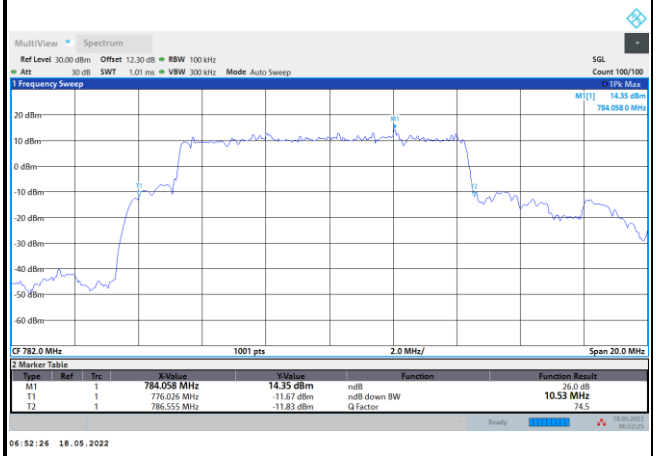
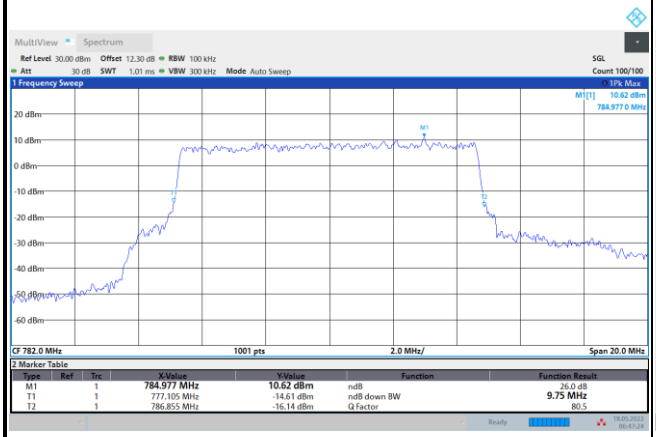
FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

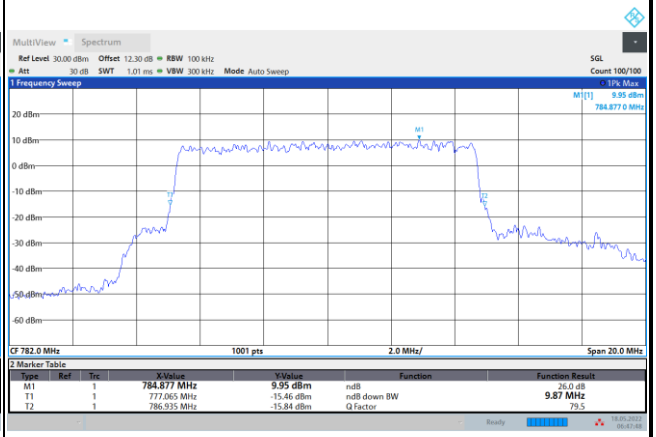


FR1 n13 / 10MHz / CP OFDM / Middle Channel / Full RB

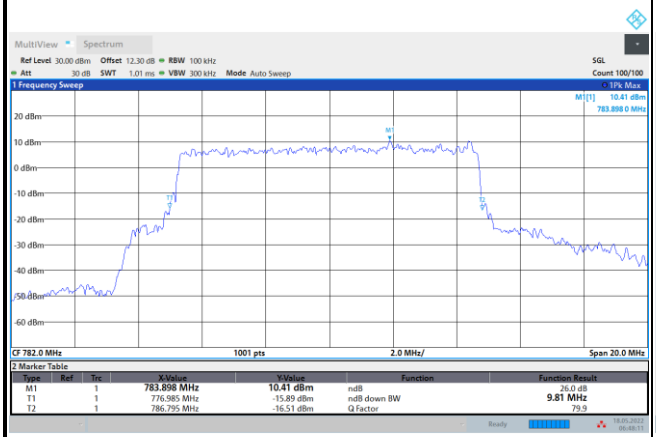
QPSK



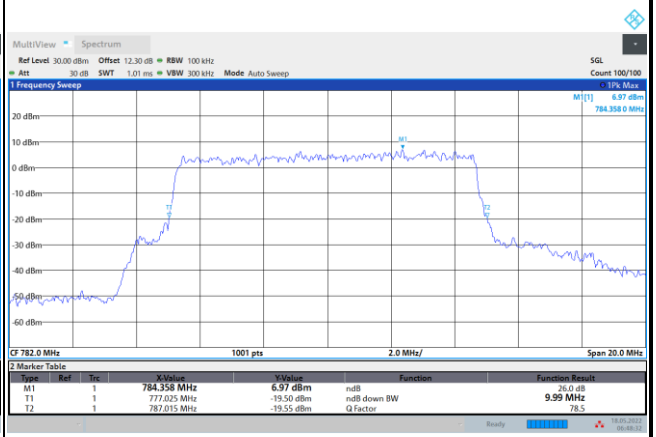
16QAM



64QAM



256QAM



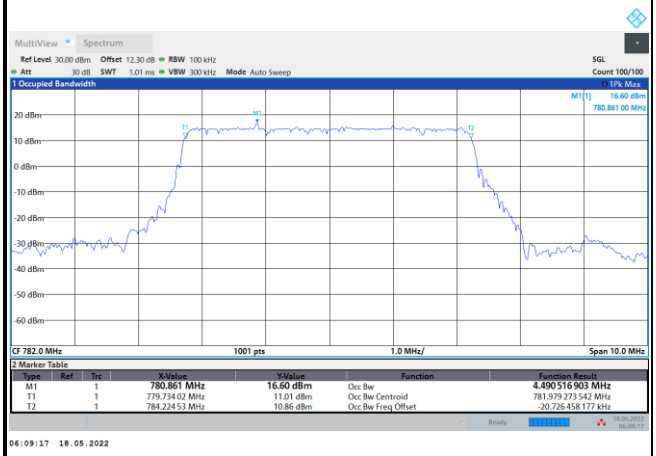
Occupied Bandwidth

Mode	FR1 n13 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.49		8.91					

Mode	FR1 n13 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.50	4.47	9.27	9.27				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.50	4.51	9.27	9.28				

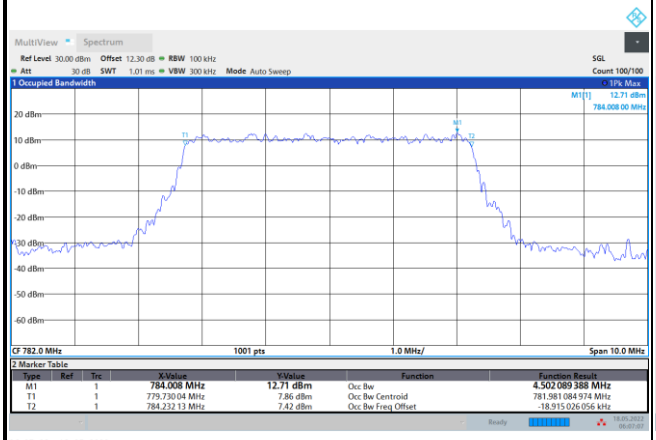
FR1 n13 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

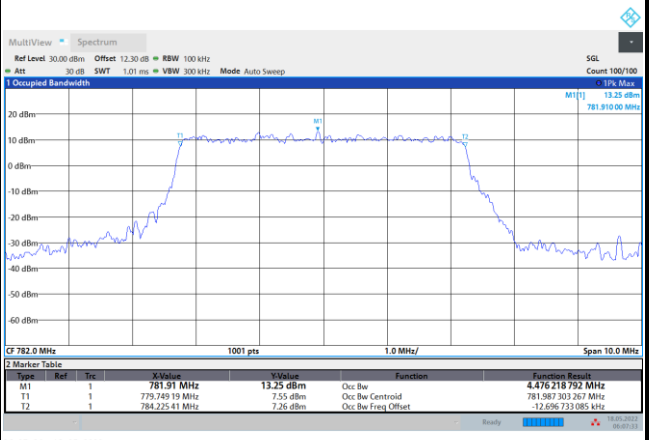


FR1 n13 / 5MHz / CP OFDM / Middle Channel / Full RB

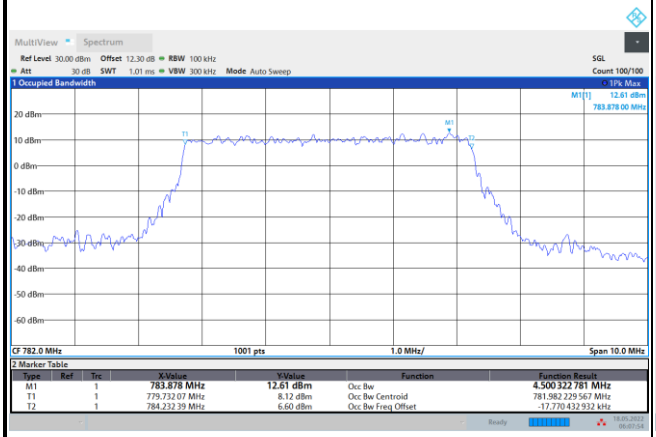
QPSK



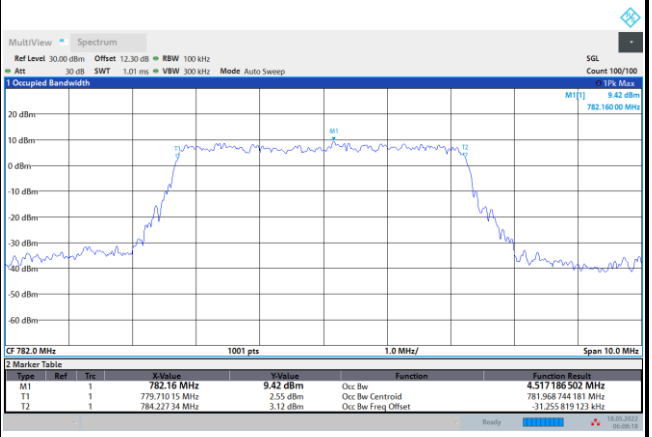
16QAM



64QAM

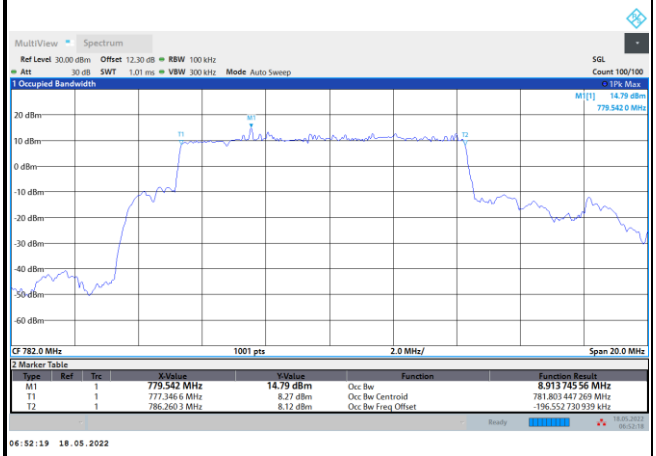


256QAM



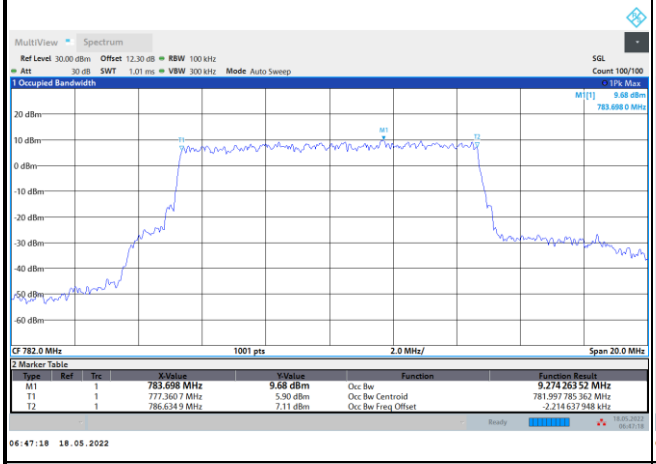
FR1 n13 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

