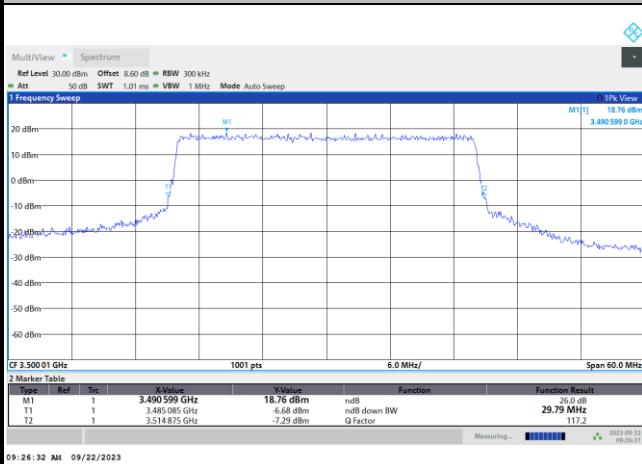




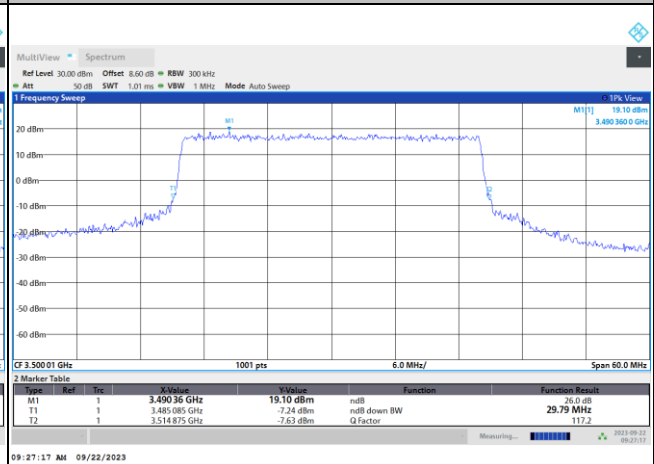
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 30MHz / CP OFDM / Middle Channel / Full RB

## QPSK



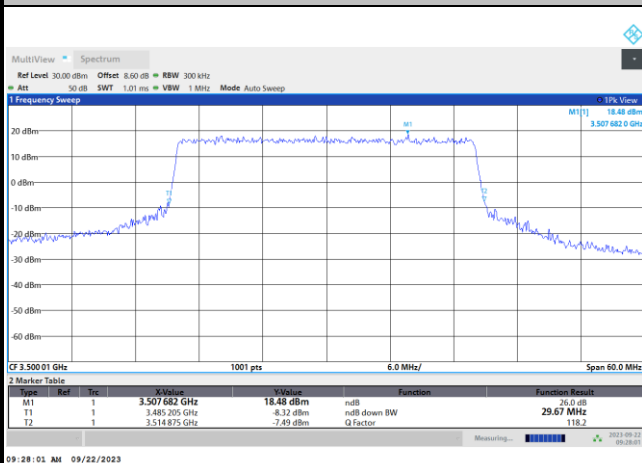
09:26:32 AM 09/22/2023

## 16QAM



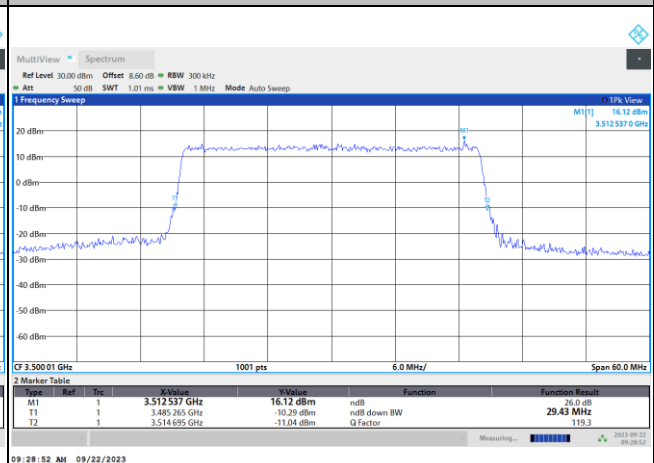
09:27:17 AM 09/22/2023

## 64QAM



09:28:01 AM 09/22/2023

## 256QAM

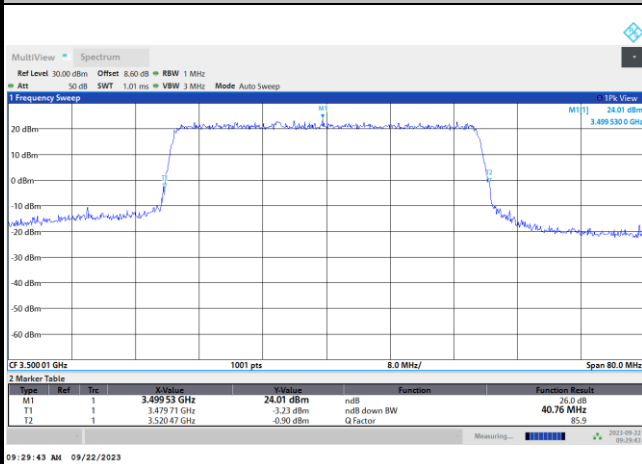


09:28:52 AM 09/22/2023

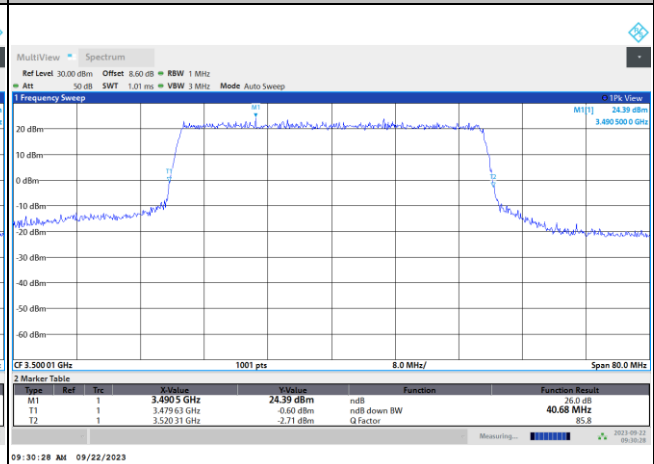


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 40MHz / CP OFDM / Middle Channel / Full RB

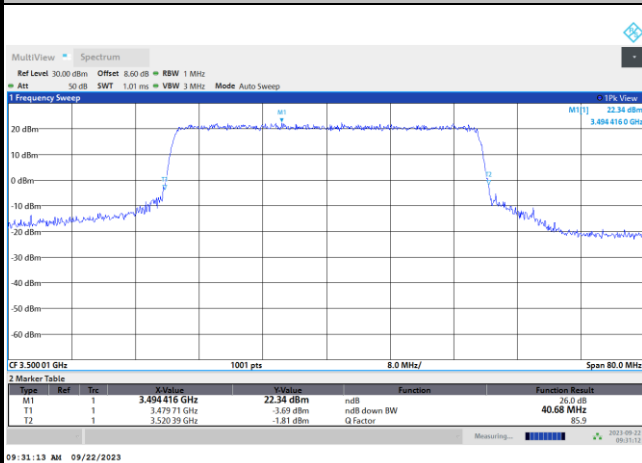
## QPSK



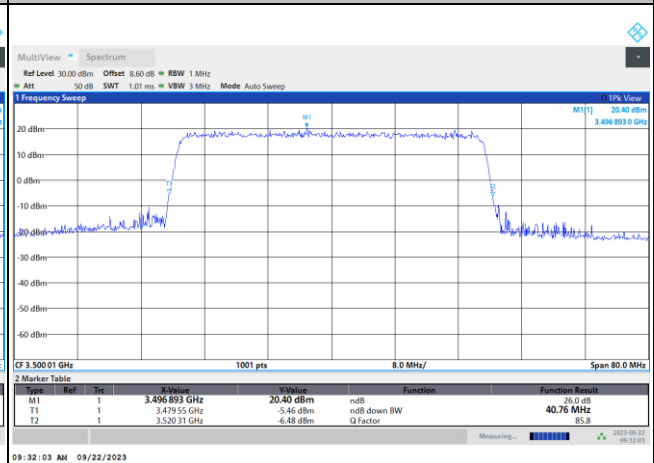
## 16QAM



## 64QAM



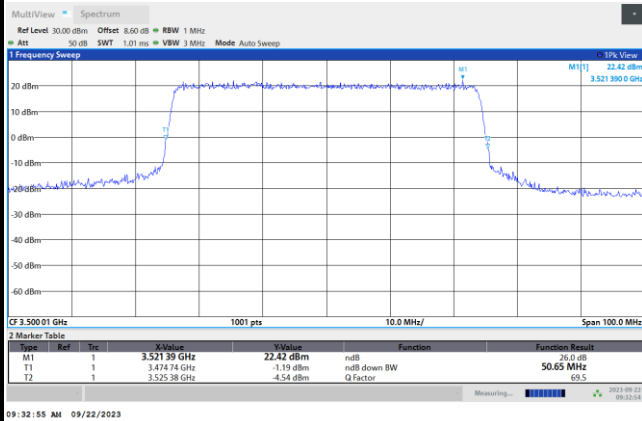
## 256QAM





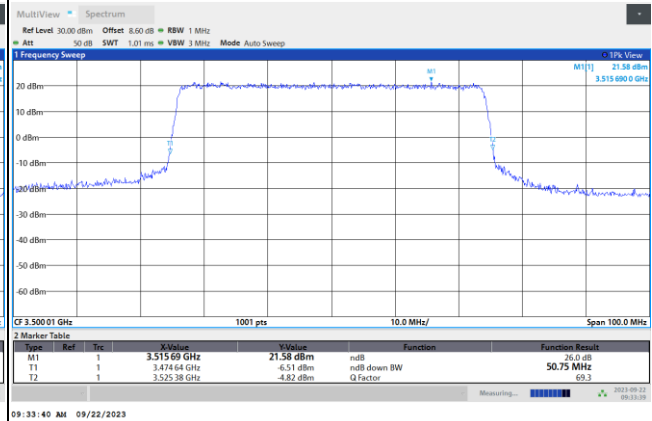
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 50MHz / CP OFDM / Middle Channel / Full RB

