

APPENDIX F: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

All conducted power measurements for 4G/5G 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}).

F.1 NR Lower Bandwidth RF Conducted Powers

F.1.1 NR Band 41

Table F-1
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.25	19.25	0	0.0
	1	123	19.72	19.41		0.0
	1	243	19.33	19.33		0.0
	120	0	19.75	19.27	0-0.5	0.5
	120	63	19.75	19.28	0	0.0
	120	125	19.62	19.24	0-0.5	0.5
	243	0	19.80	19.26		0.5
DFT-s-OFDM QPSK	1	1	18.93	19.21	0	0.0
	1	123	19.83	19.39		0.0
	1	243	19.18	19.33		0.0
	120	0	19.75	18.85	0-1	1.0
	120	63	19.71	19.28	0	0.0
	120	125	19.44	19.04	0-1	1.0
	243	0	19.77	18.93		1.0
DFT-s-OFDM 16QAM	1	1	17.94	18.39	0-1	1.0
CP-OFDM QPSK	1	1	17.72	17.78	0-1.5	1.5

FCC ID: C3K1995	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	 Microsoft	Reviewed by: Quality Manager
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Table F-2
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.41	19.22	0	0.0
	1	109	19.97	19.31		0.0
	1	215	19.54	19.24		0.0
	108	0	19.86	19.24	0-0.5	0.5
	108	55	19.79	19.27	0	0.0
	108	109	19.73	19.23	0-0.5	0.5
	216	0	19.85	19.32		0.5
DFT-s-OFDM QPSK	1	1	19.31	18.91	0	0.0
	1	109	19.96	19.33		0.0
	1	215	19.55	19.27		0.0
	108	0	19.88	18.83	0-1	1.0
	108	55	19.77	19.26	0	0.0
	108	109	19.74	19.01	0-1	1.0
	216	0	19.83	19.06		1.0
DFT-s-OFDM 16QAM	1	1	18.44	18.10	0-1	1.0
CP-OFDM QPSK	1	1	17.85	17.50	0-1.5	1.5

Table F-3
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.64	19.84	19.47	0	0.0
	1	81	20.07	19.66	19.45		0.0
	1	160	19.80	19.71	19.58		0.0
	81	0	20.09	19.82	19.52	0-0.5	0.5
	81	41	20.19	19.78	19.56	0	0.0
	81	81	20.10	19.76	19.58	0-0.5	0.5
	162	0	20.15	19.79	19.62		0.5
DFT-s-OFDM QPSK	1	1	19.41	19.69	18.79	0	0.0
	1	81	20.24	19.66	19.52		0.0
	1	160	19.68	19.01	19.41		0.0
	81	0	19.97	18.91	18.36	0-1	1.0
	81	41	20.21	19.53	18.82	0	0.0
	81	81	19.94	18.73	18.55	0-1	1.0
	162	0	20.00	18.85	18.46		1.0
DFT-s-OFDM 16QAM	1	1	18.30	18.71	17.94	0-1	1.0
CP-OFDM QPSK	1	1	18.00	18.44	17.49	0-1.5	1.5

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Table F-4
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.72	19.94	19.61	0	0.0
	1	67	20.18	19.78	19.50		0.0
	1	131	19.81	19.62	19.63		0.0
	64	0	20.19	19.85	19.44	0-0.5	0.5
	64	35	20.17	19.70	19.57	0	0.0
	64	69	20.12	19.66	19.60	0-0.5	0.5
	128	0	20.27	19.73	19.58		0.5
DFT-s-OFDM QPSK	1	1	19.37	20.00	19.26	0	0.0
	1	67	20.21	19.72	19.60		0.0
	1	131	19.68	19.01	19.65		0.0
	64	0	19.90	19.44	18.61	0-1	1.0
	64	35	20.20	19.75	19.54	0	0.0
	64	69	19.94	18.73	19.15	0-1	1.0
	128	0	20.00	19.12	18.90		1.0
DFT-s-OFDM 16QAM	1	1	18.44	19.36	18.77	0-1	1.0
CP-OFDM QPSK	1	1	18.20	19.01	18.21	0-1.5	1.5

Table F-5
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.75	20.20	19.83	19.75	0	0.0
	1	53	20.16	19.96	19.70	19.68		0.0
	1	104	19.83	19.95	19.85	19.82		0.0
	50	0	20.25	20.07	19.73	19.74	0-0.5	0.5
	50	28	20.21	19.90	19.57	19.72	0	0.0
	50	56	20.10	19.97	19.81	19.70	0-0.5	0.5
	100	0	20.28	20.00	19.64	19.76		0.5
DFT-s-OFDM QPSK	1	1	19.14	20.28	18.95	18.90	0	0.0
	1	53	20.33	19.96	19.74	19.73		0.0
	1	104	19.65	19.65	18.91	19.56		0.0
	50	0	19.93	20.00	18.75	18.55	0-1	1.0
	50	28	20.16	19.95	19.68	19.77	0	0.0
	50	56	19.94	19.36	18.76	19.10	0-1	1.0
	100	0	20.00	19.78	18.56	18.92		1.0
DFT-s-OFDM 16QAM	1	1	18.44	19.95	17.99	18.16	0-1	1.0
CP-OFDM QPSK	1	1	18.22	19.45	17.85	17.93	0-1.5	1.5

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Table F-6
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.74	20.34	20.05	19.83	19.75	0	0.0
	1	39	20.17	20.11	19.88	19.70	19.78		0.0
	1	76	19.81	20.13	19.84	19.82	19.82		0.0
	36	0	20.25	20.18	19.84	19.73	19.67	0-0.5	0.5
	36	21	20.23	20.17	19.79	19.70	19.78	0	0.0
	36	42	20.11	20.13	19.82	19.62	19.72	0-0.5	0.5
	75	0	20.28	20.12	19.80	19.65	19.76		0.5
DFT-s-OFDM QPSK	1	1	19.43	20.31	19.55	19.15	19.17	0	0.0
	1	39	20.32	20.24	19.82	19.68	19.83		0.0
	1	76	19.68	20.06	19.36	19.10	19.65		0.0
	36	0	19.58	20.00	18.98	18.62	18.78	0-1	1.0
	36	21	20.21	20.18	19.73	19.57	19.78	0	0.0
	36	42	19.94	19.80	18.85	18.51	19.20	0-1	1.0
	75	0	19.99	19.95	18.87	18.55	19.03		1.0
DFT-s-OFDM 16QAM	1	1	18.44	20.00	18.62	18.18	18.26	0-1	1.0
CP-OFDM QPSK	1	1	18.22	19.50	18.22	18.14	18.05	0-1.5	1.5

Table F-7
NR Band n41 MIMO4 Antenna Measured P_{max} for DSI =2 (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 $\pi/2$ BPSK	1	1	19.73	20.21	19.84	19.57	19.63	0	0.0
	1	26	20.21	20.05	19.65	19.54	19.46		0.0
	1	49	19.83	20.04	19.70	19.57	19.55		0.0
	25	0	20.16	20.18	19.82	19.67	19.56	0-0.5	0.5
	25	13	20.23	20.17	19.72	19.64	19.56	0	0.0
	25	26	20.12	20.07	19.86	19.62	19.61	0-0.5	0.5
	50	0	20.28	20.12	19.78	19.59	19.56		0.5
DFT-s-OFDM QPSK	1	1	19.43	20.28	19.81	19.30	19.55	0	0.0
	1	26	20.31	20.10	19.75	19.58	19.52		0.0
	1	49	19.68	20.02	19.80	19.20	19.74		0.0
	25	0	19.64	19.94	19.18	18.66	19.06	0-1	1.0
	25	13	20.18	19.96	19.81	19.65	19.61	0	0.0
	25	26	19.94	19.86	19.23	18.66	19.21	0-1	1.0
	50	0	19.70	19.98	19.20	18.67	19.12		1.0
DFT-s-OFDM 16QAM	1	1	18.41	19.92	18.77	18.28	18.49	0-1	1.0
CP-OFDM QPSK	1	1	18.21	19.50	18.46	18.07	18.20	0-1.5	1.5

