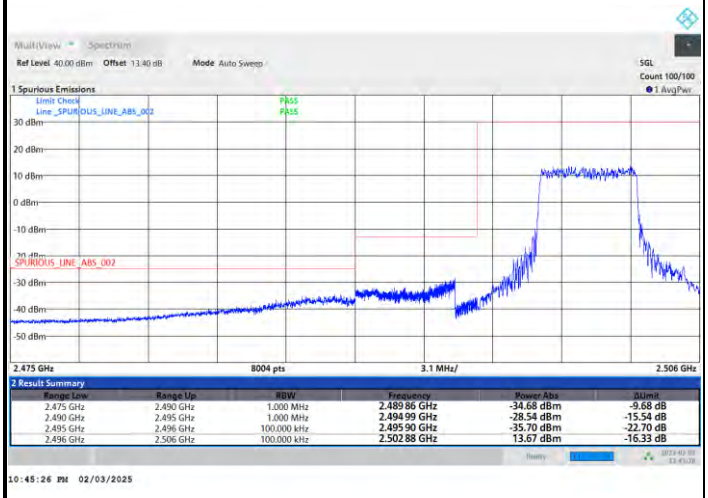
MIMO <Ant. 2+1> (Ant. 1)

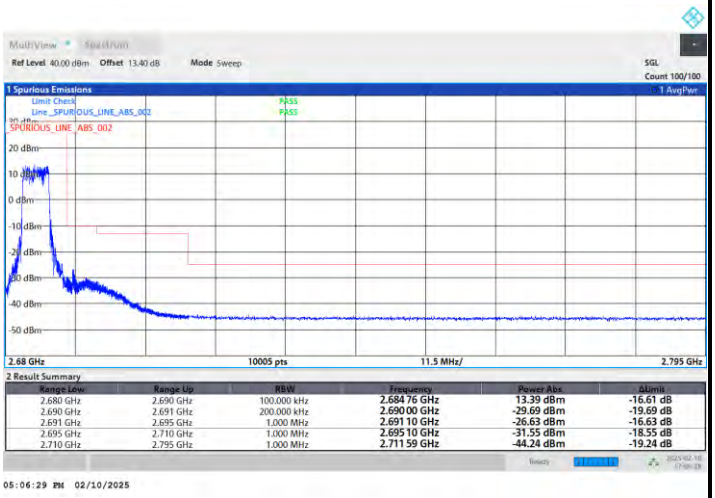
Conducted Band Edge

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

Lowest Band Edge / Inner Full RB

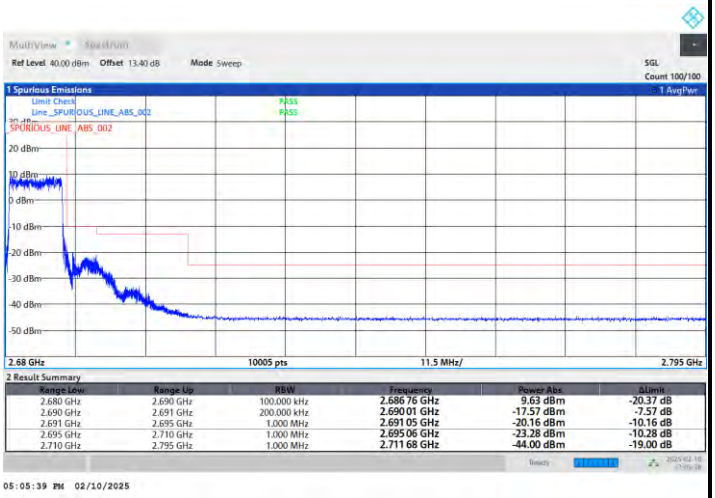


Highest Band Edge / Inner Full RB



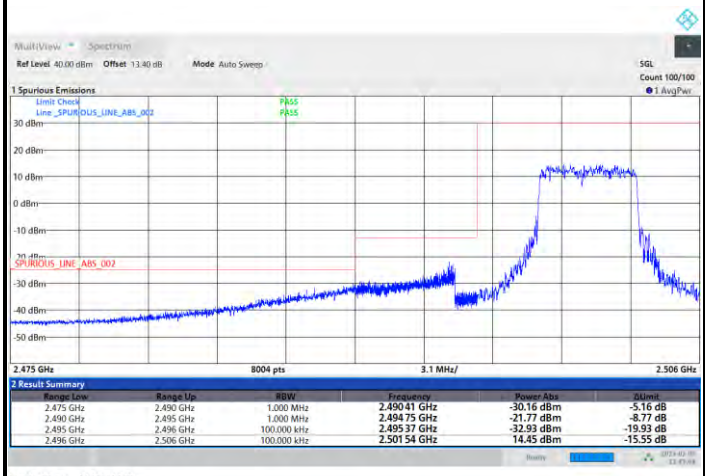
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



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

Lowest Band Edge / Inner Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 41 GHz	-30.16 dBm	-5.16 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 75 GHz	-21.77 dBm	-8.77 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.495 37 GHz	-32.93 dBm	-19.93 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.501 54 GHz	14.45 dBm	-15.55 dB

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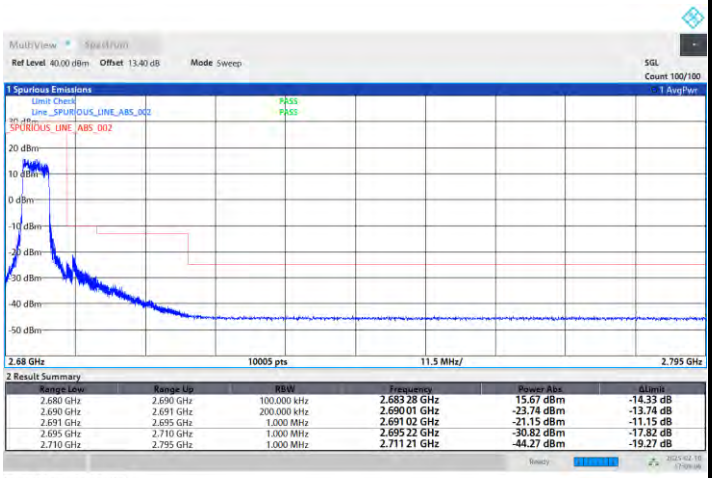
Highest Band Edge / Inner Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.689 28 GHz	15.67 dBm	-14.33 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.690 01 GHz	-23.74 dBm	-13.74 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 02 GHz	-21.15 dBm	-11.15 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 22 GHz	-30.82 dBm	-17.82 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.711 21 GHz	-44.27 dBm	-19.27 dB

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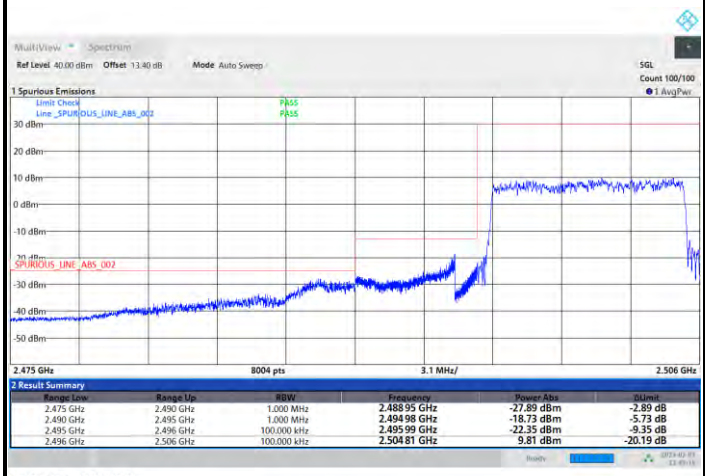
Lowest Band Edge / Outer Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.488 95 GHz	-27.89 dBm	-2.89 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 98 GHz	-18.73 dBm	-5.73 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.495 99 GHz	-22.35 dBm	-9.35 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.504 81 GHz	9.81 dBm	-20.19 dB

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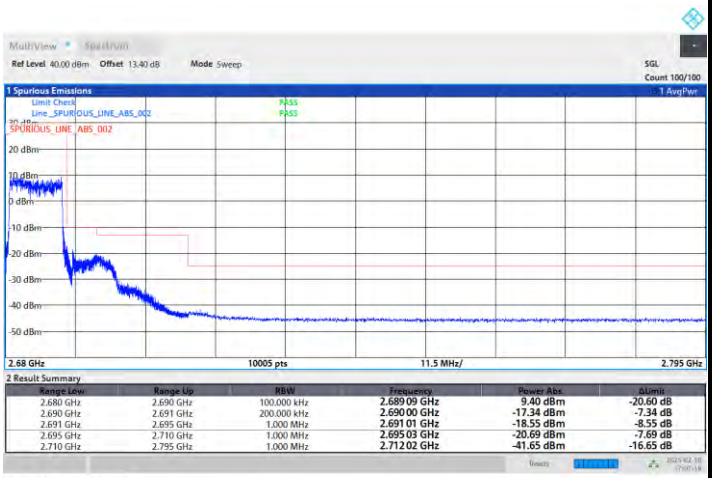
Highest Band Edge / Outer Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.689 09 GHz	9.40 dBm	-20.60 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.690 00 GHz	-17.34 dBm	-7.34 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 01 GHz	-18.55 dBm	-8.55 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 03 GHz	-20.69 dBm	-7.69 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.712 02 GHz	-41.65 dBm	-16.65 dB

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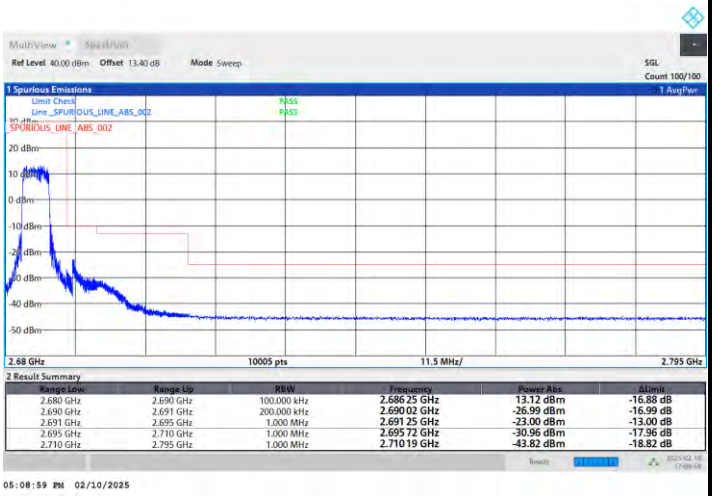
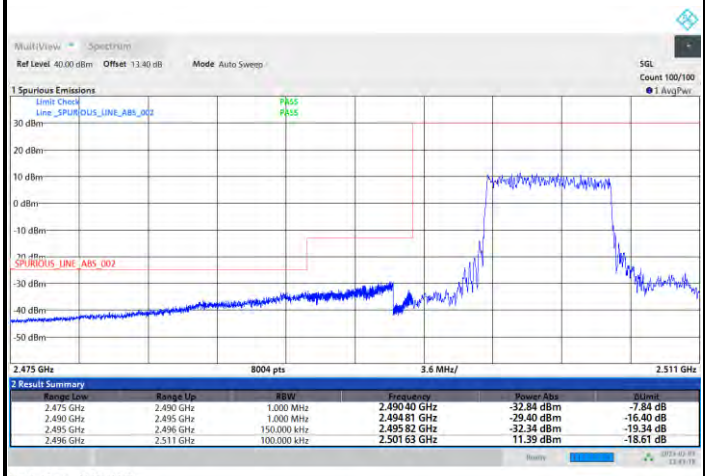
FR1 n41 / 10MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	

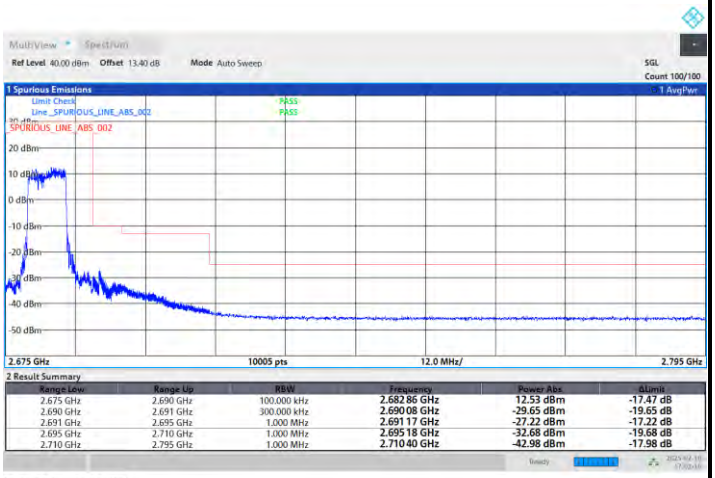
FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB



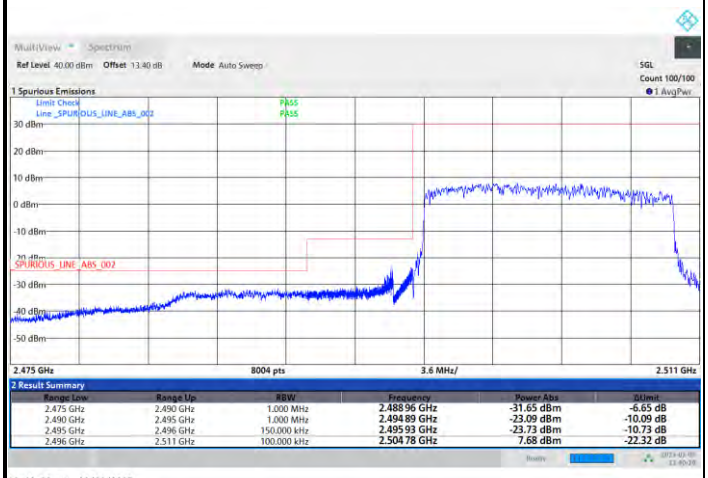
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 40 GHz	-32.84 dBm	-7.84 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 81 GHz	-29.40 dBm	-16.40 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.495 82 GHz	-32.34 dBm	-19.34 dB
2.496 GHz	2.511 GHz	100.000 kHz	2.501 63 GHz	11.39 dBm	-18.61 dB

Highest Band Edge / Inner Full RB



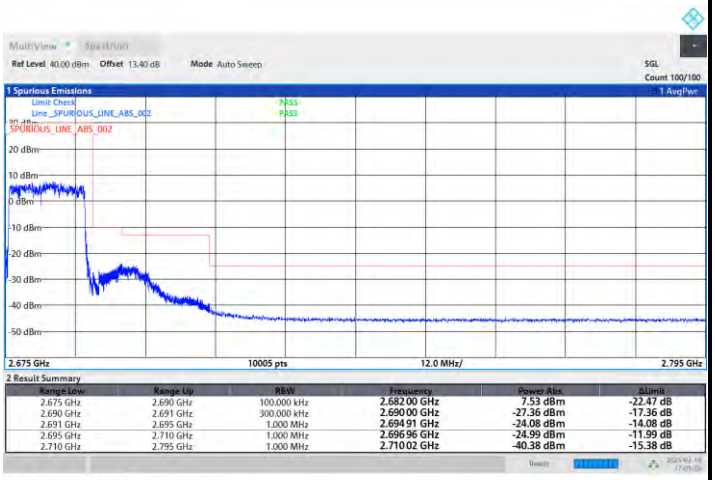
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.675 GHz	2.690 GHz	100.000 kHz	2.682 86 GHz	12.53 dBm	-17.47 dB
2.690 GHz	2.691 GHz	300.000 kHz	2.690 08 GHz	-29.65 dBm	-19.65 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 17 GHz	-27.22 dBm	-17.22 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 18 GHz	-32.68 dBm	-19.68 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.710 40 GHz	-42.98 dBm	-17.98 dB

Lowest Band Edge / Outer Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.488 96 GHz	-31.65 dBm	-6.65 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 89 GHz	-23.09 dBm	-10.09 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.495 93 GHz	-23.73 dBm	-10.73 dB
2.496 GHz	2.511 GHz	100.000 kHz	2.504 78 GHz	7.68 dBm	-22.32 dB

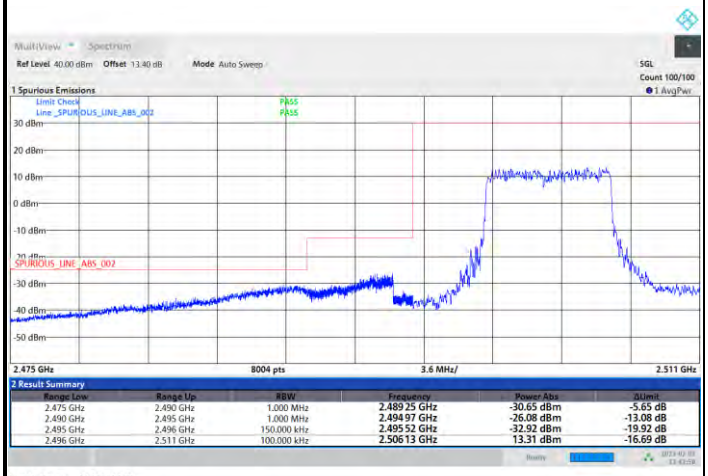
Highest Band Edge / Outer Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.675 GHz	2.690 GHz	100.000 kHz	2.682 00 GHz	7.53 dBm	-22.47 dB
2.690 GHz	2.691 GHz	300.000 kHz	2.690 00 GHz	-27.36 dBm	-17.36 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.694 91 GHz	-24.08 dBm	-14.08 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.696 96 GHz	-24.99 dBm	-11.99 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.710 02 GHz	-40.38 dBm	-15.38 dB

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

Lowest Band Edge / Inner Full RB



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.489 25 GHz	-30.65 dBm	-5.65 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 97 GHz	-26.08 dBm	-13.08 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.495 52 GHz	-32.92 dBm	-19.92 dB
2.496 GHz	2.511 GHz	100.000 kHz	2.506 13 GHz	13.31 dBm	-16.69 dB

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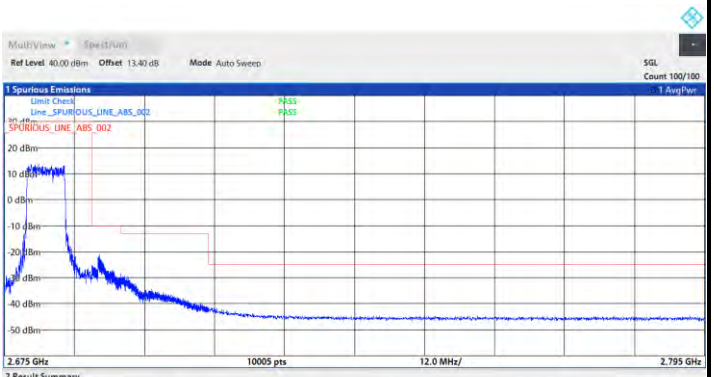
Highest Band Edge / Inner Full RB



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.675 GHz	2.690 GHz	100.000 kHz	2.680 85 GHz	13.88 dBm	-16.12 dB
2.690 GHz	2.691 GHz	300.000 kHz	2.690 03 GHz	-25.12 dBm	-15.12 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 33 GHz	-21.01 dBm	-11.01 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 62 GHz	-29.10 dBm	-16.10 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.710 49 GHz	-41.56 dBm	-16.56 dB

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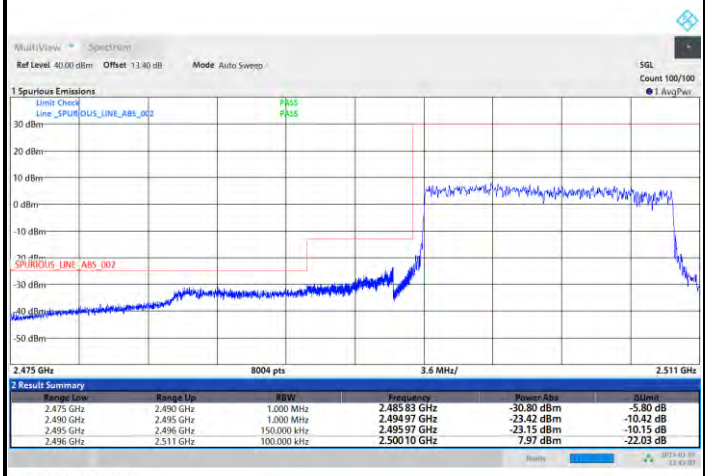
Lowest Band Edge / Outer Full RB



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.485 83 GHz	-30.80 dBm	-5.80 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 97 GHz	-23.42 dBm	-10.42 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.495 97 GHz	-23.15 dBm	-10.15 dB
2.496 GHz	2.511 GHz	100.000 kHz	2.500 10 GHz	7.97 dBm	-22.03 dB

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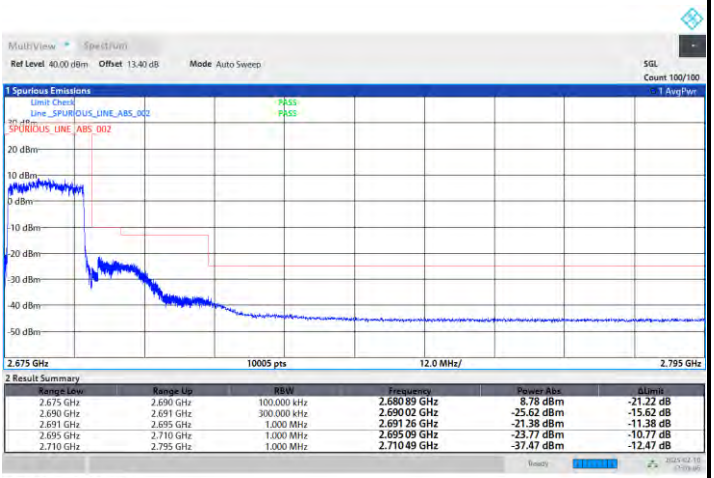
Highest Band Edge / Outer Full RB



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.675 GHz	2.690 GHz	100.000 kHz	2.680 89 GHz	8.78 dBm	-21.22 dB
2.690 GHz	2.691 GHz	300.000 kHz	2.690 02 GHz	-25.62 dBm	-15.62 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 26 GHz	-21.38 dBm	-11.38 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 09 GHz	-23.77 dBm	-10.77 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.710 49 GHz	-37.47 dBm	-12.47 dB

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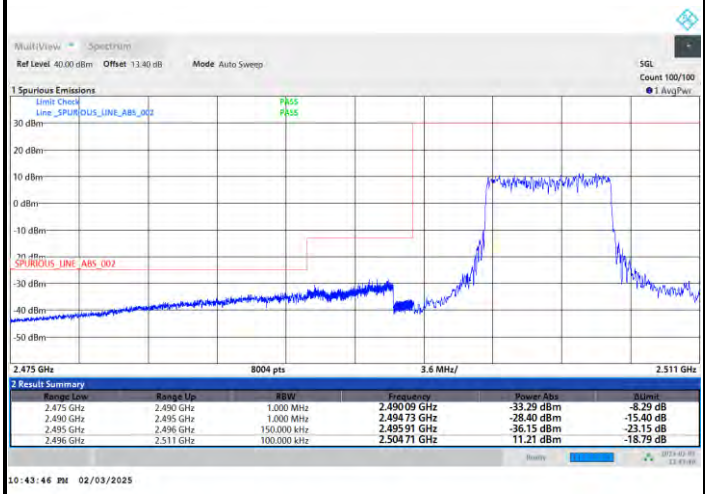
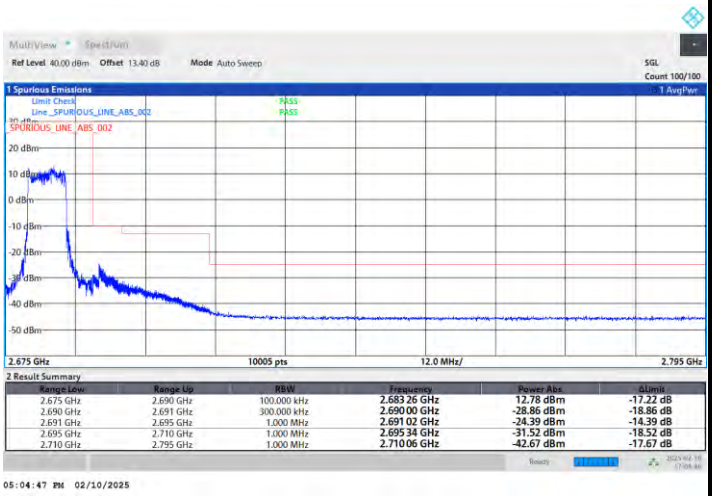
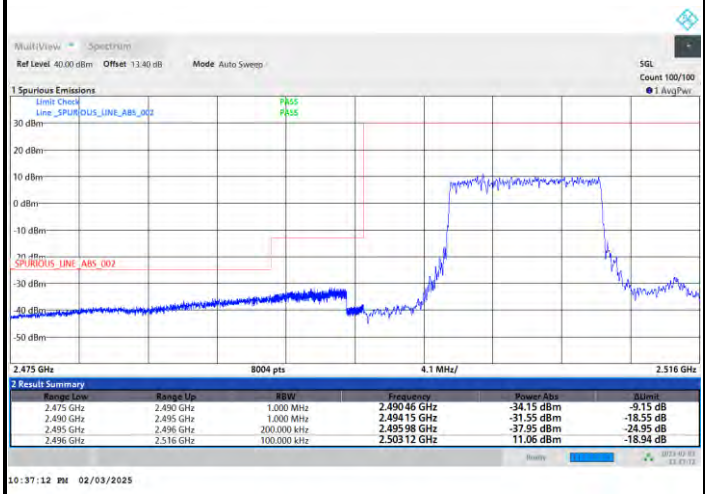
FR1 n41 / 15MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 09 GHz	-33.29 dBm	-8.29 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 73 GHz	-28.40 dBm	-15.40 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.495 91 GHz	-36.15 dBm	-23.15 dB
2.496 GHz	2.511 GHz	100.000 kHz	2.504 71 GHz	11.21 dBm	-18.79 dB

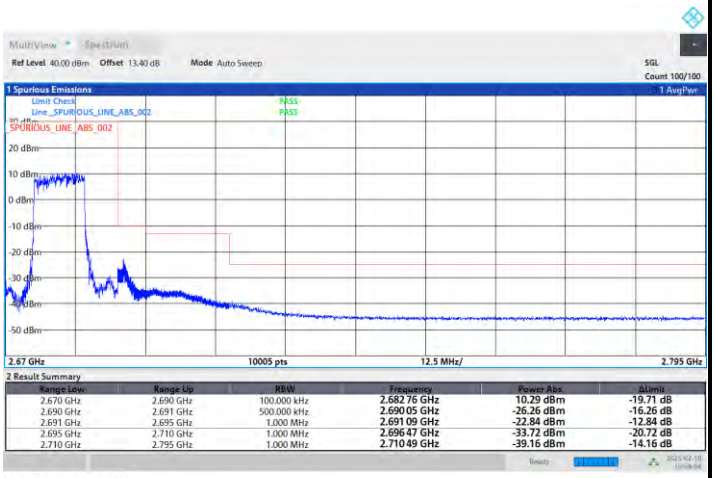
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.675 GHz	2.690 GHz	100.000 kHz	2.683 26 GHz	12.78 dBm	-17.22 dB
2.690 GHz	2.691 GHz	300.000 kHz	2.690 00 GHz	-28.86 dBm	-18.86 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 02 GHz	-24.39 dBm	-14.39 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.695 34 GHz	-31.52 dBm	-18.52 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.710 06 GHz	-42.67 dBm	-17.67 dB

