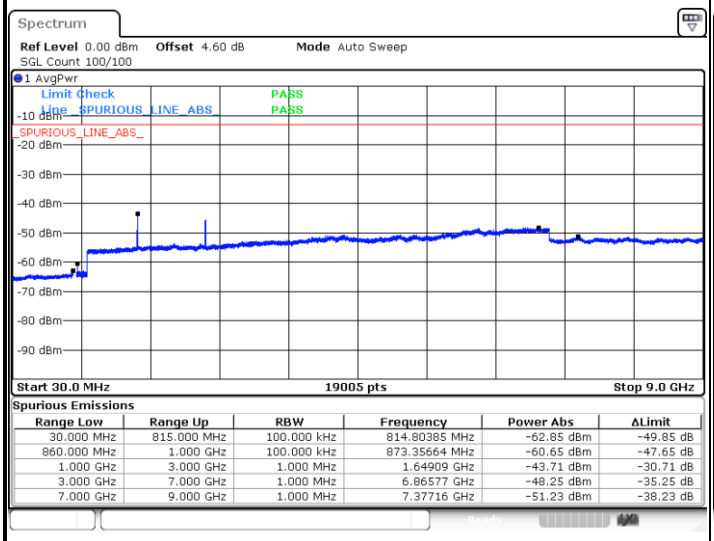
FR1 n5 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB0

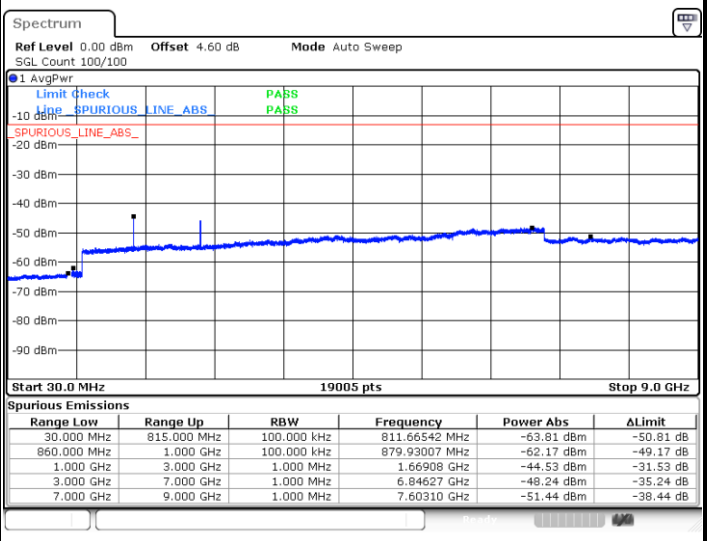


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-62.85 dBm	-49.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.35664 MHz	-60.65 dBm	-47.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-43.71 dBm	-30.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86577 GHz	-48.25 dBm	-35.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37716 GHz	-51.23 dBm	-38.23 dB

Date: 16.NOV.2020 15:08:05

Middle Channel / 1RB0

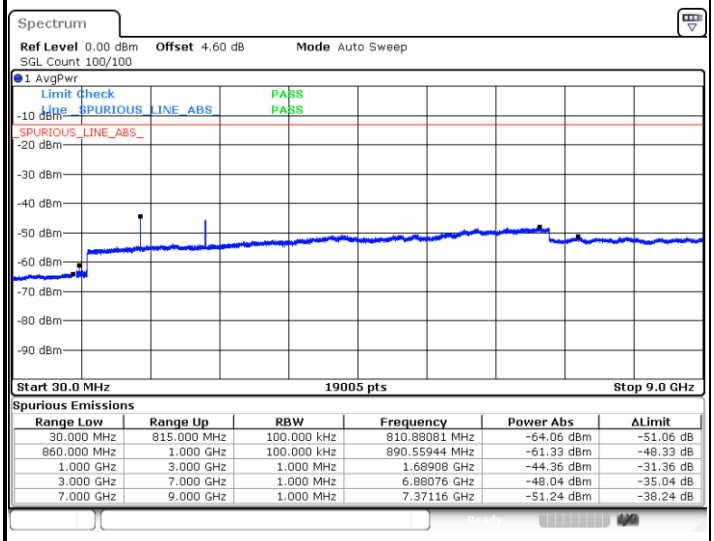


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.66542 MHz	-63.81 dBm	-50.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.93007 MHz	-62.17 dBm	-49.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.53 dBm	-31.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84627 GHz	-48.24 dBm	-35.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60310 GHz	-51.44 dBm	-38.44 dB

Date: 16.NOV.2020 15:11:21

Highest Channel / 1RB0



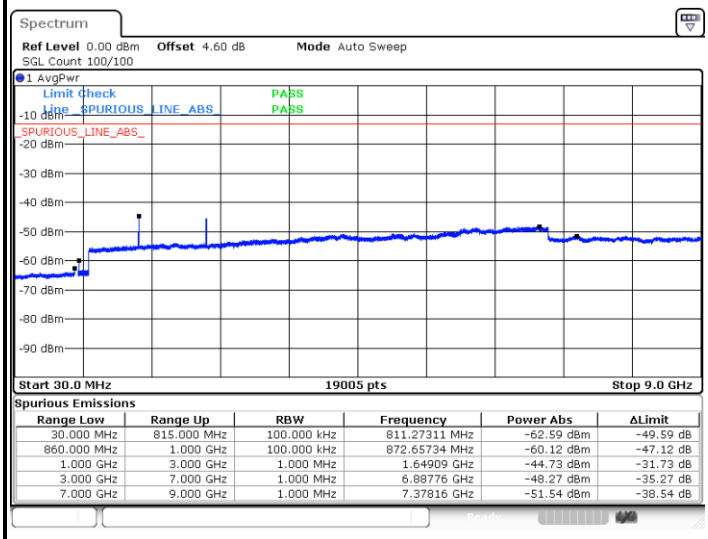
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.88081 MHz	-64.06 dBm	-51.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.55944 MHz	-61.33 dBm	-48.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.36 dBm	-31.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88076 GHz	-48.04 dBm	-35.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37116 GHz	-51.24 dBm	-38.24 dB

Date: 16.NOV.2020 15:35:07

FR1 n5 / 5MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB0

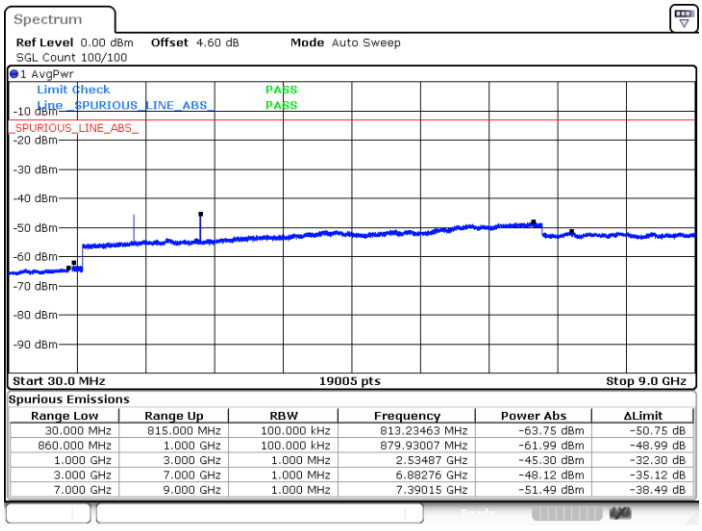


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-62.59 dBm	-49.59 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.65734 MHz	-60.12 dBm	-47.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.73 dBm	-31.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88776 GHz	-48.27 dBm	-35.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37816 GHz	-51.54 dBm	-38.54 dB

Date: 16.NOV.2020 15:07:17

Middle Channel / 1RB0

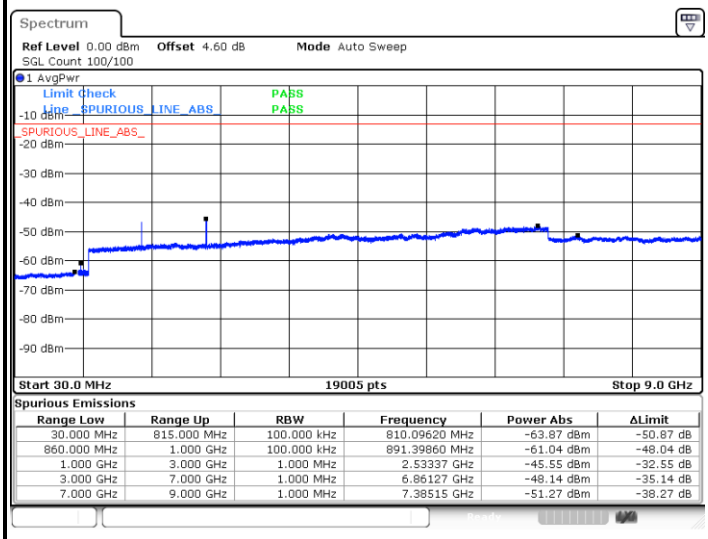


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-63.75 dBm	-50.75 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.93007 MHz	-61.99 dBm	-48.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53487 GHz	-45.30 dBm	-32.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88276 GHz	-48.12 dBm	-35.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39015 GHz	-51.49 dBm	-38.49 dB

Date: 16.NOV.2020 15:12:20

Highest Channel / 1RB0



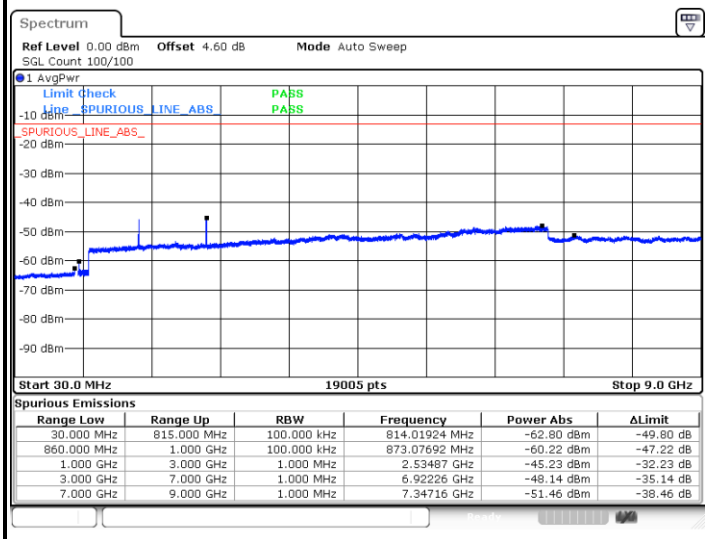
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-63.87 dBm	-50.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.39860 MHz	-61.04 dBm	-48.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53337 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86127 GHz	-48.14 dBm	-35.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38515 GHz	-51.27 dBm	-38.27 dB

Date: 16.NOV.2020 15:34:13

FR1 n5 / 5MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB0

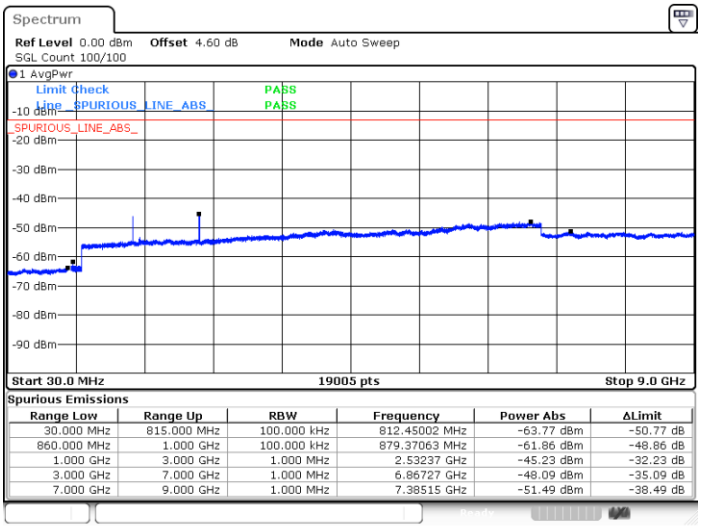


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-62.80 dBm	-49.80 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.07692 MHz	-60.22 dBm	-47.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53487 GHz	-45.23 dBm	-32.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92226 GHz	-48.14 dBm	-35.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34716 GHz	-51.46 dBm	-38.46 dB

Date: 16.NOV.2020 15:06:27

Middle Channel / 1RB0

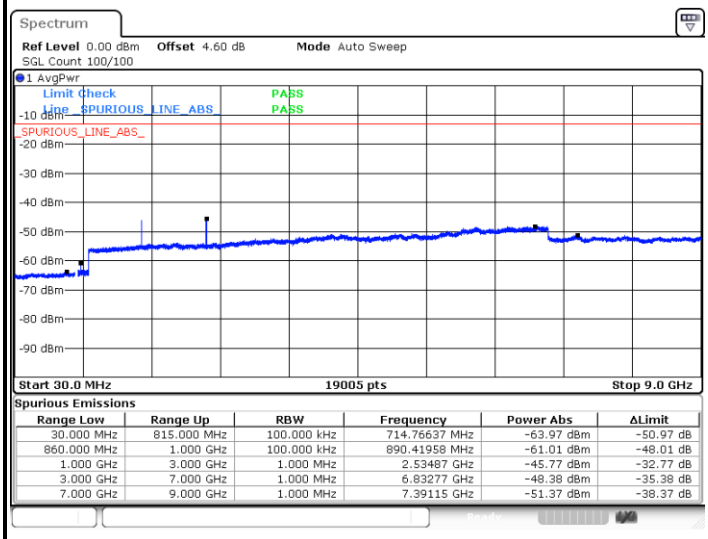


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-63.77 dBm	-50.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.37063 MHz	-61.86 dBm	-48.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53237 GHz	-45.23 dBm	-32.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86727 GHz	-48.09 dBm	-35.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38515 GHz	-51.49 dBm	-38.49 dB

Date: 16.NOV.2020 15:13:06

Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	714.76637 MHz	-63.97 dBm	-50.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.41958 MHz	-61.01 dBm	-48.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53487 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83277 GHz	-48.38 dBm	-35.38 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39115 GHz	-51.37 dBm	-38.37 dB

