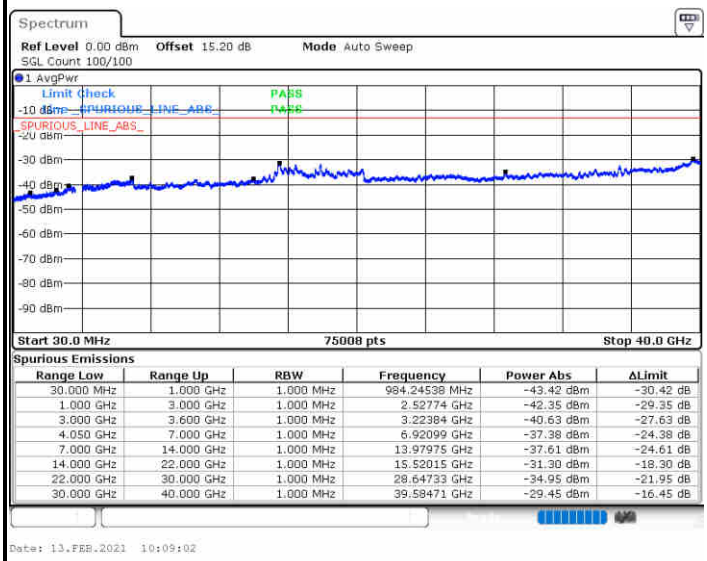
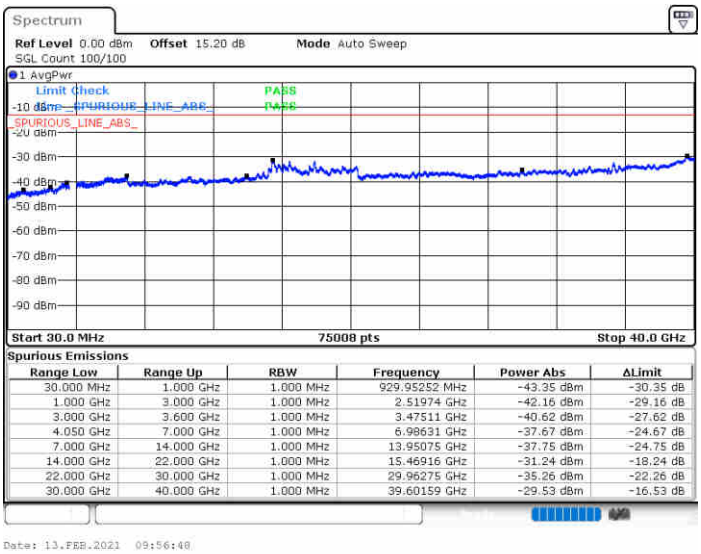
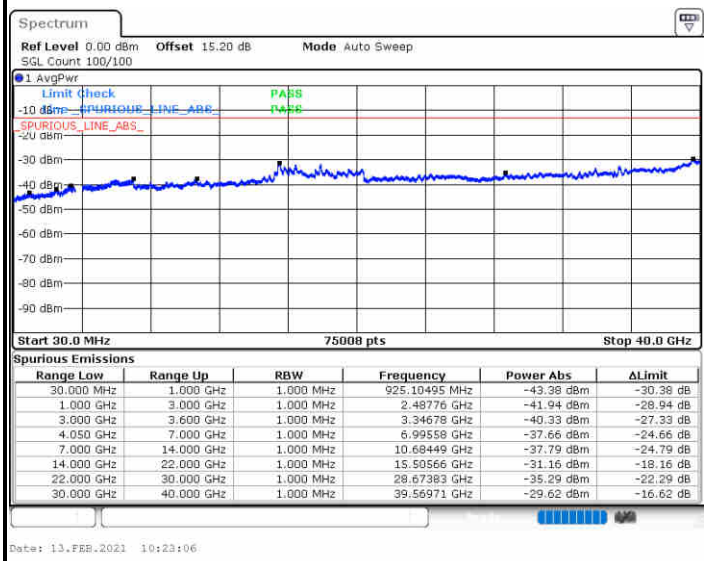
FR1 UL-MIMO n77 / 100MHz / CP-OFDM QPSK (M)	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

Frequency Stability

Test Conditions		NR UL-MIMO n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0023	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0025	

Note:

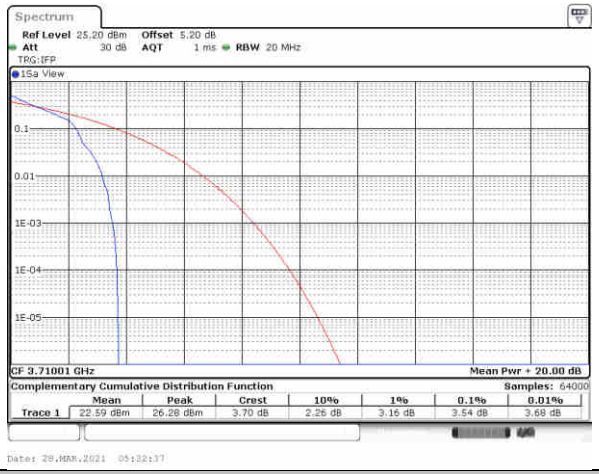
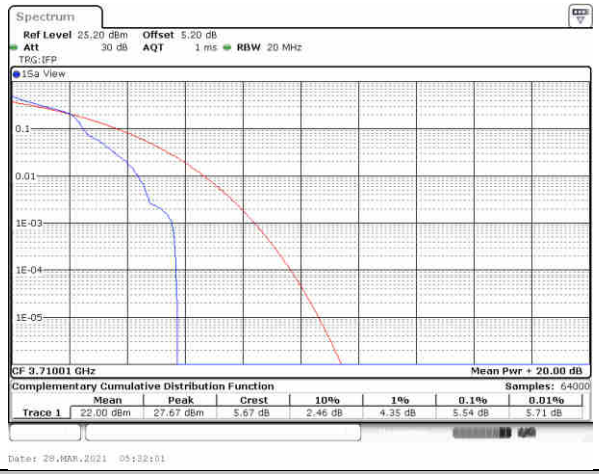
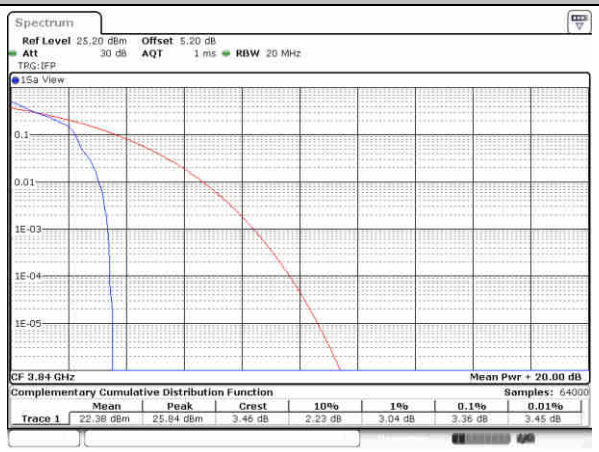
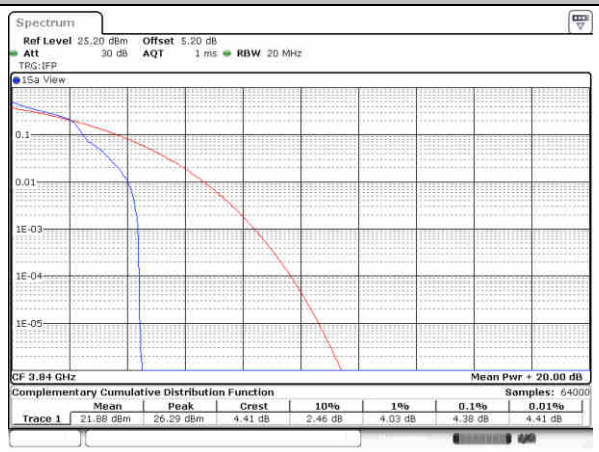
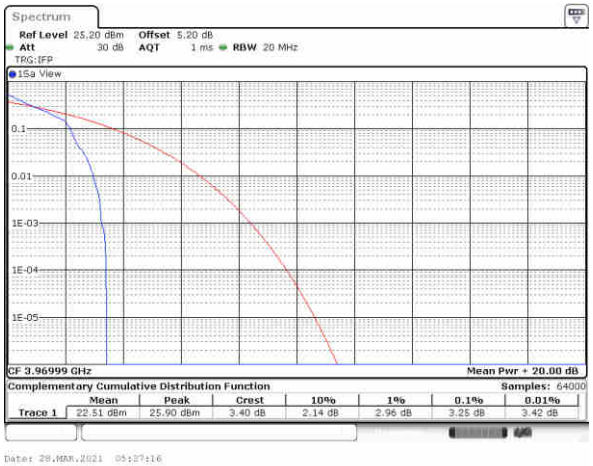
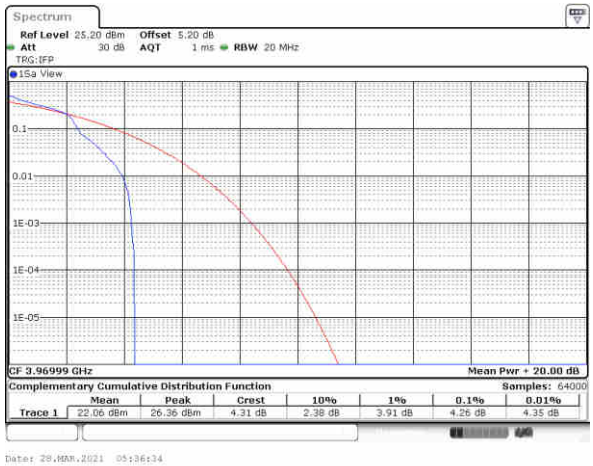
1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.14 V. ; Maximum Voltage =4.4 V.

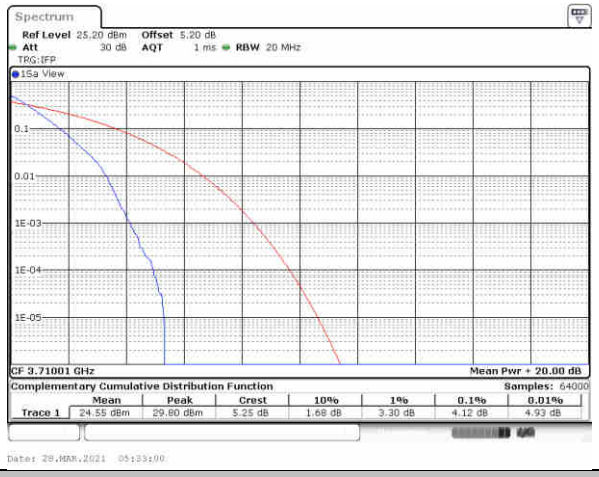
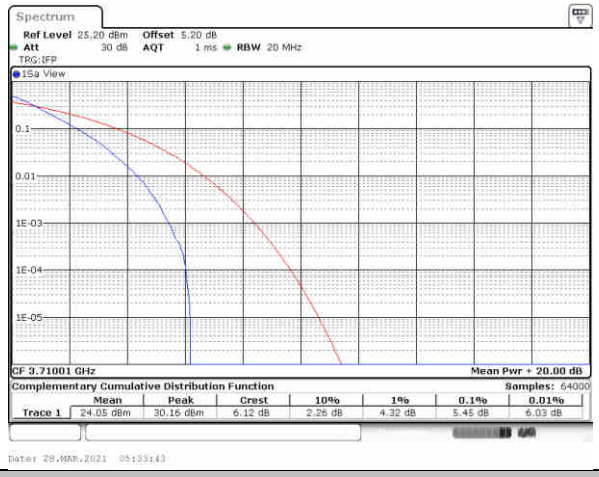
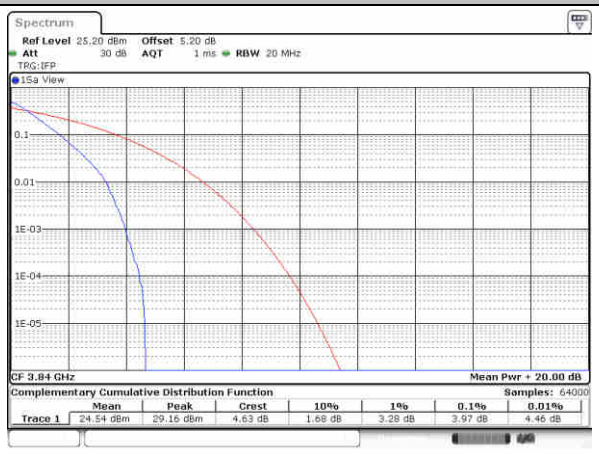
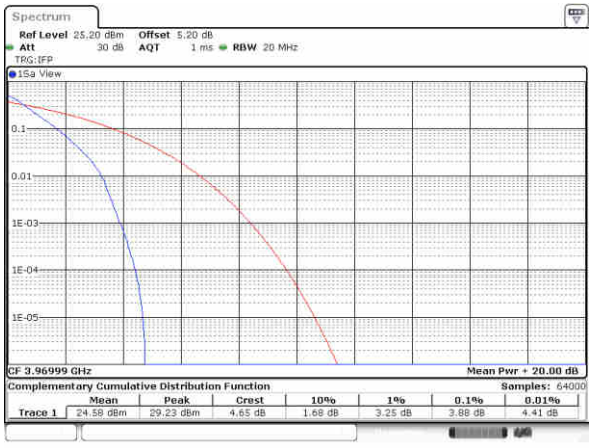
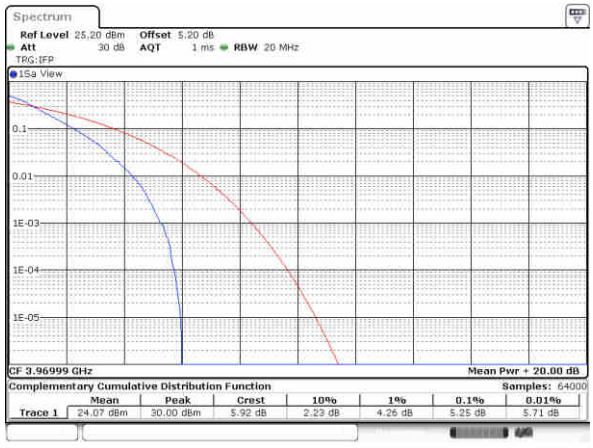
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n77 NSA-SCS 15K

Peak-to-Average Ratio

Mode	FR1 N77 / 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	3.54	4.12	5.54	5.45	PASS
Middle CH	3.36	3.97	4.38	5.19	
Highest CH	3.25	3.88	4.26	5.25	

FR1 N77 / 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**
	

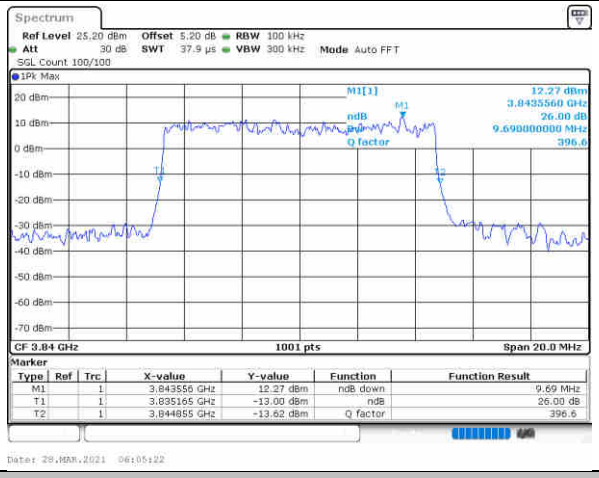
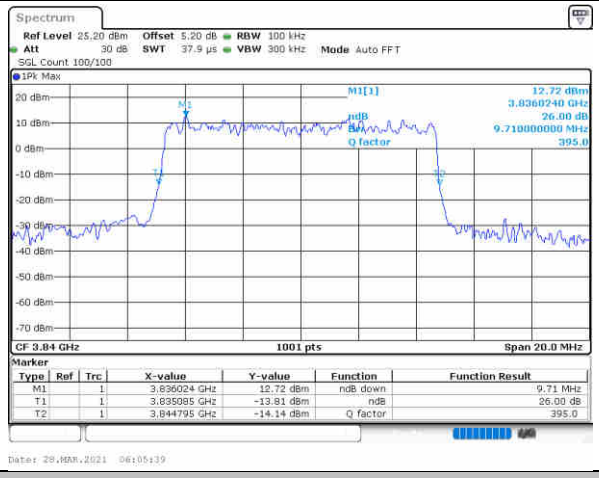
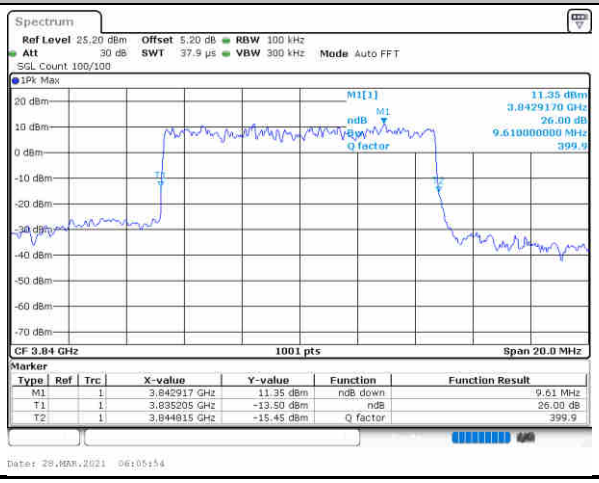
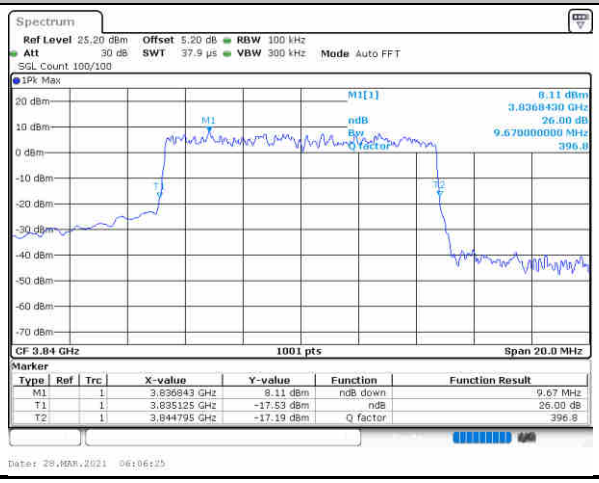
FR1 N77 / 20MHz / DFT-S OFDM	
PI/2 BPSK	**QPSK**
Lowest Channel / Full RB	**Lowest Channel / Full RB**
	
