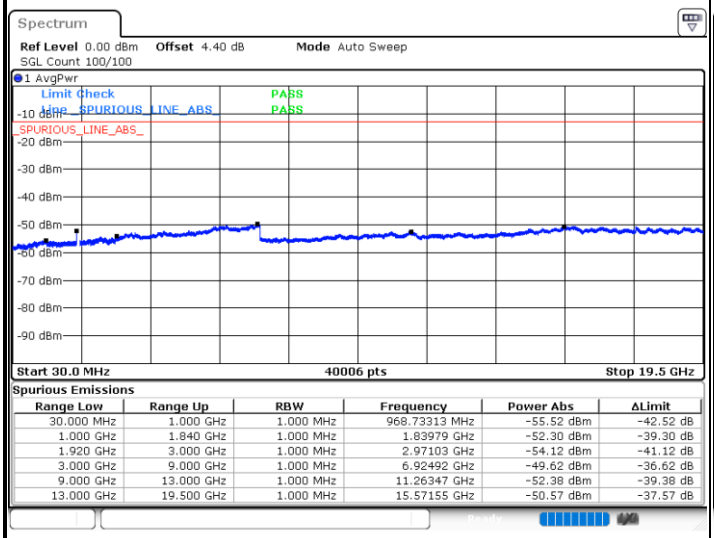
Conducted Spurious Emission

FR1 n25 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

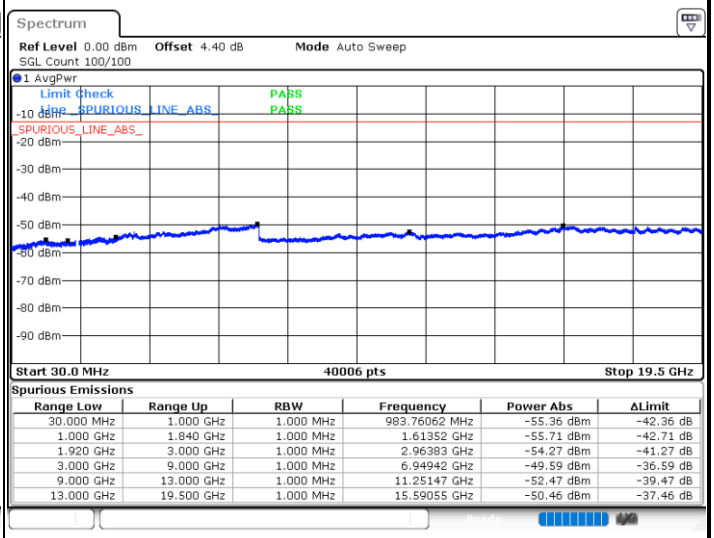


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	968.73313 MHz	-55.52 dBm	-42.52 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-52.30 dBm	-39.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97103 GHz	-54.12 dBm	-41.12 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92492 GHz	-49.62 dBm	-36.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26347 GHz	-52.38 dBm	-39.38 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.57155 GHz	-50.57 dBm	-37.57 dB

Date: 14.JAN.2021 06:41:40

Middle Channel / 1RB

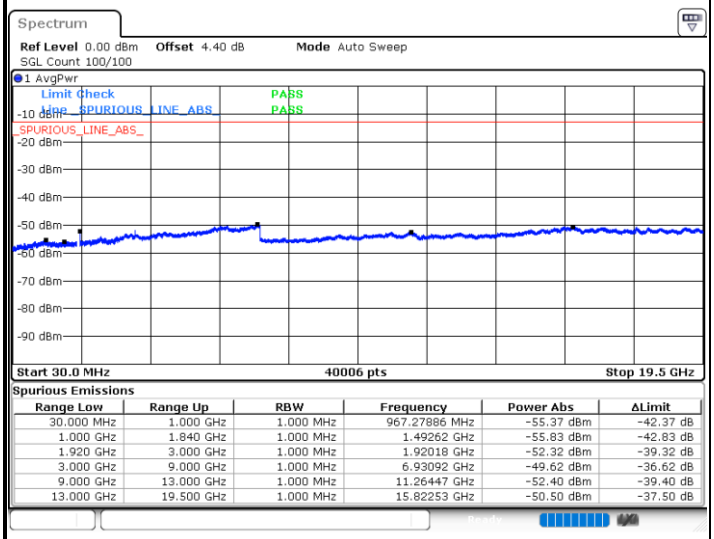


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	983.76062 MHz	-55.36 dBm	-42.36 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.61352 GHz	-55.71 dBm	-42.71 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96383 GHz	-54.27 dBm	-41.27 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94942 GHz	-49.59 dBm	-36.59 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25147 GHz	-52.47 dBm	-39.47 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.59055 GHz	-50.46 dBm	-37.46 dB

Date: 14.JAN.2021 06:51:49

Highest Channel / 1RB



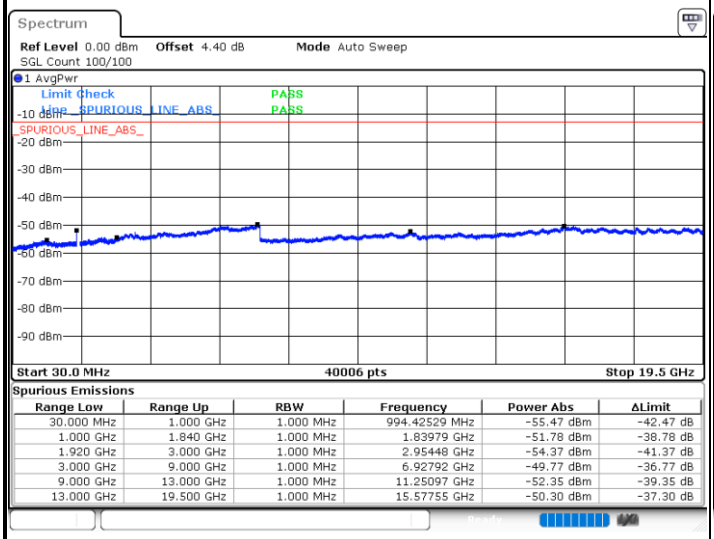
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.27886 MHz	-55.37 dBm	-42.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.49262 GHz	-55.83 dBm	-42.83 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.32 dBm	-39.32 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93092 GHz	-49.62 dBm	-36.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26447 GHz	-52.40 dBm	-39.40 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.82253 GHz	-50.50 dBm	-37.50 dB

Date: 14.JAN.2021 07:35:57

FR1 n25 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

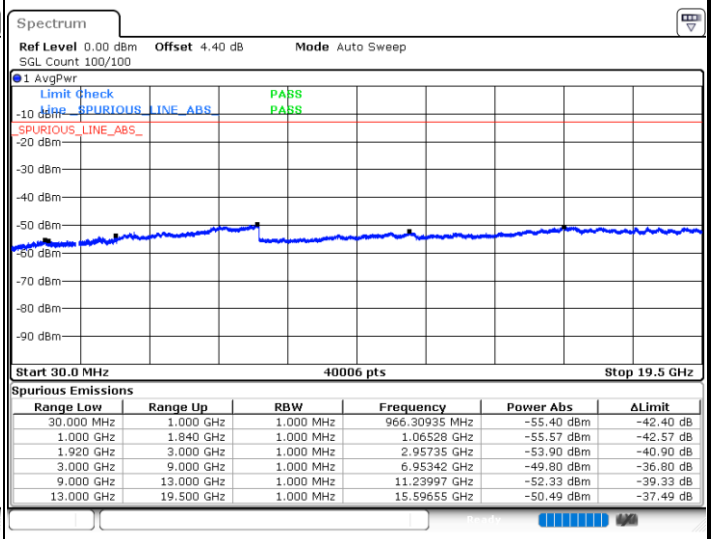


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-55.47 dBm	-42.47 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-51.78 dBm	-38.78 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95448 GHz	-54.37 dBm	-41.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92792 GHz	-49.77 dBm	-36.77 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25097 GHz	-52.35 dBm	-39.35 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.57755 GHz	-50.30 dBm	-37.30 dB

Date: 14.JAN.2021 06:43:31

Middle Channel / 1RB

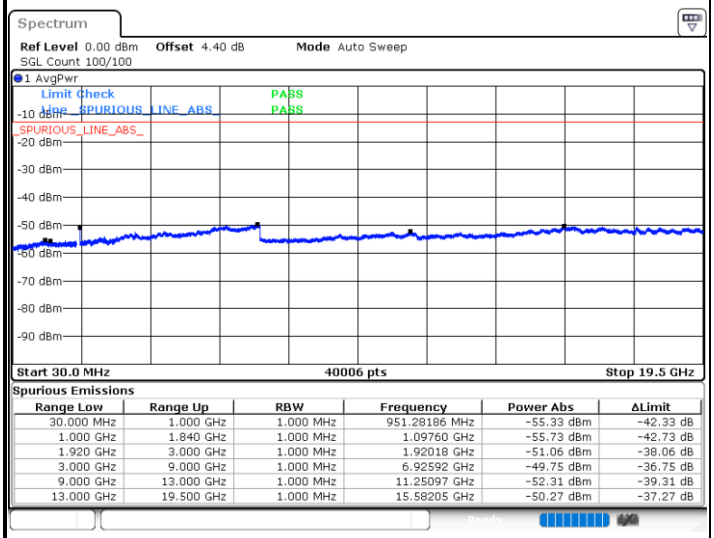


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	966.30935 MHz	-55.40 dBm	-42.40 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.06528 GHz	-55.57 dBm	-42.57 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95735 GHz	-53.90 dBm	-40.90 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95342 GHz	-49.80 dBm	-36.80 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23997 GHz	-52.33 dBm	-39.33 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.59655 GHz	-50.49 dBm	-37.49 dB

Date: 14.JAN.2021 07:33:23

Highest Channel / 1RB



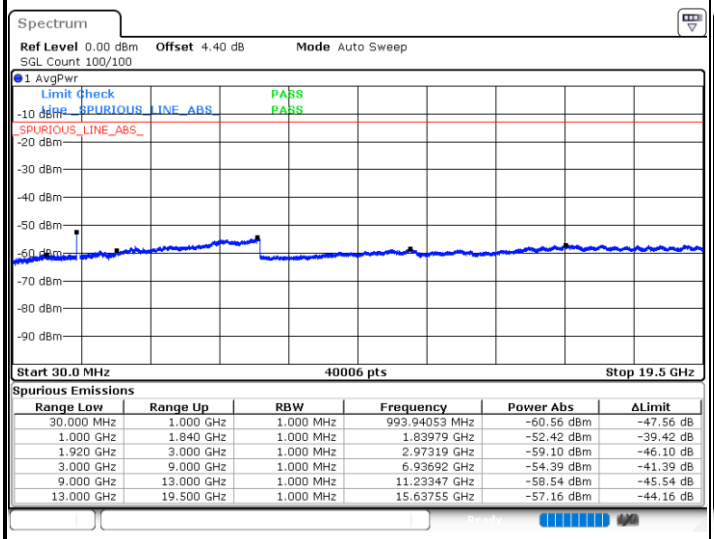
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	951.28186 MHz	-55.33 dBm	-42.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.09760 GHz	-55.73 dBm	-42.73 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-51.06 dBm	-38.06 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92592 GHz	-49.75 dBm	-36.75 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.25097 GHz	-52.31 dBm	-39.31 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.58205 GHz	-50.27 dBm	-37.27 dB

Date: 14.JAN.2021 07:35:13

FR1 n25 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

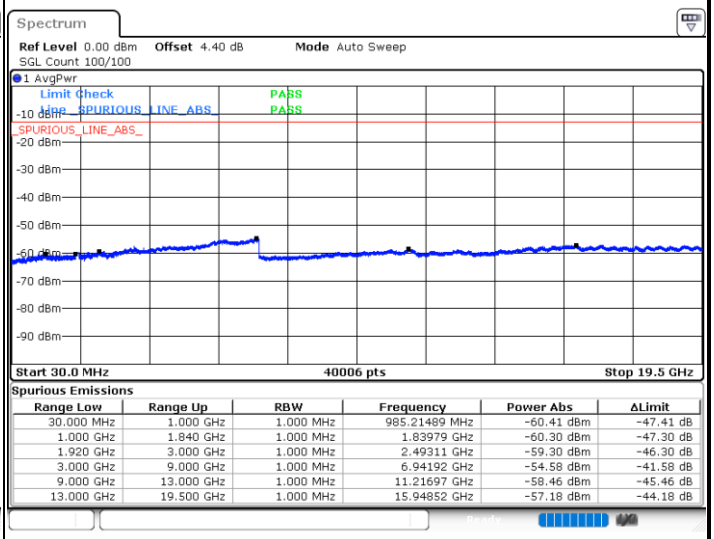


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	993.94053 MHz	-60.56 dBm	-47.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-52.42 dBm	-39.42 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97319 GHz	-59.10 dBm	-46.10 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93692 GHz	-54.39 dBm	-41.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23347 GHz	-58.54 dBm	-45.54 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.63755 GHz	-57.16 dBm	-44.16 dB

Date: 14.JAN.2021 06:11:40

Middle Channel / 1RB

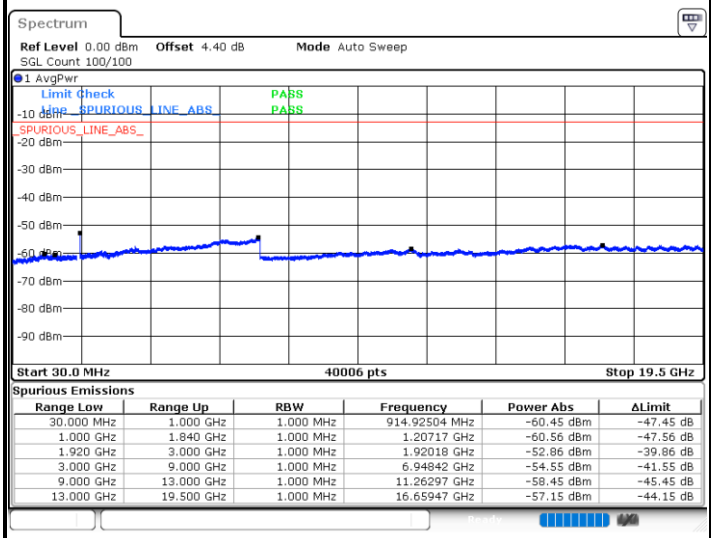


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-60.41 dBm	-47.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-60.30 dBm	-47.30 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.49311 GHz	-59.30 dBm	-46.30 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94192 GHz	-54.58 dBm	-41.58 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.21697 GHz	-58.46 dBm	-45.46 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.94852 GHz	-57.18 dBm	-44.18 dB

Date: 14.JAN.2021 06:19:29

Highest Channel / 1RB



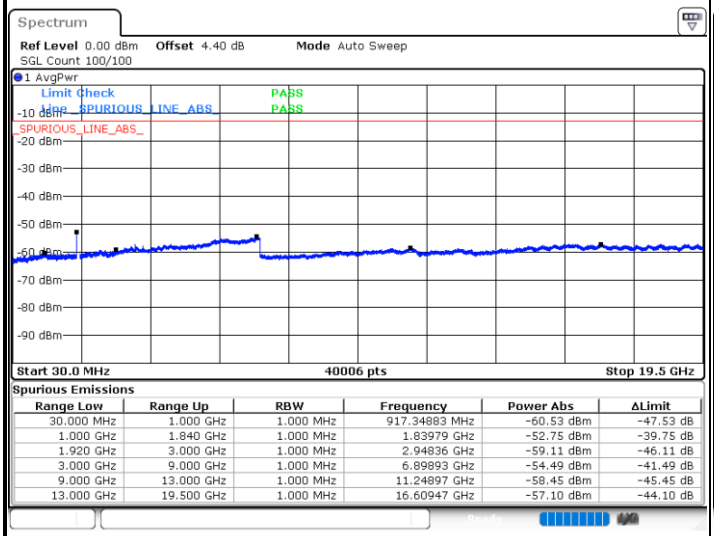
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-60.45 dBm	-47.45 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.20717 GHz	-60.56 dBm	-47.56 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.86 dBm	-39.86 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.94842 GHz	-54.55 dBm	-41.55 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.26297 GHz	-58.45 dBm	-45.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.65947 GHz	-57.15 dBm	-44.15 dB

Date: 14.JAN.2021 06:24:29

FR1 n25 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

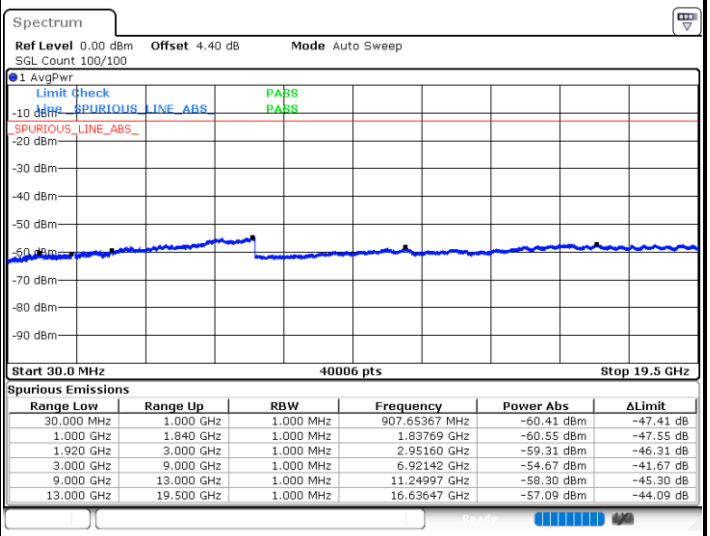


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	917.34883 MHz	-60.53 dBm	-47.53 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-52.75 dBm	-39.75 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94836 GHz	-59.11 dBm	-46.11 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.89893 GHz	-54.49 dBm	-41.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24897 GHz	-58.45 dBm	-45.45 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.60947 GHz	-57.10 dBm	-44.10 dB

