



MIMO <Ant. 2+1> (Ant. 1)

Conducted Band Edge

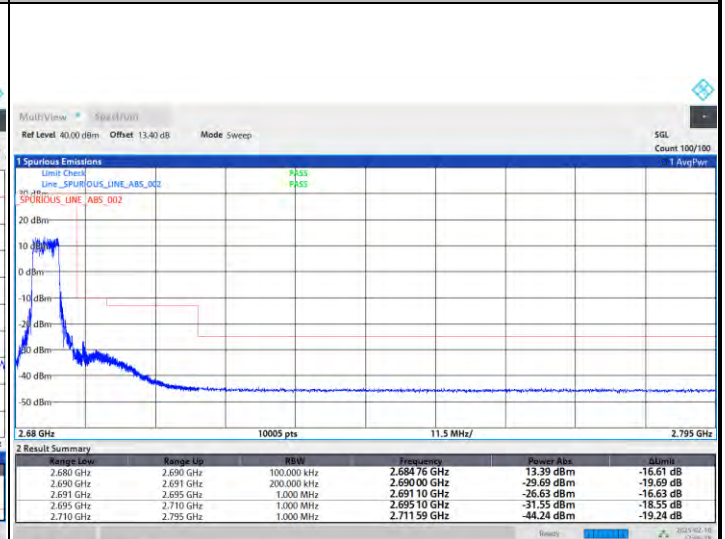
FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



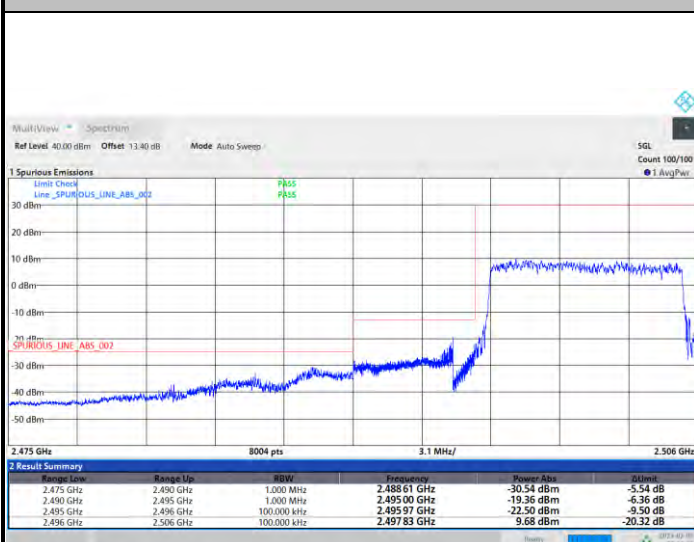
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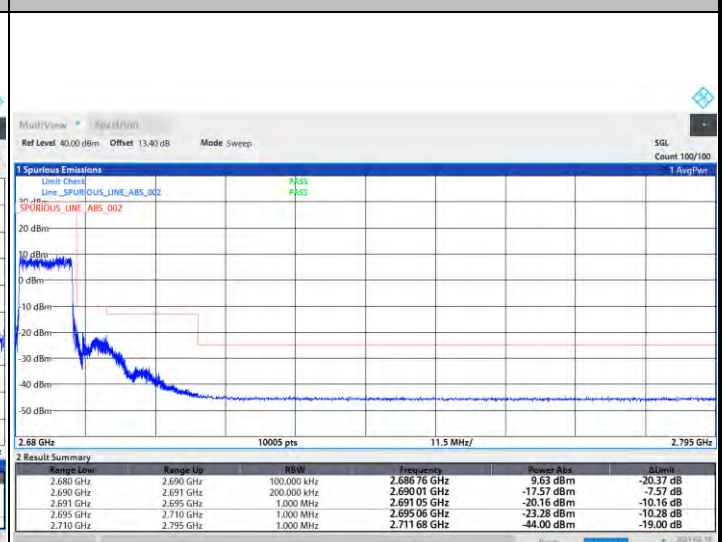
05:06:29 PM 02/10/2025

Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



10:44:37 PM 02/03/2025



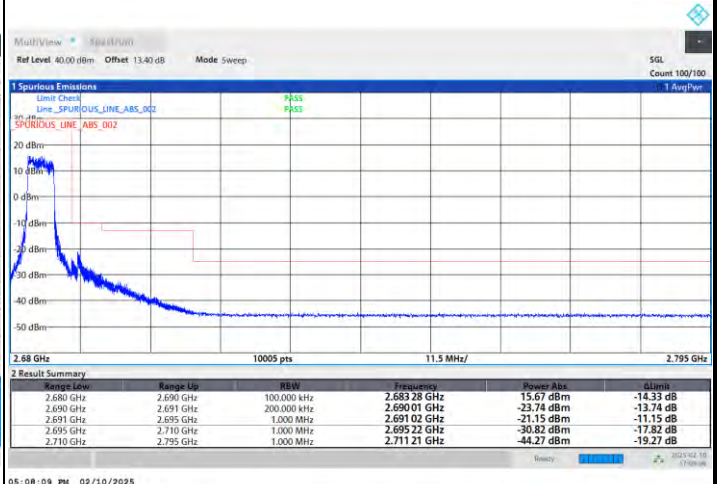
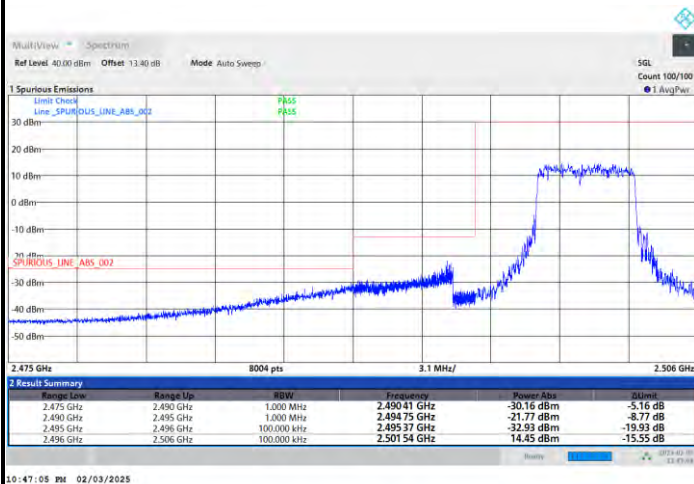
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FR1 n41 / 10MHz / DFT-S OFDM / QPSK

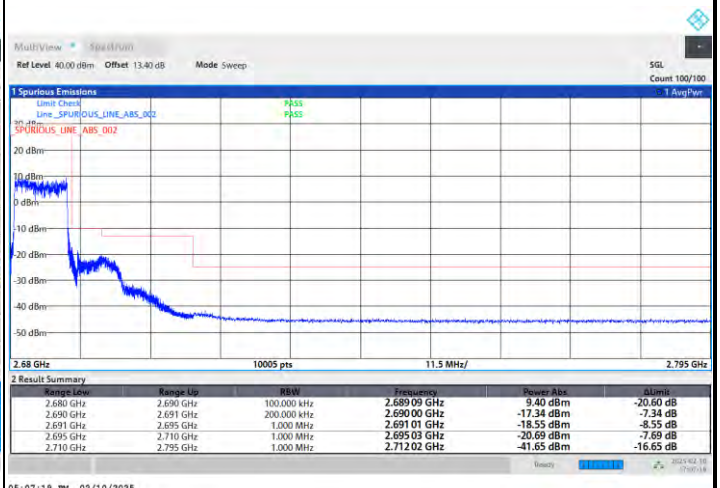
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

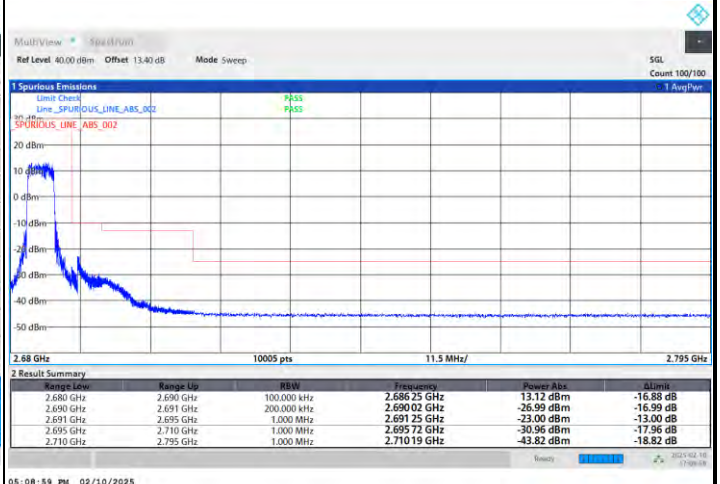




FR1 n41 / 10MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

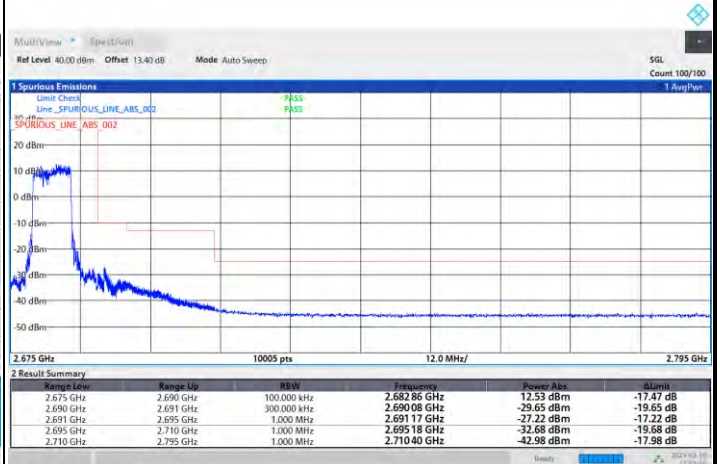
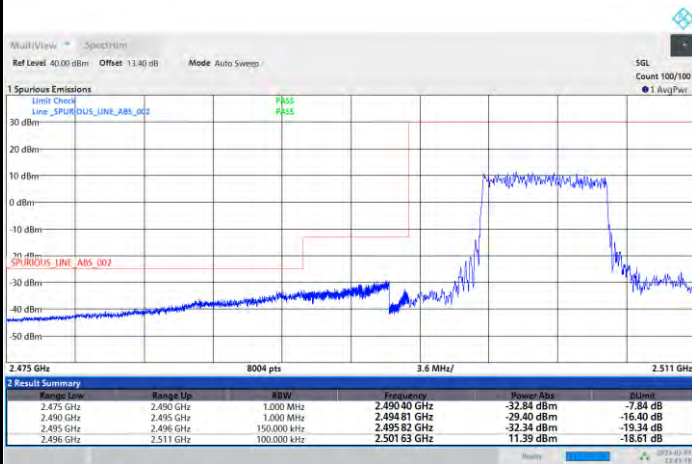




FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

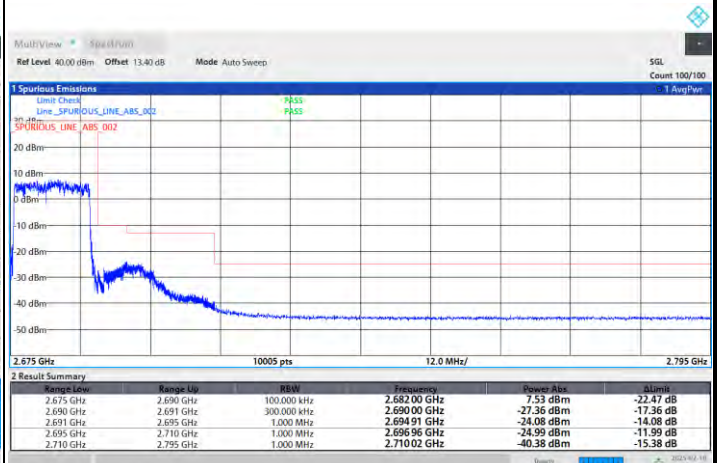
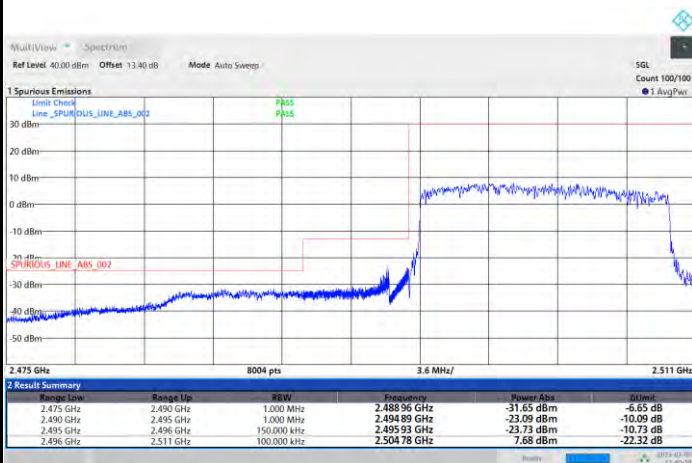
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

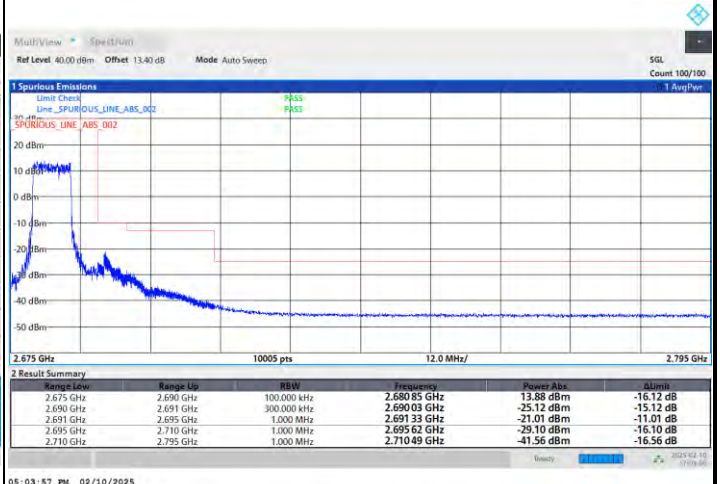
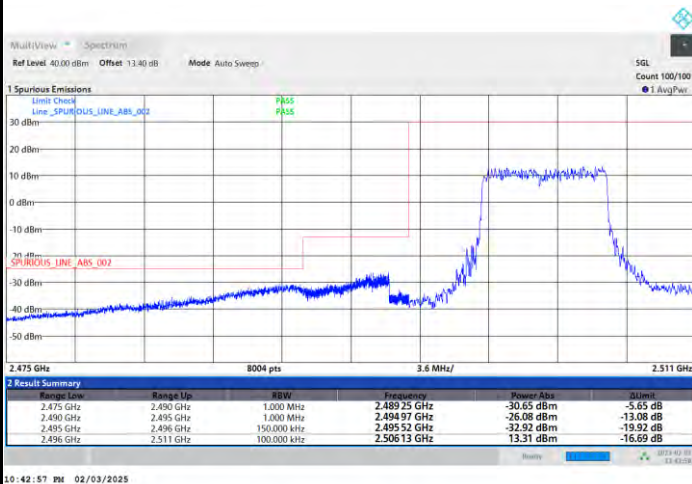




FR1 n41 / 15MHz / DFT-S OFDM / QPSK

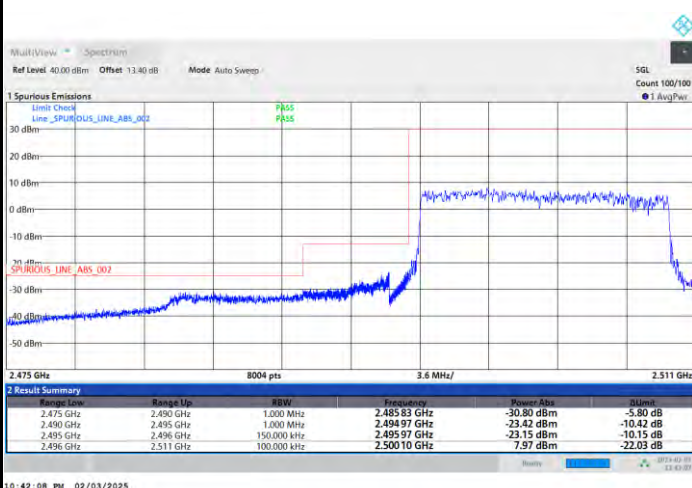
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

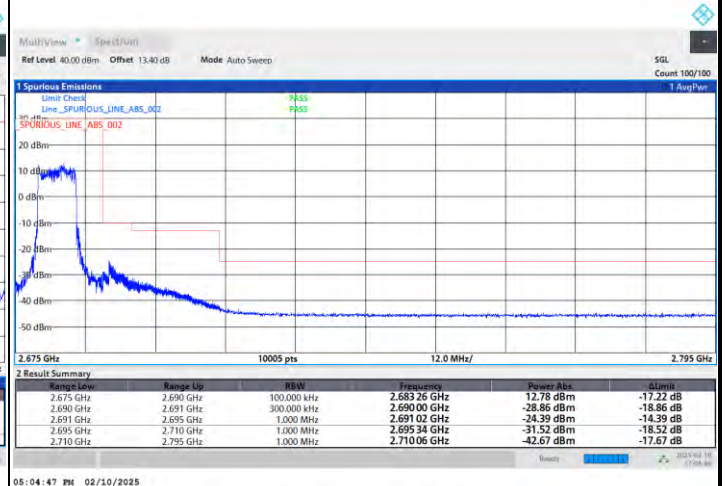




FR1 n41 / 15MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

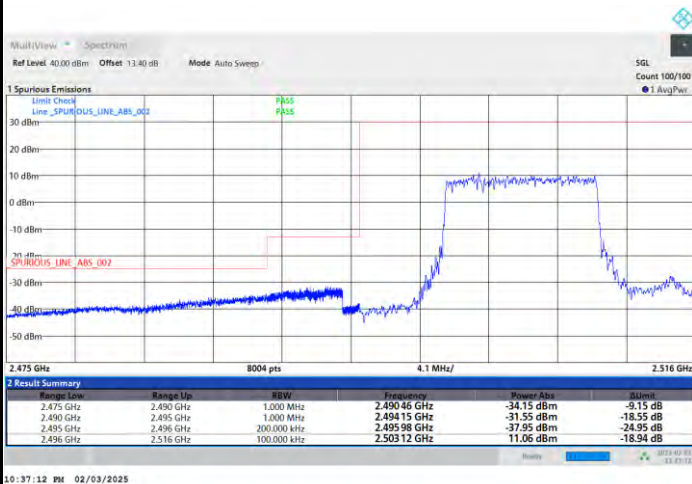




FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

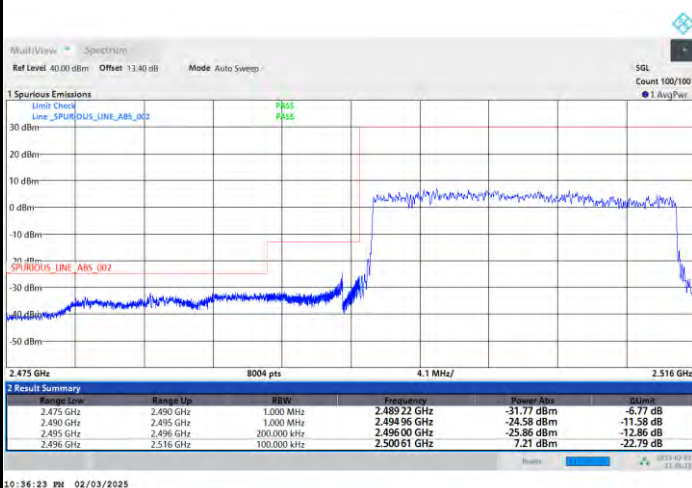
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

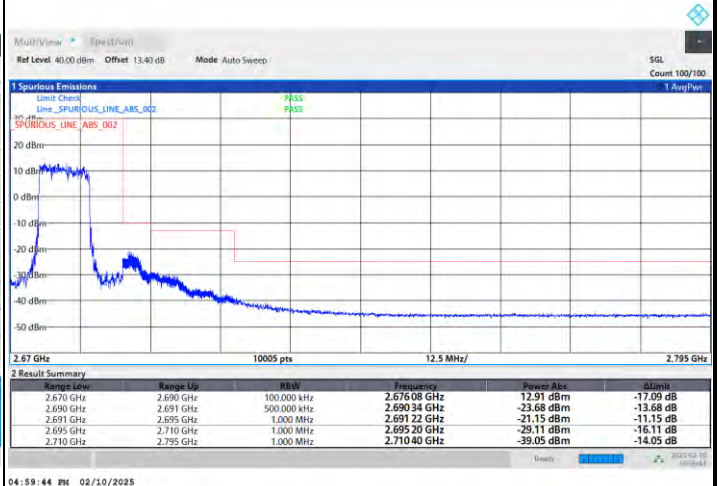
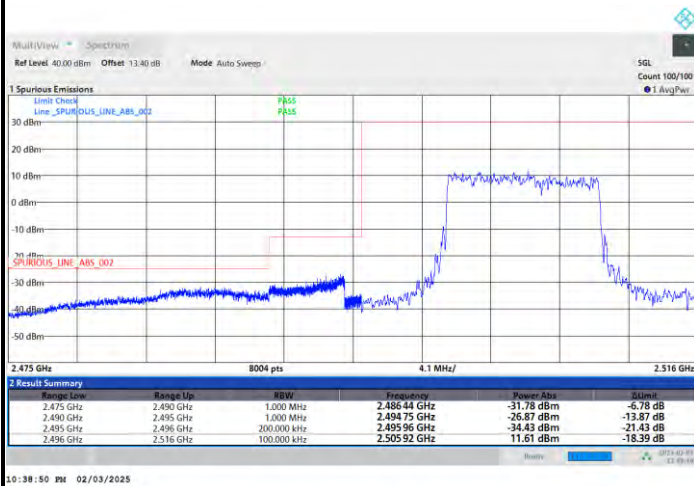




FR1 n41 / 20MHz / DFT-S OFDM / QPSK

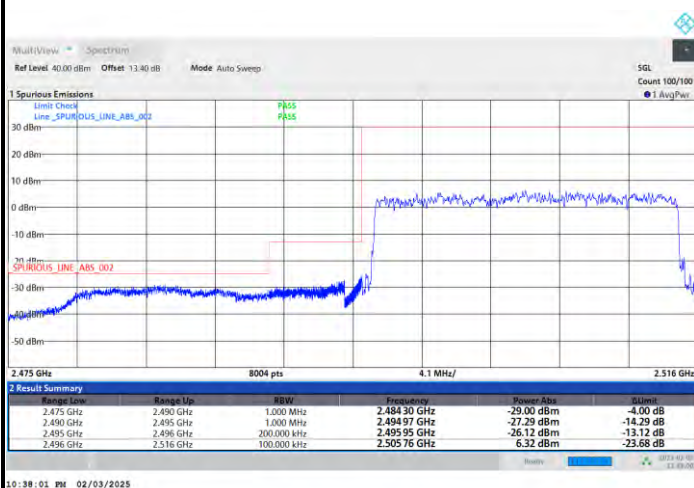
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

