Annex no. 3

Occupied Bandwidth Plot

Date: 2012-06-11   Vers. no. 1.12

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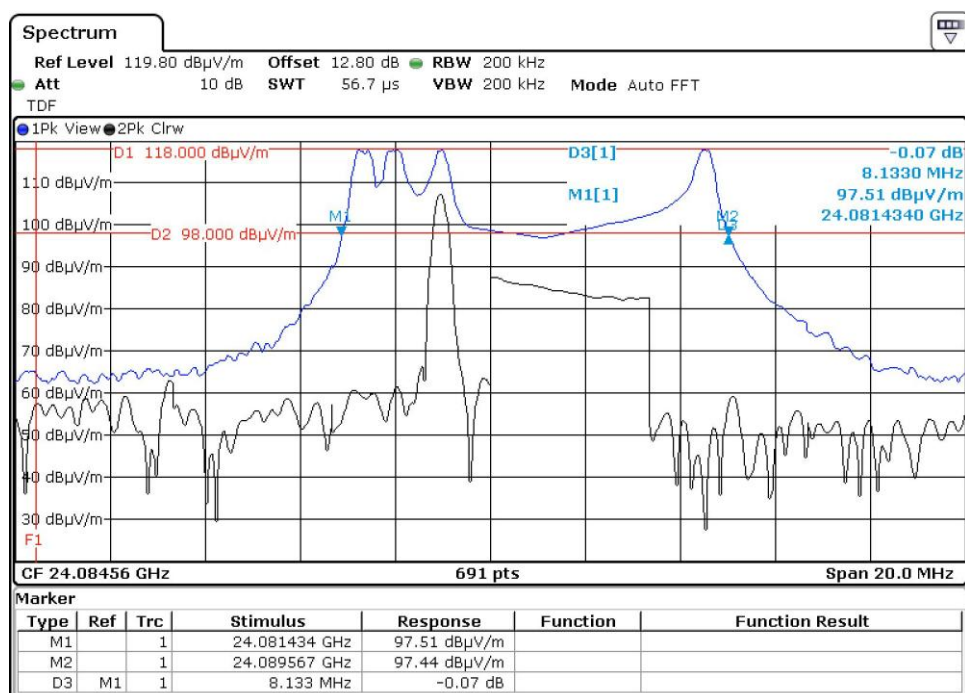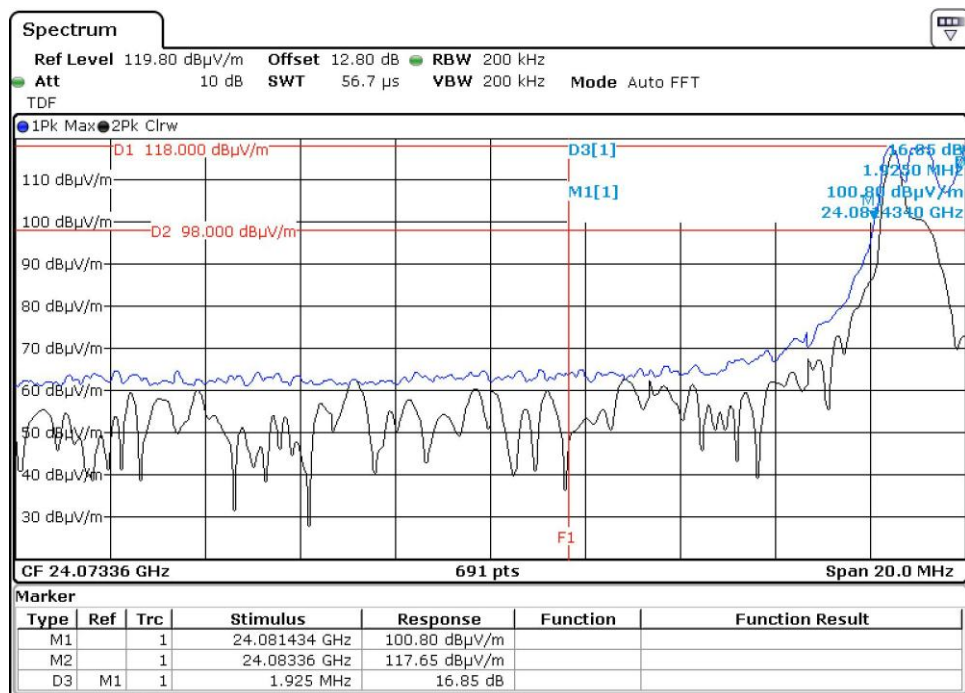
20 dB bandwidth / UMRR-0A0303-200301-070601

Spectrum

Ref Level 133.00 dBµV   Offset 36.00 dB ● RBW 1 MHz
● Att   5 dB   SWT   3 ms   VBW 1 MHz   Mode Auto Sweep

