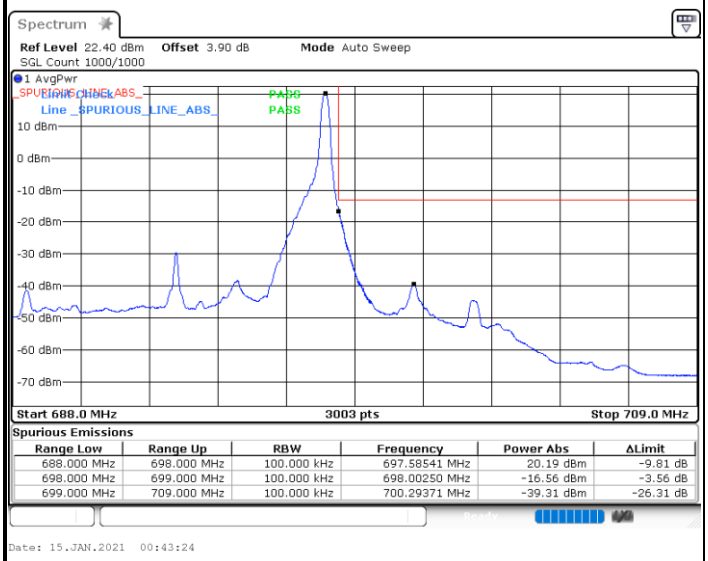
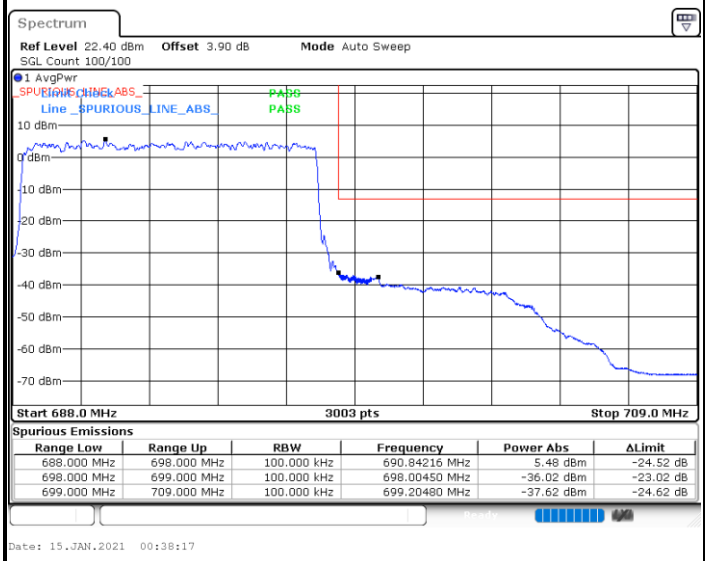
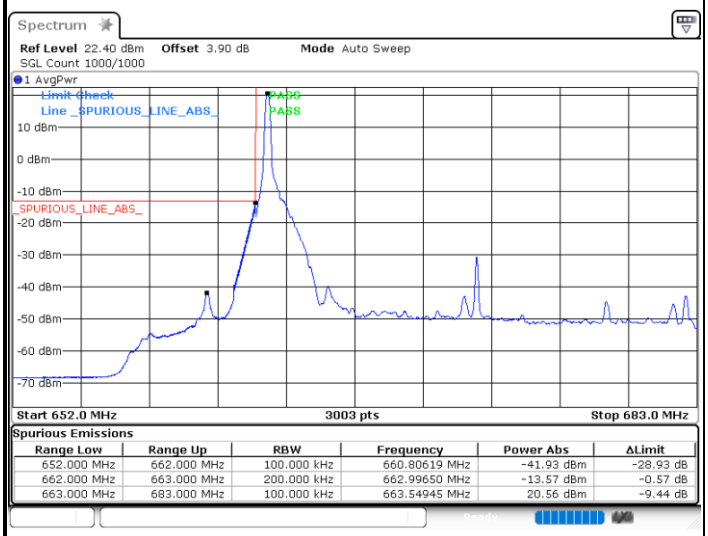
FR1 n71 / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 697.58541 MHz / 20.19 dBm / -9.81 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.00250 MHz / -16.56 dBm / -3.56 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 700.29371 MHz / -39.31 dBm / -26.31 dB Date: 15.JAN.2021 00:43:24	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 690.84216 MHz / 5.48 dBm / -24.52 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.00450 MHz / -36.02 dBm / -23.02 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 699.20480 MHz / -37.62 dBm / -24.62 dB Date: 15.JAN.2021 00:38:17	/

FR1 n71 / 20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

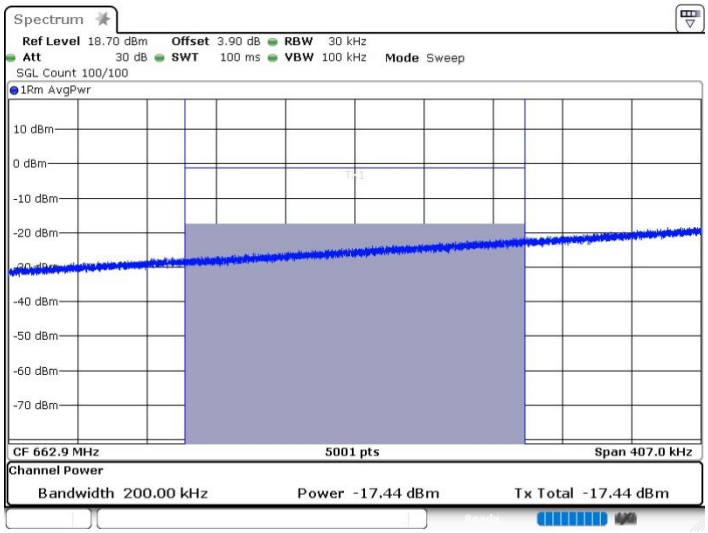


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.80619 MHz	-41.93 dBm	-28.93 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99650 MHz	-13.57 dBm	-0.57 dB
663.000 MHz	683.000 MHz	100.000 kHz	663.54945 MHz	20.56 dBm	-9.44 dB

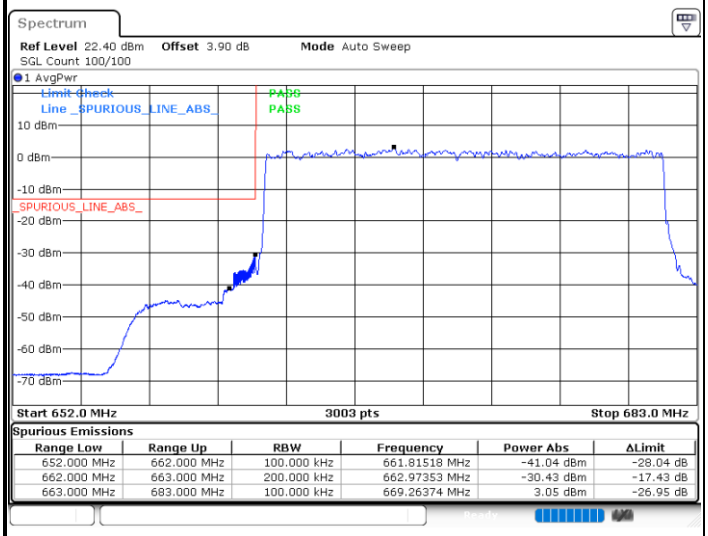
Date: 14.JAN.2021 23:27:46

Channel Power < -13dBm Pass



Date: 14.JAN.2021 23:28:51

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.81518 MHz	-41.04 dBm	-28.04 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97353 MHz	-30.43 dBm	-17.43 dB
663.000 MHz	683.000 MHz	100.000 kHz	669.26374 MHz	3.05 dBm	-26.95 dB

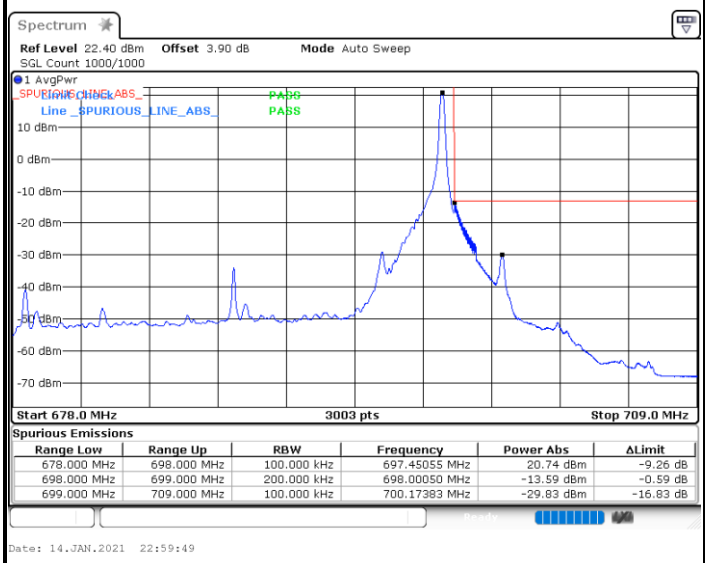
Date: 14.JAN.2021 23:32:01

Channel Power < -13dBm Pass

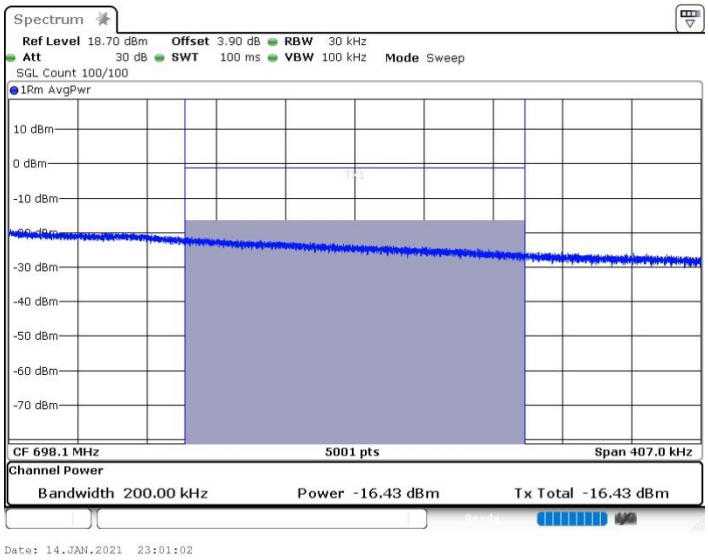
/

FR1 n71 / 20MHz / DFT-S OFDM BPSK

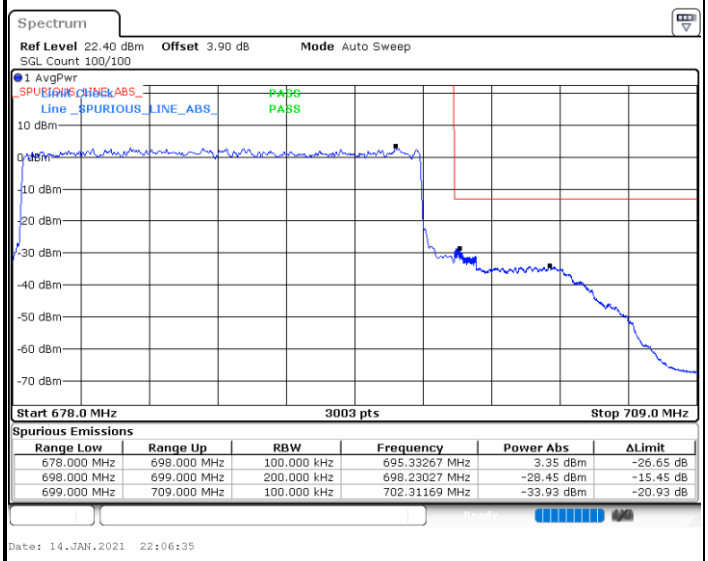
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass

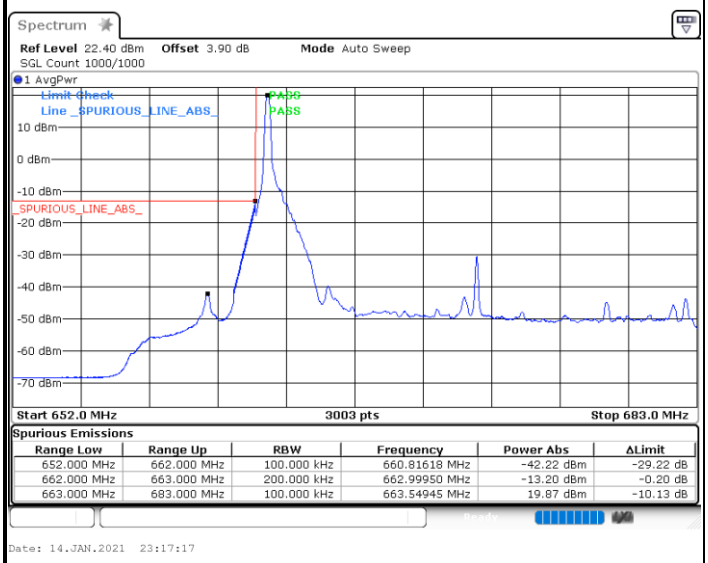
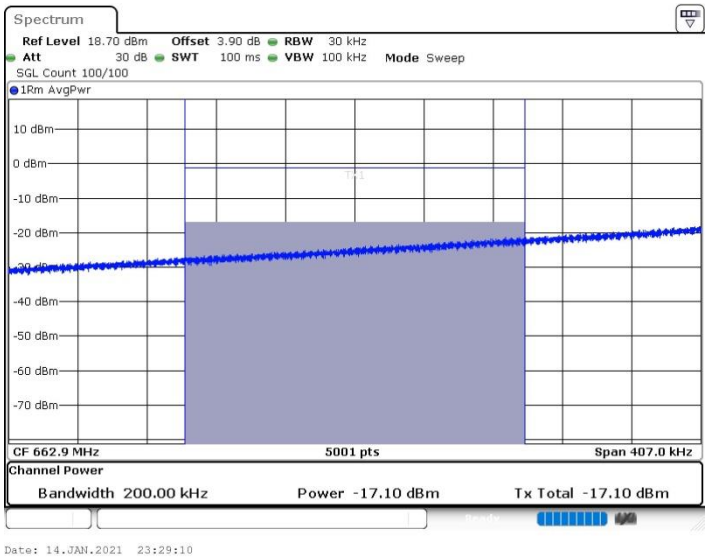
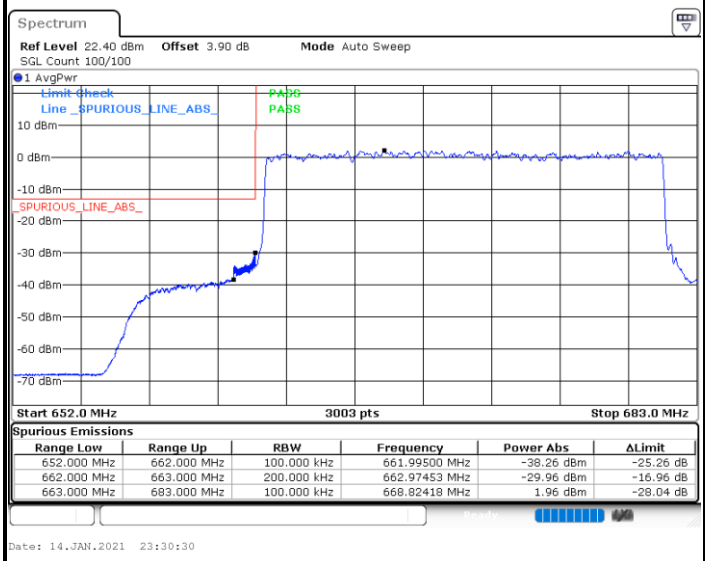


Highest Band Edge / Full RB



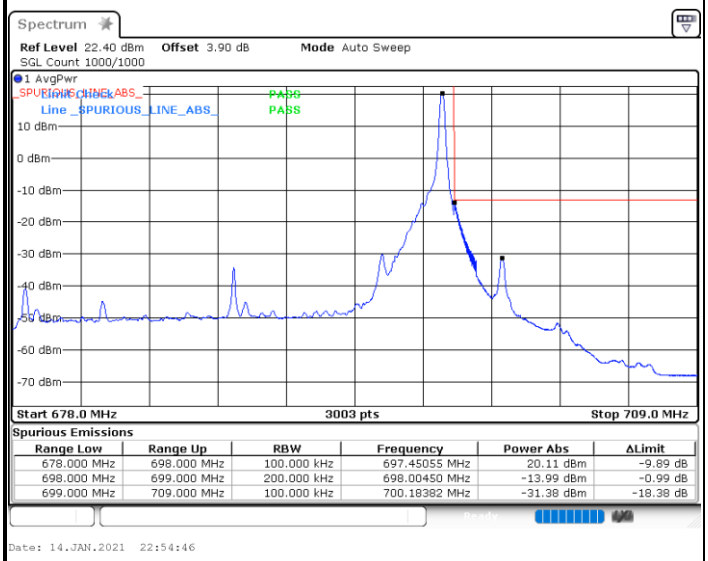
Channel Power < -13dBm Pass

/

FR1 n71 / 20MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n71 / 20MHz / DFT-S OFDM QPSK

