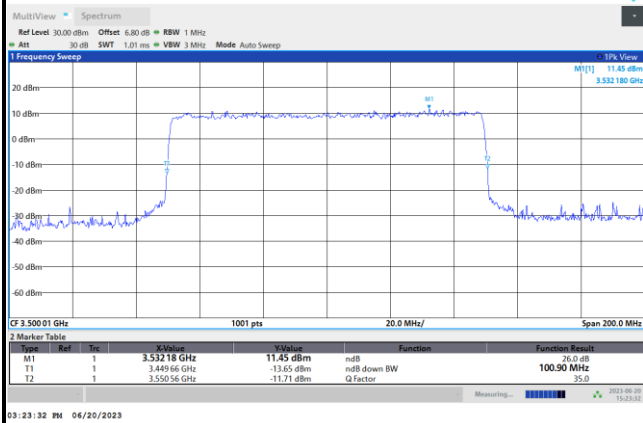


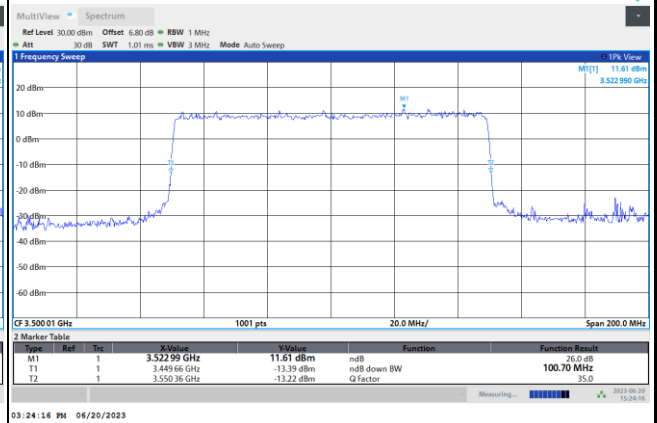


## FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

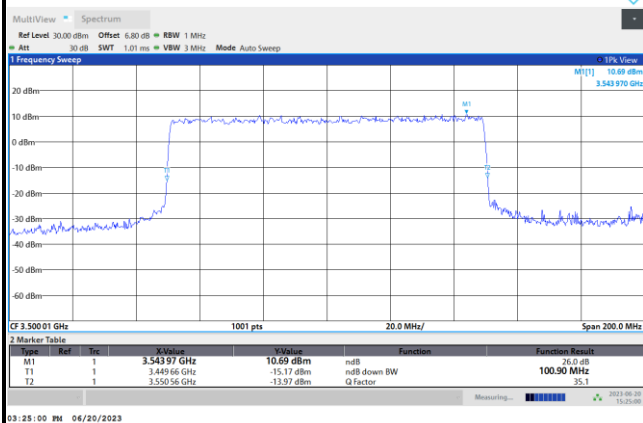
## QPSK



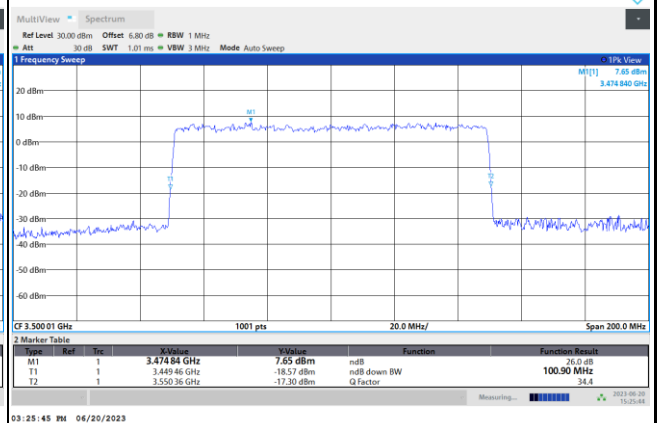
## 16QAM



## 64QAM



## 256QAM



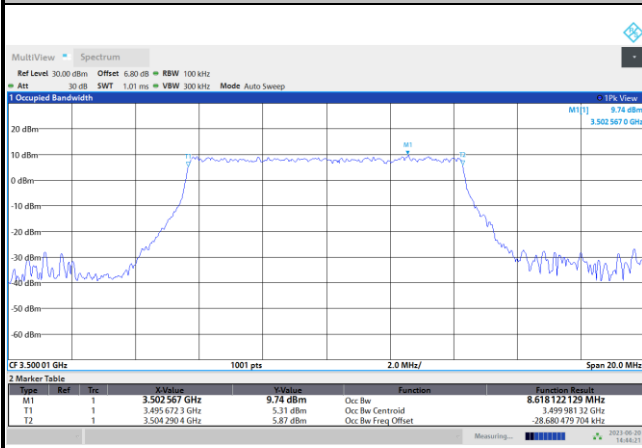
**Occupied Bandwidth**

| Mode      | FR1 n77 : OB BW(MHz) / CP OFDM |        |       |        |       |        |        |        |
|-----------|--------------------------------|--------|-------|--------|-------|--------|--------|--------|
| BW        | 10MHz                          |        | 15MHz |        | 20MHz |        | 25MHz  |        |
| Mod.      | QPSK                           | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 8.61                           | 8.60   | 13.64 | 13.70  | 18.26 | 18.27  | -      | -      |
| Mod.      | 64QAM                          | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 8.58                           | 8.61   | 13.72 | 13.67  | 18.28 | 18.27  | -      | -      |
| BW        | 30MHz                          |        | 40MHz |        | 50MHz |        | 60MHz  |        |
| Mod.      | QPSK                           | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 27.84                          | 27.84  | 38.08 | 38.00  | 47.63 | 47.63  | 57.97  | 57.84  |
| Mod.      | 64QAM                          | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 27.89                          | 27.83  | 38.05 | 38.01  | 47.59 | 47.50  | 57.87  | 57.82  |
| BW        | 70MHz                          |        | 80MHz |        | 90MHz |        | 100MHz |        |
| Mod.      | QPSK                           | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 67.46                          | 67.65  | 77.49 | 77.34  | 87.61 | 87.37  | 97.27  | 97.42  |
| Mod.      | 64QAM                          | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 67.45                          | 67.49  | 77.52 | 77.48  | 87.57 | 87.50  | 97.63  | 97.43  |

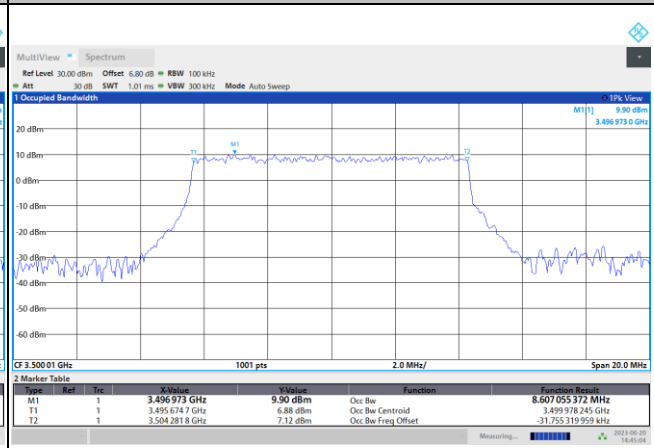


## FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

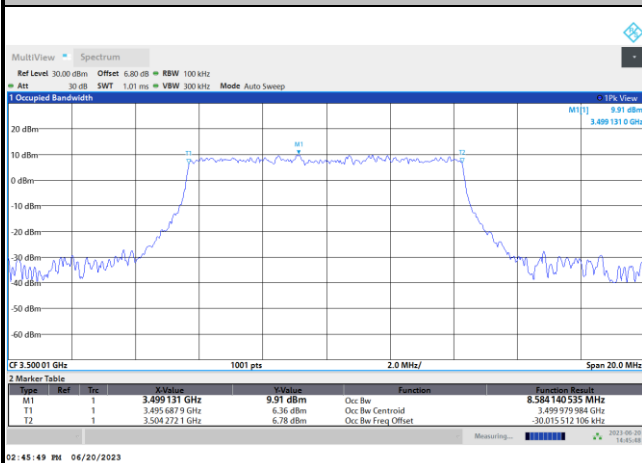
## QPSK



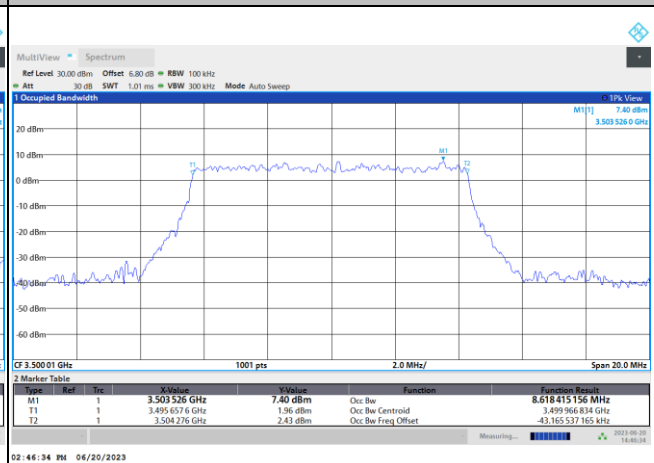
## 16QAM



## 64QAM



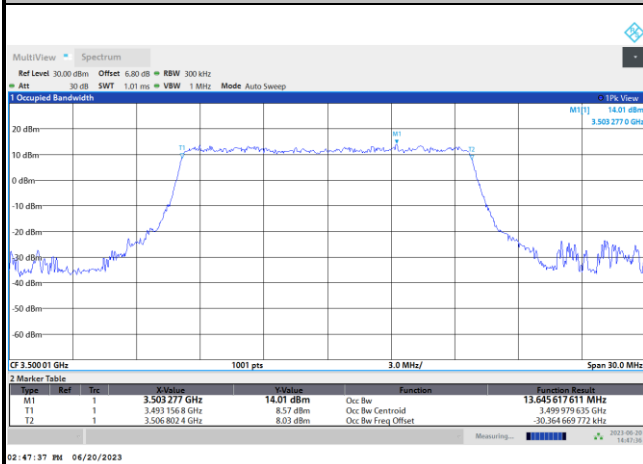
## 256QAM





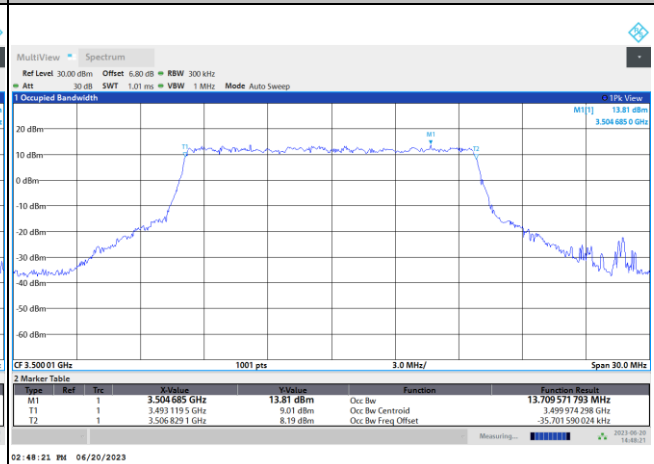
## FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