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Table F-8
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity) - 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 $\pi/2$ BPSK	1	1	15.04	15.31	0	0.0
	1	123	15.77	15.19		0.0
	1	243	15.55	15.27		0.0
	120	0	15.76	15.21	0-0.5	0.0
	120	63	15.70	15.18	0	0.0
	120	125	15.66	15.23	0-0.5	0.0
	243	0	15.70	15.20		0.0
DFT-s-OFDM QPSK	1	1	14.95	15.14	0	0.0
	1	123	15.79	15.04		0.0
	1	243	15.58	15.27		0.0
	120	0	15.70	15.24	0-1	0.0
	120	63	15.70	15.20	0	0.0
	120	125	15.66	15.23	0-1	0.0
	243	0	15.76	15.19		0.0
DFT-s-OFDM 16QAM	1	1	15.19	15.32	0-1	0.0
CP-OFDM QPSK	1	1	15.02	15.14	0-1.5	0.0

Table F-9
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity) - 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 $\pi/2$ BPSK	1	1	15.07	15.17	0	0.0
	1	109	15.87	15.12		0.0
	1	215	15.45	15.38		0.0
	108	0	15.86	15.17	0-0.5	0.0
	108	55	15.84	15.18	0	0.0
	108	109	15.66	15.26	0-0.5	0.0
	216	0	15.81	15.22		0.0
DFT-s-OFDM QPSK	1	1	15.08	15.17	0	0.0
	1	109	15.77	15.18		0.0
	1	215	15.44	15.38		0.0
	108	0	15.88	15.16	0-1	0.0
	108	55	15.78	15.19	0	0.0
	108	109	15.65	15.29	0-1	0.0
	216	0	15.75	15.25		0.0
DFT-s-OFDM 16QAM	1	1	15.20	15.36	0-1	0.0
CP-OFDM QPSK	1	1	15.02	15.13	0-1.5	0.0

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Table F-10
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.21	15.68	15.27	0	0.0
	1	81	15.92	15.65	15.30		0.0
	1	160	15.77	15.41	15.57		0.0
	81	0	15.98	15.68	15.33	0-0.5	0.0
	81	41	15.99	15.66	15.39	0	0.0
	81	81	16.00	15.60	15.48	0-0.5	0.0
162	0	15.97	15.68	15.45	0.0		
DFT-s-OFDM QPSK	1	1	15.13	15.63	15.21	0	0.0
	1	81	15.91	15.58	15.33		0.0
	1	160	15.84	15.42	15.54		0.0
	81	0	15.95	15.75	15.28	0-1	0.0
	81	41	16.02	15.67	15.42	0	0.0
	81	81	16.00	15.58	15.39	0-1	0.0
162	0	15.99	15.64	15.38	0.0		
DFT-s-OFDM 16QAM	1	1	15.48	15.82	15.39	0-1	0.0
CP-OFDM QPSK	1	1	15.23	15.74	15.15	0-1.5	0.0

Table F-11
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.40	15.74	15.35	0	0.0
	1	67	16.09	15.64	15.36		0.0
	1	131	15.93	15.55	15.65		0.0
	64	0	15.99	15.68	15.27	0-0.5	0.0
	64	35	16.14	15.68	15.40	0	0.0
	64	69	15.99	15.50	15.42	0-0.5	0.0
	128	0	16.05	15.71	15.41		0.0
DFT-s-OFDM QPSK	1	1	15.34	15.77	15.37	0	0.0
	1	67	16.07	15.53	15.35		0.0
	1	131	15.99	15.47	15.56		0.0
	64	0	16.05	15.69	15.23	0-1	0.0
	64	35	16.13	15.68	15.41	0	0.0
	64	69	16.03	15.53	15.53	0-1	0.0
	128	0	16.10	15.65	15.40		0.0
DFT-s-OFDM 16QAM	1	1	15.53	15.94	15.45	0-1	0.0
CP-OFDM QPSK	1	1	15.35	15.69	15.31	0-1.5	0.0

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Table F-12
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.44	15.91	15.65	15.67	0	0.0
	1	53	16.19	15.81	15.32	15.48		0.0
	1	104	15.96	15.92	15.47	15.61		0.0
	50	0	16.12	15.87	15.61	15.40	0-0.5	0.0
	50	28	16.07	15.86	15.46	15.54	0	0.0
	50	56	16.07	15.83	15.52	15.64	0-0.5	0.0
	100	0	16.08	15.91	15.51	15.60		0.0
DFT-s-OFDM QPSK	1	1	15.41	15.98	15.78	15.51	0	0.0
	1	53	16.20	15.74	15.47	15.45		0.0
	1	104	16.03	15.92	15.46	15.56		0.0
	50	0	15.97	15.88	15.59	15.46	0-1	0.0
	50	28	16.19	15.80	15.46	15.52	0	0.0
	50	56	16.13	15.84	15.48	15.56	0-1	0.0
	100	0	16.13	15.92	15.51	15.54		0.0
DFT-s-OFDM 16QAM	1	1	15.63	16.25	15.81	15.65	0-1	0.0
CP-OFDM QPSK	1	1	15.45	15.98	15.67	15.54	0-1.5	0.0

Table F-13
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.45	16.21	15.87	15.62	15.59	0	0.0
	1	39	16.19	16.14	15.65	15.55	15.52		0.0
	1	76	16.01	16.08	15.80	15.63	15.70		0.0
	36	0	15.49	16.11	15.78	15.53	15.55	0-0.5	0.0
	36	21	16.20	16.03	15.65	15.42	15.52	0	0.0
	36	42	16.13	15.93	15.73	15.55	15.67	0-0.5	0.0
	75	0	16.12	16.08	15.71	15.48	15.56		0.0
DFT-s-OFDM QPSK	1	1	15.40	16.31	15.80	15.60	15.64	0	0.0
	1	39	16.23	16.04	15.73	15.54	15.52		0.0
	1	76	16.06	16.06	15.71	15.70	15.77		0.0
	36	0	15.93	16.08	15.76	15.48	15.57	0-1	0.0
	36	21	16.20	16.06	15.66	15.47	15.54	0	0.0
	36	42	16.12	15.95	15.60	15.57	15.61	0-1	0.0
	75	0	16.12	16.09	15.66	15.47	15.56		0.0
DFT-s-OFDM 16QAM	1	1	15.52	16.29	15.85	15.75	15.71	0-1	0.0
CP-OFDM QPSK	1	1	15.39	16.21	15.80	15.55	15.63	0-1.5	0.0

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Table F-14
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity) - 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 $\pi/2$ BPSK	1	1	15.30	16.20	15.65	15.47	15.50	0	0.0
	1	26	16.11	15.96	15.62	15.33	15.46		0.0
	1	49	16.05	15.84	15.62	15.41	15.62		0.0
	25	0	15.80	16.11	15.71	15.36	15.52	0-0.5	0.0
	25	13	16.10	15.97	15.69	15.33	15.49	0	0.0
	25	26	16.15	16.00	15.61	15.43	15.42	0-0.5	0.0
	50	0	16.04	15.97	15.66	15.35	15.44		0.0
DFT-s-OFDM QPSK	1	1	15.43	16.15	15.79	15.53	15.57	0	0.0
	1	26	16.17	15.98	15.65	15.31	15.54		0.0
	1	49	16.08	15.93	15.65	15.53	15.65		0.0
	25	0	15.74	16.05	15.73	15.37	15.49	0-1	0.0
	25	13	16.16	15.98	15.68	15.35	15.52	0	0.0
	25	26	16.14	16.02	15.64	15.43	15.51	0-1	0.0
	50	0	16.10	16.01	15.73	15.32	15.52		0.0
DFT-s-OFDM 16QAM	1	1	15.53	16.33	15.74	15.65	15.65	0-1	0.0
CP-OFDM QPSK	1	1	15.40	16.24	15.74	15.76	15.54	0-1.5	0.0

