

# APPENDIX H: 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<sub>limit</sub>, maximum tune up output power P<sub>max</sub>).

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.



See the original filling for all LTE/NR lower bandwidth RF conducted powers for bands that were not evaluated for this permissive change.

## H.1 NR Lower Bandwidth RF Conducted Powers

### H.1.1 NR Band n48

**Table H-1**  
**NR Band n48 Measured P<sub>Limit</sub> for all DSI – 30 MHz Bandwidth**

NR Band n48 30 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	16.63	16.67	16.61	16.63	0	0.0
	1	39	17.23	16.70	16.66	16.30		0.0
	1	76	17.05	16.49	16.60	16.35		0.0
	36	0	17.22	16.73	16.64	16.38	0-0.5	0.0
	36	21	17.18	16.58	16.62	16.15	0	0.0
	36	42	17.14	16.52	16.66	16.22	0-0.5	0.0
	75	0	17.29	16.65	16.73	16.27		0.0
DFT-s-OFDM QPSK	1	1	16.77	16.83	16.90	16.49	0	0.0
	1	39	17.36	16.81	16.87	16.20		0.0
	1	76	17.13	16.59	16.86	16.51		0.0
	36	0	17.15	16.74	16.89	16.37	0-1	0.0
	36	21	17.18	16.66	16.85	16.19	0	0.0
	36	42	17.17	16.61	16.85	16.50	0-1	0.0
	75	0	17.27	16.79	16.82	16.37		0.0
DFT-s-OFDM 16QAM	1	1	16.94	16.69	17.18	17.08	0-1	0.0
CP-OFDM QPSK	1	1	16.97	16.62	17.11	17.04	0-1.5	0.0



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Test Dates: 10/31/21 – 11/15/21	DUT Type: Portable Handset	APPENDIX H: Page 1 of 2		

**Table H-2**  
**NR Band n48 Measured P<sub>Limit</sub> for all DSI – 20 MHz Bandwidth**

NR Band n48 20 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.10	16.36	16.53	16.31	0	0.0
	1	26	17.09	16.43	16.52	16.13		0.0
	1	49	17.07	16.44	16.54	16.37		0.0
	25	0	17.16	16.33	16.59	16.15	0-0.5	0.0
	25	13	17.18	16.43	16.60	16.18	0	0.0
	25	26	17.15	16.43	16.60	16.28	0-0.5	0.0
	50	0	17.30	16.46	16.58	16.25		0.0
DFT-s-OFDM QPSK	1	1	17.13	16.34	16.56	16.33	0	0.0
	1	26	17.17	16.39	16.57	16.20		0.0
	1	49	17.17	16.38	16.59	16.43		0.0
	25	0	17.16	16.40	16.67	16.46	0-1	0.0
	25	13	17.24	16.51	16.63	16.26	0	0.0
	25	26	17.19	16.48	16.66	16.37	0-1	0.0
	50	0	17.27	16.56	16.68	16.42		0.0
DFT-s-OFDM 16QAM	1	1	17.01	16.87	17.09	16.76	0-1	0.0
CP-OFDM QPSK	1	1	16.81	16.67	16.95	16.61	0-1.5	0.0

**Table H-3**  
**NR Band n48 Measured P<sub>Limit</sub> for all DSI – 10 MHz Bandwidth**

NR Band n48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.08	16.31	16.72	16.27	0	0.0
	1	12	17.10	16.38	16.68	16.14		0.0
	1	22	17.10	16.43	16.62	16.33		0.0
	12	0	17.13	16.27	16.77	16.07	0-0.5	0.0
	12	6	17.09	16.32	16.79	16.22	0	0.0
	12	12	17.10	16.41	16.70	16.26	0-0.5	0.0
	24	0	17.08	16.29	16.74	16.19		0.0
DFT-s-OFDM QPSK	1	1	17.01	16.35	16.82	16.30	0	0.0
	1	12	17.09	16.36	16.79	16.09		0.0
	1	22	17.09	16.57	16.78	16.52		0.0
	12	0	17.16	16.59	16.81	16.45	0-1	0.0
	12	6	17.13	16.45	16.87	16.31	0	0.0
	12	12	17.14	16.53	16.75	16.33	0-1	0.0
	24	0	17.23	16.46	16.74	16.32		0.0
DFT-s-OFDM 16QAM	1	1	16.97	16.78	16.76	16.55	0-1	0.0
CP-OFDM QPSK	1	1	16.73	16.57	16.65	16.40	0-1.5	0.0

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Test Dates: 10/31/21 – 11/15/21	DUT Type: Portable Handset			APPENDIX H: Page 2 of 2