



# **EXHIBIT 2C**

## **Test Report (Plot) Provided by Nortel Networks**

**Applicant: Nortel Networks**

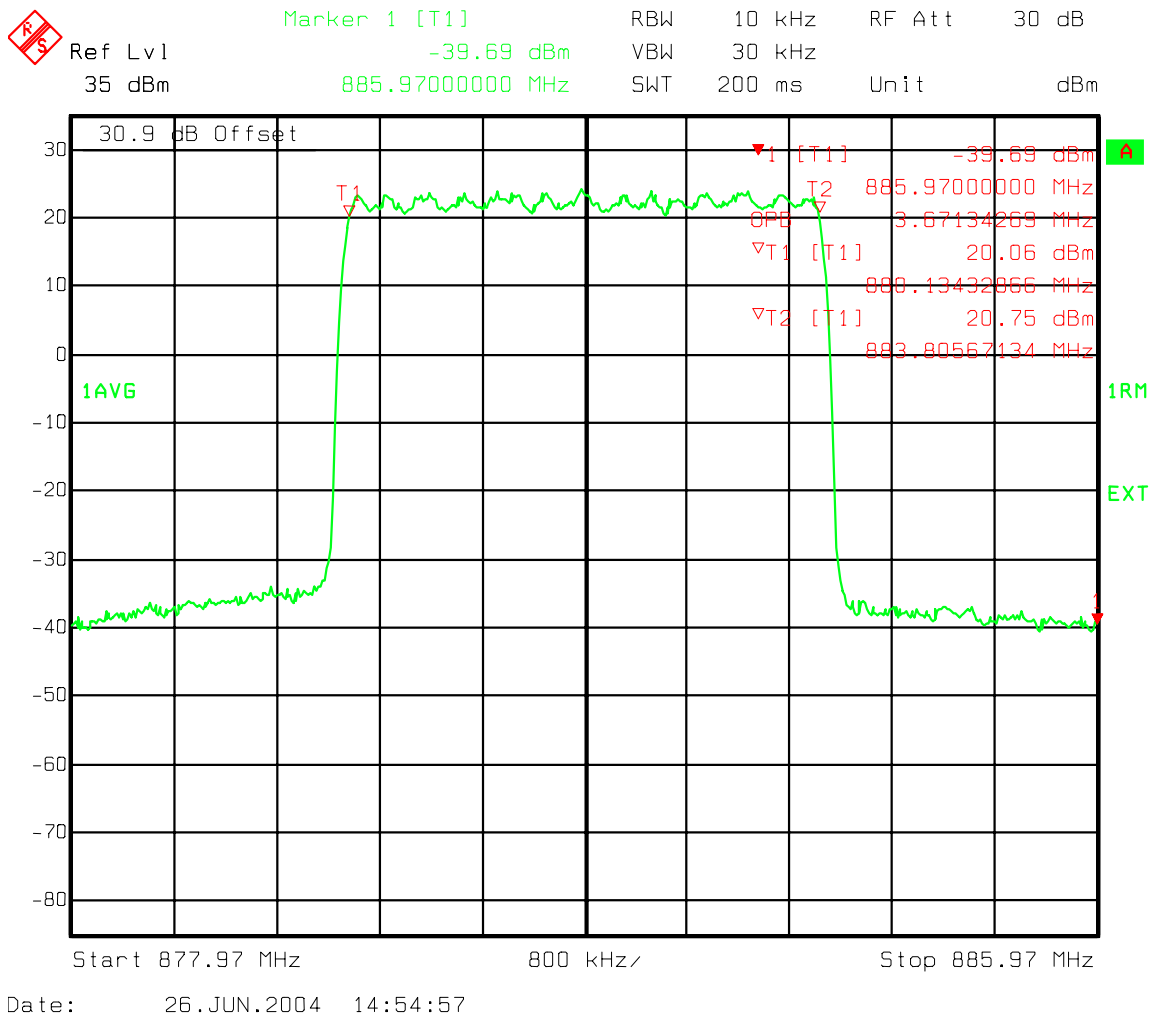
**For Class II Permissive  
Change on:**

**AB6NT800RM-CBTS**

## 9 Appendix E - Three Carriers IS-856 16QAM Spurious Emission

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

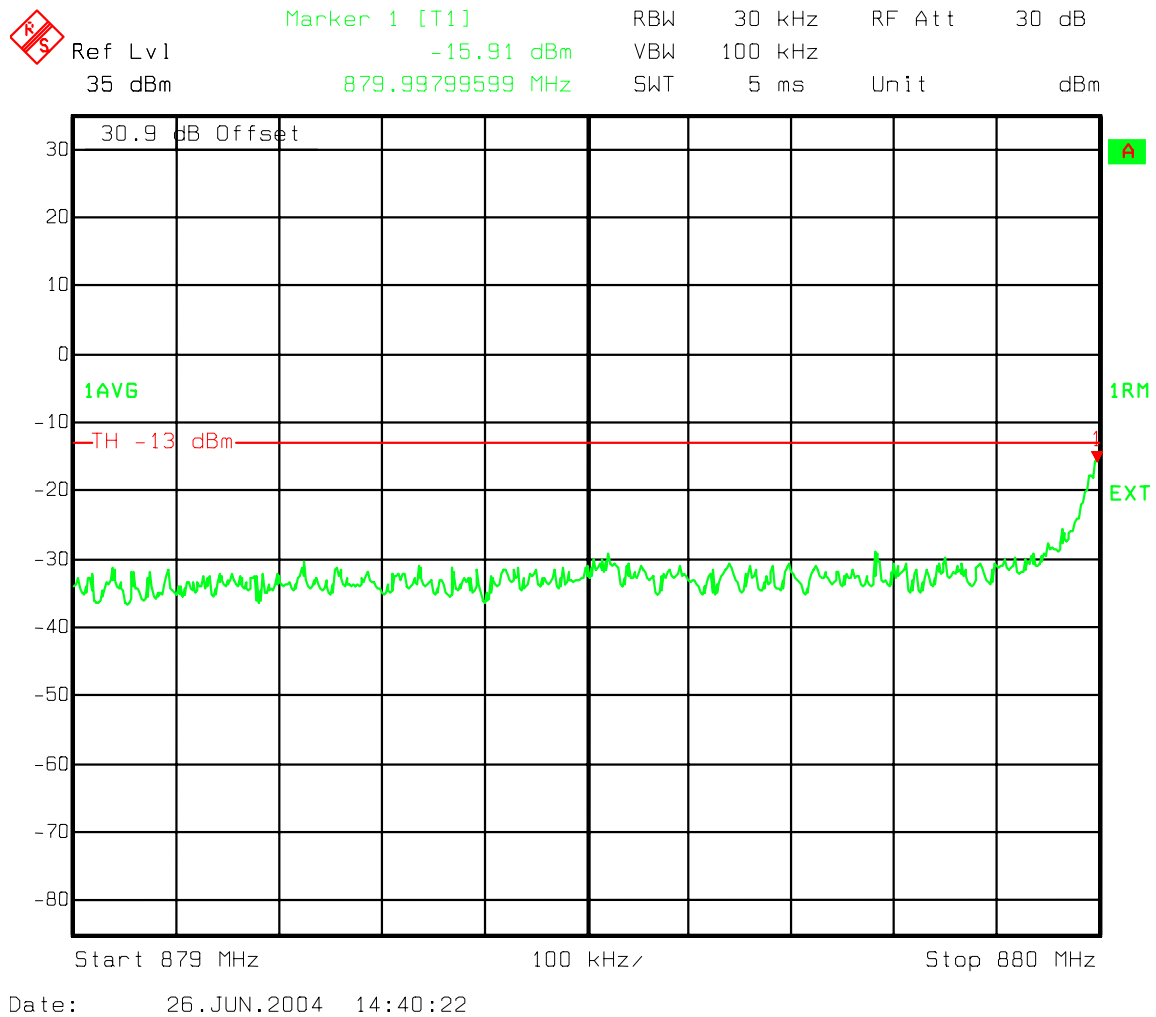
**Occupied Bandwidth Ch 358, 390, 440 Band B IS856-16QAM**



**Figure 94 : Three Carriers IS856 16QAM - Occupied Bandwidth Ch 358, 399, 440 Band B**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

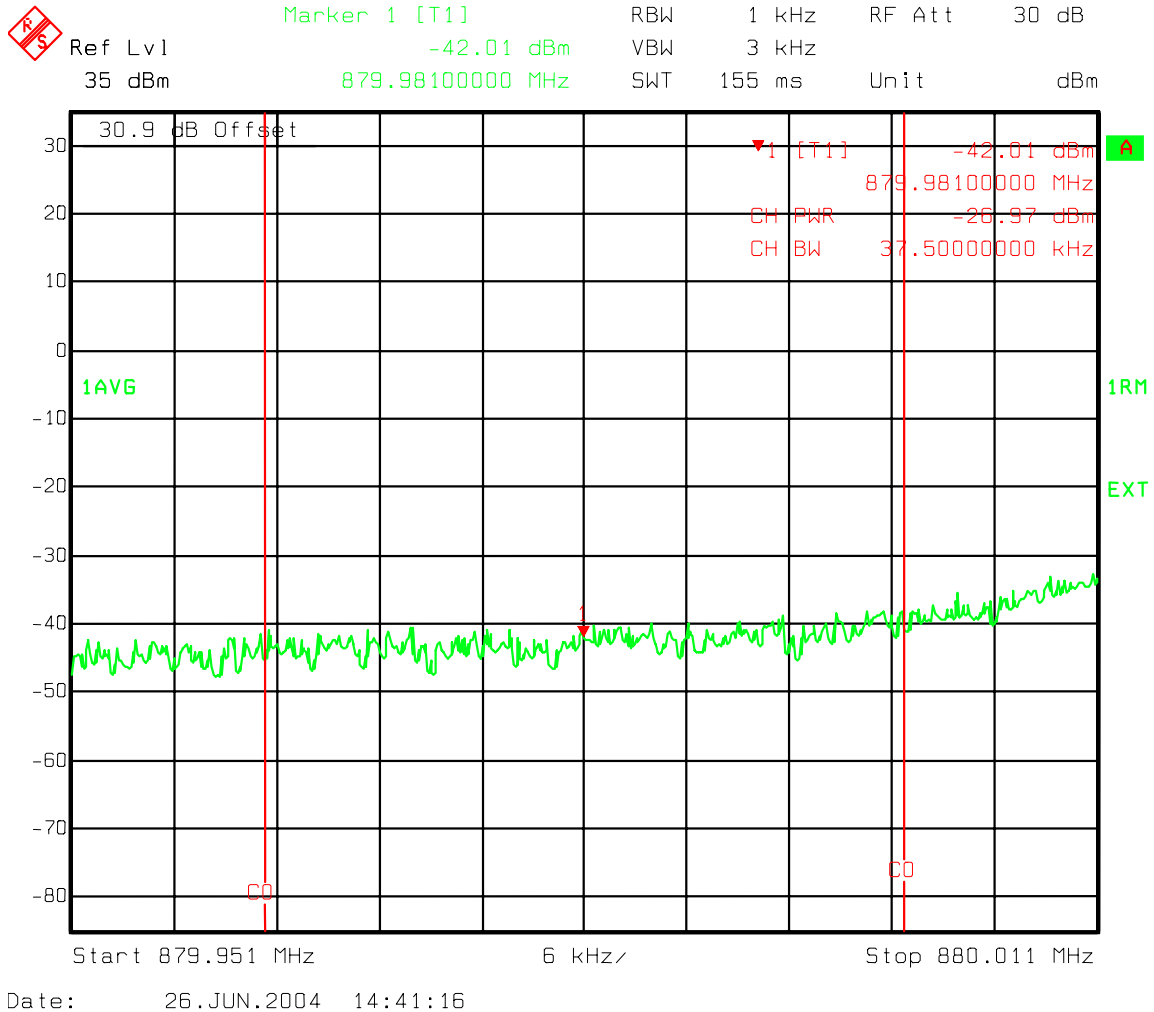
**B Band Ch 358, 399, 440 IS856-16QAM Adjacent 1Mhz Lower emissions 879-  
880MHz**



**Figure 95 : Three Carriers IS856 16QAM - B Band Ch 358, 399, 440 IS856 Adjacent 1MHz  
Lower emissions 879-880MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

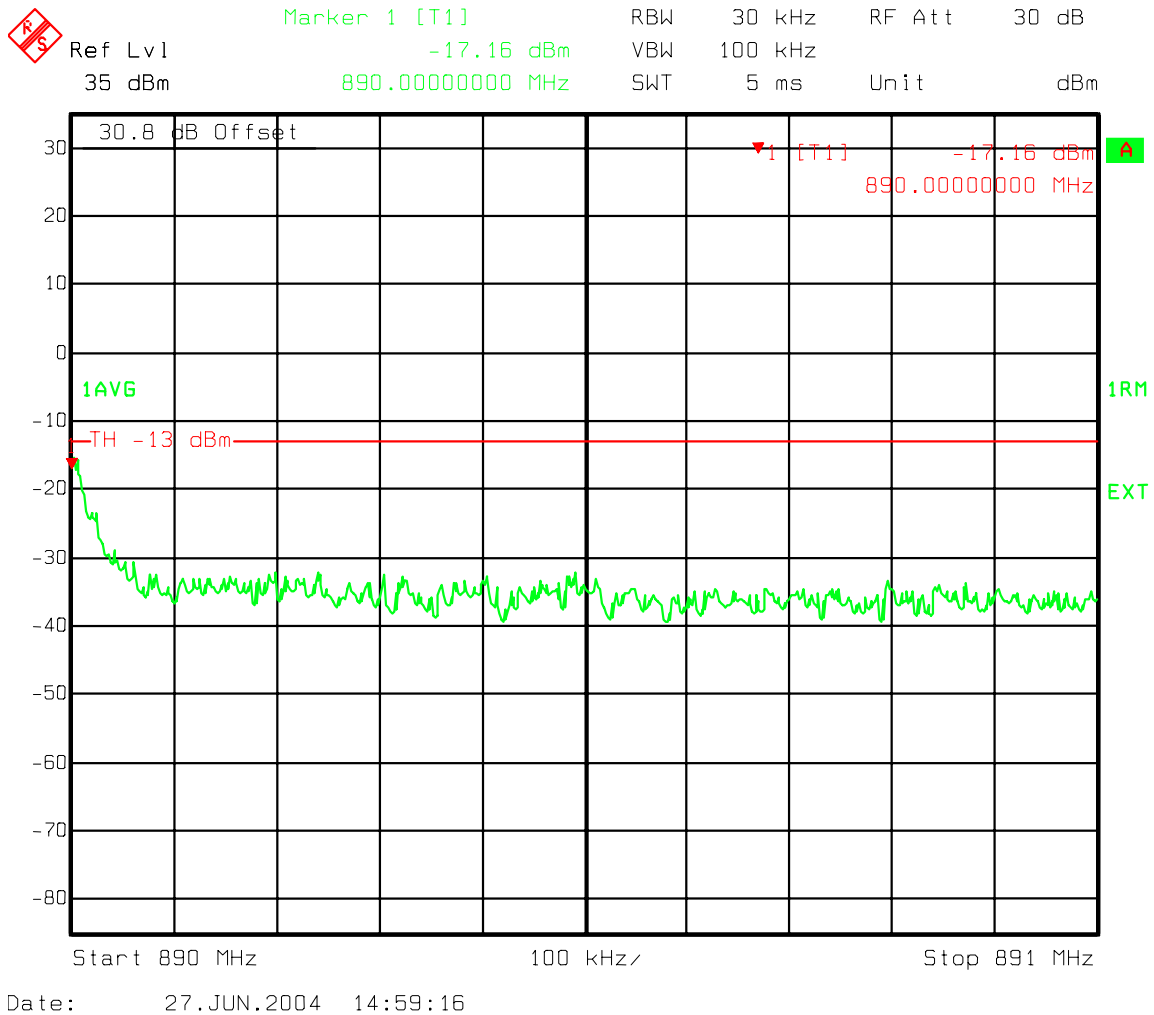
**B Band Ch358, 399, 440 IS856-16QAM Channel power Adjacent 37.5 kHz Lower  
 emissions to 880 MHz**



**Figure 96 : Three Carriers IS856 16QAM - Ch 358, 399, 440 IS856 Lower B Band Adjacent  
 to outside edge 37.5kHz band Channel Power**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

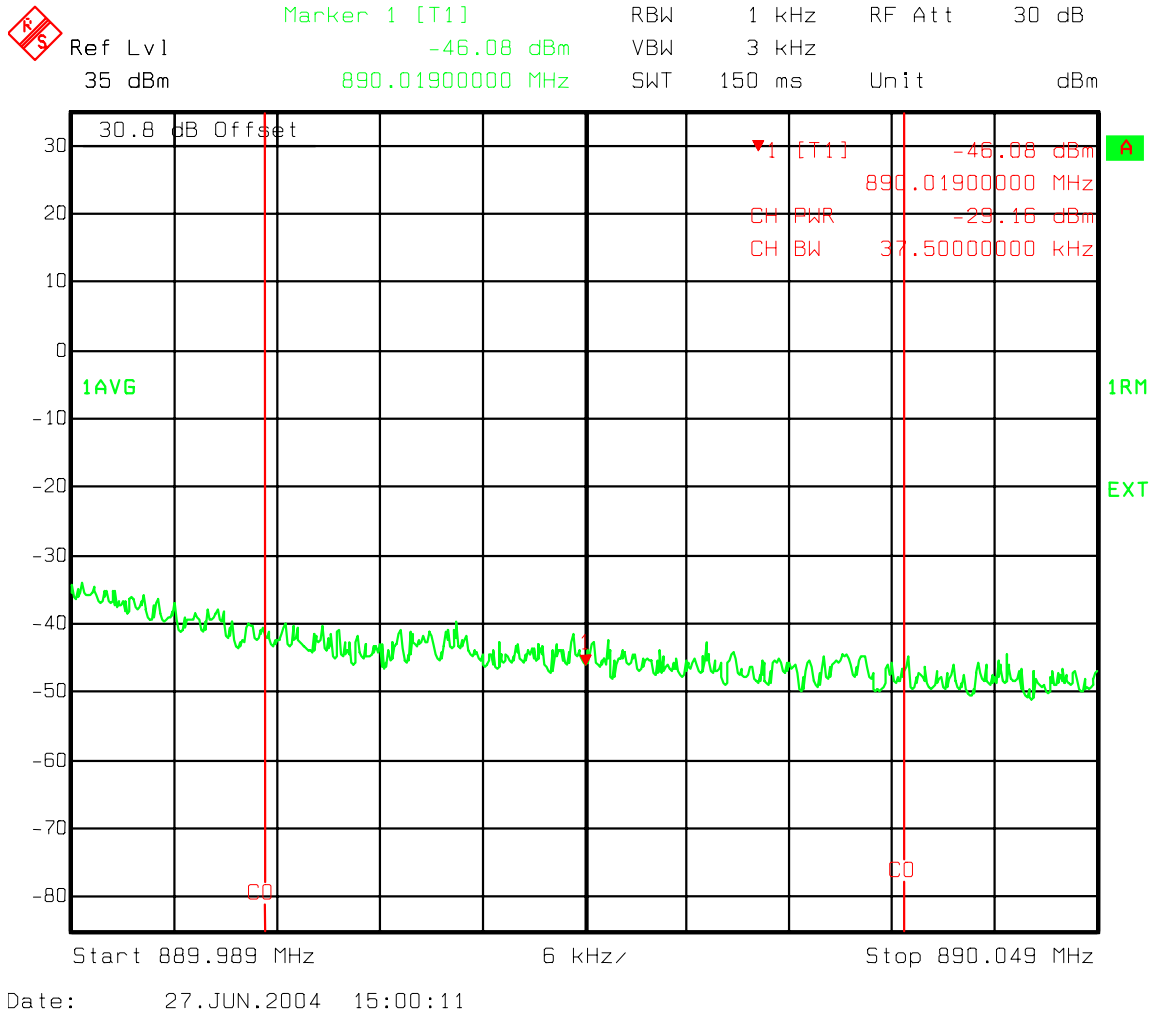
**Ch 560, 601, 642 Upper B Band adjacent 1MHz band emissions 890-891 MHz**



**Figure 97 : Three Carriers IS856 16QAM - Ch 560, 601, 642 Upper B Band adjacent 1 MHz  
 band emissions 890-891 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

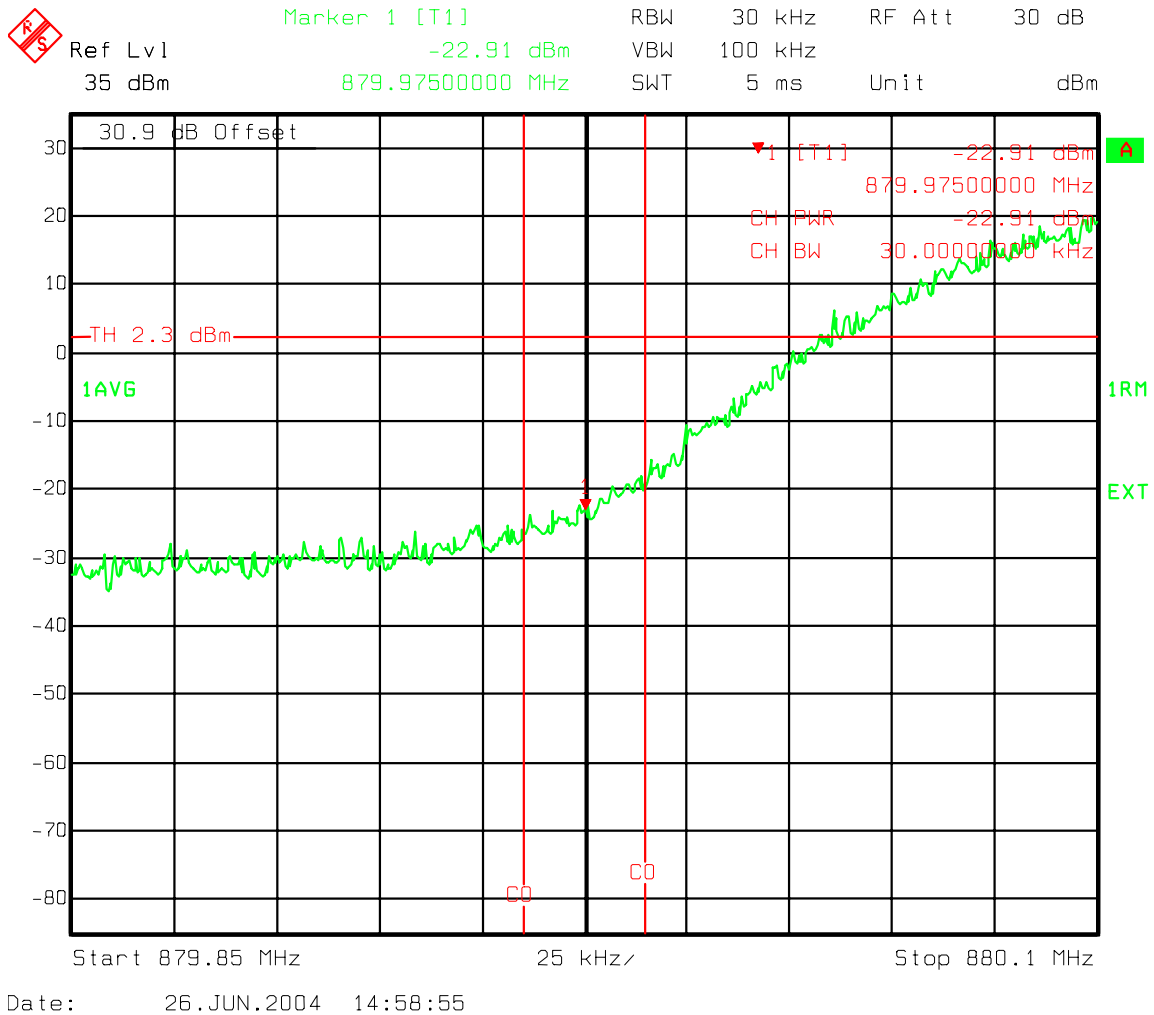
**Ch 560, 601, 642 Upper B Band adjacent to outside edge 37.5 kHz band Channel  
 power**



**Figure 98 : Three Carriers IS856 16QAM - Ch 560, 601, 642 Upper B Band adjacent to out-  
 side edge 37.5 kHz band Channel power**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

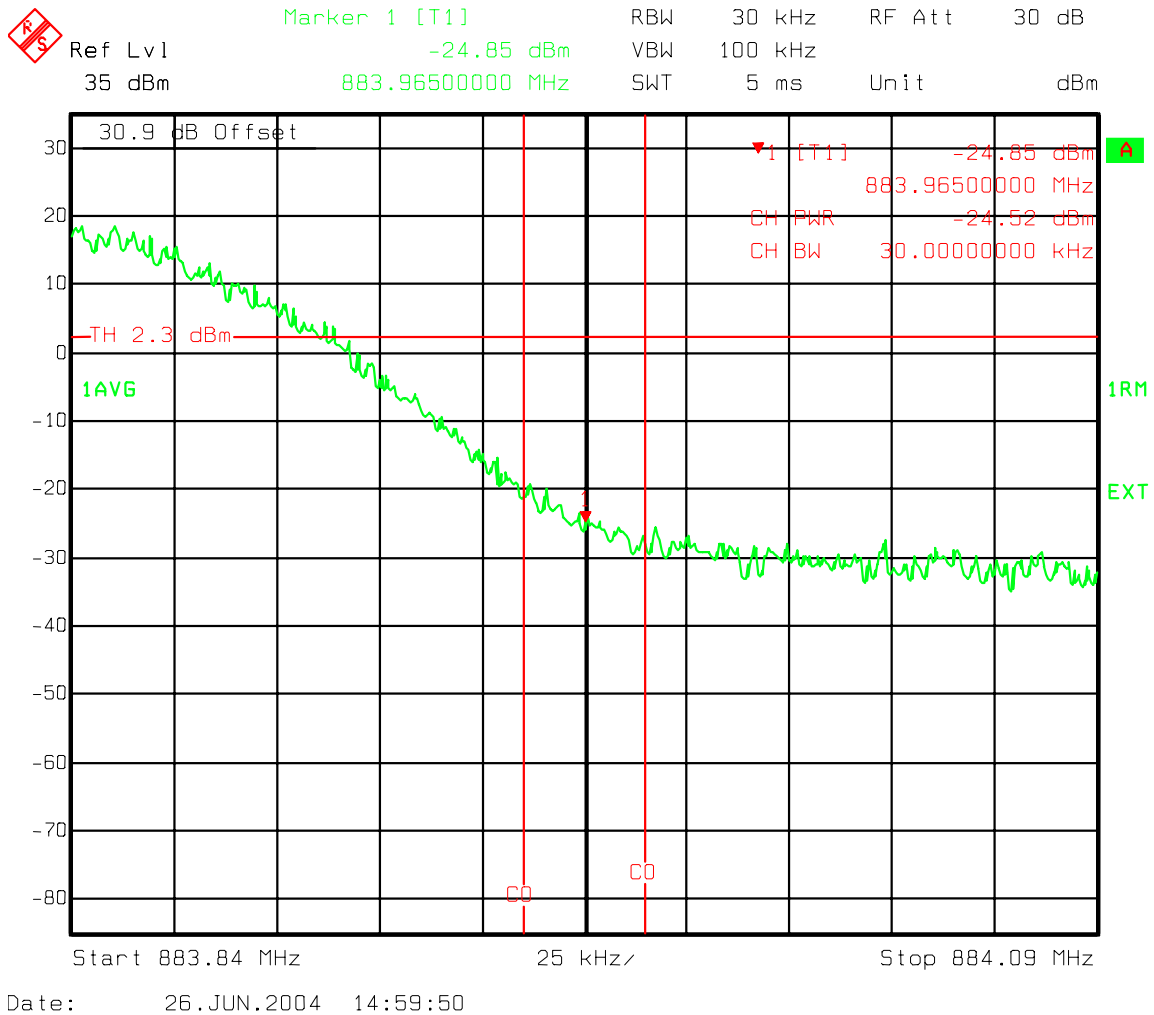
**Industry Canada Lower 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 99 : Three Carriers IS856 16QAM - Industry Canada Lower 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

**Industry Canada Upper 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**

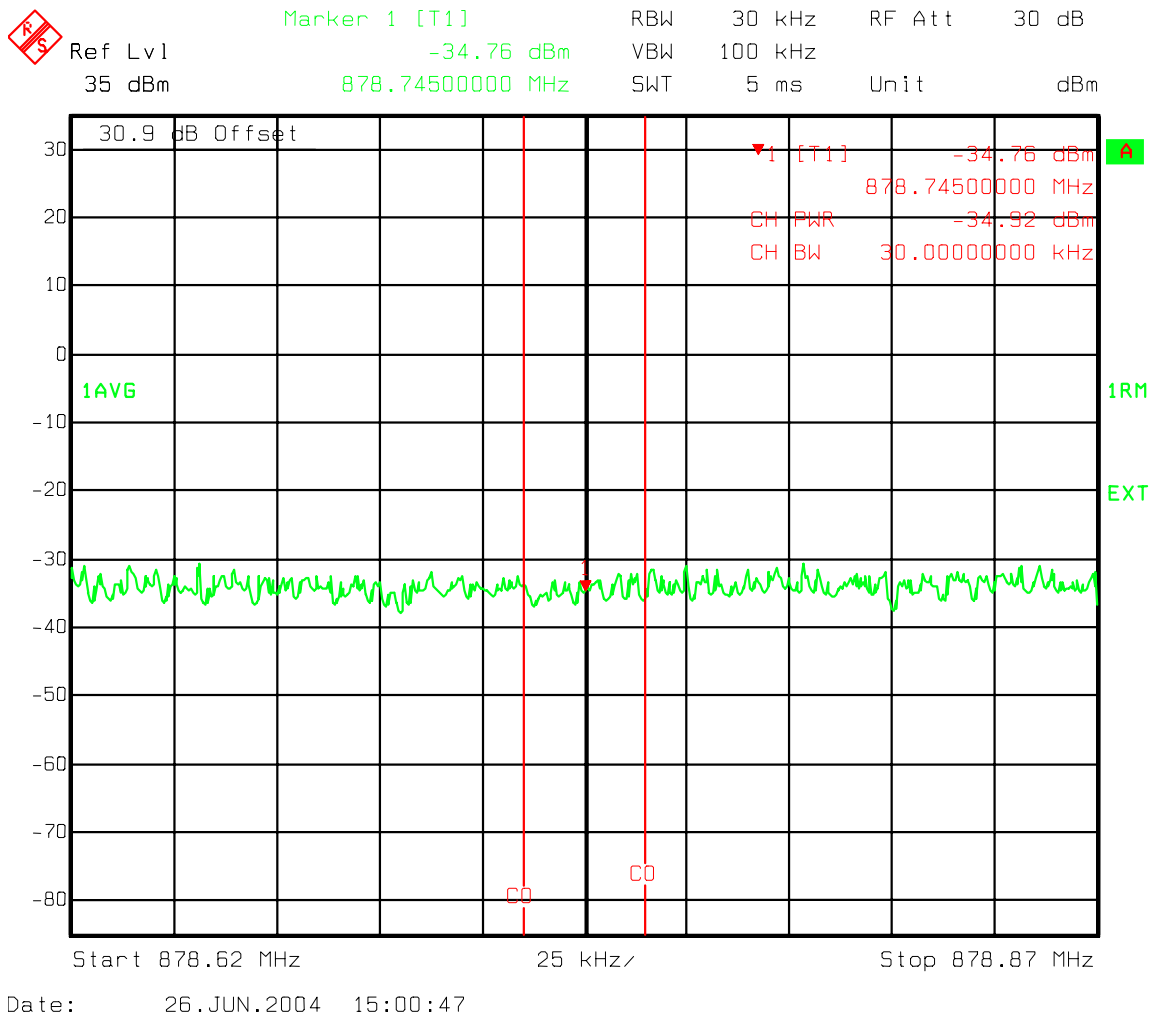


**Figure 100 : Three Carriers IS856 16QAM - Industry Canada Upper 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

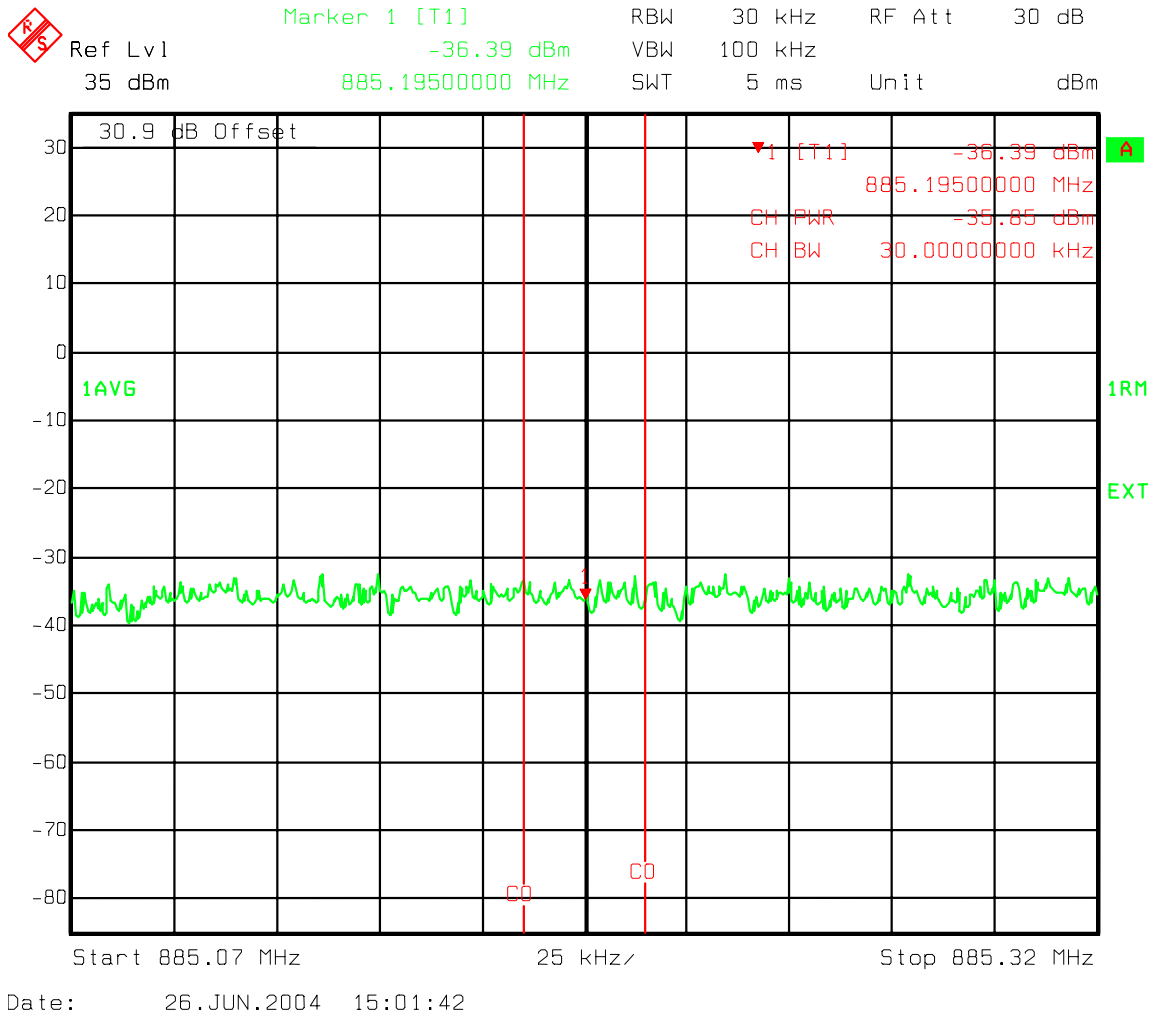
**Industry Canada 1.98 MHz offset Lower 30kHz Chan Power Ch 358, 399, 440**



**Figure 101 : Three Carriers IS856 16QAM - Industry Canada 1.98 MHz offset Lower 30 kHz Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

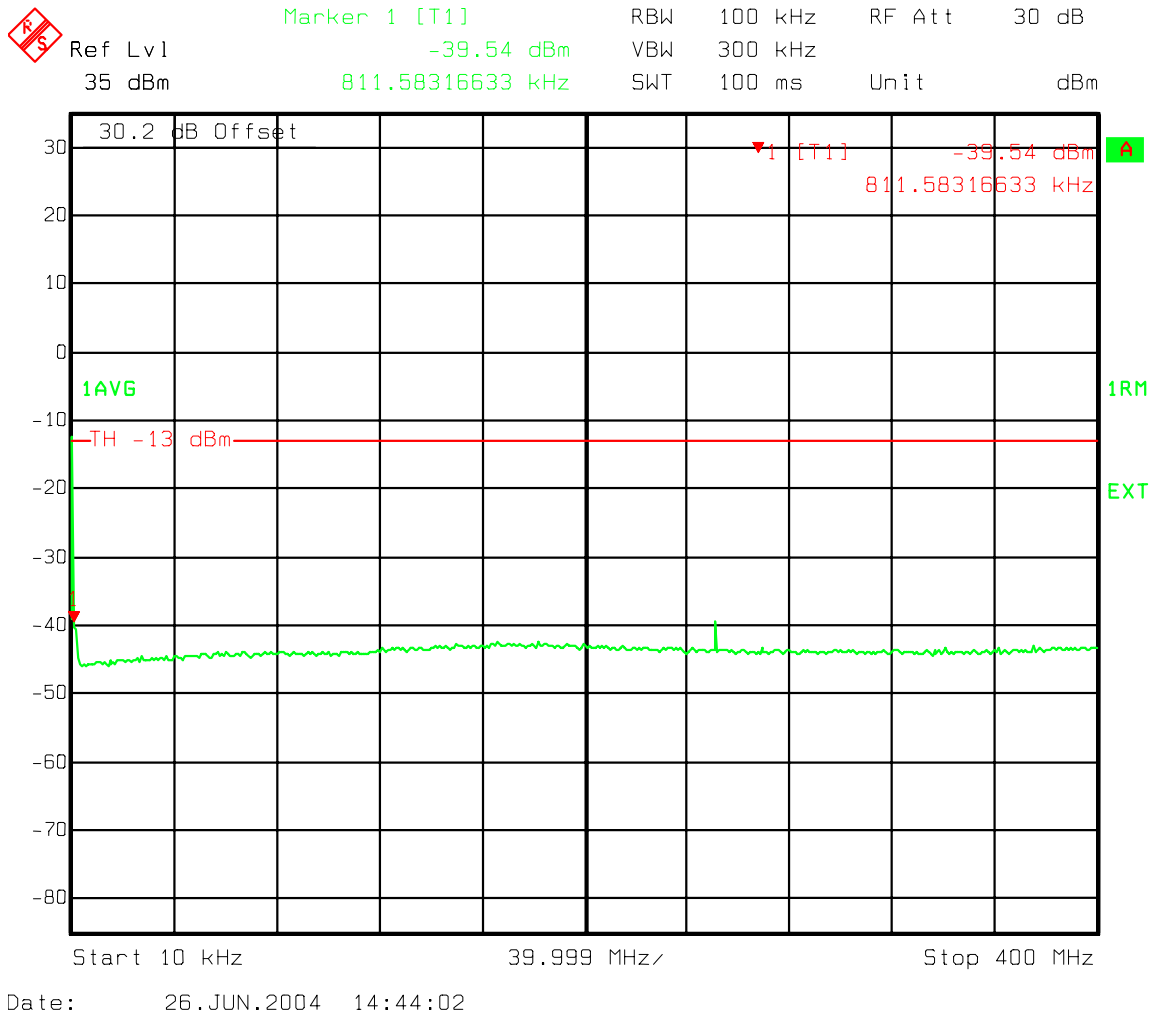
**Industry Canada 1.98 MHz offset Upper 30kHz Chan Power Ch 358, 399, 440**



**Figure 102 : Three Carriers IS856 16QAM - Industry Canada 1.98 MHz offset Upper 30 kHz Chan Power Ch 358, 399, 440**

### Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM

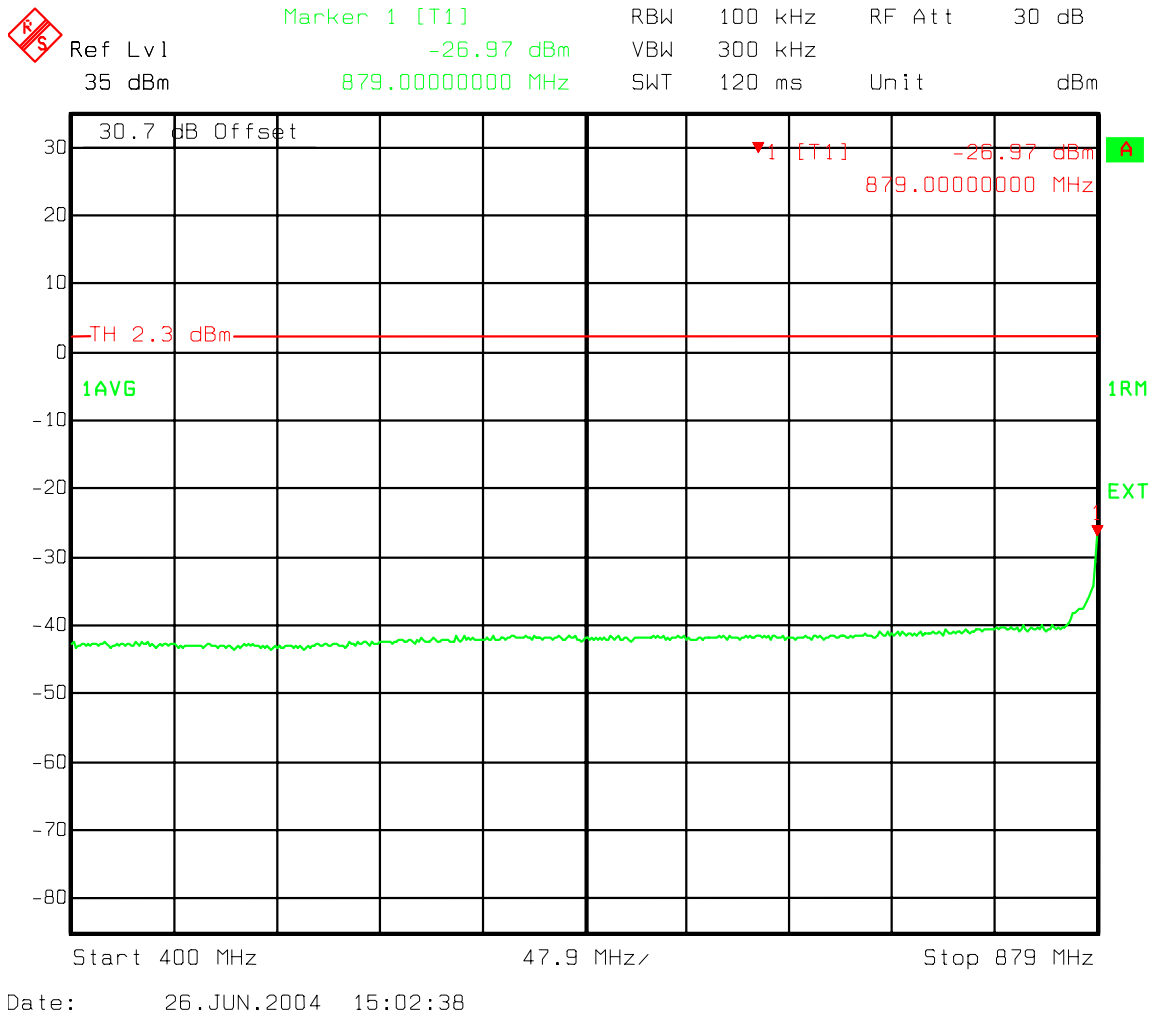
#### B Band IS856-16QAM Spurious emissions 10kHz-400 MHz