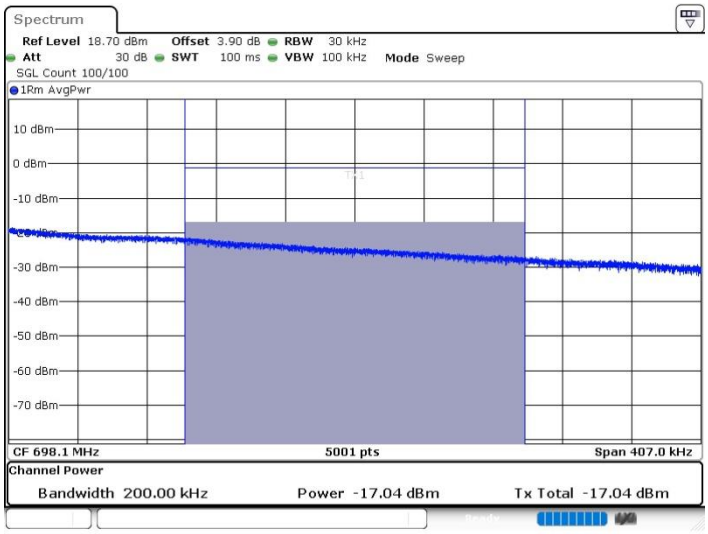
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	697.45055 MHz	20.11 dBm	-9.89 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.00450 MHz	-13.99 dBm	-0.99 dB
699.000 MHz	709.000 MHz	100.000 kHz	700.18382 MHz	-31.38 dBm	-18.38 dB

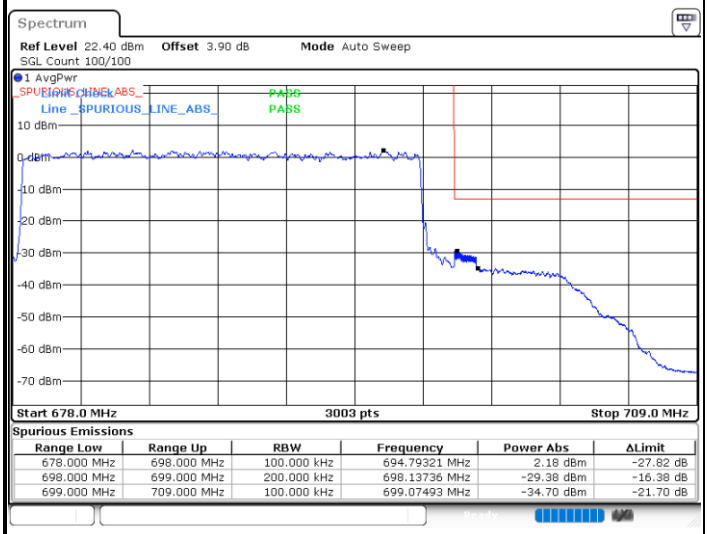
Date: 14.JAN.2021 22:54:46

Channel Power < -13dBm Pass



Date: 14.JAN.2021 23:01:20

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
678.000 MHz	698.000 MHz	100.000 kHz	694.79321 MHz	2.18 dBm	-27.82 dB
698.000 MHz	699.000 MHz	200.000 kHz	698.13736 MHz	-29.38 dBm	-16.38 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.07493 MHz	-34.70 dBm	-21.70 dB

Date: 14.JAN.2021 22:07:18

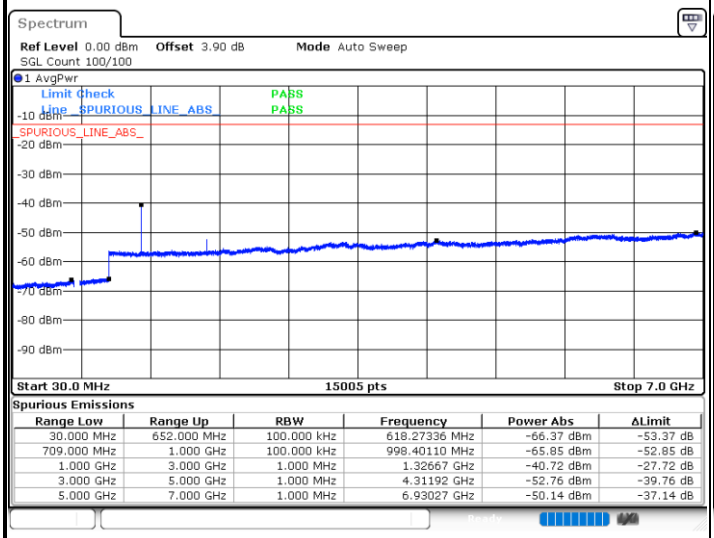
Channel Power < -13dBm Pass

/

Conducted Spurious Emission

FR1 n71 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

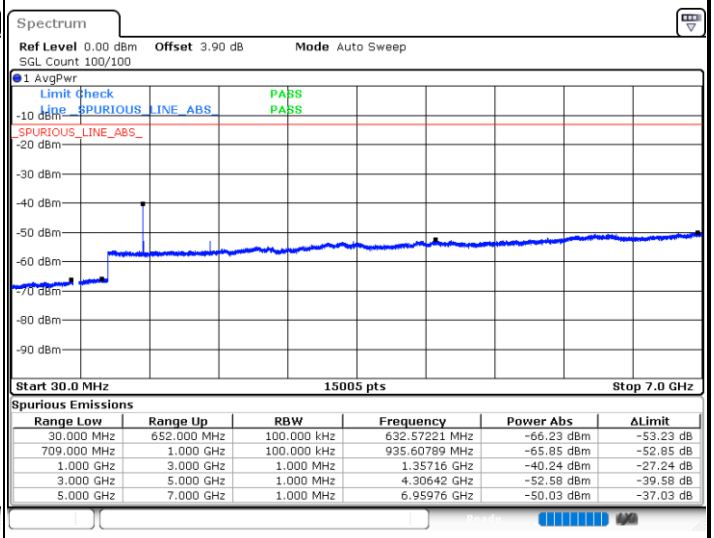


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.27336 MHz	-66.37 dBm	-53.37 dB
709.000 MHz	1.000 GHz	100.000 kHz	998.40110 MHz	-65.85 dBm	-52.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32667 GHz	-40.72 dBm	-27.72 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31192 GHz	-52.76 dBm	-39.76 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93027 GHz	-50.14 dBm	-37.14 dB

Date: 15.JAN.2021 01:03:16

Middle Channel / 1RB

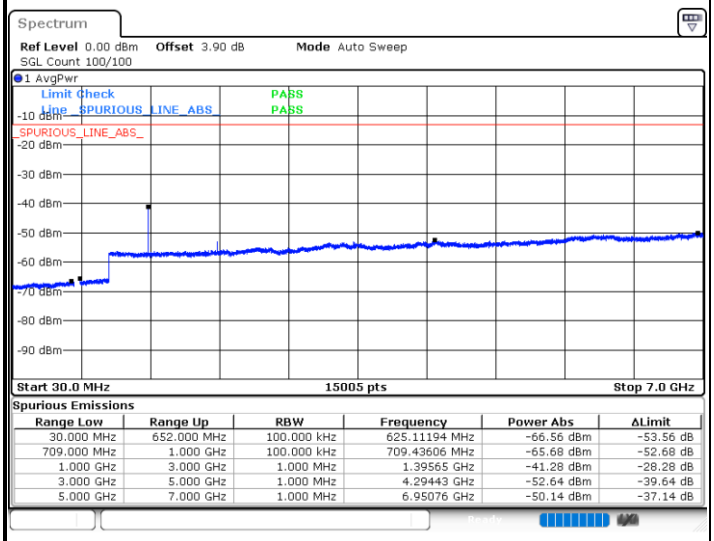


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	632.57221 MHz	-66.23 dBm	-53.23 dB
709.000 MHz	1.000 GHz	100.000 kHz	935.60789 MHz	-65.85 dBm	-52.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-40.24 dBm	-27.24 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30642 GHz	-52.58 dBm	-39.58 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95976 GHz	-50.03 dBm	-37.03 dB

Date: 15.JAN.2021 01:05:41

Highest Channel / 1RB



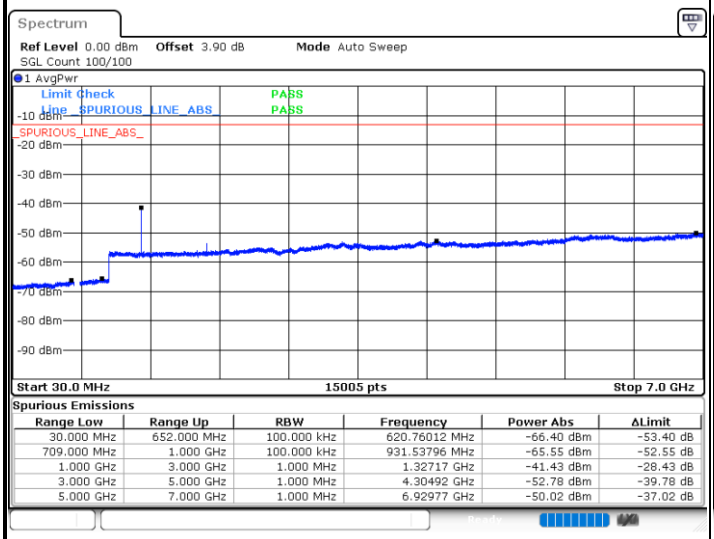
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	625.11194 MHz	-66.56 dBm	-53.56 dB
709.000 MHz	1.000 GHz	100.000 kHz	709.43606 MHz	-65.68 dBm	-52.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39565 GHz	-41.28 dBm	-28.28 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29443 GHz	-52.64 dBm	-39.64 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-50.14 dBm	-37.14 dB

Date: 15.JAN.2021 01:20:28

FR1 n71 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

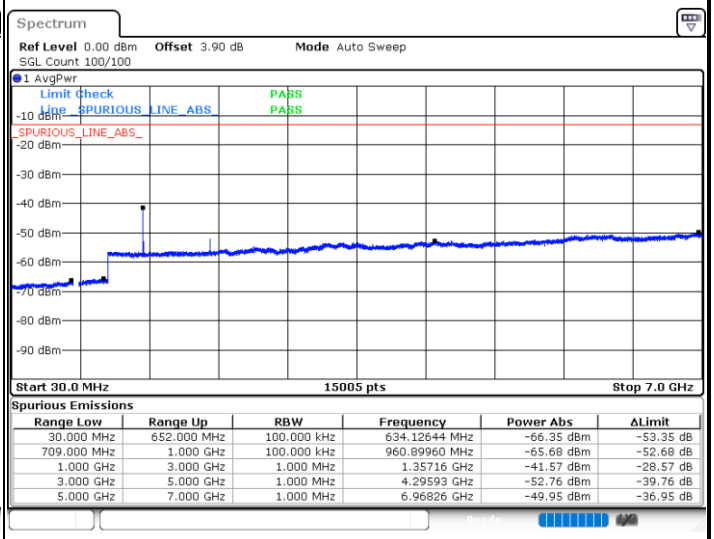


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	620.76012 MHz	-66.40 dBm	-53.40 dB
709.000 MHz	1.000 GHz	100.000 kHz	931.53796 MHz	-65.55 dBm	-52.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-41.43 dBm	-28.43 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30492 GHz	-52.78 dBm	-39.78 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92977 GHz	-50.02 dBm	-37.02 dB

Date: 15.JAN.2021 00:58:41

Middle Channel / 1RB

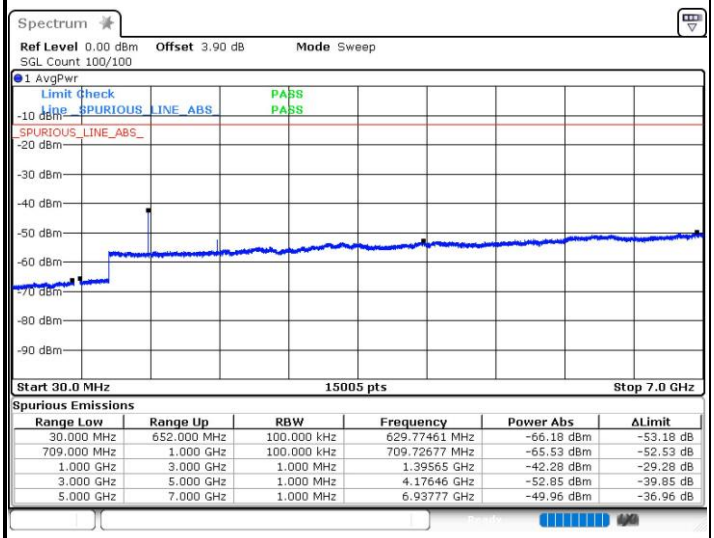


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	634.12644 MHz	-66.35 dBm	-53.35 dB
709.000 MHz	1.000 GHz	100.000 kHz	960.89960 MHz	-65.68 dBm	-52.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-41.57 dBm	-28.57 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29593 GHz	-52.76 dBm	-39.76 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96826 GHz	-49.95 dBm	-36.95 dB

Date: 15.JAN.2021 01:06:33

Highest Channel / 1RB



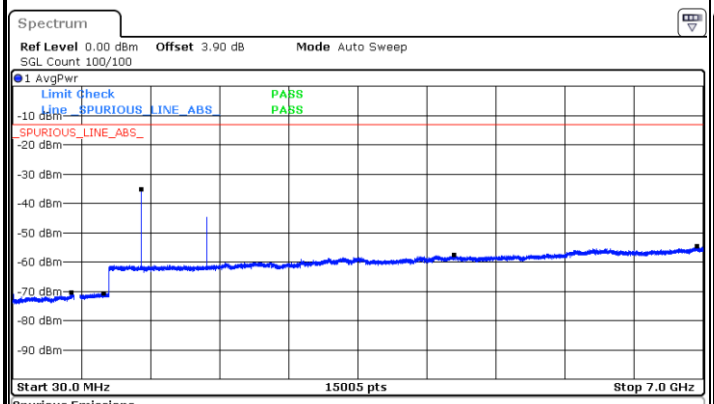
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	629.77461 MHz	-66.18 dBm	-53.18 dB
709.000 MHz	1.000 GHz	100.000 kHz	709.72677 MHz	-65.53 dBm	-52.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39565 GHz	-42.28 dBm	-29.28 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.17646 GHz	-52.85 dBm	-39.85 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93777 GHz	-49.96 dBm	-36.96 dB

Date: 15.JAN.2021 01:21:39

FR1 n71 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

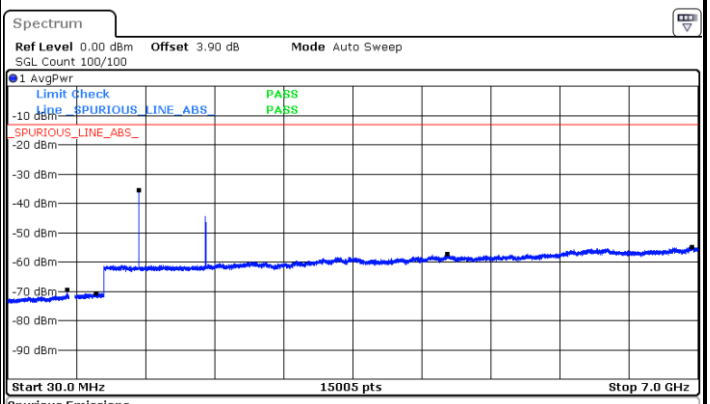


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.27336 MHz	-70.41 dBm	-57.41 dB
709.000 MHz	1.000 GHz	100.000 kHz	945.49201 MHz	-70.67 dBm	-57.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-35.34 dBm	-22.34 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.48788 GHz	-57.76 dBm	-44.76 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93477 GHz	-54.63 dBm	-41.63 dB

Date: 15.JAN.2021 00:15:38

Middle Channel / 1RB

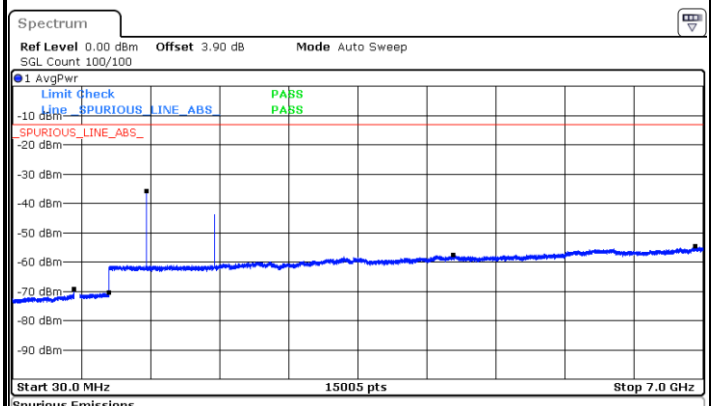


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	631.01799 MHz	-69.40 dBm	-56.40 dB
709.000 MHz	1.000 GHz	100.000 kHz	923.10739 MHz	-70.61 dBm	-57.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35216 GHz	-35.49 dBm	-22.49 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46788 GHz	-57.35 dBm	-44.35 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93877 GHz	-54.83 dBm	-41.83 dB