Date: 14.JAN.2021 06:13:34

Middle Channel / 1RB

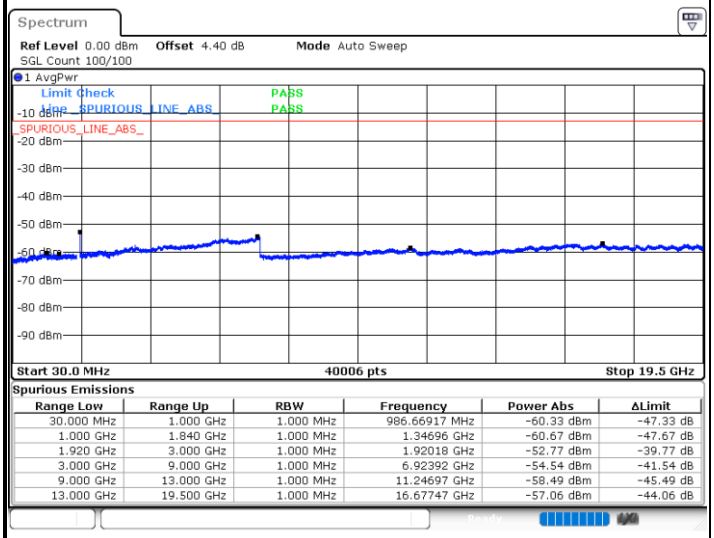


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.65367 MHz	-60.41 dBm	-47.41 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83769 GHz	-60.55 dBm	-47.55 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95160 GHz	-59.31 dBm	-46.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92142 GHz	-54.67 dBm	-41.67 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24997 GHz	-58.30 dBm	-45.30 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.63647 GHz	-57.09 dBm	-44.09 dB

Date: 14.JAN.2021 06:21:13

Highest Channel / 1RB



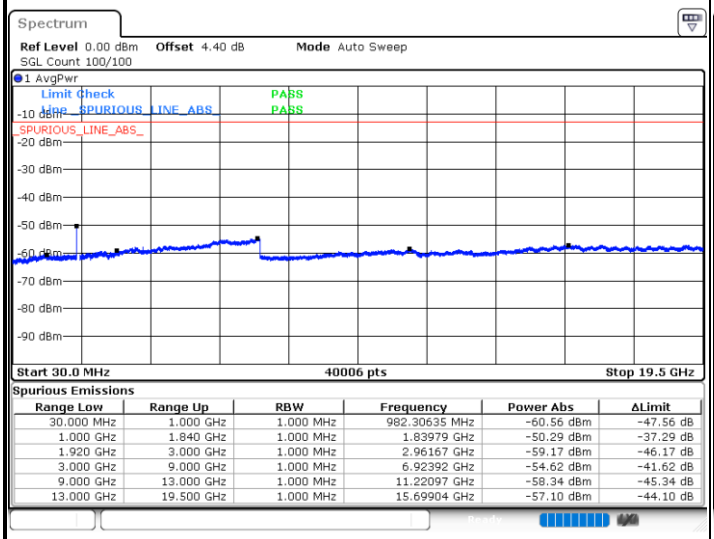
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	986.66917 MHz	-60.33 dBm	-47.33 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.34696 GHz	-60.67 dBm	-47.67 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.77 dBm	-39.77 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92392 GHz	-54.54 dBm	-41.54 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24697 GHz	-58.49 dBm	-45.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.67747 GHz	-57.06 dBm	-44.06 dB

Date: 14.JAN.2021 06:22:47

FR1 n25 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

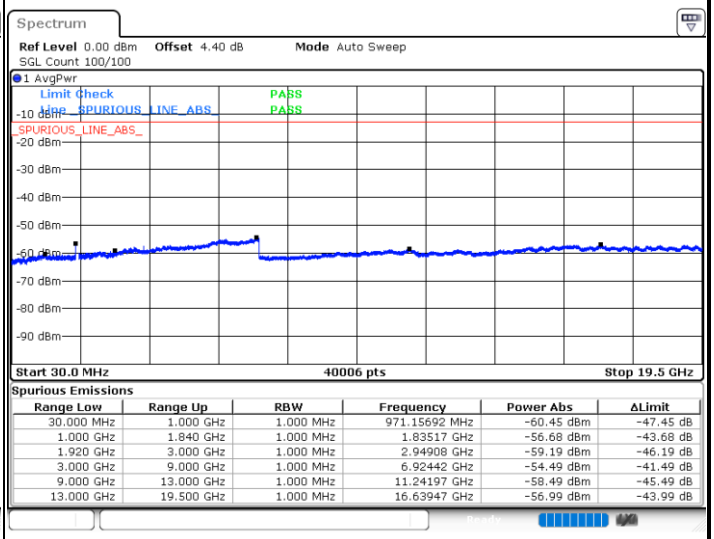


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	982.30635 MHz	-60.56 dBm	-47.56 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83979 GHz	-50.29 dBm	-37.29 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.96167 GHz	-59.17 dBm	-46.17 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92392 GHz	-54.62 dBm	-41.62 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22097 GHz	-58.34 dBm	-45.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.69904 GHz	-57.10 dBm	-44.10 dB

Date: 13.JAN.2021 08:28:07

Middle Channel / 1RB

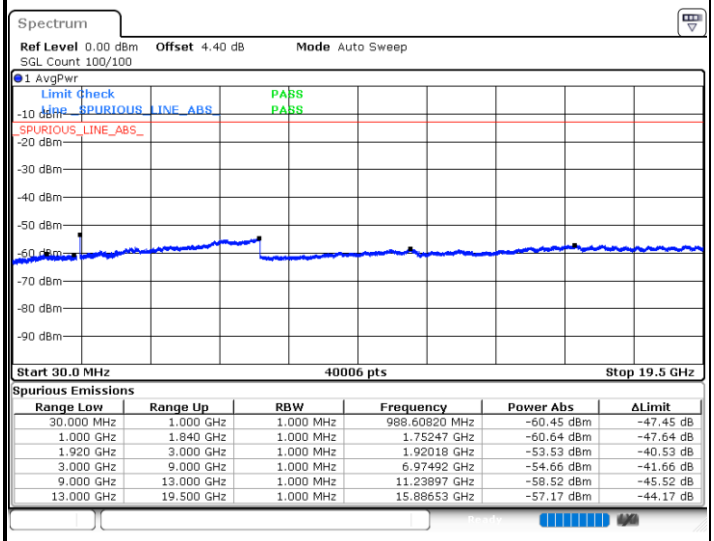


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-60.45 dBm	-47.45 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83517 GHz	-56.68 dBm	-43.68 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.94908 GHz	-59.19 dBm	-46.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.92442 GHz	-54.49 dBm	-41.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.24197 GHz	-58.49 dBm	-45.49 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.63947 GHz	-56.99 dBm	-43.99 dB

Date: 13.JAN.2021 08:00:42

Highest Channel / 1RB



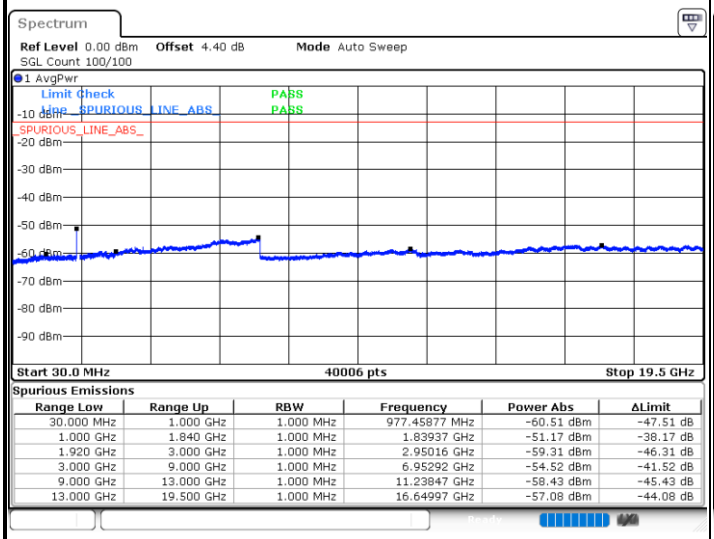
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.60820 MHz	-60.45 dBm	-47.45 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.75247 GHz	-60.64 dBm	-47.64 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-53.53 dBm	-40.53 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.97492 GHz	-54.66 dBm	-41.66 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23897 GHz	-58.52 dBm	-45.52 dB
13.000 GHz	19.500 GHz	1.000 MHz	15.88653 GHz	-57.17 dBm	-44.17 dB

Date: 14.JAN.2021 06:07:07

FR1 n25 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

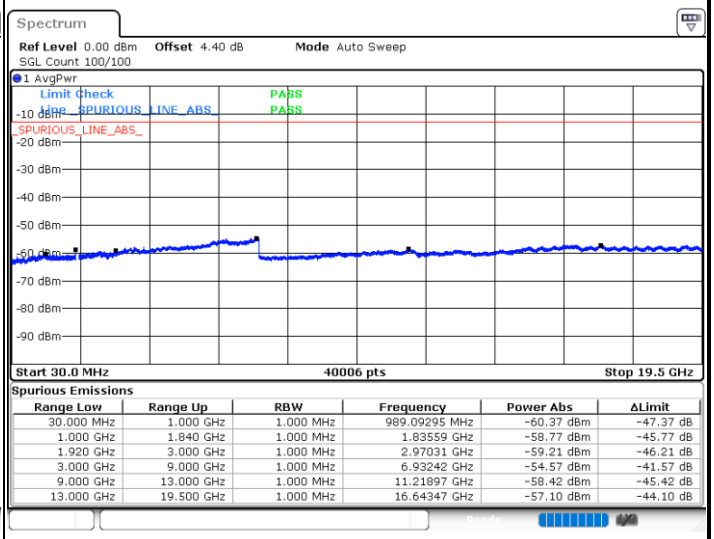


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	977.45877 MHz	-60.51 dBm	-47.51 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83937 GHz	-51.17 dBm	-38.17 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.95016 GHz	-59.31 dBm	-46.31 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95292 GHz	-54.52 dBm	-41.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.23847 GHz	-58.43 dBm	-45.43 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.64997 GHz	-57.08 dBm	-44.08 dB

Date: 13.JAN.2021 08:32:15

Middle Channel / 1RB

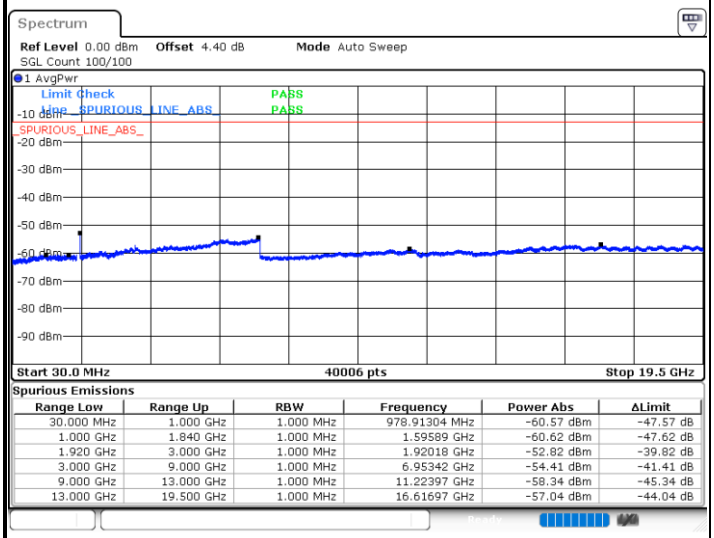


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	989.09295 MHz	-60.37 dBm	-47.37 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.83559 GHz	-58.77 dBm	-45.77 dB
1.920 GHz	3.000 GHz	1.000 MHz	2.97031 GHz	-59.21 dBm	-46.21 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.93242 GHz	-54.57 dBm	-41.57 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.21897 GHz	-58.42 dBm	-45.42 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.64347 GHz	-57.10 dBm	-44.10 dB

Date: 13.JAN.2021 07:54:23

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	978.91304 MHz	-60.57 dBm	-47.57 dB
1.000 GHz	1.840 GHz	1.000 MHz	1.59589 GHz	-60.62 dBm	-47.62 dB
1.920 GHz	3.000 GHz	1.000 MHz	1.92018 GHz	-52.82 dBm	-39.82 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.95342 GHz	-54.41 dBm	-41.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	11.22397 GHz	-58.34 dBm	-45.34 dB
13.000 GHz	19.500 GHz	1.000 MHz	16.61697 GHz	-57.04 dBm	-44.04 dB

Date: 14.JAN.2021 06:08:29

Frequency Stability

Test Conditions		NR n25 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

FR1 n66 SA

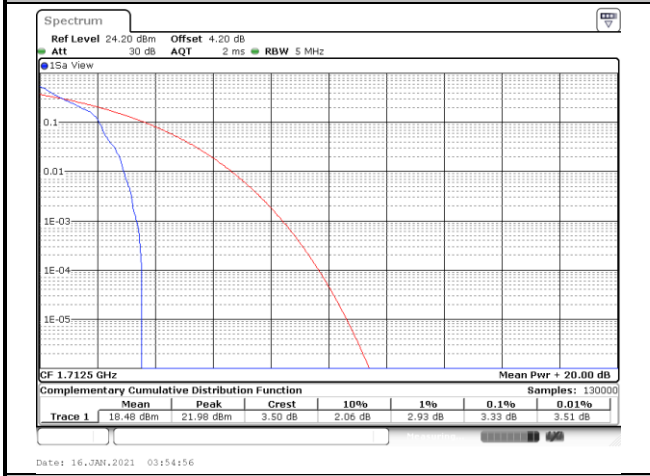
Peak-to-Average Ratio

Mode	FR1 n66 / 5MHz / 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	3.33	3.86	5.04	5.39	PASS
Middle CH	3.30	3.86	5.01	5.42	
Highest CH	3.42	3.83	4.93	5.48	