**Figure 103 : Three Carriers IS856 16QAM - B Band Spurious emissions 10kHz-400 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

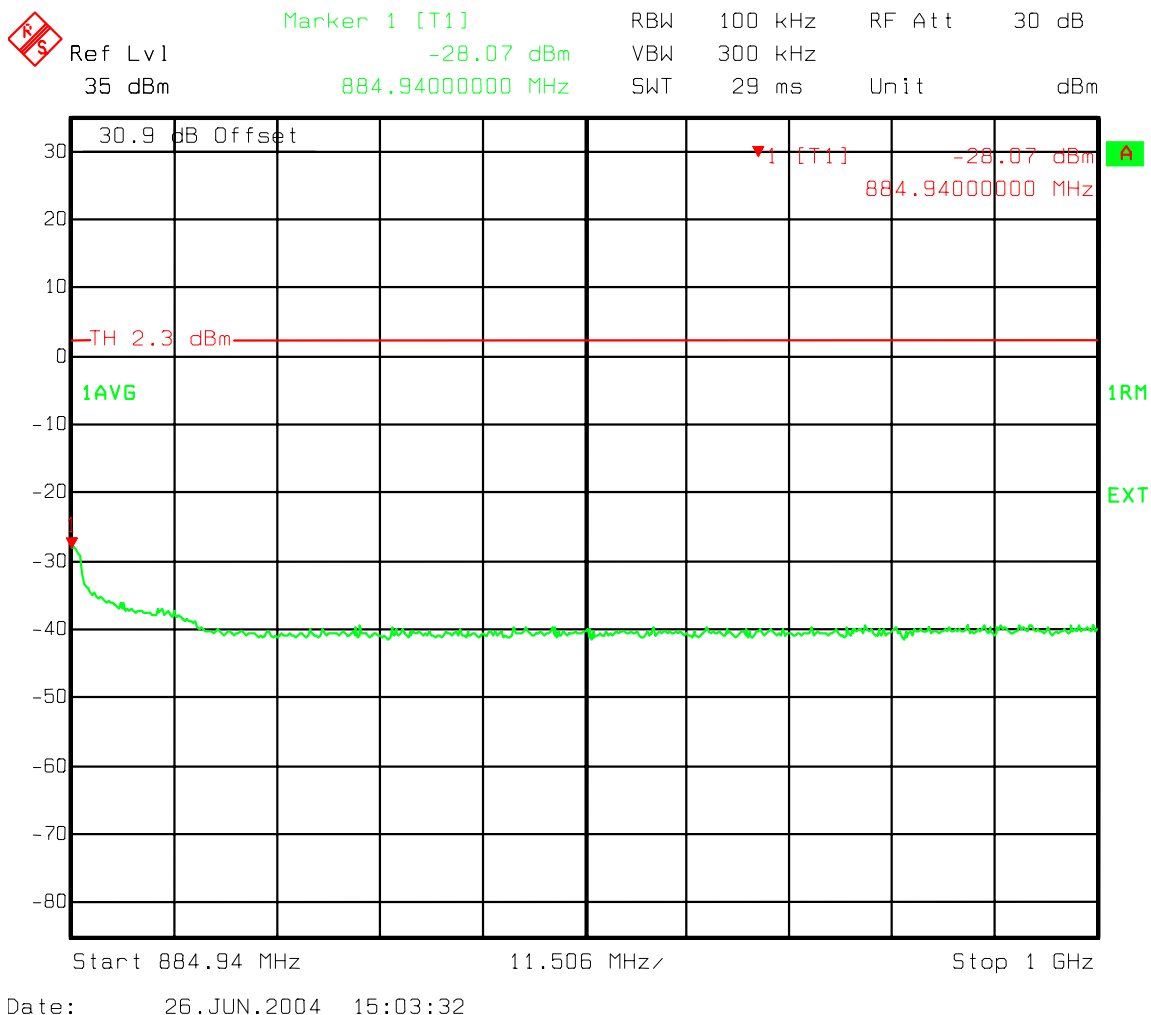
**B Band IS856-16QAM Spurious emissions 400MHz to Lower 1MHz Band Edge**



**Figure 104 : Three Carriers IS856 16QAM - B Band Spurious emissions 400 MHz to Lower 1 MHz Band Edge**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

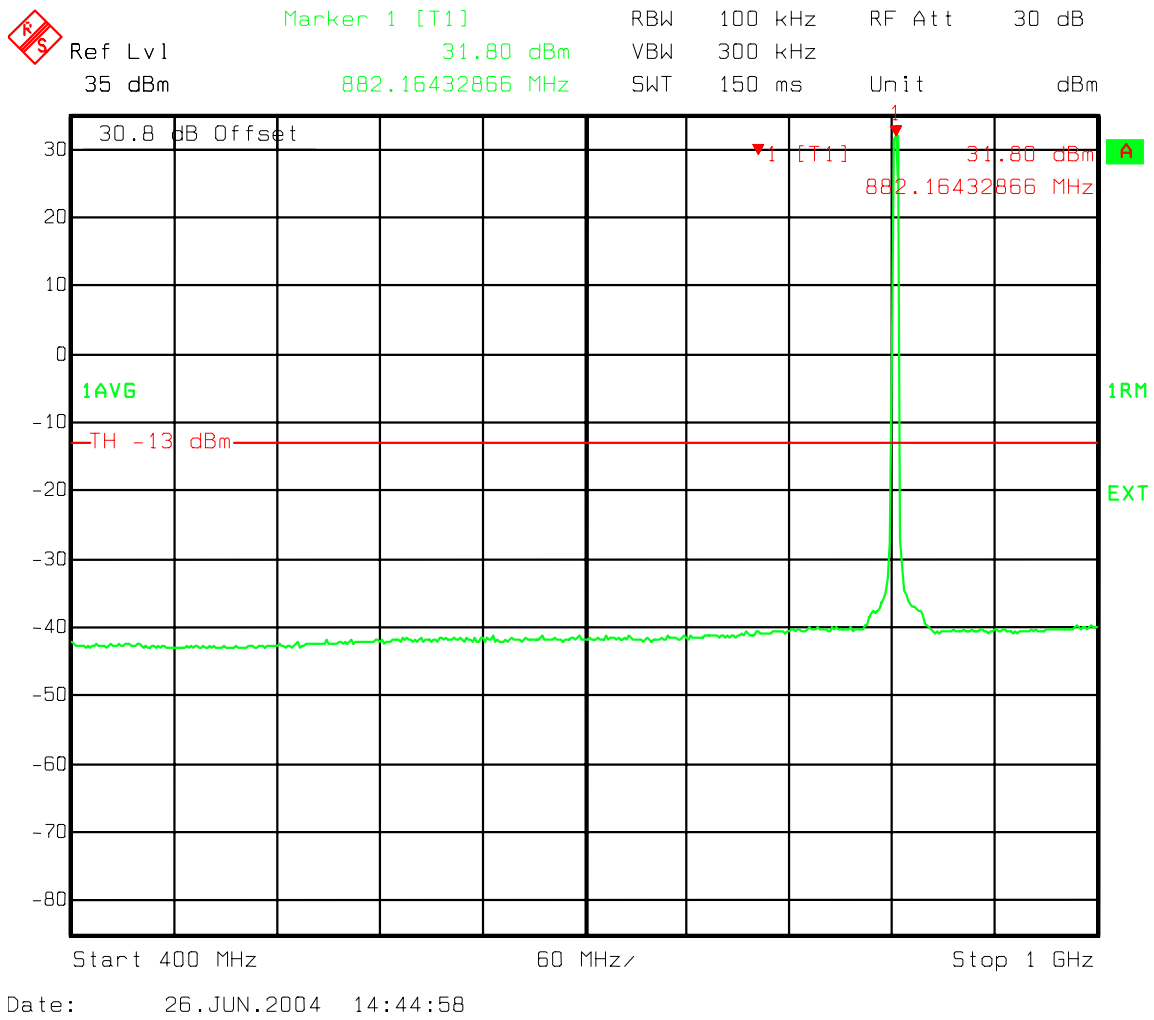
**B Band IS856-16QAM Spurious emissions Upper 1MHz Band Edge to 1GHz**



**Figure 105 : Three Carriers IS856 16QAM - B Band Spurious emissions Upper 1 MHz  
Band Edge to 1 GHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

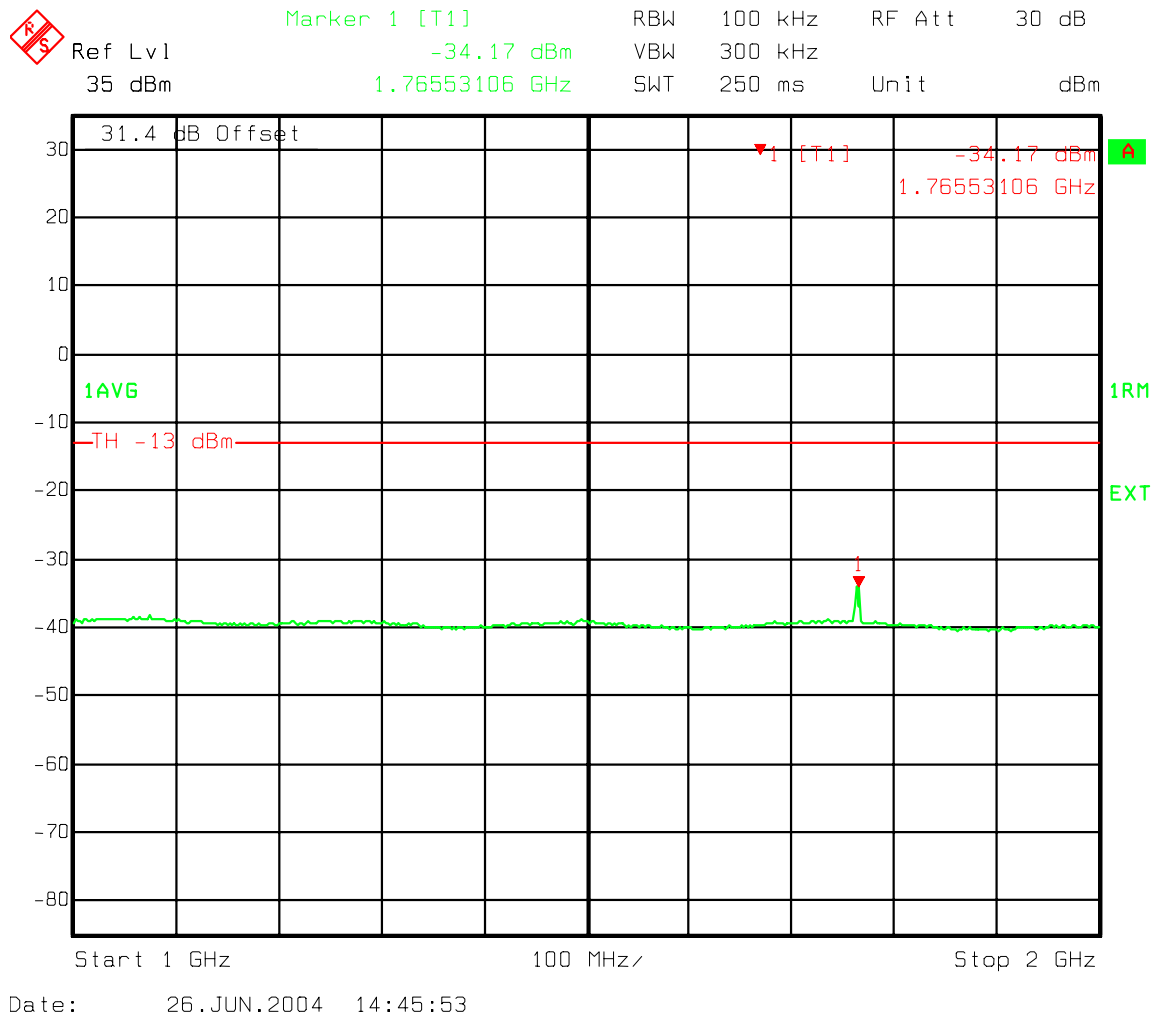
**B Band IS856-16QAM Spurious emissions 400-1000 MHz**



**Figure 106 : Three Carriers IS856 16QAM - B Band Spurious emissions 400-1000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

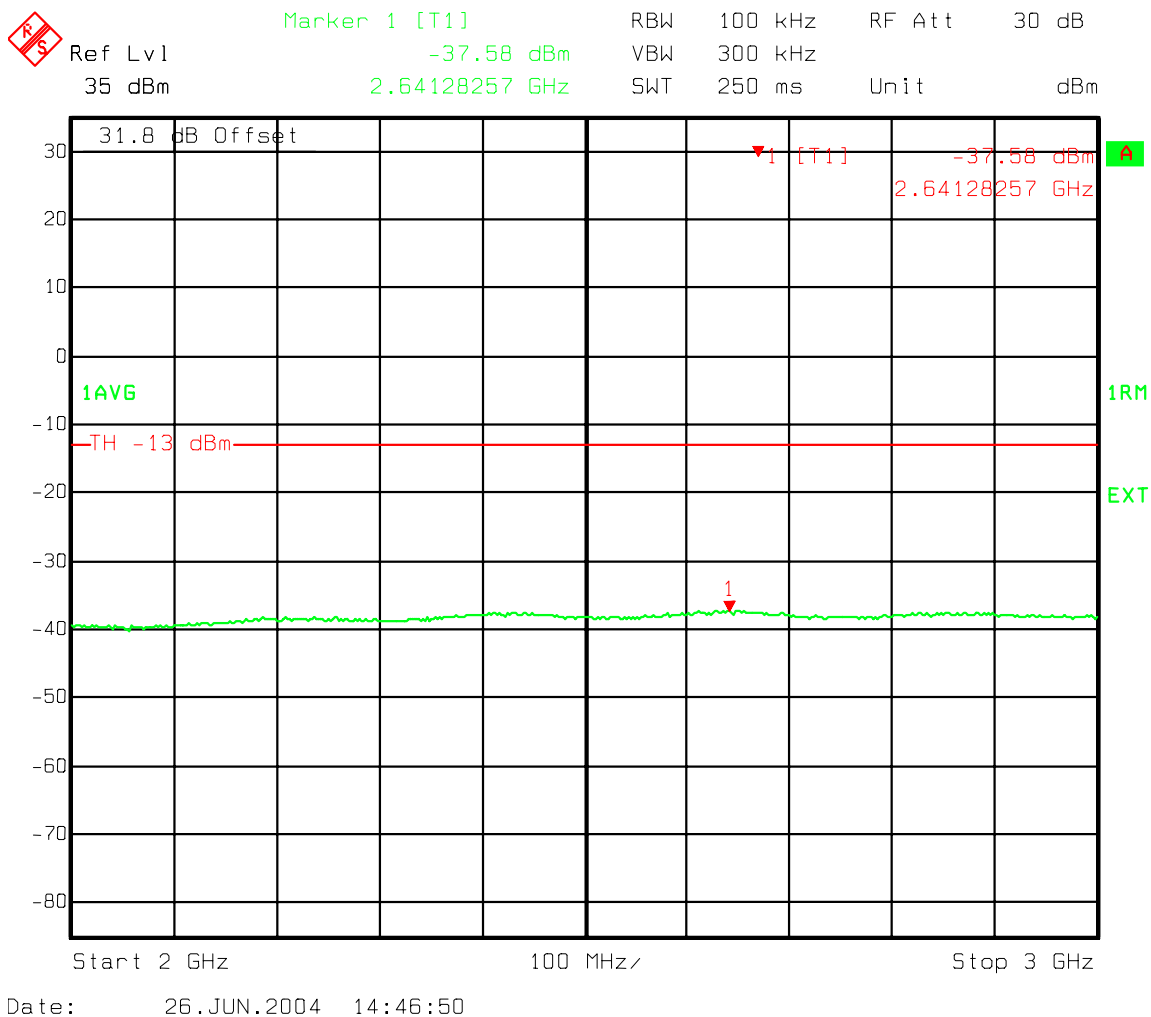
**B Band IS856-16QAM Spurious emissions 1000-2000 MHz**



**Figure 107 : Three Carriers IS856 16QAM - B Band Spurious emissions 1000-2000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

**B Band IS856-16QAM Spurious emissions 2000-3000 MHz**

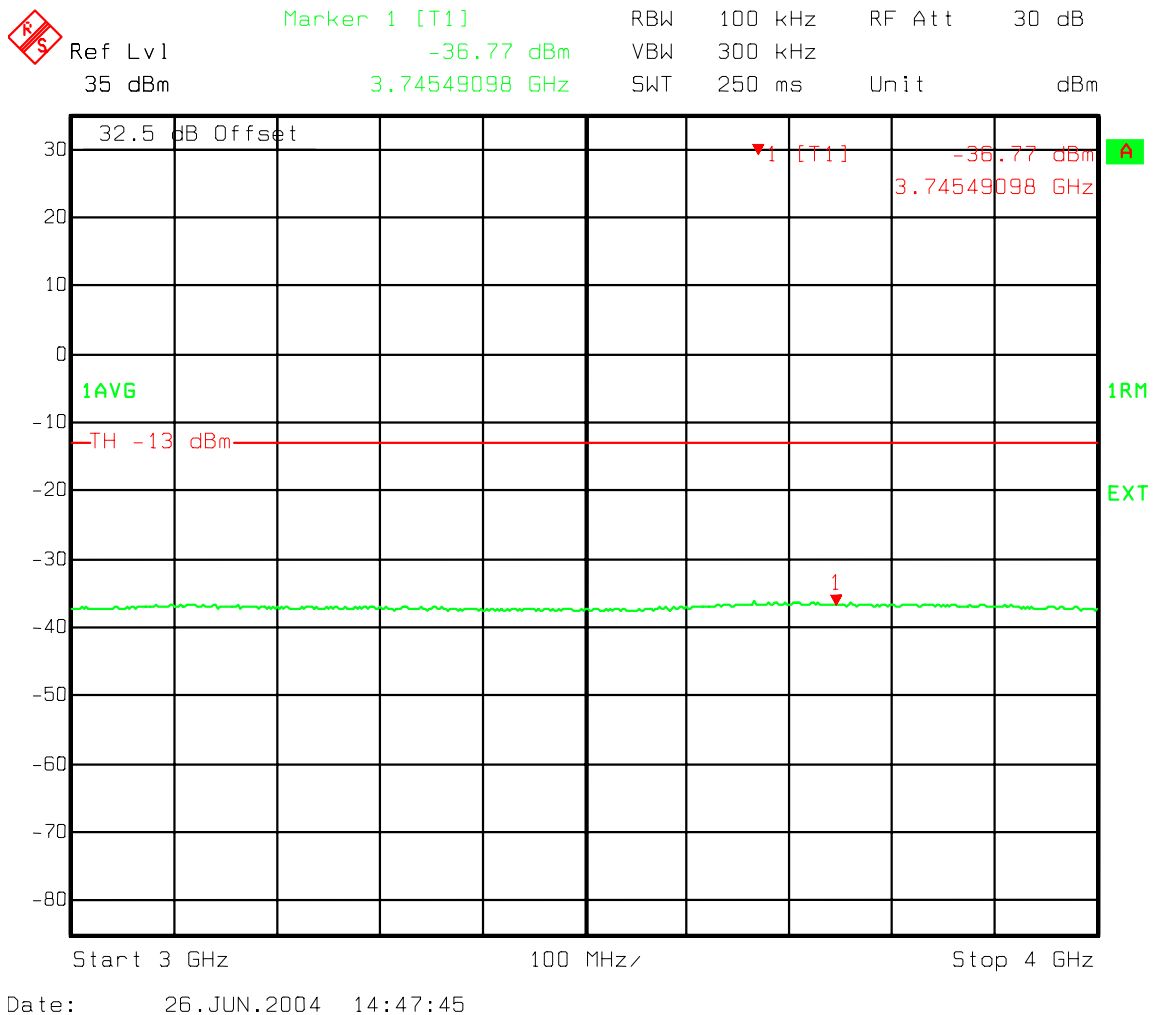


**Figure 108 : Three Carriers IS856 16QAM - B Band Spurious emissions 2000-3000 MHz**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

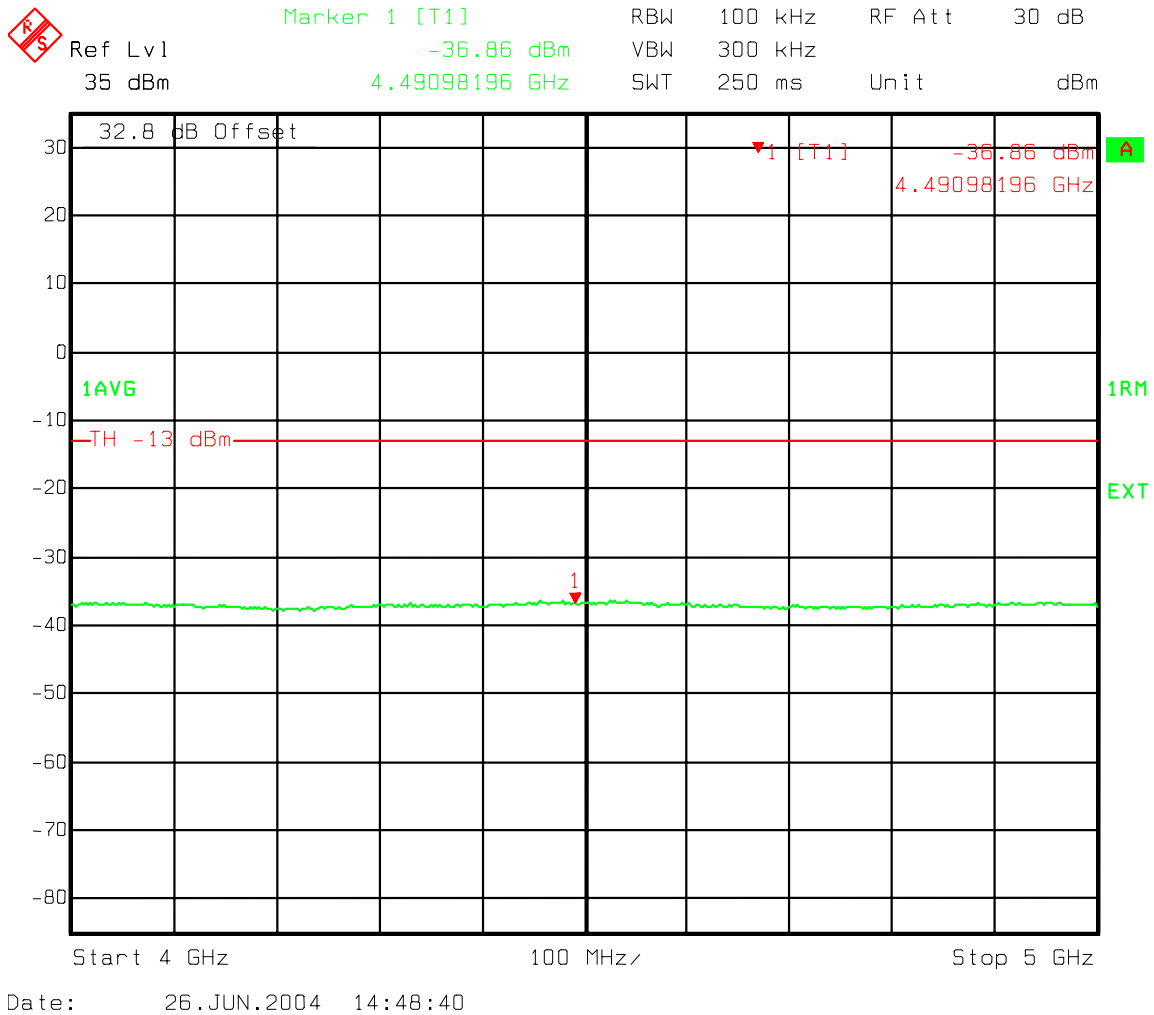
**B Band IS856-16QAM Spurious emissions 3000-4000 MHz**



**Figure 109 : Three Carriers IS856 16QAM - B Band Spurious emissions 3000-4000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

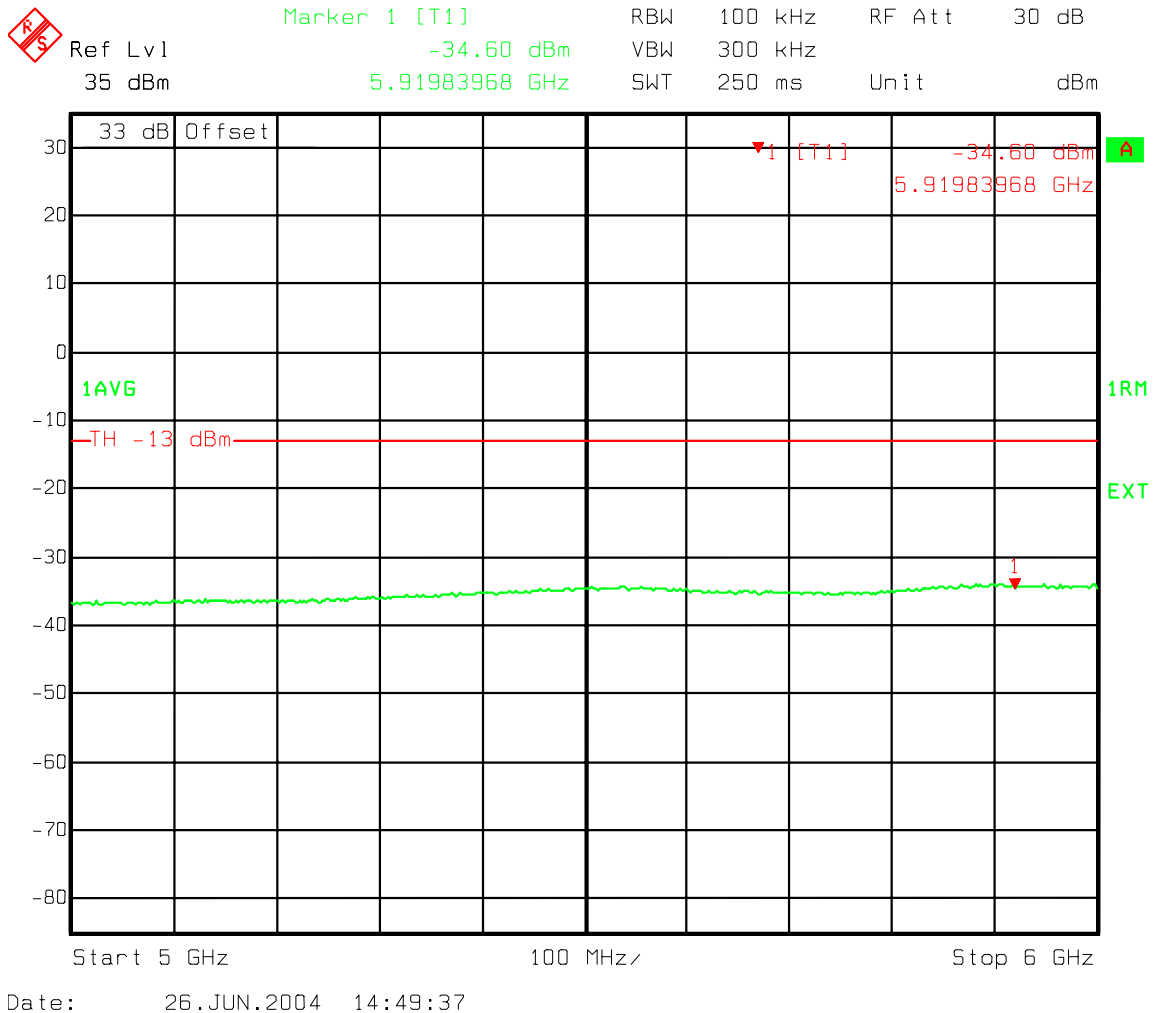
**B Band IS856-16QAM Spurious emissions 4000-5000 MHz**



**Figure 110 : Three Carriers IS856 16QAM - B Band Spurious emissions 4000-5000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

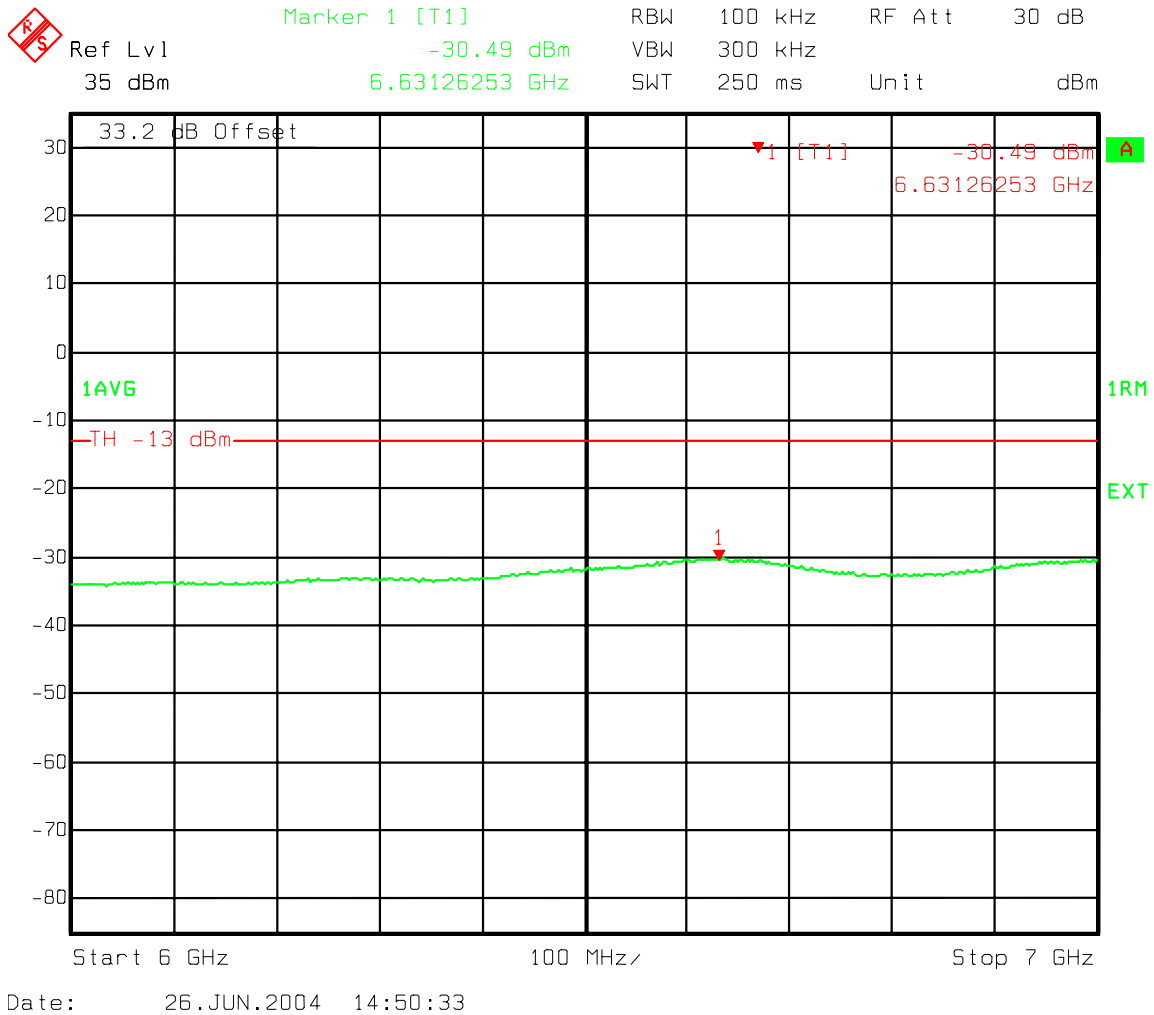
**B Band IS856-16QAM Spurious emissions 5000-6000 MHz**



**Figure 111 : Three Carriers IS856 16QAM - B Band Spurious emissions 5000-6000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

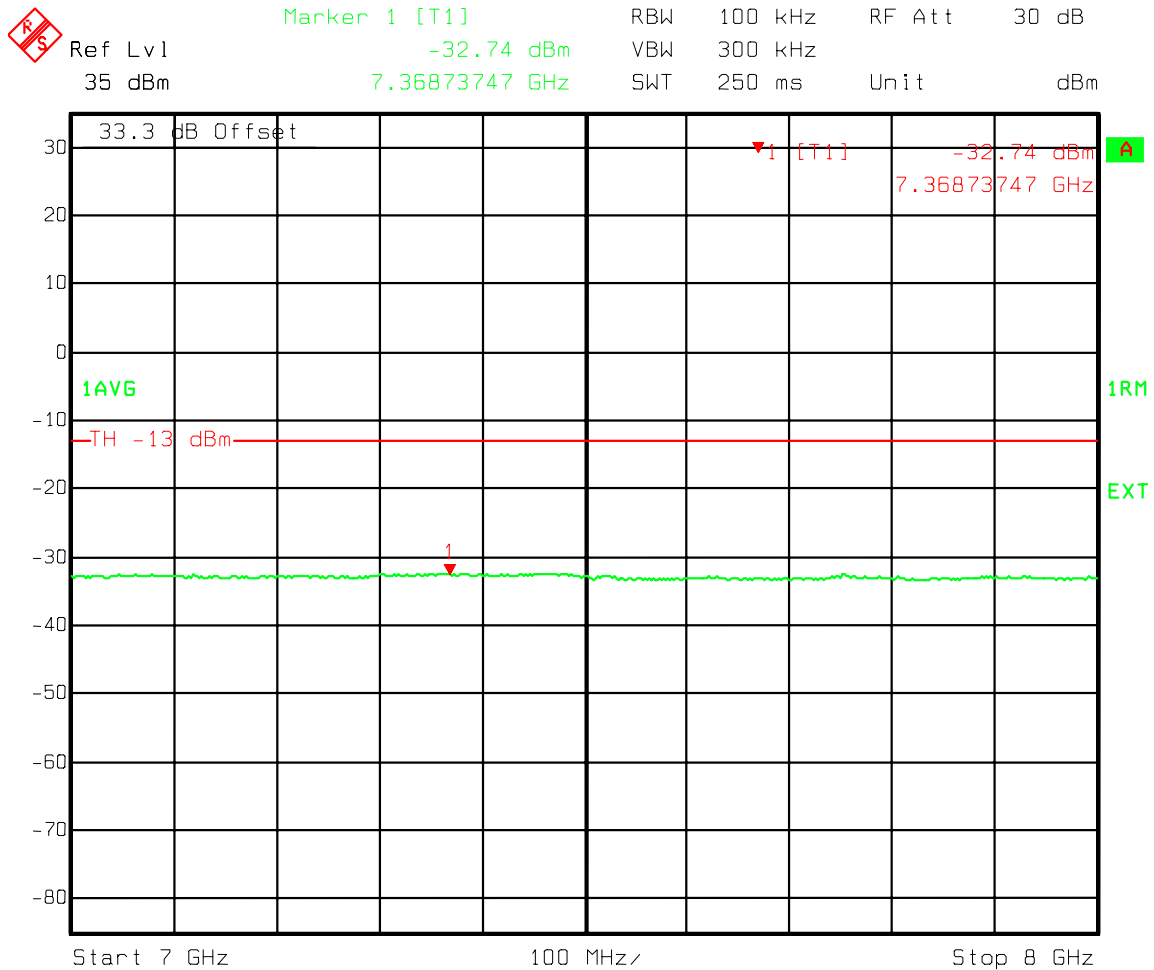
**B Band IS856-16QAM Spurious emissions 6000-7000 MHz**



**Figure 112 : Three Carriers IS856 16QAM - B Band Spurious emissions 6000-7000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

**B Band IS856-16QAM Spurious emissions 7000-8000 MHz**

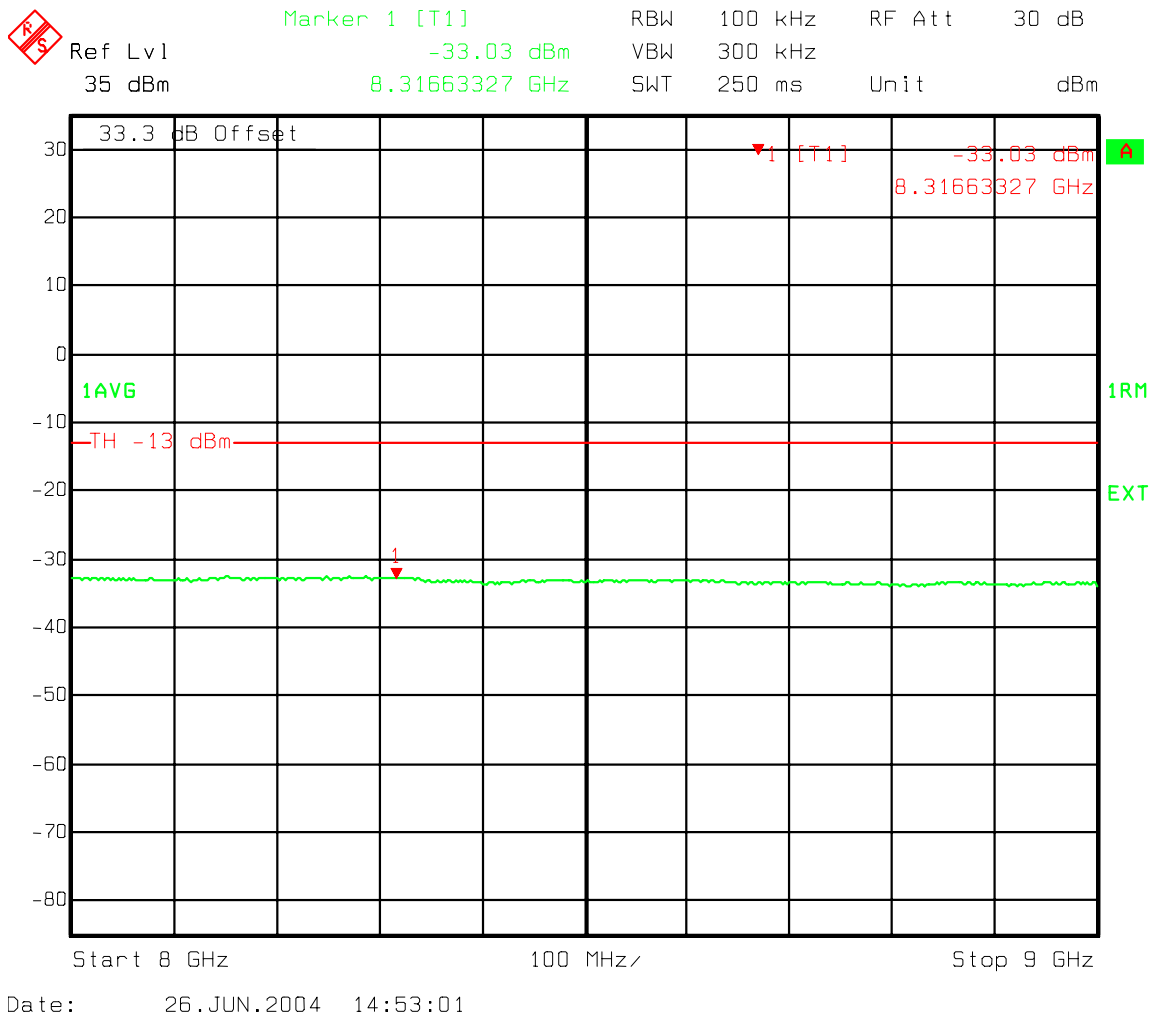


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**Figure 113 : Three Carriers IS856 16QAM - B Band Spurious emissions 7000-8000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