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

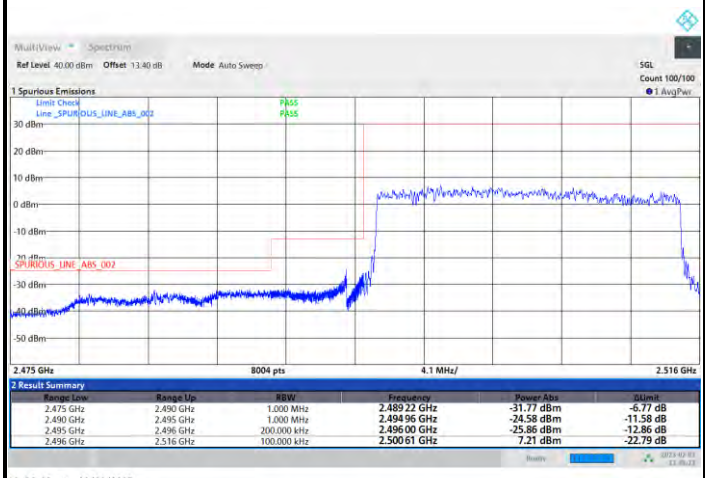
Lowest Band Edge / Inner Full RB



Highest Band Edge / Inner Full RB



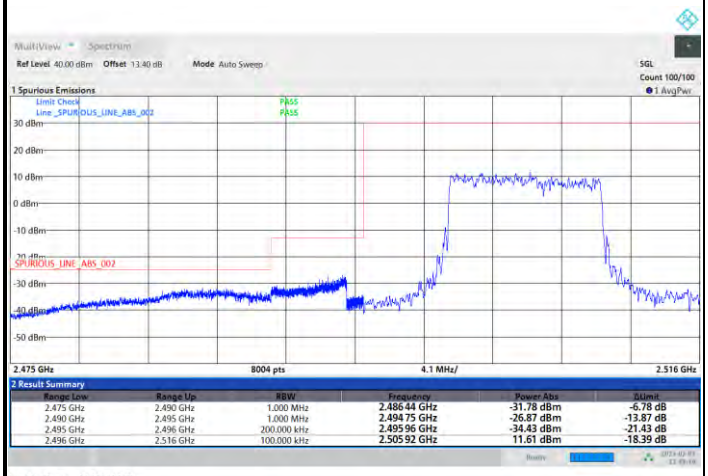
Lowest Band Edge / Outer Full RB



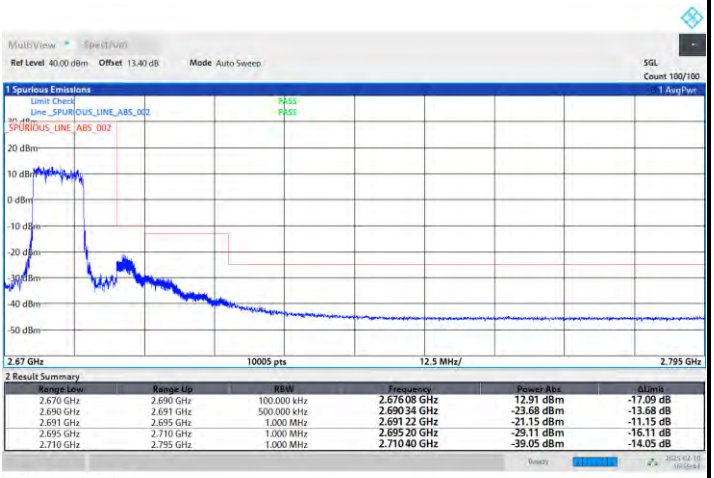
Highest Band Edge / Outer Full RB

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

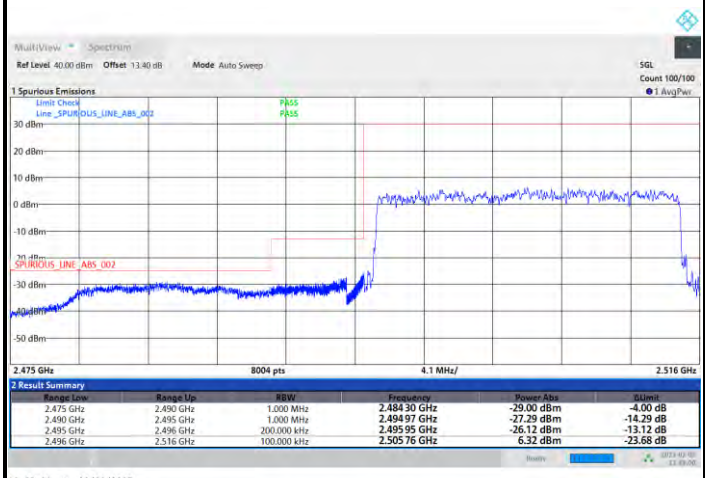
Lowest Band Edge / Inner Full RB



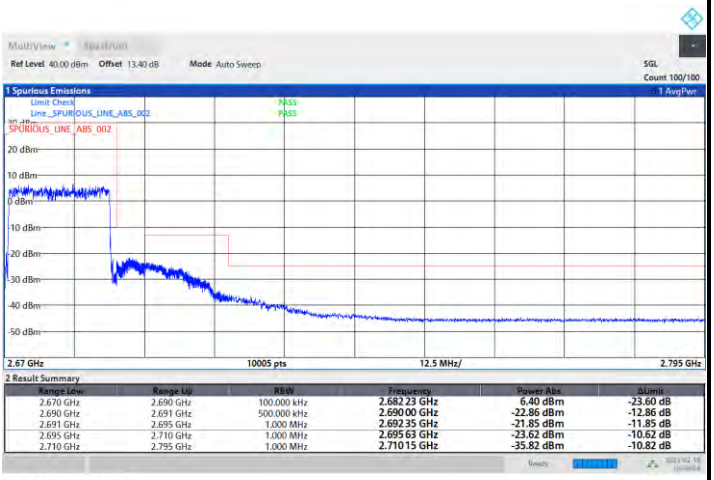
Highest Band Edge / Inner Full RB

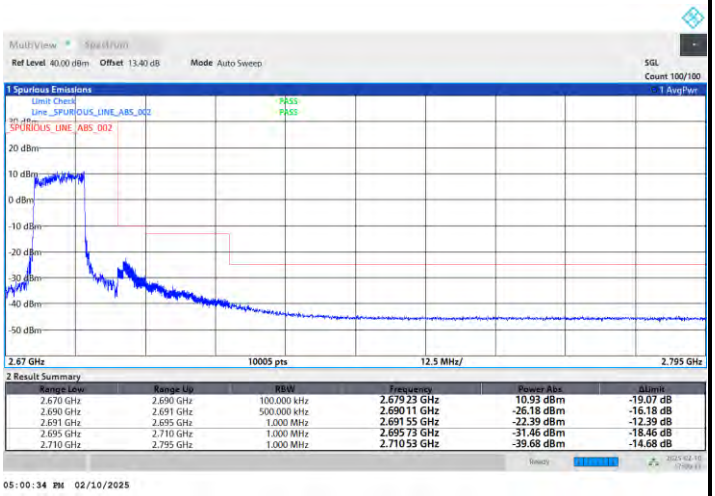


Lowest Band Edge / Outer Full RB



Highest Band Edge / Outer Full RB

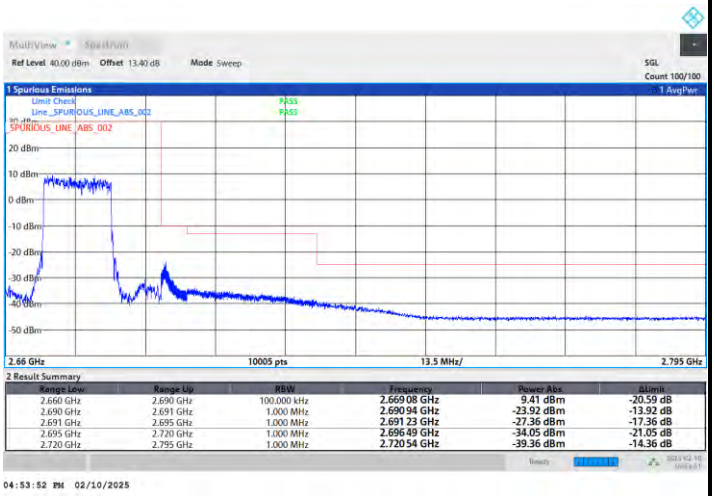


FR1 n41 / 20MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

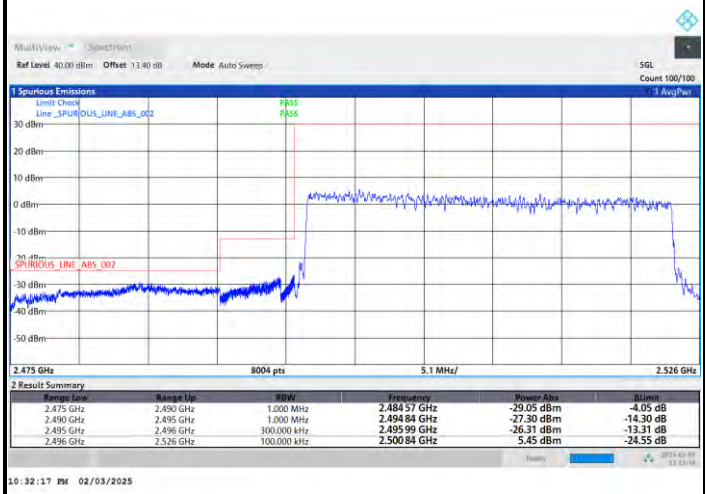
FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

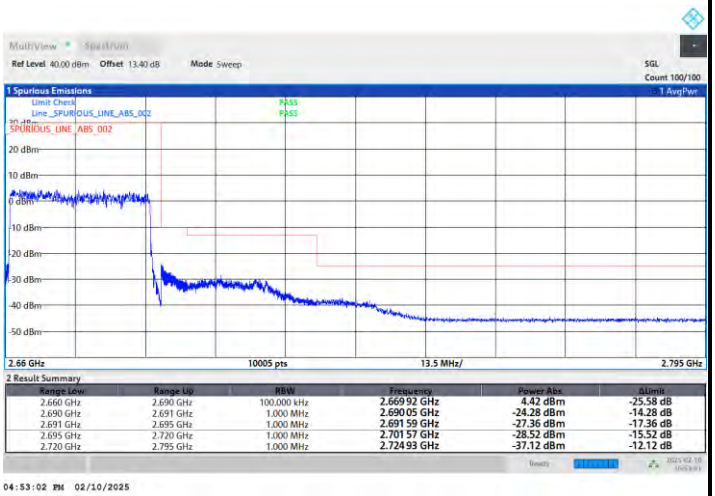
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

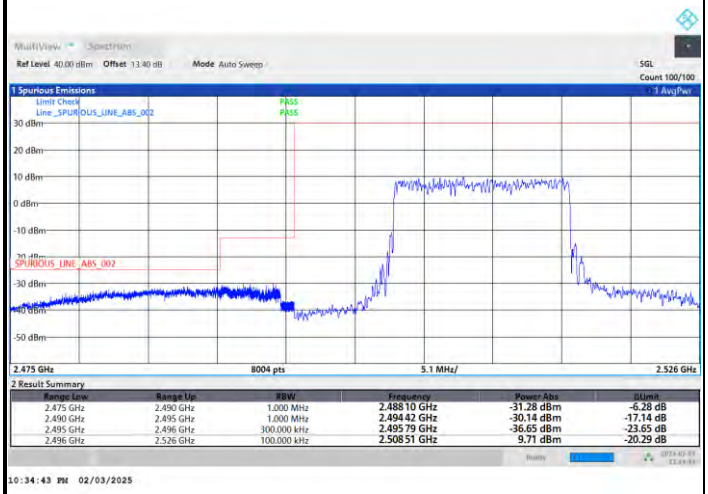


Highest Band Edge / Outer Full RB

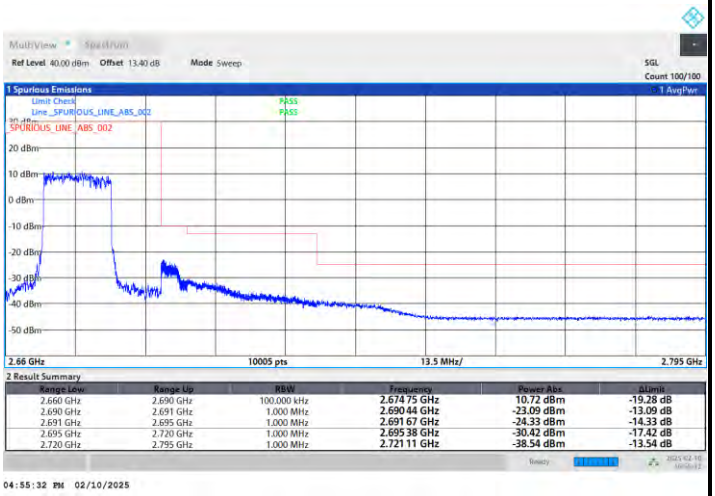


FR1 n41 / 30MHz / DFT-S OFDM / QPSK

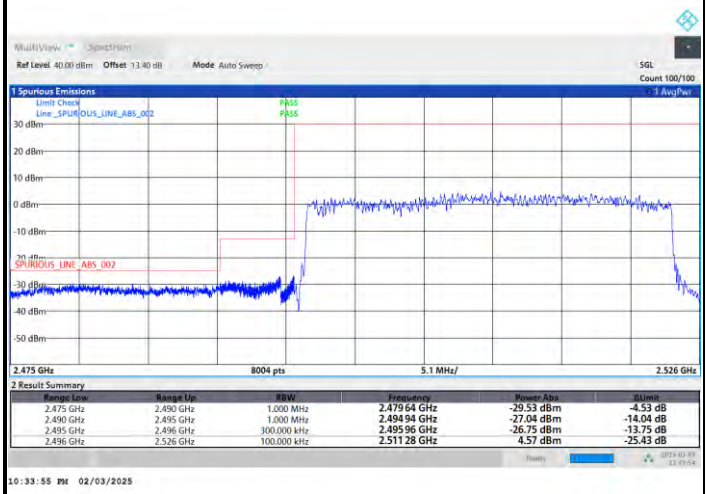
Lowest Band Edge / Inner Full RB



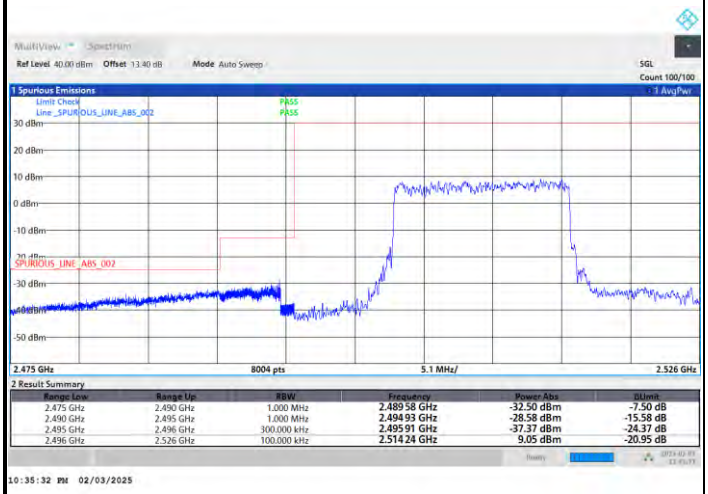
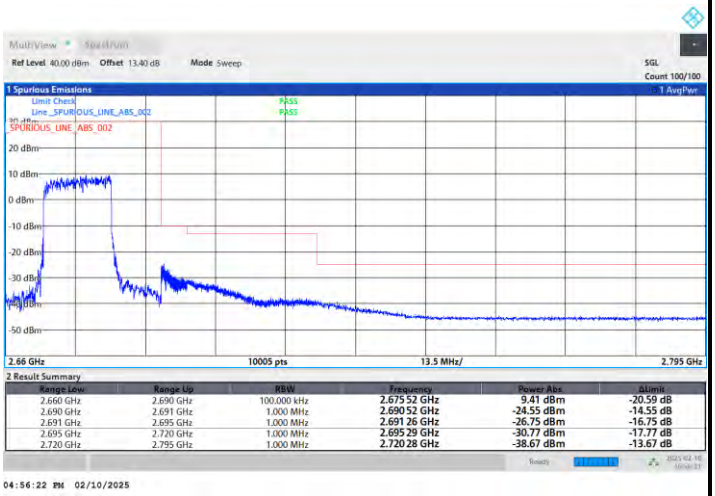
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB



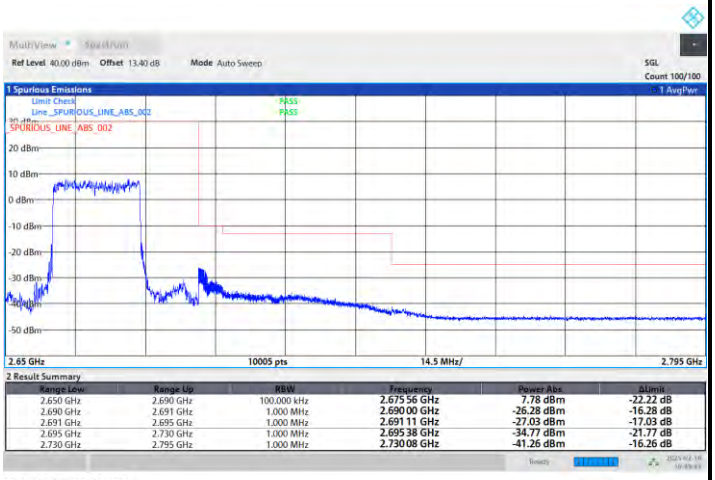
Highest Band Edge / Outer Full RB

FR1 n41 / 30MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	

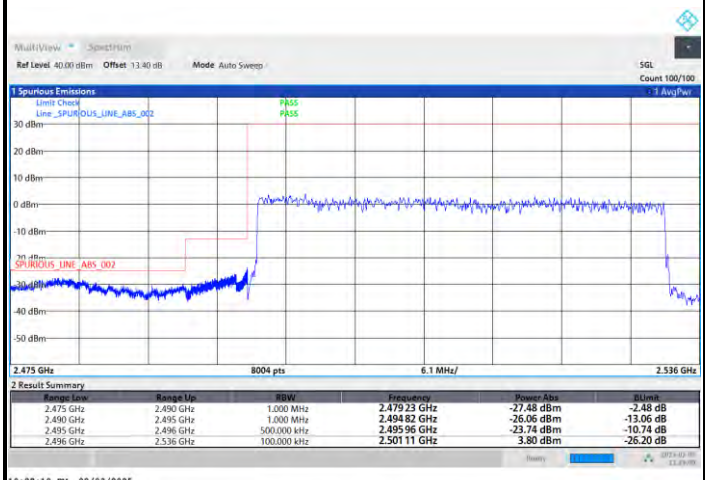
FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

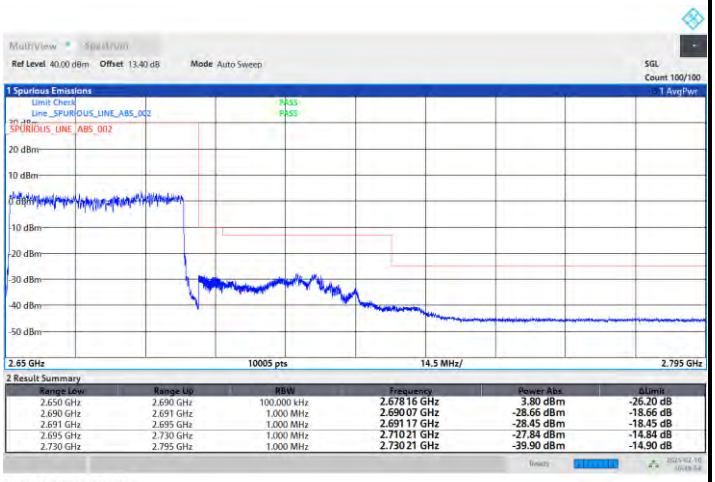
Highest Band Edge / Inner Full RB

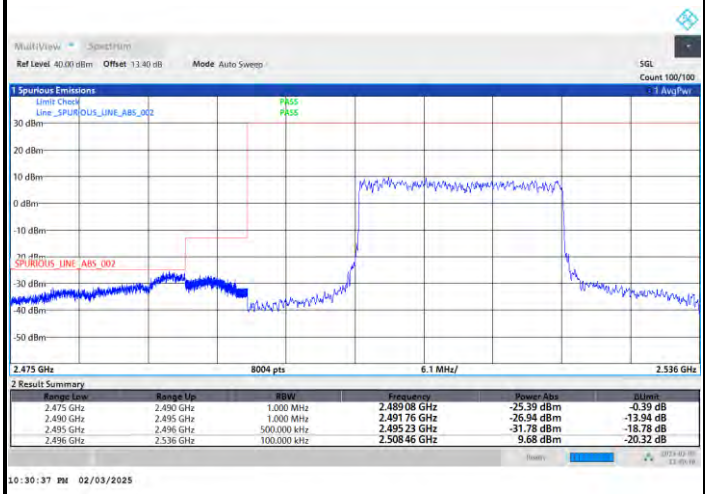
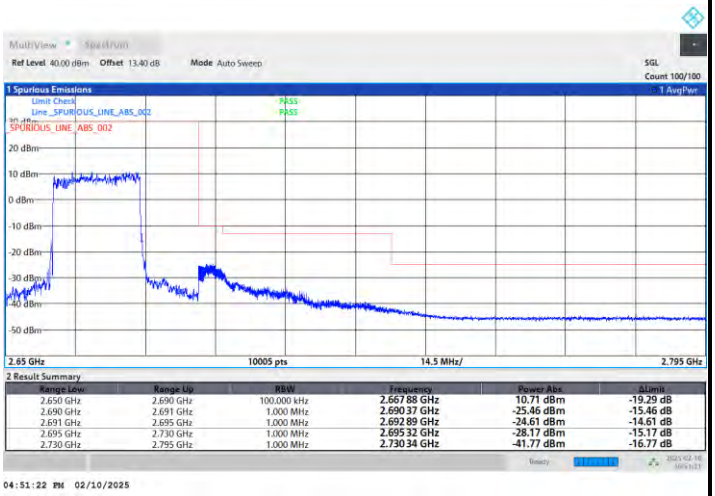
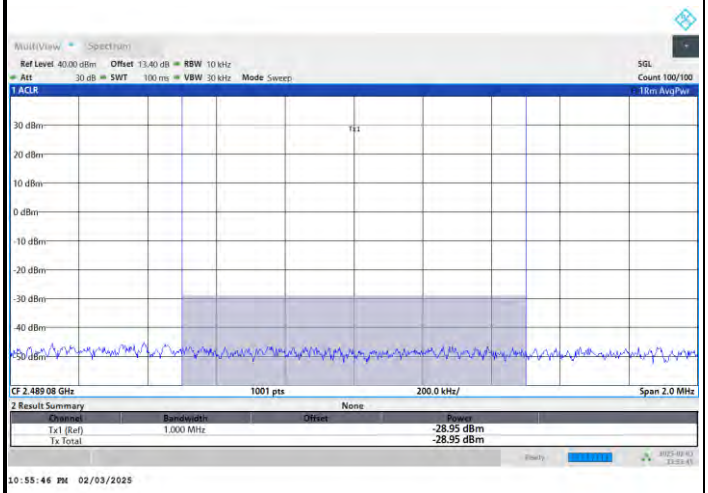


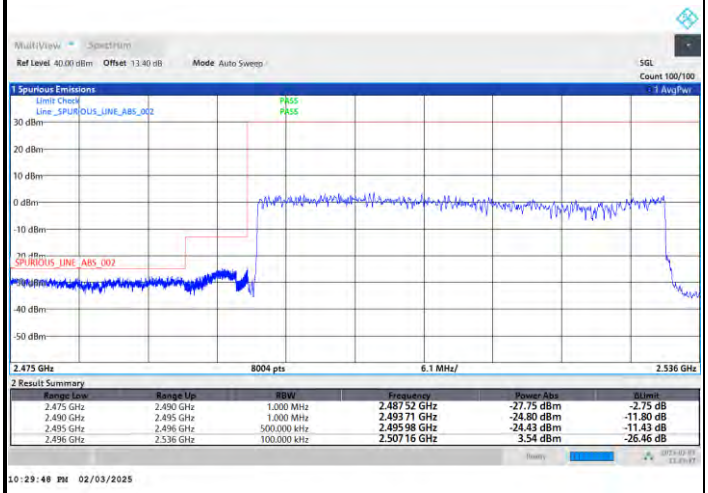
Lowest Band Edge / Outer Full RB

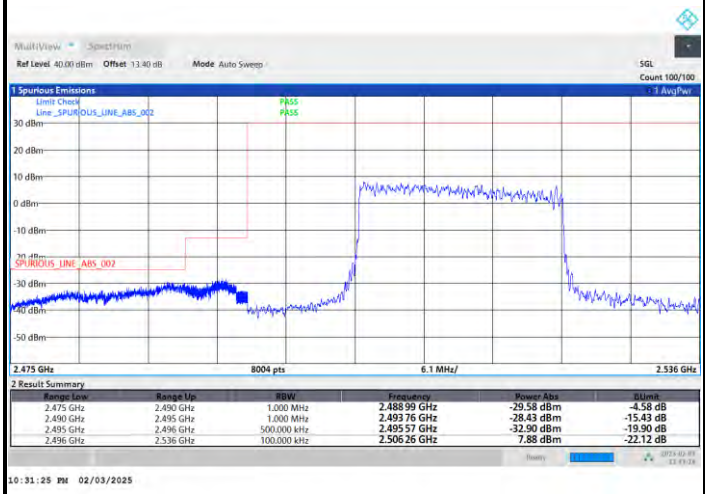
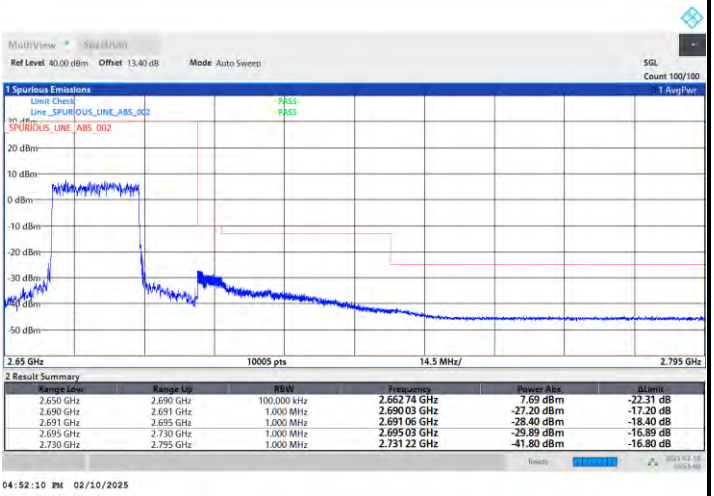


