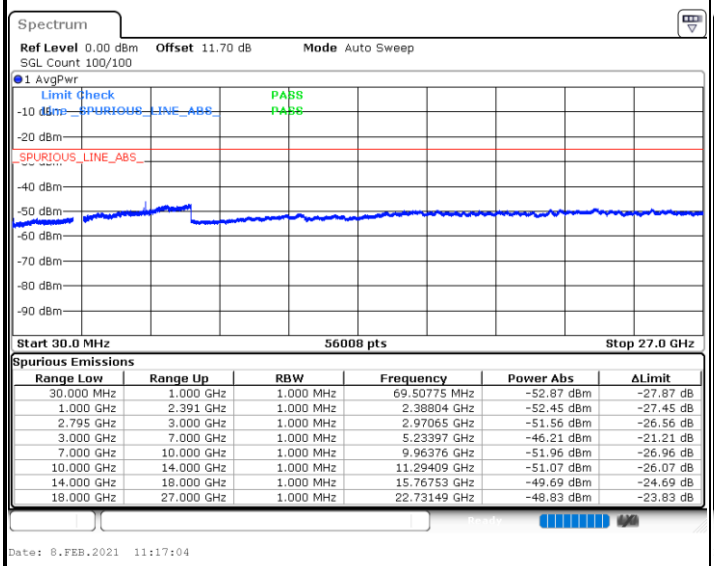
FR1 n41+2A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

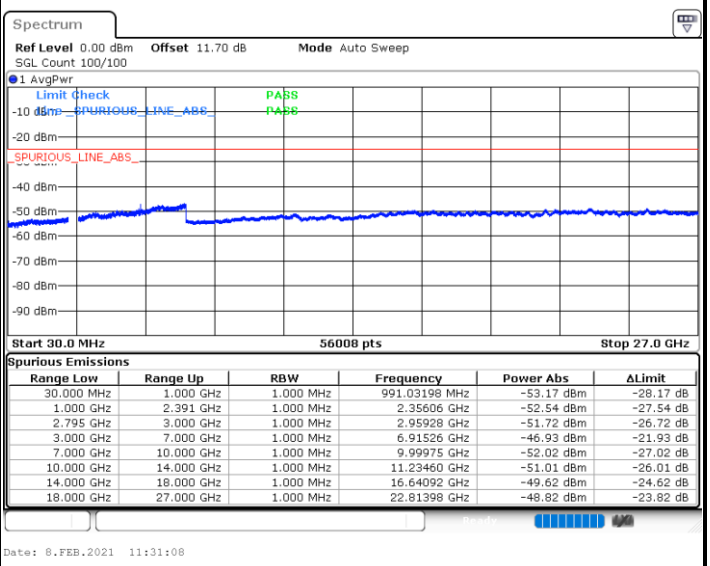


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	69.50775 MHz	-52.87 dBm	-27.87 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.38804 GHz	-52.45 dBm	-27.45 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97065 GHz	-51.56 dBm	-26.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.23397 GHz	-46.21 dBm	-21.21 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96376 GHz	-51.96 dBm	-26.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.29409 GHz	-51.07 dBm	-26.07 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76753 GHz	-49.69 dBm	-24.69 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.73149 GHz	-48.83 dBm	-23.83 dB

Date: 8.FEB.2021 11:17:04

Middle Channel / 1RB

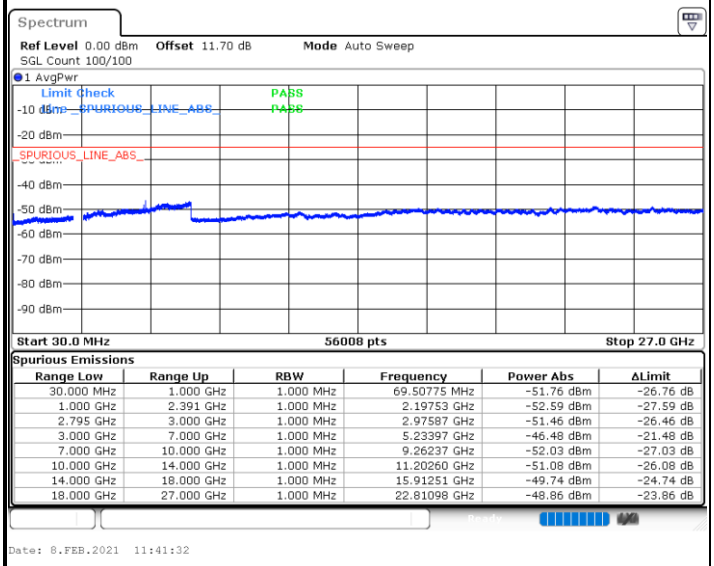


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.03198 MHz	-53.17 dBm	-28.17 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.35606 GHz	-52.54 dBm	-27.54 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95928 GHz	-51.72 dBm	-26.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91526 GHz	-46.93 dBm	-21.93 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99975 GHz	-52.02 dBm	-27.02 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.23460 GHz	-51.01 dBm	-26.01 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64092 GHz	-49.62 dBm	-24.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.81398 GHz	-48.82 dBm	-23.82 dB

Date: 8.FEB.2021 11:31:08

Highest Channel / 1RB



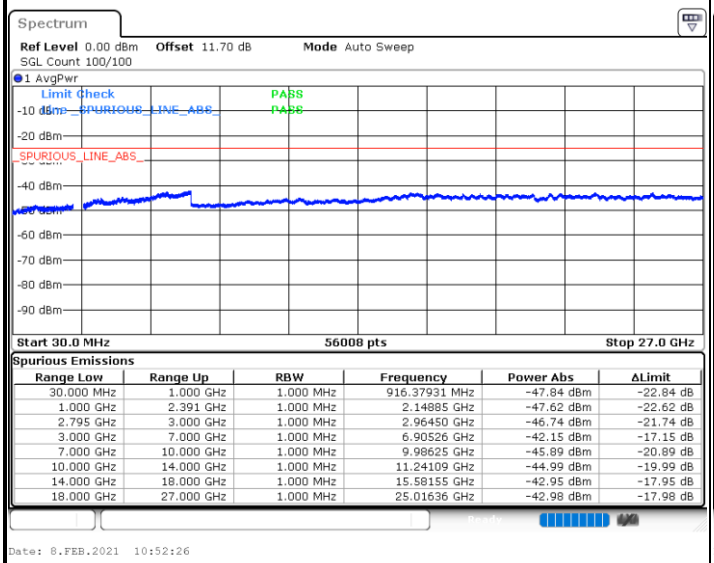
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	69.50775 MHz	-51.76 dBm	-26.76 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.19753 GHz	-52.59 dBm	-27.59 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97587 GHz	-51.46 dBm	-26.46 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.23397 GHz	-46.48 dBm	-21.48 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.26237 GHz	-52.03 dBm	-27.03 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.20260 GHz	-51.08 dBm	-26.08 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.91251 GHz	-49.74 dBm	-24.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.81098 GHz	-48.86 dBm	-23.86 dB

Date: 8.FEB.2021 11:41:32

FR1 n41+2A / 50MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

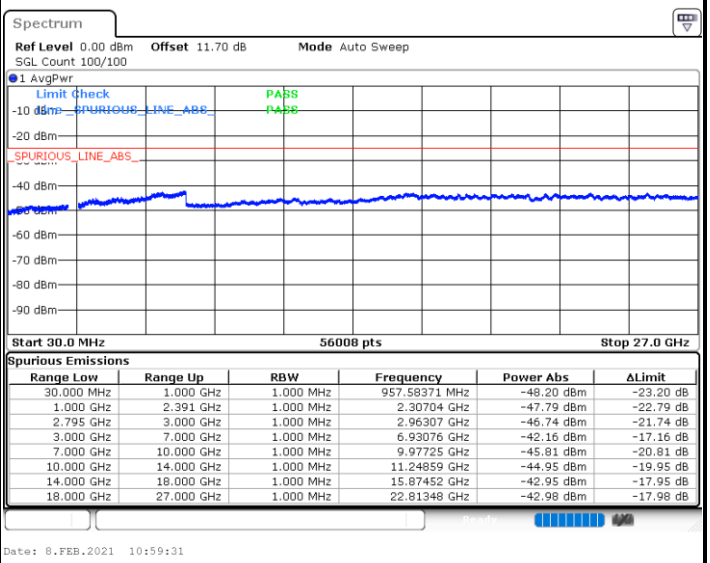


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-47.84 dBm	-22.84 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.14885 GHz	-47.62 dBm	-22.62 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96450 GHz	-46.74 dBm	-21.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90526 GHz	-42.15 dBm	-17.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.98625 GHz	-45.89 dBm	-20.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.24109 GHz	-44.99 dBm	-19.99 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.58155 GHz	-42.95 dBm	-17.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.01636 GHz	-42.98 dBm	-17.98 dB

Date: 8.FEB.2021 10:52:26

Middle Channel / 1RB

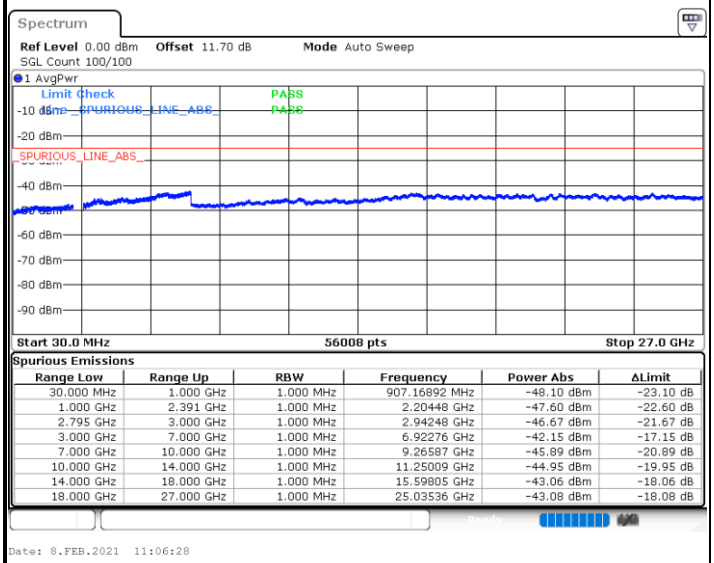


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.58371 MHz	-48.20 dBm	-23.20 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.30704 GHz	-47.79 dBm	-22.79 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96307 GHz	-46.74 dBm	-21.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93076 GHz	-42.16 dBm	-17.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97725 GHz	-45.81 dBm	-20.81 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.24859 GHz	-44.95 dBm	-19.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.87452 GHz	-42.95 dBm	-17.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.81348 GHz	-42.98 dBm	-17.98 dB

Date: 8.FEB.2021 10:59:31

Highest Channel / 1RB



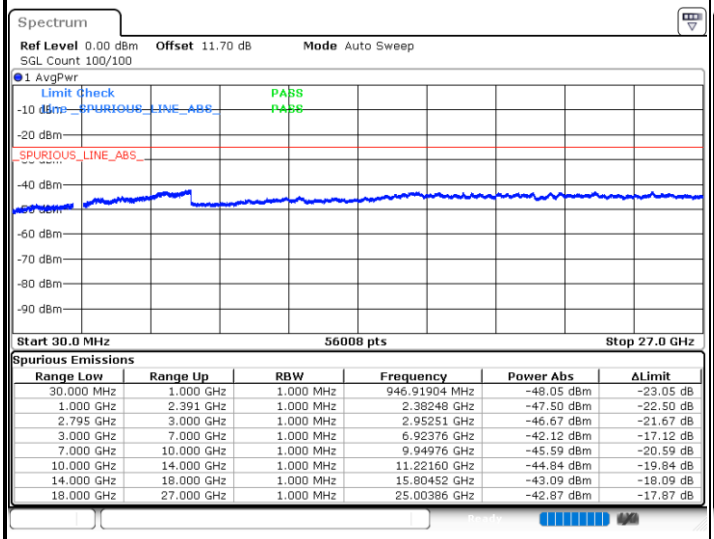
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	907.16892 MHz	-48.10 dBm	-23.10 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.20448 GHz	-47.60 dBm	-22.60 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.94248 GHz	-46.67 dBm	-21.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92276 GHz	-42.15 dBm	-17.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.26587 GHz	-45.89 dBm	-20.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.25009 GHz	-44.95 dBm	-19.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.59805 GHz	-43.06 dBm	-18.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.03536 GHz	-43.08 dBm	-18.08 dB

Date: 8.FEB.2021 11:06:28

FR1 n41+2A / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

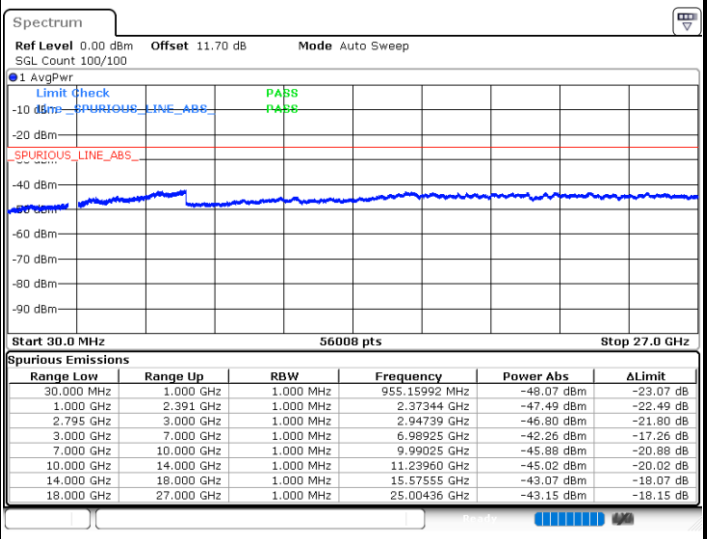


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-48.05 dBm	-23.05 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.38248 GHz	-47.50 dBm	-22.50 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95251 GHz	-46.67 dBm	-21.67 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92376 GHz	-42.12 dBm	-17.12 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94976 GHz	-45.59 dBm	-20.59 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.22160 GHz	-44.84 dBm	-19.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.80452 GHz	-43.09 dBm	-18.09 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.00386 GHz	-42.87 dBm	-17.87 dB

Date: 8.FEB.2021 10:54:04

Middle Channel / 1RB

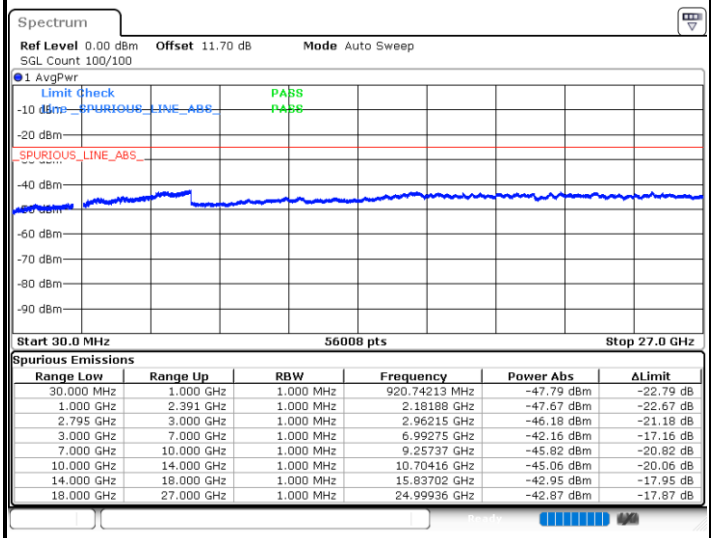


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-48.07 dBm	-23.07 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.37344 GHz	-47.49 dBm	-22.49 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.94739 GHz	-46.80 dBm	-21.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-42.26 dBm	-17.26 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99025 GHz	-45.88 dBm	-20.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.23960 GHz	-45.02 dBm	-20.02 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.57555 GHz	-43.07 dBm	-18.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.00436 GHz	-43.15 dBm	-18.15 dB

Date: 8.FEB.2021 11:04:34

Highest Channel / 1RB



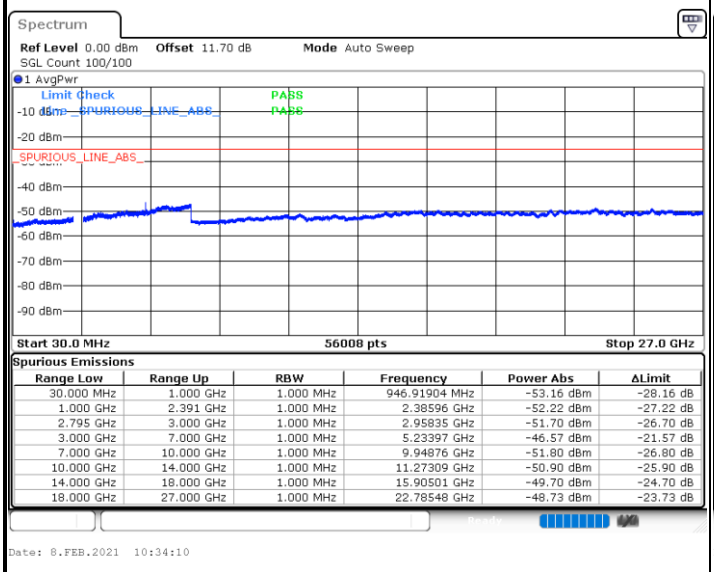
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.74213 MHz	-47.79 dBm	-22.79 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18188 GHz	-47.67 dBm	-22.67 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96215 GHz	-46.18 dBm	-21.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.16 dBm	-17.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.25737 GHz	-45.82 dBm	-20.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	10.70416 GHz	-45.06 dBm	-20.06 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.83702 GHz	-42.95 dBm	-17.95 dB
18.000 GHz	27.000 GHz	1.000 MHz	24.99936 GHz	-42.87 dBm	-17.87 dB