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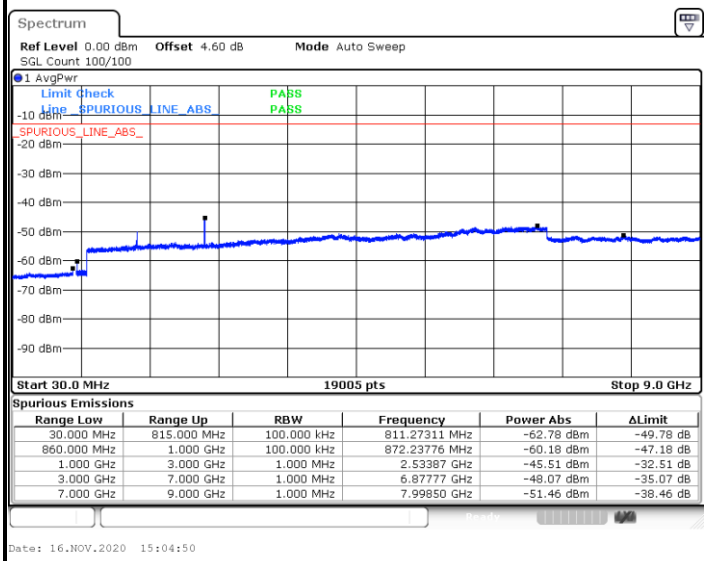
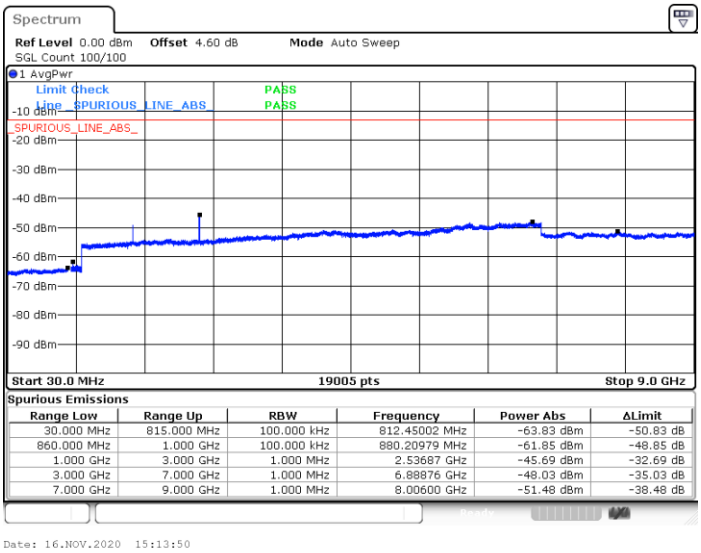
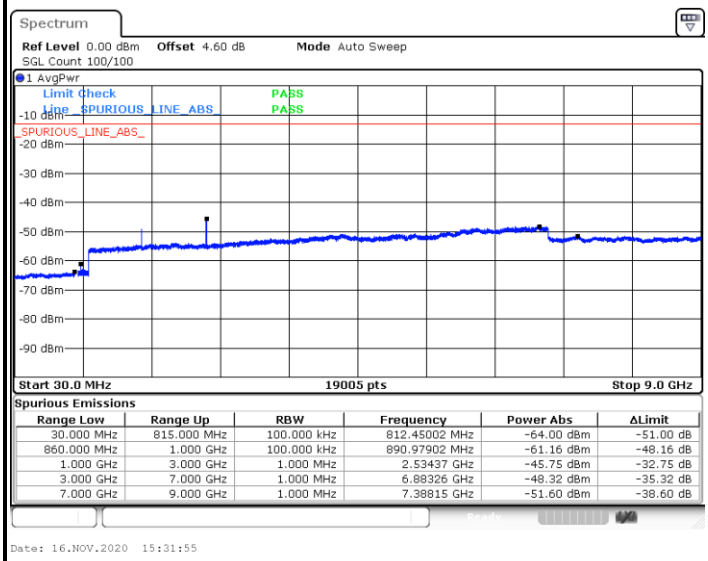
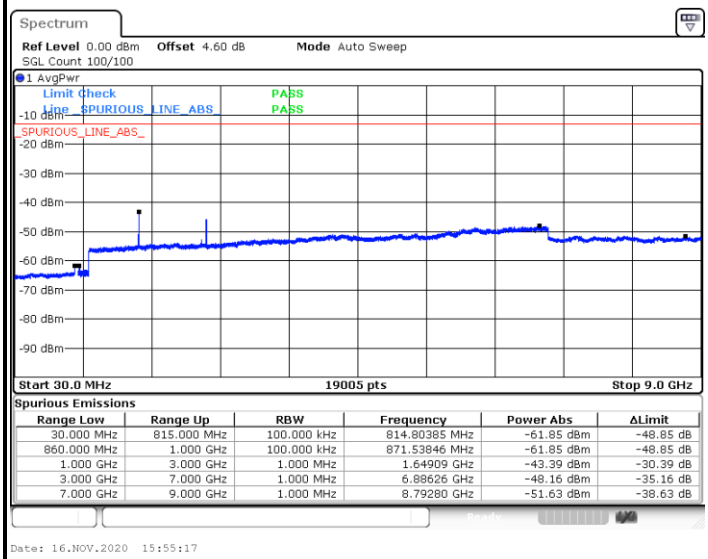
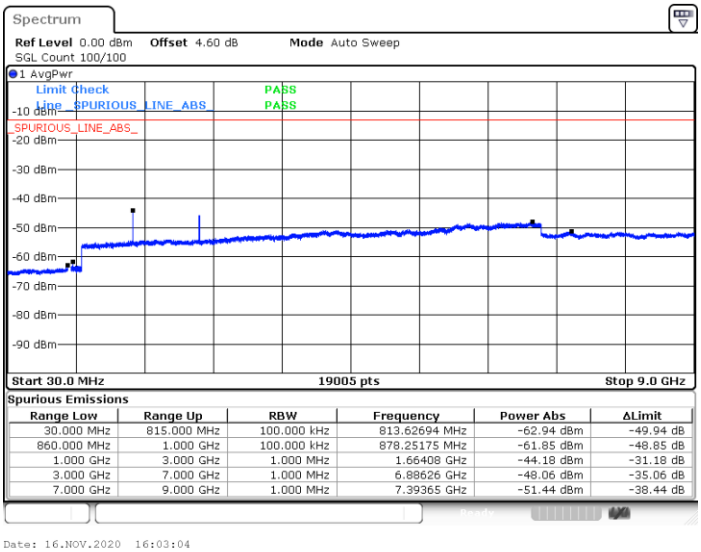
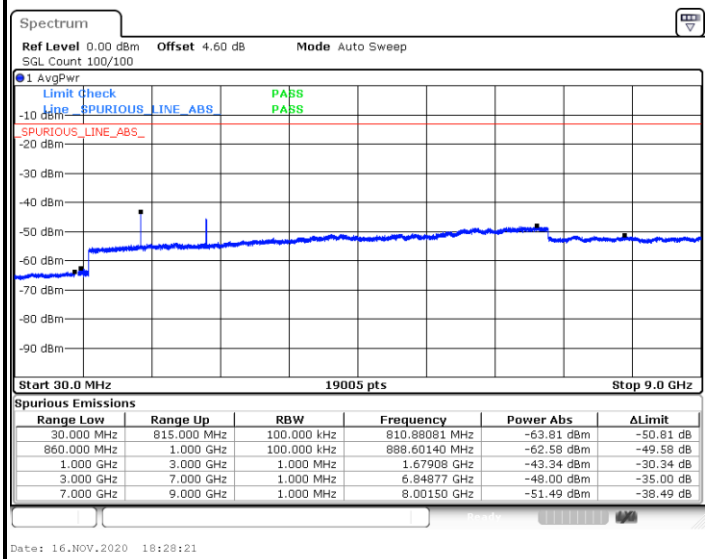
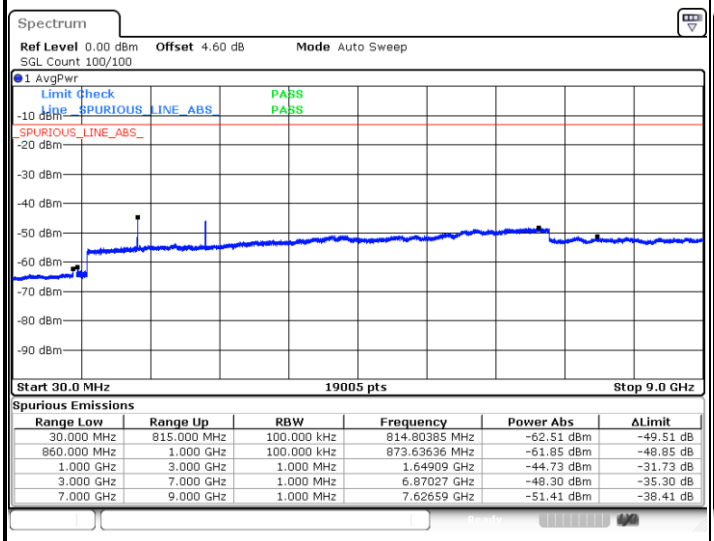
FR1 n5 / 5MHz / DFT-S OFDM / 256QAM	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

FR1 n5 / 10MHz / DFT-S OFDM / BPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

FR1 n5 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB0

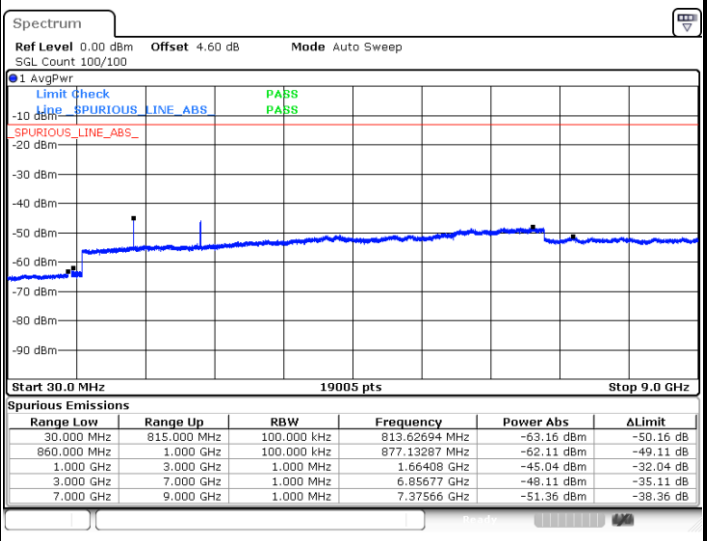


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-62.51 dBm	-49.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.63636 MHz	-61.85 dBm	-48.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.73 dBm	-31.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87027 GHz	-48.30 dBm	-35.30 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62659 GHz	-51.41 dBm	-38.41 dB

Date: 16.NOV.2020 15:54:05

Middle Channel / 1RB0

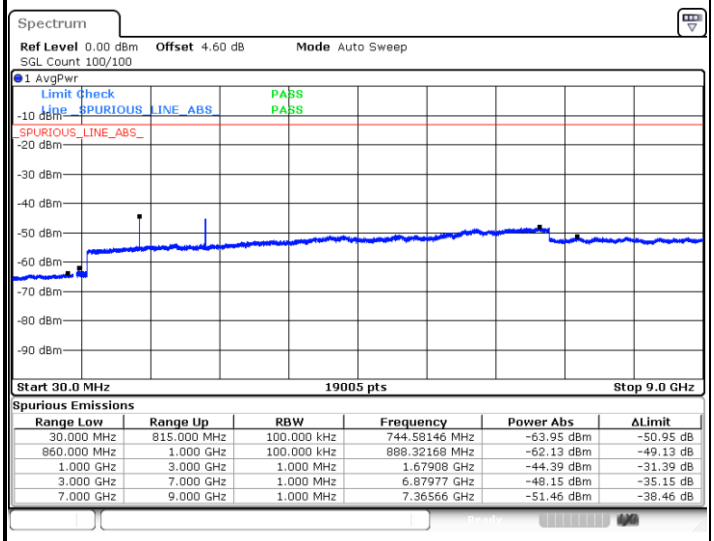


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-63.16 dBm	-50.16 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.13287 MHz	-62.11 dBm	-49.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66408 GHz	-45.04 dBm	-32.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85677 GHz	-48.11 dBm	-35.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37566 GHz	-51.36 dBm	-38.36 dB

Date: 16.NOV.2020 16:04:27

Highest Channel / 1RB0



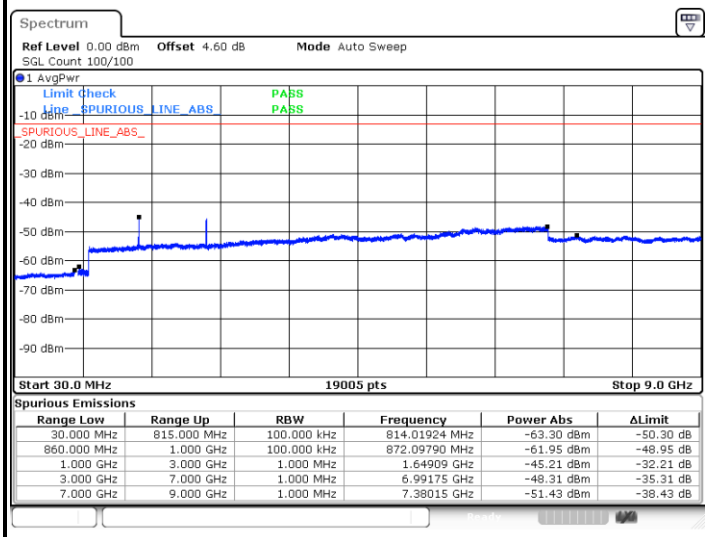
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	744.58146 MHz	-63.95 dBm	-50.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.32168 MHz	-62.13 dBm	-49.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-44.39 dBm	-31.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87977 GHz	-48.15 dBm	-35.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36566 GHz	-51.46 dBm	-38.46 dB

Date: 16.NOV.2020 18:29:55

FR1 n5 / 10MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB0

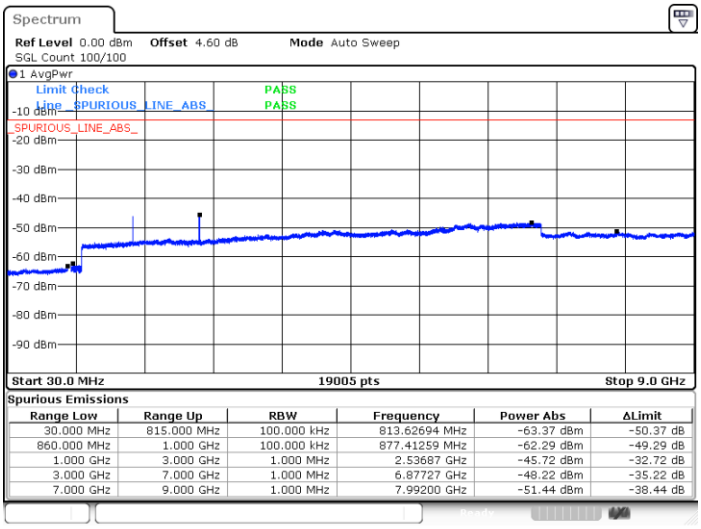


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-63.30 dBm	-50.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	872.09790 MHz	-61.95 dBm	-48.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-48.31 dBm	-35.31 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38015 GHz	-51.43 dBm	-38.43 dB

Date: 16.NOV.2020 15:52:54

Middle Channel / 1RB0

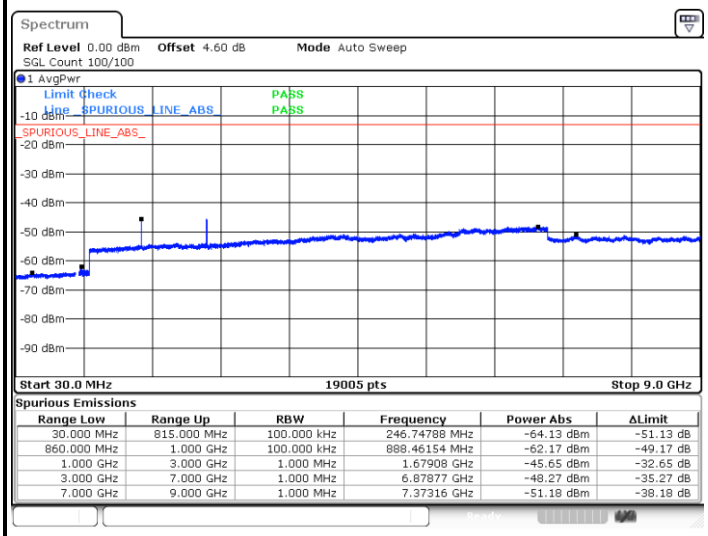


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-63.37 dBm	-50.37 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.41259 MHz	-62.29 dBm	-49.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53687 GHz	-45.72 dBm	-32.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87727 GHz	-48.22 dBm	-35.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99200 GHz	-51.44 dBm	-38.44 dB

Date: 16.NOV.2020 16:05:12

Highest Channel / 1RB0



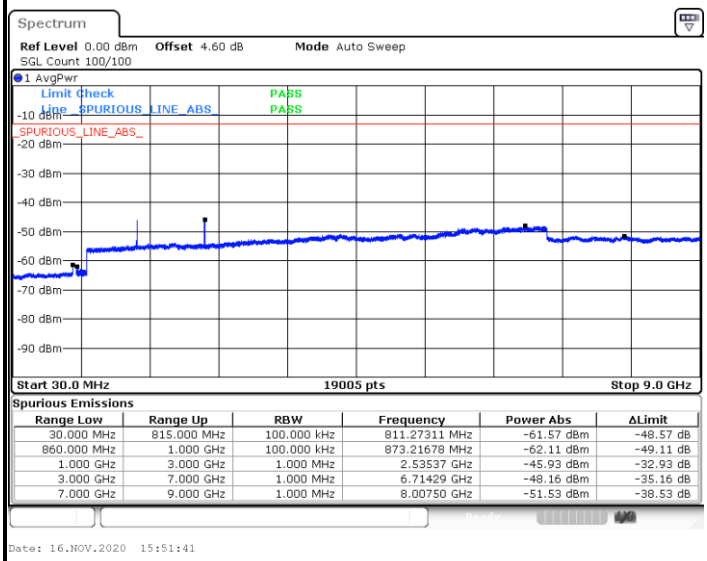
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	246.74788 MHz	-64.13 dBm	-51.13 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.46154 MHz	-62.17 dBm	-49.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-45.65 dBm	-32.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87877 GHz	-48.27 dBm	-35.27 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37316 GHz	-51.18 dBm	-38.18 dB

Date: 16.NOV.2020 18:31:10

FR1 n5 / 5MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB0

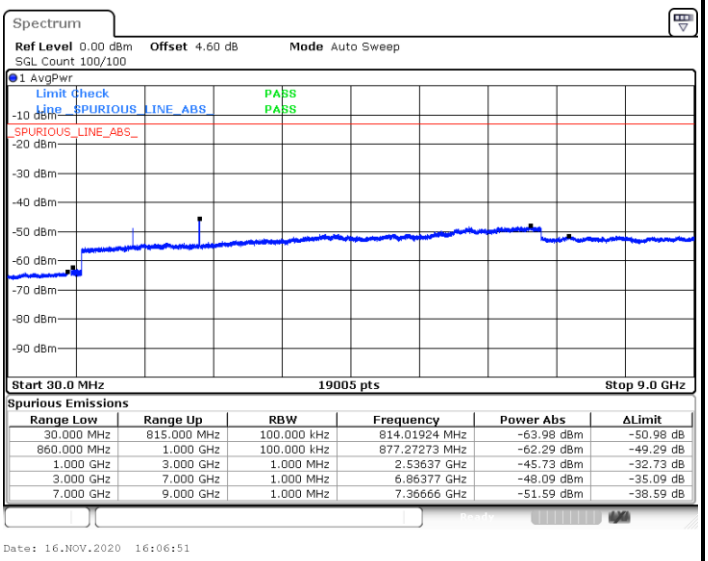


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-61.57 dBm	-48.57 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.21678 MHz	-62.11 dBm	-49.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53537 GHz	-45.93 dBm	-32.93 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.71429 GHz	-48.16 dBm	-35.16 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00750 GHz	-51.53 dBm	-38.53 dB