Highest Band Edge / Outer Full RB



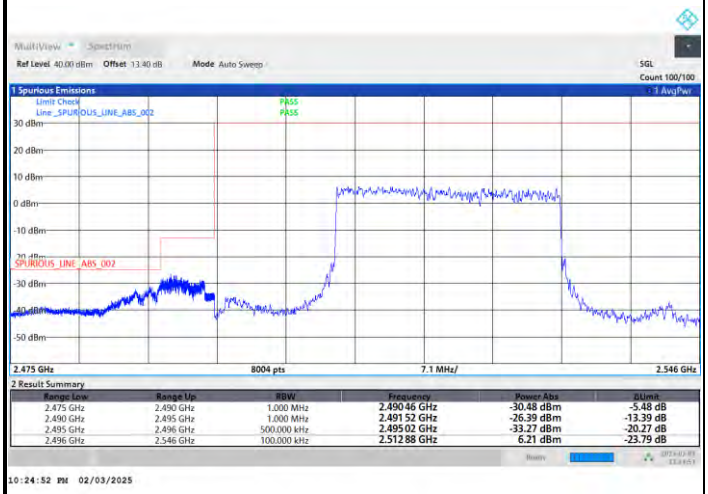
FR1 n41 / 40MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	
Lowest Channel Inner Full RB Channel power -25dBm > -28.95dBm (PASS)	
	

Lowest Band Edge / Outer Full RB	Highest Band Edge / Outer Full RB
	

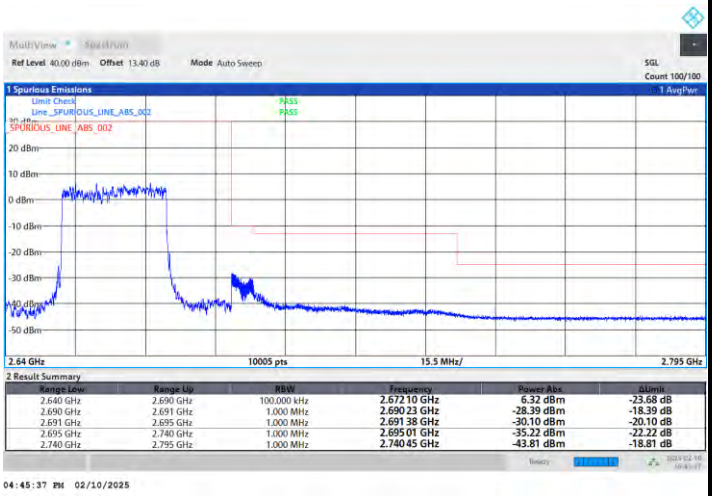
FR1 n41 / 40MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

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

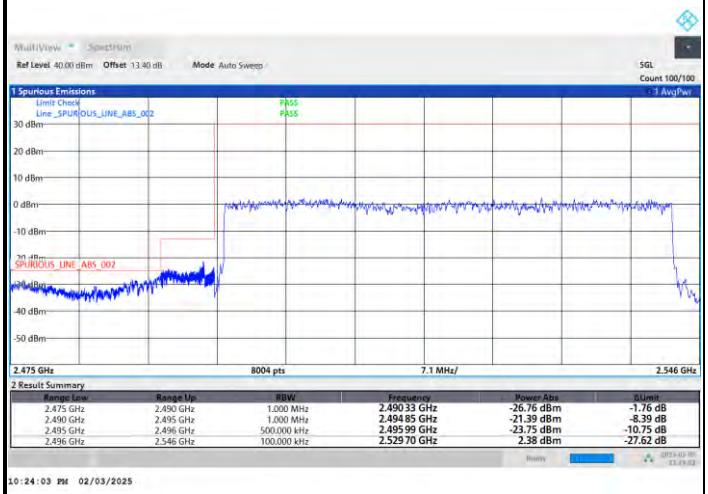
Lowest Band Edge / Inner Full RB



Highest Band Edge / Inner Full RB



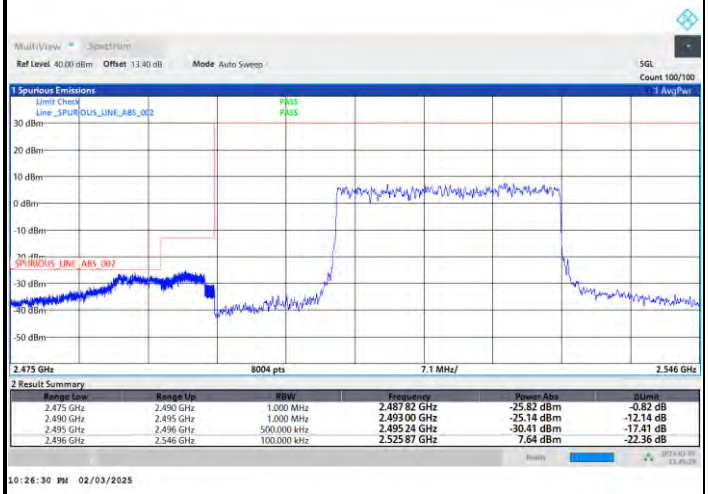
Lowest Band Edge / Outer Full RB



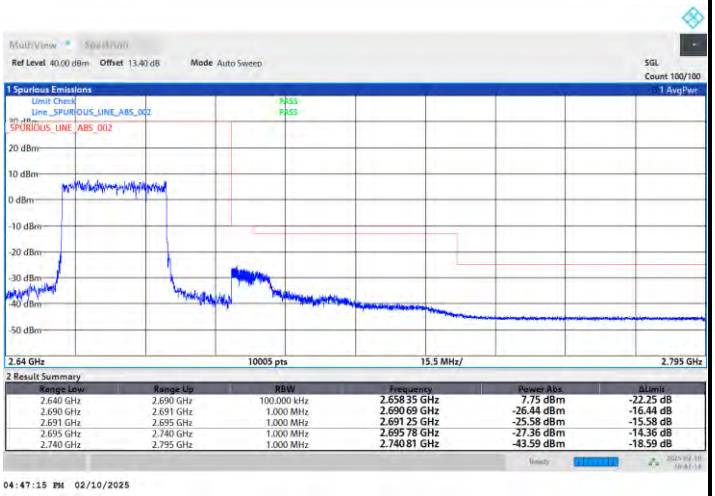
Highest Band Edge / Outer Full RB

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

Lowest Band Edge / Inner Full RB

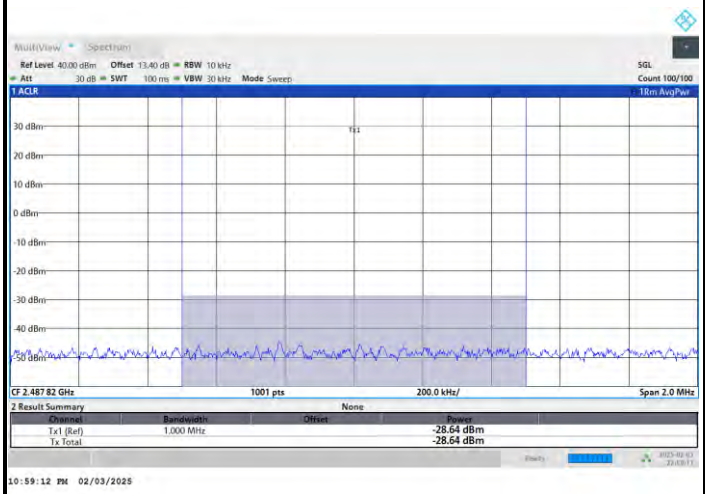


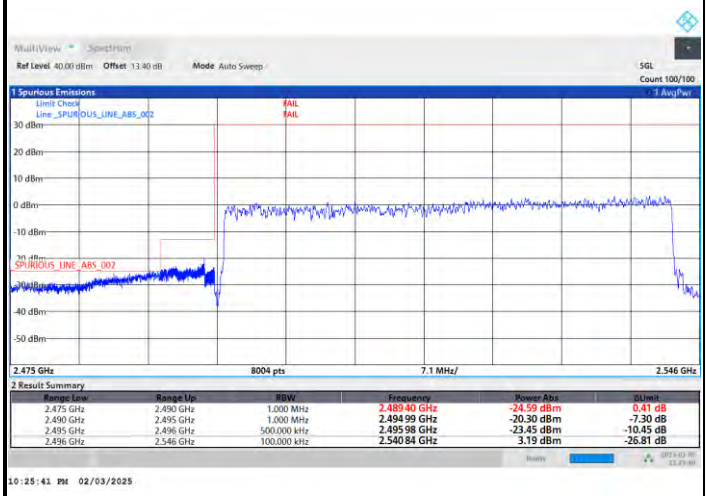
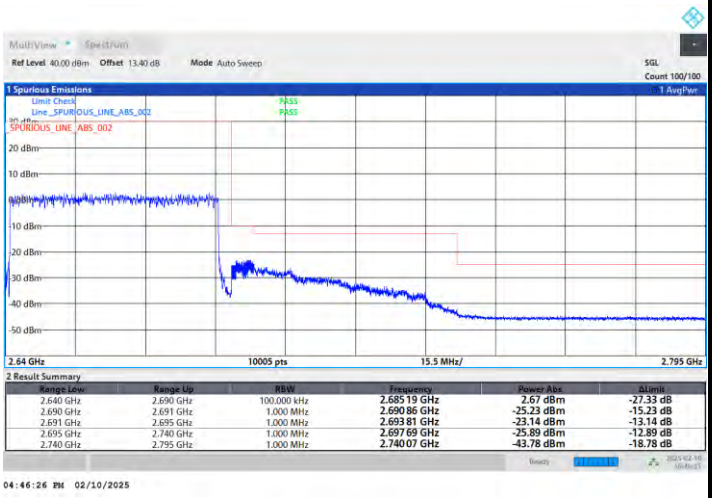
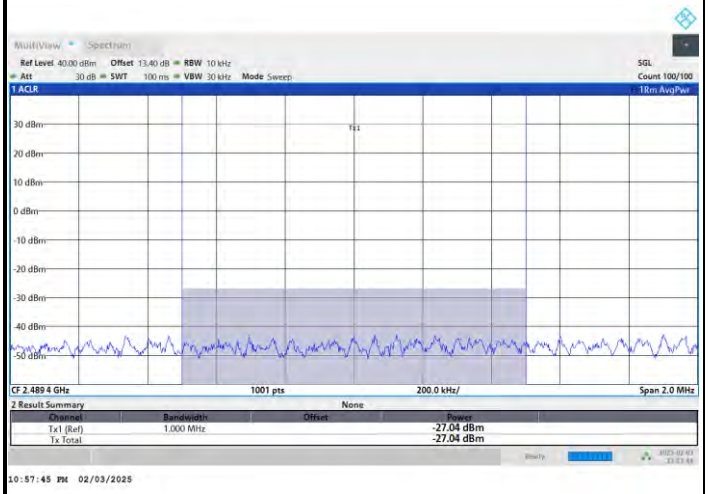
Highest Band Edge / Inner Full RB

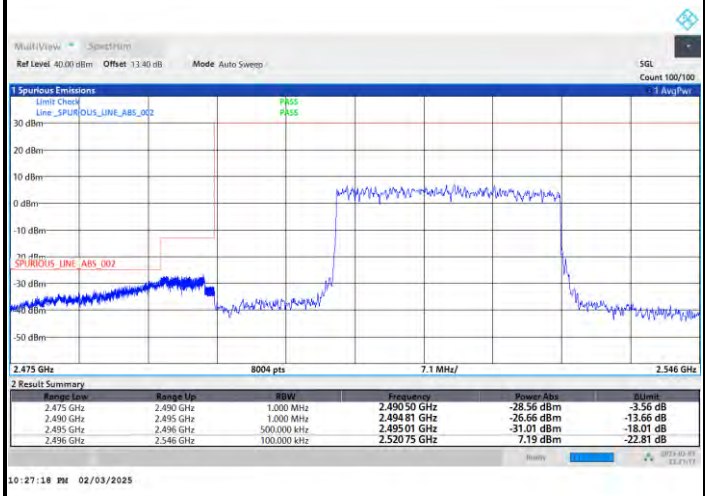
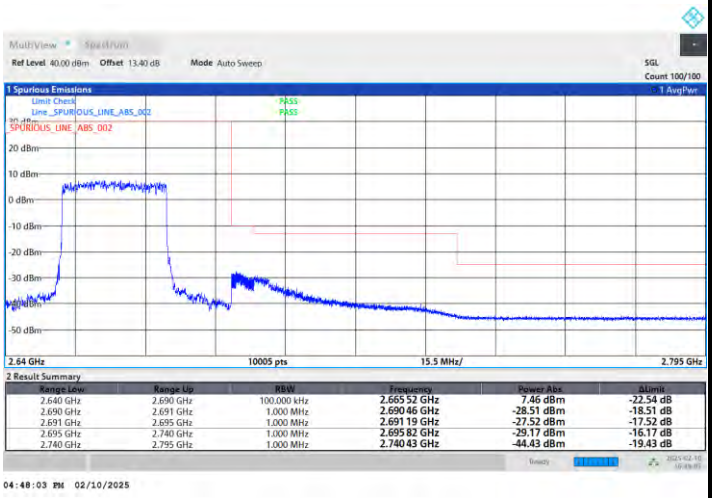


Lowest Channel Inner Full RB

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



Lowest Band Edge / Outer Full RB	Highest Band Edge / Outer Full RB
	
Lowest Channel Outer Full RB Channel power -25dBm > -27.04dBm (PASS)	
	

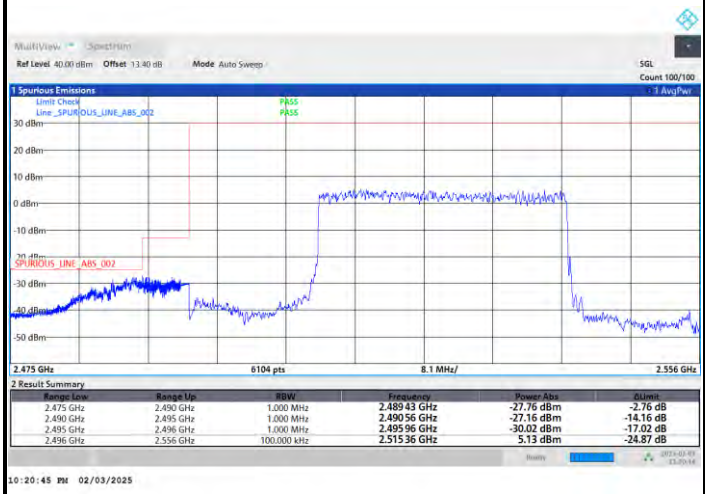
FR1 n41 / 50MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.490 50 GHz	-28.56 dBm	-3.56 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.494 81 GHz	-26.66 dBm	-13.66 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.495 01 GHz	-31.01 dBm	-18.01 dB
2.496 GHz	2.546 GHz	100.000 kHz	2.520 75 GHz	7.19 dBm	-22.81 dB

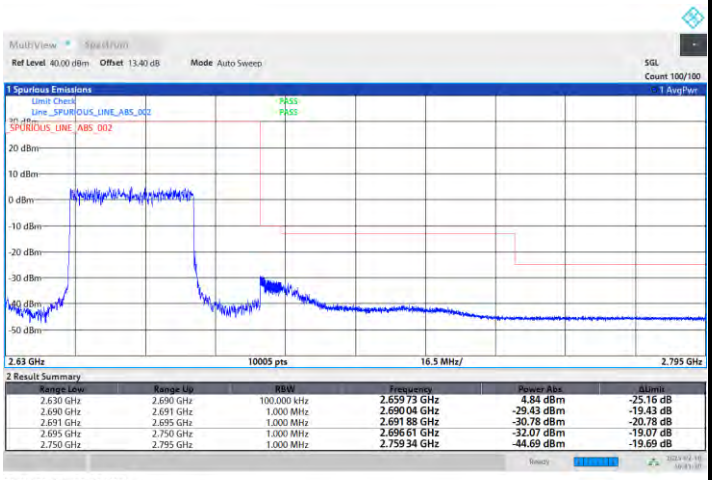
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.640 GHz	2.690 GHz	100.000 kHz	2.665 52 GHz	7.46 dBm	-22.54 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.690 46 GHz	-28.51 dBm	-18.51 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.691 19 GHz	-27.52 dBm	-17.52 dB
2.695 GHz	2.740 GHz	1.000 MHz	2.695 82 GHz	-29.17 dBm	-16.17 dB
2.740 GHz	2.795 GHz	1.000 MHz	2.740 43 GHz	-44.43 dBm	-19.43 dB

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

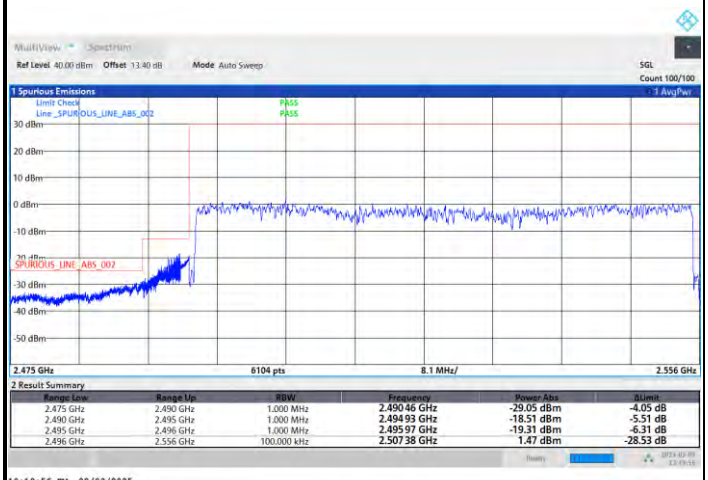
Lowest Band Edge / Inner Full RB



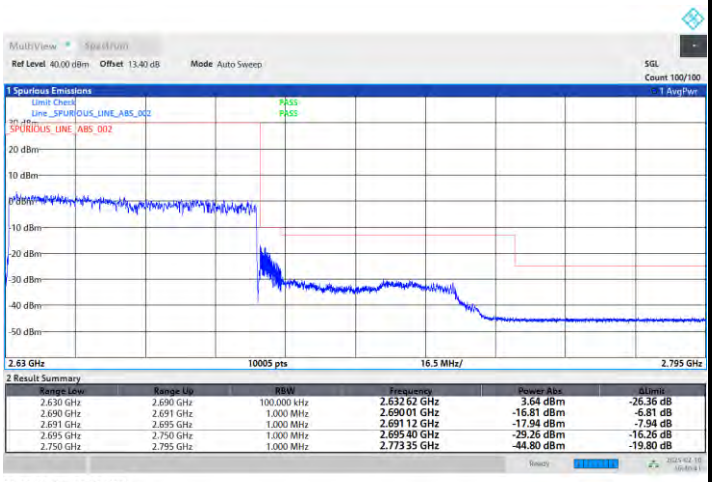
Highest Band Edge / Inner Full RB

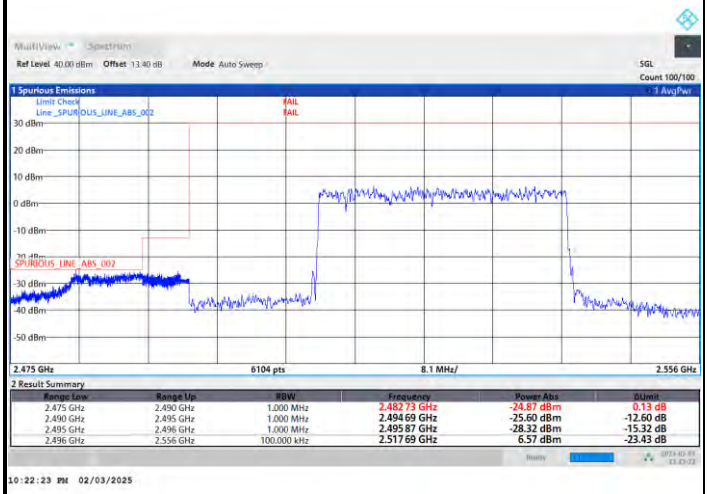
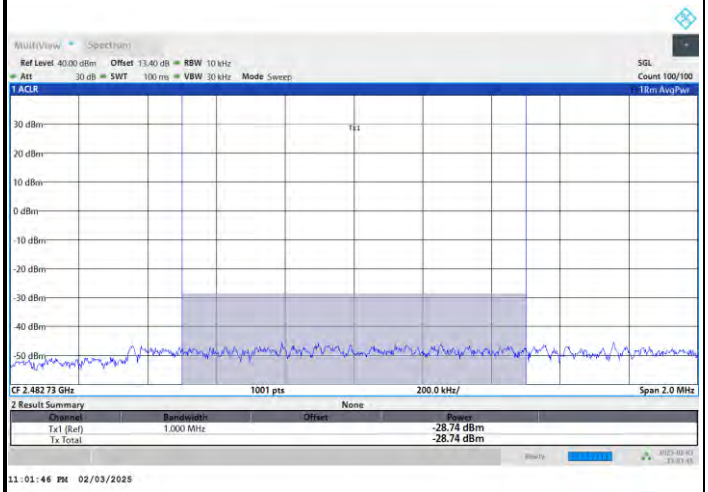


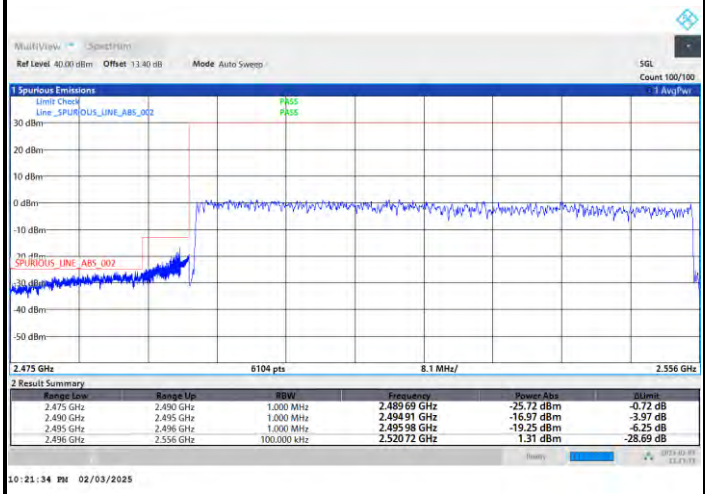
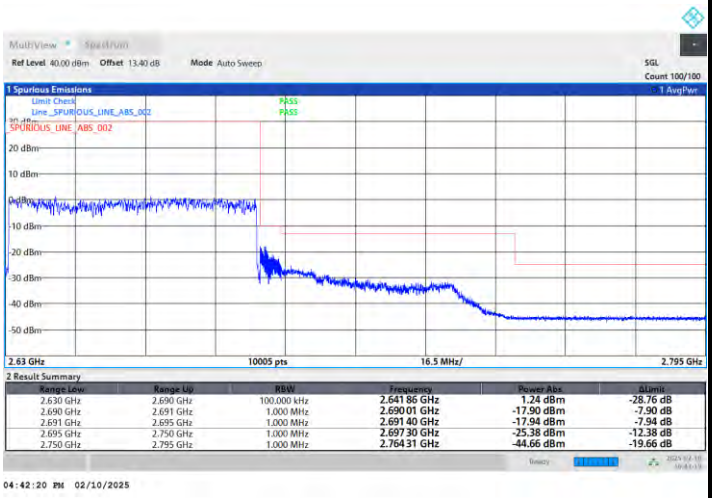
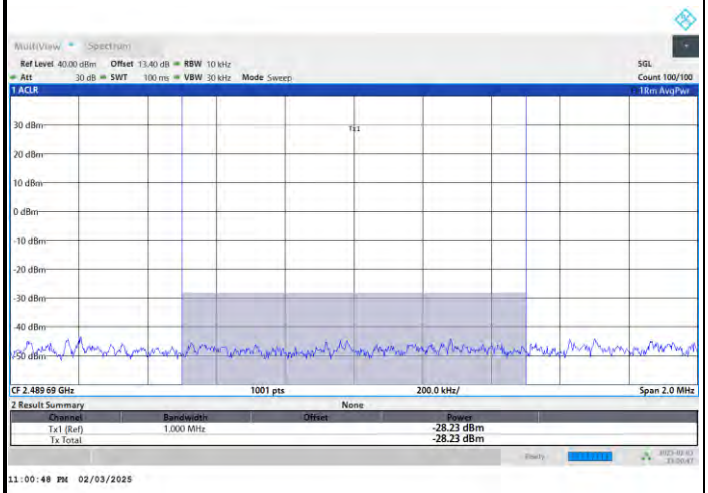
Lowest Band Edge / Outer Full RB

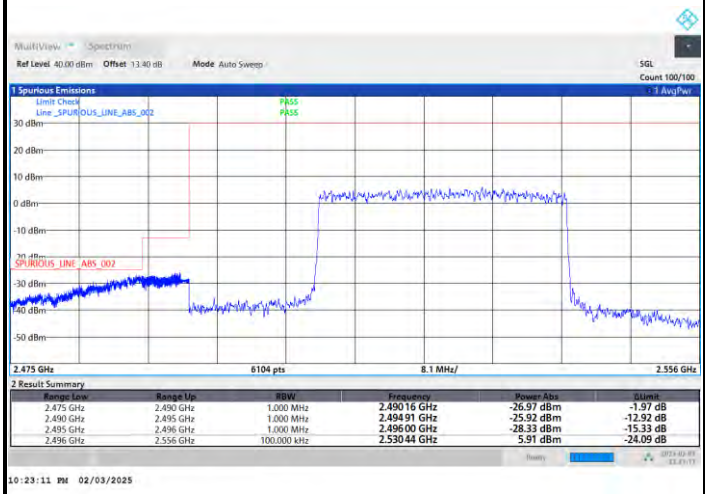
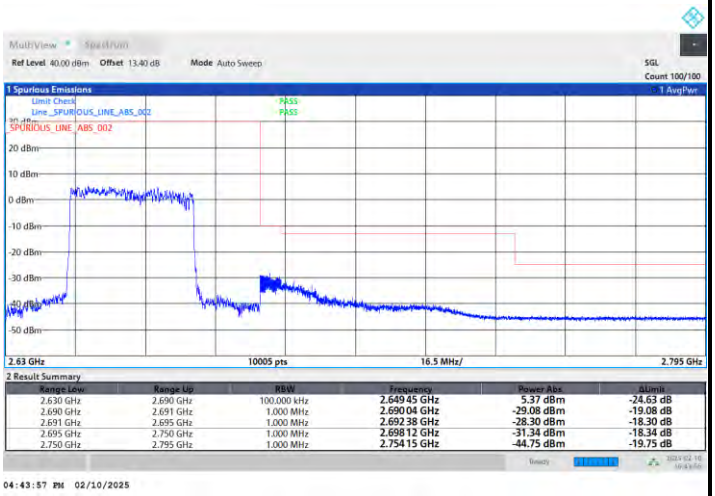


