

Appendix G: Secondary Mode Conducted Powers

G.1. LTE Conducted Powers

LTE-M Band 12		Frequency [MHz]			707.5	MPR [dB]
Antenna:	LTE ANT	Channel Number			23095	
Bandwidth [MHz]:	10	Conducted Powers [dBm]				
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion		
Body/Extremity	16QAM	1	0	1	23.51	0
		1	2	3	23.52	0
		1	5	6	23.63	0
		3	0	1	23.60	0
		3	2	3	23.67	0
		3	3	6	23.68	0
		6	0	1	21.07	2
		6	0	3	21.09	2
		6	0	6	21.10	2

LTE-M Band 12		Frequency [MHz]			701.5	707.5	713.5	MPR [dB]
Antenna:	LTE ANT	Channel Number			23035	23095	23155	
Bandwidth [MHz]:	5	Conducted Powers [dBm]						
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion				
Body/Extremity	QPSK	1	0	Low	23.22	23.29	23.34	0
		1	2	1	23.26	23.38	23.42	0
		1	5	2	23.23	23.52	23.55	0
		3	0	Low	22.15	22.28	22.22	1
		3	2	1	22.31	22.40	22.30	1
		3	3	2	22.22	22.24	22.13	1
		6	0	Low	22.11	22.17	22.09	1
		6	0	1	22.09	22.18	22.08	1
		6	0	2	22.09	22.19	22.07	1
	16QAM	1	0	Low	23.42	23.54	23.04	0
		1	2	1	23.37	23.40	23.29	0
		1	5	2	23.46	23.43	23.35	0
		3	0	Low	22.39	22.52	22.15	1
		3	2	1	22.54	22.70	22.37	1
		3	3	2	22.45	22.52	22.24	1
		6	0	Low	21.11	21.12	20.94	2
		6	0	1	21.12	21.13	20.92	2
		6	0	2	21.13	21.10	20.90	2

LTE-M Band 12		Frequency [MHz]			700.5	707.5	714.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	3	Channel Number			23025	23095	23165	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.25	23.15	23.45	0
		1	0	High	23.18	23.20	23.41	0
		1	5	High	23.42	23.40	23.25	0
		3	0	Low	22.10	22.15	22.20	1
		3	0	High	22.07	22.11	22.12	1
		3	3	High	22.12	22.11	22.12	1
		6	0	Low	21.12	21.16	21.14	2
		6	0	High	21.09	21.18	21.18	2
	16QAM	1	0	Low	22.39	22.47	22.49	1
		1	0	High	22.41	22.40	22.33	1
		1	5	High	22.48	22.39	22.34	1
		3	0	Low	21.25	21.30	20.99	2
		3	0	High	21.26	21.38	20.98	2
		3	3	High	21.29	21.41	21.09	2
		6	0	Low	21.17	21.04	21.14	2
		6	0	High	21.19	21.05	21.15	2

LTE-M Band 12		Frequency [MHz]			699.7	707.5	715.3	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	1.4	Channel Number			23017	23095	23173	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	N/A	23.45	23.37	23.37	0
		1	2	N/A	23.67	23.66	23.29	0
		1	5	N/A	23.43	23.63	23.27	0
		3	0	N/A	22.25	22.26	22.22	1
		3	2	N/A	22.39	22.45	22.33	1
		3	3	N/A	22.35	22.31	22.26	1
		6	0	N/A	21.33	21.27	21.23	2
	16QAM	1	0	N/A	22.53	22.50	22.69	1
		1	2	N/A	22.59	22.57	22.68	1
		1	5	N/A	22.54	22.42	22.69	1
		3	0	N/A	21.37	21.43	21.14	2
		3	2	N/A	21.50	21.52	21.26	2
		3	3	N/A	21.40	21.32	21.24	2
		6	0	N/A	21.13	21.10	21.20	2

LTE-M Band 13		Frequency [MHz]			782	MPR [dB]
Antenna:	LTE ANT					
Bandwidth [MHz]:	10	Channel Number			23230	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]	
Body/Extremity	16QAM	1	0	1	23.39	0
		1	2	3	23.48	0
		1	5	6	23.42	0
		3	0	1	23.54	0
		3	2	3	23.67	0
		3	3	6	23.57	0
		6	0	1	20.96	2
		6	0	3	20.97	2
		6	0	6	21.00	2

