



MultiView Spectrum

Ref Level 30.00 dBm Offset 7.80 dB RBW 1 MHz

Att 30 dB SWF 10.1 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

10% View

M1[1] 4.65 dBm 1.729 518.00 GHz 30.942.00 MHz

D2[1] -0.35 dBm 30.942.00 MHz

H1 21.818 dBm

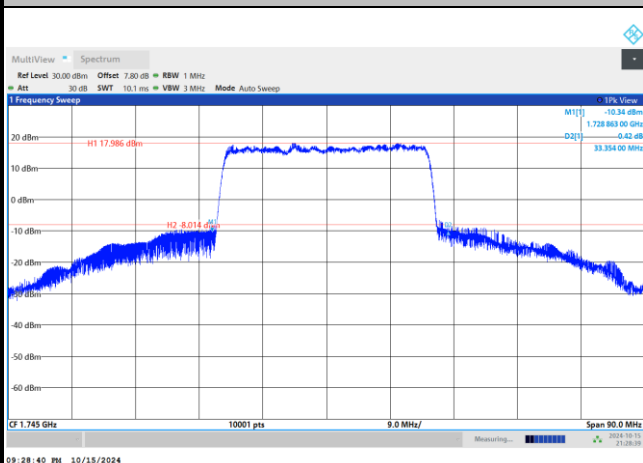
H2 -4.182 dBm

CF 1.745 GHz 10001 pts 9.0 MHz/ Span 90.0 MHz

Measuring...

08:55:16 PM 09/27/2024

QPSK



MultiView Spectrum

Ref Level 30.00 dBm Offset 7.80 dB BW 1 MHz

Att 30 dB SWF 10.1 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

M1 18.903 dBm

M2 -7.097 dBm

D2 -0.67 dBm

CF 1.745 GHz 10001 pts 9.0 MHz/ Span 90.0 MHz

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MultiView Spectrum

Ref Level 30.00 dBm Offset 7.80 dB RBW 1 MHz

Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep

1 Frequency Sweep

10% View

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

-60 dBm

H1 17.766 dBm

H2 -8.234 dBm

M1 8.28 dBm

D2 -0.86 dBm

1.729 538.00 GHz

30.000 00 MHz

CF 1.745 GHz

10001 pts

9.0 MHz/

Span 90.0 MHz

Measuring...

2024-10-15 21:37:35

09:27:27 PM 10/15/2024

MultiView Spectrum

Ref Level 30.00 dBm Offset 7.80 dB RBW 1 MHz

Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

13.628 dBm

-12.372 dBm

1.729 GHz

91.086 MHz

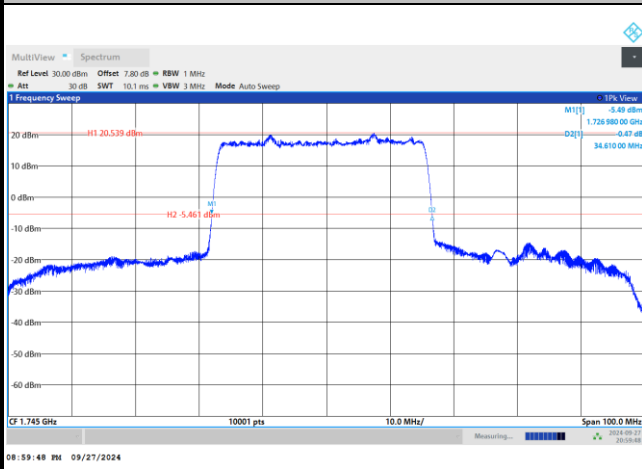
CF 1.745 GHz 10001 pts 9.0 MHz/ Span 90.0 MHz

09:26:54 PM 10/15/2024



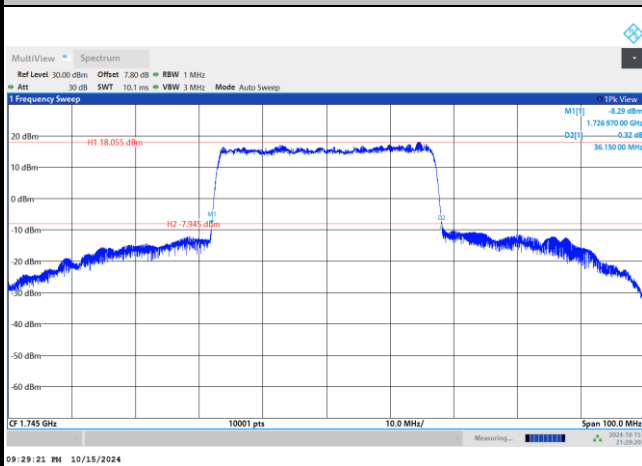
FR1 n66 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

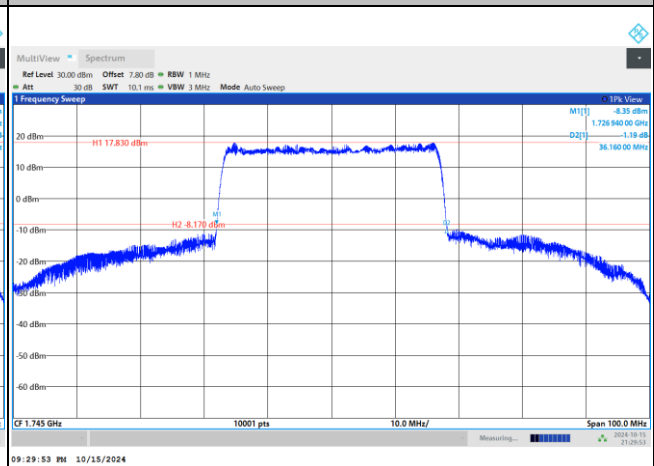


FR1 n66 / 35MHz / CP OFDM / Middle Channel / Full RB

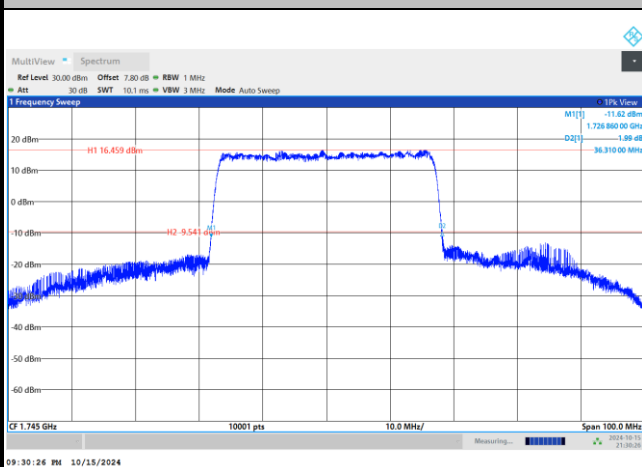
QPSK



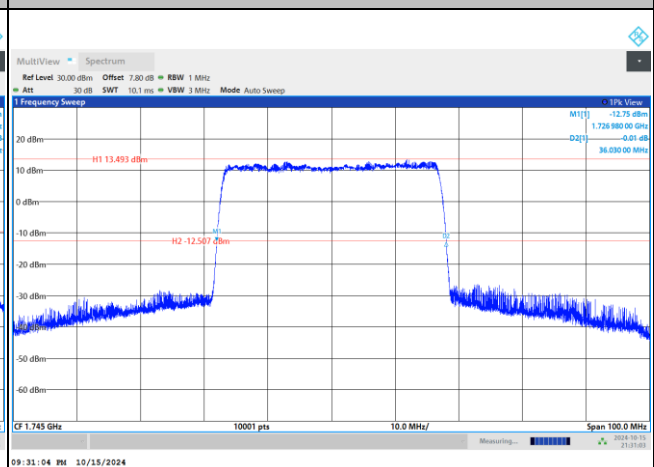
16QAM



64QAM



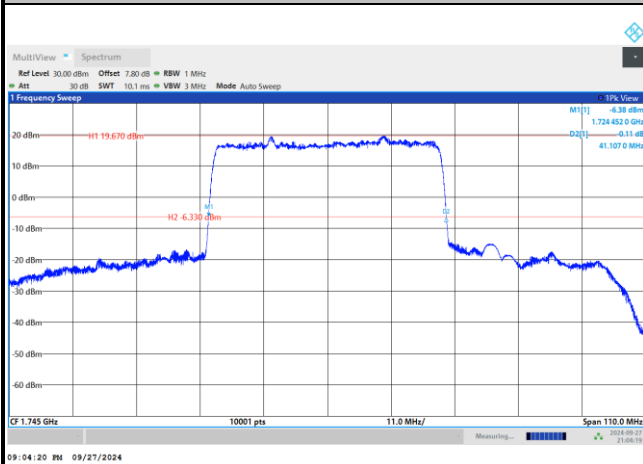
256QAM





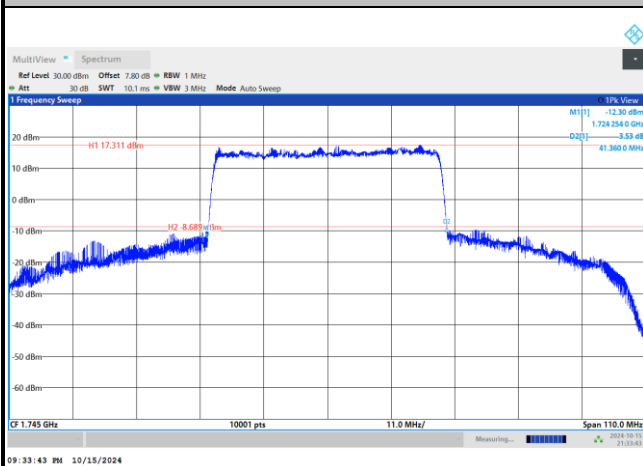
FR1 n66 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

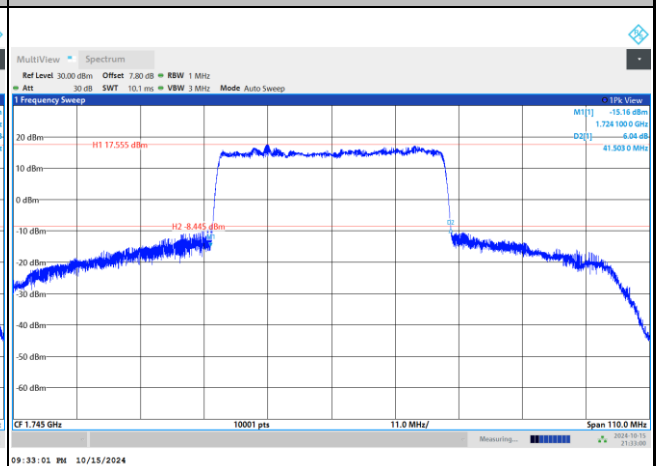


FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

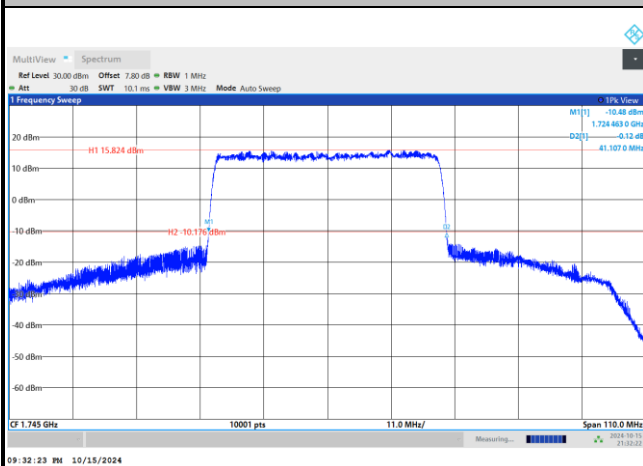
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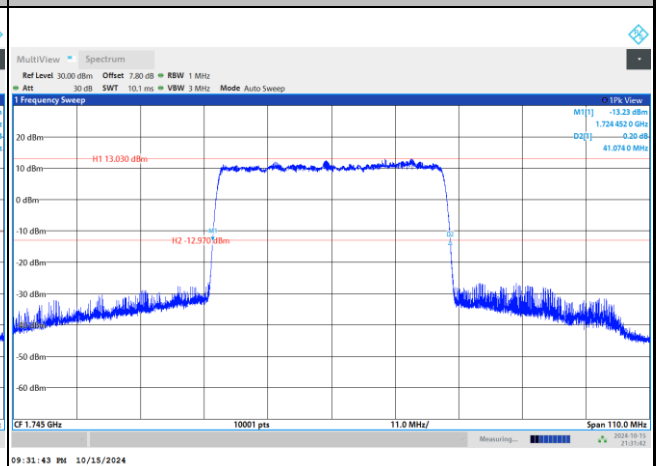
16QAM



