Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P7_S.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:24 p. m.
Versión: 1.3.2

Sumario:

Todos los cables	Par trenzado	Coax/Twinax	Fibra
Total: 4	Total: 4	Total: 0	Total: 0
Pasa: 4	Pasa: 4	Pasa: 0	Pasa: 0
Falla: 0	Falla: 0	Falla: 0	Falla: 0
Longitúd total: 128,6m	Longitúd total: 128,6m	Longitúd total: 0m	Longitúd total: 0m

Pasa

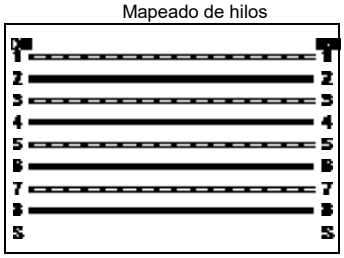
Nombrede la medida: D01
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

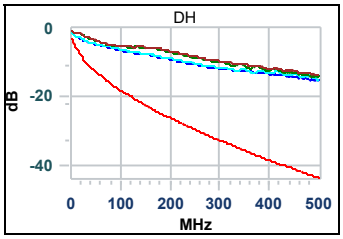
Fecha de la medida: 24/5/2021
Hora de la medida: 13:40:53
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen		Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✓	N/D		N/D	N/D	N/D					
Longitúd	✓	41,5 m.		5,4	90,0 m.	48,5 m.					
Resistencia DC	✓	6,0 ohms		1,2	20,0 ohms	14,0 ohms					
Retarde de propagación	✓	204,5 ns		3,6	498,0 ns	293,5 ns					
Desviación de retardo	✓	12,5 ns		3,6	44,0 ns	31,5 ns					
Atenuación	✓	1,3 dB @ 3,0MHz	DH	1,2	< 3,1 dB	1,8 dB	DH	1,2	15,2 dB @ 499,0MHz	< 43,7 dB	28,5 dB
Pérdida de retorno	✓	11,8 dB @ 308,0MHz	DH	3,6	> 9,1 dB	2,7 dB	DH	3,6	11,4 dB @ 370,0MHz	> 8,3 dB	3,1 dB
NEXT	✓	30,0 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	3,3 dB	DH	7,8-3,6	30,0 dB @ 500,0MHz	> 26,7 dB	3,3 dB
ACR-N	✓	49,2 dB @ 66,0MHz	DH	3,6-1,2	>= 30,4 dB	18,8 dB	DH	7,8-3,6	16,2 dB @ 500,0MHz	>= -17,1 dB	33,3 dB
ACR-F	✓	65,5 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	15,4 dB	RH	5,4-7,8	29,5 dB @ 464,0MHz	> 10,9 dB	18,6 dB
Encabezado	N/D	40,9 dB		N/D	N/D	N/D					
PS NEXT	✓	27,9 dB @ 500,0MHz	DH	3,6	> 23,8 dB	4,1 dB	DH	3,6	27,9 dB @ 500,0MHz	> 23,8 dB	4,1 dB
PS ACR-N	✓	50,1 dB @ 55,8MHz	DH	1,2	> 30,3 dB	19,8 dB	DH	3,6	14,1 dB @ 500,0MHz	> -20,0 dB	34,1 dB
PS ACR-F	✓	63,9 dB @ 5,1MHz	RH	5,4	> 47,1 dB	16,8 dB	RH	5,4	27,2 dB @ 464,0MHz	> 7,9 dB	19,3 dB