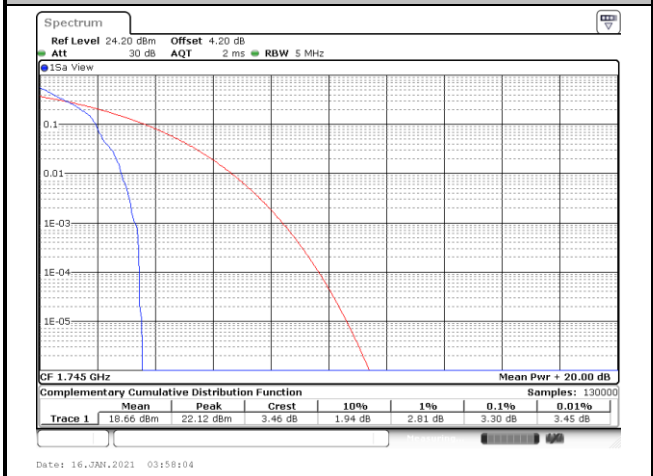
FR1 n66 / 5MHz / DFT-S OFDM

PI/2 BPSK

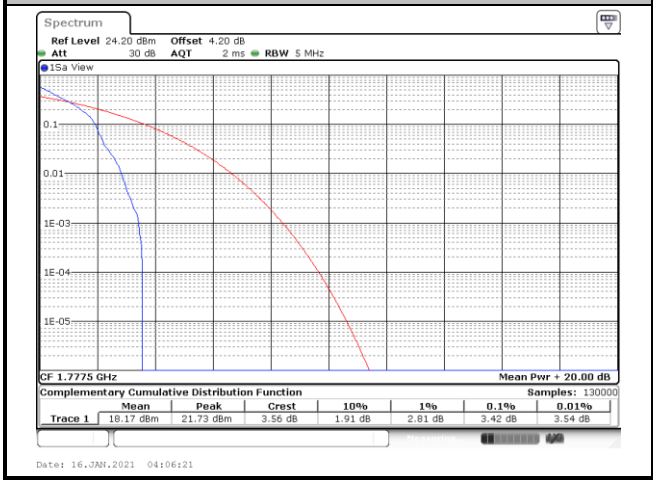
Lowest Channel / 1RB



Middle Channel / 1 RB

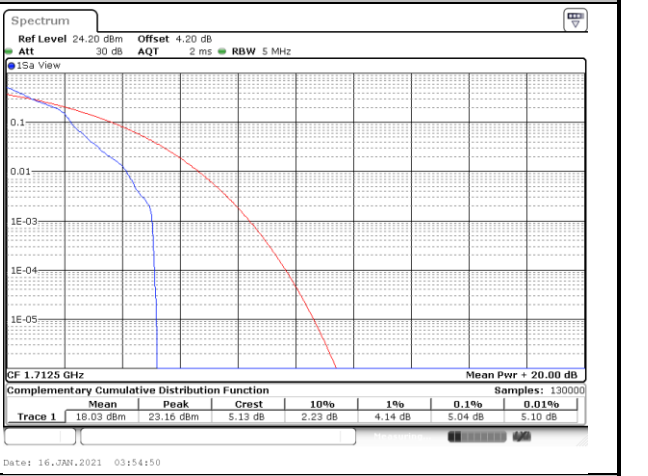


Highest Channel / 1 RB

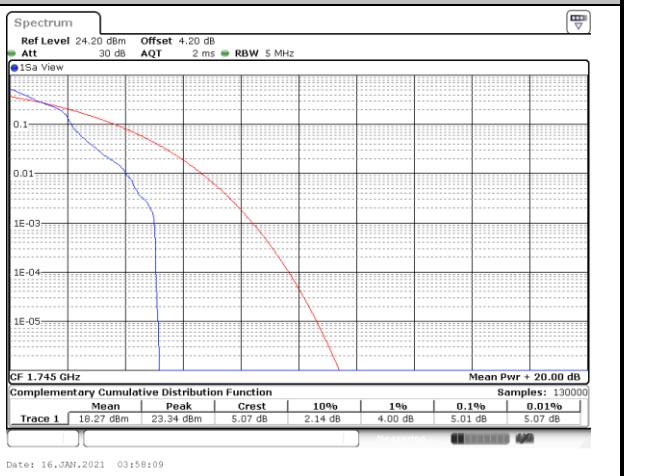


QPSK

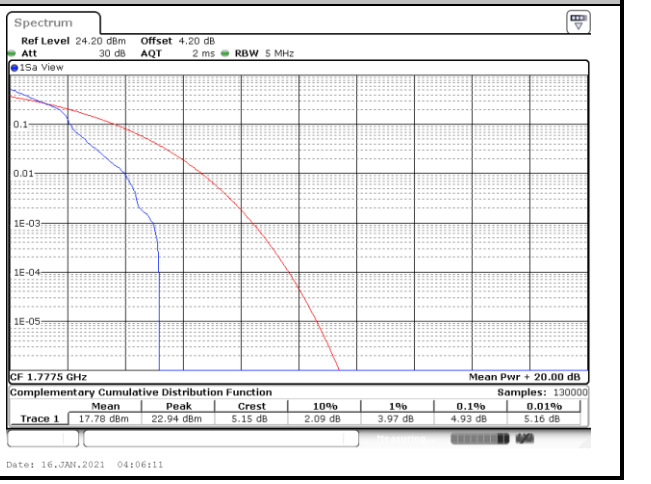
Lowest Channel / 1RB



Middle Channel / 1 RB



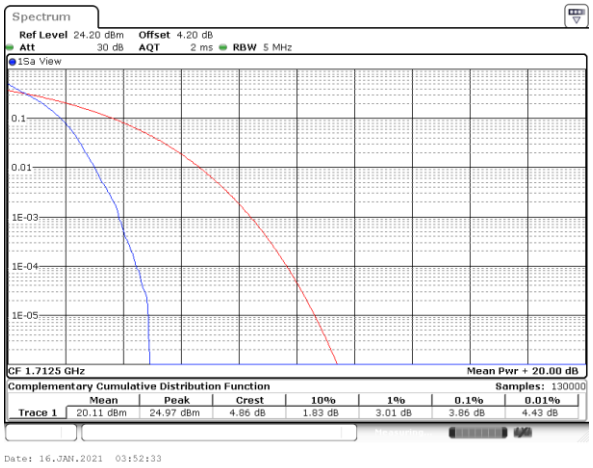
Highest Channel / 1 RB



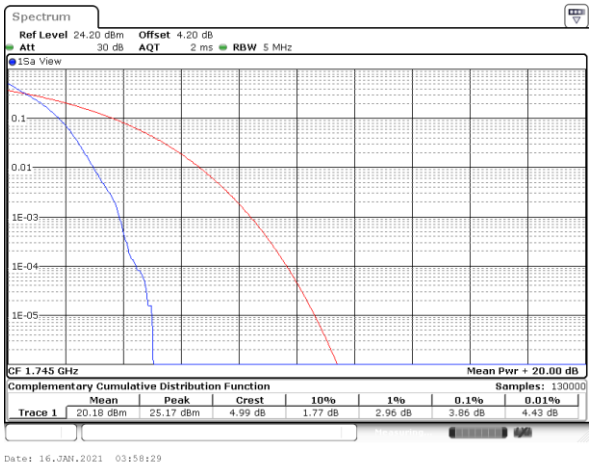
FR1 n66 / 5MHz / DFT-S OFDM

PI/2 BPSK

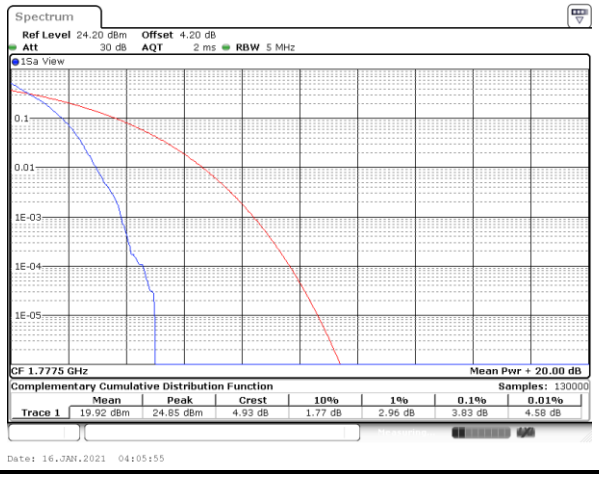
Lowest Channel / Full RB



Middle Channel / Full RB

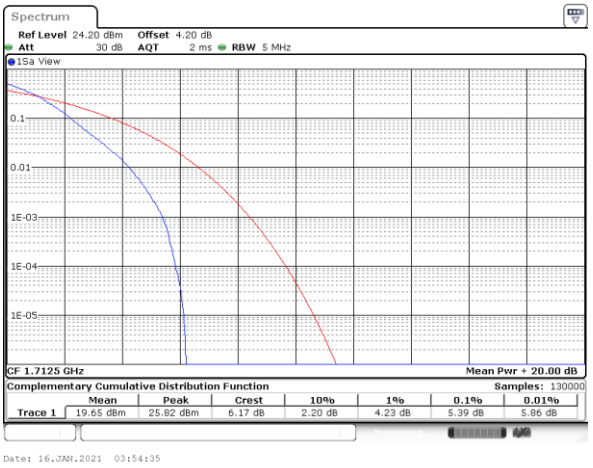


Highest Channel / Full RB

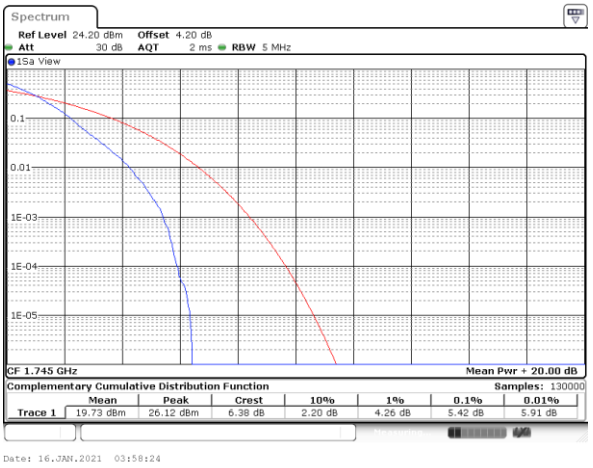


QPSK

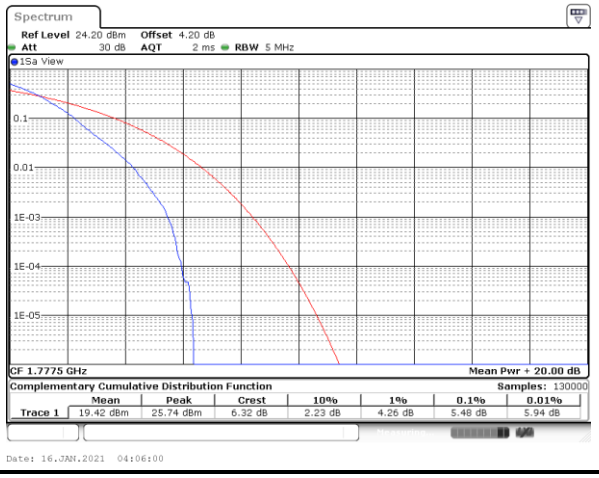
Lowest Channel / Full RB



Middle Channel / Full RB



Highest Channel / Full RB



26dB Bandwidth

Mode	FR1 n66 : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.83	4.92	4.96	4.89				

Mode	FR1 n66 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.81	9.83	9.83	9.89				

Mode	FR1 n66 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.89	14.98	14.93	15.04				

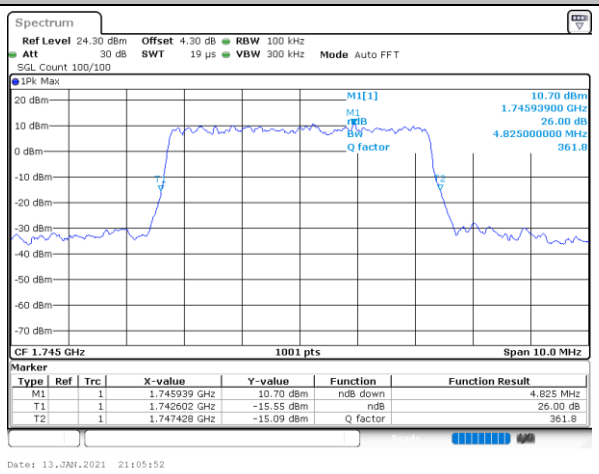
Mode	FR1 n66 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	20.06	20.22	20.10	19.94				

Mode	FR1 n66 : 26dB BW(MHz) / CP-OFDM							
BW	40MHz	40MHz	40MHz	40MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	40.99	40.99	40.91	40.99				