Highest Band Edge / Outer Full RB



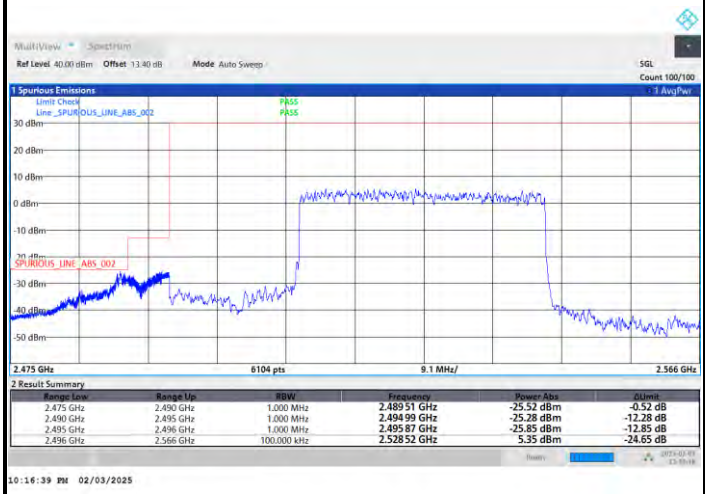
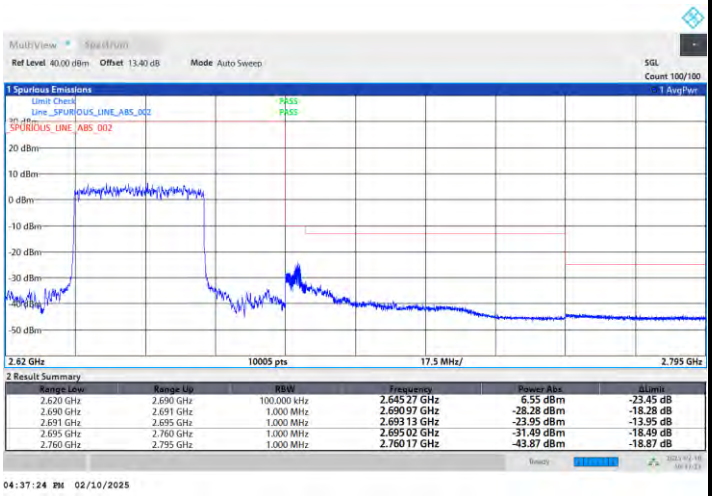
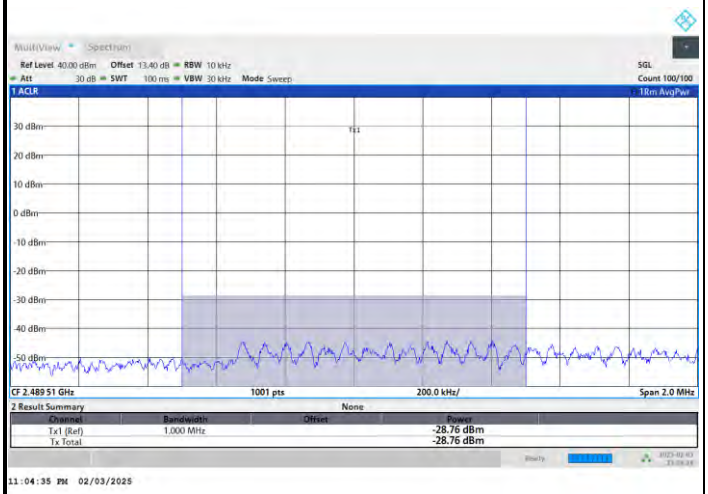
FR1 n41 / 60MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	
Lowest Channel Inner Full RB Channel power -25dBm > -28.74dBm (PASS)	
	

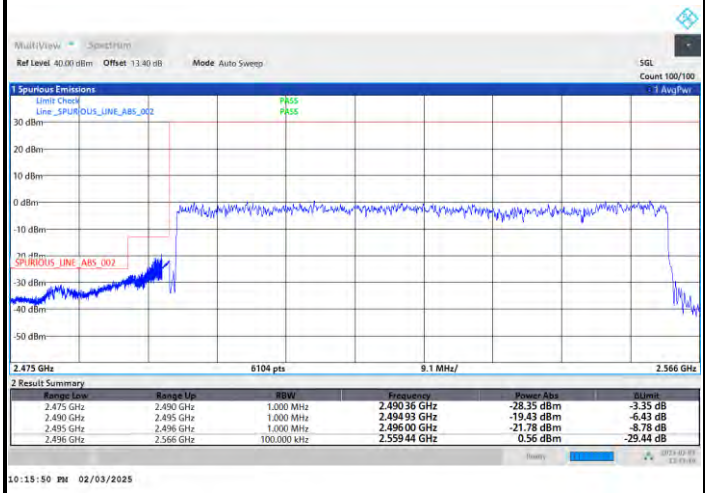
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	
Lowest Channel Outer Full RB Channel power -25dBm > -28.23dBm (PASS)	
	

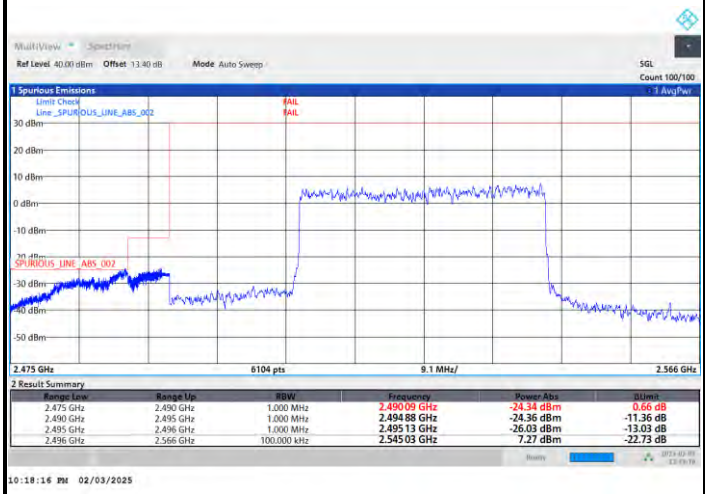
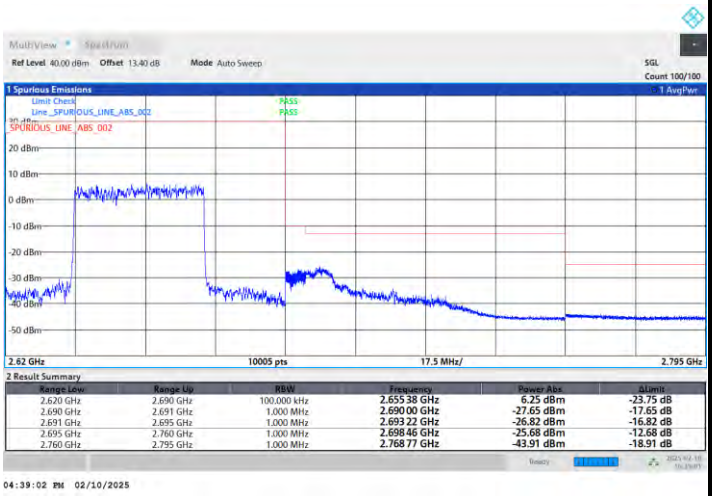
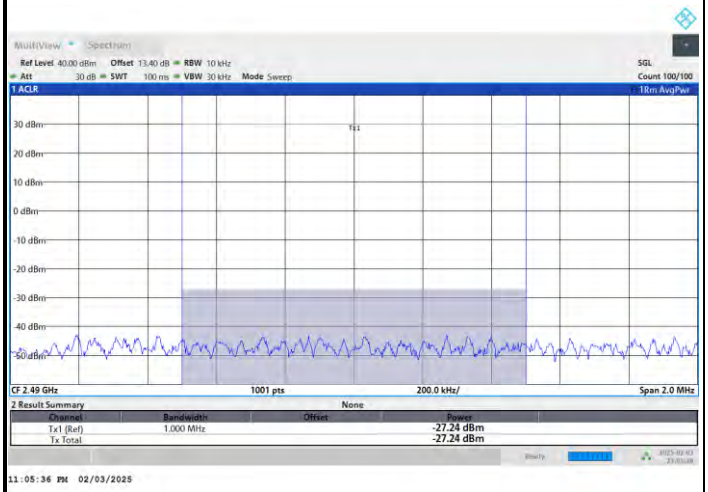
FR1 n41 / 60MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

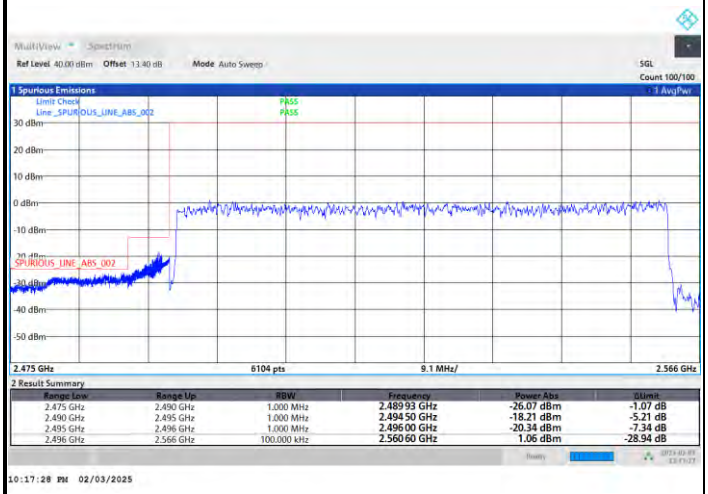
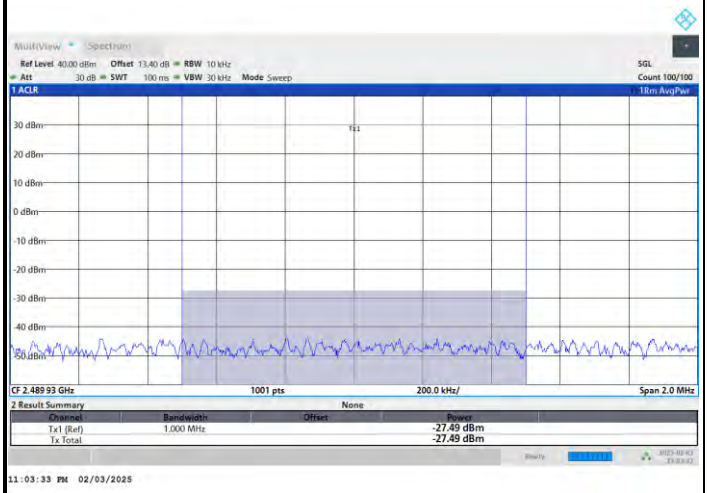
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49016 GHz	-26.97 dBm	-1.97 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-25.92 dBm	-12.92 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49600 GHz	-28.33 dBm	-15.33 dB
2.496 GHz	2.556 GHz	100.000 kHz	2.53044 GHz	5.91 dBm	-24.09 dB

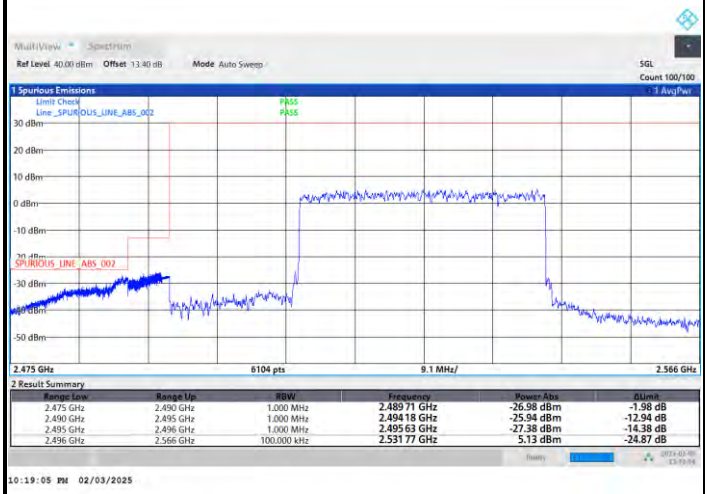
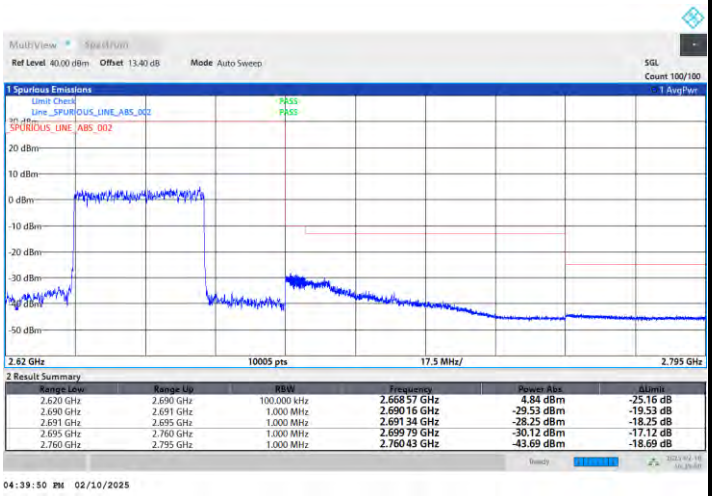
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.630 GHz	2.690 GHz	100.000 kHz	2.64945 GHz	5.37 dBm	-24.63 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69004 GHz	-29.08 dBm	-19.08 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69238 GHz	-28.30 dBm	-18.30 dB
2.695 GHz	2.750 GHz	1.000 MHz	2.69812 GHz	-31.34 dBm	-18.34 dB
2.750 GHz	2.795 GHz	1.000 MHz	2.75415 GHz	-44.75 dBm	-19.75 dB

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
	

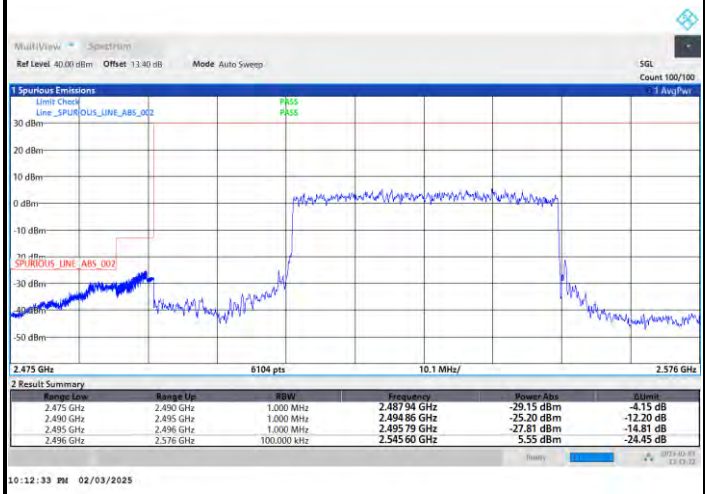
FR1 n41 / 70MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	
Lowest Channel Inner Full RB Channel power -25dBm > -27.24dBm (PASS)	
	

Lowest Band Edge / Outer Full RB	Highest Band Edge / Outer Full RB
	
Lowest Channel Outer Full RB Channel power -25dBm > -27.49dBm (PASS)	
	

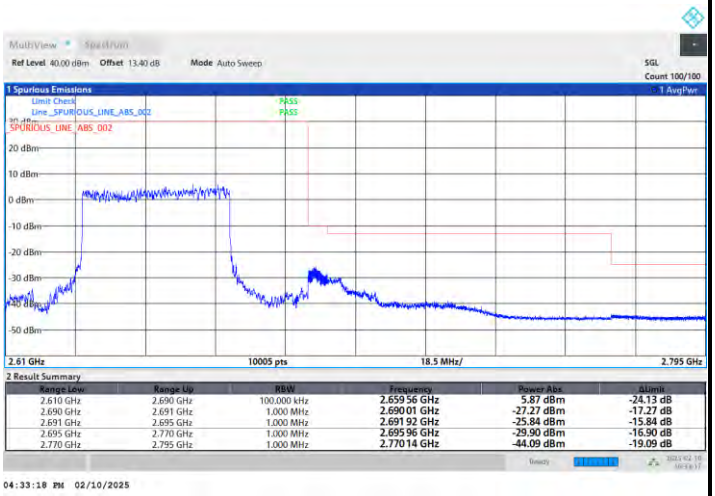
FR1 n41 / 70MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	

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

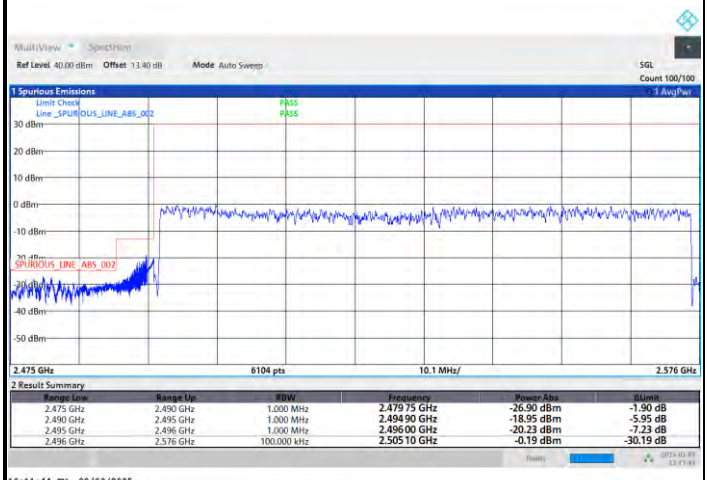
Lowest Band Edge / Inner Full RB



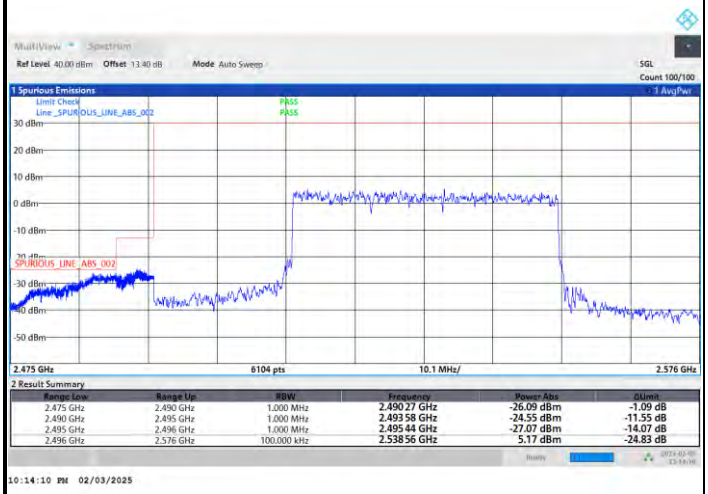
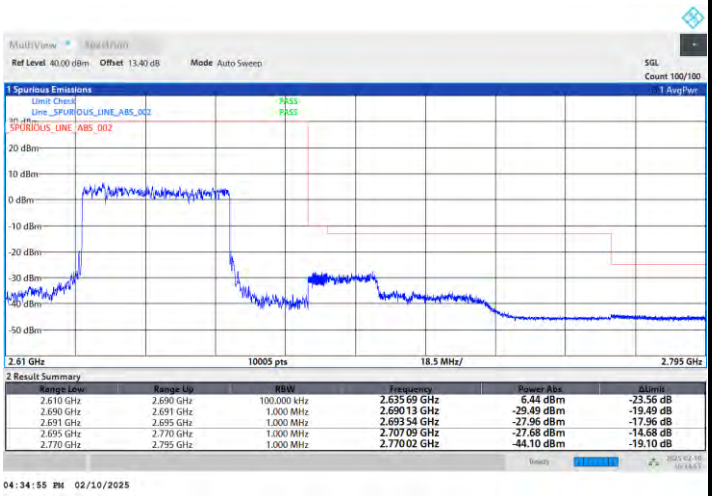
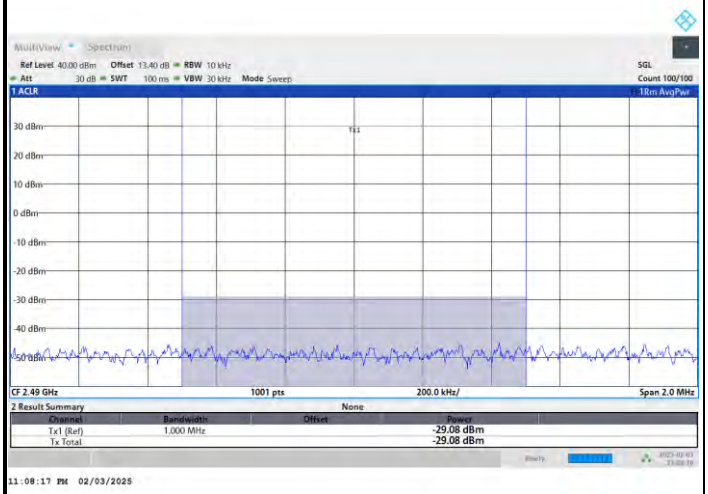
Highest Band Edge / Inner Full RB

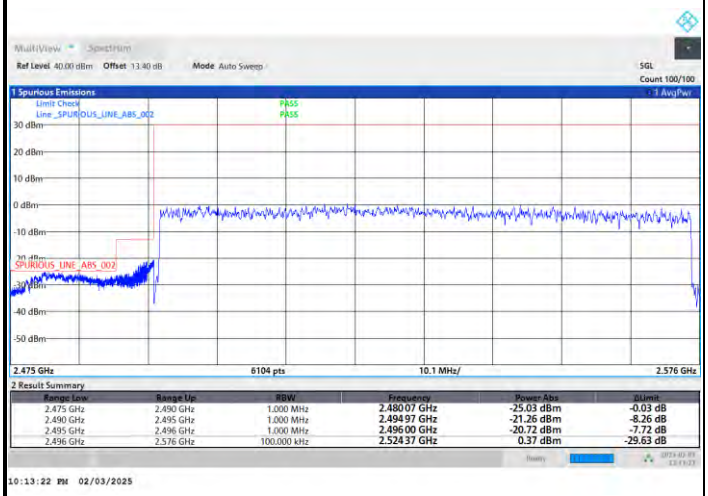
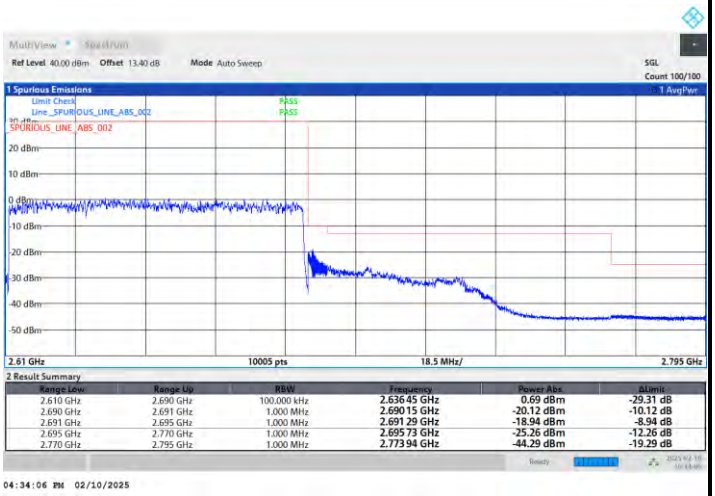
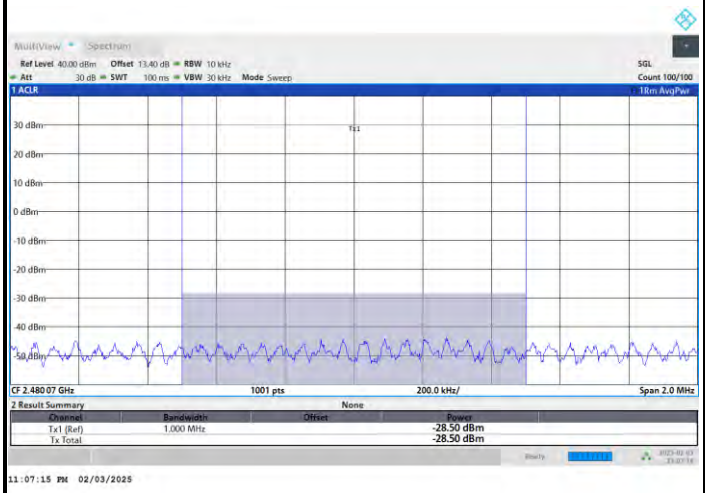


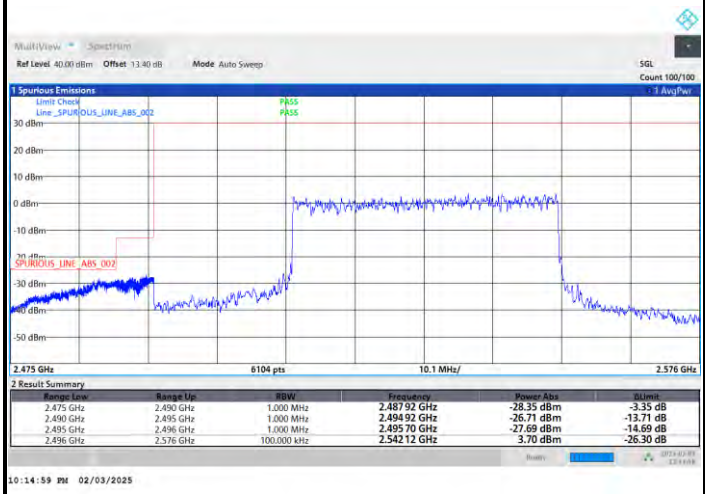
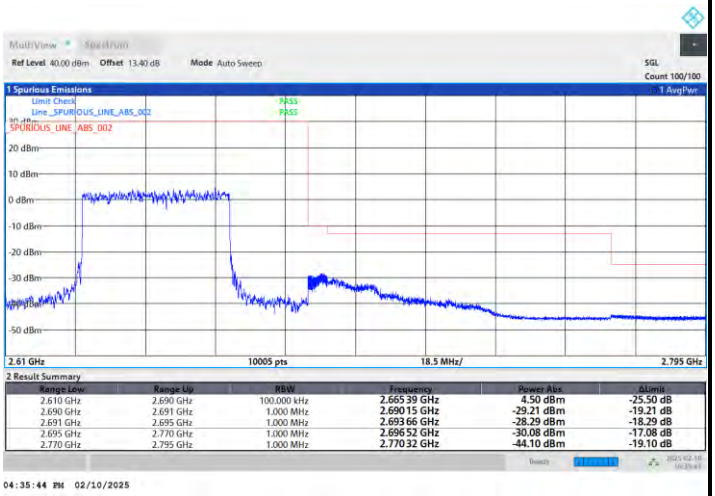
Lowest Band Edge / Outer Full RB