Middle Channel / Full RB	**Middle Channel / Full RB**
	
Highest Channel / Full RB	**Highest Channel / Full RB**
	

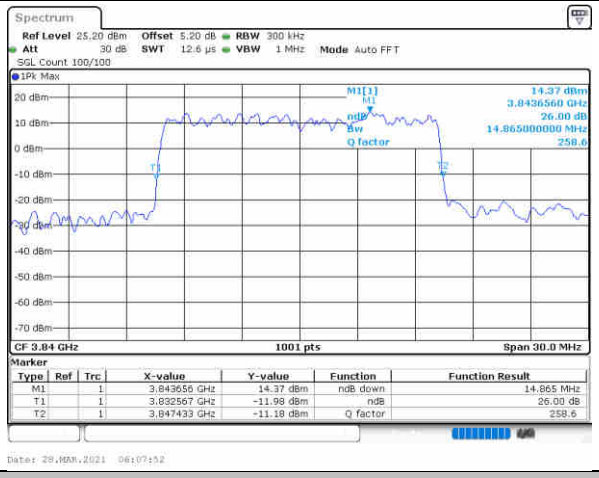
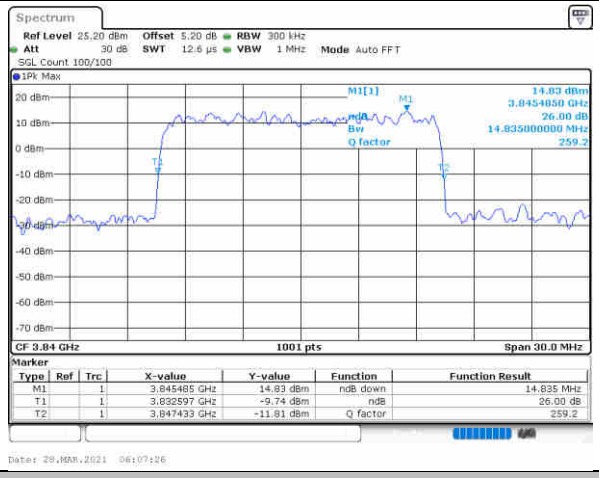
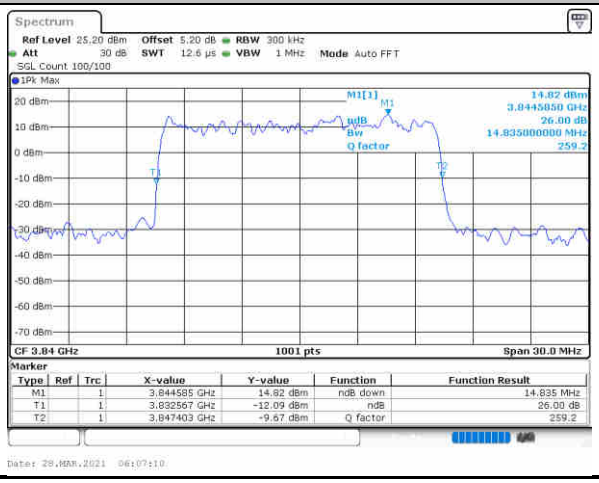
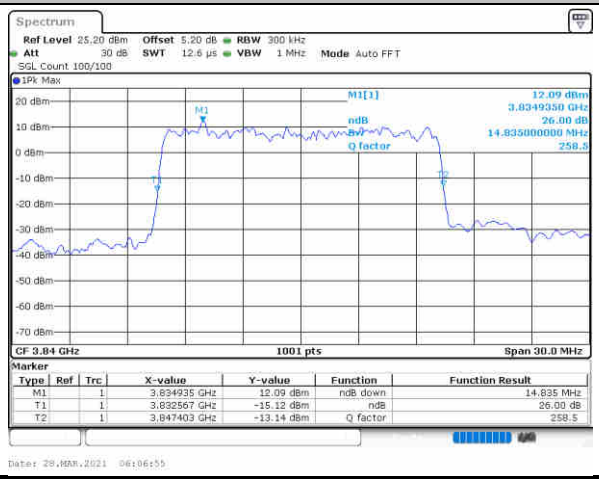
26dB Bandwidth

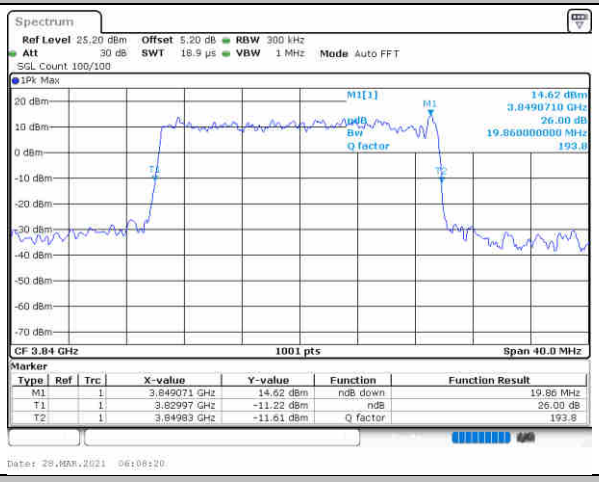
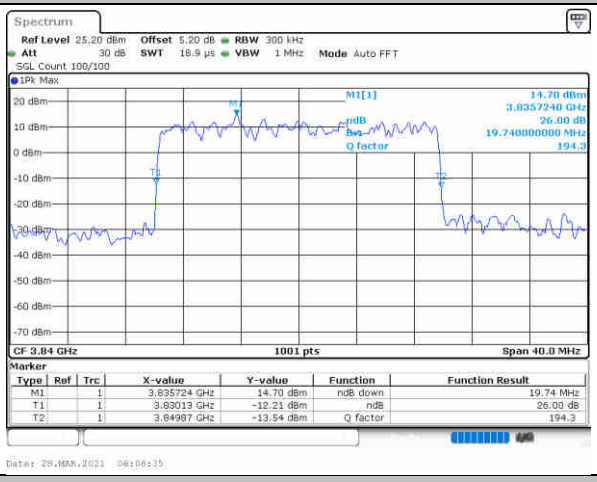
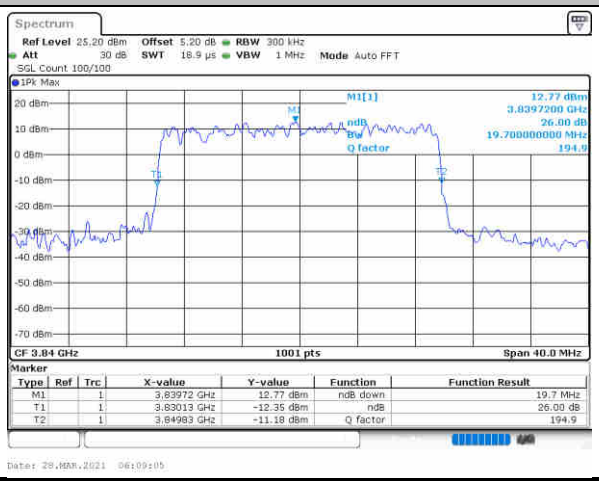
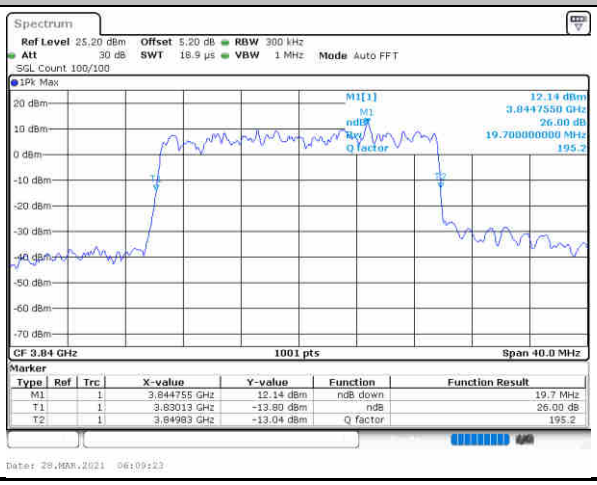
Mode	FR1 N77 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.69	9.71	9.61	9.67				

Mode	FR1 N77 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.87	14.84	14.84	14.84				

Mode	FR1 N77 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.86	19.74	19.70	19.70				

FR1 N77 / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N77 / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

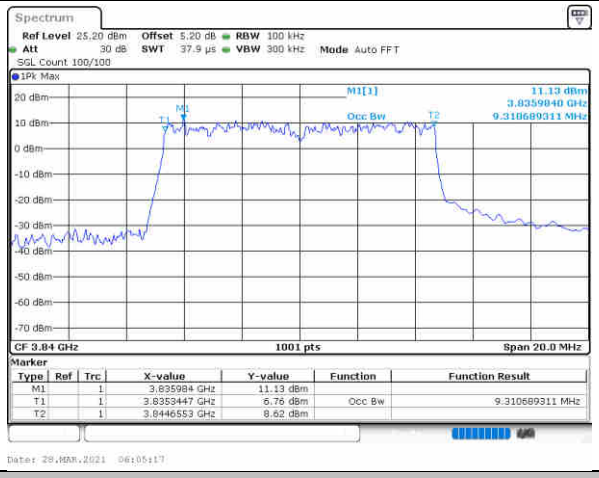
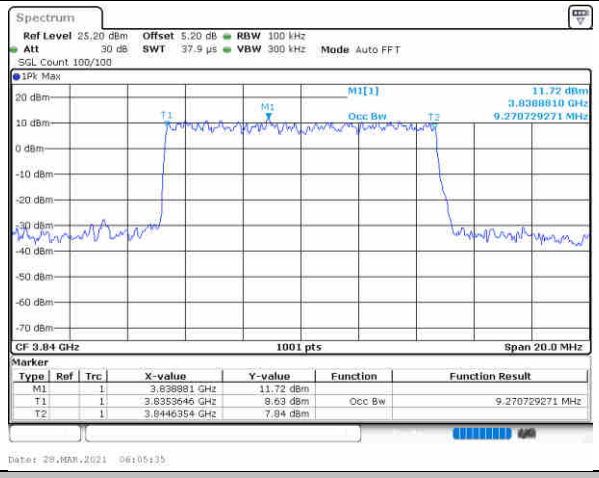
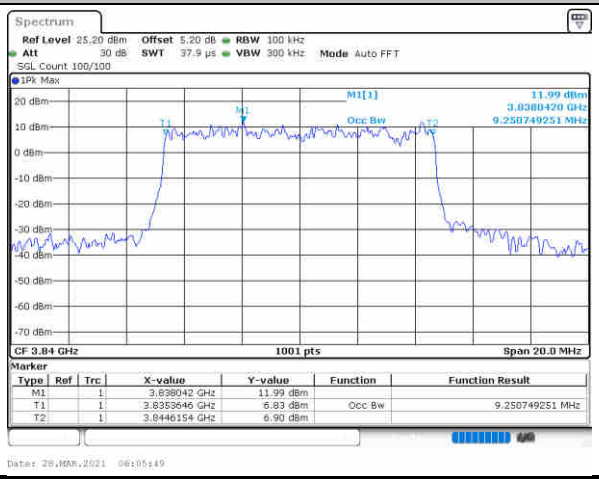
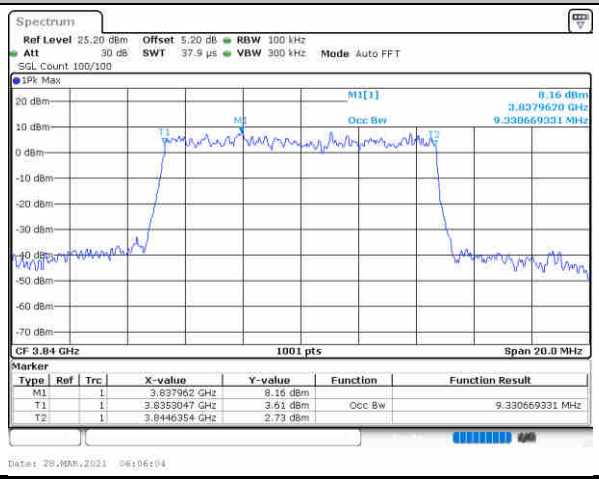
FR1 N77 / 20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

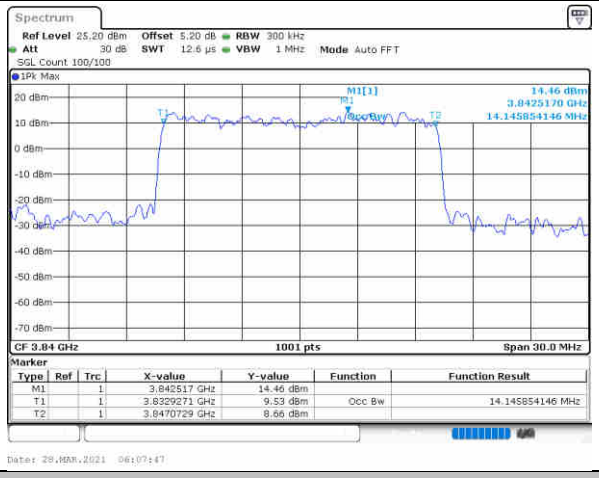
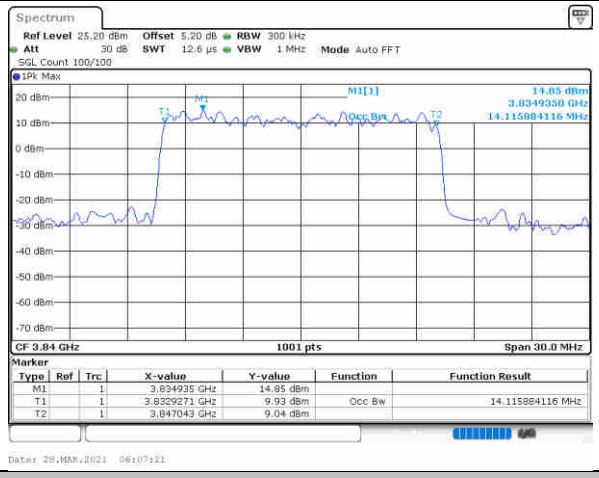
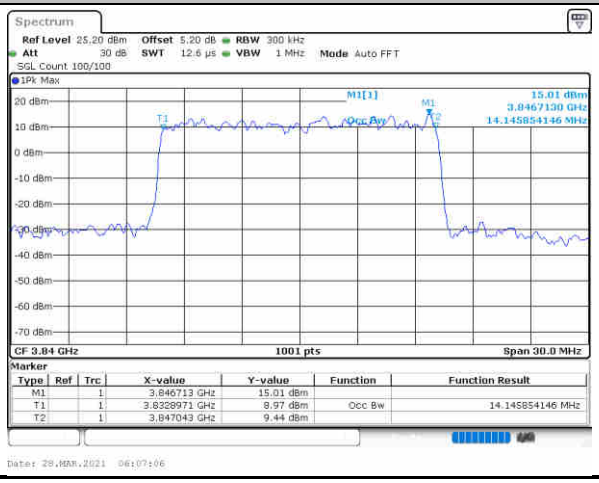
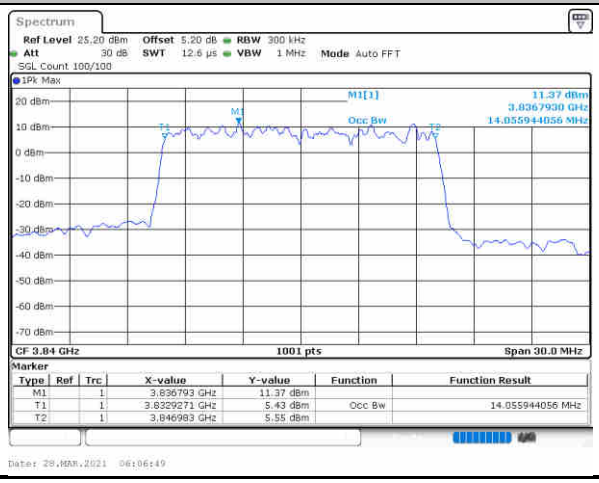
Occupied Bandwidth

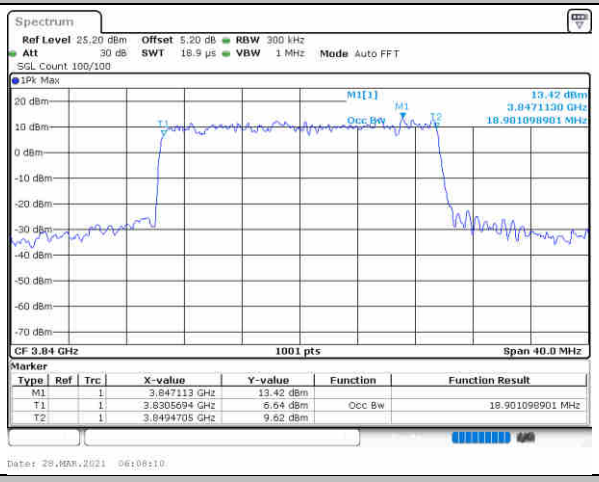
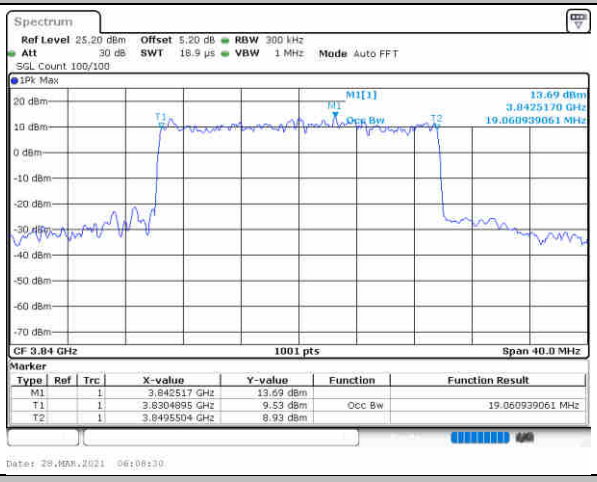
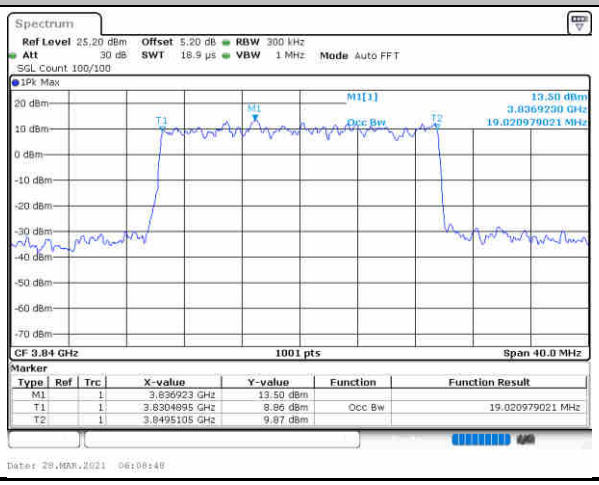
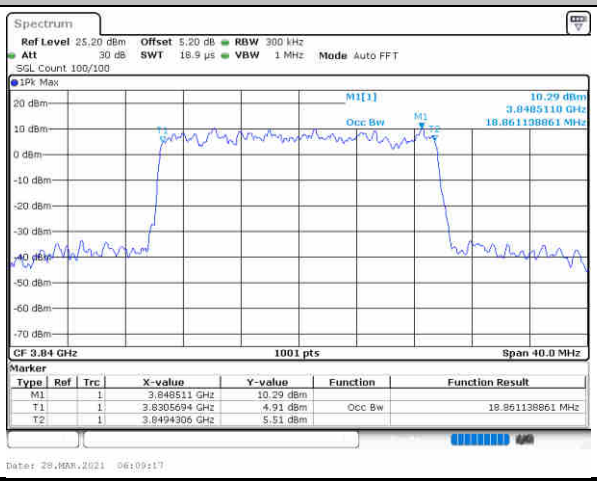
Mode	FR1 N77 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.31	9.27	9.25	9.33				

Mode	FR1 N77 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.15	14.12	14.15	14.06				