Date: 16.NOV.2020 15:51:41

Middle Channel / 1RB0

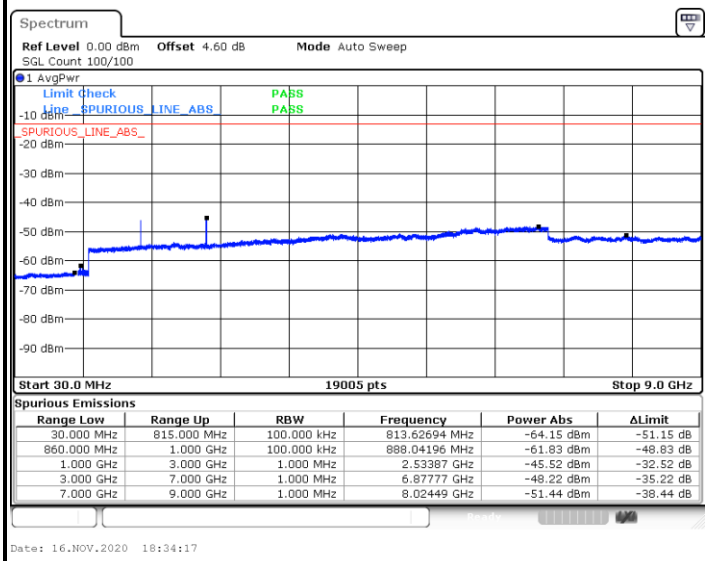


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-63.98 dBm	-50.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.27273 MHz	-62.29 dBm	-49.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53637 GHz	-45.73 dBm	-32.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-48.09 dBm	-35.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36666 GHz	-51.59 dBm	-38.59 dB

Date: 16.NOV.2020 16:06:51

Highest Channel / 1RB0



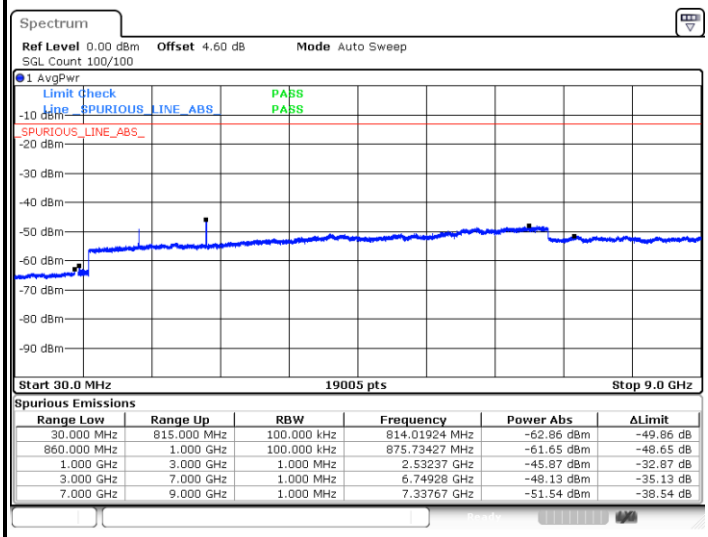
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-64.15 dBm	-51.15 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.04196 MHz	-61.83 dBm	-48.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53387 GHz	-45.52 dBm	-32.52 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-48.22 dBm	-35.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02449 GHz	-51.44 dBm	-38.44 dB

Date: 16.NOV.2020 18:34:17

FR1 n5 / 10MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB0

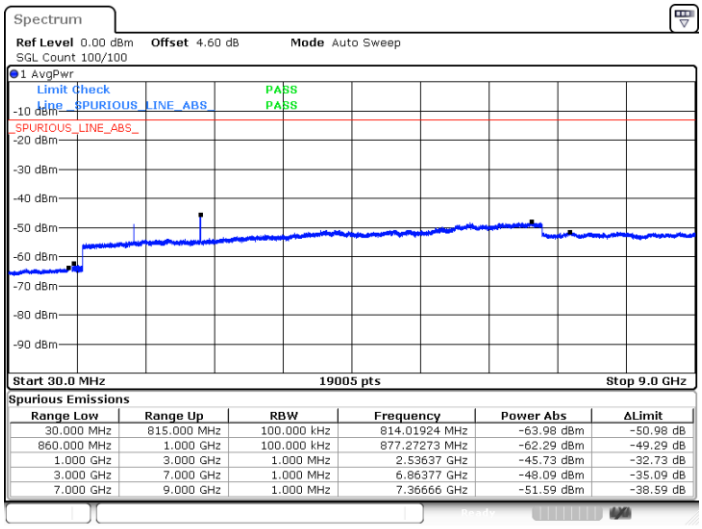


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-62.86 dBm	-49.86 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.73427 MHz	-61.65 dBm	-48.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53237 GHz	-45.87 dBm	-32.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74928 GHz	-48.13 dBm	-35.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.33767 GHz	-51.54 dBm	-38.54 dB

Date: 16.NOV.2020 15:49:32

Middle Channel / 1RB0

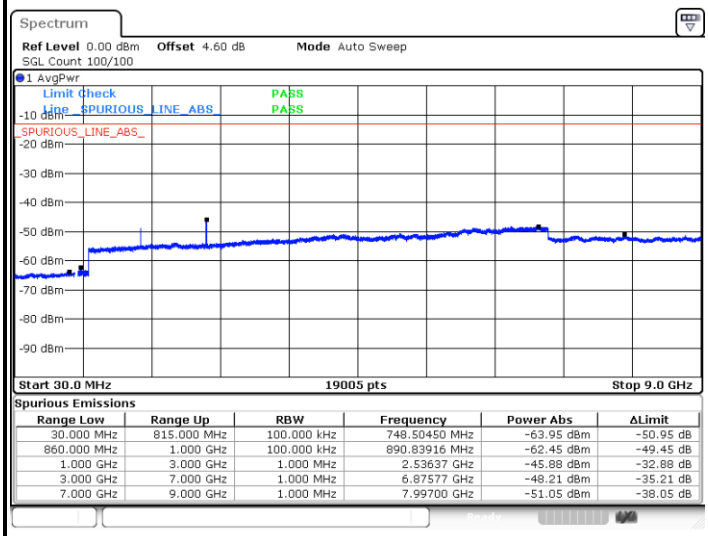


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.01924 MHz	-63.98 dBm	-50.98 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.27273 MHz	-62.29 dBm	-49.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53637 GHz	-45.73 dBm	-32.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-48.09 dBm	-35.09 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36666 GHz	-51.59 dBm	-38.59 dB

Date: 16.NOV.2020 16:06:51

Highest Channel / 1RB0



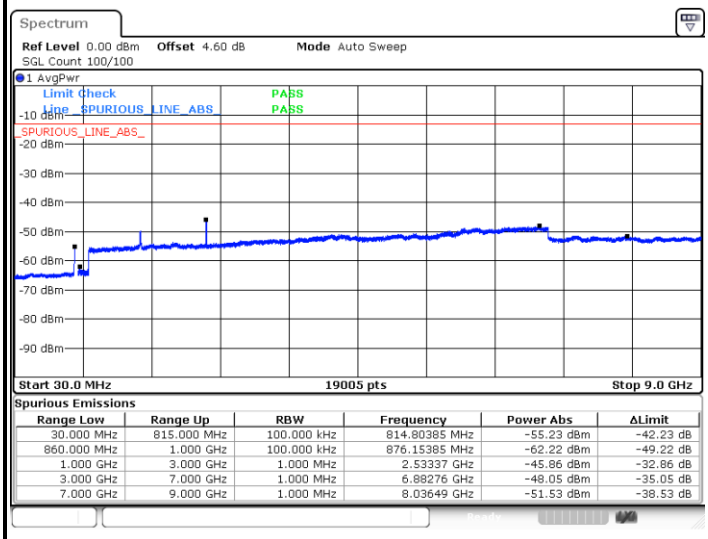
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	748.50450 MHz	-63.95 dBm	-50.95 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.83916 MHz	-62.45 dBm	-49.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53637 GHz	-45.88 dBm	-32.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87577 GHz	-48.21 dBm	-35.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99700 GHz	-51.05 dBm	-38.05 dB

Date: 16.NOV.2020 18:35:16

FR1 n5 / 15MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB0

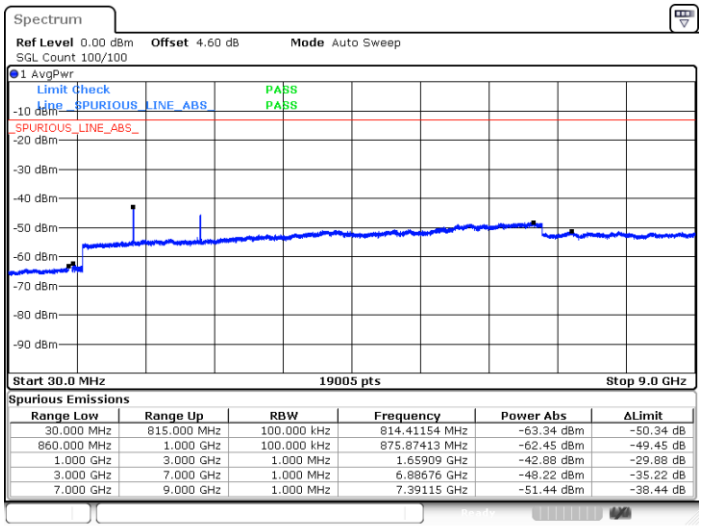


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-55.23 dBm	-42.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.15385 MHz	-62.22 dBm	-49.22 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53337 GHz	-45.86 dBm	-32.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88276 GHz	-48.05 dBm	-35.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.03649 GHz	-51.53 dBm	-38.53 dB

Date: 16.NOV.2020 19:45:44

Middle Channel / 1RB0

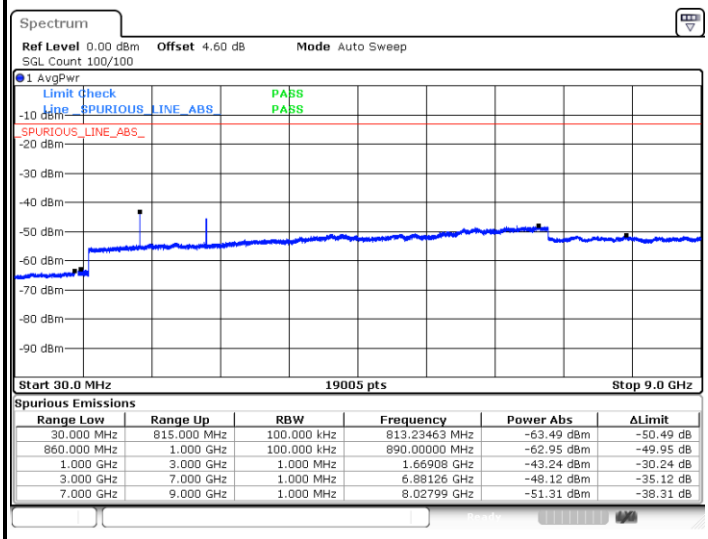


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.34 dBm	-50.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.87413 MHz	-62.45 dBm	-49.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65909 GHz	-42.88 dBm	-29.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88676 GHz	-48.22 dBm	-35.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.39115 GHz	-51.44 dBm	-38.44 dB

Date: 16.NOV.2020 20:43:01

Highest Channel / 1RB0



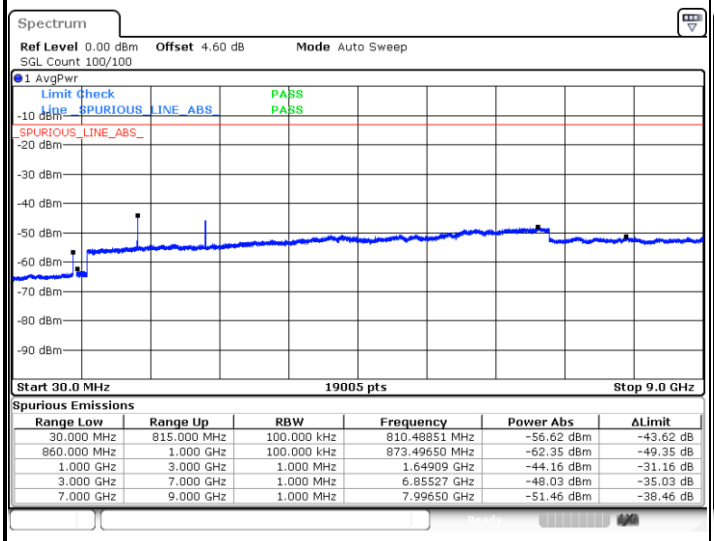
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-63.49 dBm	-50.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.00000 MHz	-62.95 dBm	-49.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.24 dBm	-30.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88126 GHz	-48.12 dBm	-35.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.02799 GHz	-51.31 dBm	-38.31 dB

Date: 16.NOV.2020 20:44:21

FR1 n5 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB0

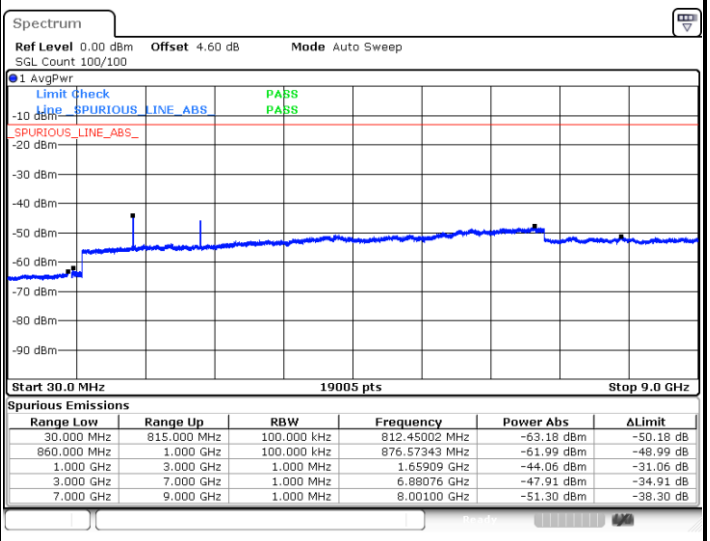


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-56.62 dBm	-43.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.49650 MHz	-62.35 dBm	-49.35 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-44.16 dBm	-31.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85527 GHz	-48.03 dBm	-35.03 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.99650 GHz	-51.46 dBm	-38.46 dB

Date: 16.NOV.2020 20:34:24

Middle Channel / 1RB0

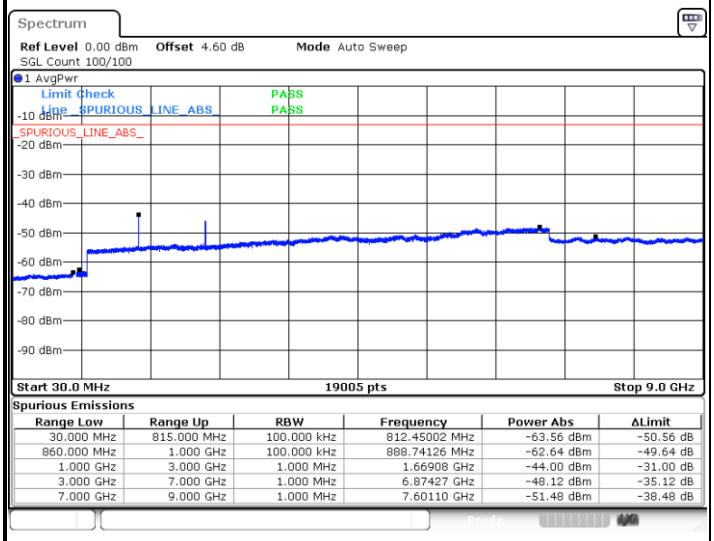


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-63.18 dBm	-50.18 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.57343 MHz	-61.99 dBm	-48.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65909 GHz	-44.06 dBm	-31.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88076 GHz	-47.91 dBm	-34.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00100 GHz	-51.30 dBm	-38.30 dB

Date: 16.NOV.2020 20:41:37

Highest Channel / 1RB0



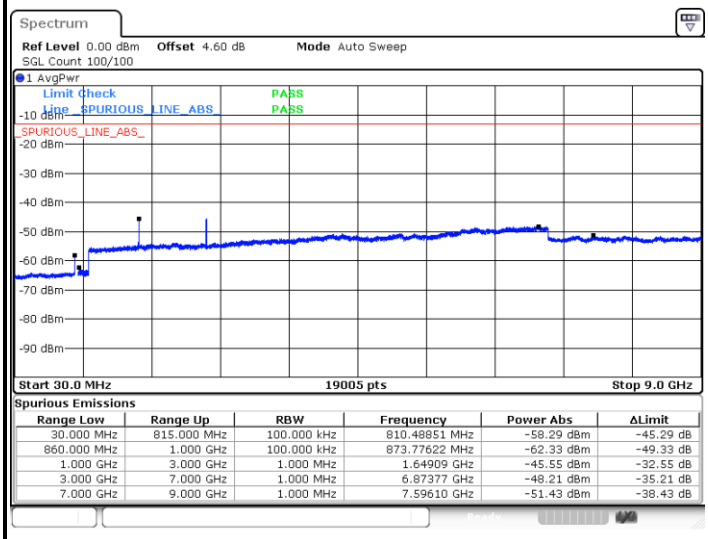
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.45002 MHz	-63.56 dBm	-50.56 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.74126 MHz	-62.64 dBm	-49.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.00 dBm	-31.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87427 GHz	-48.12 dBm	-35.12 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60110 GHz	-51.48 dBm	-38.48 dB