Table F-15
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	12.91	12.90	0	0.0
	1	123	13.57	12.90		0.0
	1	243	13.10	12.78		0.0
	120	0	13.51	12.90	0-0.5	0.0
	120	63	13.53	12.82	0	0.0
	120	125	13.36	12.82	0-0.5	0.0
	243	0	13.44	12.83		0.0
DFT-s-OFDM QPSK	1	1	12.97	13.00	0	0.0
	1	123	13.66	12.92		0.0
	1	243	13.11	12.80		0.0
	120	0	13.58	12.98	0-1	0.0
	120	63	13.58	12.89	0	0.0
	120	125	13.41	12.78	0-1	0.0
	243	0	13.49	12.83		0.0
DFT-s-OFDM 16QAM	1	1	12.61	12.92	0-1	0.0
CP-OFDM QPSK	1	1	12.61	12.86	0-1.5	0.0

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Table F-16
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	12.67	12.94	0	0.0
	1	109	13.62	12.73		0.0
	1	215	13.17	12.87		0.0
	108	0	13.53	12.82	0-0.5	0.0
	108	55	13.58	12.79	0	0.0
	108	109	13.42	12.81	0-0.5	0.0
	216	0	13.54	12.85		0.0
DFT-s-OFDM QPSK	1	1	12.88	12.94	0	0.0
	1	109	13.67	12.83		0.0
	1	215	13.26	12.97		0.0
	108	0	13.54	12.76	0-1	0.0
	108	55	13.63	12.82	0	0.0
	108	109	13.41	12.86	0-1	0.0
	216	0	13.51	12.84		0.0
DFT-s-OFDM 16QAM	1	1	12.85	13.00	0-1	0.0
CP-OFDM QPSK	1	1	12.70	12.79	0-1.5	0.0

Table F-17
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.15	13.58	13.05	0	0.0
	1	81	13.92	13.35	13.00		0.0
	1	160	13.85	13.23	13.22		0.0
	81	0	13.89	13.54	13.16	0-0.5	0.0
	81	41	13.96	13.40	13.05	0	0.0
	81	81	13.92	13.35	13.22	0-0.5	0.0
	162	0	13.94	13.40	13.11		0.0
DFT-s-OFDM QPSK	1	1	13.11	13.78	13.10	0	0.0
	1	81	13.94	13.49	13.08		0.0
	1	160	13.93	13.20	13.16		0.0
	81	0	13.88	13.57	13.04	0-1	0.0
	81	41	14.04	13.41	13.11	0	0.0
	81	81	14.01	13.39	13.07	0-1	0.0
	162	0	13.90	13.42	13.09		0.0
DFT-s-OFDM 16QAM	1	1	13.07	13.78	13.26	0-1	0.0
CP-OFDM QPSK	1	1	13.11	13.50	12.96	0-1.5	0.0

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Table F-18
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.20	13.53	13.16	0	0.0
	1	67	13.98	13.41	13.10		0.0
	1	131	13.88	13.24	13.22		0.0
	64	0	13.90	13.60	13.13	0-0.5	0.0
	64	35	13.97	13.51	13.07	0	0.0
	64	69	14.03	13.41	13.20	0-0.5	0.0
128	0	13.87	13.49	13.12	0.0		
DFT-s-OFDM QPSK	1	1	13.20	13.67	13.21	0	0.0
	1	67	14.04	13.49	13.13		0.0
	1	131	13.80	13.43	13.19		0.0
	64	0	13.92	13.45	13.09	0-1	0.0
	64	35	13.98	13.42	13.08	0	0.0
	64	69	14.02	13.37	13.10	0-1	0.0
128	0	13.89	13.41	13.17	0.0		
DFT-s-OFDM 16QAM	1	1	13.27	13.72	13.22	0-1	0.0
CP-OFDM QPSK	1	1	13.08	13.50	13.02	0-1.5	0.0

Table F-19
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.15	13.92	13.55	12.88	0	0.0
	1	53	14.03	13.59	13.15	13.13		0.0
	1	104	14.01	13.65	13.25	13.37		0.0
	50	0	13.97	13.77	13.37	13.20	0-0.5	0.0
	50	28	14.05	13.60	13.23	13.11	0	0.0
	50	56	14.13	13.54	13.30	13.32	0-0.5	0.0
	100	0	13.96	13.72	13.26	13.21		0.0
DFT-s-OFDM QPSK	1	1	13.15	13.96	13.62	13.32	0	0.0
	1	53	13.96	13.70	13.23	13.13		0.0
	1	104	14.09	13.69	13.35	13.40		0.0
	50	0	13.91	13.71	13.35	13.22	0-1	0.0
	50	28	14.11	13.61	13.25	13.19	0	0.0
	50	56	14.12	13.55	13.34	13.33	0-1	0.0
	100	0	13.96	13.67	13.33	13.21		0.0
DFT-s-OFDM 16QAM	1	1	13.27	14.02	13.55	13.33	0-1	0.0
CP-OFDM QPSK	1	1	13.18	13.74	13.45	13.28	0-1.5	0.0

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Table F-20

NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.25	14.08	13.69	13.35	13.15	0	0.0
	1	39	14.14	13.72	13.45	13.32	13.27		0.0
	1	76	14.22	13.83	13.53	13.29	13.51		0.0
	36	0	13.73	13.93	13.64	13.27	13.26	0-0.5	0.0
	36	21	14.00	13.75	13.50	13.16	13.23	0	0.0
	36	42	14.19	13.81	13.51	13.29	13.25	0-0.5	0.0
	75	0	13.95	13.78	13.60	13.20	13.22		0.0
DFT-s-OFDM QPSK	1	1	13.20	14.02	13.60	13.44	13.46	0	0.0
	1	39	14.13	13.82	13.52	13.22	13.19		0.0
	1	76	14.22	13.79	13.46	13.41	13.40		0.0
	36	0	13.73	13.95	13.53	13.25	13.29	0-1	0.0
	36	21	14.05	13.75	13.52	13.18	13.22	0	0.0
	36	42	14.21	13.79	13.59	13.35	13.34	0-1	0.0
	75	0	13.95	13.83	13.58	13.27	13.25		0.0
DFT-s-OFDM 16QAM	1	1	13.25	14.34	13.78	13.58	13.22	0-1	0.0
CP-OFDM QPSK	1	1	13.12	13.99	13.48	13.51	13.23	0-1.5	0.0

Table F-21

NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.18	14.04	13.67	13.29	13.21	0	0.0
	1	26	13.92	14.00	13.45	13.07	13.26		0.0
	1	49	14.05	13.65	13.20	13.16	13.25		0.0
	25	0	13.71	14.12	13.61	13.19	13.17	0-0.5	0.0
	25	13	14.05	13.93	13.59	13.20	13.30	0	0.0
	25	26	14.15	13.86	13.46	13.21	13.24	0-0.5	0.0
	50	0	13.97	13.95	13.56	13.23	13.26		0.0
DFT-s-OFDM QPSK	1	1	13.16	13.99	13.65	13.26	13.24	0	0.0
	1	26	13.82	13.89	13.54	13.21	13.30		0.0
	1	49	14.32	13.83	13.51	13.19	13.25		0.0
	25	0	13.73	14.09	13.56	13.25	13.20	0-1	0.0
	25	13	13.98	13.97	13.56	13.27	13.26	0	0.0
	25	26	14.21	13.87	13.54	13.16	13.30	0-1	0.0
	50	0	13.98	13.93	13.57	13.22	13.19		0.0
DFT-s-OFDM 16QAM	1	1	13.32	14.19	14.04	13.32	13.31	0-1	0.0
CP-OFDM QPSK	1	1	13.05	14.08	13.50	13.22	13.02	0-1.5	0.0