64QAM



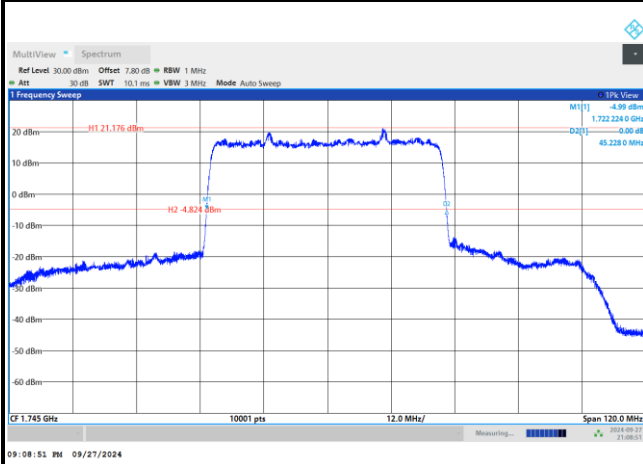
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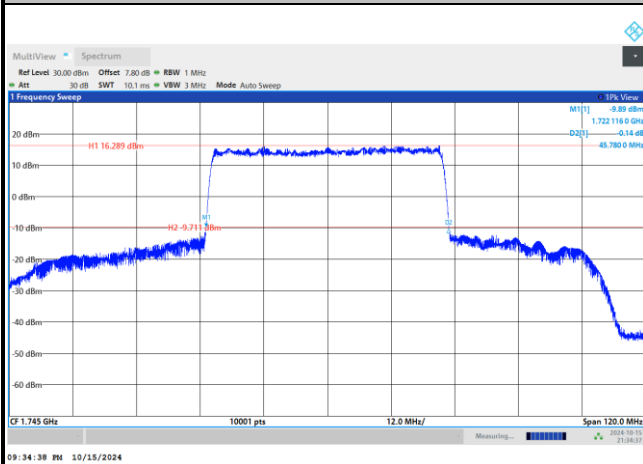
FR1 n66 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

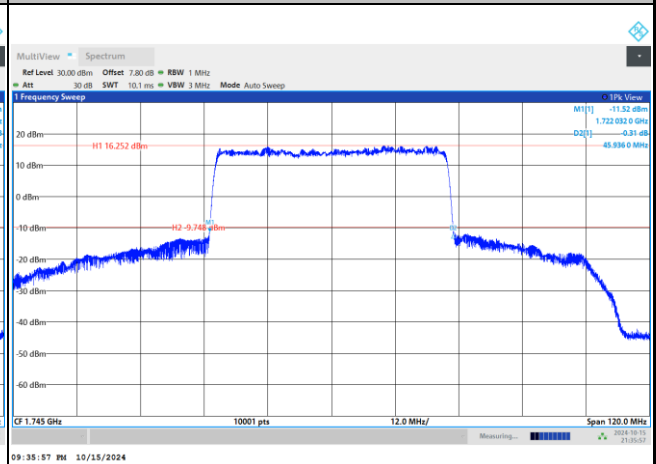


FR1 n66 / 45MHz / CP OFDM / Middle Channel / Full RB

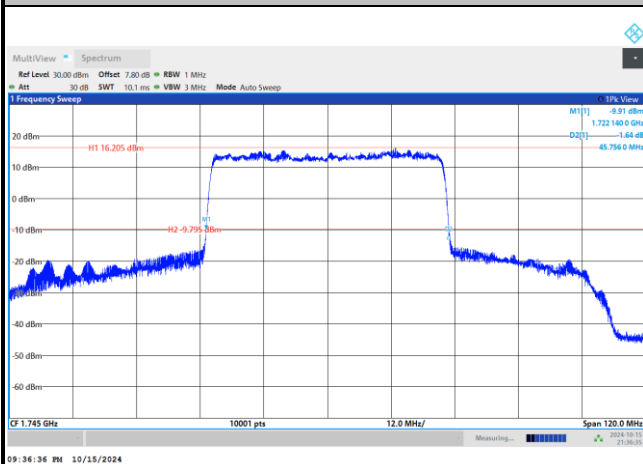
QPSK



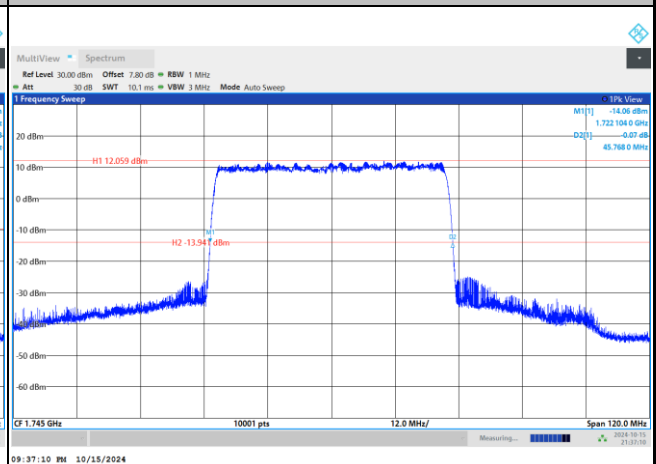
16QAM



64QAM



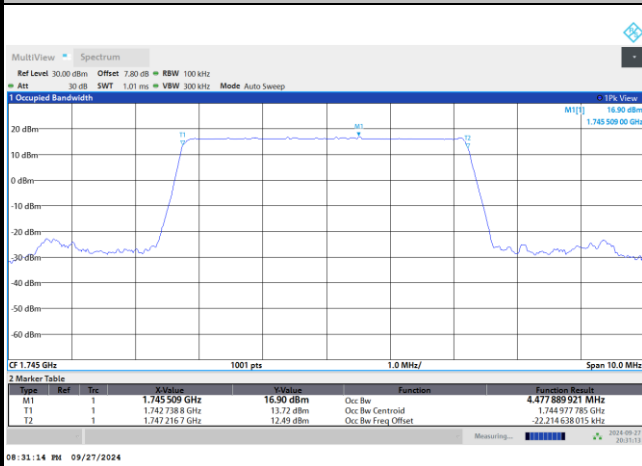
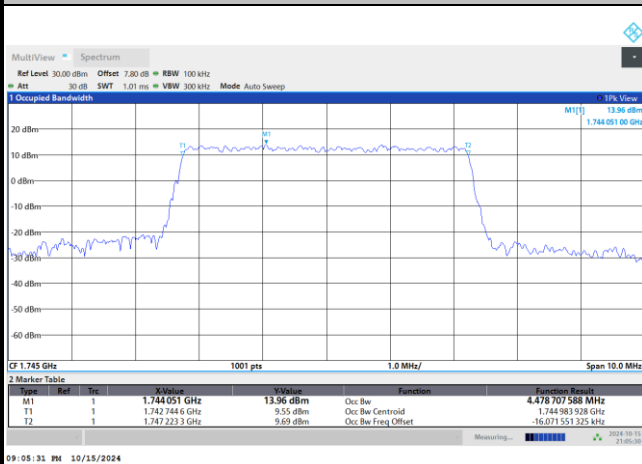
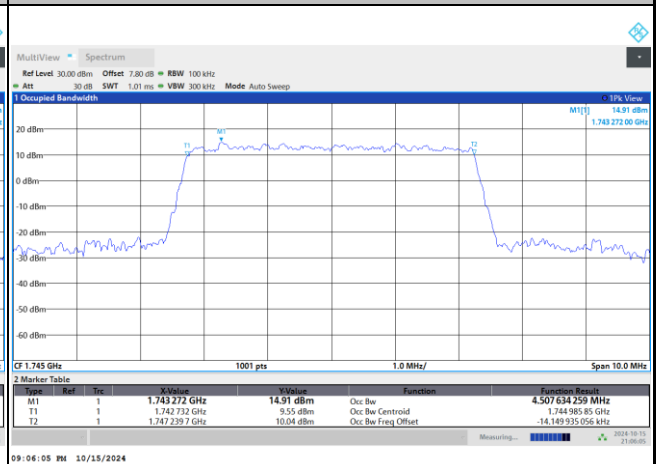
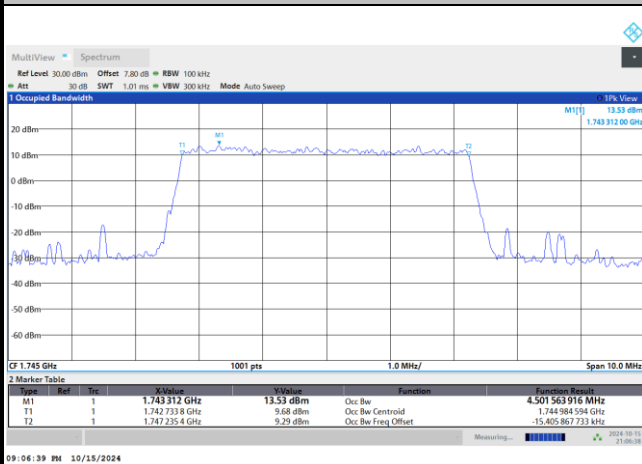
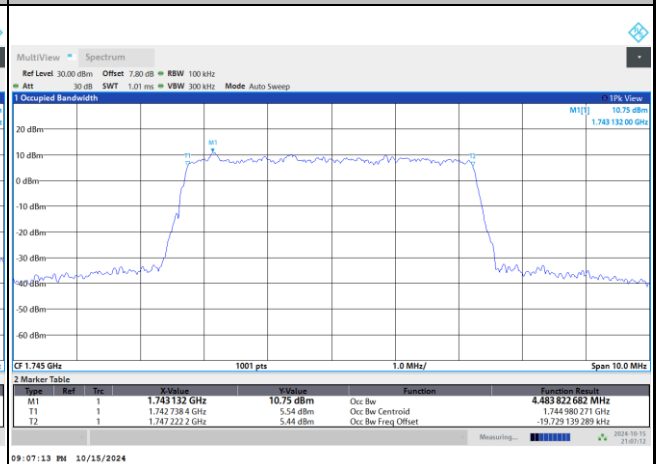
256QAM



**Occupied Bandwidth**

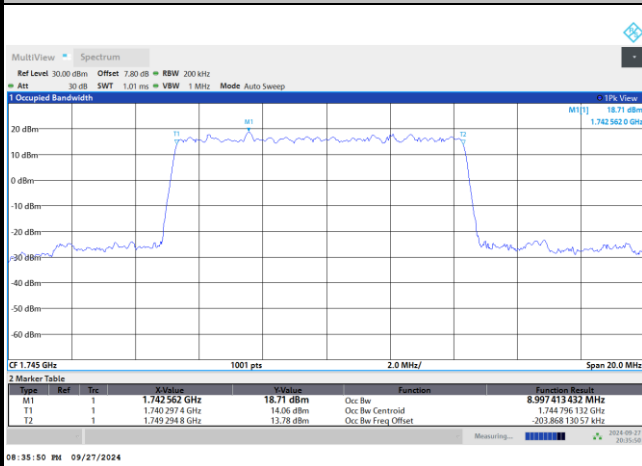
Mode	FR1 n66 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.47		8.99		13.44		18.02	
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	22.96		28.91		32.47		38.87	
BW	45MHz							
Mod.	PI/2 BPSK							
Middle CH	42.90							