## QPSK



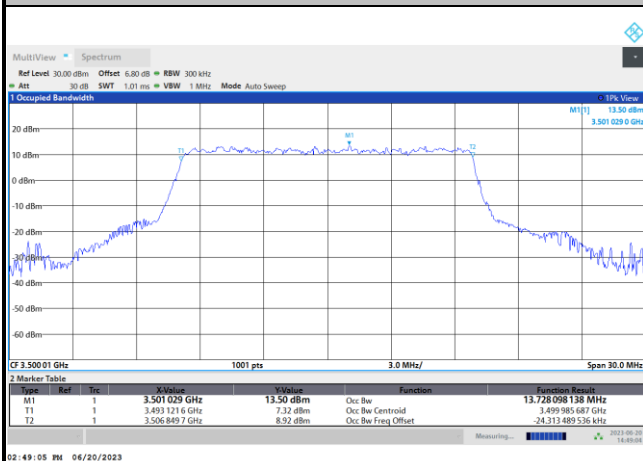
02:47:37 PM 06/20/2023

## 16QAM



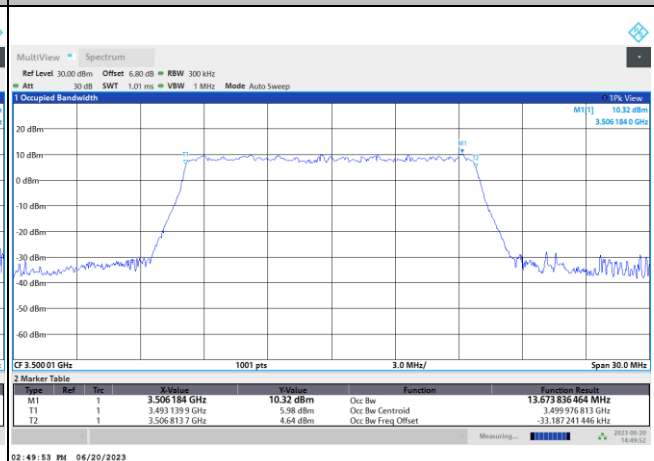
02:48:21 PM 06/20/2023

## 64QAM



02:49:05 PM 06/20/2023

## 256QAM

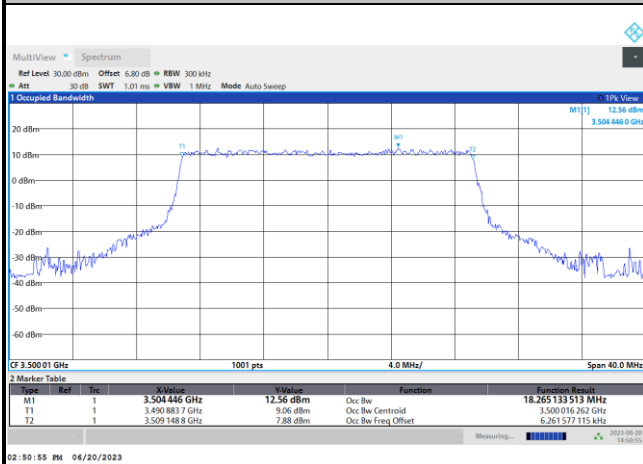


02:49:53 PM 06/20/2023



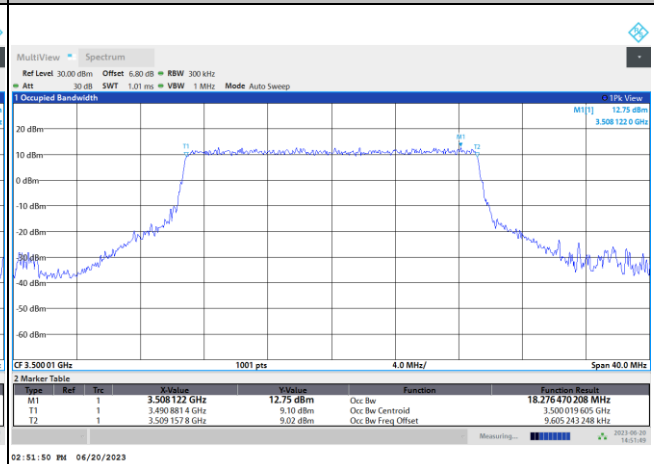
## FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

