

APPENDIX G: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

All conducted power measurements for Sub6 WWAN technologies and bands in this section were performed by setting *Reserve_power_margin* (Qualcomm® Smart Transmit EFS entry) to 0 dB, so that the EUT transmits continuously at minimum (P_{limit}, maximum tune up output power P_{max}).

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.

G.1 LTE Lower Bandwidth RF Conducted Powers

G.1.1 LTE Band 66 Antenna A Main

Table G-1

LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 15 MHz Bandwidth

LTE Band 66 (AWS) 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	20.84	21.04	20.73	0	0
	1	36	20.82	20.94	20.77		0
	1	74	20.80	20.91	20.66		0
	36	0	20.88	20.90	20.85	0-1	0
	36	18	20.93	20.86	20.82		0
	36	37	20.91	20.84	20.79		0
	75	0	20.93	20.86	20.80		0
16QAM	1	0	21.05	21.03	20.95	0-1	0
	1	36	21.14	21.02	20.92		0
	1	74	21.12	21.05	20.88		0
	36	0	20.90	20.85	20.82	0-2	0
	36	18	20.94	20.85	20.81		0
	36	37	20.95	20.78	20.77		0
	75	0	20.96	20.82	20.76		0
64QAM	1	0	21.04	21.12	20.89	0-2	0
	1	36	21.17	21.06	20.97		0
	1	74	21.07	21.12	20.91		0
	36	0	19.88	19.84	19.80	0-3	0.5
	36	18	19.94	19.79	19.79		0.5
	36	37	19.97	19.80	19.79		0.5
	75	0	19.97	19.82	19.79		0.5
256QAM	1	0	18.07	17.92	17.89	0-5	2.5
	1	36	18.13	18.13	17.98		2.5
	1	74	18.09	18.05	17.70		2.5
	36	0	17.87	17.83	17.83		2.5
	36	18	17.94	17.79	17.82		2.5
	36	37	17.92	17.81	17.79		2.5
	75	0	17.90	17.82	17.81		2.5

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Table G-2

LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 5 MHz Bandwidth

LTE Band 66 (AWS) 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	21.03	20.86	20.87	0	0
	1	12	21.19	21.01	21.01		0
	1	24	21.04	20.88	20.90		0
	12	0	21.07	20.93	20.90	0-1	0
	12	6	21.09	20.98	20.90		0
	12	13	21.03	21.04	20.88		0
16QAM	25	0	21.05	20.94	20.90	0-1	0
	1	0	21.22	21.17	21.12		0
	1	12	21.26	21.44	21.24		0
	1	24	21.35	21.23	21.22	0-2	0
	12	0	21.08	20.96	20.93		0
	12	6	21.10	20.99	20.98		0
64QAM	12	13	21.04	20.99	20.92	0-2	0
	25	0	21.06	20.96	20.89		0
	1	0	21.25	21.04	20.94		0-2
	1	12	21.24	21.25	21.20	0	
	1	24	21.32	21.20	20.94	0	
	256QAM	12	0	20.07	20.00	19.92	0-3
12		6	20.12	20.05	19.95	0.5	
12		13	20.06	19.99	19.88	0.5	
25		0	20.08	19.92	19.88	0-5	0.5
1		0	18.04	18.04	17.84		2.5
1		12	18.17	18.18	18.17		2.5
16QAM	1	24	18.24	18.09	18.10	0-5	2.5
	12	0	18.08	17.98	17.90		2.5
	12	6	18.10	17.96	17.97		2.5
	12	13	18.04	18.01	17.87	0-5	2.5
	25	0	18.11	17.95	17.91		2.5

Table G-3

LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 3 MHz Bandwidth

LTE Band 66 (AWS) 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	21.06	20.93	20.77	0	0
	1	7	21.22	21.04	20.88		0
	1	14	21.05	20.92	20.75		0
	8	0	21.08	20.96	20.90	0-1	0
	8	4	21.13	21.07	20.95		0
	8	7	21.07	21.00	20.86		0
16QAM	15	0	21.11	20.95	20.89	0-1	0
	1	0	21.37	21.13	21.08		0
	1	7	21.54	21.34	21.02		0
	1	14	21.31	21.12	20.95	0-2	0
	8	0	21.17	20.99	20.93		0
	8	4	21.18	21.09	20.95		0
64QAM	8	7	21.13	21.07	20.93	0-2	0
	15	0	21.10	20.92	20.93		0
	1	0	21.23	21.21	21.21		0-2
	1	7	21.32	21.31	21.13	0	
	1	14	21.24	21.21	20.97	0	
	256QAM	8	0	20.12	19.98	19.85	0-3
8		4	20.11	20.08	19.88	0.5	
8		7	20.06	20.07	19.85	0.5	
15		0	20.09	19.96	19.89	0-5	0.5
1		0	18.12	18.03	17.89		2.5
1		7	18.24	18.22	18.08		2.5
16QAM	1	14	18.19	18.15	17.93	0-5	2.5
	8	0	18.08	17.98	17.89		2.5
	8	4	18.19	18.03	17.96		2.5
	8	7	18.11	18.01	17.87	0-5	2.5
	15	0	18.08	17.91	17.87		2.5

