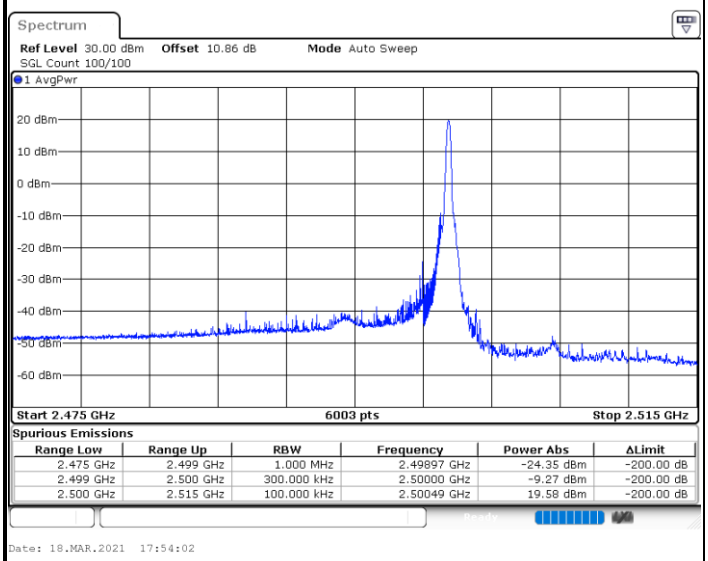
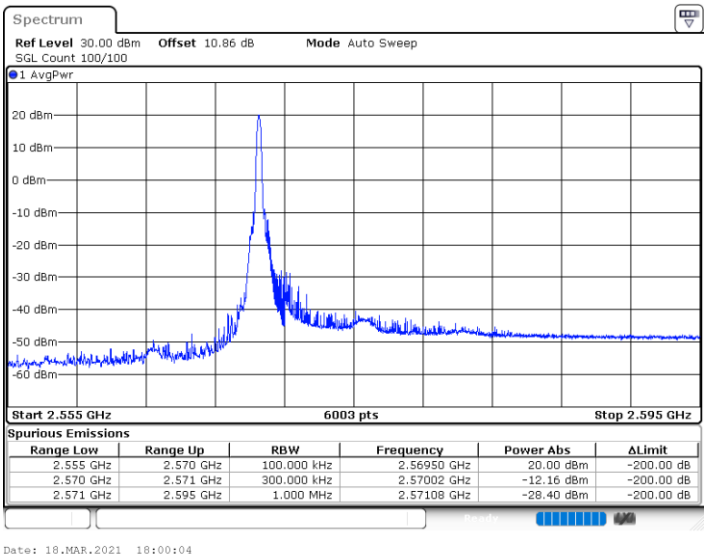
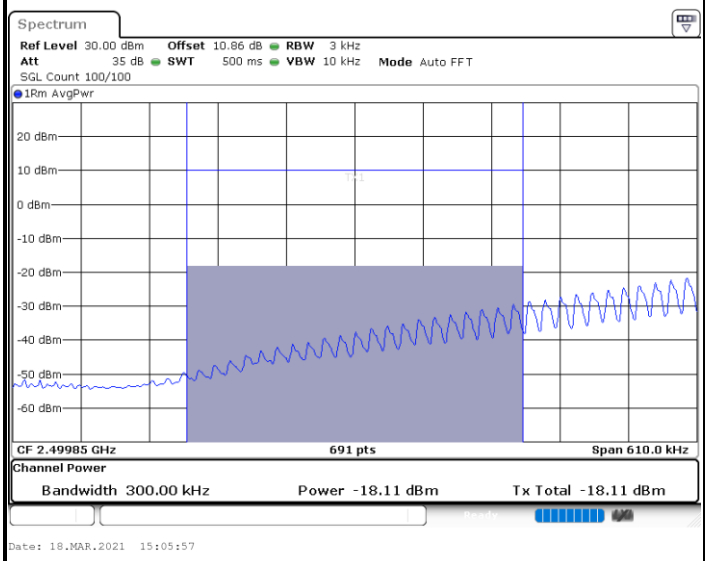
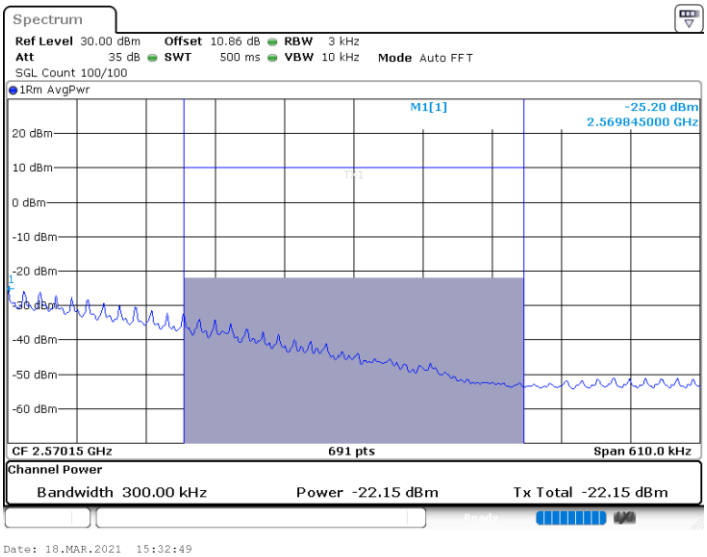
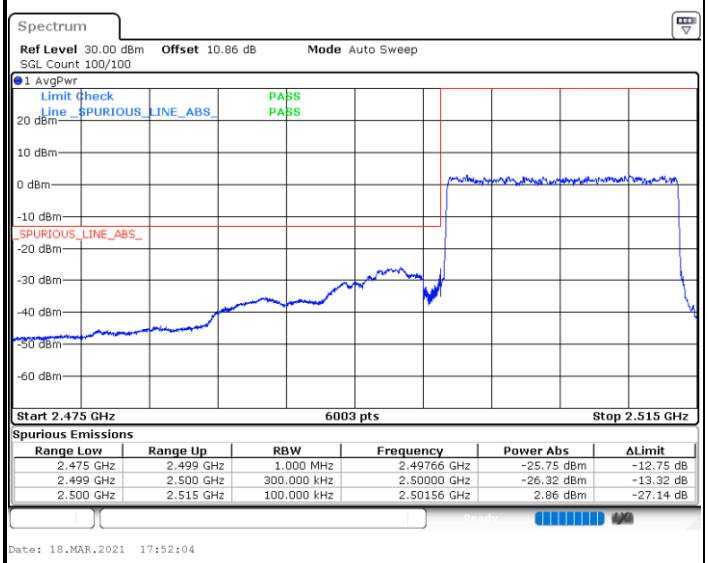
FR1 n7 / 15MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -18.11dBm < -13dBm (Pass)	**Channel Power -22.15dBm < -13dBm (Pass)**
	

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.499 GHz	1.000 MHz	2.49766 GHz	-25.75 dBm	-12.75 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-26.32 dBm	-13.32 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50156 GHz	2.86 dBm	-27.14 dB

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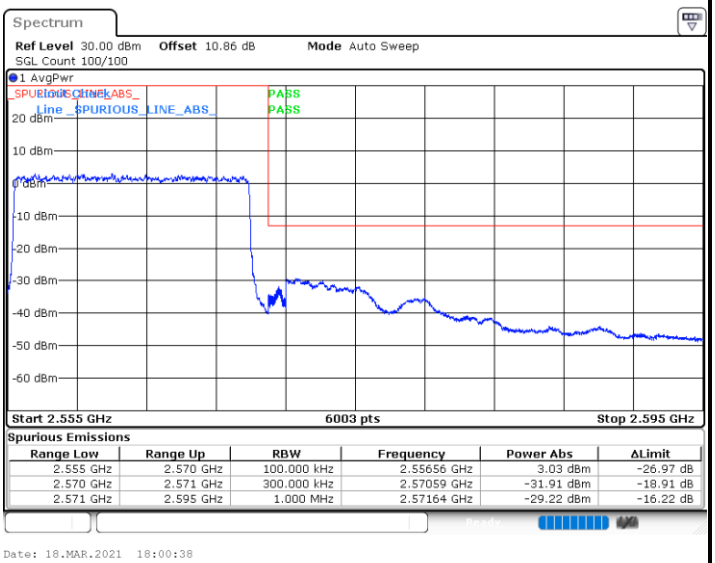

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55656 GHz	3.03 dBm	-26.97 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57059 GHz	-31.91 dBm	-18.91 dB
2.571 GHz	2.595 GHz	1.000 MHz	2.57164 GHz	-29.22 dBm	-16.22 dB

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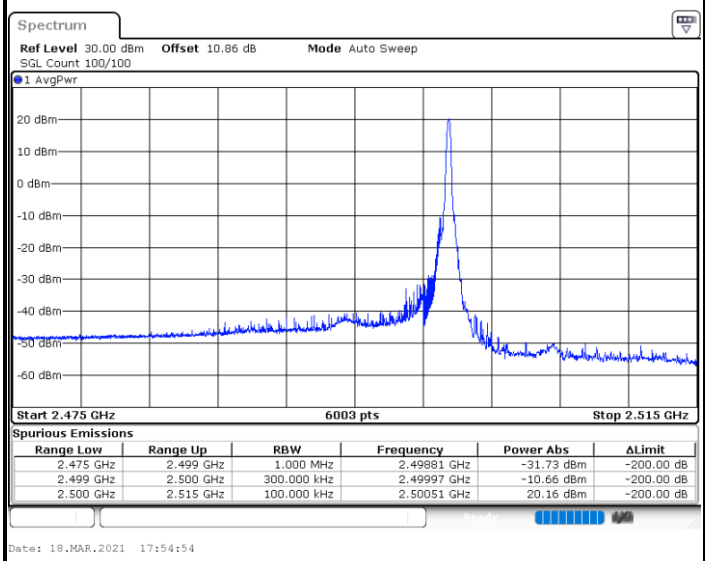
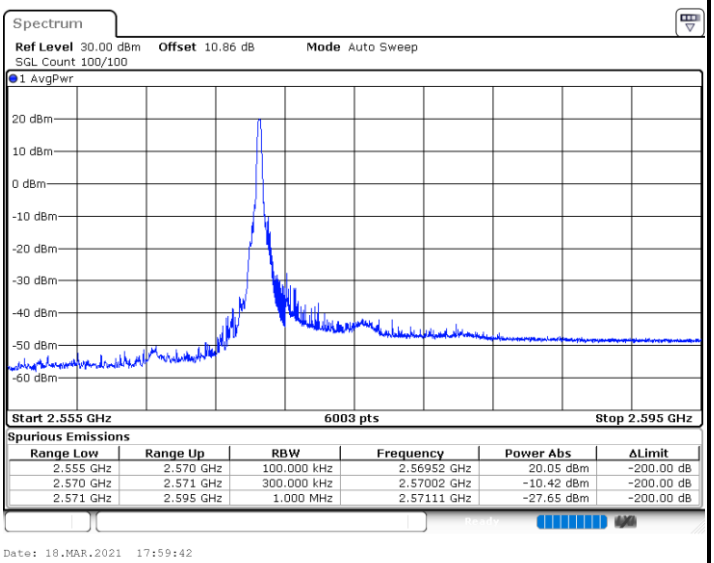
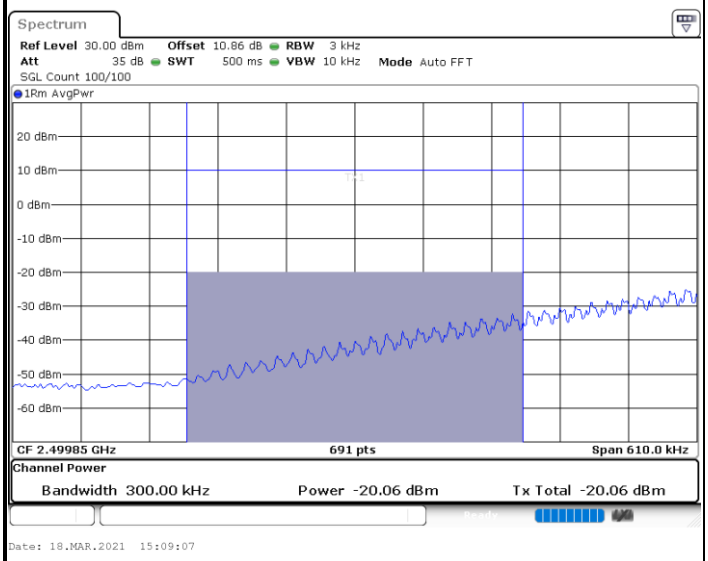
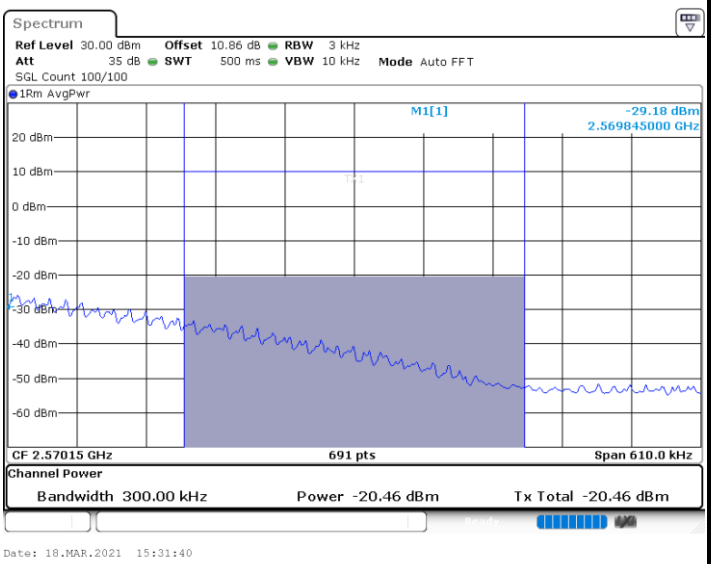
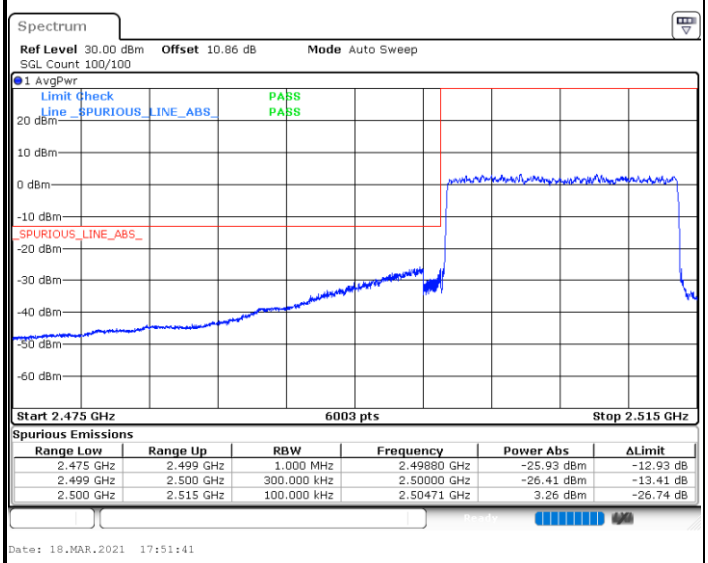
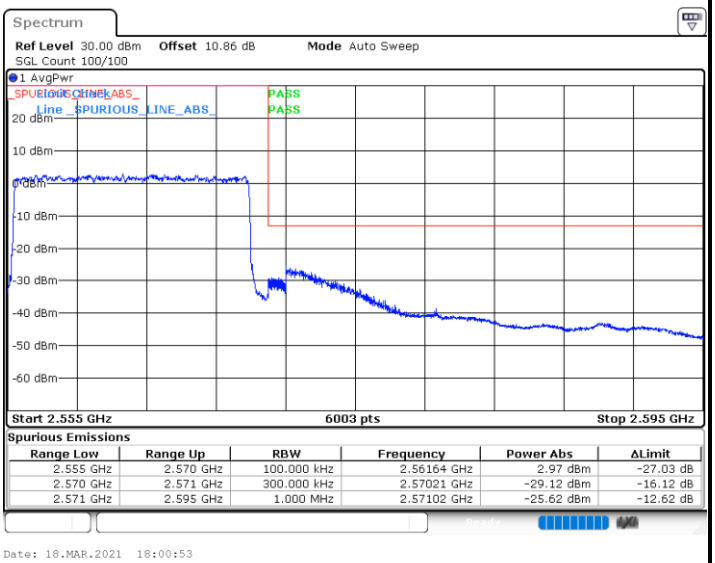
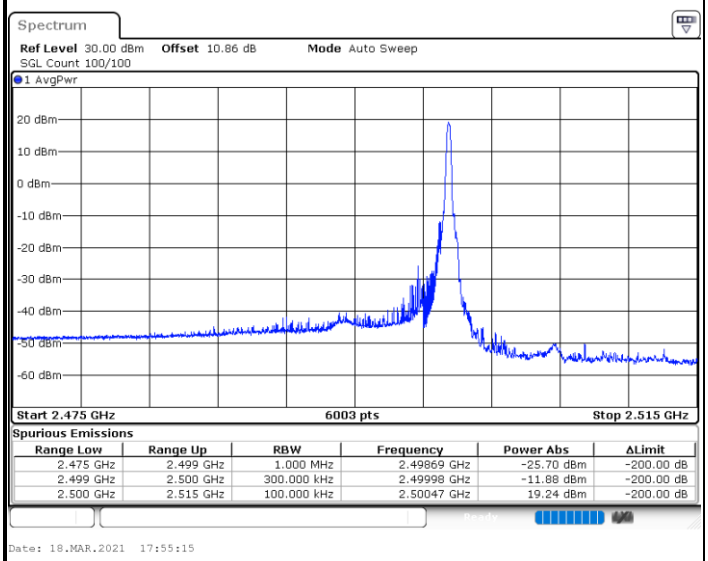
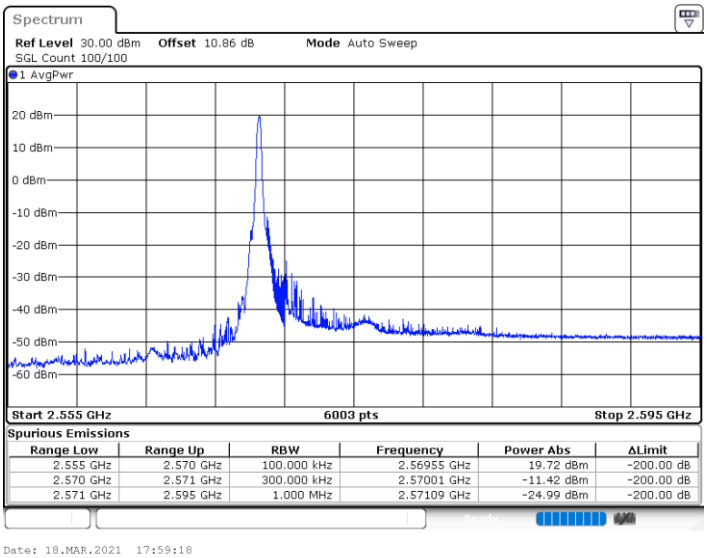
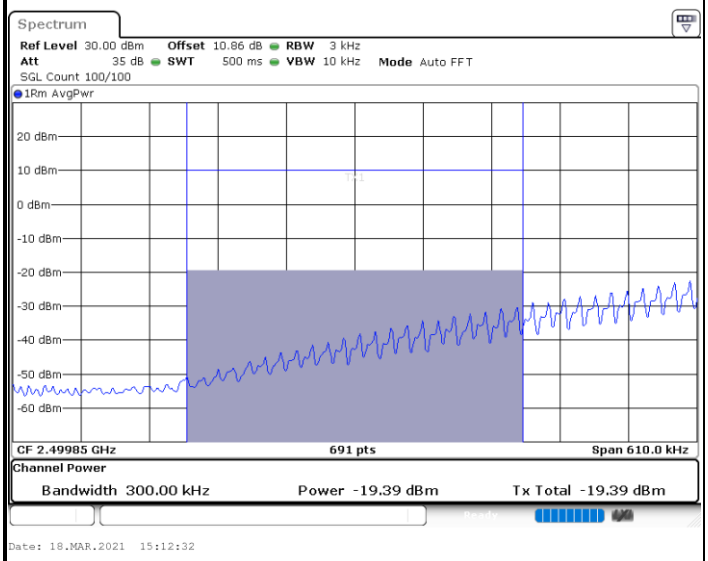
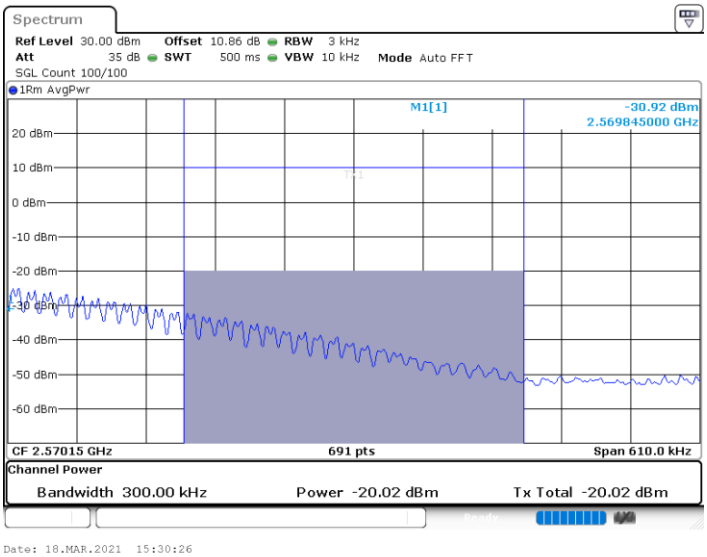
FR1 n7 / 15MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -20.06dBm < -13dBm (Pass)	**Channel Power -20.46dBm < -13dBm (Pass)**
	