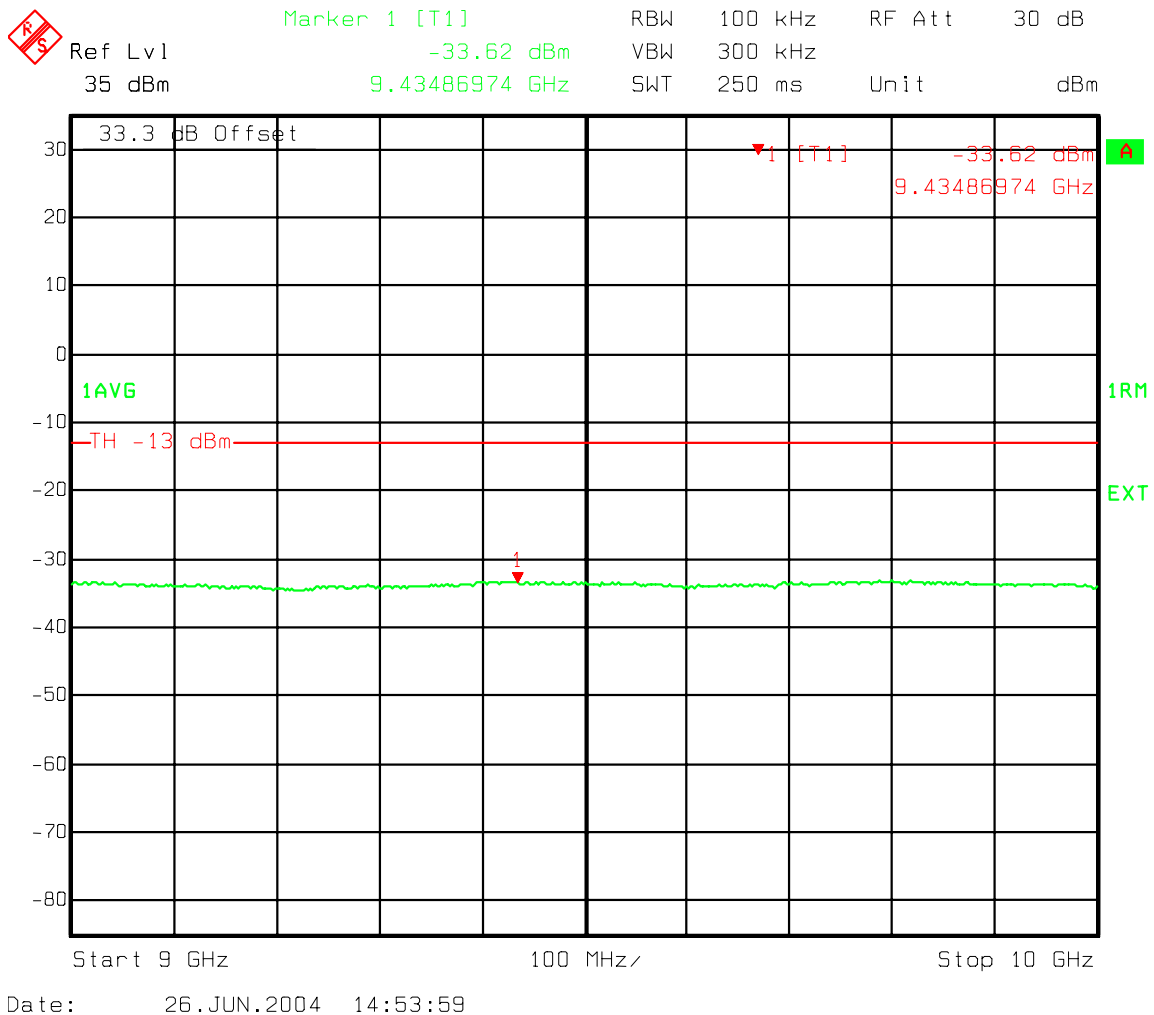
**B Band IS856-16QAM Spurious emissions 8000-9000 MHz**



**Figure 114 : Three Carriers IS856 16QAM - B Band Spurious emissions 8000-9000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-16QAM**

**B Band IS856-16QAM Spurious emissions 9000-10000 MHz**

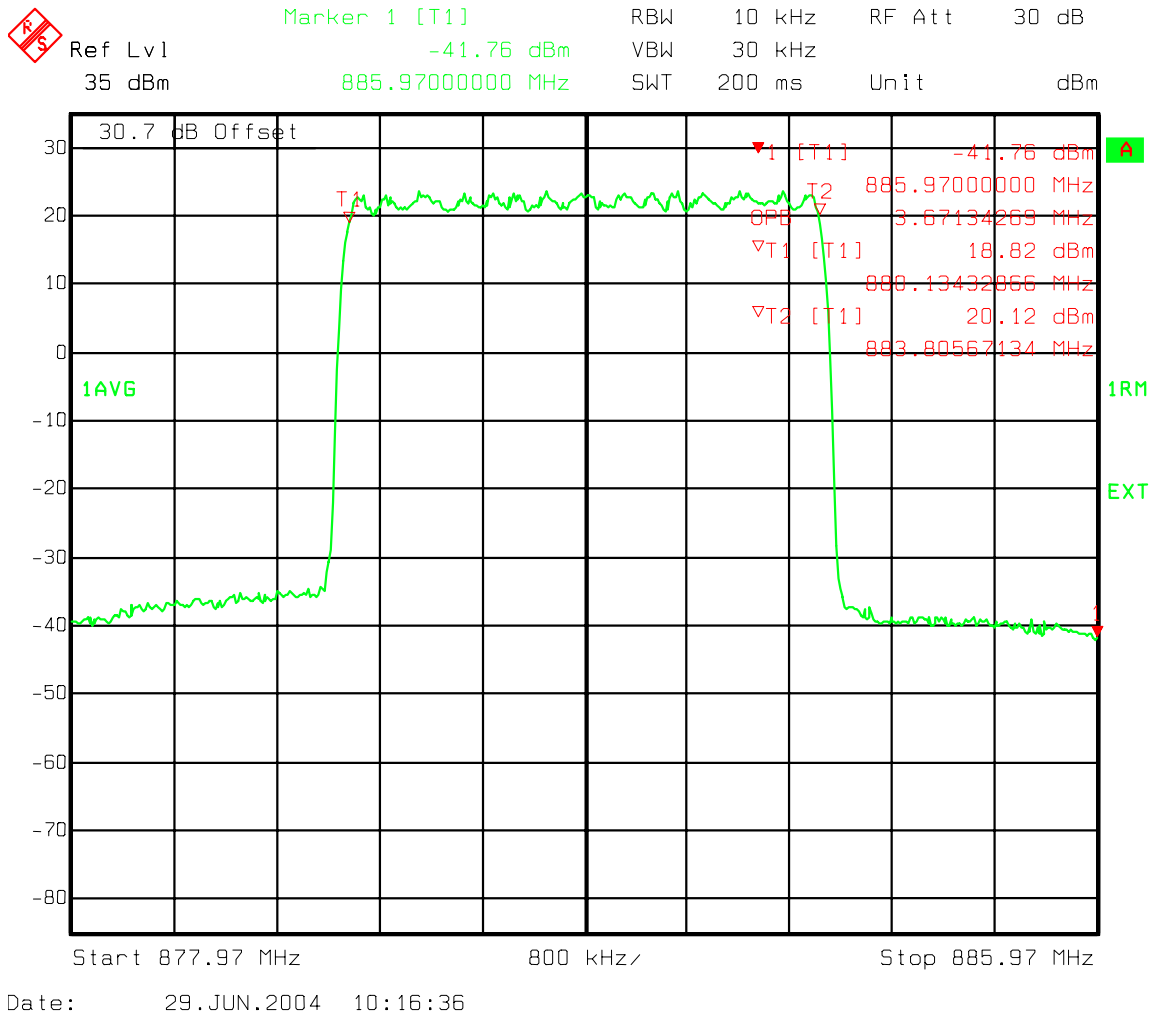


**Figure 115 : Three Carriers IS856 16QAM - B Band Spurious emissions 9000-10000 MHz**

# 10 Appendix F - Two Carriers IS-856 16QAM, One Carrier IS-95 Spurious Emission

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

**Occupied Bandwidth Ch 358, 399, 440 Band B**

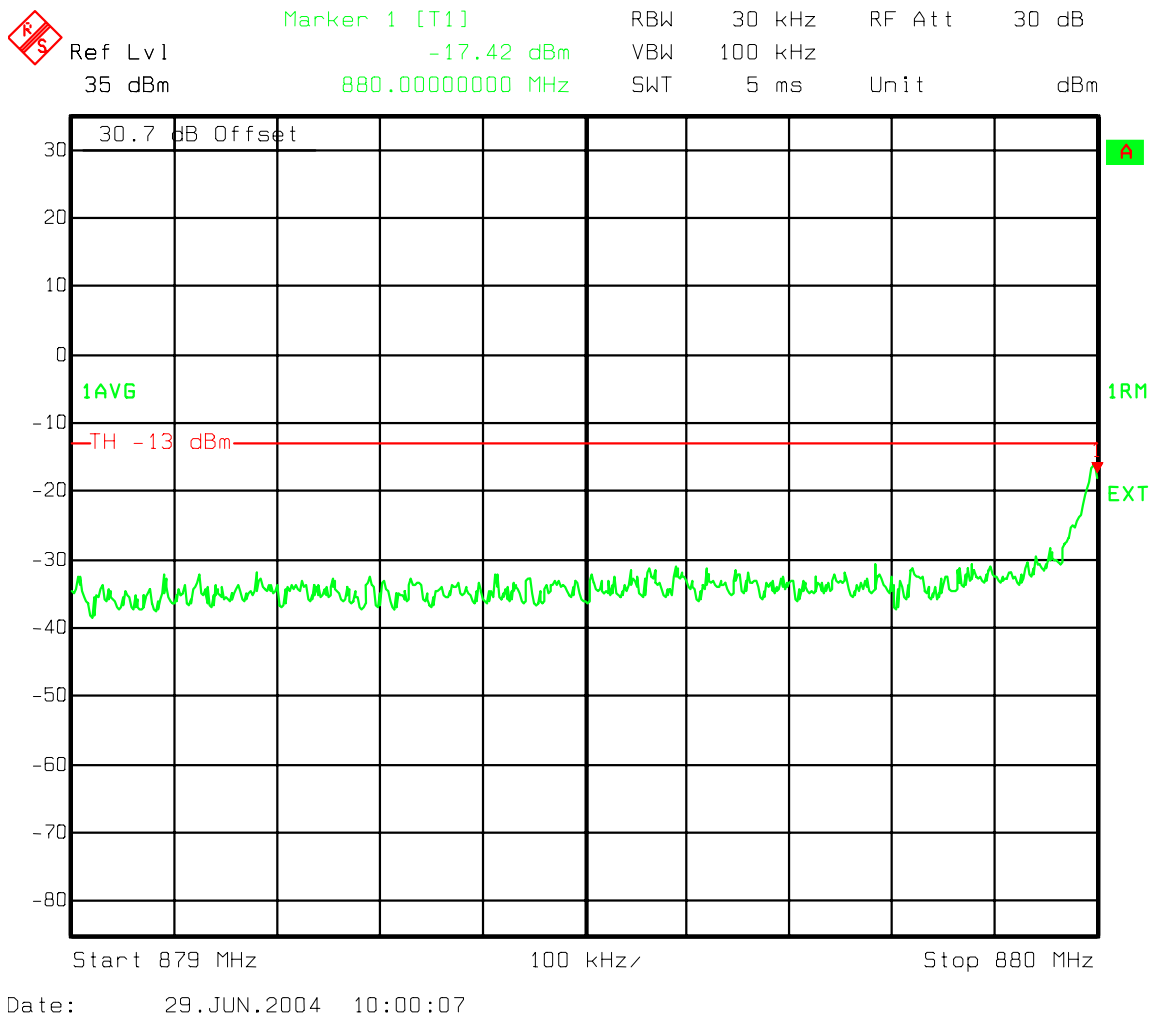


**Figure 116 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Occupied Bandwidth Ch 358, 399, 440 Band B**



**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

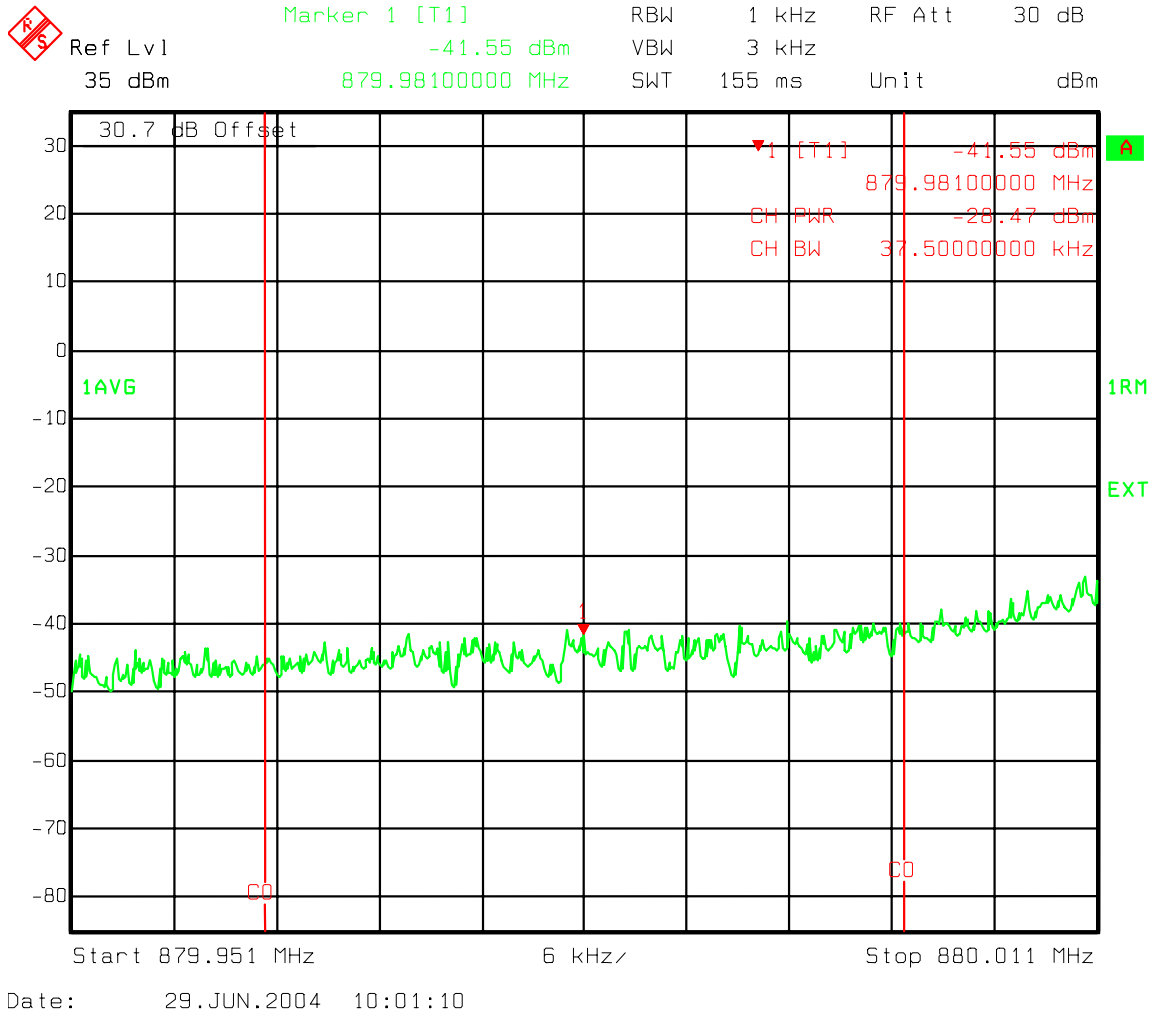
**B Band Ch 358, 399, 440 IS856/IS95 Adjacent 1Mhz Lower emissions 879-880MHz**



**Figure 117 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Ch 358, 399, 440 IS856 Adjacent 1MHz Lower emissions 879-880MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

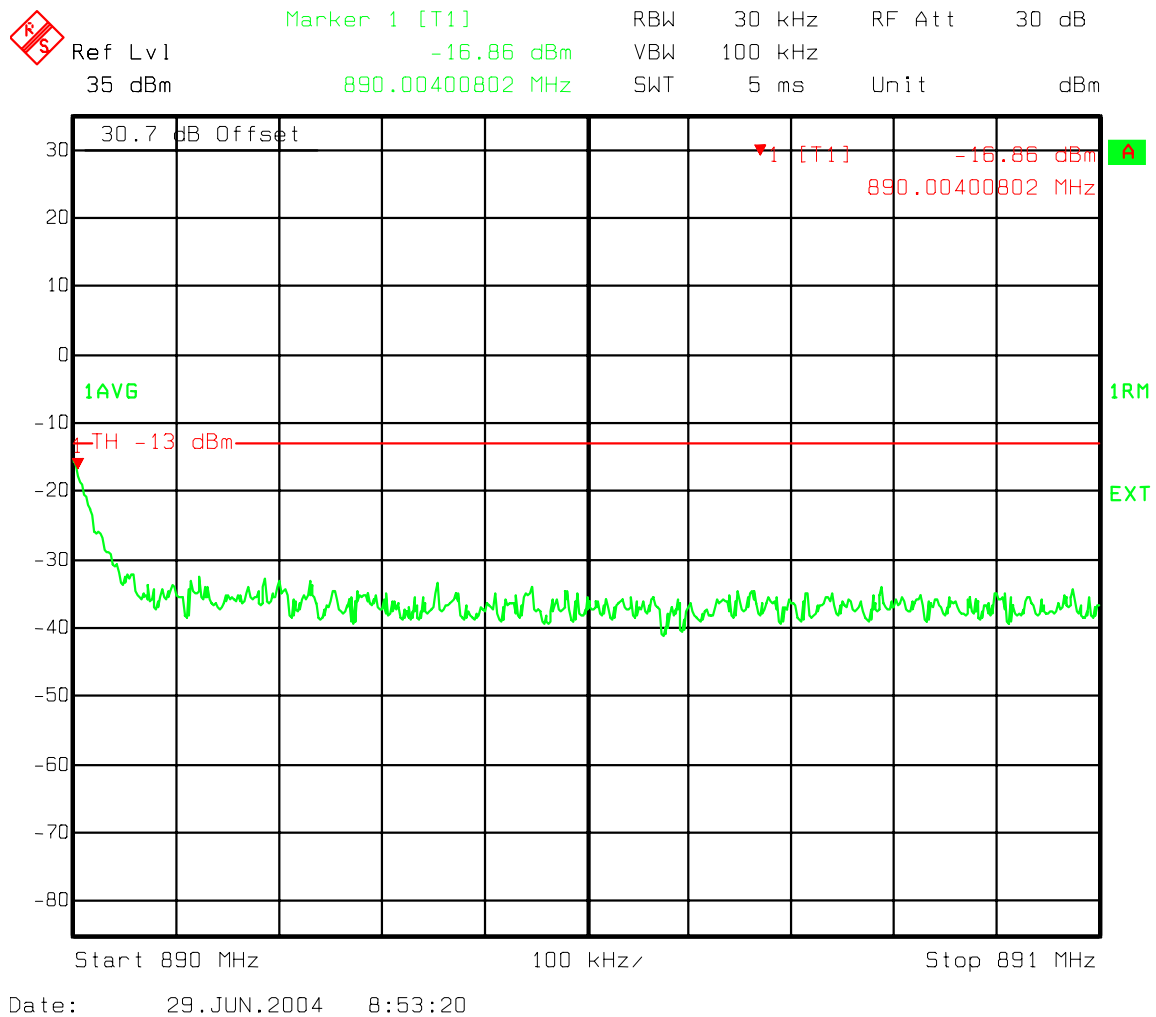
**B Band Ch358, 399, 440 IS856/IS95 Channel power Adjacent 37.5 kHz Lower emissions to 880 MHz**



**Figure 118 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Ch 358, 399, 440 IS856 Lower B Band Adjacent to outside edge 37.5kHz band Channel Power**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

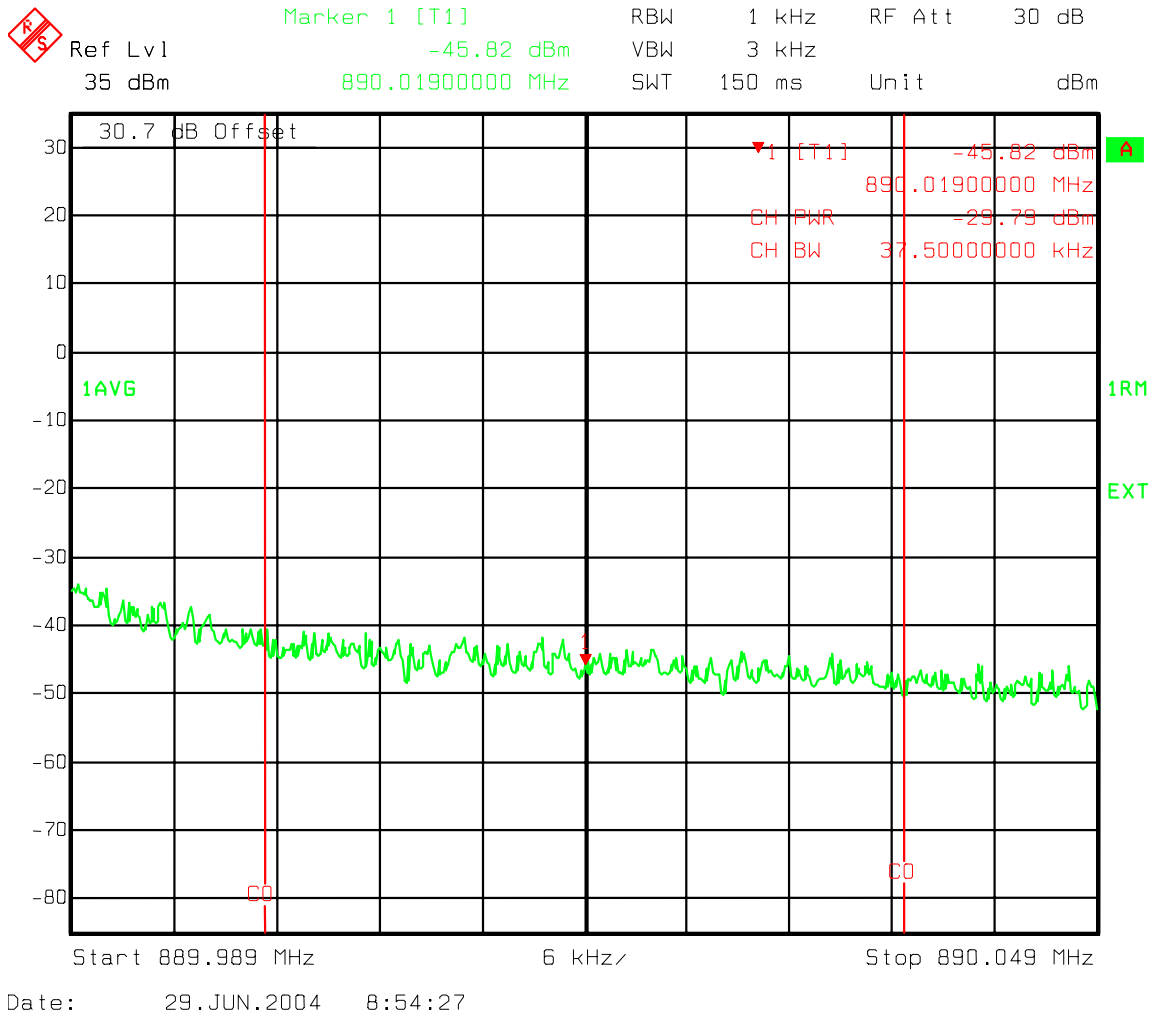
**Ch560, 601, 642 Upper B Band adjacent 1MHz band emissions**



**Figure 119 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Ch 560, 601, 642 Upper B Band adjacent 1 MHz band emissions 890-891 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

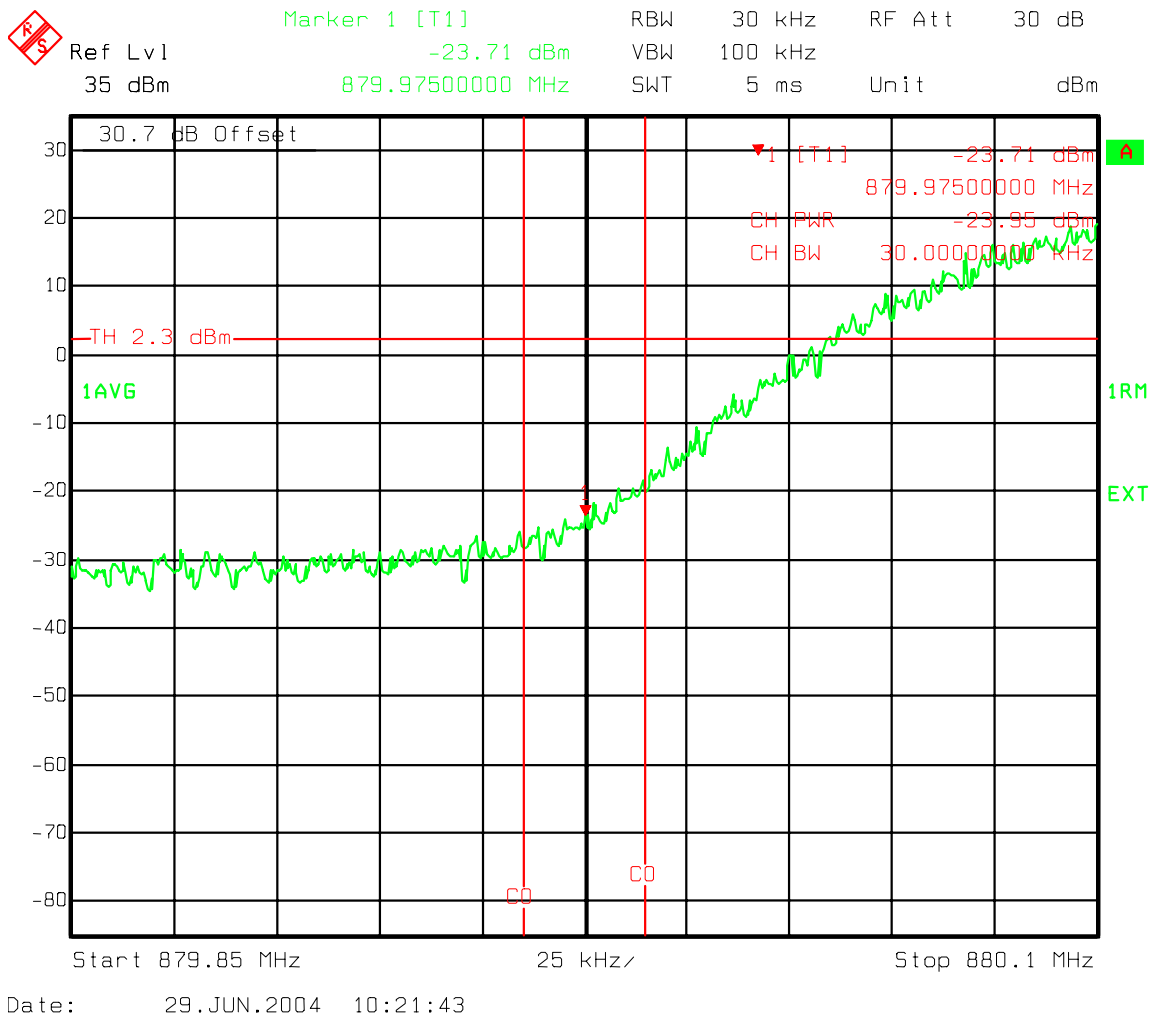
**Ch560, 601, 642 Upper adjacent 1MHz band 37.5 kHz band Channel power**



**Figure 120 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Ch 560, 601, 642 Upper B Band adjacent to outside edge 37.5 kHz band Channel power**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

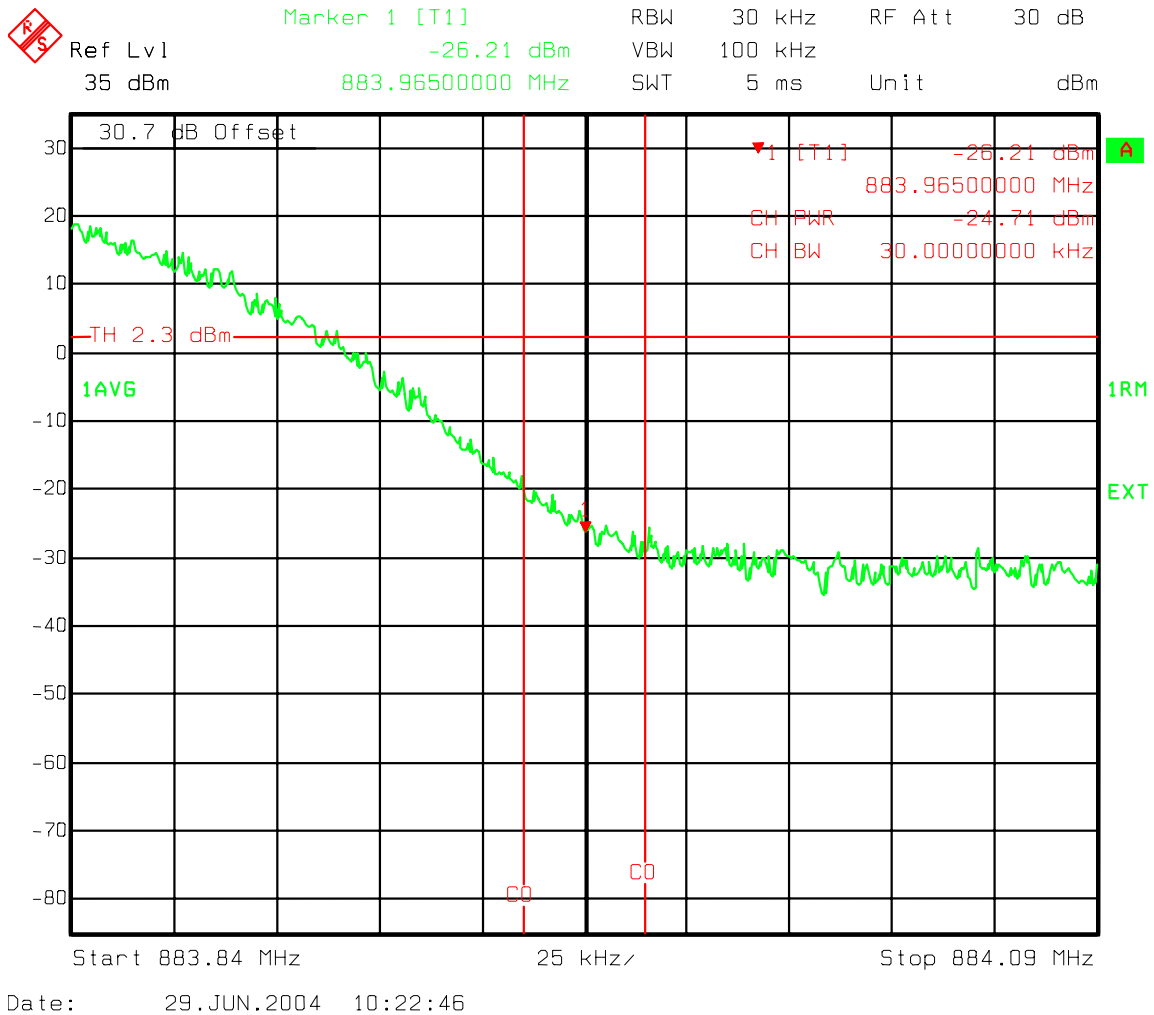
**Industry Canada Lower 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 121 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Industry Canada Lower 750 kHz offset 30 kHz Chan Power Ch 358, 399, 440**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

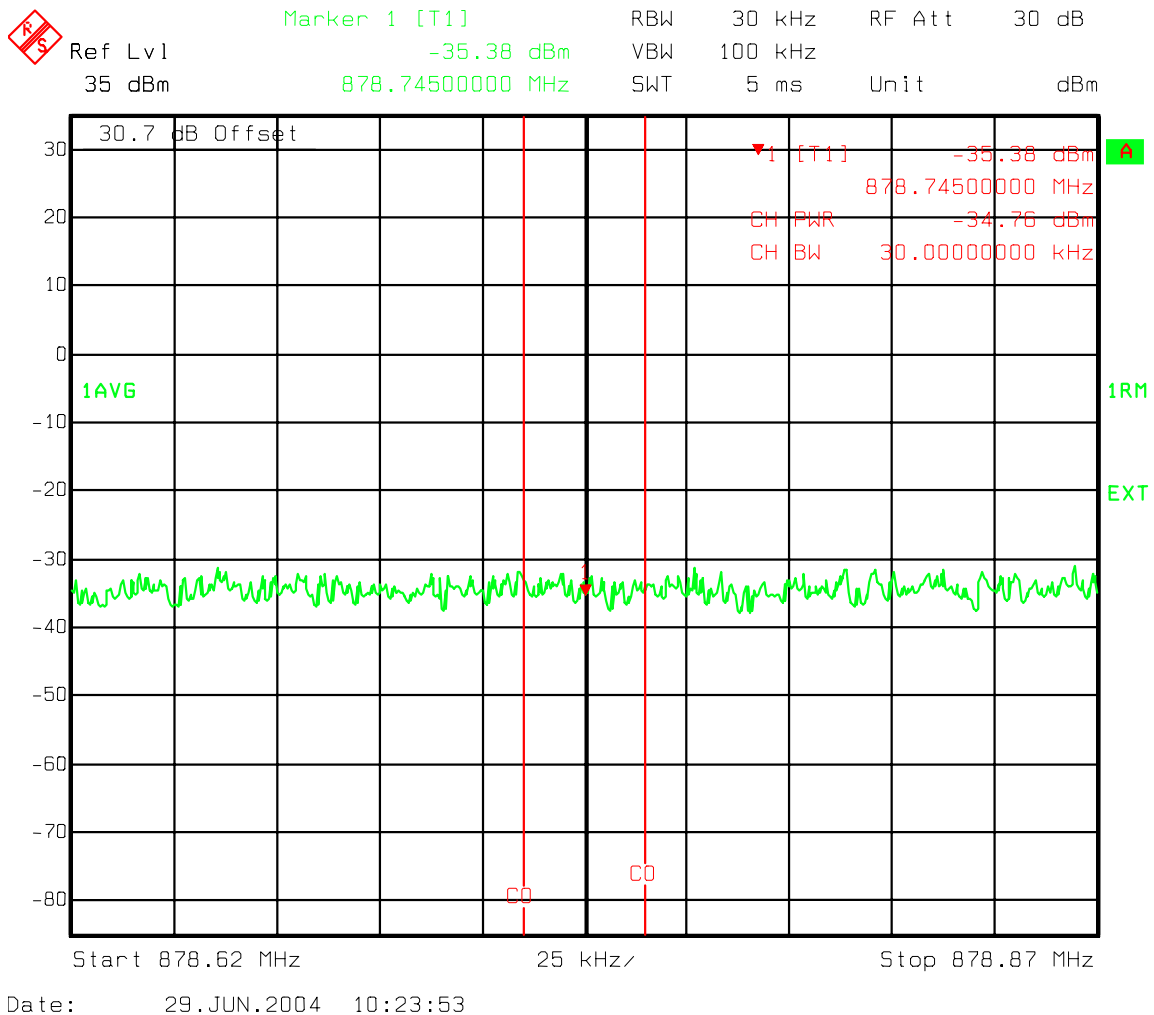
**Industry Canada Upper 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 122 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Industry Canada Upper 750 kHz offset 30 kHz Chan Power Ch 358, 399, 440**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

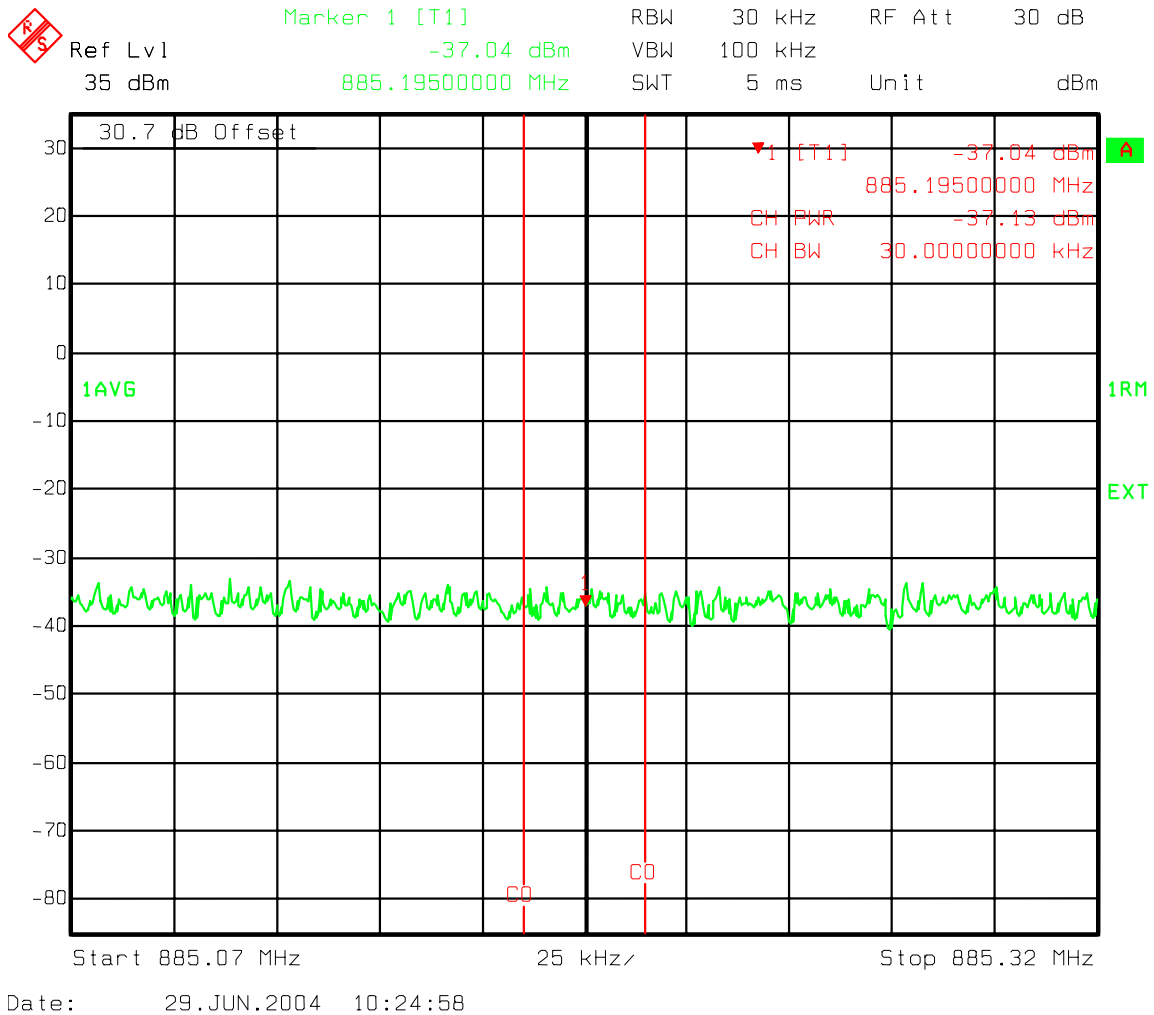
**Industry Canada 1.98 MHz offset Lower 30kHz Chan Power Ch 358, 399, 440**



**Figure 123 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Industry Canada 1.98 MHz offset Lower 30 kHz Chan Power Ch 358, 399, 440**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

**Industry Canada 1.98 MHz offset Upper 30kHz Chan Power Ch 358, 399, 440**

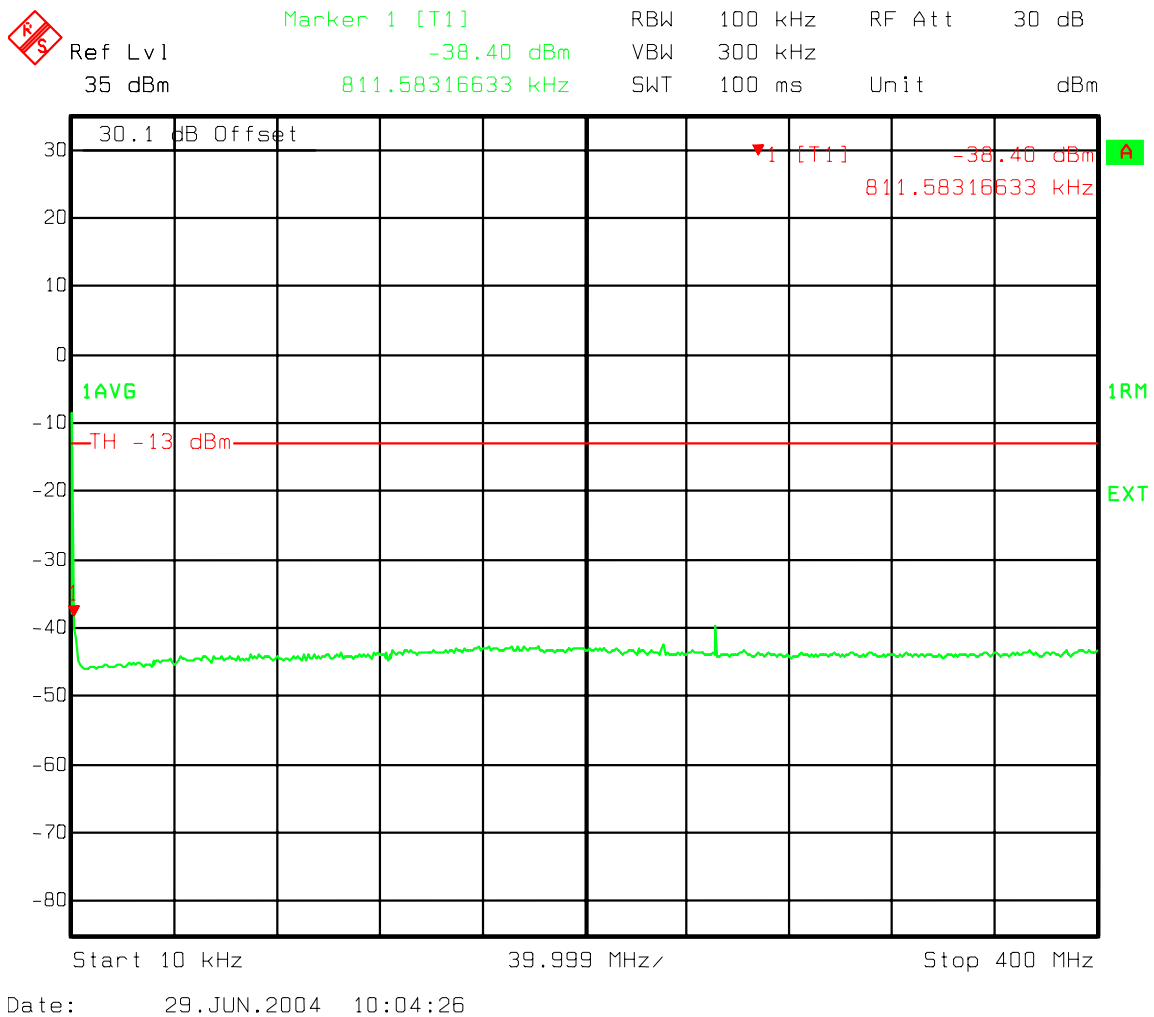


**Figure 124 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - Industry Canada 1.98 MHz offset Upper 30 kHz Chan Power Ch 358, 399, 440**



