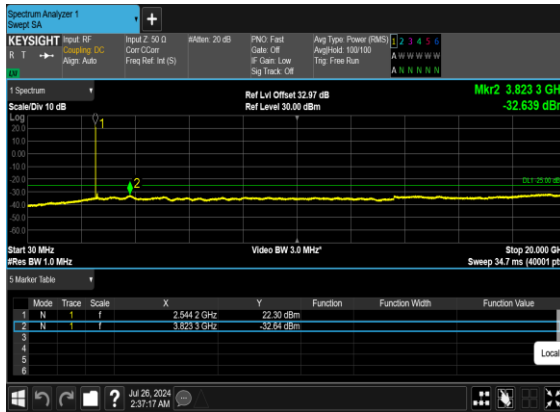
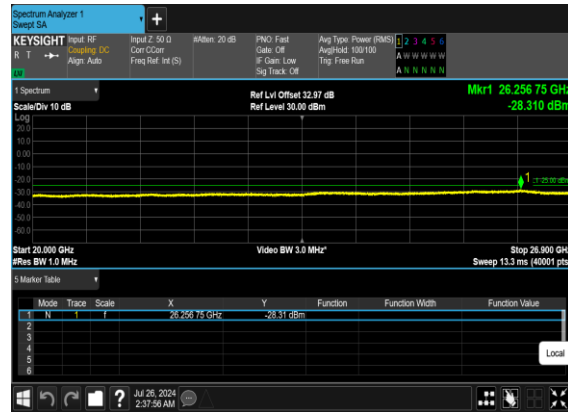




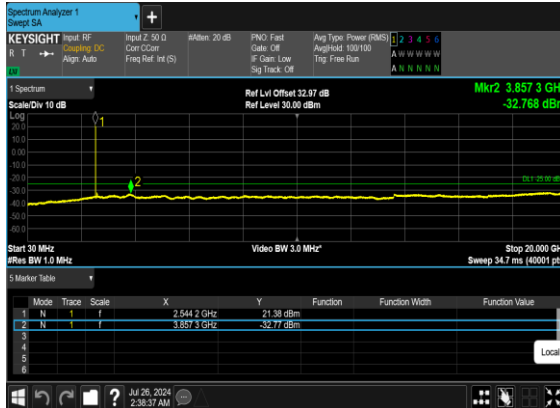
B66\_N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



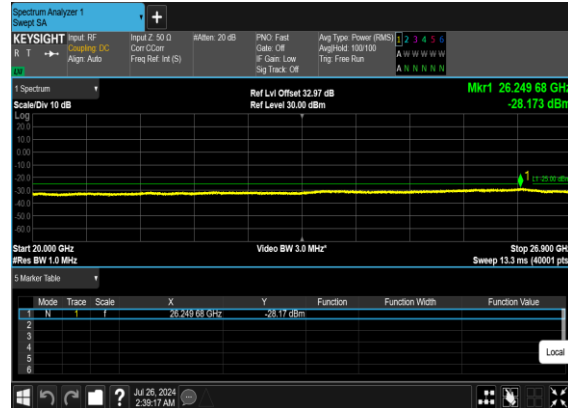
B66\_N41(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B66\_N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

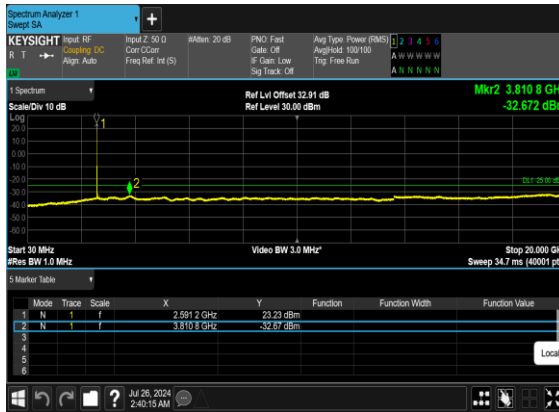


B66\_N41(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

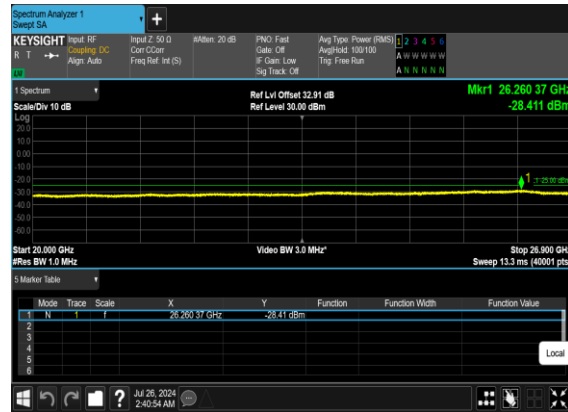




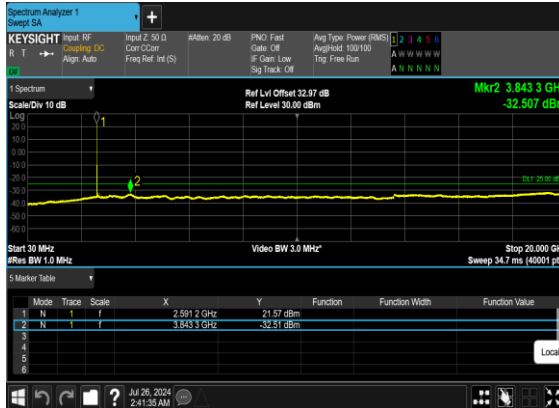
B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



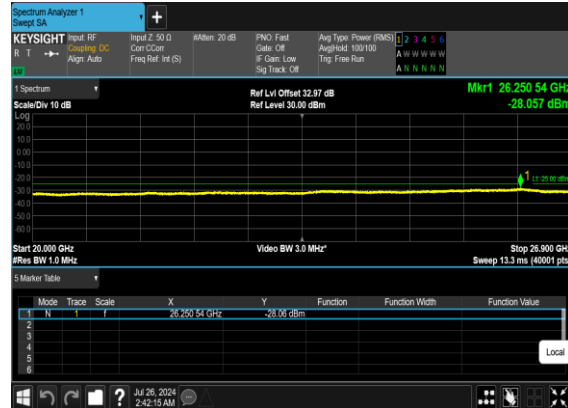
B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



**Conducted Band Edge**

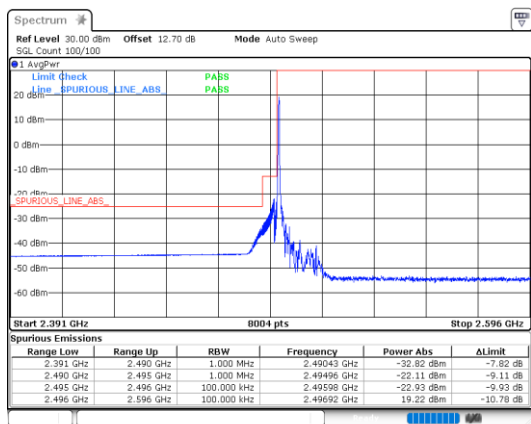
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation         | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|--------------------|-------|-----------|---------|
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 500202 | 2501.01    | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 537000 | 2685.0     | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 537000 | 2685.0     | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 537000 | 2685.0     | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 10              | 537000 | 2682.0     | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 15              | 500700 | 2503.5     | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 15              | 500700 | 2503.5     | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 15              | 500700 | 2503.5     | DFT-s-OFDM<br>BPSK | 36@0  | see graph | PASS    |
| 41      | 30        | 15              | 500700 | 2503.5     | DFT-s-OFDM<br>QPSK | 36@0  | see graph | PASS    |
| 41      | 30        | 15              | 536496 | 2682.48    | DFT-s-OFDM<br>BPSK | 1@37  | see graph | PASS    |
| 41      | 30        | 15              | 536496 | 2682.48    | DFT-s-OFDM<br>QPSK | 1@37  | see graph | PASS    |
| 41      | 30        | 15              | 536496 | 2682.48    | DFT-s-OFDM<br>BPSK | 36@0  | see graph | PASS    |
| 41      | 30        | 15              | 536496 | 2682.48    | DFT-s-OFDM<br>QPSK | 36@0  | see graph | PASS    |
| 41      | 30        | 50              | 504204 | 2521.02    | DFT-s-OFDM<br>BPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 50              | 504204 | 2521.02    | DFT-s-OFDM<br>QPSK | 1@0   | see graph | PASS    |
| 41      | 30        | 50              | 504204 | 2521.02    | DFT-s-OFDM<br>BPSK | 128@0 | see graph | PASS    |
| 41      | 30        | 50              | 504204 | 2521.02    | DFT-s-OFDM<br>QPSK | 128@0 | see graph | PASS    |



|    |    |     |        |         |                 |       |           |      |
|----|----|-----|--------|---------|-----------------|-------|-----------|------|
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 1@132 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 1@132 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM BPSK | 128@0 | see graph | PASS |
| 41 | 30 | 50  | 532998 | 2664.99 | DFT-s-OFDM QPSK | 128@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 1@0   | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 1@0   | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 509202 | 2546.01 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 41 | 30 | 100 | 528000 | 2640.0  | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |

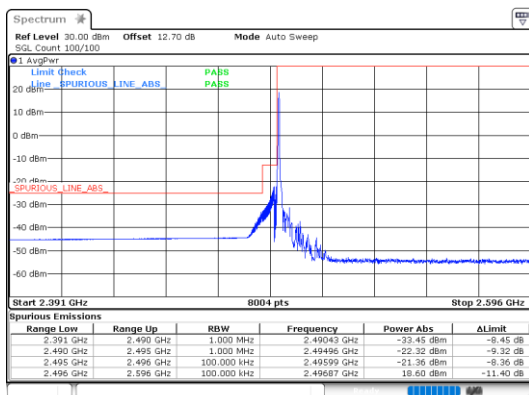


B66\_N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



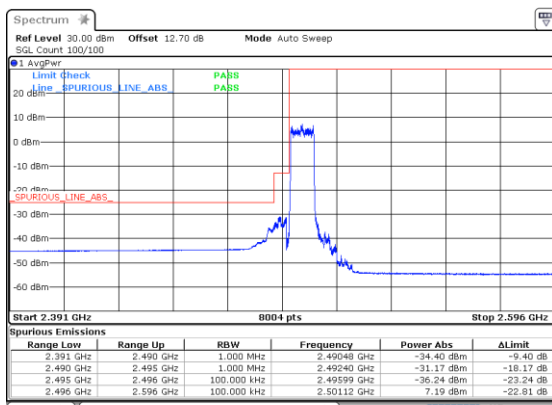
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B66\_N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



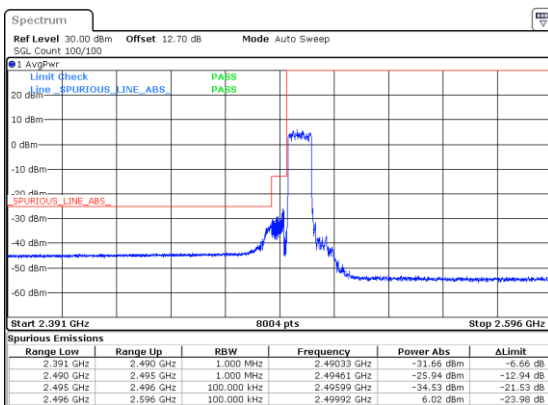
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B66\_N41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



Date: 5.AUG.2024 11:11:59

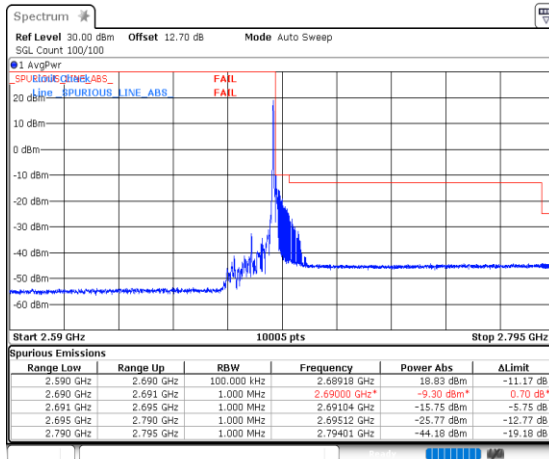
B66\_N41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



