

Wire Wound Type Balun

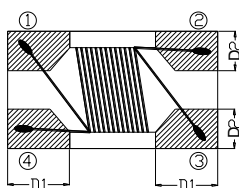
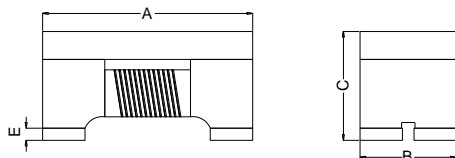
BCM2012F2SF-SERIES

1.Features

1. Low insertion loss at frequency range.
2. BCM2012F2SF series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+125°C (Including self - temperature rise)



2.Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SF	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

3.Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type S=Shielded , N=Unshielded
- F: Lead free
- G: Impedance Match 750= 75 ohm
- H: Turns Rate 11=1 : 1
- I: Control S/N Internal code

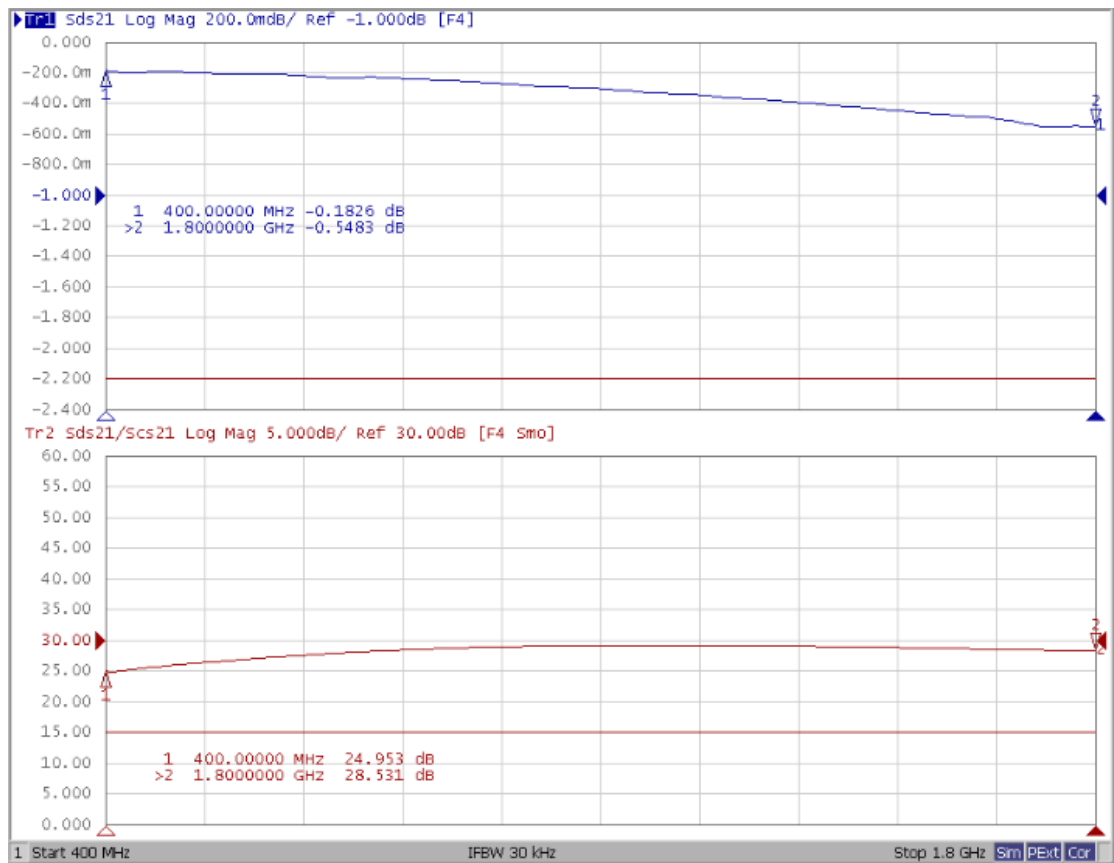
4.Specification

TAI-TECH Part Number	UB/B Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Power (dBm) max.	Rated Volt. (DCV) max.	Withstand Volt. (DCV) max.	IR (MΩ) min.	Insertion Loss (dB)max	CMRR (dB)
BCM2012F2SF-50011-TE2	50/50	400~1800	0.50	27	20	125	10	2.2	15(typ.)