Date: 15.JAN.2021 00:13:21

Highest Channel / 1RB



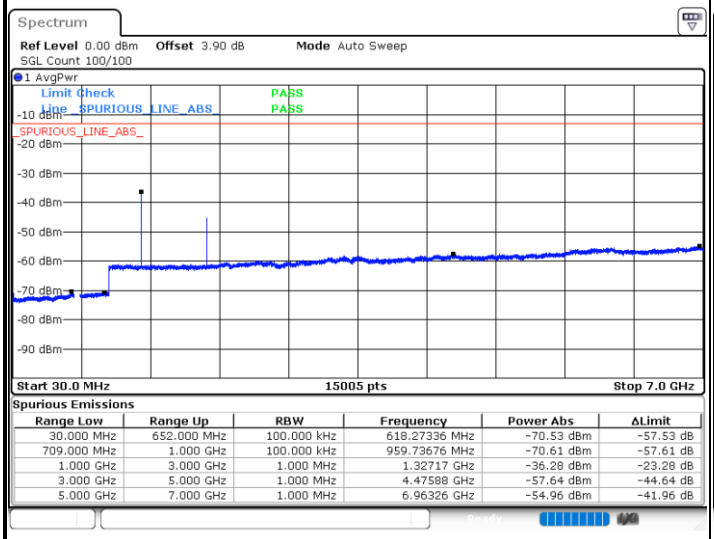
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.45177 MHz	-69.24 dBm	-56.24 dB
709.000 MHz	1.000 GHz	100.000 kHz	998.11039 MHz	-70.50 dBm	-57.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37716 GHz	-35.89 dBm	-22.89 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47988 GHz	-57.67 dBm	-44.67 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92227 GHz	-54.66 dBm	-41.66 dB

Date: 15.JAN.2021 00:14:18

FR1 n71 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

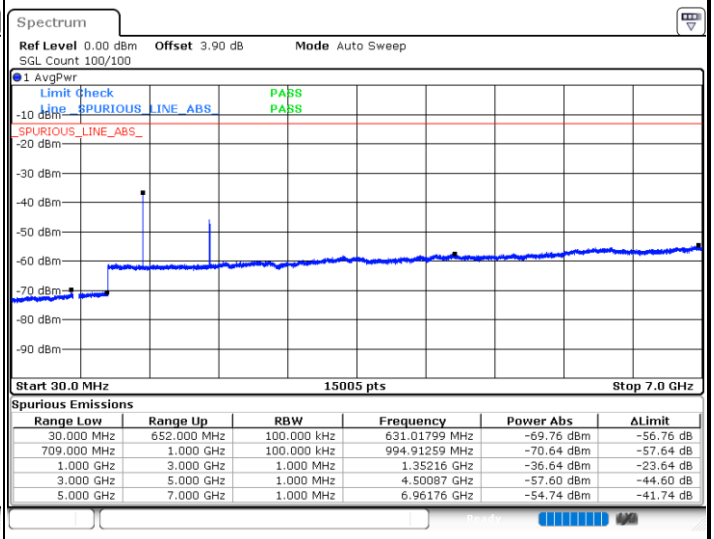


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.27336 MHz	-70.53 dBm	-57.53 dB
709.000 MHz	1.000 GHz	100.000 kHz	959.73676 MHz	-70.61 dBm	-57.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-36.28 dBm	-23.28 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47588 GHz	-57.64 dBm	-44.64 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96326 GHz	-54.96 dBm	-41.96 dB

Date: 15.JAN.2021 00:15:18

Middle Channel / 1RB

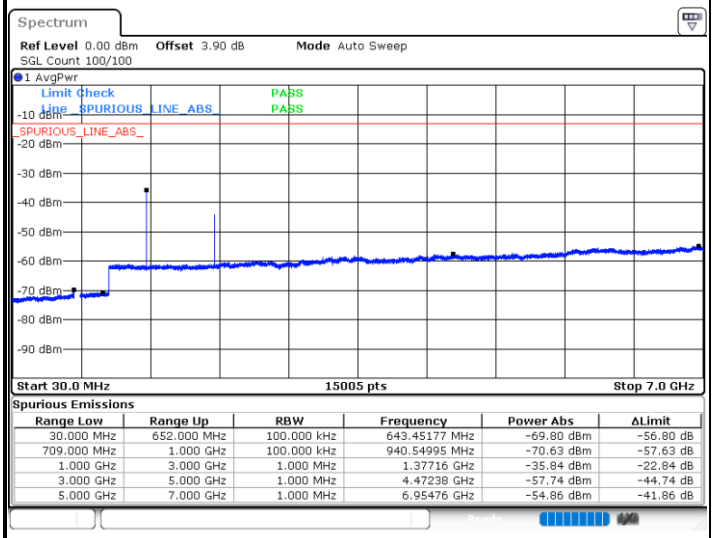


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	631.01799 MHz	-69.76 dBm	-56.76 dB
709.000 MHz	1.000 GHz	100.000 kHz	994.91259 MHz	-70.64 dBm	-57.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35216 GHz	-36.64 dBm	-23.64 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.50087 GHz	-57.60 dBm	-44.60 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96176 GHz	-54.74 dBm	-41.74 dB

Date: 15.JAN.2021 00:13:02

Highest Channel / 1RB



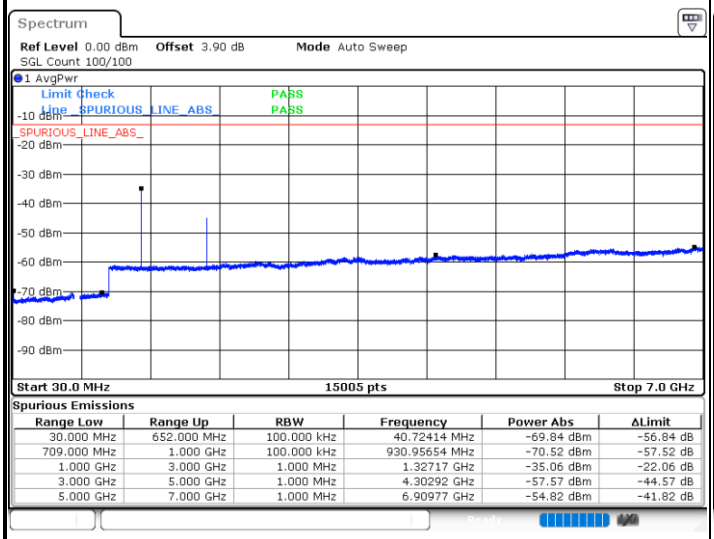
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	643.45177 MHz	-69.80 dBm	-56.80 dB
709.000 MHz	1.000 GHz	100.000 kHz	940.54995 MHz	-70.63 dBm	-57.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37716 GHz	-35.84 dBm	-22.84 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47238 GHz	-57.74 dBm	-44.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95476 GHz	-54.86 dBm	-41.86 dB

Date: 15.JAN.2021 00:14:40

FR1 n71 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

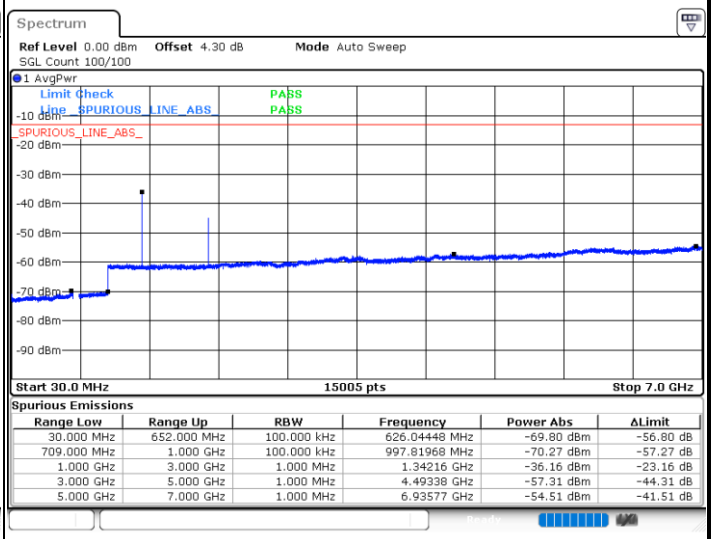


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	40.72414 MHz	-69.84 dBm	-56.84 dB
709.000 MHz	1.000 GHz	100.000 kHz	930.95654 MHz	-70.52 dBm	-57.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-35.06 dBm	-22.06 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30292 GHz	-57.57 dBm	-44.57 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90977 GHz	-54.82 dBm	-41.82 dB

Date: 14.JAN.2021 23:07:27

Middle Channel / 1RB

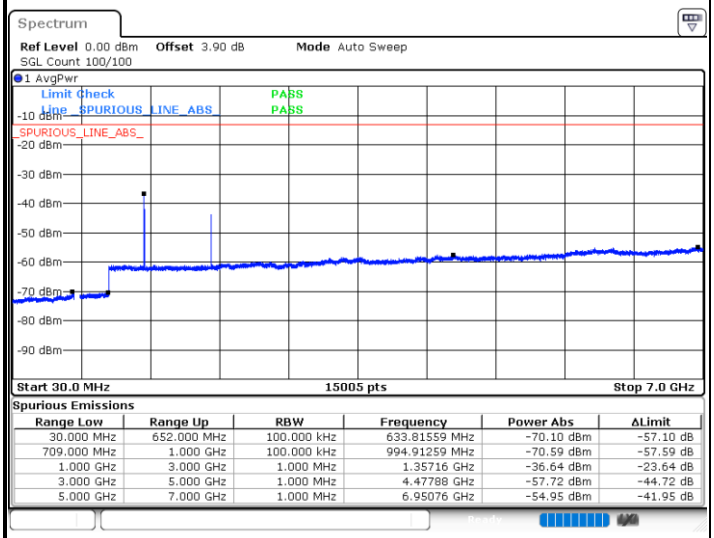


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	626.04448 MHz	-69.80 dBm	-56.80 dB
709.000 MHz	1.000 GHz	100.000 kHz	997.81968 MHz	-70.27 dBm	-57.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-36.16 dBm	-23.16 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49338 GHz	-57.31 dBm	-44.31 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93577 GHz	-54.51 dBm	-41.51 dB

Date: 14.JAN.2021 21:37:54

Highest Channel / 1RB



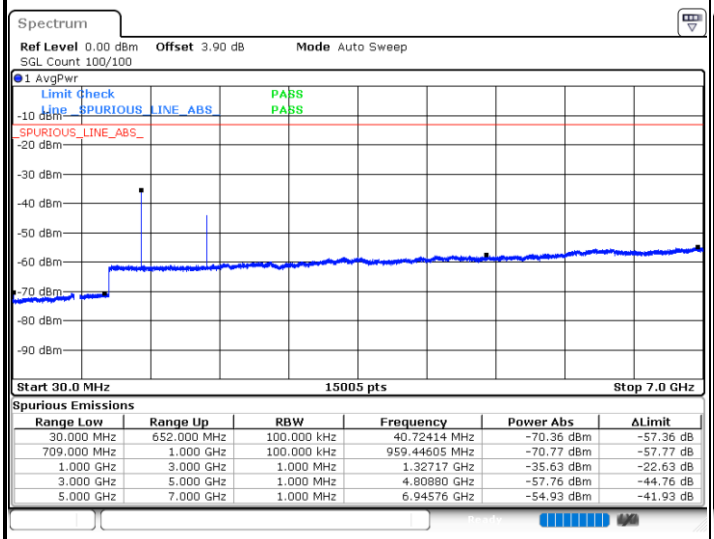
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.81559 MHz	-70.10 dBm	-57.10 dB
709.000 MHz	1.000 GHz	100.000 kHz	994.91259 MHz	-70.59 dBm	-57.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-36.64 dBm	-23.64 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47788 GHz	-57.72 dBm	-44.72 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-54.95 dBm	-41.95 dB

Date: 14.JAN.2021 23:05:23

FR1 n71 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

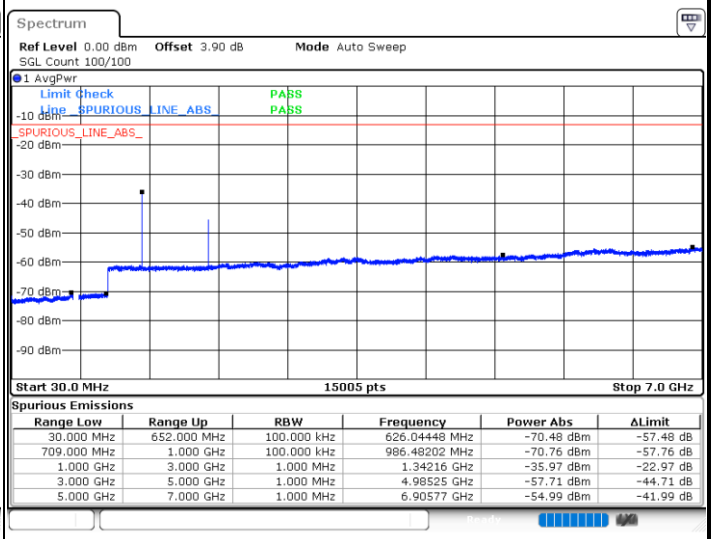


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	40.72414 MHz	-70.36 dBm	-57.36 dB
709.000 MHz	1.000 GHz	100.000 kHz	959.44605 MHz	-70.77 dBm	-57.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-35.63 dBm	-22.63 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.80880 GHz	-57.76 dBm	-44.76 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94576 GHz	-54.93 dBm	-41.93 dB

Date: 14.JAN.2021 23:10:53

Middle Channel / 1RB

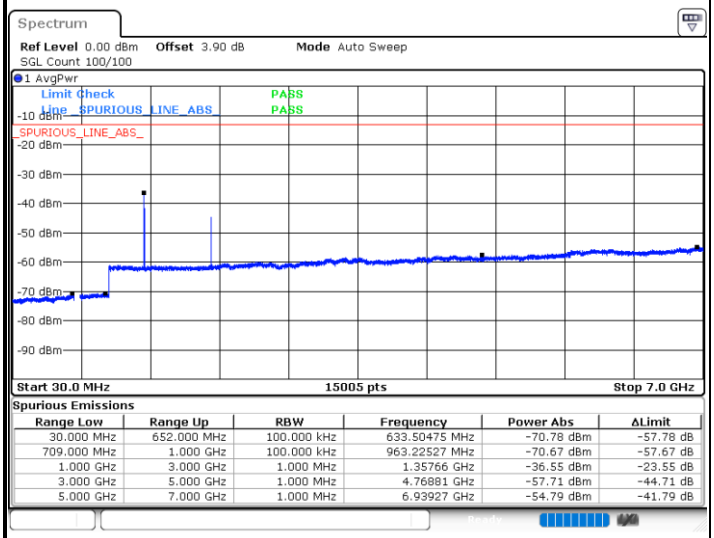


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	626.04448 MHz	-70.48 dBm	-57.48 dB
709.000 MHz	1.000 GHz	100.000 kHz	986.48202 MHz	-70.76 dBm	-57.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-35.97 dBm	-22.97 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.98525 GHz	-57.71 dBm	-44.71 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90577 GHz	-54.99 dBm	-41.99 dB

Date: 15.JAN.2021 00:10:59

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.50475 MHz	-70.78 dBm	-57.78 dB
709.000 MHz	1.000 GHz	100.000 kHz	963.22527 MHz	-70.67 dBm	-57.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35766 GHz	-36.55 dBm	-23.55 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.76881 GHz	-57.71 dBm	-44.71 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93927 GHz	-54.79 dBm	-41.79 dB

Date: 14.JAN.2021 23:02:47

Frequency Stability

Test Conditions		NR n71 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0021	
20	Battery End Point	0.0011	

