	1	1	17.74	17.54	17.99	18.37	18.49	0-1.5	0.0

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Table H- 171

NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	17.74	17.59	17.96	18.23	18.35	0	0.0
	1	26	17.66	17.69	18.26	18.19	18.24		0.0
	1	49	17.60	17.81	18.30	18.24	18.27		0.0
	25	0	17.75	17.67	18.22	18.22	18.33	0-1	0.0
	25	13	17.68	17.75	18.30	18.21	18.32	0	0.0
	25	26	17.62	17.78	18.29	18.21	18.25	0-1	0.0
	50	0	17.68	17.72	18.28	18.23	18.29		0.0
DFT-s-OFDM 16QAM	1	1	17.88	17.72	17.92	18.31	18.48	0-1	0.0
CP-OFDM QPSK	1	1	17.82	17.73	17.95	18.26	18.44	0-1.5	0.0

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NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	17.91	17.71	17.93	18.29	18.30	0	0.0
	1	19	17.83	17.76	18.25	18.31	18.26		0.0
	1	36	17.75	17.79	18.31	18.33	18.26		0.0
	18	0	17.89	17.70	18.24	18.33	18.30	0-1	0.0
	18	10	17.86	17.72	18.29	18.34	18.26	0	0.0
	18	20	17.82	17.70	18.32	18.33	18.27	0-1	0.0
	36	0	17.86	17.68	18.28	18.29	18.27		0.0
DFT-s-OFDM 16QAM	1	1	17.97	17.68	17.91	18.33	18.35	0-1	0.0
CP-OFDM QPSK	1	1	17.93	17.64	17.90	18.30	18.31	0-1.5	0.0

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Table H- 173

NR Band n41 Ant B Measured P_{limit} for RSI = 0 (Body-worn, Hotspot or Phablet) – 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	17.85	17.69	17.33	18.31	18.32	0	0.0
	1	12	17.78	17.68	18.31	18.29	18.30		0.0
	1	22	17.73	17.72	18.30	18.31	18.32		0.0
	12	0	17.87	17.70	18.29	18.32	18.30	0-1	0.0
	12	6	17.83	17.73	18.29	18.32	18.31	0	0.0
	12	12	17.79	17.73	18.31	18.31	18.32	0-1	0.0
	24	0	17.83	17.72	18.28	18.31	18.30		0.0
DFT-s-OFDM 16QAM	1	1	17.93	17.76	17.92	18.39	18.38	0-1	0.0
CP-OFDM QPSK	1	1	17.90	17.70	17.94	18.35	18.33	0-1.5	0.0

H.2.14 NR Band n48 Antenna F

Table H- 174

NR Band n48 Ant F Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	14.21	14.22	14.33	14.11	0	0.0
	1	39	14.28	14.25	14.15	14.19		0.0
	1	76	14.22	14.27	14.05	14.31		0.0
	36	0	14.31	14.29	14.33	14.18	0-1	0.0
	36	21	14.29	14.24	14.22	14.26	0	0.0
	36	42	14.31	14.30	14.12	14.31	0-1	0.0
	75	0	14.25	14.25	14.21	14.24		0.0
DFT-s-OFDM 16QAM	1	1	14.35	14.35	14.37	14.16	0-1	0.0
CP-OFDM QPSK	1	1	14.25	14.30	14.31	14.15	0-1.5	0.0

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Table H- 175
NR Band n48 Ant F Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	14.09	14.39	14.31	14.17	0	0.0
	1	26	14.21	14.31	14.17	14.29		0.0
	1	49	14.20	14.29	14.09	14.30		0.0
	25	0	14.20	14.35	14.28	14.25	0-1	0.0
	25	13	14.30	14.36	14.20	14.31	0	0.0
	25	26	14.26	14.34	14.11	14.32	0-1	0.0
	50	0	14.25	14.35	14.18	14.29		0.0
DFT-s-OFDM 16QAM	1	1	14.20	14.43	14.40	14.25	0-1	0.0
CP-OFDM QPSK	1	1	14.11	14.37	14.35	14.15	0-1.5	0.0

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Table H- 176
NR Band n48 Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	14.09	14.23	14.28	14.24	0	0.0
	1	19	14.21	14.39	14.15	14.29		0.0
	1	36	14.20	14.25	14.07	14.32		0.0
	18	0	14.20	14.32	14.25	14.29	0-1	0.0
	18	10	14.30	14.34	14.19	14.34	0	0.0
	18	20	14.26	14.32	14.11	14.32	0-1	0.0
	36	0	14.25	14.34	14.17	14.33		0.0
DFT-s-OFDM 16QAM	1	1	14.20	14.41	14.33	14.30	0-1	0.0
CP-OFDM QPSK	1	1	14.11	14.36	14.31	14.25	0-1.5	0.0

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Table H- 177
NR Band n48 Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	14.09	14.39	14.25	14.26	0	0.0
	1	12	14.21	14.35	14.11	14.29		0.0
	1	22	14.20	14.37	14.09	14.32		0.0
	12	0	14.20	14.38	14.23	14.33	0-1	0.0
	12	6	14.30	14.39	14.18	14.34	0	0.0
	12	12	14.26	14.38	14.13	14.35	0-1	0.0
	24	0	14.25	14.36	14.16	14.36		0.0
DFT-s-OFDM 16QAM	1	1	14.20	14.44	14.30	14.39	0-1	0.0
CP-OFDM QPSK	1	1	14.11	14.38	14.25	14.32	0-1.5	0.0

H.2.15 NR Band n48 Antenna C,I & D

Table H- 178
NR Band n48 Ant C,I & D Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.17	14.09	14.51	14.09
SRS #3 Ant I	15.21	15.07	15.35	15.31
SRS #4 Ant D	10.82	10.90	11.43	11.38

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Table H- 179
NR Band n48 Ant C,I & D Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.11	14.10	14.53	14.08
SRS #3 Ant I	15.10	15.08	15.37	15.32
SRS #4 Ant D	10.67	10.92	11.47	11.49

Table H- 180
NR Band n48 Ant C,I & D Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.12	14.15	14.64	14.13
SRS #3 Ant I	15.06	15.21	15.42	15.40
SRS #4 Ant D	10.58	10.93	11.49	11.46

Table H- 181
NR Band n48 Ant C,I & D Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant C	14.14	14.21	14.55	14.04
SRS #3 Ant I	14.96	15.15	15.40	15.38
SRS #4 Ant D	10.57	10.94	11.53	11.40

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H.2.16 NR Band n77 DoD Band Antenna F

Table H- 182
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.37	0	0.0
	1	123	12.39		0.0
	1	243	12.16		0.0
	120	0	12.06	0-1	0.0
	120	63	12.43	0	0.0
	120	125	12.33	0-1	0.0
	243	0	12.44		0.0
DFT-s-OFDM 16QAM	1	1	12.47	0-1	0.0
CP-OFDM QPSK	1	1	12.33	0-1.5	0.0

Table H- 183
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.27	0	0.0
	1	109	12.41		0.0
	1	215	12.28		0.0
	108	0	12.12	0-1	0.0
	108	55	12.47	0	0.0
	108	109	12.37	0-1	0.0
	216	0	12.44		0.0
DFT-s-OFDM 16QAM	1	1	12.39	0-1	0.0
CP-OFDM QPSK	1	1	12.24	0-1.5	0.0

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Table H- 184
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.23	0	0.0
	1	95	12.48		0.0
	1	187	12.27		0.0
	90	0	12.16	0-1	0.0
	90	50	12.49	0	0.0
	90	99	12.42	0-1	0.0
	180	0	12.46		0.0
DFT-s-OFDM 16QAM	1	1	12.24	0-1	0.0
CP-OFDM QPSK	1	1	12.20	0-1.5	0.0

Table H- 185
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.07	0	0.0
	1	81	12.44		0.0
	1	160	12.27		0.0
	81	0	12.21	0-1	0.0
	81	41	12.49	0	0.0
	81	81	12.48	0-1	0.0
	162	0	12.51		0.0
DFT-s-OFDM 16QAM	1	1	12.19	0-1	0.0
CP-OFDM QPSK	1	1	12.09	0-1.5	0.0

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Table H- 186
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 50 MHz Bandwidth
NR Band n77 DoD
50 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.08	0	0.0
	1	67	12.48		0.0
	1	131	12.36		0.0
	64	0	12.31	0-1	0.0
	64	35	12.54	0	0.0
	64	69	12.51	0-1	0.0
	128	0	12.49		0.0
DFT-s-OFDM 16QAM	1	1	12.13	0-1	0.0
CP-OFDM QPSK	1	1	12.09	0-1.5	0.0

Table H- 187
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 40 MHz Bandwidth
NR Band n77 DoD
40 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.12	0	0.0
	1	53	12.46		0.0
	1	104	12.40		0.0
	50	0	12.37	0-1	0.0
	50	28	12.52	0	0.0
	50	56	12.50	0-1	0.0
	100	0	12.48		0.0
DFT-s-OFDM 16QAM	1	1	12.20	0-1	0.0
CP-OFDM QPSK	1	1	12.13	0-1.5	0.0

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Table H- 188
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.26	0	0.0
	1	39	12.45		0.0
	1	76	12.46		0.0
	36	0	12.40	0-1	0.0
	36	21	12.53	0	0.0
	36	42	12.51	0-1	0.0
	75	0	12.50		0.0
DFT-s-OFDM 16QAM	1	1	12.33	0-1	0.0
CP-OFDM QPSK	1	1	12.27	0-1.5	0.0

Table H- 189
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.32	0	0.0
	1	33	12.47		0.0
	1	63	12.45		0.0
	32	0	12.43	0-1	0.0
	32	17	12.49	0	0.0
	32	33	12.52	0-1	0.0
	64	0	12.50		0.0
DFT-s-OFDM 16QAM	1	1	12.41	0-1	0.0
CP-OFDM QPSK	1	1	12.32	0-1.5	0.0

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Table H- 190
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 20 MHz Bandwidth
NR Band n77 DoD
20 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.36	0	0.0
	1	26	12.47		0.0
	1	49	12.49		0.0
	25	0	12.44	0-1	0.0
	25	13	12.52	0	0.0
	25	26	12.53	0-1	0.0
	50	0	12.51		0.0
DFT-s-OFDM 16QAM	1	1	12.43	0-1	0.0
CP-OFDM QPSK	1	1	12.39	0-1.5	0.0

Table H- 191
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth
NR Band n77 DoD
15 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.44	0	0.0
	1	19	12.48		0.0
	1	36	12.50		0.0
	18	0	12.46	0-1	0.0
	18	10	12.53	0	0.0
	18	20	12.52	0-1	0.0
	36	0	12.51		0.0
DFT-s-OFDM 16QAM	1	1	12.48	0-1	0.0
CP-OFDM QPSK	1	1	12.41	0-1.5	0.0

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Table H- 192
NR Band n77 DoD Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth
NR Band n77 DoD
10 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.45	0	0.0
	1	12	12.47		0.0
	1	22	12.49		0.0
	12	0	12.48	0-1	0.0
	12	6	12.52	0	0.0
	12	12	12.51	0-1	0.0
	24	0	12.50		0.0
DFT-s-OFDM 16QAM	1	1	12.52	0-1	0.0
CP-OFDM QPSK	1	1	12.47	0-1.5	0.0

H.2.17 NR Band n77 DoD Band Antenna C,I & D

Table H- 193
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	11.98
SRS #3 Ant I	11.79
SRS #4 Ant D	11.04

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Table H- 194
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.00
SRS #3 Ant I	11.80
SRS #4 Ant D	11.02

Table H- 195
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.01
SRS #3 Ant I	11.80
SRS #4 Ant D	11.06

Table H- 196
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.02
SRS #3 Ant I	11.81
SRS #4 Ant D	11.03

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Table H- 197
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.01
SRS #3 Ant I	11.79
SRS #4 Ant D	11.00

Table H- 198
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.04
SRS #3 Ant I	11.79
SRS #4 Ant D	10.99

Table H- 199
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.01
SRS #3 Ant I	11.77
SRS #4 Ant D	11.03

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Table H- 200
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n77 DoD 25 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.01
SRS #3 Ant I	11.78
SRS #4 Ant D	11.09

Table H- 201
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.02
SRS #3 Ant I	11.79
SRS #4 Ant D	11.02

Table H- 202
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.00
SRS #3 Ant I	11.79
SRS #4 Ant D	11.07

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Table H- 203
NR Band n77 DoD Ant C,I & D Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant C	12.01
SRS #3 Ant I	11.79
SRS #4 Ant D	11.04

