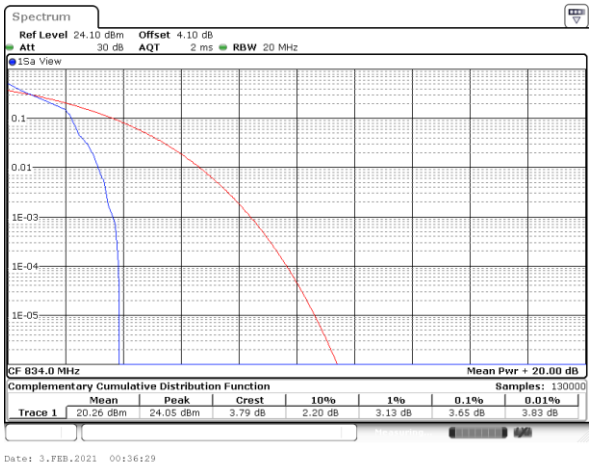
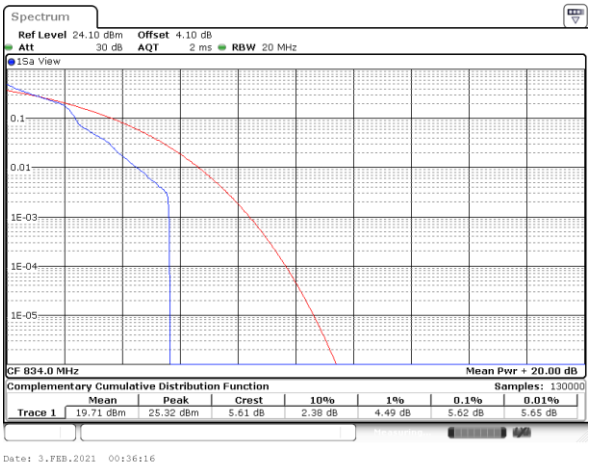
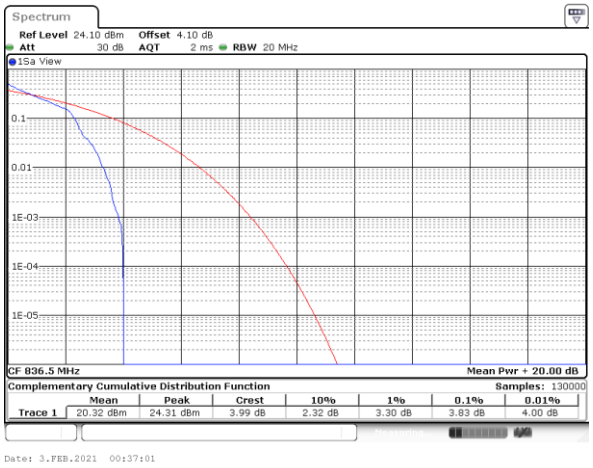
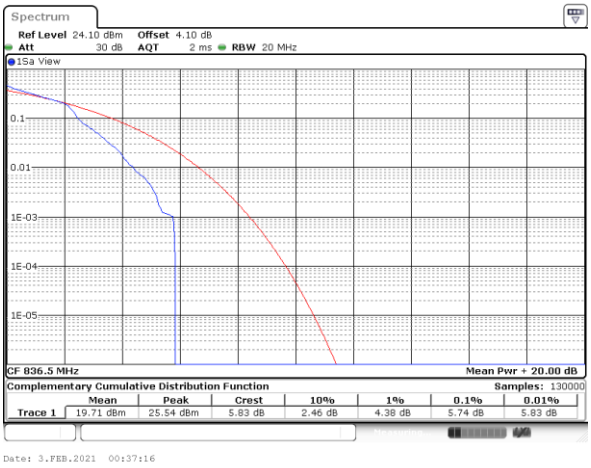
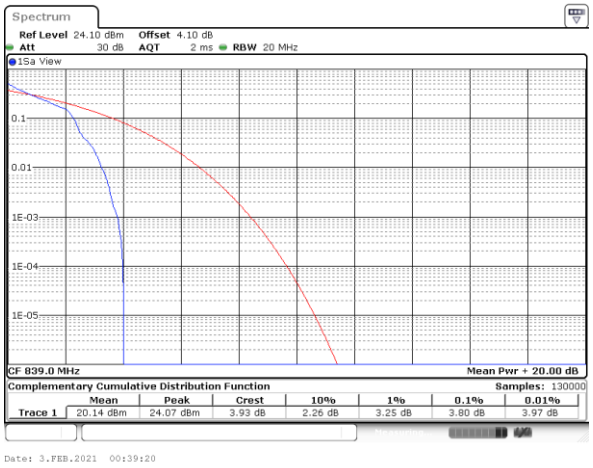
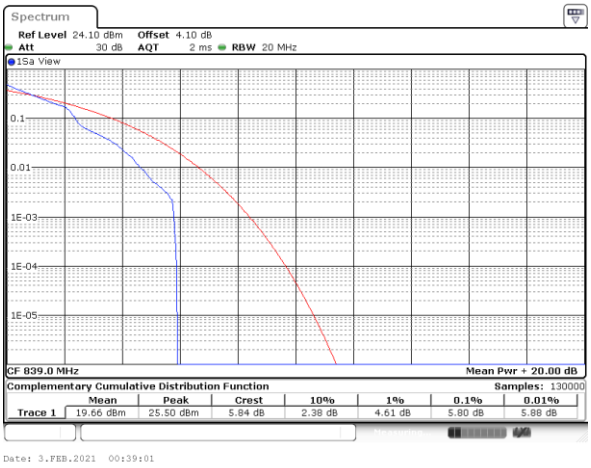
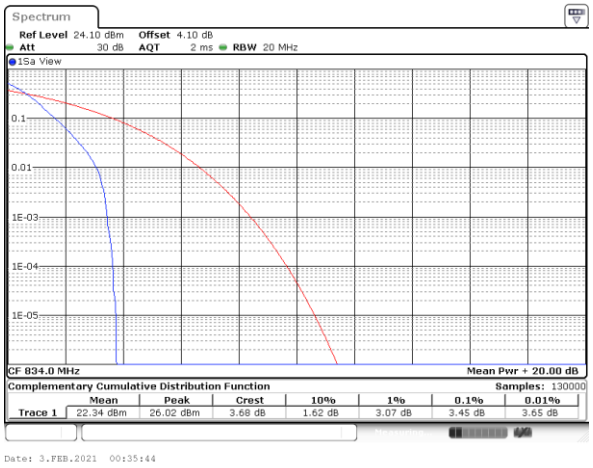
FR1 n5+2A / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / 1RB	**Lowest Channel / 1RB**
	
Middle Channel / 1 RB	**Middle Channel / 1 RB**
	
Highest Channel / 1 RB	**Highest Channel / 1 RB**
	

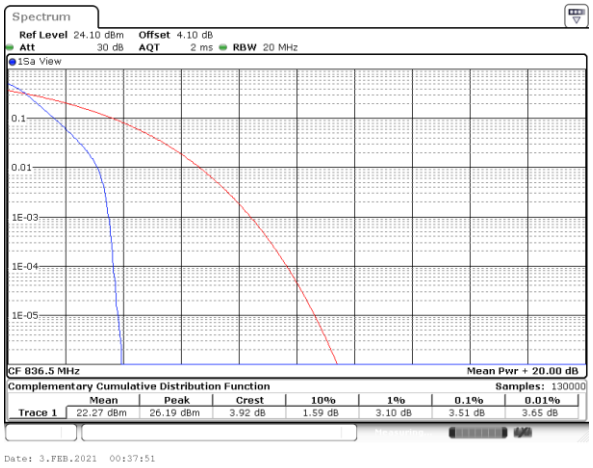
FR1 n5+2A / 20MHz / DFT-S OFDM

PI/2 BPSK

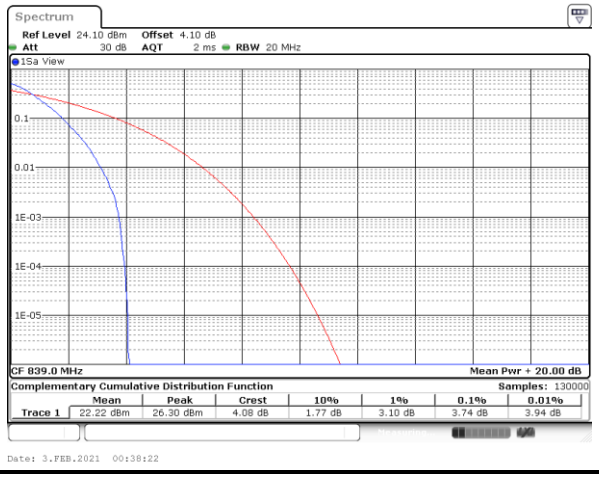
Lowest Channel / Full RB



Middle Channel / Full RB

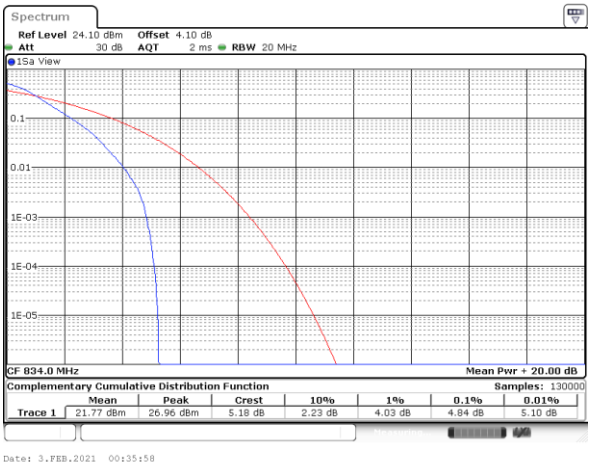


Highest Channel / Full RB

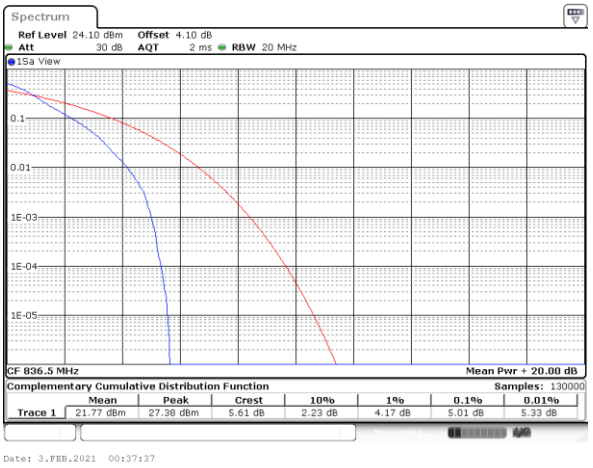


QPSK

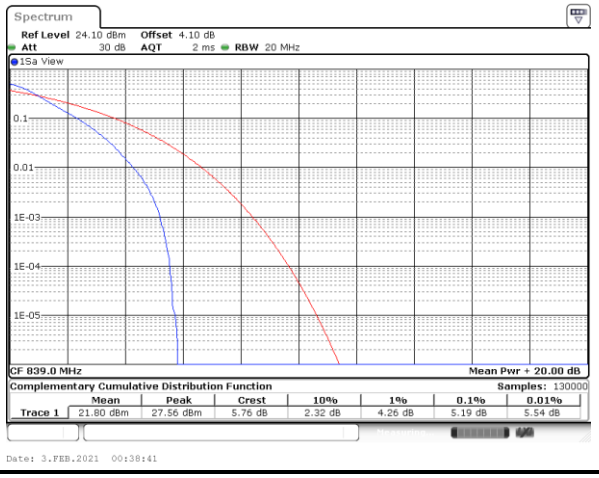
Lowest Channel / Full RB



Middle Channel / Full RB



Highest Channel / Full RB



26dB Bandwidth

Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM			
BW	5MHz	5MHz	5MHz	5MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	4.87	4.92	4.87	4.96

Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM			
BW	10MHz	10MHz	10MHz	10MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.71	9.91	9.81	9.79

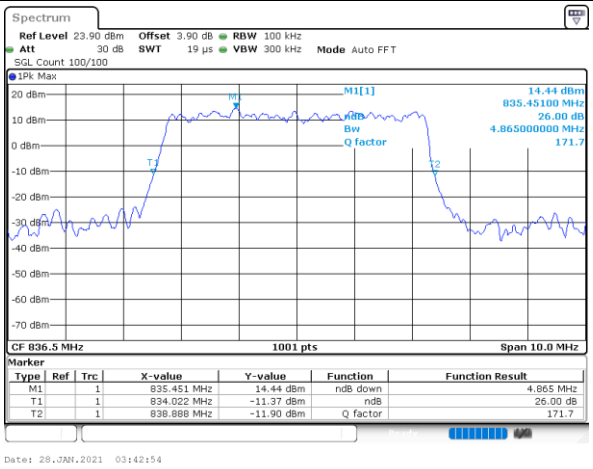
Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM			
BW	15MHz	15MHz	15MHz	15MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	14.93	14.87	14.93	14.93

Mode	FR1 n5+2A : 26dB BW(MHz) / CP-OFDM			
BW	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	19.90	19.90	19.78	19.82

