



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

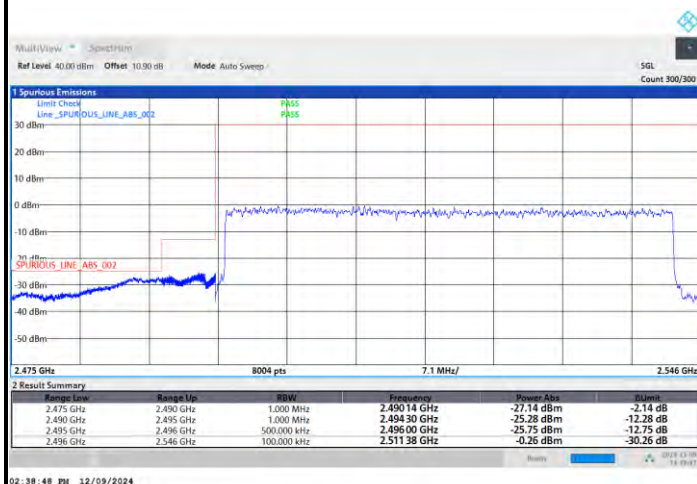


**FR1 n41 / 50MHz / DFT-S OFDM / 16QAM****Lowest Band Edge / Full RB**

02:37:31 PM 12/09/2024

Highest Band Edge / Full RB

11:18:25 AM 12/18/2024

FR1 n41 / 50MHz / DFT-S OFDM / 64QAM**Lowest Band Edge / Full RB**

02:38:48 PM 12/09/2024

Highest Band Edge / Full RB

11:19:33 AM 12/18/2024



FR1 n41 / 50MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

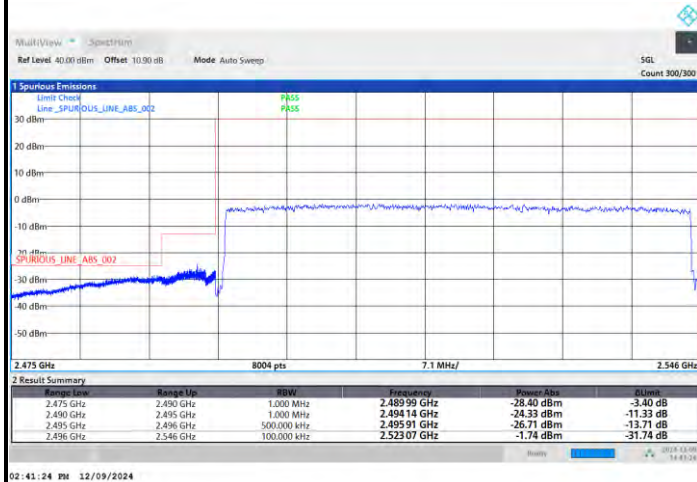


Highest Band Edge / Full RB



FR1 n41 / 50MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





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

Lowest Band Edge / Full RB

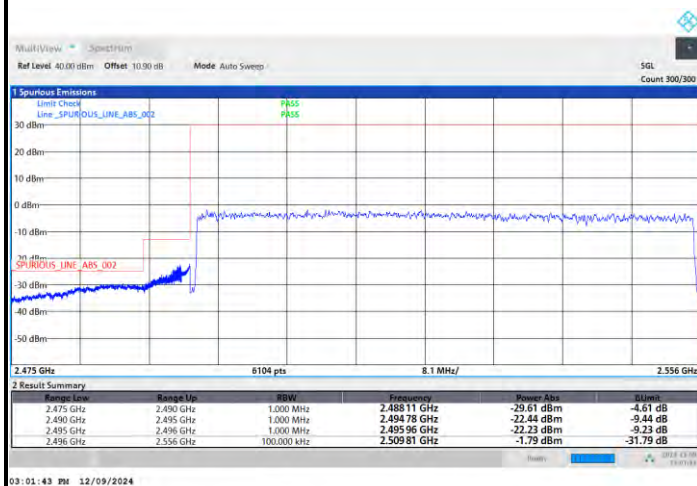


Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB



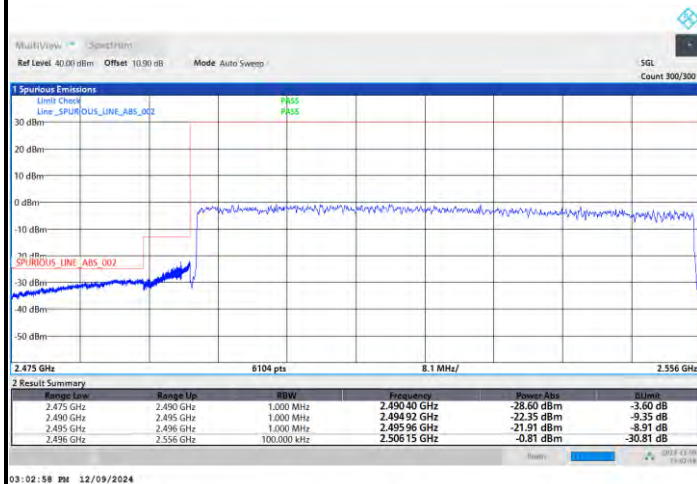
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FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



03:02:58 PM 12/09/2024

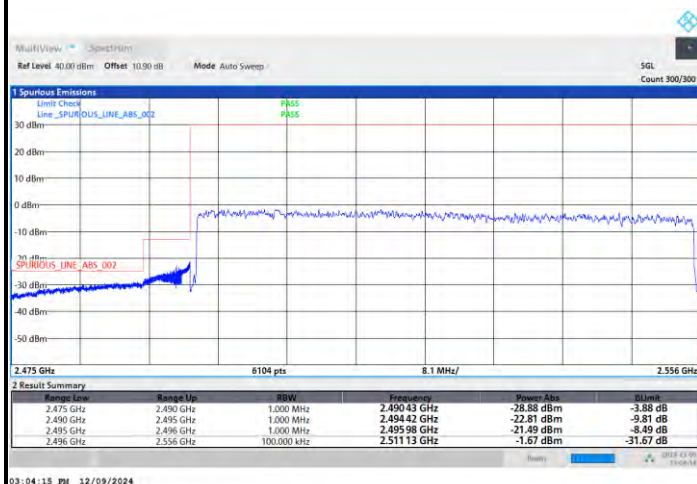
Highest Band Edge / Full RB



11:11:25 AM 12/18/2024

FR1 n41 / 60MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



03:04:15 PM 12/09/2024

Highest Band Edge / Full RB

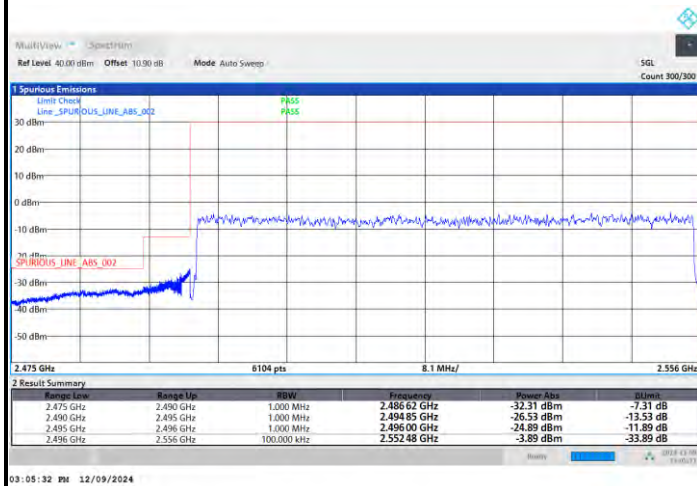


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FR1 n41 / 60MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