## QPSK



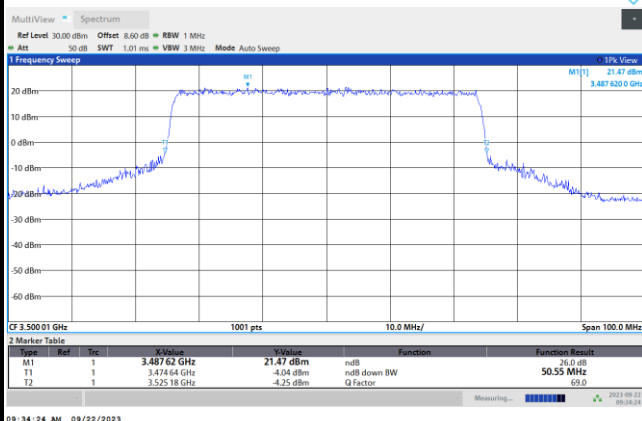
09:32:55 AM 09/22/2023

## 16QAM



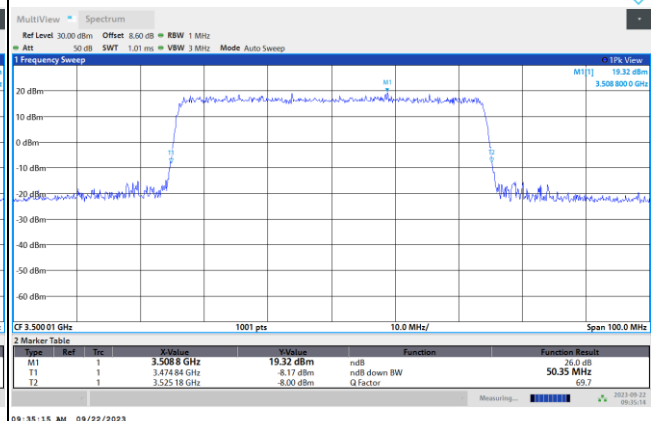
09:33:40 AM 09/22/2023

## 64QAM



09:34:24 AM 09/22/2023

## 256QAM

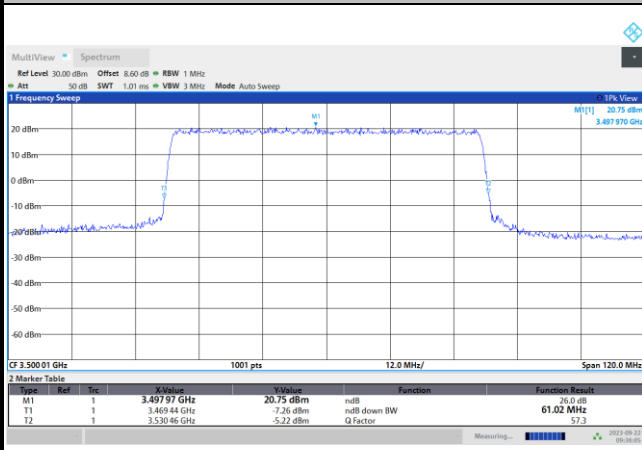


09:35:15 AM 09/22/2023



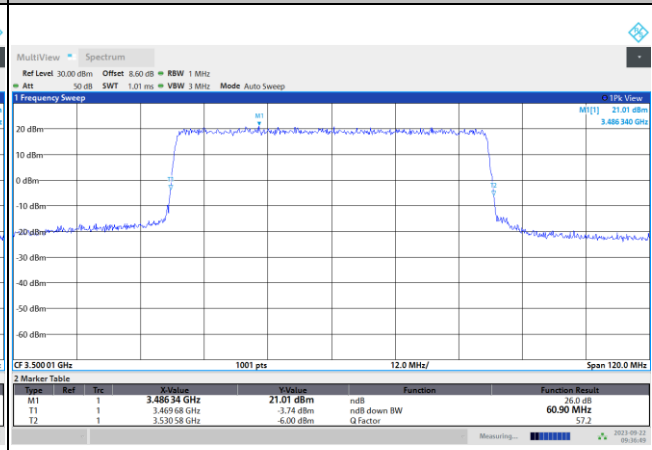
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 60MHz / CP OFDM / Middle Channel / Full RB

## QPSK



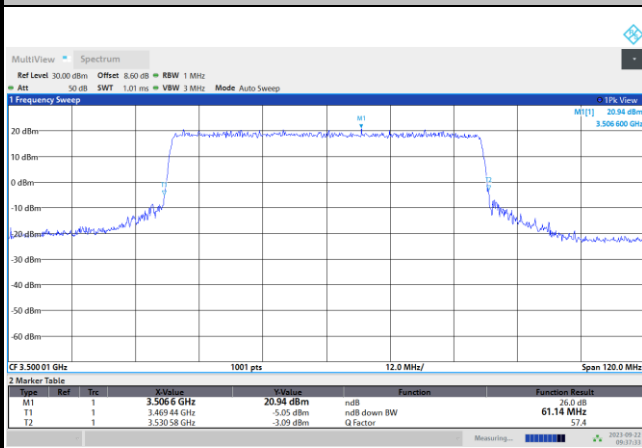
09:36:07 AM 09/22/2023

## 16QAM



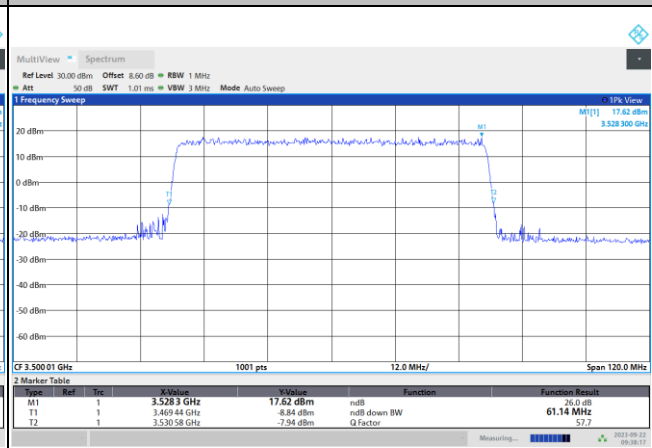
09:36:50 AM 09/22/2023

## 64QAM



09:37:33 AM 09/22/2023

## 256QAM

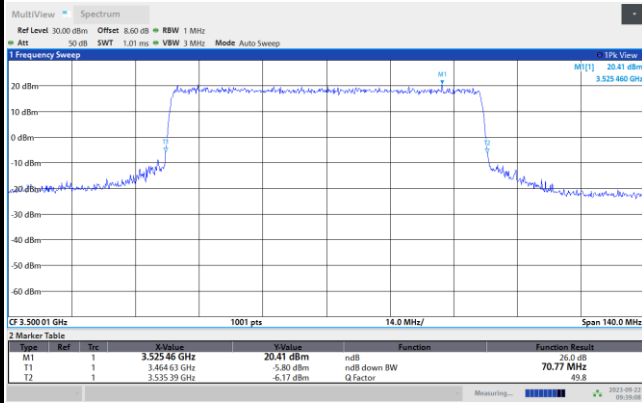


09:38:18 AM 09/22/2023



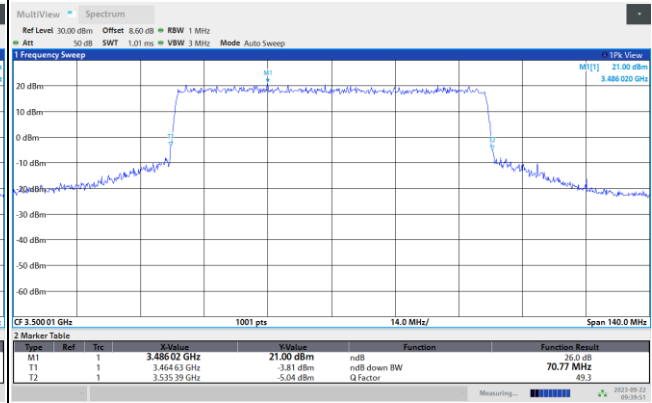
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 70MHz / CP OFDM / Middle Channel / Full RB

## QPSK



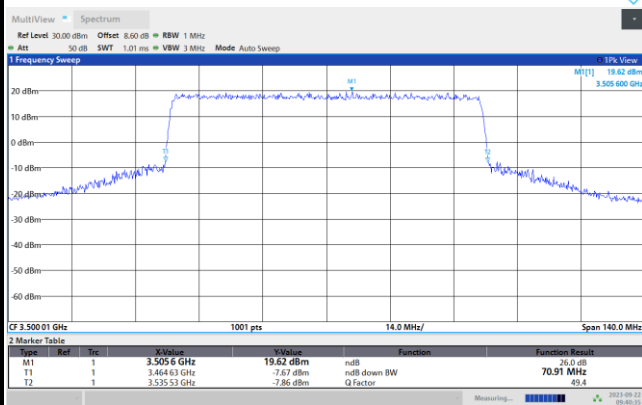
09:39:09 AM 09/22/2023

## 16QAM



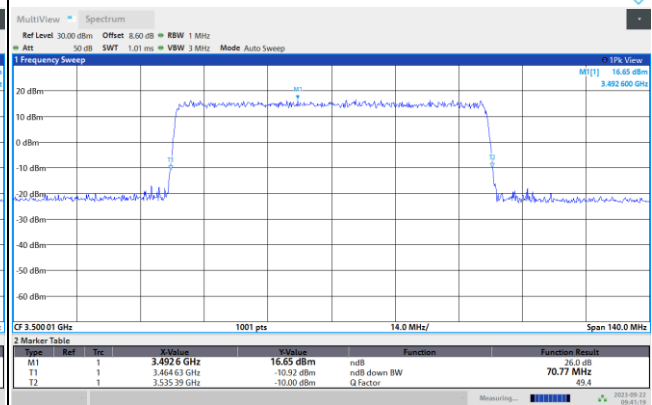
09:39:52 AM 09/22/2023

## 64QAM



09:40:35 AM 09/22/2023

## 256QAM

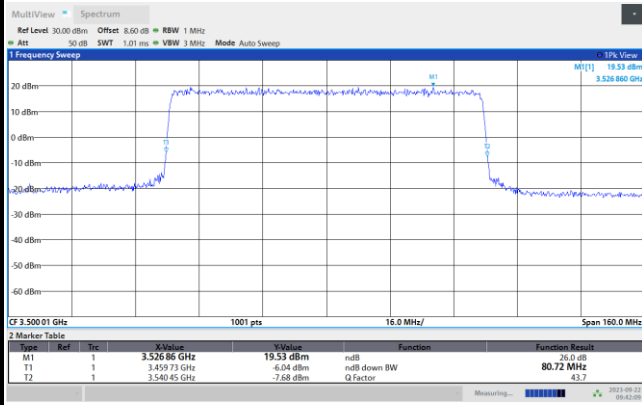


09:41:20 AM 09/22/2023



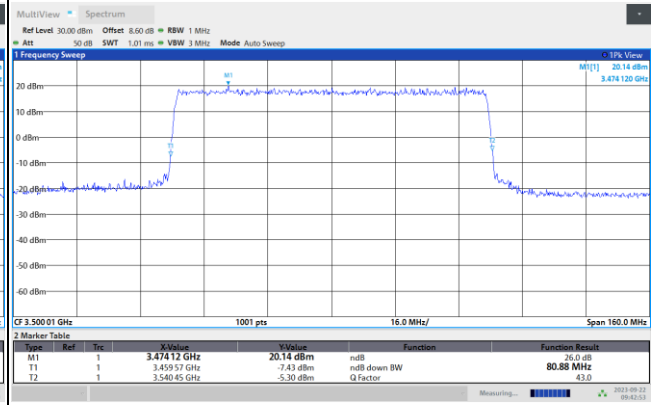
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 80MHz / CP OFDM / Middle Channel / Full RB

