

Changes required for
additional receiver interference tolerance test
with low frequency jitter

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In Annex 69A.2.1 (page 191, line 17)

replace:

“sinusoidal jitter at a frequency no less than $1/250$ of signaling speed,”

with:

“ sinusoidal jitter at a frequency no less than the frequency specified for the port type being tested,”

In Clause 70.7.2.1 (page 71, line 3)

replace:

“The receiver interference tolerance shall be measured as described in Annex 69A with the parameters specified in Table 70-7.”

with:

“The receiver interference tolerance shall consist of two separate tests as described in Annex 69A with the parameters specified in Table 70-7.
“

In table 70-7 add 1 one row labeled “Frequency of Sinusoidal jitter”, with units of Khz, and 1 column labeled “Test 2 values”, rename value column “Test 1 values”. “Test 2 values” data is identical to existing “Test 1 values” except

Parameter	Test 1 values	Test 2 values
Frequency of Sinusoidal jitter	5000	75
Applied Sinusoidal jitter (min peak-peak)	0.100	1.000

In Clause 71.7.2.1 (page 87, line 23)

replace:

“The receiver interference tolerance shall be measured as described in Annex 69A with the parameters specified in Table 71-7.”

with:

“The receiver interference tolerance shall consist of two separate tests as described in Annex 69A with the parameters specified in Table 71-7.
“

In table 71-7 add 1 one row labeled “Frequency of Sinusoidal jitter”, with units of Khz, and 1 column labeled “Test 2 values”, rename value column “Test 1 values”. “Test 2 values” data is identical to existing “Test 1 values” except

Parameter	Test 1 values	Test 2 values
Frequency of Sinusoidal jitter	12500	188
Applied Sinusoidal jitter (min peak-peak)	0.170	1.700

In Clause 72.7.2.1 (page 87, line 23)

replace:

“The receiver interference tolerance shall consist of two separate tests be measured as described in Annex 69A with the parameters specified in Table 72-10.”

with:

“The receiver interference tolerance shall consist of three separate tests as described in Annex 69A with the parameters specified in Table 71-7.

“

In table 72-10 add 1 one row labeled “Frequency of Sinusoidal jitter”, with units of Mhz, and 1 column labeled “Test 3 values”. “Test 1 values”, “Test 2 values”, and “Test 3 values” are identical except:

Parameter	Test 1 values	Test 2 values	Test 2 values
m_{CT}	1	0.5	1
Amplitude of broadband noise (min. RMS)	5.2	12	5.2
Frequency of Sinusoidal jitter	41.3	41.3	0.4
Applied Sinusoidal jitter (min peak-peak)	0.115	0.115	1.150