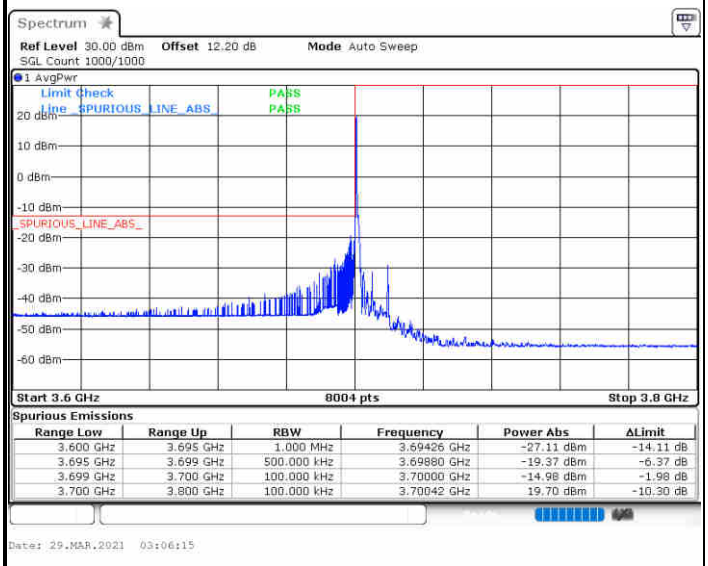
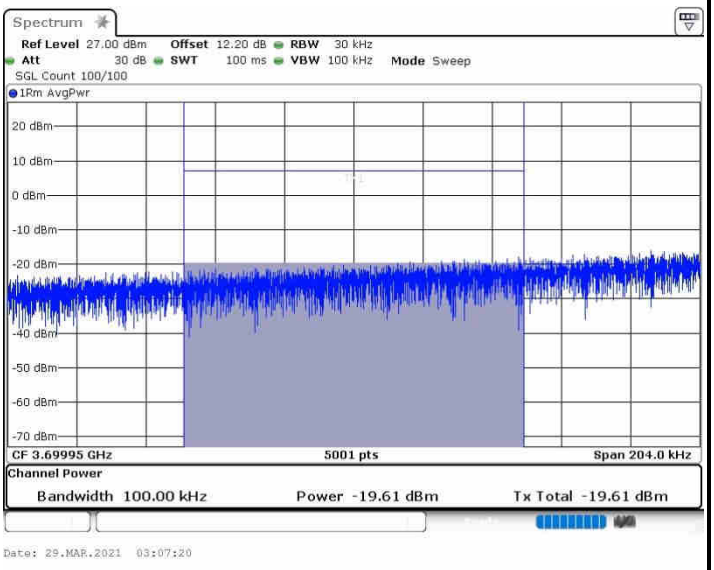
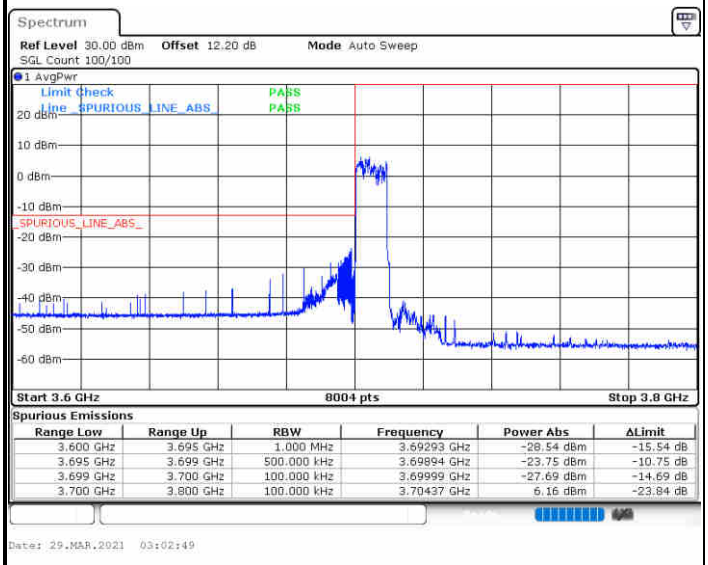
Mode	FR1 N77 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.90	19.06	19.02	18.86				

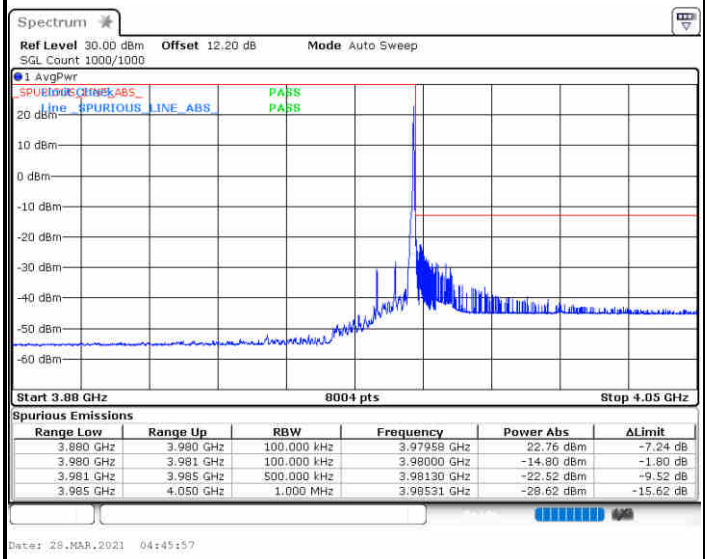
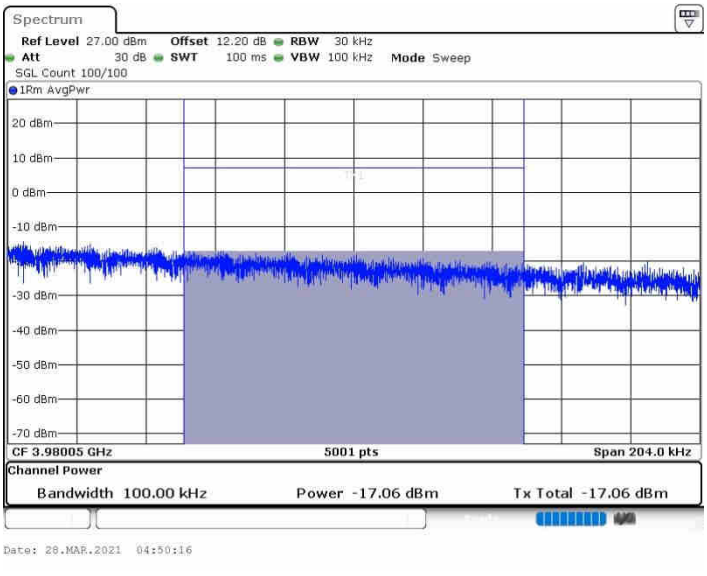
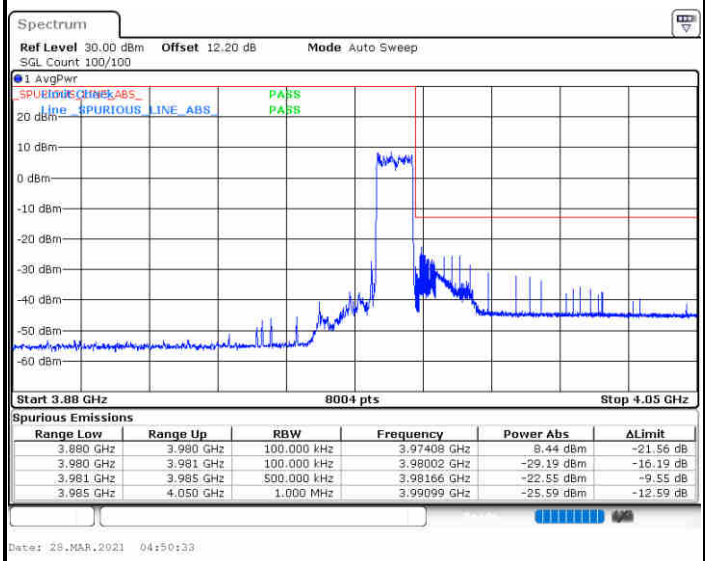
FR1 N77 / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

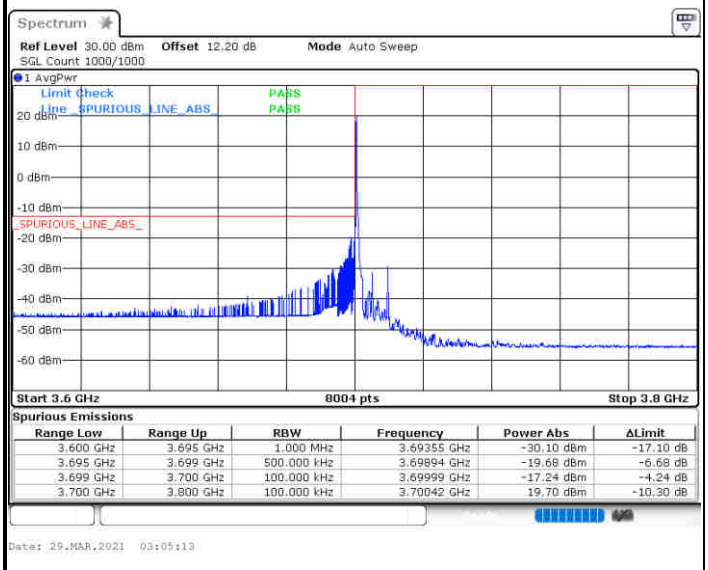
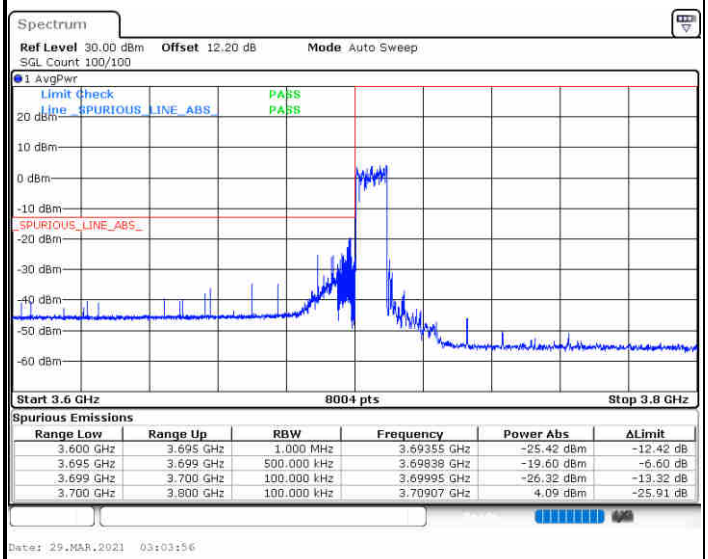
FR1 N77 / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

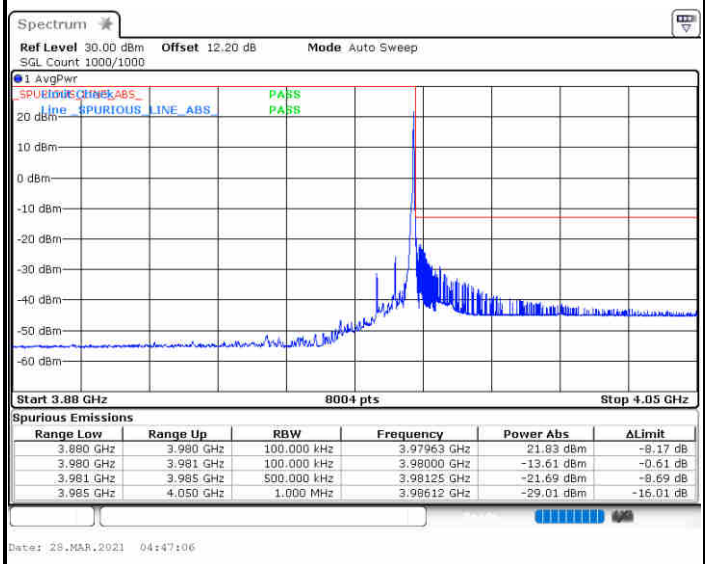
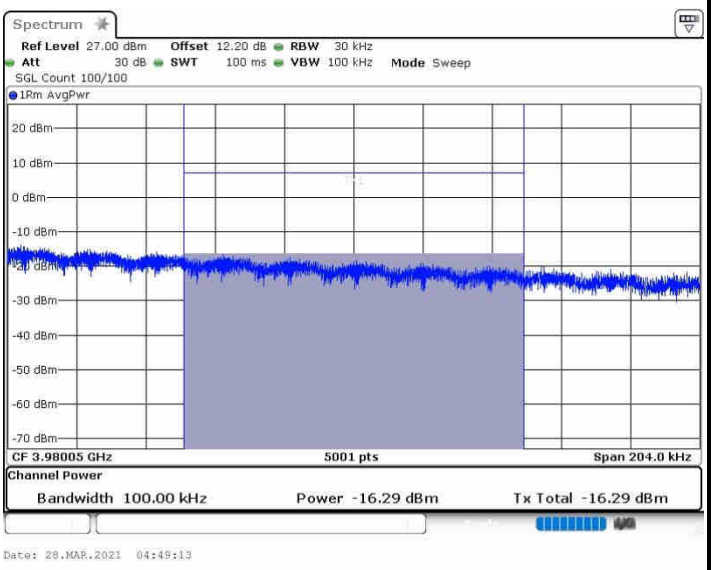
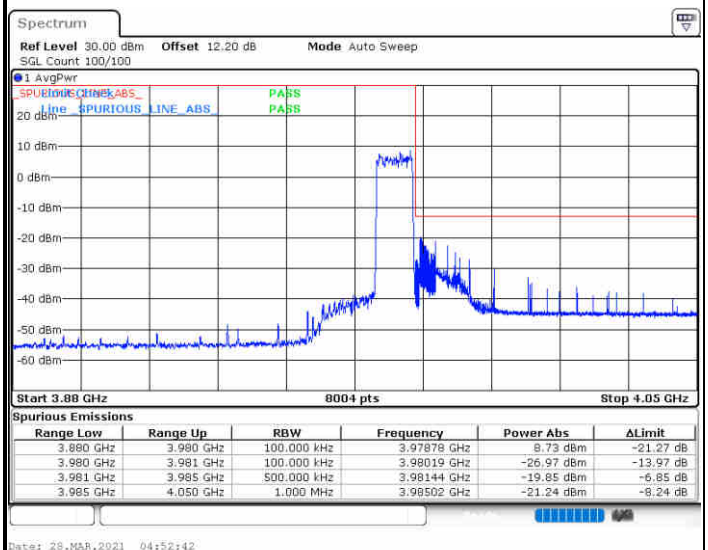
FR1 N77 / 20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

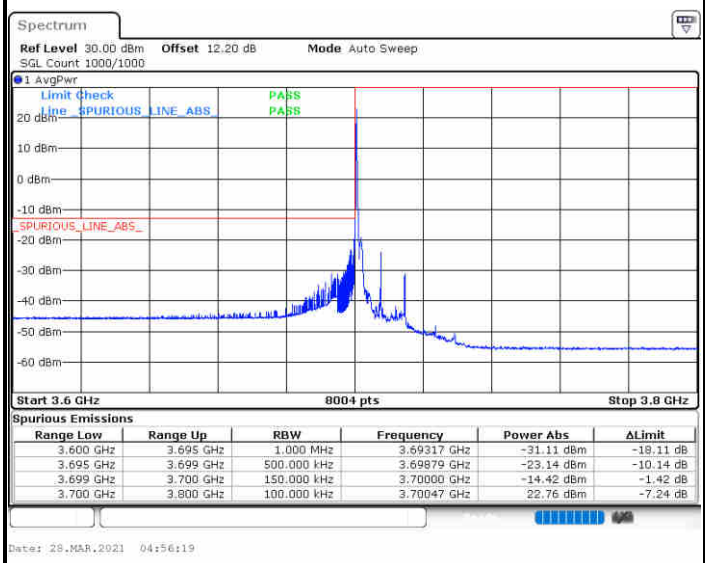
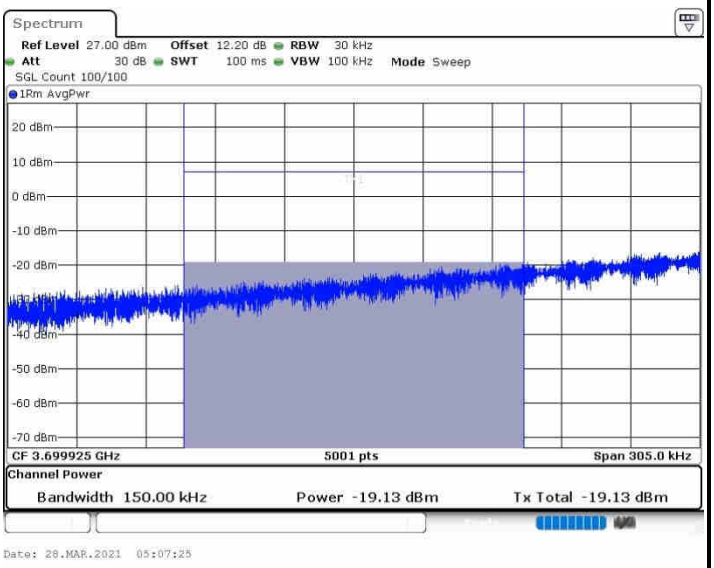
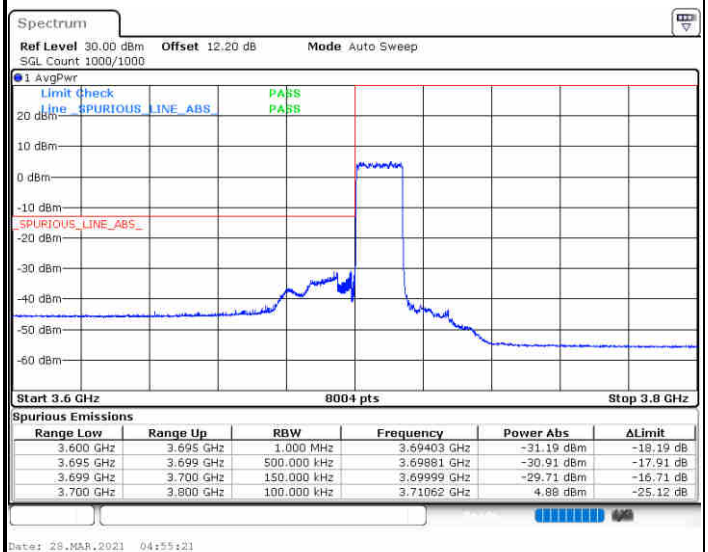
Conducted Band Edge

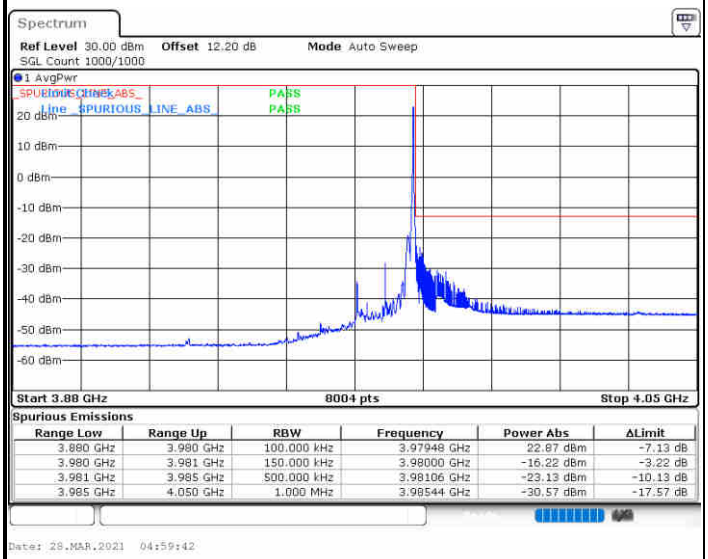
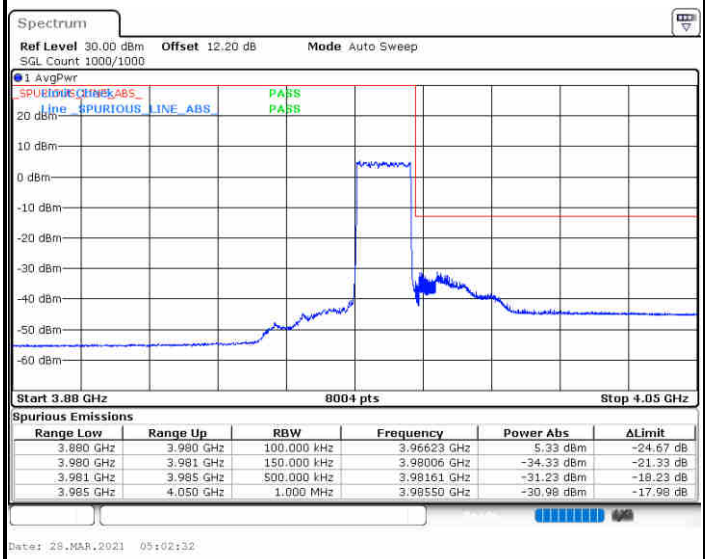
FR1 N77 / 10MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