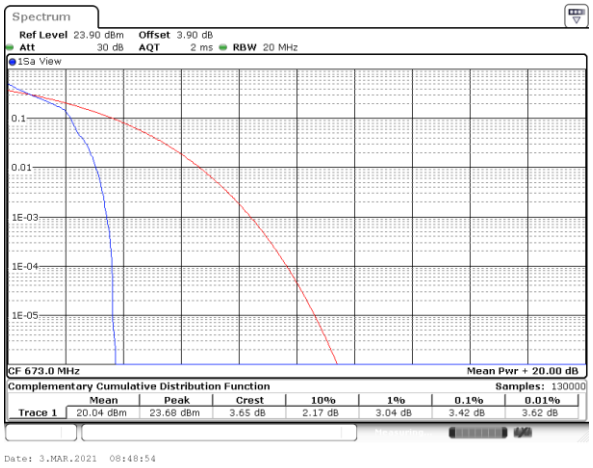
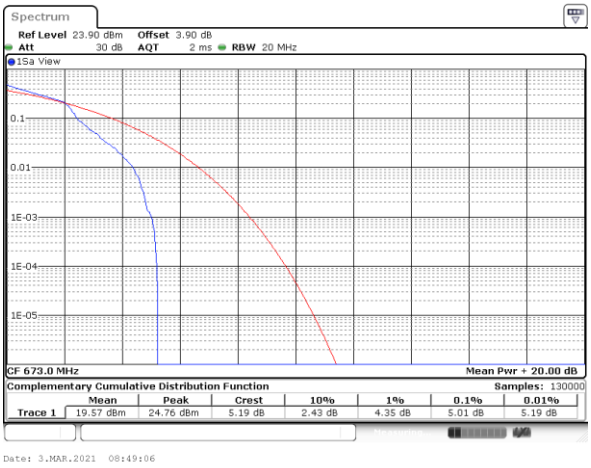
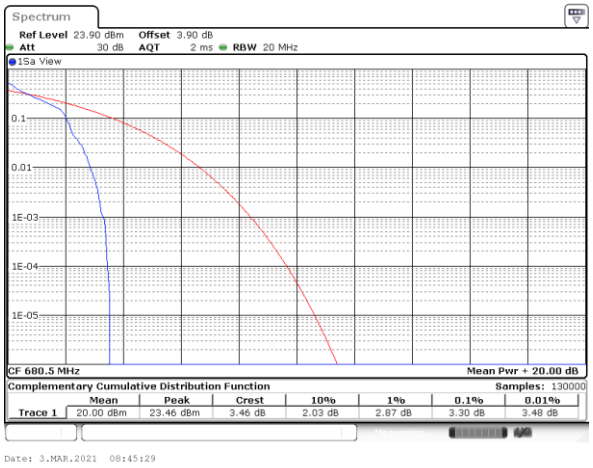
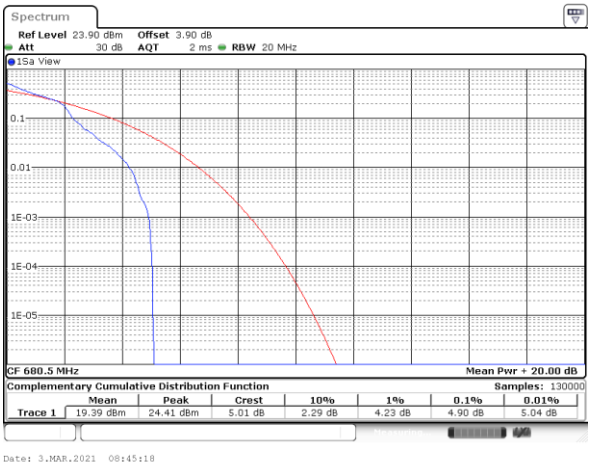
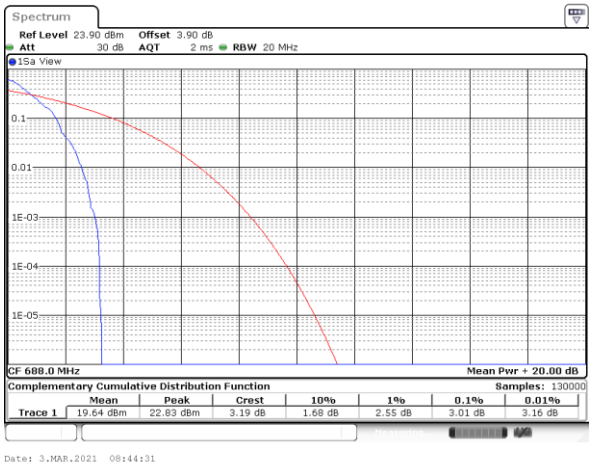
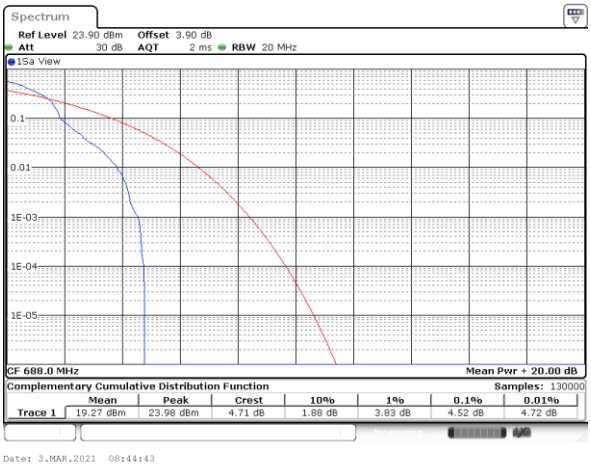
Note:

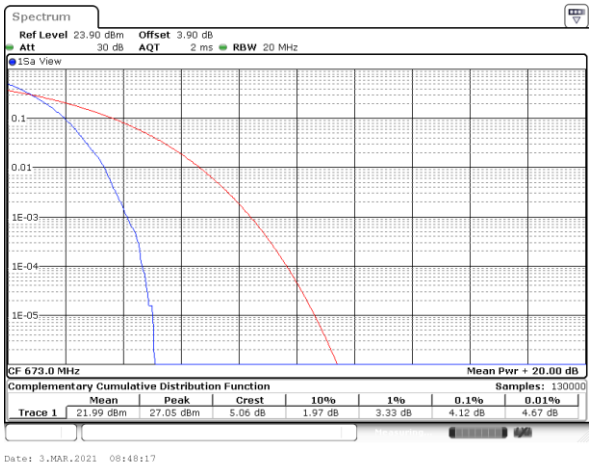
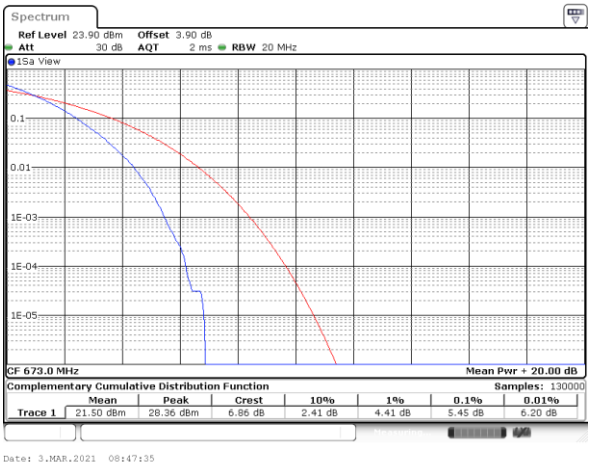
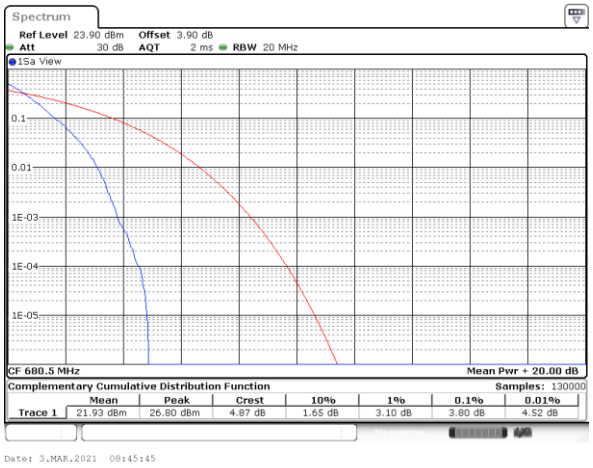
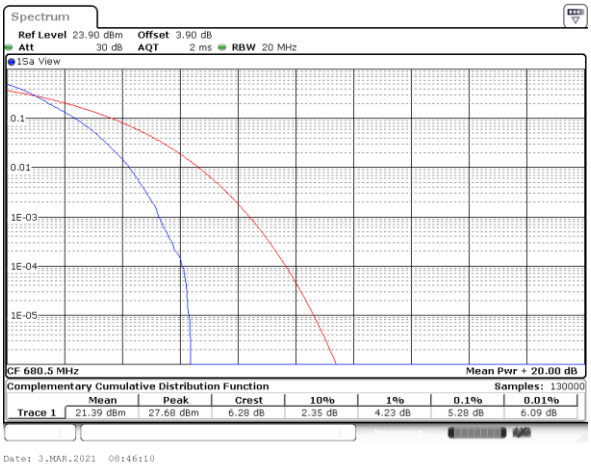
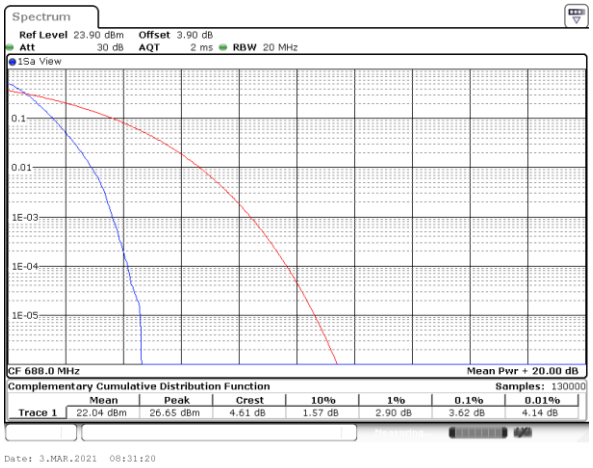
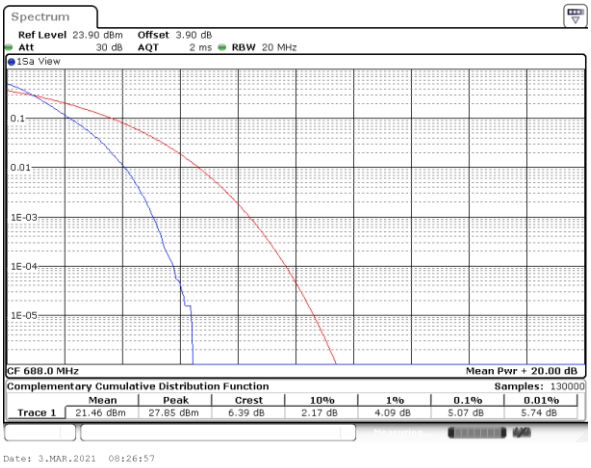
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n71 NSA

Peak-to-Average Ratio

Mode	FR1 n71 / 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	3.42	4.12	5.01	5.45	PASS
Middle CH	3.30	3.80	4.90	5.28	
Highest CH	3.01	3.62	4.52	5.07	

FR1 n71 / 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 n71 / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

26dB Bandwidth

Mode	FR1 n71 : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.87	4.96	4.83	4.88				

Mode	FR1 n71 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.89	9.79	9.77	9.67				

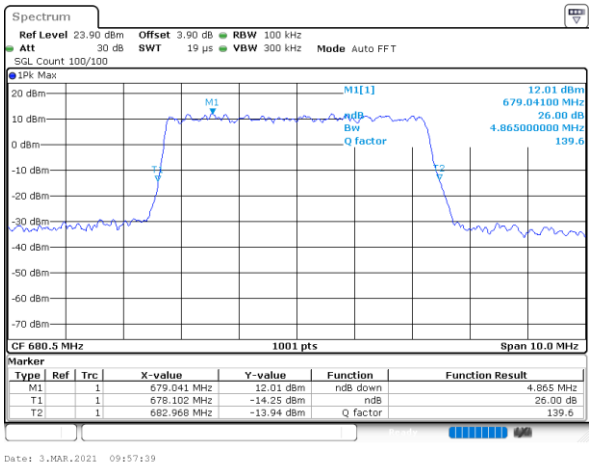
Mode	FR1 n71 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.87	14.98	15.07	15.02				

Mode	FR1 n71 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.82	19.94	19.94	19.86				