Date: 5.AUG.2024 11:12:33

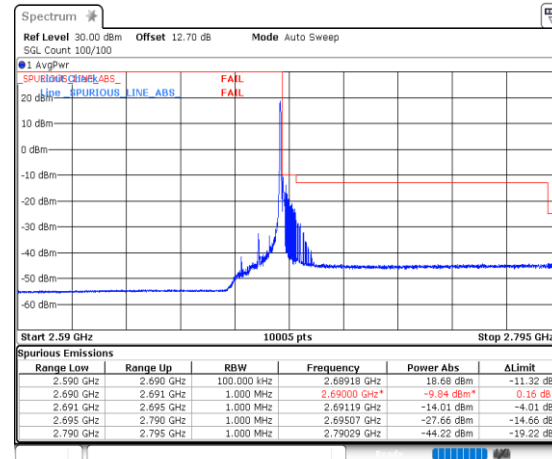


B66\_N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_Hig\_CH

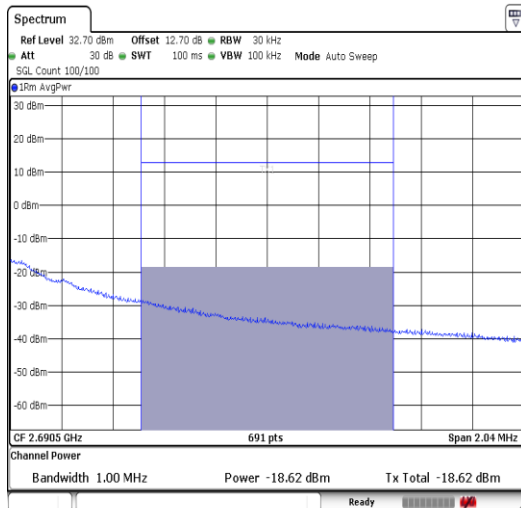


Date: 5.AUG.2024 11:43:43

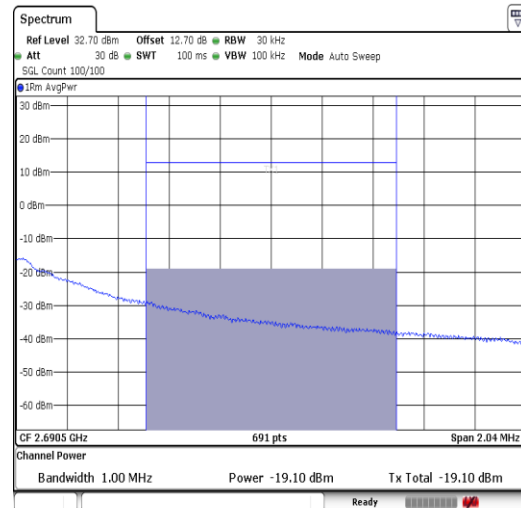
B66\_N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_Hig\_CH



Date: 5.AUG.2024 11:42:50



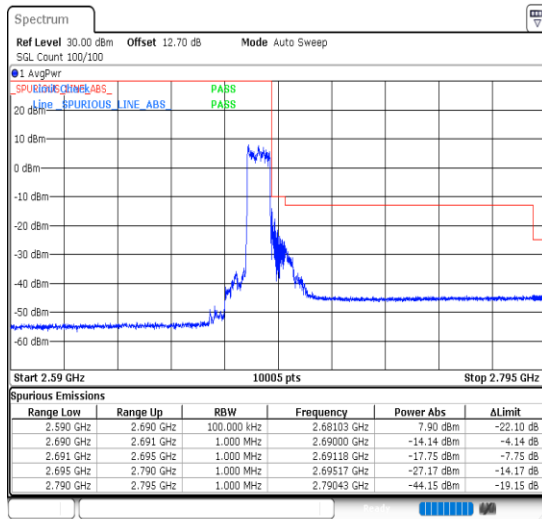
Date: 5.AUG.2024 12:59:20



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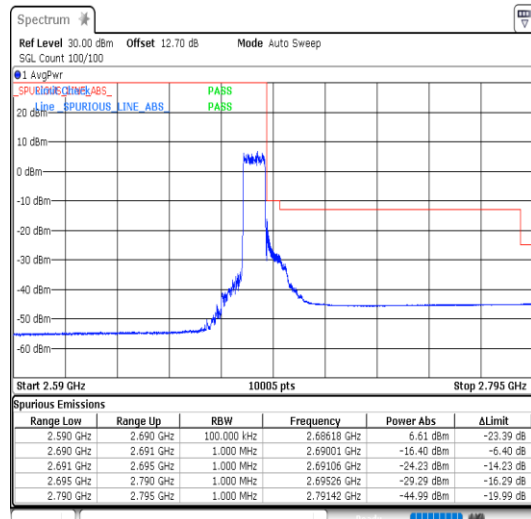


B66\_N41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Hig\_CH



Date: 5.AUG.2024 11:29:54

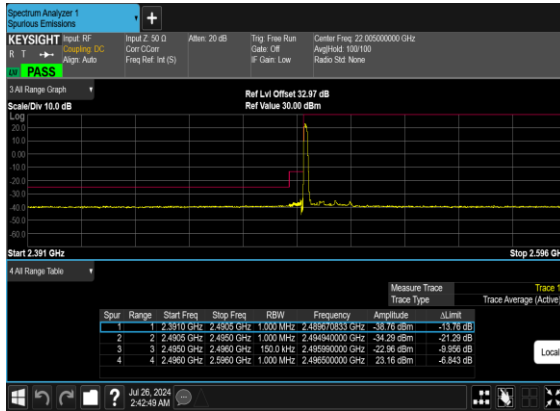
B66\_N41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Hig\_CH



Date: 5.AUG.2024 11:26:46



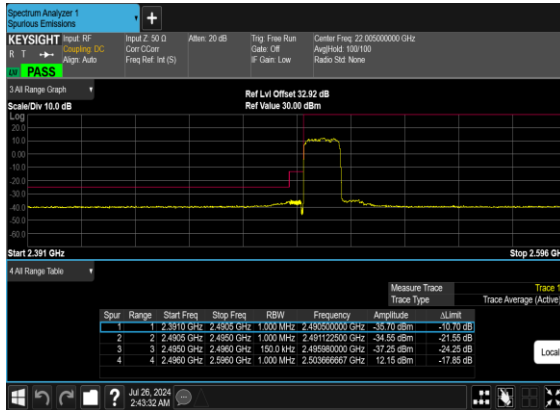
B66\_N41(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



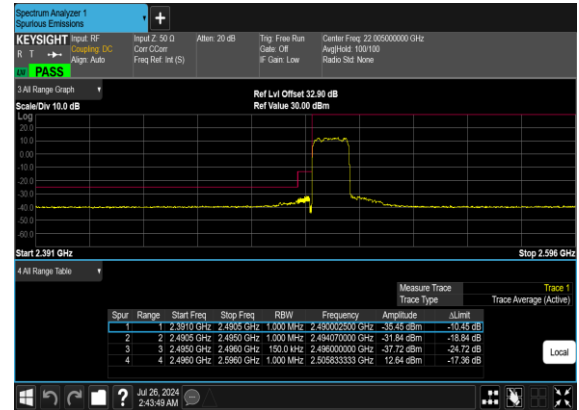
B66\_N41(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B66\_N41(15M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

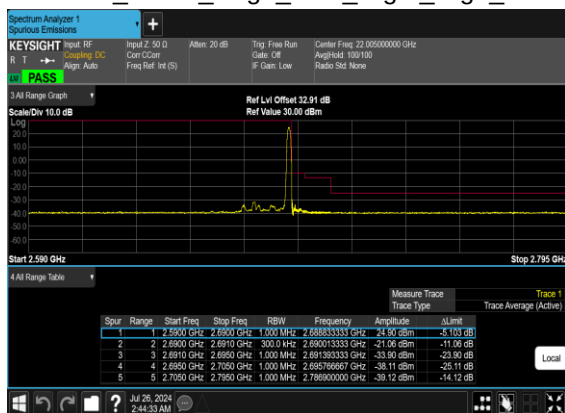


B66\_N41(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

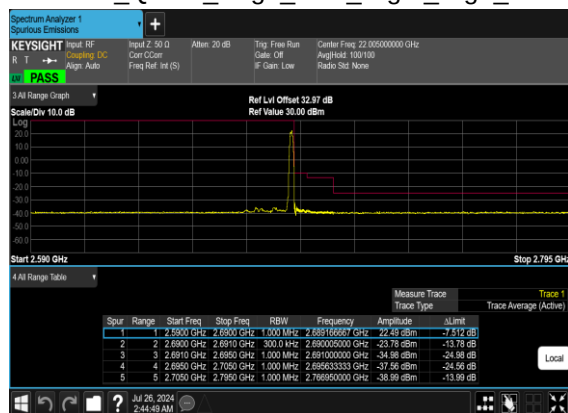




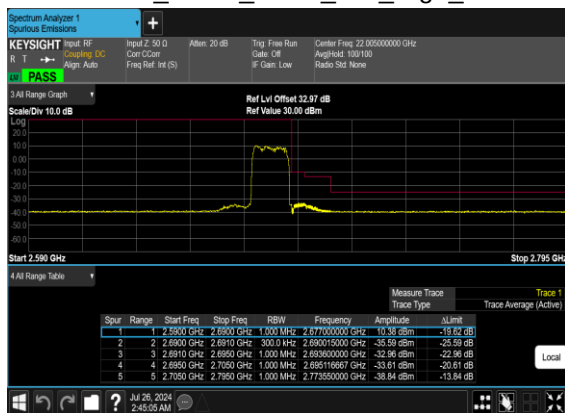
B66\_N41(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



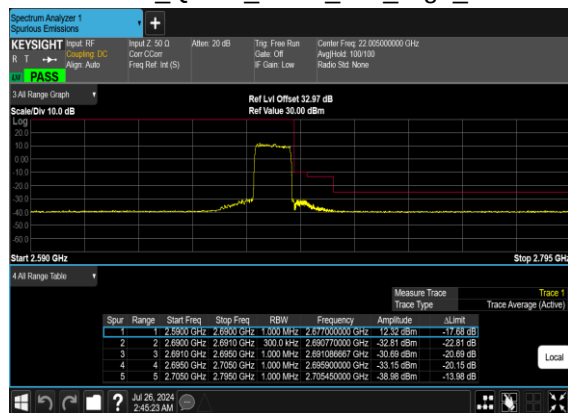
B66\_N41(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B66\_N41(15M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

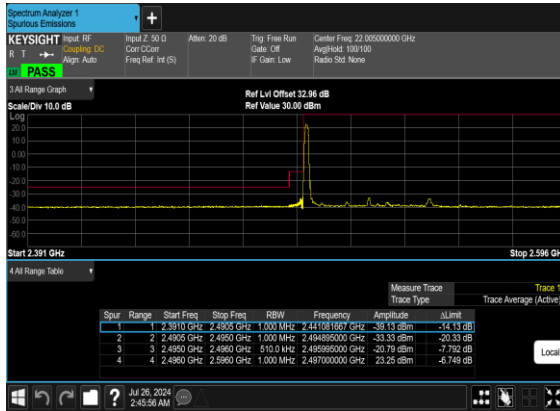


B66\_N41(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





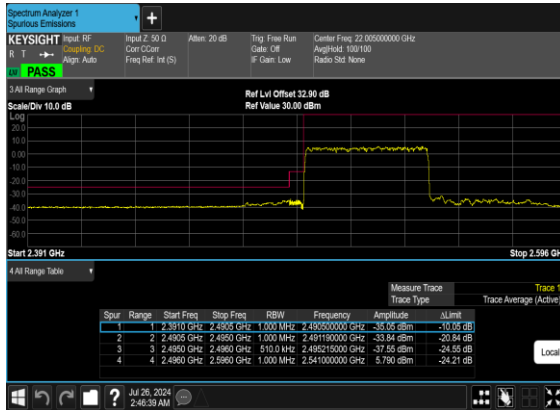
B66\_N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



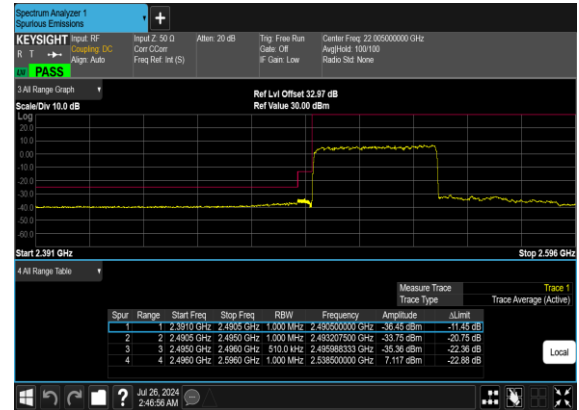
B66\_N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B66\_N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