## QPSK



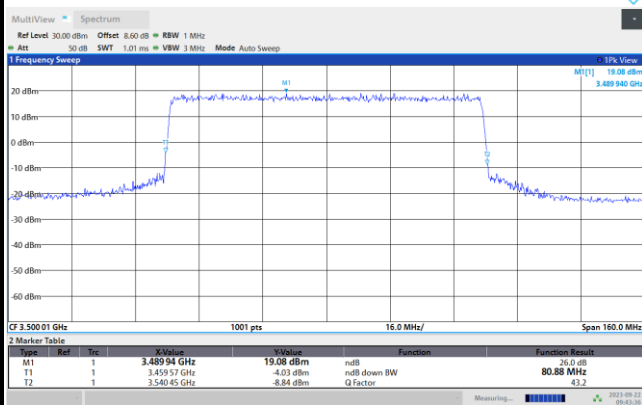
09:42:10 AM 09/22/2023

## 16QAM



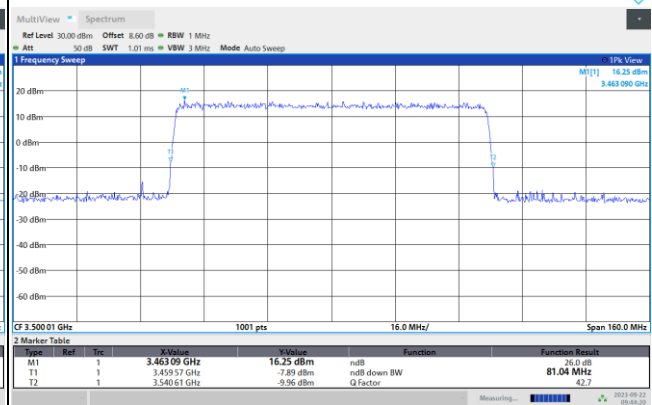
09:42:53 AM 09/22/2023

## 64QAM



09:43:37 AM 09/22/2023

## 256QAM

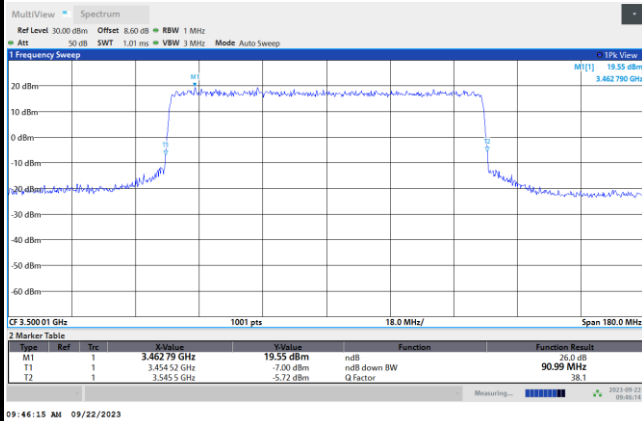


09:44:21 AM 09/22/2023



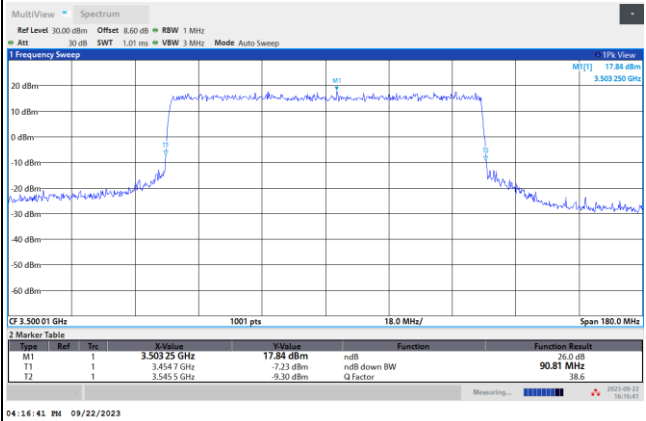
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 90MHz / CP OFDM / Middle Channel / Full RB

## QPSK



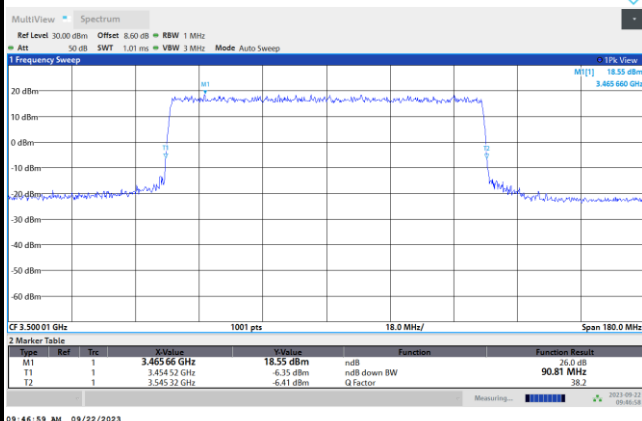
09:46:15 AM 09/22/2023

## 16QAM



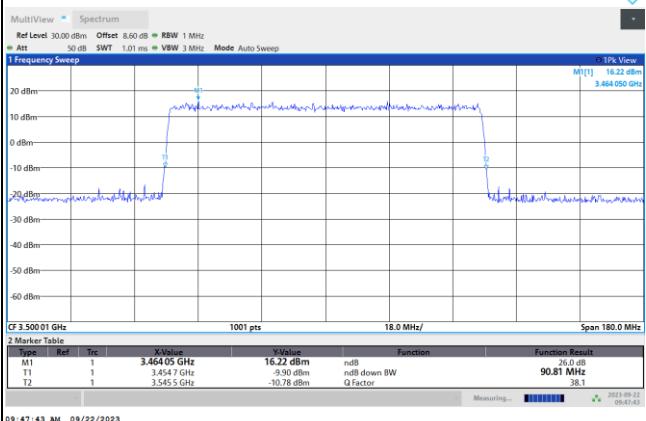
04:16:41 PM 09/22/2023

## 64QAM



09:46:59 AM 09/22/2023

## 256QAM

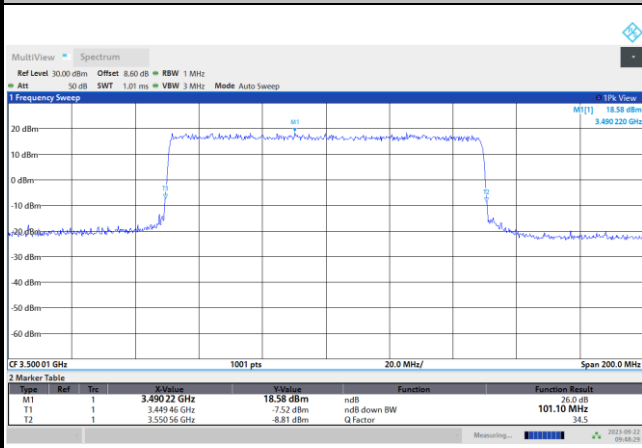


09:47:43 AM 09/22/2023

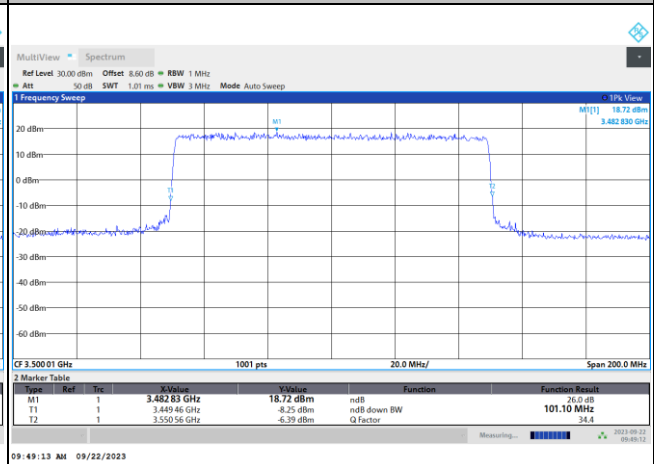


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 100MHz / CP OFDM / Middle Channel / Full RB

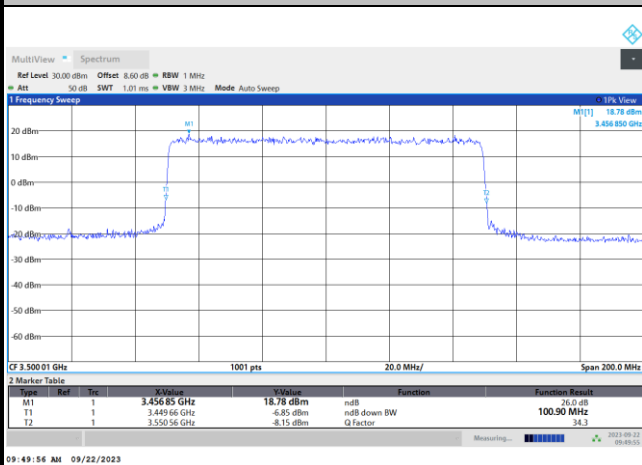
## QPSK



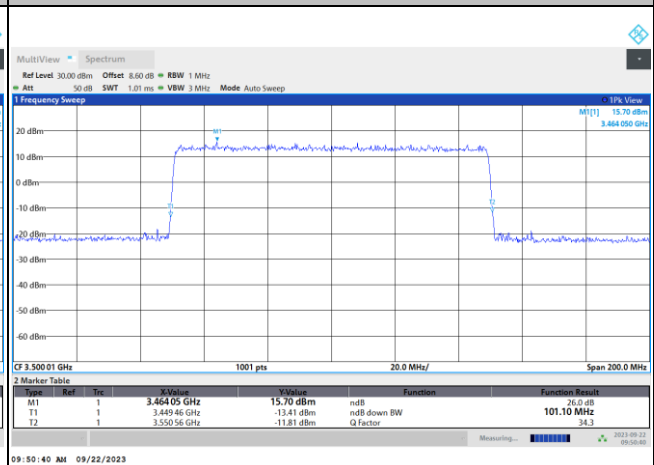
## 16QAM



## 64QAM



## 256QAM





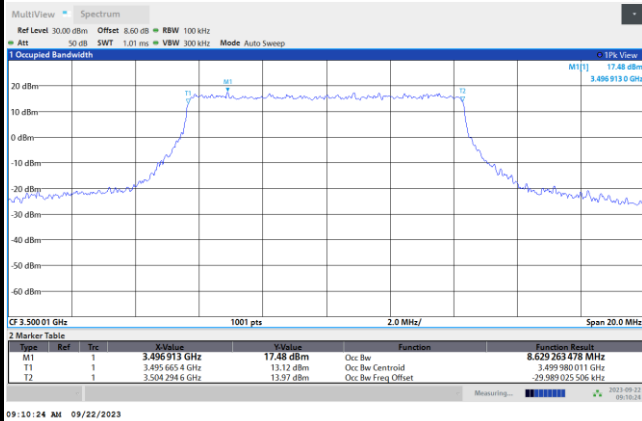
**Occupied Bandwidth**

| Mode      | 5G-FR1 SA UL MIMO n77 (PC1.5) : OB BW(MHz) / CP OFDM |        |       |        |       |        |        |        |
|-----------|------------------------------------------------------|--------|-------|--------|-------|--------|--------|--------|
| BW        | 10MHz                                                |        | 15MHz |        | 20MHz |        | 25MHz  |        |
| Mod.      | QPSK                                                 | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 8.62                                                 | 8.61   | 13.67 | 13.68  | 18.27 | 18.24  | 23.24  | 23.24  |
| Mod.      | 64QAM                                                | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 8.60                                                 | 8.62   | 13.68 | 13.67  | 18.26 | 18.25  | 23.24  | 23.23  |
| BW        | 30MHz                                                |        | 40MHz |        | 50MHz |        | 60MHz  |        |
| Mod.      | QPSK                                                 | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 27.88                                                | 27.91  | 38.04 | 38.02  | 47.65 | 47.62  | 57.84  | 57.81  |
| Mod.      | 64QAM                                                | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 27.85                                                | 27.86  | 38.03 | 38.04  | 47.66 | 47.56  | 57.84  | 57.89  |
| BW        | 70MHz                                                |        | 80MHz |        | 90MHz |        | 100MHz |        |
| Mod.      | QPSK                                                 | 16QAM  | QPSK  | 16QAM  | QPSK  | 16QAM  | QPSK   | 16QAM  |
| Middle CH | 67.51                                                | 67.49  | 77.48 | 77.48  | 87.52 | 87.41  | 97.36  | 97.38  |
| Mod.      | 64QAM                                                | 256QAM | 64QAM | 256QAM | 64QAM | 256QAM | 64QAM  | 256QAM |
| Middle CH | 67.44                                                | 67.49  | 77.47 | 77.52  | 87.41 | 87.41  | 97.50  | 97.26  |

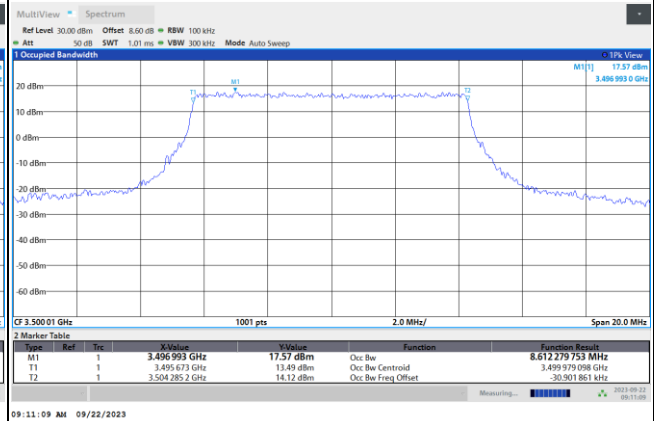


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 10MHz / CP OFDM / Middle Channel / Full RB