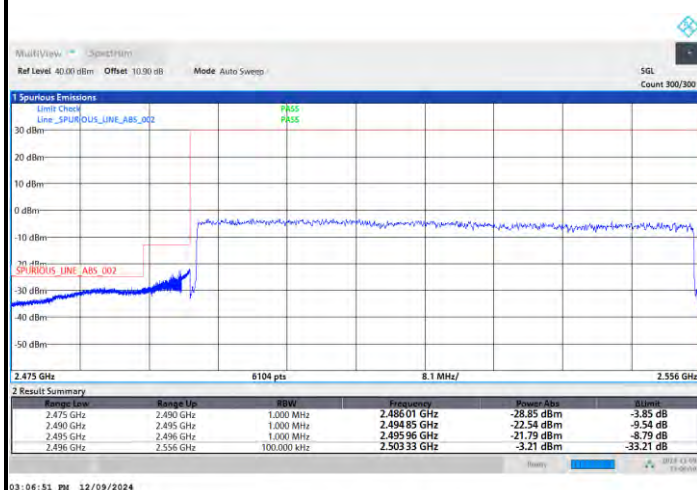


Highest Band Edge / Full RB



FR1 n41 / 60MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





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

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





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

Highest Band Edge / Full RB



FR1 n41 / 70MHz / DFT-S OFDM / 64QAM

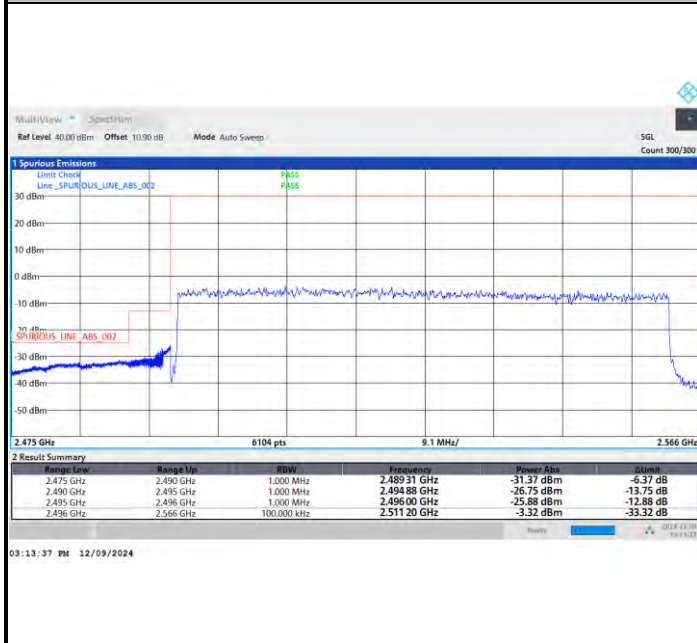
Highest Band Edge / Full RB





FR1 n41 / 70MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

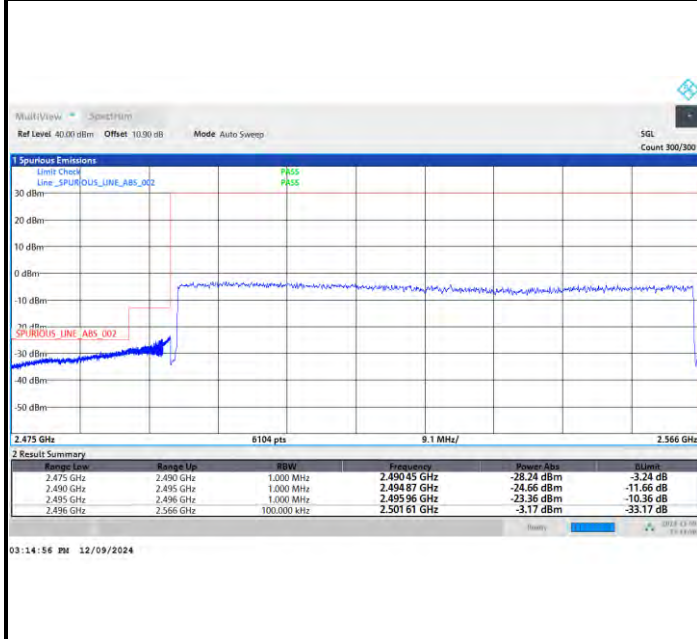


Highest Band Edge / Full RB



FR1 n41 / 70MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



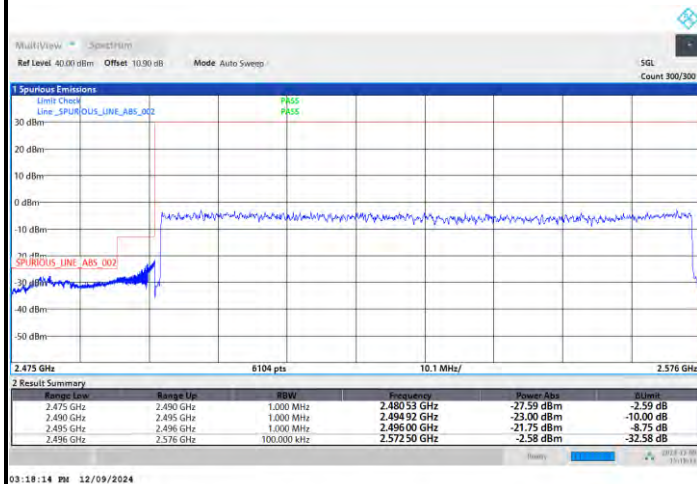
Highest Band Edge



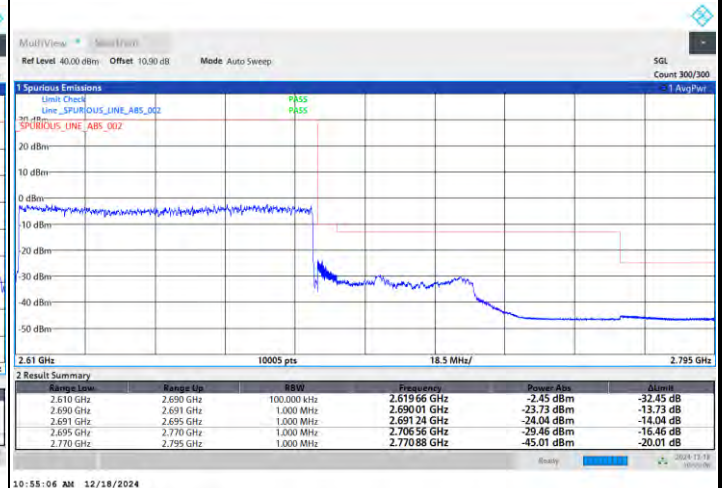


FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

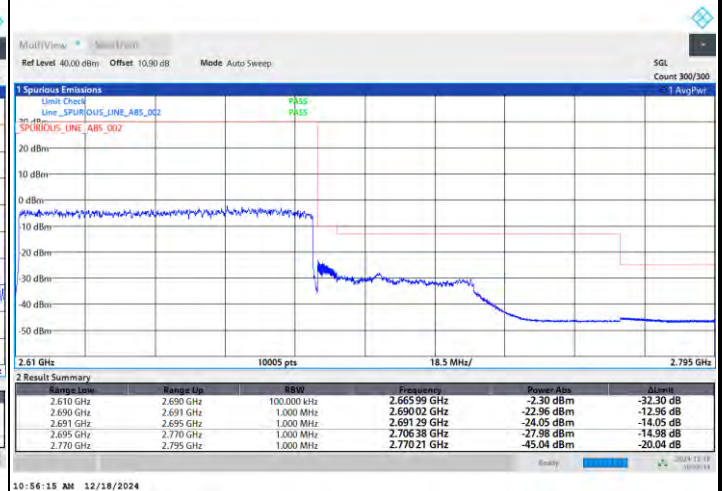


FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



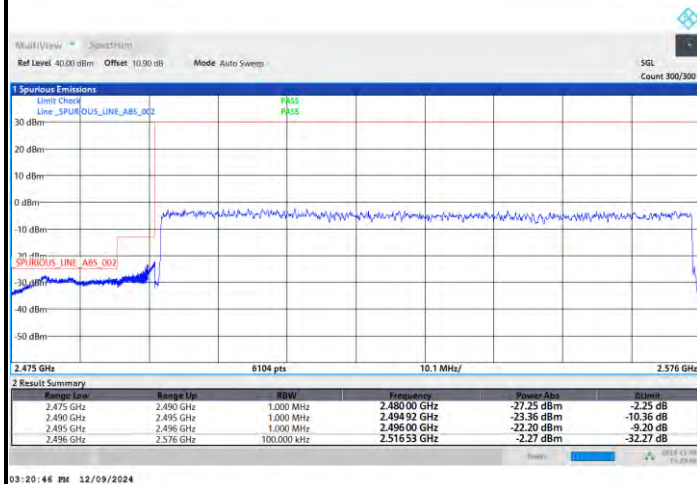
Highest Band Edge / Full RB



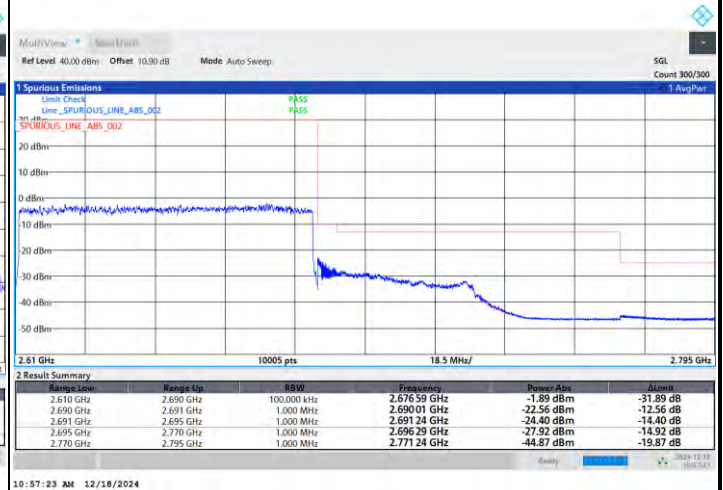


FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



FR1 n41 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



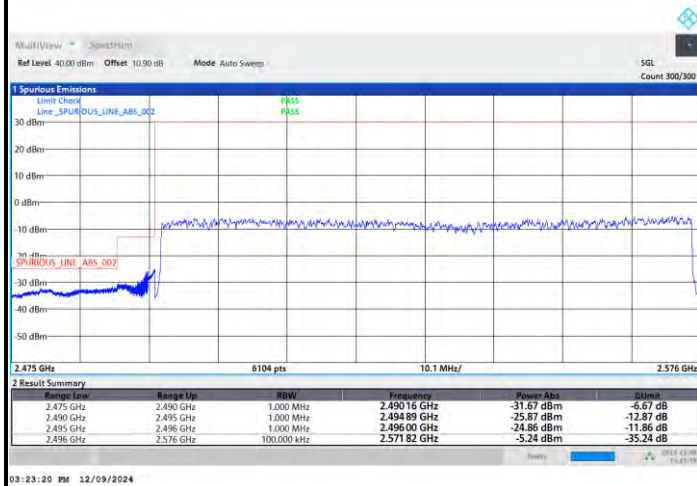
Highest Band Edge / Full RB





FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



03:23:20 PM 12/09/2024

Highest Band Edge / Full RB



10:59:42 AM 12/18/2024

FR1 n41 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



03:24:39 PM 12/09/2024

Highest Band Edge



11:00:53 AM 12/18/2024



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

Highest Band Edge / Full RB



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

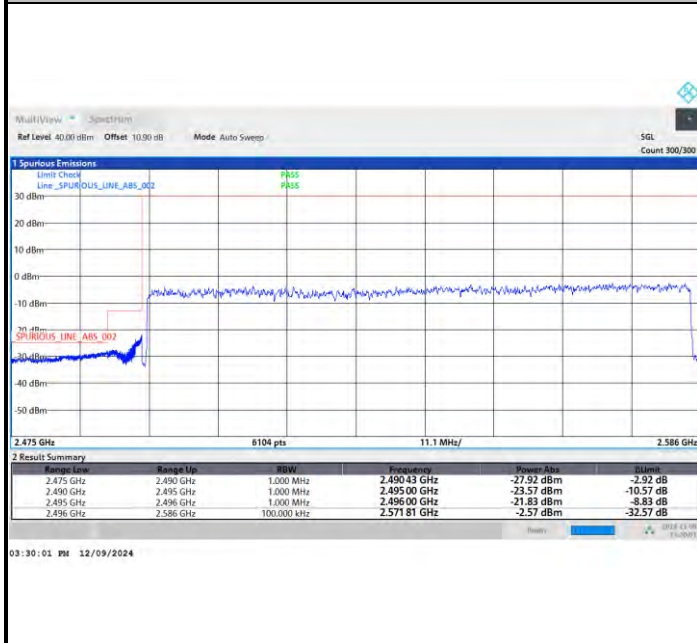
Highest Band Edge / Full RB





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

Lowest Band Edge / Full RB

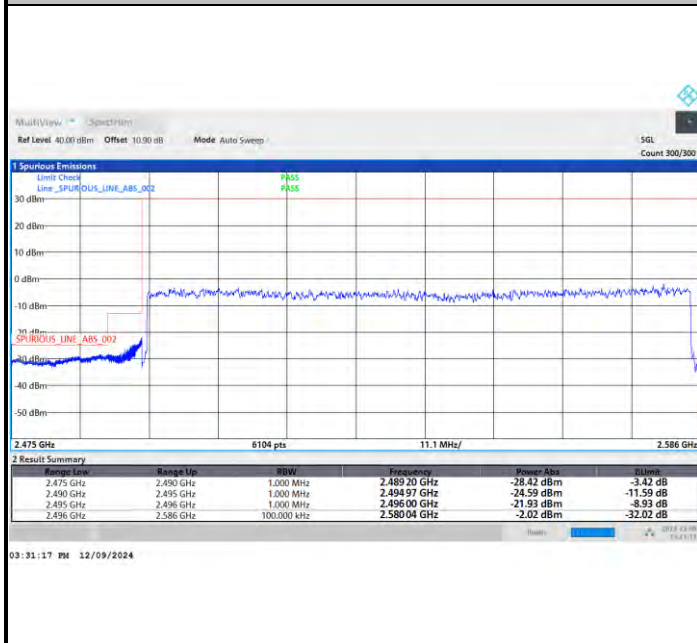


Highest Band Edge / Full RB

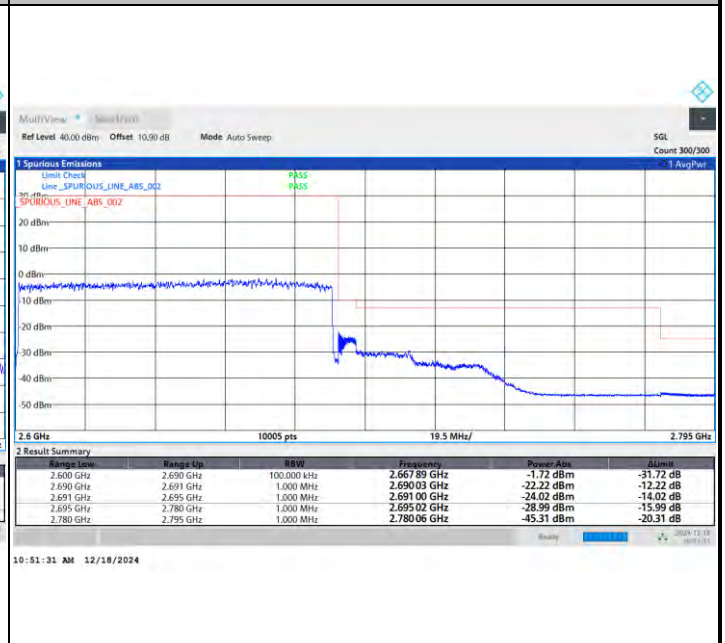


FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB

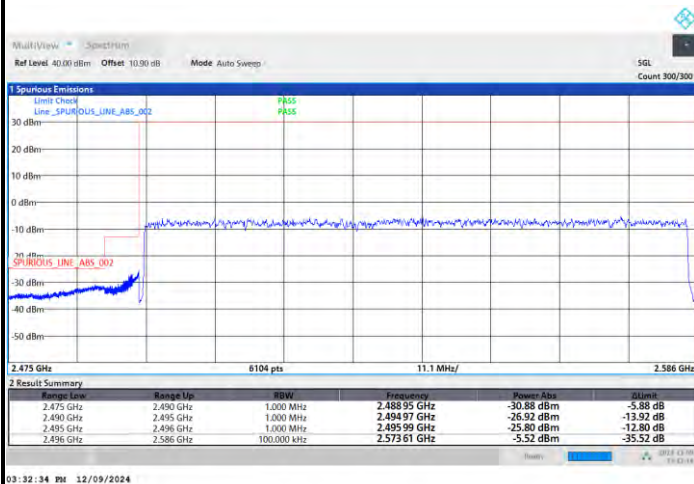


Highest Band Edge / Full RB



**FR1 n41 / 90MHz / DFT-S OFDM / 256QAM**

Lowest Band Edge / Full RB

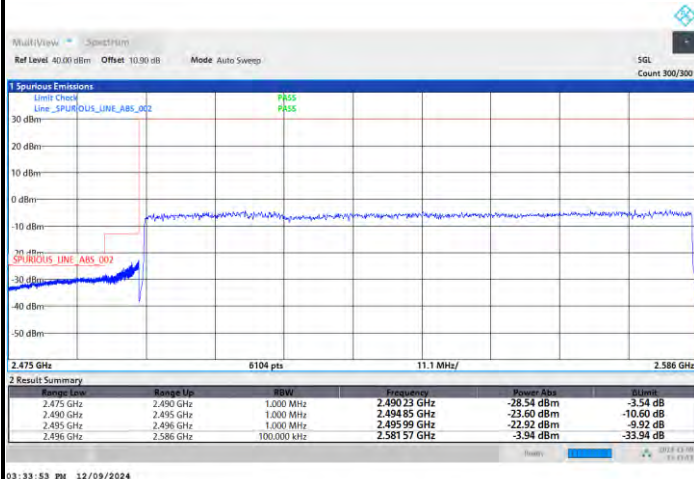


Highest Band Edge / Full RB



FR1 n41 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



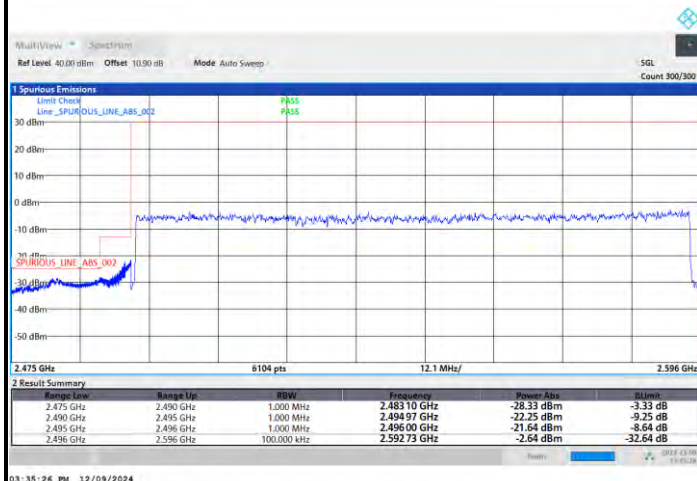
Highest Band Edge





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