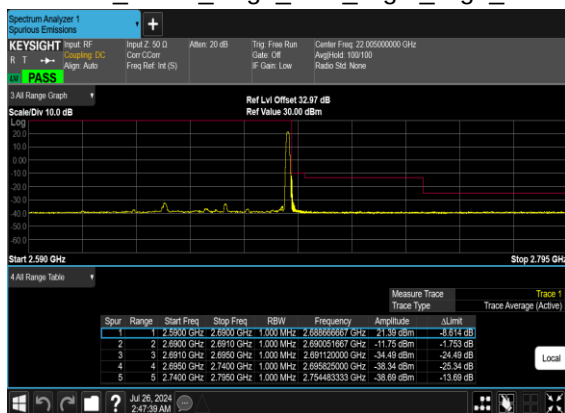


B66\_N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

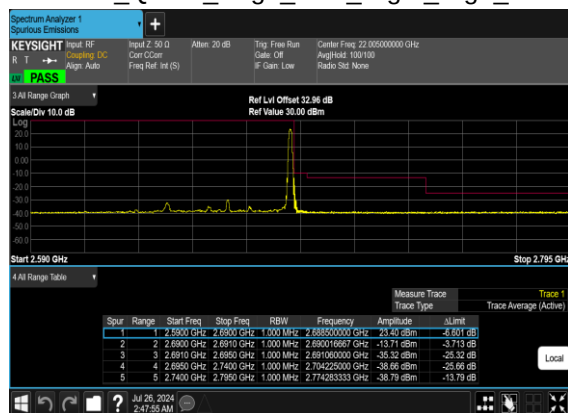




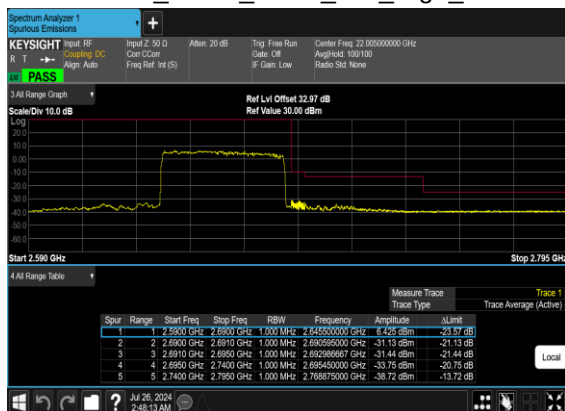
B66\_N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



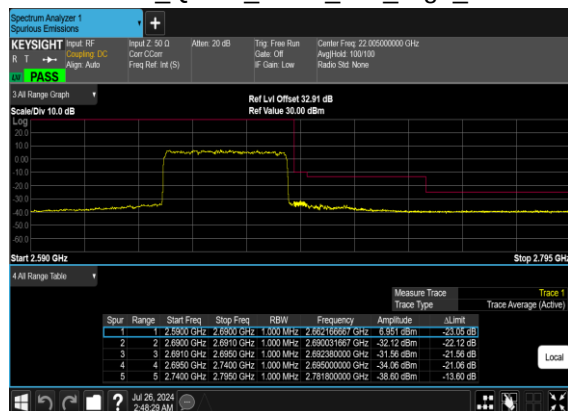
B66\_N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B66\_N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

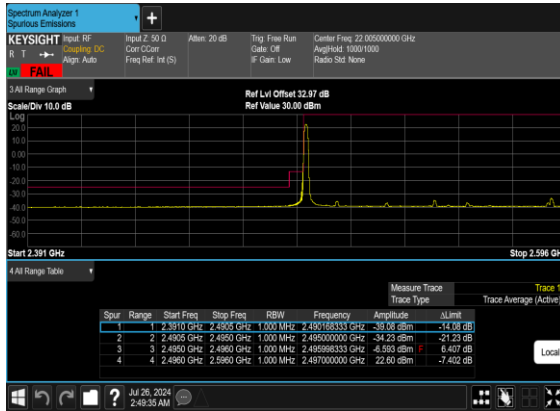


B66\_N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

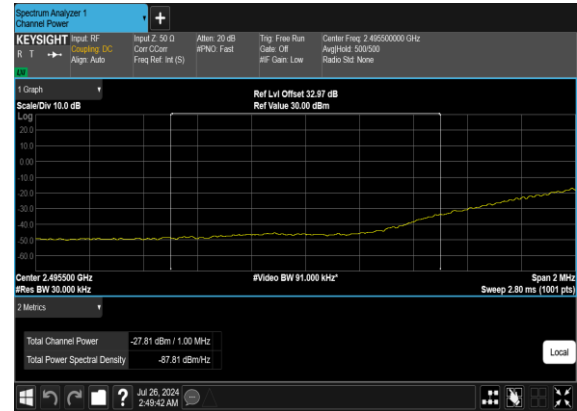




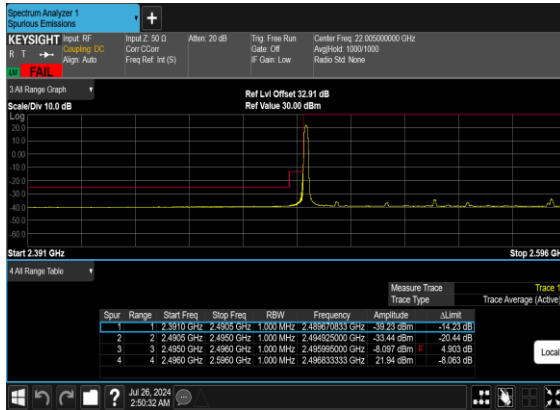
B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



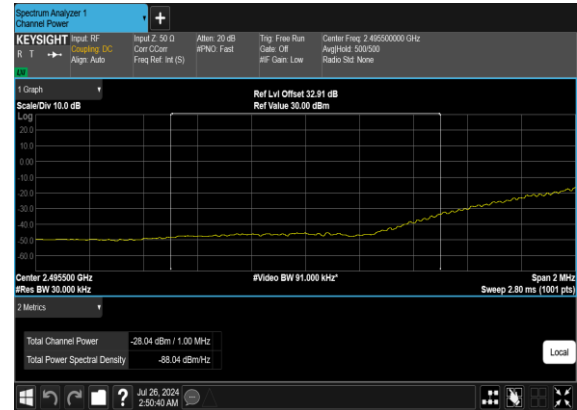
B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

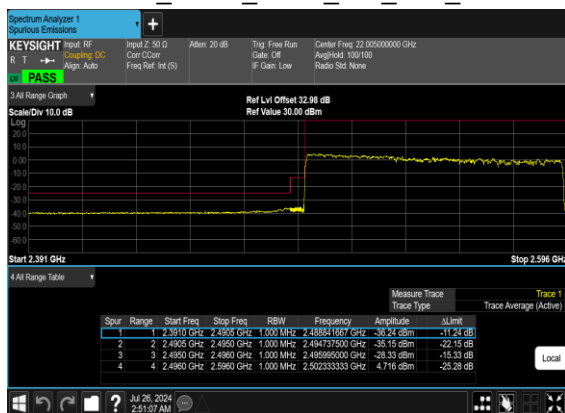


B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS

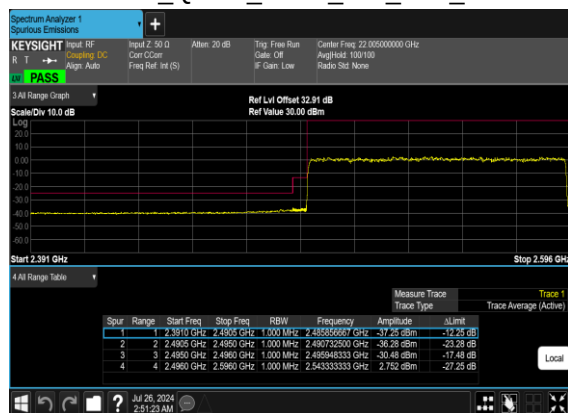




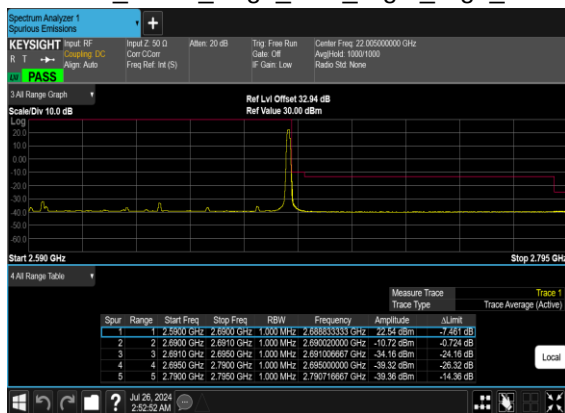
B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



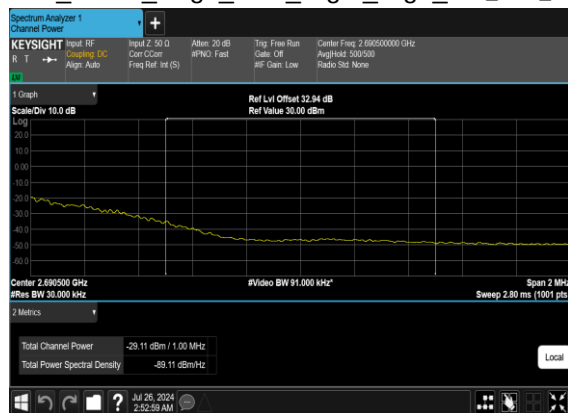
B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

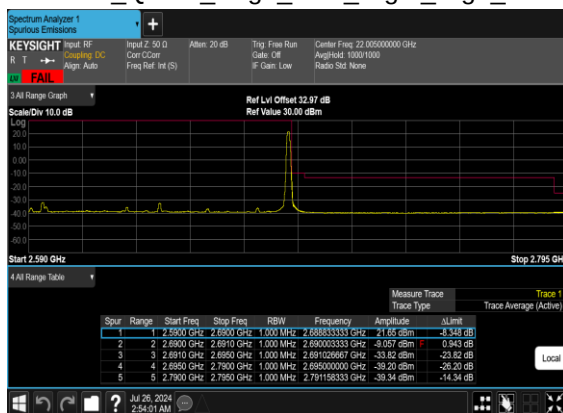


B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS

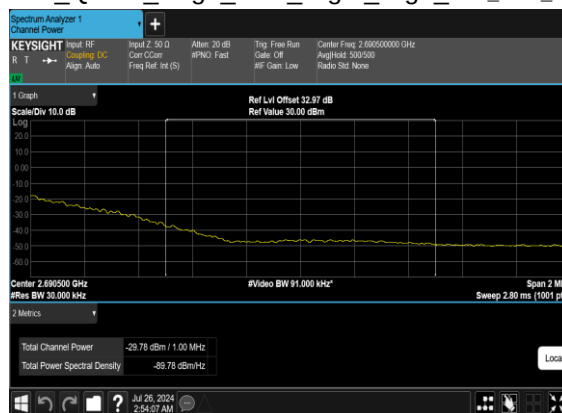




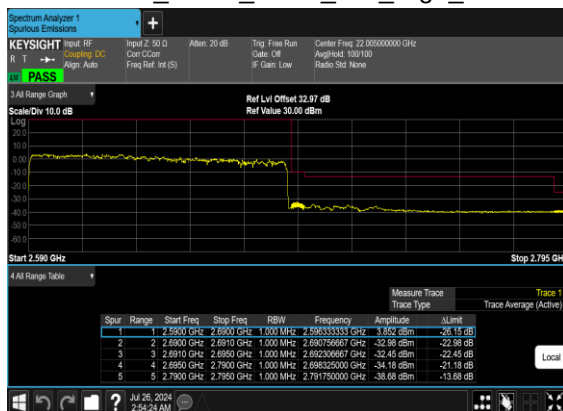
B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



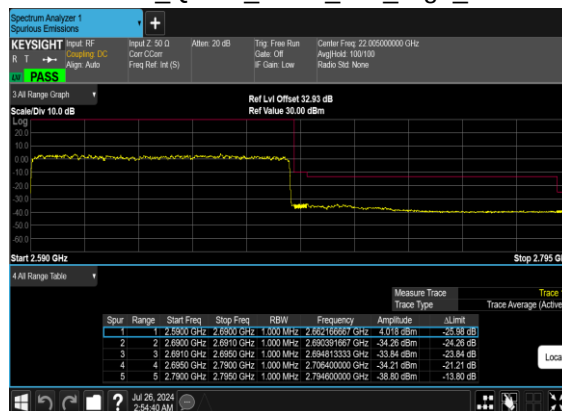
B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



B66\_N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



B66\_N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



Note: "CHP" means channel power integrated method.