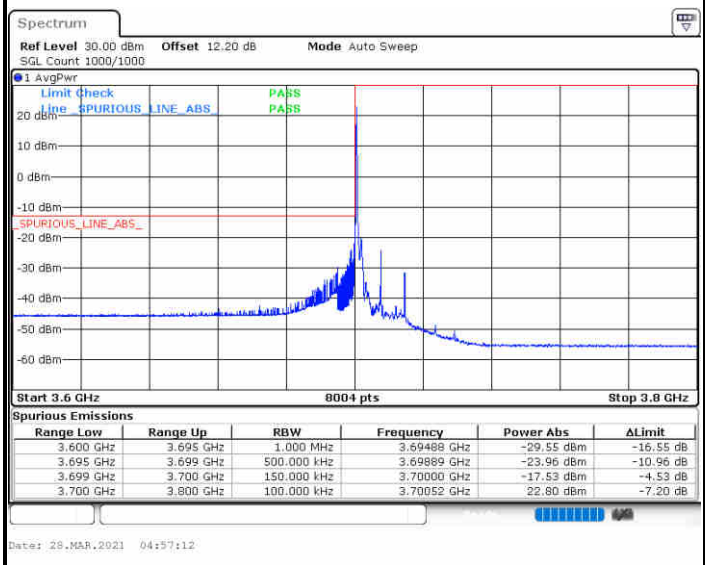
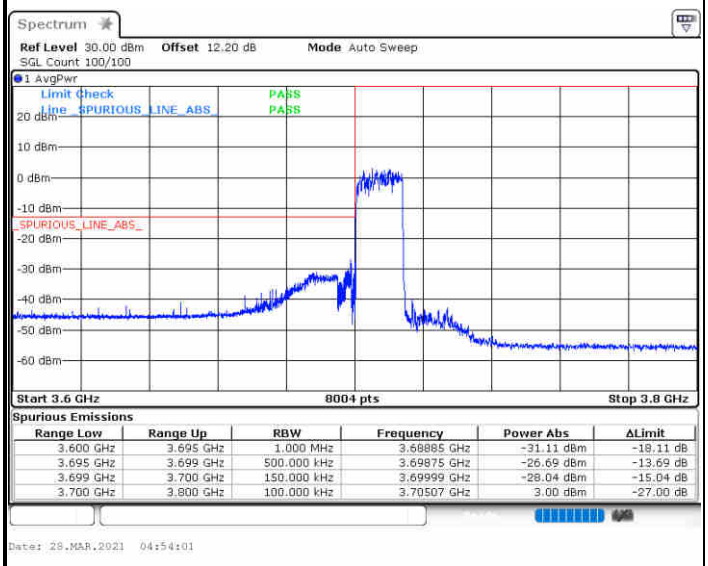
FR1 N77 / 10MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

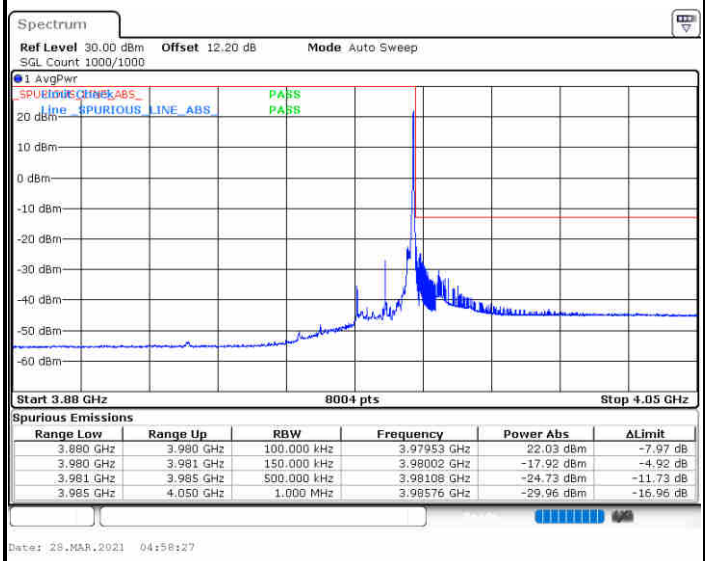
FR1 N77 / 10MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 10MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 15MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 15MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	/
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 15MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	**/**

FR1 N77 / 15MHz / DFT-S OFDM QPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
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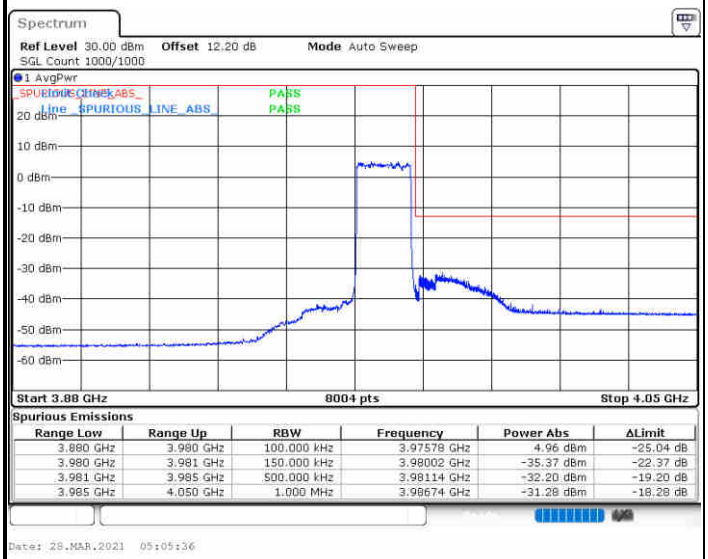
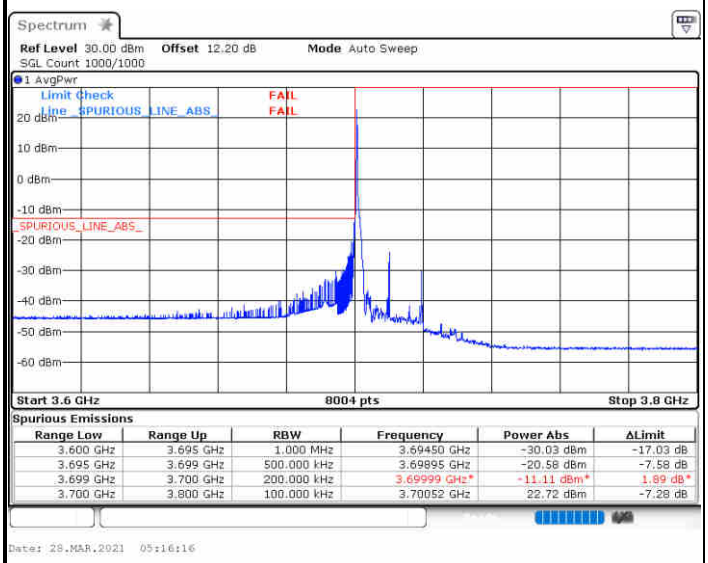
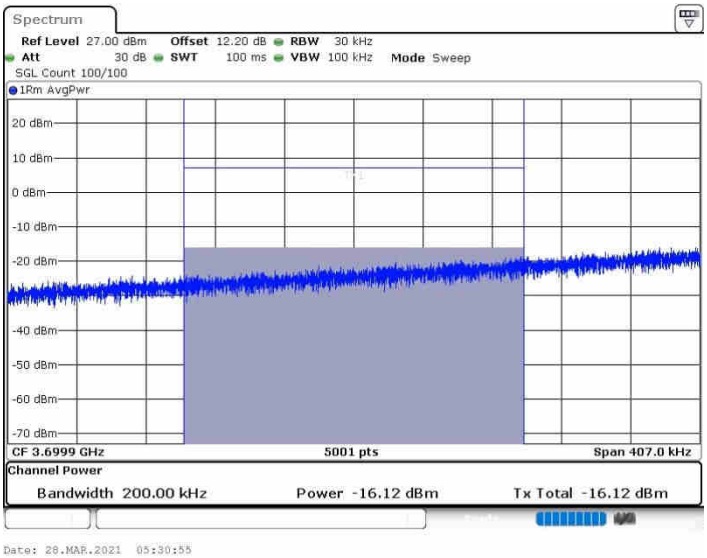
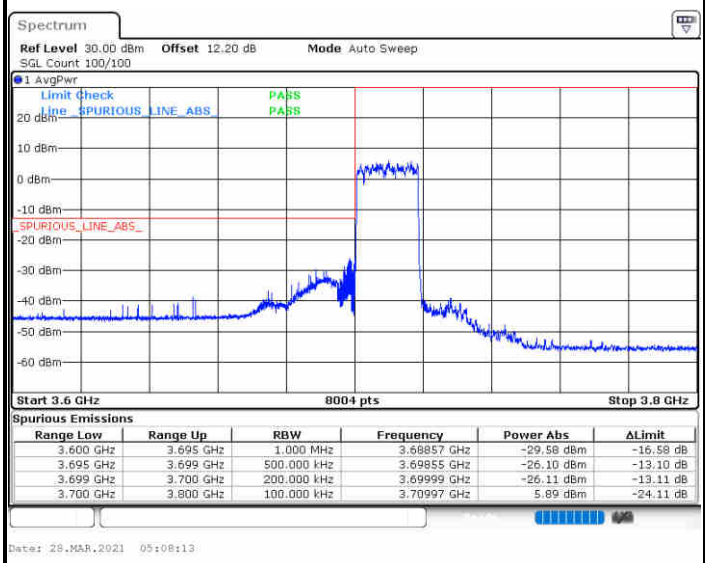
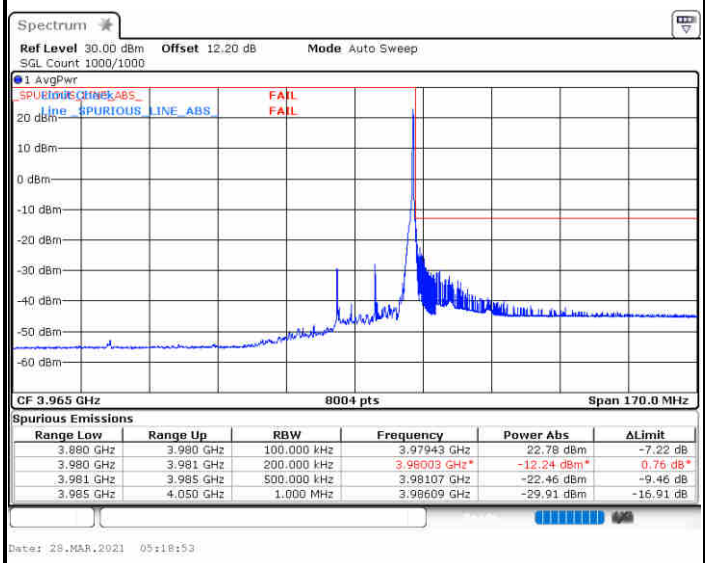
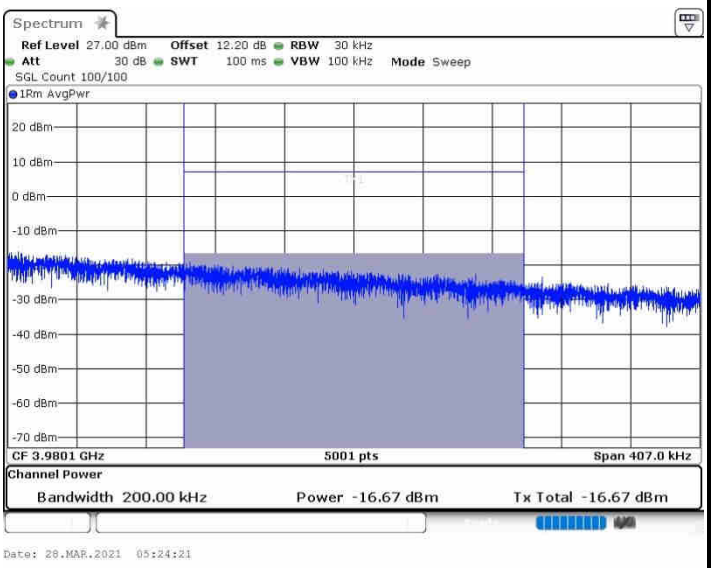
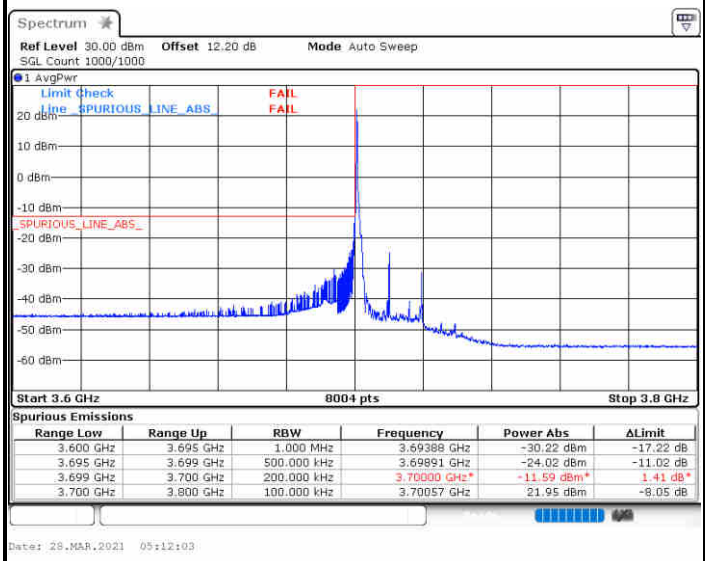
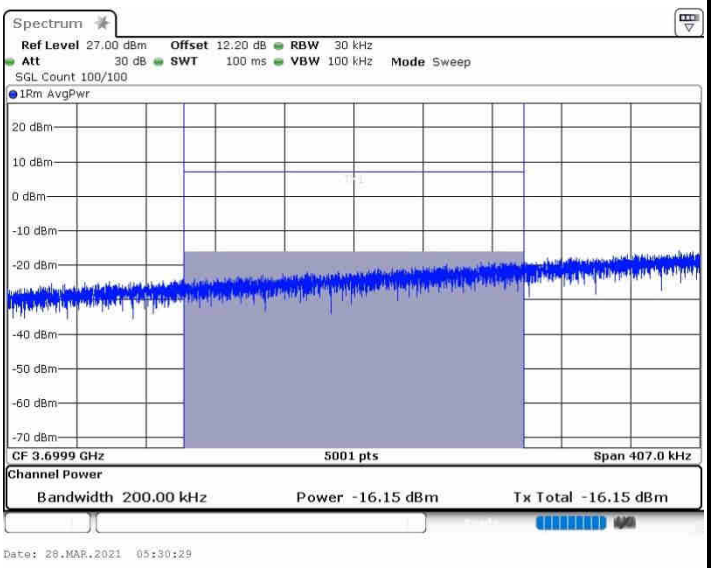
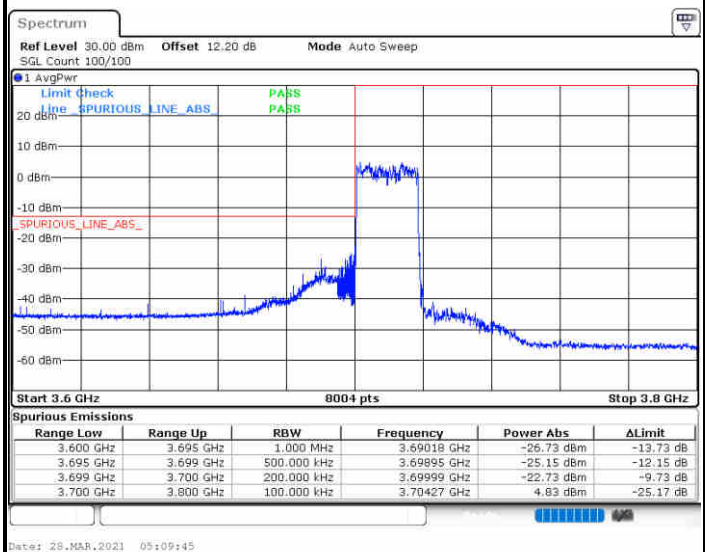
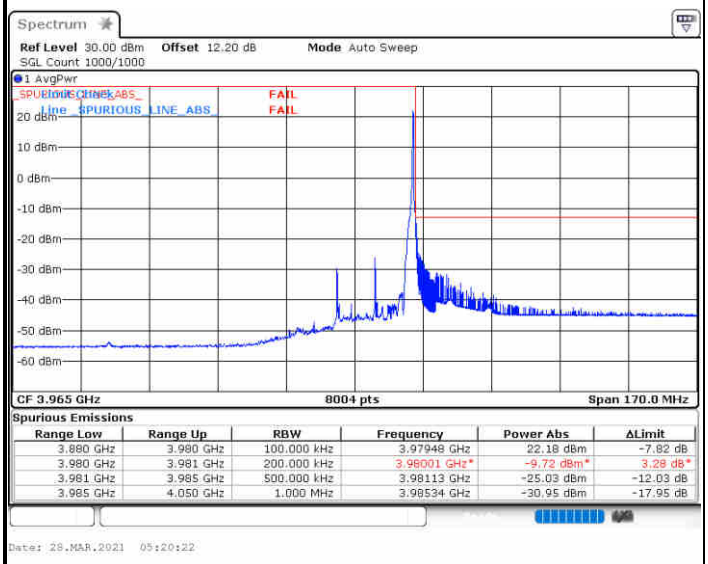
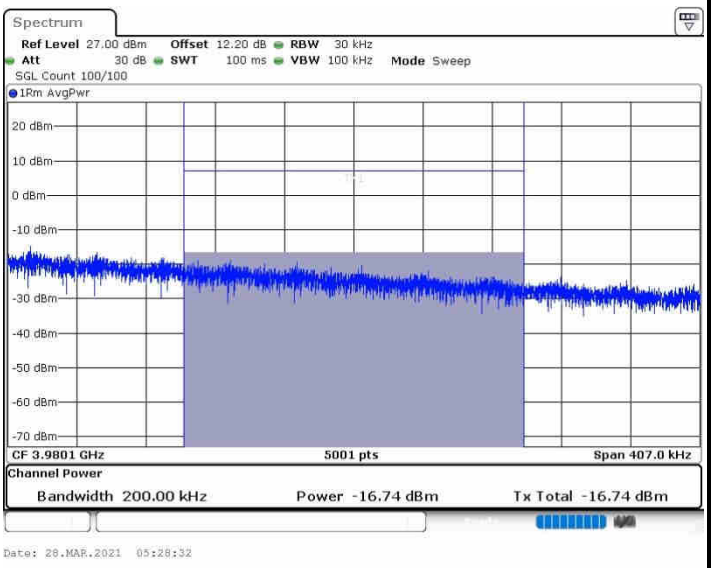
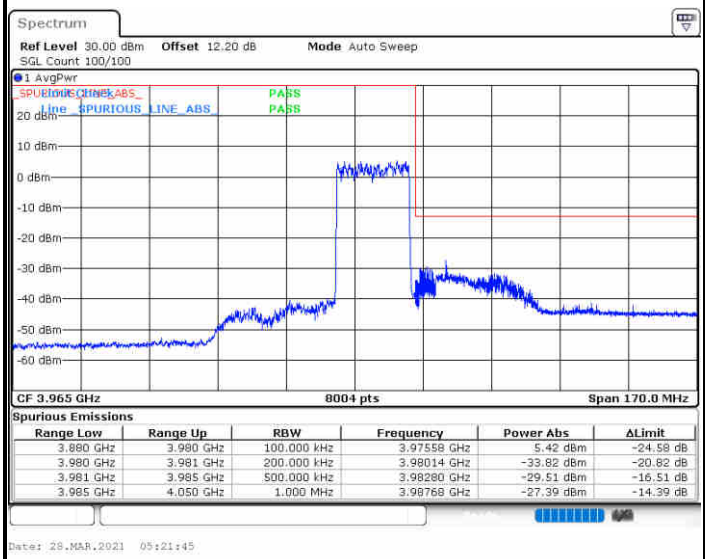
	/

FR1 N77 / 20MHz / DFT-S OFDM BPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 20MHz / DFT-S OFDM BPSK	
Highest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Highest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