**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

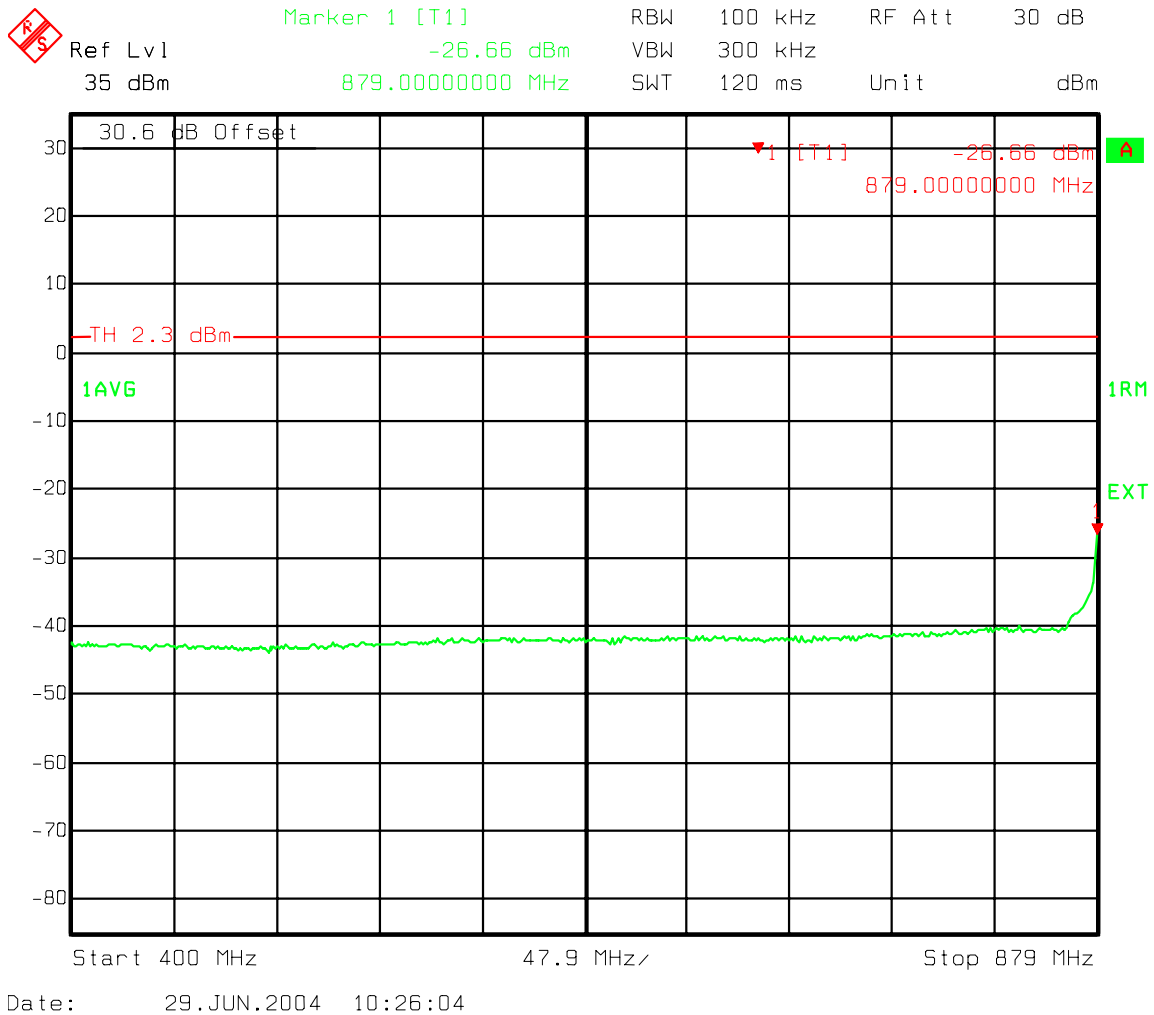
**B Band IS856/IS95 Spurious emissions 10kHz-400 MHz**



**Figure 125 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 10kHz-400 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

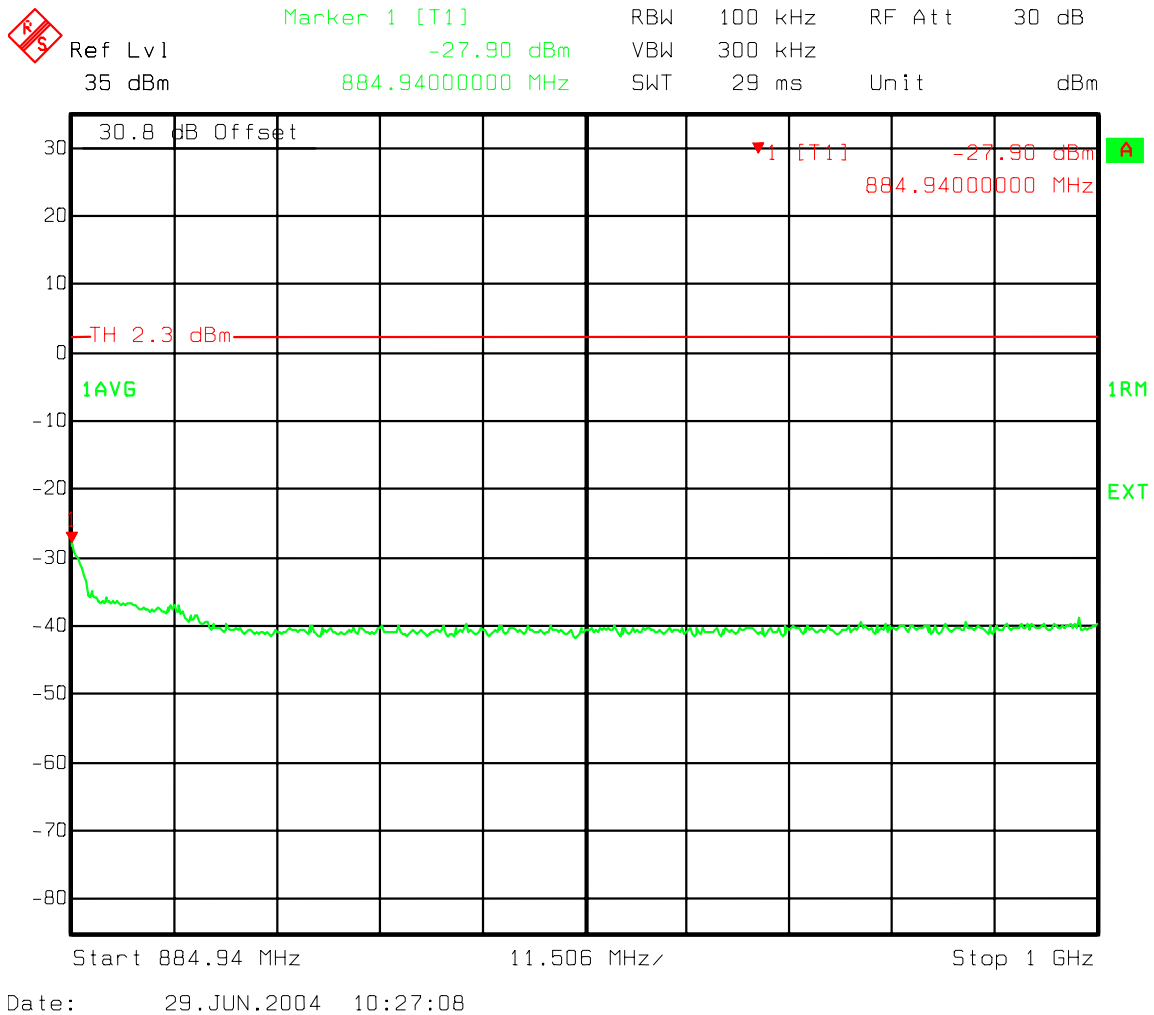
**B Band IS856/IS95 Spurious emissions 400MHz to Lower 1MHz Band Edge**



**Figure 126 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 400 MHz to Lower 1 MHz Band Edge**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

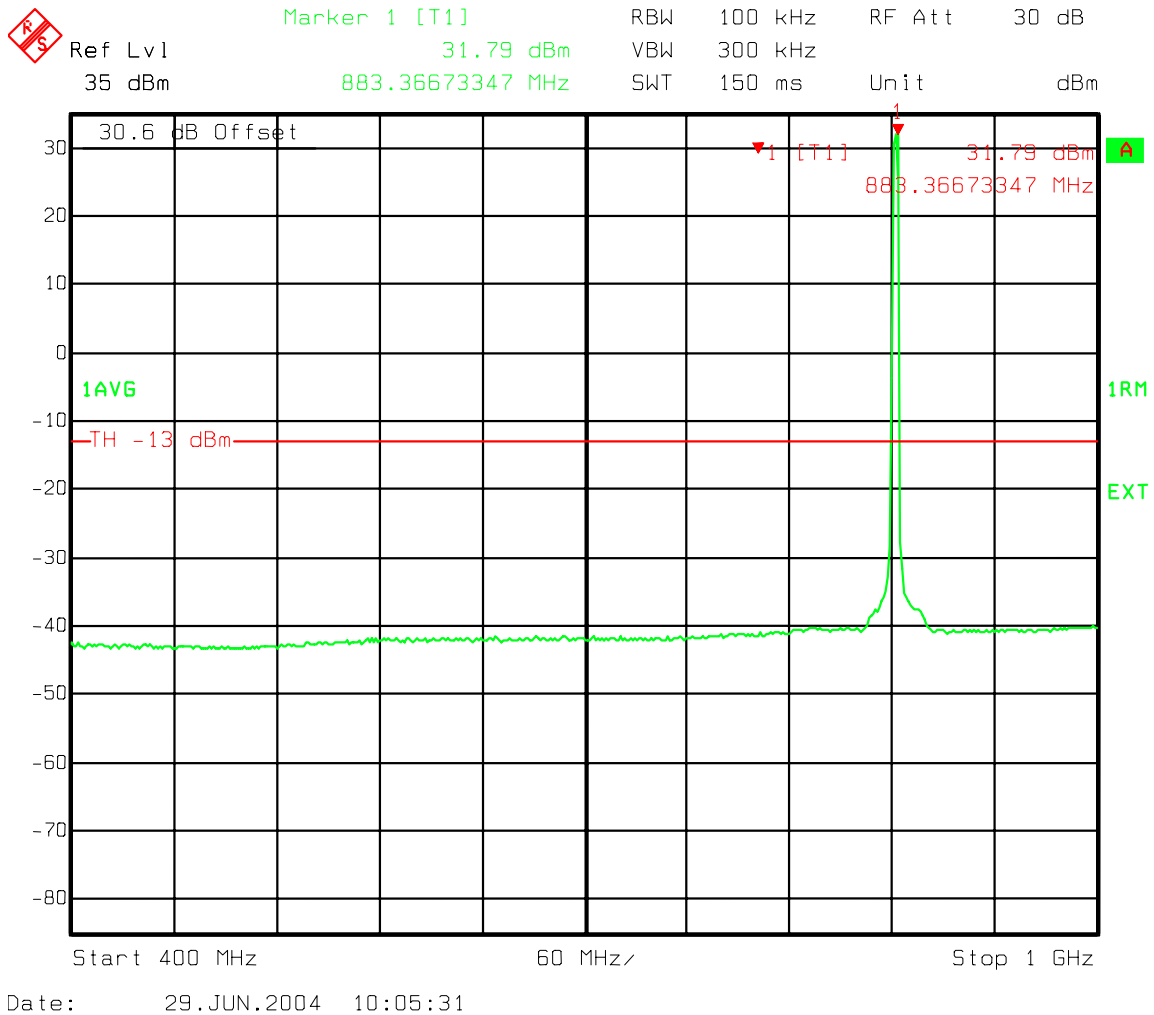
**B Band IS856/IS95 Spurious emissions Upper 1MHz Band Edge to 1GHz**



**Figure 127 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions Upper 1 MHz Band Edge to 1 GHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

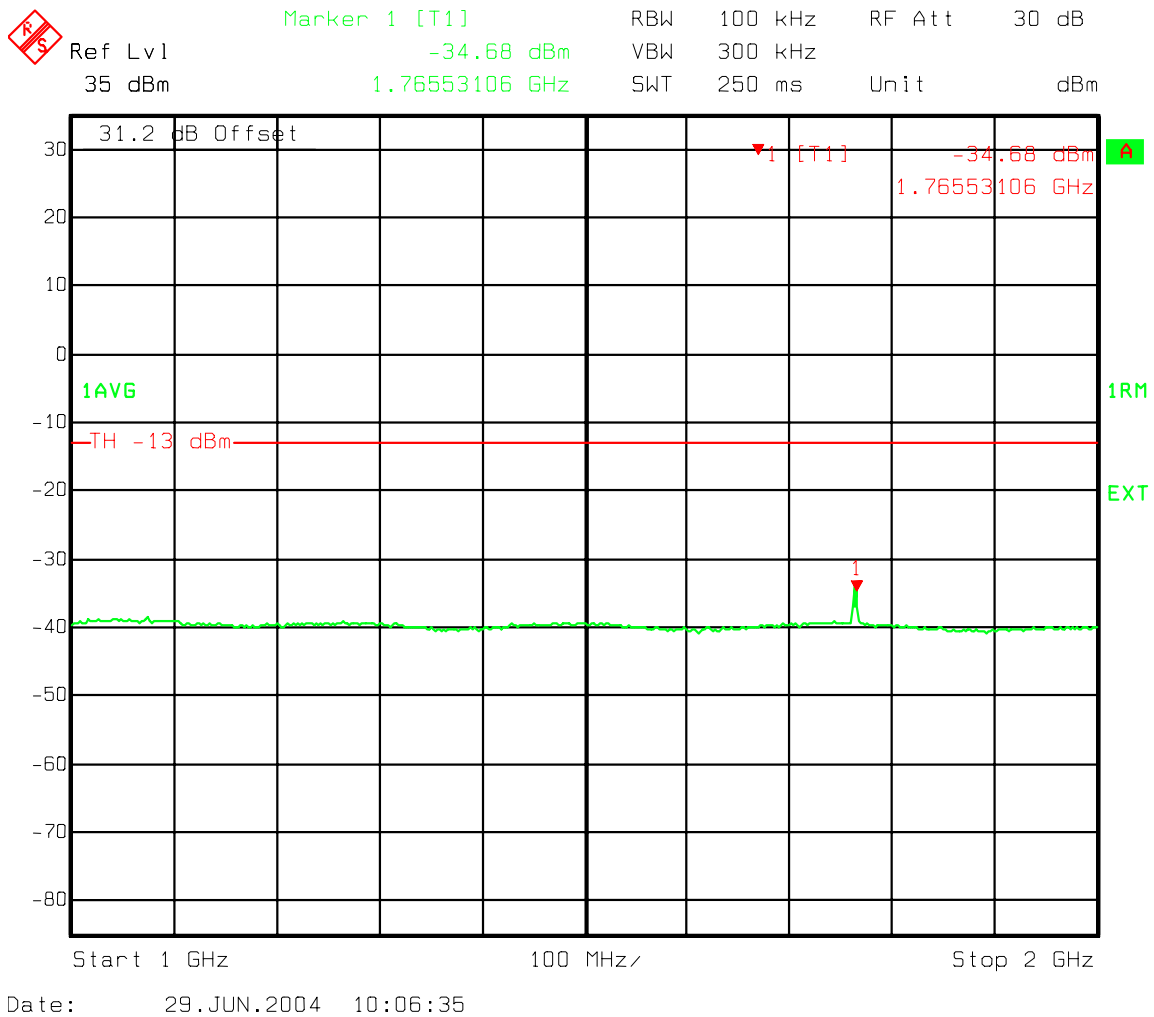
**B Band IS856/IS95 Spurious emissions 400-1000 MHz**



**Figure 128 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 400-1000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

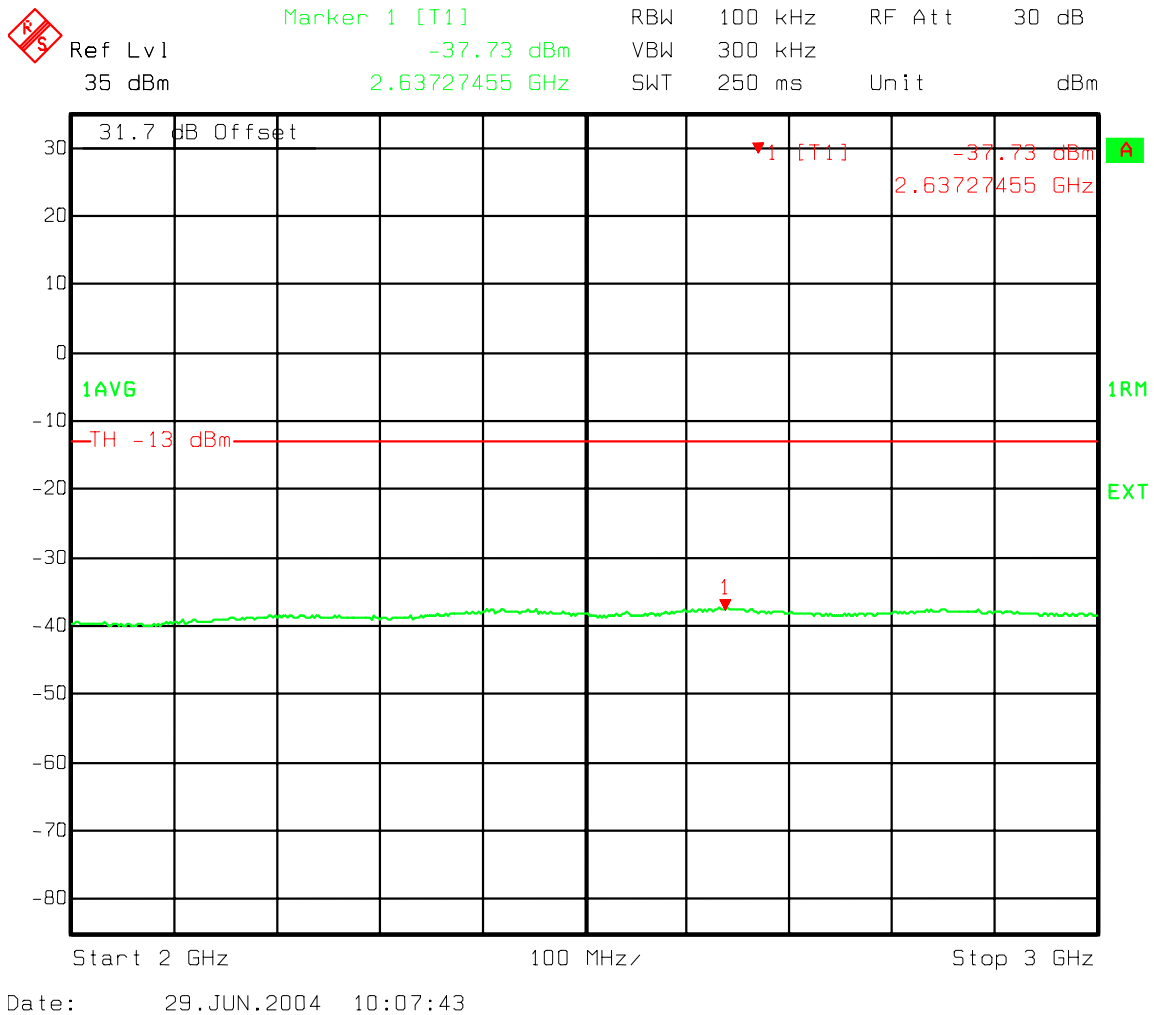
**B Band IS856/IS95 Spurious emissions 1000-2000 MHz**



**Figure 129 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 1000-2000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

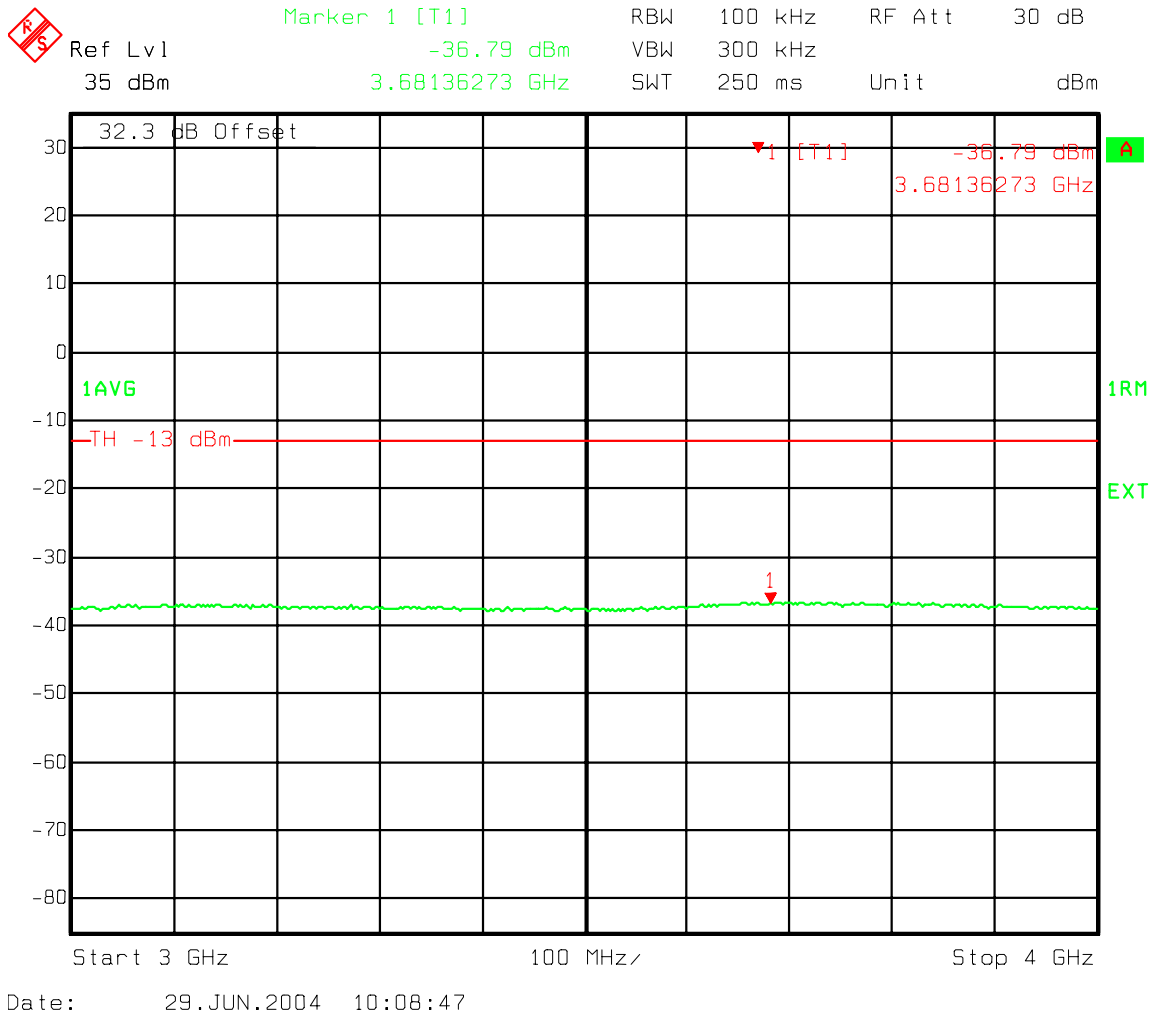
**B Band IS856/IS95 Spurious emissions 2000-3000 MHz**



**Figure 130 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 2000-3000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

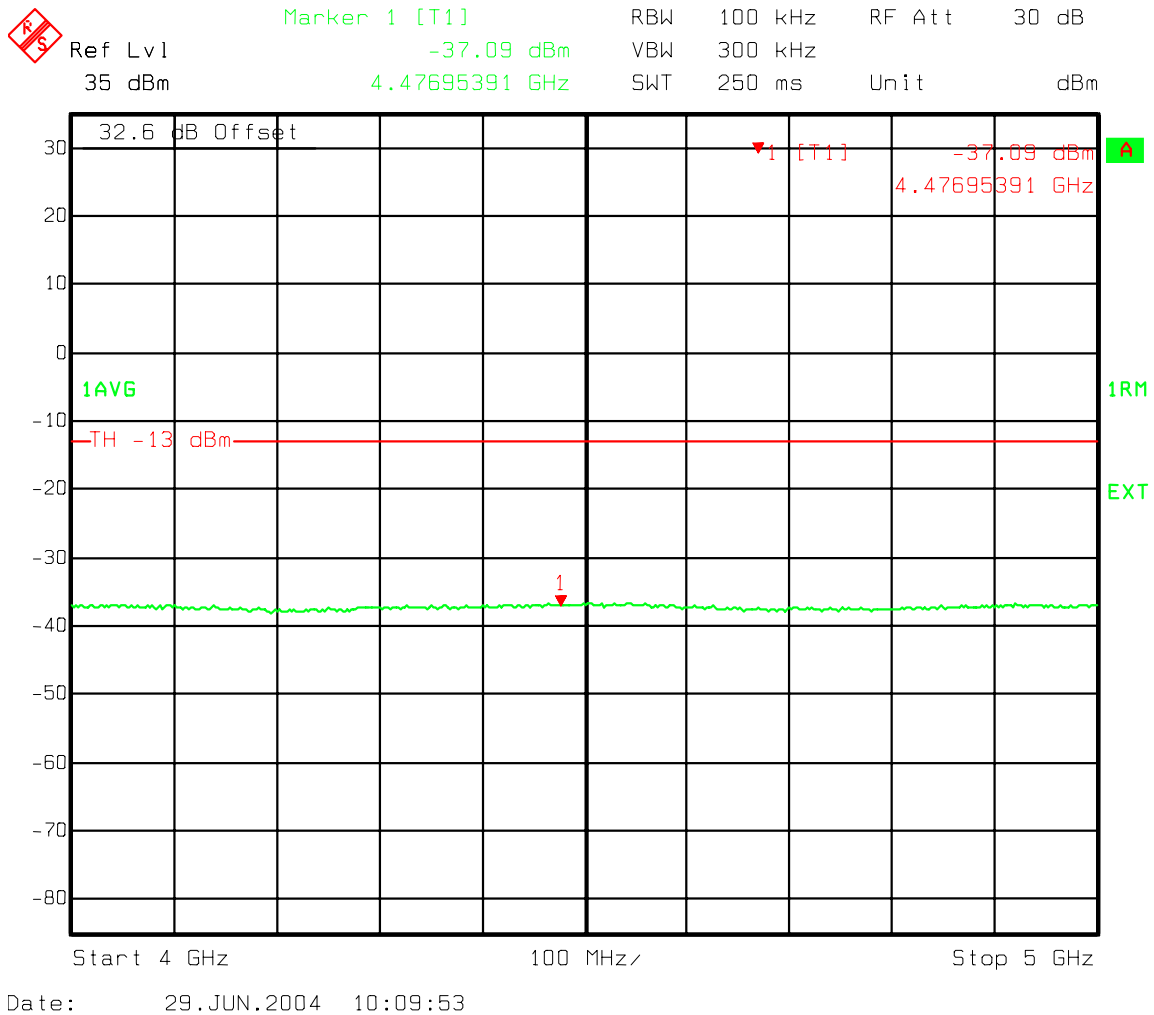
**B Band IS856/IS95 Spurious emissions 3000-4000 MHz**



**Figure 131 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 3000-4000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

**B Band IS856/IS95 Spurious emissions 4000-5000 MHz**

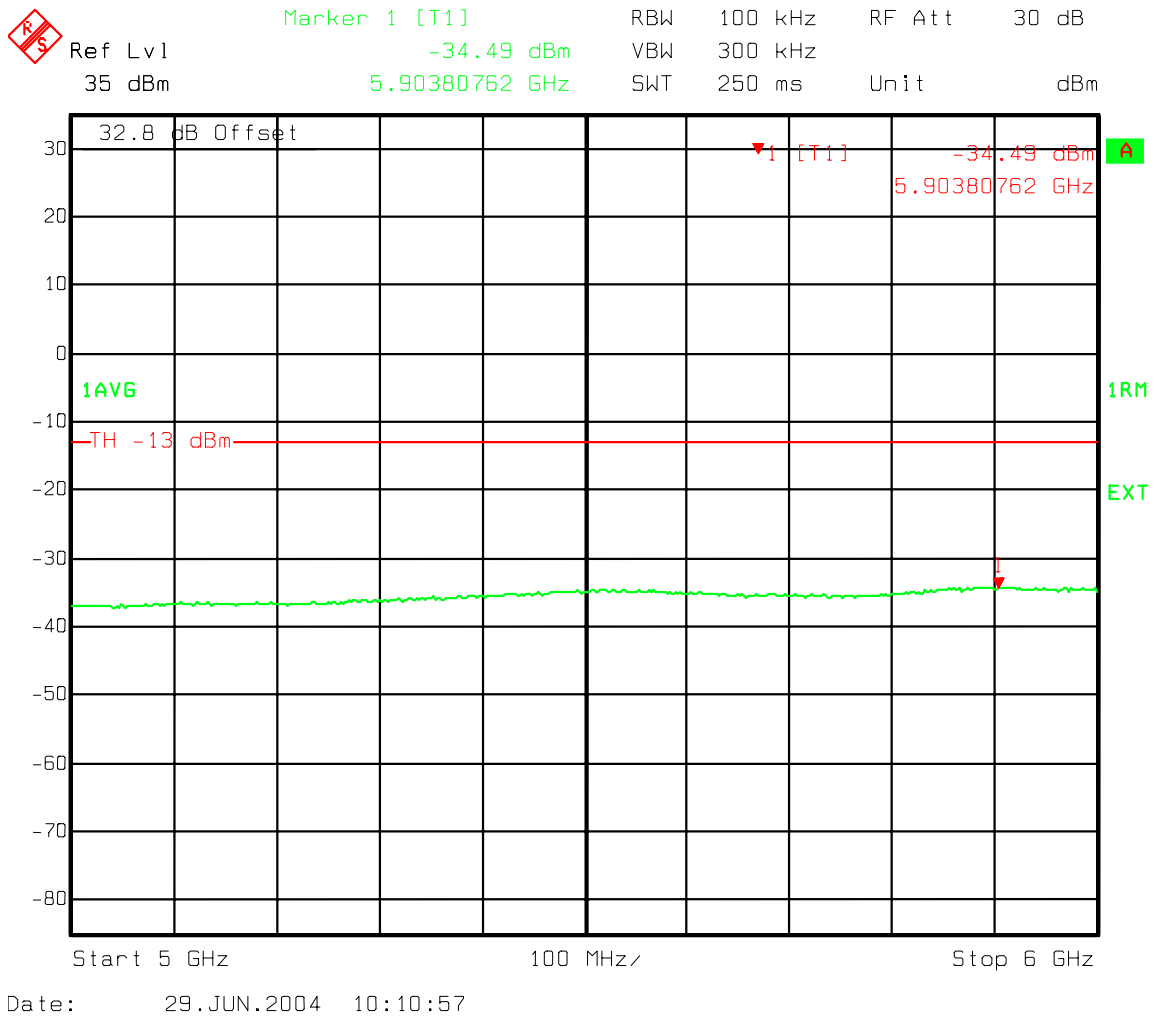


**Figure 132 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 4000-5000 MHz**



**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

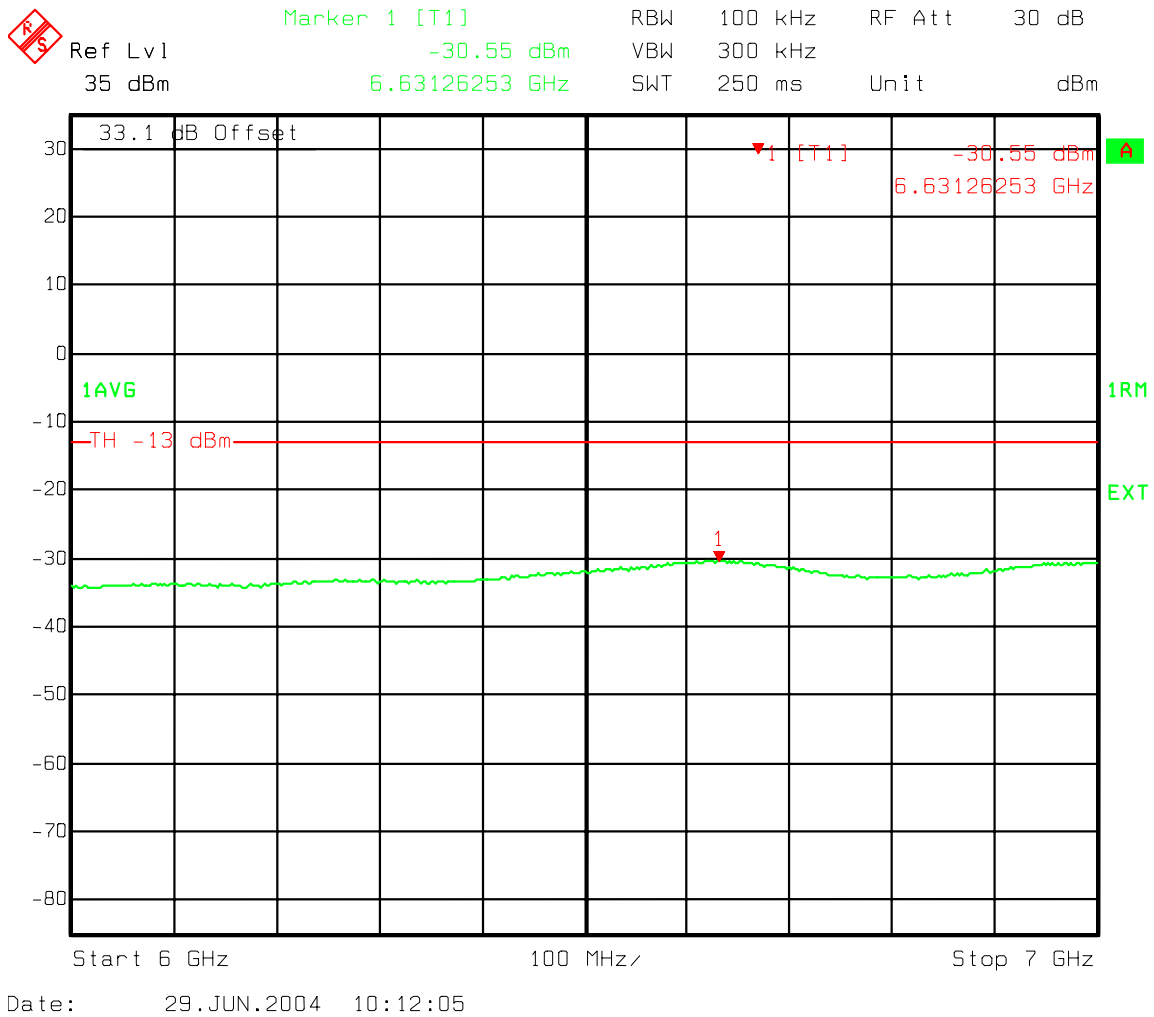
**B Band IS856/IS95 Spurious emissions 5000-6000 MHz**



**Figure 133 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 5000-6000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

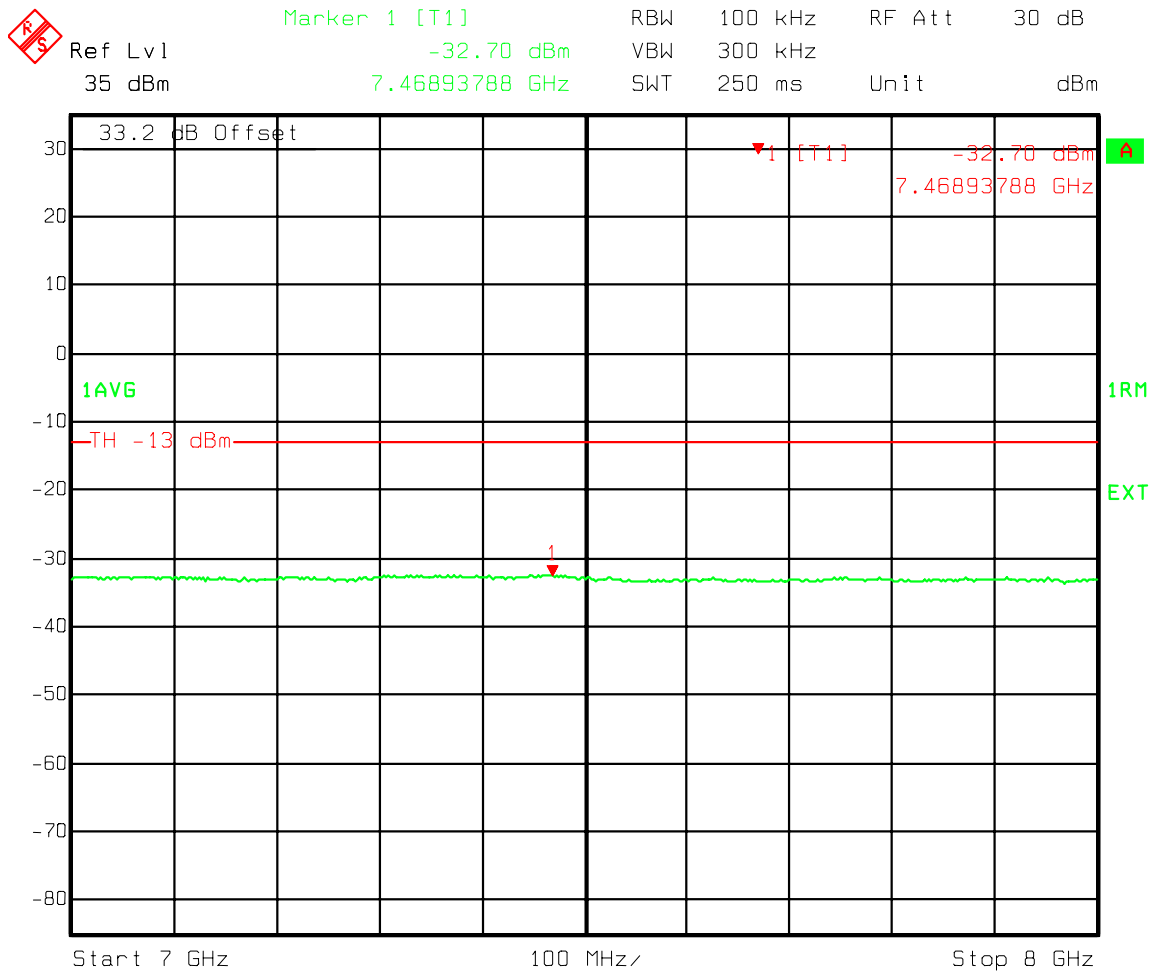
**B Band IS856/IS95 Spurious emissions 6000-7000 MHz**



**Figure 134 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 6000-7000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

**B Band IS856/IS95 Spurious emissions 7000-8000 MHz**

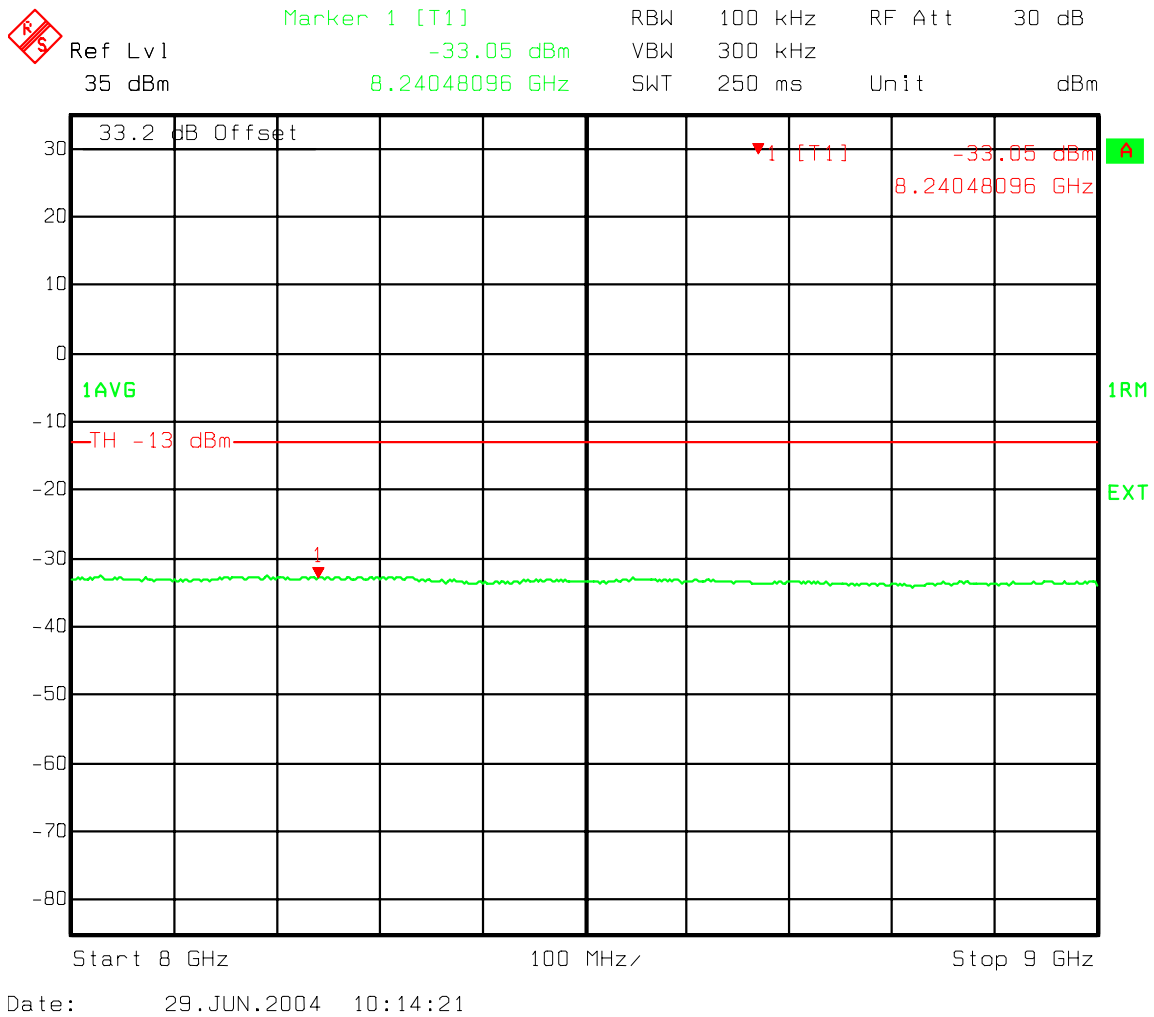


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**Figure 135 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 7000-8000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

