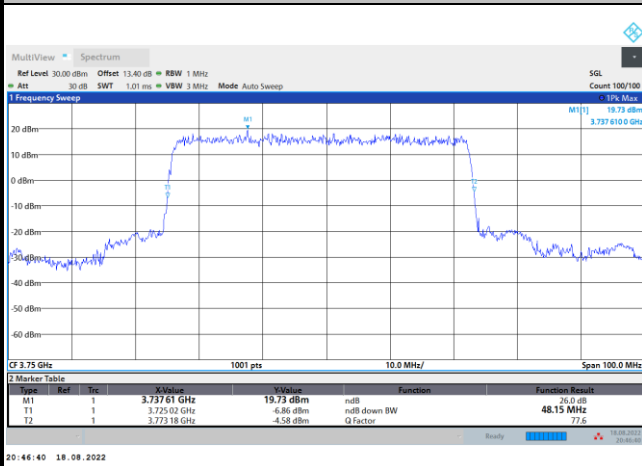
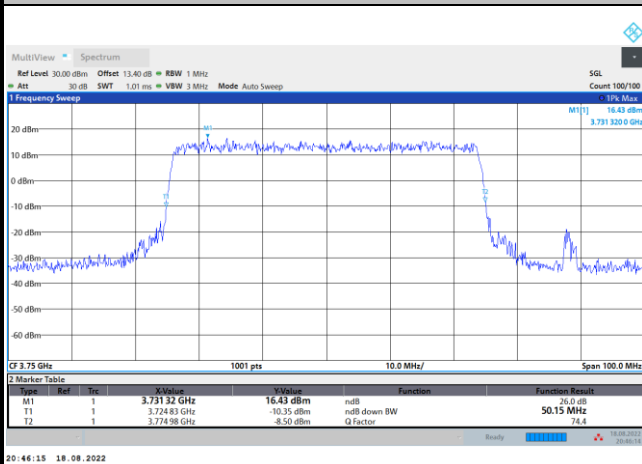
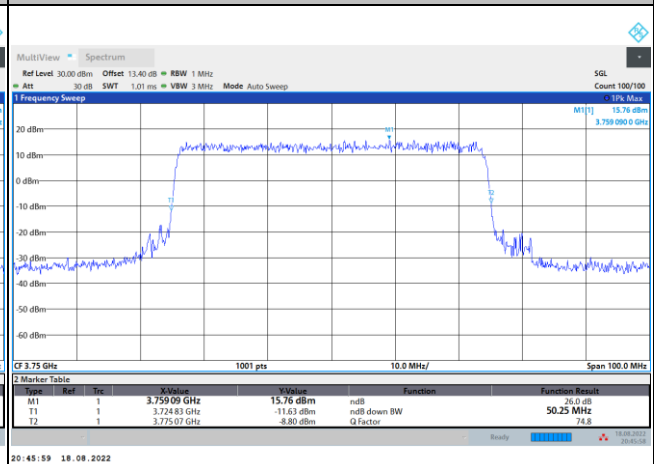
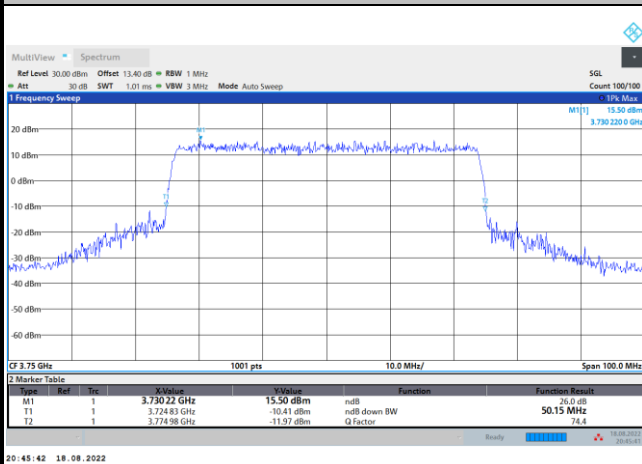
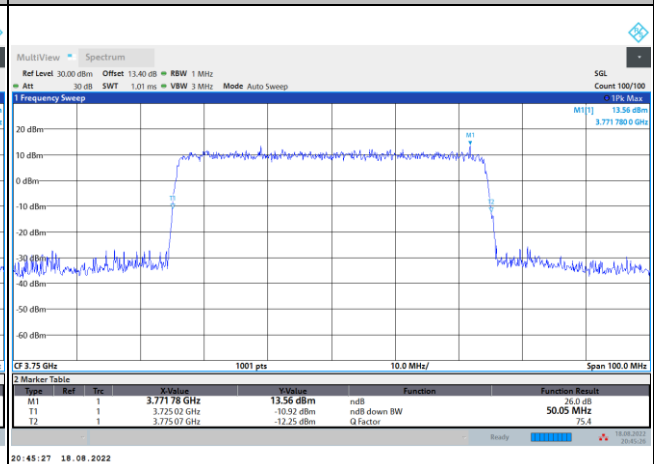
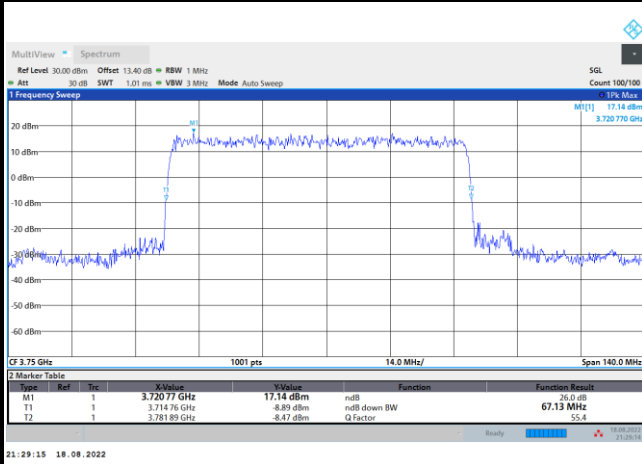
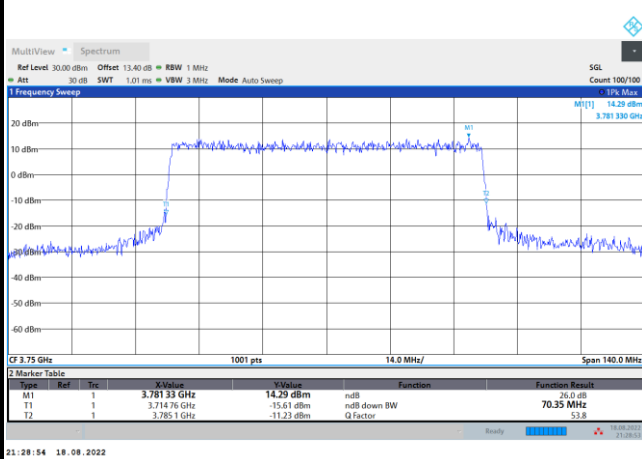
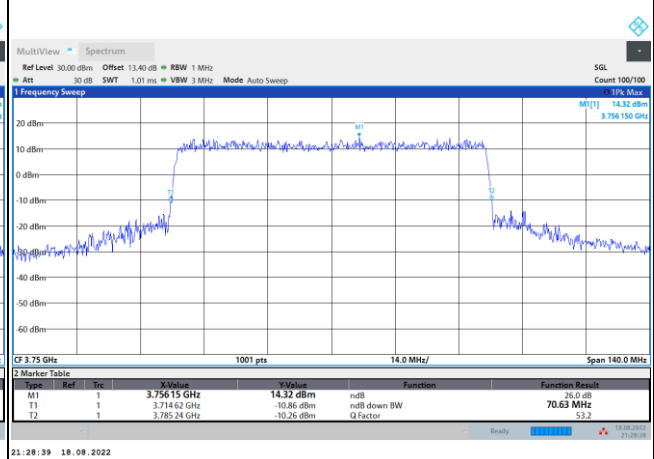
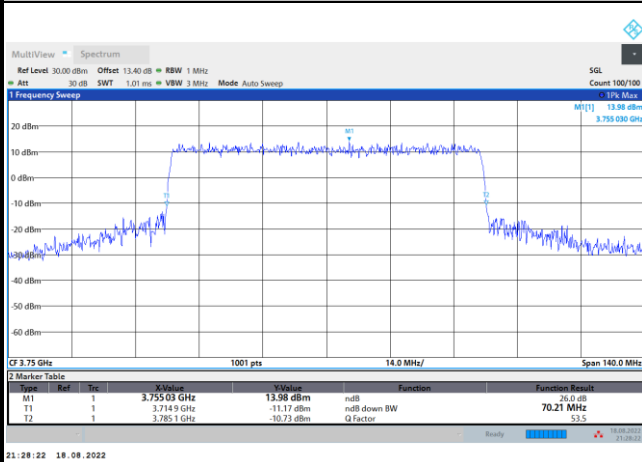
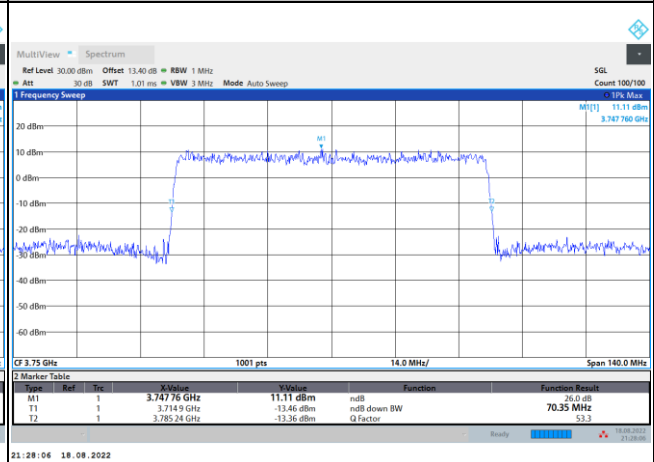
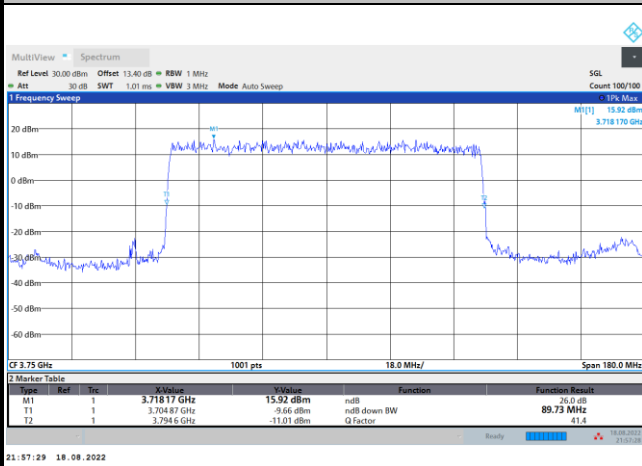
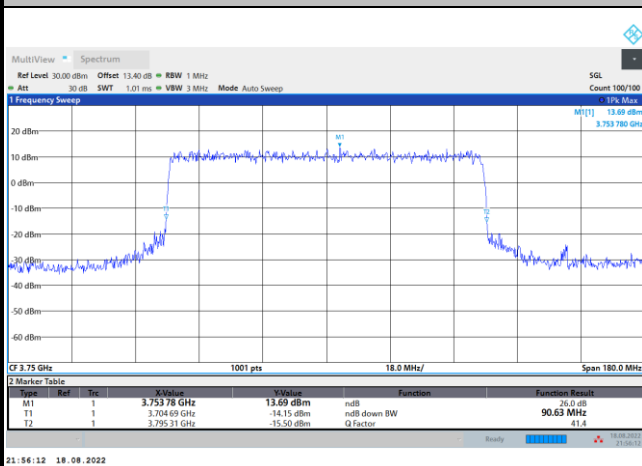
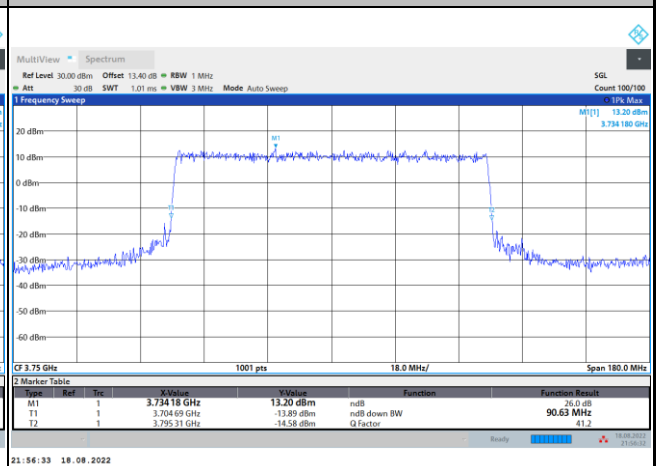
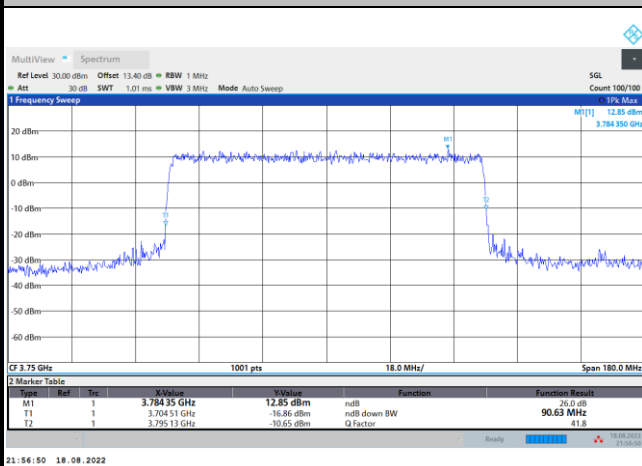
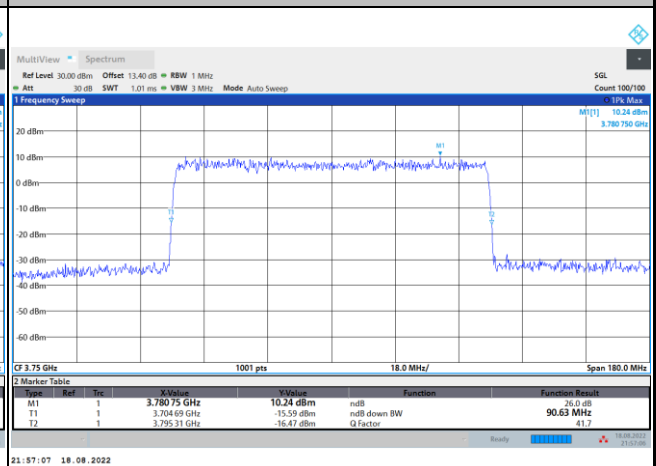


FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n78 (HPUE) / 50MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


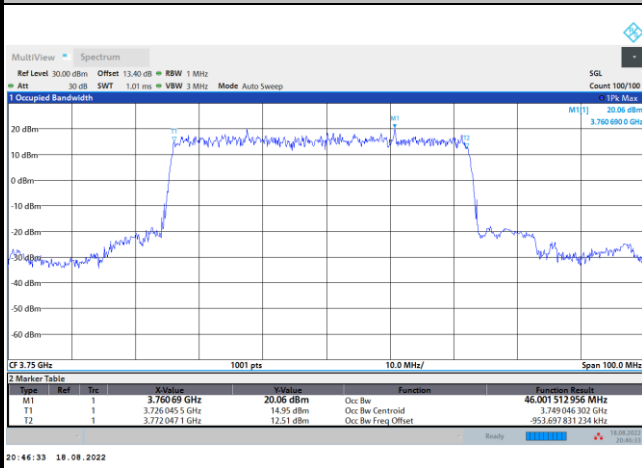
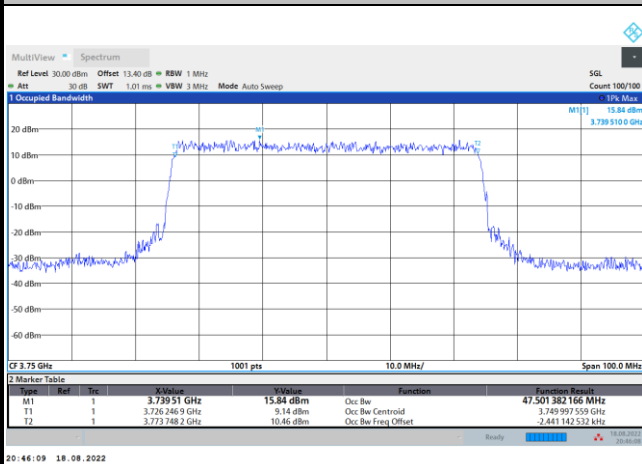
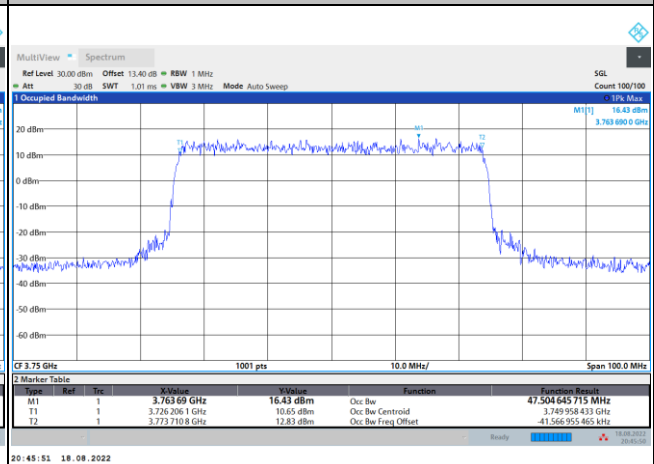
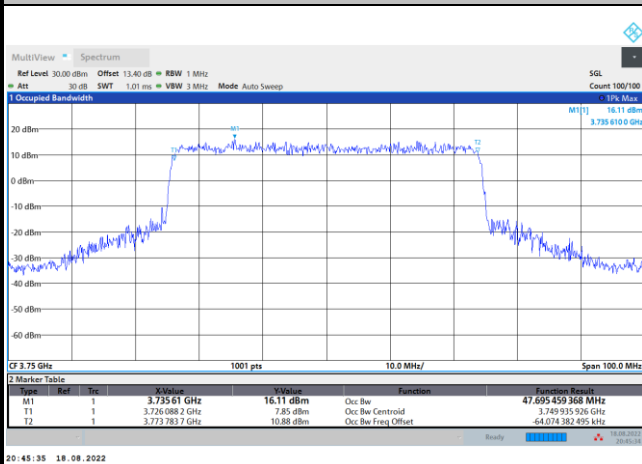
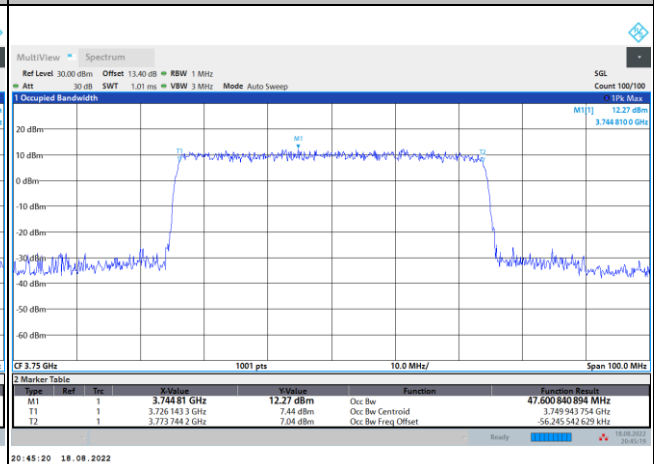
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n78 (HPUE) / 70MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


