

Designation : M HF's LAN/DSL Alien 28 pairs at 4 pair frame (4P near+ 4far) no limits complete
 Testorder : Alien 28P at 4P CF
 Length : 100m Temp : 20°C Test Date/Time : 2017-08-17 14:14:05

Sample-ID-No. : 000008OTU9

Customer :
 Cable type :
 Specification :
 Drum no. :
 Order number :
 Operator :

Test Result: PASS

Final inspection

Worst Case Summary

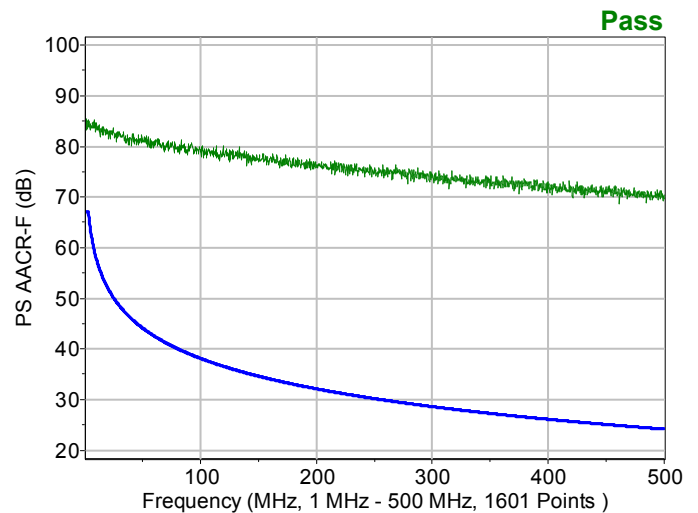
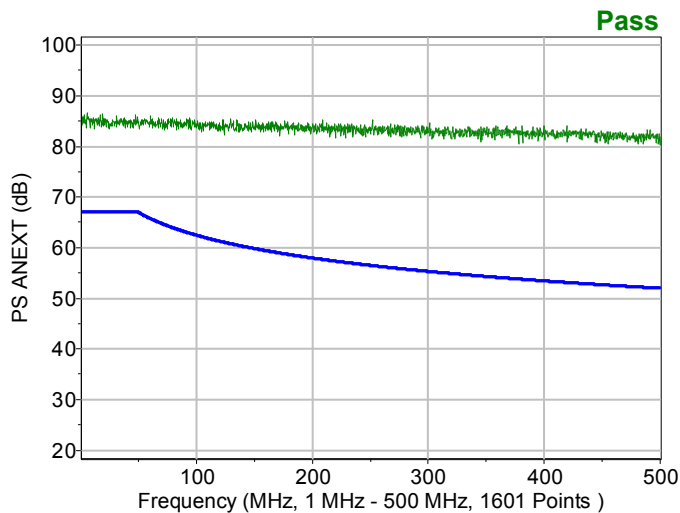
{ v = Value l = Limit m = Margin f = Frequency (MHz) p = Pair / Combo < = Lower Limit > = Upper Limit }

Parameter	Frequency Points	Minimum { v [f] p }	Maximum { v [f] p }	Min. Margin { m (v l) [f] p }	Result
PS ANEXT (dB)	1-500 1601	80.3 [499.7] 2	86.6 [5.99] 1	16.4 (83.4 < 67.0) [12.23] 4	✓
PS AACR-F (dB)	1-500 1601	68.7 [461.3] 3	85.4 [1.936] 4	16.3 (83.3 < 67.0) [1.624] 1	✓