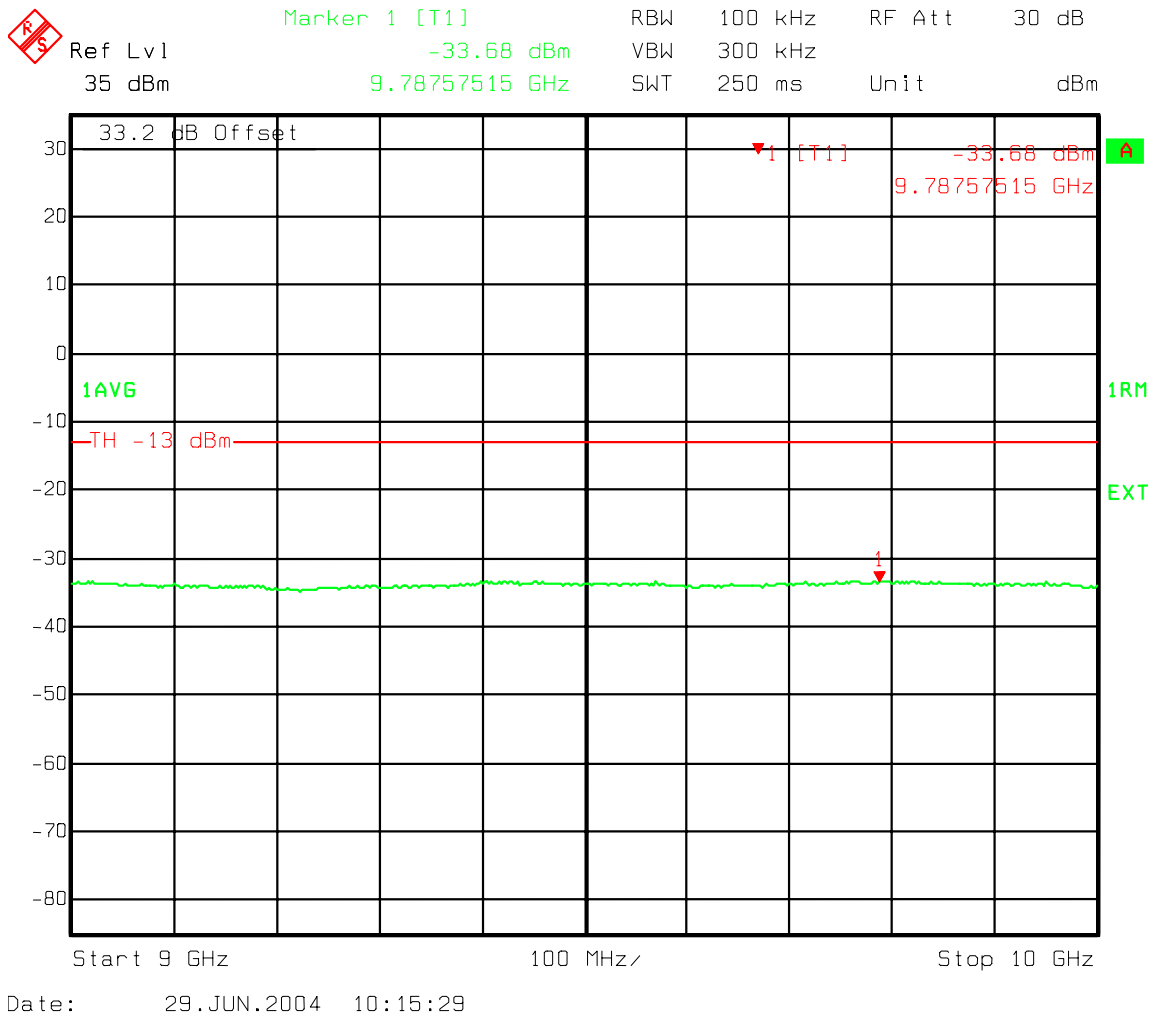
**B Band IS856/IS95 Spurious emissions 8000-9000 MHz**



**Figure 136 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 8000-9000 MHz**

**Combination Three Carrier 358 and 399 (IS-856 16QAM), 440 (IS95) Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port band B**

**B Band IS856/IS95 Spurious emissions 9000-10000 MHz**

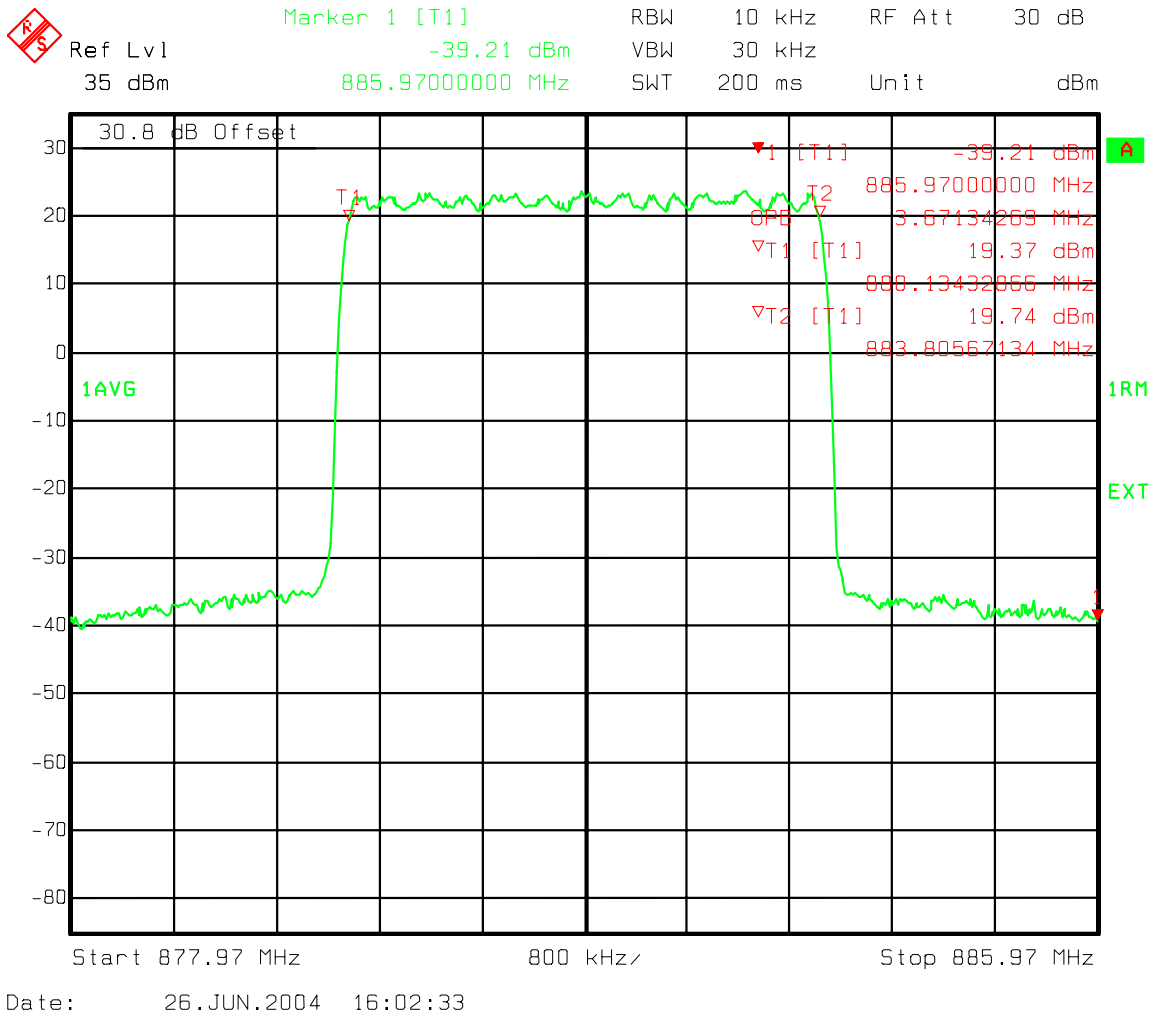


**Figure 137 : Combination Three Carriers 2-IS856 16QAM, 1-IS95 - B Band Spurious emissions 9000-10000 MHz**

# 11 Appendix G - Three Carriers IS-856 8PSK Spurious Emission

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

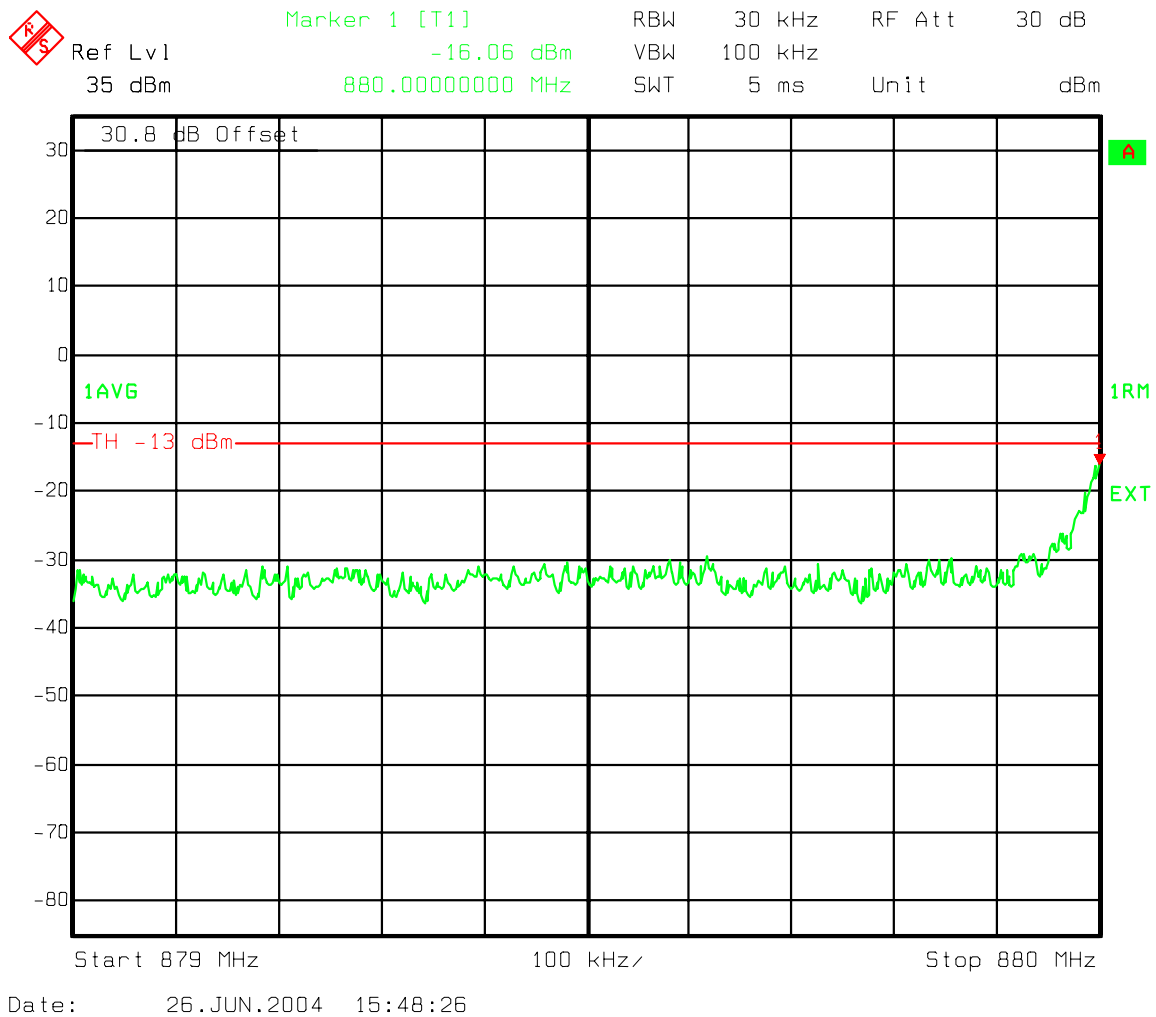
**Occupied Bandwidth Ch 358, 390, 440 Band B IS856-8PSK**



**Figure 138 : Three Carriers IS856 8PSK - Occupied Bandwidth Ch 358, 399, 440 Band B**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

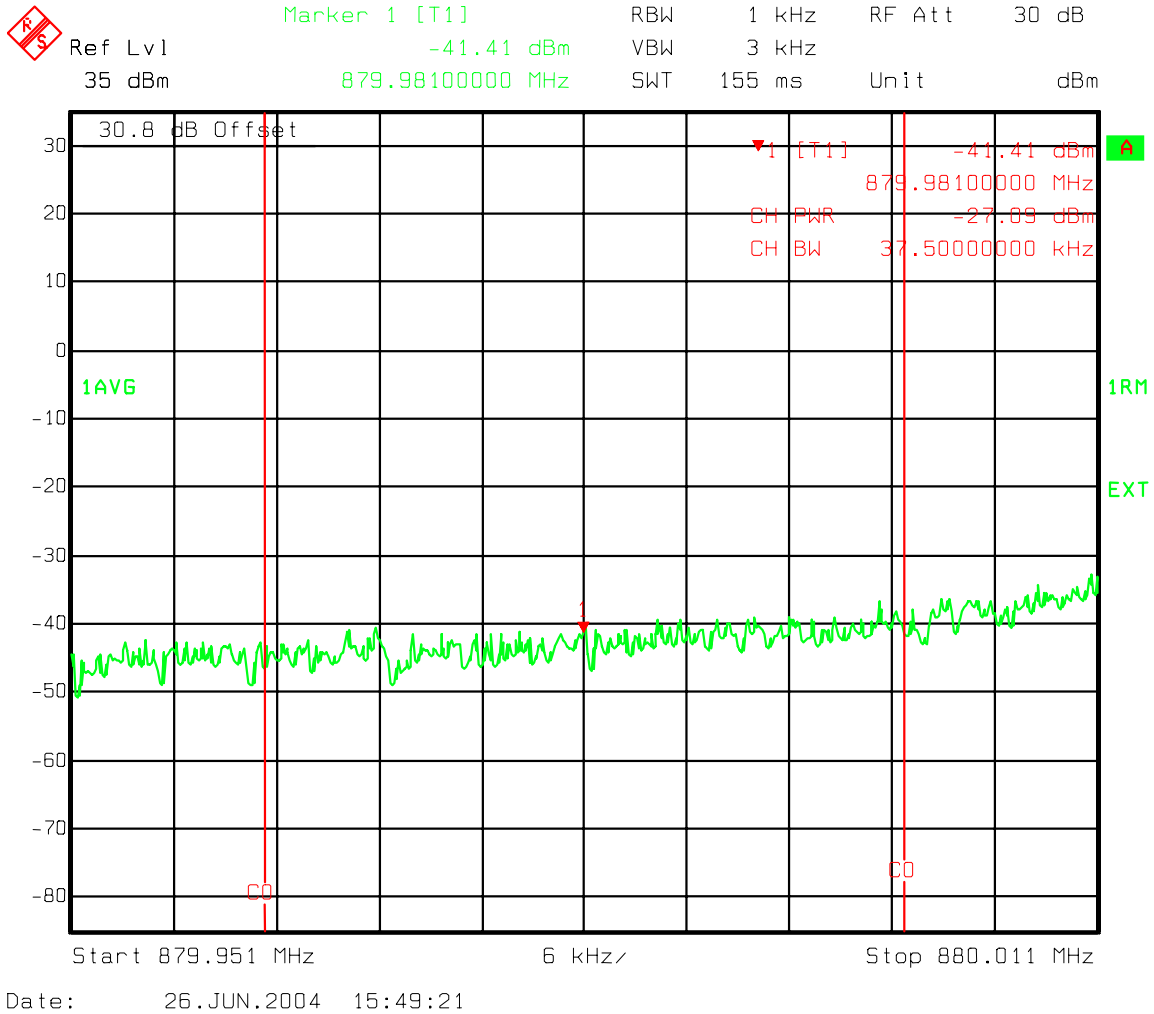
**B Band Ch 358, 399, 440 IS856-8PSK Adjacent 1Mhz Lower emissions 879-880MHz**



**Figure 139 : Three Carriers IS856 8PSK - B Band Ch 358, 399, 440 IS856 Adjacent 1MHz  
 Lower emissions 879-880MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band Ch358, 399, 440 IS856-8PSK Channel power Adjacent 37.5 kHz Lower  
 emissions to 880 MHz**

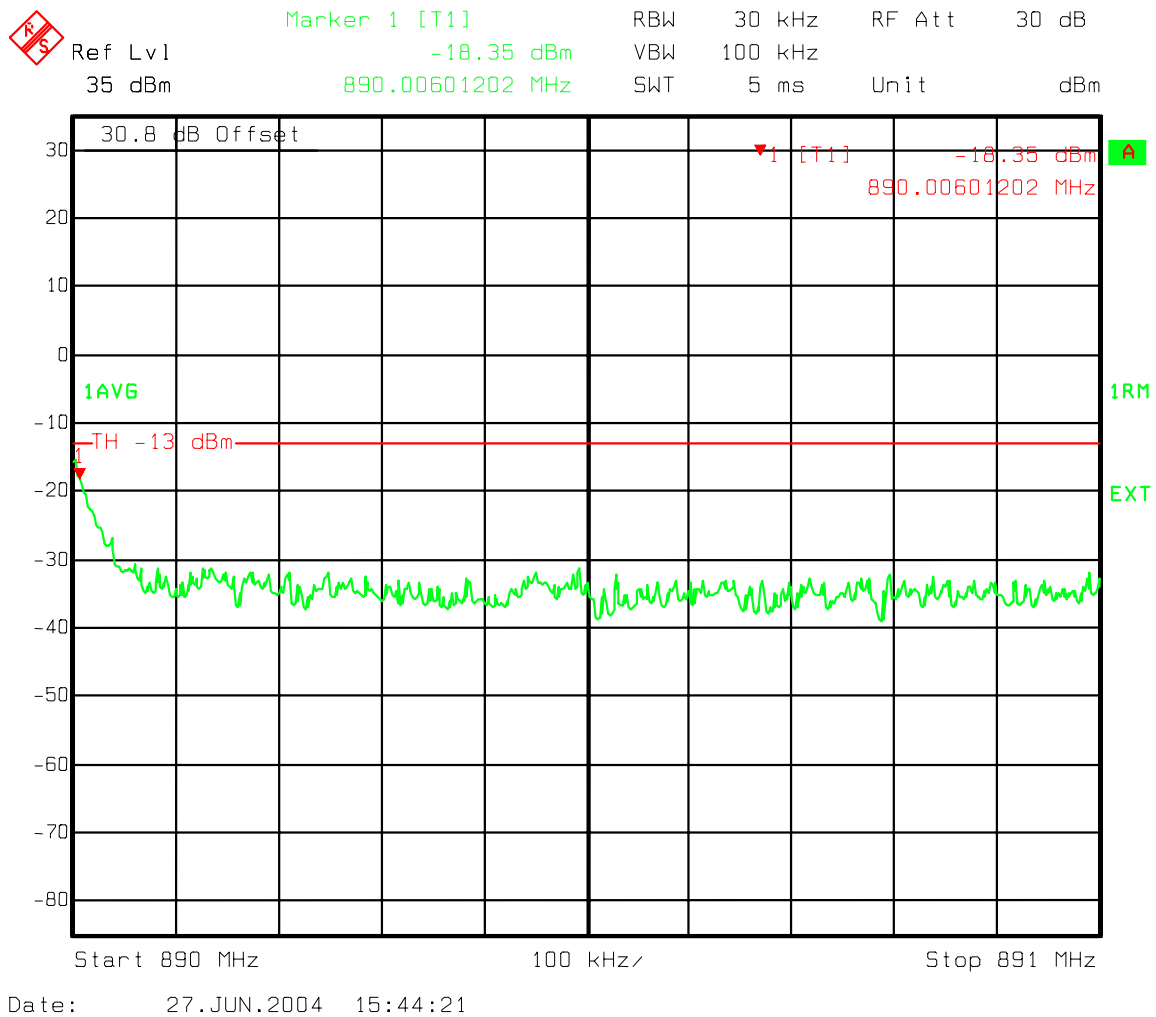


**Figure 140 : Three Carriers IS856 8PSK - Ch 358, 399, 440 IS856 Lower B Band Adjacent  
 to outside edge 37.5kHz band Channel Power**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

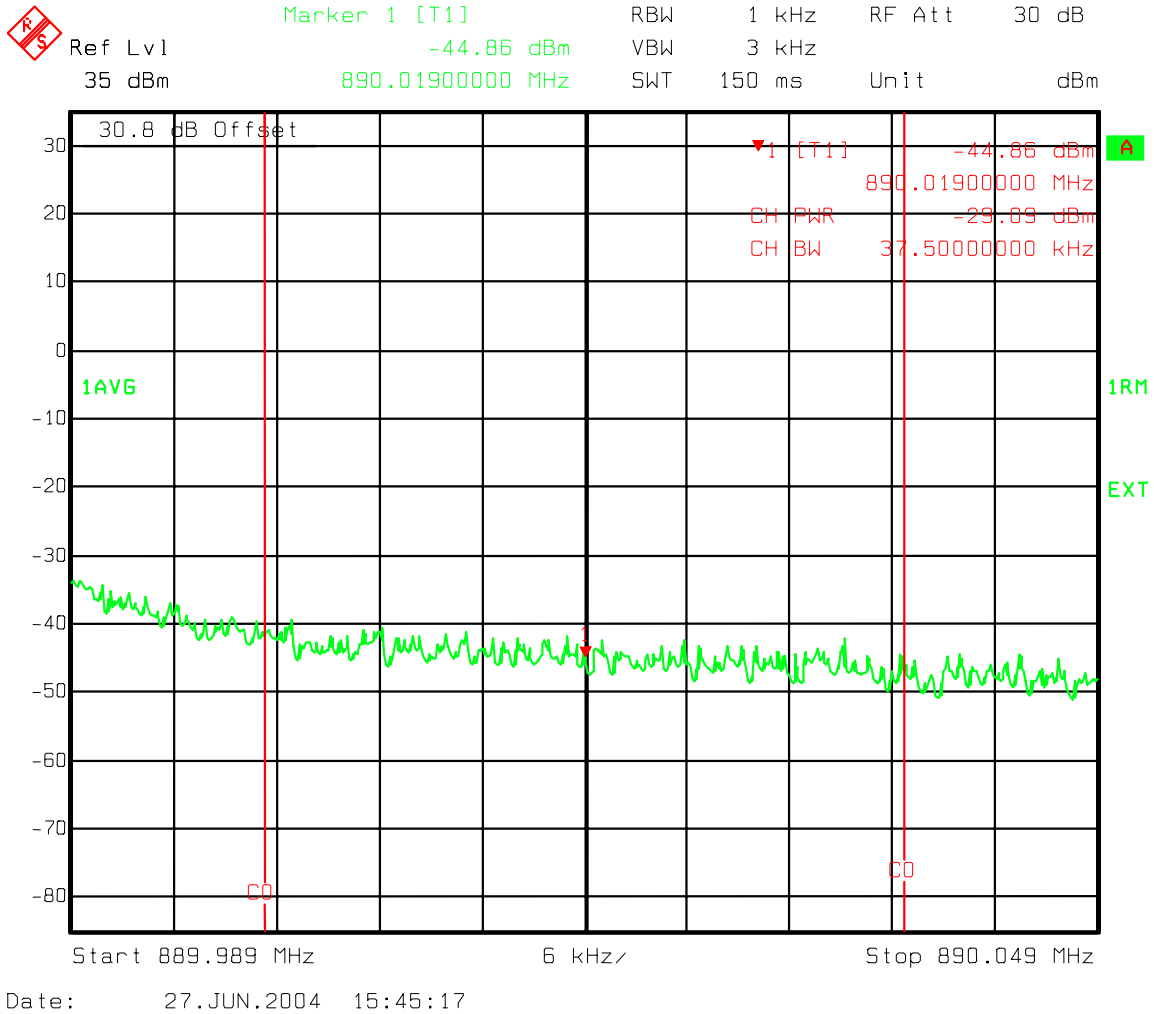
**Ch 560, 601, 642 Upper B Band adjacent 1MHz band emissions 890-891 MHz**



**Figure 141 : Three Carriers IS856 8PSK - Ch 560, 601, 642 Upper B Band adjacent 1 MHz  
 band emissions 890-891 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

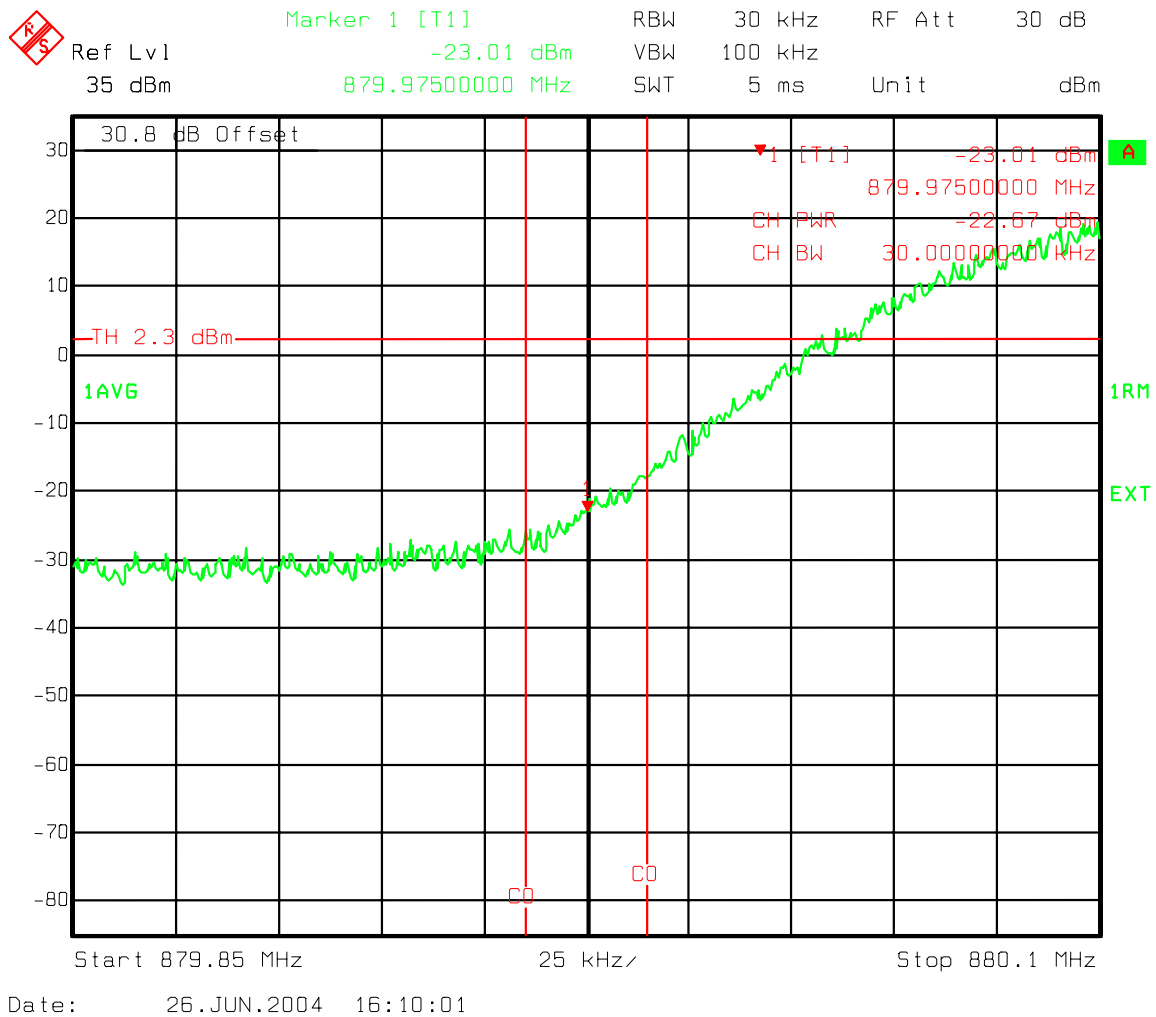
**Ch 560, 601, 642 Upper B Band adjacent to outside edge 37.5 kHz band Channel  
 power**



**Figure 142 : Three Carriers IS856 8PSK - Ch 560, 601, 642 Upper B Band adjacent to outside edge 37.5 kHz band Channel power**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

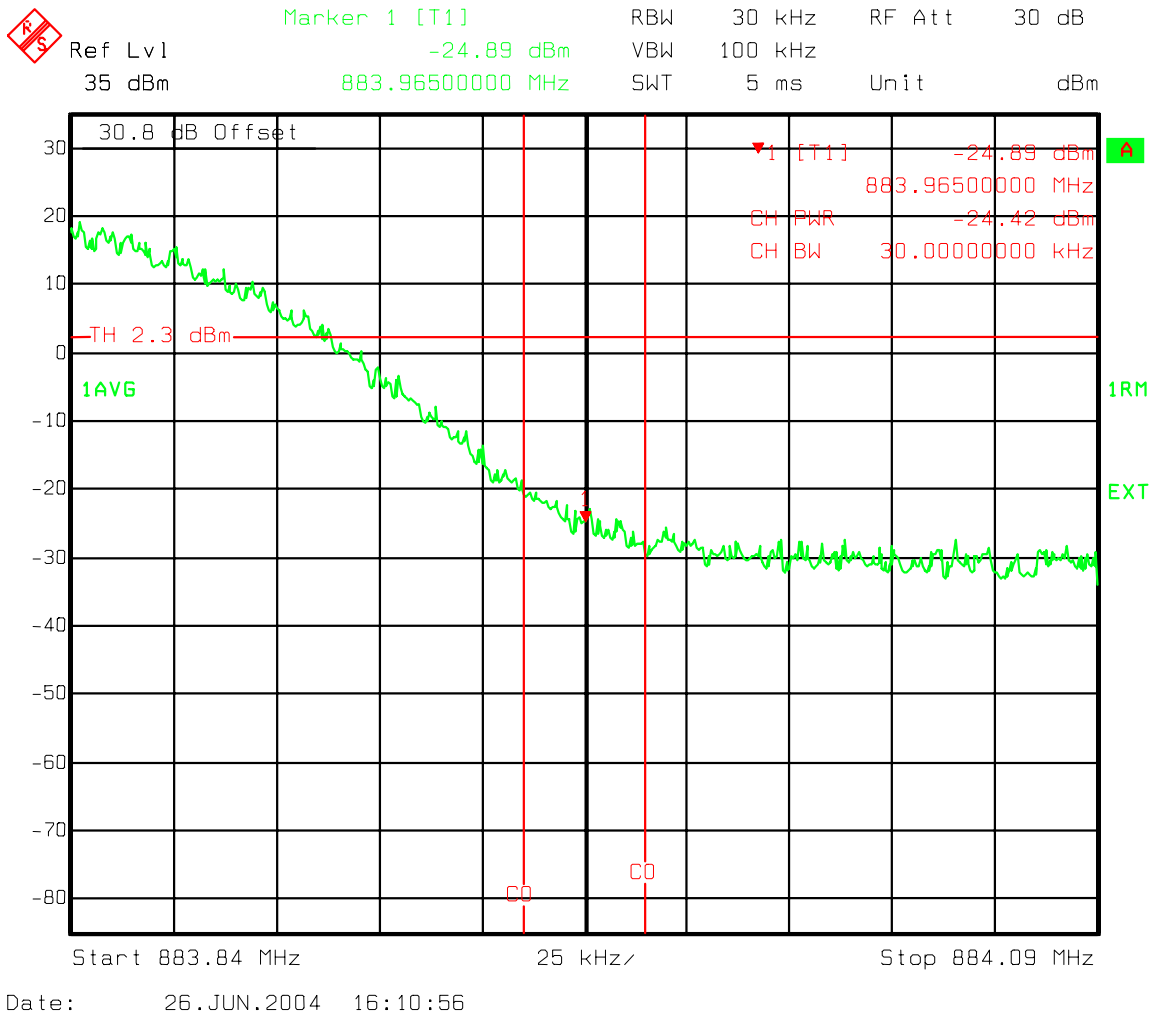
**Industry Canada Lower 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 143 : Three Carriers IS856 8PSK - Industry Canada Lower 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

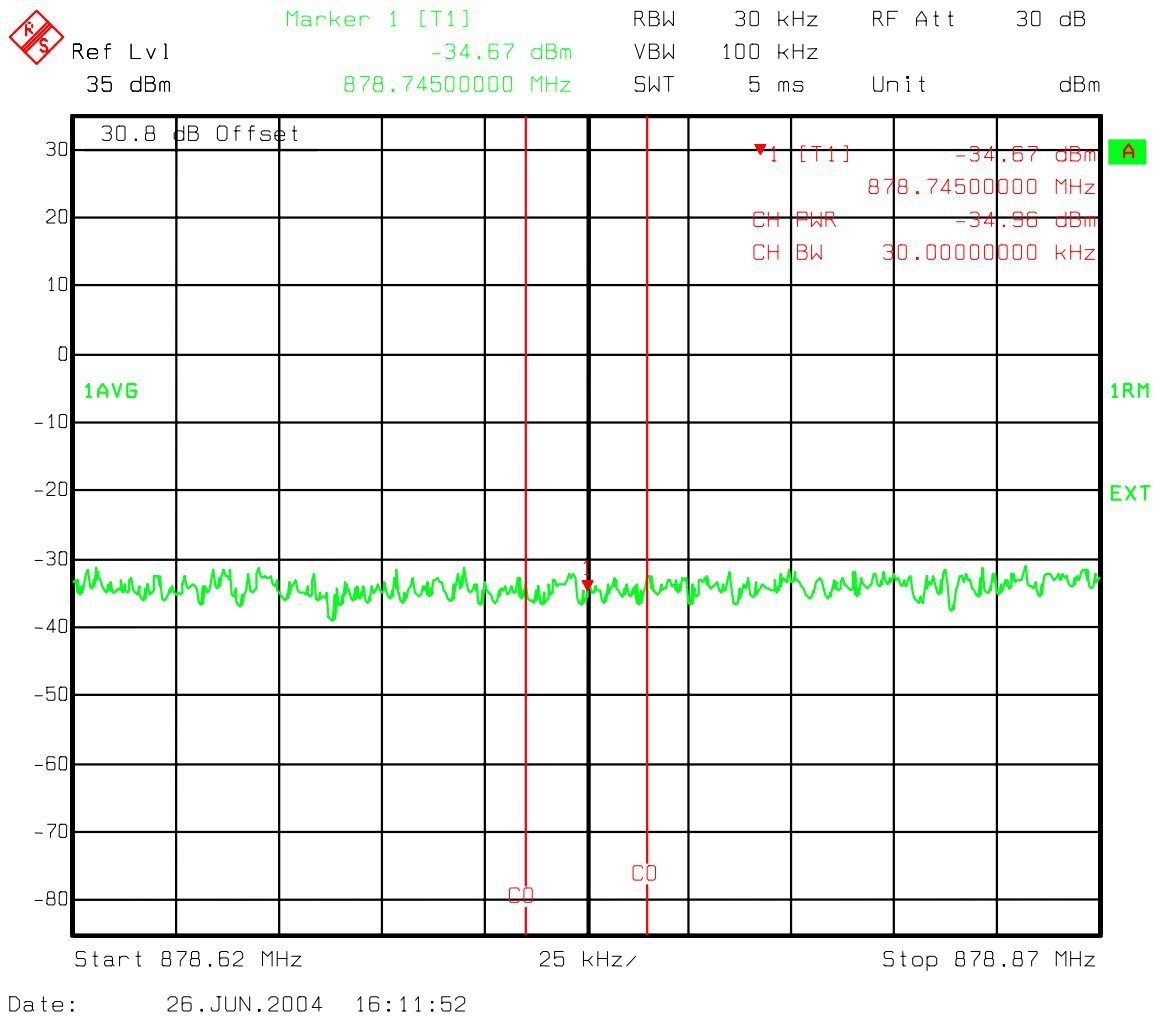
**Industry Canada Upper 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 144 : Three Carriers IS856 8PSK - Industry Canada Upper 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

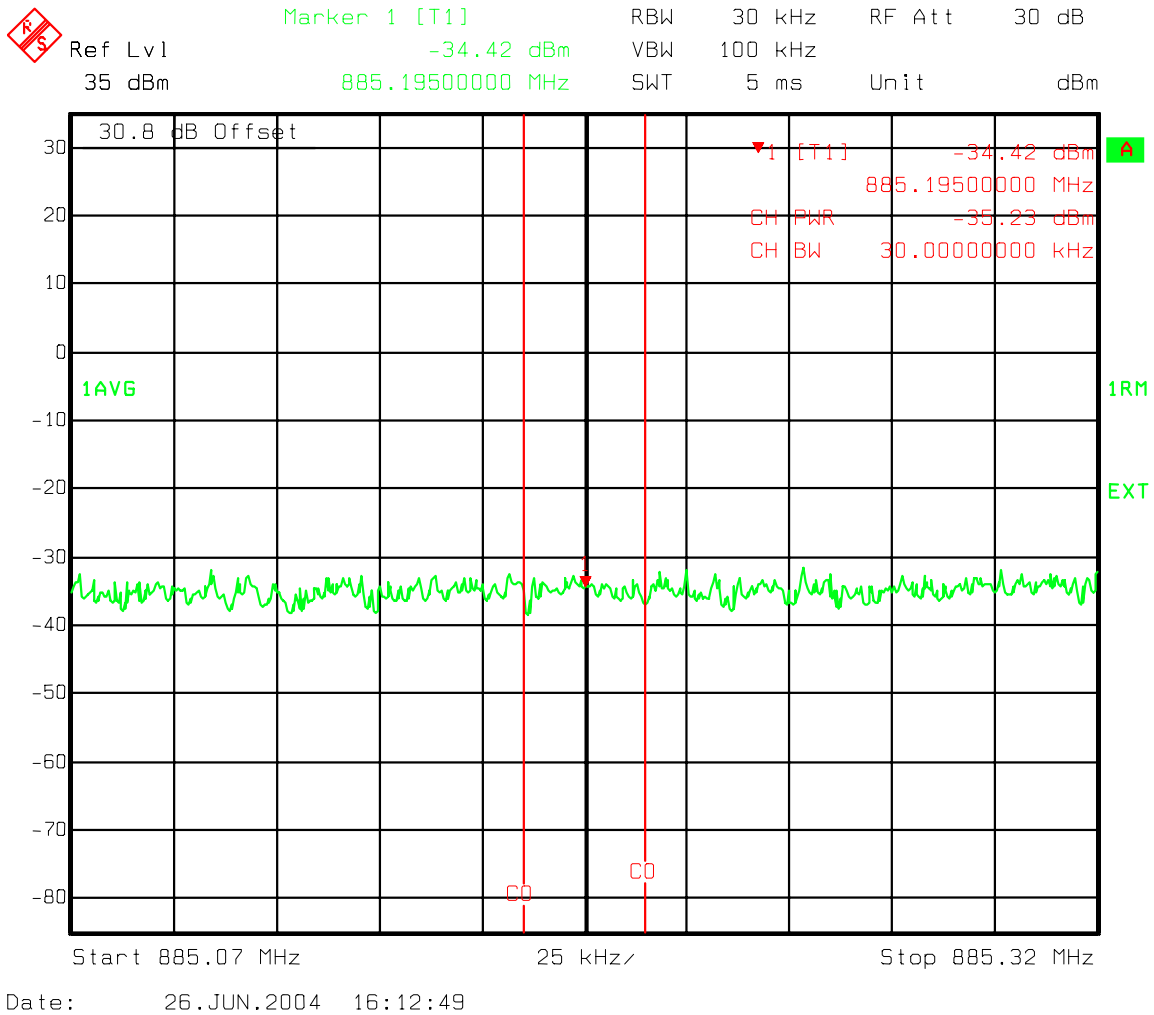
**Industry Canada 1.98 MHz offset Lower 30kHz Chan Power Ch 358, 399, 440**



**Figure 145 : Three Carriers IS856 8PSK - Industry Canada 1.98 MHz offset Lower 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**Industry Canada 1.98 MHz offset Upper 30kHz Chan Power Ch 358, 399, 440**



