

Appendix A

Channel Power Measurement

According to CFR 47 (FCC) part 2.1046 & 22.913

Channel 1013

Measurement/Instrument Screen									
Control	Digital Average Power						Call Parms		
Digital Average Power Setup ▾	Digital Average Power <h1 style="margin: 0;">25.05 dBm</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous						Cell Power -104.00 dBm/1.23 MHz Cell Band US Cellular Channel 1013		
Calibrate Digital Avg Pur	Channel Power <h1 style="margin: 0;">24.91 dBm/1.23 MHz</h1> Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						Protocol Rev 6 (IS-2000-0) Radio Config (Fud1, Rvs1) S02 (Loopback) FCH Service Option Setup ▾		
Swap Window Positions			Active Cell Connected		Sys Type: IS-2000				
1 of 2			IntRef	Offset					1 of 4



Measurement/Instrument Screen																					
Control		Digital Average Power						Call Params													
Digital Average Power Setup ▾		Digital Average Power 24.83 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous						Cell 1 Power													
								-104.00		dBm/1.23 MHz											
Calibrate Digital Avg Pur		Channel Power Channel Power 24.66 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						Cell Band													
								US Cellular													
Swap Window Positions		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="3">Active Cell</td> <td colspan="3">Sys Type: IS-2000</td> </tr> <tr> <td colspan="3">Connected</td> <td colspan="3">Logging: No Conn.</td> </tr> </table>						Active Cell			Sys Type: IS-2000			Connected			Logging: No Conn.			Channel	
Active Cell								Sys Type: IS-2000													
Connected			Logging: No Conn.																		
		1013				Protocol Rev															
						6 (IS-2000-0)															
						Radio Config															
						(Fud3, Rvs3)															
						S055 (Loopback)															
						FCH Service Option Setup ▾															
1 of 2				IntRef		Offset		1 of 4													

Channel 283

Measurement/Instrument Screen																					
Control	Digital Average Power						Call Params														
Digital Average Power Setup ▾	<p>Digital Average Power</p> <h1 style="margin: 0;">24.66 dBm</h1> <p>Expected Mobile Power: 23.00 dBm/1.23 MHz</p> <p style="text-align: right;">Continuous</p>						Cell Power	-104.00													
Calibrate Digital Avg Pur	<p>Channel Power</p> <h1 style="margin: 0;">24.48 dBm/1.23 MHz</h1> <p>Expected Mobile Power: 23.00 dBm/1.23 MHz</p> <p>Measurement Speed: Normal</p> <p style="text-align: right;">Continuous</p>						Cell Band	US Cellular													
Swap Window Positions							Channel	283													
1 of 2	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center;">Active Cell Connected</td> <td colspan="2" style="text-align: center;">Sys Type: IS-2000</td> </tr> <tr> <td style="width: 10%;"></td> </tr> </table>						Active Cell Connected				Sys Type: IS-2000								Protocol Rev	6 (IS-2000-0)	
Active Cell Connected				Sys Type: IS-2000																	
							Radio Config	(Fud1, Rus1)													
							FCH Service Option Setup ▾	S02 (Loopback)													
							1 of 4														



Measurement/Instrument Screen										
Control		Digital Average Power					Call Params			
Digital Average Power Setup ▾		Digital Average Power 24.71 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power			
							-104.00 dBm/1.23 MHz			
Calibrate Digital Avg Pur		Channel Power Channel Power 24.59 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous					Cell Band			
Swap Window Positions							US Cellular			
1 of 2		Active Cell		Sys Type: IS-2000			Channel			
		Connected		Logging: No Conn.			283			
		IntRef	Offset				Protocol Rev			
							6 (IS-2000-0)			
								Radio Config		
								(Fud3, Rvs3)		
								S055 (Loopback)		
								FCH Service Option Setup ▾		
								1 of 4		

Channel 777

Measurement/Instrument Screen									
Control	Digital Average Power						Call Parm		
Digital Average Power Setup ▾	Digital Average Power <h3 style="margin: 0;">24.55 dBm</h3> Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous						Cell Power -104.00 dBm/1.23 MHz Cell Band US Cellular Channel 777		
Calibrate Digital Avg Pur	Channel Power						Protocol Rev 6 (IS-2000-0)		
Suap Window Positions	Channel Power <h3 style="margin: 0;">24.39 dBm/1.23 MHz</h3> Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						Radio Config (Fud1, Rus1) S02 (Loopback)		
	Active Cell Connected			Sys Type: IS-2000			FCH Service Option Setup ▾		
1 of 2				IntRef	Offset				1 of 4



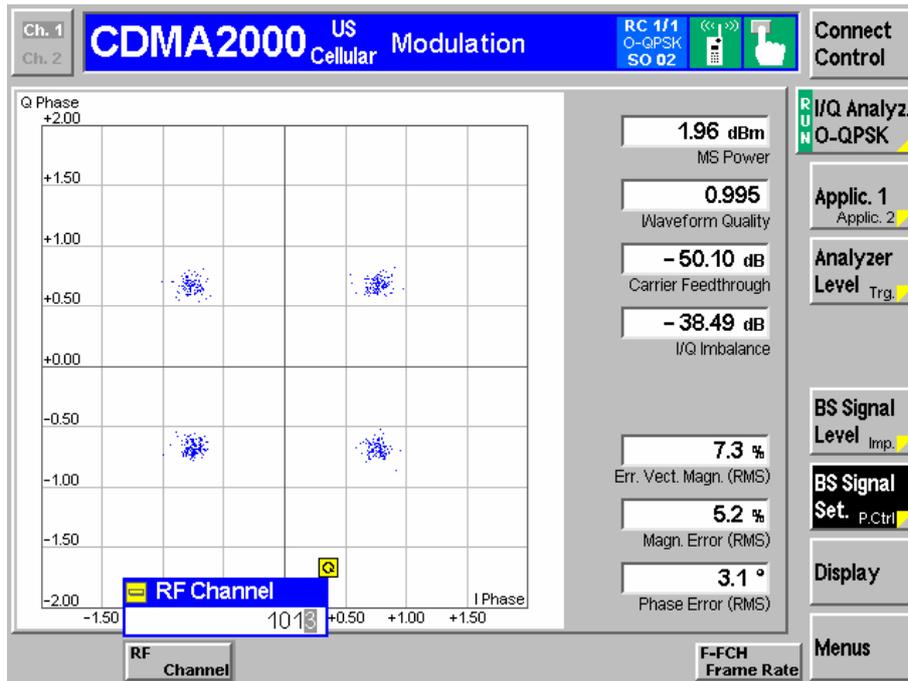
Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾		Digital Average Power 24.43 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power		
							-104.00 dBm/1.23 MHz		
Calibrate Digital Avg Pur		Channel Power Channel Power 24.31 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous					Cell Band		
Swap Window Positions							US Cellular		
1 of 2		Active Cell		Sys Type: IS-2000			Channel		
		Connected		Logging: No Conn.			777		
		IntRef		Offset			Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
							1 of 4		

Appendix B

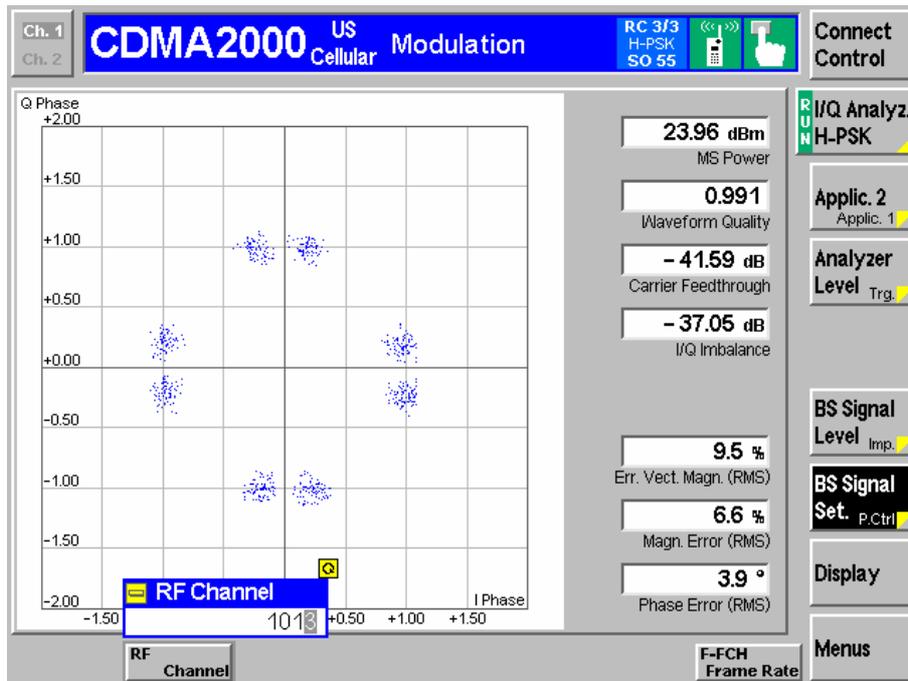
Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047 & 22.901

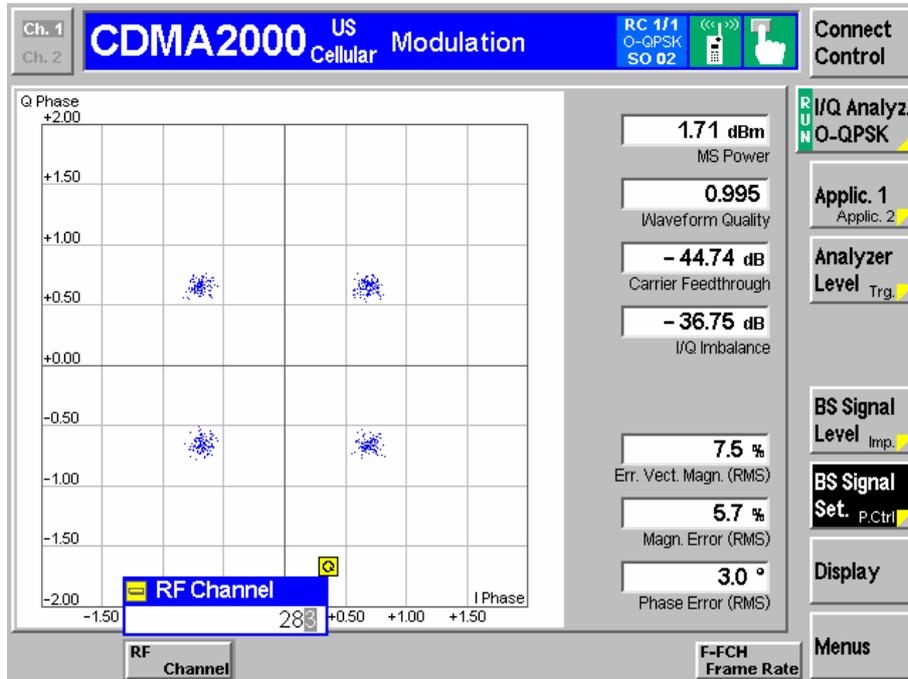
Channel 1013 (RC1/1)



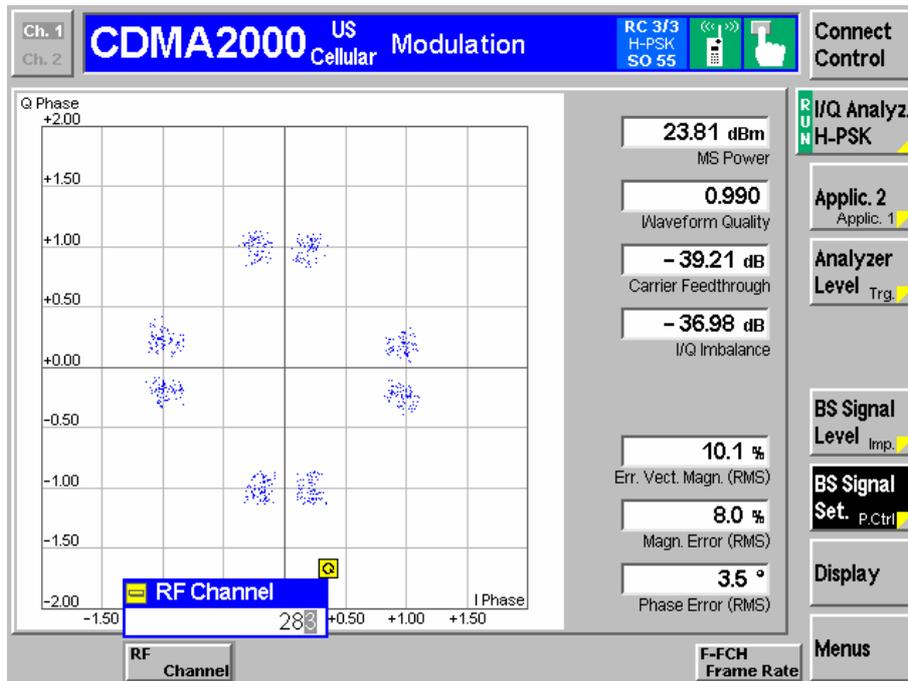
Channel 1013 (RC3/3)



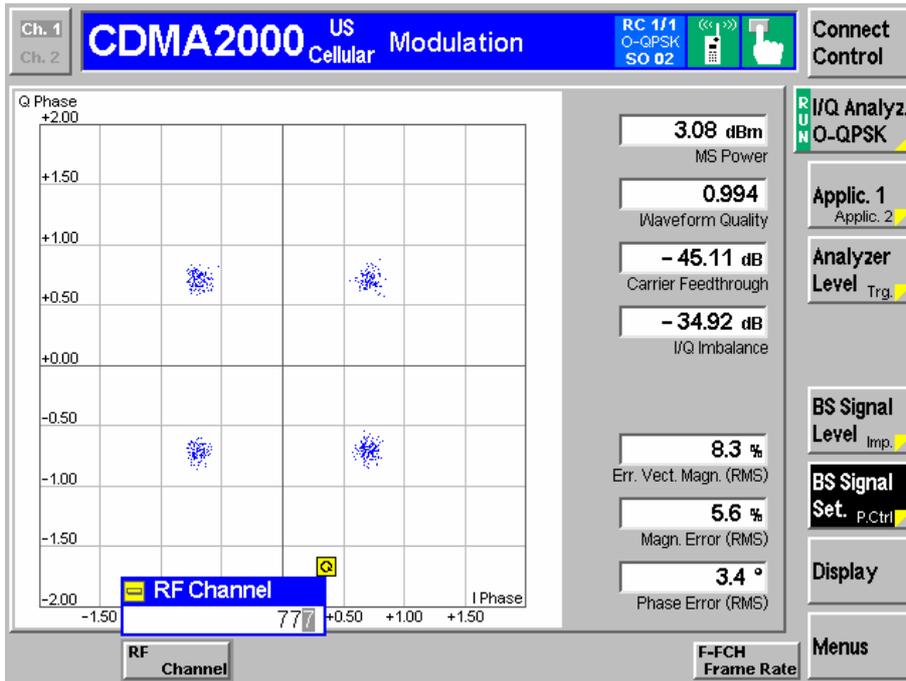
Channel 283 (RC1/1)



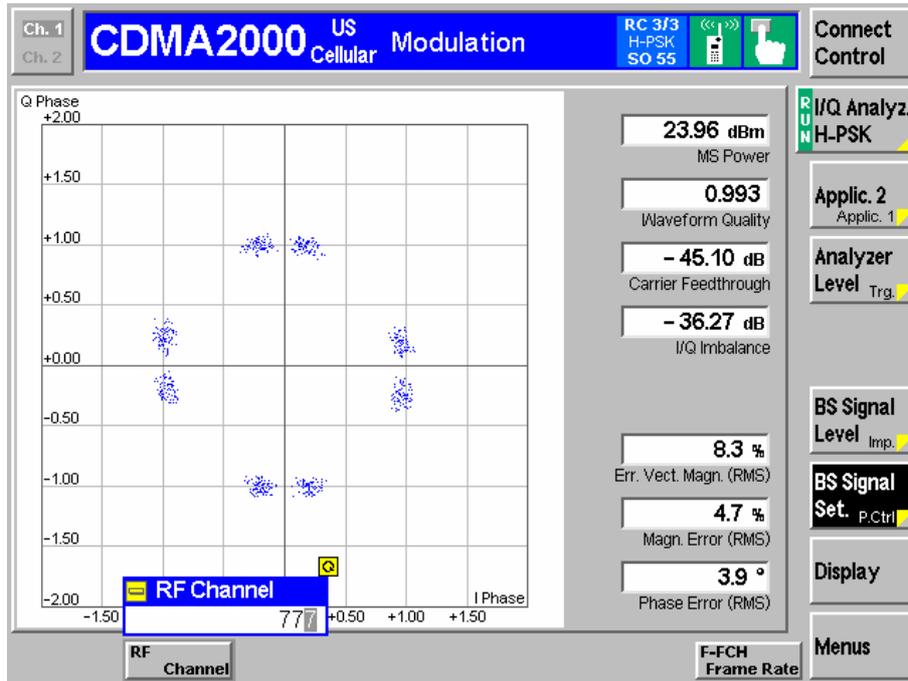
Channel 283 (RC3/3)



Channel 777(RC1/1)



Channel 777(RC3/3)

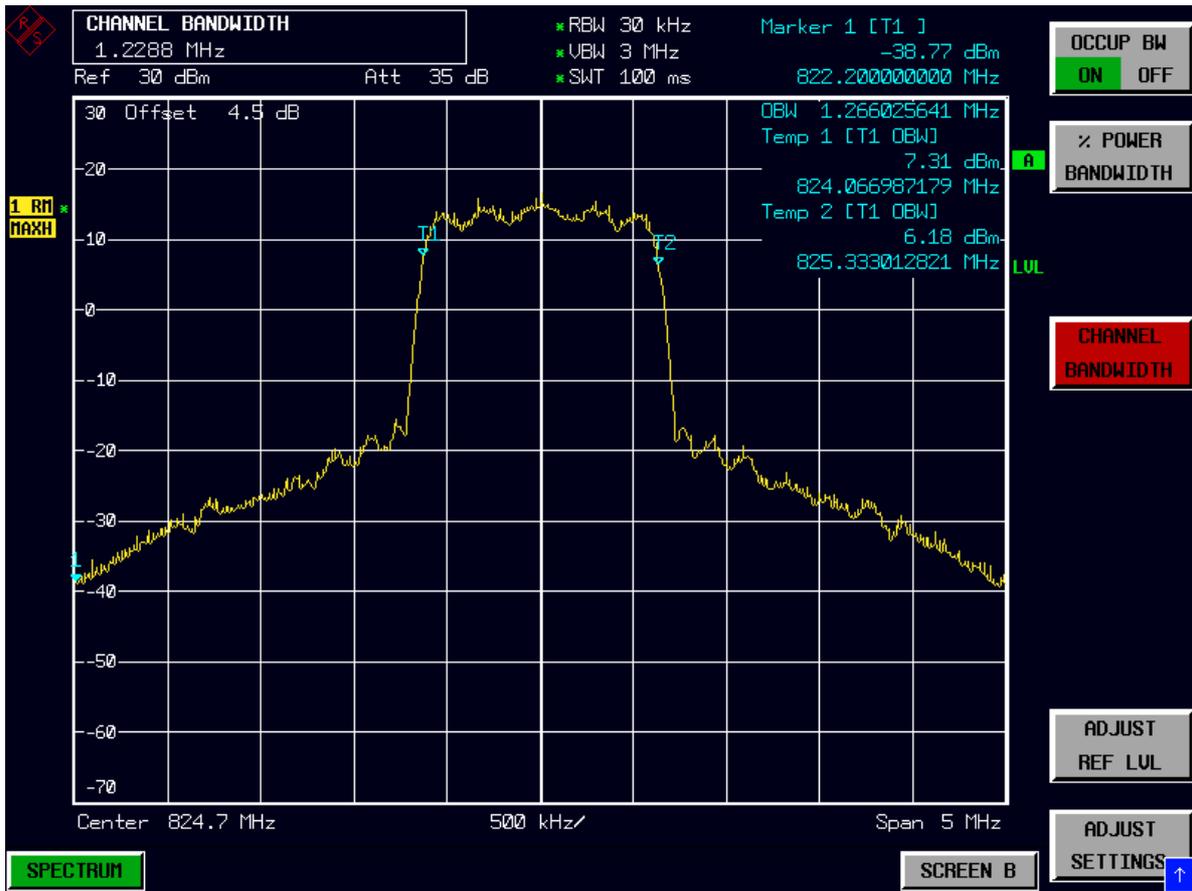


Appendix C

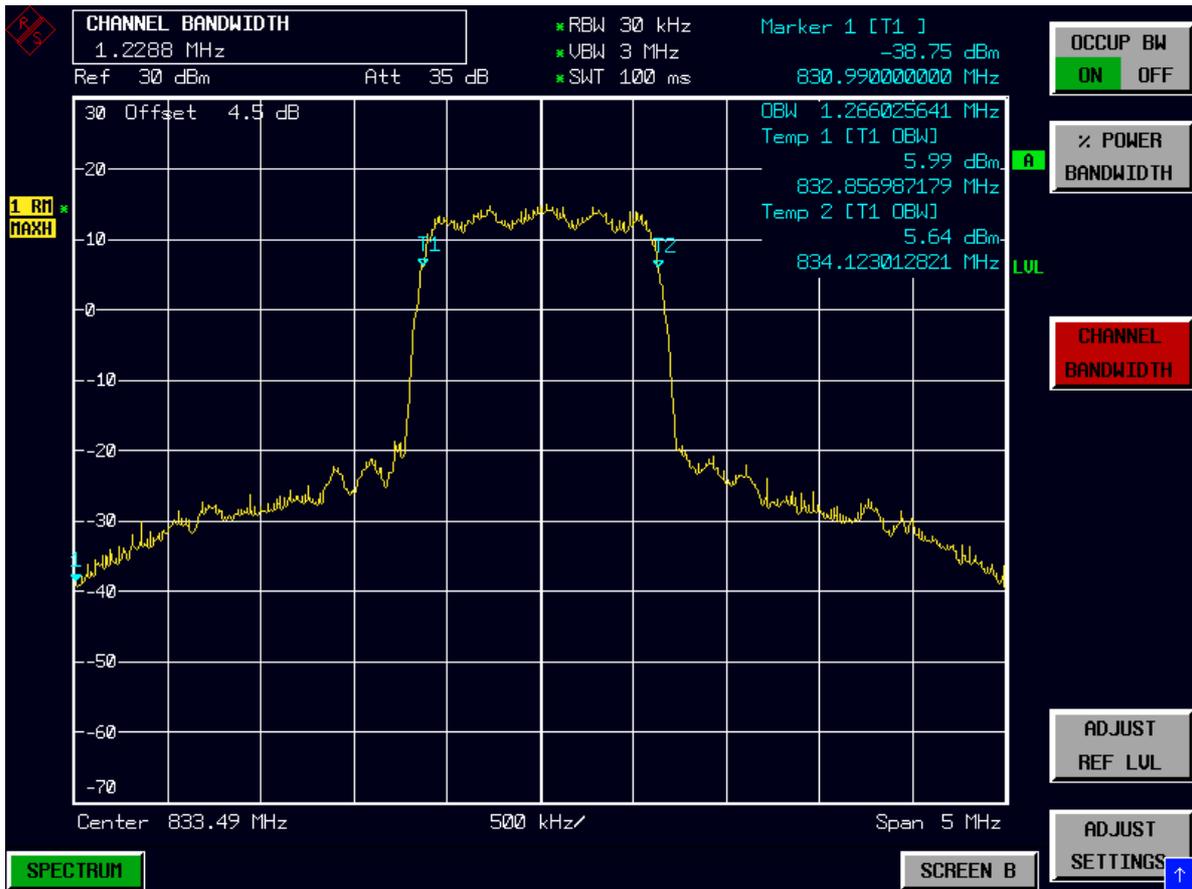
Occupied Bandwidth Measurement

According to CFR 47 (FCC) part 2.1049

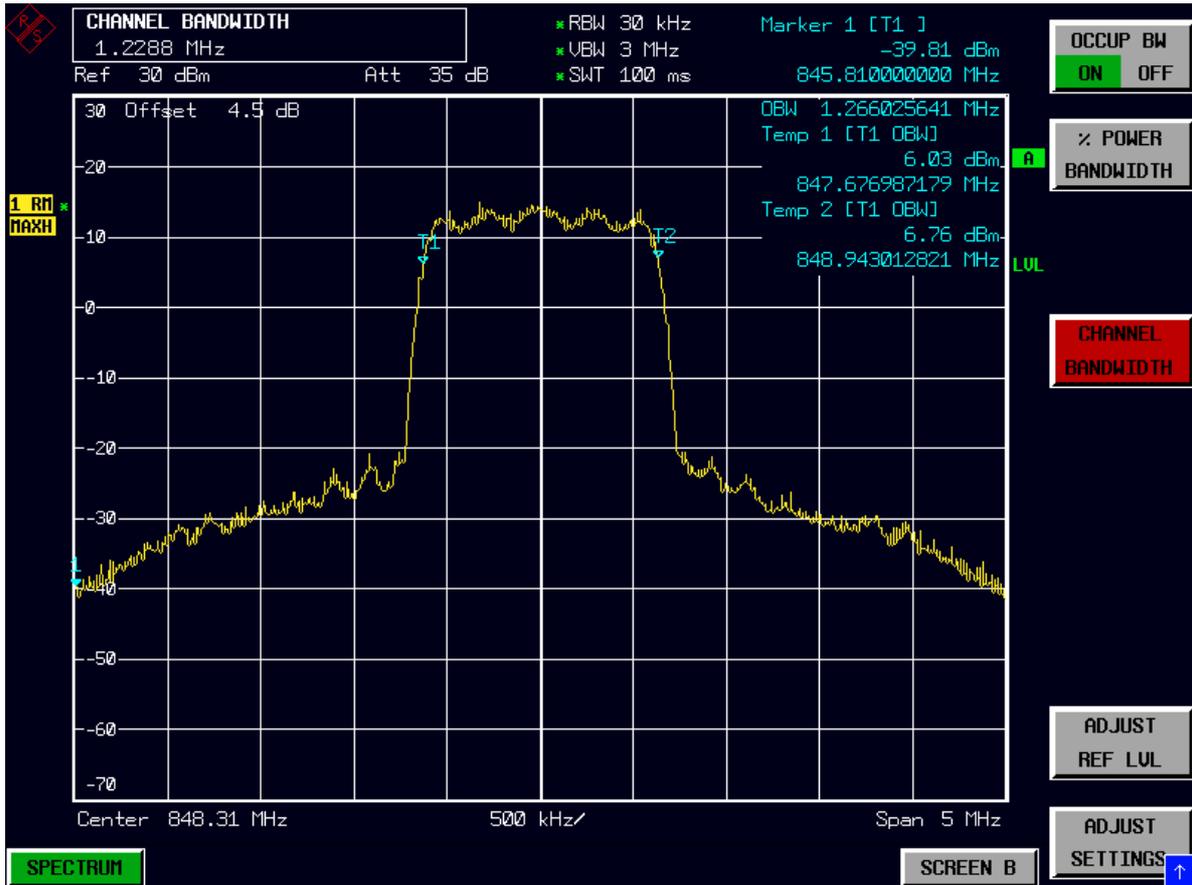
Channel 1013



Channel 283



Channel 777



Appendix D

Spurious Emission at Antenna Terminal

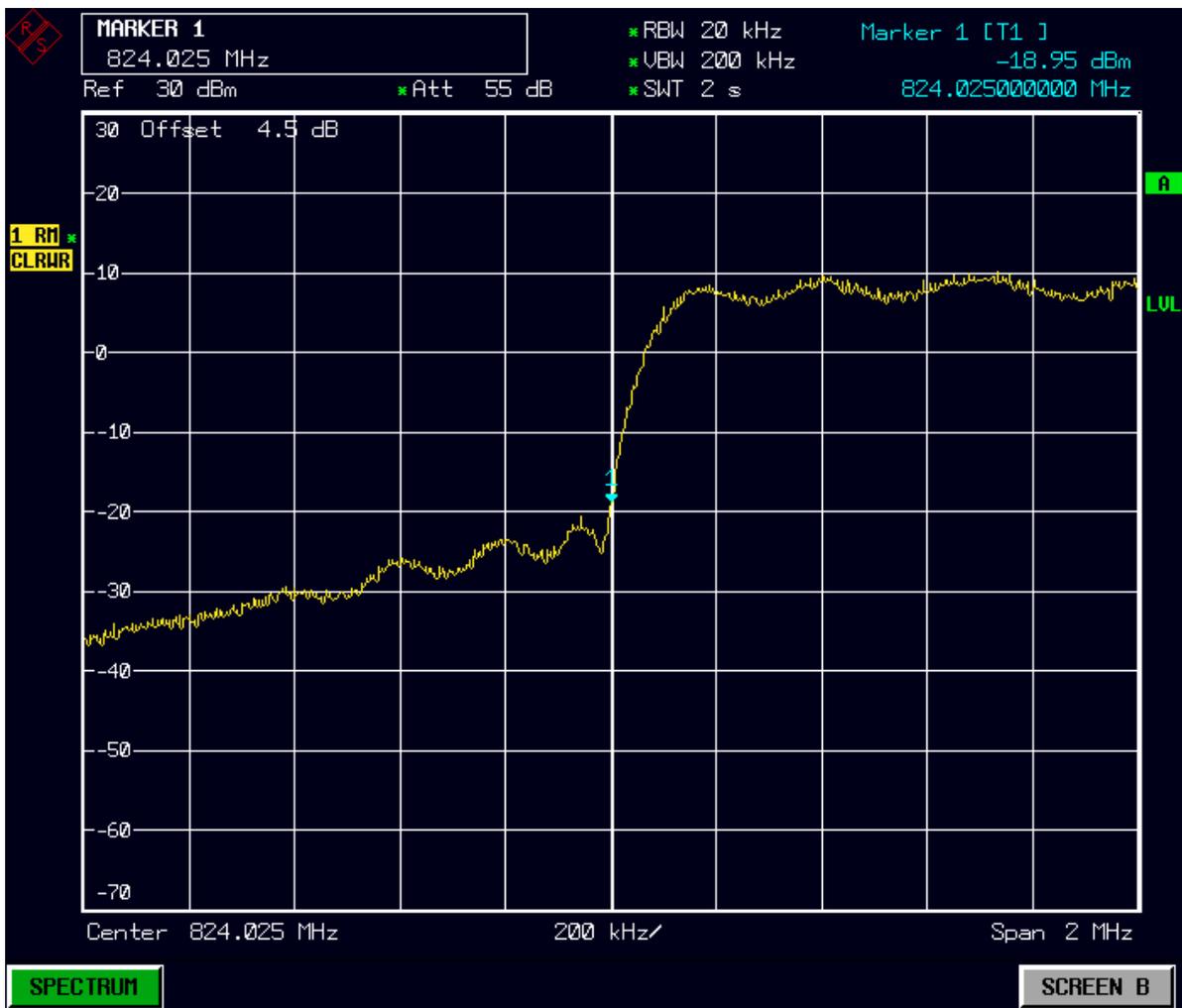
According to CFR 47 (FCC) part 2.1051 & 22.917(e)

