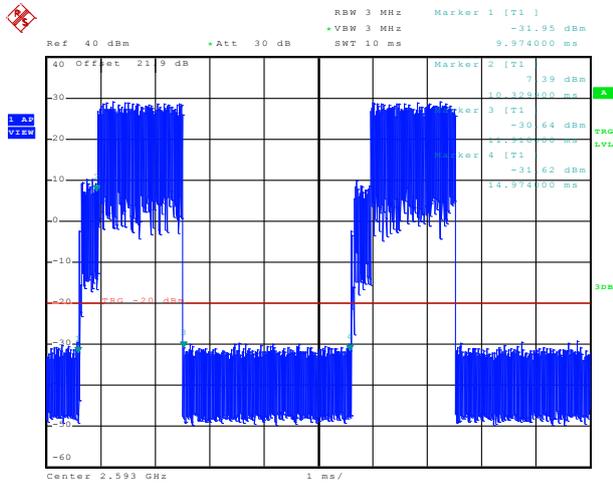


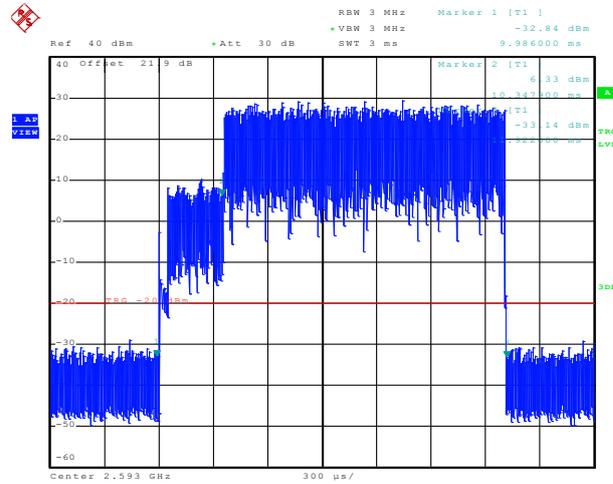


PUSC, QPSK 3/4, BW 5MHz, 2593.0 MHz

Plot A



Plot B



Frame Length

= Mark 4 – Mark 1 = 14.974 – 9.974 = 5 ms

Control Symbols (3 symbols)

= Mark 2 – Mark 1 = 10.347 – 9.986 = 0.361 ms

UL Data Symbols (15 symbols)

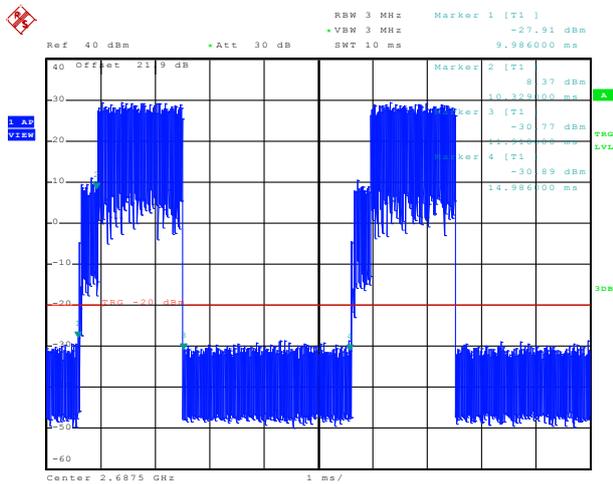
= Mark 3 – Mark 2 = 11.922 – 10.347 = 1.575 ms

Duty Cycle

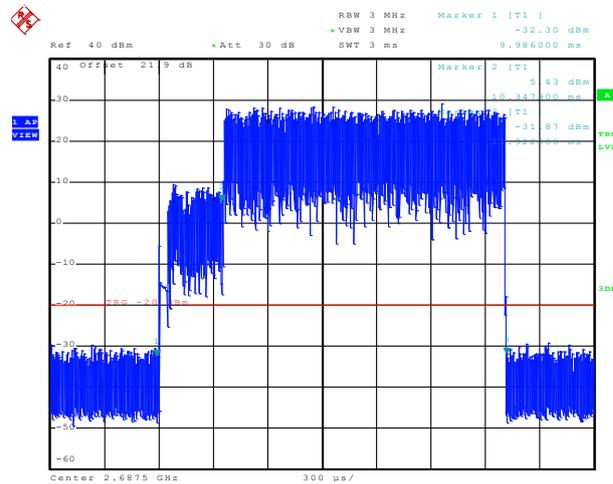
= 15 data symbols UL time / Frame Length x 100 %  
= 1.575 / 5 x 100 % = 31.5 %