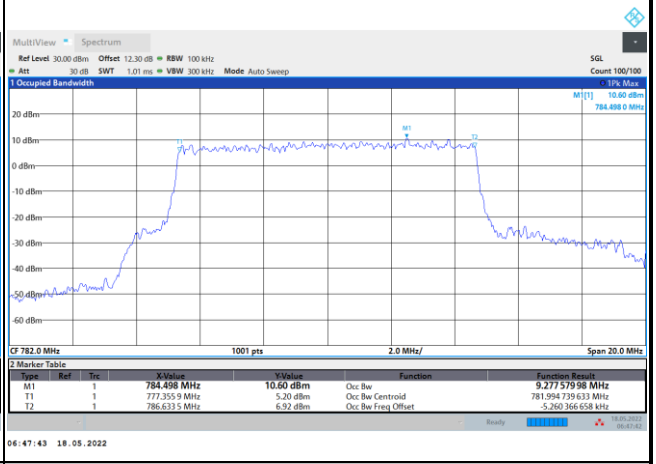


FR1 n13 / 10MHz / CP OFDM / Middle Channel / Full RB

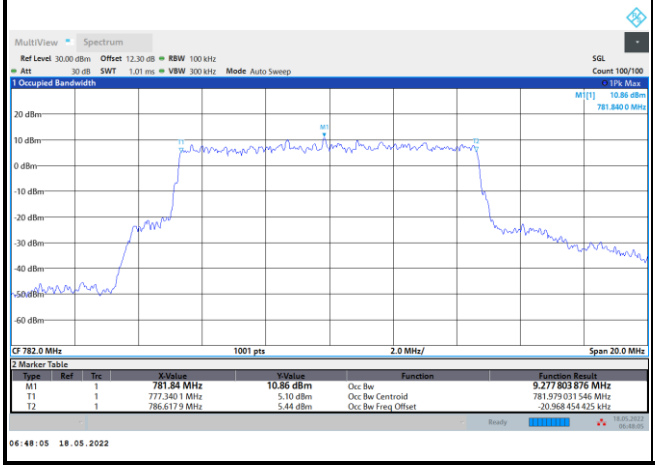
QPSK



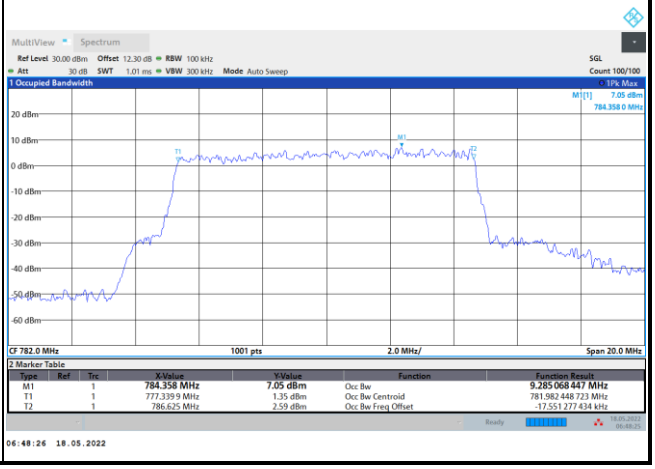
16QAM



64QAM



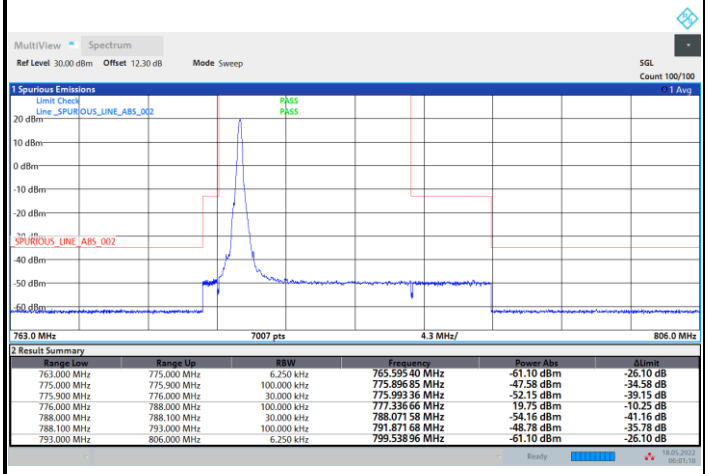
256QAM



Conducted Band Edge

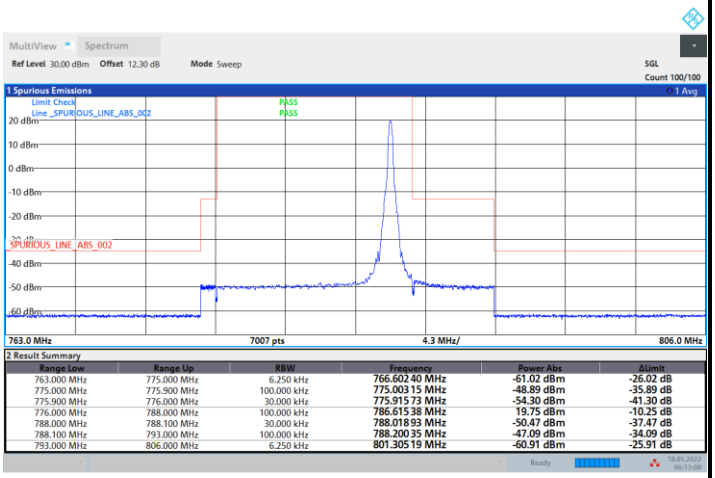
FR1 n13 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



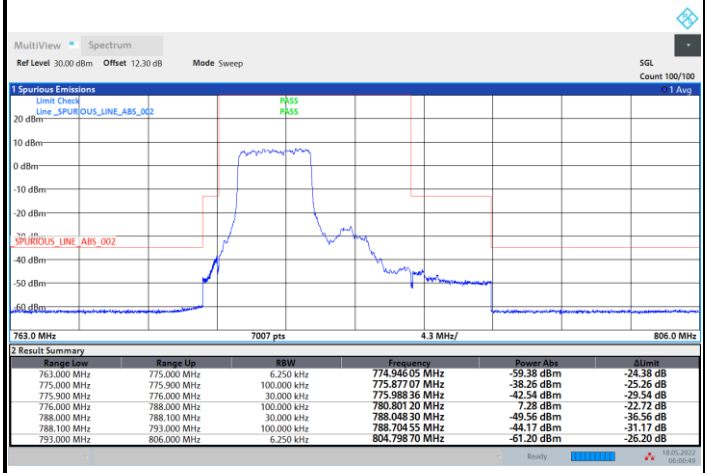
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.595 40 MHz	-61.10 dBm	-26.10 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.896 85 MHz	-47.58 dBm	-34.58 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.993 36 MHz	-52.15 dBm	-39.15 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.336 66 MHz	19.75 dBm	-10.25 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.071 58 MHz	-54.16 dBm	-41.16 dB
788.100 MHz	793.000 MHz	100.000 kHz	791.871 68 MHz	-48.78 dBm	-35.78 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.538 96 MHz	-61.10 dBm	-26.10 dB

Highest Band Edge / 1RBmax



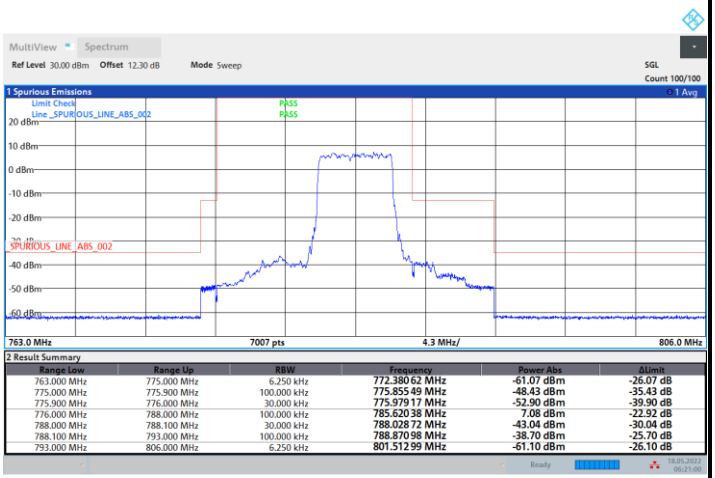
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.602 40 MHz	-61.02 dBm	-26.02 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.003 15 MHz	-48.89 dBm	-35.89 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.915 73 MHz	-54.30 dBm	-41.30 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.615 38 MHz	19.75 dBm	-10.25 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.018 93 MHz	-50.47 dBm	-37.47 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.200 35 MHz	-47.09 dBm	-34.09 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.305 19 MHz	-60.91 dBm	-25.91 dB

Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.946 05 MHz	-59.38 dBm	-24.38 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.877 07 MHz	-38.26 dBm	-25.26 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.988 36 MHz	-42.54 dBm	-29.54 dB
776.000 MHz	788.000 MHz	100.000 kHz	780.801 20 MHz	7.28 dBm	-22.72 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.048 30 MHz	-49.56 dBm	-36.56 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.704 55 MHz	-44.17 dBm	-31.17 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.798 70 MHz	-61.20 dBm	-26.20 dB

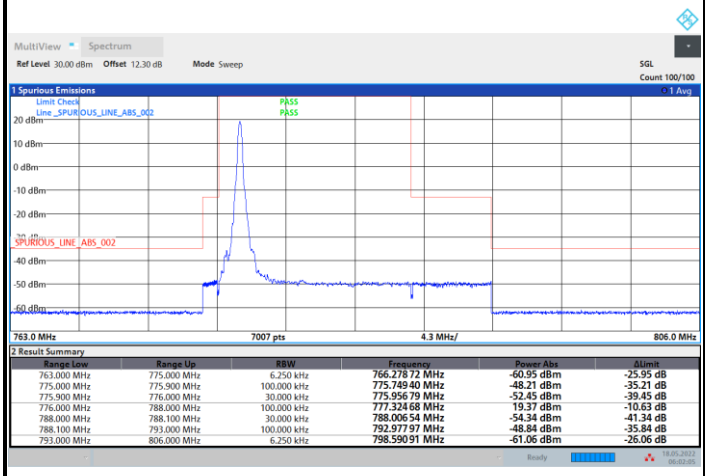
Highest Band Edge / Full RB



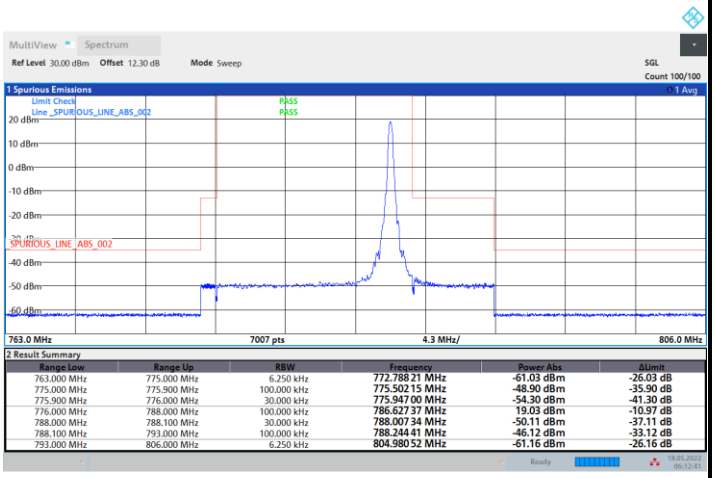
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.380 62 MHz	-61.07 dBm	-26.07 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.855 49 MHz	-48.43 dBm	-35.43 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.979 17 MHz	-52.90 dBm	-39.90 dB
776.000 MHz	788.000 MHz	100.000 kHz	785.620 38 MHz	7.08 dBm	-22.92 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.028 72 MHz	-43.04 dBm	-30.04 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.870 98 MHz	-38.70 dBm	-25.70 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.512 99 MHz	-61.10 dBm	-26.10 dB