**Figure 146 : Three Carriers IS856 8PSK - Industry Canada 1.98 MHz offset Upper 30 kHz  
 Chan Power Ch 358, 399, 440**

### Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK

#### B Band IS856-8PSK Spurious emissions 10kHz-400 MHz

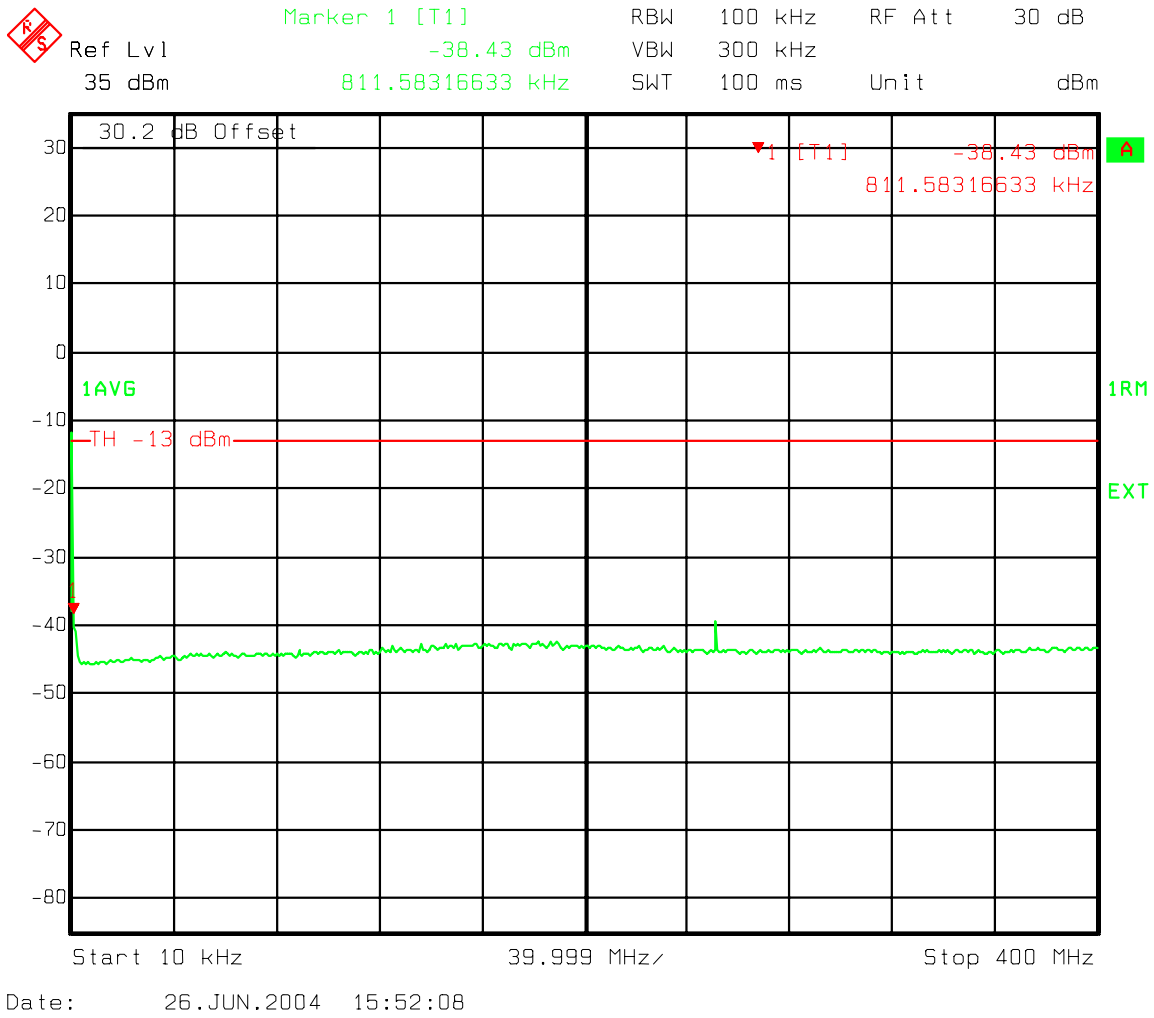
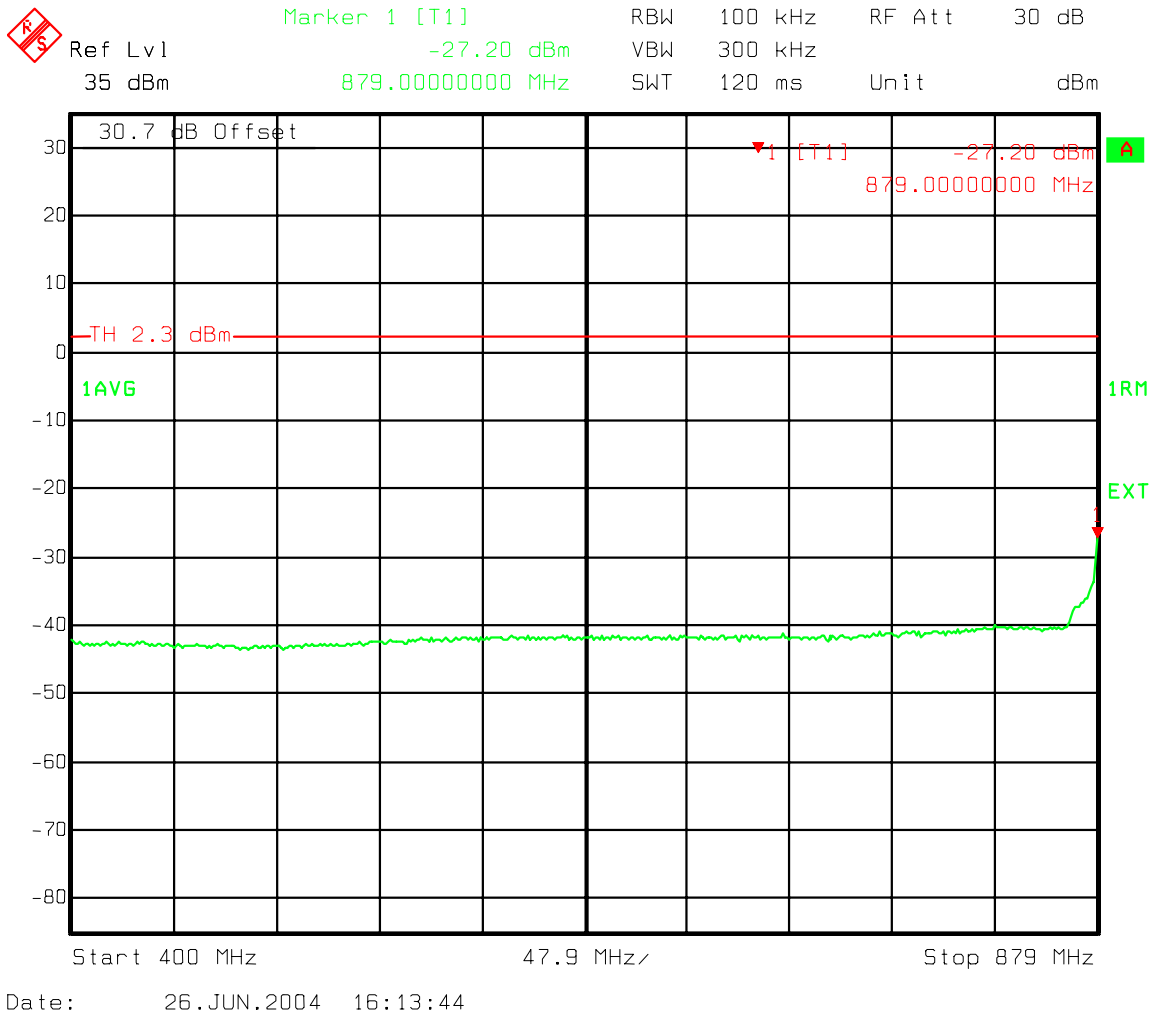


Figure 147 : Three Carriers IS856 8PSK - B Band Spurious emissions 10kHz-400 MHz

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band IS856-8PSK Spurious emissions 400MHz to Lower 1MHz Band Edge**

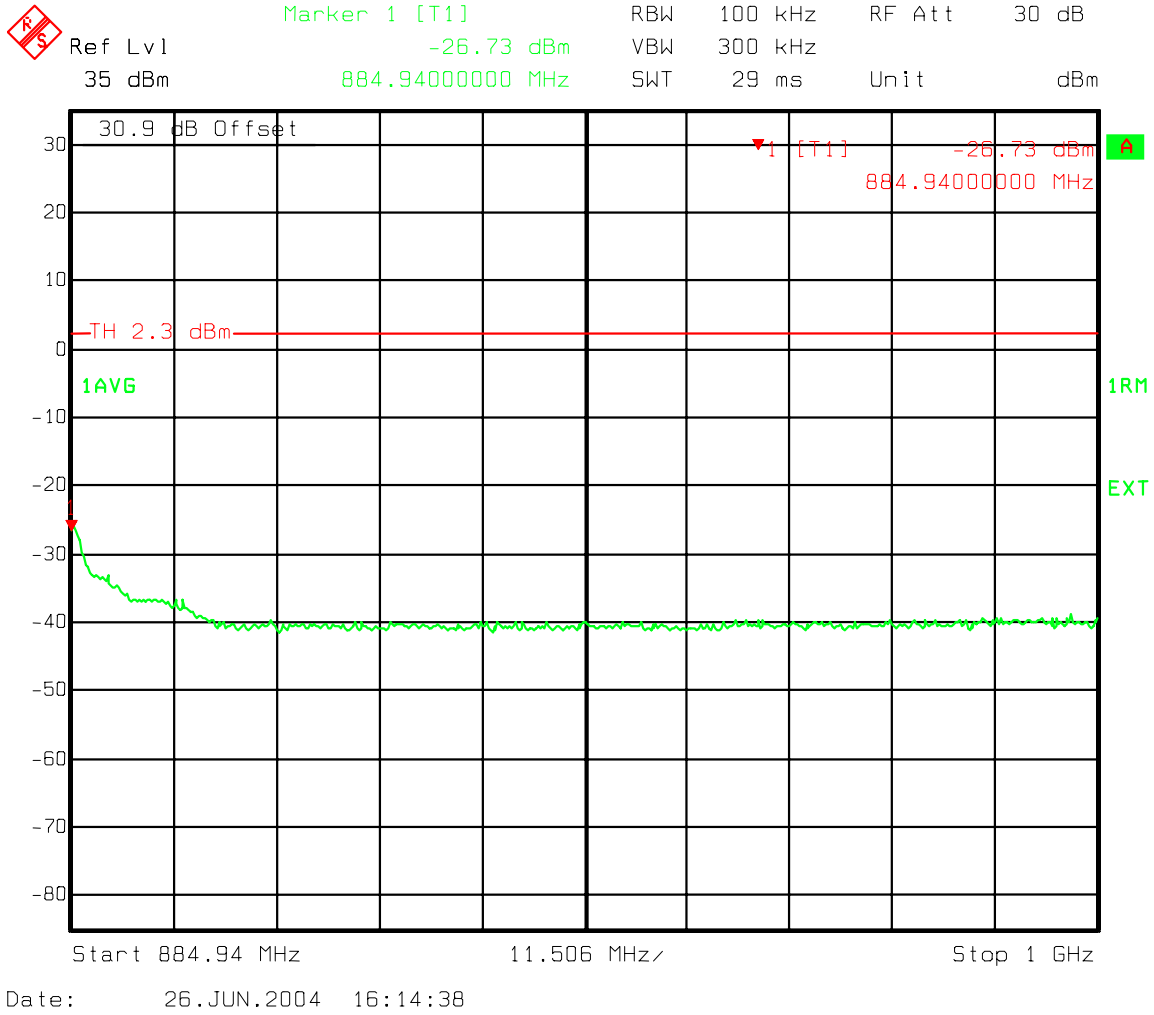


**Figure 148 : Three Carriers IS856 8PSK - B Band Spurious emissions 400 MHz to Lower 1 MHz Band Edge**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

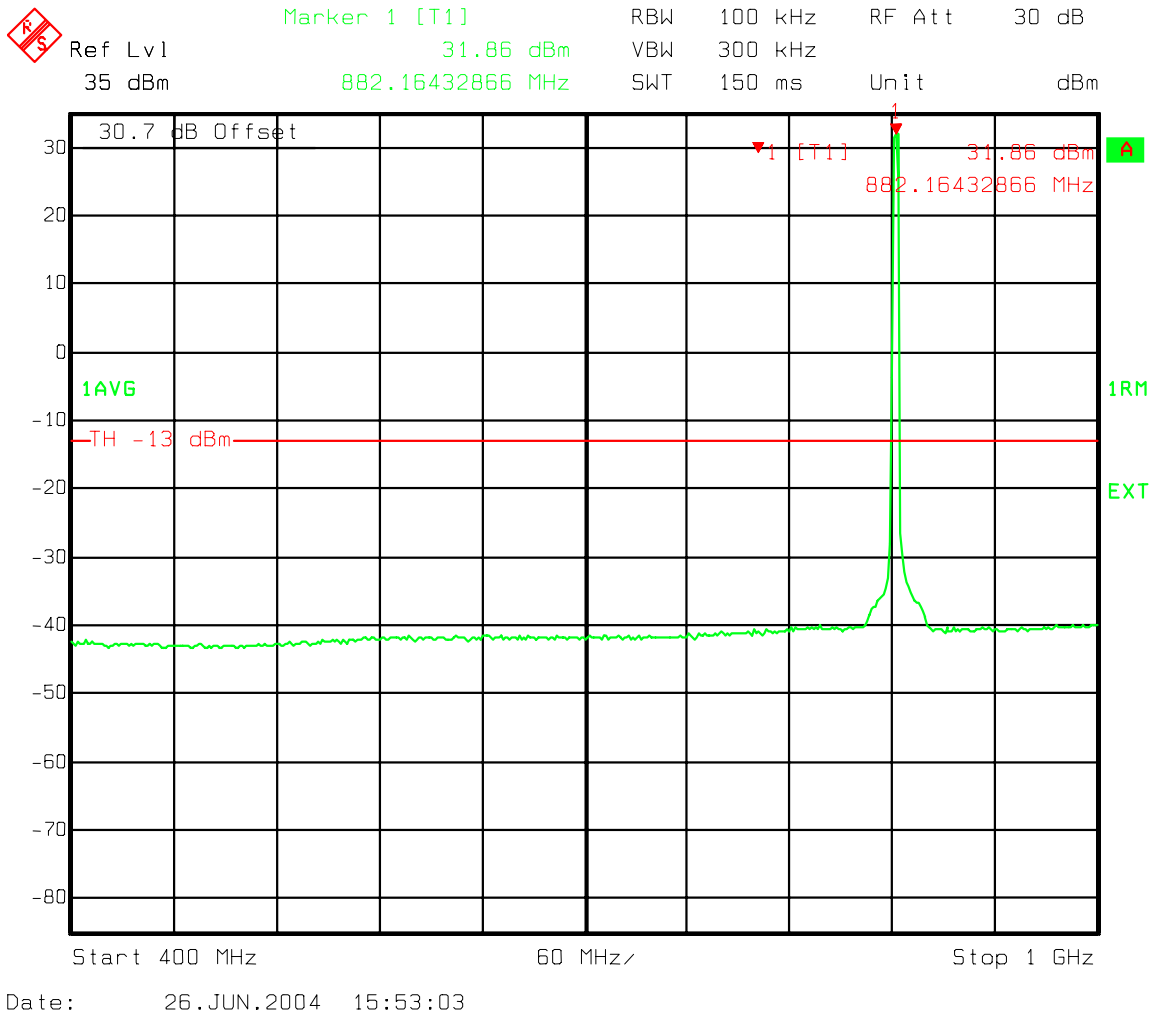
**B Band IS856-8PSK Spurious emissions Upper 1MHz Band Edge to 1GHz**



**Figure 149 : Three Carriers IS856 8PSK - B Band Spurious emissions Upper 1 MHz Band  
 Edge to 1 GHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

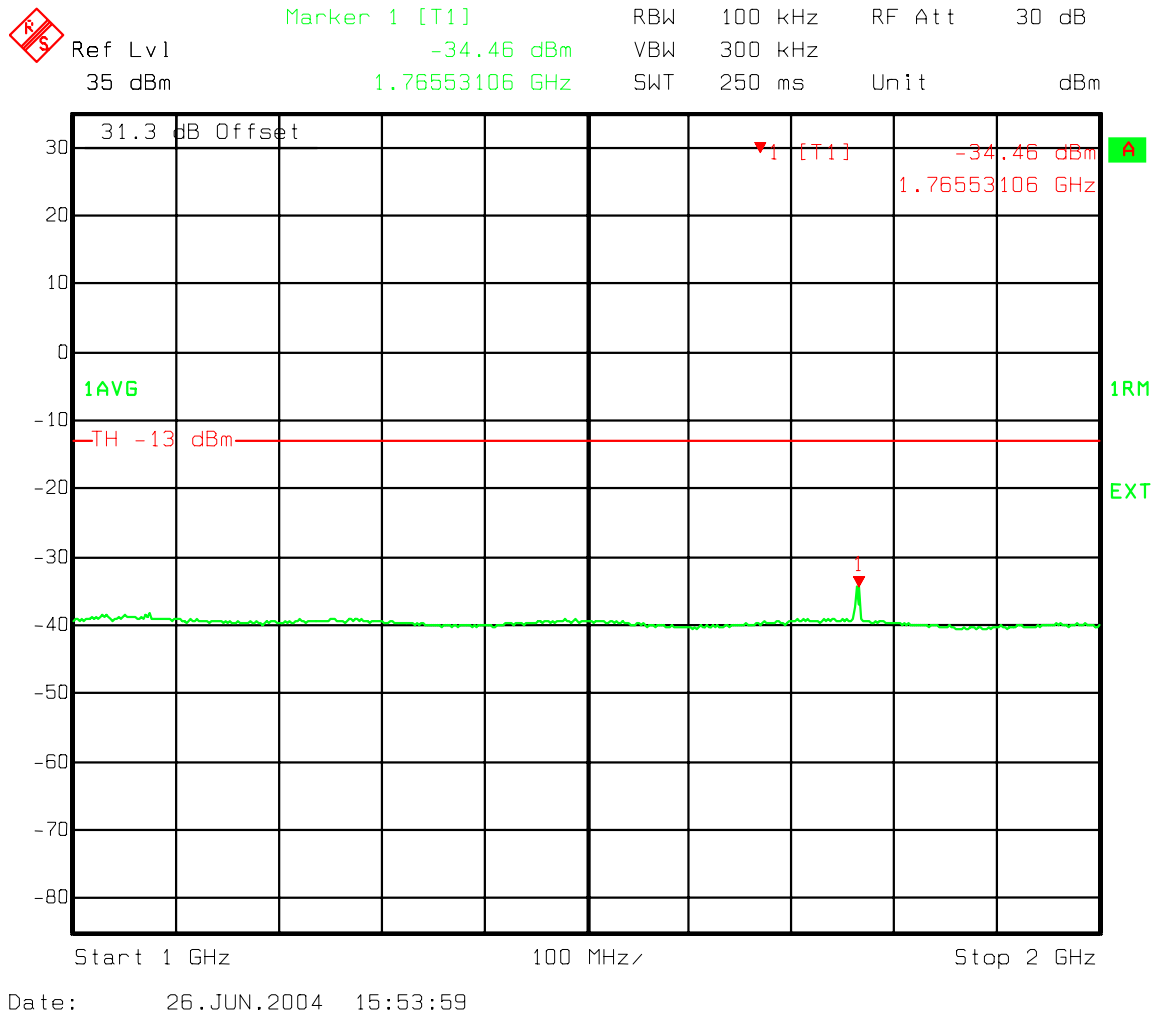
**B Band IS856-8PSK Spurious emissions 400-1000 MHz**



**Figure 150 : Three Carriers IS856 8PSK - B Band Spurious emissions 400-1000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

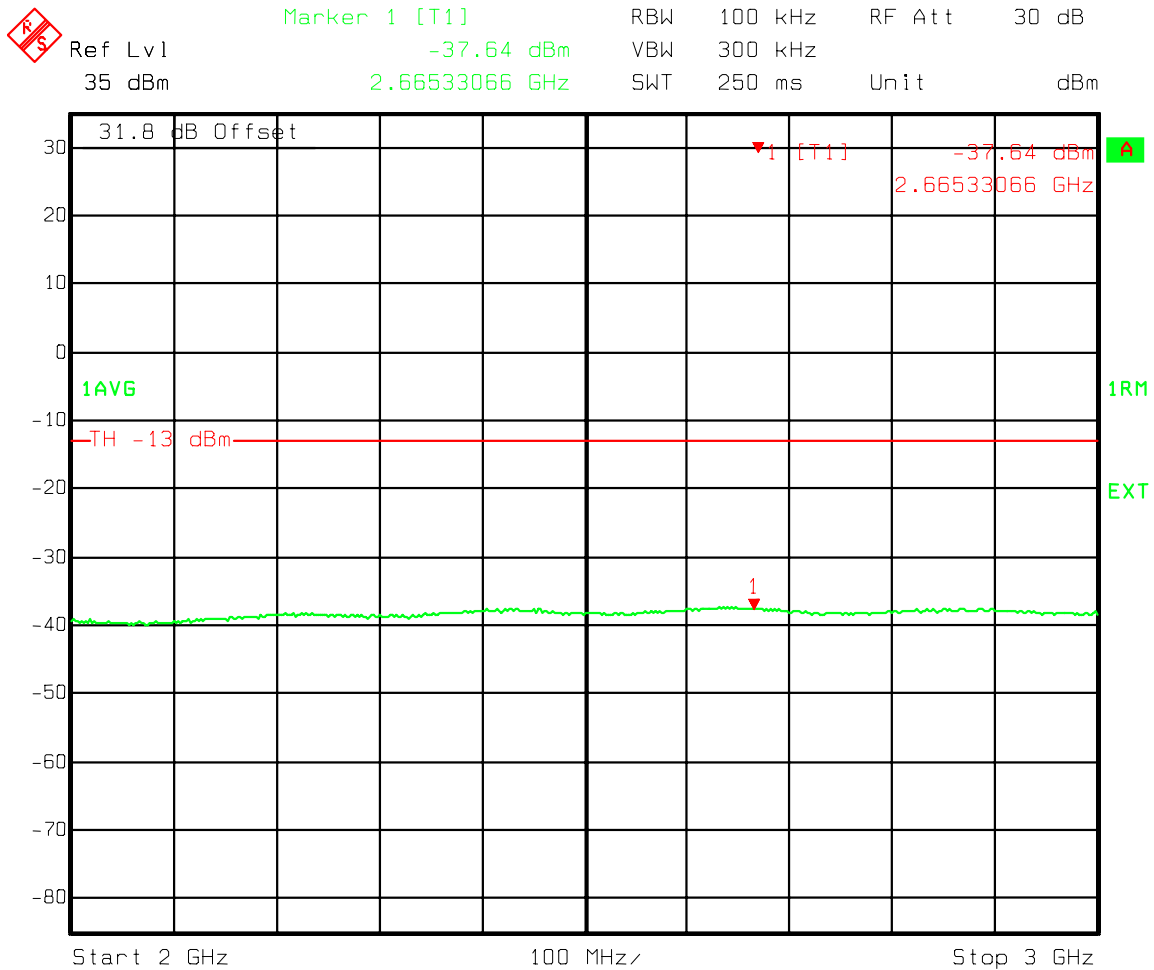
**B Band IS856-8PSK Spurious emissions 1000-2000 MHz**



**Figure 151 : Three Carriers IS856 8PSK - B Band Spurious emissions 1000-2000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band IS856-8PSK Spurious emissions 2000-3000 MHz**

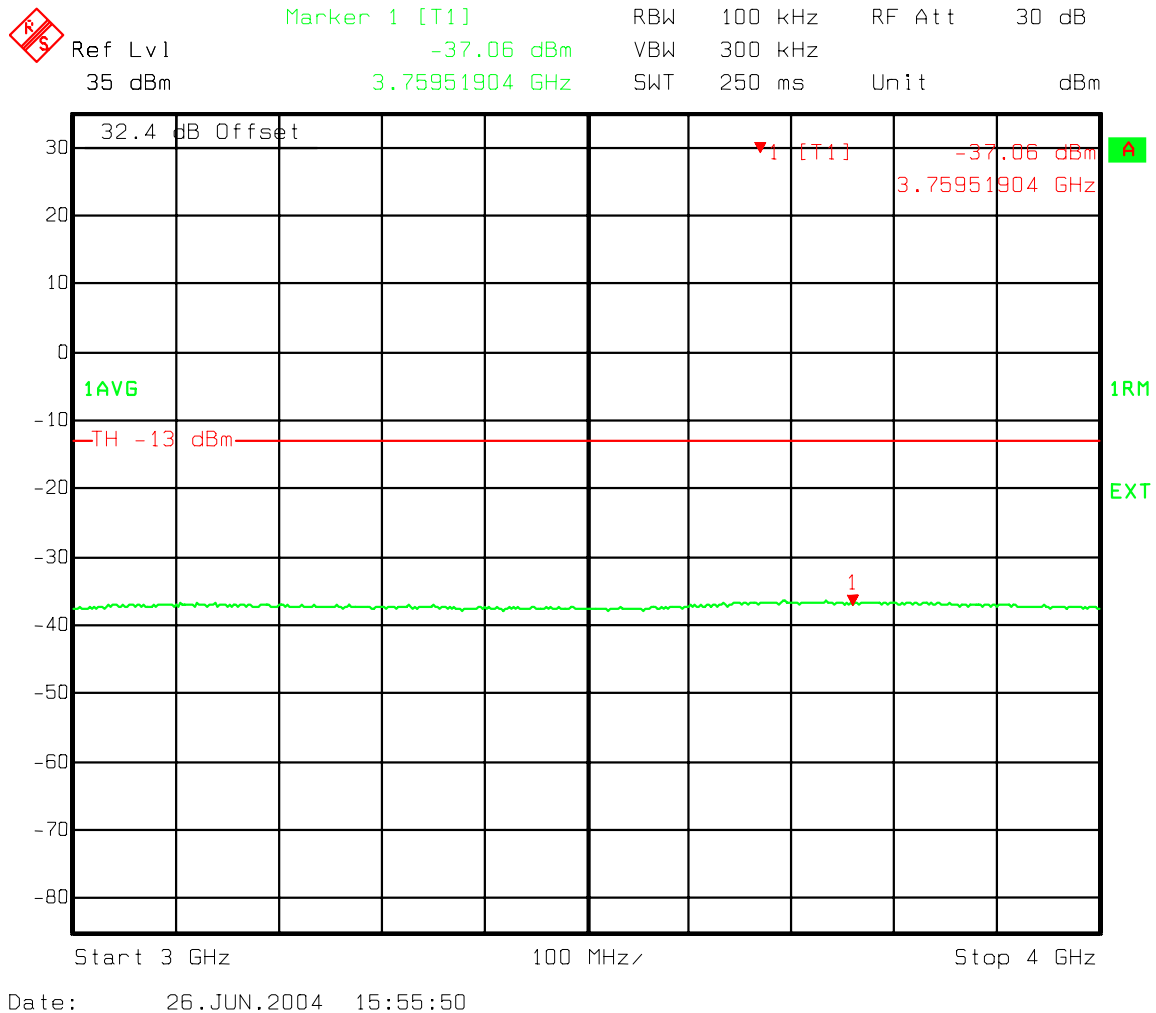


Date: 26.JUN.2004 15:54:54

**Figure 152 : Three Carriers IS856 8PSK - B Band Spurious emissions 2000-3000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

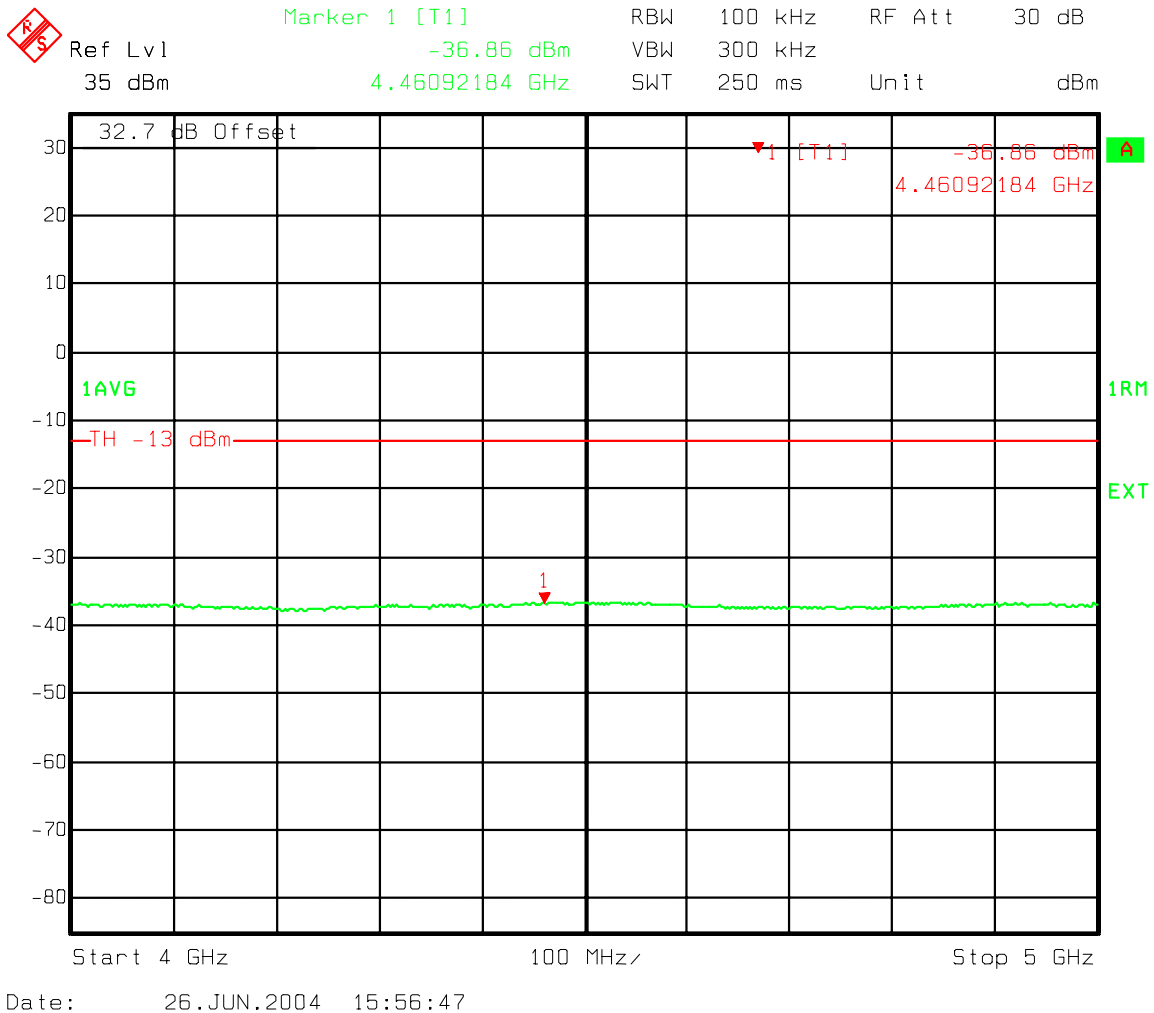
**B Band IS856-8PSK Spurious emissions 3000-4000 MHz**



**Figure 153 : Three Carriers IS856 8PSK - B Band Spurious emissions 3000-4000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

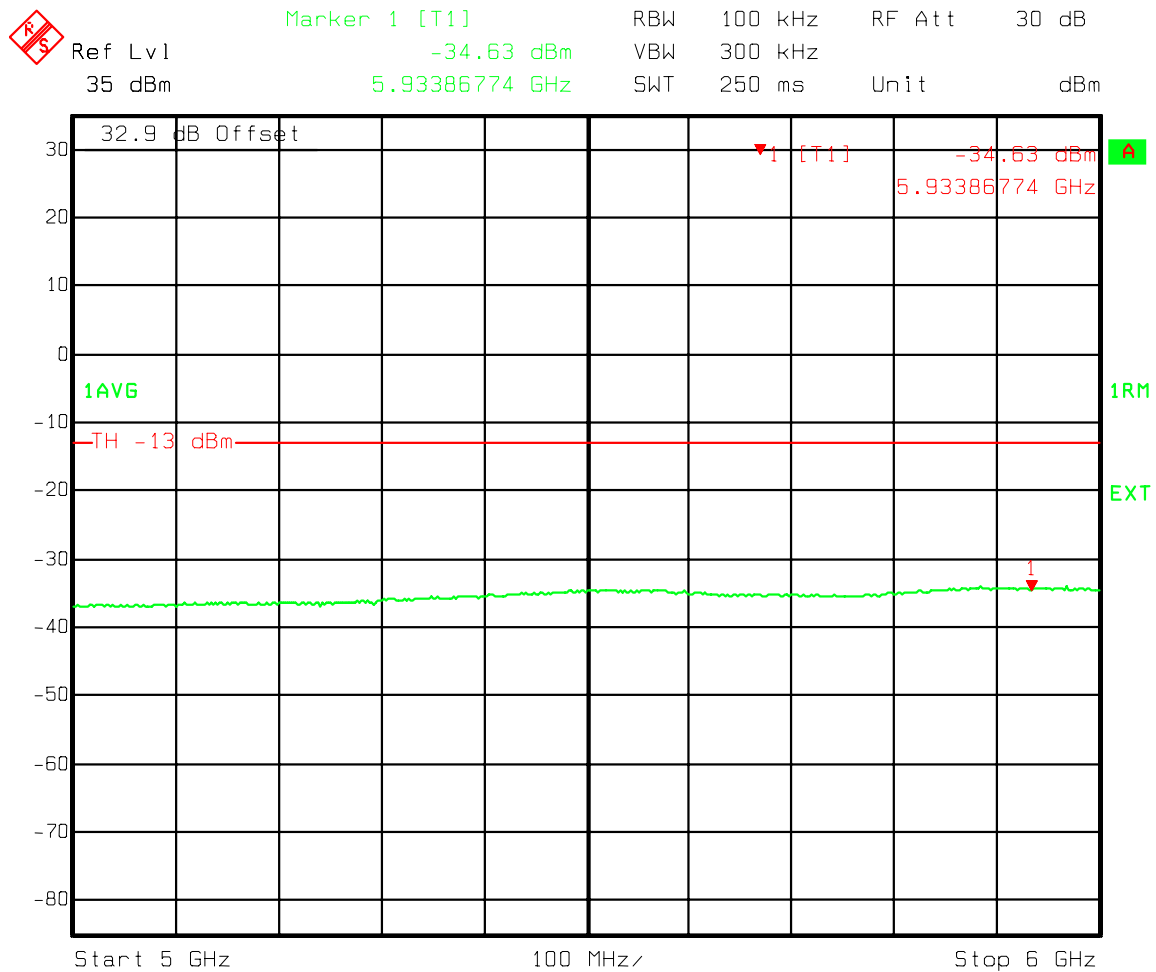
**B Band IS856-8PSK Spurious emissions 4000-5000 MHz**



**Figure 154 : Three Carriers IS856 8PSK - B Band Spurious emissions 4000-5000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band IS856-8PSK Spurious emissions 5000-6000 MHz**

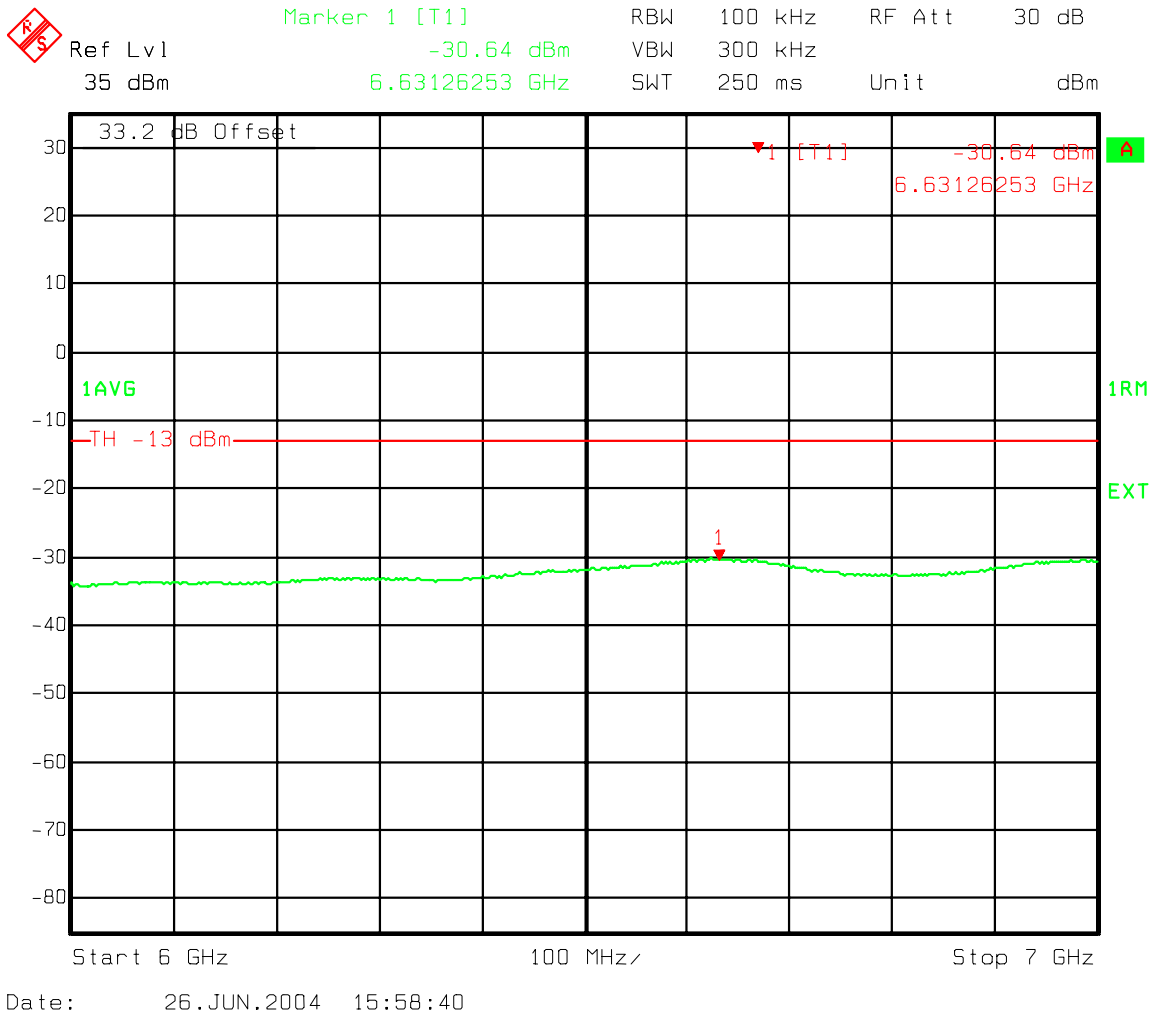


Date: 26.JUN.2004 15:57:43

**Figure 155 : Three Carriers IIS856 8PSK - B Band Spurious emissions 5000-6000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band IS856-8PSK Spurious emissions 6000-7000 MHz**



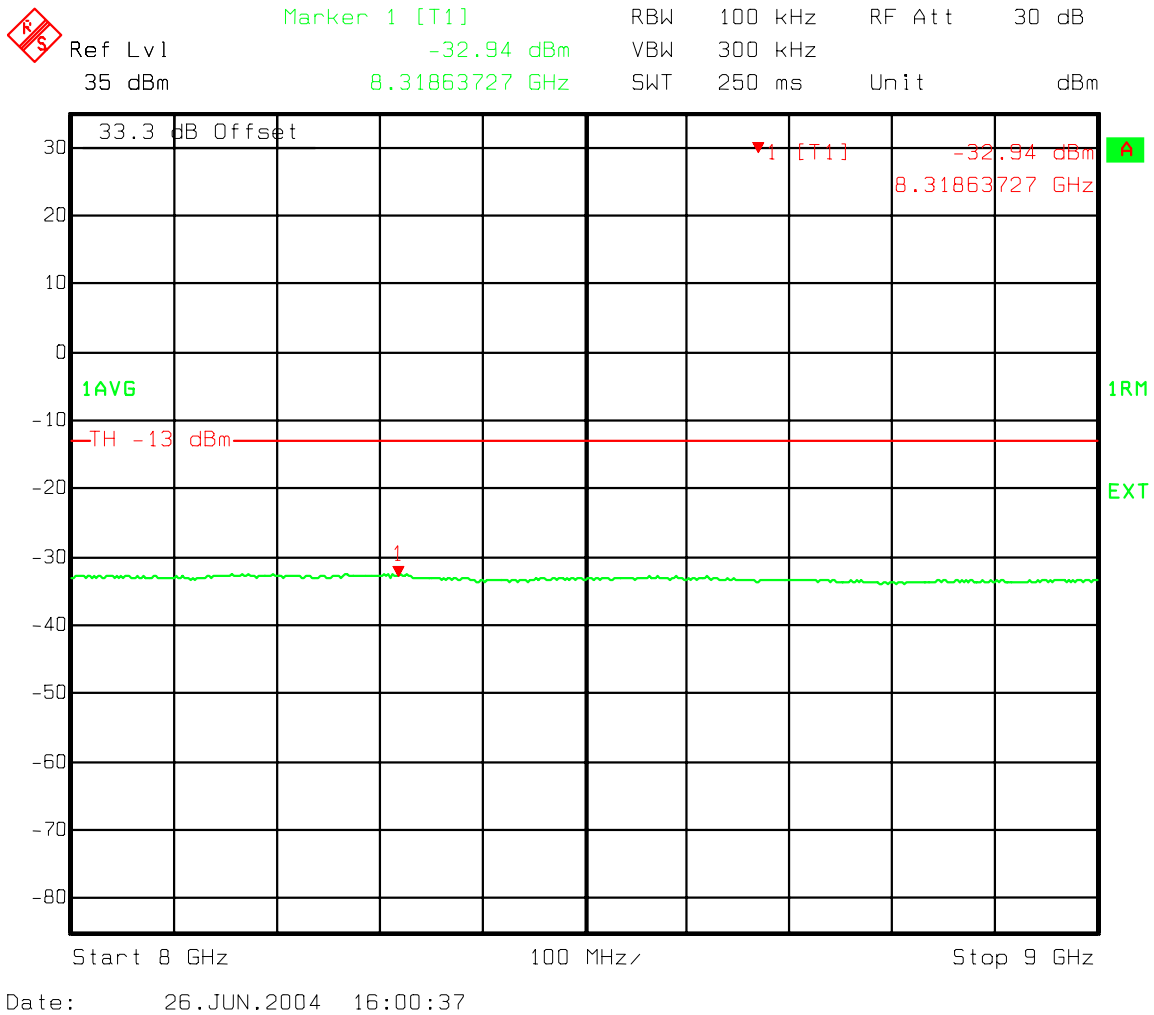
**Figure 156 : Three Carriers IS856 8PSK - B Band Spurious emissions 6000-7000 MHz**





**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

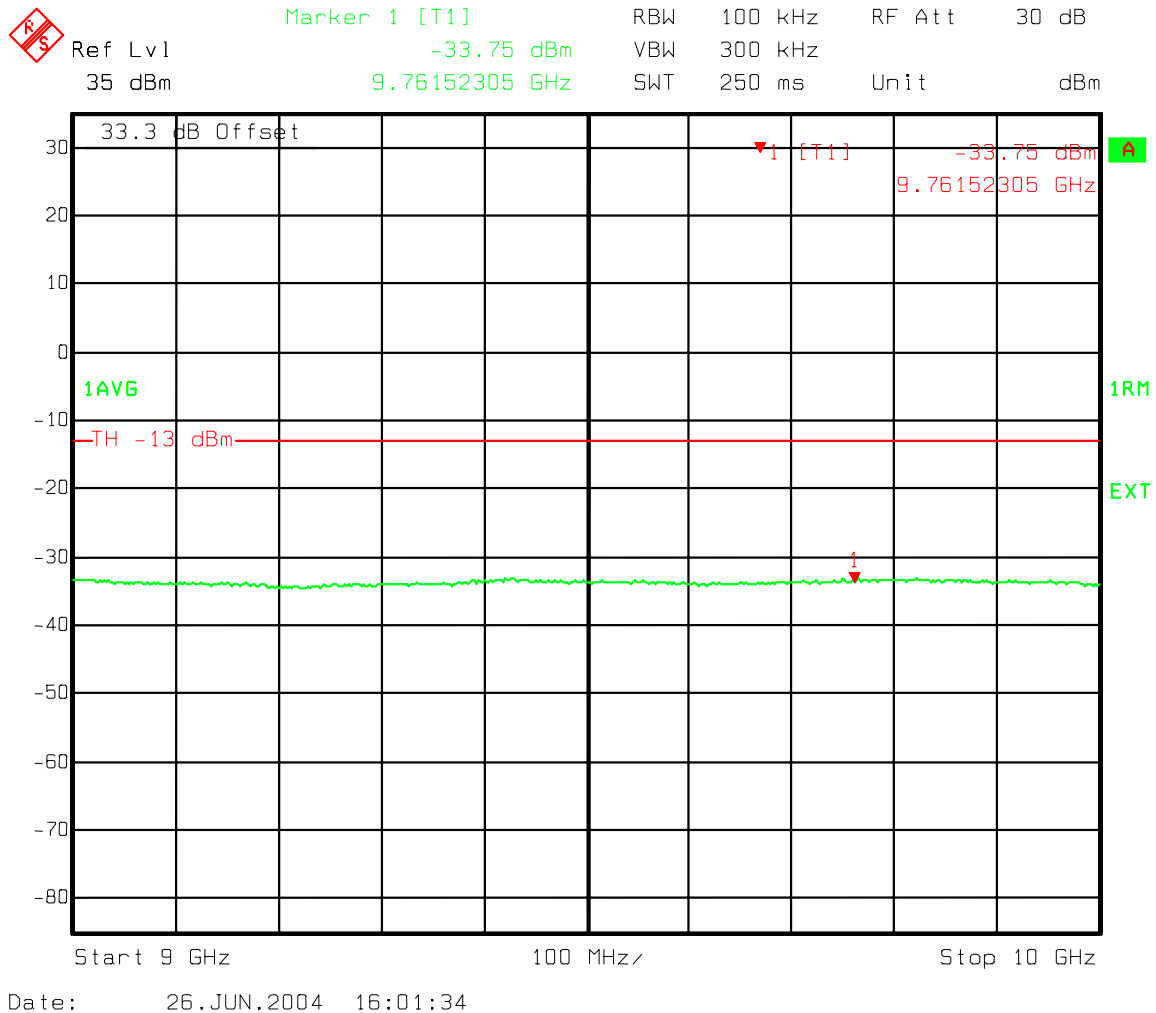
**B Band IS856-8PSK Spurious emissions 8000-9000 MHz**