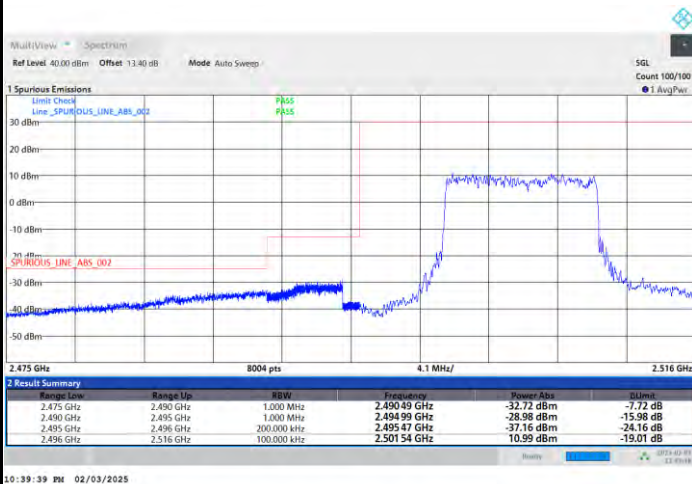




FR1 n41 / 20MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

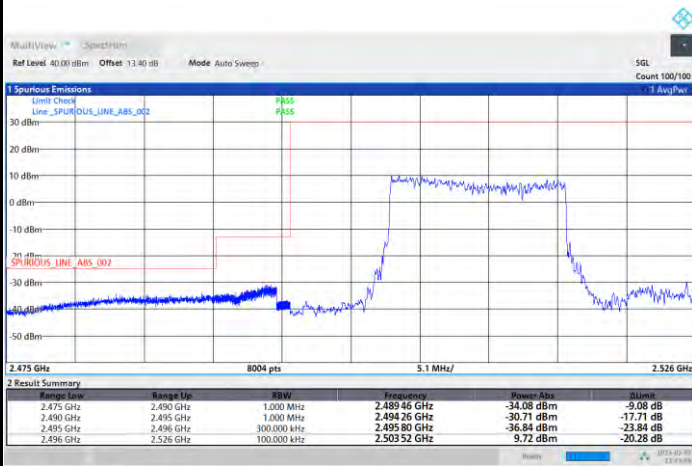




FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

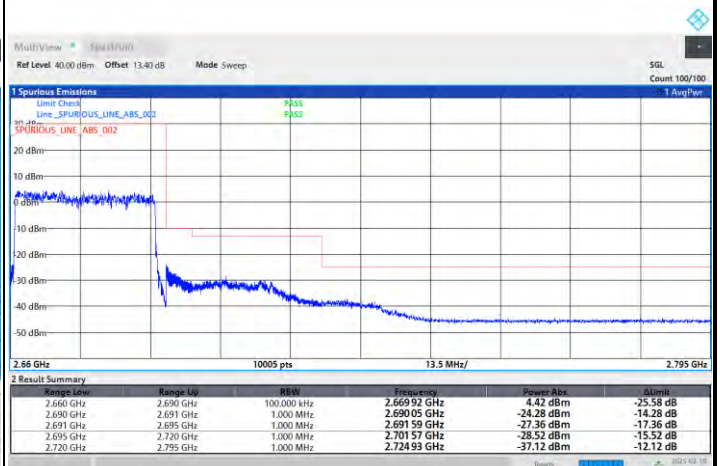
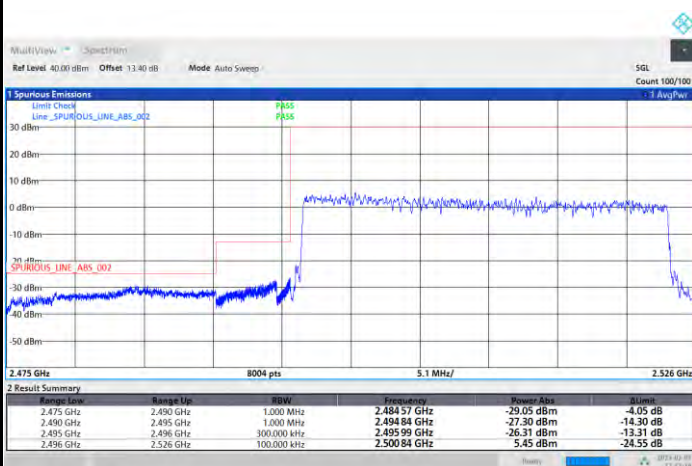
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

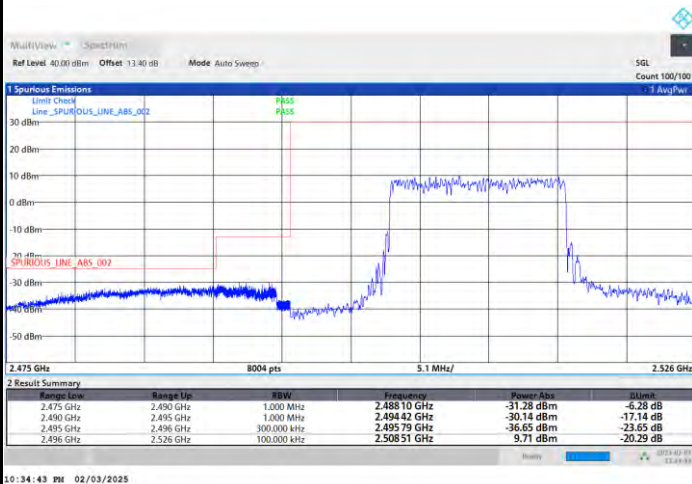




FR1 n41 / 30MHz / DFT-S OFDM / QPSK

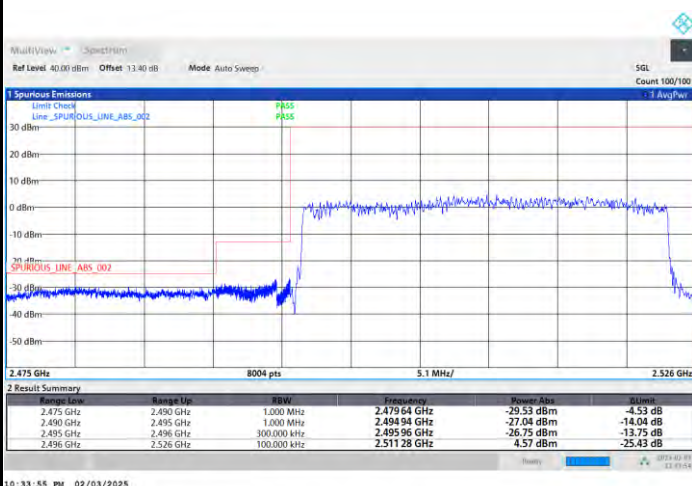
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





FR1 n41 / 30MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

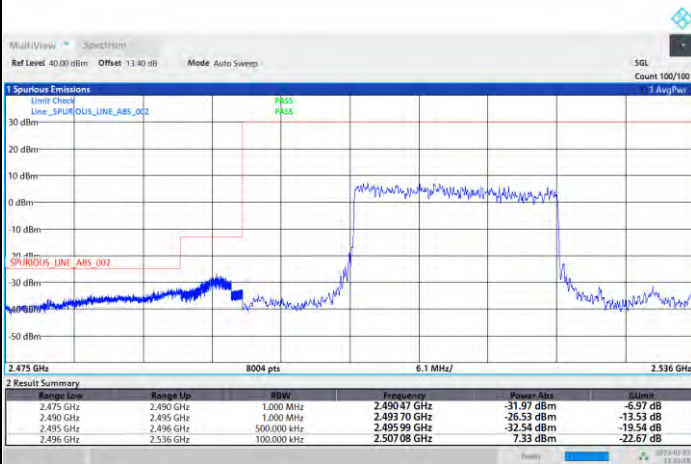




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

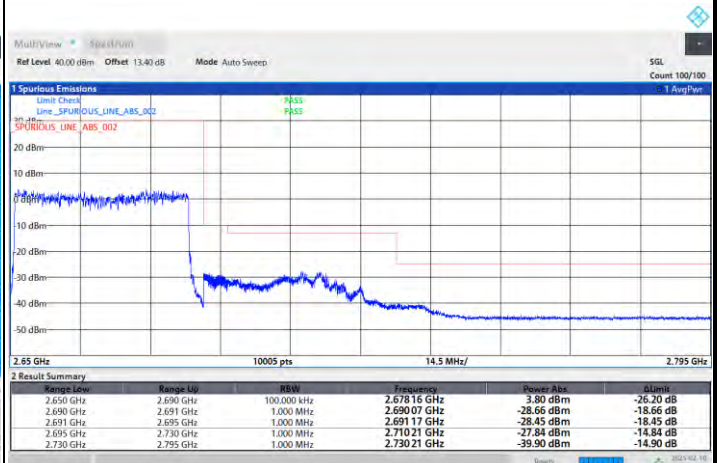
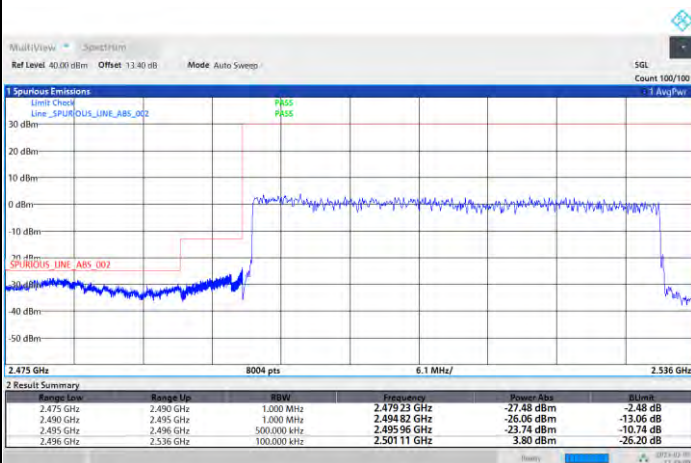
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

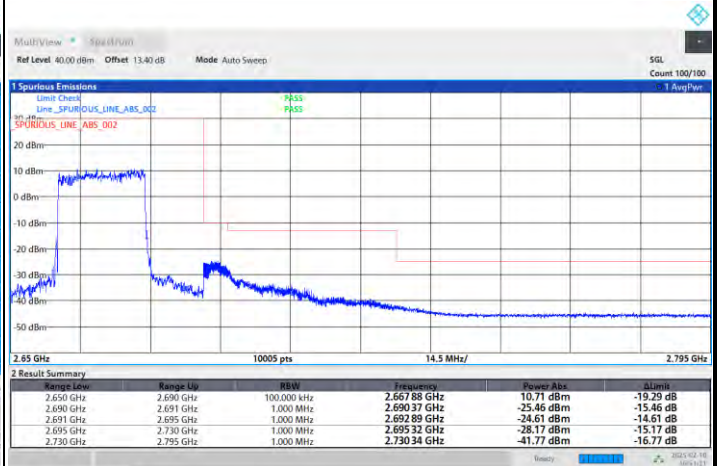
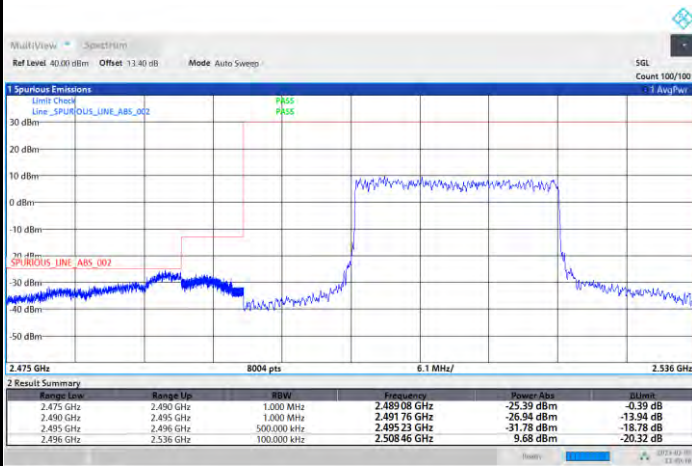




FR1 n41 / 40MHz / DFT-S OFDM / QPSK

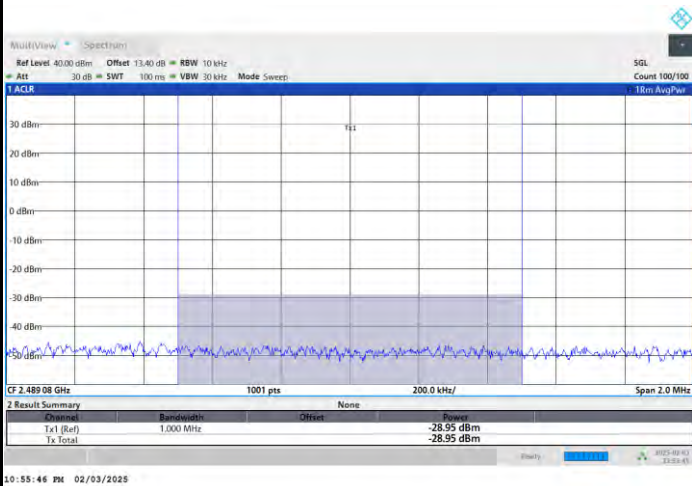
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

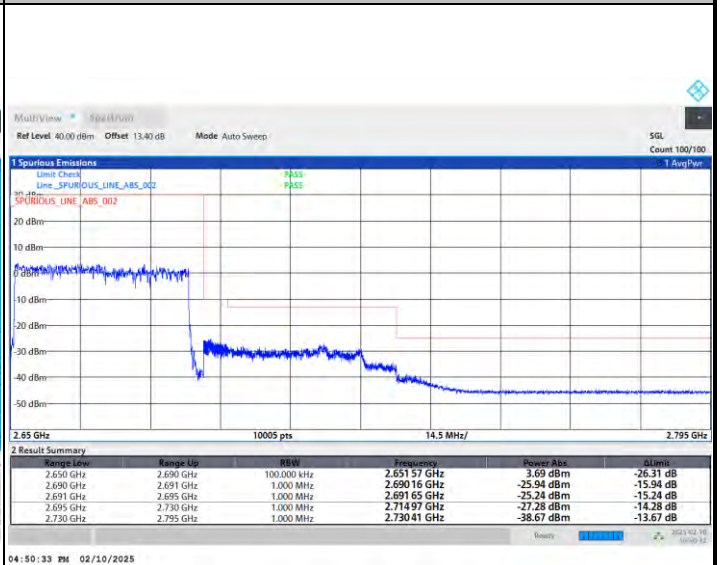
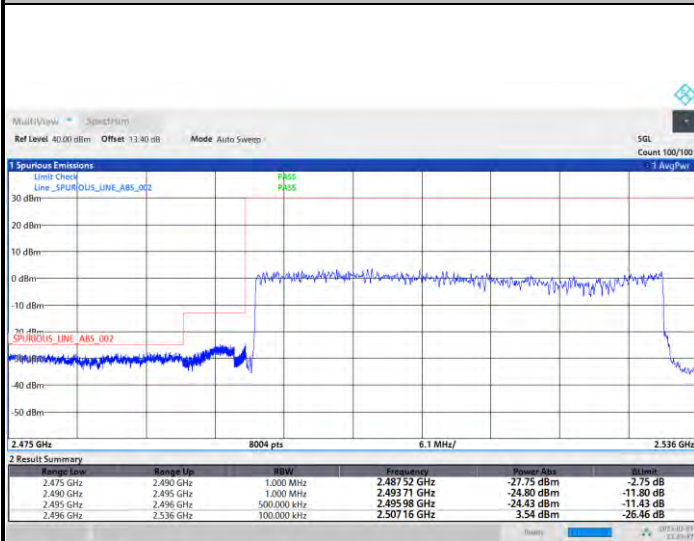
Channel power -25dBm > -28.95dBm (PASS)





Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

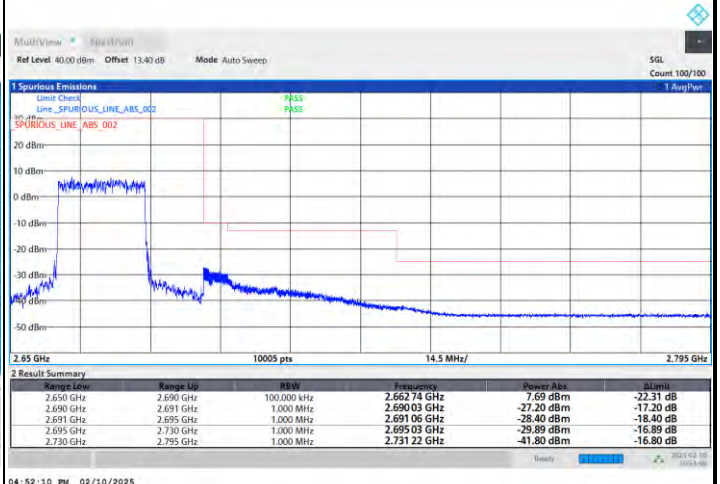
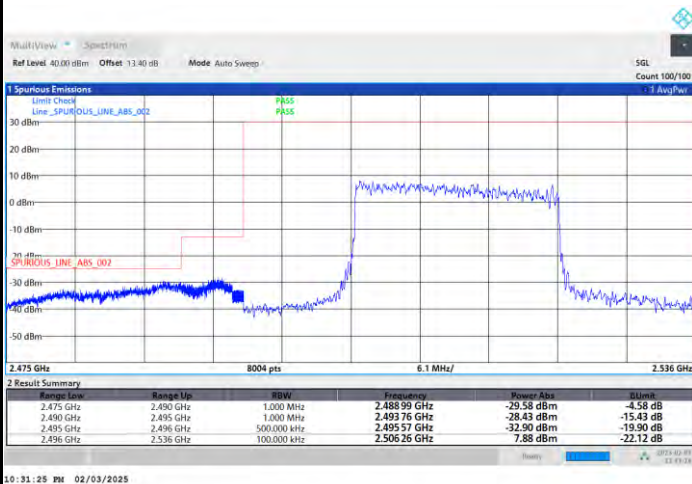




FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

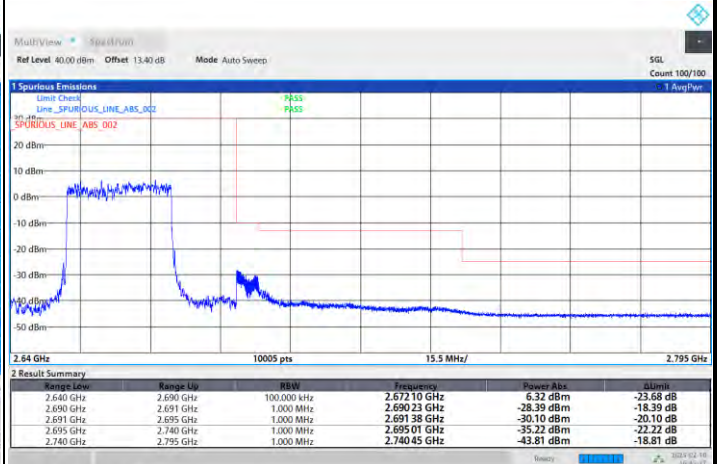
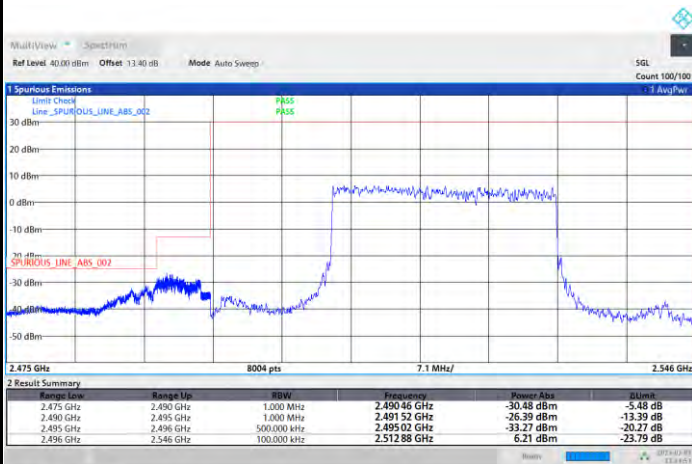




FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

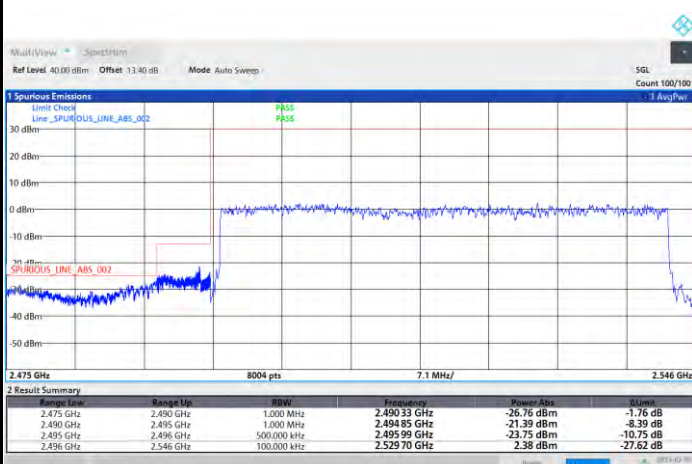
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

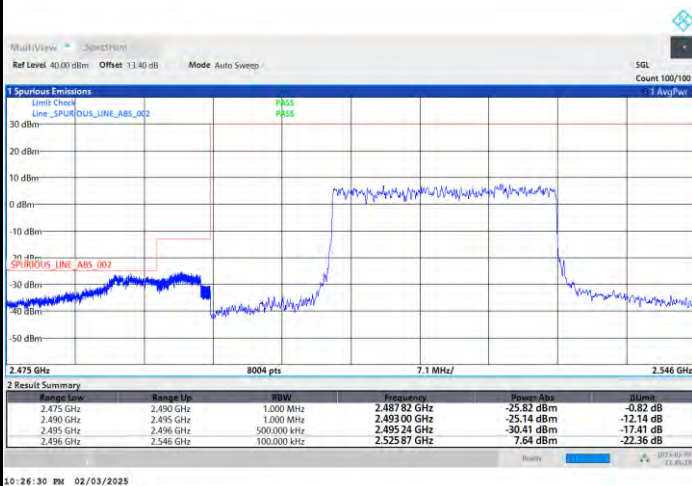
Highest Band Edge / Outer Full RB





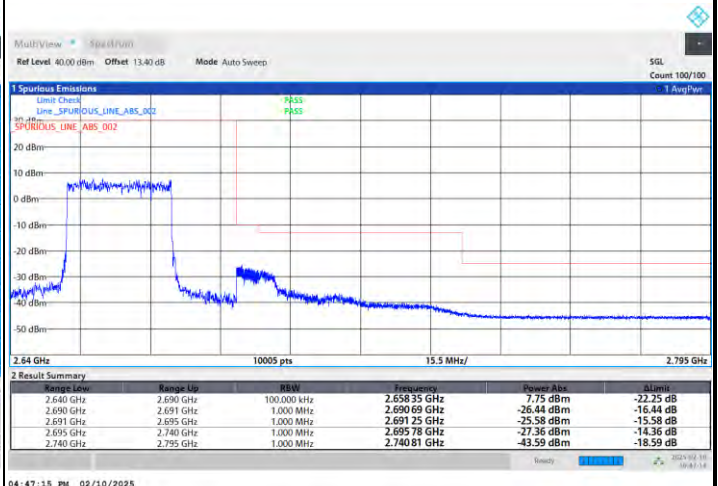
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB



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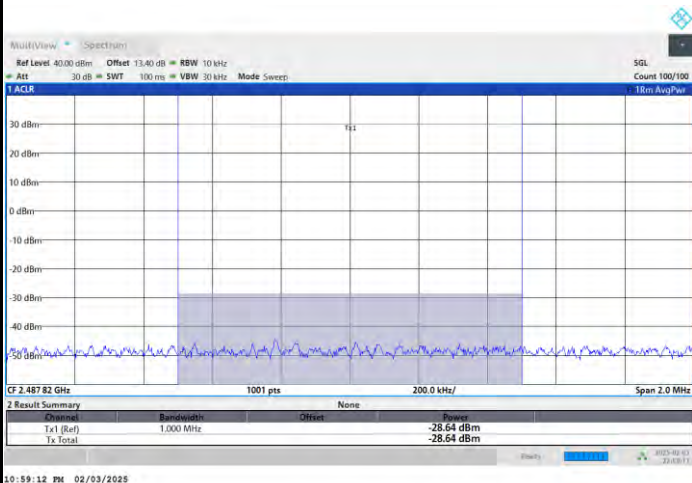
Highest Band Edge / Inner Full RB



04:47:15 PM 02/10/2025

Lowest Channel Inner Full RB

Channel power -25dBm > -28.64dBm (PASS)

