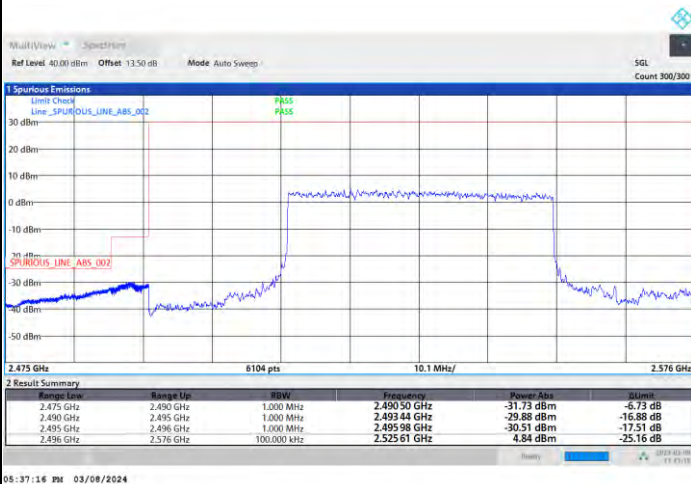




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

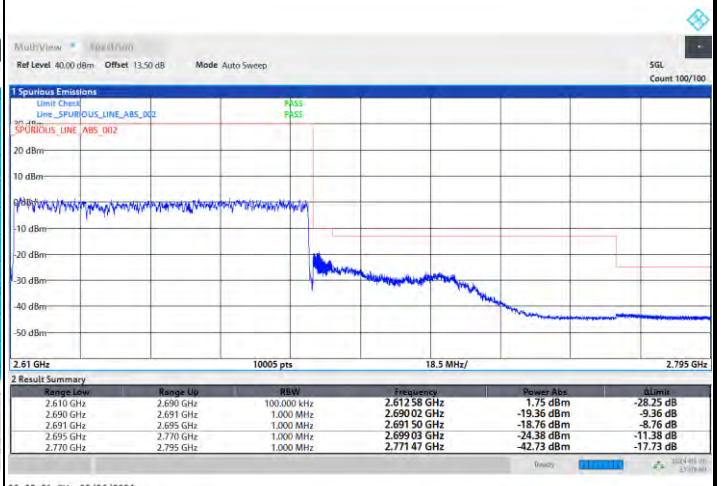
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

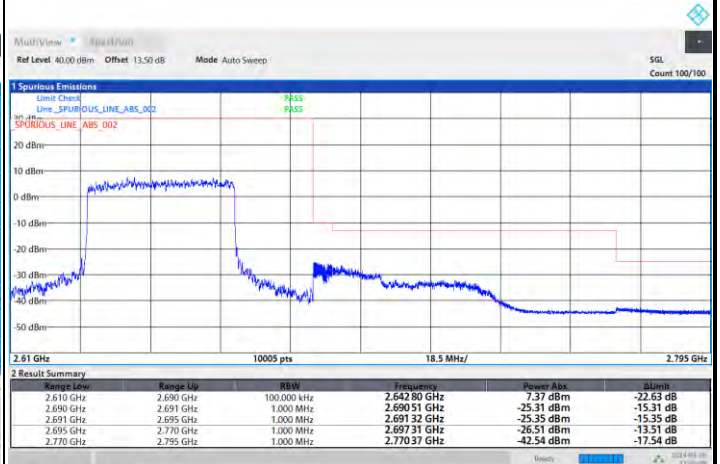
Highest Band Edge / Outer Full RB





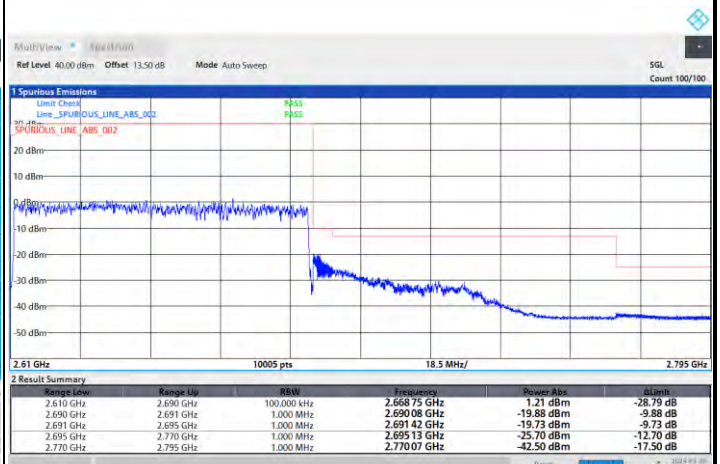
FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Highest Band Edge / Inner Full RB



09:05:09 PM 03/26/2024

Highest Band Edge / Outter Full RB



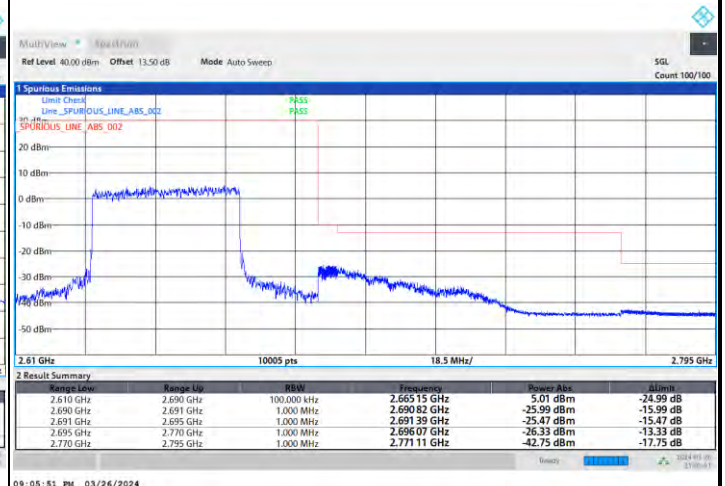
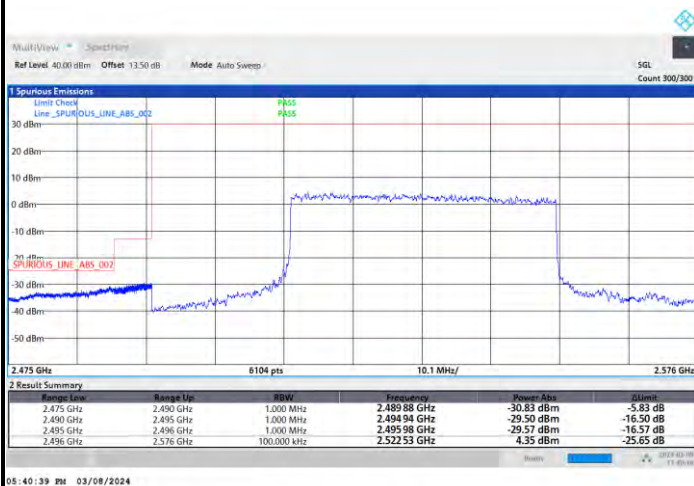
09:04:36 PM 03/26/2024



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

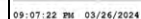
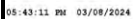
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



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

Highest Band Edge / Inner Full RB

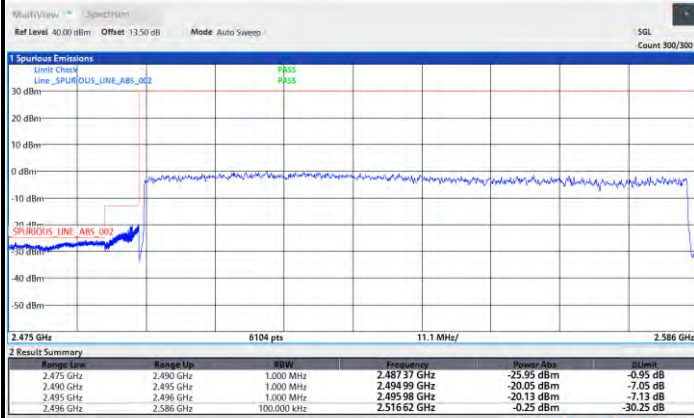




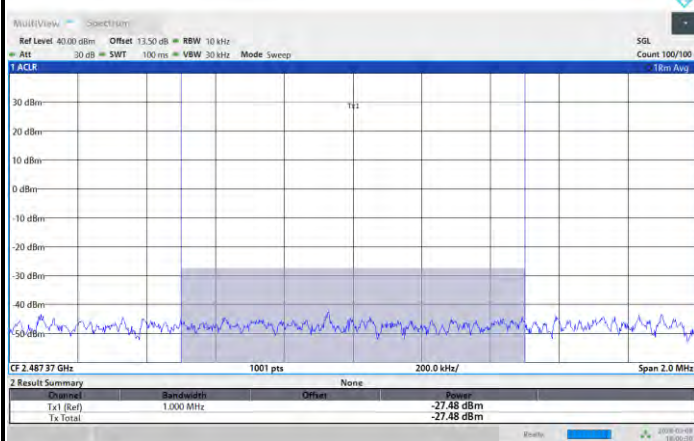
FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -27.48dBm (PASS)

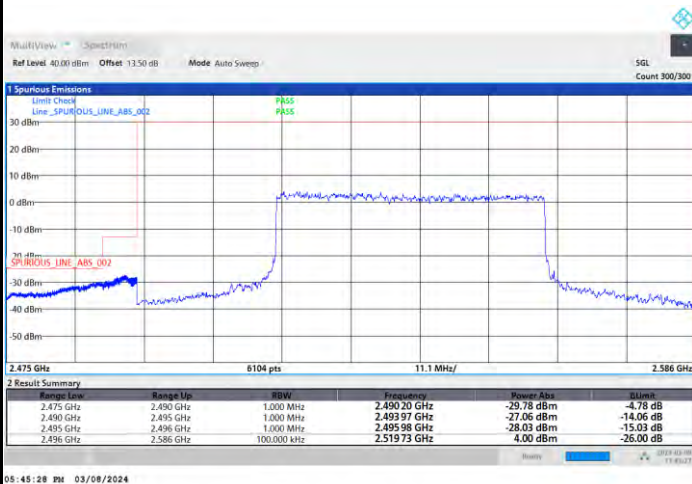




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

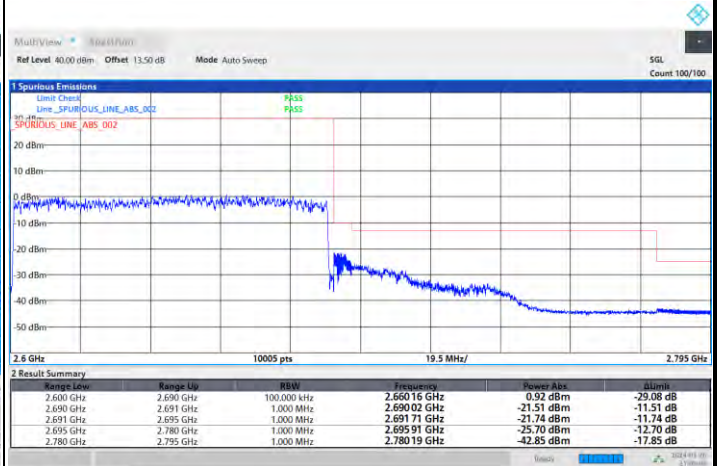
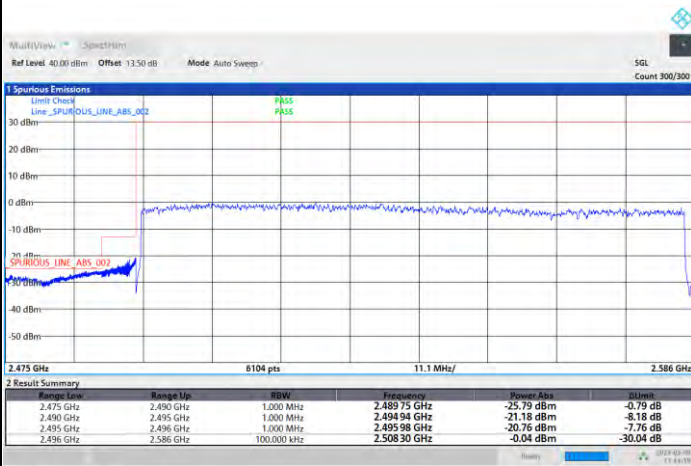




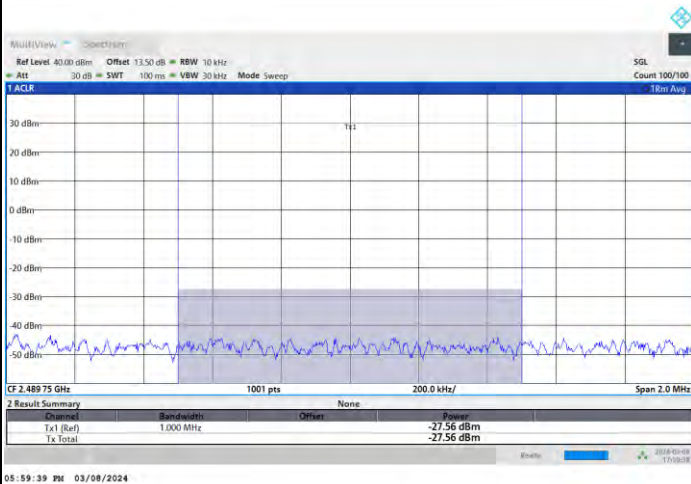
FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -27.56dBm (PASS)

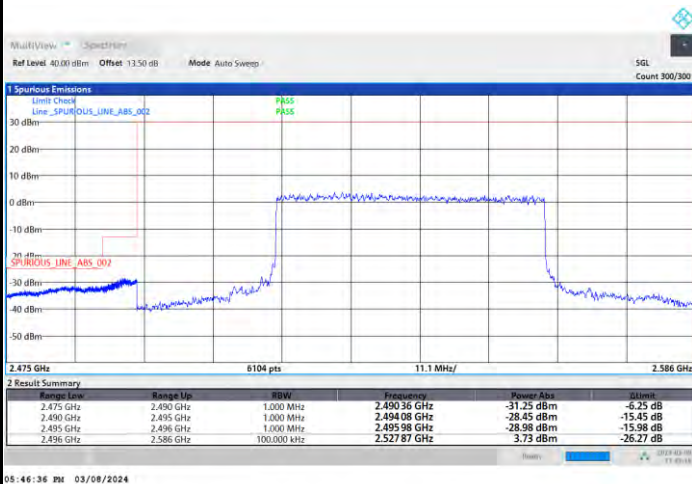




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

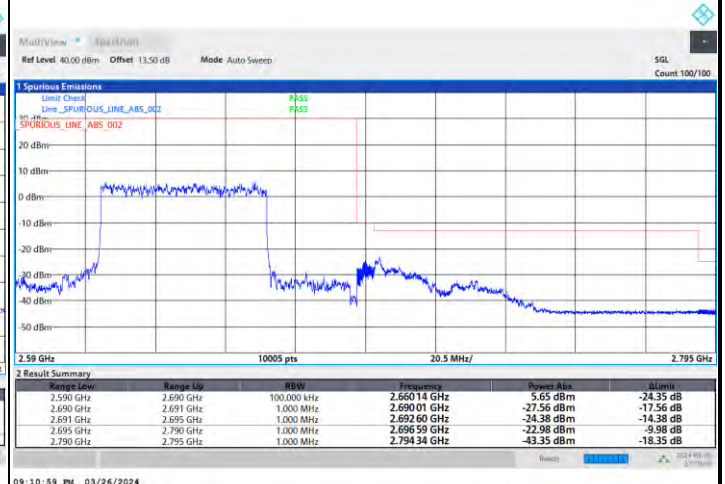
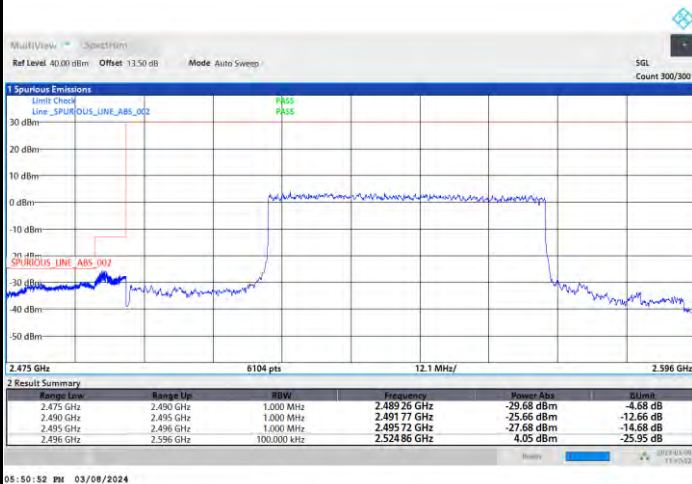




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

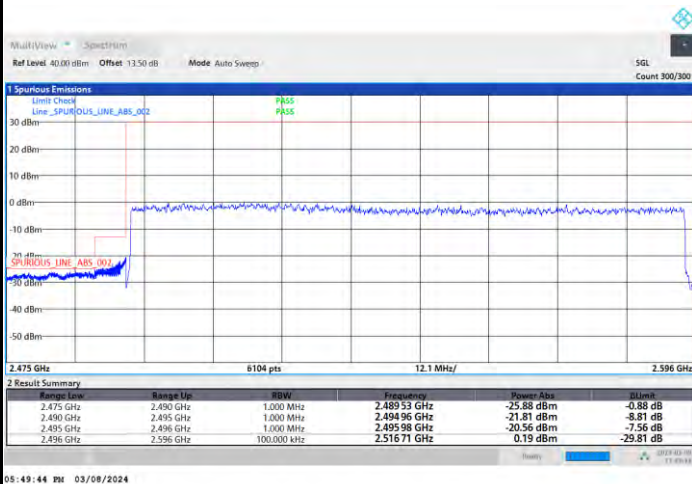




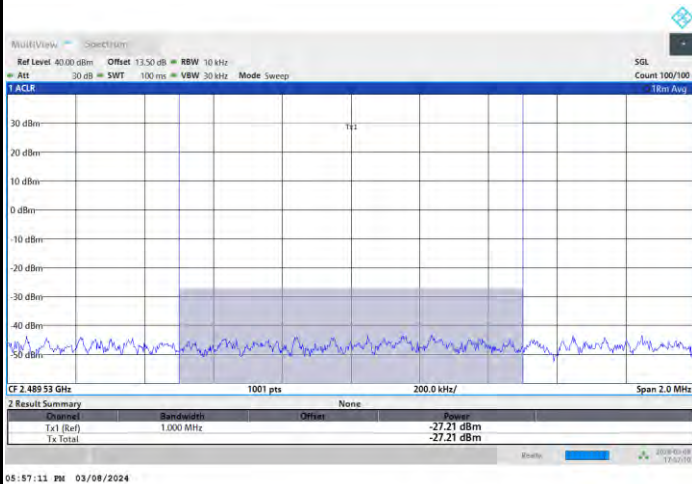
FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -27.21dBm (PASS)