● 1Pk Max

M1[1]	98.62 dBµV
	24.077820 GHz
M2[1]	98.90 dBµV
	24.173050 GHz

D1 116.100 dBµV

D2 96.100 dBµV

CF 24.125 GHz   Span 200.0 MHz

Marker

No	Type	Trc	Stimulus	Response	Function	Function Result
1	1N	1	24.07782 GHz	98.62 dBµV	■	
2	2N	1	24.17305 GHz	98.90 dBµV	■	
3	3D	1	95.22 MHz	0.28 dB	■	

99 % dB bandwidth / UMRR-0A0303-200301-070601

Date: 2012-06-11   Vers. no. 1.12

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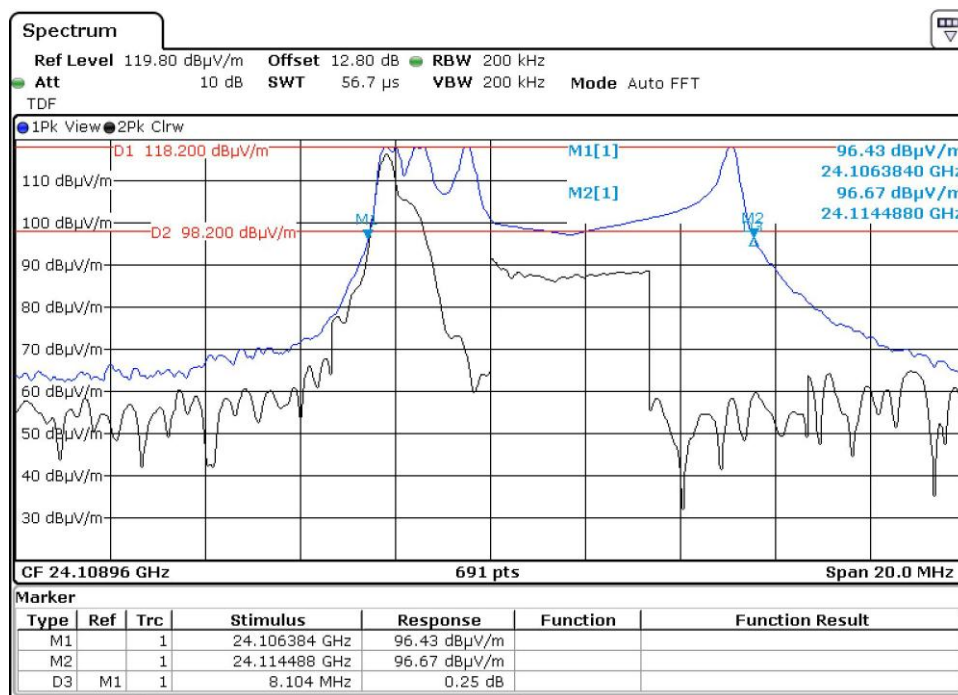
20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB6)

20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB7)
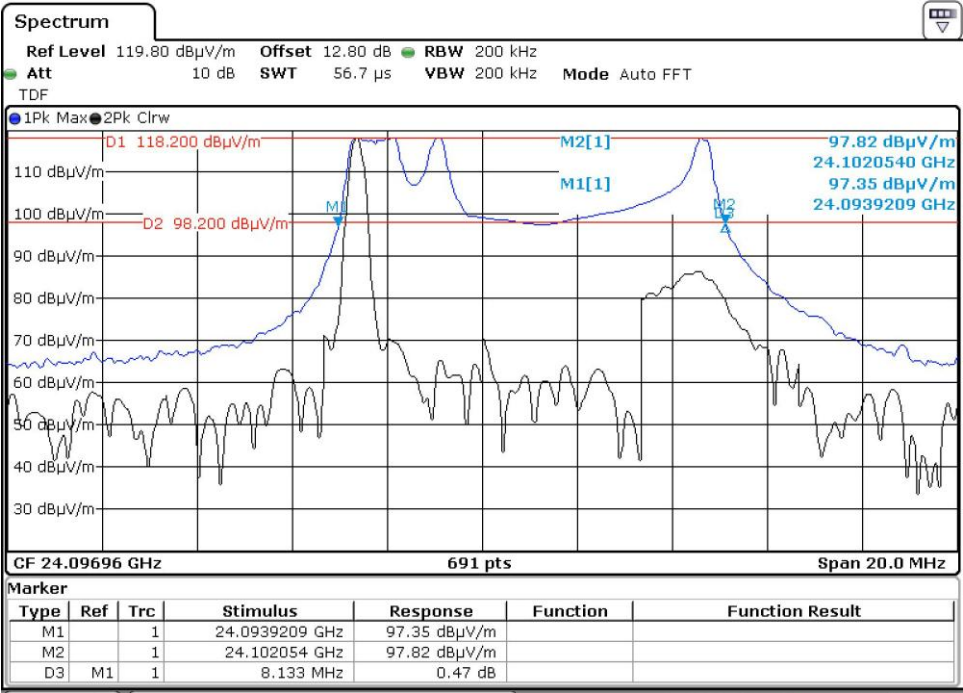
Date: 2012-06-11   Vers. no. 1.12