## QPSK



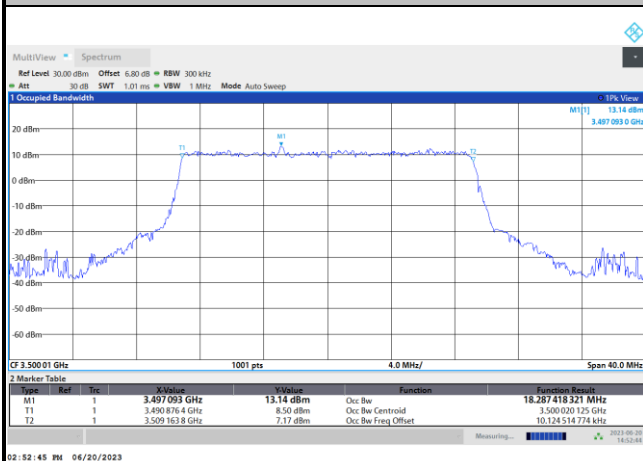
02:50:55 PM 06/20/2023

## 16QAM



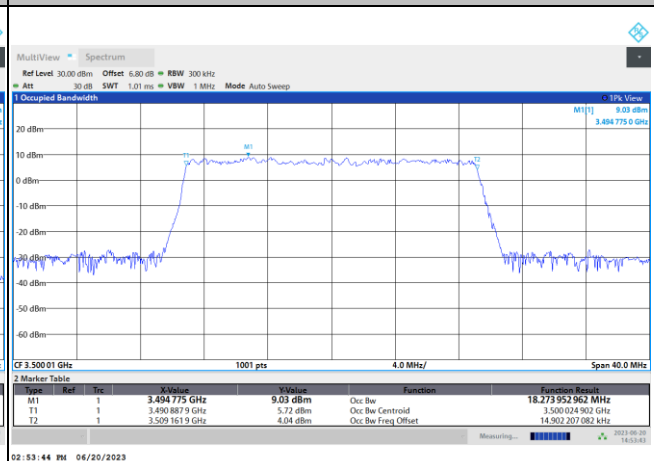
02:51:50 PM 06/20/2023

## 64QAM



02:52:45 PM 06/20/2023

## 256QAM

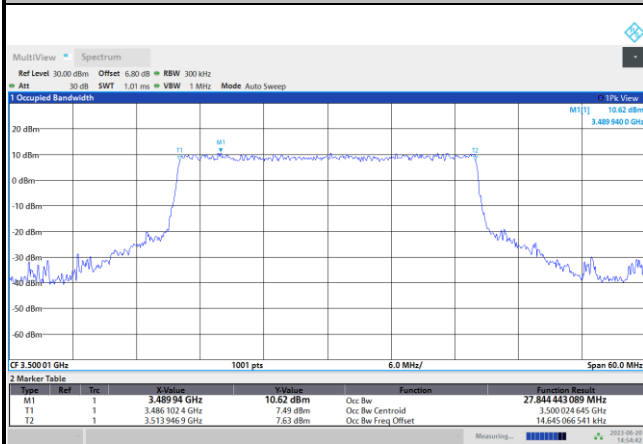


02:53:44 PM 06/20/2023

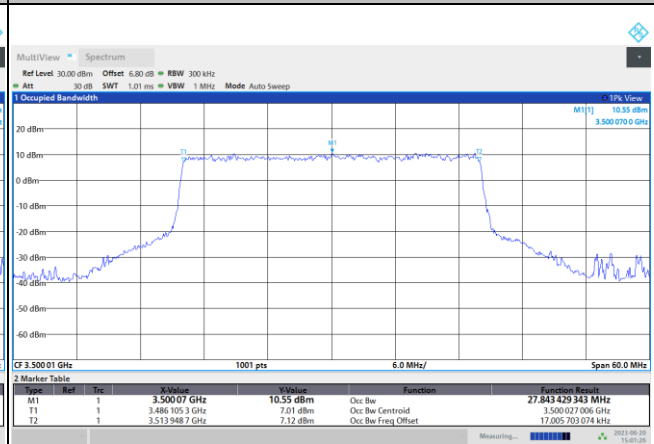


## FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

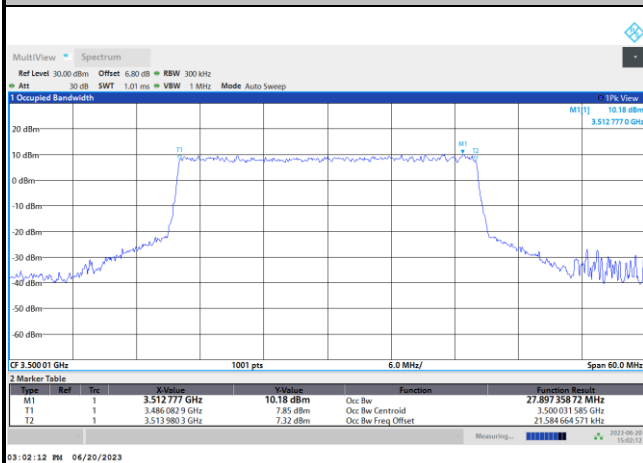
## QPSK



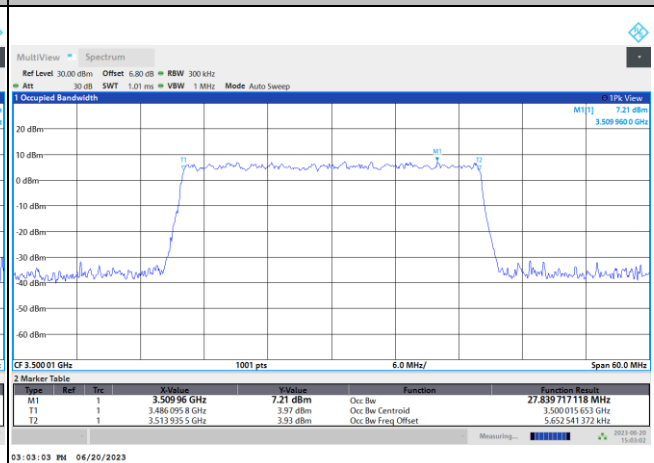
## 16QAM



## 64QAM



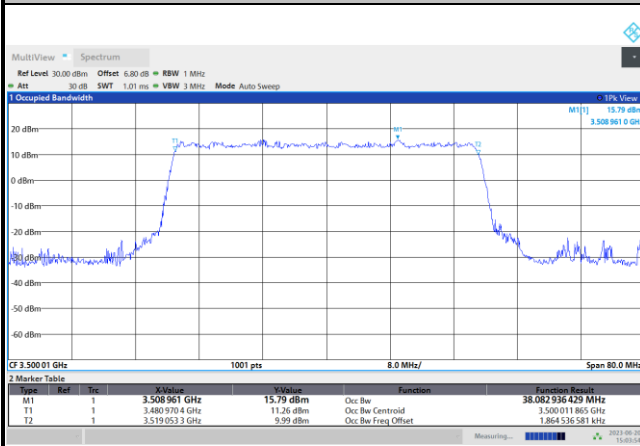
## 256QAM



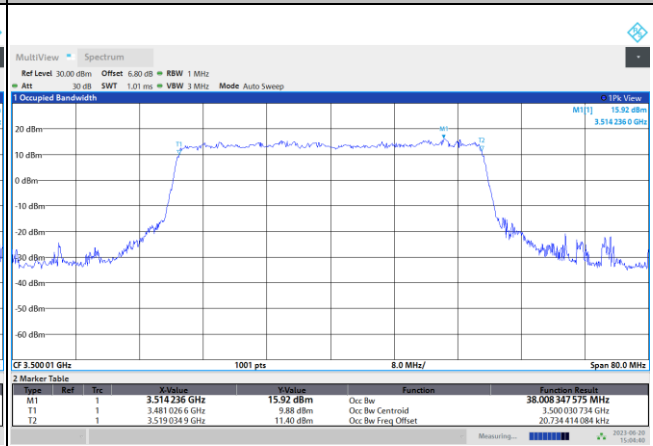


## FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

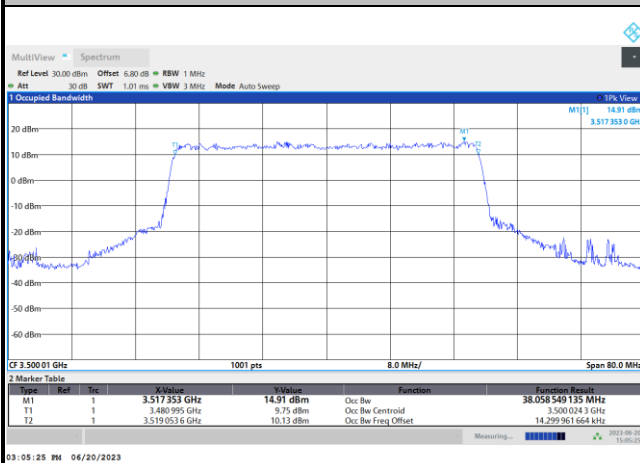
## QPSK



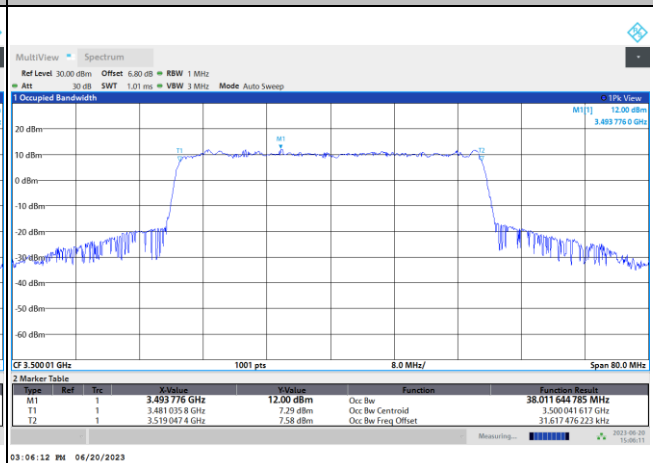
## 16QAM



## 64QAM



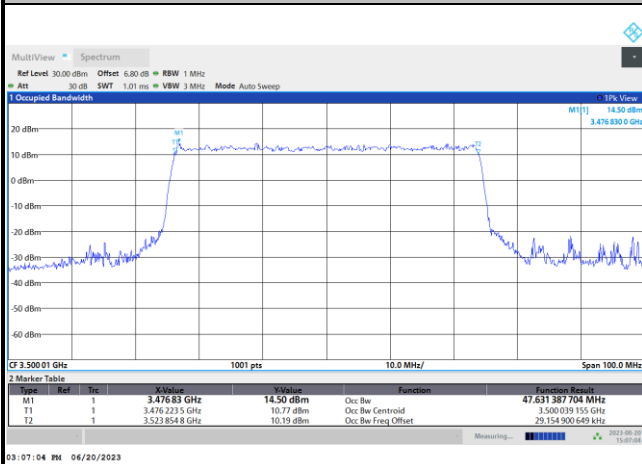
## 256QAM



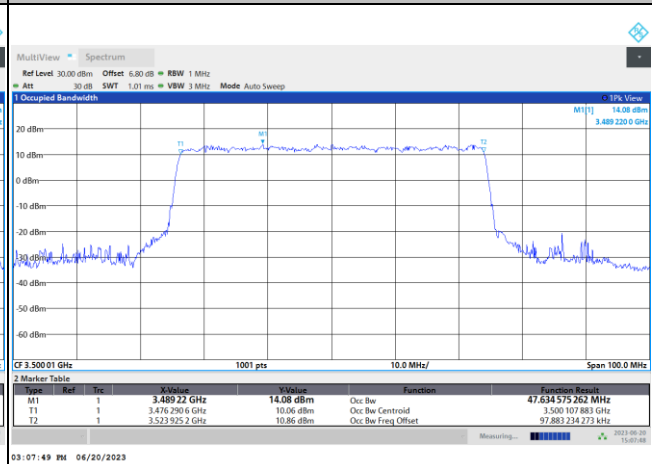


## FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

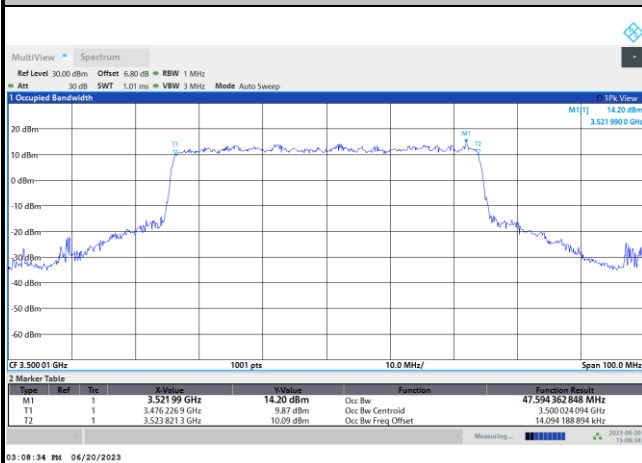
## QPSK



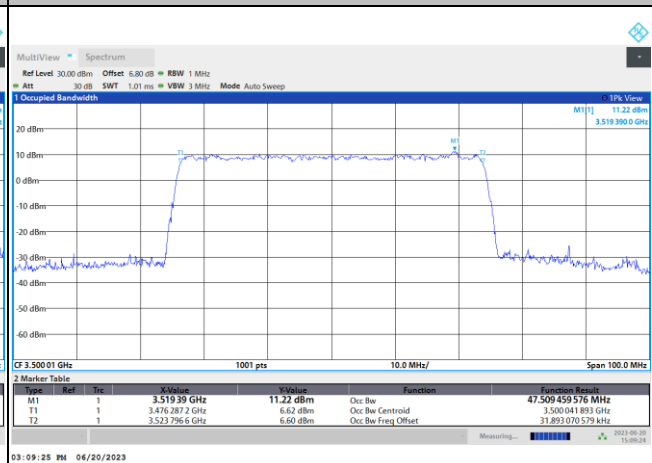
## 16QAM



## 64QAM



## 256QAM

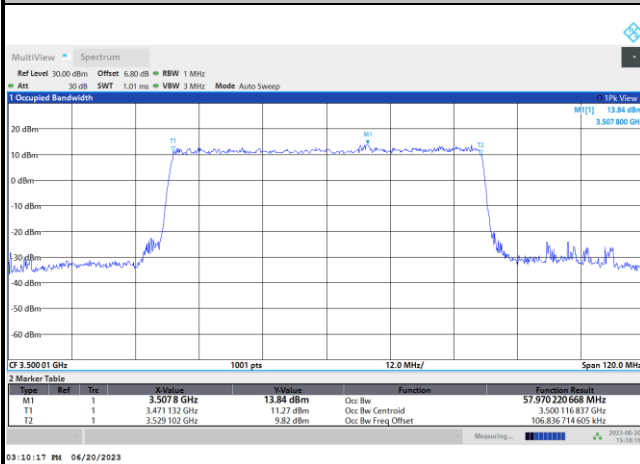






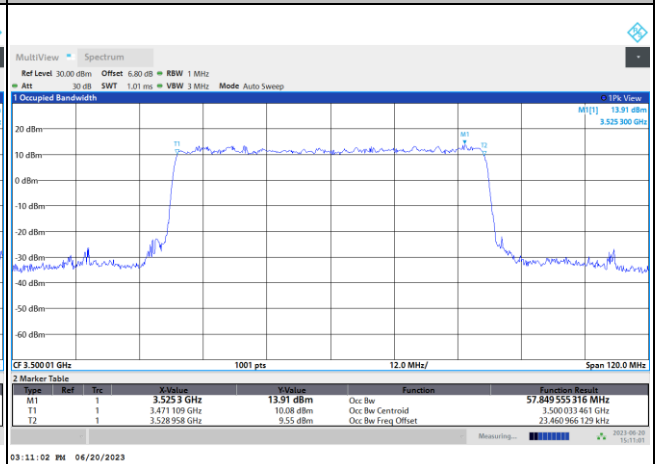
## FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