Mode	FR1 n66 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.47	4.50	9.30	9.31	14.20	14.14	19.02	19.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.50	4.48	9.30	9.30	14.20	14.12	19.08	18.98
BW	25MHz		30MHz		35MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	23.77	23.78	28.96	28.97	33.92	33.85	38.85	38.87
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	23.76	23.83	28.89	28.90	33.86	33.82	38.75	38.71
BW	45MHz							
Mod.	QPSK	16QAM						
Middle CH	43.37	43.41						
Mod.	64QAM	256QAM						
Middle CH	43.32	43.35						

FR1 n66 / 5MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n66 / 5MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


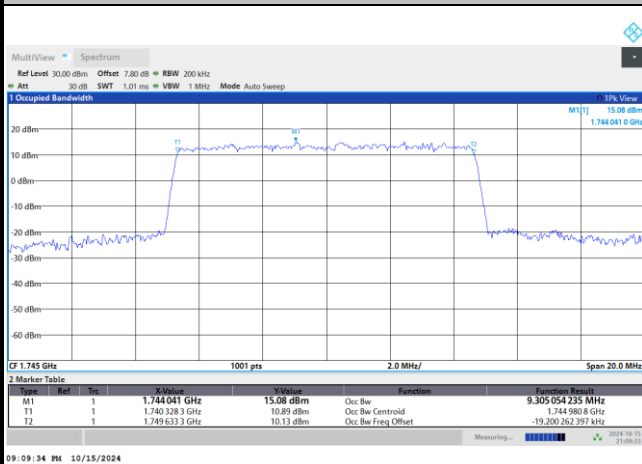
FR1 n66 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

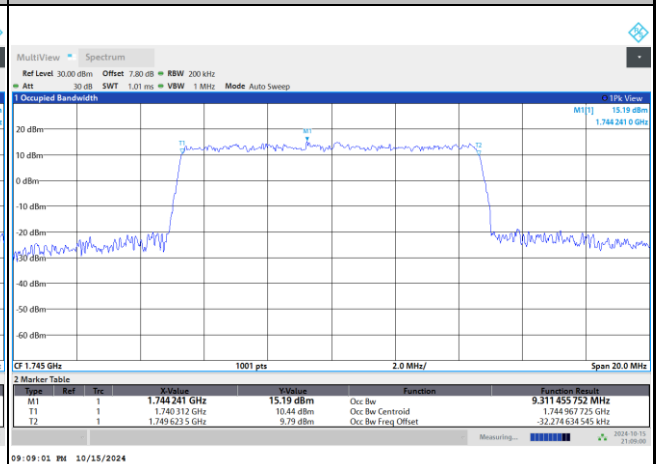


FR1 n66 / 10MHz / CP OFDM / Middle Channel / Full RB

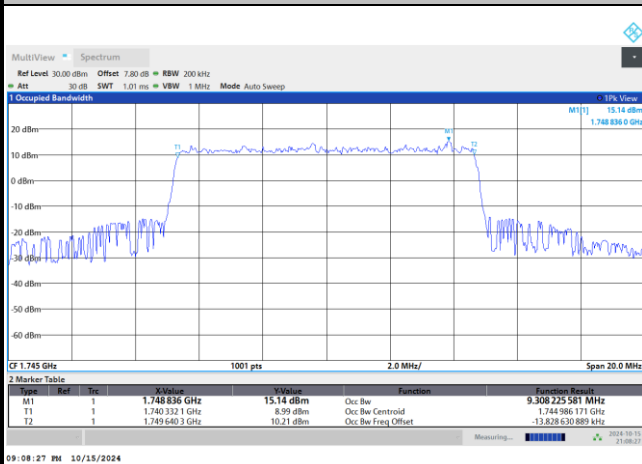
QPSK



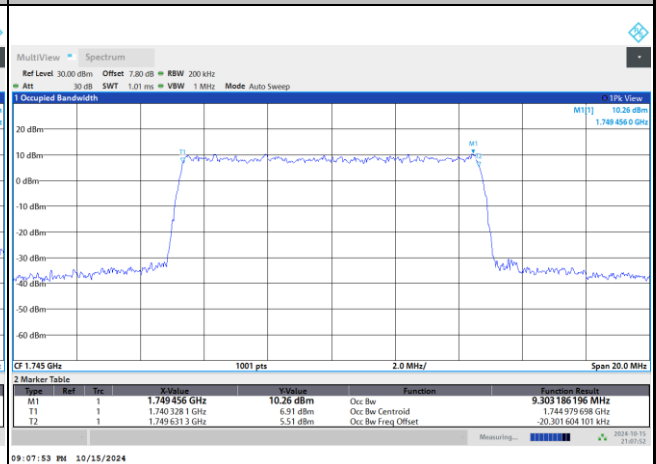
16QAM



64QAM



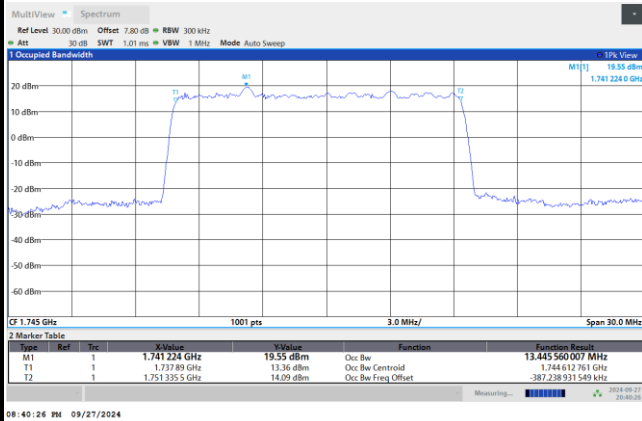
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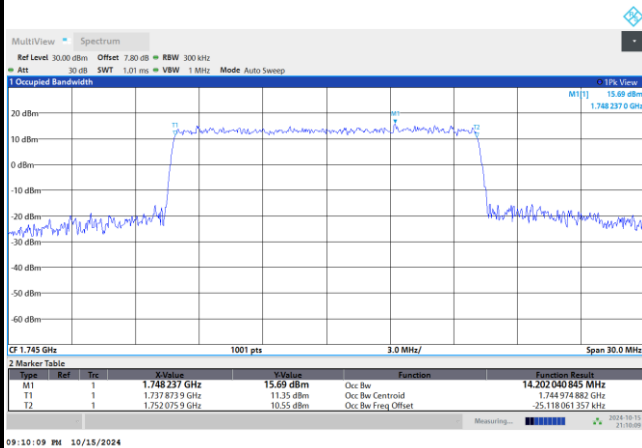
FR1 n66 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

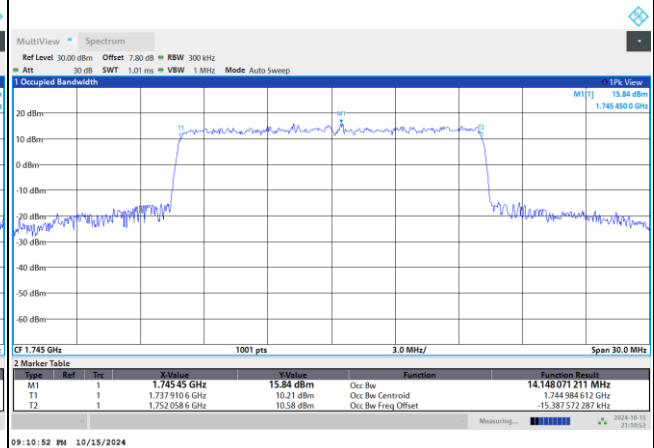


FR1 n66 / 15MHz / CP OFDM / Middle Channel / Full RB

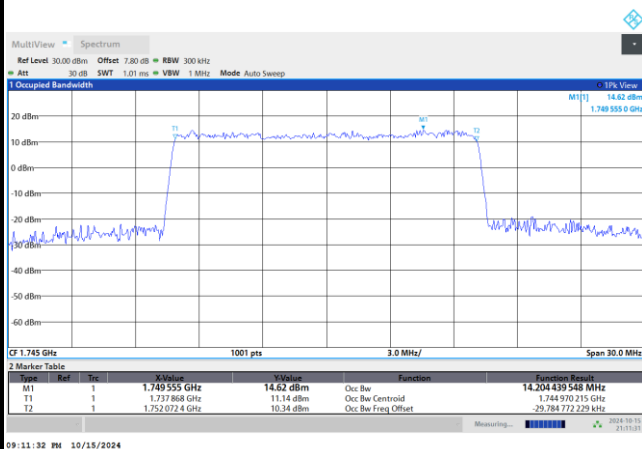
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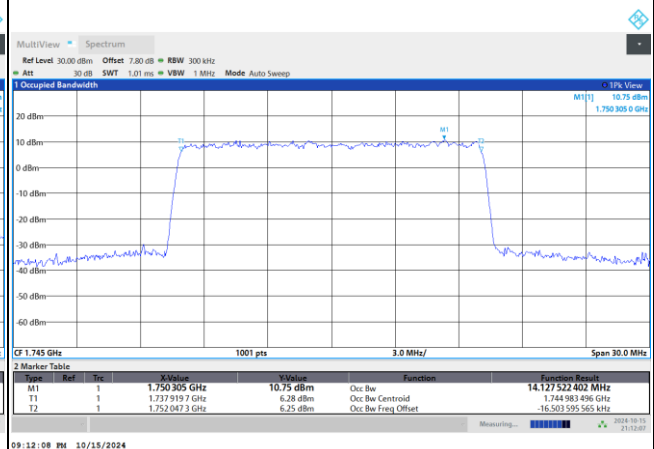
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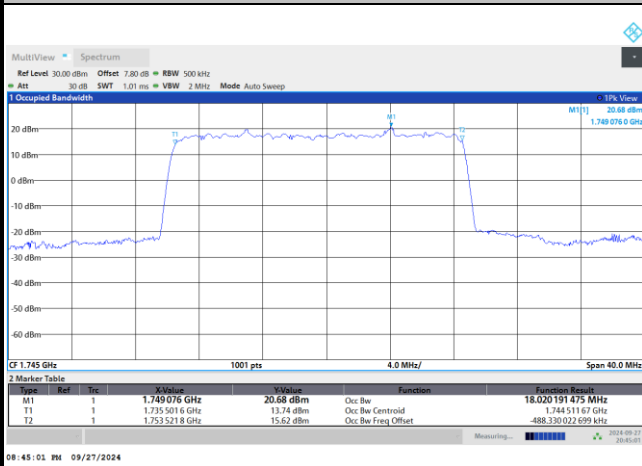
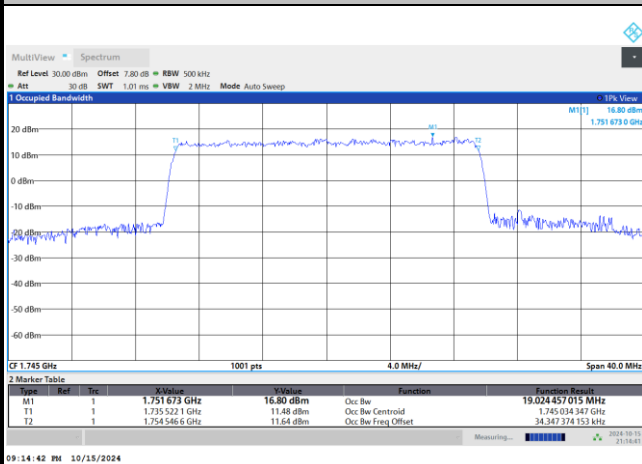
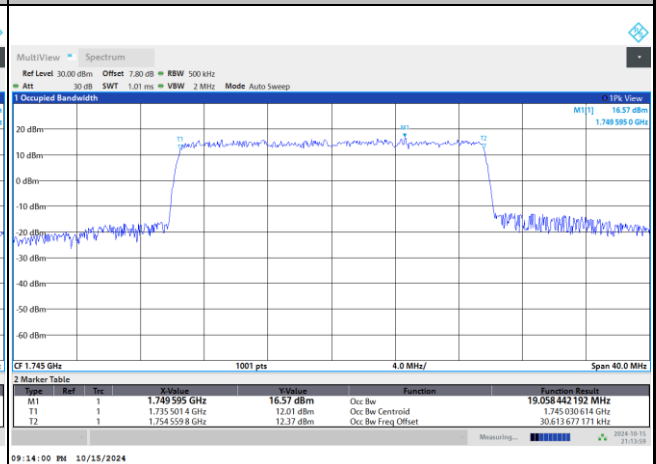
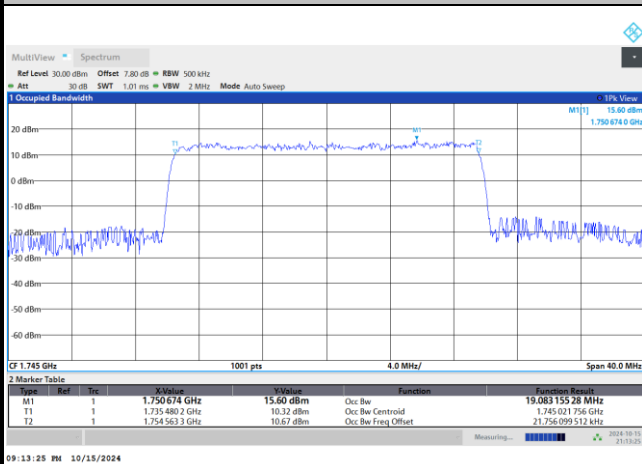
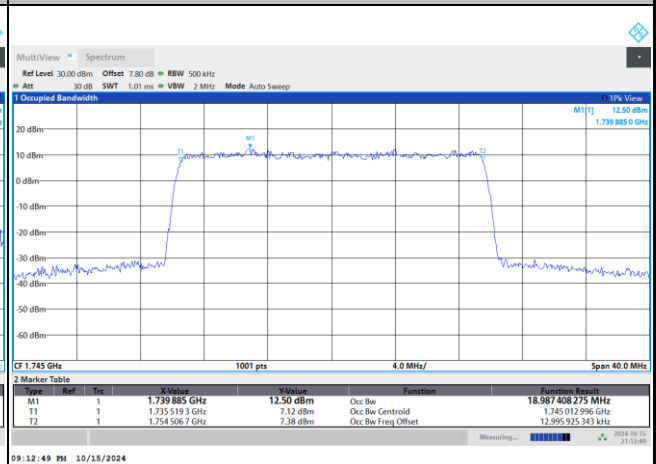