**Figure 158 : Three Carriers IS856 8PSK - B Band Spurious emissions 8000-9000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-8PSK**

**B Band IS856-8PSK Spurious emissions 9000-10000 MHz**



**Figure 159 : Three Carriers IS856 8PSK - B Band Spurious emissions 9000-10000 MHz**

# 12 Appendix H - Three Carriers IS-856 QPSK Spurious Emission

## Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK

### Occupied Bandwidth Ch 358, 390, 440 Band B IS856-QPSK

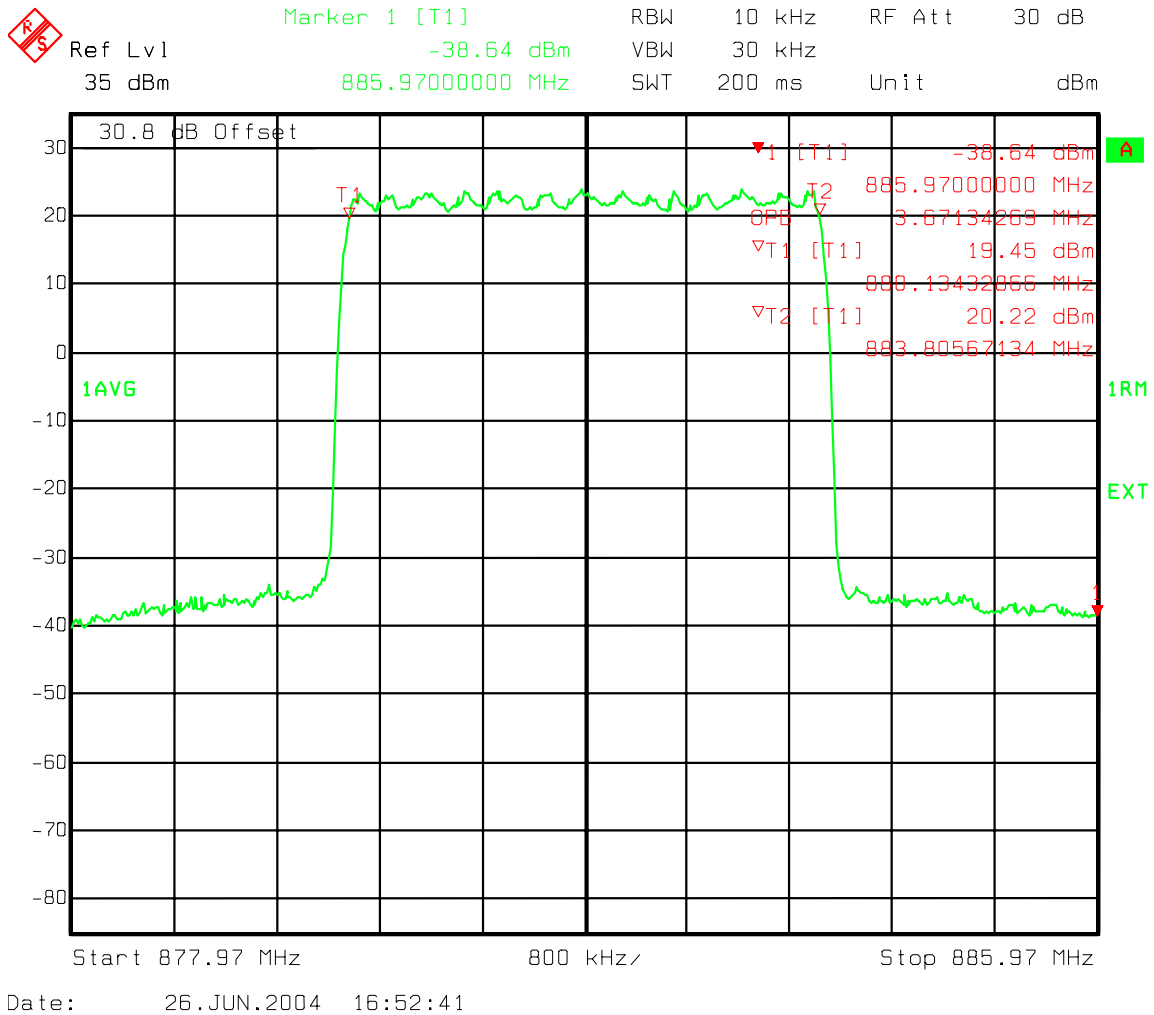
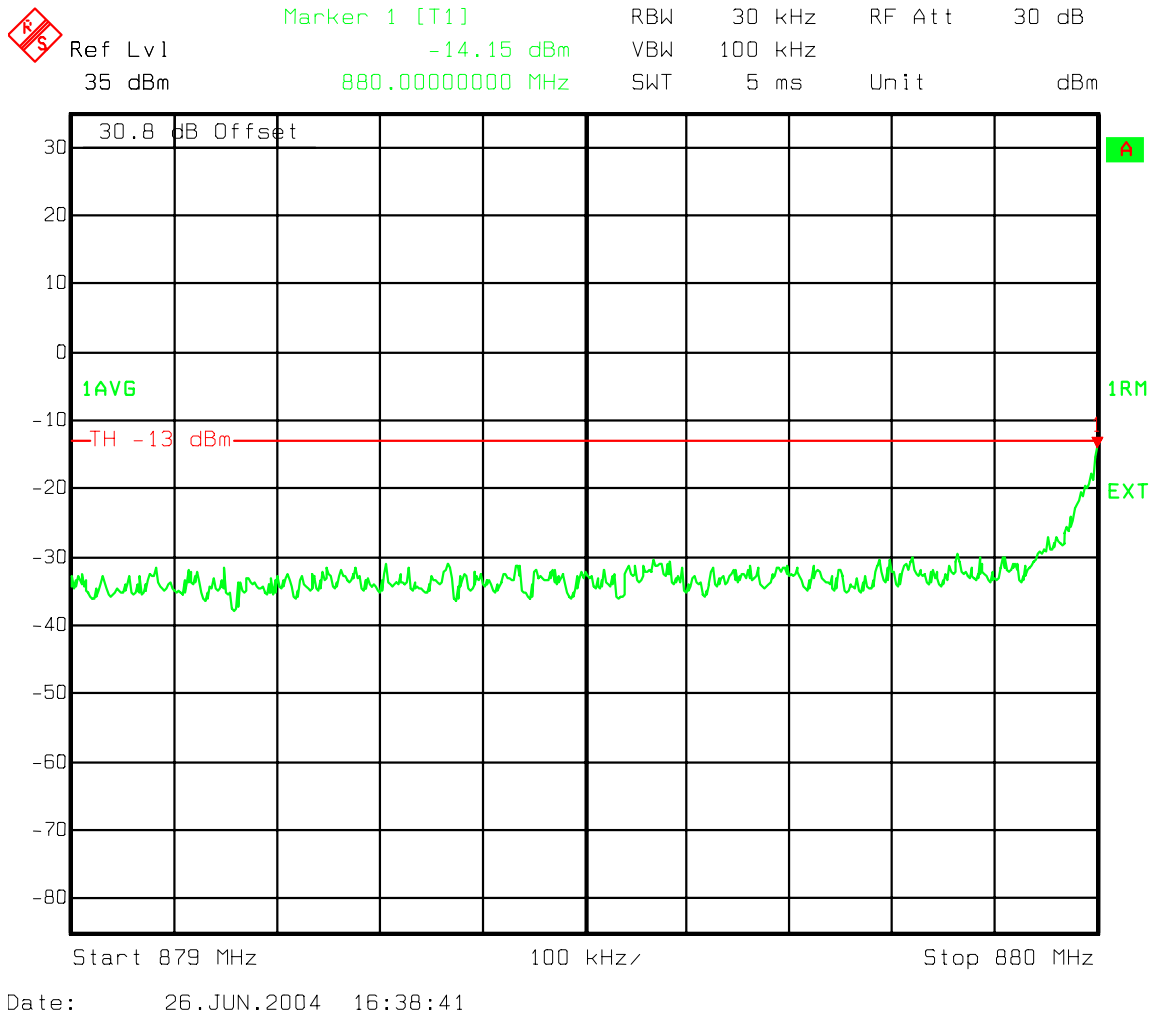


Figure 160 : Three Carriers IS856 QPSK - Occupied Bandwidth Ch 358, 399, 440 Band B

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

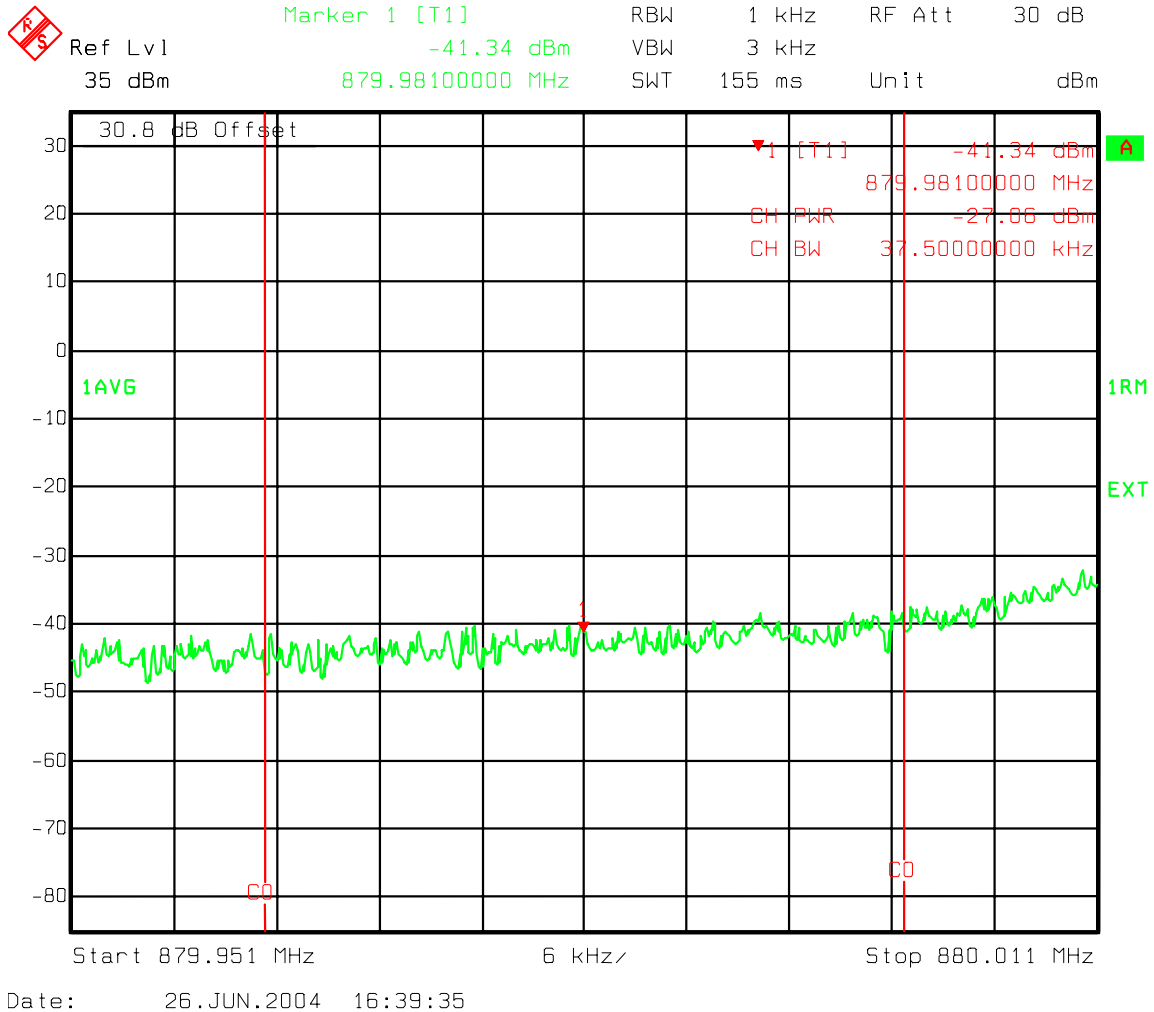
**B Band Ch 358, 399, 440 IS856-QPSK Adjacent 1Mhz Lower emissions 879-  
880MHz**



**Figure 161 : Three Carriers IS856 QPSK - B Band Ch 358, 399, 440 IS856 Adjacent 1MHz  
Lower emissions 879-880MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band Ch358, 399, 440 IS856-QPSK Channel power Adjacent 37.5 kHz Lower  
 emissions to 880 MHz**

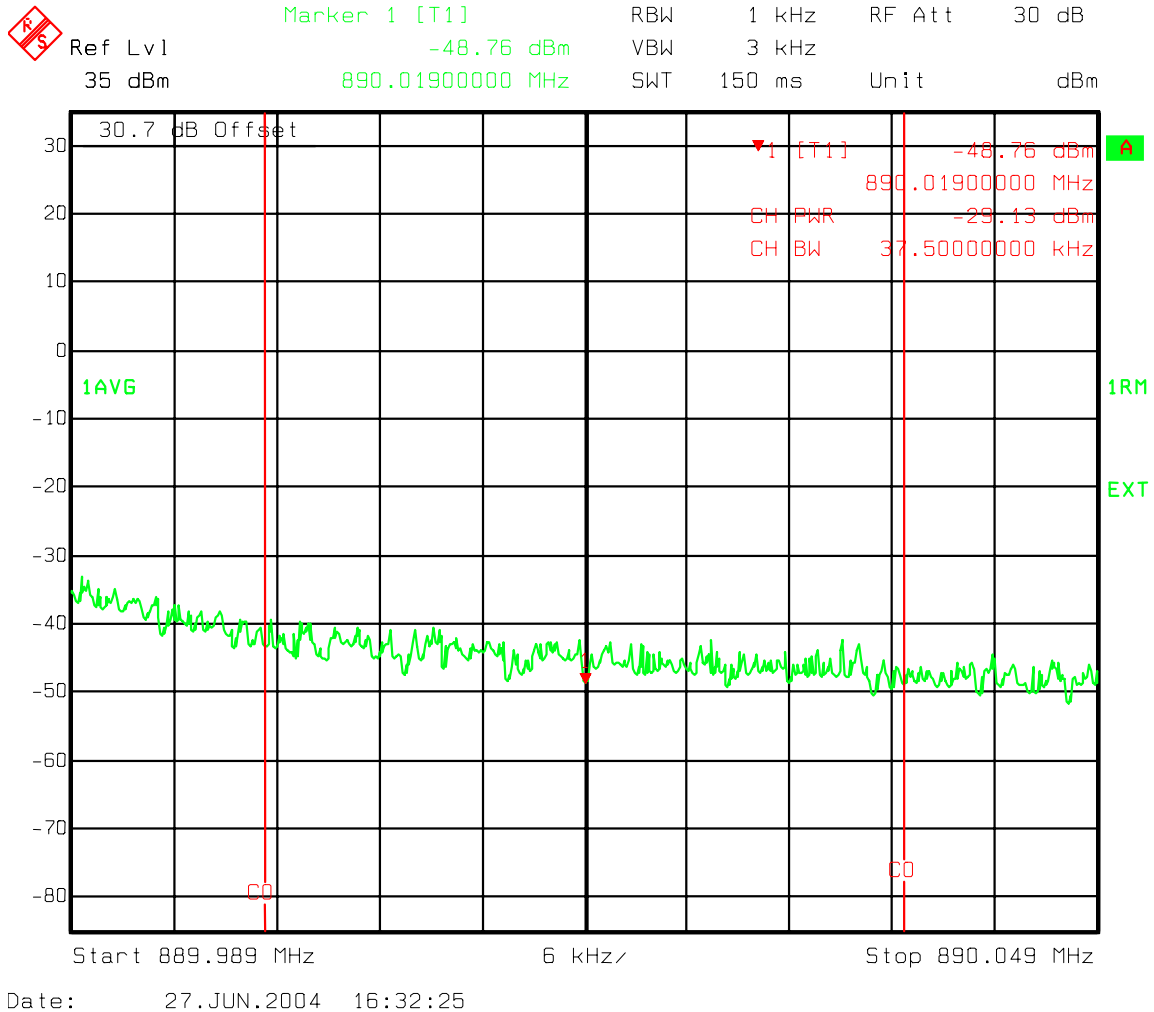


**Figure 162 : Three Carriers IS856 QPSK - Ch 358, 399, 440 IS856 Lower B Band Adjacent  
 to outside edge 37.5kHz band Channel Power**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**Ch 560, 601, 642 Upper B Band adjacent to outside edge 37.5 kHz band Channel  
 power**

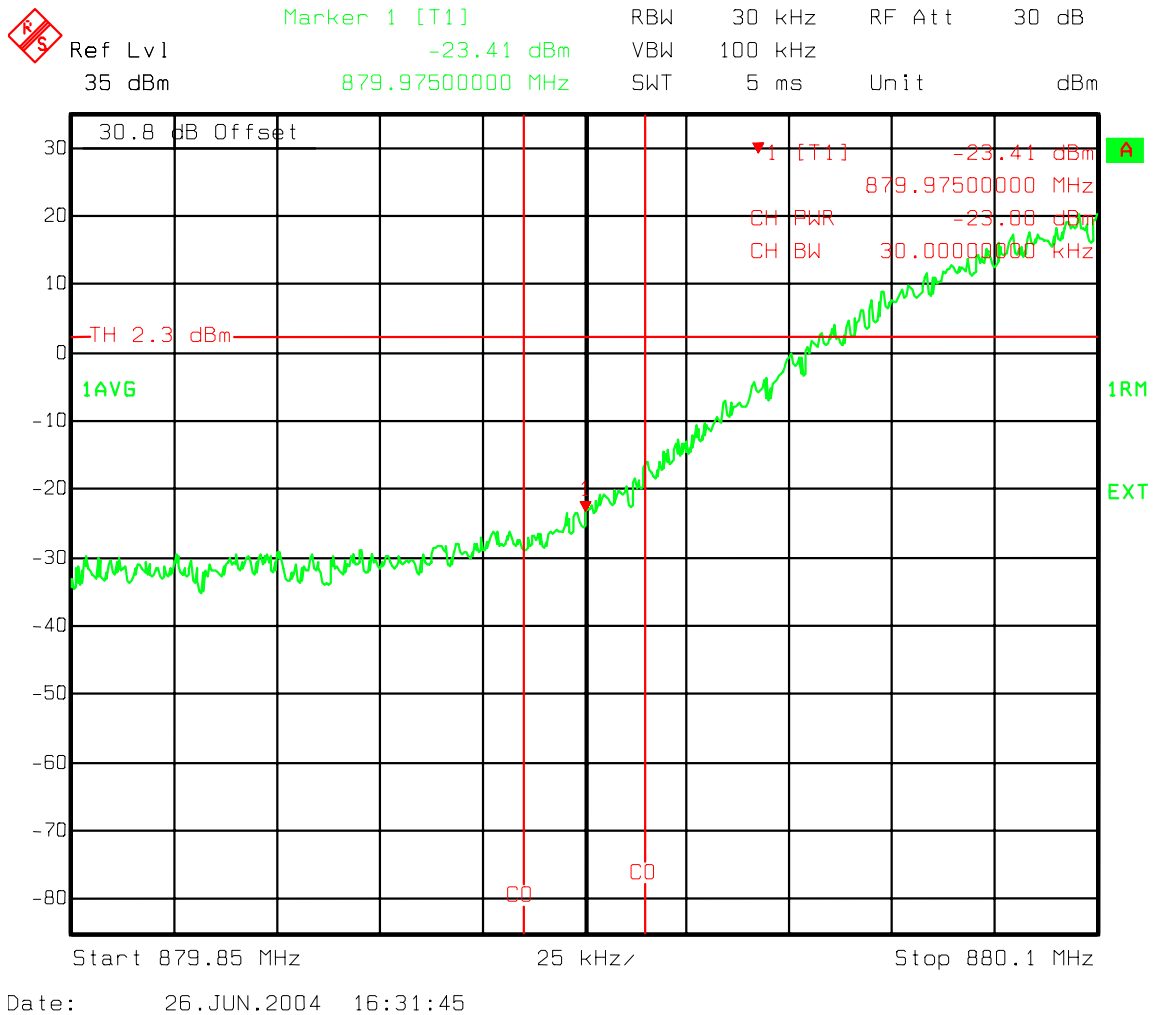


**Figure 164 : Three Carriers IS856 QPSK - Ch 560, 601, 642 Upper B Band adjacent to out-  
 side edge 37.5 kHz band Channel power**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

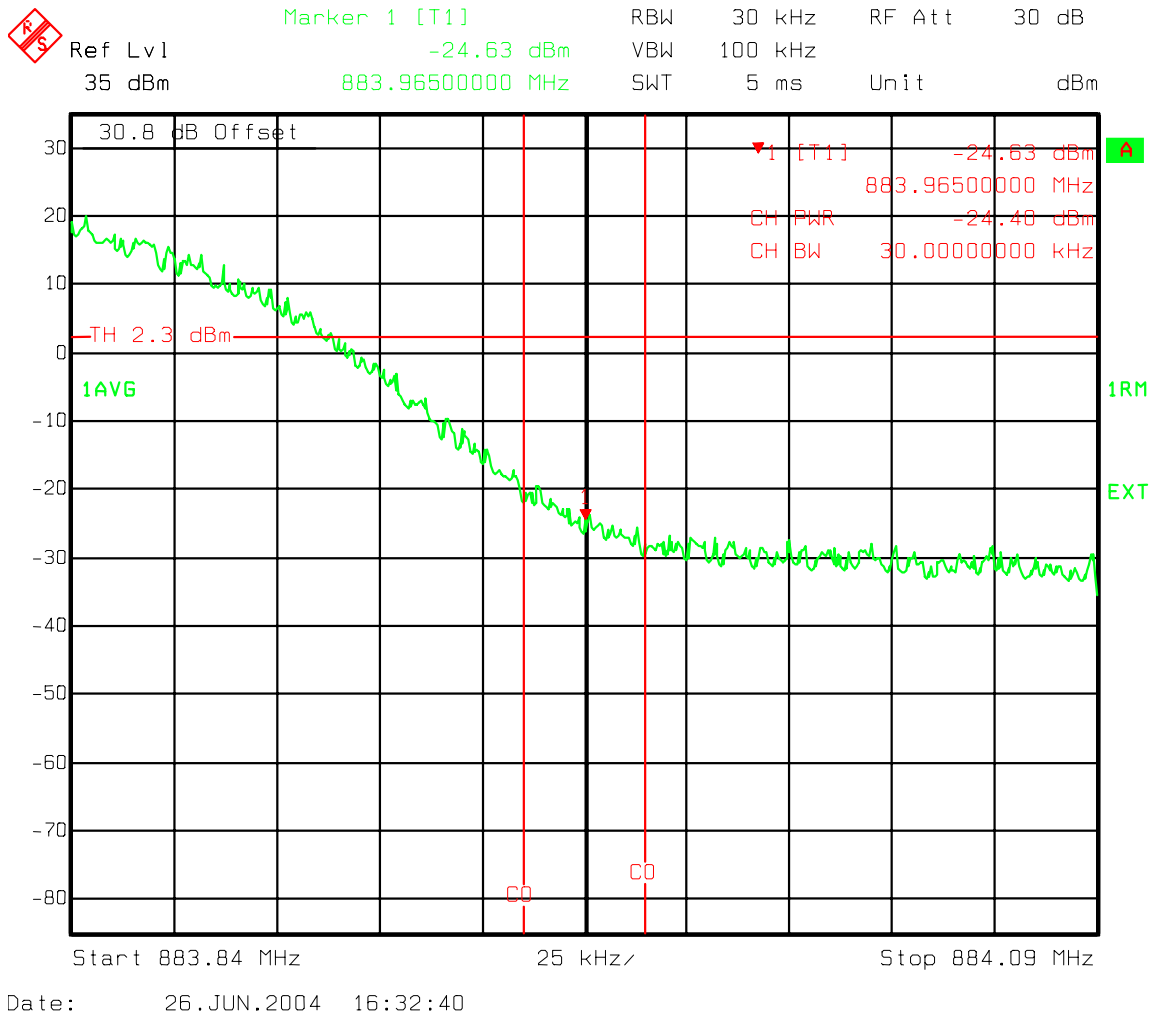
**Industry Canada Lower 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 165 : Three Carriers IS856 QPSK - Industry Canada Lower 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

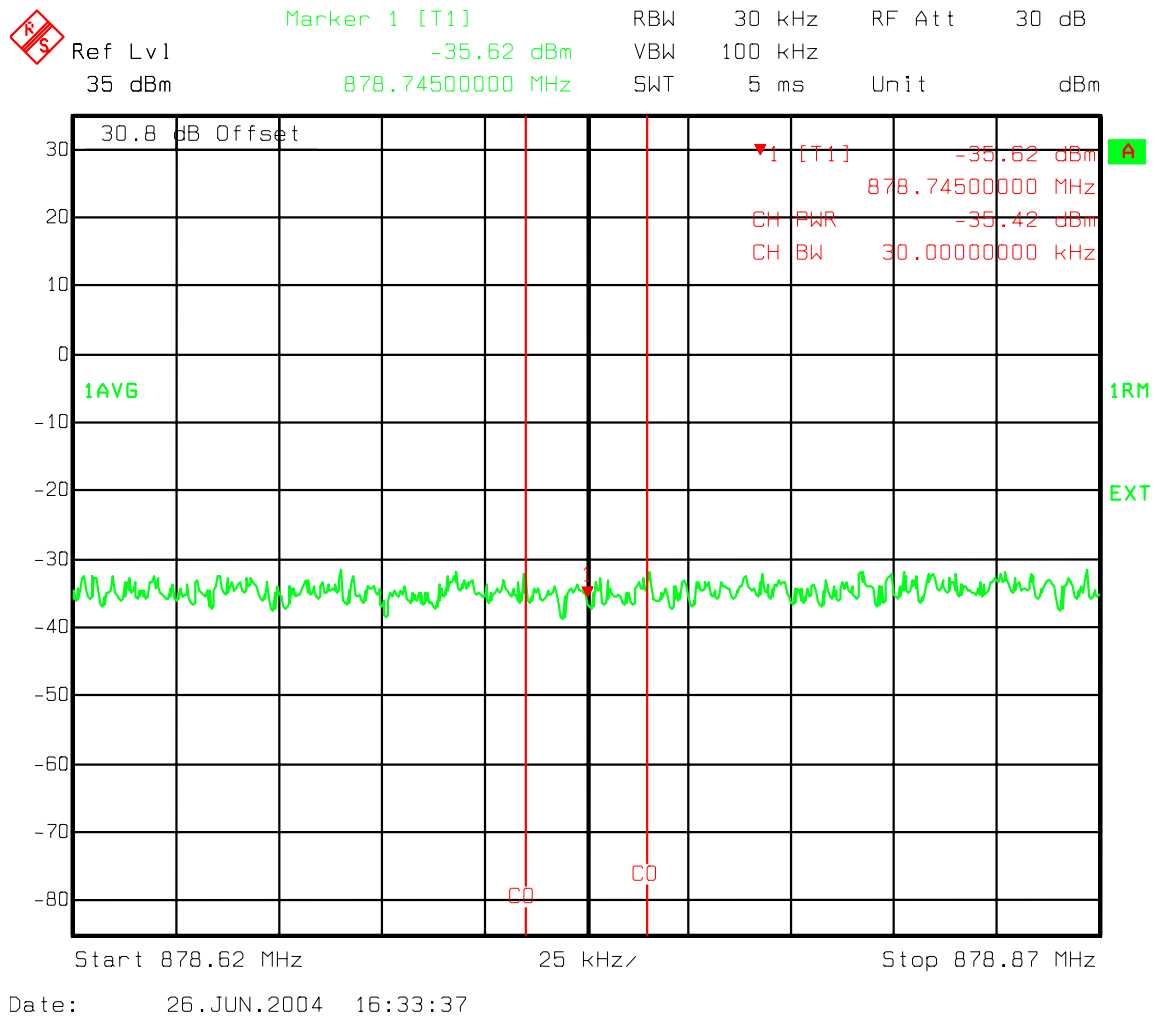
**Industry Canada Upper 750 kHz offset 30kHz Chan Power Ch 358, 399, 440**



**Figure 166 : Three Carriers IS856 QPSK - Industry Canada Upper 750 kHz offset 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

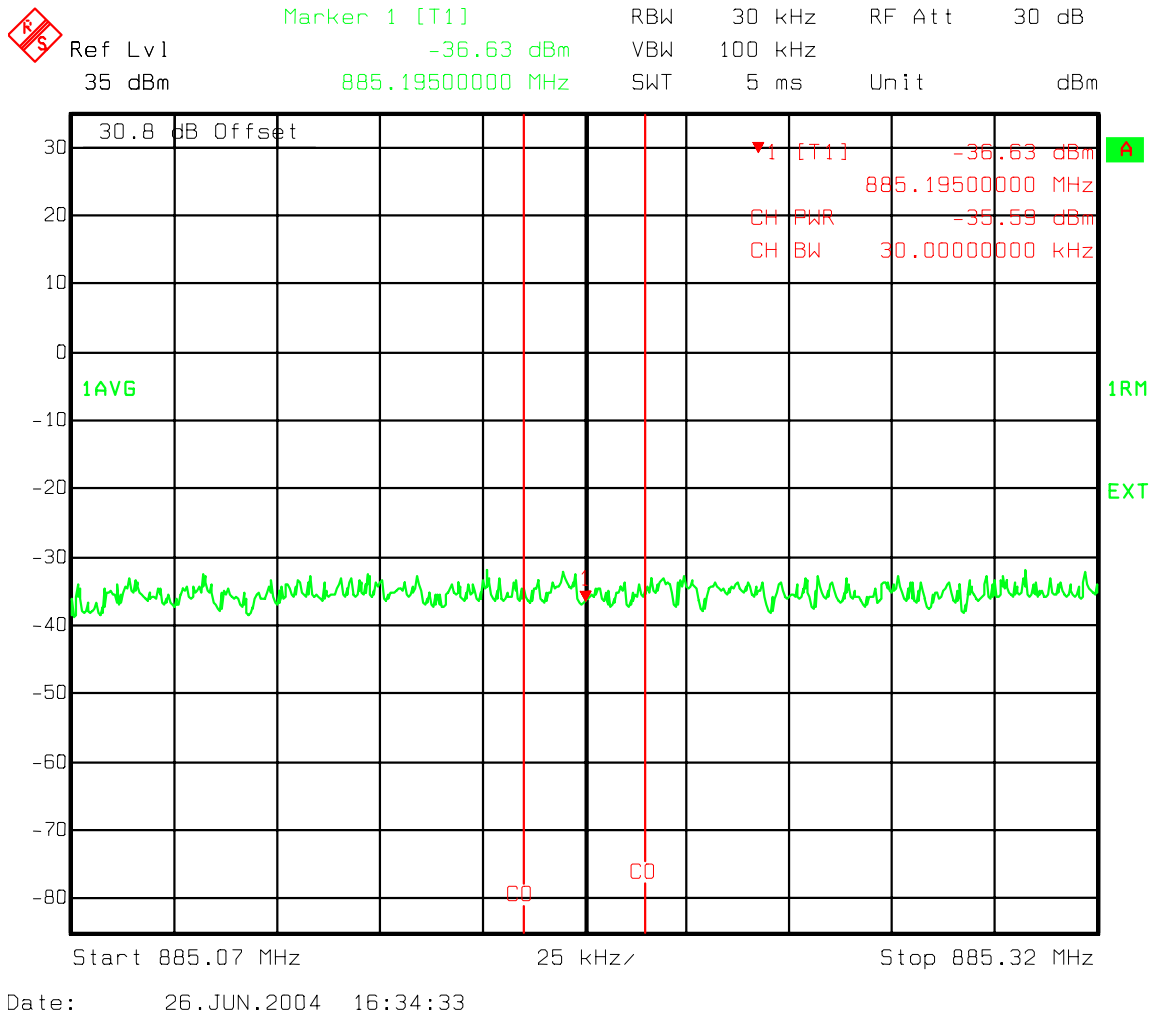
**Industry Canada 1.98 MHz offset Lower 30kHz Chan Power Ch 358, 399, 440**



**Figure 167 : Three Carriers IS856 QPSK - Industry Canada 1.98 MHz offset Lower 30 kHz  
Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

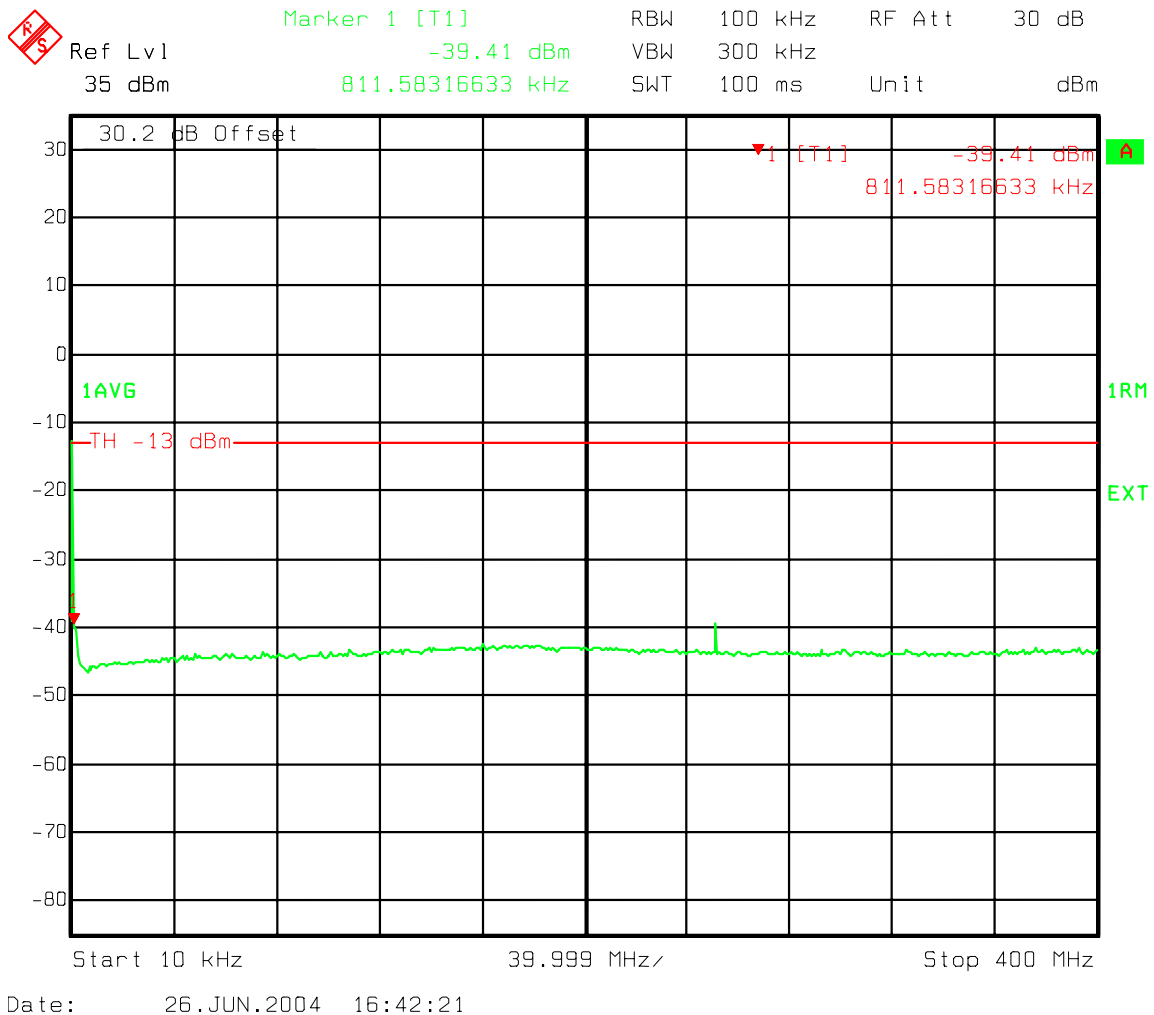
**Industry Canada 1.98 MHz offset Upper 30kHz Chan Power Ch 358, 399, 440**



**Figure 168 : Three Carriers IS856 QPSK - Industry Canada 1.98 MHz offset Upper 30 kHz  
 Chan Power Ch 358, 399, 440**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

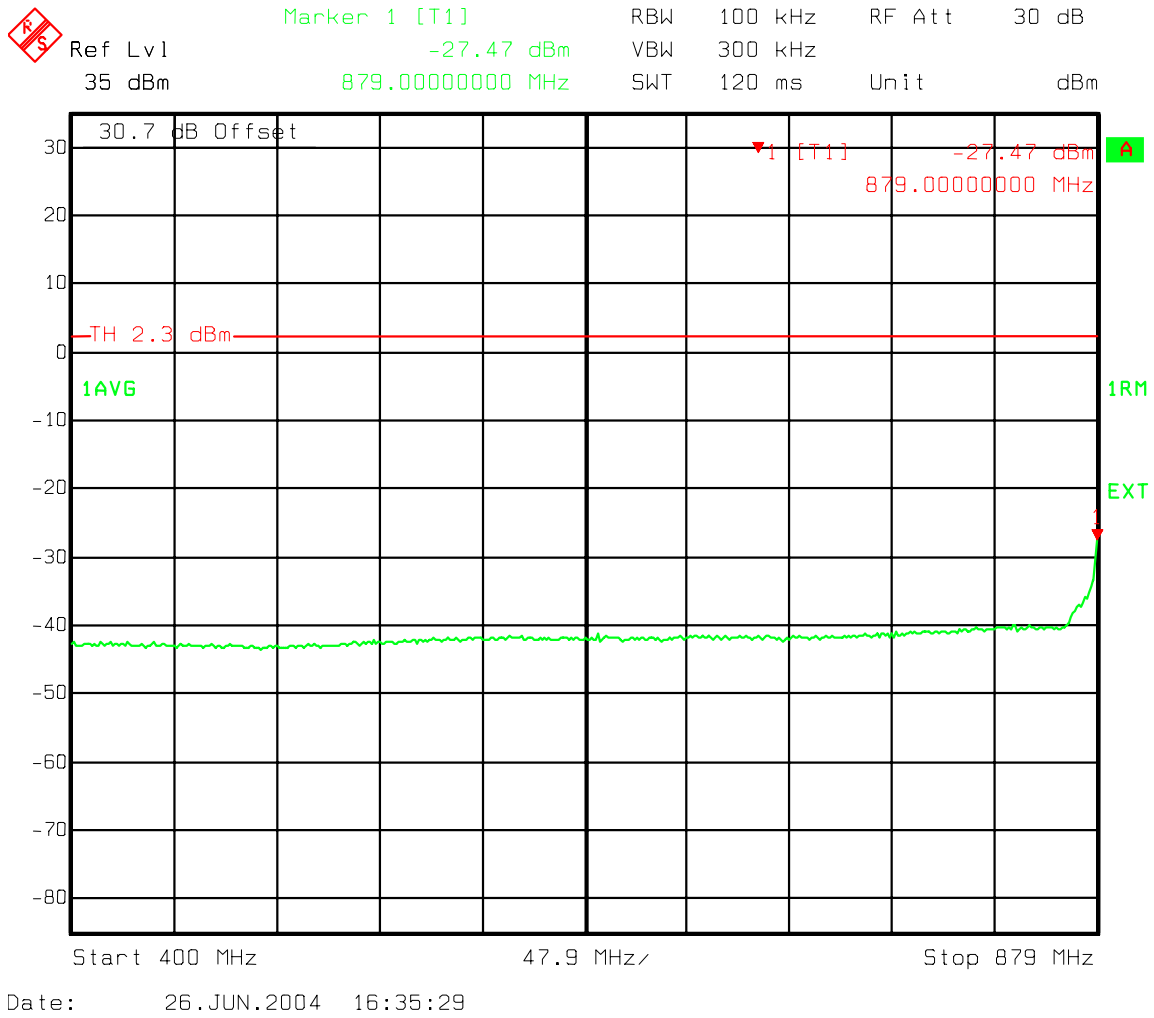
**B Band IS856-QPSK Spurious emissions 10kHz-400 MHz**



**Figure 169 : Three Carriers IS856 QPSK - B Band Spurious emissions 10kHz-400 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