Highest Band Edge / Outer Full RB

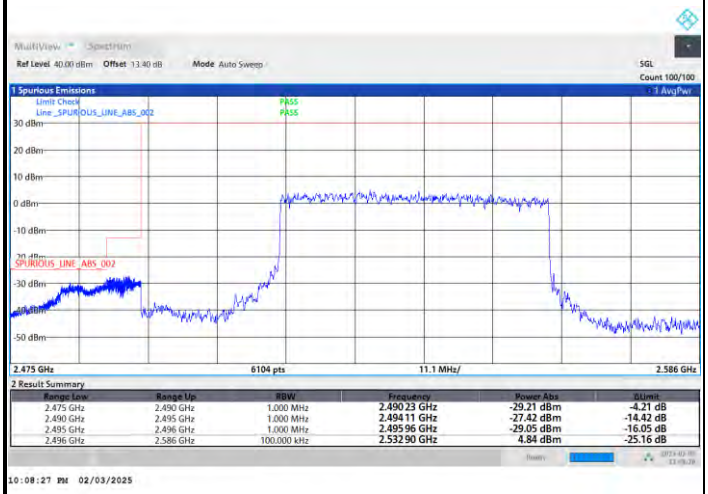
FR1 n41 / 80MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	
Lowest Channel Inner Full RB Channel power -25dBm > -29.08dBm (PASS)	
	

Lowest Band Edge / Outer Full RB	Highest Band Edge / Outer Full RB
	
Lowest Channel Outer Full RB Channel power -25dBm > -28.50dBm (PASS)	
	

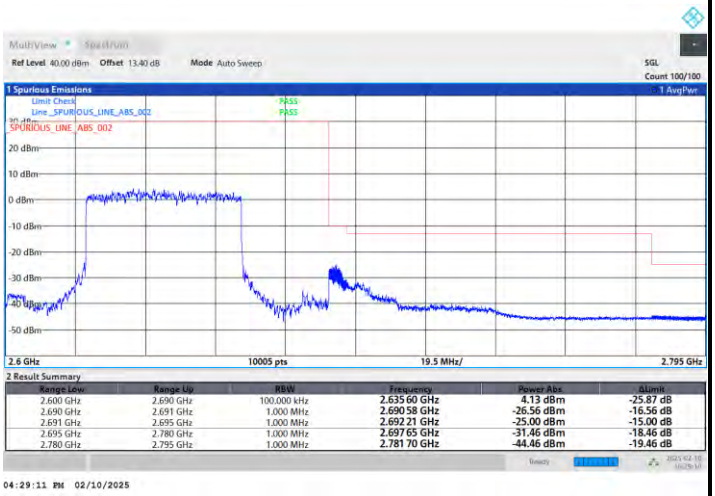
FR1 n41 / 80MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

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

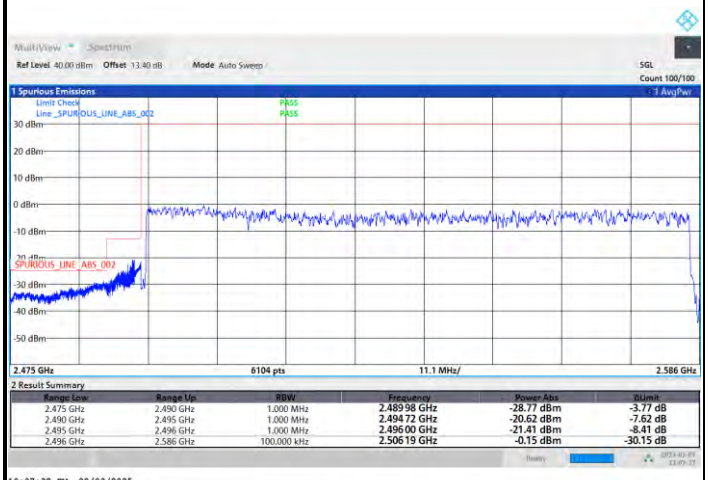
Lowest Band Edge / Inner Full RB



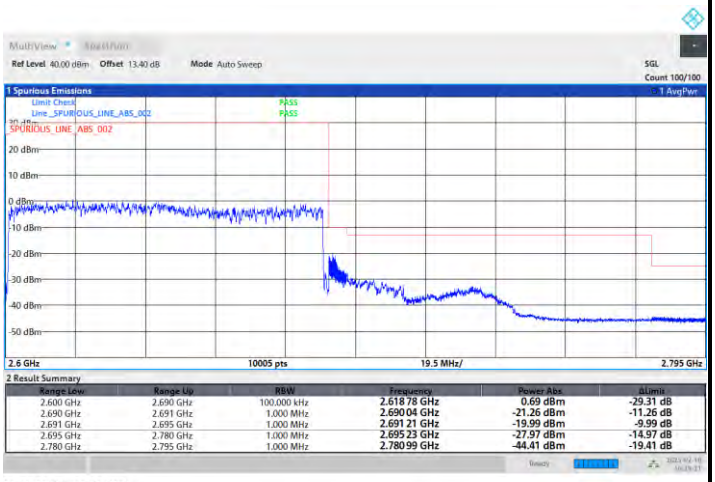
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

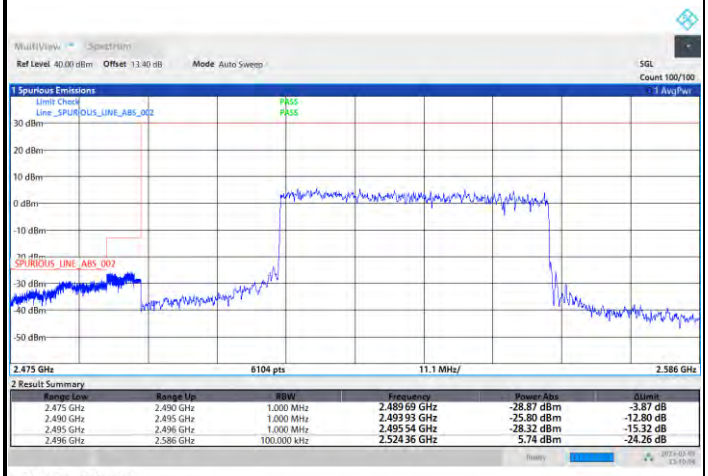


Highest Band Edge / Outer Full RB

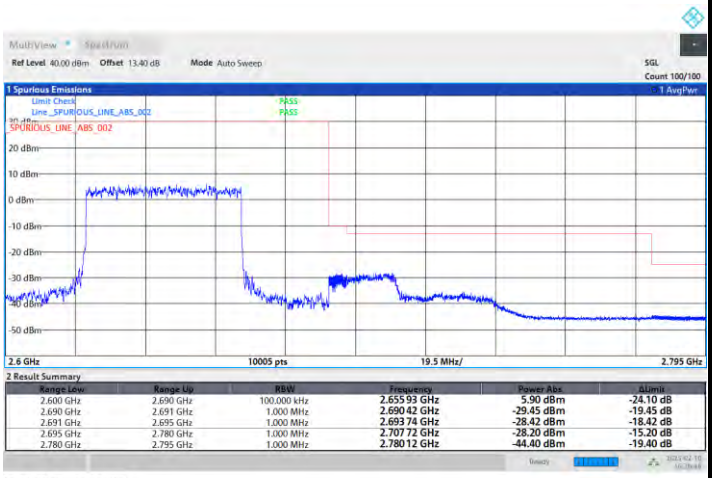


FR1 n41 / 90MHz / DFT-S OFDM / QPSK

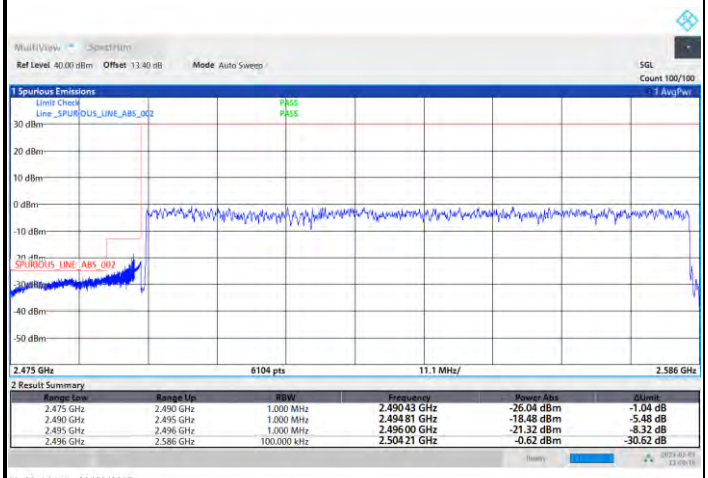
Lowest Band Edge / Inner Full RB



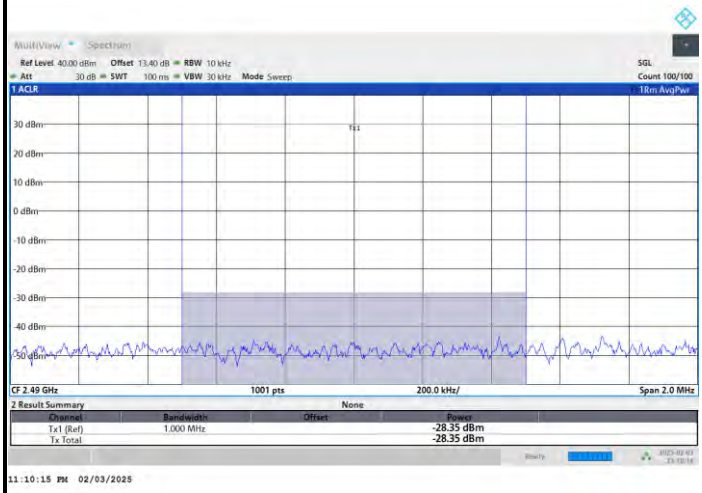
Highest Band Edge / Inner Full RB

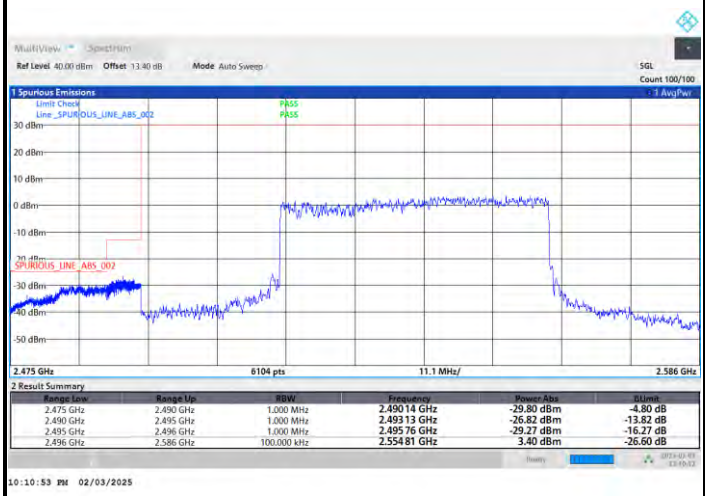
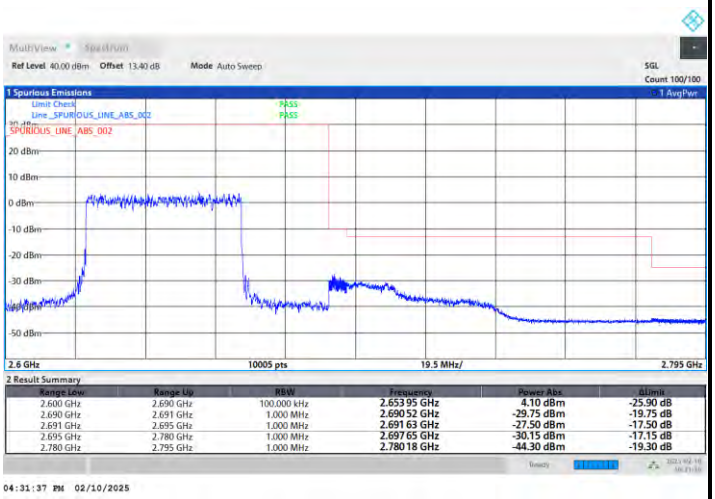


Lowest Band Edge / Outer Full RB



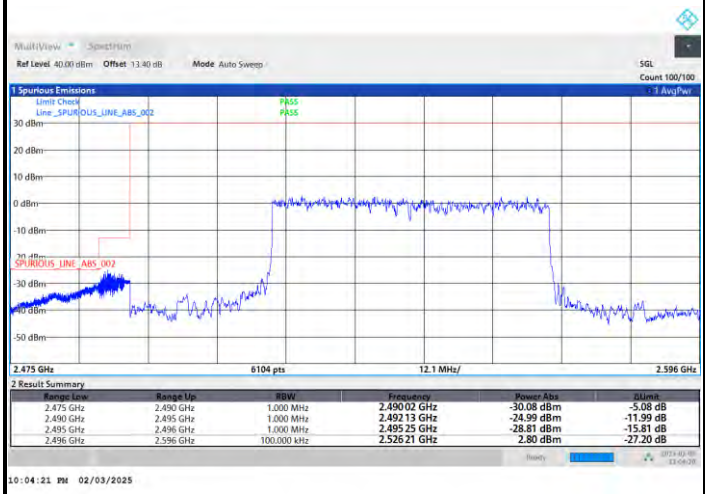
Highest Band Edge / Outer Full RB

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

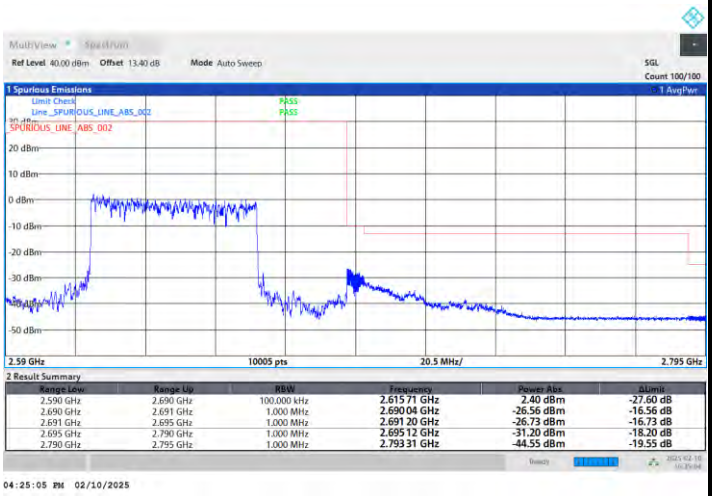
FR1 n41 / 90MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	Highest Band Edge / Inner Full RB
	

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

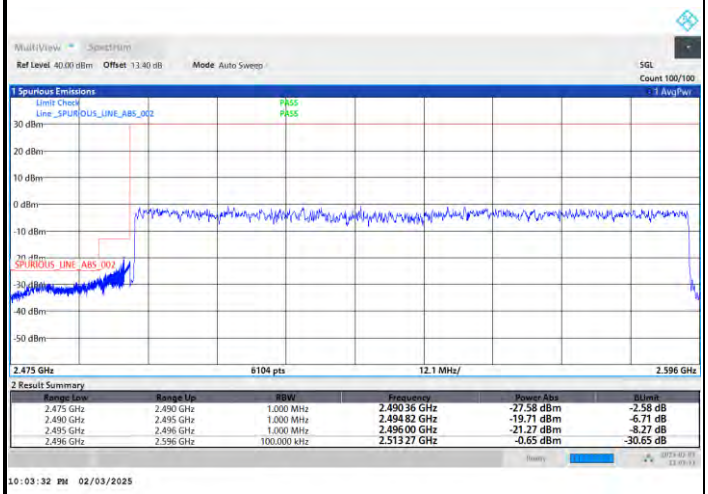
Lowest Band Edge / Inner Full RB



Highest Band Edge / Inner Full RB



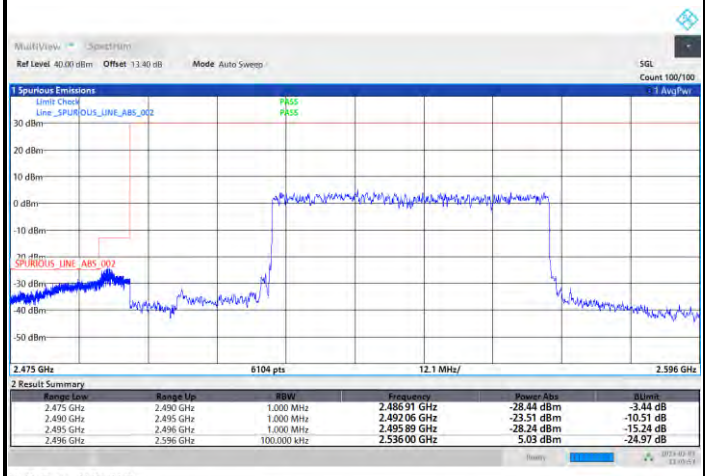
Lowest Band Edge / Outer Full RB



Highest Band Edge / Outer Full RB

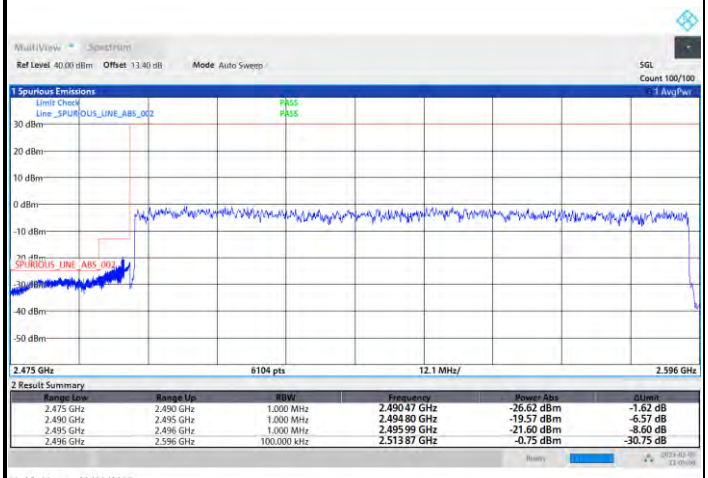
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

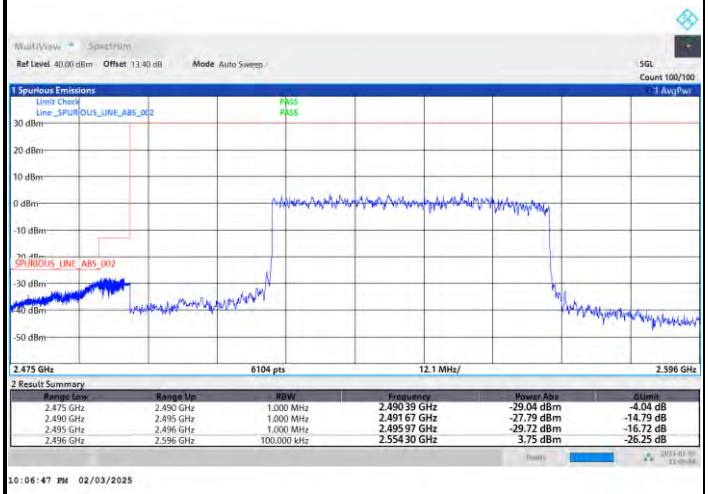
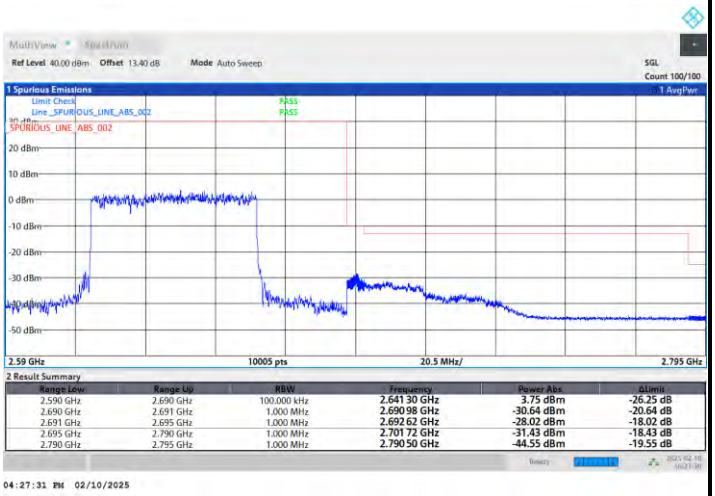


Highest Band Edge / Inner Full RB

Lowest Band Edge / Outer Full RB



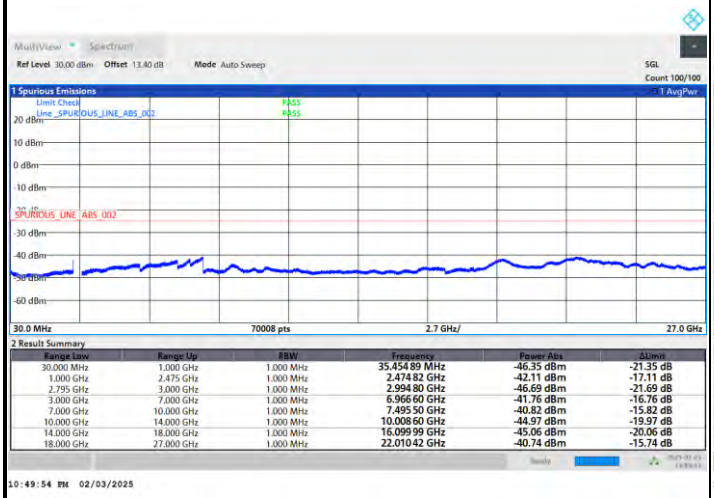
Highest Band Edge / Outer Full RB

FR1 n41 / 100MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

Conducted Spurious Emission

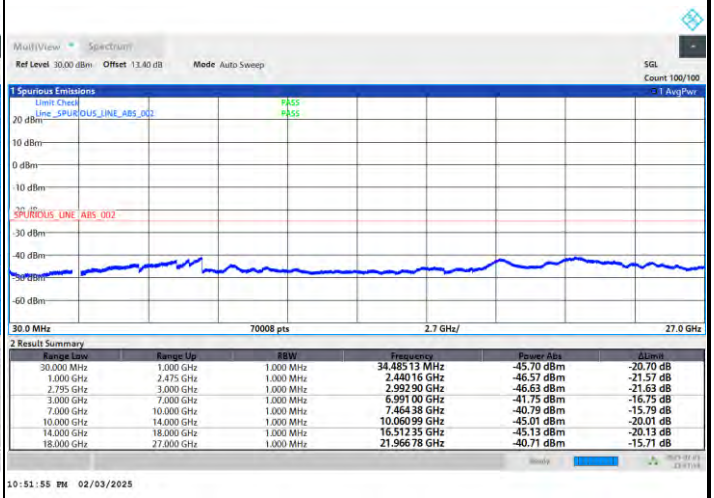
FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel



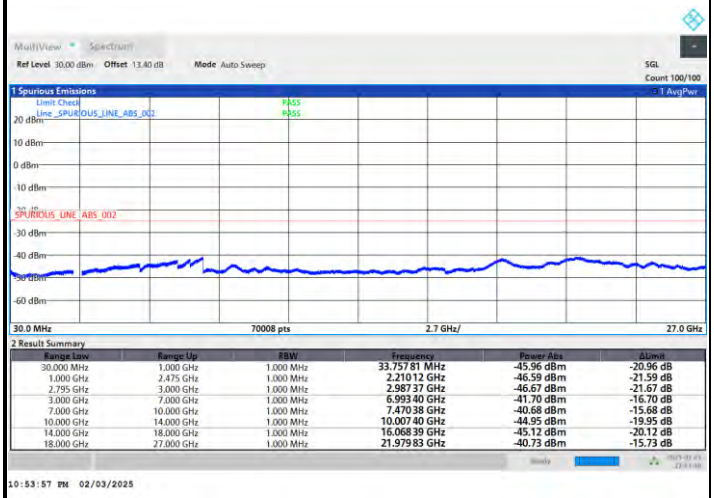
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	35.454 89 MHz	-46.35 dBm	-21.35 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.474 82 GHz	-42.11 dBm	-17.11 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.994 80 GHz	-46.69 dBm	-21.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.966 60 GHz	-41.76 dBm	-16.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.495 50 GHz	-40.82 dBm	-15.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.008 60 GHz	-44.97 dBm	-19.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.099 99 GHz	-45.06 dBm	-20.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.010 42 GHz	-40.74 dBm	-15.74 dB

Middle Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	34.485 13 MHz	-45.70 dBm	-20.70 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.440 16 GHz	-46.57 dBm	-21.57 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.992 90 GHz	-46.63 dBm	-21.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.991 00 GHz	-41.75 dBm	-16.75 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.464 38 GHz	-40.79 dBm	-15.79 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.060 99 GHz	-45.01 dBm	-20.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.512 35 GHz	-45.13 dBm	-20.13 dB
18.000 GHz	27.000 GHz	1.000 MHz	21.966 78 GHz	-40.71 dBm	-15.71 dB

Highest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	33.757 81 MHz	-45.96 dBm	-20.96 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.210 12 GHz	-46.59 dBm	-21.59 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.987 37 GHz	-46.67 dBm	-21.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.993 40 GHz	-41.70 dBm	-16.70 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.470 38 GHz	-40.68 dBm	-15.68 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.007 40 GHz	-44.95 dBm	-19.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.068 39 GHz	-45.12 dBm	-20.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	21.979 83 GHz	-40.73 dBm	-15.73 dB

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

Peak-to-Average Ratio

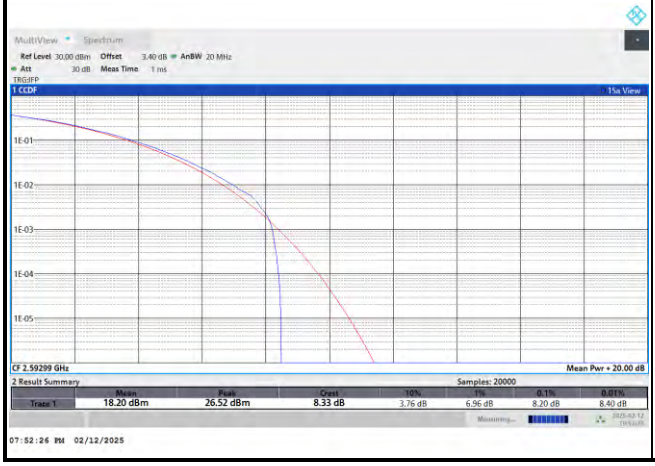
Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.00	7.94	8.20	8.84	PASS