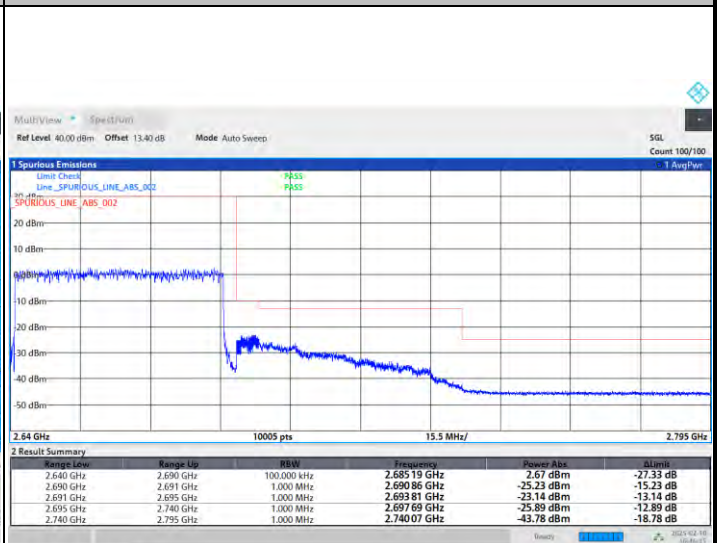
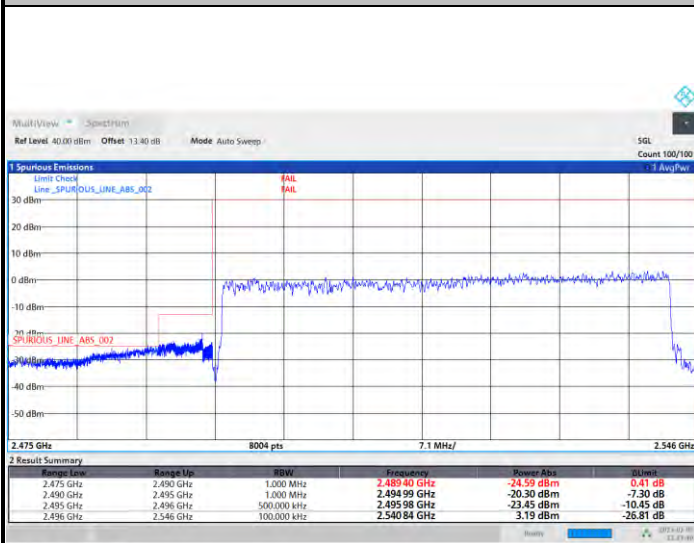


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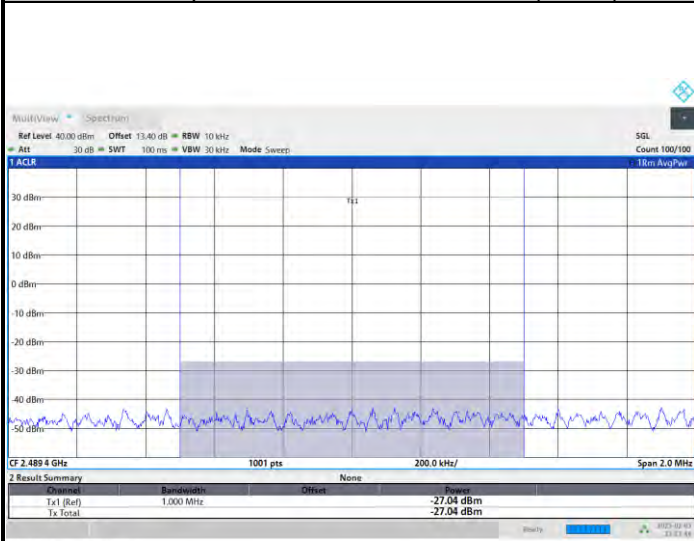
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -27.04dBm (PASS)

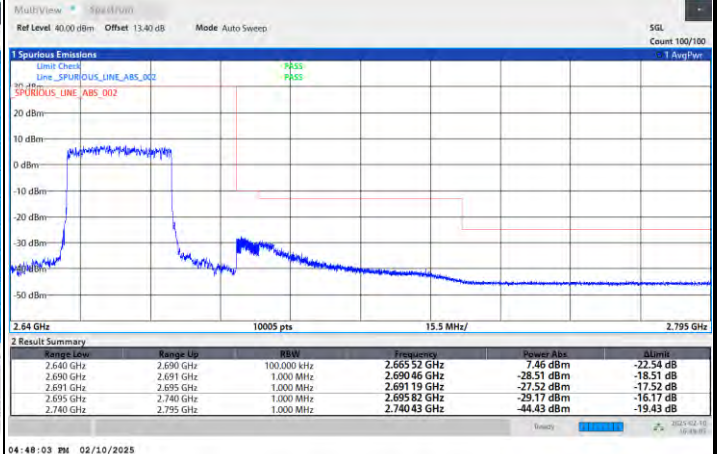
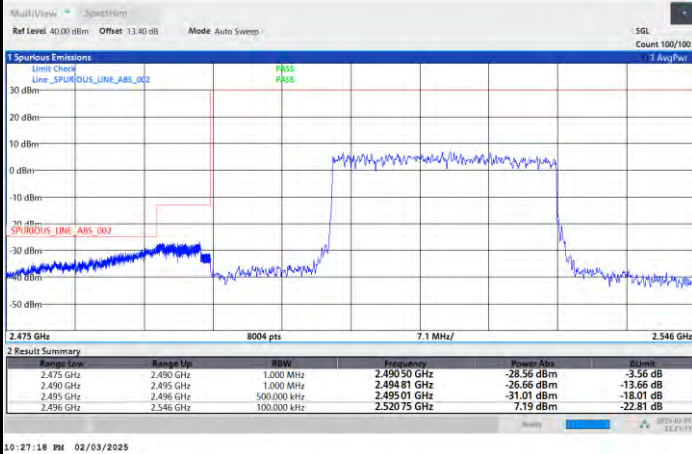




FR1 n41 / 50MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

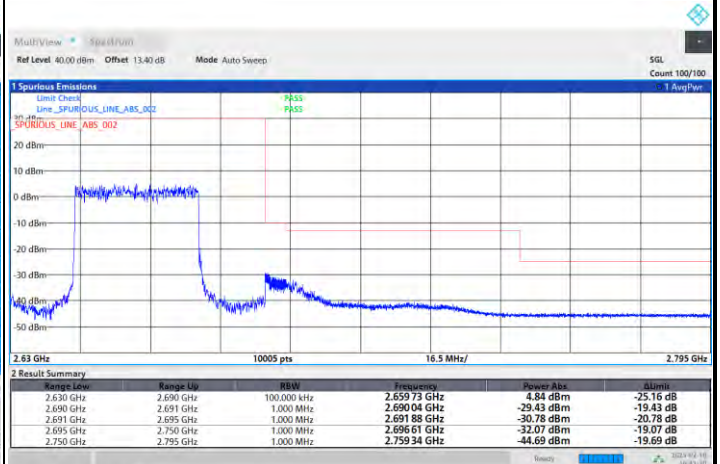
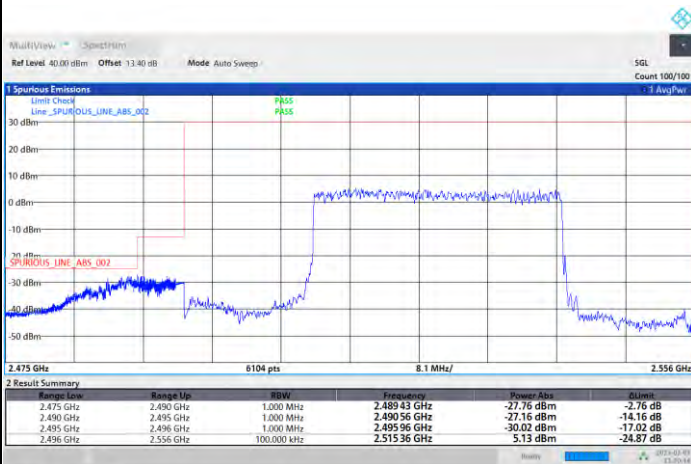




FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

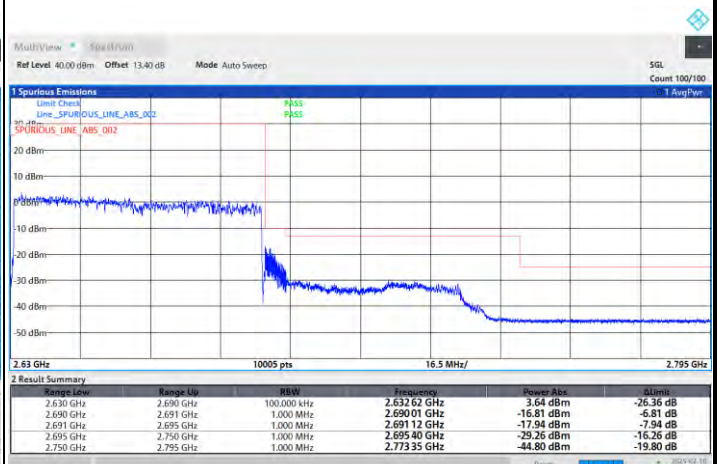
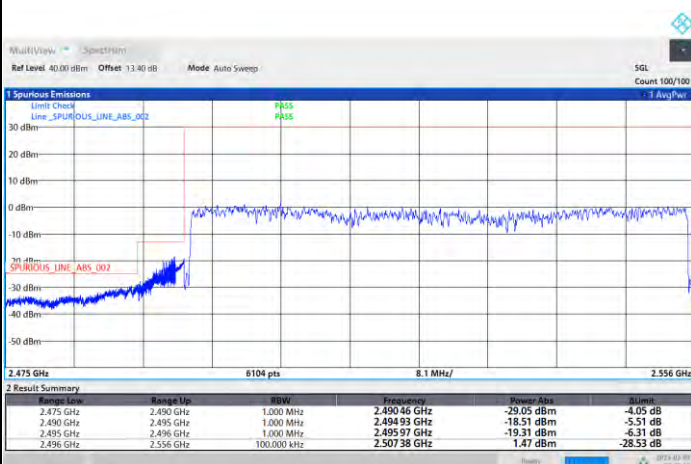
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

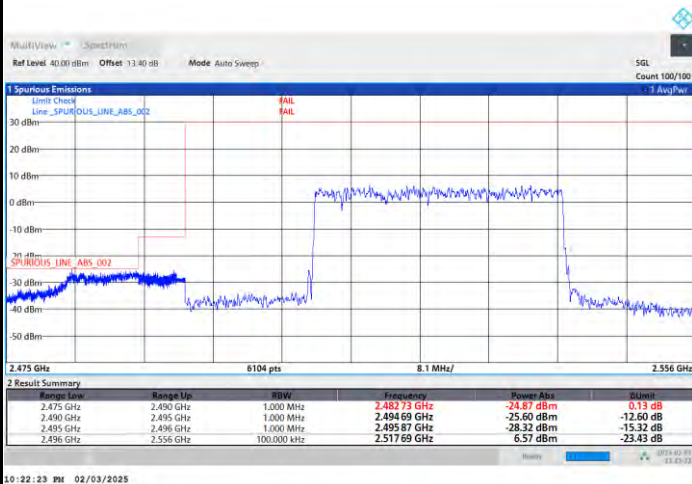




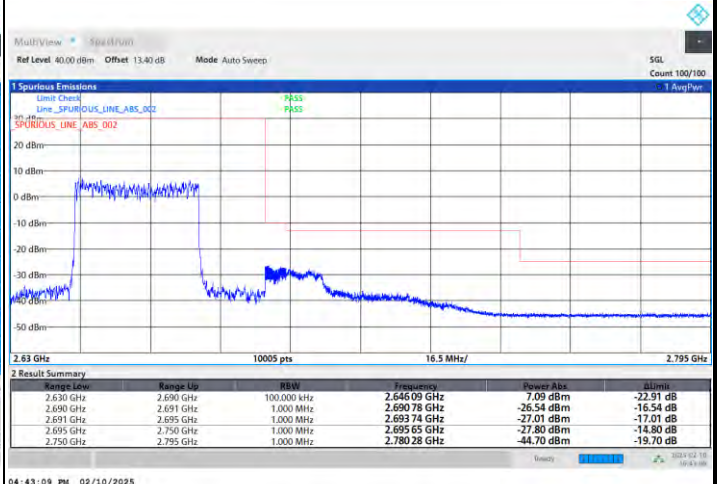
FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



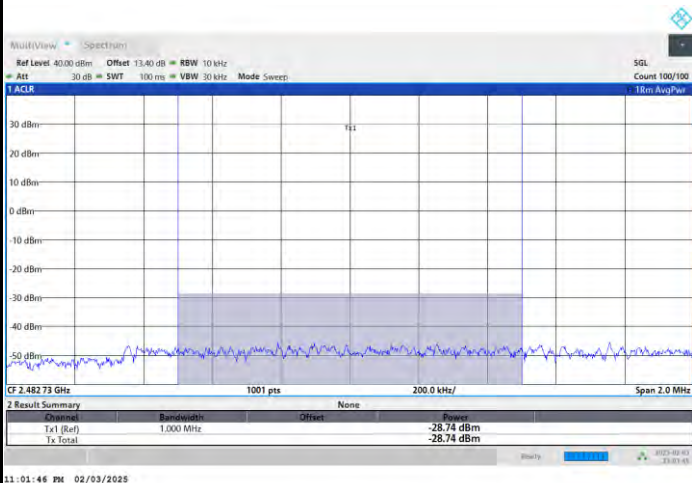
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04:43:09 PM 02/10/2025

Lowest Channel Inner Full RB

Channel power -25dBm > -28.74dBm (PASS)

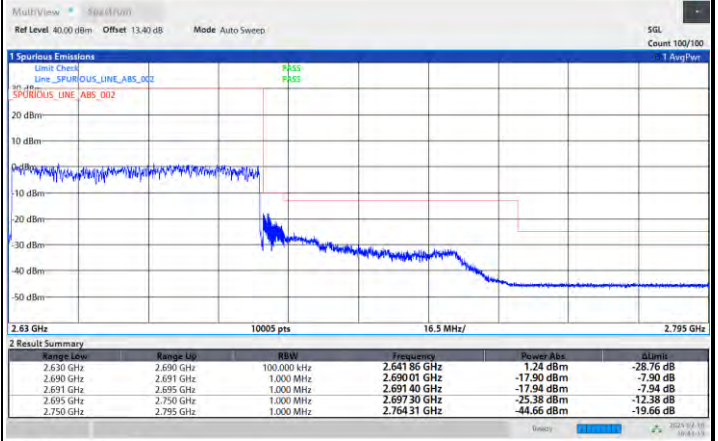
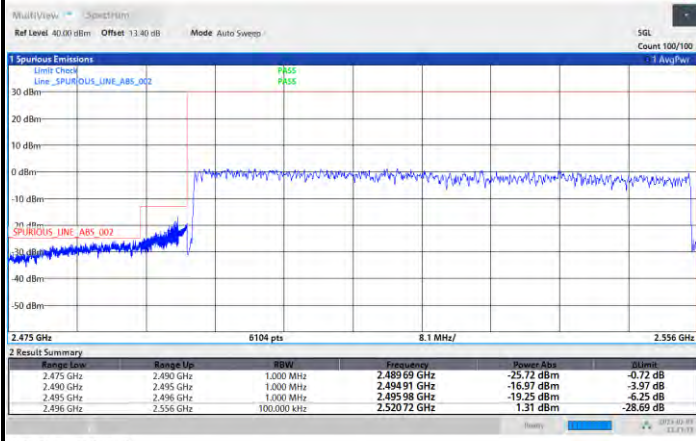


11:01:46 PM 02/03/2025



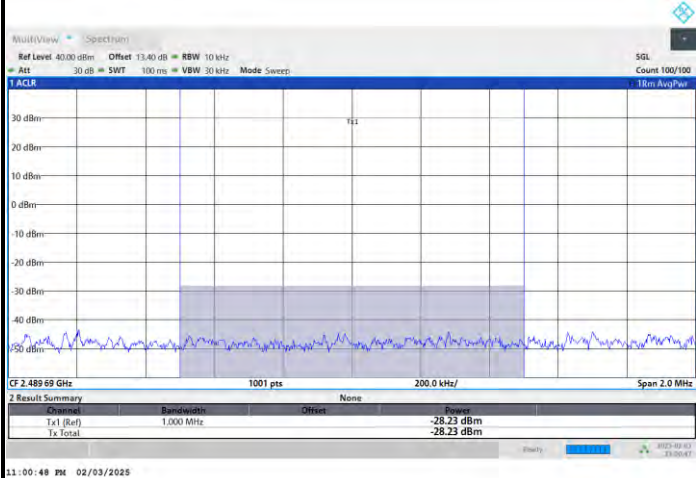
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -28.23dBm (PASS)

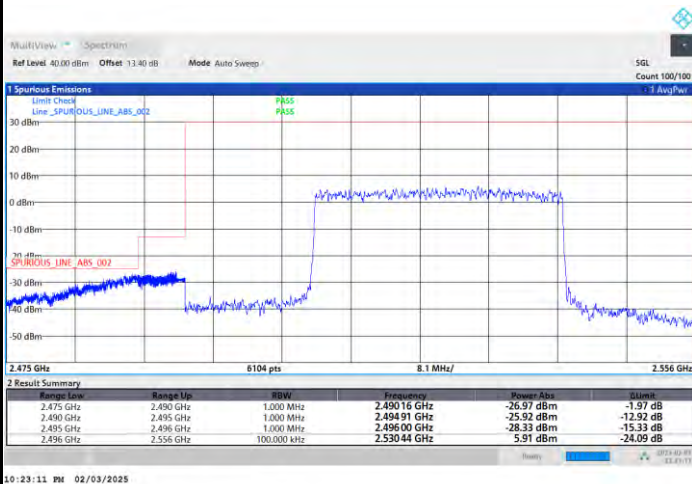




FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

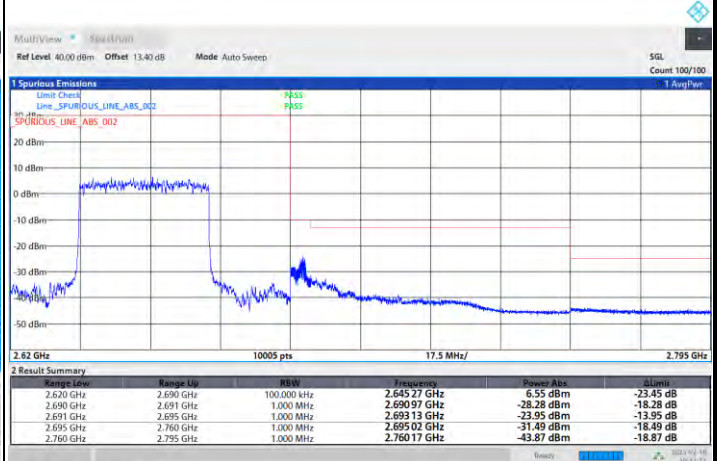
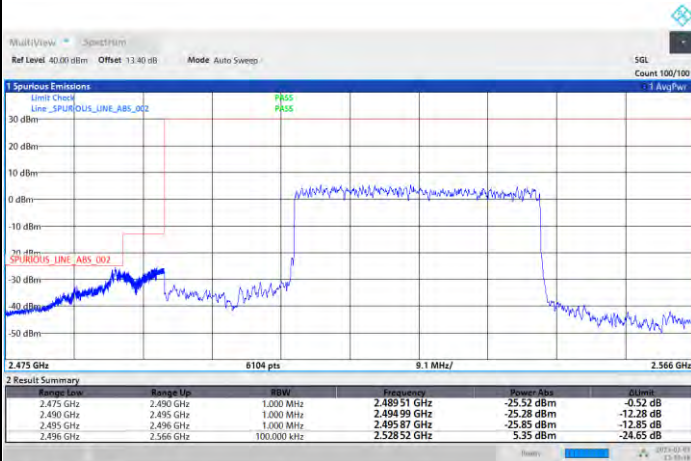




FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

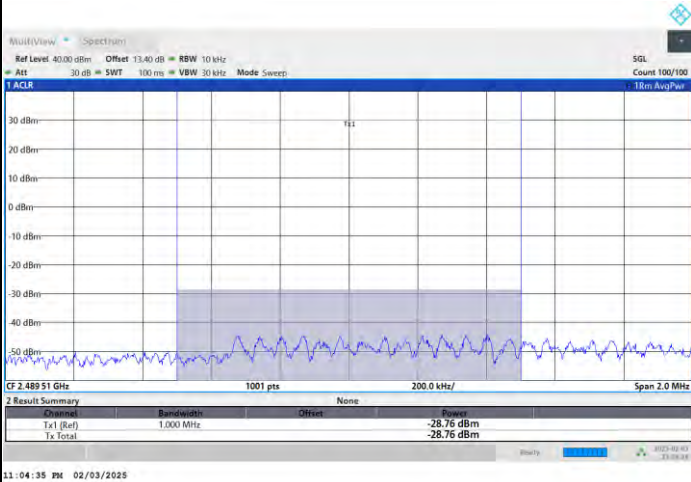
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

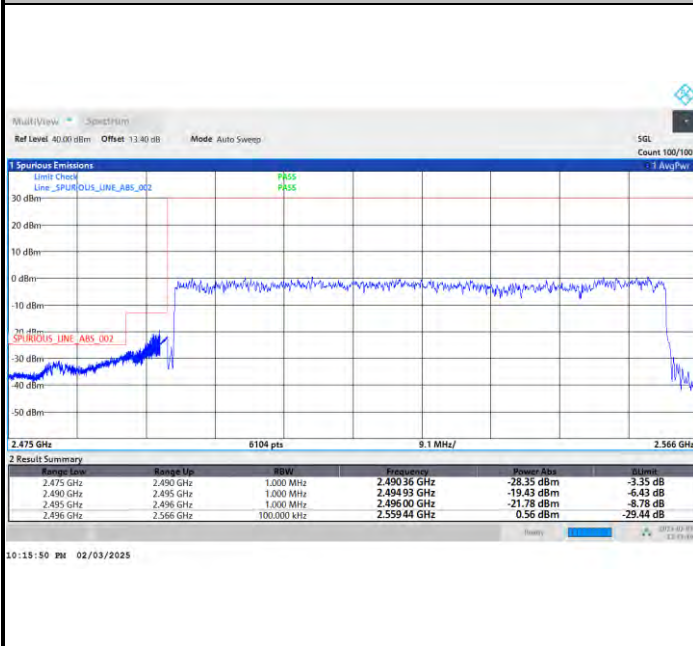
Channel power -25dBm > -28.76dBm (PASS)





Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

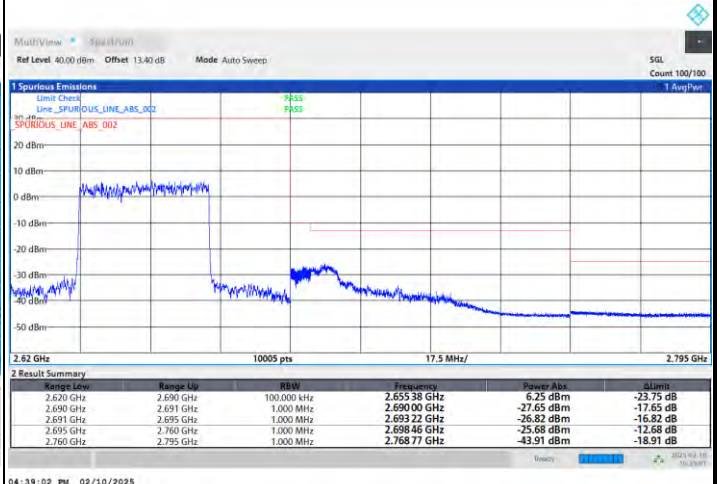
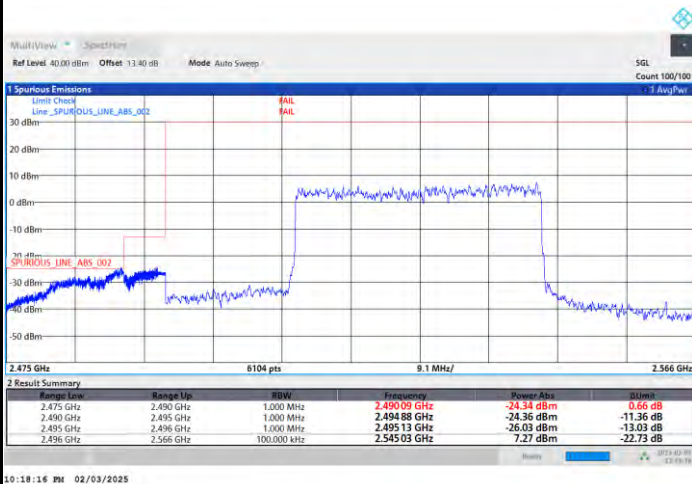




