



## Kullanım Alanları

- 10 BASE-T (IEEE 802.3) Ethernet
- 100 BASE-T (IEEE 802.3u) Fast Ethernet
- 100 VG-AnyLAN (IEEE 802.12)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 100 Mbps CDDI
- 250 Mbps ATM
- 1000 BASE-T (Gigabit Ethernet) (IEEE 802.3 ab)

## Kablo Yapısı

- 1 - İletken : Elektrolitik mono bakır iletken.
- 2 - İzole : Solid polietilen izolasyon
- 3 - Büküm : İzoleler çiftler halinde bükülür.
- 4 - Separatör : Çiftler yıldız biçimli separatörle beraber bükülür.
- 5 - Ayırıcı : Polyester bant
- 6 - Dış Kılıf : Ultraviyole ışınlar dayanıklı polietilen dış kılıf. RAL 9004 (Siyah)

## Teknik Özellikler

| İletken Direnci<br>Ω/km | İzolasyon Direnci<br>MΩxkm (500 V DC) | Efektif Kapasite<br>nF/km | Direnç<br>Dengesizliği | Yayımla<br>Hızı | Çalışma<br>Voltajı<br>V | Test Voltajı<br>V | Karakteristik Empedans<br>Ω |
|-------------------------|---------------------------------------|---------------------------|------------------------|-----------------|-------------------------|-------------------|-----------------------------|
| 72                      | 5000                                  | 56                        | %2                     | %67-69          | 250                     | 1200              | 100±%15. 101-250 MHz        |

## Mekanik Özellikler

| Bükülme Yarıçapı | Sıcaklık Aralığı<br>Çalışma |
|------------------|-----------------------------|
| 8xD mm           | -55°C~+60°C                 |

## Standartlar

### Üretim Standartları

ANSI/TIA-568-C.2.  
IEC-61156-5.  
IEC-11801

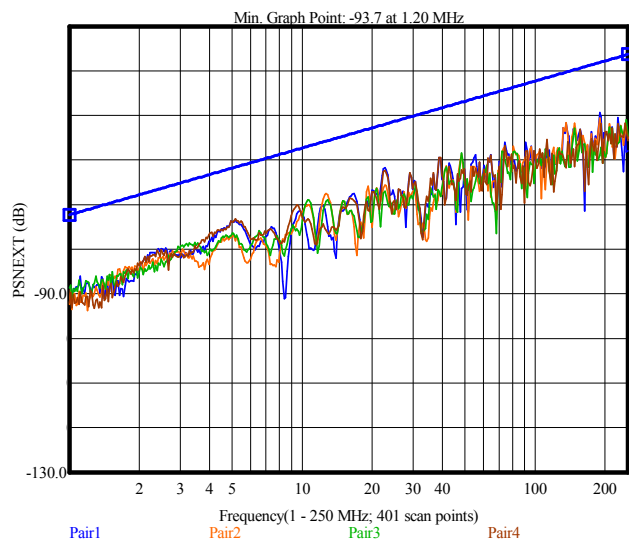
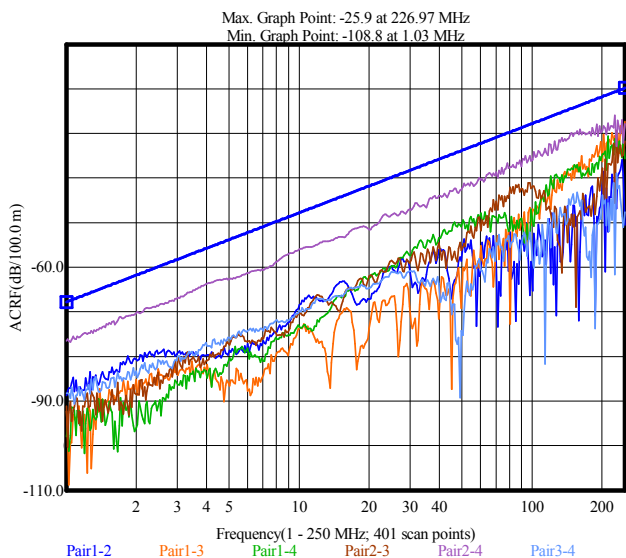
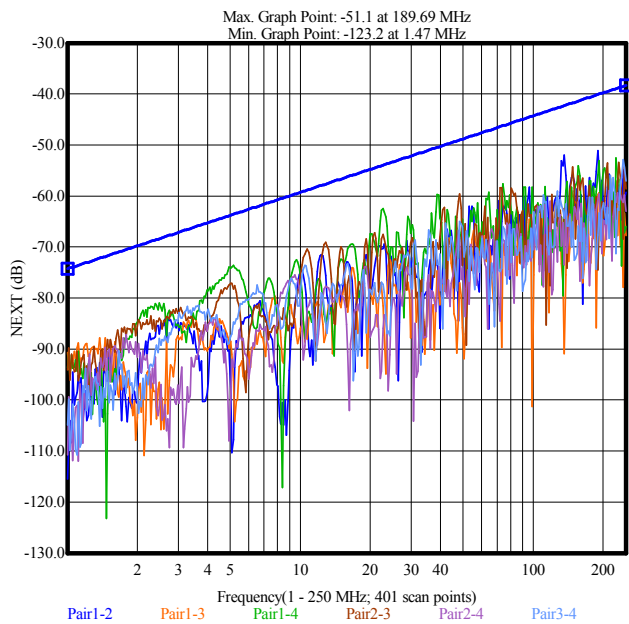
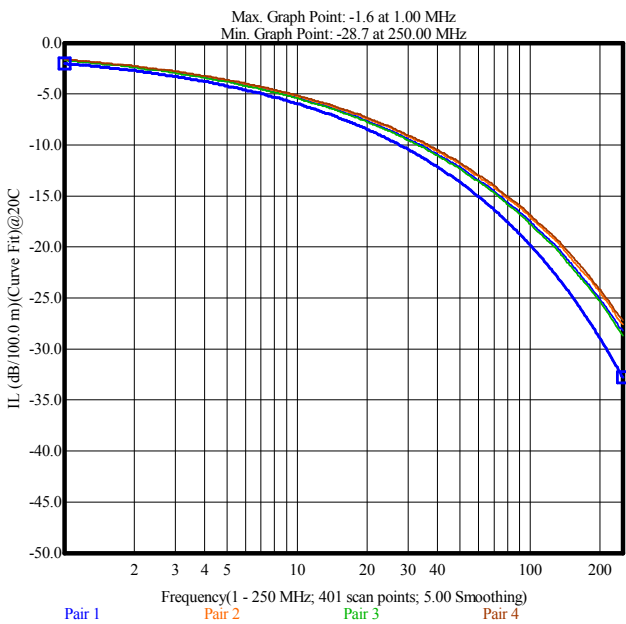
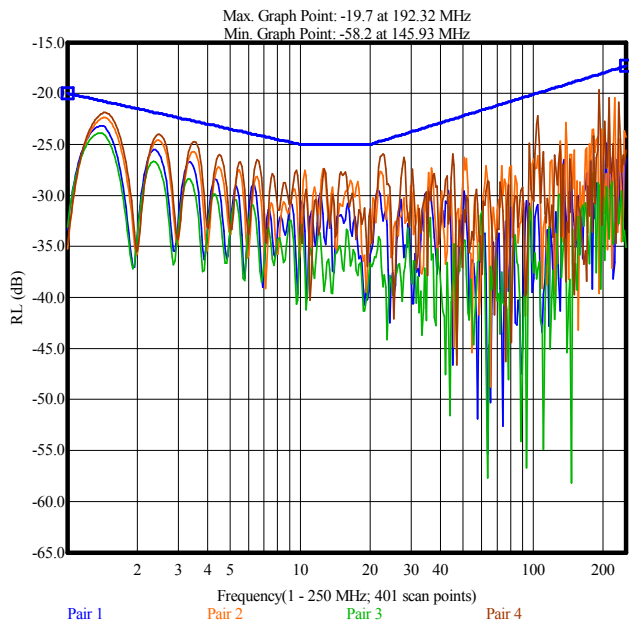
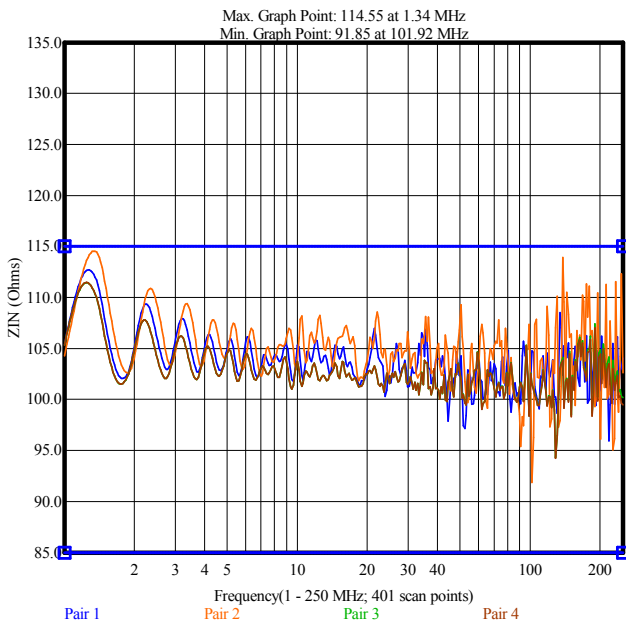
## Elektriksel Özellikler