FR1 n71 / 5MHz / CP-OFDM

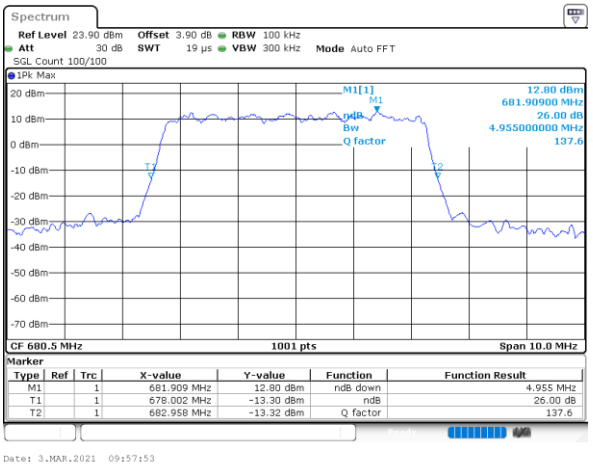
QPSK

Middle Channel



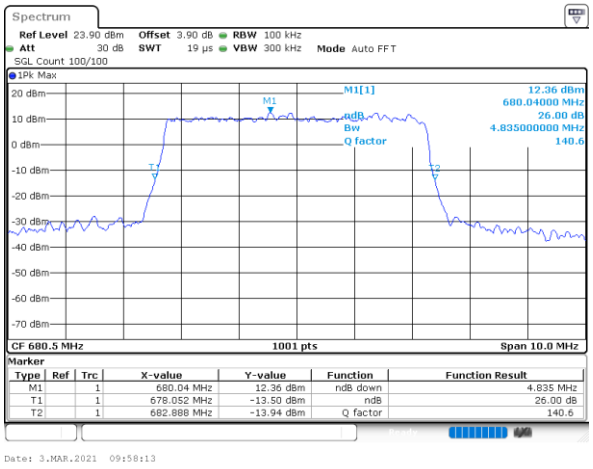
16QAM

Middle Channel



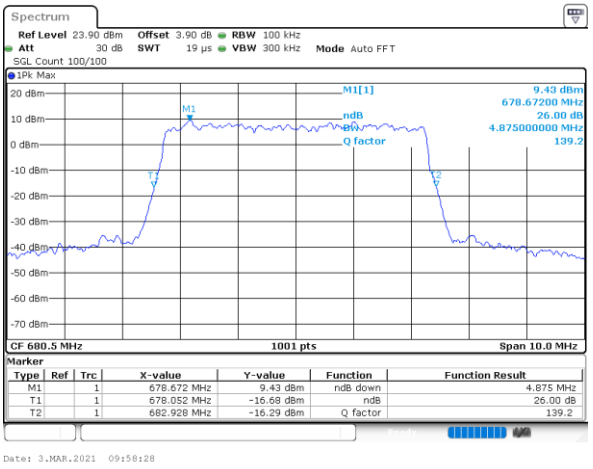
64QAM

Middle Channel



256QAM

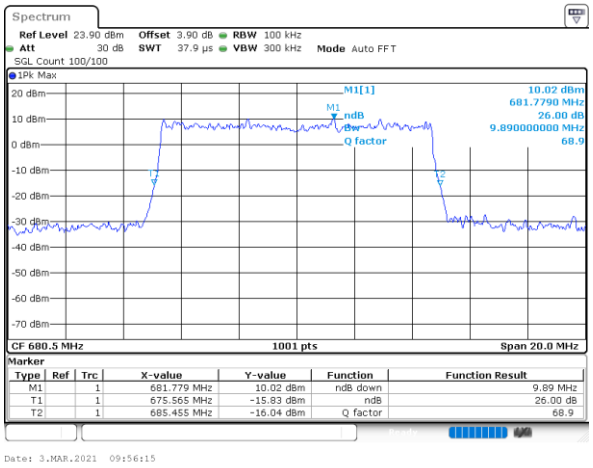
Middle Channel



FR1 n71 / 10MHz / CP-OFDM

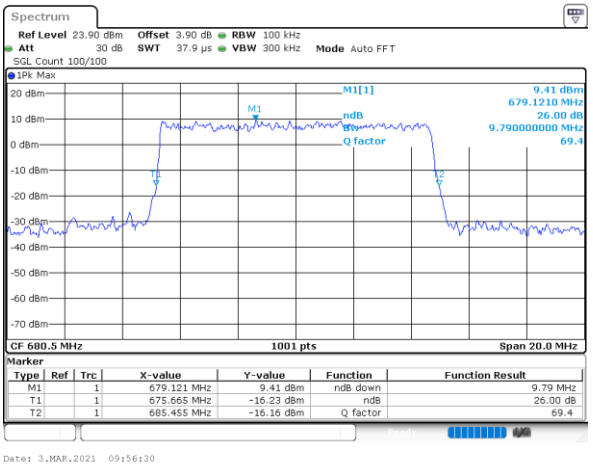
QPSK

Middle Channel



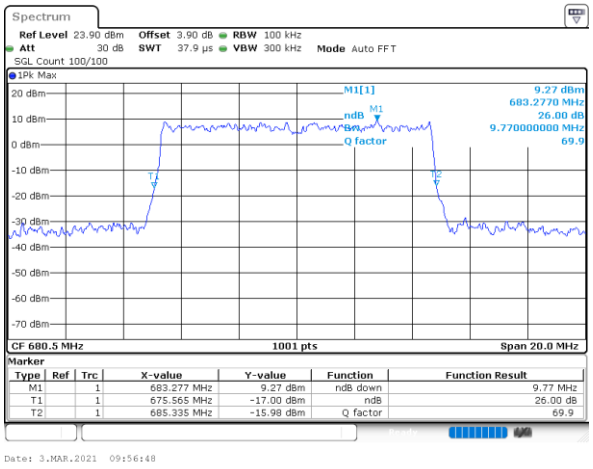
16QAM

Middle Channel



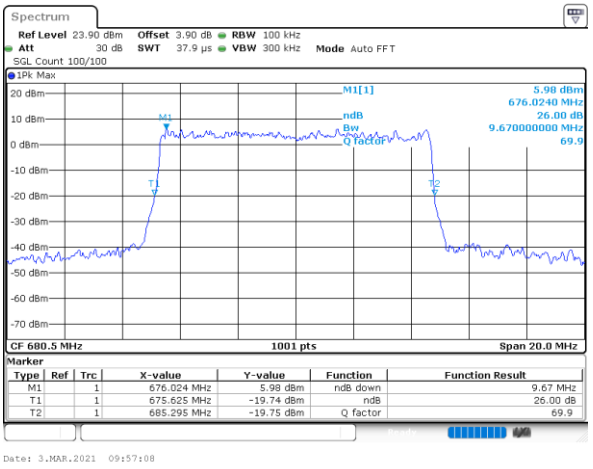
64QAM

Middle Channel



256QAM

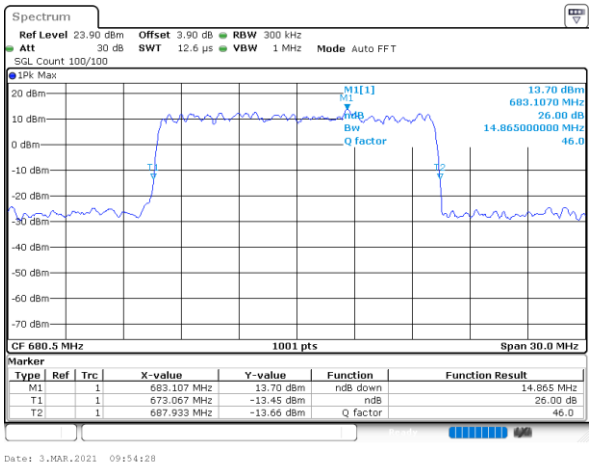
Middle Channel



FR1 n71 / 15MHz / CP-OFDM

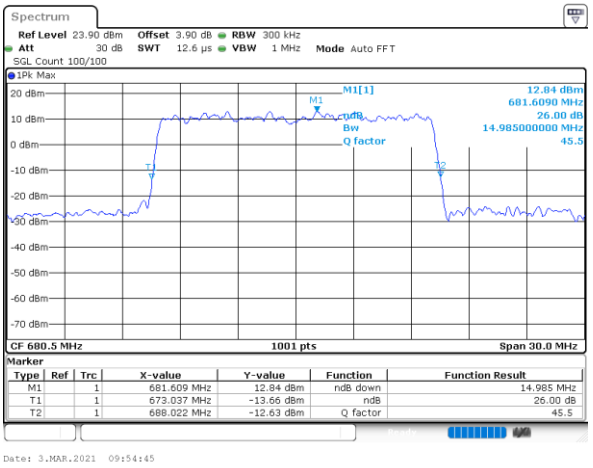
QPSK

Middle Channel



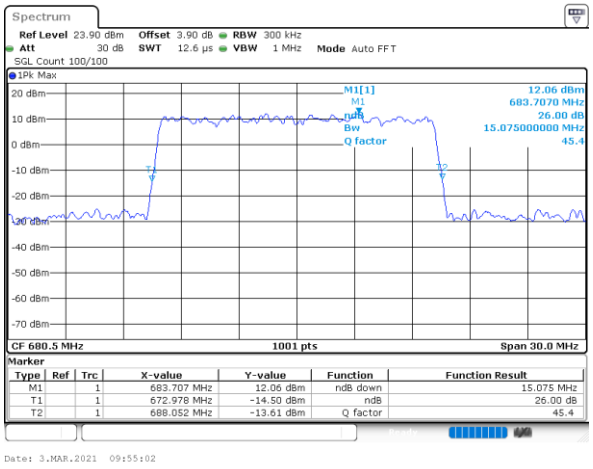
16QAM

Middle Channel



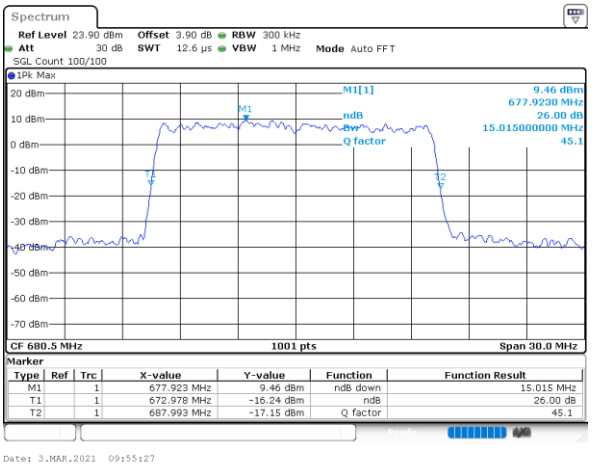
64QAM

Middle Channel



256QAM

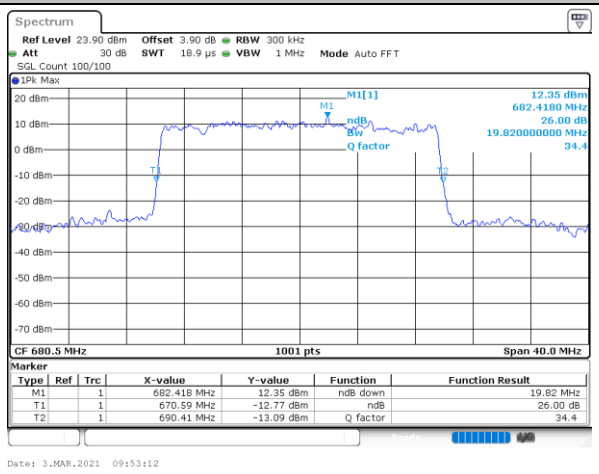
Middle Channel



FR1 n71 / 20MHz / CP-OFDM

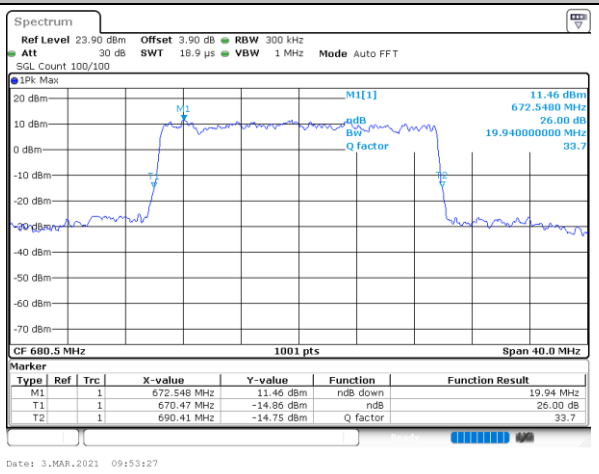
QPSK

Middle Channel



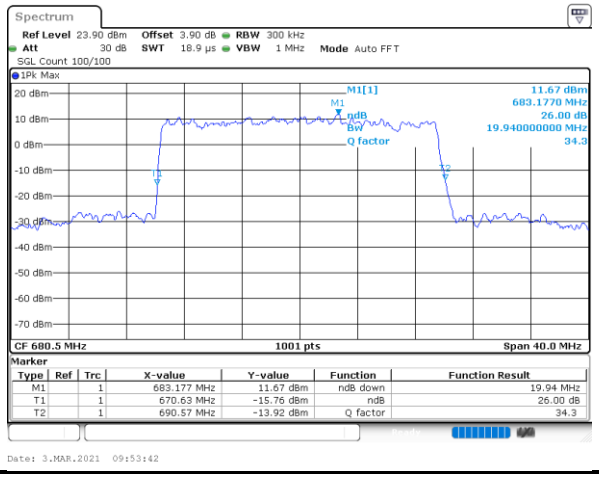
16QAM

Middle Channel



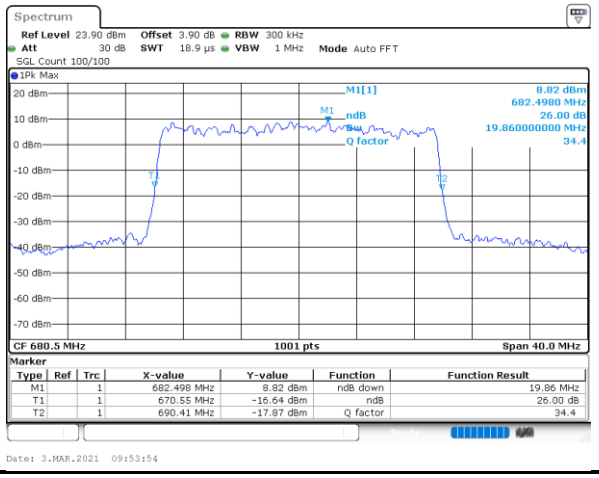
64QAM

Middle Channel



256QAM

Middle Channel



Occupied Bandwidth

Mode	FR1 n71 : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.48	4.50	4.49	4.47				

Mode	FR1 n71 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.29	9.29	9.29	9.27				

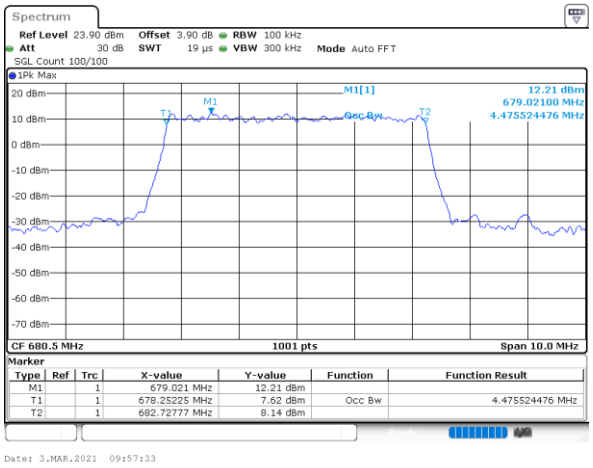
Mode	FR1 n71 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.12	14.06	14.15	14.06				

Mode	FR1 n71 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.94	18.90	18.86	18.90				

FR1 n71 / 5MHz / CP-OFDM

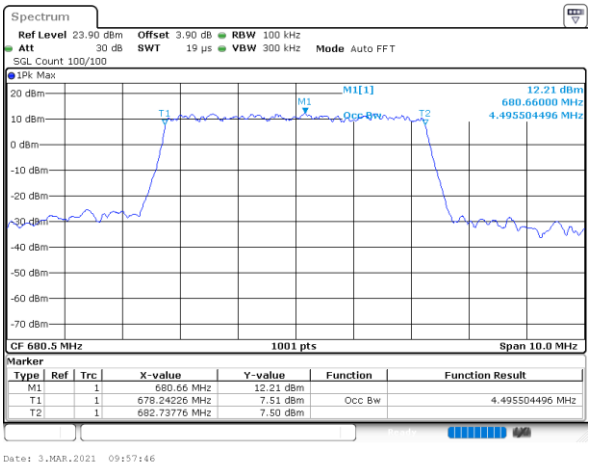
QPSK

Middle Channel



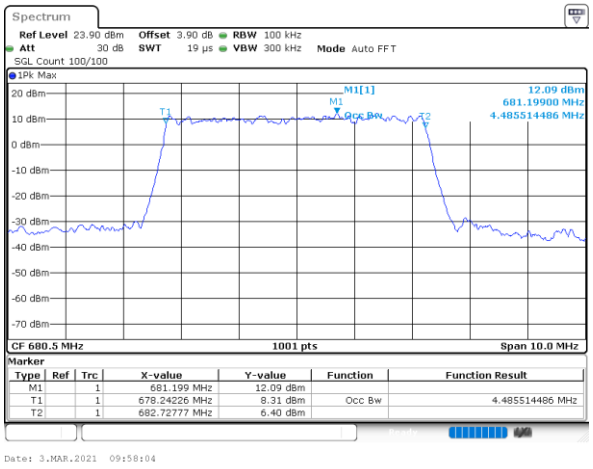
16QAM

Middle Channel



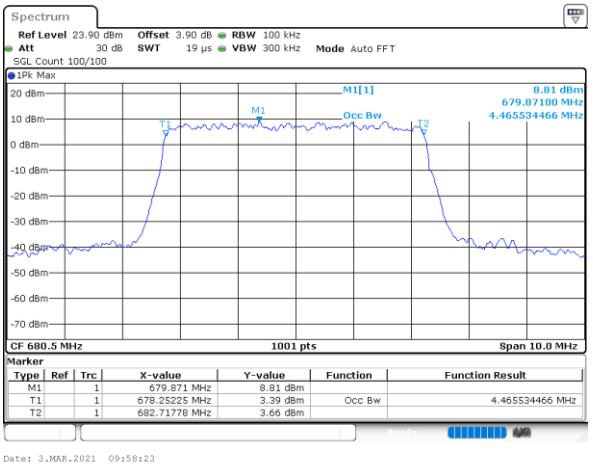
64QAM

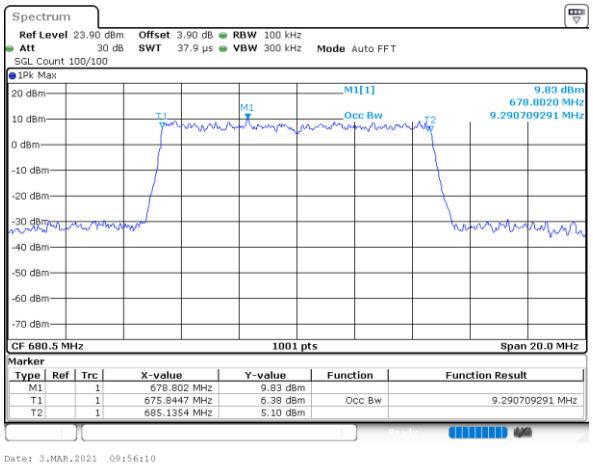
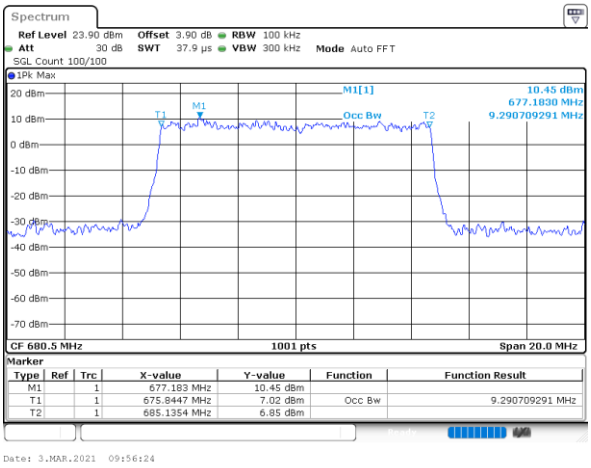
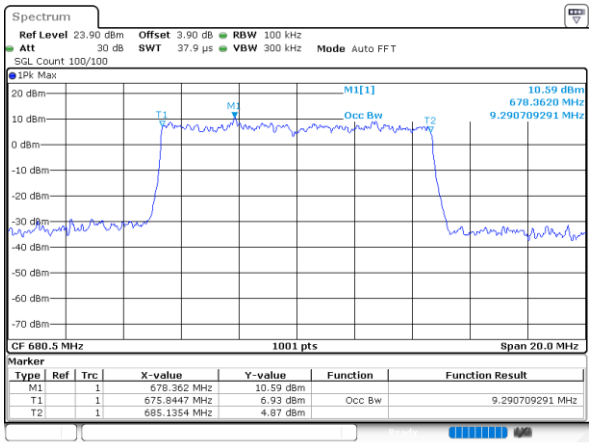
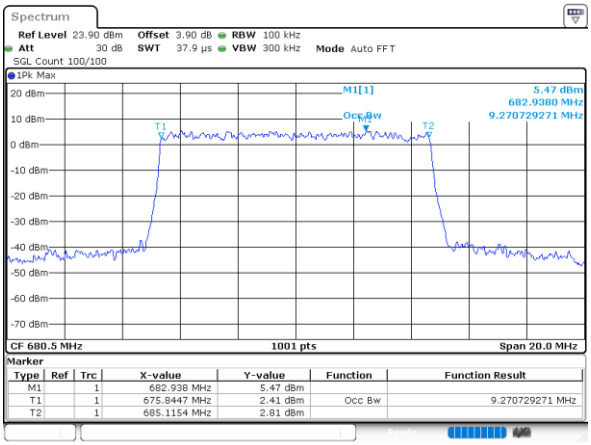
Middle Channel



256QAM

Middle Channel

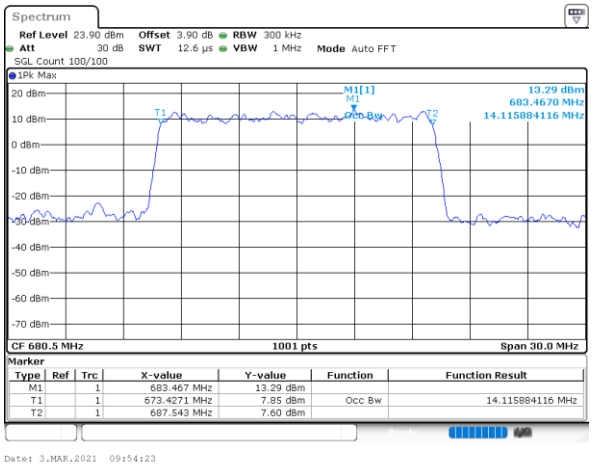


FR1 n71 / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n71 / 15MHz / CP-OFDM