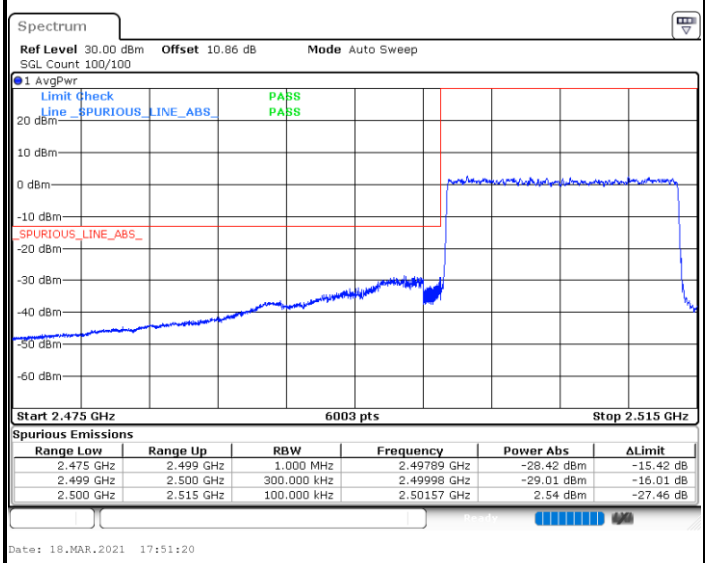
Lowest Band Edge / Full RB	Highest Band Edge / Full RB

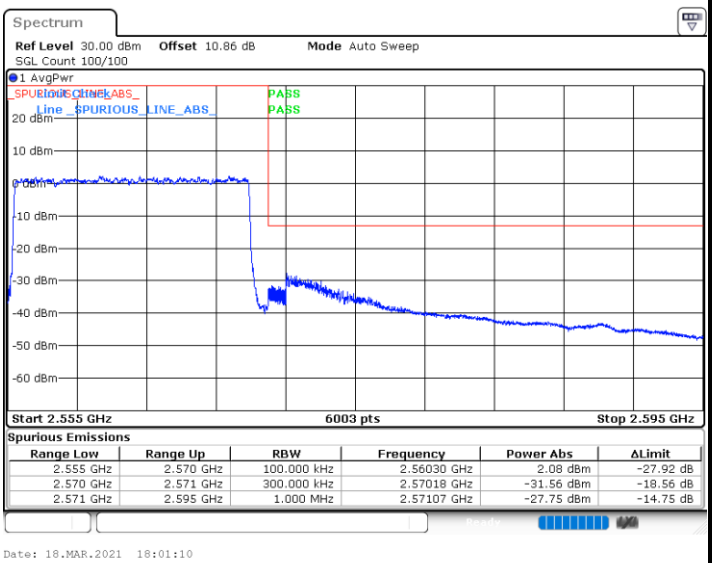


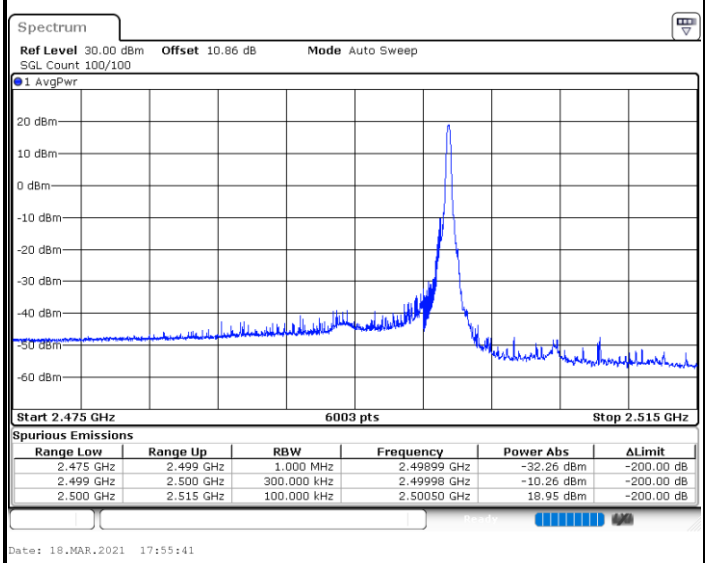
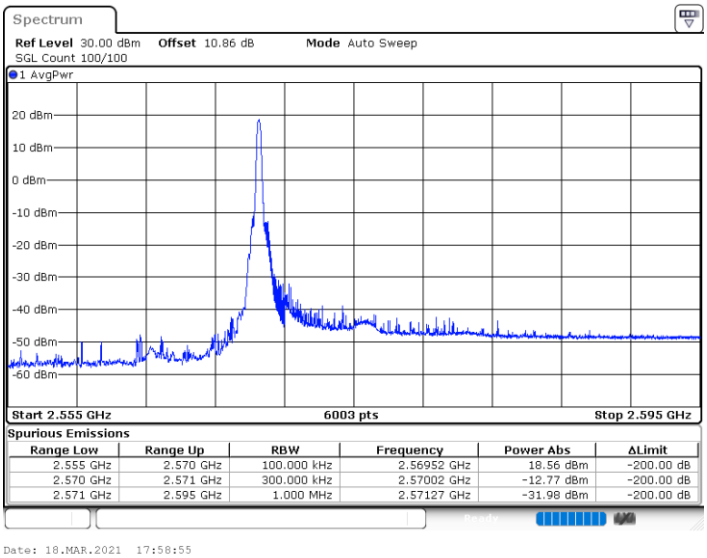
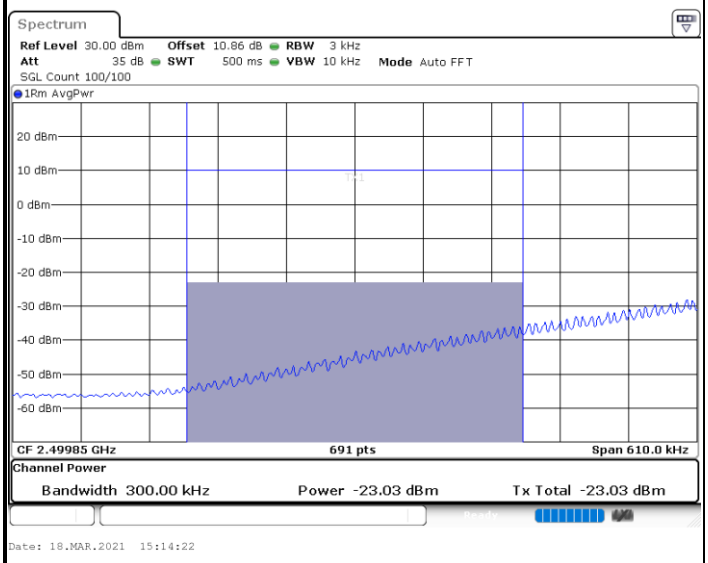
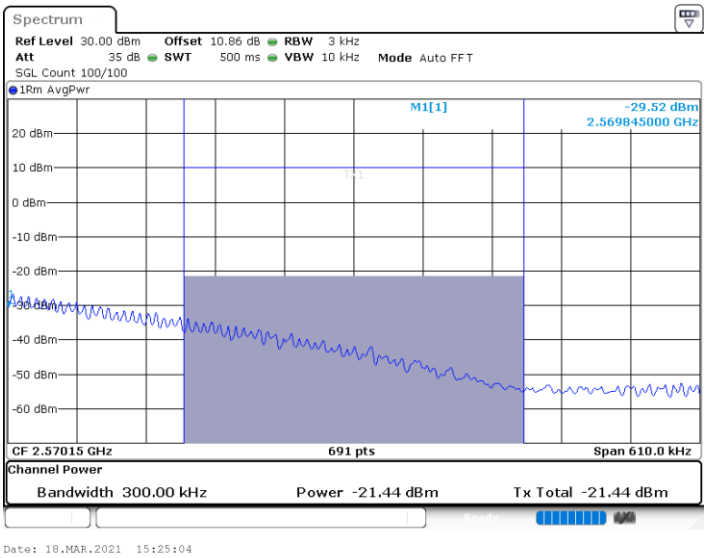


FR1 n7 / 15MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -19.39dBm < -13dBm (Pass)	**Channel Power -20.02dBm < -13dBm (Pass)**
	

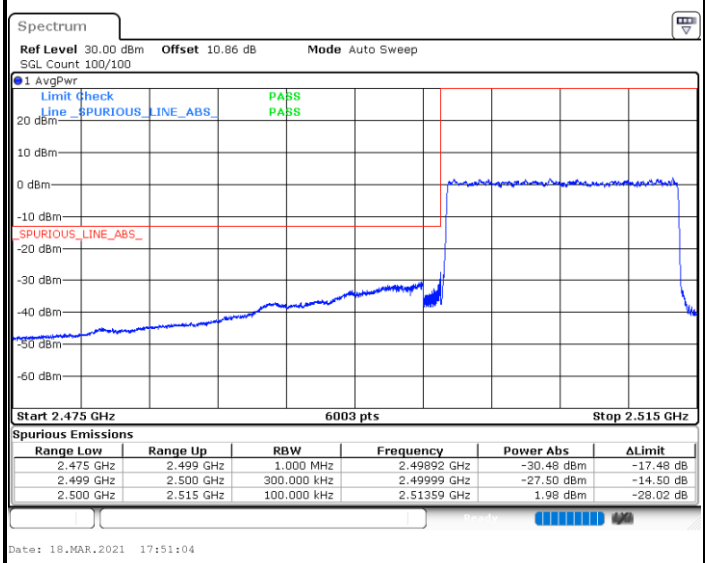
Lowest Band Edge / Full RB	Highest Band Edge / Full RB





FR1 n7 / 15MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -23.03dBm < -13dBm (Pass)	**Channel Power -21.44dBm < -13dBm (Pass)**
	

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-30.48 dBm	-17.48 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49999 GHz	-27.50 dBm	-14.50 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51359 GHz	1.98 dBm	-28.02 dB

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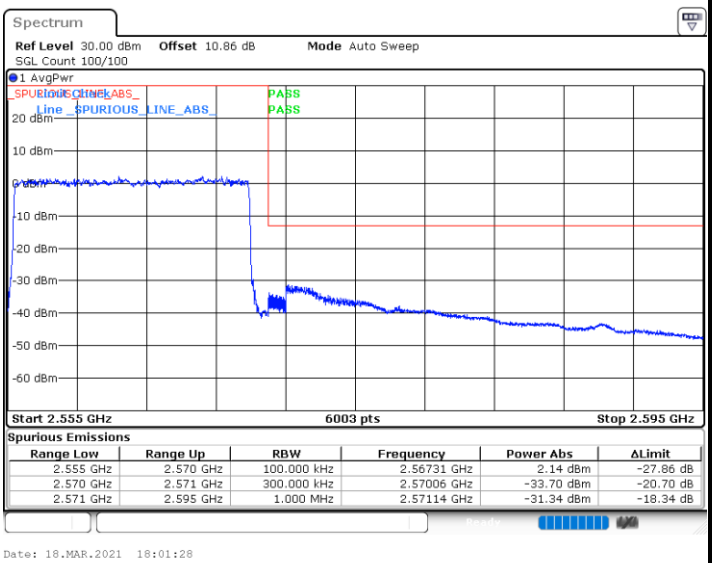

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56731 GHz	2.14 dBm	-27.86 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-33.70 dBm	-20.70 dB
2.571 GHz	2.595 GHz	1.000 MHz	2.57114 GHz	-31.34 dBm	-18.34 dB