64QAM



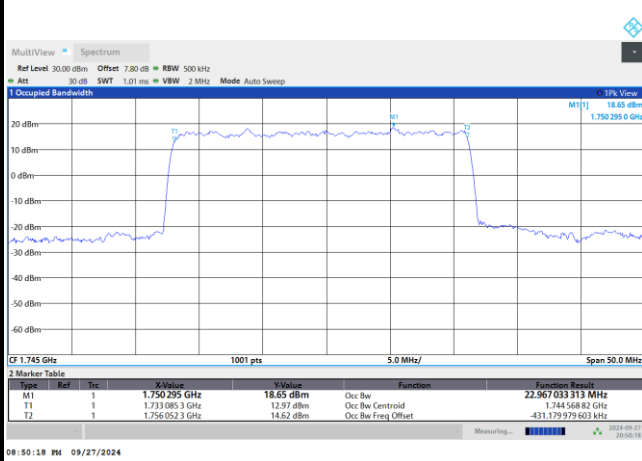
256QAM



FR1 n66 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n66 / 20MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


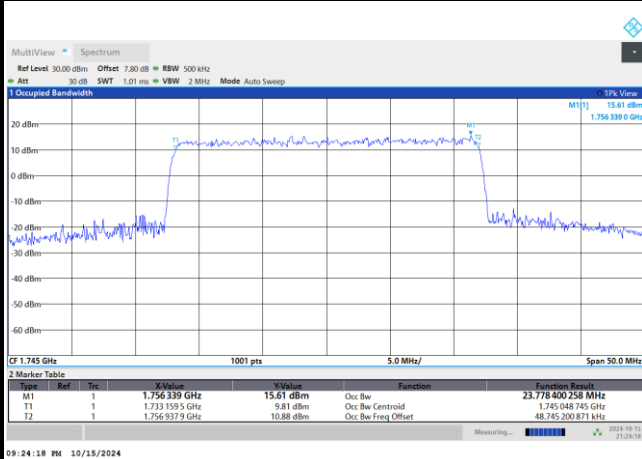
FR1 n66 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



FR1 n66 / 25MHz / CP OFDM / Middle Channel / Full RB

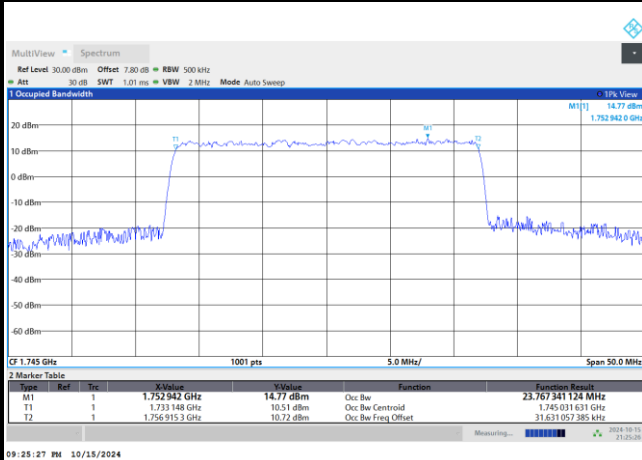
QPSK



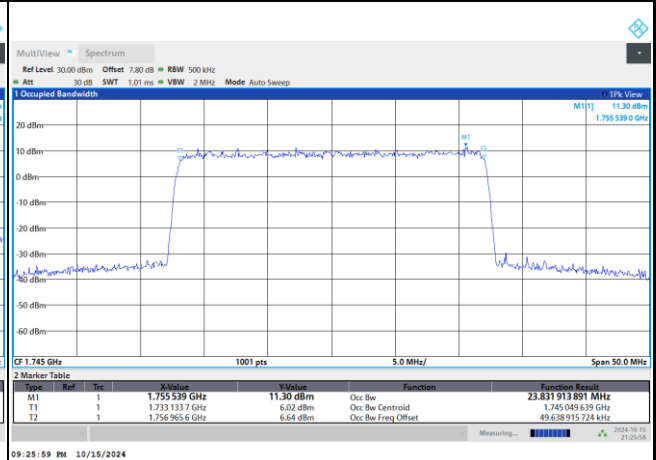
16QAM



64QAM

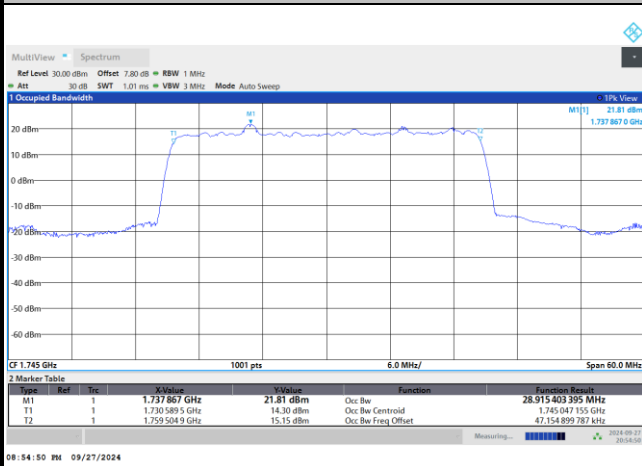


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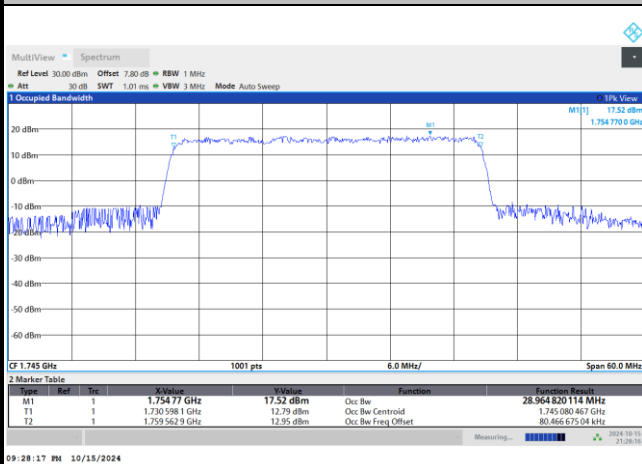
FR1 n66 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

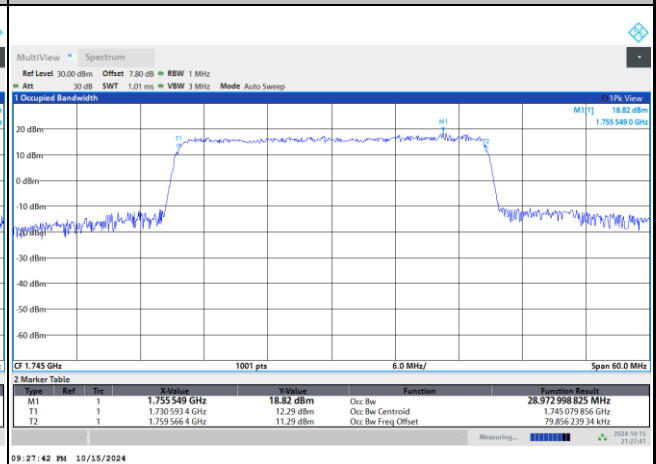


FR1 n66 / 30MHz / CP OFDM / Middle Channel / Full RB

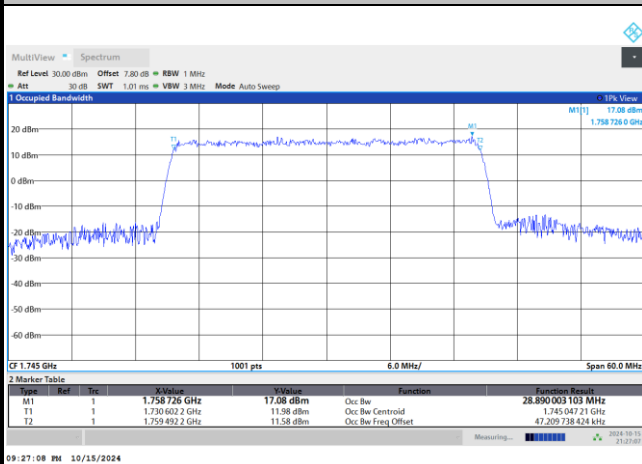
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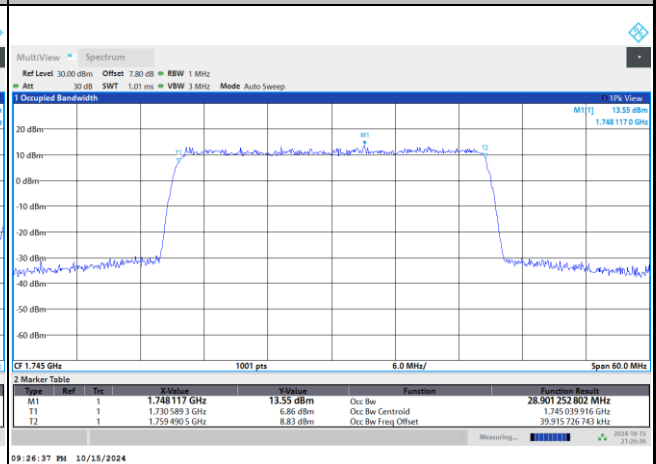
16QAM