FR1 n5+2A / 5MHz / CP-OFDM

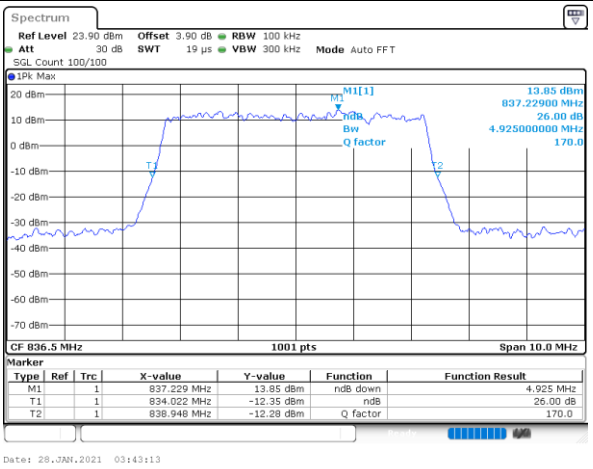
QPSK

Middle Channel



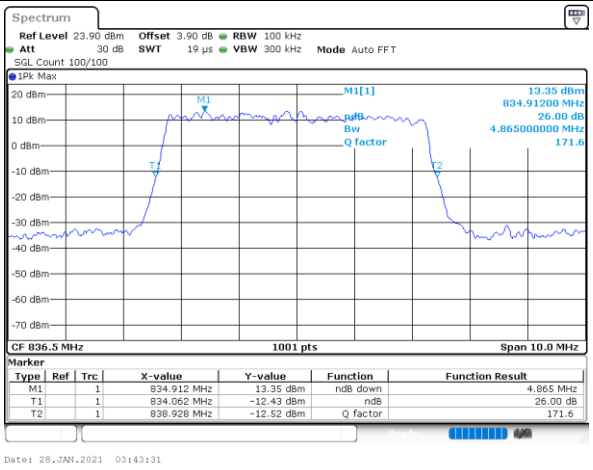
16QAM

Middle Channel



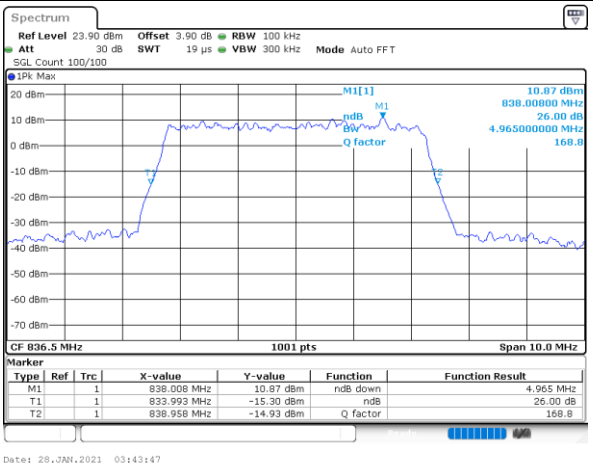
64QAM

Middle Channel



256QAM

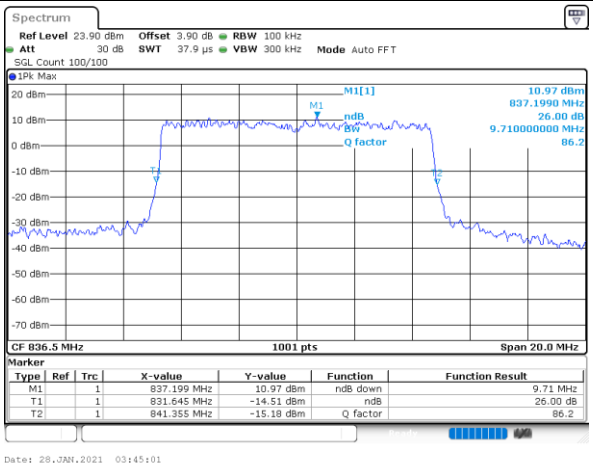
Middle Channel



FR1 n5+2A / 10MHz / CP-OFDM

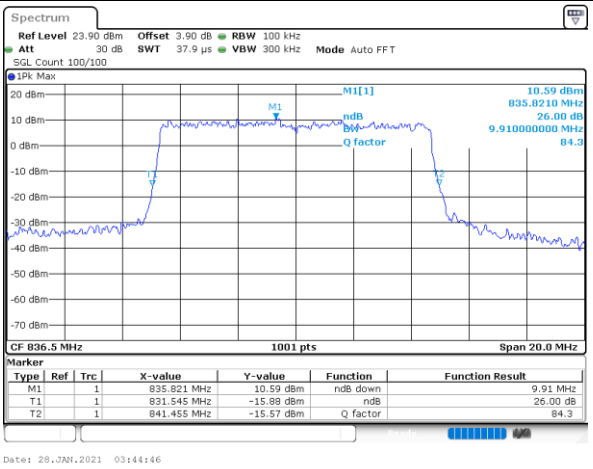
QPSK

Middle Channel



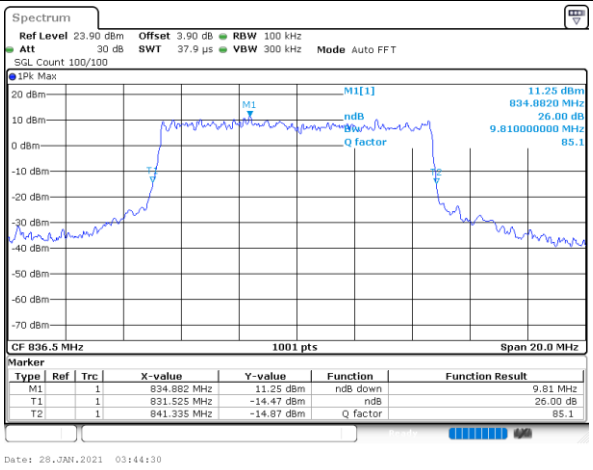
16QAM

Middle Channel



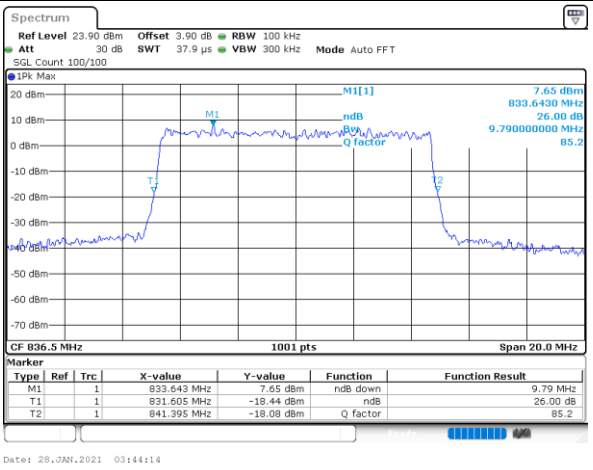
64QAM

Middle Channel



256QAM

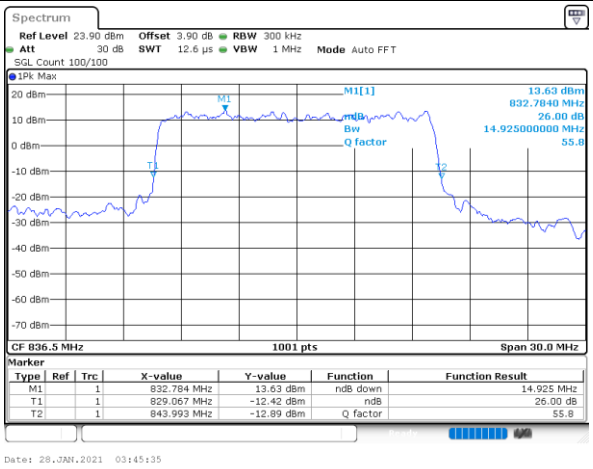
Middle Channel



FR1 n5+2A / 15MHz / CP-OFDM

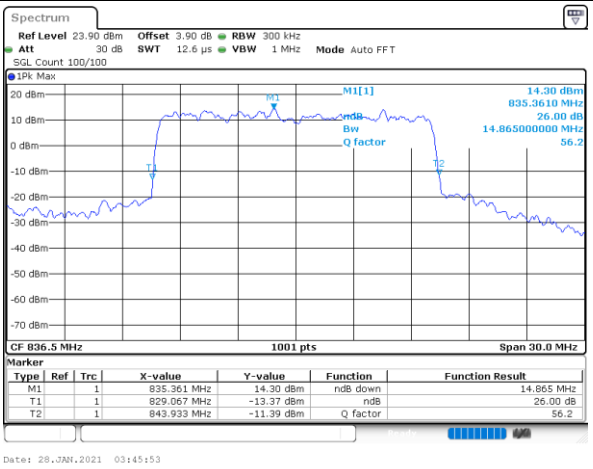
QPSK

Middle Channel



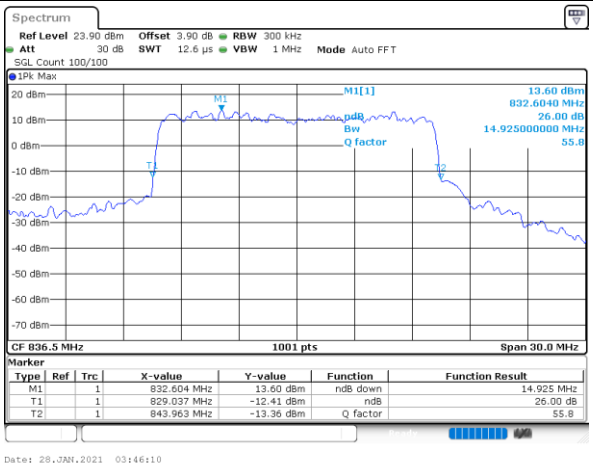
16QAM

Middle Channel



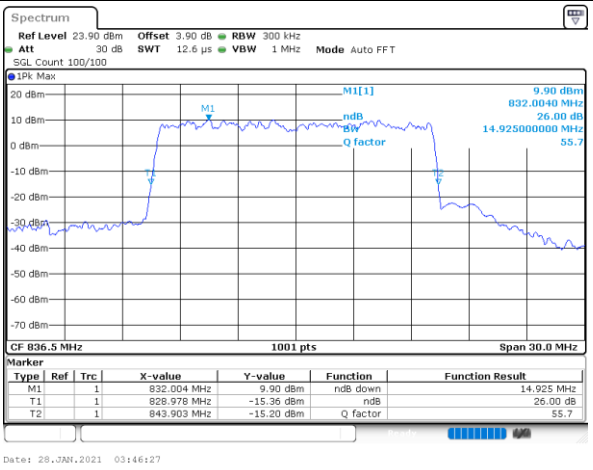
64QAM

Middle Channel



256QAM

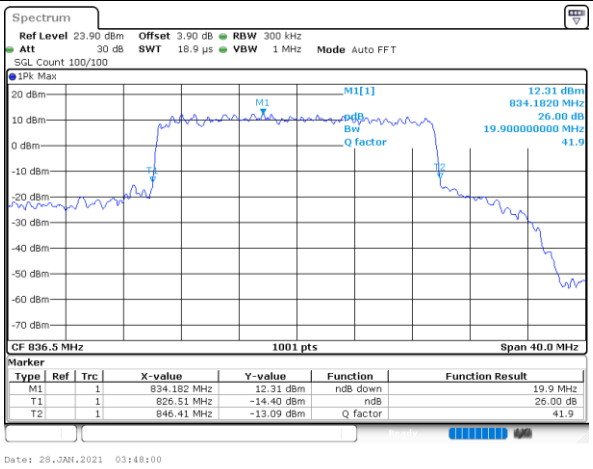
Middle Channel



FR1 n5+2A / 20MHz / CP-OFDM

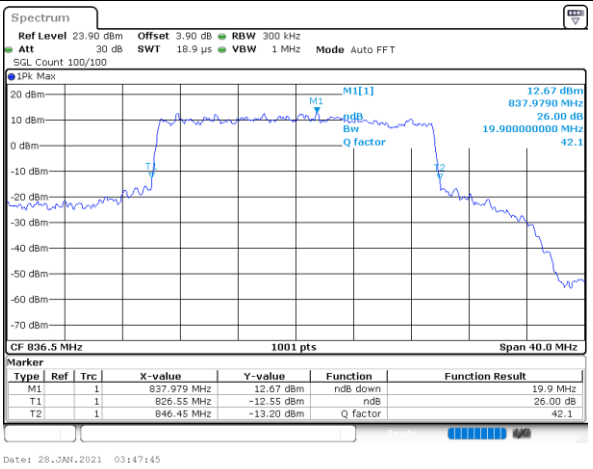
QPSK

Middle Channel



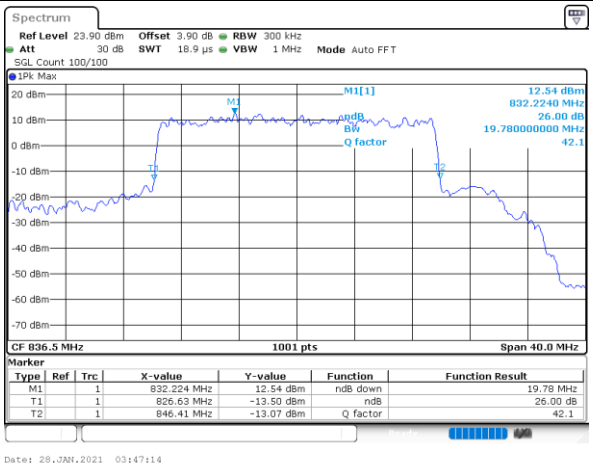
16QAM

Middle Channel



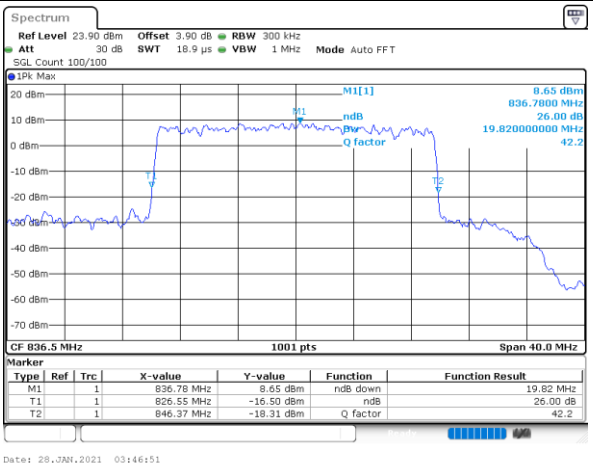
64QAM

Middle Channel



256QAM

Middle Channel



Occupied Bandwidth

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM			
BW	5MHz	5MHz	5MHz	5MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	4.47	4.48	4.49	4.48

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM			
BW	10MHz	10MHz	10MHz	10MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.29	9.25	9.29	9.29

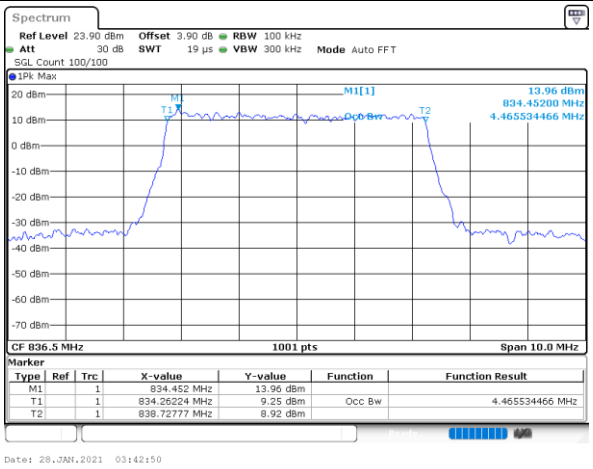
Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM			
BW	15MHz	15MHz	15MHz	15MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	14.09	14.12	14.12	14.18

Mode	FR1 n5+2A : OBW(MHz) / CP-OFDM			
BW	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	18.86	18.94	18.94	18.94

FR1 n5+2A / 5MHz / CP-OFDM

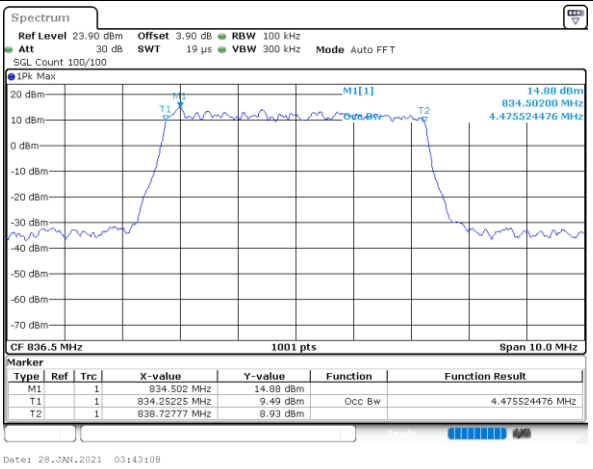
QPSK

Middle Channel



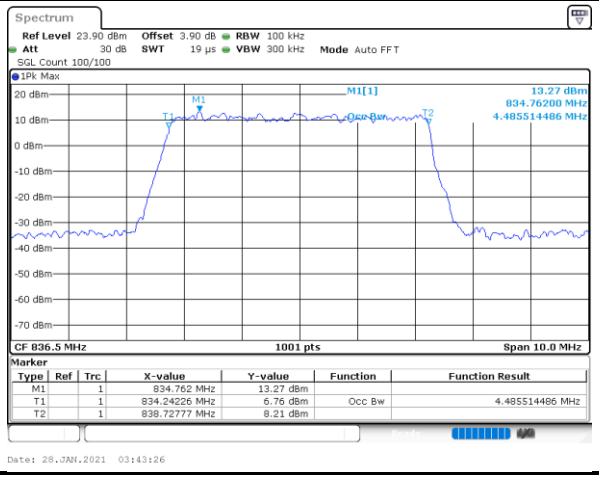
16QAM

Middle Channel



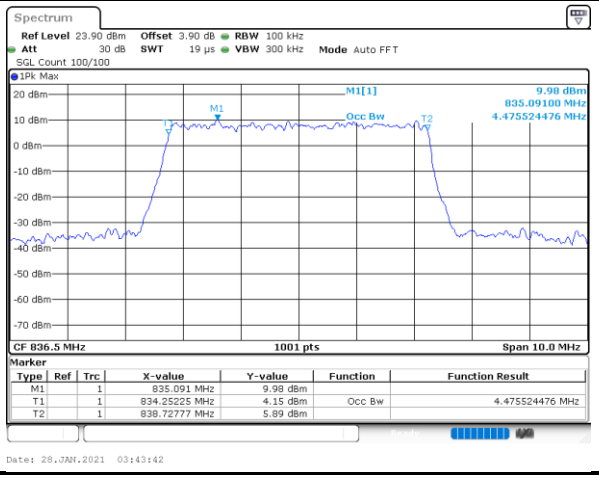
64QAM

Middle Channel



256QAM

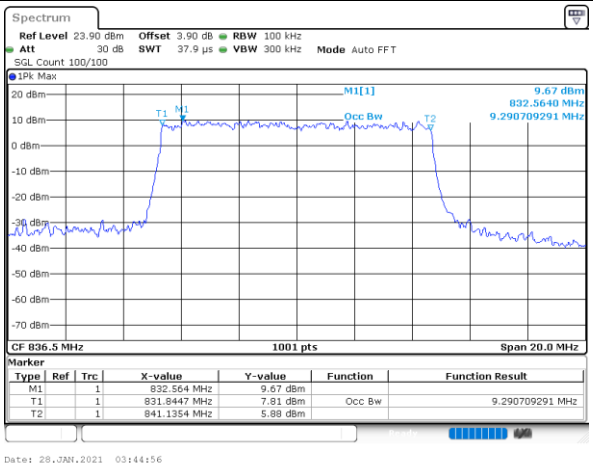
Middle Channel



FR1 n5+2A / 10MHz / CP-OFDM

QPSK

Middle Channel



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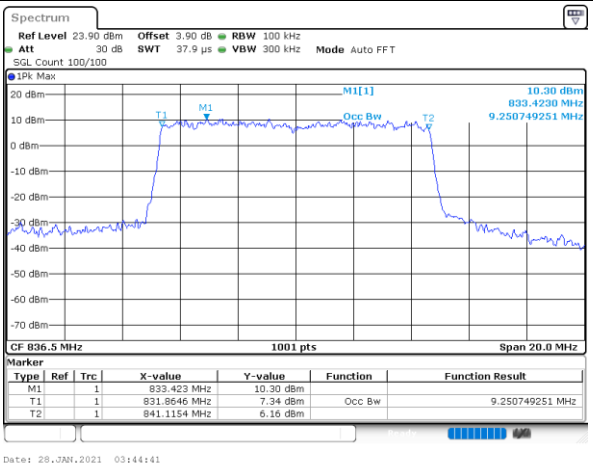
Middle Channel