H.2.18 NR Band n77 C Band Antenna F

Table H- 204
NR Band n77 C Ant F Measured P_{limit} for all RSI – 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.13	12.93	0	0.0
	1	123	13.29	13.08		0.0
	1	243	12.64	12.97		0.0
	120	0	13.03	12.89	0-1	0.0
	120	63	13.29	13.06	0	0.0
	120	125	12.63	12.79	0-1	0.0
	243	0	13.31	13.02		0.0
DFT-s-OFDM 16QAM	1	1	13.18	12.97	0-1	0.0
CP-OFDM QPSK	1	1	13.12	12.98	0-1.5	0.0

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Table H- 205
NR Band n77 C Ant F Measured P_{limit} for all RSI – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.04	12.90	0	0.0
	1	109	13.30	13.13		0.0
	1	215	12.60	12.97		0.0
	108	0	13.02	12.97	0-1	0.0
	108	55	13.33	13.12	0	0.0
	108	109	12.75	12.81	0-1	0.0
	216	0	13.32	13.07		0.0
DFT-s-OFDM 16QAM	1	1	12.98	12.97	0-1	0.0
CP-OFDM QPSK	1	1	12.94	12.93	0-1.5	0.0

Table H- 206
NR Band n77 C Ant F Measured P_{limit} for all RSI – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.91	12.79	0	0.0
	1	95	13.28	13.08		0.0
	1	187	12.57	12.84		0.0
	90	0	13.09	12.99	0-1	0.0
	90	50	13.31	13.12	0	0.0
	90	99	12.80	12.86	0-1	0.0
	180	0	13.29	13.11		0.0
DFT-s-OFDM 16QAM	1	1	12.97	12.89	0-1	0.0
CP-OFDM QPSK	1	1	12.90	12.86	0-1.5	0.0

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Table H- 207
NR Band n77 C Ant F Measured P_{limit} for all RSI – 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.92	12.86	0	0.0
	1	81	13.24	13.11		0.0
	1	160	12.55	12.85		0.0
	81	0	13.11	13.04	0-1	0.0
	81	41	13.31	13.15	0	0.0
	81	81	12.91	12.96	0-1	0.0
	162	0	13.28	13.13		0.0
DFT-s-OFDM 16QAM	1	1	12.91	12.91	0-1	0.0
CP-OFDM QPSK	1	1	12.86	12.90	0-1.5	0.0

Table H- 208
NR Band n77 C Ant F Measured P_{limit} for all RSI – 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	12.98	12.88	0	0.0
	1	67	13.24	13.07		0.0
	1	131	12.63	12.89		0.0
	64	0	13.13	13.06	0-1	0.0
	64	35	13.28	13.14	0	0.0
	64	69	12.95	12.99	0-1	0.0
	128	0	13.27	13.12		0.0
DFT-s-OFDM 16QAM	1	1	12.98	12.96	0-1	0.0
CP-OFDM QPSK	1	1	12.94	12.91	0-1.5	0.0

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Table H- 209
NR Band n77 C Ant F Measured P_{limit} for all RSI – 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.01	12.96	0	0.0
	1	53	13.23	13.11		0.0
	1	104	12.70	12.82		0.0
	50	0	13.19	13.08	0-1	0.0
	50	28	13.27	13.15	0	0.0
	50	56	13.02	13.02	0-1	0.0
	100	0	13.25	13.11		0.0
DFT-s-OFDM 16QAM	1	1	13.04	13.01	0-1	0.0
CP-OFDM QPSK	1	1	13.09	12.99	0-1.5	0.0

Table H- 210
NR Band n77 C Ant F Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.18	13.00	0	0.0
	1	39	13.28	13.10		0.0
	1	76	12.95	12.94		0.0
	36	0	13.28	13.08	0-1	0.0
	36	21	13.33	13.15	0	0.0
	36	42	13.17	13.06	0-1	0.0
	75	0	13.35	13.12		0.0
DFT-s-OFDM 16QAM	1	1	13.23	13.08	0-1	0.0
CP-OFDM QPSK	1	1	13.13	13.02	0-1.5	0.0

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Table H- 211
NR Band n77 C Ant F Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.22	13.03	0	0.0
	1	33	13.29	13.11		0.0
	1	63	13.15	13.00		0.0
	32	0	13.40	13.10	0-1	0.0
	32	17	13.43	13.13	0	0.0
	32	33	13.21	13.09	0-1	0.0
	64	0	13.29	13.14		0.0
DFT-s-OFDM 16QAM	1	1	13.26	13.06	0-1	0.0
CP-OFDM QPSK	1	1	13.19	13.02	0-1.5	0.0

Table H- 212
NR Band n77 C Ant F Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.25	13.04	0	0.0
	1	26	13.29	13.09		0.0
	1	49	13.12	13.03		0.0
	25	0	13.25	13.12	0-1	0.0
	25	13	13.32	13.14	0	0.0
	25	26	13.21	13.10	0-1	0.0
	50	0	13.33	13.15		0.0
DFT-s-OFDM 16QAM	1	1	13.32	13.16	0-1	0.0
CP-OFDM QPSK	1	1	13.30	13.08	0-1.5	0.0

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Table H- 213
NR Band n77 C Ant F Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.29	13.10	0	0.0
	1	19	13.38	13.12		0.0
	1	36	13.19	13.07		0.0
	18	0	13.30	13.13	0-1	0.0
	18	10	13.34	13.15	0	0.0
	18	20	13.24	13.12	0-1	0.0
	36	0	13.31	13.15		0.0
DFT-s-OFDM 16QAM	1	1	13.34	13.14	0-1	0.0
CP-OFDM QPSK	1	1	13.25	13.07	0-1.5	0.0

Table H- 214
NR Band n77 C Ant F Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.29	13.17	0	0.0
	1	12	13.30	13.13		0.0
	1	22	13.24	13.14		0.0
	12	0	13.33	13.15	0-1	0.0
	12	6	13.35	13.14	0	0.0
	12	12	13.31	13.12	0-1	0.0
	24	0	13.35	13.14		0.0
DFT-s-OFDM 16QAM	1	1	13.39	13.18	0-1	0.0
CP-OFDM QPSK	1	1	13.32	13.13	0-1.5	0.0

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H.2.19 NR Band n77 C Band Antenna C,I & D

Table H- 215
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.15	12.34
SRS #3 Ant I	12.92	12.48
SRS #4 Ant D	11.63	11.15

Table H- 216
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.16	12.38
SRS #3 Ant I	12.91	12.49
SRS #4 Ant D	11.59	11.21

Table H- 217
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.04	12.37
SRS #3 Ant I	12.92	12.48
SRS #4 Ant D	11.63	11.28

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Table H- 218
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.21	12.41
SRS #3 Ant I	12.93	12.44
SRS #4 Ant D	11.66	11.23

Table H- 219
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.05	12.37
SRS #3 Ant I	12.89	12.51
SRS #4 Ant D	11.64	11.29

Table H- 220
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.19	12.39
SRS #3 Ant I	12.91	12.48
SRS #4 Ant D	11.68	11.28

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Table H- 221
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.17	12.37
SRS #3 Ant I	12.87	12.46
SRS #4 Ant D	11.67	11.30

Table H- 222
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 25 MHz Bandwidth

NR Band n77 25 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.16	12.43
SRS #3 Ant I	12.46	12.85
SRS #4 Ant D	11.71	11.32

Table H- 223
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.16	12.38
SRS #3 Ant I	12.85	12.46
SRS #4 Ant D	11.70	11.32

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Table H- 224
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.18	12.39
SRS #3 Ant I	12.84	12.47
SRS #4 Ant D	11.69	11.33

Table H- 225
NR Band n77 C Ant C,I & D Measured P_{limit} for all RSI – 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant C	11.16	12.37
SRS #3 Ant I	12.86	12.47
SRS #4 Ant D	11.73	11.37

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PART 0 SAR CHAR REPORT

Applicant Name:

Samsung Electronics Co., Ltd.
129, Samsung-ro, Maetan dong,
Yeongtong-gu, Suwon-si
Gyeonggi-do, 16677, Korea

Date of Testing:

11/06/2025 – 12/30/2025

Test Site/Location:

Element, Columbia, MD, USA

Document Serial No.:

1M2510280090-02.A3L

FCC ID:

A3LSMA576U

APPLICANT:

SAMSUNG ELECTRONICS CO., LTD

Report Type:

Part 0 SAR Characterization

DUT Type:

Portable Handset

Model(s):

SM-A576U1

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Test results reported herein relate only to the item(s) tested.



RJ Ortanez
Executive Vice President



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1 DEVICE UNDER TEST

1.1 Device Overview

Band & Mode	Operating Modes	Tx Frequency
GSM/GPRS/EDGE 850	Voice/Data	824.20 - 848.80 MHz
GSM/GPRS/EDGE 1900	Voice/Data	1850.20 - 1909.80 MHz
UMTS 850	Voice/Data	826.40 - 846.60 MHz
UMTS 1750	Voice/Data	1712.4 - 1752.6 MHz
UMTS 1900	Voice/Data	1852.4 - 1907.6 MHz
LTE Band 71	Voice/Data	665.5 - 695.5 MHz
LTE Band 12	Voice/Data	699.7 - 715.3 MHz
LTE Band 13	Voice/Data	779.5 - 784.5 MHz
LTE Band 14	Voice/Data	790.5 - 795.5 MHz
LTE Band 26	Voice/Data	814.7 - 848.3 MHz
LTE Band 5	Voice/Data	824.7 - 848.3 MHz
LTE Band 66	Voice/Data	1710.7 - 1779.3 MHz
LTE Band 4	Voice/Data	1710.7 - 1754.3 MHz
LTE Band 25	Voice/Data	1850.7 - 1914.3 MHz
LTE Band 2	Voice/Data	1850.7 - 1909.3 MHz
LTE Band 30	Voice/Data	2307.5 - 2312.5 MHz
LTE Band 7	Voice/Data	2502.5 - 2567.5 MHz
LTE Band 41	Voice/Data	2498.5 - 2687.5 MHz
LTE Band 38	Voice/Data	2572.5 - 2617.5 MHz
LTE Band 48	Voice/Data	3552.5 - 3697.5 MHz
NR Band n71	Voice/Data	665.5 - 695.5 MHz
NR Band n5	Voice/Data	826.5 - 846.5 MHz
NR Band n70	Voice/Data	1697.5 - 1707.5 MHz
NR Band n66	Voice/Data	1712.5 - 1777.5 MHz
NR Band n25	Voice/Data	1852.5 - 1912.5 MHz
NR Band n2	Voice/Data	1852.5 - 1907.5 MHz
NR Band n30	Voice/Data	2307.5 - 2312.5 MHz
NR Band n41	Voice/Data	2501.01 - 2685 MHz
NR Band n48	Voice/Data	3555 - 3694.98 MHz
NR Band n78	Voice/Data	3455.01 - 3544.98 MHz; 3705 - 3795 MHz
NR Band n77	Voice/Data	3455.01 - 3544.98 MHz; 3705 - 3975 MHz
2.4 GHz WIFI	Voice/Data	2412 - 2462 MHz
5 GHz WIFI	Voice/Data	U-NII-1: 5180 - 5240 MHz U-NII-2A: 5260 - 5320 MHz U-NII-2C: 5500 - 5720 MHz U-NII-3: 5745 - 5825 MHz U-NII-4: 5845 - 5885 MHz
6 GHz WIFI	Voice/Data	U-NII-5: 5935 - 6415 MHz U-NII-6: 6435 - 6515 MHz U-NII-7: 6535 - 6875 MHz U-NII-8: 6895 - 7115 MHz
2.4 GHz Bluetooth	Data	2402 - 2480 MHz
NFC	Data	13.56 MHz

This device uses time-averaged SAR (TAS) feature to control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is in compliance with the FCC requirement for WWAN/WLAN/BT operations via S.LSI TAS. Additionally, this device supports NFC, but the output power of this modem is not controlled by the TAS algorithm.

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1.2 Time-Averaging for SAR

This device incorporates the Samsung S.LSI proprietary TAS (Time-Averaged SAR) feature for 2G, 3G, 4G, 5G, WLAN, and Bluetooth operations. The TAS feature implements a real-time time-averaging algorithm to dynamically control and manage the transmit power, such that the time-averaged RF exposure remains compliant with FCC requirements over the applicable averaging duration. This Part 0 report shows SAR characterization for all radios supported under the TAS algorithm. Characterization is achieved by determining P_{limit} for such radios that corresponds to the exposure design targets after accounting for all device design related uncertainties, i.e., SAR_{design_target} (< FCC SAR limit). The SAR characterization is denoted as SAR CHAR in this report. Section 1.3 includes a nomenclature of the specific terms used in this report.