Date: 16.NOV.2020 20:45:34

FR1 n5 / 15MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB0

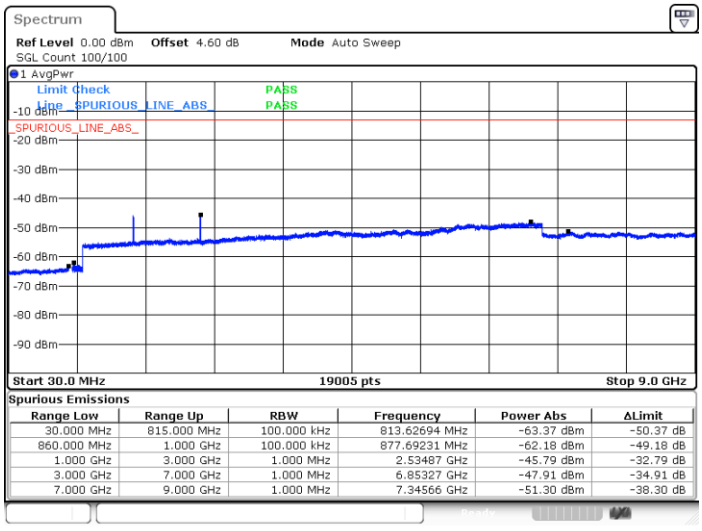


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-58.29 dBm	-45.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.77622 MHz	-62.33 dBm	-49.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.55 dBm	-32.55 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87377 GHz	-48.21 dBm	-35.21 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.59610 GHz	-51.43 dBm	-38.43 dB

Date: 16.NOV.2020 20:35:08

Middle Channel / 1RB0

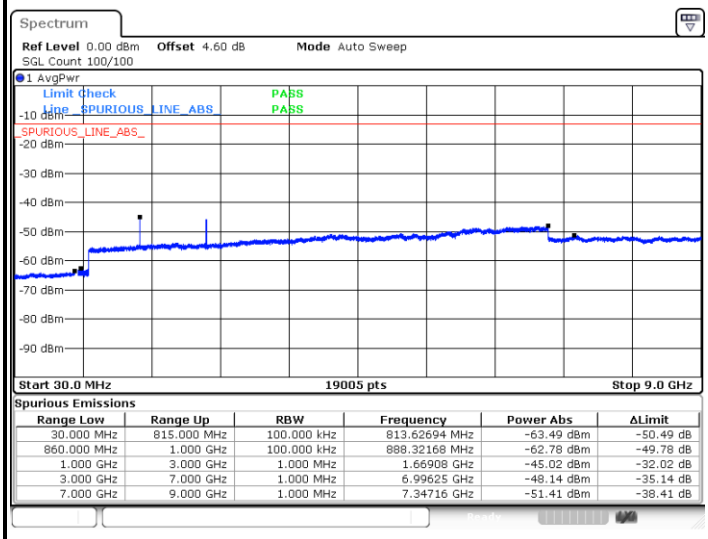


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-63.37 dBm	-50.37 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.69231 MHz	-62.18 dBm	-49.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53487 GHz	-45.79 dBm	-32.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85327 GHz	-47.91 dBm	-34.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34566 GHz	-51.30 dBm	-38.30 dB

Date: 16.NOV.2020 20:40:16

Highest Channel / 1RB0



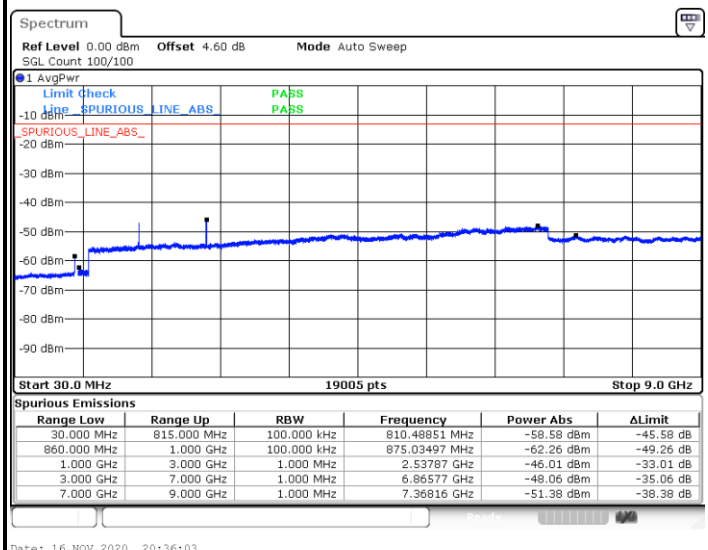
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.62694 MHz	-63.49 dBm	-50.49 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.32168 MHz	-62.78 dBm	-49.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-45.02 dBm	-32.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-48.14 dBm	-35.14 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34716 GHz	-51.41 dBm	-38.41 dB

Date: 16.NOV.2020 20:46:53

FR1 n5 / 5MHz / DFT-S OFDM / 64QAM

Lowest Channel / 1RB0

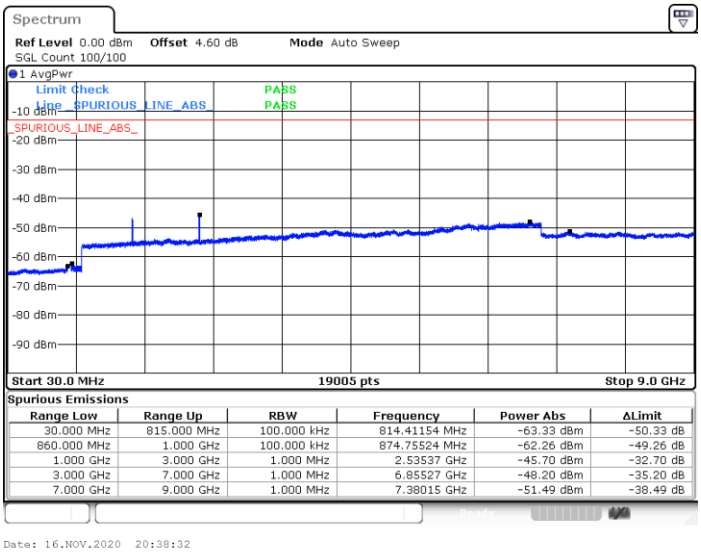


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-58.58 dBm	-45.58 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.03497 MHz	-62.26 dBm	-49.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53787 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86577 GHz	-48.06 dBm	-35.06 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36816 GHz	-51.38 dBm	-38.38 dB

Date: 16.NOV.2020 20:36:03

Middle Channel / 1RB0

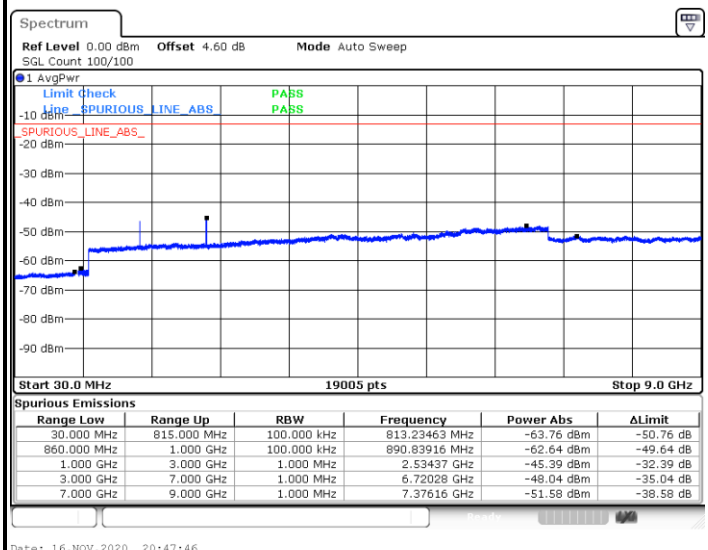


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-63.33 dBm	-50.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.75524 MHz	-62.26 dBm	-49.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53537 GHz	-45.70 dBm	-32.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85527 GHz	-48.20 dBm	-35.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38015 GHz	-51.49 dBm	-38.49 dB

Date: 16.NOV.2020 20:38:32

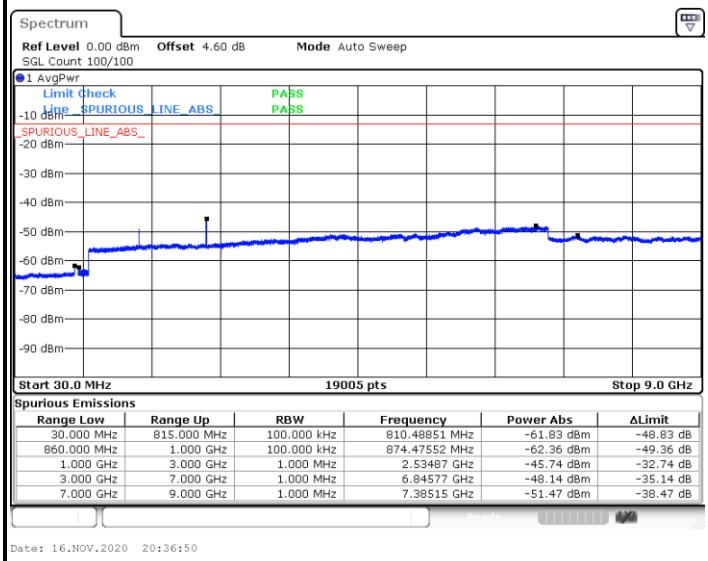
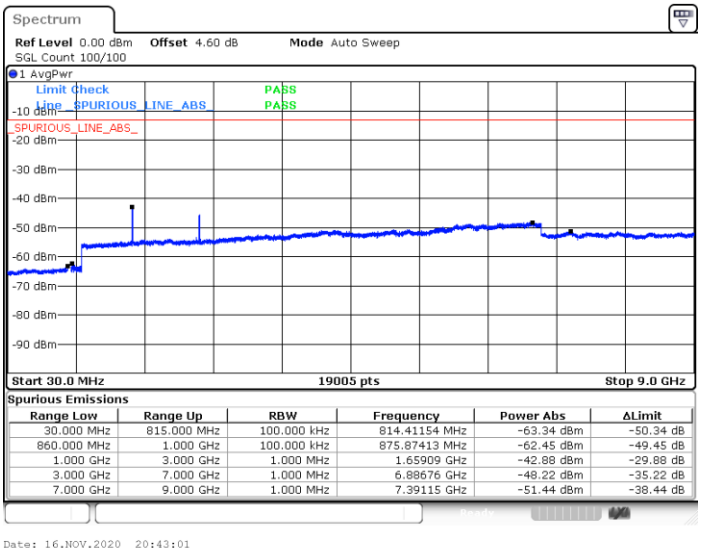
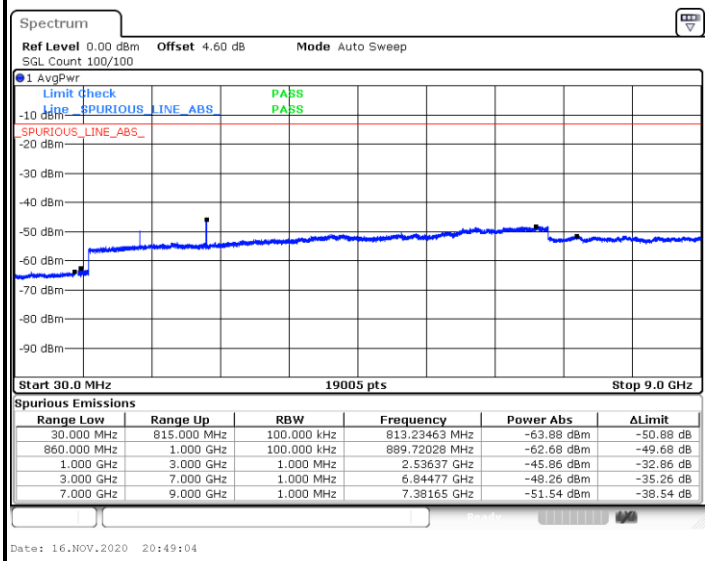
Highest Channel / 1RB0



Spurious Emissions

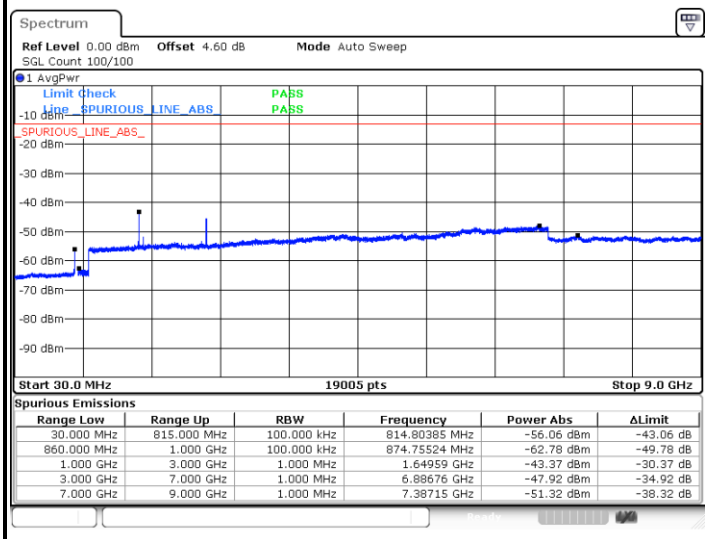
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-63.76 dBm	-50.76 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.83916 MHz	-62.64 dBm	-49.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53437 GHz	-45.39 dBm	-32.39 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.72028 GHz	-48.04 dBm	-35.04 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37616 GHz	-51.58 dBm	-38.58 dB

Date: 16.NOV.2020 20:47:46

FR1 n5 / 15MHz / DFT-S OFDM / 256QAM	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

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

Lowest Channel / 1RB0

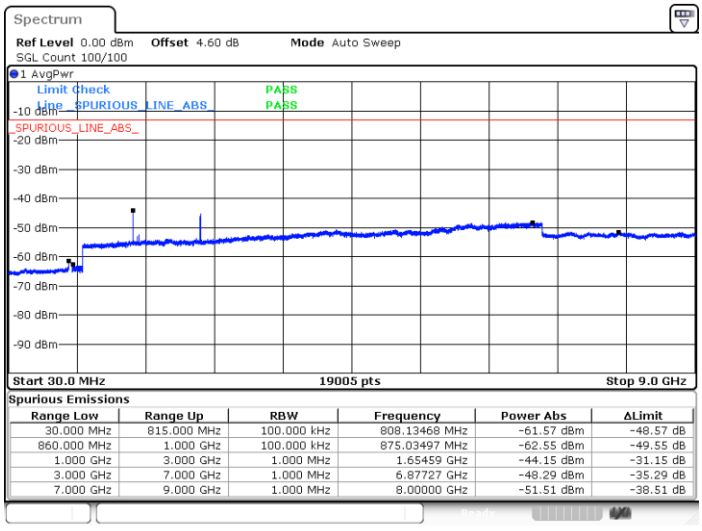


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-56.06 dBm	-43.06 dB
860.000 MHz	1.000 GHz	100.000 kHz	874.75524 MHz	-62.78 dBm	-49.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-43.37 dBm	-30.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88676 GHz	-47.92 dBm	-34.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38715 GHz	-51.32 dBm	-38.32 dB

Date: 16.NOV.2020 20:55:09

Middle Channel / 1RB0

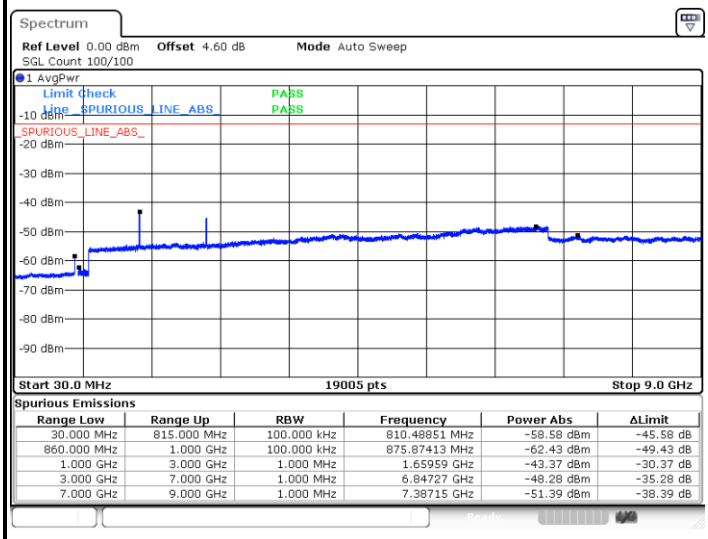


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.13468 MHz	-61.57 dBm	-48.57 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.03497 MHz	-62.55 dBm	-49.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65459 GHz	-44.15 dBm	-31.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87727 GHz	-48.29 dBm	-35.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.00000 GHz	-51.51 dBm	-38.51 dB

Date: 16.NOV.2020 20:54:10

Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-58.58 dBm	-45.58 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.87413 MHz	-62.43 dBm	-49.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65959 GHz	-43.37 dBm	-30.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84727 GHz	-48.28 dBm	-35.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38715 GHz	-51.39 dBm	-38.39 dB