| Frekans<br>MHz | Ek Kaybı<br>dB/100m (Max.) | Near-end Crosstalk<br>(NEXT) Kaybı<br>dB (Min.) | Power-sum Near-end<br>Crosstalk (PSNEXT)<br>Kaybı dB (Min.) | Equal-level Far-end<br>Crosstalk (ELFEXT)<br>dB/100m (Min.) | Power-sum Equal<br>Level Far-end<br>Crosstalk (PSELFEXT)<br>dB/100m (Min.) | Dönüş Kaybı<br>(RL) dB (Min.) |
|----------------|----------------------------|-------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------|
| 0.772          | 1.8                        | 76                                              | 74.0                                                        | 70                                                          | 67                                                                         | -                             |
| 1              | 2                          | 74.3                                            | 72.3                                                        | 67.8                                                        | 64.8                                                                       | 20.0                          |
| 4              | 3.8                        | 65.3                                            | 63.3                                                        | 55.8                                                        | 52.8                                                                       | 23.0                          |
| 8              | 5.3                        | 60.8                                            | 58.8                                                        | 49.7                                                        | 46.7                                                                       | 24.5                          |
| 10             | 6                          | 59.3                                            | 57.3                                                        | 47.8                                                        | 44.8                                                                       | 25                            |
| 16             | 7.6                        | 56.2                                            | 54.2                                                        | 43.7                                                        | 40.7                                                                       | 25                            |
| 20             | 8.5                        | 54.8                                            | 52.8                                                        | 41.8                                                        | 38.8                                                                       | 24.3                          |
| 25             | 9.5                        | 53.3                                            | 51.3                                                        | 39.8                                                        | 36.8                                                                       | 23.6                          |
| 31.25          | 10.7                       | 51.9                                            | 49.9                                                        | 37.9                                                        | 34.9                                                                       | 21.5                          |
| 62.5           | 15.4                       | 47.4                                            | 45.4                                                        | 31.9                                                        | 28.9                                                                       | 20.1                          |
| 100            | 19.8                       | 44.3                                            | 42.3                                                        | 27.8                                                        | 24.8                                                                       | 18                            |
| 200            | 29                         | 39.8                                            | 37.8                                                        | 21.8                                                        | 18.8                                                                       | 17.3                          |
| 250            | 32.8                       | 38.3                                            | 36.3                                                        | 19.8                                                        | 16.8                                                                       | 16.8                          |

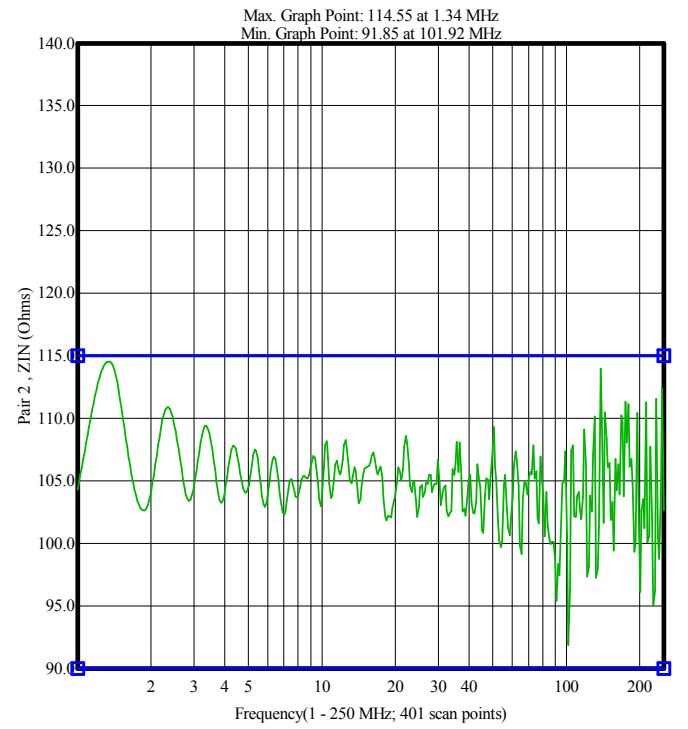
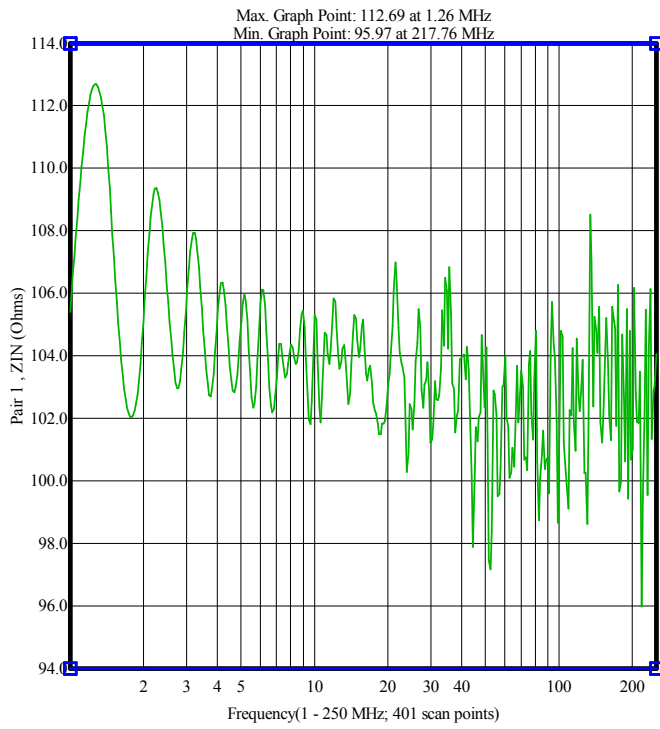
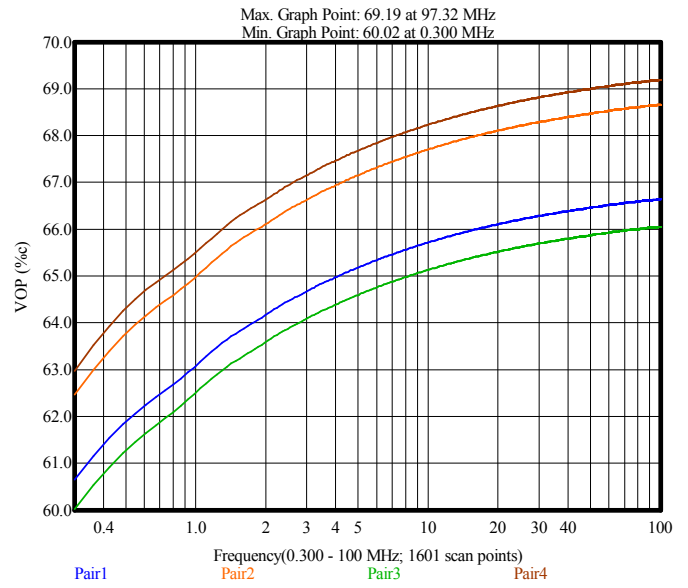
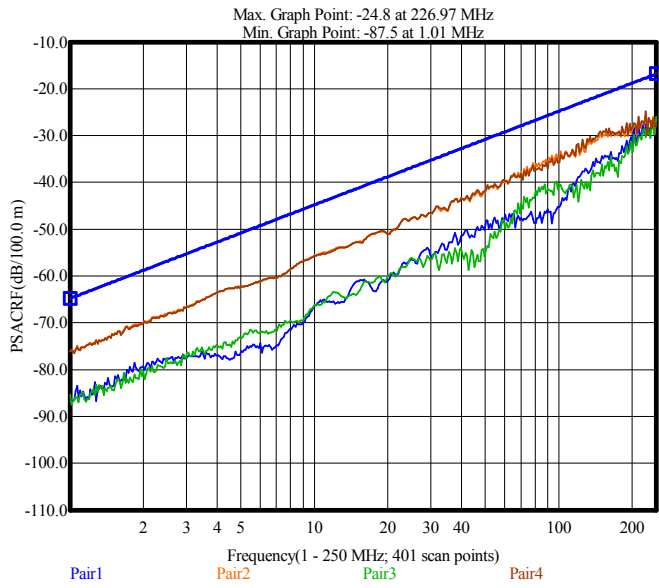
## Cat 6 U/UTP 23 AWG PE

