

Date: 3/10/2013

FCC ID: V65C6721A1 LTE MPR Information

MPR for LTE is permanently implemented for all the channel BWs, modulations, frequency bands and RB sizes per 3GPP TS 36.101 as indicated in the Technical Description. The device will not operate beyond these levels with MPR. The following are expected MPR for this device:

LTE Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	MPR Allowed per 3GPP [dB]
			1	0	0	0
			1	12	0	0
			1	24	0	0
		QPSK	12	0	1	0-1
			12	6	1	0-1
			12	13	1	0-1
17	5		25	0	1	0-1
17	9		1	0	1	0-1
			1	12	1	0-1
		16-QAM	1	24	1	0-1
			12	0	2	0-2
			12	6	2	0-2
			12	13	2	0-2
			25	0	2	0-2
	10	QPSK	1	0	0	0
			1	25	0	0
			1	49	0	0
			25	0	1	0-1
			25	12	1	0-1
			25	25	1	0-1
47			50	0	1	0-1
17			1	0	1	0-1
		16-QAM	1	25	1	0-1
			1	49	1	0-1
			25	0	2	0-2
			25	12	2	0-2
			25	25	2	0-2
			50	0	2	0-2

LTE Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	MPR Allowed per 3GPP [dB]
			1	0	0	0
			1	2	0	0
			1	5	0	0
		QPSK	3	0	0	0
			3	2	0	0
			3	3	0	0
2	1.4		6	0	1	0-1
			1	0	1	0-1
			1	2 5	1	0-1 0-1
		16-QAM	3	0	1	0-1
		10-QAW	3	2	1	0-1
			3	3	1	0-1
			6	0	2	0-2
			1	0	0	0
			1	7	ō	0
			1	14	ő	Ö
		QPSK	8	0	1	0-1
			8	4	1	0-1
			8	7	1	0-1
2	3		15	0	1	0-1
	3		1	0	1	0-1
			1	7	1	0-1
			1	14	1	0-1
		16-QAM	8	0	2	0-2
			8	4	2	0-2
			8	7	2	0-2
			15	0	2	0-2
			1	0	0	0
			1	12	0	0
	5	QPSK	1	24	0	0
		QF3K	12 12	6	1	0-1 0-1
			12	13	1	0-1
_			25	0	1	0-1
2			1	0	1	0-1
		16-QAM	1	12	1	0-1
			1	24	1	0-1
			12	0	2	0-2
			12	6	2	0-2
			12	13	2	0-2
			25	0	2	0-2
	10	QPSK	1	0	0	0
2			1	25	0	0
			1	49	0	0
			25	0	1	0-1
			25	12	1	0-1
			25	25	1	0-1
			50	0	1	0-1
		16-QAM	1	0	1	0-1
			1	25	1	0-1
			1 25	49	1 2	0-1
			25 25	0 12	2	0-2 0-2
			25	25	2	0-2
			50	0	2	
			90	U U	2	0-2

LTE Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	MPR Allowed per 3GPP [dB]
			1	0	0	0
			1	2	0	0
			1	5	0	0
		QPSK	3	0	0	0
			3	2	0	0
			3	3	0	0
4	1.4		6	0	1	0-1
			1	0 2	1	0-1 0-1
			1	5	1 1	0-1
		16-QAM	3	0	1	0-1
		10-QAW	3	2	1	0-1
			3	3	1	0-1
			6	ő	2	0-2
			1	0	0	0
			1	7	Ö	ő
			1	14	ō	0
		QPSK	8	0	1	0-1
			8	4	1	0-1
			8	7	1	0-1
4	3		15	0	1	0-1
4	3		1	0	1	0-1
			1	7	1	0-1
			1	14	1	0-1
		16-QAM	8	0	2	0-2
			8	4	2	0-2
			8	7	2	0-2
			15	0	2	0-2
			1	0	0	0
			1	12	0	0
	5	QPSK	12	24 0	0	0-1
		QFSK	12	6	1	0-1
			12	13	1	0-1
4			25	0	1	0-1
		16-QAM	1	ō	1	0-1
			1	12	1	0-1
			1	24	1	0-1
			12	0	2	0-2
			12	6	2	0-2
			12	13	2	0-2
	4 10	QPSK	1	0	0	0
			1	25	0	0
			1	49	0	0
			25	0	1	0-1
			25	12	1	0-1
			25 50	25	1 1	0-1 0-1
4		16-QAM	1	0	1 1	0-1
			1	25	1 1	0-1
			1	49	1	0-1
			25	0	2	0-2
			25	12	2	0-2
			25	25	2	0-2
			50	0	2	0-2