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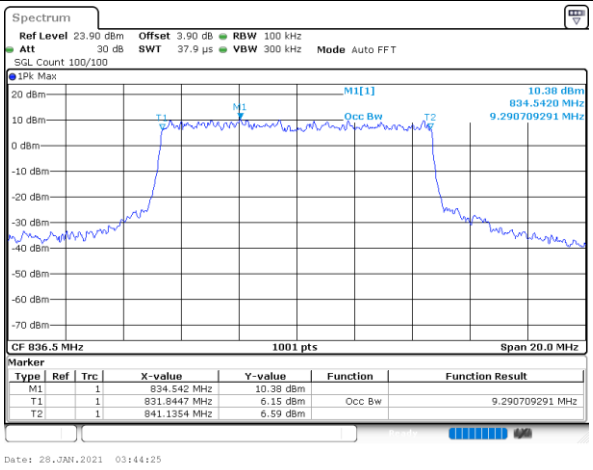
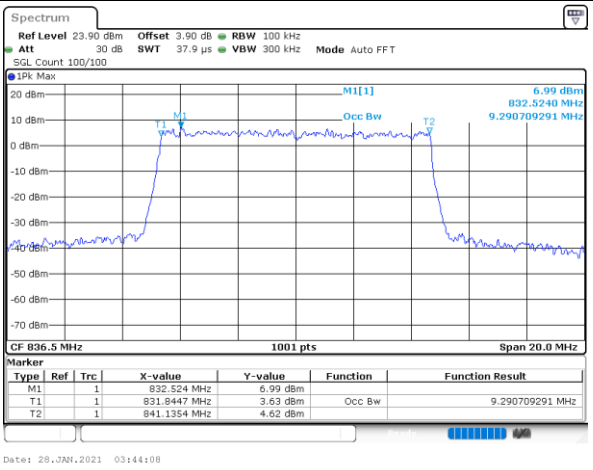
Middle Channel



256QAM

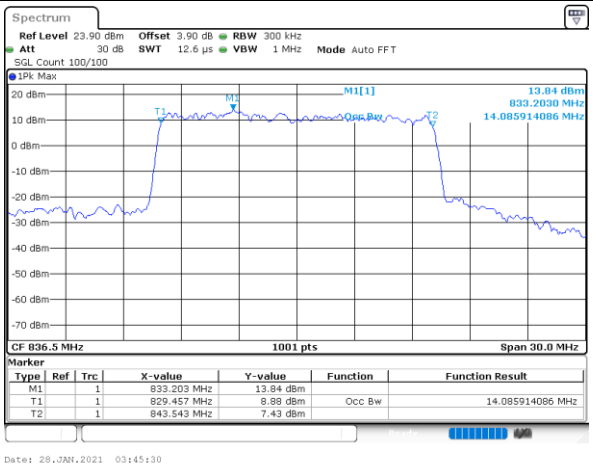
Middle Channel



FR1 n5+2A / 15MHz / CP-OFDM

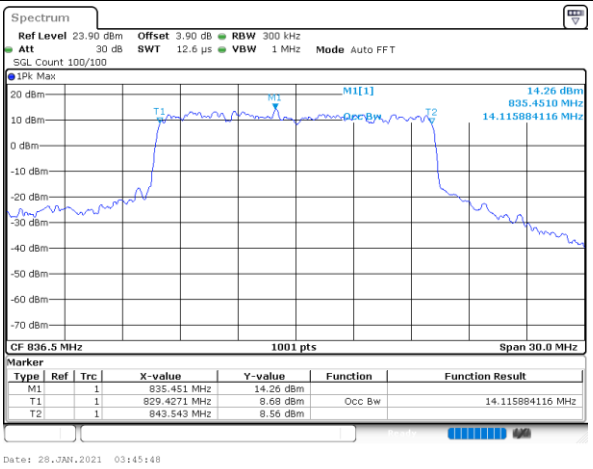
QPSK

Middle Channel



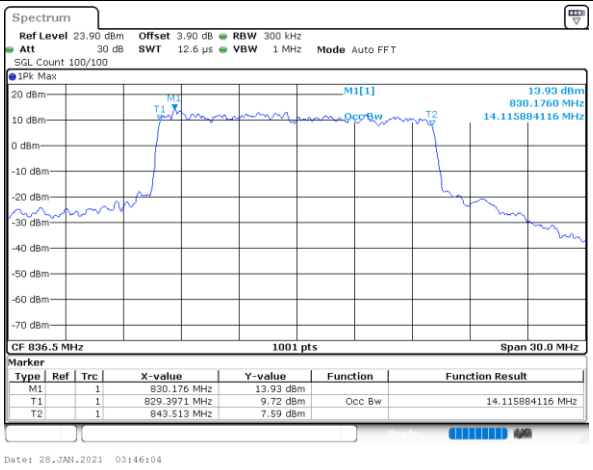
16QAM

Middle Channel



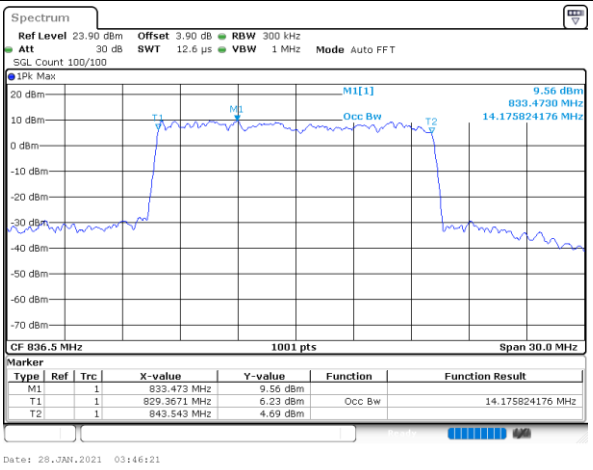
64QAM

Middle Channel



256QAM

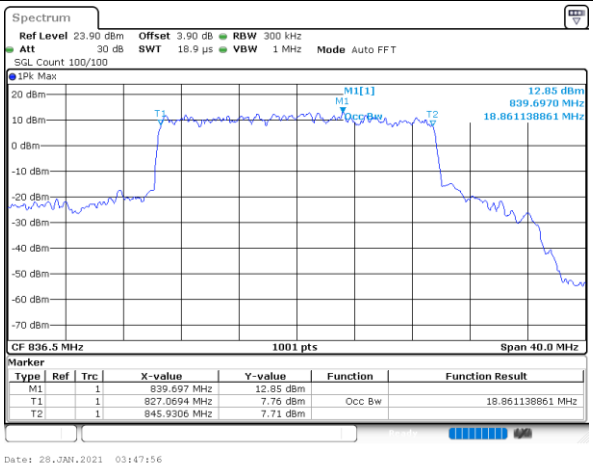
Middle Channel



FR1 n5+2A / 20MHz / CP-OFDM

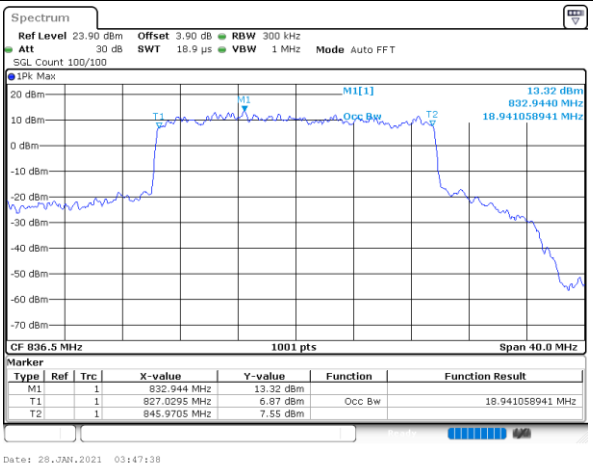
QPSK

Middle Channel



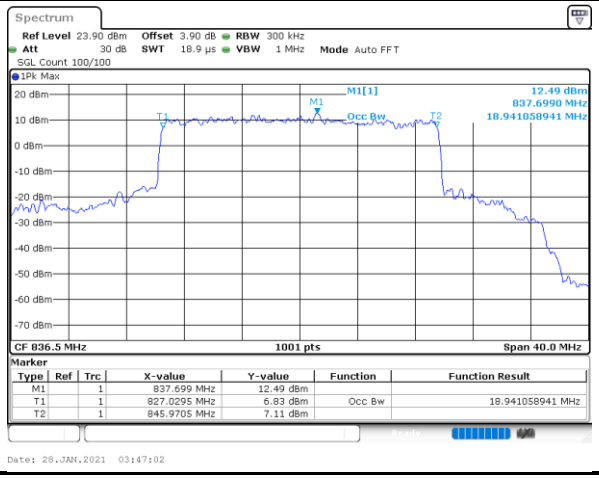
16QAM

Middle Channel



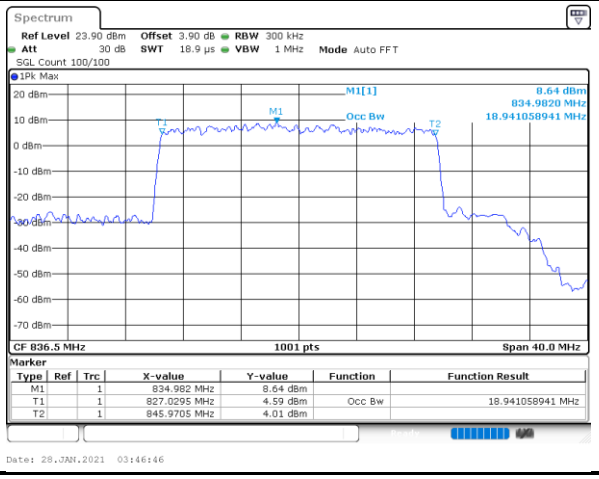
64QAM

Middle Channel



256QAM

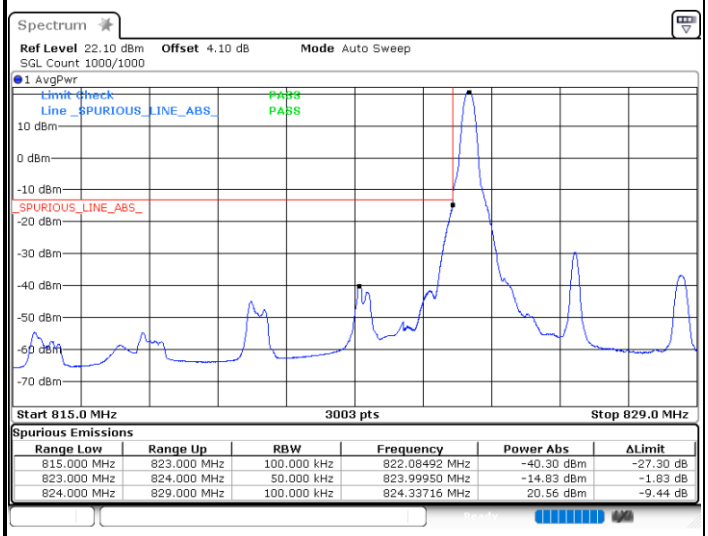
Middle Channel



Conducted Band Edge

FR1 n5+2A / 5MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

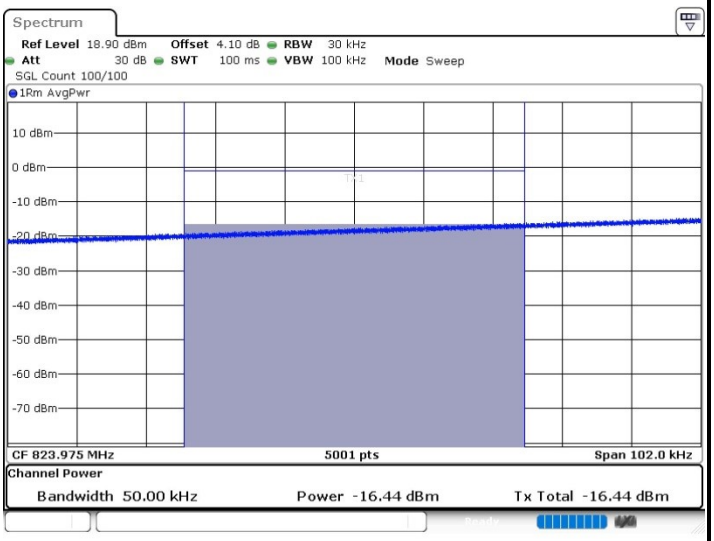


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.08492 MHz	-40.30 dBm	-27.30 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-14.83 dBm	-1.83 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.33716 MHz	20.56 dBm	-9.44 dB

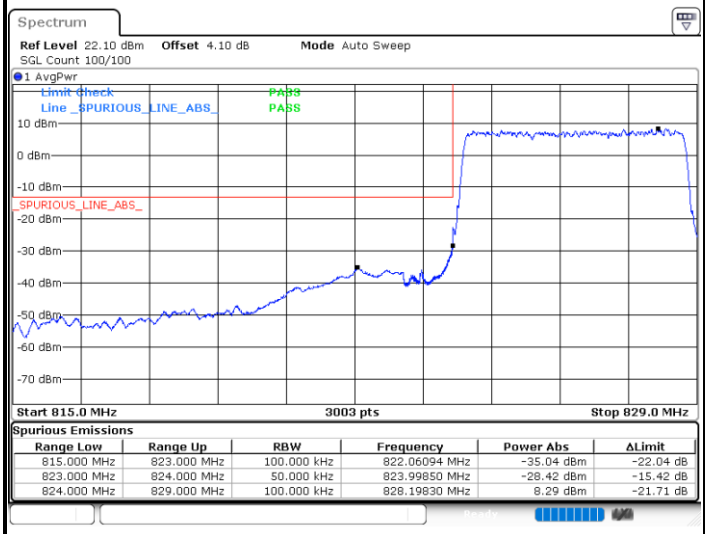
Date: 2.FEB.2021 23:38:30

Channel Power < -13dBm Pass



Date: 2.FEB.2021 23:39:57

Lowest Band Edge / Full RB



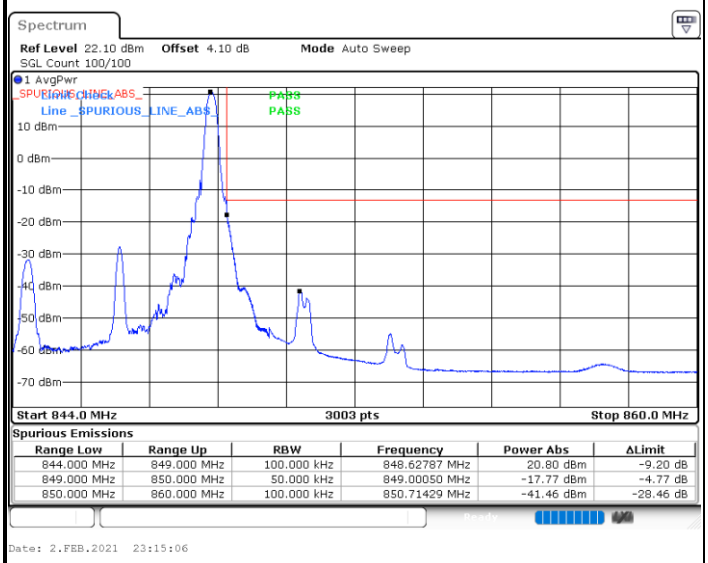
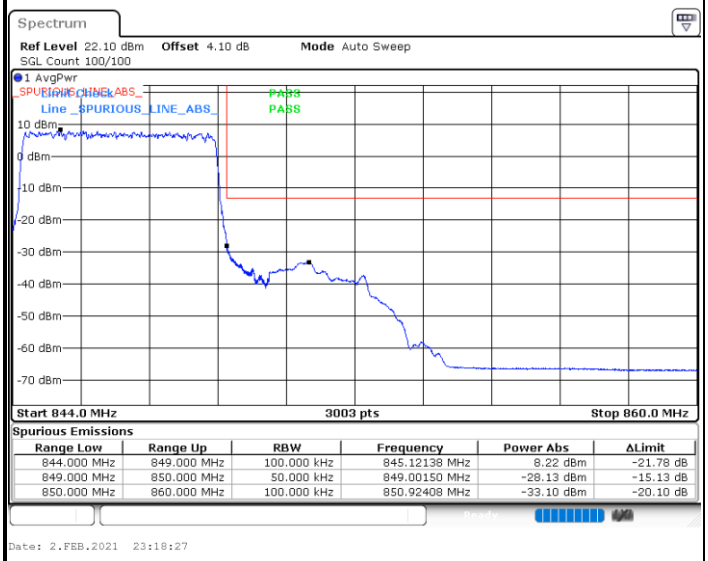
Spurious Emissions