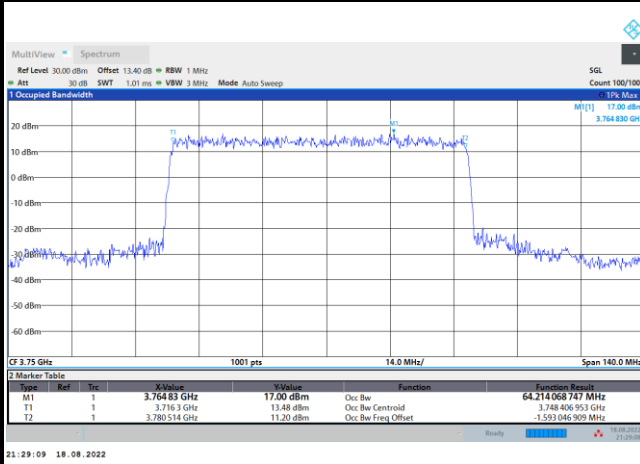
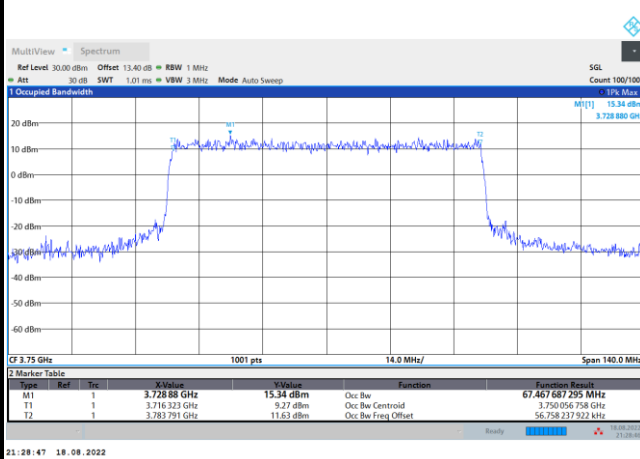
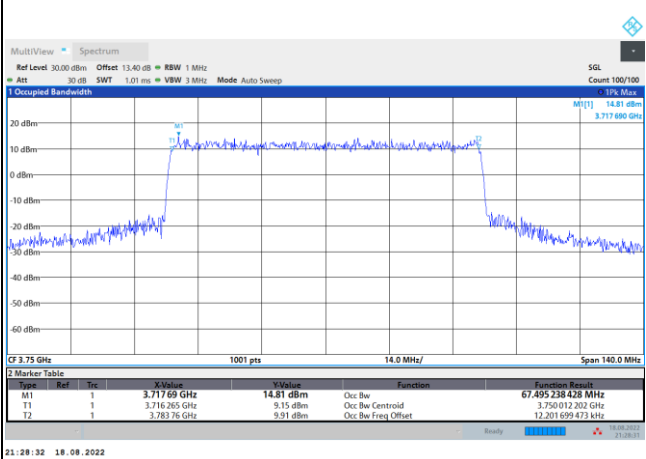
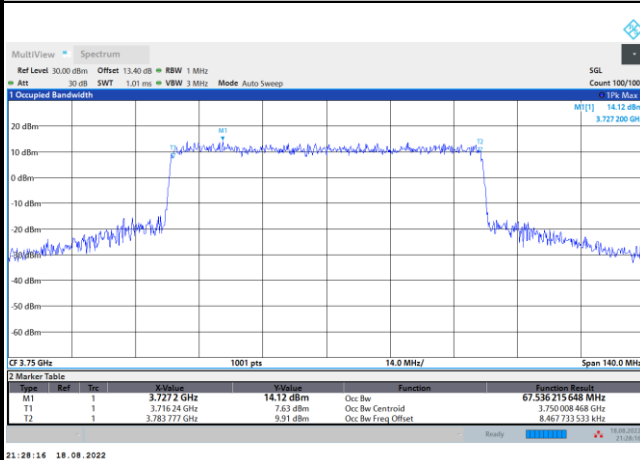
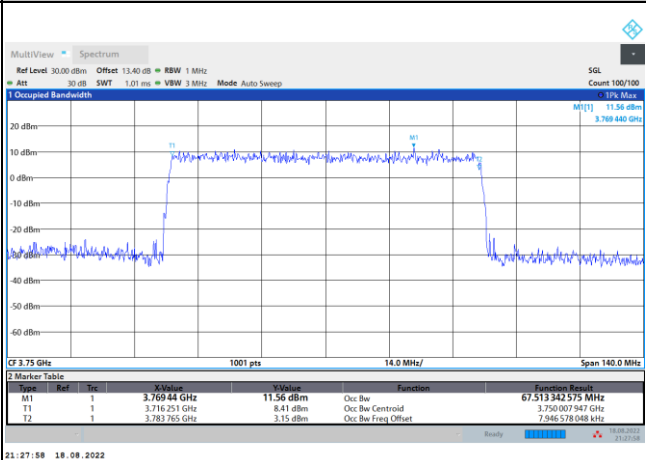
FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n78 (HPUE) / 90MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


**Occupied Bandwidth**

Mode	FR1 n78 (HPUE) : OB BW(MHz) / DFT-S OFDM							
BW	20MHz	25MHz	30MHz	40MHz	50MHz	60MHz	70MHz	80MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	-	-	-	-	46.00	-	64.21	-
BW	90MHz	100MHz						
Mod.	PI/2 BPSK	PI/2 BPSK						
Middle CH	86.72	-						

Mode	FR1 n78 (HPUE) : OB BW(MHz) / CP OFDM							
BW	20MHz		25MHz		30MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	-	-
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	47.50	47.50	-	-	67.46	67.49	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	47.69	47.60	-	-	67.53	67.51	-	-
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	87.20	87.41	-	-				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	87.39	87.45	-	-				

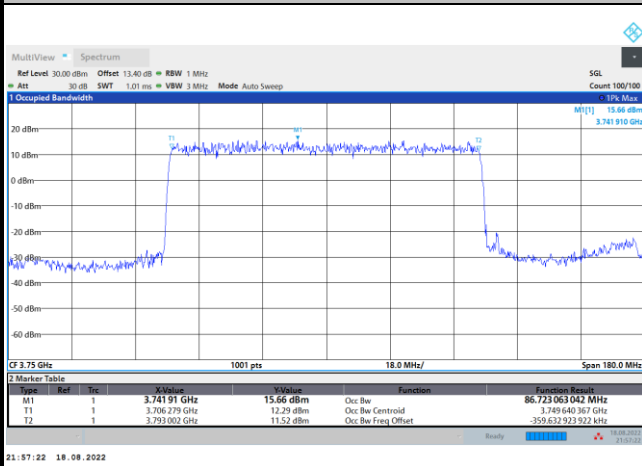
FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n78 (HPUE) / 50MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n78 (HPUE) / 70MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




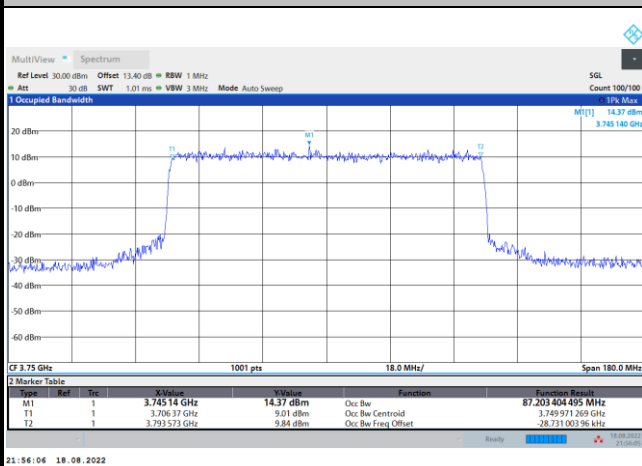
FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