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Table G-4

LTE Band 66 (AWS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 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	21.11	21.01	20.88	0	0
	1	2	21.18	21.06	20.89		0
	1	5	21.14	21.05	20.88		0
	3	0	21.07	21.01	20.89		0
	3	2	21.06	20.99	20.88		0
	3	3	21.06	20.97	20.91		0
16QAM	6	0	21.03	20.97	20.84	0-1	0
	1	0	21.34	21.21	20.92		0
	1	2	21.46	21.23	20.98		0
	1	5	21.40	21.10	20.96		0
	3	0	21.14	21.11	21.00		0
	3	2	21.19	21.16	21.10		0
64QAM	3	3	21.21	21.13	21.04	0-2	0
	6	0	21.08	21.05	20.87		0
	1	0	21.22	21.19	21.11		0
	1	2	21.12	21.33	21.10		0
	1	5	21.21	21.23	21.06		0
	3	0	21.14	21.12	20.88		0
256QAM	3	2	21.15	21.15	20.94	0-3	0
	3	3	21.19	21.12	20.92		0
	6	0	20.01	19.98	19.82		0.5
	1	0	18.19	18.03	17.95		2.5
	1	2	18.24	18.12	17.90		2.5
	1	5	18.11	18.07	17.95		2.5
256QAM	3	0	17.94	18.10	17.85	0-5	2.5
	3	2	18.22	17.95	17.78		2.5
	3	3	18.01	17.98	17.78		2.5
	6	0	18.10	17.94	17.89		2.5

G.1.2 LTE Band 25 Antenna A

Table G-5

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) - 15 MHz Bandwidth

LTE Band 25 (PCS) 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	20.98	21.34	21.51	0	0
	1	36	20.97	21.37	21.51		0
	1	74	21.10	21.39	21.44		0
	36	0	21.04	21.25	21.45		0
	36	18	21.14	21.23	21.50		0
	36	37	21.17	21.34	21.51		0
	75	0	21.14	21.34	21.48		0
16QAM	1	0	21.35	21.48	21.75	0-1	0
	1	36	21.36	21.49	21.75		0
	1	74	21.48	21.65	21.66		0
	36	0	21.07	21.31	21.43		0
	36	18	21.15	21.30	21.51		0
	36	37	21.16	21.36	21.50		0
	75	0	21.17	21.37	21.49		0
64QAM	1	0	21.21	21.52	21.56	0-2	0
	1	36	21.24	21.42	21.58		0
	1	74	21.38	21.59	21.51		0
	36	0	20.65	20.77	20.91		1
	36	18	20.72	20.88	20.94		1
	36	37	20.77	20.88	20.93		1
	75	0	20.74	20.85	20.95		1
256QAM	1	0	18.66	18.96	19.05	0-5	3
	1	36	18.74	19.05	19.06		3
	1	74	18.78	19.09	19.08		3
	36	0	18.63	18.87	19.03		3
	36	18	18.74	18.88	19.12		3
	36	37	18.77	18.95	19.08		3
	75	0	18.70	18.96	19.08		3

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Table G-6

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) - 10 MHz Bandwidth

LTE Band 25 (PCS) 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	21.51	21.38	21.66	0	0	
	1	25	21.54	21.49	21.77		0	
	1	49	21.53	21.44	21.73		0	
	QPSK	25	0	21.51	21.40	21.55	0-1	0
		25	12	21.55	21.53	21.70		0
		25	25	21.52	21.51	21.67		0
		50	0	21.54	21.50	21.64		0
50		0	21.67	21.62	21.91	0		
16QAM	1	0	21.80	21.65	21.92	0-1	0	
	1	25	21.70	21.71	21.94		0	
	1	49	21.70	21.71	21.94		0	
	16QAM	25	0	21.52	21.38	21.55	0-2	0
		25	12	21.56	21.47	21.68		0
		25	25	21.52	21.48	21.67		0
		50	0	21.53	21.49	21.66		0
50		0	21.72	21.60	21.75	0		
64QAM	1	0	21.70	21.69	21.92	0-2	0	
	1	25	21.70	21.69	21.92		0	
	1	49	21.68	21.68	21.88		0	
	64QAM	25	0	20.52	20.39	20.57	0-3	1
		25	12	20.55	20.50	20.68		1
		25	25	20.53	20.50	20.66		1
		50	0	20.51	20.49	20.62		1
50		0	21.72	21.60	21.75	1		
256QAM	1	0	18.60	18.44	18.61	0-5	3	
	1	25	18.60	18.67	18.75		3	
	1	49	18.58	18.61	18.70		3	
	25	0	18.51	18.42	18.56		3	
	25	12	18.56	18.51	18.70		3	
	25	25	18.52	18.49	18.67		3	
	50	0	18.53	18.50	18.66		3	

Table G-7

LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) - 5 MHz Bandwidth

LTE Band 25 (PCS) 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	21.51	21.61	21.57	0	0	
	1	12	21.54	21.81	21.64		0	
	1	24	21.54	21.62	21.62		0	
	QPSK	12	0	21.51	21.41	21.56	0-1	0
		12	6	21.56	21.53	21.67		0
		12	13	21.52	21.49	21.65		0
		25	0	21.51	21.46	21.67		0
25		0	21.73	21.69	21.91	0		
16QAM	1	0	21.81	21.82	22.04	0-1	0	
	1	12	21.76	21.80	22.00		0	
	1	24	21.76	21.80	22.00		0	
	16QAM	12	0	21.55	21.44	21.58	0-2	0
		12	6	21.59	21.54	21.73		0
		12	13	21.57	21.51	21.67		0
		25	0	21.58	21.48	21.65		0
25		0	21.59	21.72	21.75	0		
64QAM	1	0	21.71	21.82	21.90	0-2	0	
	1	12	21.71	21.82	21.90		0	
	1	24	21.67	21.68	21.87		0	
	64QAM	12	0	20.52	20.43	20.56	0-3	1
		12	6	20.63	20.55	20.70		1
		12	13	20.55	20.52	20.67		1
		25	0	20.53	20.48	20.64		1
25		0	21.59	21.72	21.75	1		
256QAM	1	0	18.54	18.56	18.65	0-5	3	
	1	12	18.61	18.68	18.71		3	
	1	24	18.58	18.62	18.65		3	
	12	0	18.53	18.40	18.58		3	
	12	6	18.57	18.53	18.67		3	
	12	13	18.55	18.49	18.64		3	
	25	0	18.54	18.46	18.66		3	