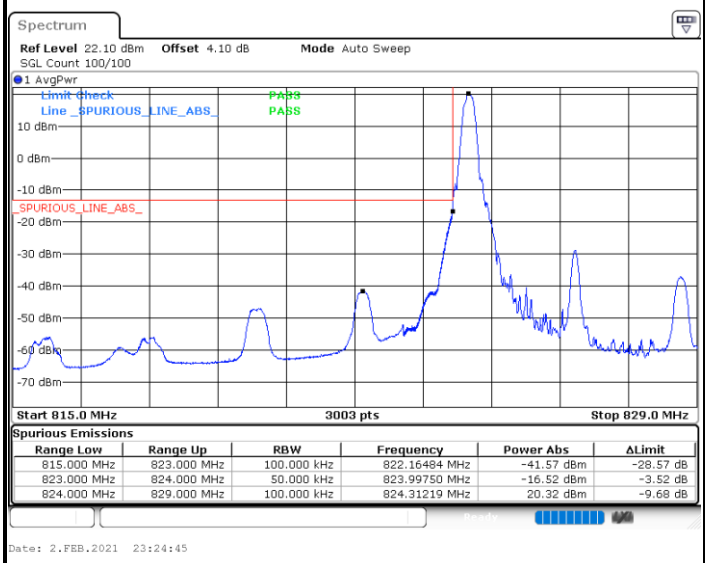
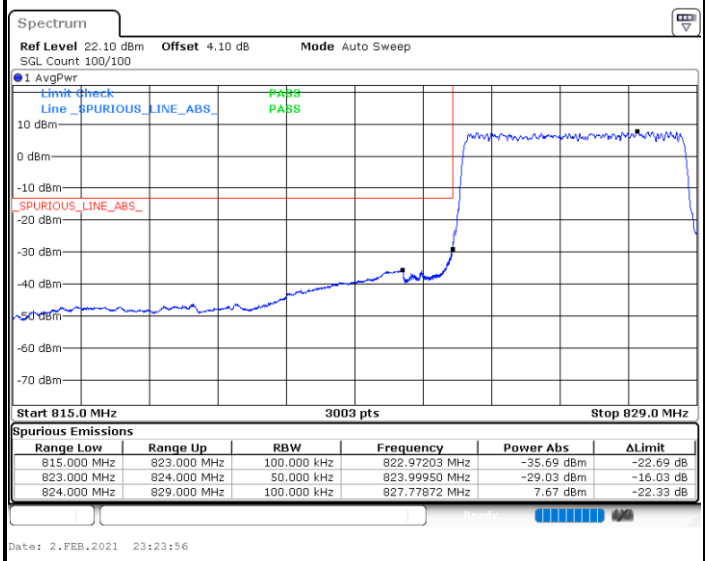
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.06094 MHz	-35.04 dBm	-22.04 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-28.42 dBm	-15.42 dB
824.000 MHz	829.000 MHz	100.000 kHz	828.19830 MHz	8.29 dBm	-21.71 dB

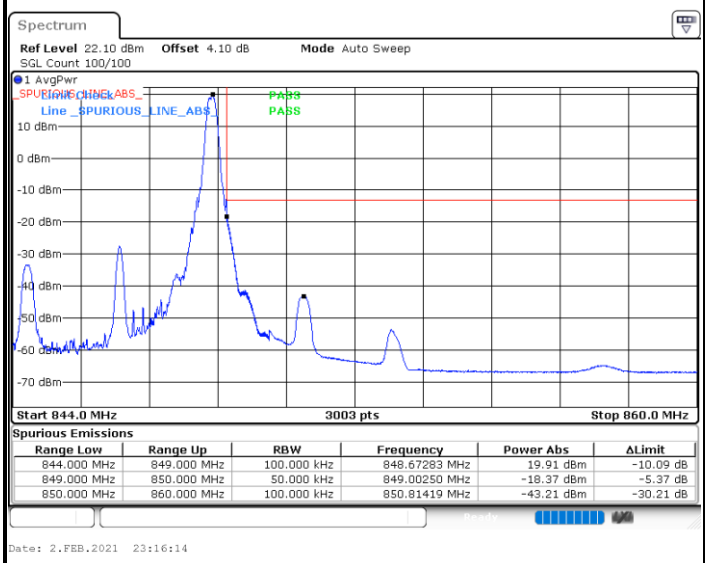
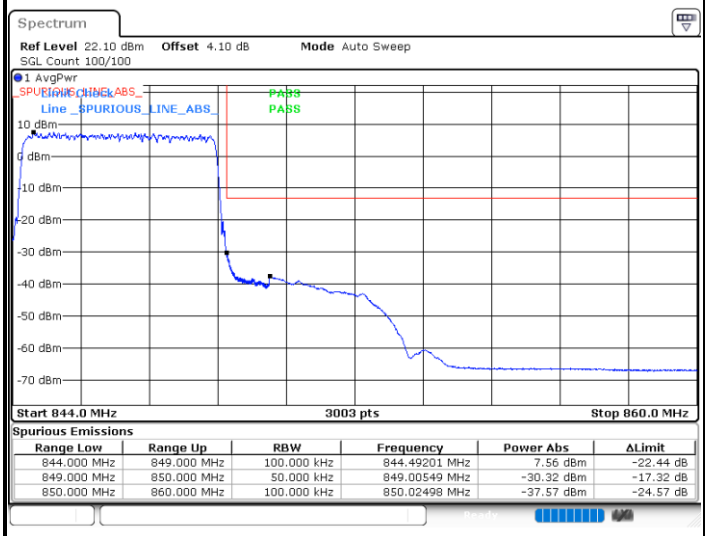
Date: 2.FEB.2021 23:21:51

Channel Power < -13dBm Pass

/

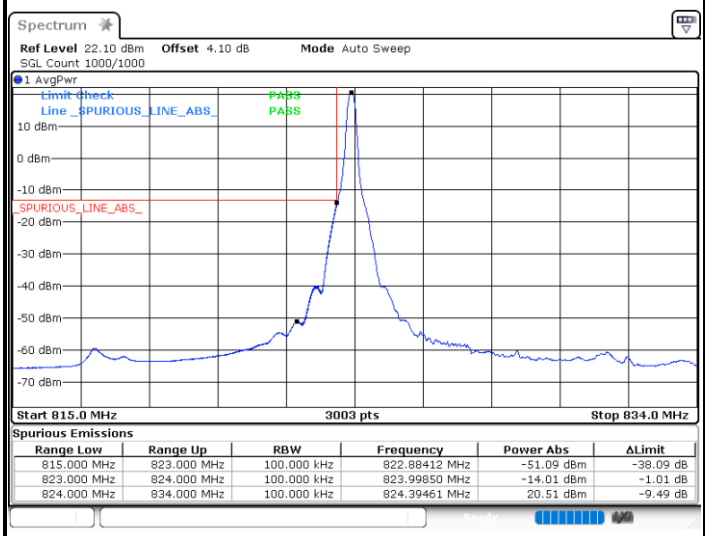
FR1 n5+2A / 5MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n5+2A / 5MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n5+2A / 5MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 844.000 MHz / 849.000 MHz / 100.000 kHz / 848.67283 MHz / 19.91 dBm / -10.09 dB 849.000 MHz / 850.000 MHz / 50.000 kHz / 849.00250 MHz / -18.37 dBm / -5.37 dB 850.000 MHz / 860.000 MHz / 100.000 kHz / 850.81419 MHz / -43.21 dBm / -30.21 dB Date: 2.FEB.2021 23:16:14	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 844.000 MHz / 849.000 MHz / 100.000 kHz / 844.49201 MHz / 7.56 dBm / -22.44 dB 849.000 MHz / 850.000 MHz / 50.000 kHz / 849.00549 MHz / -30.32 dBm / -17.32 dB 850.000 MHz / 860.000 MHz / 100.000 kHz / 850.02498 MHz / -37.57 dBm / -24.57 dB Date: 2.FEB.2021 23:17:26	/

FR1 n5+2A / 10MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

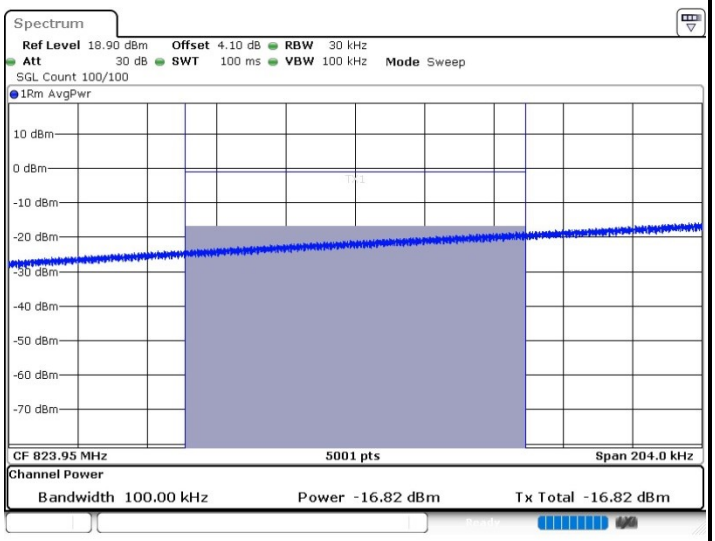


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.88412 MHz	-51.09 dBm	-38.09 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-14.01 dBm	-1.01 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.39461 MHz	20.51 dBm	-9.49 dB

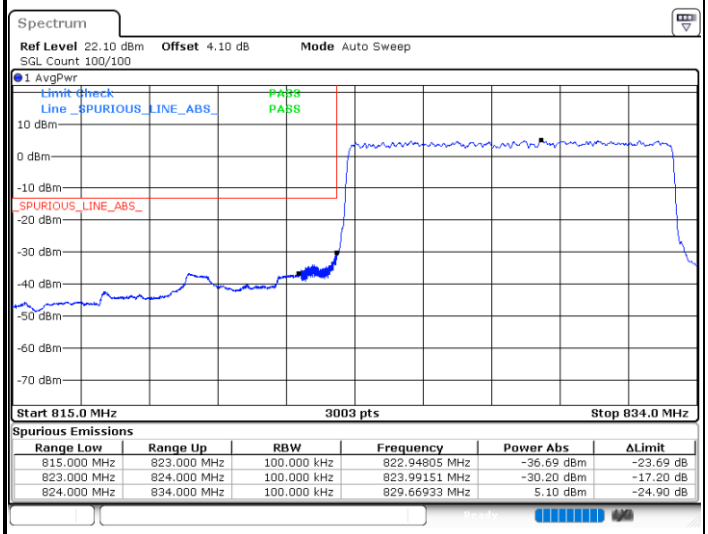
Date: 2.FEB.2021 21:14:20

Channel Power < -13dBm Pass



Date: 2.FEB.2021 21:58:00

Lowest Band Edge / Full RB



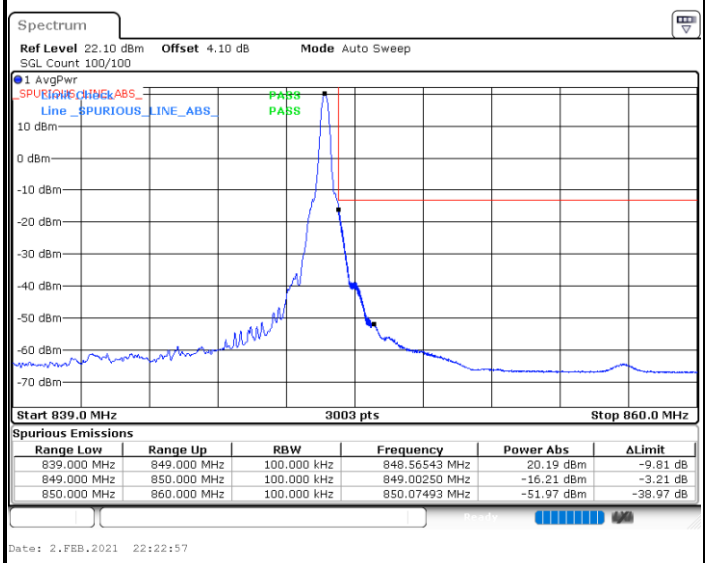
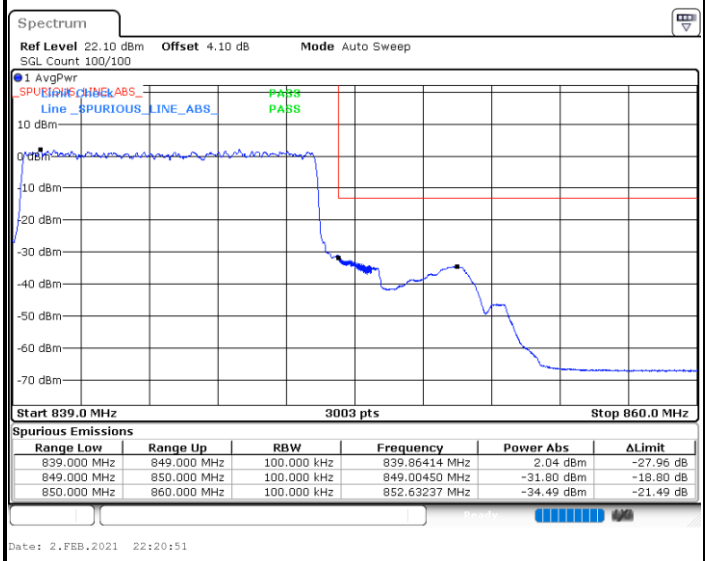
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.94805 MHz	-36.69 dBm	-23.69 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99151 MHz	-30.20 dBm	-17.20 dB
824.000 MHz	834.000 MHz	100.000 kHz	829.66933 MHz	5.10 dBm	-24.90 dB

Date: 2.FEB.2021 22:03:41

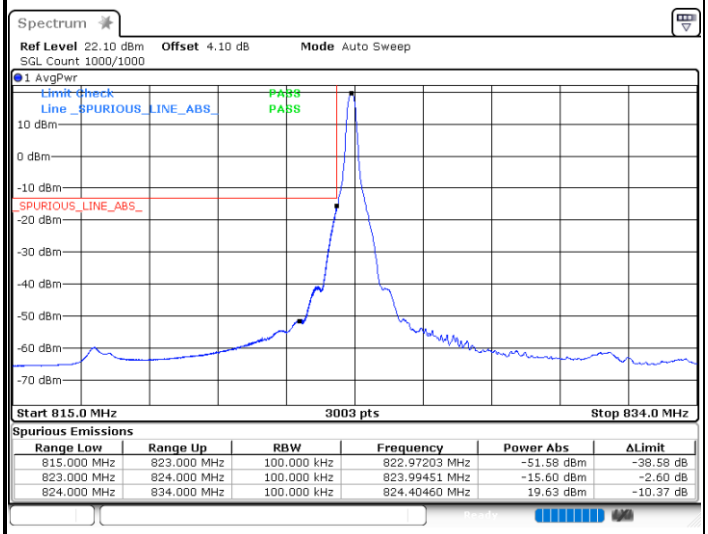
Channel Power < -13dBm Pass

/

FR1 n5+2A / 10MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 839.000 MHz / 849.000 MHz / 100.000 kHz / 848.56543 MHz / 20.19 dBm / -9.81 dB 849.000 MHz / 850.000 MHz / 100.000 kHz / 849.00250 MHz / -16.21 dBm / -3.21 dB 850.000 MHz / 860.000 MHz / 100.000 kHz / 850.07493 MHz / -51.97 dBm / -38.97 dB Date: 2.FEB.2021 22:22:57	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 839.000 MHz / 849.000 MHz / 100.000 kHz / 839.86414 MHz / 2.04 dBm / -27.96 dB 849.000 MHz / 850.000 MHz / 100.000 kHz / 849.00450 MHz / -31.80 dBm / -18.80 dB 850.000 MHz / 860.000 MHz / 100.000 kHz / 852.63237 MHz / -34.49 dBm / -21.49 dB Date: 2.FEB.2021 22:20:51	/