Lowest Band Edge / Full RB

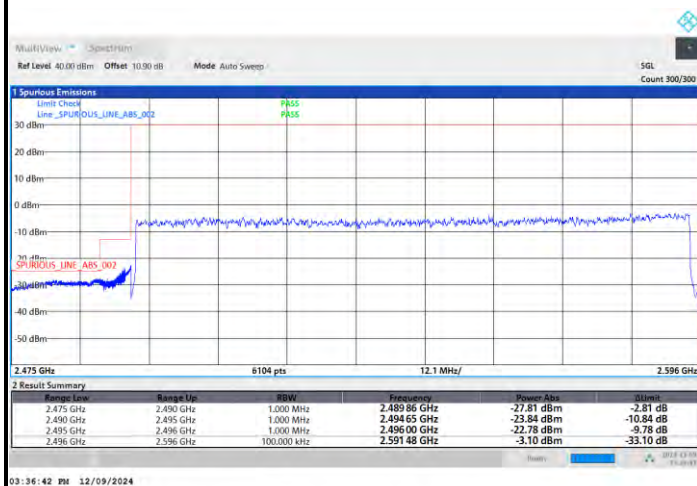


Highest Band Edge / Full RB



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

Lowest Band Edge / Full RB



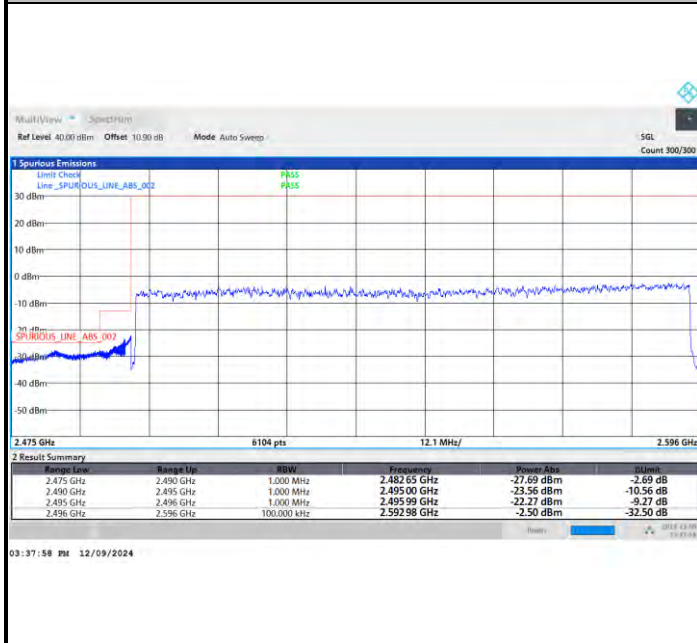
Highest Band Edge / Full RB



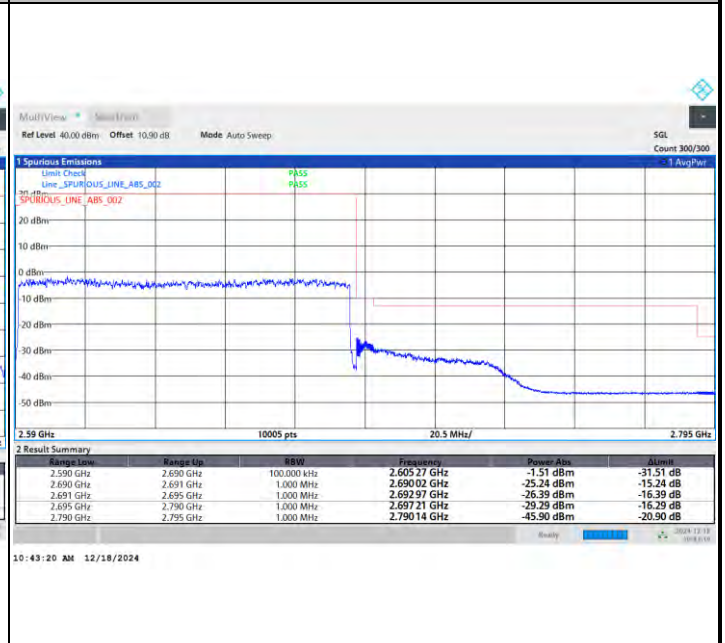


FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

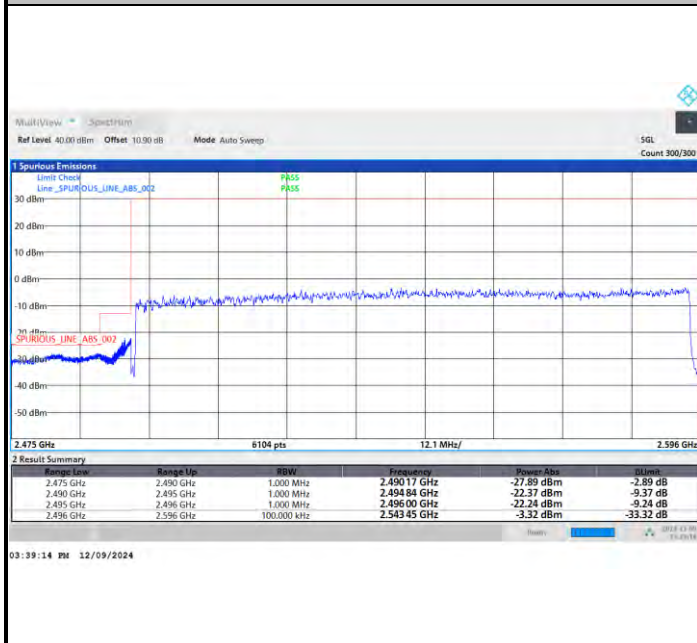


Highest Band Edge / Full RB

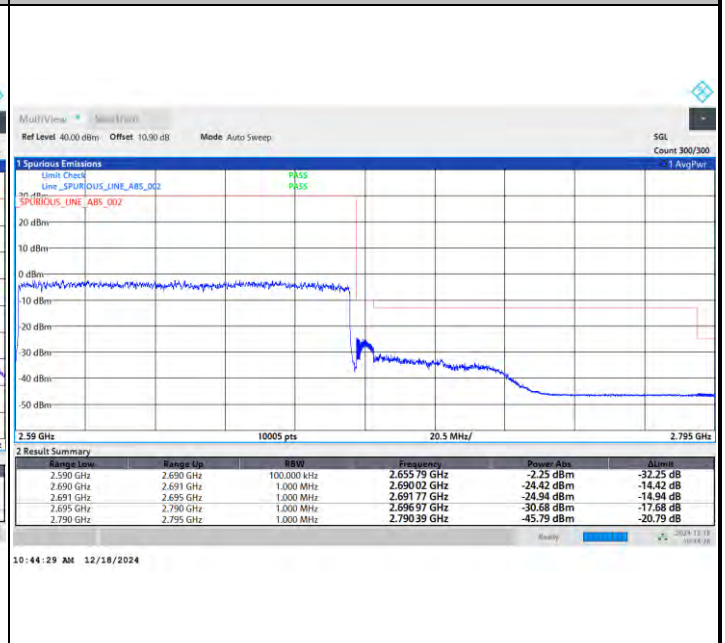


FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



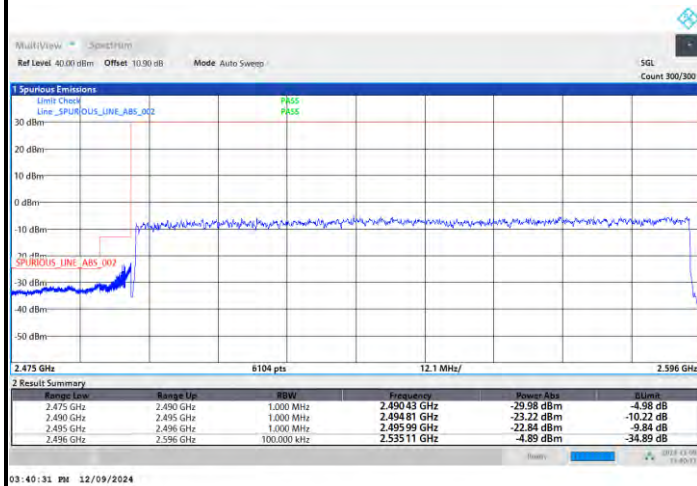
Highest Band Edge / Full RB





FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

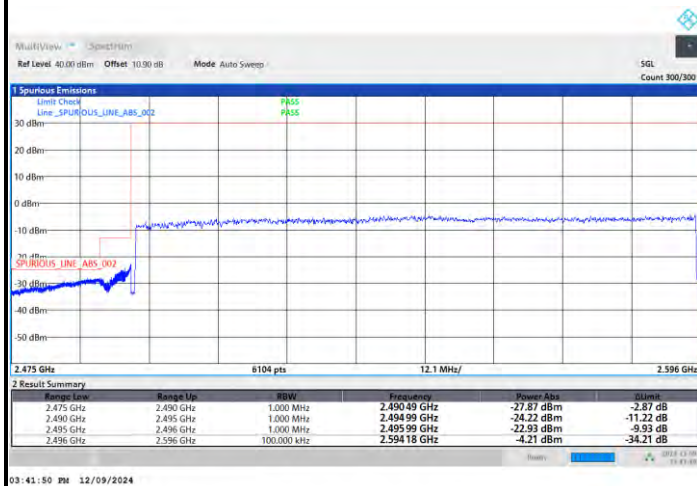


Highest Band Edge / Full RB



FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

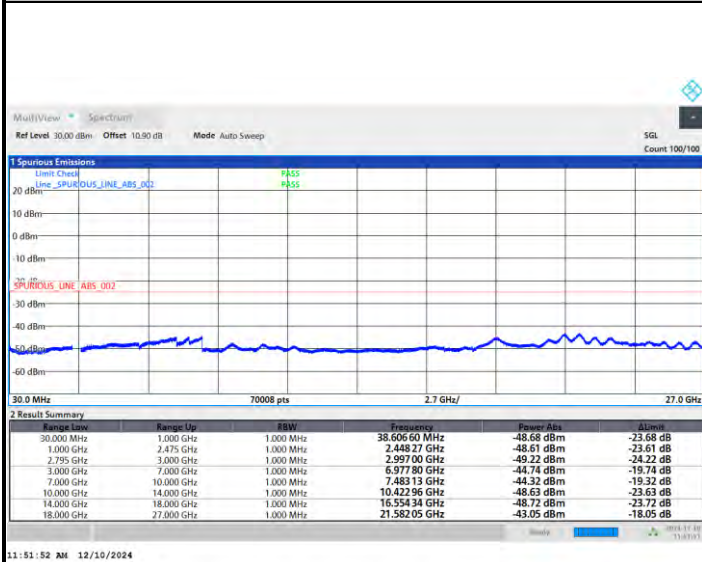




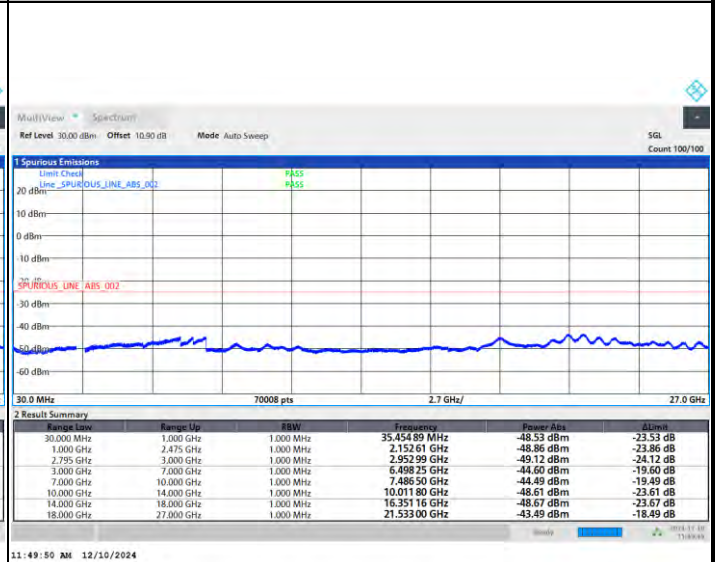
Conducted Spurious Emission

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

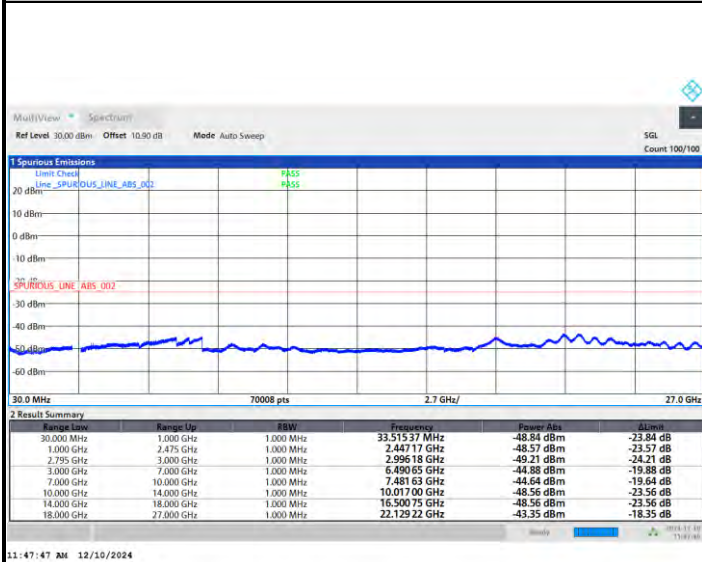
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n41 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0053	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0042	
20	Minimum Voltage	0.0046	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



<TxD Mode>

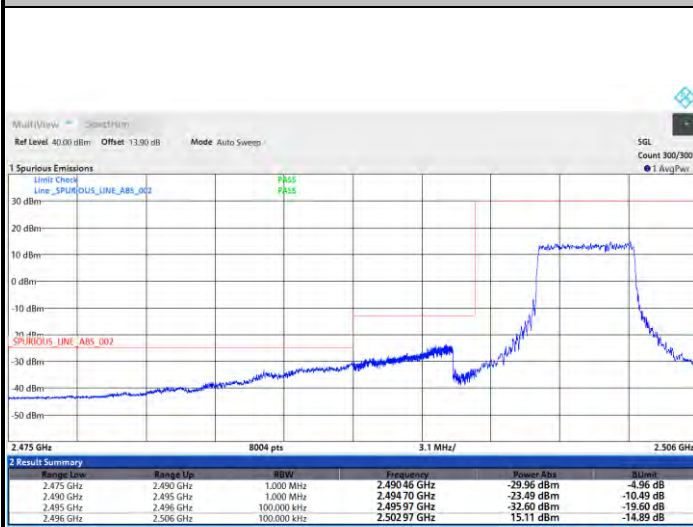
MIMO <Ant. 2+1> (Ant. 2)

Conducted Band Edge

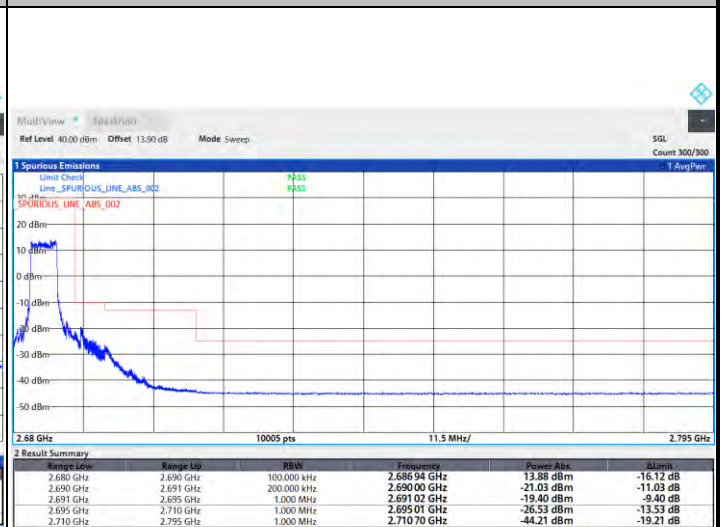
FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



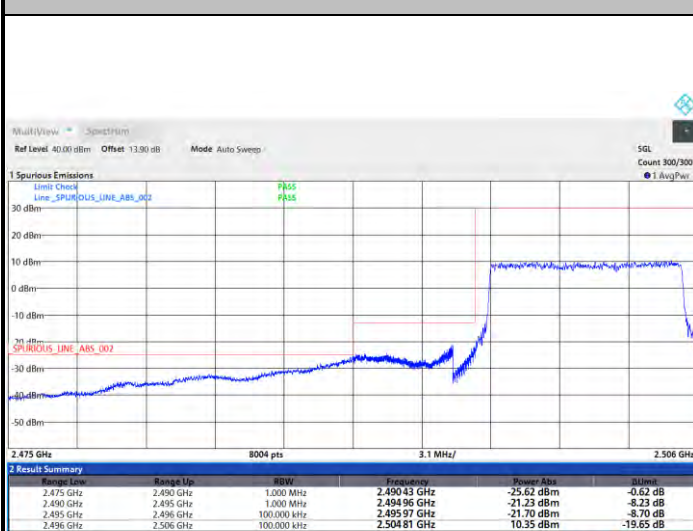
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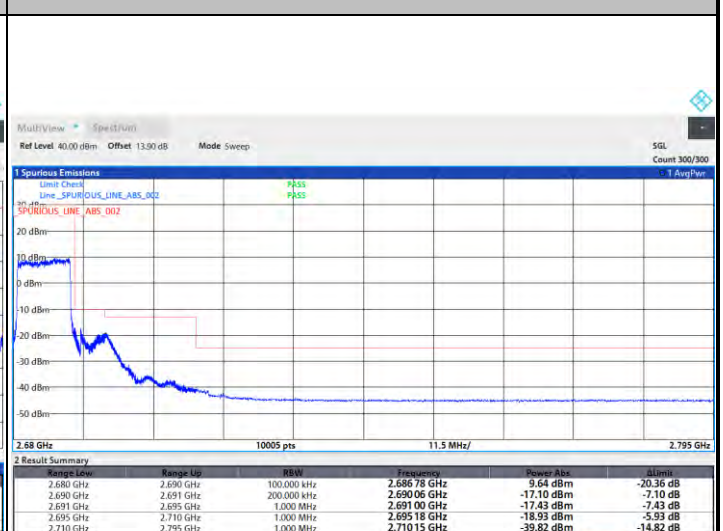
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Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



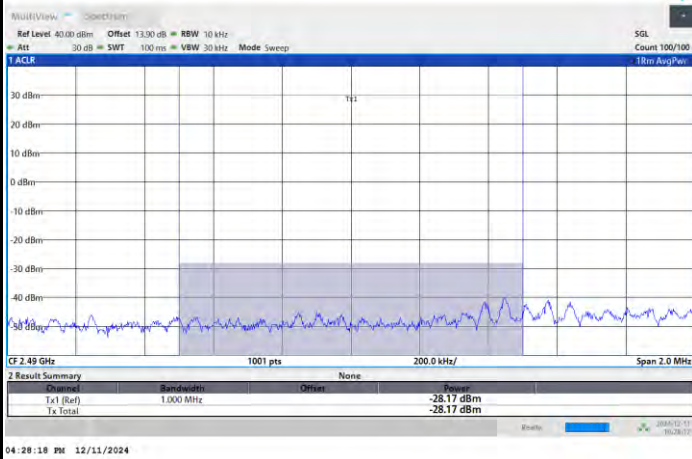
04:06:19 PM 12/11/2024



11:35:57 PM 12/18/2024



Lowest Channel Outter Full RB
Channel power -25dBm > -28.17dBm (PASS)

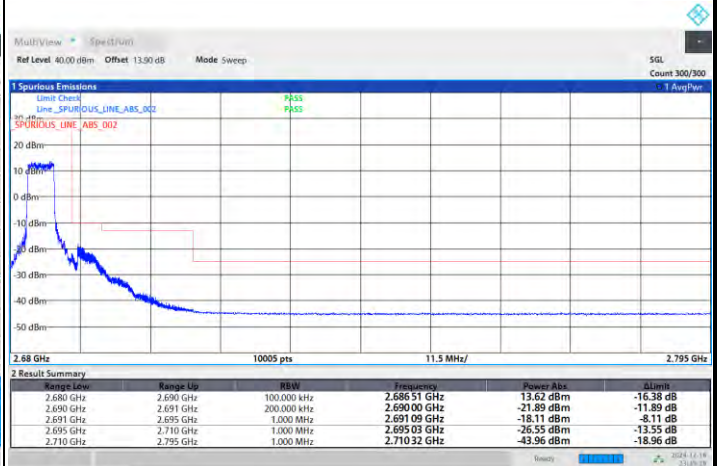




FR1 n41 / 10MHz / DFT-S OFDM / QPSK

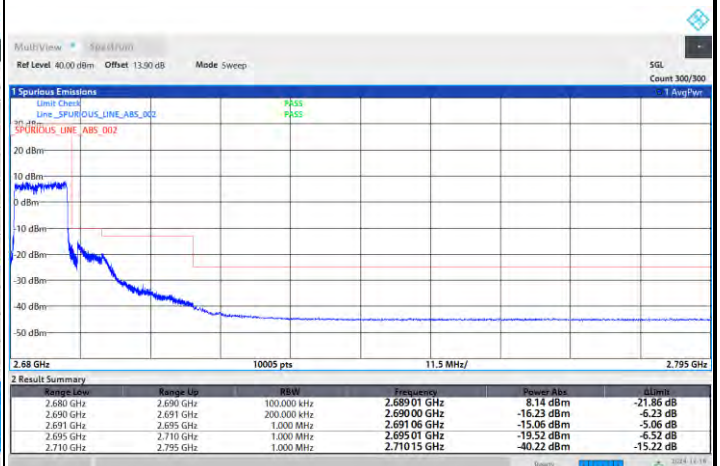
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



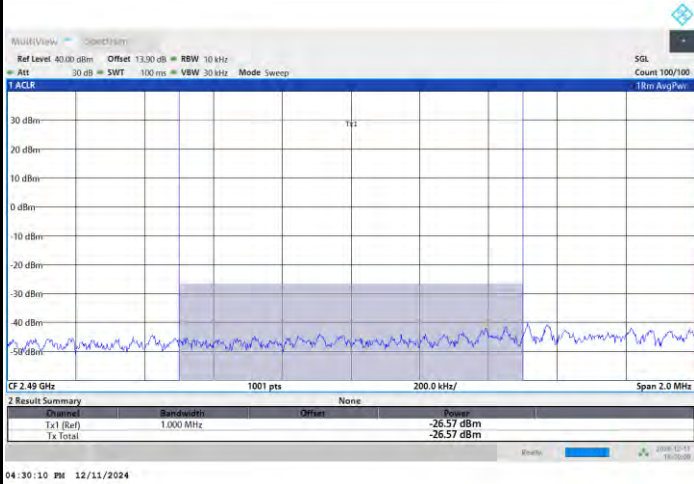
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





Lowest Channel Outter Full RB
Channel power -25dBm > -26.57dBm (PASS)

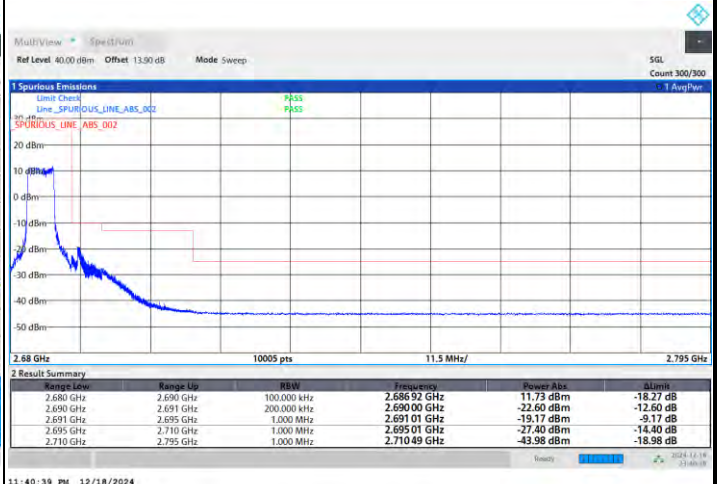




FR1 n41 / 10MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

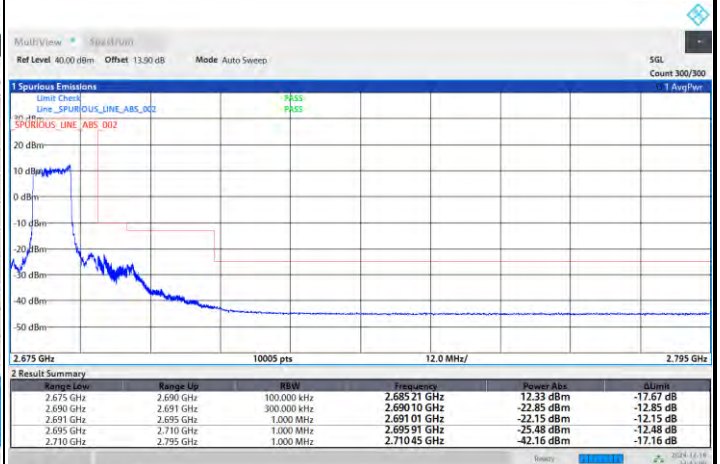
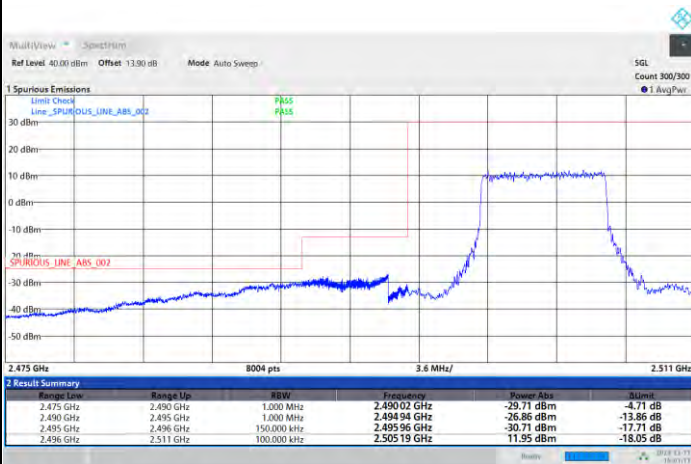




FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

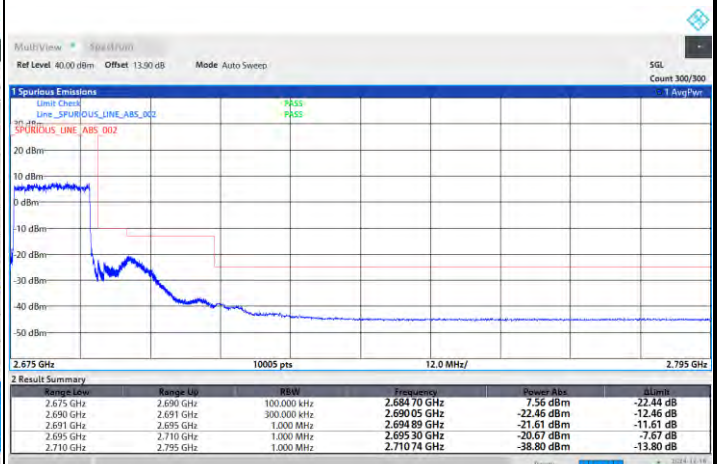
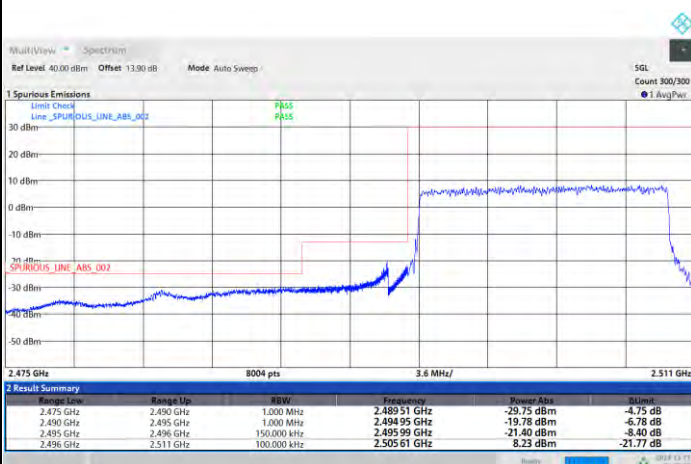
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

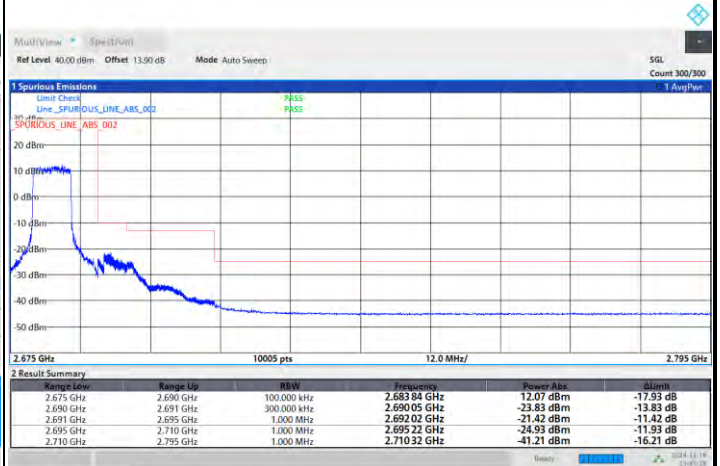
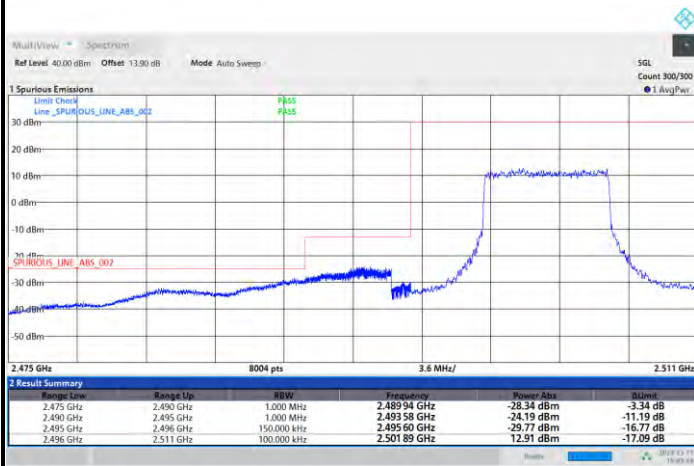




FR1 n41 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

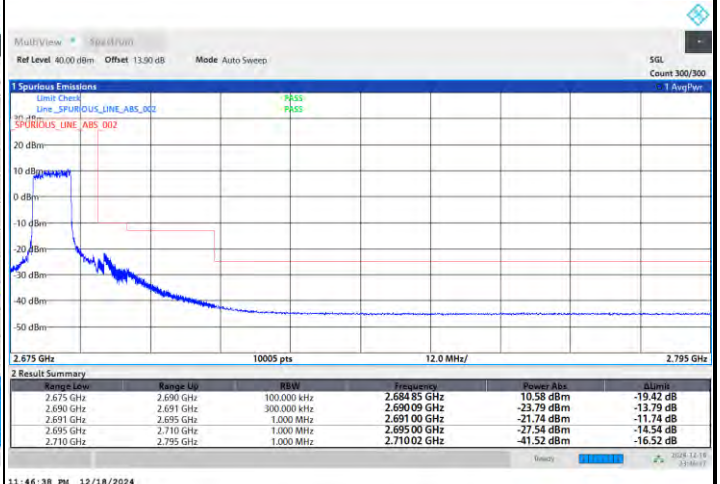
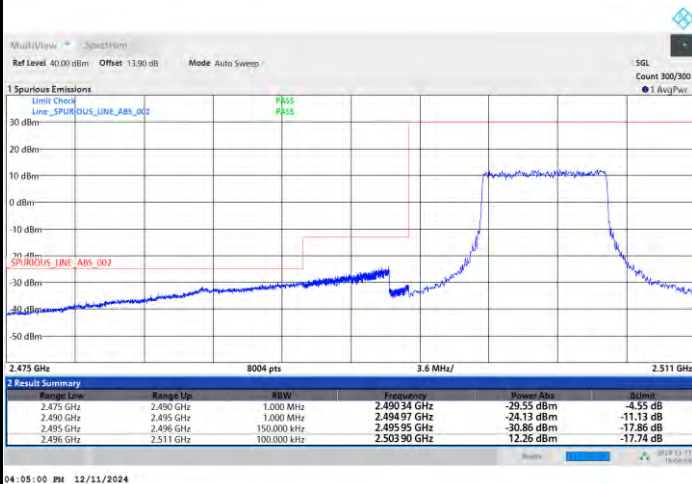




FR1 n41 / 15MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

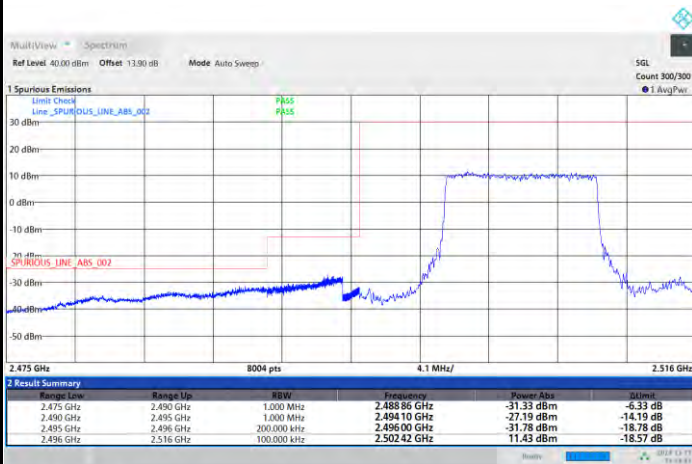




FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

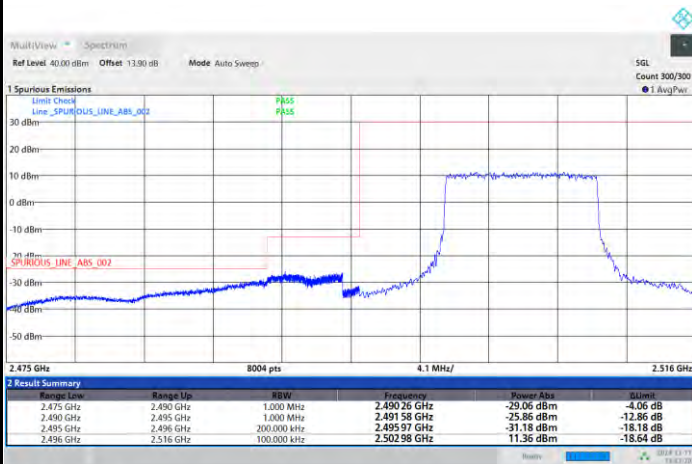




FR1 n41 / 20MHz / DFT-S OFDM / QPSK

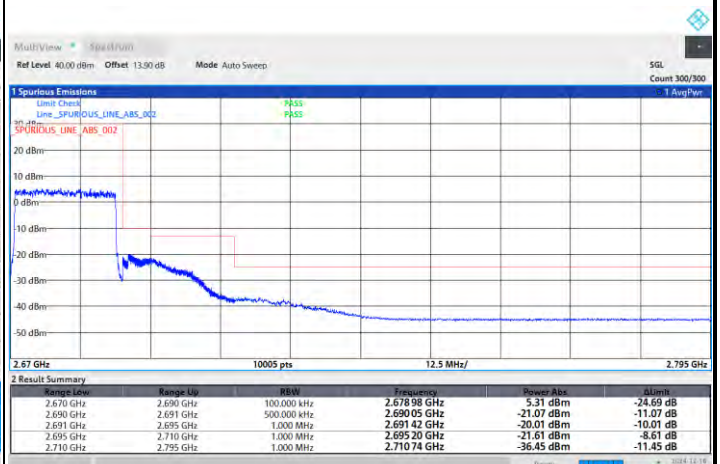
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

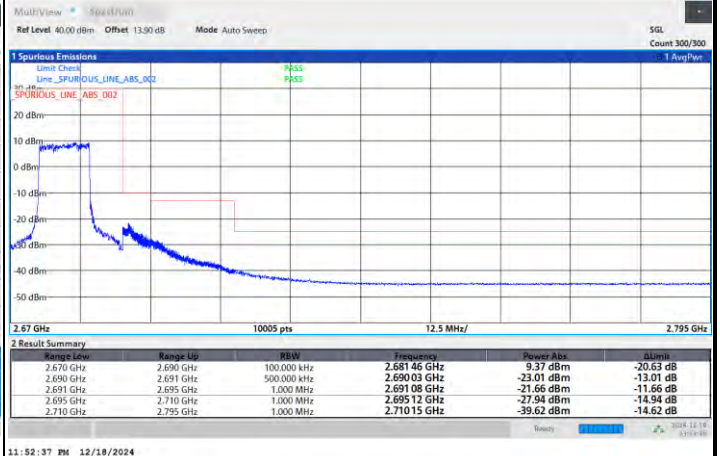
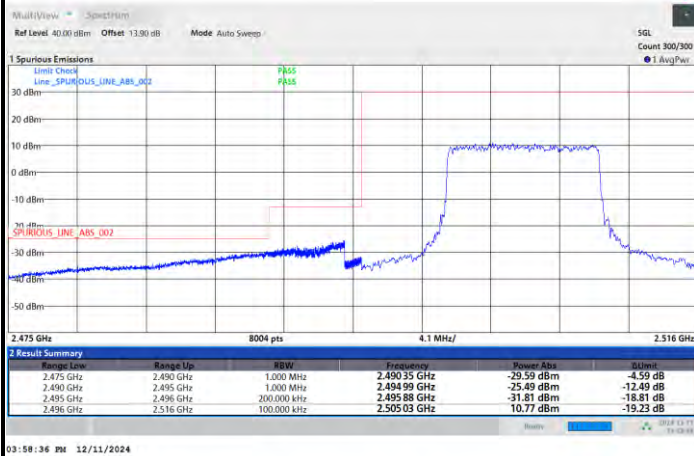




FR1 n41 / 20MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

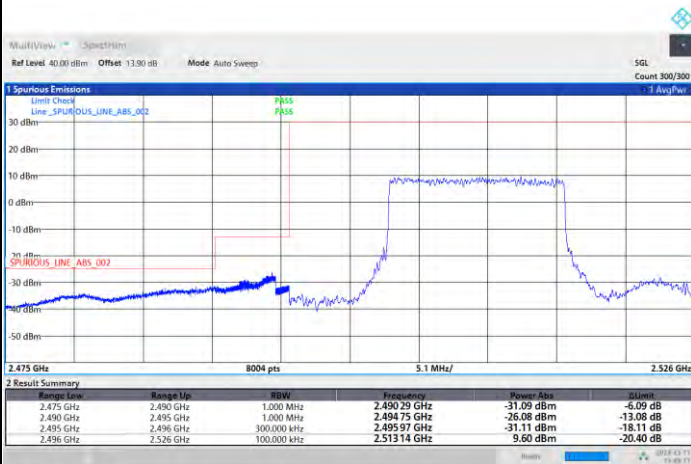




FR1 n41 / 30MHz / DFT-S OFDM / PI/2 BPSK

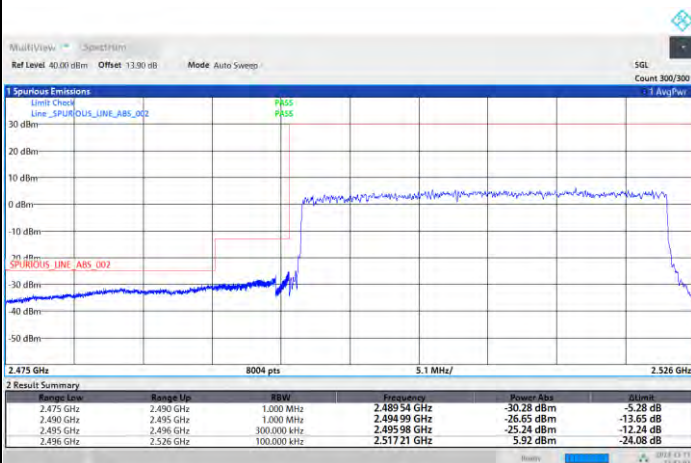
Lowest Band Edge / Inner Full RB

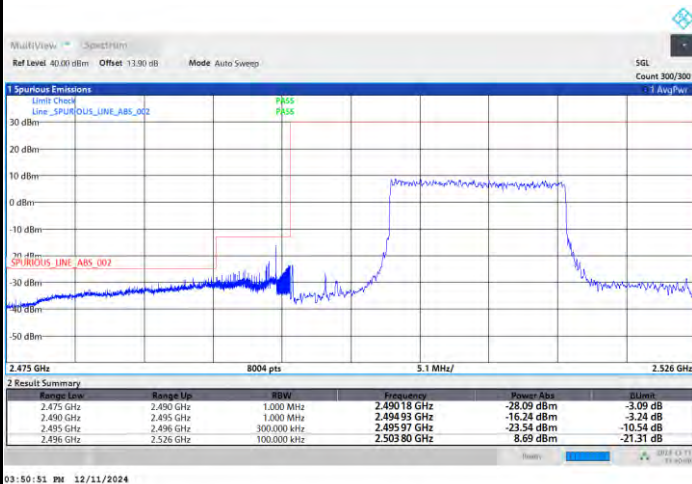
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



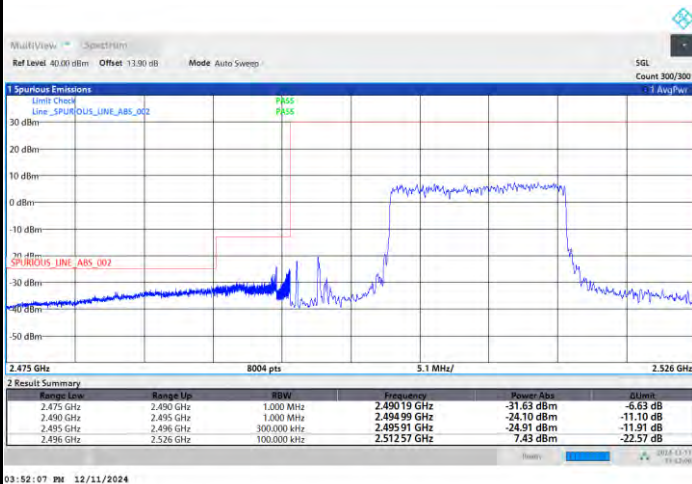
**FR1 n41 / 30MHz / DFT-S OFDM / QPSK****Lowest Band Edge / Inner Full RB****Highest Band Edge / Inner Full RB****Lowest Band Edge / Outer Full RB****Highest Band Edge / Outer Full RB**