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Table G-8
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) - 3 MHz Bandwidth

LTE Band 25 (PCS) 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	21.58	21.36	21.61	0	0
	1	7	21.53	21.45	21.73		0
	1	14	21.53	21.39	21.62		0
	8	0	21.50	21.40	21.59	0-1	0
	8	4	21.52	21.50	21.68		0
	8	7	21.50	21.45	21.66		0
16QAM	15	0	21.52	21.49	21.61	0-1	0
	1	0	21.71	21.65	21.82		0
	1	7	21.77	21.78	21.98		0
	1	14	21.67	21.59	21.93	0-2	0
	8	0	21.57	21.41	21.61		0
	8	4	21.60	21.53	21.72		0
64QAM	8	7	21.57	21.52	21.67	0-2	0
	15	0	21.53	21.50	21.68		0
	1	0	21.67	21.70	21.81		0-2
	1	7	21.81	21.75	21.91	0	
	1	14	21.73	21.66	21.87	0	
	256QAM	8	0	20.51	20.39	20.58	0-3
8		4	20.59	20.52	20.72	1	
8		7	20.54	20.47	20.66	1	
15		0	20.57	20.48	20.64	0-5	1
1		0	18.49	18.36	18.62		3
1		7	18.62	18.60	18.78		3
256QAM	1	14	18.50	18.50	18.71	0-5	3
	8	0	18.54	18.41	18.57		3
	8	4	18.56	18.54	18.71		3
	8	7	18.54	18.50	18.69	3	
	15	0	18.51	18.45	18.63	3	

Table G-9
LTE Band 25 (PCS) Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 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	21.46	21.49	21.72	0	0
	1	2	21.49	21.52	21.74		0
	1	5	21.43	21.50	21.71		0
	3	0	21.52	21.45	21.66	0-1	0
	3	2	21.50	21.46	21.71		0
	3	3	21.49	21.48	21.70		0
16QAM	6	0	21.47	21.42	21.65	0-1	0
	1	0	21.79	21.60	21.86		0
	1	2	21.79	21.72	21.89		0
	1	5	21.73	21.61	21.86	0-1	0
	3	0	21.67	21.60	21.78		0
	3	2	21.67	21.57	21.85		0
64QAM	3	3	21.67	21.55	21.82	0-2	0
	6	0	21.54	21.52	21.71		0
	1	0	21.76	21.65	21.84		0-2
	1	2	21.72	21.68	21.83	0	
	1	5	21.81	21.63	21.81	0	
	256QAM	3	0	21.57	21.54	21.80	0-3
3		2	21.53	21.60	21.80	0	
3		3	21.56	21.51	21.82	0	
6		0	20.59	20.45	20.68	0-5	1
1		0	18.59	18.48	18.73		3
1		2	18.64	18.49	18.87		3
256QAM	1	5	18.57	18.51	18.74	0-5	3
	3	0	18.56	18.50	18.67		3
	3	2	18.47	18.49	18.69		3
	3	3	18.50	18.50	18.67	3	
	6	0	18.50	18.43	18.60	3	

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G.1.3 LTE Band 30 Antenna A

Table G-10
LTE Band 30 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 (2310.0 MHz) Conducted Power [dBm]			
QPSK	1	0	21.31	0	0	
	1	12	21.42		0	
	1	24	21.26		0	
	12	0	21.30	0-1	0	
	12	6	21.38		0	
	12	13	21.31		0	
16QAM	25	0	21.30	0	0	
	1	0	21.49		0-1	0
	1	12	21.62			0
	1	24	21.51	0-2		0
	12	0	20.54		0.9	
	12	6	20.59		0.9	
64QAM	12	13	20.60	0	0.9	
	25	0	20.59		0-2	0.9
	1	0	20.61			0.9
	1	12	20.70	0-3		0.9
	1	24	20.68		0.9	
	12	0	19.43		1.9	
256QAM	12	6	19.57	0	1.9	
	12	13	19.56		0-5	1.9
	25	0	19.56			1.9
	1	0	17.52	0-5		3.9
	1	12	17.65		3.9	
	1	24	17.61		3.9	
256QAM	12	0	17.49	0-5	3.9	
	12	6	17.54		3.9	
	12	13	17.56		3.9	
	25	0	17.54	3.9		

G.1.4 LTE Band 7 Antenna B

Table G-11
LTE Band 7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn 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 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	21.34	21.36	21.31	0	0	
	1	36	21.43	21.37	21.34		0	
	1	74	21.38	21.32	21.29		0	
	36	0	21.34	21.32	21.32	0-1	0	
	36	18	21.44	21.32	21.34		0	
	36	37	21.43	21.39	21.42		0	
16QAM	75	0	21.44	21.39	21.34	0	0	
	1	0	21.50	21.52	21.51		0-1	0
	1	36	21.60	21.54	21.52			0
	1	74	21.59	21.45	21.45	0-2		0
	36	0	20.86	20.84	20.83		0.5	
	36	18	20.98	20.83	20.86		0.5	
64QAM	36	37	20.94	20.91	20.95	0-2	0.5	
	75	0	20.96	20.90	20.84		0.5	
	1	0	20.95	21.01	20.93		0-3	0.5
	1	36	21.04	21.03	20.91	0-2		0.5
	1	74	21.02	20.96	20.98			0.5
	36	0	19.87	19.83	19.82		0-3	1.5
36	18	19.97	19.85	19.82	1.5			
36	37	19.96	19.90	19.91	1.5			
256QAM	75	0	19.95	19.90	19.83	0-5	1.5	
	1	0	17.89	17.85	17.84		0-5	3.5
	1	36	17.99	18.00	17.92			3.5
	1	74	18.11	18.08	17.97	0-5		3.5
	36	0	17.86	17.83	17.81		3.5	
	36	18	17.93	17.82	17.83		3.5	
256QAM	36	37	17.95	17.91	17.93	0-5	3.5	
	75	0	17.94	17.88	17.83		3.5	