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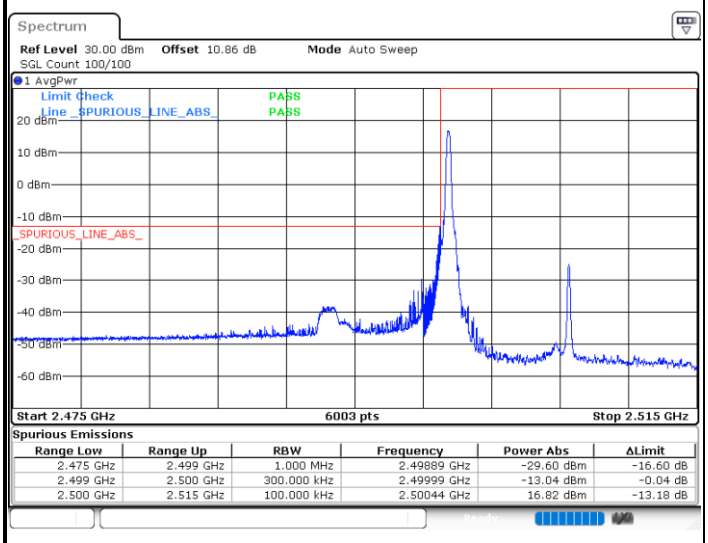
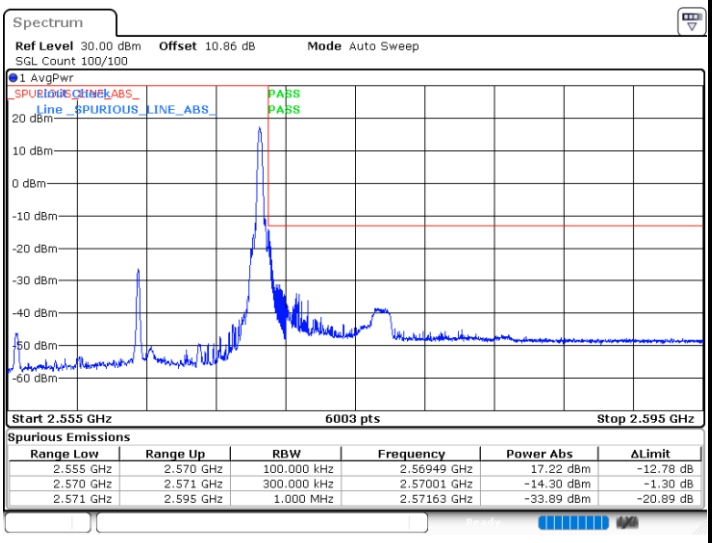
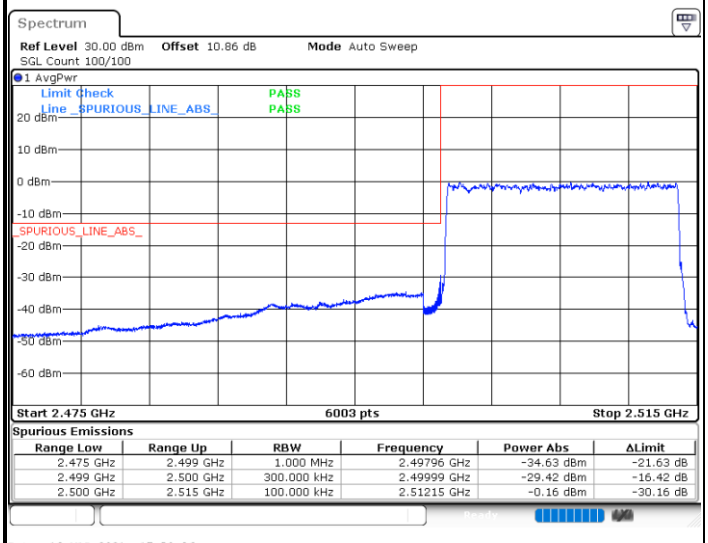
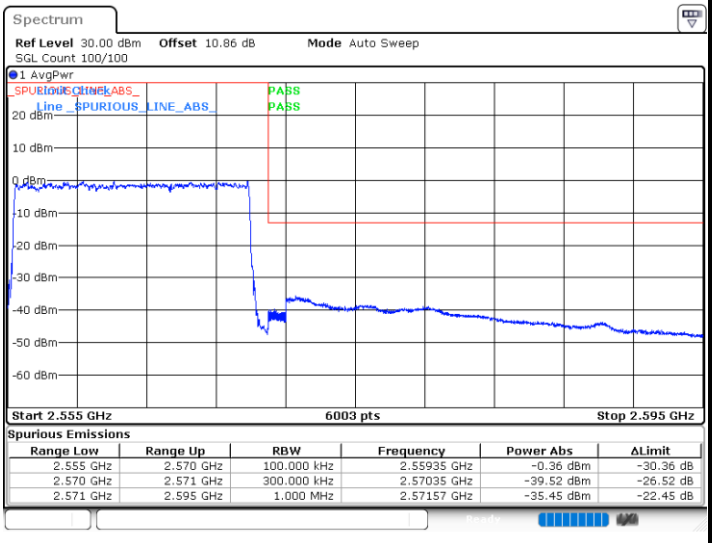
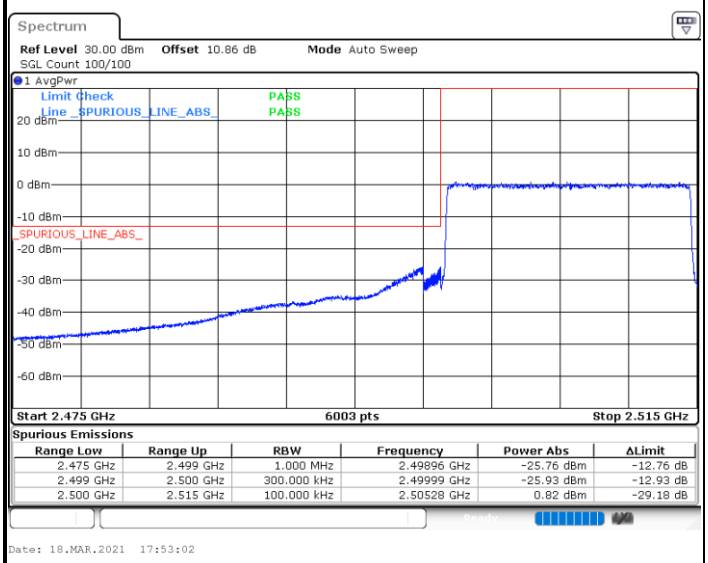
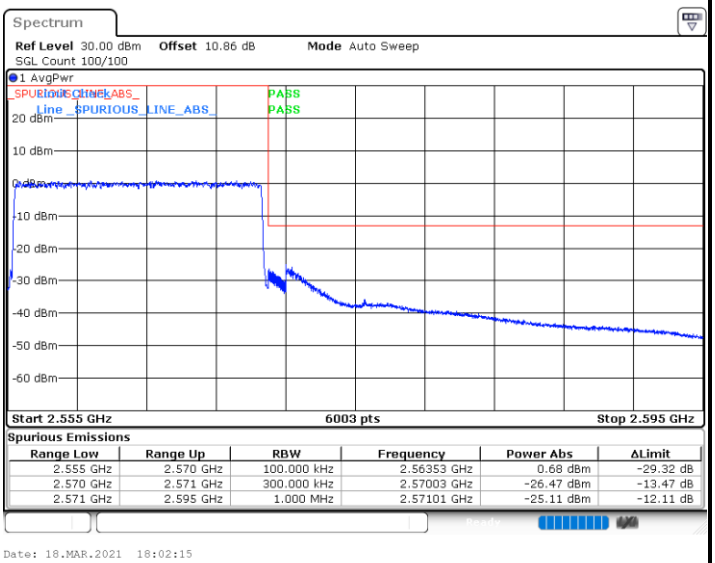
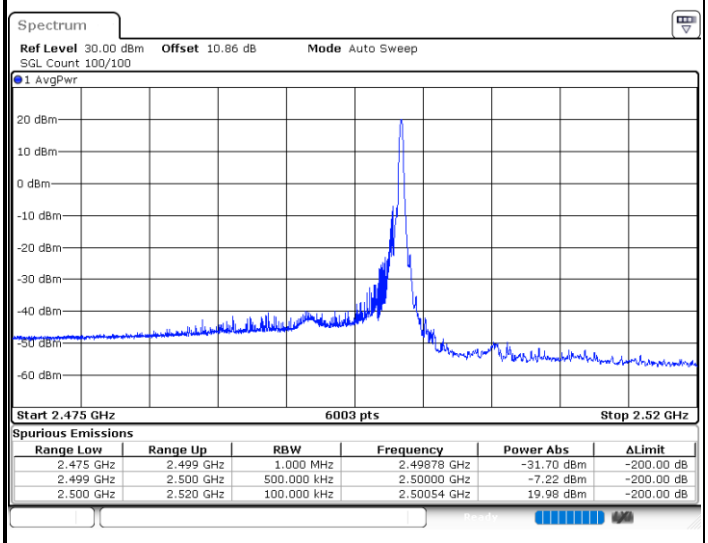
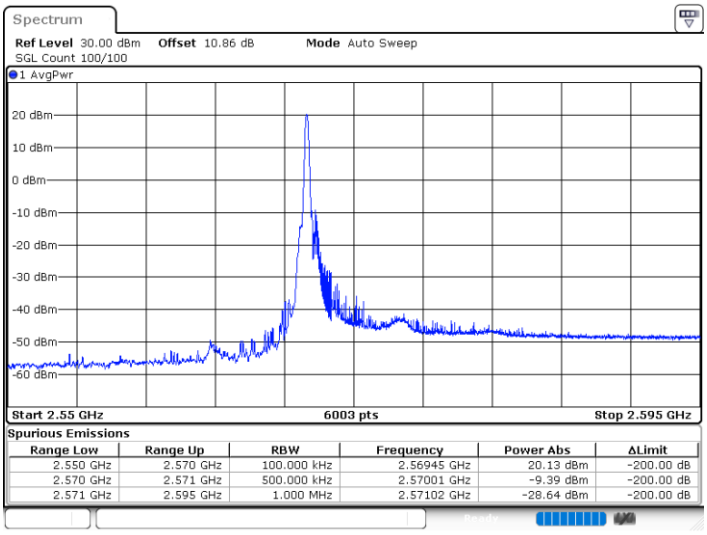
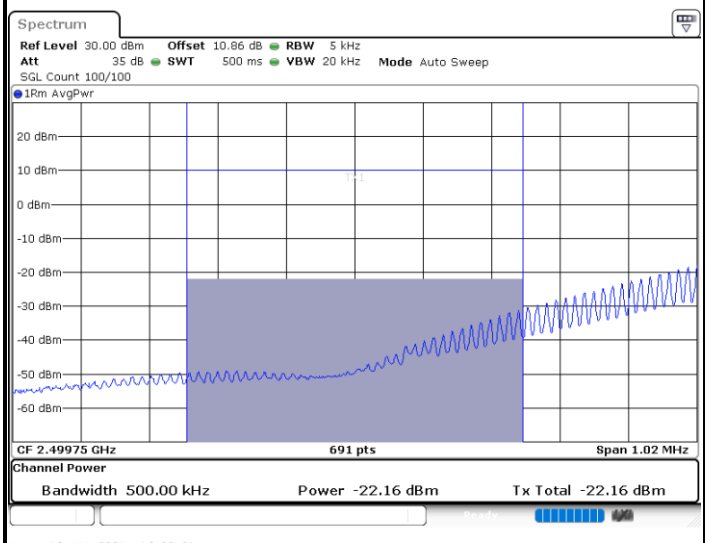
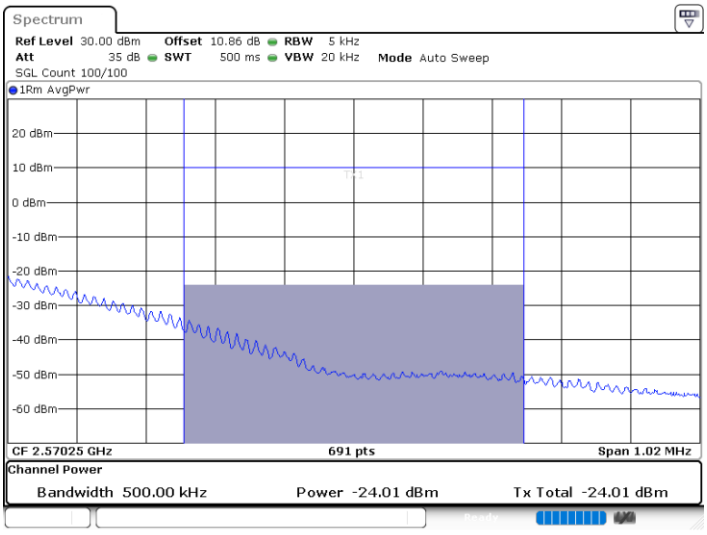
FR1 n7 / 15MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

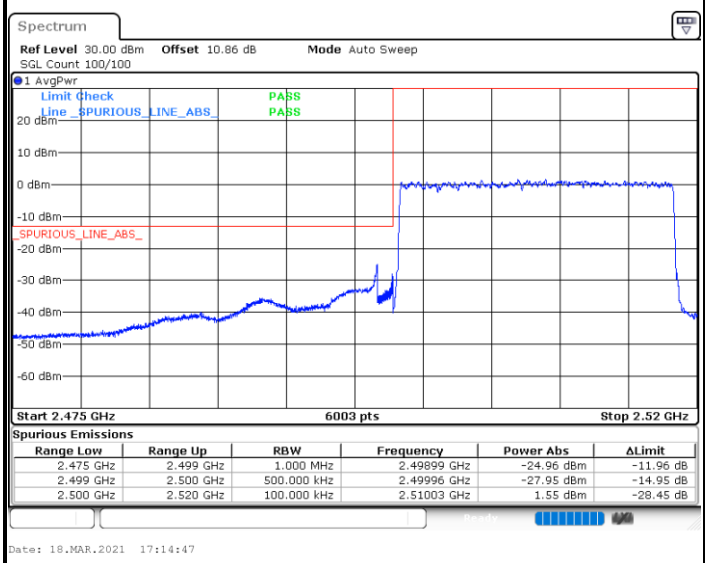
FR1 n7 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**





FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -22.16dBm < -13dBm (Pass)	**Channel Power -24.01dBm < -13dBm (Pass)**
	

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-24.96 dBm	-11.96 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49996 GHz	-27.95 dBm	-14.95 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51003 GHz	1.55 dBm	-28.45 dB

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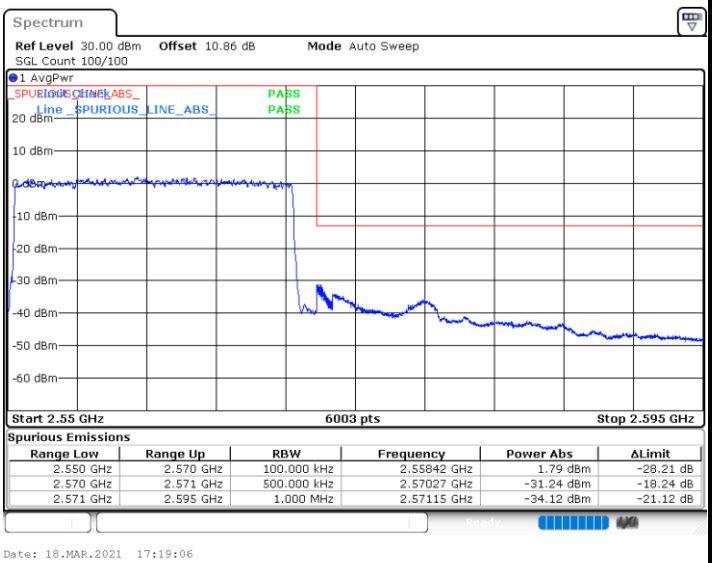

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55842 GHz	1.79 dBm	-28.21 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57027 GHz	-31.24 dBm	-18.24 dB
2.571 GHz	2.595 GHz	1.000 MHz	2.57115 GHz	-34.12 dBm	-21.12 dB