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20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB8)

Date: 2012-06-11   Vers. no. 1.12

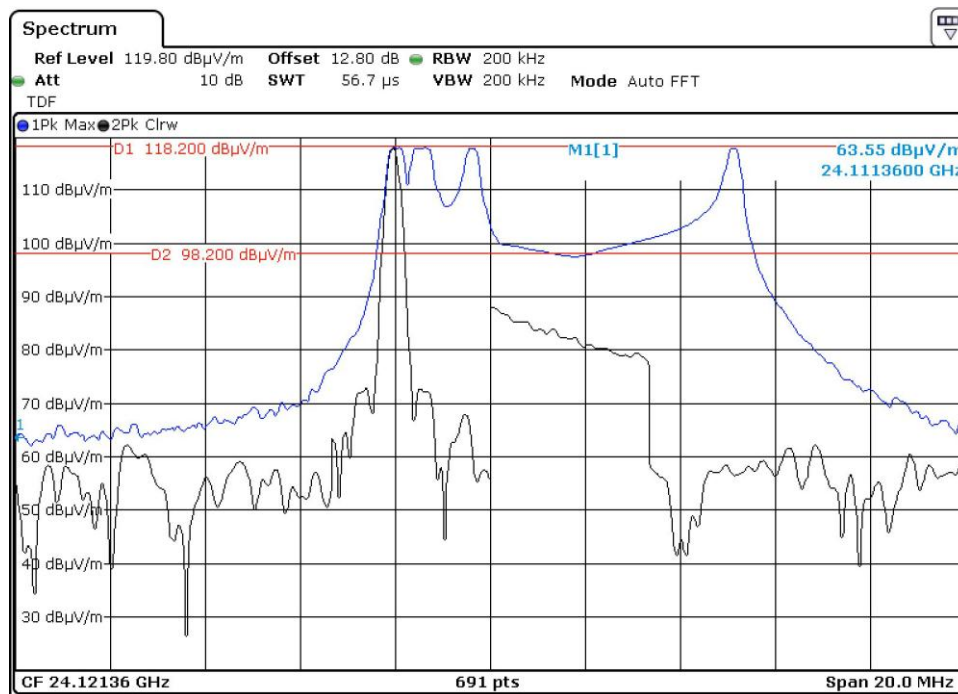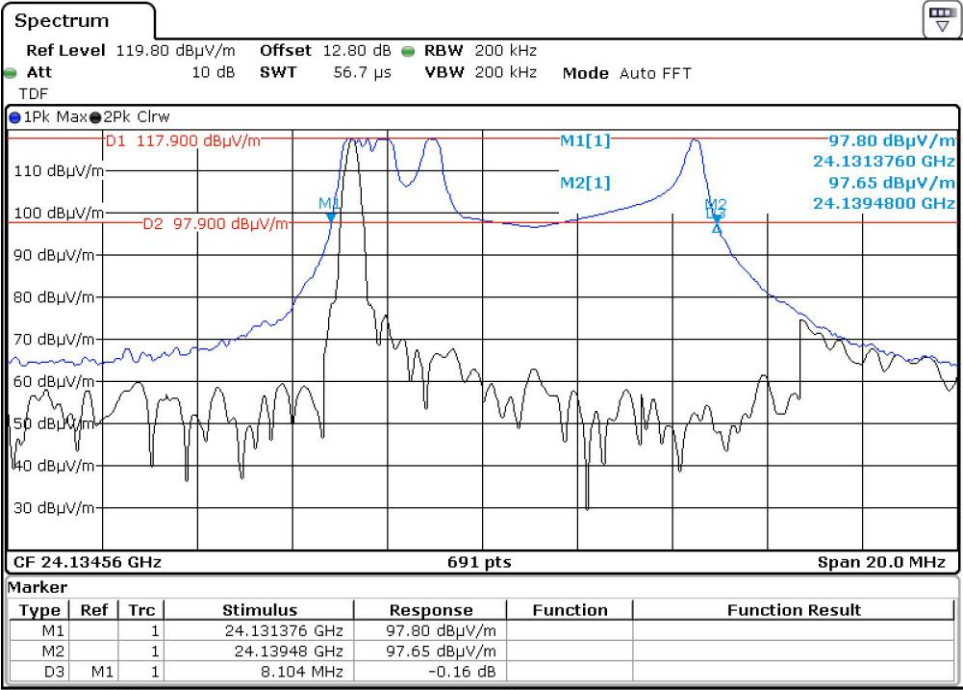**m. dudde hochfrequenz-technik   Rottland 5a   D-51429 Bergisch Gladbach/ Germany   Tel: +49 2207-96890   Fax +49 2207-968920**