LTE Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	MPR Allowed per 3GPP [dB]
			1	0	0	0
			1	2	0	0
			1	5	0	0
		QPSK	3	0	0	0
			3	2	0	0
			3	3	0	0
5	1.4		6	0	1	0-1
,	1		1	0	1	0-1
			1	2	1	0-1
			1	5	1	0-1
		16-QAM	3	0	1	0-1
			3	2	1	0-1
			3	3	1	0-1
			6	0	2	0-2
			1	0	0	0
			1	7	0	0
			1	14	0	0
		QPSK	8	0	1	0-1
			8	4	1	0-1
			8	7	1	0-1
5	3		15	0	1	0-1
			1	7	1	0-1
			1	14	1	0-1 0-1
		16-QAM	8	0	2	0-1
		16-QAIVI	8	4	2	0-2
			8	7	2	0-2
			15	ó	2	0-2
			1	ō	0	0
			1	12	ō	ō
			1	24	ő	ő
	5	QPSK	12	0	1	0-1
			12	6	1	0-1
			12	13	1	0-1
_			25	0	1	0-1
5		16-QAM	1	0	1	0-1
			1	12	1	0-1
			1	24	1	0-1
			12	0	2	0-2
			12	6	2	0-2
			12	13	2	0-2
			25	0	2	0-2
	10		1	0	0	0
5		QPSK	1	25	0	0
			1	49	0	0
			25	0	1	0-1
			25 26	12	1	0-1
			25 50	25 0	1	0-1 0-1
			1	0	1	0-1
		16-QAM	1	25	1	0-1
			1	49	1	0-1
			25	0	2	0-2
			25	12	2	0-2
			25	25	2	0-2
			50	ō	2	0-2

LTE Band	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Target MPR [dB]	MPR Allowed per 3GPP [dB]
			1	0	0	0
			1	2	0	0
			1	5	0	0
		QPSK	3	0	0	0
			3	2	0	0
			3	3	0	0
12	1.4		6	0	1	0-1
			1	0 2	1	0-1 0-1
			1	5	1	0-1
		16-QAM	3	0	1	0-1
		10-QAW	3	2	1	0-1
			3	3	1	0-1
			6	0	2	0-2
			1	0	0	0
			1	7	0	0
			1	14	0	0
		QPSK	8	0	1	0-1
			8	4	1	0-1
			8	7	1	0-1
12	3		15	0	1	0-1
			1	0	1	0-1
			1	7	1	0-1
		46 0 4 14	1	14	1	0-1
		16-QAM	8	0 4	2	0-2 0-2
			8	7	2	0-2
			15	ó	2	0-2
			1	ő	0	ő
			1	12	ŏ	ő
	5		1	24	ŏ	ŏ
		QPSK	12	0	1	0-1
			12	6	1	0-1
			12	13	1	0-1
12			25	0	1	0-1
12		16-QAM	1	0	1	0-1
			1	12	1	0-1
			1	24	1	0-1
			12	0	2	0-2
			12	6	2	0-2
			12	13	2	0-2
			25	0		0-2
			1	0 25	0	0
	10	QPSK	1	49	0	0
			25	0	1	0-1
			25	12	1	0-1
			25	25	1	0-1
40			50	0	1	0-1
12		16-QAM	1	0	1	0-1
			1	25	1	0-1
			1	49	1	0-1
			25	0	2	0-2
			25	12	2	0-2
			25	25	2	0-2
			50	0	2	0-2