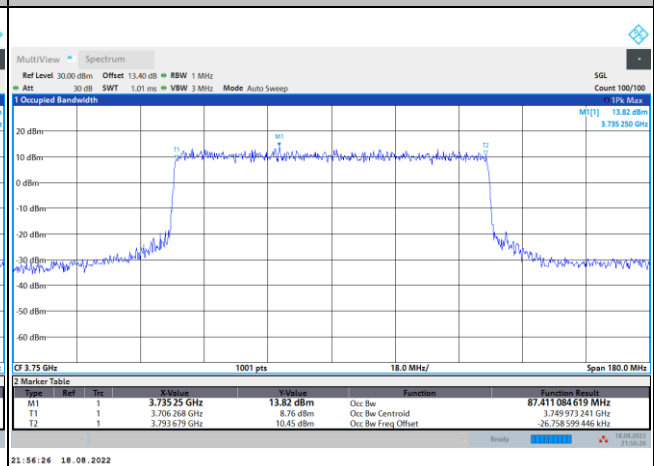


FR1 n78 (HPUE) / 90MHz / CP OFDM / Middle Channel / Full RB

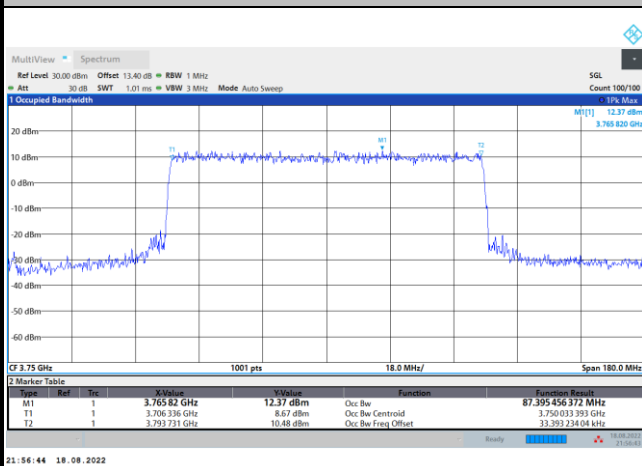
QPSK



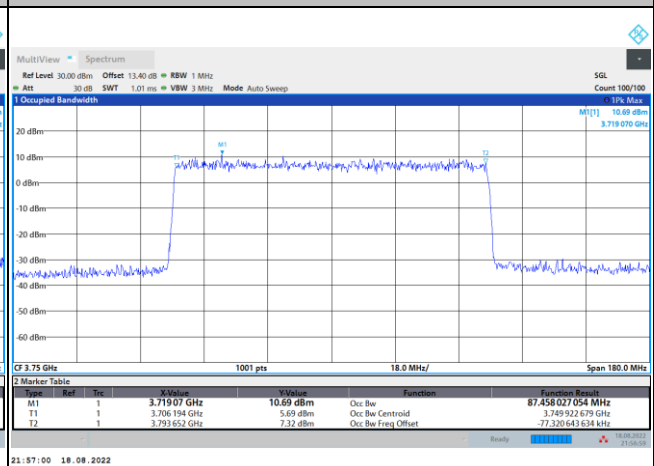
16QAM

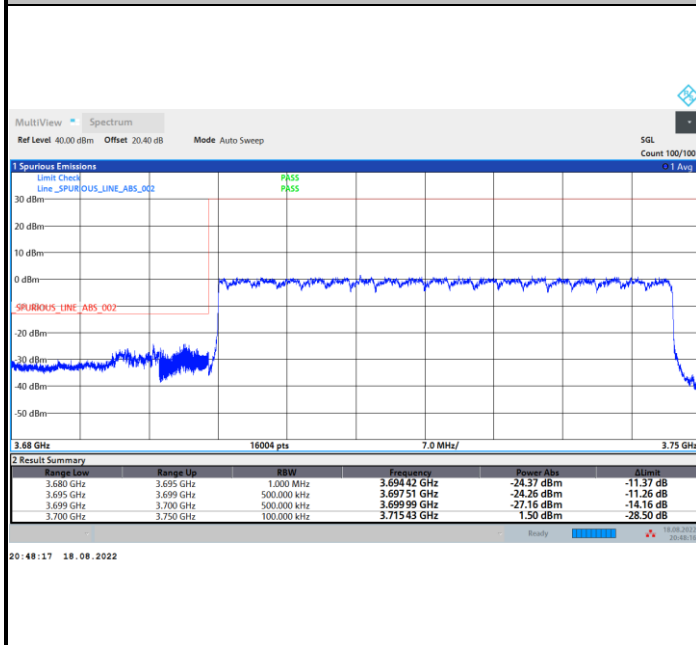
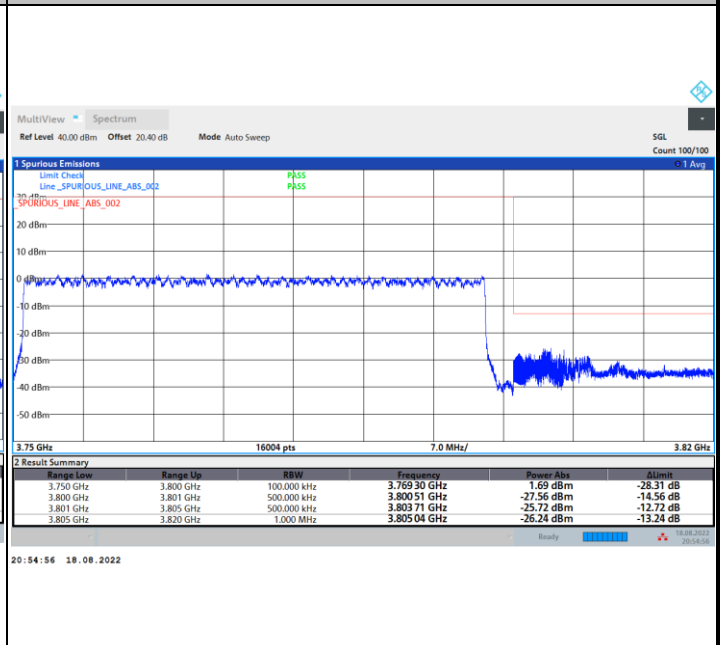
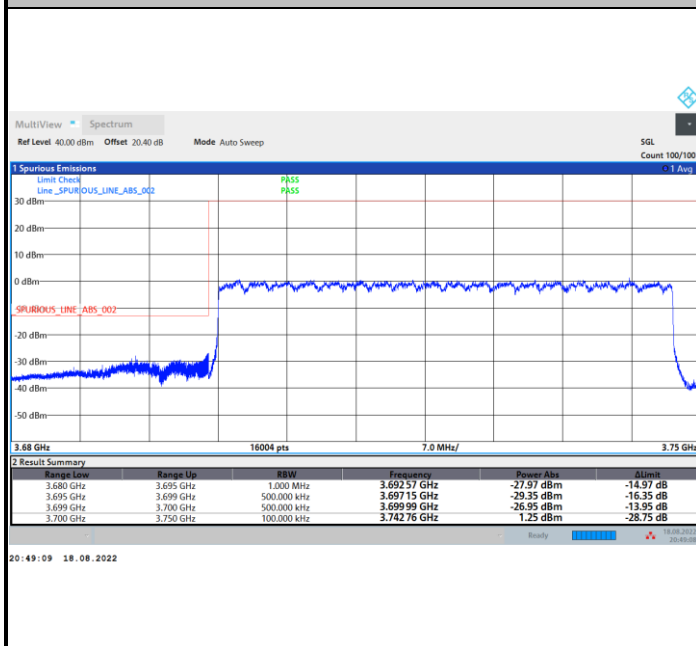
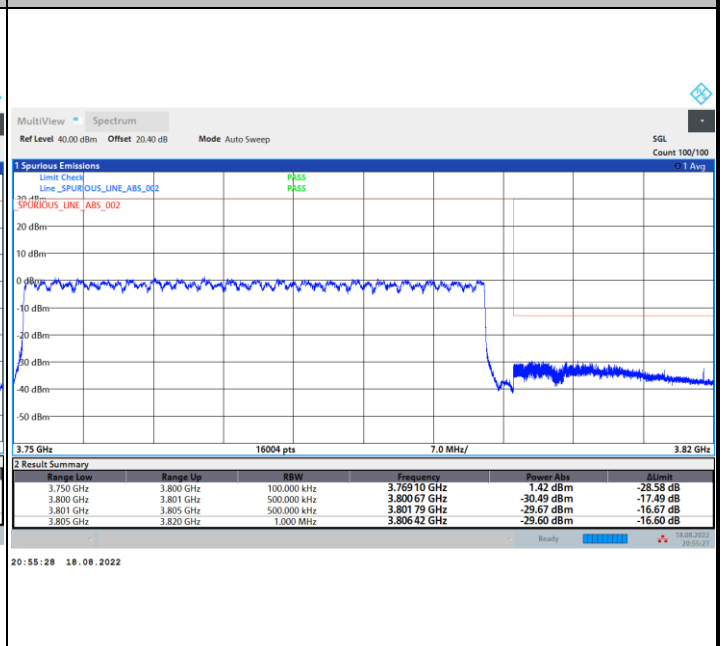


64QAM



256QAM

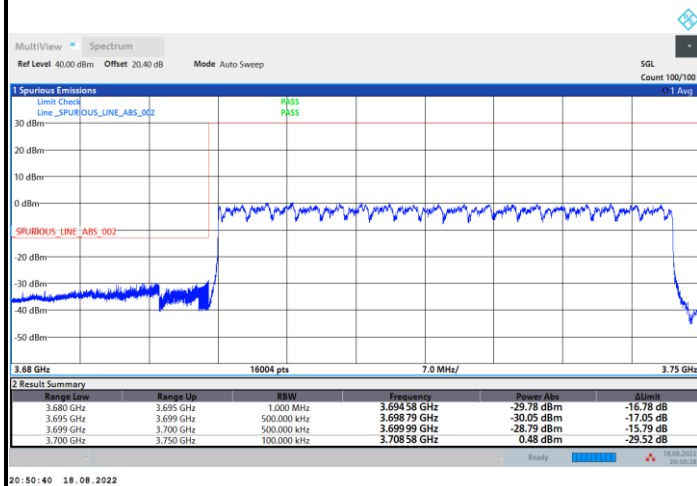


**Conducted Band Edge****FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



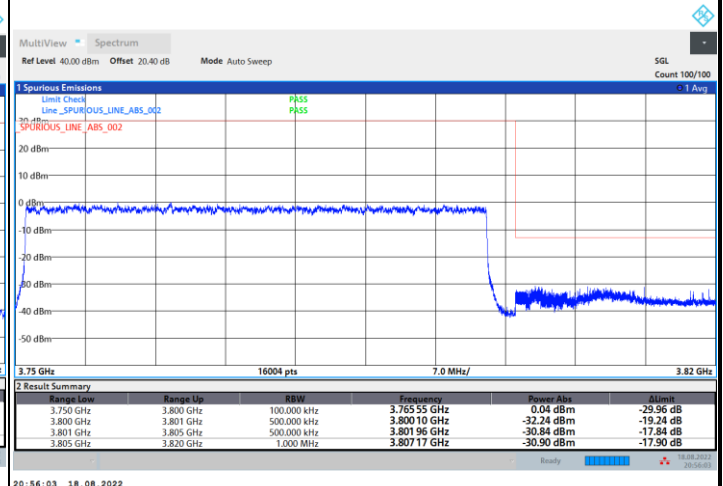
FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