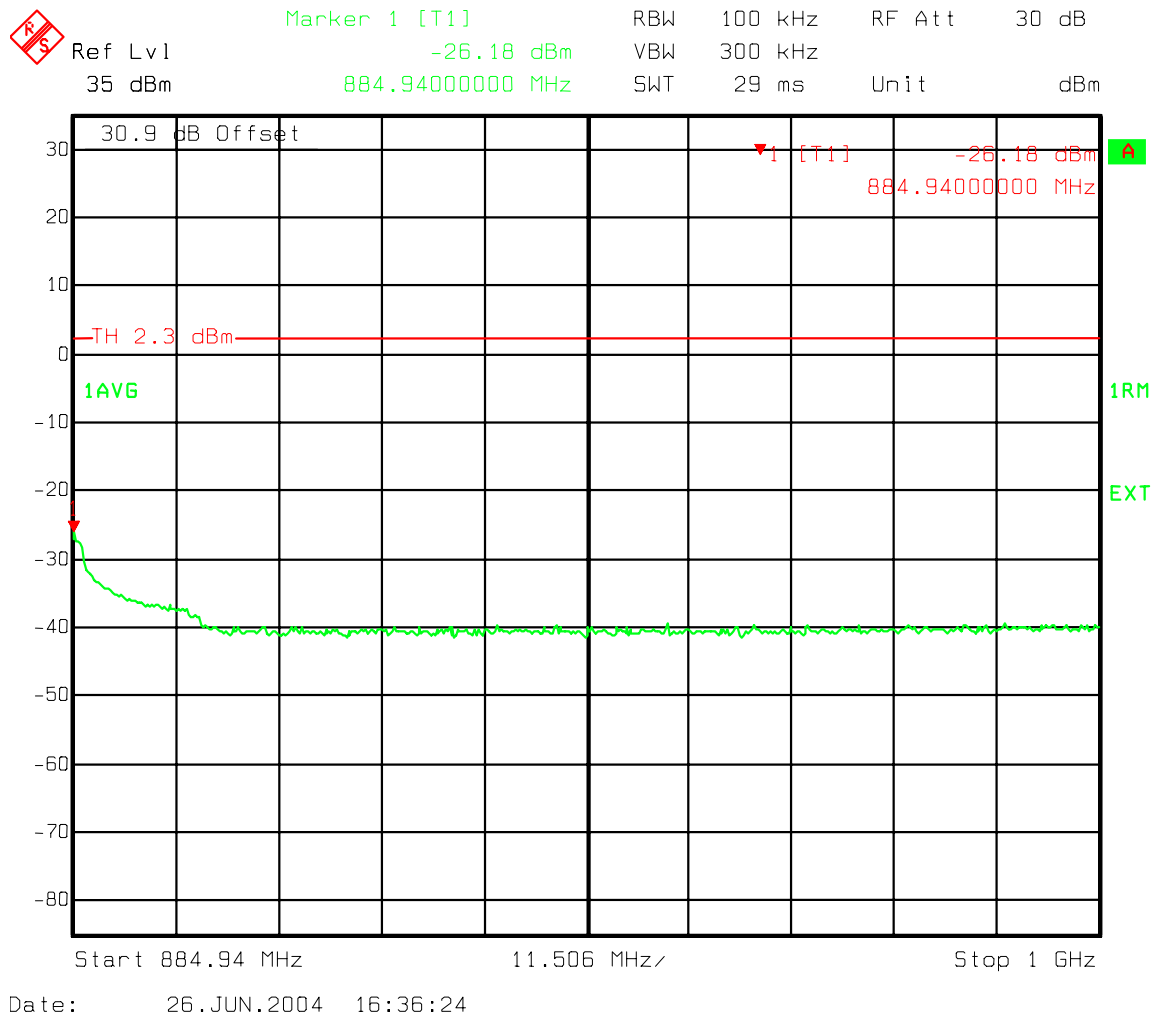
**B Band IS856-QPSK Spurious emissions 400MHz to Lower 1MHz Band Edge**



**Figure 170 : Three Carriers IS856 QPSK - B Band Spurious emissions 400 MHz to Lower 1 MHz Band Edge**

### Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK

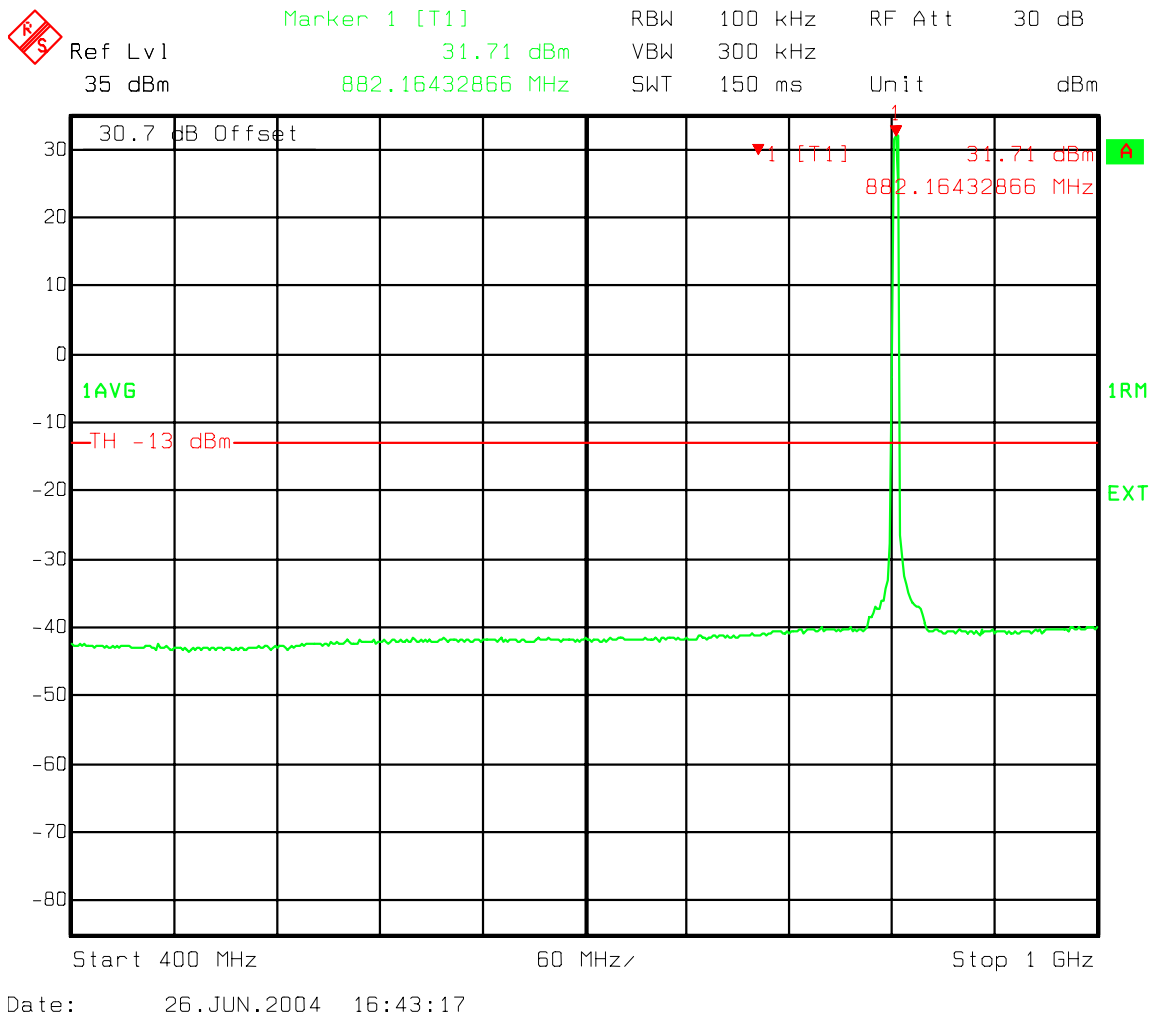
#### B Band IS856-QPSK Spurious emissions Upper 1MHz Band Edge to 1GHz



**Figure 171 : Three Carriers IS856 QPSK - B Band Spurious emissions Upper 1 MHz Band  
Edge to 1 GHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band IS856-QPSK Spurious emissions 400-1000 MHz**

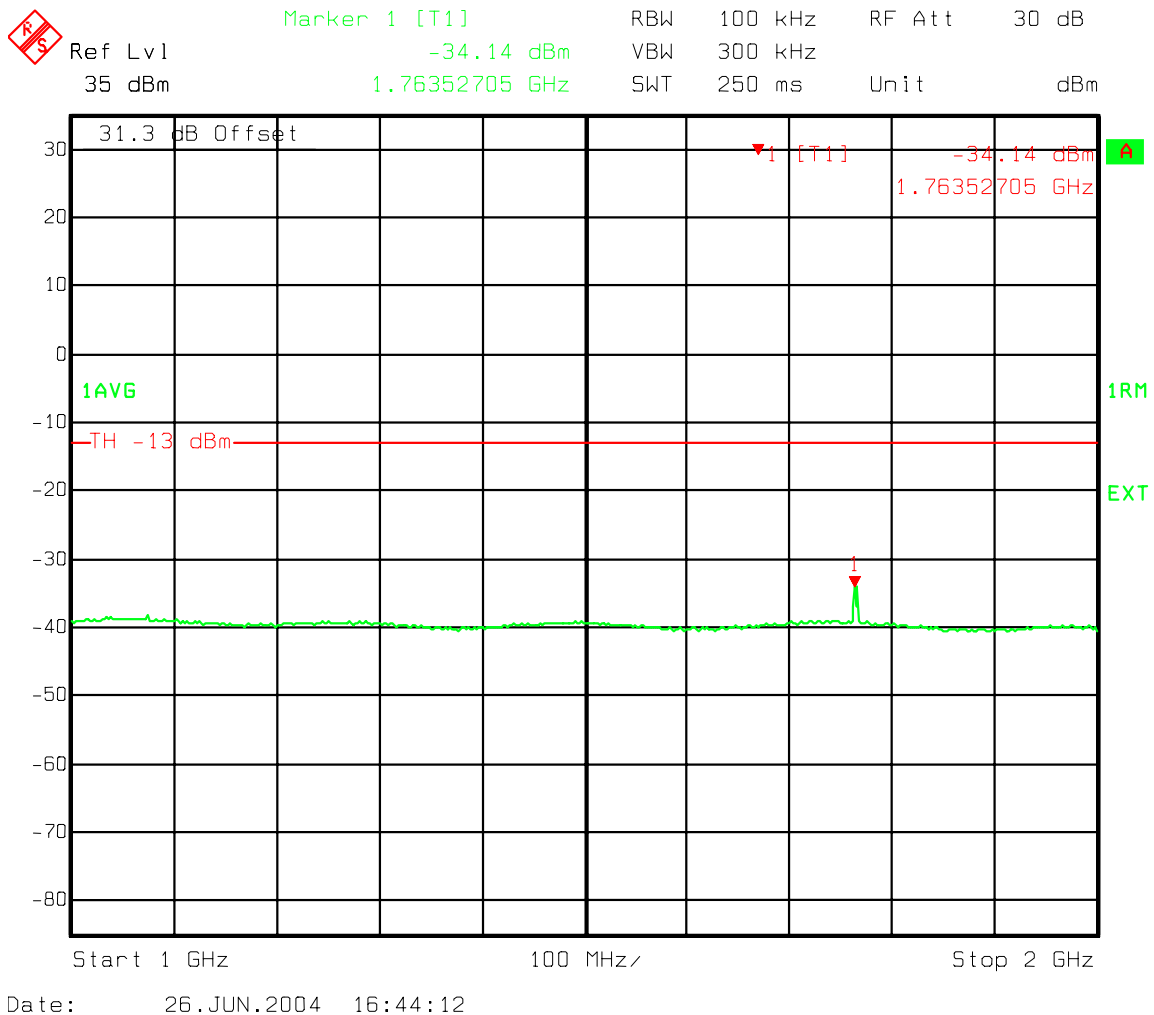


**Figure 172 : Three Carriers IS856 QPSK - B Band Spurious emissions 400-1000 MHz**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band IS856-QPSK Spurious emissions 1000-2000 MHz**



**Figure 173 : Three Carriers IS856 QPSK - B Band Spurious emissions 1000-2000 MHz**

### Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK

#### B Band IS856-QPSK Spurious emissions 2000-3000 MHz

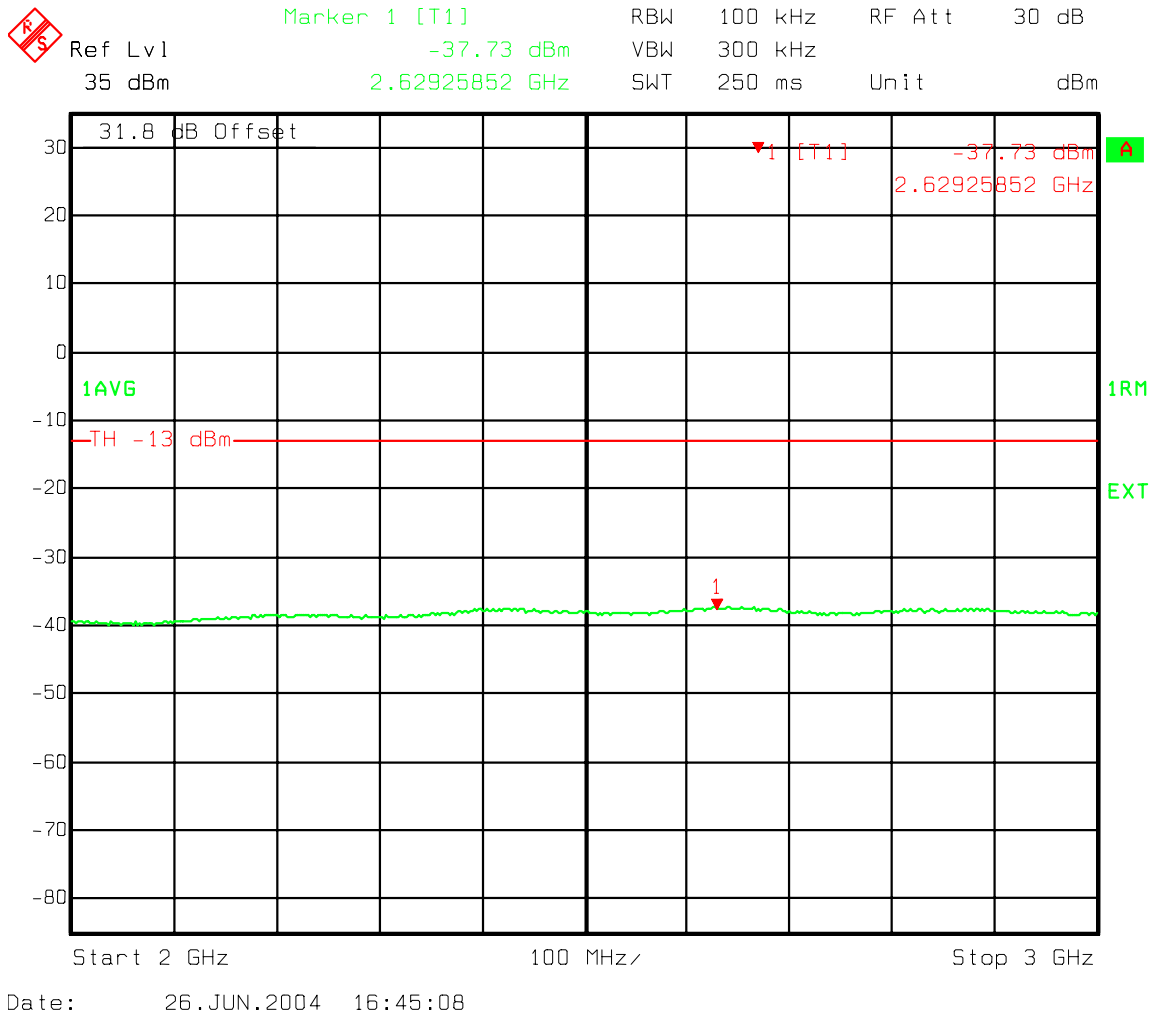
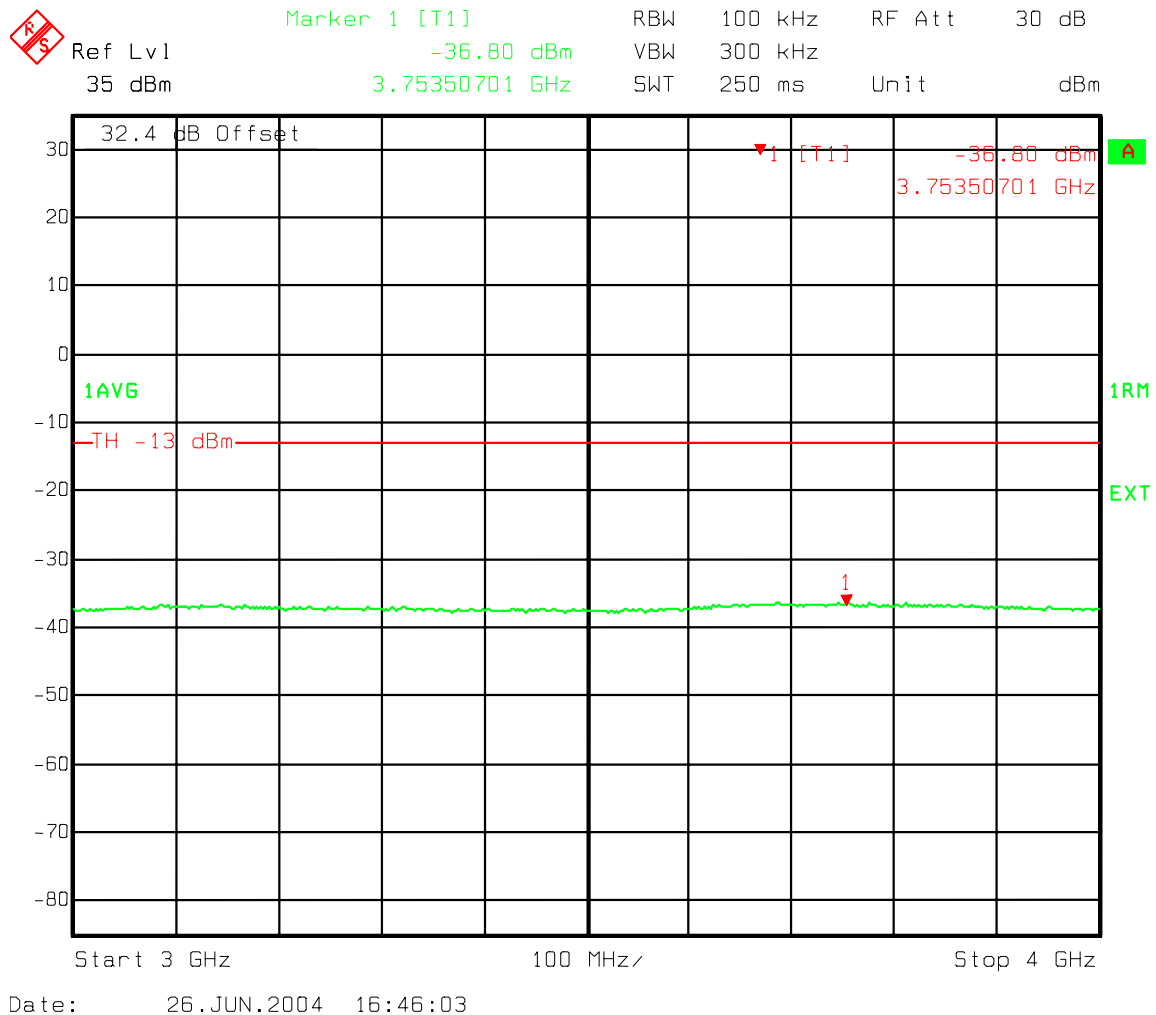


Figure 174 : Three Carriers IS856 QPSK - B Band Spurious emissions 2000-3000 MHz

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band IS856-QPSK Spurious emissions 3000-4000 MHz**



**Figure 175 : Three Carriers IS856 QPSK - B Band Spurious emissions 3000-4000 MHz**

### Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK

#### B Band IS856-QPSK Spurious emissions 4000-5000 MHz

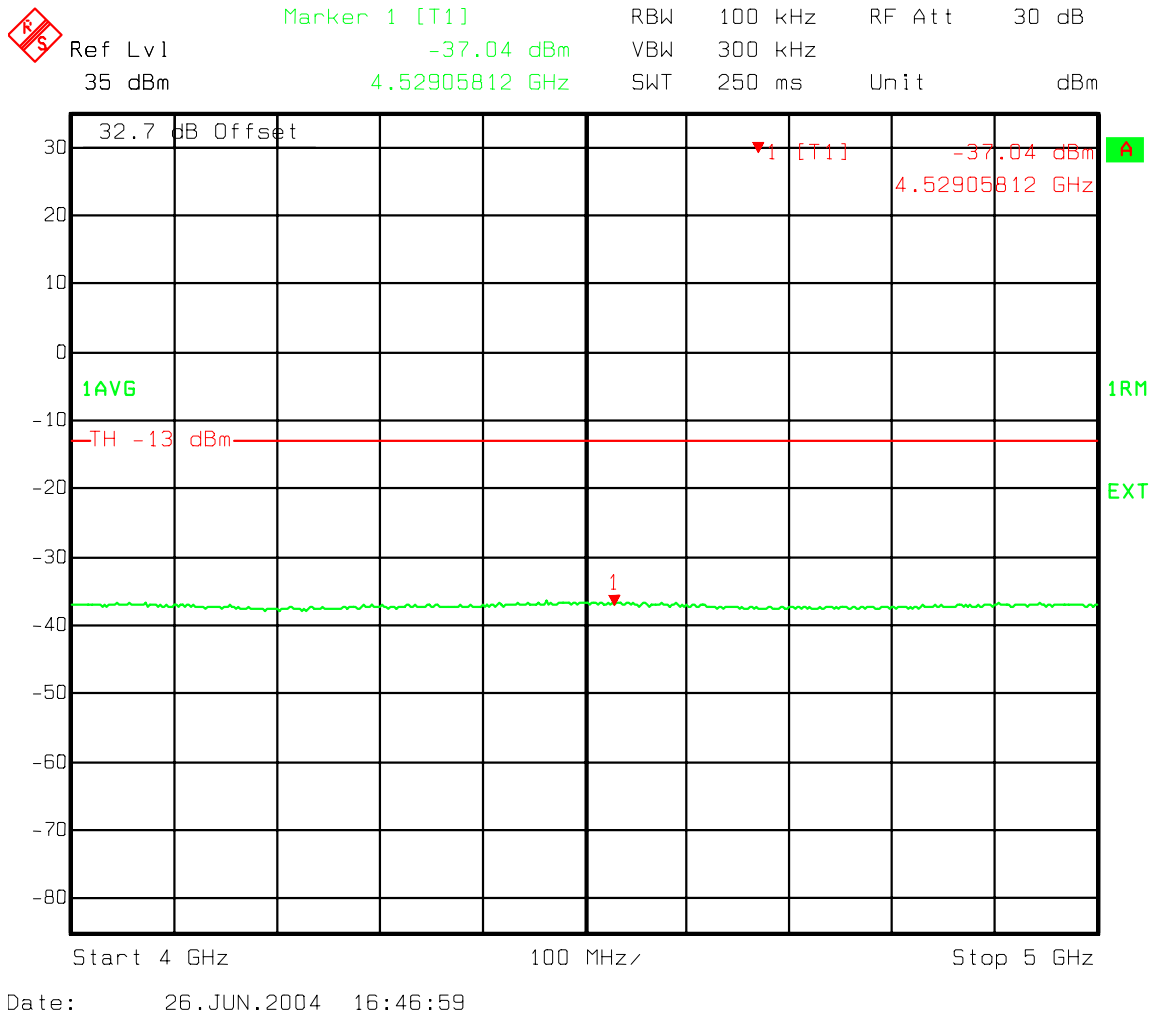
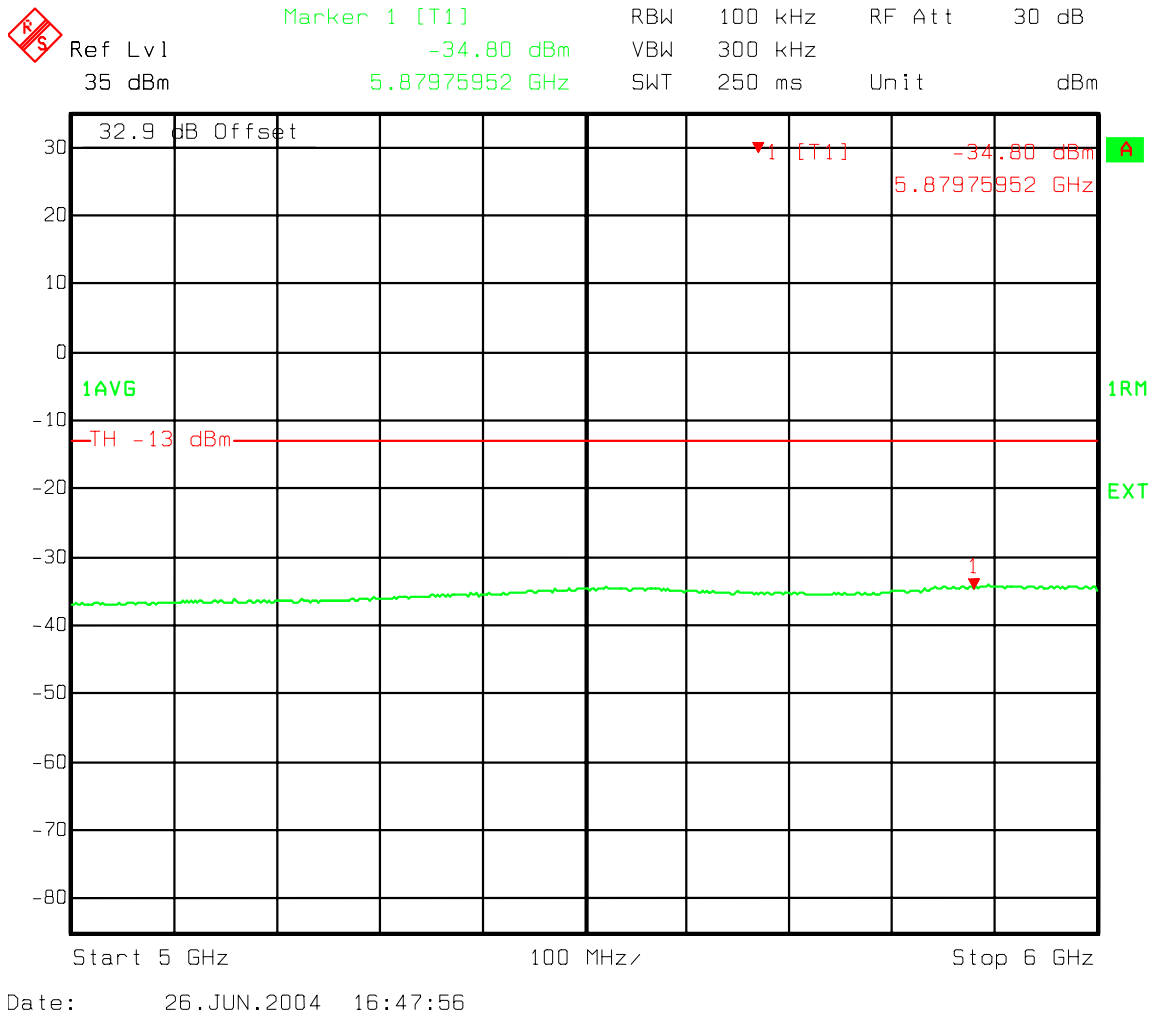


Figure 176 : Three Carriers IS856 QPSK - B Band Spurious emissions 4000-5000 MHz

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

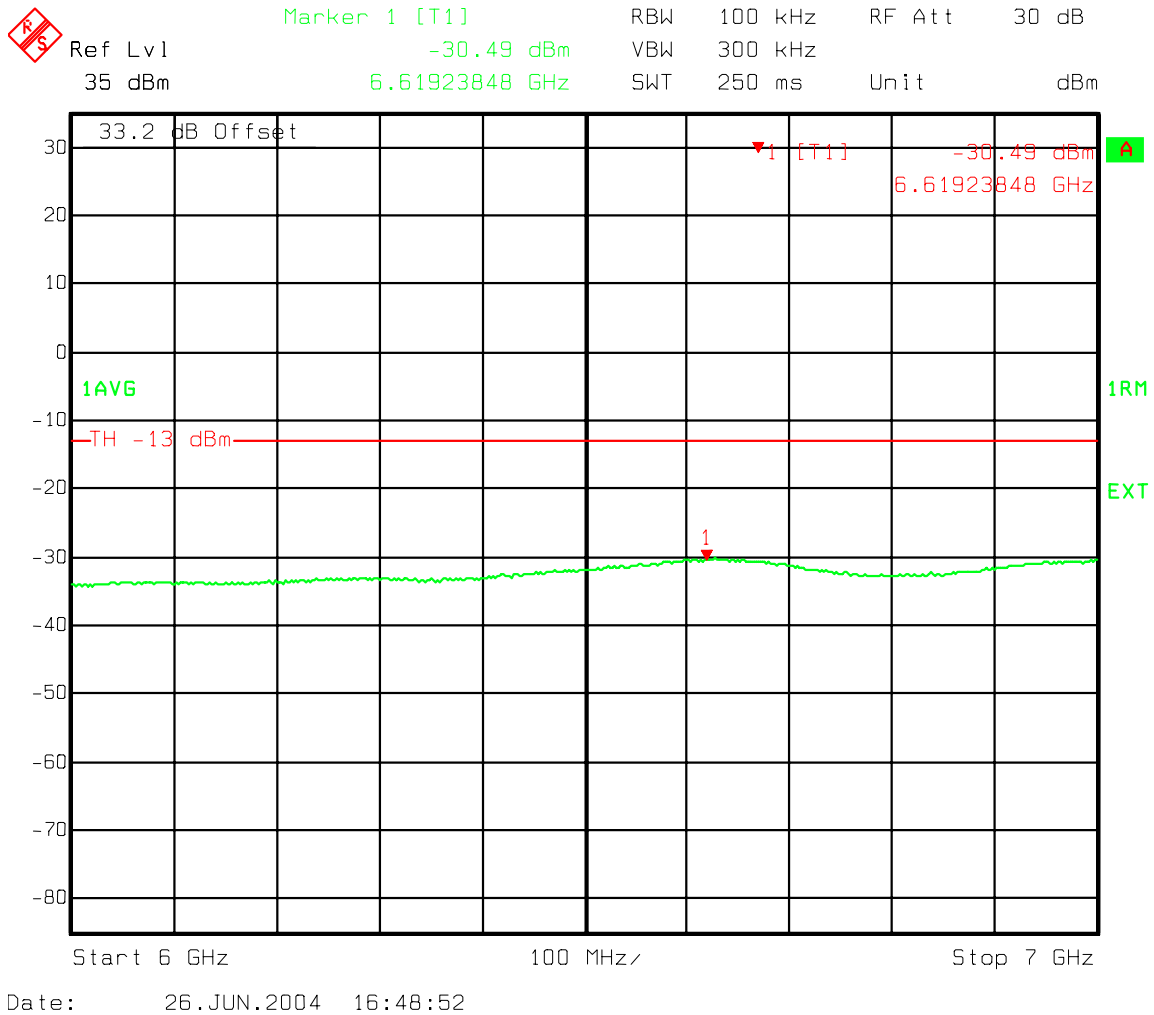
**B Band IS856-QPSK Spurious emissions 5000-6000 MHz**



**Figure 177 : Three Carriers IS856 QPSK - B Band Spurious emissions 5000-6000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

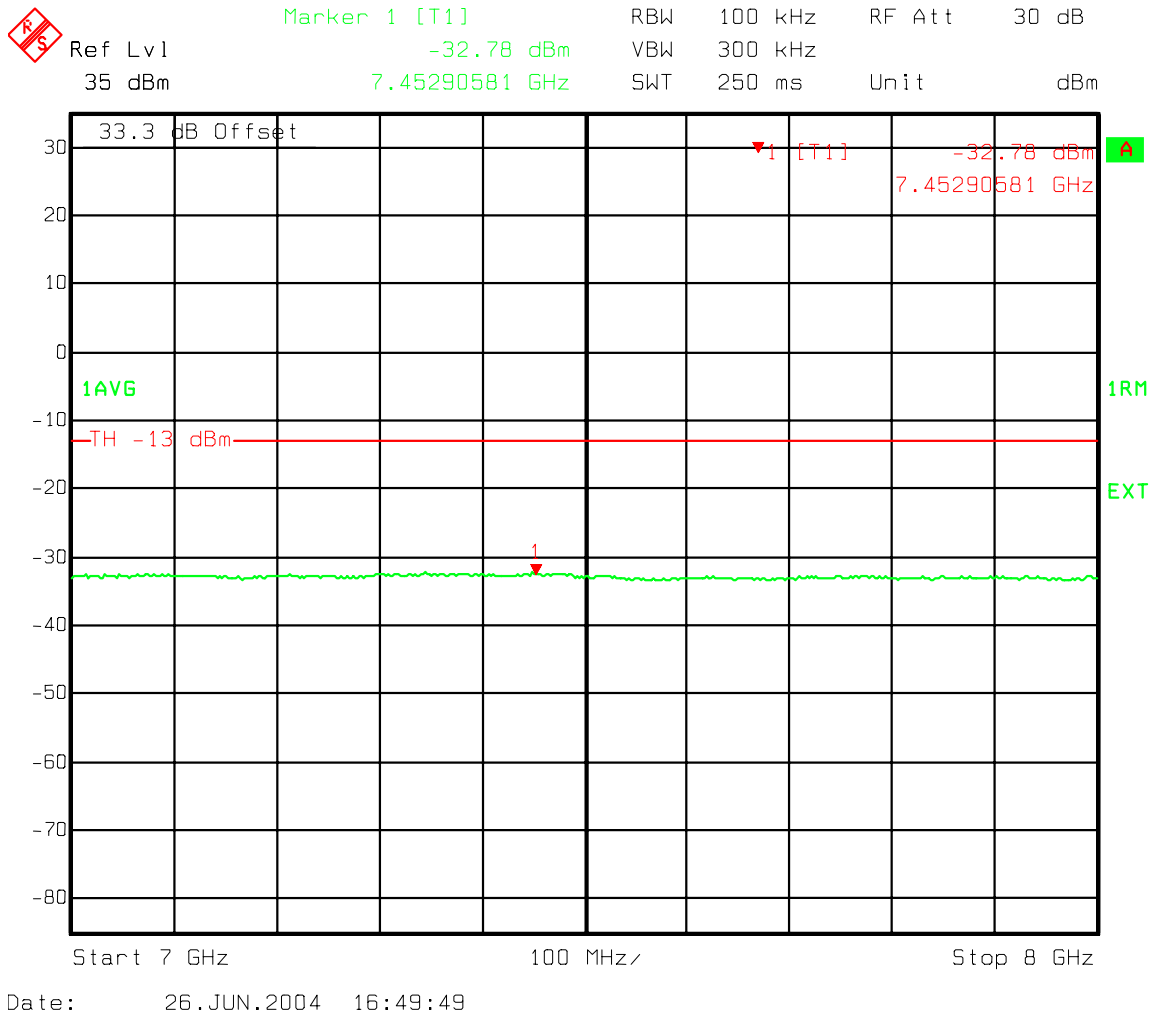
**B Band IS856-QPSK Spurious emissions 6000-7000 MHz**



**Figure 178 : Three Carriers IS856 QPSK - B Band Spurious emissions 6000-7000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
 CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

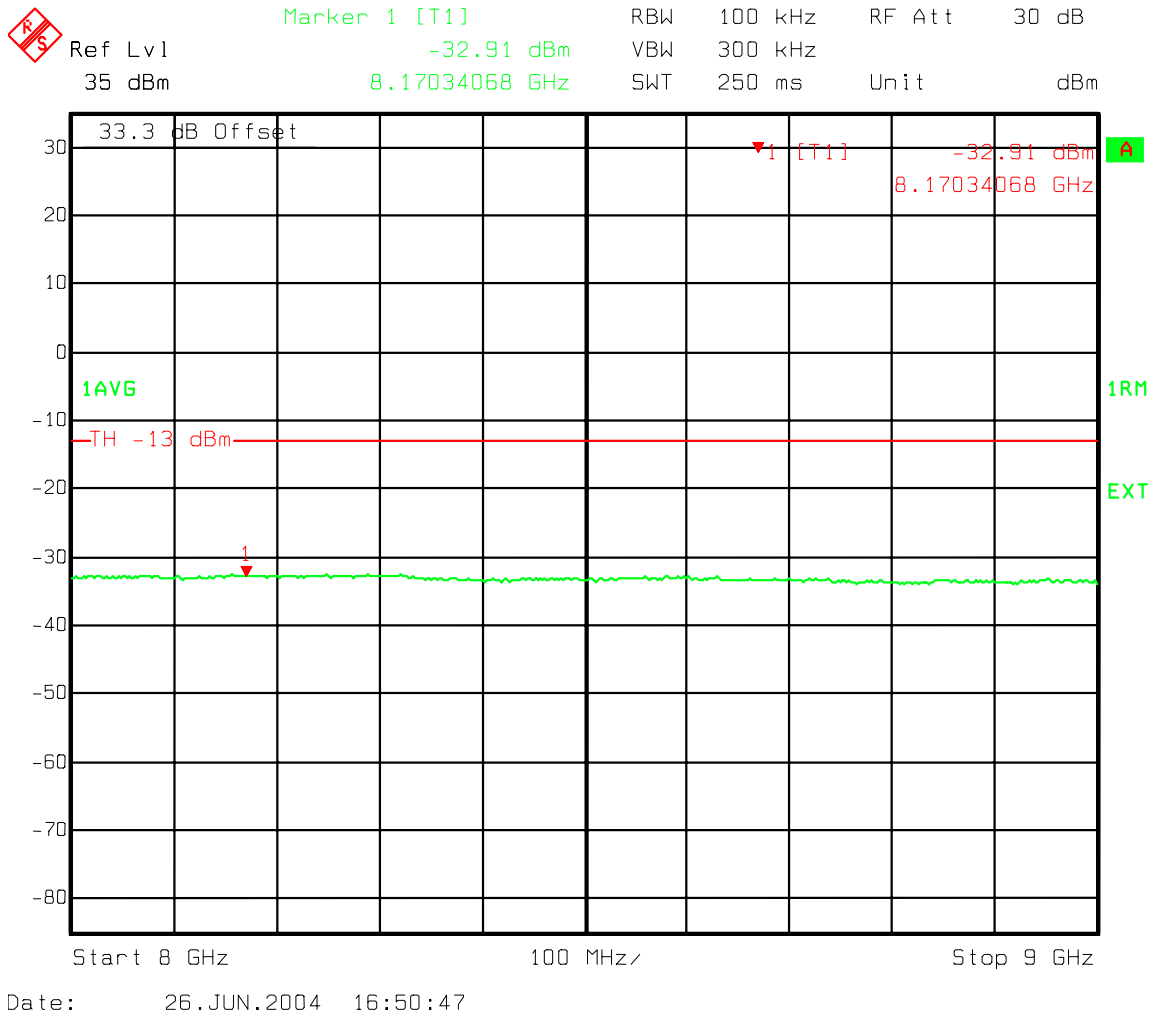
**B Band IS856-QPSK Spurious emissions 7000-8000 MHz**



**Figure 179 : Three Carriers IS856 QPSK - B Band Spurious emissions 7000-8000 MHz**

**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band IS856-QPSK Spurious emissions 8000-9000 MHz**

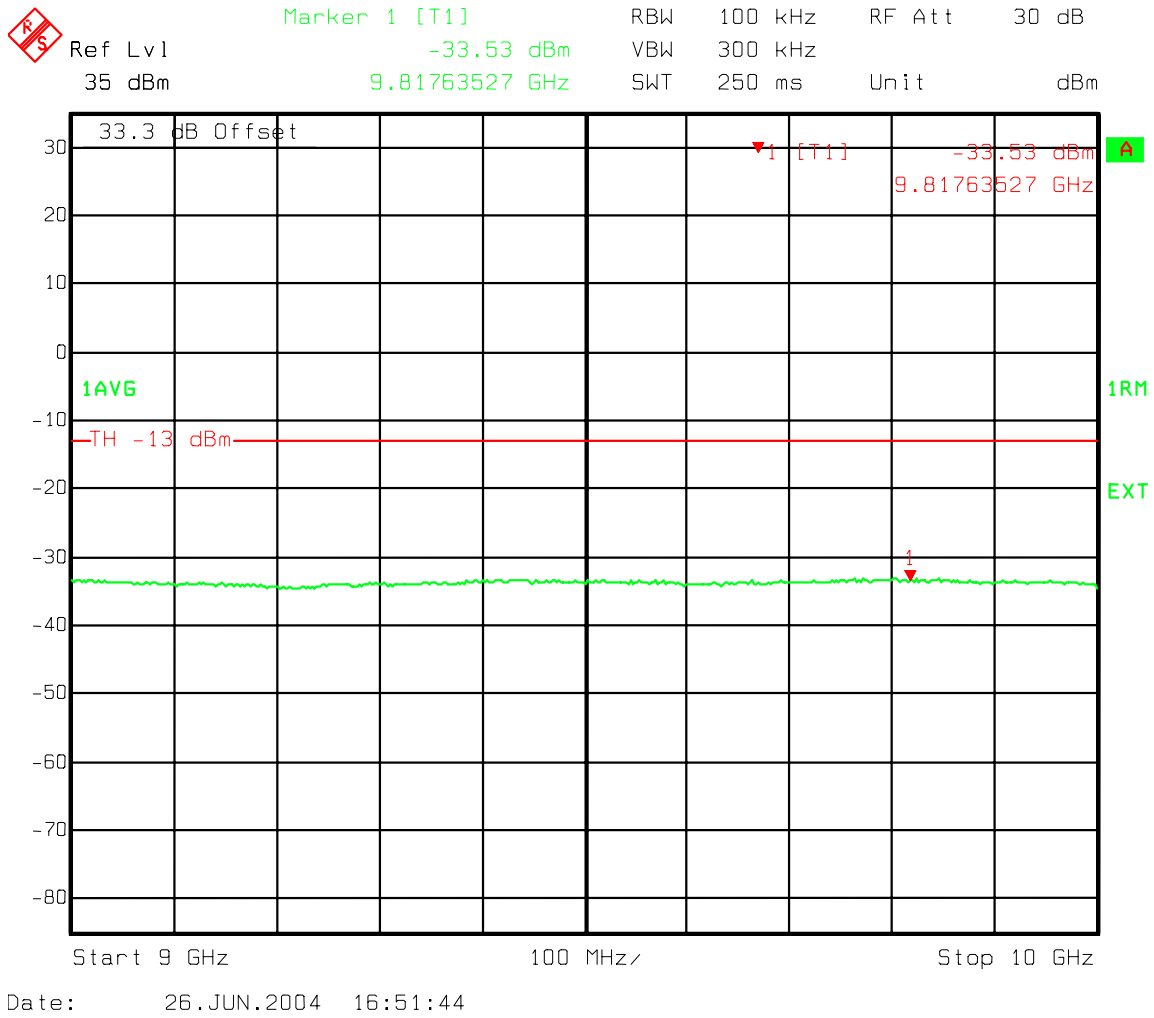


**Figure 180 : Three Carriers IS856 QPSK - B Band Spurious emissions 8000-9000 MHz**



**Three Channel 358, 399, 440 and 560, 601, 642 Spurious Emissions at the 800 MHz  
CBTS\_AW06 Ant. Port Three Carrier band B IS856-QPSK**

**B Band IS856-QPSK Spurious emissions 9000-10000 MHz**



**Figure 181 : Three Carriers IS856 QPSK - B Band Spurious emissions 9000-10000 MHz**

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## References

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