FR1 n41 / 70MHz / DFT-S OFDM / QPSK

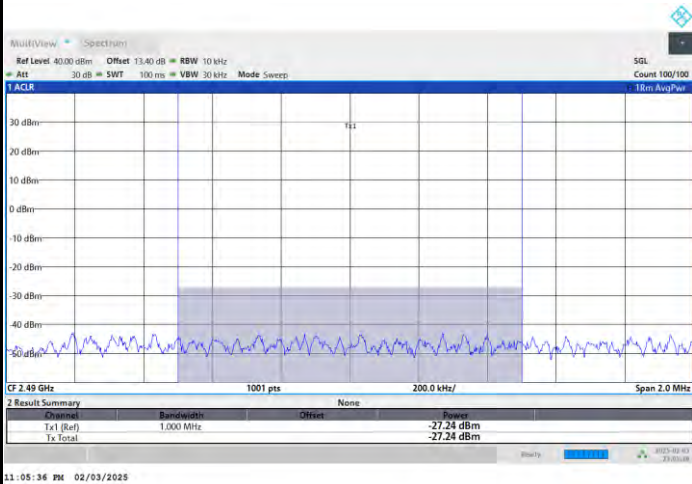
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

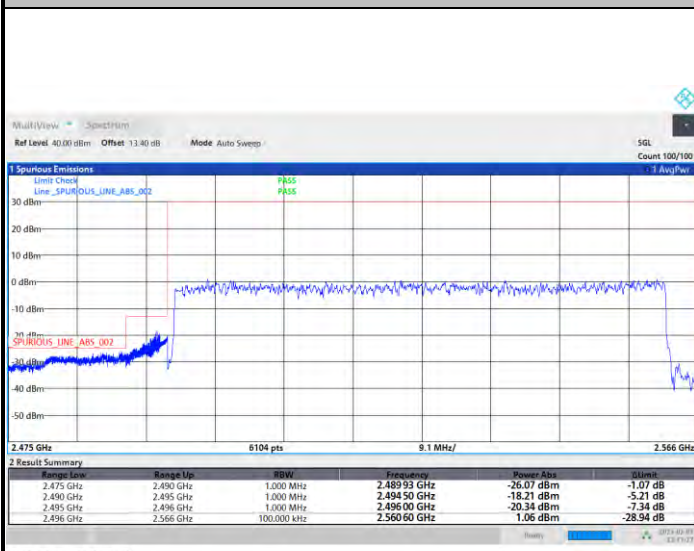
Channel power -25dBm > -27.24dBm (PASS)





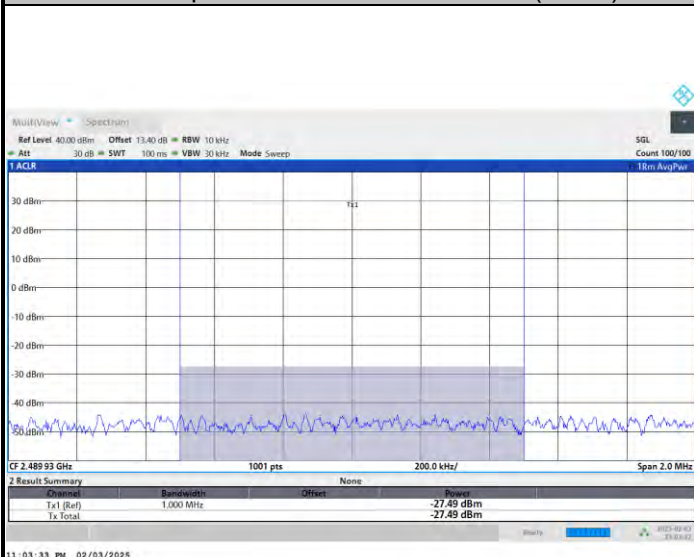
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -27.49dBm (PASS)

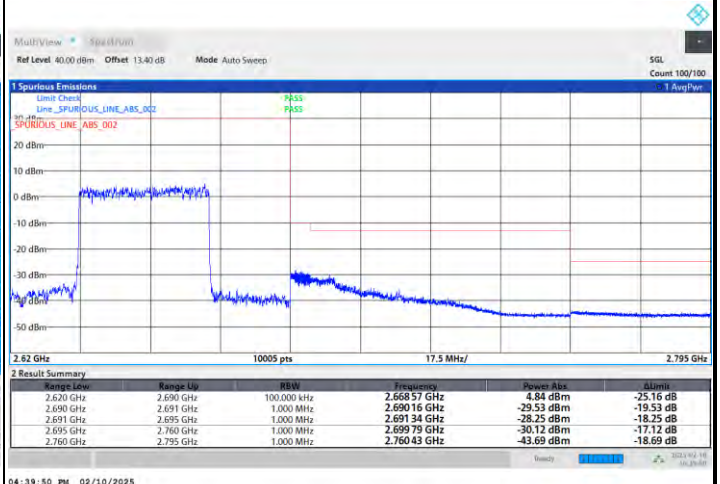
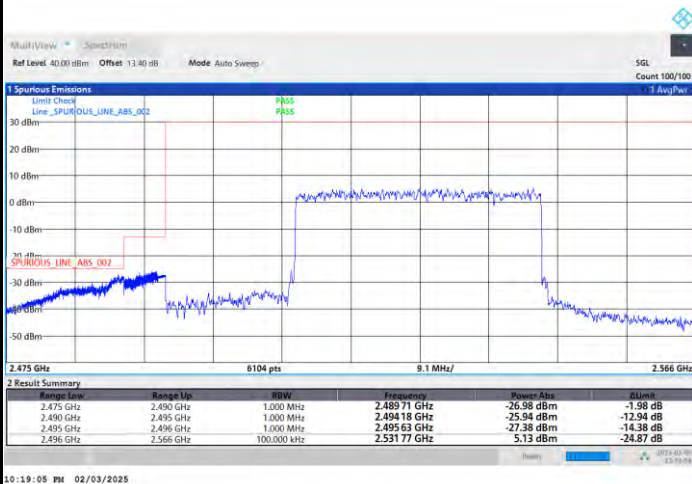




FR1 n41 / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

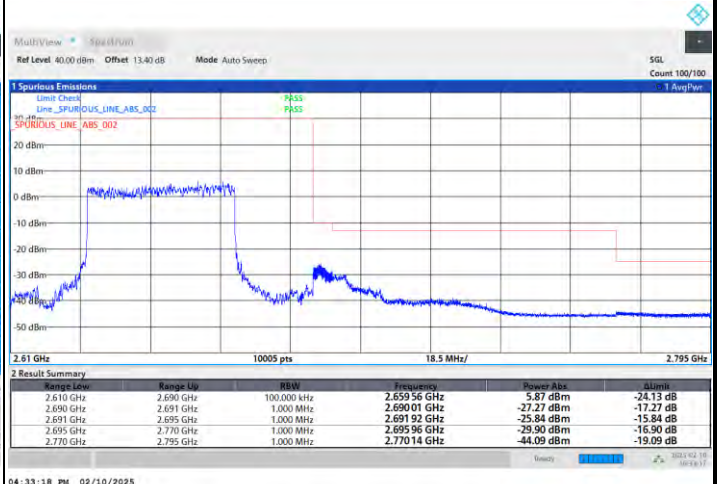
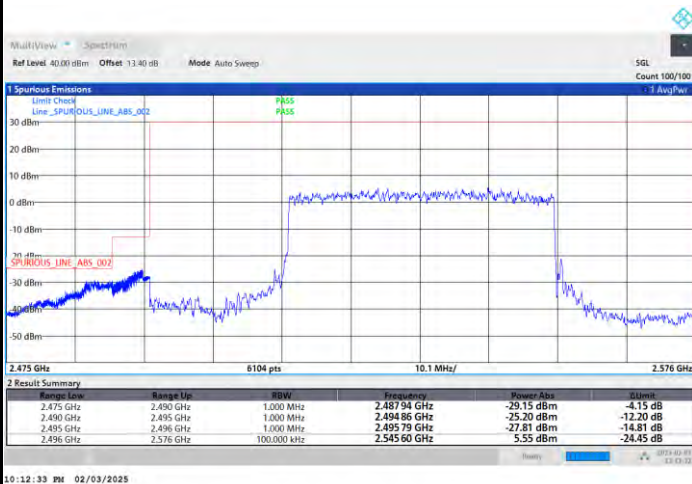




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

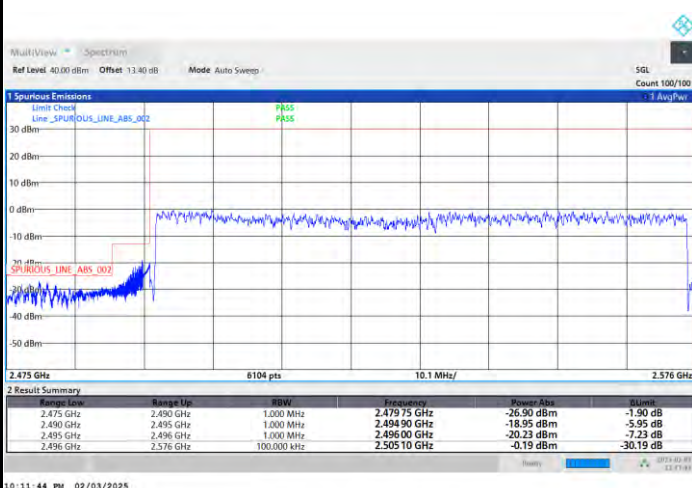
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

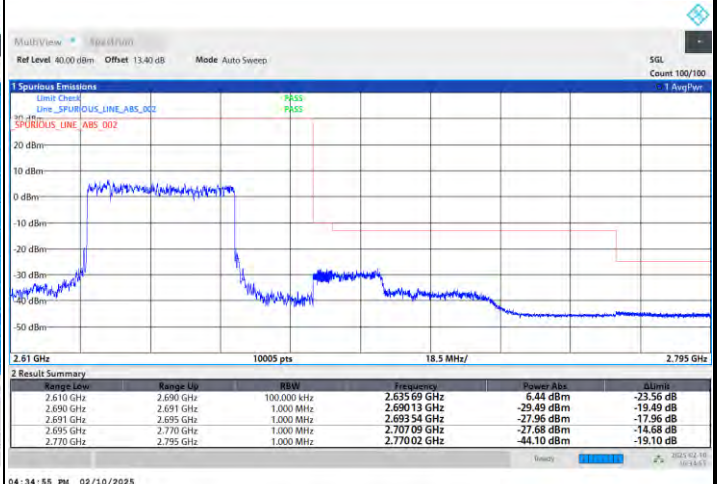
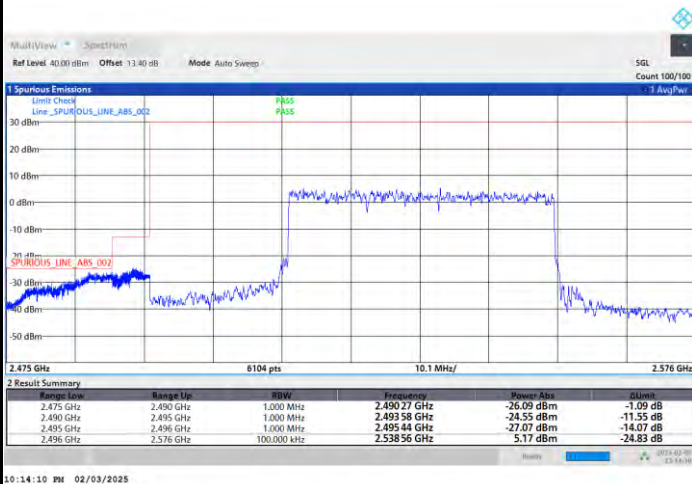




FR1 n41 / 80MHz / DFT-S OFDM / QPSK

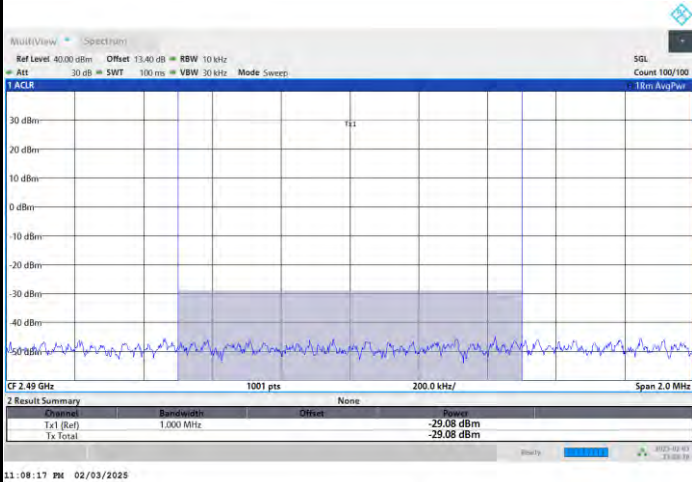
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

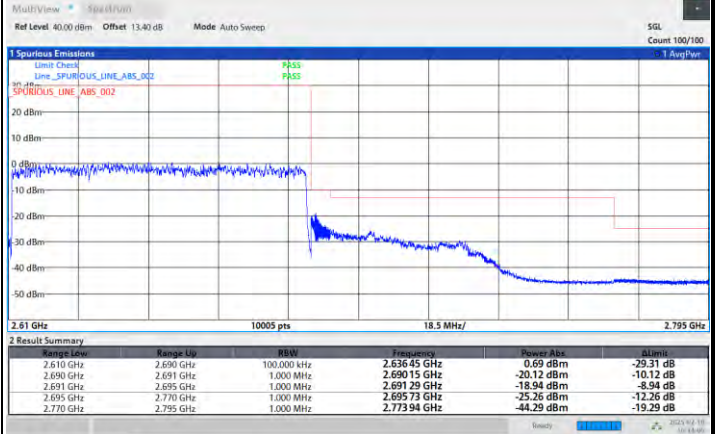
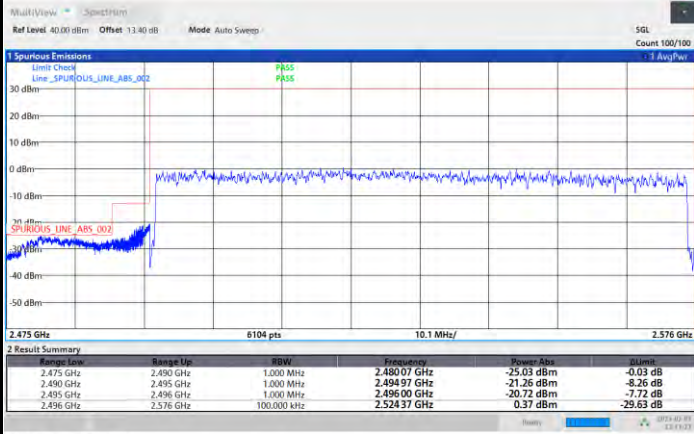
Channel power -25dBm > -29.08dBm (PASS)





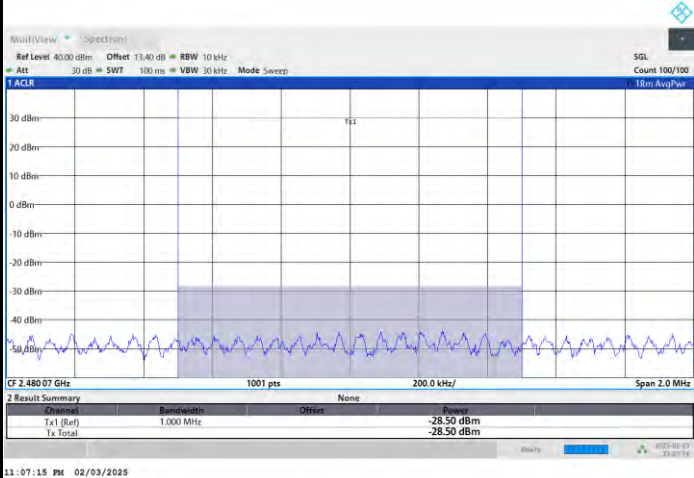
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -28.50dBm (PASS)

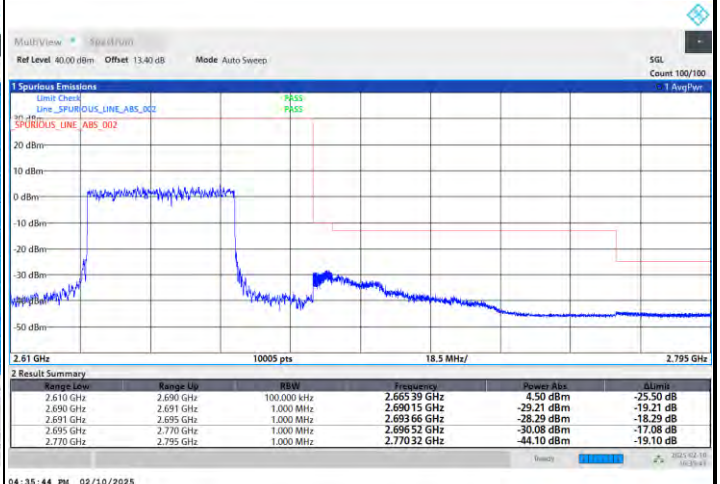
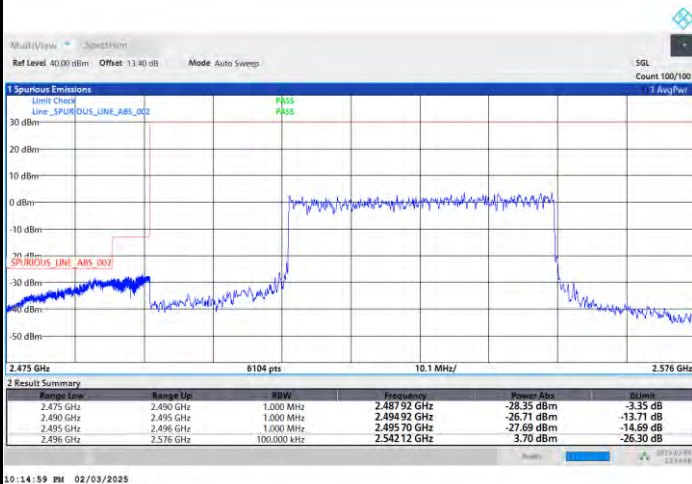




FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

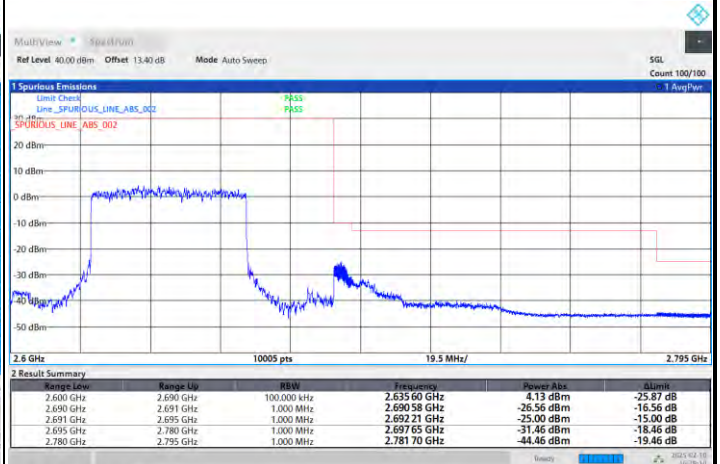
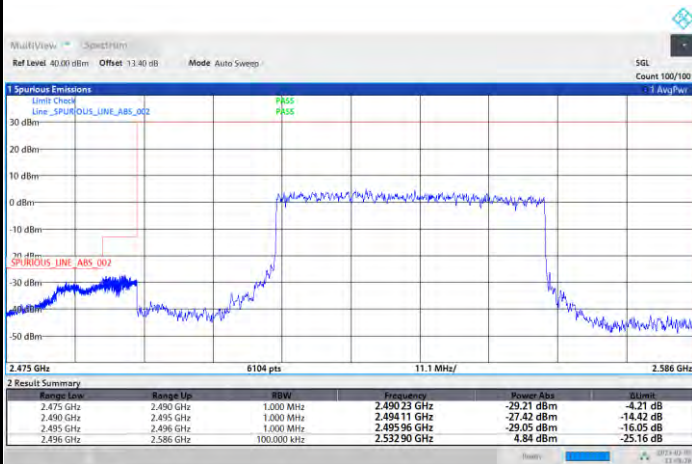




FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

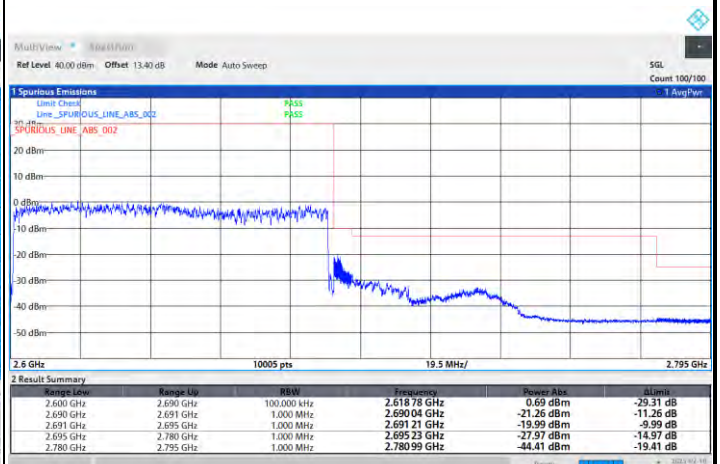
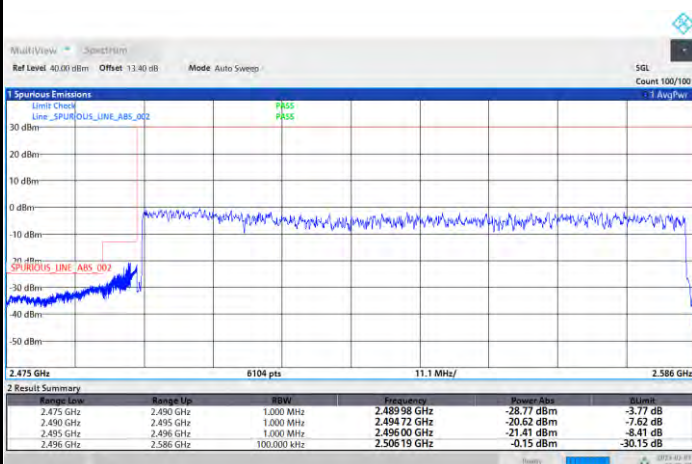
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

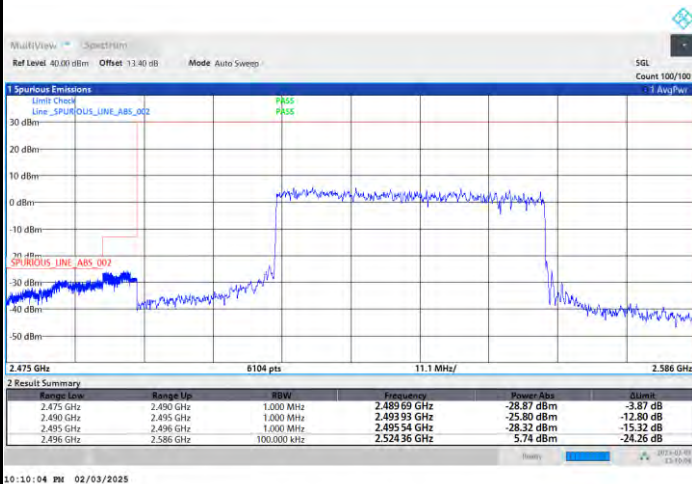




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

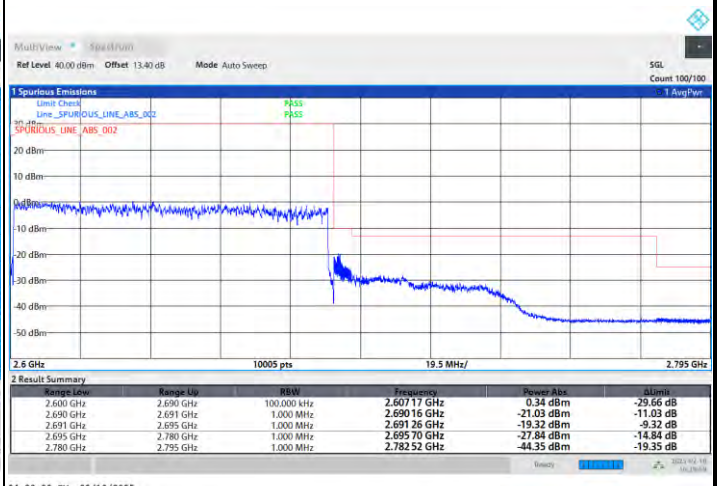
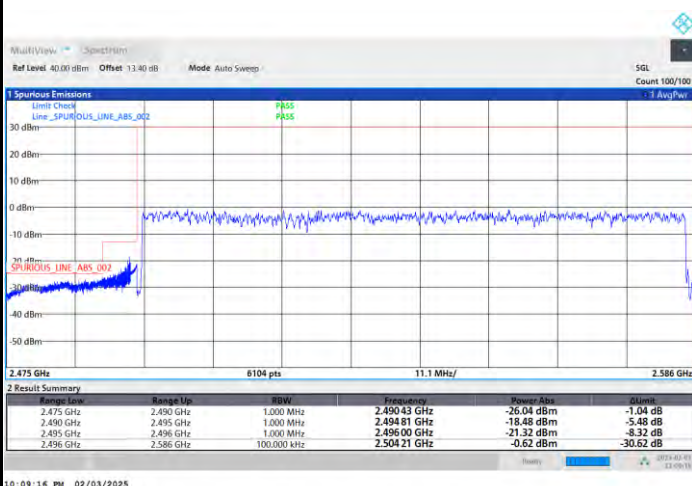
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