## QPSK



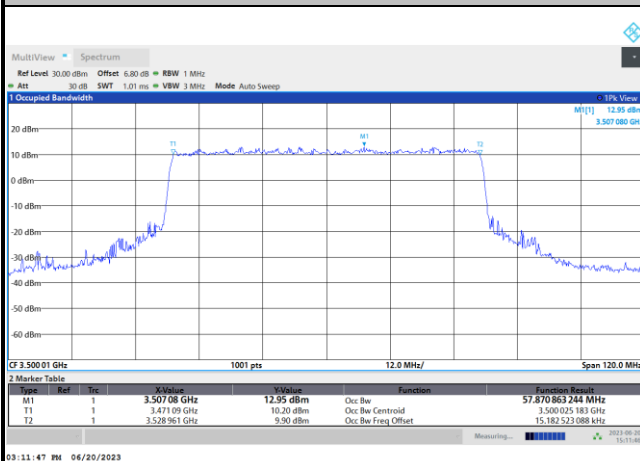
03:10:17 PM 06/20/2023

## 16QAM



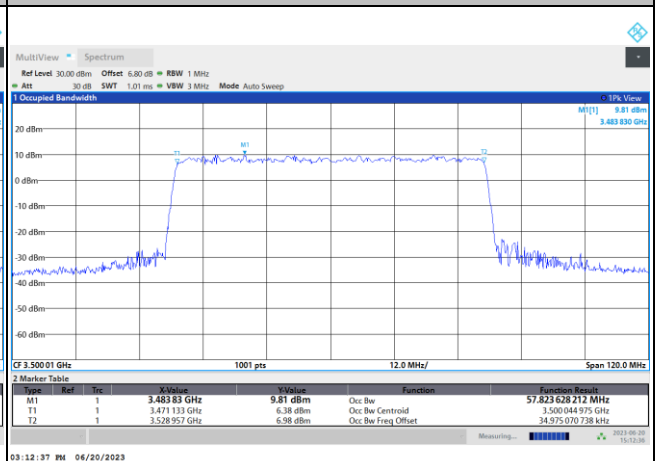
03:11:02 PM 06/20/2023

## 64QAM



03:11:47 PM 06/20/2023

## 256QAM

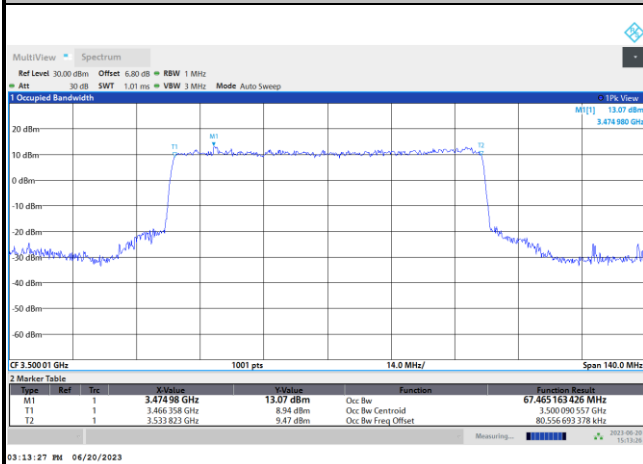


03:12:37 PM 06/20/2023

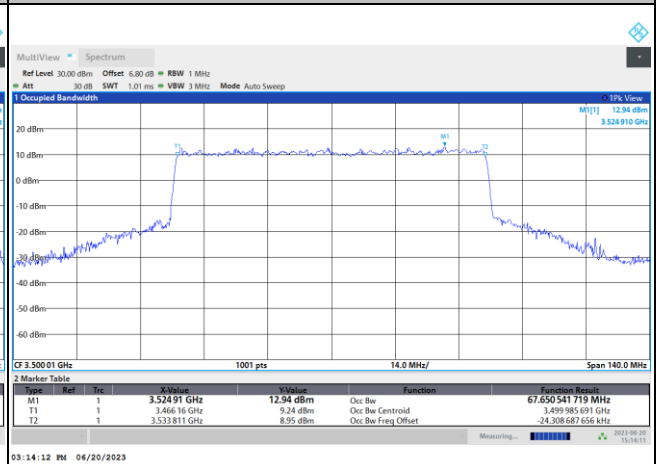


## FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

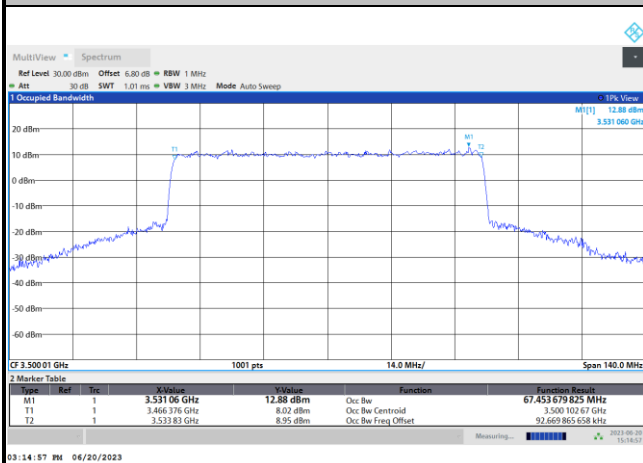
## QPSK



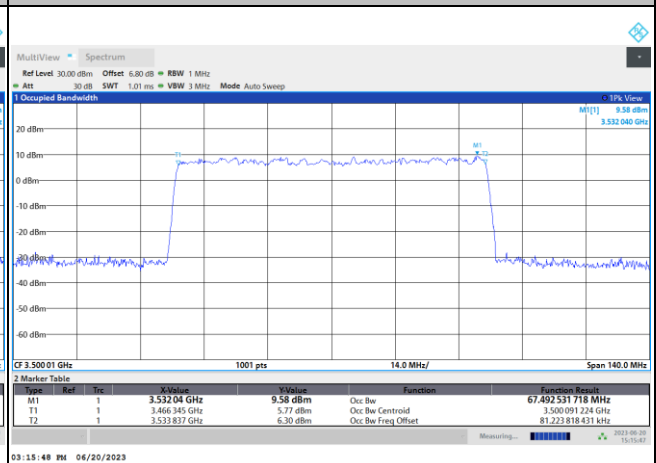
## 16QAM



## 64QAM



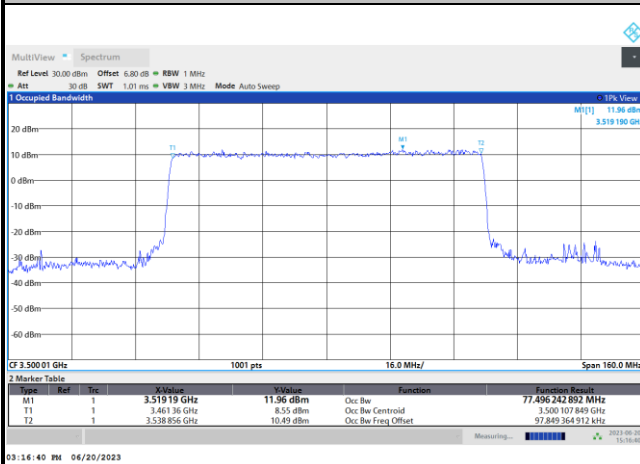
## 256QAM



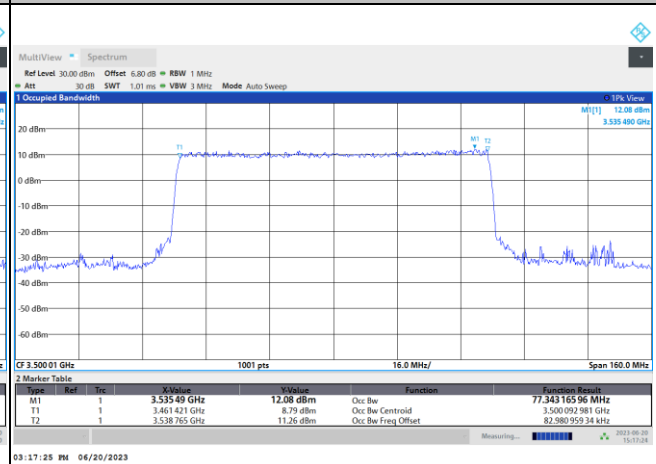


## FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

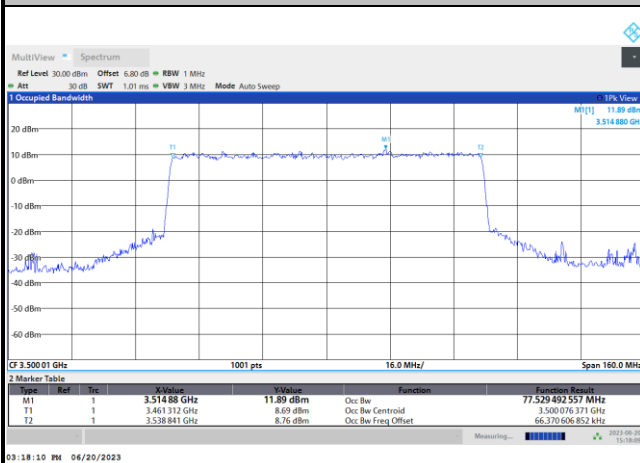
## QPSK



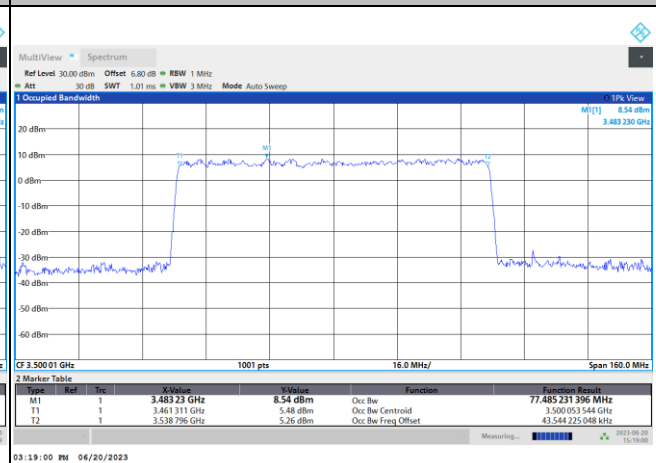
## 16QAM



## 64QAM



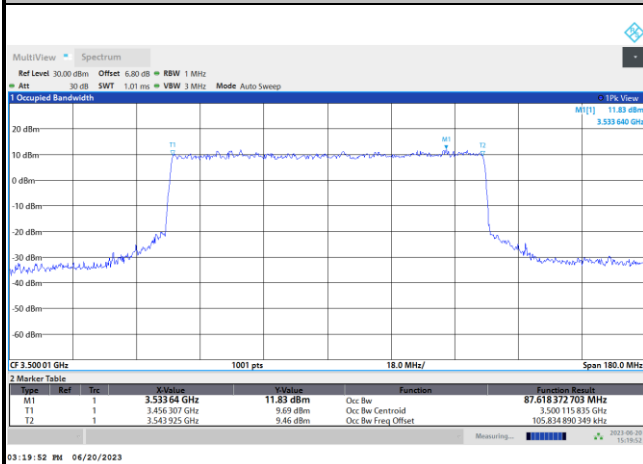
