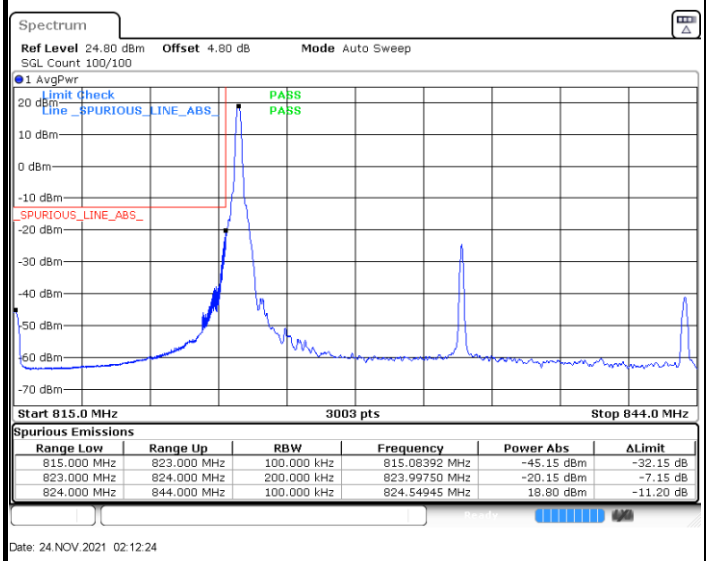
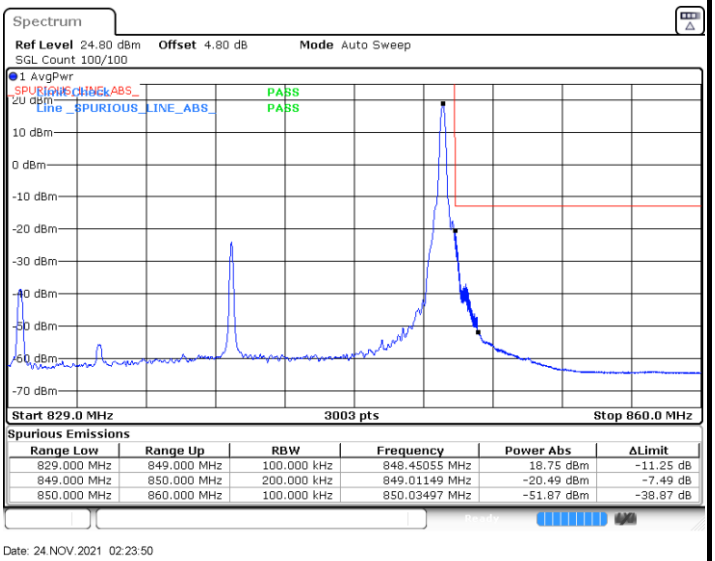
FR1 n5 / 20MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0



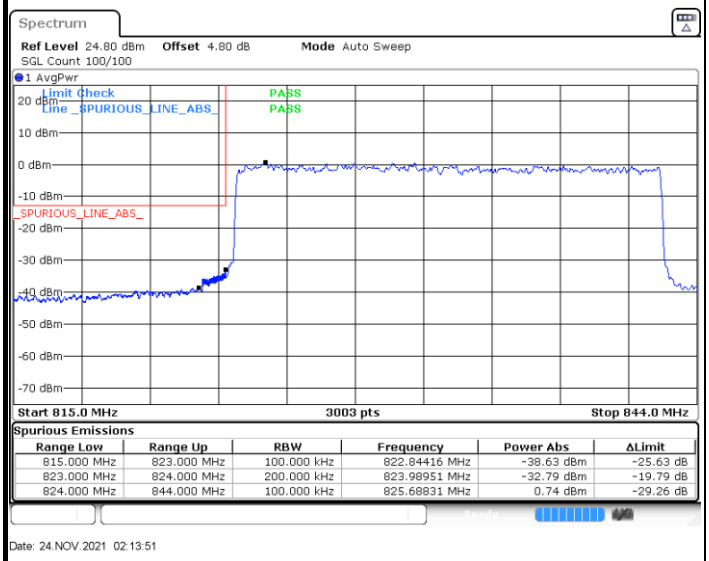
Date: 24.NOV.2021 02:12:24

Highest Band Edge / 1RBMAX



Date: 24.NOV.2021 02:23:50

Lowest Band Edge / Full RB



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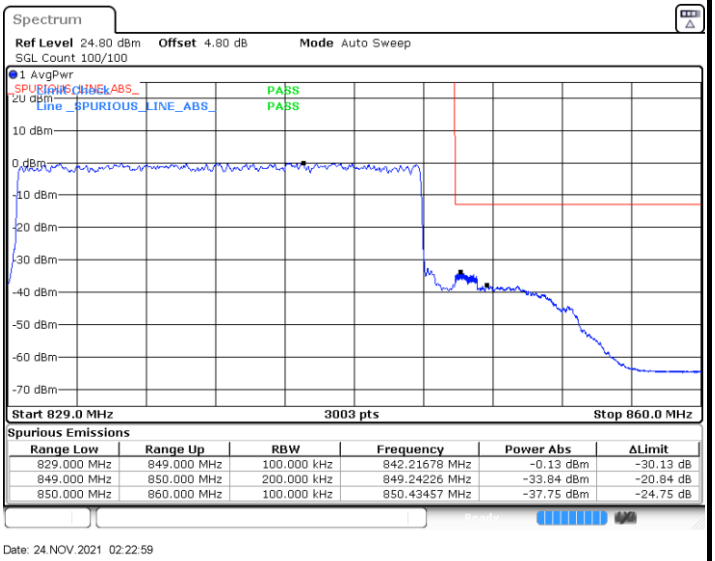
Highest Band Edge / Full RB

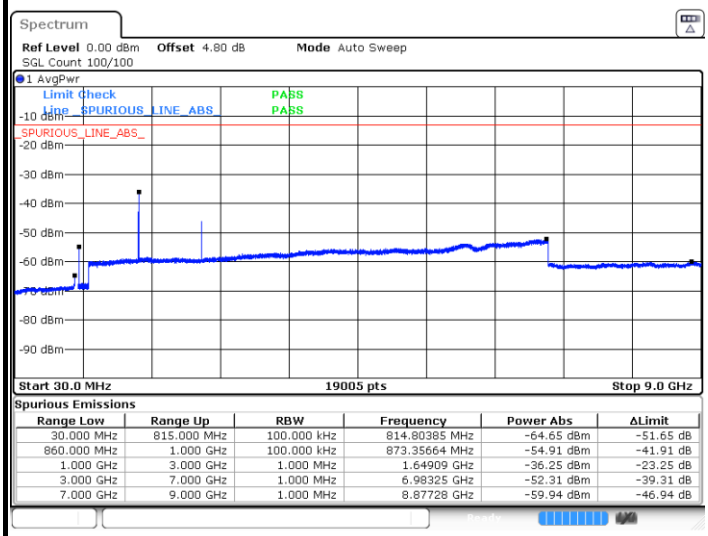


Date: 24.NOV.2021 02:22:59

Conducted Spurious Emission

FR1 n5 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

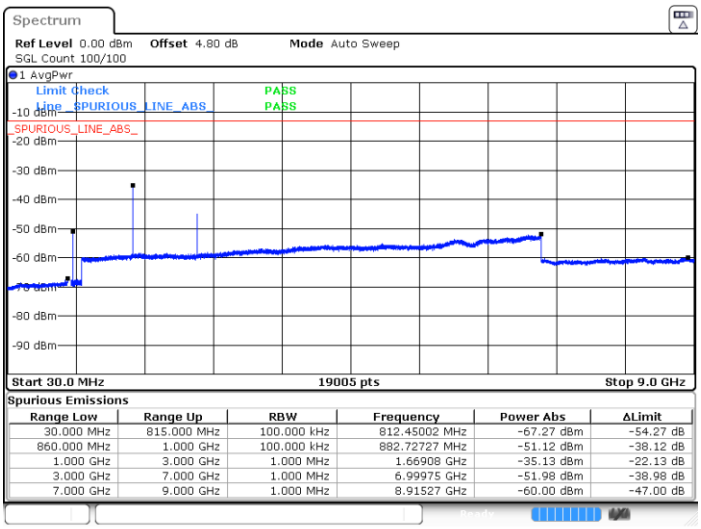


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-64.65 dBm	-51.65 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.35664 MHz	-54.91 dBm	-41.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-36.25 dBm	-23.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-52.31 dBm	-39.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87728 GHz	-59.94 dBm	-46.94 dB

Date: 24.NOV.2021 03:59:25

Middle Channel / 1RB1

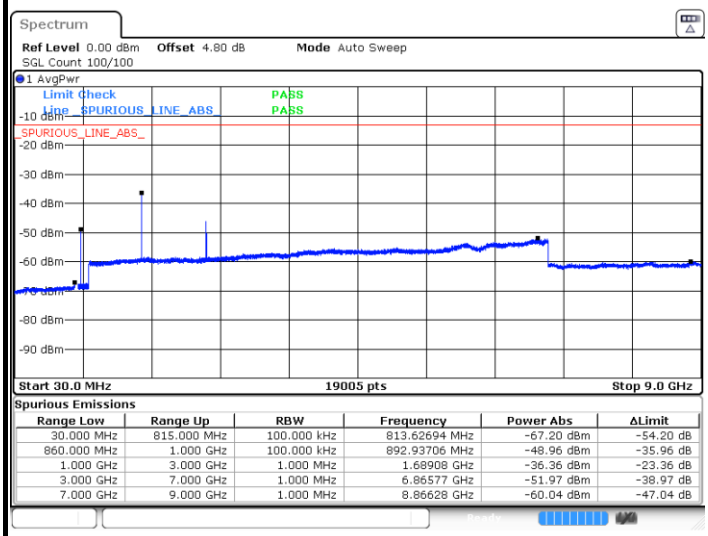


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-67.27 dBm	-54.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.72727 MHz	-51.12 dBm	-38.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-35.13 dBm	-22.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-51.98 dBm	-38.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91527 GHz	-60.00 dBm	-47.00 dB

Date: 24.NOV.2021 04:05:10

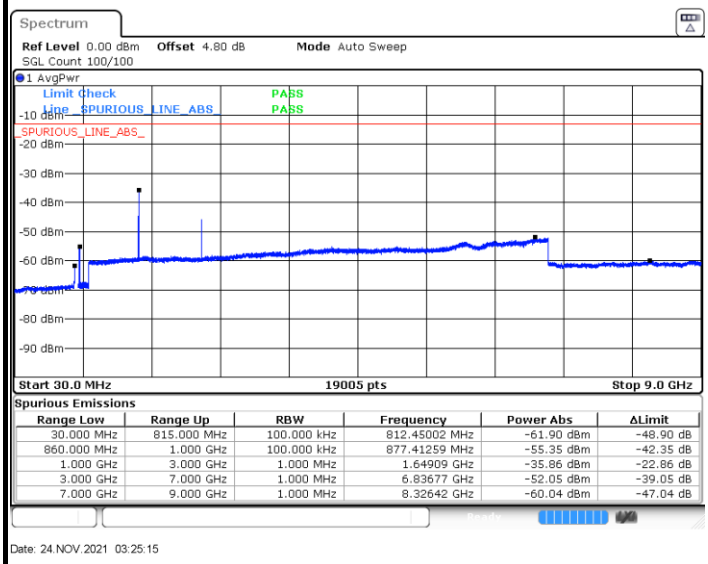
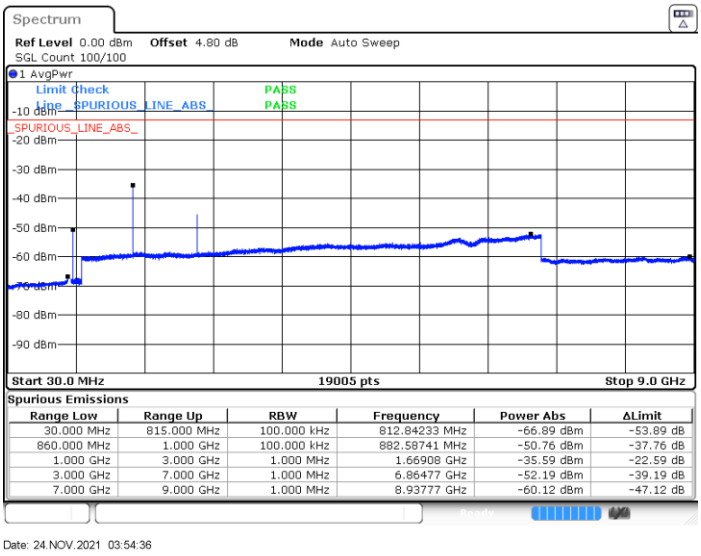
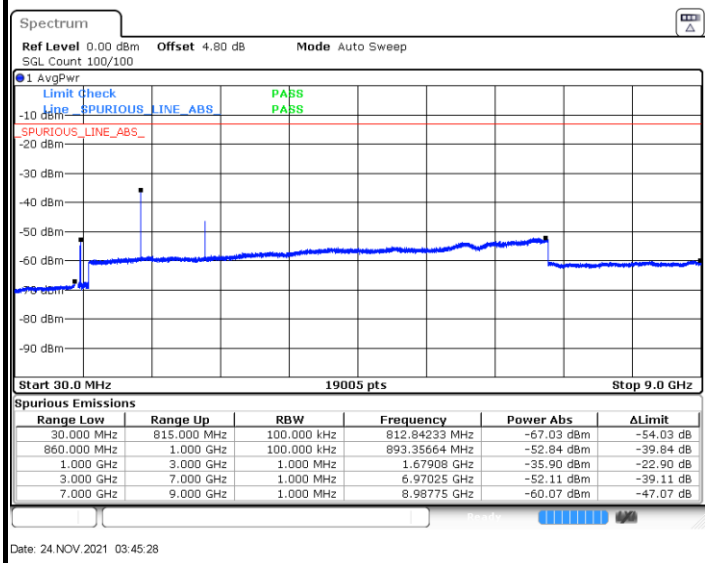
Highest Channel / 1RB1

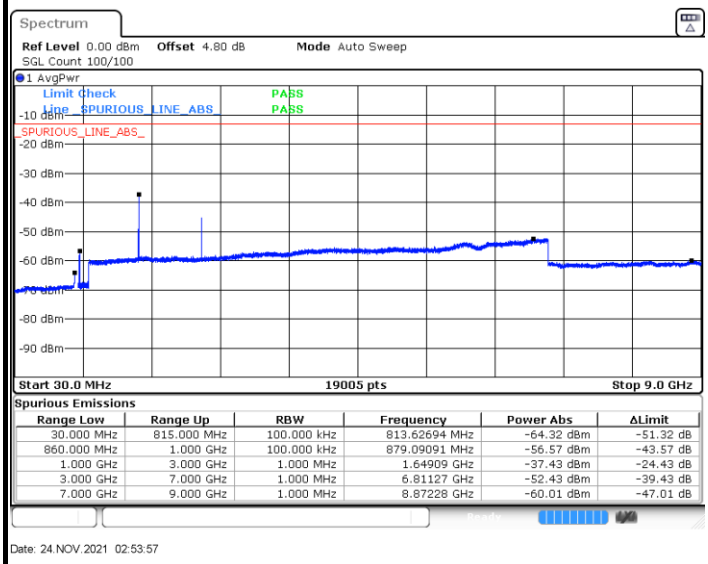
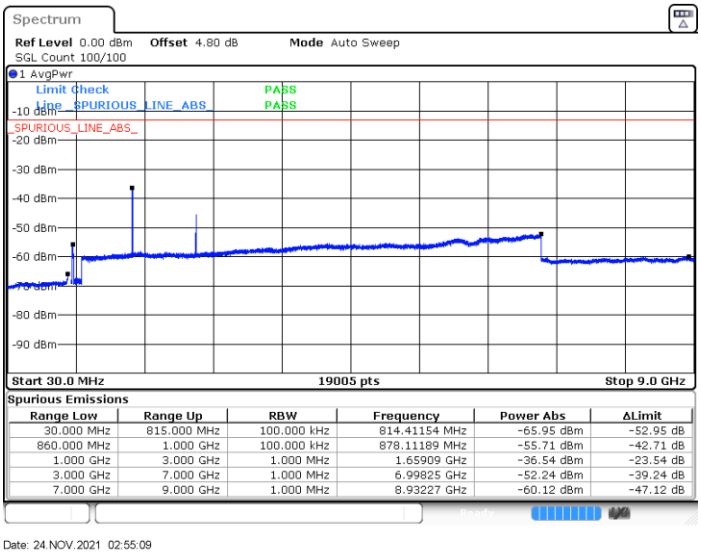
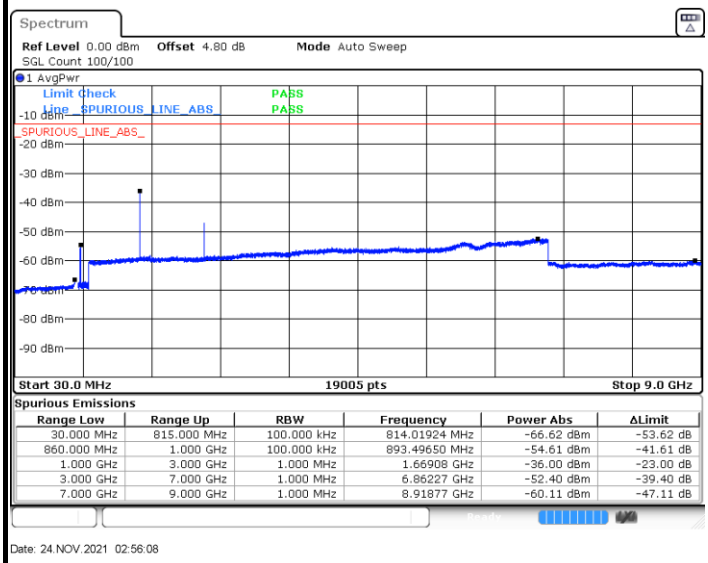