Date: 8.FEB.2021 11:07:37

FR1 n41+2A / 100MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

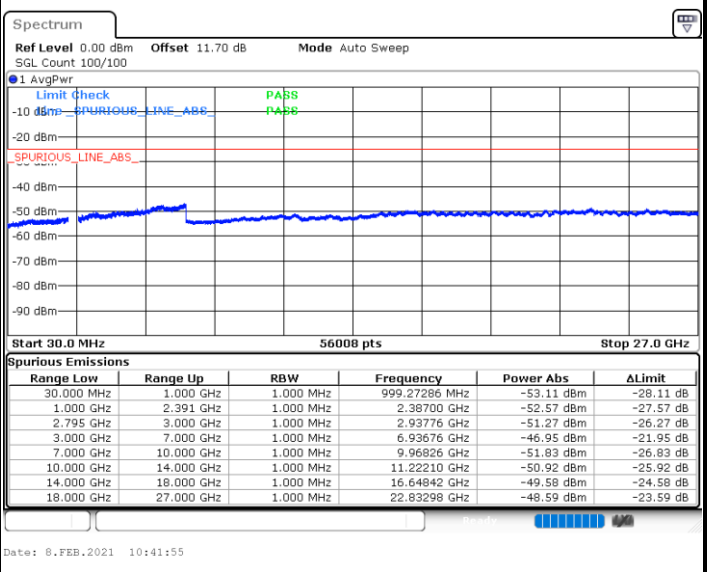


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	946.91904 MHz	-53.16 dBm	-28.16 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.38596 GHz	-52.22 dBm	-27.22 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95835 GHz	-51.70 dBm	-26.70 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.23397 GHz	-46.57 dBm	-21.57 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94876 GHz	-51.80 dBm	-26.80 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.27309 GHz	-50.90 dBm	-25.90 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.90501 GHz	-49.70 dBm	-24.70 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.78548 GHz	-48.73 dBm	-23.73 dB

Date: 8.FEB.2021 10:34:10

Middle Channel / 1RB

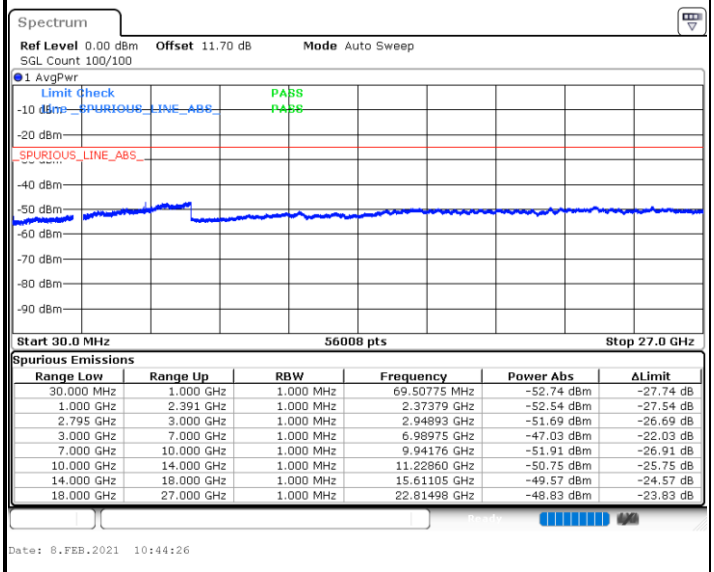


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-53.11 dBm	-28.11 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.38700 GHz	-52.57 dBm	-27.57 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.93776 GHz	-51.27 dBm	-26.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93676 GHz	-46.95 dBm	-21.95 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.96826 GHz	-51.83 dBm	-26.83 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.22210 GHz	-50.92 dBm	-25.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.64842 GHz	-49.58 dBm	-24.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.83298 GHz	-48.59 dBm	-23.59 dB

Date: 8.FEB.2021 10:41:55

Highest Channel / 1RB



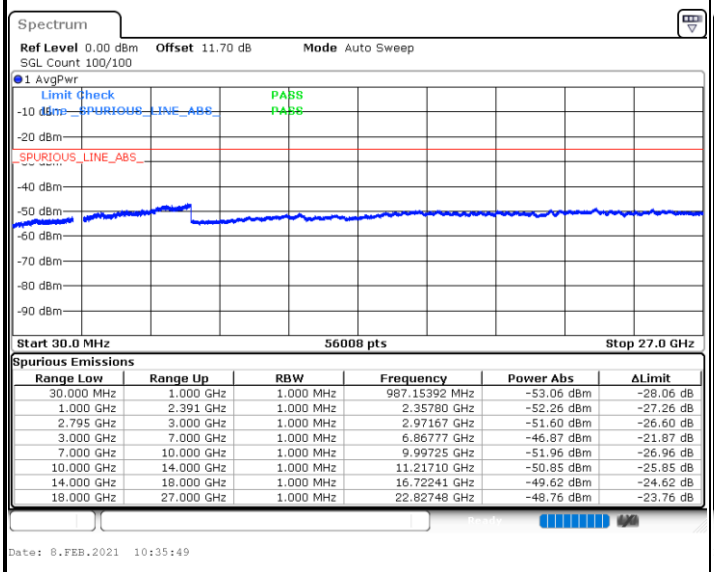
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	69.50775 MHz	-52.74 dBm	-27.74 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.37379 GHz	-52.54 dBm	-27.54 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.94893 GHz	-51.69 dBm	-26.69 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-47.03 dBm	-22.03 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94176 GHz	-51.91 dBm	-26.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.22860 GHz	-50.75 dBm	-25.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.61105 GHz	-49.57 dBm	-24.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.81498 GHz	-48.83 dBm	-23.83 dB

Date: 8.FEB.2021 10:44:26

FR1 n41+2A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

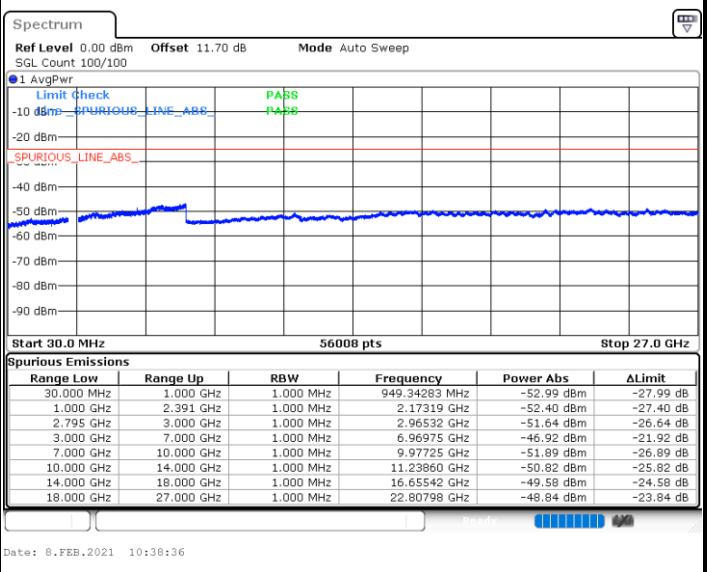


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	987.15392 MHz	-53.06 dBm	-28.06 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.35780 GHz	-52.26 dBm	-27.26 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97167 GHz	-51.60 dBm	-26.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86777 GHz	-46.87 dBm	-21.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99725 GHz	-51.96 dBm	-26.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.21710 GHz	-50.85 dBm	-25.85 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.72241 GHz	-49.62 dBm	-24.62 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.82748 GHz	-48.76 dBm	-23.76 dB

Date: 8.FEB.2021 10:35:49

Middle Channel / 1RB

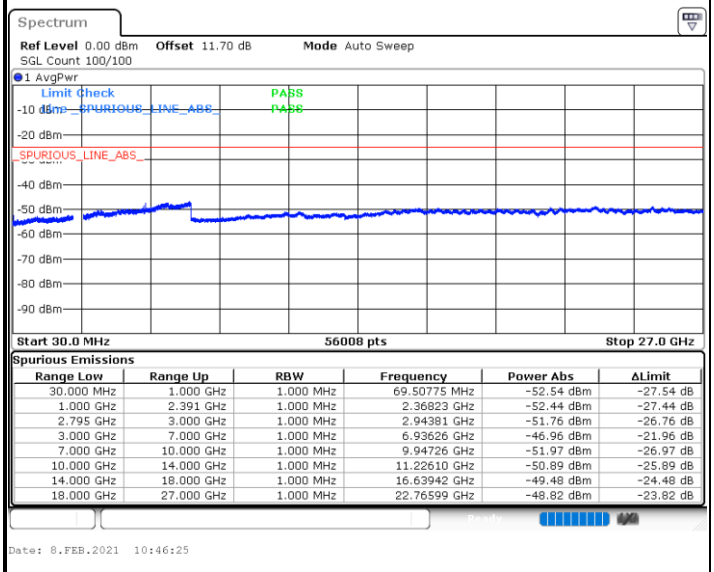


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	949.34283 MHz	-52.99 dBm	-27.99 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.17319 GHz	-52.40 dBm	-27.40 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96532 GHz	-51.64 dBm	-26.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96975 GHz	-46.92 dBm	-21.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.97725 GHz	-51.89 dBm	-26.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.23860 GHz	-50.82 dBm	-25.82 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.65542 GHz	-49.58 dBm	-24.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.80798 GHz	-48.84 dBm	-23.84 dB

Date: 8.FEB.2021 10:38:36

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	69.50775 MHz	-52.54 dBm	-27.54 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.36823 GHz	-52.44 dBm	-27.44 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.94381 GHz	-51.76 dBm	-26.76 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93626 GHz	-46.96 dBm	-21.96 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.94726 GHz	-51.97 dBm	-26.97 dB
10.000 GHz	14.000 GHz	1.000 MHz	11.22610 GHz	-50.89 dBm	-25.89 dB
14.000 GHz	18.000 GHz	1.000 MHz	16.63942 GHz	-49.48 dBm	-24.48 dB
18.000 GHz	27.000 GHz	1.000 MHz	22.76599 GHz	-48.82 dBm	-23.82 dB

Date: 8.FEB.2021 10:46:25

Frequency Stability

Test Conditions		NR n41+2A (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	0.0032	
20(Ref.)	Normal Voltage	0.0025	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0028	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0025	
20	Battery End Point	0.0021	

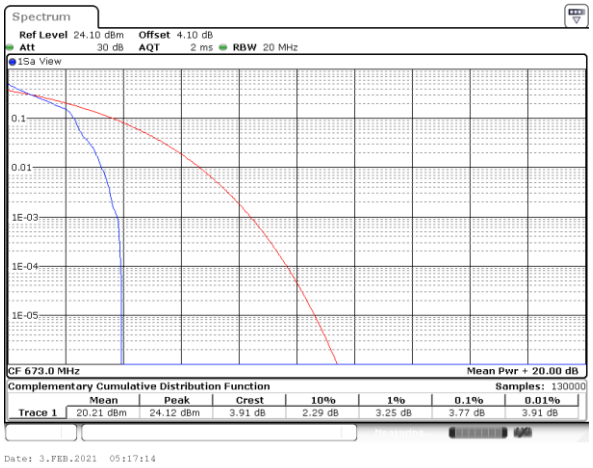
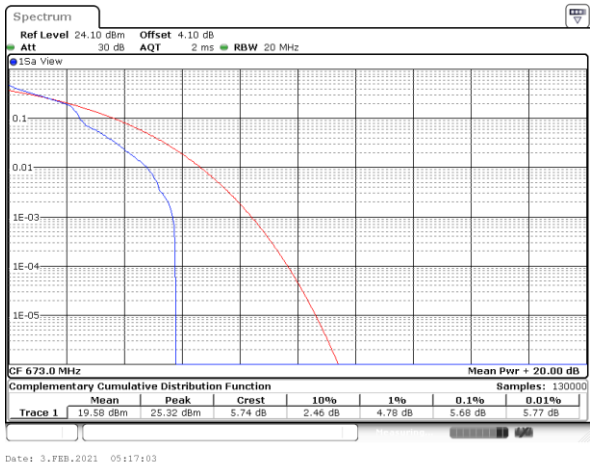
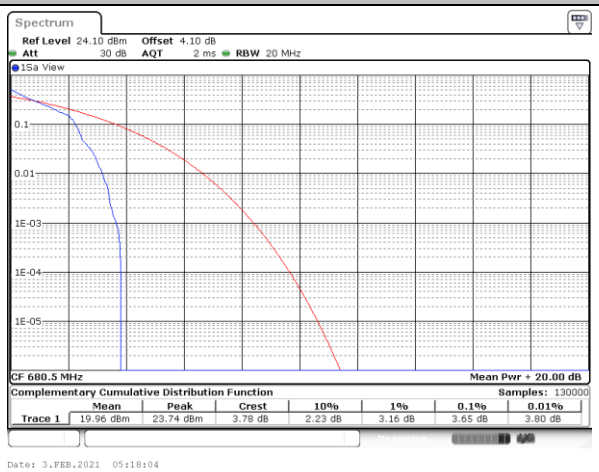
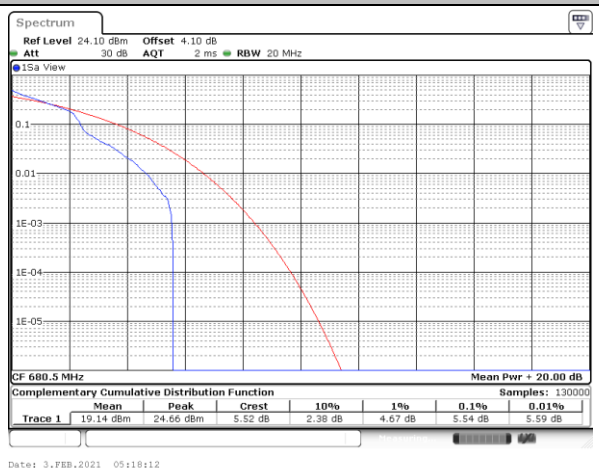
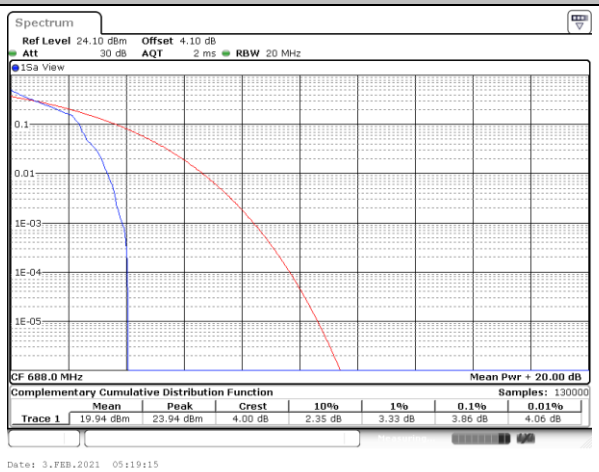
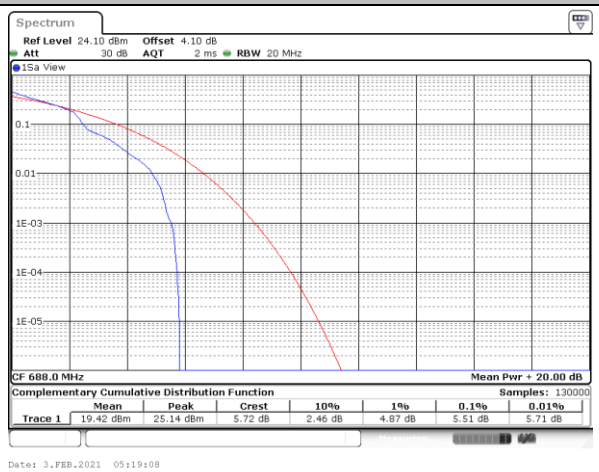
Note:

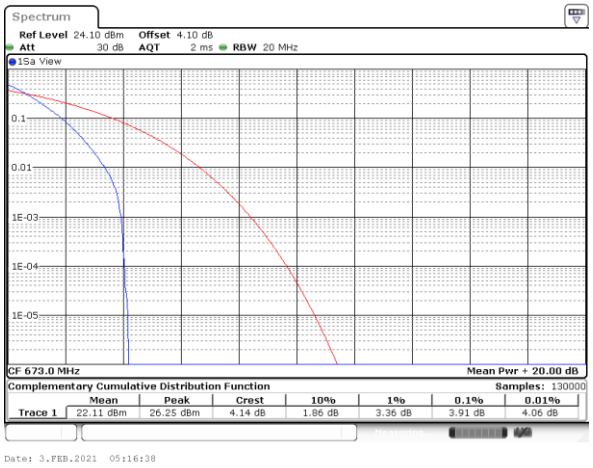
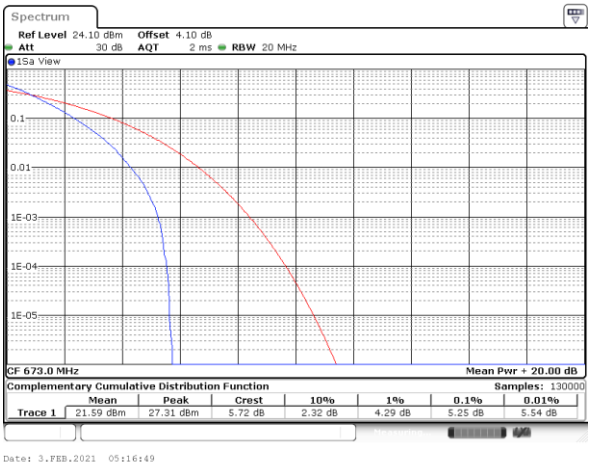
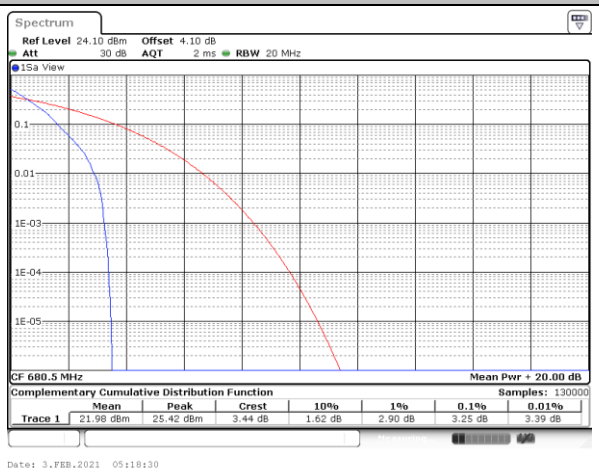
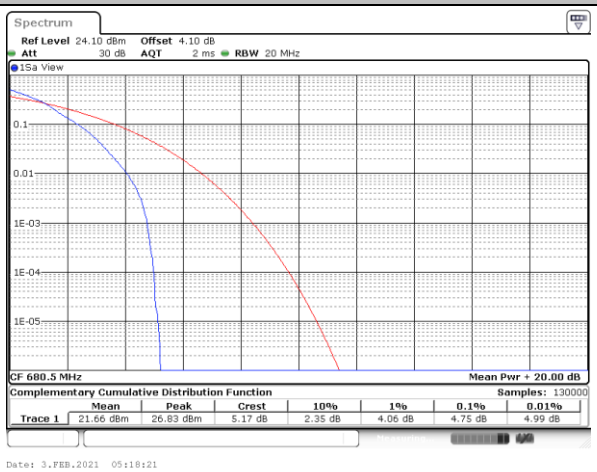
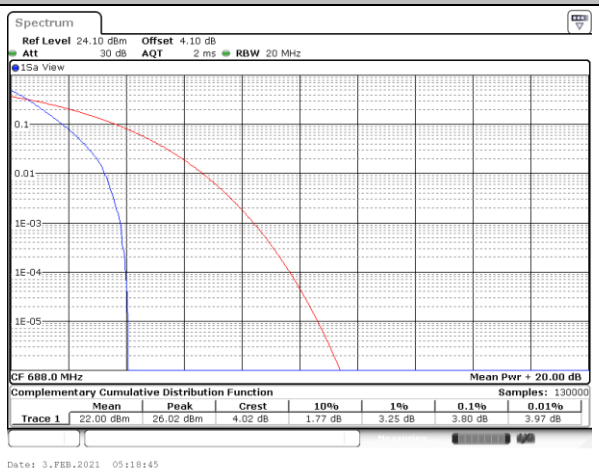
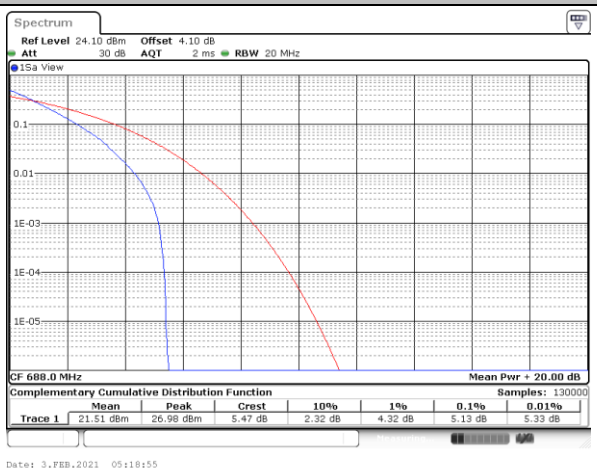
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.45 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n71 NSA