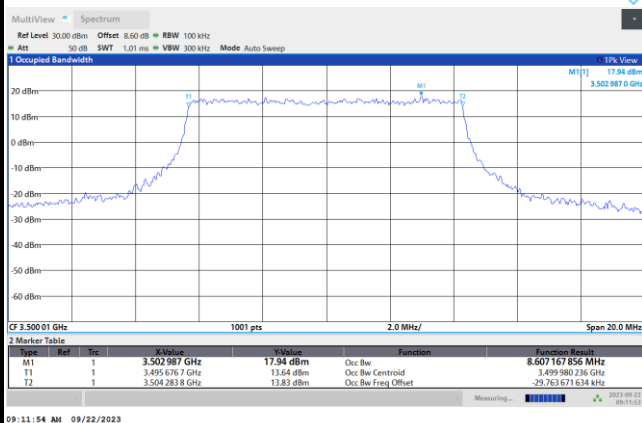
## QPSK



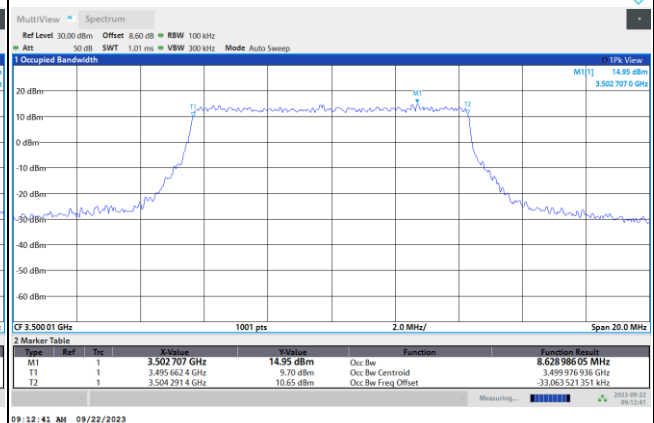
## 16QAM



## 64QAM



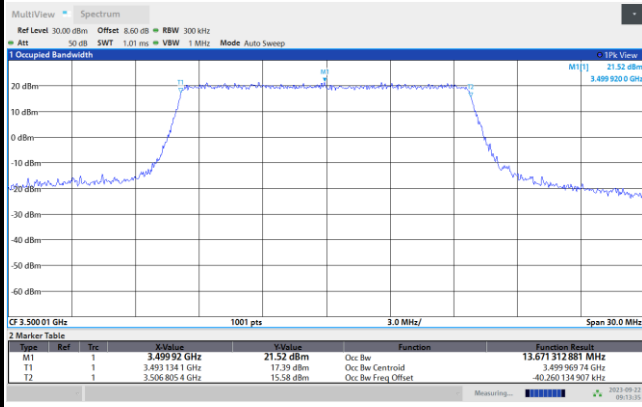
## 256QAM



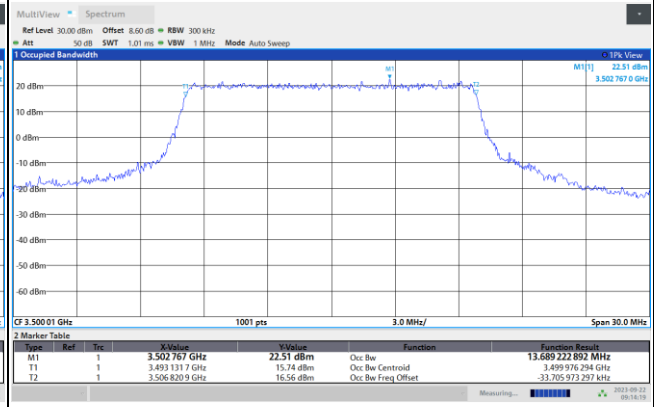


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 15MHz / CP OFDM / Middle Channel / Full RB

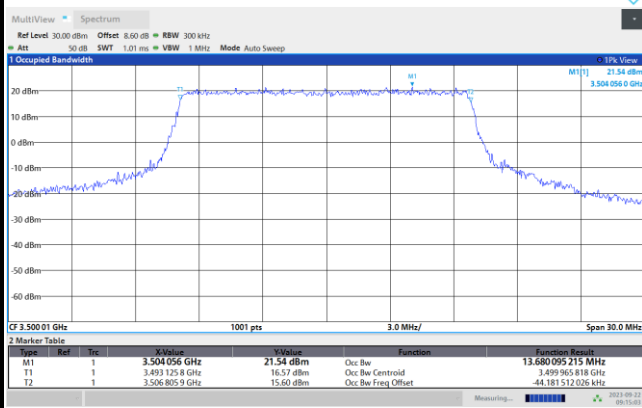
## QPSK



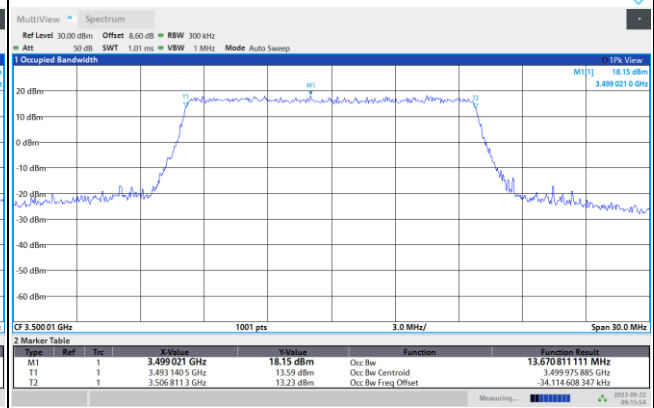
## 16QAM



## 64QAM



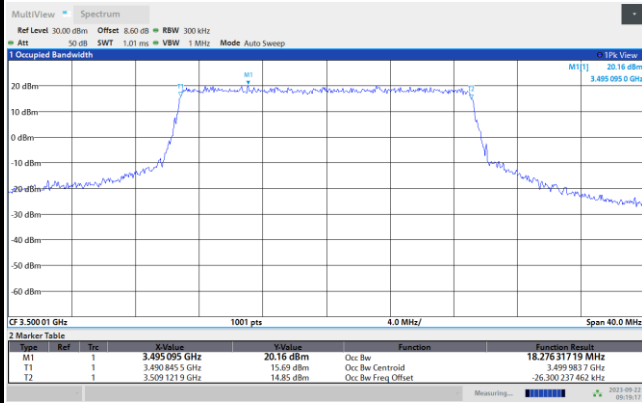
## 256QAM





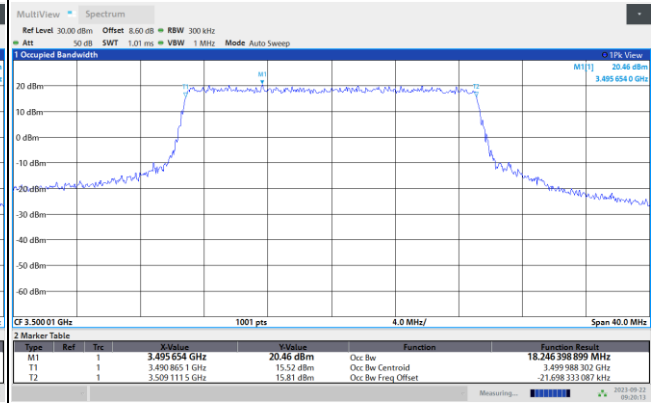
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 20MHz / CP OFDM / Middle Channel / Full RB

## QPSK



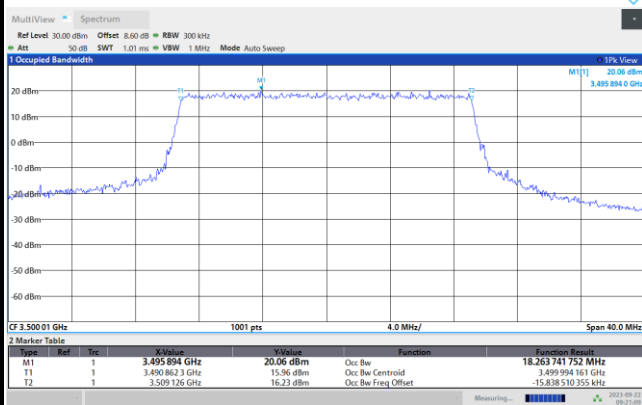
09:19:17 AM 09/22/2023

## 16QAM



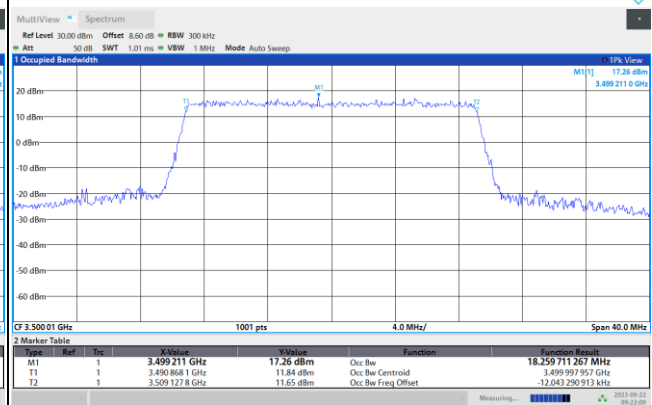
09:20:13 AM 09/22/2023

## 64QAM



09:21:10 AM 09/22/2023

## 256QAM

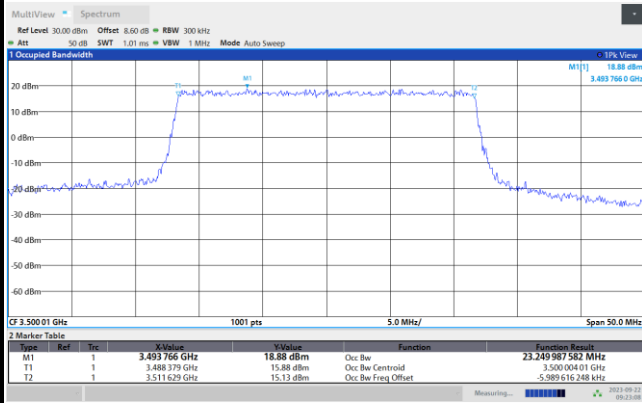


09:22:10 AM 09/22/2023



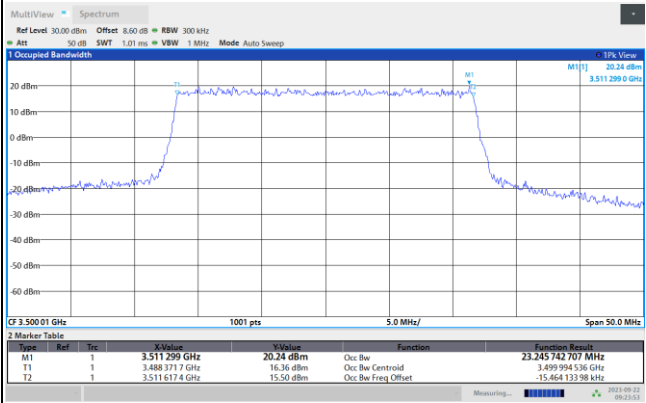
**5G-FR1 SA UL MIMO n77 (PC1.5) / 25MHz / CP OFDM / Middle Channel / Full RB**