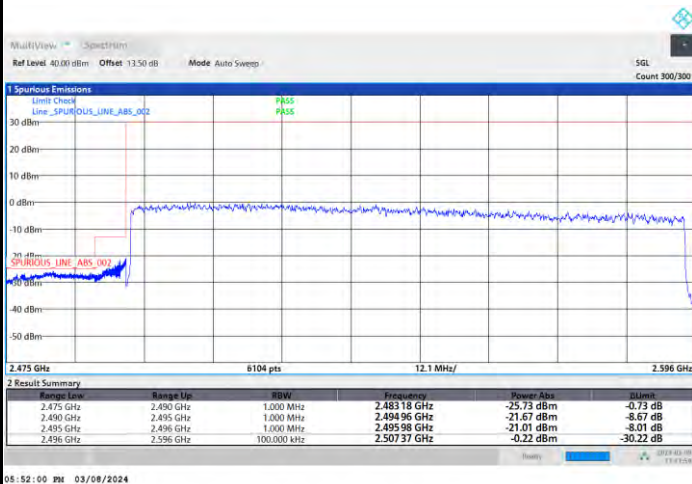




FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB

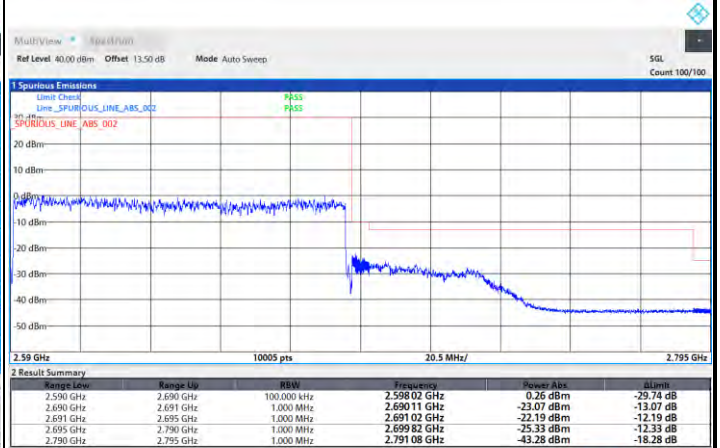
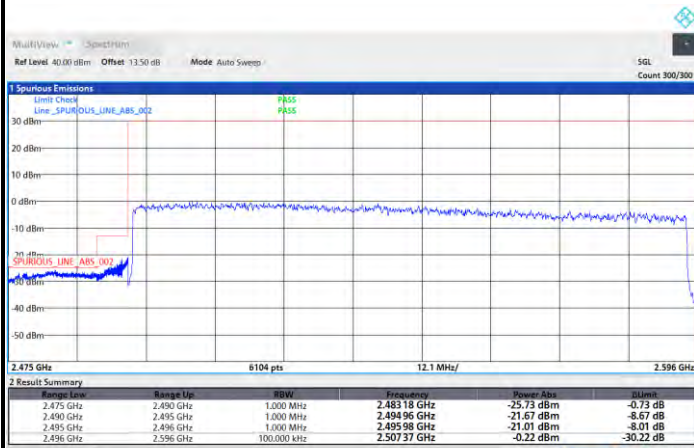




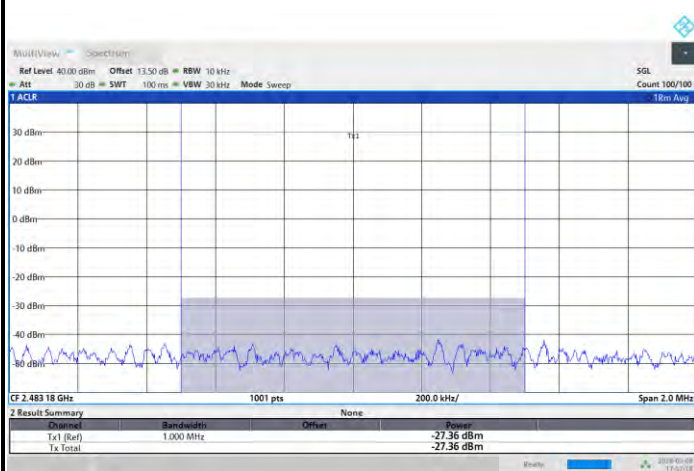
FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



Channel power -25dBm > -27.36dBm (PASS)

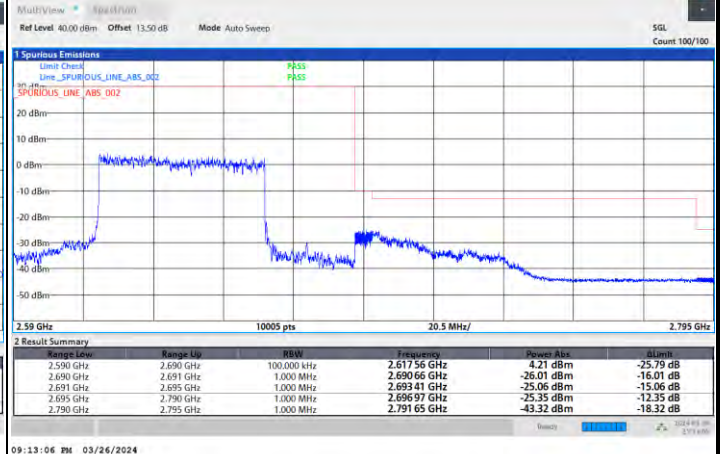
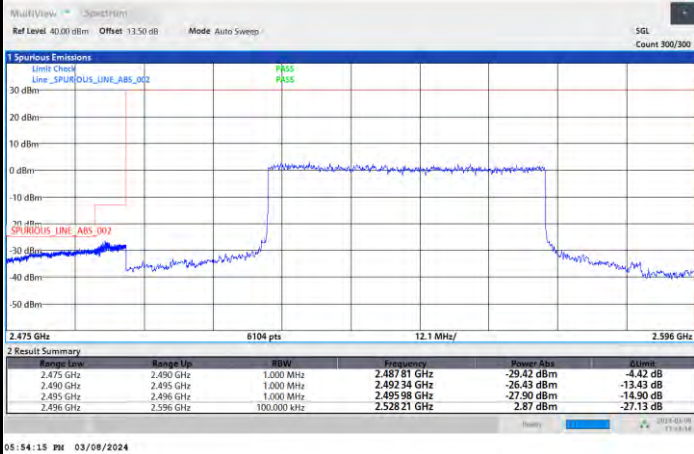




FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

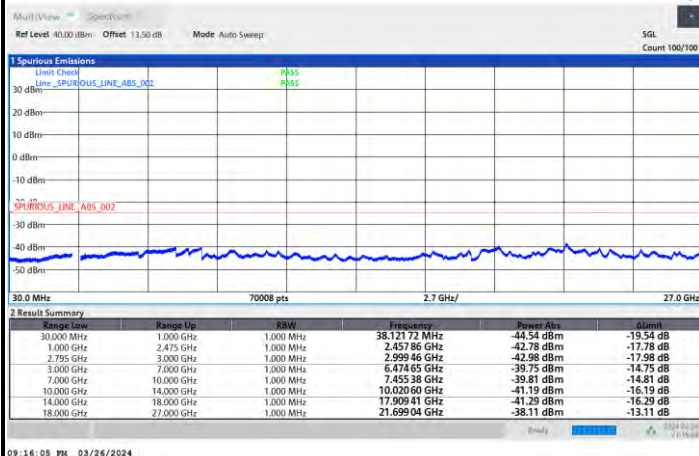




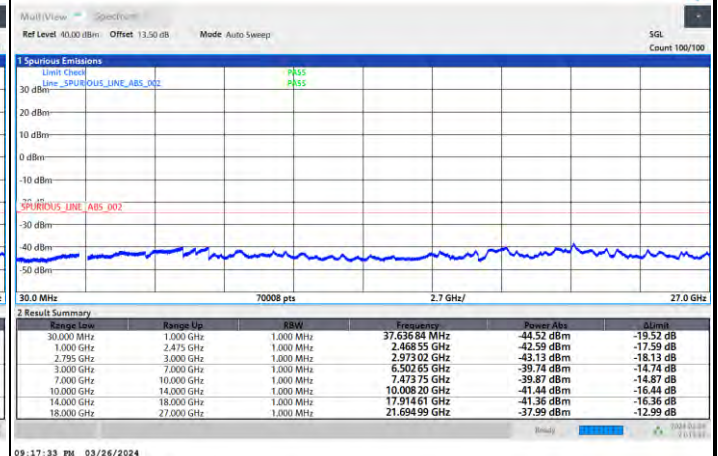
Conducted Spurious Emission

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

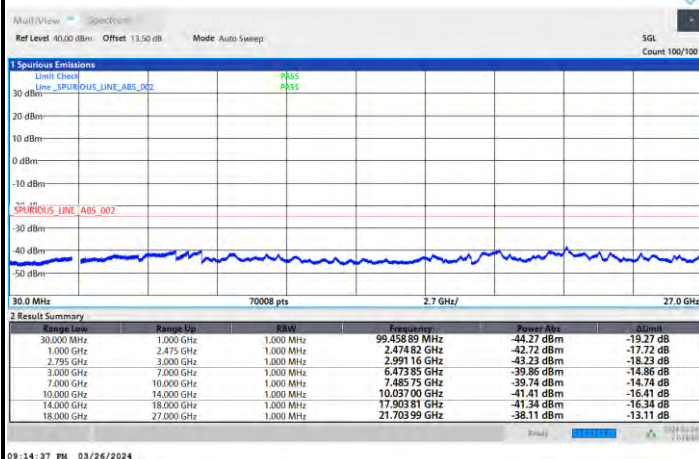
Lowest Channel



Middle Channel



Highest Channel





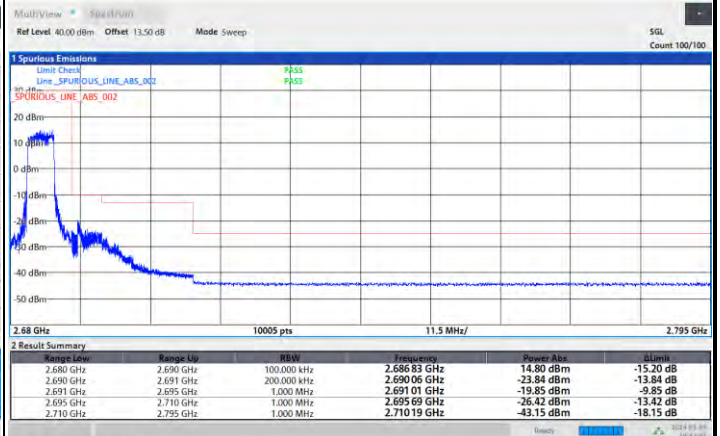
MIMO <Ant. 2+1> (1)

Conducted Band Edge

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

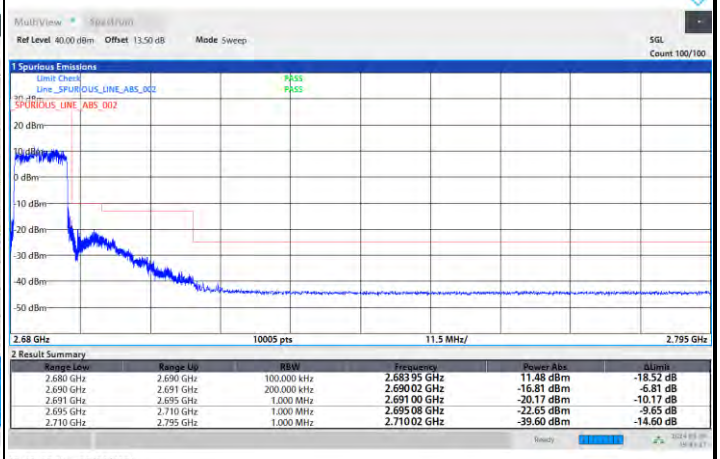
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

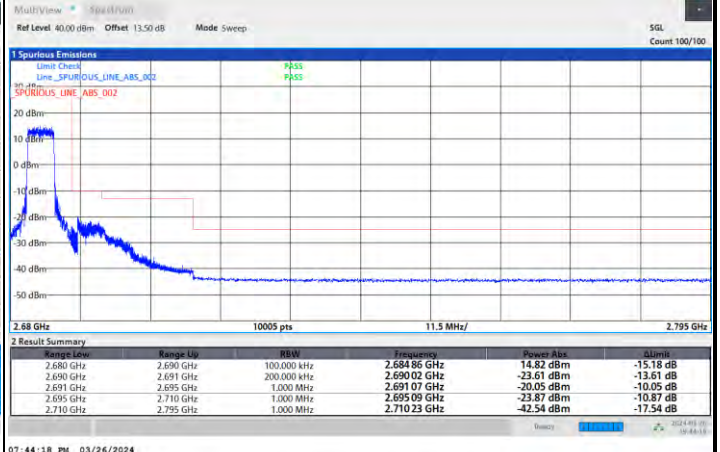




FR1 n41 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

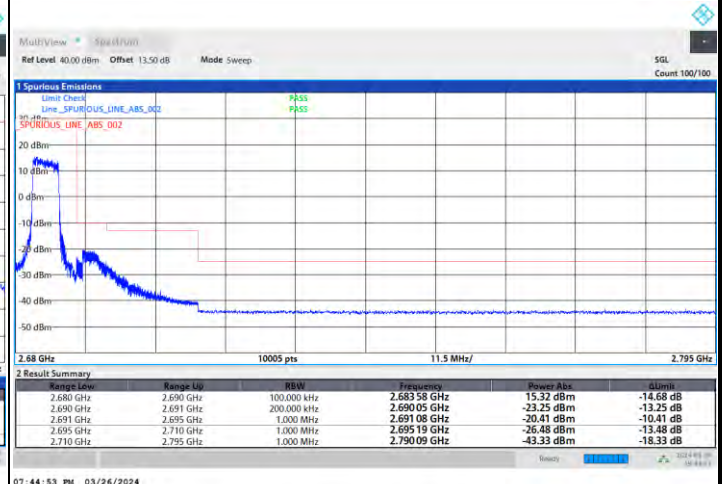




FR1 n41 / 10MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

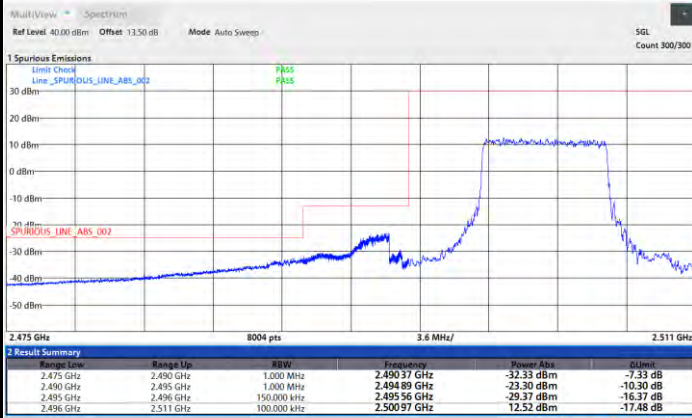




FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

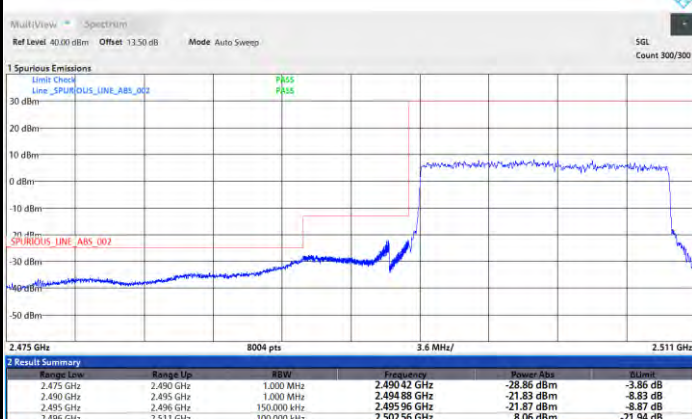
Lowest Band Edge / Inner Full RB

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

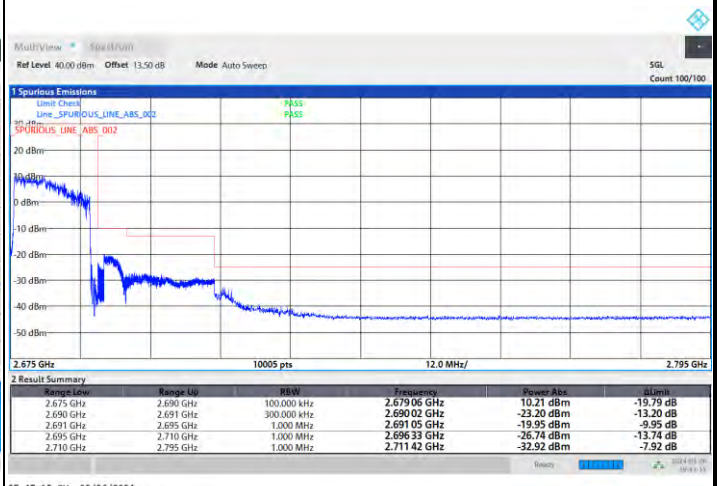
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

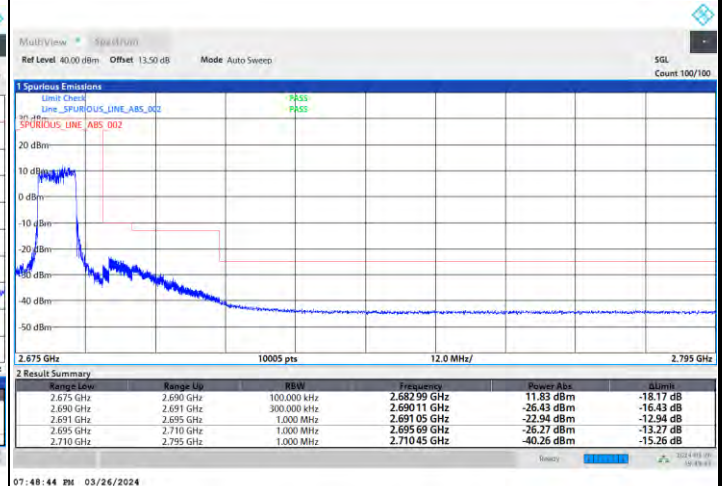
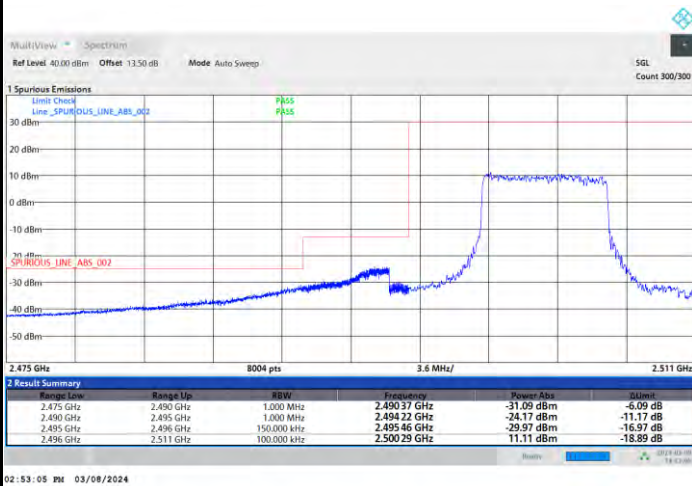




FR1 n41 / 15MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

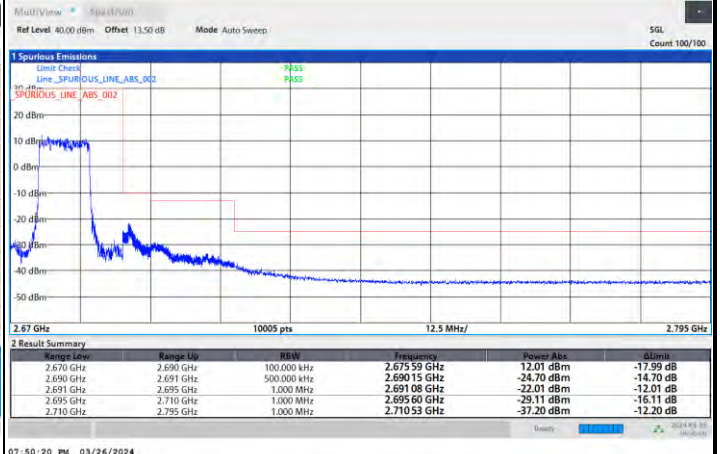
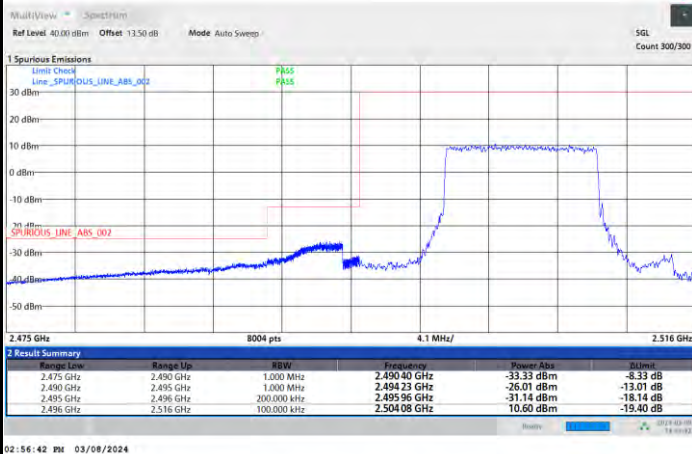




FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

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

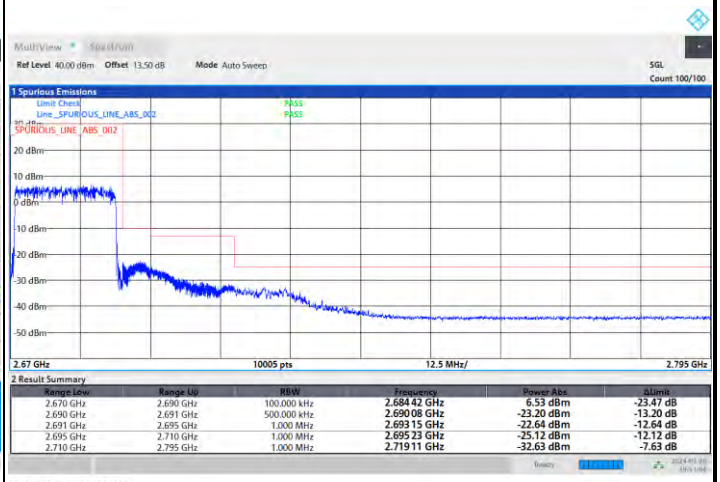
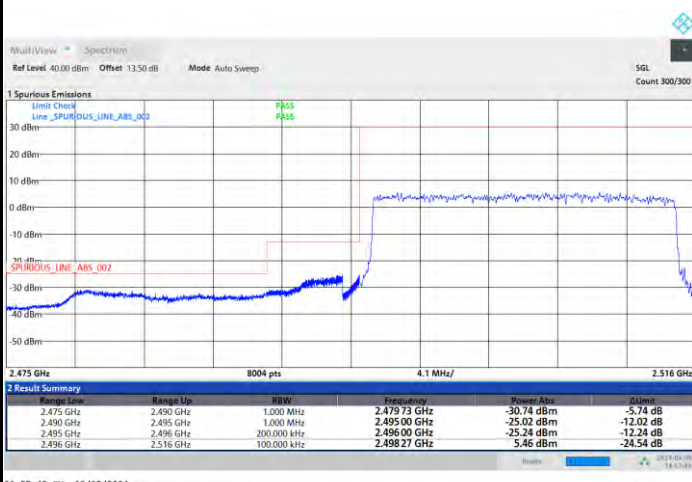
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

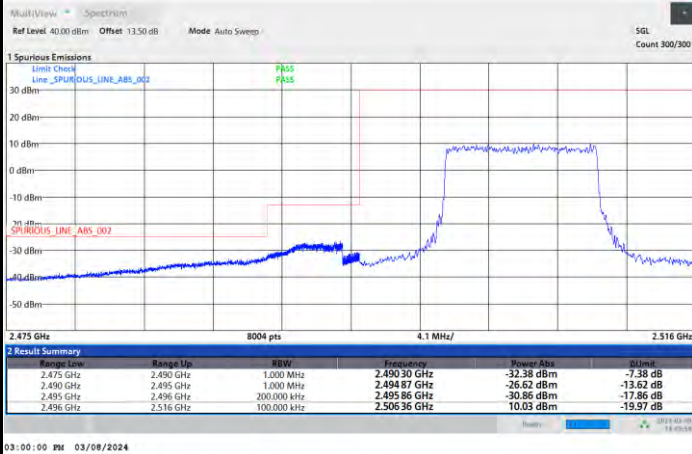




FR1 n41 / 20MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

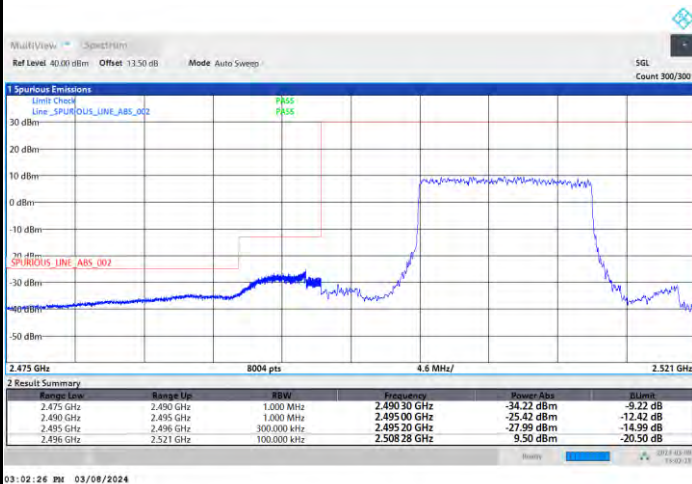




FR1 n41 / 25MHz / DFT-S OFDM / PI/2 BPSK

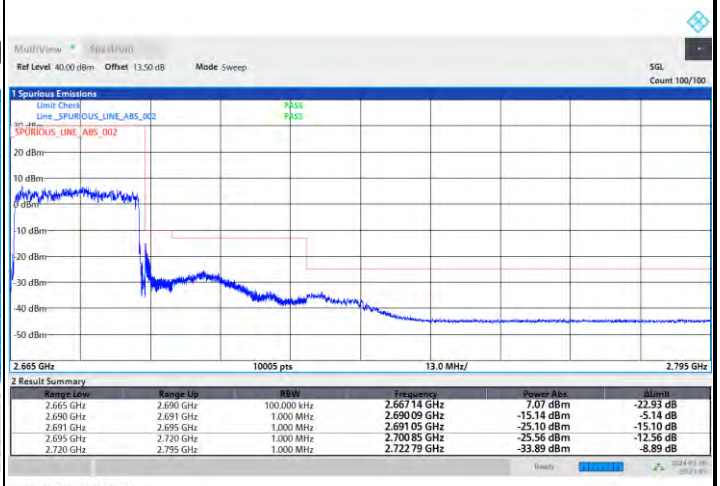
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

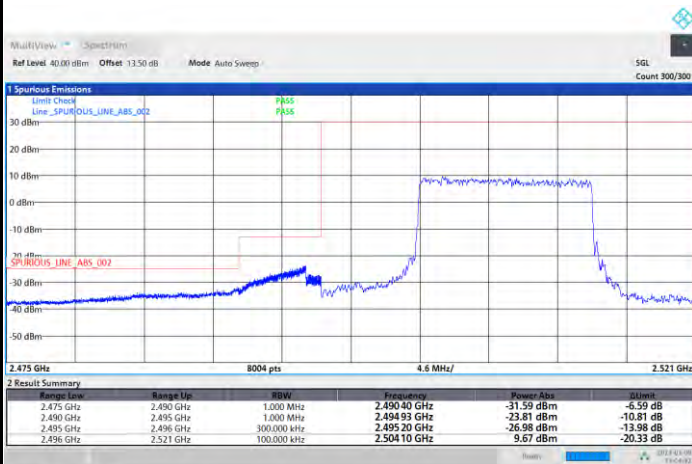




FR1 n41 / 25MHz / DFT-S OFDM / QPSK

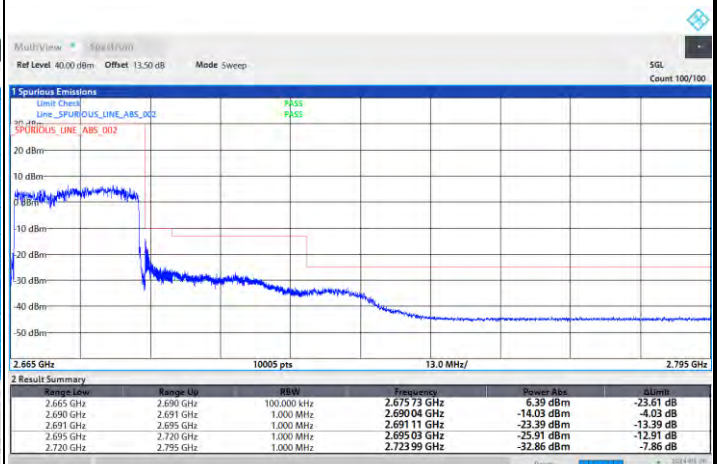
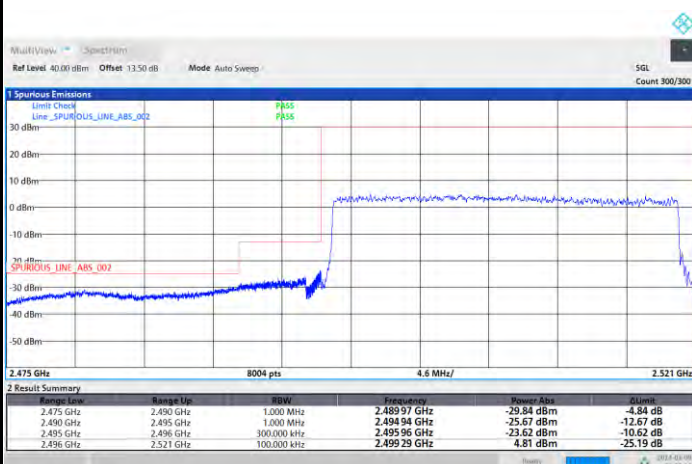
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

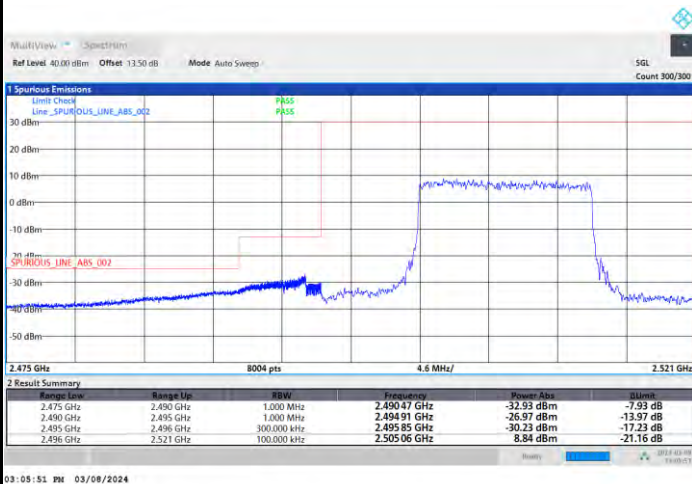




FR1 n41 / 25MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

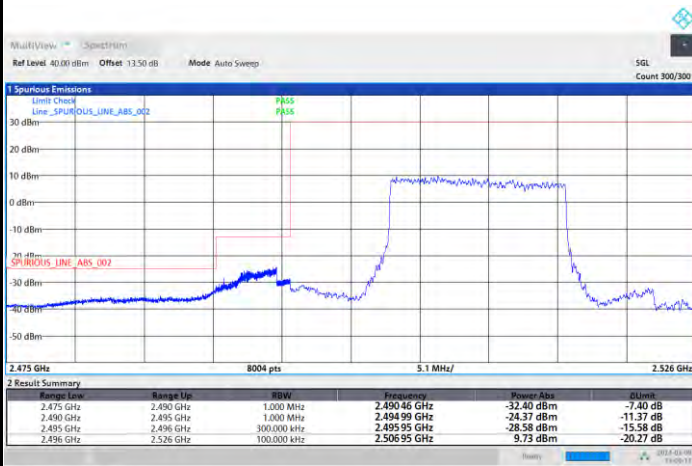




FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

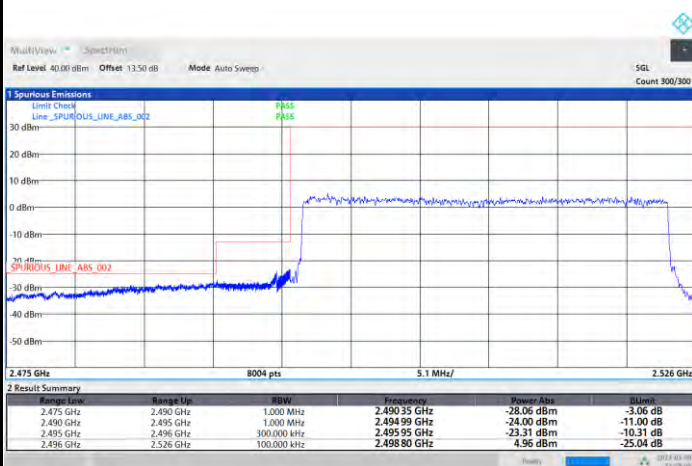
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

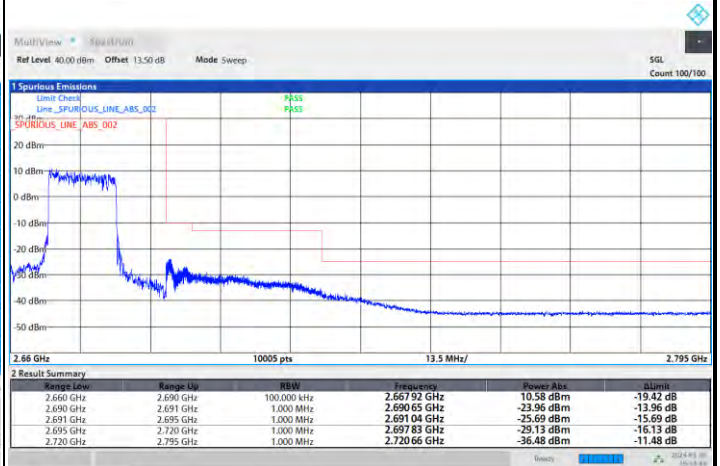
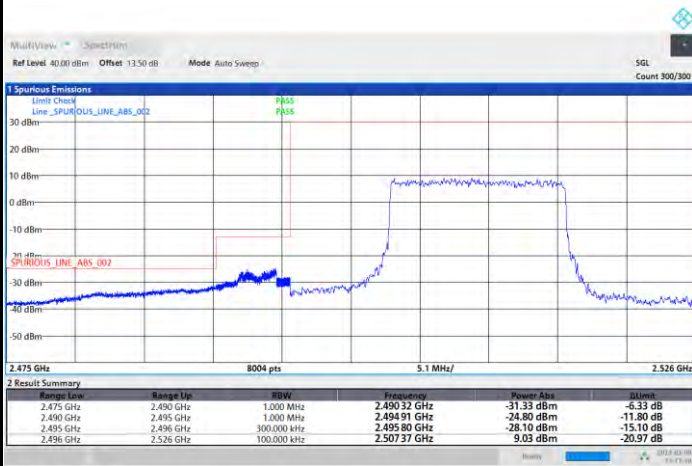




FR1 n41 / 30MHz / DFT-S OFDM / QPSK

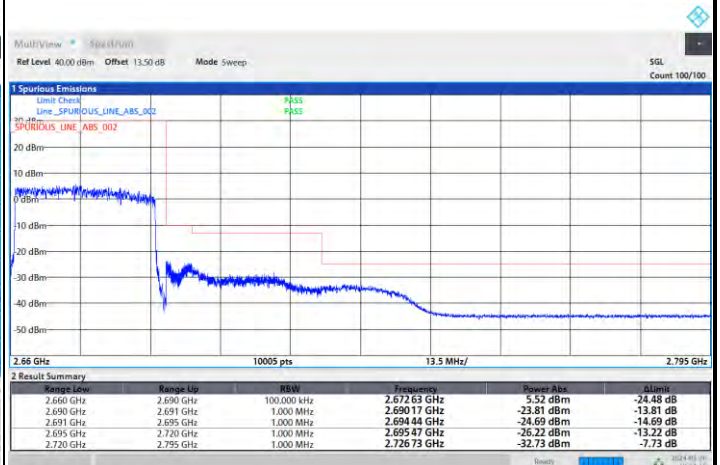
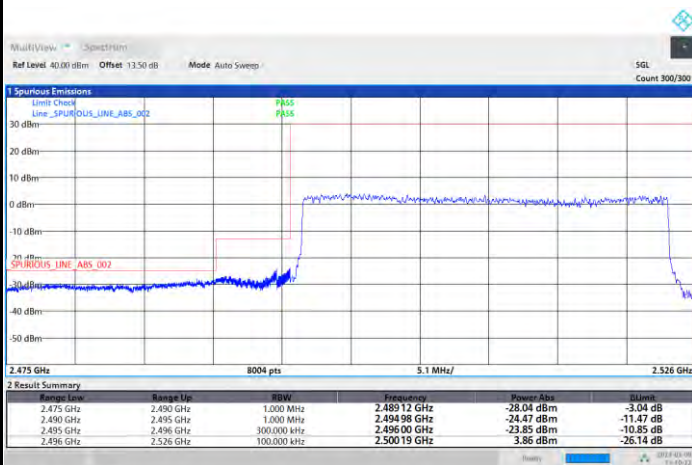
Lowest Band Edge / Inner Full RB

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

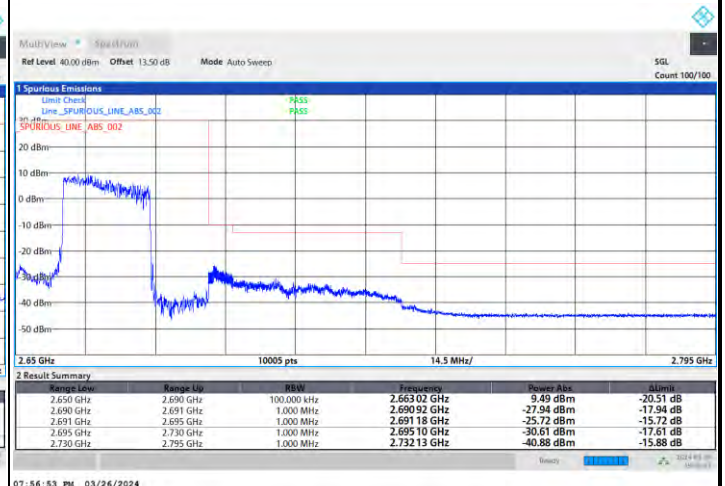




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

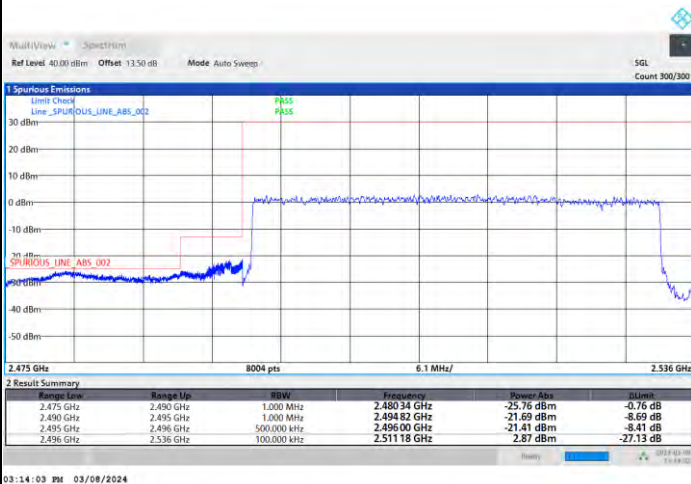




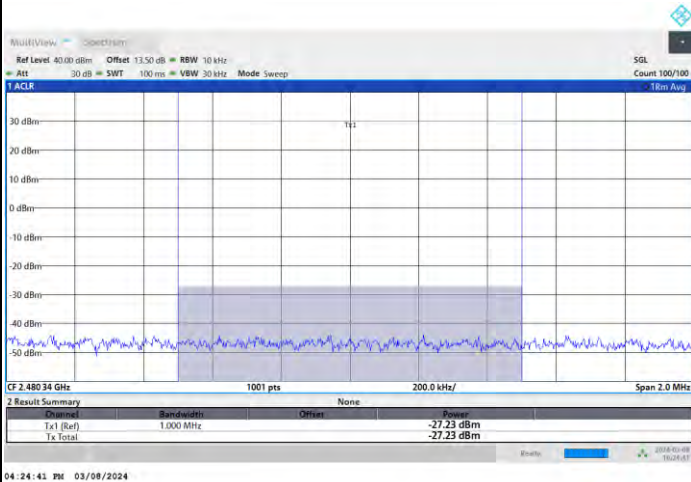
FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -27.23dBm (PASS)