FR1 n13 / 5MHz / DFT-S OFDM / QPSK

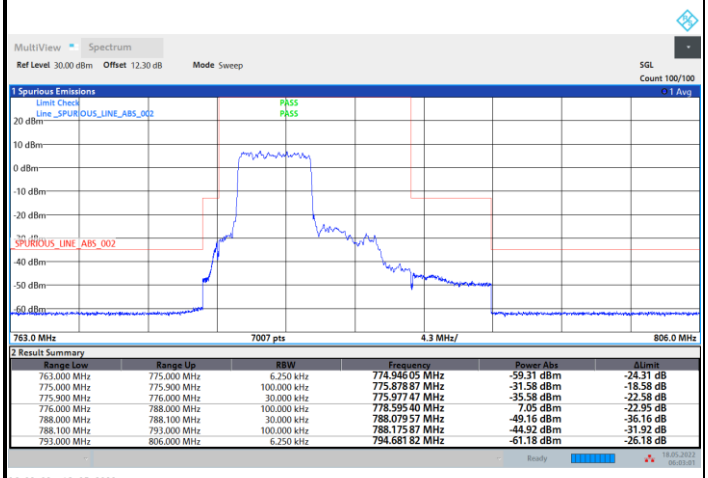
Lowest Band Edge / 1RB0



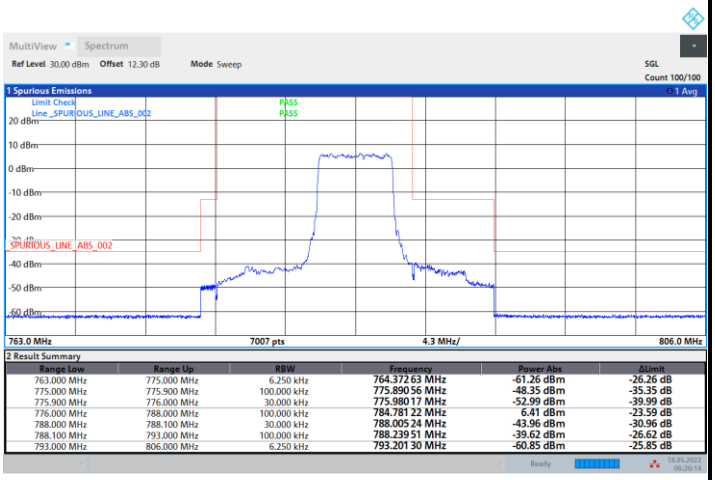
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

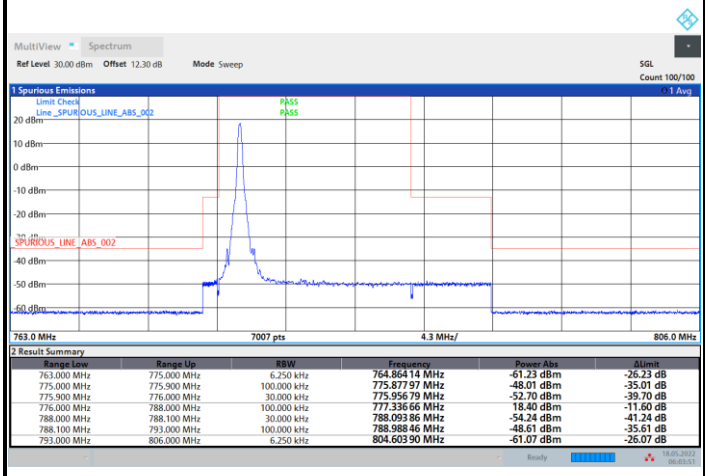


Highest Band Edge / Full RB



FR1 n13 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

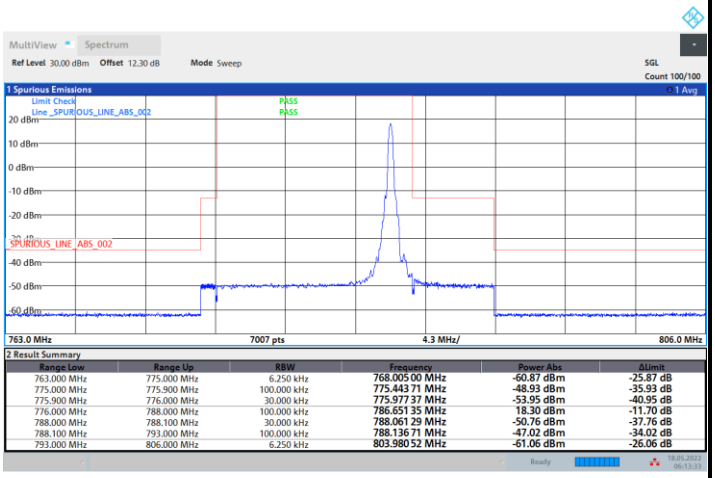


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.864 14 MHz	-61.23 dBm	-26.23 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.877 97 MHz	-48.01 dBm	-35.01 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.956 79 MHz	-52.70 dBm	-39.70 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.336 66 MHz	18.40 dBm	-11.60 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.093 86 MHz	-54.24 dBm	-41.24 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.988 46 MHz	-48.61 dBm	-35.61 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.603 90 MHz	-61.07 dBm	-26.07 dB

06:13:52 18.05.2022

Highest Band Edge / 1RBmax

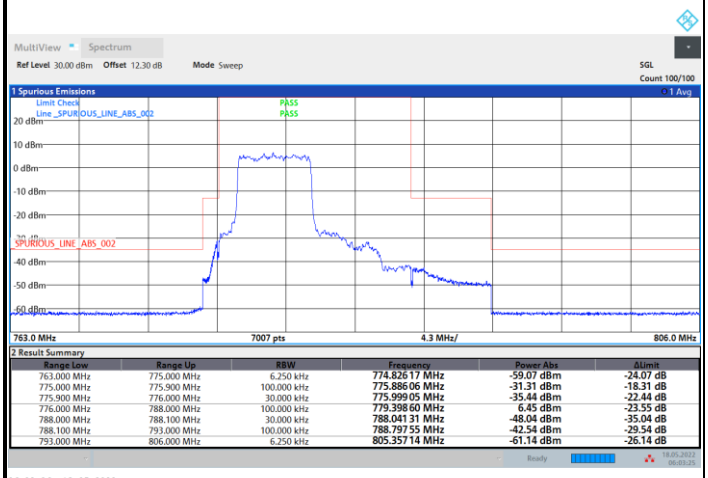


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.005 00 MHz	-60.87 dBm	-25.87 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.443 71 MHz	-48.93 dBm	-35.93 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.977 37 MHz	-53.95 dBm	-40.95 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.651 35 MHz	18.30 dBm	-11.70 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.061 29 MHz	-50.76 dBm	-37.76 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.136 71 MHz	-47.02 dBm	-34.02 dB
793.000 MHz	806.000 MHz	6.250 kHz	803.980 52 MHz	-61.06 dBm	-26.06 dB

06:13:33 18.05.2022

Lowest Band Edge / Full RB

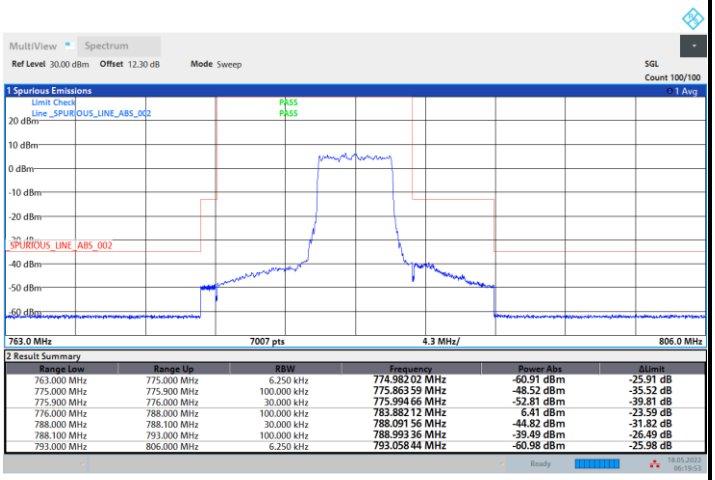


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.826 17 MHz	-59.07 dBm	-24.07 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.886 06 MHz	-31.31 dBm	-18.31 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.999 05 MHz	-35.44 dBm	-22.44 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.398 60 MHz	6.45 dBm	-23.55 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.041 31 MHz	-48.04 dBm	-35.04 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.797 55 MHz	-42.54 dBm	-29.54 dB
793.000 MHz	806.000 MHz	6.250 kHz	805.357 14 MHz	-61.14 dBm	-26.14 dB

06:03:26 18.05.2022

Highest Band Edge / Full RB



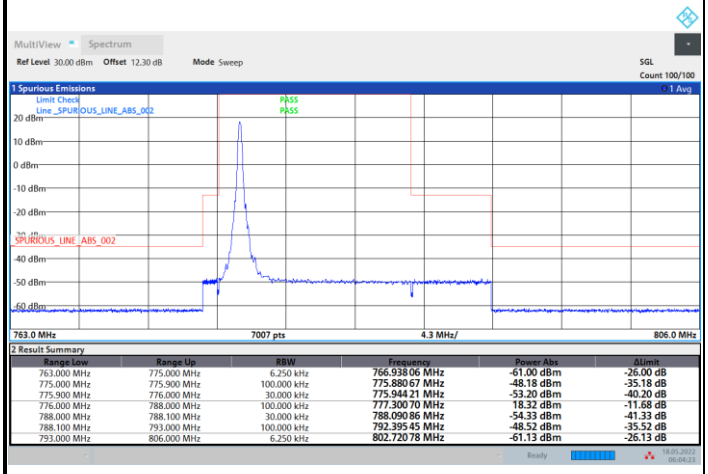
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.982 02 MHz	-60.91 dBm	-25.91 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.863 59 MHz	-48.52 dBm	-35.52 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.994 66 MHz	-52.81 dBm	-39.81 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.882 12 MHz	6.41 dBm	-23.59 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.091 56 MHz	-44.82 dBm	-31.82 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.993 36 MHz	-39.49 dBm	-26.49 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.058 44 MHz	-60.98 dBm	-25.98 dB

06:19:53 18.05.2022

FR1 n13 / 5MHz / DFT-S OFDM / 64QAM

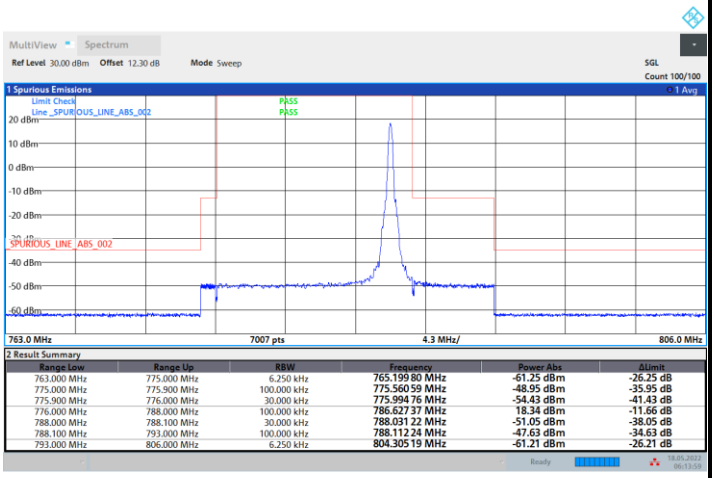
Lowest Band Edge / 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.938 06 MHz	-61.00 dBm	-26.00 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.880 67 MHz	-48.18 dBm	-35.18 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.944 21 MHz	-53.20 dBm	-40.20 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.300 70 MHz	18.32 dBm	-11.68 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.090 86 MHz	-54.33 dBm	-41.33 dB
788.100 MHz	793.000 MHz	100.000 kHz	792.395 45 MHz	-48.52 dBm	-35.52 dB
793.000 MHz	806.000 MHz	6.250 kHz	802.720 78 MHz	-61.13 dBm	-26.13 dB