FR1 n5+2A / 10MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

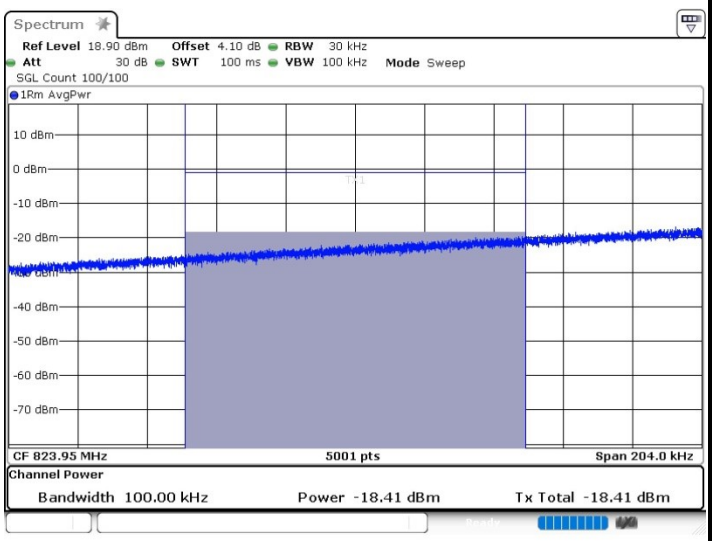


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.97203 MHz	-51.58 dBm	-38.58 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99451 MHz	-15.60 dBm	-2.60 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.40460 MHz	19.63 dBm	-10.37 dB

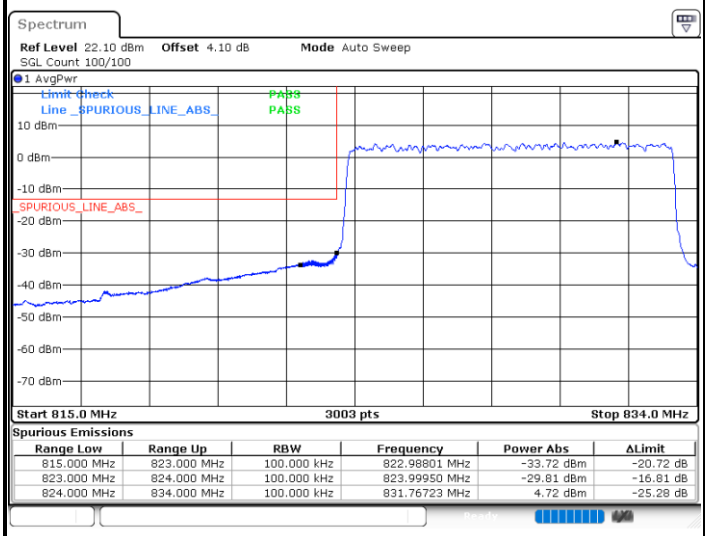
Date: 2.FEB.2021 21:30:07

Channel Power < -13dBm Pass



Date: 2.FEB.2021 21:57:35

Lowest Band Edge / Full RB



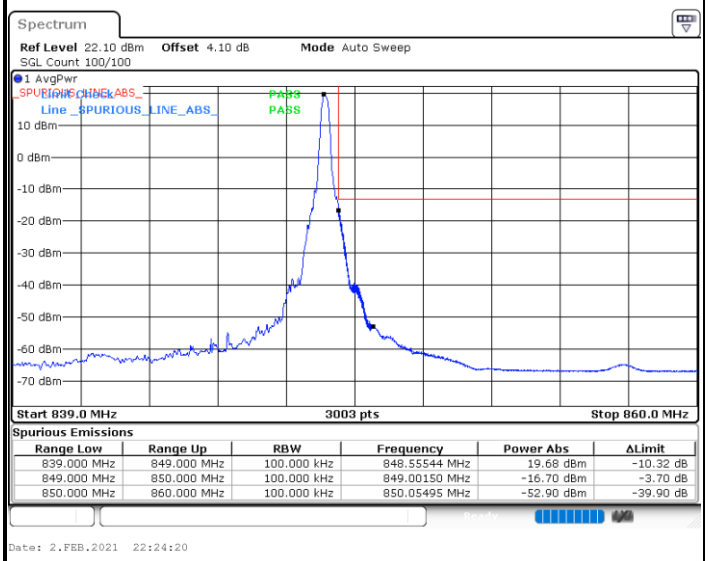
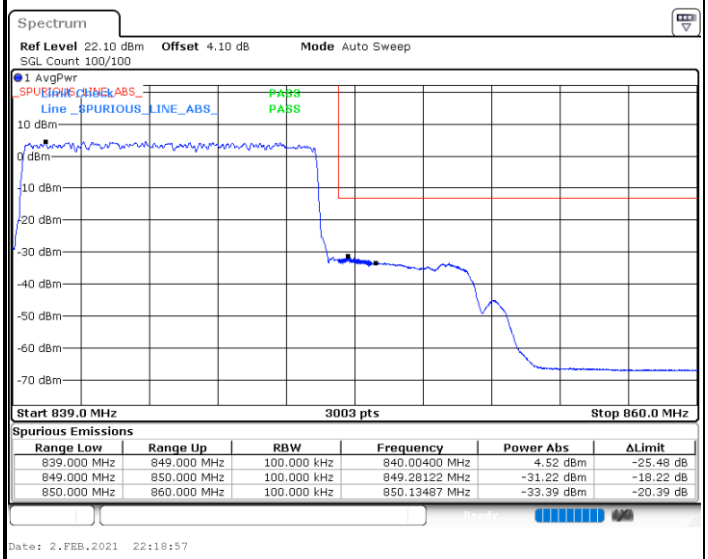
Spurious Emissions

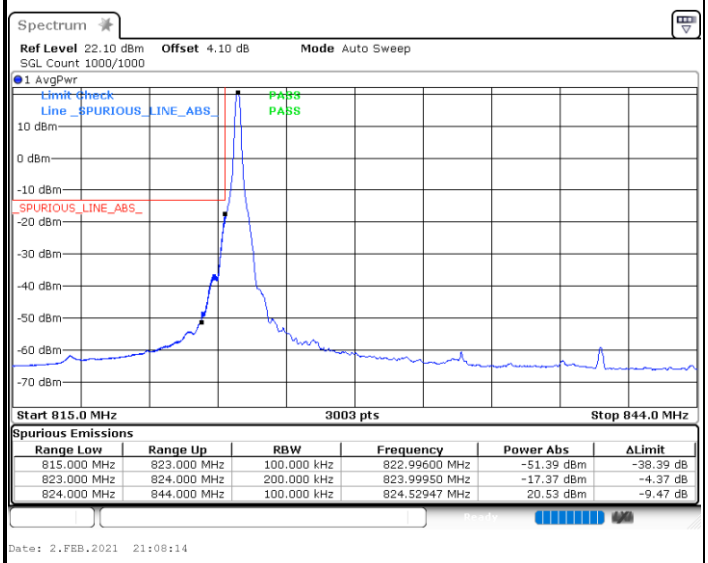
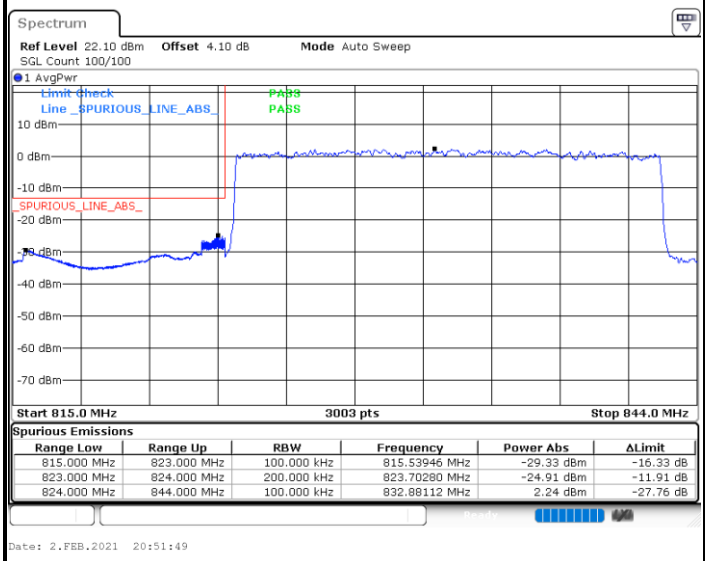
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-33.72 dBm	-20.72 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-29.81 dBm	-16.81 dB
824.000 MHz	834.000 MHz	100.000 kHz	831.76723 MHz	4.72 dBm	-25.28 dB

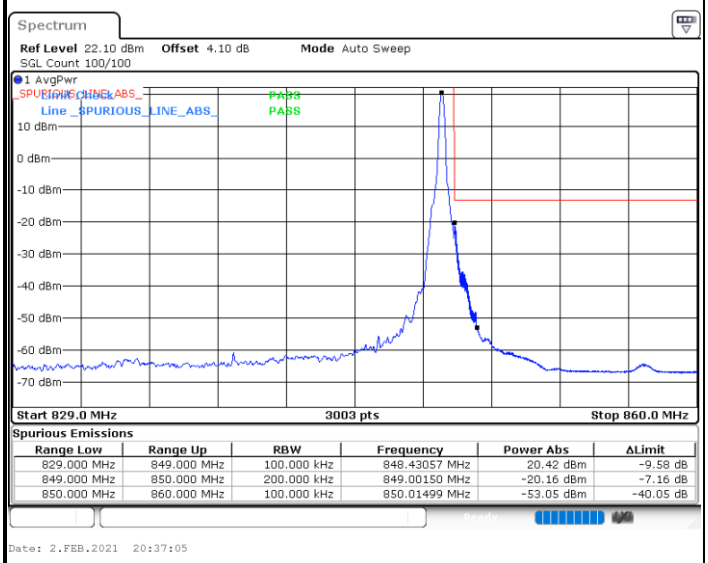
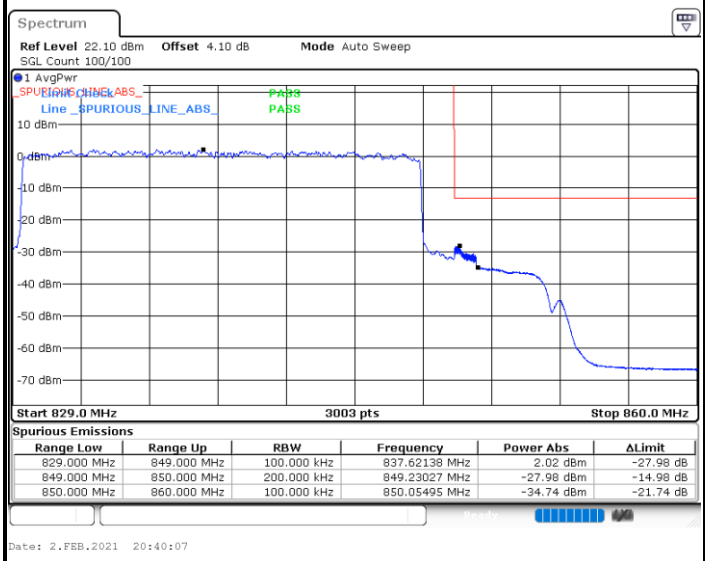
Date: 2.FEB.2021 22:10:31

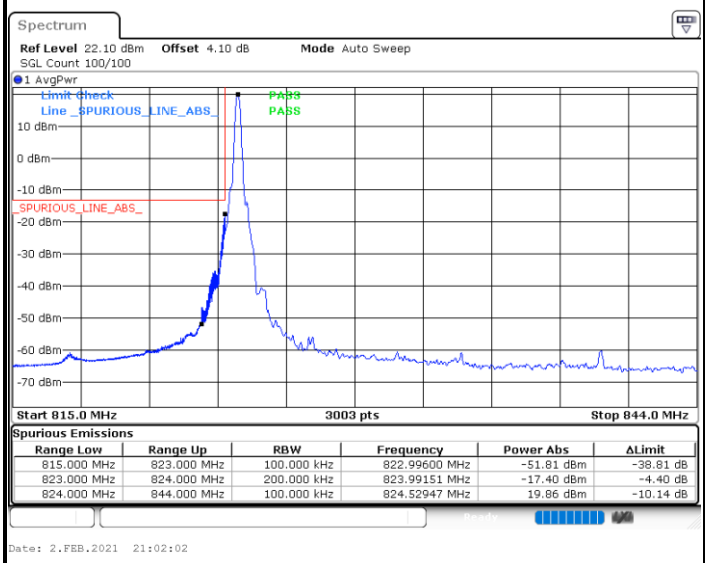
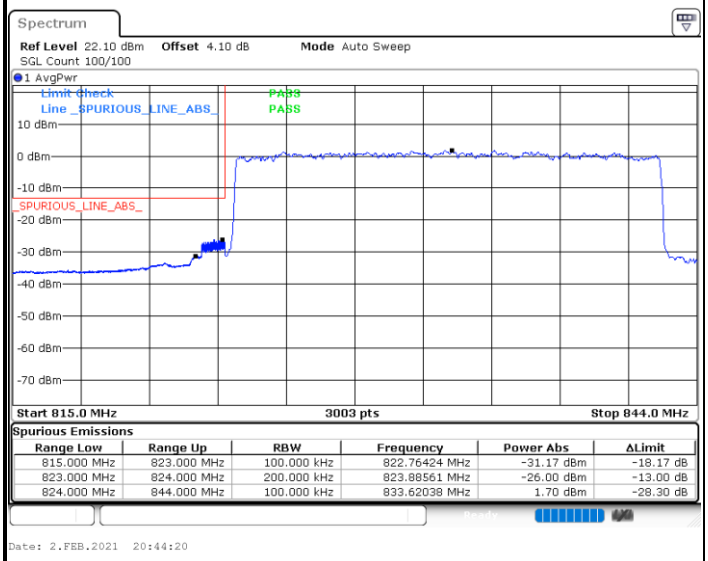
Channel Power < -13dBm Pass

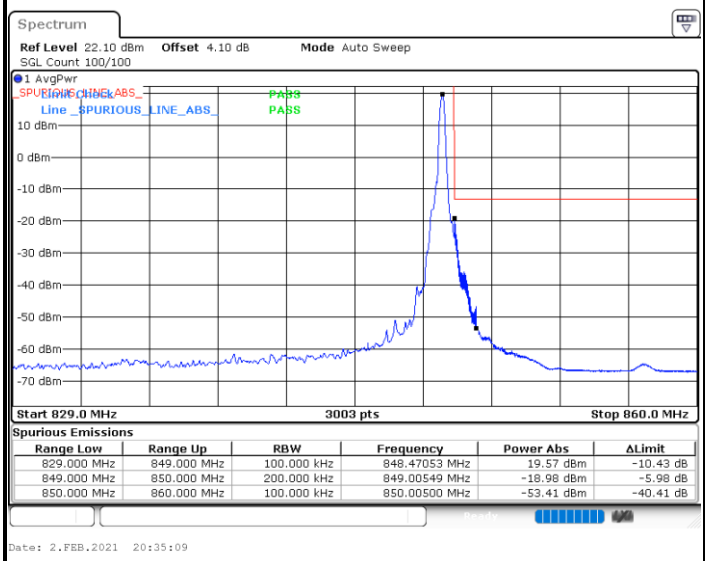
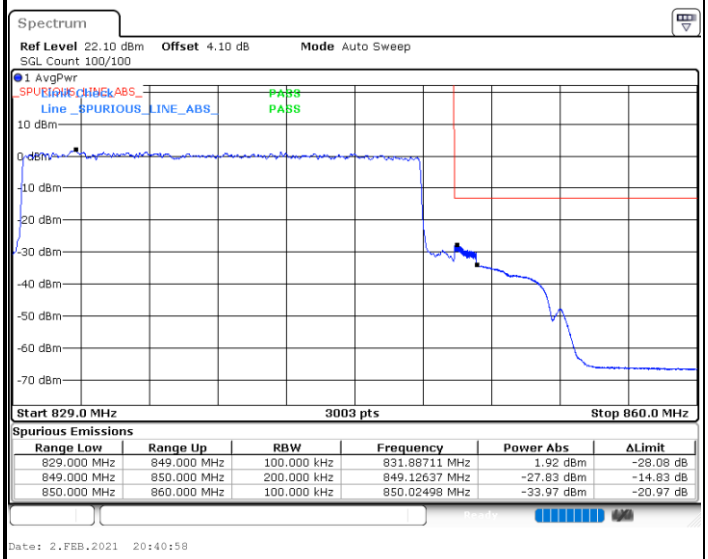
/

FR1 n5+2A / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n5+2A / 20MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n5+2A / 20MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