The compliance test under the static transmission scenario and simultaneous transmission analysis are reported in Part 1 report. The validation of the time-averaging algorithm and compliance under the dynamic (time-varying) transmission scenario for WWAN, WLAN, and Bluetooth technologies are reported in Part 2 report (report SN could be found in Section 1.4 – Bibliography).

1.3 Nomenclature for Part 0 Report

Technology	Term	Description
2G/3G/4G/5G Sub-6 NR	P_{limit}	Power level that corresponds to the exposure design target (SAR_{design_target}) after accounting for all device design related uncertainties
	P_{max}	Maximum tune up output power
	SAR_{design_target}	Target SAR level < FCC SAR limit after accounting for all device design related uncertainties
	SAR_{Char}	Table containing P_{limit} for all technologies and bands

1.4 Bibliography

Report Type	Report Serial Number
RF Exposure Part 1 Test Report	1M2510280090-01.A3L
RF Exposure Part 2 Test Report	1M2510280090-03.A3L
RF Exposure Compliance Summary	1M2510280090-04.A3L

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2 SAR AND POWER DENSITY MEASUREMENTS

2.1 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dU) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Equation 2-1).

Equation 2-1
SAR Mathematical Equation

$$SAR = \frac{d}{dt} \left(\frac{dU}{dm} \right) = \frac{d}{dt} \left(\frac{dU}{\rho dv} \right)$$

SAR is expressed in units of Watts per Kilogram (W/kg).

$$SAR = \frac{\sigma \cdot E^2}{\rho}$$

where:

σ	=	conductivity of the tissue-simulating material (S/m)
ρ	=	mass density of the tissue-simulating material (kg/m ³)
E	=	Total RMS electric field strength (V/m)

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relation to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.[6]

2.2 SAR Measurement Procedure

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

1. The SAR distribution at the exposed side of the head or body was measured at a distance no greater than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the device-head and body interface and the horizontal grid resolution was determined per FCC KDB Publication 865664 D01v01r04 (See Table 2-1) and IEEE 1528-2013.
2. The point SAR measurement was taken at the maximum SAR region determined from Step 1 to enable the monitoring of SAR fluctuations/drifts during the 1g/10g cube evaluation. SAR at this fixed point was measured and used as a reference value.
3. Based on the area scan data, the peak of the region with maximum SAR was determined by spline interpolation. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB Publication 865664 D01v01r04 (See Table 2-1) and IEEE 1528-2013. On the

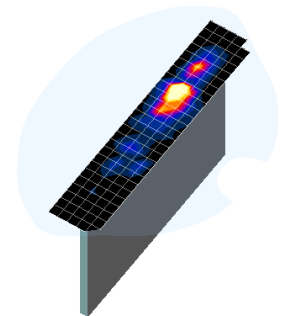


Figure 2-1
Sample SAR Area Scan

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basis of this data set, the spatial peak SAR value was evaluated with the following procedure (see references or the DASY manual online for more details):

- a. SAR values at the inner surface of the phantom are extrapolated from the measured values along the line away from the surface with spacing no greater than that in Table 2-1. The extrapolation was based on a least-squares algorithm. A polynomial of the fourth order was calculated through the points in the z-axis (normal to the phantom shell).
 - b. After the maximum interpolated values were calculated between the points in the cube, the SAR was averaged over the spatial volume (1g or 10g) using a 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the “Not a knot” condition (in x, y, and z directions). The volume was then integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were obtained through interpolation, in order to calculate the averaged SAR.
 - c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan was complete to calculate the SAR drift. If the drift deviated by more than 5%, the SAR test and drift measurements were repeated.

Table 2-1
Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04*

Frequency	Maximum Area Scan Resolution (mm) ($\Delta x_{\text{area}}, \Delta y_{\text{area}}$)	Maximum Zoom Scan Resolution (mm) ($\Delta x_{\text{zoom}}, \Delta y_{\text{zoom}}$)	Maximum Zoom Scan Spatial Resolution (mm)			Minimum Zoom Scan Volume (mm) (x,y,z)
			Uniform Grid	Graded Grid		
				$\Delta z_{\text{zoom}}(n)$	$\Delta z_{\text{zoom}}(1)^*$	
≤ 2 GHz	≤ 15	≤ 8	≤ 5	≤ 4	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 30
2-3 GHz	≤ 12	≤ 5	≤ 5	≤ 4	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 30
3-4 GHz	≤ 12	≤ 5	≤ 4	≤ 3	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 28
4-5 GHz	≤ 10	≤ 4	≤ 3	≤ 2.5	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 25
5-6 GHz	≤ 10	≤ 4	≤ 2	≤ 2	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 22

*Also compliant to IEEE 1528-2013 Table 6

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3 SAR CHARACTERIZATION

3.1 RSI and SAR Determination

For WWAN, WLAN, and Bluetooth operations this device uses different Radio State Index (RSI) via S.LSI TAS to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the smartphone, the worst-case SAR was determined by measurements for the relevant exposure conditions for that RSI. Detailed descriptions of the detection mechanisms are included in the operational description.

When 1g SAR and 10g SAR exposure comparison is needed, the worst-case was determined from SAR normalized to 1g or 10g SAR limit.

The radio state index (RSI) conditions used in Table 3-1 represent different exposure scenarios..

Table 3-1
DSI and Corresponding Exposure Scenarios

Scenario	Description	SAR Test Cases
Head (RSI = 1)	- Device positioned next to head - Receiver Active	Head SAR per KDB Publication 648474 D04
Hotspot mode (RSI = 0)	- Device transmits in hotspot mode near body - Hotspot Mode Active	Hotspot SAR per KDB Publication 941225 D06
Phablet (RSI = 0)	- Device is held with hand and grip sensor is not triggered - Distance grip sensor not triggered	Phablet SAR per KDB Publication 648474 D04 & KDB Publication 616217 D04
Body-worn (RSI = 0)	Device being used with a body-worn accessory	Body-worn SAR per KDB Publication 648474 D04

3.2 SAR Design Target

SAR_design_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer (see Table 3-2).

Table 3-2
***SAR_design_target* Calculations**

<i>SAR_design_target</i>			
$SAR_design_target < SAR_regulatory_limit \times 10^{\frac{-Total\ Uncertainty}{10}}$			
1g SAR (W/kg)		10g SAR (W/kg)	
<i>Total Uncertainty</i>	1.0 dB	<i>Total Uncertainty</i>	1.0 dB
<i>SAR_regulatory_limit</i>	1.6 W/kg	<i>SAR_regulatory_limit</i>	4.0 W/kg
<i>SAR_design_target</i>	1.0 W/kg	<i>SAR_design_target</i>	2.5 W/kg

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3.3 SAR CHAR

SAR test results corresponding to P_{max} for each antenna/technology/band/DSI can be found in Appendix A and Section 12 of the RF Exposure Part 1 Test Report.

P_{limit} is calculated by linearly scaling with the measured SAR at the Ppart0 to correspond to the SAR_{design_target} . The final P_{limit} determination for each exposure scenario corresponding to SAR_{design_target} are shown in Table 3-3.

Table 3-3
 P_{Limit} Determination

Radio State Index (RSI)	P_{Limit} Determination Scenarios
0	The worst-case SAR exposure is determined as maximum SAR normalized to the limit (i.e. lowest P_{limit}) among: 1. P_{limit} is calculated based on 1g Body Worn SAR at 5mm 2. P_{limit} is calculated based on 1g Hotspot SAR at 10 mm 3. P_{limit} is calculated based on 10g Phablet SAR measured at 0 mm spacing
1	P_{limit} is calculated based on 1g Head SAR

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Table 3-4
SAR Characterizations

Exposure Scenario Averaging Volume Spacing RSI			Maximum Time-Up Output Power*	Body-Worn, Hotspot or Phablet	Head
				1g/10g	1g
				10mm, 5mm, 0mm	0mm
					1
Technology/Band	Antenna	Antenna Group	P _{max}	P _{limit}	P _{limit}
GSM 850	A	AG0	25.1	20.3	32.2
GSM 850	E	AG1	24.8	16.8	16.8
GSM 1900	A	AG0	21.3	17.3	31.6
UMTS 850	A	AG0	24.0	22.0	32.4
UMTS 850	E	AG1	23.5	21.0	21.0
UMTS 1750	A	AG0	23.5	17.0	30.4
UMTS 1900	A	AG0	23.5	18.0	21.0
LTE Band 71	A	AG0	24.0	22.0	31.7
LTE Band 71	E	AG1	23.5	19.0	19.0
LTE Band 12	A	AG0	24.5	22.0	30.7
LTE Band 12	E	AG1	24.0	19.0	19.0
LTE Band 13	A	AG0	24.0	22.0	31.8
LTE Band 13	E	AG1	23.5	19.0	19.0
LTE Band 14	A	AG0	24.0	22.0	35.8
LTE Band 14	E	AG1	23.5	19.0	19.0
LTE Band 26/5	A	AG0	24.0	21.5	31.9
LTE Band 26/5	E	AG1	23.5	19.5	19.5
LTE Band 66/4	A	AG0	23.5	17.0	31.6
LTE Band 66/4	F	AG1	23.0	16.5	16.5
LTE Band 25/2	A	AG0	23.5	17.0	32.7
LTE Band 25/2	F	AG1	23.0	17.5	17.5
LTE Band 30	B	AG0	23.0	18.0	34.8
LTE Band 30	F	AG1	22.5	18.0	18.0
LTE Band 7	B	AG0	23.5	18.0	32.6
LTE Band 7	F	AG1	23.0	16.0	16.0
LTE Band 41/38 PC3	B	AG0	21.0	16.0	32.2
LTE Band 41/38 PC3	F	AG1	21.0	15.0	15.0
LTE Band 48	F	AG1	21.5	15.0	15.0
NR Band n71	A	AG0	24.0	22.0	31.7
NR Band n71	E	AG1	23.5	19.0	19.0
NR Band n5	A	AG0	24.0	22.0	31.0
NR Band n5	E	AG1	23.5	19.0	19.0
NR Band n70	A	AG0	23.5	15.5	27.8
NR Band n70	F	AG1	23.0	16.0	16.0
NR Band n66	A	AG0	23.5	17.0	29.7
NR Band n66	F	AG1	23.0	16.0	16.0
NR Band n25/n2	A	AG0	23.5	15.5	31.2
NR Band n25/n2	F	AG1	23.0	18.0	18.0
NR Band n30	B	AG0	22.5	18.0	32.4
NR Band n30	F	AG1	21.5	18.0	18.0
NR Band n41 PC3	B	AG0	23.5	17.5	31.7
NR Band n41 PC2	B	AG0	25.5	17.5	31.7
NR Band n48 PC3	F	AG1	22.0	13.5	13.5
NR Band n48 PC3	C	AG0	18.5	15.0	15.0
NR Band n48 PC3	I	AG1	19.0	15.0	15.0
NR Band n48 PC3	D	AG0	19.0	11.0	11.0
NR Band n78 PC3	F	AG1	23.5	12.5	12.5
NR Band n78 PC2	F	AG1	26.0	12.5	12.5
NR Band n78 PC2/PC3	C	AG0	21.5	12.0	12.0
NR Band n78 PC2/PC3	I	AG1	22.5	12.0	12.0
NR Band n77 PC2/PC3	D	AG0	21.5	11.0	11.0
2.4 GHz WIFI	H	AG1	18.0	16.0	14.0
2.4 GHz WIFI MIMO	H	AG1	18.0	16.0	14.0
2.4 GHz WIFI MIMO	J	AG1	16.0	14.0	12.0
5 GHz WIFI	G	AG1	16.0	18.9	13.0
5 GHz WIFI MIMO	E	AG1	14.0	14.8	11.0
5 GHz WIFI MIMO	G	AG1	16.0	17.3	13.0
6 GHz WIFI	G	AG1	15.0	9.0	9.0
6 GHz WIFI MIMO	E	AG1	12.5	19.2	14.7
6 GHz WIFI MIMO	G	AG1	15.0	21.7	17.2
2.4 GHz Bluetooth	H	AG1	16.8	21.3	20.6

Notes:

1. All Final Plimit and maximum tune up output power Pmax levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (e.g. GSM and LTE TDD).
2. Maximum tune up output power Pmax is used to configure EUT during RF tune up procedure. The maximum allowed output power is equal to maximum Tune up output power + 1dB device design uncertainty.
3. The maximum time-averaged output power (dBm) for any Sub6 WWAN technology, band, and RSI = minimum of "final Plimit " and "Maximum tune up output power Pmax " + 1dB device uncertainty. SAR values in this report were scaled to this maximum time-averaged output power to determine compliance per KDB Publication 447498 D04v01.
4. All MIMO Pmax and Plimit are defined per antenna chain