64QAM

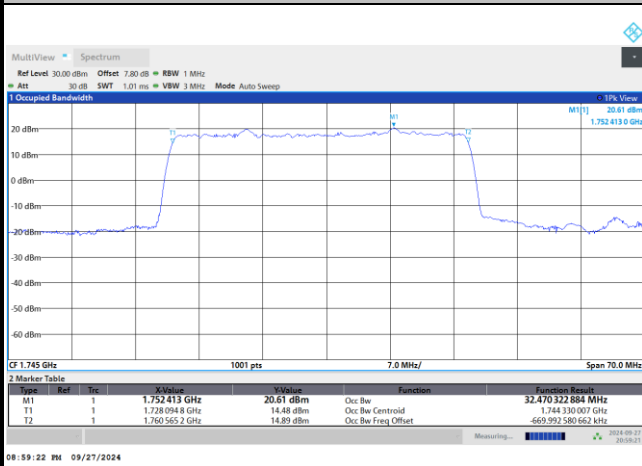


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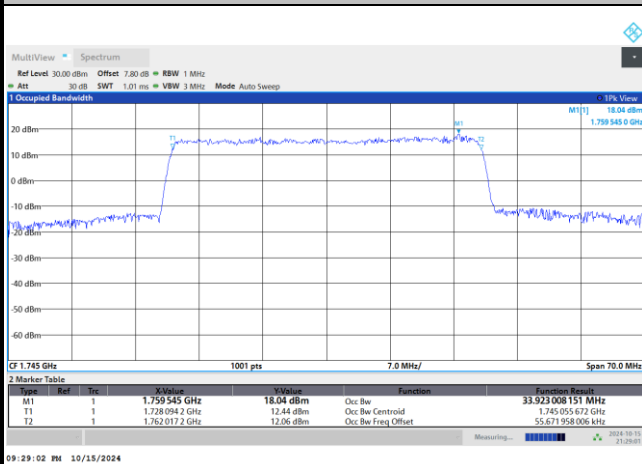
FR1 n66 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

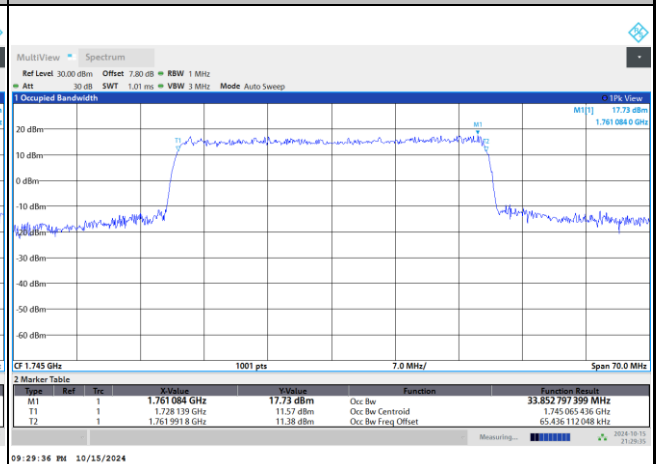


FR1 n66 / 35MHz / CP OFDM / Middle Channel / Full RB

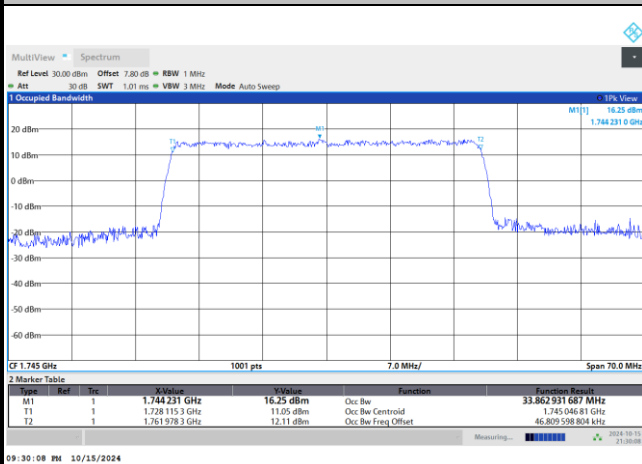
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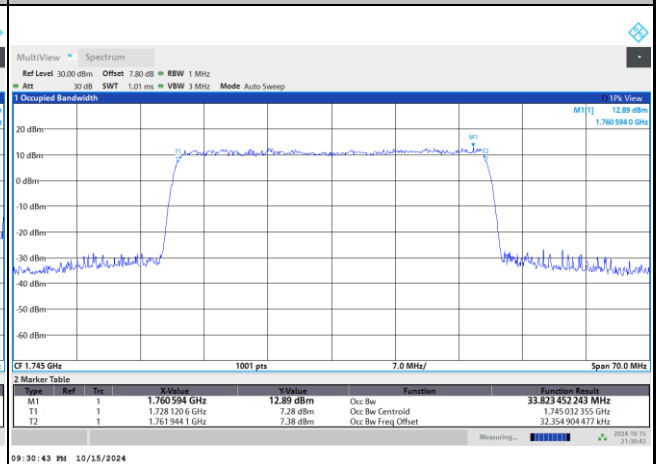
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64QAM

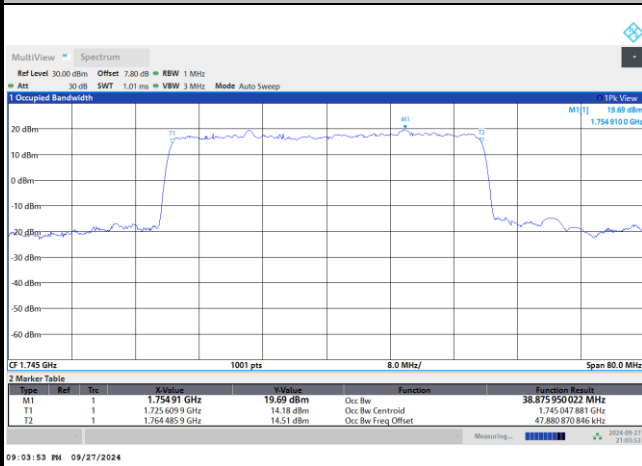


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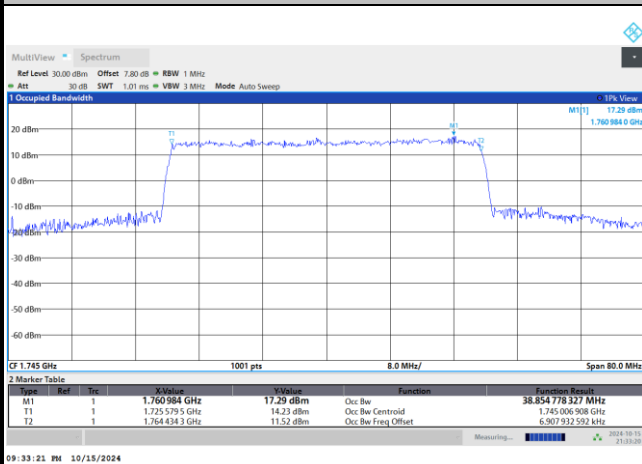
FR1 n66 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

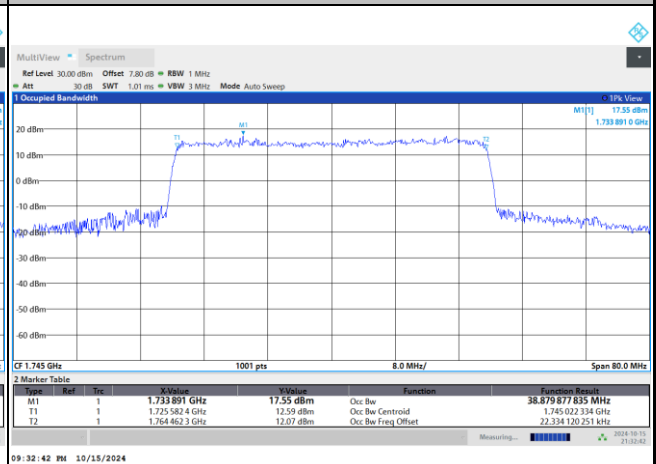


FR1 n66 / 40MHz / CP OFDM / Middle Channel / Full RB

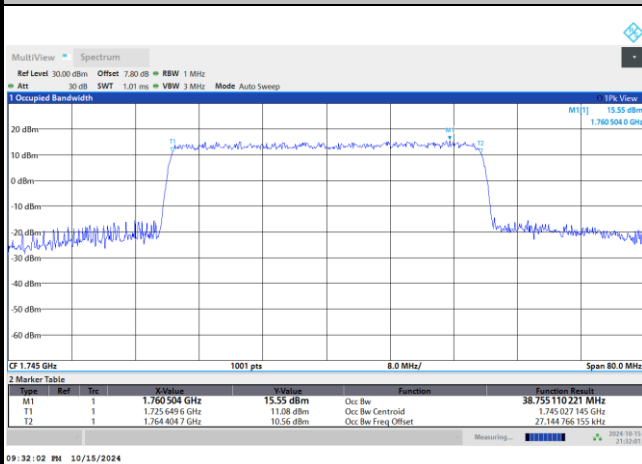
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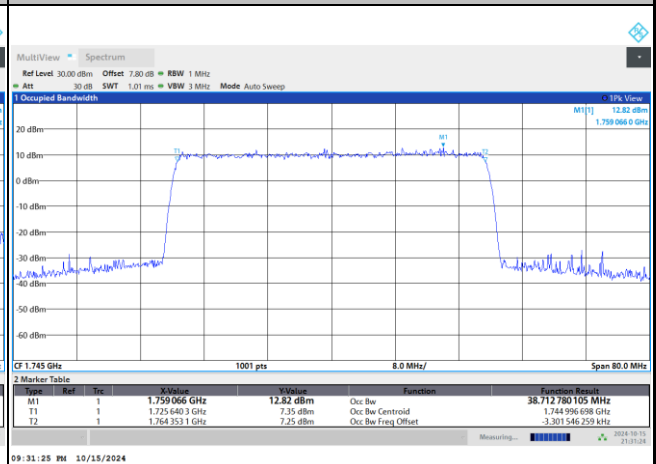
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64QAM



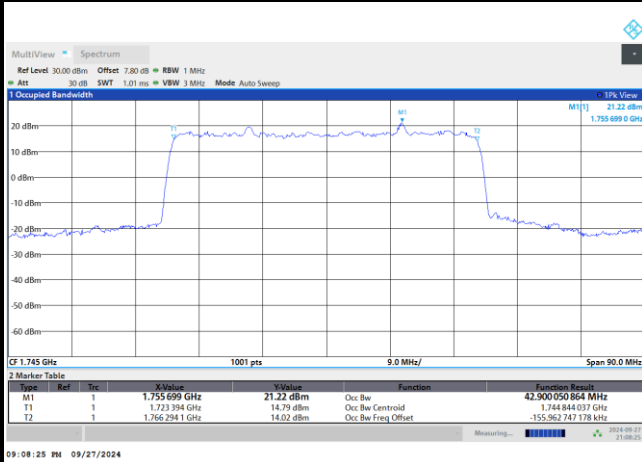
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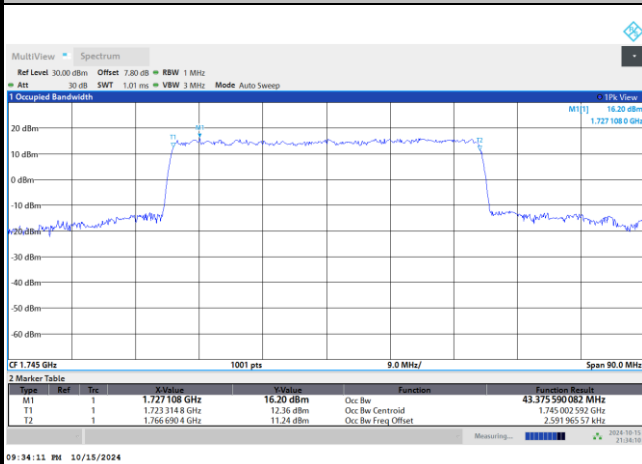
FR1 n66 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