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

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

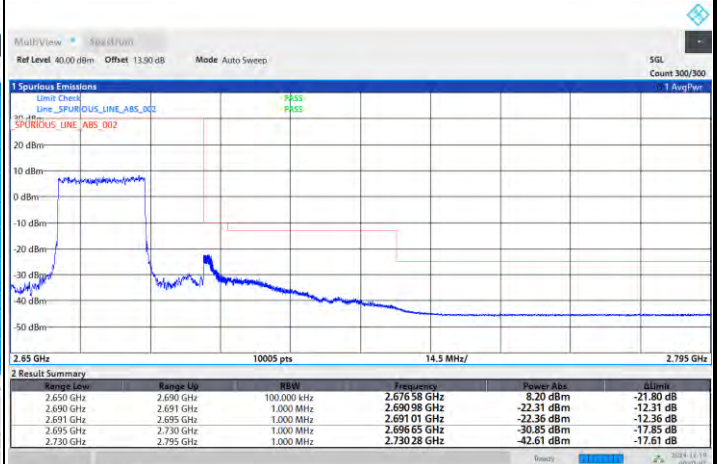
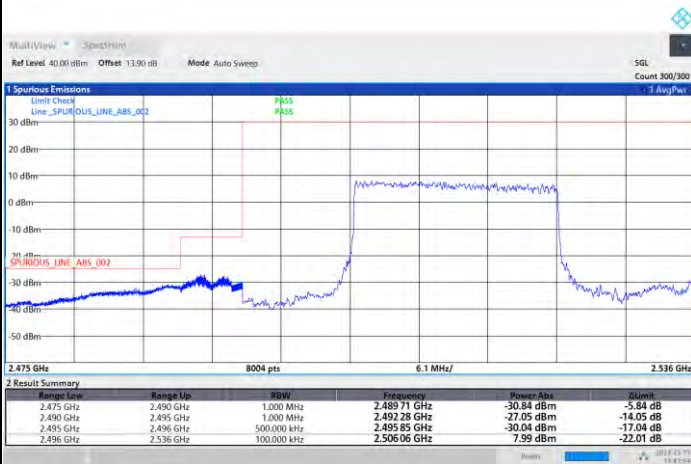




FR1 n41 / 40MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

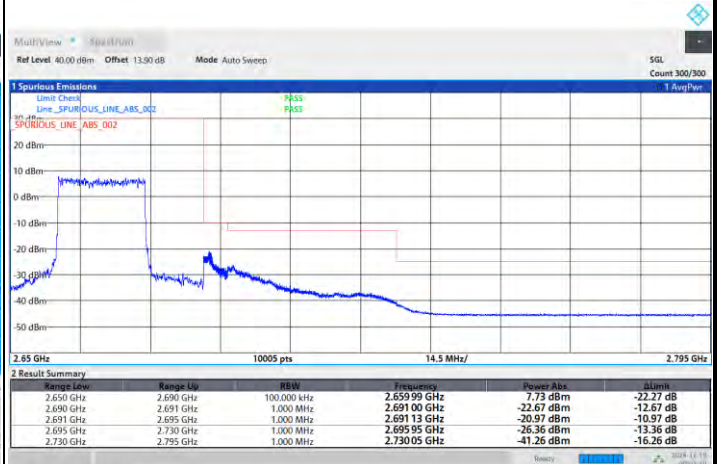
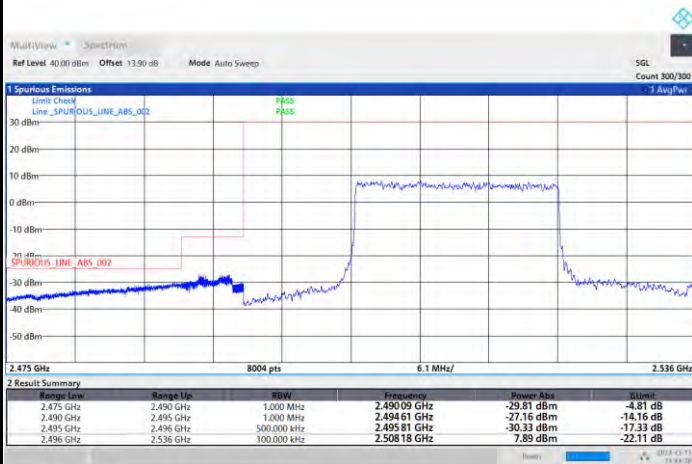




FR1 n41 / 40MHz / DFT-S OFDM / QPSK

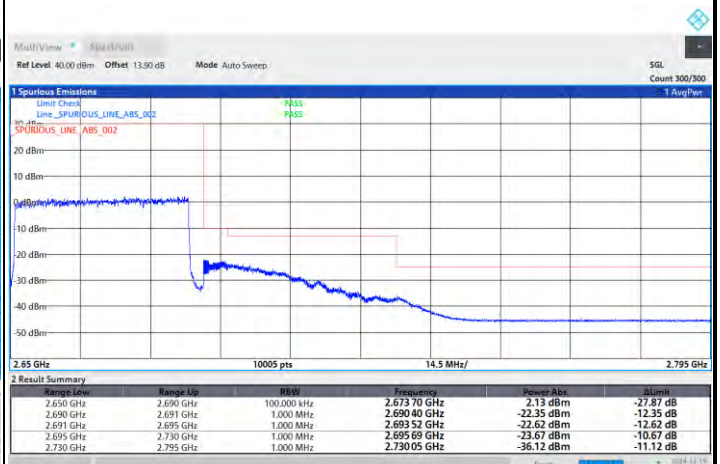
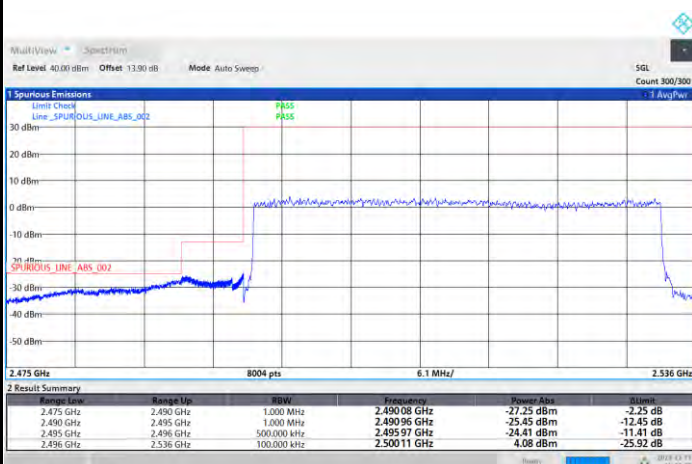
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

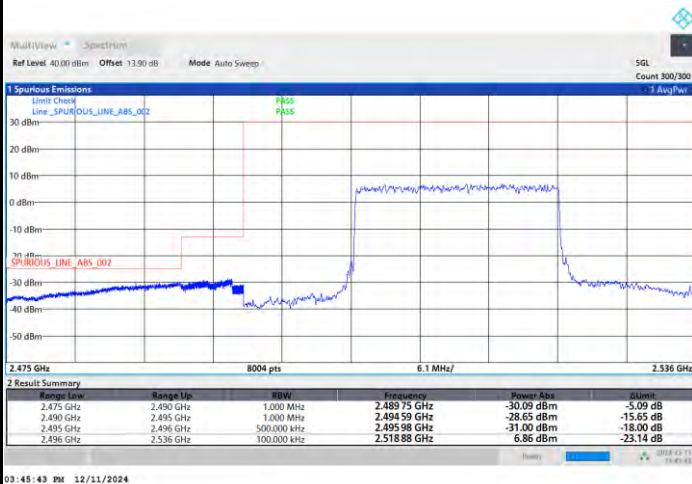




FR1 n41 / 40MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

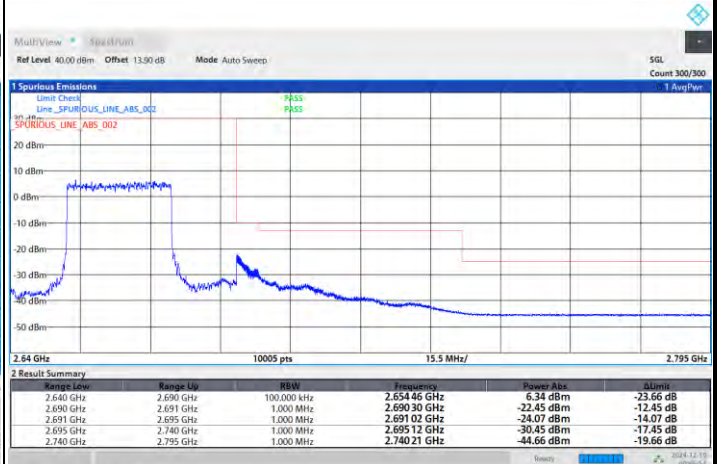
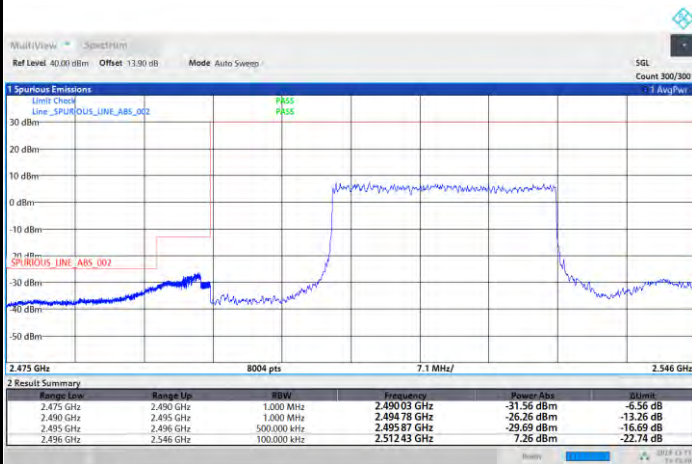




FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



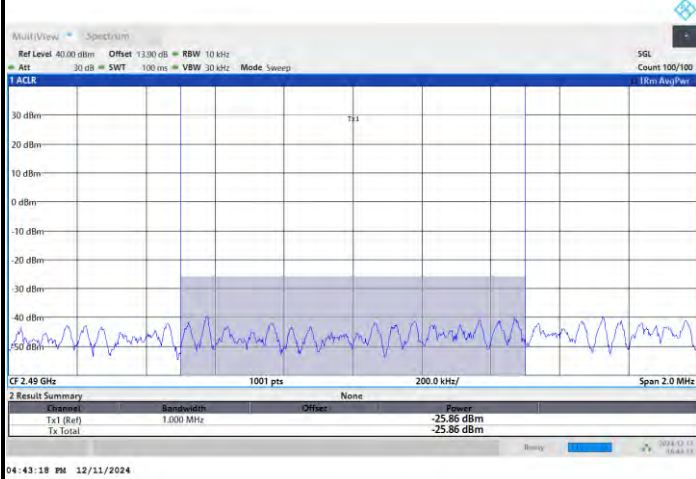
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





Lowest Channel Outter Full RB
Channel power -25dBm > -25.86dBm (PASS)

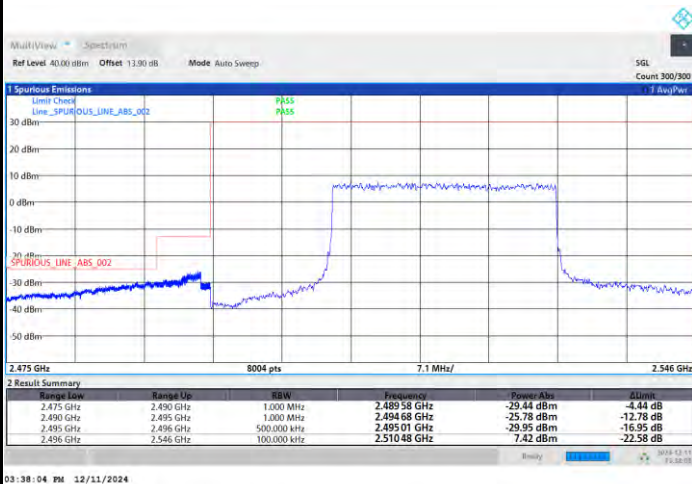




FR1 n41 / 50MHz / DFT-S OFDM / QPSK

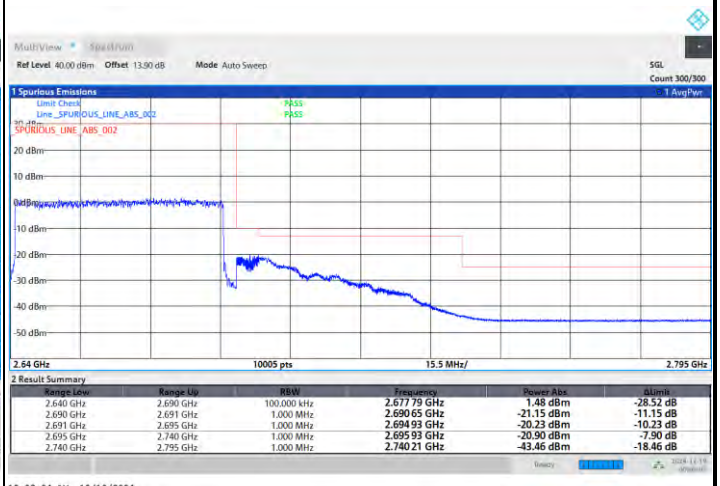
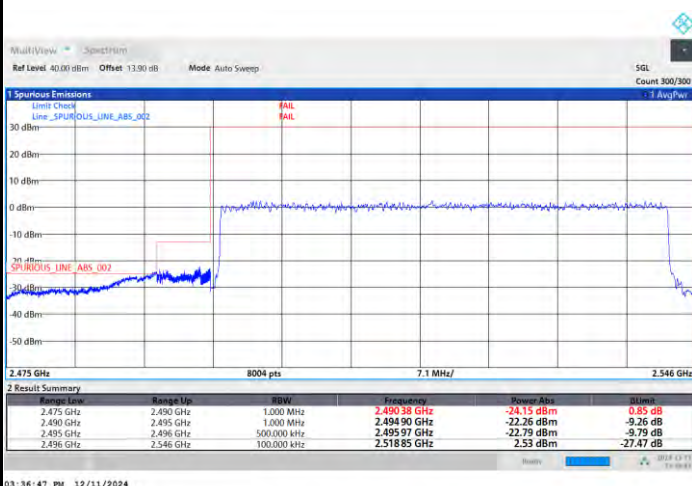
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

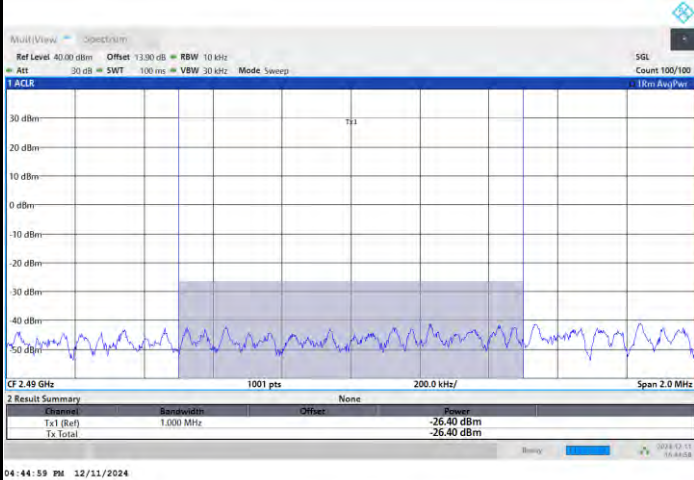
Highest Band Edge / Outer Full RB





Lowest Channel Outter Full RB

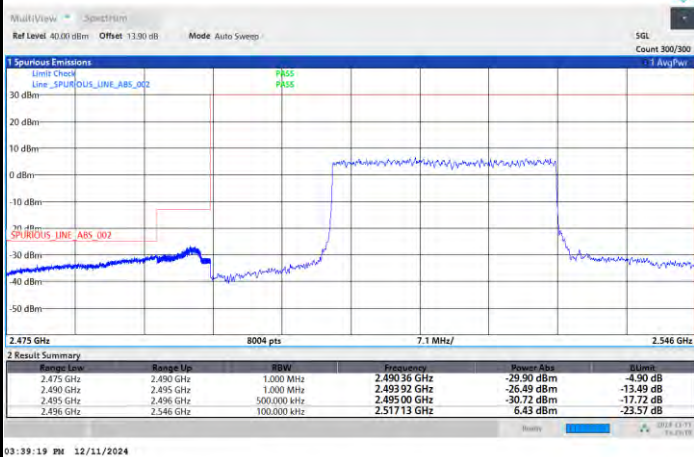
Channel power -25dBm > -26.40dBm (PASS)