| Part Numarası          | Per Sayısı | İletken Çapı (mm) | Ortalama Dış Çap (mm) | Bakır Ağırlığı (kg/km) | Ortalama Ağırlık (kg/km) | Makara Boyu (m) |
|------------------------|------------|-------------------|-----------------------|------------------------|--------------------------|-----------------|
| 3.416.2.1.1.00570.0004 | 4          | 0.57              | 6.4                   | 19.9                   | 41                       | 100/500/1000    |

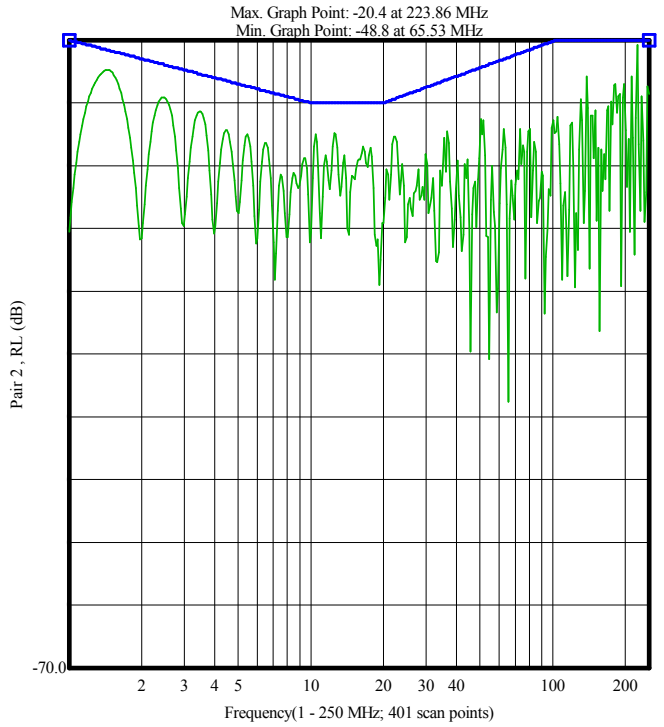
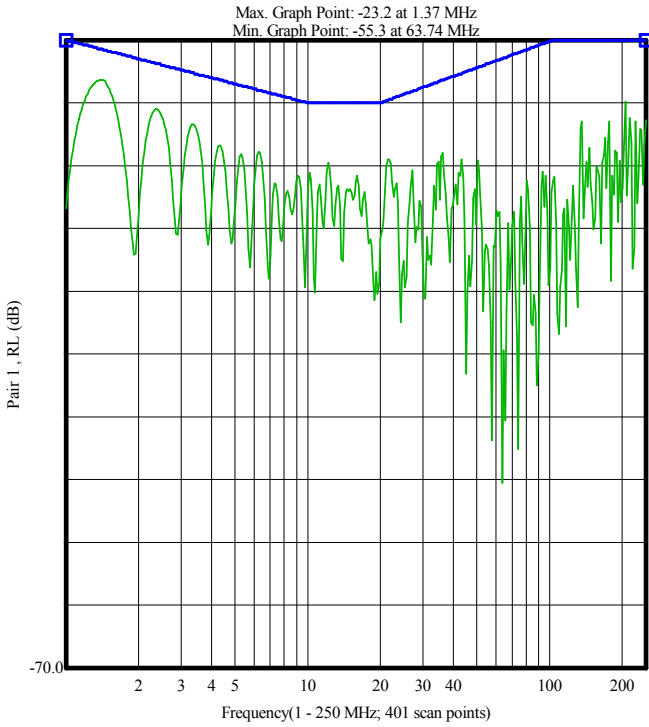
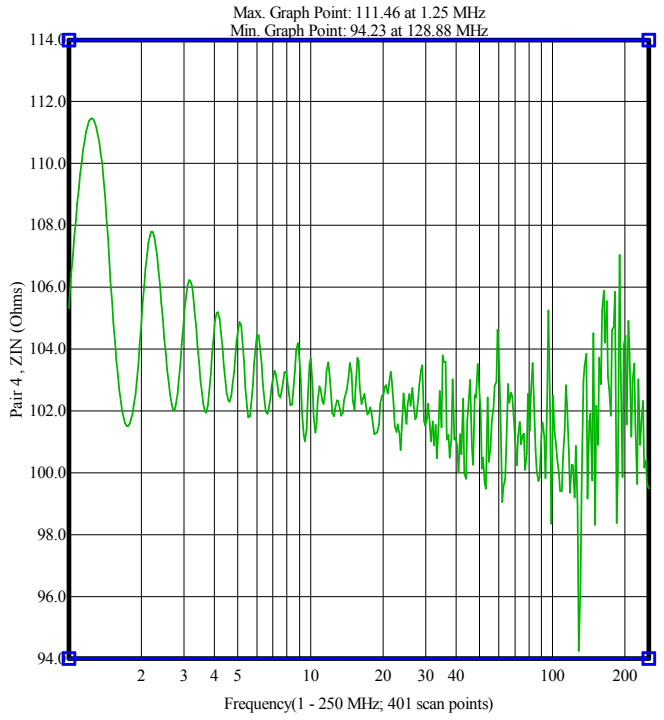
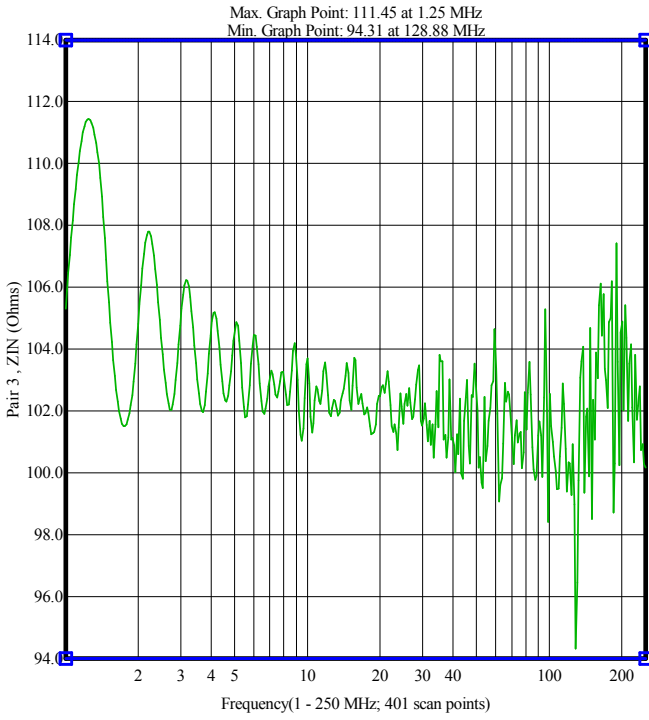
## Cat 6 Test Sonuç Grafikleri