## 256QAM



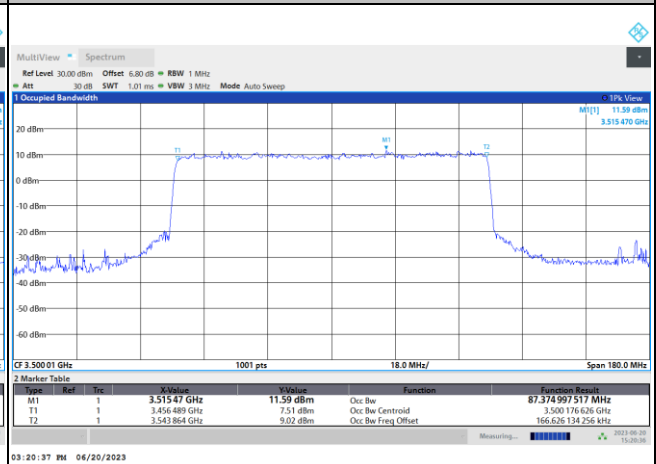


## FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

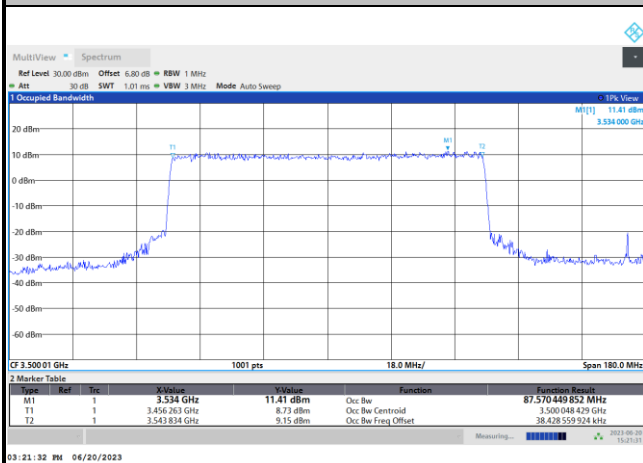
## QPSK



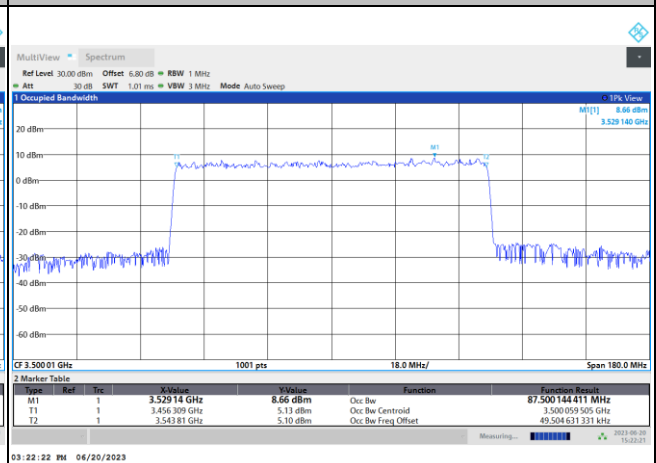
## 16QAM



## 64QAM



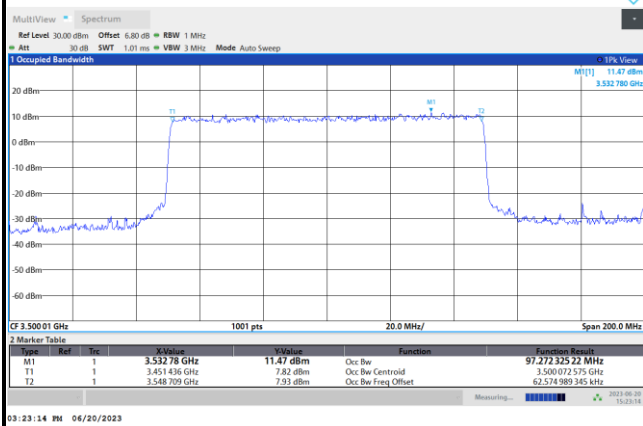
## 256QAM



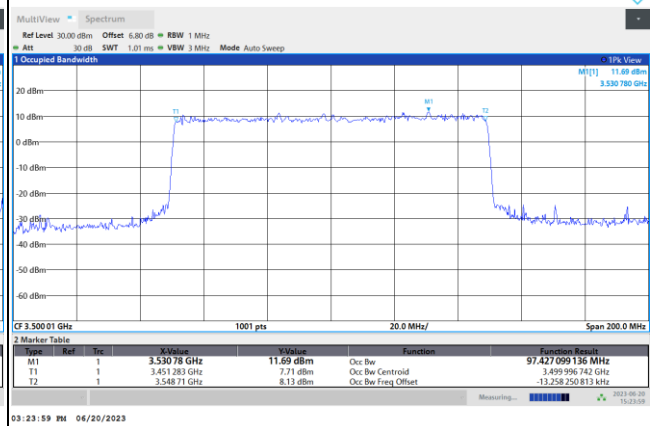


## FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

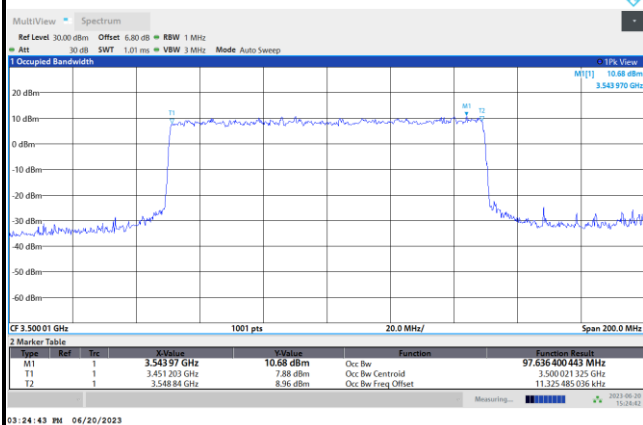
## QPSK



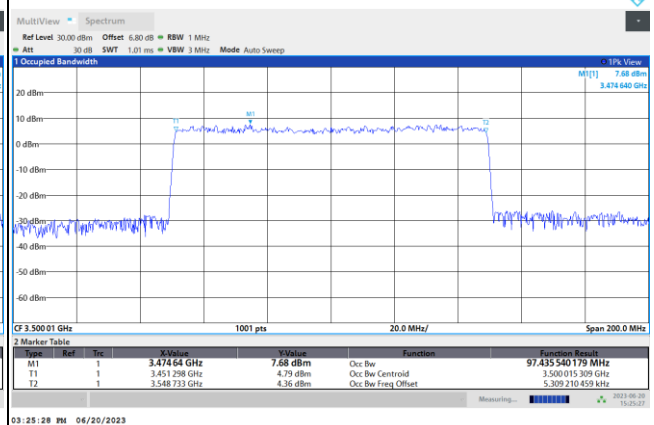
## 16QAM



## 64QAM



## 256QAM

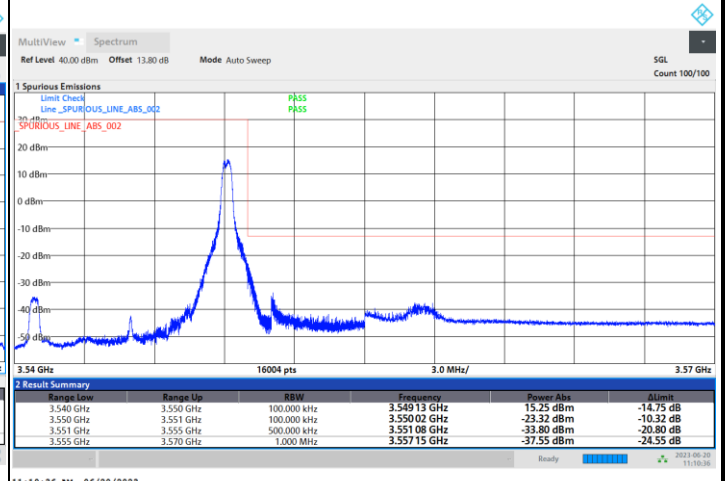
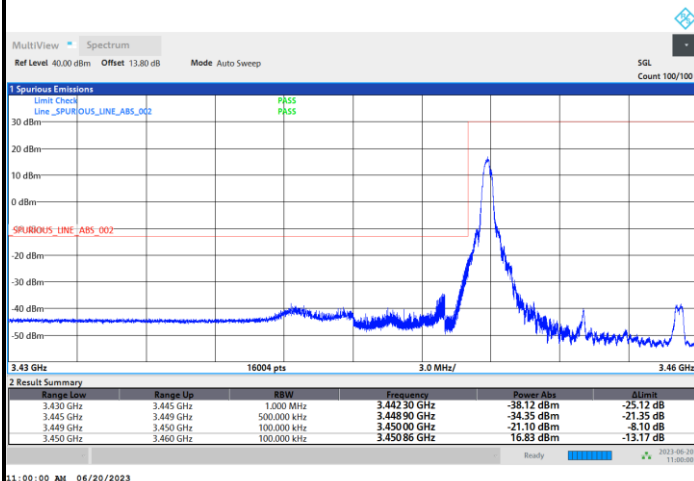


**Conducted Band Edge**

FR1 n77 / 10MHz / CP OFDM / QPSK

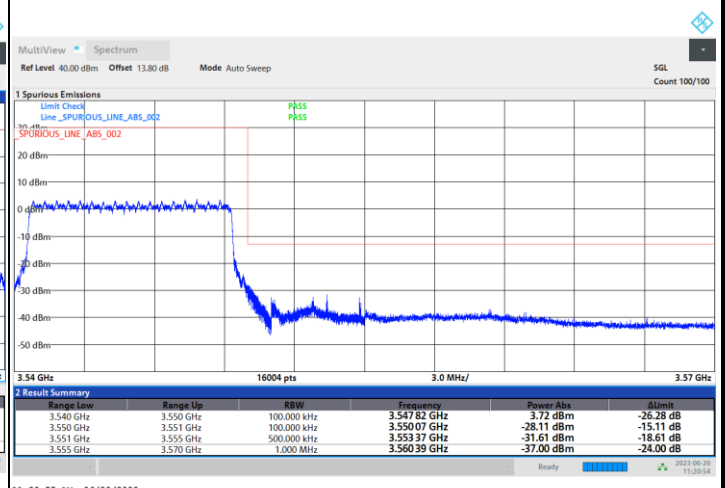
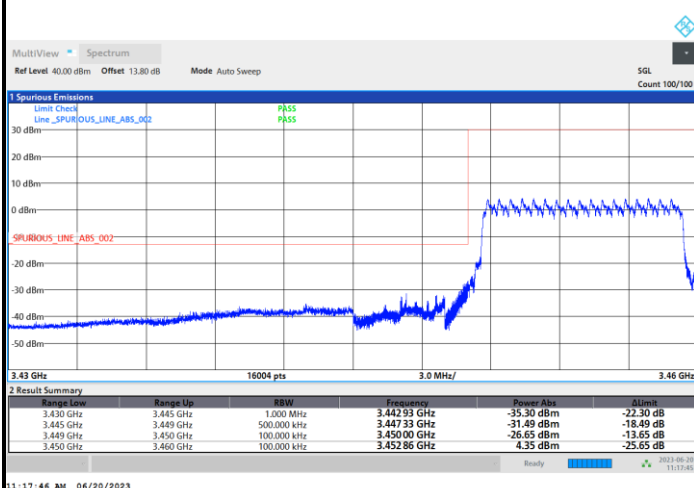
Lowest Band Edge / 1RB0