1 Measurement Results at Block Edges

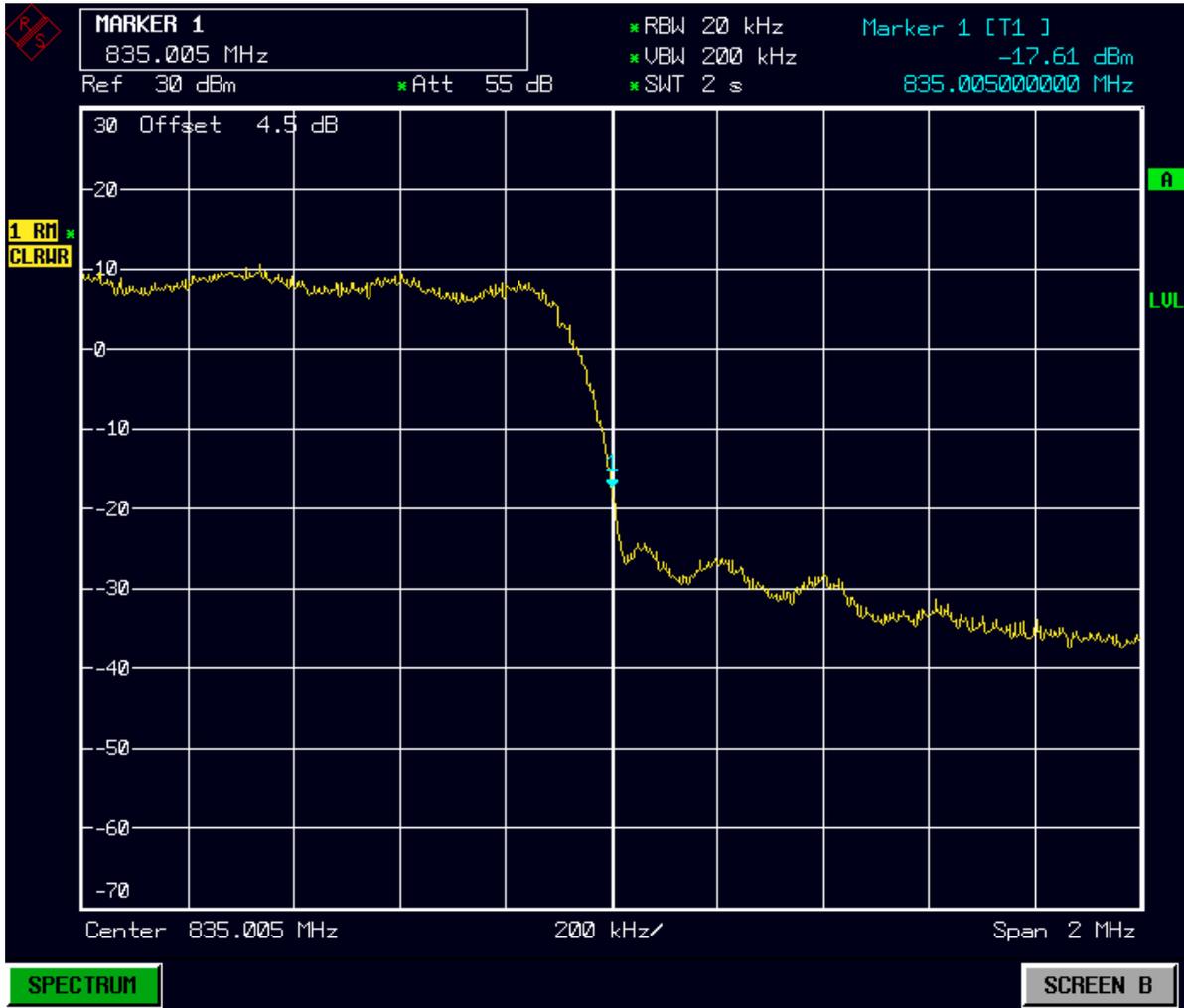
1.1 Band Subclass 0

1.1.1 RC1

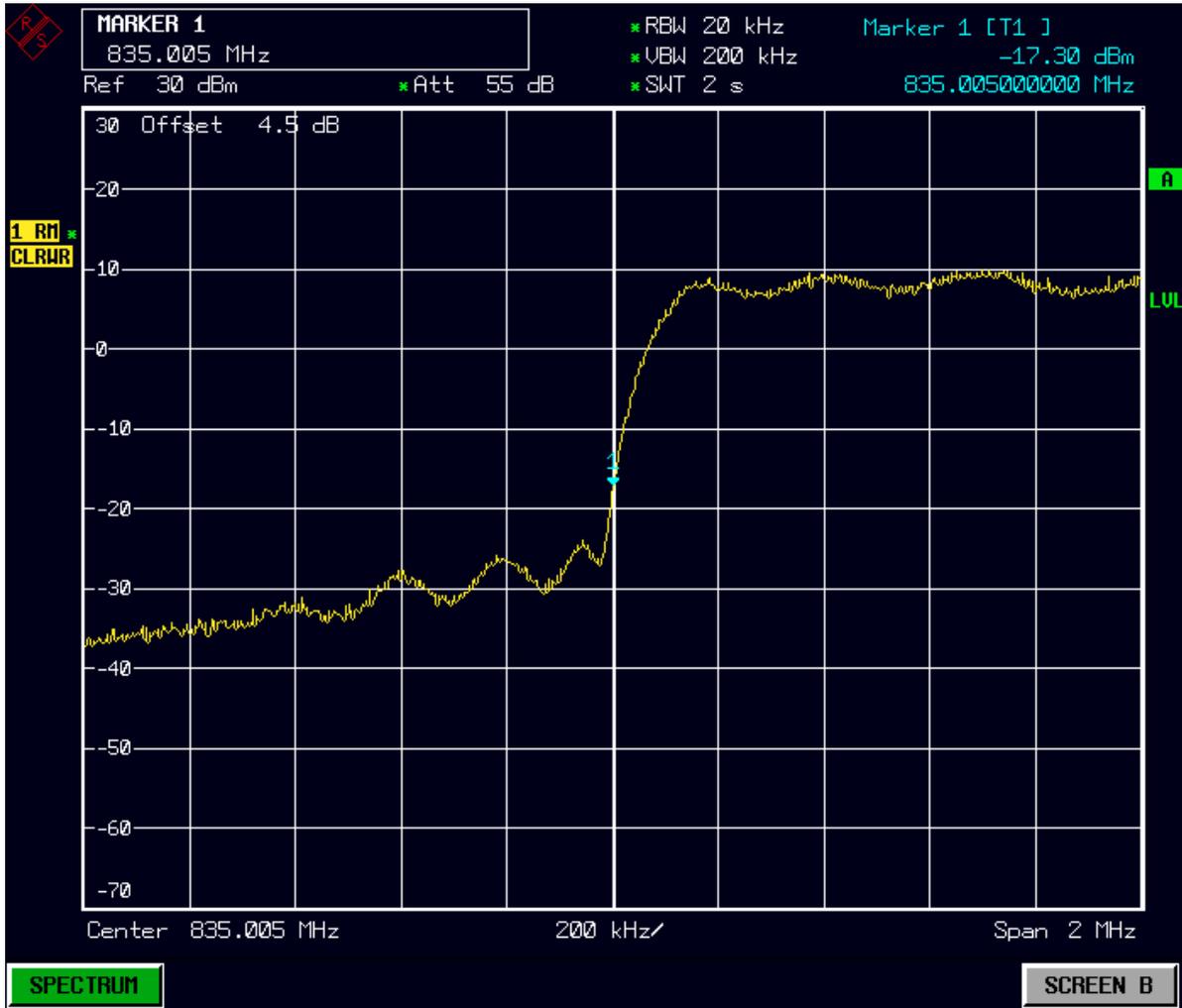
Block A” and A, Left Edge (824.025MHz)
Channel 1013



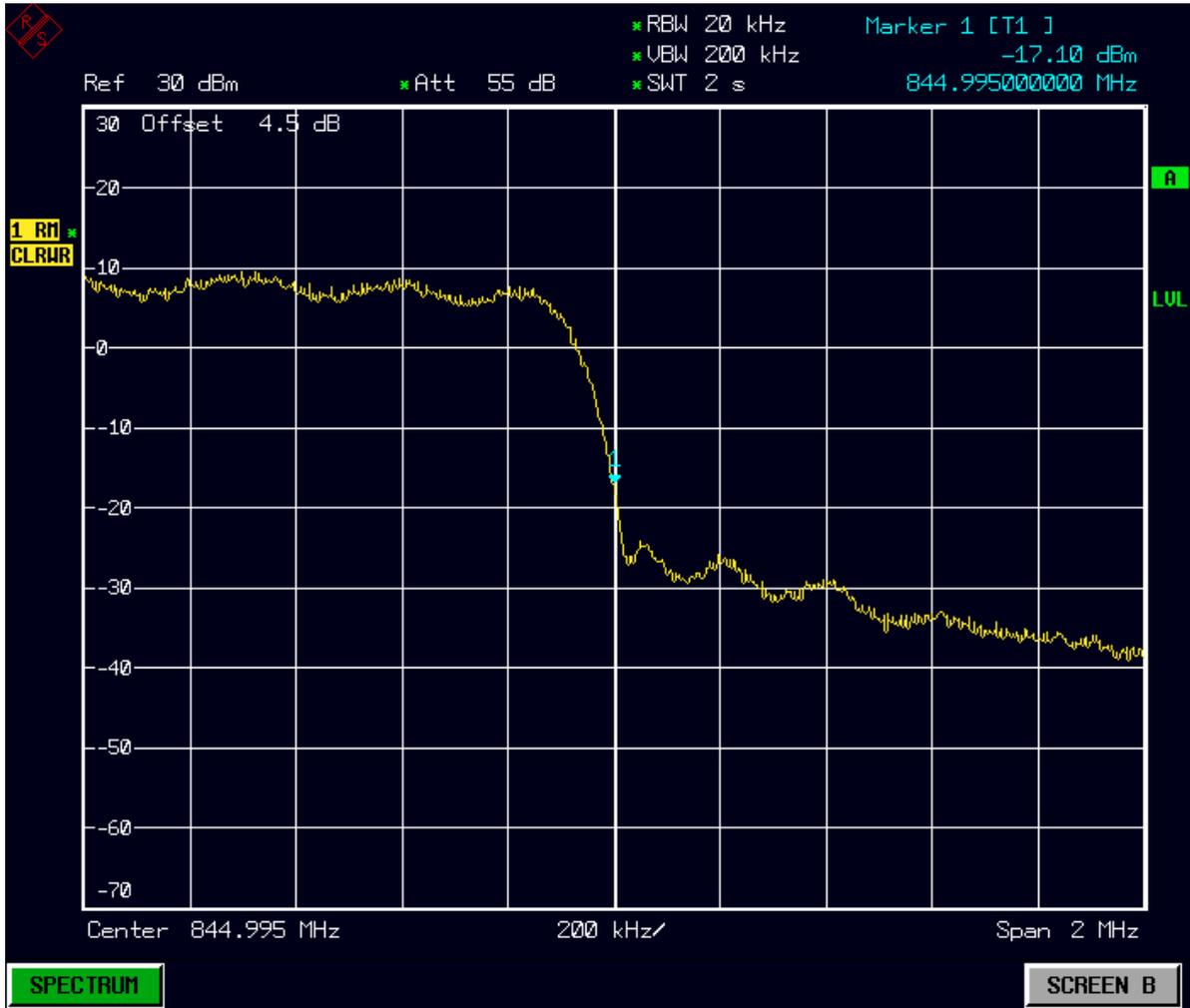
Block A" and A, right Edge (835.005MHz)
Channel 311



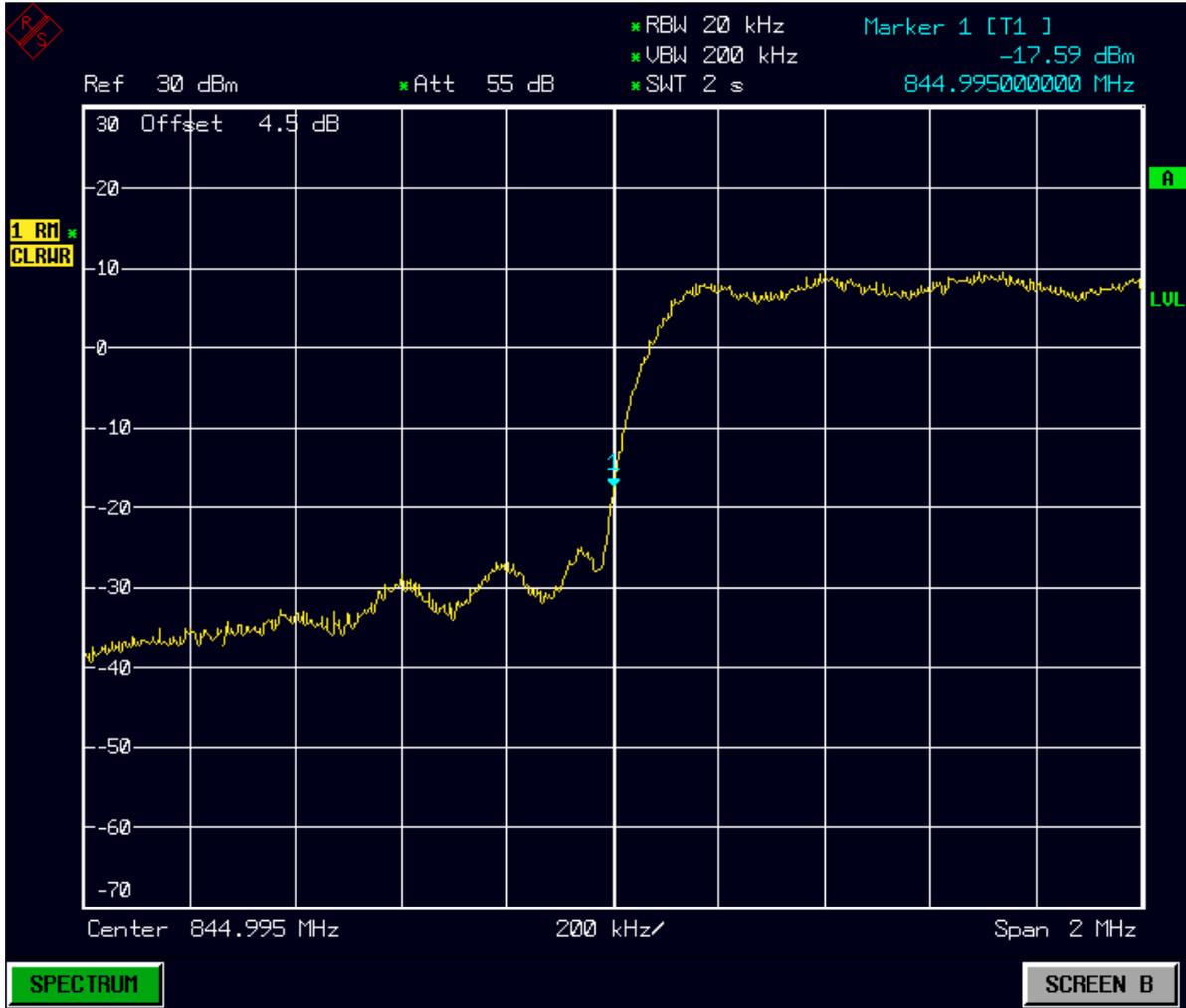
Block B, Left Edge (835.005MHz)
Channel 356



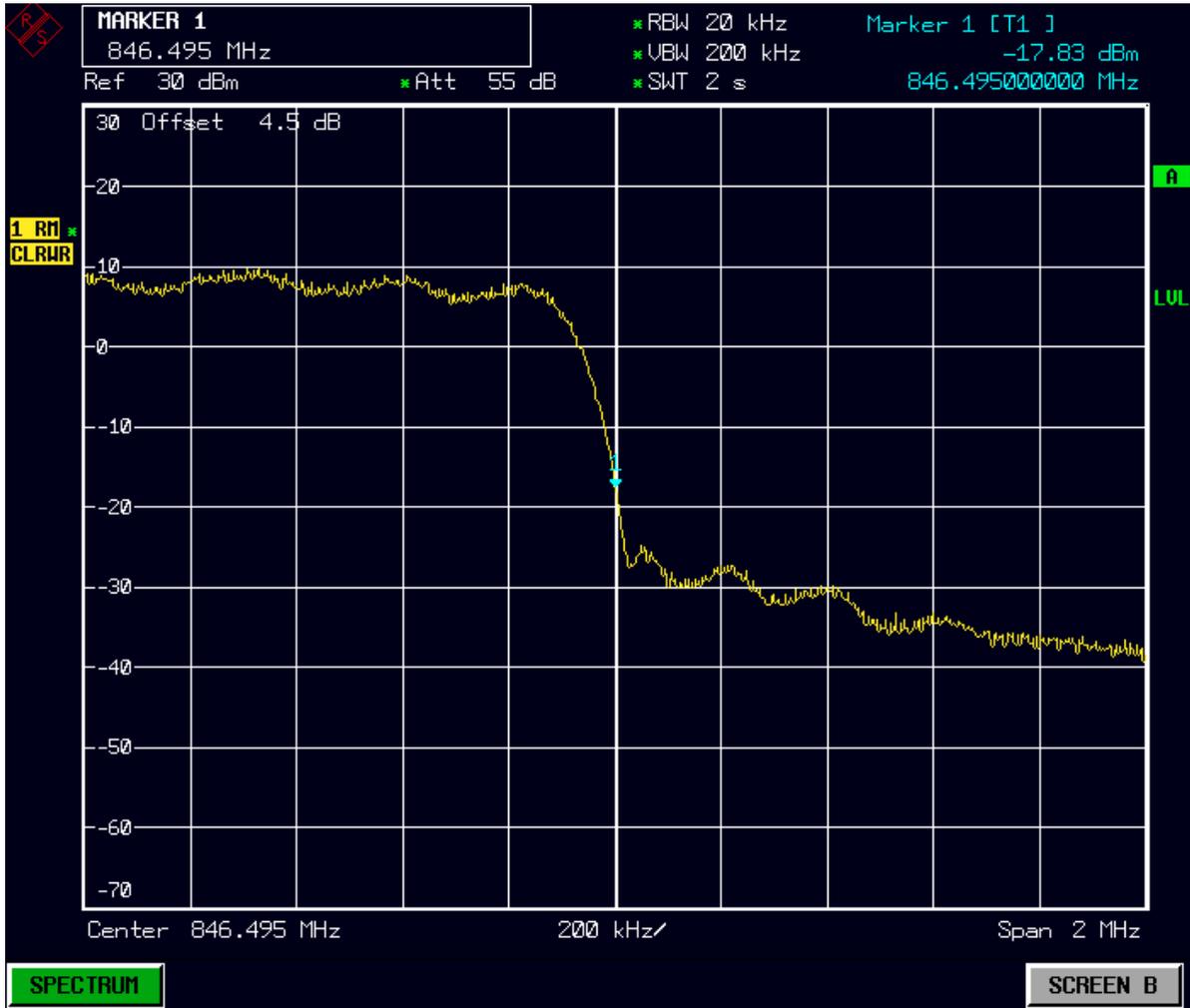
Block B, Right Edge (844.995MHz)
Channel 644



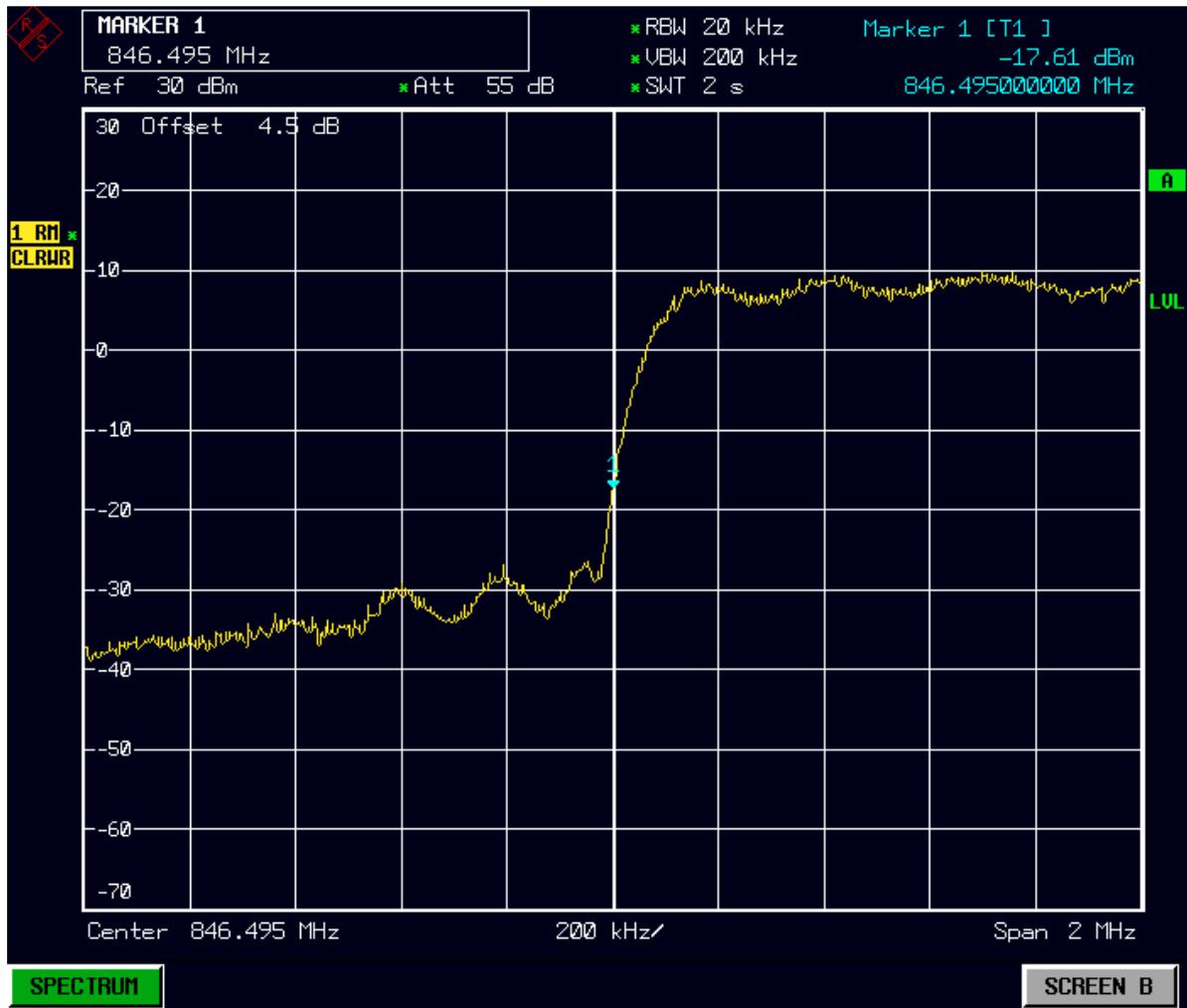
Block A', Left Edge (844.995MHz)
Channel 689



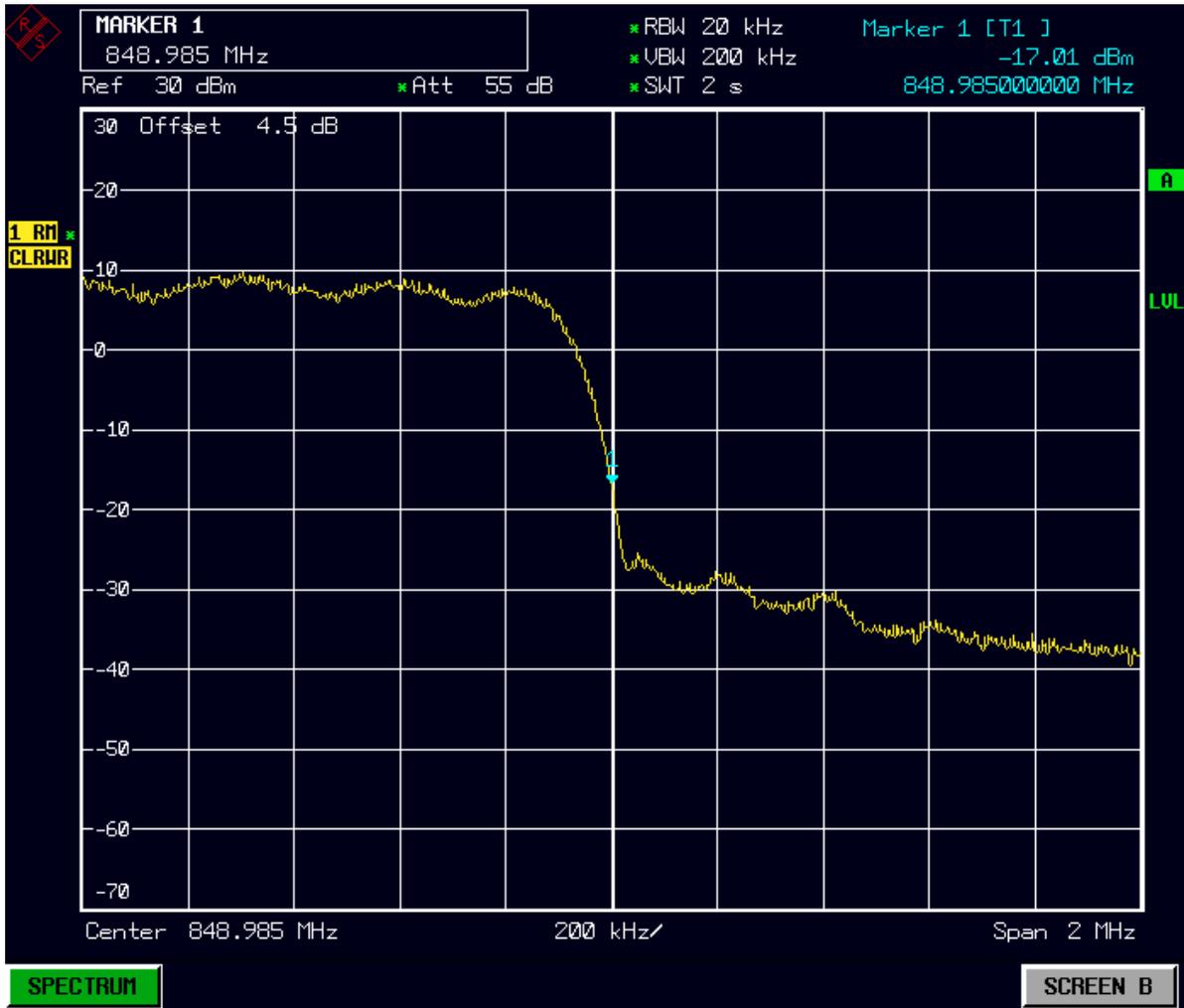
Block A', Right Edge (846.495MHz)
Channel 694