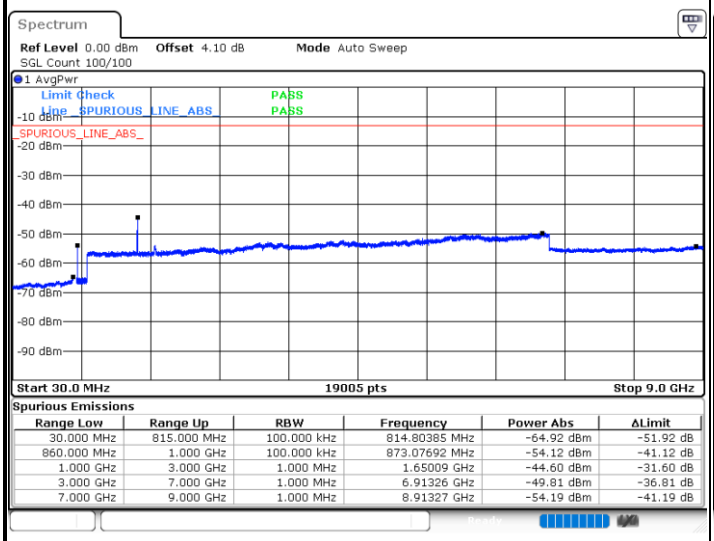
FR1 n5+2A / 20MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n5+2A / 20MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

Conducted Spurious Emission

FR1 n5+2A / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

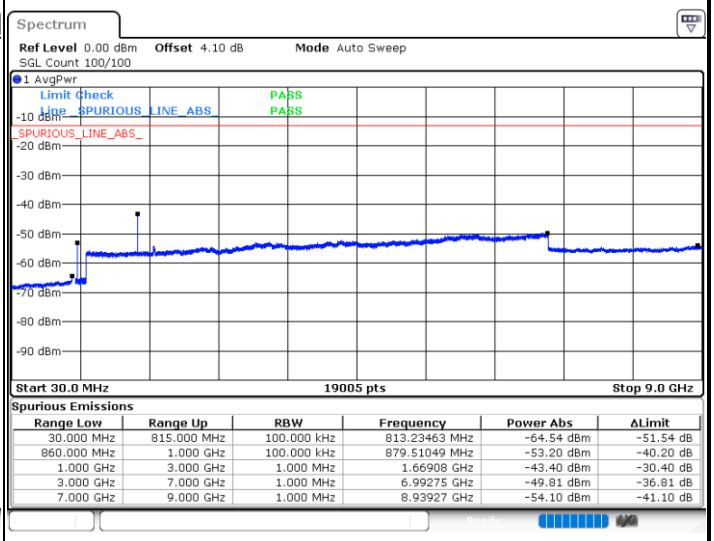


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-64.92 dBm	-51.92 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.07692 MHz	-54.12 dBm	-41.12 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-44.60 dBm	-31.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91326 GHz	-49.81 dBm	-36.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91327 GHz	-54.19 dBm	-41.19 dB

Date: 2.FEB.2021 23:03:32

Middle Channel / 1RB

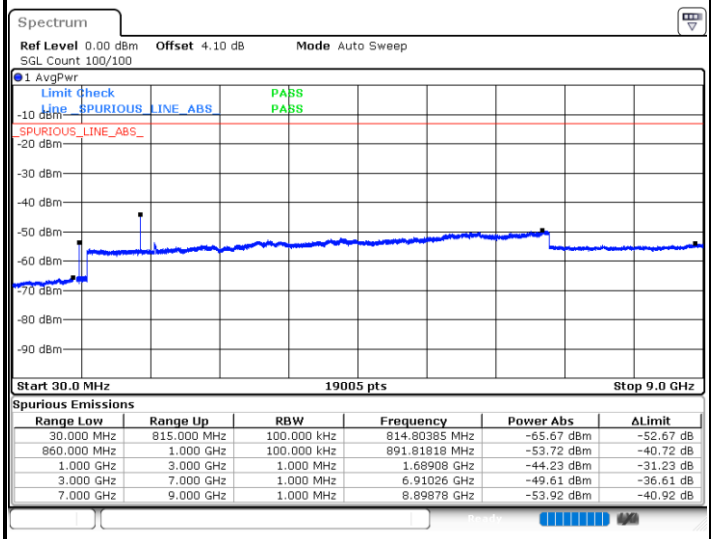


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-64.54 dBm	-51.54 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.51049 MHz	-53.20 dBm	-40.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-43.40 dBm	-30.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-49.81 dBm	-36.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93927 GHz	-54.10 dBm	-41.10 dB

Date: 2.FEB.2021 23:01:30

Highest Channel / 1RB



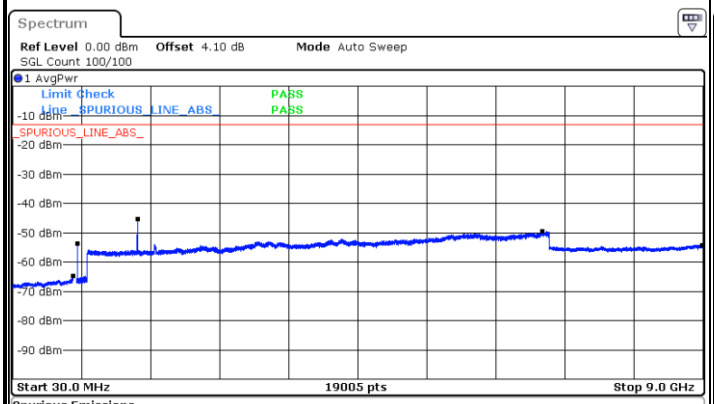
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-65.67 dBm	-52.67 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.81818 MHz	-53.72 dBm	-40.72 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.23 dBm	-31.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-49.61 dBm	-36.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89878 GHz	-53.92 dBm	-40.92 dB

Date: 2.FEB.2021 23:09:31

FR1 n5+2A / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

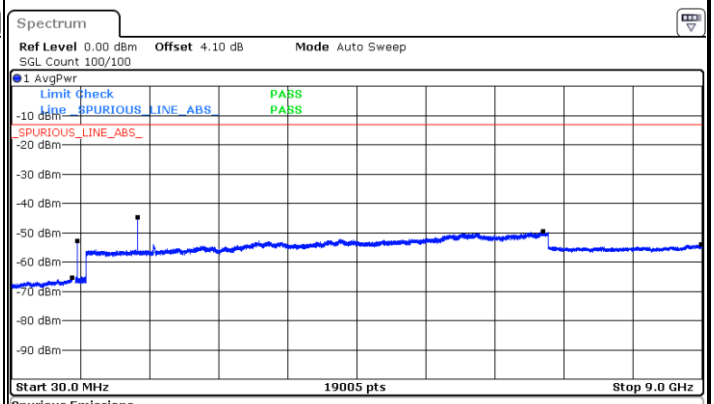


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-64.64 dBm	-51.64 dB
860.000 MHz	1.000 GHz	100.000 kHz	873.49650 MHz	-53.64 dBm	-40.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-45.36 dBm	-32.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90726 GHz	-49.46 dBm	-36.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.99025 GHz	-54.18 dBm	-41.18 dB

Date: 2.FEB.2021 23:05:04

Middle Channel / 1RB

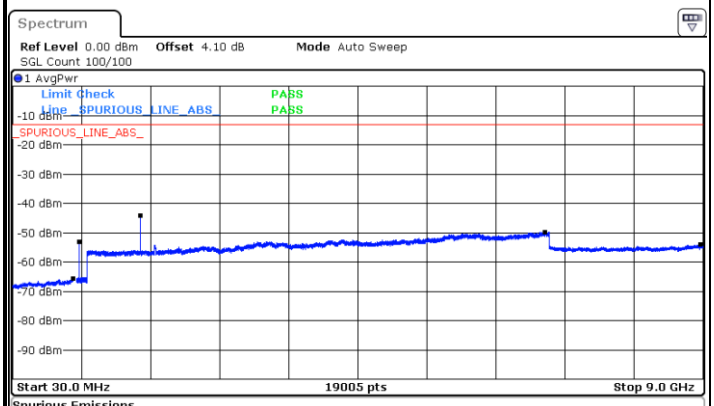


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-65.24 dBm	-52.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	880.20979 MHz	-52.74 dBm	-39.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-44.69 dBm	-31.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93026 GHz	-49.53 dBm	-36.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.98975 GHz	-54.18 dBm	-41.18 dB

Date: 2.FEB.2021 23:00:26

Highest Channel / 1RB



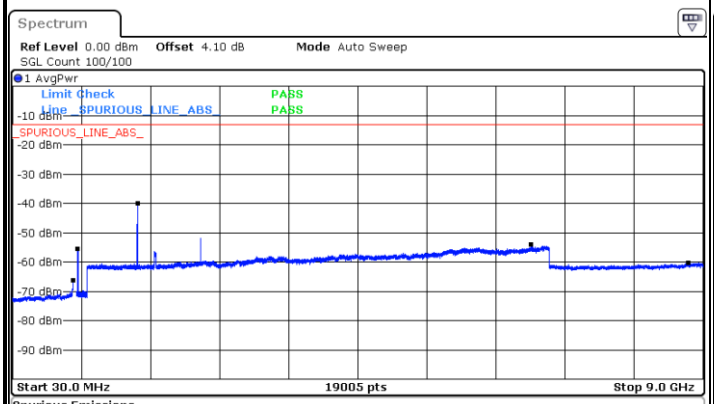
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-65.62 dBm	-52.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	891.53846 MHz	-53.15 dBm	-40.15 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-44.30 dBm	-31.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94926 GHz	-49.70 dBm	-36.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.96226 GHz	-54.16 dBm	-41.16 dB

Date: 2.FEB.2021 23:05:46

FR1 n5+2A / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

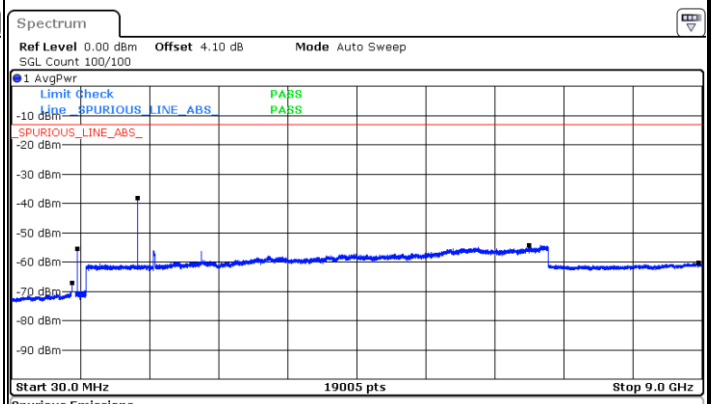


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-66.21 dBm	-53.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.73427 MHz	-55.54 dBm	-42.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-39.87 dBm	-26.87 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76128 GHz	-54.00 dBm	-41.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.80530 GHz	-60.28 dBm	-47.28 dB

Date: 2.FEB.2021 22:30:42

Middle Channel / 1RB

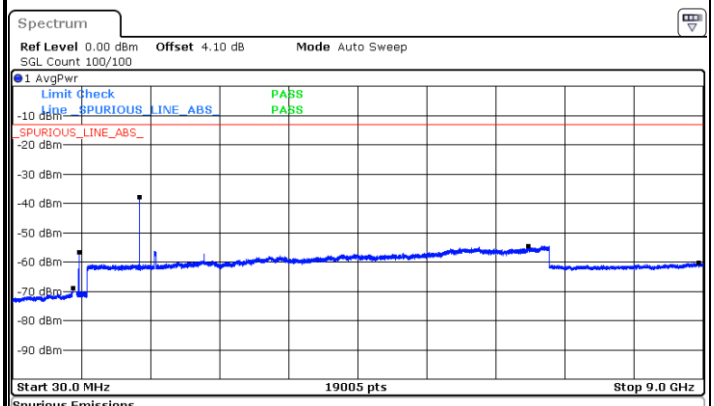


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-67.28 dBm	-54.28 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.81119 MHz	-55.47 dBm	-42.47 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66408 GHz	-38.08 dBm	-25.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74678 GHz	-54.23 dBm	-41.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.95276 GHz	-60.43 dBm	-47.43 dB

Date: 2.FEB.2021 22:38:24

Highest Channel / 1RB



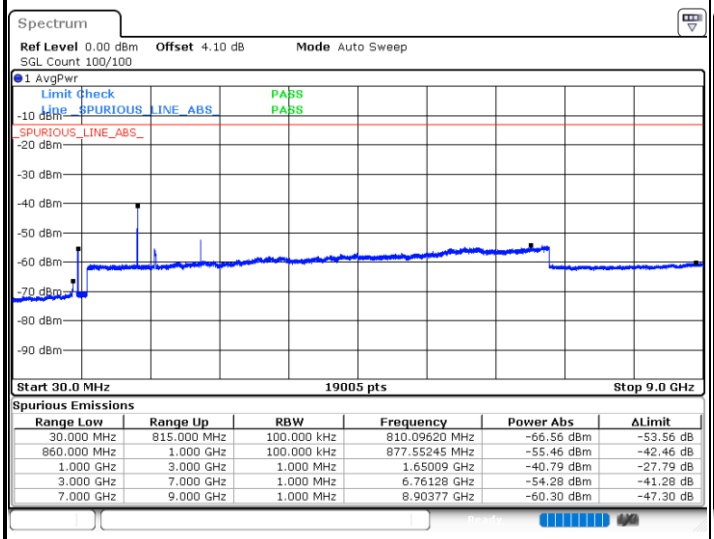
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-68.99 dBm	-55.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.65734 MHz	-56.76 dBm	-43.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-38.01 dBm	-25.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.73128 GHz	-54.51 dBm	-41.51 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93877 GHz	-60.34 dBm	-47.34 dB

Date: 2.FEB.2021 22:29:19

FR1 n5+2A / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

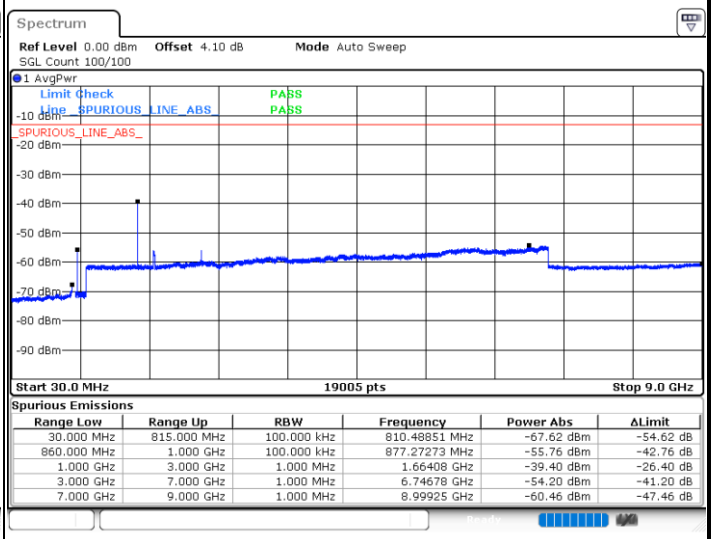


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.09620 MHz	-66.56 dBm	-53.56 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.55245 MHz	-55.46 dBm	-42.46 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-40.79 dBm	-27.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76128 GHz	-54.28 dBm	-41.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90377 GHz	-60.30 dBm	-47.30 dB

Date: 2.FEB.2021 22:35:46

Middle Channel / 1RB

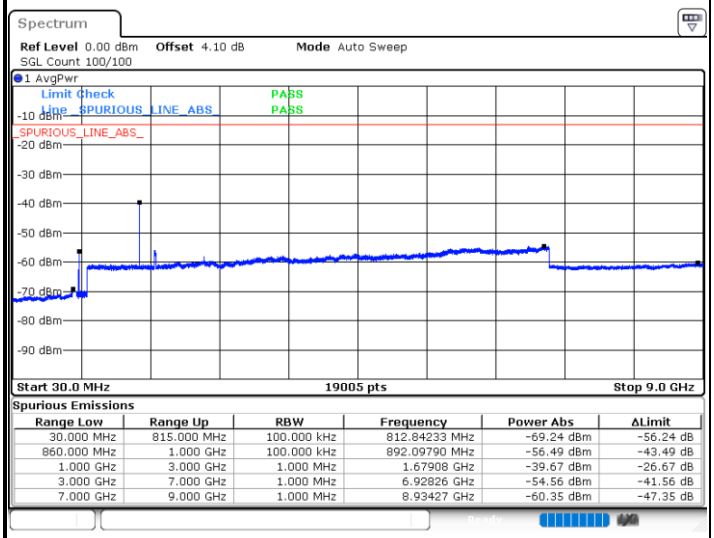


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-67.62 dBm	-54.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.27273 MHz	-55.76 dBm	-42.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66408 GHz	-39.40 dBm	-26.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.74678 GHz	-54.20 dBm	-41.20 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.99925 GHz	-60.46 dBm	-47.46 dB