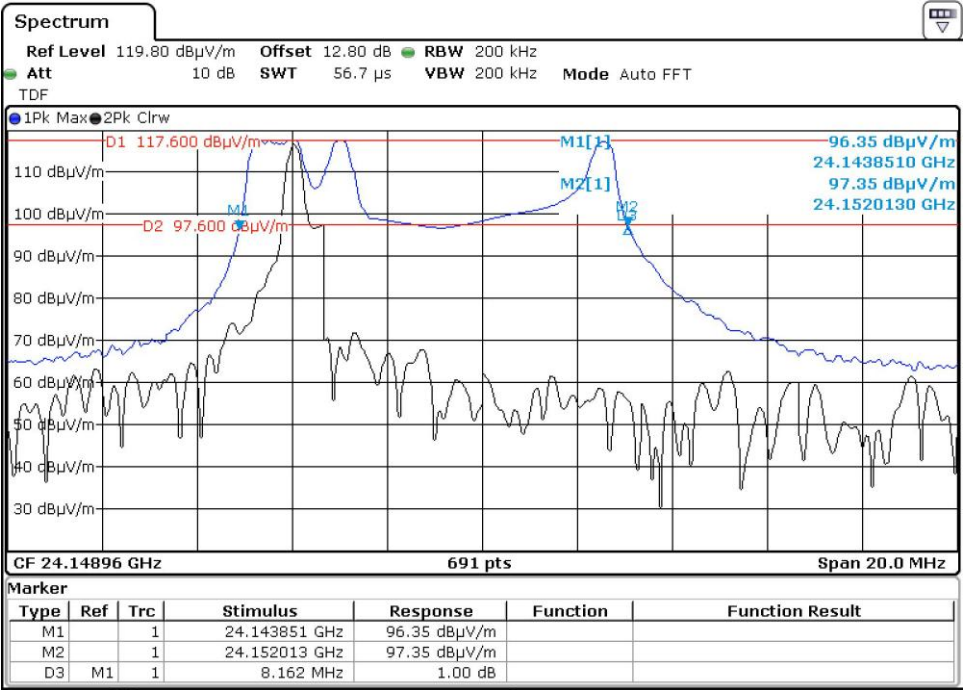# 20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB9)

20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB10)

Type	Ref	Trc	Stimulus	Response	Function	Function Result
M1		1	24.131376 GHz	97.80 dBµV/m		
M2		1	24.13948 GHz	97.65 dBµV/m		
D3	M1	1	8.104 MHz	-0.16 dB		

20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB11)

Spectrum

Ref Level 119.80 dBµV/m Offset 12.80 dB ● RBW 200 kHz
● Att   10 dB SWT 56.7 µs VBW 200 kHz Mode Auto FFT
TDF

● 1Pk Max ● 2Pk Clrw

D1 117.600 dBµV/m	M1[1]	96.35 dBµV/m
		24.1438510 GHz
110 dBµV/m	M2[1]	97.35 dBµV/m
100 dBµV/m		24.1520130 GHz
D2 97.600 dBµV/m		

CF 24.14896 GHz   691 pts   Span 20.0 MHz

Marker

Type	Ref	Trc	Stimulus	Response	Function	Function Result
M1		1	24.143851 GHz	96.35 dBµV/m		
M2		1	24.152013 GHz	97.35 dBµV/m		
D3	M1	1	8.162 MHz	1.00 dB		

20 dB bandwidth / UMRR-0A0303-200301-070601 (Sub band FB12)

Spectrum

Ref Level 119.80 dBµV/m Offset 12.80 dB ● RBW 200 kHz
● Att 10 dB SWT 56.7 µs VBW 200 kHz Mode Auto FFT
TDF
● 1Pk Max ● 2Pk Clrw

D1 117.200 dBµV/m — M1[1] — 89.71 dBµV/m
24.1647600 GHz
M2[1] 89.71 dBµV/m
24.1647600 GHz
D2 97.200 dBµV/m

110 dBµV/m
100 dBµV/m
M2
90 dBµV/m
80 dBµV/m
70 dBµV/m
60 dBµV/m
50 dBµV/m
40 dBµV/m
30 dBµV/m
F1

CF 24.17376 GHz 691 pts Span 20.0 MHz

Marker

Type	Ref	Trc	Stimulus	Response	Function	Function Result
M1		1	24.16476 GHz	89.71 dBµV/m		
M2		1	24.16476 GHz	89.71 dBµV/m		
D3	M1	1	0.0 Hz	0.00 dB		

Spectrum

Ref Level 119.80 dBµV/m Offset 12.80 dB ● RBW 200 kHz
● Att 10 dB SWT 56.7 µs VBW 200 kHz Mode Auto FFT
TDF
● 1Pk Max ● 2Pk Clrw