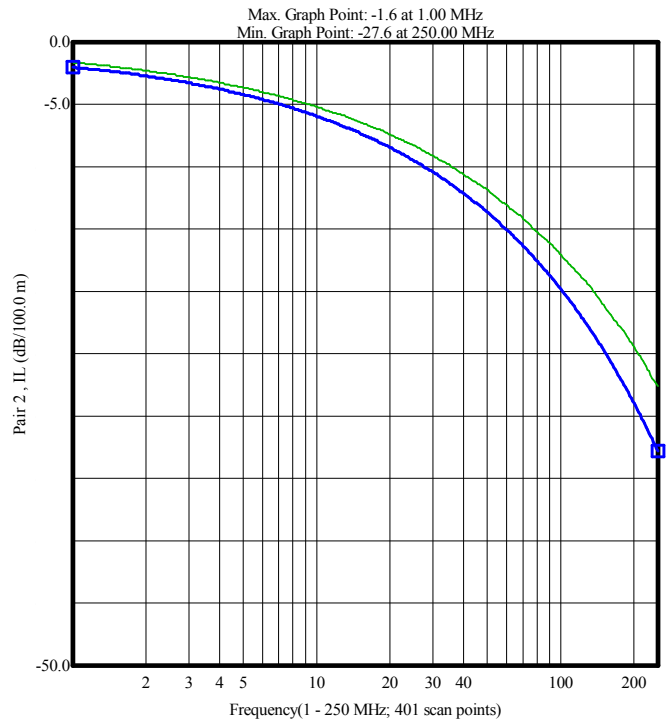
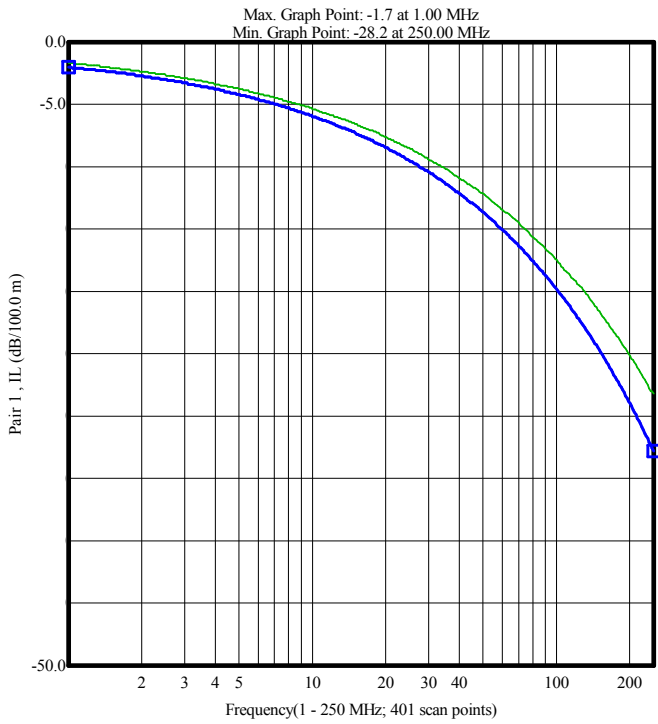
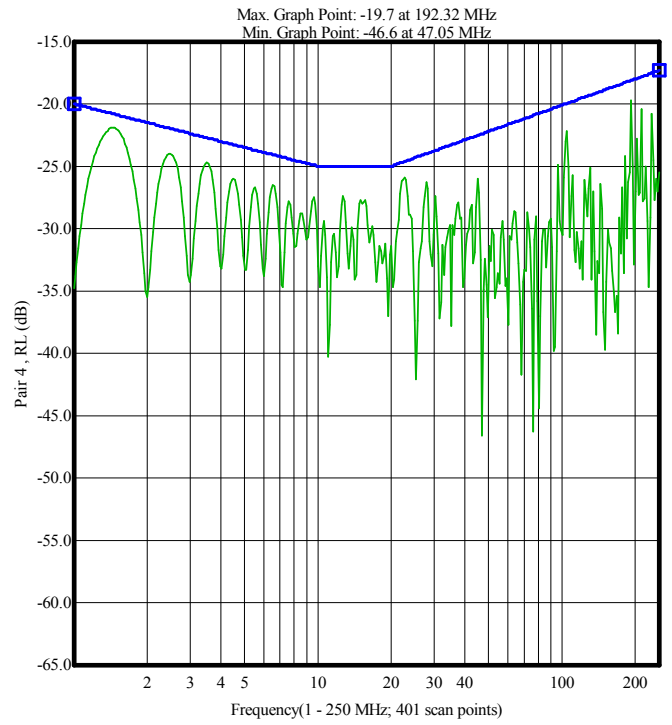
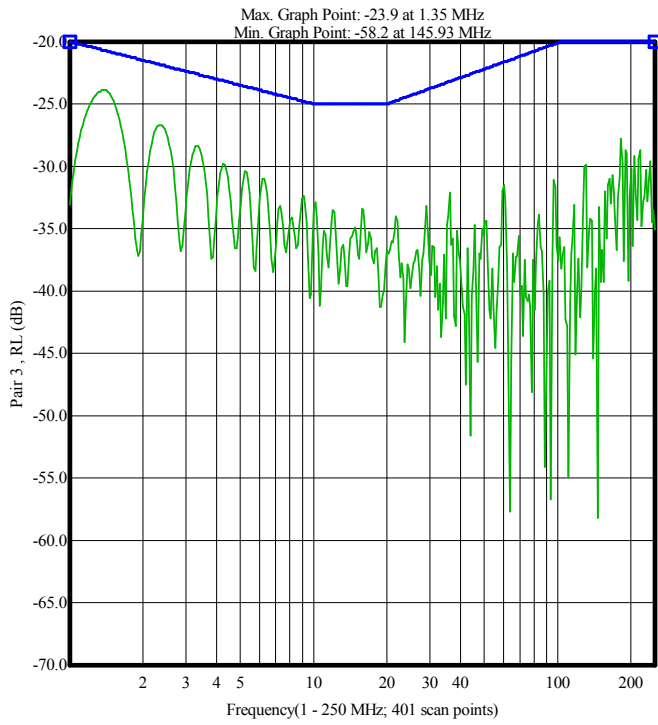
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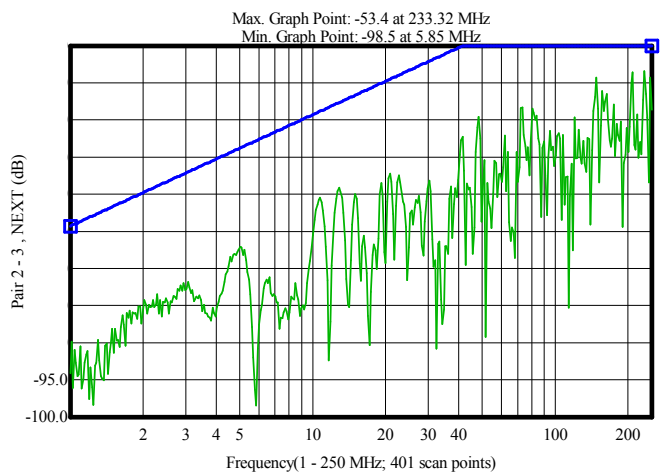
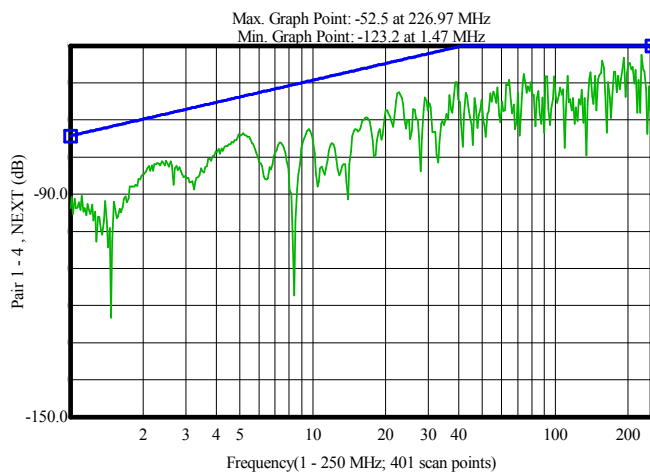
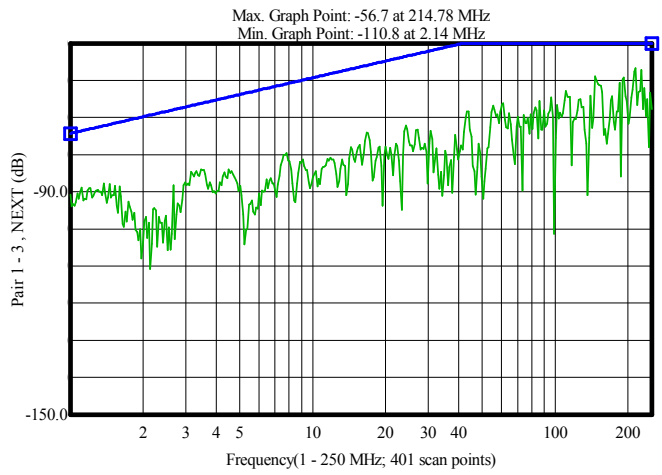