20:50:40 18.08.2022

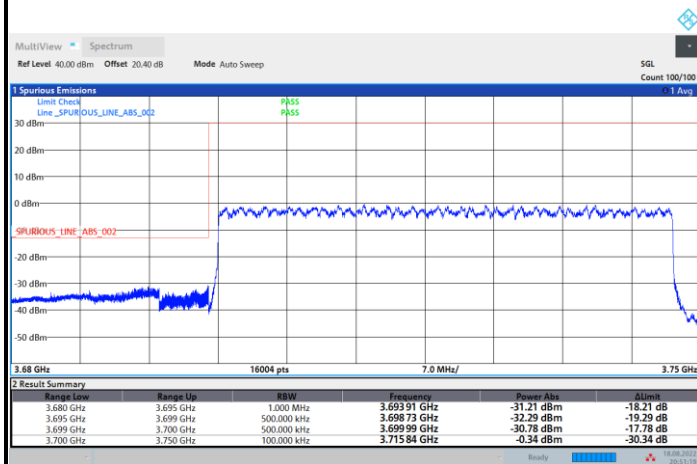
Highest Band Edge / Full RB



20:56:03 18.08.2022

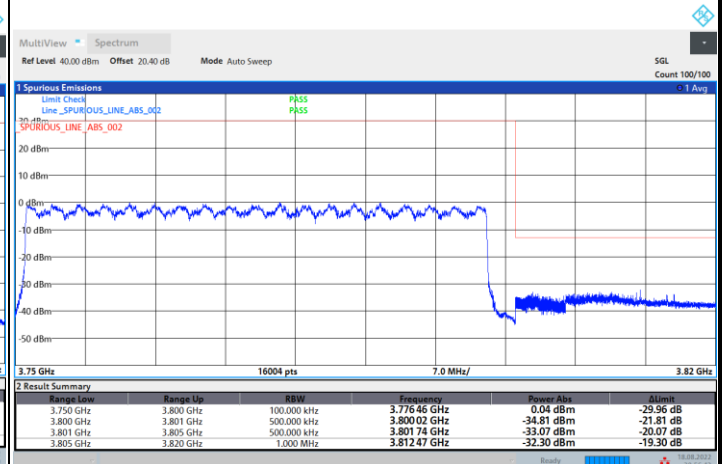
FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



20:51:20 18.08.2022

Highest Band Edge / Full RB

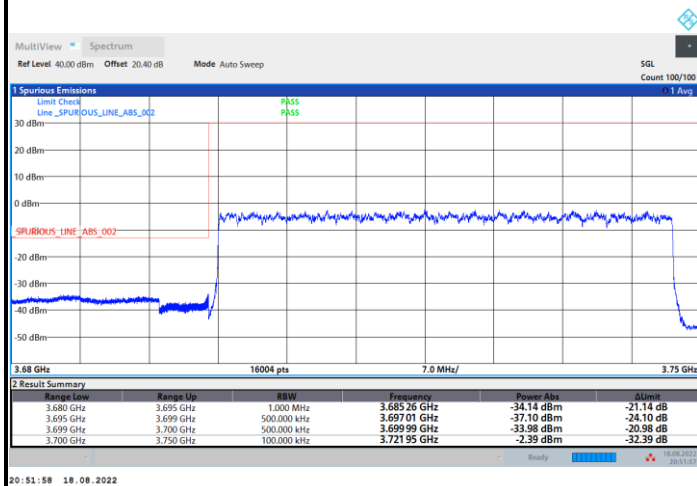


20:56:42 18.08.2022



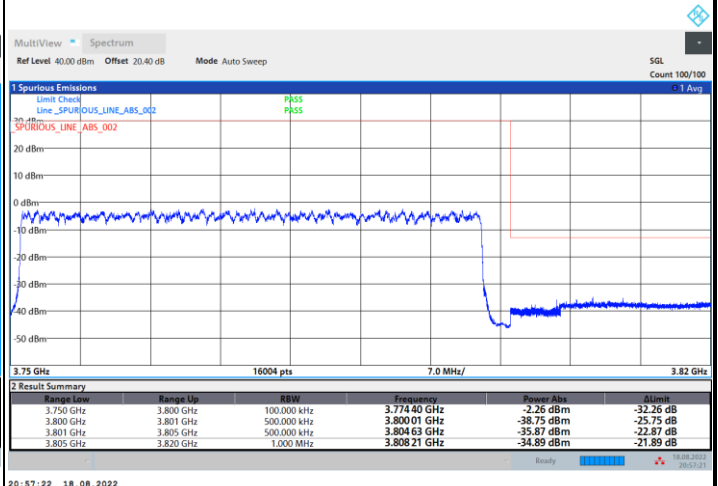
FR1 n78 (HPUE) / 50MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



20:51:58 18.08.2022

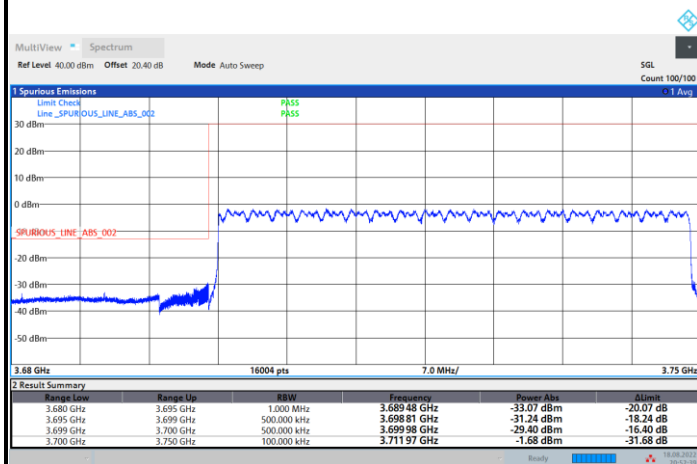
Highest Band Edge / Full RB



20:57:22 18.08.2022

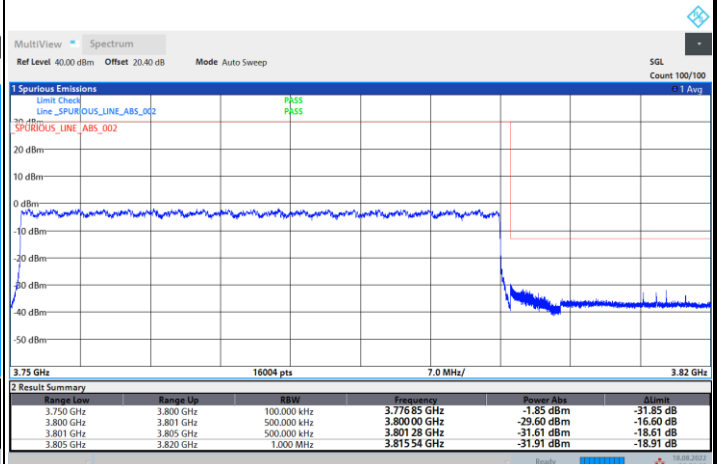
FR1 n78 (HPUE) / 50MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



20:52:40 18.08.2022

Highest Band Edge

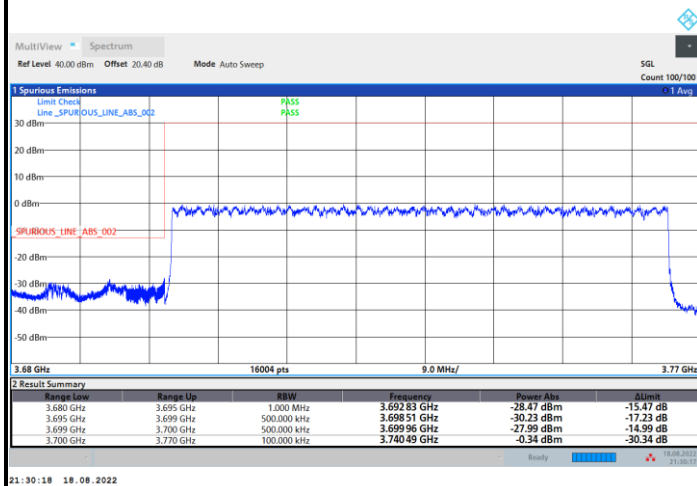


20:54:08 18.08.2022



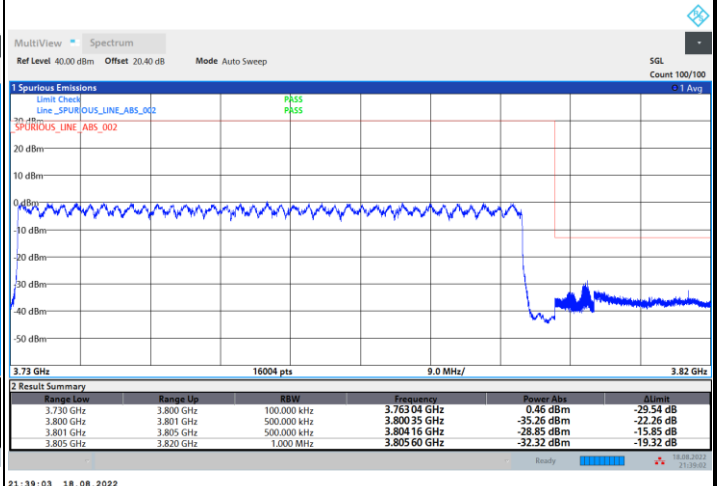
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