## QPSK



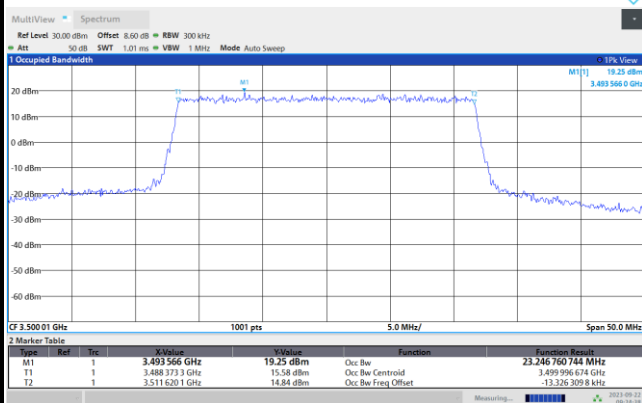
09:23:09 AM 09/22/2023

## 16QAM



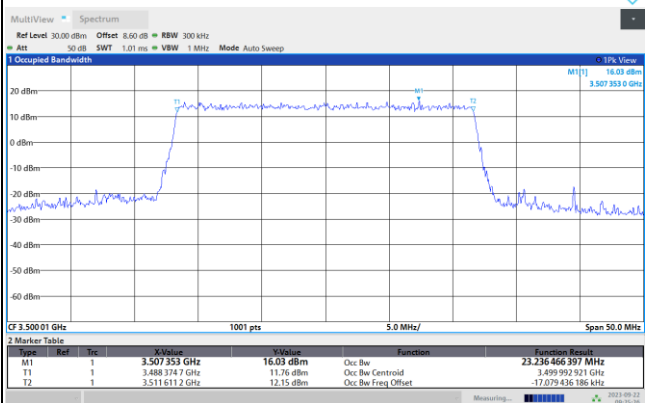
09:23:54 AM 09/22/2023

## 64QAM



09:24:38 AM 09/22/2023

## 256QAM

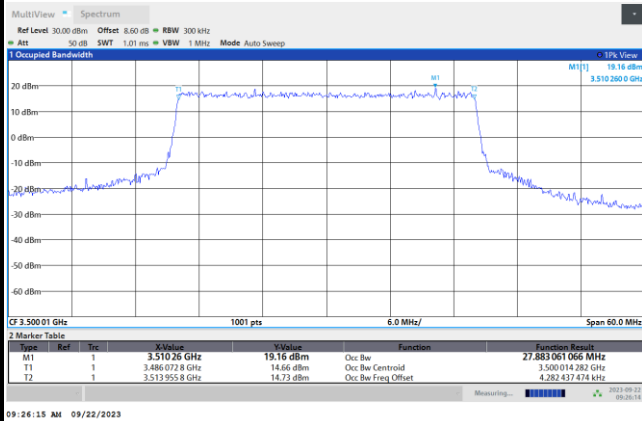


09:25:27 AM 09/22/2023



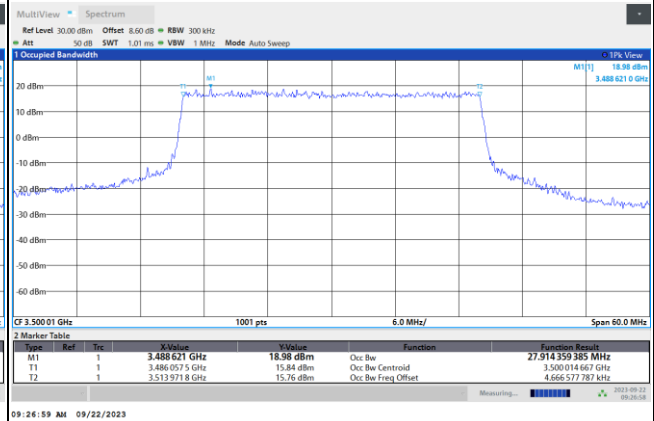
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 30MHz / CP OFDM / Middle Channel / Full RB

## QPSK



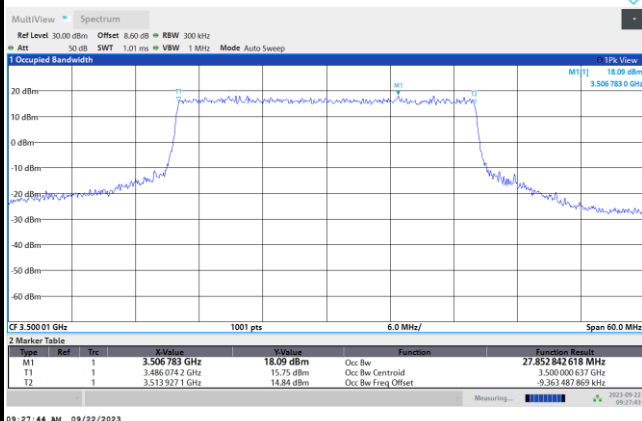
09:26:15 AM 09/22/2023

## 16QAM



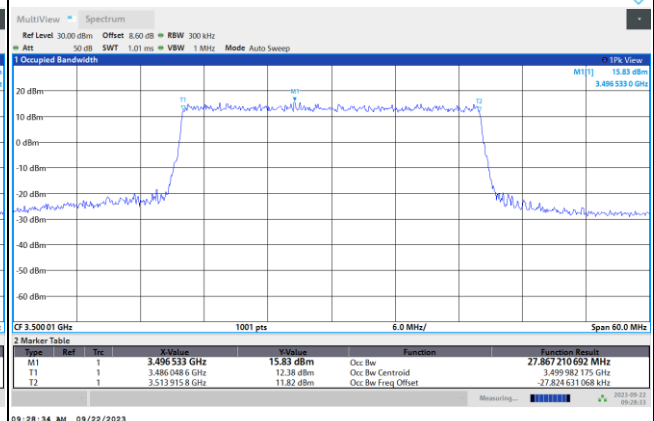
09:26:59 AM 09/22/2023

## 64QAM



09:27:44 AM 09/22/2023

## 256QAM

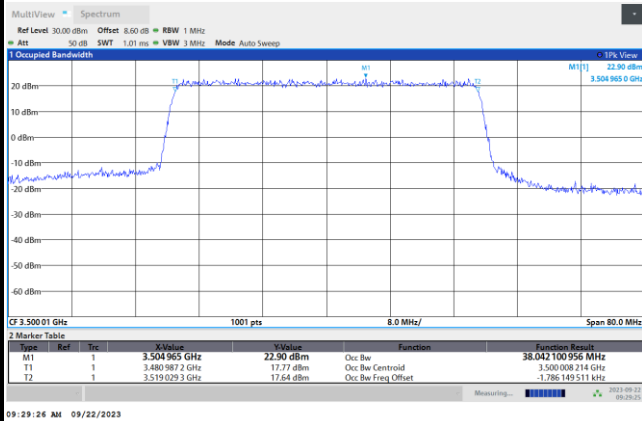


09:28:34 AM 09/22/2023



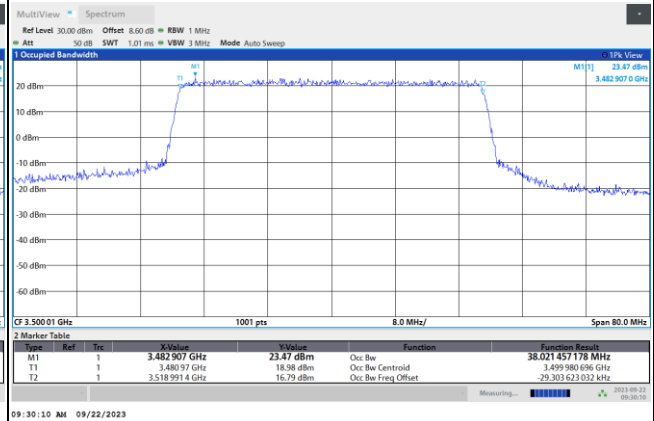
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 40MHz / CP OFDM / Middle Channel / Full RB

## QPSK



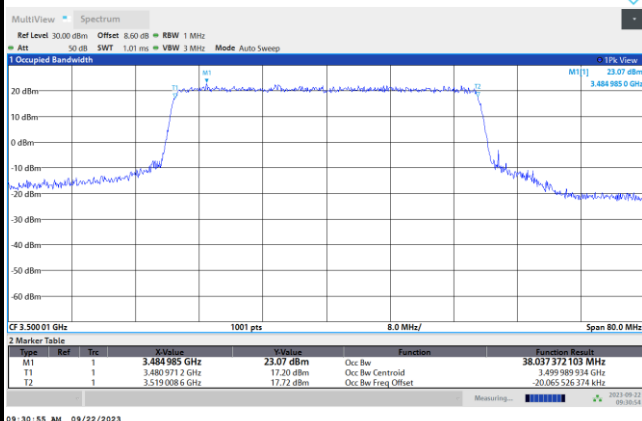
09:29:26 AM 09/22/2023

## 16QAM



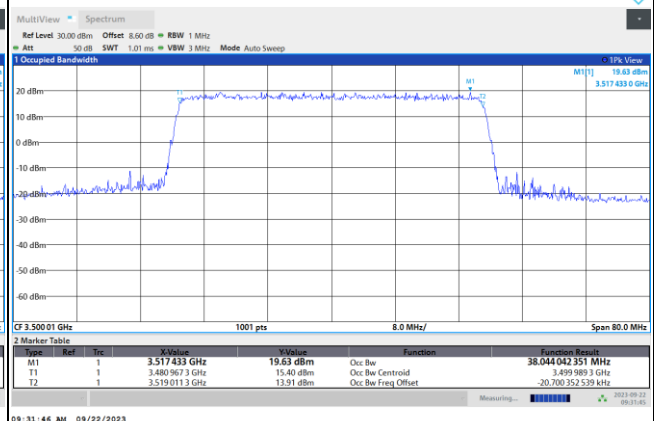
09:30:10 AM 09/22/2023

## 64QAM



09:30:55 AM 09/22/2023

## 256QAM

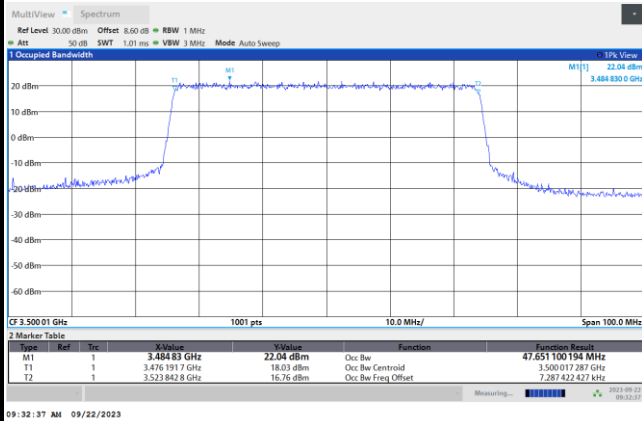


09:31:46 AM 09/22/2023

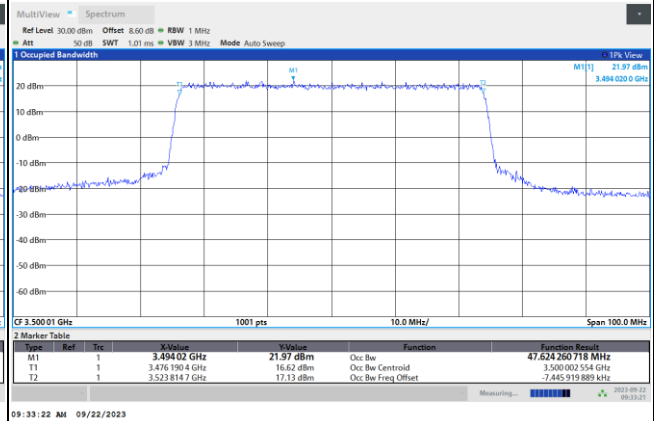


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 50MHz / CP OFDM / Middle Channel / Full RB