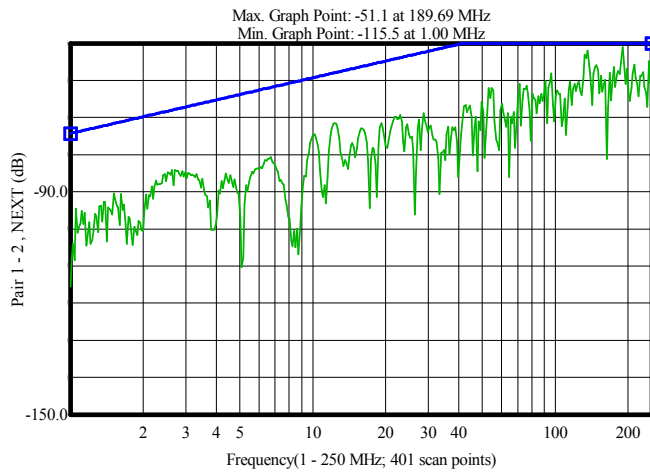
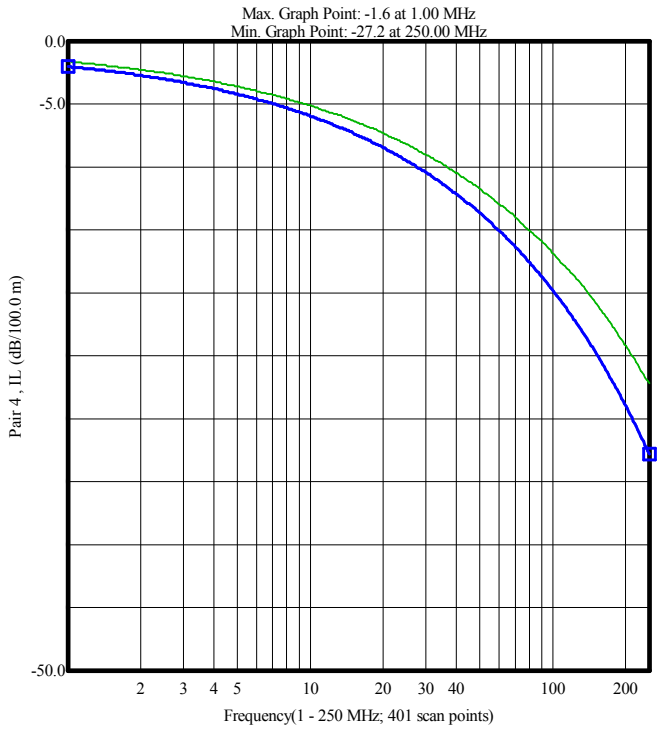
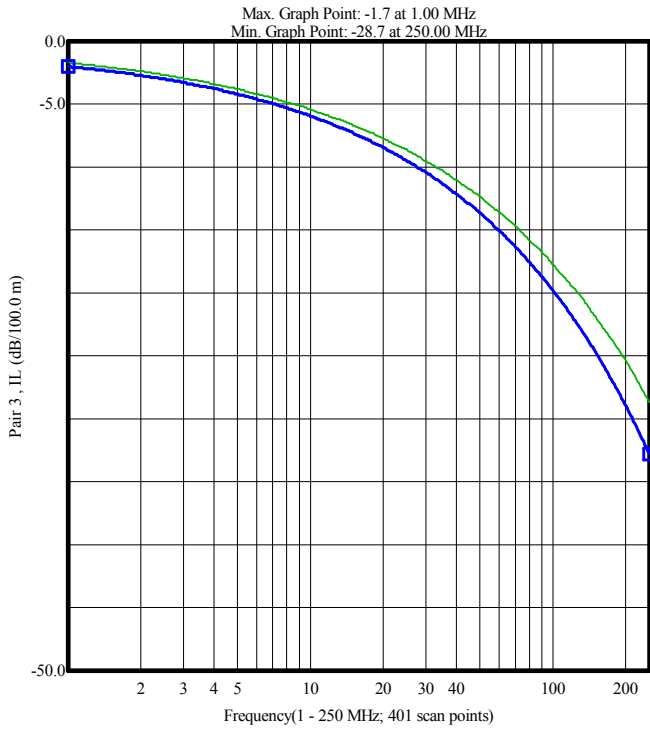
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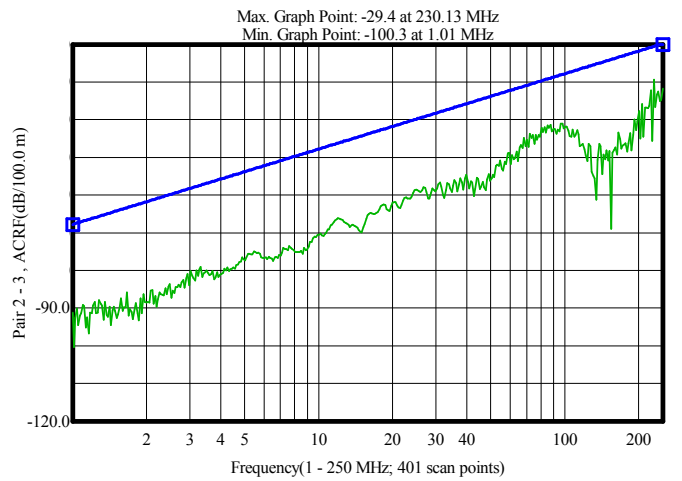
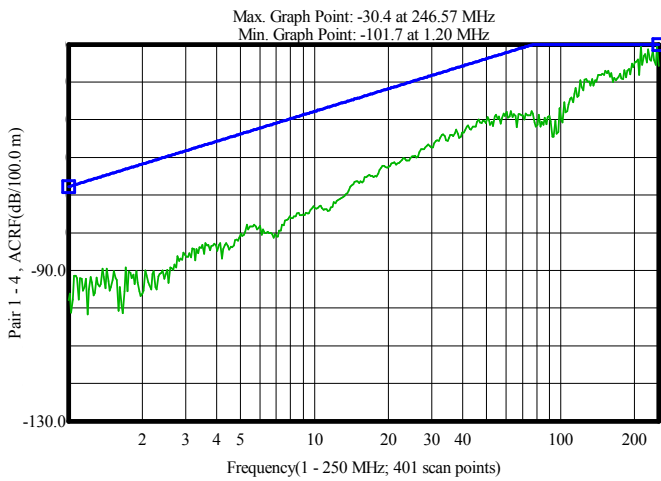
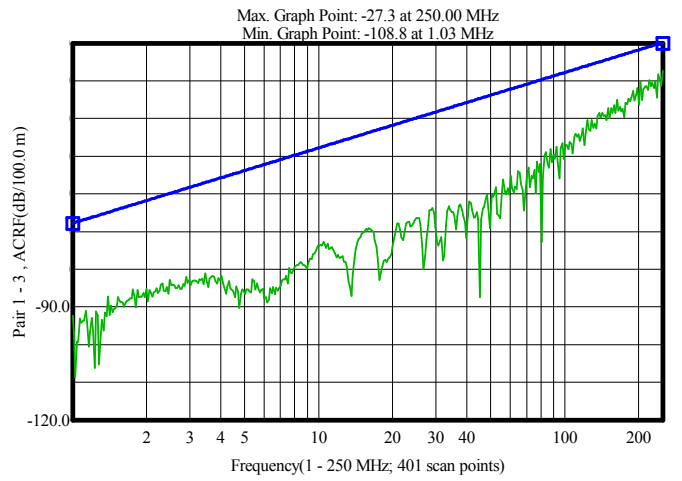
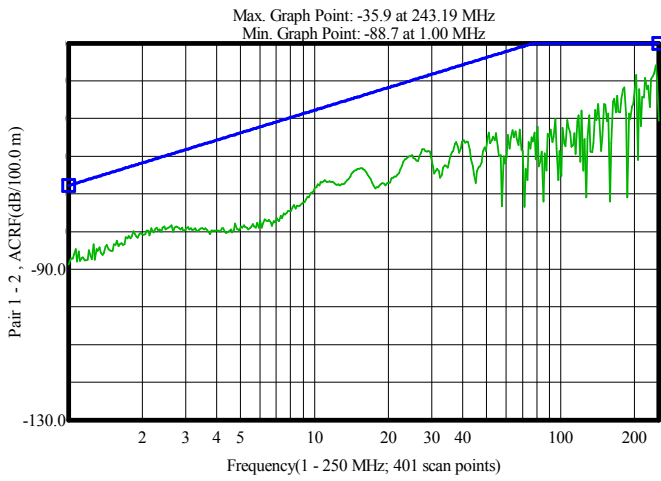
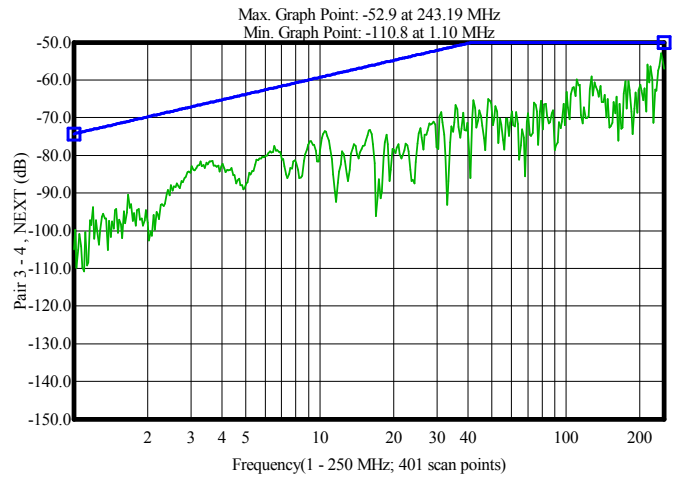