Peak-to-Average Ratio

Mode	FR1 n71+2A / 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	3.77	3.91	5.68	5.25	PASS
Middle CH	3.65	3.25	5.54	4.75	
Highest CH	3.86	3.80	5.51	5.13	

FR1 n71+2A / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / 1RB	**Lowest Channel / 1RB**
	
Middle Channel / 1 RB	**Middle Channel / 1 RB**
	
Highest Channel / 1 RB	**Highest Channel / 1 RB**
	

FR1 n71+2A / 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**
	

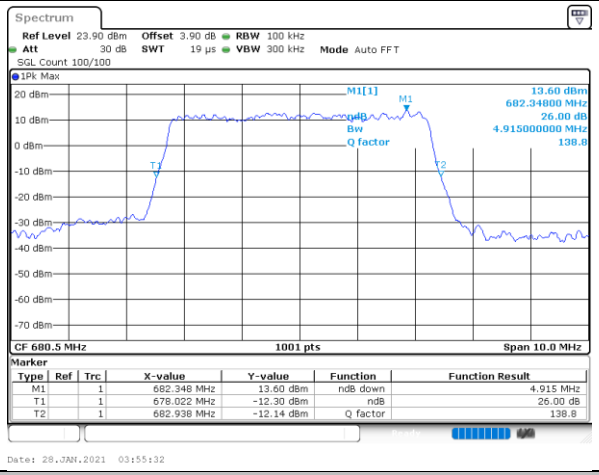
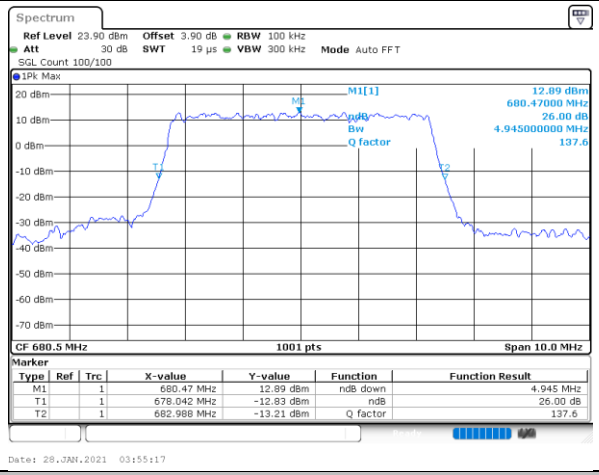
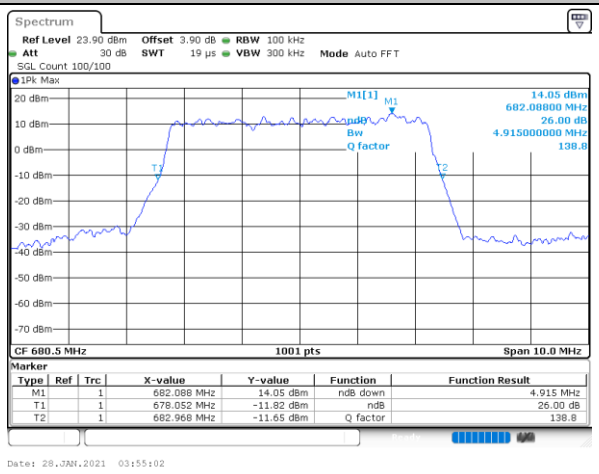
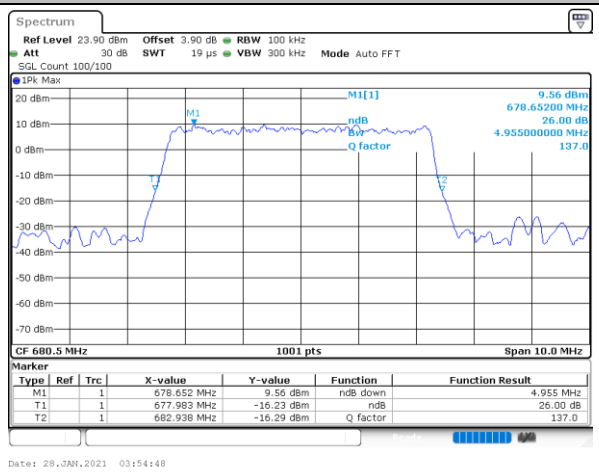
26dB Bandwidth

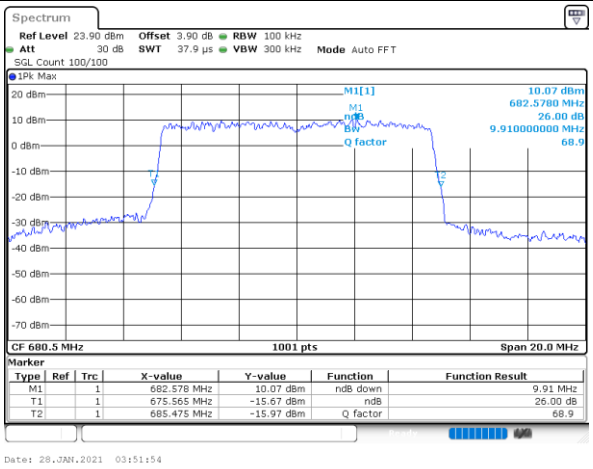
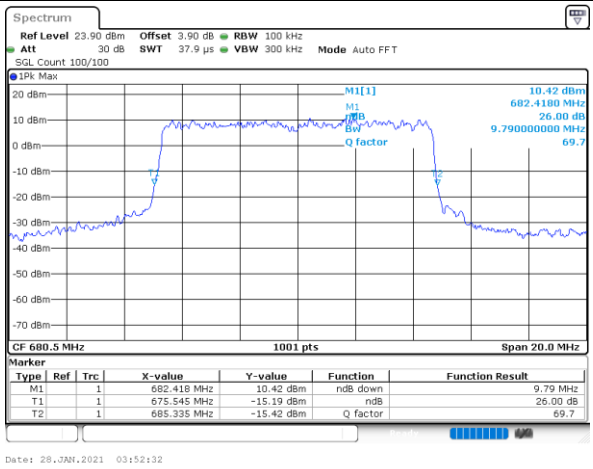
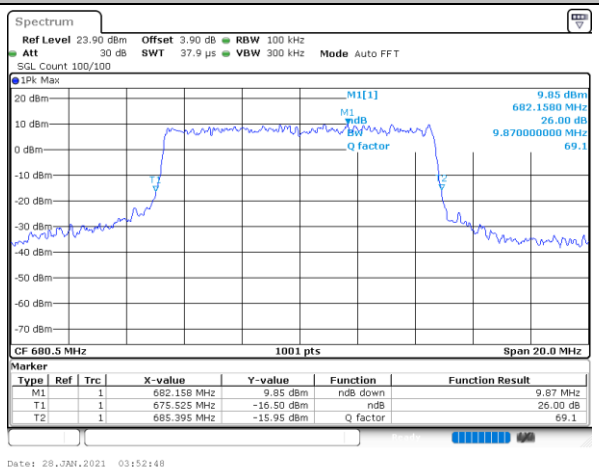
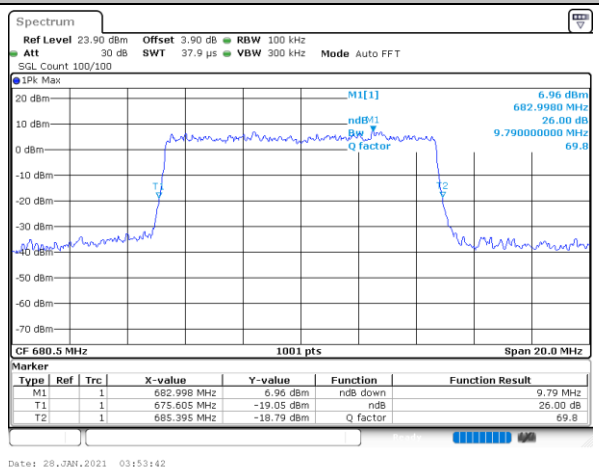
Mode	FR1 n71+2A : 26dB BW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.92	4.95	4.92	4.96				

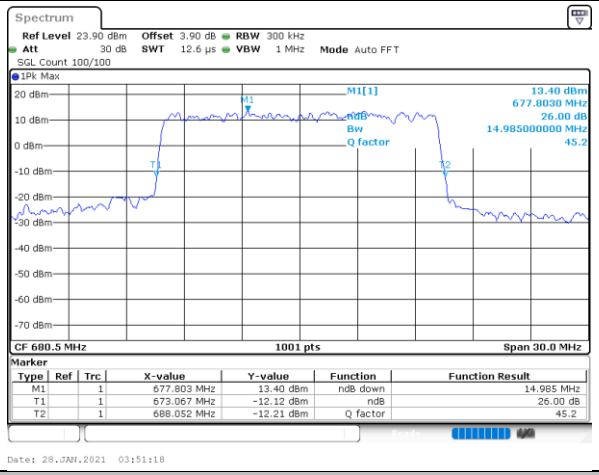
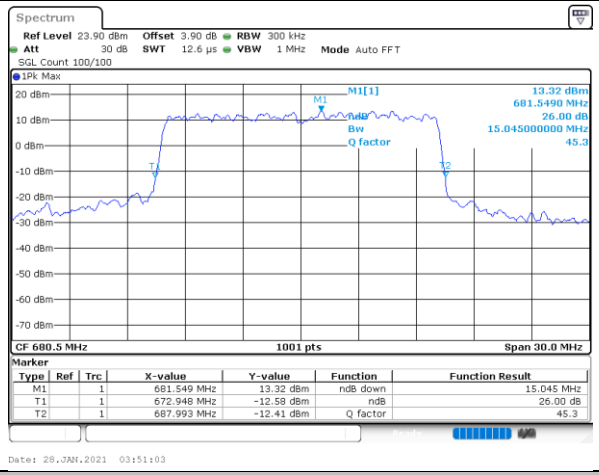
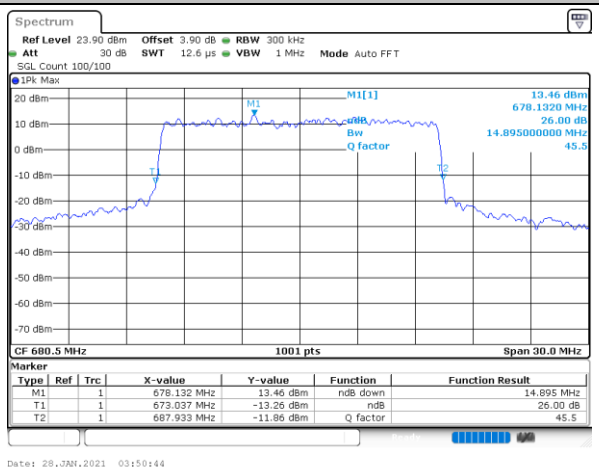
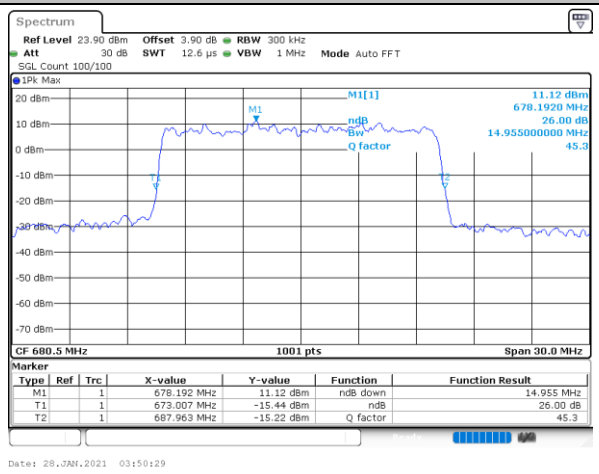
Mode	FR1 n71+2A : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.91	9.79	9.87	9.79				

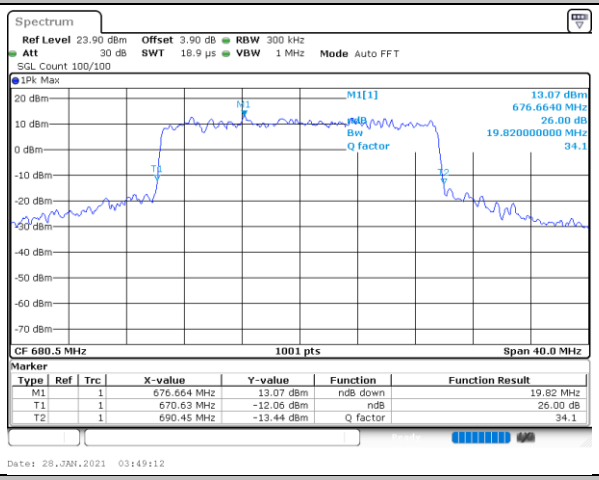
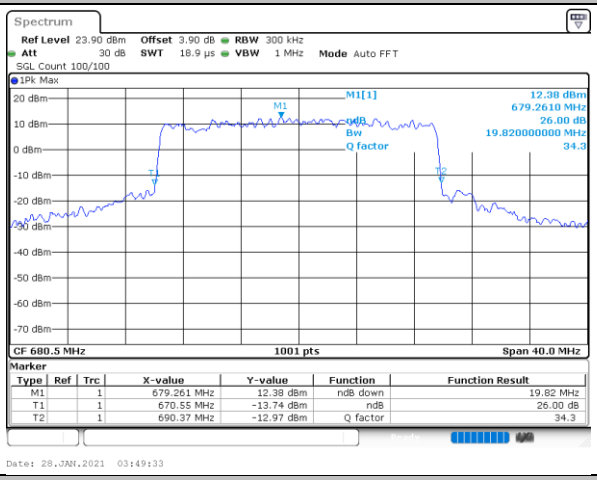
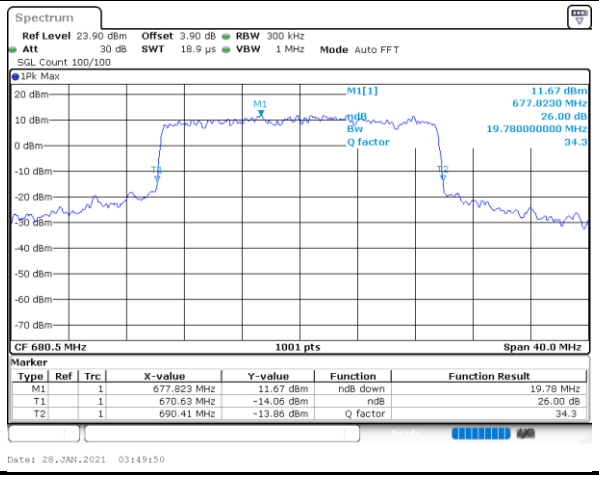
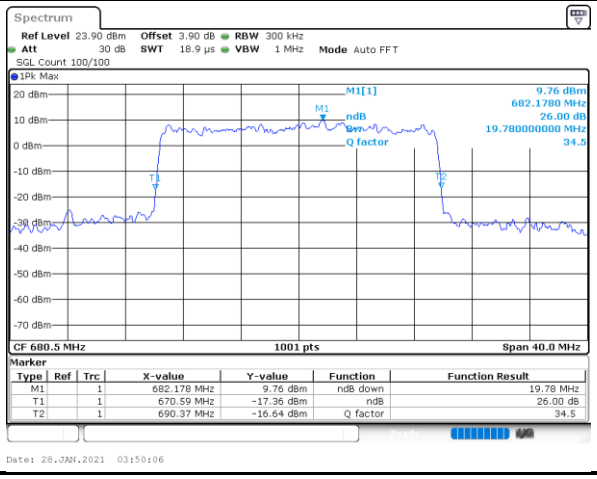
Mode	FR1 n71+2A : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.98	15.04	14.89	14.96				

Mode	FR1 n71+2A : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.82	19.82	19.78	19.78				