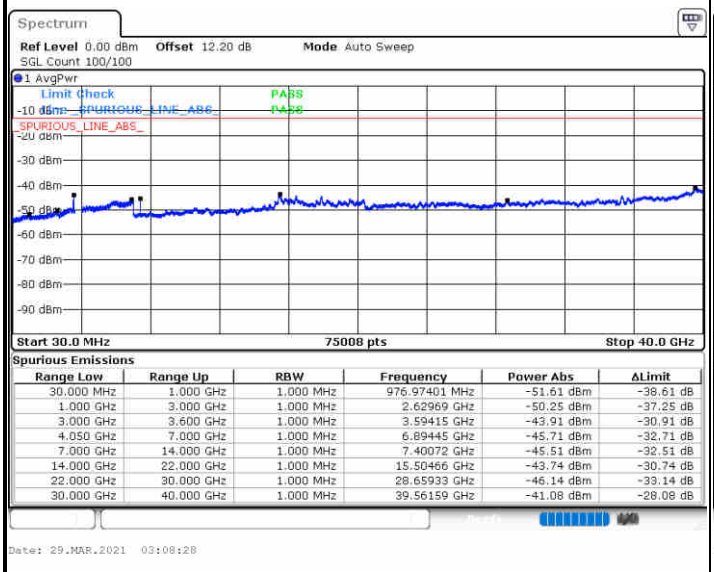
FR1 N77 / 20MHz / DFT-S OFDM QPSK	
Lowest Band Edge / 1 RB	**Channel Power < -13dBm Pass**
	
Lowest Band Edge / Full RB	**Channel Power < -13dBm Pass**
	/

FR1 N77 / 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 N77 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

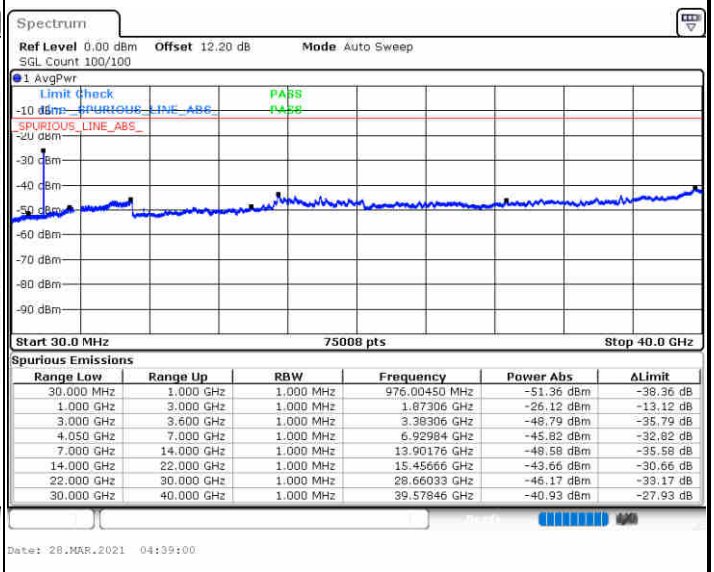


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-51.61 dBm	-38.61 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62969 GHz	-50.25 dBm	-37.25 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.59415 GHz	-43.91 dBm	-30.91 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.89445 GHz	-45.71 dBm	-32.71 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.40072 GHz	-45.51 dBm	-32.51 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.50466 GHz	-43.74 dBm	-30.74 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.65933 GHz	-46.14 dBm	-33.14 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.56159 GHz	-41.08 dBm	-28.08 dB

Date: 29.MAR.2021 03:08:28

Middle Channel / 1RB

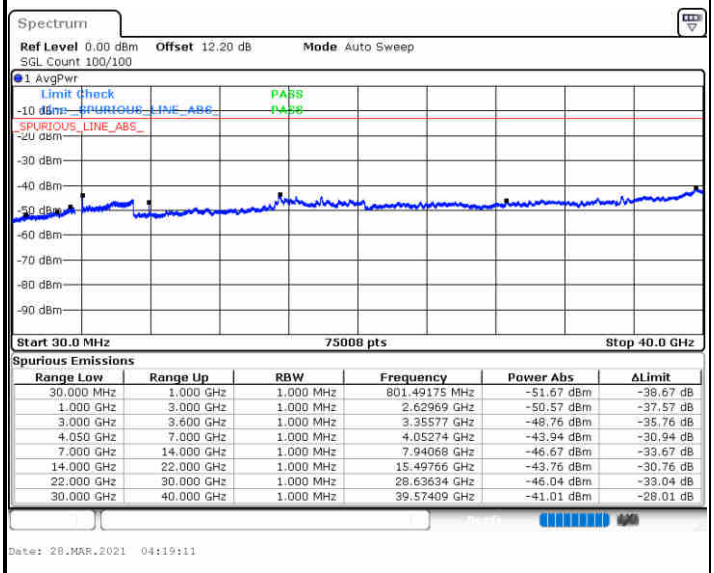


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-51.36 dBm	-38.36 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.87306 GHz	-26.12 dBm	-13.12 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.38306 GHz	-48.79 dBm	-35.79 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.92984 GHz	-45.82 dBm	-32.82 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.90176 GHz	-48.58 dBm	-35.58 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.45666 GHz	-43.66 dBm	-30.66 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.66033 GHz	-46.17 dBm	-33.17 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.57846 GHz	-40.93 dBm	-27.93 dB

Date: 28.MAR.2021 04:39:00

Highest Channel / 1RB

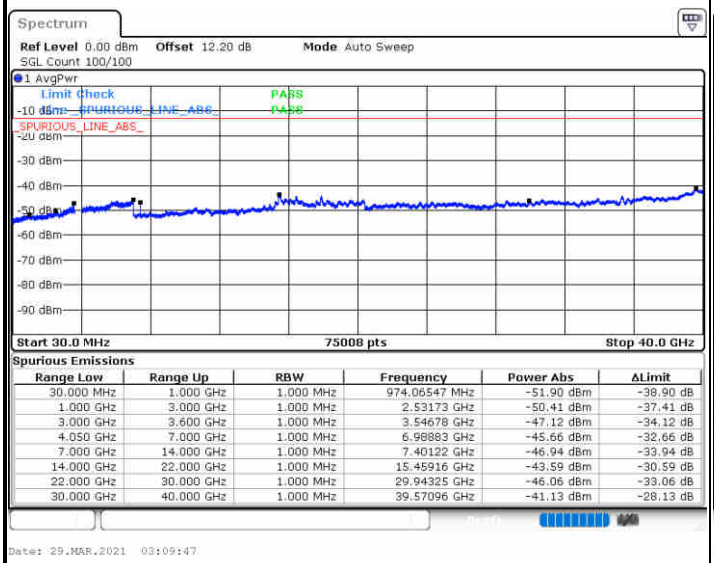


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	801.49175 MHz	-51.67 dBm	-38.67 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62969 GHz	-50.57 dBm	-37.57 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.35577 GHz	-48.76 dBm	-35.76 dB
4.050 GHz	7.000 GHz	1.000 MHz	4.05274 GHz	-43.94 dBm	-30.94 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.94068 GHz	-46.67 dBm	-33.67 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.49766 GHz	-43.76 dBm	-30.76 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.63634 GHz	-46.04 dBm	-33.04 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.57409 GHz	-41.01 dBm	-28.01 dB

Date: 28.MAR.2021 04:19:11

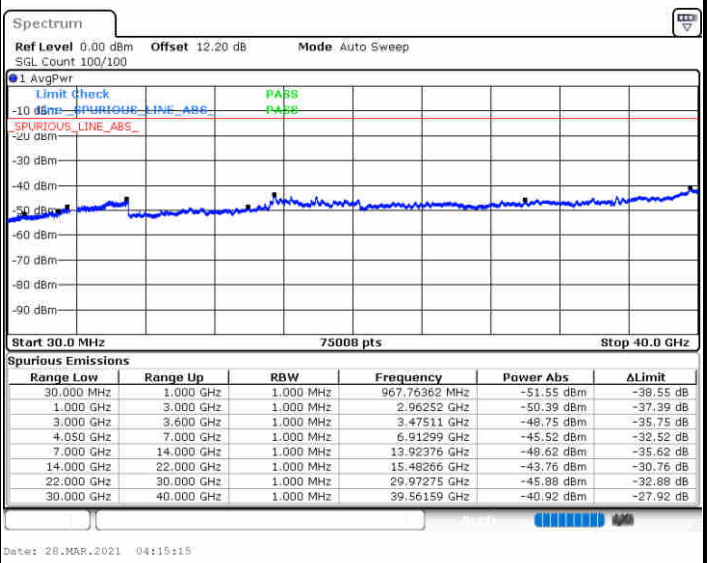
FR1 N77 / 10MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
Highest Channel / 1RB	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	974.06547 MHz	-51.90 dBm	-38.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53173 GHz	-50.41 dBm	-37.41 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.54678 GHz	-47.12 dBm	-34.12 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.98883 GHz	-45.66 dBm	-32.66 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.40122 GHz	-46.94 dBm	-33.94 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.45916 GHz	-43.59 dBm	-30.59 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.94325 GHz	-46.06 dBm	-33.06 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.57096 GHz	-41.13 dBm	-28.13 dB

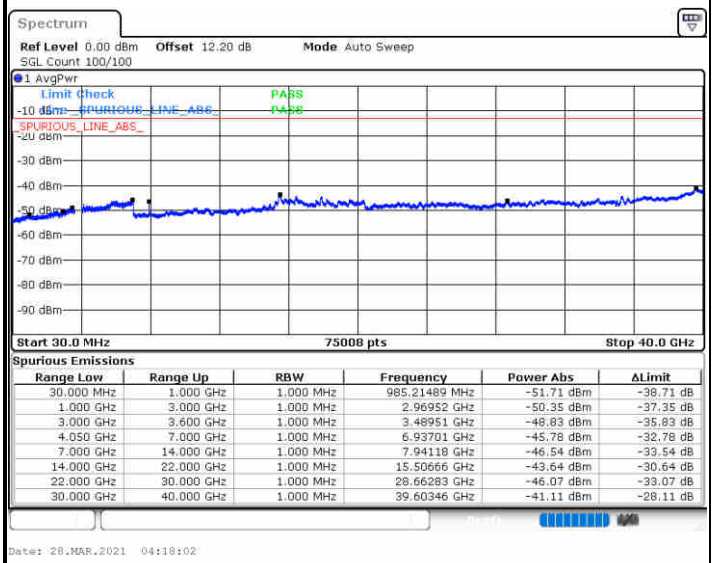
Date: 29.MAR.2021 03:09:47



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	967.76362 MHz	-51.55 dBm	-38.55 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96252 GHz	-50.39 dBm	-37.39 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.47511 GHz	-48.75 dBm	-35.75 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.91299 GHz	-45.52 dBm	-32.52 dB
7.000 GHz	14.000 GHz	1.000 MHz	13.92376 GHz	-48.62 dBm	-35.62 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.48266 GHz	-43.76 dBm	-30.76 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.97275 GHz	-45.88 dBm	-32.88 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.56159 GHz	-40.92 dBm	-27.92 dB

Date: 28.MAR.2021 04:15:15



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	985.21489 MHz	-51.71 dBm	-38.71 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96952 GHz	-50.35 dBm	-37.35 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.48951 GHz	-48.83 dBm	-35.83 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.93701 GHz	-45.78 dBm	-32.78 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.94118 GHz	-46.54 dBm	-33.54 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.50666 GHz	-43.64 dBm	-30.64 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.66283 GHz	-46.07 dBm	-33.07 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.60346 GHz	-41.11 dBm	-28.11 dB

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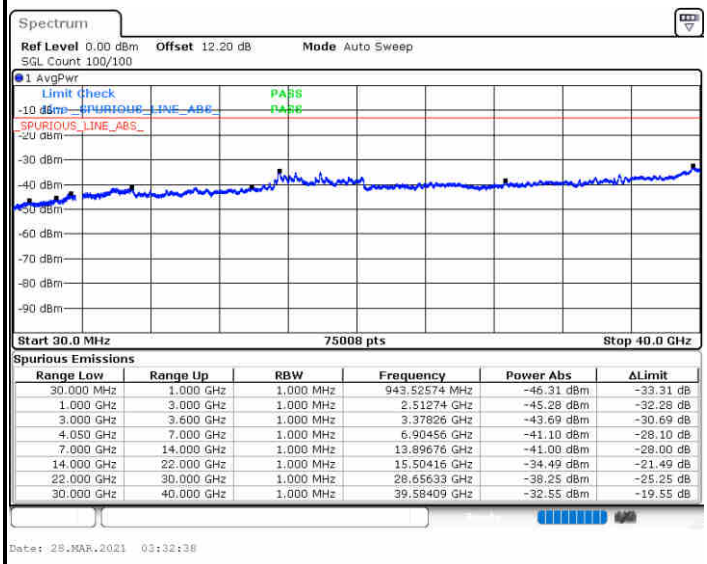
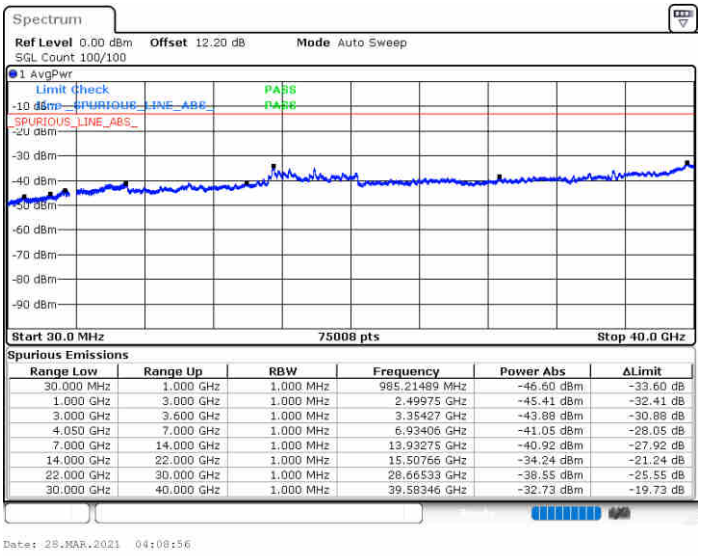
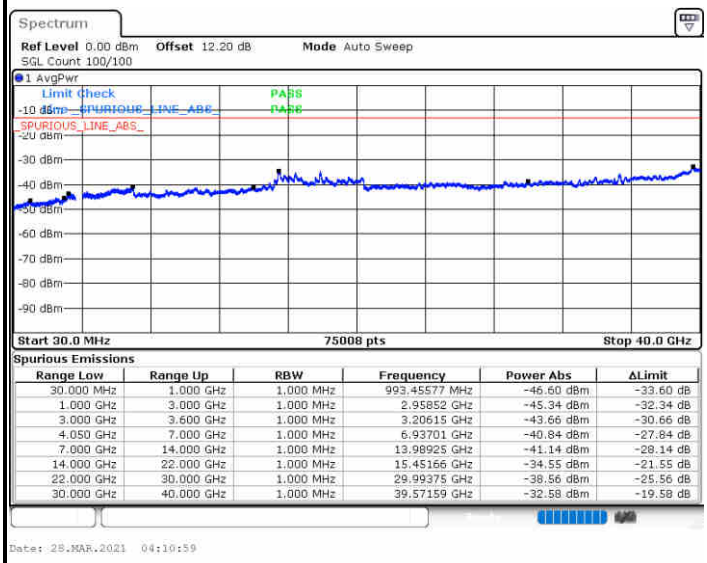
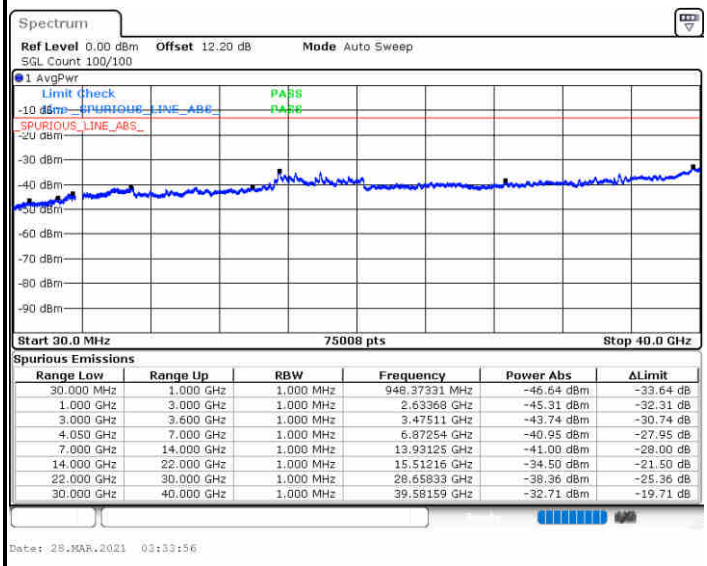
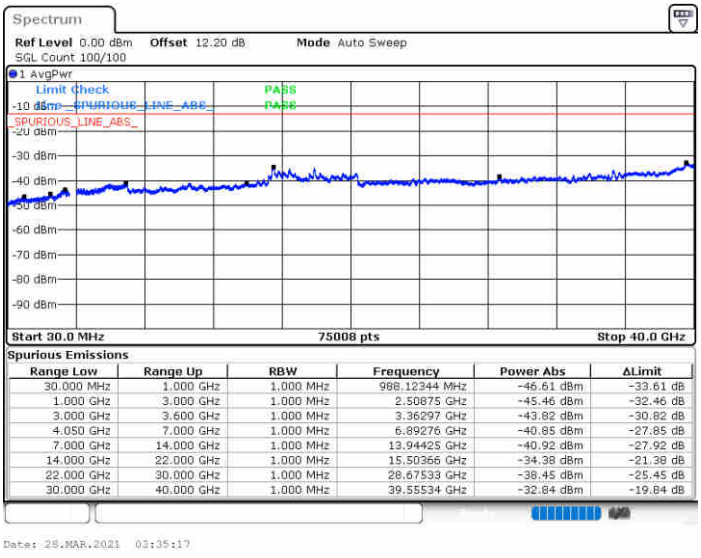
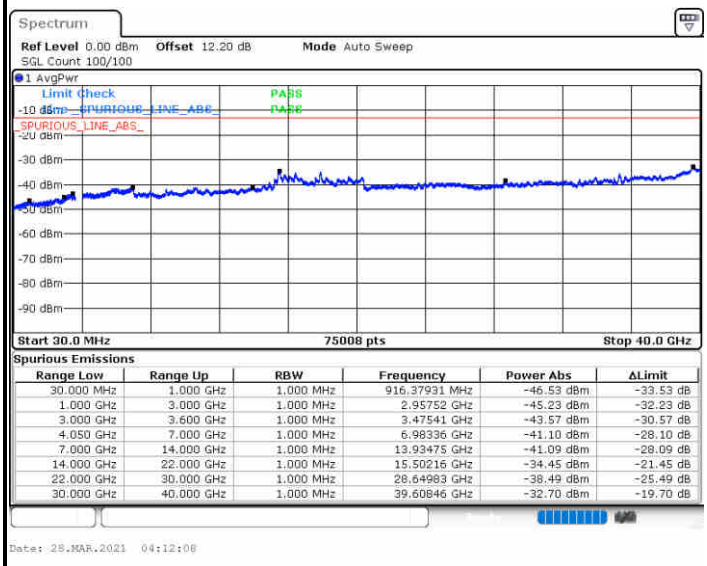
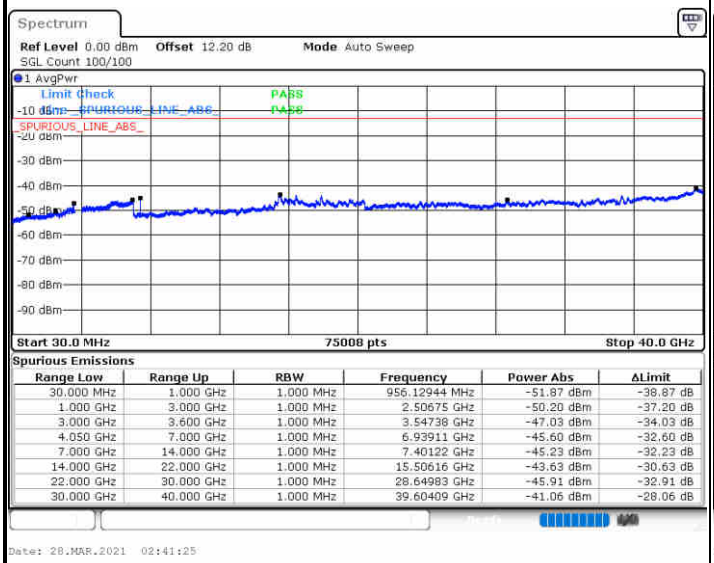
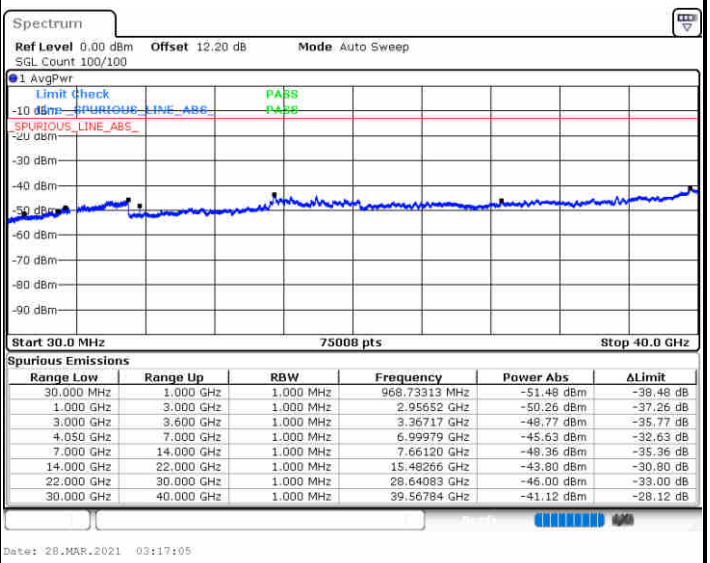
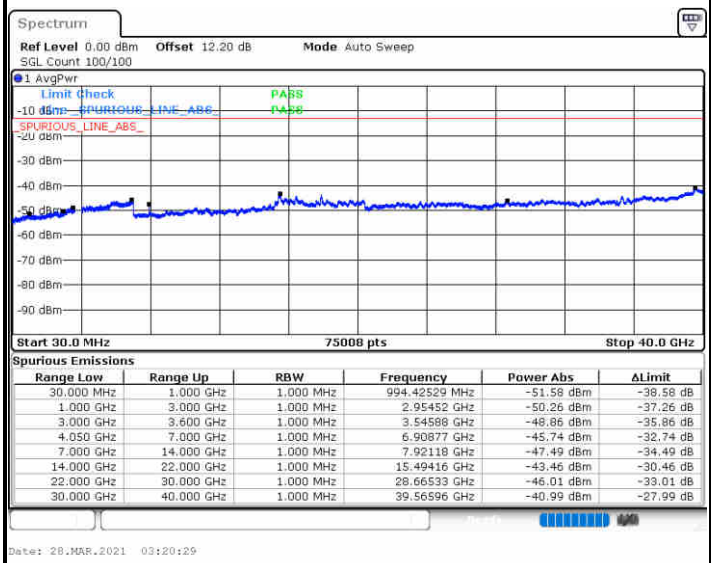
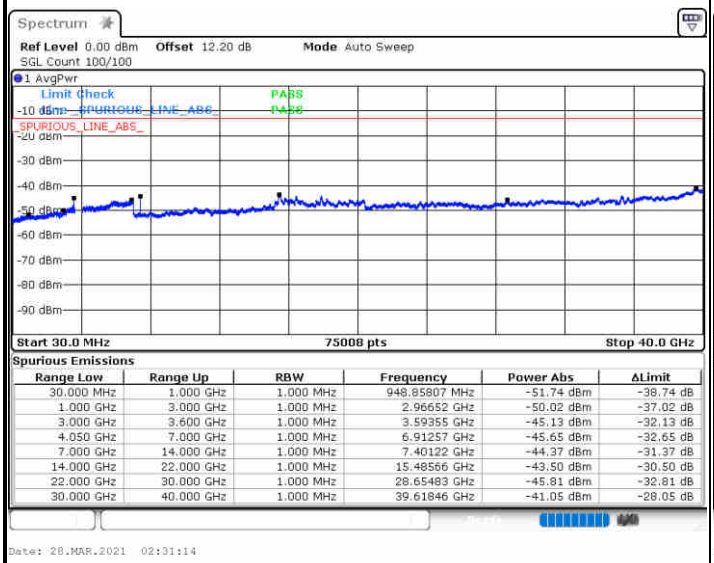
FR1 N77 / 15MHz / DFT-S OFDM / BPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