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Table G-12
LTE Band 7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn 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 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
Conducted Power [dBm]							
QPSK	1	0	21.57	21.50	21.46	0	0
	1	25	21.58	21.49	21.55		0
	1	49	21.51	21.49	21.55		0
	25	0	21.49	21.44	21.49	0-1	0
	25	12	21.59	21.47	21.59		0
	25	25	21.58	21.53	21.59		0
	50	0	21.55	21.56	21.59		0
16QAM	1	0	21.83	21.73	21.66	0-1	0
	1	25	21.93	21.75	21.71		0
	1	49	21.94	21.71	21.71		0
	25	0	21.01	20.98	21.03	0-2	0.5
	25	12	21.09	20.99	21.13		0.5
	25	25	21.10	21.07	21.12		0.5
	50	0	21.10	21.05	21.09		0.5
64QAM	1	0	21.20	21.20	21.01	0-2	0.5
	1	25	21.18	21.28	21.20		0.5
	1	49	21.17	21.16	21.15		0.5
	25	0	20.03	19.98	19.99	0-3	1.5
	25	12	20.12	20.01	20.09		1.5
	25	25	20.09	20.06	20.09		1.5
	50	0	20.08	20.04	20.09		1.5
256QAM	1	0	18.08	17.92	18.06	0-5	3.5
	1	25	18.25	18.12	18.30		3.5
	1	49	18.24	18.08	18.17		3.5
	25	0	18.03	17.94	17.98		3.5
	25	12	18.10	17.98	18.12		3.5
	25	25	18.11	18.02	18.11		3.5
	50	0	18.10	18.05	18.11		3.5

Table G-13
LTE Band 7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn 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 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
Conducted Power [dBm]							
QPSK	1	0	21.49	21.47	21.55	0	0
	1	12	21.62	21.53	21.58		0
	1	24	21.54	21.48	21.52		0
	12	0	21.56	21.43	21.49	0-1	0
	12	6	21.59	21.46	21.54		0
	12	13	21.55	21.53	21.60		0
	25	0	21.54	21.52	21.51		0
16QAM	1	0	21.72	21.74	21.88	0-1	0
	1	12	21.87	21.84	21.93		0
	1	24	21.76	21.76	21.95		0
	12	0	21.06	20.98	21.05	0-2	0.5
	12	6	21.10	20.99	21.11		0.5
	12	13	21.08	21.06	21.12		0.5
	25	0	21.05	21.01	21.02		0.5
64QAM	1	0	21.20	21.29	21.23	0-2	0.5
	1	12	21.28	21.27	21.27		0.5
	1	24	21.13	21.22	21.23		0.5
	12	0	20.09	19.96	19.98	0-3	1.5
	12	6	20.11	19.99	20.01		1.5
	12	13	20.07	20.03	20.07		1.5
	25	0	20.05	20.01	19.99		1.5
256QAM	1	0	18.05	18.08	18.06	0-5	3.5
	1	12	18.23	18.21	18.26		3.5
	1	24	18.22	18.10	18.19		3.5
	12	0	18.05	17.92	17.96		3.5
	12	6	18.06	17.95	17.99		3.5
	12	13	18.06	18.00	18.05		3.5
	25	0	18.02	18.01	17.98		3.5

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G.1.5 LTE Band 41 Antenna B

Table G-14
LTE Band 41 PC3 Antenna B Measured P_{Limit} for
DSI = 0 (Body-worn or Phablet) or DSI = 3 (Hotspot Mode) – 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 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	22.81	23.02	22.98	22.68	23.12	0	0	
	1	36	22.85	23.00	22.96	22.71	23.11		0	
	1	74	22.84	23.08	22.91	22.81	23.12		0	
	16QAM	36	0	22.75	22.81	22.78	22.57	22.91	0-1	0
		36	18	22.84	22.89	22.78	22.66	22.89		0
		36	37	22.79	22.90	22.77	22.69	22.98		0
		64QAM	75	0	22.82	22.90	22.77	22.66	22.90	0-1
1			0	22.62	22.71	22.77	22.41	22.76	0	
1			36	22.65	22.65	22.67	22.58	22.79	0	
256QAM	1		74	22.68	22.78	22.81	22.69	22.83	0-1	0
	36		0	21.73	21.84	21.77	21.58	21.89		1
	36		18	21.86	21.90	21.79	21.62	21.87		1
	64QAM		36	37	21.77	21.89	21.76	21.69	21.97	0-2
		75	0	21.85	21.92	21.75	21.69	21.91	1	
		1	0	21.82	21.77	21.68	21.53	21.74	1	
256QAM		1	36	21.74	21.84	21.71	21.75	21.89	0-2	1
		1	74	21.69	21.87	21.67	21.67	21.87		1
		36	0	20.75	20.83	20.81	20.57	20.88		2
		64QAM	36	18	20.83	20.87	20.78	20.64	20.89	0-3
	36		37	20.76	20.86	20.79	20.67	20.96	2	
	75		0	20.80	20.93	20.77	20.70	20.90	2	
256QAM	1		0	18.71	18.70	18.87	18.44	18.75	0-5	4
	1		36	18.61	18.79	18.68	18.60	18.80		4
	1	74	18.79	18.77	18.74	18.63	18.90	4		
	64QAM	36	0	18.72	18.81	18.85	18.64	18.87	0-5	4
		36	18	18.81	18.90	18.79	18.63	18.92		4
		36	37	18.83	18.83	18.83	18.68	18.96		4
256QAM	75	0	18.80	18.88	18.80	18.68	18.90	0-5	4	