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

QPSK

16QAM

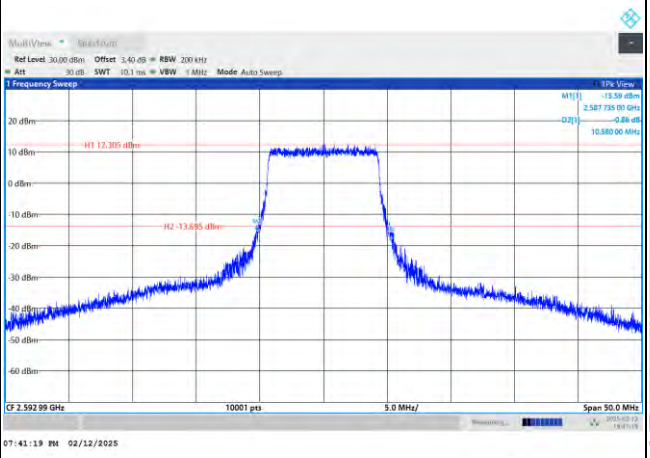
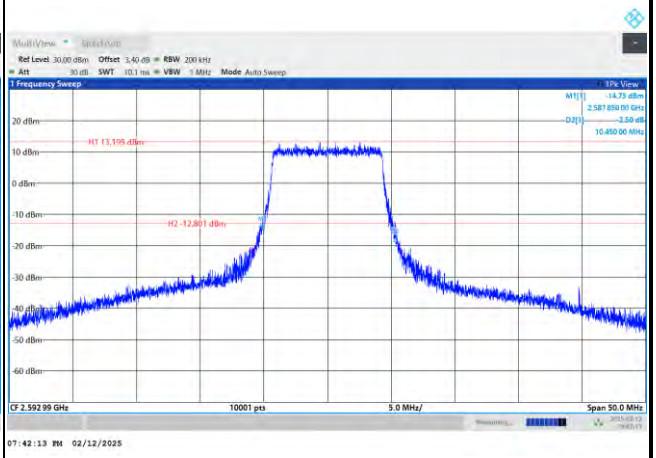
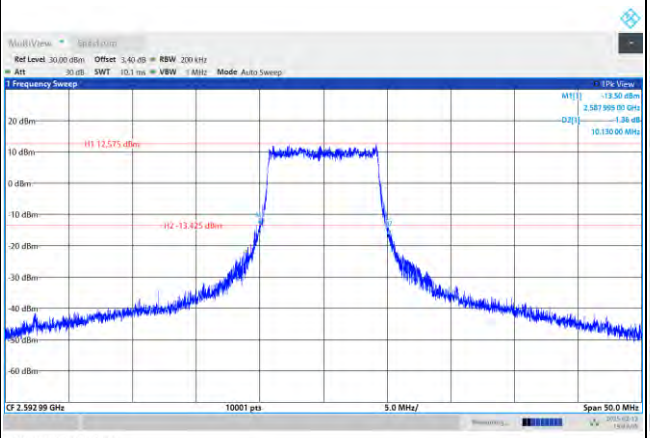
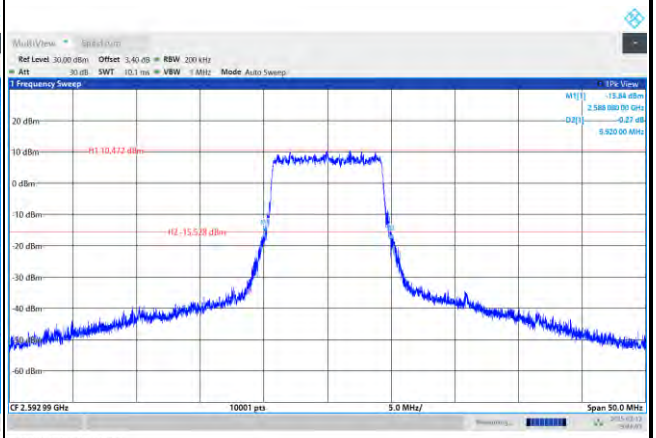
64QAM

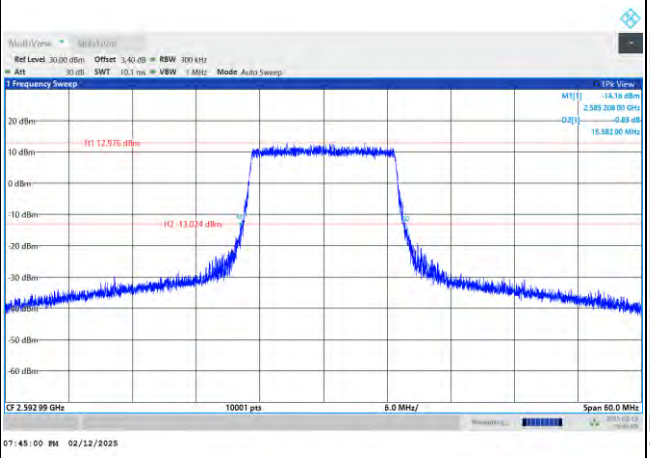
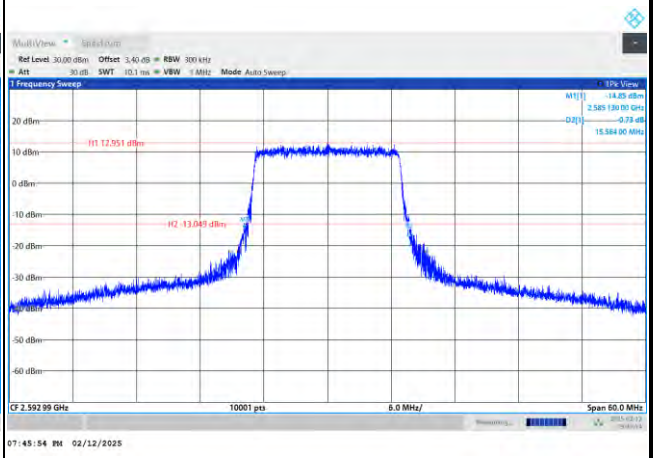
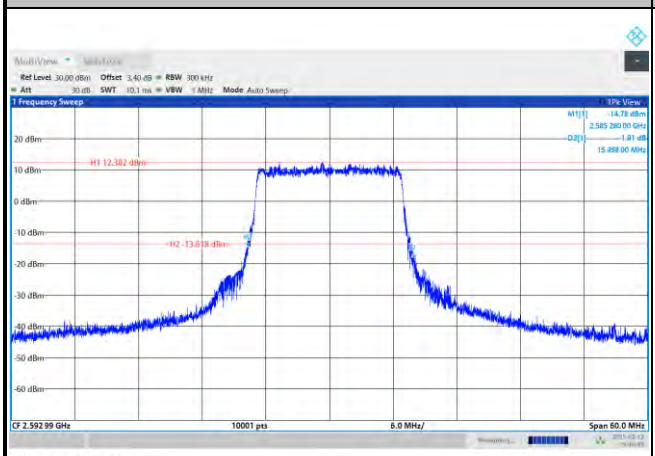
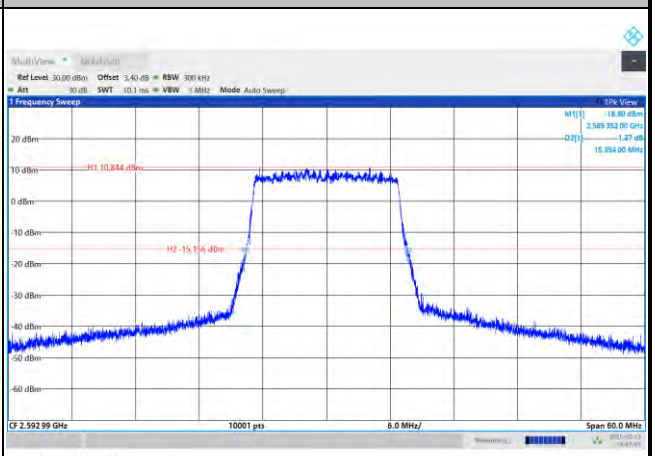


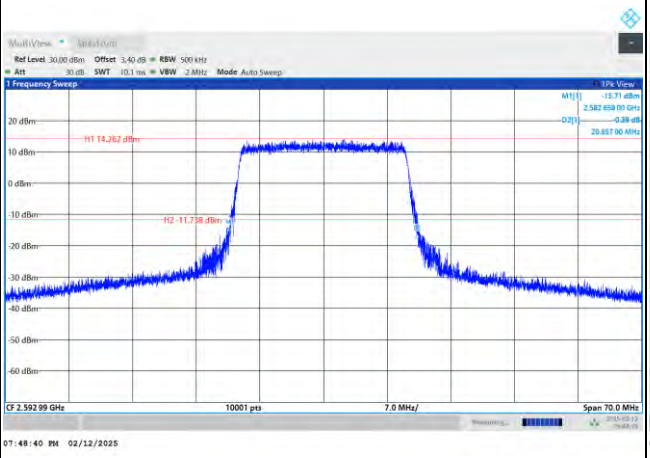
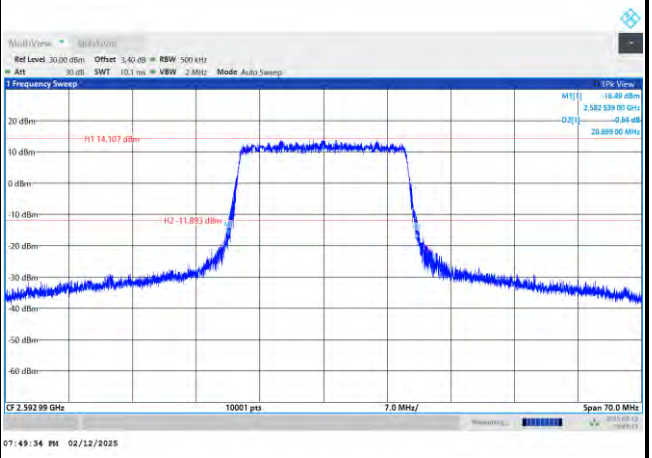
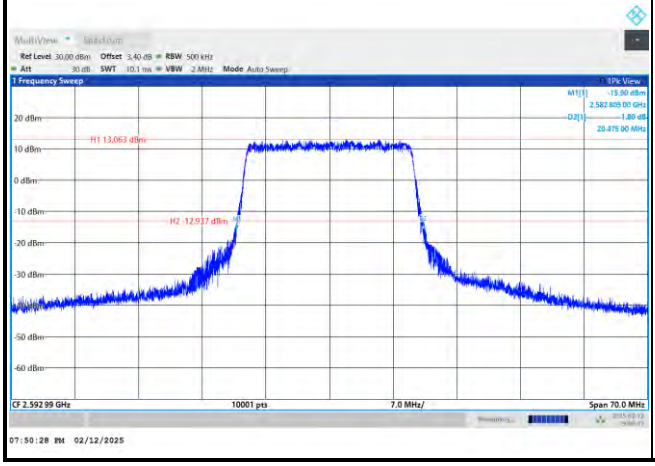
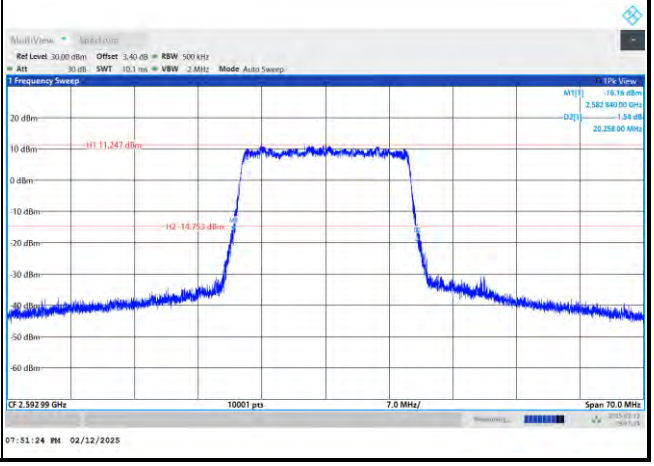
256QAM

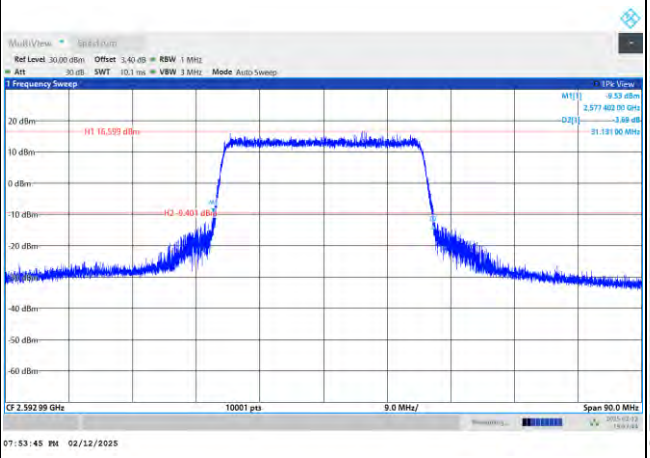
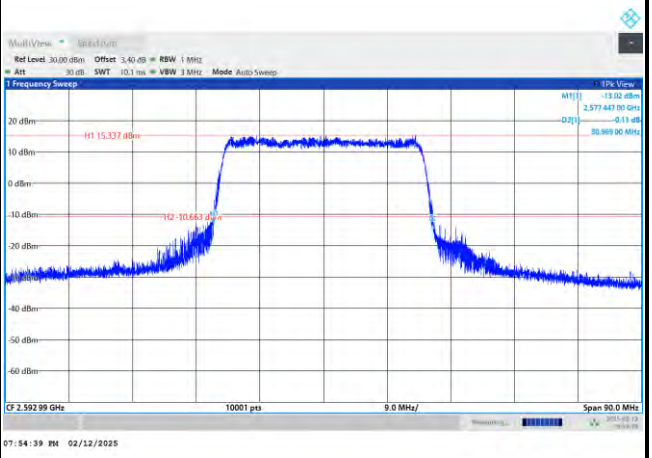
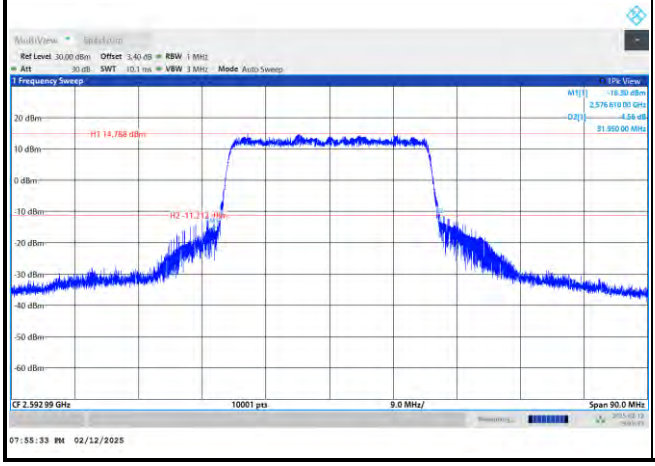
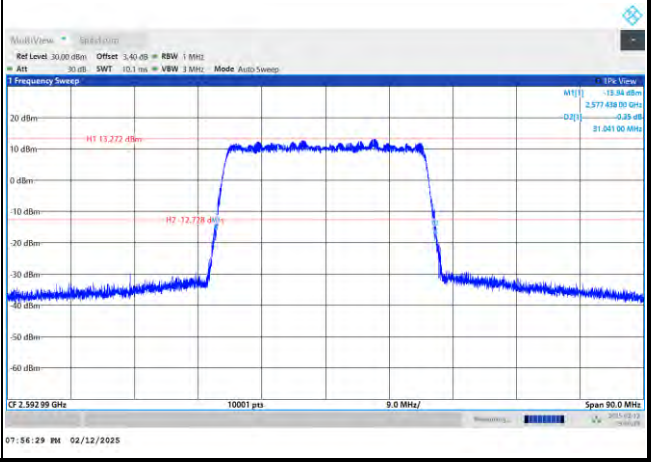
26dB Bandwidth

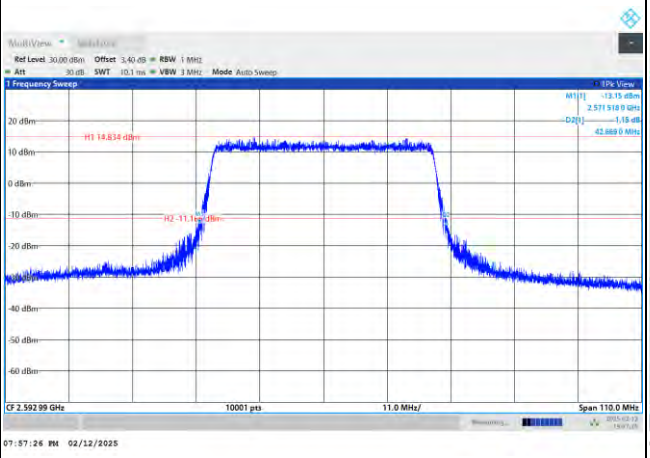
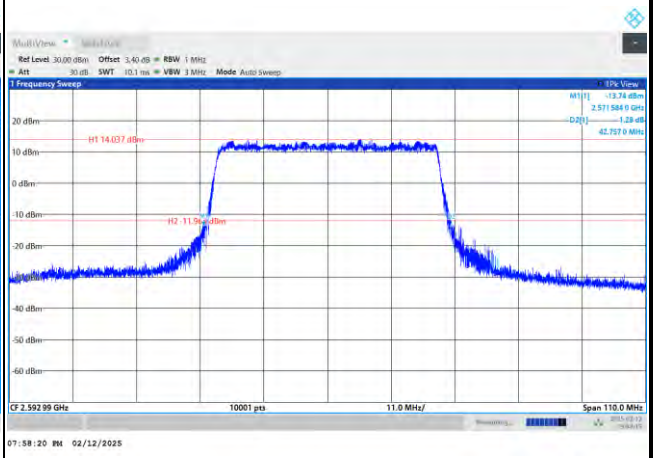
Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.58	10.45	15.58	15.56	20.65	20.69	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.13	9.92	15.49	15.35	20.47	20.25	-	-
BW	30MHz		40MHz		50MHz		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 / 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	16QAM
	
64QAM	256QAM
	

FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
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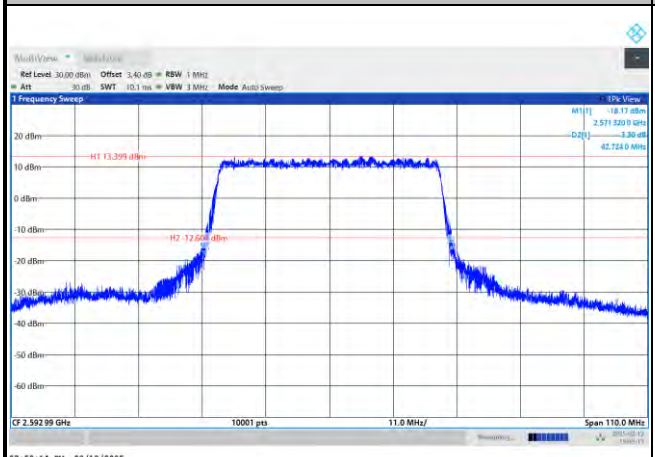
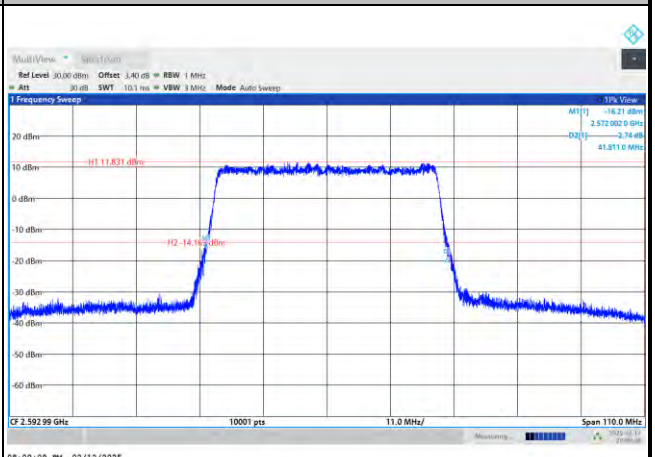
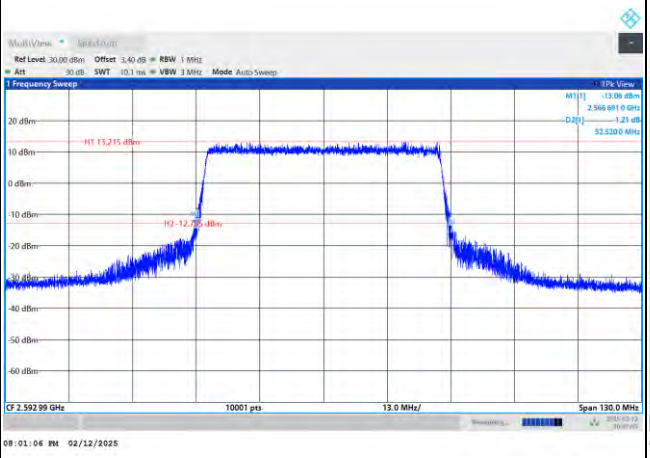
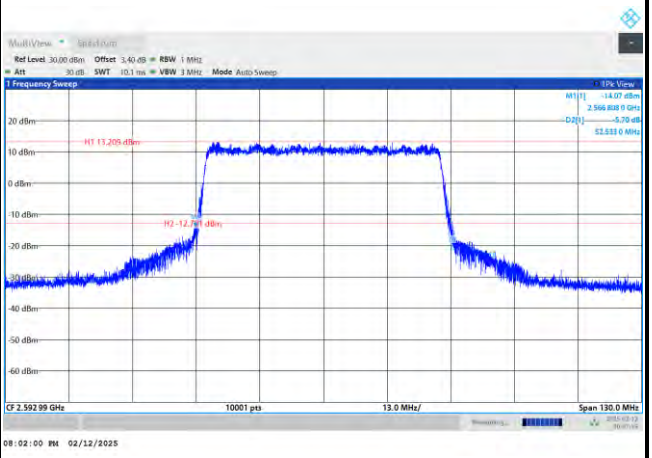
	

FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
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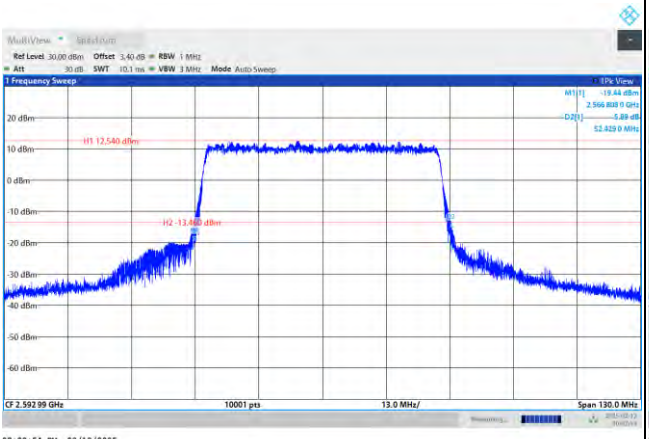
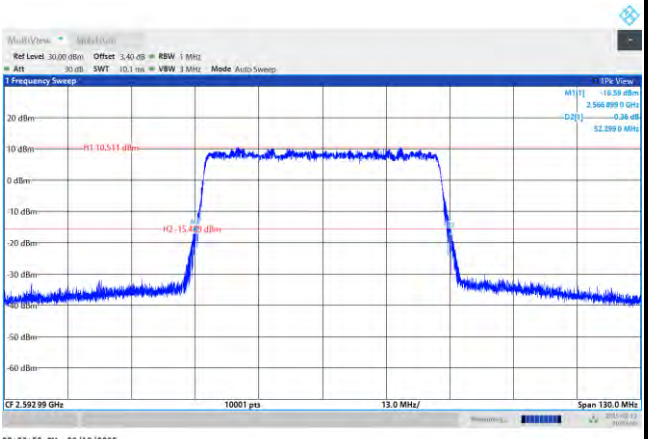
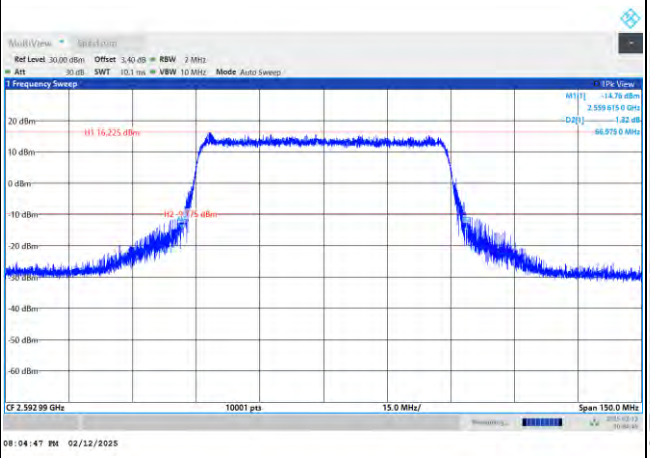
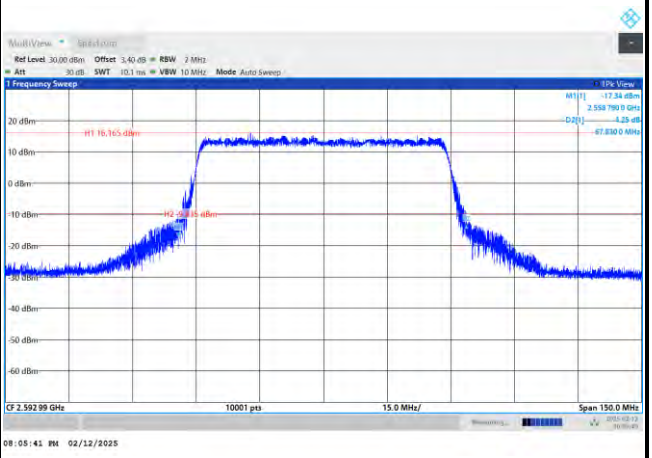
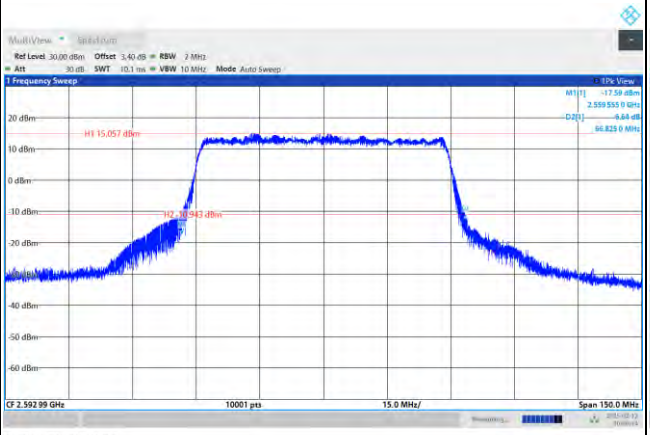
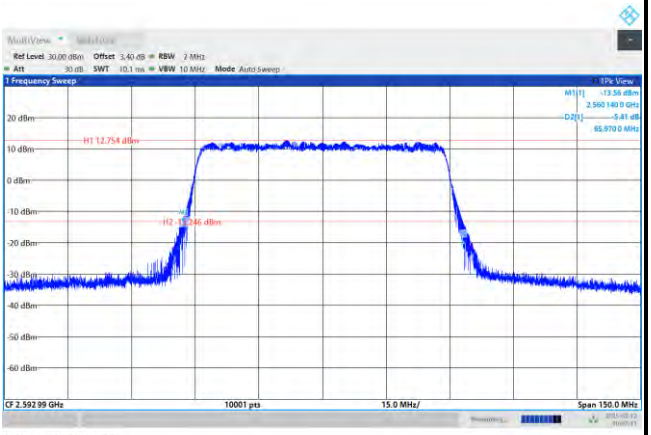
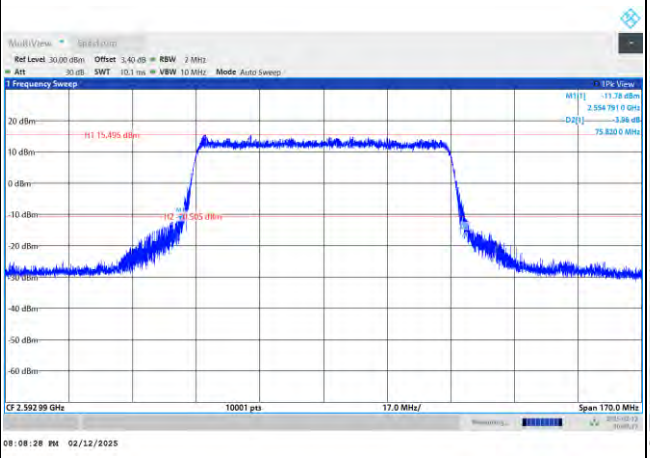
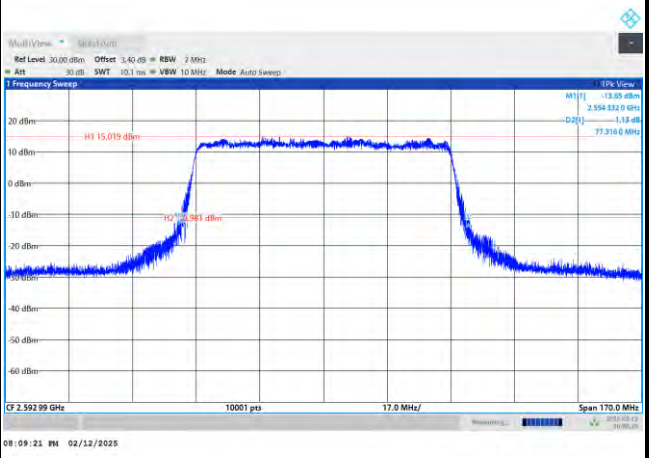
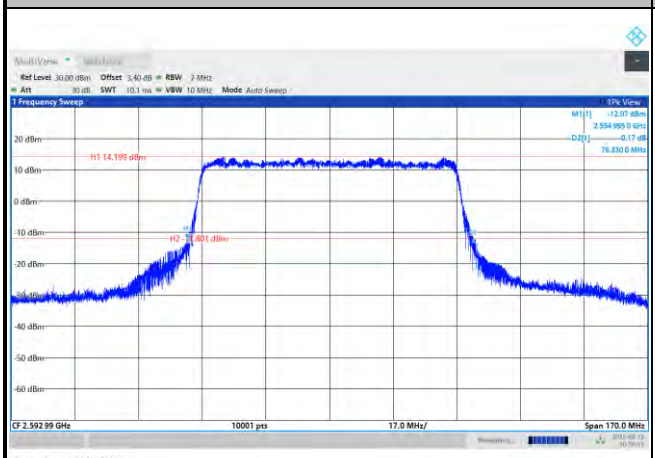
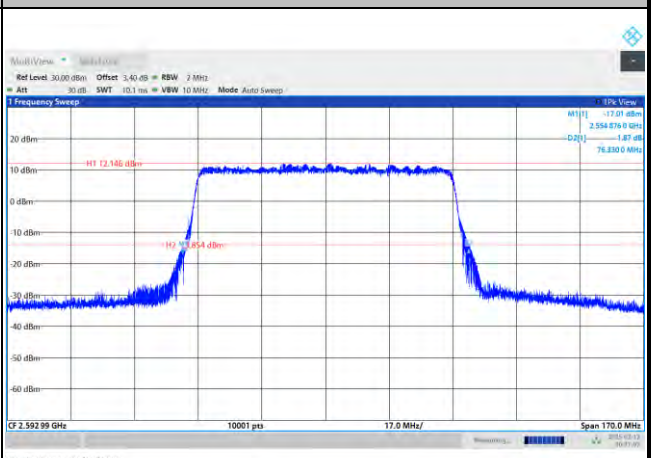
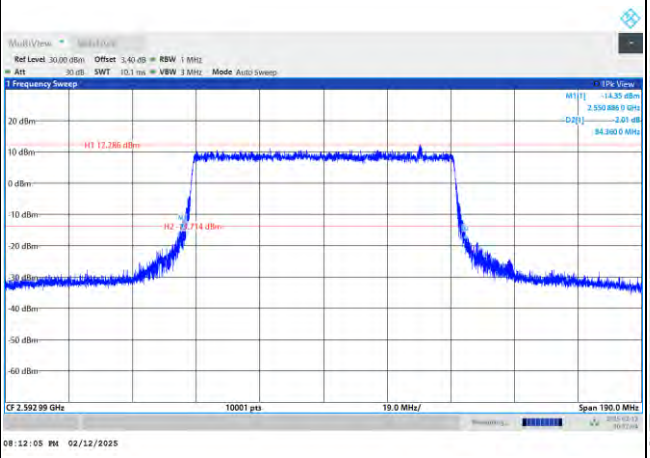
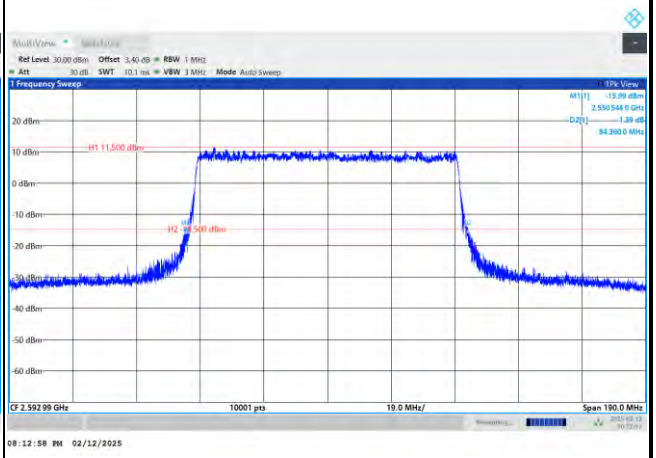
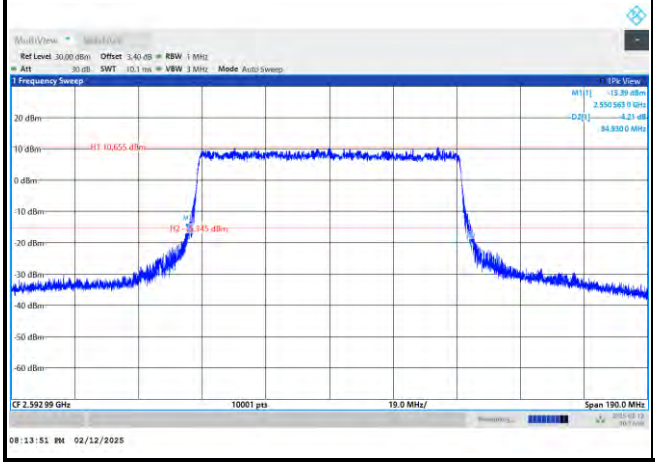
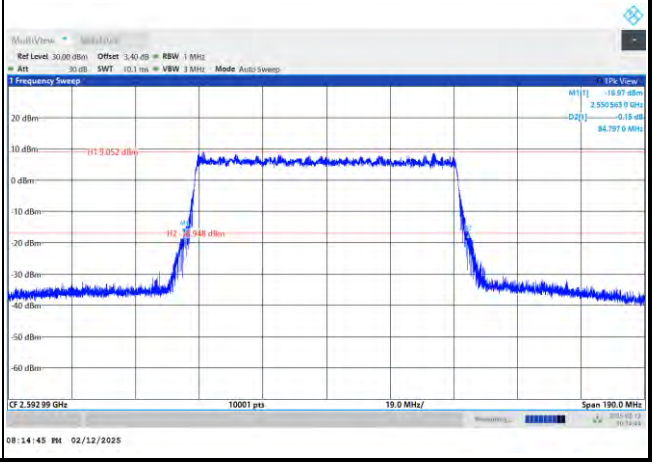
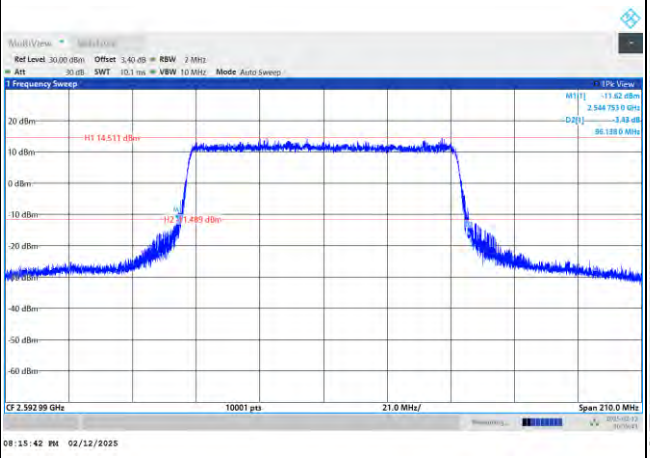
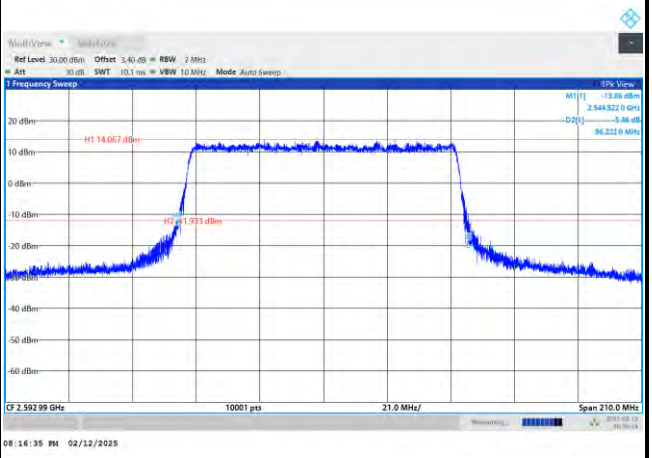
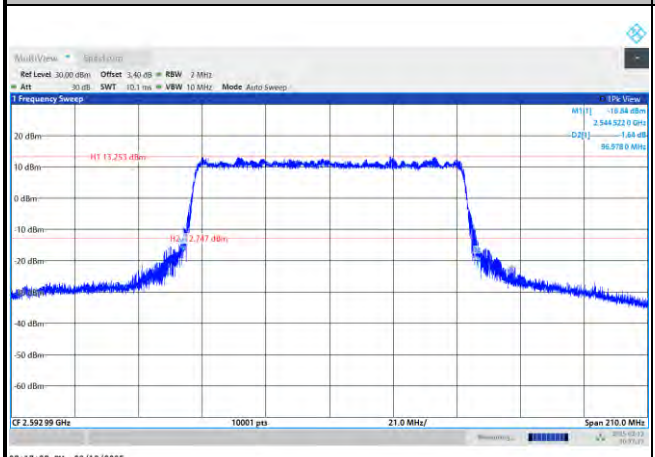
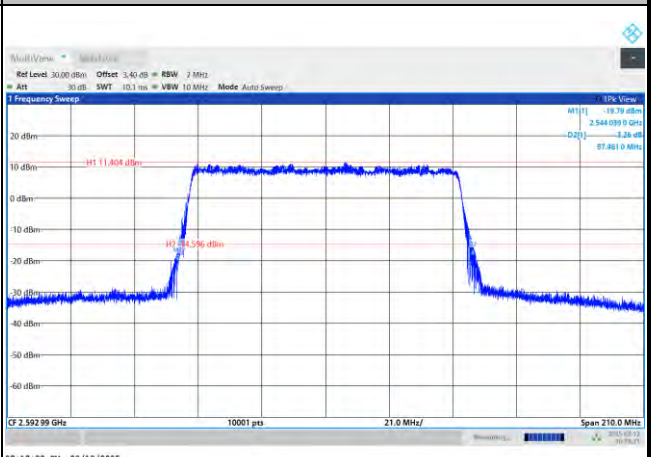
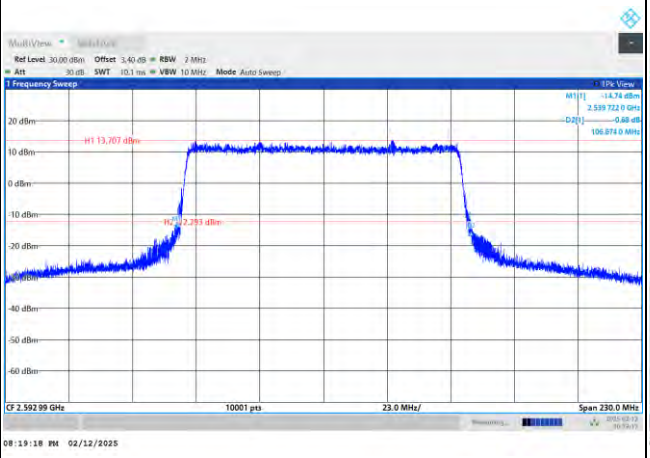
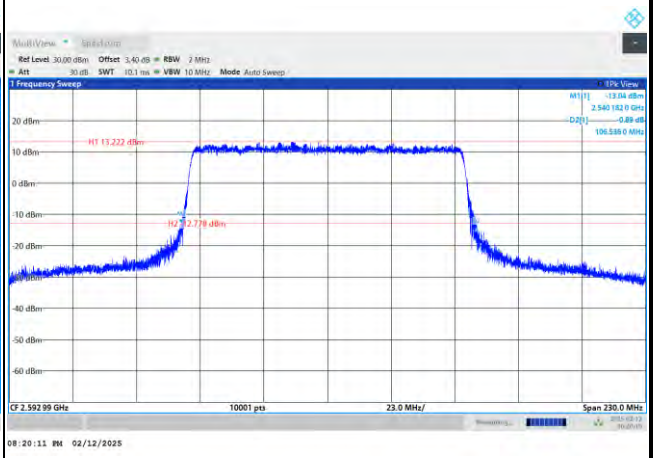
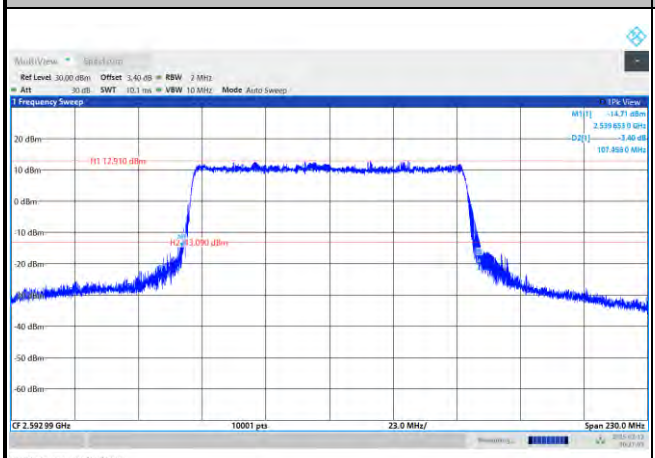
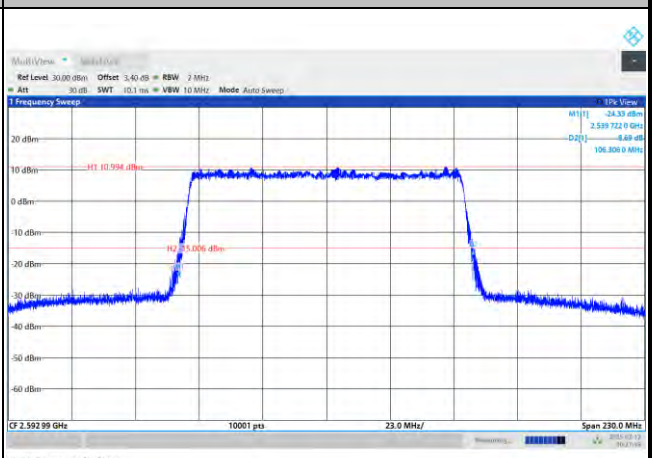
	

FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

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
	

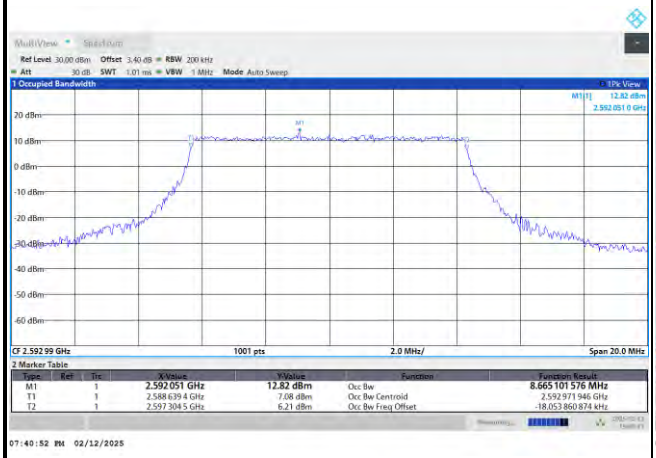
FR1 n41 / 100MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

Occupied Bandwidth

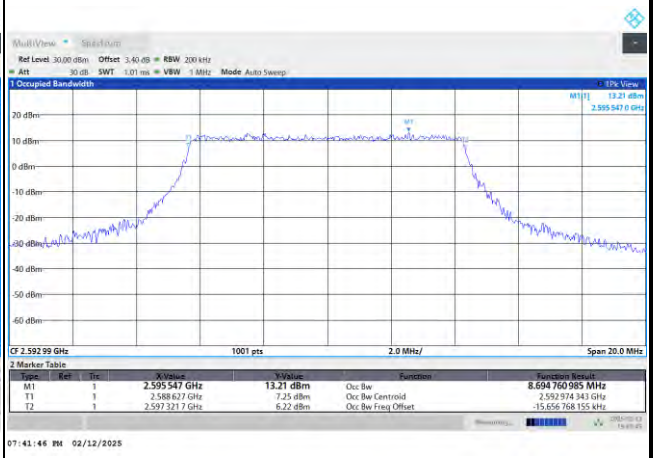
Mode	FR1 n41 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.66	8.69	13.68	13.65	18.34	18.35	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.65	8.62	13.63	13.61	18.30	18.32	-	-
BW	30MHz		40MHz		50MHz		60MHz	
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

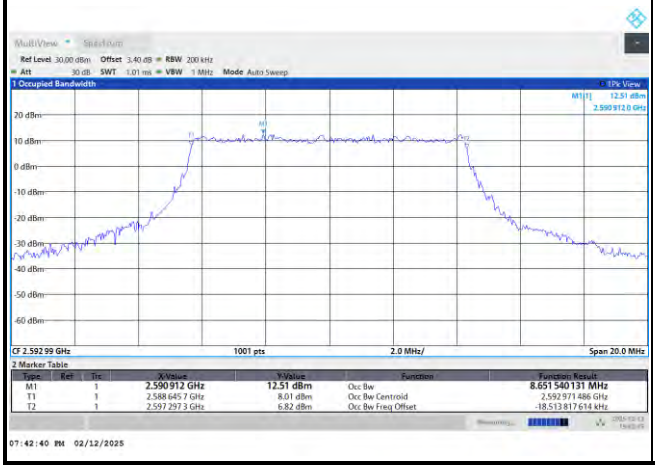
QPSK



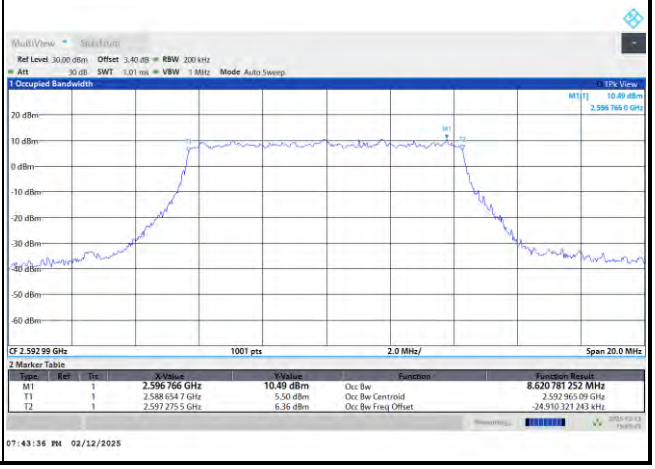
16QAM

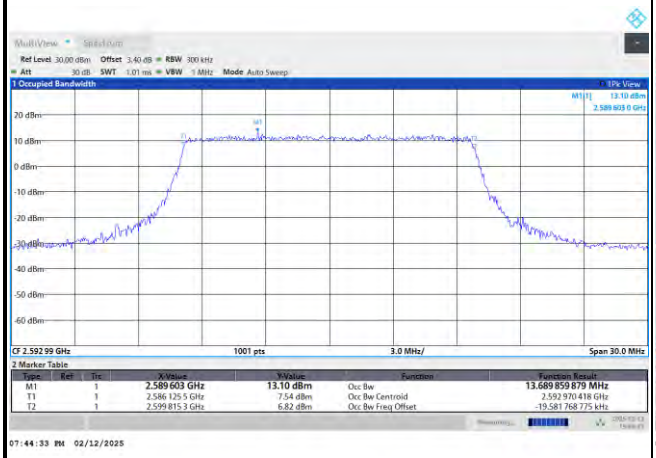
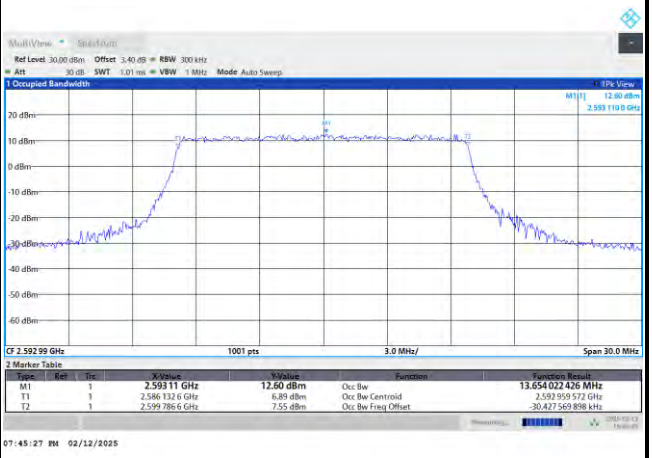
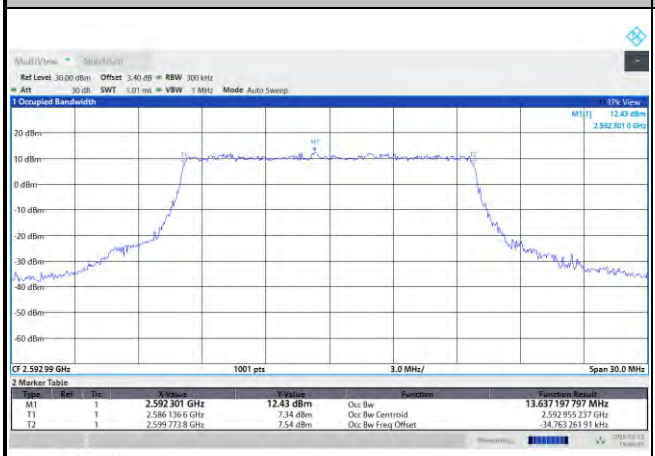
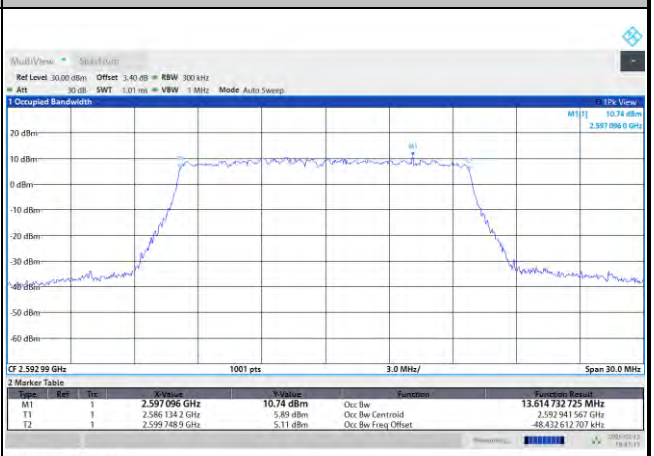


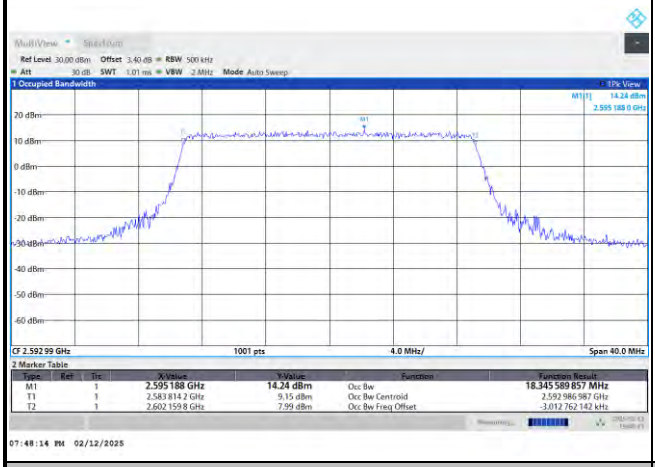
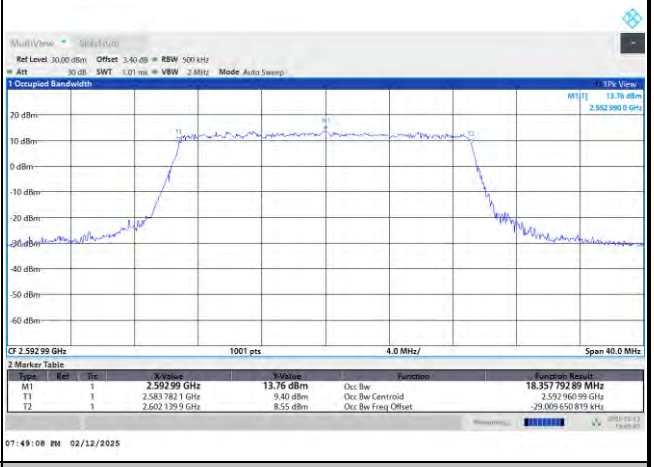
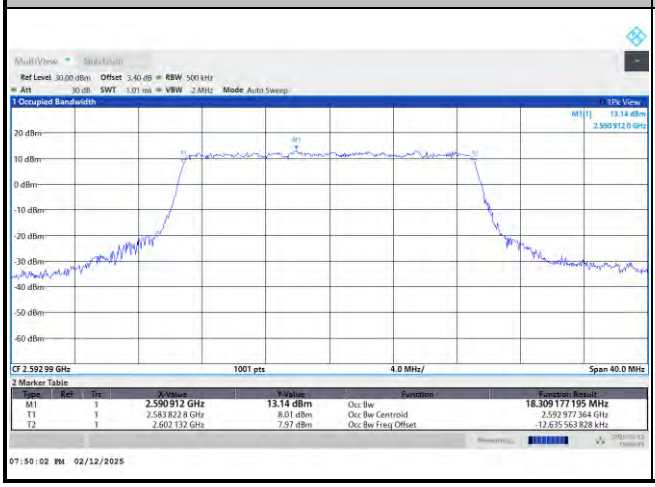
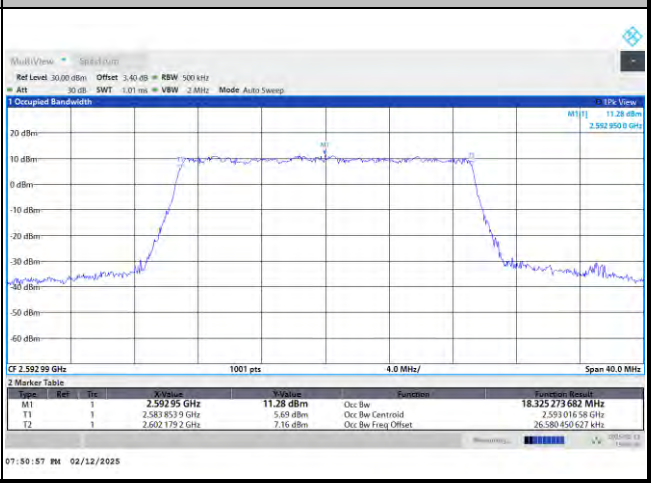
64QAM