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Table F-22
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	5.67	5.51	0	0.0
	1	123	6.37	5.52		0.0
	1	243	5.85	5.50		0.0
	120	0	6.28	5.50	0-0.5	0.0
	120	63	6.25	5.50	0	0.0
	120	125	6.09	5.50	0-0.5	0.0
	243	0	6.17	5.50		0.0
DFT-s-OFDM QPSK	1	1	5.69	5.52	0	0.0
	1	123	6.32	5.51		0.0
	1	243	5.84	5.52		0.0
	120	0	6.29	5.50	0-1	0.0
	120	63	6.26	5.50	0	0.0
	120	125	6.09	5.50	0-1	0.0
	243	0	6.21	5.51		0.0
DFT-s-OFDM 16QAM	1	1	5.64	5.54	0-1	0.0
CP-OFDM QPSK	1	1	5.60	5.53	0-1.5	0.0

Table F-23
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	5.83	5.52	0	0.0
	1	109	6.38	5.51		0.0
	1	215	6.00	5.59		0.0
	108	0	6.38	5.50	0-0.5	0.0
	108	55	6.31	5.50	0	0.0
	108	109	6.20	5.52	0-0.5	0.0
	216	0	6.27	5.50		0.0
DFT-s-OFDM QPSK	1	1	5.83	5.51	0	0.0
	1	109	6.45	5.50		0.0
	1	215	6.00	5.59		0.0
	108	0	6.35	5.50	0-1	0.0
	108	55	6.34	5.50	0	0.0
	108	109	6.25	5.50	0-1	0.0
	216	0	6.34	5.50		0.0
DFT-s-OFDM 16QAM	1	1	5.77	5.51	0-1	0.0
CP-OFDM QPSK	1	1	5.87	5.52	0-1.5	0.0

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Table F-24
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.26	6.66	5.56	0	0.0
	1	81	6.75	6.31	5.61		0.0
	1	160	6.59	5.70	6.05		0.0
	81	0	6.81	6.39	5.67	0-0.5	0.0
	81	41	6.69	6.08	5.71	0	0.0
	81	81	6.68	5.95	5.74	0-0.5	0.0
	162	0	6.63	6.08	5.61		0.0
DFT-s-OFDM QPSK	1	1	6.25	6.59	5.66	0	0.0
	1	81	6.79	6.37	5.62		0.0
	1	160	6.62	5.66	6.07		0.0
	81	0	6.81	6.41	5.61	0-1	0.0
	81	41	6.69	6.19	5.60	0	0.0
	81	81	6.65	5.92	5.76	0-1	0.0
	162	0	6.66	6.08	5.60		0.0
DFT-s-OFDM 16QAM	1	1	6.31	6.48	5.65	0-1	0.0
CP-OFDM QPSK	1	1	6.19	6.56	5.64	0-1.5	0.0

Table F-25
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.40	6.64	5.64	0	0.0
	1	67	6.89	6.29	5.77		0.0
	1	131	6.76	5.94	5.99		0.0
	64	0	6.72	6.39	5.59	0-0.5	0.0
	64	35	6.76	6.27	5.70	0	0.0
	64	69	6.70	6.00	5.74	0-0.5	0.0
	128	0	6.75	6.28	5.75		0.0
DFT-s-OFDM QPSK	1	1	6.41	6.70	5.75	0	0.0
	1	67	6.95	6.32	5.78		0.0
	1	131	6.76	5.95	6.01		0.0
	64	0	6.77	6.41	5.60	0-1	0.0
	64	35	6.81	6.19	5.67	0	0.0
	64	69	6.77	6.05	5.73	0-1	0.0
	128	0	6.77	6.28	5.68		0.0
DFT-s-OFDM 16QAM	1	1	6.31	6.41	5.70	0-1	0.0
CP-OFDM QPSK	1	1	6.32	6.56	5.65	0-1.5	0.0

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Table F-26
NR Band n41 MIMO4 Antenna Measured P_{limit} for = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.41	6.78	6.28	5.84	0	0.0
	1	53	6.97	6.65	5.86	5.88		0.0
	1	104	6.79	6.55	5.87	6.02		0.0
	50	0	6.80	6.71	6.01	5.75	0-0.5	0.0
	50	28	6.88	6.56	5.79	5.82	0	0.0
	50	56	6.87	6.56	5.88	6.03	0-0.5	0.0
	100	0	6.84	6.57	5.93	5.88		0.0
DFT-s-OFDM QPSK	1	1	6.38	6.88	6.29	5.92	0	0.0
	1	53	6.97	6.57	5.98	5.89		0.0
	1	104	6.98	6.50	5.98	6.21		0.0
	50	0	6.87	6.74	5.96	5.79	0-1	0.0
	50	28	6.94	6.49	5.83	5.85	0	0.0
	50	56	6.86	6.53	5.89	6.00	0-1	0.0
	100	0	6.83	6.52	5.92	5.85		0.0
DFT-s-OFDM 16QAM	1	1	6.33	6.74	6.33	5.89	0-1	0.0
CP-OFDM QPSK	1	1	6.52	6.96	6.27	5.95	0-1.5	0.0

Table F-27
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.45	6.84	6.63	6.05	5.98	0	0.0
	1	39	7.00	6.73	6.45	5.87	5.89		0.0
	1	76	7.03	6.75	6.40	5.92	6.12		0.0
	36	0	6.66	6.75	6.44	5.76	5.91	0-0.5	0.0
	36	21	6.94	6.76	6.36	5.78	5.86	0	0.0
	36	42	6.96	6.75	6.25	5.84	6.17	0-0.5	0.0
	75	0	6.90	6.78	6.39	5.85	5.91		0.0
DFT-s-OFDM QPSK	1	1	6.45	6.85	6.56	6.00	6.03	0	0.0
	1	39	7.14	6.86	6.39	5.84	5.93		0.0
	1	76	7.18	6.76	6.31	6.00	6.02		0.0
	36	0	6.76	6.78	6.48	5.77	5.93	0-1	0.0
	36	21	6.97	6.77	6.34	5.84	5.91	0	0.0
	36	42	7.01	6.76	6.26	5.79	6.05	0-1	0.0
	75	0	6.92	6.81	6.42	5.84	5.87		0.0
DFT-s-OFDM 16QAM	1	1	6.46	6.94	6.61	5.95	5.96	0-1	0.0
CP-OFDM QPSK	1	1	6.37	6.87	6.53	6.20	5.94	0-1.5	0.0

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Table F-28
NR Band n41 MIMO4 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.54	6.70	6.62	5.90	5.94	0	0.0
	1	26	6.94	6.94	6.23	5.74	5.91		0.0
	1	49	7.17	6.61	6.12	5.77	6.00		0.0
	25	0	6.71	6.84	6.40	5.68	5.78	0-0.5	0.0
	25	13	6.93	6.73	6.25	5.77	5.86	0	0.0
	25	26	7.03	6.67	6.23	5.66	5.86	0-0.5	0.0
DFT-s-OFDM QPSK	50	0	6.82	6.76	6.29	5.74	5.83	0	0.0
	1	1	6.48	6.81	6.54	5.84	5.93		0.0
	1	26	7.07	6.74	6.33	5.73	5.89		0.0
	1	49	7.12	6.65	6.12	5.74	6.06	0-1	0.0
	25	0	6.73	6.77	6.43	5.68	5.84	0	0.0
	25	13	6.99	6.77	6.31	5.73	5.86	0-1	0.0
DFT-s-OFDM 16QAM	25	26	7.00	6.67	6.14	5.69	5.92	0-1	0.0
50	0	6.86	6.76	6.36	5.74	5.83	0.0		
DFT-s-OFDM 16QAM	1	1	6.38	6.94	6.57	5.88	5.75	0-1	0.0
CP-OFDM QPSK	1	1	6.41	7.02	6.56	5.80	5.84	0-1.5	0.0