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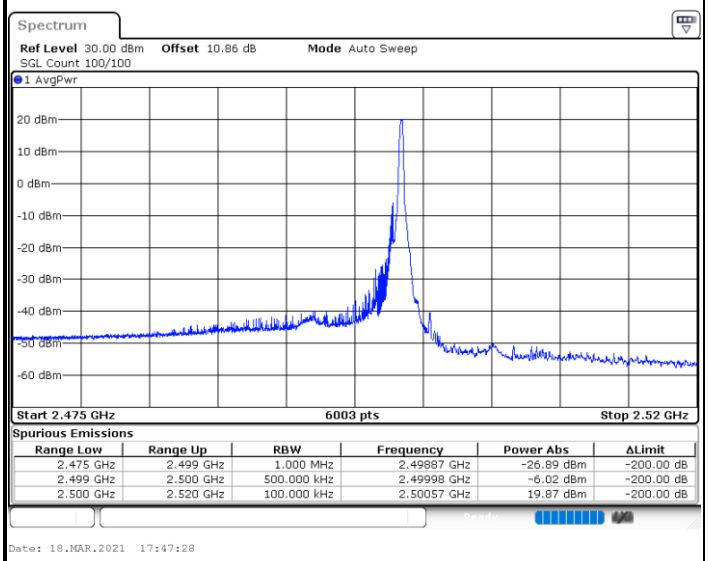
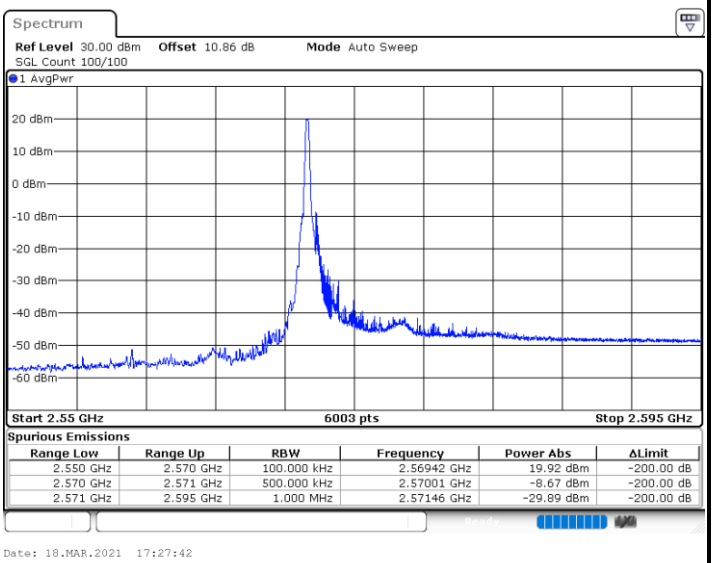
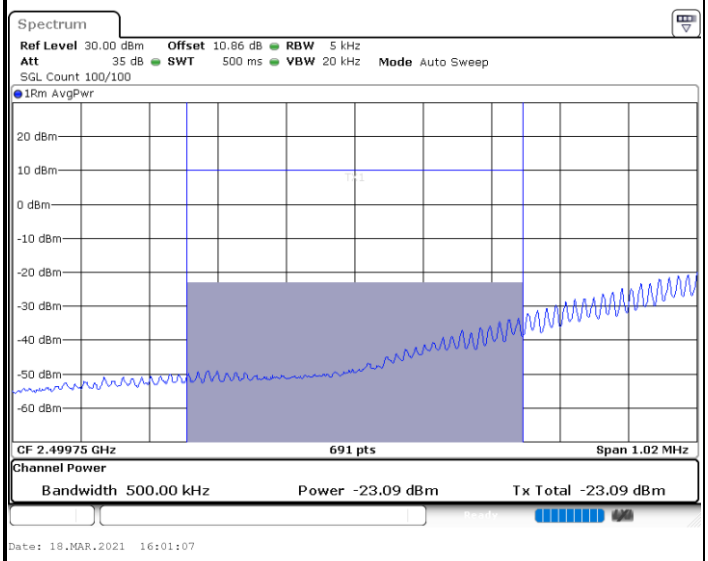
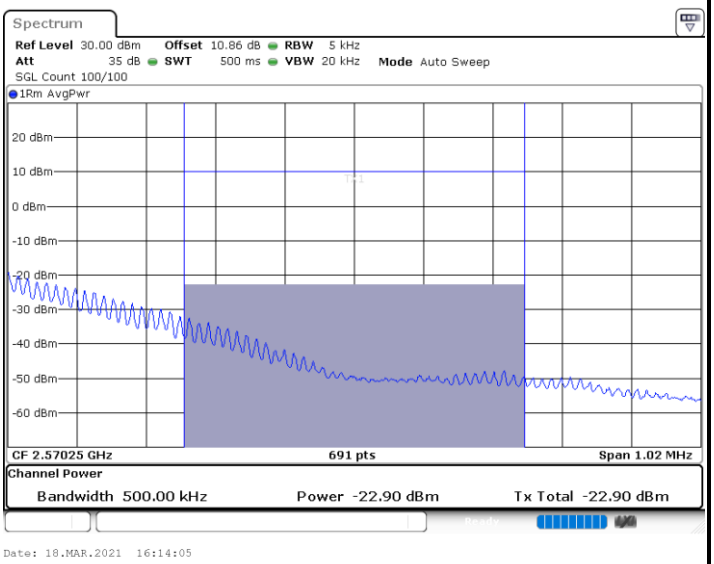
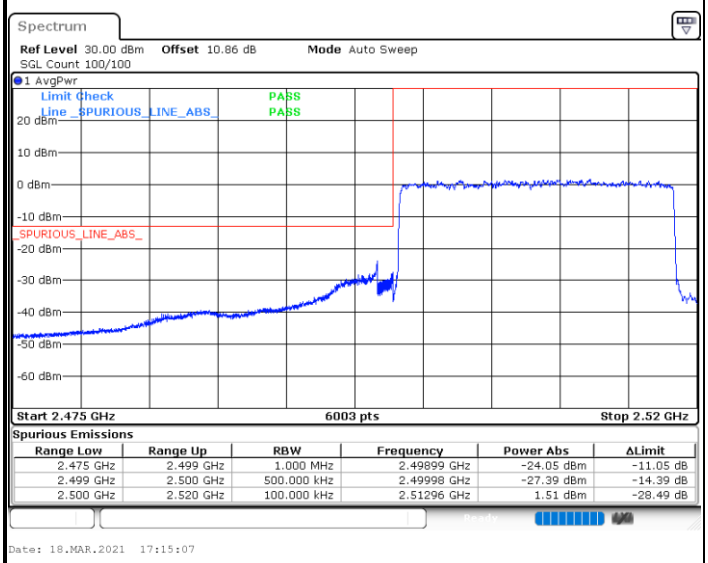
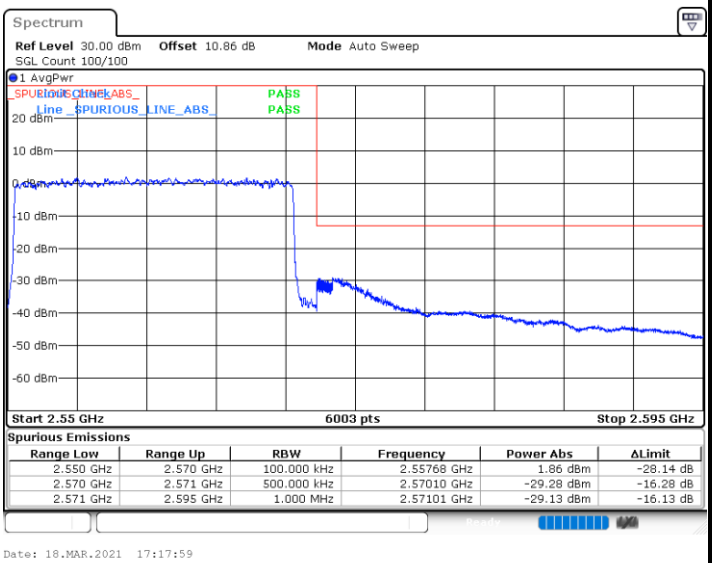
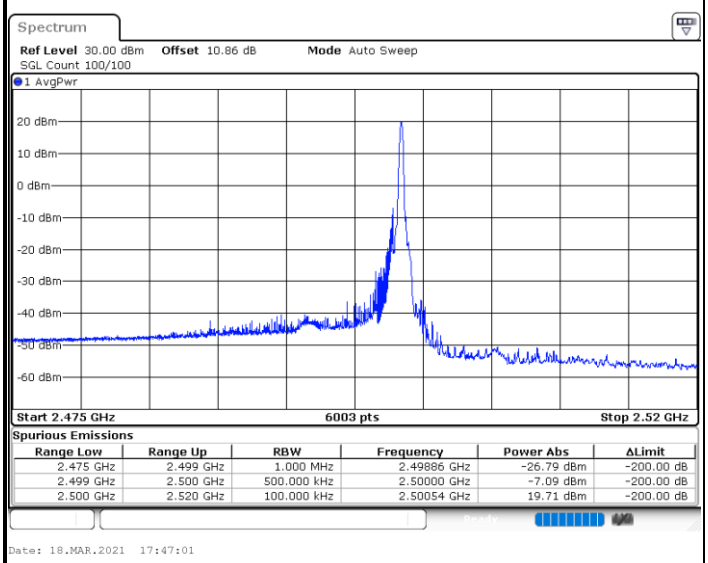
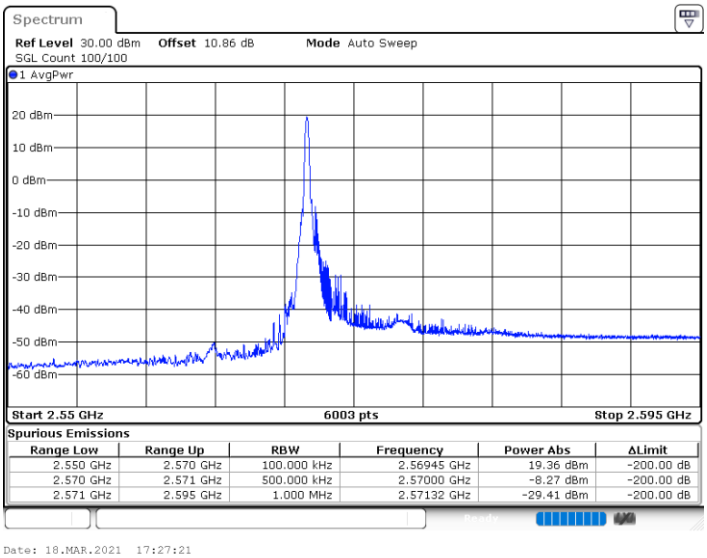
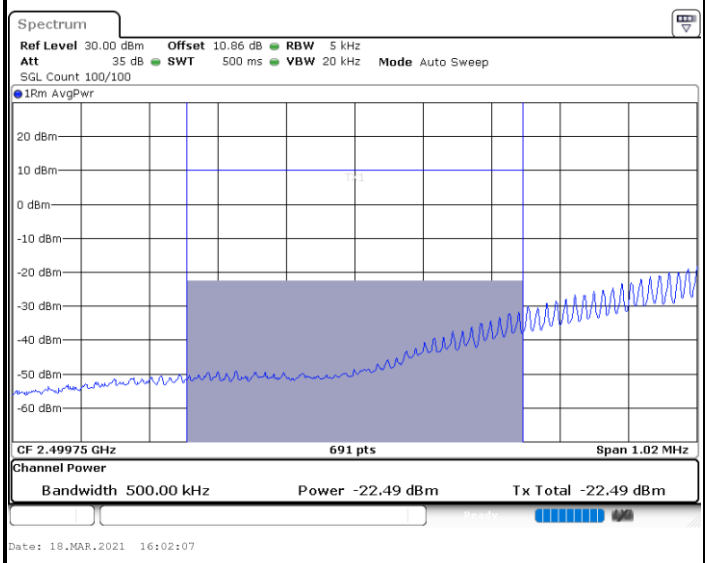
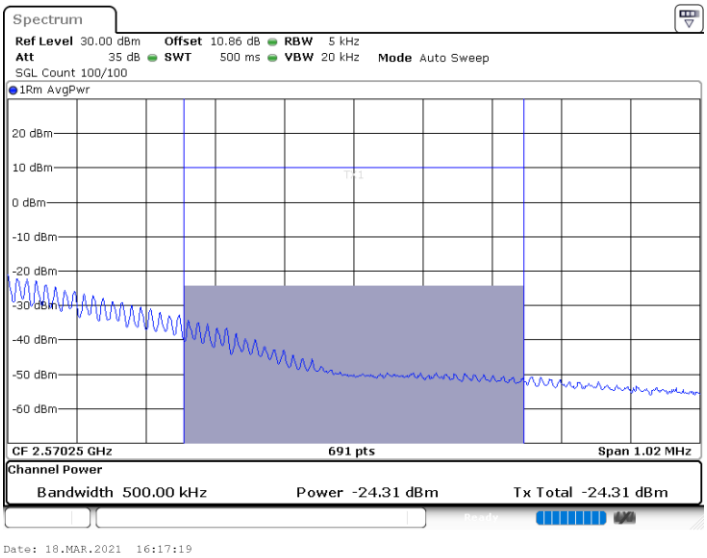
FR1 n7 / 20MHz / DFT-s-OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -23.09dBm < -13dBm (Pass)	**Channel Power -22.90dBm < -13dBm (Pass)**
	

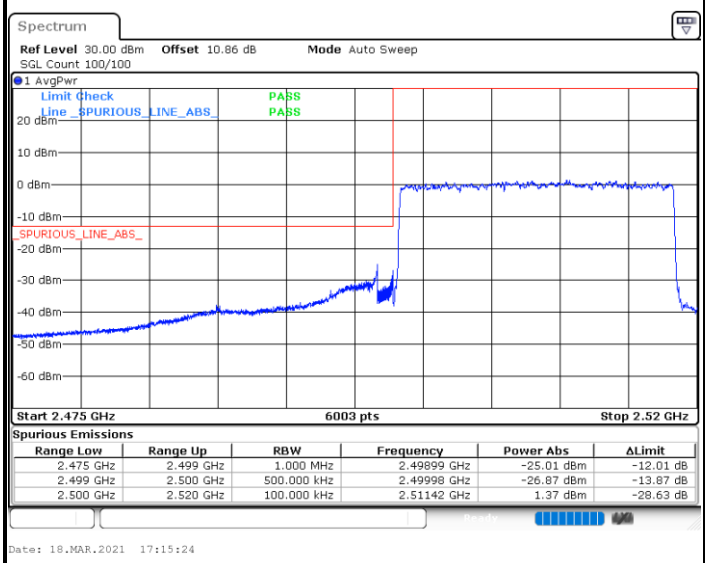
Lowest Band Edge / Full RB	Highest Band Edge / Full RB





FR1 n7 / 20MHz / DFT-s-OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -22.49dBm < -13dBm (Pass)	**Channel Power -24.31dBm < -13dBm (Pass)**
	

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-25.01 dBm	-12.01 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49998 GHz	-26.87 dBm	-13.87 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51142 GHz	1.37 dBm	-28.63 dB

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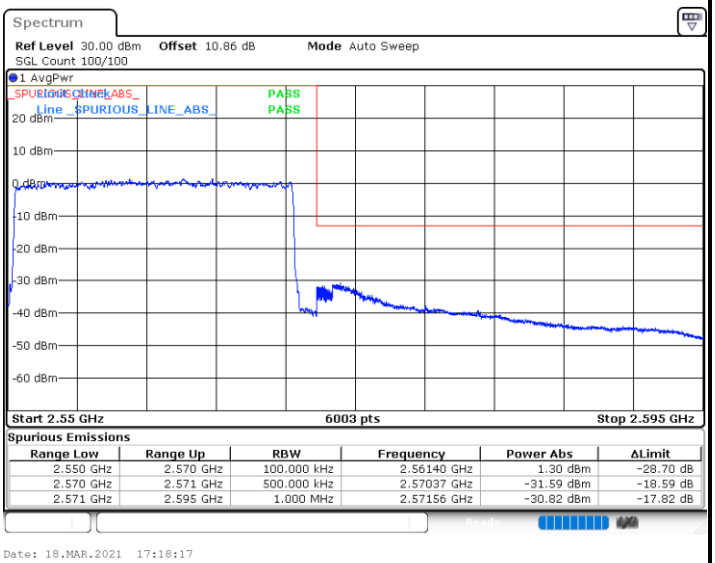
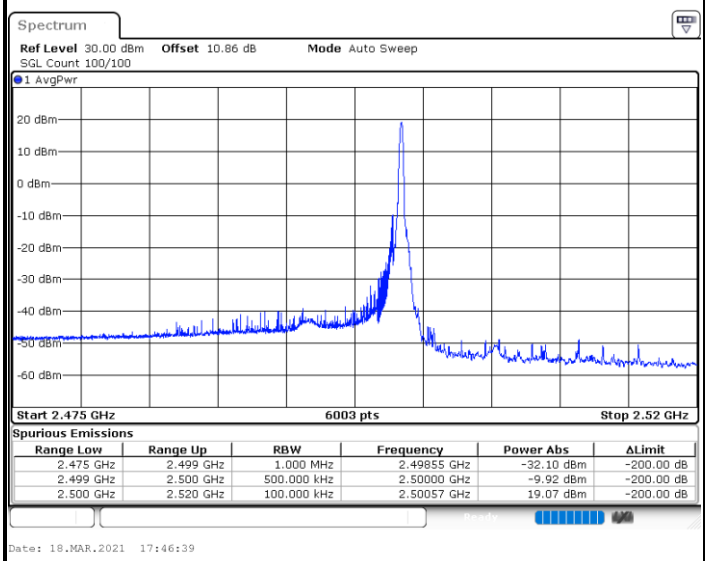
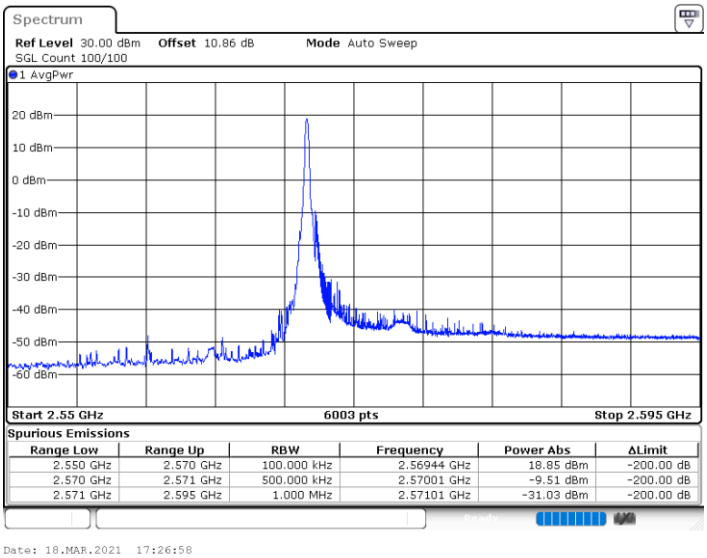
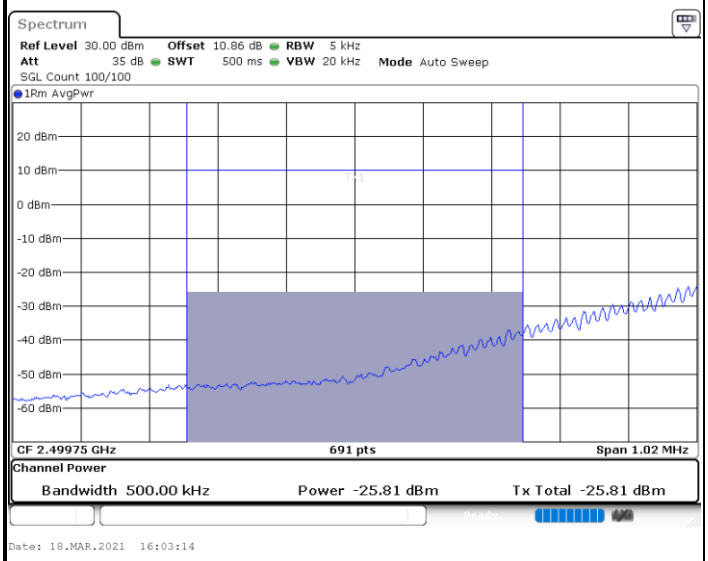
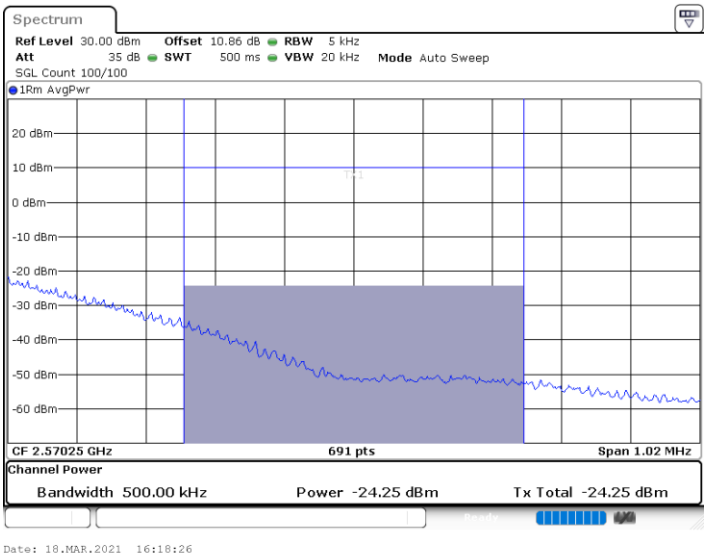