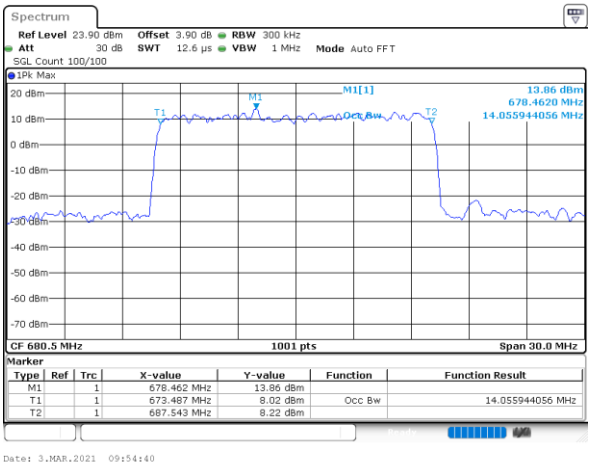
QPSK

Middle Channel



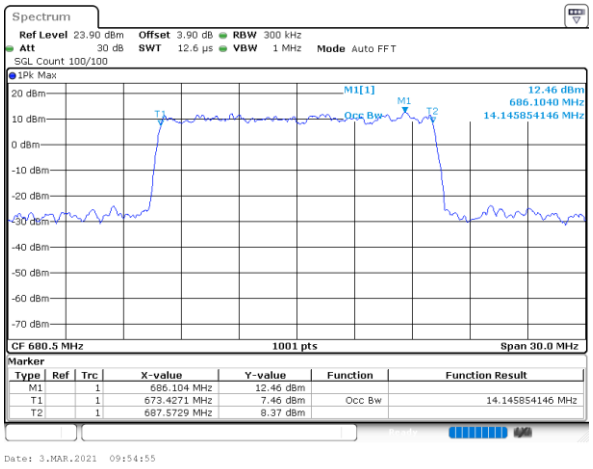
16QAM

Middle Channel



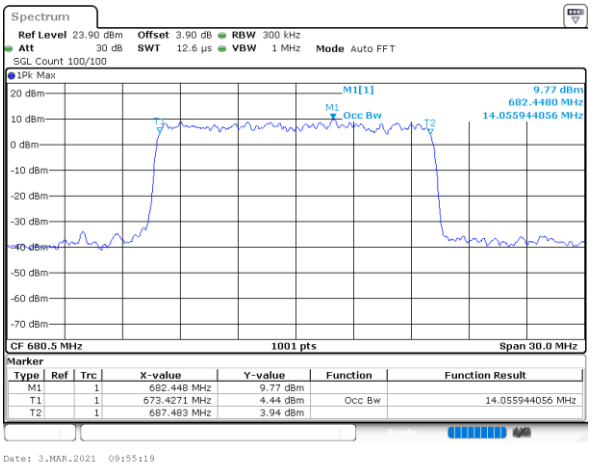
64QAM

Middle Channel



256QAM

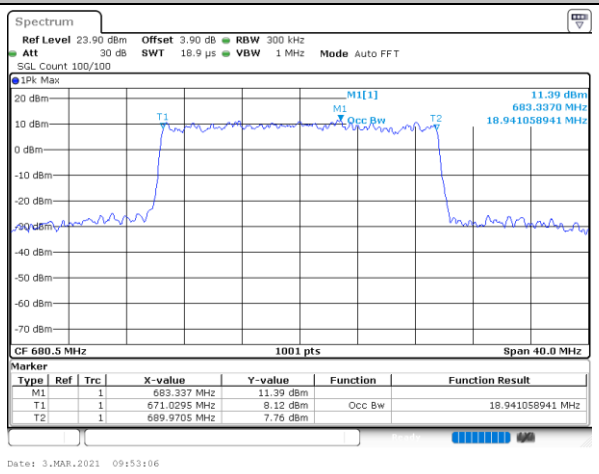
Middle Channel



FR1 n71 / 20MHz / CP-OFDM

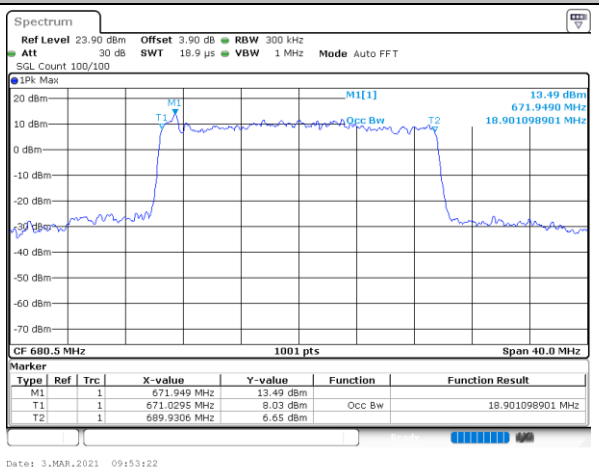
QPSK

Middle Channel



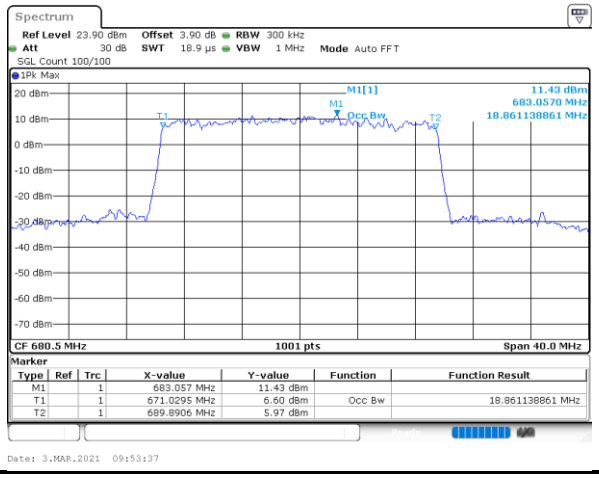
16QAM

Middle Channel



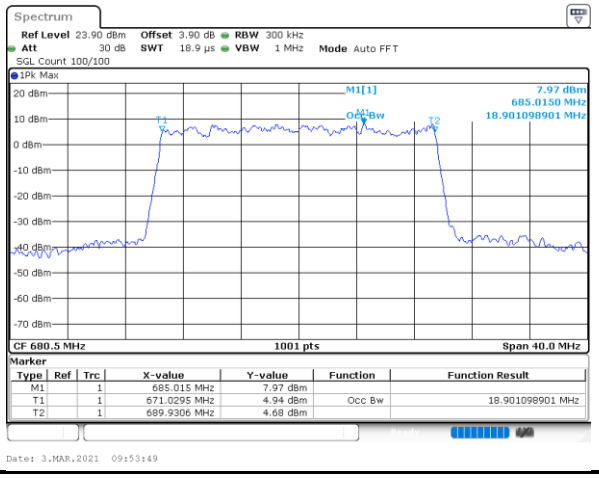
64QAM

Middle Channel

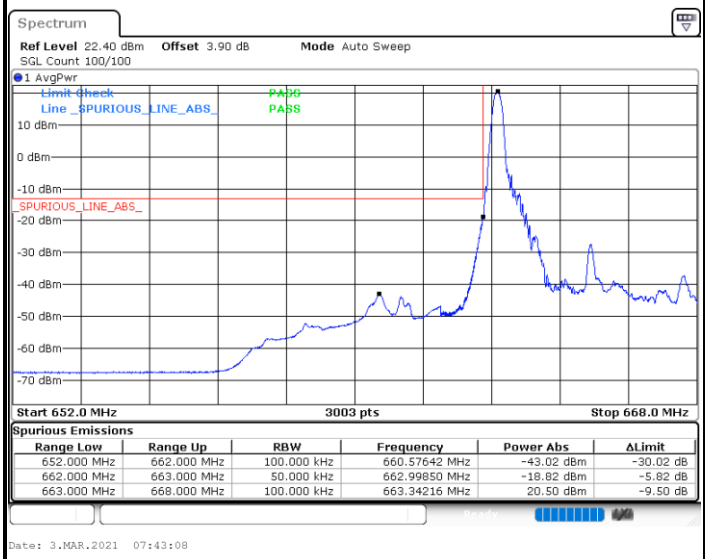
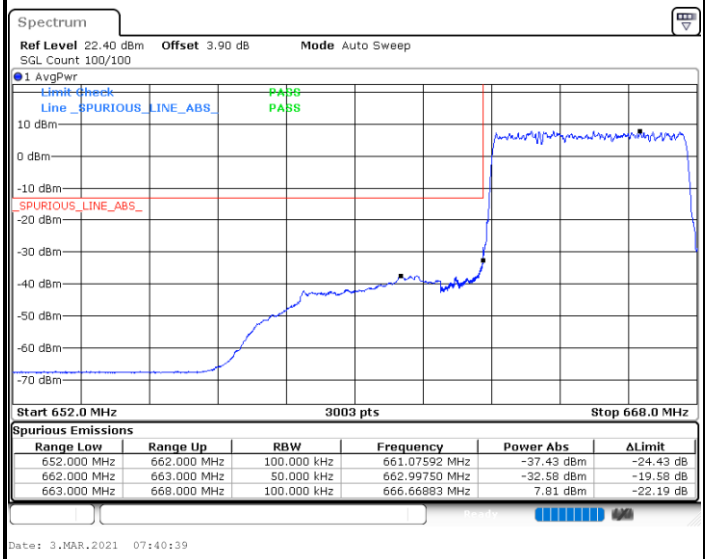


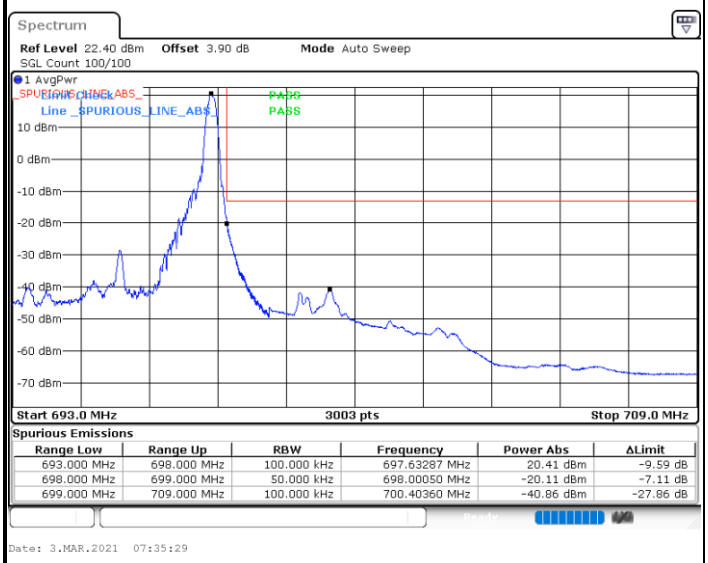
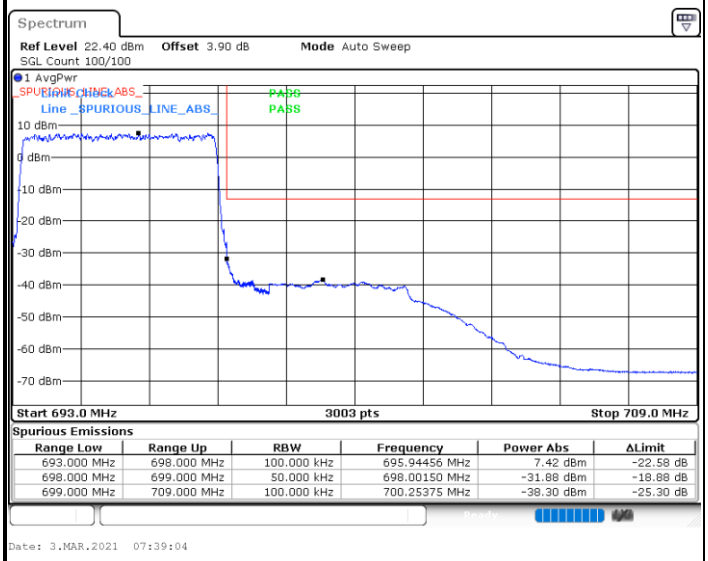
256QAM

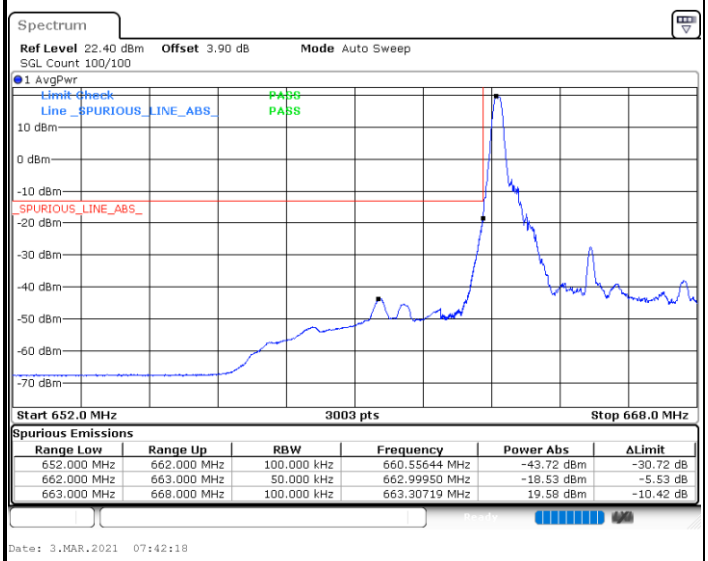
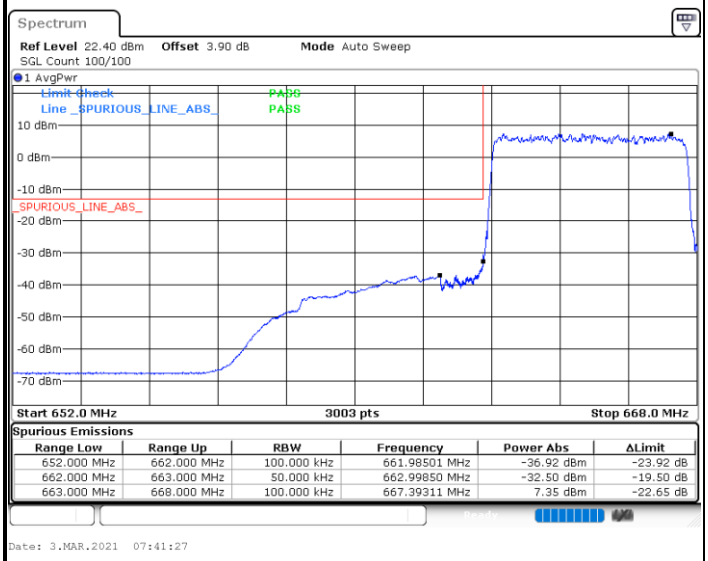
Middle Channel

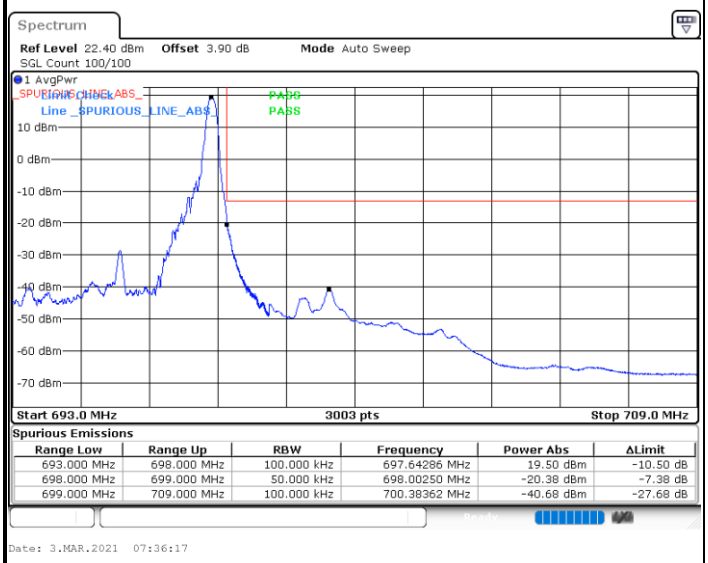
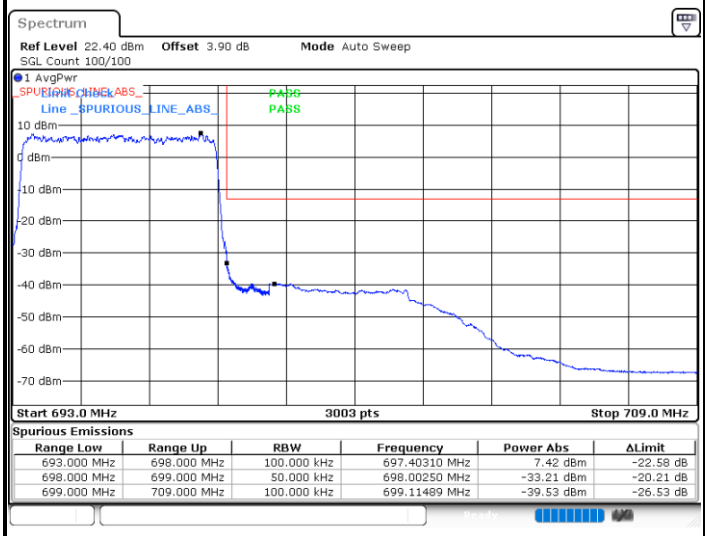


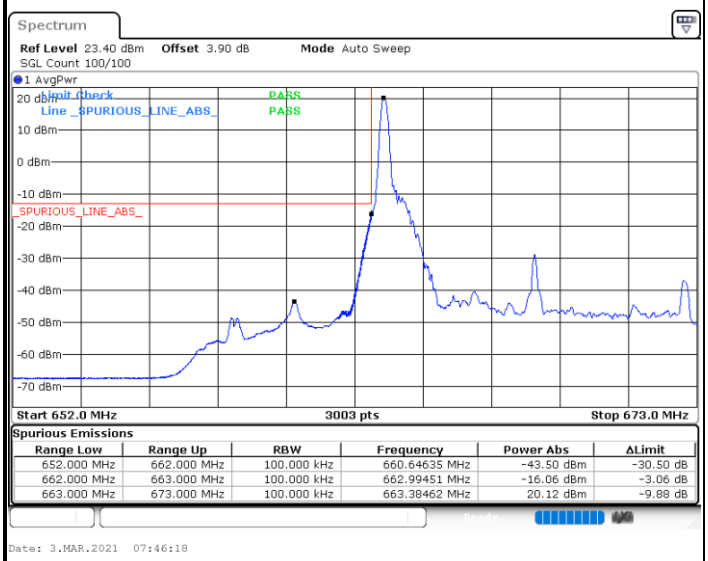
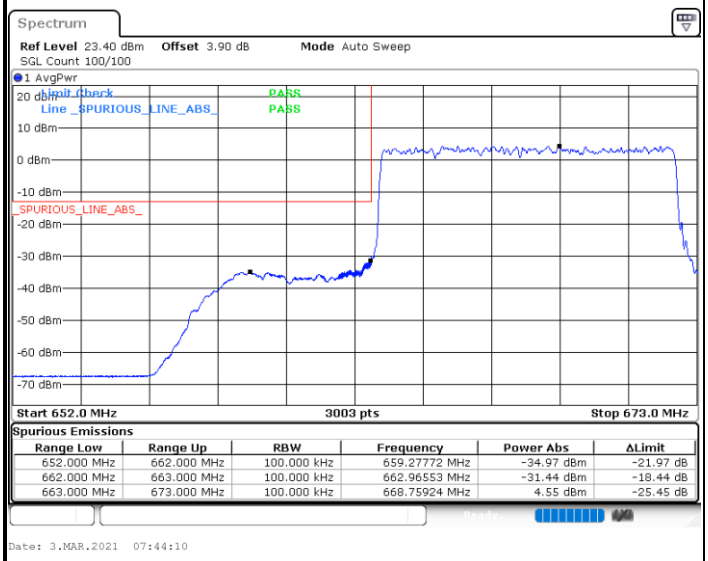
Conducted Band Edge