06:04:23 18.05.2022

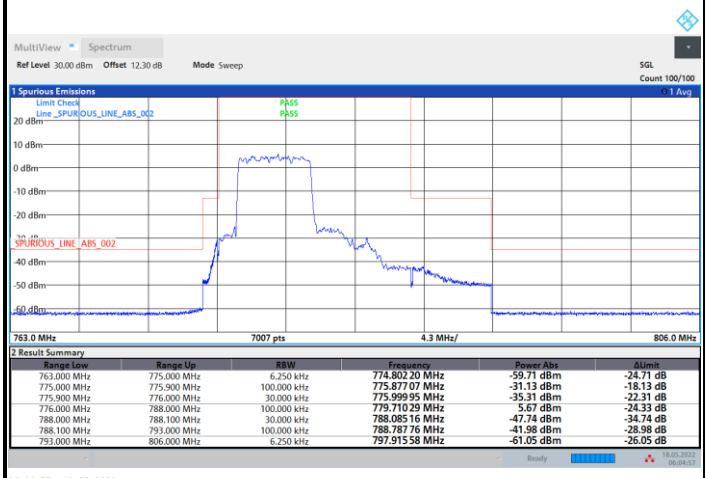
Highest Band Edge / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.199 80 MHz	-61.25 dBm	-26.25 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.560 59 MHz	-48.95 dBm	-35.95 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.994 76 MHz	-54.43 dBm	-41.43 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.627 37 MHz	18.34 dBm	-11.66 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.031 22 MHz	-51.05 dBm	-38.05 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.112 24 MHz	-47.63 dBm	-34.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.305 19 MHz	-61.21 dBm	-26.21 dB

06:14:00 18.05.2022

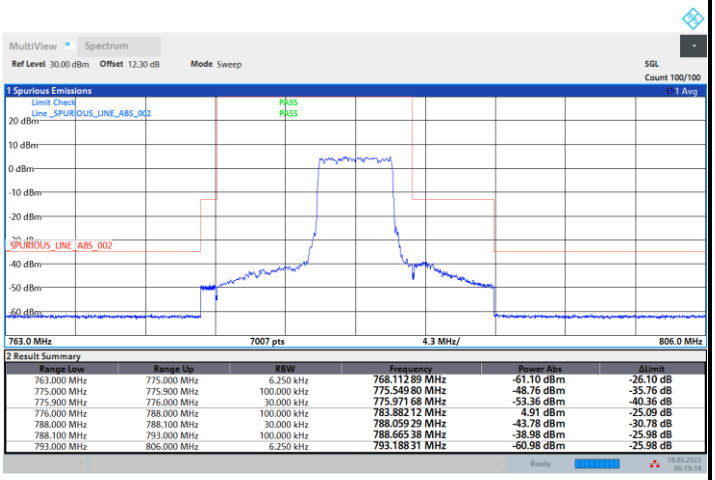
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.802 20 MHz	-59.71 dBm	-24.71 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.877 07 MHz	-31.13 dBm	-18.13 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.999 95 MHz	-35.31 dBm	-22.31 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.710 29 MHz	5.67 dBm	-24.33 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.085 16 MHz	-47.74 dBm	-34.74 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.787 76 MHz	-41.98 dBm	-28.98 dB
793.000 MHz	806.000 MHz	6.250 kHz	797.915 58 MHz	-61.05 dBm	-26.05 dB

06:04:57 18.05.2022

Highest Band Edge / Full RB

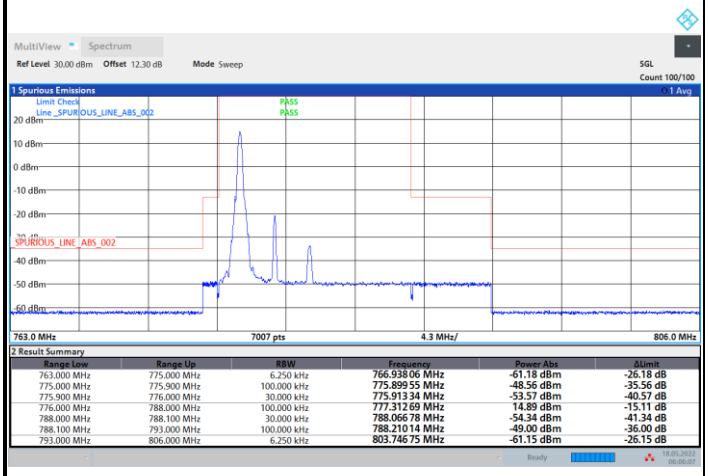


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	768.112 89 MHz	-61.10 dBm	-26.10 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.549 80 MHz	-48.76 dBm	-35.76 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.971 68 MHz	-53.36 dBm	-40.36 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.882 12 MHz	4.91 dBm	-25.09 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.059 29 MHz	-43.78 dBm	-30.78 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.665 38 MHz	-38.98 dBm	-25.98 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.188 31 MHz	-60.98 dBm	-25.98 dB

06:19:15 18.05.2022

FR1 n13 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

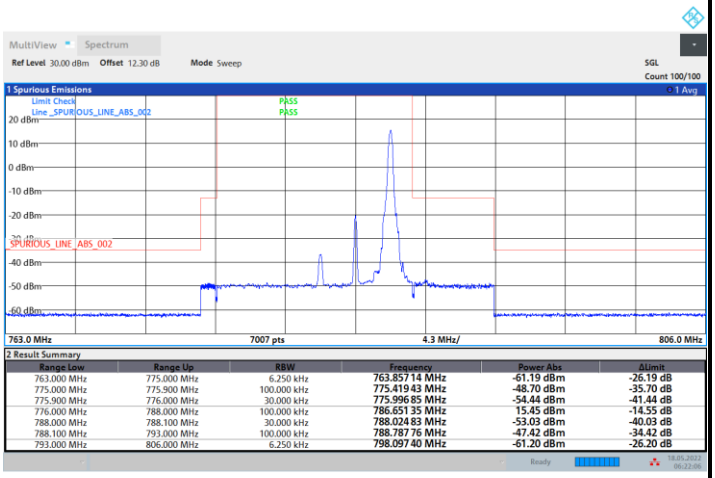


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	766.938 06 MHz	-61.18 dBm	-26.18 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.899 55 MHz	-48.56 dBm	-35.56 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.913 34 MHz	-53.57 dBm	-40.57 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.312 69 MHz	14.89 dBm	-15.11 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.066 78 MHz	-54.34 dBm	-41.34 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.210 14 MHz	-49.00 dBm	-36.00 dB
793.000 MHz	806.000 MHz	6.250 kHz	803.746 75 MHz	-61.15 dBm	-26.15 dB

06:06:08 18.05.2022

Highest Band Edge / 1RBmax

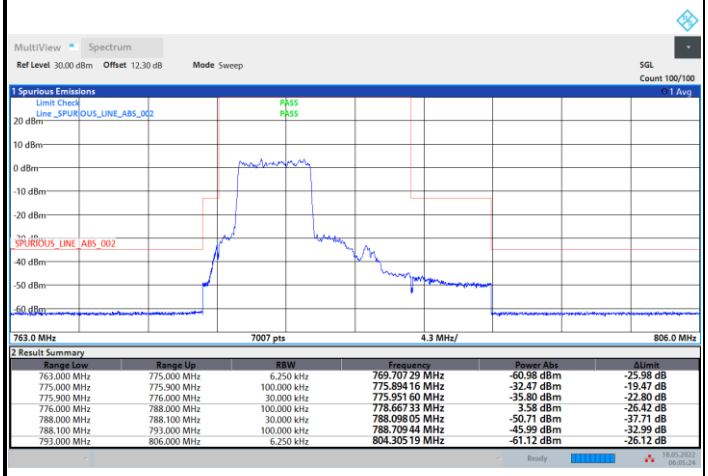


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	763.857 14 MHz	-61.19 dBm	-26.19 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.419 43 MHz	-48.70 dBm	-35.70 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.996 85 MHz	-54.44 dBm	-41.44 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.651 35 MHz	15.45 dBm	-14.55 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.024 83 MHz	-53.03 dBm	-40.03 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.787 76 MHz	-47.42 dBm	-34.42 dB
793.000 MHz	806.000 MHz	6.250 kHz	798.097 40 MHz	-61.20 dBm	-26.20 dB

06:22:07 18.05.2022

Lowest Band Edge / Full RB

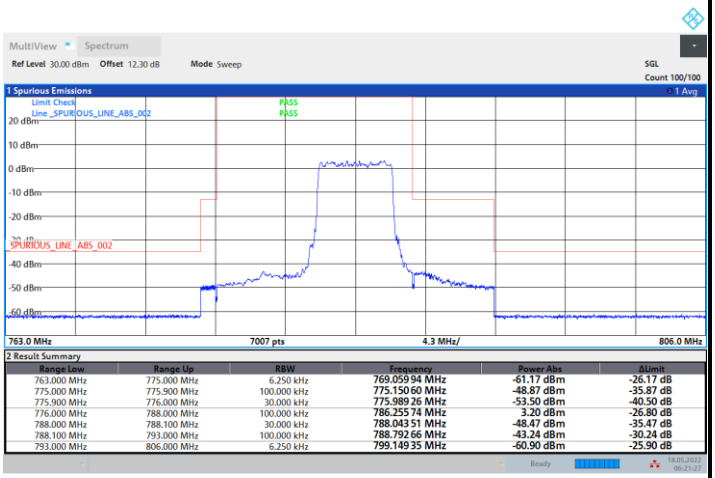


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.707 29 MHz	-60.98 dBm	-25.98 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.894 16 MHz	-32.47 dBm	-19.47 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.951 60 MHz	-35.80 dBm	-22.80 dB
776.000 MHz	788.000 MHz	100.000 kHz	778.667 33 MHz	3.58 dBm	-26.42 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.098 05 MHz	-50.71 dBm	-37.71 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.709 44 MHz	-45.99 dBm	-32.99 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.305 19 MHz	-61.12 dBm	-26.12 dB

06:05:25 18.05.2022

Highest Band Edge / Full RB

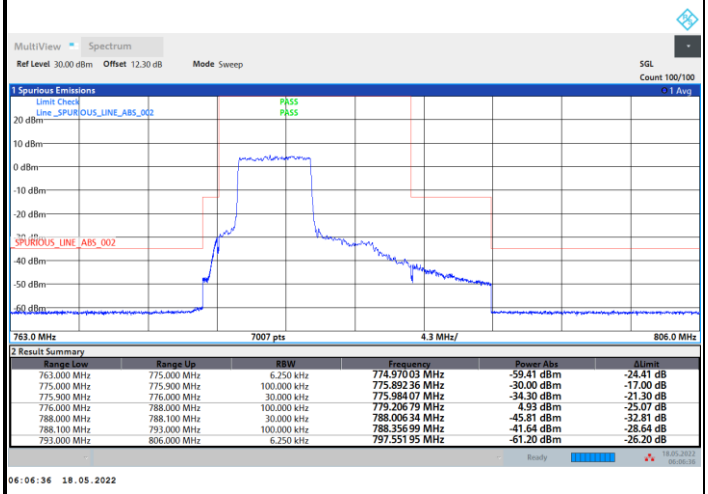


2 Result Summary

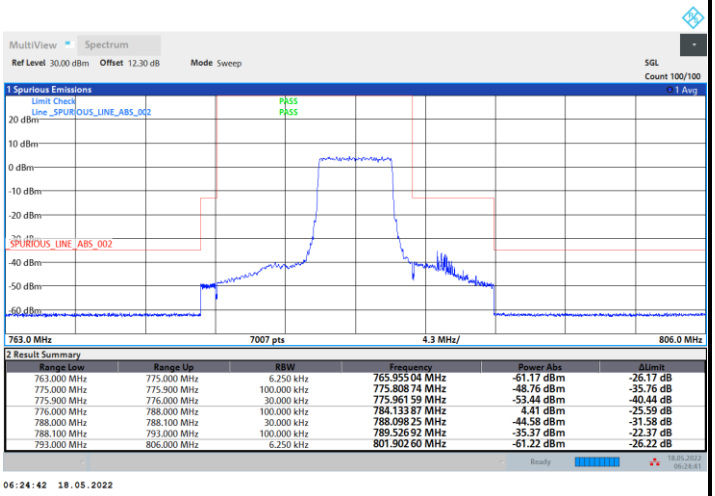
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.059 94 MHz	-61.17 dBm	-26.17 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.150 60 MHz	-48.87 dBm	-35.87 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.989 26 MHz	-53.50 dBm	-40.50 dB
776.000 MHz	788.000 MHz	100.000 kHz	786.255 74 MHz	3.20 dBm	-26.80 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.043 51 MHz	-48.47 dBm	-35.47 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.792 66 MHz	-43.24 dBm	-30.24 dB
793.000 MHz	806.000 MHz	6.250 kHz	799.149 35 MHz	-60.90 dBm	-25.90 dB