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

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

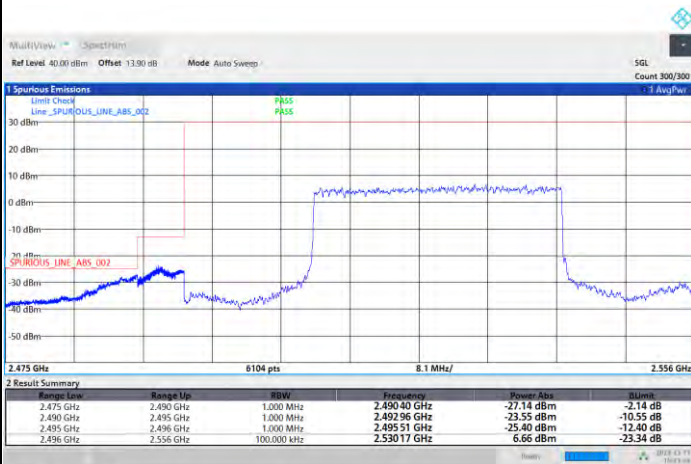




FR1 n41 / 60MHz / DFT-S OFDM / PI/2 BPSK

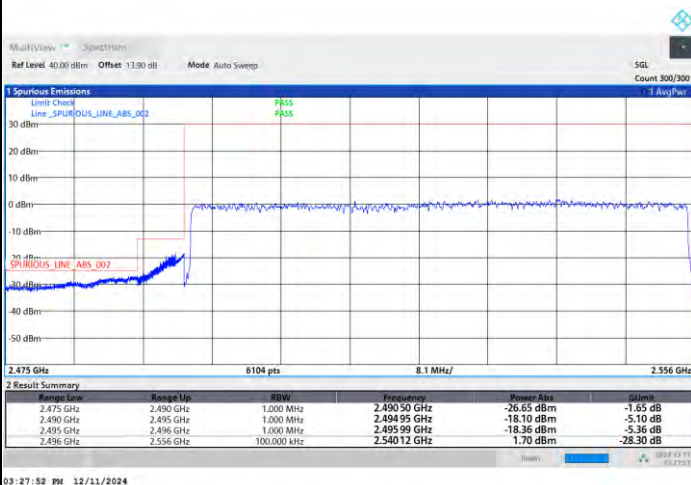
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB

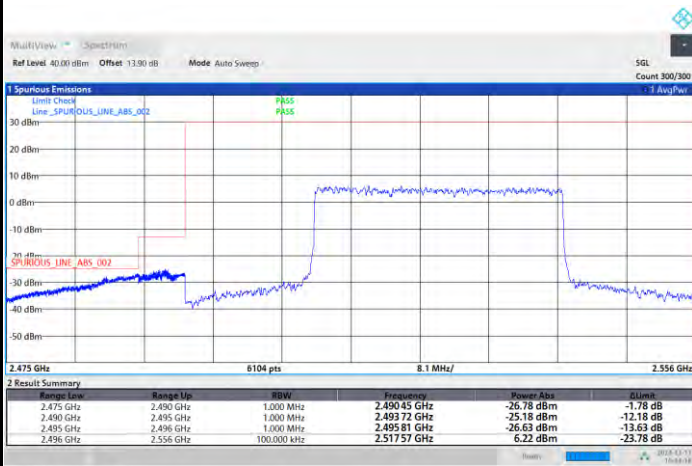




FR1 n41 / 60MHz / DFT-S OFDM / QPSK

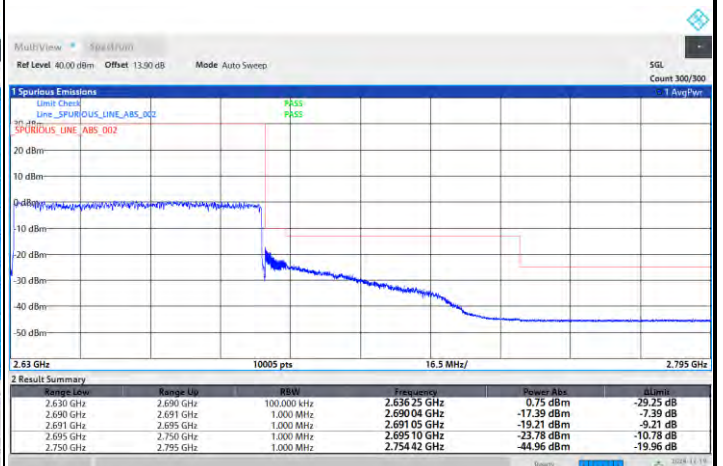
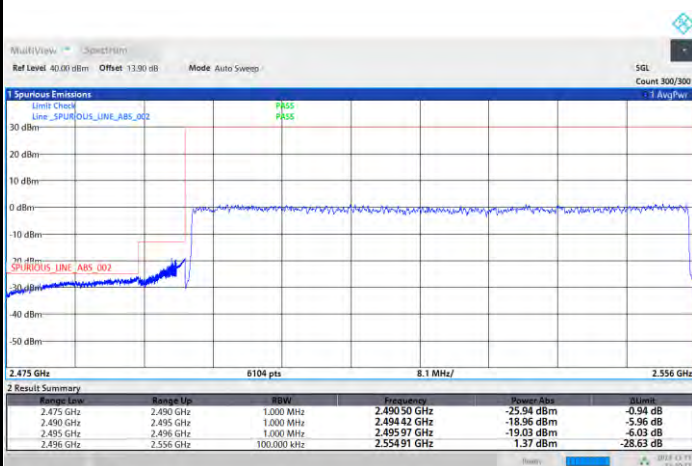
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Band Edge / Outer Full RB

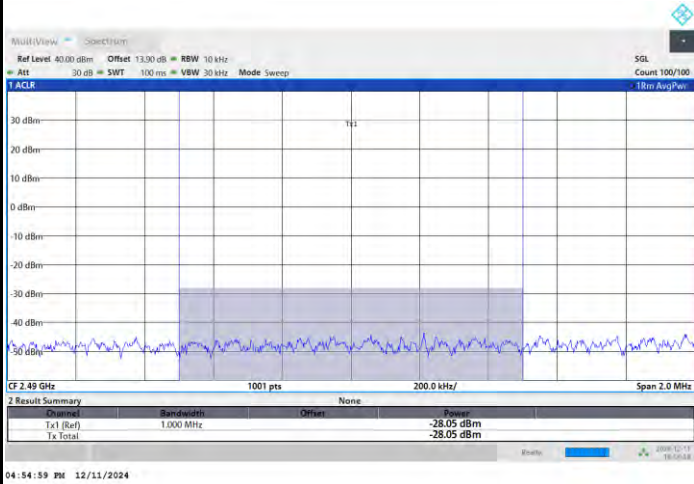
Highest Band Edge / Outer Full RB





Lowest Channel Outter Full RB

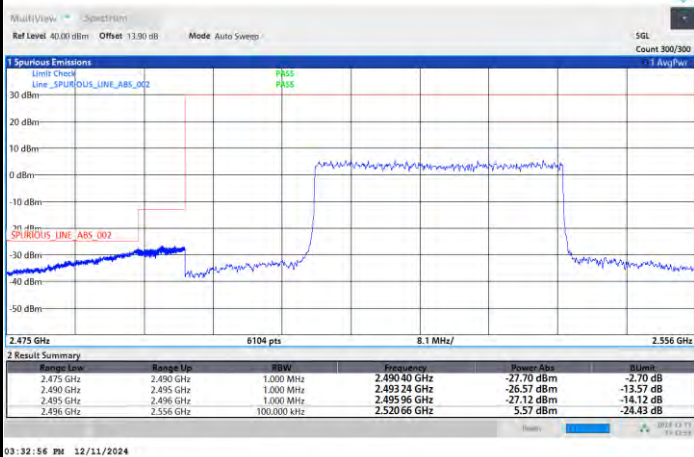
Channel power -25dBm > -28.05dBm (PASS)



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

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

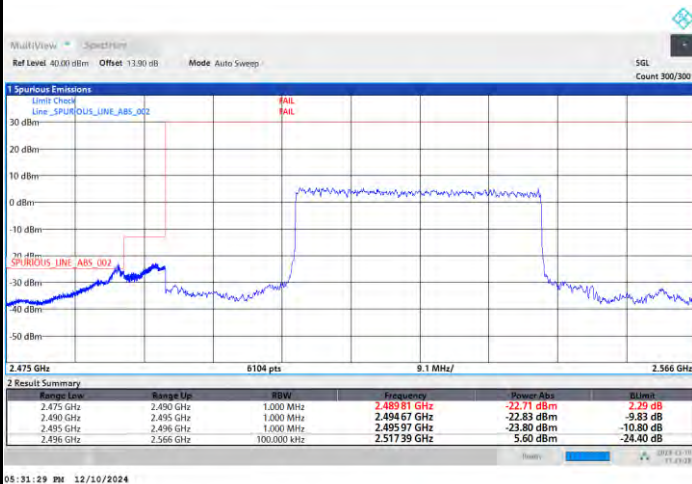




FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



05:31:29 PM 12/10/2024



12:18:41 AM 12/19/2024

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

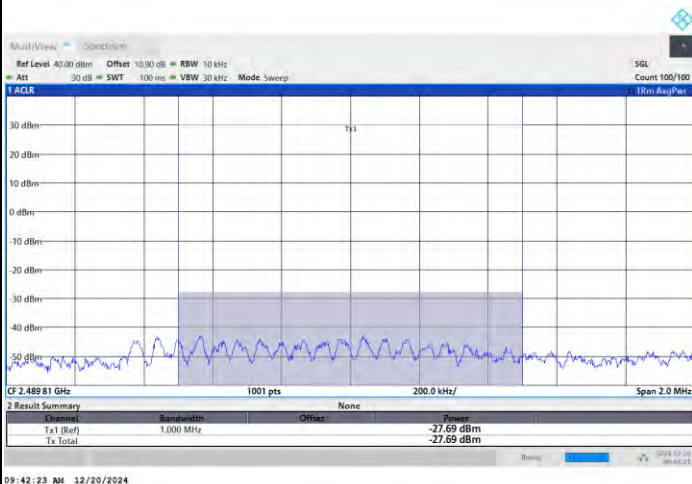
Lowest Band Edge / Inner Full RB / TX0

Lowest Band Edge / Inner Full RB / TX1

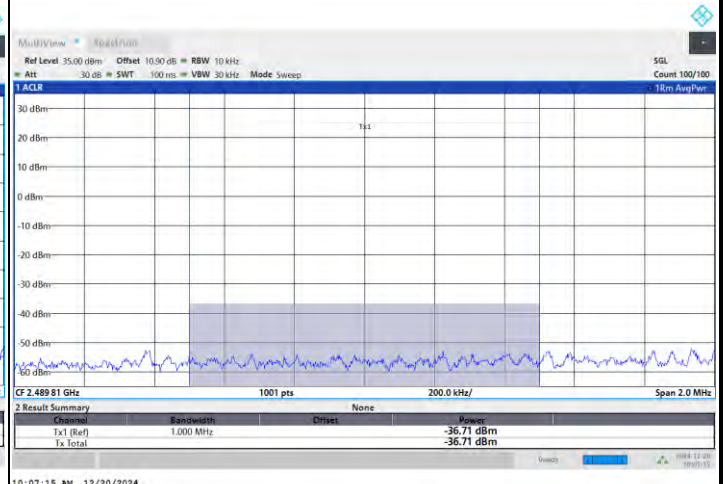
Channel power -27.69dBm/MHz

Channel power -36.71dBm/MHz

Comined Channel Power result -27.18dBm/MHz against limit -25dBm/MHz (Pass)



09:42:23 AM 12/20/2024



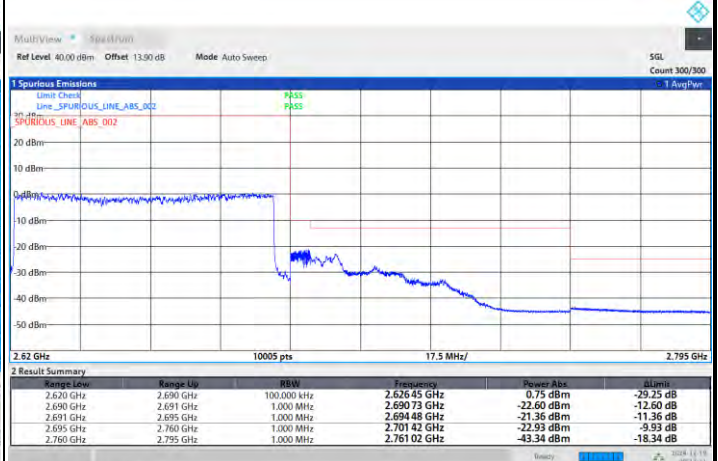
10:07:15 AM 12/20/2024



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

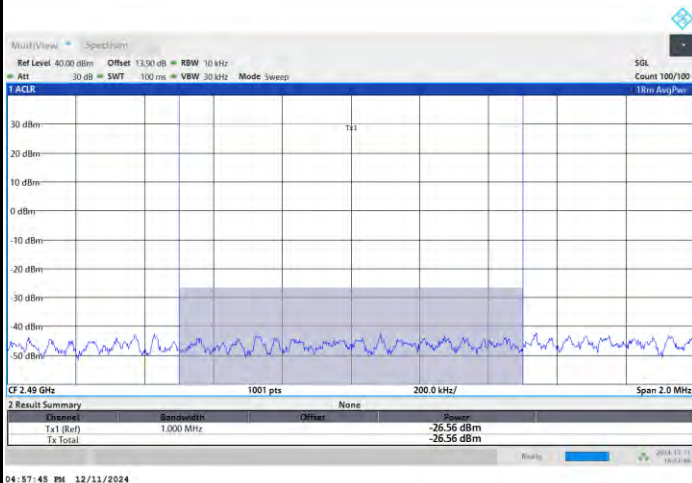
Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Lowest Channel Outter Full RB

Channel power -25dBm > -26.56dBm (PASS)

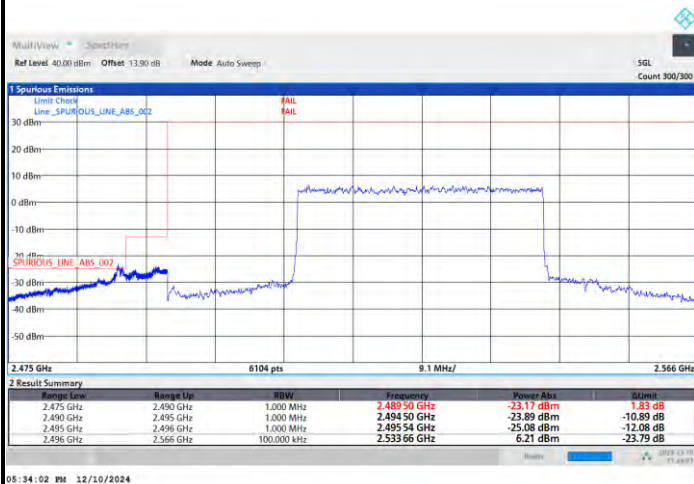




FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



05:34:02 PM 12/10/2024



12:21:00 AM 12/19/2024

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

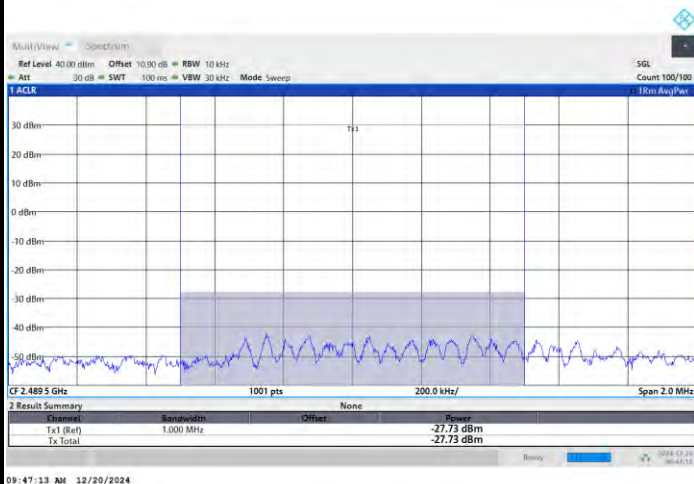
Lowest Band Edge / Inner Full RB / TX0

Lowest Band Edge / Inner Full RB / TX1

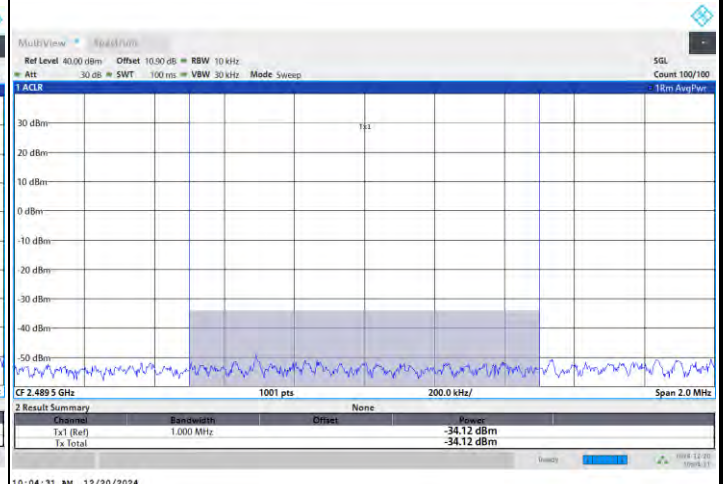
Channel power -27.73dBm/MHz

Channel power -34.12dBm/MHz

Comined Channel Power result -26.83dBm/MHz against limit -25dBm/MHz (Pass)