Table F-29
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.00	9.67	0	0.0
	1	123	9.98	9.82		0.0
	1	243	9.76	9.87		0.0
	120	0	9.75	9.75	0-0.5	0.0
	120	63	9.87	9.77	0	0.0
	120	125	9.85	9.75	0-0.5	0.0
	243	0	9.83	9.74		0.0
DFT-s-OFDM QPSK	1	1	8.90	9.76	0	0.0
	1	123	9.86	9.85		0.0
	1	243	9.68	9.86		0.0
	120	0	9.76	9.77	0-1	0.0
	120	63	9.87	9.72	0	0.0
	120	125	9.81	9.90	0-1	0.0
	243	0	9.80	9.72		0.0
DFT-s-OFDM 16QAM	1	1	8.95	9.49	0-1	0.0
CP-OFDM QPSK	1	1	9.04	9.55	0-1.5	0.0

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Table F-30
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.16	9.71	0	0.0
	1	109	10.00	9.87		0.0
	1	215	9.74	9.93		0.0
	108	0	9.76	9.75	0-0.5	0.0
	108	55	9.95	9.84	0	0.0
	108	109	9.78	9.88	0-0.5	0.0
	216	0	9.71	9.72		0.0
DFT-s-OFDM QPSK	1	1	9.12	9.72	0	0.0
	1	109	9.96	9.90		0.0
	1	215	9.77	9.90		0.0
	108	0	9.83	9.73	0-1	0.0
	108	55	9.89	9.82	0	0.0
	108	109	9.78	9.91	0-1	0.0
	216	0	9.71	9.77		0.0
DFT-s-OFDM 16QAM	1	1	9.16	9.39	0-1	0.0
CP-OFDM QPSK	1	1	9.38	9.90	0-1.5	0.0

Table F-31
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.50	9.96	10.08	0	0.0
	1	81	10.32	10.17	10.14		0.0
	1	160	10.37	10.03	10.31		0.0
	81	0	10.05	10.09	10.11	0-0.5	0.0
	81	41	10.22	10.09	10.09	0	0.0
	81	81	10.33	10.07	10.25	0-0.5	0.0
	162	0	10.18	10.06	10.19		0.0
DFT-s-OFDM QPSK	1	1	9.37	9.94	10.09	0	0.0
	1	81	10.20	10.15	10.24		0.0
	1	160	10.22	10.00	10.32		0.0
	81	0	10.13	10.08	10.13	0-1	0.0
	81	41	10.25	10.12	10.17	0	0.0
	81	81	10.38	10.08	10.26	0-1	0.0
	162	0	10.20	10.01	10.15		0.0
DFT-s-OFDM 16QAM	1	1	9.47	9.73	9.70	0-1	0.0
CP-OFDM QPSK	1	1	9.32	9.89	10.01	0-1.5	0.0

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Table F-32
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.60	9.96	10.12	0	0.0
	1	67	10.29	10.04	10.17		0.0
	1	131	10.37	10.03	10.30		0.0
	64	0	10.06	10.02	10.12	0-0.5	0.0
	64	35	10.29	10.05	10.15	0	0.0
	64	69	10.26	10.06	10.21	0-0.5	0.0
	128	0	10.25	10.04	10.15		0.0
DFT-s-OFDM QPSK	1	1	9.59	9.95	10.19	0	0.0
	1	67	10.17	10.10	10.26		0.0
	1	131	10.37	10.03	10.26		0.0
	64	0	10.11	10.06	10.06	0-1	0.0
	64	35	10.33	10.07	10.08	0	0.0
	64	69	10.29	10.08	10.21	0-1	0.0
	128	0	10.23	10.06	10.14		0.0
DFT-s-OFDM 16QAM	1	1	9.65	9.73	9.83	0-1	0.0
CP-OFDM QPSK	1	1	9.73	9.91	10.01	0-1.5	0.0

Table F-33
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.73	10.31	10.47	10.17	0	0.0
	1	53	10.41	10.24	10.32	10.29		0.0
	1	104	10.41	10.35	10.39	10.34		0.0
	50	0	10.10	10.21	10.28	10.18	0-0.5	0.0
	50	28	10.27	10.27	10.16	10.24	0	0.0
	50	56	10.36	10.27	10.25	10.25	0-0.5	0.0
	100	0	10.30	10.28	10.25	10.23		0.0
DFT-s-OFDM QPSK	1	1	9.73	10.34	10.53	10.19	0	0.0
	1	53	10.26	10.30	10.27	10.35		0.0
	1	104	10.36	10.43	10.35	10.36		0.0
	50	0	10.10	10.25	10.17	10.21	0-1	0.0
	50	28	10.35	10.28	10.22	10.13	0	0.0
	50	56	10.38	10.33	10.31	10.35	0-1	0.0
	100	0	10.25	10.28	10.26	10.20		0.0
DFT-s-OFDM 16QAM	1	1	9.74	9.92	10.08	9.96	0-1	0.0
CP-OFDM QPSK	1	1	9.71	10.27	10.38	10.04	0-1.5	0.0

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Table F-34
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.62	10.47	10.38	10.45	10.44	0	0.0
	1	39	10.16	10.27	10.20	10.42	10.45		0.0
	1	76	10.46	10.48	10.28	10.40	10.42		0.0
	36	0	10.00	10.33	10.30	10.31	10.36	0-0.5	0.0
	36	21	10.20	10.23	10.18	10.26	10.29	0	0.0
	36	42	10.35	10.21	10.37	10.32	10.26	0-0.5	0.0
	75	0	10.10	10.23	10.27	10.23	10.33		0.0
DFT-s-OFDM QPSK	1	1	9.75	10.35	10.29	10.31	10.35	0	0.0
	1	39	10.16	10.14	10.22	10.16	10.28		0.0
	1	76	10.41	10.33	10.35	10.40	10.44		0.0
	36	0	10.01	10.26	10.27	10.31	10.36	0-1	0.0
	36	21	10.09	10.19	10.22	10.20	10.31	0	0.0
	36	42	10.36	10.21	10.34	10.37	10.32	0-1	0.0
	75	0	10.13	10.27	10.23	10.28	10.36		0.0
DFT-s-OFDM 16QAM	1	1	9.90	10.57	10.67	10.67	10.56	0-1	0.0
CP-OFDM QPSK	1	1	9.60	10.37	10.32	10.34	10.44	0-1.5	0.0

Table F-35
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =2 (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 $\pi/2$ BPSK	1	1	9.72	10.38	10.41	10.35	10.33	0	0.0
	1	26	10.20	10.27	10.27	10.15	10.26		0.0
	1	49	10.35	10.31	10.37	10.33	10.47		0.0
	25	0	9.89	10.30	10.38	10.26	10.31	0-0.5	0.0
	25	13	10.11	10.38	10.31	10.17	10.26	0	0.0
	25	26	10.29	10.25	10.35	10.29	10.30	0-0.5	0.0
	50	0	10.09	10.37	10.34	10.23	10.33		0.0
DFT-s-OFDM QPSK	1	1	9.71	10.27	10.28	10.18	10.16	0	0.0
	1	26	10.15	10.24	10.18	10.05	10.14		0.0
	1	49	10.26	10.28	10.36	10.23	10.16		0.0
	25	0	9.95	10.21	10.31	10.26	10.36	0-1	0.0
	25	13	10.15	10.35	10.32	10.21	10.33	0	0.0
	25	26	10.25	10.36	10.36	10.31	10.29	0-1	0.0
	50	0	10.15	10.39	10.32	10.20	10.26		0.0
DFT-s-OFDM 16QAM	1	1	9.87	10.55	10.48	10.62	10.51	0-1	0.0
CP-OFDM QPSK	1	1	9.59	10.36	10.47	10.13	10.28	0-1.5	0.0