BCM2012F2SF-50011-T02	50/50	40~ 860	1.00	27	20	125	10	2.5	20(typ.)
BCM2012F2SF-50011-MN2	50/50	100~1000	0.35	27	20	50	10	1.0	10(min.)
BCM2012F2SF-50011-ST2	50/50	45~870	1.00	27	20	50	10	1.2	20(min.)
BCM2012F2SF-75011-TE2	75/75	400~1800	0.50	27	20	125	10	2.0	15(typ.)
BCM2012F2SF-75011-T02	75/75	50~1200	0.70	27	20	125	10	1.2	20(typ.)
BCM2012F2SF-75011-MS2	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)

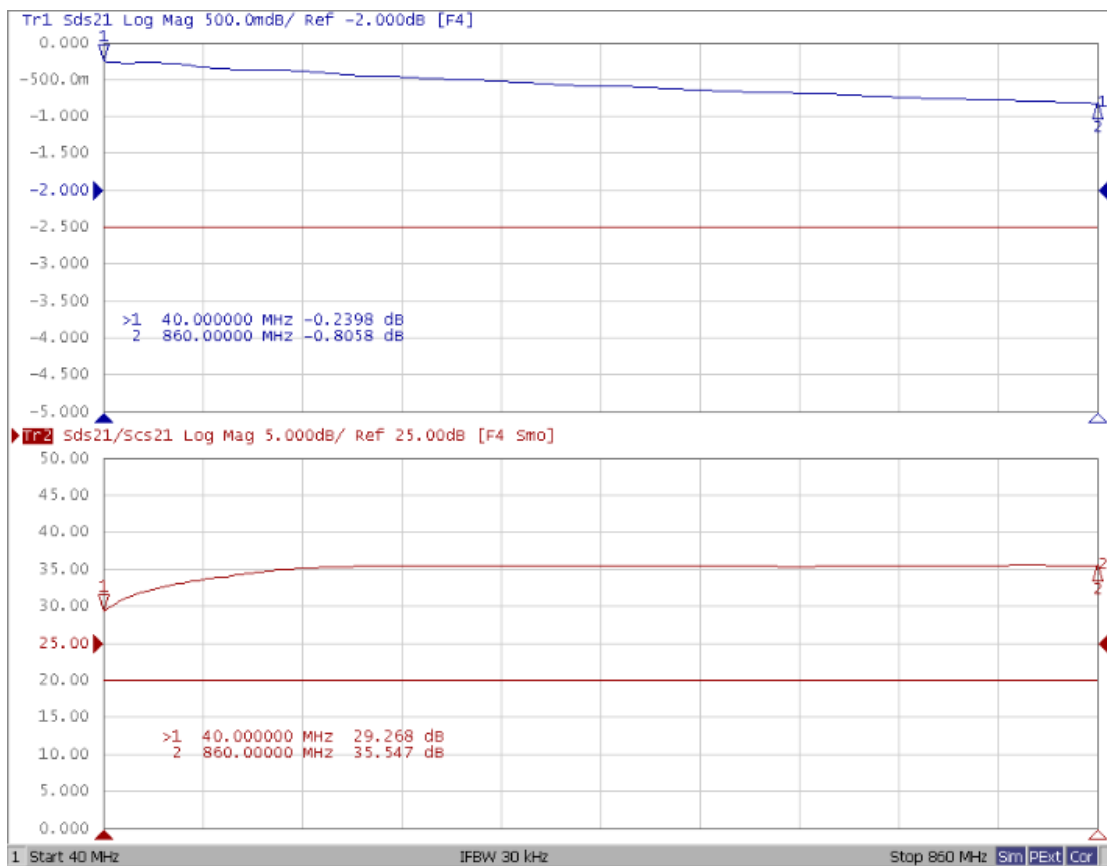
TAI-TECH Part Number	UB/B Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Power (dBm) max.	Rated Volt. (DCV) max.	Withstand Volt. (DCV) max.	IR ($M\Omega$) min.	Insertion Loss (dB)max	CMRR (dB)
BCM2012F2SF-75011-MT2	75/75	50~1200	0.77	27	20	50	10	50~870MHz:1.0 870~1200MHz:1.2.	20(min.)
BCM2012F2SF-75011-SA2	75/75	45~870	0.88	27	20	50	10	1.0	20(min.)
BCM2012F2SF-75011-SB2	75/75	50~1200	0.70	27	20	50	10	1.2	20(min.)
BCM2012F2SF-75011-122	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)

Insertion Loss & CMRR

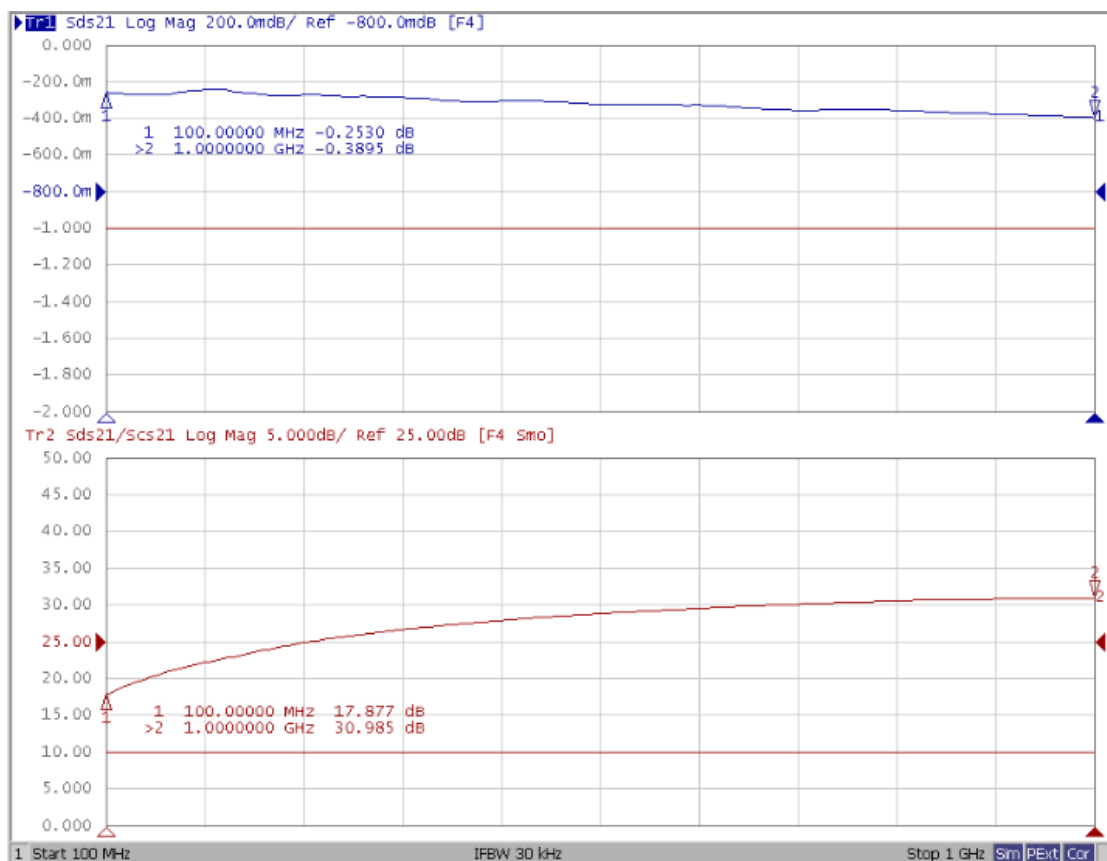
BCM2012F2SF-50011-TE2



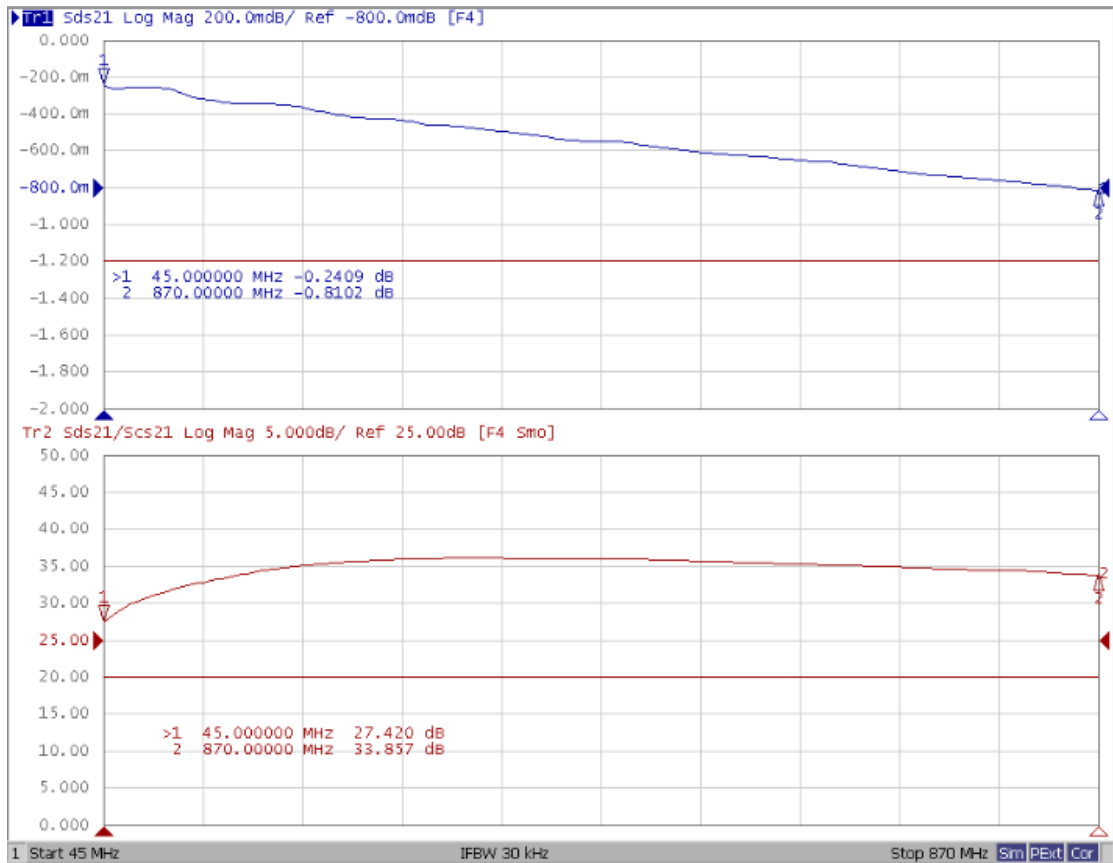
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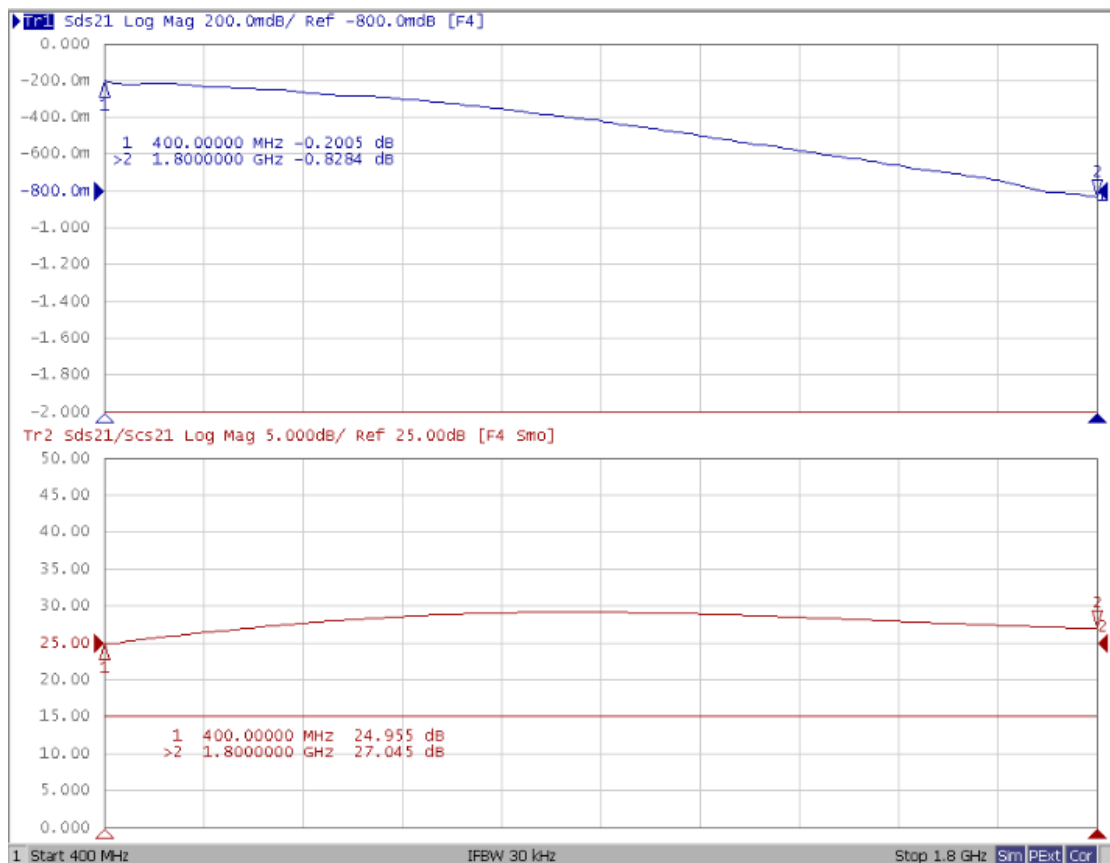
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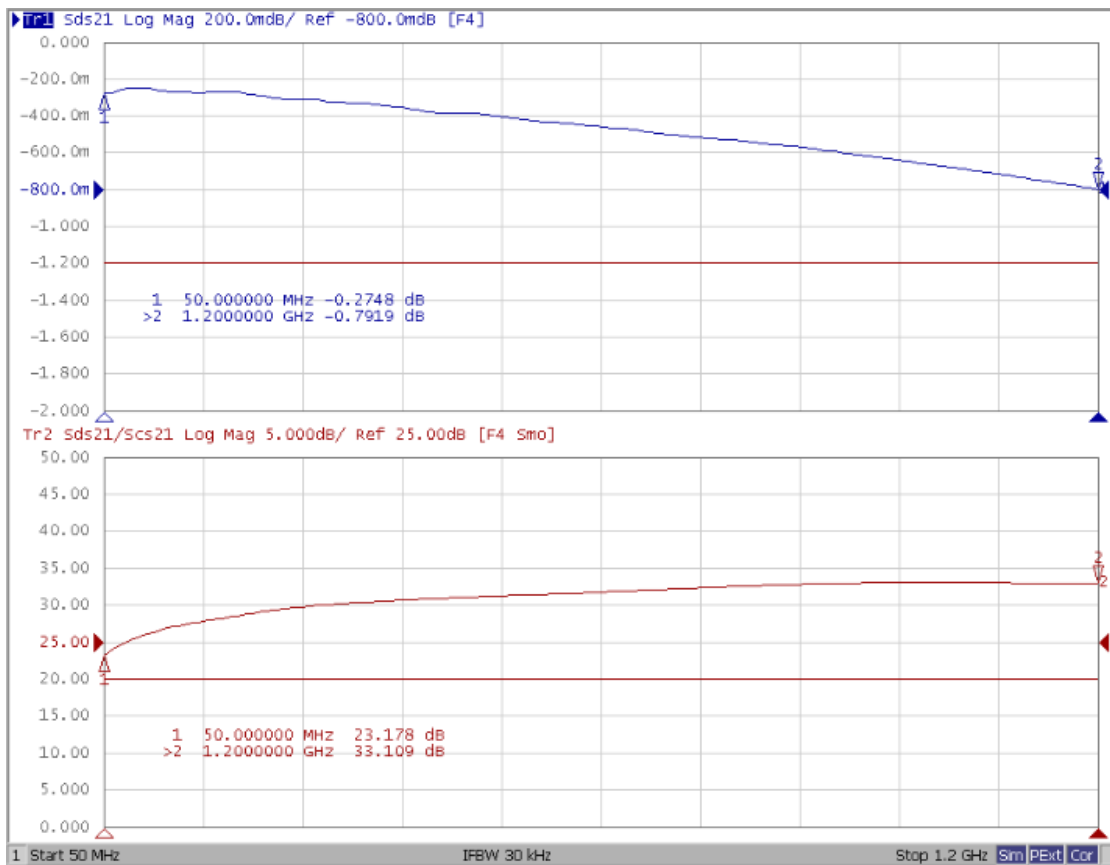
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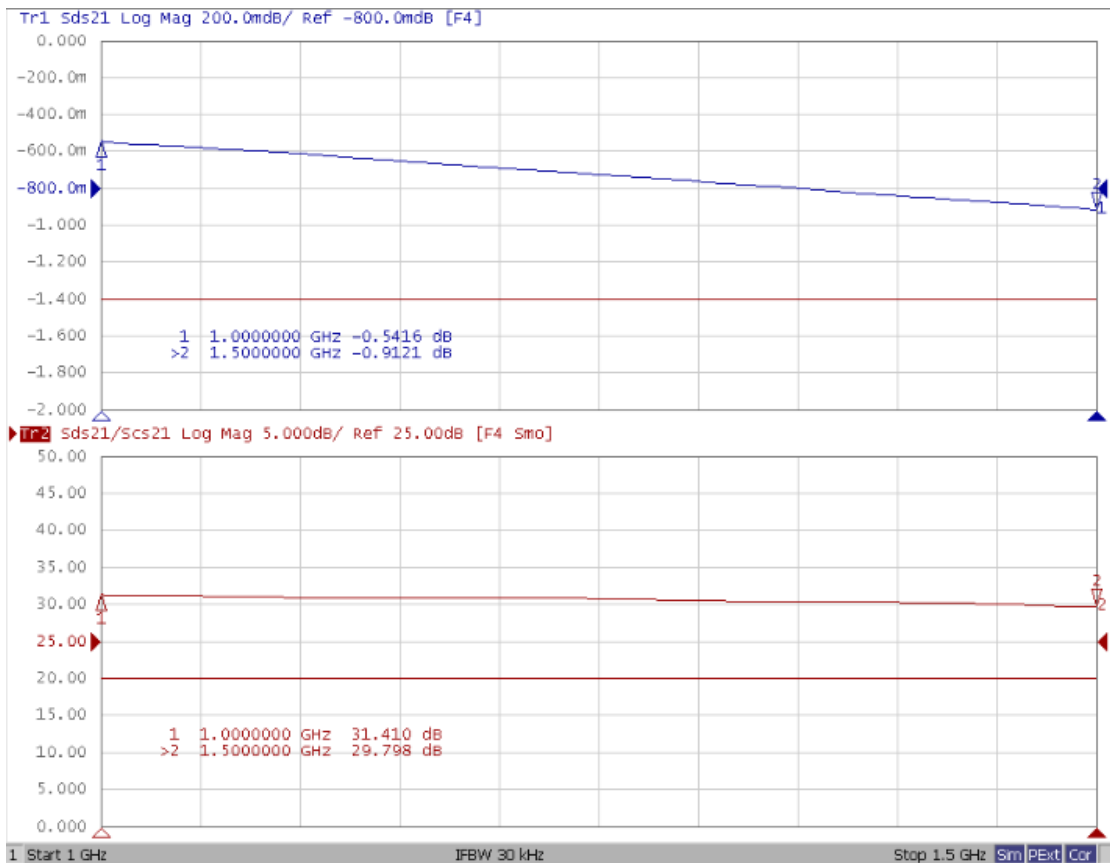
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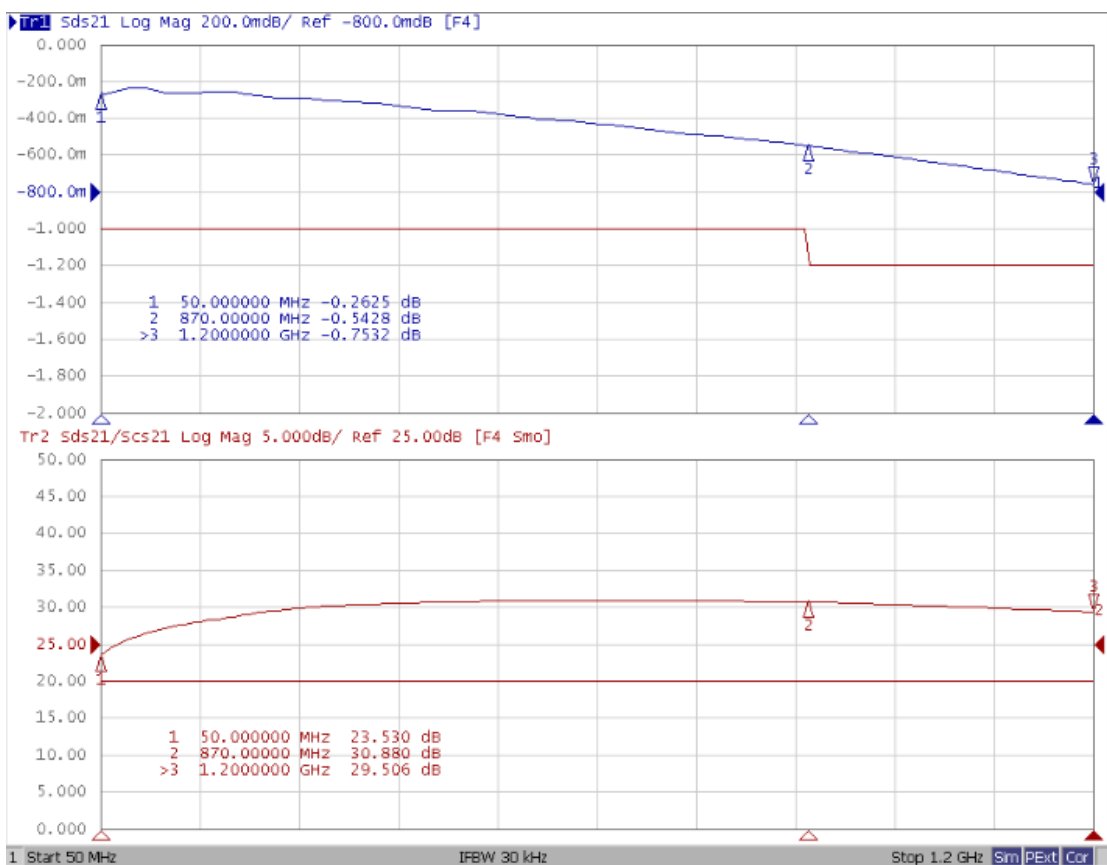
BCM2012F2SF-75011-T02