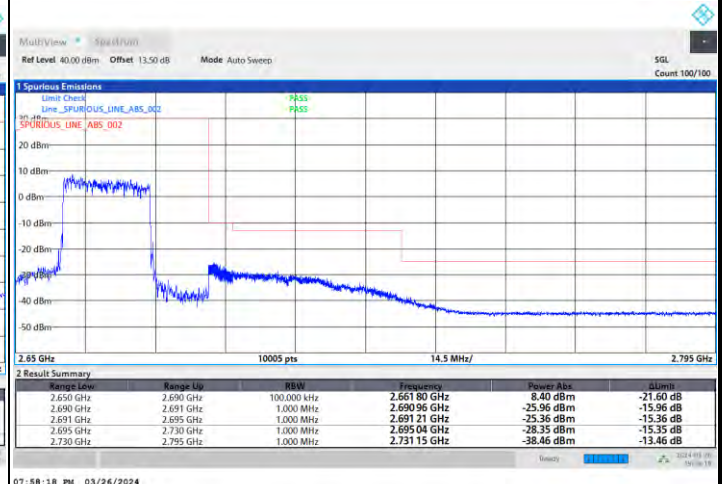
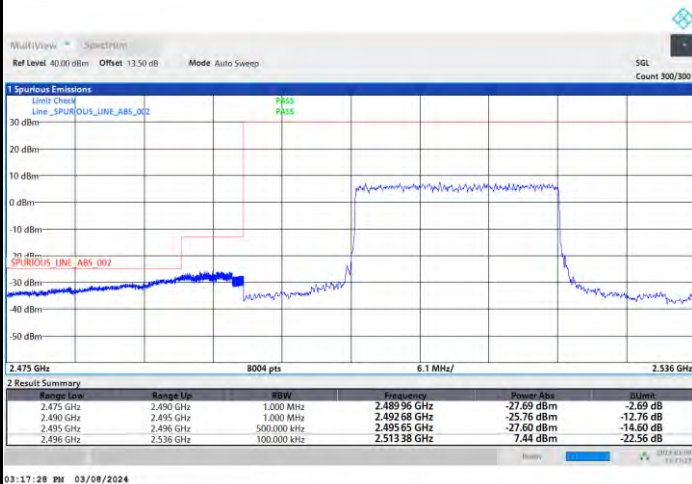




FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

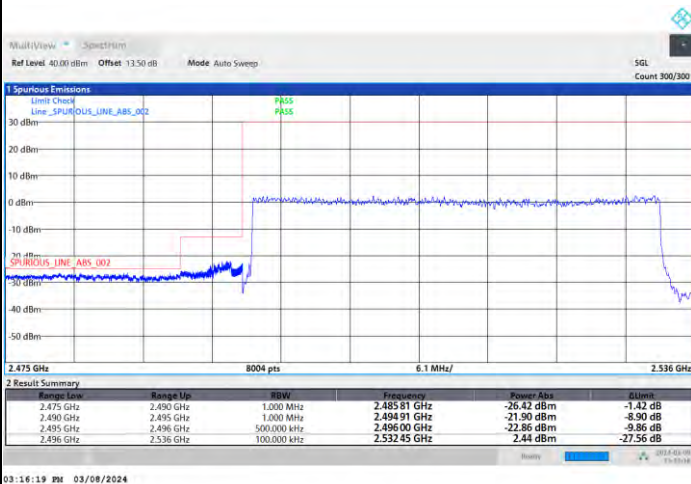




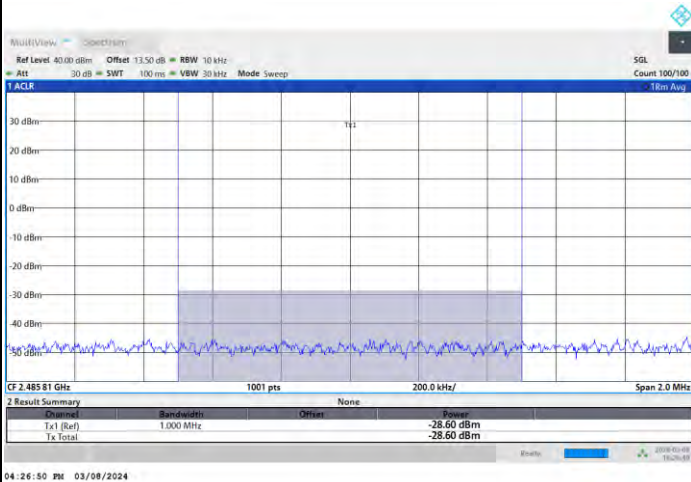
FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -28.60dBm (PASS)

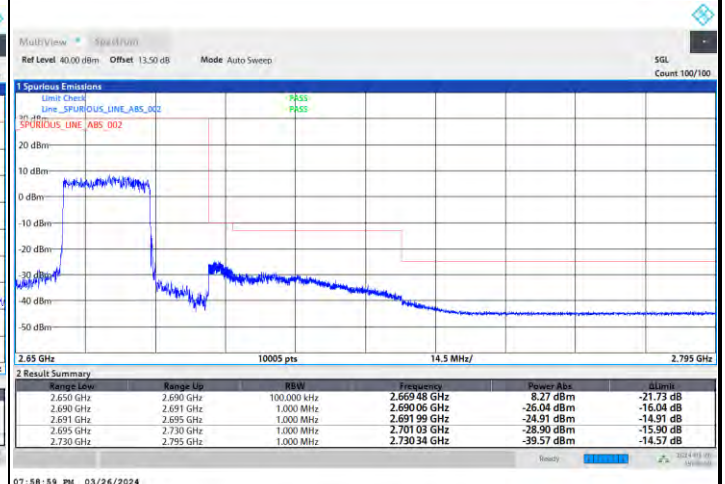
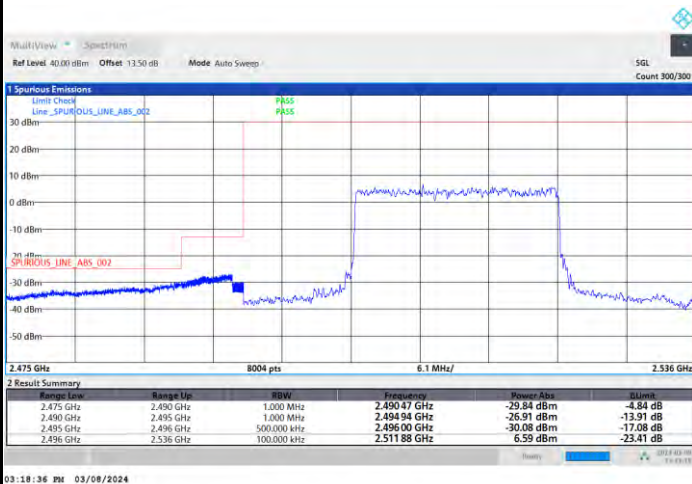




FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

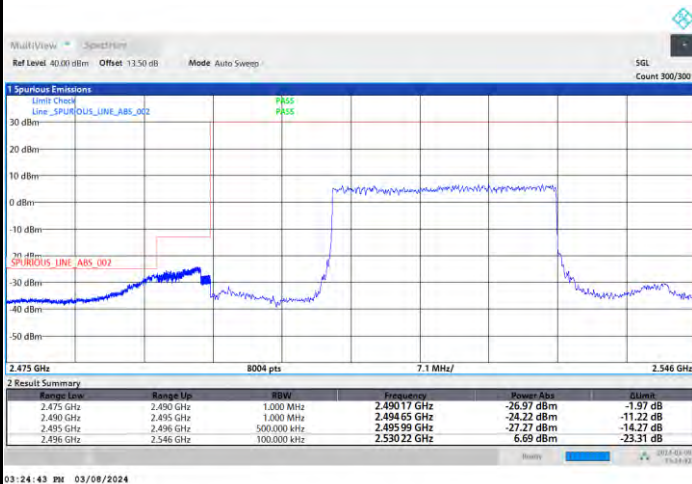




FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

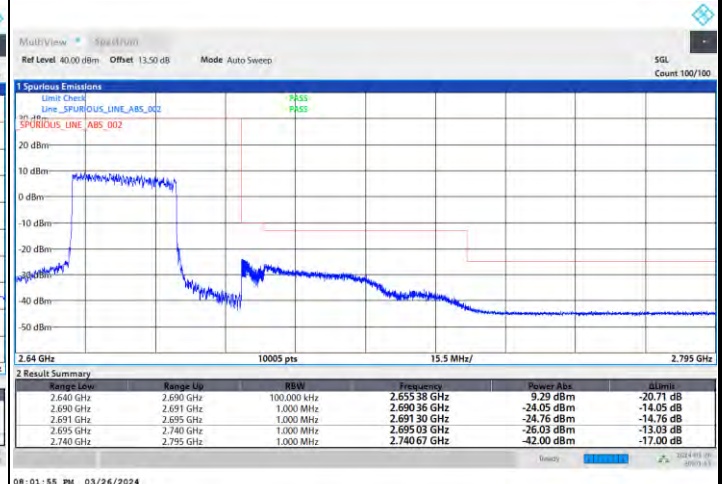
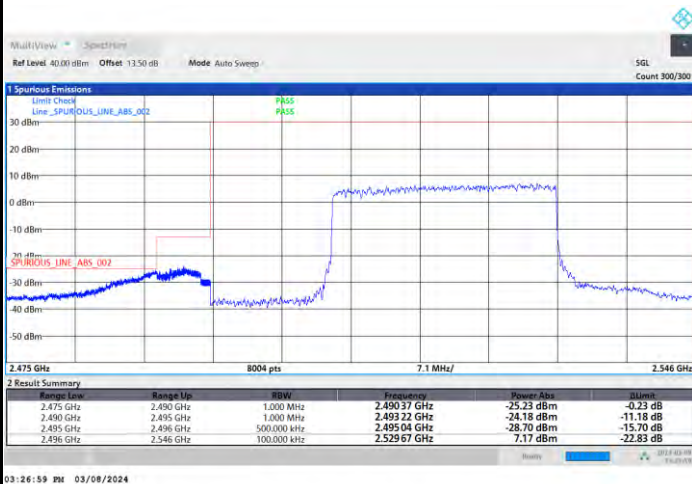




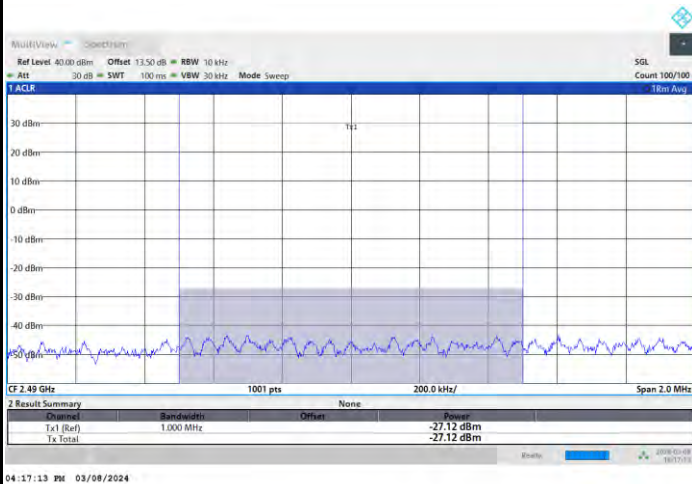
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Channel power -25dBm > -27.12dBm (PASS)

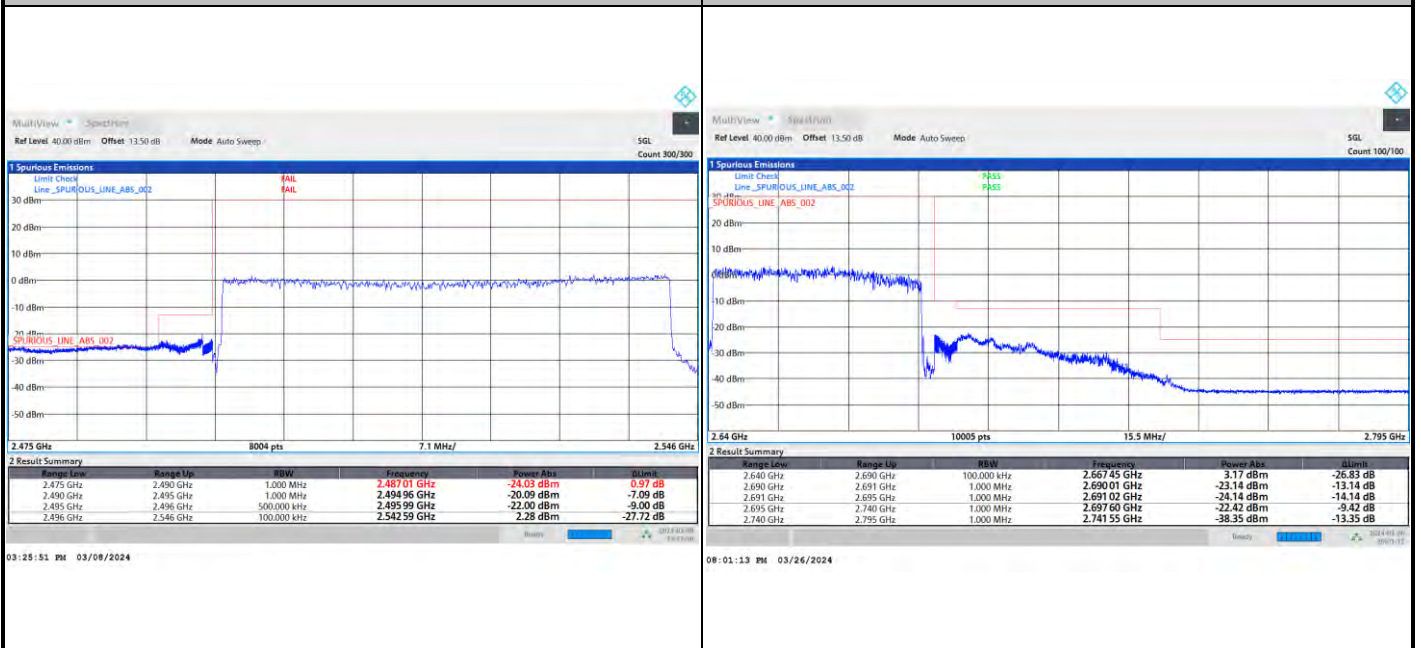




FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

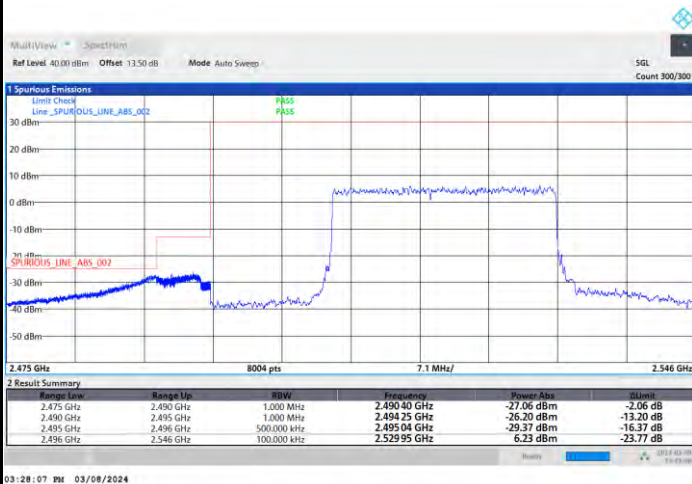




FR1 n41 / 50MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

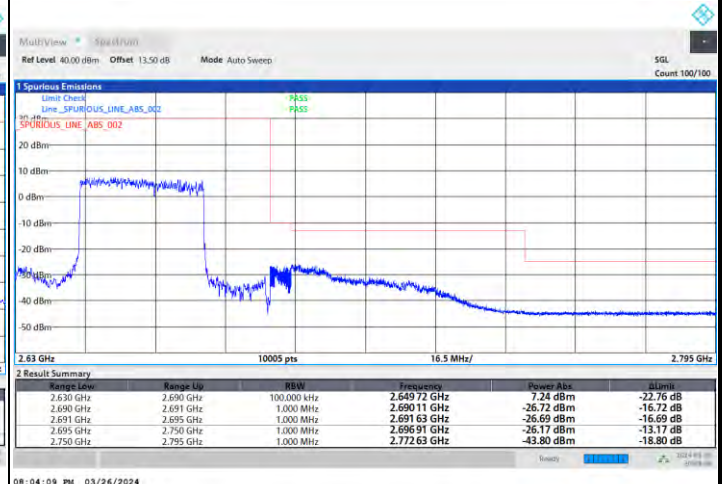
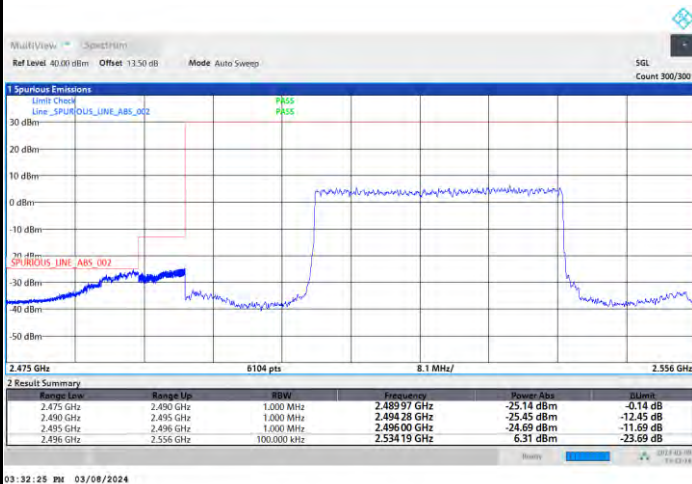




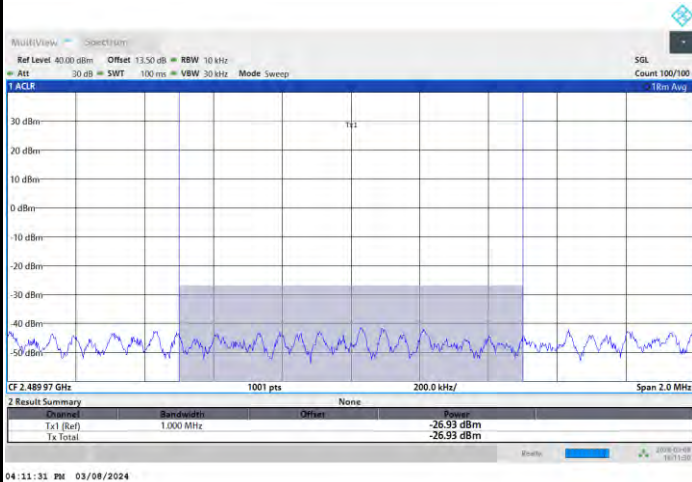
FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Channel power -25dBm > -26.93dBm (PASS)

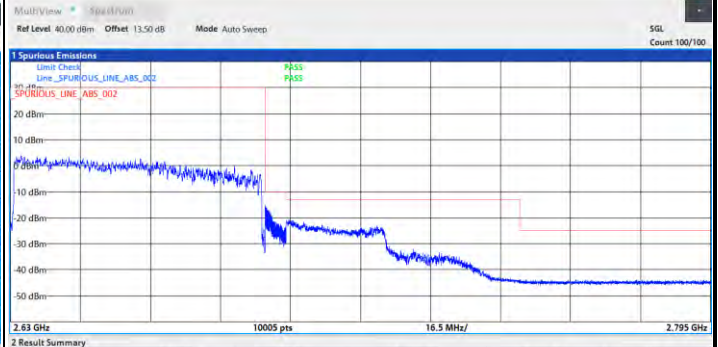
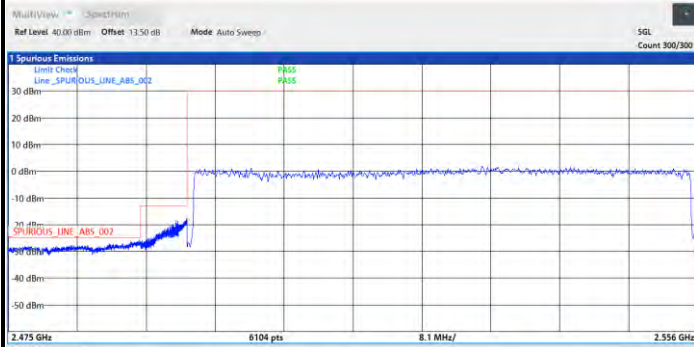




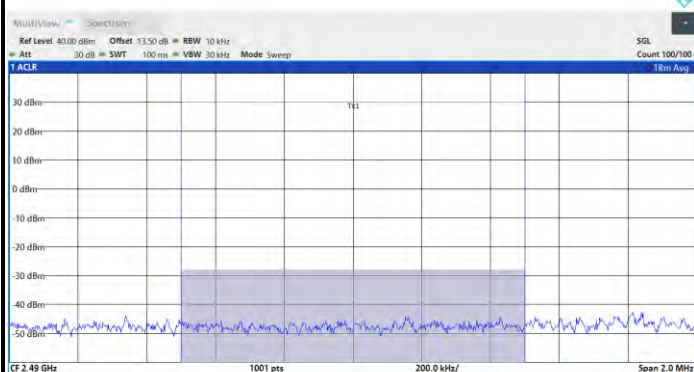
FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Channel power -25dBm > -27.90dBm (PASS)