## FR1 n41 SCS 30K(Other PA\_ANT 7)

## Transmitter Conducted Output Power And EIRP, (GT - LC)=-6.2dBi

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|-------|--------|--------|--------|--------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |       | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |       | IC-L   | L      | M      | H      |
| 100             | PI/2 BPSK  | 1       | 1         | 16.92                 | 16.90                    | 16.93                  | -6.20 | 0.0785 | 0.0118 | 0.0117 | 0.0118 |
| 100             | QPSK       | 1       | 1         | 16.74                 | 16.65                    | 16.68                  | -6.20 | 0.0782 | 0.0113 | 0.0111 | 0.0112 |
| 100             | QPSK       | 1       | 137       | 17.38                 | 17.31                    | 17.34                  | -6.20 | 0.0798 | 0.0131 | 0.0129 | 0.0130 |
| 100             | QPSK       | 1       | 271       | 17.59                 | 17.55                    | 17.57                  | -6.20 | 0.0721 | 0.0138 | 0.0136 | 0.0137 |
| 100             | QPSK       | 135     | 0         | 15.38                 | 15.36                    | 15.43                  | -6.20 | 0.0664 | 0.0083 | 0.0082 | 0.0084 |
| 100             | QPSK       | 135     | 69        | 16.84                 | 16.79                    | 16.84                  | -6.20 | 0.0804 | 0.0116 | 0.0115 | 0.0116 |
| 100             | QPSK       | 135     | 138       | 16.44                 | 16.36                    | 16.43                  | -6.20 | 0.0601 | 0.0106 | 0.0104 | 0.0105 |
| 100             | QPSK       | 270     | 0         | 15.76                 | 15.69                    | 15.73                  | -6.20 | 0.0634 | 0.0090 | 0.0089 | 0.0090 |
| 100             | 16QAM      | 1       | 1         | 15.30                 | 15.27                    | 15.30                  | -6.20 | 0.0646 | 0.0081 | 0.0081 | 0.0081 |
| 100             | 64QAM      | 1       | 1         | 13.98                 | 13.92                    | 13.99                  | -6.20 | 0.0403 | 0.0060 | 0.0059 | 0.0060 |
| 100             | 256QAM     | 1       | 1         | 11.87                 | 11.82                    | 11.91                  | -6.20 | 0.0280 | 0.0037 | 0.0036 | 0.0037 |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |       |        |        |        |        |
| 90              | QPSK       | 1       | 1         | 17.03                 | 16.94                    | 16.98                  | -6.20 | 0.0736 | 0.0121 | 0.0119 | 0.0120 |
| 90              | 16QAM      | 1       | 1         | 16.78                 | 16.74                    | 16.83                  | -6.20 | 0.0667 | 0.0114 | 0.0113 | 0.0116 |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |       |        |        |        |        |
| 80              | QPSK       | 1       | 1         | 17.03                 | 16.94                    | 16.98                  | -6.20 | 0.0731 | 0.0121 | 0.0119 | 0.0120 |
| 80              | 16QAM      | 1       | 1         | 16.74                 | 16.65                    | 16.70                  | -6.20 | 0.0597 | 0.0113 | 0.0111 | 0.0112 |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |       |        |        |        |        |
| 60              | QPSK       | 1       | 1         | 16.98                 | 16.90                    | 16.99                  | -6.20 | 0.0724 | 0.0120 | 0.0117 | 0.0120 |
| 60              | 16QAM      | 1       | 1         | 16.69                 | 16.65                    | 16.66                  | -6.20 | 0.0655 | 0.0112 | 0.0111 | 0.0111 |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |       |        |        |        |        |
| 50              | QPSK       | 1       | 1         | 17.03                 | 16.94                    | 17.01                  | -6.20 | 0.0802 | 0.0121 | 0.0119 | 0.0121 |
| 50              | 16QAM      | 1       | 1         | 16.76                 | 16.70                    | 16.72                  | -6.20 | 0.0706 | 0.0114 | 0.0112 | 0.0113 |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |       |        |        |        |        |
| 40              | QPSK       | 1       | 1         | 16.96                 | 16.95                    | 16.97                  | -6.20 | 0.0774 | 0.0119 | 0.0119 | 0.0119 |
| 40              | 16QAM      | 1       | 1         | 16.79                 | 16.70                    | 16.73                  | -6.20 | 0.0650 | 0.0115 | 0.0112 | 0.0113 |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |       |        |        |        |        |
| 30              | QPSK       | 1       | 1         | 16.96                 | 16.91                    | 16.97                  | -6.20 | 0.0796 | 0.0119 | 0.0118 | 0.0119 |
| 30              | 16QAM      | 1       | 1         | 16.77                 | 16.72                    | 16.79                  | -6.20 | 0.0689 | 0.0114 | 0.0113 | 0.0115 |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |       |        |        |        |        |

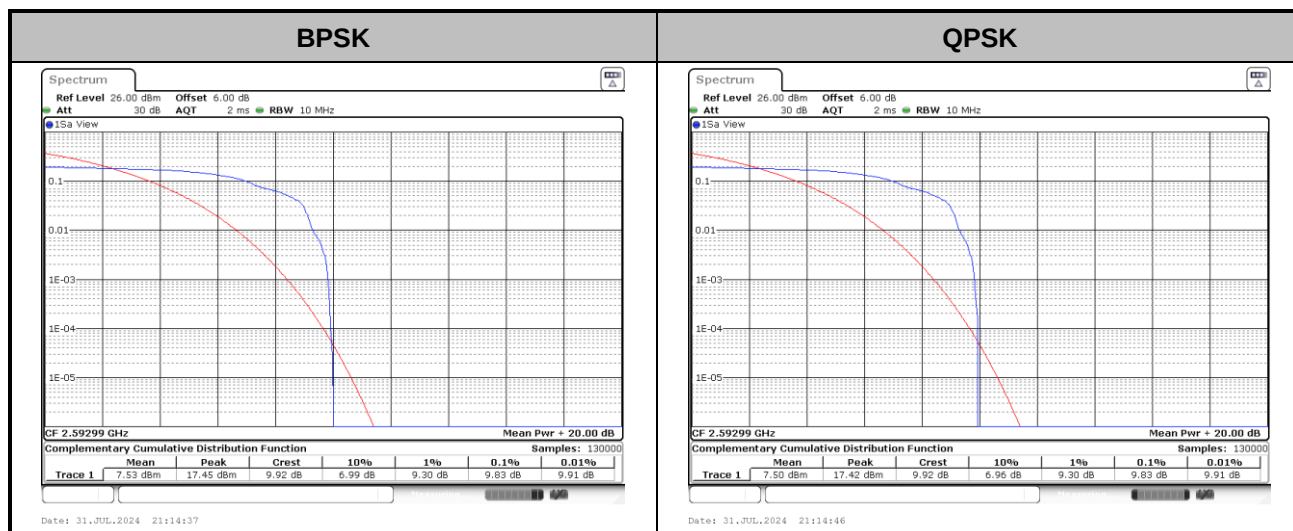


|                 |       |   |   |         |         |         |       |        |        |        |        |
|-----------------|-------|---|---|---------|---------|---------|-------|--------|--------|--------|--------|
| 20              | QPSK  | 1 | 1 | 17.00   | 16.96   | 17.05   | -6.20 | 0.0736 | 0.0120 | 0.0119 | 0.0122 |
| 20              | 16QAM | 1 | 1 | 16.77   | 16.72   | 16.77   | -6.20 | 0.0695 | 0.0114 | 0.0113 | 0.0114 |
| Channel         |       |   |   | 500700  | 518598  | 536496  | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |       |   |   | 2503.5  | 2592.99 | 2682.48 |       |        |        |        |        |
| 15              | QPSK  | 1 | 1 | 17.01   | 16.92   | 16.94   | -6.20 | 0.0736 | 0.0121 | 0.0118 | 0.0119 |
| 15              | 16QAM | 1 | 1 | 16.76   | 16.69   | 16.72   | -6.20 | 0.0695 | 0.0114 | 0.0112 | 0.0113 |
| Channel         |       |   |   | 500202  | 518598  | 537000  | Gain  | EIRP   | EIRP   | EIRP   | EIRP   |
| Frequency (MHz) |       |   |   | 2501.01 | 2592.99 | 2685    |       |        |        |        |        |
| 10              | QPSK  | 1 | 1 | 17.00   | 16.98   | 17.03   | -6.20 | 0.0736 | 0.0120 | 0.0120 | 0.0121 |
| 10              | 16QAM | 1 | 1 | 16.75   | 16.74   | 16.75   | -6.20 | 0.0695 | 0.0114 | 0.0113 | 0.0114 |



## Peak-to-Average Ratio

| Mode      | FR1 n41 / 10MHz / DFT-S OFDM |      |             |
|-----------|------------------------------|------|-------------|
| Mod.      | 10M                          |      | Limit: 13dB |
| RB Size   | BPSK                         | QPSK | Result      |
| Middle CH | 9.83                         | 9.83 | PASS        |



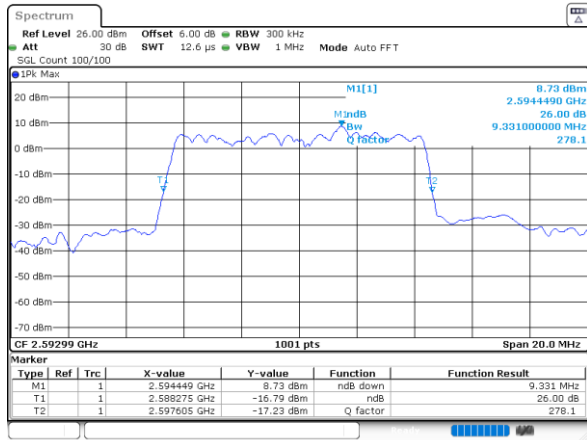
**26dB Bandwidth**

|           |                                     |       |       |        |
|-----------|-------------------------------------|-------|-------|--------|
| Mode      | FR1 n41 : 26dB BW(10 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 9.33                                | 9.27  | 9.29  | 9.29   |
| Mode      | FR1 n41 : 26dB BW(15 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 14.51                               | 14.42 | 14.36 | 14.39  |
| Mode      | FR1 n41 : 26dB BW(20 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 19.02                               | 18.98 | 19.10 | 19.10  |
| Mode      | FR1 n41 : 26dB BW(30 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 29.25                               | 28.77 | 29.01 | 28.85  |
| Mode      | FR1 n41 : 26dB BW(40 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 40.28                               | 40.12 | 40.2  | 40.36  |
| Mode      | FR1 n41 : 26dB BW(50 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 49.95                               | 49.85 | 49.85 | 49.95  |
| Mode      | FR1 n41 : 26dB BW(60 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 60.42                               | 60.30 | 60.30 | 60.42  |
| Mode      | FR1 n41 : 26dB BW(80 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 80.08                               | 79.92 | 79.92 | 79.92  |
| Mode      | FR1 n41 : 26dB BW(90 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 92.43                               | 92.25 | 92.07 | 92.07  |
| Mode      | FR1 n41 : 26dB BW(100 MHz) /CP OFDM |       |       |        |
| BW        | CP                                  |       |       |        |
| Mod.      | QPSK                                | 16QAM | 64QAM | 256QAM |
| Middle CH | 102.3                               | 102.1 | 102.5 | 102.3  |