FR1 n71+2A / 5MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n71+2A / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n71+2A / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n71+2A / 20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

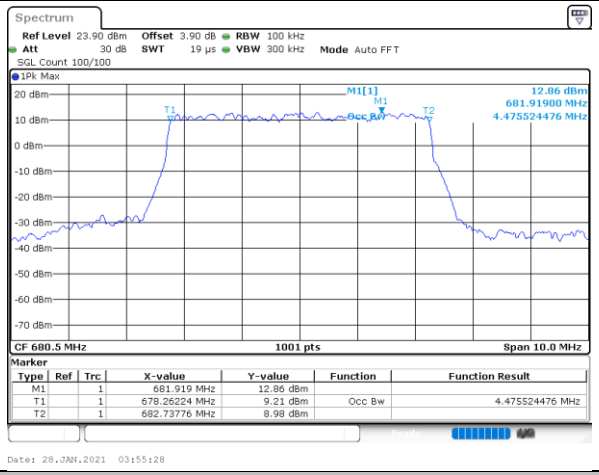
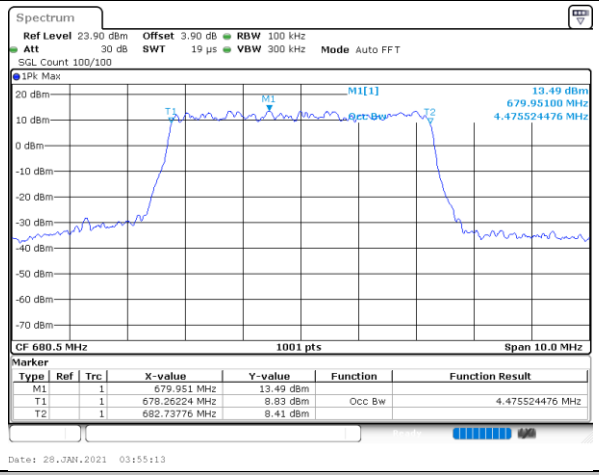
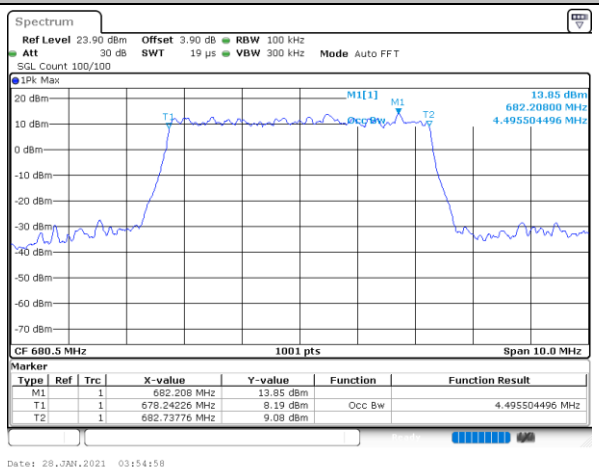
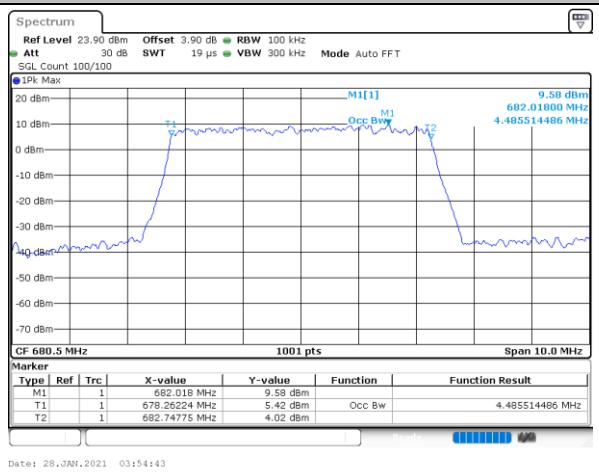
Occupied Bandwidth

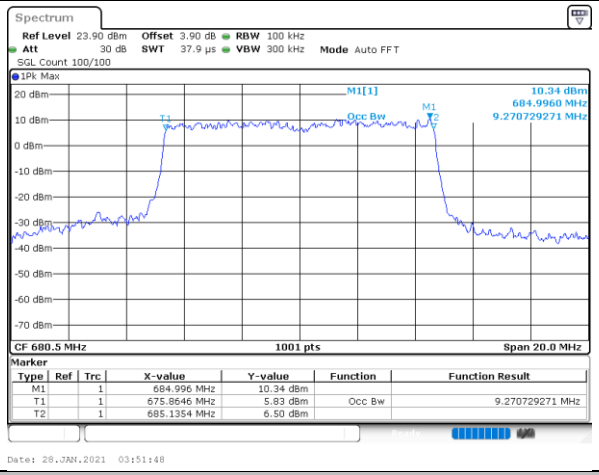
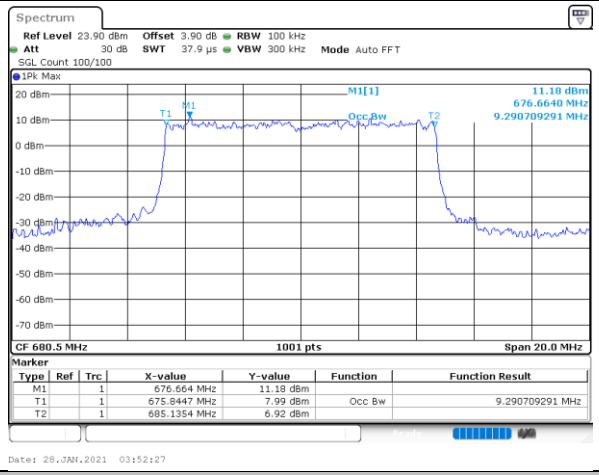
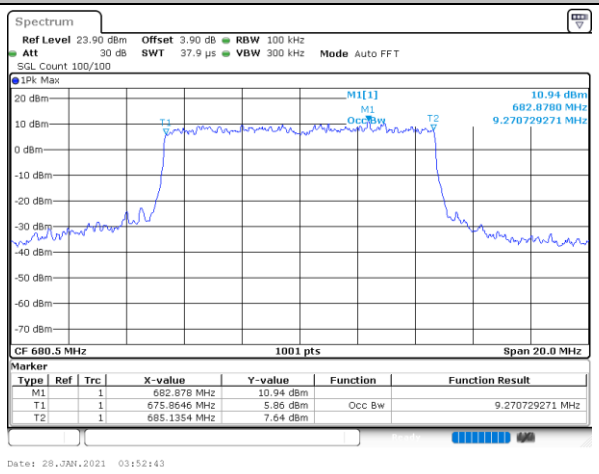
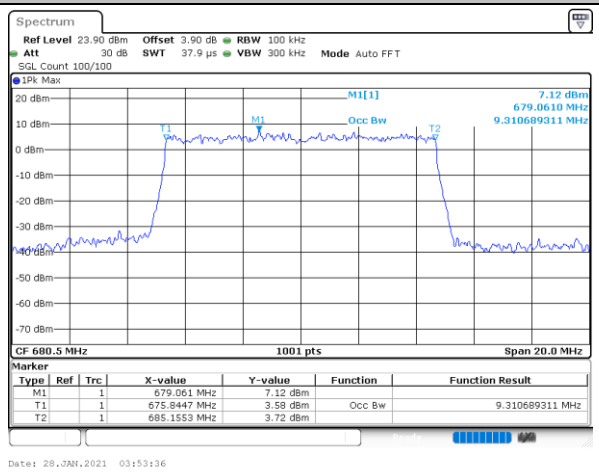
Mode	FR1 n71+2A : OBW(MHz) / CP-OFDM							
BW	5MHz	5MHz	5MHz	5MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	4.48	4.48	4.50	4.49				

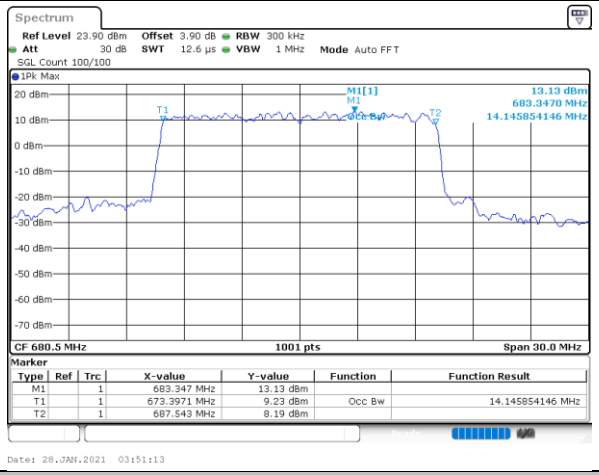
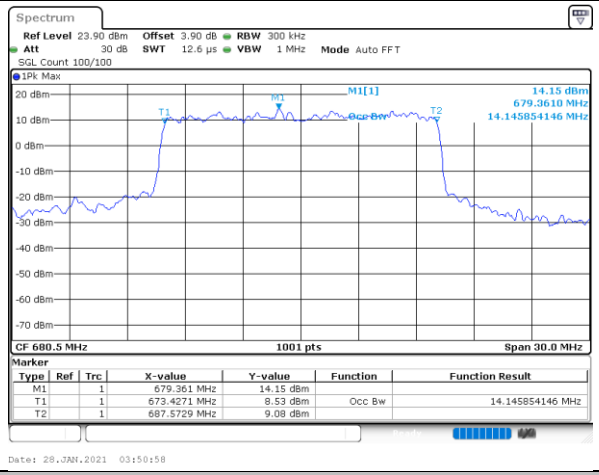
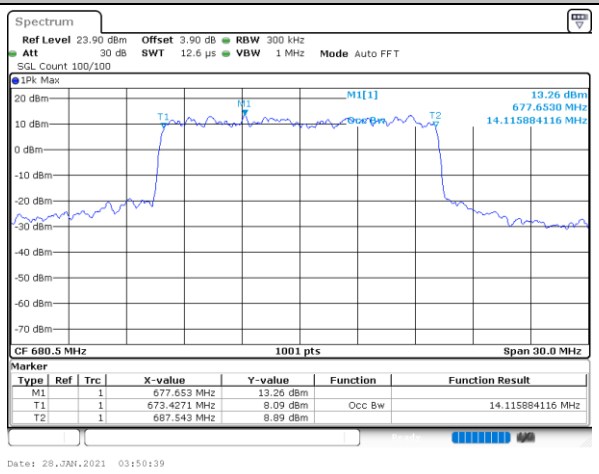
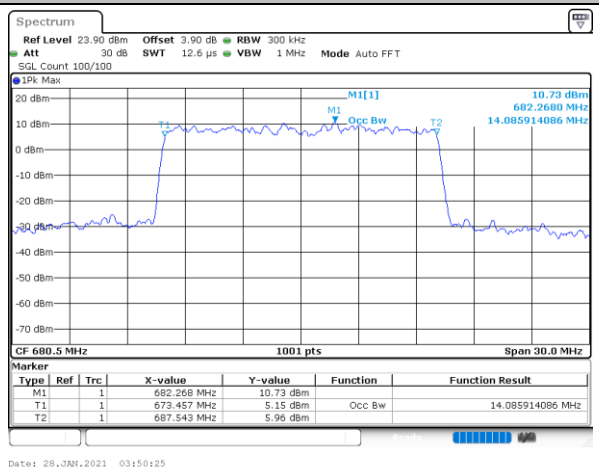
Mode	FR1 n71+2A : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.27	9.29	9.27	9.31				

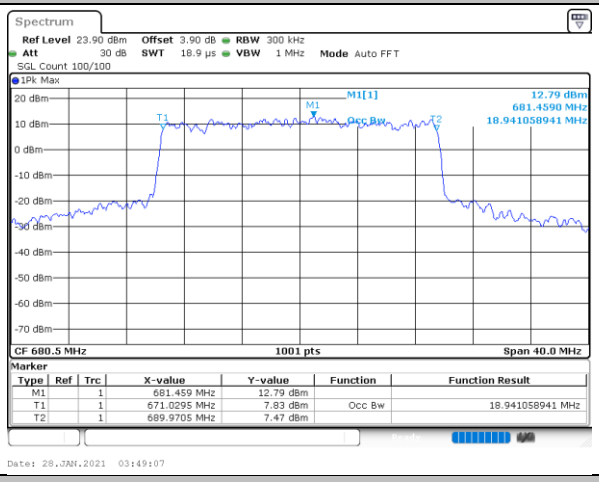
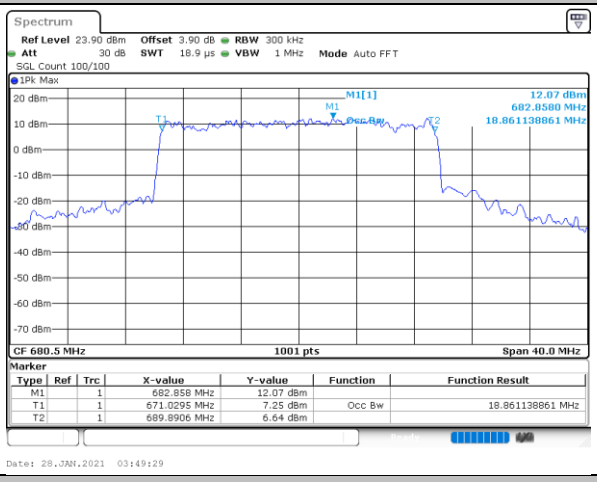
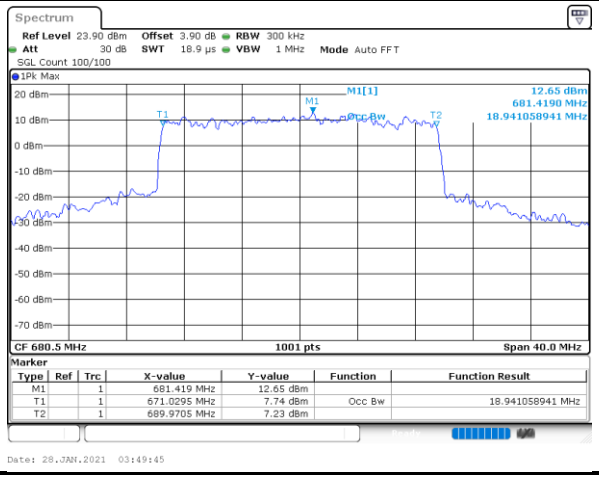
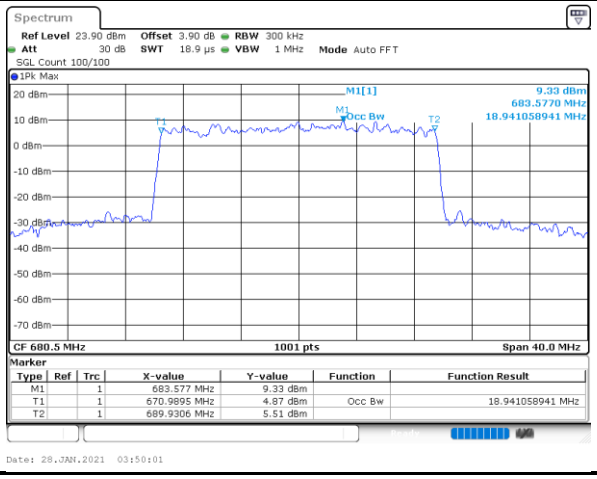
Mode	FR1 n71+2A : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.15	14.15	14.12	14.09				

Mode	FR1 n71+2A : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.94	18.86	18.94	18.94				

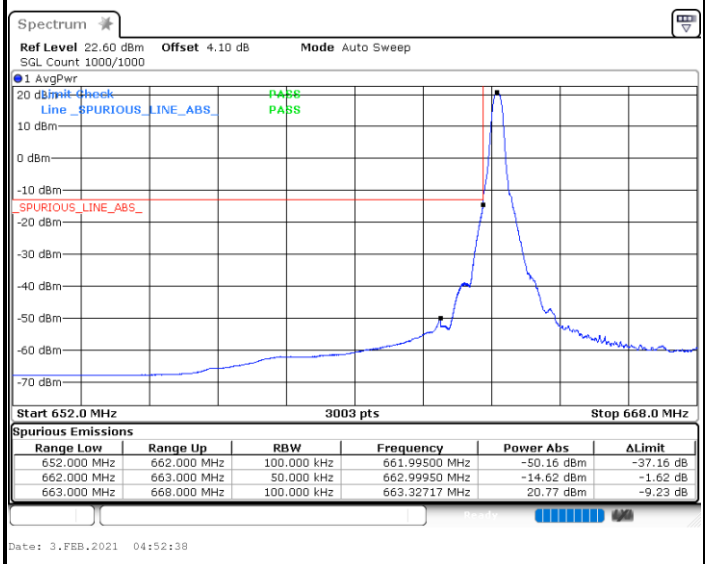
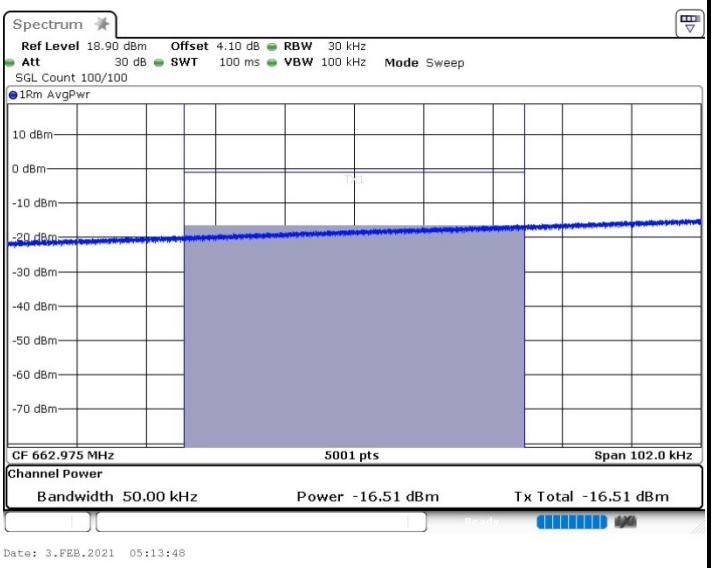
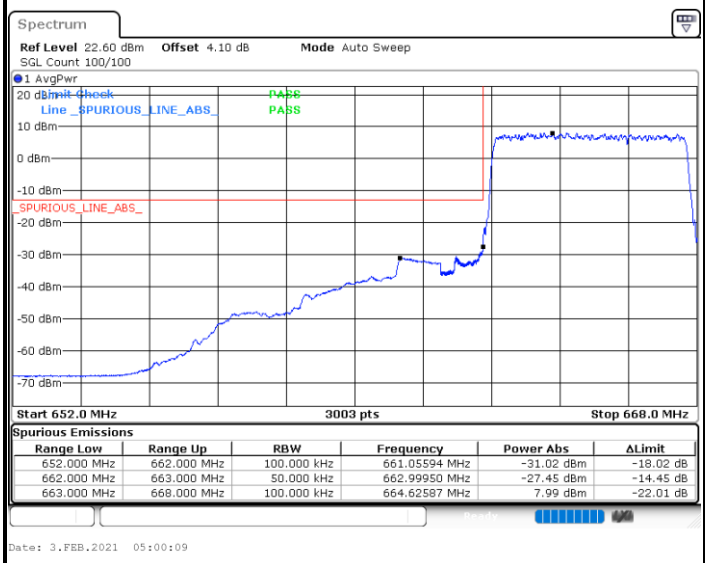
FR1 n71+2A / 5MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