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Table F-36
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.15	15.89	0	0.0
	1	123	16.00	15.95		0.0
	1	243	15.97	16.02		0.0
	120	0	15.92	15.95	0-0.5	0.0
	120	63	16.03	16.00	0	0.0
	120	125	15.98	16.09	0-0.5	0.0
	243	0	15.90	15.95		0.0
DFT-s-OFDM QPSK	1	1	15.14	15.85	0	0.0
	1	123	15.96	16.03		0.0
	1	243	15.92	16.09		0.0
	120	0	15.82	16.03	0-1	0.0
	120	63	15.99	15.95	0	0.0
	120	125	15.96	16.12	0-1	0.0
	243	0	15.96	16.01		0.0
DFT-s-OFDM 16QAM	1	1	15.06	15.75	0-1	0.0
CP-OFDM QPSK	1	1	15.31	15.89	0-1.5	0.0

Table F-37
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.20	15.97	0	0.0
	1	109	16.12	16.10		0.0
	1	215	15.95	16.06		0.0
	108	0	15.91	15.95	0-0.5	0.0
	108	55	15.99	16.12	0	0.0
	108	109	16.04	16.07	0-0.5	0.0
	216	0	15.98	16.06		0.0
DFT-s-OFDM QPSK	1	1	15.22	15.96	0	0.0
	1	109	16.15	16.16		0.0
	1	215	16.02	16.05		0.0
	108	0	15.97	15.98	0-1	0.0
	108	55	16.02	16.03	0	0.0
	108	109	16.03	16.06	0-1	0.0
	216	0	16.03	16.08		0.0
DFT-s-OFDM 16QAM	1	1	15.19	15.78	0-1	0.0
CP-OFDM QPSK	1	1	15.31	15.96	0-1.5	0.0

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Table F-38
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.65	16.29	16.35	0	0.0
	1	81	16.30	16.35	16.39		0.0
	1	160	16.39	16.45	16.43		0.0
	81	0	16.25	16.34	16.35	0-0.5	0.0
	81	41	16.32	16.35	16.42	0	0.0
	81	81	16.45	16.45	16.39	0-0.5	0.0
	162	0	16.33	16.42	16.35		0.0
DFT-s-OFDM QPSK	1	1	15.62	16.22	16.45	0	0.0
	1	81	16.33	16.39	16.31		0.0
	1	160	16.38	16.51	16.47		0.0
	81	0	16.20	16.35	16.33	0-1	0.0
	81	41	16.33	16.39	16.27	0	0.0
	81	81	16.42	16.51	16.40	0-1	0.0
	162	0	16.32	16.40	16.35		0.0
DFT-s-OFDM 16QAM	1	1	15.60	16.14	16.18	0-1	0.0
CP-OFDM QPSK	1	1	15.54	16.35	16.28	0-1.5	0.0

Table F-39
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.81	16.41	16.43	0	0.0
	1	67	16.45	16.27	16.33		0.0
	1	131	16.54	16.61	16.51		0.0
	64	0	16.21	16.28	16.32	0-0.5	0.0
	64	35	16.36	16.35	16.35	0	0.0
	64	69	16.48	16.50	16.31	0-0.5	0.0
	128	0	16.28	16.43	16.41		0.0
DFT-s-OFDM QPSK	1	1	15.78	16.38	16.34	0	0.0
	1	67	16.30	16.42	16.23		0.0
	1	131	16.45	16.50	16.47		0.0
	64	0	16.22	16.34	16.37	0-1	0.0
	64	35	16.42	16.37	16.37	0	0.0
	64	69	16.45	16.48	16.33	0-1	0.0
	128	0	16.30	16.38	16.38		0.0
DFT-s-OFDM 16QAM	1	1	15.63	16.22	16.27	0-1	0.0
CP-OFDM QPSK	1	1	15.87	16.35	16.51	0-1.5	0.0

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Table F-40
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.90	16.45	16.57	16.54	0	0.0
	1	53	16.37	16.38	16.42	16.46		0.0
	1	104	16.65	16.55	16.62	16.54		0.0
	50	0	16.19	16.36	16.42	16.53	0-0.5	0.0
	50	28	16.45	16.41	16.47	16.47	0	0.0
	50	56	16.39	16.34	16.45	16.59	0-0.5	0.0
	100	0	16.38	16.46	16.50	16.54		0.0
DFT-s-OFDM QPSK	1	1	15.81	16.45	16.55	16.56	0	0.0
	1	53	16.37	16.38	16.41	16.44		0.0
	1	104	16.54	16.52	16.56	16.57		0.0
	50	0	16.26	16.38	16.46	16.50	0-1	0.0
	50	28	16.34	16.41	16.48	16.49	0	0.0
	50	56	16.47	16.43	16.48	16.59	0-1	0.0
	100	0	16.40	16.50	16.43	16.48		0.0
DFT-s-OFDM 16QAM	1	1	15.78	16.36	16.38	16.42	0-1	0.0
CP-OFDM QPSK	1	1	15.81	16.30	16.51	16.63	0-1.5	0.0

Table F-41
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity)- 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 $\pi/2$ BPSK	1	1	15.96	16.50	16.50	16.58	16.70	0	0.0
	1	39	16.23	16.25	16.38	16.53	16.52		0.0
	1	76	16.48	16.51	16.63	16.82	16.65		0.0
	36	0	16.16	16.40	16.44	16.45	16.50	0-0.5	0.0
	36	21	16.33	16.42	16.37	16.54	16.45	0	0.0
	36	42	16.45	16.41	16.57	16.53	16.60	0-0.5	0.0
	75	0	16.30	16.46	16.41	16.58	16.52		0.0
DFT-s-OFDM QPSK	1	1	15.81	16.46	16.37	16.54	16.50	0	0.0
	1	39	16.33	16.43	16.42	16.42	16.41		0.0
	1	76	16.45	16.49	16.66	16.62	16.60		0.0
	36	0	16.15	16.35	16.49	16.39	16.51	0-1	0.0
	36	21	16.28	16.41	16.42	16.57	16.43	0	0.0
	36	42	16.50	16.45	16.50	16.53	16.60	0-1	0.0
	75	0	16.26	16.48	16.41	16.47	16.51		0.0
DFT-s-OFDM 16QAM	1	1	15.69	16.27	16.34	16.76	16.71	0-1	0.0
CP-OFDM QPSK	1	1	15.95	16.61	16.35	16.75	16.54	0-1.5	0.0

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Table F-42
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 4 (Flip/Closed Body/Extremity) - 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 $\pi/2$ BPSK	1	1	15.88	16.57	16.55	16.40	16.50	0	0.0
	1	26	16.35	16.43	16.52	16.47	16.54		0.0
	1	49	16.48	16.47	16.55	16.50	16.31		0.0
	25	0	16.03	16.51	16.45	16.45	16.40	0-0.5	0.0
	25	13	16.29	16.45	16.43	16.39	16.48	0	0.0
	25	26	16.32	16.42	16.53	16.41	16.41	0-0.5	0.0
	50	0	16.23	16.50	16.45	16.42	16.45		0.0
DFT-s-OFDM QPSK	1	1	15.69	16.45	16.45	16.33	16.35	0	0.0
	1	26	16.11	16.37	16.40	16.35	16.42		0.0
	1	49	16.33	16.45	16.52	16.31	16.44		0.0
	25	0	16.05	16.46	16.43	16.33	16.42	0-1	0.0
	25	13	16.22	16.53	16.45	16.42	16.43	0	0.0
	25	26	16.32	16.39	16.52	16.42	16.41	0-1	0.0
	50	0	16.21	16.47	16.42	16.46	16.45		0.0
DFT-s-OFDM 16QAM	1	1	15.88	16.86	16.71	16.68	16.65	0-1	0.0
CP-OFDM QPSK	1	1	15.83	16.35	16.70	16.78	16.37	0-1.5	0.0