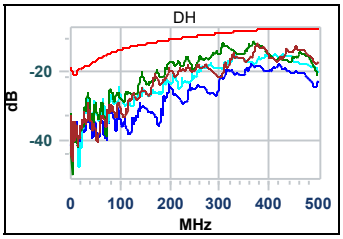
Mapeado de hilos

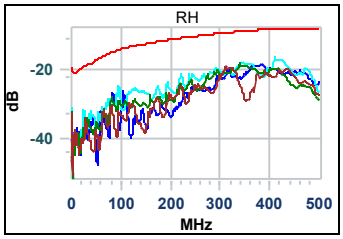


Atenuación



Pérdida de retorno





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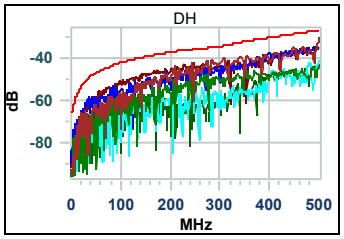
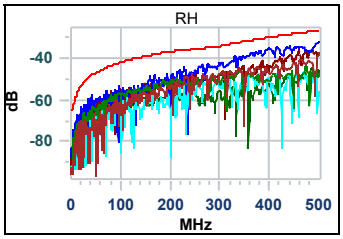
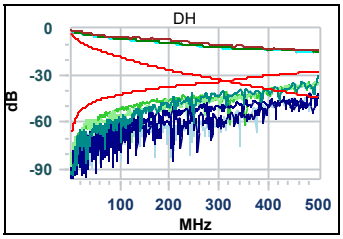
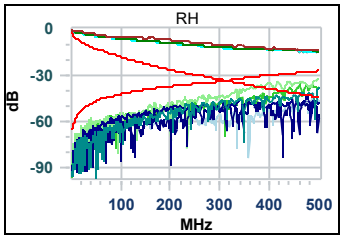


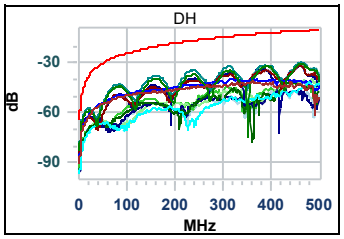


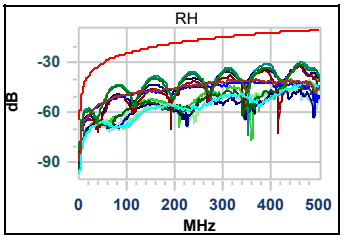
ACR-N



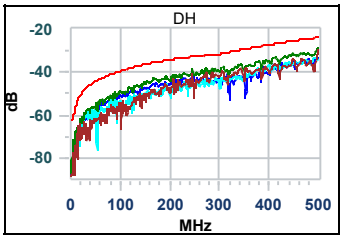


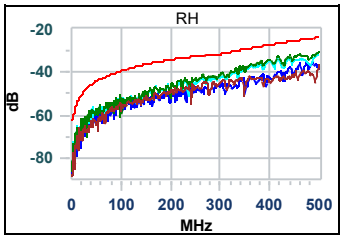
ACR-F



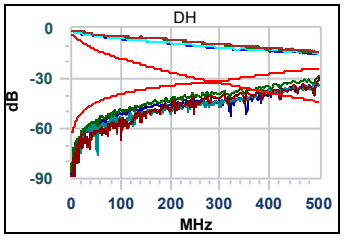


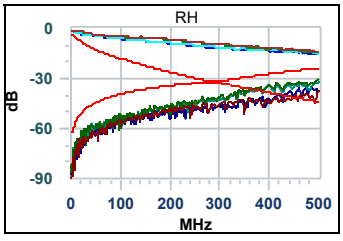
PS NEXT



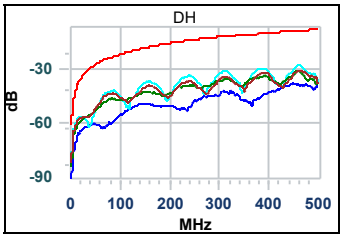


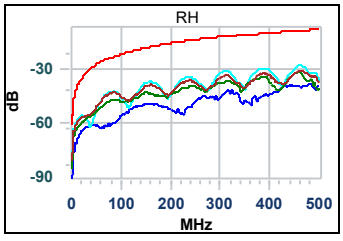
PS ACR-N





PS ACR-F





Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P7_S.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:24 p. m.
Versión: 1.3.2