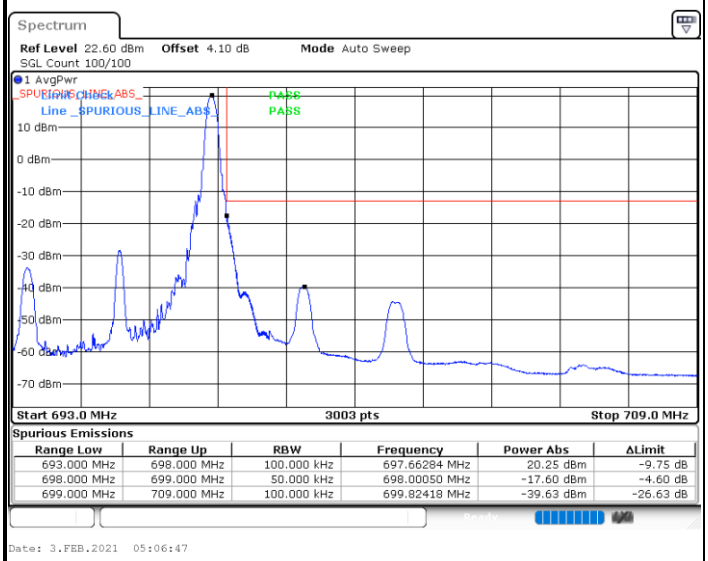
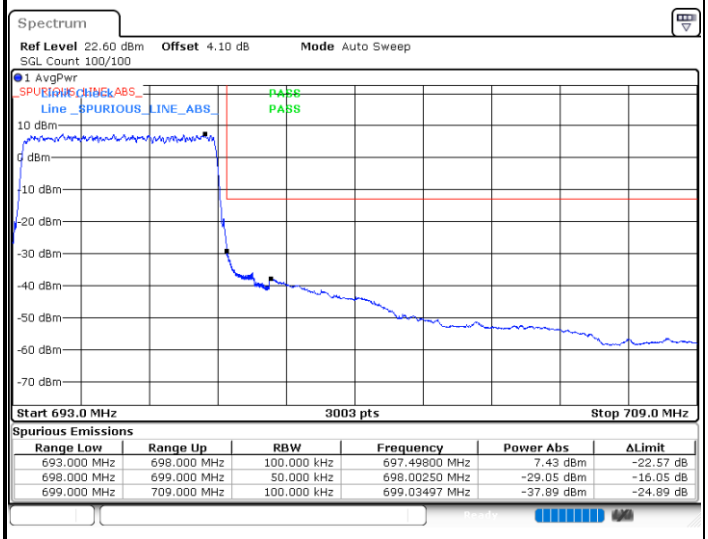
FR1 n71+2A / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

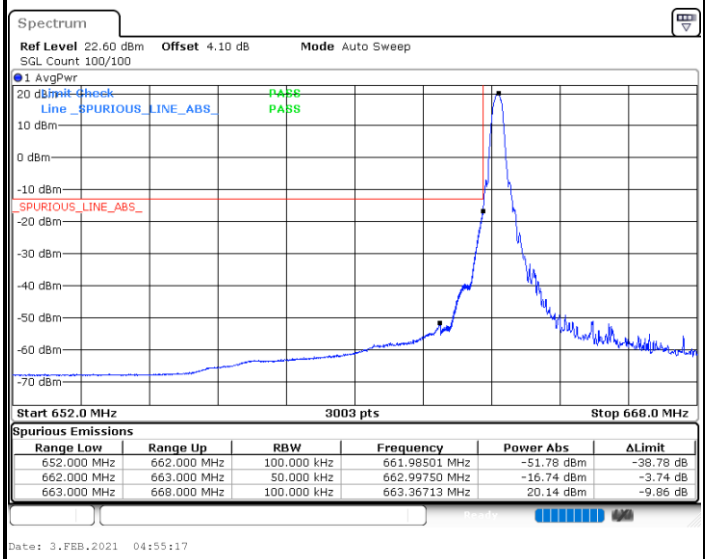
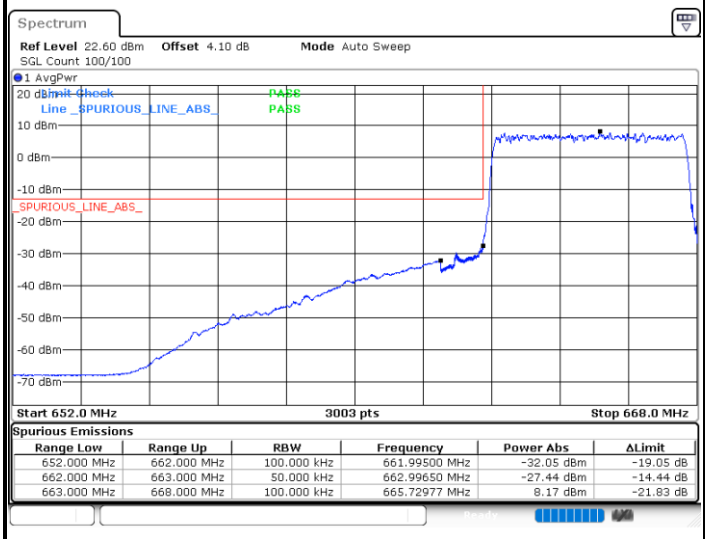
FR1 n71+2A / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

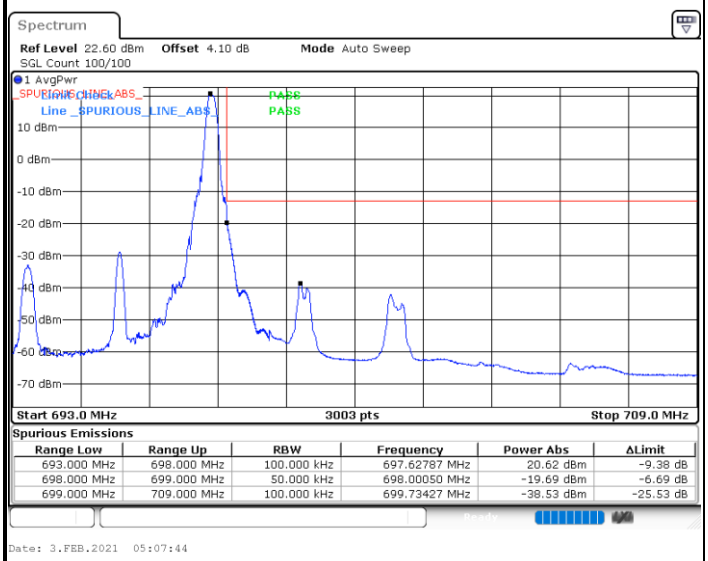
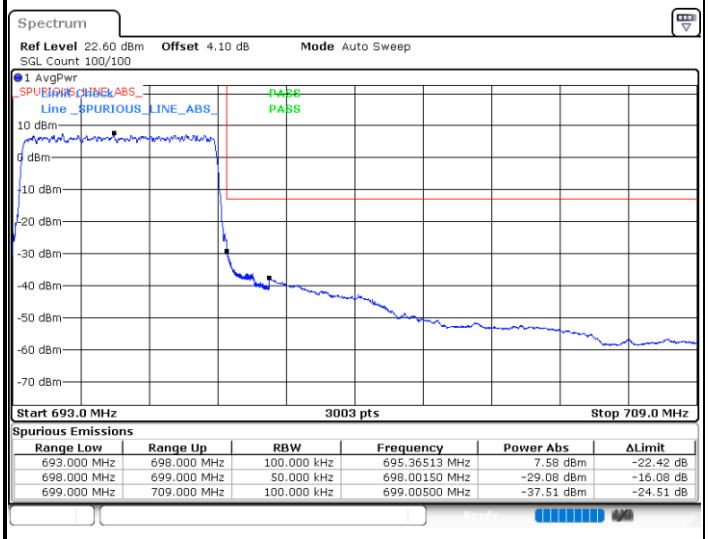
FR1 n71+2A / 20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

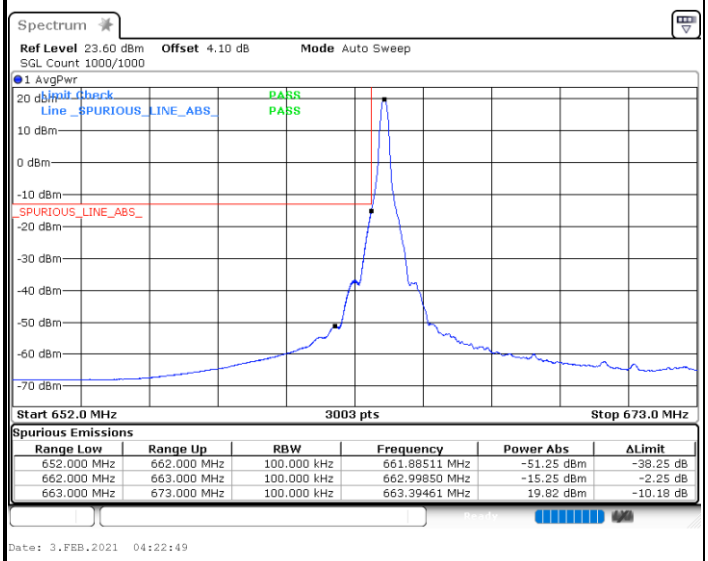
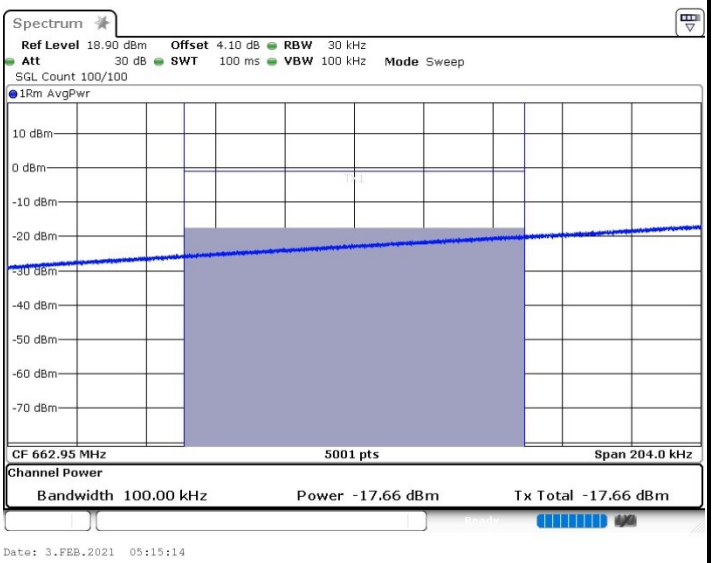
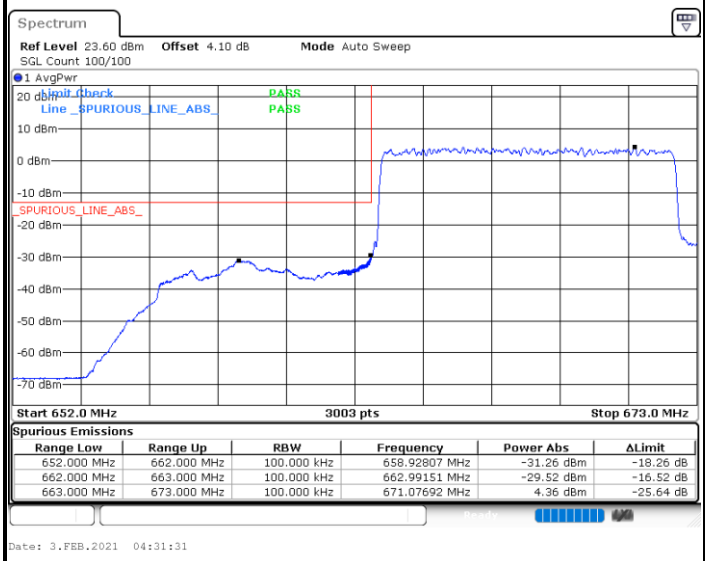
Conducted Band Edge

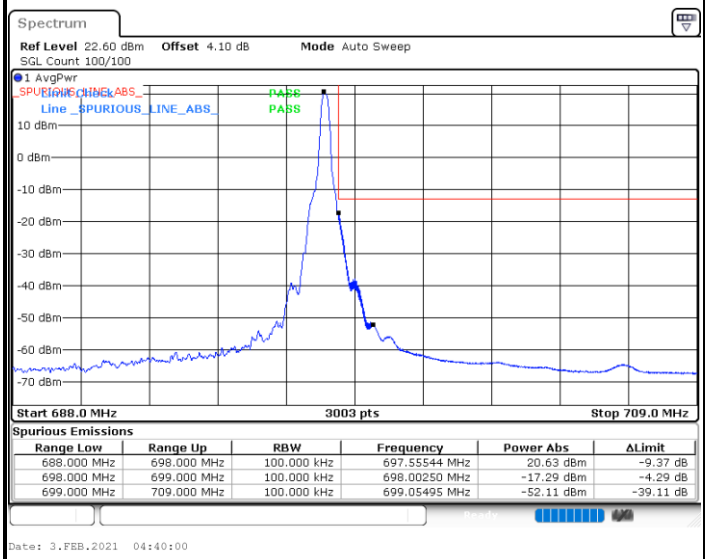
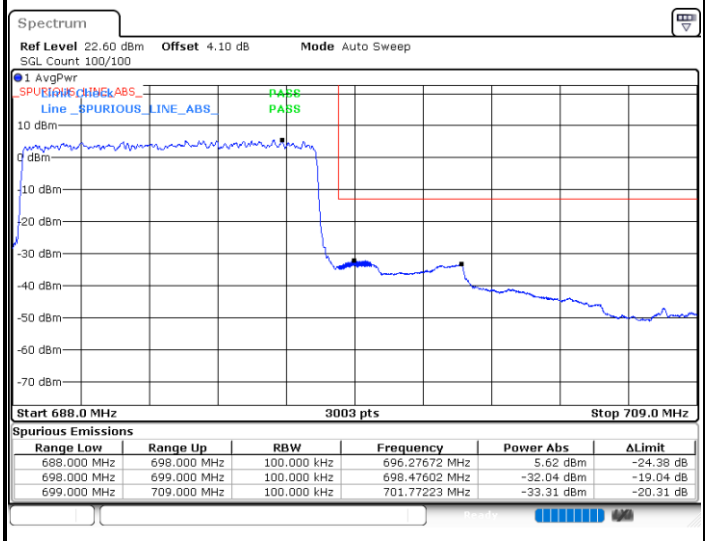
FR1 n71+2A / 5MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

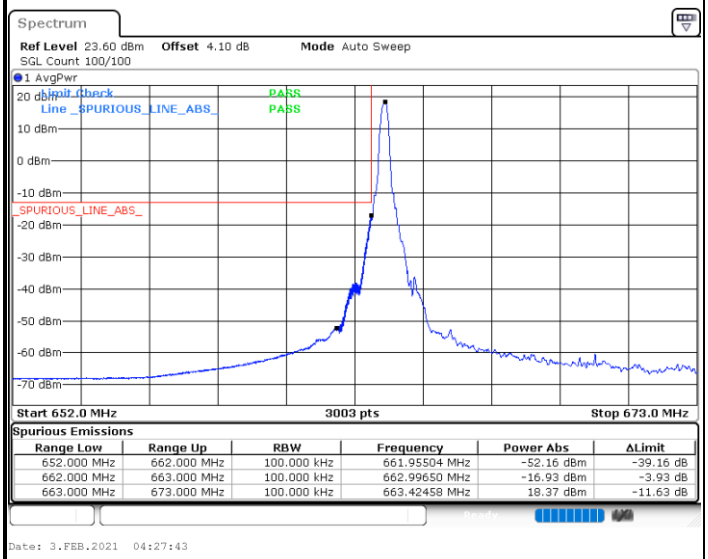
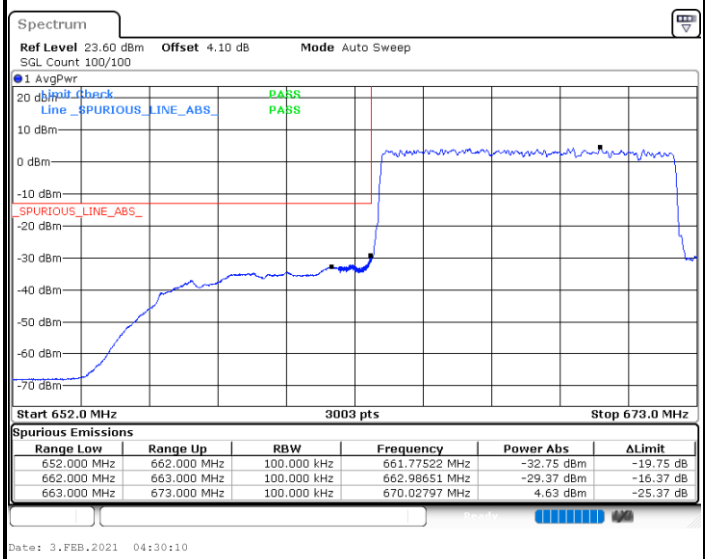
FR1 n71+2A / 5MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