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-67.20 dBm	-54.20 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.93706 MHz	-48.96 dBm	-35.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-36.36 dBm	-23.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86577 GHz	-51.97 dBm	-38.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.86628 GHz	-60.04 dBm	-47.04 dB

Date: 24.NOV.2021 04:07:03

FR1 n5/ 10MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n5 / 15MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Date: 24.NOV.2021 02:53:57	Date: 24.NOV.2021 02:55:09
Highest Channel / 1RB1	
	
Date: 24.NOV.2021 02:56:08	

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-64.32 dBm	-51.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.09091 MHz	-56.57 dBm	-43.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-37.43 dBm	-24.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.81127 GHz	-52.43 dBm	-39.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87228 GHz	-60.01 dBm	-47.01 dB

Spurious Emissions

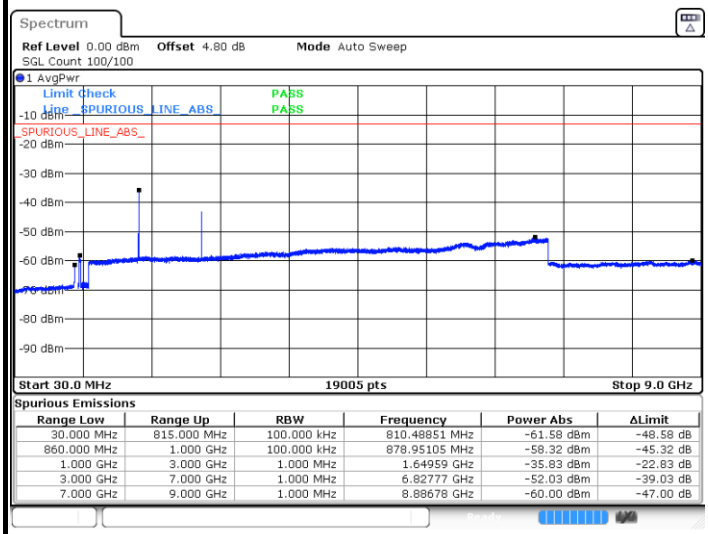
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-65.95 dBm	-52.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.11189 MHz	-55.71 dBm	-42.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65909 GHz	-36.54 dBm	-23.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-52.24 dBm	-39.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93227 GHz	-60.12 dBm	-47.12 dB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-66.62 dBm	-53.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.49650 MHz	-54.61 dBm	-41.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-36.00 dBm	-23.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86227 GHz	-52.40 dBm	-39.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91877 GHz	-60.11 dBm	-47.11 dB

FR1 n5 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

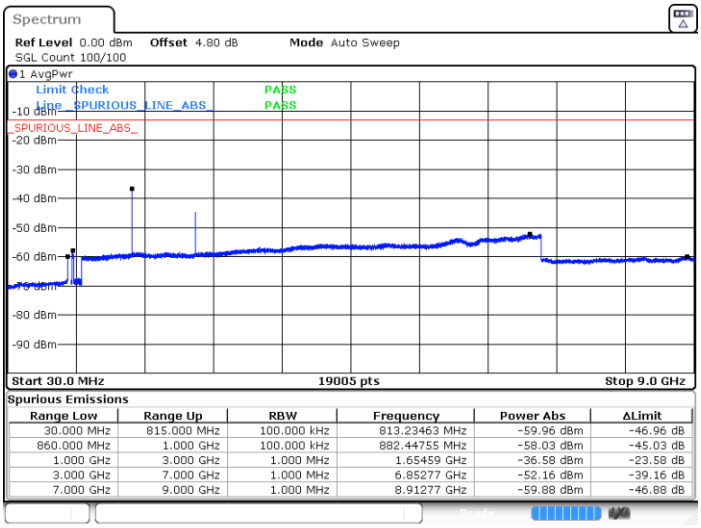


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-61.58 dBm	-48.58 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.95105 MHz	-58.32 dBm	-45.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-35.83 dBm	-22.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.82777 GHz	-52.03 dBm	-39.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88678 GHz	-60.00 dBm	-47.00 dB

Date: 24.NOV.2021 02:32:47

Middle Channel / 1RB1

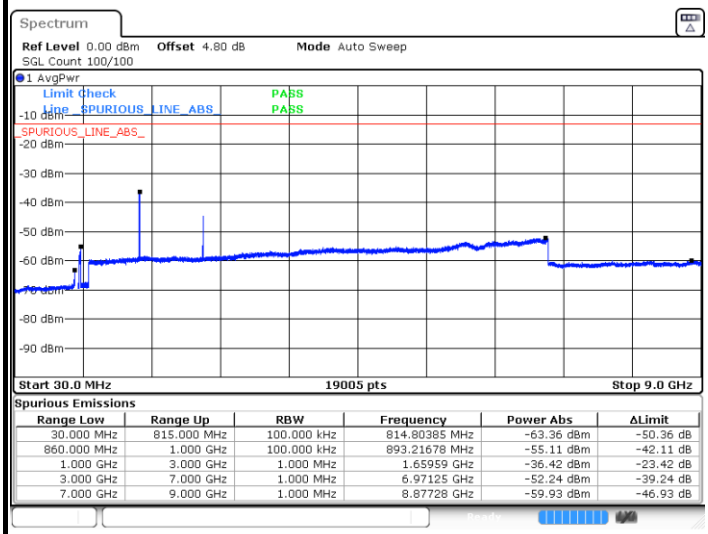


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-59.96 dBm	-46.96 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.44755 MHz	-58.03 dBm	-45.03 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65459 GHz	-36.58 dBm	-23.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85277 GHz	-52.16 dBm	-39.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91277 GHz	-59.88 dBm	-46.88 dB

Date: 24.NOV.2021 02:31:33

Highest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-63.36 dBm	-50.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	893.21678 MHz	-55.11 dBm	-42.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65959 GHz	-36.42 dBm	-23.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97125 GHz	-52.24 dBm	-39.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87728 GHz	-59.93 dBm	-46.93 dB

Date: 24.NOV.2021 02:29:29

Frequency Stability

Test Conditions		FR1 n12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0053	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0072	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0036	
20	Battery End Point	0.0062	

Note:

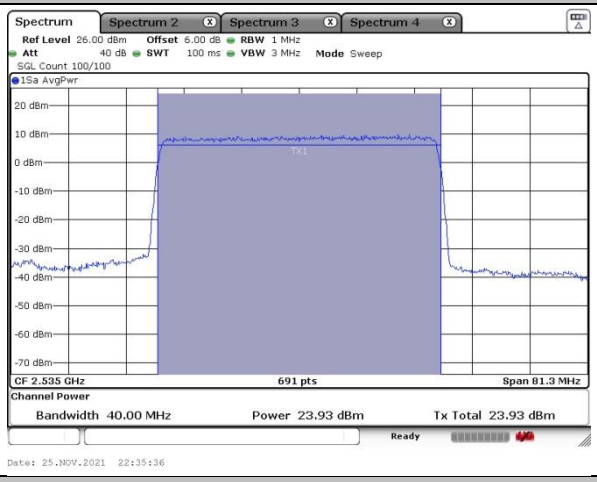
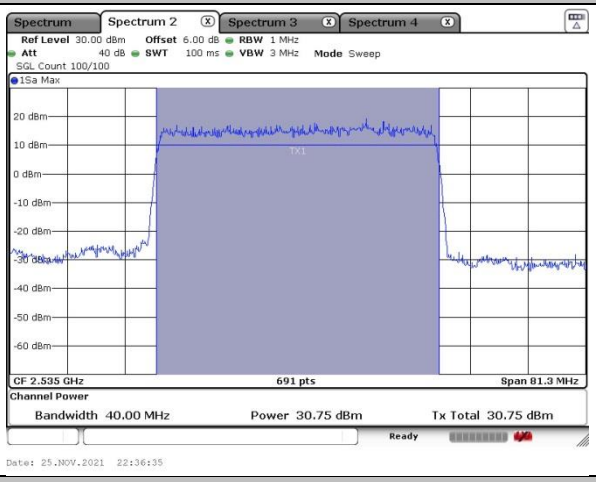
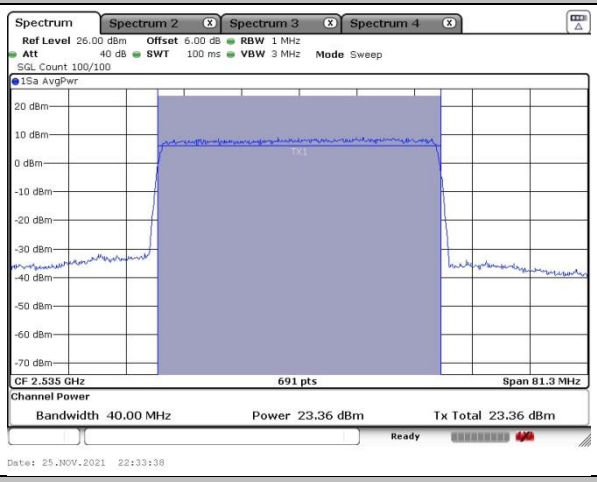
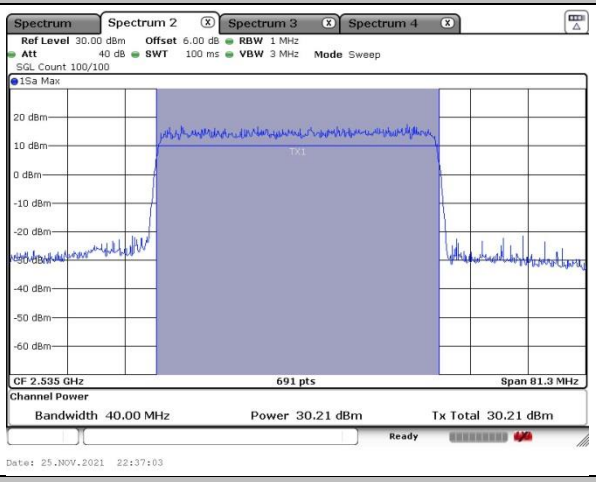
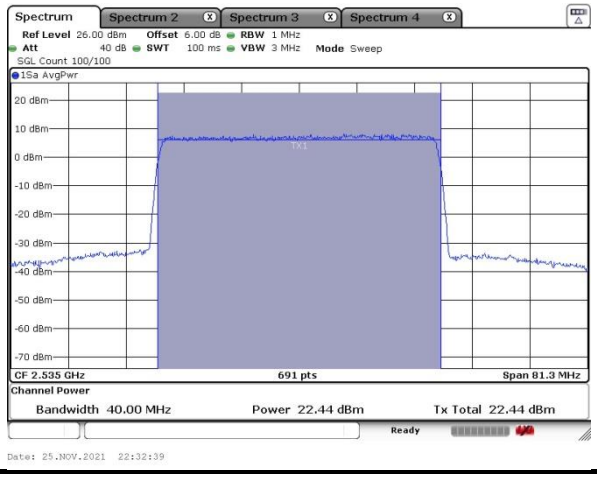
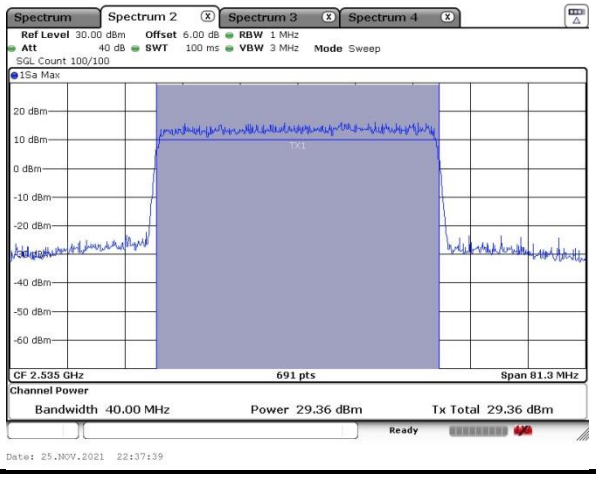
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.

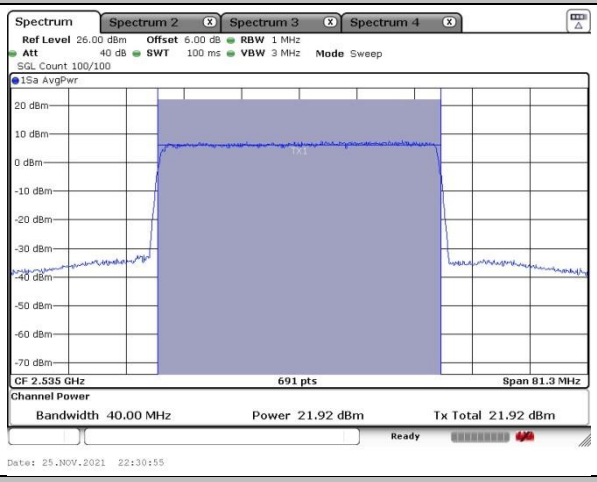
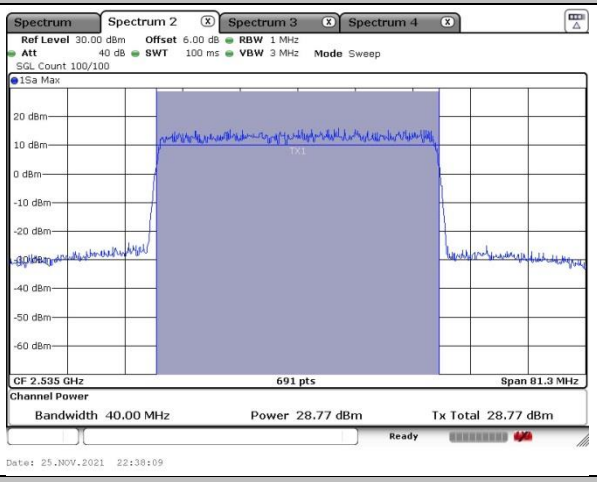
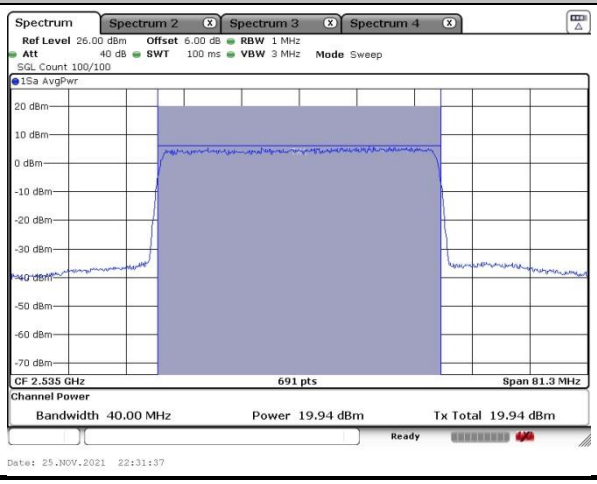
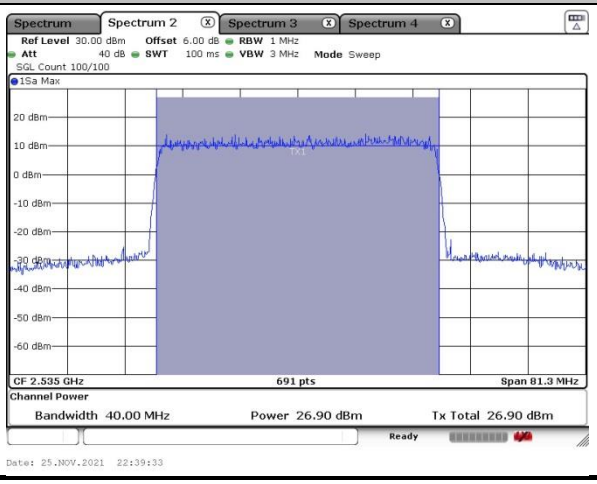
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