Pasa

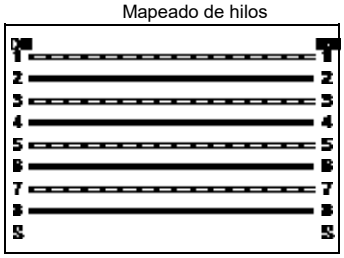
Nombrede la medida: D02
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

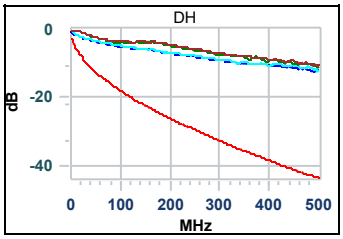
Fecha de la medida: 24/5/2021
Hora de la medida: 13:43:48
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen	Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✓	N/D		N/D	N/D	N/D				
Longitúd	✓	33,1 m.		5,4	90,0 m.	56,9 m.				
Resistencia DC	✓	4,8 ohms		5,4	20,0 ohms	15,2 ohms				
Retarde de propagación	✓	164,5 ns		3,6	498,0 ns	333,5 ns				
Desviación de retardo	✓	11,1 ns		3,6	44,0 ns	32,9 ns				
Atenuación	✓	1,1 dB @ 3,0MHz	DH	1,2	< 3,1 dB	2,0 dB	DH 1,2	12,3 dB @ 494,0MHz	< 43,4 dB	31,1 dB
Pérdida de retorno	✓	11,3 dB @ 307,0MHz	DH	3,6	> 9,1 dB	2,2 dB	DH 3,6	11,3 dB @ 307,0MHz	> 9,1 dB	2,2 dB
NEXT	✓	31,6 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	4,9 dB	DH 7,8-3,6	31,6 dB @ 500,0MHz	> 26,7 dB	4,9 dB
ACR-N	✓	38,8 dB @ 190,0MHz	DH	3,6-5,4	>= 11,9 dB	26,9 dB	DH 7,8-3,6	20,5 dB @ 500,0MHz	>= -17,1 dB	37,6 dB
ACR-F	✓	65,3 dB @ 5,4MHz	DH	5,4-7,8	> 49,6 dB	15,7 dB	DH 5,4-7,8	28,8 dB @ 497,0MHz	> 10,3 dB	18,5 dB
Encabezado	N/D	29,5 dB		N/D	N/D	N/D				
PS NEXT	✓	28,8 dB @ 500,0MHz	DH	3,6	> 23,8 dB	5,0 dB	DH 3,6	28,8 dB @ 500,0MHz	> 23,8 dB	5,0 dB
PS ACR-N	✓	46,4 dB @ 88,0MHz	DH	5,4	> 23,4 dB	23,0 dB	DH 3,6	17,7 dB @ 500,0MHz	> -20,0 dB	37,7 dB
PS ACR-F	✓	64,3 dB @ 4,9MHz	RH	5,4	> 47,4 dB	16,9 dB	DH 5,4	25,8 dB @ 498,0MHz	> 7,2 dB	18,6 dB