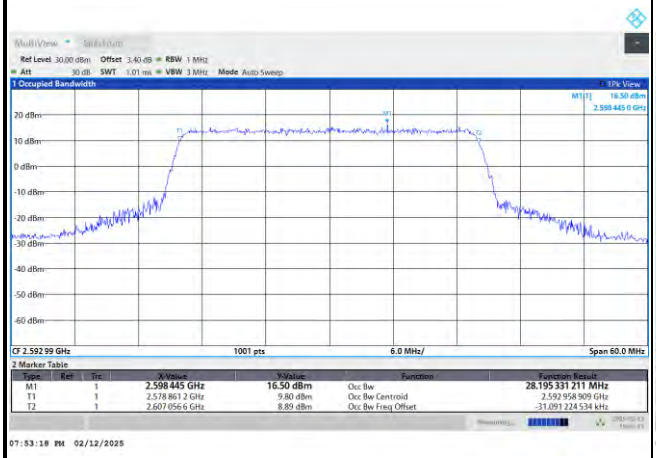
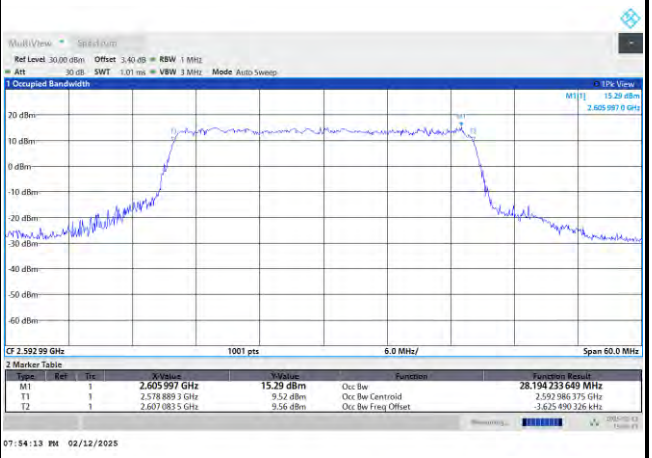


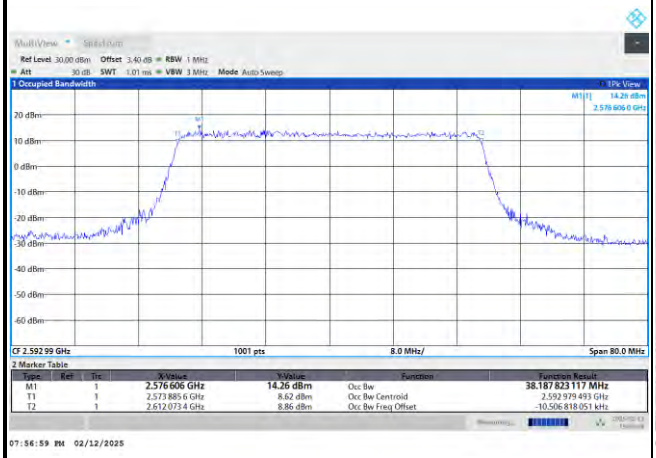
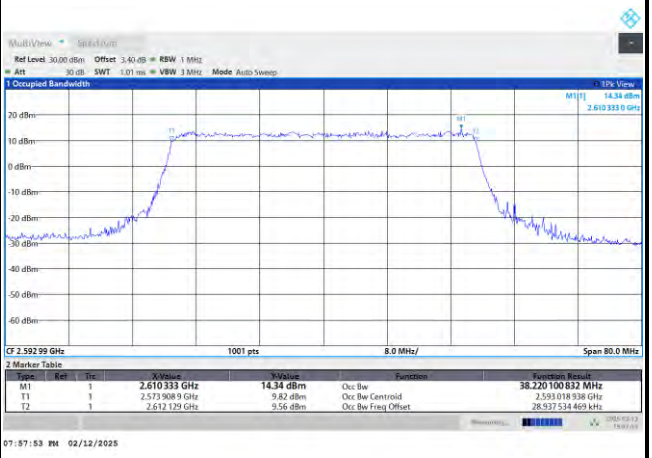
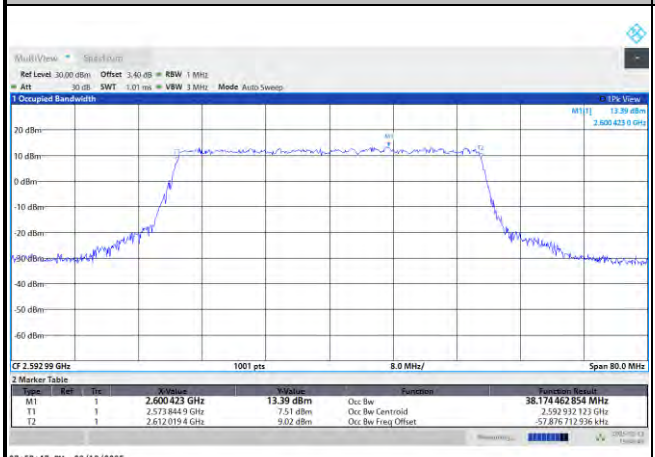
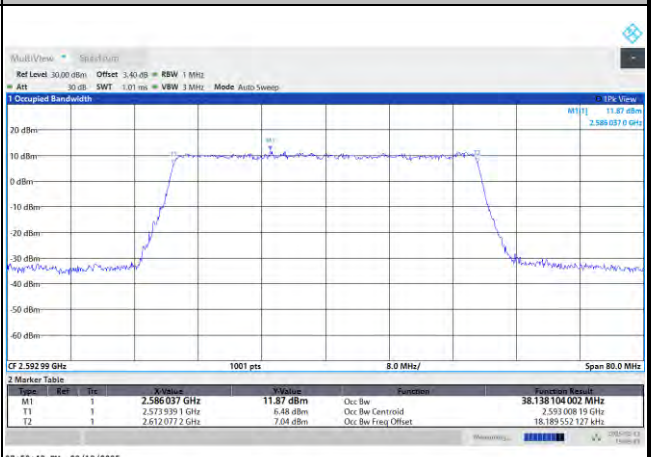
256QAM

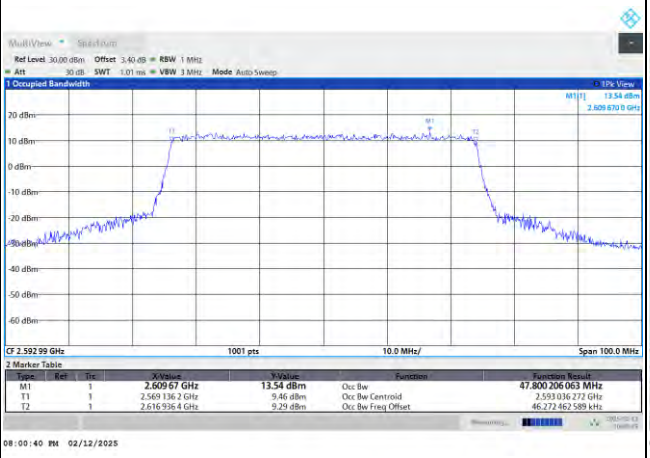
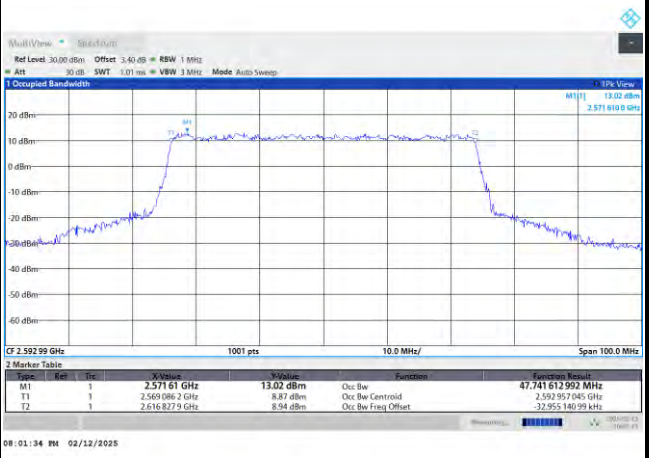
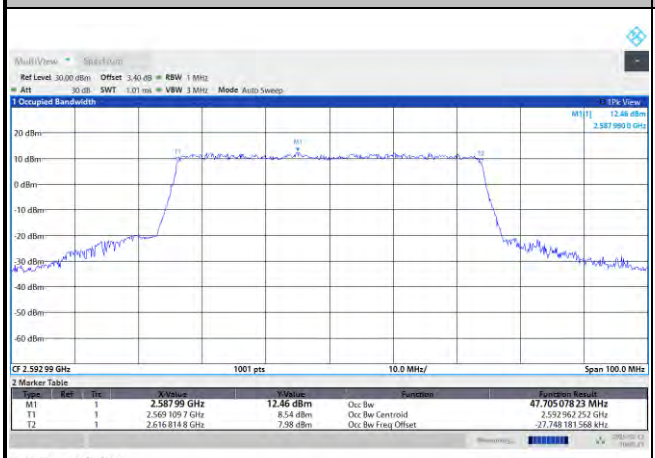
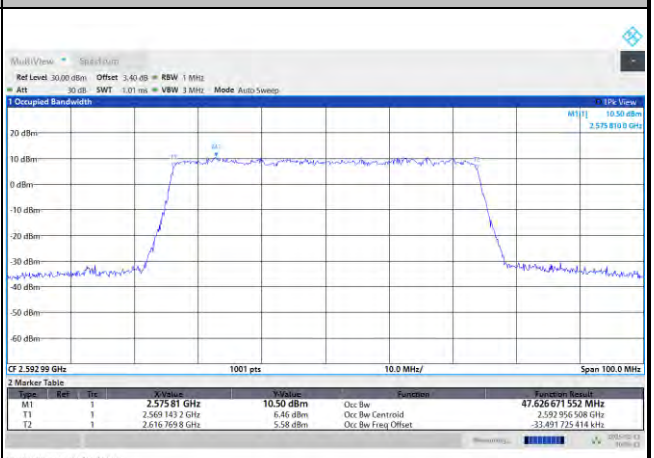


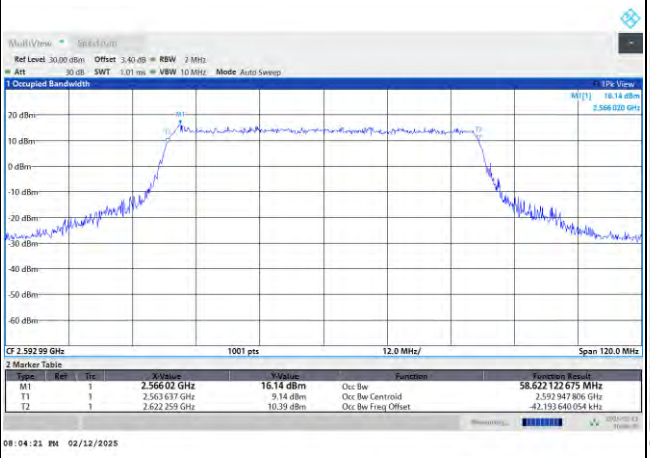
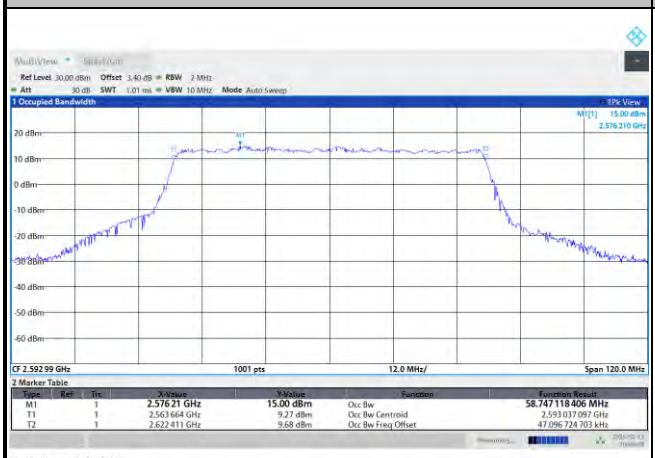
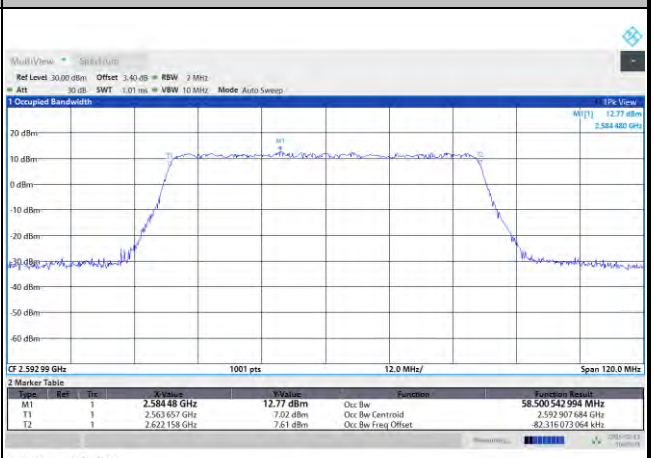
FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

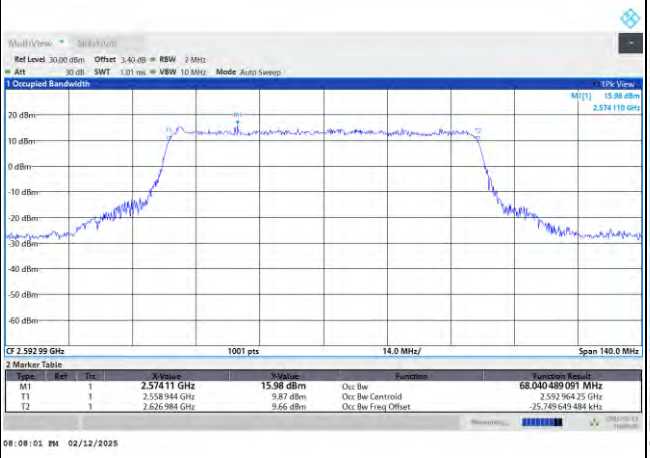
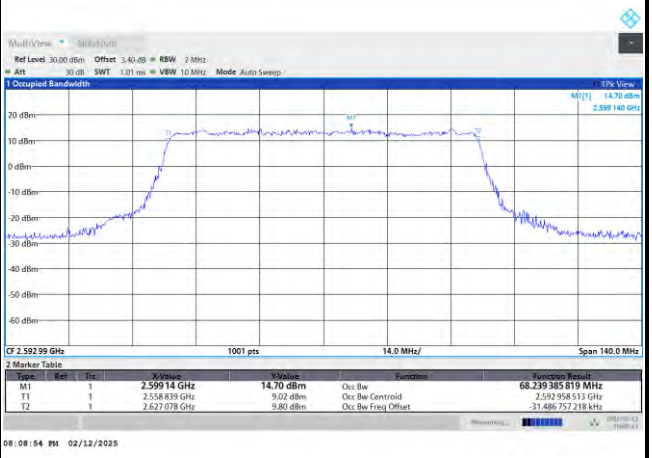
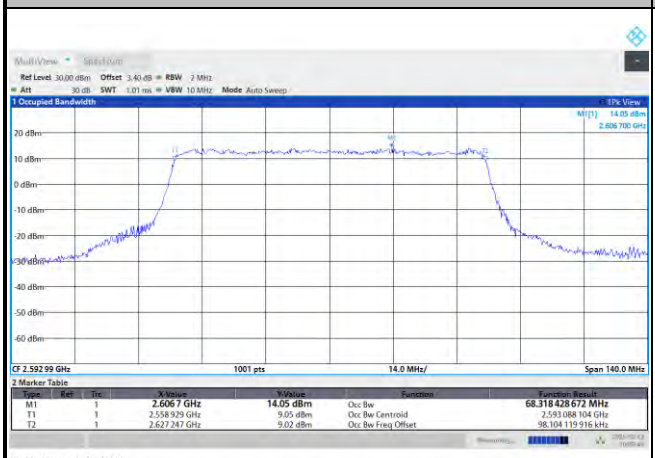
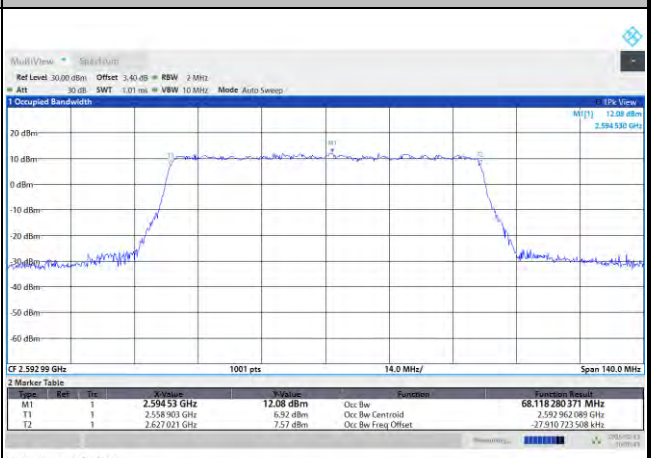
FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

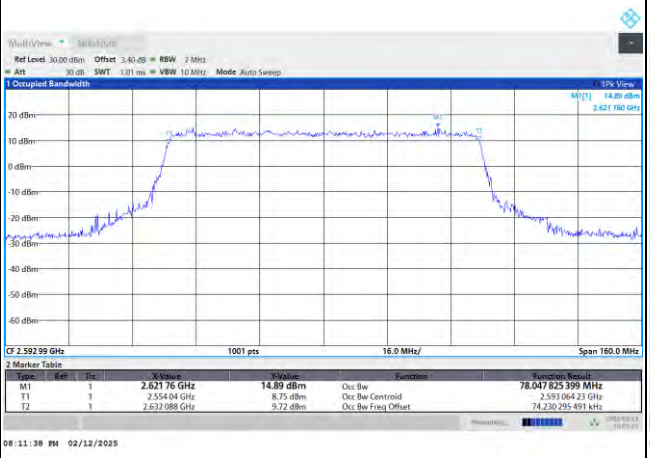
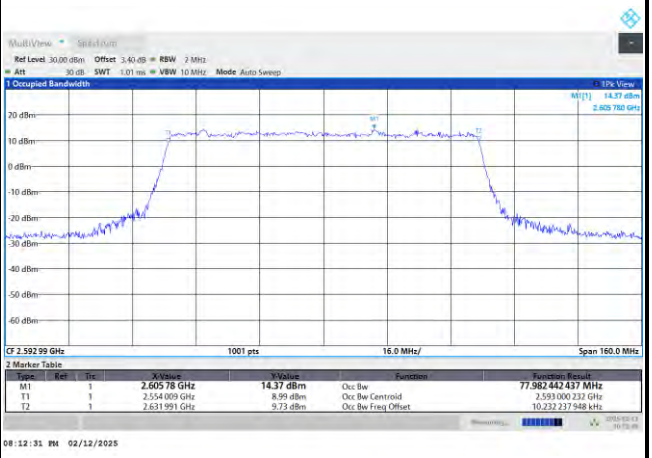
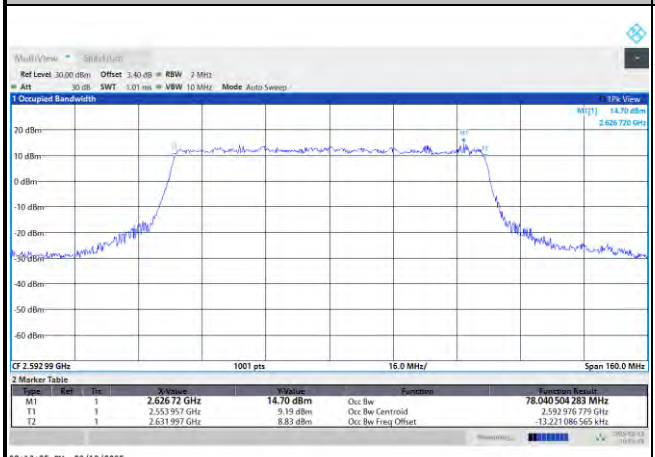
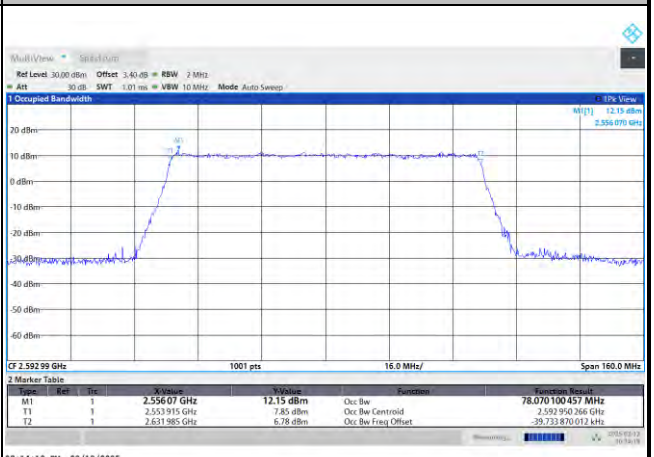
FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM

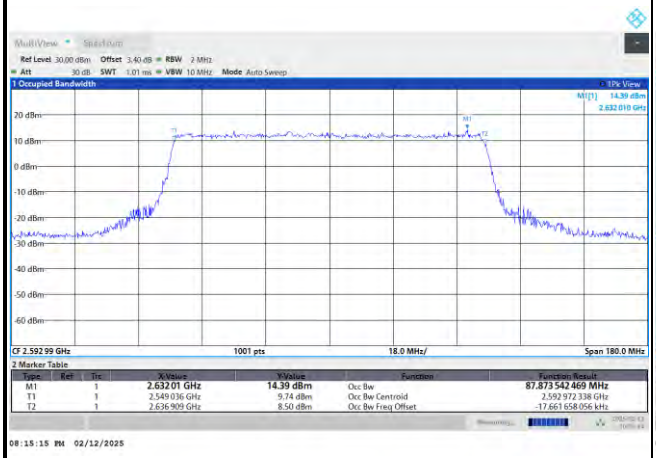
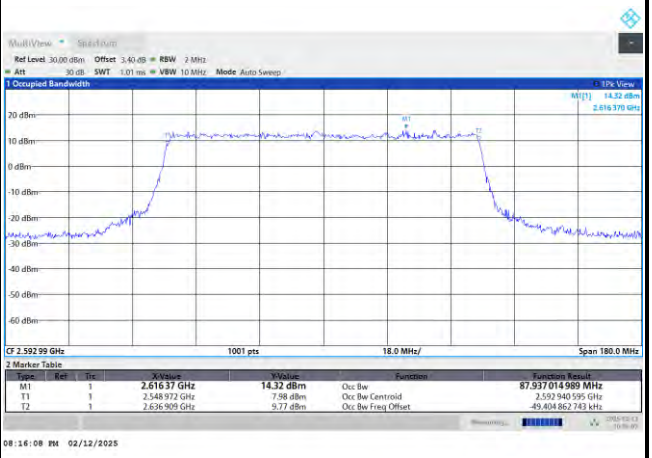
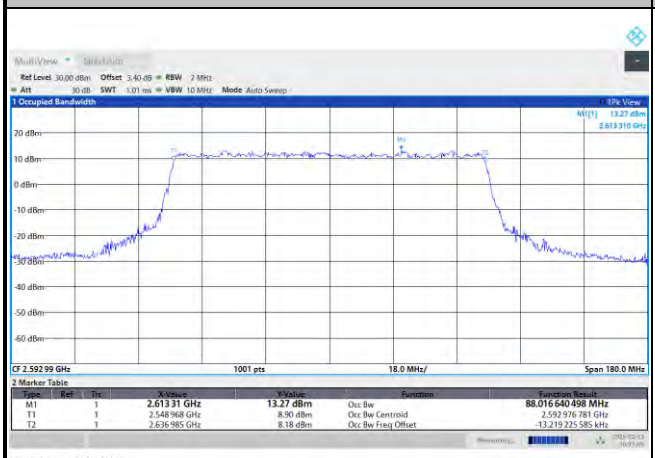
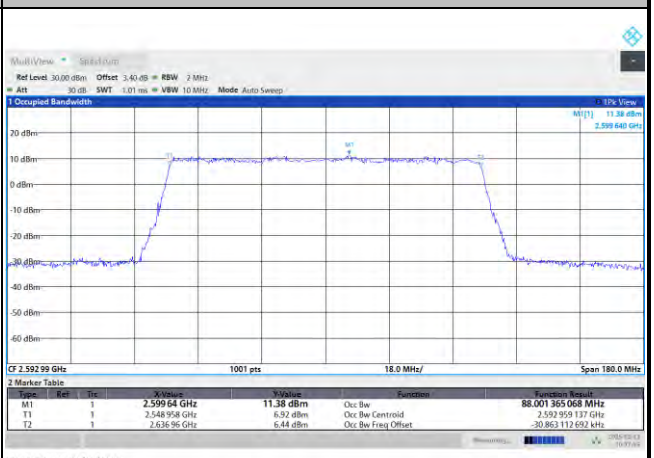
FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

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	16QAM
	
64QAM	256QAM
	

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