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4 EQUIPMENT LIST

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	N5182A	MXG Vector Signal Generator	5/30/2025	Annual	5/30/2026	MY48180366
Agilent	N5182A	MXG Vector Signal Generator	8/1/2025	Annual	8/1/2026	MY47420651
Agilent	8753ES	S-Parameter Vector Network Analyzer	1/6/2025	Annual	1/6/2026	MY40001472
Agilent	N4010A	Wireless Connectivity Test Set	N/A	N/A	N/A	GB46170464
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	433974
Anritsu	MN8110B	I/O Adaptor	CBT	N/A	CBT	6261747881
Rohde & Schwarz	NRP2	Power Meter	5/23/2025	Annual	5/23/2026	103084
Anritsu	MT8821C	Radio Communication Analyzer MT8821C	6/9/2025	Annual	6/9/2026	6201144418
Anritsu	MT8821C	Radio Communication Analyzer MT8821C	3/14/2025	Annual	3/14/2026	6201381794
Anritsu	MT8000A	Radio Communication Test Station	6/4/2025	Annual	6/4/2026	6261914237
Anritsu	MT8000A	Radio Communication Test Station	10/17/2025	Annual	10/17/2026	6272337405
Anritsu	MA24106A	USB Power Sensor	5/29/2025	Annual	5/29/2026	1344554
Anritsu	MA24106A	USB Power Sensor	6/26/2025	Annual	6/26/2026	1827529
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240174346
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240171096
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240171059
Control Company	4040	Therm./ Clock/ Humidity Monitor	4/15/2024	Biennial	4/15/2026	240310280
Control Company	4040	Therm./ Clock/ Humidity Monitor	10/15/2024	Biennial	10/15/2026	240763503
Testo	ALARM-HYGROMETER	ALARM-HYGROMETER	7/3/2025	Annual	7/3/2026	83316952
Testo	ALARM-HYGROMETER	ALARM-HYGROMETER	7/3/2025	Annual	7/3/2026	83316953
Testo	ALARM-HYGROMETER	ALARM-HYGROMETER	7/3/2025	Annual	7/3/2026	83316970
Keysight Technologies	N9020A	MXA Signal Analyzer	7/7/2025	Annual	7/7/2026	MY48010233
MCL	BW-N6W5+	6dB Attenuator	CBT	N/A	CBT	1139
MCL	BW-N3W5+	3dB Attenuator	CBT	N/A	CBT	2028
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	31634
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-1200+	Low Pass Filter DC to 1000 MHz	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-2950+	Low Pass Filter DC to 2700 MHz	CBT	N/A	CBT	N/A
Mini-Circuits	BW-N20W5	Power Attenuator	CBT	N/A	CBT	1226
Mini-Circuits	ZUDC10-83-S+	Directional Coupler	CBT	N/A	CBT	2050
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Narda	BW-S3W2	Attenuator (3dB)	CBT	N/A	CBT	120
Seekonk	NC-100	Torque Wrench	4/2/2024	Biennial	4/2/2026	1262
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	1/10/2025	Annual	1/10/2026	131453
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	8/27/2024	Biennial	8/27/2026	167085
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	12/10/2024	Annual	12/10/2025	167286
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	1/6/2025	Annual	1/6/2026	131454
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	7/9/2025	Annual	7/9/2026	166462
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	2/22/2025	Annual	2/22/2026	168527
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	1/6/2025	Annual	1/6/2026	150117

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Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
SPEAG	DAK-3.5	Dielectric Assessment Kit	11/10/2025	Annual	11/10/2026	1277
SPEAG	DAK-3.5	Dielectric Assessment Kit	12/3/2024	Annual	12/3/2025	1278
SPEAG	DAK-3.5	Dielectric Assessment Kit	7/14/2025	Annual	7/14/2026	1039
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1237
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1331
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1390
SPEAG	DAK-12	Dielectric Assessment Kit (4MHz - 3GHz)	3/10/2025	Annual	3/10/2026	1102
SPEAG	DAK-12	Dielectric Assessment Kit (4MHz - 3GHz)	7/14/2025	Annual	7/14/2026	1039
SPEAG	CLA-13	Confined Loop Antenna	9/4/2024	Annual	9/4/2025	1002
SPEAG	D750V3	750 MHz SAR Dipole	2/12/2025	Annual	2/12/2026	1046
SPEAG	D750V3	750 MHz SAR Dipole	3/4/2025	Annual	3/4/2026	1054
SPEAG	D750V3	750 MHz SAR Dipole	10/7/2024	Biennial	10/7/2026	1161
SPEAG	D835V2	835 MHz SAR Dipole	3/11/2024	Biennial	3/11/2026	4d133
SPEAG	D835V2	835 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	4d119
SPEAG	D835V2	835 MHz SAR Dipole	3/4/2025	Annual	3/4/2026	4d047
SPEAG	D835V2	835 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	4d180
SPEAG	D1750V2	1750 MHz SAR Dipole	1/13/2025	Annual	1/13/2026	1148
SPEAG	D1750V2	1750 MHz SAR Dipole	6/4/2025	Annual	6/4/2026	1092
SPEAG	D1750V2	1750 MHz SAR Dipole	11/7/2024	Biennial	11/7/2026	1150
SPEAG	D1900V2	1900 MHz SAR Dipole	8/7/2025	Annual	8/7/2026	5d080
SPEAG	D1900V2	1900 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	5d026
SPEAG	D1900V2	1900 MHz SAR Dipole	2/7/2025	Annual	2/7/2026	5d148
SPEAG	D2300V2	2300 MHz SAR Dipole	6/14/2024	Biennial	6/14/2026	1116
SPEAG	D2300V2	2300 MHz SAR Dipole	2/12/2025	Annual	2/12/2026	1008
SPEAG	D2300V2	2300 MHz SAR Dipole	8/12/2025	Annual	8/12/2026	1073
SPEAG	D2300V2	2300 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	1117
SPEAG	D2450V2	2450 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	945
SPEAG	D2450V2	2450 MHz SAR Dipole	10/7/2025	Annual	10/7/2026	797
SPEAG	D2450V2	2450 MHz SAR Dipole	2/12/2025	Annual	2/12/2026	882
SPEAG	D2600V2	2600 MHz SAR Dipole	8/11/2025	Annual	8/11/2026	1126
SPEAG	D2600V2	2600 MHz SAR Dipole	6/3/2025	Annual	6/3/2026	1009
SPEAG	D3500V2	3500 MHz SAR Dipole	6/2/2025	Annual	6/2/2026	1127
SPEAG	D3700V2	3700 MHz SAR Dipole	6/2/2025	Annual	6/2/2026	1096
SPEAG	D3900V2	3900 MHz SAR Dipole	6/2/2025	Annual	6/2/2026	1074
SPEAG	D5GHzV2	5 GHz SAR Dipole	2/21/2024	Biennial	2/21/2026	1057
SPEAG	D6.5GHzV2	6.5 GHz SAR Dipole	2/4/2025	Annual	2/4/2026	1111
SPEAG	5G Verification Source 10GHz	10GHz System Verification Antenna	3/4/2025	Annual	3/4/2026	1002
SPEAG	DAE4	Dasy Data Acquisition Electronics	3/11/2025	Annual	3/11/2026	1415
SPEAG	DAE4	Dasy Data Acquisition Electronics	4/7/2025	Annual	4/7/2026	1368
SPEAG	DAE4	Dasy Data Acquisition Electronics	3/11/2025	Annual	3/11/2026	1415
SPEAG	DAE4	Dasy Data Acquisition Electronics	4/10/2025	Annual	4/10/2026	1272
SPEAG	DAE4	Dasy Data Acquisition Electronics	1/14/2025	Annual	1/14/2026	1466
SPEAG	DAE4	Dasy Data Acquisition Electronics	1/13/2025	Annual	1/13/2026	1530
SPEAG	DAE4	Dasy Data Acquisition Electronics	6/4/2025	Annual	6/4/2026	1652
SPEAG	DAE4	Dasy Data Acquisition Electronics	10/13/2025	Annual	10/13/2026	1583
SPEAG	DAE4	Dasy Data Acquisition Electronics	9/10/2025	Annual	9/10/2026	1364
SPEAG	DAE4	Dasy Data Acquisition Electronics	4/7/2025	Annual	4/7/2026	1407
SPEAG	DAE4	Dasy Data Acquisition Electronics	11/5/2025	Annual	11/5/2026	1677
SPEAG	DAE4	Dasy Data Acquisition Electronics	6/4/2025	Annual	6/4/2026	1502
SPEAG	DAE4	Dasy Data Acquisition Electronics	6/5/2025	Annual	6/5/2026	1558
SPEAG	DAE4ip	Dasy Data Acquisition Electronics	2/7/2025	Annual	2/7/2026	1638
SPEAG	EX3DV4	SAR Probe	10/14/2025	Annual	10/14/2026	7527
SPEAG	EX3DV4	SAR Probe	4/11/2025	Annual	4/11/2026	7546
SPEAG	EX3DV4	SAR Probe	3/7/2025	Annual	3/7/2026	7488
SPEAG	EX3DV4	SAR Probe	4/7/2025	Annual	4/7/2026	7659
SPEAG	EX3DV4	SAR Probe	8/12/2025	Annual	8/12/2026	7491
SPEAG	EX3DV4	SAR Probe	1/7/2025	Annual	1/7/2026	7713
SPEAG	EX3DV4	SAR Probe	6/12/2025	Annual	6/12/2026	7637
SPEAG	EX3DV4	SAR Probe	10/13/2025	Annual	10/13/2026	7803
SPEAG	EX3DV4	SAR Probe	9/15/2025	Annual	9/15/2026	7558
SPEAG	EX3DV4	SAR Probe	4/8/2025	Annual	4/8/2026	7718
SPEAG	EX3DV4	SAR Probe	11/7/2025	Annual	11/7/2026	7406
SPEAG	EX3DV4	SAR Probe	6/12/2025	Annual	6/12/2026	7402
SPEAG	EX3DV4	SAR Probe	6/11/2025	Annual	6/11/2026	7661
SPEAG	EX3DV4	SAR Probe	2/10/2025	Annual	2/10/2026	7570
SPEAG	EUMmWV3	EUMmWV3 Probe	1/8/2025	Annual	1/8/2026	9389

Note:

1. CBT (Calibrated Before Testing). Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. a signal generator) to determine the losses of the measurement path. The power meter offset was then adjusted to compensate for the measurement system losses. This level offset is stored within the power meter before measurements are made. This calibration verification procedure applies to the system verification and output power measurements. The calibrated reading is then taken directly from the power meter after compensation of the losses for all final power measurements.
2. Each equipment item was used solely within its respective calibration period.