Block B', Left Edge (846.495MHz)
Channel 739

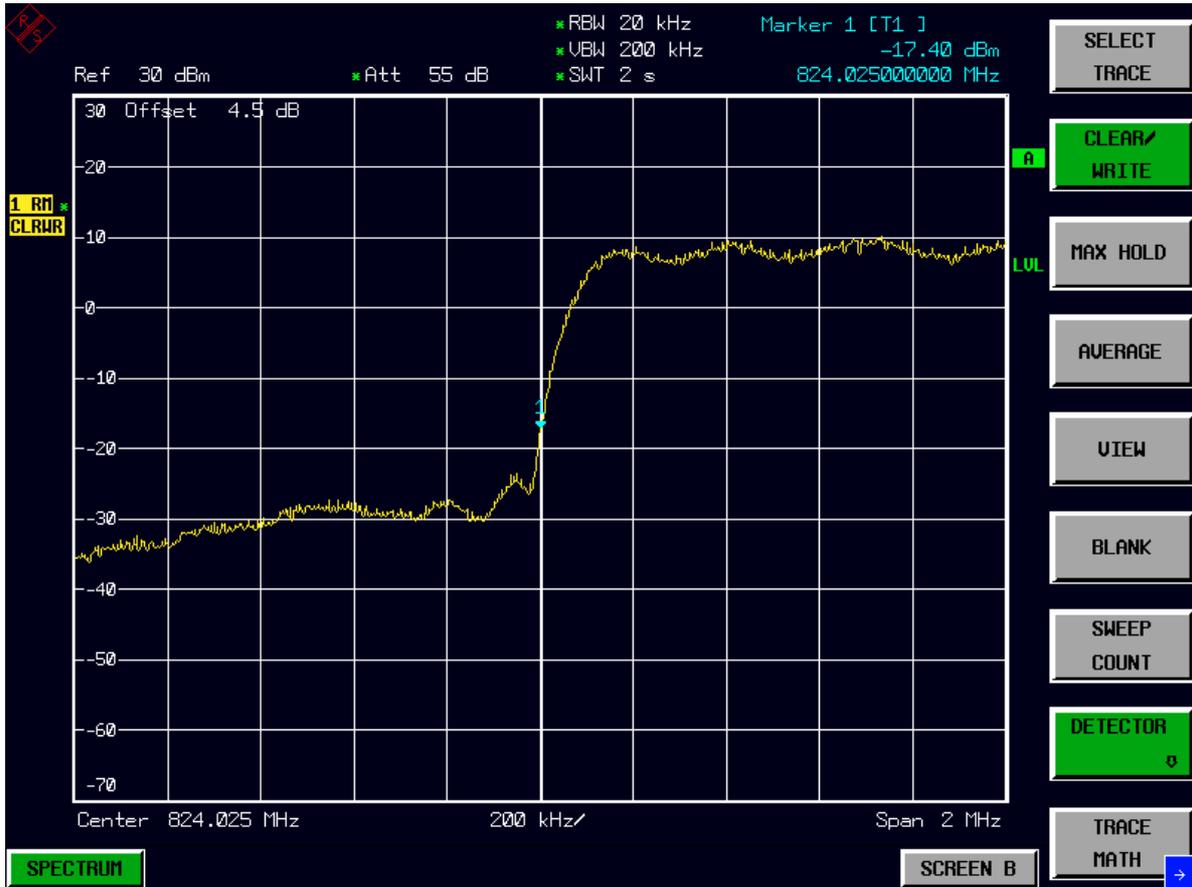


Block B', Right Edge (848.985MHz)
Channel 777

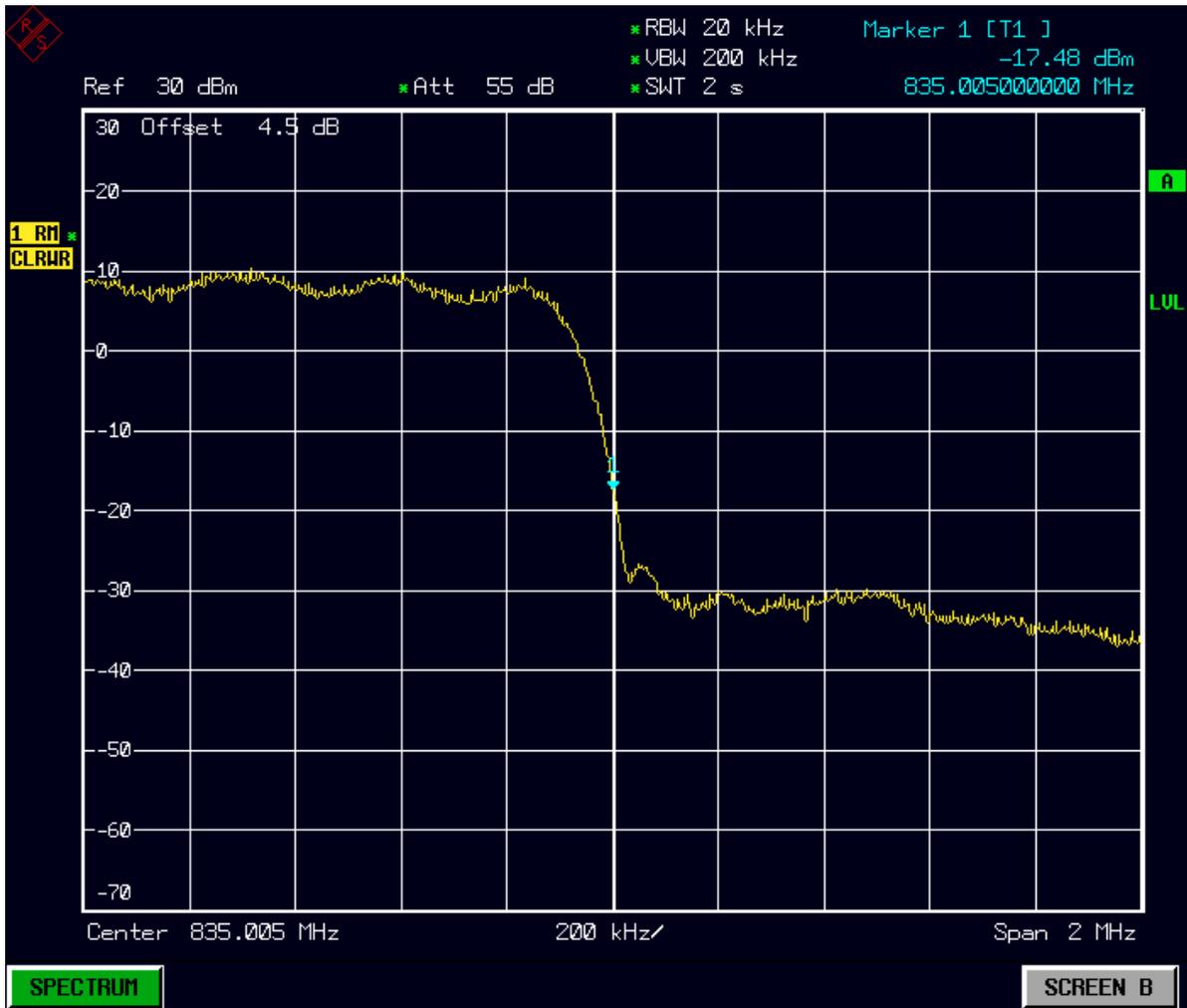


1.1.2 RC3

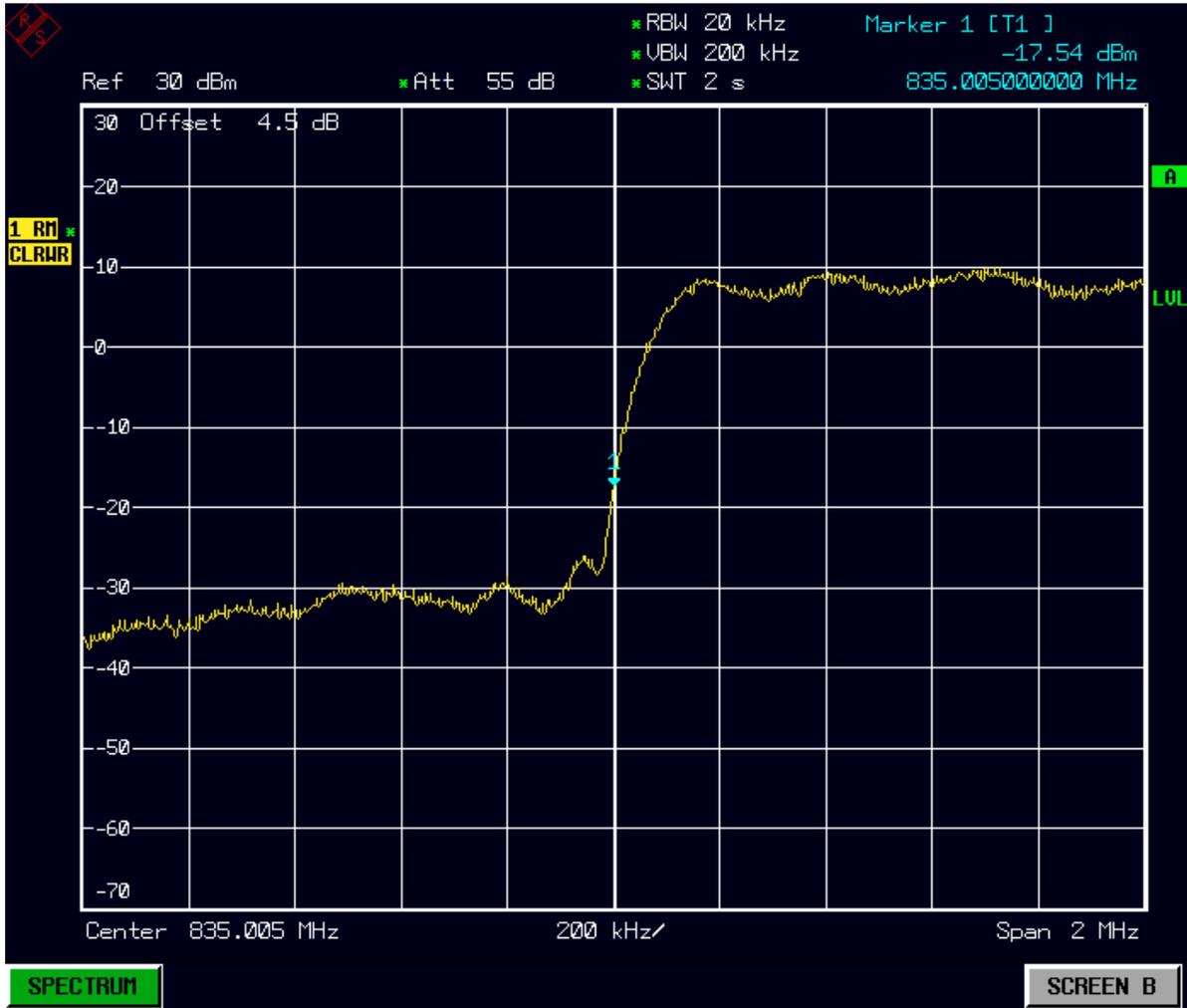
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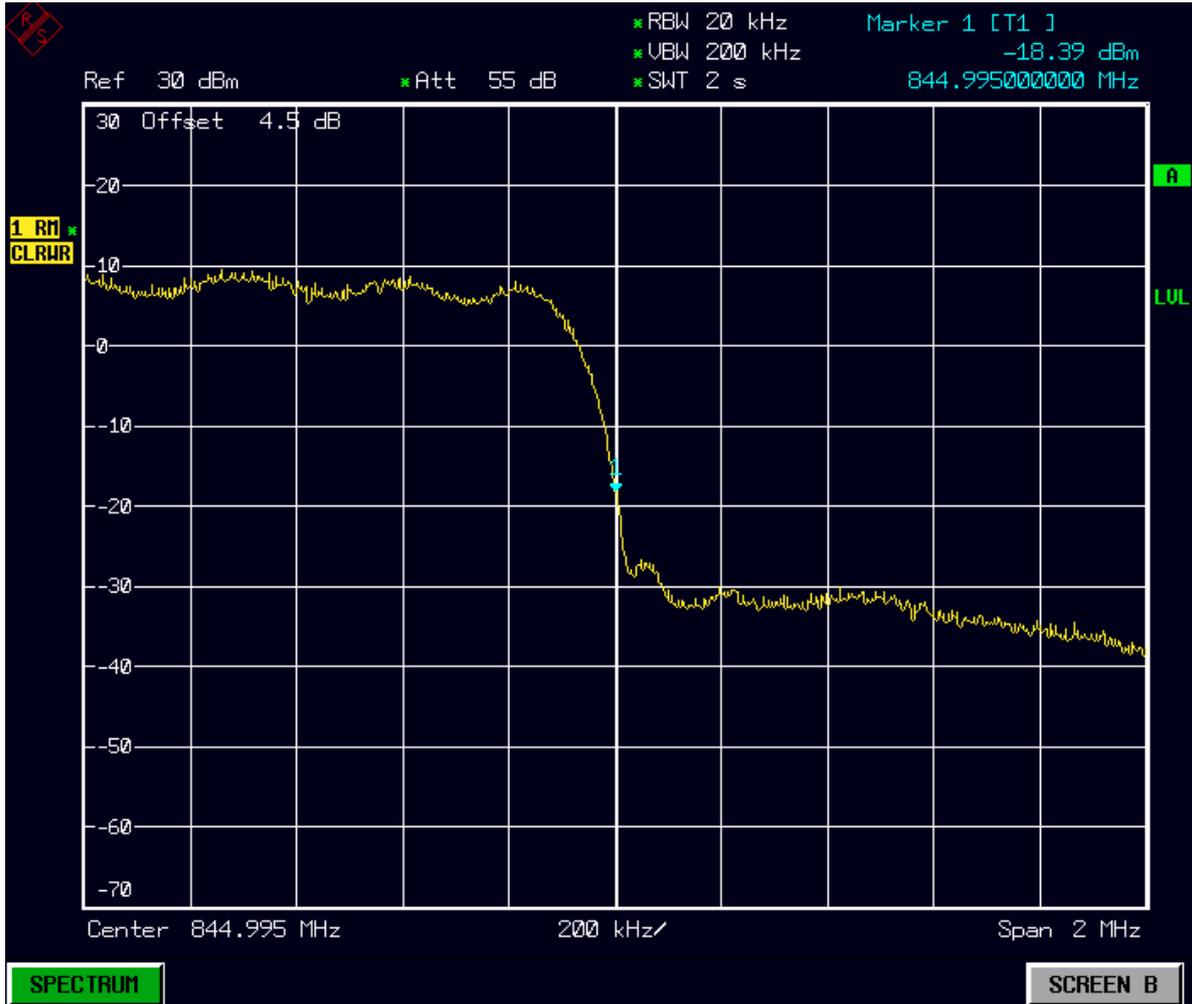
Block A" and A, right Edge (835.005MHz)
Channel 311



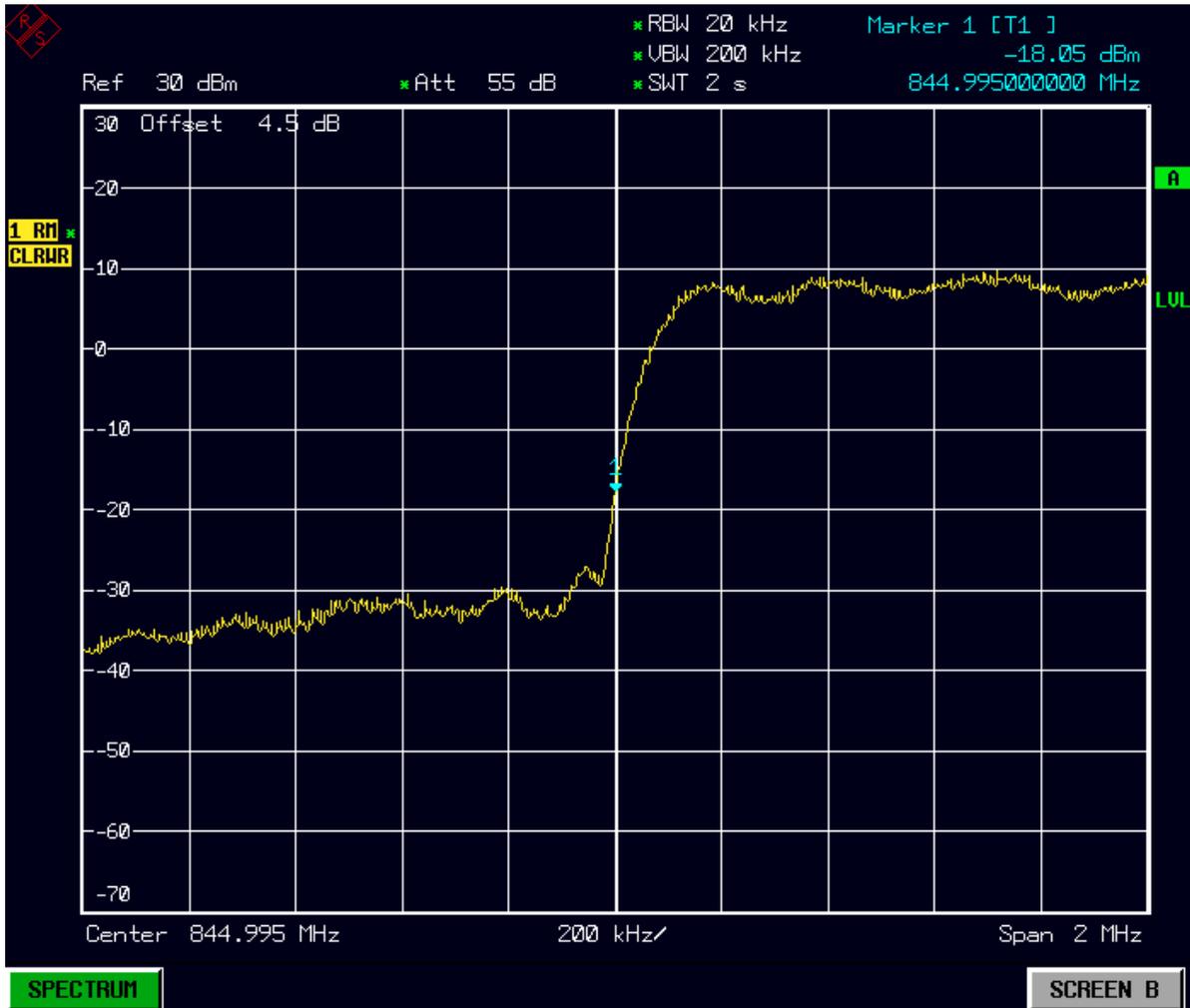
Block B, Left Edge (835.005MHz)
Channel 356



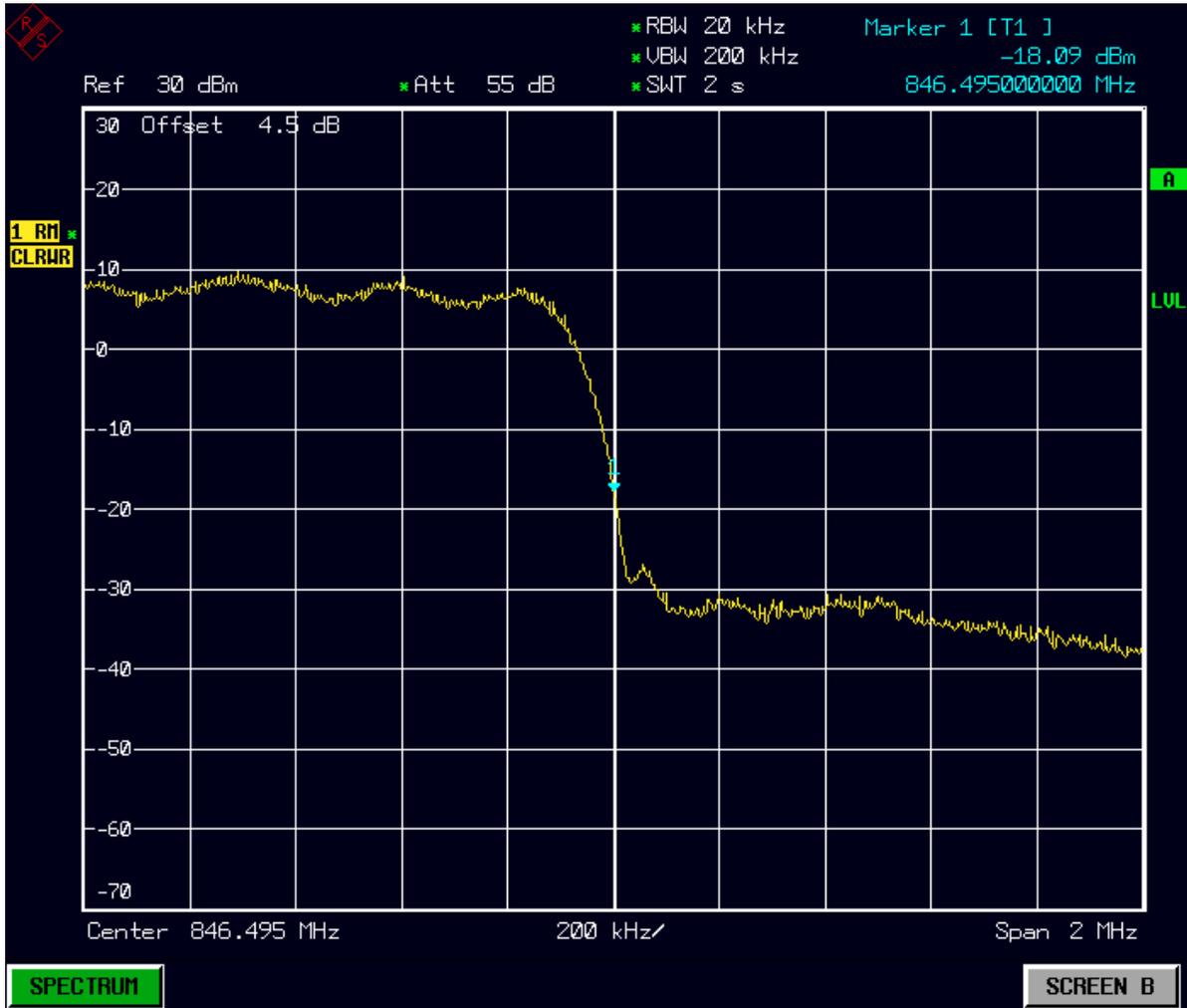
Block B, Right Edge (844.995MHz)
Channel 644



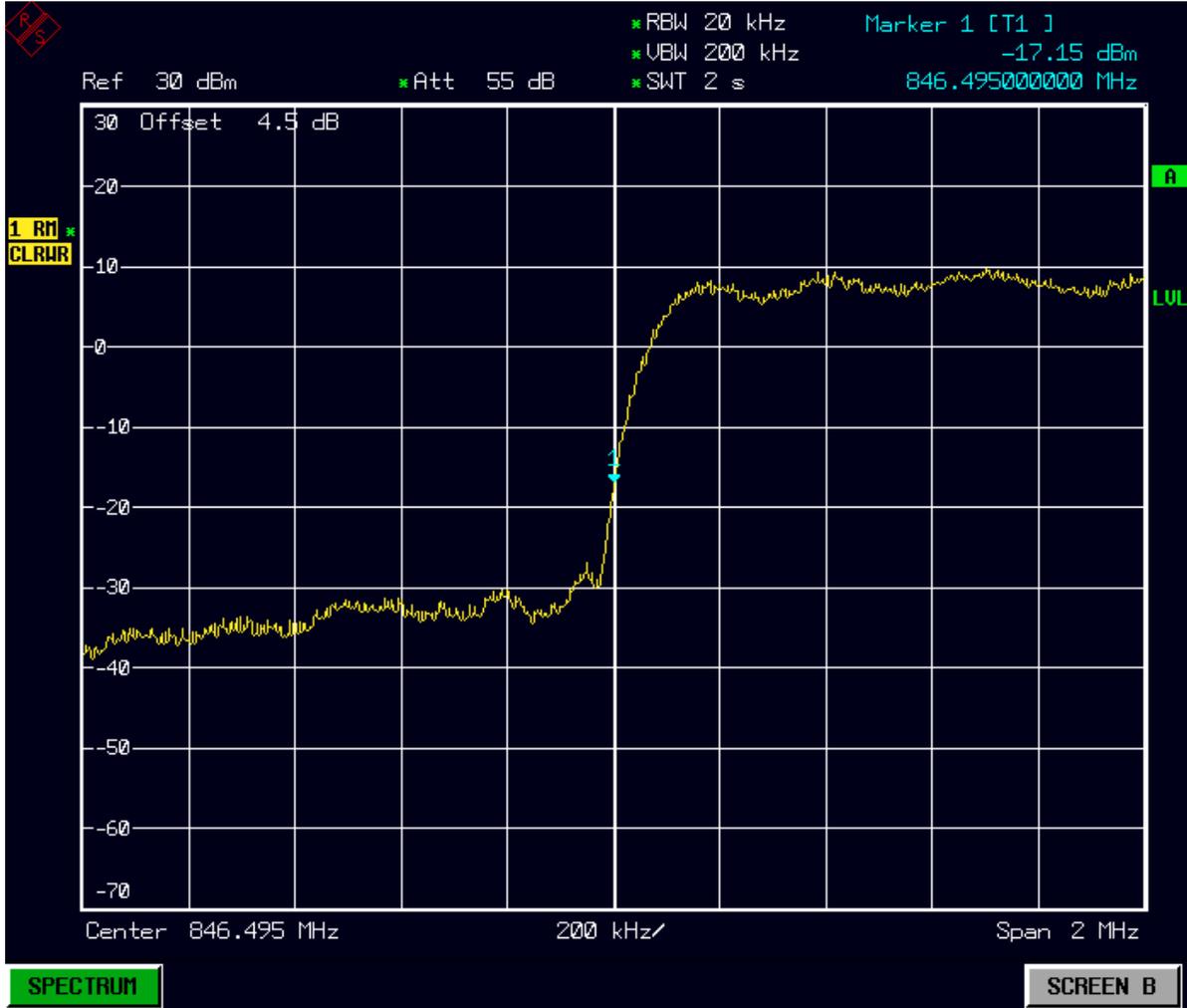
Block A', Left Edge (844.995MHz)
Channel 689



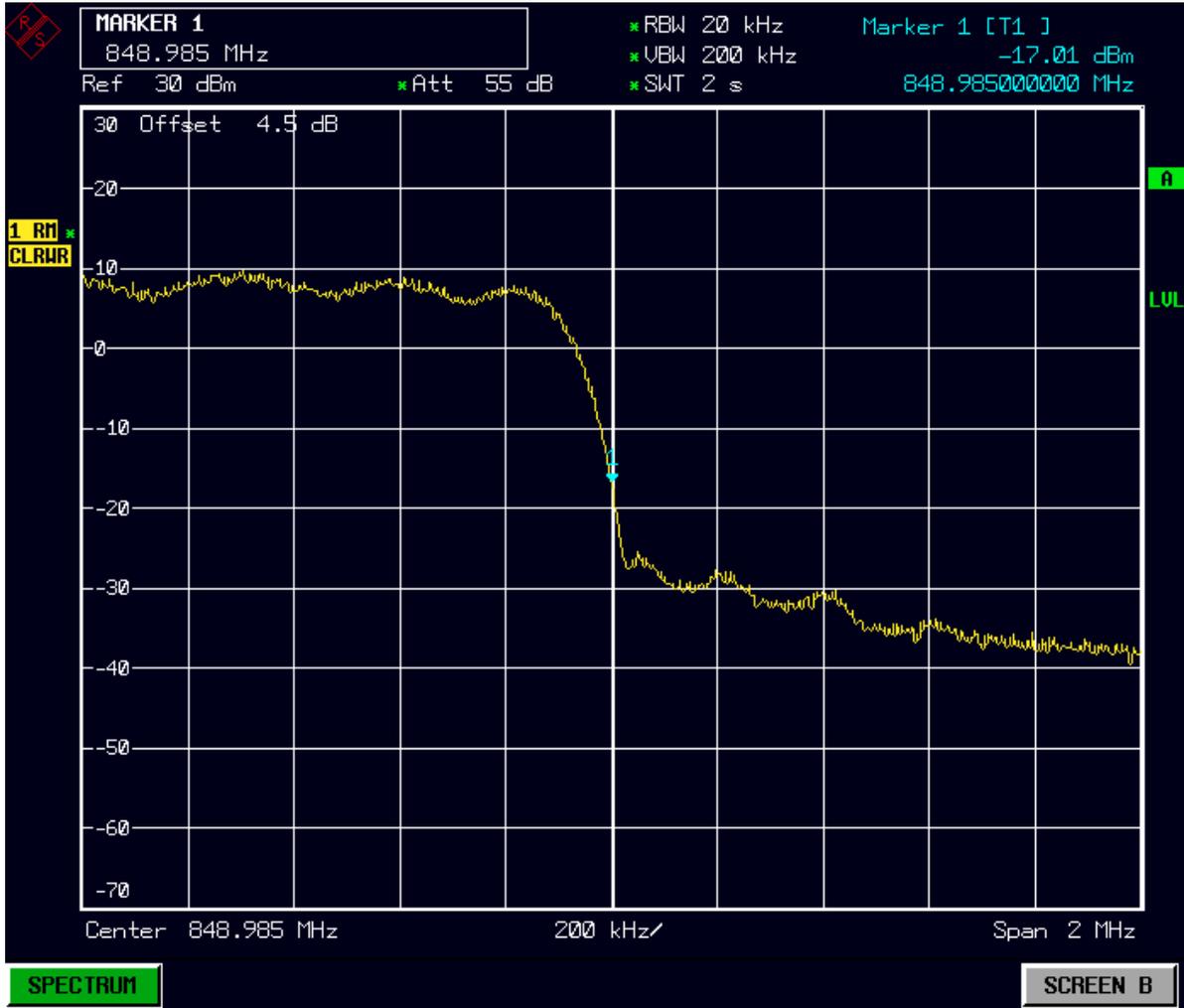
Block A', Right Edge (846.495MHz)
Channel 694



Block B', Left Edge (846.495MHz)
Channel 739



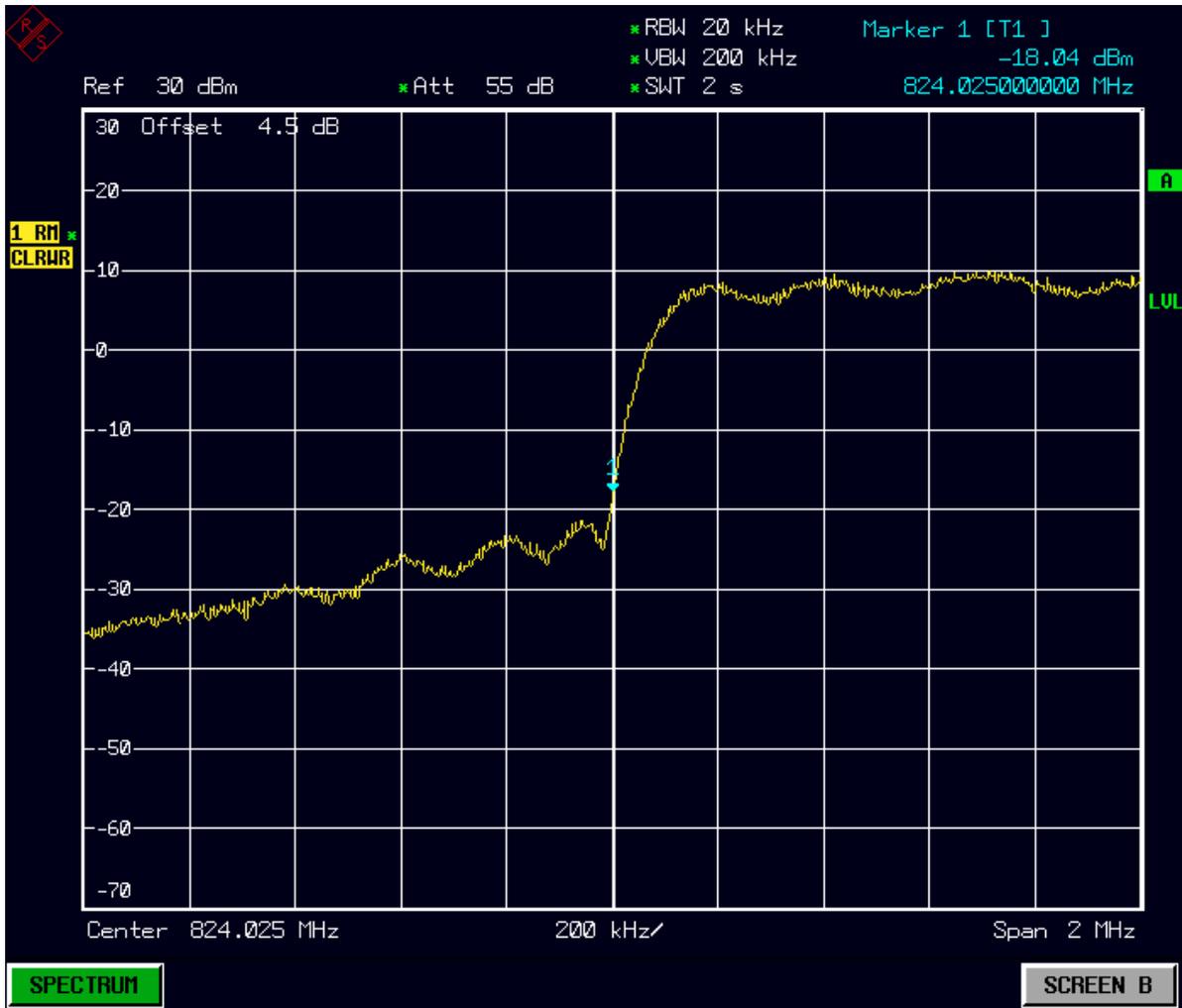
Block B', Right Edge (824.025MHz)
Channel 777



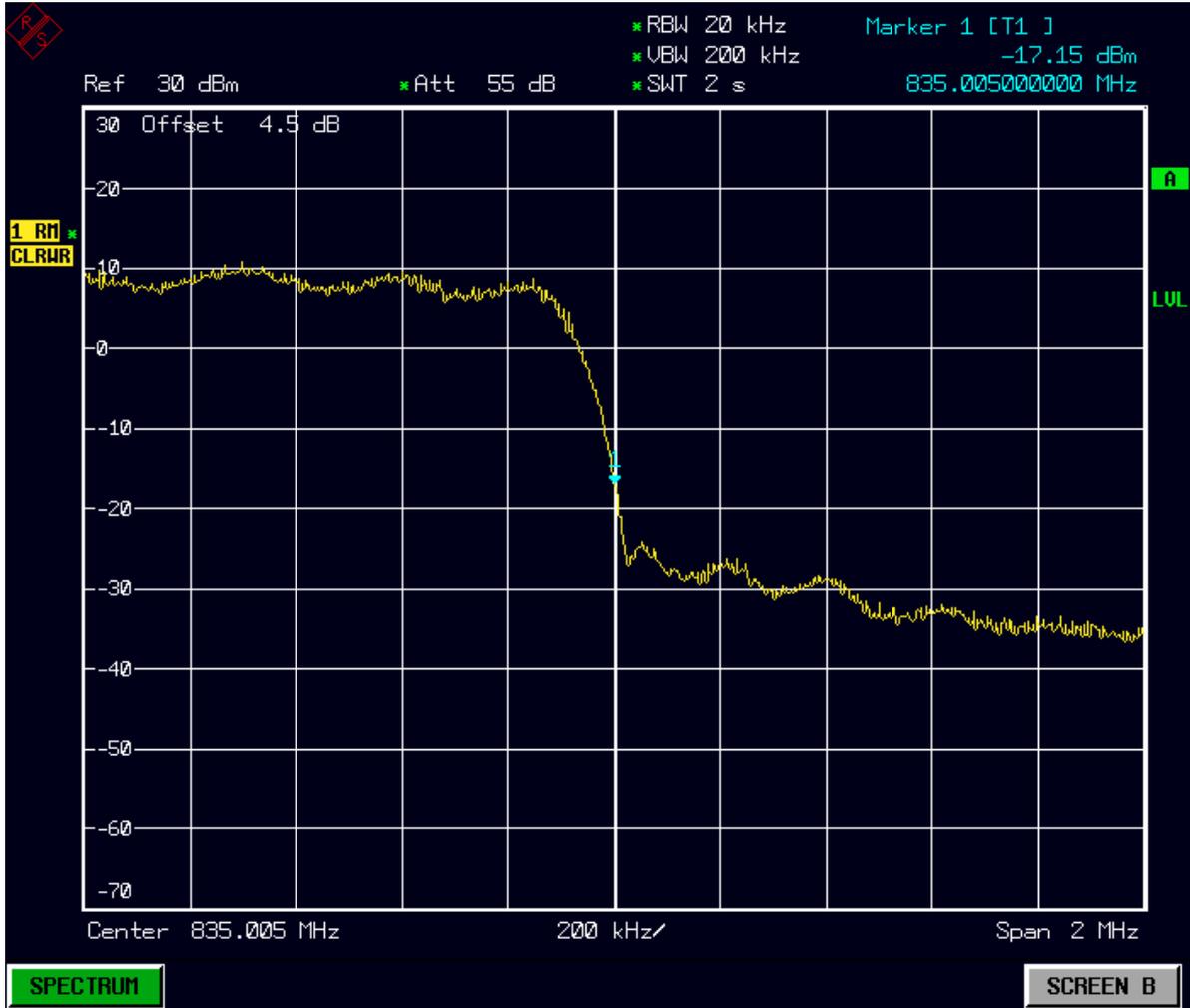
1.2 Band Subclass 1

1.2.1 RC1

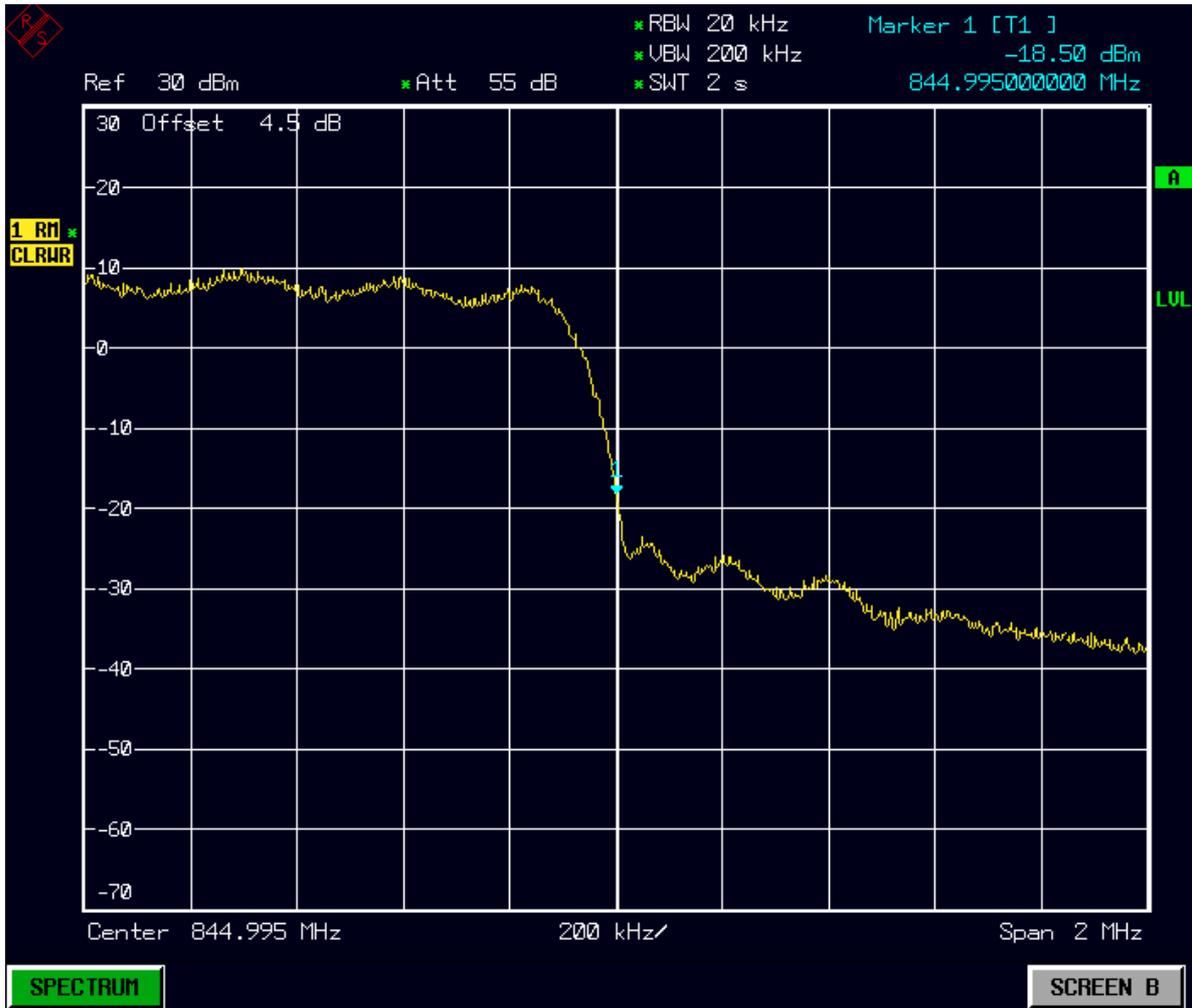
Block A" and A, Left Edge (824.025MHz) Channel 1013