PUSC, QPSK 3/4, BW 5MHz, 2687.5 MHz

Plot A



Plot B



Frame Length

= Mark 4 – Mark 1 = 14.986 – 9.986 = 5 ms

Control Symbols (3 symbols)

= Mark 2 – Mark 1 = 10.347 – 9.986 = 0.361 ms

UL Data Symbols (15 symbols)

= Mark 3 – Mark 2 = 11.922 – 10.347 = 1.575 ms

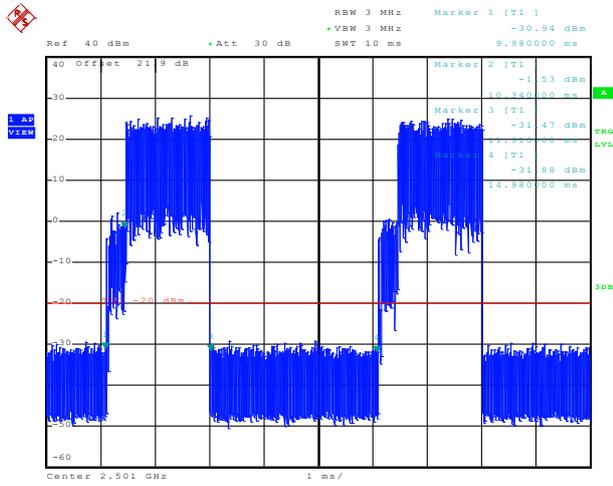
Duty Cycle

= 15 data symbols UL time / Frame Length x 100 %  
= 1.575 / 5 x 100 % = 31.5 %

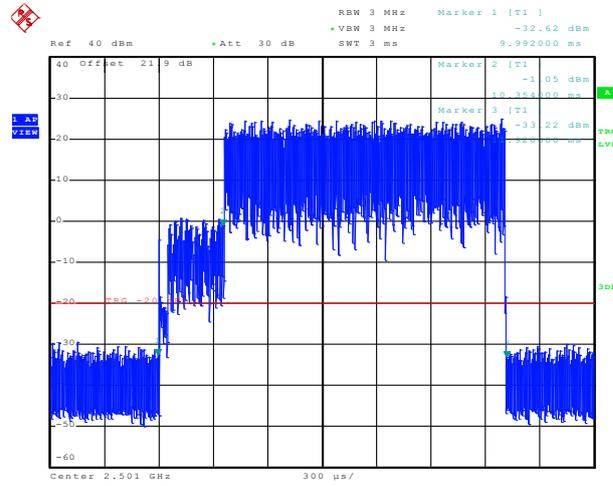


PUSC, QPSK 3/4, BW 10MHz, 2501.0 MHz

Plot A



Plot B

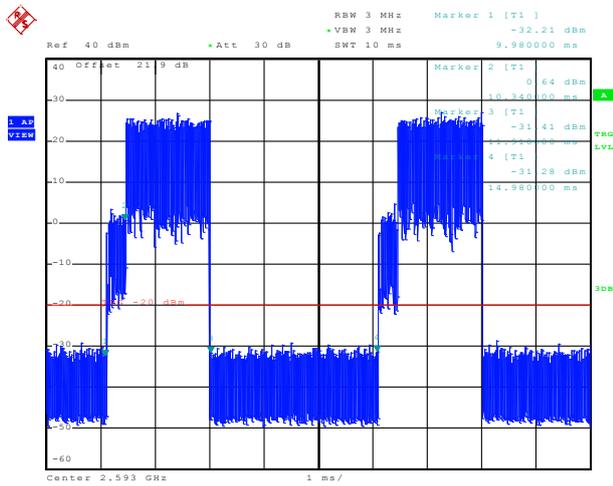


**Frame Length**  
 = Mark 4 – Mark 1 = 14.98 – 9.98 = 5 ms

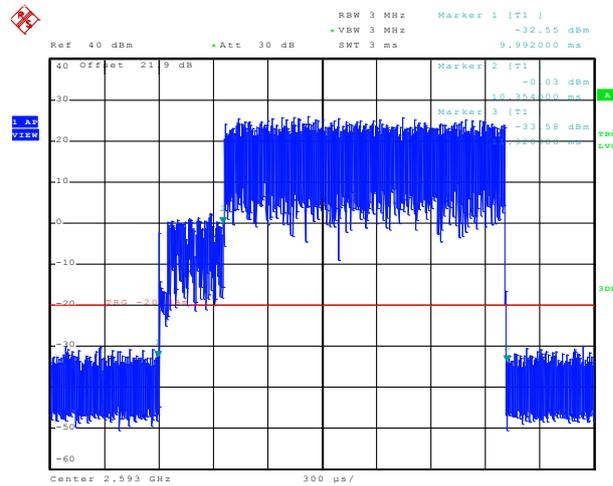
**Control Symbols (3 symbols)**  
 = Mark 2 – Mark 1 = 10.354 – 9.992 = 0.362 ms  
**UL Data Symbols (15 symbols)**  
 = Mark 3 – Mark 2 = 11.92 – 10.354 = 1.566 ms  
**Duty Cycle**  
 = 15 data symbols UL time / Frame Length x 100 %  