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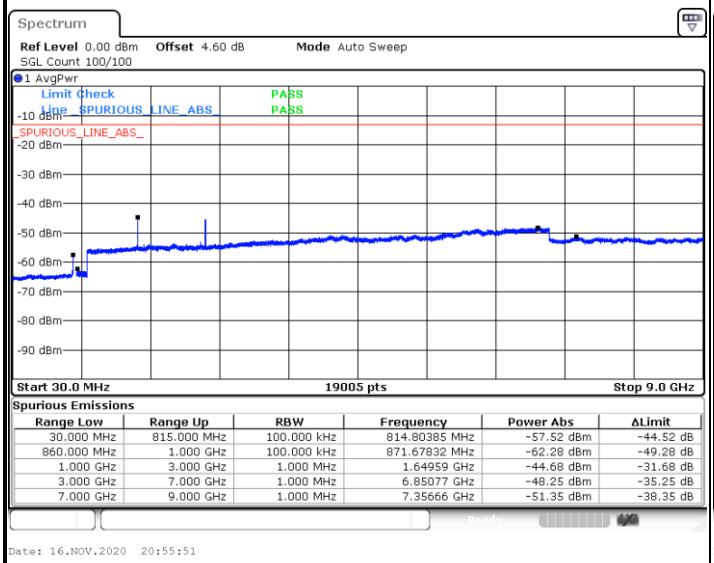
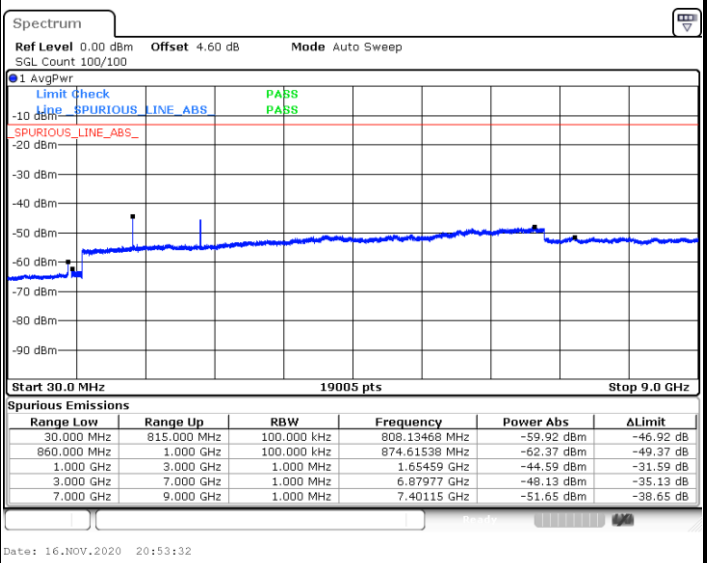
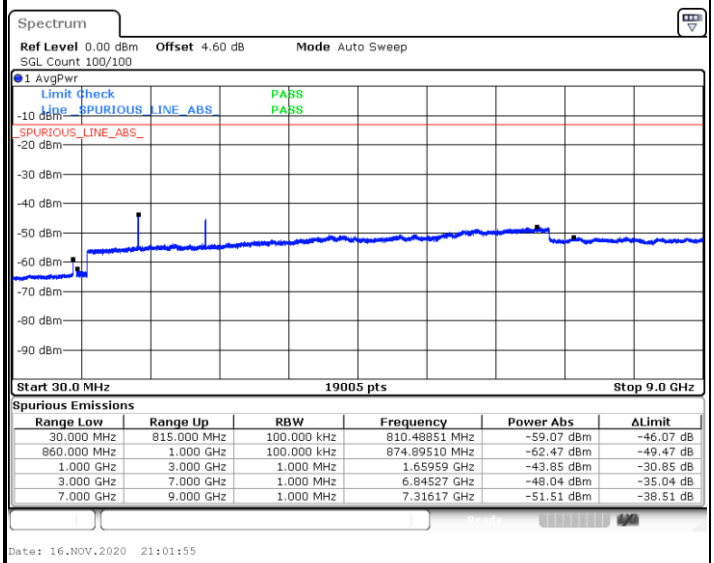
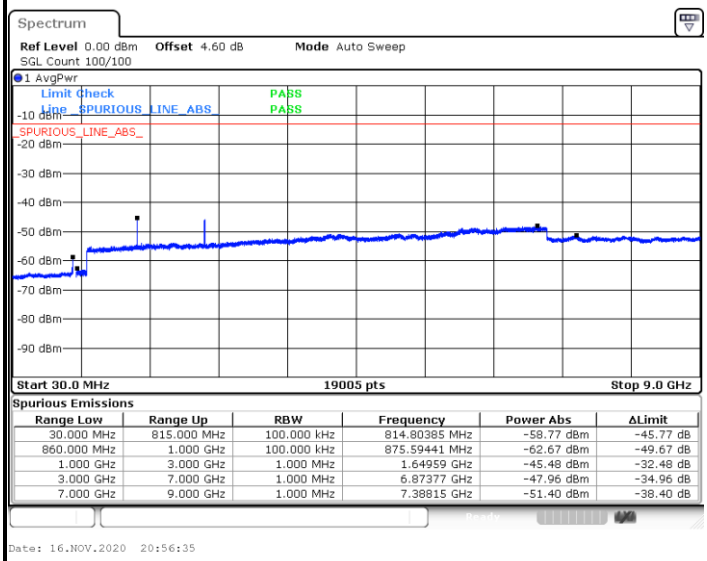
FR1 n5 / 20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

FR1 n5 / 5MHz / DFT-S OFDM / 16QAM

Lowest Channel / 1RB0

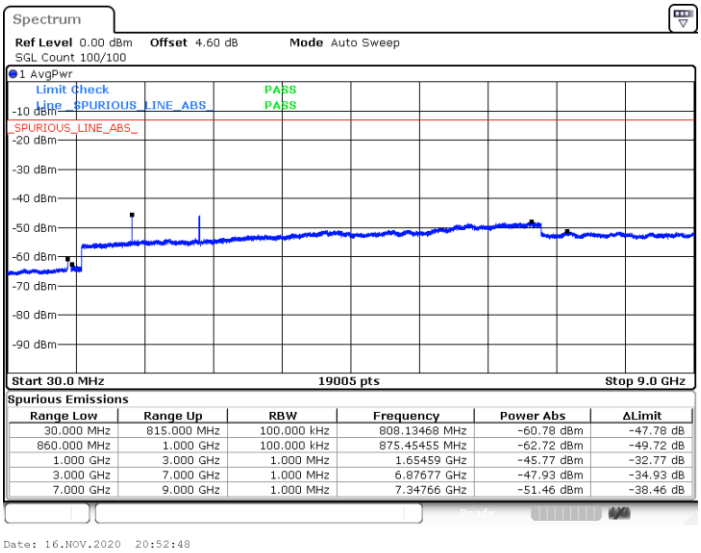


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-58.77 dBm	-45.77 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.59441 MHz	-62.67 dBm	-49.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-45.48 dBm	-32.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87377 GHz	-47.96 dBm	-34.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38815 GHz	-51.40 dBm	-38.40 dB

Date: 16.NOV.2020 20:56:35

Middle Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.13468 MHz	-60.78 dBm	-47.78 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.45455 MHz	-62.72 dBm	-49.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65459 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87677 GHz	-47.93 dBm	-34.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.34766 GHz	-51.46 dBm	-38.46 dB

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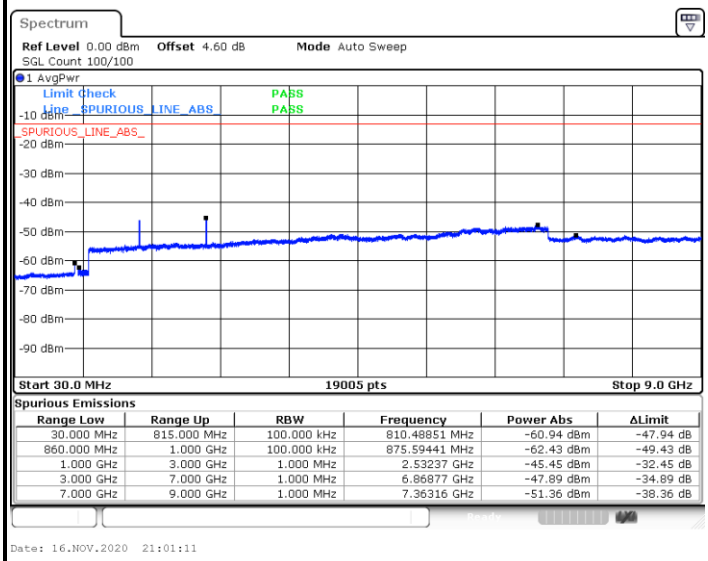
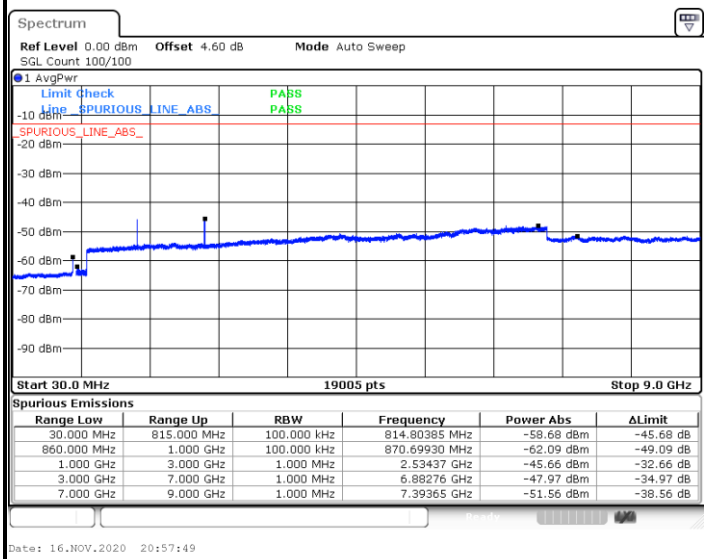
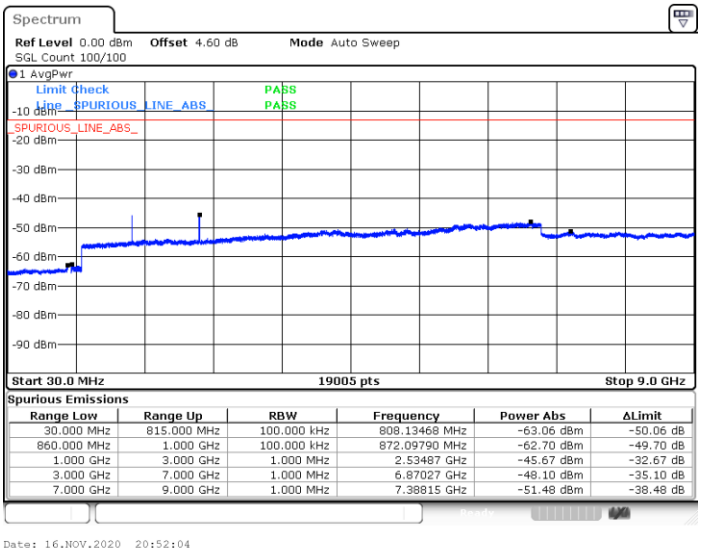
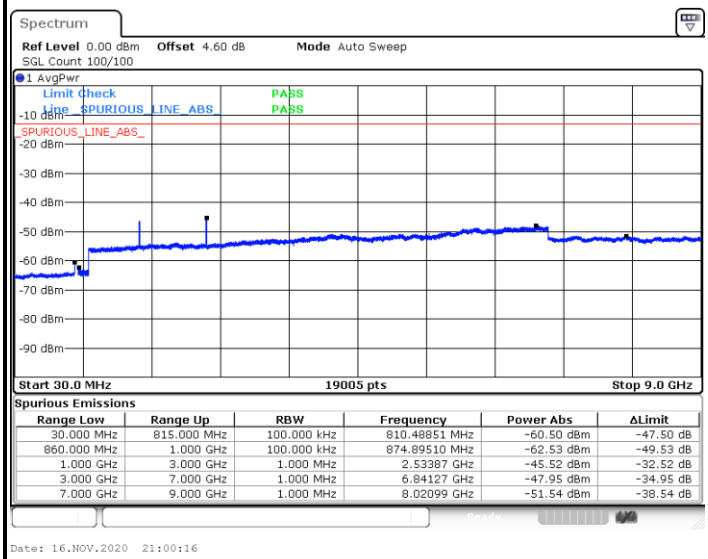
Highest Channel / 1RB0



Spurious Emissions

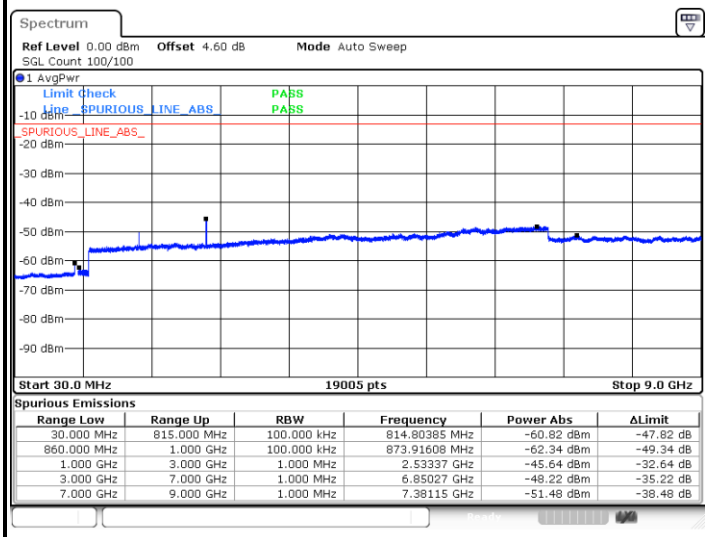
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-60.94 dBm	-47.94 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.59441 MHz	-62.43 dBm	-49.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53237 GHz	-45.45 dBm	-32.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86877 GHz	-47.89 dBm	-34.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.36316 GHz	-51.36 dBm	-38.36 dB

Date: 16.NOV.2020 21:01:11

FR1 n5 / 5MHz / DFT-S OFDM / 64QAM	
Lowest Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	
	

FR1 n5 / 5MHz / DFT-S OFDM / 256QAM

Lowest Channel / 1RB0

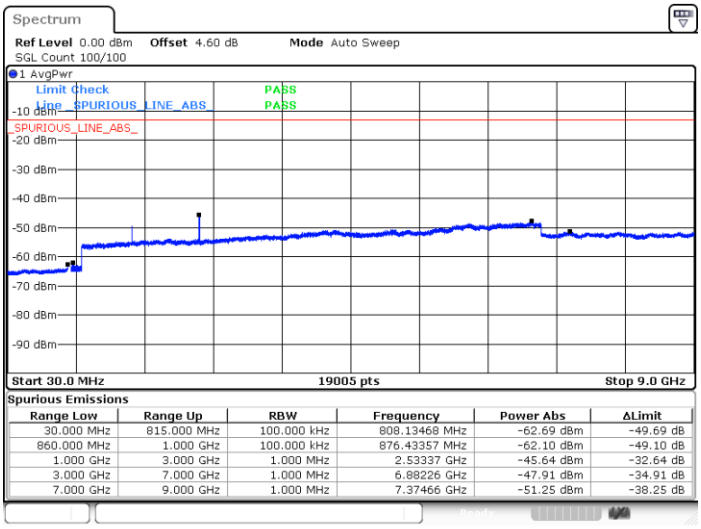


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-60.82 dBm	-47.82 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.91608 MHz	-62.34 dBm	-49.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53337 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-48.22 dBm	-35.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.38115 GHz	-51.48 dBm	-38.48 dB

Date: 16.NOV.2020 20:58:28

Middle Channel / 1RB0

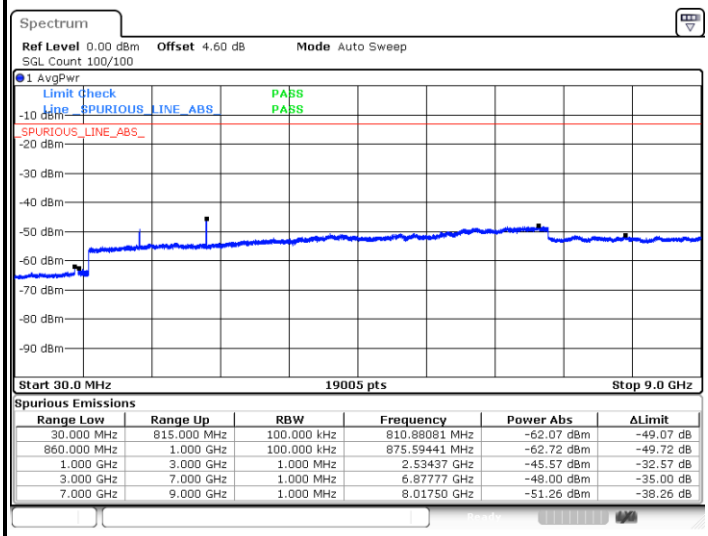


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	808.13468 MHz	-62.69 dBm	-49.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.43357 MHz	-62.10 dBm	-49.10 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53337 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88226 GHz	-47.91 dBm	-34.91 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.37466 GHz	-51.25 dBm	-38.25 dB

Date: 16.NOV.2020 20:51:21

Highest Channel / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.88081 MHz	-62.07 dBm	-49.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.59441 MHz	-62.72 dBm	-49.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53437 GHz	-45.57 dBm	-32.57 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-48.00 dBm	-35.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.01750 GHz	-51.26 dBm	-38.26 dB