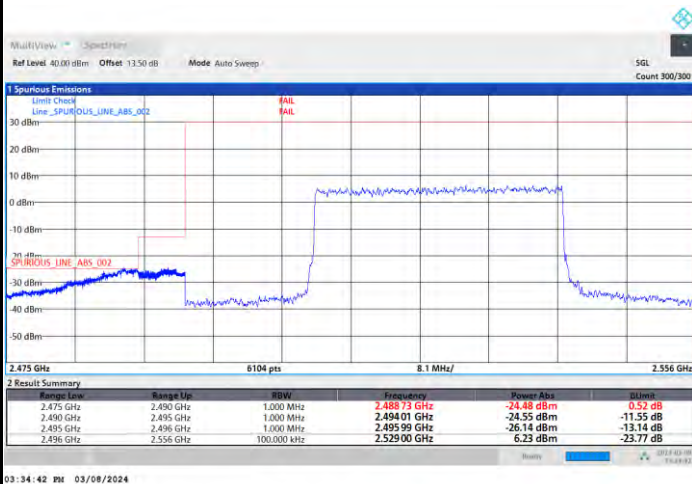




FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

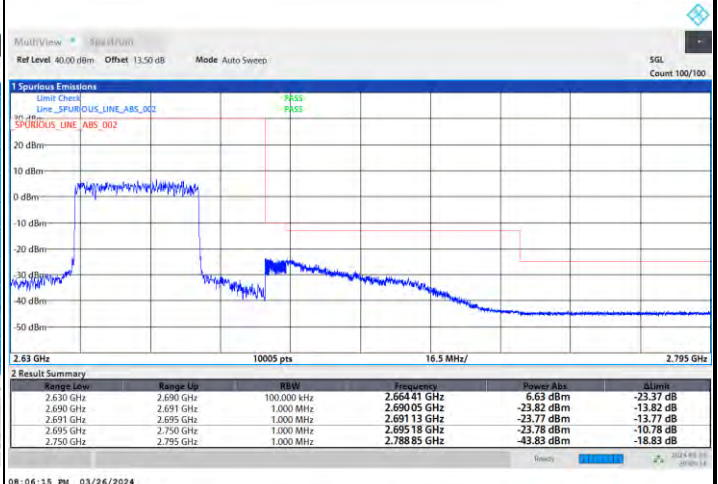
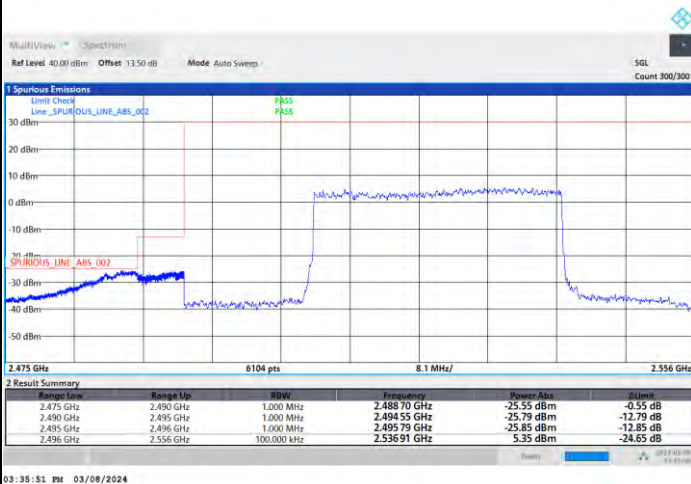




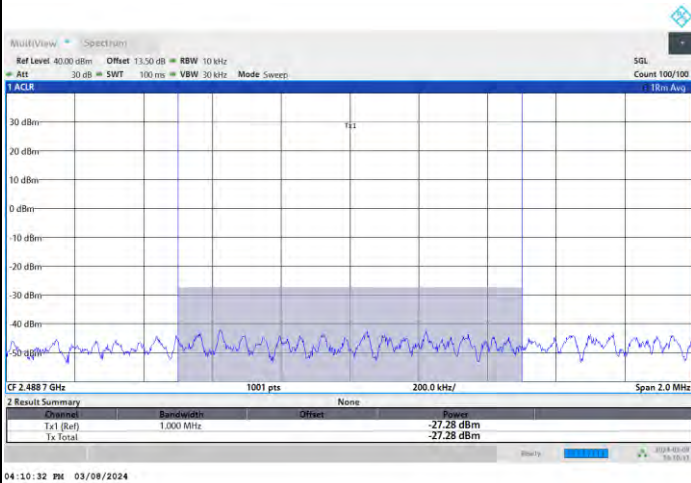
FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Channel power -25dBm > -27.28dBm (PASS)

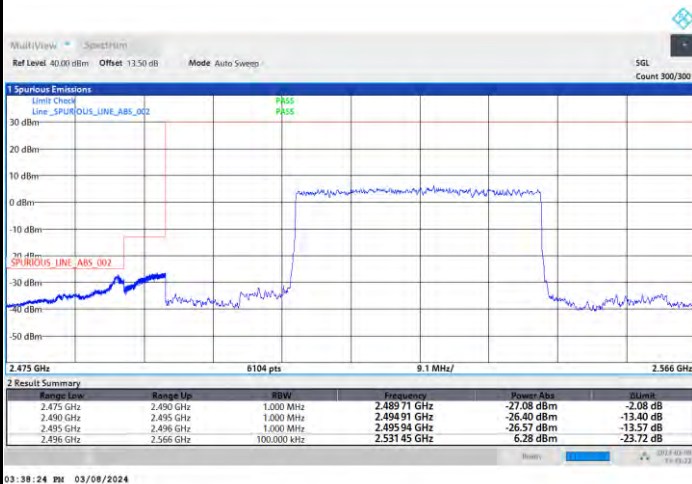




FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

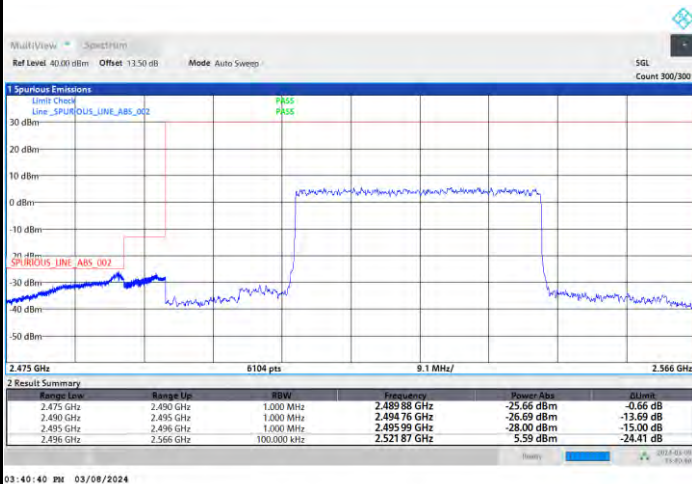




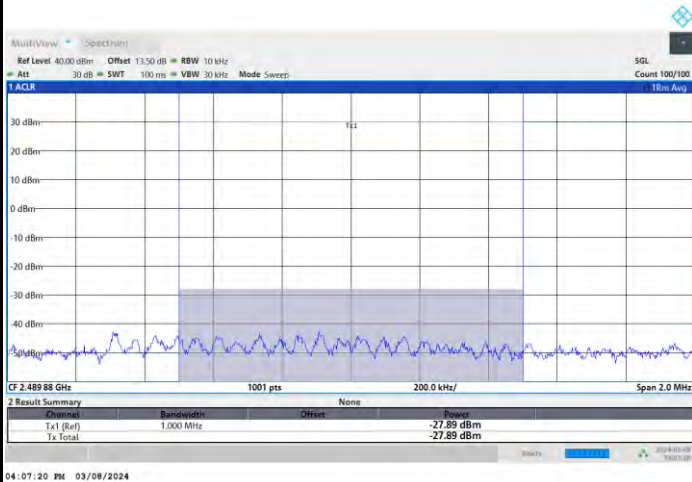
FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Channel power -25dBm > -27.89dBm (PASS)

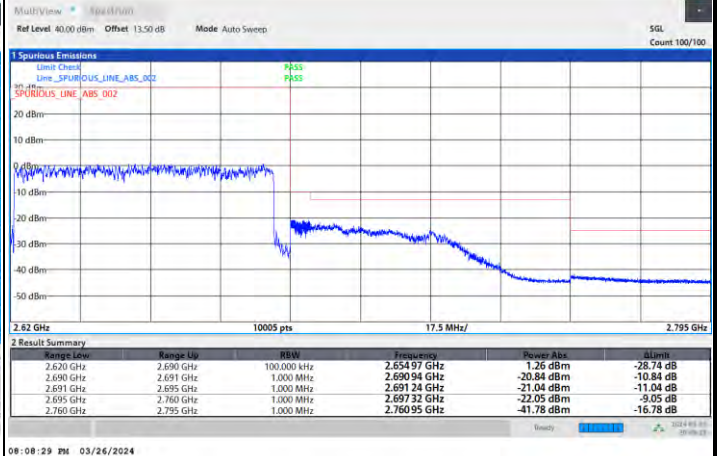
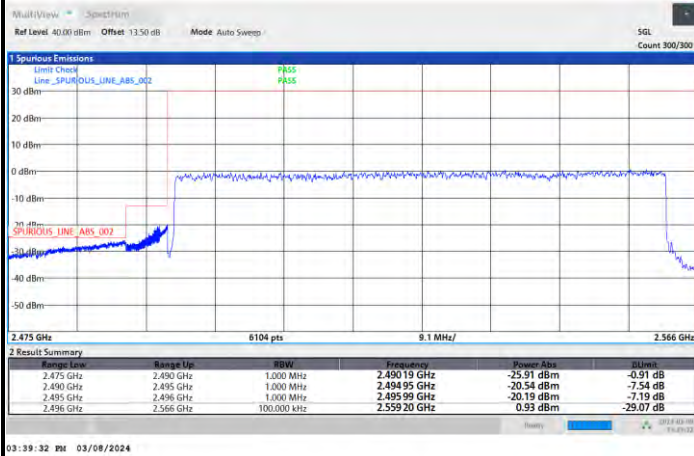




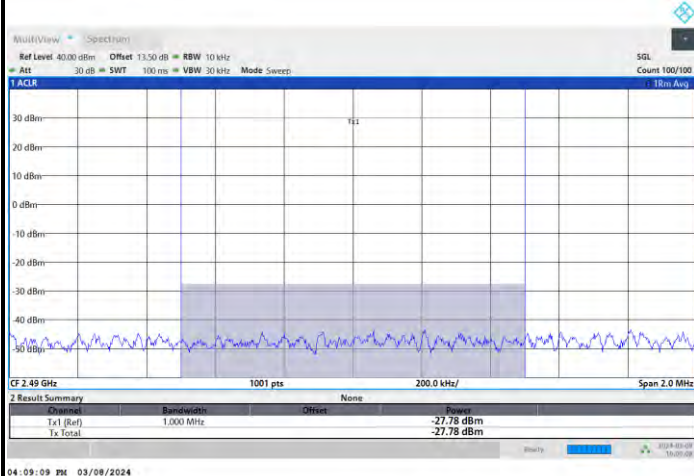
FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



Channel power -25dBm > -27.78dBm (PASS)

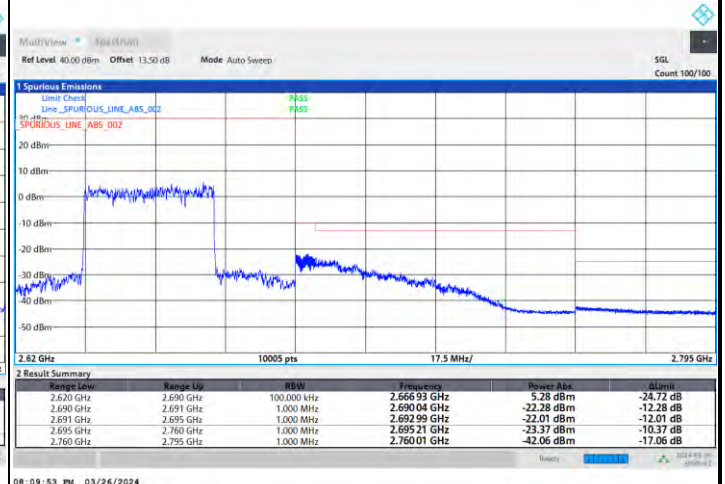
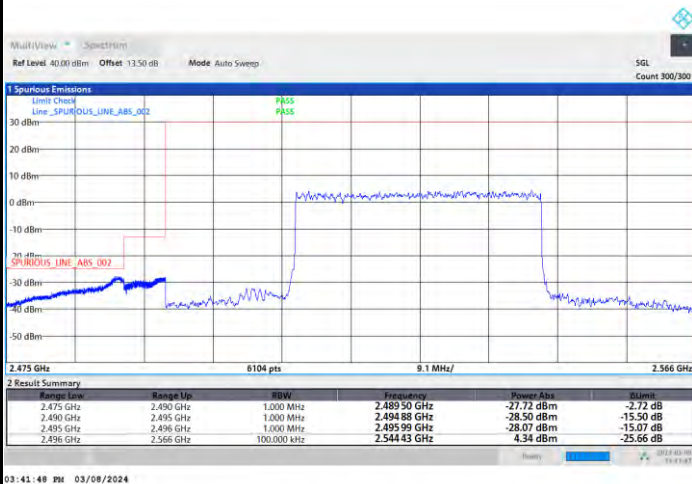




FR1 n41 / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

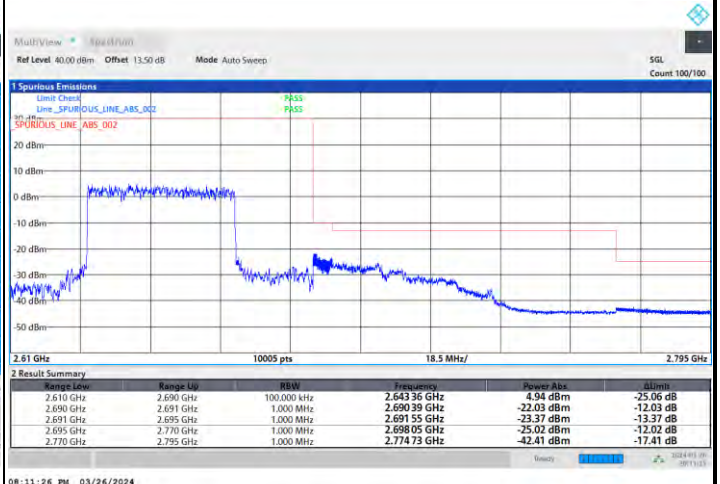
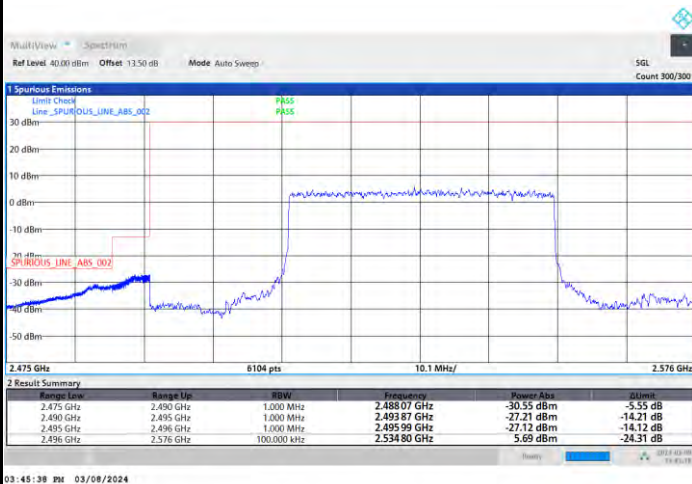




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

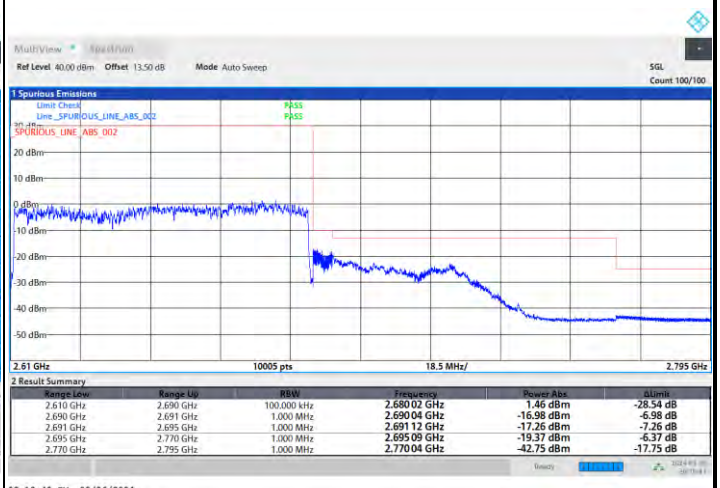
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

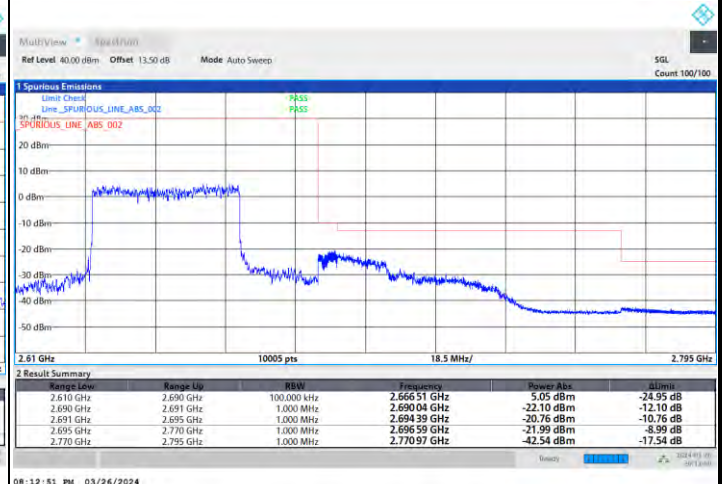
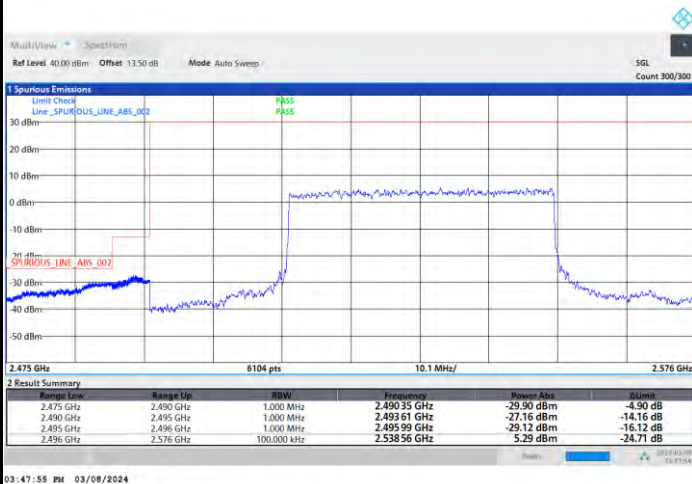




FR1 n41 / 80MHz / DFT-S OFDM / QPSK

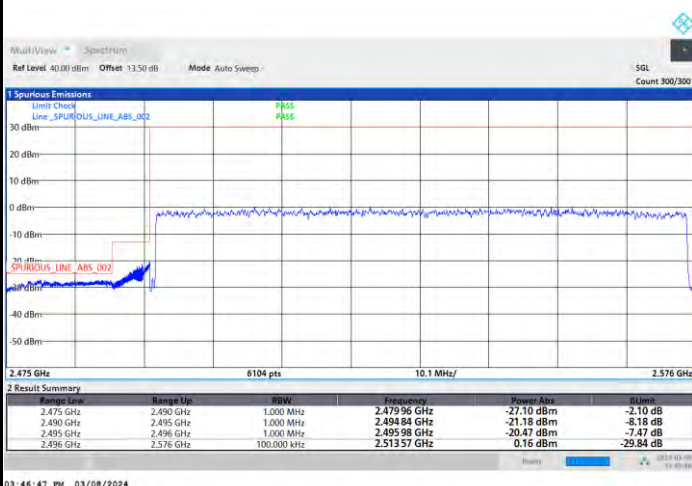
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