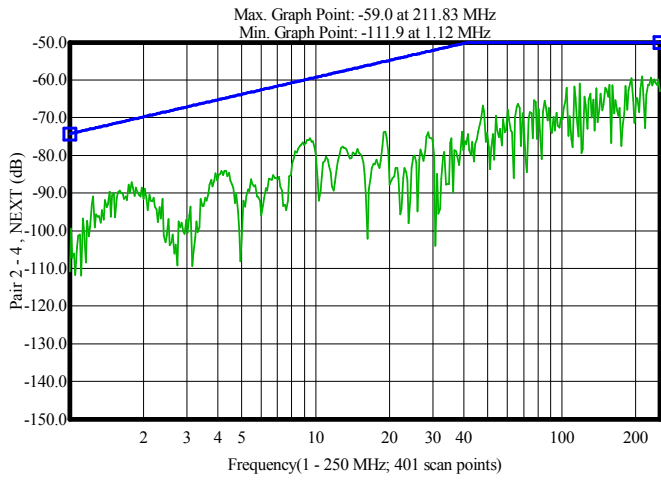
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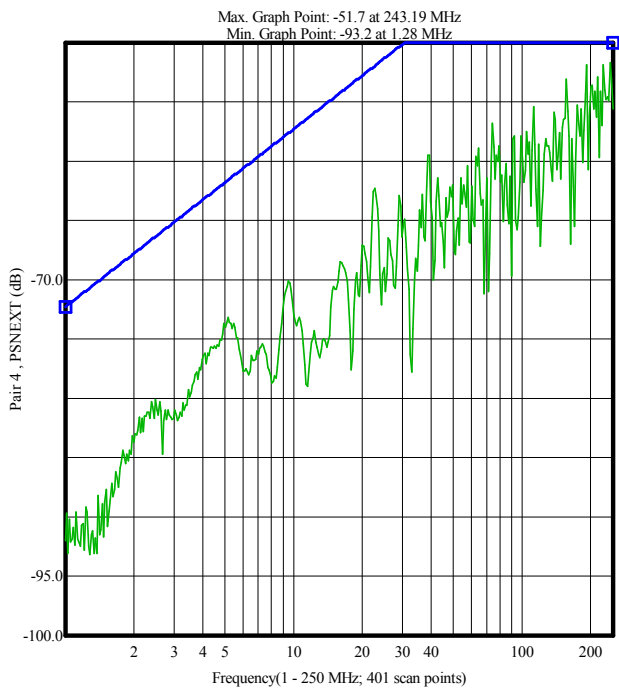
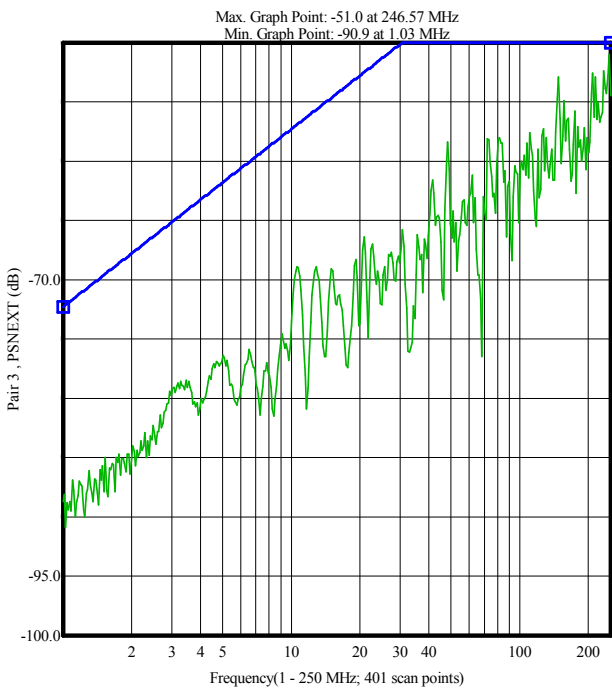
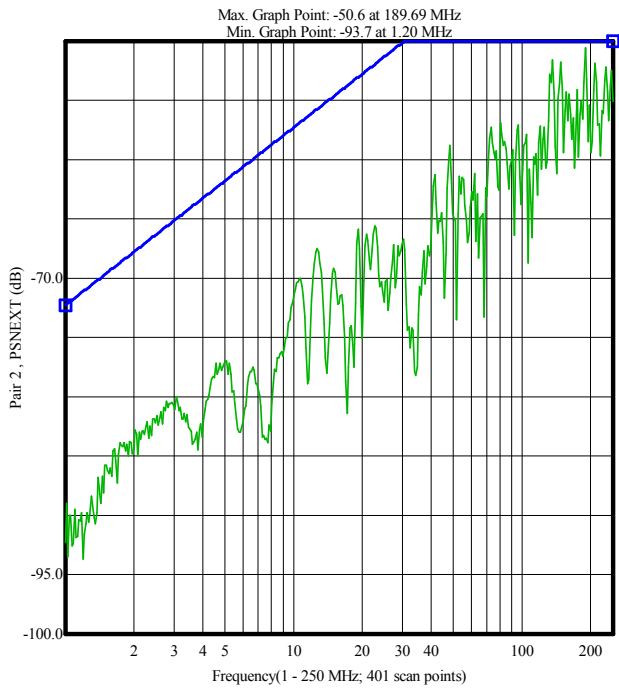
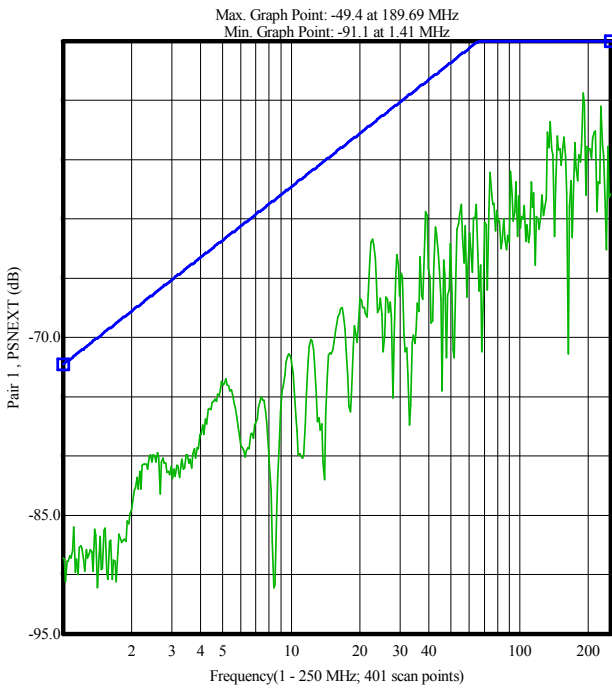
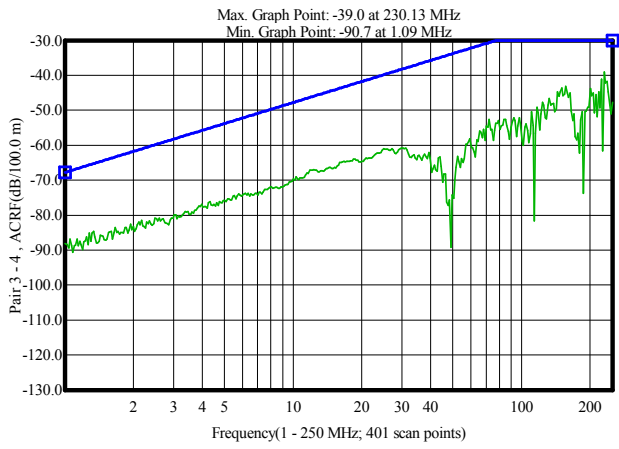
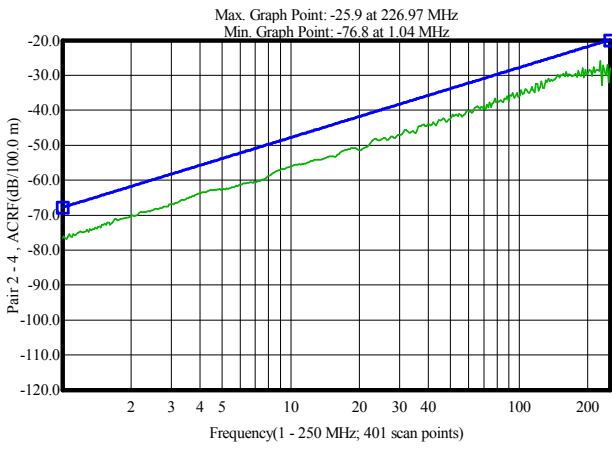