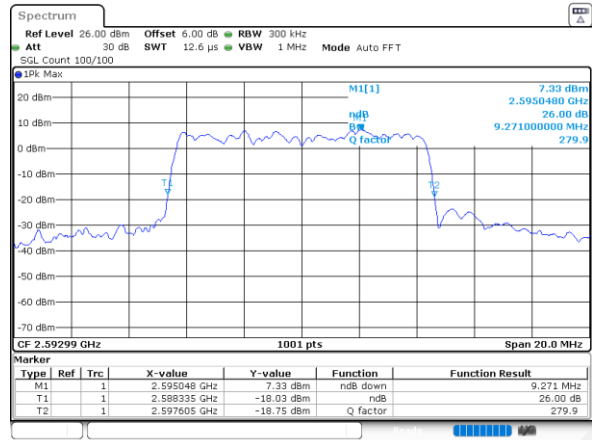


## 10MHz CP-OFDM

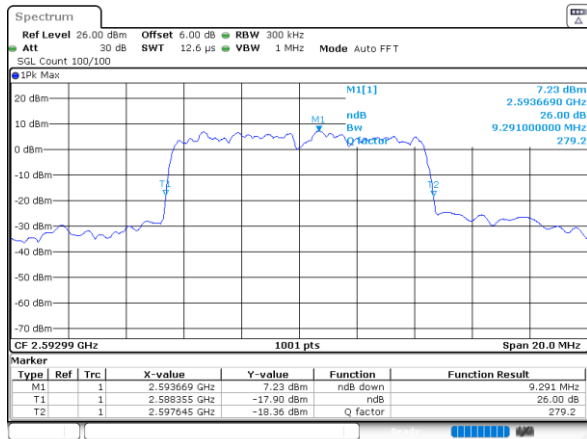
## QPSK



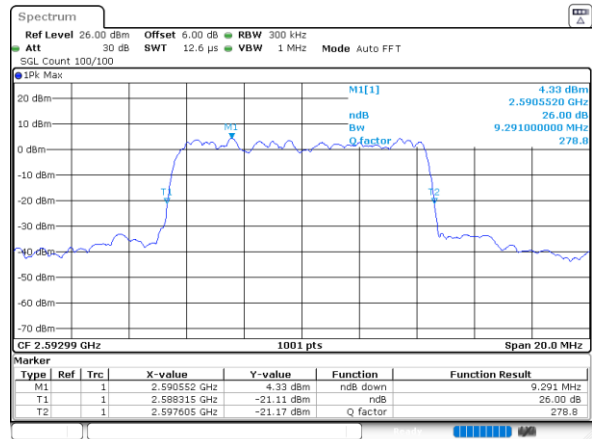
## 16QAM



## 64QAM



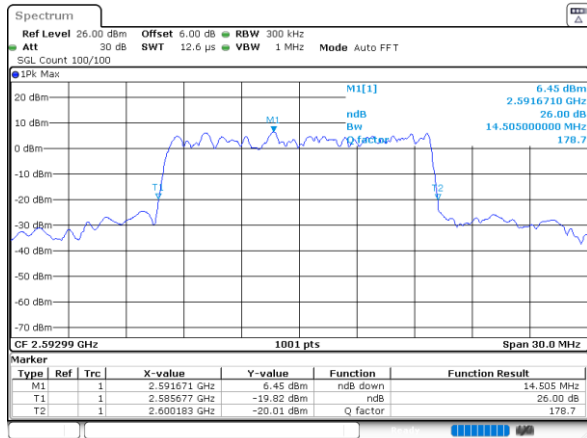
## 256QAM



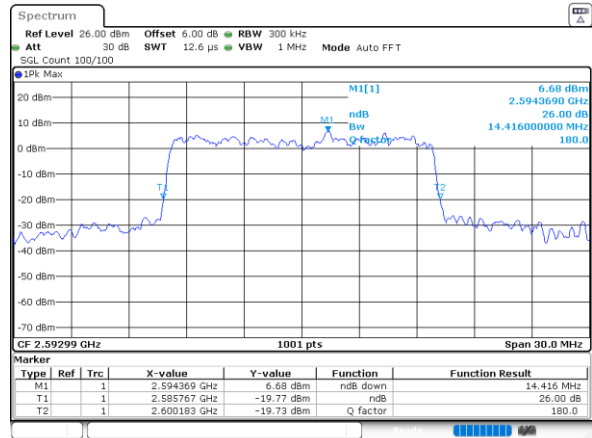


## 15MHz CP-OFDM

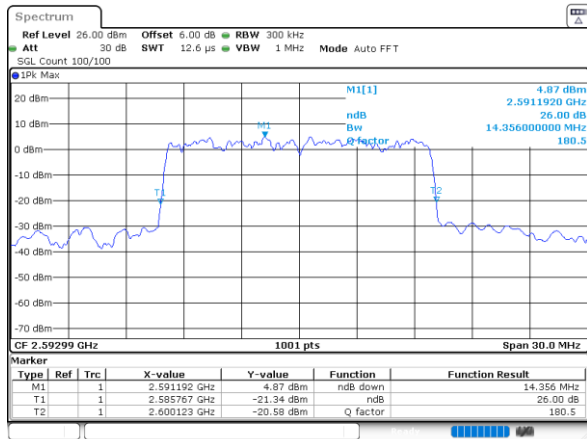
## QPSK



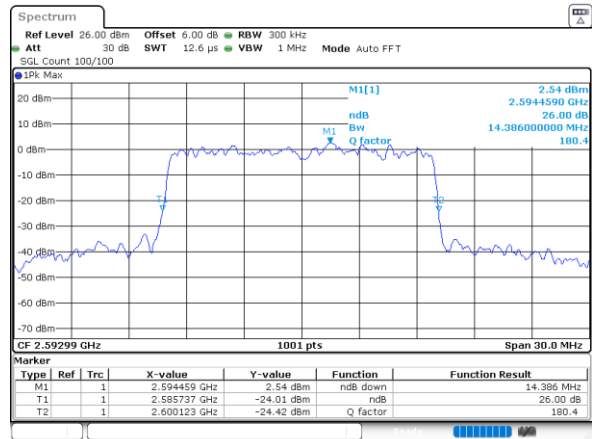
## 16QAM



## 64QAM



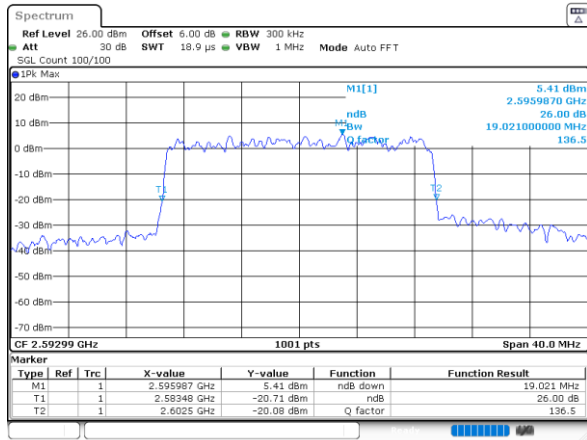
## 256QAM



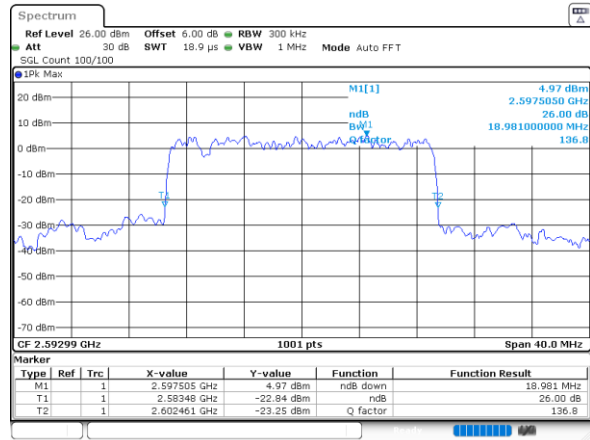


## 20MHz CP-OFDM

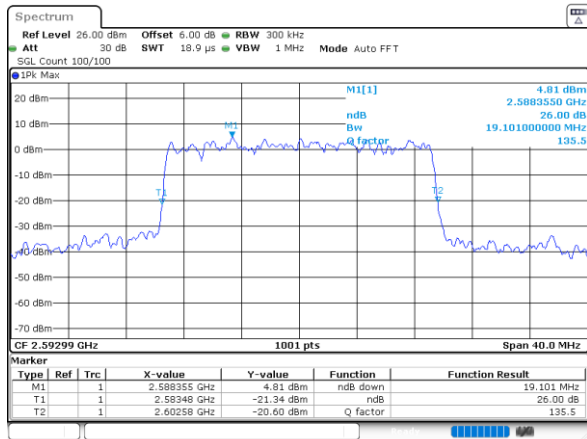
## QPSK



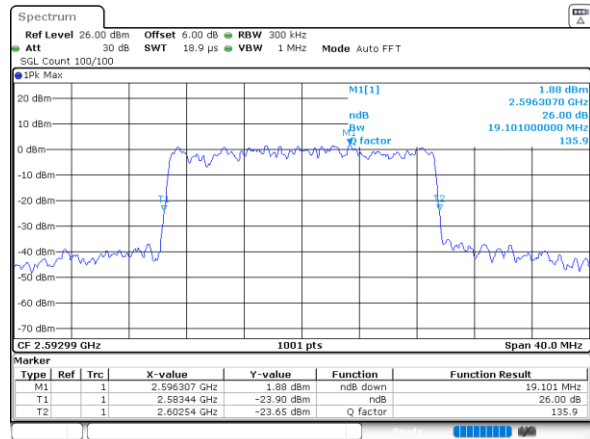
## 16QAM



## 64QAM



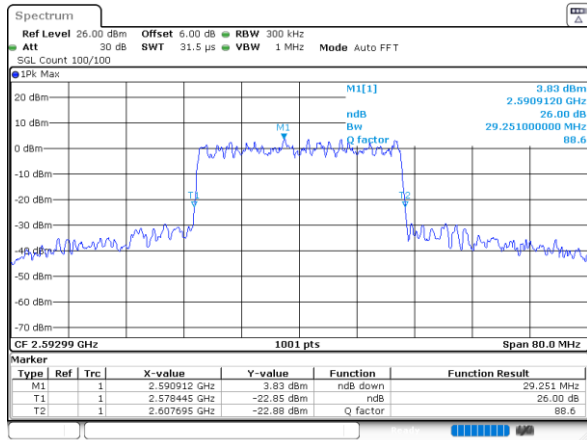
## 256QAM



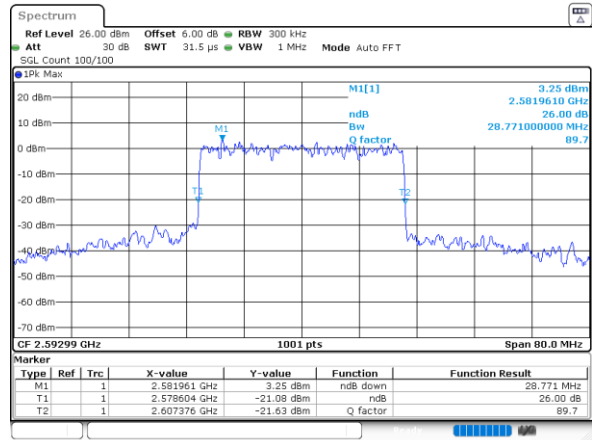


## 30MHz CP-OFDM

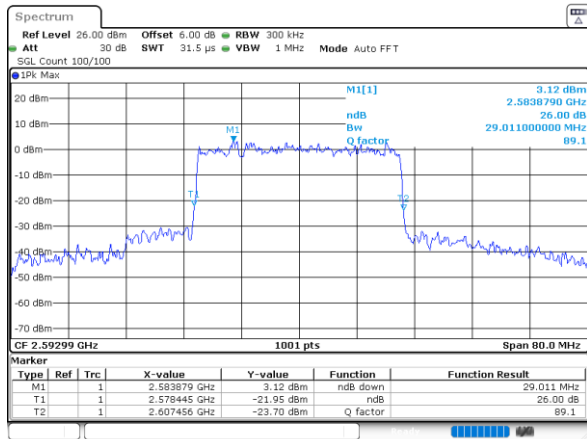
## QPSK



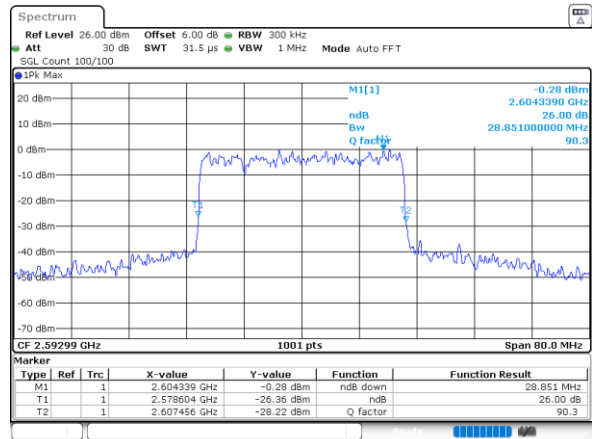
## 16QAM



## 64QAM



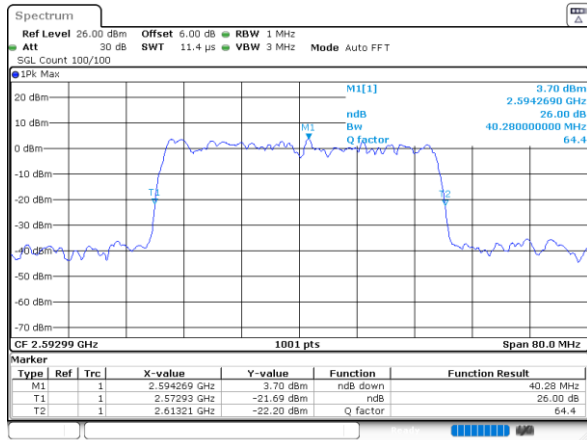
## 256QAM



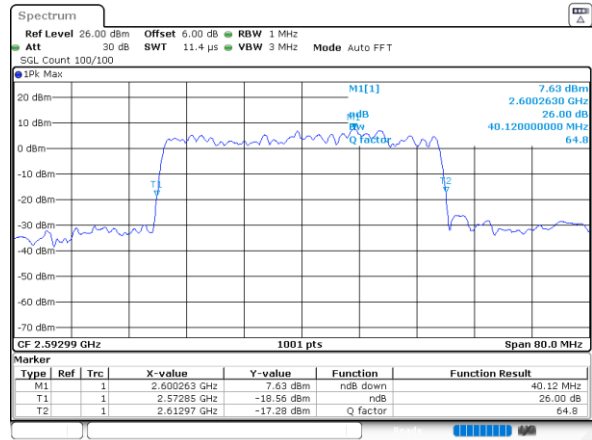


## 40MHz CP-OFDM

## QPSK



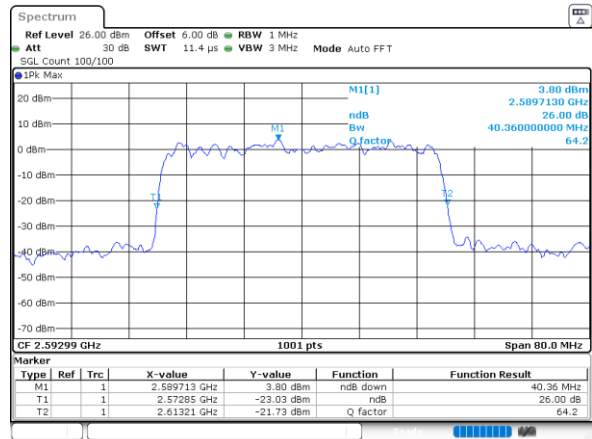
## 16QAM



## 64QAM



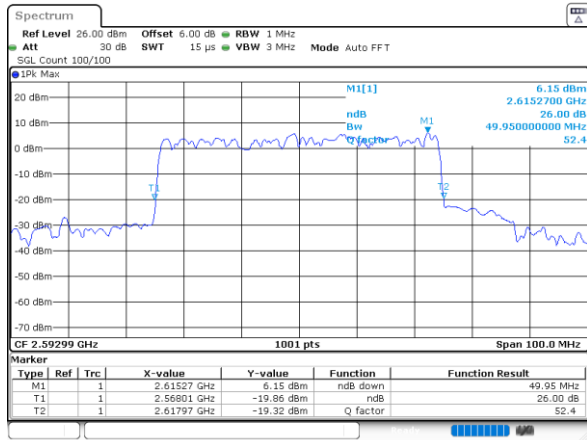
## 256QAM



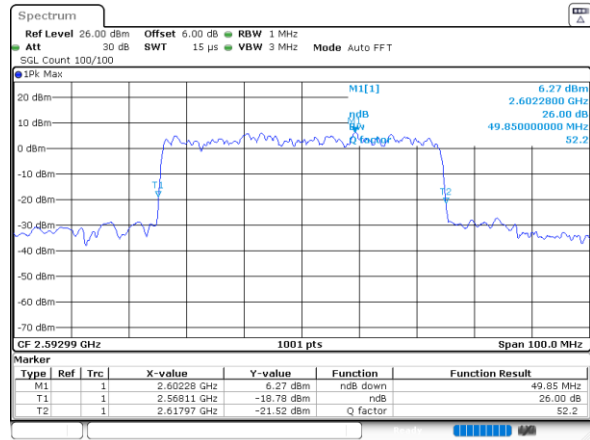


## 50MHz CP-OFDM

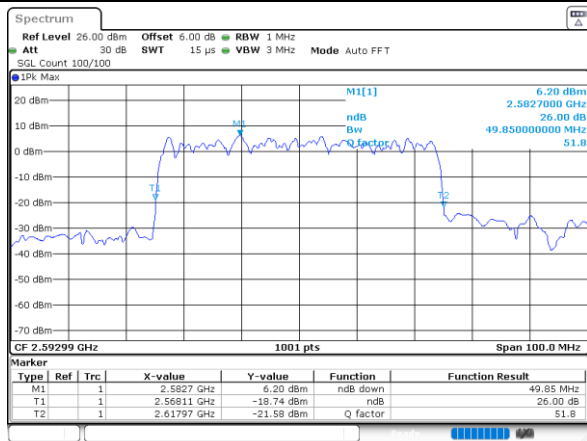
## QPSK



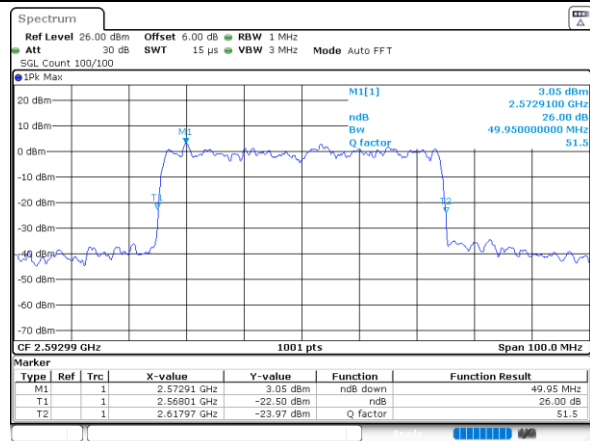
## 16QAM



## 64QAM



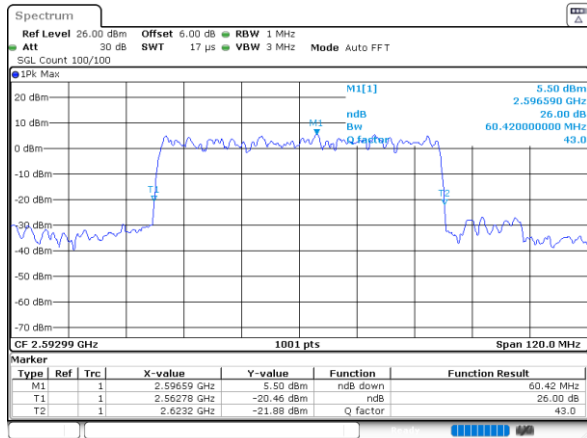
## 256QAM



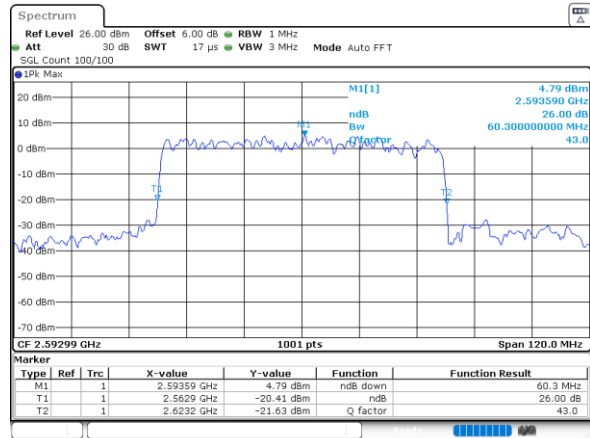