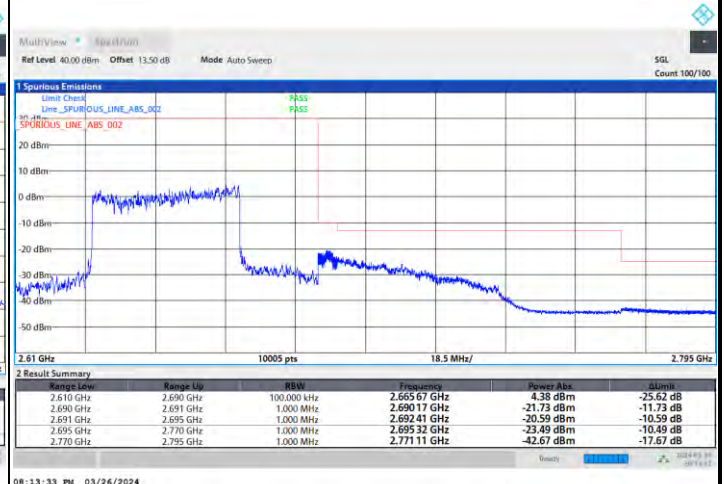
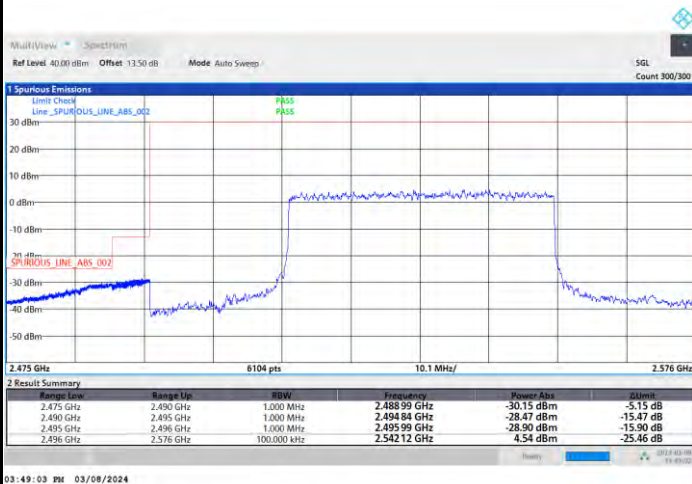




FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

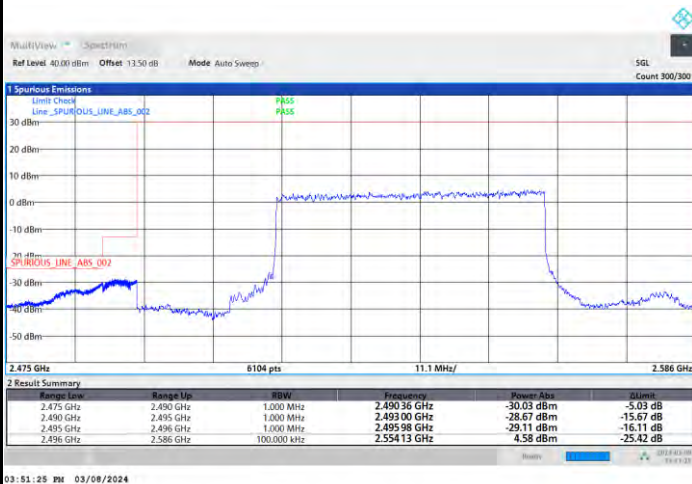




FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

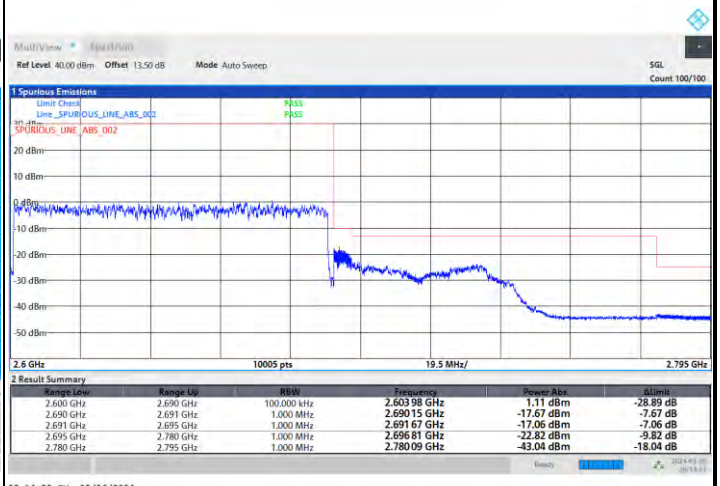
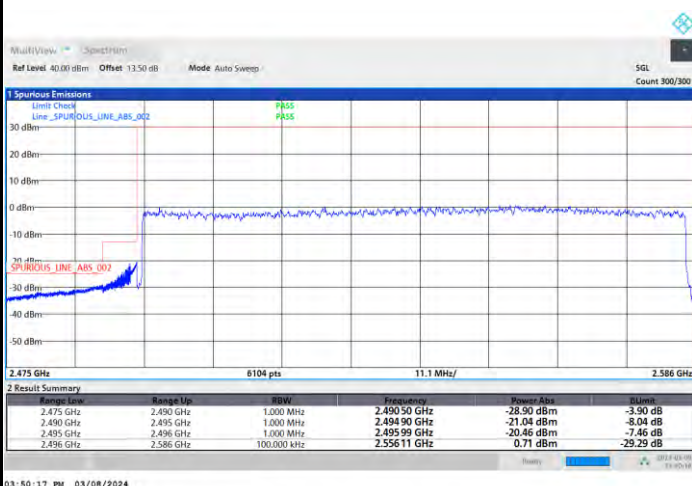
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

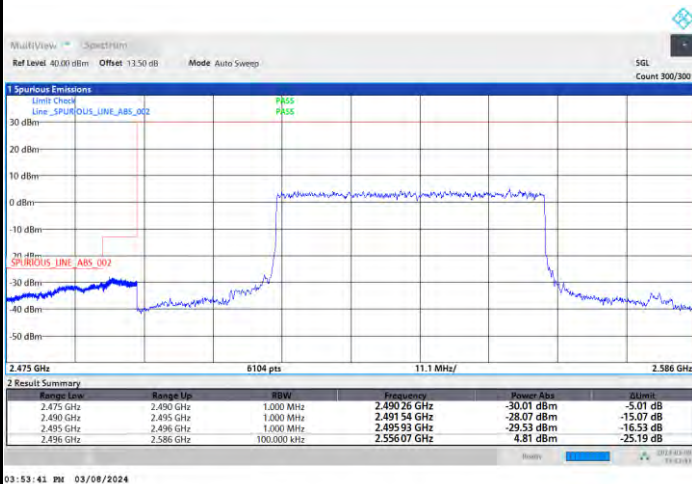




FR1 n41 / 90MHz / DFT-S OFDM / QPSK

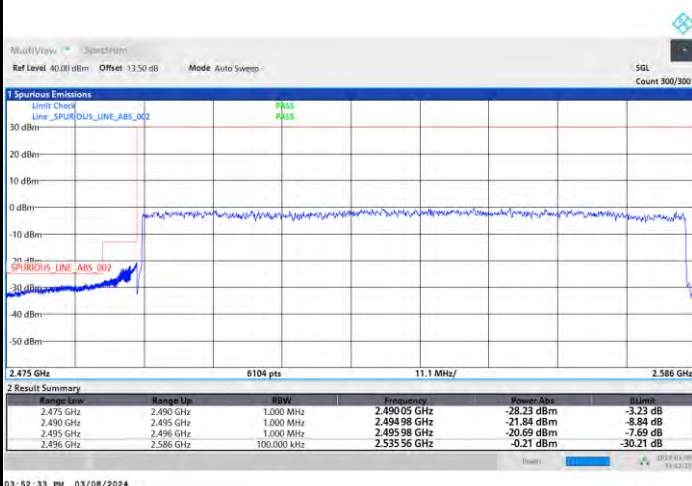
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

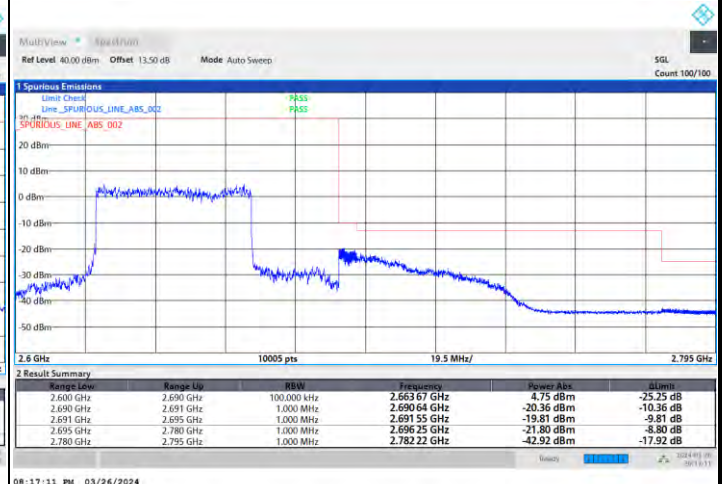
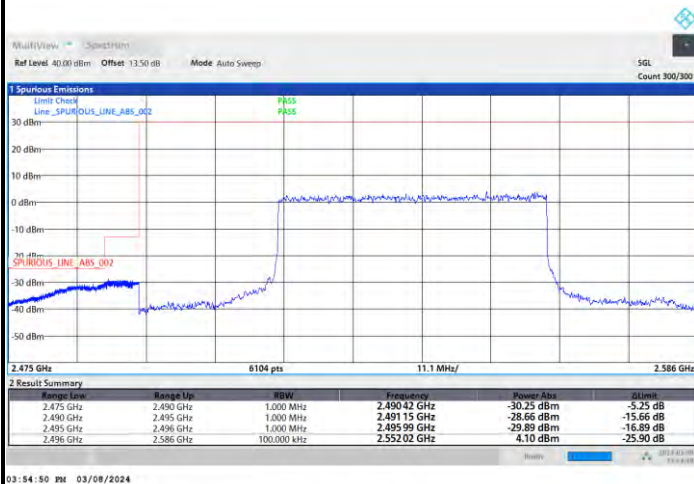




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

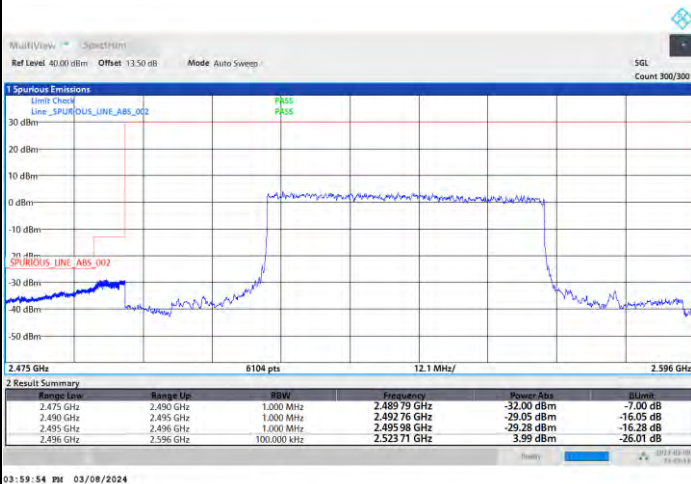




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

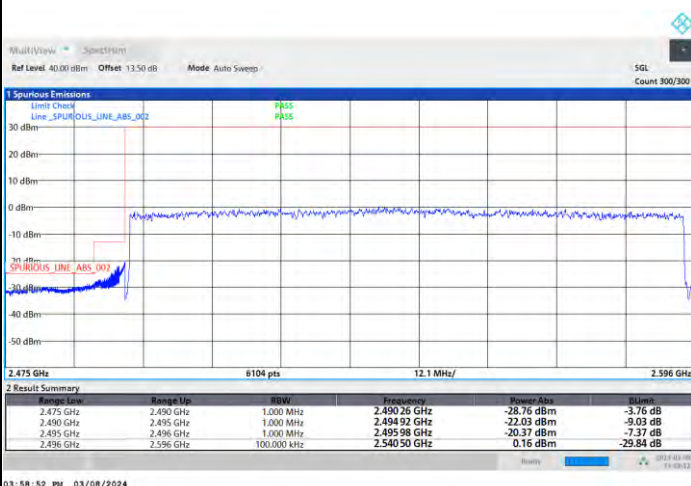
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

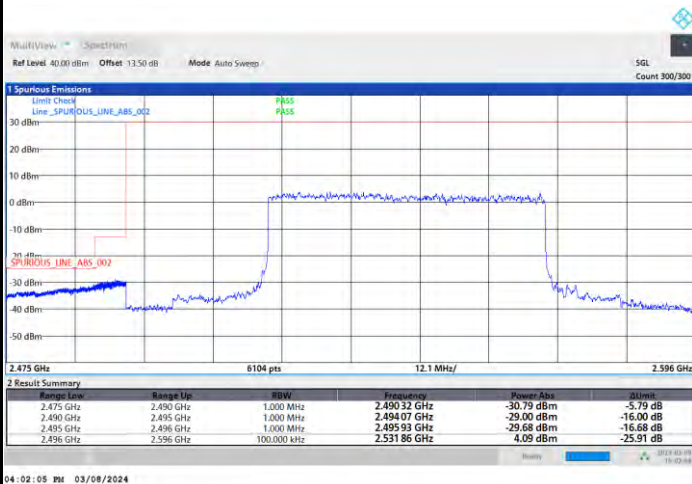




FR1 n41 / 100MHz / DFT-S OFDM / QPSK

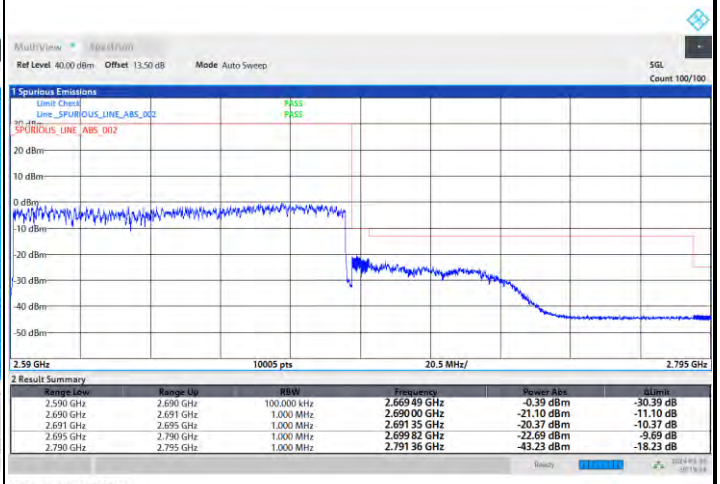
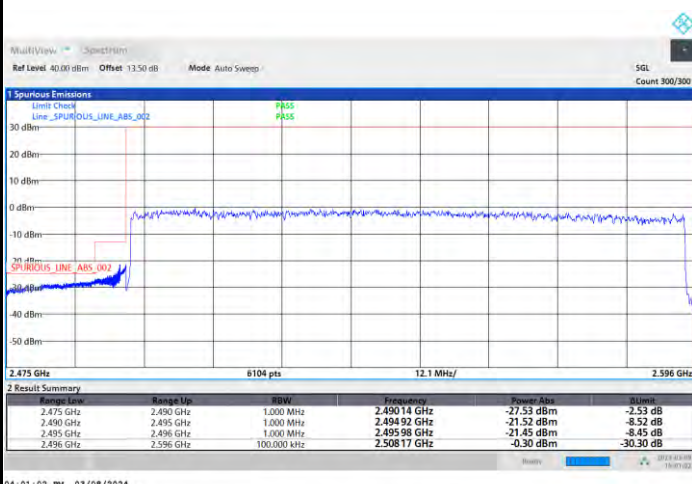
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

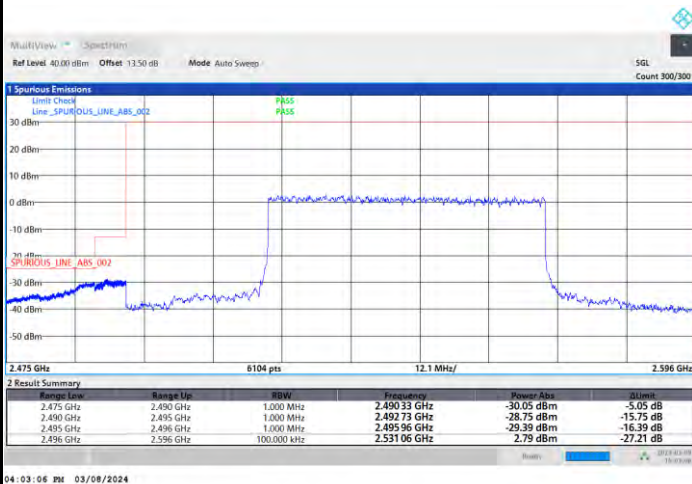




FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

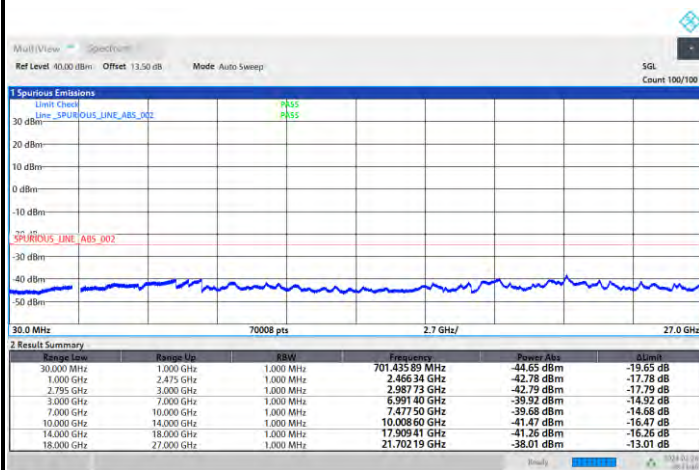




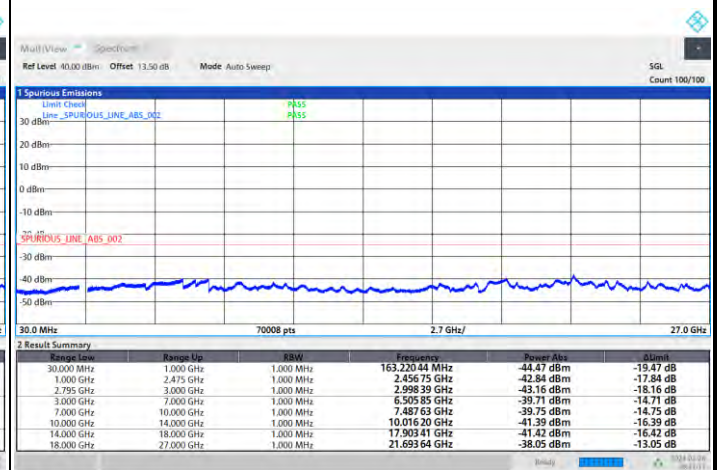
Conducted Spurious Emission

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

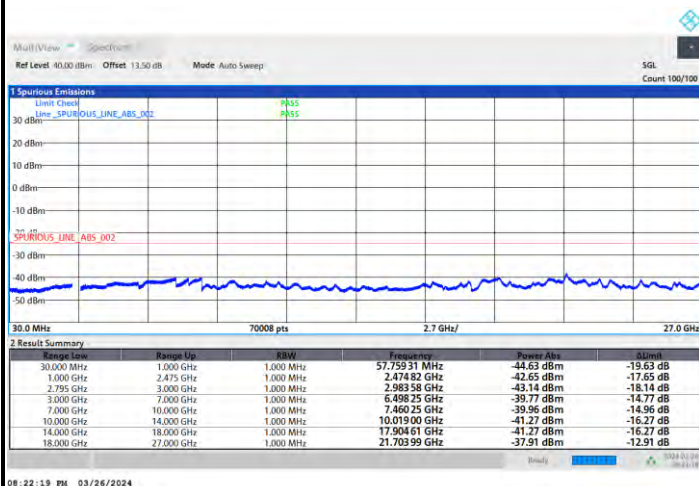
Lowest Channel



Middle Channel



Highest Channel





MIMO <Ant. 2+1>

Conducted Band Edge

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

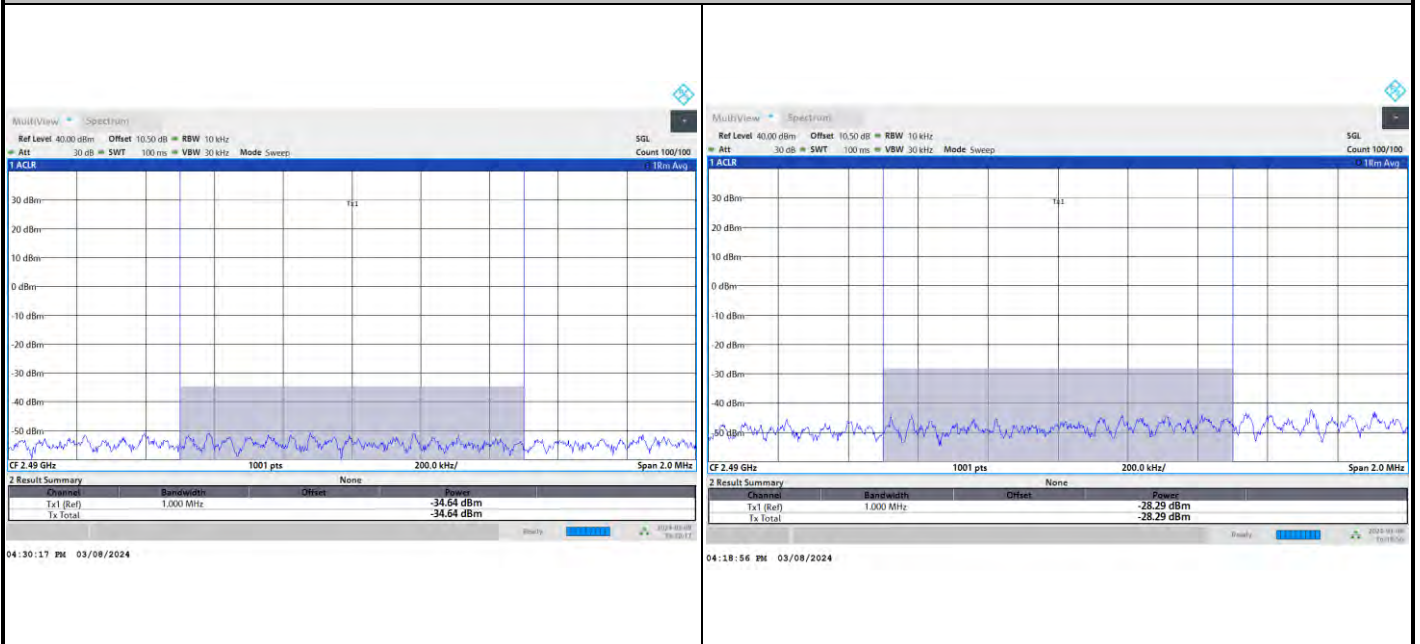
Lowest Band Edge / Outter Full RB / TX0

Lowest Band Edge / Outter Full RB / TX1

Channel power -34.64dBm/MHz

Channel power -28.29dBm/MHz

Comined Channel Power result -27.38dBm/MHz against limit -25dBm/MHz (Pass)