Date: 16.NOV.2020 20:59:28

Frequency Stability

Test Conditions		FR1 n5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0006	

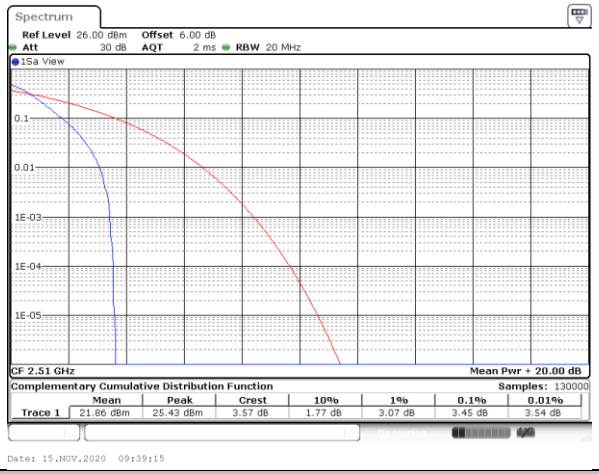
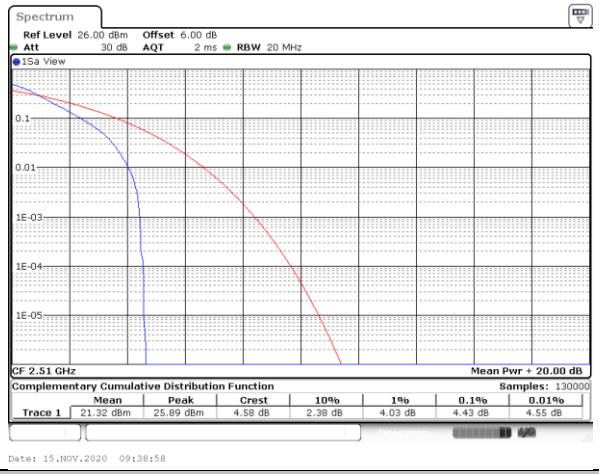
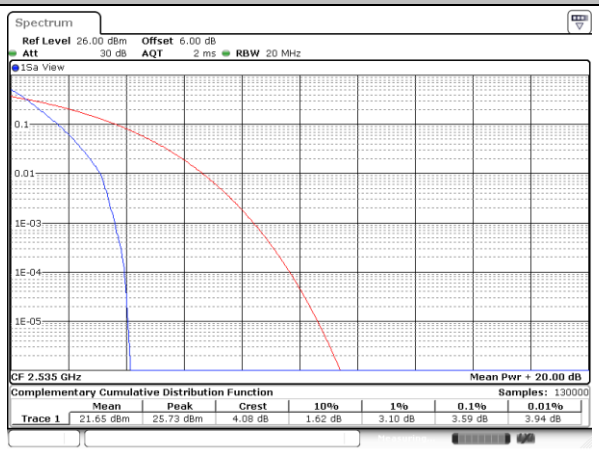
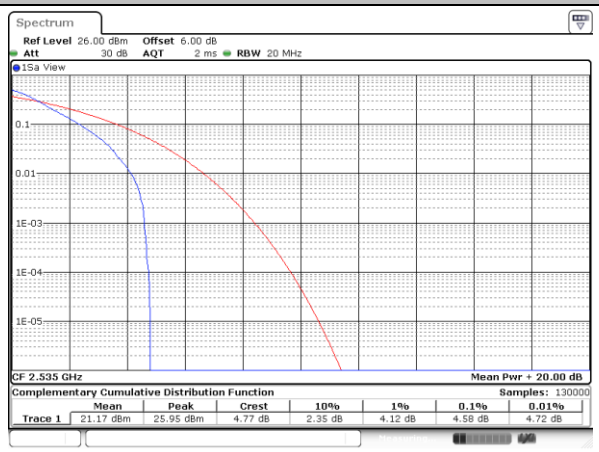
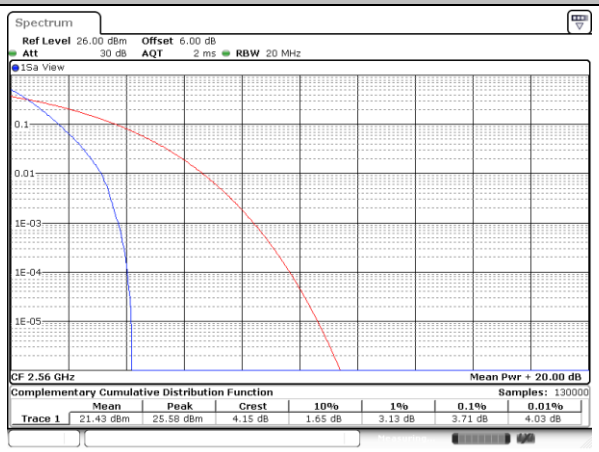
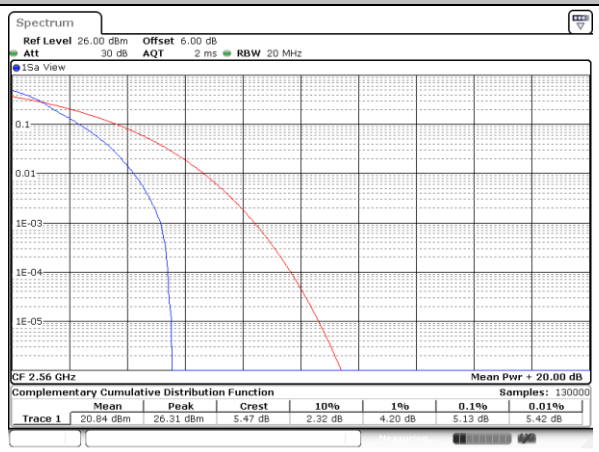
Note:

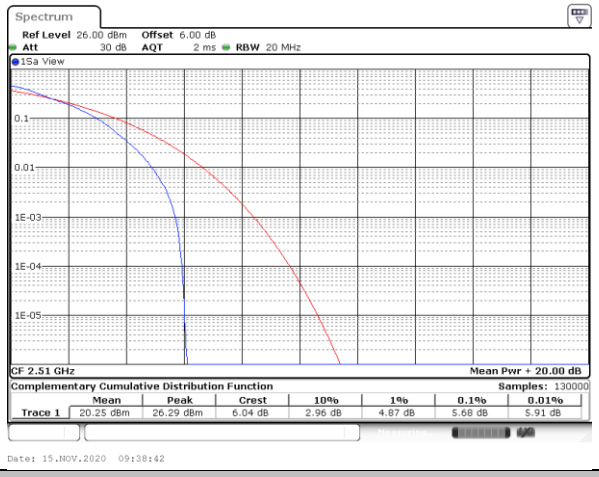
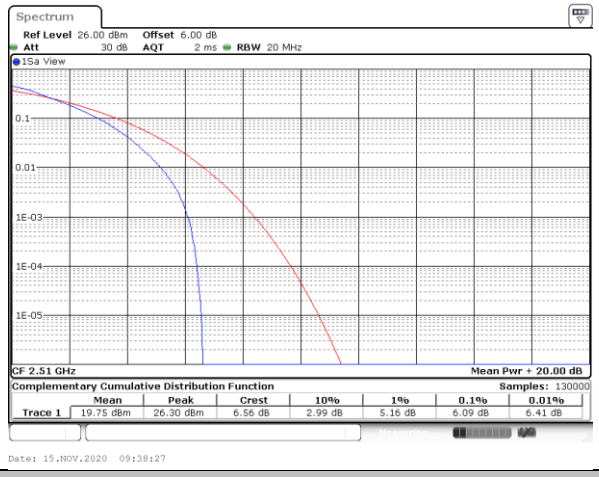
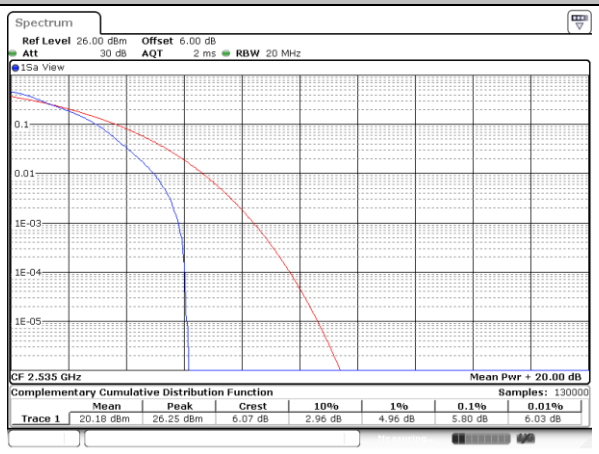
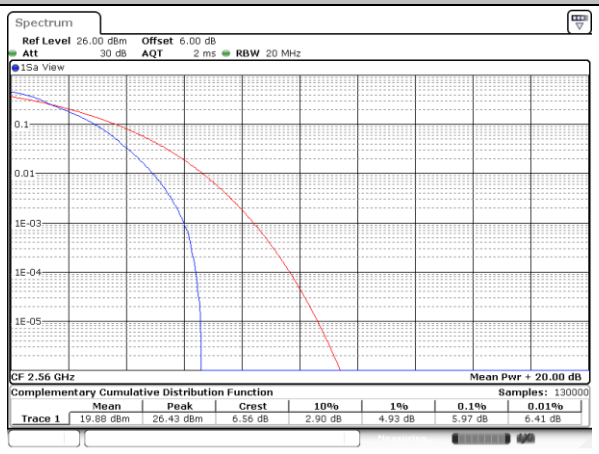
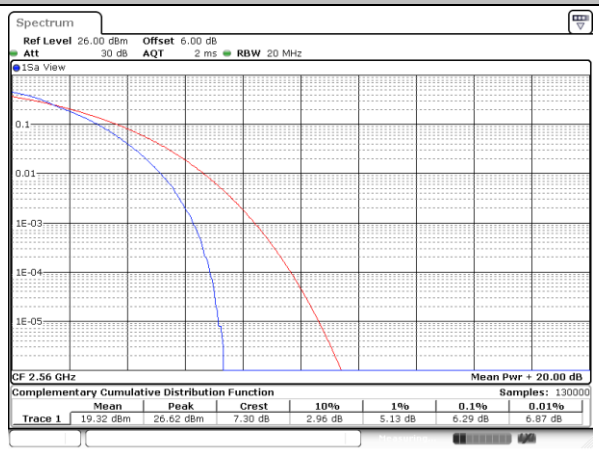
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n7

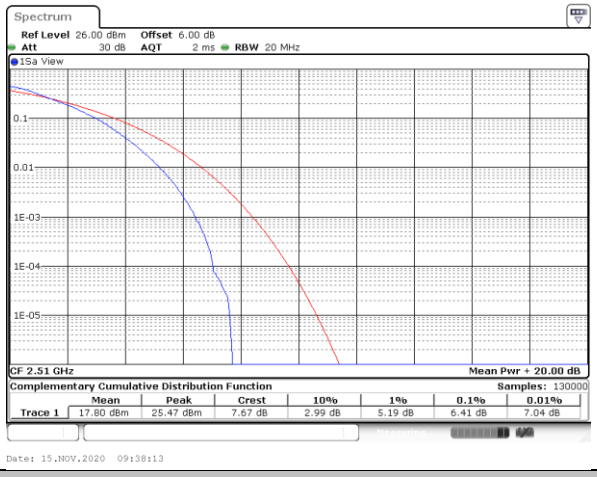
Peak-to-Average Ratio

Mode	FR1 n7 / 20MHz / DFT-S OFDM					
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	1RB0	1RB0	1RB0	1RB0	1RB0	Result
Lowest CH	3.59	4.03	5.33	5.57	7.07	PASS
Middle CH	4.17	3.74	4.96	5.30	7.04	
Highest CH	4.20	5.36	5.97	6.52	6.81	
Mode	FR1 n7 / 20MHz / DFT-S OFDM					
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Full RB	Result
Lowest CH	3.45	4.43	5.68	6.09	6.41	PASS
Middle CH	3.59	4.58	5.80	6.09	6.38	
Highest CH	3.71	5.13	5.97	6.29	6.49	

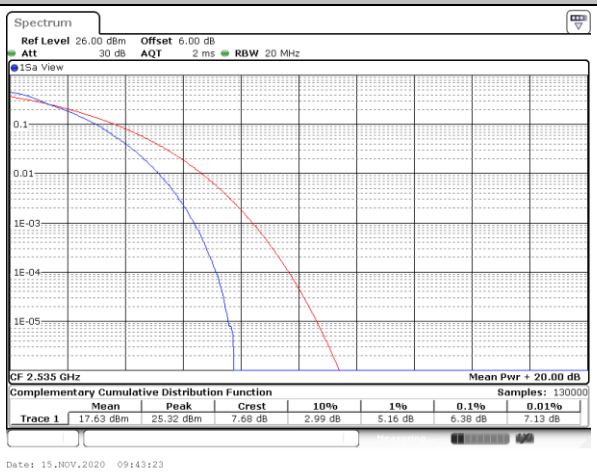
FR1 n7 / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

FR1 n7 / 20MHz / DFT-S OFDM	
16QAM	**64QAM**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

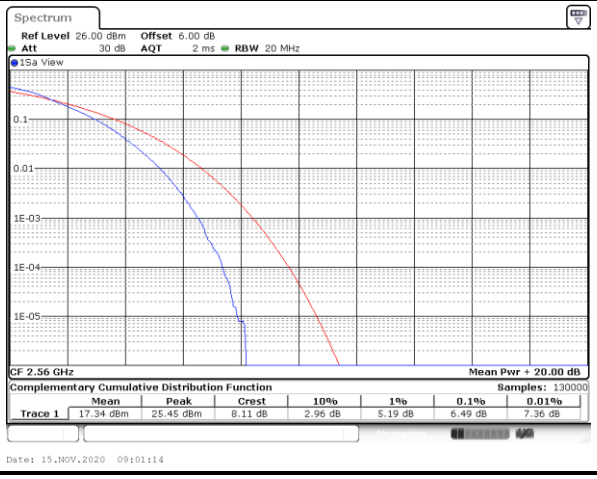
FR1 n7 / 20MHz / DFT-S OFDM
256QAM
Lowest Channel / Full RB

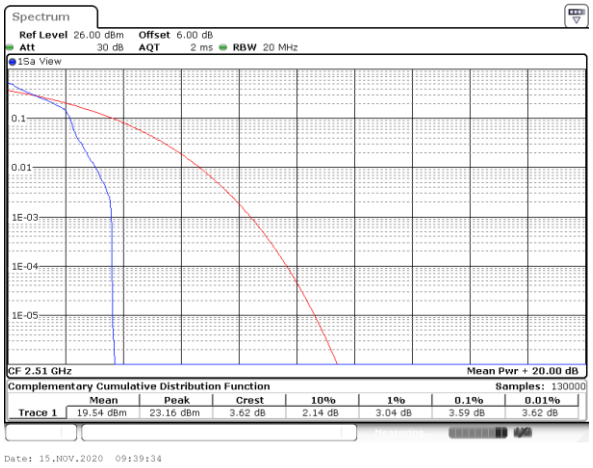
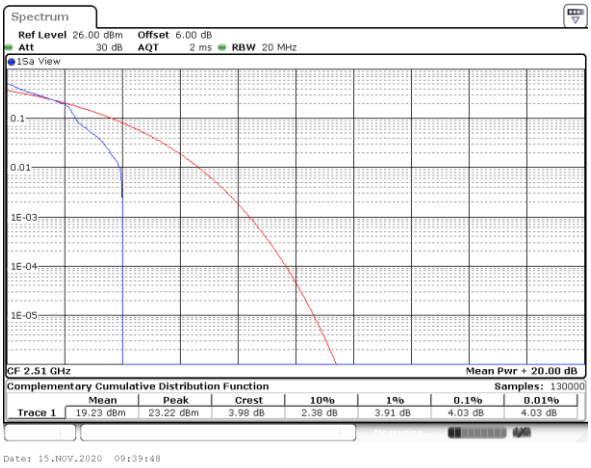
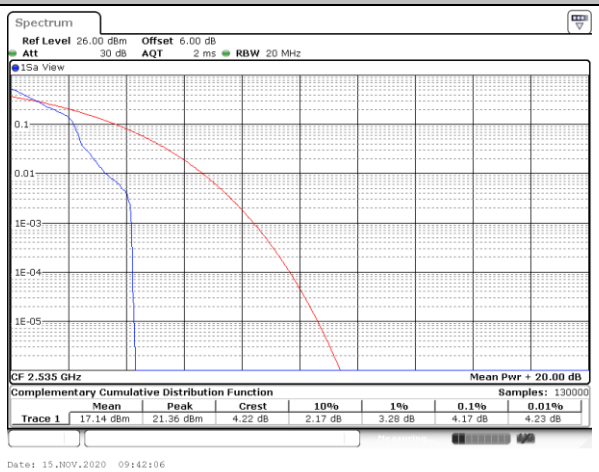
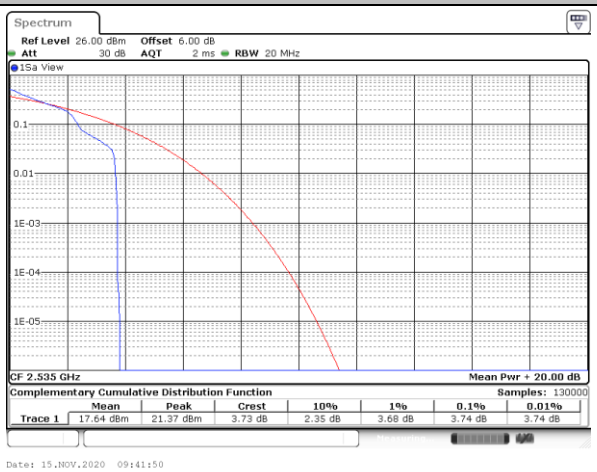
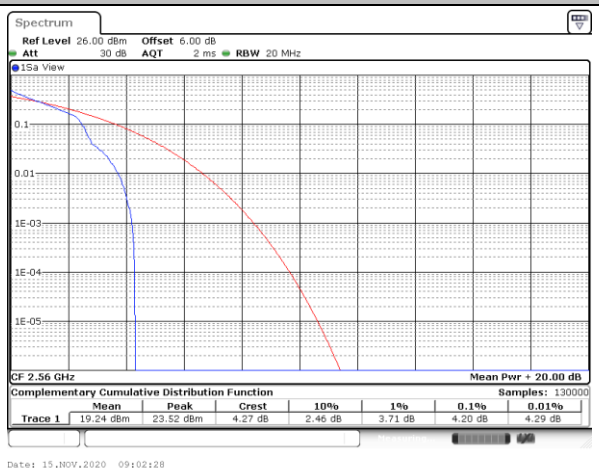
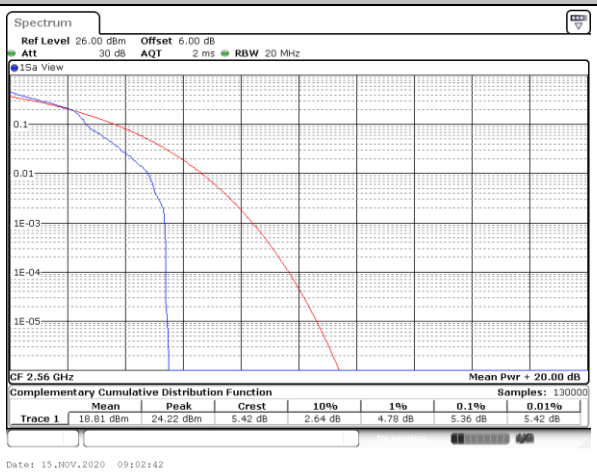