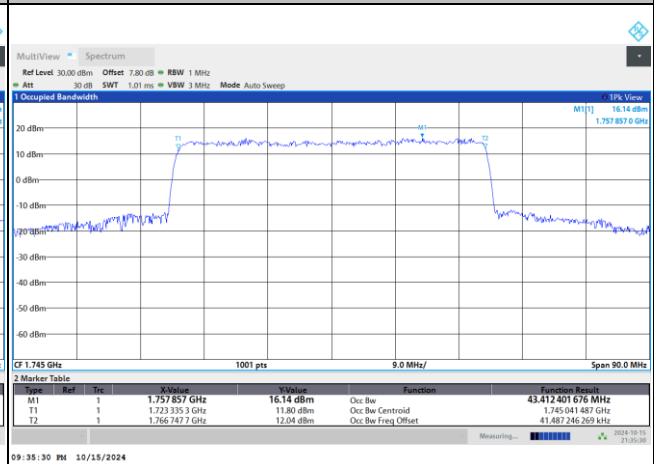


FR1 n66 / 45MHz / CP OFDM / Middle Channel / Full RB

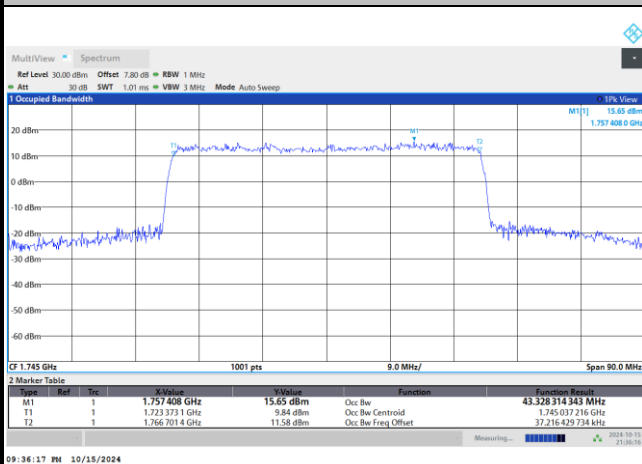
QPSK



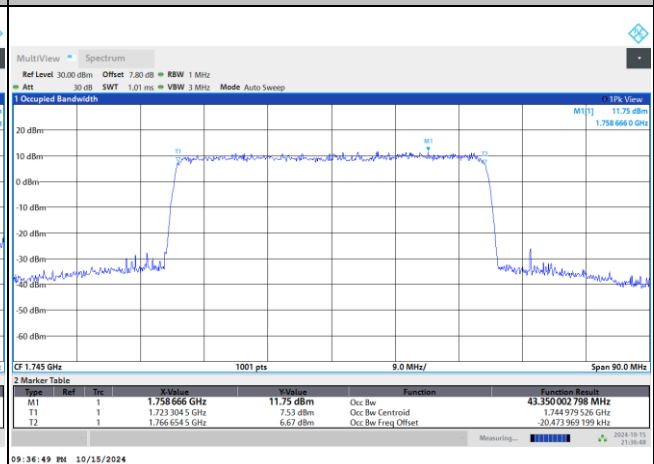
16QAM



64QAM



256QAM



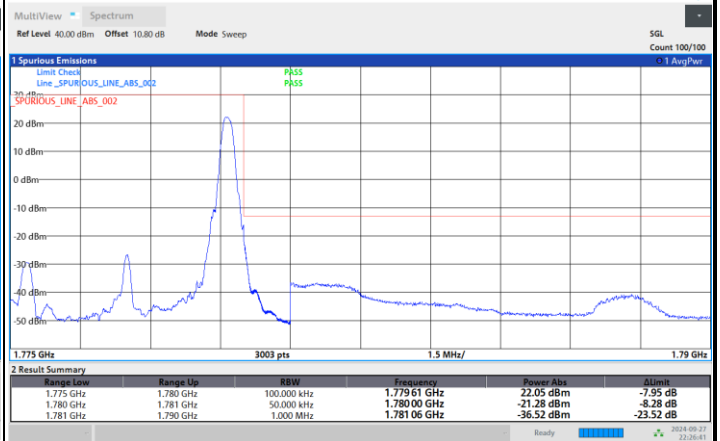
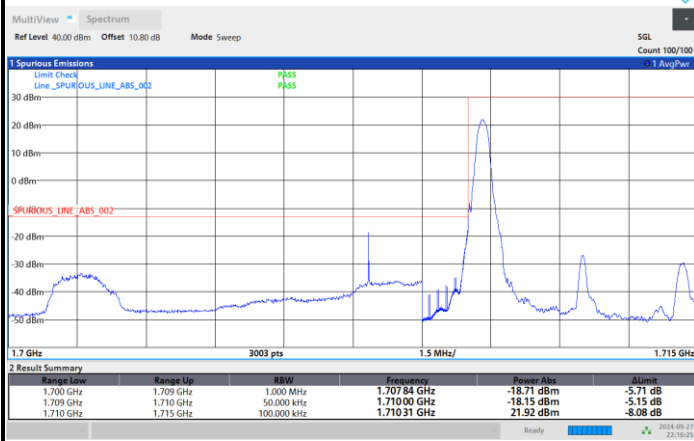


Conducted Band Edge

FR1 n66 / 5MHz / DFT-S OFDM / PI/2 BPSK

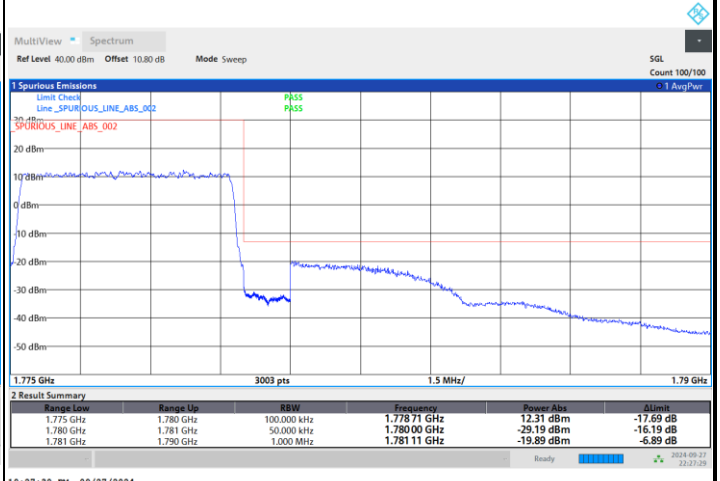
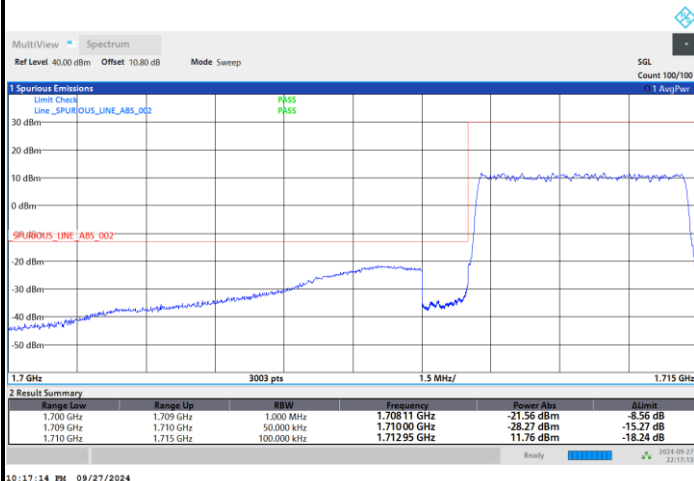
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

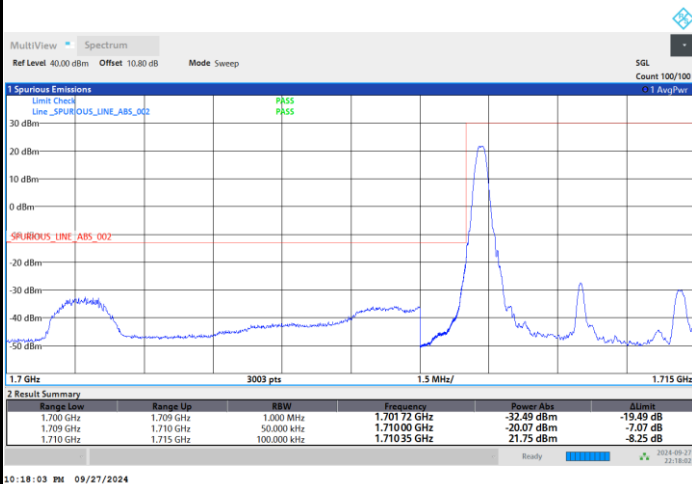




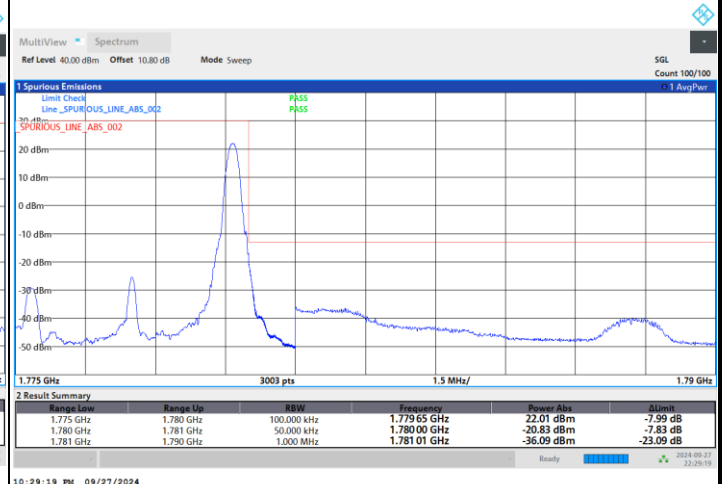
FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



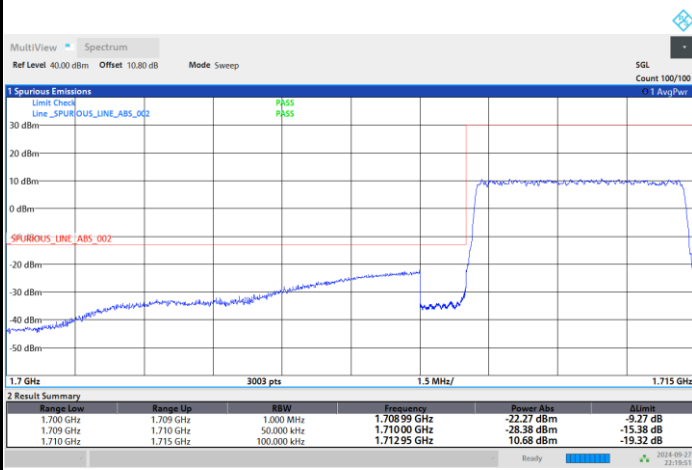
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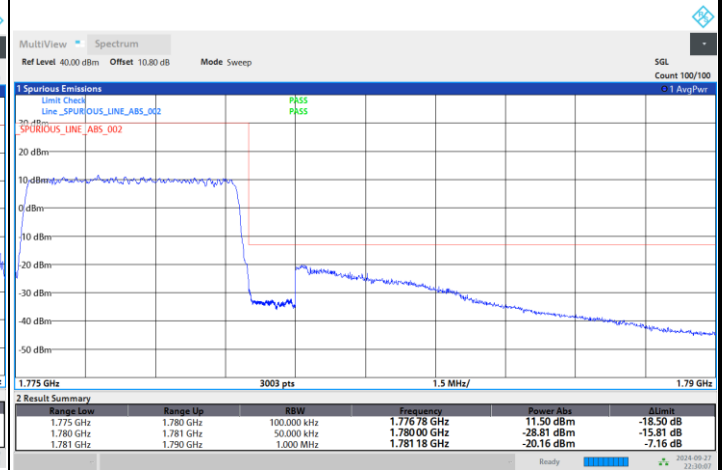
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Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:19:51 PM 09/27/2024