21:30:18 18.08.2022

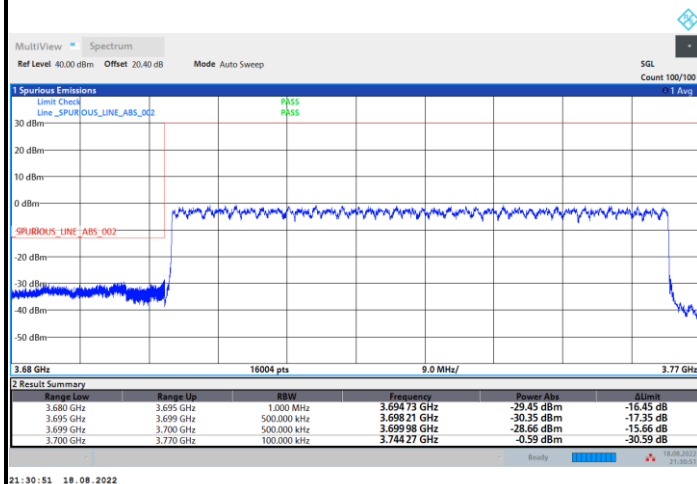
Highest Band Edge / Full RB



21:39:03 18.08.2022

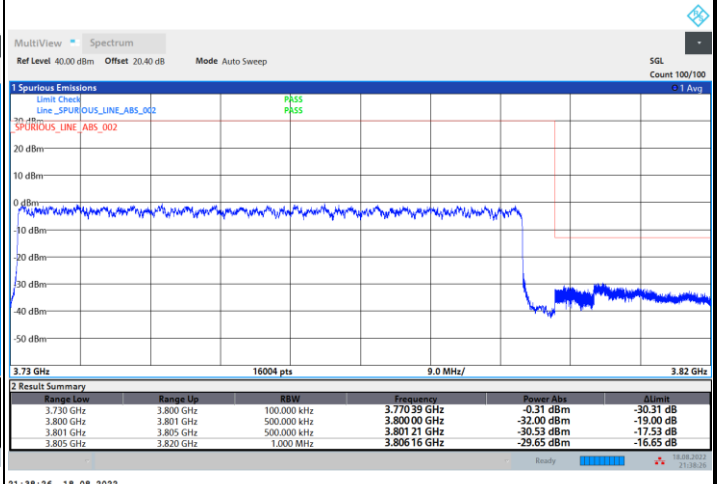
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



21:30:51 18.08.2022

Highest Band Edge / Full RB

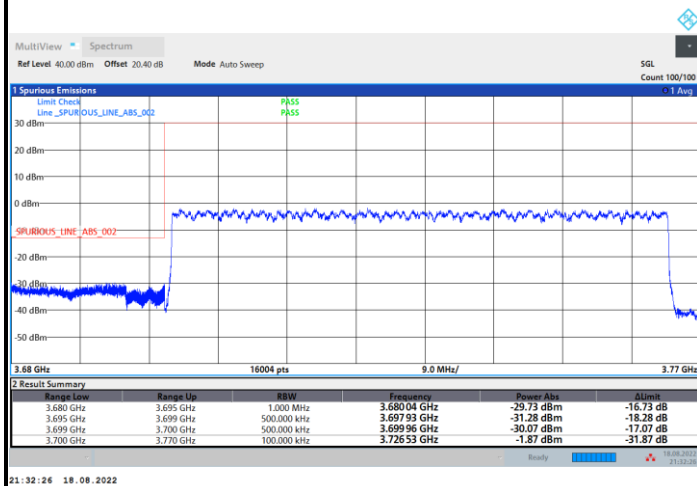


21:38:26 18.08.2022



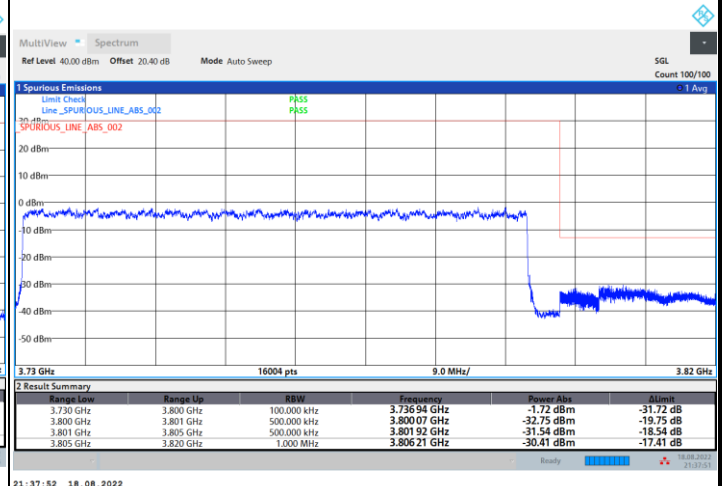
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



21:32:26 18.08.2022

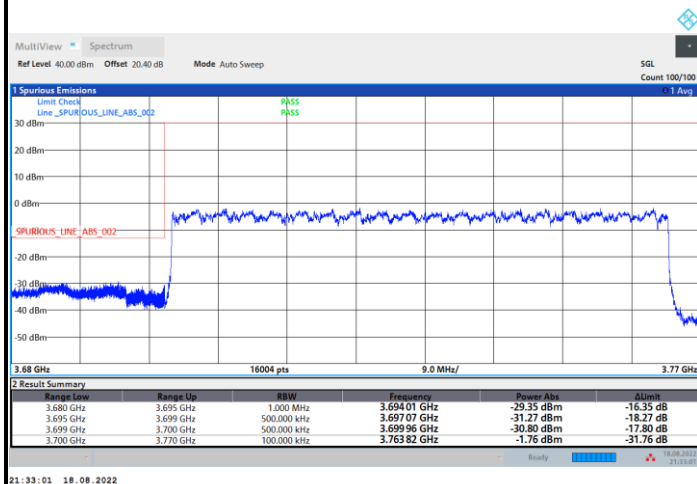
Highest Band Edge / Full RB



21:37:52 18.08.2022

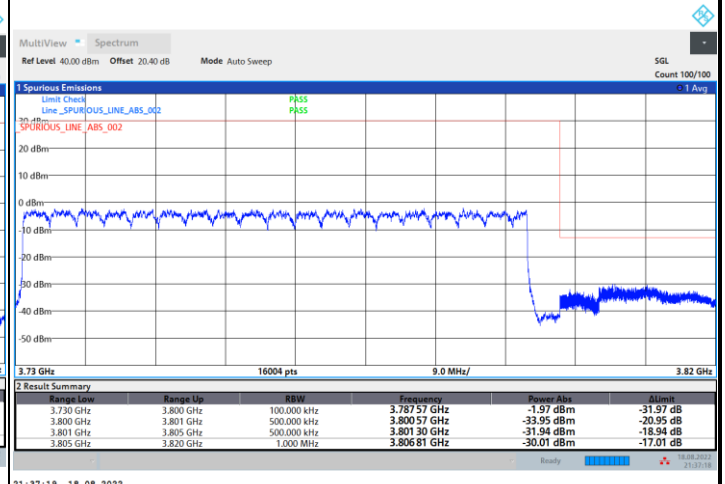
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



21:33:01 18.08.2022

Highest Band Edge / Full RB

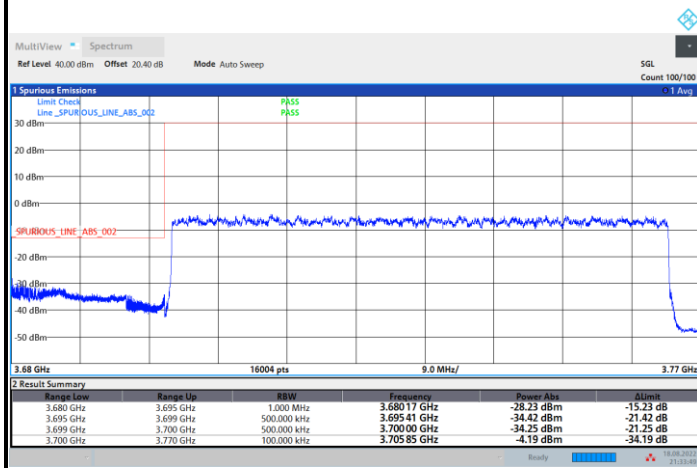


21:37:19 18.08.2022



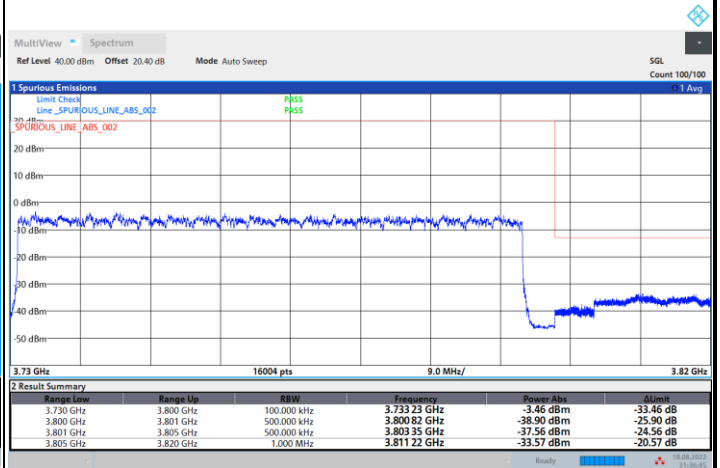
FR1 n78 (HPUE) / 70MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