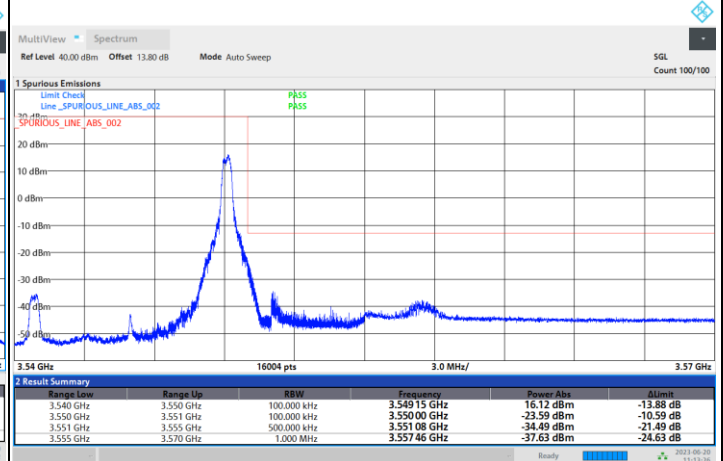
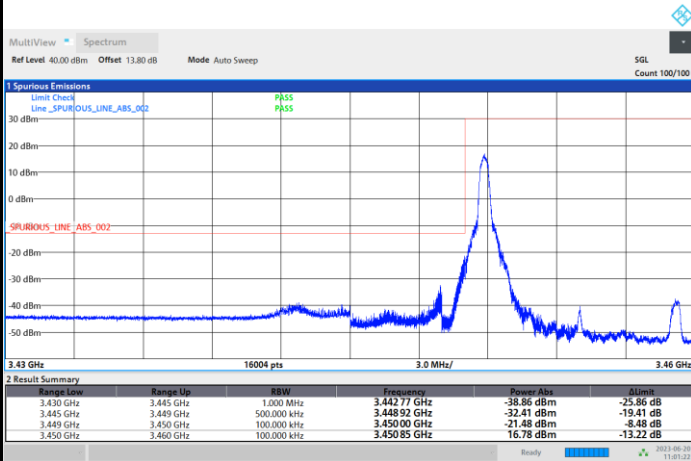
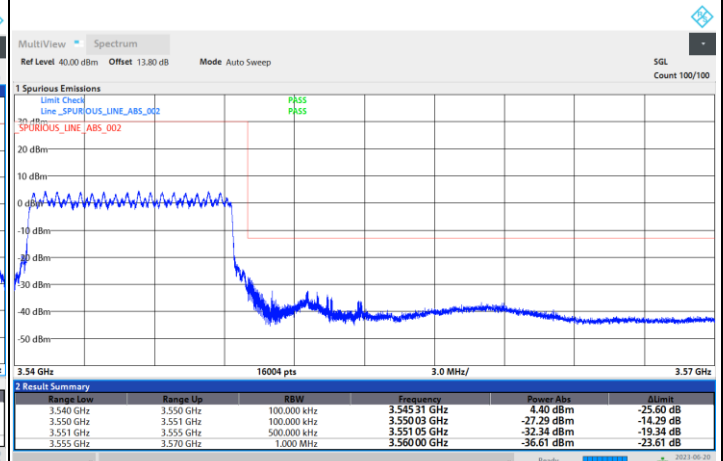
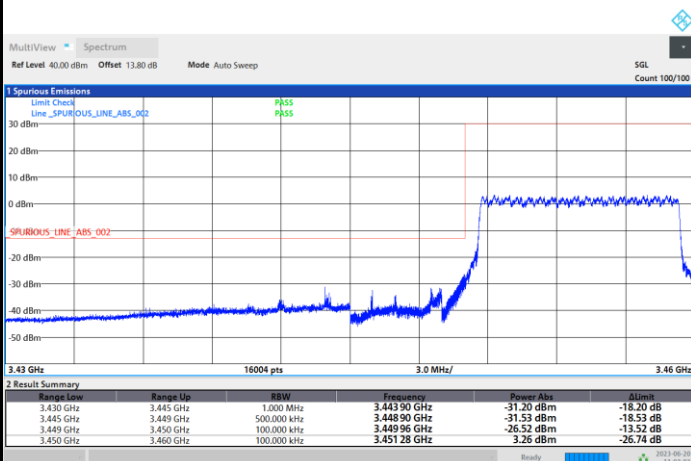
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

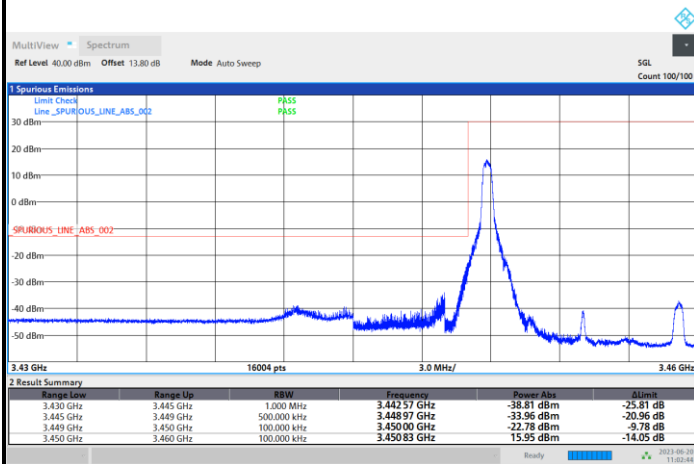


**FR1 n77 / 10MHz / CP OFDM / 16QAM****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



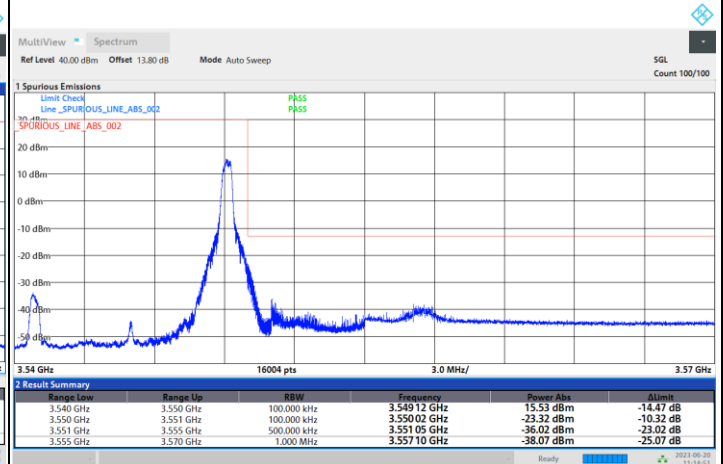
## FR1 n77 / 10MHz / CP OFDM / 64QAM

## Lowest Band Edge / 1RB0



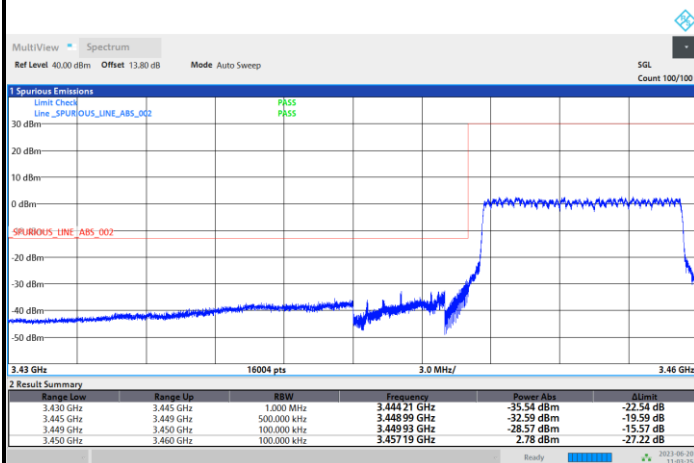
11:02:45 AM 06/20/2023

## Highest Band Edge / 1RBmax



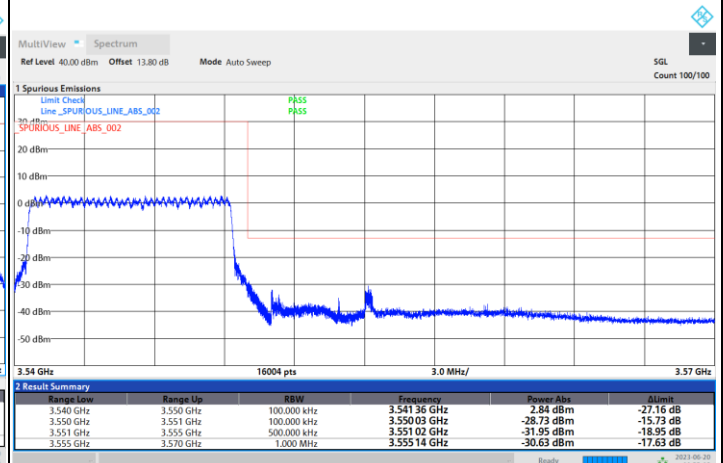
11:14:52 AM 06/20/2023

## Lowest Band Edge / Full RB



11:03:26 AM 06/20/2023

## Highest Band Edge / Full RB



11:22:19 AM 06/20/2023

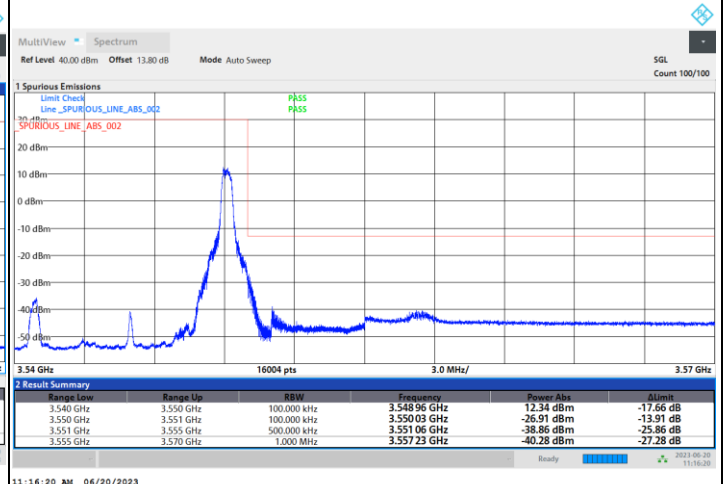
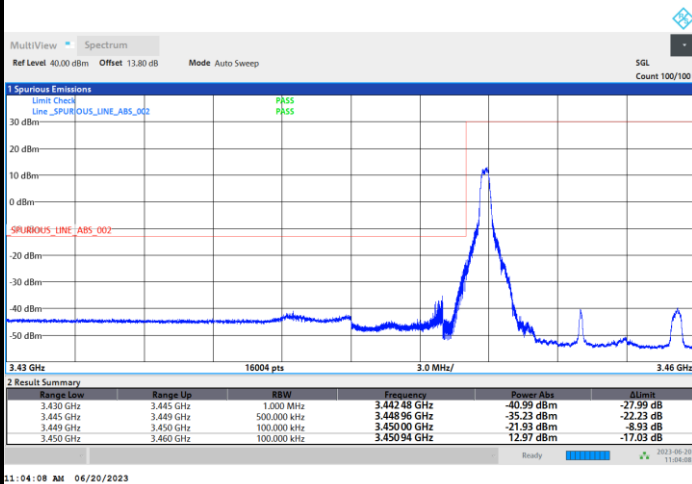




## FR1 n77 / 10MHz / CP OFDM / 256QAM

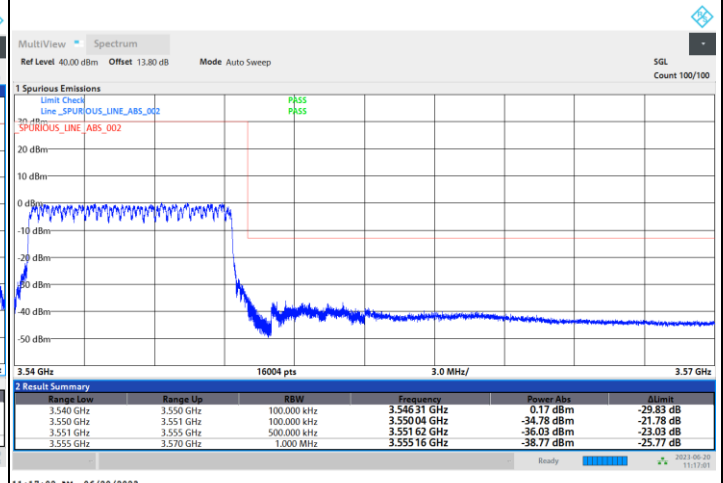
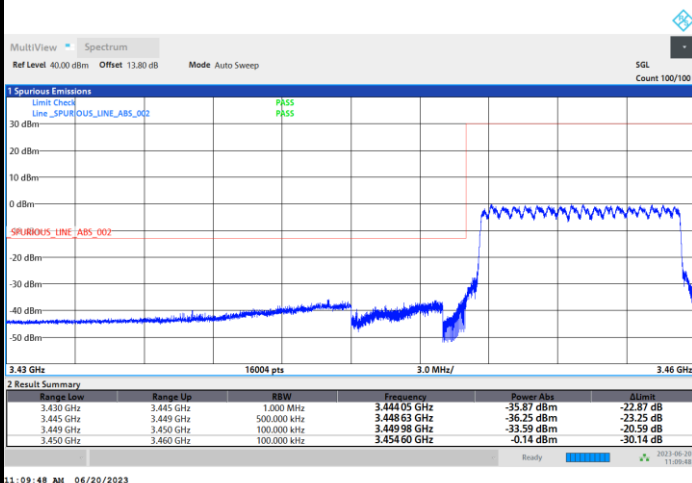
## Lowest Band Edge / 1RB0