Date: 2.FEB.2021 22:37:47

Highest Channel / 1RB



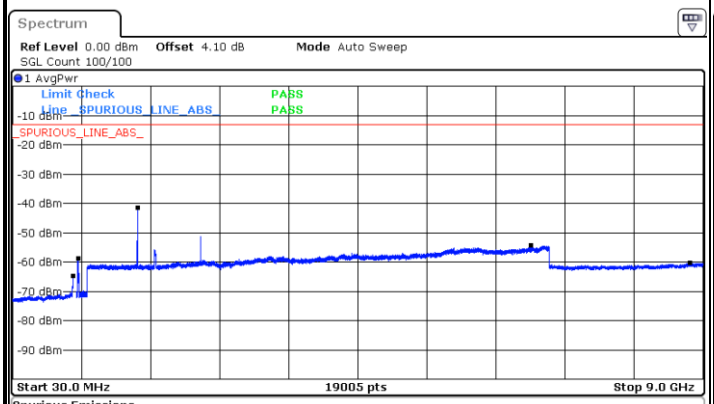
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-69.24 dBm	-56.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.09790 MHz	-56.49 dBm	-43.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-39.67 dBm	-26.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92826 GHz	-54.56 dBm	-41.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93427 GHz	-60.35 dBm	-47.35 dB

Date: 2.FEB.2021 22:25:51

FR1 n5+2A / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

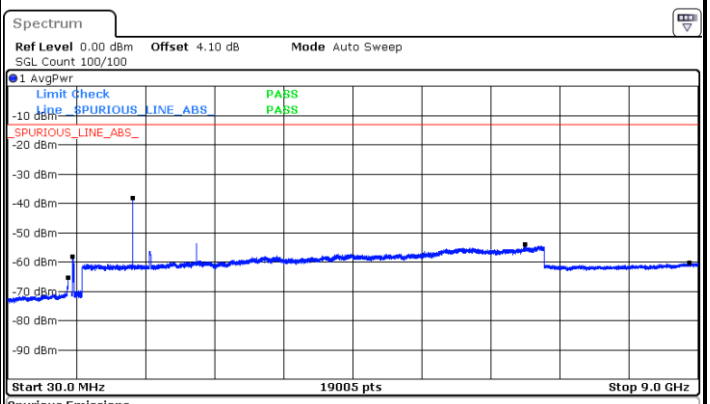


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	810.48851 MHz	-64.87 dBm	-51.87 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.57343 MHz	-58.79 dBm	-45.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65009 GHz	-41.63 dBm	-28.63 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.76078 GHz	-54.23 dBm	-41.23 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.83379 GHz	-60.44 dBm	-47.44 dB

Date: 2.FEB.2021 20:22:04

Middle Channel / 1RB

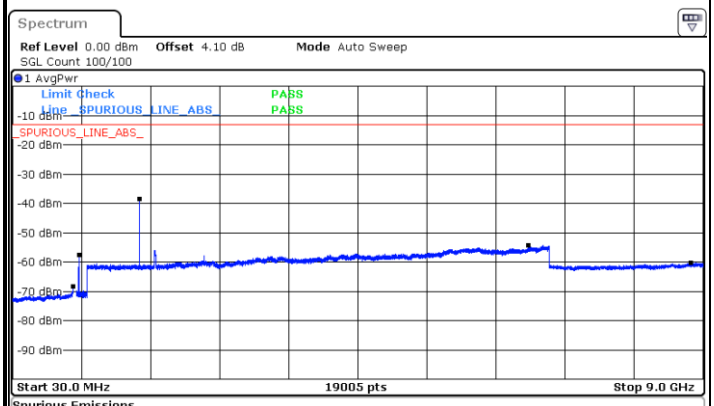


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	812.84233 MHz	-65.23 dBm	-52.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.87413 MHz	-58.20 dBm	-45.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65459 GHz	-38.20 dBm	-25.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75628 GHz	-54.02 dBm	-41.02 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88478 GHz	-60.30 dBm	-47.30 dB

Date: 2.FEB.2021 20:26:16

Highest Channel / 1RB



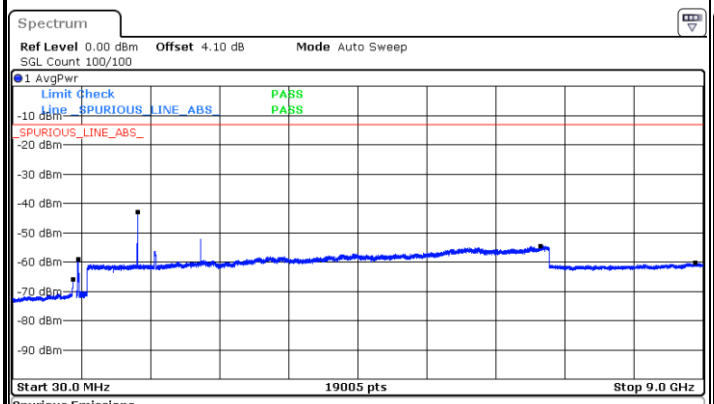
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-68.42 dBm	-55.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	892.23776 MHz	-57.48 dBm	-44.48 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67908 GHz	-38.53 dBm	-25.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.73128 GHz	-54.24 dBm	-41.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84179 GHz	-60.40 dBm	-47.40 dB

Date: 2.FEB.2021 22:28:28

FR1 n5+2A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

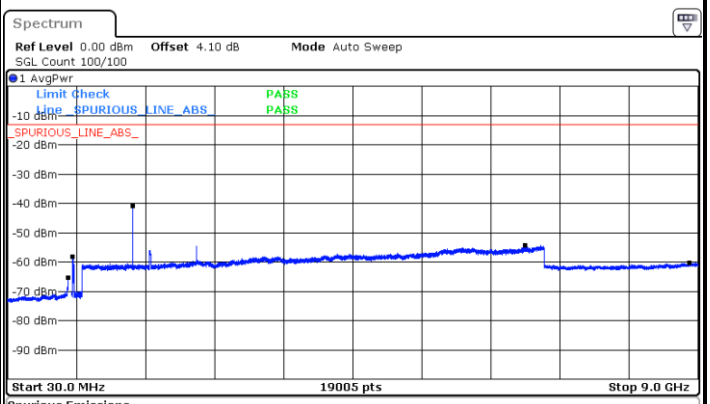


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-66.09 dBm	-53.09 dB
860.000 MHz	1.000 GHz	100.000 kHz	876.15385 MHz	-59.13 dBm	-46.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-42.99 dBm	-29.99 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89276 GHz	-54.53 dBm	-41.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89628 GHz	-60.40 dBm	-47.40 dB

Date: 2.FEB.2021 20:22:41

Middle Channel / 1RB

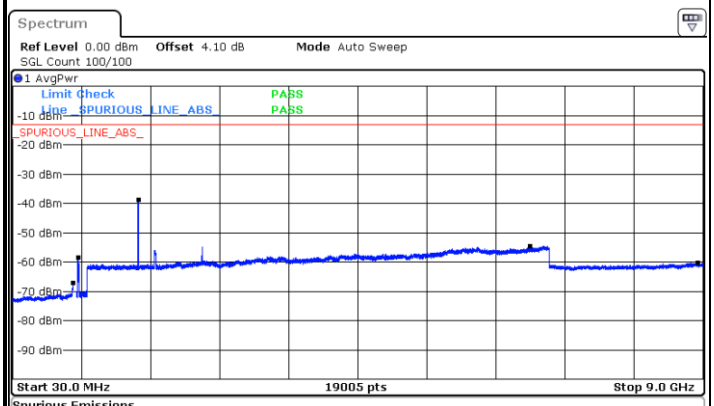


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-65.51 dBm	-52.51 dB
860.000 MHz	1.000 GHz	100.000 kHz	875.87413 MHz	-58.08 dBm	-45.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65459 GHz	-40.88 dBm	-27.88 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75628 GHz	-54.35 dBm	-41.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89028 GHz	-60.19 dBm	-47.19 dB

Date: 2.FEB.2021 20:25:03

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-67.23 dBm	-54.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	877.97203 MHz	-58.59 dBm	-45.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.65959 GHz	-38.85 dBm	-25.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.75078 GHz	-54.59 dBm	-41.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.93677 GHz	-60.39 dBm	-47.39 dB

Date: 2.FEB.2021 20:33:23

Frequency Stability

Test Conditions		NR n5+2A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0018	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0042	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n25

NSA

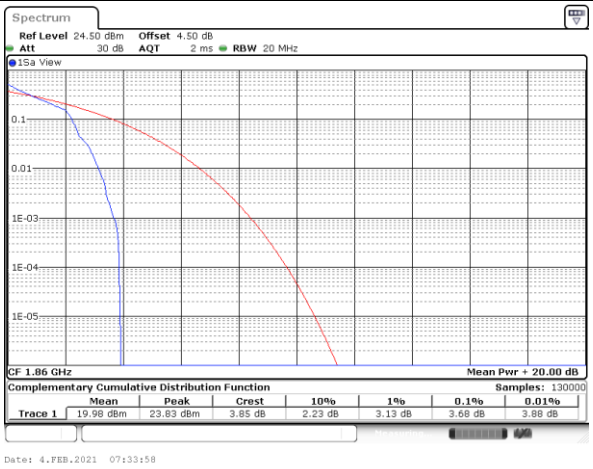
Peak-to-Average Ratio

Mode	FR1 n25+12A / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	PI/2 BPSK	QPSK	QPSK	Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.68	3.59	5.62	5.10	PASS
Middle CH	3.83	3.54	5.88	5.13	
Highest CH	3.94	3.65	6.03	5.22	