21:33:49 18.08.2022

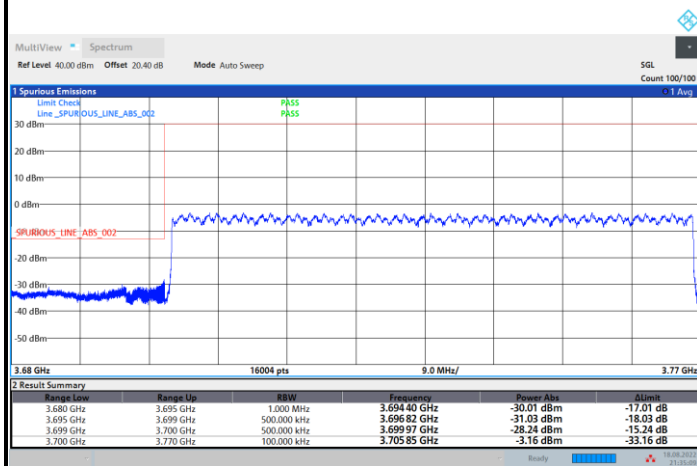
Highest Band Edge / Full RB



21:36:46 18.08.2022

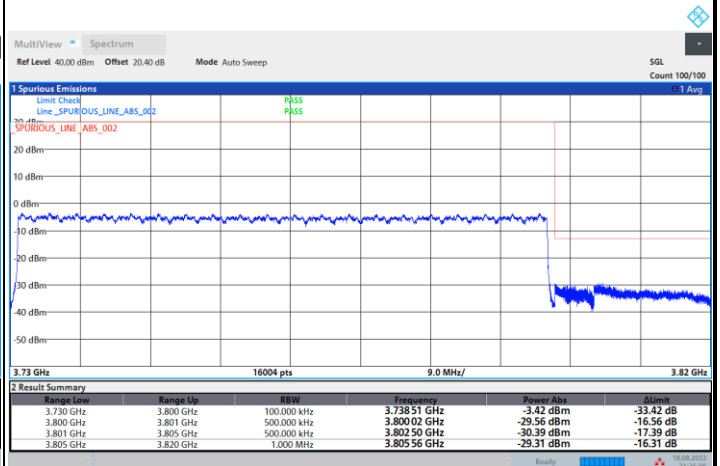
FR1 n78 (HPUE) / 70MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



21:35:10 18.08.2022

Highest Band Edge

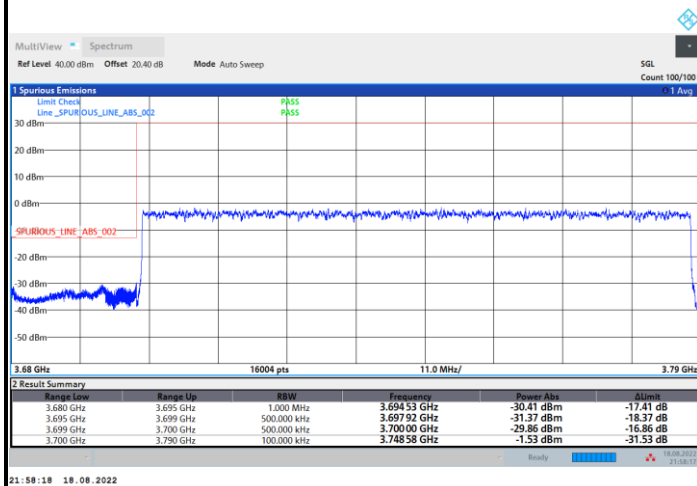


21:36:07 18.08.2022



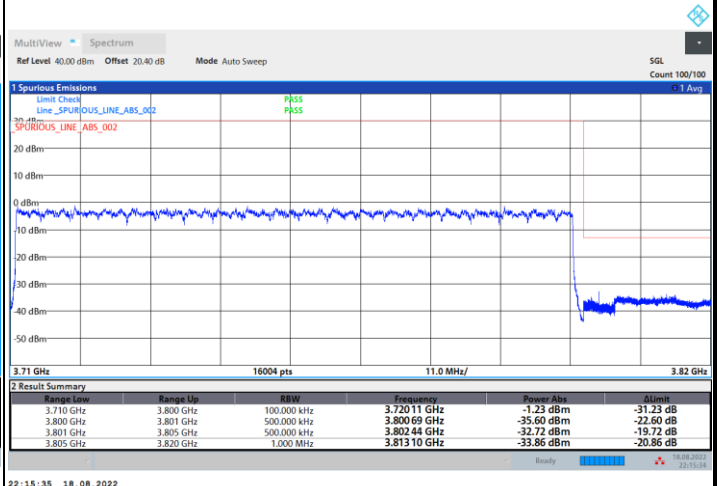
FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



21:58:18 18.08.2022

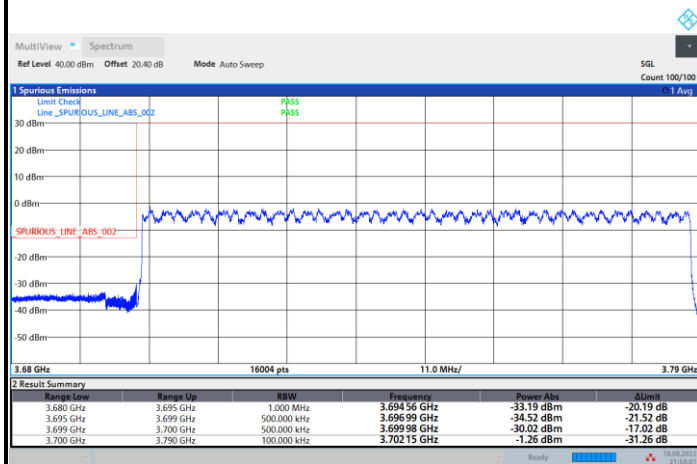
Highest Band Edge / Full RB



22:15:35 18.08.2022

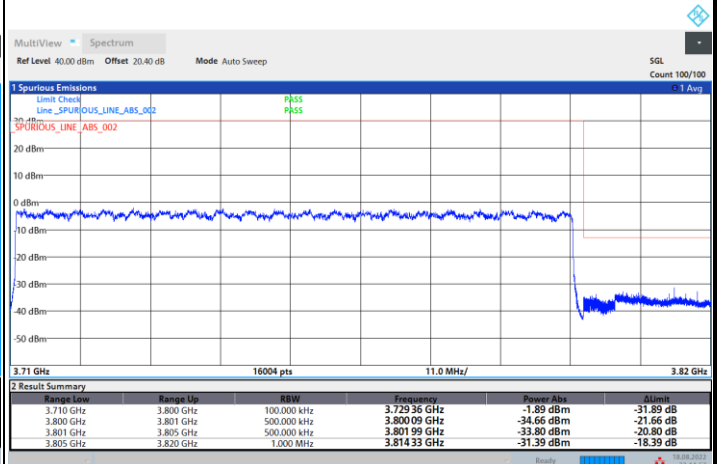
FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