Table G-15
LTE Band 41 PC3 Antenna B Measured P_{Limit}
for DSI = 0 (Body-worn or Phablet) or DSI = 3 (Hotspot Mode) – 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 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
Conducted Power [dBm]										
QPSK	1	0	23.11	23.16	23.14	22.98	23.20	0	0	
	1	25	23.13	23.19	23.19	23.03	23.26		0	
	1	49	23.12	23.12	23.09	23.01	23.18		0	
	16QAM	25	0	22.84	22.96	22.95	22.69	23.01	0-1	0
		25	12	22.93	23.05	22.95	22.81	23.01		0
		25	25	22.88	23.00	22.94	22.77	23.08		0
		64QAM	50	0	22.89	23.02	22.92	22.76	22.98	0-1
1			0	22.80	22.93	22.67	22.71	23.04	0	
1			25	22.81	22.95	22.72	22.79	23.01	0	
256QAM	1		49	22.72	22.99	22.74	22.71	23.01	0-1	0
	25		0	21.82	21.93	21.93	21.73	21.97		1
	25		12	21.93	22.04	21.95	21.77	21.99		1
	64QAM		25	25	21.91	21.97	21.89	21.74	22.08	0-2
		50	0	21.89	21.98	21.81	21.78	21.97	1	
		1	0	21.95	21.95	21.84	21.71	21.99	1	
256QAM		1	25	21.95	21.99	21.89	21.72	22.12	0-2	1
		1	49	21.80	21.98	21.78	21.77	22.17		1
	25	0	20.86	20.92	20.93	20.70	21.01	2		
	64QAM	25	12	20.99	21.03	20.96	20.78	21.00	0-3	2
		25	25	20.88	21.04	20.93	20.79	21.07		2
		50	0	20.88	21.03	20.93	20.76	21.00		2
256QAM		1	0	18.77	18.96	18.83	18.66	18.94	0-5	4
		1	25	18.96	19.07	18.84	18.76	19.07		4
	1	49	18.83	18.87	18.92	18.71	18.97	4		
	64QAM	25	0	18.86	18.94	18.93	18.67	19.01	0-5	4
		25	12	18.96	19.07	19.02	18.82	19.05		4
		25	25	18.95	18.98	18.95	18.77	19.08		4
256QAM	50	0	18.95	19.03	18.95	18.82	19.00	0-5	4	

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Table G-16
LTE Band 41 PC3 Antenna B Measured P_{Limit}
for DSI = 0 (Body-worn or Phablet) or DSI = 3 (Hotspot Mode) – 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 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	23.10	23.08	23.03	22.91	23.15	0	0
	1	12	23.12	23.16	23.06	22.98	23.26		0
	1	24	23.11	23.10	22.99	22.93	23.19		0
	12	0	22.91	22.93	22.90	22.67	22.99	0-1	0
	12	6	22.95	23.05	22.96	22.79	23.02		0
	12	13	22.92	22.97	22.88	22.79	23.05		0
16QAM	25	0	22.93	23.01	22.90	22.76	22.97	0-1	0
	1	0	22.83	22.80	22.85	22.73	22.96		0
	1	12	22.93	22.95	22.82	22.81	23.02		0
	1	24	22.93	22.92	22.74	22.70	22.93	0-2	0
	12	0	21.92	21.92	21.88	21.65	21.98		1
	12	6	21.94	22.02	21.96	21.81	22.01		1
64QAM	12	13	21.89	21.98	21.91	21.74	22.03	0-2	1
	25	0	21.89	21.95	21.91	21.75	21.96		1
	1	0	21.97	21.86	21.97	21.63	21.83		0-2
	1	12	21.93	21.93	21.94	21.71	21.91	1	
	1	24	21.76	21.85	21.84	21.72	21.97	1	
	256QAM	12	0	20.96	20.93	20.90	20.67	20.91	0-3
12		6	20.92	20.99	21.00	20.77	21.00	2	
12		13	21.02	20.92	20.91	20.75	21.07	2	
25		0	20.92	21.04	20.88	20.73	20.98	0-5	2
1		0	18.80	18.86	19.01	18.66	18.88		4
1		12	18.88	19.08	18.92	18.71	19.08		4
256QAM	1	24	18.97	18.99	18.90	18.63	19.00	0-5	4
	12	0	18.95	18.96	18.91	18.65	19.00		4
	12	6	18.98	19.08	18.98	18.81	19.03		4
	12	13	18.97	19.10	18.99	18.72	19.08	4	
	25	0	18.95	18.99	18.95	18.80	18.97	4	

G.2 NR Lower Bandwidth RF Conducted Powers

G.2.1 NR Band n66 Antenna A

Table G-17
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 $\pi/2$ BPSK	1	1	21.57	0	0.0
	1	80	21.45		0.0
	1	158	21.29		0.0
	80	0	21.52	0-0.5	0.0
	80	40	21.41	0	0.0
	80	80	21.46	0	0.0
DFT-s-OFDM QPSK	160	0	21.44	0-0.5	0.0
	1	1	21.43	0	0.0
	1	80	21.36		0.0
	1	158	21.14		0.0
	80	0	21.52	0-1	0.0
	80	40	21.41	0	0.0
DFT-s-OFDM 16QAM	80	80	21.46	0-1	0.0
	160	0	21.47		0.0
CP-OFDM QPSK	1	1	21.83	0-1	0.0
CP-OFDM QPSK	1	1	21.57	0-1.5	0.0