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5 MEASUREMENT UNCERTAINTIES

SAR Uncertainty Budget based on IEEE 1528-2013 (0.3 GHz to 10 GHz)

a	b	c	d	e f(d,k)	f	g	h cx/f/e	i cx/g/e	k
Uncertainty component	Reference	Tol. (± %)	Prob. dist.	Dvi.	ci (1g)	ci (10g)	1g ui (± %)	10g ui (± %)	vi
Measurement system									
Probe calibration	E.2.1	9.30	N	1	1	1	9.30	9.30	∞
Axial isotropy	E.2.2	0.25	N	1	0.707	0.707	0.18	0.18	∞
Hemispherical isotropy	E.2.2	1.30	N	1	0.707	0.707	0.92	0.92	∞
Boundary effect	E.2.3	2.00	R	1.73	1	1	1.15	1.15	∞
Linearity	E.2.4	0.30	R	1.73	1	1	0.17	0.17	∞
System detection limits	E.2.4	0.25	R	1.73	1	1	0.14	0.14	∞
Modulation response	E.2.5	4.80	R	1.73	1	1	2.77	2.77	∞
Readout electronics	E.2.6	0.30	N	1	1	1	0.30	0.30	∞
Response time	E.2.7	1.01	R	1.73	1	1	0.58	0.58	∞
Integration time	E.2.8	2.60	R	1.73	1	1	1.50	1.50	∞
RF ambient conditions - noise	E.6.1	3.00	R	1.73	1	1	1.73	1.73	∞
RF ambient conditions - reflections	E.6.1	3.00	R	1.73	1	1	1.73	1.73	∞
Probe positioner mechanical tolerance	E.6.2	0.04	R	1.73	1	1	0.02	0.02	∞
Probe positioning with respect to phantom shell	E.6.3	0.80	R	1.73	1	1	0.46	0.46	∞
Extrapolation, interpolation, and integration algorithms for max. SAR evaluation	E.5	4.00	R	1.73	1	1	2.31	2.31	∞
Test sample related									
Test sample positioning	E.4.2	3.12	N	1	1	1	3.12	3.12	35
Device holder uncertainty	E.4.1	1.67	N	1	1	1	1.67	1.67	5
Output power variation - SAR drift	E.2.9	5.00	R	1.73	1	1	2.89	2.89	∞
SAR scaling	E.6.5	0.00	R	1.73	1	1	0.00	0.00	∞
Phantom and tissue parameters									
Phantom shell uncertainty - shape, thickness and permittivity	E.3.1	7.60	R	1.73	1	1	4.39	4.39	∞
Uncertainty in SAR correction for deviations in permittivity and conductivity	E.3.2	0.00	N	1	1	1	0.00	0.00	∞
Liquid conductivity measurement	E.3.3	4.27	N	1	0.78	0.71	3.33	3.03	55
Liquid permittivity measurement	E.3.3	4.18	N	1	0.23	0.26	0.96	1.09	55
Liquid conductivity - temperature uncertainty	E.3.4	3.40	R	1.73	0.78	0.71	1.53	1.39	∞
Liquid permittivity - temperature uncertainty	E.3.4	0.60	R	1.73	0.23	0.26	0.08	0.09	∞
Liquid Conductivity - deviation from target values	E.3.2	5.00	R	1.73	0.64	0.43	1.85	1.24	∞
Liquid Permittivity - deviation from target values	E.3.2	5.00	R	1.73	0.60	0.49	1.73	1.41	∞
Combined standard uncertainty							13.1	12.9	150
Expanded uncertainty (95% confidence interval)							26.2	25.8	

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APPENDIX A: SAR TEST RESULTS FOR P_{Limit} CALCULATIONS

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-1
RSI = 0 P_{Limit} Calculations – GPRS Phablet SAR

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 850	GPRS 4 Tx Slots	A	1885M	1:2.076	0.10	848.80	251	24.04	Back	0	0.691	26.4	26.0
Phablet	GPRS 850	GPRS 4 Tx Slots	A	1885M	1:2.076	0.04	848.80	251	24.04	Front	0	0.765	26.0	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	1885M	1:2.076	-0.02	848.80	251	24.04	Bottom	0	0.315	29.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	1885M	1:2.076	0.07	848.80	251	24.04	Right	0	0.192	32.0	
Phablet	GPRS 850	GPRS 4 Tx Slots	A	1885M	1:2.076	0.09	848.80	251	24.04	Left	0	0.582	27.1	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2229M	1:2.076	-0.01	836.60	190	20.16	Back	0	0.565	23.4	21.8
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2229M	1:2.076	-0.01	836.60	190	20.16	Front	0	0.815	21.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	E	2229M	1:2.076	0.09	836.60	190	20.16	Top	0	0.784	22.0	
Phablet	GPRS 850	GPRS 4 Tx Slots	E	1885M	1:2.076	-0.06	836.60	190	20.16	Right	0	0.511	23.8	
Phablet	GPRS 850	GPRS 4 Tx Slots	E	1885M	1:2.076	-0.06	836.60	190	20.16	Right	0	0.511	23.8	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1911M	1:4.15	-0.03	1909.80	810	26.90	Back	0	0.916	22.0	22.0
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1911M	1:4.15	0.06	1909.80	810	26.90	Front	0	0.814	22.5	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1911M	1:4.15	0.01	1909.80	810	26.90	Bottom	0	0.888	22.1	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1911M	1:4.15	-0.01	1909.80	810	26.90	Right	0	0.130	30.5	
Phablet	GPRS 1900	GPRS 1 Tx Slots	A	1911M	1:4.15	0.05	1909.80	810	26.90	Left	0	0.069	33.2	

Table A-2
RSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 850	RMC	A	1911M	1:1	0.01	826.40	4132	21.83	Back	0	0.672	27.5	27.5
Phablet	UMTS 850	RMC	A	1911M	1:1	0.03	826.40	4132	21.83	Front	0	0.566	28.2	
Phablet	UMTS 850	RMC	A	1911M	1:1	-0.06	826.40	4132	21.83	Bottom	0	0.310	30.8	
Phablet	UMTS 850	RMC	A	1911M	1:1	-0.01	826.40	4132	21.83	Right	0	0.141	34.3	
Phablet	UMTS 850	RMC	A	1911M	1:1	-0.04	826.40	4132	21.83	Left	0	0.166	33.6	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 850	RMC	E	1911M	1:1	0.01	836.60	4183	20.95	Back	0	0.396	28.9	28.2
Phablet	UMTS 850	RMC	E	1911M	1:1	0.00	836.60	4183	20.95	Front	0	0.392	28.9	
Phablet	UMTS 850	RMC	E	1911M	1:1	-0.01	836.60	4183	20.95	Top	0	0.469	28.2	
Phablet	UMTS 850	RMC	E	1911M	1:1	0.04	836.60	4183	20.95	Right	0	0.275	30.5	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 1750	RMC	A	1911M	1:1	0.01	1712.40	1312	17.16	Back	0	0.775	22.2	22.2
Phablet	UMTS 1750	RMC	A	1911M	1:1	-0.01	1712.40	1312	17.16	Front	0	0.719	22.5	
Phablet	UMTS 1750	RMC	A	1911M	1:1	0.05	1712.40	1312	17.16	Bottom	0	0.522	23.9	
Phablet	UMTS 1750	RMC	A	1911M	1:1	-0.03	1712.40	1312	17.16	Right	0	0.116	30.4	
Phablet	UMTS 1750	RMC	A	1911M	1:1	0.01	1712.40	1312	17.16	Left	0	0.144	29.5	
Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	UMTS 1900	RMC	A	1911M	1:1	0.00	1907.60	9538	17.62	Back	0	0.889	22.1	22.1
Phablet	UMTS 1900	RMC	A	1911M	1:1	-0.03	1907.60	9538	17.62	Front	0	0.766	22.7	
Phablet	UMTS 1900	RMC	A	1911M	1:1	0.00	1907.60	9538	17.62	Bottom	0	0.642	23.5	
Phablet	UMTS 1900	RMC	A	1911M	1:1	0.00	1907.60	9538	17.62	Right	0	0.156	29.6	
Phablet	UMTS 1900	RMC	A	1911M	1:1	0.02	1907.60	9538	17.62	Left	0	0.027	37.2	

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Table A-3
RSI = 0 P_{Limit} Calculations – LTE Band 71 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 71	20	QPSK	A	3082M	1:1	-0.01	680.50	133297	0.0	21.70	1	0	Back	0	0.743	26.9	26.9
Phablet	LTE Band 71	20	QPSK	A	3082M	1:1	0.02	680.50	133297	0.0	21.70	1	0	Front	0	0.686	27.3	
Phablet	LTE Band 71	20	QPSK	A	3082M	1:1	-0.14	680.50	133297	0.0	21.70	1	0	Bottom	0	0.434	29.3	
Phablet	LTE Band 71	20	QPSK	A	3082M	1:1	0.15	680.50	133297	0.0	21.70	1	0	Right	0	0.123	34.7	
Phablet	LTE Band 71	20	QPSK	A	3082M	1:1	-0.09	680.50	133297	0.0	21.70	1	0	Left	0	0.123	34.7	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 71	20	QPSK	E	3082M	1:1	0.03	680.50	133297	0.0	19.15	1	0	Back	0	0.339	27.8	27.4
Phablet	LTE Band 71	20	QPSK	E	3082M	1:1	-0.01	680.50	133297	0.0	19.15	1	0	Front	0	0.357	27.6	
Phablet	LTE Band 71	20	QPSK	E	3082M	1:1	0.06	680.50	133297	0.0	19.15	1	0	Top	0	0.372	27.4	
Phablet	LTE Band 71	20	QPSK	E	3082M	1:1	-0.04	680.50	133297	0.0	19.15	1	0	Right	0	0.139	31.6	

Table A-4
RSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	A	1911M	1:1	0.01	707.50	23095	0.0	21.55	1	49	Back	0	0.662	27.3	27.3
Phablet	LTE Band 12	10	QPSK	A	1911M	1:1	-0.02	707.50	23095	0.0	21.55	1	49	Front	0	0.654	27.3	
Phablet	LTE Band 12	10	QPSK	A	1911M	1:1	0.04	707.50	23095	0.0	21.55	1	49	Bottom	0	0.382	29.7	
Phablet	LTE Band 12	10	QPSK	A	1911M	1:1	-0.01	707.50	23095	0.0	21.55	1	49	Right	0	0.153	33.6	
Phablet	LTE Band 12	10	QPSK	A	1911M	1:1	0.01	707.50	23095	0.0	21.55	1	49	Left	0	0.248	31.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 12	10	QPSK	E	1885M	1:1	0.02	707.50	23095	0.0	19.08	25	25	Back	0	0.271	28.7	25.8
Phablet	LTE Band 12	10	QPSK	E	1885M	1:1	-0.09	707.50	23095	0.0	19.08	25	25	Front	0	0.523	25.8	
Phablet	LTE Band 12	10	QPSK	E	1885M	1:1	-0.03	707.50	23095	0.0	19.08	25	25	Top	0	0.513	25.9	
Phablet	LTE Band 12	10	QPSK	E	1885M	1:1	0.00	707.50	23095	0.0	19.08	25	25	Right	0	0.193	30.2	

Table A-5
RSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	A	1911M	1:1	-0.04	782.00	23230	0.0	21.86	25	25	Back	0	0.552	28.4	28.4
Phablet	LTE Band 13	10	QPSK	A	1911M	1:1	0.07	782.00	23230	0.0	21.86	25	25	Front	0	0.419	29.6	
Phablet	LTE Band 13	10	QPSK	A	1911M	1:1	-0.07	782.00	23230	0.0	21.86	25	25	Bottom	0	0.239	32.0	
Phablet	LTE Band 13	10	QPSK	A	1911M	1:1	-0.01	782.00	23230	0.0	21.86	25	25	Right	0	0.095	36.0	
Phablet	LTE Band 13	10	QPSK	A	1911M	1:1	0.06	782.00	23230	0.0	21.86	25	25	Left	0	0.188	33.0	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 13	10	QPSK	E	1885M	1:1	0.05	782.00	23230	0.0	18.87	1	49	Back	0	0.271	28.5	27.7
Phablet	LTE Band 13	10	QPSK	E	1885M	1:1	-0.01	782.00	23230	0.0	18.87	1	49	Front	0	0.250	28.8	
Phablet	LTE Band 13	10	QPSK	E	1885M	1:1	0.04	782.00	23230	0.0	18.87	1	49	Top	0	0.320	27.7	
Phablet	LTE Band 13	10	QPSK	E	1885M	1:1	-0.07	782.00	23230	0.0	18.87	1	49	Right	0	0.159	30.8	

Table A-6
RSI = 0 P_{Limit} Calculations – LTE Band 14 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 14	10	QPSK	A	1911M	1:1	0.01	793.00	23330	0.0	22.30	25	0	Back	0	0.593	28.5	28.5
Phablet	LTE Band 14	10	QPSK	A	1911M	1:1	-0.02	793.00	23330	0.0	22.30	25	0	Front	0	0.460	29.6	
Phablet	LTE Band 14	10	QPSK	A	1911M	1:1	0.01	793.00	23330	0.0	22.30	25	0	Bottom	0	0.233	32.6	
Phablet	LTE Band 14	10	QPSK	A	1911M	1:1	0.02	793.00	23330	0.0	22.30	25	0	Right	0	0.143	34.7	
Phablet	LTE Band 14	10	QPSK	A	1911M	1:1	0.07	793.00	23330	0.0	22.30	25	0	Left	0	0.148	34.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 14	10	QPSK	E	1885M	1:1	-0.01	793.00	23330	0.0	19.13	25	12	Back	0	0.376	27.3	26.1
Phablet	LTE Band 14	10	QPSK	E	1885M	1:1	0.00	793.00	23330	0.0	19.13	25	12	Front	0	0.420	26.8	
Phablet	LTE Band 14	10	QPSK	E	1885M	1:1	0.03	793.00	23330	0.0	19.13	25	12	Top	0	0.500	26.1	
Phablet	LTE Band 14	10	QPSK	E	1885M	1:1	0.01	793.00	23330	0.0	19.13	25	12	Right	0	0.169	30.8	