Legend

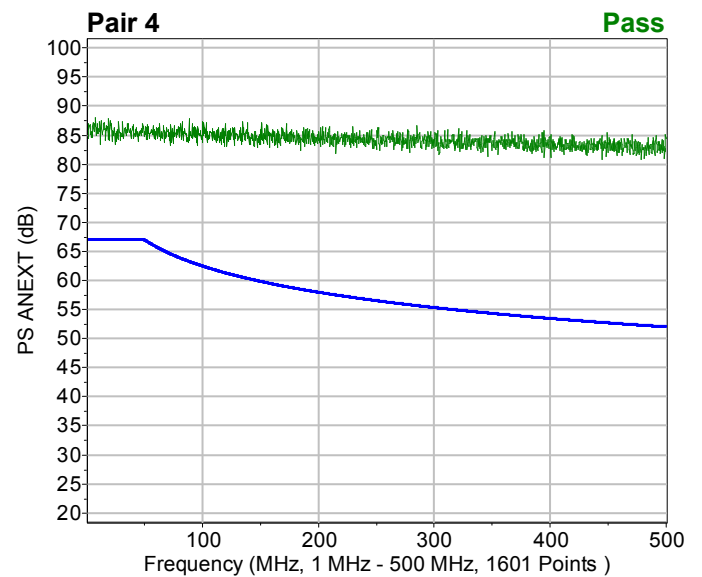
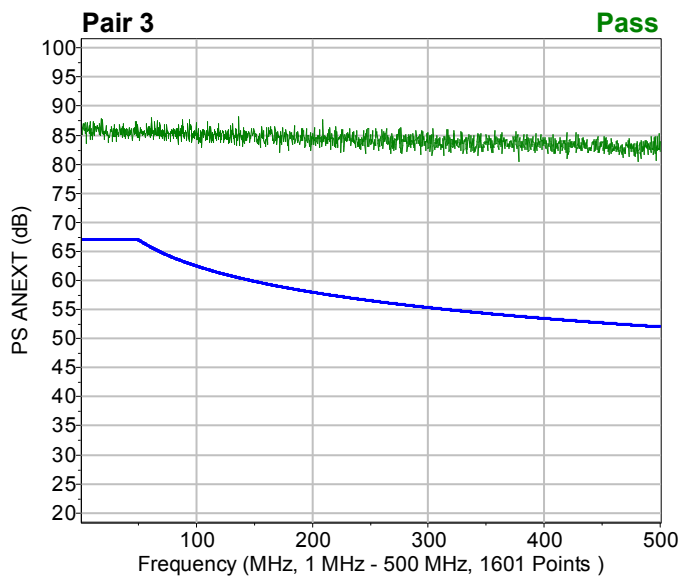
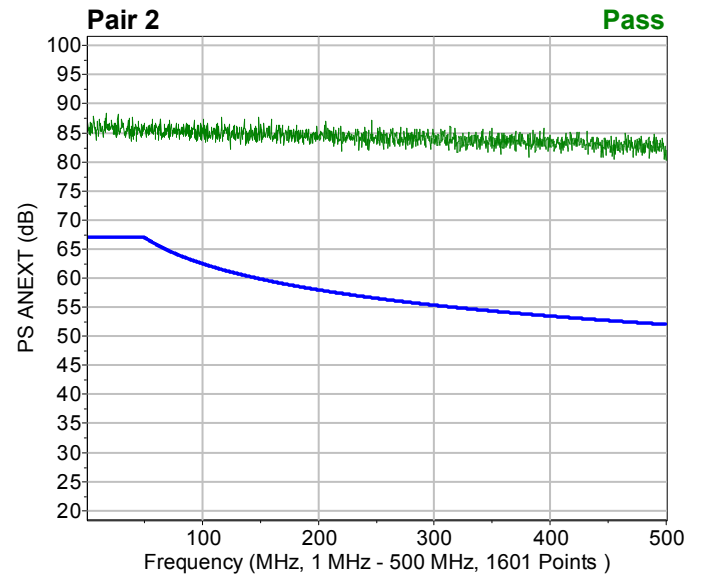
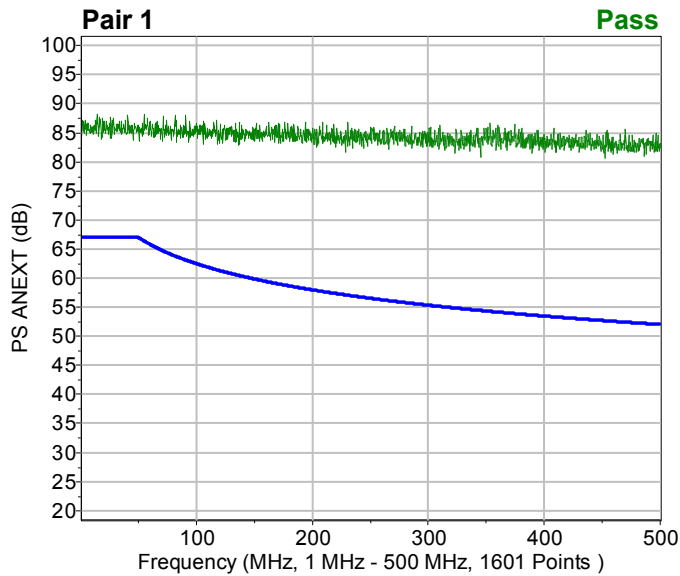
PS ANEXT = Power Sum Alien NEXT

