

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: Comment Resolution CID 3022, LB-101

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Abstract: Comment Resolution

Purpose: Comment Resolution for CID 3022 of LB101

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CID 3022:**Comment:**

A lot of the TotalNumChan values in Table 166 seem off by one. Recall that your system is to start counting at zero, so the highest channel number is TotalNumChan - 1.

Proposed change:

Check the values and correct if necessary.

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Resolution (1): The table has been checked using a spreadsheet. The corrections are provided in **RED**. $TNC = ((Band_stop - ChanCenterFreq0)/Channel_Spacing)+1$

The corrected TotalNumChan is the truncated version of TNC

Band start	ChanCenterFreq	Channel spacing	Band stop	TNC	Corrected TotalNumChan
169.4000	169.4063	0.012500	169.4750	6.5	6
169.4000	169.4125	0.025000	169.4750	3.5	3
433.0500	433.0625	0.012500	434.7900	139.2	139
433.0500	433.0750	0.025000	434.7900	69.6	69
433.0500	433.2500	0.200000	434.7900	8.7	8
450.0000	450.0063	0.012500	470.0000	1600.5	1600
450.0000	450.0125	0.025000	470.0000	800.5	800
450.0000	450.1000	0.200000	470.0000	100.5	100
450.0000	450.2000	0.400000	470.0000	50.5	50
450.0000	450.5000	1.000000	470.0000	20.5	20
450.0000	450.2500	0.500000	470.0000	40.5	40
450.0000	451.0000	2.000000	470.0000	10.5	10
470.0000	470.0250	0.025000	510.0000	1600	1600
470.0000	470.2000	0.200000	510.0000	200	200
470.0000	470.4000	0.400000	510.0000	100	100
470.0000	471.0000	1.000000	510.0000	40	40
470.0000	470.5000	0.500000	510.0000	80	80
470.0000	472.0000	2.000000	510.0000	20	20

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Resolution (2):

Band start	ChanCenterFreq	Channel spacing	Band stop	TNC	Corrected TotalNumChan
779.0000	779.2000	0.200000	787.0000	40	40
779.0000	779.4000	0.400000	787.0000	20	20
779.0000	780.0000	1.000000	787.0000	8	8
779.0000	779.5000	0.500000	787.0000	16	16
863.0000	863.1250	0.200000	876.0000	65.375	65
863.0000	863.2250	0.400000	876.0000	32.9375	32
863.0000	864.0000	1.000000	876.0000	13	13
863.0000	863.5000	0.500000	876.0000	26	26
863.0000	865.0000	2.000000	876.0000	6.5	6
896.0000	896.0125	0.012500	901.0000	400	400
896.0000	896.0250	0.025000	901.0000	200	200
896.0000	896.5000	0.500000	901.0000	10	10
901.0000	901.0125	0.012500	902.0000	80	80
901.0000	901.0250	0.025000	902.0000	40	40
902.0000	902.2000	0.200000	928.0000	130	130
902.0000	902.4000	0.400000	928.0000	65	65
902.0000	903.0000	1.000000	928.0000	26	26
902.0000	902.5000	0.500000	928.0000	52	52
902.0000	904.0000	2.000000	928.0000	13	13

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Resolution (3):

Band start	ChanCenterFreq	Channel spacing	Band stop	TNC	Corrected TotalNumChan
916.0000	916.0000	0.100000	928.0000	121	121
917.0000	917.1000	0.200000	923.5000	33	33
917.0000	917.3000	0.400000	923.5000	16.5	16
917.0000	917.5000	0.500000	923.5000	13	13
928.0000	928.0125	0.2	960.0000	160.9375	160
1427.0000	1427.0125	0.2	1518.0000	455.9375	455
2400.0000	2400.2000	0.2	2483.5000	417.5	417
2400.0000	2400.4000	0.4	2483.5000	208.75	208
2400.0000	2401.0000	1	2483.5000	83.5	83
2400.0000	2400.5000	0.5	2483.5000	167	167
2400.0000	2402.0000	2	2483.5000	41.75	41

Note: All MCS mentioned in the 916 to 928 MHz band can be combined in one row (see ARIB STD-T108 Ver. 1.0E2)