FR1 N77 / 15MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

FR1 N77 / 20MHz / DFT-S OFDM / BPSK	
Lowest Channel / 1RB	**Middle Channel / 1RB**
	
Highest Channel / 1RB	
	

FR1 N77 / 20MHz / 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	1.000 GHz	1.000 MHz	948.85807 MHz	-51.74 dBm	-38.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96652 GHz	-50.02 dBm	-37.02 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.59355 GHz	-45.13 dBm	-32.13 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.91257 GHz	-45.65 dBm	-32.65 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.40122 GHz	-44.37 dBm	-31.37 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.48566 GHz	-43.50 dBm	-30.50 dB
22.000 GHz	30.000 GHz	1.000 MHz	28.65483 GHz	-45.81 dBm	-32.81 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.61846 GHz	-41.05 dBm	-28.05 dB

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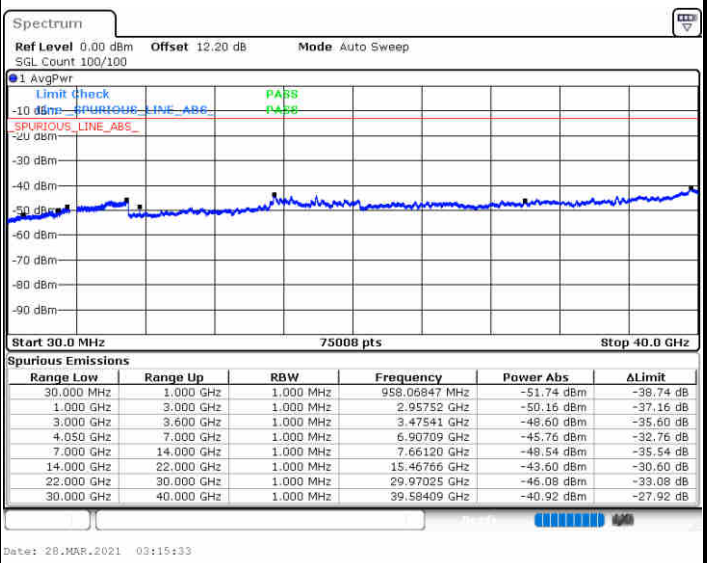
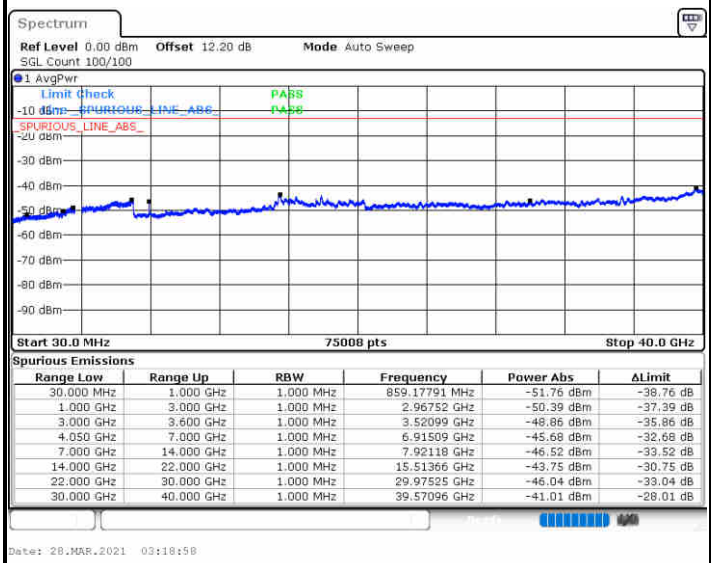


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	958.06847 MHz	-51.74 dBm	-38.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95752 GHz	-50.16 dBm	-37.16 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.47541 GHz	-48.60 dBm	-35.60 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.90709 GHz	-45.76 dBm	-32.76 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.66120 GHz	-48.54 dBm	-35.54 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.46766 GHz	-43.60 dBm	-30.60 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.97025 GHz	-46.08 dBm	-33.08 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.58409 GHz	-40.92 dBm	-27.92 dB

Date: 28.MAR.2021 03:15:33



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	859.17791 MHz	-51.76 dBm	-38.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96752 GHz	-50.39 dBm	-37.39 dB
3.000 GHz	3.600 GHz	1.000 MHz	3.52099 GHz	-48.86 dBm	-35.86 dB
4.050 GHz	7.000 GHz	1.000 MHz	6.91509 GHz	-45.68 dBm	-32.68 dB
7.000 GHz	14.000 GHz	1.000 MHz	7.92118 GHz	-46.52 dBm	-33.52 dB
14.000 GHz	22.000 GHz	1.000 MHz	15.51366 GHz	-43.75 dBm	-30.75 dB
22.000 GHz	30.000 GHz	1.000 MHz	29.97525 GHz	-46.04 dBm	-33.04 dB
30.000 GHz	40.000 GHz	1.000 MHz	39.57096 GHz	-41.01 dBm	-28.01 dB

Date: 28.MAR.2021 03:18:58

Frequency Stability

Test Conditions		NR N77 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0019	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0013	

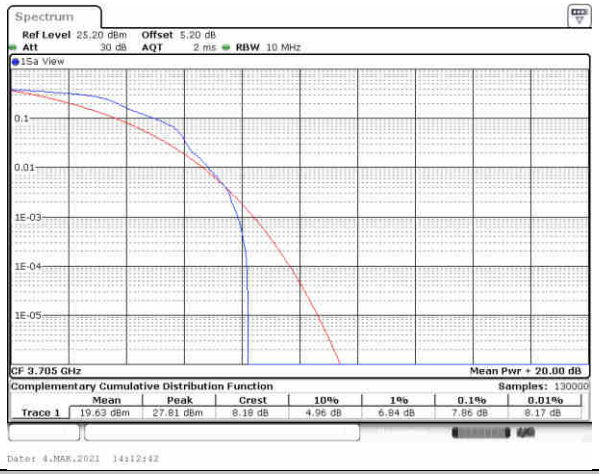
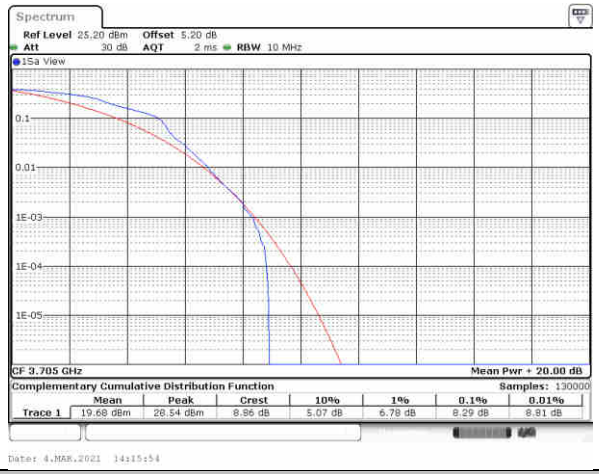
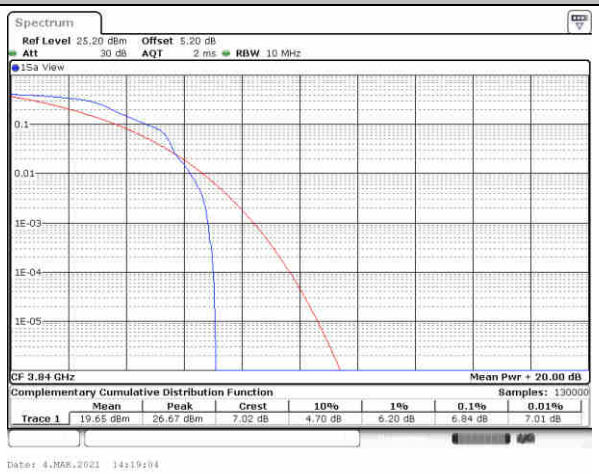
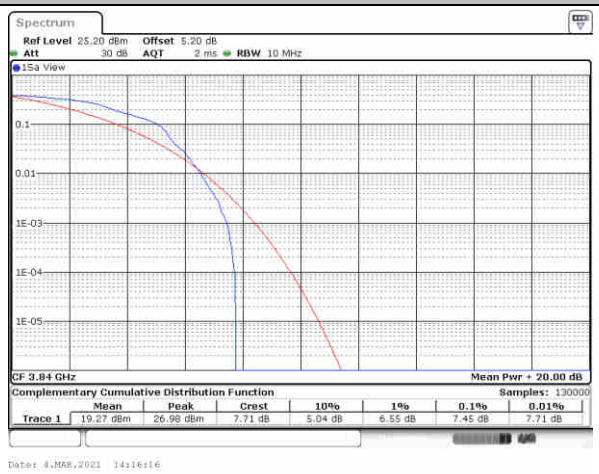
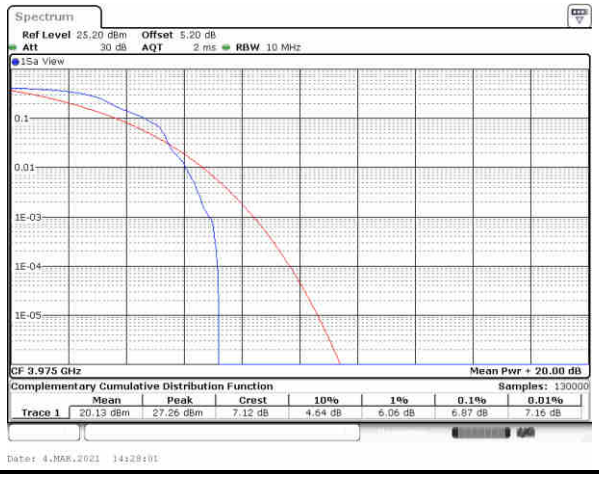
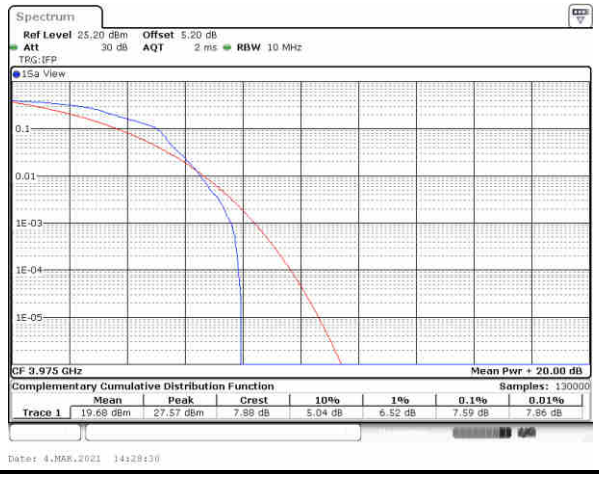
Note:

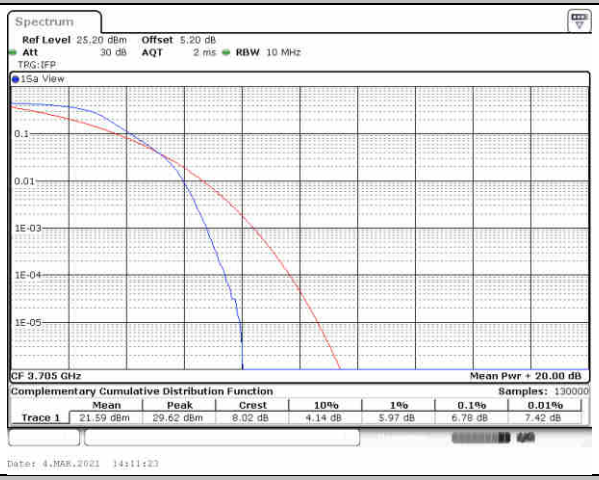
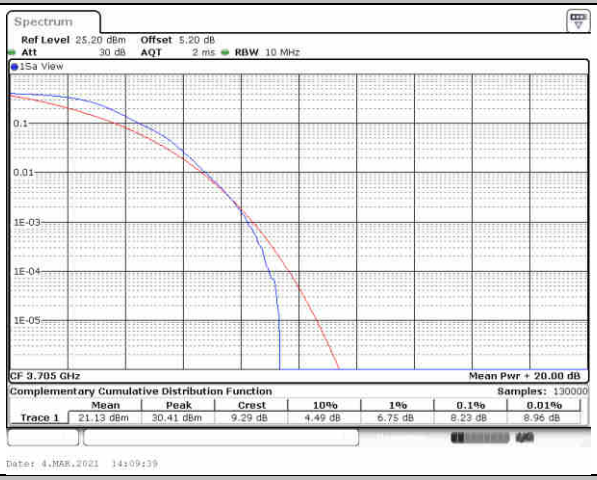
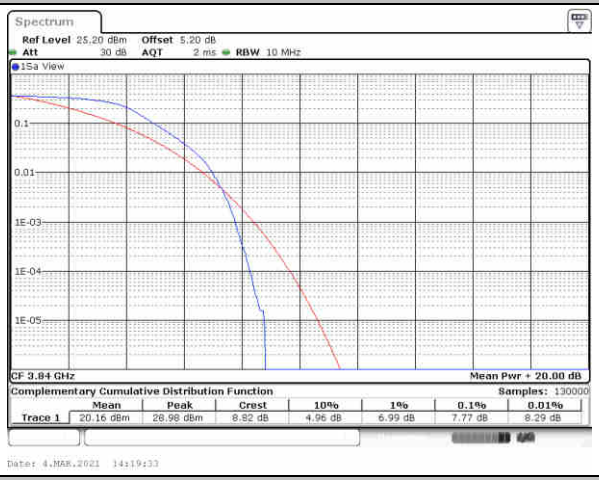
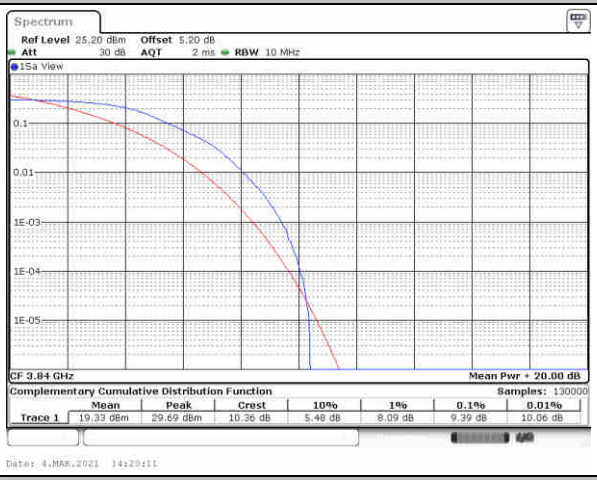
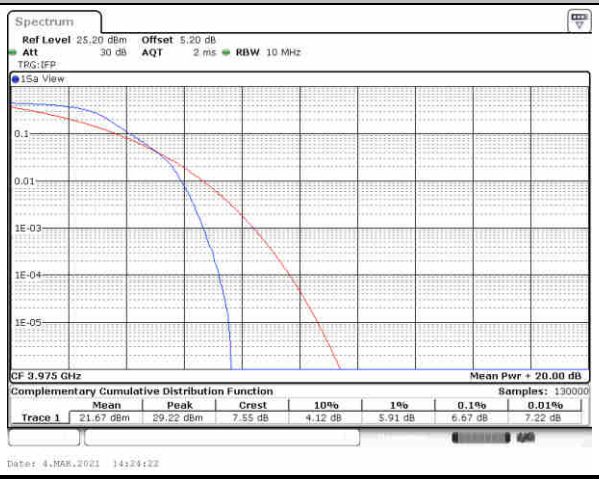
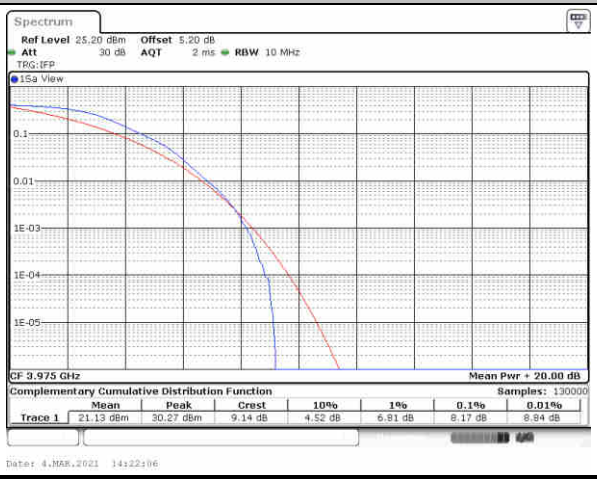
1. Normal Voltage =3.3 V.；Battery End Point (BEP) =3.14 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