FR1 n7

Peak-to-Average Ratio

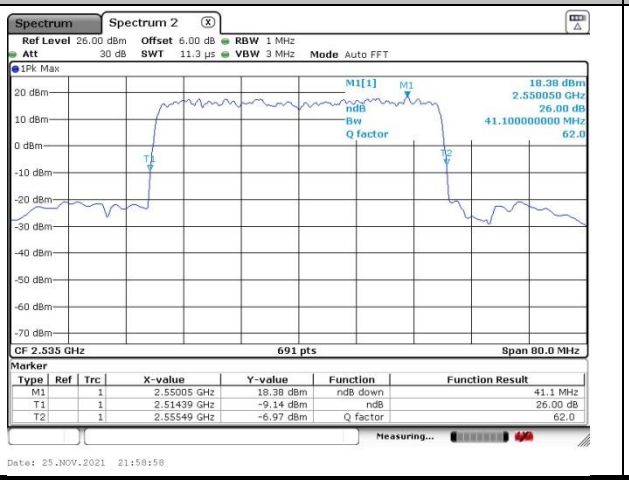
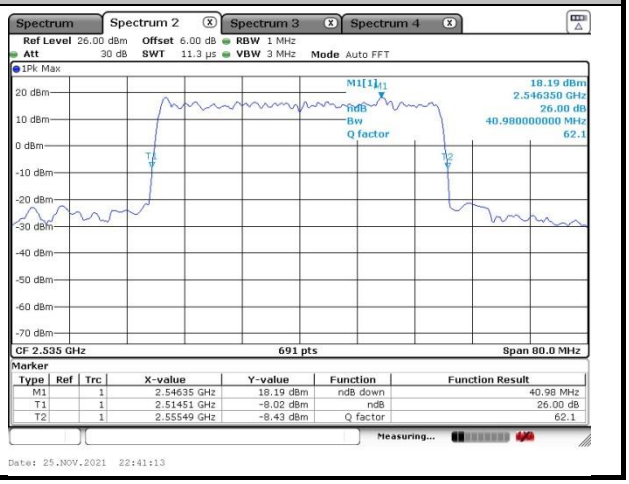
Mode	FR1 n7 / 40MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.82	6.85	6.92	6.85	PASS
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.96				PASS

Middle Channel / Full RB	Middle Channel / Full RB
BPSK-A	**BPSK-P**
	
QPSK-A	**QPSK-P**
	
16QAM-A	**16QAM-P**
	

Middle Channel / Full RB	Middle Channel / Full RB
64QAM-A	64QAM-P
	
256QAM-A	256QAM-P
	

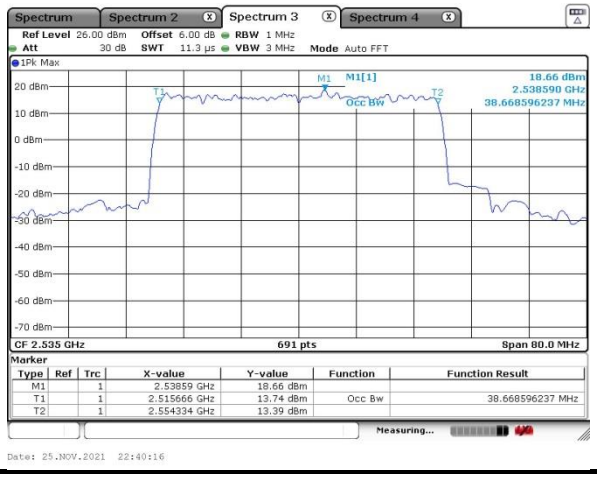
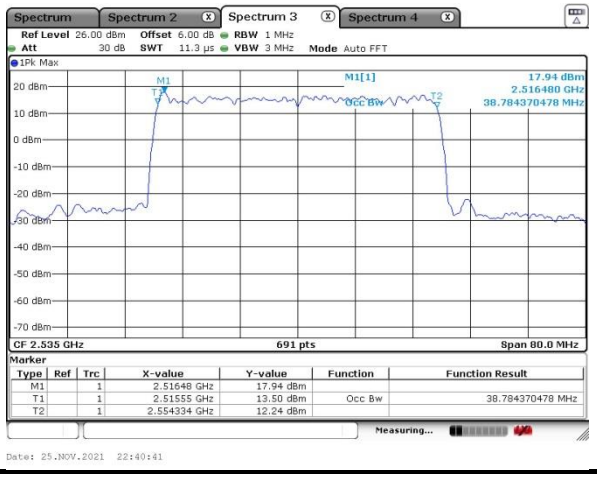
26dB Bandwidth

Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	41.1	40.98

FR1 n7 / 40MHz / DFT-S OFDM	
Middle Channel	
QPSK	16QAM
	

Occupied Bandwidth

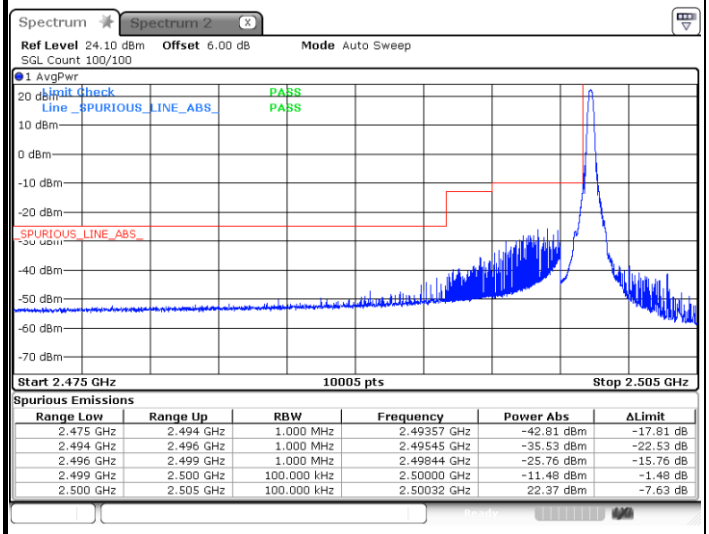
Mode	FR1 n7 : 99%OBW(MHz) / DFT-S OFDM	
BW	40M	
Mod.	QPSK	16QAM
Middle CH	38.66	38.78

FR1 n7 / 40MHz / DFT-S OFDM	
Middle Channel	
QPSK	16QAM
	

Conducted Band Edge

FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

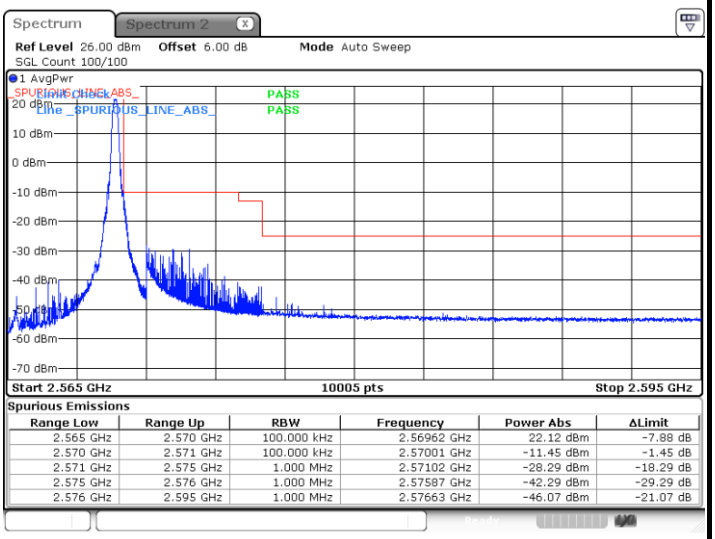


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49357 GHz	-42.81 dBm	-17.81 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49545 GHz	-35.53 dBm	-22.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49844 GHz	-25.76 dBm	-15.76 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-11.48 dBm	-1.48 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	22.37 dBm	-7.63 dB

Date: 26.NOV.2021 13:11:22

Highest Band Edge / 1RBMAX

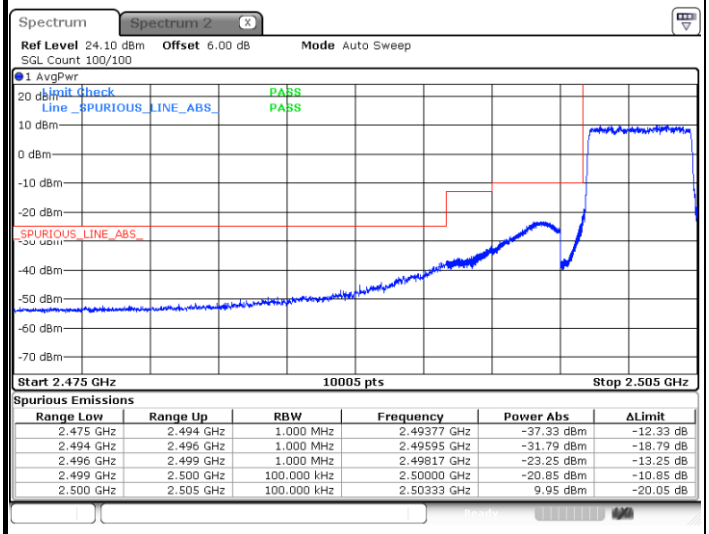


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56962 GHz	22.12 dBm	-7.88 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-11.45 dBm	-1.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-28.29 dBm	-18.29 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57587 GHz	-42.29 dBm	-29.29 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57663 GHz	-46.07 dBm	-21.07 dB

Date: 26.NOV.2021 13:25:53

Lowest Band Edge / Full RB

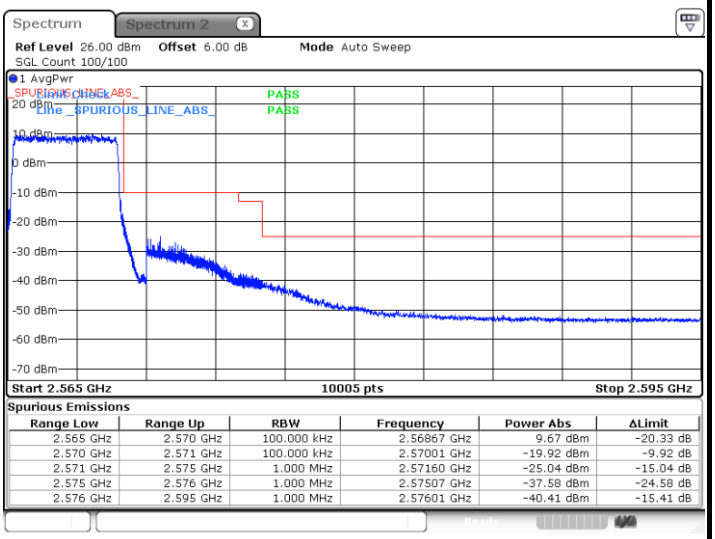


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49377 GHz	-37.33 dBm	-12.33 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-31.79 dBm	-18.79 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49817 GHz	-23.25 dBm	-13.25 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-20.85 dBm	-10.85 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50333 GHz	9.95 dBm	-20.05 dB

Date: 26.NOV.2021 13:11:54

Highest Band Edge / Full RB



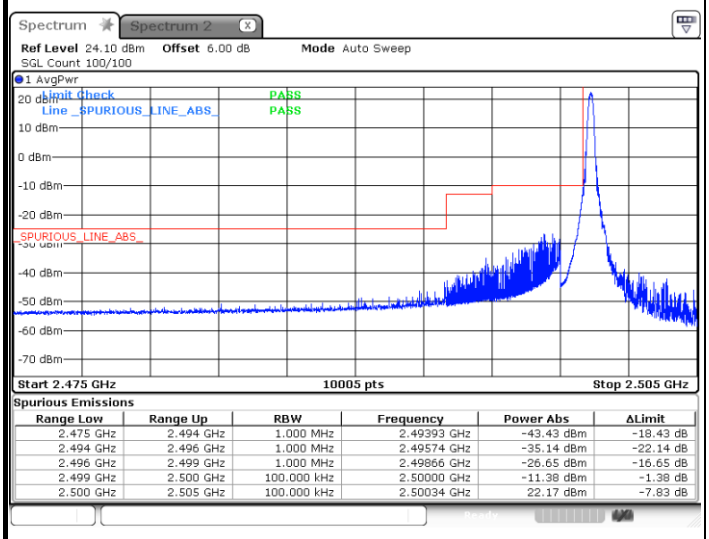
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56867 GHz	9.67 dBm	-20.33 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-19.92 dBm	-9.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57160 GHz	-25.04 dBm	-15.04 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57507 GHz	-37.58 dBm	-24.58 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-40.41 dBm	-15.41 dB

Date: 26.NOV.2021 13:25:08

FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

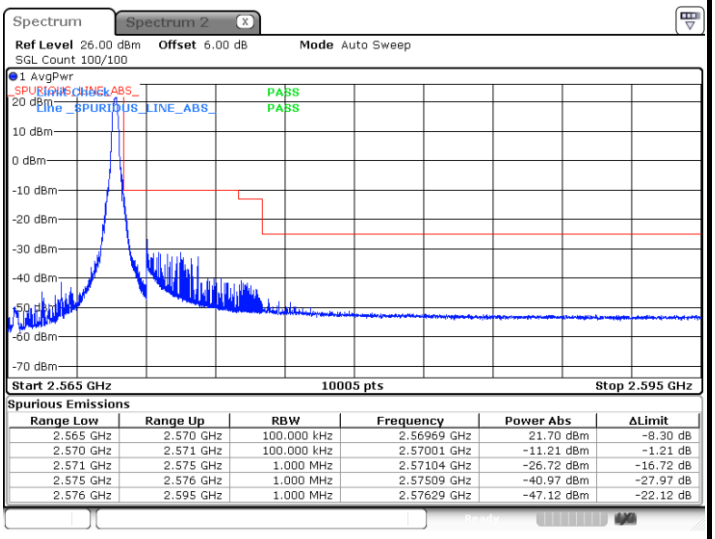


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49393 GHz	-43.43 dBm	-18.43 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49574 GHz	-35.14 dBm	-22.14 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49866 GHz	-26.65 dBm	-16.65 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-11.38 dBm	-1.38 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	22.17 dBm	-7.83 dB

Date: 26.NOV.2021 13:07:23

Highest Band Edge / 1RBMAX

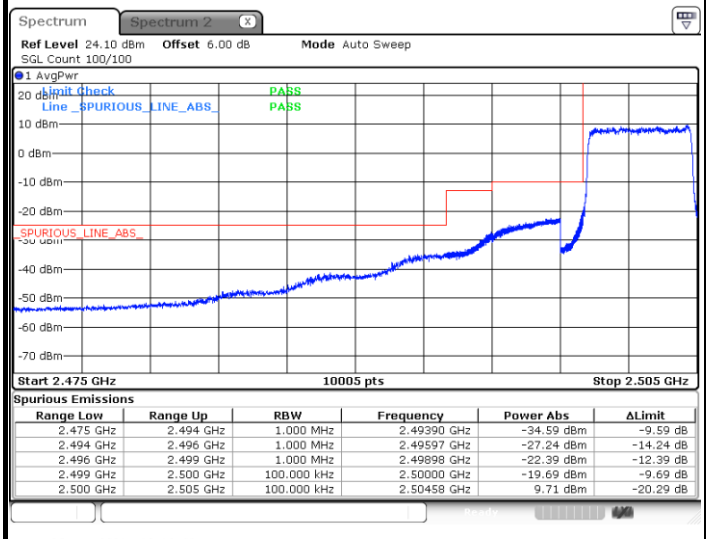


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56969 GHz	21.70 dBm	-8.30 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-11.21 dBm	-1.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-26.72 dBm	-16.72 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-40.97 dBm	-27.97 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57629 GHz	-47.12 dBm	-22.12 dB

Date: 26.NOV.2021 13:17:45

Lowest Band Edge / Full RB

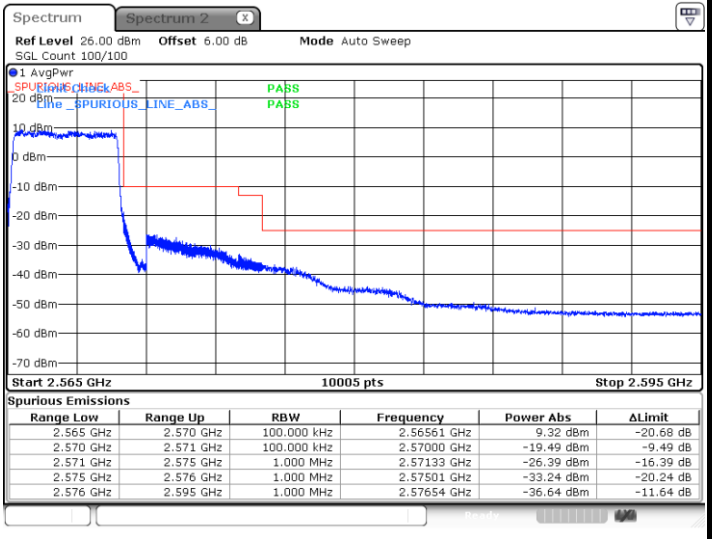


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49390 GHz	-34.59 dBm	-9.59 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-27.24 dBm	-14.24 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-22.39 dBm	-12.39 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-19.69 dBm	-9.69 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50458 GHz	9.71 dBm	-20.29 dB