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Table A-7
RSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	A	1911M	1:1	0.00	831.50	26865	0.0	21.59	1	74	Back	0	0.875	26.3	26.3
Phablet	LTE Band 26	15	QPSK	A	1911M	1:1	0.05	831.50	26865	0.0	21.59	1	74	Front	0	0.656	27.4	
Phablet	LTE Band 26	15	QPSK	A	1911M	1:1	-0.01	831.50	26865	0.0	21.59	1	74	Bottom	0	0.385	29.7	
Phablet	LTE Band 26	15	QPSK	A	1911M	1:1	0.14	831.50	26865	0.0	21.59	1	74	Right	0	0.135	34.2	
Phablet	LTE Band 26	15	QPSK	A	1911M	1:1	0.07	831.50	26865	0.0	21.59	1	74	Left	0	0.190	32.7	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 26	15	QPSK	E	1885M	1:1	0.05	831.50	26865	0.0	18.79	1	74	Back	0	0.332	27.5	25.4
Phablet	LTE Band 26	15	QPSK	E	1885M	1:1	-0.03	831.50	26865	0.0	18.79	1	74	Front	0	0.345	27.3	
Phablet	LTE Band 26	15	QPSK	E	1885M	1:1	0.00	831.50	26865	0.0	18.79	1	74	Top	0	0.535	25.4	
Phablet	LTE Band 26	15	QPSK	E	1885M	1:1	-0.04	831.50	26865	0.0	18.79	1	74	Right	0	0.316	27.7	

Table A-8
RSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	A	1911M	1:1	0.00	1770.00	132572	0.0	17.42	1	99	Back	0	0.792	22.4	22.4
Phablet	LTE Band 66	20	QPSK	A	1911M	1:1	0.00	1770.00	132572	0.0	17.42	1	99	Front	0	0.732	22.7	
Phablet	LTE Band 66	20	QPSK	A	1911M	1:1	-0.09	1770.00	132572	0.0	17.42	1	99	Bottom	0	0.546	24.0	
Phablet	LTE Band 66	20	QPSK	A	1911M	1:1	0.02	1770.00	132572	0.0	17.42	1	99	Right	0	0.123	30.5	
Phablet	LTE Band 66	20	QPSK	A	1911M	1:1	0.00	1770.00	132572	0.0	17.42	1	99	Left	0	0.150	29.6	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 66	20	QPSK	F	1911M	1:1	-0.01	1720.00	132072	0.0	17.30	50	0	Back	0	0.618	23.3	21.1
Phablet	LTE Band 66	20	QPSK	F	1911M	1:1	0.00	1720.00	132072	0.0	17.30	50	0	Front	0	0.532	24.0	
Phablet	LTE Band 66	20	QPSK	F	1911M	1:1	-0.06	1720.00	132072	0.0	17.30	50	0	Top	0	1.040	21.1	
Phablet	LTE Band 66	20	QPSK	F	1911M	1:1	0.02	1720.00	132072	0.0	17.30	50	0	Left	0	0.133	30.0	

Table A-9
RSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	A	1911M	1:1	0.00	1905.00	26590	0.0	17.53	1	99	Back	0	0.853	22.1	22.1
Phablet	LTE Band 25	20	QPSK	A	1911M	1:1	-0.01	1905.00	26590	0.0	17.53	1	99	Front	0	0.846	22.2	
Phablet	LTE Band 25	20	QPSK	A	1911M	1:1	0.00	1905.00	26590	0.0	17.53	1	99	Bottom	0	0.624	23.5	
Phablet	LTE Band 25	20	QPSK	A	1911M	1:1	-0.04	1905.00	26590	0.0	17.53	1	99	Right	0	0.136	30.1	
Phablet	LTE Band 25	20	QPSK	A	1911M	1:1	0.06	1905.00	26590	0.0	17.53	1	99	Left	0	0.077	32.6	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 25	20	QPSK	F	1911M	1:1	-0.01	1905.00	26590	0.0	18.04	1	99	Back	0	0.615	24.1	21.8
Phablet	LTE Band 25	20	QPSK	F	1911M	1:1	0.00	1905.00	26590	0.0	18.04	1	99	Front	0	0.457	25.4	
Phablet	LTE Band 25	20	QPSK	F	1911M	1:1	0.00	1905.00	26590	0.0	18.04	1	99	Top	0	1.040	21.8	
Phablet	LTE Band 25	20	QPSK	F	1911M	1:1	0.11	1905.00	26590	0.0	18.04	1	99	Left	0	0.062	34.0	

Table A-10
RSI = 0 P_{Limit} Calculations – LTE Band 30 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 30	10	QPSK	B	0114M	1:1	0.02	2310.00	27710	0.0	18.21	25	0	Back	0	1.390	20.7	20.7
Phablet	LTE Band 30	10	QPSK	B	0114M	1:1	0.02	2310.00	27710	0.0	18.21	25	0	Front	0	0.835	22.9	
Phablet	LTE Band 30	10	QPSK	B	0114M	1:1	-0.03	2310.00	27710	0.0	18.21	25	0	Bottom	0	1.150	21.5	
Phablet	LTE Band 30	10	QPSK	B	0114M	1:1	-0.07	2310.00	27710	0.0	18.21	25	0	Left	0	0.546	24.8	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 30	10	QPSK	F	0114M	1:1	0.00	2310.00	27710	0.0	17.89	1	49	Back	0	0.394	25.9	22.2
Phablet	LTE Band 30	10	QPSK	F	0114M	1:1	-0.04	2310.00	27710	0.0	17.89	1	49	Front	0	0.339	26.5	
Phablet	LTE Band 30	10	QPSK	F	0114M	1:1	-0.01	2310.00	27710	0.0	17.89	1	49	Top	0	0.914	22.2	
Phablet	LTE Band 30	10	QPSK	F	0114M	1:1	0.02	2310.00	27710	0.0	17.89	1	49	Left	0	0.029	37.2	

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Table A-11
RSI = 0 P_{Limit} Calculations – LTE Band 7 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 7	20	QPSK	B	0114M	1:1	0.01	2560.00	21350	0.0	18.16	1	99	Back	0	1.100	21.7	21.7
Phablet	LTE Band 7	20	QPSK	B	0114M	1:1	0.11	2560.00	21350	0.0	18.16	1	99	Front	0	0.685	23.8	
Phablet	LTE Band 7	20	QPSK	B	2229M	1:1	-0.05	2560.00	21350	0.0	18.16	1	99	Bottom	0	1.100	21.7	
Phablet	LTE Band 7	20	QPSK	B	0114M	1:1	-0.03	2560.00	21350	0.0	18.16	1	99	Left	0	0.473	25.3	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 7	20	QPSK	F	2229M	1:1	-0.02	2560.00	21350	0.0	16.19	50	50	Back	0	0.521	23.0	20.6
Phablet	LTE Band 7	20	QPSK	F	2229M	1:1	-0.03	2560.00	21350	0.0	16.19	50	50	Front	0	0.576	22.5	
Phablet	LTE Band 7	20	QPSK	F	2229M	1:1	0.00	2560.00	21350	0.0	16.19	50	50	Top	0	0.888	20.6	
Phablet	LTE Band 7	20	QPSK	F	1885M	1:1	0.07	2560.00	21350	0.0	16.19	50	50	Left	0	0.110	29.7	

Table A-12
RSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	B	1911M	1:1.58	-0.04	2506.00	39750	0.0	18.34	50	0	Back	0	1.120	19.8	19.8
Phablet	LTE Band 41	20	QPSK	B	1911M	1:1.58	0.00	2506.00	39750	0.0	18.34	50	0	Front	0	0.585	22.6	
Phablet	LTE Band 41	20	QPSK	B	1911M	1:1.58	-0.03	2506.00	39750	0.0	18.34	50	0	Bottom	0	1.060	20.0	
Phablet	LTE Band 41	20	QPSK	B	1911M	1:1.58	0.00	2506.00	39750	0.0	18.34	50	0	Left	0	0.427	24.0	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 41	20	QPSK	F	1911M	1:1.58	0.00	2549.50	40185	0.0	16.99	1	99	Back	0	0.578	21.3	20.5
Phablet	LTE Band 41	20	QPSK	F	1911M	1:1.58	0.03	2549.50	40185	0.0	16.99	1	99	Front	0	0.453	22.3	
Phablet	LTE Band 41	20	QPSK	F	1911M	1:1.58	0.01	2549.50	40185	0.0	16.99	1	99	Top	0	0.704	20.5	
Phablet	LTE Band 41	20	QPSK	F	1911M	1:1.58	-0.08	2549.50	40185	0.0	16.99	1	99	Left	0	0.077	30.1	

Table A-13
RSI = 0 P_{Limit} Calculations – LTE Band 48 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	LTE Band 48	20	QPSK	F	2229M	1:1.58	-0.02	3560.00	55340	0.0	17.27	50	50	Back	0	0.461	22.6	20.3
Phablet	LTE Band 48	20	QPSK	F	2229M	1:1.58	-0.08	3560.00	55340	0.0	17.27	50	50	Front	0	0.326	24.1	
Phablet	LTE Band 48	20	QPSK	F	2229M	1:1.58	-0.02	3560.00	55340	0.0	17.27	50	50	Top	0	0.786	20.3	
Phablet	LTE Band 48	20	QPSK	F	2229M	1:1.58	0.07	3560.00	55340	0.0	17.27	50	50	Left	0	0.036	33.7	

Table A-14
RSI = 0 P_{Limit} Calculations – NR Band n71 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n71	20	QPSK	A	3082M	1:1	-0.01	680.50	136100	DFT-s-OFDM	0.0	21.88	1	1	Back	0	0.852	26.5	26.5
Phablet	NR Band n71	20	QPSK	A	3082M	1:1	-0.02	680.50	136100	DFT-s-OFDM	0.0	21.88	1	1	Front	0	0.704	27.3	
Phablet	NR Band n71	20	QPSK	A	3082M	1:1	0.07	680.50	136100	DFT-s-OFDM	0.0	21.88	1	1	Bottom	0	0.464	28.9	
Phablet	NR Band n71	20	QPSK	A	3082M	1:1	0.03	680.50	136100	DFT-s-OFDM	0.0	21.88	1	1	Right	0	0.346	34.2	
Phablet	NR Band n71	20	QPSK	A	3082M	1:1	0.00	680.50	136100	DFT-s-OFDM	0.0	21.88	1	1	Left	0	0.169	33.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n71	20	QPSK	E	3082M	1:1	0.00	680.50	136100	CP-OFDM	0.0	18.88	1	1	Back	0	0.379	27.0	26.6
Phablet	NR Band n71	20	QPSK	E	3082M	1:1	-0.02	680.50	136100	CP-OFDM	0.0	18.88	1	1	Front	0	0.401	26.8	
Phablet	NR Band n71	20	QPSK	E	3082M	1:1	-0.04	680.50	136100	CP-OFDM	0.0	18.88	1	1	Top	0	0.422	26.6	
Phablet	NR Band n71	20	QPSK	E	3082M	1:1	0.03	680.50	136100	CP-OFDM	0.0	18.88	1	1	Right	0	0.153	31.0	

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Table A-15
RSI = 0 P_{Limit} Calculations – NR Band n5 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n5	20	QPSK	A	3082M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	21.69	1	104	Back	0	0.977	25.7	25.7
Phablet	NR Band n5	20	QPSK	A	3082M	1:1	0.02	836.50	167300	DFT-s-OFDM	0.0	21.69	1	104	Front	0	0.769	26.8	
Phablet	NR Band n5	20	QPSK	A	3082M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	21.69	1	104	Bottom	0	0.491	28.7	
Phablet	NR Band n5	20	QPSK	A	3082M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	21.69	1	104	Right	0	0.204	32.5	
Phablet	NR Band n5	20	QPSK	A	3082M	1:1	0.03	836.50	167300	DFT-s-OFDM	0.0	21.69	1	104	Left	0	0.235	31.9	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n5	20	QPSK	E	3082M	1:1	-0.04	836.50	167300	DFT-s-OFDM	0.0	18.49	50	28	Back	0	0.311	27.5	26.7
Phablet	NR Band n5	20	QPSK	E	3082M	1:1	0.02	836.50	167300	DFT-s-OFDM	0.0	18.49	50	28	Front	0	0.317	27.4	
Phablet	NR Band n5	20	QPSK	E	3082M	1:1	-0.04	836.50	167300	DFT-s-OFDM	0.0	18.49	50	28	Top	0	0.372	26.7	
Phablet	NR Band n5	20	QPSK	E	3082M	1:1	-0.16	836.50	167300	DFT-s-OFDM	0.0	18.49	50	28	Right	0	0.137	31.1	