LTE-M Band 13		Frequency [MHz]			782	MPR [dB]
Antenna:	LTE ANT					
Bandwidth [MHz]:	5	Channel Number			23230	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]	
Body/Extremity	QPSK	1	0	Low	23.33	0
		1	2	1	23.48	0
		1	5	2	23.45	0
		3	0	Low	22.35	1
		3	2	1	22.51	1
		3	3	2	22.38	1
		6	0	Low	22.29	1
		6	0	1	22.38	1
		6	0	2	22.28	1
	16QAM	1	0	Low	23.75	0
		1	2	1	23.66	0
		1	5	2	23.75	0
		3	0	Low	22.63	1
		3	2	1	22.80	1
		3	3	2	22.84	1
		6	0	Low	21.40	2
		6	0	1	21.41	2
		6	0	2	21.41	2

LTE-M Band 5		Frequency [MHz]			836.5	MPR [dB]
Antenna:	LTE ANT					
Bandwidth [MHz]:	10	Channel Number			20525	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]	
Body/Extremity	16QAM	1	0	1	23.20	0
		1	2	3	23.32	0
		1	5	6	23.31	0
		3	0	1	23.36	0
		3	2	3	23.54	0
		3	3	6	23.34	0
		6	0	1	20.95	2
		6	0	3	20.96	2
		6	0	6	20.95	2

LTE-M Band 5		Frequency [MHz]			826.5	836.5	846.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	5	Channel Number			20425	20525	20625	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.17	22.95	23.10	0
		1	2	1	23.25	23.13	23.28	0
		1	5	2	23.06	22.94	23.27	0
		3	0	Low	21.96	21.99	22.18	1
		3	2	1	22.10	22.16	22.15	1
		3	3	2	22.08	21.97	22.02	1
		6	0	Low	21.91	21.96	22.07	1
		6	0	1	21.91	21.97	22.08	1
		6	0	2	21.95	21.92	22.06	1
	16QAM	1	0	Low	23.21	23.36	23.06	0
		1	2	1	23.33	23.48	23.10	0
		1	5	2	23.35	23.38	23.15	0
		3	0	Low	22.33	22.34	22.14	1
		3	2	1	22.39	22.45	22.29	1
		3	3	2	22.32	22.35	22.10	1
		6	0	Low	20.92	20.94	20.91	2
		6	0	1	20.93	20.95	20.92	2
		6	0	2	20.94	20.98	20.93	2

LTE-M Band 5		Frequency [MHz]			825.5	836.5	847.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	3	Channel Number			20415	20525	20635	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.34	23.05	23.20	0
		1	0	High	23.38	23.06	23.22	0
		1	5	High	23.37	23.25	23.32	0
		3	0	Low	22.11	22.02	21.96	1
		3	0	High	22.03	22.02	21.95	1
		3	3	High	22.29	22.06	21.99	1
		6	0	Low	21.18	21.15	21.11	2
		6	0	High	21.21	21.11	21.16	2
	16QAM	1	0	Low	22.29	22.36	22.37	1
		1	0	High	22.34	22.39	22.39	1
		1	5	High	22.36	22.42	22.30	1
		3	0	Low	21.10	21.08	20.87	2
		3	0	High	21.12	21.06	20.91	2
		3	3	High	21.09	21.22	21.01	2
		6	0	Low	20.92	21.19	21.08	2
		6	0	High	20.95	20.90	21.12	2

LTE-M Band 5		Frequency [MHz]			824.7	836.5	848.3	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	1.4	Channel Number			20407	20525	20643	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	N/A	23.26	23.11	23.22	0
		1	2	N/A	23.64	23.67	23.12	0
		1	5	N/A	23.52	23.55	23.08	0
		3	0	N/A	22.13	22.23	21.93	1
		3	2	N/A	22.33	22.35	22.21	1
		3	3	N/A	22.20	22.24	22.05	1
		6	0	N/A	21.16	21.18	21.07	2
	16QAM	1	0	N/A	22.29	22.33	21.84	1
		1	2	N/A	22.39	22.39	21.88	1
		1	5	N/A	22.37	22.41	21.90	1
		3	0	N/A	21.20	21.23	20.90	2
		3	2	N/A	21.42	21.41	21.10	2
		3	3	N/A	21.32	21.27	21.11	2
		6	0	N/A	21.00	21.00	21.04	2