Date: 26.NOV.2021 13:12:22

Highest Band Edge / Full RB



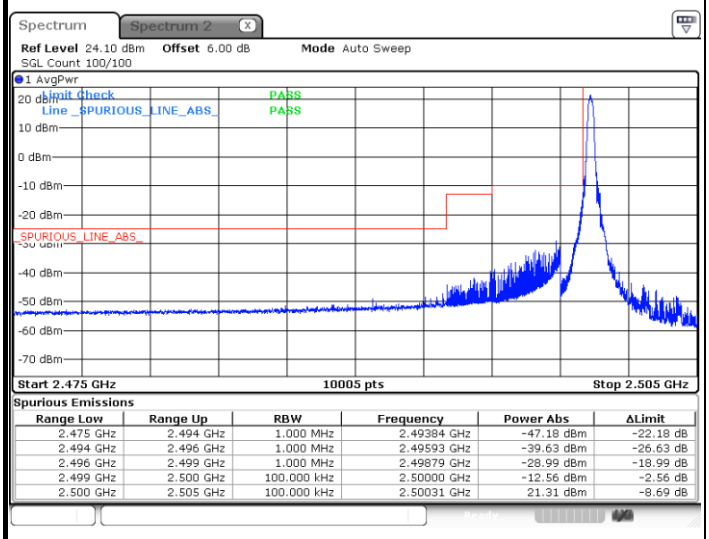
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56561 GHz	9.32 dBm	-20.68 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.49 dBm	-9.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57133 GHz	-26.39 dBm	-16.39 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-33.24 dBm	-20.24 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57654 GHz	-36.64 dBm	-11.64 dB

Date: 26.NOV.2021 13:23:08

FR1 n7 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

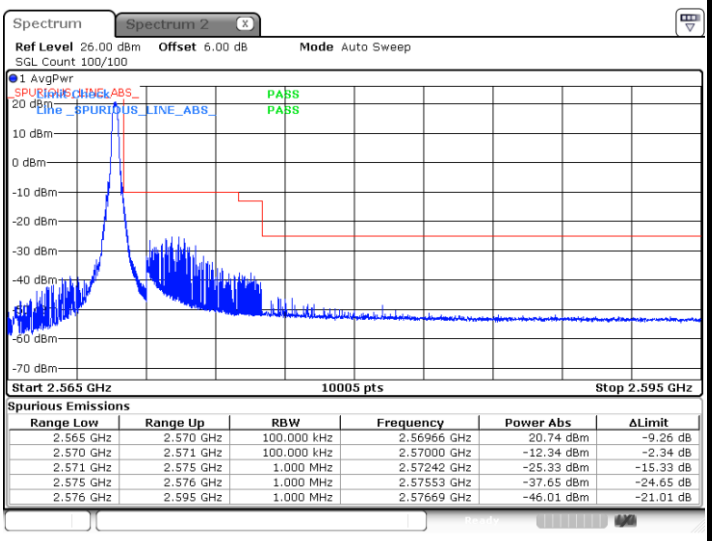


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49384 GHz	-47.18 dBm	-22.18 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-39.63 dBm	-26.63 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49879 GHz	-28.99 dBm	-18.99 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-12.56 dBm	-2.56 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50031 GHz	21.31 dBm	-8.69 dB

Date: 26.NOV.2021 13:08:16

Highest Band Edge / 1RBMAX

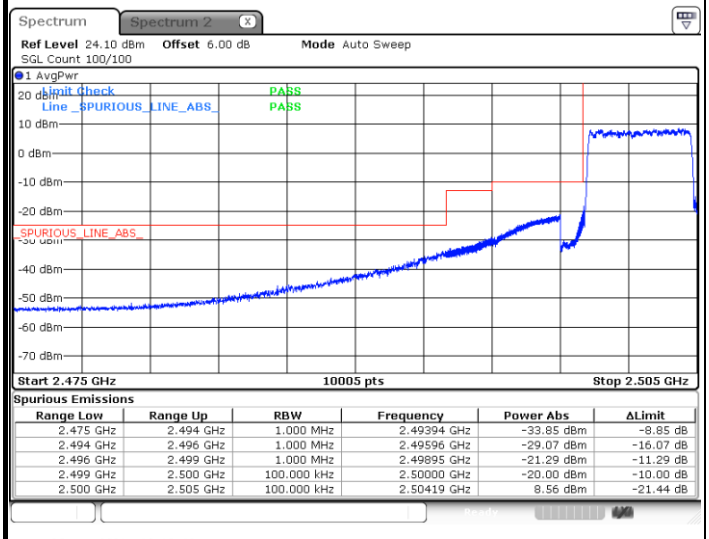


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	20.74 dBm	-9.26 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-12.34 dBm	-2.34 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57242 GHz	-25.33 dBm	-15.33 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57553 GHz	-37.65 dBm	-24.65 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57669 GHz	-46.01 dBm	-21.01 dB

Date: 26.NOV.2021 13:18:10

Lowest Band Edge / Full RB

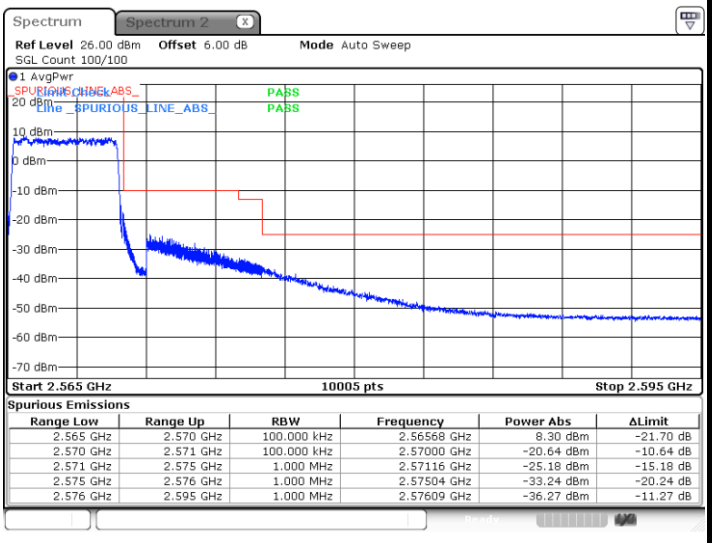


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49394 GHz	-33.85 dBm	-8.85 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-29.07 dBm	-16.07 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49895 GHz	-21.29 dBm	-11.29 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-20.00 dBm	-10.00 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50419 GHz	8.56 dBm	-21.44 dB

Date: 26.NOV.2021 13:13:19

Highest Band Edge / Full RB



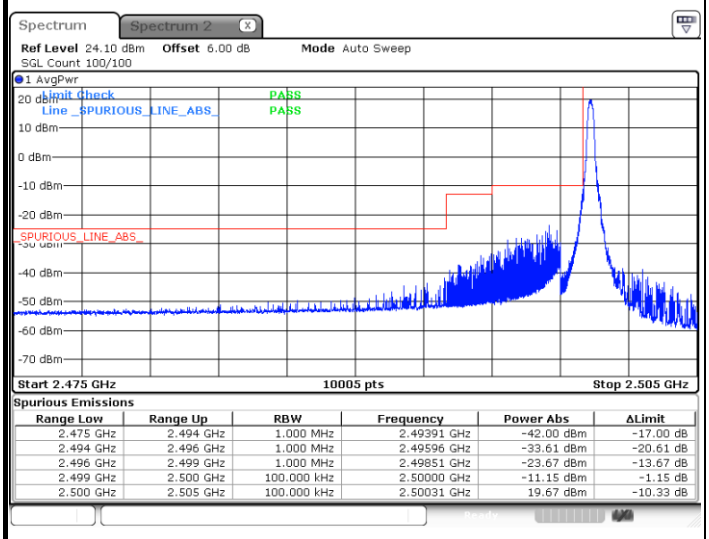
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56568 GHz	8.30 dBm	-21.70 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-20.64 dBm	-10.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57116 GHz	-25.18 dBm	-15.18 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-33.24 dBm	-20.24 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-36.27 dBm	-11.27 dB

Date: 26.NOV.2021 13:22:37

FR1 n7 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

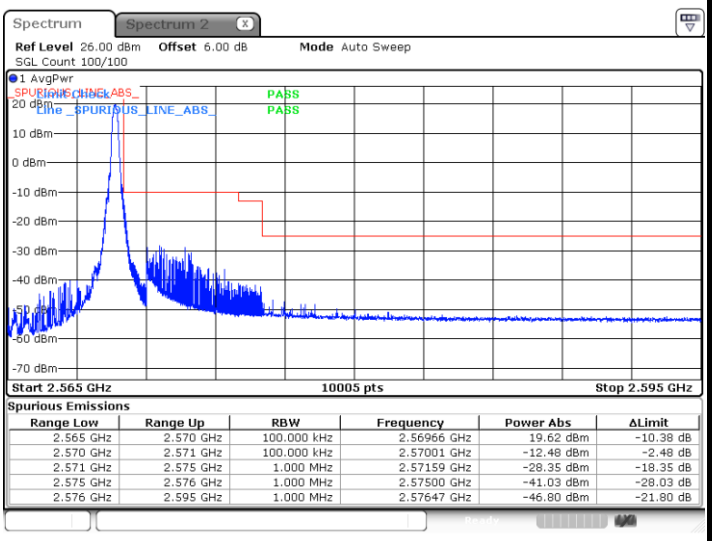


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49391 GHz	-42.00 dBm	-17.00 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-33.61 dBm	-20.61 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49851 GHz	-23.67 dBm	-13.67 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-11.15 dBm	-1.15 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50031 GHz	19.67 dBm	-10.33 dB

Date: 26.NOV.2021 13:08:51

Highest Band Edge / 1RBMAX

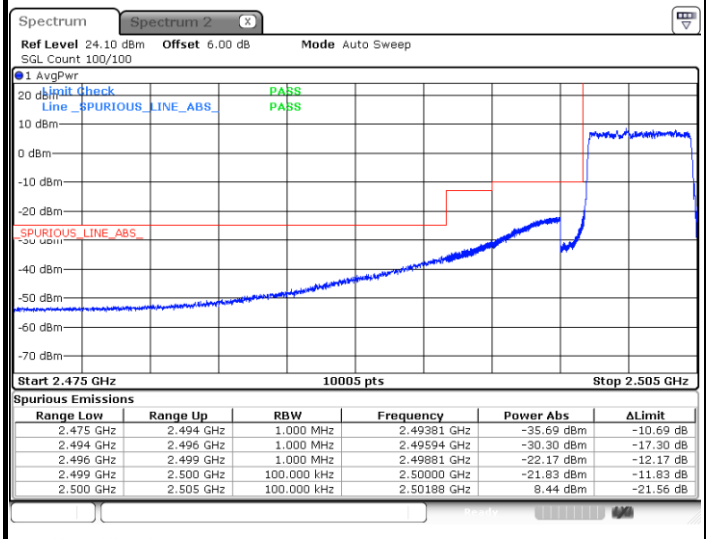


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	19.62 dBm	-10.38 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-12.48 dBm	-2.48 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57159 GHz	-28.35 dBm	-18.35 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-41.03 dBm	-28.03 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57647 GHz	-46.80 dBm	-21.80 dB

Date: 26.NOV.2021 13:20:13

Lowest Band Edge / Full RB

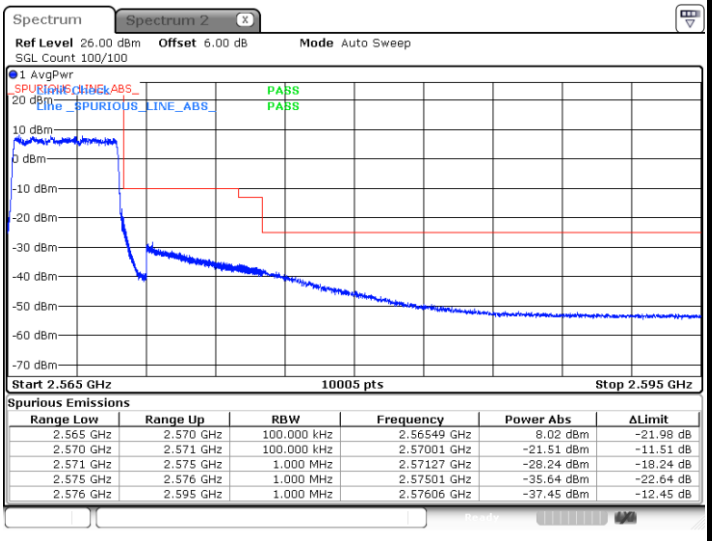


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49381 GHz	-35.69 dBm	-10.69 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-30.30 dBm	-17.30 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49881 GHz	-22.17 dBm	-12.17 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-21.83 dBm	-11.83 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50188 GHz	8.44 dBm	-21.56 dB

Date: 26.NOV.2021 13:14:02

Highest Band Edge / Full RB



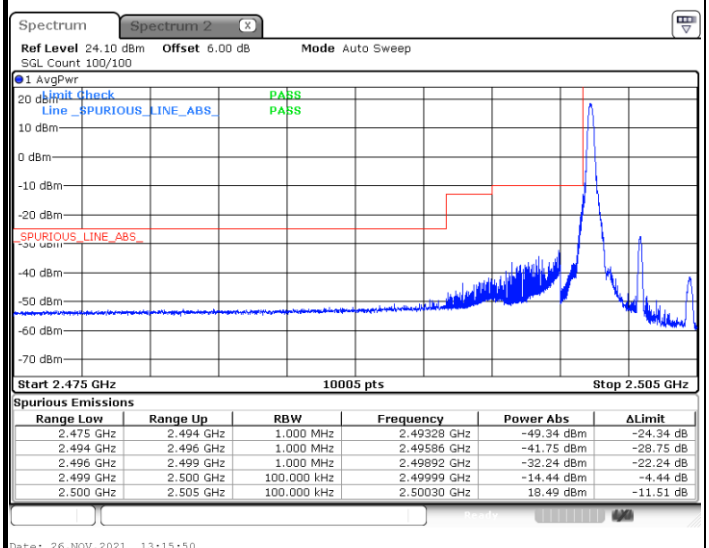
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56549 GHz	8.02 dBm	-21.98 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-21.51 dBm	-11.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-28.24 dBm	-18.24 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-35.64 dBm	-22.64 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57606 GHz	-37.45 dBm	-12.45 dB

Date: 26.NOV.2021 13:21:58

FR1 n7 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

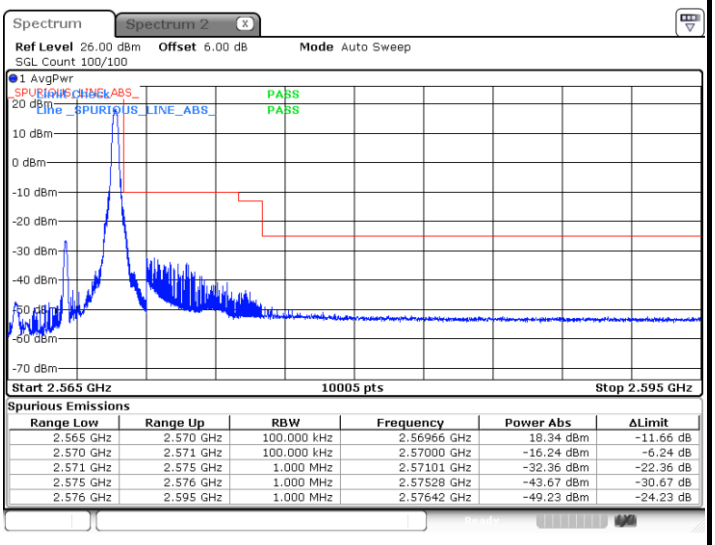


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49328 GHz	-49.34 dBm	-24.34 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49586 GHz	-41.75 dBm	-28.75 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-32.24 dBm	-22.24 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-14.44 dBm	-4.44 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50030 GHz	18.49 dBm	-11.51 dB

Date: 26.NOV.2021 13:15:50

Highest Band Edge / 1RBMAX

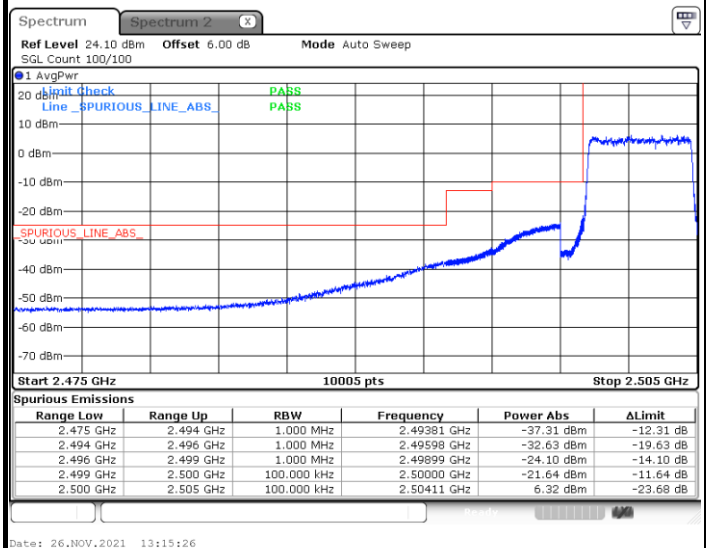


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	18.34 dBm	-11.66 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-16.24 dBm	-6.24 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-32.36 dBm	-22.36 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57528 GHz	-43.67 dBm	-30.67 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57642 GHz	-49.23 dBm	-24.23 dB