D1 117.200 dBµV/m — M1[1] — 96.60 dBµV/m
24.1564025 GHz
M2[1] 97.25 dBµV/m
24.1645070 GHz
D2 97.200 dBµV/m

110 dBµV/m
100 dBµV/m
M1
90 dBµV/m
80 dBµV/m
70 dBµV/m
60 dBµV/m
50 dBµV/m
40 dBµV/m
30 dBµV/m

CF 24.15976 GHz 691 pts Span 20.0 MHz

Marker

Type	Ref	Trc	Stimulus	Response	Function	Function Result
M1		1	24.1564025 GHz	96.60 dBµV/m		
M2		1	24.164507 GHz	97.25 dBµV/m		
D3	M1	1	8.104 MHz	0.65 dB		

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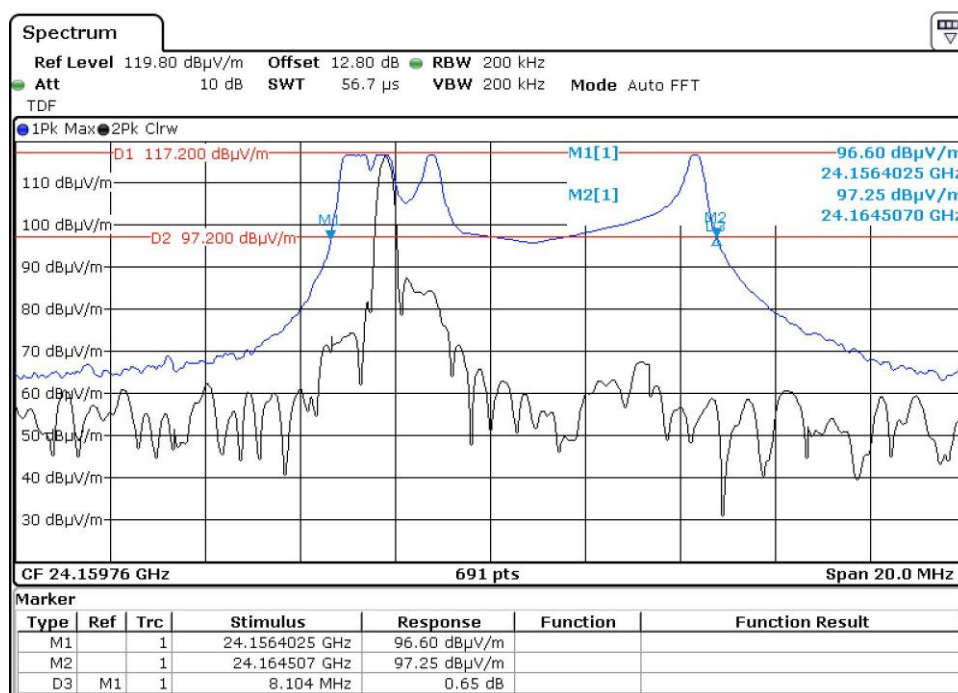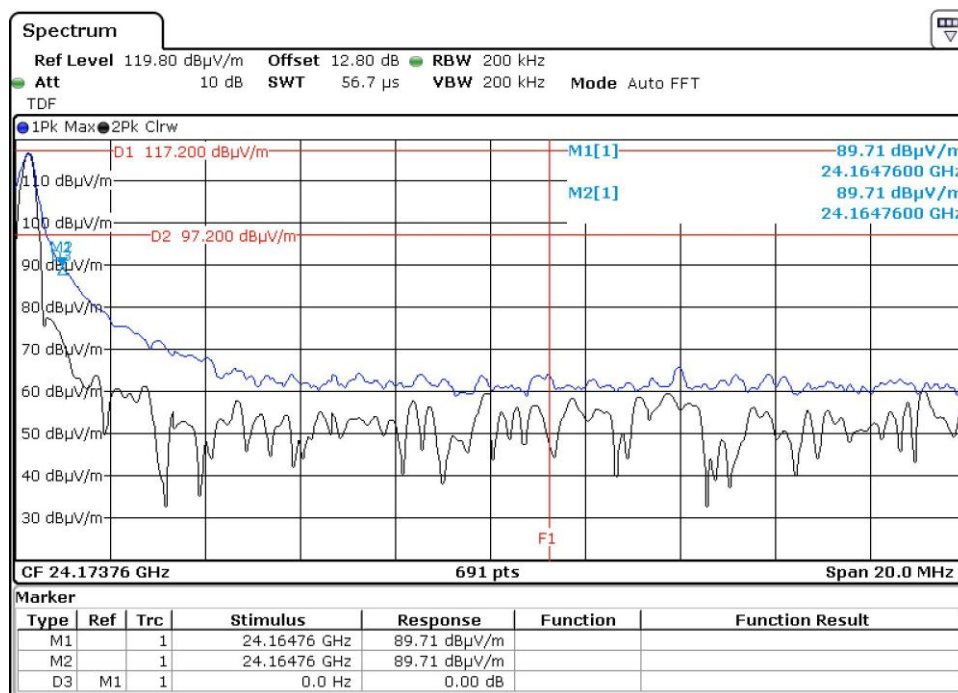