FR1 n66 / 5MHz / CP-OFDM

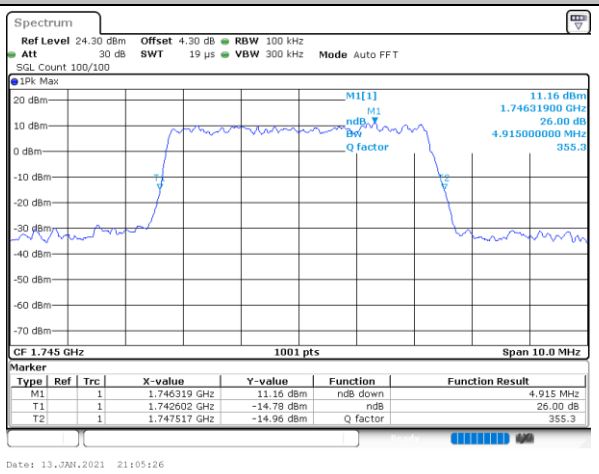
QPSK

Middle Channel



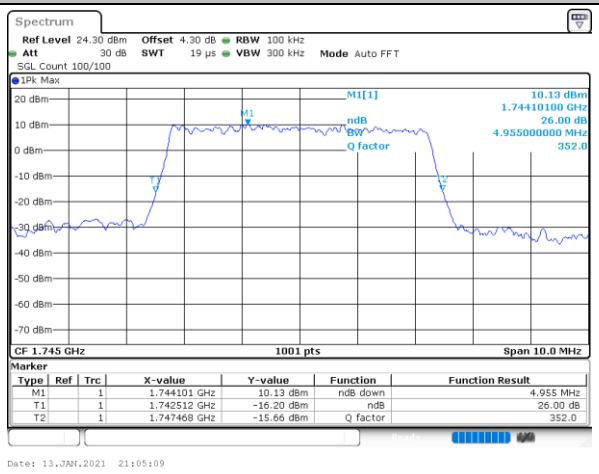
16QAM

Middle Channel



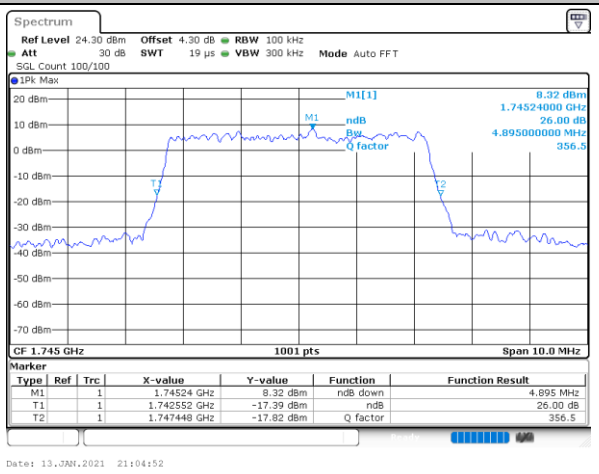
64QAM

Middle Channel



256QAM

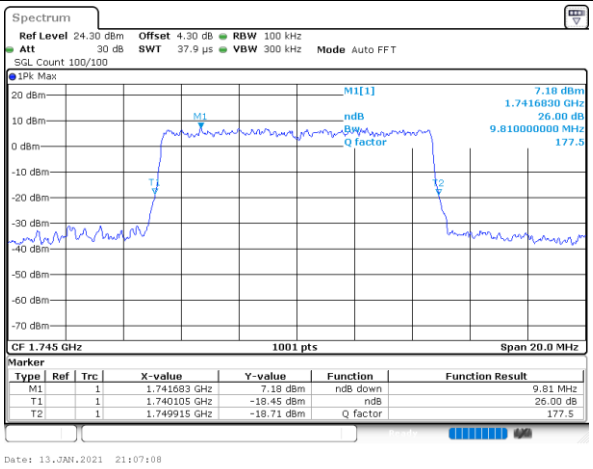
Middle Channel



FR1 n66 / 10MHz / CP-OFDM

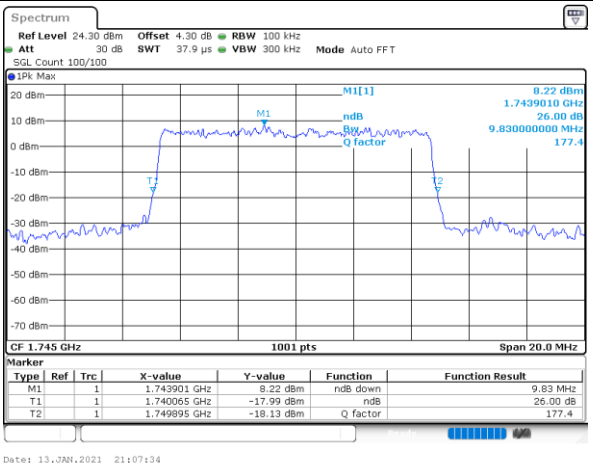
QPSK

Middle Channel



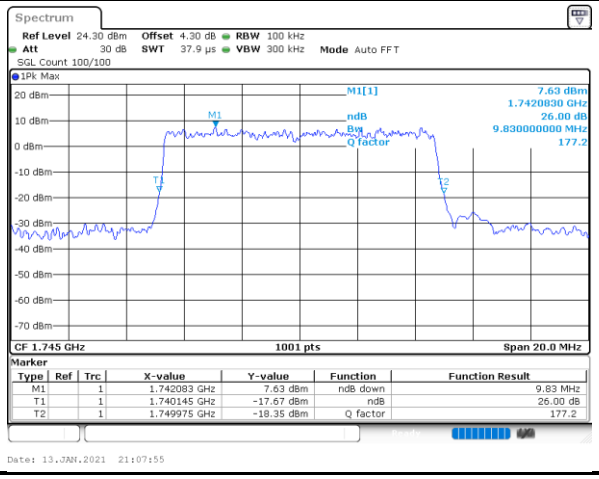
16QAM

Middle Channel



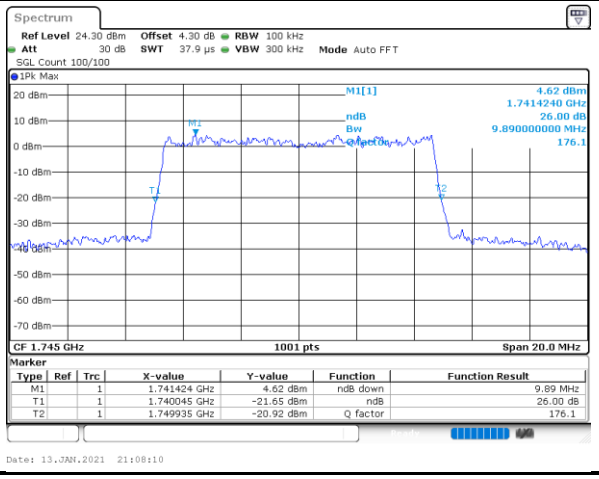
64QAM

Middle Channel



256QAM

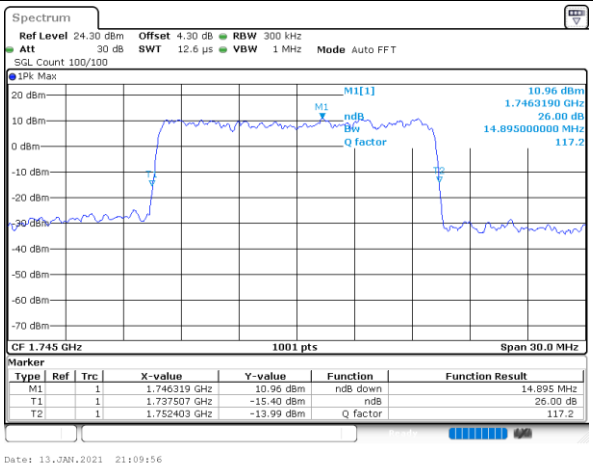
Middle Channel



FR1 n66 / 15MHz / CP-OFDM

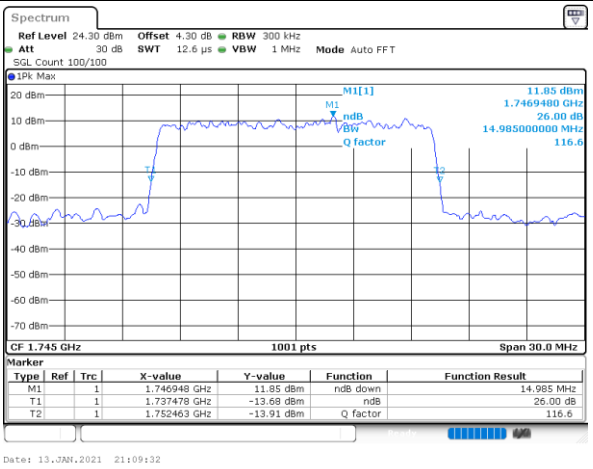
QPSK

Middle Channel



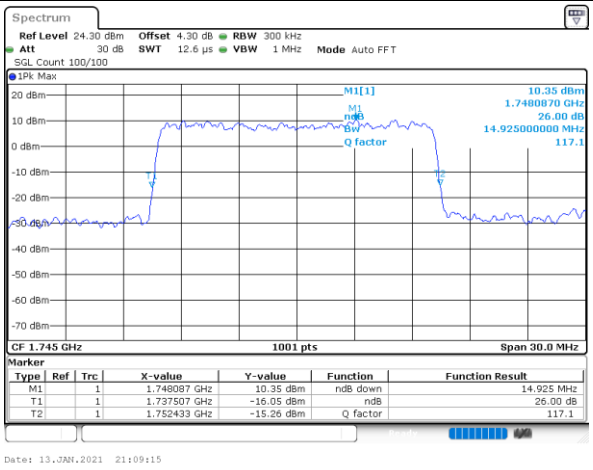
16QAM

Middle Channel



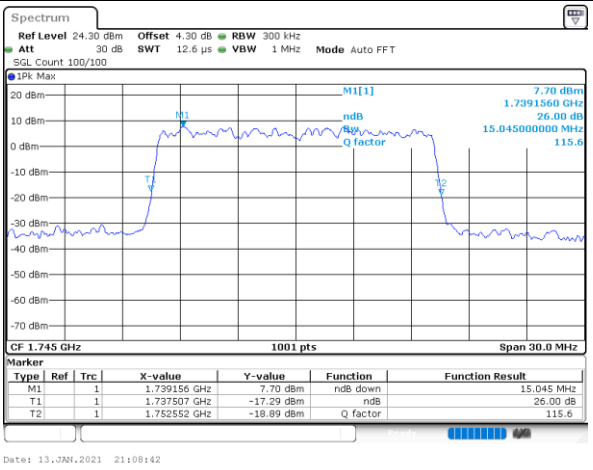
64QAM

Middle Channel



256QAM

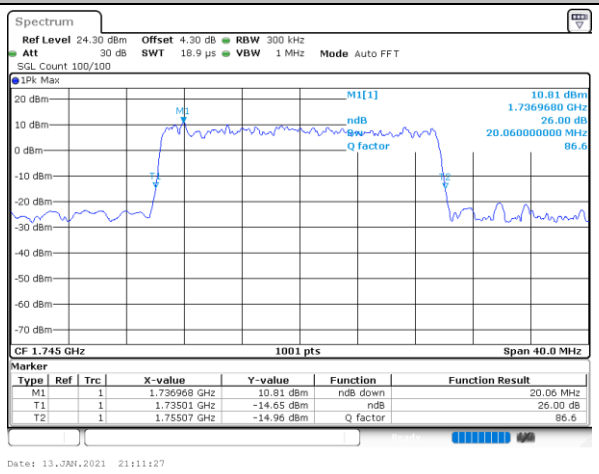
Middle Channel



FR1 n66 / 20MHz / CP-OFDM

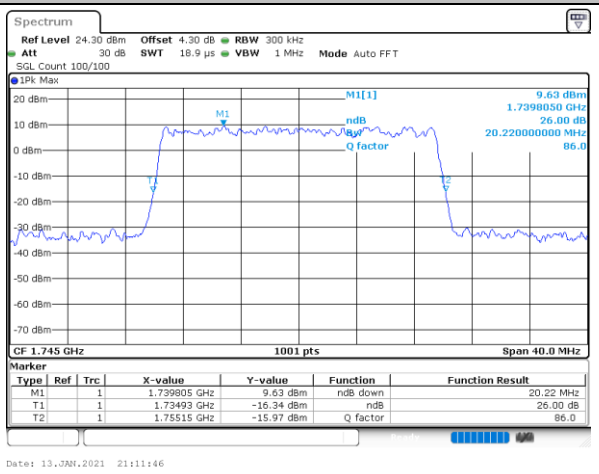
QPSK

Middle Channel



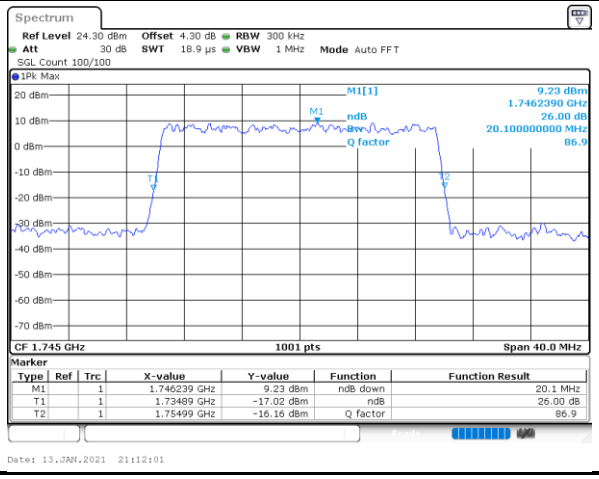
16QAM

Middle Channel



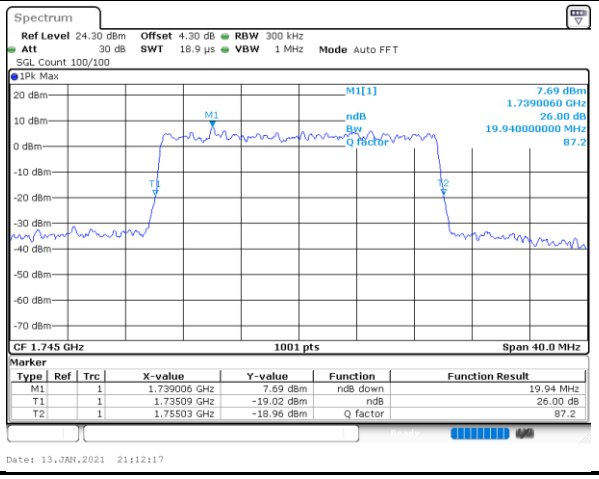
64QAM

Middle Channel



256QAM

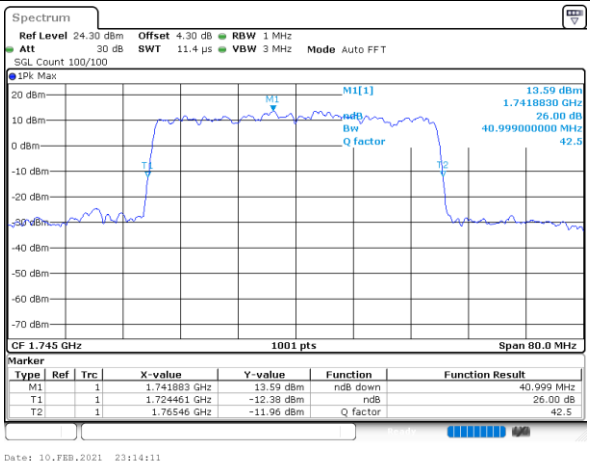
Middle Channel



FR1 n66 / 40MHz / CP-OFDM

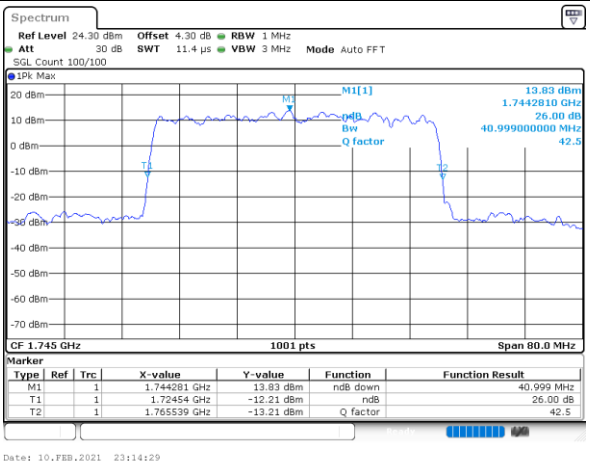
QPSK

Middle Channel



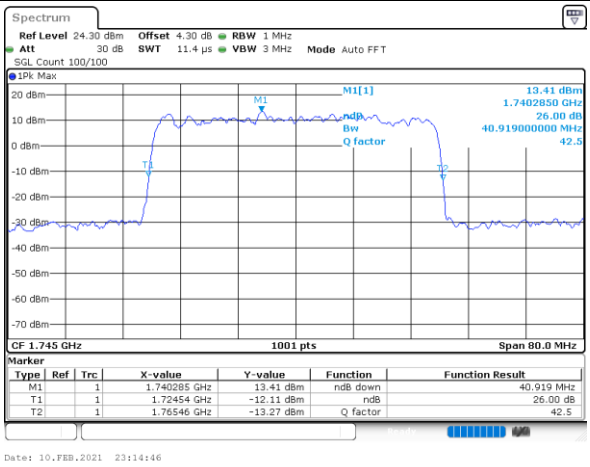
16QAM

Middle Channel



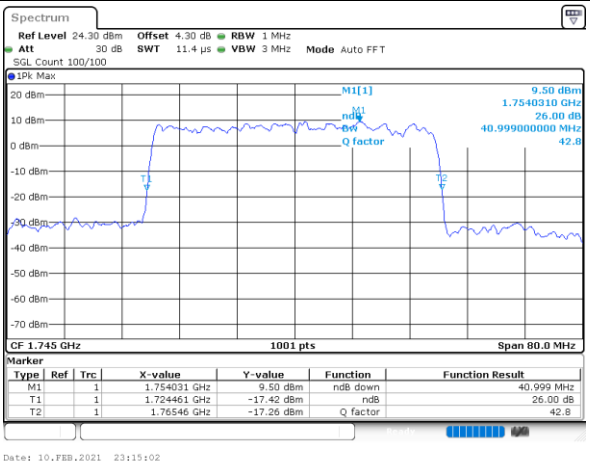
64QAM

Middle Channel



256QAM

Middle Channel



Occupied Bandwidth

Mode	FR1 n66 : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.48	4.49	4.49	4.50				

Mode	FR1 n66 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.27	9.29	9.27	9.27				

Mode	FR1 n66 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.12	14.09	14.15	14.15				

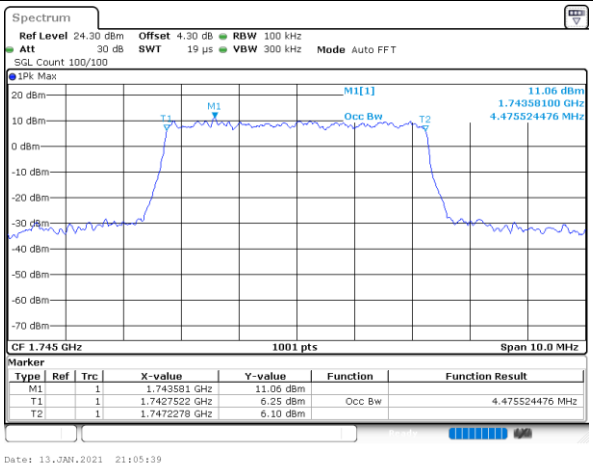
Mode	FR1 n66 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.98	19.02	18.86	18.98				

Mode	FR1 n66 : OBW(MHz) / CP-OFDM							
BW	40MHz	40MHz	40MHz	40MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	38.68	38.6	38.76	38.68				