## 60MHz CP-OFDM

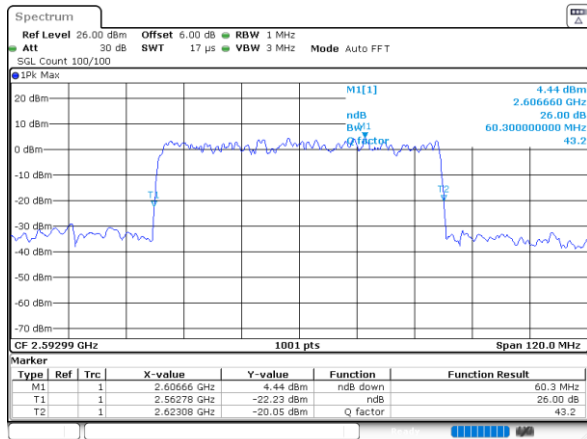
## QPSK



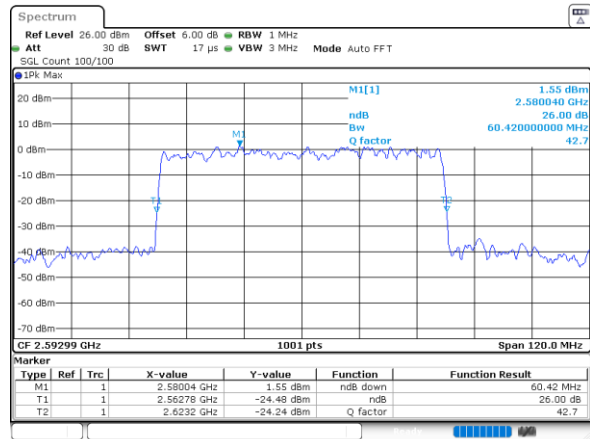
## 16QAM



## 64QAM



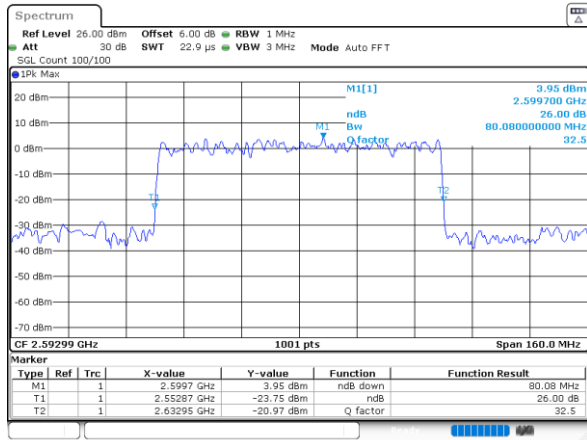
## 256QAM



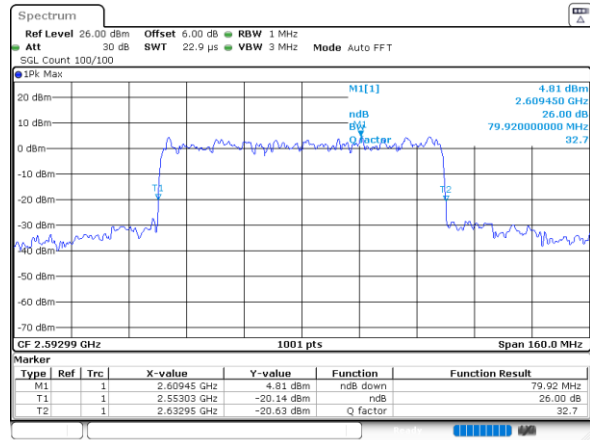


## 80MHz CP-OFDM

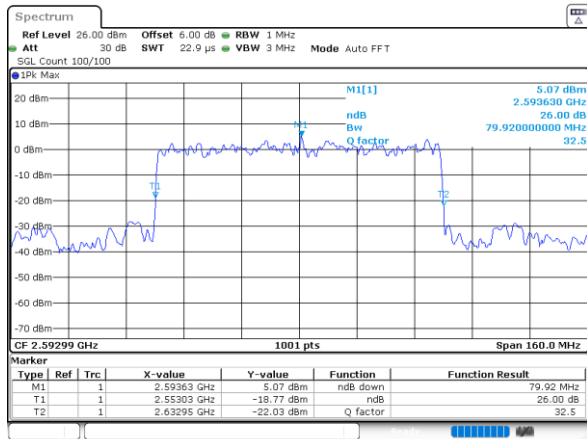
## QPSK



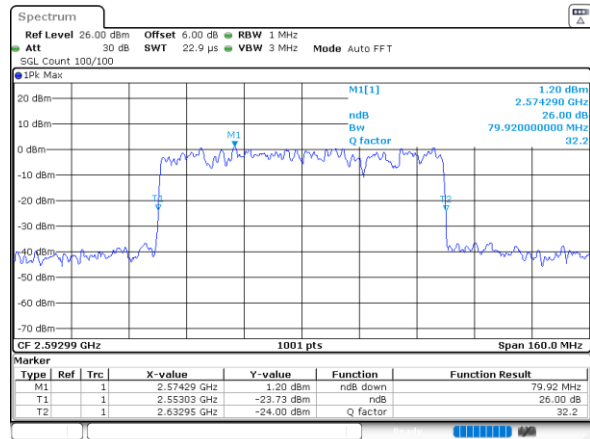
## 16QAM



## 64QAM



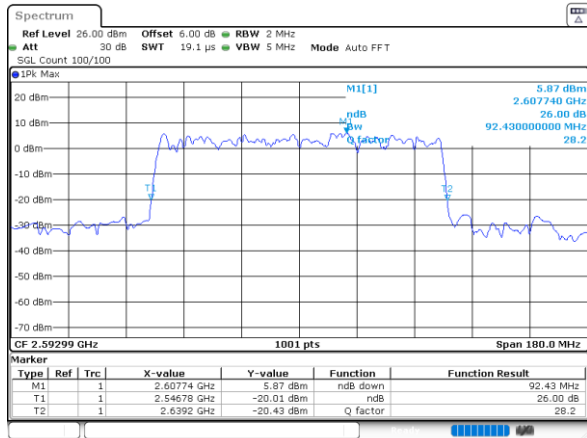
## 256QAM



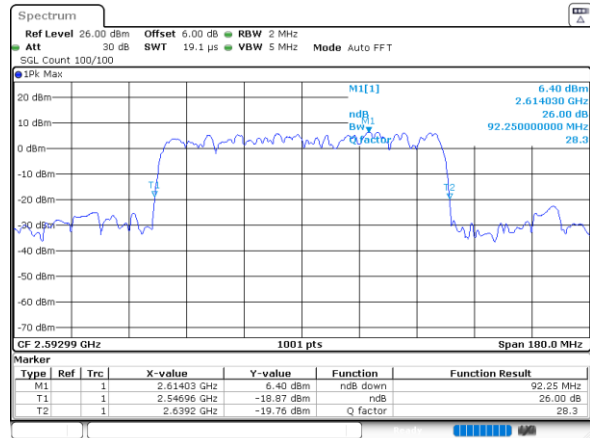


## 90MHz CP-OFDM

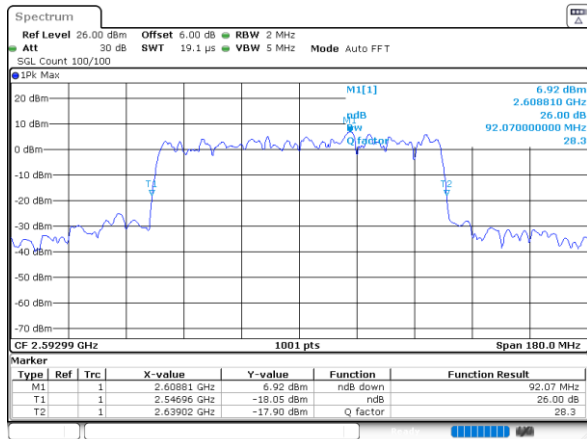
## QPSK



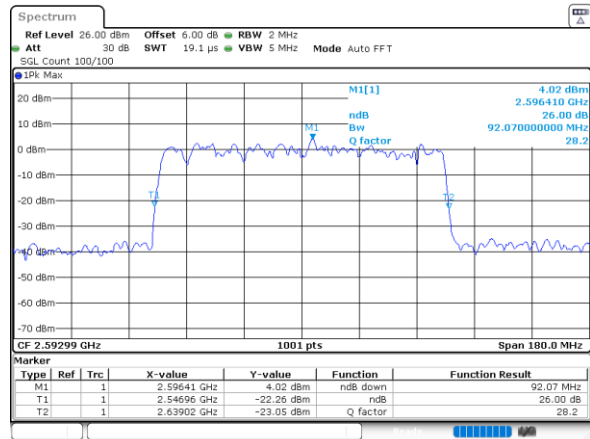
## 16QAM



## 64QAM



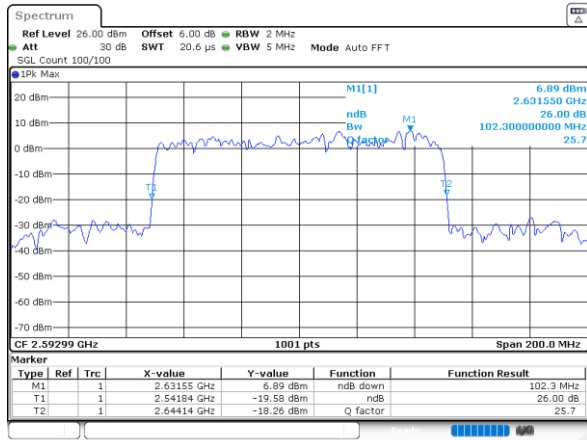
## 256QAM



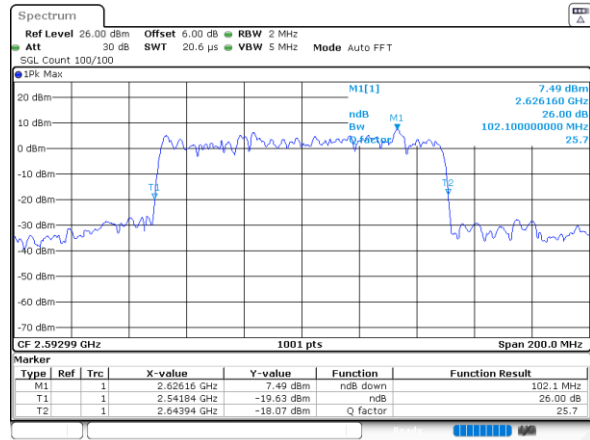


## 100MHz CP-OFDM

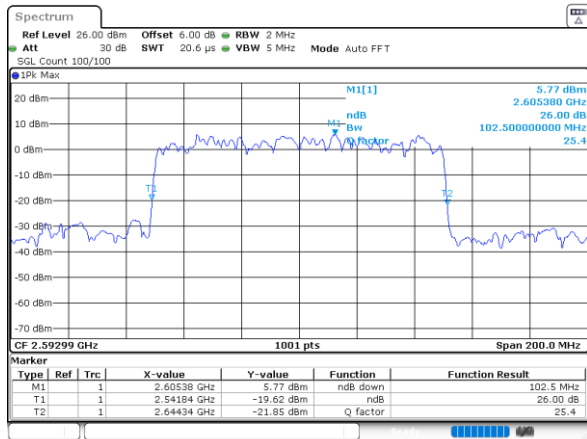
## QPSK



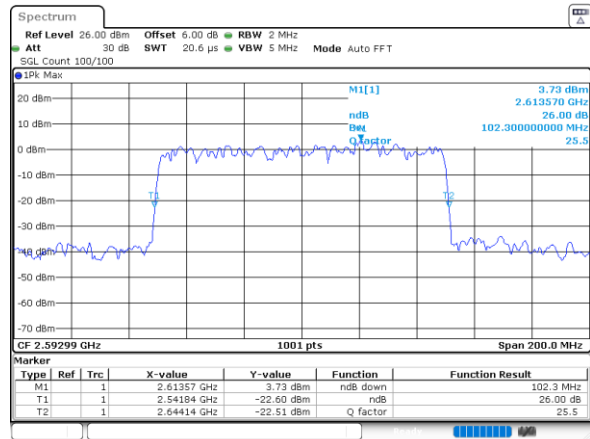
## 16QAM



## 64QAM



## 256QAM





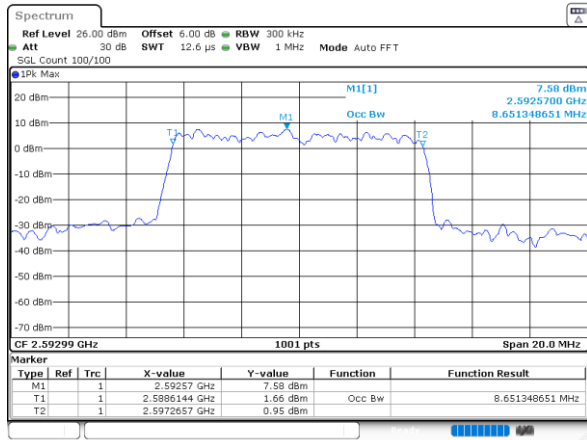
## Occupied Bandwidth

|           |                                   |       |       |        |
|-----------|-----------------------------------|-------|-------|--------|
| Mode      | FR1 n41 : OB BW(10 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 8.65                              | 8.69  | 8.79  | 8.73   |
| Mode      | FR1 n41 : OB BW(15 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 13.58                             | 13.58 | 13.64 | 13.61  |
| Mode      | FR1 n41 : OB BW(20 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 18.26                             | 18.22 | 18.22 | 18.22  |
| Mode      | FR1 n41 : OB BW(30 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 27.73                             | 27.81 | 27.89 | 27.81  |
| Mode      | FR1 n41 : OB BW(40 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 37.96                             | 38.04 | 38.04 | 37.64  |
| Mode      | FR1 n41 : OB BW(50 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 47.65                             | 47.75 | 47.45 | 47.55  |
| Mode      | FR1 n41 : OB BW(60 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 58.14                             | 57.78 | 57.78 | 57.78  |
| Mode      | FR1 n41 : OB BW(80 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 77.52                             | 77.20 | 77.52 | 77.20  |
| Mode      | FR1 n41 : OB BW(90 MHz) /CP OFDM  |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 87.75                             | 87.39 | 87.39 | 87.39  |
| Mode      | FR1 n41 : OB BW(100 MHz) /CP OFDM |       |       |        |
| BW        | CP                                |       |       |        |
| Mod.      | QPSK                              | 16QAM | 64QAM | 256QAM |
| Middle CH | 97.30                             | 97.70 | 98.10 | 98.10  |