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

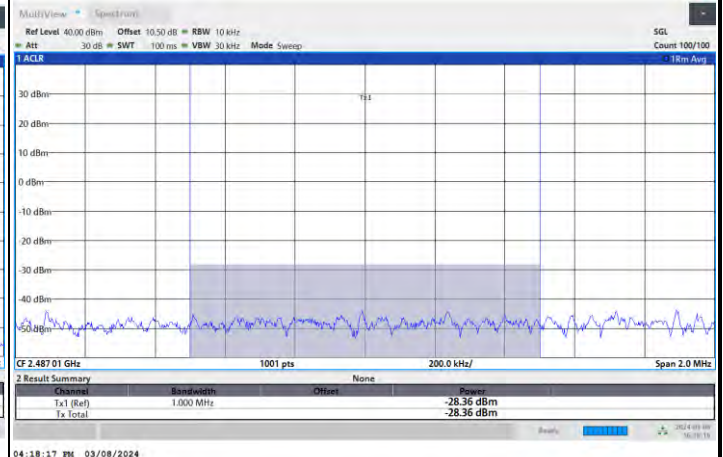
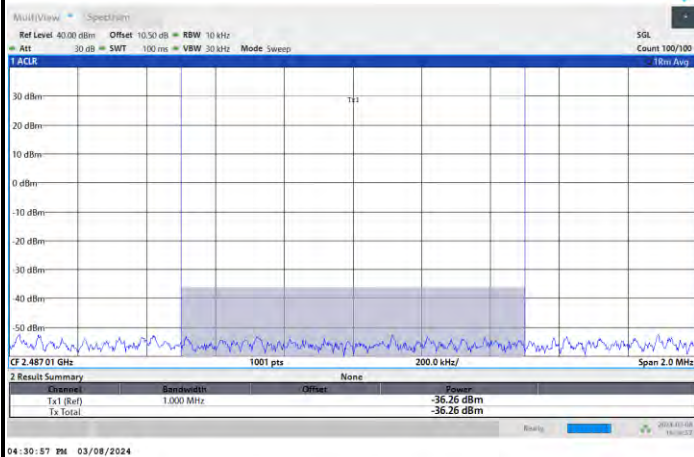
Lowest Band Edge / Outter Full RB / TX0

Lowest Band Edge / Outter Full RB / TX1

Channel power -36.26dBm/MHz

Channel power -28.36dBm/MHz

Comined Channel Power result -27.70dBm/MHz against limit -25dBm/MHz (Pass)





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

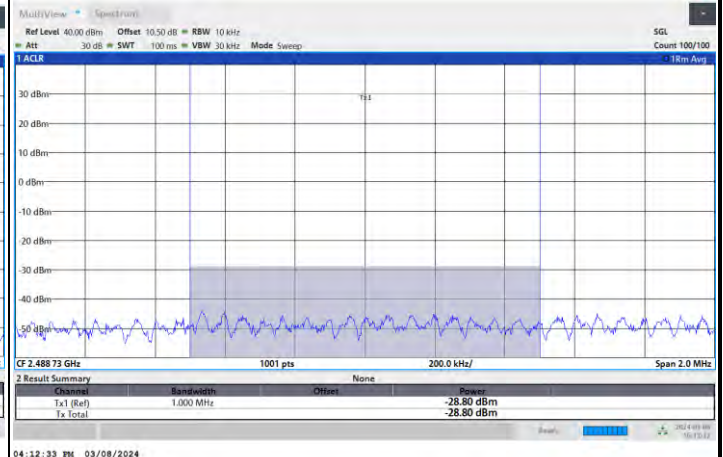
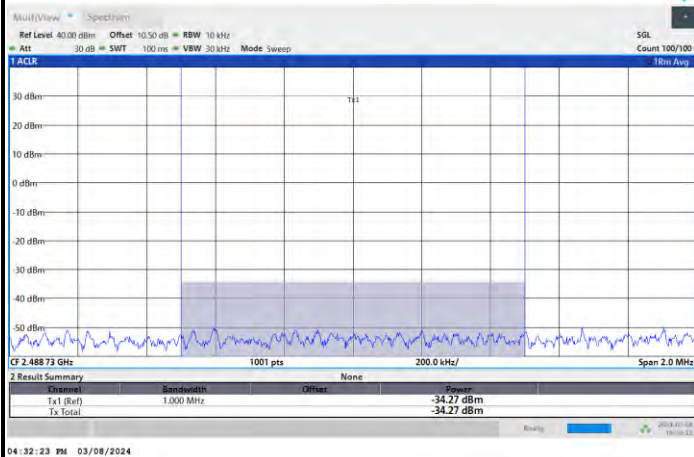
Lowest Band Edge / Inner Full RB / TX0

Lowest Band Edge / Inner Full RB / TX1

Channel power -34.27dBm/MHz

Channel power -28.80dBm/MHz

Comined Channel Power result -27.71dBm/MHz against limit -25dBm/MHz (Pass)





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

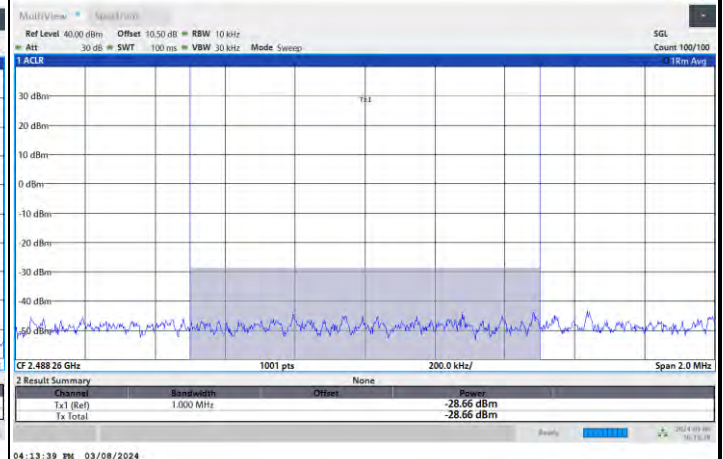
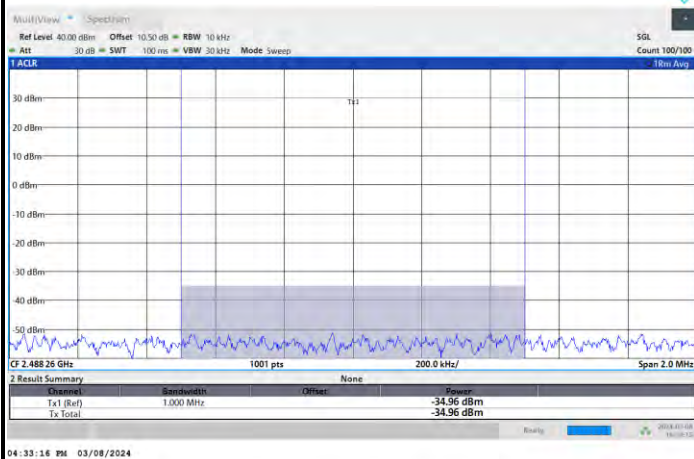
Lowest Band Edge / Outter Full RB / TX0

Lowest Band Edge / Outter Full RB / TX1

Channel power -34.96dBm/MHz

Channel power -28.66dBm/MHz

Comined Channel Power result -27.74dBm/MHz against limit -25dBm/MHz (Pass)



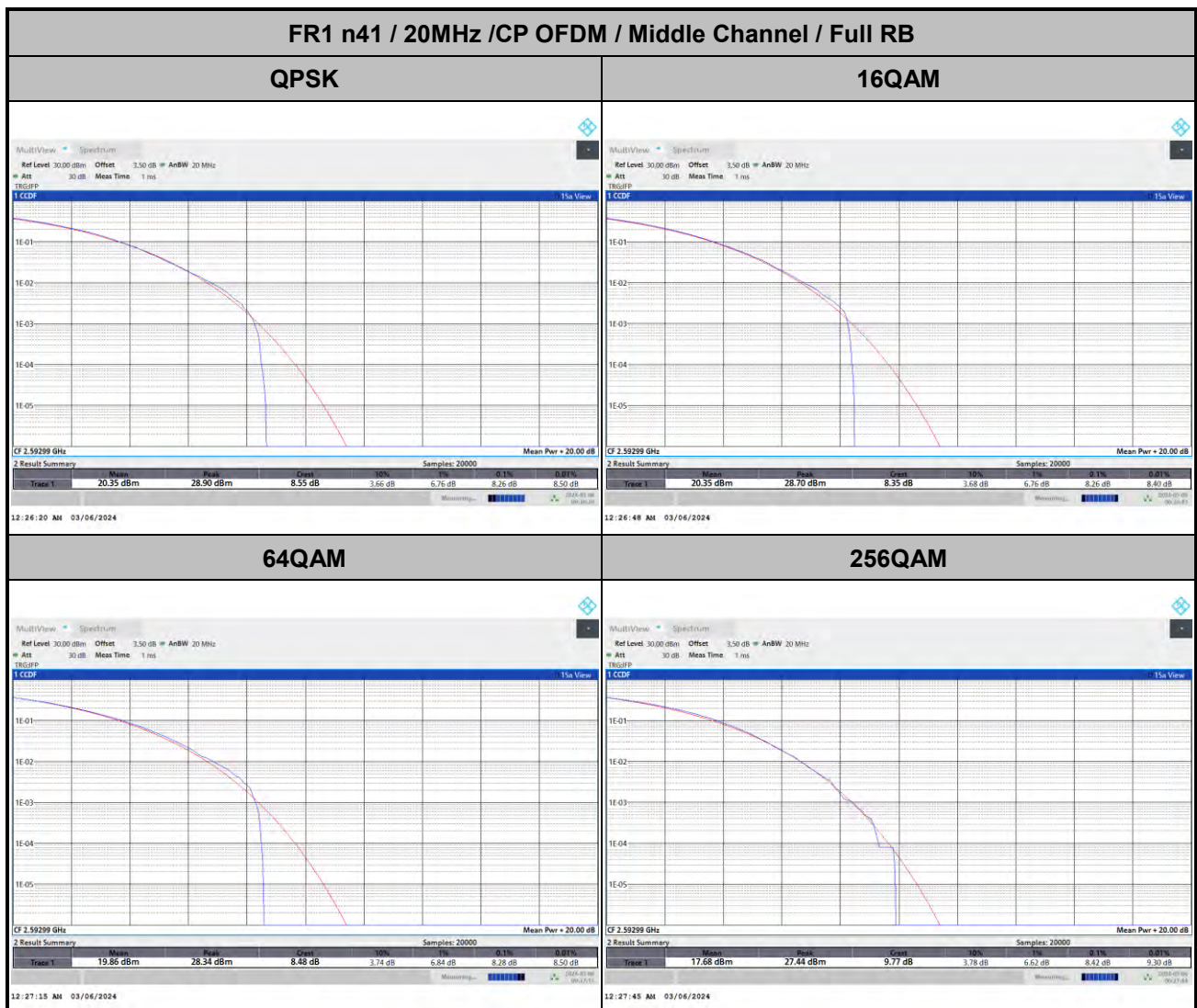


<MIMO Mode>

MIMO <Ant. 2+1> (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	8.26	8.26	8.28	8.42	PASS



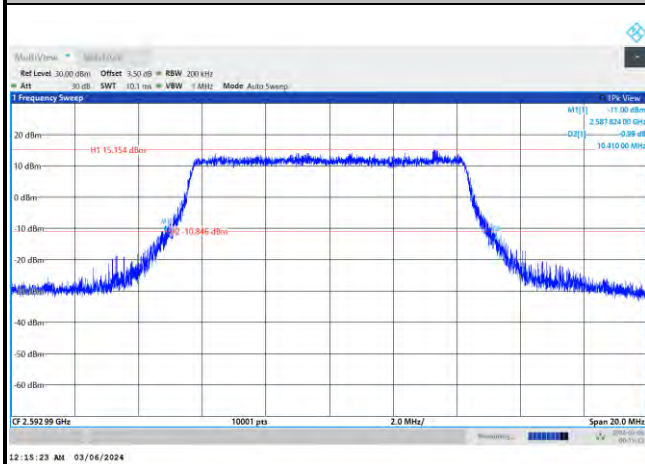
**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.41	10.51	15.71	15.61	20.59	20.60	25.67	25.69
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.19	10.13	15.40	15.64	20.45	20.40	25.40	25.65
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	31.24	30.95	42.88	42.54	52.10	52.34	66.06	67.39
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	31.70	31.31	42.78	41.97	52.39	51.96	66.55	66.23
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	76.10	76.85	83.79	83.54	95.20	96.44	106.36	105.68
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	76.58	75.84	84.53	84.98	96.91	96.59	106.50	106.76