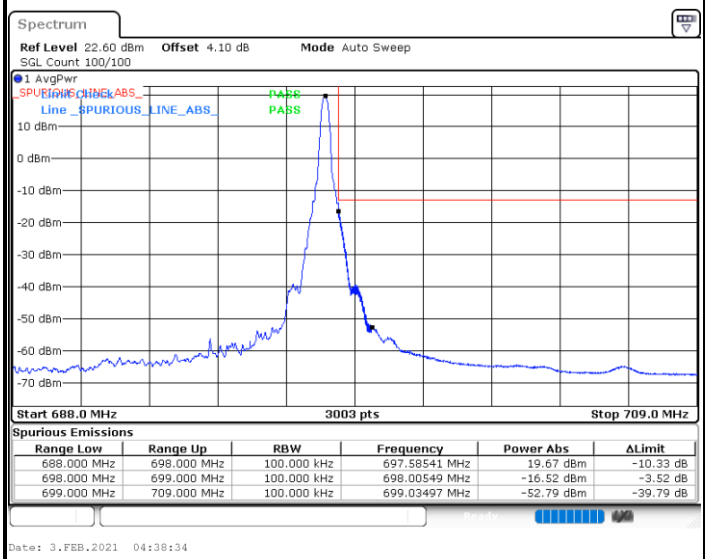
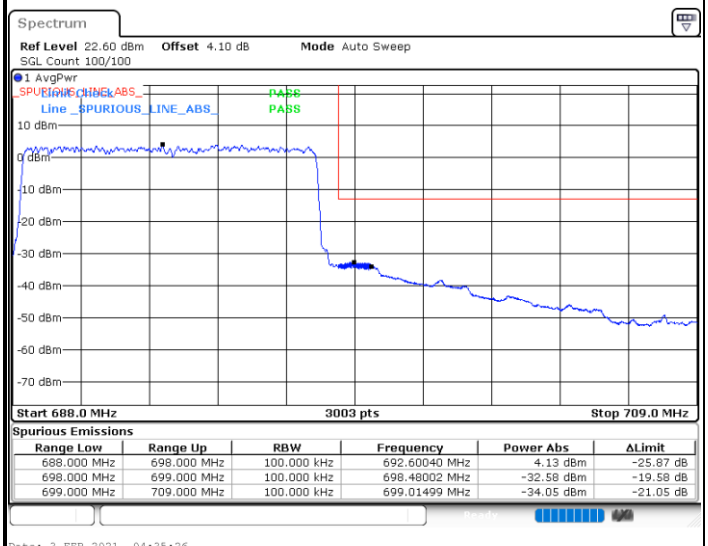
FR1 n71+2A / 5MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

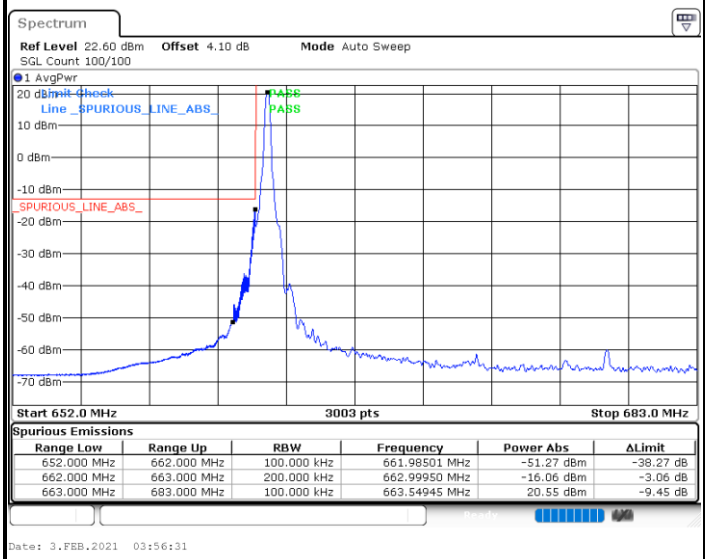
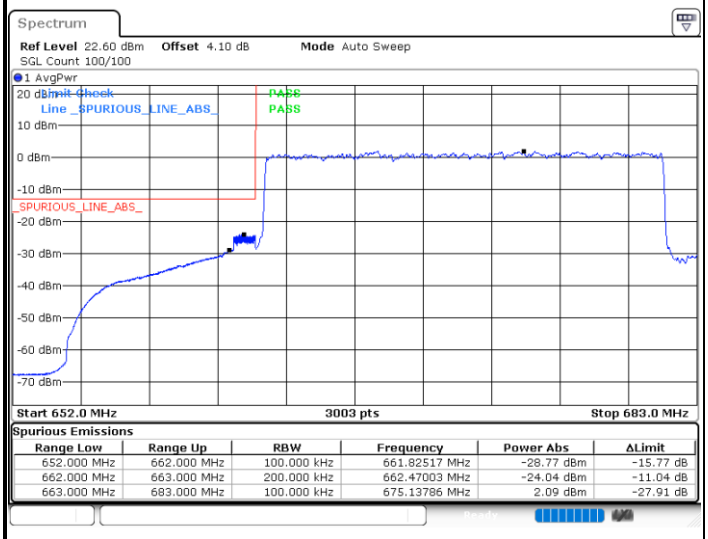
FR1 n71+2A / 5MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

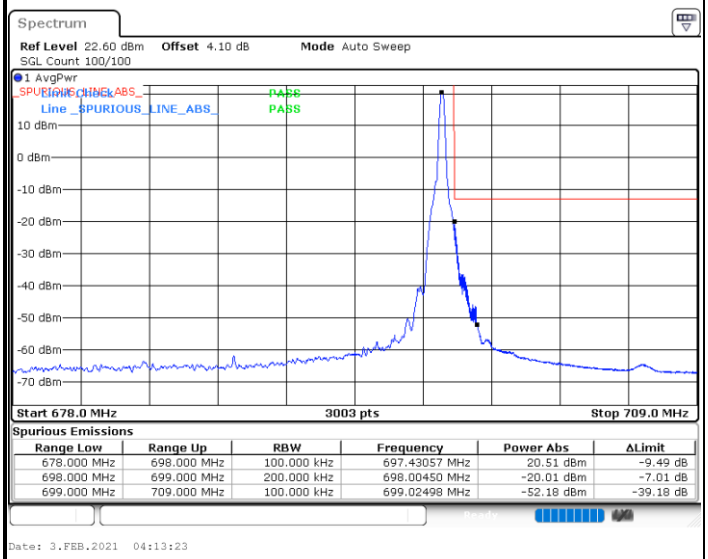
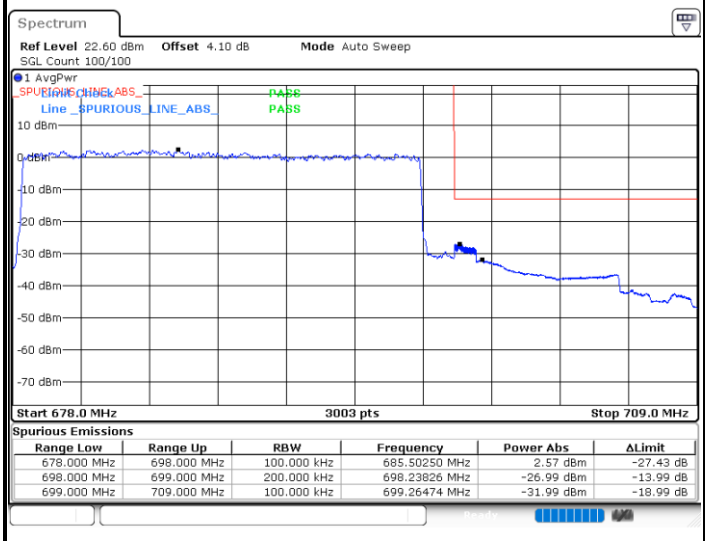
FR1 n71+2A / 10MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

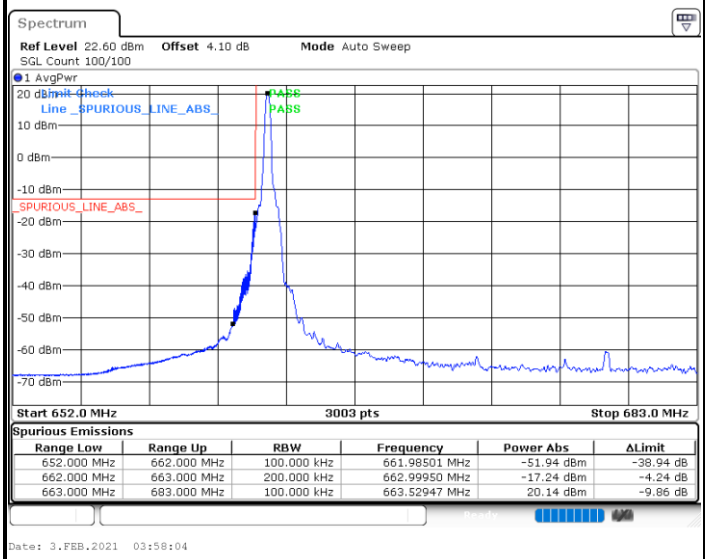
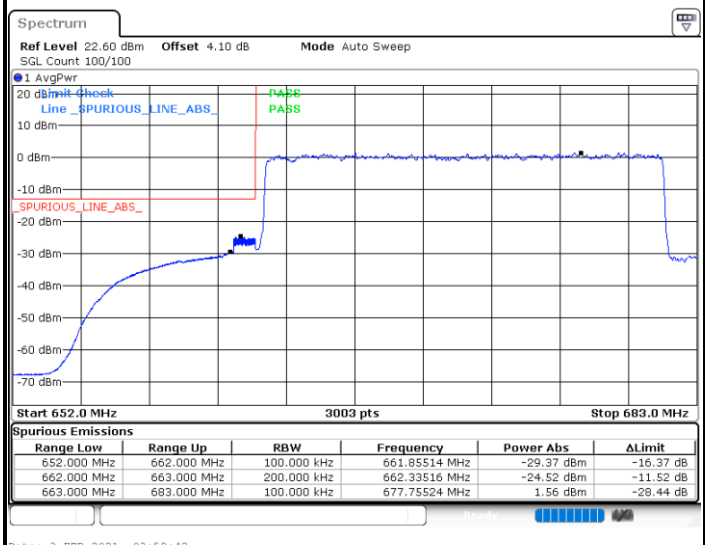
FR1 n71+2A / 10MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

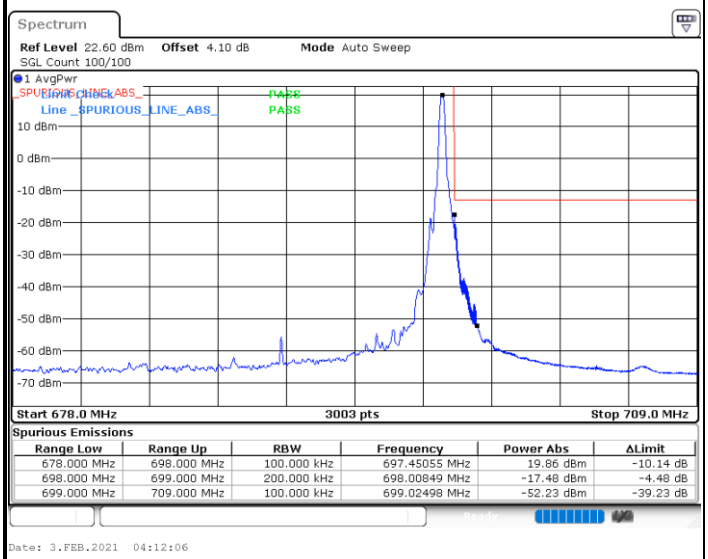
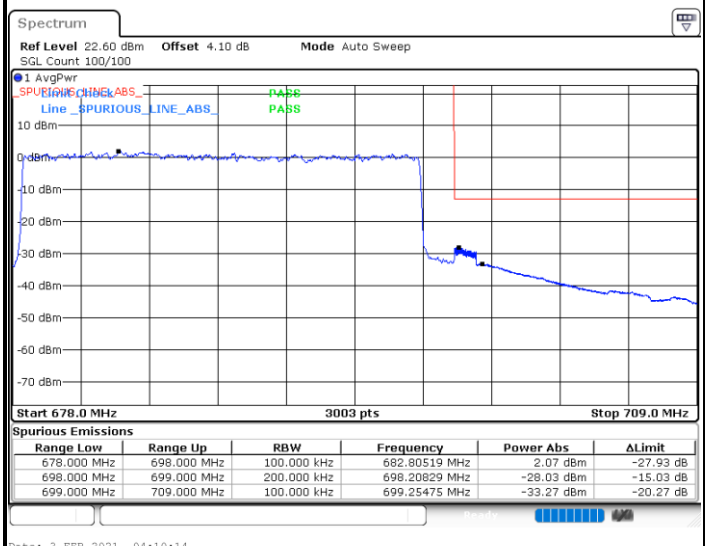
FR1 n71+2A / 10MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n71+2A / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n71+2A / 20MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n71+2A / 20MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

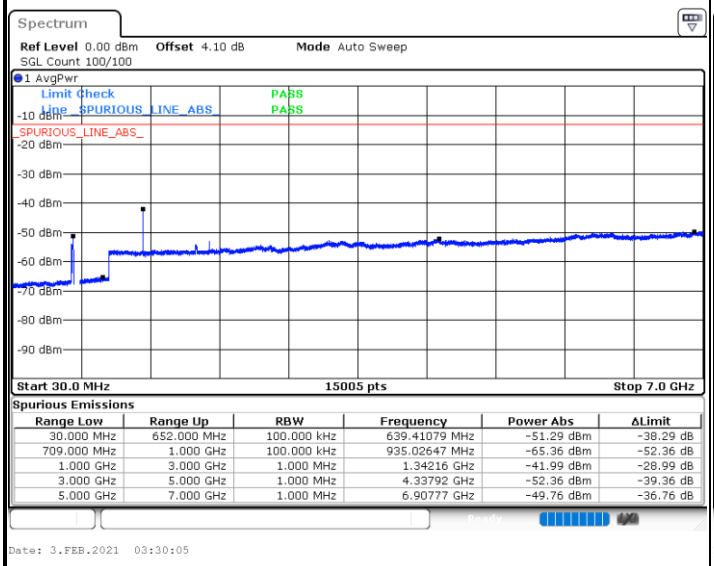
FR1 n71+2A / 20MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 n71+2A / 20MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

Conducted Spurious Emission

FR1 n71+2A / 5MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

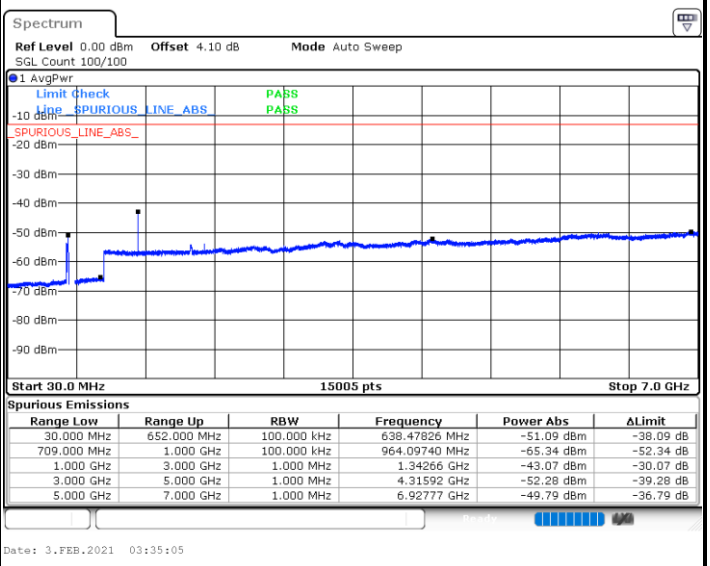


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	639.41079 MHz	-51.29 dBm	-38.29 dB
709.000 MHz	1.000 GHz	100.000 kHz	935.02647 MHz	-65.36 dBm	-52.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-41.99 dBm	-28.99 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.33792 GHz	-52.36 dBm	-39.36 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90777 GHz	-49.76 dBm	-36.76 dB

Date: 3.FEB.2021 03:30:05

Middle Channel / 1RB

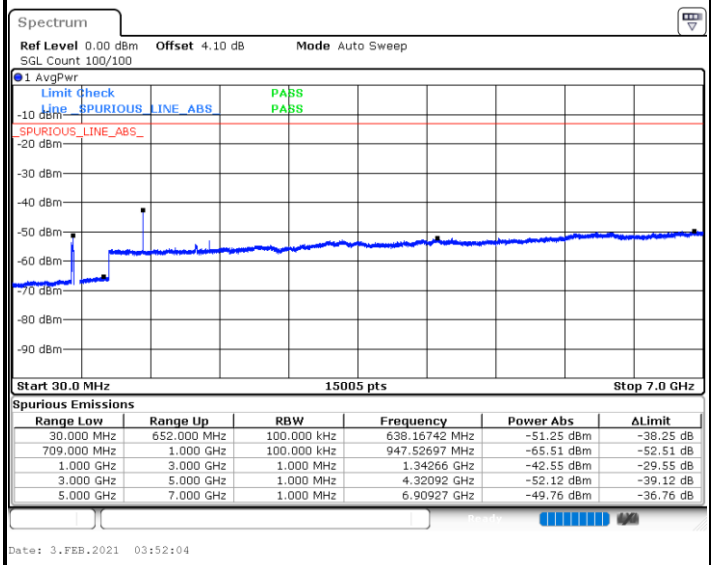


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.47826 MHz	-51.09 dBm	-38.09 dB
709.000 MHz	1.000 GHz	100.000 kHz	964.09740 MHz	-65.34 dBm	-52.34 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-43.07 dBm	-30.07 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31592 GHz	-52.28 dBm	-39.28 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92777 GHz	-49.79 dBm	-36.79 dB