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Table G-18
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 $\pi/2$ BPSK	1	1	21.95	0		0.0	
	1	67	21.52			0.0	
	1	131	21.78			0.0	
	64	0	21.73	0-0.5	0.0		
	64	35	21.65	0	0.0		
	64	69	21.75	0-0.5	0.0		
DFT-s-OFDM QPSK	128	0	21.68		0.0		
	1	1	21.83	0	0.0		
	1	67	21.40		0.0		
	1	131	21.68		0.0		
	64	0	21.73	0-1	0.0		
	64	35	21.64	0	0.0		
64	69	21.61	0-1	0.0			
DFT-s-OFDM 16QAM	128	0	21.74		0.0		
DFT-s-OFDM 16QAM	1	1	21.94	0-1	0.0		
CP-OFDM QPSK	1	1	21.85	0-1.5	0.0		

Table G-19
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.29	21.45	21.07	0	0.0
	1	53	21.31	21.29	20.97		0.0
	1	104	21.39	21.24	21.00		0.0
	50	0	21.45	21.48	21.12	0-0.5	0.0
	50	28	21.45	21.40	21.10	0	0.0
	50	56	21.44	21.32	21.07	0-0.5	0.0
DFT-s-OFDM QPSK	100	0	21.47	21.39	21.08		0.0
	1	1	21.22	21.37	20.98	0	0.0
	1	53	21.21	21.21	20.87		0.0
	1	104	21.32	21.16	20.86		0.0
	50	0	21.46	21.48	21.11	0-1	0.0
	50	28	21.47	21.38	21.13	0	0.0
50	56	21.45	21.37	21.04	0-1	0.0	
DFT-s-OFDM 16QAM	100	0	21.43	21.42	21.10		0.0
DFT-s-OFDM 16QAM	1	1	21.61	21.72	21.35	0-1	0.0
CP-OFDM QPSK	1	1	21.31	21.46	21.04	0-1.5	0.0

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Table G-20
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.33	21.41	21.02	0	0.0
	1	40	21.41	21.30	20.91		0.0
	1	77	21.44	21.31	20.95		0.0
	36	0	21.38	21.44	21.09	0-0.5	0.0
	36	22	21.45	21.36	21.04	0	0.0
	36	43	21.49	21.37	21.00	0-0.5	0.0
	75	0	21.49	21.42	21.07		0.0
DFT-s-OFDM QPSK	1	1	21.27	21.31	20.89	0	0.0
	1	40	21.31	21.15	20.81		0.0
	1	77	21.34	21.19	20.83		0.0
	36	0	21.37	21.47	21.07	0-1	0.0
	36	22	21.45	21.37	21.01	0	0.0
	36	43	21.48	21.35	21.05	0-1	0.0
	75	0	21.51	21.43	21.07		0.0
DFT-s-OFDM 16QAM	1	1	21.62	21.66	21.33	0-1	0.0
CP-OFDM QPSK	1	1	21.34	21.42	20.94	0-1.5	0.0

Table G-21
NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.29	21.30	20.94	0	0.0
	1	26	21.33	21.27	20.95		0.0
	1	50	21.29	21.22	20.92		0.0
	25	0	21.36	21.32	21.03	0-0.5	0.0
	25	14	21.38	21.33	21.00	0	0.0
	25	27	21.35	21.31	20.91	0-0.5	0.0
	50	0	21.36	21.30	20.99		0.0
DFT-s-OFDM QPSK	1	1	21.20	21.20	20.88	0	0.0
	1	26	21.23	21.17	20.87		0.0
	1	50	21.20	21.05	20.77		0.0
	25	0	21.37	21.34	21.00	0-1	0.0
	25	14	21.35	21.27	21.00	0	0.0
	25	27	21.37	21.25	20.97	0-1	0.0
	50	0	21.35	21.30	21.00		0.0
DFT-s-OFDM 16QAM	1	1	21.59	21.53	21.27	0-1	0.0
CP-OFDM QPSK	1	1	21.26	21.25	20.90	0-1.5	0.0

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Table G-22

NR Band n66 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.23	21.24	20.86	0	0.0
	1	13	21.23	21.28	20.88		0.0
	1	23	21.23	21.22	20.90		0.0
	12	0	21.29	21.30	20.91	0-0.5	0.0
	12	7	21.28	21.33	20.91	0	0.0
	12	13	21.25	21.29	20.89	0-0.5	0.0
	25	0	21.25	21.33	20.89	0	0.0
DFT-s-OFDM QPSK	1	1	21.13	21.16	20.80	0	0.0
	1	13	21.14	21.16	20.76		0.0
	1	23	21.13	21.15	20.77		0.0
	12	0	21.26	21.29	20.95	0-1	0.0
	12	7	21.30	21.30	20.93	0	0.0
	12	13	21.25	21.28	20.93	0-1	0.0
	25	0	21.31	21.32	20.94	0	0.0
DFT-s-OFDM 16QAM	1	1	21.51	21.56	21.15	0-1	0.0
CP-OFDM QPSK	1	1	21.19	21.21	20.83	0-1.5	0.0

G.2.2 NR Band n25 Antenna A Main

Table G-23

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 $\pi/2$ BPSK	1	1	21.37	0	0.0
	1	80	21.29		0.0
	1	158	21.22		0.0
	80	0	21.33	0-0.5	0.0
	80	40	21.34	0	0.0
	80	80	21.27	0	0.0
	160	0	21.36	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	21.20	0	0.0
	1	80	21.15		0.0
	1	158	21.00		0.0
	80	0	21.30	0-1	0.0
	80	40	21.33	0	0.0
	80	80	21.22	0	0.0
	160	0	21.34	0-1	0.0
DFT-s-OFDM 16QAM	1	1	21.60	0-1	0.0
CP-OFDM QPSK	1	1	21.34	0-1.5	0.0