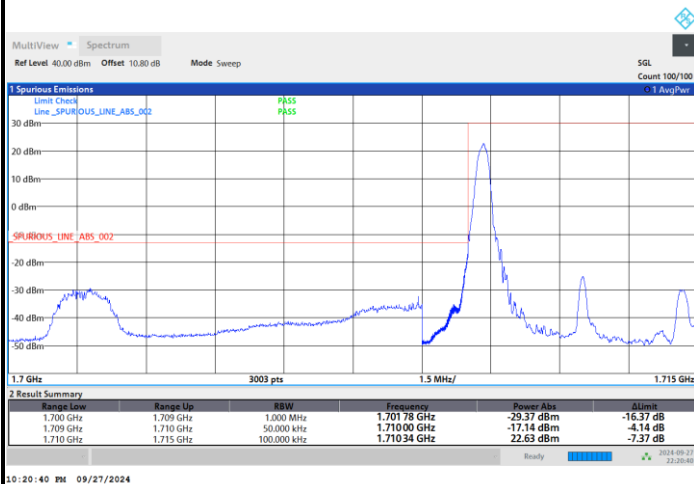
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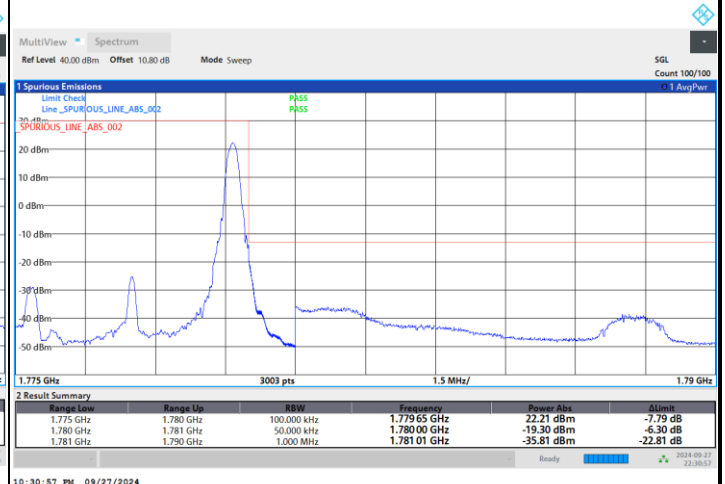
FR1 n66 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



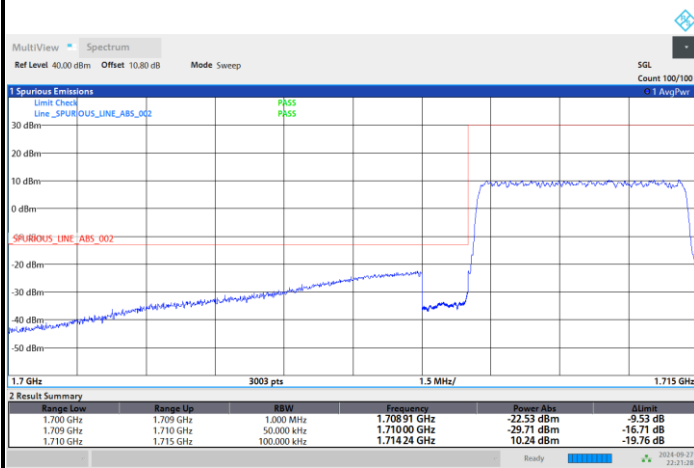
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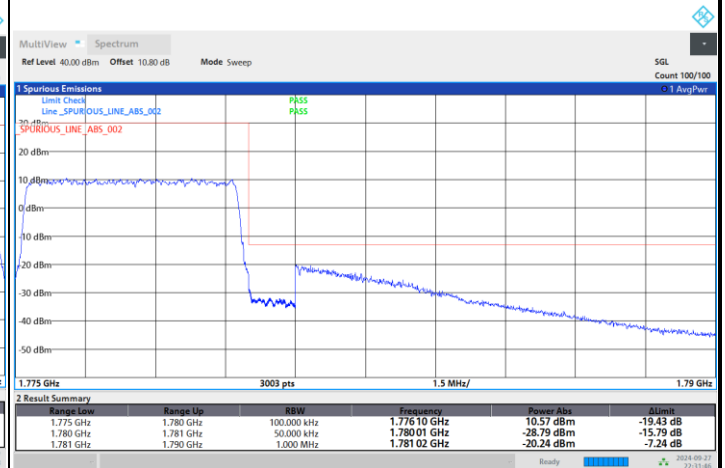
10:30:57 PM 09/27/2024

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:21:29 PM 09/27/2024



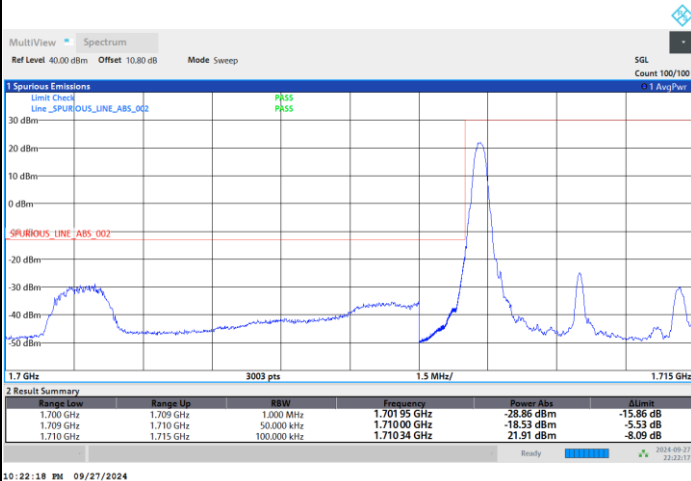
10:31:46 PM 09/27/2024



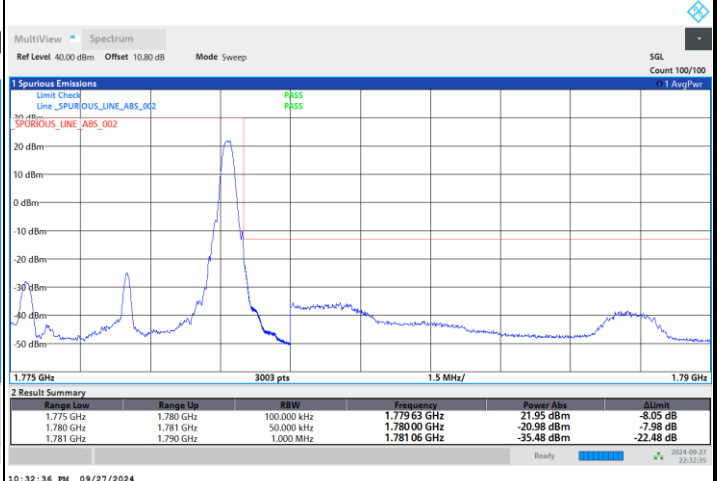
FR1 n66 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



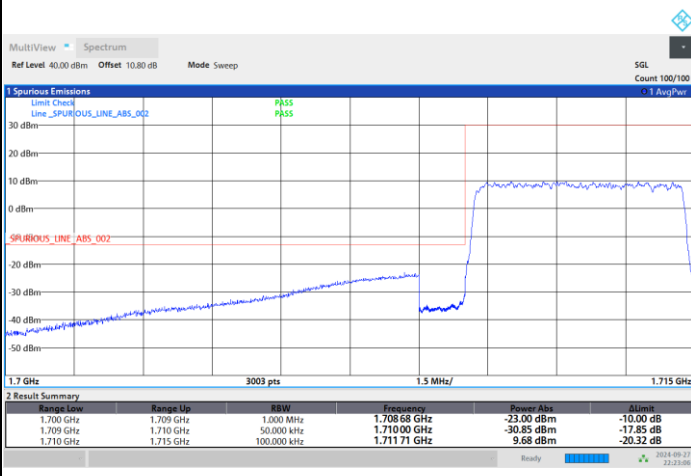
10:22:18 PM 09/27/2024



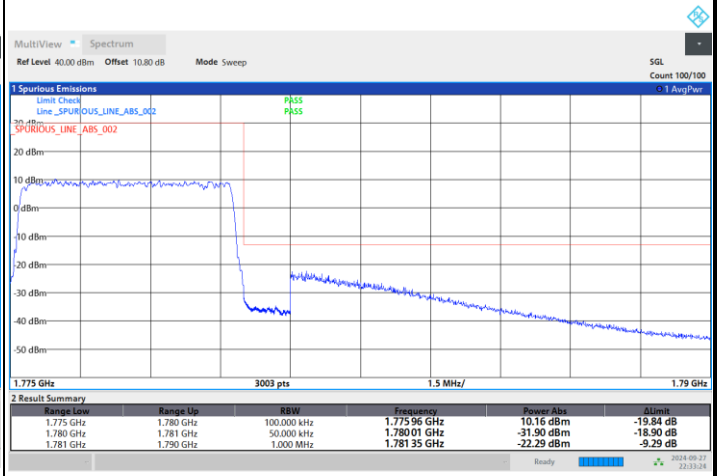
10:32:36 PM 09/27/2024

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:23:06 PM 09/27/2024



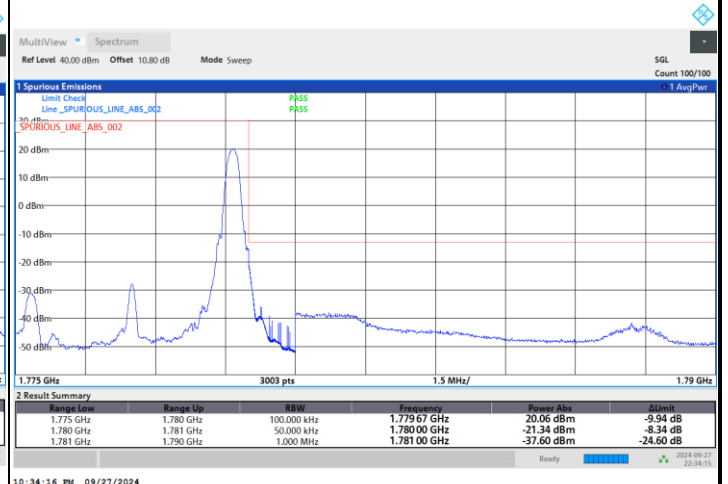
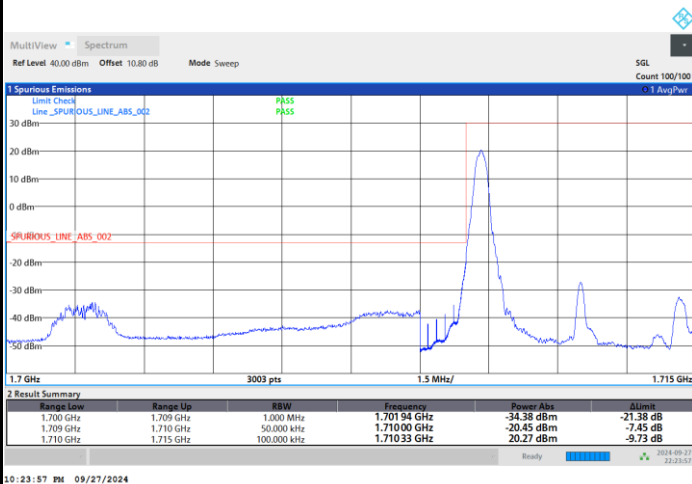
10:33:24 PM 09/27/2024