Date: 3.FEB.2021 03:35:05

Highest Channel / 1RB

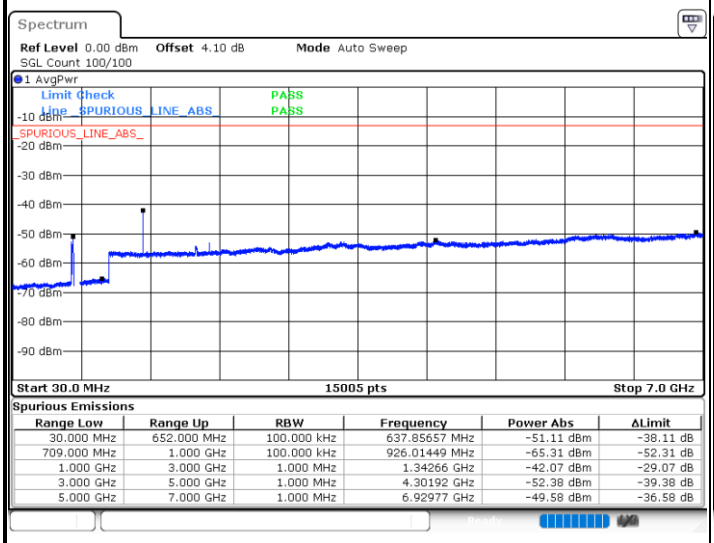


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.16742 MHz	-51.25 dBm	-38.25 dB
709.000 MHz	1.000 GHz	100.000 kHz	947.52697 MHz	-65.51 dBm	-52.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-42.55 dBm	-29.55 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32092 GHz	-52.12 dBm	-39.12 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.90927 GHz	-49.76 dBm	-36.76 dB

Date: 3.FEB.2021 03:52:04

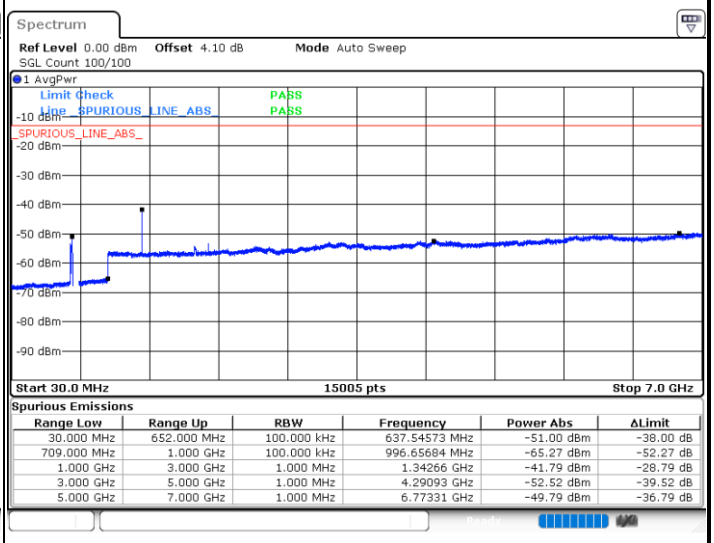
FR1 n71+2A / 5MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
Highest Channel / 1RB	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.85657 MHz	-51.11 dBm	-38.11 dB
709.000 MHz	1.000 GHz	100.000 kHz	926.01449 MHz	-65.31 dBm	-52.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-42.07 dBm	-29.07 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30192 GHz	-52.38 dBm	-39.38 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92977 GHz	-49.58 dBm	-36.58 dB

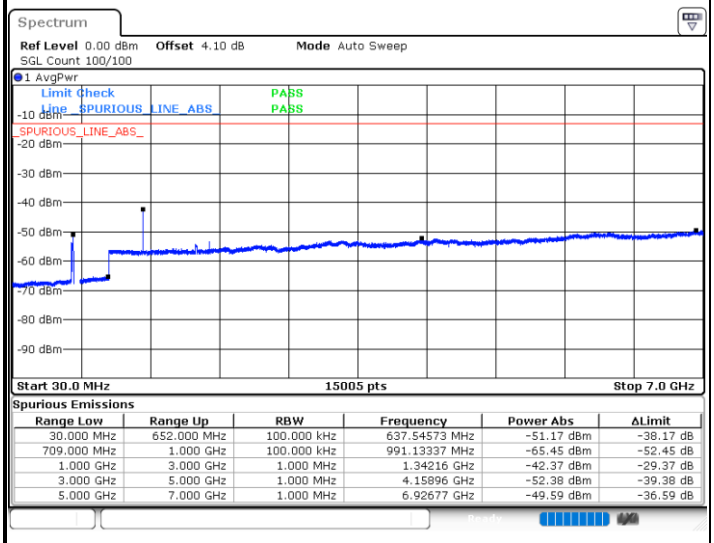
Date: 3.FEB.2021 03:32:14



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.54573 MHz	-51.00 dBm	-38.00 dB
709.000 MHz	1.000 GHz	100.000 kHz	996.65684 MHz	-65.27 dBm	-52.27 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-41.79 dBm	-28.79 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29093 GHz	-52.52 dBm	-39.52 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.77331 GHz	-49.79 dBm	-36.79 dB

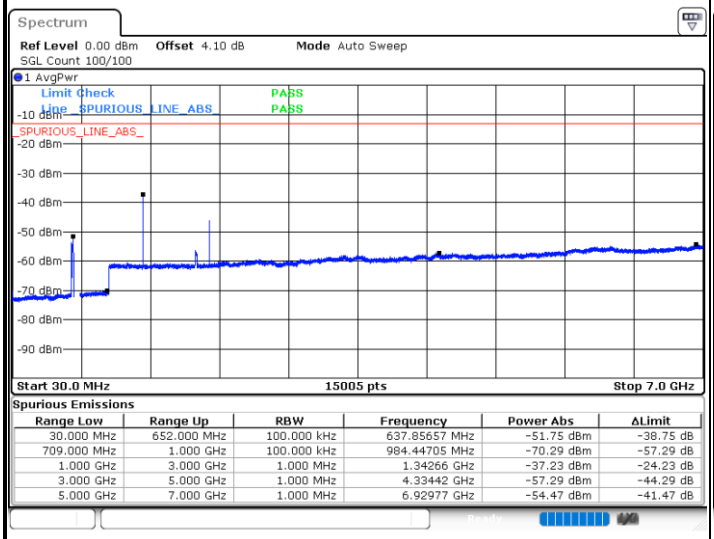
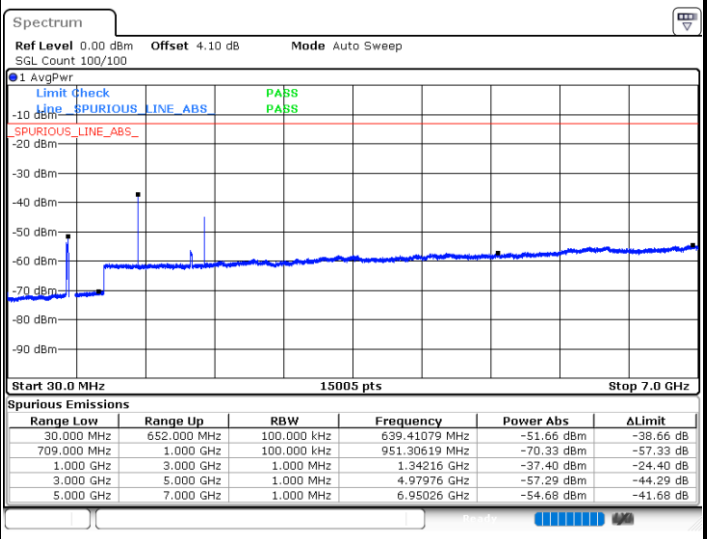
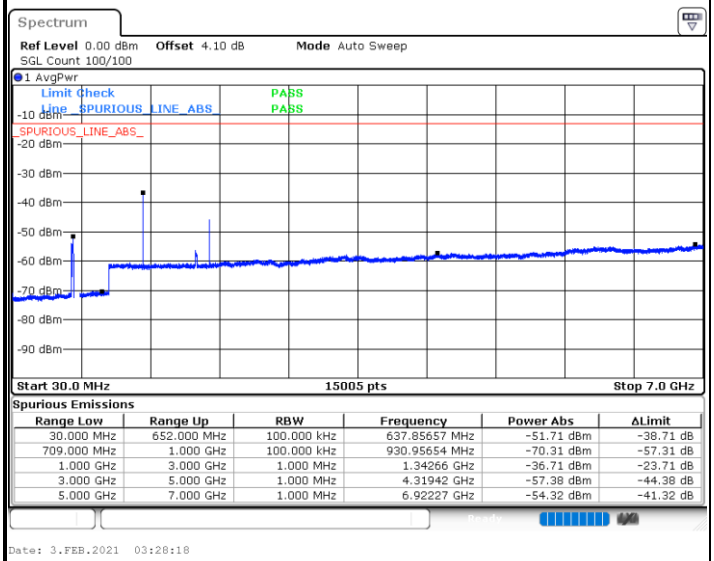
Date: 3.FEB.2021 03:32:51



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.54573 MHz	-51.17 dBm	-38.17 dB
709.000 MHz	1.000 GHz	100.000 kHz	991.13337 MHz	-65.45 dBm	-52.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-42.37 dBm	-29.37 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.15896 GHz	-52.38 dBm	-39.38 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92677 GHz	-49.59 dBm	-36.59 dB

Date: 3.FEB.2021 03:52:35

FR1 n71+2A / 10MHz / DFT-S OFDM / BPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.85657 MHz	-51.75 dBm	-38.75 dB
709.000 MHz	1.000 GHz	100.000 kHz	984.44705 MHz	-70.29 dBm	-57.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-37.23 dBm	-24.23 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.33442 GHz	-57.29 dBm	-44.29 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92977 GHz	-54.47 dBm	-41.47 dB

Date: 3.FEB.2021 03:23:04

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	639.41079 MHz	-51.66 dBm	-38.66 dB
709.000 MHz	1.000 GHz	100.000 kHz	951.30619 MHz	-70.33 dBm	-57.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-37.40 dBm	-24.40 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.97976 GHz	-57.29 dBm	-44.29 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-54.68 dBm	-41.68 dB

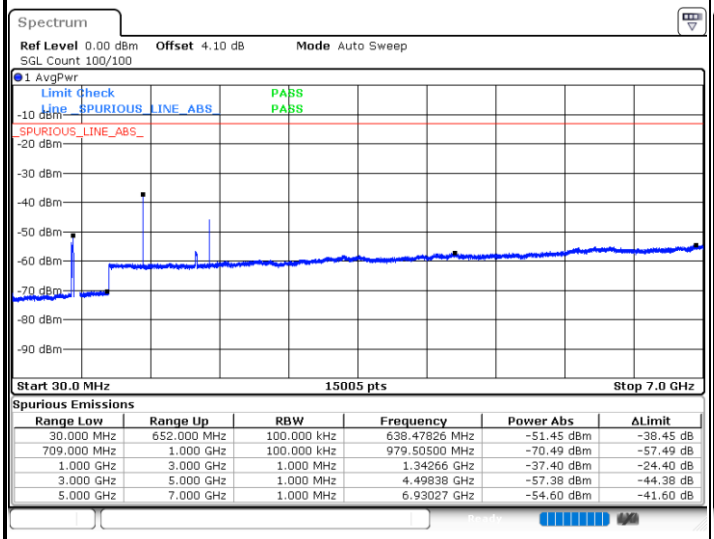
Date: 3.FEB.2021 03:25:06

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.85657 MHz	-51.71 dBm	-38.71 dB
709.000 MHz	1.000 GHz	100.000 kHz	930.95654 MHz	-70.31 dBm	-57.31 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-36.71 dBm	-23.71 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31942 GHz	-57.38 dBm	-44.38 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92227 GHz	-54.32 dBm	-41.32 dB

Date: 3.FEB.2021 03:28:18

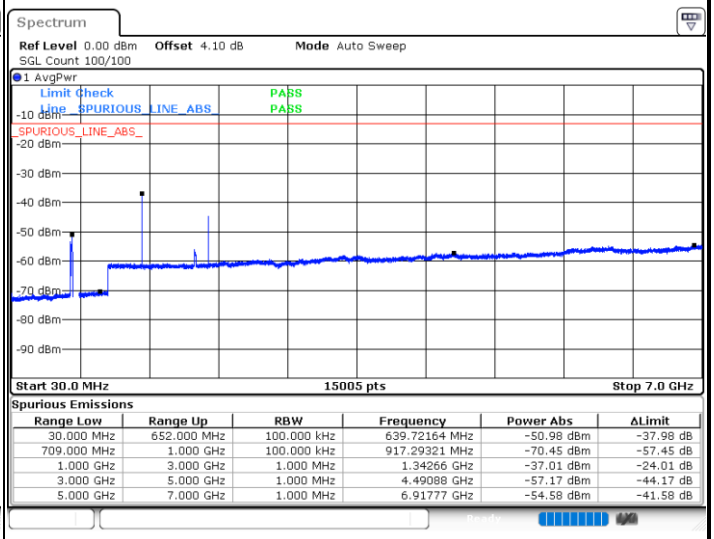
FR1 n71+2A / 10MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
Highest Channel / 1RB	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.47826 MHz	-51.45 dBm	-38.45 dB
709.000 MHz	1.000 GHz	100.000 kHz	979.50500 MHz	-70.49 dBm	-57.49 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-37.40 dBm	-24.40 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49838 GHz	-57.38 dBm	-44.38 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93027 GHz	-54.60 dBm	-41.60 dB

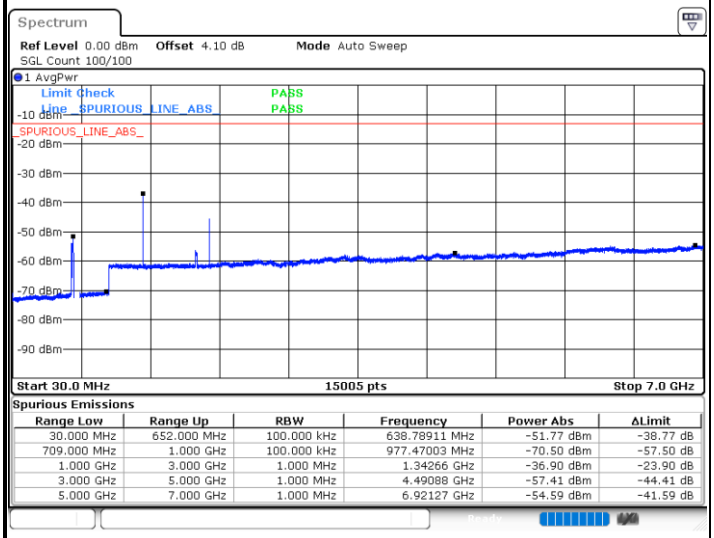
Date: 3.FEB.2021 03:22:42



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	639.72164 MHz	-50.98 dBm	-37.98 dB
709.000 MHz	1.000 GHz	100.000 kHz	917.29321 MHz	-70.45 dBm	-57.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-37.01 dBm	-24.01 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49088 GHz	-57.17 dBm	-44.17 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.91777 GHz	-54.58 dBm	-41.58 dB

Date: 3.FEB.2021 03:25:38



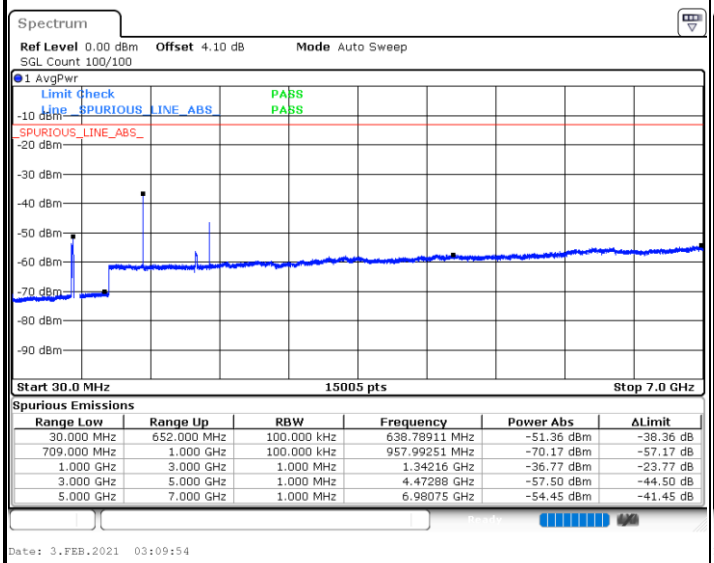
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.77 dBm	-38.77 dB
709.000 MHz	1.000 GHz	100.000 kHz	977.47003 MHz	-70.50 dBm	-57.50 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-36.90 dBm	-23.90 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49088 GHz	-57.41 dBm	-44.41 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.92127 GHz	-54.59 dBm	-41.59 dB

Date: 3.FEB.2021 03:27:14

FR1 n71+2A / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

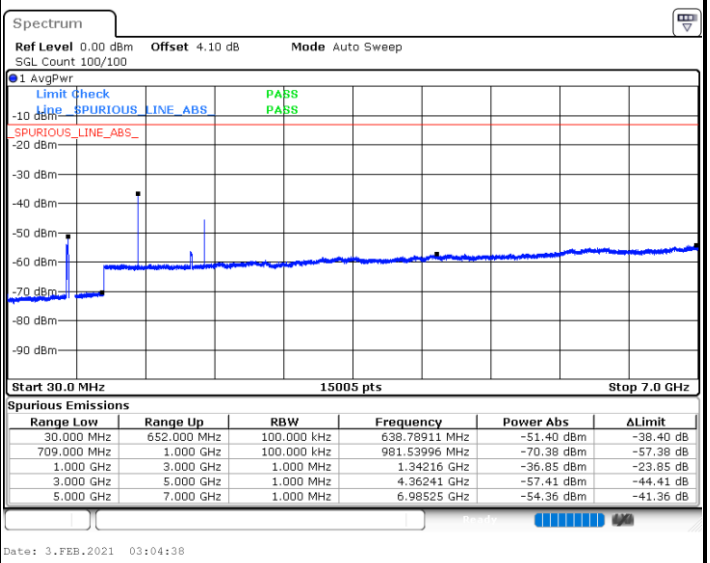


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.36 dBm	-38.36 dB
709.000 MHz	1.000 GHz	100.000 kHz	957.99251 MHz	-70.17 dBm	-57.17 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-36.77 dBm	-23.77 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.47288 GHz	-57.50 dBm	-44.50 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-54.45 dBm	-41.45 dB