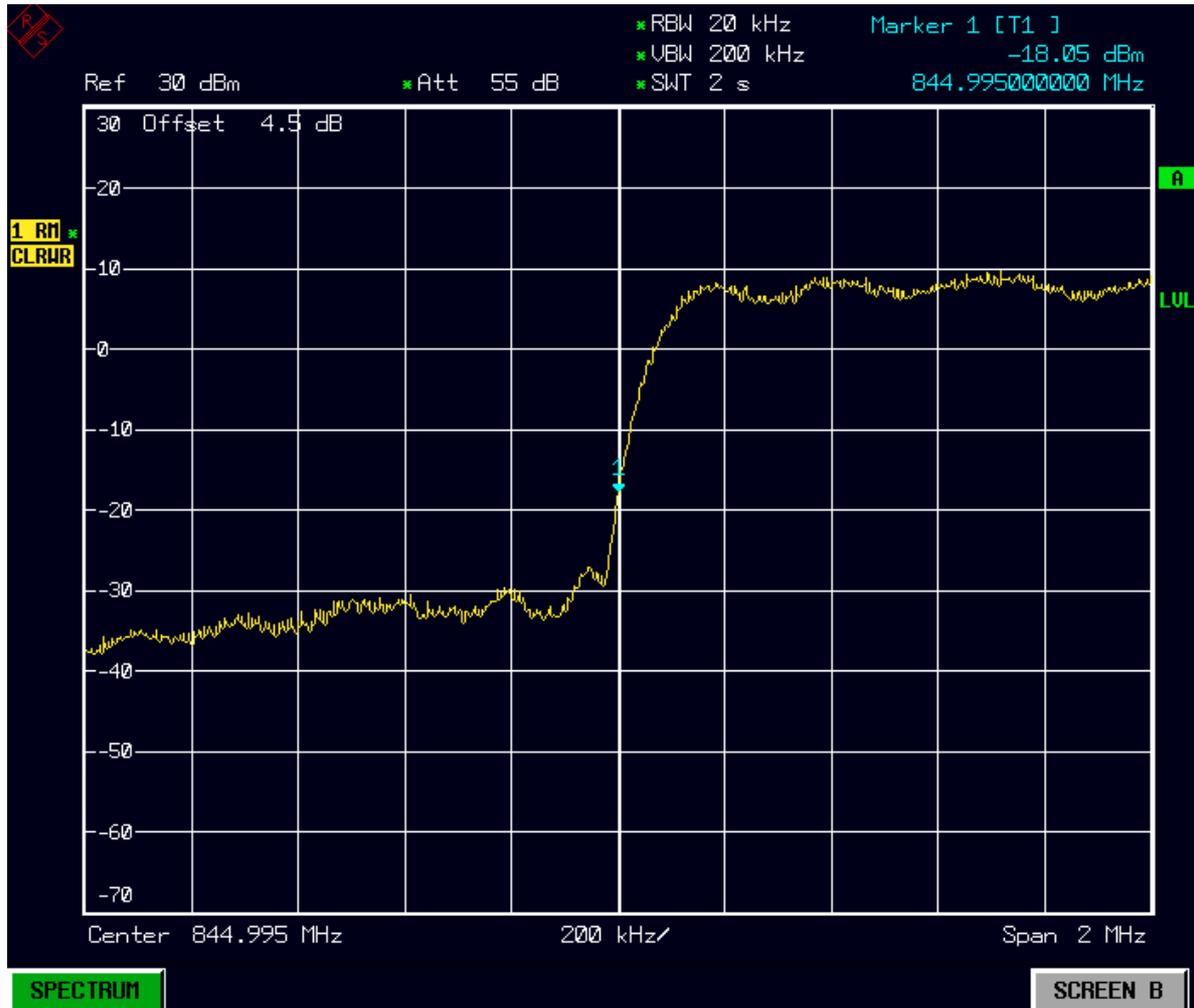
Block A" and A, right Edge (835.005MHz)
Channel 311



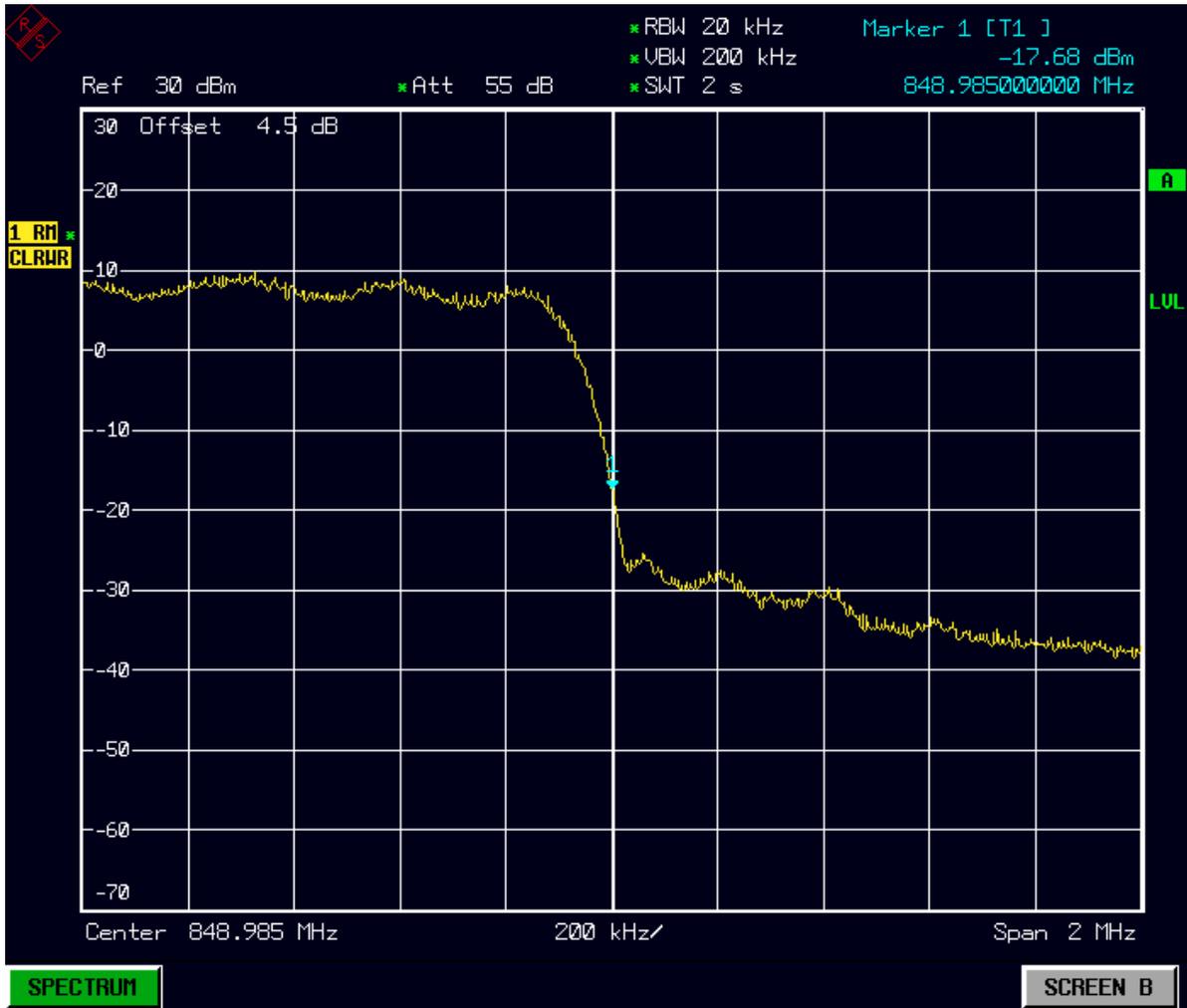
Block B, Right Edge (844.995MHz)
Channel 644



Block A' and A''', Left Edge (844.995MHz)
Channel 689

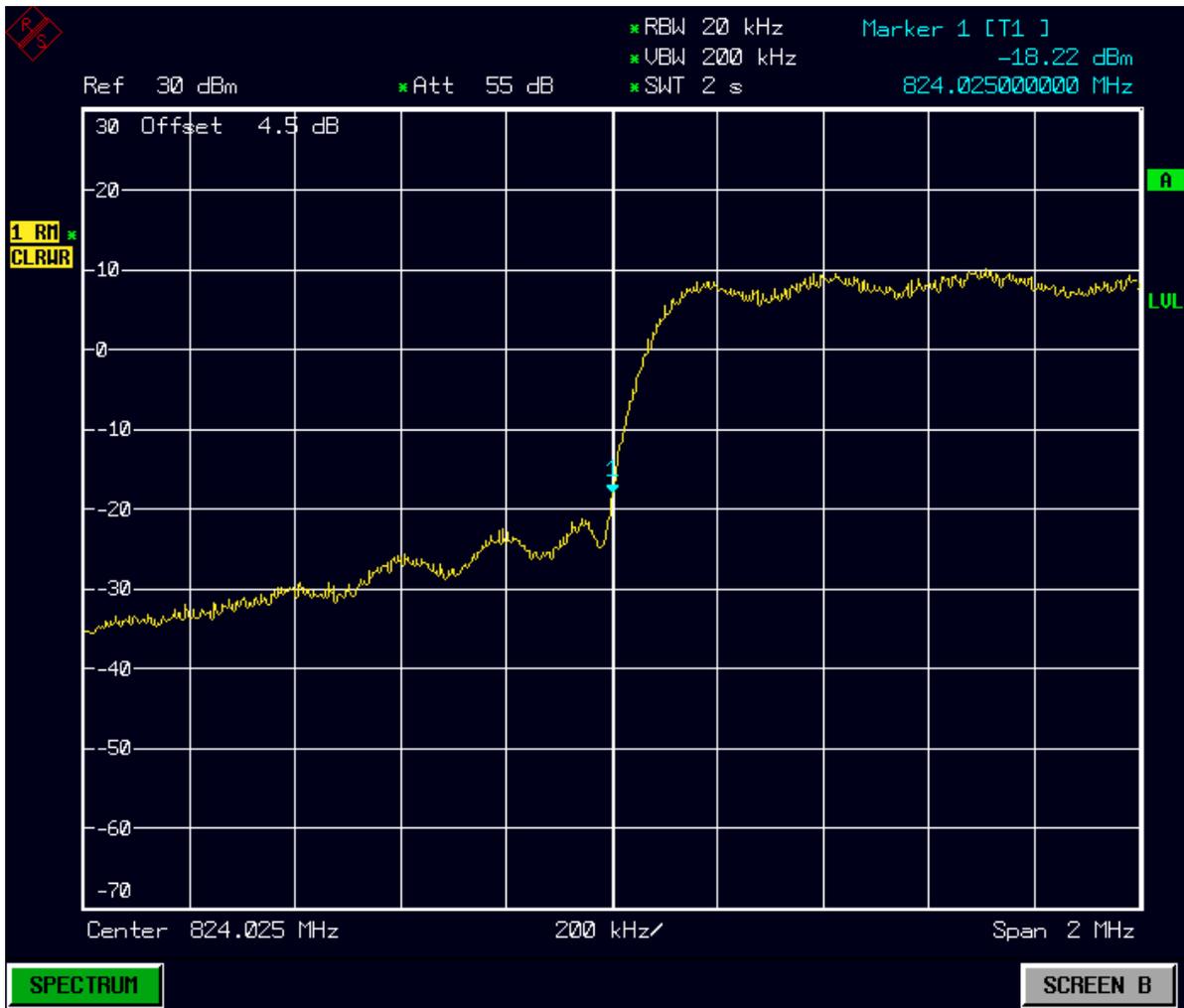


Block A' and A'', Right Edge (848.985MHz)
Channel 779

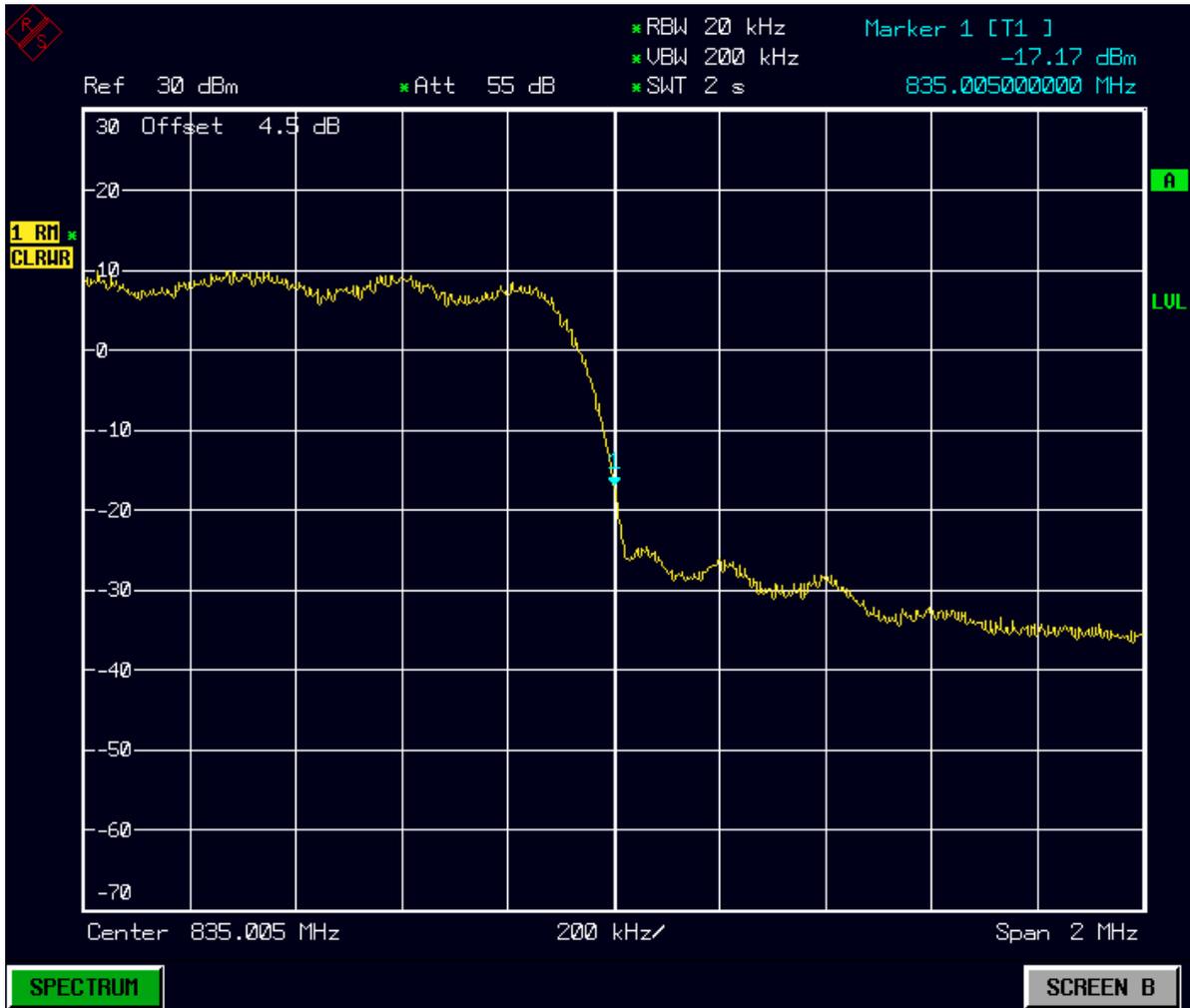


1.2.2 RC3

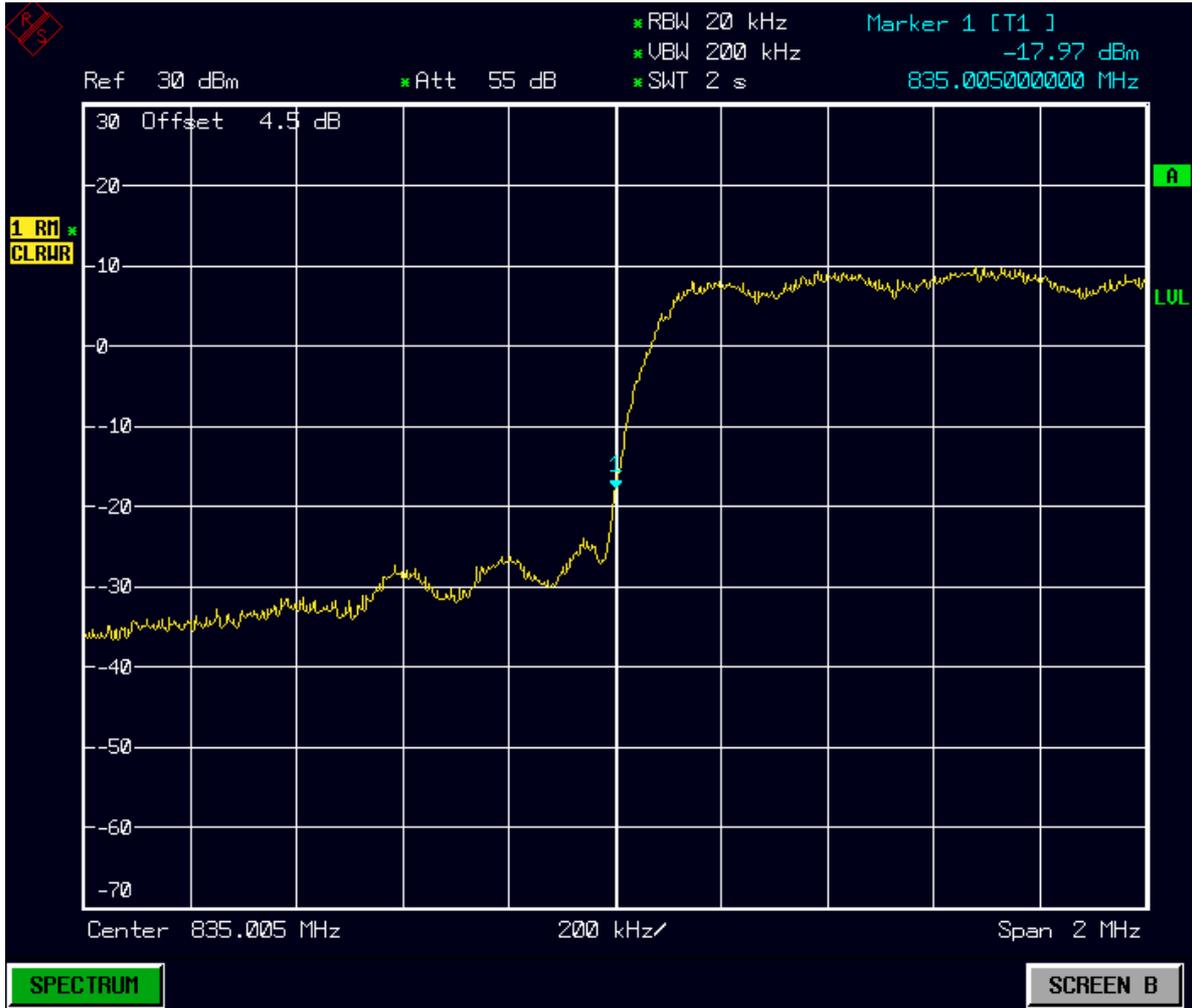
Block A" and A, Left Edge (824.025MHz) Channel 1013



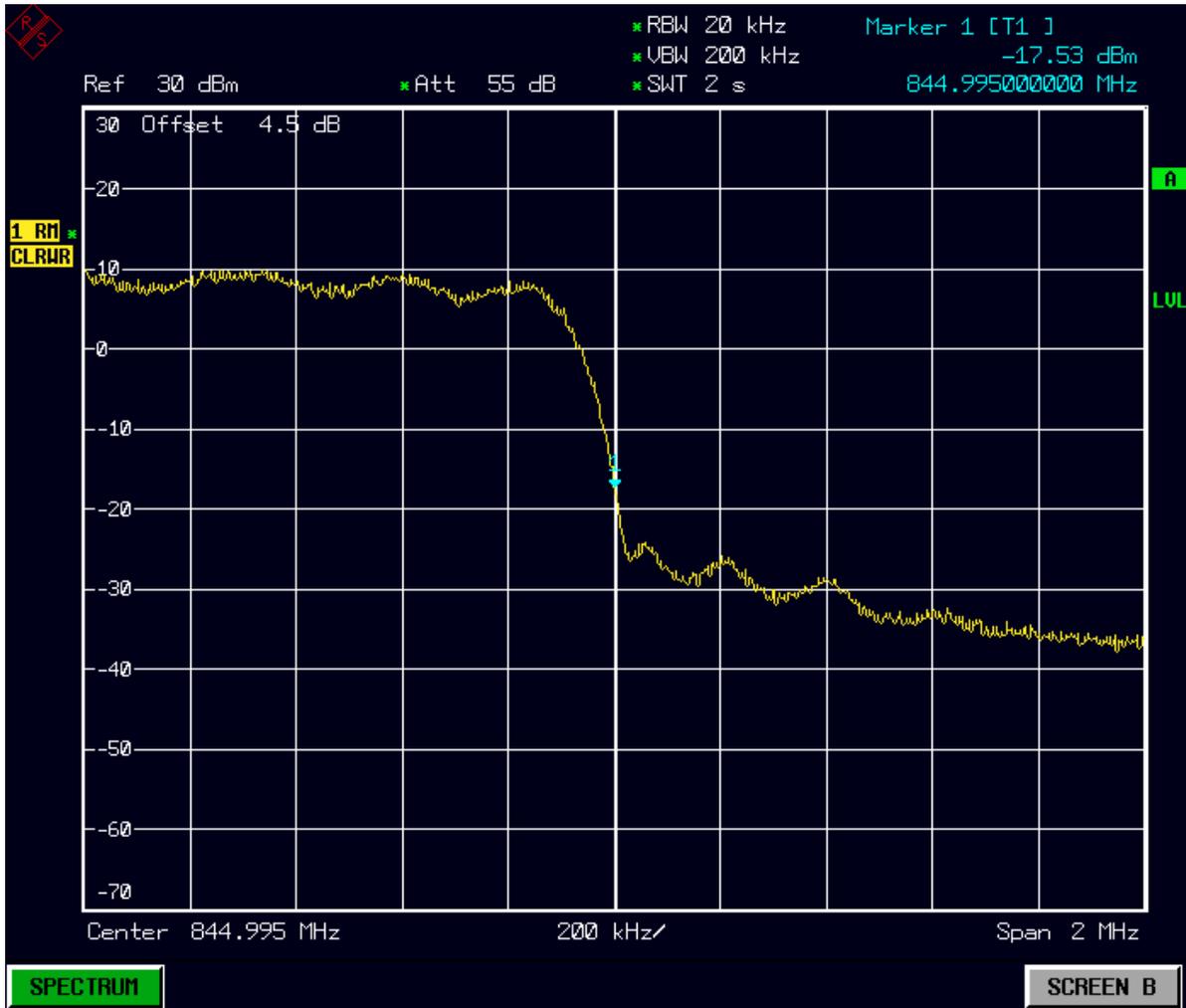
Block A" and A, right Edge (834.33MHz)
Channel 311



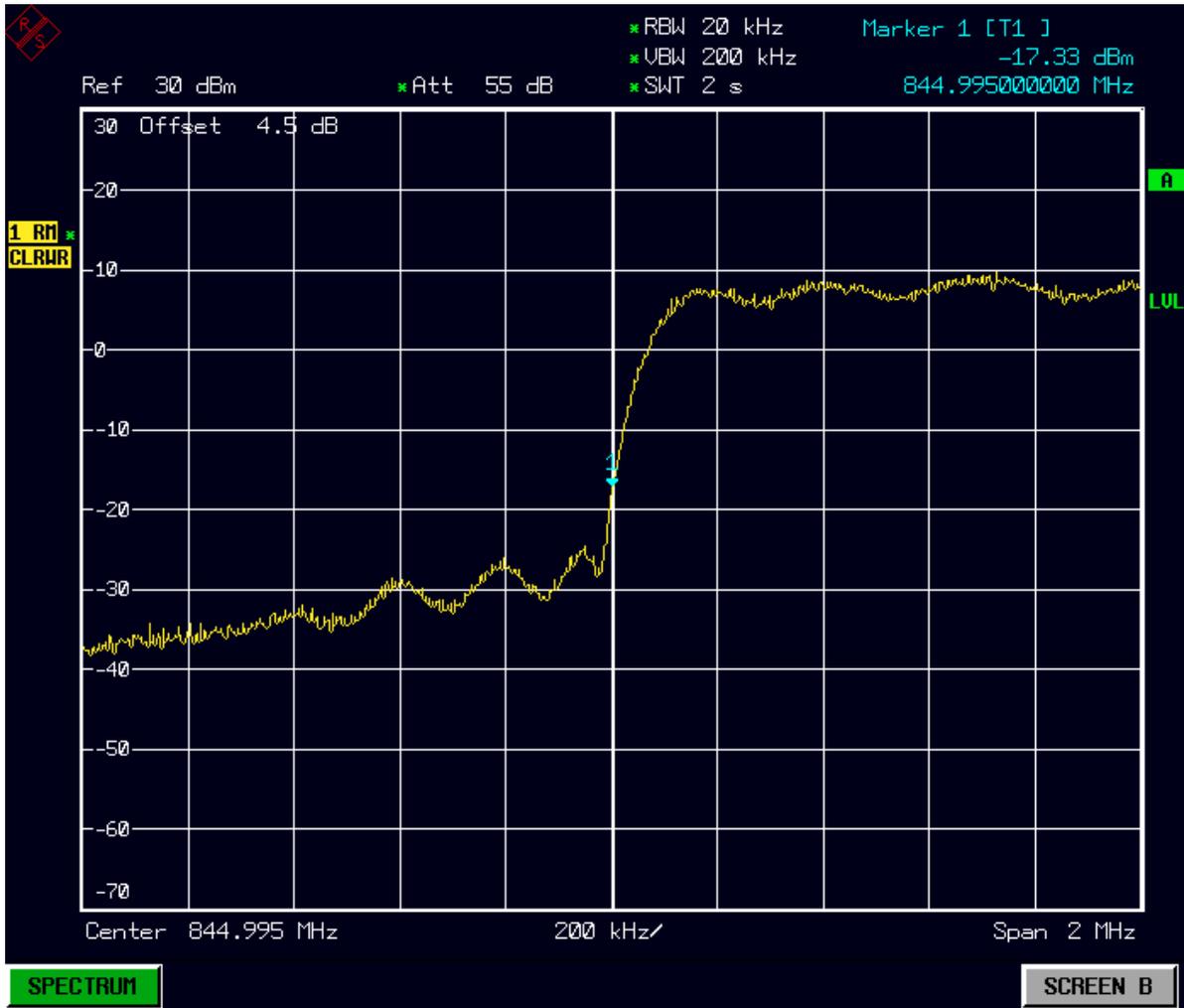
Block B, Left Edge (835.005MHz)
Channel 356



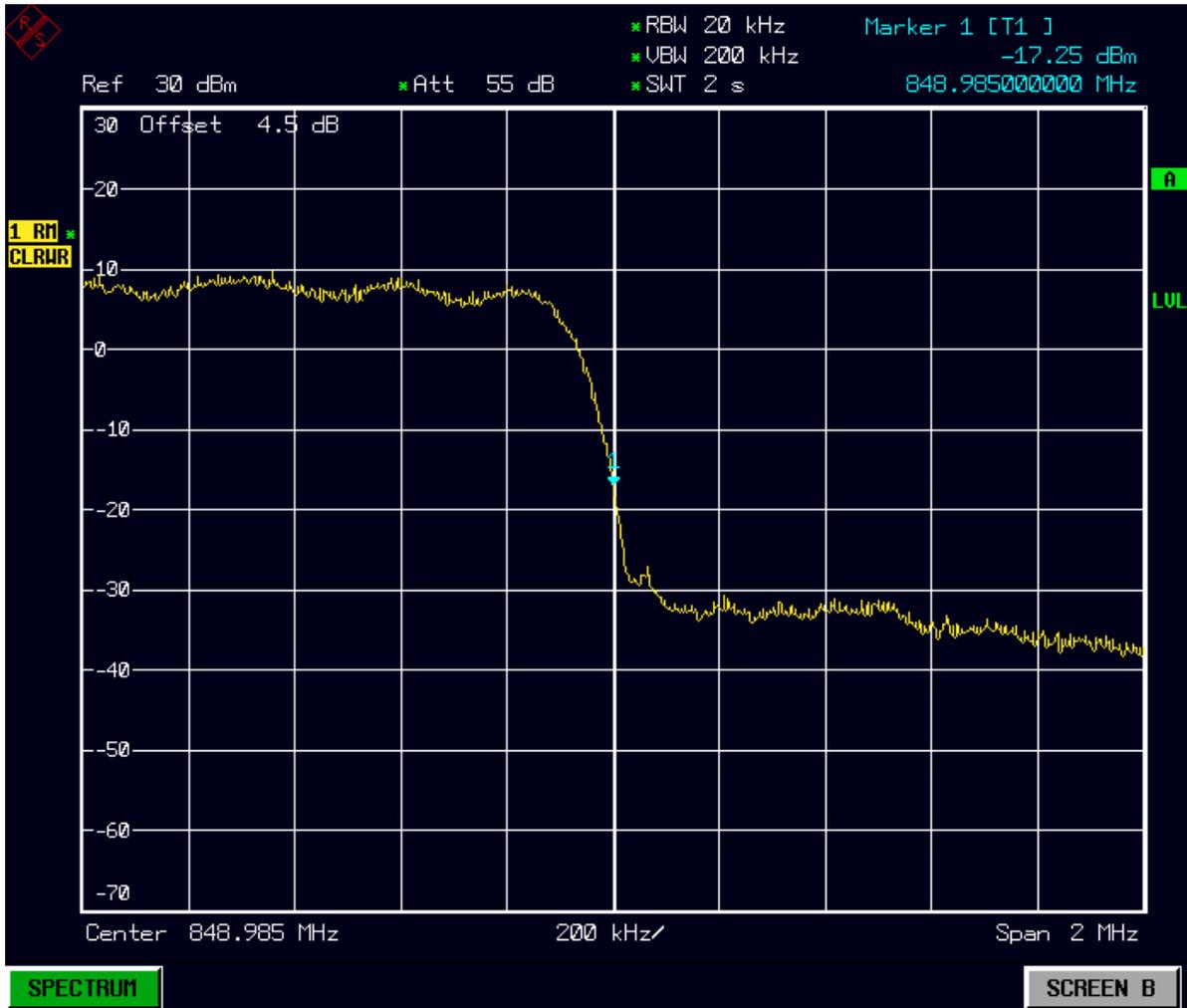
Block B, Right Edge (844.995MHz)
Channel 644

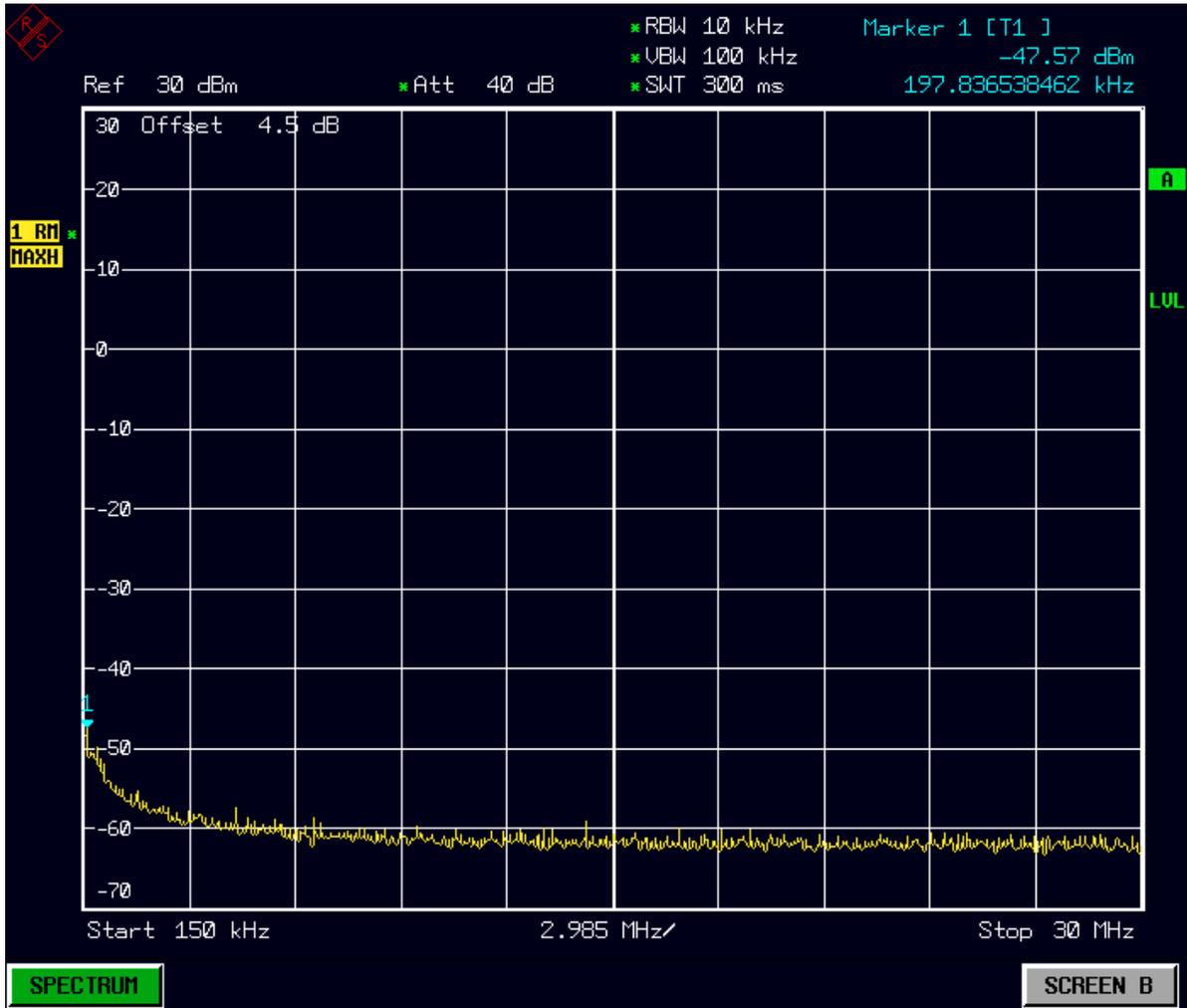


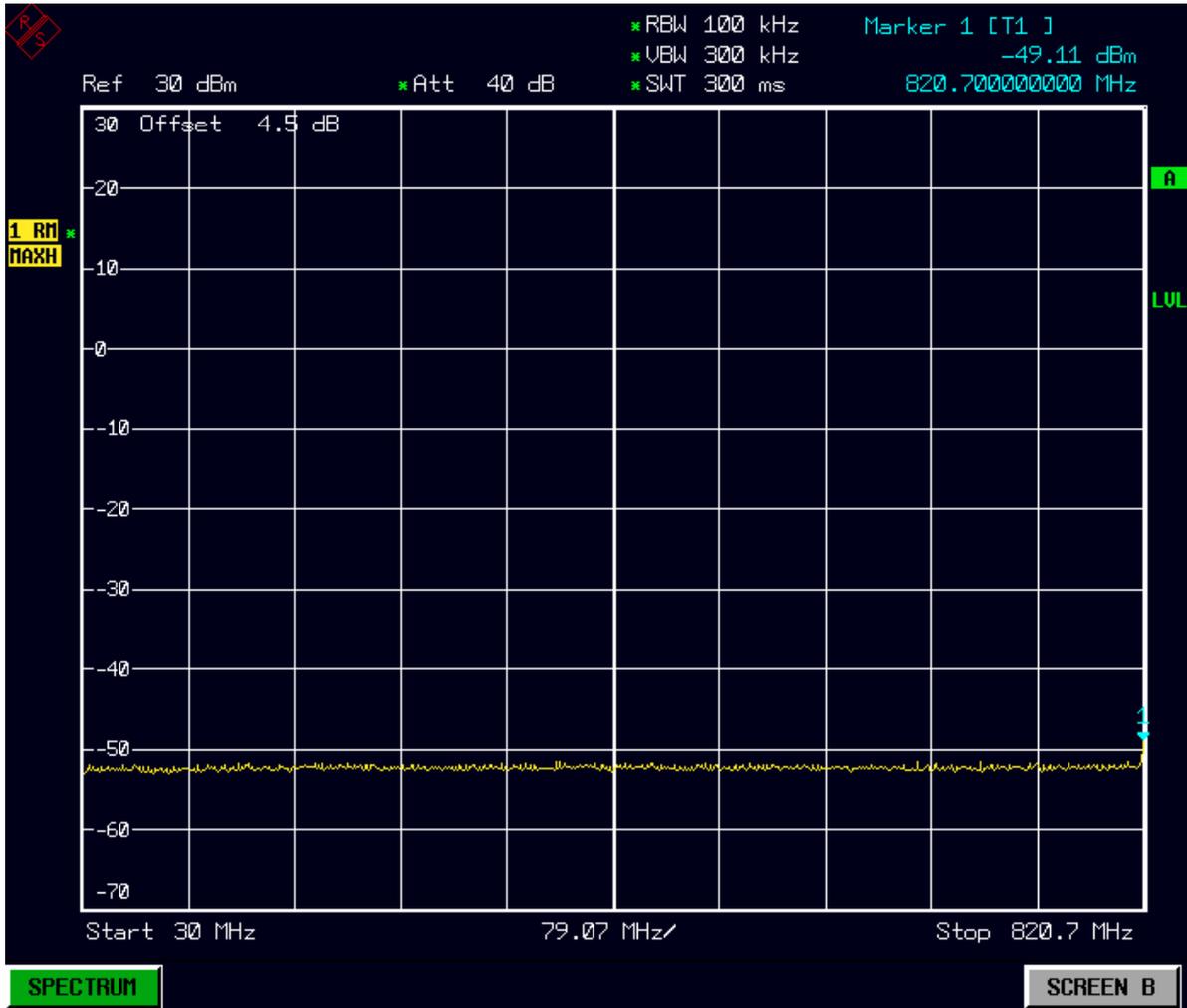
Block A' and A''', Left Edge (844.995MHz)
Channel 689