LTE-M Band 4		Frequency [MHz]			1732.5	MPR [dB]
Antenna:	LTE ANT					
Bandwidth [MHz]:	20	Channel Number			20175	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]	
Body/Extremity	16QAM	1	0	1	23.51	0
		1	0	7	23.45	0
		1	5	14	23.38	0
		3	0	1	23.32	0
		3	0	7	23.40	0
		3	3	14	23.39	0
		6	0	1	23.02	0
		6	0	7	23.12	0
		6	0	14	23.14	0

LTE-M Band 4		Frequency [MHz]			1717.5	1732.5	1747.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	15	Channel Number			20025	20175	20325	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	1	23.30	23.17	23.21	0
		1	0	5	23.32	23.29	23.19	0
		1	5	10	23.24	23.23	23.21	0
		3	0	1	23.09	23.03	23.13	0
		3	0	5	23.11	23.03	23.21	0
		3	3	10	22.95	23.02	23.20	0
		6	0	1	23.02	23.01	23.08	0
		6	0	5	23.06	23.11	23.14	0
		6	0	10	23.00	23.01	23.08	0
	16QAM	1	0	1	23.45	23.28	23.40	0
		1	0	5	23.43	23.41	23.45	0
		1	5	10	23.32	23.35	23.71	0
		3	0	1	23.33	23.37	23.44	0
		3	0	5	23.33	23.42	23.53	0
		3	3	10	23.32	23.40	23.44	0
		6	0	1	23.11	23.03	23.05	0
		6	0	5	23.19	23.10	23.10	0
		6	0	10	23.10	23.07	23.25	0

LTE-M Band 4		Frequency [MHz]			1715	1732.5	1750	MPR [dB]
Antenna: LTE ANT		Channel Number			20000	20175	20350	
Bandwidth [MHz]: 10		Channel Number			20000	20175	20350	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	1	23.43	23.36	23.20	0
		1	2	3	23.57	23.47	23.45	0
		1	5	6	23.44	23.43	23.00	0
		3	0	1	23.28	23.26	23.29	0
		3	2	3	23.55	23.30	23.46	0
		3	3	6	23.32	23.20	23.10	0
		6	0	1	22.35	22.11	22.15	1
		6	0	3	22.36	22.21	22.17	1
		6	0	6	22.34	22.27	22.10	1
	16QAM	1	0	1	23.46	23.19	23.52	0
		1	2	3	23.61	23.48	23.66	0
		1	5	6	23.45	23.41	23.38	0
		3	0	1	23.46	23.60	23.49	0
		3	2	3	23.59	23.65	23.68	0
		3	3	6	23.65	23.50	23.44	0
		6	0	1	21.21	21.04	21.35	2
		6	0	3	21.19	21.06	21.38	2
		6	0	6	21.20	21.08	21.12	2

LTE-M Band 4		Frequency [MHz]			1712.5	1732.5	1752.5	MPR [dB]
Antenna: LTE ANT		Channel Number			19975	20175	20375	
Bandwidth [MHz]: 5		Channel Number			19975	20175	20375	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.29	23.34	23.43	0
		1	2	1	23.37	23.39	23.56	0
		1	5	2	23.25	23.27	23.36	0
		3	0	Low	22.31	22.29	22.30	1
		3	2	1	22.48	22.47	22.47	1
		3	3	2	22.24	22.41	22.12	1
		6	0	Low	22.30	22.25	22.26	1
		6	0	1	22.30	22.26	22.34	1
		6	0	2	22.29	22.28	22.06	1
	16QAM	1	0	Low	23.46	23.44	23.12	0
		1	2	1	23.47	23.56	23.25	0
		1	5	2	23.57	23.55	23.18	0
		3	0	Low	22.58	22.59	22.29	1
		3	2	1	22.78	22.75	22.54	1
		3	3	2	22.68	22.66	22.30	1
		6	0	Low	21.20	21.25	21.07	2
		6	0	1	21.18	21.31	21.05	2
		6	0	2	21.29	21.31	20.92	2