5G NR n77 NSA-SCS 30K

Peak-to-Average Ratio

Mode	FR1 n77 / 10MHz / 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	7.86	6.78	8.29	8.23	PASS
Middle CH	6.84	7.77	7.45	9.39	
Highest CH	6.87	6.67	7.59	8.17	

FR1 n77 / 10MHz / 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 n77 / 10MHz / 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 n77 : 26dB BW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	9.09	9.29	9.21	9.09				

Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	14.42	14.51	14.33	14.51				

Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	19.02	19.14	19.54	19.06				

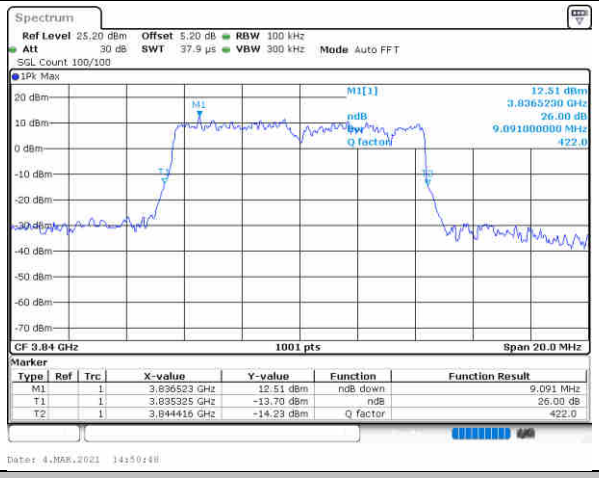
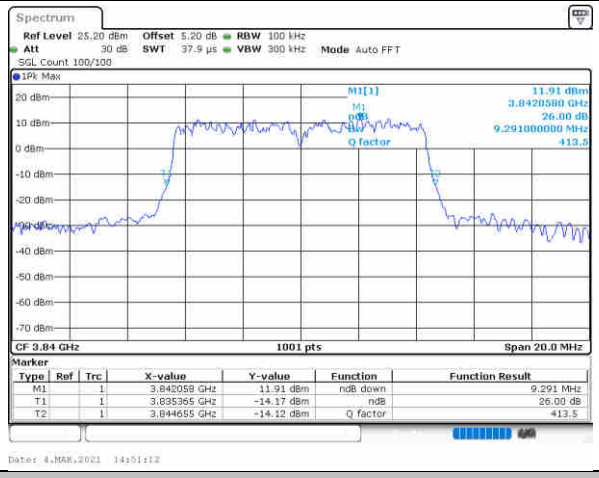
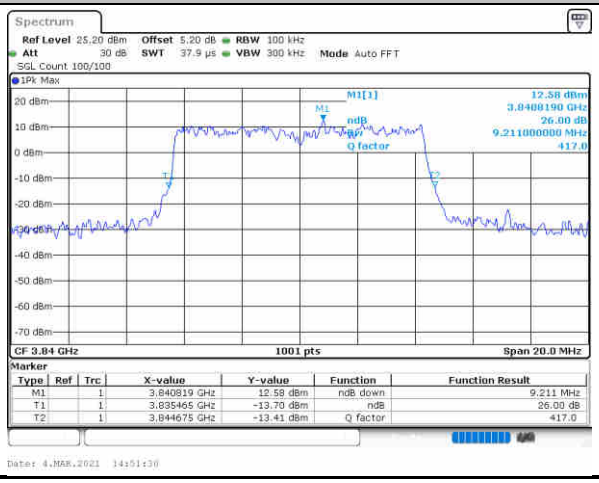
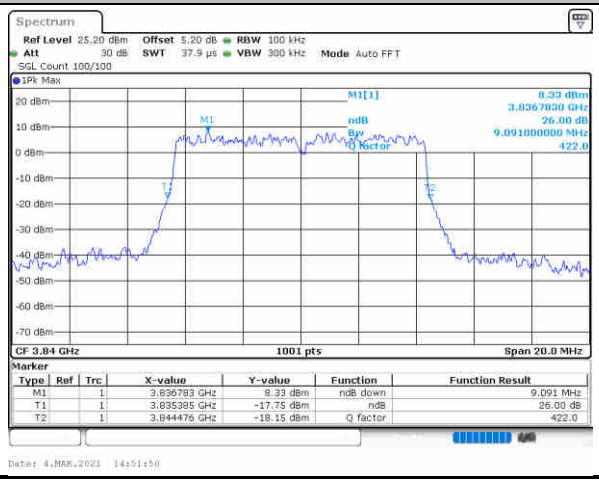
Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	40MHz	40MHz	40MHz	40MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	40.28	40.20	40.28	40.36				

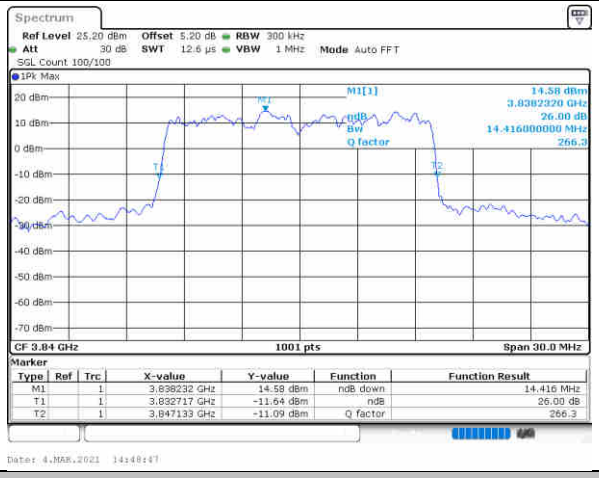
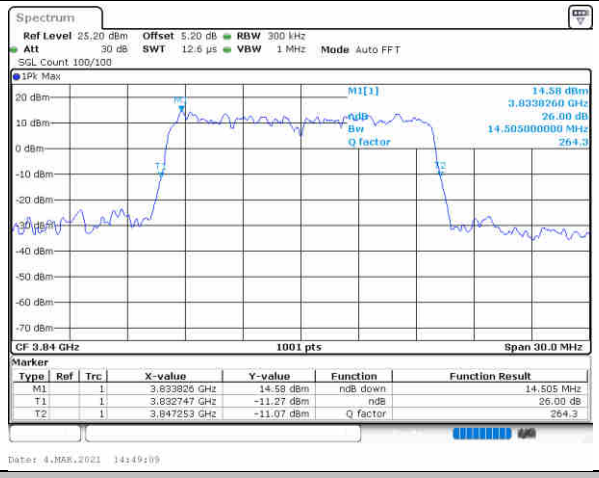
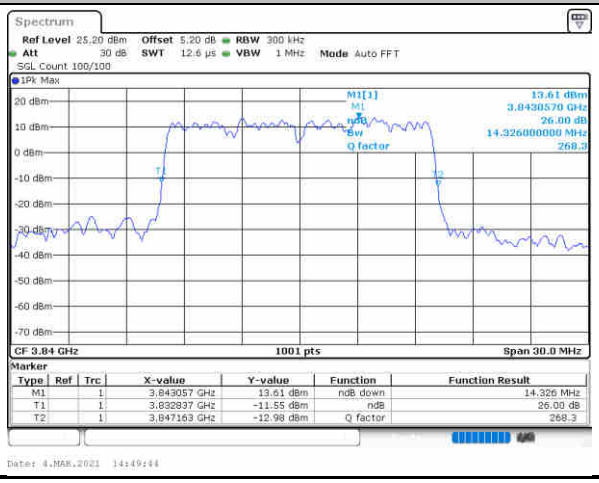
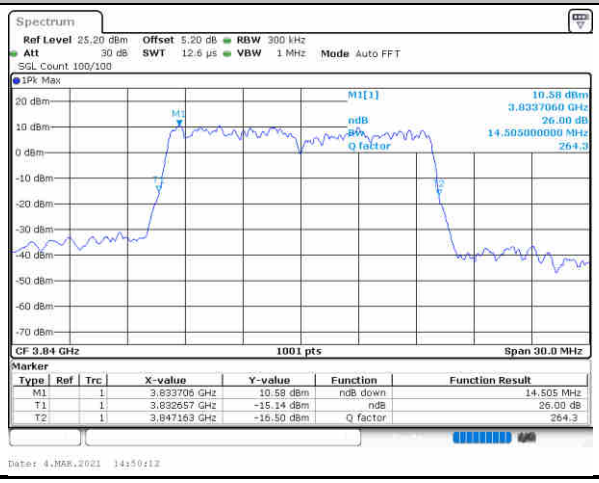
Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	50MHz	50MHz	50MHz	50MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	49.75	49.75	49.55	49.95				

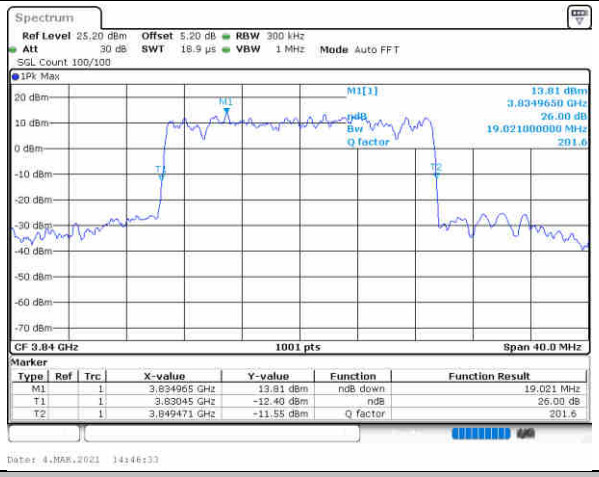
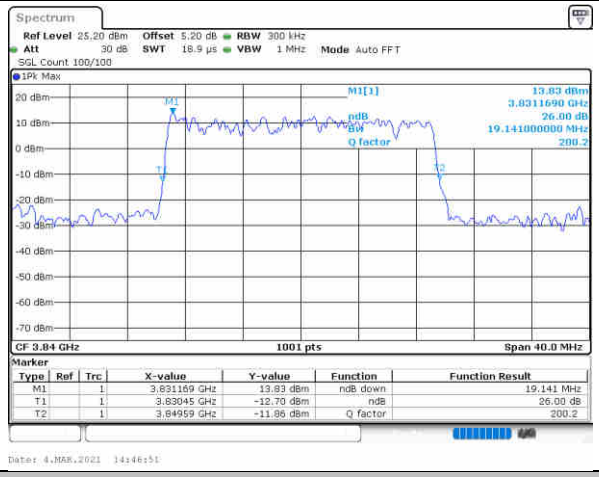
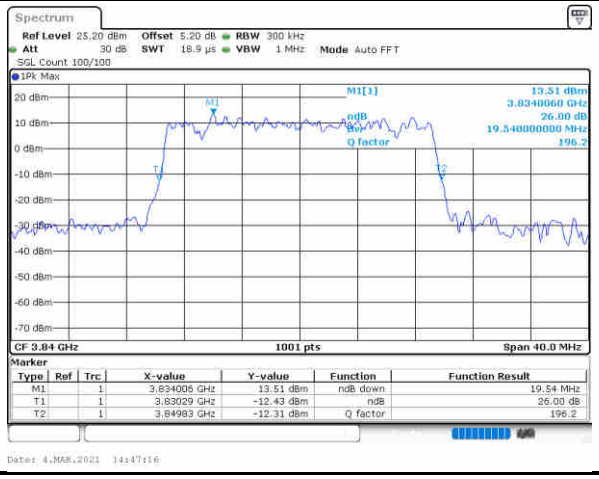
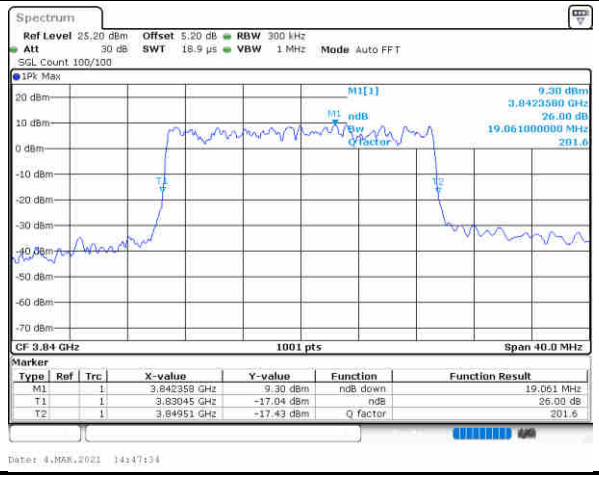
Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	60MHz	60MHz	60MHz	60MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	60.54	60.18	60.66	60.30				

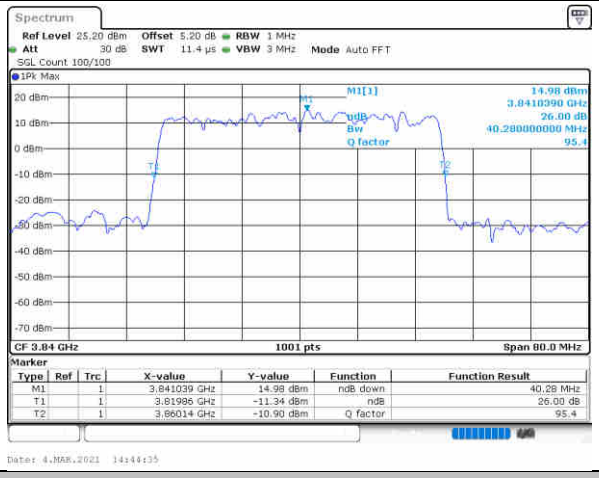
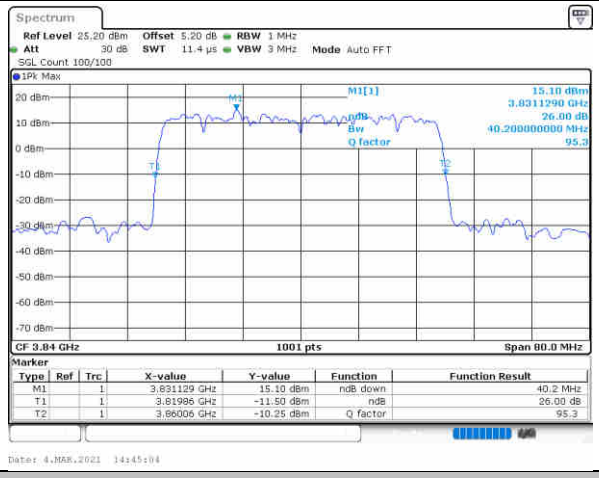
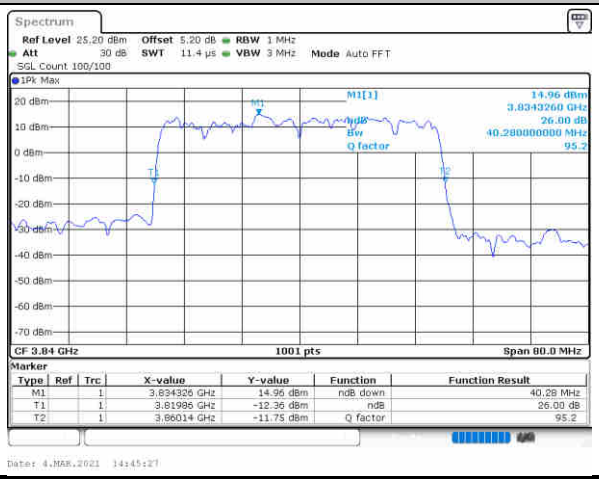
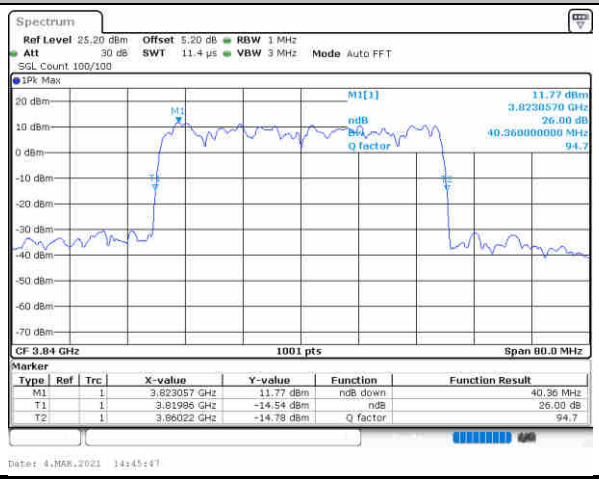
Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	80MHz	80MHz	80MHz	80MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	80.08	80.24	79.92	79.92				

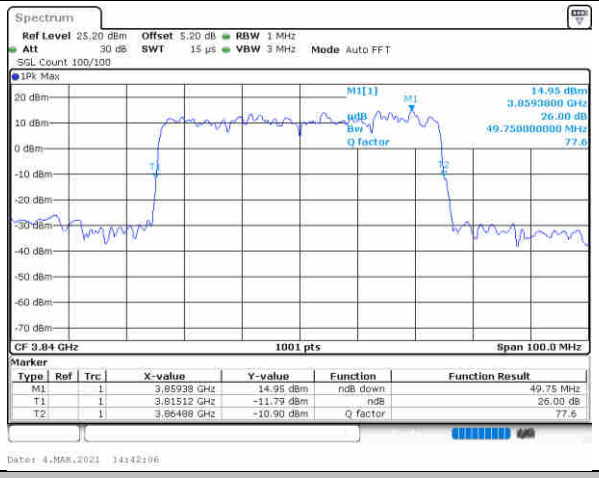
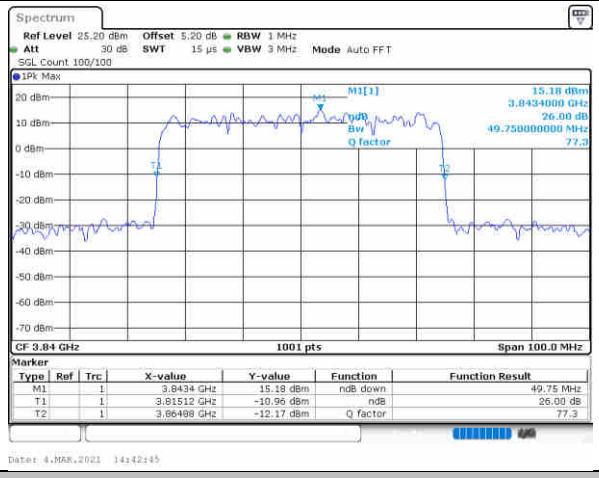
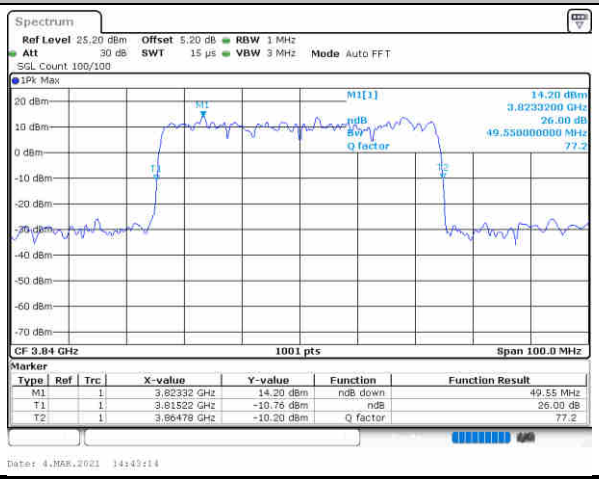
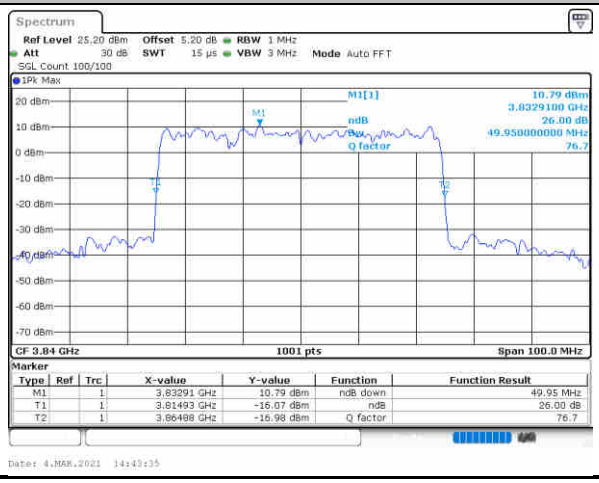
Mode	FR1 n77 : 26dB BW(MHz) / CP-OFDM							
BW	100MHz	100MHz	100MHz	100MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	100.10	100.90	100.30	100.50				