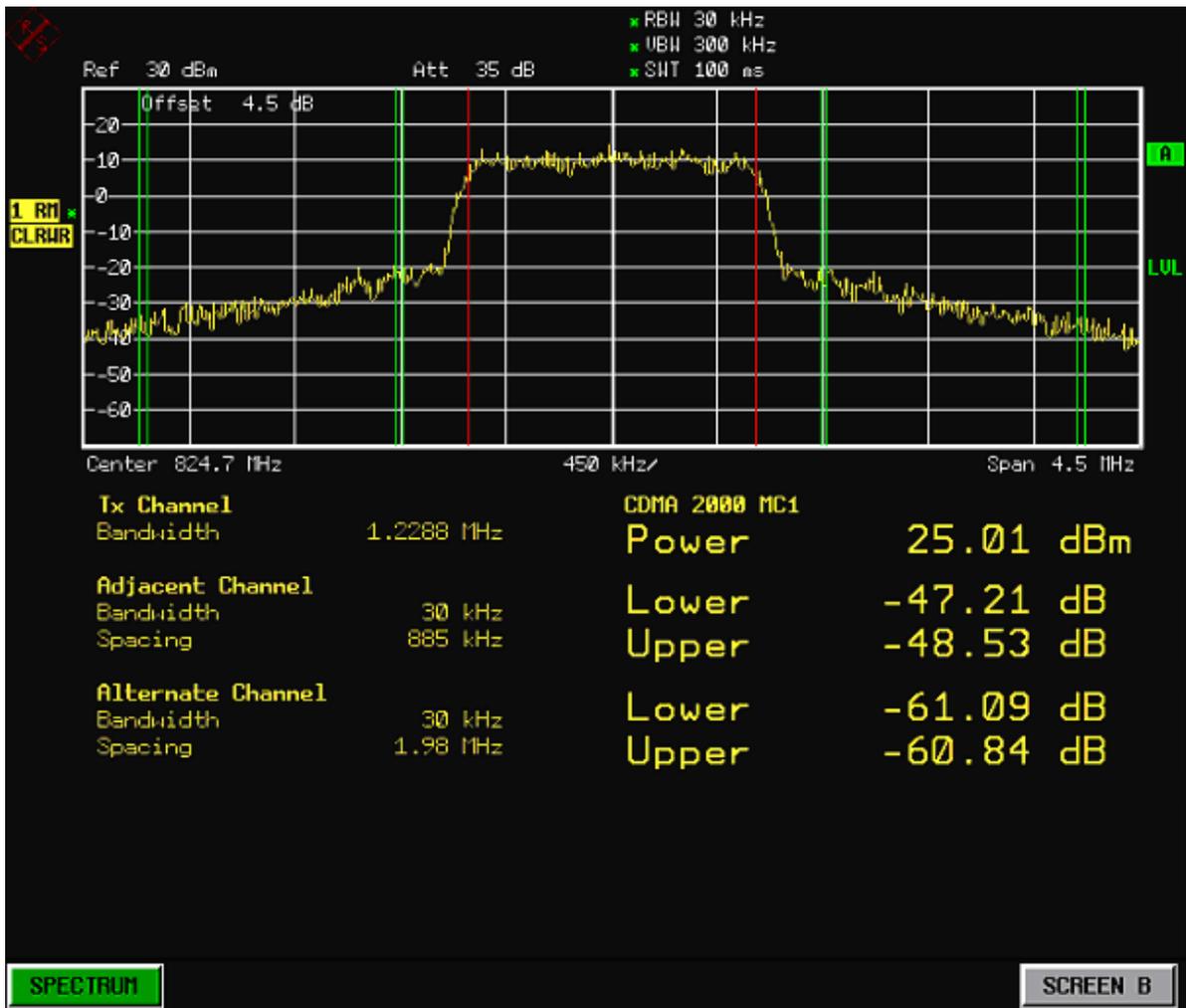


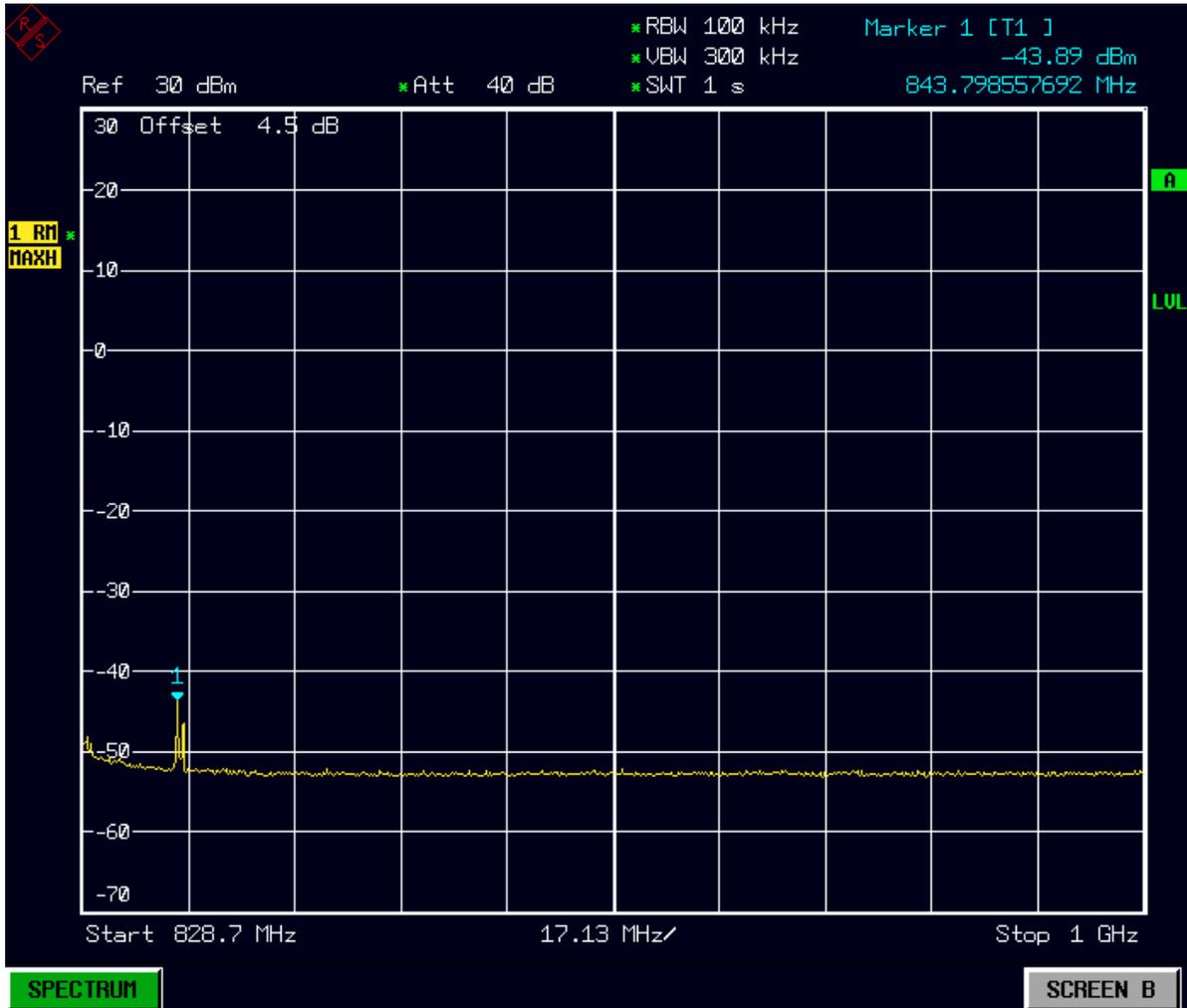
Block A' and A''', Right Edge (848.985MHz)
Channel 779