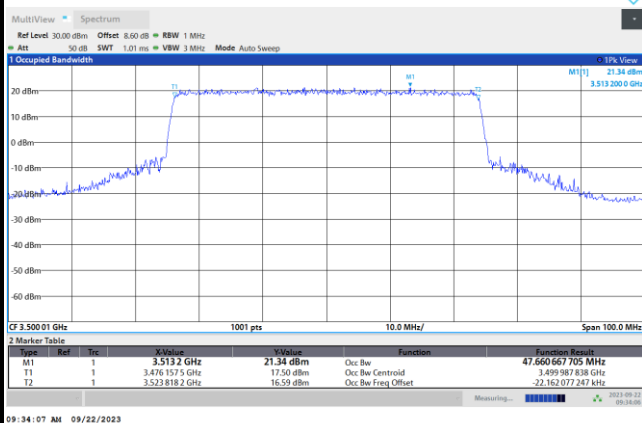
## QPSK



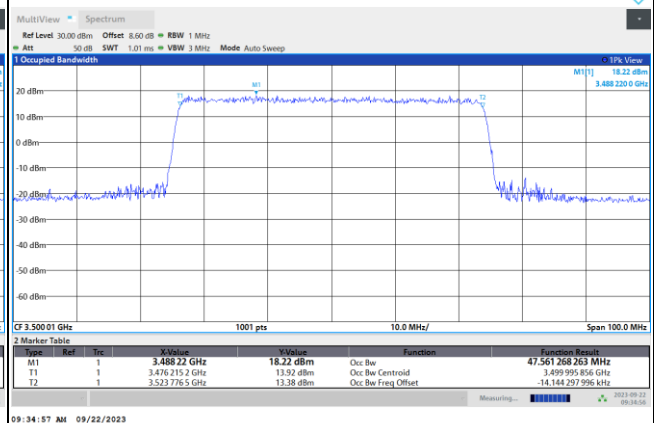
## 16QAM



## 64QAM



## 256QAM

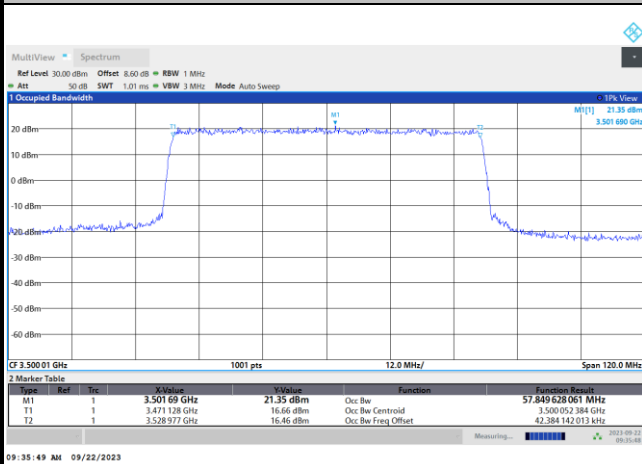






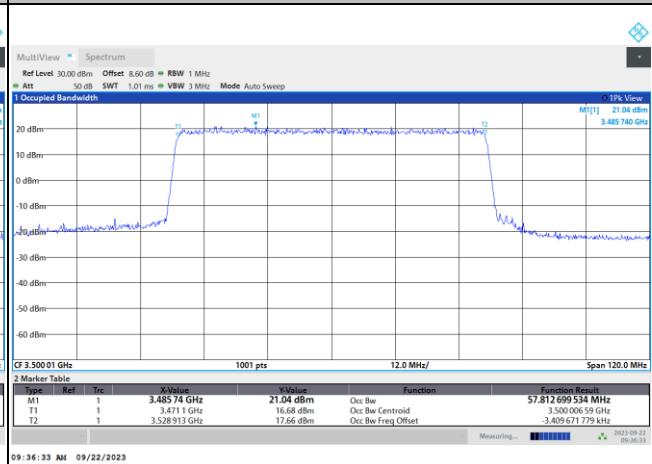
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 60MHz / CP OFDM / Middle Channel / Full RB

## QPSK



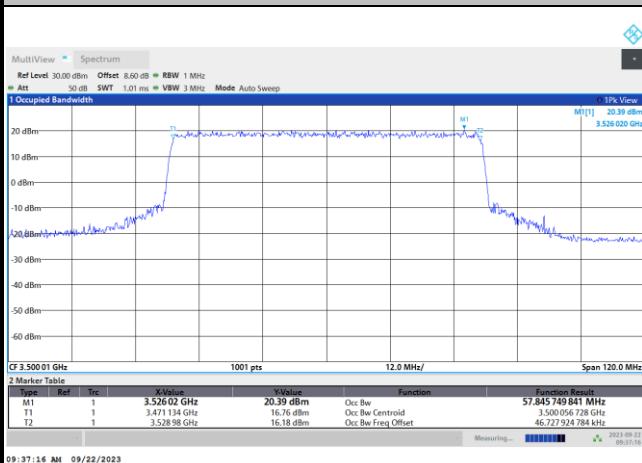
09:35:49 AM 09/22/2023

## 16QAM



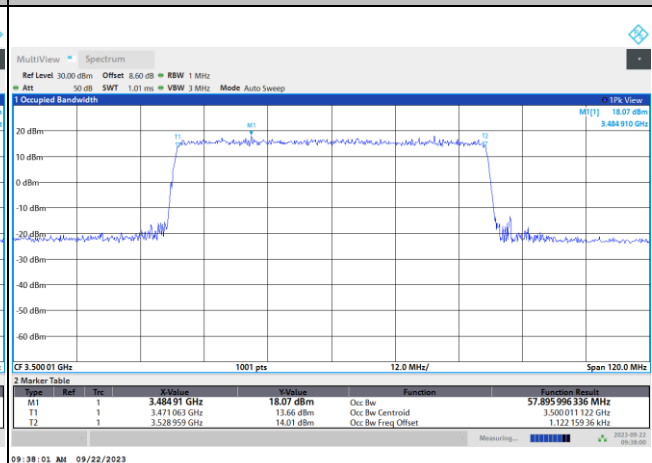
09:36:33 AM 09/22/2023

## 64QAM



09:37:16 AM 09/22/2023

## 256QAM

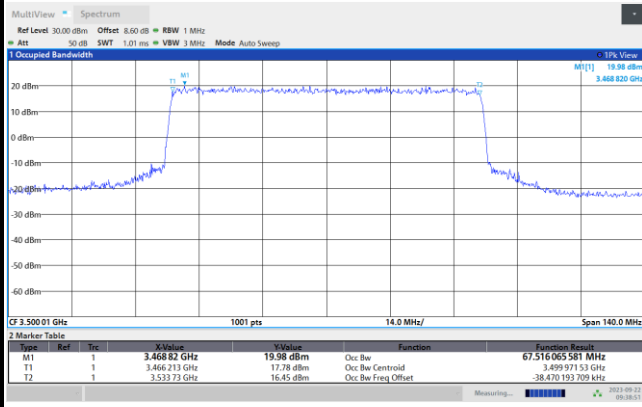


09:38:01 AM 09/22/2023



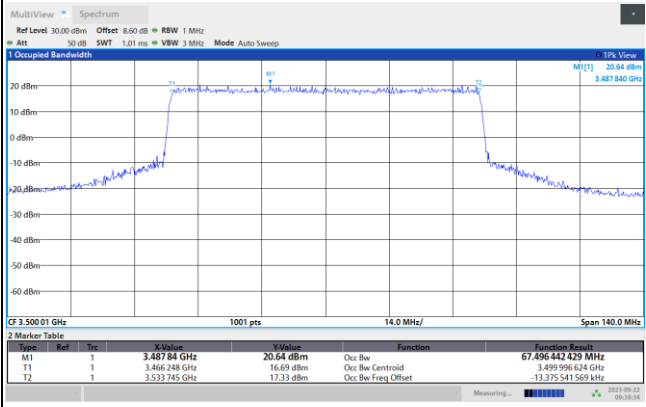
## 5G-FR1 SA UL MIMO n77 (PC1.5) / 70MHz / CP OFDM / Middle Channel / Full RB

## QPSK



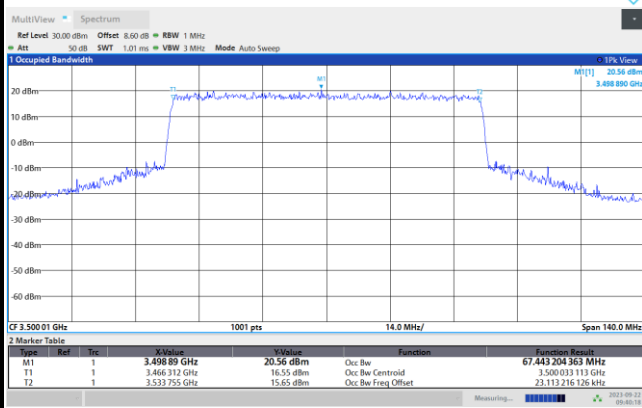
09:38:51 AM 09/22/2023

## 16QAM



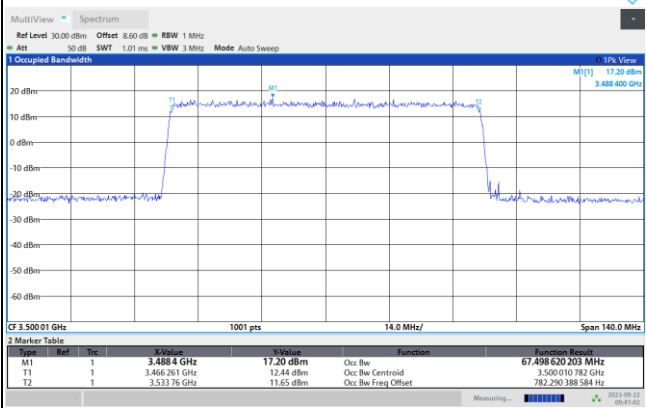
09:39:35 AM 09/22/2023

## 64QAM



09:40:18 AM 09/22/2023

## 256QAM

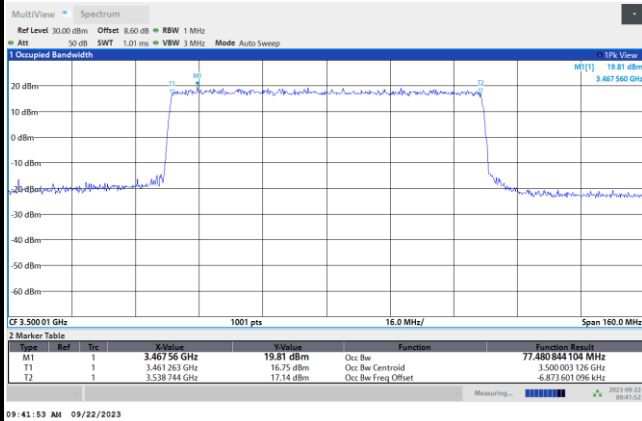


09:41:03 AM 09/22/2023

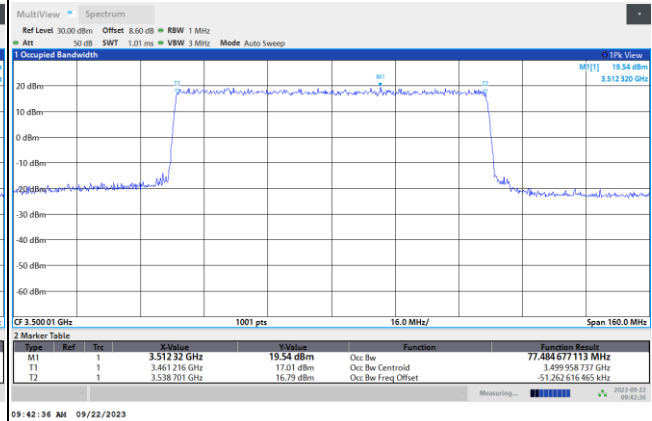


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 80MHz / CP OFDM / Middle Channel / Full RB