09:47:13 AM 12/20/2024



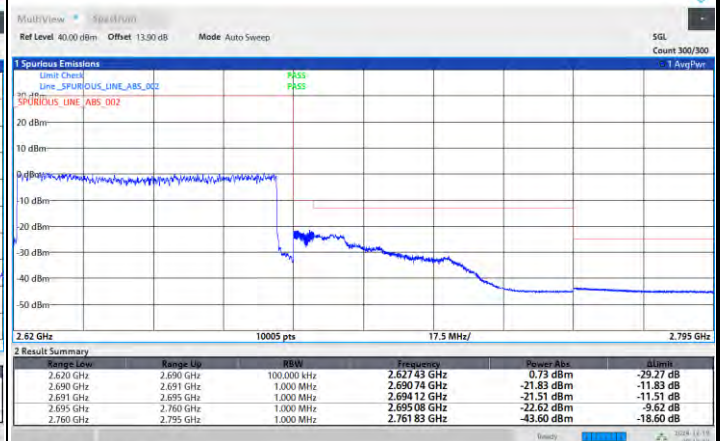
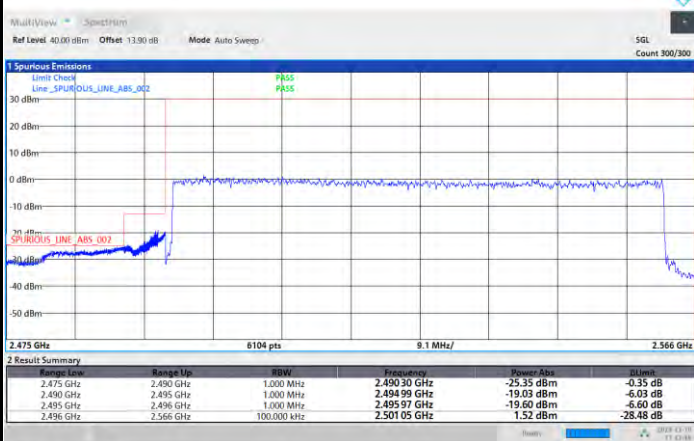
10:04:31 AM 12/20/2024



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

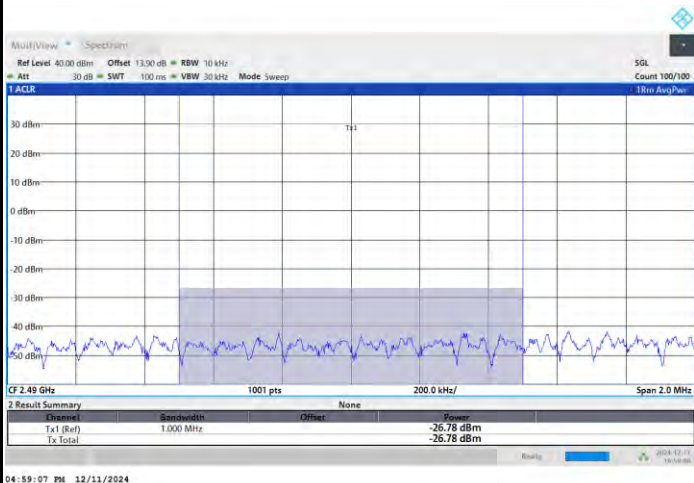
Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Lowest Channel Outter Full RB

Channel power -25dBm > -26.78dBm (PASS)

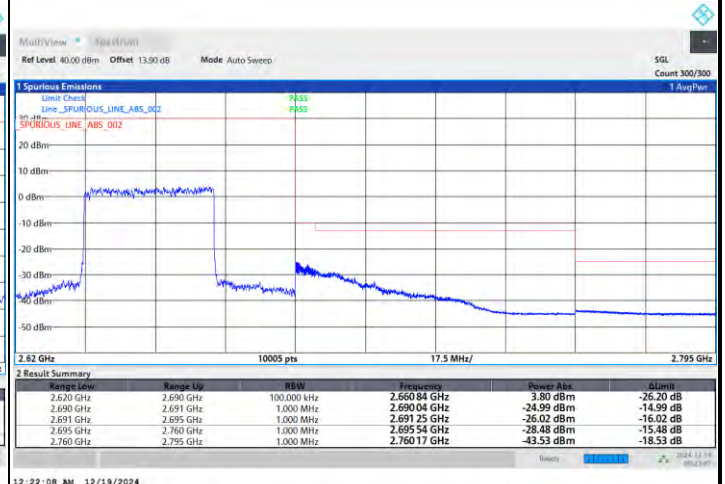
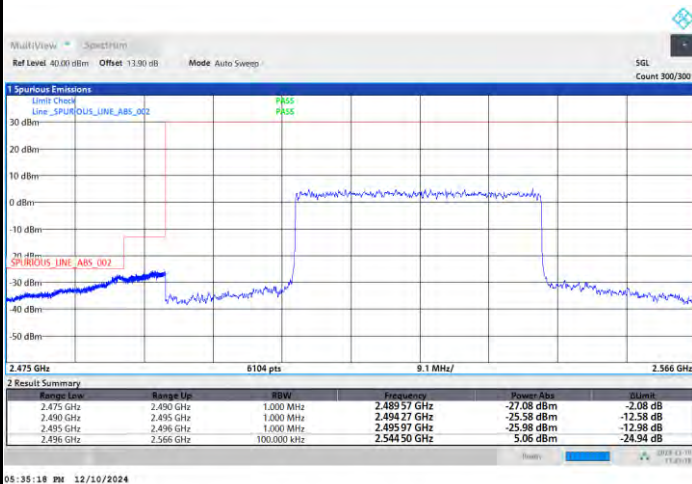




FR1 n41 / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

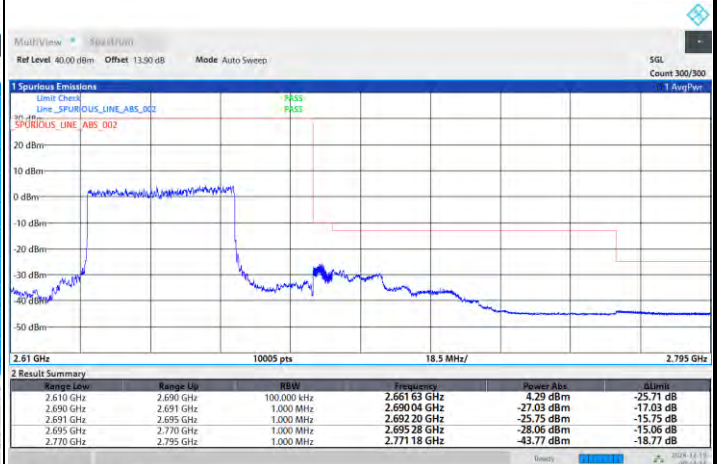
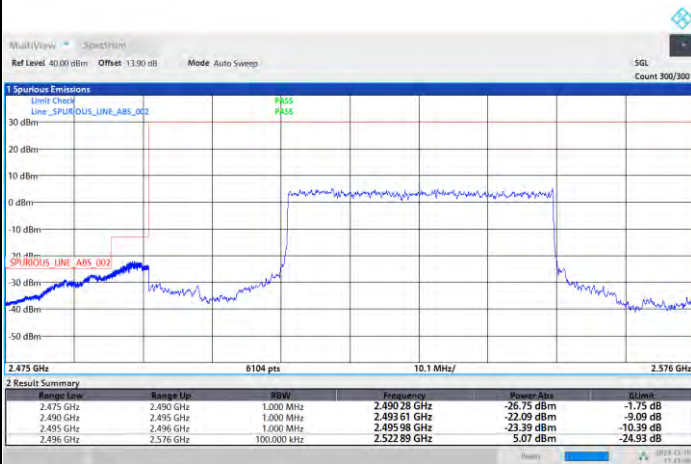




FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

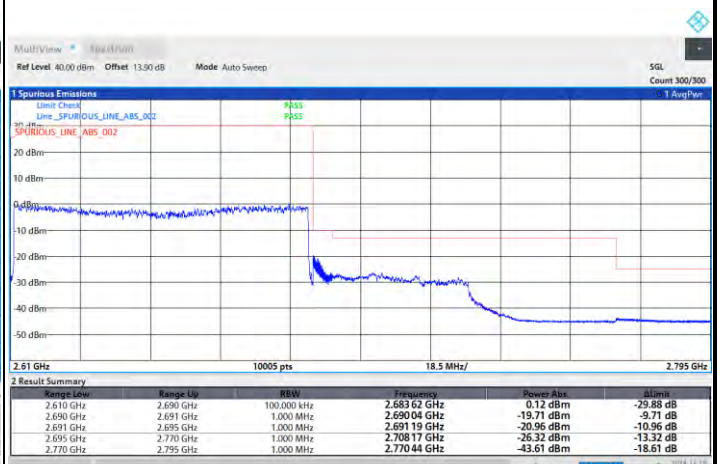
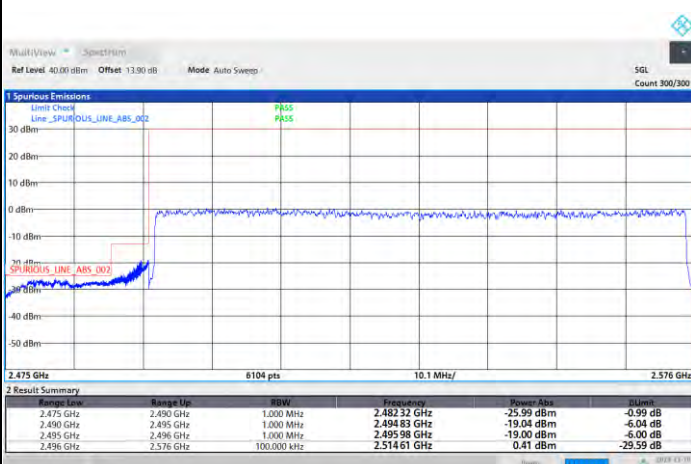
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



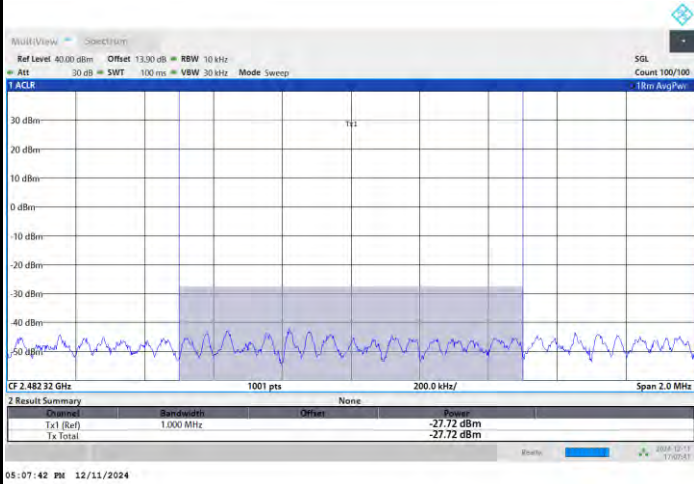
Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB





Lowest Channel Outter Full RB
Channel power -25dBm > -27.72dBm (PASS)

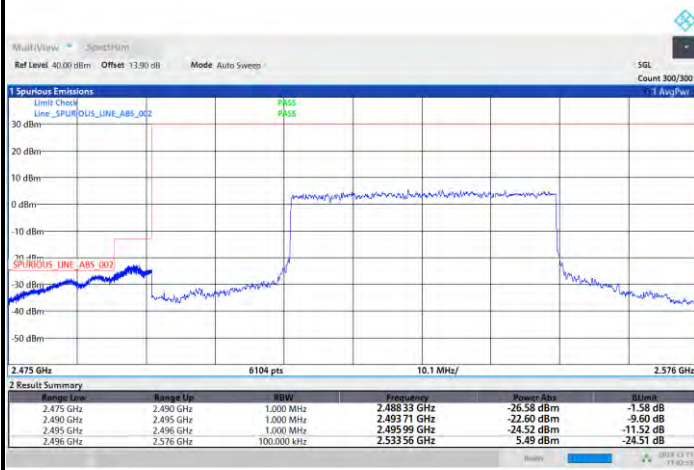




FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



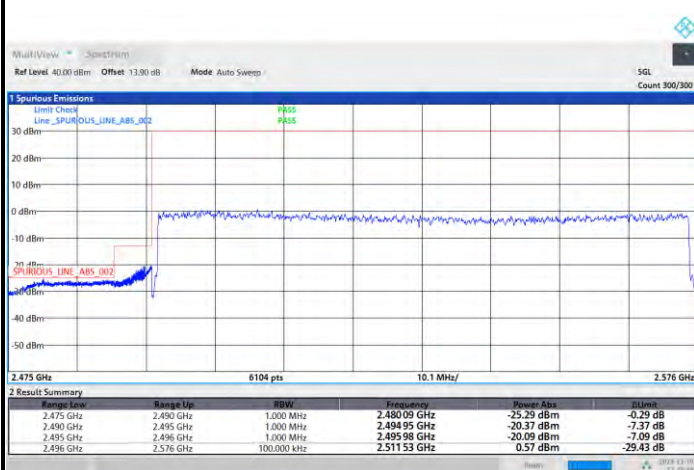
05:02:56 PM 12/11/2024



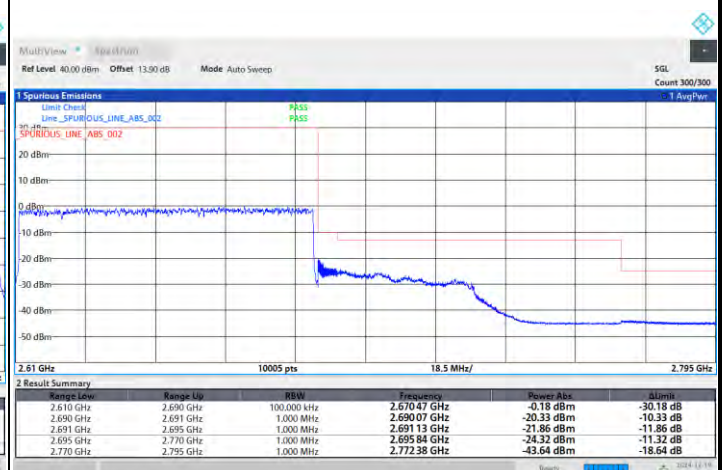
12:26:53 AM 12/19/2024

Lowest Band Edge / Outer Full RB

Highest Band Edge / Outer Full RB



05:26:20 PM 12/10/2024

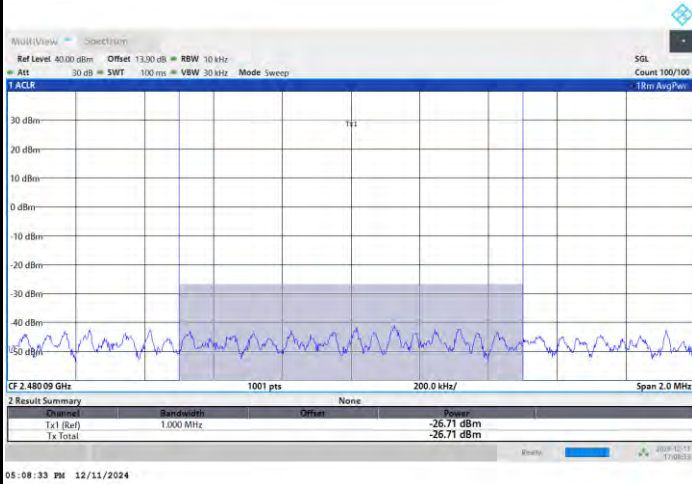


12:25:43 AM 12/19/2024



Lowest Channel Outter Full RB

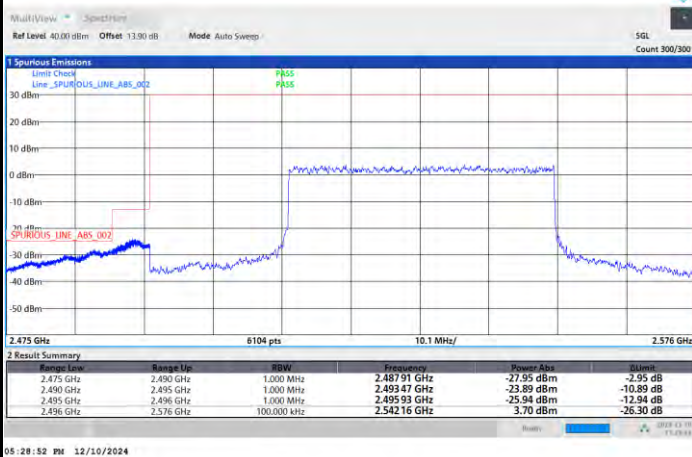
Channel power -25dBm > -26.71dBm (PASS)



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

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

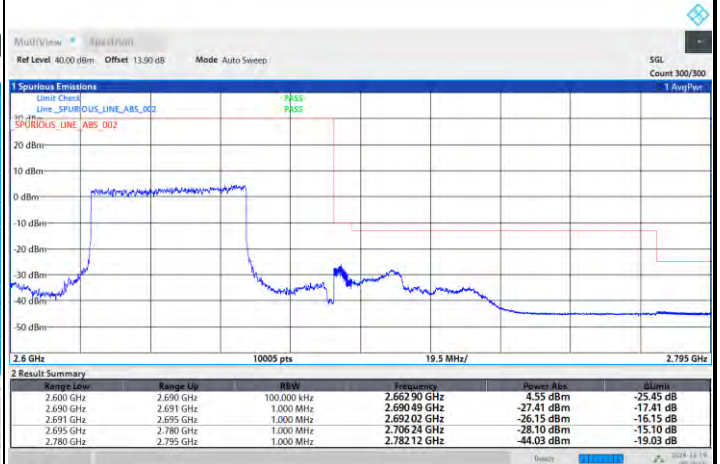




FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

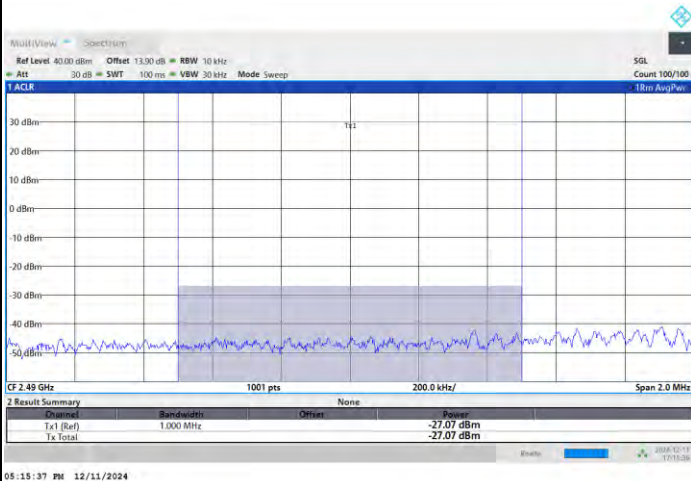
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