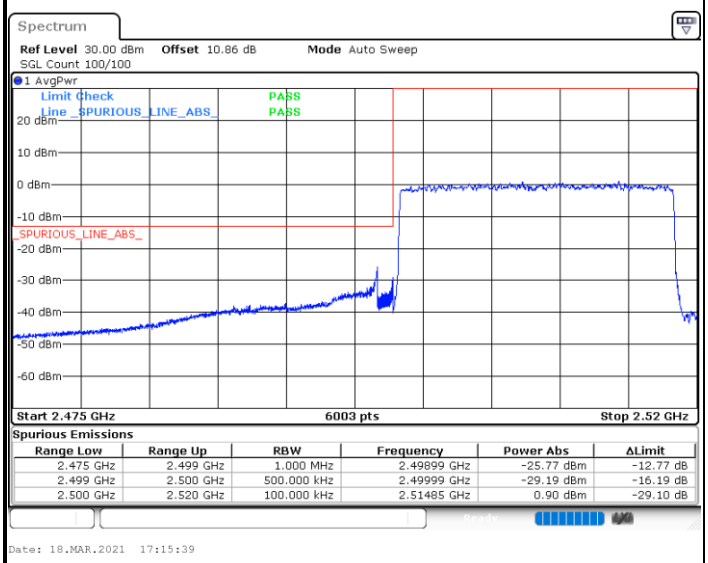
Spurious Emissions

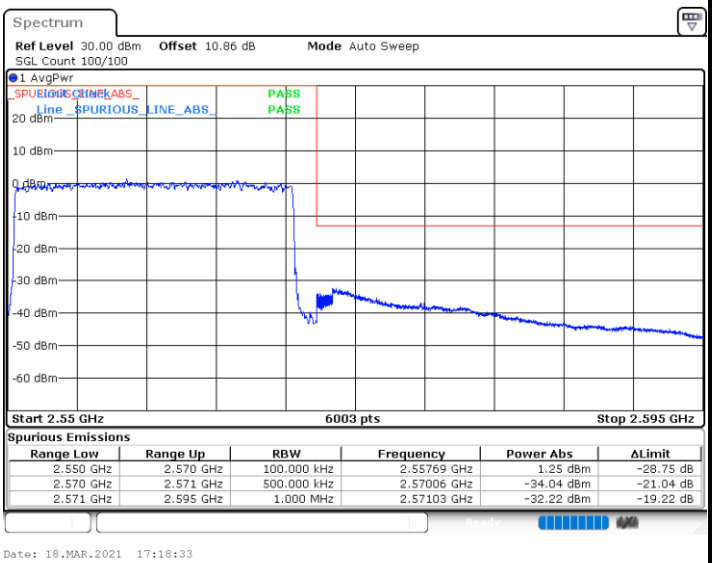
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56140 GHz	1.30 dBm	-28.70 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57037 GHz	-31.59 dBm	-18.59 dB
2.571 GHz	2.595 GHz	1.000 MHz	2.57156 GHz	-30.82 dBm	-17.82 dB

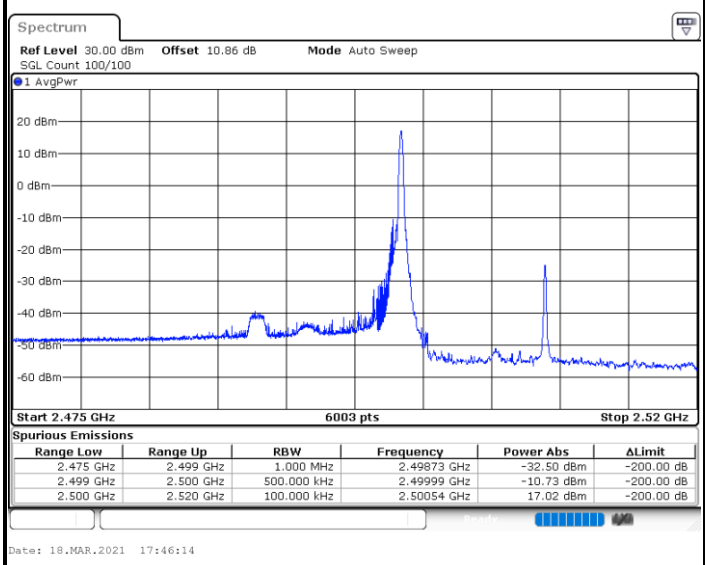
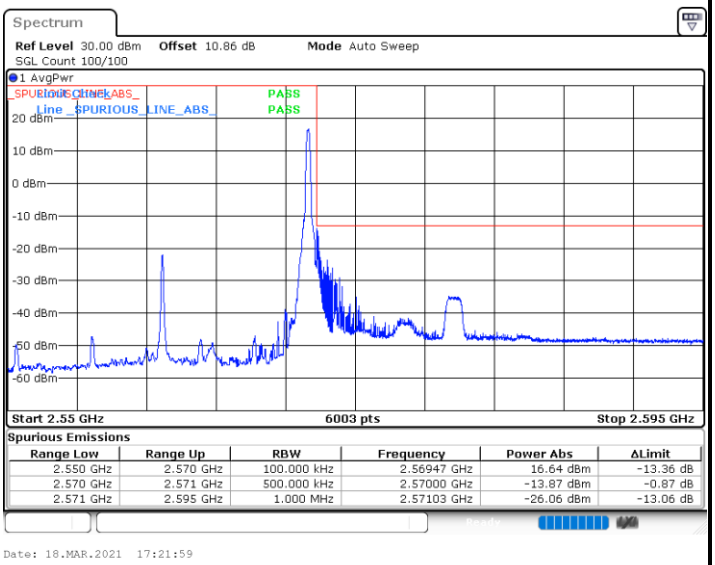
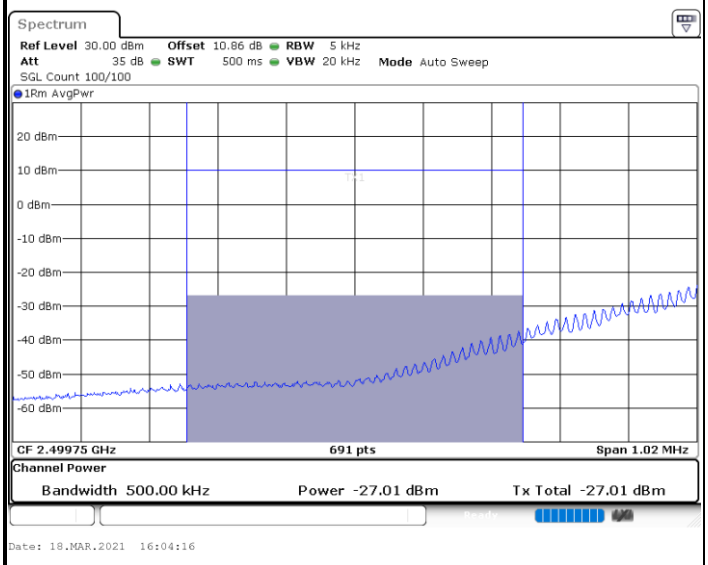
Date: 18.MAR.2021 17:18:17

FR1 n7 / 20MHz / DFT-s-OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -24.81dBm < -13dBm (Pass)	**Channel Power -24.25dBm < -13dBm (Pass)**
	

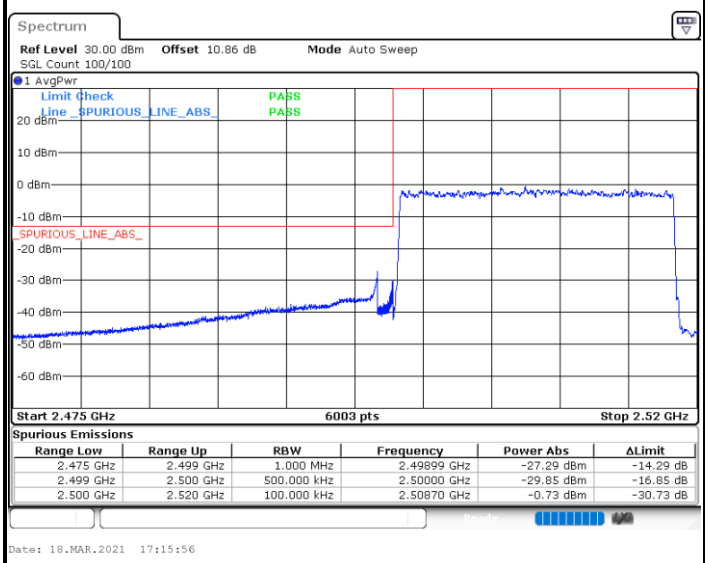
Lowest Band Edge / Full RB	Highest Band Edge / Full RB

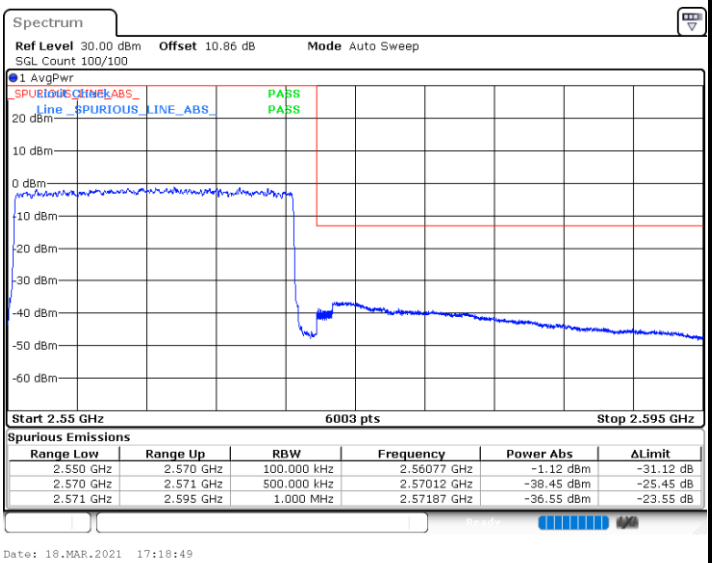




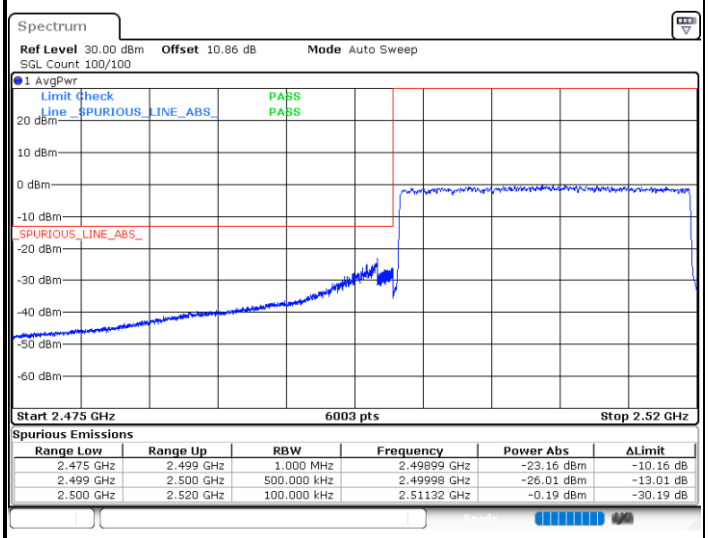
FR1 n7 / 20MHz / DFT-s-OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Channel Power -27.01dBm < -13dBm (Pass)	
	

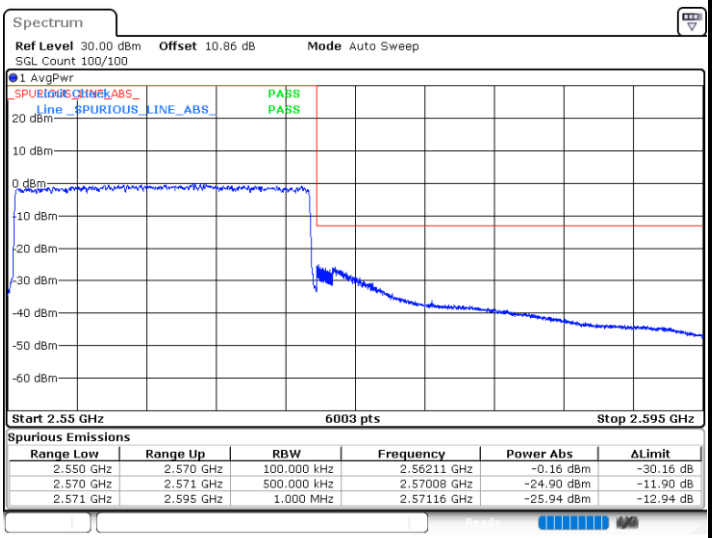
Lowest Band Edge / Full RB	Highest Band Edge / Full RB





FR1 n7 / 20MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

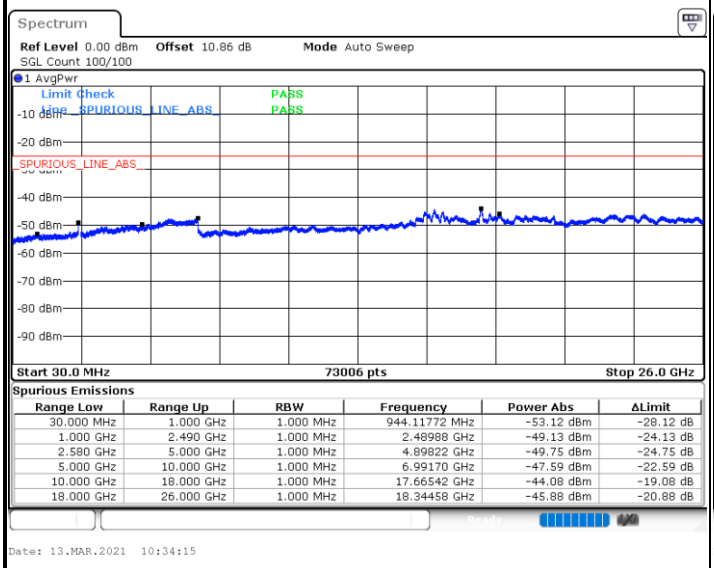




Conducted Spurious Emission

FR1 n7 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

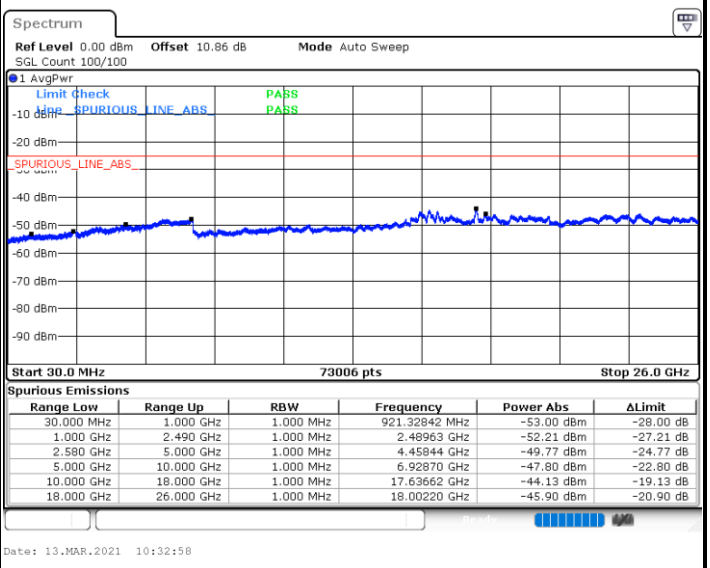


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	944.11772 MHz	-53.12 dBm	-28.12 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48988 GHz	-49.13 dBm	-24.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.89822 GHz	-49.75 dBm	-24.75 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99170 GHz	-47.59 dBm	-22.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.66542 GHz	-44.08 dBm	-19.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.34458 GHz	-45.88 dBm	-20.88 dB

Date: 13.MAR.2021 10:34:15

Middle Channel

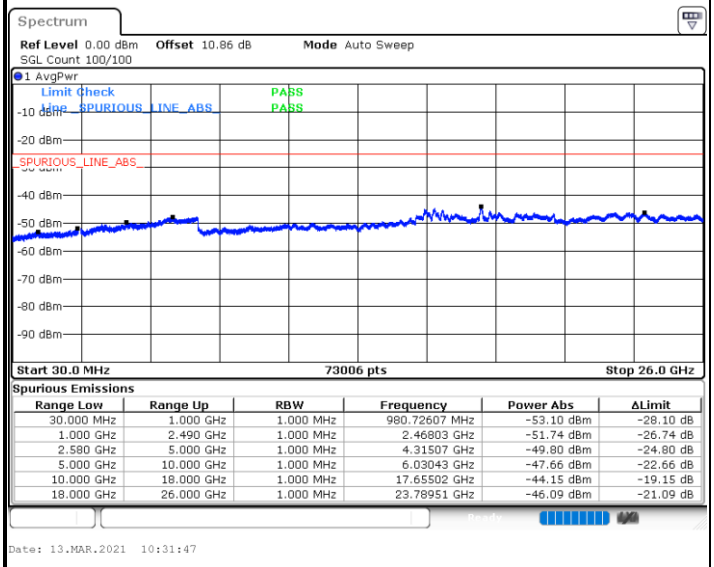


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	921.32842 MHz	-53.00 dBm	-28.00 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48963 GHz	-52.21 dBm	-27.21 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.45844 GHz	-49.77 dBm	-24.77 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.92870 GHz	-47.80 dBm	-22.80 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.63662 GHz	-44.13 dBm	-19.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.00220 GHz	-45.90 dBm	-20.90 dB

Date: 13.MAR.2021 10:32:58

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.72607 MHz	-53.10 dBm	-28.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46803 GHz	-51.74 dBm	-26.74 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.31507 GHz	-49.80 dBm	-24.80 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.03043 GHz	-47.66 dBm	-22.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.65502 GHz	-44.15 dBm	-19.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	23.78951 GHz	-46.09 dBm	-21.09 dB

Date: 13.MAR.2021 10:31:47

Frequency Stability

Test Conditions		FR1 n7 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0057	

Note:

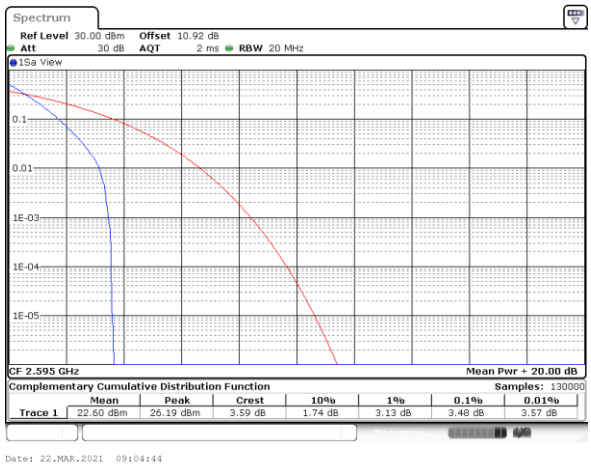
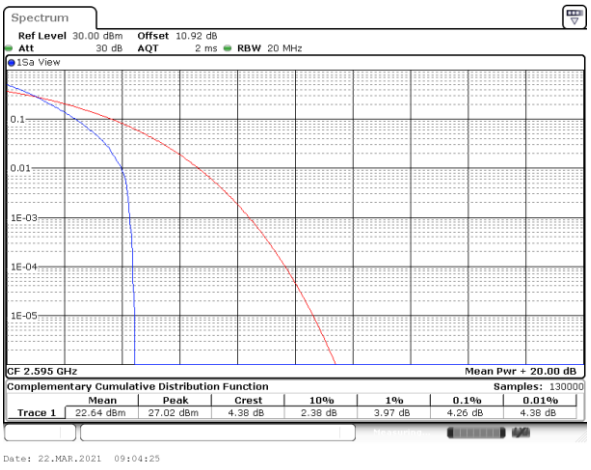
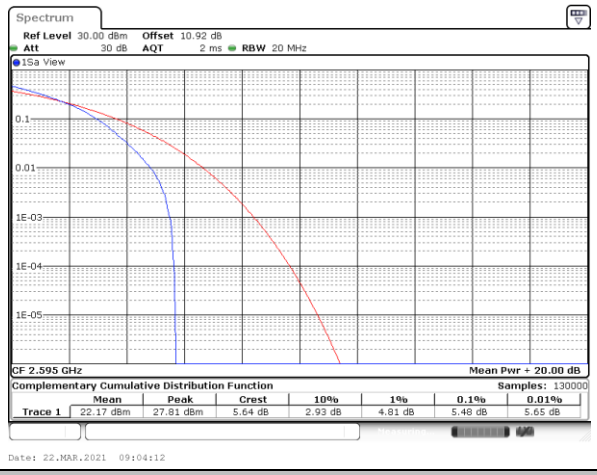
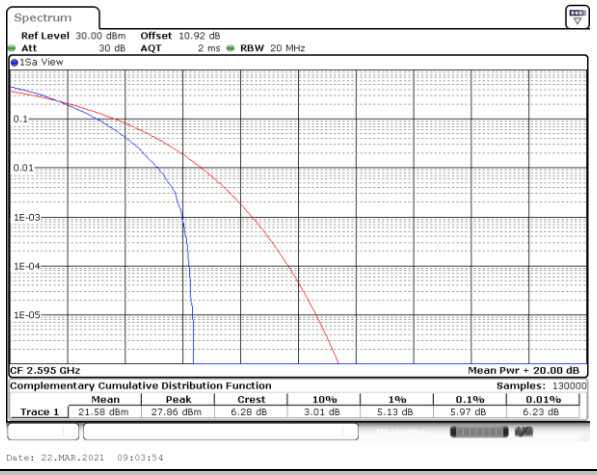
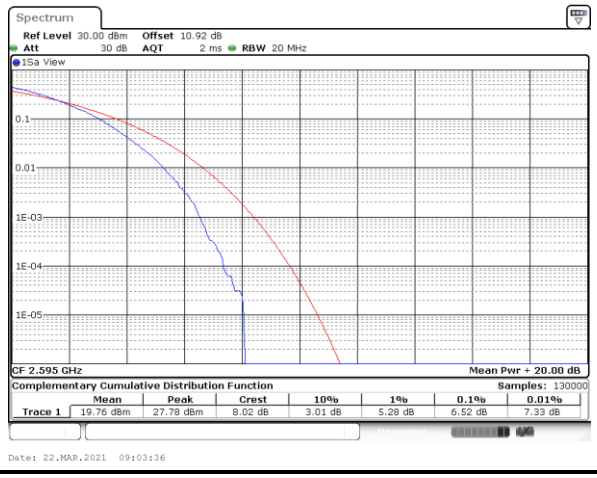
1. Normal Voltage =48 V.；Battery End Point (BEP) =43 V.；Maximum Voltage =58 V.

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

FR1 n38

Peak-to-Average Ratio

Mode	FR1 n38 / 20MHz / 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	3.48	4.26	5.48	5.97	PASS
Mode	FR1 n38 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.52				PASS

FR1 n38 / 20MHz / DFT-S OFDM / Middle Channel / Full RB	
PI/2 BPSK	QPSK
	
16QAM	64QAM
	
256QAM	
	

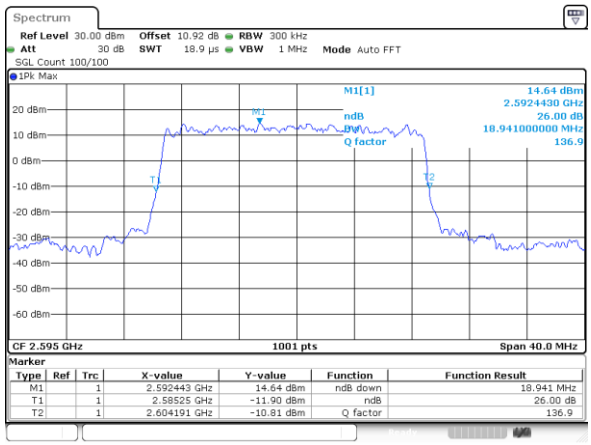
26dB Bandwidth

Mode	FR1 n38 : 26dB BW(MHz) / DFT-S OFDM							
BW	20MHz							
Mod.	PI/2 BPSK							
Middle CH	18.94							

Mode	FR1 n38 : 26dB BW(MHz) / CP OFDM							
BW	20MHz							
Mod.	QPSK	16QAM						
Middle CH	19.62	19.38						
Mod.	64QAM	256QAM						
Middle CH	19.46	19.54						

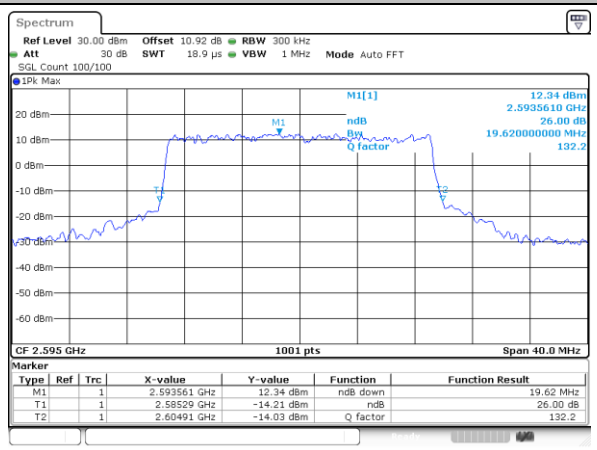
FR1 n38 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

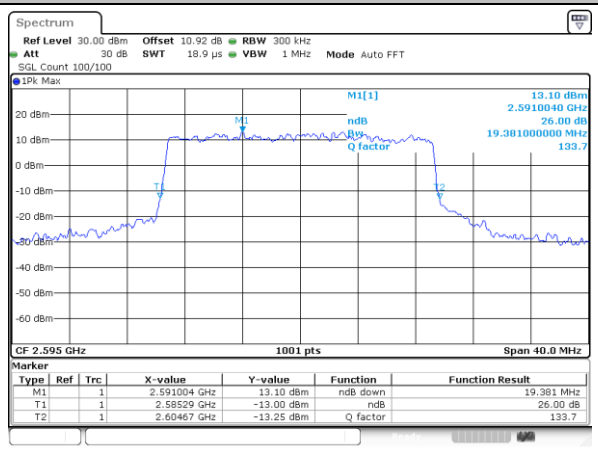


FR1 n38 / 20MHz / CP OFDM / Middle Channel / Full RB

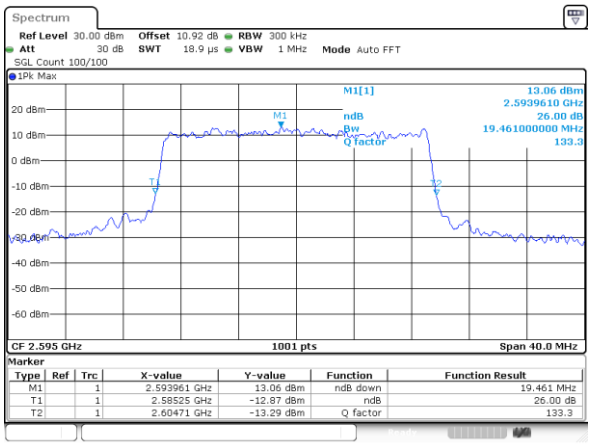
QPSK



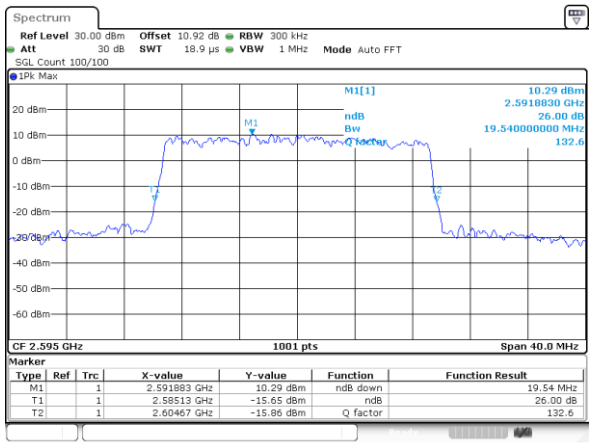
16QAM



64QAM



256QAM



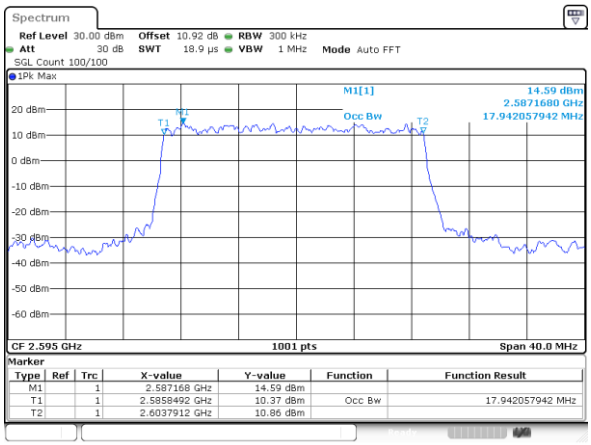
Occupied Bandwidth

Mode	FR1 n38 : OB BW(MHz) / DFT-S OFDM							
BW	20MHz							
Mod.	PI/2 BPSK							
Middle CH	17.94							

Mode	FR1 n38 : OB BW(MHz) / CP OFDM							
BW	20MHz							
Mod.	QPSK	16QAM						
Middle CH	18.26	18.26						
Mod.	64QAM	256QAM						
Middle CH	18.22	18.22						

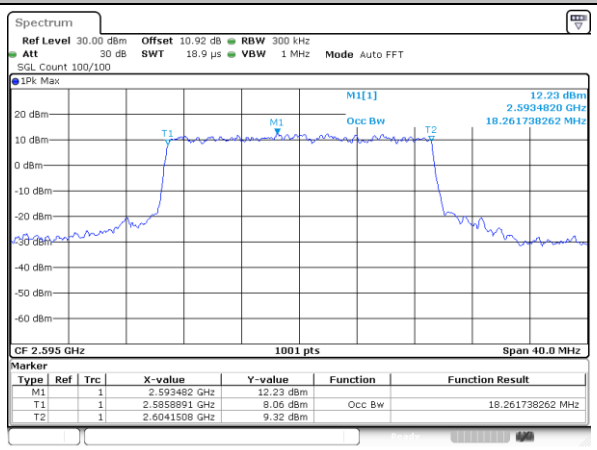
FR1 n38 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

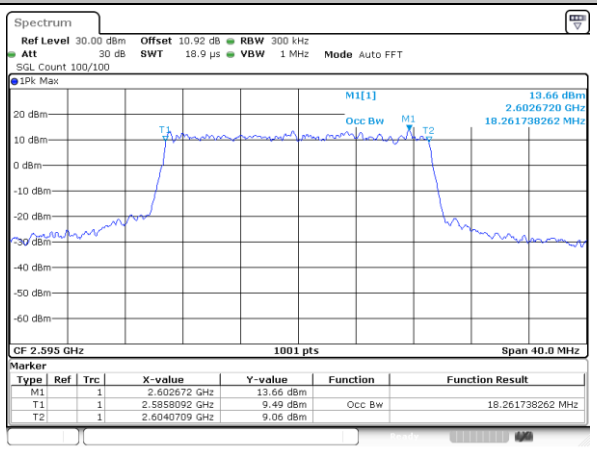


FR1 n38 / 20MHz / CP OFDM / Middle Channel / Full RB

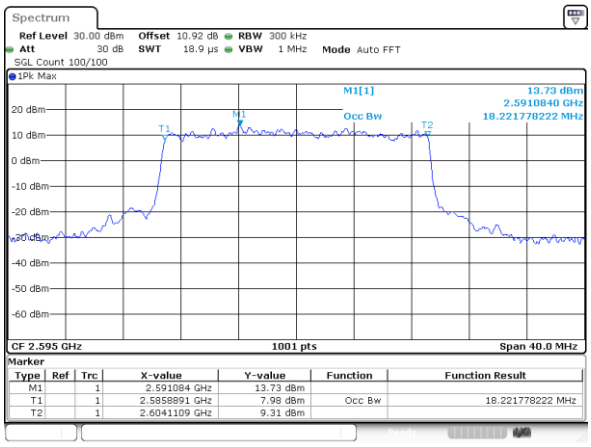
QPSK



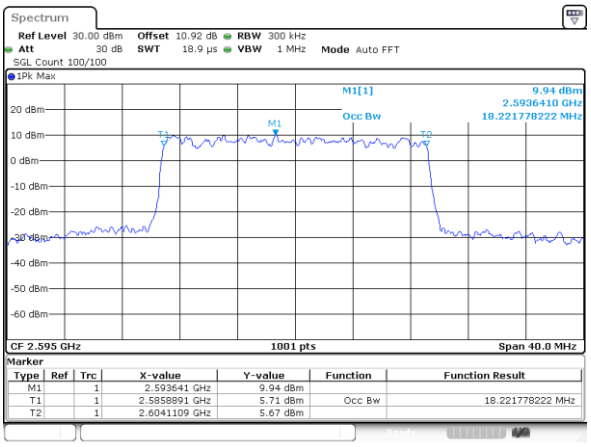
16QAM



64QAM



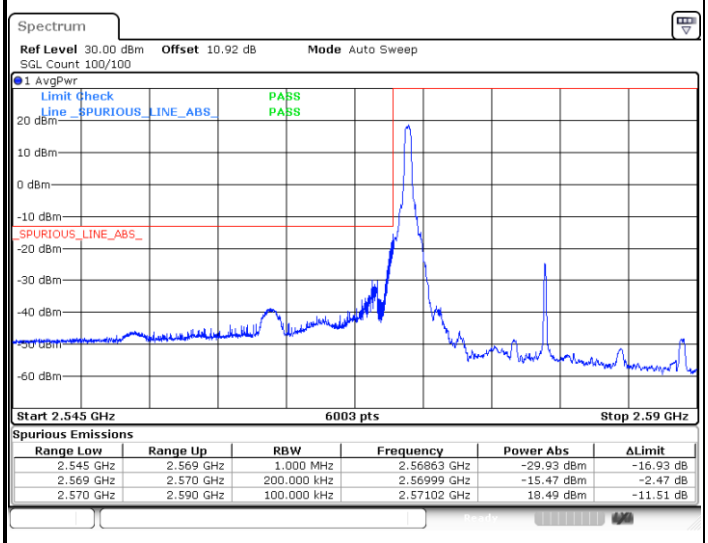
256QAM



Conducted Band Edge

FR1 n38 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

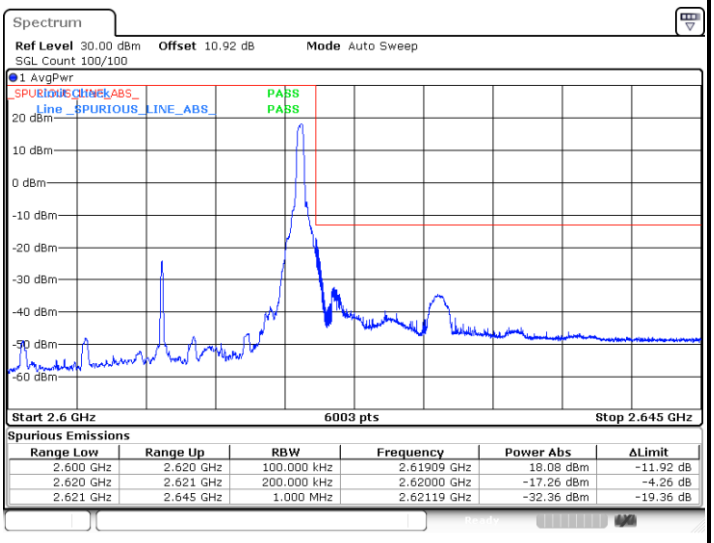


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56863 GHz	-29.93 dBm	-16.93 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-15.47 dBm	-2.47 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57102 GHz	18.49 dBm	-11.51 dB