Date: 26.NOV.2021 13:20:42

Lowest Band Edge / Full RB

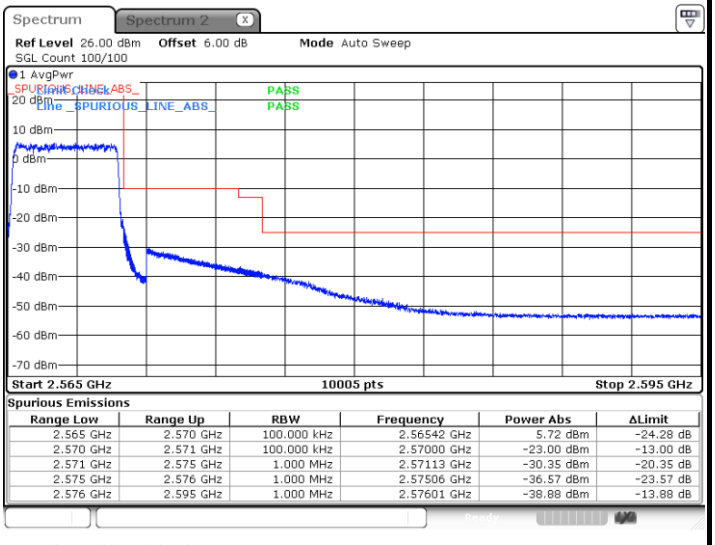


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49381 GHz	-37.31 dBm	-12.31 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-32.63 dBm	-19.63 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-24.10 dBm	-14.10 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-21.64 dBm	-11.64 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50411 GHz	6.32 dBm	-23.68 dB

Date: 26.NOV.2021 13:15:26

Highest Band Edge / Full RB

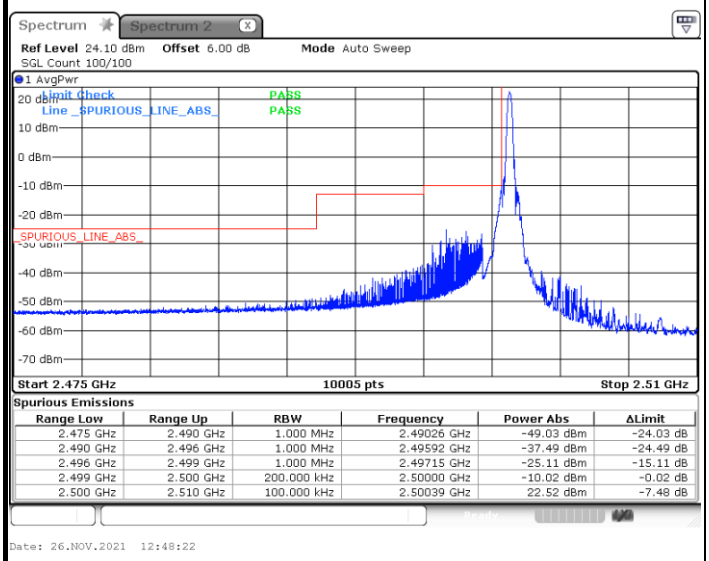


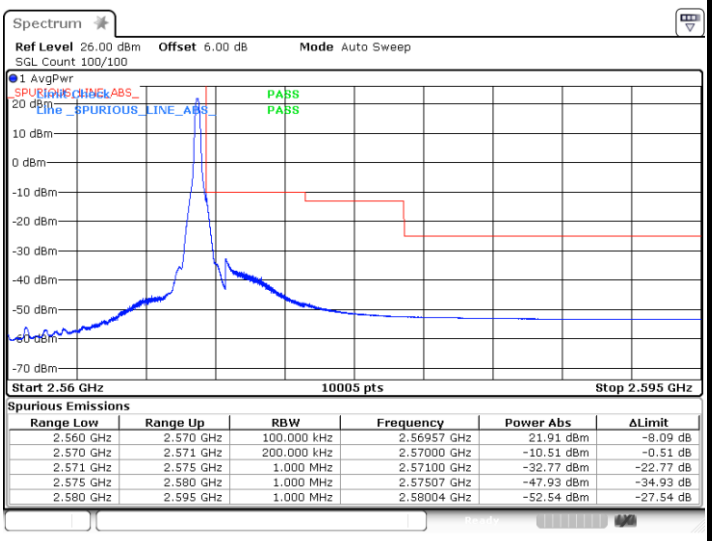
Spurious Emissions

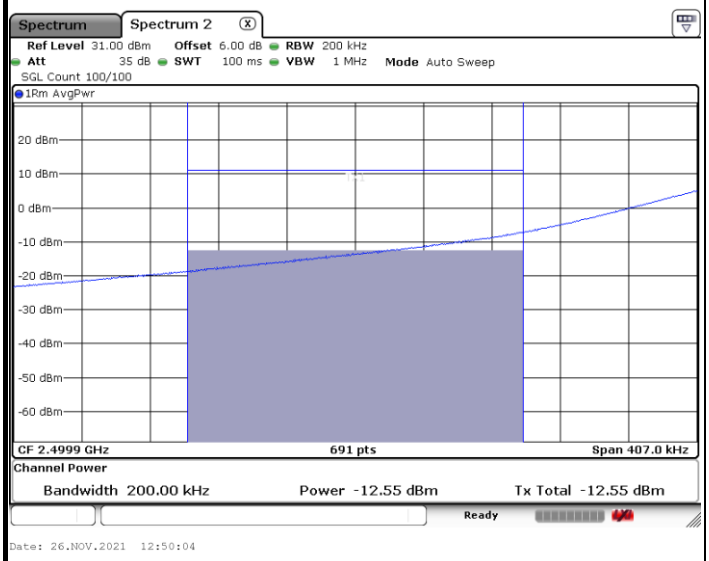
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56542 GHz	5.72 dBm	-24.28 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-23.00 dBm	-13.00 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57113 GHz	-30.35 dBm	-20.35 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57506 GHz	-36.57 dBm	-23.57 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-38.88 dBm	-13.88 dB

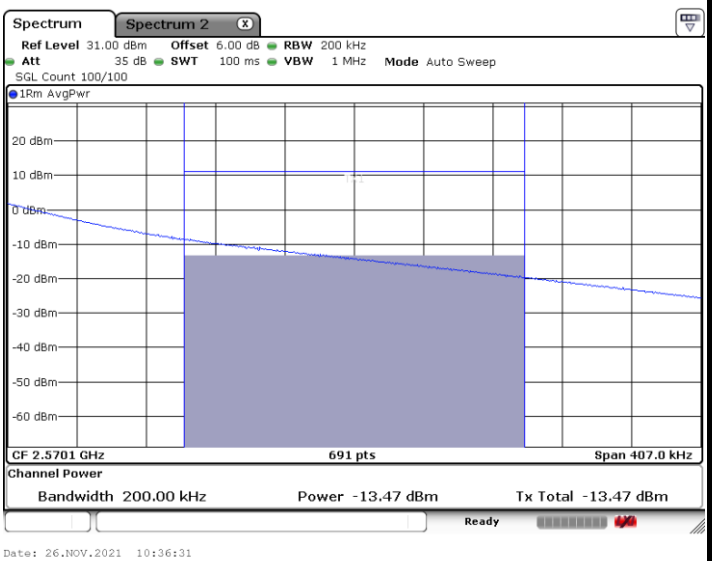
Date: 26.NOV.2021 13:21:13

FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBMAX**

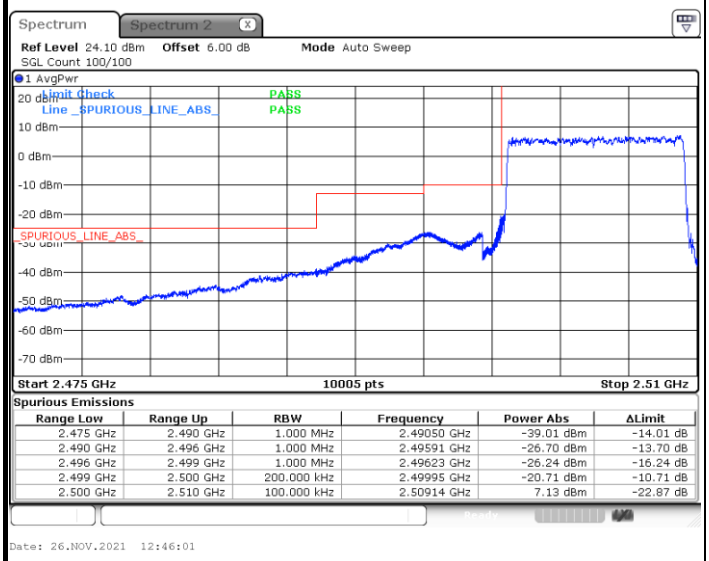








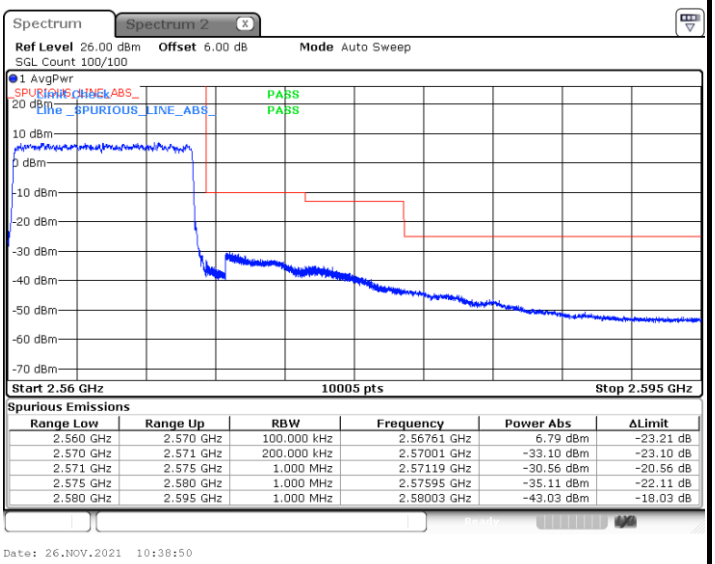
FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-39.01 dBm	-14.01 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-26.70 dBm	-13.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49623 GHz	-26.24 dBm	-16.24 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49995 GHz	-20.71 dBm	-10.71 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50914 GHz	7.13 dBm	-22.87 dB

Date: 26.NOV.2021 12:46:01

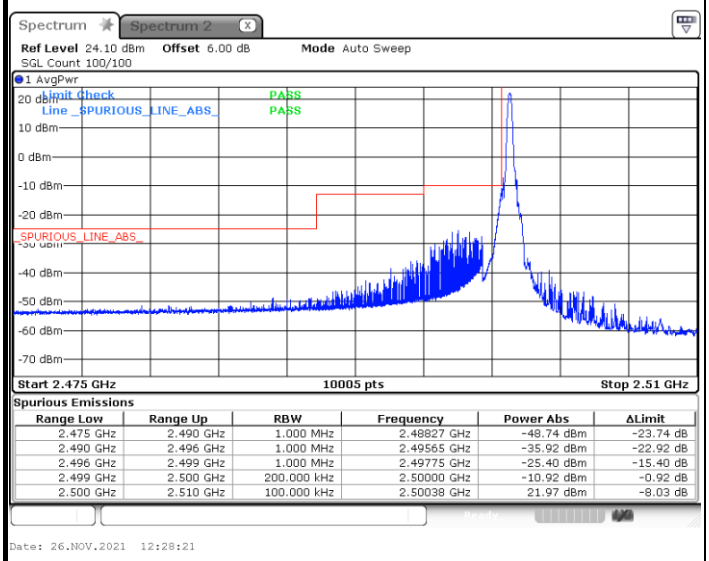


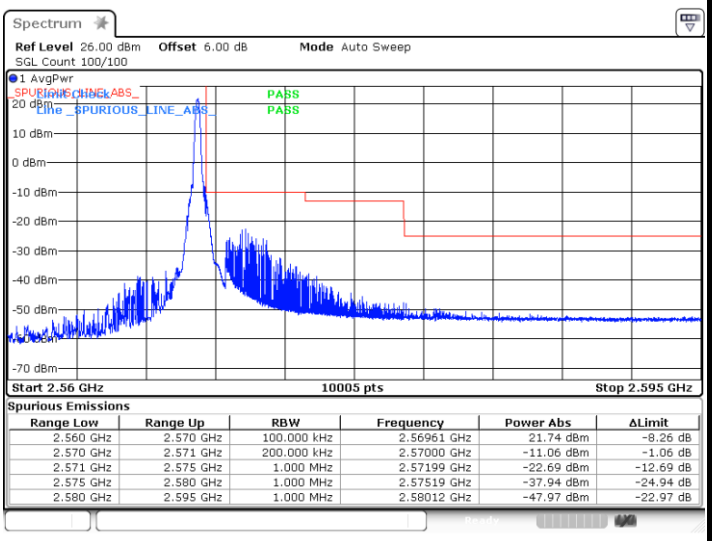
Spurious Emissions

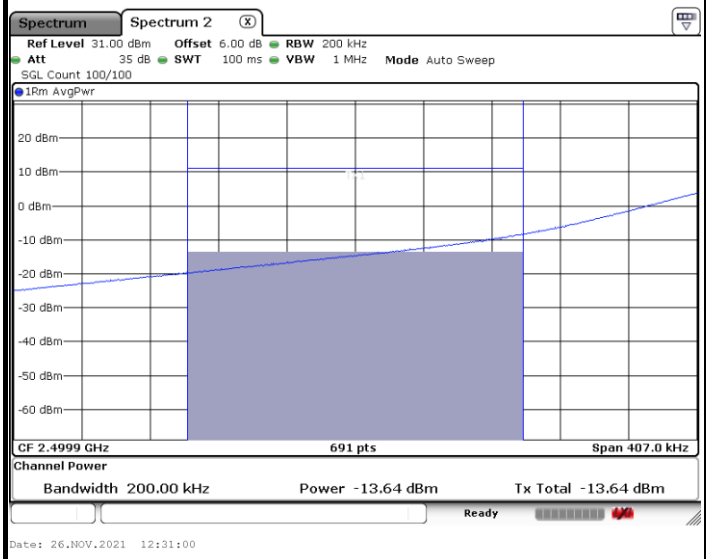
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56761 GHz	6.79 dBm	-23.21 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-33.10 dBm	-23.10 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-30.56 dBm	-20.56 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57595 GHz	-35.11 dBm	-22.11 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58003 GHz	-43.03 dBm	-18.03 dB

Date: 26.NOV.2021 10:38:50

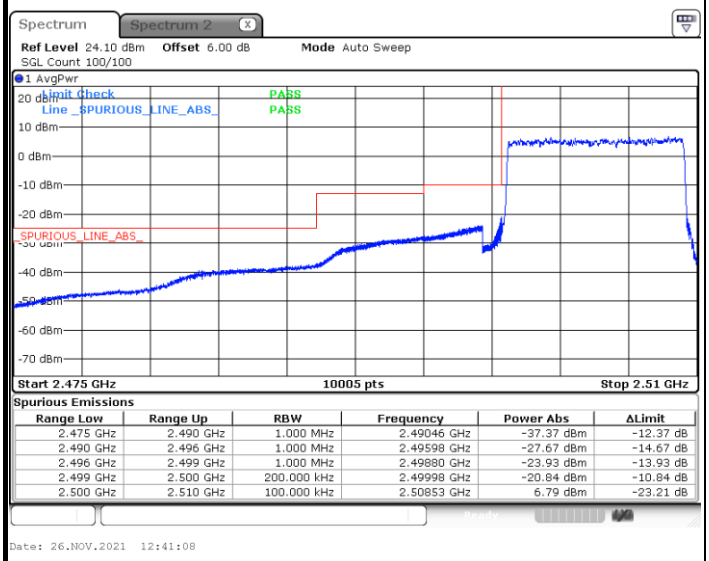
FR1 n7 / 10MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBMAX**







FR1 n7 / 10MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-37.37 dBm	-12.37 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-27.67 dBm	-14.67 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49880 GHz	-23.93 dBm	-13.93 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-20.84 dBm	-10.84 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50853 GHz	6.79 dBm	-23.21 dB