06:21:28 18.05.2022

FR1 n13 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	**Highest Band Edge**

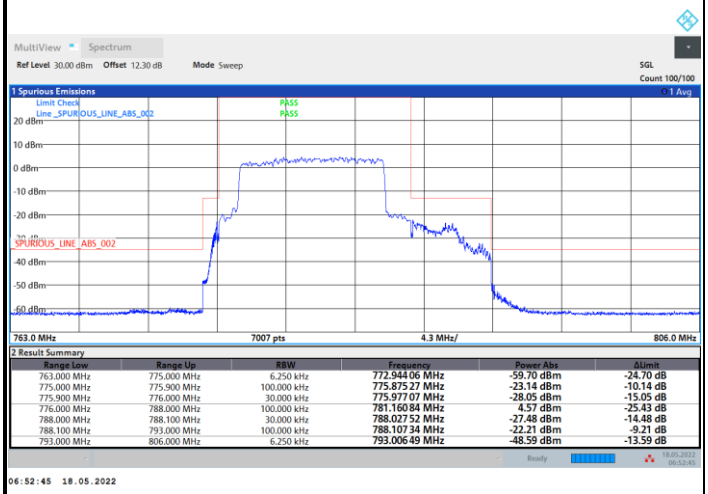


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.970 03 MHz	-59.41 dBm	-24.41 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.892 36 MHz	-30.00 dBm	-17.00 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.984 07 MHz	-34.30 dBm	-21.30 dB
776.000 MHz	788.000 MHz	100.000 kHz	779.206 79 MHz	4.93 dBm	-25.07 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.006 34 MHz	-45.81 dBm	-32.81 dB
788.100 MHz	793.000 MHz	100.000 kHz	788.356 99 MHz	-41.64 dBm	-28.64 dB
793.000 MHz	806.000 MHz	6.250 kHz	797.551 95 MHz	-61.20 dBm	-26.20 dB

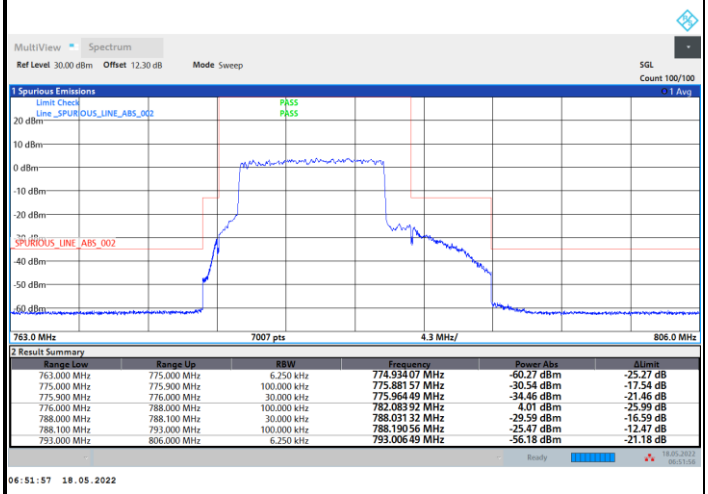


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	765.955 04 MHz	-61.17 dBm	-26.17 dB
775.000 MHz	775.900 MHz	100.000 kHz	775.808 74 MHz	-48.76 dBm	-35.76 dB
775.900 MHz	776.000 MHz	30.000 kHz	775.961 59 MHz	-53.44 dBm	-40.44 dB
776.000 MHz	788.000 MHz	100.000 kHz	784.133 87 MHz	4.41 dBm	-25.59 dB
788.000 MHz	788.100 MHz	30.000 kHz	788.098 25 MHz	-44.58 dBm	-31.58 dB
788.100 MHz	793.000 MHz	100.000 kHz	789.526 92 MHz	-35.37 dBm	-22.37 dB
793.000 MHz	806.000 MHz	6.250 kHz	801.902 60 MHz	-61.22 dBm	-26.22 dB

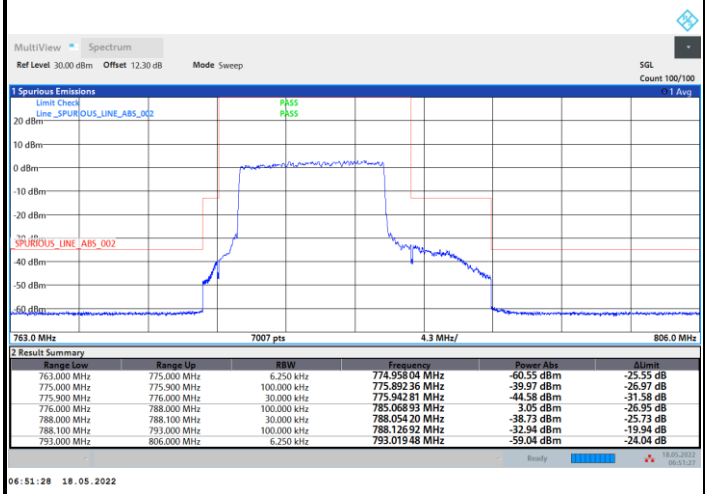
FR1 n13 / 10MHz / DFT-s-OFDM / PI/2 BPSK	
Middle Band Edge / Full RB	



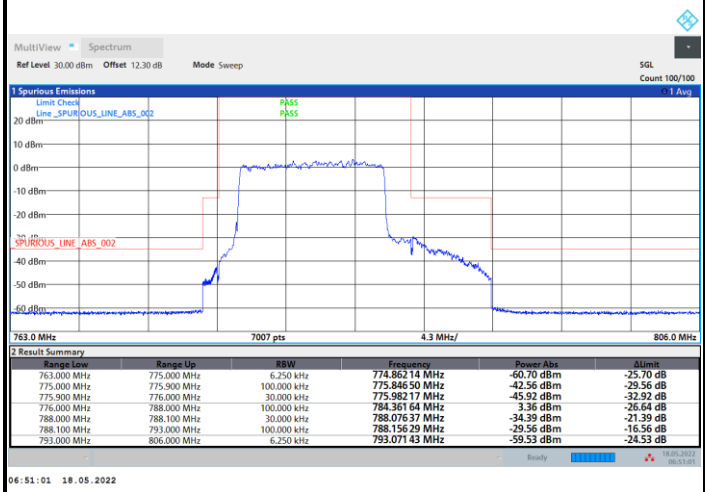
FR1 n13 / 10MHz / DFT-s-OFDM / QPSK	
Middle Band Edge / Full RB	



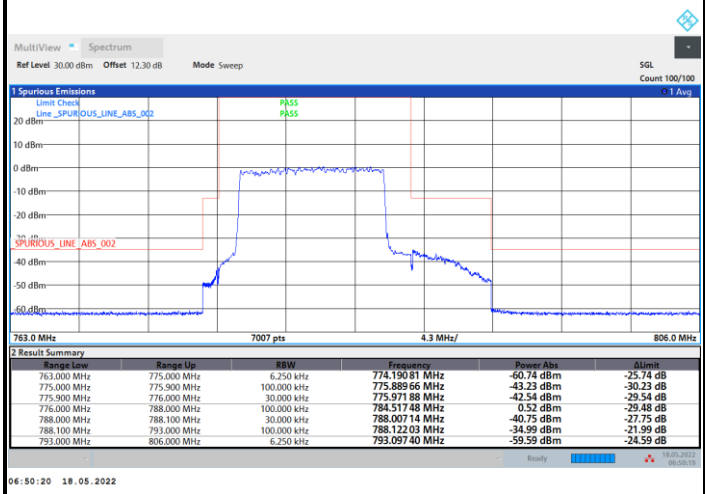
FR1 n13 / 10MHz / DFT-s-OFDM / 16QAM	
Middle Band Edge / Full RB	



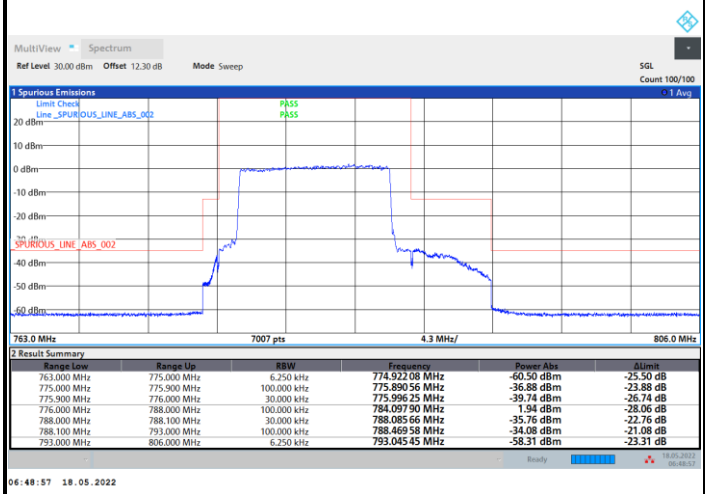
FR1 n13 / 10MHz / DFT-s-OFDM / 64QAM	
Middle Band Edge / Full RB	



FR1 n13 / 10MHz / DFT-s-OFDM / 256QAM	
Middle Band Edge / Full RB	



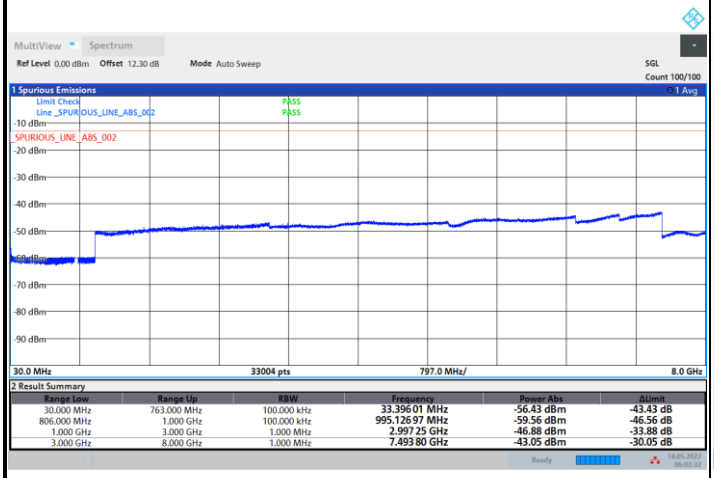
FR1 n13 / 10MHz / CP OFDM / QPSK / Full RB	
Middle Band Edge / Full RB	



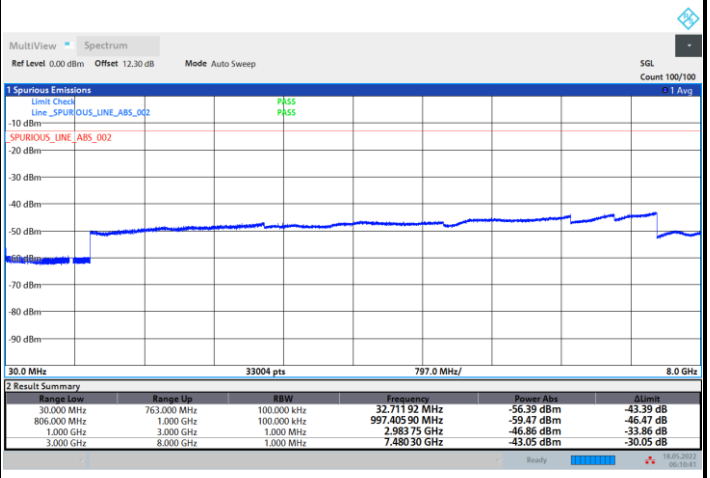
Conducted Spurious Emission

FR1 n13 / 5MHz / DFT-S OFDM / QPSK / 1RB1

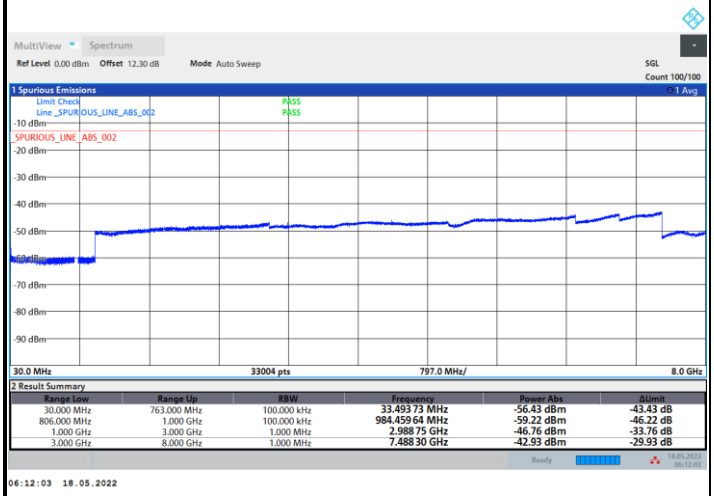
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n13 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0042	PASS
40	Normal Voltage	0.0032	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0040	
0	Normal Voltage	0.0055	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0073	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