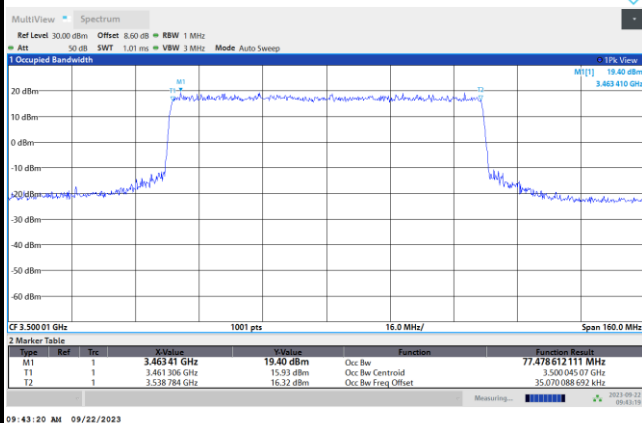
## QPSK



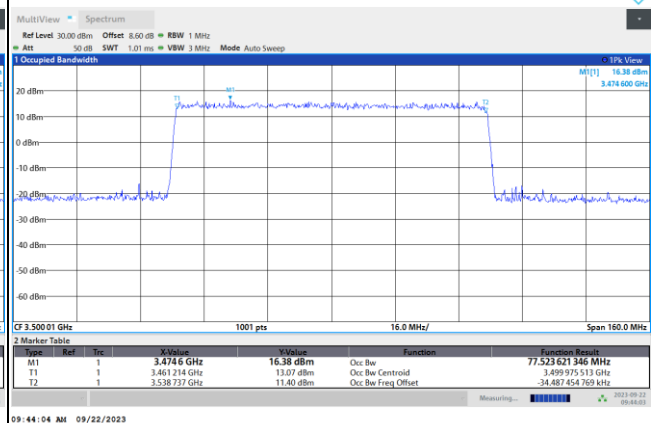
## 16QAM



## 64QAM



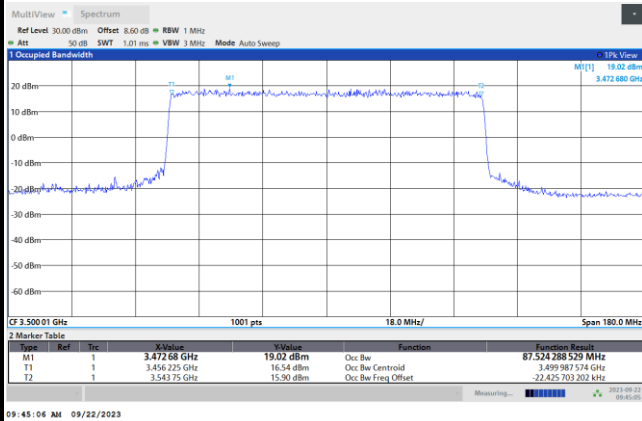
## 256QAM



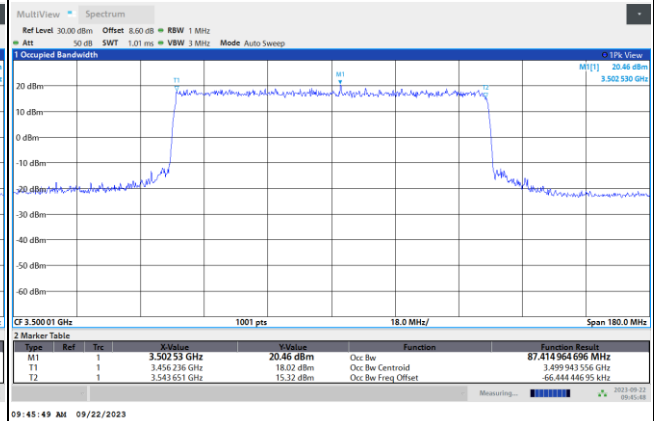


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 90MHz / CP OFDM / Middle Channel / Full RB

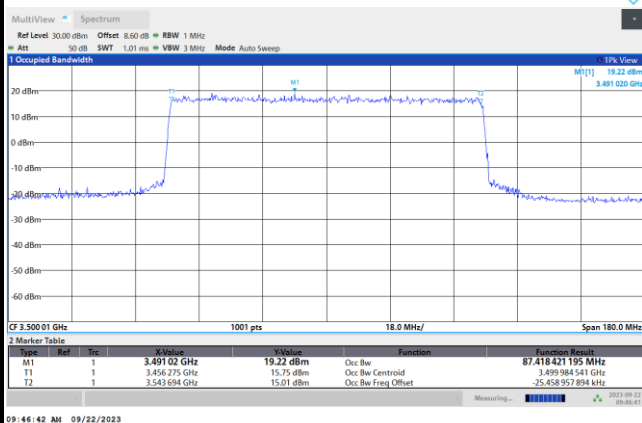
## QPSK



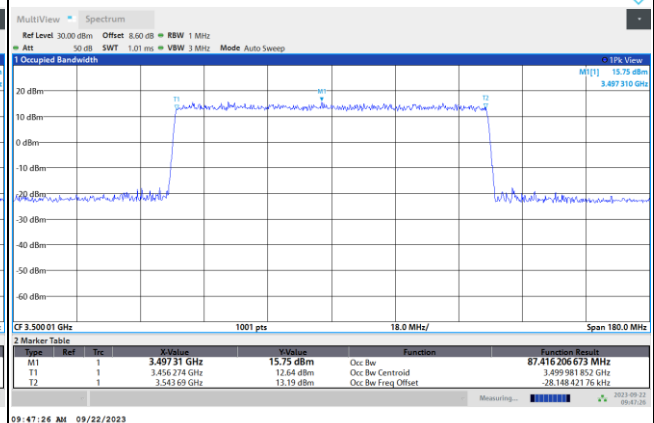
## 16QAM



## 64QAM



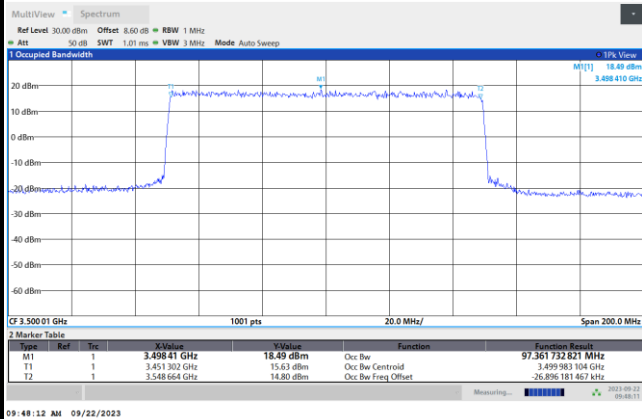
## 256QAM



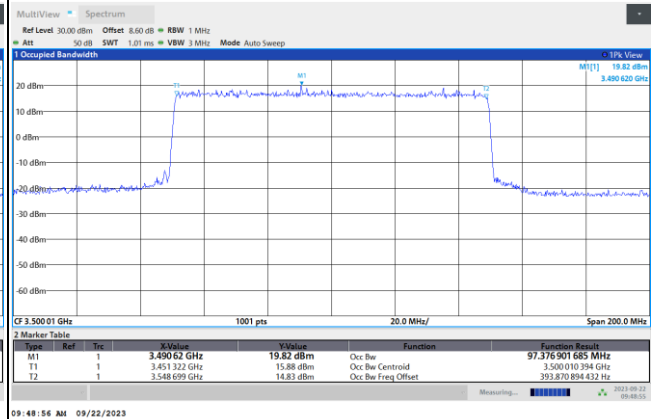


## 5G-FR1 SA UL MIMO n77 (PC1.5) / 100MHz / CP OFDM / Middle Channel / Full RB

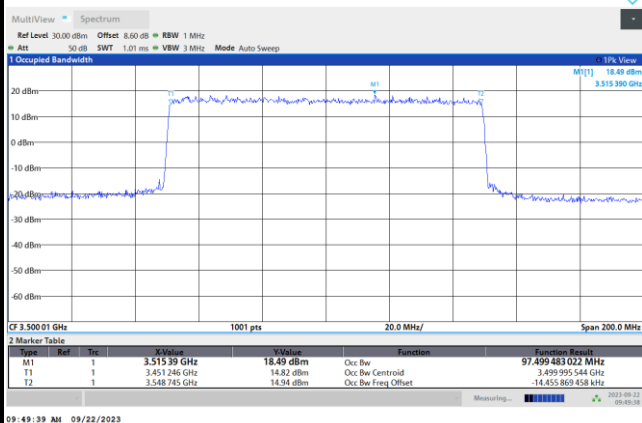
## QPSK



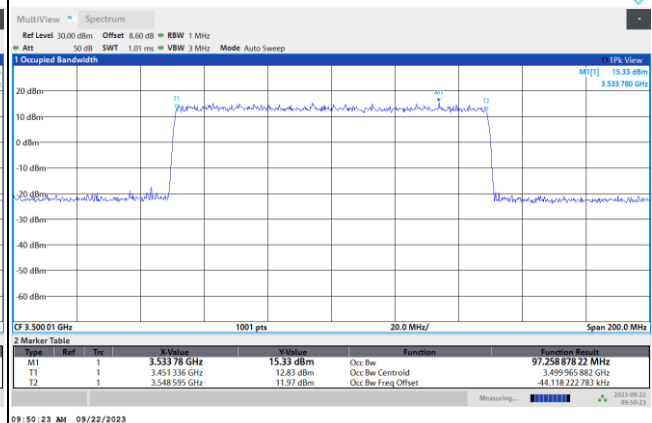
## 16QAM

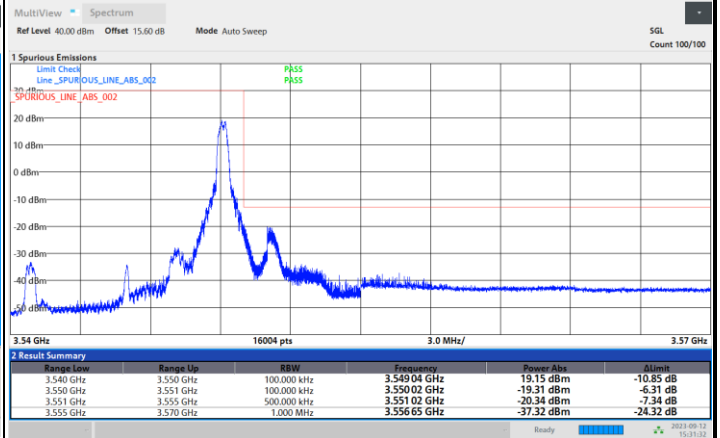
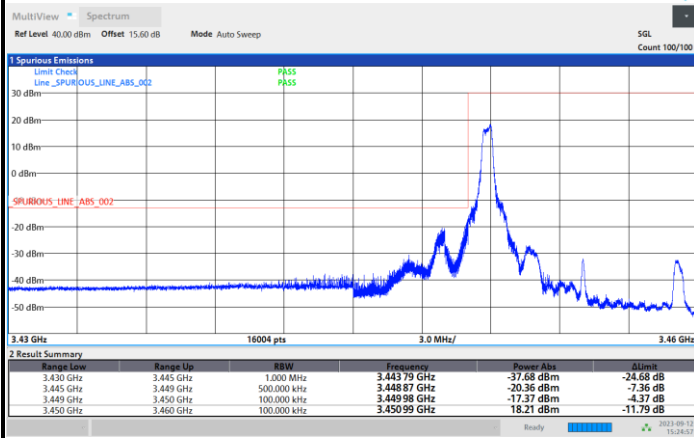
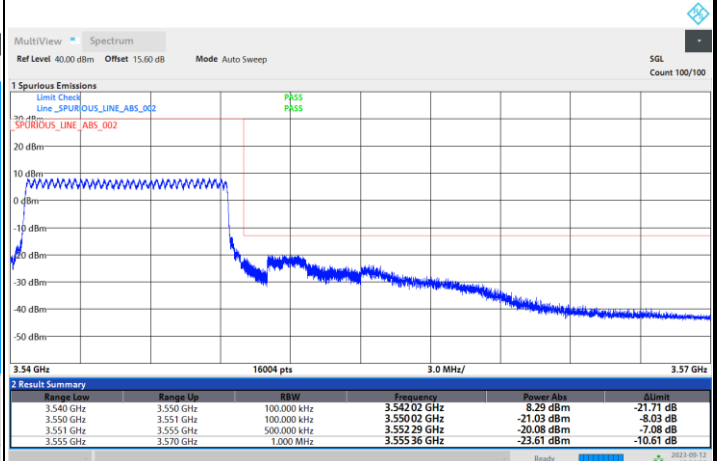
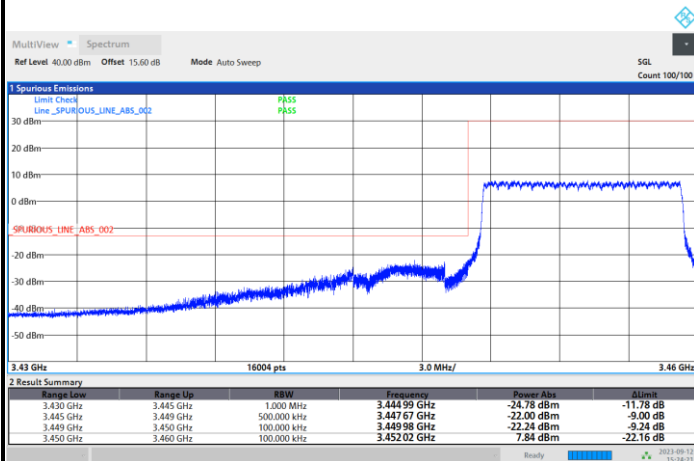