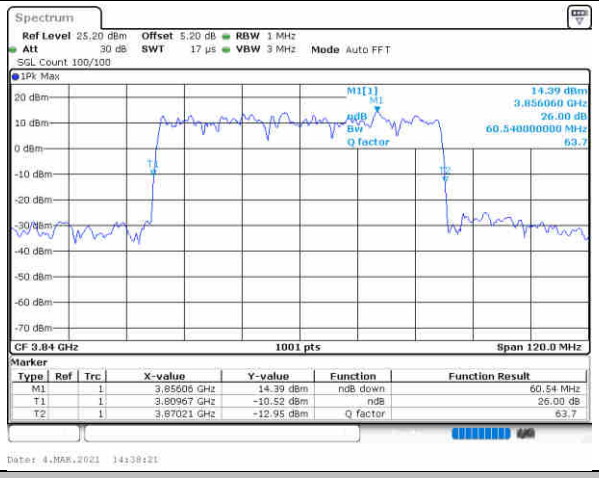
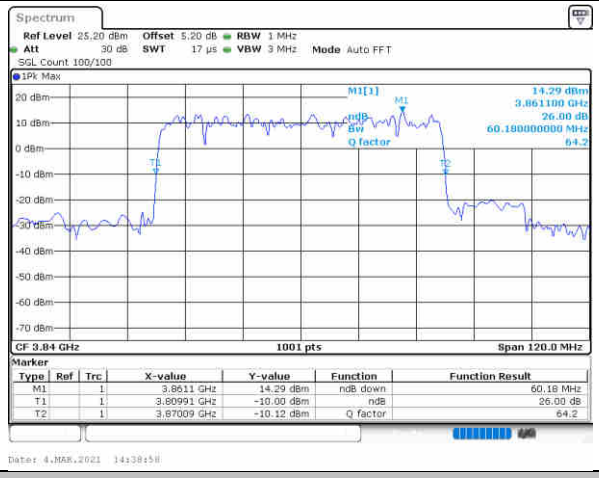
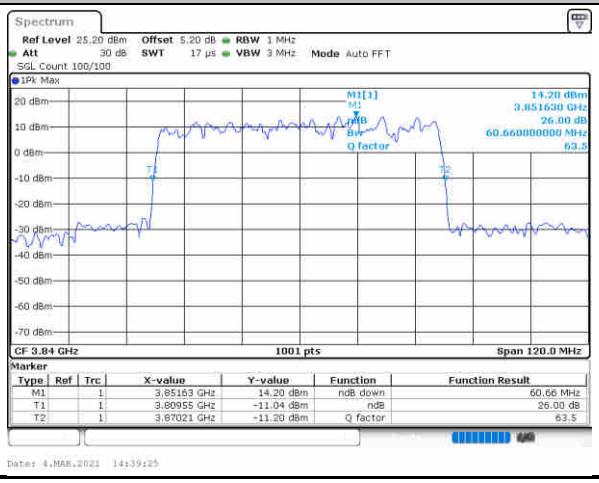
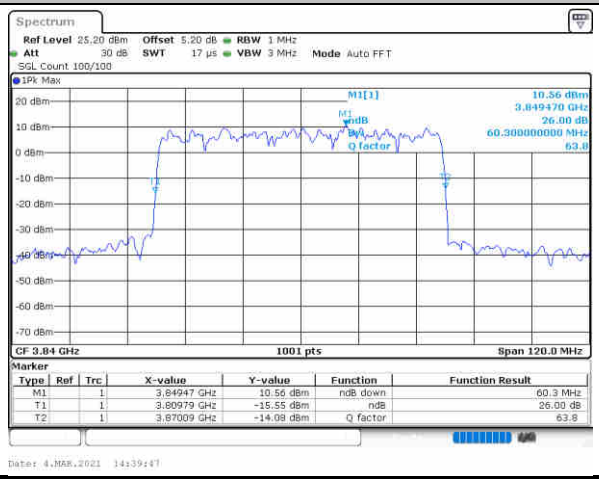
FR1 n77 / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

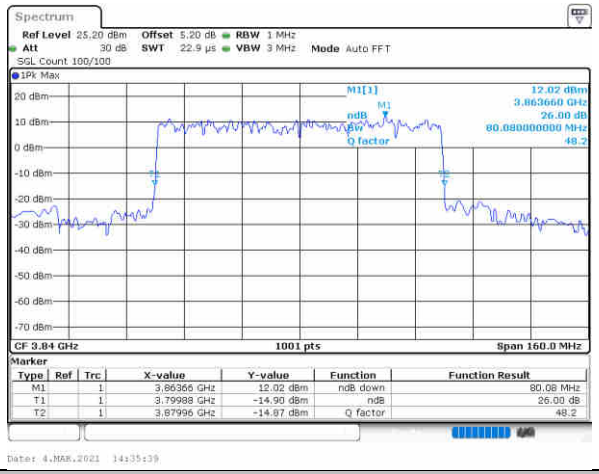
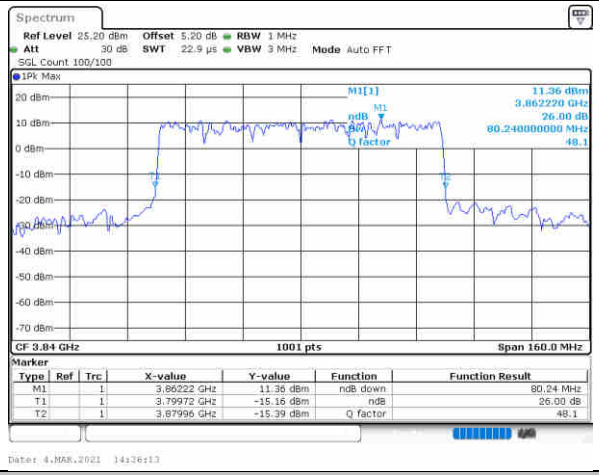
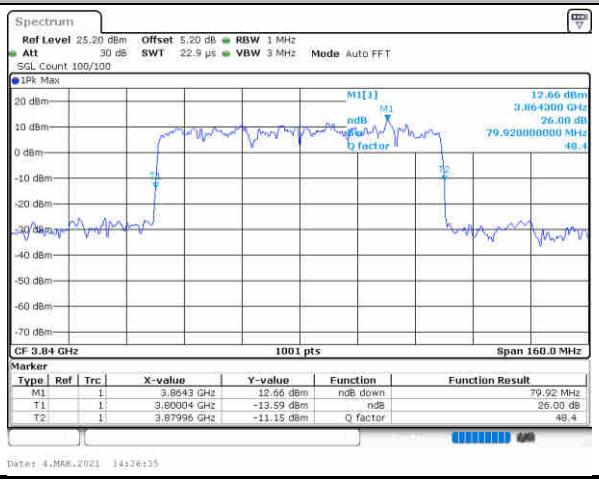
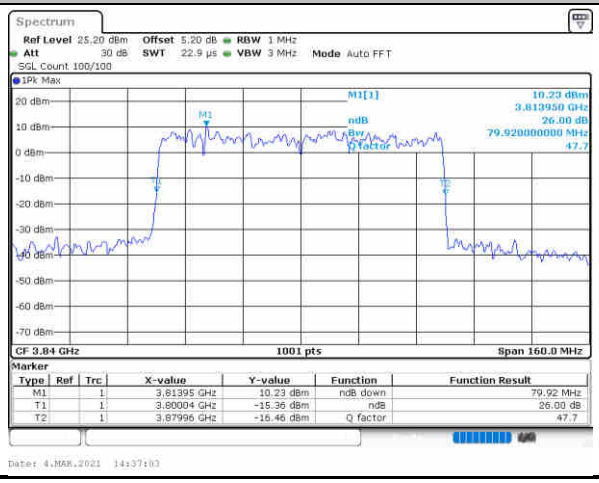
FR1 n77 / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

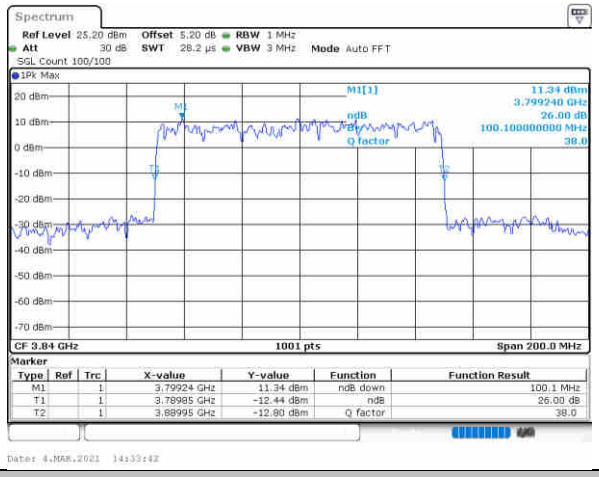
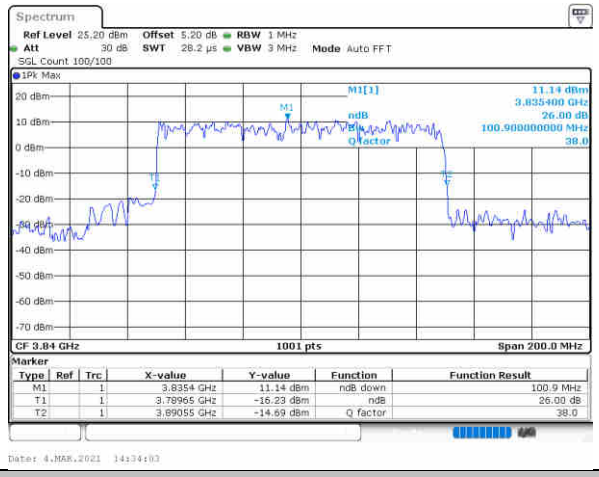
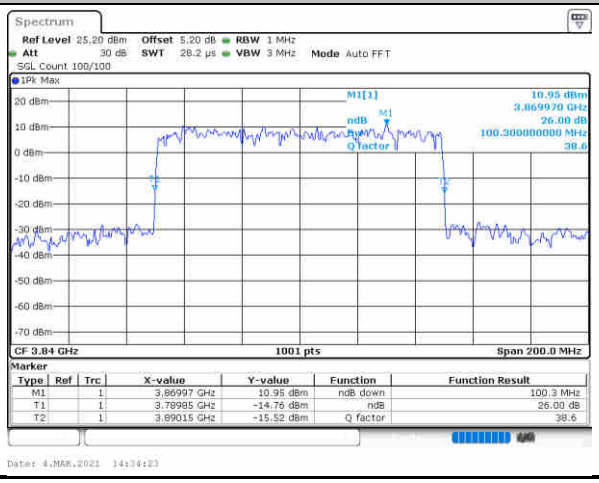
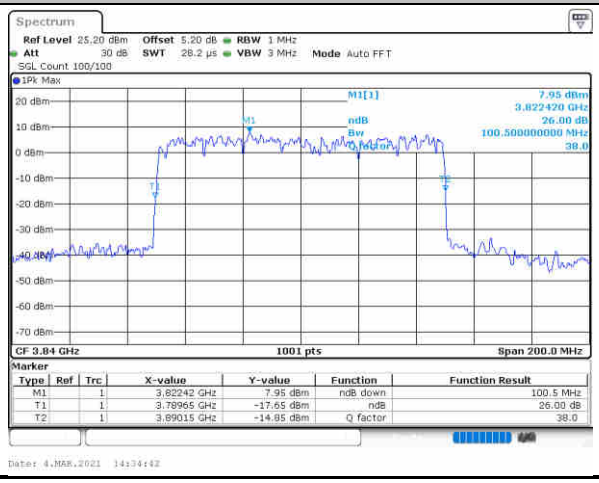
FR1 n77 / 20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 40MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 50MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 60MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 80MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 100MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

Occupied Bandwidth

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	10MHz	10MHz	10MHz	10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	8.55	8.55	8.55	8.55				

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	15MHz	15MHz	15MHz	15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	13.61	13.61	13.67	13.64				

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	20MHz	20MHz	20MHz	20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	18.26	18.30	18.18	18.26				

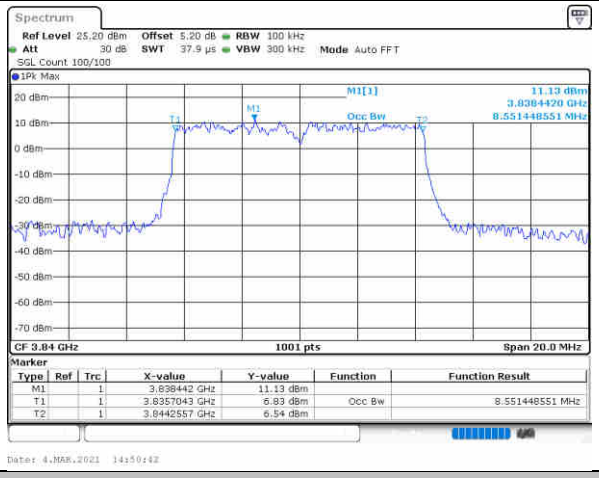
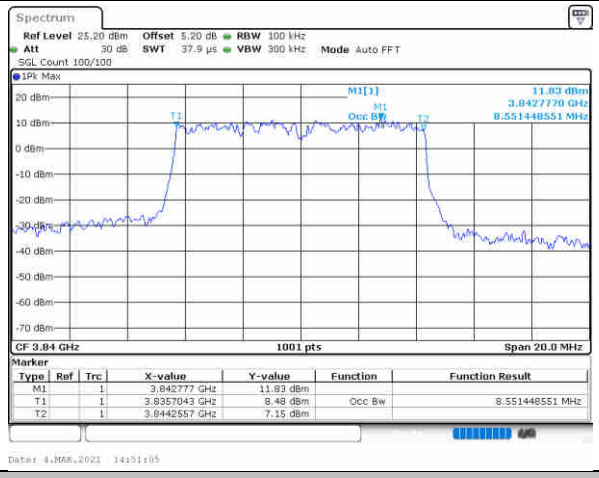
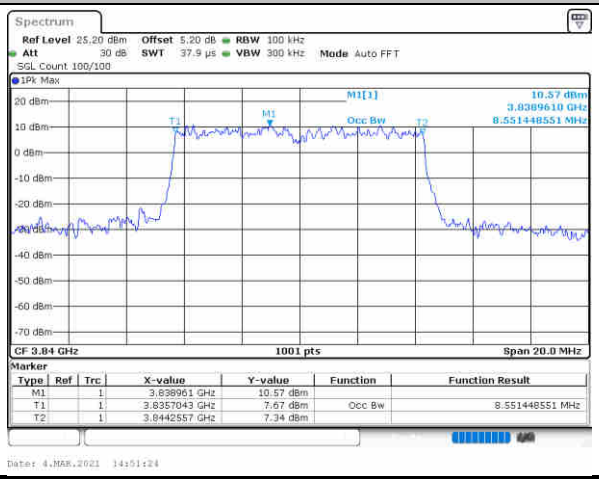
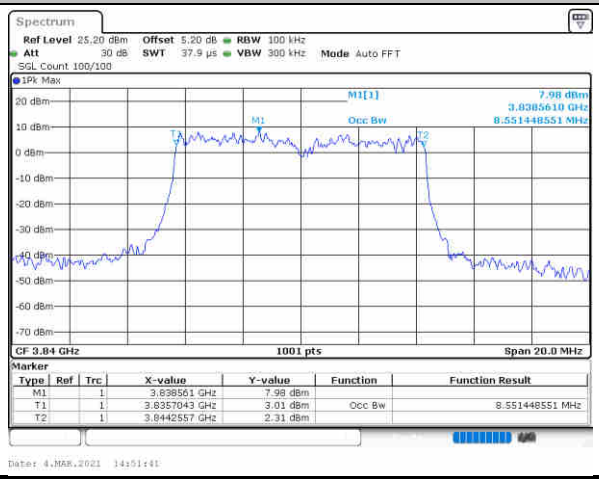
Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	40MHz	40MHz	40MHz	40MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	38.12	38.12	38.20	38.12				

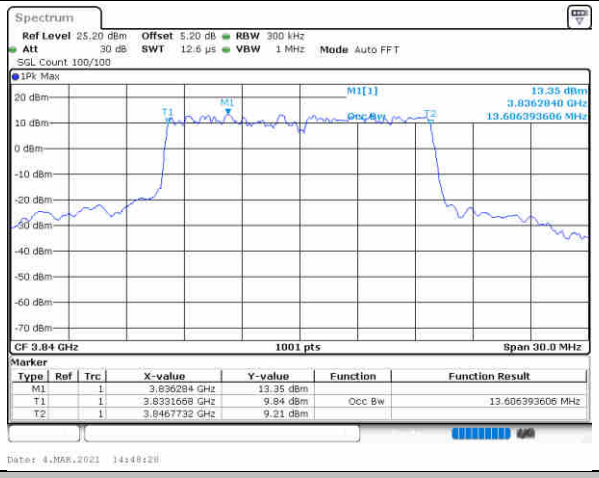
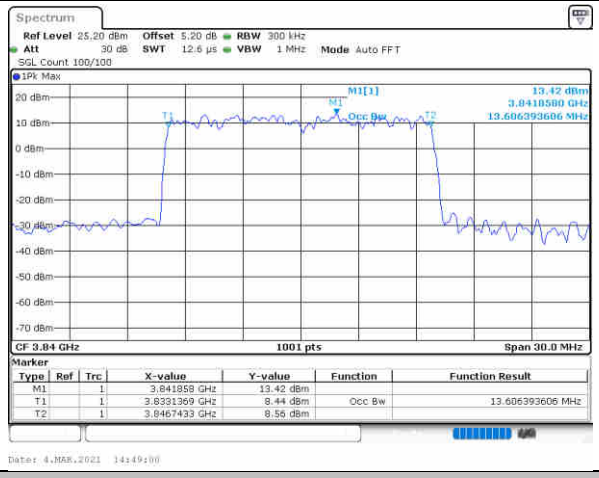
Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	50MHz	50MHz	50MHz	50MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	47.65	47.35	47.55	47.15				

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	60MHz	60MHz	60MHz	60MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	57.54	57.78	57.66	57.90				

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	80MHz	80MHz	80MHz	80MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	77.84	77.20	77.20	77.52				

Mode	FR1 n77 : OBW(MHz) / CP-OFDM							
BW	100MHz	100MHz	100MHz	100MHz				
Mod.	QPSK	16QAM	64QAM	256QAM				
Middle CH	97.50	97.30	97.30	97.50				

FR1 n77 / 10MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 n77 / 15MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**