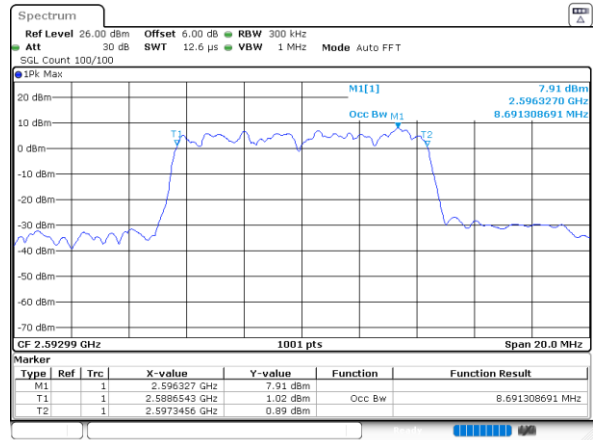


## 10MHz CP-OFDM

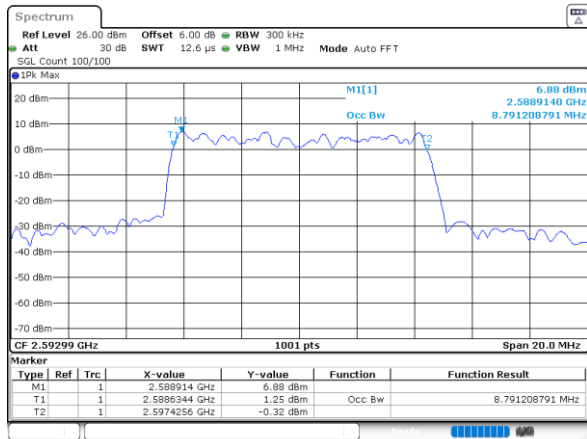
## QPSK



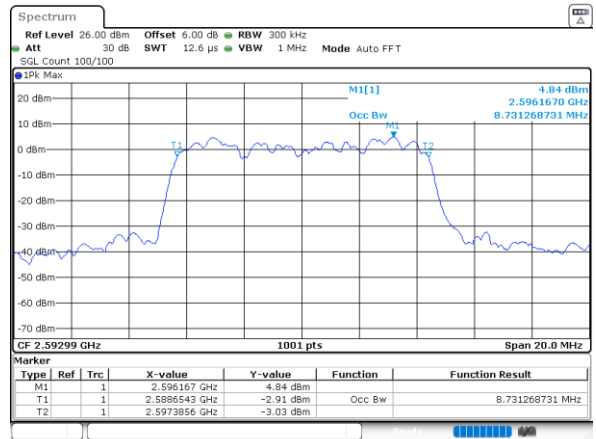
## 16QAM



## 64QAM



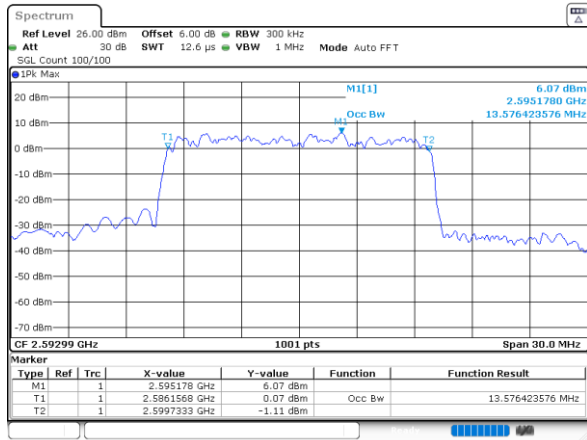
## 256QAM



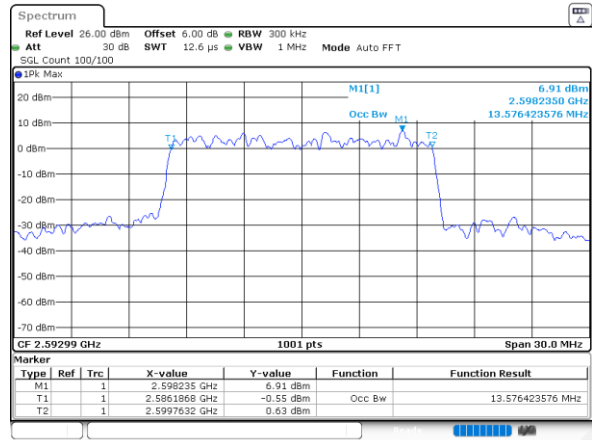


## 15MHz CP-OFDM

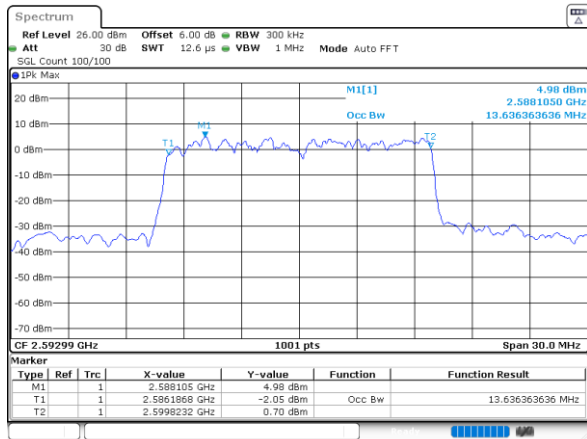
## QPSK



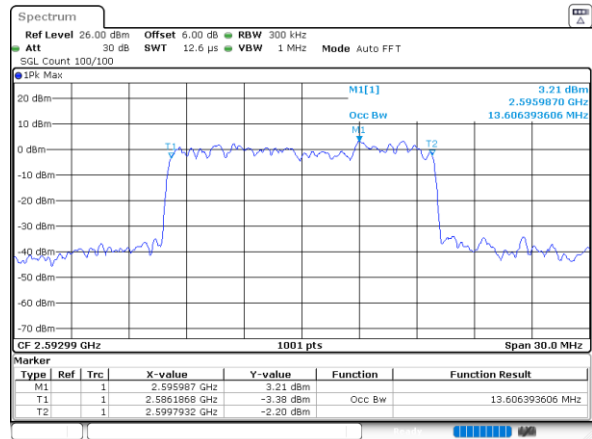
## 16QAM



## 64QAM



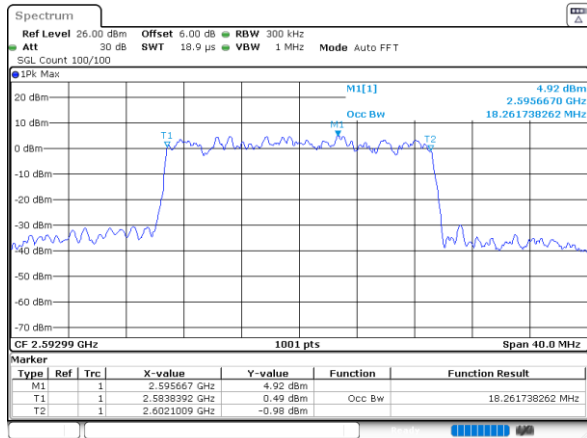
## 256QAM



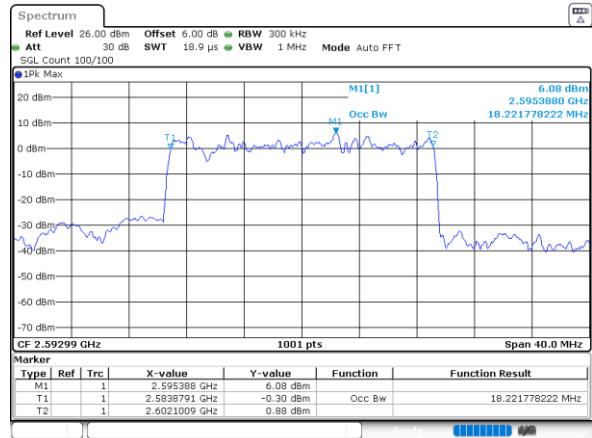


## 20MHz CP-OFDM

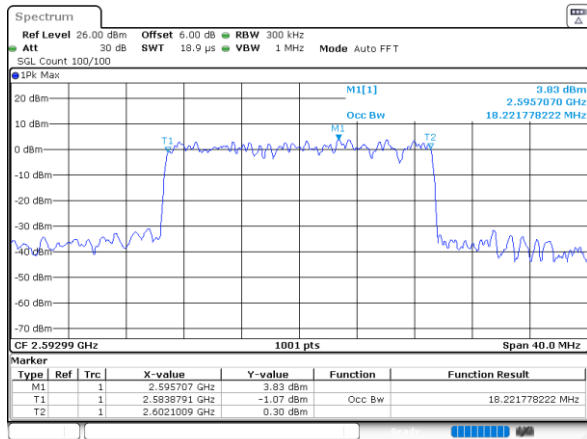
## QPSK



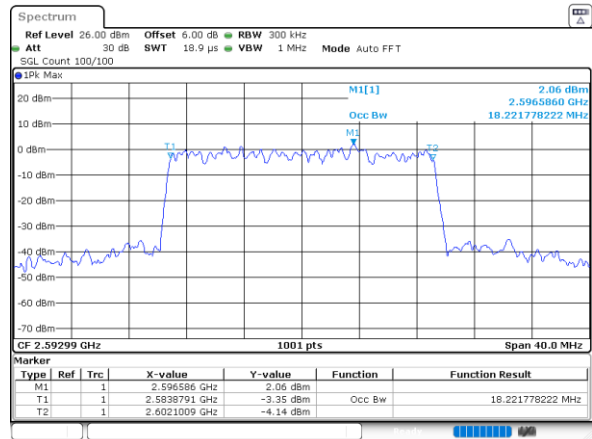
## 16QAM



## 64QAM



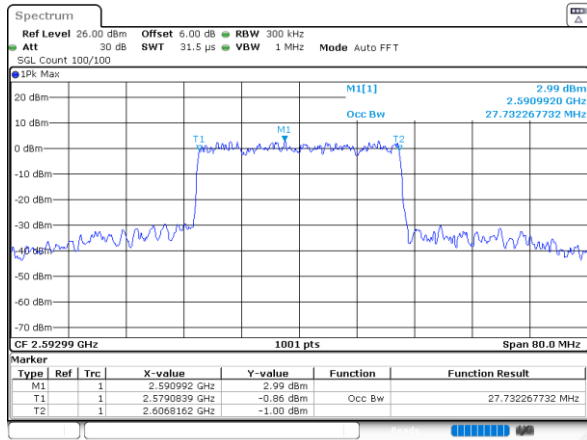
## 256QAM



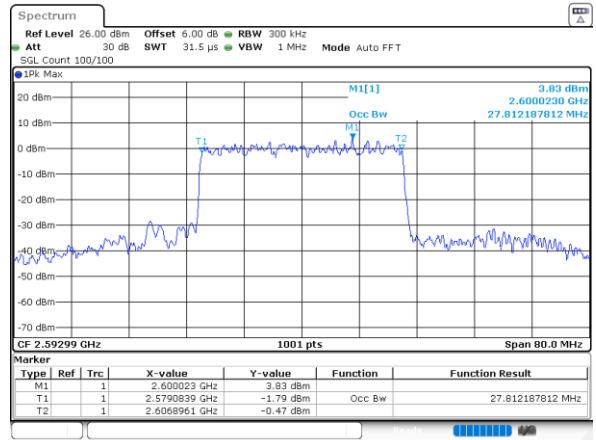


## 30MHz CP-OFDM

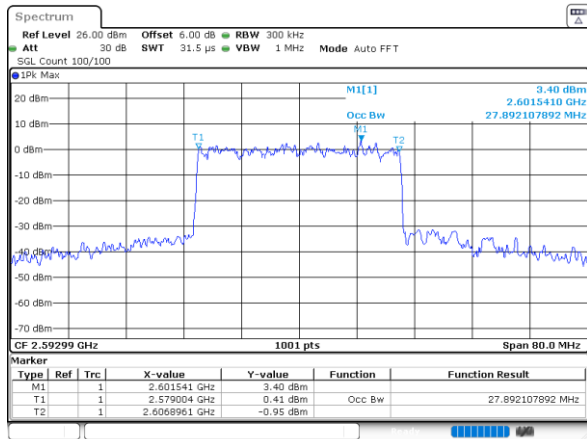
## QPSK



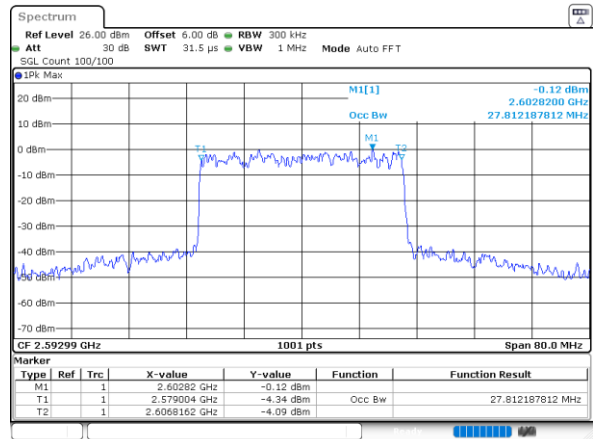
## 16QAM



## 64QAM



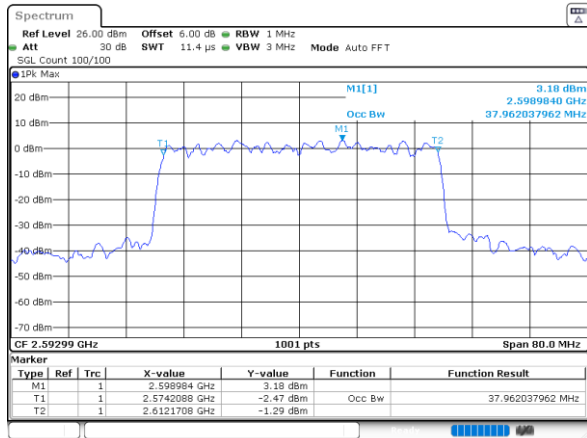
## 256QAM



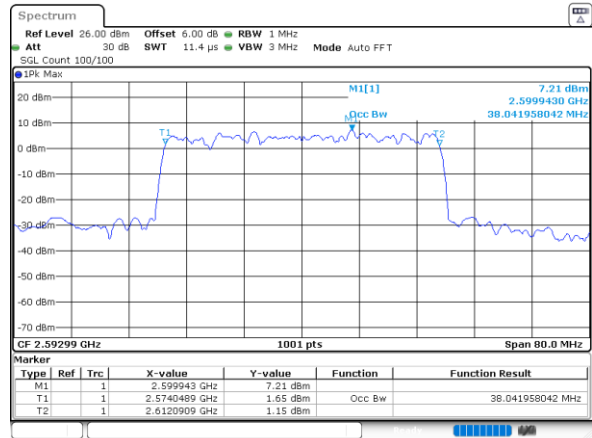


## 40MHz CP-OFDM

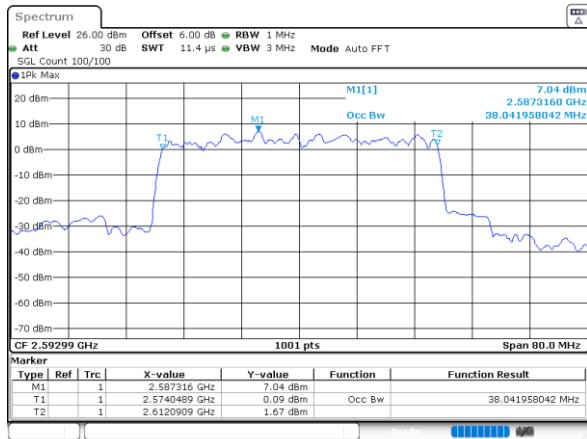
## QPSK



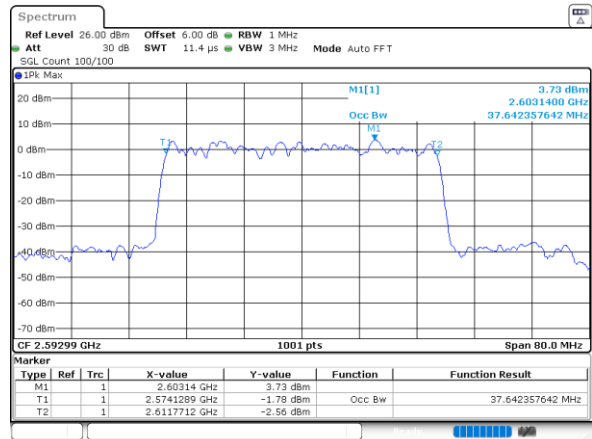
## 16QAM



## 64QAM



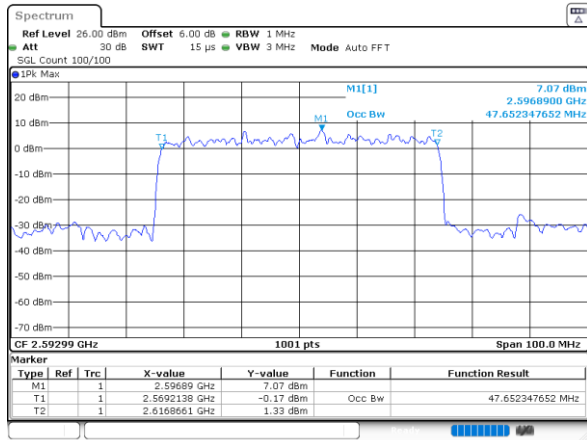
## 256QAM



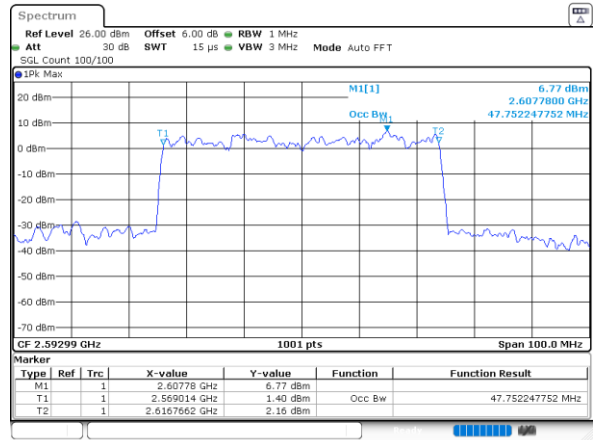


## 50MHz CP-OFDM

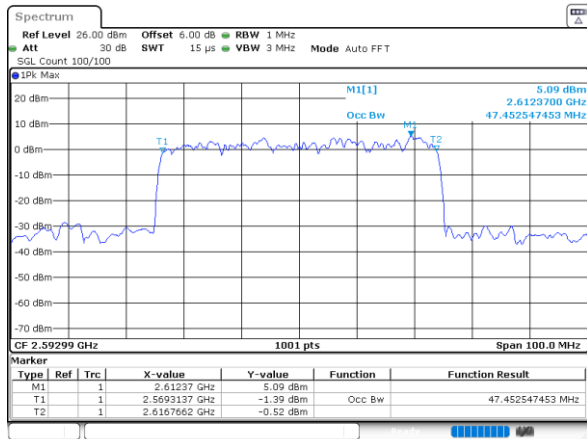
## QPSK



## 16QAM



## 64QAM



## 256QAM