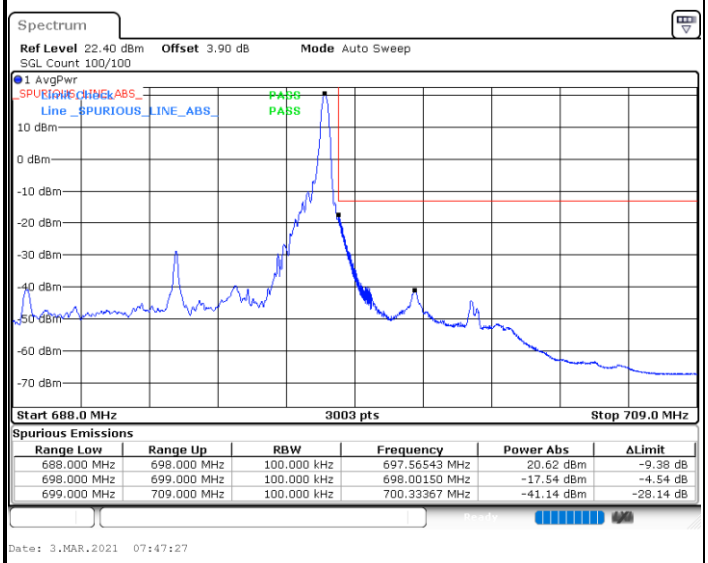
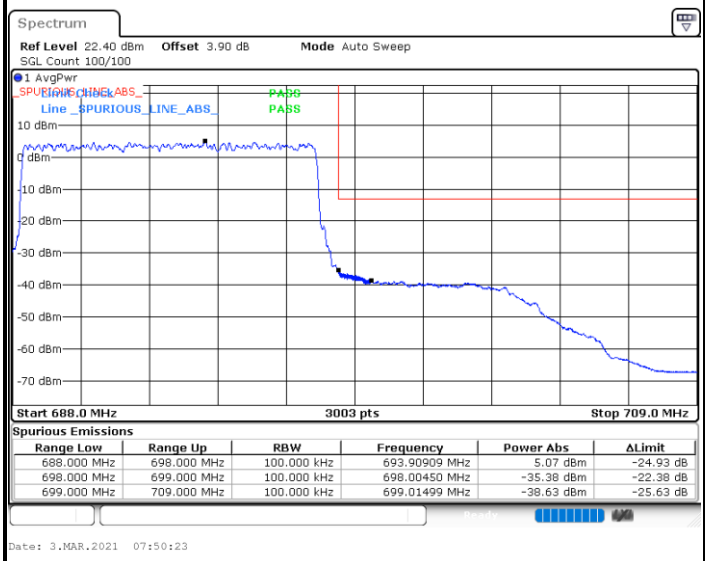
FR1 n71 / 5MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

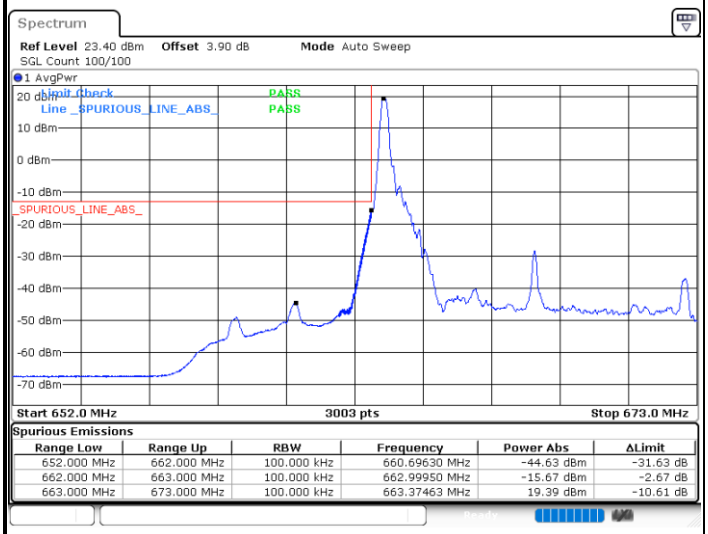
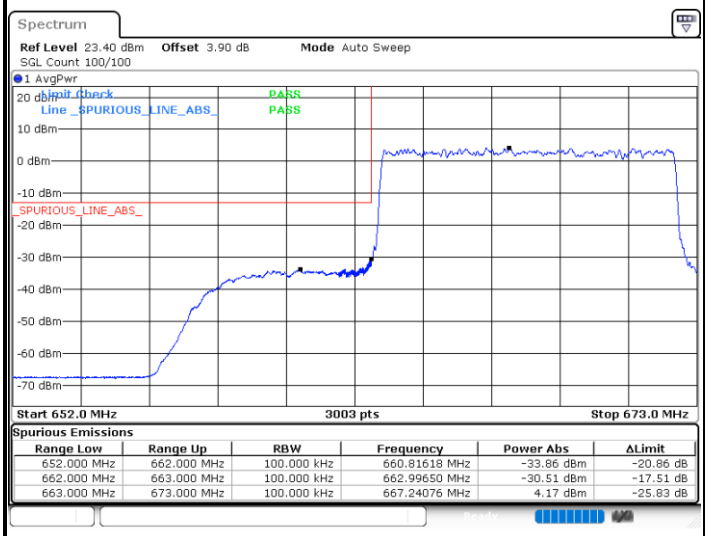
FR1 n71 / 5MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

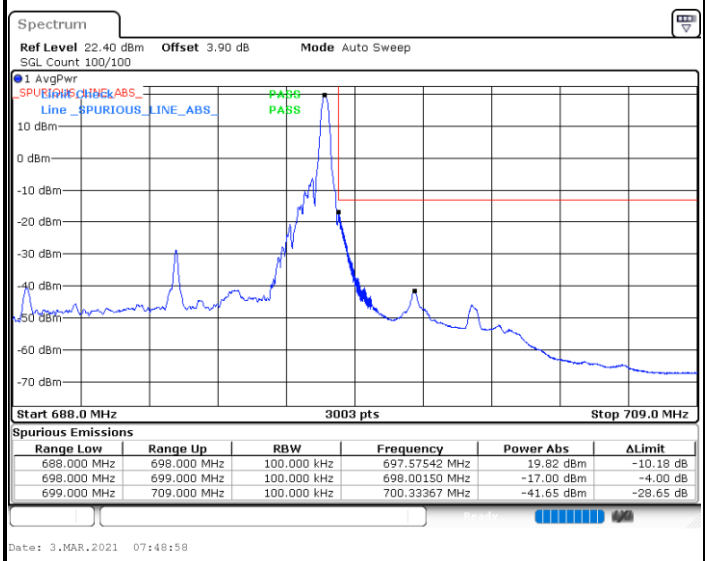
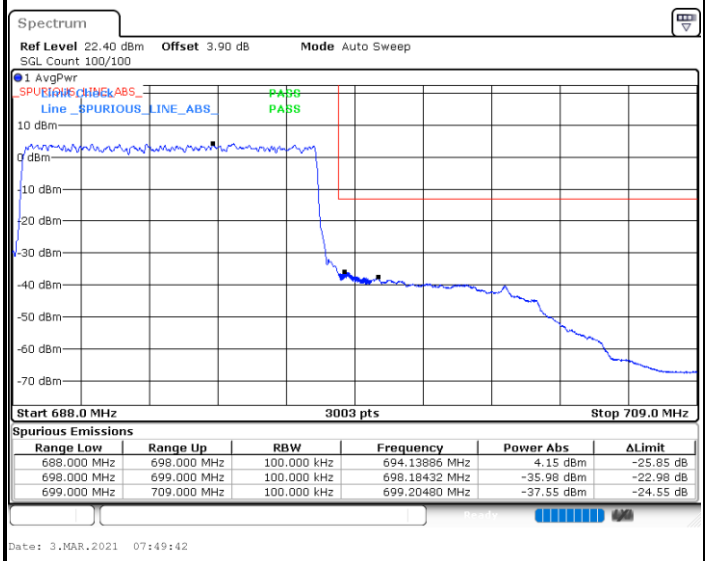
FR1 n71 / 5MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 652.000 MHz / 662.000 MHz / 100.000 kHz / 660.55644 MHz / -43.72 dBm / -30.72 dB 662.000 MHz / 663.000 MHz / 50.000 kHz / 662.99950 MHz / -18.53 dBm / -5.53 dB 663.000 MHz / 668.000 MHz / 100.000 kHz / 663.30719 MHz / 19.58 dBm / -10.42 dB Date: 3.MAR.2021 07:42:18	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 652.000 MHz / 662.000 MHz / 100.000 kHz / 661.98501 MHz / -36.92 dBm / -23.92 dB 662.000 MHz / 663.000 MHz / 50.000 kHz / 662.99850 MHz / -32.50 dBm / -19.50 dB 663.000 MHz / 668.000 MHz / 100.000 kHz / 667.39311 MHz / 7.35 dBm / -22.65 dB Date: 3.MAR.2021 07:41:27	/

FR1 n71 / 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 693.000 MHz / 698.000 MHz / 100.000 kHz / 697.64286 MHz / 19.50 dBm / -10.50 dB 698.000 MHz / 699.000 MHz / 50.000 kHz / 698.00250 MHz / -20.38 dBm / -7.38 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 700.38362 MHz / -40.68 dBm / -27.68 dB Date: 3.MAR.2021 07:36:17	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 693.000 MHz / 698.000 MHz / 100.000 kHz / 697.40310 MHz / 7.42 dBm / -22.58 dB 698.000 MHz / 699.000 MHz / 50.000 kHz / 698.00250 MHz / -33.21 dBm / -20.21 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 699.11489 MHz / -39.53 dBm / -26.53 dB Date: 3.MAR.2021 07:37:55	/

FR1 n71 / 10MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

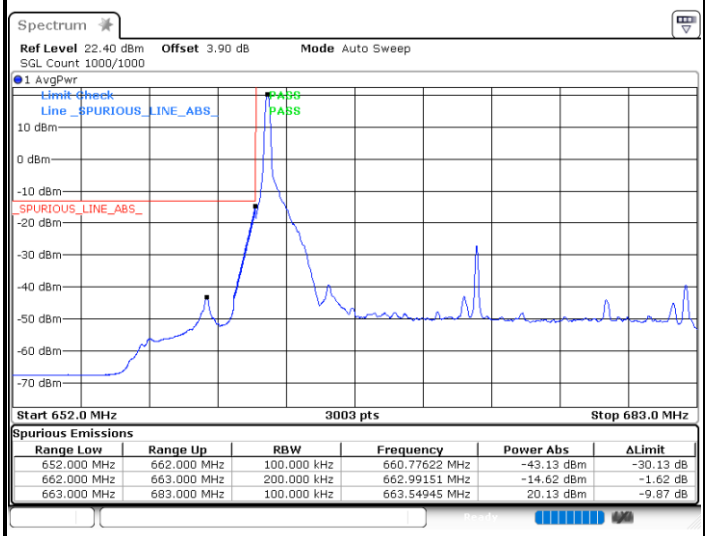
FR1 n71 / 10MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 697.56543 MHz / 20.62 dBm / -9.38 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.00150 MHz / -17.54 dBm / -4.54 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 700.33367 MHz / -41.14 dBm / -28.14 dB Date: 3.MAR.2021 07:47:27	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 693.90909 MHz / 5.07 dBm / -24.93 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.00450 MHz / -35.38 dBm / -22.38 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 699.01499 MHz / -38.63 dBm / -25.63 dB Date: 3.MAR.2021 07:50:23	/

FR1 n71 / 10MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 652.000 MHz / 662.000 MHz / 100.000 kHz / 660.69630 MHz / -44.63 dBm / -31.63 dB 662.000 MHz / 663.000 MHz / 100.000 kHz / 662.99950 MHz / -15.67 dBm / -2.67 dB 663.000 MHz / 673.000 MHz / 100.000 kHz / 663.37463 MHz / 19.39 dBm / -10.61 dB Date: 3.MAR.2021 07:45:32	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 652.000 MHz / 662.000 MHz / 100.000 kHz / 660.81618 MHz / -33.86 dBm / -20.86 dB 662.000 MHz / 663.000 MHz / 100.000 kHz / 662.99650 MHz / -30.51 dBm / -17.51 dB 663.000 MHz / 673.000 MHz / 100.000 kHz / 667.24076 MHz / 4.17 dBm / -25.83 dB Date: 3.MAR.2021 07:44:50	/

FR1 n71 / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 697.57542 MHz / 19.82 dBm / -10.18 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.00150 MHz / -17.00 dBm / -4.00 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 700.33367 MHz / -41.65 dBm / -28.65 dB Date: 3.MAR.2021 07:48:58	
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
 Spurious Emissions Range Low / Range Up / RBW / Frequency / Power Abs / ΔLimit 688.000 MHz / 698.000 MHz / 100.000 kHz / 694.13886 MHz / 4.15 dBm / -25.85 dB 698.000 MHz / 699.000 MHz / 100.000 kHz / 698.18432 MHz / -35.98 dBm / -22.98 dB 699.000 MHz / 709.000 MHz / 100.000 kHz / 699.20480 MHz / -37.55 dBm / -24.55 dB Date: 3.MAR.2021 07:49:42	/

FR1 n71 / 20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

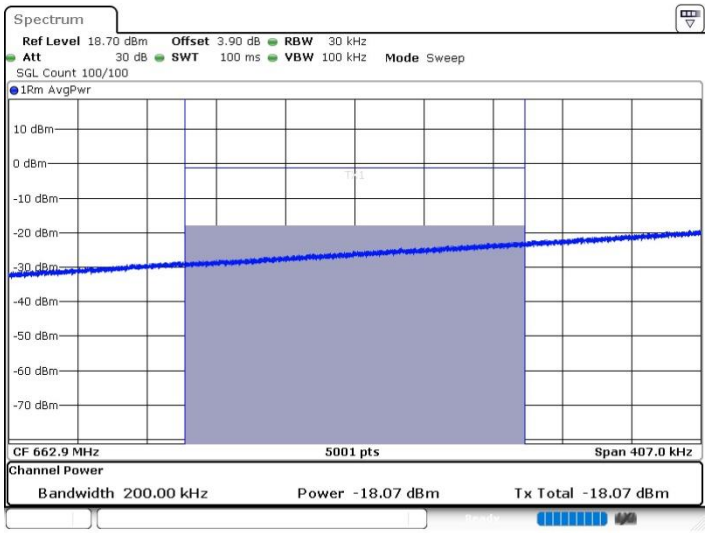


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.77622 MHz	-43.13 dBm	-30.13 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99151 MHz	-14.62 dBm	-1.62 dB
663.000 MHz	683.000 MHz	100.000 kHz	663.54945 MHz	20.13 dBm	-9.87 dB

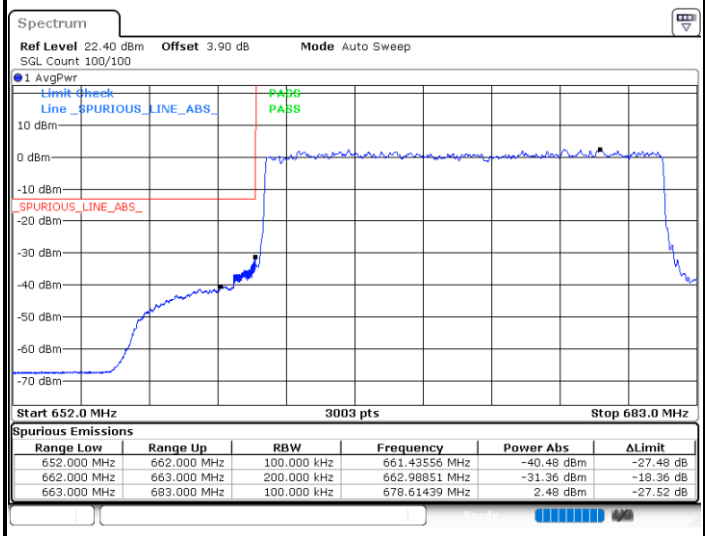
Date: 3.MAR.2021 07:56:08

Channel Power < -13dBm Pass



Date: 3.MAR.2021 08:12:39

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.43556 MHz	-40.48 dBm	-27.48 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.98851 MHz	-31.36 dBm	-18.36 dB
663.000 MHz	683.000 MHz	100.000 kHz	678.61439 MHz	2.48 dBm	-27.52 dB