PS AACR-F = Power Sum Alien ACR-F



**Summary and Graphic: Power Sum Alien NEXT (PS ANEXT)**{ v = Value (dB) l = Limit (dB) m = Margin (dB) f = Frequency (MHz) }

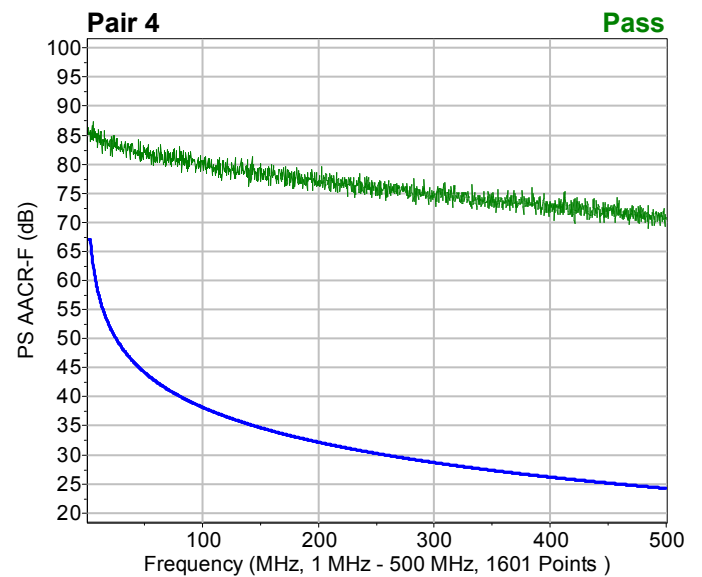
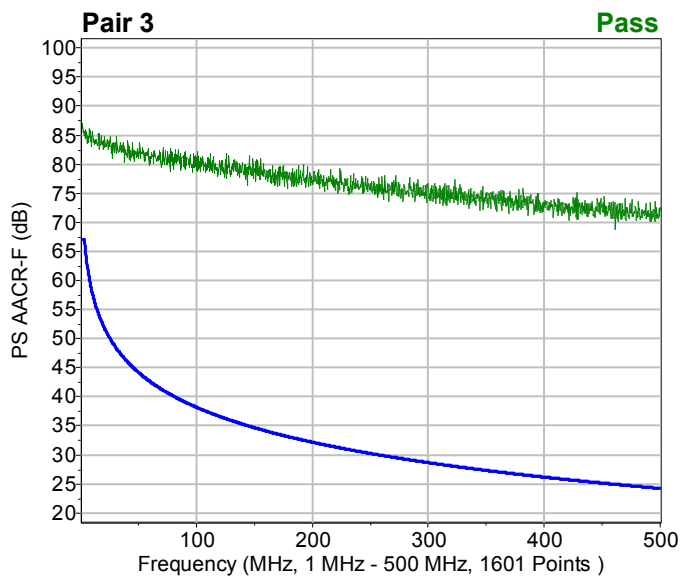
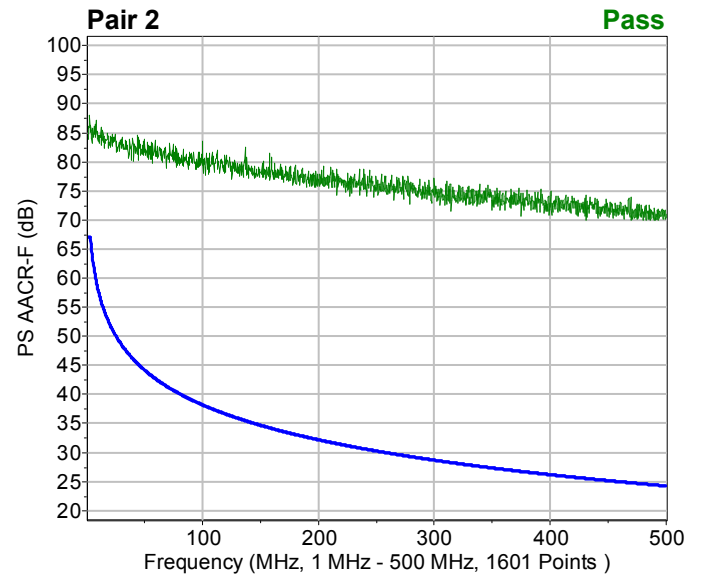
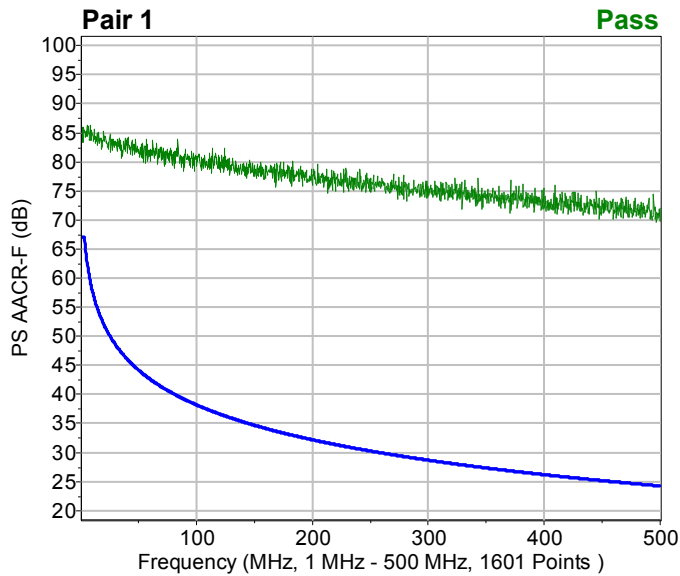
Pair	Start f	Stop f	Points	Minimum { v [f] }	Maximum { v [f] }	Min. Margin { m (v l) [f] }	Result
1	1	500	1601	80.7 [452.6]	88.3 [55.27]	16.6 (83.5 < 66.9) [50.9]	✓
2	1	500	1601	80.3 [499.7]	88.3 [17.22]	16.6 (83.6 < 67.0) [43.41]	✓
3	1	500	1601	80.5 [480.7]	88.1 [136.7]	16.6 (83.6 < 67.0) [5.366]	✓
4	1	500	1601	80.8 [444.8]	88.0 [8.173]	16.4 (83.4 < 67.0) [12.23]	✓



Summary and Graphic: Power Sum Alien ACR-F (PS AACR-F)

{ v = Value (dB) l = Limit (dB) m = Margin (dB) f = Frequency (MHz) }

Pair	Start f	Stop f	Points	Minimum { v [f] }	Maximum { v [f] }	Min. Margin { m (v l) [f] }	Result
1	1	500	1601	69.7 [496.9]	86.5 [1.312]	16.3 (83.3 < 67.0) [1.624]	✓
2	1	500	1601	69.9 [490.6]	88.0 [2.871]	16.9 (83.9 < 67.0) [1.624]	✓
3	1	500	1601	68.7 [461.3]	87.4 [1.312]	17.9 (84.9 < 67.0) [3.183]	✓
4	1	500	1601	68.9 [484.7]	87.3 [5.99]	16.9 (83.9 < 67.0) [3.495]	✓



Final control authorized signature: