

## ■ Waveguide Filter & Duplexer

### Waveguide Filter

Part Number	Frequency Range (GHz)	I.L (dB) / max	R.L. (dB) / min	In/Out Port	Attenuation (dB) / min
W0D3897B28A1.3A75W187S	3.883 ~ 3.911	1.3	-20	SMA/WR187	75 at f0 ± 268 MHz
W0D3900B37A1.1A75W187S	3.8815 ~ 3.9185	1.1	-20	SMA/WR187	75 at f0 ± 268 MHz
W0D4699B28A1.3A75W187S	4.685 ~ 4.713	1.3	-20	SMA/WR187	75 at f0 ± 268 MHz
W0D4700B37A1.1A75W187S	4.6815 ~ 4.7185	1.1	-20	SMA/WR187	75 at f0 ± 268 MHz
W0E6167.5B28A1.3A75W137S	6.1535 ~ 6.1815	1.3	-20	SMA/WR137	75 at f0 ± 268 MHz
W0E6757.5B28A1.8A75W137S	6.7435 ~ 6.7715	1.8	-20	SMA/WR137	75 at f0 ± 268 MHz
W0E7502B28A1.9A75W112S	7.488 ~ 7.516	1.9	-20	SMA/WR112	75 at f0 ± 268 MHz
W2I7500B500L0.4A70W90	7.250 ~ 7.750	0.4	-18	WR90	70 at 7900 ~ 8400 MHz
W1E8150B500L0.7A100N	7.900 ~ 8.400	0.7	-18	N-type(f)	100 at 7250 ~ 7750 MHz
W0E8111B28A2.2A75W112S	8.097 ~ 8.125	2.2	-20	SMA/WR112	75 at f0 ± 268 MHz
W0E8350B28A2.4A75W112S	8.336 ~ 8.364	2.4	-20	SMA/WR112	75 at f0 ± 268 MHz
W0E10331B28A2.2A75W90S	10.317 ~ 10.345	2.2	-20	SMA/WR90	75 at f0 ± 268 MHz
W0E11200B28A2.0A75W90S	11.186 ~ 11.214	2.0	-20	SMA/WR90	75 at f0 ± 268 MHz
W0E12996B28A2.5A75W75S	12.982 ~ 13.010	2.5	-20	SMA/WR75	75 at f0 ± 268 MHz
W1B11725B2050L0.45A50W75	10.700 ~ 12.750	0.45	-19	WR75	50 at 13000 ~ 14500 MHz
W1BF11850B1800L0.5A80W75	10.950 ~ 12.750	0.5	-17	WR75	75 at DC~9500MHz 80 at 13750MHz~14500MHz
W0E14125B750L0.3A40W75	13.750 ~ 14.125	0.3	-18	WR75	40 at 10700 ~ 12750 MHz
W0EF14750B2500L1.0A40S	13.500 ~ 16.000	1.0	-14	SMA(f)	40 at DC ~ 12.00GHz 40 at 18.00 ~ 25.00GHz
W0DF12807B84L2.0A65W75	12.765~12.849	2.0	-15	WR75	65 at 12.40& 13.20 GHz
W0DF12807B112L1.7A65W75	12.751~12.863	1.7	-15	WR75	65 at 12.40& 13.20 GHz
W0DF12929B84L2.0A65W75	12.877~12.961	2.0	-15	WR75	65 at 12.50& 13.40 GHz
W0DF13073B84L2.0A65W75	13.031~13.115	2.0	-15	WR75	65 at 12.70& 13.50 GHz
W0DF13073B112L1.7A65W75	13.017~13.129	1.7	-15	WR75	65 at 12.70& 13.50 GHz
W0DF13185B84L2.0A65W75	13.143~13.227	2.0	-15	WR75	65 at 12.70& 13.60 GHz
W0GF14610B420L1.5A60W62	14.400~14.820	1.5	-17	WR62	60 at 14.05& 15.17 GHz
W0DF14795B100L1.7A60W62	14.745~14.845	1.7	-17	WR62	60 at 14.20& 15.40 GHz
W0DF15215B100L1.7A60W62	15.165~15.265	1.7	-17	WR62	60 at 14.70& 15.80 GHz
W0FF15250B200L1.7A60W62	15.150~15.350	1.7	-17	WR62	60 at 14.90& 15.65 GHz
W0FF17835B270L1.0A65W42	17.700~17.970	1.0	-17	WR42	65 at 17.25& 18.55 GHz
W0FF17900B400L1.0A65W42	17.700~18.100	1.0	-17	WR42	65 at 17.20& 18.90 GHz
W0FF17975B440L1.0A65W42	17.755~18.195	1.0	-17	WR42	65 at 17.20& 19.00 GHz
W0FF18415B440L1.0A65W42	18.195~18.635	1.0	-17	WR42	65 at 17.70& 19.30 GHz
W0EF18585B270L1.0A65W42	18.450~18.720	1.0	-17	WR42	65 at 17.95& 19.40 GHz
W0FF18845B270L1.0A65W42	18.710~18.980	1.0	-17	WR42	65 at 18.35& 19.40 GHz

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W0FF18985B440L1.0A65W42	18.765~19.205	1.0	-17	WR42	65 at 18.25& 19.90 GHz
W0FF19040B400L1.2A65W42	18.840~19.240	1.2	-17	WR42	65 at 18.35& 19.90 GHz
W0FF19425B440L1.0A65W42	19.205~19.645	1.0	-17	WR42	65 at 18.70& 20.30 GHz
W0FF19600B400L1.2A65W42	19.400~19.800	1.2	-17	WR42	65 at 18.94& 20.40 GHz
W0FF19460B400L1.0A65W42	19.260~19.660	1.0	-17	WR42	65 at 18.85& 20.20 GHz
W0EF22150B300L1.5A60W34	22.000~22.300	1.5	-17	WR34	60 at 21.40& 23.00 GHz
W0EF22500B400L1.5A60W34	22.300~22.700	1.5	-20	WR34	60 at 21.65& 23.65 GHz
W0EF23150B300L1.5A60W34	23.000~23.300	1.5	-17	WR34	60 at 22.40& 24.00 GHz
W0DF24075B50L2.5A60W34	24.050~24.100	2.5	-15	WR34	60 at 23.75& 24.45 GHz
W0DF24225B50L2.5A60W34	24.200~24.250	2.5	-15	WR34	60 at 23.90& 24.60 GHz
W0EF24350B200L1.5A60W34	24.250~24.450	1.5	-17	WR34	60 at 23.70& 25.15 GHz
W0FF24500B400L1.5A60W34	24.300~24.700	1.5	-17	WR34	60 at 23.90& 25.20 GHz
W0EF24690B280L1.5A60W34	24.550~24.830	1.5	-17	WR34	60 at 24.00& 25.45 GHz
W0EF25150B200L1.5A60W34	25.050~25.250	1.5	-17	WR34	60 at 24.50& 25.85 GHz
W0EF25700B280L1.5A60W34	25.560~25.840	1.5	-17	WR34	60 at 25.00& 26.45 GHz
W0EF26400B300L1.5A65W34	26.250~26.550	1.5	-17	WR34	65 at 25.60& 27.50 GHz
W0EF27575B150L2.0A60W28	27.500~27.650	2.0	-17	WR28	60 at 27.20& 28.00 GHz
W0EF27612B208L1.7A60W28	27.508~27.716	1.7	-17	WR28	60 at 27.00& 28.30 GHz
W0EF27820B208L1.7A60W28	27.716~27.924	1.7	-17	WR28	60 at 27.25& 28.50 GHz
W0EF27925B150L2.0A60W28	27.850~28.000	2.0	-17	WR28	60 at 27.40& 28.50 GHz
W0EF28028B208L1.7A60W28	27.924~28.132	1.7	-17	WR28	60 at 27.50& 28.65 GHz
W0EF28600B400L1.5A65W28	28.400~28.800	1.5	-17	WR28	65 at 27.65& 29.75 GHz
W0FF29000B600L1.5A65W28	28.700~29.300	1.5	-17	WR28	65 at 28.80& 30.20 GHz
W0FF31000B600L1.5A65W28	30.700~31.300	1.5	-17	WR28	65 at 29.95& 32.20 GHz
W0EF32000B400L1.3A60W28	31.800~32.200	1.3	-17	WR28	65 at 30.80& 33.20 GHz
W0EF32070B400L1.2A65W28	31.870~32.270	1.2	-17	WR28	65 at 30.80& 33.30 GHz
W0EF33200B400L1.3A60W28	33.000~33.400	1.3	-17	WR28	60 at 32.00& 34.40 GHz
W0EF34500B460L1.3A65W28	34.270~34.730	1.3	-17	WR28	65 at 33.30& 35.85 GHz
W0GF35500B1000L1.5A60W28	35.000~36.000	1.5	-17	WR28	60 at 34.00& 37.00 GHz
W0FF37338B532L1.5A65W28	37.072~37.604	1.5	-17	WR28	65 at 36.20& 38.70 GHz
W0FF37898B532L1.5A65W28	37.632~38.164	1.5	-17	WR28	65 at 36.70& 39.20 GHz
W0FF37900B600L1.5A65W28	37.600~38.200	1.5	-17	WR28	65 at 36.60& 39.30 GHz
W0EF38598B532L1.5A65W28	38.332~38.864	1.5	-17	WR28	65 at 37.40& 39.90 GHz
W0EF38800B400L1.6A65W28	38.600~39.000	1.6	-17	WR28	65 at 37.60& 40.00 GHz

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W0EF39158B532L1.5A65W28	38.892~39.424	1.5	-17	WR28	65 at 37.90& 40.50 GHz
W0EF39160B600L1.5A65W28	38.860~39.460	1.5	-17	WR28	65 at 37.80& 40.50 GHz
W0EF39500B400L1.6A65W28	39.300~39.700	1.6	-17	WR28	65 at 38.30& 40.70 GHz
W0DF41310B380L1.8A60W22	41.120~41.500	1.8	-17	WR22	60 at 39.90& 43.00 GHz
W0GF58700B1400L1.8A60W15	58.000~59.400	1.8	-15	WR15	60 at 57.00& 60.50 GHz
W0GF59000B1900L1.7A60W15	58.050~59.950	1.7	-15	WR15	60 at 56.85& 61.50 GHz
W0DF59150B300L2.5A60W15	59.000~59.300	2.5	-15	WR15	60 at 58.00& 60.40 GHz
W0FF59400B800L2.0A60W15	59.000~59.800	2.0	-15	WR15	60 at 58.10& 60.90 GHz
W0DF60000B200L2.5A60W15	59.900~60.100	2.5	-17	WR15	60 at 58.90& 61.10 GHz
W1BF60500B7000L1.0A60W15	57.000~64.000	1.0	-15	WR15	60 at 55.50& 66.50 GHz
W0GF60600B1200L2.0A60W15	60.000~61.200	2	-17	WR15	60 at 59.00& 62.30 GHz
W0FF60700B500L2.0A60W15	60.450~60.950	2	-17	WR15	60 at 59.40& 62.10 GHz
W0DF60950B300L2.5A60W15	60.800~61.100	2.5	-15	WR15	60 at 59.80& 62.20 GHz
W0GF62300B1400L1.8A60W15	61.600~63.000	1.8	-15	WR15	60 at 60.60& 64.10 GHz
W0FF62400B600L2.0A60W15	62.100~62.700	2	-17	WR15	60 at 61.00& 63.80 GHz
W0GF63800B1200L2.0A60W15	63.200~64.400	2	-17	WR15	60 at 62.10& 65.50 GHz
W0EF64350B500L2.0A60W15	64.100~64.600	2	-17	WR15	60 at 63.00& 65.70 GHz
W0DF72820B400L2.5A60W12	72.620~73.020	2.5	-17	WR12	60 at 71.40& 74.30 GHz
W0DF74430B400L2.5A60W12	74.230~74.630	2.5	-17	WR12	60 at 73.02& 75.90 GHz

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Part Number	Frequency Range (GHz)	I.L (dB) / max	R.L. (dB) / min	In/Out Port	Attenuation (dB) / min
W1F11725F14125 B2000 L0.2 A100W75	L:10700~12750 H:13750~14500	0.2	-20	WR75	100 at Low Band 100 at High Band
W1BD12807F13073B84L2.5A65W75	L:12.765~12.849 H:13.031~13.115	2.5	-17	WR75	65 at Low Band 65 at High Band
W0JD12919F13185B84L2.5A65W75	L:12.877~12.961 H:13.143~13.227	2.5	-17	WR75	65 at Low Band 65 at High Band
W1JD14456F15100B140L1_5A80W62	L:14.386~14.526 H:15.030~15.170	1.5	-18	WR62	80 at Low Band 80 at High Band
W1JD14554F15198B140L1_5A80W62	L:14.484~14.624 H:15.128~15.268	1.5	-18	WR62	80 at Low Band 80 at High Band
W1JD14652F15296B140L1_5A80W62	L:14.582~14.722 H:15.226~15.366	1.5	-18	WR62	80 at Low Band 80 at High Band
W0JD14795F15215B100L1.5A65W75	L:14.745~14.845 H:15.165~15.265	1.5	-17	WR75	65 at Low Band 65 at High Band
W1BD17835F18845B270L1.5A75W42	L:17.700~17.970 H:18.710~18.980	1.5	-17	WR42	75 at Low Band 75 at High Band

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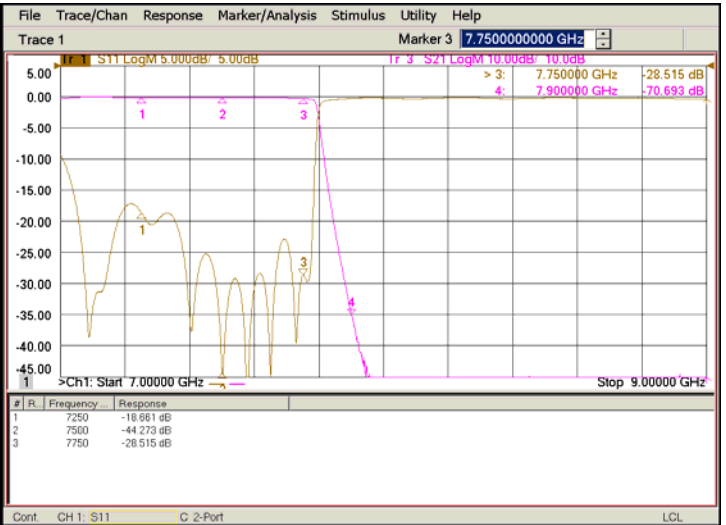
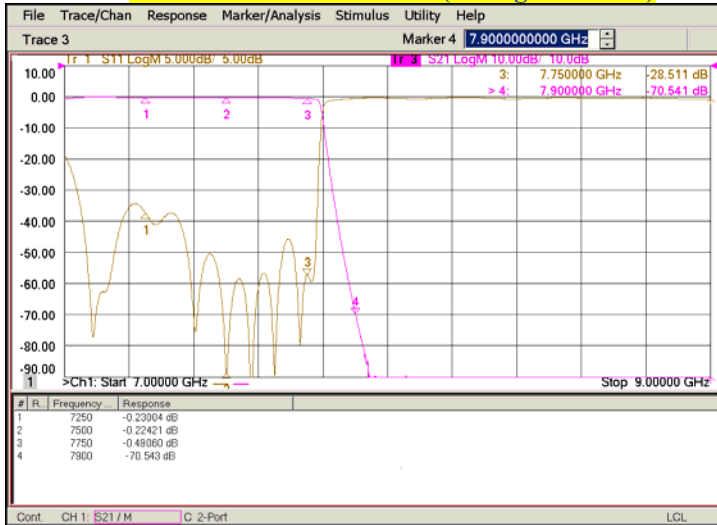
Part Number	Frequency Range (GHz)	I.L (dB) / max	R.L. (dB) / min	In/Out Port	Attenuation (dB) / min
W1B17920F19480B440L1.0A80S	L:17.700~18.140 H:19.260~19.700	1.0	-14	SMA(f)	80 at Low Band 80 at High Band
W1DD18415F19425B440L1.2A65W42	L:18.195~18.635 H:19.205~19.645	1.2	-17	WR42	65 at Low Band 65 at High Band
W1FD19040F19600B400L2.5A45W42	L:18.840~19.240 H:19.400~19.800	2.5	-17	WR42	45 at Low Band 45 at High Band
W0GD21230F23400B50-380L1.0A60W42	L:21.205~21.255 H:23.210~23.590	1.0	-14	WR42	60 at Low Band 60 at High Band
W0JD22150F23150B300L1.5A65W42	L:22.000~22.300 H:23.000~23.300	1.5	-17	WR42	65 at Low Band 65 at High Band
W0JD24075F24225B50L2.5A50W42	L:24.050~24.100 H:24.200~24.250	2.5	-17	WR42	50 at Low Band 50 at High Band
W1BD24350F25150B200L1.6A60W42	L:24.250~24.450 H:25.050~25.250	1.6	-17	WR42	60 at Low Band 60 at High Band
W1BD24690F25700B280L1.5A60W42	L:24.550~24.830 H:25.560~25.840	1.5	-17	WR42	60 at Low Band 60 at High Band
W1BD27820F28236B208L2.5A50W28	L:27.716~27.924 H:28.132~28.340	2.5	-17	WR28	50 at Low Band 50 at High Band
W0HD27716.5F28724.5B112L1.2A65W34	L:27.6605~27.7725 H:28.6685~28.7805	1.2	-16	WR34	65 at Low Band 65 at High Band
W0JD32000F33200B400L1.5A60W28	L:31.800~32.200 H:33.000~33.400	1.5	-17	WR28	60 at Low Band 60 at High Band
W1BD37338F38598B532L1.6A60W28	L:37.072~37.604 H:38.332~38.864	1.6	-17	WR28	60 at Low Band 60 at High Band
W1BD37900F39160B600L1.6A60W28	L:37.600~38.200 H:38.860~39.460	1.6	-17	WR28	60 at Low Band 60 at High Band
W1DD38800F39500B400L1.6A50W28	L:38.600~39.000 H:39.300~39.700	1.6	-17	WR28	50 at Low Band 50 at High Band
W1J55954F56570B224L3 0A55W15	L:55.842~56.066 H:56.458~56.682	3.0	-18	WR15	55 at Low Band 55 at High Band
W1B56206F56822B280L3 0A55W15	L:56.066~56.346 H:56.682~56.962	3.0	-18	WR15	55 at Low Band 55 at High Band
W1B57325F58225B450L3 0A55W15	L:57.100~57.550 H:58.000~58.450	3.0	-18	WR15	55 at Low Band 55 at High Band
W1BD58700F62300B1400L1.7A60W15	L:58.000~59.400 H:61.600~63.000	1.7	-15	WR15	60 at Low Band 60 at High Band
W0JD59150F60950B300L2.5A75W15	L:59.000~59.300 H:60.800~61.100	2.5	-15	WR15	75 at Low Band 75 at High Band
W1DD60600F63800B1200L2.0A75W15	L:60.000~61.200 H:63.200~64.400	2.0	-15	WR15	75 at Low Band 75 at High Band
W1FD62500F64350B1000L2.0A70W15	L:62.000~63.000 H:63.850~64.850	2.0	-15	WR15	70 at Low Band 70 at High Band
W0HD71625F81625B1250L1.5A70W12	L:71.000~72.250 H:81.000~82.250	1.5	-15	WR12	70 at Low Band 70 at High Band
W1FD72000F75000B1600L2.0A70W12	L:71.200~72.800 H:74.200~75.800	2.0	-14	WR12	70 at Low Band 70 at High Band
W1DD73500F83500B5000L0.8A60W12	L:71.000~76.000 H:81.000~86.000	0.8	-12	WR12	60 at Low Band 60 at High Band
W1BD74625F84625B2000L1.0A40W12	L:73.625~75.625 H:83.625~85.625	1.0	-18	WR12	40 at Low Band 40 at High Band
W1FD82000F85000B1600L2.0A70W12	L:81.200~82.800 H:84.200~85.800	2.0	-14	WR12	70 at Low Band 70 at High Band

# Waveguide Filter & Duplexer

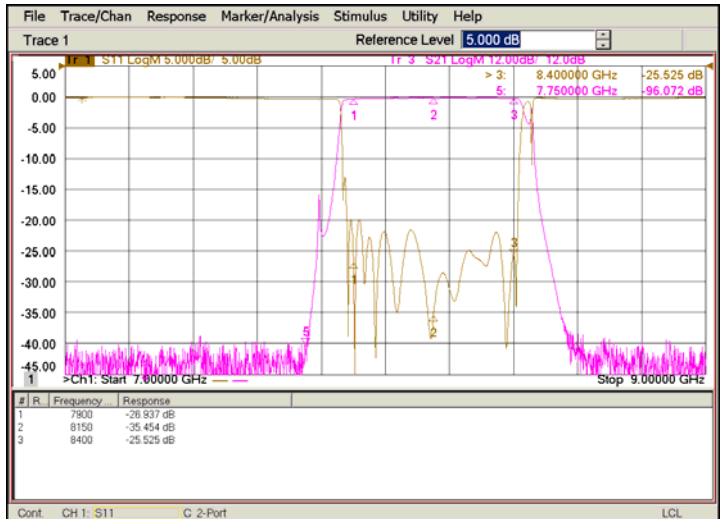
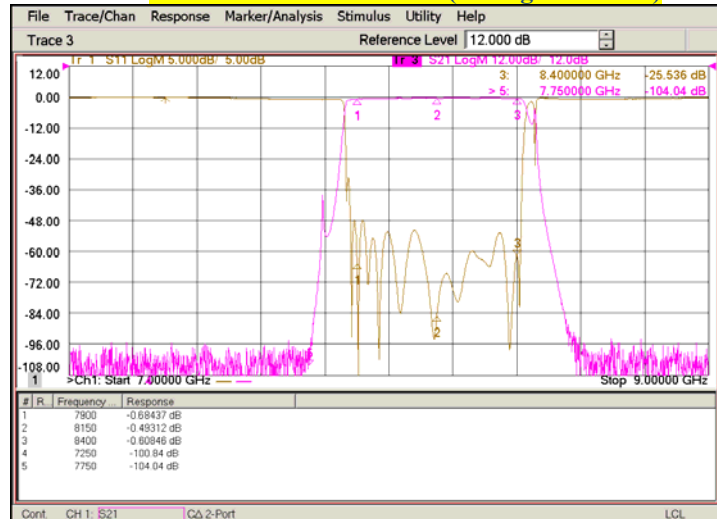
## Performance

### X-Band

-RTx P/N: **W2I7500B500L0.4A70W90(Waveguide Filter)**

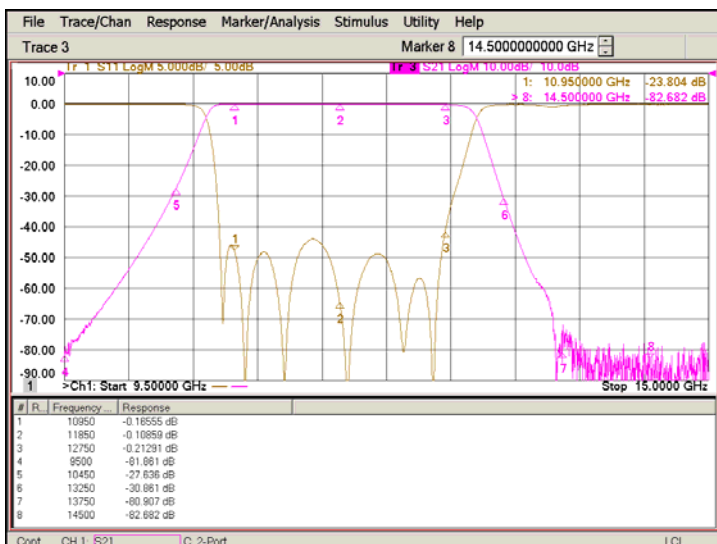


- RTx P/N: **W1E8150B500L0.7A100N(Waveguide Filter)**



### Ku-Band

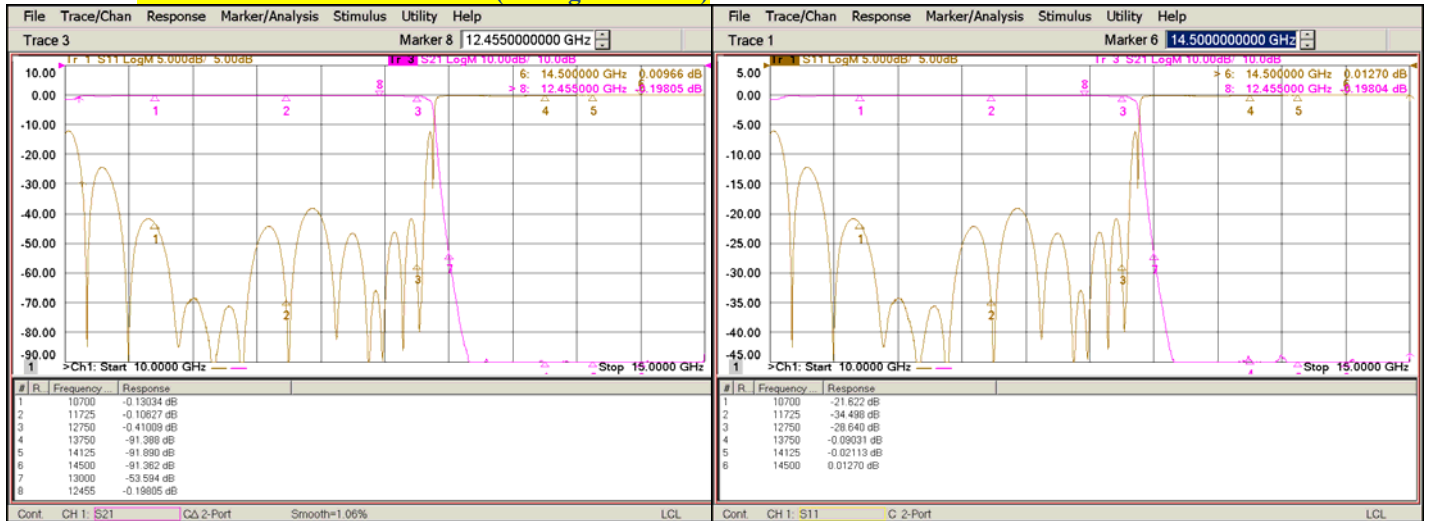
- RTx P/N: **W1B11850B1800L0.3A65W75(Waveguide Filter)**



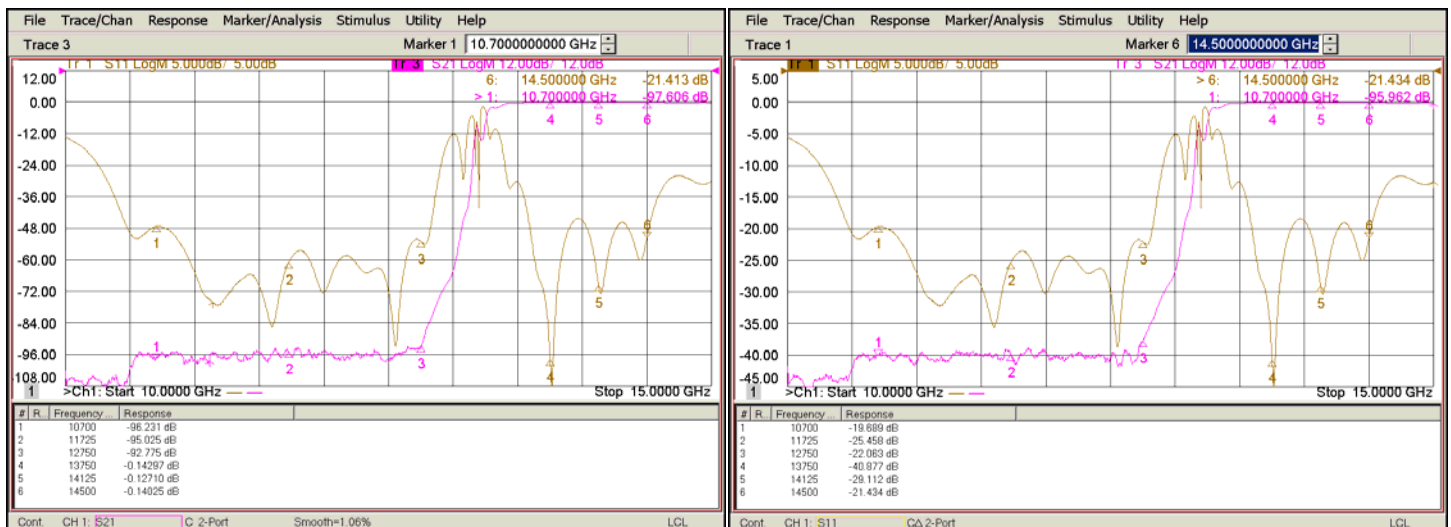
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## Performance

### - RTx P/N: **W1B11725B2050L0.45A50W75(Waveguide Filter)**



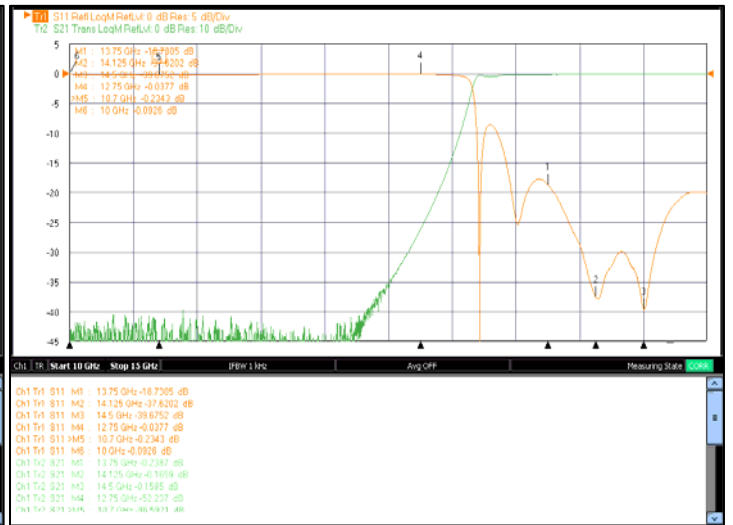
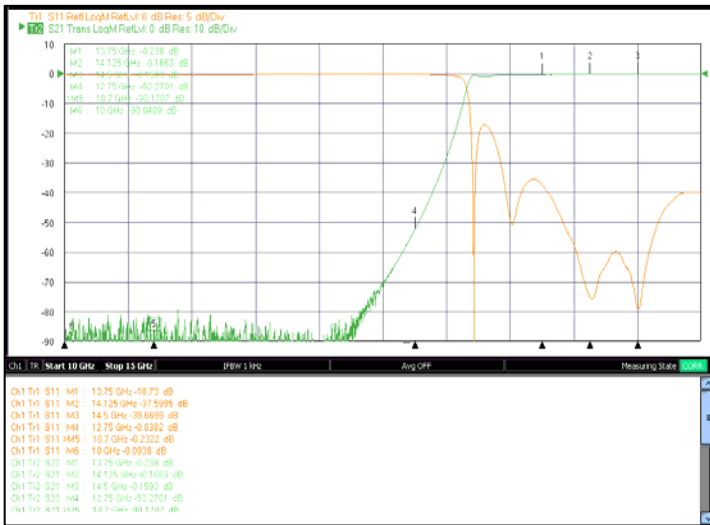
### - RTx P/N: **W1F11725F14125B2050-75L0.35A90W75(Waveguide Duplexer)**



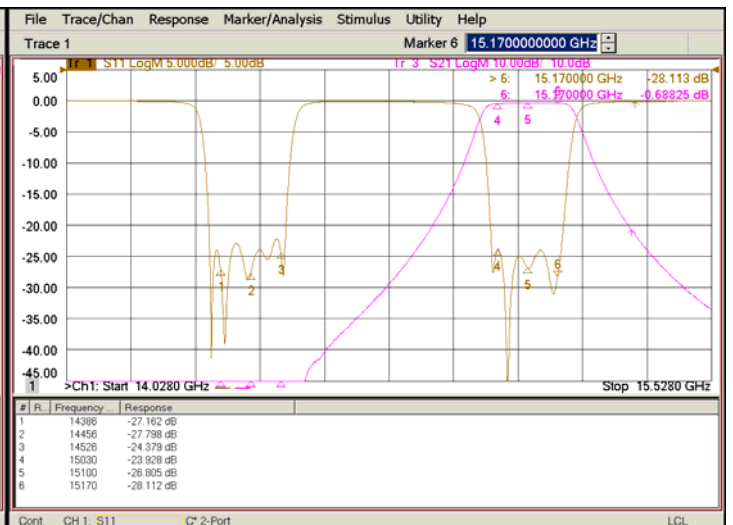
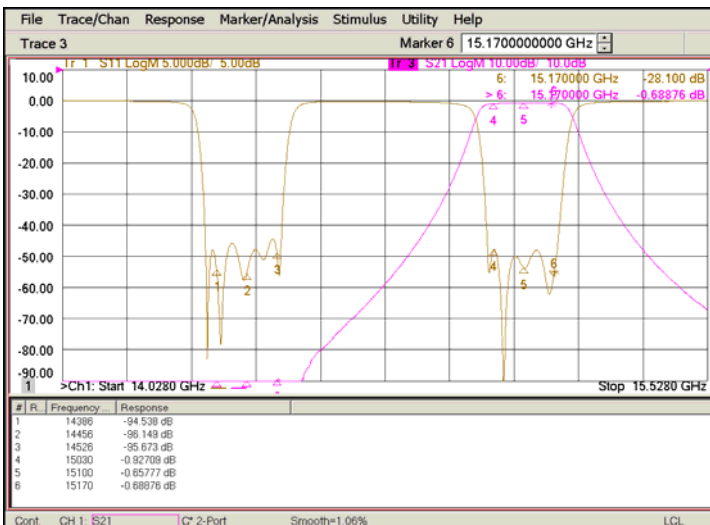
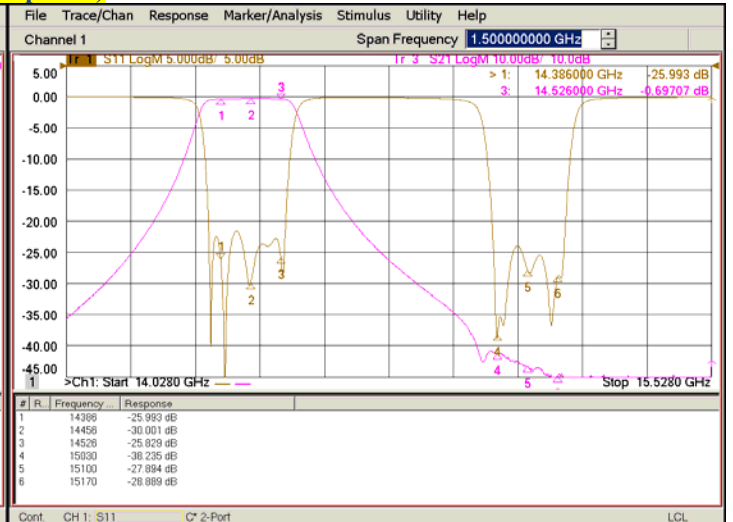
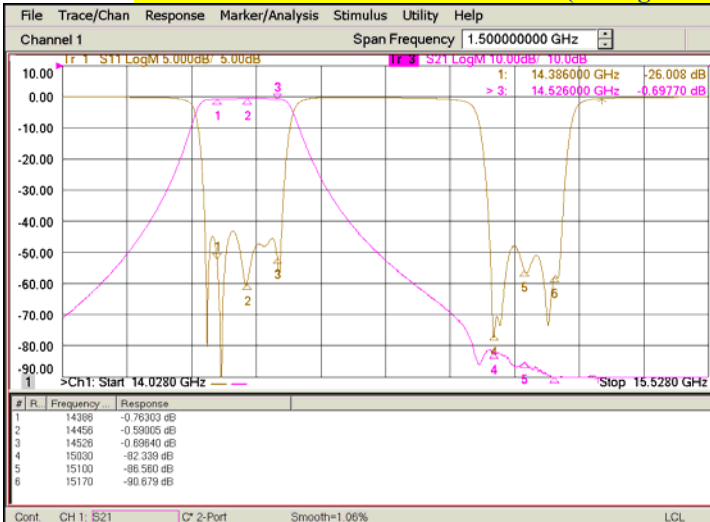
### - RTx P/N: **W0E14125B750L0.3A40W75(Waveguide Filter)**

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## Performance



### - RTx P/N: W1JD14456F15100B140L1.0A80W62(Waveguide Duplexer)

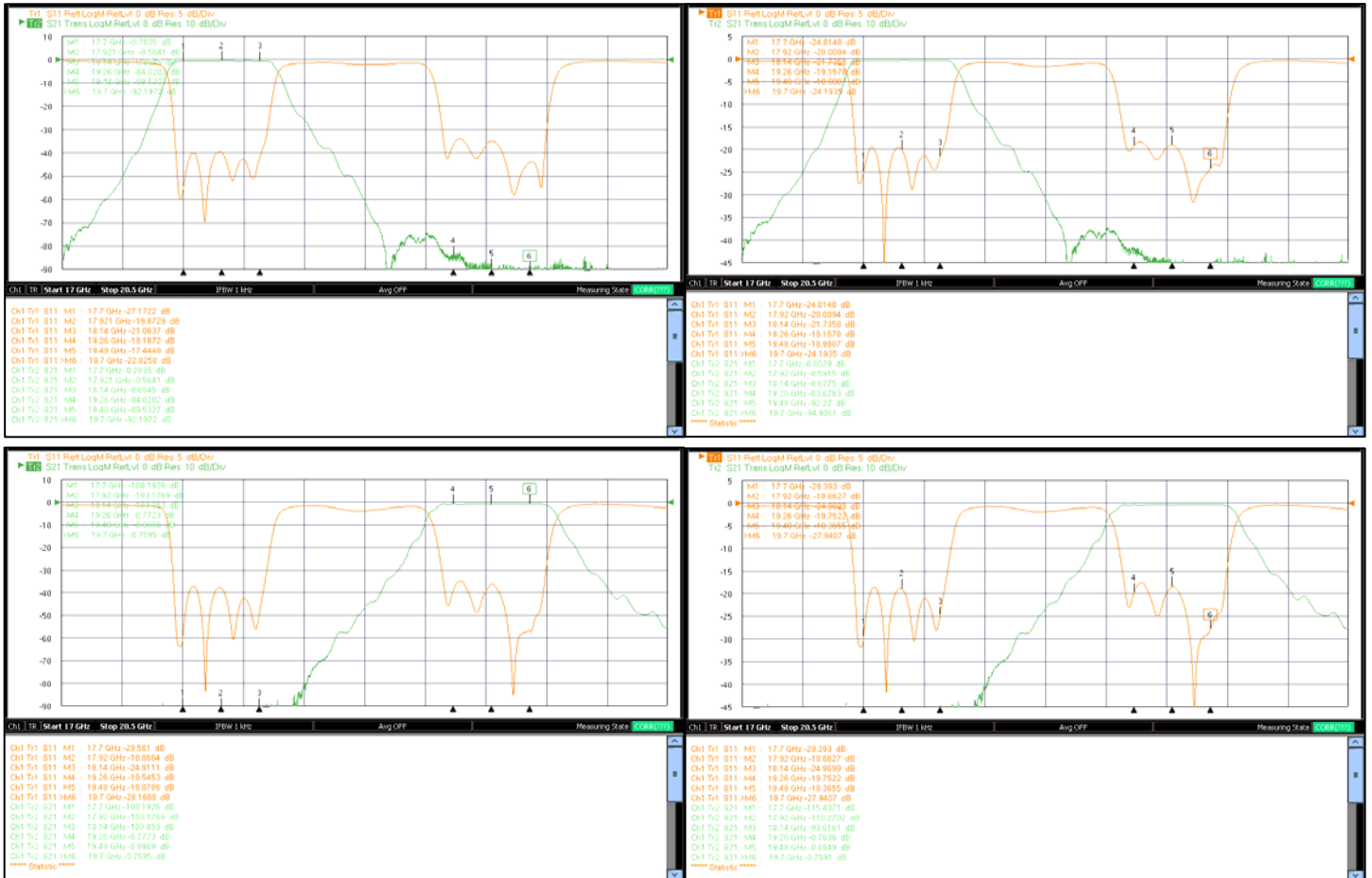


## K-Band

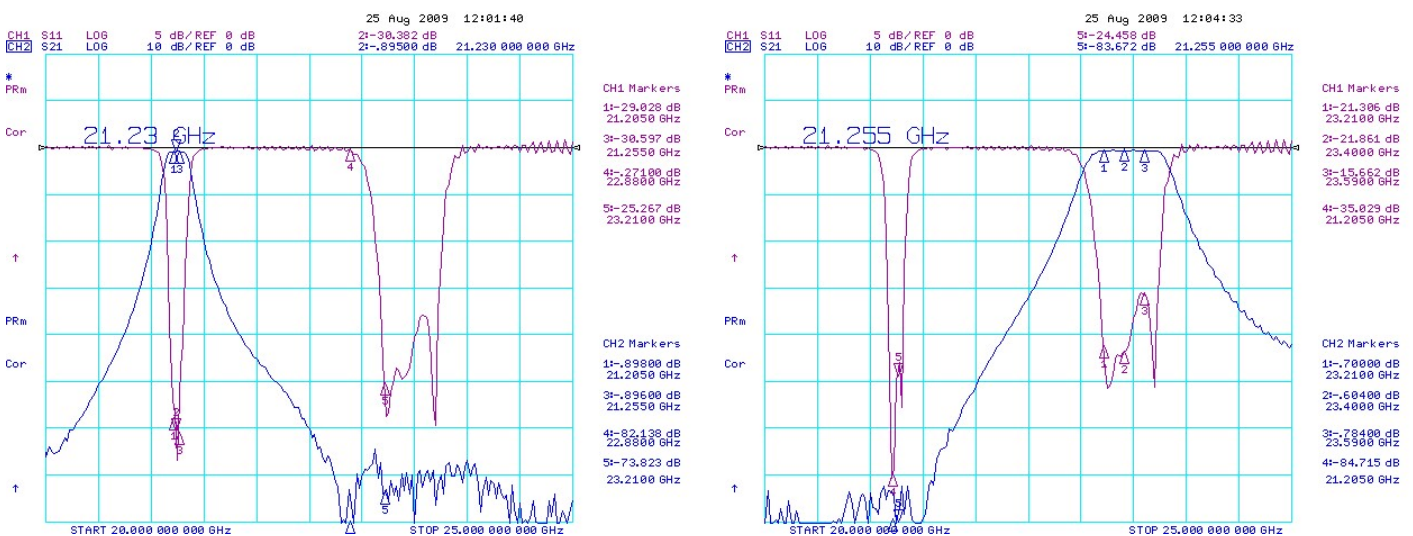
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## Performance

- RTx P/N: **W1B17920F19480B440L1.0A80S(Waveguide Duplexer)**



- RTx P/N: **W0GD21230F23400B50-380L1.0A60W42(Waveguide Duplexer)**

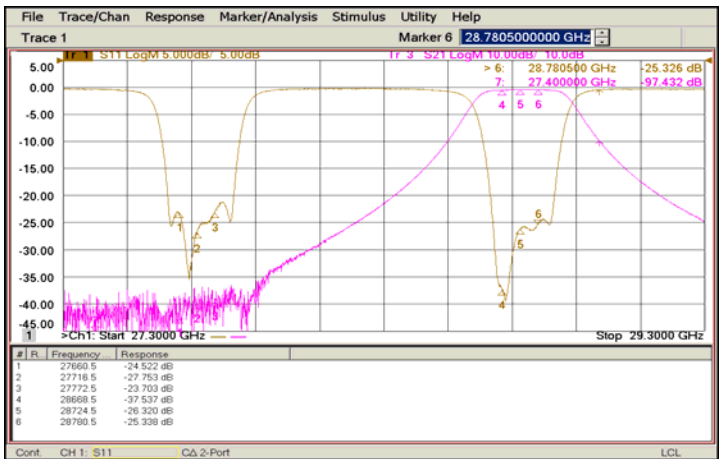
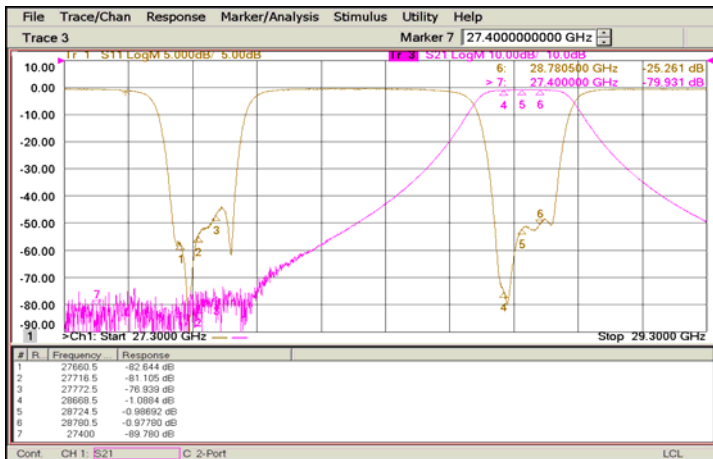
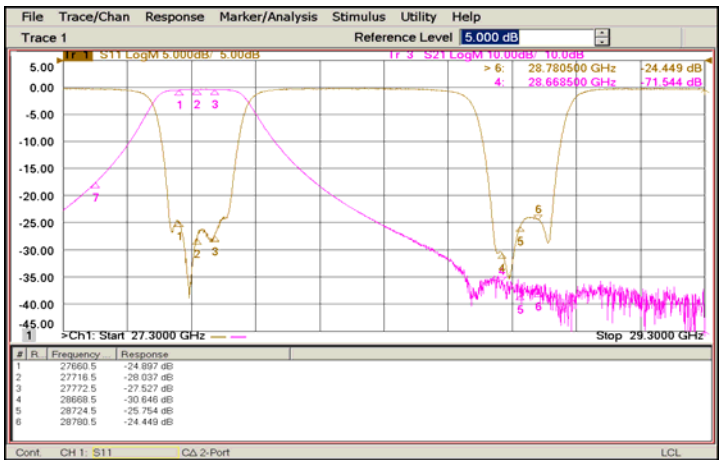
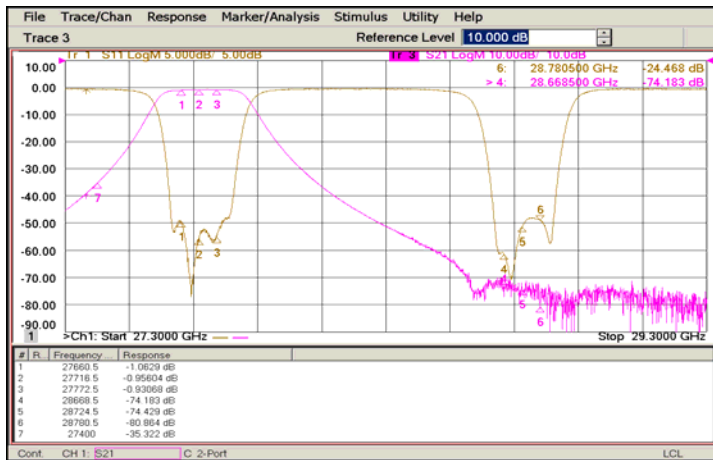


## Ka-Band

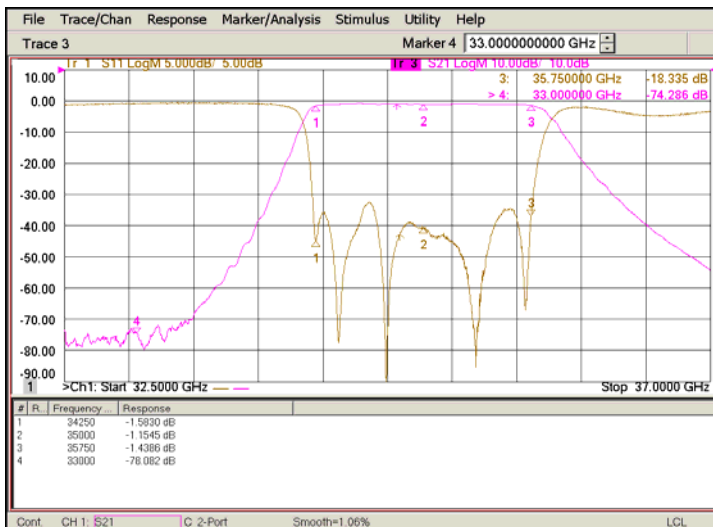
- RTx P/N: **W0HD27716.5F28724.5B112L1.2A65W34(Waveguide Duplexer)**

# Waveguide Filter & Duplexer

## Performance



### - RTx P/N: **W0G35000B1500L1.8A60K(Waveguide Filter)**

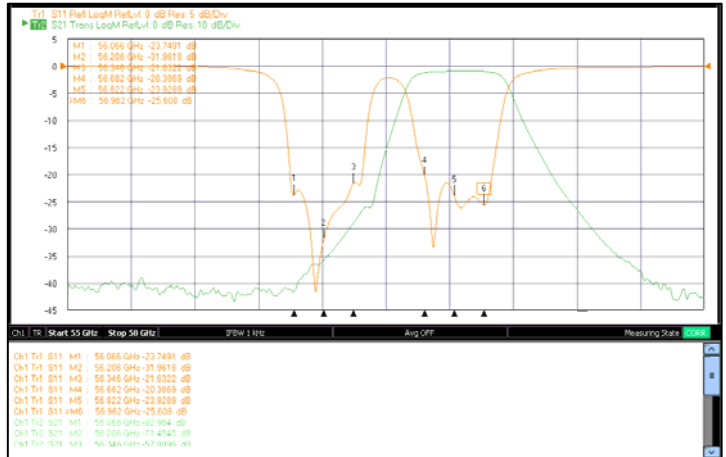
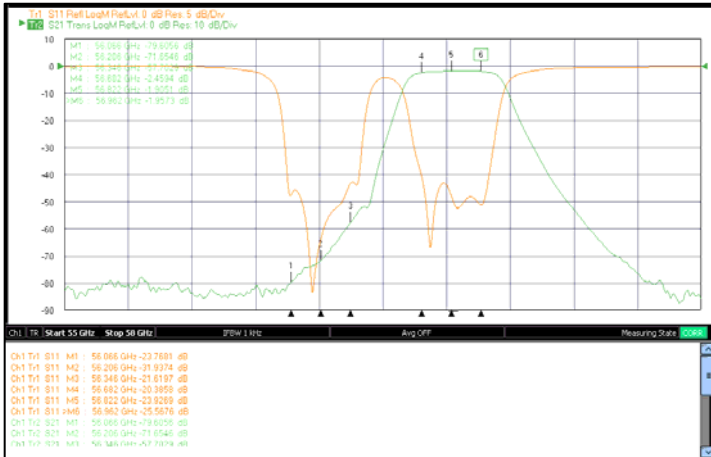
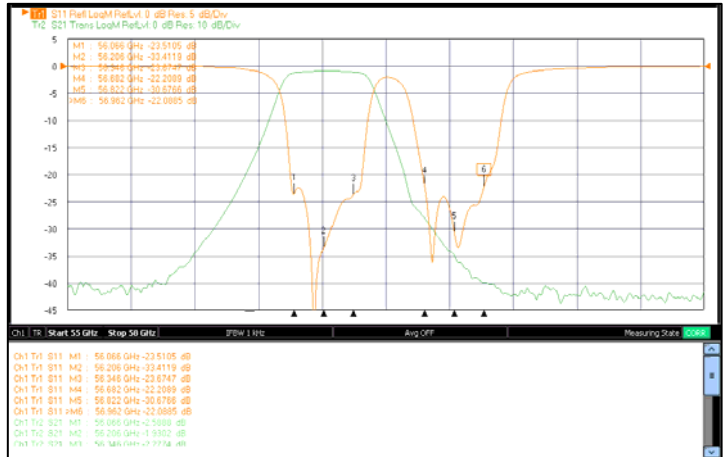
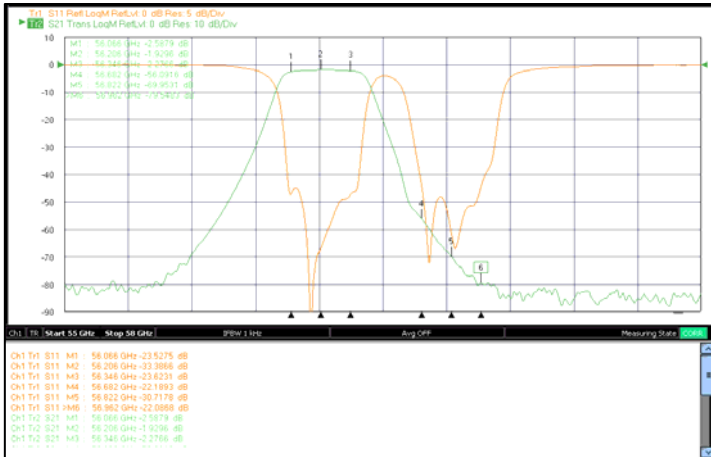


### ■ V-Band

#### - RTx P/N: **W1B56206F56822B280L3.0A55W15(Waveguide Duplexer)**

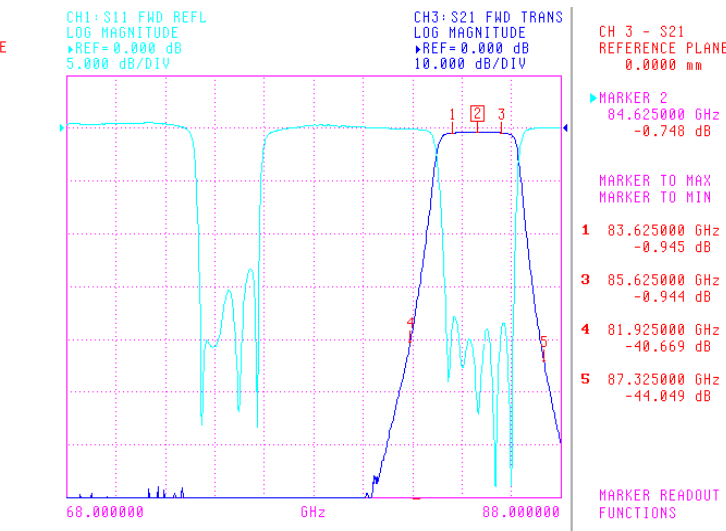
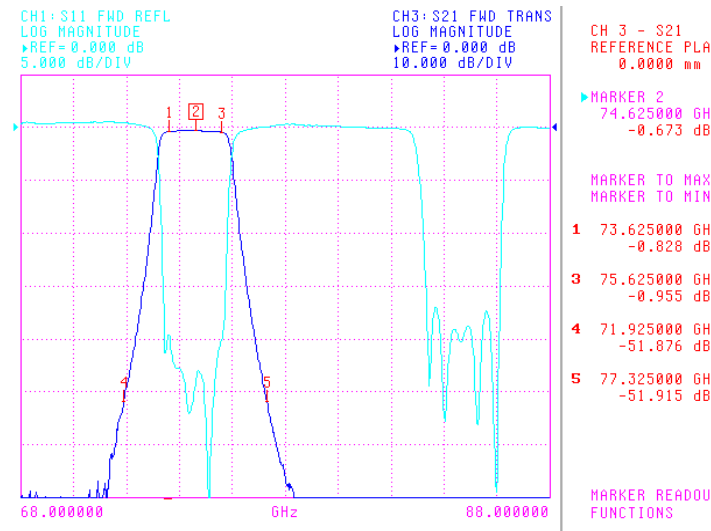
# Waveguide Filter & Duplexer

## Performance



## E-Band

- RTx P/N: **W1B74625F84625B2000L1.0A40W12(Waveguide Duplexer)**



- RTx P/N: **W1CD73500F83500B5000L1.0A60W12(Waveguide Duplexer)**

# Waveguide Filter & Duplexer

## Performance