## Highest Band Edge / 1RBmax



## Lowest Band Edge / Full RB

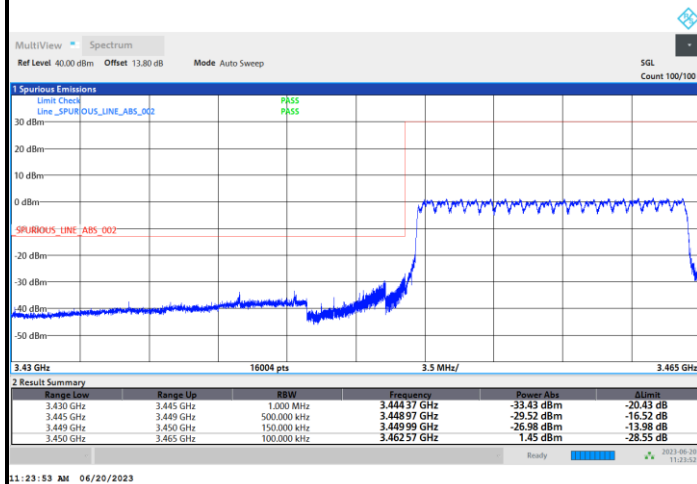
## Highest Band Edge / Full RB



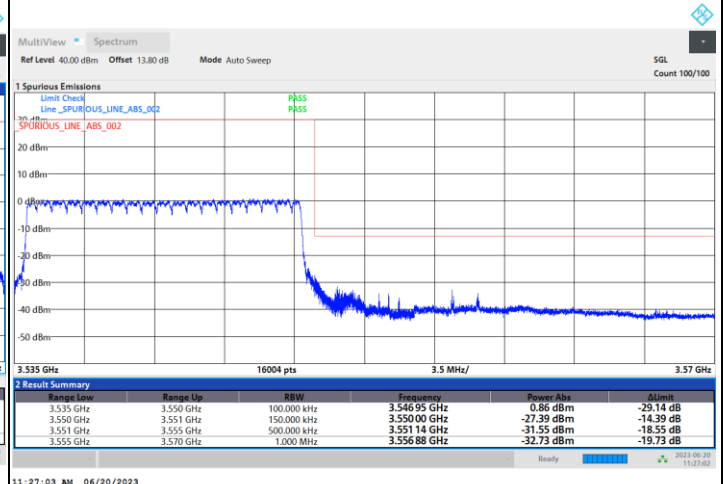


## FR1 n77 / 15MHz / CP OFDM / QPSK

## Lowest Band Edge / Full RB

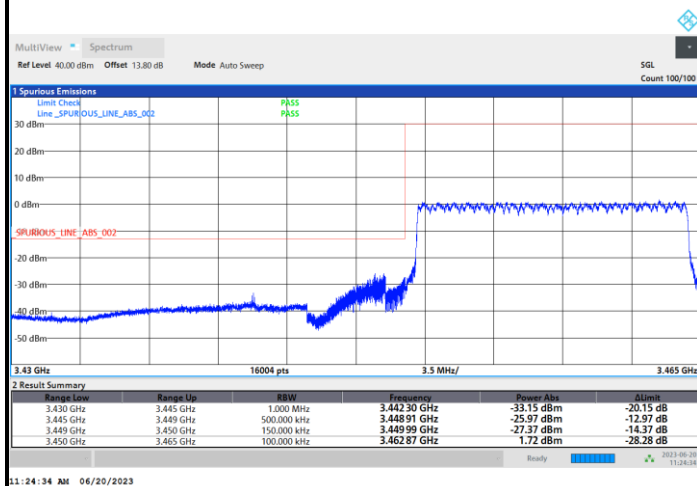


## Highest Band Edge / Full RB

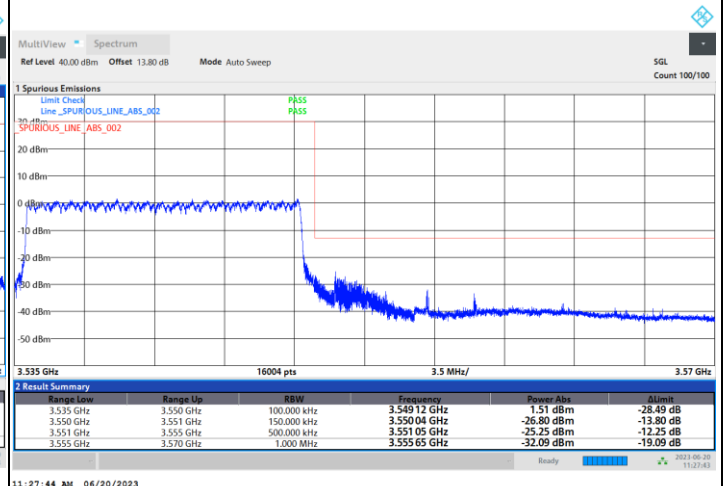


## FR1 n77 / 15MHz / CP OFDM / 16QAM

## Lowest Band Edge / Full RB



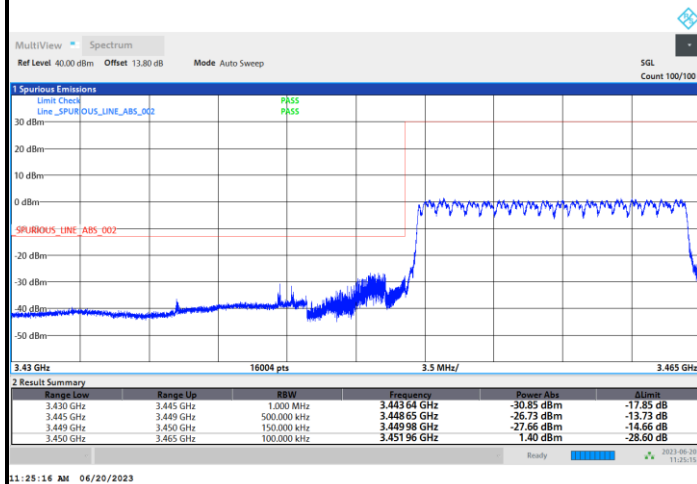
## Highest Band Edge / Full RB



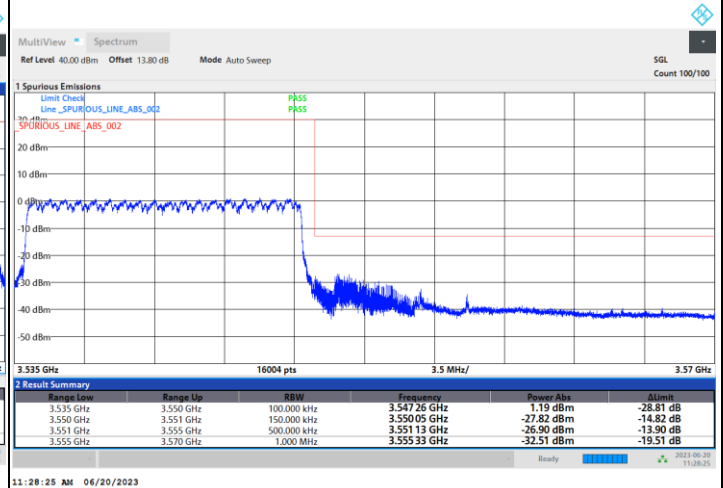


## FR1 n77 / 15MHz / CP OFDM / 64QAM

## Lowest Band Edge / Full RB

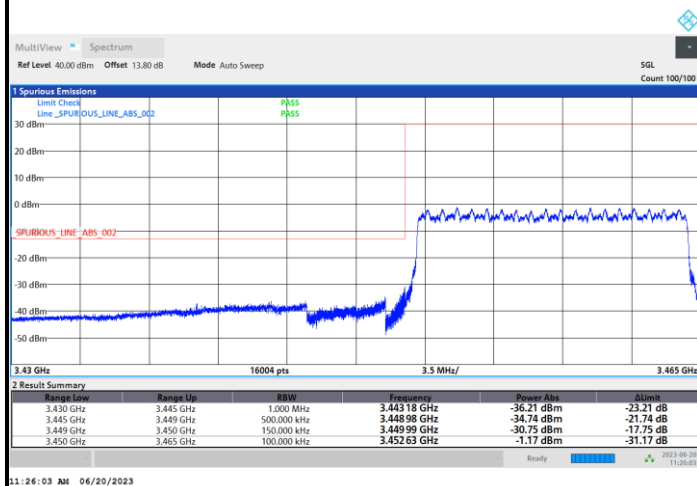


## Highest Band Edge / Full RB

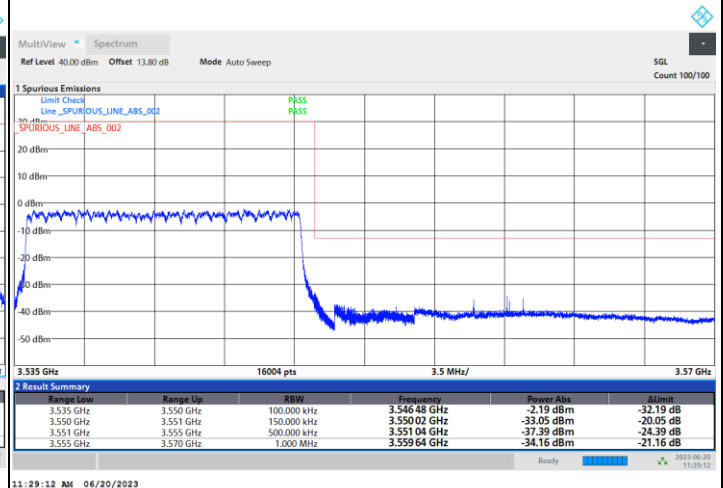


## FR1 n77 / 15MHz / CP OFDM / 256QAM

## Lowest Band Edge / Full RB



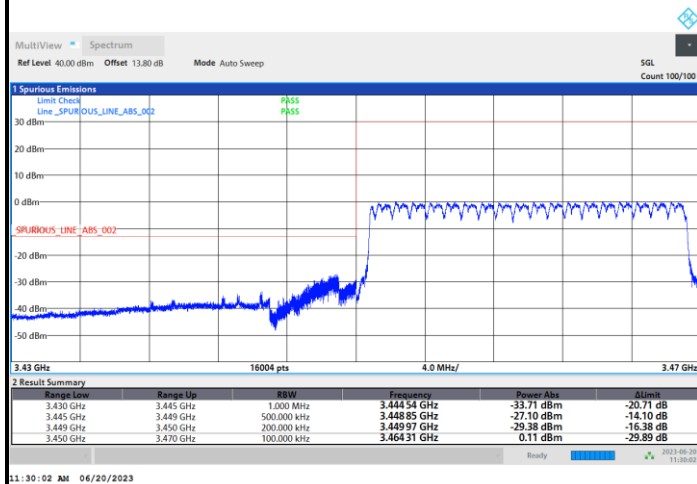
## Highest Band Edge / Full RB



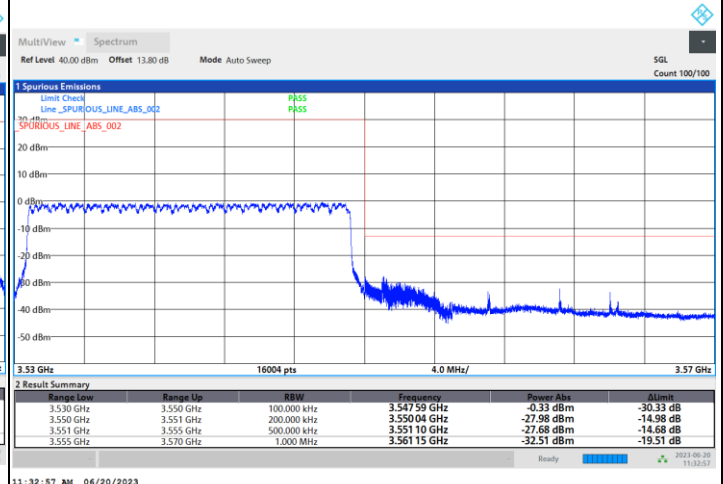