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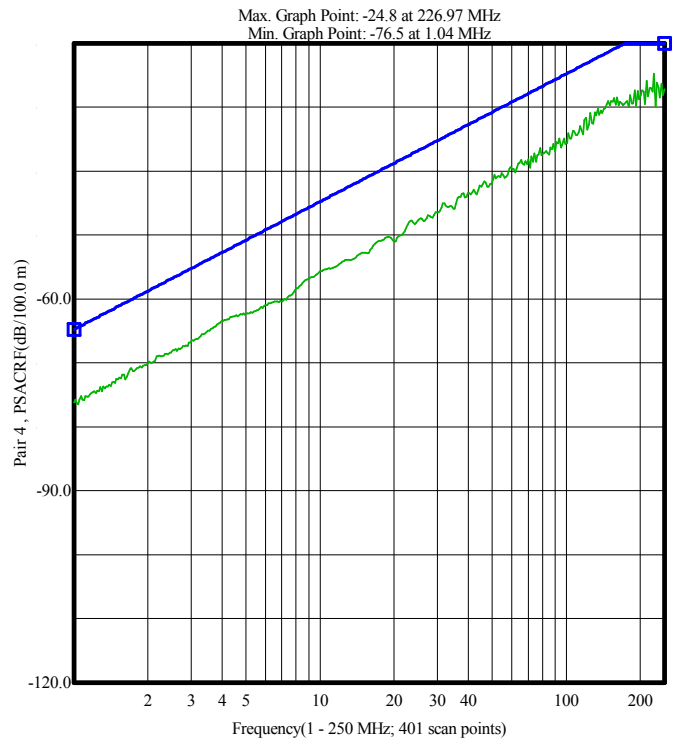
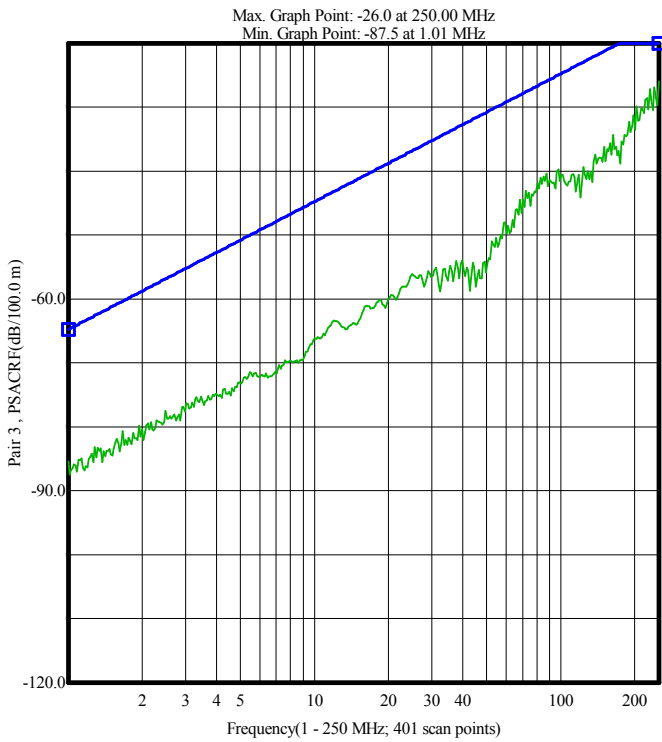
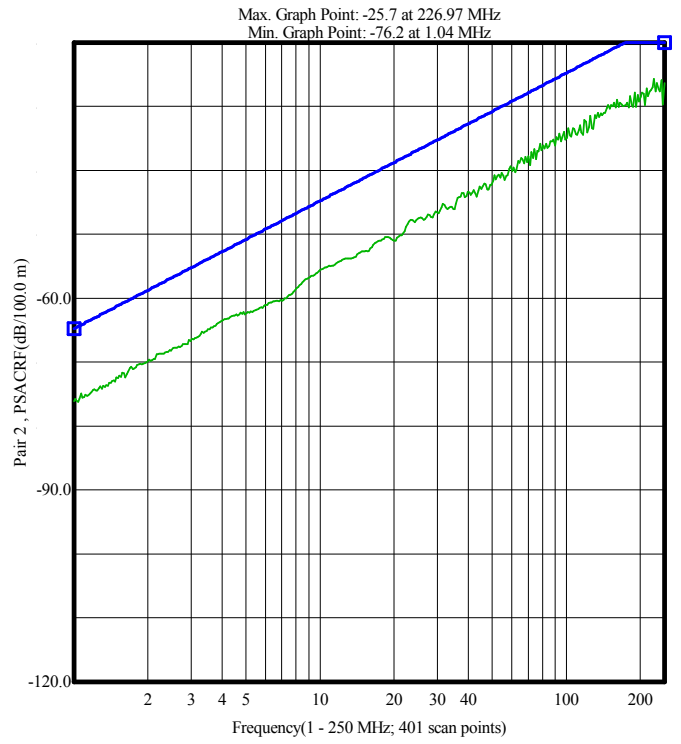
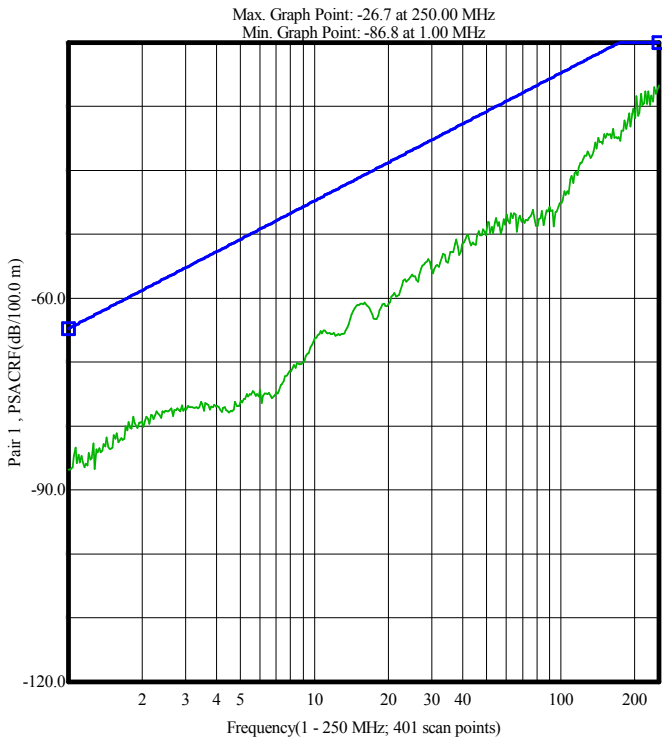