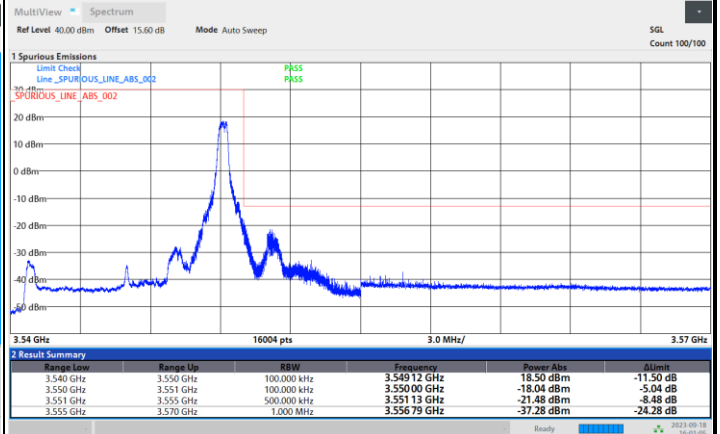
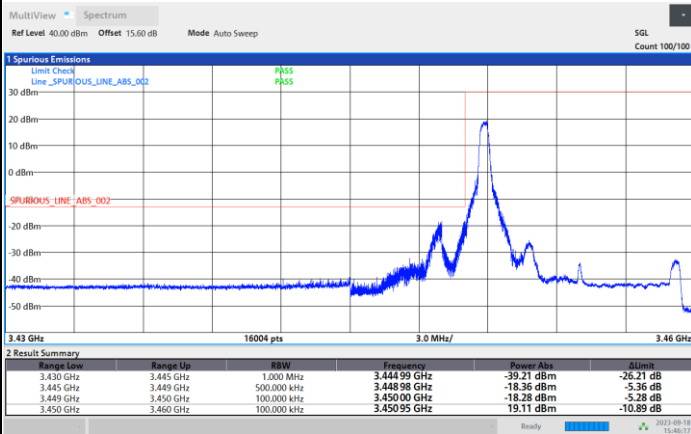
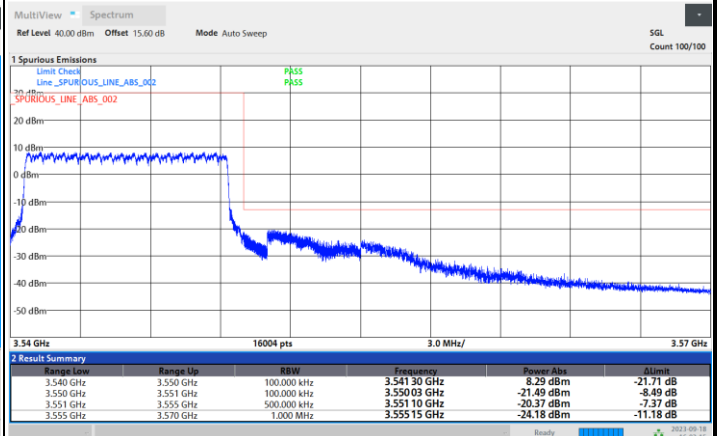
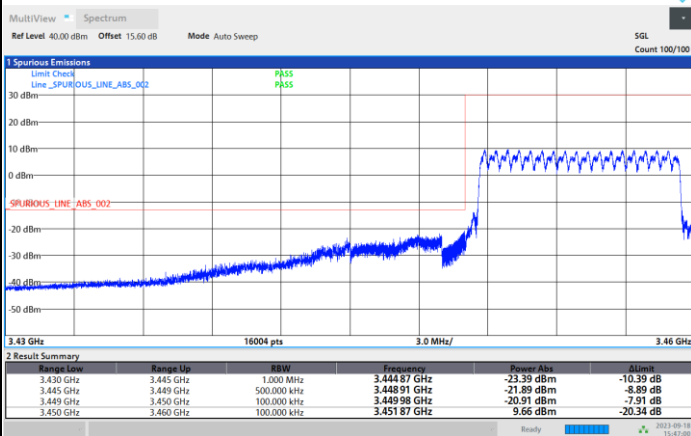
## 64QAM



## 256QAM



**Conducted Band Edge****5G-FR1 SA UL MIMO n77 (PC1.5) / 10MHz / CP OFDM / QPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

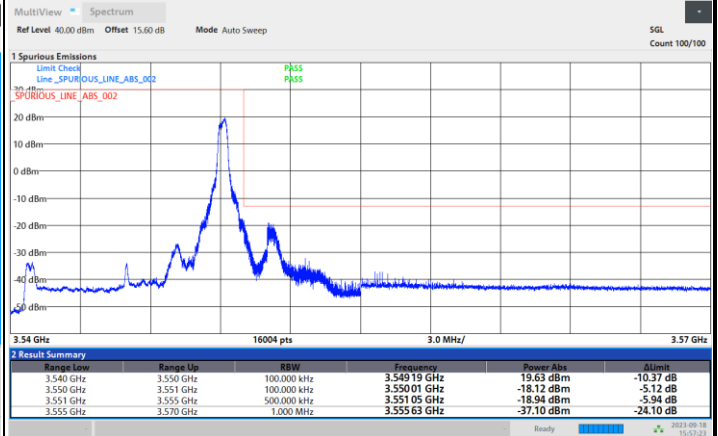
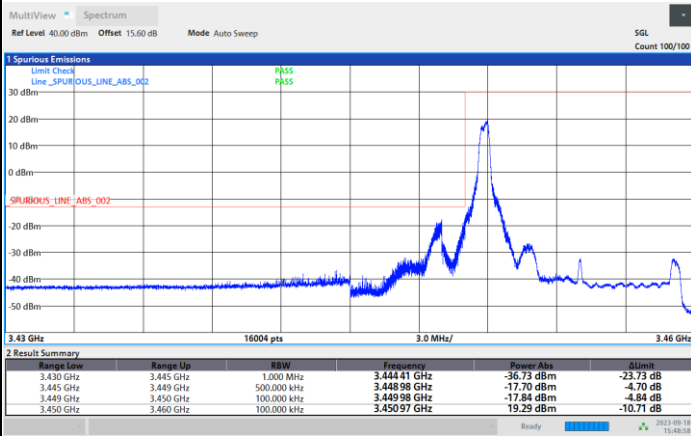
**5G-FR1 SA UL MIMO n77 (PC1.5) / 10MHz / CP OFDM / 16QAM****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



## 5G-FR1 SA UL MIMO n77 (PC1.5) / 10MHz / CP OFDM / 64QAM

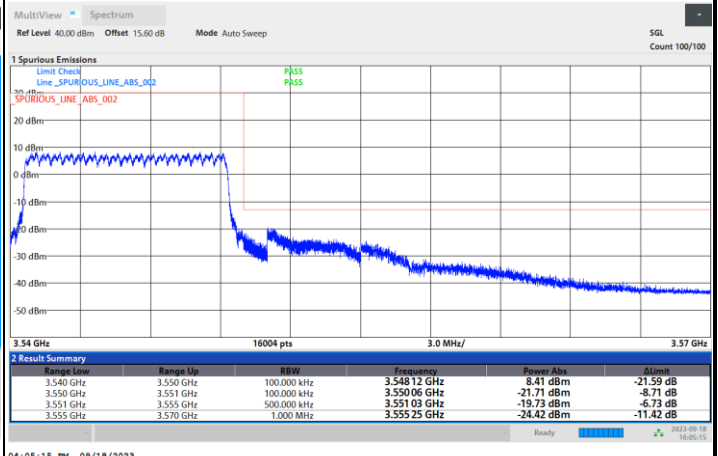
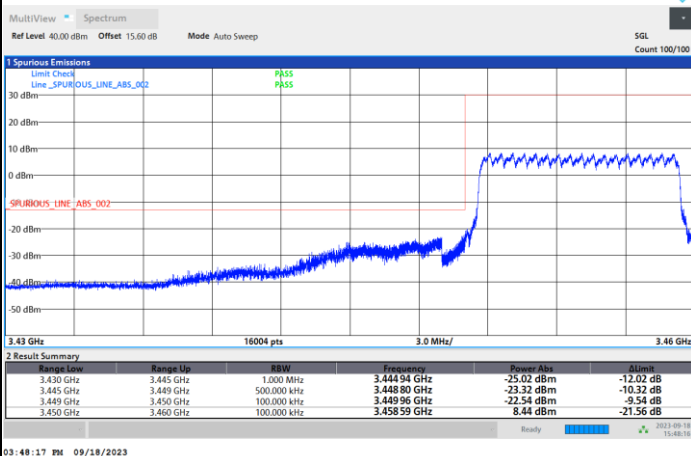
## Lowest Band Edge / 1RB0

## Highest Band Edge / 1RBmax



## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB



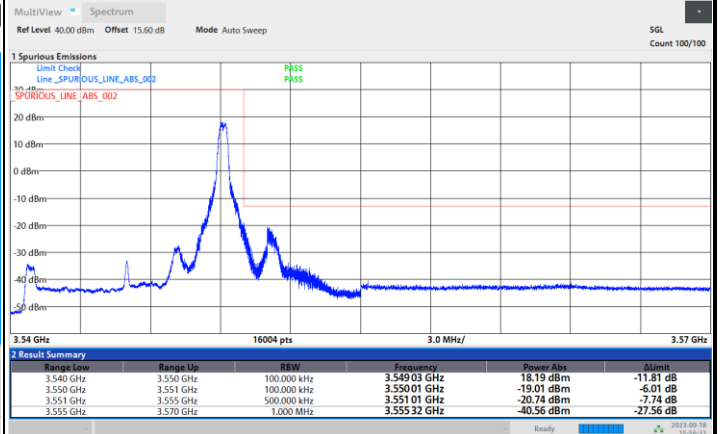
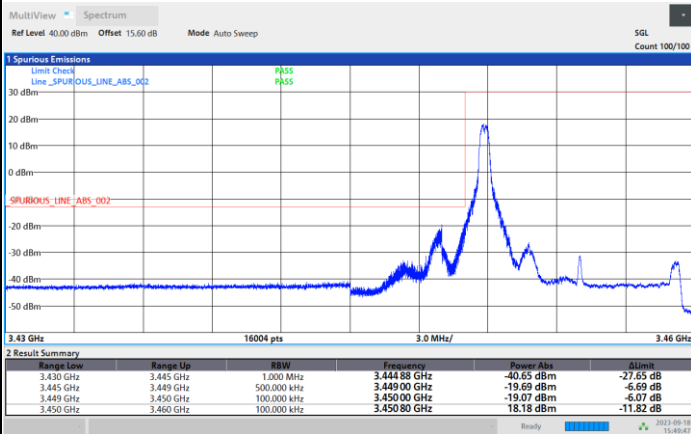




## 5G-FR1 SA UL MIMO n77 (PC1.5) / 10MHz / CP OFDM / 256QAM

## Lowest Band Edge / 1RB0

## Highest Band Edge / 1RBmax



## Lowest Band Edge / Full RB

## Highest Band Edge / Full RB