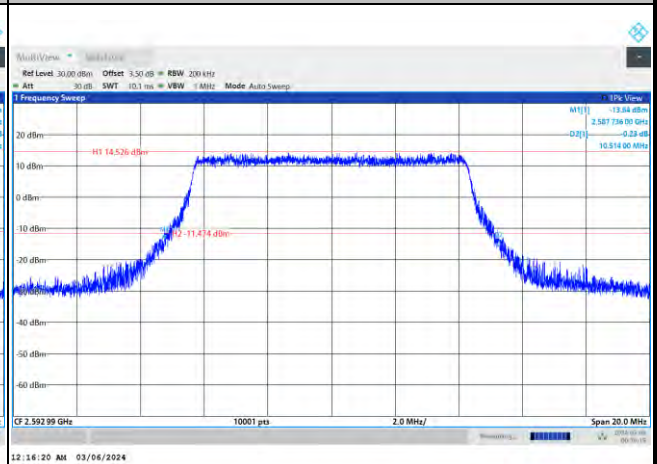


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

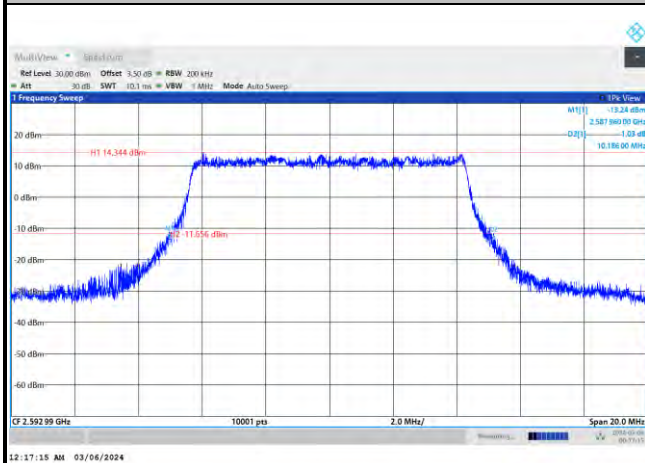
QPSK



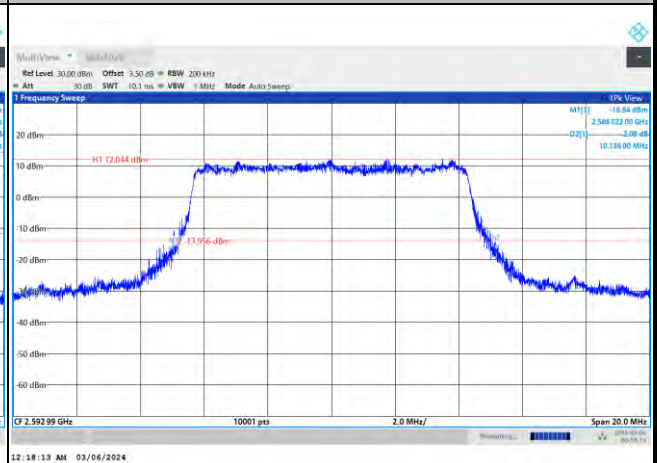
16QAM

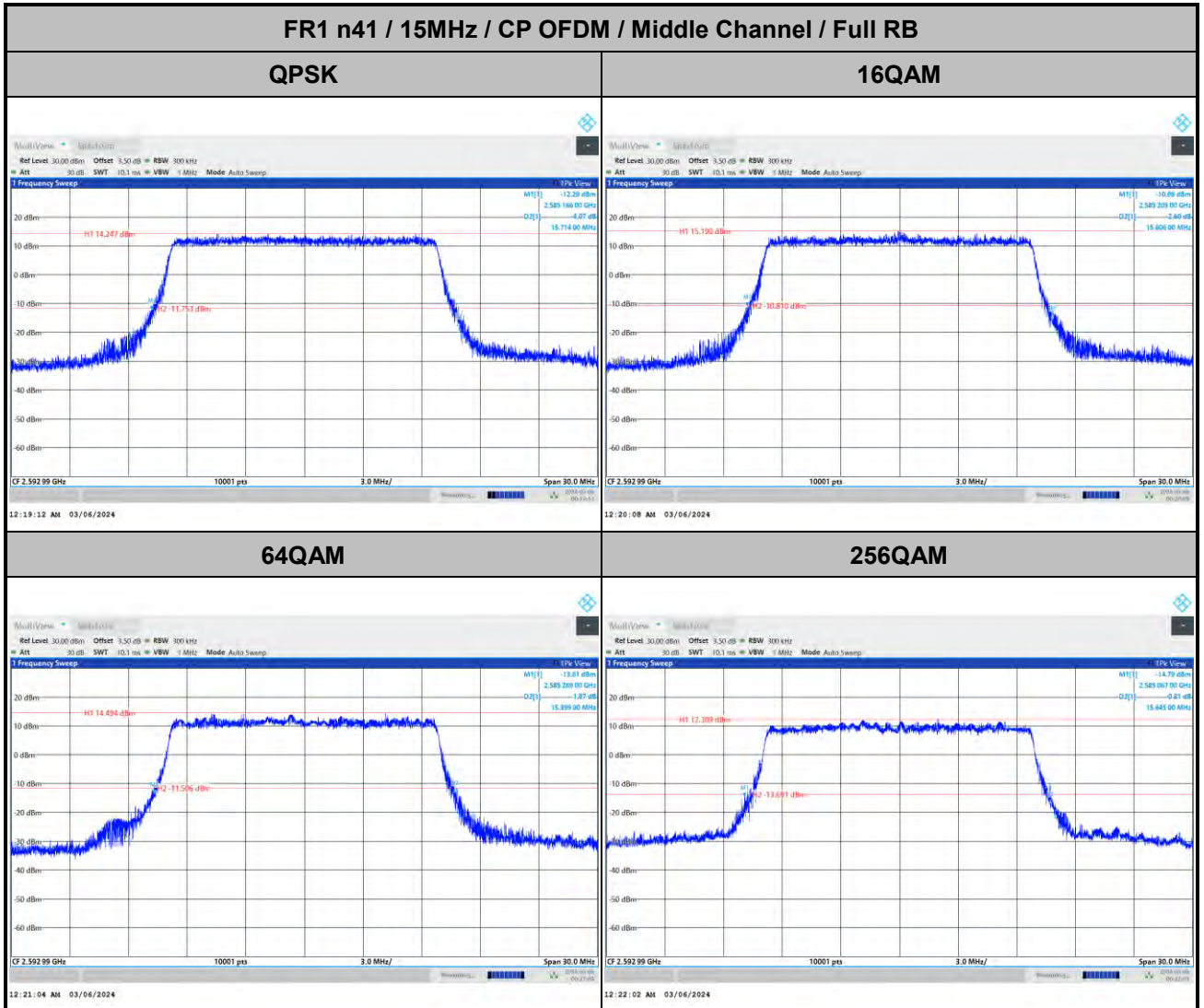


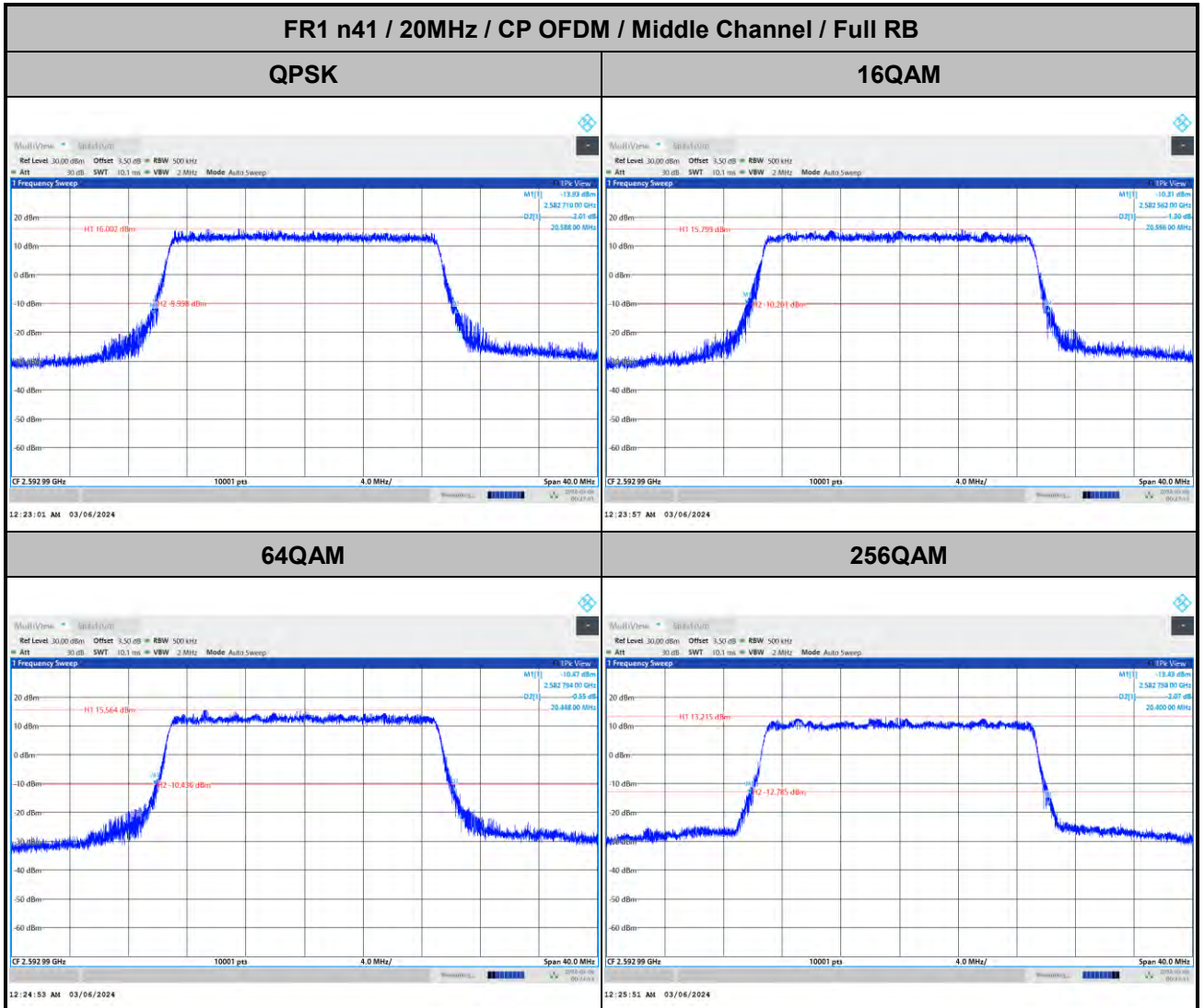
64QAM

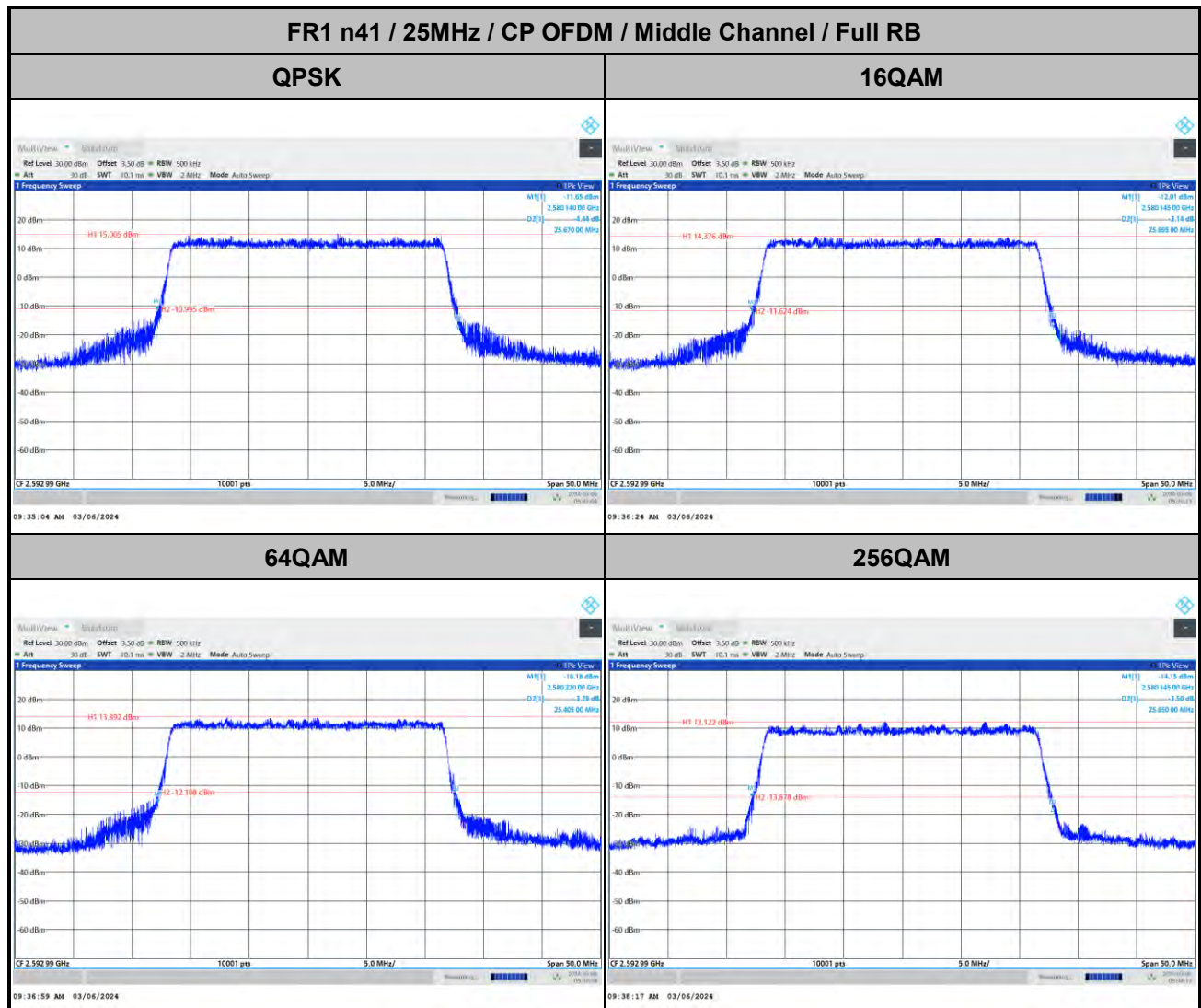


256QAM





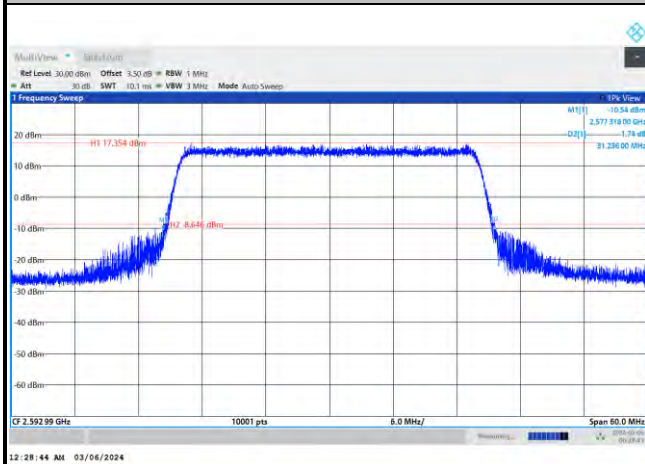




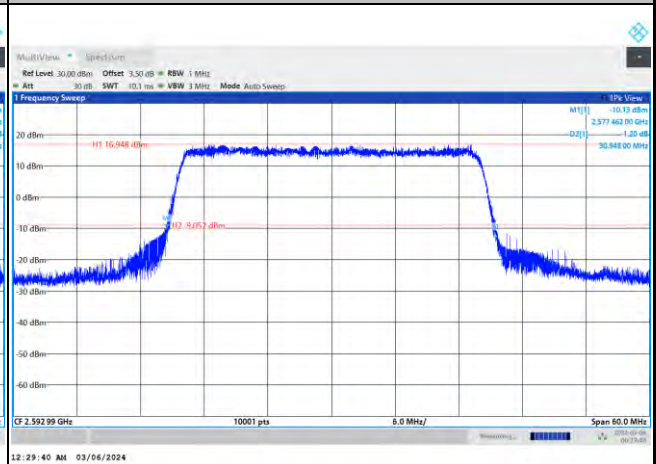


FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

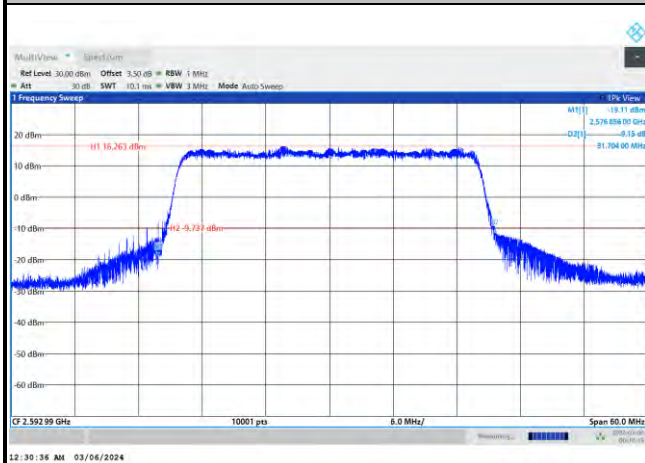
QPSK



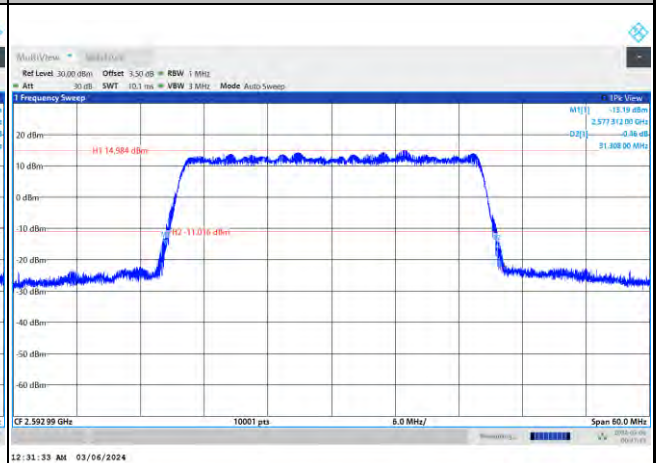
16QAM



64QAM

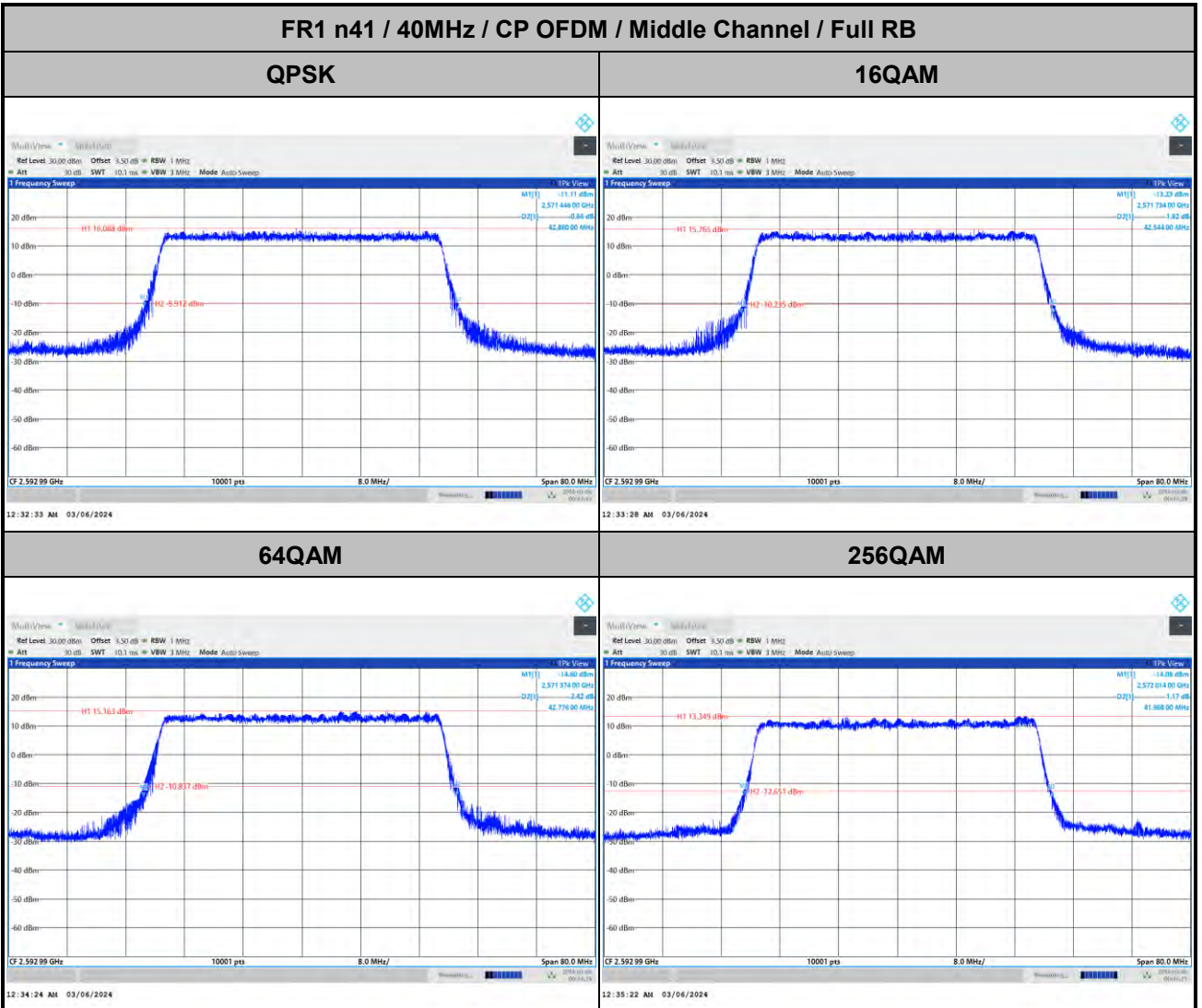


256QAM





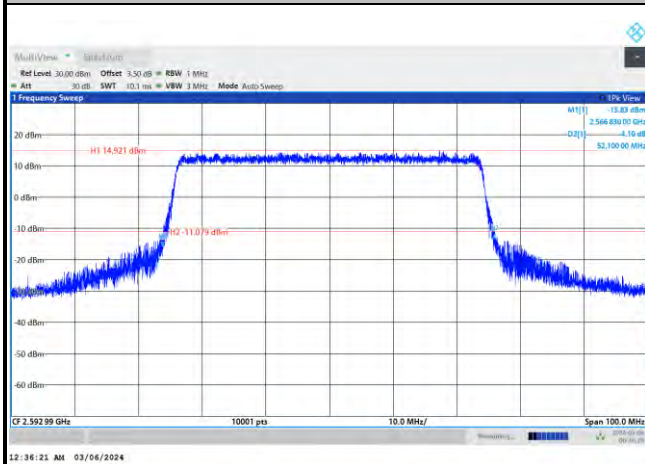
Report No. : FG3N2325C



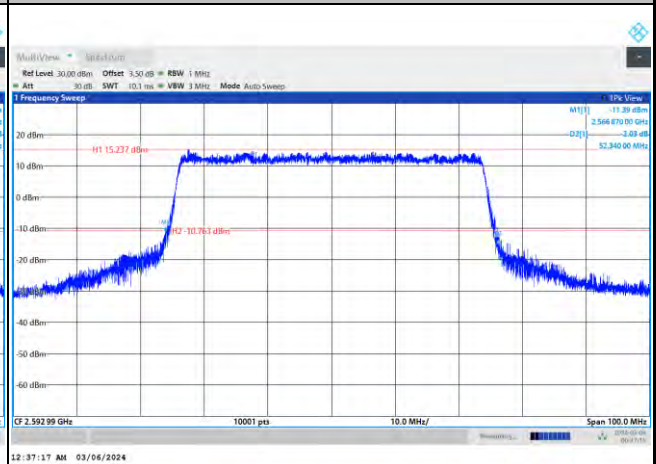


FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

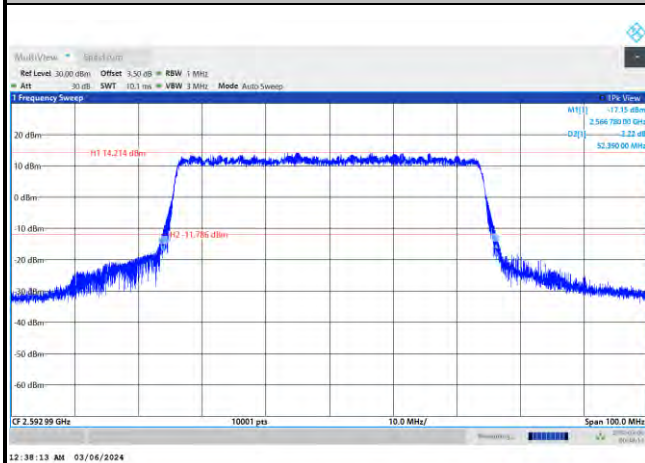
QPSK



16QAM



64QAM



256QAM