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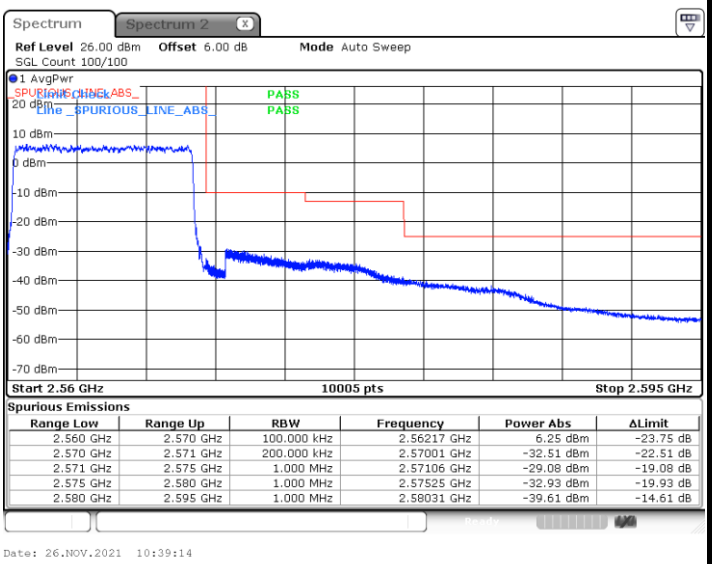

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56217 GHz	6.25 dBm	-23.75 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-32.51 dBm	-22.51 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-29.08 dBm	-19.08 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57525 GHz	-32.93 dBm	-19.93 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58031 GHz	-39.61 dBm	-14.61 dB

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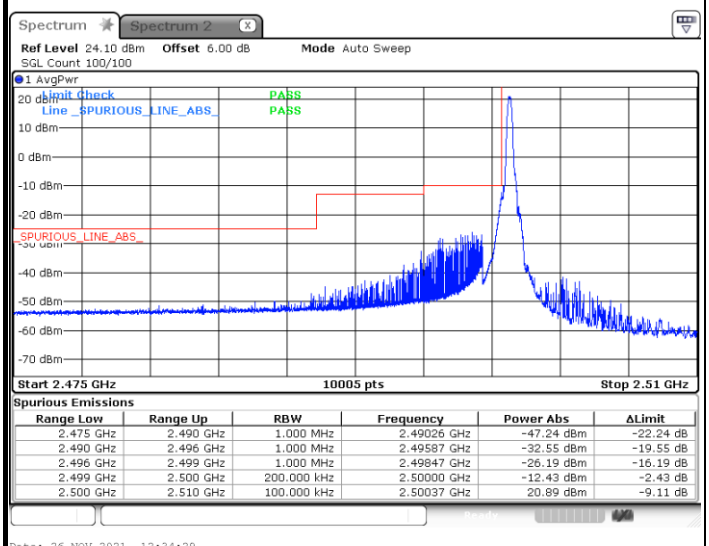
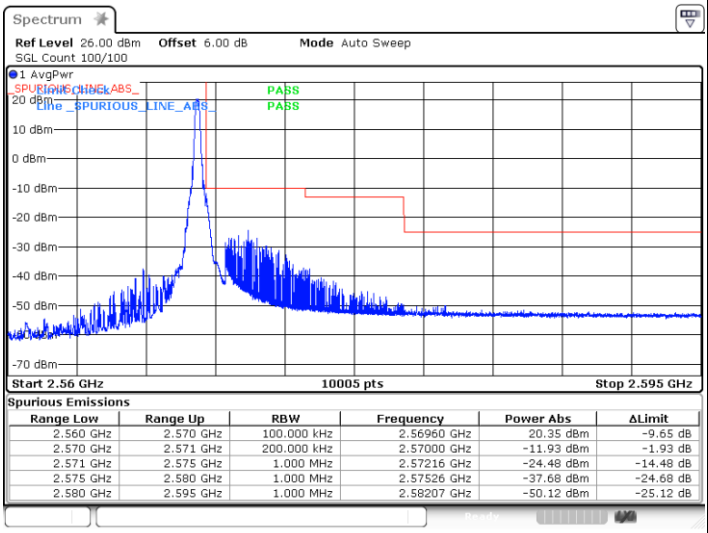
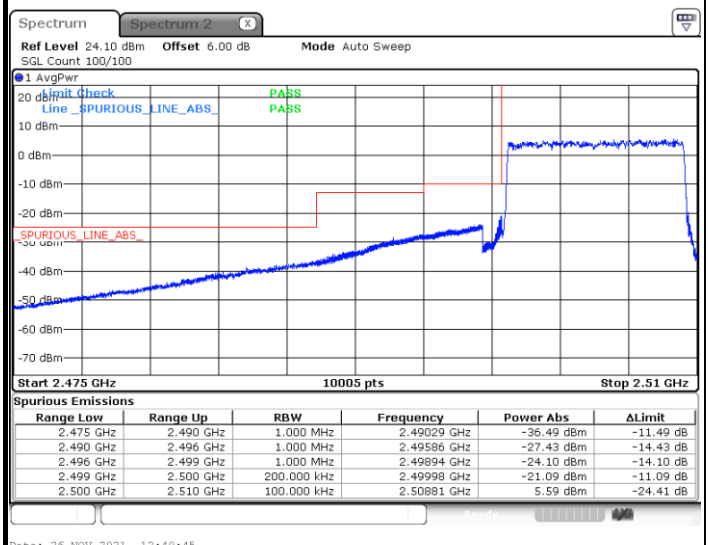
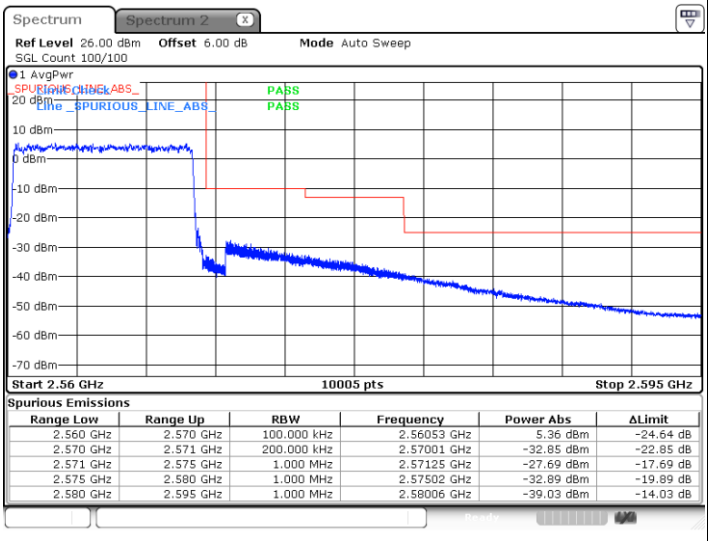
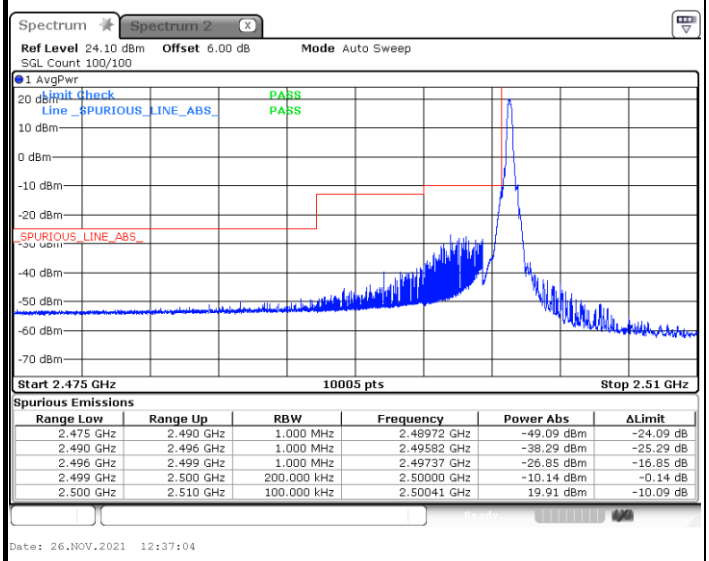
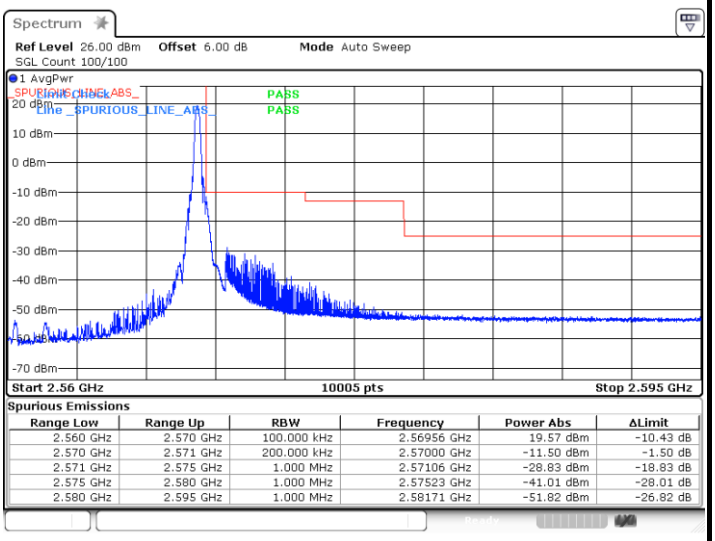
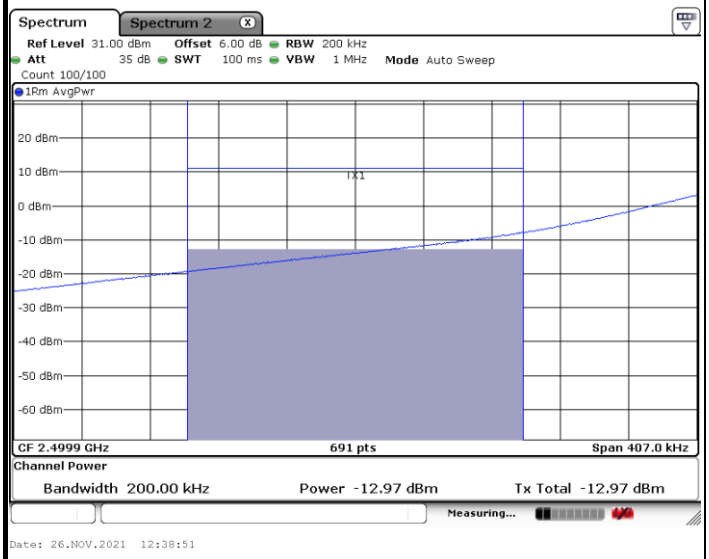
FR1 n7 / 10MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBMAX**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

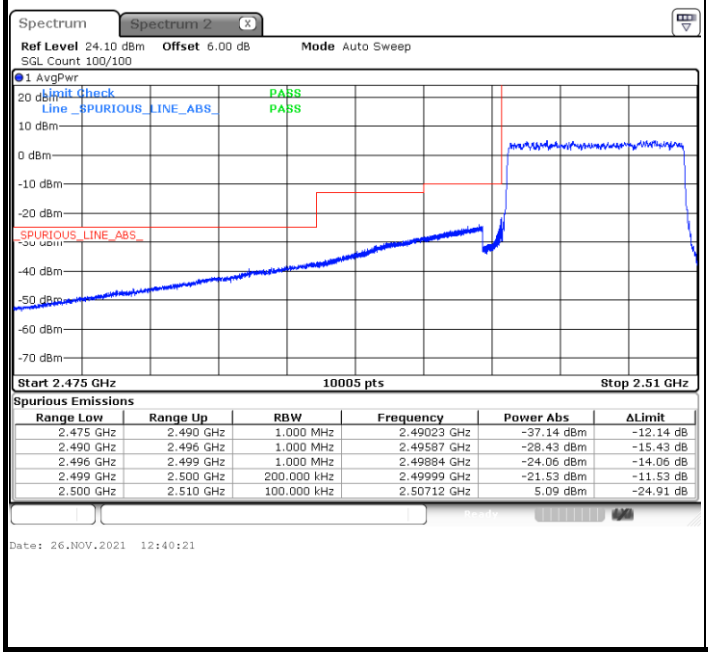
FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBMAX**

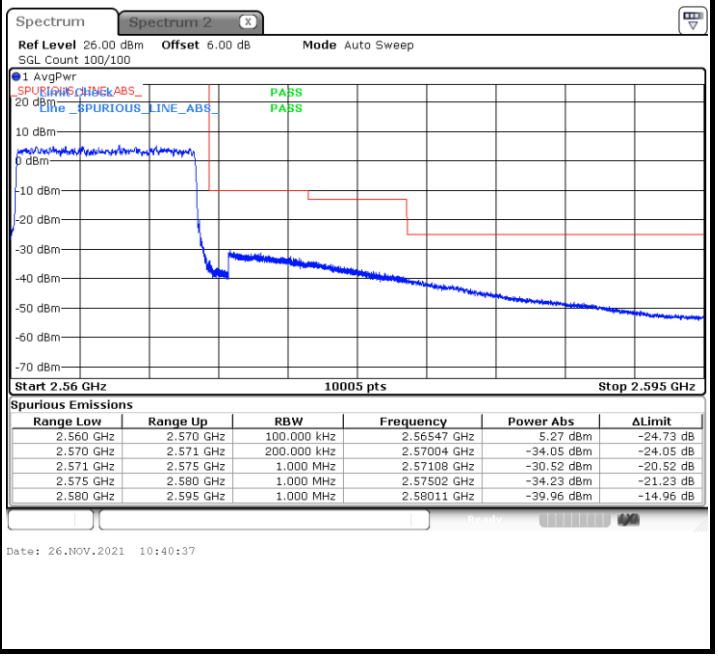






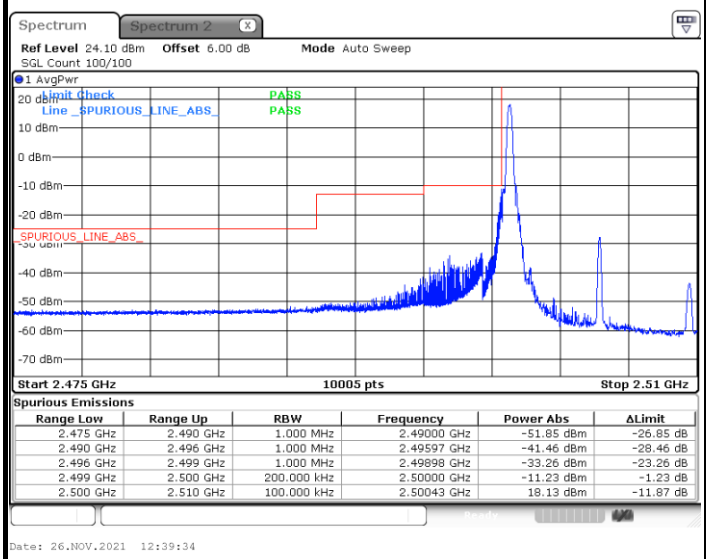
FR1 n7 / 10MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





FR1 n7 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49000 GHz	-51.85 dBm	-26.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-41.46 dBm	-28.46 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-33.26 dBm	-23.26 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-11.23 dBm	-1.23 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50043 GHz	18.13 dBm	-11.87 dB

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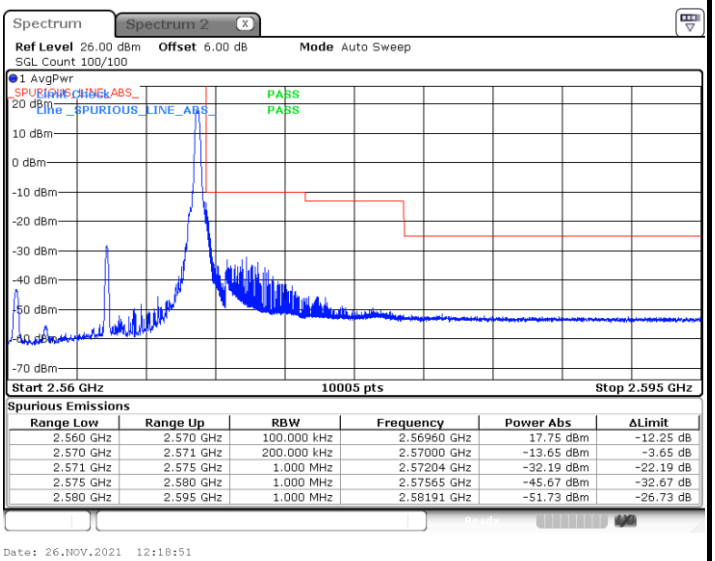
Highest Band Edge / 1RBMAX



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56960 GHz	17.75 dBm	-12.25 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-13.65 dBm	-3.65 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57204 GHz	-32.19 dBm	-22.19 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57565 GHz	-45.67 dBm	-32.67 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58191 GHz	-51.73 dBm	-26.73 dB