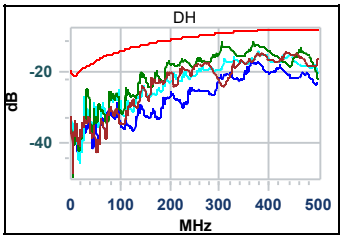
Mapeado de hilos

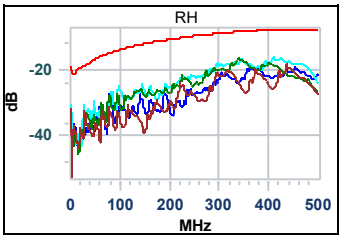


Atenuación



Pérdida de retorno





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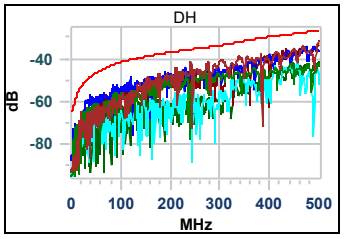
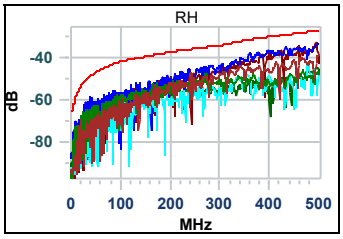
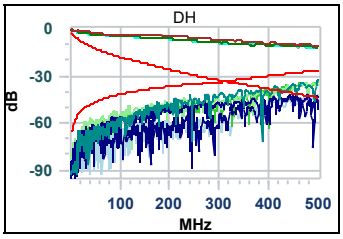
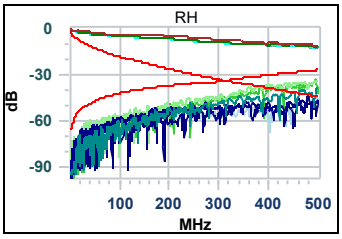


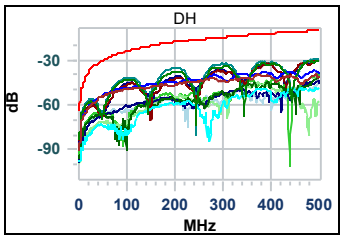


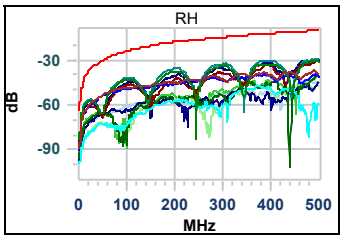
ACR-N



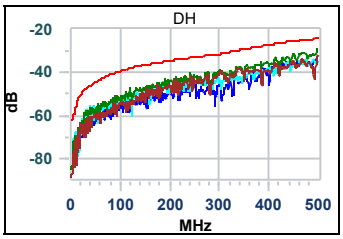


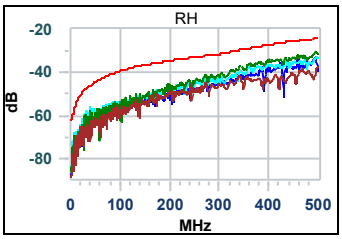
ACR-F



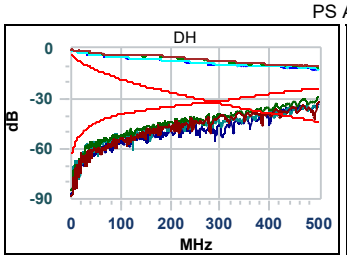


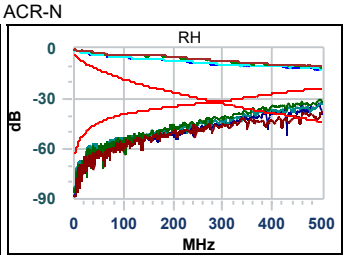
PS NEXT



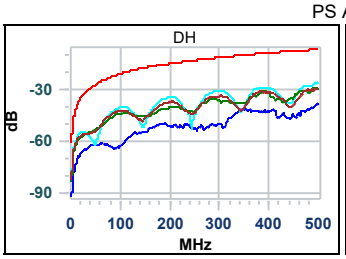


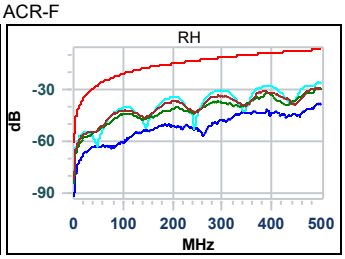
PS ACR-N





PS ACR-F





Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P7_S.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:25 p. m.
Versión: 1.3.2

Pasa

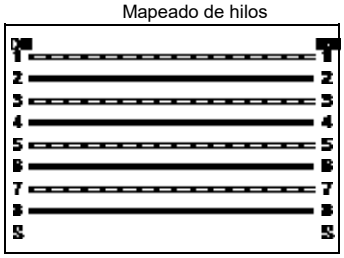
Nombrede la medida: D03
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