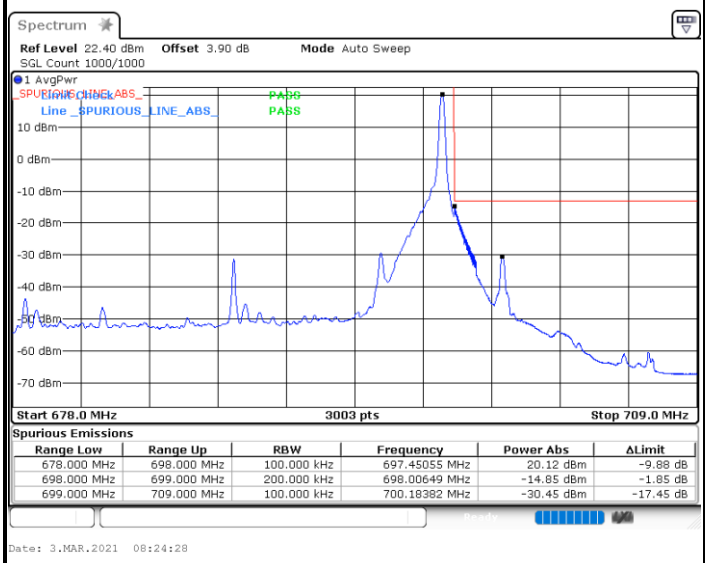
Date: 3.MAR.2021 08:14:03

Channel Power < -13dBm Pass

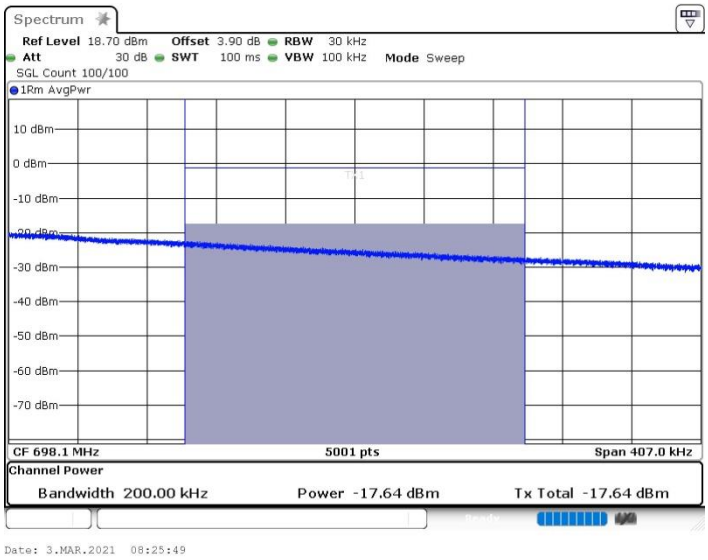
/

FR1 n71 / 20MHz / DFT-S OFDM BPSK

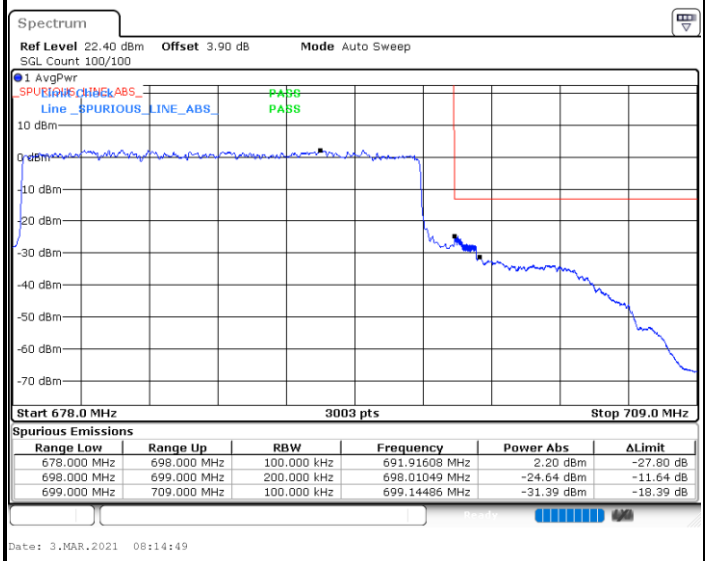
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB

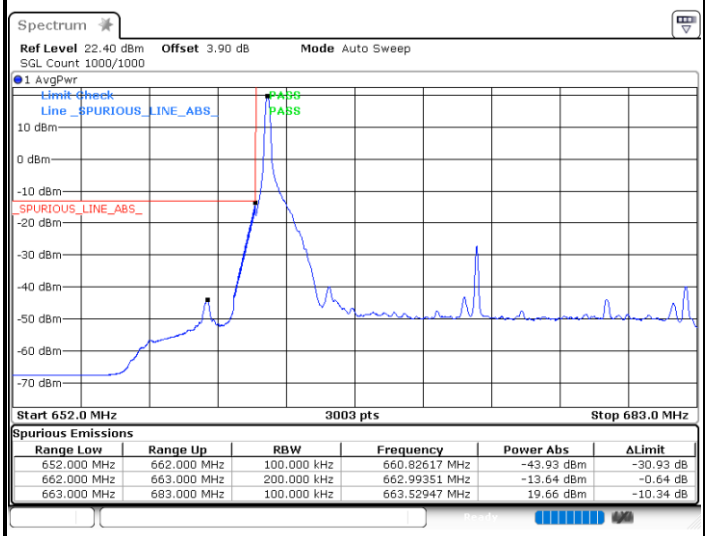


Channel Power < -13dBm Pass

/

FR1 n71 / 20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

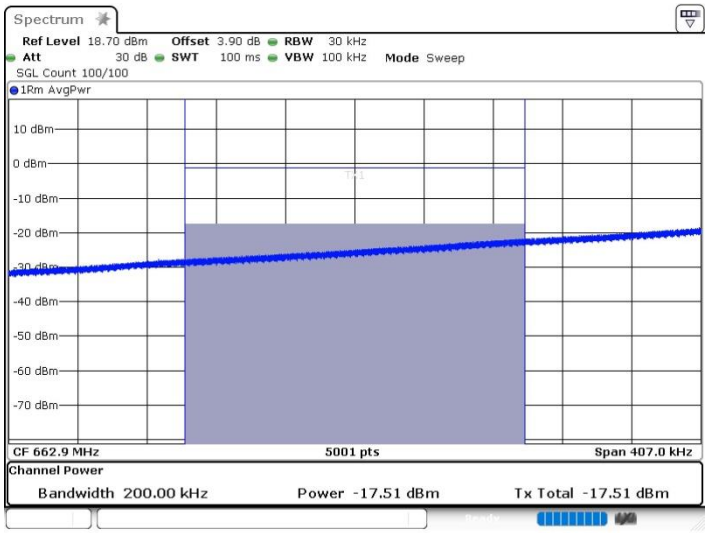


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.82617 MHz	-43.93 dBm	-30.93 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.99351 MHz	-13.64 dBm	-0.64 dB
663.000 MHz	683.000 MHz	100.000 kHz	663.52947 MHz	19.66 dBm	-10.34 dB

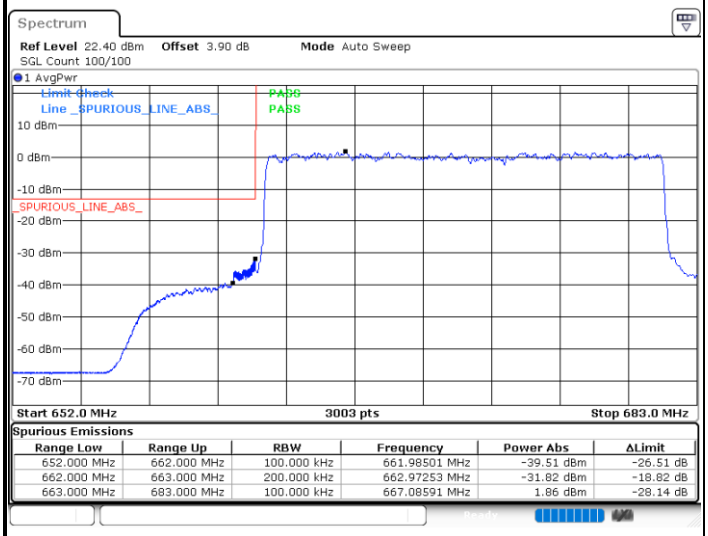
Date: 3.MAR.2021 08:10:51

Channel Power < -13dBm Pass



Date: 3.MAR.2021 08:12:17

Lowest Band Edge / Full RB



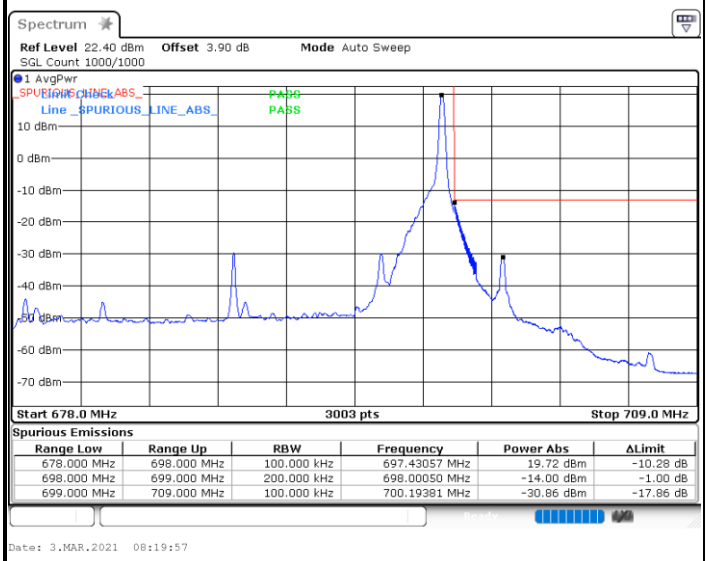
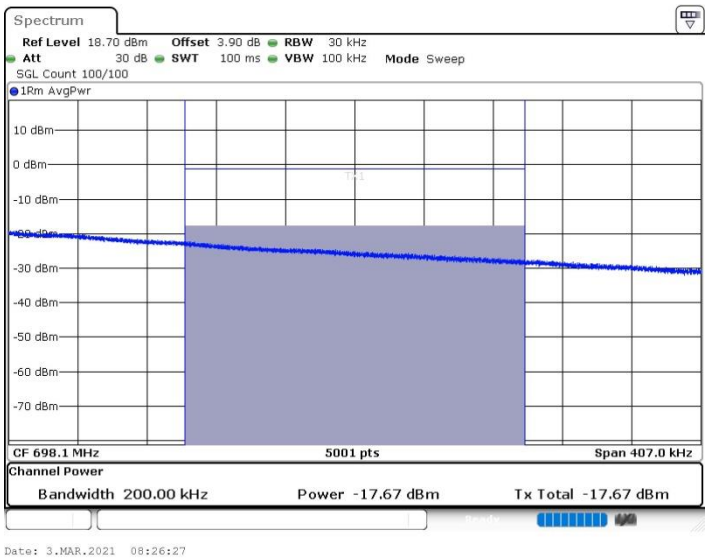
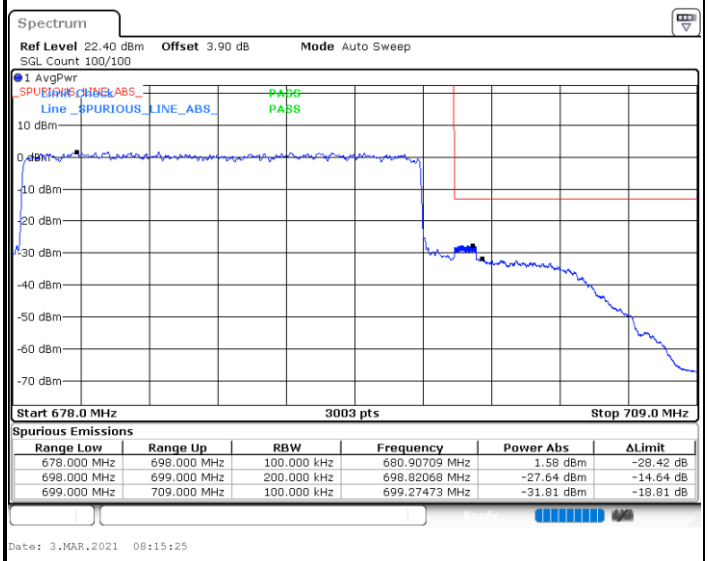
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-39.51 dBm	-26.51 dB
662.000 MHz	663.000 MHz	200.000 kHz	662.97253 MHz	-31.82 dBm	-18.82 dB
663.000 MHz	683.000 MHz	100.000 kHz	667.08591 MHz	1.86 dBm	-28.14 dB

Date: 3.MAR.2021 08:13:25

Channel Power < -13dBm Pass

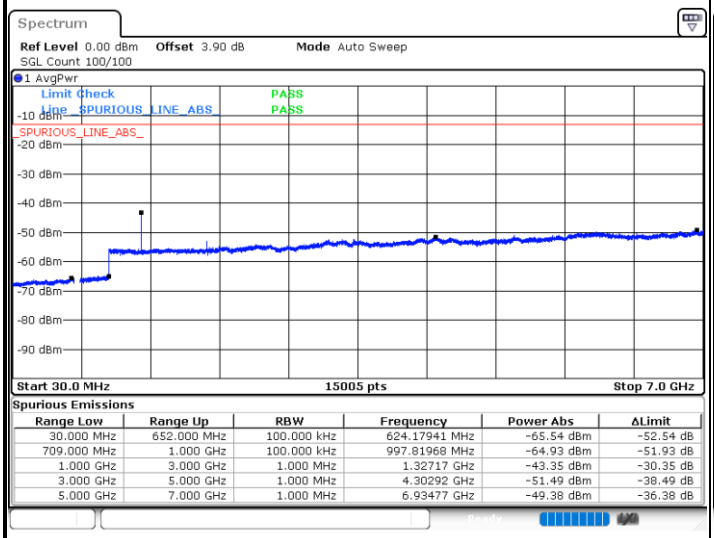
/

FR1 n71 / 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 n71 / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	624.17941 MHz	-65.54 dBm	-52.54 dB
709.000 MHz	1.000 GHz	100.000 kHz	997.81968 MHz	-64.93 dBm	-51.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-43.35 dBm	-30.35 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30292 GHz	-51.49 dBm	-38.49 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93477 GHz	-49.38 dBm	-36.38 dB

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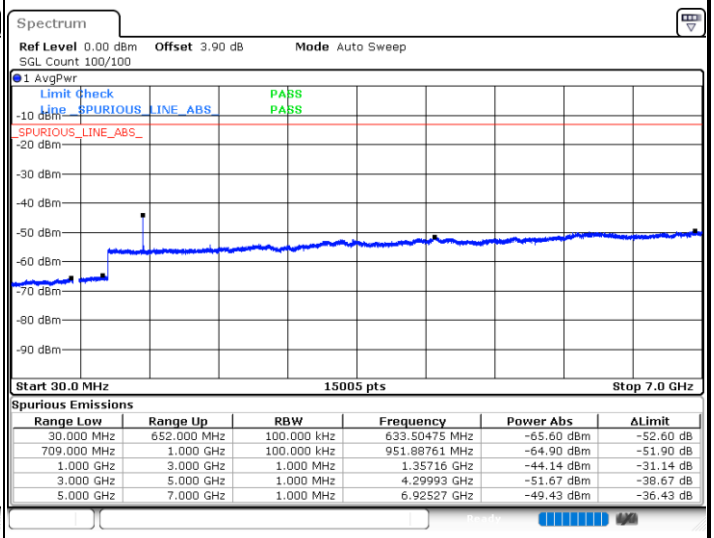
Middle Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.50475 MHz	-65.60 dBm	-52.60 dB
709.000 MHz	1.000 GHz	100.000 kHz	951.88761 MHz	-64.90 dBm	-51.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-44.14 dBm	-31.14 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29993 GHz	-51.67 dBm	-38.67 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92527 GHz	-49.43 dBm	-36.43 dB

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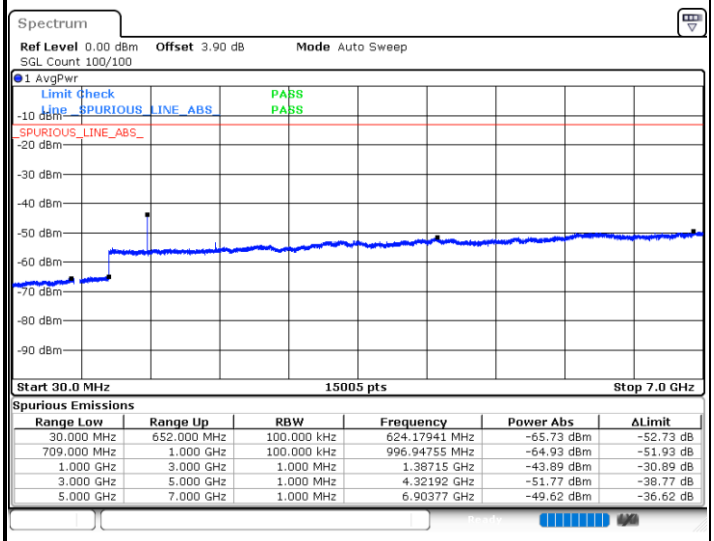
Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	624.17941 MHz	-65.73 dBm	-52.73 dB
709.000 MHz	1.000 GHz	100.000 kHz	996.94755 MHz	-64.93 dBm	-51.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-43.89 dBm	-30.89 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32192 GHz	-51.77 dBm	-38.77 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90377 GHz	-49.62 dBm	-36.62 dB

Date: 3.MAR.2021 07:34:15