 = 1.566 / 5 x 100 % = 31.3 %

PUSC, QPSK 3/4, BW 10MHz, 2593.0 MHz

Plot A



Plot B



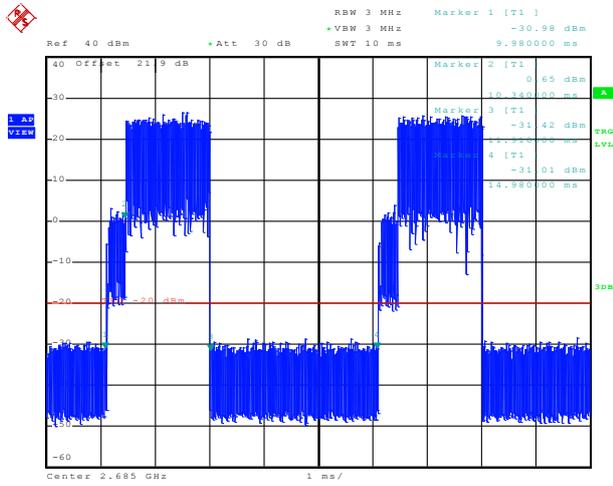
**Frame Length**  
 = Mark 4 – Mark 1 = 14.98 – 9.98 = 5 ms

**Control Symbols (3 symbols)**  
 = Mark 2 – Mark 1 = 10.354 – 9.992 = 0.362 ms  
**UL Data Symbols (15 symbols)**  
 = Mark 3 – Mark 2 = 11.92 – 10.354 = 1.566 ms  
**Duty Cycle**  
 = 15 data symbols UL time / Frame Length x 100 %  
 = 1.566 / 5 x 100 % = 31.3 %

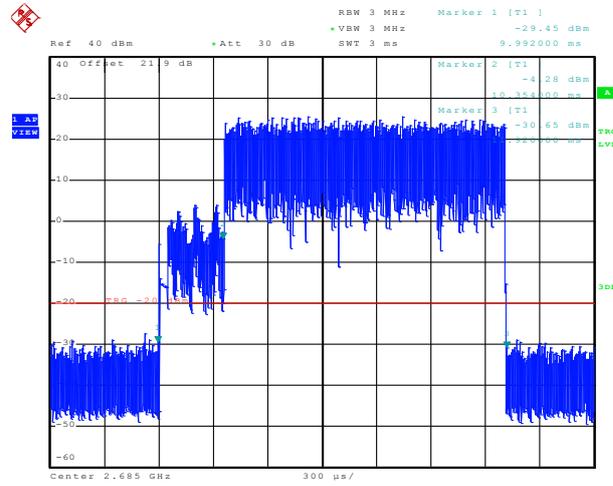


PUSC, QPSK 3/4, BW 10MHz, 2685.0 MHz

Plot A



Plot B



Frame Length

= Mark 4 – Mark 1 = 14.98 – 9.98 = 5 ms

Control Symbols (3 symbols)

= Mark 2 – Mark 1 = 10.354 – 9.992 = 0.362 ms

UL Data Symbols (15 symbols)

= Mark 3 – Mark 2 = 11.92 – 10.354 = 1.566 ms

Duty Cycle

= 15 data symbols UL time / Frame Length x 100 %  
= 1.566 / 5 x 100 % = 31.3 %