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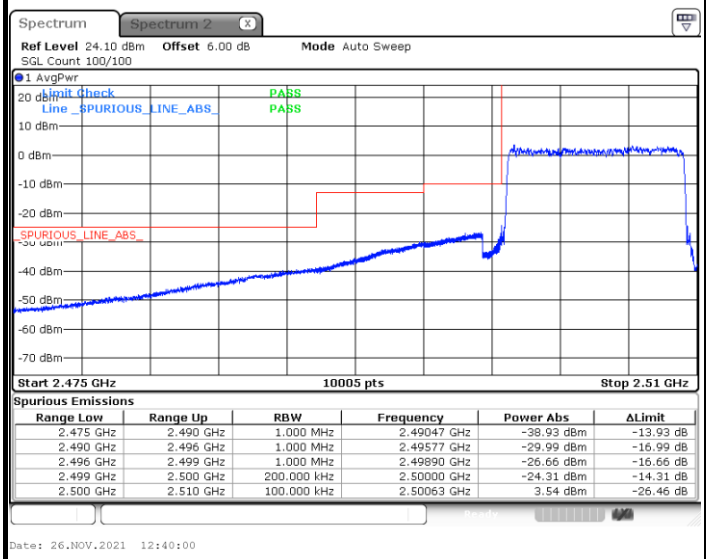
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-38.93 dBm	-13.93 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49577 GHz	-29.99 dBm	-16.99 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-26.66 dBm	-16.66 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-24.31 dBm	-14.31 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50063 GHz	3.54 dBm	-26.46 dB

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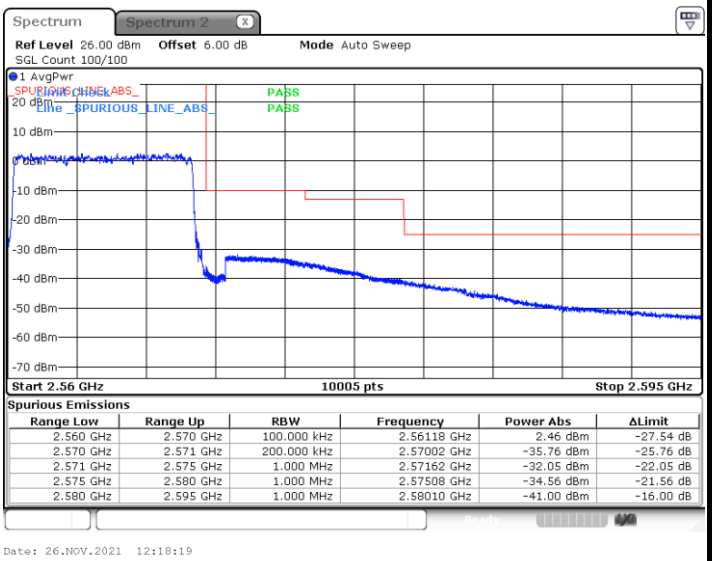
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56118 GHz	2.46 dBm	-27.54 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-35.76 dBm	-25.76 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57162 GHz	-32.05 dBm	-22.05 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57508 GHz	-34.56 dBm	-21.56 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58010 GHz	-41.00 dBm	-16.00 dB

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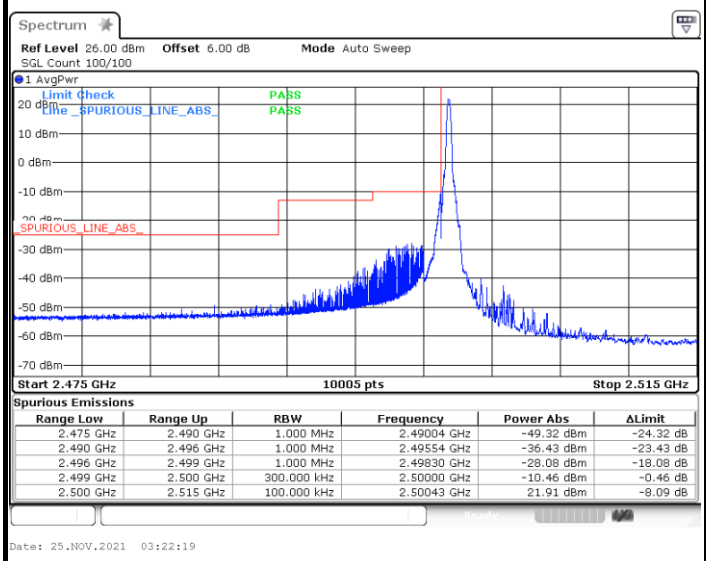
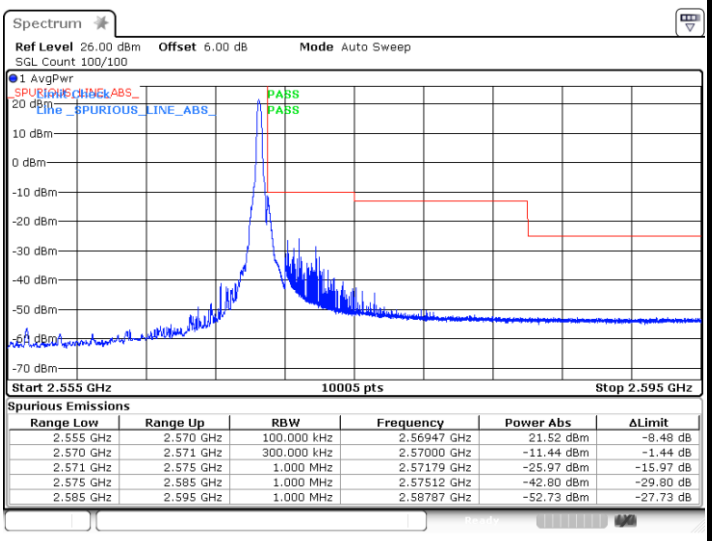
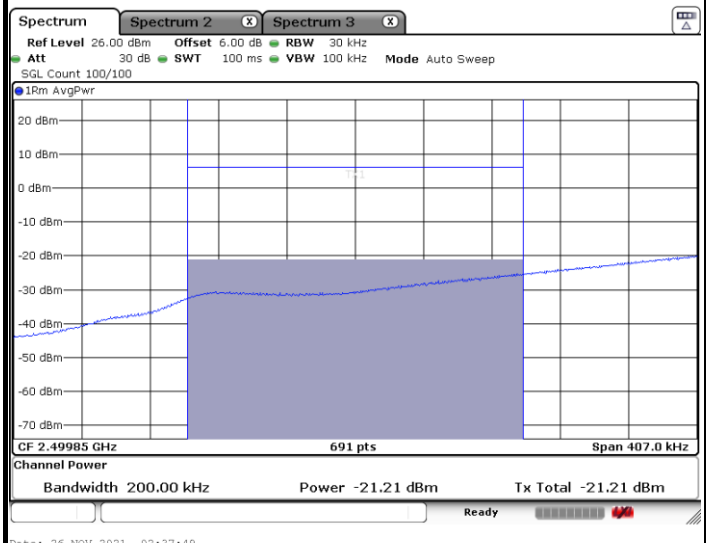
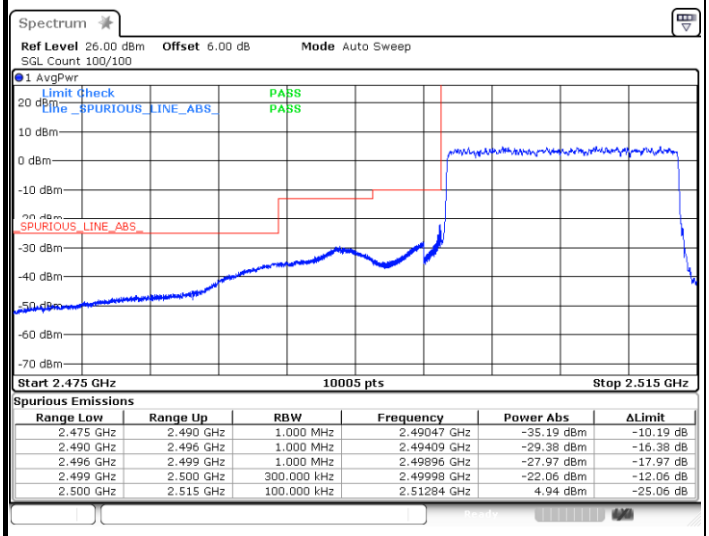
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBMAX**

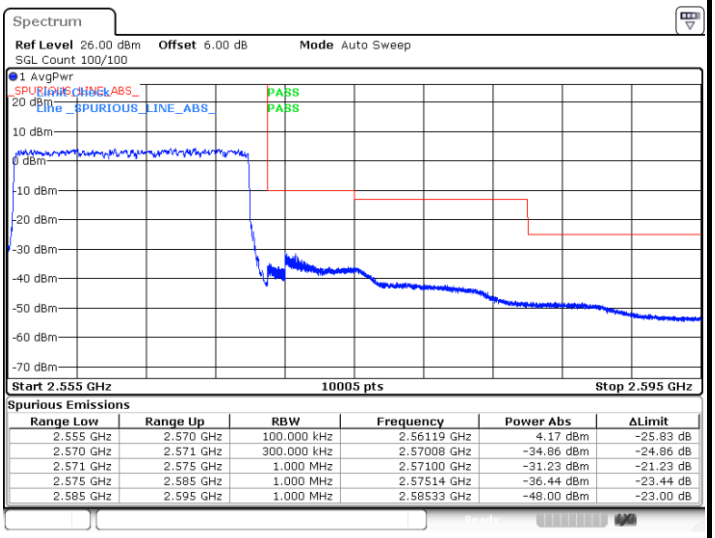






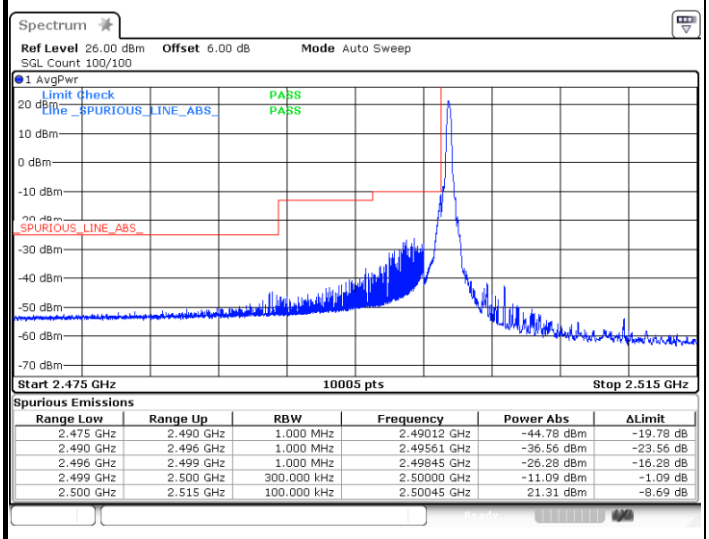
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





FR1 n7 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49012 GHz	-44.78 dBm	-19.78 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49561 GHz	-36.56 dBm	-23.56 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49845 GHz	-26.28 dBm	-16.28 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-11.09 dBm	-1.09 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50045 GHz	21.31 dBm	-8.69 dB

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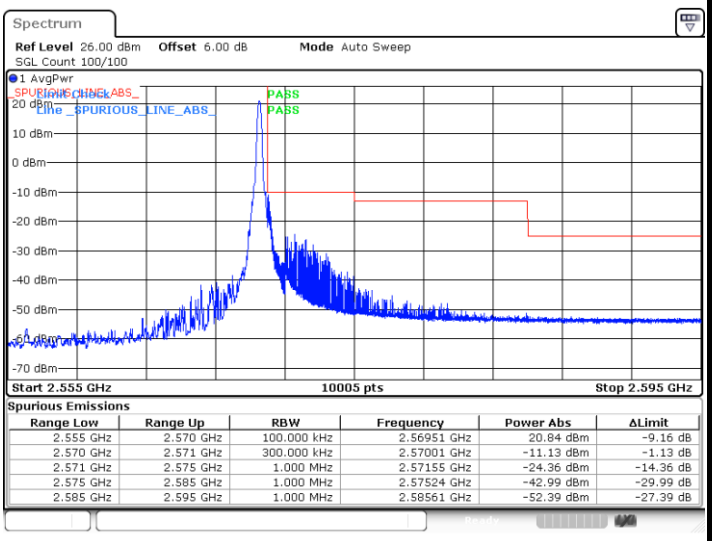
Highest Band Edge / 1RBMAX



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56951 GHz	20.84 dBm	-9.16 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-11.13 dBm	-1.13 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57155 GHz	-24.36 dBm	-14.36 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57524 GHz	-42.99 dBm	-29.99 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58561 GHz	-52.39 dBm	-27.39 dB

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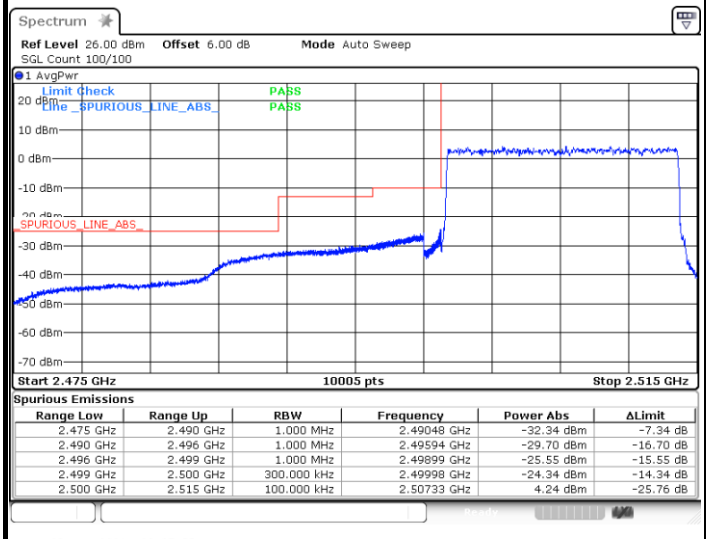
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-32.34 dBm	-7.34 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-29.70 dBm	-16.70 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-25.55 dBm	-15.55 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-24.34 dBm	-14.34 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50733 GHz	4.24 dBm	-25.76 dB

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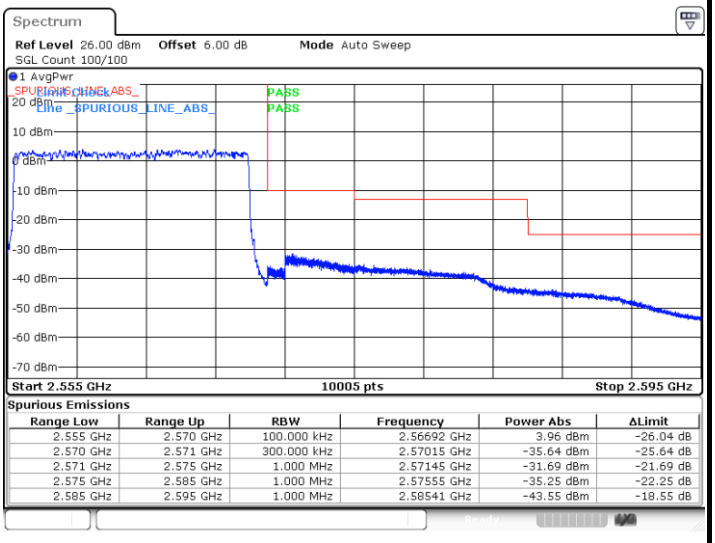
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56692 GHz	3.96 dBm	-26.04 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57015 GHz	-35.64 dBm	-25.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57145 GHz	-31.69 dBm	-21.69 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57555 GHz	-35.25 dBm	-22.25 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58541 GHz	-43.55 dBm	-18.55 dB

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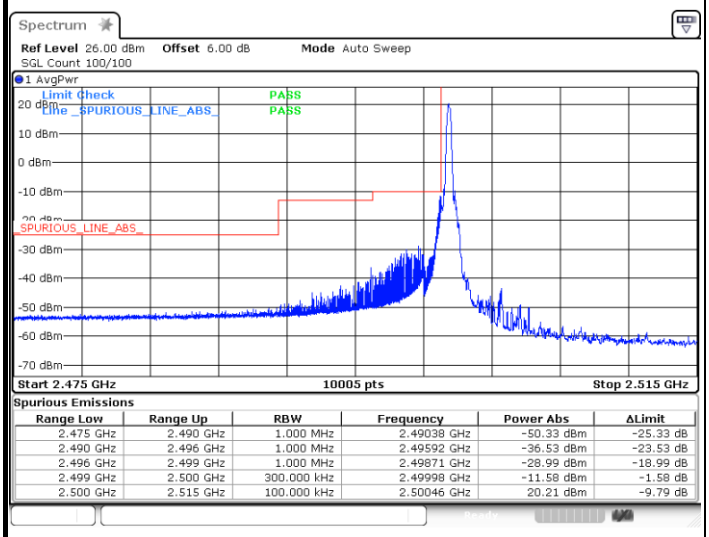
FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-50.33 dBm	-25.33 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-36.53 dBm	-23.53 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49871 GHz	-28.99 dBm	-18.99 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-11.58 dBm	-1.58 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50046 GHz	20.21 dBm	-9.79 dB