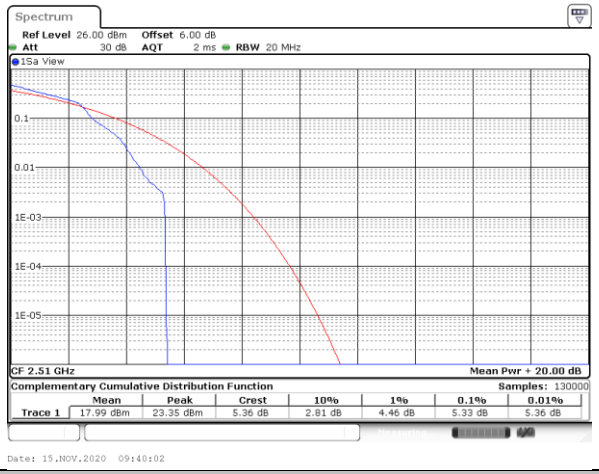
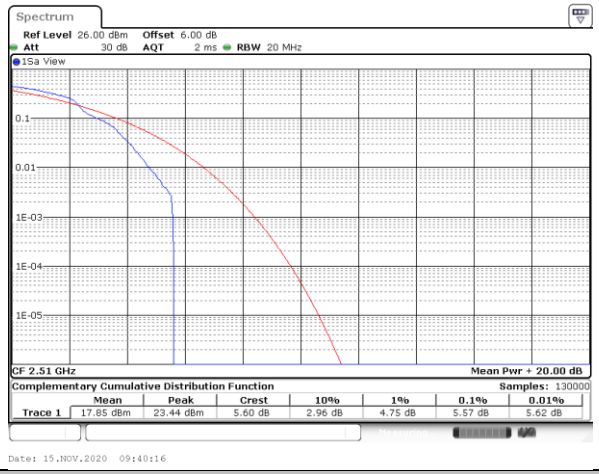
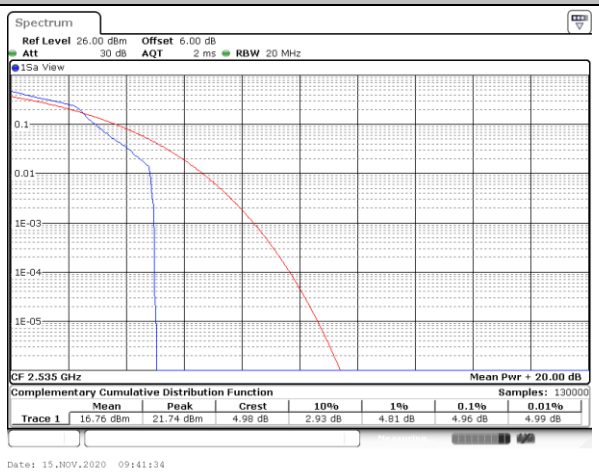
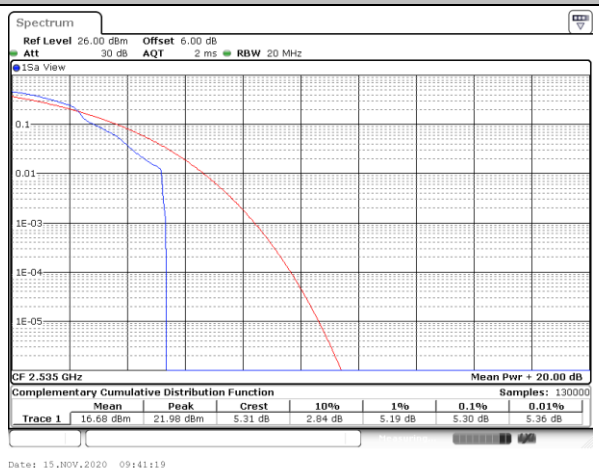
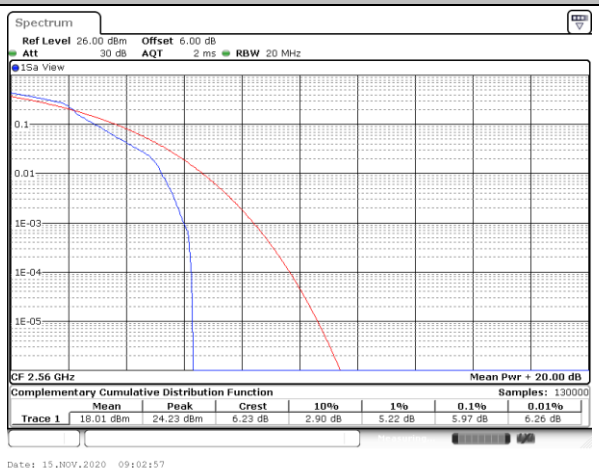
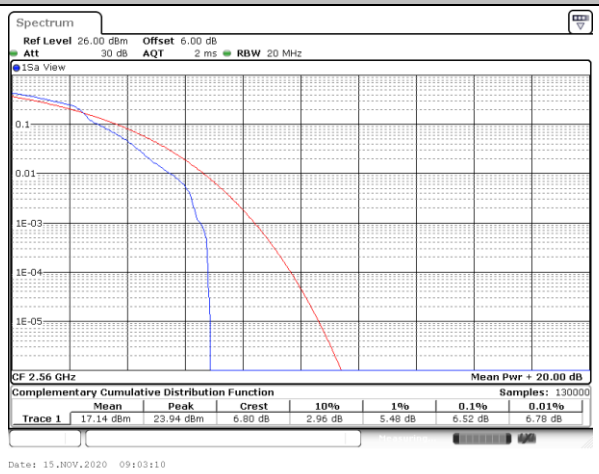
Middle Channel / Full RB



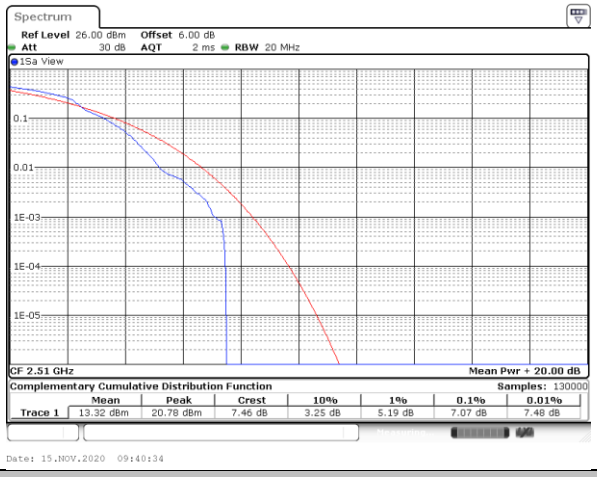
Highest Channel / Full RB



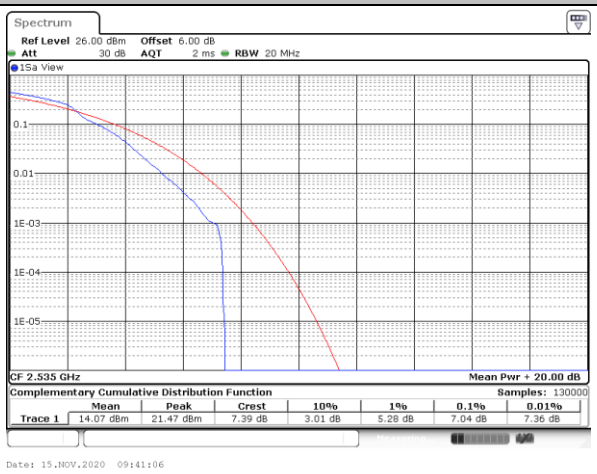
FR1 n7 / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / 1RB0	**Lowest Channel / 1RB0**
	
Middle Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	**Highest Channel /1RB0**
	

FR1 n7 / 20MHz / DFT-S OFDM	
16QAM	**64QAM**
Lowest Channel / 1RB0	**Lowest Channel /1RB0**
	
Middle Channel / 1RB0	**Middle Channel / 1RB0**
	
Highest Channel / 1RB0	**Highest Channel / 1RB0**
	

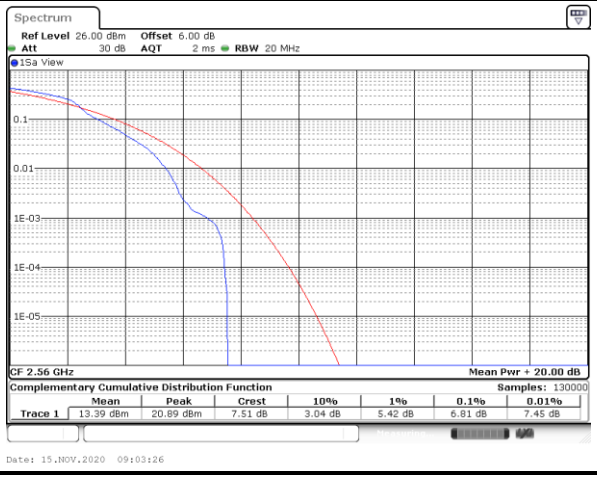
FR1 n7 / 20MHz / DFT-S OFDM
256QAM
Lowest Channel / 1RB0



Middle Channel / 1RB0



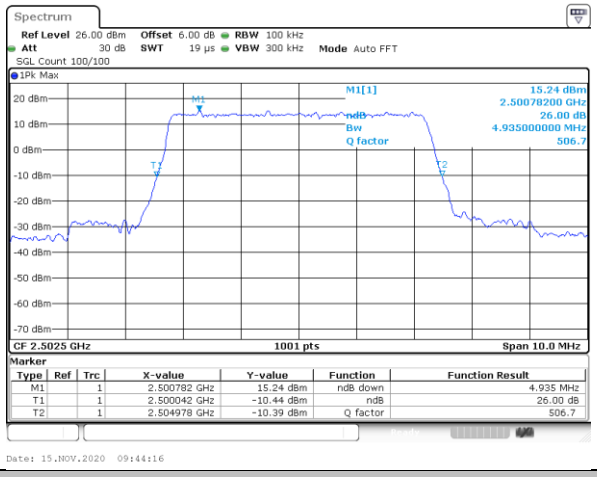
Highest Channel / 1RB0



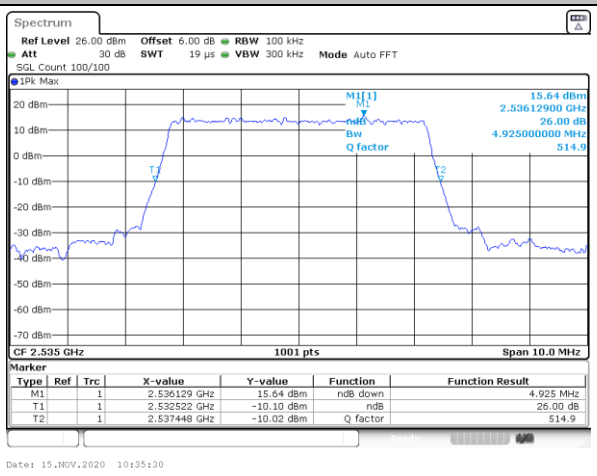
26dB Bandwidth

Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	BPSK		BPSK		BPSK		BPSK	
Lowest CH	4.94		9.79		14.36		19.94	
Middle CH	4.93		9.65		14.18		20.30	
Highest CH	4.96		9.81		14.24		20.26	
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.96	4.95	9.63	9.65	14.33	14.27	20.10	20.14
Middle CH	4.95	5.02	9.69	9.71	14.18	14.30	20.22	20.14
Highest CH	5.07	4.95	9.75	9.65	14.30	14.18	20.18	20.22
Mode	FR1 n7 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	4.94	4.90	9.71	9.73	14.30	14.21	20.14	20.06
Middle CH	4.93	4.91	9.75	9.87	14.18	14.36	20.10	20.14
Highest CH	4.98	4.95	9.77	9.77	14.27	14.24	20.18	20.26

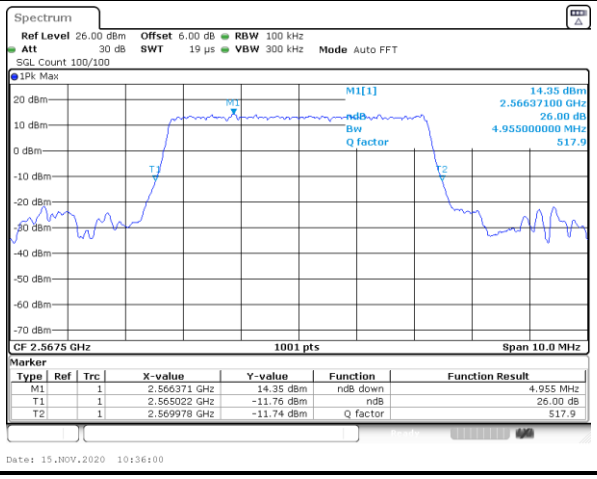
FR1 n7 / 5MHz / DFT-S OFDM
BPSK
Lowest Channel

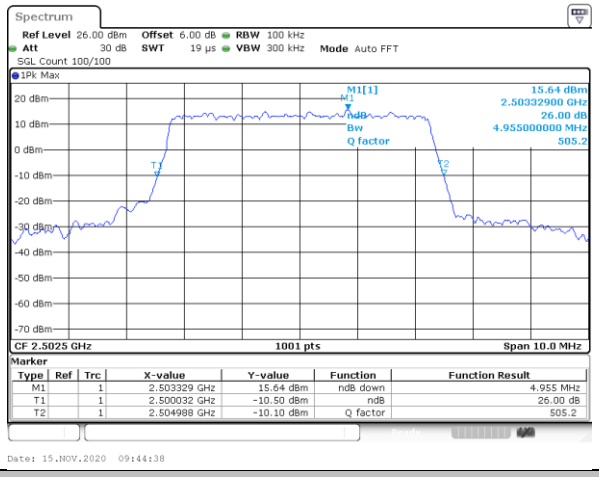
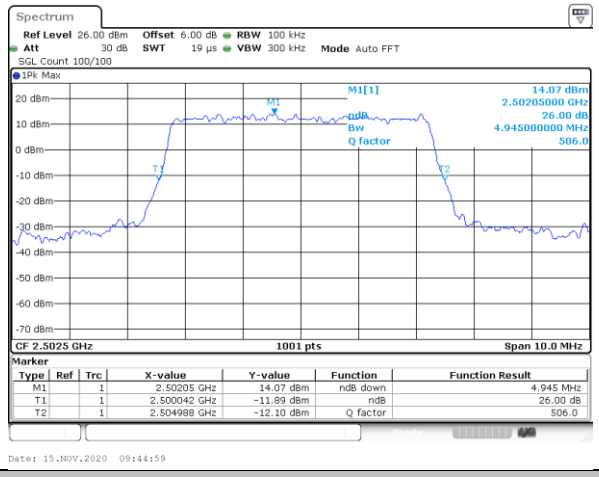
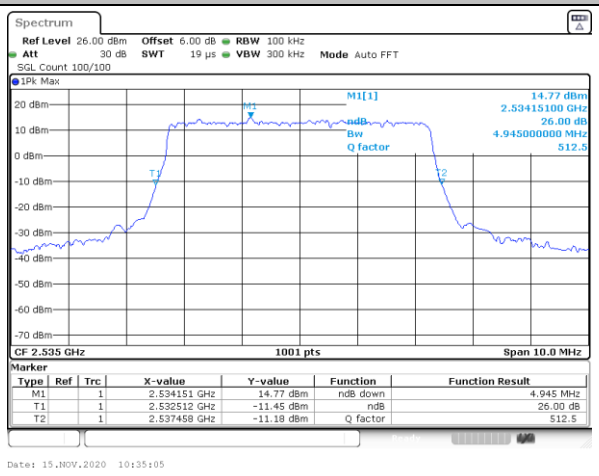
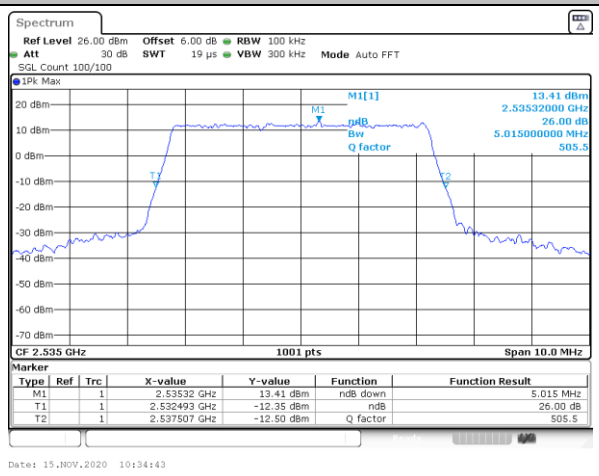
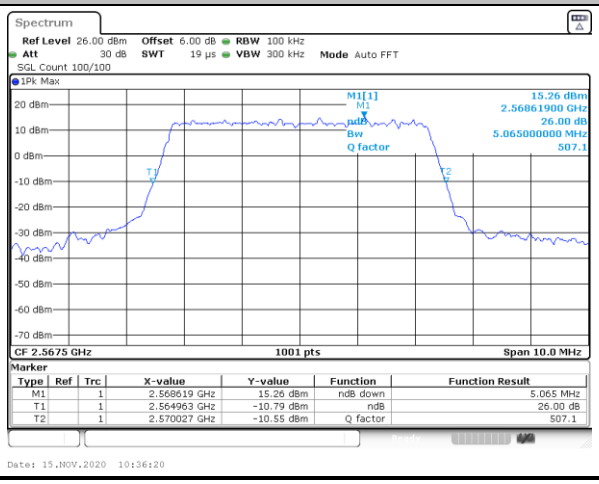
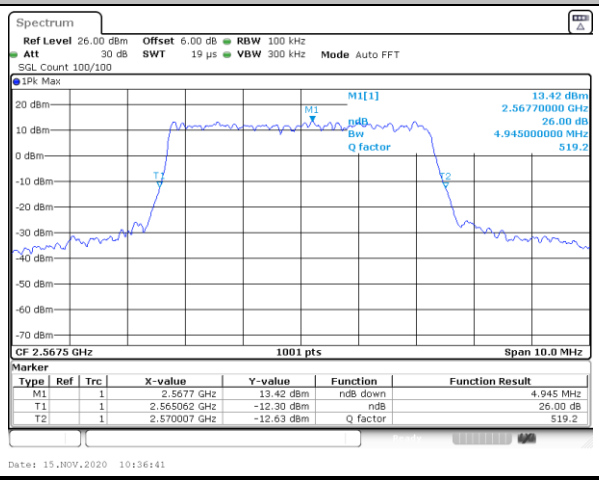