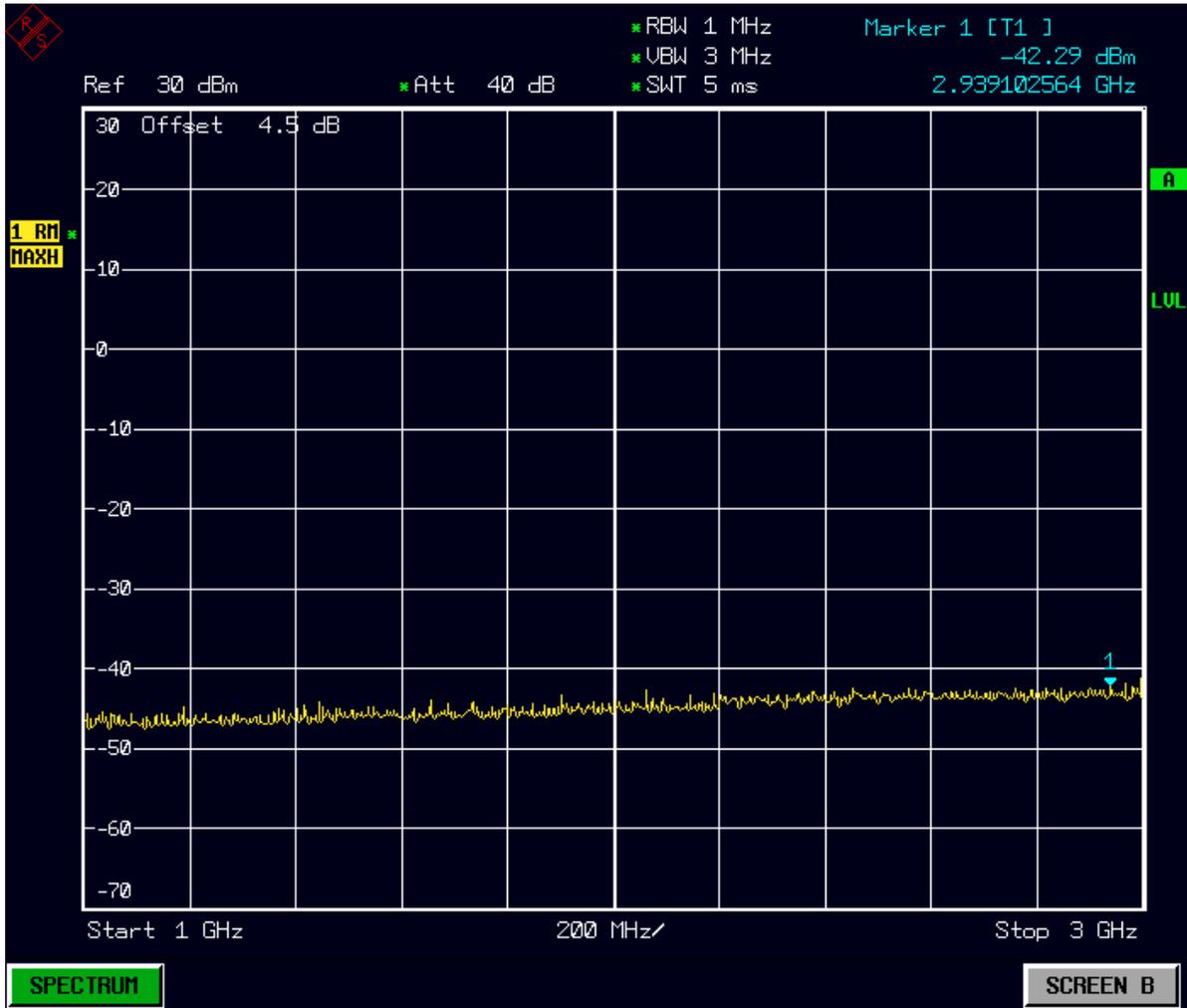


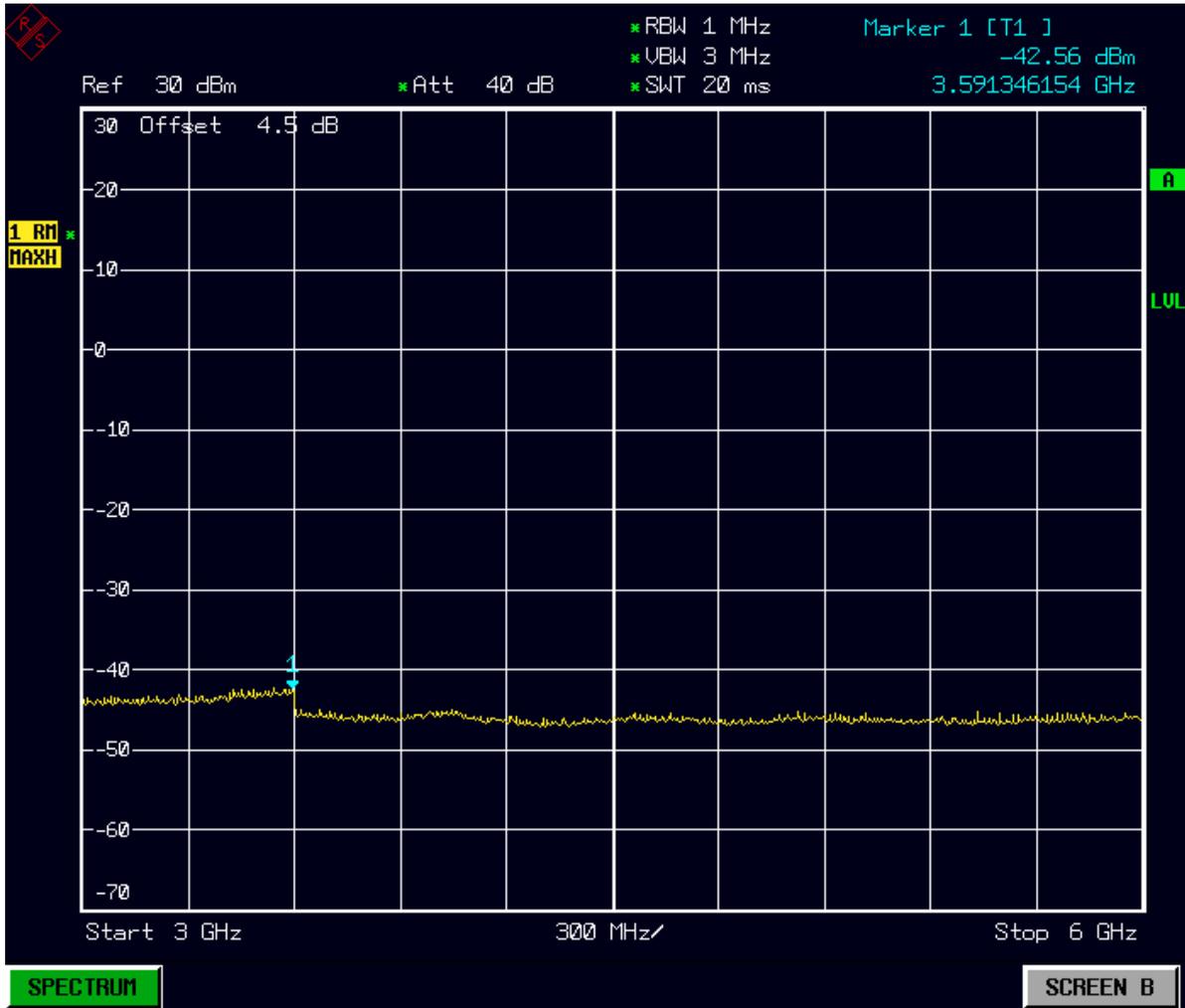


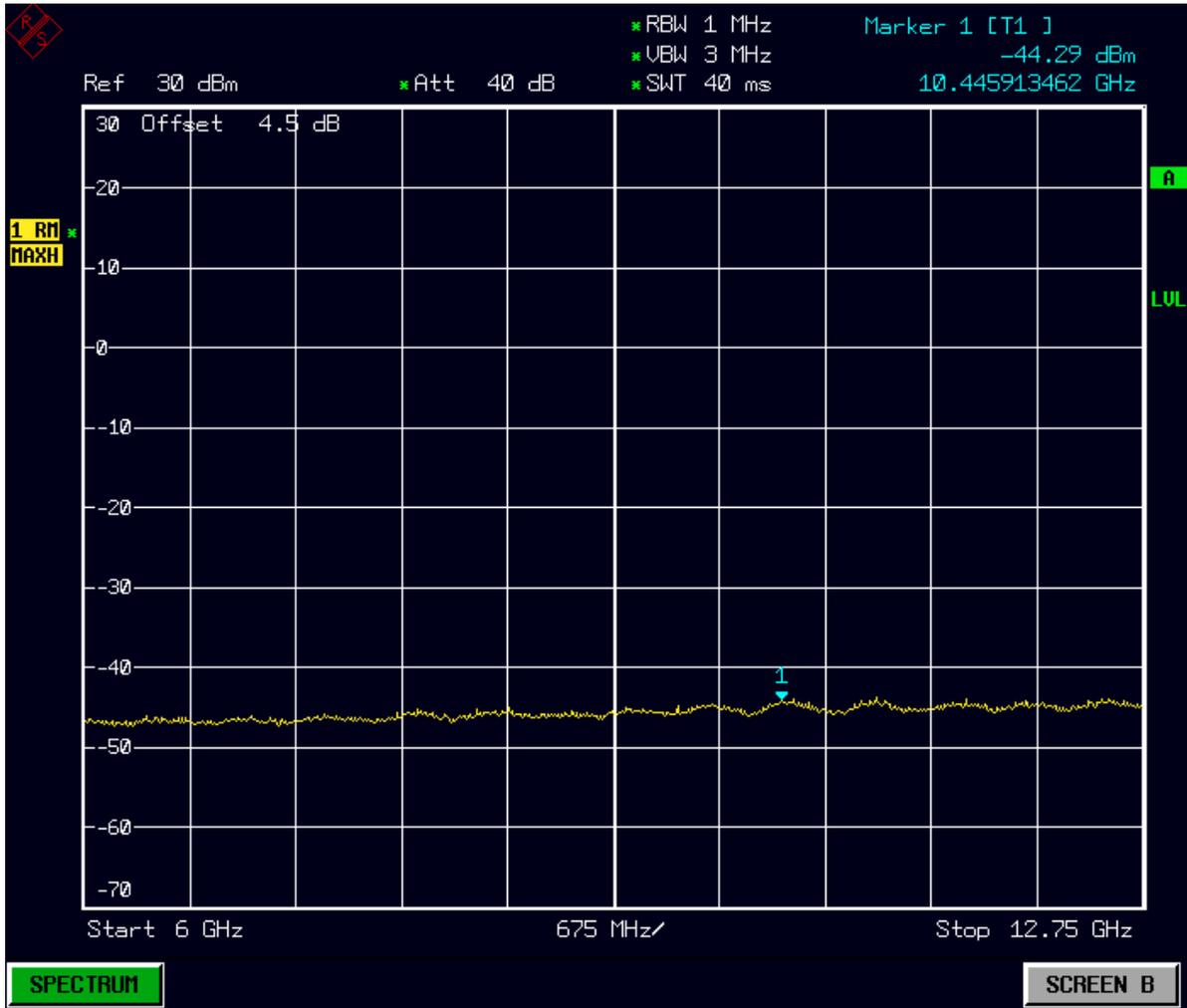




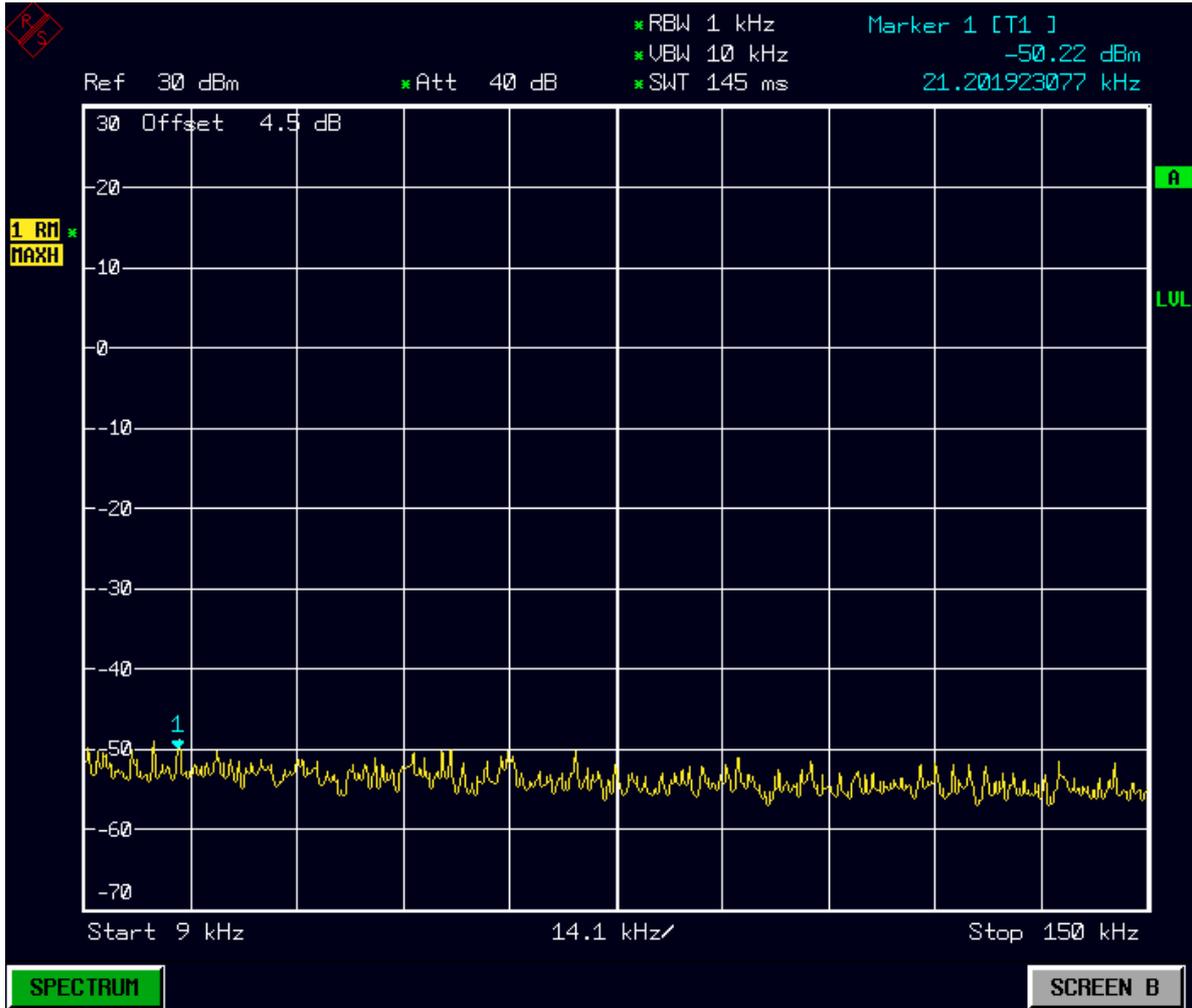


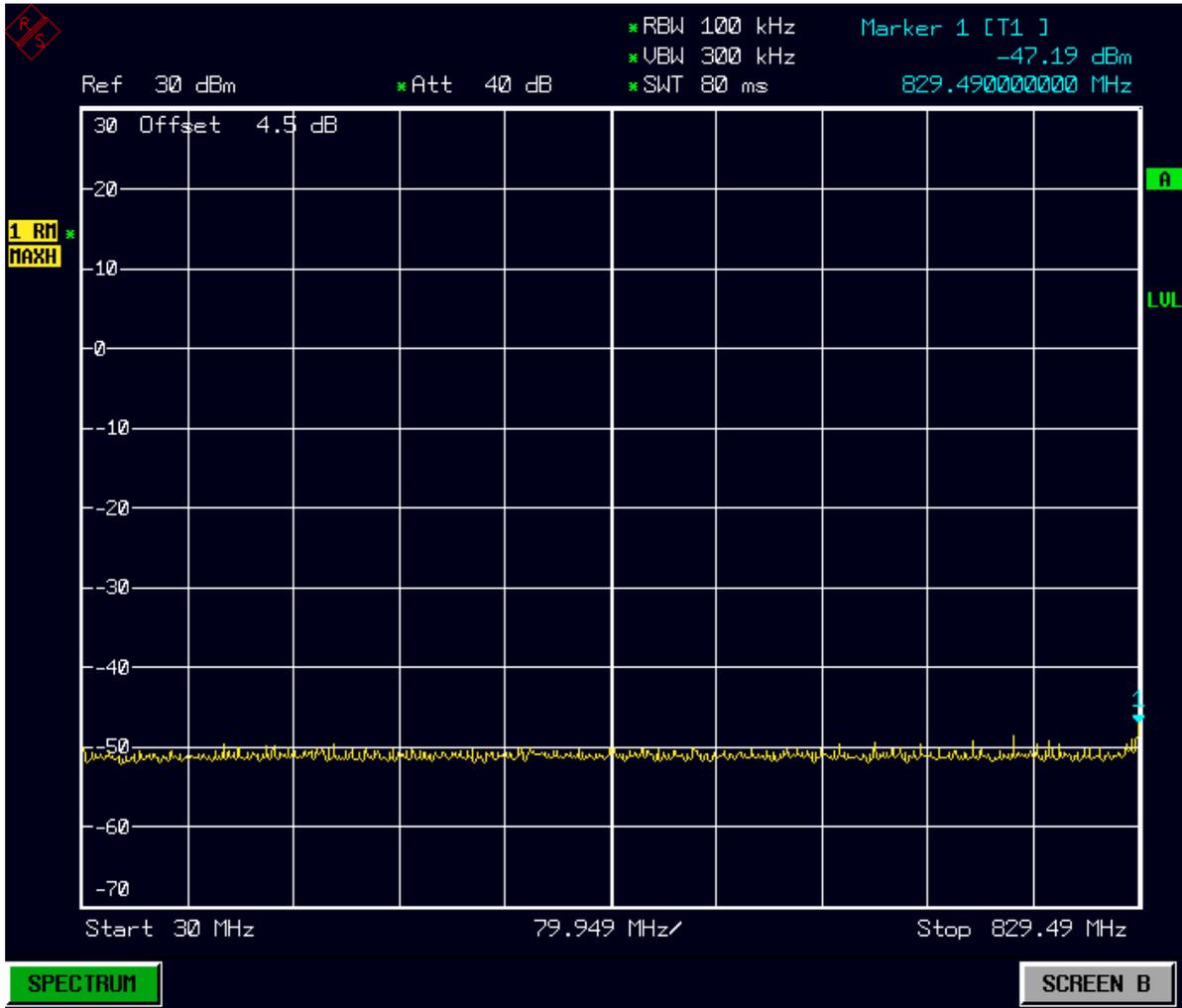


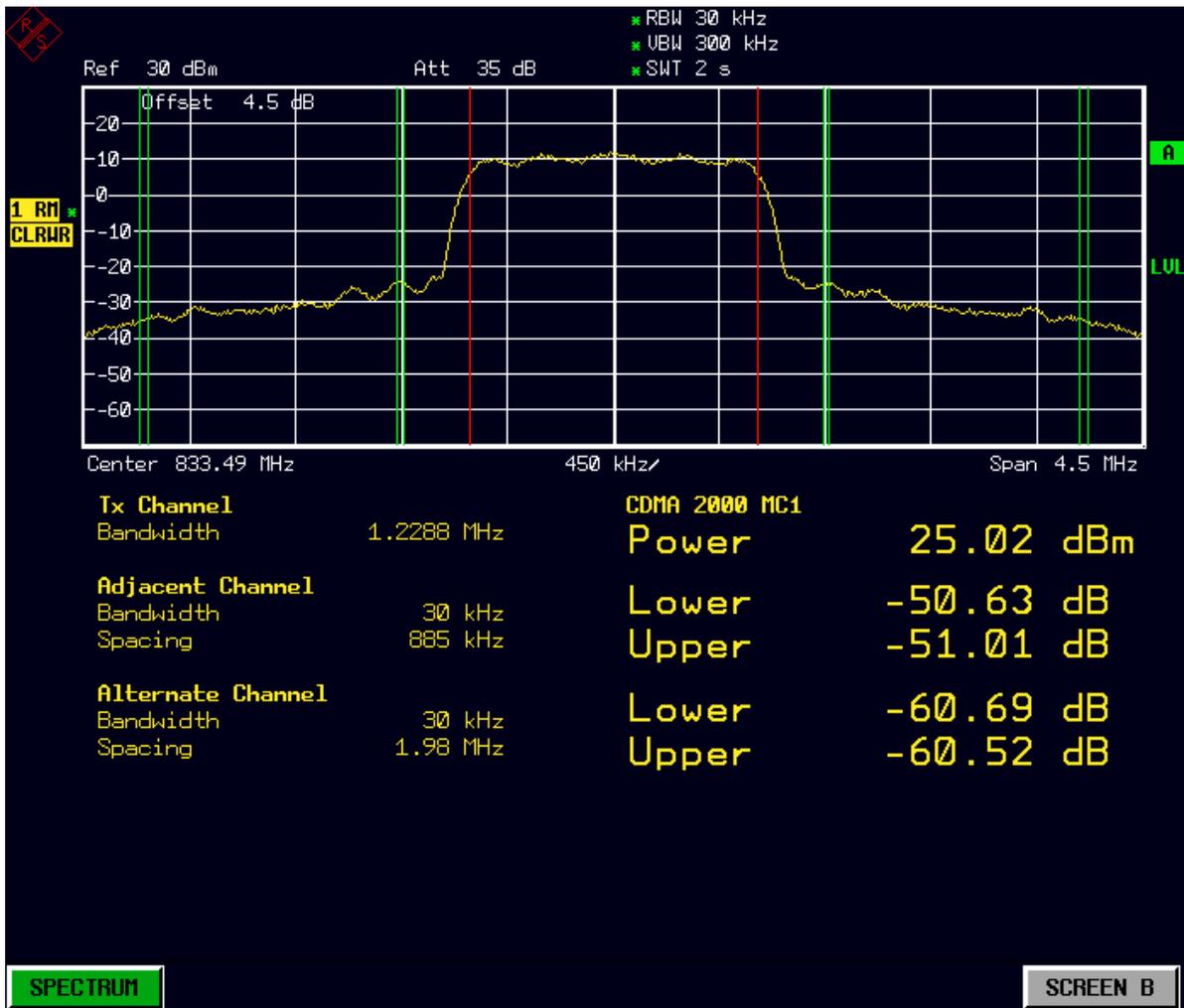


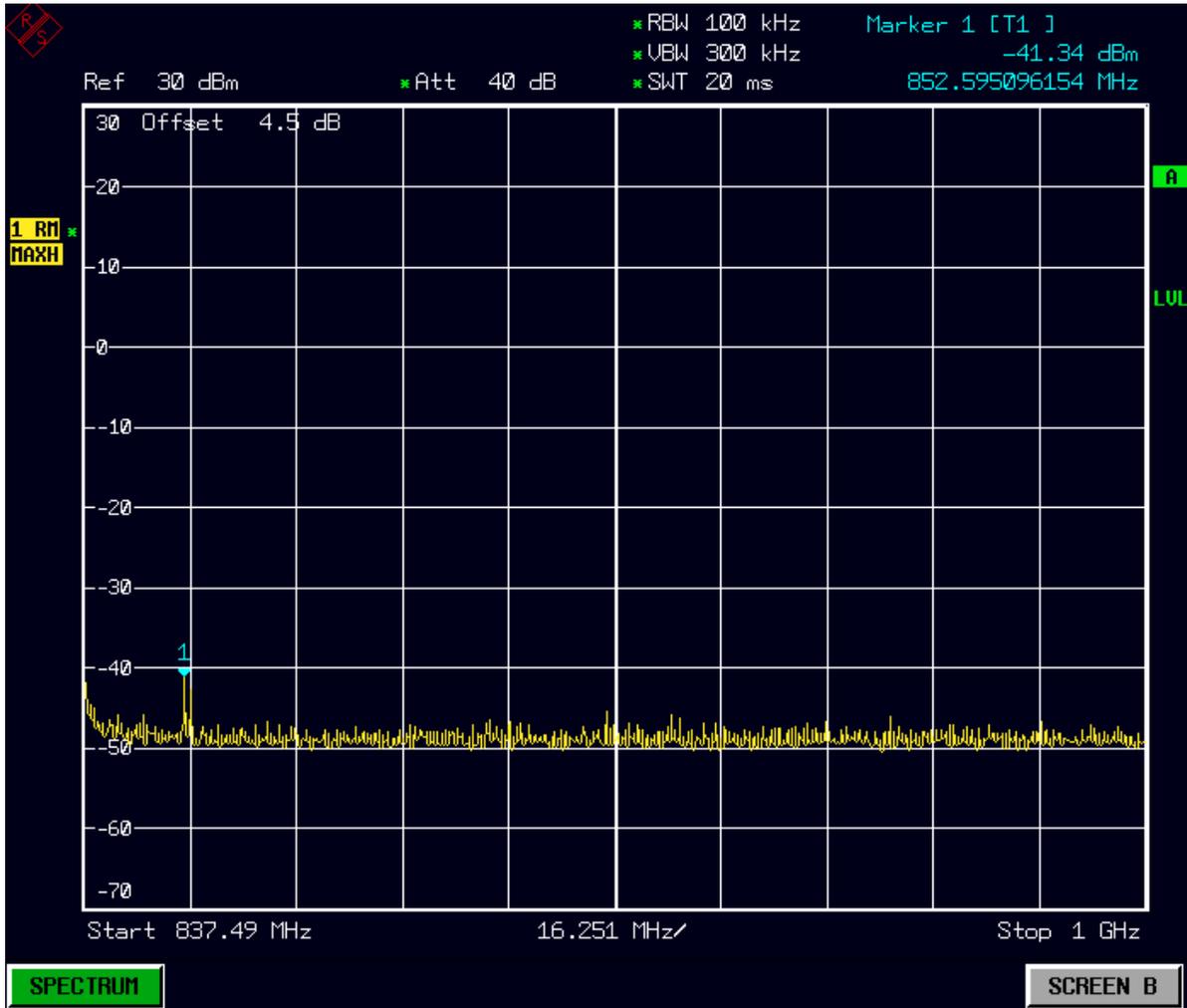


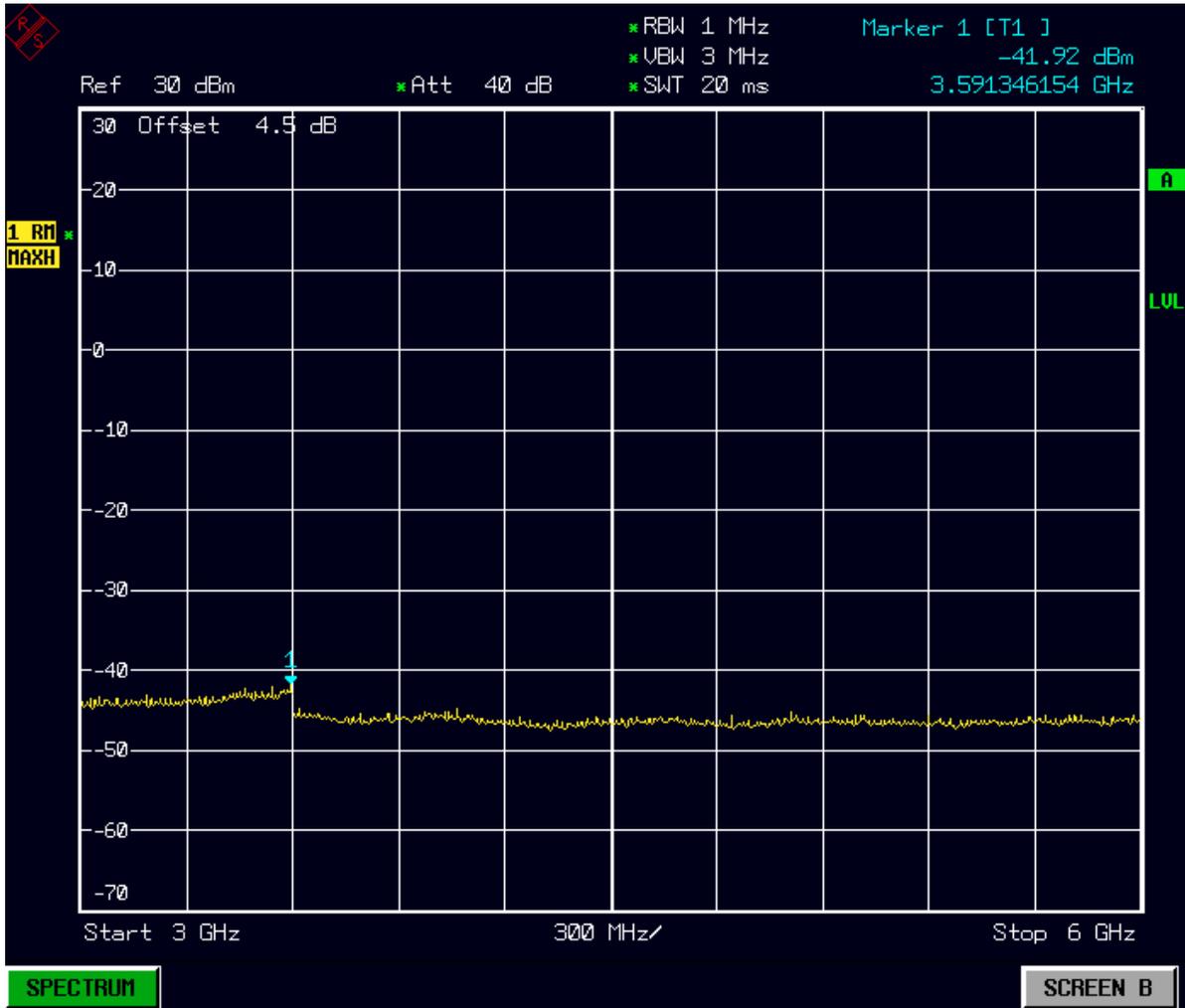
Channel 283

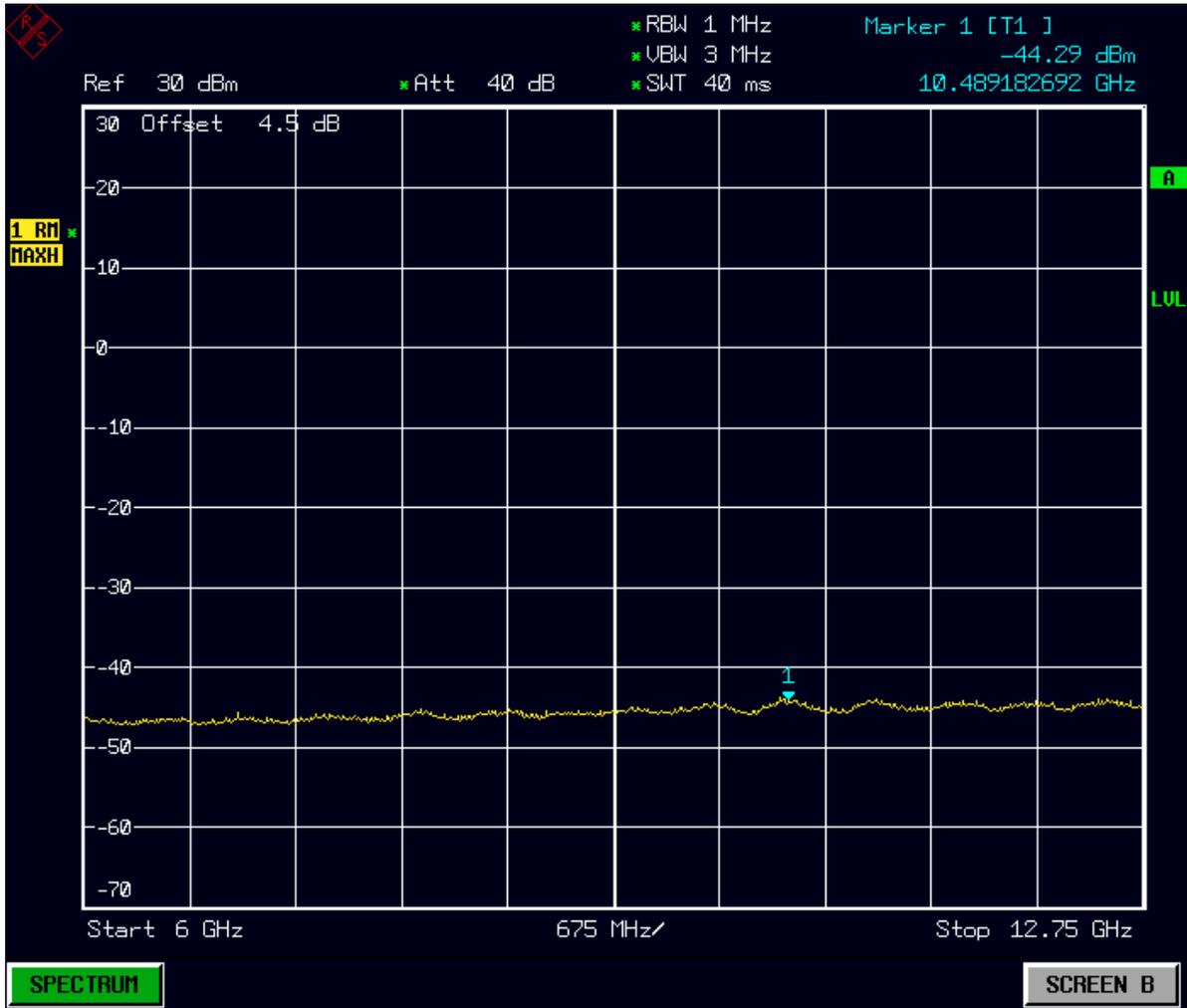


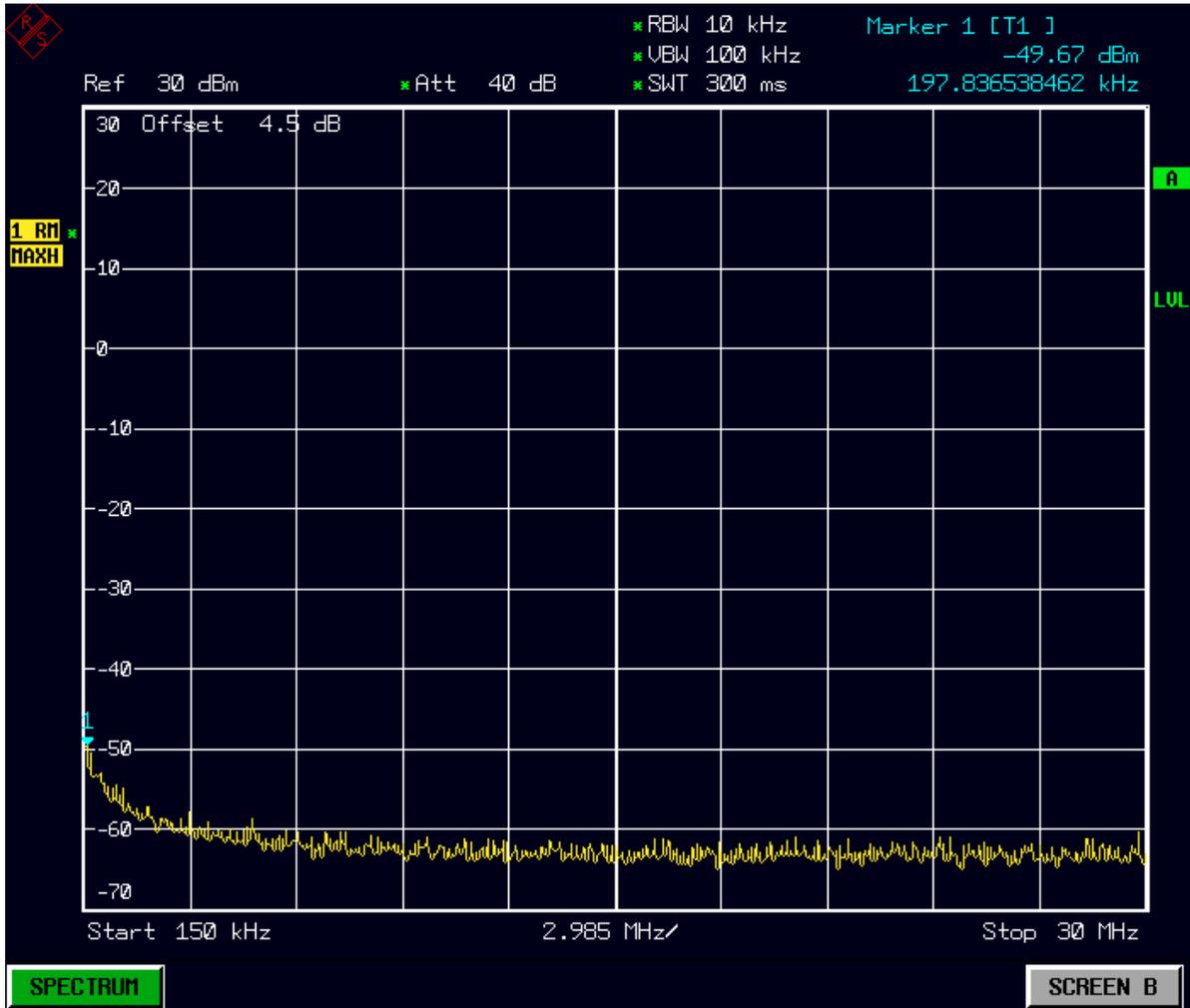


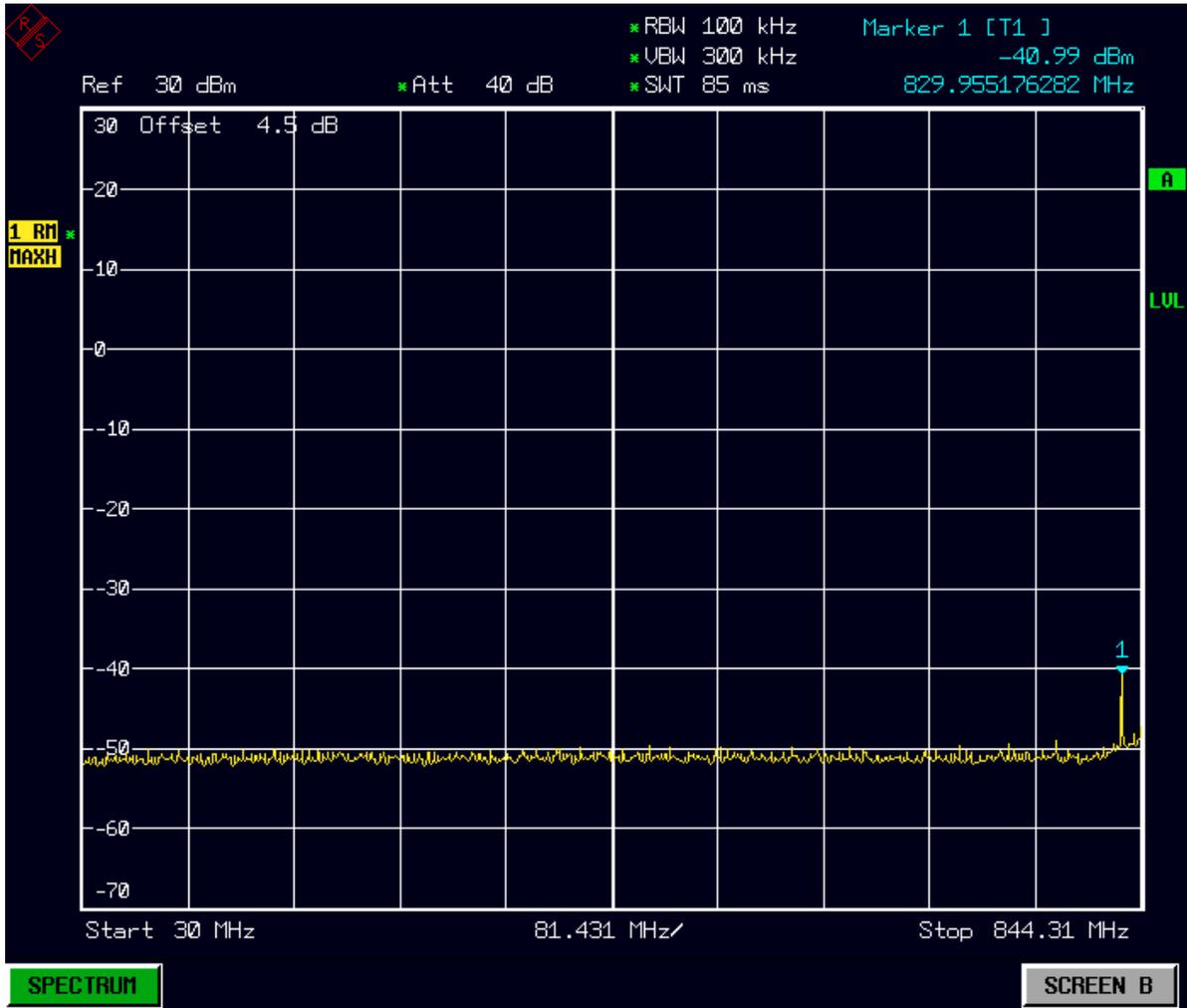


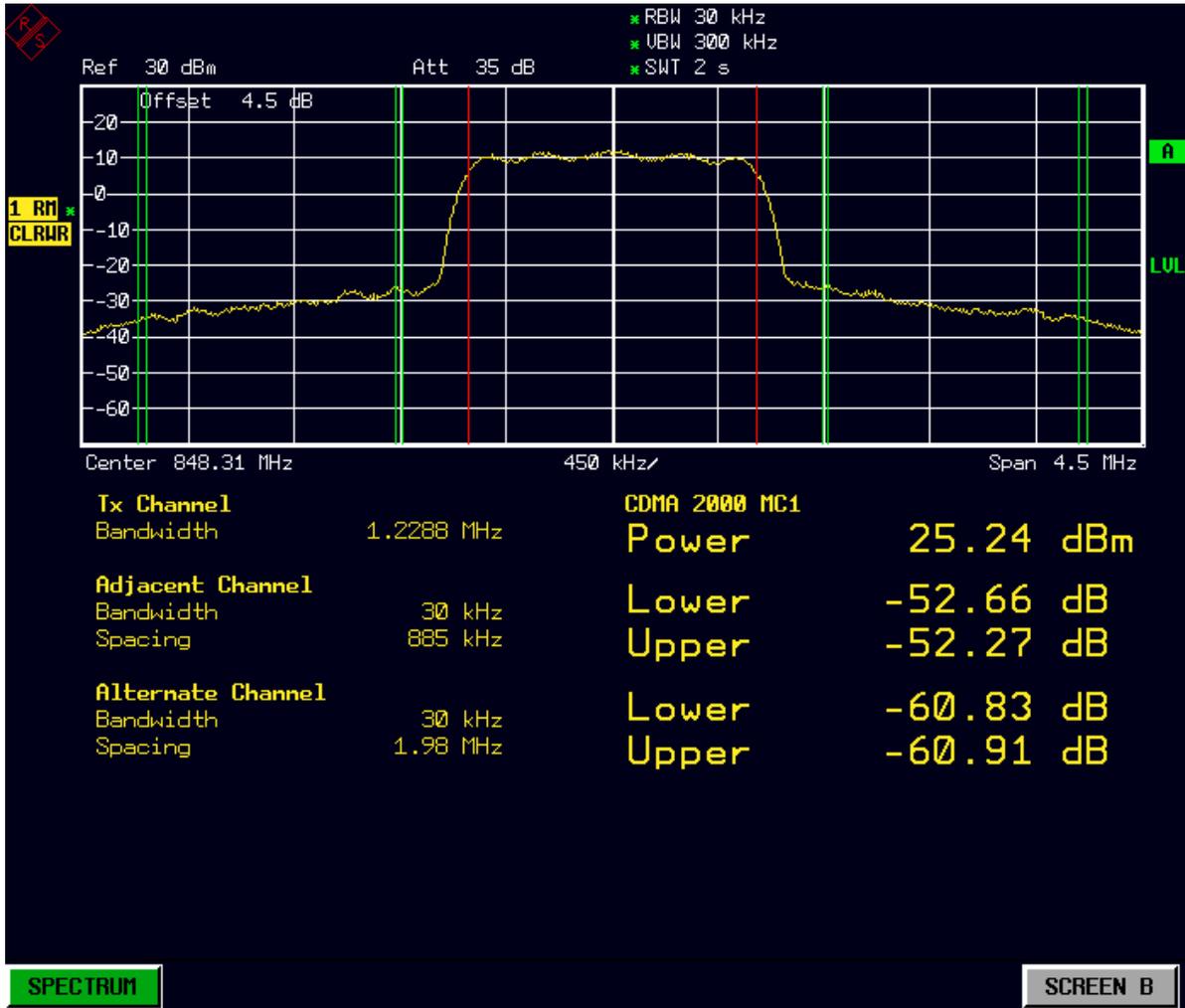


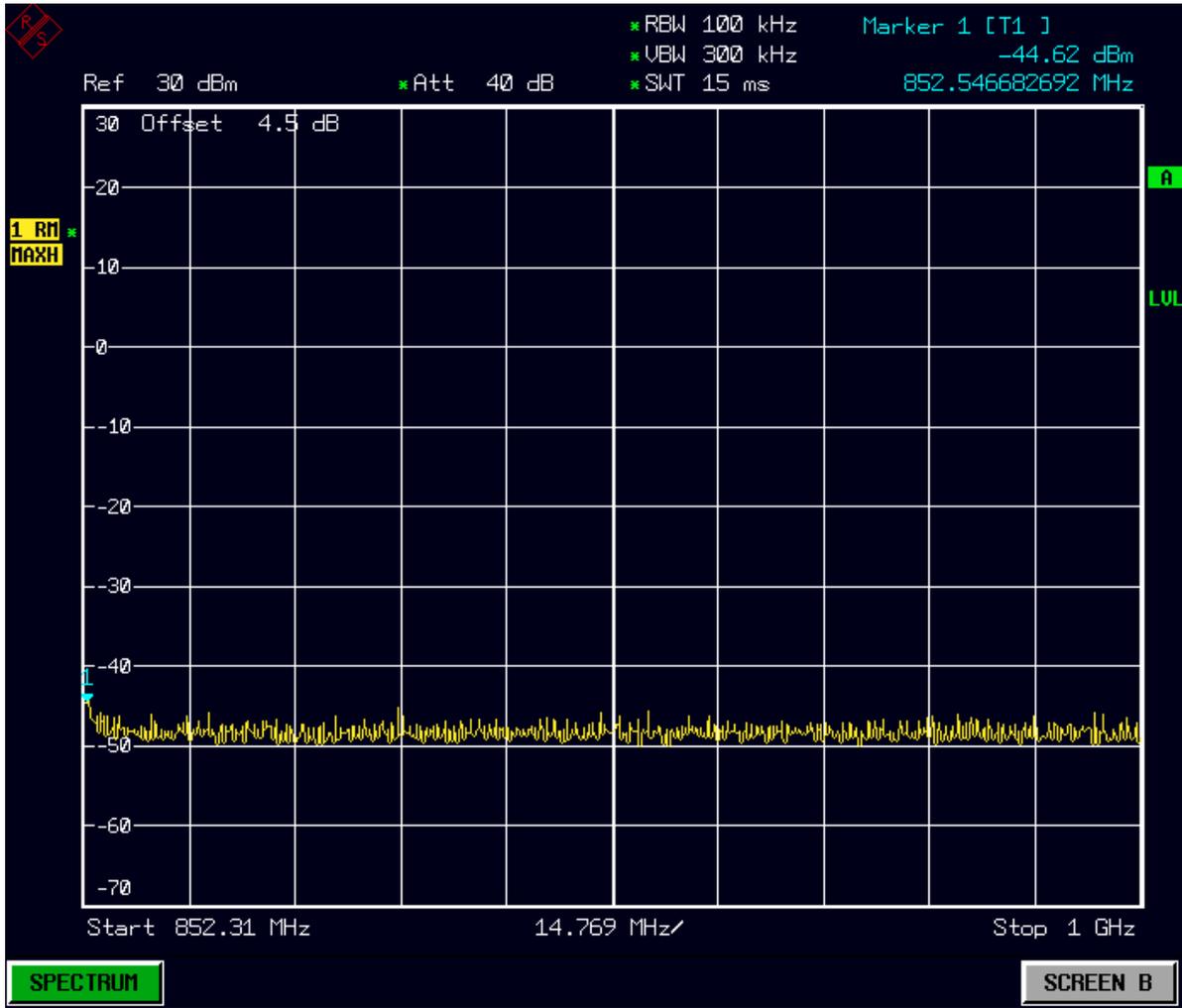


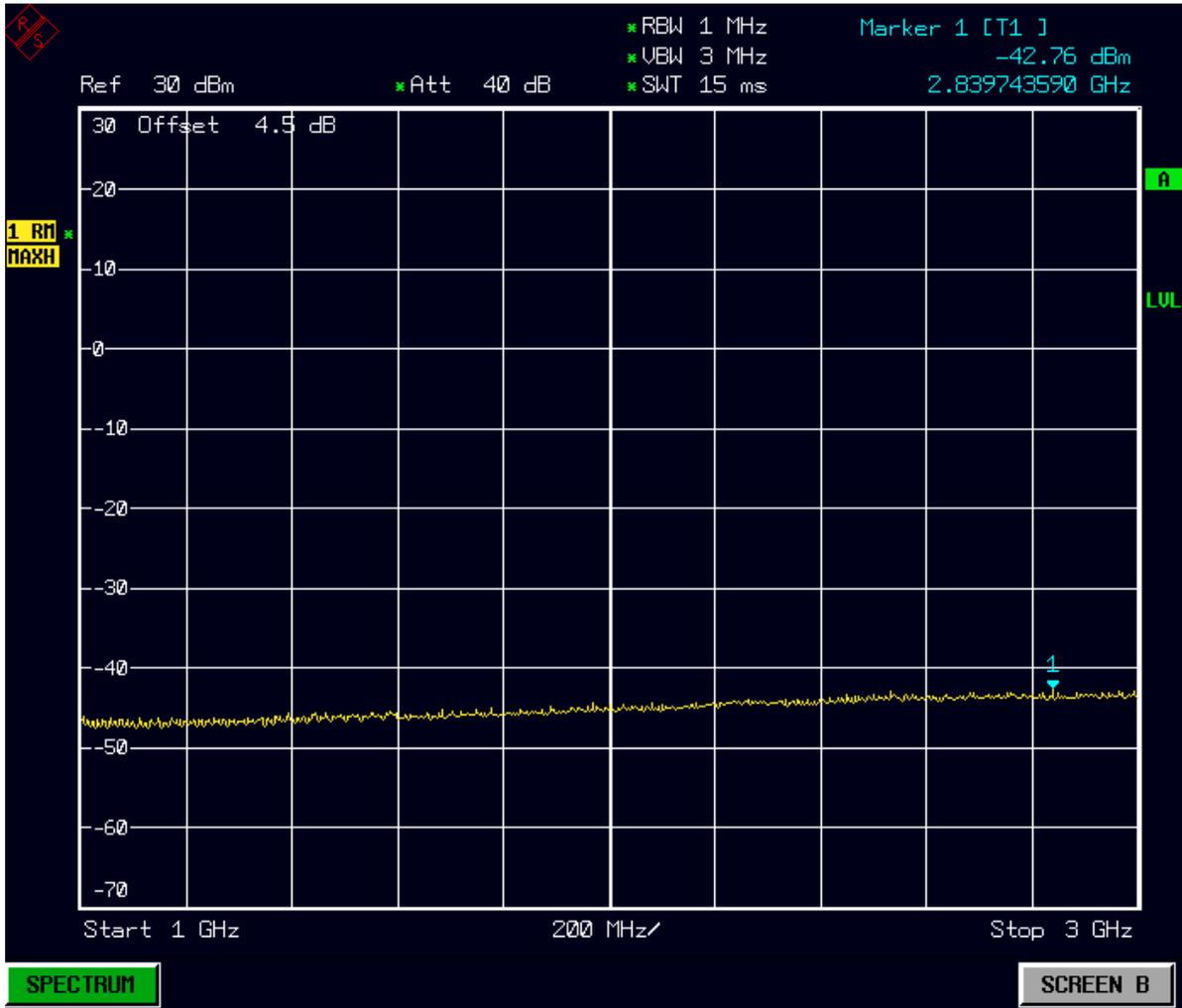


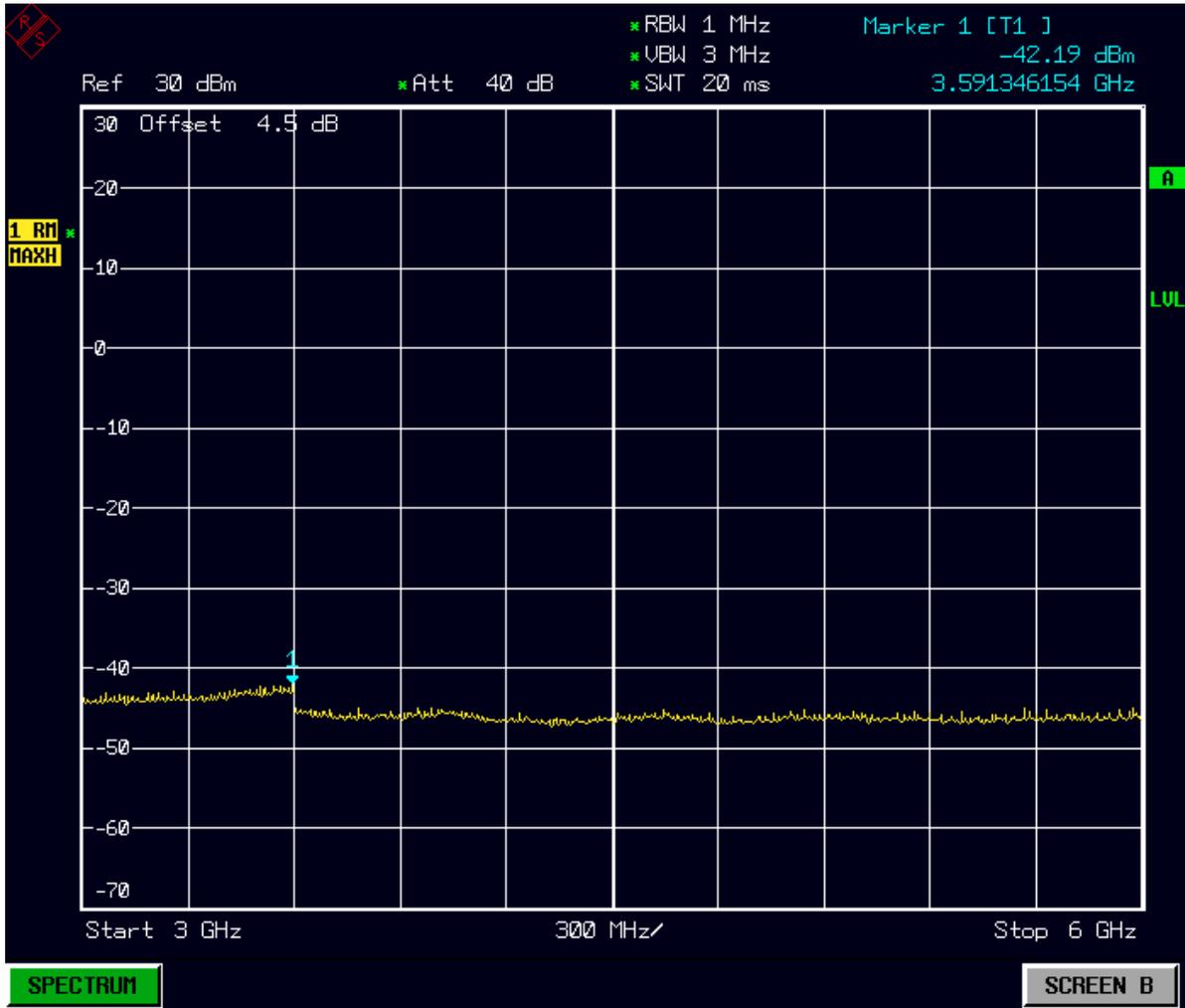


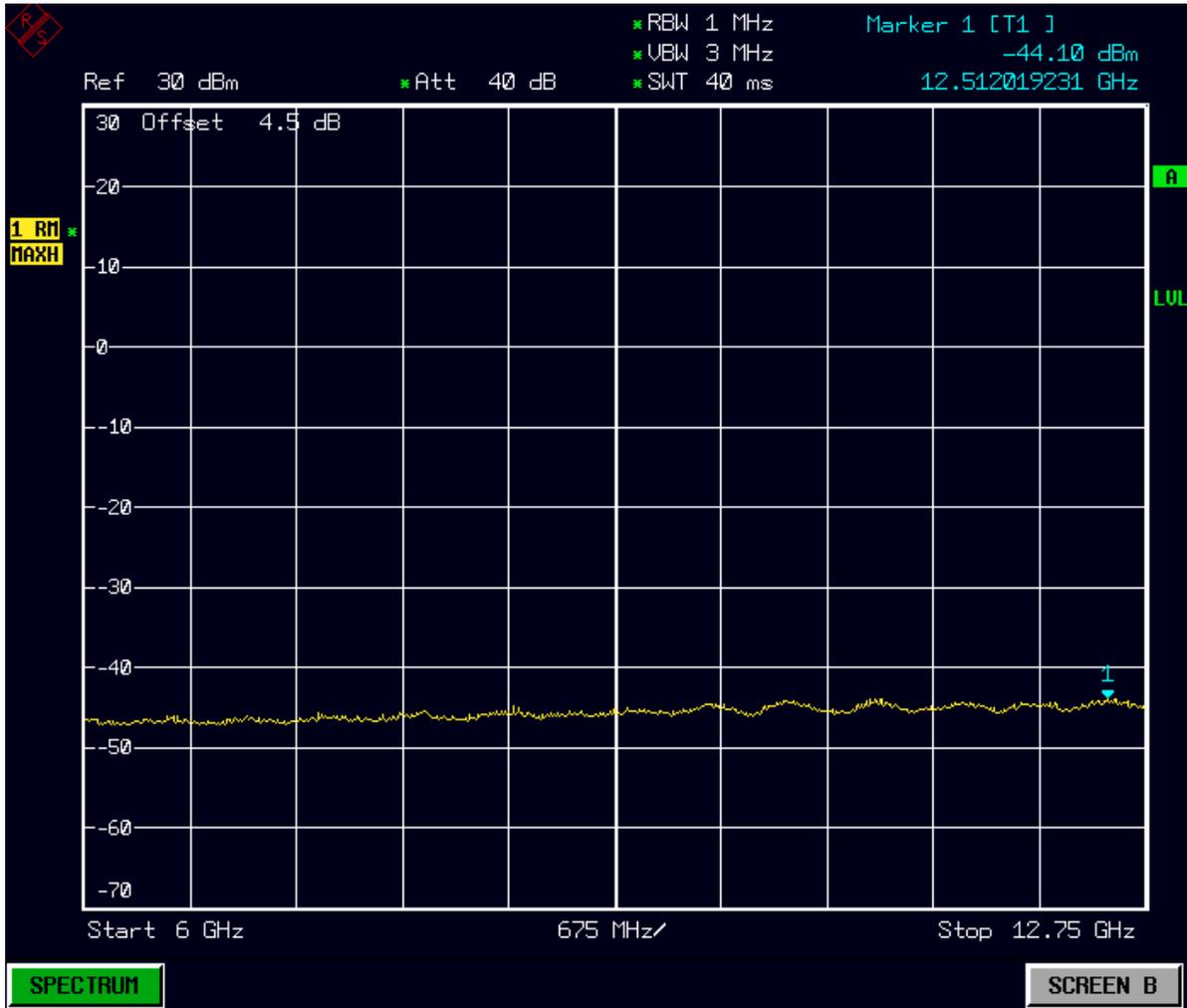










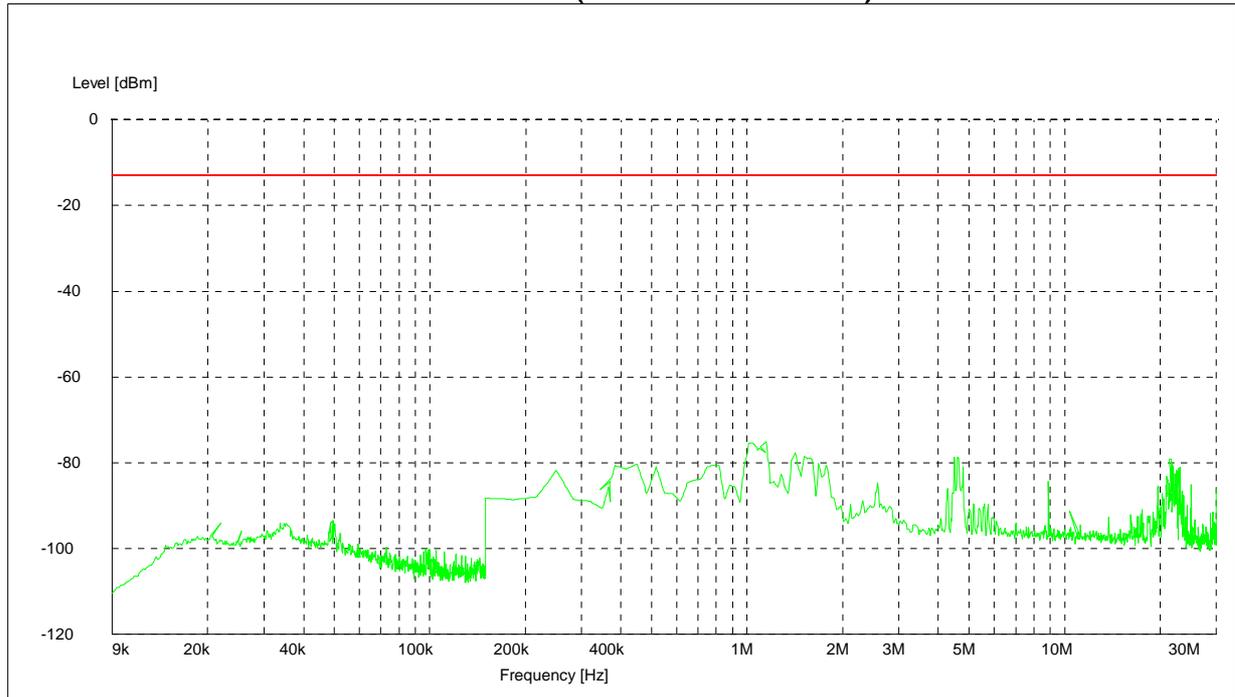


Appendix E

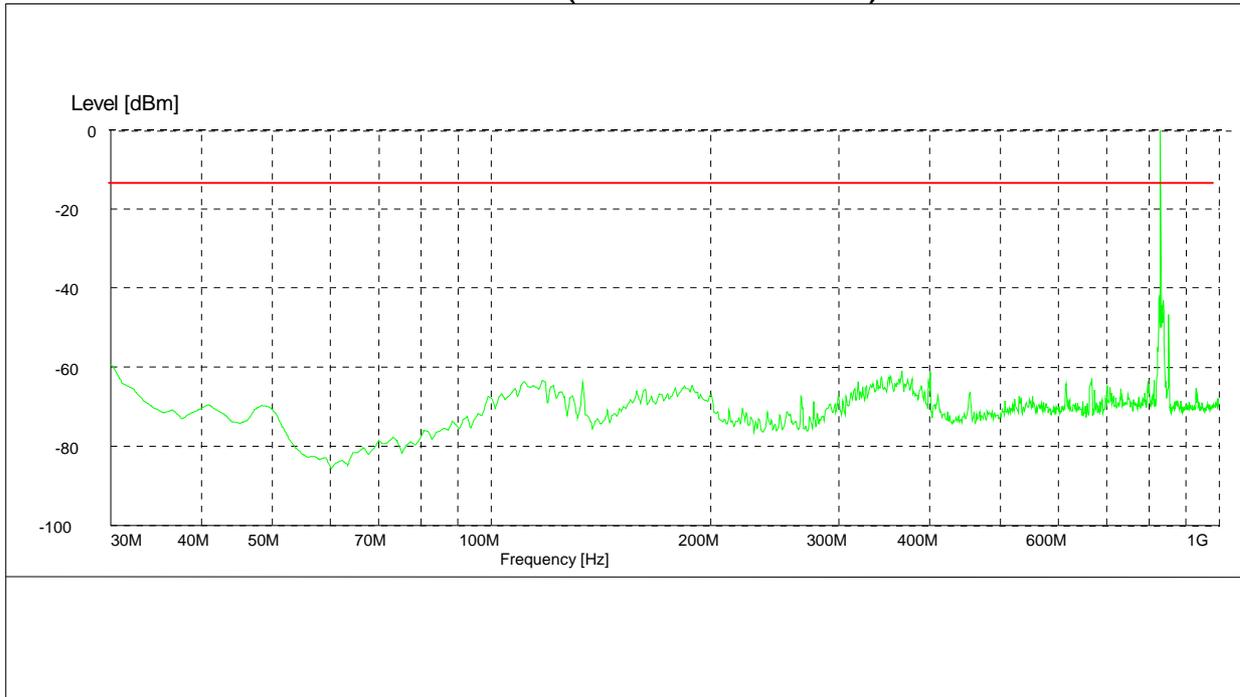
Field Strength of Spurious Radiation

According to CFR 47 (FCC) part 2.1053 & 22.917(e)

TRA Mode (9kHz-30MHz)



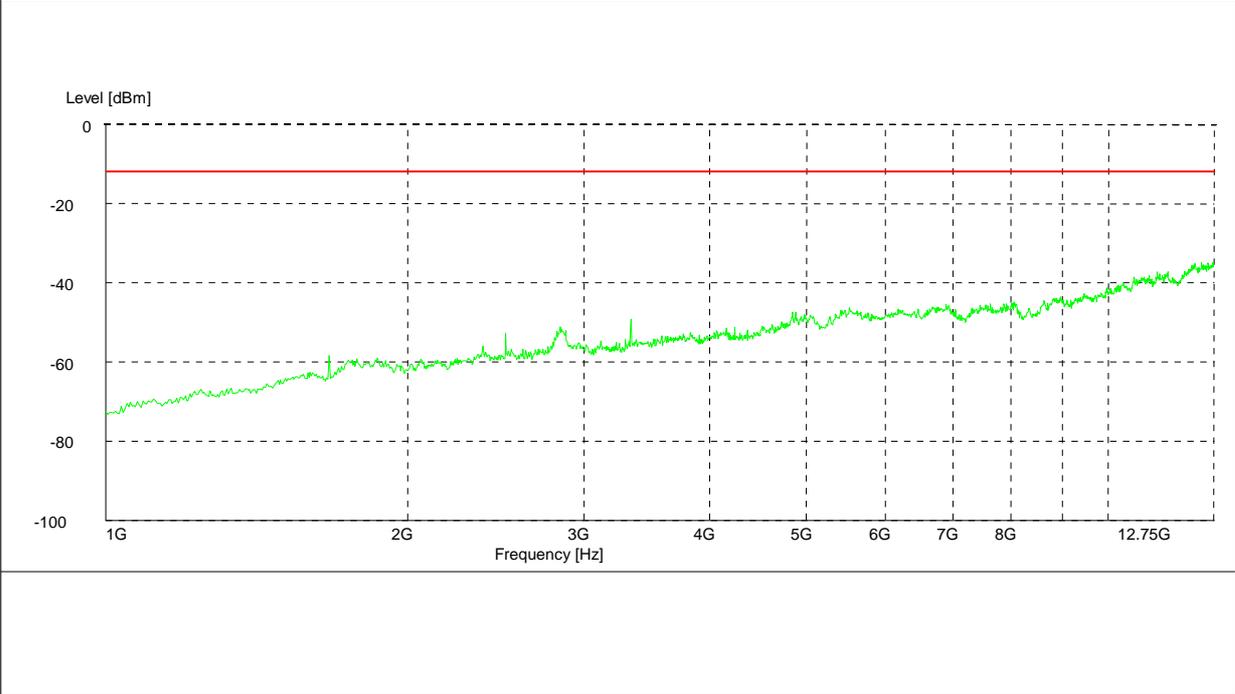
TRA Mode (30MHz-1GHz)



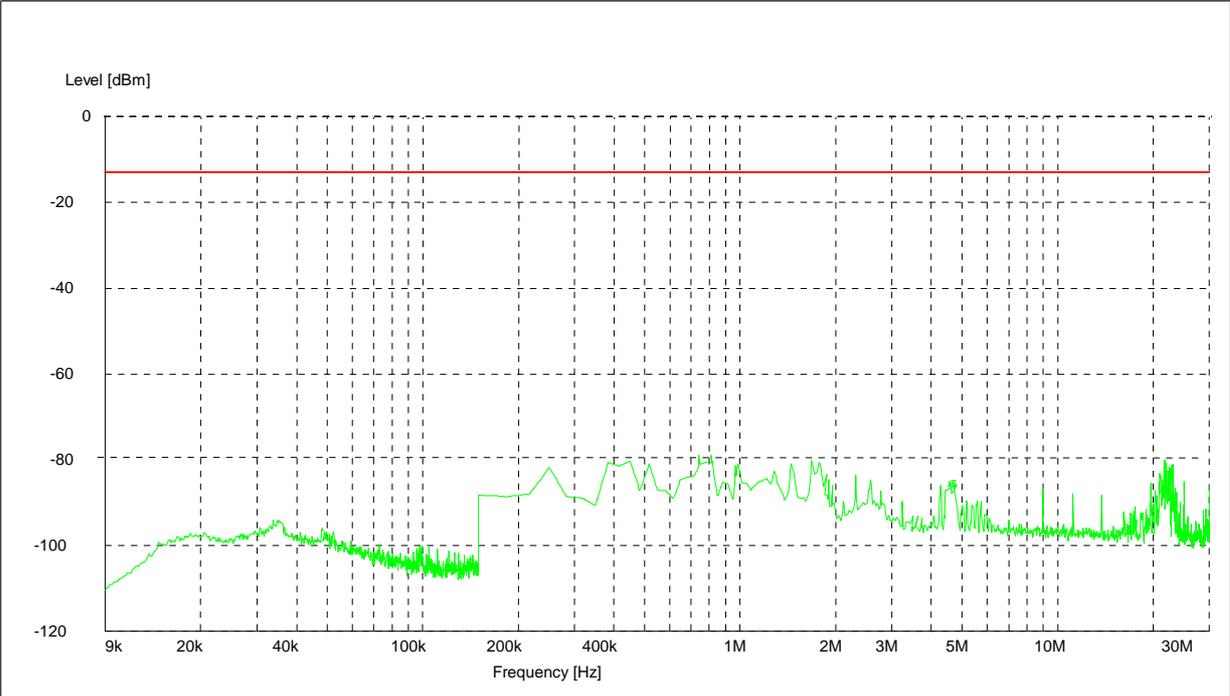
Note: The frequency which exceeded the limit was the carrier frequency.



TRA Mode (1GHz-12.75GHz)

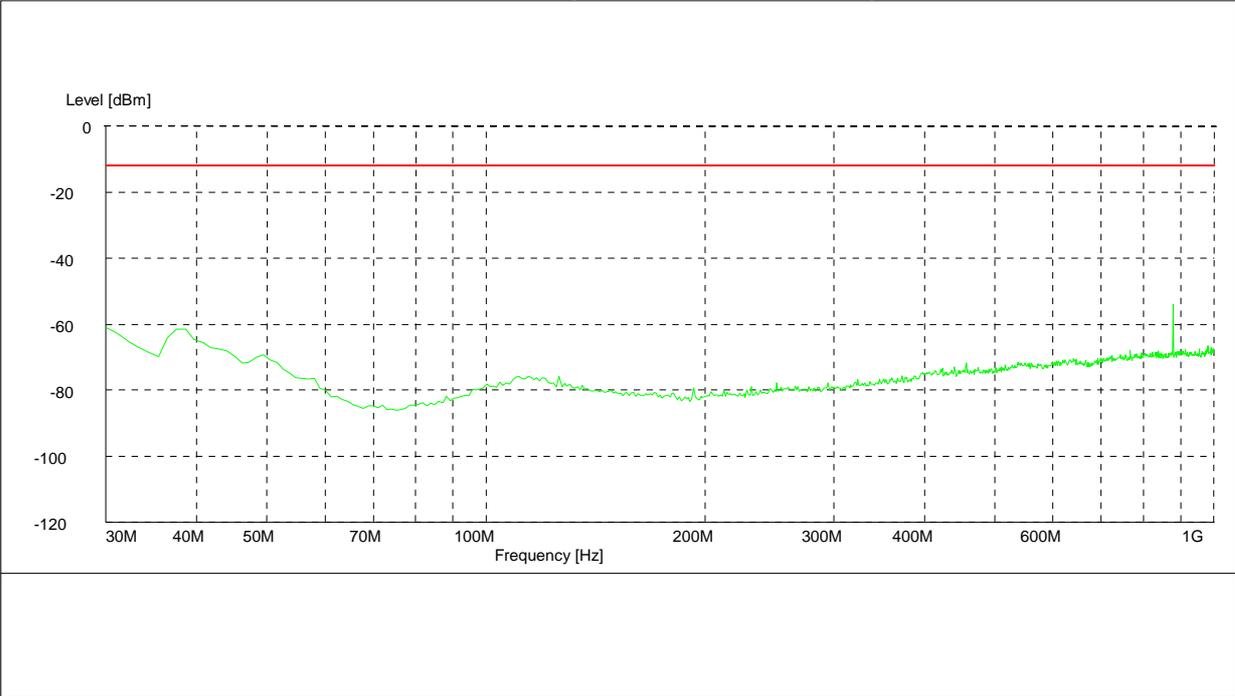


IDLE Mode (9 kHz-30MHz)

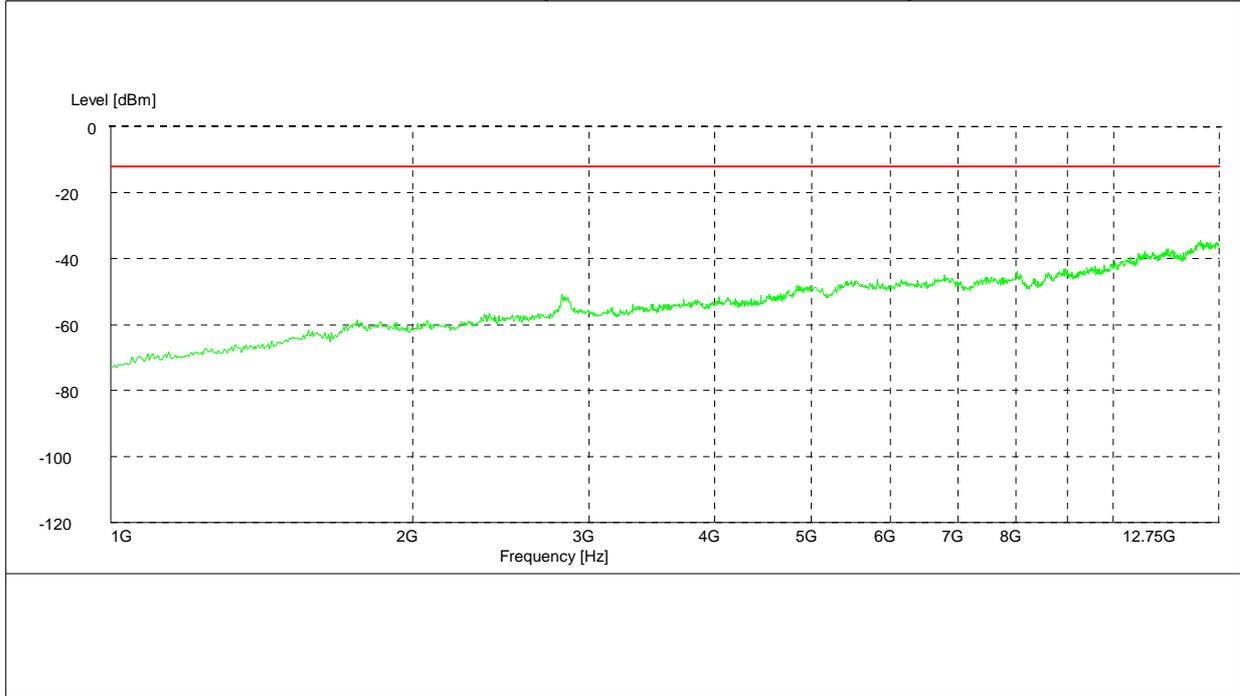




IDLE Mode (30MHz-1GHz)



IDLE Mode (1GHz-12.75GHz)



Appendix F

Frequency Stability Measurements.

According to CFR 47 (FCC) part 2.1055 & 22.355

Frequency Stability versus Voltage

Voltage: 3.3V, Channel: 1013, Radio Configuration: RC 1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power			
	0.9919		2.6 Hz				-75.00			
		Time Error:		0.05 us		dBm/1.23 MHz				
		Carrier Feedthrough:		-39.78 dBc		Cell Band				
		Phase Error:		3.45 °		US Cellular				
		Magnitude Error:		6.85 %		Channel				
								1013		
								Protocol Rev		
								6 (IS-2000-0)		
								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
		Active Cell				Sys Type: IS-2000				
		Connected								
1 of 2				IntRef	Offset			1 of 4		

Voltage: 3.3V, Channel: 1013, Radio Configuration: RC 3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power		
		0.9923		0.4 Hz			-101.00		
		Time Error:		0.40 us			dBm/1.23 MHz		
Numeric Rho		Carrier Feedthrough:		-41.44 dBc			Cell Band		
		Phase Error:		3.75 °			US Cellular		
		Magnitude Error:		5.88 %			Channel		
Code Domain Power		EVM:		8.79 %			1013		
				Continuous			Protocol Rev		
							6 (IS-2000-0)		
Code Domain Power + Noise							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
							Active Cell Connected		
							Sys Type: IS-2000		
1 of 2				IntRef	Offset				1 of 4

Voltage: 3.3V, Channel: 283, Radio Configuration: RC 1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9901		2.0 Hz			-75.00			
	Time Error:		0.15 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-39.67 dBc			Cell Band			
	Phase Error:		3.40 °			US Cellular			
	Magnitude Error:		8.18 %			Channel			
			Continuous			283			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4

Voltage: 3.3V, Channel: 777, Radio Configuration: RC 1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9929		-0.7 Hz			-75.00			
	Time Error:		0.11 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-39.94 dBc			Cell Band			
	Phase Error:		3.34 °			US Cellular			
	Magnitude Error:		6.29 %			Channel			
			Continuous			777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4



Voltage: 3.3V, Channel: 777, Radio Configuration: RC 3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Parm	
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power	
		0.9913		1.7 Hz				-101.00	
		Time Error: 0.30 us		Carrier Feedthrough: -41.57 dBc				dBm/1.23 MHz	
Numeric Rho		Phase Error: 3.91 °		Magnitude Error: 6.40 %				Cell Band	
		EVM: 9.36 %		Continuous				US Cellular	
Code Domain Power		Channel							
		777							
Code Domain Power + Noise		Protocol Rev							
		6 (IS-2000-0)							
		Radio Config							
		(Fud3, Rvs3)							
		S055 (Loopback)							
		FCH Service Option Setup ▾							
		Active Cell Connected				Sys Type: IS-2000			
1 of 2				IntRef	Offset				1 of 4

Voltage: 3.7V, Channel: 1013, Radio Configuration: RC 1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9929		3.0 Hz			-75.00				
	Time Error:		0.20 us			dBm/1.23 MHz				
	Carrier Feedthrough:		-42.61 dBc			Cell Band				
	Phase Error:		3.32 °			US Cellular				
	Magnitude Error:		6.30 %			Channel				
			Continuous			1013				
						Protocol Rev				
						6 (IS-2000-0)				
						Radio Config				
					(Fud1, Rvs1)					
					S02 (Loopback)					
					FCH Service Option Setup ▾					
		Active Cell Connected			Sys Type: IS-2000					
1 of 2					IntRef			Offset		
								1 of 4		

Voltage: 3.7V, Channel: 1013, Radio Configuration: RC 3/3

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power			
		0.9923		0.5 Hz			-101.00			
		Time Error: 0.35 us		Carrier Feedthrough: -42.94 dBc			dBm/1.23 MHz			
Numeric Rho		Phase Error: 3.67 °		Magnitude Error: 6.08 %			Cell Band			
		EVM: 8.82 %		Continuous			US Cellular			
Code Domain Power										Channel
										1013
Code Domain Power + Noise										Protocol Rev
										6 (IS-2000-0)
										Radio Config
										(Fud3, Rvs3)
										S055 (Loopback)
										FCH Service Option Setup ▾
		Active Cell Connected				Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4	

Voltage: 3.7V, Channel: 283, Radio Configuration: RC 1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9919		3.2 Hz			-75.00			
		Time Error:		0.09 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-42.93 dBc		Cell Band			
		Phase Error:		3.67 °		US Cellular			
		Magnitude Error:		6.49 %		Channel			
						283			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
		Active Cell			Sys Type: IS-2000				
		Connected							
1 of 2				IntRef	Offset				1 of 4

Voltage: 3.7V, Channel: 283, Radio Configuration: RC 3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho 0.9936		Frequency Error 3.2 Hz				Cell Power -101.00 dBm/1.23 MHz	
Numeric Rho		Time Error: 0.48 us		Carrier Feedthrough: -41.78 dBc				Cell Band US Cellular	
Code Domain Power		Phase Error: 3.52 °		Magnitude Error: 5.18 %				Channel 283	
Code Domain Power + Noise		EVM: 8.02 %		Continuous				Protocol Rev 6 (IS-2000-0)	
		Active Cell Connected			Sys Type: IS-2000			Radio Config (Fud3, Rvs3) S055 (Loopback)	
1 of 2			IntRef	Offset				FCH Service Option Setup ▾	
									1 of 4

Voltage: 3.7V, Channel: 777, Radio Configuration: RC 1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9898		4.5 Hz			-75.00			
		Time Error:		0.27 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-40.48 dBc		Cell Band			
		Phase Error:		3.58 °		US Cellular			
		Magnitude Error:		8.14 %		Channel			