Note:

1. Normal Voltage = 3.85 V.；Battery End Point (BEP) = 3.30 V.；Maximum Voltage = 4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

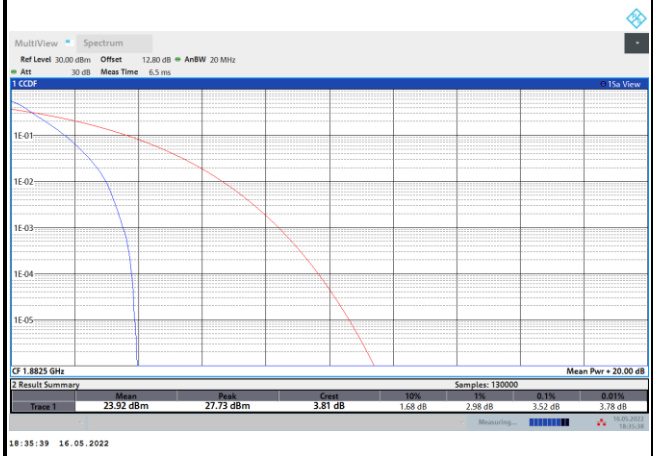
FR1 n25

Peak-to-Average Ratio

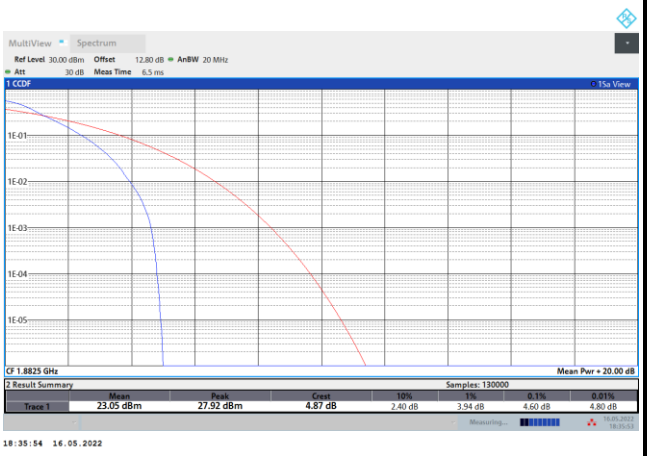
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.52	4.60	5.06	5.16	PASS
Mode	FR1 n25 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.22				PASS

FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

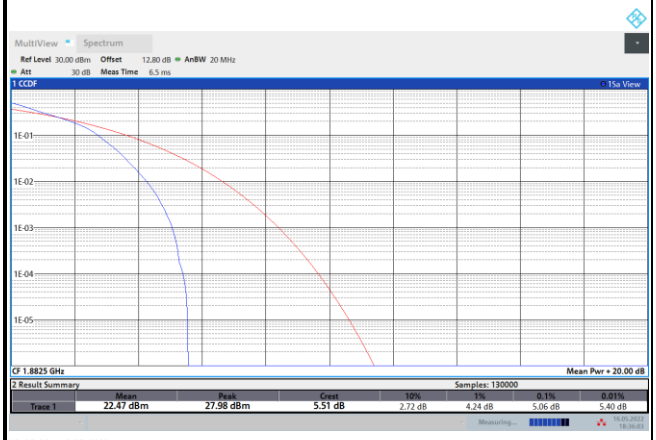
PI/2 BPSK



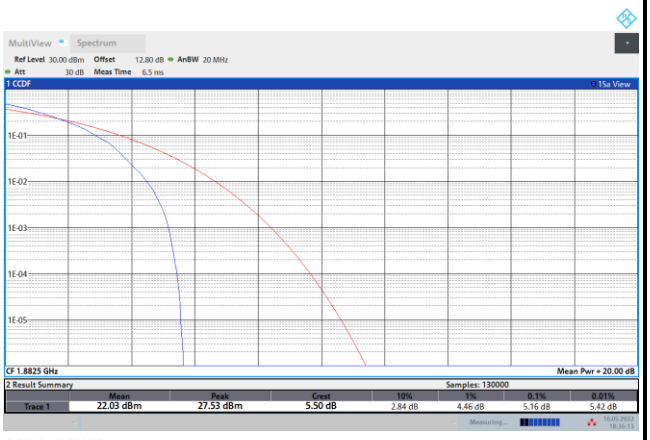
QPSK



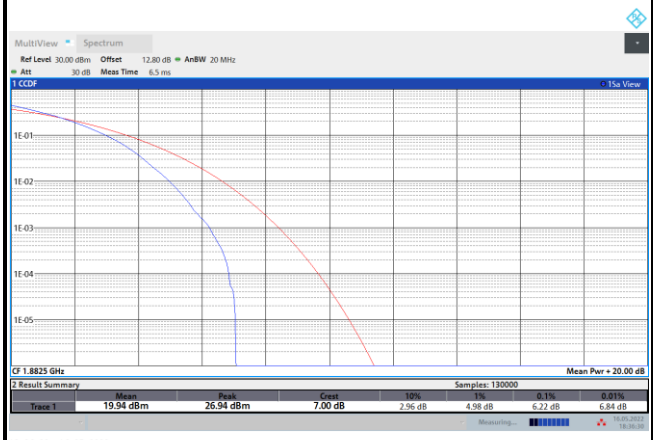
16QAM



64QAM



256QAM



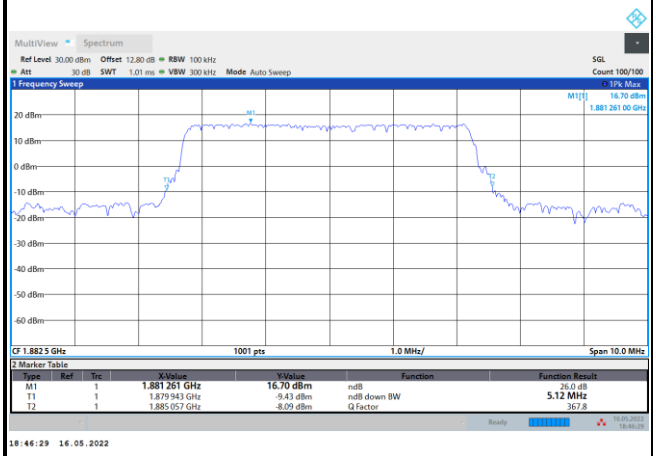
26dB Bandwidth

Mode	FR1 n25 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.12		9.55		14.39		18.94	
BW	25MHz		30MHz		40MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Middle CH	-		29.67		41.16			

Mode	FR1 n25 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.29	5.15	9.93	10.03	15.14	15.17	19.94	20.10
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.97	5.10	9.93	9.99	15.05	15.08	19.94	20.02
BW	25MHz		30MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	-	-	30.03	29.61	41.24	41.32		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	-	-	29.61	29.67	41.24	41.00		

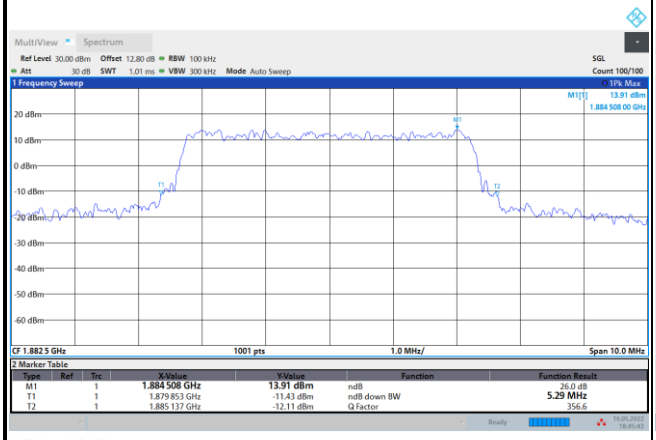
FR1 n25 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

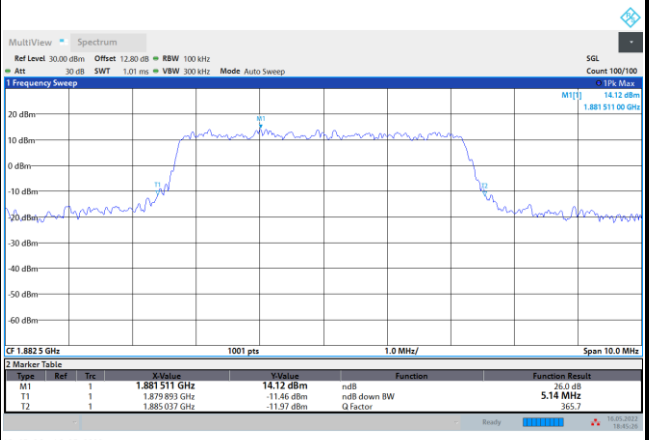


FR1 n25 / 5MHz / CP OFDM / Middle Channel / Full RB

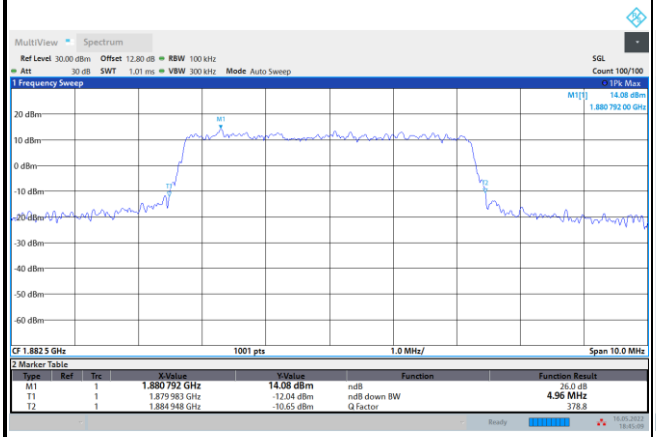
QPSK



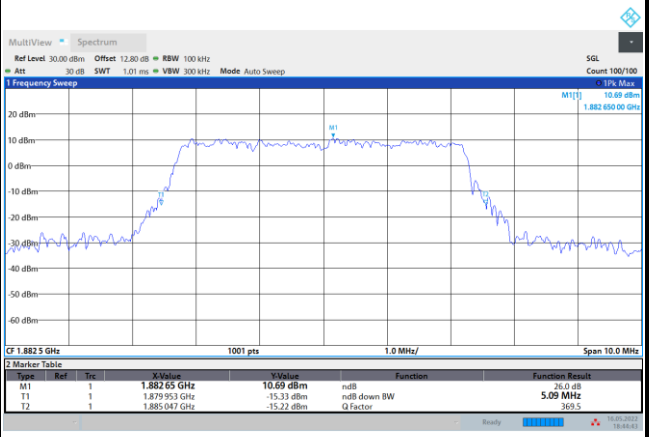
16QAM



64QAM

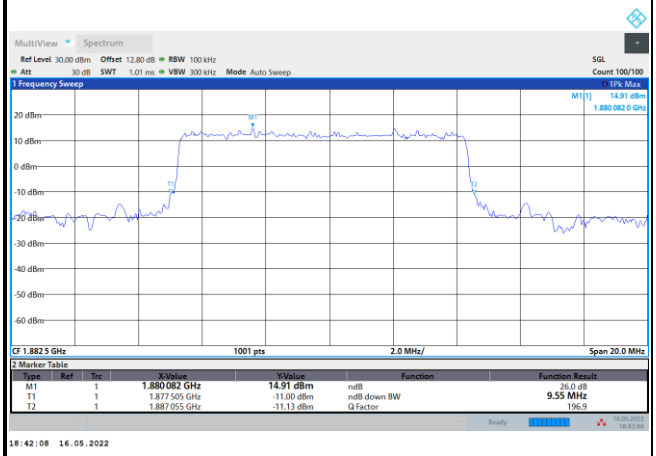


256QAM



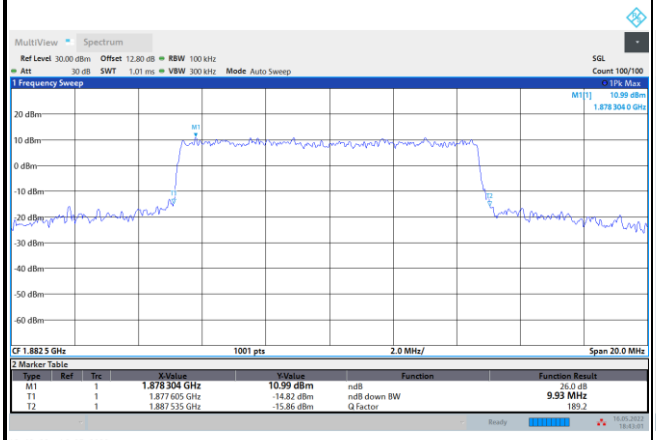
FR1 n25 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