Date: 3.FEB.2021 03:09:54

Middle Channel / 1RB

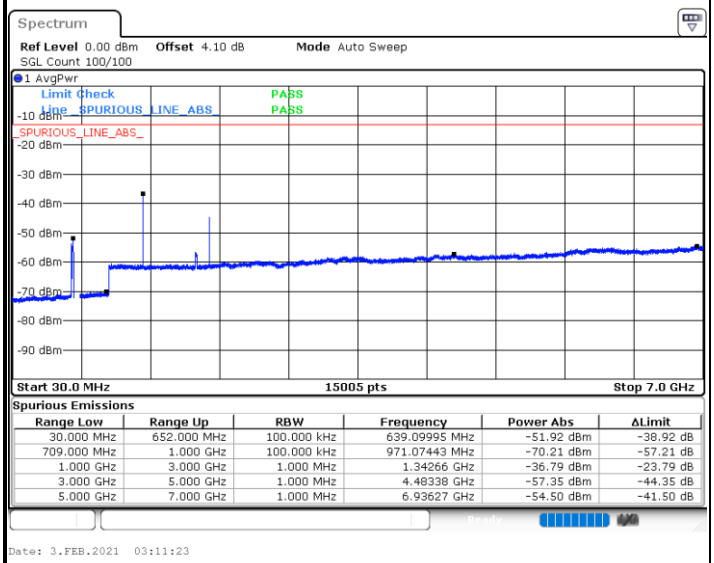


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	638.78911 MHz	-51.40 dBm	-38.40 dB
709.000 MHz	1.000 GHz	100.000 kHz	981.53996 MHz	-70.38 dBm	-57.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34216 GHz	-36.85 dBm	-23.85 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.36241 GHz	-57.41 dBm	-44.41 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98525 GHz	-54.36 dBm	-41.36 dB

Date: 3.FEB.2021 03:04:38

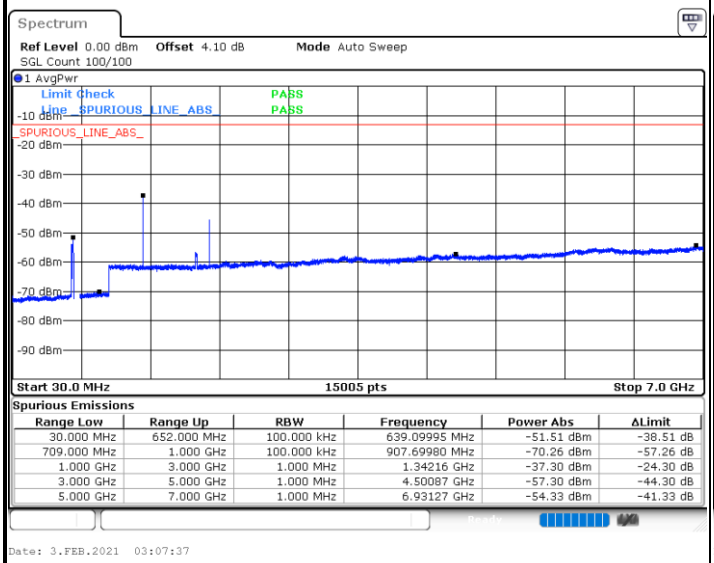
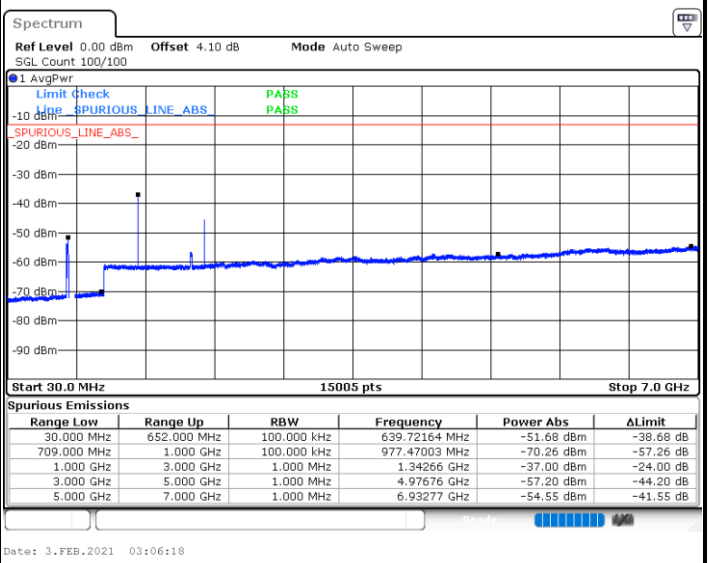
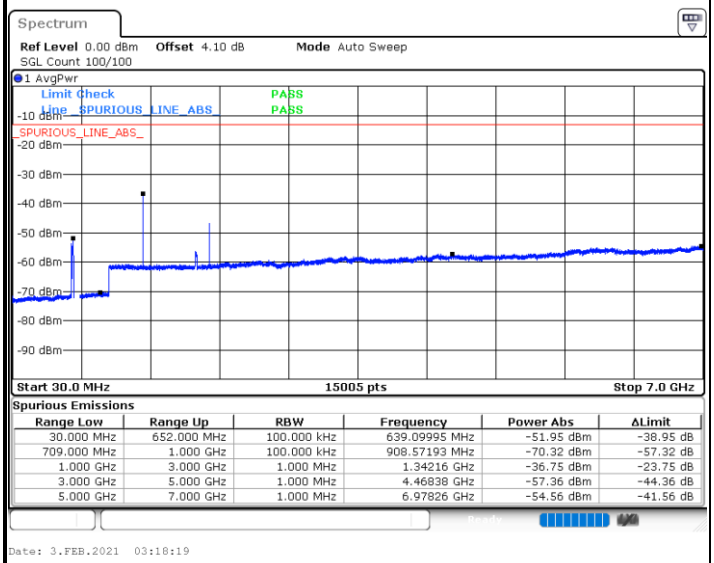
Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	639.09995 MHz	-51.92 dBm	-38.92 dB
709.000 MHz	1.000 GHz	100.000 kHz	971.07443 MHz	-70.21 dBm	-57.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34266 GHz	-36.79 dBm	-23.79 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.48338 GHz	-57.35 dBm	-44.35 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93627 GHz	-54.50 dBm	-41.50 dB

Date: 3.FEB.2021 03:11:23

FR1 n71+2A / 20MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

Frequency Stability

Test Conditions		NR n71+2A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0035	

Note:

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

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna

5G NR n41_HPUE / NR 100MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4994.80	-58.45	-25	-33.45	-75.83	-64.01	7.12	12.68	H
	7492.20	-54.00	-25	-29.00	-76.36	-57.33	8.26	11.59	H
	9989.60	-51.77	-25	-26.77	-78.88	-53.30	10.45	11.98	H
	4994.80	-59.64	-25	-34.64	-76.94	-65.20	7.12	12.68	V
	7492.20	-55.18	-25	-30.18	-77.46	-58.51	8.26	11.59	V
	9989.60	-52.45	-25	-27.45	-78.97	-53.98	10.45	11.98	V
Middle	5089.00	-58.84	-25	-33.84	-76.29	-64.40	7.14	12.70	H
	7633.50	-42.46	-25	-17.46	-64.72	-45.76	8.30	11.60	H
	10178.00	-51.24	-25	-26.24	-78.30	-52.76	10.48	12.00	H
	5089.00	-57.75	-25	-32.75	-75.13	-63.31	7.14	12.70	V
	7633.50	-39.97	-25	-14.97	-62.04	-43.27	8.30	11.60	V
	10178.00	-52.02	-25	-27.02	-78.67	-53.54	10.48	12.00	V
Highest	5182.80	-59.95	-25	-34.95	-77.49	-65.51	7.16	12.72	H
	7774.20	-42.73	-25	-17.73	-65.48	-46.03	8.33	11.63	H
	10365.60	-51.71	-25	-26.71	-78.71	-53.31	10.50	12.10	H
	5182.80	-59.65	-25	-34.65	-77.14	-65.21	7.16	12.72	V
	7774.20	-50.46	-25	-25.46	-73.2	-53.76	8.33	11.63	V
	10365.60	-51.76	-25	-26.76	-78.56	-53.36	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

5G NR n71 / NR 20MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1327.00	-64.51	-13	-51.51	-71.30	-69.89	3.98	9.36	H
	1990.50	-66.23	-13	-53.23	-74.04	-71.93	4.85	10.55	H
	2654.00	-63.85	-13	-50.85	-74.65	-70.93	5.50	12.58	H
	3317.5	-59.76	-13	-46.76	-72.02	-66.38	5.98	12.60	H
	1327.00	-64.74	-13	-51.74	-71.45	-70.12	3.98	9.36	V
	1990.50	-66.06	-13	-53.06	-74.28	-71.76	4.85	10.55	V
	2654.00	-63.22	-13	-50.22	-74.34	-70.30	5.50	12.58	V
	3317.5	-57.11	-13	-44.11	-69.80	-63.73	5.98	12.60	V
Middle	1342.00	-62.73	-13	-49.73	-69.74	-68.13	4.00	9.40	H
	2013.00	-66.02	-13	-53.02	-74.10	-71.74	4.88	10.60	H
	2684.00	-62.88	-13	-49.88	-73.92	-69.96	5.52	12.60	H
	3355	-59.71	-13	-46.71	-71.73	-66.33	6.00	12.62	H
	1342.00	-59.82	-13	-46.82	-66.78	-65.22	4.00	9.40	V
	2013.00	-65.56	-13	-52.56	-74.07	-71.28	4.88	10.60	V
	2684.00	-62.87	-13	-49.87	-74.22	-69.95	5.52	12.60	V
	3355	-56.58	-13	-43.58	-69.02	-63.20	6.00	12.62	V
Highest	1357.00	-63.19	-13	-50.19	-70.52	-68.51	4.10	9.42	H
	2035.50	-65.33	-13	-52.33	-73.81	-71.06	4.90	10.63	H
	2714.00	-62.94	-13	-49.94	-74.23	-70.01	5.55	12.62	H
	3392.5	-58.27	-13	-45.27	-70.28	-64.90	6.02	12.65	H
	1357.00	-61.56	-13	-48.56	-68.87	-66.88	4.10	9.42	V
	2035.50	-64.78	-13	-51.78	-73.67	-70.51	4.90	10.63	V
	2714.00	-62.16	-13	-49.16	-73.74	-69.23	5.55	12.62	V
	3392.5	-57.52	-13	-44.52	-70.07	-64.15	6.02	12.65	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Lowest	4994.80	-59.72	-25	-34.72	-77.10	-65.28	7.12	12.68	H
	7484.36	-54.52	-25	-29.52	-76.93	-57.85	8.26	11.59	H
	9989.60	-51.90	-25	-26.90	-79.01	-53.43	10.45	11.98	H
	4994.80	-59.76	-25	-34.76	-77.06	-65.32	7.12	12.68	V
	7484.36	-55.33	-25	-30.33	-77.67	-58.66	8.26	11.59	V
	9989.60	-52.77	-25	-27.77	-79.29	-54.30	10.45	11.98	V
LTE Band2 Lowest	3742.18	-61.11	-25	-36.11	-75.74	-67.86	5.85	12.60	H
	5613.27	-60.25	-25	-35.25	-77.97	-66.05	7.30	13.10	H
	7492.2	-54.52	-25	-29.52	-76.88	-57.67	8.35	11.50	H
	3742.18	-61.09	-25	-36.09	-75.93	-67.84	5.85	12.60	V
	5613.27	-60.40	-25	-35.40	-78.03	-66.20	7.30	13.10	V
	7492.2	-55.57	-25	-30.57	-77.85	-58.72	8.35	11.50	V
NR n41 Middle	5089.00	-59.55	-25	-34.55	-77.00	-65.11	7.14	12.70	H
	7484.36	-55.27	-25	-30.27	-77.68	-58.57	8.30	11.60	H
	10178.00	-51.52	-25	-26.52	-78.58	-53.04	10.48	12.00	H
	5089.00	-59.67	-25	-34.67	-77.05	-65.23	7.14	12.70	V
	7484.36	-55.35	-25	-30.35	-77.69	-58.65	8.30	11.60	V
	10178.00	-52.01	-25	-27.01	-78.66	-53.53	10.48	12.00	V
LTE Band2 Middle	3742.18	-61.25	-25	-36.25	-75.88	-68.00	5.85	12.60	H
	5613.27	-59.58	-25	-34.58	-77.30	-65.38	7.30	13.10	H
	7633.50	-52.86	-25	-27.86	-75.12	-56.01	8.35	11.50	H
	3742.18	-61.09	-25	-36.09	-75.93	-67.84	5.85	12.60	V
	5613.27	-60.03	-25	-35.03	-77.66	-65.83	7.30	13.10	V
	7633.50	-55.81	-25	-30.81	-77.88	-58.96	8.35	11.50	V
NR n41 Highest	5182.80	-59.94	-25	-34.94	-77.48	-65.50	7.16	12.72	H
	7484.36	-55.05	-25	-30.05	-77.46	-58.35	8.33	11.63	H
	10365.60	-51.78	-25	-26.78	-78.78	-53.38	10.50	12.10	H
	5182.80	-59.62	-25	-34.62	-77.11	-65.18	7.16	12.72	V
	7484.36	-55.48	-25	-30.48	-77.82	-58.78	8.33	11.63	V
	10365.60	-51.81	-25	-26.81	-78.61	-53.41	10.50	12.10	V
LTE Band2 Highest	3742.18	-60.98	-25	-35.98	-75.61	-67.73	5.85	12.60	H
	5613.27	-59.92	-25	-34.92	-77.64	-65.72	7.30	13.10	H
	7774.2	-49.75	-25	-24.75	-72.50	-52.90	8.35	11.50	H
	3742.18	-61.17	-25	-36.17	-76.01	-67.92	5.85	12.60	V
	5613.27	-60.15	-25	-35.15	-77.78	-65.95	7.30	13.10	V
	7774.2	-54.64	-25	-29.64	-77.38	-57.79	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Lowest	1327.00	-65.12	-13	-52.12	-71.91	-70.50	3.98	9.36	H
	1990.50	-65.78	-13	-52.78	-73.59	-71.48	4.85	10.55	H
	2654.00	-63.01	-13	-50.01	-73.81	-70.09	5.50	12.58	H
	3317.5	-50.83	-13	-37.83	-63.09	-57.45	5.98	12.60	H
	1327.00	-65.55	-13	-52.55	-72.26	-70.93	3.98	9.36	V
	1990.50	-65.63	-13	-52.63	-73.85	-71.33	4.85	10.55	V
	2654.00	-63.29	-13	-50.29	-74.41	-70.37	5.50	12.58	V
	3317.5	-61.13	-13	-48.13	-73.82	-67.75	5.98	12.60	V
LTE Band2 Lowest	3742.18	-62.21	-13	-49.21	-76.84	-68.96	5.85	12.60	H
	5613.27	-60.78	-13	-47.78	-78.50	-66.58	7.30	13.10	H
	7484.36	-55.66	-13	-42.66	-78.07	-58.81	8.35	11.50	H
	3742.18	-61.72	-13	-48.72	-76.56	-68.47	5.85	12.60	V
	5613.27	-60.73	-13	-47.73	-78.36	-66.53	7.30	13.10	V
	7484.36	-55.33	-13	-42.33	-77.67	-58.48	8.35	11.50	V
NR n71 Middle	1342.00	-64.81	-13	-51.81	-71.82	-70.21	4.00	9.40	H
	2013.00	-65.76	-13	-52.76	-73.84	-71.48	4.88	10.60	H
	2684.00	-62.21	-13	-49.21	-73.25	-69.29	5.52	12.60	H
	3355	-48.13	-13	-35.13	-60.15	-54.75	6.00	12.62	H
	3355	-49.26	-13	-36.26	-61.28	-55.88	6.00	12.62	H
	1342.00	-64.68	-13	-51.68	-71.64	-70.08	4.00	9.40	V
	2013.00	-65.59	-13	-52.59	-74.1	-71.31	4.88	10.60	V
	2684.00	-62.86	-13	-49.86	-74.21	-69.94	5.52	12.60	V
	3355	-59.50	-13	-46.50	-71.94	-66.12	6.00	12.62	V
	3355	-60.83	-13	-47.83	-73.27	-67.45	6.00	12.62	V
LTE Band2 Middle	3742.18	-61.98	-13	-48.98	-76.61	-68.73	5.85	12.60	H
	5613.27	-60.55	-13	-47.55	-78.27	-66.35	7.30	13.10	H
	7484.36	-55.63	-13	-42.63	-78.04	-58.78	8.35	11.50	H
	3742.18	-61.86	-13	-48.86	-76.7	-68.61	5.85	12.60	V
	5613.27	-60.75	-13	-47.75	-78.38	-66.55	7.30	13.10	V
	7484.36	-55.64	-13	-42.64	-77.98	-58.79	8.35	11.50	V

EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK DFT-s-OFDM									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n71 Highest	1357.00	-64.32	-13	-51.32	-71.65	-69.64	4.10	9.42	H
	2035.50	-65.14	-13	-52.14	-73.62	-70.87	4.90	10.63	H
	2714.00	-62.49	-13	-49.49	-73.78	-69.56	5.55	12.62	H
	3392.5	-52.86	-13	-39.86	-64.87	-59.49	6.02	12.65	H
	1357.00	-64.61	-13	-51.61	-71.92	-69.93	4.10	9.42	V
	2035.50	-65.59	-13	-52.59	-74.48	-71.32	4.90	10.63	V
	2714.00	-62.51	-13	-49.51	-74.09	-69.58	5.55	12.62	V
	3392.5	-62.51	-13	-49.51	-75.06	-69.14	6.02	12.65	V
LTE Band2 Highest	3742.18	-61.91	-13	-48.91	-76.54	-68.66	5.85	12.60	H
	5613.27	-60.62	-13	-47.62	-78.34	-66.42	7.30	13.10	H
	7484.36	-55.58	-13	-42.58	-77.99	-58.73	8.35	11.50	H
	3742.18	-61.69	-13	-48.69	-76.53	-68.44	5.85	12.60	V
	5613.27	-60.82	-13	-47.82	-78.45	-66.62	7.30	13.10	V
	7484.36	-55.81	-13	-42.81	-78.15	-58.96	8.35	11.50	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.