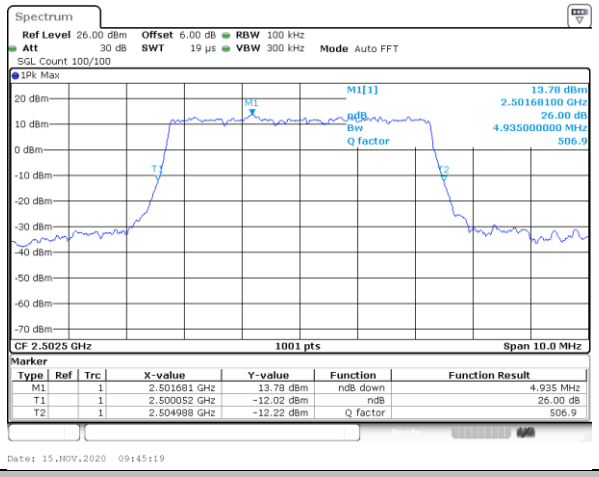
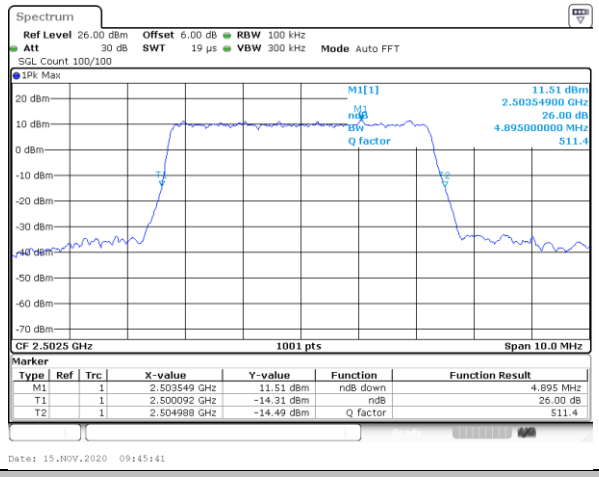
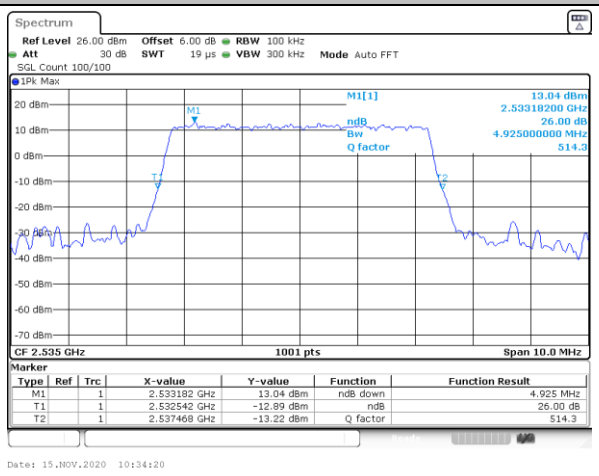
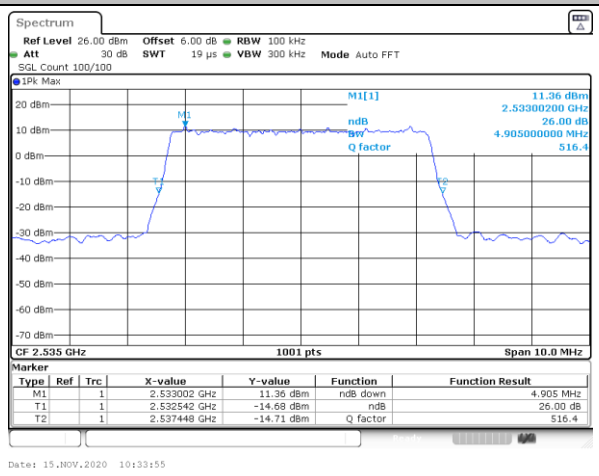
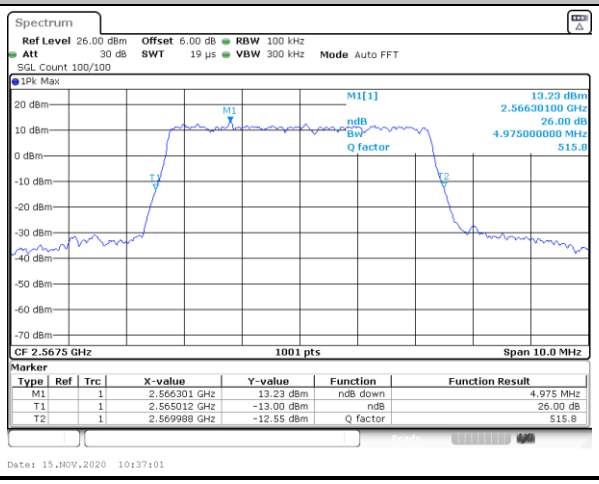
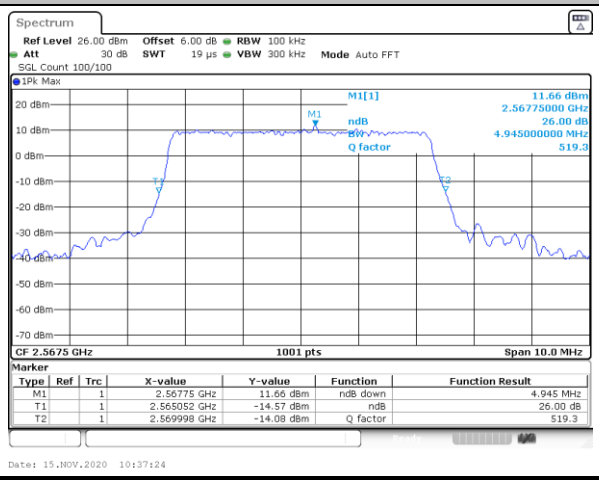
Middle Channel



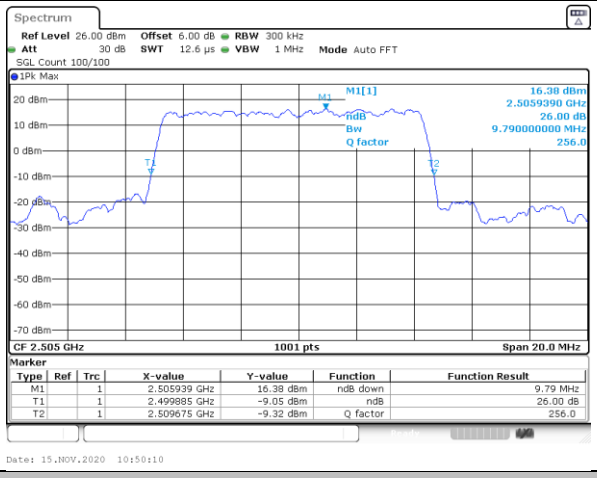
Highest Channel



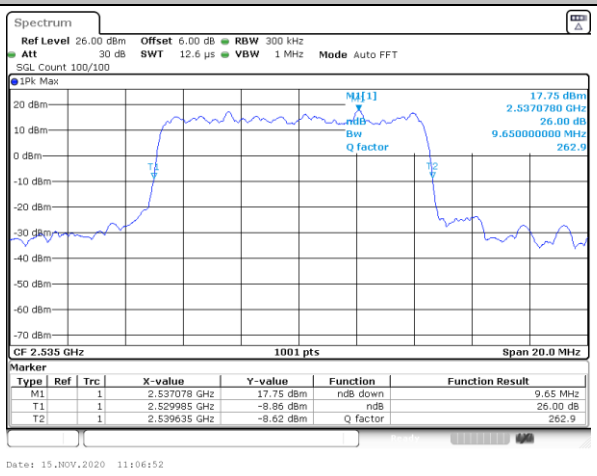
FR1 n7 / 5MHz / DFT-S OFDM	
QPSK	**16QAM**
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

FR1 n7 / 5MHz / DFT-S OFDM	
64QAM	**256QAM**
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**
	

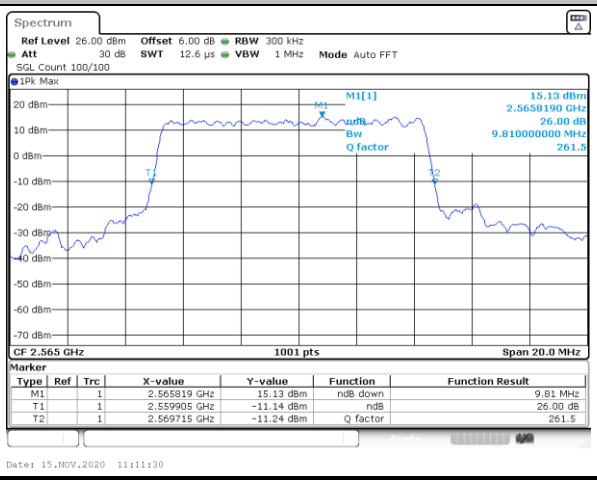
FR1 n7 / 10MHz / DFT-S OFDM
BPSK
Lowest Channel

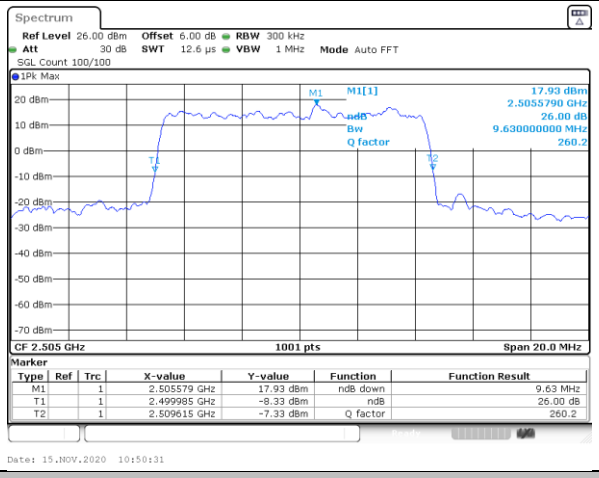
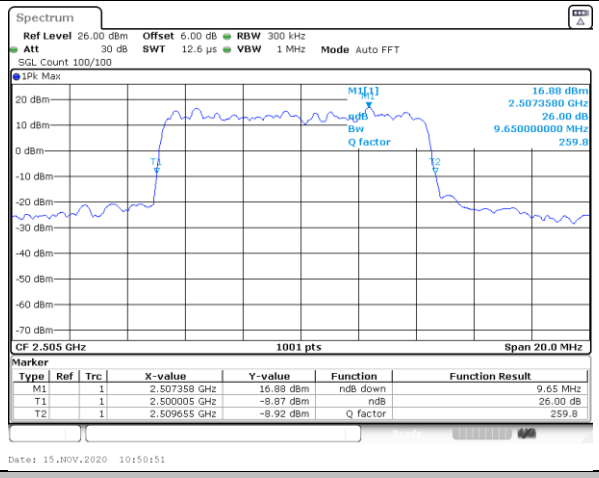
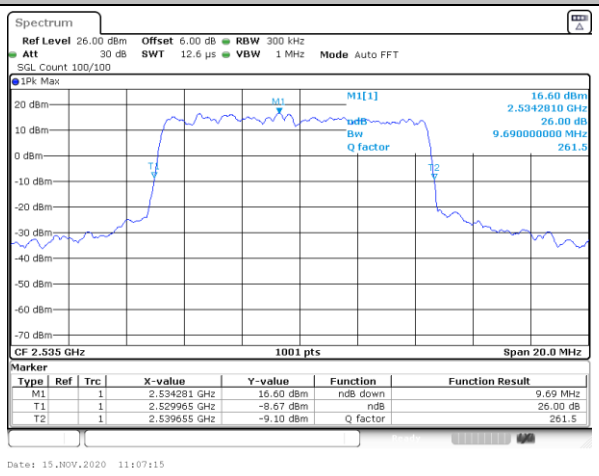
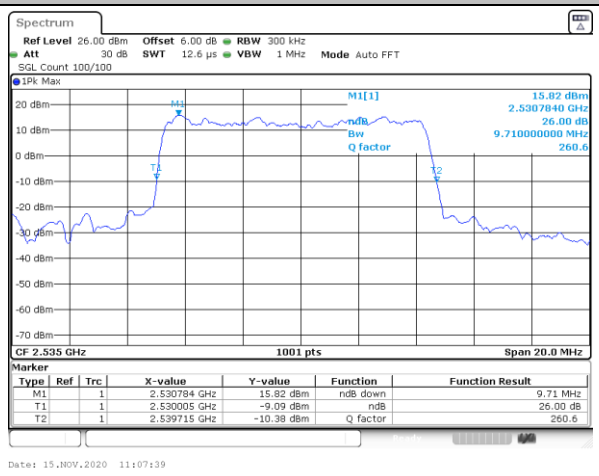
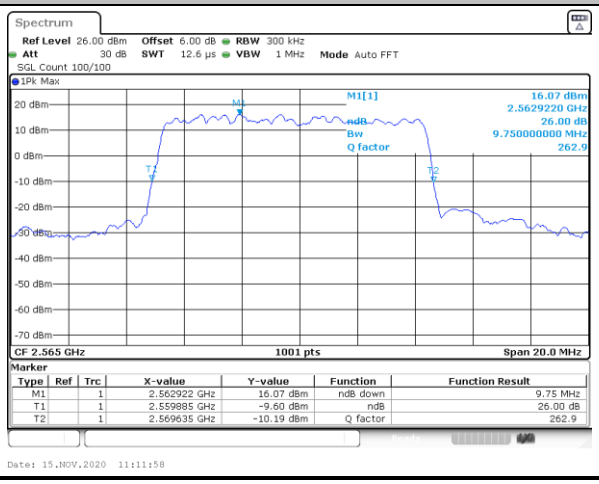
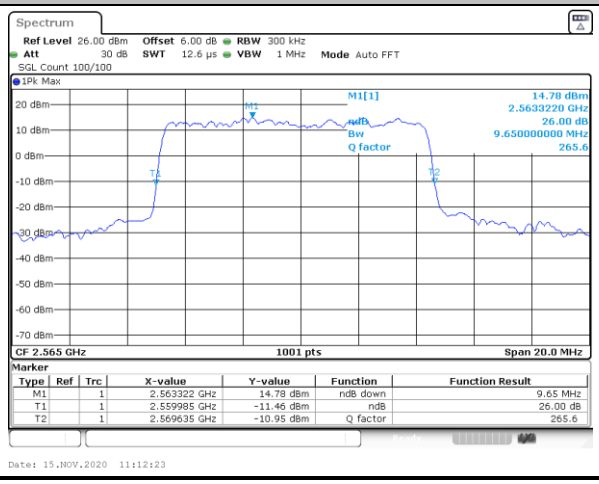


Middle Channel



Highest Channel



FR1 n7 / 10MHz / DFT-S OFDM	
QPSK	**16QAM**
Lowest Channel	**Lowest Channel**
	
Middle Channel	**Middle Channel**
	
Highest Channel	**Highest Channel**