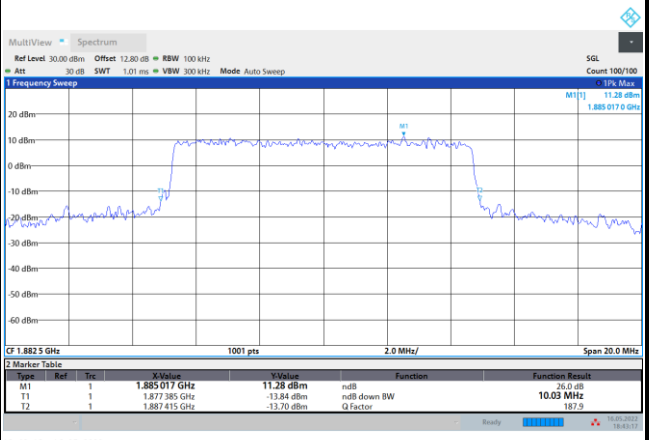


FR1 n25 / 10MHz / CP OFDM / Middle Channel / Full RB

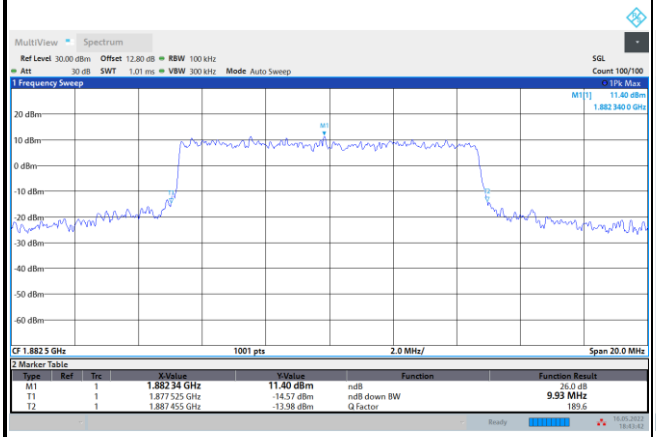
QPSK



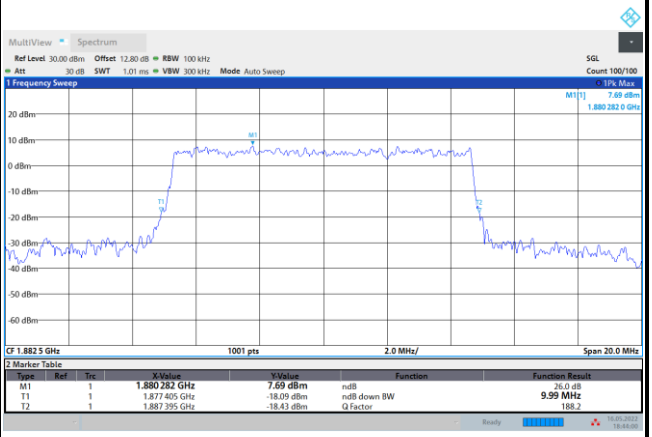
16QAM



64QAM

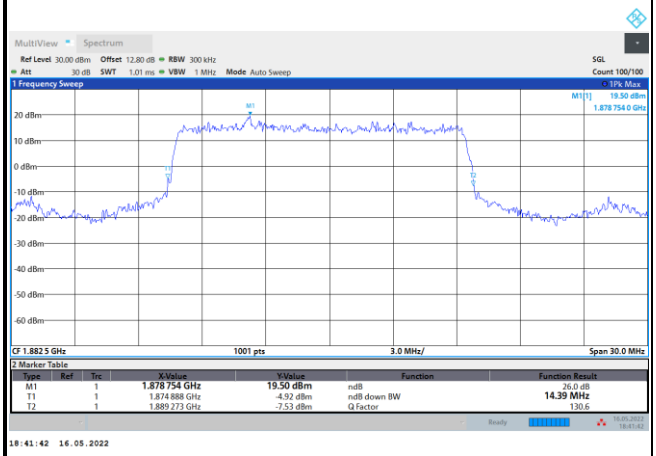


256QAM



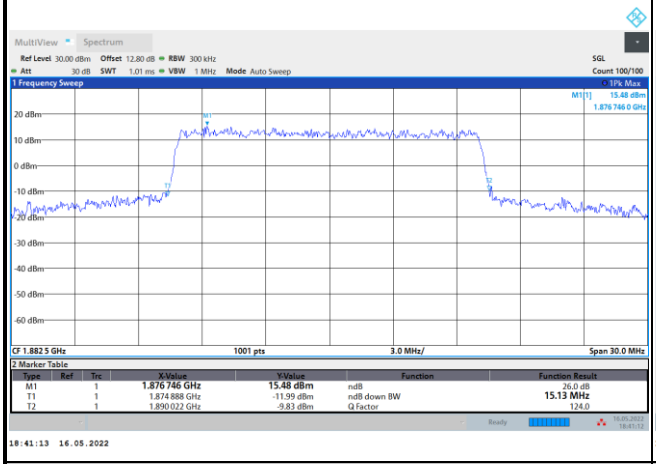
FR1 n25 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

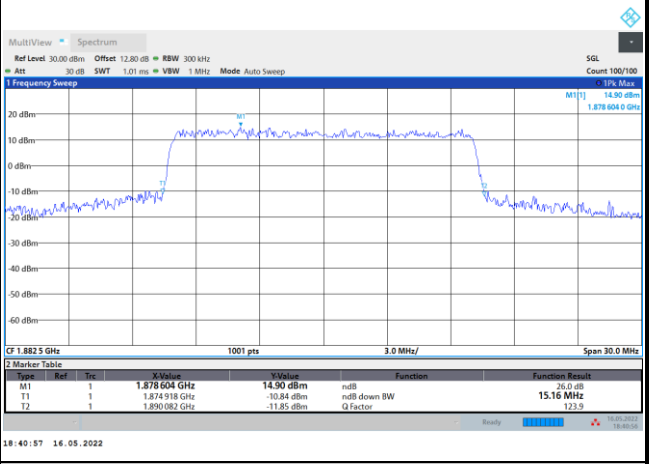


FR1 n25 / 15MHz / CP OFDM / Middle Channel / Full RB

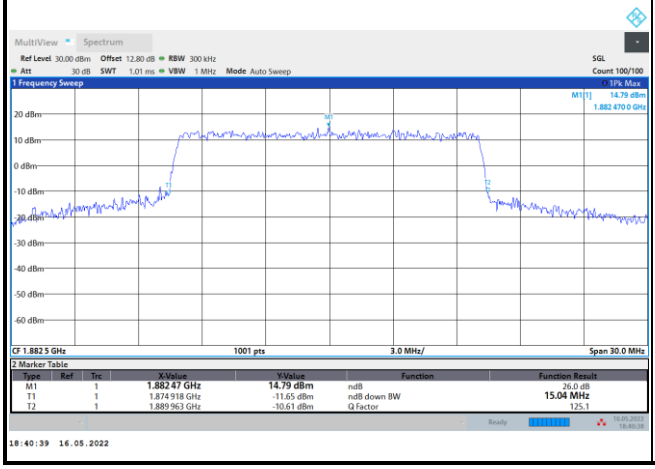
QPSK



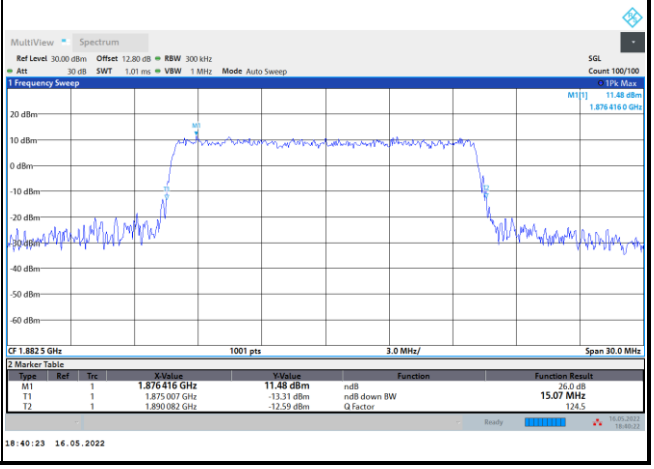
16QAM



64QAM

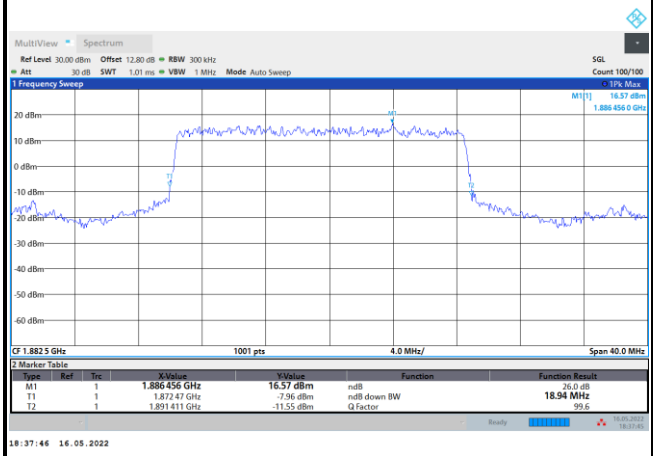


256QAM



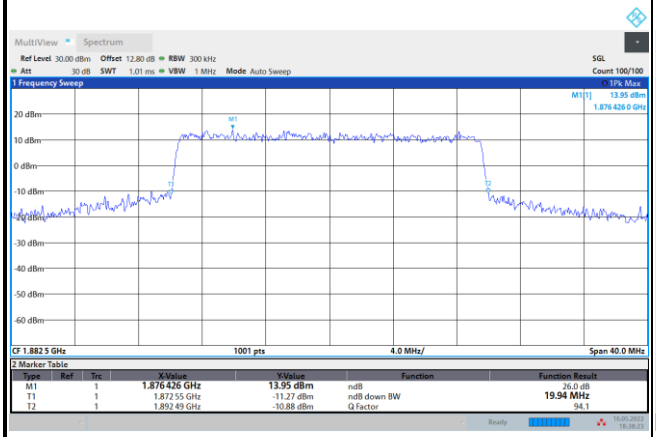
FR1 n25 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