99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB6)
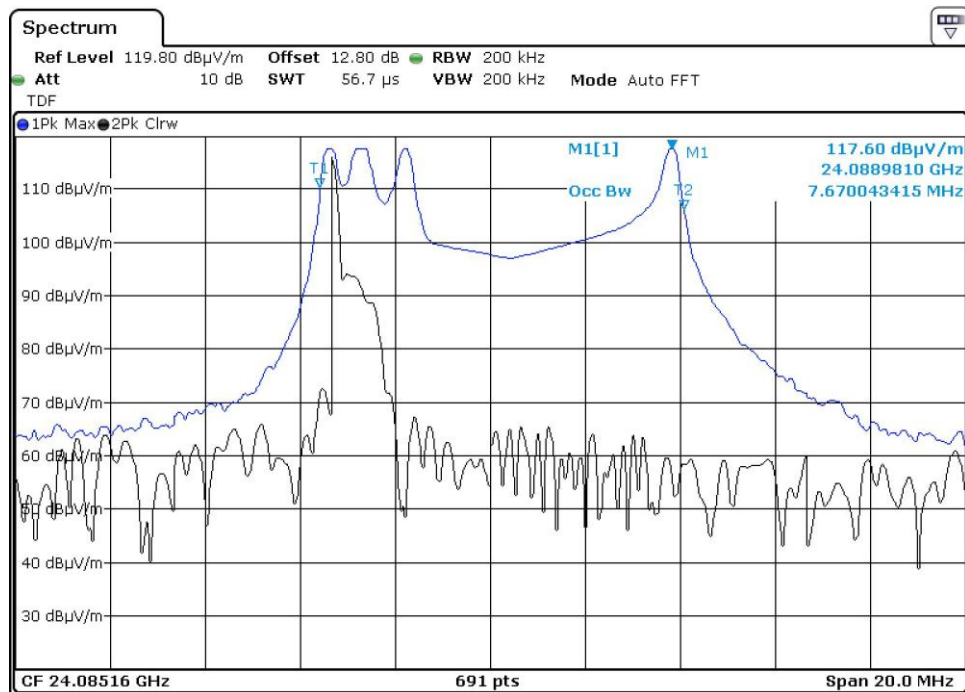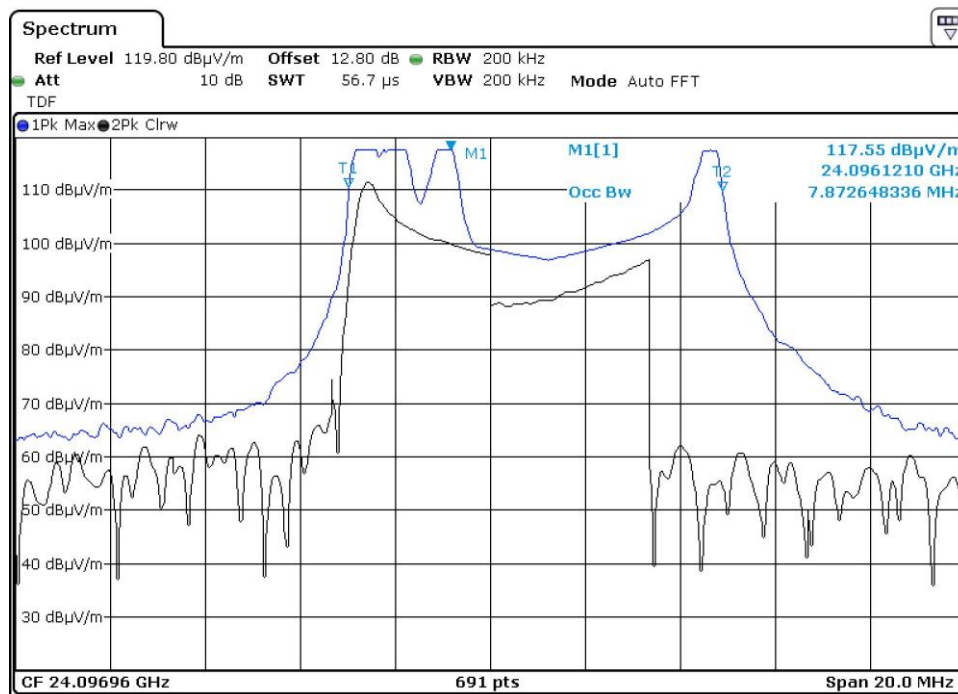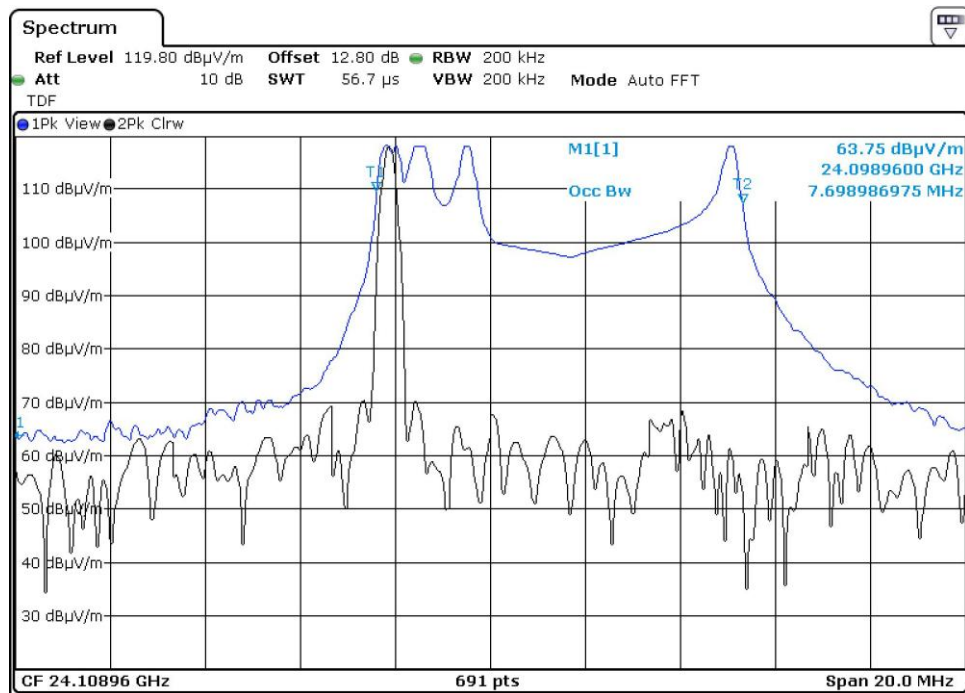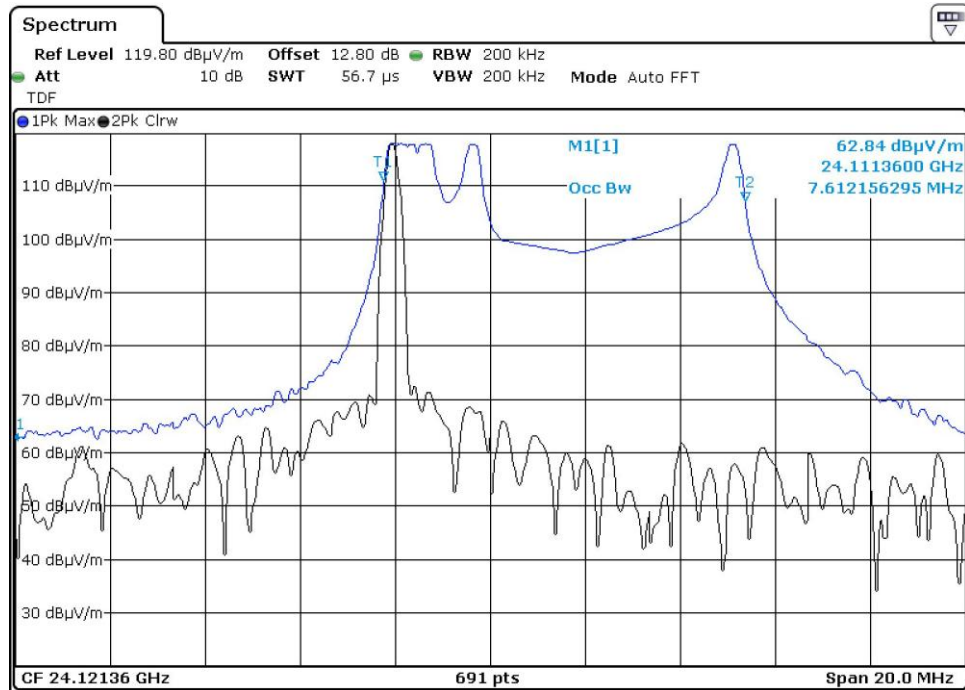
99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB7)