						777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
		Active Cell			Sys Type: IS-2000				
		Connected							
1 of 2			IntRef	Offset				1 of 4	

Voltage: 3.7V, Channel: 777, Radio Configuration: RC 3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho 0.9920		Frequency Error 4.3 Hz				Cell Power -101.00 dBm/1.23 MHz	
Numeric Rho		Time Error: 0.46 us		Carrier Feedthrough: -42.75 dBc				Cell Band US Cellular	
Code Domain Power		Phase Error: 3.98 °		Magnitude Error: 5.70 %				Channel 777	
Code Domain Power + Noise		EVM: 8.99 %		Continuous				Protocol Rev 6 (IS-2000-0)	
								Radio Config (Fud3, Rvs3) S055 (Loopback)	
								FCH Service Option Setup ▾	
				Active Cell Connected				Sys Type: IS-2000	
1 of 2				IntRef	Offset				1 of 4

Voltage: 4.2V, Channel: 1013, Radio Configuration: RC 1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9903		3.0 Hz			-75.00			
	Time Error:		0.22 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-42.51 dBc			Cell Band			
	Phase Error:		3.20 °			US Cellular			
	Magnitude Error:		8.23 %			Channel			
			Continuous			1013			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2					IntRef	Offset			1 of 4

Voltage: 4.2V, Channel: 283, Radio Configuration: RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9924		-1.2 Hz			-75.00				
	Time Error:		0.16 us			dBm/1.23 MHz				
	Carrier Feedthrough:		-42.21 dBc			Cell Band				
	Phase Error:		2.90 °			US Cellular				
	Magnitude Error:		7.18 %			Channel				
						283				
						Protocol Rev				
						6 (IS-2000-0)				
						Radio Config				
					(Fud1, Rvs1)					
					S02 (Loopback)					
					FCH Service Option Setup ▾					
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset			1 of 4		

Voltage: 4.2V, Channel: 283, Radio Configuration: RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power		
		0.9939		4.2 Hz			-101.00		
		Time Error:		0.35 us			dBm/1.23 MHz		
Numeric Rho		Carrier Feedthrough:		-40.91 dBc			Cell Band		
		Phase Error:		3.57 °			US Cellular		
		Magnitude Error:		4.79 %			Channel		
Code Domain Power		EVM:		7.85 %			283		
				Continuous			Protocol Rev		
							6 (IS-2000-0)		
Code Domain Power + Noise							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
							Active Cell Connected		
							Sys Type: IS-2000		
1 of 2				IntRef	Offset				1 of 4

Voltage: 4.2V, Channel: 777, Radio Configuration: RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9908		4.5 Hz			-75.00			
	Time Error:		0.14 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-40.35 dBc			Cell Band			
	Phase Error:		3.67 °			US Cellular			
	Magnitude Error:		7.27 %			Channel			
			Continuous			777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2					IntRef	Offset			1 of 4

Voltage: 4.2V, Channel: 777, Radio Configuration: RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power		
		0.9921		2.8 Hz			-101.00		
		Time Error:		0.32 us			dBm/1.23 MHz		
Numeric Rho		Carrier Feedthrough:		-42.05 dBc			Cell Band		
		Phase Error:		4.05 °			US Cellular		
		Magnitude Error:		5.44 %			Channel		
Code Domain Power		EVM:		8.91 %			777		
				Continuous			Protocol Rev		
Code Domain Power + Noise							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
							Active Cell Connected		
							Sys Type: IS-2000		
1 of 2				IntRef	Offset				1 of 4

Frequency Stability versus Temperature

Temperature: 50°C, Channel: 1013, Radio Configuration: RC1/1

Measurement/Instrument Screen												
Control		Waveform Quality: Numeric Rho						Call Params				
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power					
	0.9937		2.5 Hz				-75.00					
		Time Error:		0.22 us		dBm/1.23 MHz						
		Carrier Feedthrough:		-39.38 dBc		Cell Band						
		Phase Error:		3.12 °		US Cellular						
		Magnitude Error:		5.95 %		Channel						
								1013				
								Protocol Rev				
								6 (IS-2000-0)				
								Radio Config				
								(Fud1, Rvs1)				
								S02 (Loopback)				
								FCH Service Option Setup ▾				
		Active Cell Connected				Sys Type: IS-2000						
1 of 2				IntRef		Offset				1 of 4		

Temperature: 50°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾	Rho		0.9928		Frequency Error		3.8 Hz		
	Time Error:		0.14 us		Carrier Feedthrough:		-38.25 dBc		
	Phase Error:		3.20 °		Magnitude Error:		6.52 %		
							Continuous		
							Cell Power		
							-75.00		
							dBm/1.23 MHz		
							Cell Band		
							US Cellular		
							Channel		
						283			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
						Active Cell Connected			
						Sys Type: IS-2000			
1 of 2					IntRef	Offset			
						1 of 4			

Temperature: 50°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parms			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9930		-3.9 Hz			-75.00				
		Time Error:		0.34 us		dBm/1.23 MHz				
		Carrier Feedthrough:		-42.81 dBc		Cell Band				
		Phase Error:		3.62 °		US Cellular				
		Magnitude Error:		5.79 %		Channel				
							777			
							Protocol Rev			
							6 (IS-2000-0)			
							Radio Config			
							(Fud1, Rus1)			
							S02 (Loopback)			
							FCH Service Option Setup ▾			
		Active Cell			Sys Type: IS-2000					
		Connected								
1 of 2				IntRef	Offset				1 of 4	

Temperature: 50°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power	
		0.9915		-0.1 Hz				-101.00	
		Time Error:		0.32 us				dBm/1.23 MHz	
Numeric Rho		Carrier Feedthrough:		-41.88 dBc				Cell Band	
		Phase Error:		3.99 °				US Cellular	
		Magnitude Error:		6.13 %				Channel	
Code Domain Power		EVM:		9.25 %				777	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell			Sys Type: IS-2000				
		Connected							
1 of 2			IntRef	Offset				1 of 4	

Temperature: 40°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾	▾	Rho		Frequency Error				Cell Power	
		0.9908		3.9 Hz				-75.00	
		Time Error:		0.29 us				dBm/1.23 MHz	
		Carrier Feedthrough:		-38.38 dBc				Cell Band	
		Phase Error:		3.28 °				US Cellular	
		Magnitude Error:		7.84 %				Channel	
				Continuous				1013	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud1, Rvs1)	
								S02 (Loopback)	
								FCH Service Option Setup ▾	
				Active Cell Connected				Sys Type: IS-2000	
1 of 2				IntRef	Offset				1 of 4

Temperature: 40°C, Channel: 1013, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power	
		0.9922		4.7 Hz				-101.00	
		Time Error:		0.46 us				dBm/1.23 MHz	
Numeric Rho		Carrier Feedthrough:		-41.04 dBc				Cell Band	
		Phase Error:		3.79 °				US Cellular	
		Magnitude Error:		5.93 %				Channel	
Code Domain Power		EVM:		8.87 %				1013	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell Connected				Sys Type: IS-2000			
1 of 2				IntRef	Offset				1 of 4