Date: 22.MAR.2021 08:51:49

Highest Band Edge / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61909 GHz	18.08 dBm	-11.92 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-17.26 dBm	-4.26 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62119 GHz	-32.36 dBm	-19.36 dB

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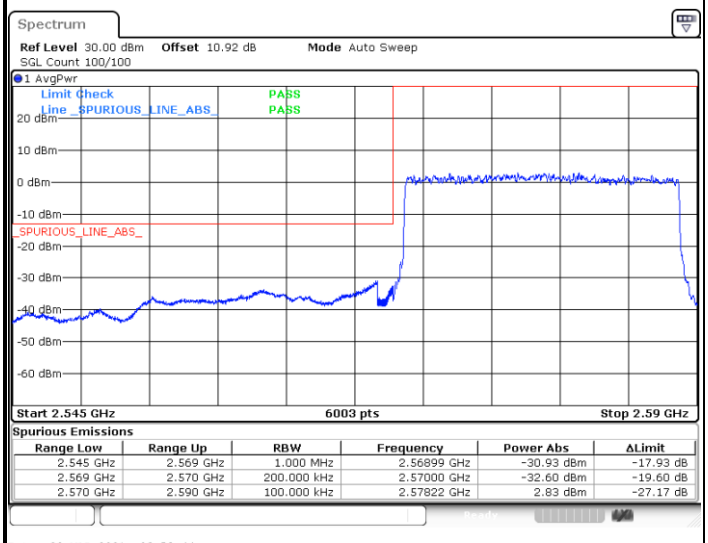
Lowest Band Edge / Full RB

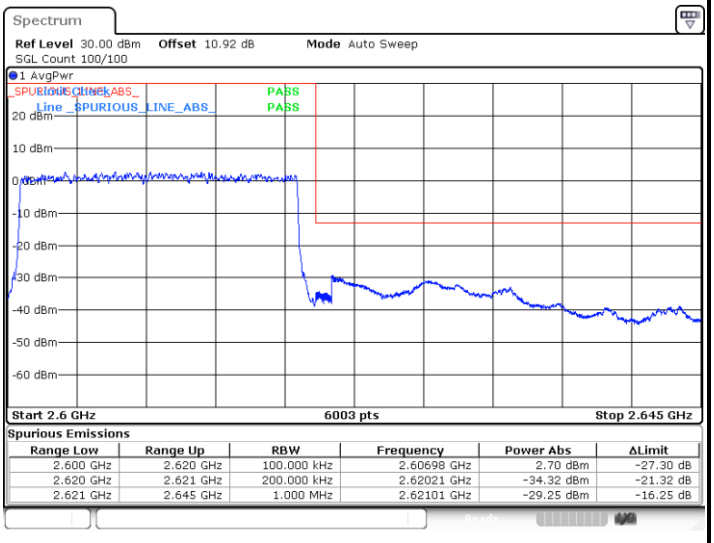


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56899 GHz	-30.93 dBm	-17.93 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-32.60 dBm	-19.60 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57822 GHz	2.83 dBm	-27.17 dB

Date: 22.MAR.2021 08:59:44

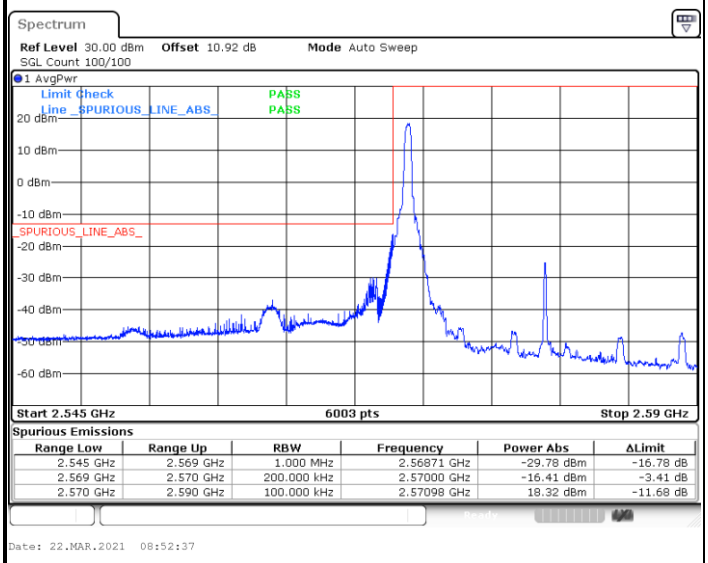
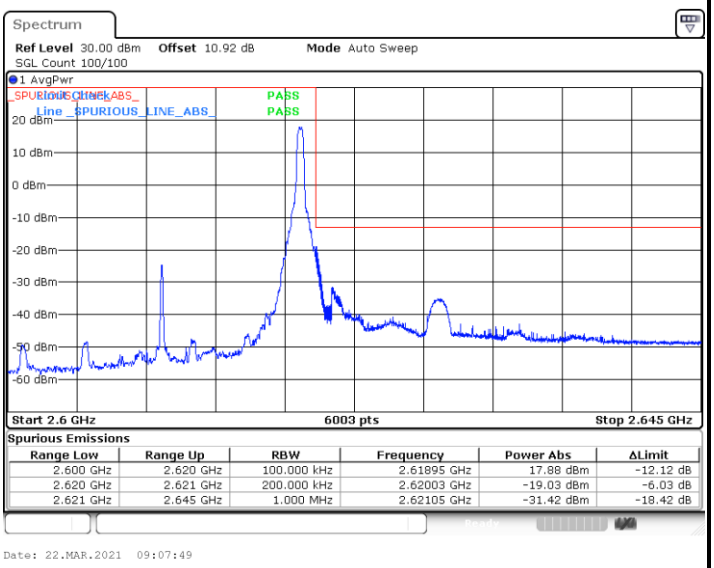
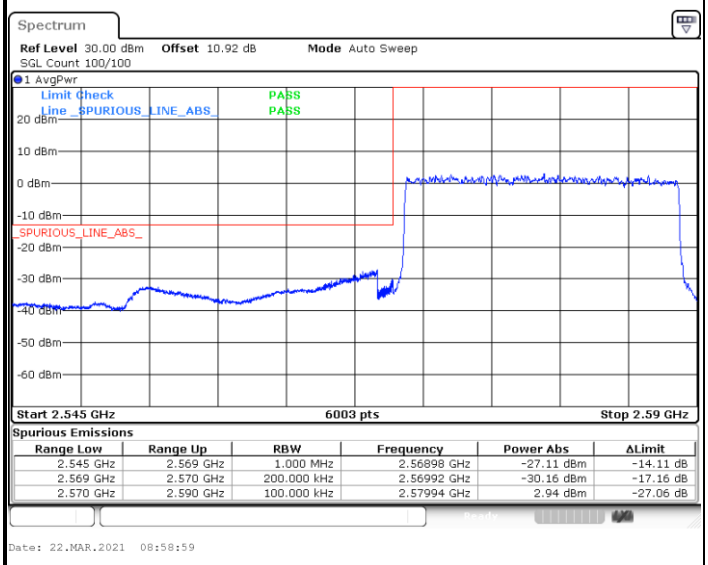
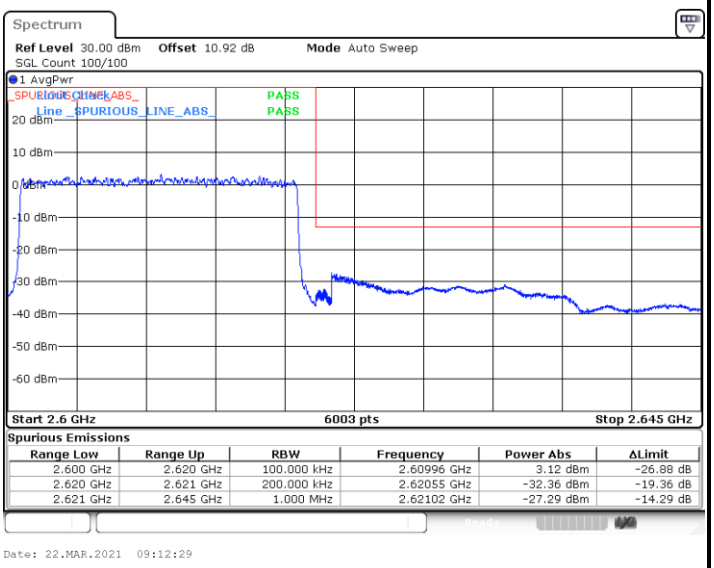
Highest Band Edge / Full RB



Spurious Emissions

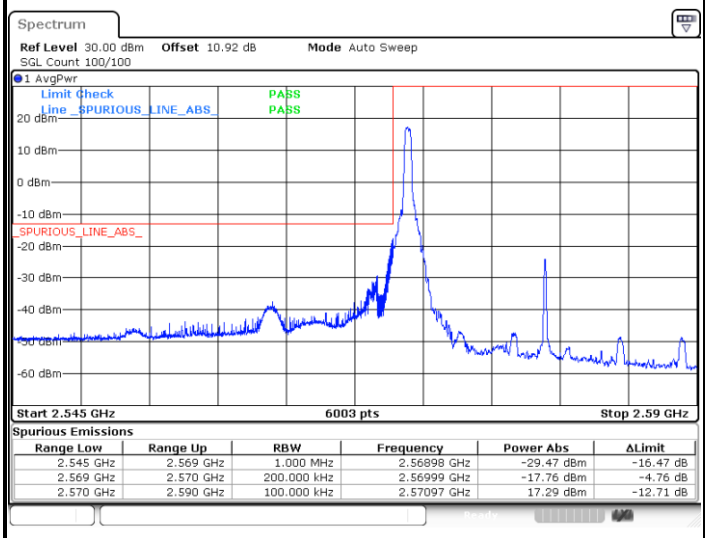
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60698 GHz	2.70 dBm	-27.30 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62021 GHz	-34.32 dBm	-21.32 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62101 GHz	-29.25 dBm	-16.25 dB

Date: 22.MAR.2021 09:13:08

FR1 n38 / 20MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 20MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

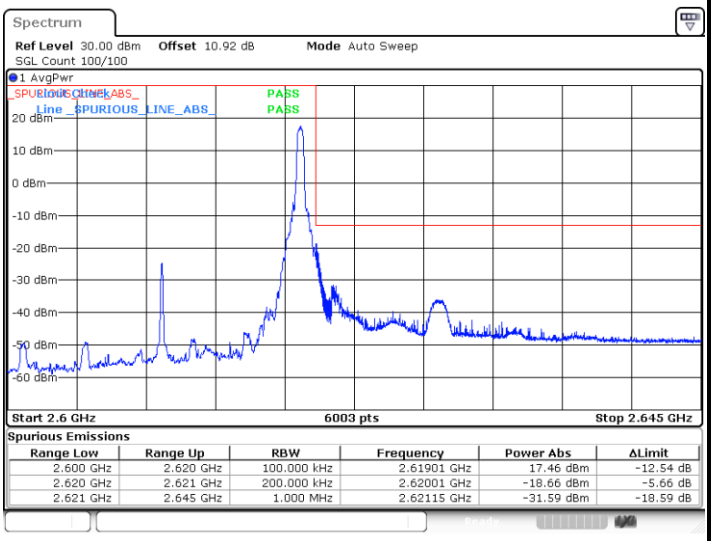


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56898 GHz	-29.47 dBm	-16.47 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-17.76 dBm	-4.76 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57097 GHz	17.29 dBm	-12.71 dB

Date: 22.MAR.2021 08:53:06

Highest Band Edge / 1RBmax

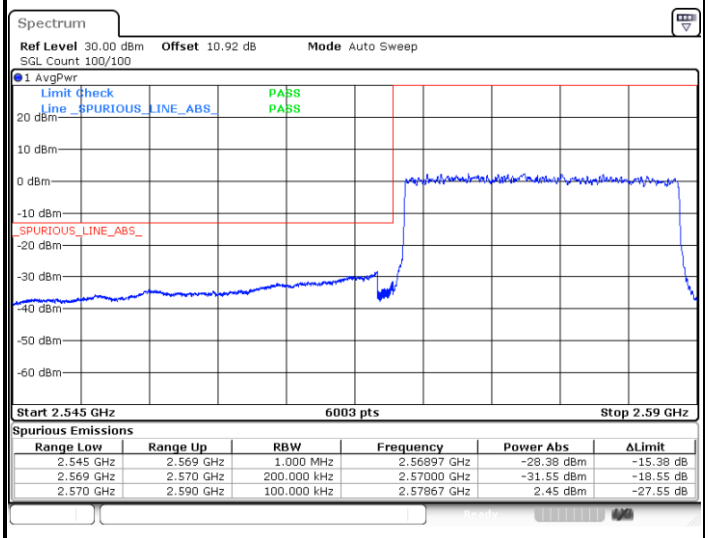


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61901 GHz	17.46 dBm	-12.54 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-18.66 dBm	-5.66 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62115 GHz	-31.59 dBm	-18.59 dB

Date: 22.MAR.2021 09:08:15

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56897 GHz	-28.38 dBm	-15.38 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.57000 GHz	-31.55 dBm	-18.55 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57867 GHz	2.45 dBm	-27.55 dB

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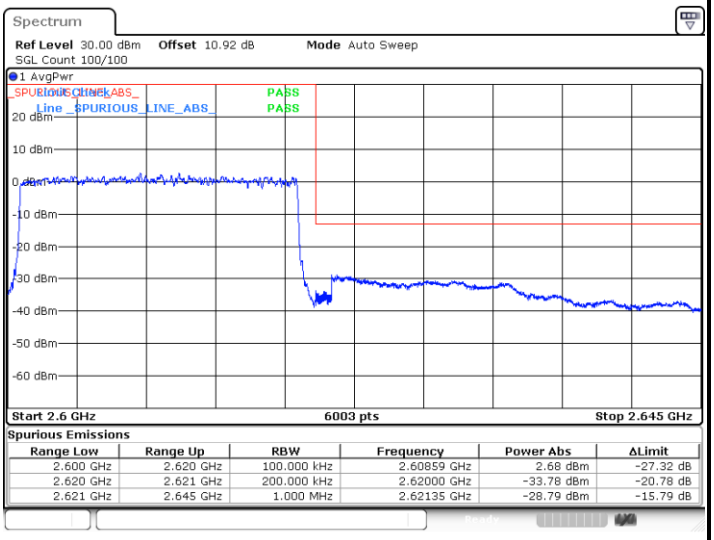
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.60859 GHz	2.68 dBm	-27.32 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62000 GHz	-33.78 dBm	-20.78 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62135 GHz	-28.79 dBm	-15.79 dB