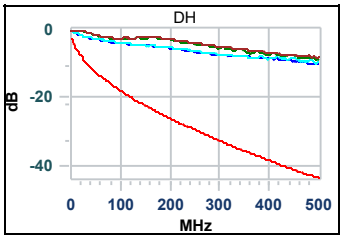
Fecha de la medida: 24/5/2021
Hora de la medida: 13:53:52
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen	Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✓	N/D		N/D	N/D	N/D				
Longitúd	✓	26,9 m.		5,4	90,0 m.	63,1 m.				
Resistencia DC	✓	4,0 ohms		5,4	20,0 ohms	16,0 ohms				
Retarde de propagación	✓	133,4 ns		7,8	498,0 ns	364,6 ns				
Desviación de retardo	✓	8,8 ns		7,8	44,0 ns	35,2 ns				
Atenuación	✓	1,0 dB @ 3,1MHz	DH	1,2	< 3,1 dB	2,1 dB	DH 1,2	10,4 dB @ 492,0MHz	< 43,3 dB	32,9 dB
Pérdida de retorno	✓	12,9 dB @ 309,0MHz	DH	3,6	> 9,1 dB	3,8 dB	DH 3,6	12,2 dB @ 370,0MHz	> 8,3 dB	3,9 dB
NEXT	✓	40,5 dB @ 241,5MHz	DH	7,8-3,6	> 35,6 dB	4,9 dB	DH 7,8-3,6	32,5 dB @ 498,0MHz	> 26,7 dB	5,8 dB
ACR-N	✓	38,5 dB @ 243,5MHz	RH	3,6-5,4	>= 6,4 dB	32,1 dB	RH 3,6-5,4	22,7 dB @ 500,0MHz	>= -17,1 dB	39,8 dB
ACR-F	✓	65,3 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	15,2 dB	RH 5,4-3,6	28,4 dB @ 498,0MHz	> 10,2 dB	18,2 dB
Encabezado	N/D	24,4 dB		N/D	N/D	N/D				
PS NEXT	✓	29,7 dB @ 468,0MHz	DH	3,6	> 24,8 dB	4,9 dB	DH 3,6	29,3 dB @ 498,0MHz	> 23,8 dB	5,5 dB
PS ACR-N	✓	43,9 dB @ 122,0MHz	DH	5,4	> 17,9 dB	26,0 dB	DH 3,6	20,5 dB @ 495,0MHz	> -19,6 dB	40,1 dB
PS ACR-F	✓	63,7 dB @ 5,2MHz	RH	5,4	> 46,9 dB	16,8 dB	RH 5,4	25,6 dB @ 495,0MHz	> 7,3 dB	18,3 dB

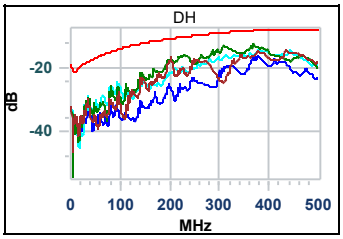
Mapeado de hilos



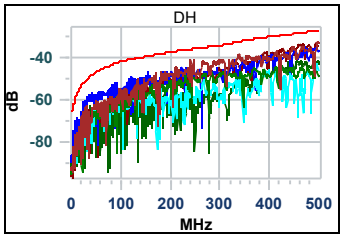
Atenuación



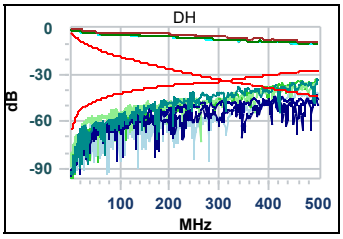
Pérdida de retorno



NEXT



ACR-N



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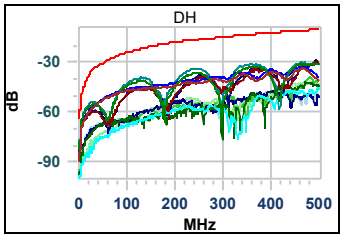

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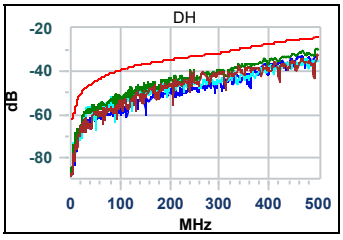