BCM2012F2SF-75011-MS2



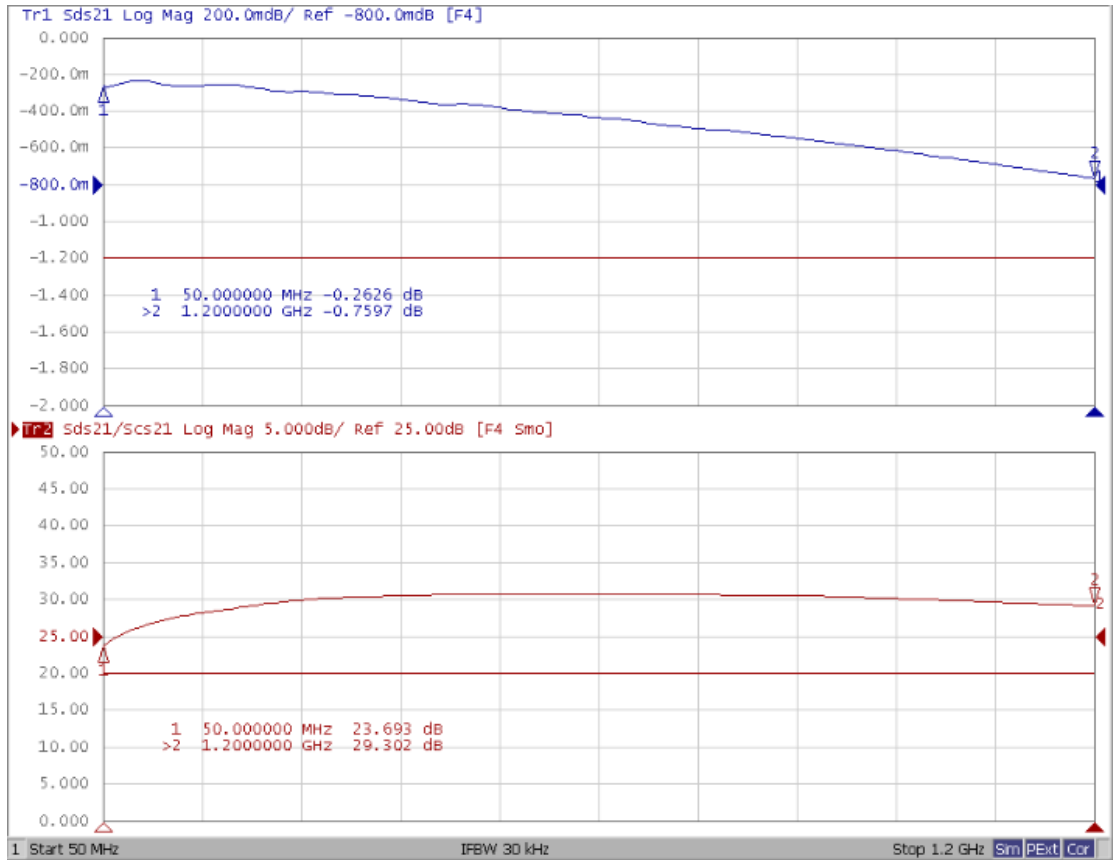
BCM2012F2SF-75011-MT2



BCM2012F2SF-75011-SA2



BCM2012F2SF-75011-SB2



BCM2012F2SF-75011-122