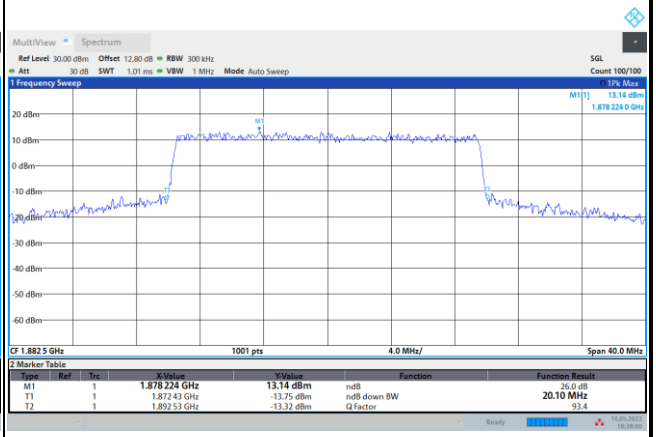


FR1 n25 / 20MHz / CP OFDM / Middle Channel / Full RB

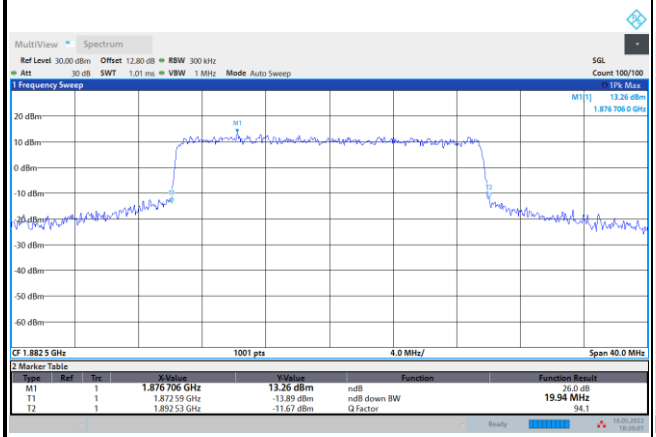
QPSK



16QAM



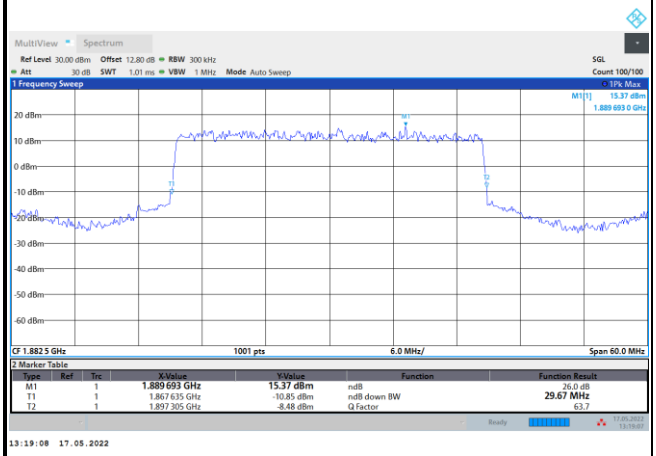
64QAM



256QAM

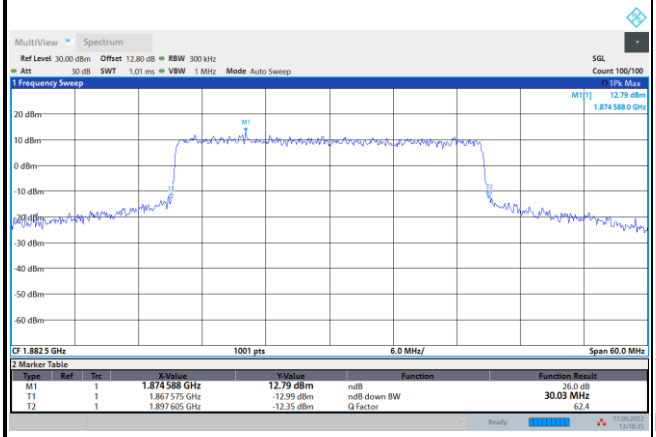
FR1 n25 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

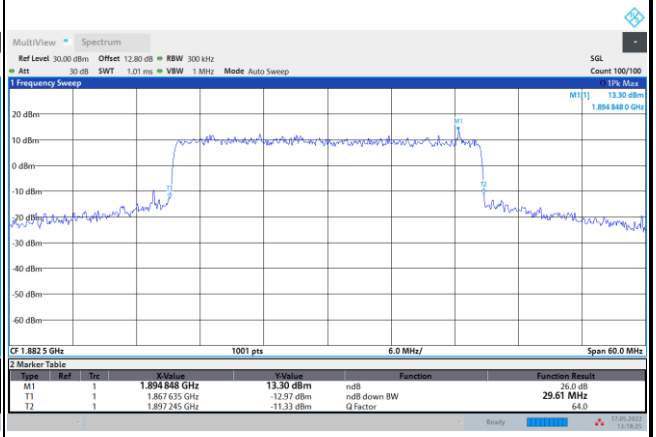


FR1 n25 / 30MHz / CP OFDM / Middle Channel / Full RB

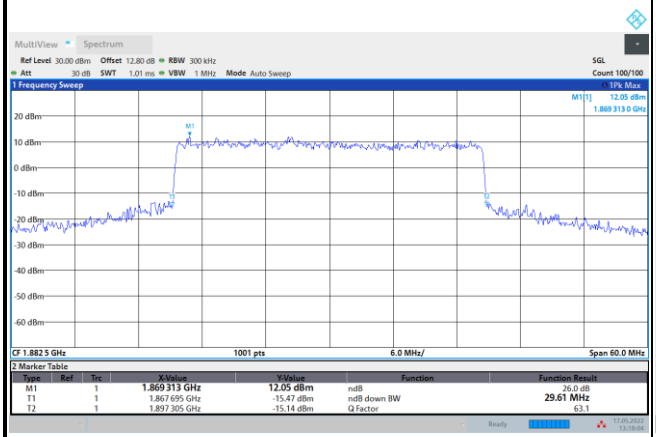
QPSK



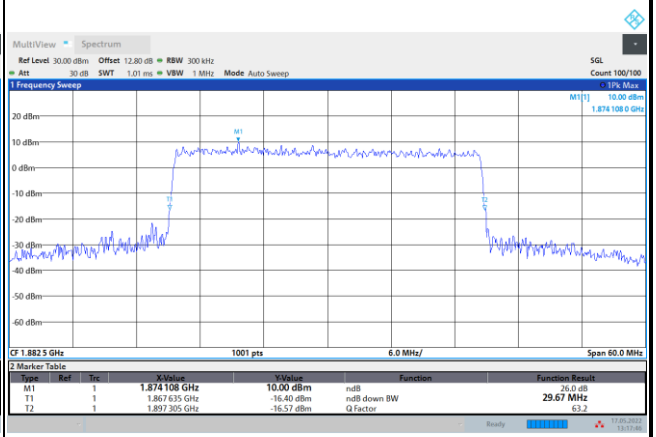
16QAM



64QAM

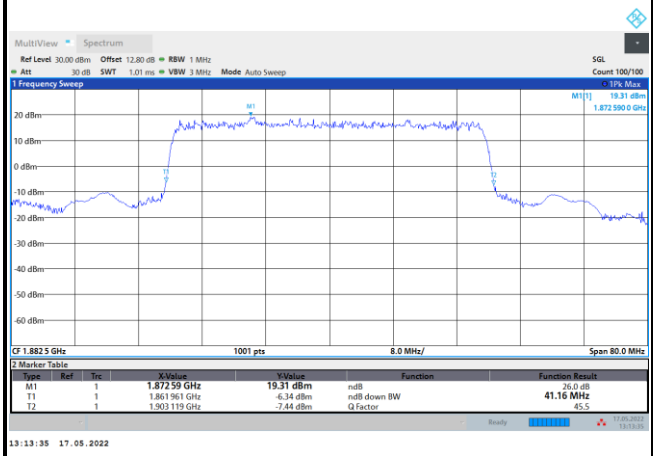


256QAM



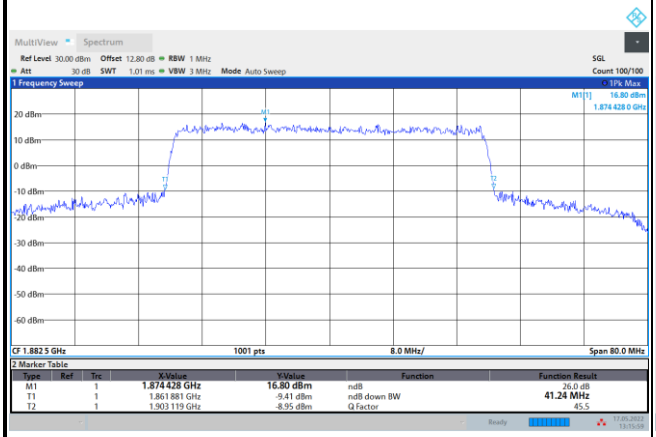
FR1 n25 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

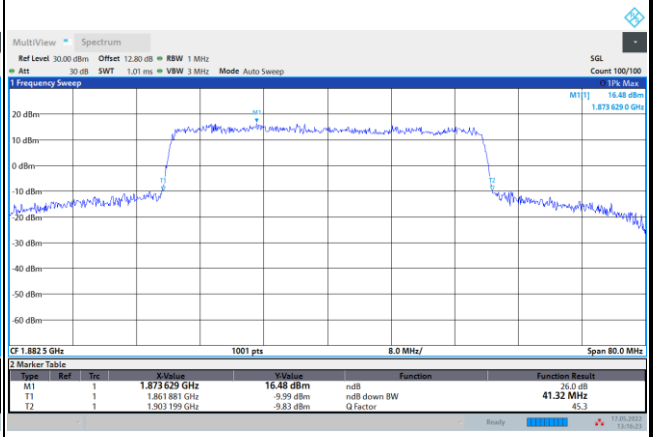


FR1 n25 / 40MHz / CP OFDM / Middle Channel / Full RB

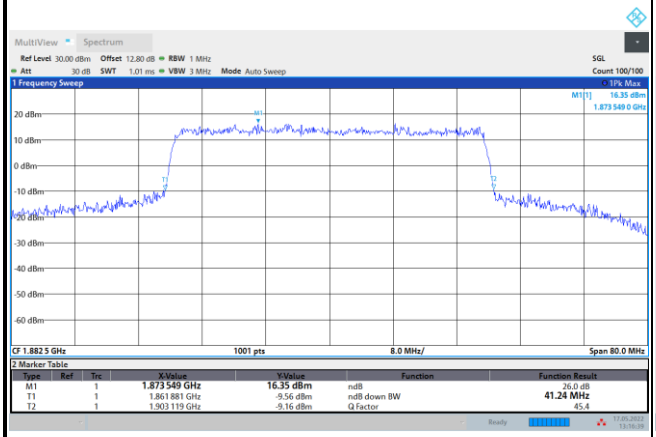
QPSK



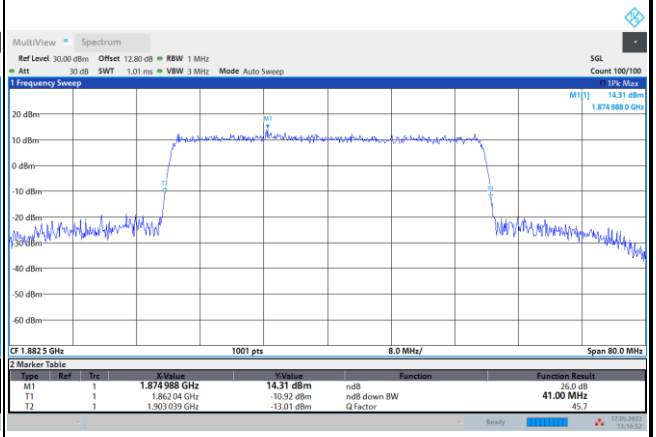
16QAM



64QAM



256QAM



Occupied Bandwidth

Mode	FR1 n25 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.48		8.91		13.49		17.91	
BW	25MHz		30MHz		40MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Middle CH	-		28.60		38.70			

Mode	FR1 n25 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.52	4.51	9.29	9.30	14.17	14.13	18.97	18.95
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.50	4.52	9.29	9.28	14.23	14.17	18.97	18.94
BW	25MHz		30MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	-	-	28.63	28.56	38.78	38.82		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	-	-	28.58	28.55	38.80	38.75		