Lowest Channel Outer Full RB
Channel power -25dBm > -28.35dBm (PASS)

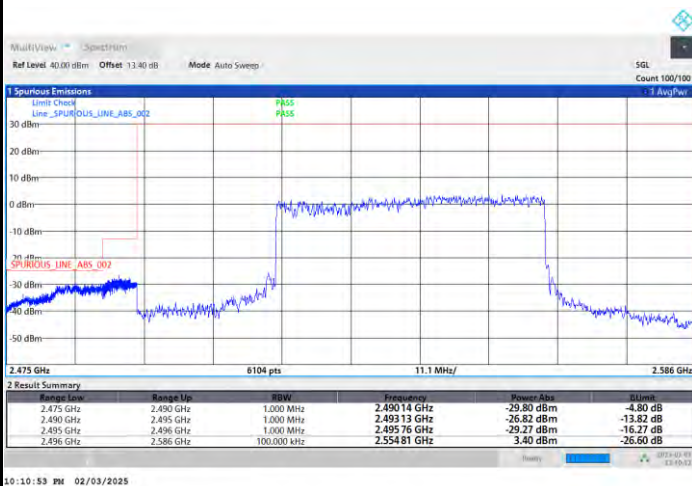




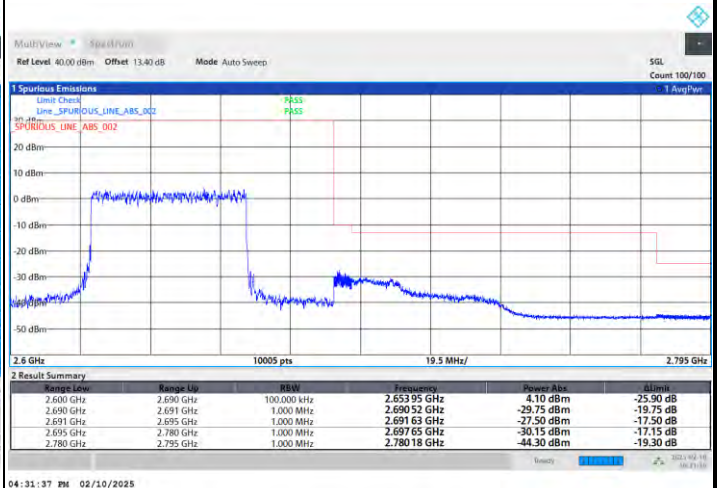
Report No. : FG4N0918C

FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB



Highest Band Edge / Inner Full RB

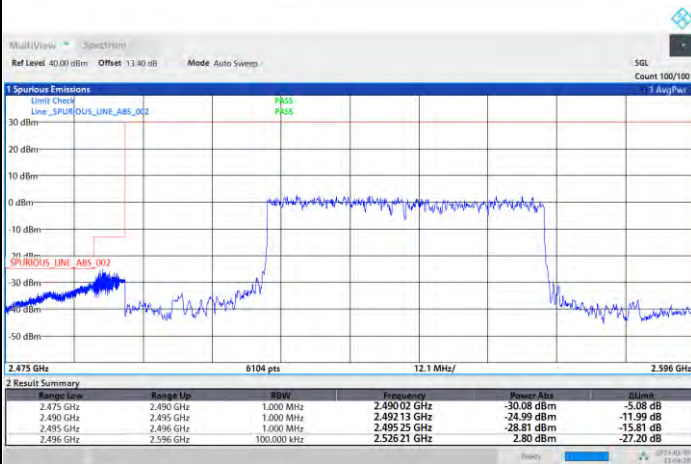




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

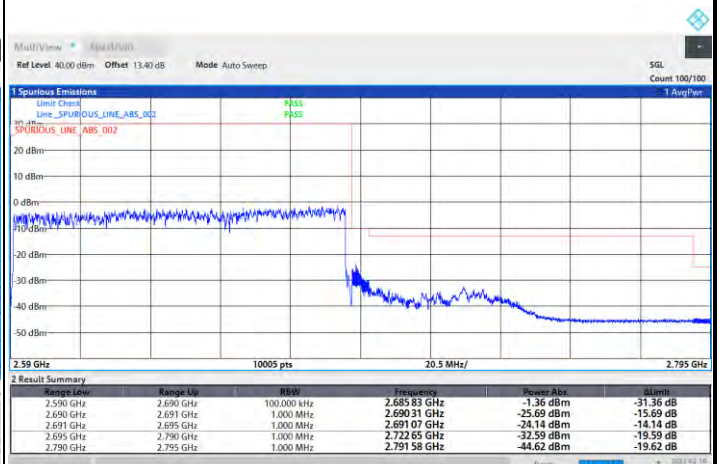
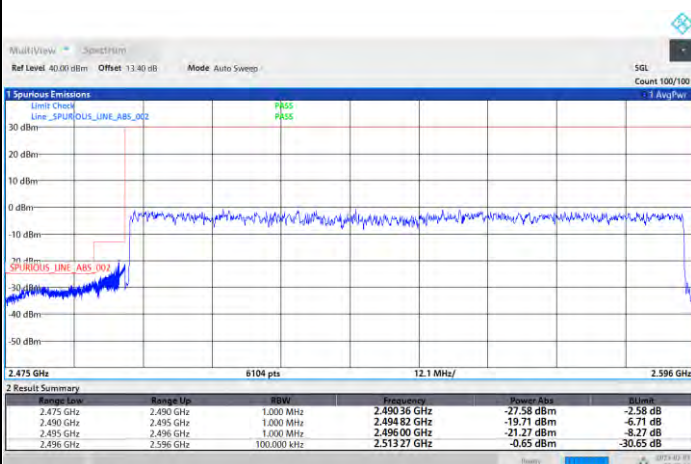
Lowest Band Edge / Inner Full RB

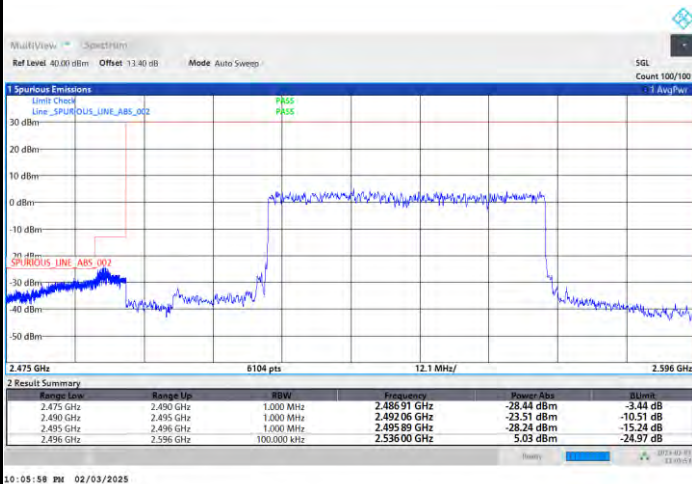
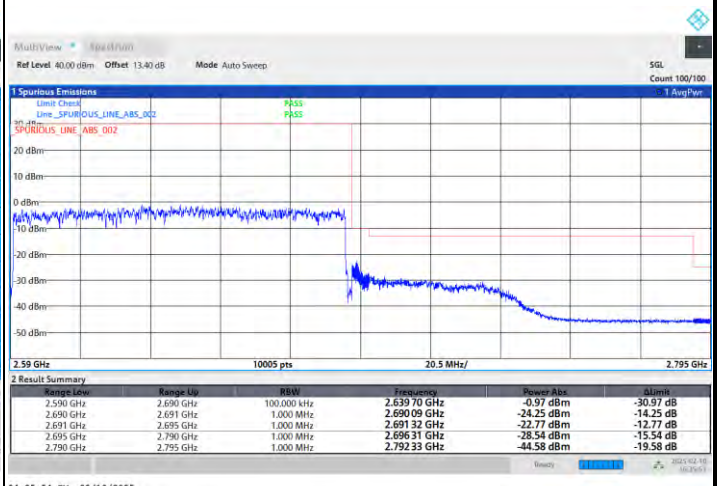
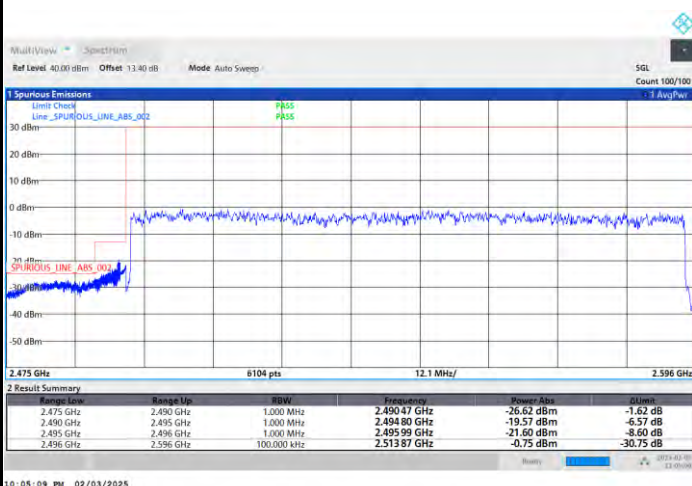
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



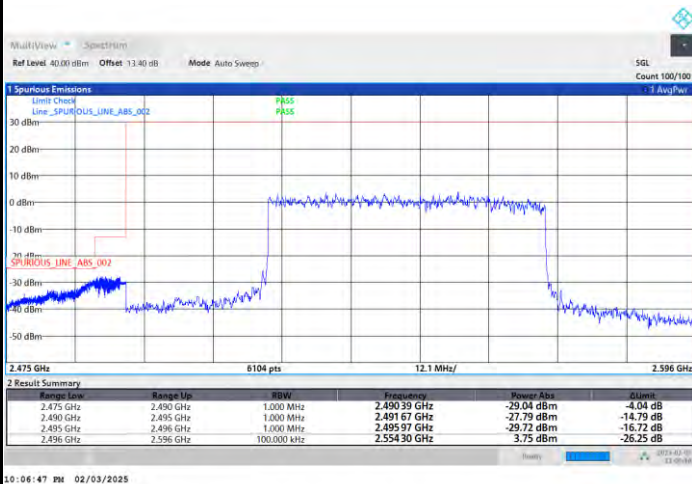
**FR1 n41 / 100MHz / DFT-S OFDM / QPSK****Lowest Band Edge / Inner Full RB****Highest Band Edge / Inner Full RB****Lowest Band Edge / Outer Full RB****Highest Band Edge / Outer Full RB**



FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB





Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

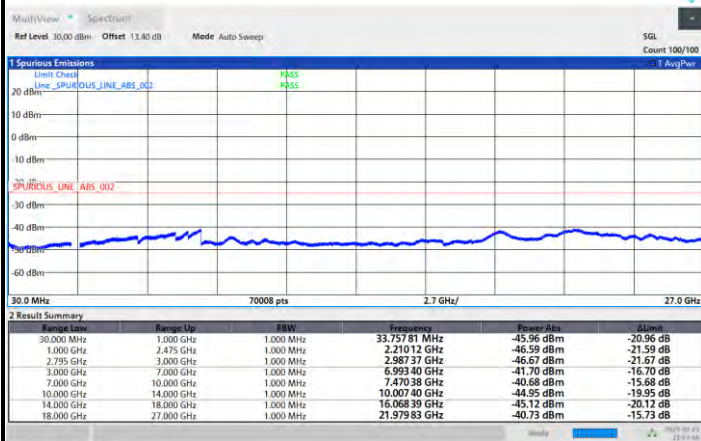
Lowest Channel



Middle Channel



Highest Channel



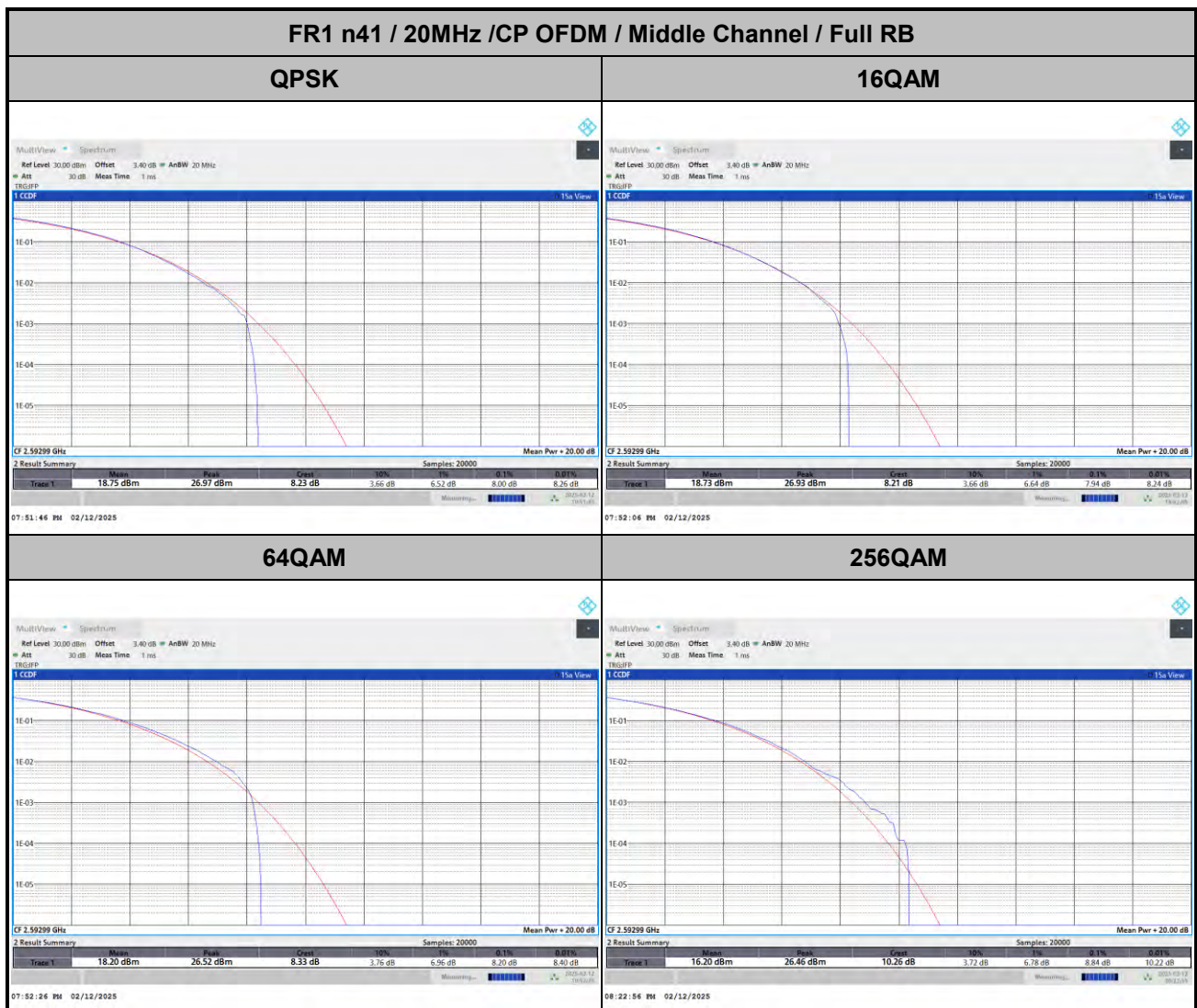


<MIMO Mode>

MIMO <Ant. 2+1> (Ant. 2)

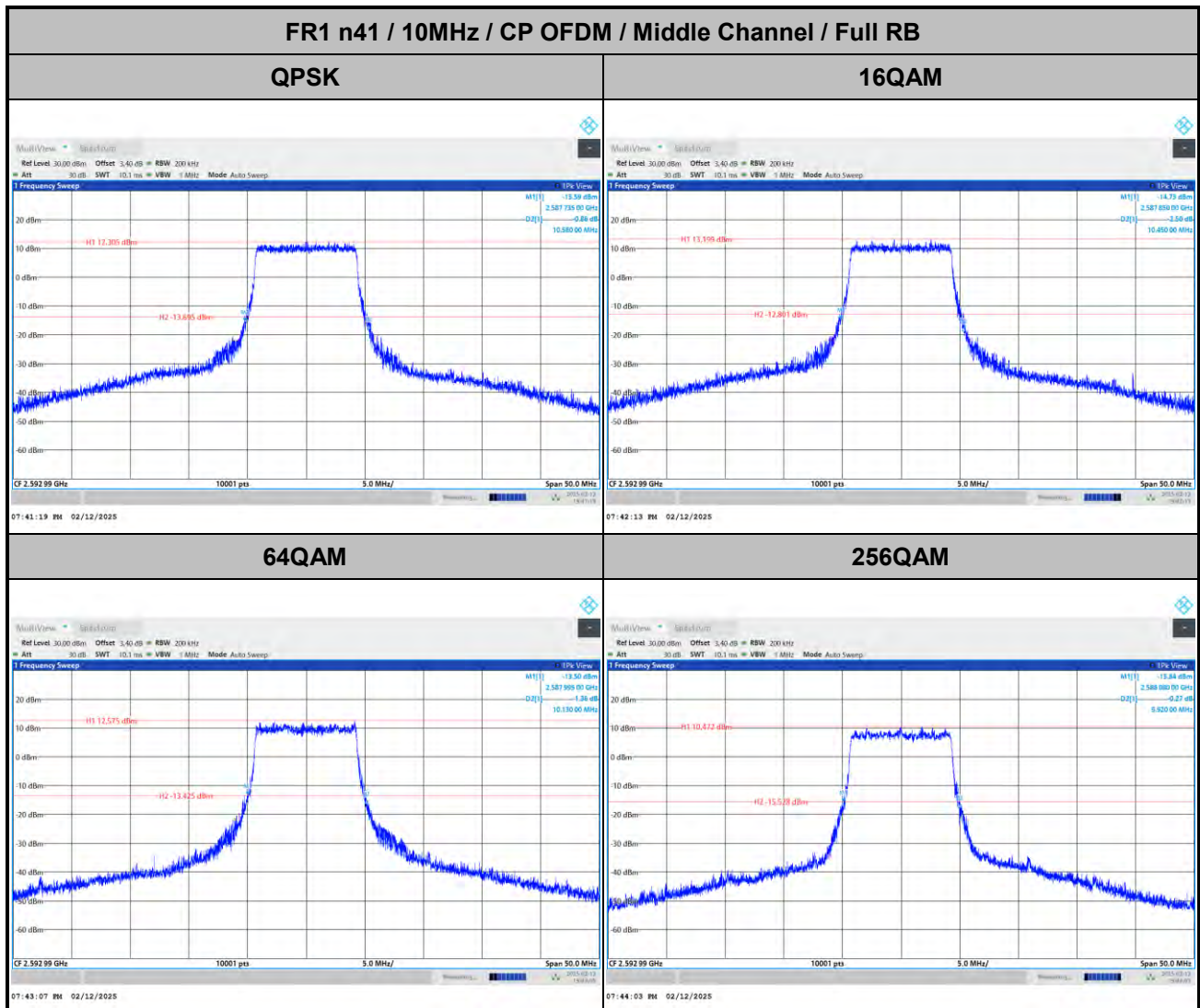
Peak-to-Average Ratio

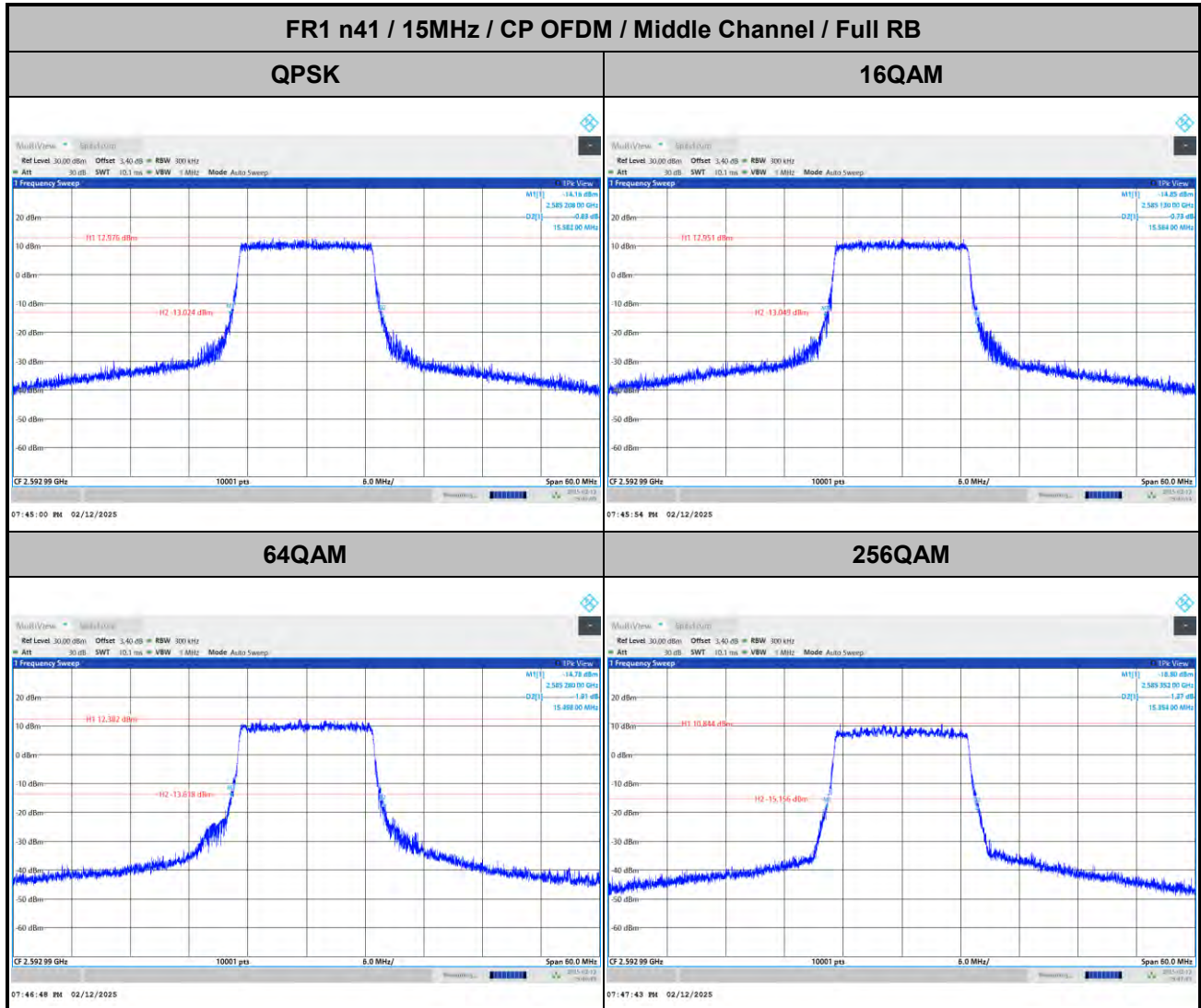
Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.00	7.94	8.20	8.84	PASS