FR1 n66 / 5MHz / CP-OFDM

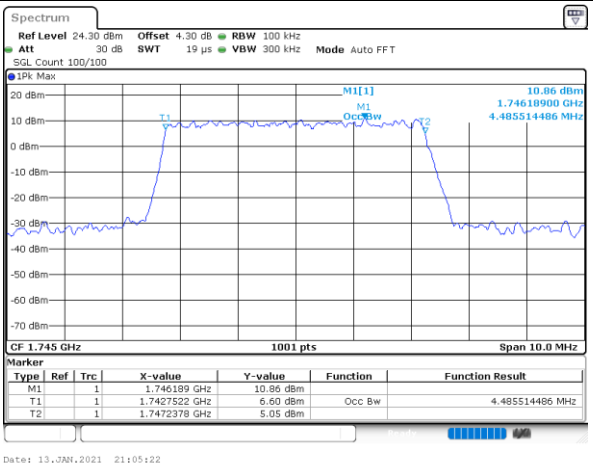
QPSK

Middle Channel



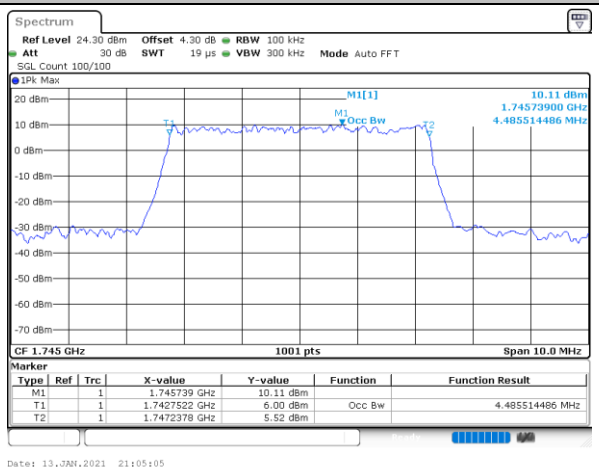
16QAM

Middle Channel



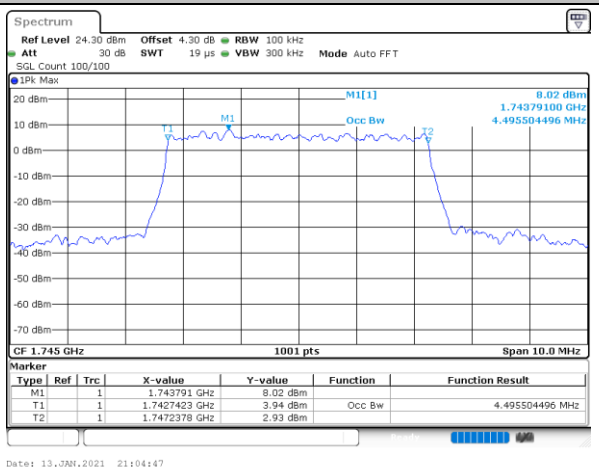
64QAM

Middle Channel



256QAM

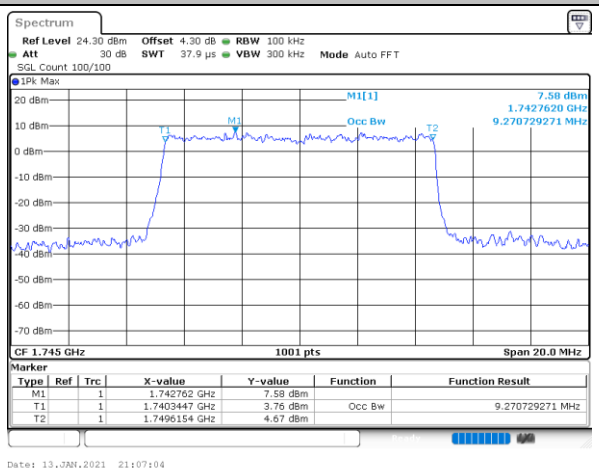
Middle Channel



FR1 n66 / 10MHz / CP-OFDM

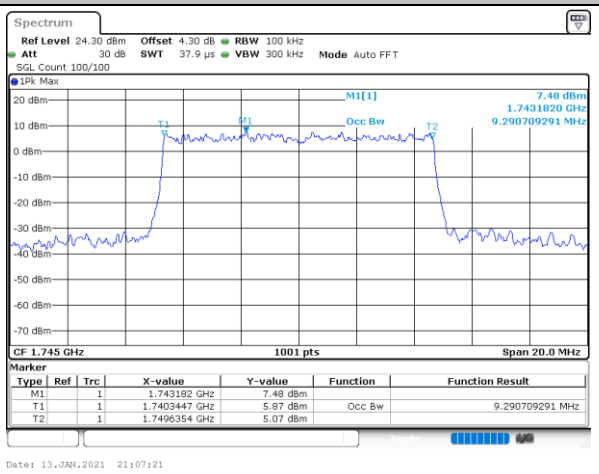
QPSK

Middle Channel



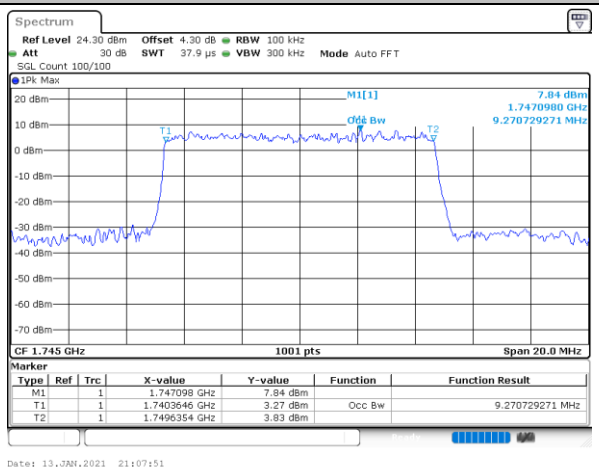
16QAM

Middle Channel



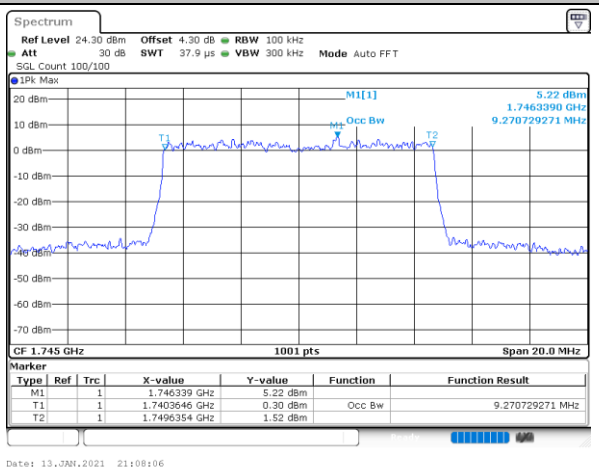
64QAM

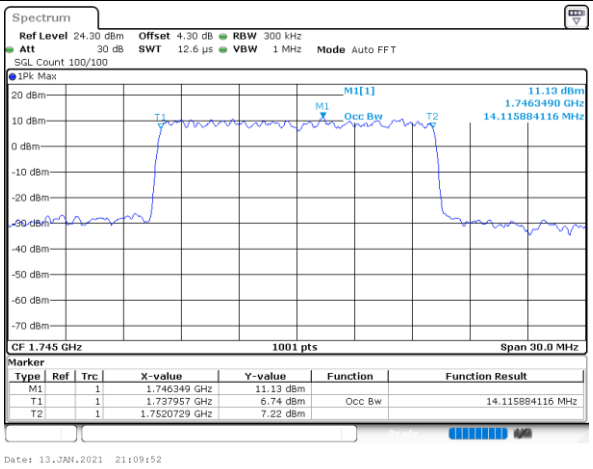
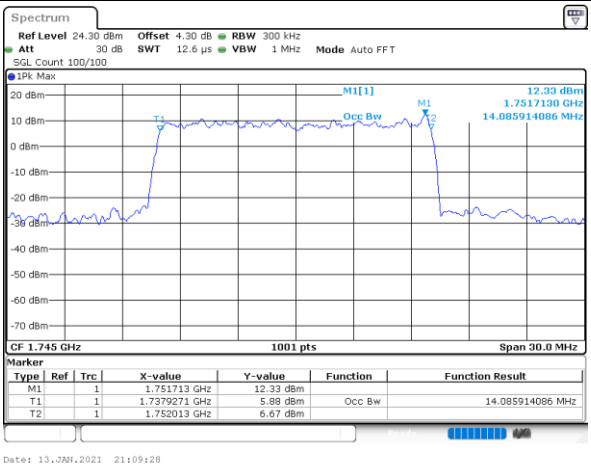
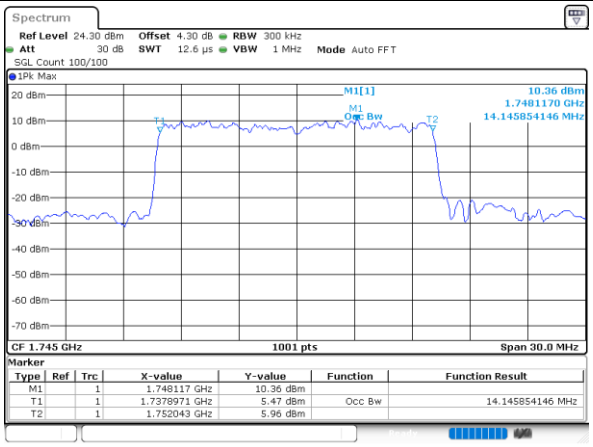
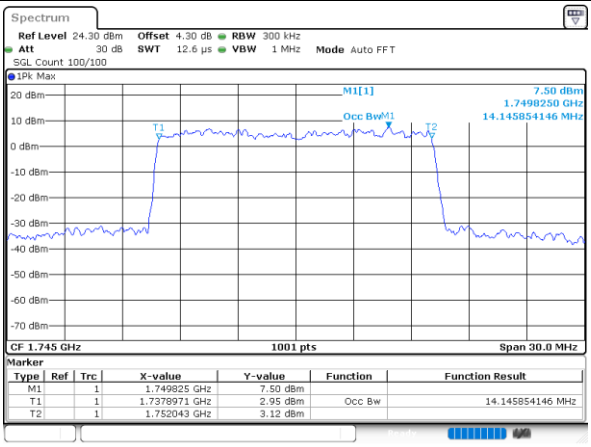
Middle Channel



256QAM

Middle Channel

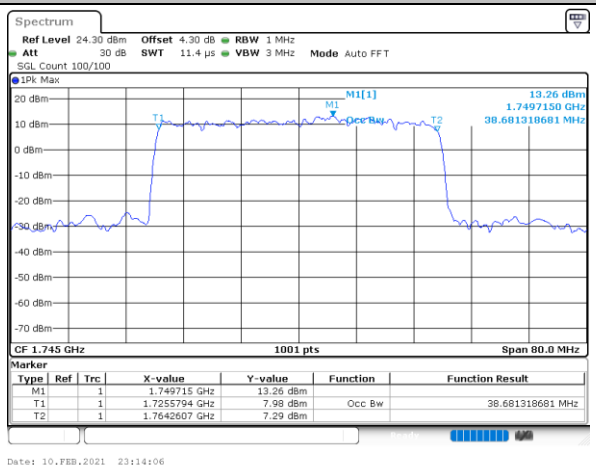


FR1 n66 / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n66 / 20MHz / CP-OFDM

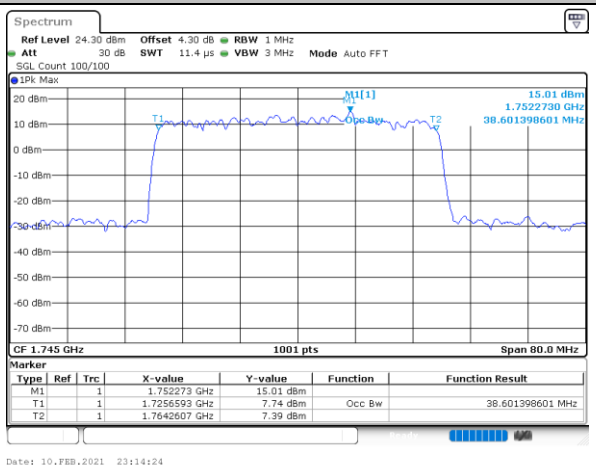
QPSK

Middle Channel



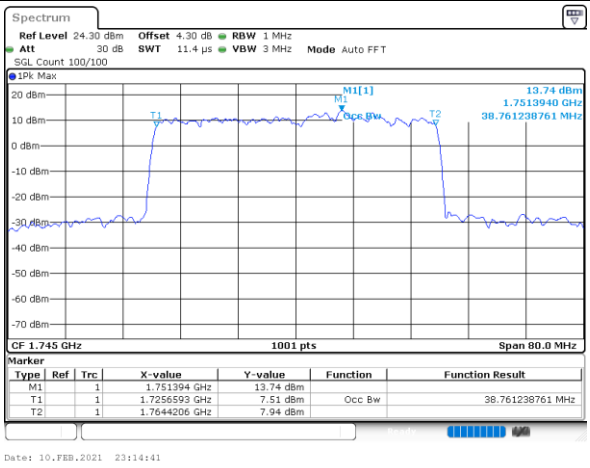
16QAM

Middle Channel



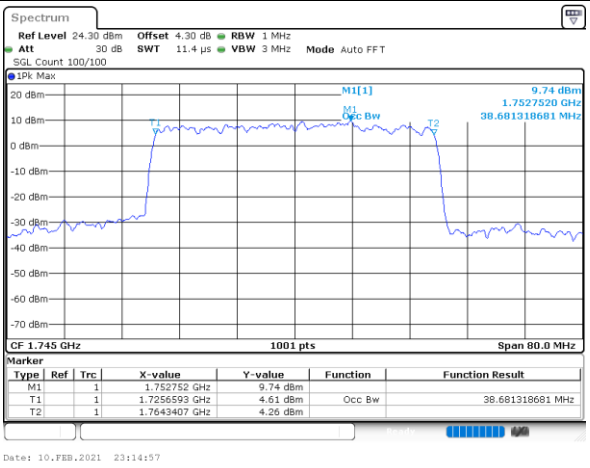
64QAM

Middle Channel



256QAM

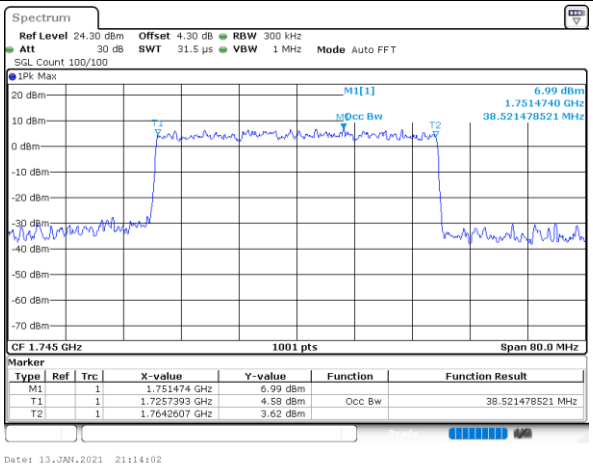
Middle Channel



FR1 n66 / 40MHz / CP-OFDM

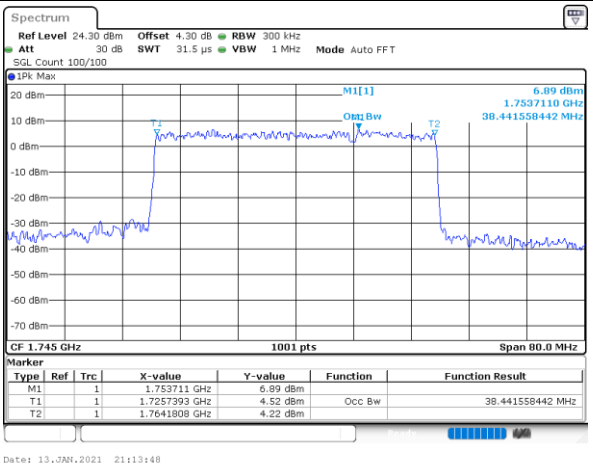
QPSK

Middle Channel



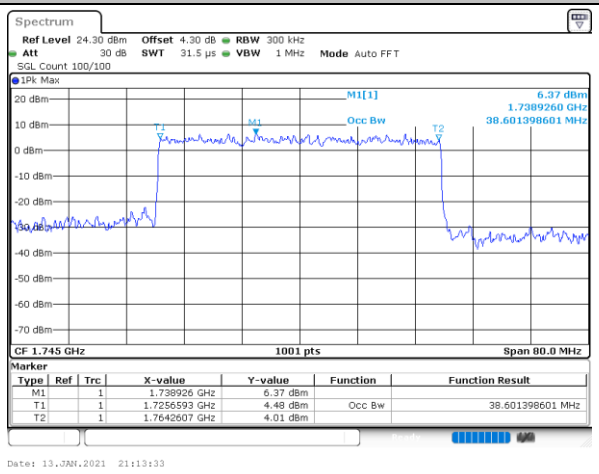
16QAM

Middle Channel



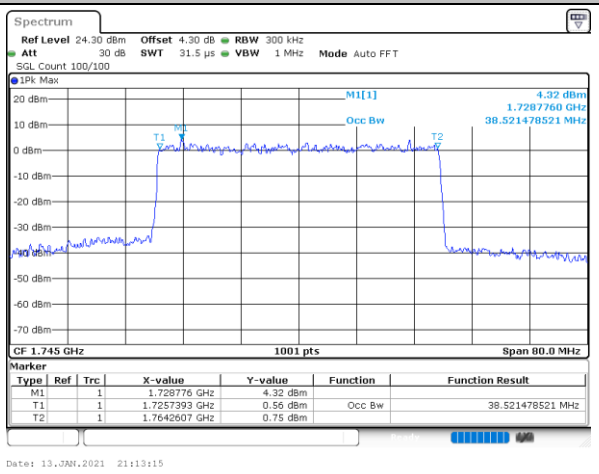
64QAM

Middle Channel

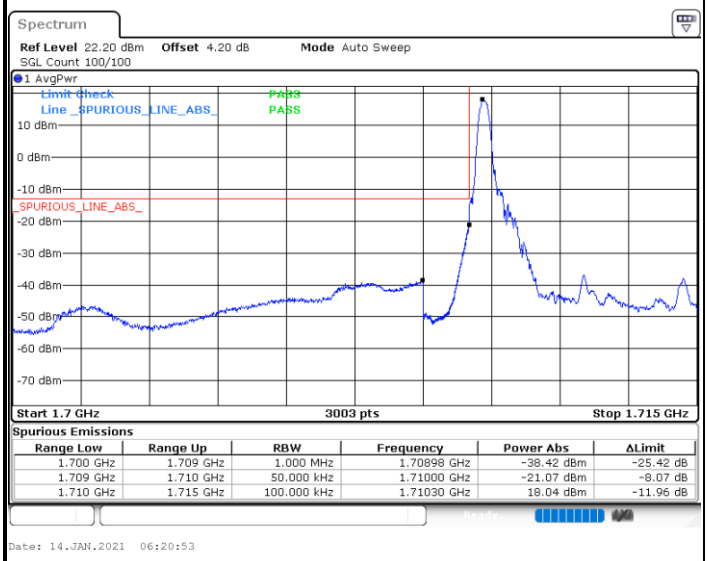
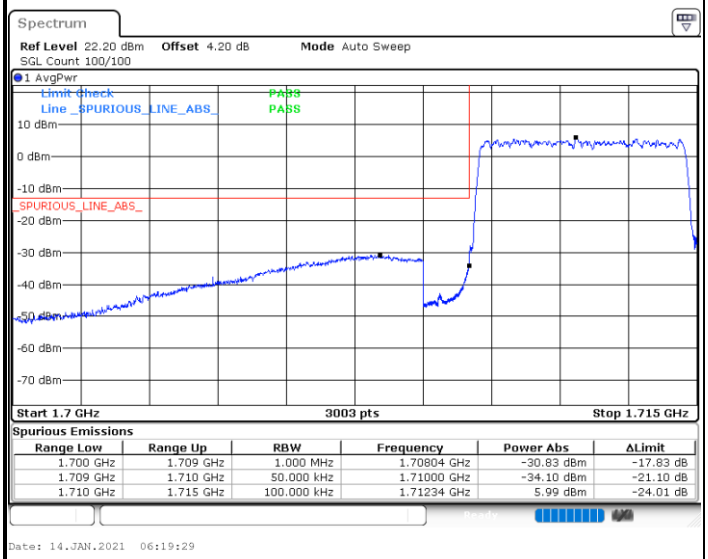


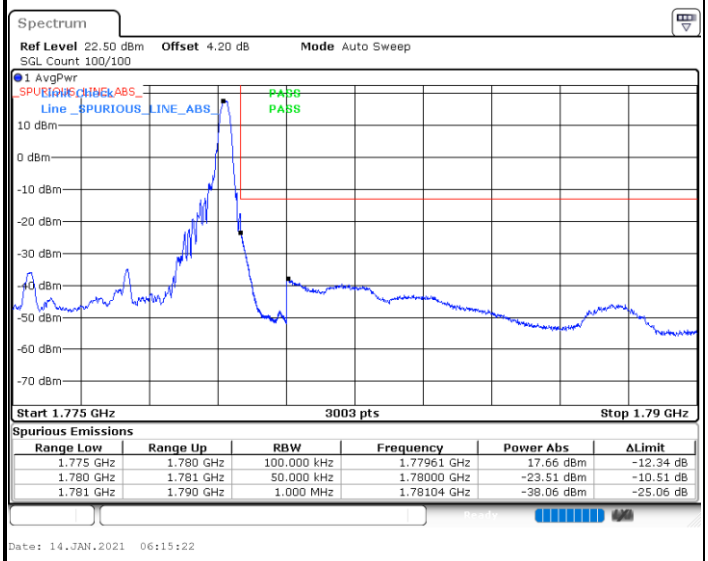
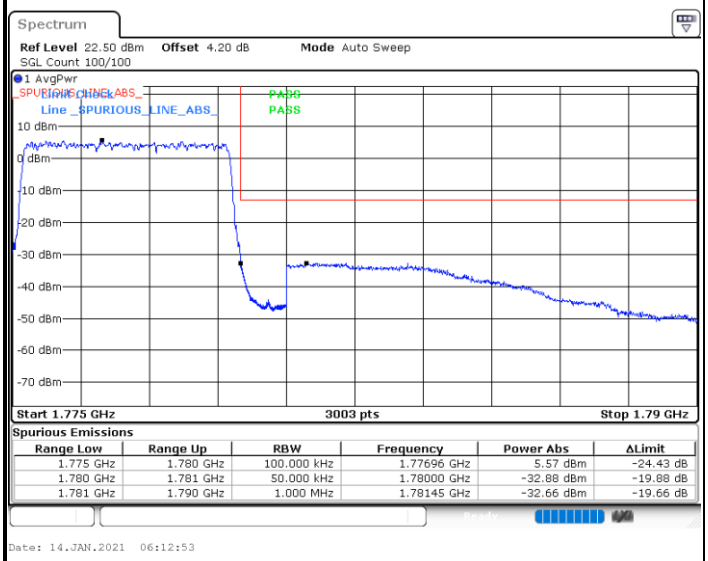
256QAM