FR1 n66 / 5MHz / DFT-S OFDM / 256QAM

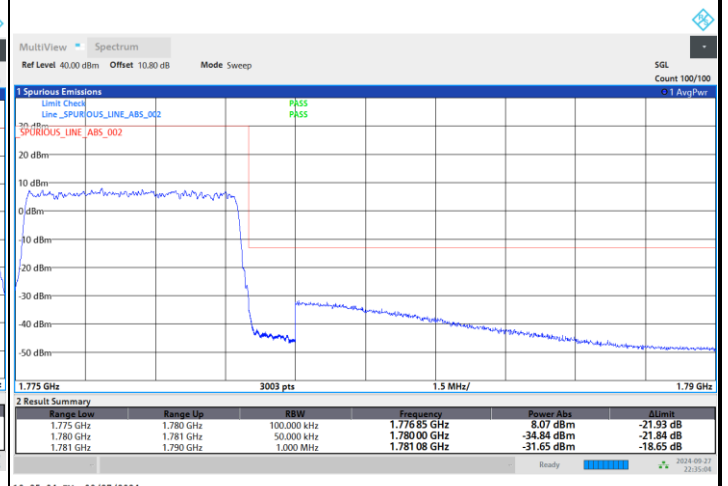
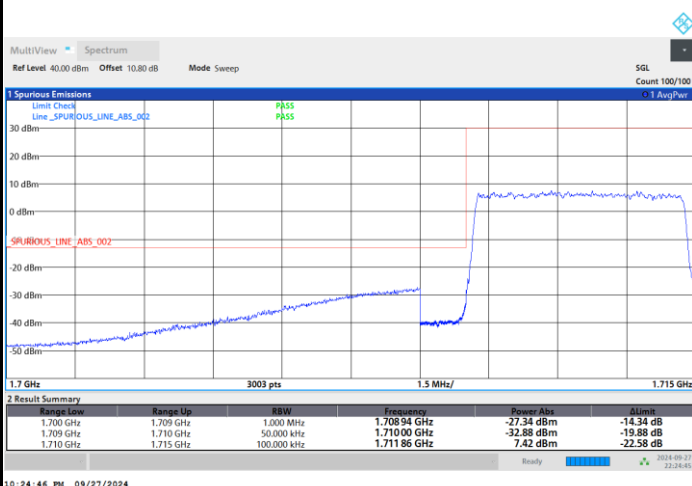
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

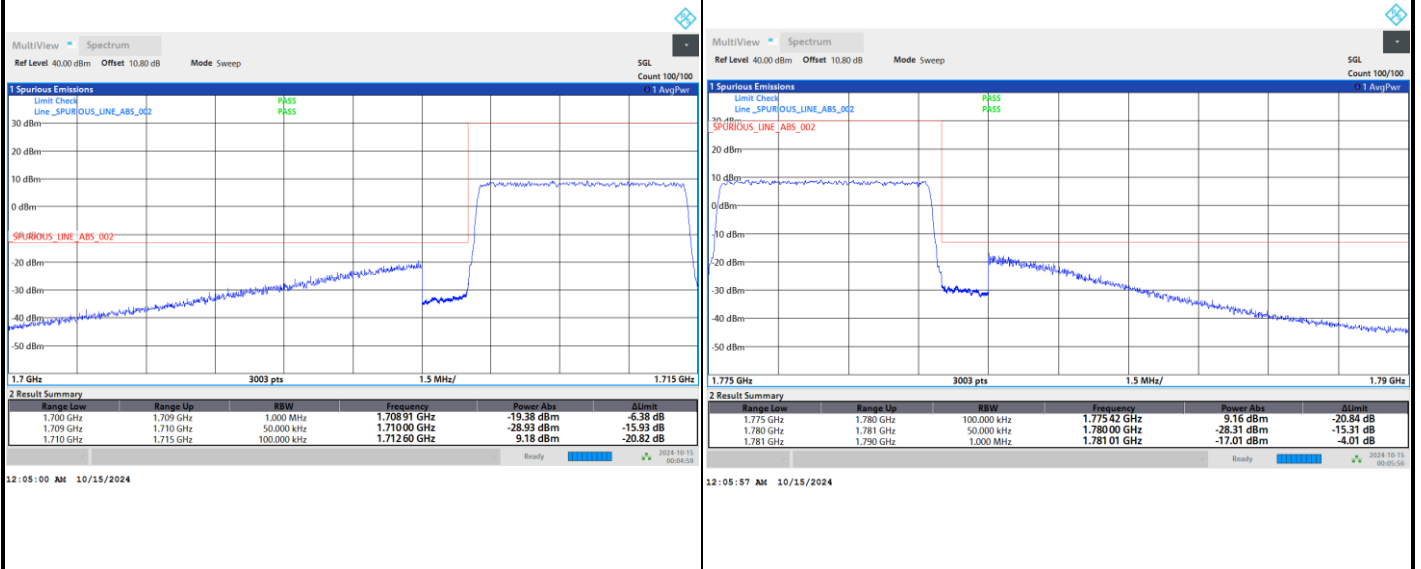




FR1 n66 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge



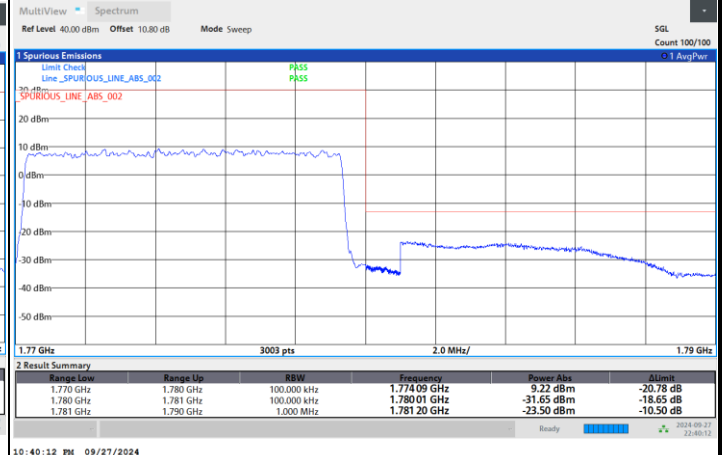


FR1 n66 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n66 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / Full RB



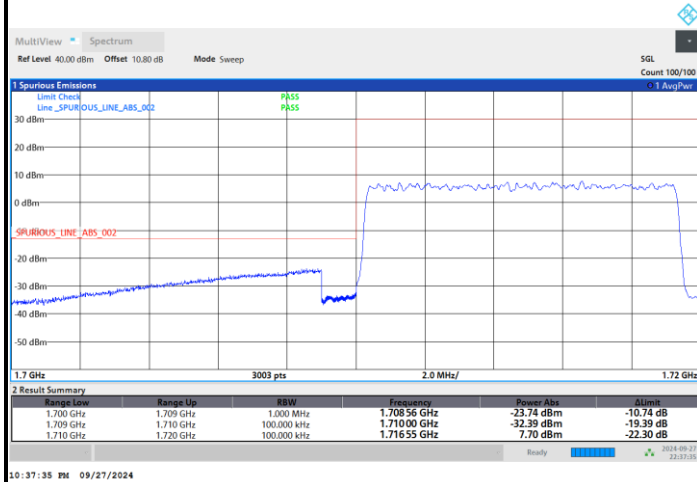
Highest Band Edge / Full RB



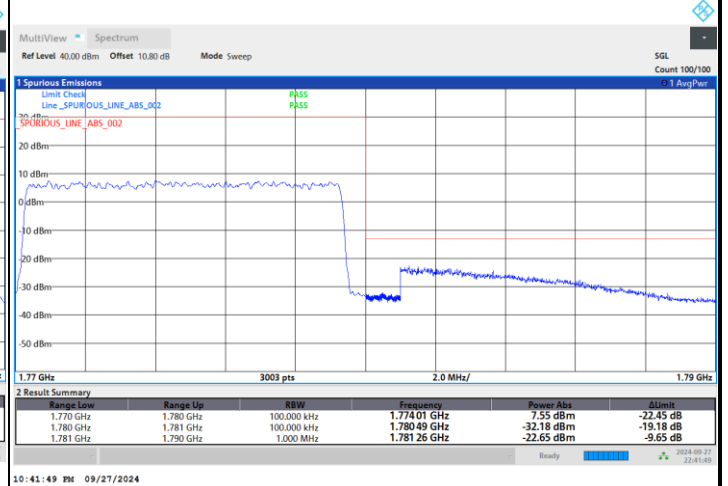


FR1 n66 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / Full RB

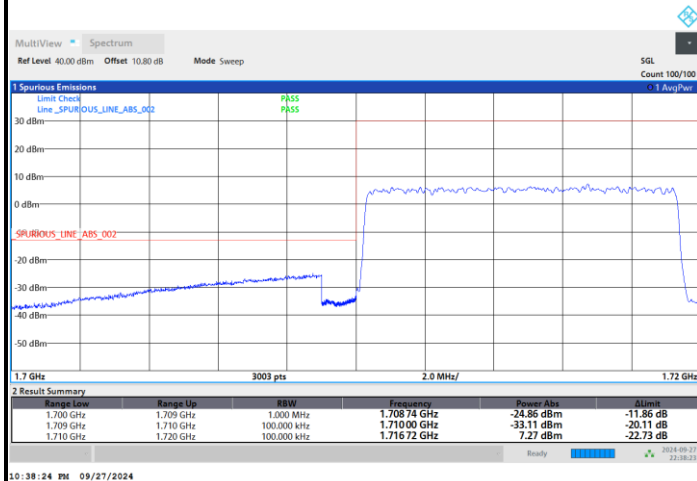


Highest Band Edge / Full RB



FR1 n66 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / Full RB



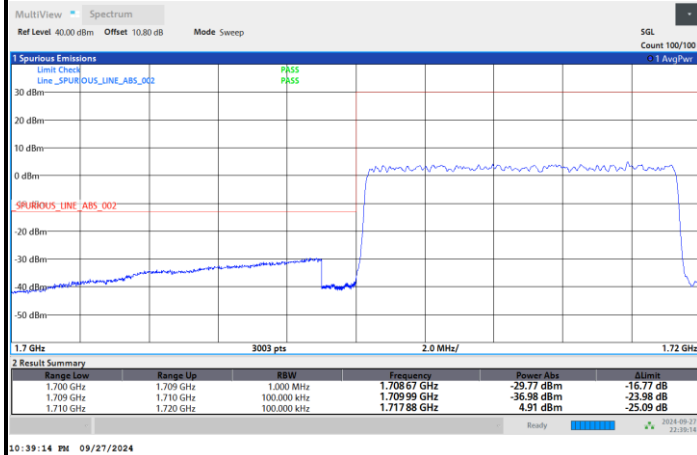
Highest Band Edge / Full RB



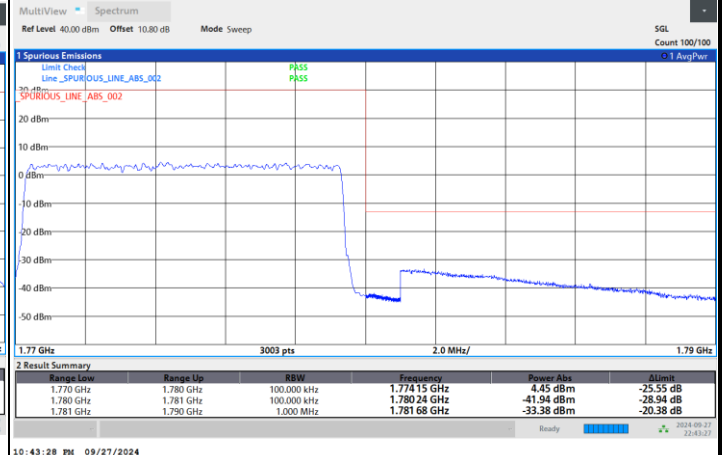


FR1 n66 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / Full RB

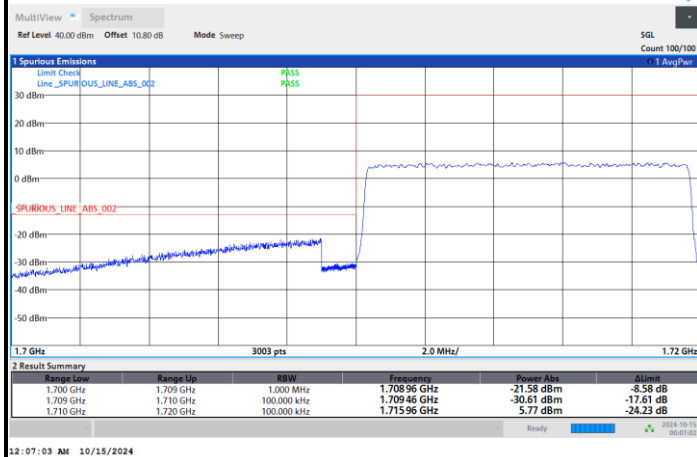


Highest Band Edge / Full RB



FR1 n66 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