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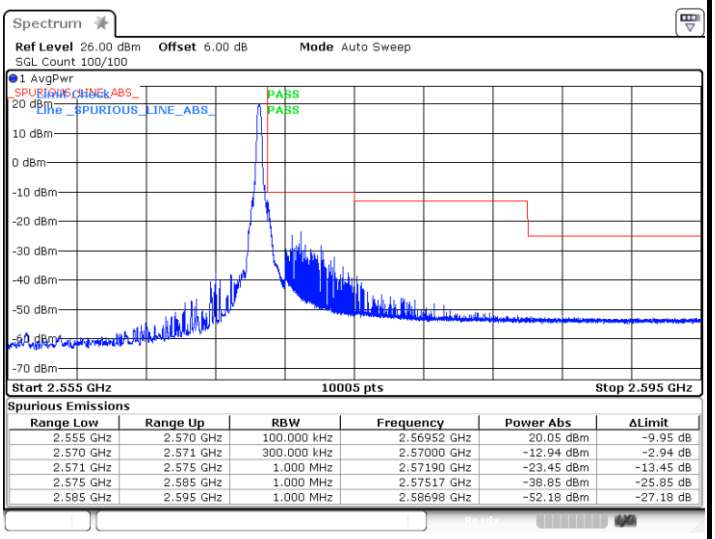
Highest Band Edge / 1RBMAX



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56952 GHz	20.05 dBm	-9.95 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-12.94 dBm	-2.94 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57190 GHz	-23.45 dBm	-13.45 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57517 GHz	-38.85 dBm	-25.85 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58698 GHz	-52.18 dBm	-27.18 dB

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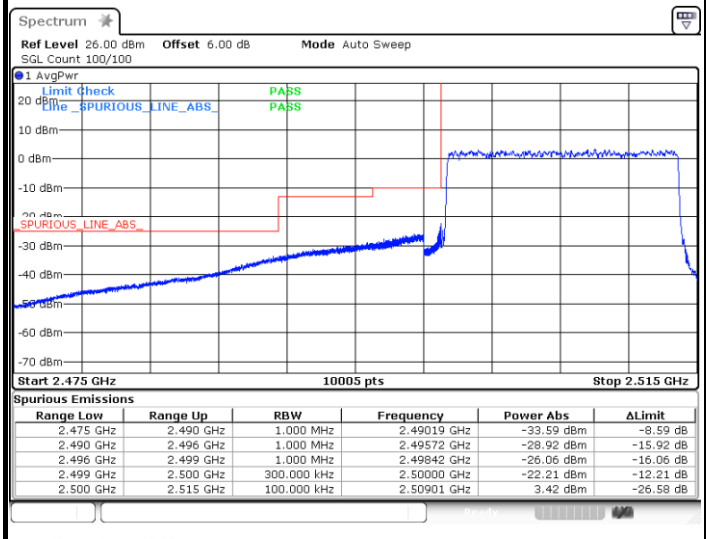
Lowest Band Edge / Full RB

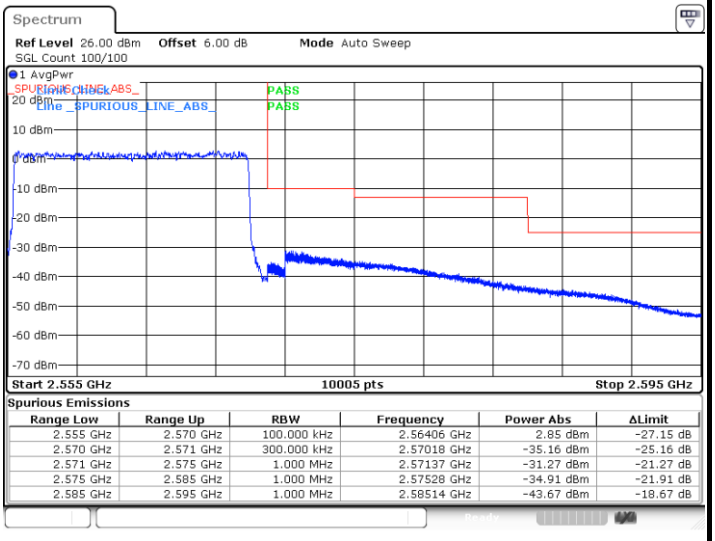


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49019 GHz	-33.59 dBm	-8.59 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49572 GHz	-28.92 dBm	-15.92 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49842 GHz	-26.06 dBm	-16.06 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-22.21 dBm	-12.21 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50901 GHz	3.42 dBm	-26.58 dB

Date: 25.NOV.2021 03:27:04

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56406 GHz	2.85 dBm	-27.15 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57018 GHz	-35.16 dBm	-25.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57137 GHz	-31.27 dBm	-21.27 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57528 GHz	-34.91 dBm	-21.91 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58514 GHz	-43.67 dBm	-18.67 dB

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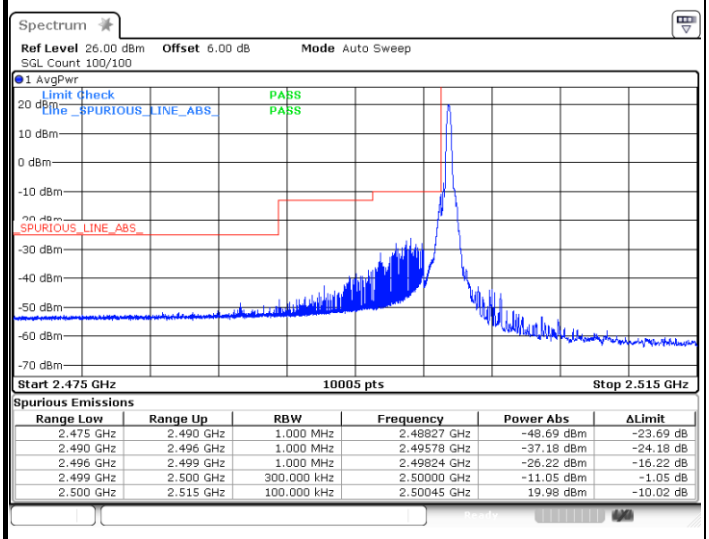
FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48827 GHz	-48.69 dBm	-23.69 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49578 GHz	-37.18 dBm	-24.18 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49824 GHz	-26.22 dBm	-16.22 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-11.05 dBm	-1.05 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50045 GHz	19.98 dBm	-10.02 dB

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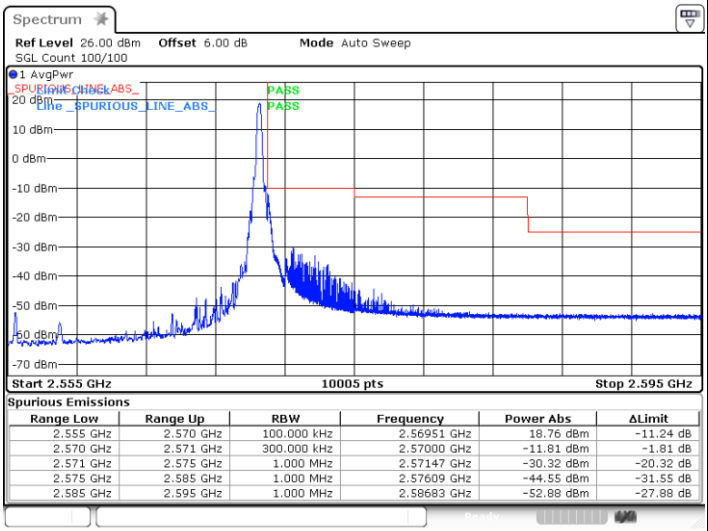
Highest Band Edge / 1RBMAX



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56951 GHz	18.76 dBm	-11.24 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-11.81 dBm	-1.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57147 GHz	-30.32 dBm	-20.32 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57609 GHz	-44.55 dBm	-31.55 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58683 GHz	-52.88 dBm	-27.88 dB

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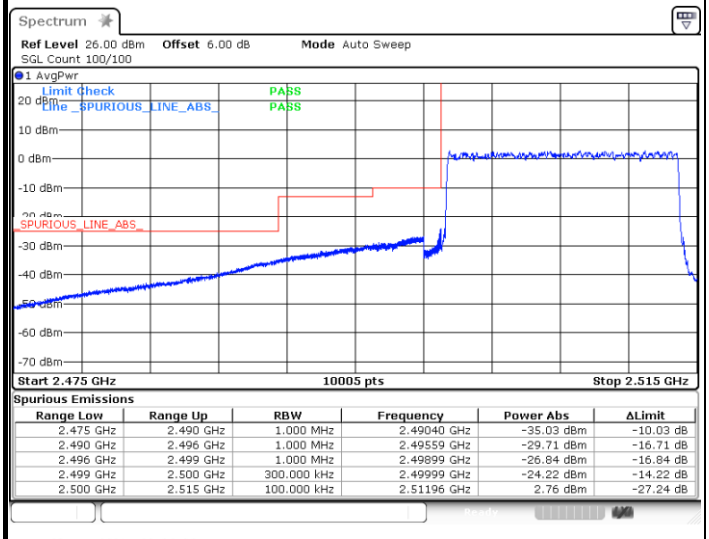
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-35.03 dBm	-10.03 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49559 GHz	-29.71 dBm	-16.71 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-26.84 dBm	-16.84 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-24.22 dBm	-14.22 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51196 GHz	2.76 dBm	-27.24 dB

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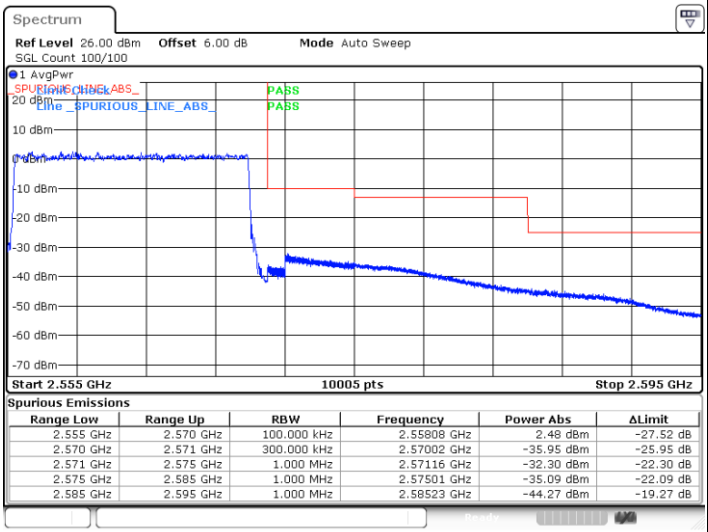
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55808 GHz	2.48 dBm	-27.52 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-35.95 dBm	-25.95 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57116 GHz	-32.30 dBm	-22.30 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57501 GHz	-35.09 dBm	-22.09 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58523 GHz	-44.27 dBm	-19.27 dB

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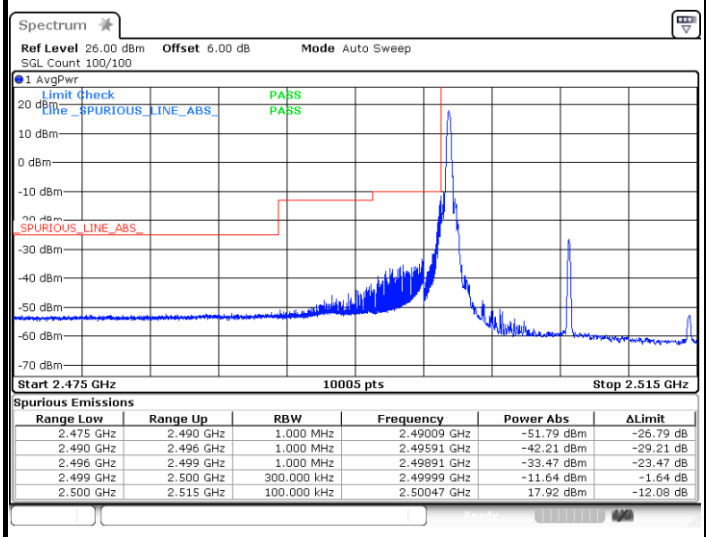
FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49009 GHz	-51.79 dBm	-26.79 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-42.21 dBm	-29.21 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49891 GHz	-33.47 dBm	-23.47 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-11.64 dBm	-1.64 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50047 GHz	17.92 dBm	-12.08 dB

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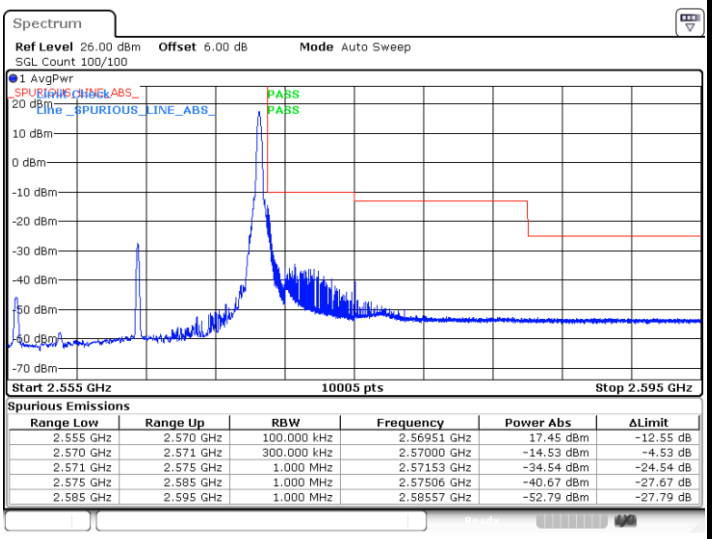
Highest Band Edge / 1RBMAX



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56951 GHz	17.45 dBm	-12.55 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-14.53 dBm	-4.53 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57153 GHz	-34.54 dBm	-24.54 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57506 GHz	-40.67 dBm	-27.67 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58557 GHz	-52.79 dBm	-27.79 dB

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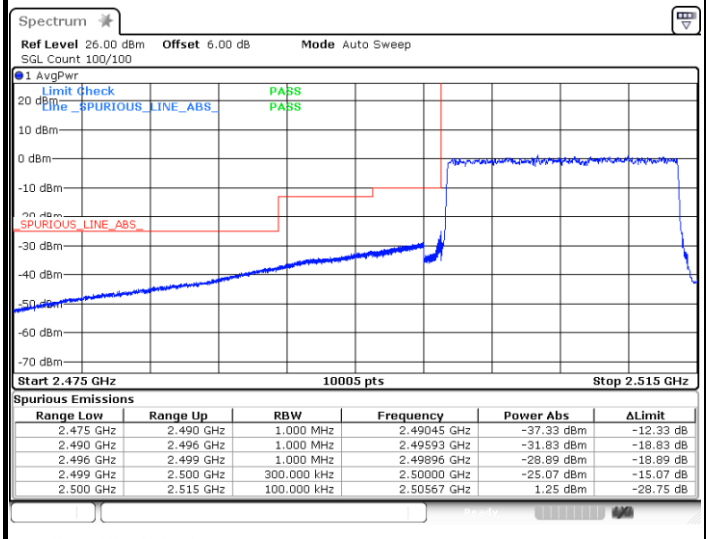
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-37.33 dBm	-12.33 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-31.83 dBm	-18.83 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-28.89 dBm	-18.89 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-25.07 dBm	-15.07 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50567 GHz	1.25 dBm	-28.75 dB

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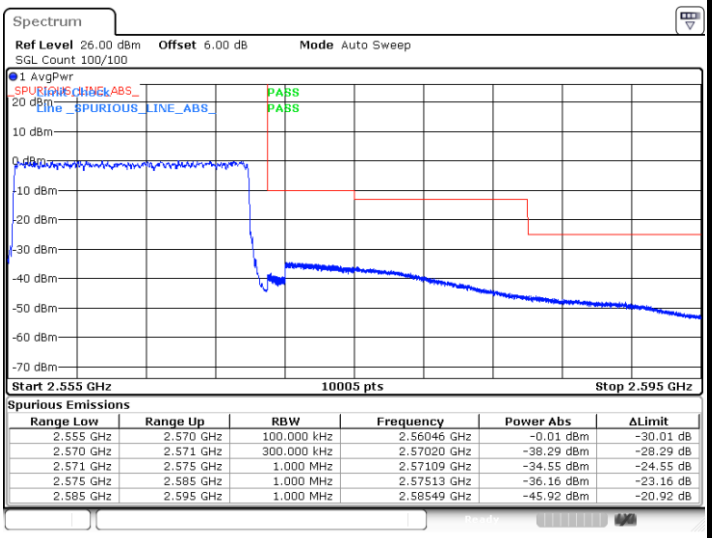
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56046 GHz	-0.01 dBm	-30.01 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57020 GHz	-38.29 dBm	-28.29 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-34.55 dBm	-24.55 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57513 GHz	-36.16 dBm	-23.16 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58549 GHz	-45.92 dBm	-20.92 dB

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