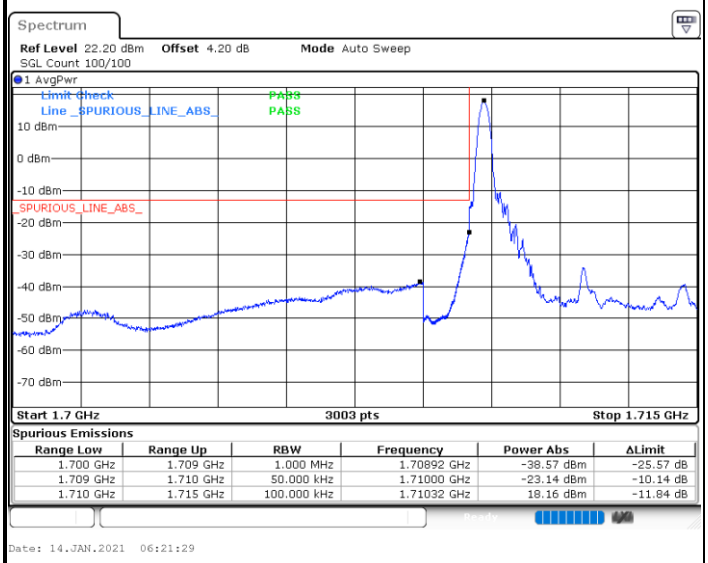
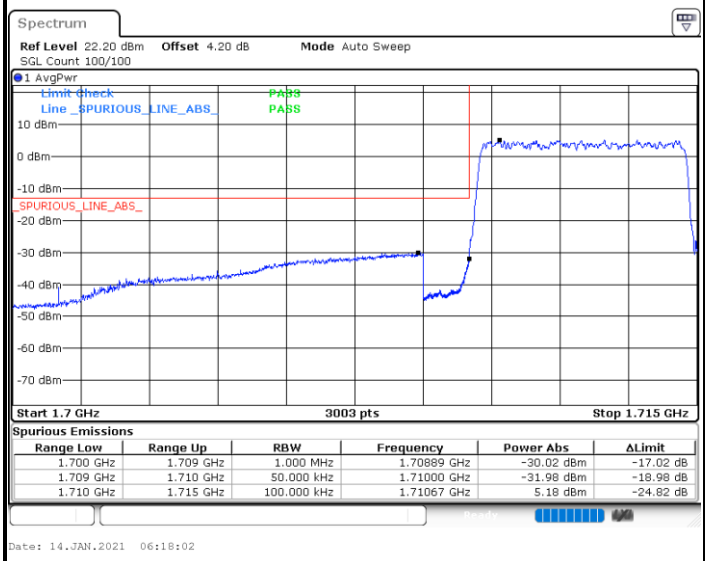
Middle Channel

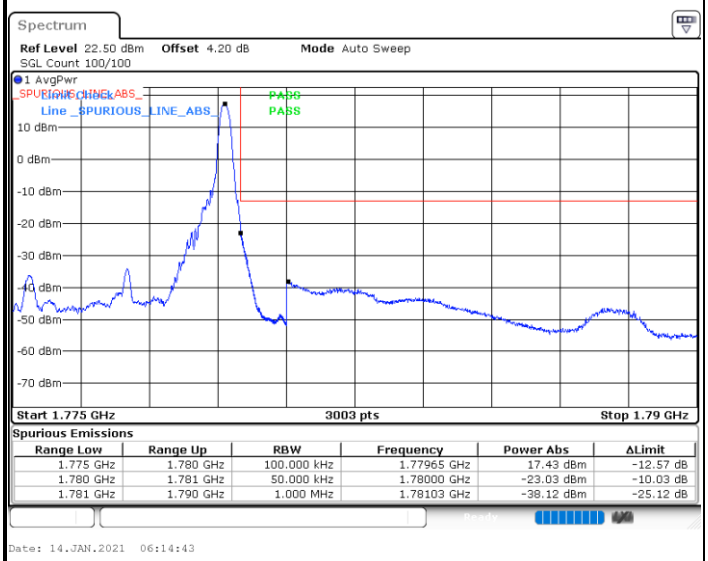
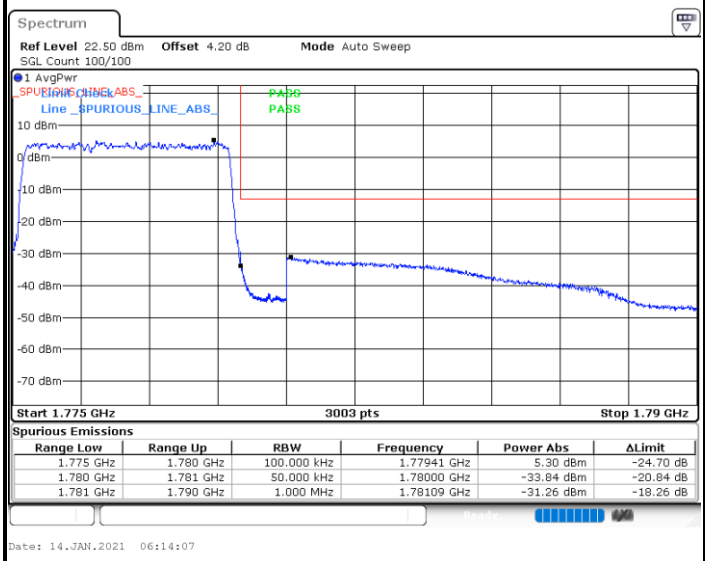


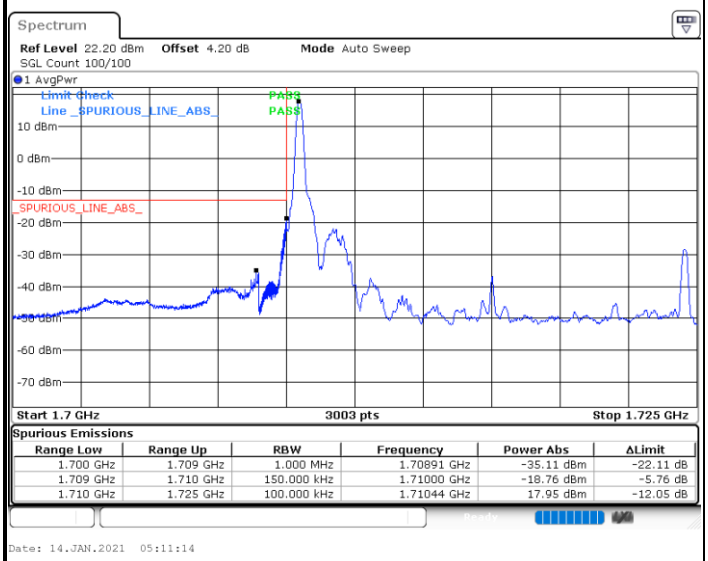
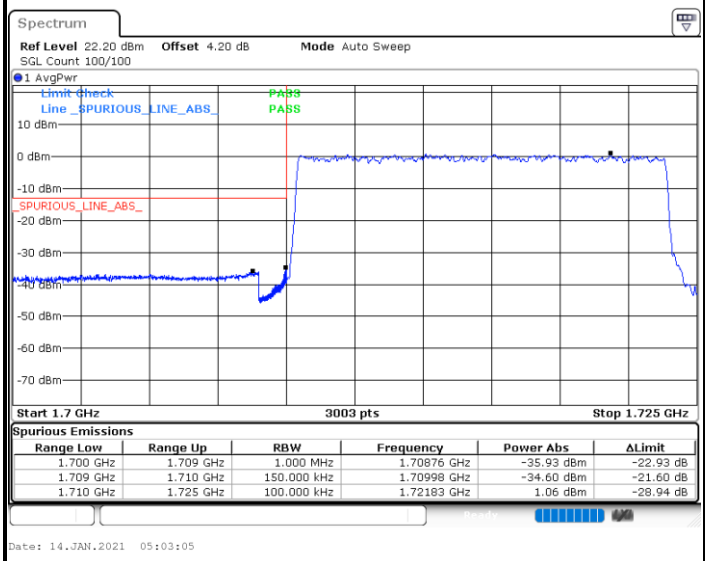
Conducted Band Edge

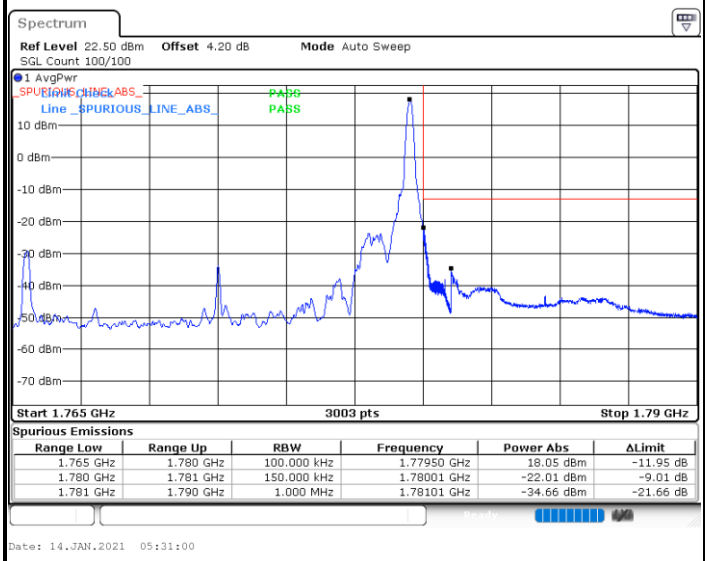
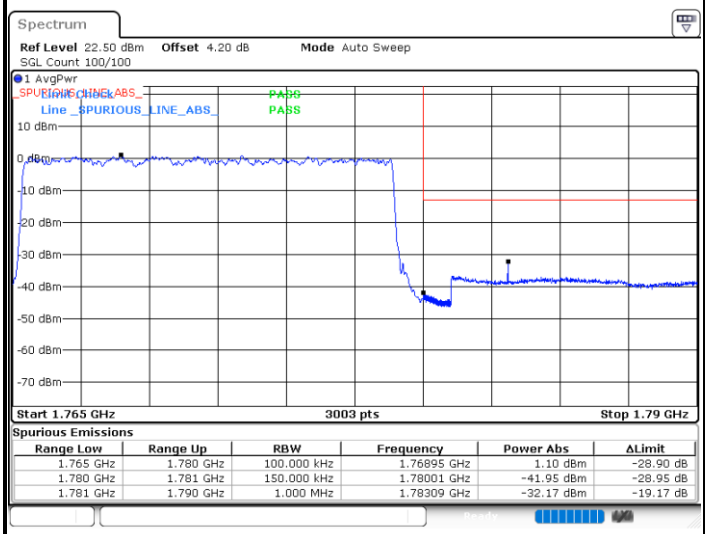
FR1 n66 / 5MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

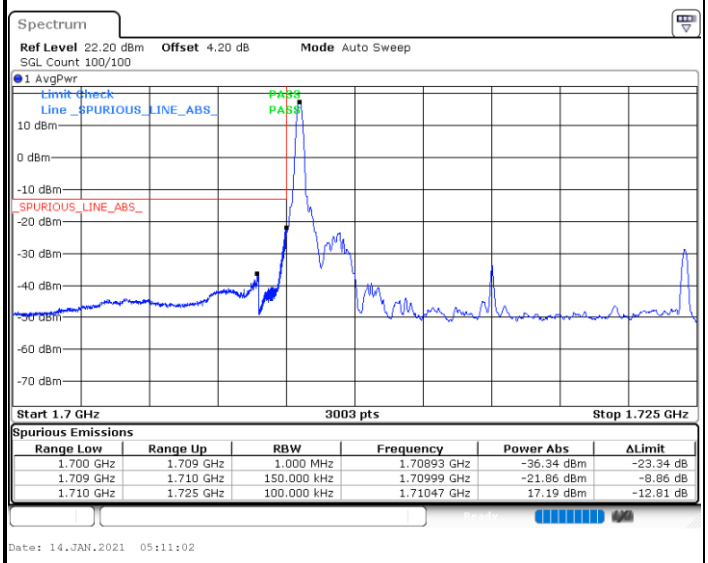
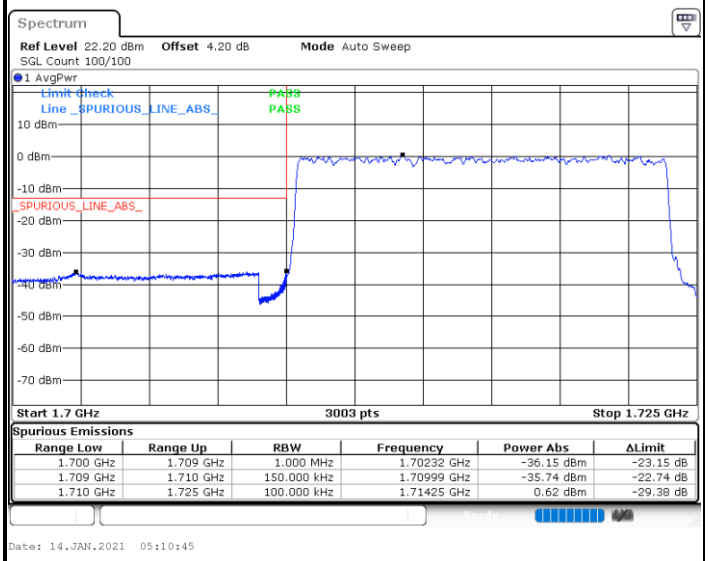
FR1 n66 / 5MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

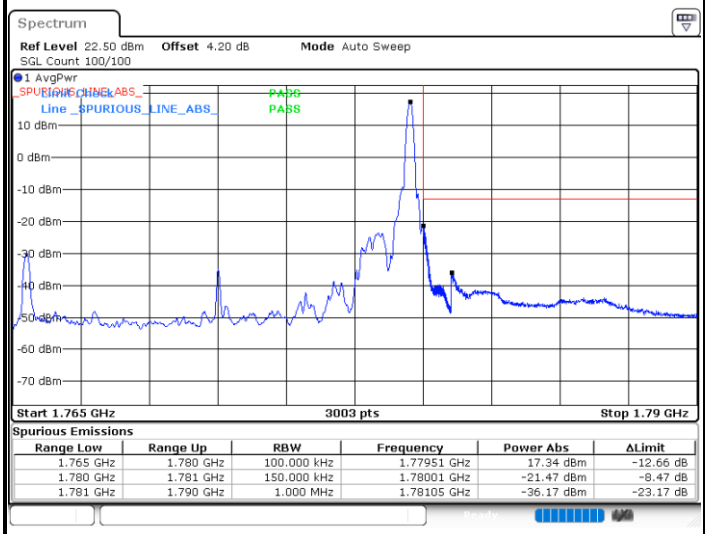
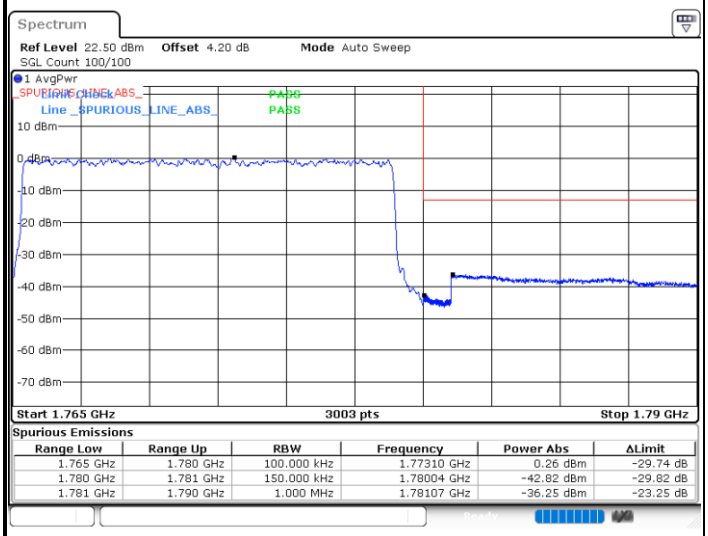
FR1 n66 / 5MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.700 GHz / 1.709 GHz / 1.000 MHz / 1.70892 GHz / -38.57 dBm / -25.57 dB 1.709 GHz / 1.710 GHz / 50.000 kHz / 1.71000 GHz / -23.14 dBm / -10.14 dB 1.710 GHz / 1.715 GHz / 100.000 kHz / 1.71032 GHz / 18.16 dBm / -11.84 dB Date: 14.JAN.2021 06:21:29	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.700 GHz / 1.709 GHz / 1.000 MHz / 1.70889 GHz / -30.02 dBm / -17.02 dB 1.709 GHz / 1.710 GHz / 50.000 kHz / 1.71000 GHz / -31.98 dBm / -18.98 dB 1.710 GHz / 1.715 GHz / 100.000 kHz / 1.71067 GHz / 5.18 dBm / -24.82 dB Date: 14.JAN.2021 06:18:02	/