**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.58	10.45	15.58	15.56	20.65	20.69	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.13	9.92	15.49	15.35	20.47	20.25	-	-
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	31.13	30.96	42.66	42.75	52.52	52.53	66.97	67.83
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	31.95	31.04	42.72	41.81	52.42	52.29	66.82	65.97
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	75.82	77.31	84.36	84.36	96.13	96.22	106.67	106.53
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	76.33	76.33	84.93	84.79	96.97	97.46	107.45	106.30

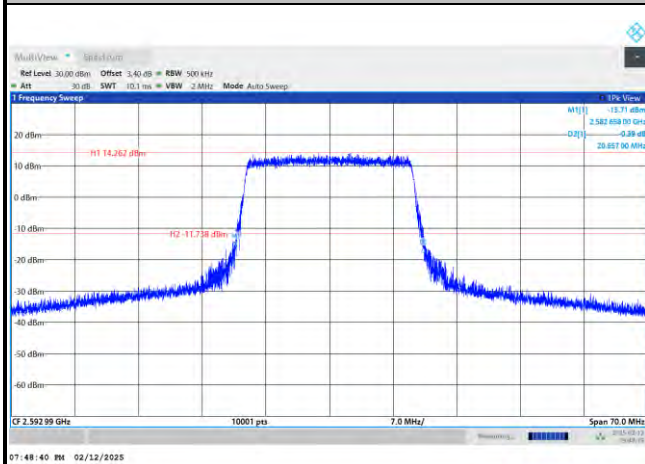




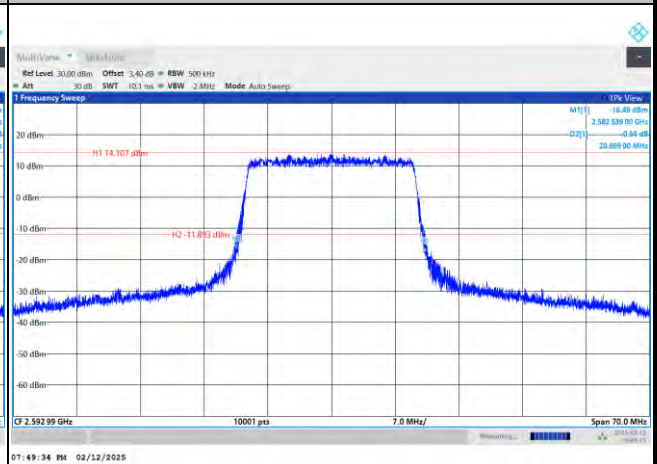


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

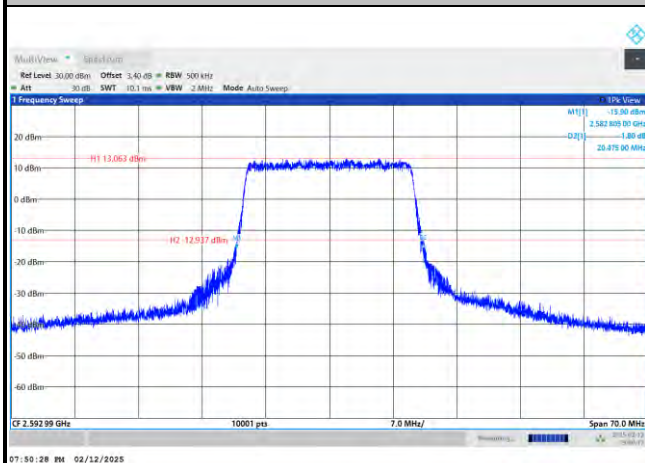
QPSK



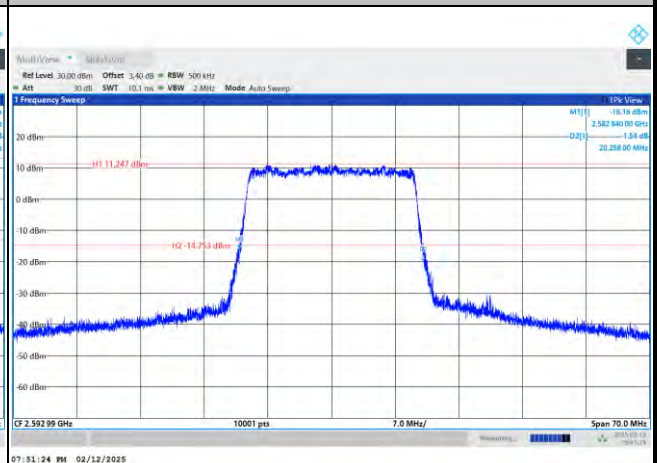
16QAM

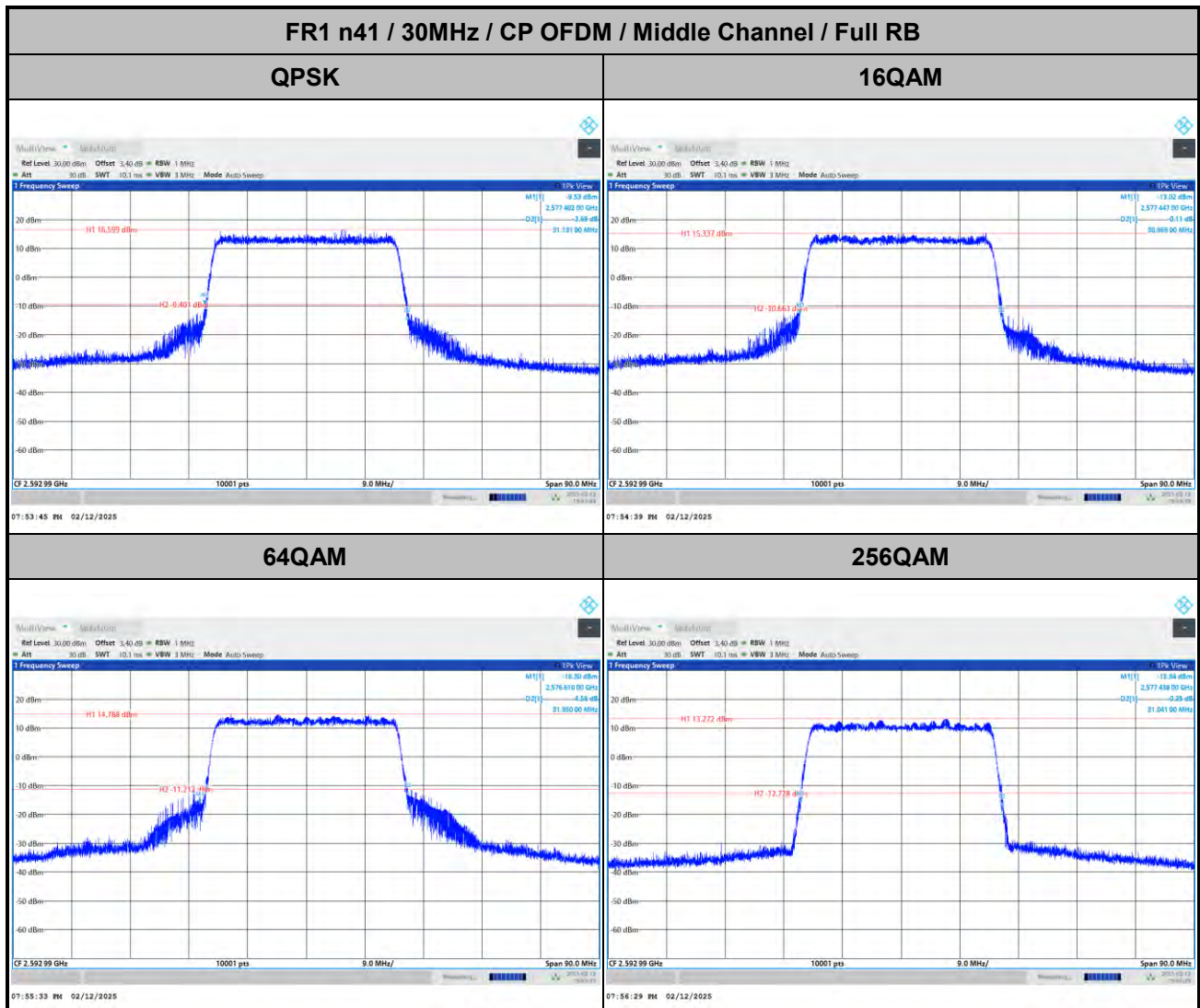


64QAM



256QAM

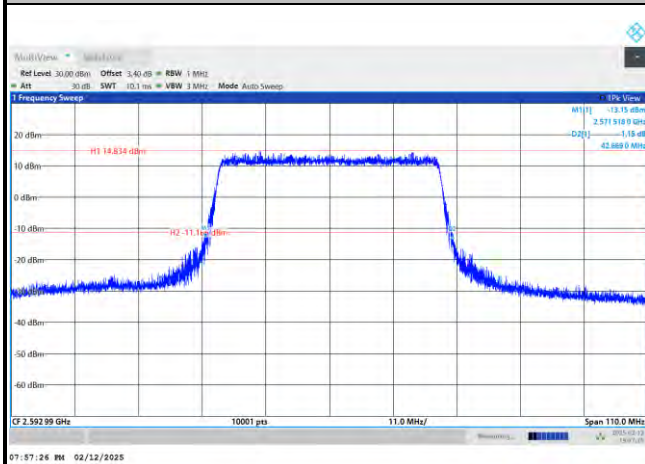




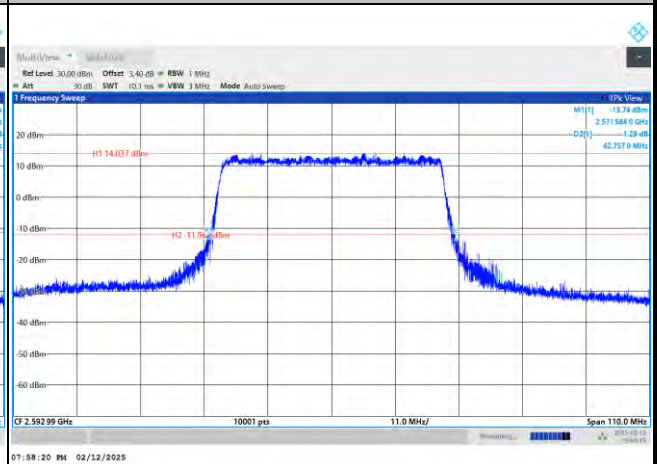


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

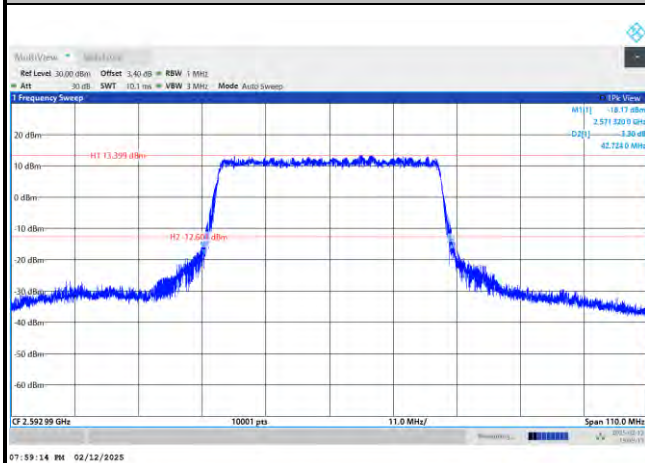
QPSK



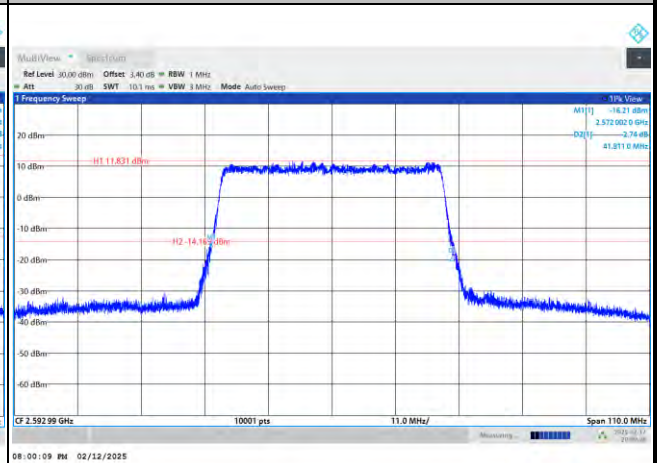
16QAM

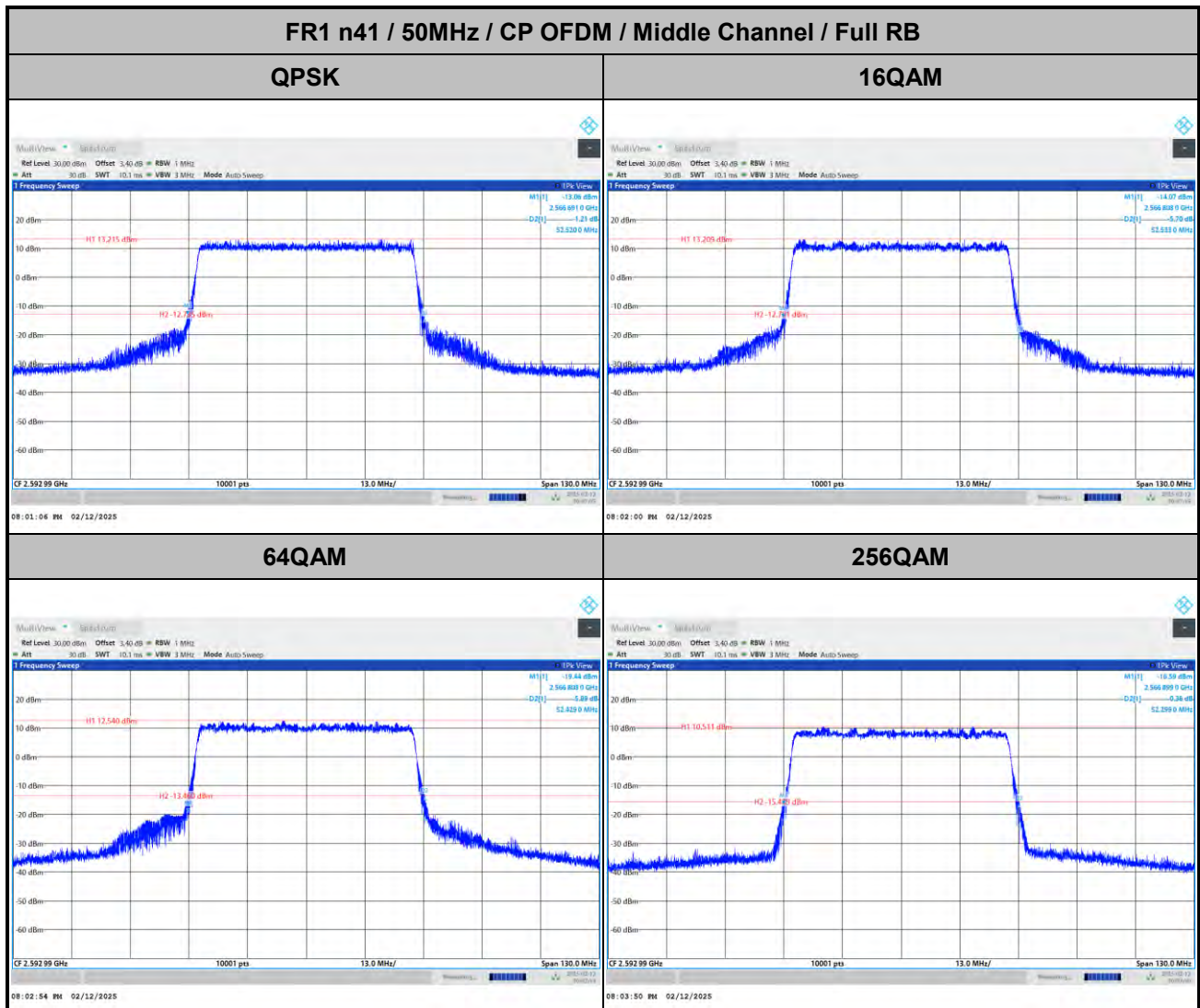


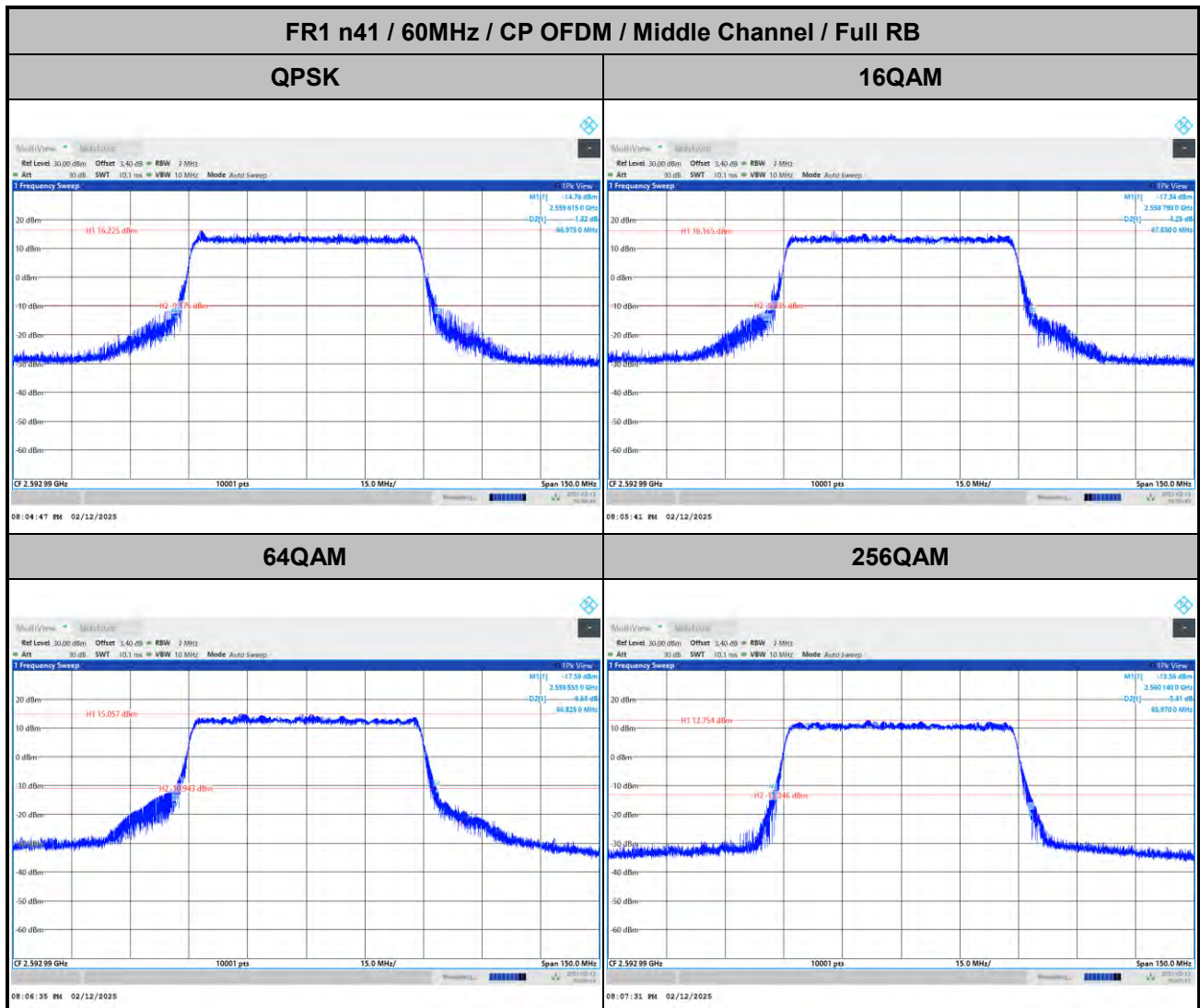
64QAM

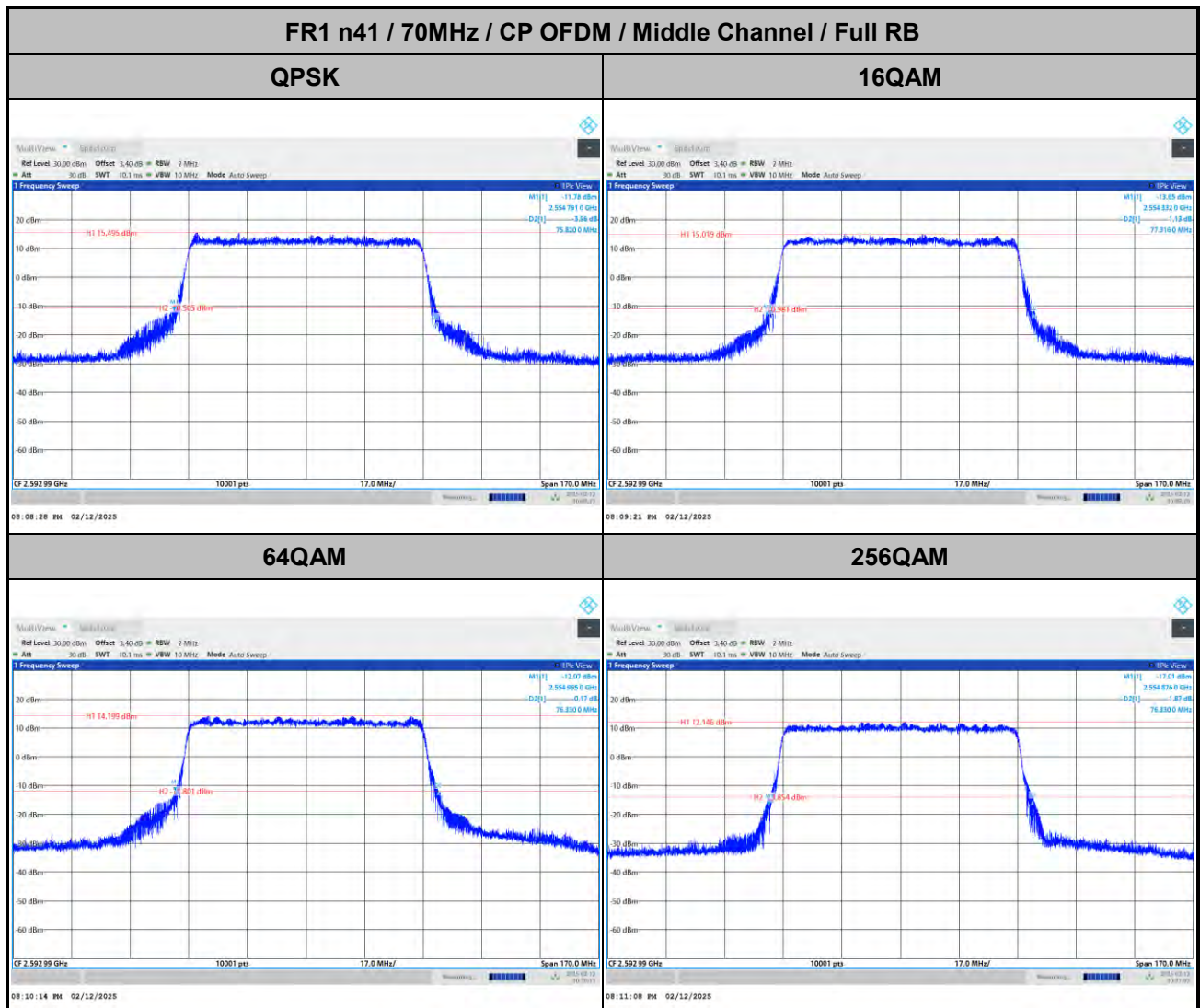


256QAM





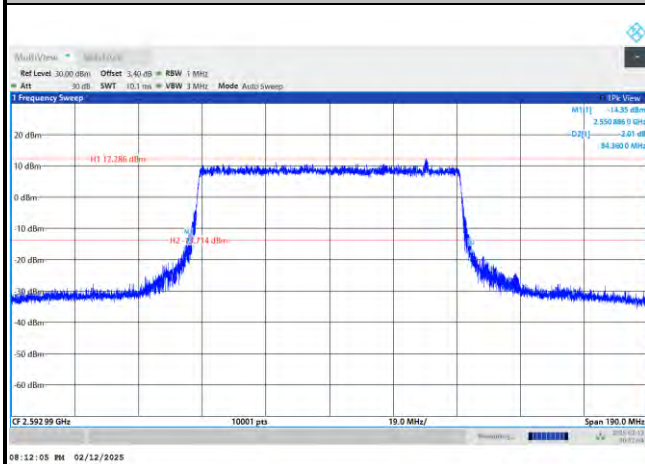




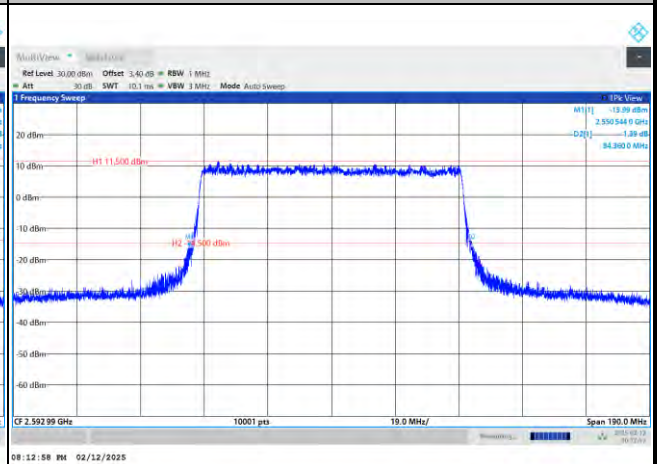


FR1 n41 / 80MHz / CP OFDM / Middle Channel / Full RB

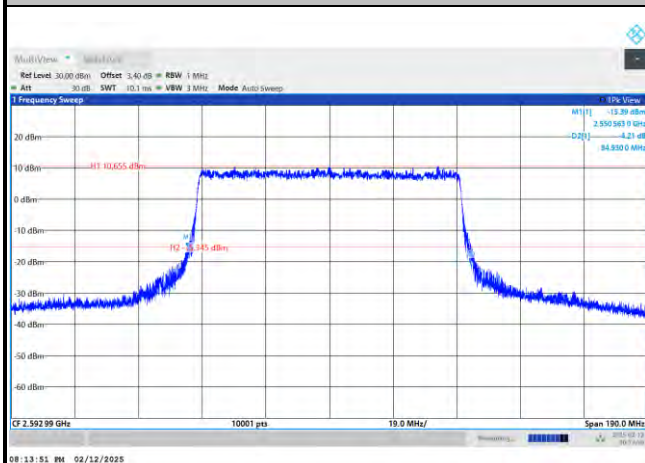
QPSK



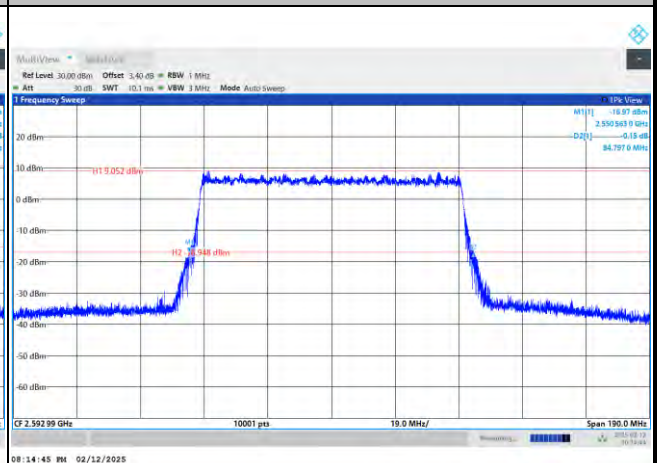
16QAM

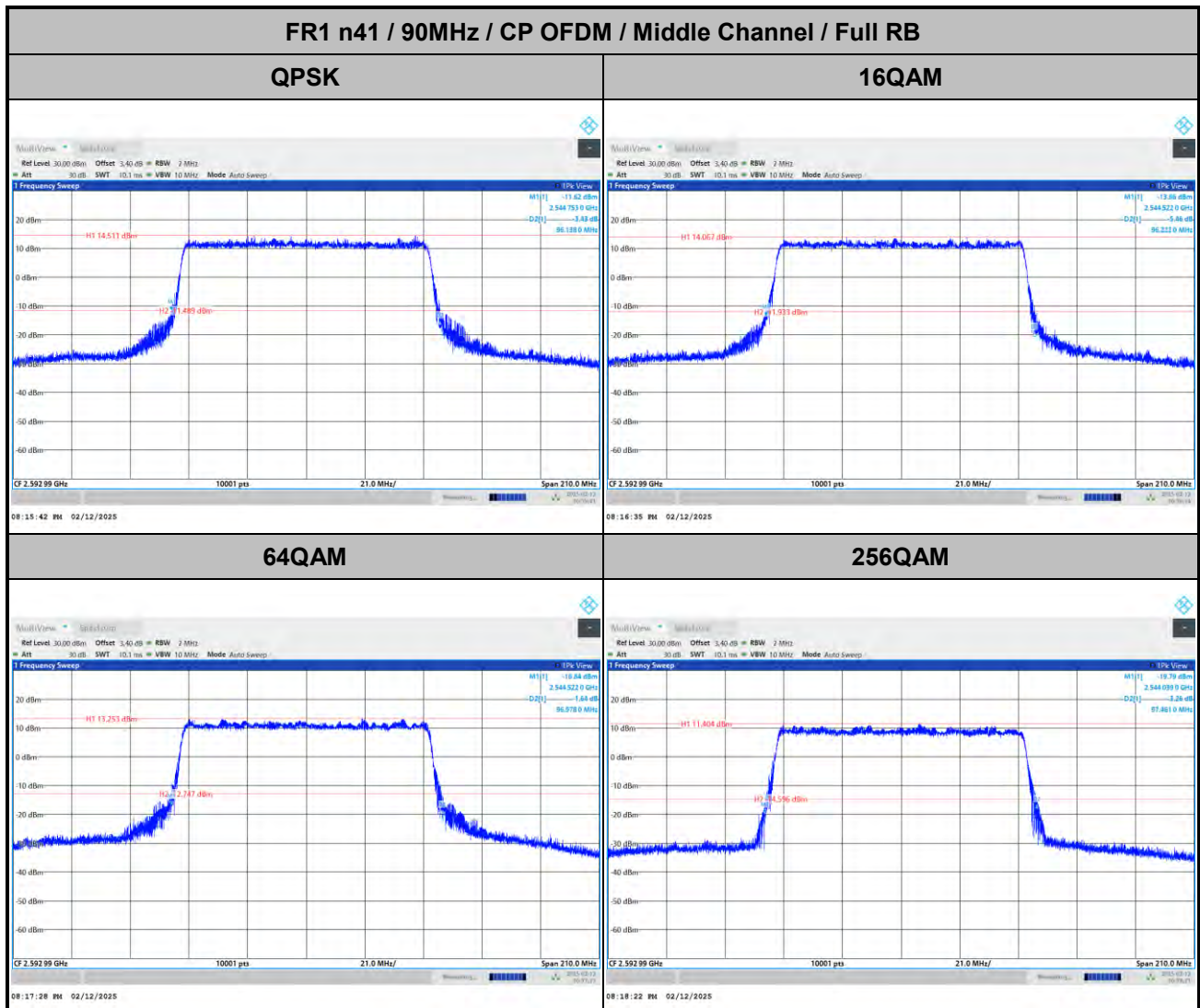