LTE-M Band 4		Frequency [MHz]			1711.5	1732.5	1753.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	3	Channel Number			19965	20175	20385	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.28	23.57	23.48	0
		1	0	High	23.31	23.62	23.45	0
		1	5	High	23.49	23.50	23.30	0
		3	0	Low	22.42	22.53	22.33	1
		3	0	High	22.39	22.47	22.34	1
		3	3	High	22.41	22.42	22.33	1
		6	0	Low	21.46	21.51	21.28	2
		6	0	High	21.45	21.50	21.31	2
	16QAM	1	0	Low	22.63	22.65	22.54	1
		1	0	High	22.64	22.64	22.56	1
		1	5	High	22.68	22.65	22.52	1
		3	0	Low	21.40	21.41	21.06	2
		3	0	High	21.42	21.42	21.07	2
		3	3	High	21.39	21.46	21.24	2
		6	0	Low	21.24	21.32	21.28	2
		6	0	High	21.29	21.28	21.26	2

LTE-M Band 4		Frequency [MHz]			1710.7	1732.5	1754.3	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	1.4	Channel Number			19957	20175	20393	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	N/A	23.39	23.56	23.20	0
		1	2	N/A	23.80	23.85	23.26	0
		1	5	N/A	23.68	23.64	23.27	0
		3	0	N/A	22.49	22.42	22.25	1
		3	2	N/A	22.60	22.55	22.33	1
		3	3	N/A	22.40	22.48	22.38	1
		6	0	N/A	21.30	21.36	21.32	2
	16QAM	1	0	N/A	22.63	22.39	22.66	1
		1	2	N/A	22.70	22.71	22.96	1
		1	5	N/A	22.55	22.66	22.90	1
		3	0	N/A	21.42	21.39	21.22	2
		3	2	N/A	21.66	21.63	21.44	2
		3	3	N/A	21.54	21.53	21.36	2
		6	0	N/A	21.28	21.27	21.28	2

LTE-M Band 2		Frequency [MHz]			1860	1880	1900	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	20	Channel Number			18700	18900	19100	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	16QAM	1	0	1	23.28	23.01	23.63	0
		1	0	7	23.35	23.21	23.71	0
		1	5	14	23.33	23.20	23.66	0
		3	0	1	23.11	23.11	23.00	0
		3	0	7	23.19	23.26	23.07	0
		3	3	14	23.17	23.10	23.27	0
		6	0	1	22.87	23.03	23.10	0
		6	0	7	22.97	23.17	23.29	0
		6	0	14	22.92	23.07	23.30	0

LTE-M Band 2		Frequency [MHz]			1857.5	1880	1902.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	15	Channel Number			18675	18900	19125	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	1	23.15	23.05	23.07	0
		1	0	5	23.23	23.10	23.10	0
		1	5	10	23.30	23.08	23.09	0
		3	0	1	22.89	23.06	22.96	0
		3	0	5	22.97	23.11	23.03	0
		3	3	10	22.90	23.00	22.95	0
		6	0	1	22.86	22.93	22.97	0
		6	0	5	22.92	22.98	23.00	0
		6	0	10	22.90	22.91	22.99	0
	16QAM	1	0	1	23.40	23.51	23.27	0
		1	0	5	23.35	23.59	23.63	0
		1	5	10	23.38	23.50	23.26	0
		3	0	1	23.09	22.90	23.18	0
		3	0	5	23.17	22.94	23.25	0
		3	3	10	23.22	23.08	23.21	0
		6	0	1	22.87	23.09	23.27	0
		6	0	5	22.86	23.16	23.31	0
		6	0	10	22.83	23.09	23.31	0