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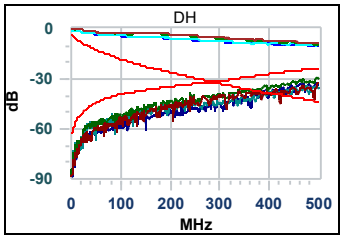

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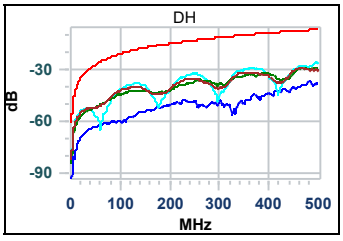


Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P7_S.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:25 p. m.
Versión: 1.3.2

Pasa

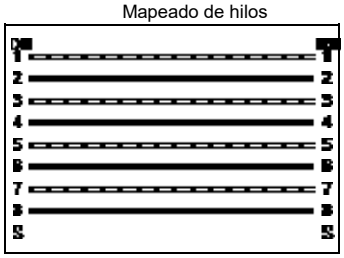
Nombrede la medida: D04
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

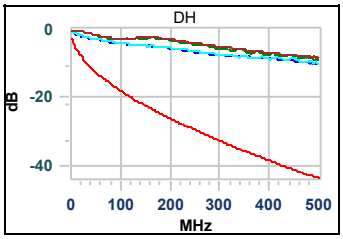
Fecha de la medida: 24/5/2021
Hora de la medida: 13:54:20
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen	Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✓	N/D		N/D	N/D	N/D				
Longitúd	✓	27,1 m.		5,4	90,0 m.	62,9 m.				
Resistencia DC	✓	4,0 ohms		5,4	20,0 ohms	16,0 ohms				
Retarde de propagación	✓	134,0 ns		7,8	498,0 ns	364,0 ns				
Desviación de retardo	✓	8,4 ns		7,8	44,0 ns	35,6 ns				
Atenuación	✓	1,0 dB @ 3,0MHz	DH	1,2	< 3,1 dB	2,1 dB	DH 5,4	10,3 dB @ 498,0MHz	< 43,6 dB	33,3 dB
Pérdida de retorno	✓	10,7 dB @ 307,0MHz	DH	3,6	> 9,1 dB	1,6 dB	DH 3,6	10,7 dB @ 307,0MHz	> 9,1 dB	1,6 dB
NEXT	✓	30,6 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	3,9 dB	DH 7,8-3,6	30,6 dB @ 500,0MHz	> 26,7 dB	3,9 dB
ACR-N	✓	35,8 dB @ 260,0MHz	RH	3,6-5,4	>= 4,9 dB	30,9 dB	DH 7,8-3,6	21,8 dB @ 500,0MHz	>= -17,1 dB	38,9 dB
ACR-F	✓	64,7 dB @ 5,2MHz	DH	5,4-7,8	> 49,9 dB	14,8 dB	RH 5,4-7,8	28,7 dB @ 498,0MHz	> 10,2 dB	18,5 dB
Encabezado	N/D	20,2 dB		N/D	N/D	N/D				
PS NEXT	✓	28,2 dB @ 500,0MHz	DH	3,6	> 23,8 dB	4,4 dB	DH 3,6	28,2 dB @ 500,0MHz	> 23,8 dB	4,4 dB
PS ACR-N	✓	43,9 dB @ 118,0MHz	DH	5,4	> 18,5 dB	25,4 dB	DH 3,6	19,4 dB @ 500,0MHz	> -20,0 dB	39,4 dB
PS ACR-F	✓	63,6 dB @ 5,1MHz	RH	5,4	> 47,1 dB	16,5 dB	DH 5,4	25,7 dB @ 498,0MHz	> 7,2 dB	18,5 dB