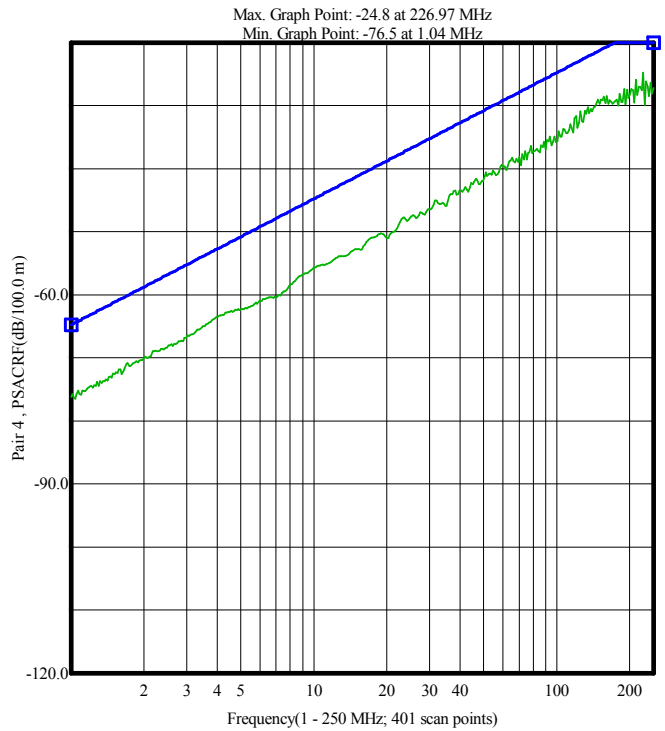
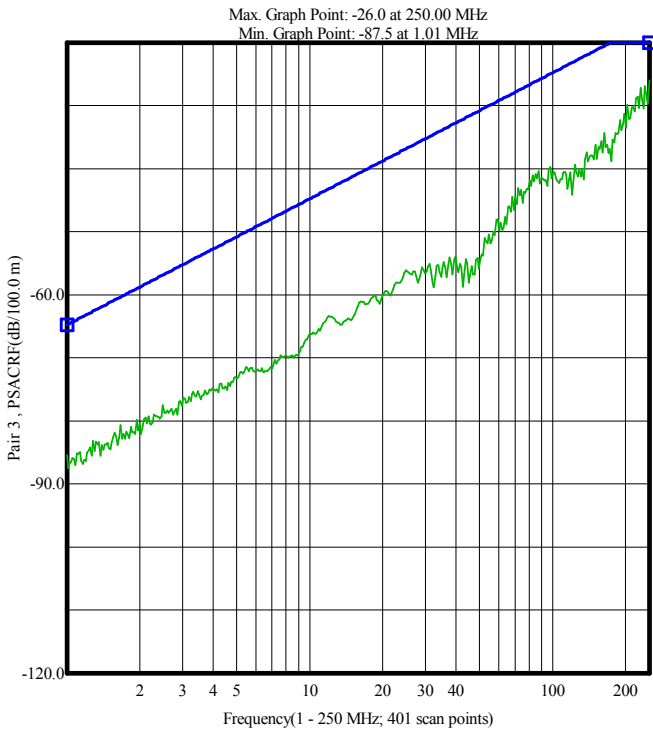
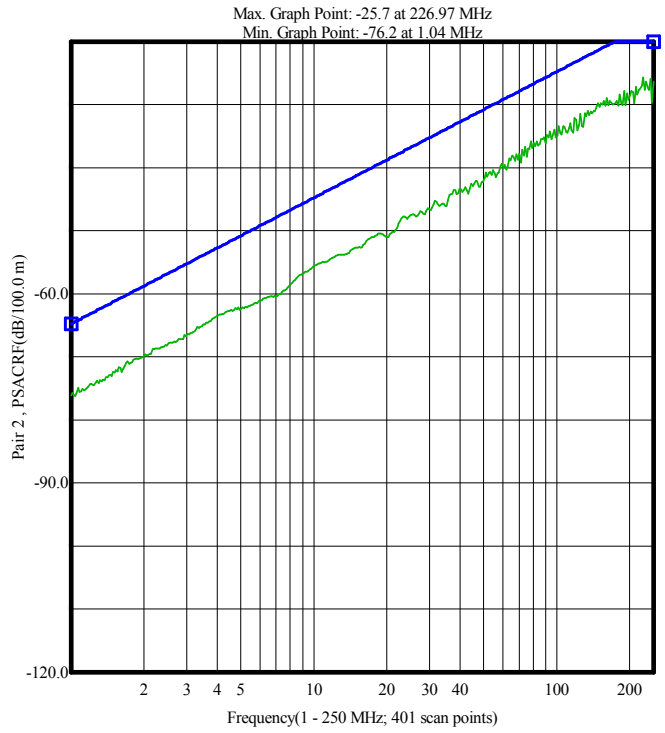
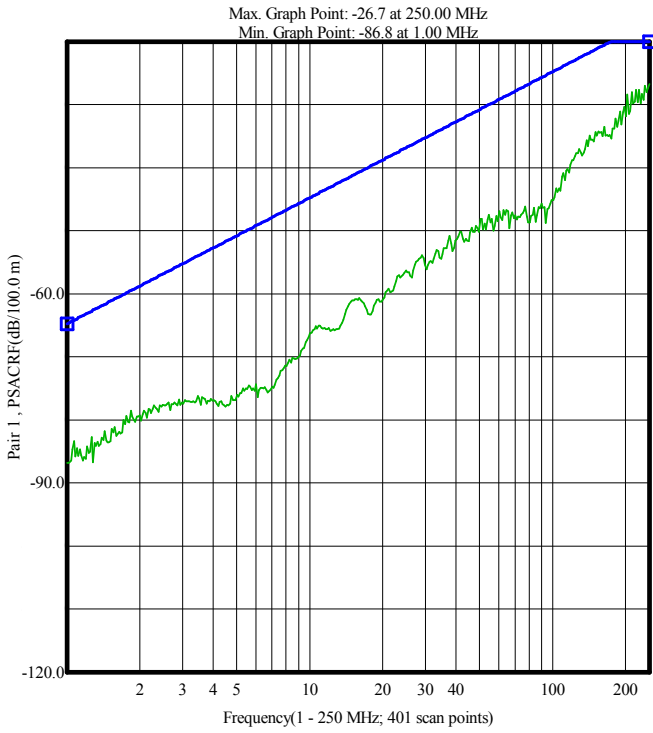
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