FR1 n66 / 5MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n66 / 15MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

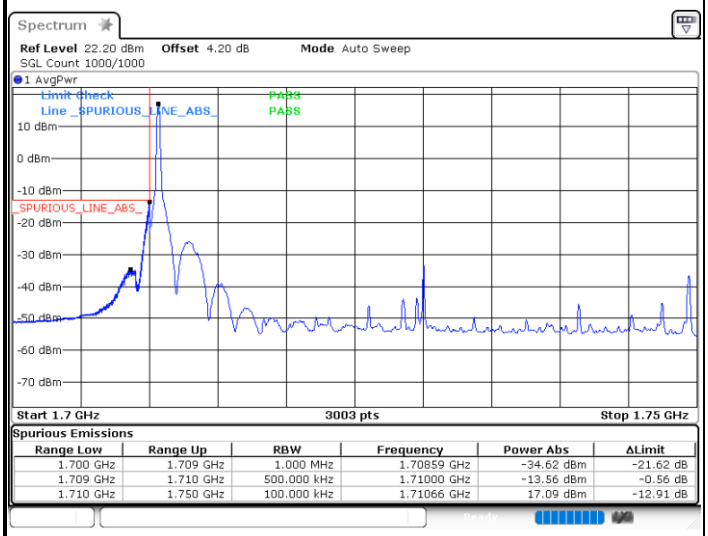
FR1 n66 / 15MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.765 GHz / 1.780 GHz / 100.000 kHz / 1.77950 GHz / 18.05 dBm / -11.95 dB 1.780 GHz / 1.781 GHz / 150.000 kHz / 1.78001 GHz / -22.01 dBm / -9.01 dB 1.781 GHz / 1.790 GHz / 1.000 MHz / 1.78101 GHz / -34.66 dBm / -21.66 dB Date: 14.JAN.2021 05:31:00	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.765 GHz / 1.780 GHz / 100.000 kHz / 1.76895 GHz / 1.10 dBm / -28.90 dB 1.780 GHz / 1.781 GHz / 150.000 kHz / 1.78001 GHz / -41.95 dBm / -28.95 dB 1.781 GHz / 1.790 GHz / 1.000 MHz / 1.78309 GHz / -32.17 dBm / -19.17 dB Date: 14.JAN.2021 05:30:17	/

FR1 n66 / 15MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n66 / 15MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.765 GHz / 1.780 GHz / 100.000 kHz / 1.77951 GHz / 17.34 dBm / -12.66 dB 1.780 GHz / 1.781 GHz / 150.000 kHz / 1.78001 GHz / -21.47 dBm / -8.47 dB 1.781 GHz / 1.790 GHz / 1.000 MHz / 1.78105 GHz / -36.17 dBm / -23.17 dB Date: 14.JAN.2021 05:31:26	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.765 GHz / 1.780 GHz / 100.000 kHz / 1.77310 GHz / 0.26 dBm / -29.74 dB 1.780 GHz / 1.781 GHz / 150.000 kHz / 1.78004 GHz / -42.82 dBm / -29.82 dB 1.781 GHz / 1.790 GHz / 1.000 MHz / 1.78107 GHz / -36.25 dBm / -23.25 dB Date: 14.JAN.2021 05:29:47	/

FR1 n66 / 40MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

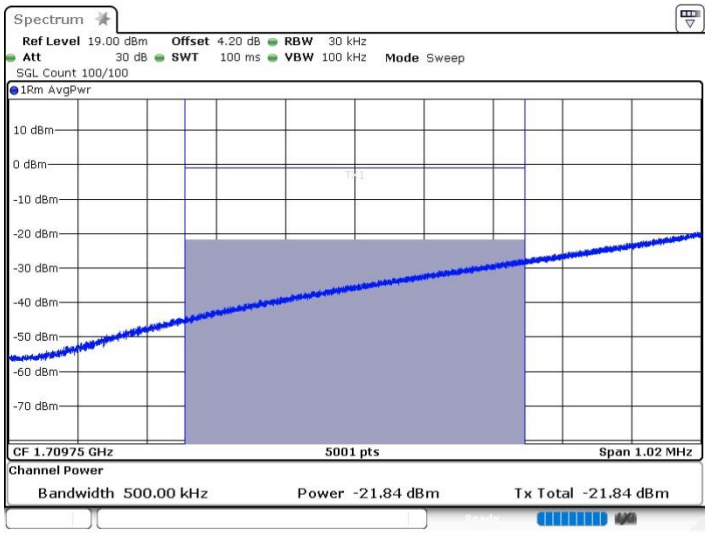


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70859 GHz	-34.62 dBm	-21.62 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.71000 GHz	-13.56 dBm	-0.56 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.71066 GHz	17.09 dBm	-12.91 dB

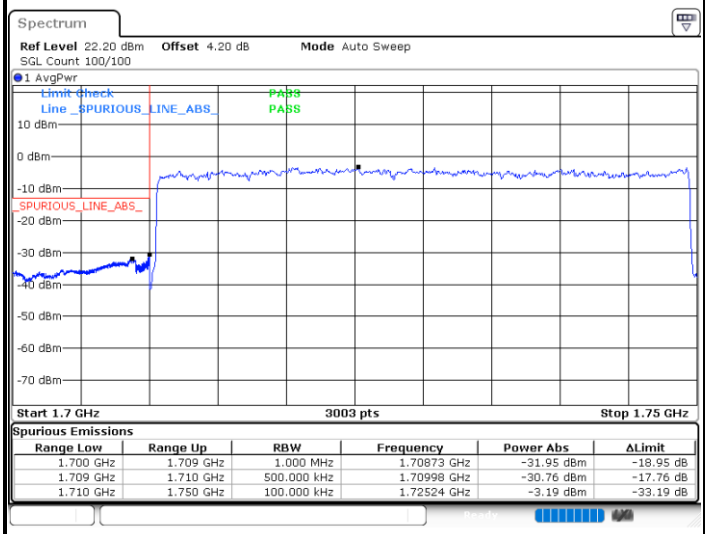
Date: 14.JAN.2021 04:17:54

Channel Power < -13dBm Pass



Date: 14.JAN.2021 04:20:56

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70873 GHz	-31.95 dBm	-18.95 dB
1.709 GHz	1.710 GHz	500.000 kHz	1.70998 GHz	-30.76 dBm	-17.76 dB
1.710 GHz	1.750 GHz	100.000 kHz	1.72524 GHz	-3.19 dBm	-33.19 dB

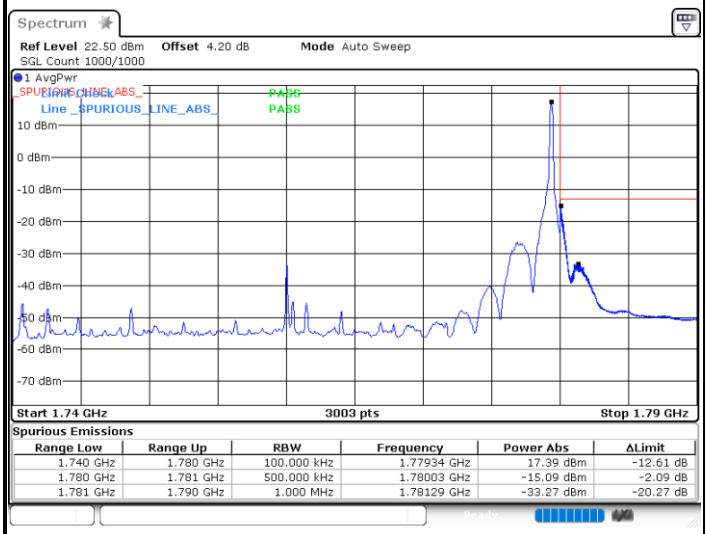
Date: 14.JAN.2021 04:21:23

Channel Power < -13dBm Pass

/

FR1 n66 / 40MHz / DFT-S OFDM BPSK

Highest Band Edge / 1 RB

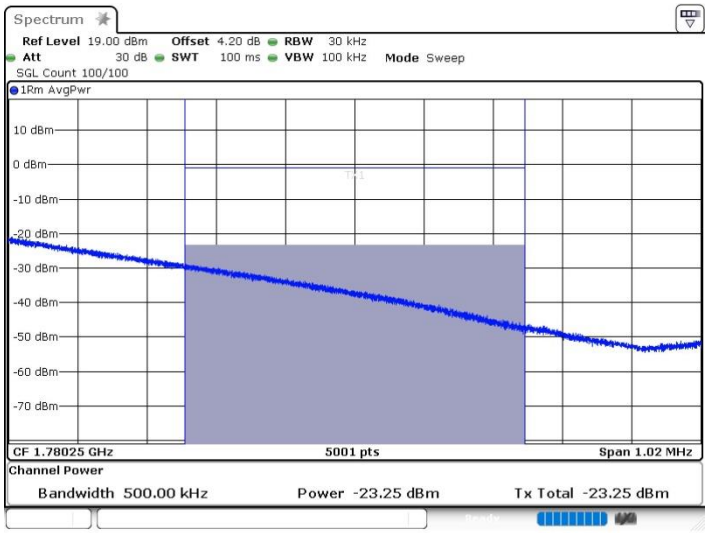


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	17.39 dBm	-12.61 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78003 GHz	-15.09 dBm	-2.09 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78129 GHz	-33.27 dBm	-20.27 dB

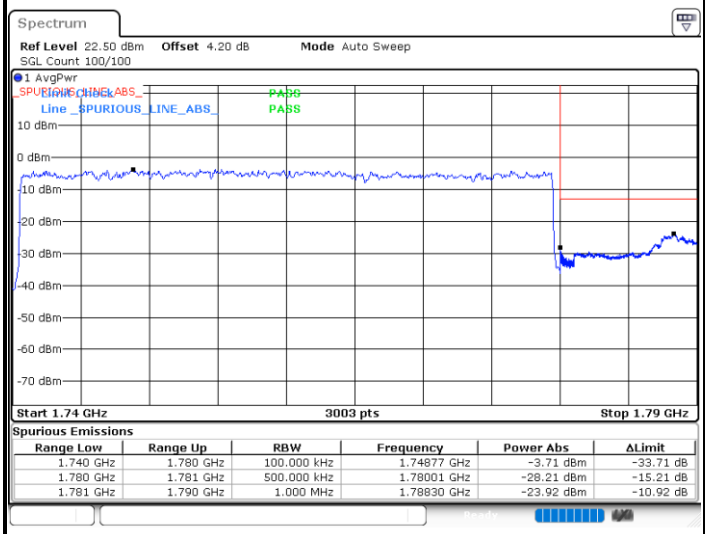
Date: 14.JAN.2021 04:03:56

Channel Power < -13dBm Pass



Date: 14.JAN.2021 04:09:01

Highest Band Edge / Full RB



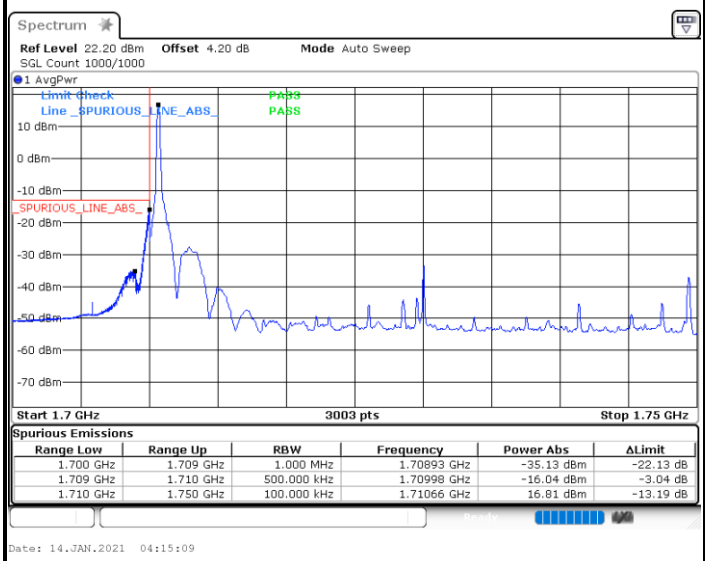
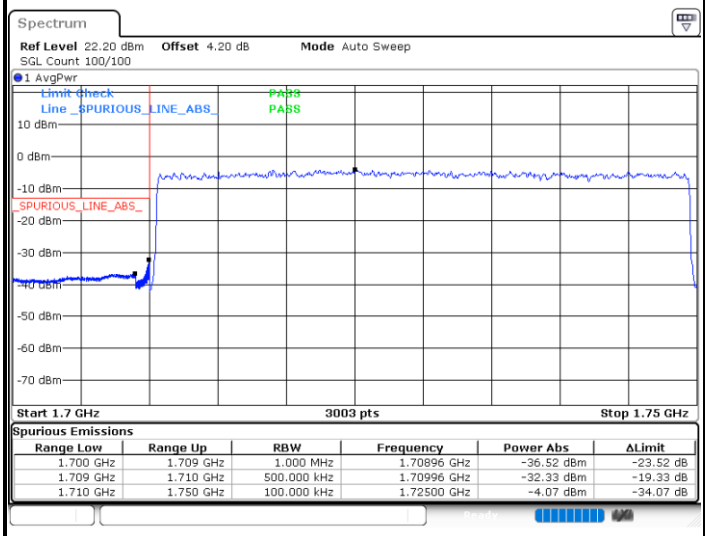
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.74877 GHz	-3.71 dBm	-33.71 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78001 GHz	-28.21 dBm	-15.21 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78830 GHz	-23.92 dBm	-10.92 dB

Date: 14.JAN.2021 04:02:05

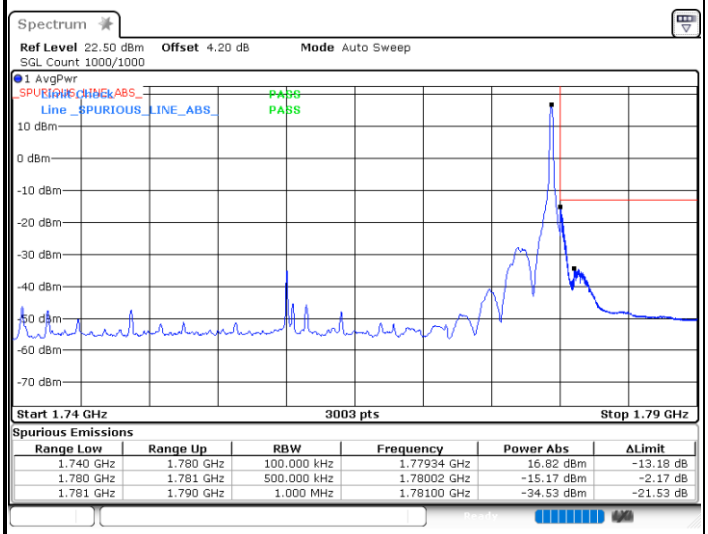
Channel Power < -13dBm Pass

/

FR1 n66 / 40MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.700 GHz / 1.709 GHz / 1.000 MHz / 1.70893 GHz / -35.13 dBm / -22.13 dB 1.709 GHz / 1.710 GHz / 500.000 kHz / 1.70998 GHz / -16.04 dBm / -3.04 dB 1.710 GHz / 1.750 GHz / 100.000 kHz / 1.71066 GHz / 16.81 dBm / -13.19 dB Date: 14.JAN.2021 04:15:09	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 1.700 GHz / 1.709 GHz / 1.000 MHz / 1.70896 GHz / -36.52 dBm / -23.52 dB 1.709 GHz / 1.710 GHz / 500.000 kHz / 1.70996 GHz / -32.33 dBm / -19.33 dB 1.710 GHz / 1.750 GHz / 100.000 kHz / 1.72500 GHz / -4.07 dBm / -34.07 dB Date: 14.JAN.2021 04:21:35	/

FR1 n66 / 40MHz / DFT-S OFDM QPSK

Highest Band Edge / 1 RB

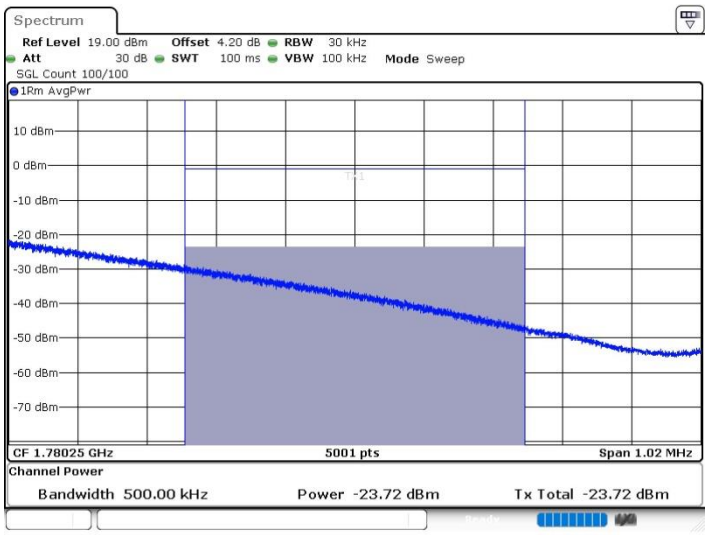


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.77934 GHz	16.82 dBm	-13.18 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78002 GHz	-15.17 dBm	-2.17 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-34.53 dBm	-21.53 dB