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Table G-24

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 $\pi/2$ BPSK	1	1		21.30	0	0.0
	1	67		21.10		0.0
	1	131		21.04		0.0
	64	0		21.29	0-0.5	0.0
	64	35		21.22	0	0.0
	64	69		21.13	0-0.5	0.0
	128	0		21.24		0.0
DFT-s-OFDM QPSK	1	1		21.19	0	0.0
	1	67		20.98		0.0
	1	131		20.90		0.0
	64	0		21.30	0-1	0.0
	64	35		21.25	0	0.0
	64	69		21.15	0-1	0.0
	128	0		21.27		0.0
DFT-s-OFDM 16QAM	1	1		21.57	0-1	0.0
CP-OFDM QPSK	1	1		21.31	0-1.5	0.0

Table G-25

NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.42	21.28	21.17	0	0.0
	1	53	21.29	21.13	21.16		0.0
	1	104	21.27	21.06	21.18		0.0
	50	0	21.49	21.26	21.22	0-0.5	0.0
	50	28	21.50	21.32	21.24	0	0.0
	50	56	21.46	21.12	21.30	0-0.5	0.0
	100	0	21.52	21.22	21.29		0.0
DFT-s-OFDM QPSK	1	1	21.33	21.11	21.07	0	0.0
	1	53	21.17	20.96	21.05		0.0
	1	104	21.14	20.91	21.07		0.0
	50	0	21.49	21.26	21.23	0-1	0.0
	50	28	21.55	21.22	21.26	0	0.0
	50	56	21.49	21.13	21.31	0-1	0.0
	100	0	21.56	21.21	21.29		0.0
DFT-s-OFDM 16QAM	1	1	21.69	21.38	21.42	0-1	0.0
CP-OFDM QPSK	1	1	21.41	21.18	21.14	0-1.5	0.0

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Table G-26
NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.61	21.32	21.19	0	0.0
	1	40	21.40	21.14	21.10		0.0
	1	77	21.45	21.06	21.13		0.0
	36	0	21.54	21.25	21.27	0-0.5	0.0
	36	22	21.50	21.21	21.22	0	0.0
	36	43	21.55	21.16	21.32	0-0.5	0.0
	75	0	21.62	21.23	21.23		0.0
DFT-s-OFDM QPSK	1	1	21.45	21.14	21.06	0	0.0
	1	40	21.27	20.97	20.96		0.0
	1	77	21.30	20.88	21.00		0.0
	36	0	21.56	21.26	21.23	0-1	0.0
	36	22	21.49	21.21	21.20	0	0.0
	36	43	21.57	21.17	21.29	0-1	0.0
	75	0	21.62	21.21	21.23		0.0
DFT-s-OFDM 16QAM	1	1	21.77	21.45	21.45	0-1	0.0
CP-OFDM QPSK	1	1	21.54	21.20	21.17	0-1.5	0.0

Table G-27
NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.48	21.09	20.97	0	0.0
	1	26	21.46	21.08	21.00		0.0
	1	50	21.33	20.97	21.03		0.0
	25	0	21.52	21.18	21.18	0-0.5	0.0
	25	14	21.49	21.09	21.17	0	0.0
	25	27	21.44	21.08	21.17	0-0.5	0.0
	50	0	21.51	21.14	21.18		0.0
DFT-s-OFDM QPSK	1	1	21.36	21.00	20.93	0	0.0
	1	26	21.32	20.92	20.96		0.0
	1	50	21.19	20.82	20.96		0.0
	25	0	21.54	21.12	21.21	0-1	0.0
	25	14	21.50	21.10	21.22	0	0.0
	25	27	21.47	21.08	21.19	0-1	0.0
	50	0	21.52	21.12	21.17		0.0
DFT-s-OFDM 16QAM	1	1	21.72	21.28	21.27	0-1	0.0
CP-OFDM QPSK	1	1	21.40	21.03	21.01	0-1.5	0.0

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Table G-28
NR Band n25 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.42	21.14	21.05	0	0.0
	1	13	21.35	21.08	21.05		0.0
	1	23	21.33	21.11	21.03		0.0
	12	0	21.43	21.11	21.17	0-0.5	0.0
	12	7	21.39	21.10	21.12	0	0.0
	12	13	21.42	21.10	21.12	0-0.5	0.0
	25	0	21.42	21.13	21.16		0.0
DFT-s-OFDM QPSK	1	1	21.32	21.03	20.97	0	0.0
	1	13	21.27	20.97	20.98		0.0
	1	23	21.25	20.95	20.94		0.0
	12	0	21.46	21.14	21.17	0-1	0.0
	12	7	21.40	21.09	21.15	0	0.0
	12	13	21.42	21.09	21.11	0-1	0.0
	25	0	21.43	21.13	21.12		0.0
DFT-s-OFDM 16QAM	1	1	21.70	21.42	21.38	0-1	0.0
CP-OFDM QPSK	1	1	21.35	21.07	20.99	0-1.5	0.0

G.2.3 NR Band n30 Antenna A

Table G-29
NR Band n30 Antenna A Measured P_{Limit} for DSI = 0 (Body-worn 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 $\pi/2$ BPSK	1	1	20.94	0	0.0
	1	13	20.97		0.0
	1	23	20.95		0.0
	12	0	21.08	0-0.5	0.0
	12	7	21.06	0	0.0
	12	13	21.04	0-0.5	0.0
	25	0	21.10		0.0
DFT-s-OFDM QPSK	1	1	20.93	0	0.0
	1	13	20.99		0.0
	1	23	20.96		0.0
	12	0	21.05	0-1	0.0
	12	7	21.11	0	0.0
	12	13	21.03	0-1	0.0
	25	0	21.10		0.0
DFT-s-OFDM 16QAM	1	1	21.15	0-1	0.0
CP-OFDM QPSK	1	1	20.95	0-1.5	0.0