Table A-16
RSI = 0 P_{Limit} Calculations – NR Band n70 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n70	15	QPSK	A	0110M	1:1	0.00	1702.50	340500	DFT-s-OFDM	0.0	14.84	1	1	Back	0	0.761	20.0	20.0
Phablet	NR Band n70	15	QPSK	A	0110M	1:1	0.00	1702.50	340500	DFT-s-OFDM	0.0	14.84	1	1	Front	0	0.672	20.5	
Phablet	NR Band n70	15	QPSK	A	0110M	1:1	0.01	1702.50	340500	DFT-s-OFDM	0.0	14.84	1	1	Bottom	0	0.532	21.5	
Phablet	NR Band n70	15	QPSK	A	0110M	1:1	0.00	1702.50	340500	DFT-s-OFDM	0.0	14.84	1	1	Right	0	0.089	29.3	
Phablet	NR Band n70	15	QPSK	A	0110M	1:1	-0.08	1702.50	340500	DFT-s-OFDM	0.0	14.84	1	1	Left	0	0.109	28.4	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n70	15	QPSK	F	0110M	1:1	-0.11	1702.50	340500	DFT-s-OFDM	0.0	17.00	36	43	Back	0	0.580	23.3	21.8
Phablet	NR Band n70	15	QPSK	F	0110M	1:1	0.02	1702.50	340500	DFT-s-OFDM	0.0	17.00	36	43	Front	0	0.497	24.0	
Phablet	NR Band n70	15	QPSK	F	0110M	1:1	0.04	1702.50	340500	DFT-s-OFDM	0.0	17.00	36	43	Top	0	0.822	21.8	
Phablet	NR Band n70	15	QPSK	F	0110M	1:1	-0.01	1702.50	340500	DFT-s-OFDM	0.0	17.00	36	43	Left	0	0.348	25.5	

Table A-17
RSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n66	40	QPSK	A	0110M	1:1	0.05	1745.00	349000	DFT-s-OFDM	0.0	17.27	108	108	Back	0	0.902	21.6	21.6
Phablet	NR Band n66	40	QPSK	A	0110M	1:1	-0.01	1745.00	349000	DFT-s-OFDM	0.0	17.27	108	108	Front	0	0.877	21.8	
Phablet	NR Band n66	40	QPSK	A	0110M	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	17.27	108	108	Bottom	0	0.680	22.9	
Phablet	NR Band n66	40	QPSK	A	0110M	1:1	0.00	1745.00	349000	DFT-s-OFDM	0.0	17.27	108	108	Right	0	0.071	32.7	
Phablet	NR Band n66	40	QPSK	A	0110M	1:1	0.03	1745.00	349000	DFT-s-OFDM	0.0	17.27	108	108	Left	0	0.181	28.6	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n66	40	QPSK	F	0110M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	16.25	108	108	Back	0	0.614	22.3	21.3
Phablet	NR Band n66	40	QPSK	F	0110M	1:1	-0.20	1745.00	349000	DFT-s-OFDM	0.0	16.25	108	108	Front	0	0.568	22.6	
Phablet	NR Band n66	40	QPSK	F	0110M	1:1	0.03	1745.00	349000	DFT-s-OFDM	0.0	16.25	108	108	Top	0	0.754	21.3	
Phablet	NR Band n66	40	QPSK	F	0110M	1:1	-0.01	1745.00	349000	DFT-s-OFDM	0.0	16.25	108	108	Left	0	0.434	23.8	

Table A-18
RSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n25	40	QPSK	A	0110M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	15.43	1	108	Back	0	0.772	20.5	20.5
Phablet	NR Band n25	40	QPSK	A	0110M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	15.43	1	108	Front	0	0.670	21.1	
Phablet	NR Band n25	40	QPSK	A	0110M	1:1	0.00	1882.50	376500	DFT-s-OFDM	0.0	15.43	1	108	Bottom	0	0.581	21.7	
Phablet	NR Band n25	40	QPSK	A	0110M	1:1	0.02	1882.50	376500	DFT-s-OFDM	0.0	15.43	1	108	Right	0	0.119	28.6	
Phablet	NR Band n25	40	QPSK	A	0110M	1:1	0.04	1882.50	376500	DFT-s-OFDM	0.0	15.43	1	108	Left	0	0.097	29.5	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n25	40	QPSK	F	0110M	1:1	-0.10	1882.50	376500	DFT-s-OFDM	0.0	17.16	108	0	Back	0	0.570	23.5	21.9
Phablet	NR Band n25	40	QPSK	F	0110M	1:1	-0.15	1882.50	376500	DFT-s-OFDM	0.0	17.16	108	0	Front	0	0.486	24.2	
Phablet	NR Band n25	40	QPSK	F	0110M	1:1	-0.01	1882.50	376500	DFT-s-OFDM	0.0	17.16	108	0	Top	0	0.832	21.9	
Phablet	NR Band n25	40	QPSK	F	0110M	1:1	0.09	1882.50	376500	DFT-s-OFDM	0.0	17.16	108	0	Left	0	0.216	27.7	

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Table A-19
RSI = 0 P_{Limit} Calculations – NR Band n30 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n30	10	QPSK	B	3082M	1:1	0.05	2310.00	462000	DFT-s-OFDM	0.0	18.10	1	26	Back	0	1.470	20.4	20.4
Phablet	NR Band n30	10	QPSK	B	3082M	1:1	0.04	2310.00	462000	DFT-s-OFDM	0.0	18.10	1	26	Front	0	0.743	23.3	
Phablet	NR Band n30	10	QPSK	B	3082M	1:1	0.01	2310.00	462000	DFT-s-OFDM	0.0	18.10	1	26	Bottom	0	1.060	21.8	
Phablet	NR Band n30	10	QPSK	B	3082M	1:1	0.04	2310.00	462000	DFT-s-OFDM	0.0	18.10	1	26	Left	0	0.581	24.4	
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n30	10	QPSK	F	3082M	1:1	0.02	2310.00	462000	DFT-s-OFDM	0.0	18.49	1	50	Back	0	0.572	24.8	21.2
Phablet	NR Band n30	10	QPSK	F	3082M	1:1	0.09	2310.00	462000	DFT-s-OFDM	0.0	18.49	1	50	Front	0	0.757	23.6	
Phablet	NR Band n30	10	QPSK	F	3082M	1:1	0.07	2310.00	462000	DFT-s-OFDM	0.0	18.49	1	50	Top	0	1.320	21.2	
Phablet	NR Band n30	10	QPSK	F	3082M	1:1	0.09	2310.00	462000	DFT-s-OFDM	0.0	18.49	1	50	Left	0	0.074	33.7	

Table A-20
RSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n41	100	QPSK	B	1885M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	18.35	1	271	Back	0	1.420	20.8	20.8
Phablet	NR Band n41	100	QPSK	B	1885M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	18.35	1	271	Front	0	0.538	25.0	
Phablet	NR Band n41	100	QPSK	B	1885M	1:1	-0.05	2592.99	518598	DFT-s-OFDM	0.0	18.35	1	271	Bottom	0	1.340	21.0	
Phablet	NR Band n41	100	QPSK	B	1885M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	18.35	1	271	Left	0	0.489	25.4	

Table A-21
RSI = 0 P_{Limit} Calculations – NR Band n48 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n48	40	QPSK	F	2229M	1:1	-0.07	3570.00	638000	DFT-s-OFDM	0.0	14.19	50	28	Back	0	0.601	20.3	18.6
Phablet	NR Band n48	40	QPSK	F	2229M	1:1	-0.09	3570.00	638000	DFT-s-OFDM	0.0	14.19	50	28	Front	0	0.412	22.0	
Phablet	NR Band n48	40	QPSK	F	2229M	1:1	0.02	3570.00	638000	DFT-s-OFDM	0.0	14.19	50	28	Top	0	0.897	18.6	
Phablet	NR Band n48	40	QPSK	F	2229M	1:1	-0.17	3570.00	638000	DFT-s-OFDM	0.0	14.19	50	28	Left	0	0.042	31.9	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n48	40	C	2229M	1:1	-0.04	3624.99	641666	CW/SRS	14.76	Back	0	0.508	21.6	21.3				
Phablet	NR Band n48	40	C	2229M	1:1	0.04	3624.99	641666	CW/SRS	14.76	Front	0	0.462	22.0					
Phablet	NR Band n48	40	C	2229M	1:1	-0.01	3624.99	641666	CW/SRS	14.76	Bottom	0	0.070	30.2					
Phablet	NR Band n48	40	C	2229M	1:1	0.01	3624.99	641666	CW/SRS	14.76	Left	0	0.551	21.3					
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n48	40	I	2229M	1:1	0.00	3570.00	638000	CW/SRS	15.45	Back	0	0.944	19.6	19.6				
Phablet	NR Band n48	40	I	2229M	1:1	-0.05	3570.00	638000	CW/SRS	15.45	Front	0	0.857	20.0					
Phablet	NR Band n48	40	I	2229M	1:1	-0.16	3570.00	638000	CW/SRS	15.45	Left	0	0.187	26.7					
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]				
Phablet	NR Band n48	40	D	2229M	1:1	-0.05	3679.98	645332	CW/SRS	11.61	Back	0	0.963	15.7	15.7				
Phablet	NR Band n48	40	D	2229M	1:1	0.04	3679.98	645332	CW/SRS	11.61	Front	0	0.023	31.9					
Phablet	NR Band n48	40	D	2229M	1:1	-0.11	3679.98	645332	CW/SRS	11.61	Bottom	0	0.051	28.5					
Phablet	NR Band n48	40	D	2229M	1:1	0.05	3679.98	645332	CW/SRS	11.61	Right	0	0.007	37.1					

Table A-22
RSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77	100	QPSK	F	2229M	1:1	-0.11	3750.00	650000	DFT-s-OFDM	0.0	13.44	135	0	Back	0	0.210	24.1	21.0
Phablet	NR Band n77	100	QPSK	F	2229M	1:1	-0.01	3750.00	650000	DFT-s-OFDM	0.0	13.44	135	0	Front	0	0.210	24.1	
Phablet	NR Band n77 DxD	100	QPSK	F	2229M	1:1	0.00	3500.01	633334	DFT-s-OFDM	0.0	12.55	1	1	Top	0	0.790	21.0	
Phablet	NR Band n77	100	QPSK	F	2229M	1:1	-0.07	3750.00	650000	DFT-s-OFDM	0.0	13.44	135	0	Top	0	0.275	23.0	
Phablet	NR Band n77	100	QPSK	F	2229M	1:1	-0.10	3750.00	650000	DFT-s-OFDM	0.0	13.44	135	0	Left	0	0.035	31.9	

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Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77	100	C	1885M	1:1	-0.05	3930.00	662000	CW/SRS	11.97	Back	0	0.168	23.6	21.4
Phablet	NR Band n77	100	C	1885M	1:1	-0.08	3930.00	662000	CW/SRS	11.97	Front	0	0.155	24.0	
Phablet	NR Band n77	100	C	1885M	1:1	0.00	3930.00	662000	CW/SRS	11.97	Bottom	0	0.035	30.5	
Phablet	NR Band n77 DoD	100	C	1885M	1:1	-0.06	3500.01	633334	CW/SRS	11.67	Left	0	0.192	22.8	
Phablet	NR Band n77	100	C	1885M	1:1	-0.05	3930.00	662000	CW/SRS	11.97	Left	0	0.280	21.4	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77	100	I	1885M	1:1	-0.05	3930.00	662000	CW/SRS	12.50	Back	0	0.380	20.6	20.3
Phablet	NR Band n77 DoD	100	I	1885M	1:1	0.03	3500.01	633334	CW/SRS	11.55	Front	0	0.196	22.6	
Phablet	NR Band n77	100	I	1885M	1:1	-0.17	3930.00	662000	CW/SRS	12.50	Front	0	0.406	20.3	
Phablet	NR Band n77	100	I	1885M	1:1	-0.10	3930.00	662000	CW/SRS	12.50	Left	0	0.093	26.7	
Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Plimit [dBm]	Overall Plimit [dBm]
Phablet	NR Band n77 DoD	100	D	2229M	1:1	0.09	3500.01	633334	CW/SRS	11.46	Back	0	1.250	14.4	14.4
Phablet	NR Band n77	100	D	2229M	1:1	-0.07	3750.00	650000	CW/SRS	11.90	Back	0	0.798	16.8	
Phablet	NR Band n77	100	D	2229M	1:1	-0.17	3750.00	650000	CW/SRS	11.90	Front	0	0.016	33.8	
Phablet	NR Band n77	100	D	2229M	1:1	-0.02	3750.00	650000	CW/SRS	11.90	Bottom	0	0.046	29.2	
Phablet	NR Band n77	100	D	2229M	1:1	0.06	3750.00	650000	CW/SRS	11.90	Right	0	0.007	37.4	

Table A-25
RSI = 0 P_{Limit} Calculations – 2.4 GHz WLAN Phablet SAR

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Duty Cycle Scaling Factor	Plimit [dBm]	Overall Plimit [dBm]	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	2256M	98.77	0.12	2462.00	11	1.0	16.60	Back	0	0.374	N/A	24.7	22.2	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	2262M	98.77	-0.14	2462.00	11	1.0	16.60	Front	0	0.338	N/A	25.2		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	2262M	98.77	-0.04	2462.00	11	1.0	16.60	Top	0	0.287	N/A	25.9		
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	H	2256M	98.77	0.06	2462.00	11	1.0	16.60	Left	0	0.675	N/A	22.2		
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 10g SAR [W/kg]	Duty Cycle Scaling Factor	Plimit [dBm]	Overall Plimit [dBm]
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	2256M	98.69	0.09	2462.00	11	1.0	16.25	14.62	Back	0	0.573	N/A	20.9	20.9
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	2256M	98.69	0.07	2462.00	11	1.0	16.25	14.62	Front	0	0.333	N/A	23.3	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	2256M	98.69	-0.03	2462.00	11	1.0	16.25	14.62	Top	0	0.358	N/A	23.0	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	2256M	98.69	0.08	2462.00	11	1.0	16.25	14.62	Right	0	0.047	N/A	31.8	
Phablet	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	2256M	98.69	0.05	2462.00	11	1.0	16.25	14.62	Left	0	0.429	N/A	22.2	

Note: To achieve the 20 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 17 dBm.

