

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]
17	5	QPSK	1	0	0	0
			1	12	0	0
			1	24	0	0
			12	0	1	0-1
			12	6	1	0-1
			12	13	1	0-1
			25	0	1	0-1
		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
17	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
			50	0	1	0-1
		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

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

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

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

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