LTE-M Band 2		Frequency [MHz]			1855	1880	1905	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	10	Channel Number			18650	18900	19150	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	1	23.21	23.24	23.36	0
		1	2	3	23.18	23.22	23.56	0
		1	5	6	23.15	23.13	23.34	0
		3	0	1	23.02	23.01	23.15	0
		3	2	3	23.16	23.04	23.21	0
		3	3	6	22.99	22.81	22.98	0
		6	0	1	21.92	21.92	22.15	1
		6	0	3	21.83	21.88	22.16	1
		6	0	6	21.83	21.90	22.23	1
	16QAM	1	0	1	23.55	23.68	23.83	0
		1	2	3	23.55	23.98	23.91	0
		1	5	6	23.48	23.80	23.90	0
		3	0	1	23.12	23.28	23.29	0
		3	2	3	23.28	23.41	23.43	0
		3	3	6	23.10	23.30	23.29	0
		6	0	1	21.31	21.58	21.43	2
		6	0	3	21.30	21.60	21.52	2
		6	0	6	21.30	21.58	21.56	2

LTE-M Band 2		Frequency [MHz]			1852.5	1880	1907.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	5	Channel Number			18625	18900	19175	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.23	23.33	23.52	0
		1	2	1	23.30	23.35	23.53	0
		1	5	2	23.23	23.28	23.56	0
		3	0	Low	22.29	22.28	22.28	1
		3	2	1	22.34	22.43	22.49	1
		3	3	2	22.16	22.23	22.31	1
		6	0	Low	22.27	22.25	22.28	1
		6	0	1	22.30	22.26	22.31	1
		6	0	2	22.25	22.25	22.31	1
	16QAM	1	0	Low	23.66	23.67	23.88	0
		1	2	1	23.62	23.62	23.93	0
		1	5	2	23.52	23.63	23.87	0
		3	0	Low	22.46	22.49	22.38	1
		3	2	1	22.49	22.66	22.53	1
		3	3	2	22.63	22.59	22.39	1
		6	0	Low	21.36	21.24	21.55	2
		6	0	1	21.26	21.23	21.54	2
		6	0	2	21.11	21.26	21.53	2

LTE-M Band 2		Frequency [MHz]			1851.5	1880	1908.5	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	3	Channel Number			18615	18900	19185	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	Low	23.61	23.50	23.38	0
		1	0	High	23.57	23.46	23.36	0
		1	5	High	23.62	23.48	23.26	0
		3	0	Low	22.23	22.29	22.38	1
		3	0	High	22.15	22.31	22.36	1
		3	3	High	22.32	22.31	22.28	1
		6	0	Low	21.38	21.49	21.56	2
		6	0	High	21.23	21.34	21.54	2
	16QAM	1	0	Low	22.41	22.18	22.66	1
		1	0	High	22.46	22.19	22.65	1
		1	5	High	22.46	22.24	22.60	1
		3	0	Low	21.44	21.16	21.10	2
		3	0	High	21.36	21.17	21.11	2
		3	3	High	21.35	21.32	21.24	2
		6	0	Low	21.02	21.21	21.32	2
		6	0	High	21.07	21.25	21.40	2

LTE-M Band 2		Frequency [MHz]			1850.7	1880	1909.3	MPR [dB]
Antenna:	LTE ANT							
Bandwidth [MHz]:	1.4	Channel Number			18607	18900	19193	
Exposure Condition	Modulation	RB Size	RB Offset	NB Postion	Conducted Powers [dBm]			
Body/Extremity	QPSK	1	0	N/A	23.29	23.40	23.51	0
		1	2	N/A	23.69	23.58	23.31	0
		1	5	N/A	23.57	23.56	23.35	0
		3	0	N/A	22.35	22.30	22.26	1
		3	2	N/A	22.41	22.49	22.53	1
		3	3	N/A	22.24	22.46	22.51	1
		6	0	N/A	21.26	21.27	21.39	2
	16QAM	1	0	N/A	22.49	22.39	22.84	1
		1	2	N/A	22.57	22.73	22.91	1
		1	5	N/A	22.37	22.57	22.80	1
		3	0	N/A	21.26	21.46	21.17	2
		3	2	N/A	21.52	21.83	21.38	2
		3	3	N/A	21.35	21.63	21.41	2
		6	0	N/A	21.08	21.33	21.33	2