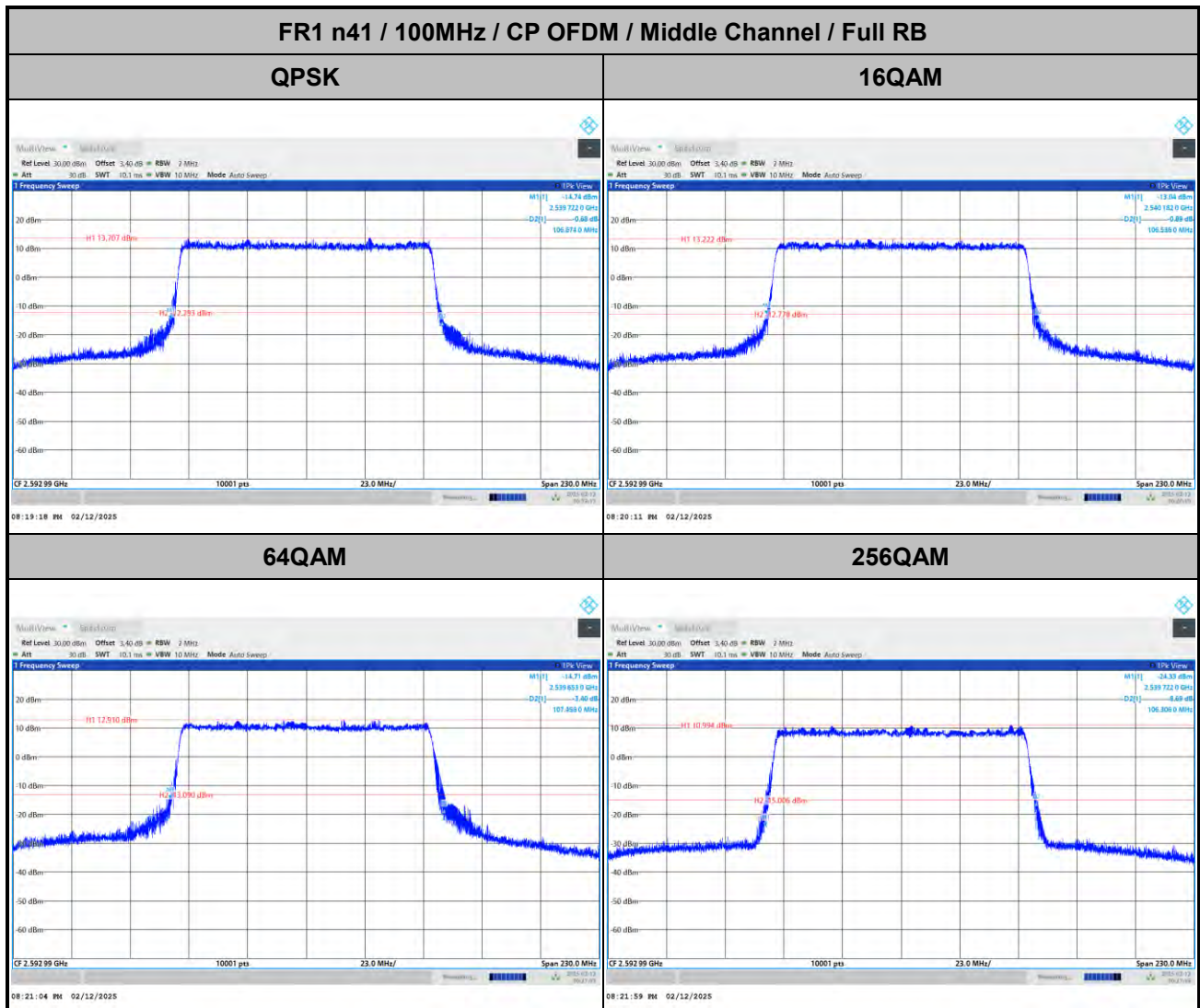
64QAM



256QAM







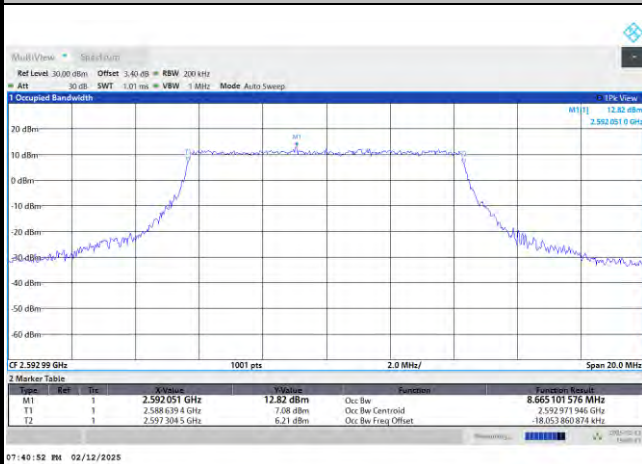
**Occupied Bandwidth**

Mode	FR1 n41 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.66	8.69	13.68	13.65	18.34	18.35	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.65	8.62	13.63	13.61	18.30	18.32	-	-
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.19	28.19	38.18	38.22	47.80	47.74	58.62	58.71
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.15	28.18	38.17	38.13	47.70	47.62	58.74	58.50
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.04	68.23	78.04	77.98	87.87	87.93	98.07	97.80
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	68.31	68.11	78.04	78.07	88.01	88.00	97.92	97.91

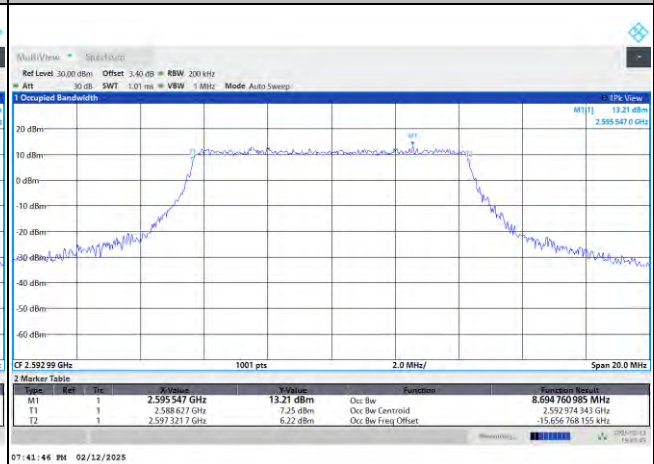


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

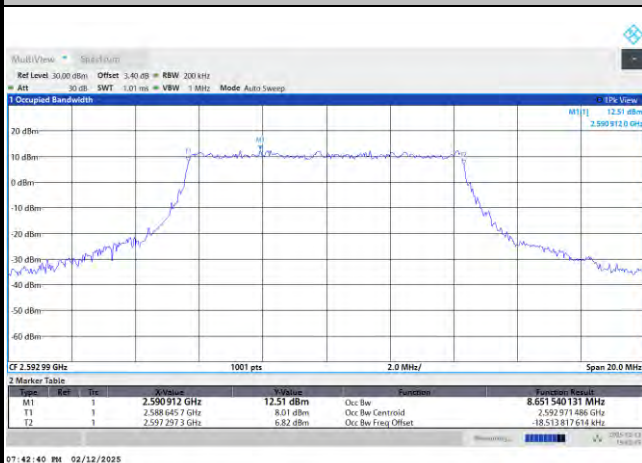
QPSK



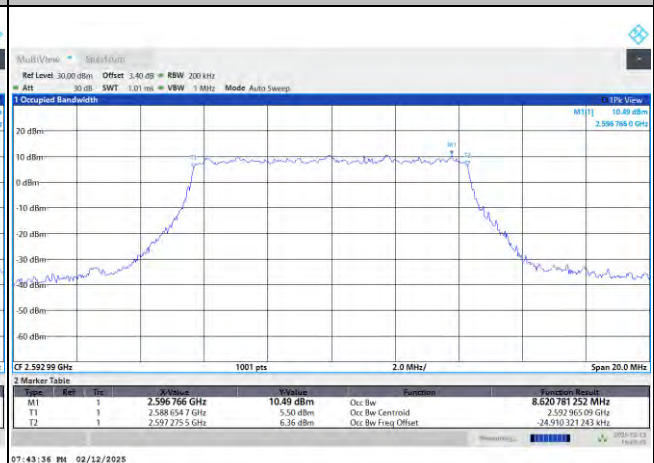
16QAM



64QAM



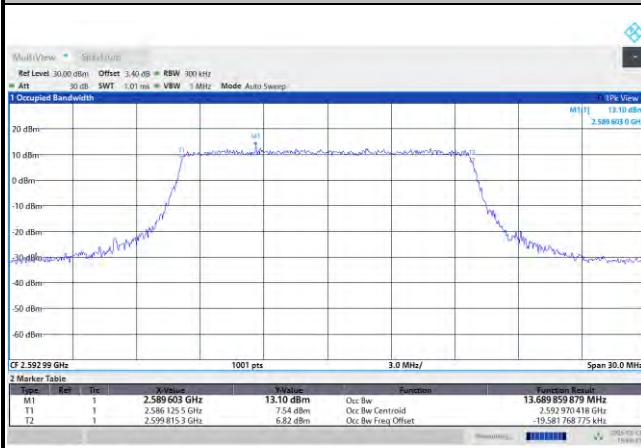
256QAM



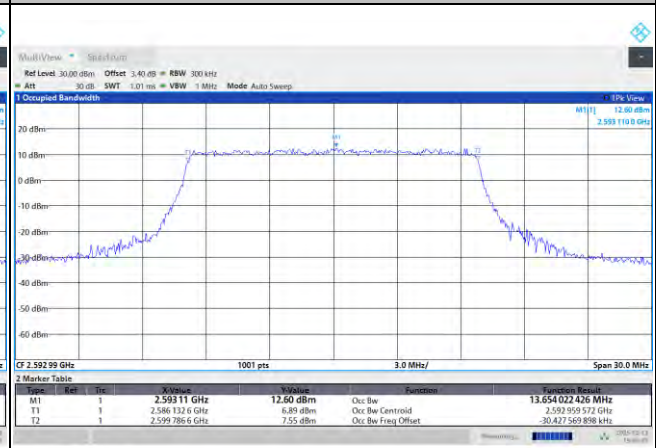


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

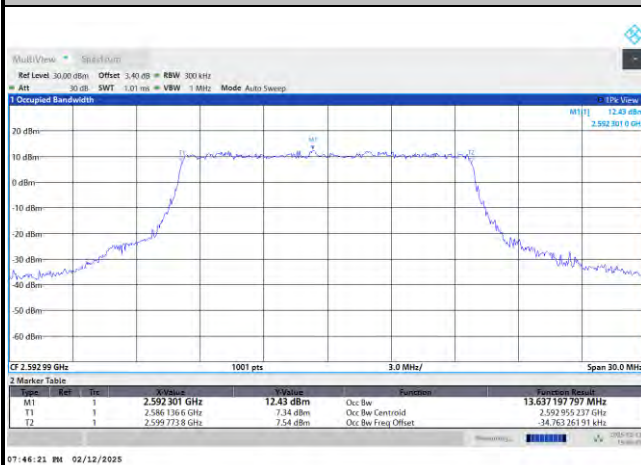
QPSK



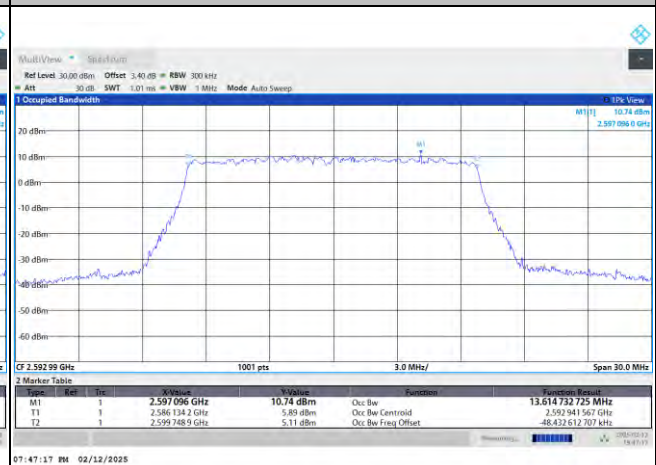
16QAM



64QAM



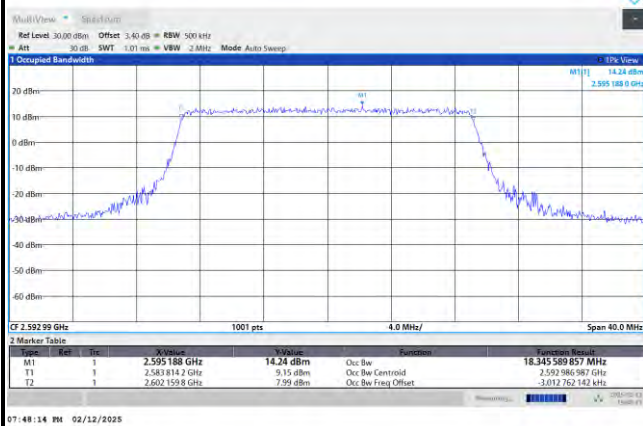
256QAM



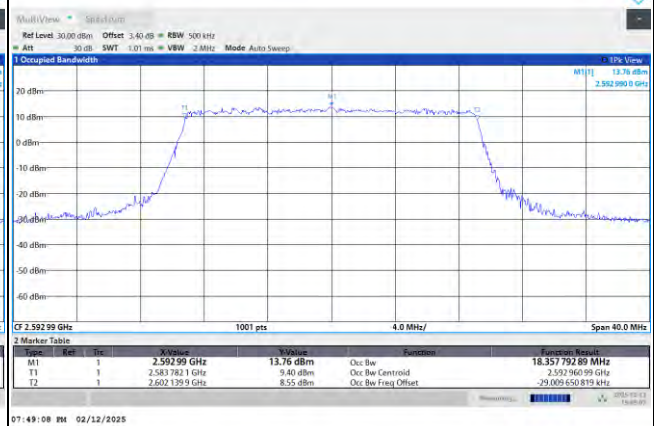


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

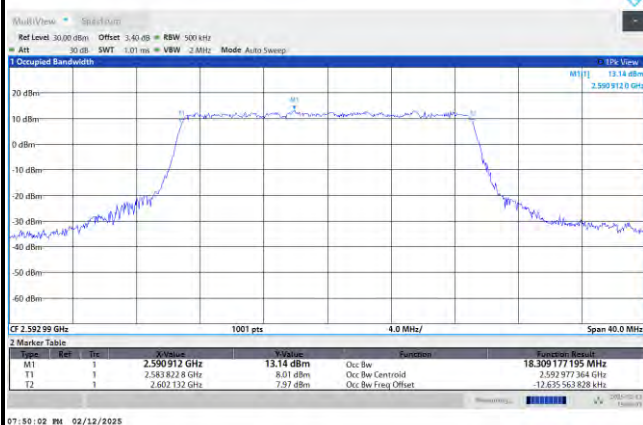
QPSK



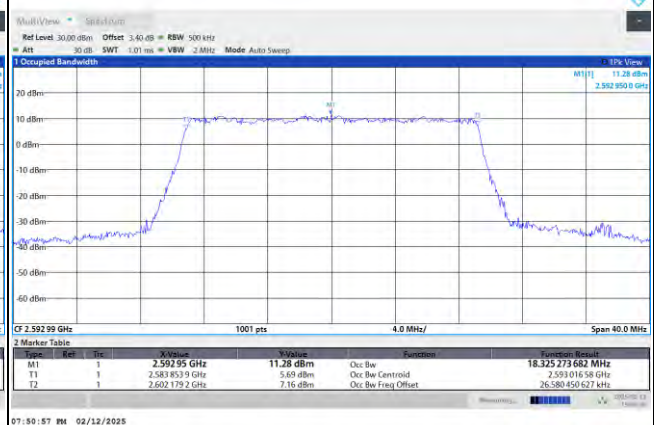
16QAM



64QAM



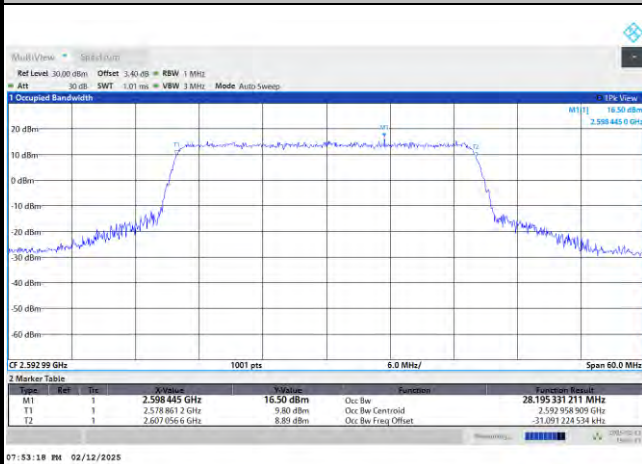
256QAM





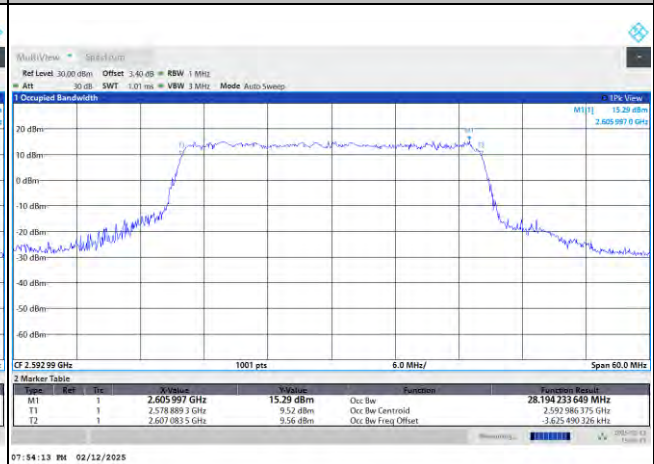
FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