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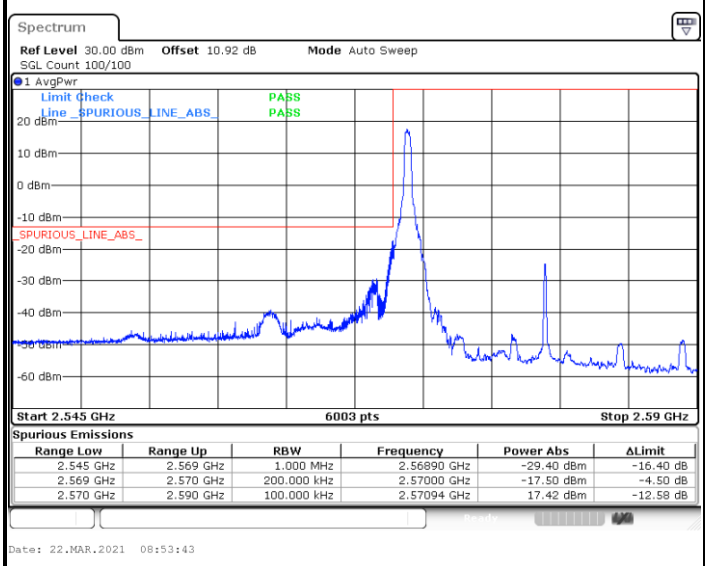
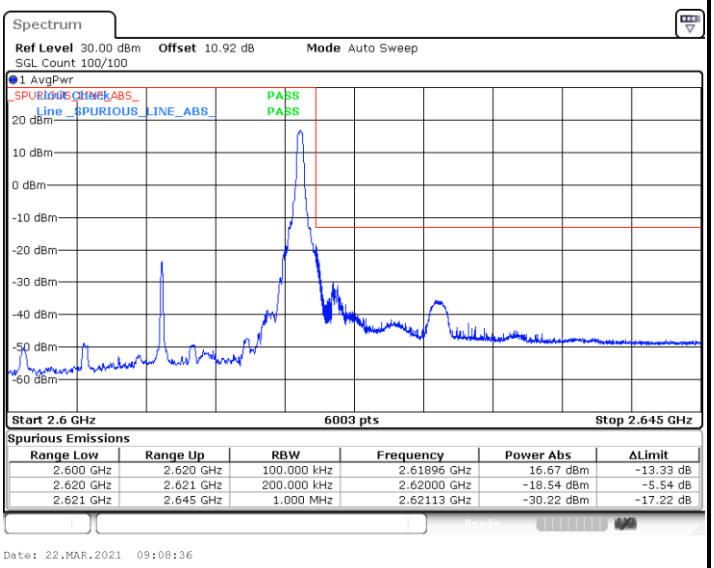
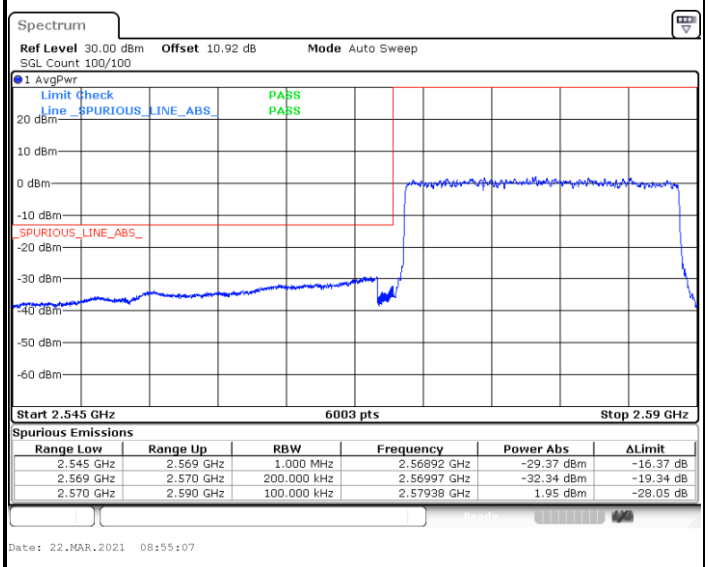
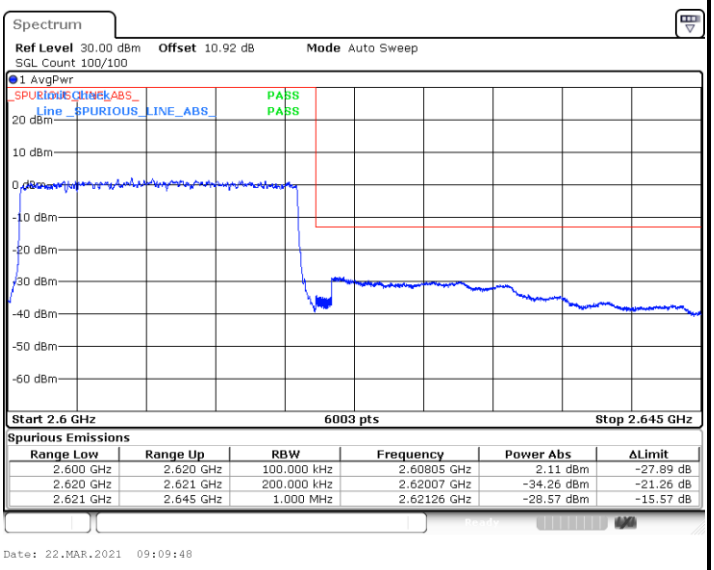
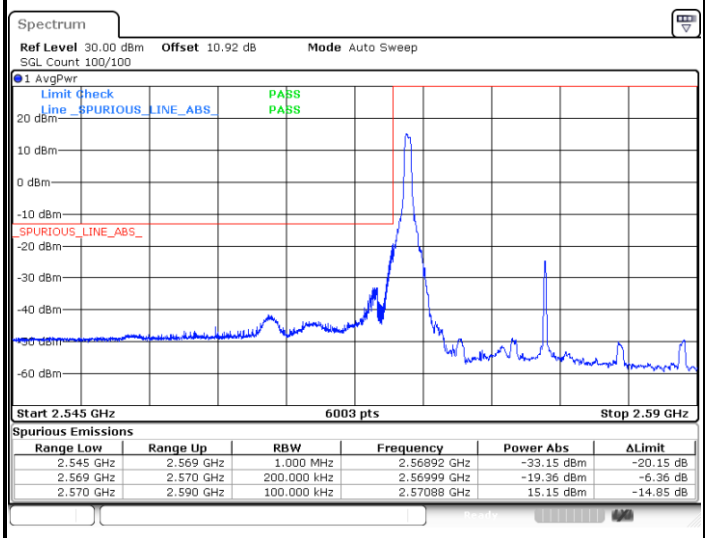
FR1 n38 / 20MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n38 / 20MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56892 GHz	-33.15 dBm	-20.15 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56999 GHz	-19.36 dBm	-6.36 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57088 GHz	15.15 dBm	-14.85 dB

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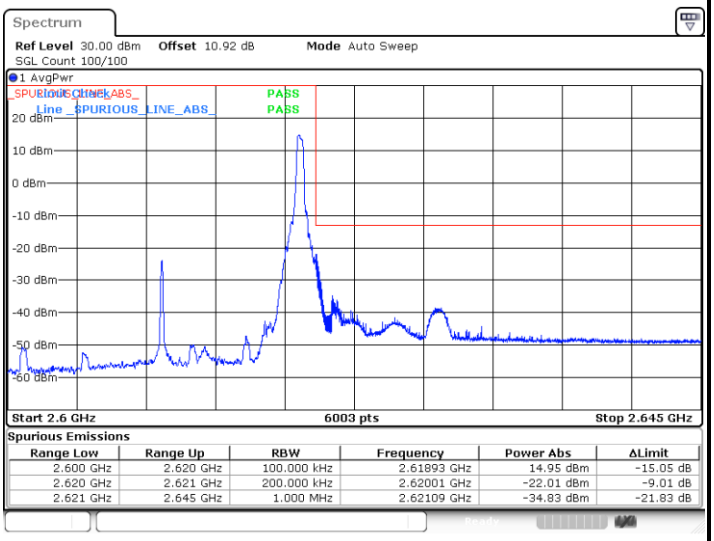
Highest Band Edge / 1RBmax



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61893 GHz	14.95 dBm	-15.05 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62001 GHz	-22.01 dBm	-9.01 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62109 GHz	-34.83 dBm	-21.83 dB

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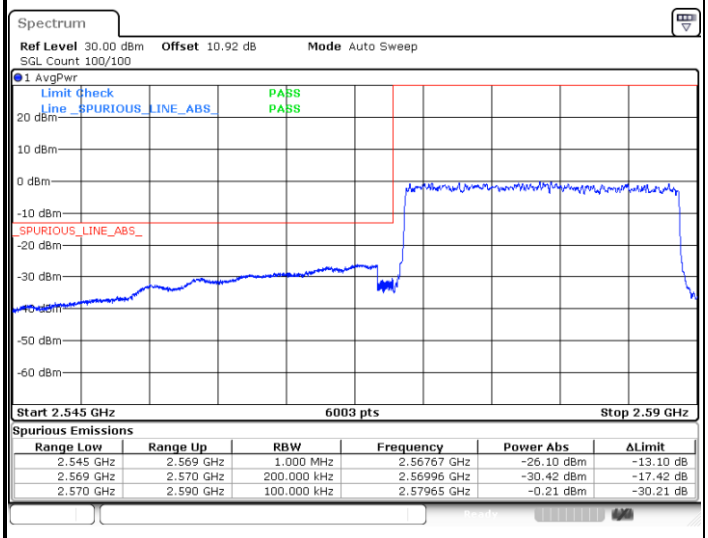
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.569 GHz	1.000 MHz	2.56767 GHz	-26.10 dBm	-13.10 dB
2.569 GHz	2.570 GHz	200.000 kHz	2.56996 GHz	-30.42 dBm	-17.42 dB
2.570 GHz	2.590 GHz	100.000 kHz	2.57965 GHz	-0.21 dBm	-30.21 dB

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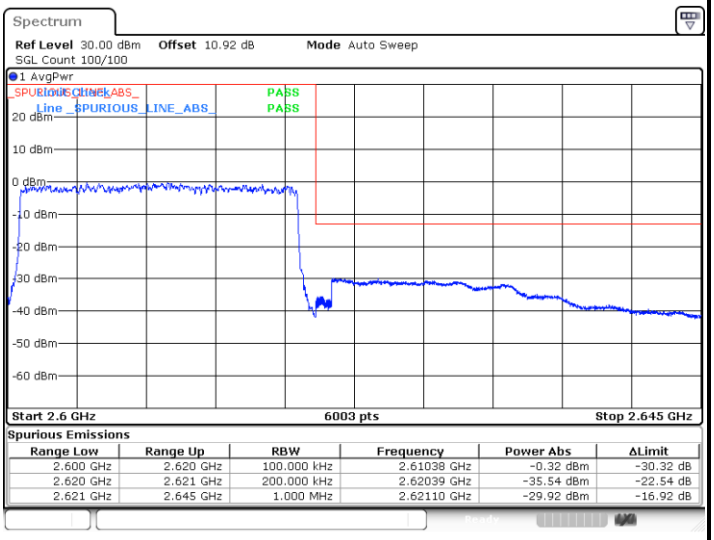
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.600 GHz	2.620 GHz	100.000 kHz	2.61038 GHz	-0.32 dBm	-30.32 dB
2.620 GHz	2.621 GHz	200.000 kHz	2.62039 GHz	-35.54 dBm	-22.54 dB
2.621 GHz	2.645 GHz	1.000 MHz	2.62110 GHz	-29.92 dBm	-16.92 dB

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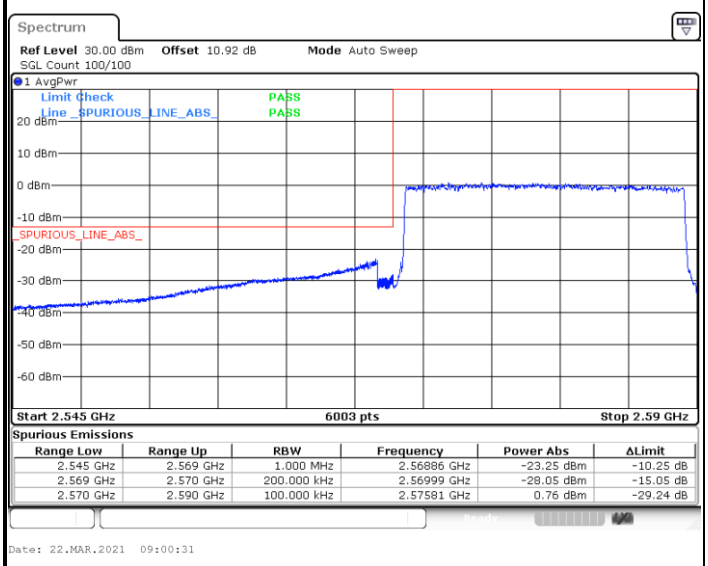
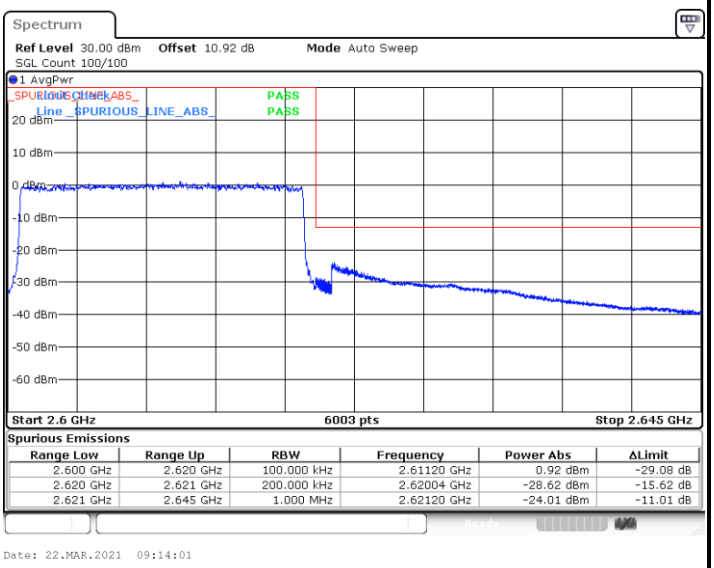
FR1 n38 / 20MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

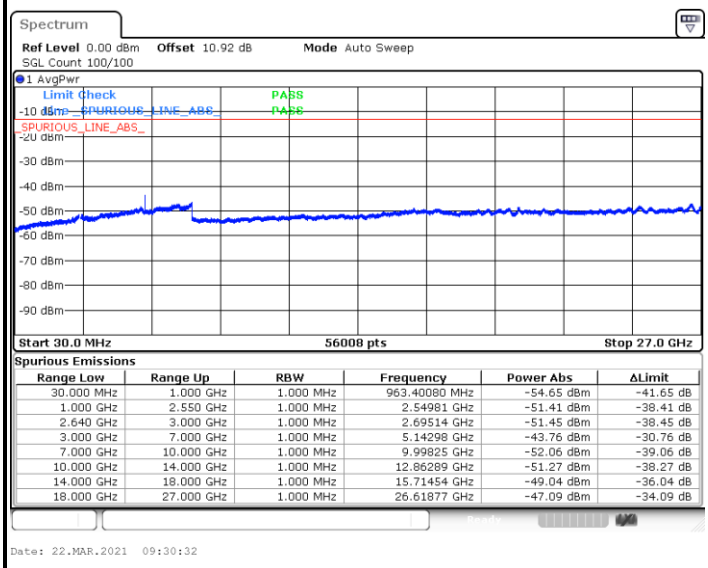




Conducted Spurious Emission

FR1 n38 / 20MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	963.40080 MHz	-54.65 dBm	-41.65 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.54981 GHz	-51.41 dBm	-38.41 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.69514 GHz	-51.45 dBm	-38.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.14298 GHz	-43.76 dBm	-30.76 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99825 GHz	-52.06 dBm	-39.06 dB
10.000 GHz	14.000 GHz	1.000 MHz	12.86289 GHz	-51.27 dBm	-38.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71454 GHz	-49.04 dBm	-36.04 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.61877 GHz	-47.09 dBm	-34.09 dB

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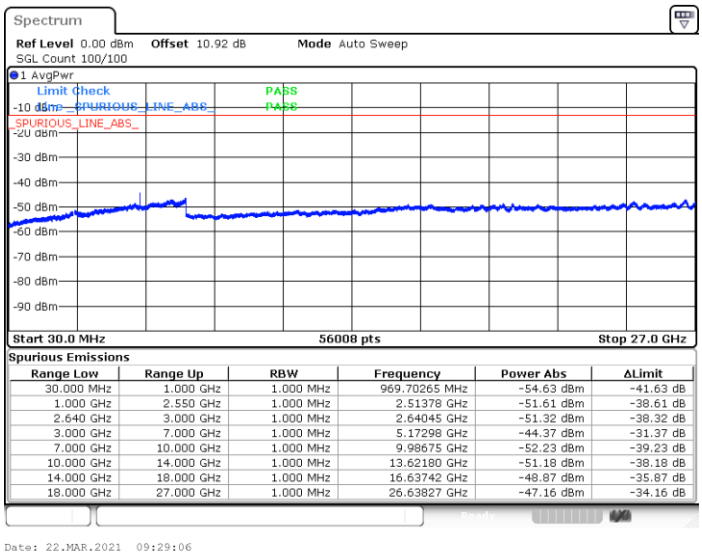
Middle Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	969.70265 MHz	-54.63 dBm	-41.63 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.51378 GHz	-51.61 dBm	-38.61 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64045 GHz	-51.32 dBm	-38.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.17298 GHz	-44.37 dBm	-31.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98675 GHz	-52.23 dBm	-39.23 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.62180 GHz	-51.18 dBm	-38.18 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63742 GHz	-48.87 dBm	-35.87 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.63827 GHz	-47.16 dBm	-34.16 dB

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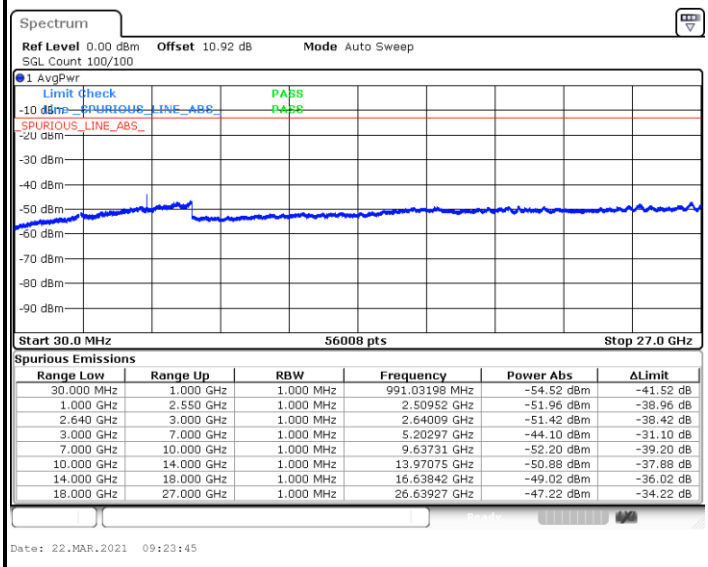
Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-54.52 dBm	-41.52 dB
1.000 GHz	2.550 GHz	1.000 MHz	2.50952 GHz	-51.96 dBm	-38.96 dB
2.640 GHz	3.000 GHz	1.000 MHz	2.64009 GHz	-51.42 dBm	-38.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.20297 GHz	-44.10 dBm	-31.10 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.63731 GHz	-52.20 dBm	-39.20 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.97075 GHz	-50.88 dBm	-37.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63842 GHz	-49.02 dBm	-36.02 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.63927 GHz	-47.22 dBm	-34.22 dB

Date: 22.MAR.2021 09:23:45

Frequency Stability

Test Conditions		FR1 n38 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0039	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage =48 V.；Battery End Point (BEP) =43 V.；Maximum Voltage =58 V.

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

FR1 n77

Peak-to-Average Ratio

Mode	FR1 n77 / 40MHz / DFT-S OFDM (dBm/MHz)				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
RB Size	Full RB	Full RB	Full RB	Full RB	Full RB
Channel	Middle				
Peak Power	27.65	28.83	29.60	29.57	29.13
Average Poer	23.00	22.90	22.80	22.7	22
Peak-to-Averavg Ratio	4.65	5.93	6.8	6.87	7.13
Limit	13dB				
Result	PASS				

26dB Bandwidth

Mode	FR1 n77 : 26dB BW(MHz) / DFT-S OFDM							
BW	40MHz	50MHz	60MHz	80MHz	90MHz	100MHz		
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK		
Middle CH	38.04	48.15	60.42	79.92	88.47	99.50		

Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	40MHz		50MHz		60MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	40.20	40.28	49.75	49.85	60.42	60.54	80.24	80.08
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	40.20	40.20	49.95	49.95	60.42	60.42	80.40	80.24
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	90.45	90.45	100.50	100.50				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	90.81	90.63	100.50	100.50				