Table F-43
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.10	13.53	0	0.0
	1	123	13.86	13.75		0.0
	1	243	13.71	13.55		0.0
	120	0	13.65	13.71	0-0.5	0.0
	120	63	13.77	13.66	0	0.0
	120	125	13.83	13.71	0-0.5	0.0
	243	0	13.70	13.66		0.0
DFT-s-OFDM QPSK	1	1	13.01	13.53	0	0.0
	1	123	13.81	13.75		0.0
	1	243	13.65	13.63		0.0
	120	0	13.67	13.75	0-1	0.0
	120	63	13.80	13.73	0	0.0
	120	125	13.79	13.65	0-1	0.0
	243	0	13.73	13.70		0.0
DFT-s-OFDM 16QAM	1	1	13.02	13.53	0-1	0.0
CP-OFDM QPSK	1	1	13.00	13.49	0-1.5	0.0

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Table F-44
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	12.97	13.69	0	0.0
	1	109	13.81	13.68		0.0
	1	215	13.70	13.63		0.0
	108	0	13.62	13.69	0-0.5	0.0
	108	55	13.75	13.69	0	0.0
	108	109	13.80	13.69	0-0.5	0.0
	216	0	13.70	13.65		0.0
DFT-s-OFDM QPSK	1	1	12.93	13.69	0	0.0
	1	109	13.74	13.71		0.0
	1	215	13.71	13.62		0.0
	108	0	13.57	13.69	0-1	0.0
	108	55	13.70	13.67	0	0.0
	108	109	13.79	13.70	0-1	0.0
	216	0	13.72	13.66		0.0
DFT-s-OFDM 16QAM	1	1	12.97	13.64	0-1	0.0
CP-OFDM QPSK	1	1	13.02	13.61	0-1.5	0.0

Table F-45
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.42	13.87	14.03	0	0.0
	1	81	14.10	14.16	14.10		0.0
	1	160	14.20	13.93	14.05		0.0
	81	0	13.96	14.05	14.13	0-0.5	0.0
	81	41	14.13	14.05	14.12	0	0.0
	81	81	14.22	14.10	14.07	0-0.5	0.0
	162	0	14.14	14.12	14.00		0.0
DFT-s-OFDM QPSK	1	1	13.44	13.82	14.01	0	0.0
	1	81	14.11	14.10	14.12		0.0
	1	160	14.15	13.88	14.10		0.0
	81	0	14.06	14.01	14.07	0-1	0.0
	81	41	14.19	14.04	14.12	0	0.0
	81	81	14.25	14.02	14.05	0-1	0.0
	162	0	14.19	14.05	14.01		0.0
DFT-s-OFDM 16QAM	1	1	13.41	13.83	14.03	0-1	0.0
CP-OFDM QPSK	1	1	13.42	13.78	13.99	0-1.5	0.0

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Table F-46
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.60	13.92	13.91	0	0.0
	1	67	14.22	14.20	14.10		0.0
	1	131	14.19	13.97	14.05		0.0
	64	0	14.05	14.04	14.01	0-0.5	0.0
	64	35	14.13	14.09	14.03	0	0.0
	64	69	14.22	14.08	14.04	0-0.5	0.0
	128	0	14.08	14.09	14.11		0.0
DFT-s-OFDM QPSK	1	1	13.51	13.85	14.03	0	0.0
	1	67	14.15	14.17	14.06		0.0
	1	131	14.15	13.90	14.13		0.0
	64	0	14.04	13.98	14.09	0-1	0.0
	64	35	14.13	14.05	14.08	0	0.0
	64	69	14.25	14.08	14.07	0-1	0.0
	128	0	14.07	14.06	14.10		0.0
DFT-s-OFDM 16QAM	1	1	13.50	13.85	14.03	0-1	0.0
CP-OFDM QPSK	1	1	13.44	13.77	13.95	0-1.5	0.0

Table F-47
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.57	14.36	13.95	13.96	0	0.0
	1	53	14.15	14.23	14.20	14.14		0.0
	1	104	14.21	14.17	14.29	14.02		0.0
	50	0	14.01	14.26	14.22	14.15	0-0.5	0.0
	50	28	14.10	14.18	14.16	14.15	0	0.0
	50	56	14.29	14.31	14.28	14.20	0-0.5	0.0
	100	0	14.09	14.26	14.26	14.11		0.0
DFT-s-OFDM QPSK	1	1	13.49	14.25	14.35	14.03	0	0.0
	1	53	14.09	14.22	14.27	14.17		0.0
	1	104	14.15	14.24	14.36	14.12		0.0
	50	0	14.00	14.27	14.25	14.19	0-1	0.0
	50	28	14.13	14.16	14.25	14.18	0	0.0
	50	56	14.28	14.29	14.27	14.11	0-1	0.0
	100	0	14.14	14.22	14.26	14.14		0.0
DFT-s-OFDM 16QAM	1	1	13.50	14.33	14.34	14.02	0-1	0.0
CP-OFDM QPSK	1	1	13.47	14.21	14.24	13.98	0-1.5	0.0

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Table F-48

NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.52	14.24	14.24	14.30	14.00	0	0.0
	1	39	14.15	14.09	14.12	14.20	14.25		0.0
	1	76	14.15	14.21	14.35	14.34	14.05		0.0
	36	0	13.90	14.19	14.23	14.28	14.20	0-0.5	0.0
	36	21	14.13	14.11	14.12	14.18	14.15	0	0.0
	36	42	14.26	14.11	14.26	14.29	14.21	0-0.5	0.0
	75	0	14.05	14.12	14.24	14.23	14.13		0.0
DFT-s-OFDM QPSK	1	1	13.45	14.31	14.23	14.26	14.02	0	0.0
	1	39	14.10	14.12	14.13	14.17	14.19		0.0
	1	76	14.14	14.33	14.39	14.34	14.13		0.0
	36	0	13.91	14.14	14.27	14.26	14.19	0-1	0.0
	36	21	14.05	14.12	14.16	14.22	14.21	0	0.0
	36	42	14.27	14.13	14.23	14.31	14.10	0-1	0.0
	75	0	14.08	14.15	14.20	14.22	14.17		0.0
DFT-s-OFDM 16QAM	1	1	13.50	14.53	14.44	14.46	14.01	0-1	0.0
CP-OFDM QPSK	1	1	13.45	14.33	14.16	14.27	13.99	0-1.5	0.0

Table F-49

NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI =5 (Read UMPC Body) - 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 $\pi/2$ BPSK	1	1	13.54	14.25	14.15	14.13	13.98	0	0.0
	1	26	13.91	14.08	14.19	14.15	14.18		0.0
	1	49	14.20	14.23	14.20	14.27	14.02		0.0
	25	0	13.85	14.15	14.21	14.23	14.20	0-0.5	0.0
	25	13	13.97	14.10	14.22	14.15	14.16	0	0.0
	25	26	14.16	14.18	14.19	14.18	14.12	0-0.5	0.0
	50	0	13.96	14.05	14.22	14.22	14.16		0.0
DFT-s-OFDM QPSK	1	1	13.50	14.16	14.25	14.18	14.01	0	0.0
	1	26	13.92	14.07	14.22	14.19	14.20		0.0
	1	49	14.15	14.20	14.24	14.28	14.11		0.0
	25	0	13.83	14.17	14.21	14.22	14.22	0-1	0.0
	25	13	13.96	14.14	14.19	14.21	14.22	0	0.0
	25	26	14.21	14.07	14.18	14.17	14.15	0-1	0.0
	50	0	13.97	14.12	14.20	14.18	14.14		0.0
DFT-s-OFDM 16QAM	1	1	13.52	14.43	14.46	14.41	14.02	0-1	0.0
CP-OFDM QPSK	1	1	13.50	14.17	14.21	14.20	13.99	0-1.5	0.0