Temperature: 40°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾	Rho		0.9913			Frequency Error		-0.6 Hz		
	Time Error:		0.20 us			Carrier Feedthrough:		-37.07 dBc		
	Phase Error:		3.19 °			Magnitude Error:		7.65 %		
								Continuous		
								Cell Power		
								-75.00		
								dBm/1.23 MHz		
								Cell Band		
								US Cellular		
								Channel		
							283			
							Protocol Rev			
							6 (IS-2000-0)			
							Radio Config			
							(Fud1, Rvs1)			
							S02 (Loopback)			
							FCH Service Option Setup ▾			
							Active Cell Connected			
							Sys Type: IS-2000			
1 of 2					IntRef	Offset				1 of 4

Temperature: 40°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power			
	0.9903		3.2 Hz				-75.00			
		Time Error:		0.18 us		dBm/1.23 MHz				
		Carrier Feedthrough:		-42.15 dBc		Cell Band				
		Phase Error:		3.54 °		US Cellular				
		Magnitude Error:		7.87 %		Channel				
								777		
								Protocol Rev		
								6 (IS-2000-0)		
								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
		Active Cell Connected				Sys Type: IS-2000				
1 of 2				IntRef		Offset		1 of 4		

Temperature: 40°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power	
		0.9917		3.6 Hz				-101.00	
		Time Error:		0.37 us				dBm/1.23 MHz	
Numeric Rho		Carrier Feedthrough:		-42.68 dBc				Cell Band	
		Phase Error:		3.90 °				US Cellular	
		Magnitude Error:		6.14 %				Channel	
Code Domain Power		EVM:		9.17 %				777	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell			Sys Type: IS-2000				
		Connected							
1 of 2			IntRef	Offset				1 of 4	

Temperature: 30°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾	Rho		0.9920			Frequency Error		4.0 Hz		
	Time Error:		0.27 us			Carrier Feedthrough:		-39.05 dBc		
	Phase Error:		3.15 °			Magnitude Error:		7.16 %		
								Continuous		
								Cell Power		
								-75.00		
								dBm/1.23 MHz		
								Cell Band		
								US Cellular		
								Channel		
							1013			
							Protocol Rev			
							6 (IS-2000-0)			
							Radio Config			
							(Fud1, Rvs1)			
							S02 (Loopback)			
							FCH Service Option Setup ▾			
							Active Cell Connected			
							Sys Type: IS-2000			
1 of 2					IntRef	Offset			1 of 4	

Temperature: 30°C, Channel: 1013, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power			
		0.9896		4.5 Hz			-101.00			
		Time Error: 0.46 us					dBm/1.23 MHz			
Numeric Rho		Carrier Feedthrough: -39.13 dBc					Cell Band			
		Phase Error: 3.77 °					US Cellular			
		Magnitude Error: 7.89 %					Channel			
Code Domain Power		EVM: 10.26 %		Continuous			1013			
							Protocol Rev			
Code Domain Power + Noise							6 (IS-2000-0)			
							Radio Config			
							(Fud3, Rvs3)			
							S055 (Loopback)			
							FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset					1 of 4

Temperature: 30°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9917		2.2 Hz			-75.00			
		Time Error:		0.20 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-38.28 dBc		Cell Band			
		Phase Error:		3.37 °		US Cellular			
		Magnitude Error:		7.06 %		Channel			
						283			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
						Active Cell			
						Connected			
						Sys Type: IS-2000			
1 of 2				IntRef		Offset		1 of 4	

Temperature: 30°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control	Waveform Quality: Numeric Rho						Call Params			
Waveform Quality Setup ▾	Rho 0.9931		Frequency Error -1.5 Hz				Cell Power	-101.00		
Numeric Rho	Time Error: 0.39 us		Carrier Feedthrough: -41.60 dBc				dBm/1.23 MHz	Cell Band		
Code Domain Power	Phase Error: 3.32 °		Magnitude Error: 5.98 %				US Cellular	Channel		
Code Domain Power + Noise	EVM: 8.32 %		Continuous				283	Protocol Rev		
							6 (IS-2000-0)	Radio Config		
							(Fud3, Rvs3)	S055 (Loopback)		
							FCH Service Option Setup ▾			
							Active Cell Connected	Sys Type: IS-2000		
1 of 2				IntRef	Offset					1 of 4

Temperature: 20°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power			
	0.9910		-3.2 Hz				-75.00			
		Time Error:		0.17 us		dBm/1.23 MHz				
		Carrier Feedthrough:		-38.02 dBc		Cell Band				
		Phase Error:		3.49 °		US Cellular				
		Magnitude Error:		7.42 %		Channel				
								1013		
								Protocol Rev		
								6 (IS-2000-0)		
								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
		Active Cell Connected				Sys Type: IS-2000				
1 of 2				IntRef	Offset			1 of 4		

Temperature: 20°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾	Rho		0.9908			Frequency Error		2.6 Hz		
	Time Error:		0.13 us			Carrier Feedthrough:		-40.56 dBc		
	Phase Error:		3.84 °			Magnitude Error:		7.09 %		
								Continuous		
								Cell Power		
								-75.00		
								dBm/1.23 MHz		
								Cell Band		
								US Cellular		
								Channel		
							283			
							Protocol Rev			
							6 (IS-2000-0)			
							Radio Config			
							(Fud1, Rvs1)			
							S02 (Loopback)			
							FCH Service Option Setup ▾			
							Active Cell Connected			
							Sys Type: IS-2000			
1 of 2					IntRef	Offset				1 of 4

Temperature: 20°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9908		5.0 Hz				-101.00		
	Time Error: 0.53 us		Carrier Feedthrough: -40.80 dBc				dBm/1.23 MHz		
Numeric Rho	Phase Error: 4.06 °		Magnitude Error: 6.56 %				Cell Band		
	EVM: 9.65 %		Continuous				US Cellular		
Code Domain Power							Channel		
							283		
Code Domain Power + Noise							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
			Active Cell Connected			Sys Type: IS-2000			
1 of 2				IntRef	Offset				1 of 4

Temperature: 20°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9900		0.5 Hz			-75.00			
		Time Error:		0.32 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-41.12 dBc		Cell Band			
		Phase Error:		3.64 °		US Cellular			
		Magnitude Error:		7.85 %		Channel			
						777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
						Active Cell			
						Connected			
						Sys Type: IS-2000			
1 of 2				IntRef		Offset		1 of 4	

Temperature: 20°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen																	
Control		Waveform Quality: Numeric Rho						Call Params									
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power									
		0.9935		-3.9 Hz				-101.00									
		Time Error:		0.31 us				dBm/1.23 MHz									
Numeric Rho		Carrier Feedthrough:		-39.83 dBc				Cell Band									
		Phase Error:		3.82 °				US Cellular									
		Magnitude Error:		4.59 %				Channel									
Code Domain Power		EVM:		8.08 %				777									
		Continuous															
Code Domain Power + Noise										Protocol Rev		6 (IS-2000-0)					
										Radio Config		(Fud3, Rvs3)					
												S055 (Loopback)					
				FCH Service Option Setup ▾													
		Active Cell Connected			Sys Type: IS-2000												
1 of 2				IntRef	Offset				1 of 4								

Temperature: 10°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾	▾	Rho		Frequency Error				Cell Power	
		0.9896		-3.7 Hz				-75.00	
		Time Error:		0.16 us				dBm/1.23 MHz	
		Carrier Feedthrough:		-37.56 dBc				Cell Band	
		Phase Error:		3.47 °				US Cellular	
		Magnitude Error:		8.39 %				Channel	
								1013	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud1, Rvs1)	
								S02 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell Connected				Sys Type: IS-2000			
1 of 2				IntRef	Offset				1 of 4

Temperature: 10°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9909		1.9 Hz				-75.00		
	Time Error:		0.10 us				dBm/1.23 MHz		
	Carrier Feedthrough:		-38.08 dBc				Cell Band		
	Phase Error:		4.00 °				US Cellular		
	Magnitude Error:		6.75 %				Channel		
							283		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4

Temperature: 10°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9936		-0.5 Hz				-101.00		
	Time Error:		0.46 us				dBm/1.23 MHz		
Numeric Rho	Carrier Feedthrough:		-40.42 dBc				Cell Band		
	Phase Error:		3.77 °				US Cellular		
	Magnitude Error:		4.56 %				Channel		
Code Domain Power	EVM:		8.00 %				777		
							Protocol Rev		
Code Domain Power + Noise							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
	Active Cell Connected				Sys Type: IS-2000				
1 of 2			IntRef	Offset					1 of 4

Temperature: 10°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9900		0.1 Hz			-75.00			
		Time Error:		0.07 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-39.34 dBc		Cell Band			
		Phase Error:		3.64 °		US Cellular			
		Magnitude Error:		7.89 %		Channel			
						777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
						Active Cell			
						Connected			
						Sys Type: IS-2000			
1 of 2				IntRef		Offset		1 of 4	

Temperature: 10°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen																	
Control		Waveform Quality: Numeric Rho						Call Params									
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power									
		0.9936		-0.5 Hz				-101.00									
		Time Error:		0.46 us				dBm/1.23 MHz									
Numeric Rho		Carrier Feedthrough:		-40.42 dBc				Cell Band									
		Phase Error:		3.77 °				US Cellular									
		Magnitude Error:		4.56 %				Channel									
Code Domain Power		EVM:		8.00 %				777									
		Continuous															
Code Domain Power + Noise										Protocol Rev		6 (IS-2000-0)					
										Radio Config		(Fud3, Rvs3)					
										S055 (Loopback)							
		FCH Service Option Setup ▾															
		Active Cell Connected				Sys Type: IS-2000											
1 of 2				IntRef	Offset				1 of 4								

Temperature: 0°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9918		2.9 Hz				-75.00		
	Time Error:		0.16 us				dBm/1.23 MHz		
	Carrier Feedthrough:		-41.27 dBc				Cell Band		
	Phase Error:		3.46 °				US Cellular		
	Magnitude Error:		6.89 %				Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000				
1 of 2			IntRef	Offset				1 of 4	

Temperature: 0°C, Channel: 1013, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9943		2.9 Hz				-101.00		
Numeric Rho	Time Error: 0.54 us		Carrier Feedthrough: -39.31 dBc				dBm/1.23 MHz		
	Phase Error: 3.51 °		Magnitude Error: 4.49 %				Cell Band		
Code Domain Power	EVM: 7.58 %		Continuous				US Cellular		
							Channel		
Code Domain Power + Noise							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
	Active Cell Connected			Sys Type: IS-2000					
1 of 2			IntRef	Offset					1 of 4

Temperature: 0°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power			
	0.9903		0.7 Hz				-75.00			
		Time Error:		0.09 us		dBm/1.23 MHz				
		Carrier Feedthrough:		-38.49 dBc		Cell Band				
		Phase Error:		3.32 °		US Cellular				
		Magnitude Error:		8.17 %		Channel				
								283		
								Protocol Rev		
								6 (IS-2000-0)		
								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
		Active Cell				Sys Type: IS-2000				
		Connected								
1 of 2				IntRef	Offset				1 of 4	

Temperature: 0°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Parm	
Waveform Quality Setup ▾		Rho		Frequency Error				Cell Power	
		0.9936		5.9 Hz				-101.00	
		Time Error:		0.48 us				dBm/1.23 MHz	
Numeric Rho		Carrier Feedthrough:		-39.39 dBc				Cell Band	
		Phase Error:		3.60 °				US Cellular	
		Magnitude Error:		5.05 %				Channel	
Code Domain Power		EVM:		8.04 %				283	
				Continuous				Protocol Rev	
								6 (IS-2000-0)	
Code Domain Power + Noise								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
1 of 2				Active Cell Connected				Sys Type: IS-2000	
				IntRef Offset					
								1 of 4	

Temperature: 0°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power			
		0.9924		5.3 Hz			-101.00			
		Time Error: 0.40 us					dBm/1.23 MHz			
Numeric Rho		Carrier Feedthrough: -41.14 dBc					Cell Band			
		Phase Error: 3.85 °					US Cellular			
		Magnitude Error: 5.64 %					Channel			
Code Domain Power		EVM: 8.75 %		Continuous			777			
							Protocol Rev			
Code Domain Power + Noise							6 (IS-2000-0)			
							Radio Config			
							(Fud3, Rvs3)			
							S055 (Loopback)			
							FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset				1 of 4	

Temperature: -10°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9905		8.1 Hz				-75.00		
	Time Error:		0.19 us				dBm/1.23 MHz		
	Carrier Feedthrough:		-37.89 dBc				Cell Band		
	Phase Error:		2.98 °				US Cellular		
	Magnitude Error:		8.32 %				Channel		
							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4

Temperature: -10°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9914		5.8 Hz			-75.00			
		Time Error:		0.11 us		dBm/1.23 MHz			
		Carrier Feedthrough:		-36.70 dBc		Cell Band			
		Phase Error:		3.22 °		US Cellular			
		Magnitude Error:		7.43 %		Channel			
						283			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
						FCH Service Option Setup ▾			
						Active Cell			
						Connected			
						Sys Type: IS-2000			
1 of 2				IntRef		Offset		1 of 4	

Temperature: -10°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control	Waveform Quality: Numeric Rho						Call Params			
Waveform Quality Setup ▾	Rho 0.9945		Frequency Error 0.7 Hz				Cell Power	-101.00		
Numeric Rho	Time Error: 0.28 us		Carrier Feedthrough: -39.33 dBc				dBm/1.23 MHz	Cell Band		
Code Domain Power	Phase Error: 2.93 °		Magnitude Error: 5.42 %				US Cellular	Channel		
Code Domain Power + Noise	EVM: 7.44 %		Continuous				283	Protocol Rev		
							6 (IS-2000-0)	Radio Config		
							(Fud3, Rvs3)	S055 (Loopback)		
							FCH Service Option Setup ▾			
			Active Cell Connected				Sys Type: IS-2000			
1 of 2				IntRef	Offset					1 of 4

Temperature: -10°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power			
		0.9915		0.6 Hz			-101.00			
		Time Error: 0.47 us					dBm/1.23 MHz			
Numeric Rho		Carrier Feedthrough: -41.58 dBc					Cell Band			
		Phase Error: 4.10 °					US Cellular			
		Magnitude Error: 5.86 %					Channel			
Code Domain Power		EVM: 9.25 %		Continuous			777			
							Protocol Rev			
Code Domain Power + Noise							6 (IS-2000-0)			
							Radio Config			
							(Fud3, Rvs3)			
							S055 (Loopback)			
							FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset				1 of 4	

Temperature: -20°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9900		7.3 Hz			-75.00				
	Time Error:		0.20 us			dBm/1.23 MHz				
	Carrier Feedthrough:		-38.11 dBc			Cell Band				
	Phase Error:		3.27 °			US Cellular				
	Magnitude Error:		8.28 %			Channel				
			Continuous			1013				
						Protocol Rev				
						6 (IS-2000-0)				
						Radio Config				
					(Fud1, Rvs1)					
					S02 (Loopback)					
					FCH Service Option Setup ▾					
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset			1 of 4		

Temperature: -20°C, Channel: 1013, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho 0.9924		Frequency Error 4.1 Hz				Cell Power		
	Time Error: 0.55 us		Carrier Feedthrough: -39.83 dBc				-101.00		
Numeric Rho	Phase Error: 3.51 °		Magnitude Error: 6.30 %				dBm/1.23 MHz		
	EVM: 8.77 %		Continuous				Cell Band		
Code Domain Power							US Cellular		
							Channel		
Code Domain Power + Noise							1013		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
			Active Cell Connected			Sys Type: IS-2000			
1 of 2				IntRef	Offset				1 of 4

Temperature: -20°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9897		4.1 Hz			-75.00				
	Time Error:		0.06 us			dBm/1.23 MHz				
	Carrier Feedthrough:		-40.37 dBc			Cell Band				
	Phase Error:		3.47 °			US Cellular				
	Magnitude Error:		8.32 %			Channel				
			Continuous			283				
						Protocol Rev				
						6 (IS-2000-0)				
						Radio Config				
					(Fud1, Rvs1)					
					S02 (Loopback)					
					FCH Service Option Setup ▾					
		Active Cell Connected			Sys Type: IS-2000					
1 of 2								1 of 4		
		IntRef			Offset					

Temperature: -20°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control	Waveform Quality: Numeric Rho						Call Params			
Waveform Quality Setup ▾	Rho 0.9940		Frequency Error 0.7 Hz				Cell Power	-101.00		
Numeric Rho	Time Error: 0.45 us		Carrier Feedthrough: -39.80 dBc				Cell Band	US Cellular		
Code Domain Power	Phase Error: 3.32 °		Magnitude Error: 5.20 %				Channel	283		
Code Domain Power + Noise	EVM: 7.80 %		Continuous				Protocol Rev	6 (IS-2000-0)		
							Radio Config	(Fud3, Rvs3)		
								S055 (Loopback)		
							FCH Service Option Setup ▾			
1 of 2				IntRef	Offset					1 of 4

Temperature: -20°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9880		-3.1 Hz			-75.00			
	Time Error:		0.24 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-35.22 dBc			Cell Band			
	Phase Error:		3.72 °			US Cellular			
	Magnitude Error:		8.94 %			Channel			
			Continuous			777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4

Temperature: -20°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Params			
Waveform Quality Setup ▾		Rho		Frequency Error			Cell Power			
		0.9924		-0.5 Hz			-101.00			
		Time Error: 0.43 us					dBm/1.23 MHz			
Numeric Rho		Carrier Feedthrough: -39.98 dBc					Cell Band			
		Phase Error: 3.39 °					US Cellular			
		Magnitude Error: 6.44 %					Channel			
Code Domain Power		EVM: 8.74 %		Continuous			777			
							Protocol Rev			
Code Domain Power + Noise							6 (IS-2000-0)			
							Radio Config			
							(Fud3, Rvs3)			
							S055 (Loopback)			
							FCH Service Option Setup ▾			
		Active Cell Connected			Sys Type: IS-2000					
1 of 2				IntRef	Offset				1 of 4	

Temperature: -30°C, Channel: 1013, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9876		5.6 Hz			-75.00			
	Time Error:		-0.03 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-37.41 dBc			Cell Band			
	Phase Error:		3.24 °			US Cellular			
	Magnitude Error:		9.72 %			Channel			
			Continuous			1013			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2		IntRef			Offset			1 of 4	

Temperature: -30°C, Channel: 283, Radio Configuration :RC1/1

Measurement/Instrument Screen										
Control		Waveform Quality: Numeric Rho					Call Parm			
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power				
	0.9885		-2.0 Hz			-75.00				
	Time Error:		0.09 us			dBm/1.23 MHz				
	Carrier Feedthrough:		-36.27 dBc			Cell Band				
	Phase Error:		3.62 °			US Cellular				
	Magnitude Error:		8.86 %			Channel				
			Continuous			283				
						Protocol Rev				
						6 (IS-2000-0)				
						Radio Config				
					(Fud1, Rvs1)					
					S02 (Loopback)					
					FCH Service Option Setup ▾					
		Active Cell Connected			Sys Type: IS-2000					
1 of 2		IntRef		Offset		1 of 4				

Temperature: -30°C, Channel: 283, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho						Call Params	
Waveform Quality Setup ▾		Rho 0.9939		Frequency Error 2.6 Hz				Cell Power	
		Time Error: 0.28 us		Carrier Feedthrough: -39.27 dBc				-101.00	
Numeric Rho		Phase Error: 3.66 °		Magnitude Error: 4.56 %				dBm/1.23 MHz	
		EVM: 7.84 %		Continuous				Cell Band	
Code Domain Power								US Cellular	
								Channel	
Code Domain Power + Noise								283	
								Protocol Rev	
								6 (IS-2000-0)	
								Radio Config	
								(Fud3, Rvs3)	
								S055 (Loopback)	
								FCH Service Option Setup ▾	
1 of 2				Active Cell Connected				Sys Type: IS-2000	
				IntRef Offset					
								1 of 4	

Temperature: -30°C, Channel: 777, Radio Configuration :RC1/1

Measurement/Instrument Screen									
Control		Waveform Quality: Numeric Rho					Call Parm		
Waveform Quality Setup ▾	Rho		Frequency Error			Cell Power			
	0.9896		-0.7 Hz			-75.00			
	Time Error:		0.07 us			dBm/1.23 MHz			
	Carrier Feedthrough:		-37.77 dBc			Cell Band			
	Phase Error:		3.15 °			US Cellular			
	Magnitude Error:		8.68 %			Channel			
			Continuous			777			
						Protocol Rev			
						6 (IS-2000-0)			
						Radio Config			
					(Fud1, Rvs1)				
					S02 (Loopback)				
					FCH Service Option Setup ▾				
		Active Cell Connected			Sys Type: IS-2000				
1 of 2				IntRef	Offset				1 of 4

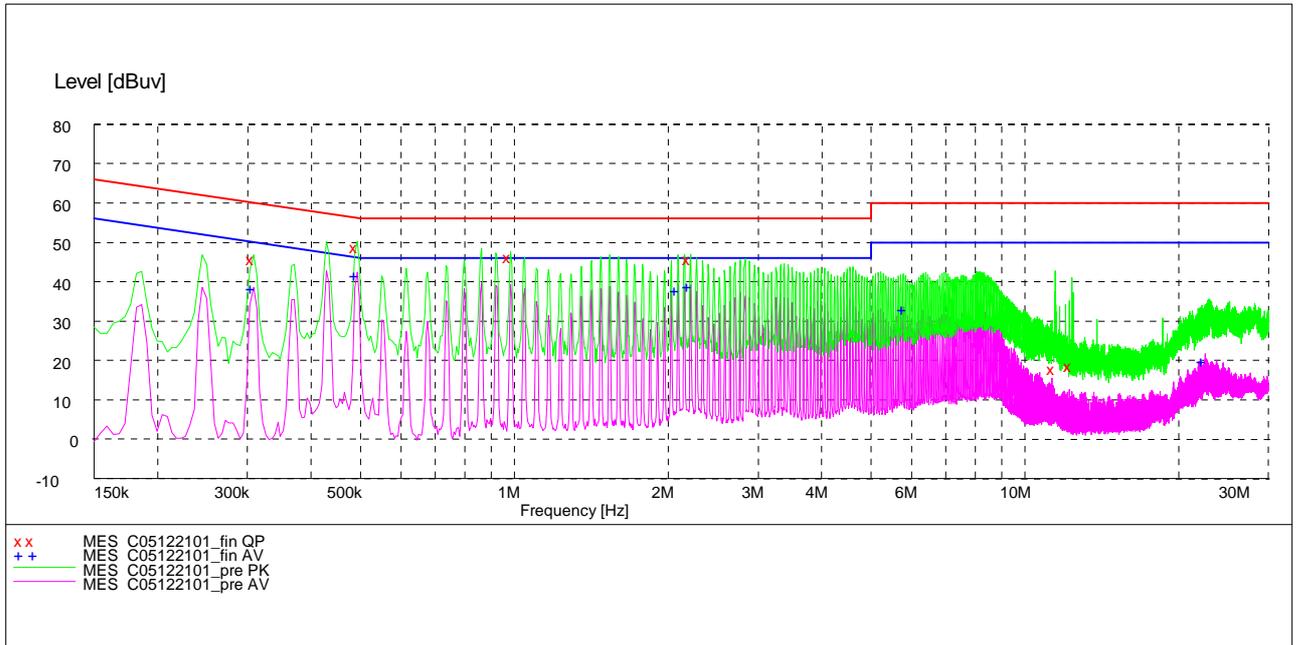
Temperature: -30°C, Channel: 777, Radio Configuration :RC3/3

Measurement/Instrument Screen									
Control	Waveform Quality: Numeric Rho						Call Params		
Waveform Quality Setup ▾	Rho		Frequency Error				Cell Power		
	0.9950		4.9 Hz				-101.00		
Numeric Rho	Time Error: 0.26 us		Carrier Feedthrough: -39.33 dBc				dBm/1.23 MHz		
	Phase Error: 3.46 °		Magnitude Error: 3.79 %				Cell Band		
Code Domain Power	EVM: 7.13 %		Continuous				US Cellular		
							Channel		
Code Domain Power + Noise							777		
							Protocol Rev		
							6 (IS-2000-0)		
							Radio Config		
							(Fud3, Rvs3)		
							S055 (Loopback)		
							FCH Service Option Setup ▾		
	Active Cell Connected			Sys Type: IS-2000					
1 of 2			IntRef	Offset					1 of 4

Appendix G

Conducted Emission at Power Port

According to CFR 47 (FCC) part 15.107



MEASUREMENT RESULT: " C05122101_fin QP"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.307500	46.30	1.0	60	13.7	N	FLO
0.492000	49.30	0.6	56	6.8	N	FLO
0.982500	46.80	0.5	56	9.2	N	FLO
2.206500	46.30	0.5	56	9.7	N	FLO
11.413500	18.40	2.3	60	41.6	L2	FLO
12.331500	19.10	1.8	60	40.9	N	FLO

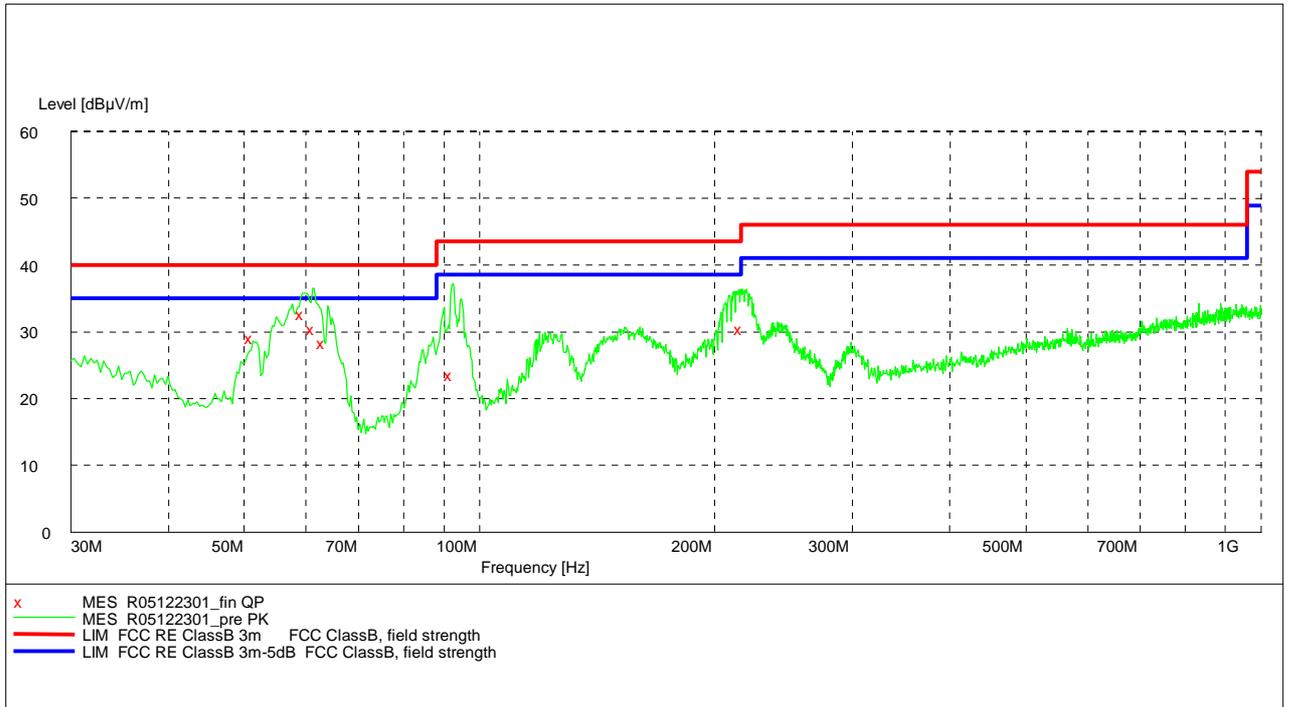
MEASUREMENT RESULT: " C05122101_fin AV"

Frequency (MHz)	Level (dBμV)	Transd (dB)	Limit (dBμV)	Margin (dB)	Line	PE
0.307500	38.90	1.0	50	11.1	N	FLO
0.492000	42.10	0.6	46	4.0	N	FLO
2.085000	38.30	0.5	46	7.8	N	FLO
2.206500	39.60	0.5	46	6.4	N	FLO

Appendix H

Radiated Emission of Enclosure in Idle Mode

According to CFR 47 (FCC) part 15.109



MEASUREMENT RESULT: "R05122301_fin QP"

Frequency (MHz)	Level (dBµV/m)	Transd (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Azimuth (deg)	Polarisation
51.180000	29.20	-14.3	40.0	10.8	100.0	253.00	VERTICAL
59.400000	32.80	-16.0	40.0	7.2	100.0	242.00	VERTICAL
61.440000	30.60	-16.0	40.0	9.4	171.0	90.00	VERTICAL
63.300000	28.40	-16.1	40.0	11.6	169.0	83.00	VERTICAL
92.100000	23.70	-10.9	43.5	19.8	272.0	181.00	HORIZONTAL
216.300000	30.50	-10.9	43.5	13.0	173.0	15.00	HORIZONTAL



Appendix I

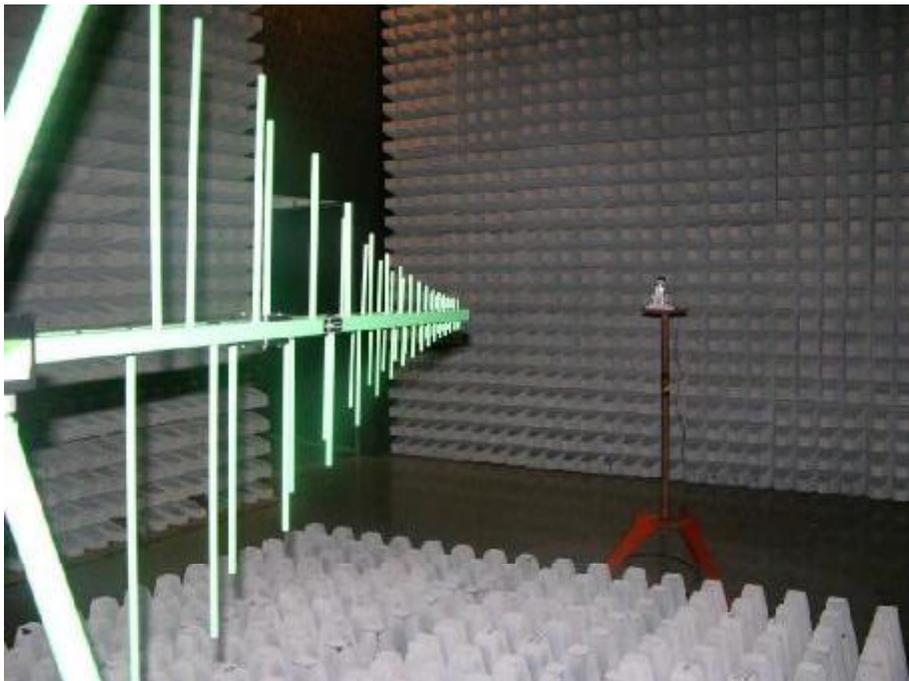
Photos of Test Setup

1 Radiated Emissions



Radiated Disturbance of AC mode (below 1GHz)

2 Radiated Spurious Emissions

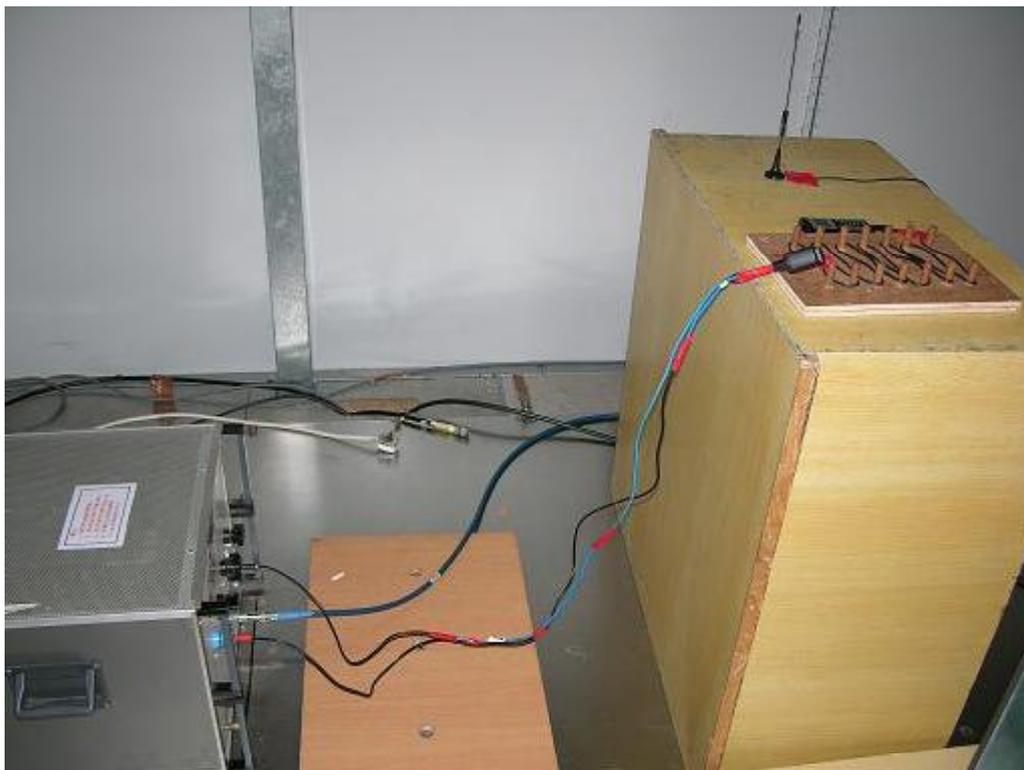


Radiated Spurious Disturbance of AC mode (below 1GHz)



Radiated Spurious Disturbance of AC mode (above 1GHz)

3 Conducted Emissions



Conducted Emissions for AC Ports