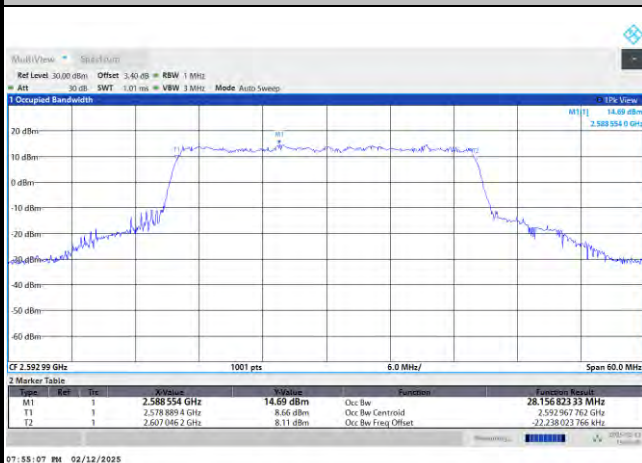
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16QAM



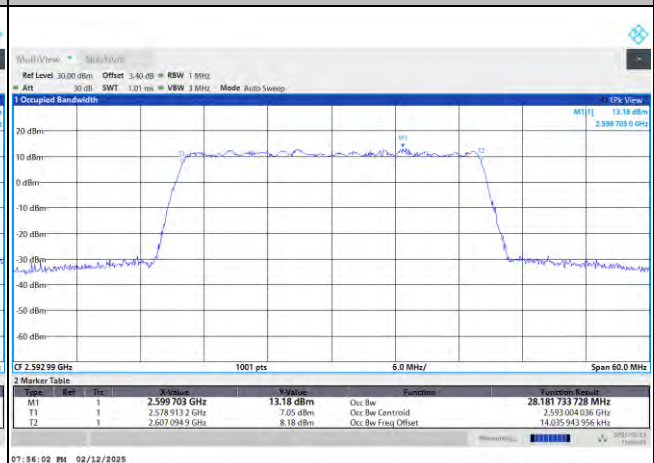
07:54:13 PM 02/12/2025

64QAM



07:55:07 PM 02/12/2025

256QAM

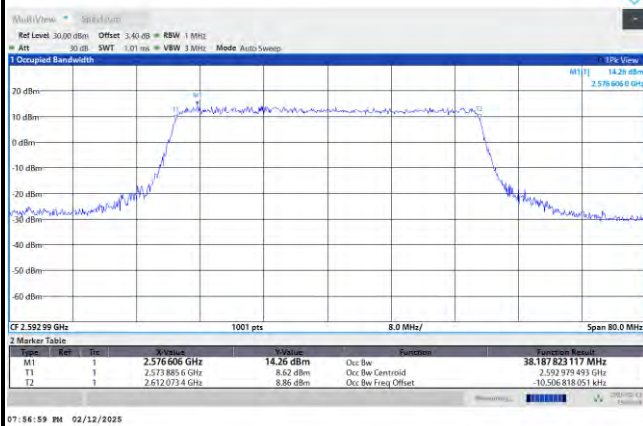


07:56:02 PM 02/12/2025

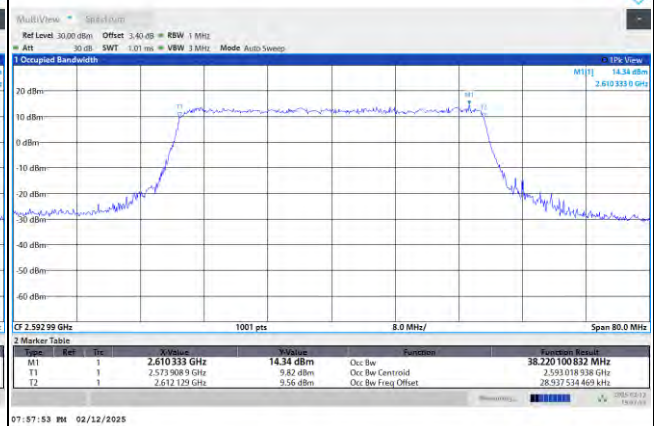


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

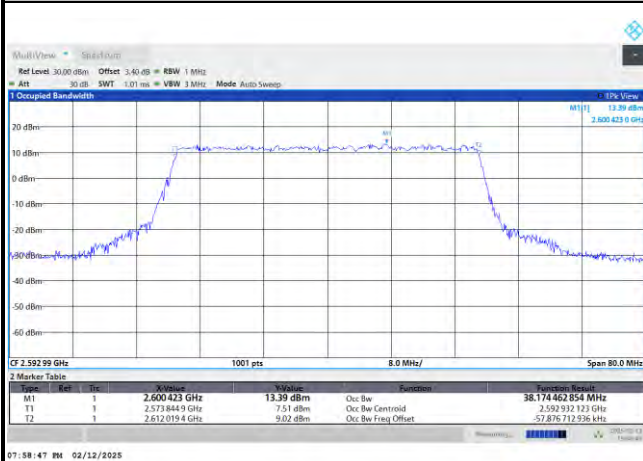
QPSK



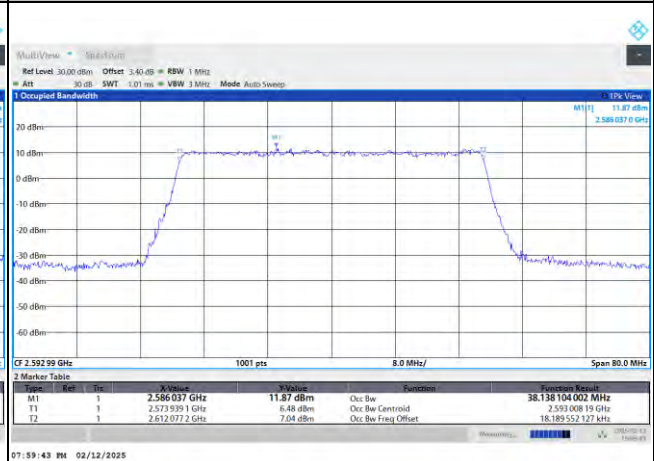
16QAM



64QAM



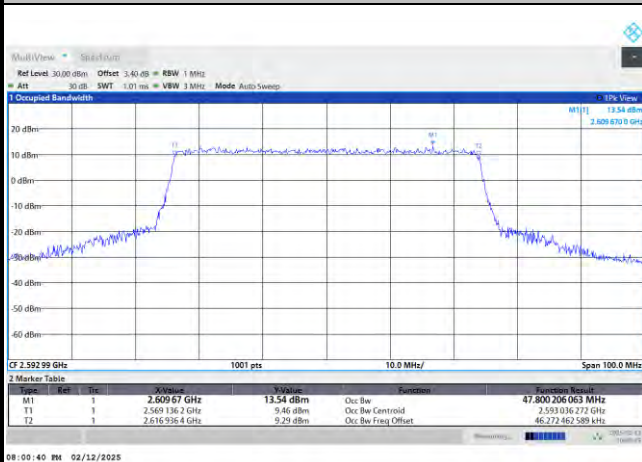
256QAM



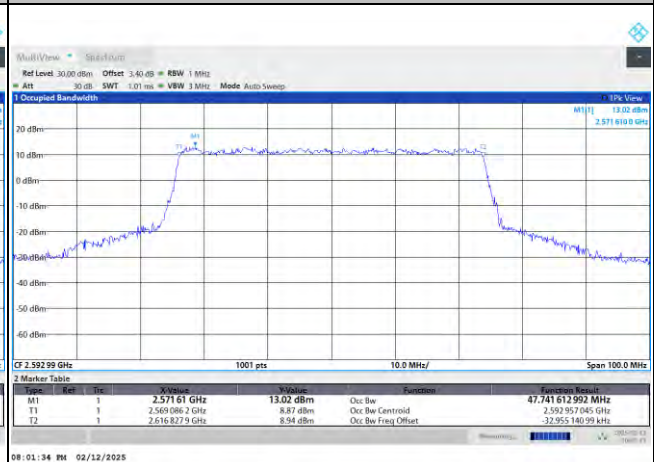


FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

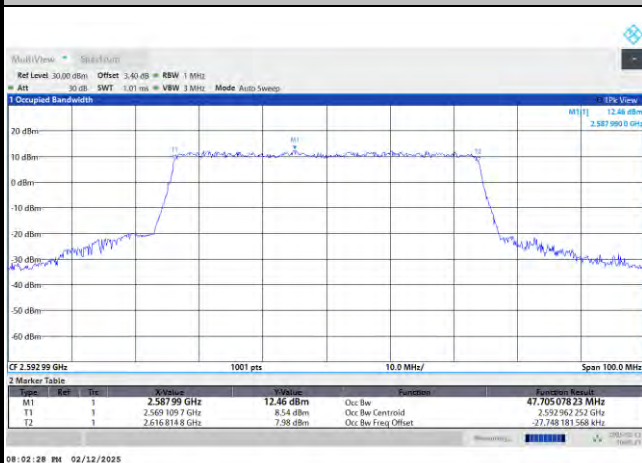
QPSK



16QAM



64QAM



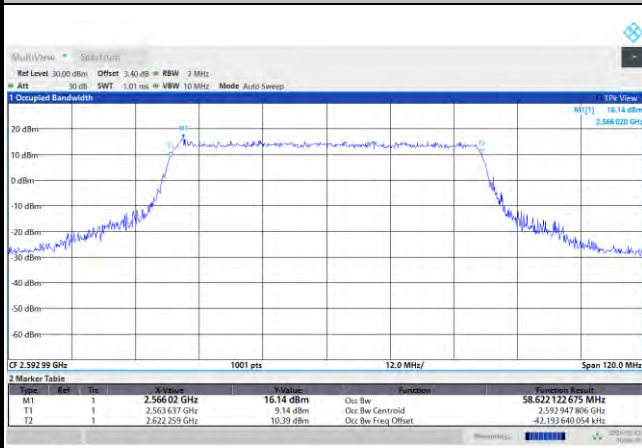
256QAM



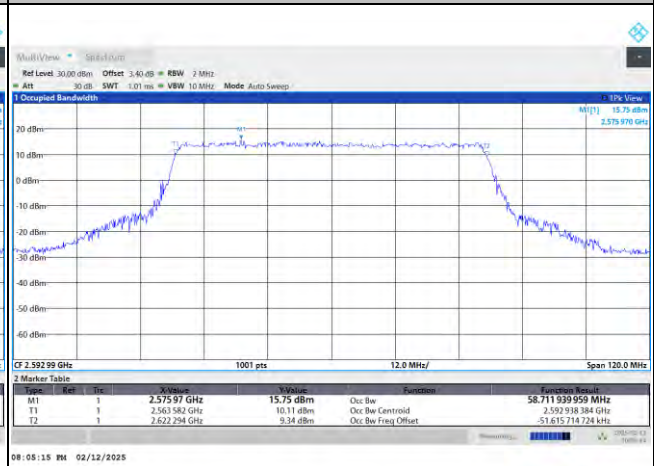


FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB

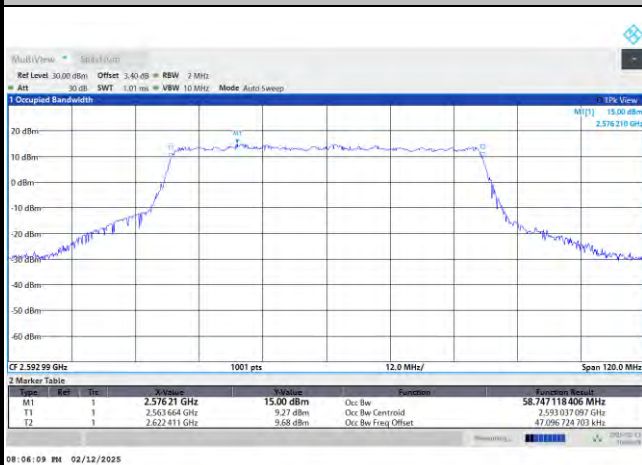
QPSK



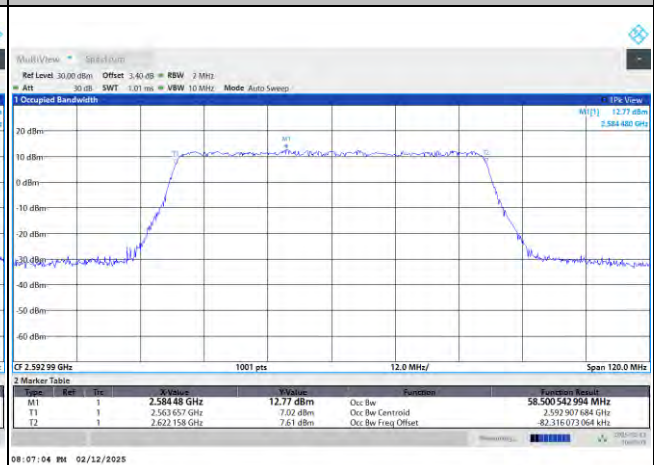
16QAM



64QAM



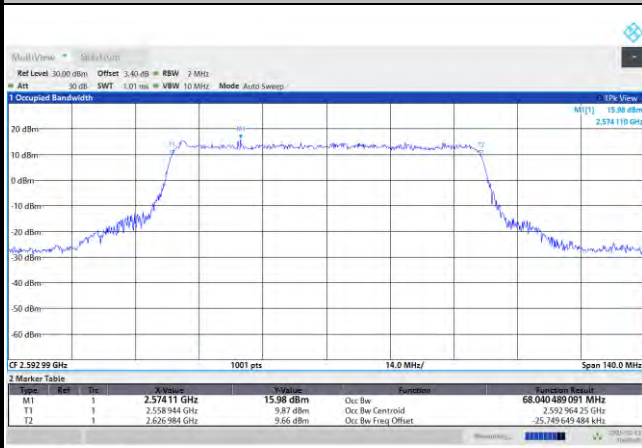
256QAM





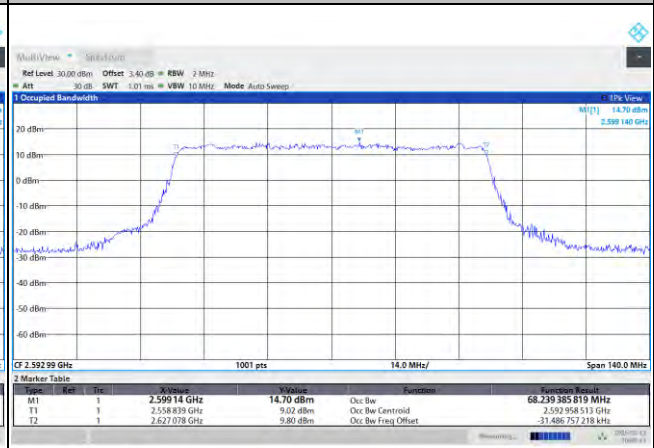
FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB

QPSK



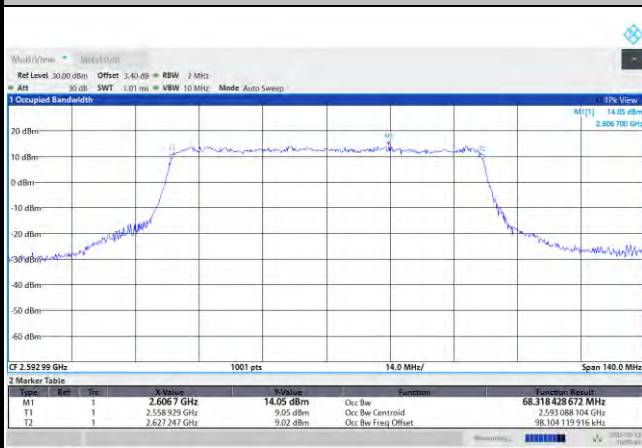
08:08:01 PM 02/12/2025

16QAM



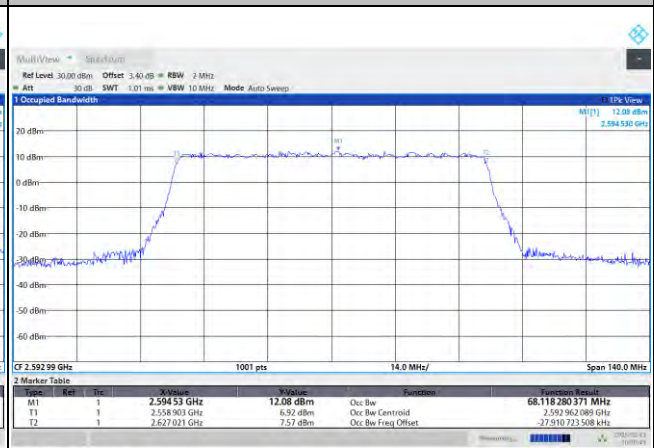
08:08:54 PM 02/12/2025

64QAM



08:09:47 PM 02/12/2025

256QAM

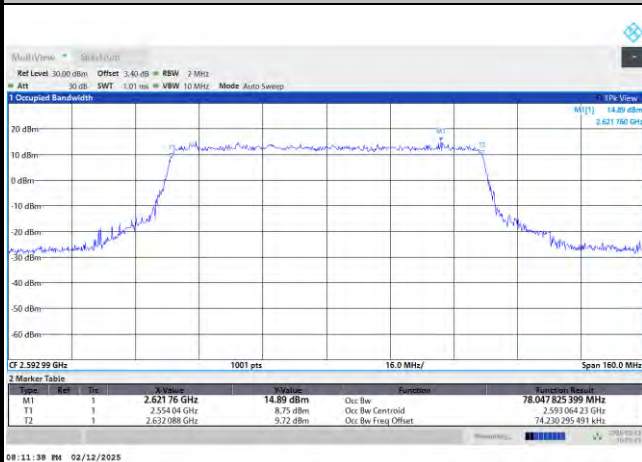


08:10:42 PM 02/12/2025

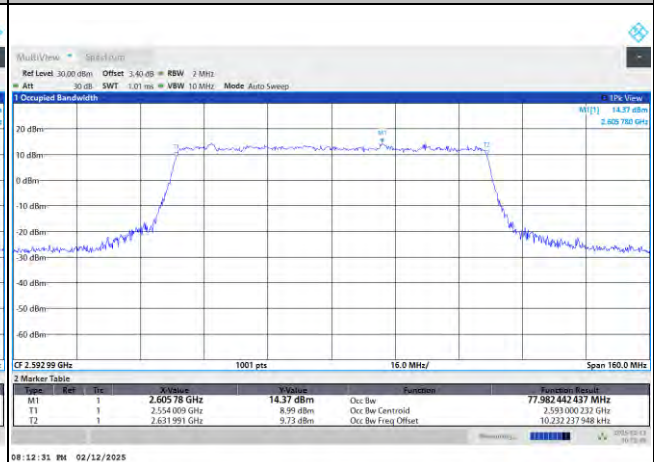


FR1 n41 / 80MHz / CP OFDM / Middle Channel / Full RB

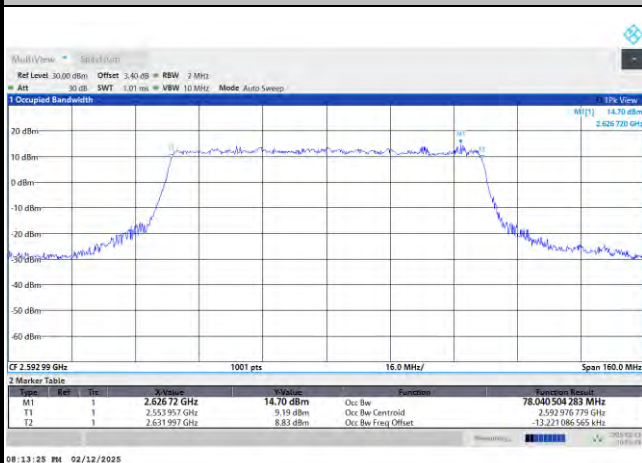
QPSK



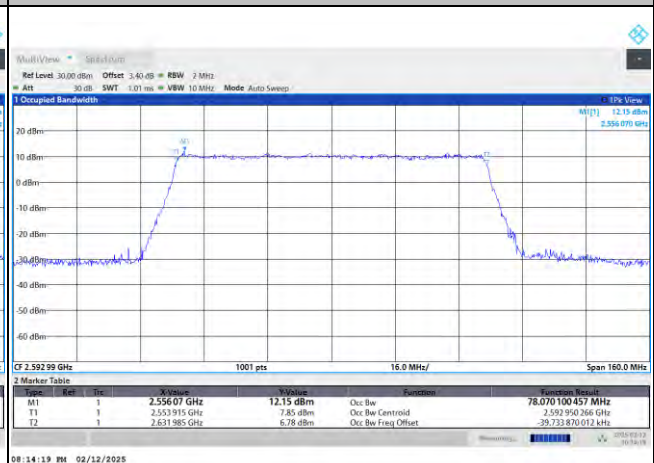
16QAM



64QAM



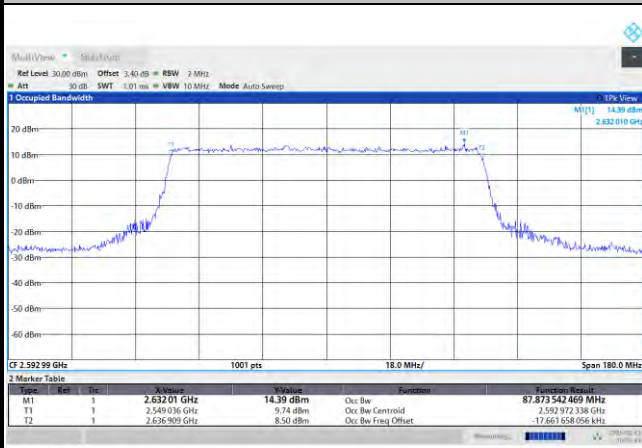
256QAM



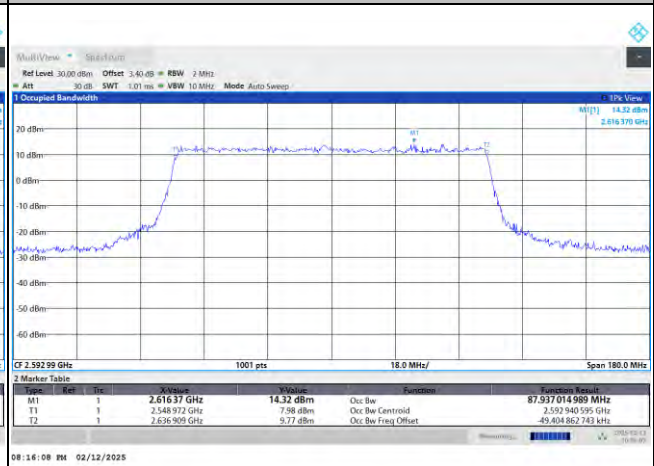


FR1 n41 / 90MHz / CP OFDM / Middle Channel / Full RB

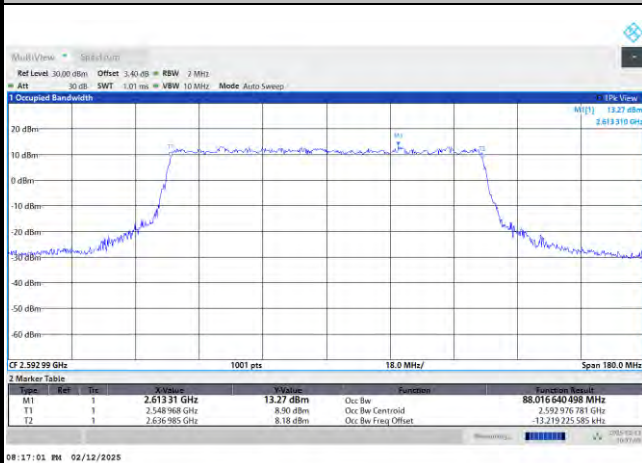
QPSK



16QAM



64QAM



256QAM