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Table F-50
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	5.64	6.23	0	0.0
	1	123	6.61	6.54		0.0
	1	243	6.39	6.38		0.0
	120	0	6.35	6.35	0-0.5	0.0
	120	63	6.50	6.39	0	0.0
	120	125	6.54	6.45	0-0.5	0.0
	243	0	6.43	6.40		0.0
DFT-s-OFDM QPSK	1	1	5.52	6.19	0	0.0
	1	123	6.54	6.56		0.0
	1	243	6.23	6.35		0.0
	120	0	6.34	6.32	0-1	0.0
	120	63	6.53	6.45	0	0.0
	120	125	6.49	6.47	0-1	0.0
	243	0	6.40	6.46		0.0
DFT-s-OFDM 16QAM	1	1	5.50	6.26	0-1	0.0
CP-OFDM QPSK	1	1	5.52	6.15	0-1.5	0.0

Table F-51
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	5.85	6.38	0	0.0
	1	109	6.72	6.47		0.0
	1	215	6.46	6.52		0.0
	108	0	6.38	6.35	0-0.5	0.0
	108	55	6.53	6.40	0	0.0
	108	109	6.57	6.45	0-0.5	0.0
	216	0	6.48	6.46		0.0
DFT-s-OFDM QPSK	1	1	5.72	6.35	0	0.0
	1	109	6.65	6.50		0.0
	1	215	6.53	6.41		0.0
	108	0	6.39	6.41	0-1	0.0
	108	55	6.54	6.43	0	0.0
	108	109	6.58	6.48	0-1	0.0
	216	0	6.47	6.42		0.0
DFT-s-OFDM 16QAM	1	1	5.68	6.66	0-1	0.0
CP-OFDM QPSK	1	1	6.02	6.45	0-1.5	0.0

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NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.23	6.94	6.75	0	0.0
	1	81	6.86	6.91	6.94		0.0
	1	160	6.85	6.76	6.92		0.0
	81	0	6.63	6.89	6.77	0-0.5	0.0
	81	41	6.87	6.83	6.83	0	0.0
	81	81	6.99	6.74	6.78	0-0.5	0.0
	162	0	6.81	6.80	6.72		0.0
DFT-s-OFDM QPSK	1	1	6.24	7.03	6.82	0	0.0
	1	81	6.98	7.03	6.89		0.0
	1	160	6.99	6.81	7.00		0.0
	81	0	6.62	6.89	6.74	0-1	0.0
	81	41	6.83	6.77	6.82	0	0.0
	81	81	6.94	6.82	6.79	0-1	0.0
	162	0	6.77	6.77	6.77		0.0
DFT-s-OFDM 16QAM	1	1	6.11	6.97	6.60	0-1	0.0
CP-OFDM QPSK	1	1	6.19	7.01	6.75	0-1.5	0.0

Table F-53
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.38	6.93	6.81	0	0.0
	1	67	6.91	7.00	6.85		0.0
	1	131	7.09	6.82	7.01		0.0
	64	0	6.57	6.95	6.71	0-0.5	0.0
	64	35	6.89	6.91	6.80	0	0.0
	64	69	6.97	6.81	6.75	0-0.5	0.0
	128	0	6.76	6.92	6.81		0.0
DFT-s-OFDM QPSK	1	1	6.36	7.09	6.95	0	0.0
	1	67	6.95	7.05	6.86		0.0
	1	131	7.04	6.84	7.05		0.0
	64	0	6.63	6.91	6.75	0-1	0.0
	64	35	7.05	6.89	6.81	0	0.0
	64	69	7.00	6.86	6.79	0-1	0.0
	128	0	6.84	6.91	6.85		0.0
DFT-s-OFDM 16QAM	1	1	6.36	7.05	6.75	0-1	0.0
CP-OFDM QPSK	1	1	6.38	7.05	6.75	0-1.5	0.0

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Table F-54
NR Band n41 MIMO3 Antenna Measured P_{limit} for = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.37	7.15	7.07	7.00	0	0.0
	1	53	6.92	7.00	6.90	7.05		0.0
	1	104	7.01	7.03	7.03	7.06		0.0
	50	0	6.58	7.05	6.85	6.98	0-0.5	0.0
	50	28	6.86	6.97	6.81	6.91	0	0.0
	50	56	6.88	7.06	6.86	7.01	0-0.5	0.0
	100	0	6.80	7.03	6.93	6.99		0.0
DFT-s-OFDM QPSK	1	1	6.42	7.21	7.12	7.08	0	0.0
	1	53	6.90	7.03	6.94	6.91		0.0
	1	104	7.14	7.17	7.05	7.15		0.0
	50	0	6.65	7.08	6.92	6.97	0-1	0.0
	50	28	6.82	6.92	6.88	6.94	0	0.0
	50	56	6.95	6.99	6.89	7.09	0-1	0.0
	100	0	6.85	7.04	6.90	6.95		0.0
DFT-s-OFDM 16QAM	1	1	6.30	7.06	7.04	6.89	0-1	0.0
CP-OFDM QPSK	1	1	6.52	7.20	7.19	7.15	0-1.5	0.0

Table F-55
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.49	7.25	7.28	7.08	7.20	0	0.0
	1	39	7.04	7.13	7.11	6.94	7.00		0.0
	1	76	7.26	7.18	7.11	7.08	7.18		0.0
	36	0	6.57	6.98	7.00	6.83	7.01	0-0.5	0.0
	36	21	6.92	7.12	7.00	6.91	6.96	0	0.0
	36	42	6.99	7.12	7.04	6.95	7.10	0-0.5	0.0
	75	0	6.87	7.10	7.03	6.95	6.94		0.0
DFT-s-OFDM QPSK	1	1	6.44	7.23	7.15	7.05	7.16	0	0.0
	1	39	6.94	7.00	7.06	7.00	7.03		0.0
	1	76	7.23	7.22	7.09	7.20	7.21		0.0
	36	0	6.61	7.09	6.95	6.86	7.02	0-1	0.0
	36	21	6.88	6.97	7.02	6.93	6.97	0	0.0
	36	42	6.97	7.14	7.02	6.95	7.14	0-1	0.0
	75	0	6.91	7.13	7.05	6.93	6.97		0.0
DFT-s-OFDM 16QAM	1	1	6.46	7.05	7.07	7.03	7.01	0-1	0.0
CP-OFDM QPSK	1	1	6.36	7.31	7.22	7.05	7.13	0-1.5	0.0

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Table F-56
NR Band n41 MIMO3 Antenna Measured P_{limit} for DSI = 6 (Flat Body) - 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 $\pi/2$ BPSK	1	1	6.46	7.26	7.21	6.95	7.05	0	0.0
	1	26	6.79	7.16	6.96	6.78	6.96		0.0
	1	49	6.98	7.17	7.02	6.87	7.00		0.0
	25	0	6.62	7.20	7.11	6.79	7.00	0-0.5	0.0
	25	13	6.83	7.07	7.00	6.90	6.93	0	0.0
	25	26	6.90	7.09	6.95	6.88	6.94	0-0.5	0.0
	50	0	6.73	7.18	7.02	6.83	6.93		0.0
DFT-s-OFDM QPSK	1	1	6.42	7.17	7.07	6.91	7.05	0	0.0
	1	26	6.83	7.11	6.91	6.83	6.94		0.0
	1	49	7.08	7.20	6.95	7.02	7.03		0.0
	25	0	6.62	7.21	7.06	6.82	6.92	0-1	0.0
	25	13	6.85	7.17	6.98	6.89	6.91	0	0.0
	25	26	6.91	7.12	6.97	6.87	6.90	0-1	0.0
	50	0	6.77	7.14	7.01	6.89	6.92		0.0
DFT-s-OFDM 16QAM	1	1	6.36	7.30	7.04	6.87	7.00	0-1	0.0
CP-OFDM QPSK	1	1	6.48	7.33	7.19	7.03	7.23	0-1.5	0.0

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