Note: To achieve the 20 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 17 dBm.

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COMPLIANCE SUMMARY REPORT

Applicant Name:

Samsung Electronics Co., Ltd.
129, Samsung-ro, Maetan dong,
Yeongtong-gu, Suwon-si
Gyeonggi-do, 16677, Korea

Test Site/Location:

Element, Columbia, MD, USA

Document Serial No.:

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FCC ID:

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APPLICANT:

SAMSUNG ELECTRONICS CO., LTD

Report Type:

Compliance Summary

DUT Type:

Portable Handset

Model(s):

SM-A576U1



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1 STRATEGY FOR COMPLIANCE DEMONSTRATION

1.1 RF Exposure Evaluation Strategy

The FCC RF exposure limits are defined based on time-averaged exposure. Accordingly, for devices employing dynamic transmit power control, compliance must be demonstrated under both static transmission conditions and time-varying operational scenarios representative of normal device use.

The Device Under Test (DUT) implements the Samsung S.LSI Time-Averaged SAR (TAS) framework, which dynamically manages transmit power to ensure that time-averaged RF exposure remains within the applicable regulatory limits for all supported operating modes.

The TAS framework operates based on predefined design targets and derived power limits and is intended to maintain compliance under standalone and simultaneous transmission conditions.

Radios not controlled by the TAS framework (e.g., NFC, WPT) are evaluated independently using conventional RF exposure compliance methods.

Demonstration of RF exposure compliance for the DUT operating with the S.LSI TAS framework is completed in three parts:

0. RF Exposure Compliance Test Report Part 0: SAR Characterization

SAR Baseline RF exposure characterization is performed to establish the relationship between transmit power and RF exposure metrics for each supported radio technology, frequency band, antenna configuration, and usage scenario.

For frequencies below 6 GHz, SAR characterization data are used to define the SAR design target and derive the corresponding Plimit.

For frequencies at and above 6 GHz, power density (PD) characterization data are used to define the PD design target.

1. RF Exposure Compliance Test Report Part 1: Test in Static Transmission Condition

Part 1 demonstrates compliance with FCC RF exposure limits under static transmission conditions, where the DUT operates at the derived Plimit or PD-equivalent limits.

Standalone and simultaneous transmission scenarios are evaluated to confirm that reported exposure levels remain below the applicable limits.

2. RF Exposure Compliance Test Report Part 2: Test in Dynamic Transmission Condition

Part 2 Part 2 validates correct operation of the S.LSI TAS framework under dynamic transmission conditions, including time-varying transmit power, radio coexistence, and antenna group interaction.

This evaluation confirms that the DUT remains compliant with FCC RF exposure requirements during realistic operating scenarios.

For devices supporting combined cellular and connectivity operation, the same time-averaged exposure control principle defined in the S-TAS framework is extended to multi-radio scenarios, consistent with S.LSI combined TAS methodologies.

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1.2 Nomenclature

Term	Description
P_{max}	Maximum Tx power that can be transmitted physically from RFIC for a given RAT
$SAR_{regulatory\ limit}$	SAR value limit specified by FCC
$PD_{regulatory\ limit}$	PD value limit specified by FCC
$SAR_{design\ target}$	Target SAR level using in TAS algorithm. This SAR value should be less than above regulatory limit and should be determined after accounting for all uncertainties and other design considerations.
$PD_{design\ target}$	Target PD level using in TAS algorithm. This PD value should be less than $Spec$ and should be determined accounting for all uncertainties and other design considerations.
P_{limit}	Power level corresponds to the SAR or PD design target.

1.3 Bibliography

Report Type	Report Serial Number
RF Exposure Part 0 Test Report	1M2510280090-02.A3L
RF Exposure Part 1 Test Report	1M2510280090-01.A3L
RF Exposure Part 2 Test Report	1M2510280090-03.A3L

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2 TIME AVERAGING ALGORITHM

2.1 Algorithm Description

The S.LSI TAS framework is designed to ensure compliance with FCC RF exposure limits, which are defined in terms of time-averaged exposure.

The algorithm dynamically controls instantaneous transmit power such that the exposure averaged over the applicable regulatory time window does not exceed the corresponding design target.

For a given device configuration, RF exposure is proportional to transmit power.

Once RF exposure is characterized at a known power level, exposure at other power levels for the same configuration can be determined through linear scaling.

Based on this principle, compliance is achieved through continuous transmit power management.

The TAS framework applies consistently across all supported frequency ranges, with the applicable exposure metric determined by the operating frequency band.

2.2 Time-Averaged SAR Control (Frequencies below 6 GHz)

For frequencies below 6 GHz, RF exposure compliance is evaluated using Specific Absorption Rate (SAR). The TAS framework ensures that the time-averaged SAR over the defined SAR averaging window (TSAR) satisfies the following condition:

$$\frac{1}{T_{SAR}} \int_{t-T_{SAR}}^t SAR(\tau) d\tau \leq SAR_{design_target}$$

Equation 2-1

Where:

$SAR(\tau)$ is the instantaneous SAR corresponding to the instantaneous transmit power at time τ ,

T_{SAR} is the SAR averaging window defined by FCC requirements,

SAR_{design_target} is the predefined SAR design target derived from baseline characterization and uncertainty considerations.

Instantaneous transmit power may temporarily exceed the power corresponding to the SAR design target; however, the TAS framework ensures that the integrated SAR over any averaging window remains within the SAR design target.

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2.3 Simultaneous Transmission and Total Exposure Ratio

In simultaneous transmission scenarios involving multiple radios or antenna groups, the TAS framework evaluates RF exposure using the Total Exposure Ratio (TER) concept.

The TER represents the sum of normalized time-averaged exposure contributions from all active transmitters and is required to remain less than or equal to unity at all times.

The TAS framework dynamically allocates exposure budget among active transmitters to ensure continued compliance under simultaneous operation.

2.4 Definitions of uncertainty and design target

Term	Description
<i>SAR_regulatory_limit</i>	1.6W/Kg at 1g SAR for head 1.6 W/Kg at 1g SAR for body (Hotspot) 4.0W/Kg at 10g SAR for extremity
<i>total_uncertainty_SAR</i>	1.0 dB (considering Tx power variation, part to part deviation, etc.)
<i>SAR_design_target</i>	<i>SAR_design_target</i> should be less than 1.27 W/Kg Considering safety margin, 1.0 W/Kg is used as the value of <i>SAR_design_target</i>

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3 DUT DESCRIPTION

3.1 Device Overview

Band & Mode	Operating Modes	Tx Frequency
GSM/GPRS/EDGE 850	Voice/Data	824.20 - 848.80 MHz
GSM/GPRS/EDGE 1900	Voice/Data	1850.20 - 1909.80 MHz
UMTS 850	Voice/Data	826.40 - 846.60 MHz
UMTS 1750	Voice/Data	1712.4 - 1752.6 MHz
UMTS 1900	Voice/Data	1852.4 - 1907.6 MHz
LTE Band 71	Voice/Data	665.5 - 695.5 MHz
LTE Band 12	Voice/Data	699.7 - 715.3 MHz
LTE Band 13	Voice/Data	779.5 - 784.5 MHz
LTE Band 14	Voice/Data	790.5 - 795.5 MHz
LTE Band 26	Voice/Data	814.7 - 848.3 MHz
LTE Band 5	Voice/Data	824.7 - 848.3 MHz
LTE Band 66	Voice/Data	1710.7 - 1779.3 MHz
LTE Band 4	Voice/Data	1710.7 - 1754.3 MHz
LTE Band 25	Voice/Data	1850.7 - 1914.3 MHz
LTE Band 2	Voice/Data	1850.7 - 1909.3 MHz
LTE Band 30	Voice/Data	2307.5 - 2312.5 MHz
LTE Band 7	Voice/Data	2502.5 - 2567.5 MHz
LTE Band 41	Voice/Data	2498.5 - 2687.5 MHz
LTE Band 38	Voice/Data	2572.5 - 2617.5 MHz
LTE Band 48	Voice/Data	3552.5 - 3697.5 MHz
NR Band n71	Voice/Data	665.5 - 695.5 MHz
NR Band n5	Voice/Data	826.5 - 846.5 MHz
NR Band n70	Voice/Data	1697.5 - 1707.5 MHz
NR Band n66	Voice/Data	1712.5 - 1777.5 MHz
NR Band n25	Voice/Data	1852.5 - 1912.5 MHz
NR Band n2	Voice/Data	1852.5 - 1907.5 MHz
NR Band n30	Voice/Data	2307.5 - 2312.5 MHz
NR Band n41	Voice/Data	2501.01 - 2685 MHz
NR Band n48	Voice/Data	3555 - 3694.98 MHz
NR Band n78	Voice/Data	3455.01 - 3544.98 MHz; 3705 - 3795 MHz
NR Band n77	Voice/Data	3455.01 - 3544.98 MHz; 3705 - 3975 MHz
2.4 GHz WIFI	Voice/Data	2412 - 2462 MHz
5 GHz WIFI	Voice/Data	U-NII-1: 5180 - 5240 MHz U-NII-2A: 5260 - 5320 MHz U-NII-2C: 5500 - 5720 MHz U-NII-3: 5745 - 5825 MHz U-NII-4: 5845 - 5885 MHz
6 GHz WIFI	Voice/Data	U-NII-5: 5935 - 6415 MHz U-NII-6: 6435 - 6515 MHz U-NII-7: 6535 - 6875 MHz U-NII-8: 6895 - 7115 MHz
2.4 GHz Bluetooth	Data	2402 - 2480 MHz
NFC	Data	13.56 MHz

The DUT implements the Samsung S.LSI TAS framework to control and manage transmit power in real time and to ensure compliance with FCC time-averaged RF exposure requirements for all supported cellular and connectivity radio operations.

The supported radio technologies, operating modes, and frequency ranges are identical to those documented in the original RF exposure evaluation reports and are therefore not repeated in this summary.

The DUT also supports NFC technology; however, this radio is not controlled by the TAS framework and are evaluated separately.

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4 COMPLIANCE SUMMARY

4.1 RF Exposure Compliance Summary

All transmission scenarios supported by the DUT comply with FCC RF exposure requirements when operating under the Samsung S.LSI TAS framework.

Compliance is demonstrated through:

Baseline RF exposure characterization and derivation of SAR and PD design targets,

Static transmission evaluation under Part 1 test conditions,

Dynamic TAS validation under Part 2 test conditions.

For simultaneous transmission scenarios, the Total Exposure Ratio (TER) remains less than or equal to unity. Accordingly, the DUT is considered compliant with FCC RF exposure requirements under all supported operating conditions.

Table 4-1
Reported RF Exposure Levels

	RFx Evaluation	Power Level	FCC Limit	<u>Reported</u> RF Exposure Level	Test Report
SAR (W/kg)	Standalone 1g SAR	P_{limit}	1.6	1.20	FCC SAR Evaluation Report (Part 1)
	Standalone 10g SAR	P_{limit}	4.0	1.68	
	Simultaneous Tx 1g SAR	P_{limit}	1.6	1.59	
	Simultaneous Tx 10g SAR	P_{limit}	4.0	1.68	

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