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G.2.4 NR Band n7 Antenna B

Table G-30
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.15	0	0.0
	1	80	21.16		0.0
	1	158	21.07		0.0
	80	0	21.16	0-0.5	0.0
	80	40	21.20	0	0.0
	80	80	21.13	0-0.5	0.0
	160	0	21.21		0.0
DFT-s-OFDM QPSK	1	1	21.05	0	0.0
	1	80	21.01		0.0
	1	158	20.99		0.0
	80	0	21.15	0-1	0.0
	80	40	21.21	0	0.0
	80	80	21.11	0-1	0.0
	160	0	21.22		0.0
DFT-s-OFDM 16QAM	1	1	21.41	0-1	0.0
CP-OFDM QPSK	1	1	21.20	0-1.5	0.0

Table G-31
NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.13	0	0.0
	1	67	21.03		0.0
	1	131	21.02		0.0
	64	0	21.21	0-0.5	0.0
	64	35	21.16	0	0.0
	64	69	21.08	0-0.5	0.0
	128	0	21.18		0.0
DFT-s-OFDM QPSK	1	1	20.98	0	0.0
	1	67	20.96		0.0
	1	131	20.93		0.0
	64	0	21.19	0-1	0.0
	64	35	21.17	0	0.0
	64	69	21.09	0-1	0.0
	128	0	21.18		0.0
DFT-s-OFDM 16QAM	1	1	21.37	0-1	0.0
CP-OFDM QPSK	1	1	21.11	0-1.5	0.0

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Table G-32

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.15	21.15	21.08	0	0.0
	1	53	21.21	21.13	21.24		0.0
	1	104	21.24	21.01	21.25		0.0
	50	0	21.36	21.29	21.27	0-0.5	0.0
	50	28	21.36	21.21	21.36	0	0.0
	50	56	21.35	21.19	21.33	0-0.5	0.0
	100	0	21.35	21.25	21.25		0.0
DFT-s-OFDM QPSK	1	1	21.06	21.02	20.96	0	0.0
	1	53	21.08	20.99	21.09		0.0
	1	104	21.11	20.91	21.09		0.0
	50	0	21.40	21.29	21.24	0-1	0.0
	50	28	21.35	21.20	21.35	0	0.0
	50	56	21.33	21.15	21.34	0-1	0.0
	100	0	21.38	21.24	21.27		0.0
DFT-s-OFDM 16QAM	1	1	21.45	21.37	21.57	0-1	0.0
CP-OFDM QPSK	1	1	21.14	21.18	21.09	0-1.5	0.0

Table G-33

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.21	21.20	21.14	0	0.0
	1	40	21.28	21.15	21.27		0.0
	1	77	21.19	21.11	21.29		0.0
	36	0	21.36	21.29	21.31	0-0.5	0.0
	36	22	21.40	21.29	21.37	0	0.0
	36	43	21.36	21.21	21.38	0-0.5	0.0
	75	0	21.43	21.30	21.43		0.0
DFT-s-OFDM QPSK	1	1	21.09	21.05	21.03	0	0.0
	1	40	21.13	21.04	21.14		0.0
	1	77	21.09	21.02	21.20		0.0
	36	0	21.37	21.30	21.29	0-1	0.0
	36	22	21.39	21.29	21.41	0	0.0
	36	43	21.41	21.22	21.36	0-1	0.0
	75	0	21.40	21.31	21.42		0.0
DFT-s-OFDM 16QAM	1	1	21.46	21.47	21.52	0-1	0.0
CP-OFDM QPSK	1	1	21.21	21.19	21.14	0-1.5	0.0

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Table G-34

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.05	21.05	21.04	0	0.0
	1	26	21.09	21.09	21.08		0.0
	1	50	21.02	21.03	21.08		0.0
	25	0	21.10	21.09	21.15	0-0.5	0.0
	25	14	21.12	21.11	21.12	0	0.0
	25	27	21.09	21.07	21.12	0-0.5	0.0
DFT-s-OFDM QPSK	1	1	20.96	20.91	20.90	0	0.0
	1	26	20.95	20.93	20.92		0.0
	1	50	20.87	20.91	20.89		0.0
	25	0	21.09	21.09	21.16	0-1	0.0
	25	14	21.11	21.10	21.16	0	0.0
	25	27	21.10	21.08	21.10	0-1	0.0
DFT-s-OFDM 16QAM	1	1	21.34	21.30	21.36	0-1	0.0
CP-OFDM QPSK	1	1	21.01	20.99	20.99	0-1.5	0.0

Table G-35

NR Band n7 Antenna B Measured P_{Limit} for DSI = 0 (Body-worn or Phablet) – 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	21.19	21.04	21.11	0	0.0
	1	13	21.24	21.08	21.17		0.0
	1	23	21.22	21.09	21.11		0.0
	12	0	21.13	21.05	21.15	0-0.5	0.0
	12	7	21.23	21.14	21.21	0	0.0
	12	13	21.27	21.16	21.22	0-0.5	0.0
DFT-s-OFDM QPSK	25	0	21.19	21.11	21.17	0-0.5	0.0
	1	1	21.07	20.91	20.96	0	0.0
	1	13	21.13	20.97	21.01		0.0
	1	23	21.07	20.92	20.95		0.0
	12	0	21.16	21.10	21.13	0-1	0.0
	12	7	21.24	21.14	21.20	0	0.0
12	13	21.27	21.17	21.25	0-1	0.0	
25	0	21.22	21.13	21.19	0-1	0.0	
DFT-s-OFDM 16QAM	1	1	21.49	21.33	21.37	0-1	0.0
CP-OFDM QPSK	1	1	21.12	21.02	21.07	0-1.5	0.0

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