Date: 2012-06-11

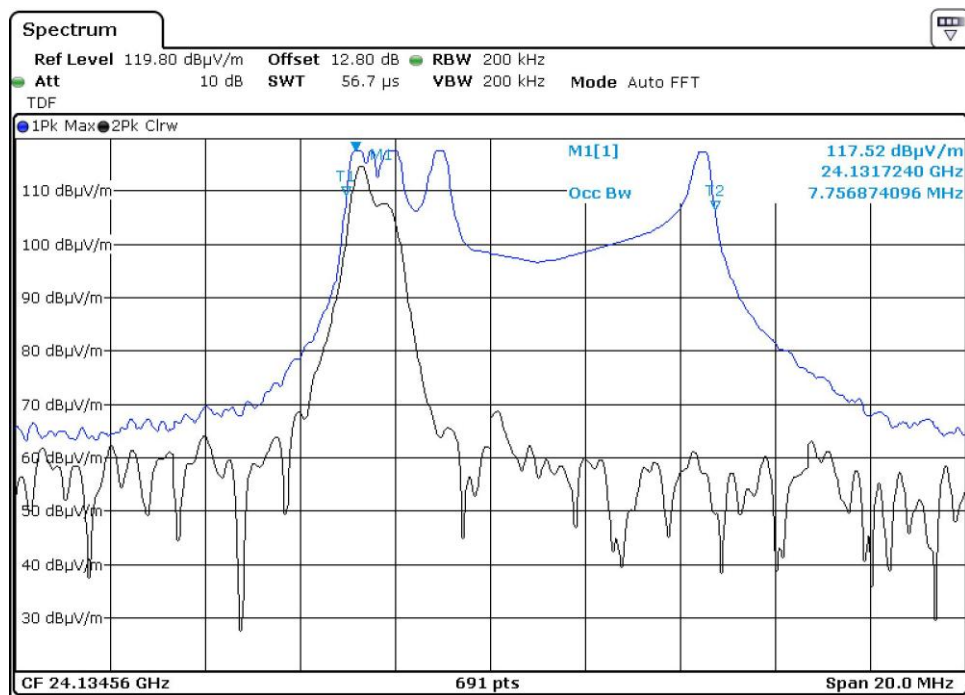Vers. no. 1.12

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99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB8)

Date: 2012-06-11   Vers. no. 1.12

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99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB9)

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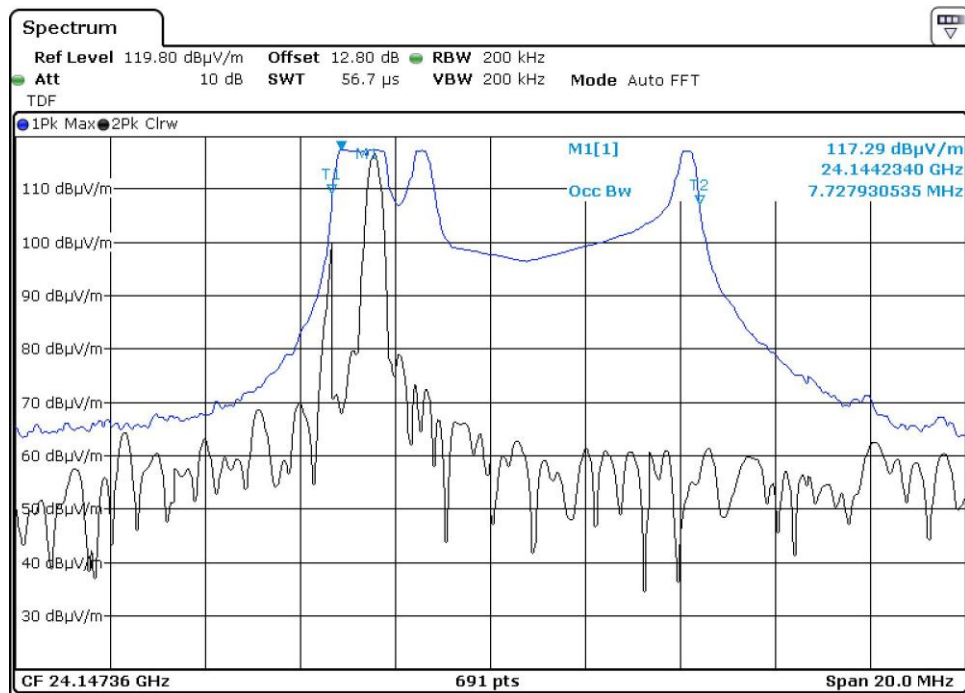
99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB10)

99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB11)

Spectrum				
Ref Level 119.80 dBµV/m	**Offset** 12.80 dB	● **RBW** 200 kHz		
● **Att** 10 dB	**SWT** 56.7 µs	**VBW** 200 kHz	**Mode** Auto FFT	

TDF

● 1Pk Max ● 2Pk Clrw

M1[1]   117.29 dBµV/m
          24.1442340 GHz
Occ Bw   7.727930535 MHz

CF 24.14736 GHz   691 pts   Span 20.0 MHz

99% bandwidth / UMRR-0A0303-200301-070601 (Sub band FB12)