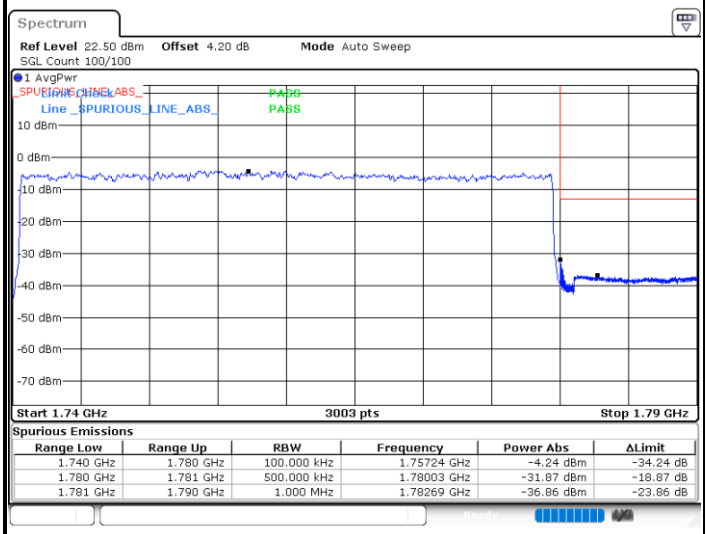
Date: 14.JAN.2021 04:11:45

Channel Power < -13dBm Pass



Date: 14.JAN.2021 04:09:35

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.740 GHz	1.780 GHz	100.000 kHz	1.75724 GHz	-4.24 dBm	-34.24 dB
1.780 GHz	1.781 GHz	500.000 kHz	1.78003 GHz	-31.87 dBm	-18.87 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78269 GHz	-36.86 dBm	-23.86 dB

Date: 14.JAN.2021 04:01:51

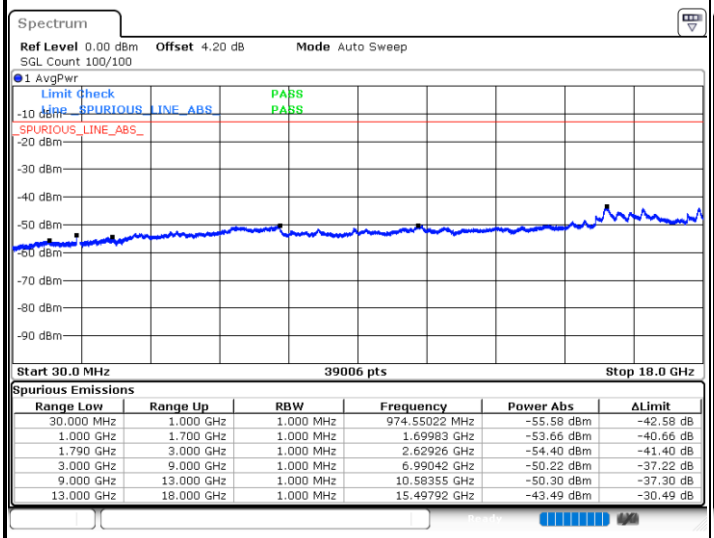
Channel Power < -13dBm Pass

/

Conducted Spurious Emission

FR1 n66 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

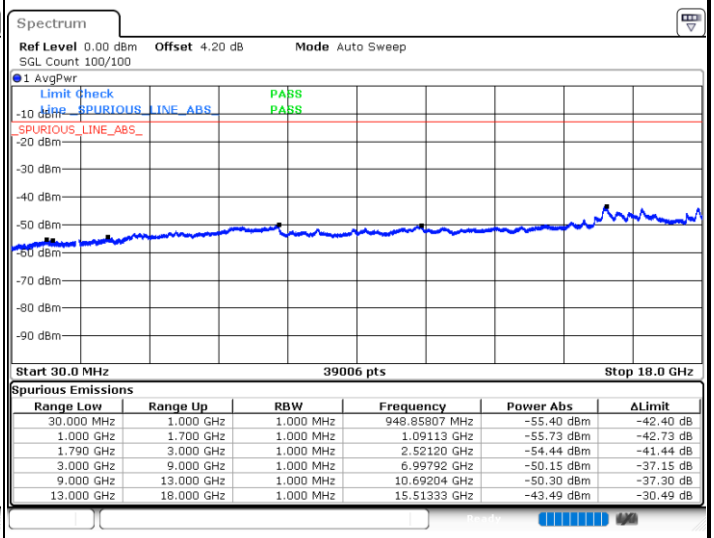


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.55022 MHz	-55.58 dBm	-42.58 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-53.66 dBm	-40.66 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.62926 GHz	-54.40 dBm	-41.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99042 GHz	-50.22 dBm	-37.22 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.58355 GHz	-50.30 dBm	-37.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.49792 GHz	-43.49 dBm	-30.49 dB

Date: 14.JAN.2021 06:03:16

Middle Channel / 1RB

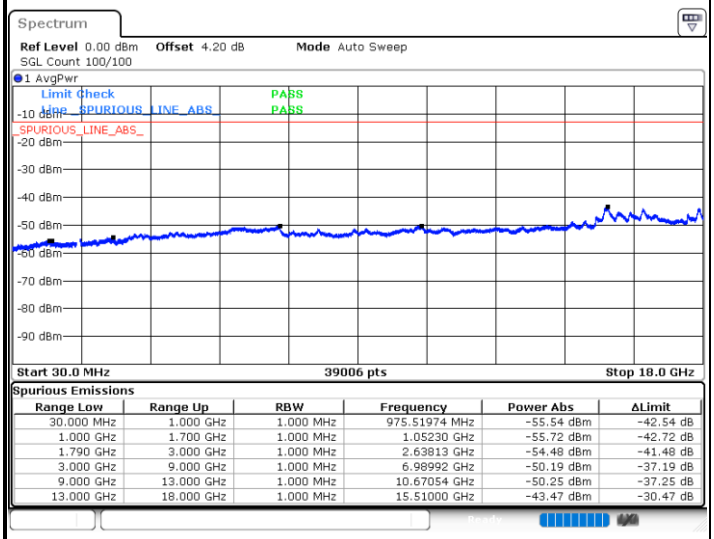


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	948.85807 MHz	-55.40 dBm	-42.40 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.09113 GHz	-55.73 dBm	-42.73 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.52120 GHz	-54.44 dBm	-41.44 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99792 GHz	-50.15 dBm	-37.15 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.69204 GHz	-50.30 dBm	-37.30 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.51333 GHz	-43.49 dBm	-30.49 dB

Date: 14.JAN.2021 06:04:59

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	975.51974 MHz	-55.54 dBm	-42.54 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.05230 GHz	-55.72 dBm	-42.72 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.63813 GHz	-54.48 dBm	-41.48 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-50.19 dBm	-37.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.67054 GHz	-50.25 dBm	-37.25 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.51000 GHz	-43.47 dBm	-30.47 dB

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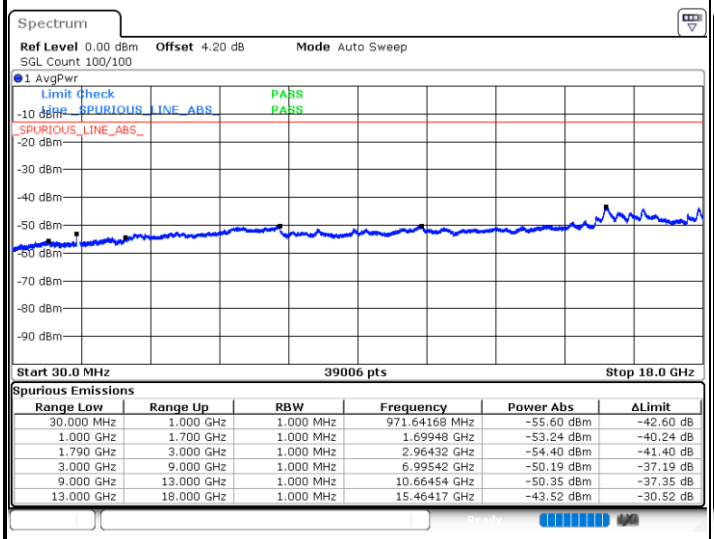
FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.64168 MHz	-55.60 dBm	-42.60 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69948 GHz	-53.24 dBm	-40.24 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96432 GHz	-54.40 dBm	-41.40 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-50.19 dBm	-37.19 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.66454 GHz	-50.35 dBm	-37.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.46417 GHz	-43.52 dBm	-30.52 dB

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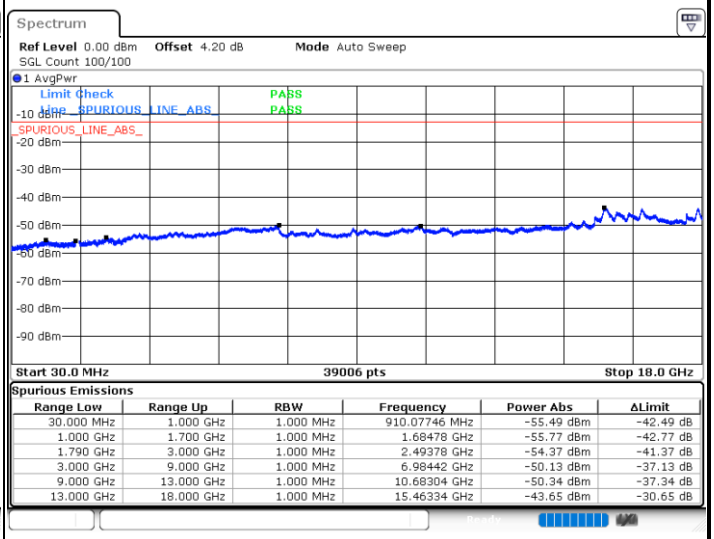
Middle Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	910.07746 MHz	-55.49 dBm	-42.49 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.68478 GHz	-55.77 dBm	-42.77 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.49378 GHz	-54.37 dBm	-41.37 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98442 GHz	-50.13 dBm	-37.13 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.68304 GHz	-50.34 dBm	-37.34 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.46334 GHz	-43.65 dBm	-30.65 dB

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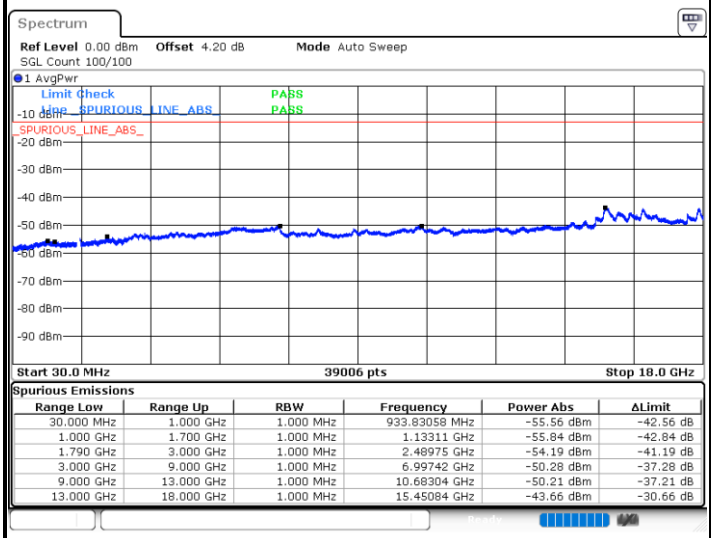
Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-55.56 dBm	-42.56 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.13311 GHz	-55.84 dBm	-42.84 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.48975 GHz	-54.19 dBm	-41.19 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99742 GHz	-50.28 dBm	-37.28 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.68304 GHz	-50.21 dBm	-37.21 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.45084 GHz	-43.66 dBm	-30.66 dB

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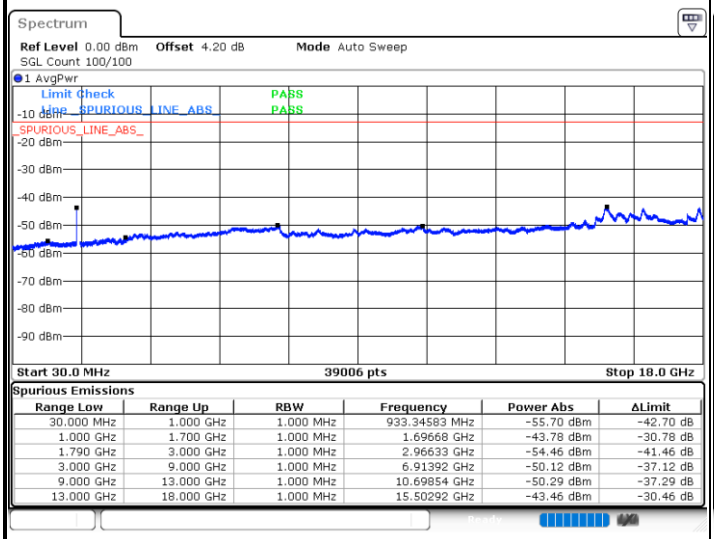
FR1 n66 / 15MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.34583 MHz	-55.70 dBm	-42.70 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69668 GHz	-43.78 dBm	-30.78 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.96633 GHz	-54.46 dBm	-41.46 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91392 GHz	-50.12 dBm	-37.12 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.69854 GHz	-50.29 dBm	-37.29 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.50292 GHz	-43.46 dBm	-30.46 dB

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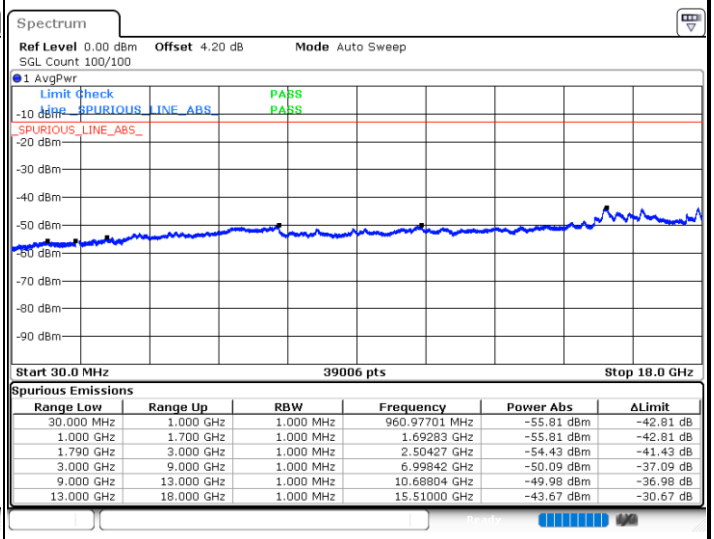
Middle Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-55.81 dBm	-42.81 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69283 GHz	-55.81 dBm	-42.81 dB
1.790 GHz	3.000 GHz	1.000 MHz	2.50427 GHz	-54.43 dBm	-41.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99842 GHz	-50.09 dBm	-37.09 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.68804 GHz	-49.98 dBm	-36.98 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.51000 GHz	-43.67 dBm	-30.67 dB

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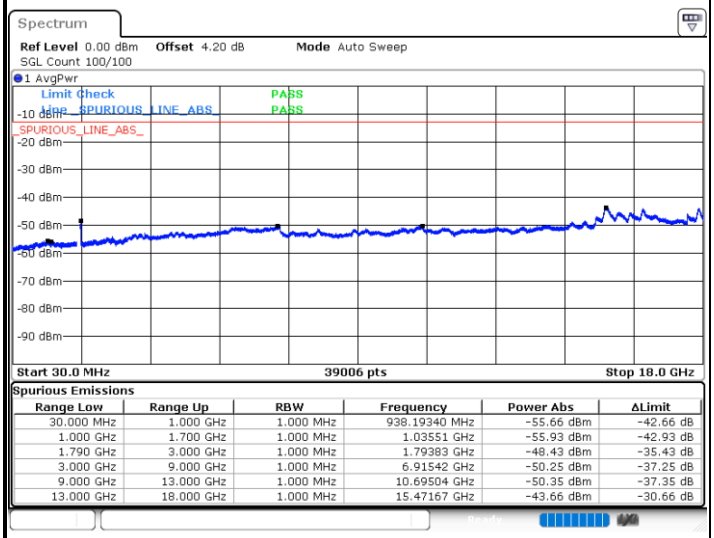
Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.19340 MHz	-55.66 dBm	-42.66 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.03551 GHz	-55.93 dBm	-42.93 dB
1.790 GHz	3.000 GHz	1.000 MHz	1.79383 GHz	-48.43 dBm	-35.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.91542 GHz	-50.25 dBm	-37.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.69504 GHz	-50.35 dBm	-37.35 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.47167 GHz	-43.66 dBm	-30.66 dB

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