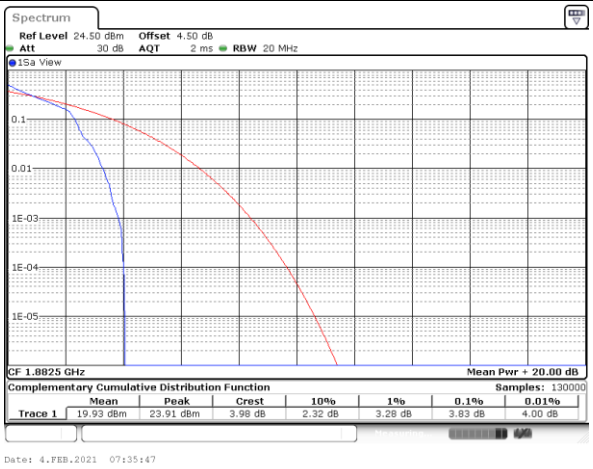
FR1 n25+12A / 20MHz / DFT-S OFDM

PI/2 BPSK

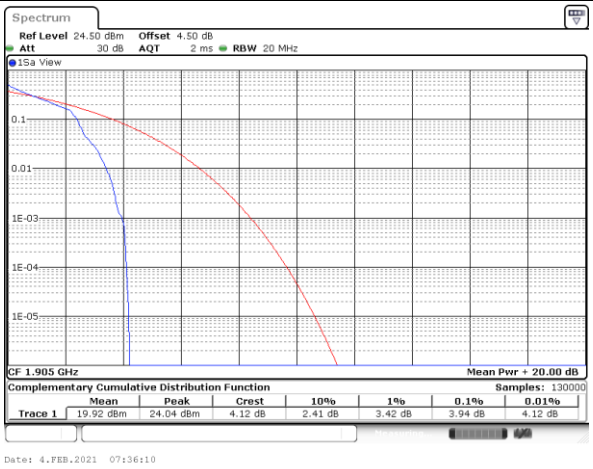
Lowest Channel / 1RB



Middle Channel / 1 RB

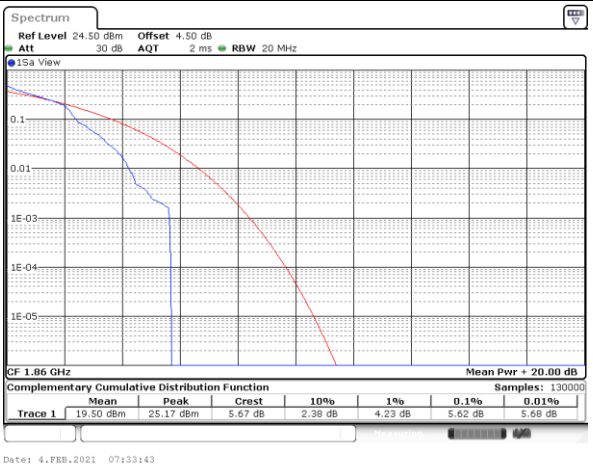


Highest Channel / 1 RB

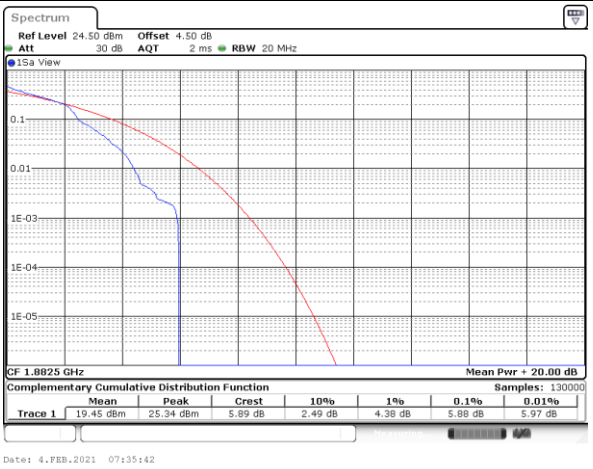


QPSK

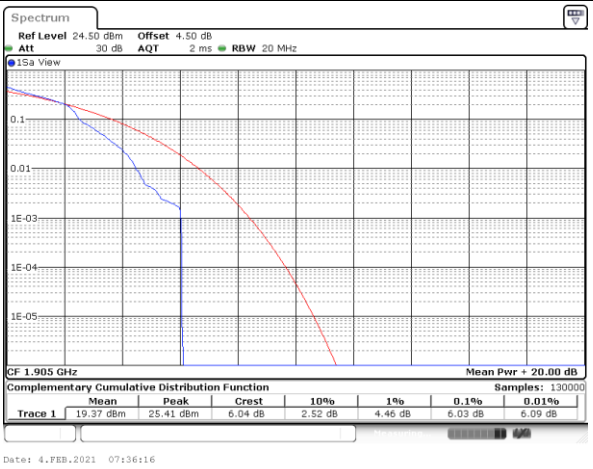
Lowest Channel / 1RB



Middle Channel / 1 RB



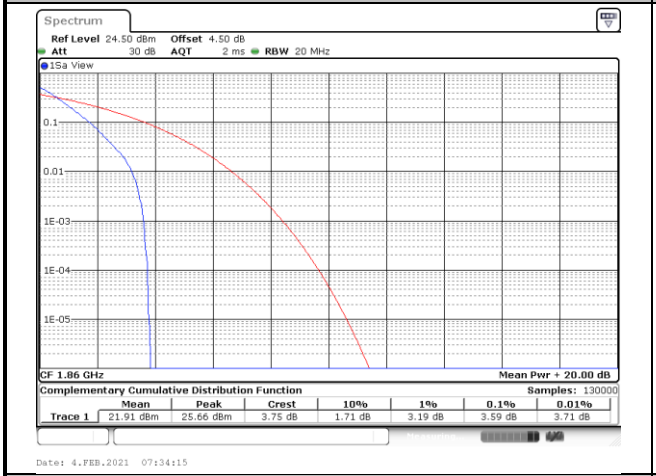
Highest Channel / 1 RB



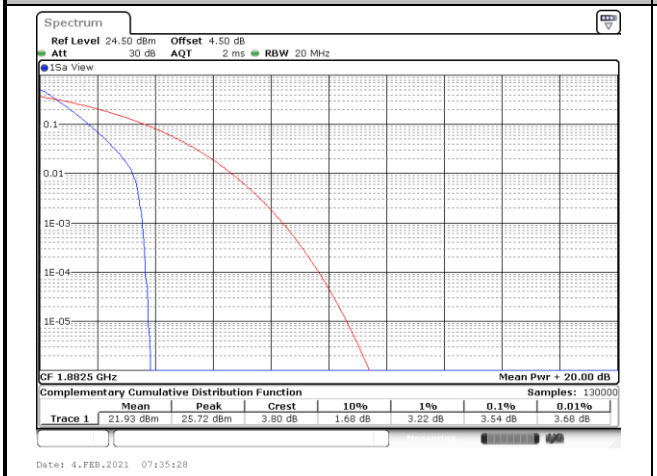
FR1 n25+12A / 20MHz / DFT-S OFDM

PI/2 BPSK

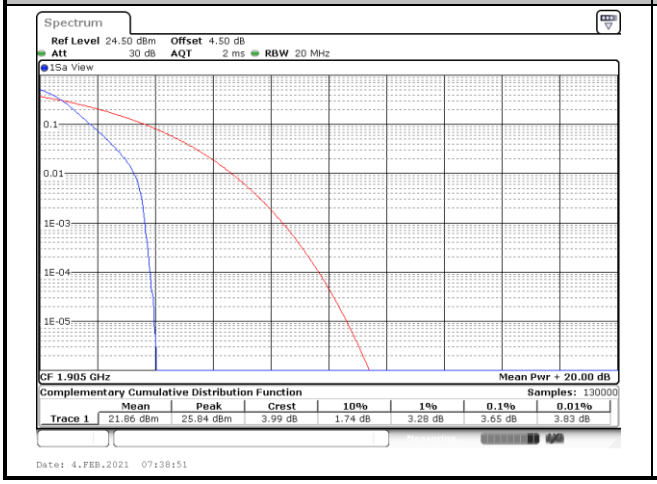
Lowest Channel / Full RB



Middle Channel / Full RB

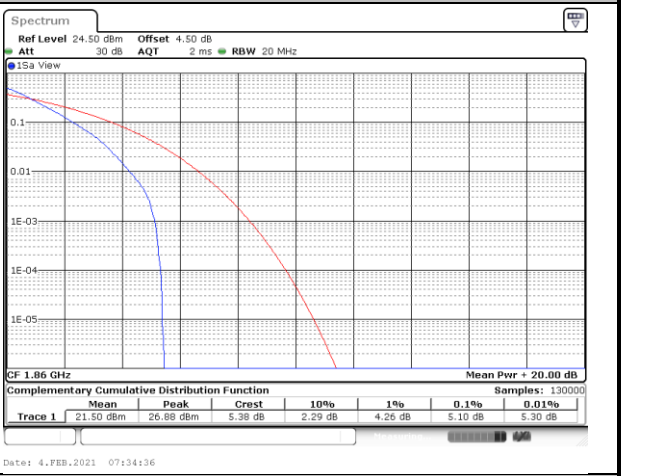


Highest Channel / Full RB

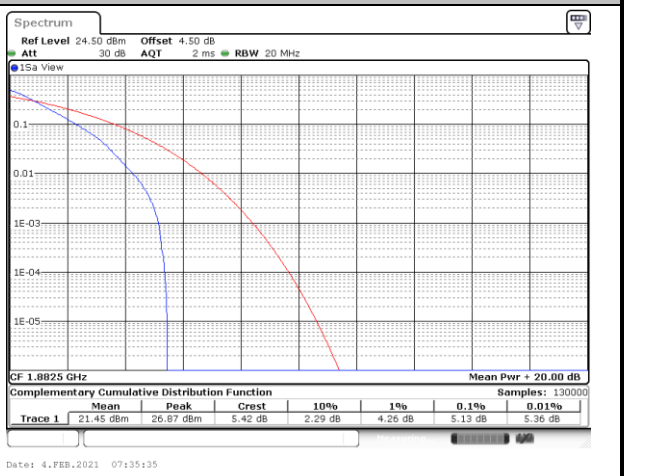


QPSK

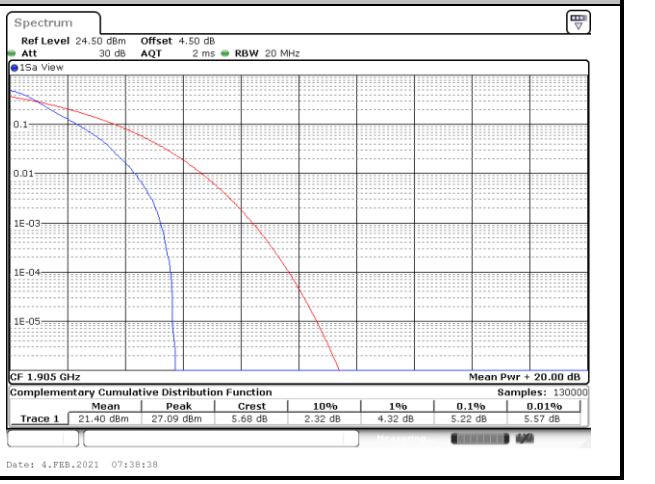
Lowest Channel / Full RB



Middle Channel / Full RB



Highest Channel / Full RB



26dB Bandwidth

Mode	FR1 n25+12A : 26dB BW(MHz) / CP-OFDM			
BW	5MHz	5MHz	5MHz	5MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	4.93	4.95	4.99	4.87

Mode	FR1 n25+12A : 26dB BW(MHz) / CP-OFDM			
BW	10MHz	10MHz	10MHz	10MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.93	9.81	9.73	9.81

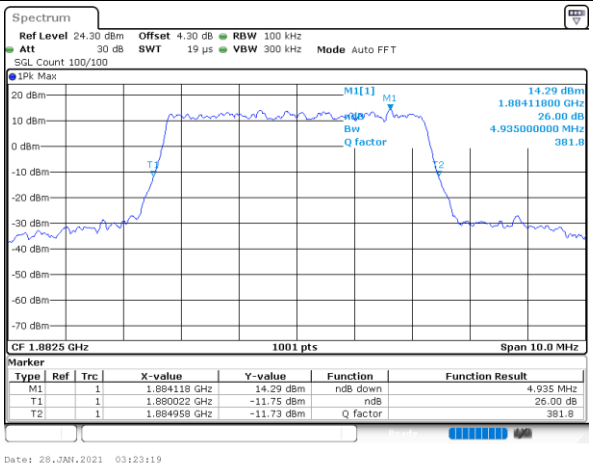
Mode	FR1 n25+12A : 26dB BW(MHz) / CP-OFDM			
BW	15MHz	15MHz	15MHz	15MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	15.04	14.98	14.96	15.02

Mode	FR1 n25+12A : 26dB BW(MHz) / CP-OFDM			
BW	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	19.86	19.90	20.02	19.82

FR1 n25+12A / 5MHz / CP-OFDM

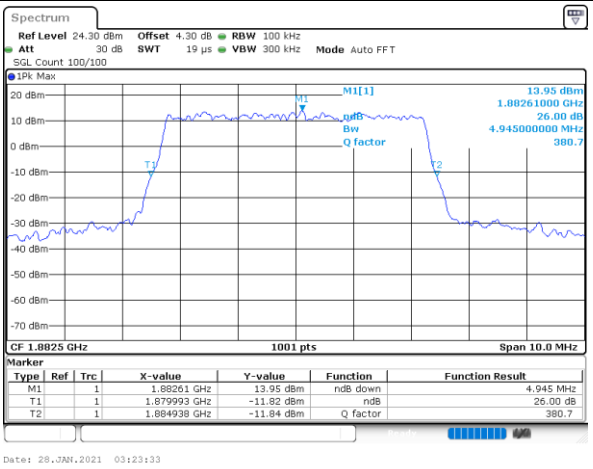
QPSK

Middle Channel



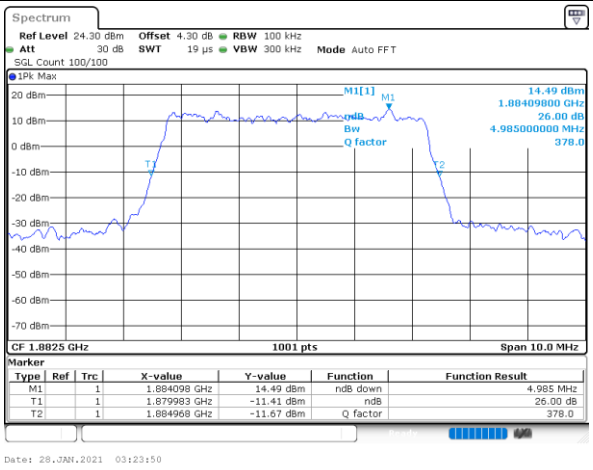
16QAM

Middle Channel



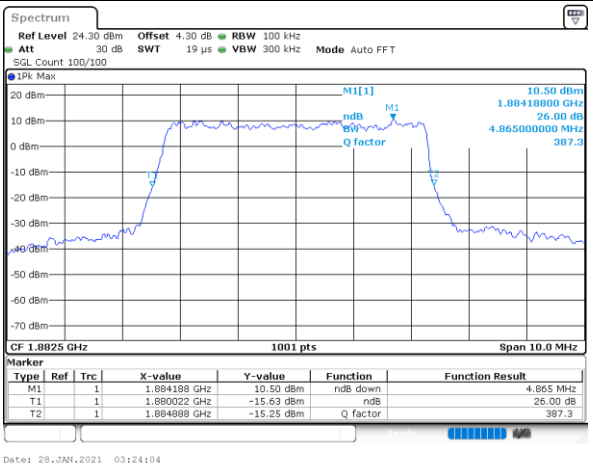
64QAM

Middle Channel



256QAM

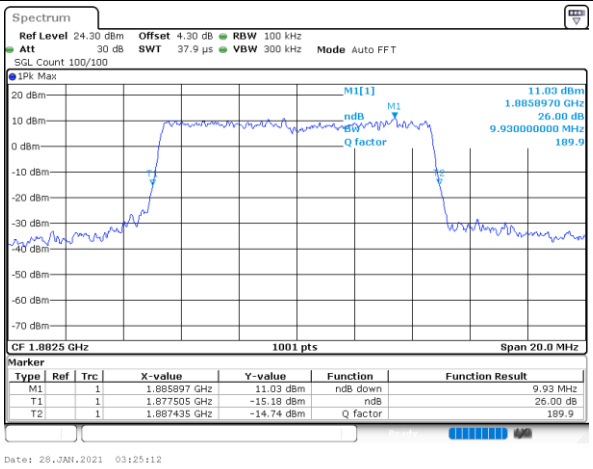
Middle Channel



FR1 n25+12A / 10MHz / CP-OFDM

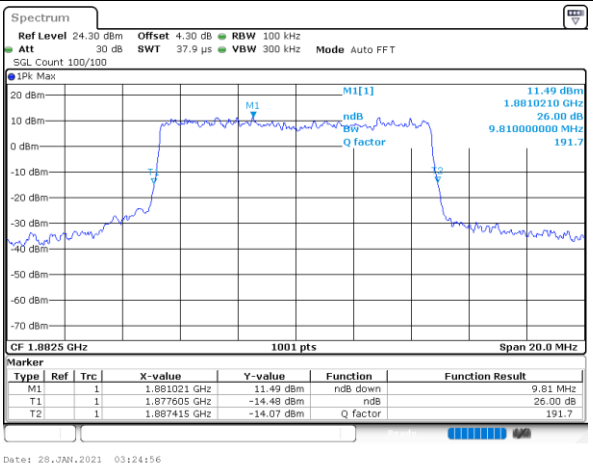
QPSK

Middle Channel



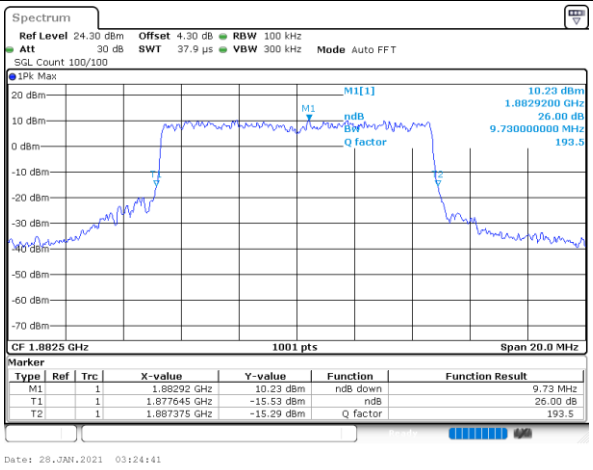
16QAM

Middle Channel



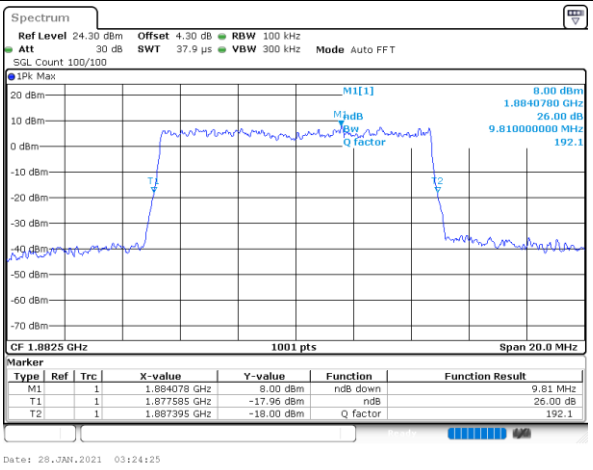
64QAM

Middle Channel



256QAM

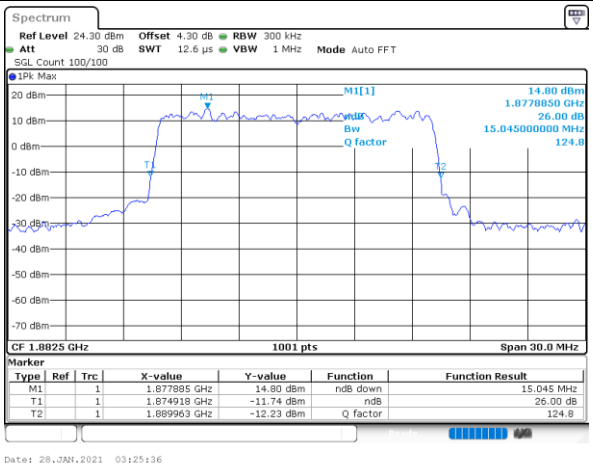
Middle Channel



FR1 n25+12A / 15MHz / CP-OFDM

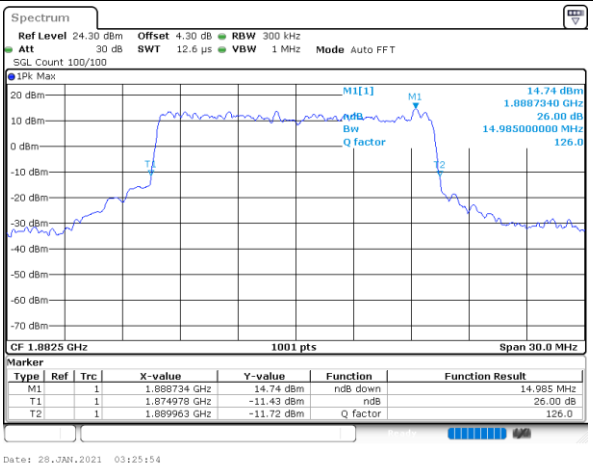
QPSK

Middle Channel



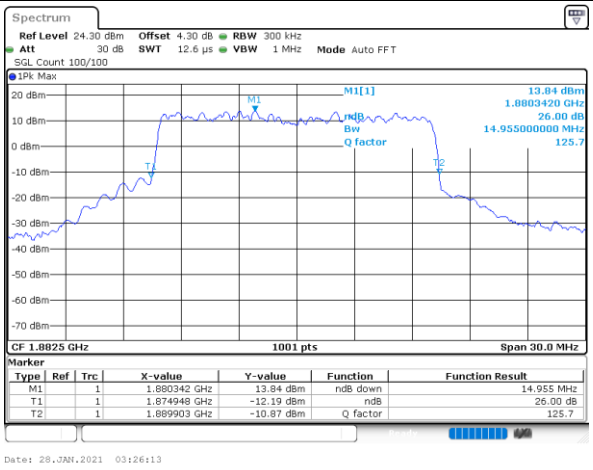
16QAM

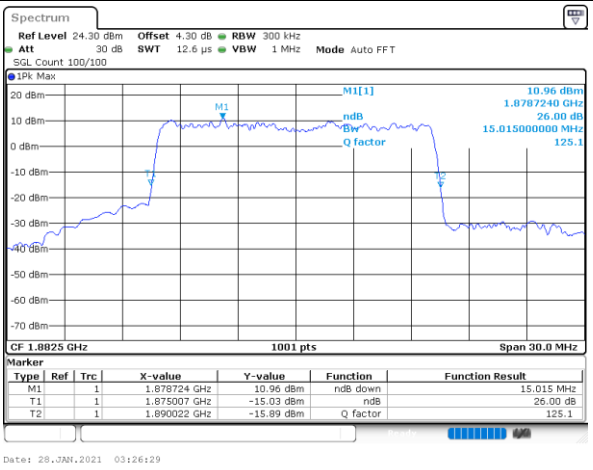
Middle Channel



64QAM

Middle Channel



256QAM

Middle Channel