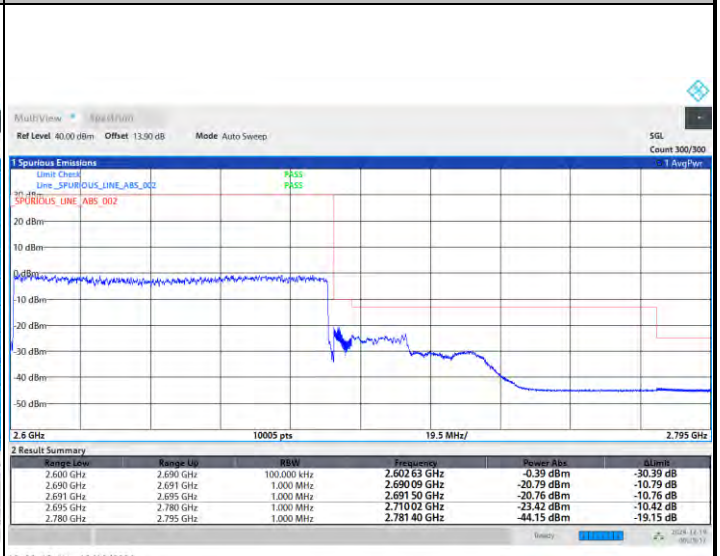
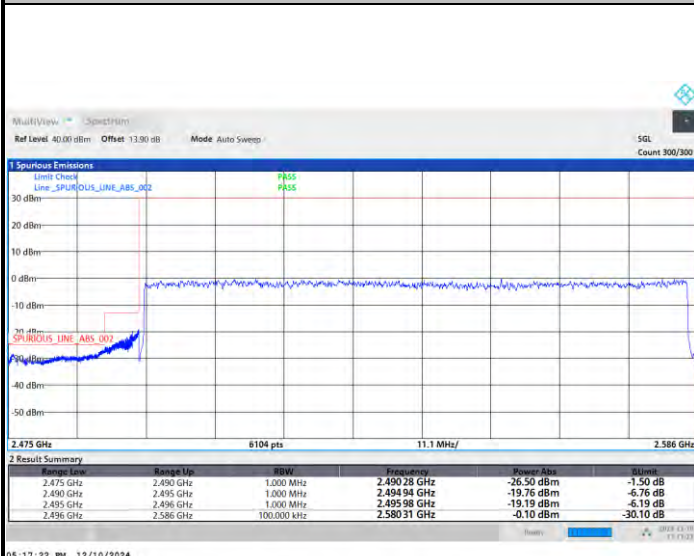
Channel power -25dBm > -27.07dBm (PASS)





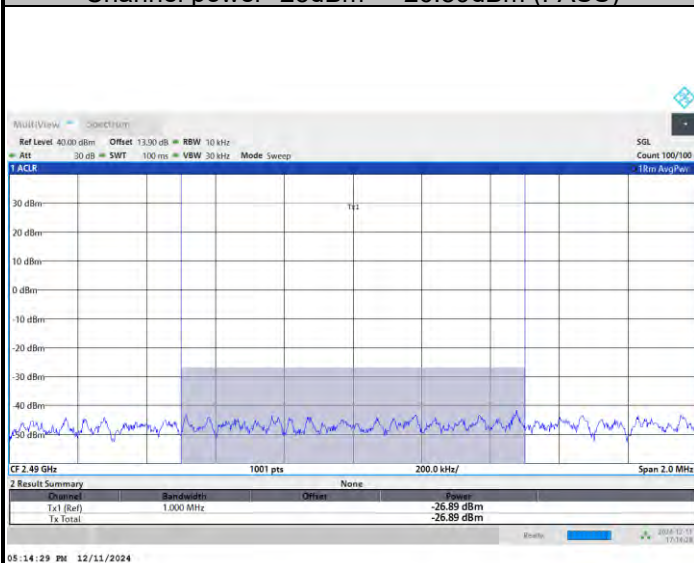
Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Lowest Channel Outter Full RB

Channel power -25dBm > -26.89dBm (PASS)

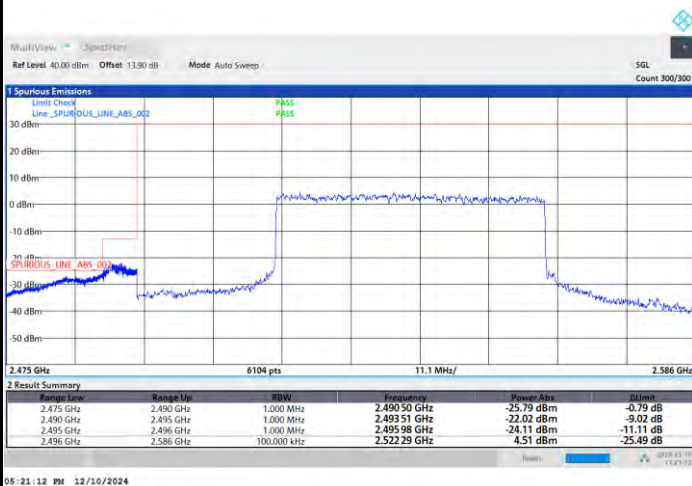




Report No. : FG4N0919C

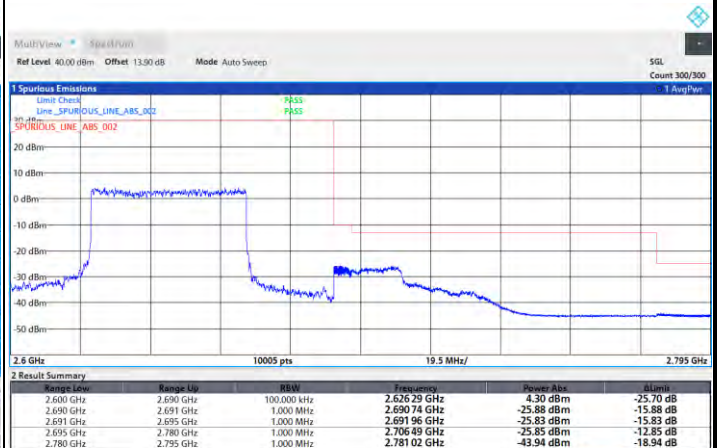
FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB



05:21:12 PM 12/10/2024

Highest Band Edge / Inner Full RB



12:32:46 AM 12/19/2024

Lowest Channel Inner Full RB

Channel power -25dBm > -27.01dBm (PASS)

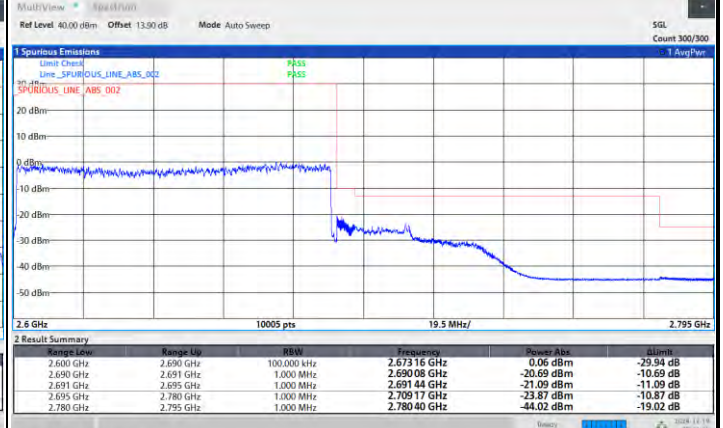


05:12:39 PM 12/11/2024



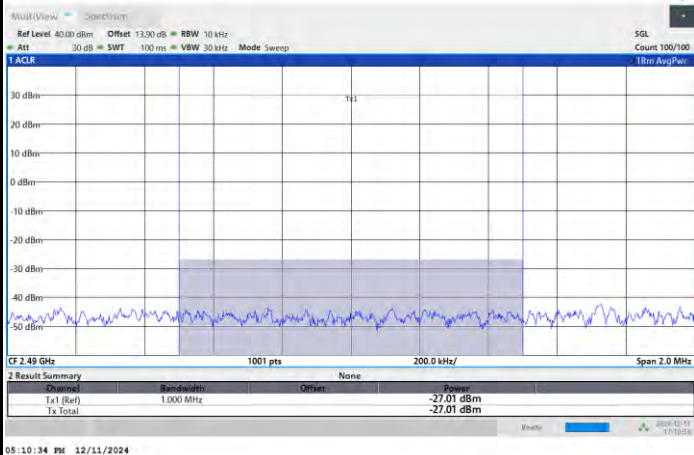
Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Lowest Channel Outter Full RB

Channel power -25dBm > -27.01dBm (PASS)

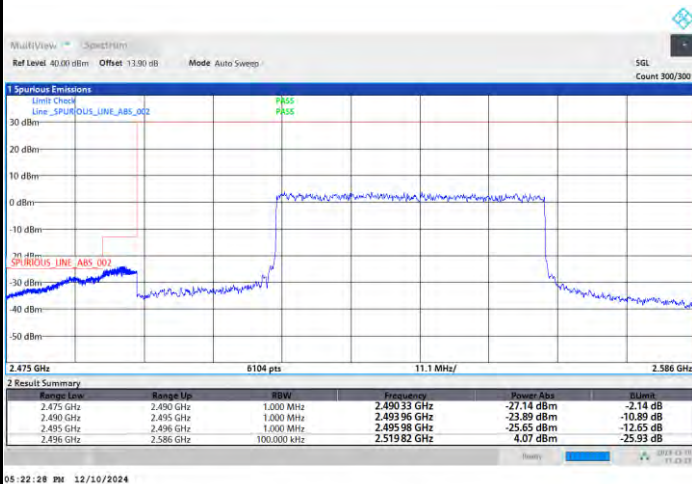




FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB

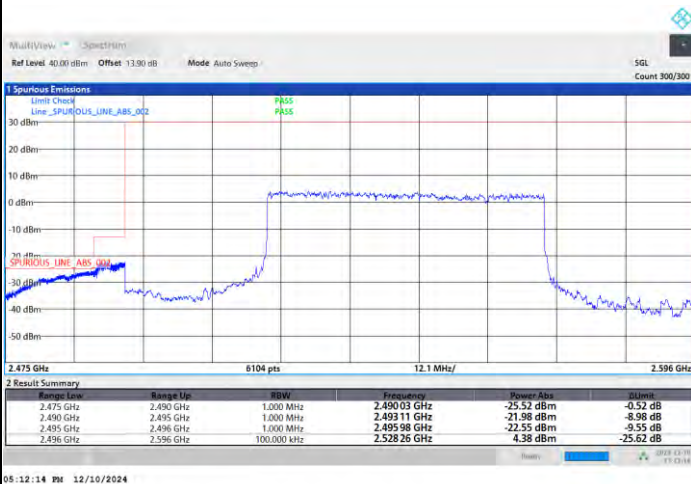




FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

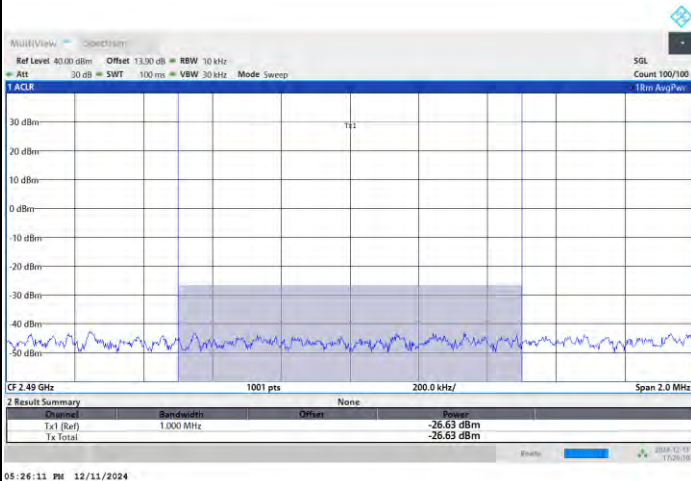
Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

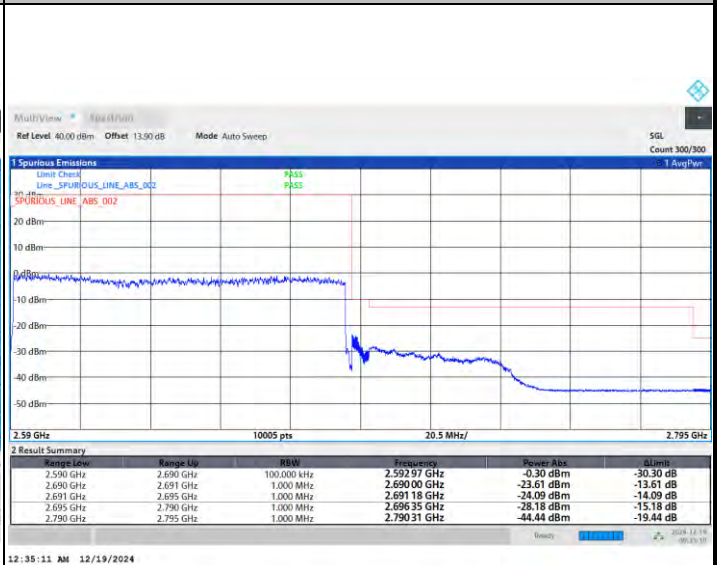
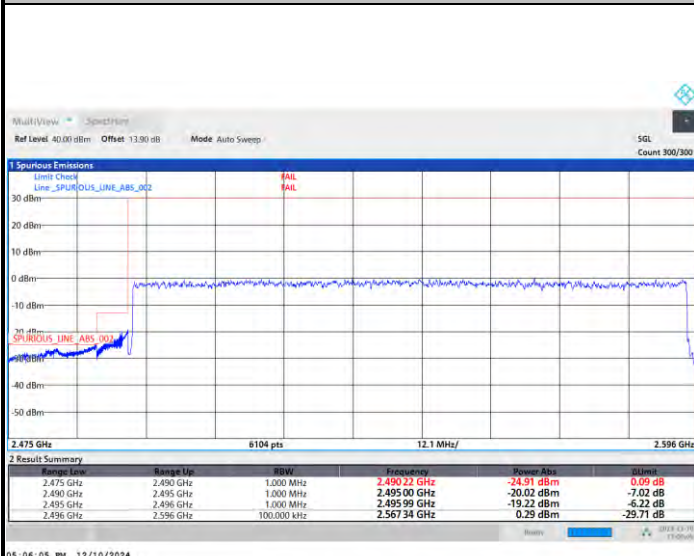
Channel power -25dBm > -26.63dBm (PASS)





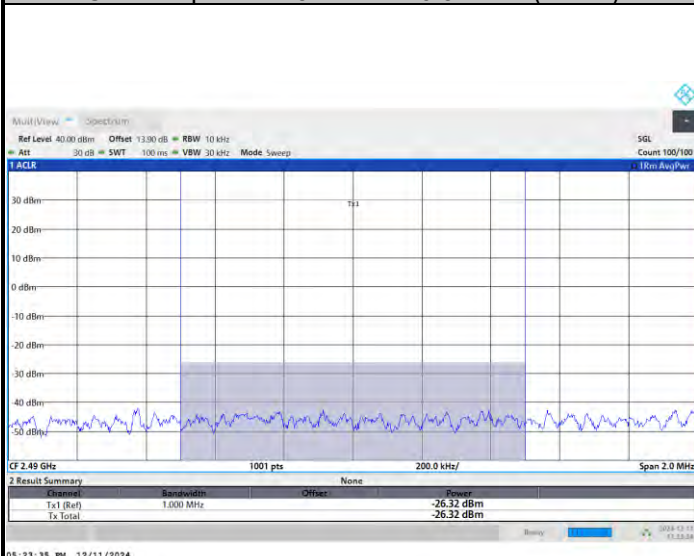
Lowest Band Edge / Outter Full RB

Highest Band Edge / Outter Full RB



Lowest Channel Outter Full RB

Channel power -25dBm > -26.32dBm (PASS)

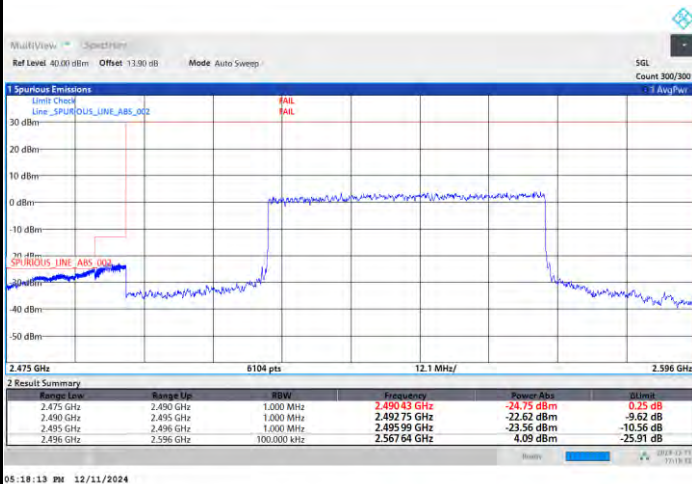




FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Inner Full RB

Highest Band Edge / Inner Full RB



Lowest Channel Inner Full RB

Channel power -25dBm > -26.56dBm (PASS)