## FR1 n77 / 20MHz / CP OFDM / QPSK

## Lowest Band Edge / Full RB

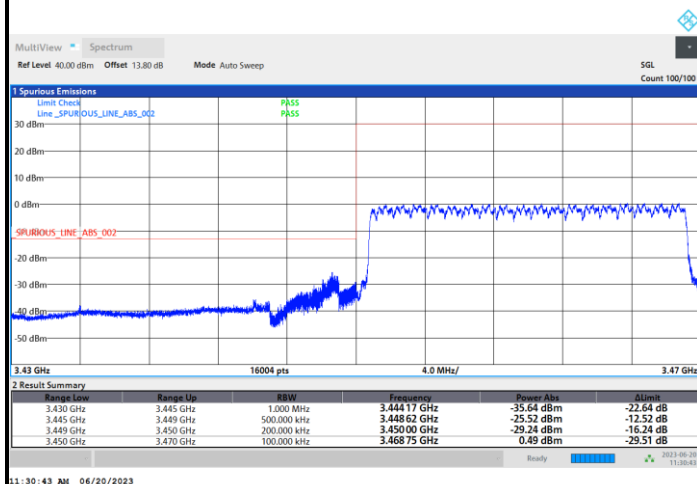


## Highest Band Edge / Full RB

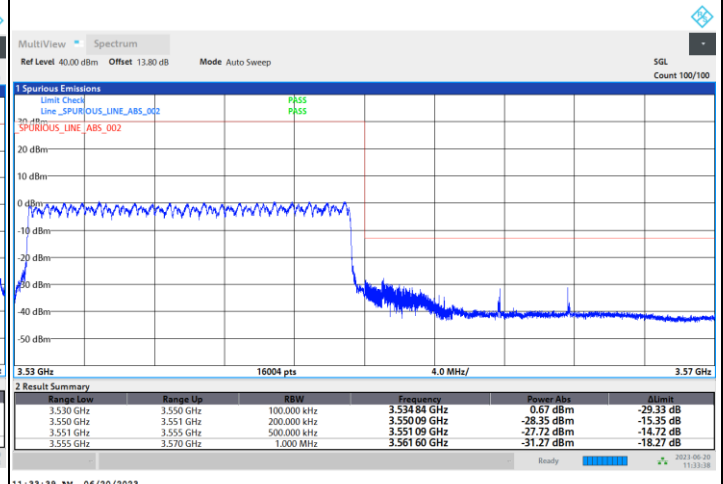


## FR1 n77 / 20MHz / CP OFDM / 16QAM

## Lowest Band Edge / Full RB



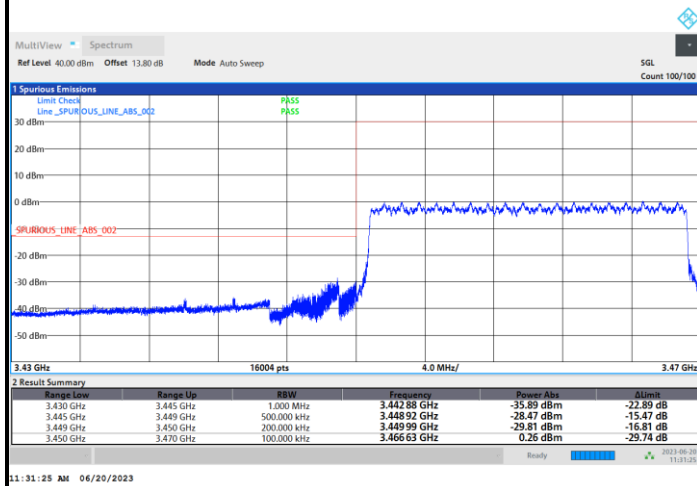
## Highest Band Edge / Full RB



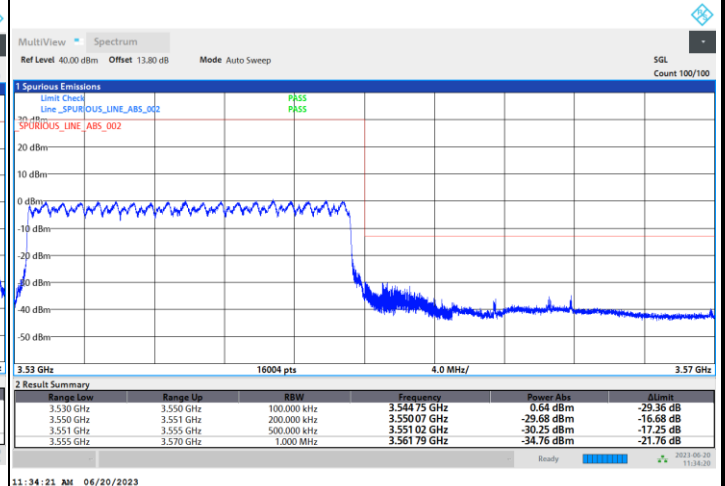


## FR1 n77 / 20MHz / CP OFDM / 64QAM

## Lowest Band Edge / Full RB

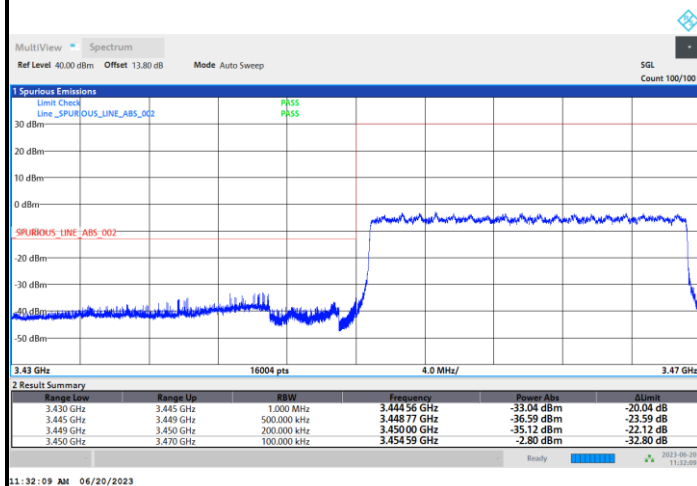


## Highest Band Edge / Full RB

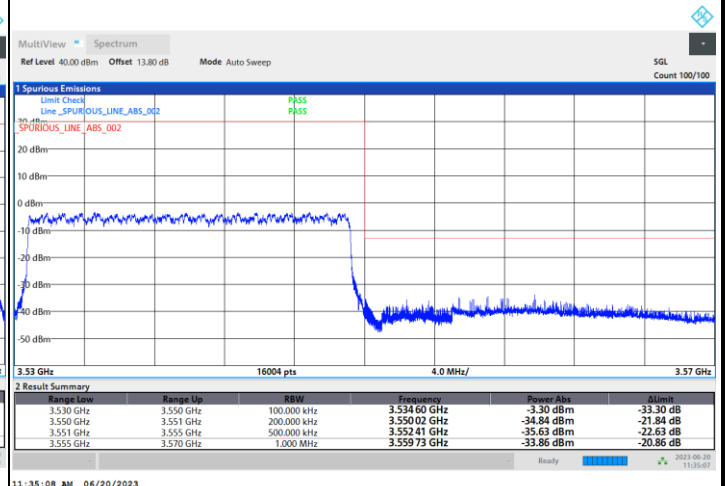


## FR1 n77 / 20MHz / CP OFDM / 256QAM

## Lowest Band Edge / Full RB



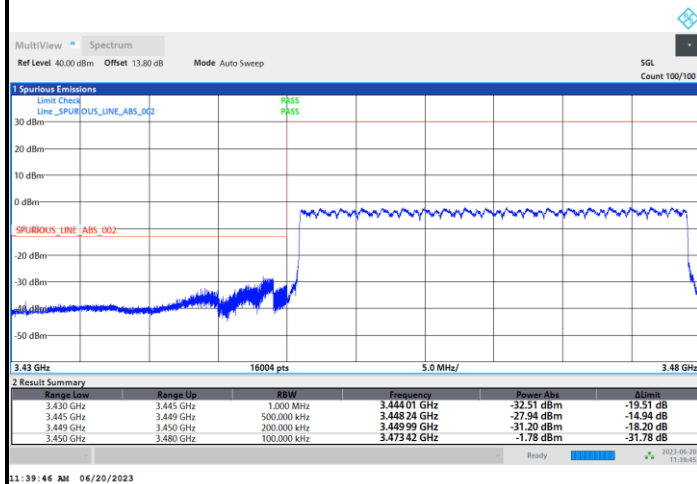
## Highest Band Edge / Full RB



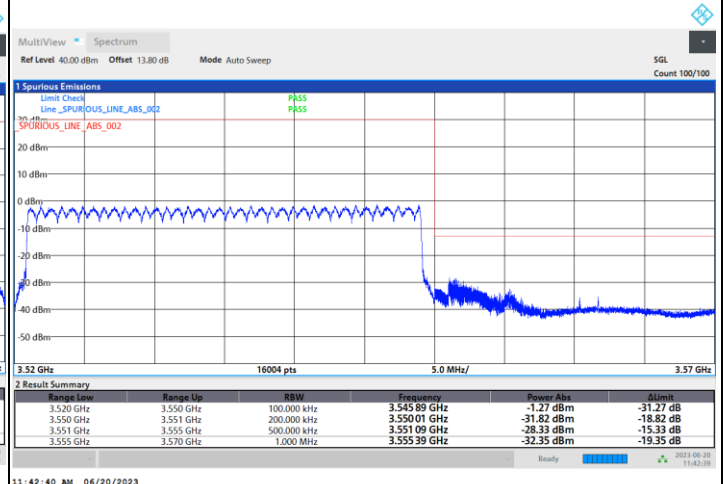


## FR1 n77 / 30MHz / CP OFDM / QPSK

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



## FR1 n77 / 30MHz / CP OFDM / 16QAM

## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