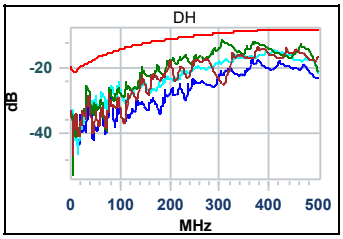
Mapeado de hilos

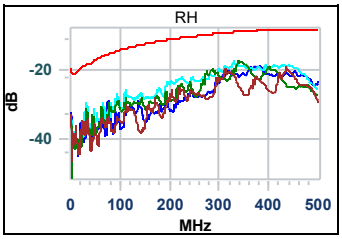


Atenuación



Pérdida de retorno





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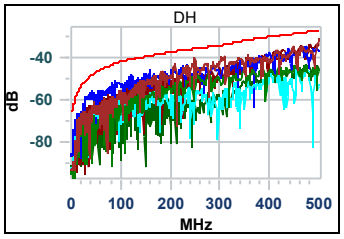

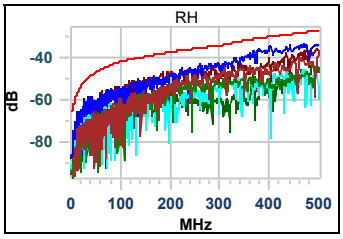

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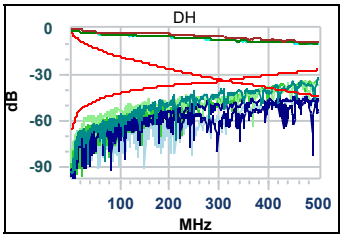

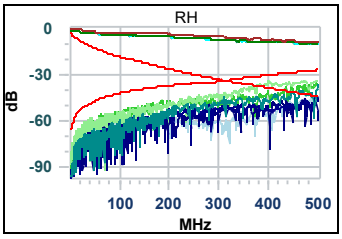

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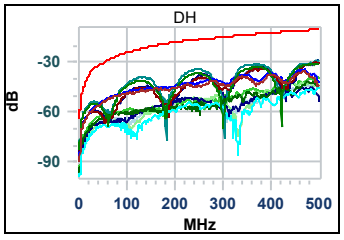

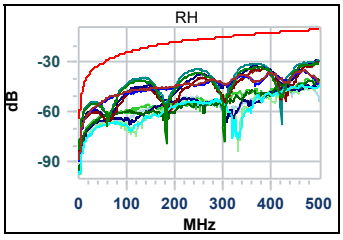

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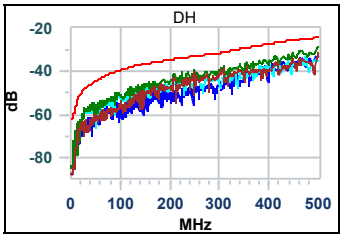

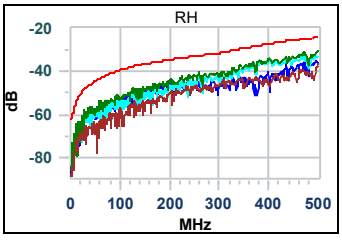

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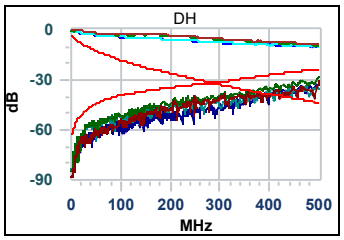

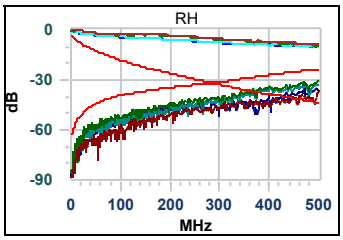
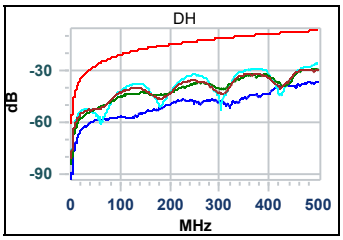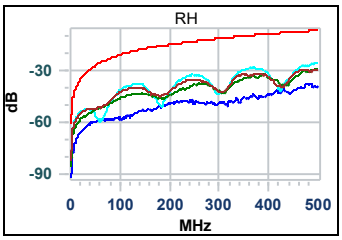
PS ACR-F