21:59:01 18.08.2022

Highest Band Edge / Full RB

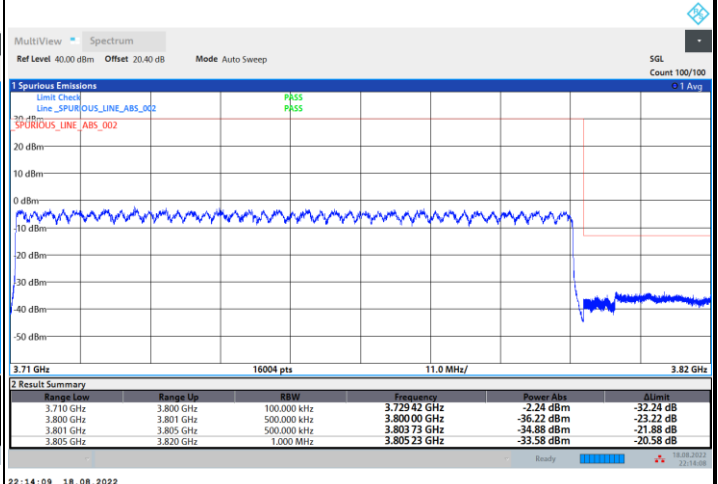


22:14:58 18.08.2022



FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / 16QAM

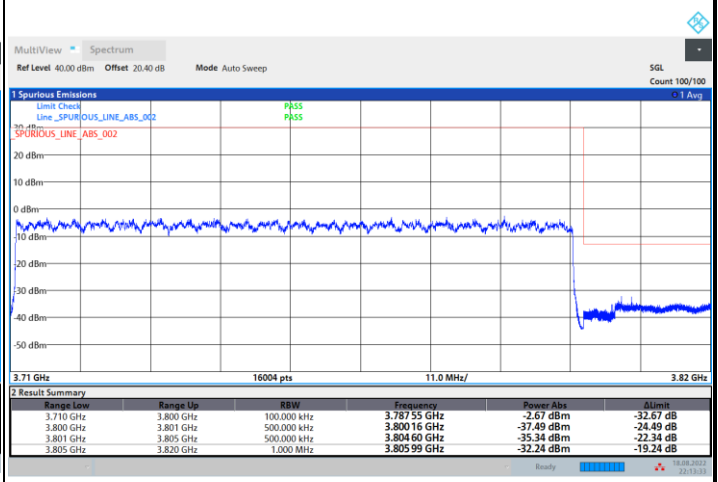
Highest Band Edge / Full RB



22:14:09 18.08.2023

FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / 64QAM

Highest Band Edge / Full RB

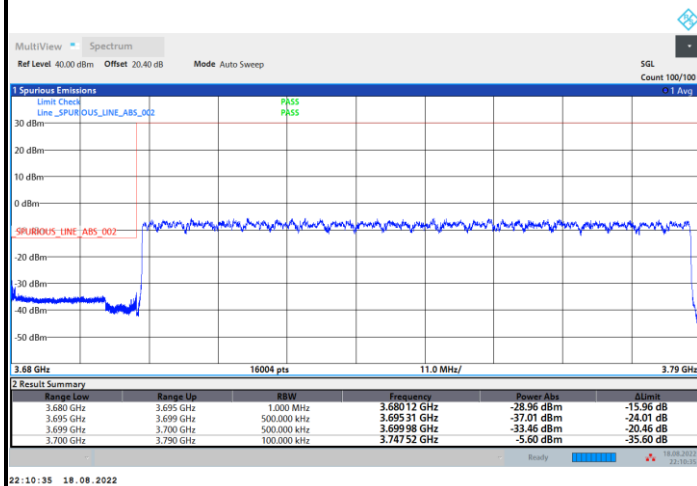


22:13:34 18.08.2022



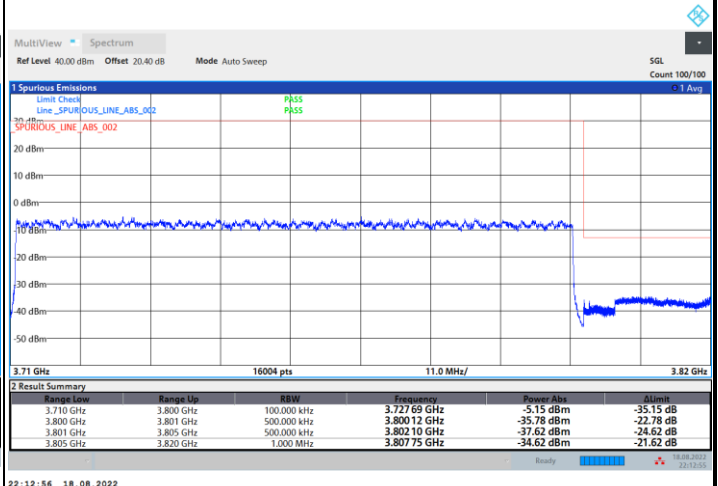
FR1 n78 (HPUE) / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



22:10:35 18.08.2022

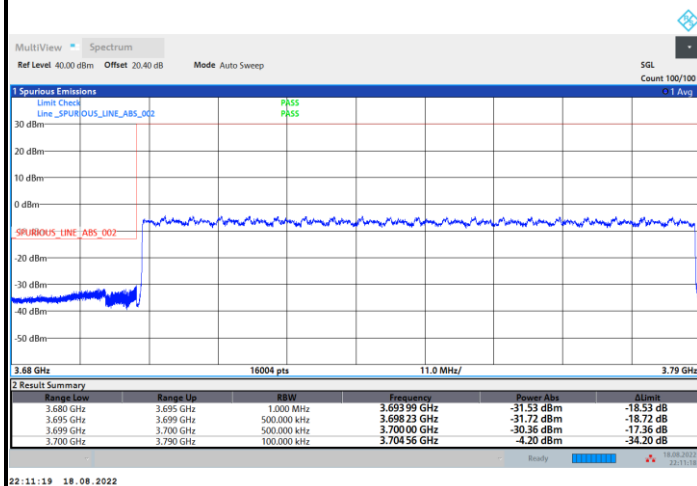
Highest Band Edge / Full RB



22:12:56 18.08.2022

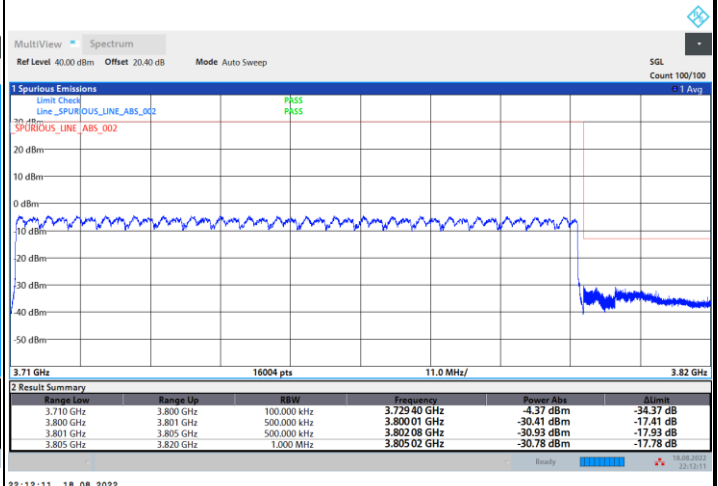
FR1 n78 (HPUE) / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



22:11:19 18.08.2022

Highest Band Edge



22:12:11 18.08.2022



<MIMO Mode>

MIMO <Ant. 1>

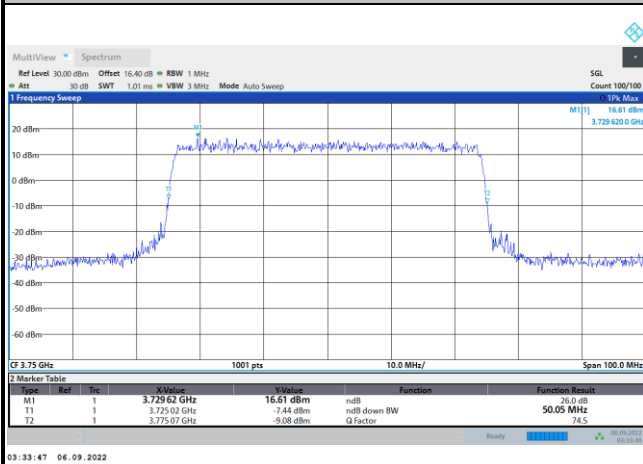
26dB Bandwidth

Mode	FR1 n78 : 26dB BW(MHz) / CP OFDM							
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	50.05	49.95	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	50.15	50.05	-	-
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	70.35	70.21	-	-	90.45	90.45	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	70.21	70.21	-	-	90.27	90.45	-	-

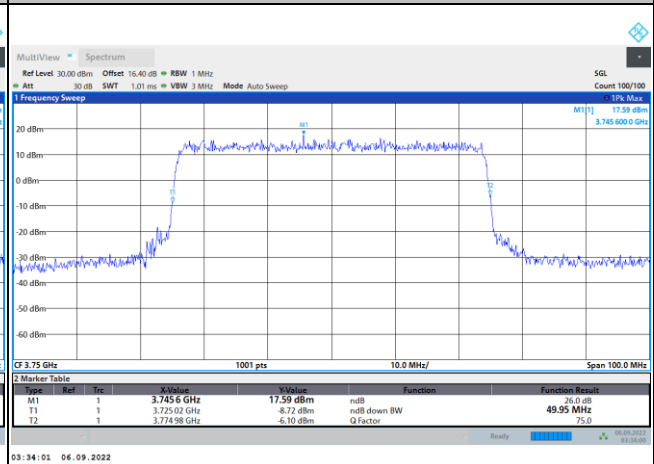


FR1 n78 / 50MHz / CP OFDM / Middle Channel / Full RB

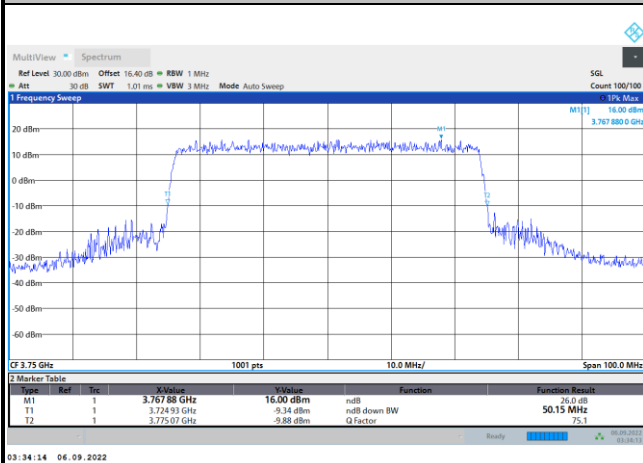
QPSK



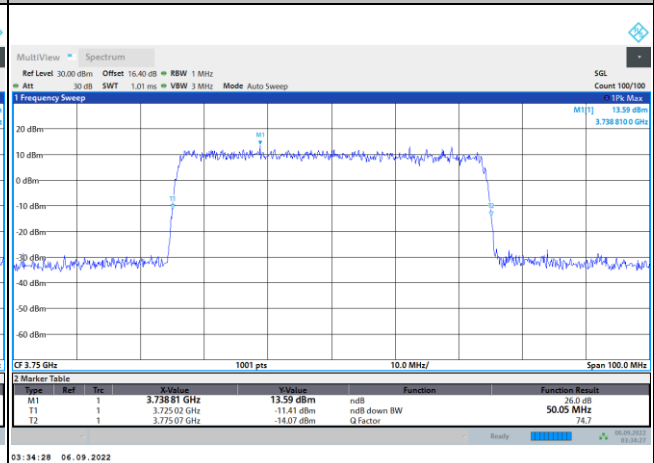
16QAM



64QAM



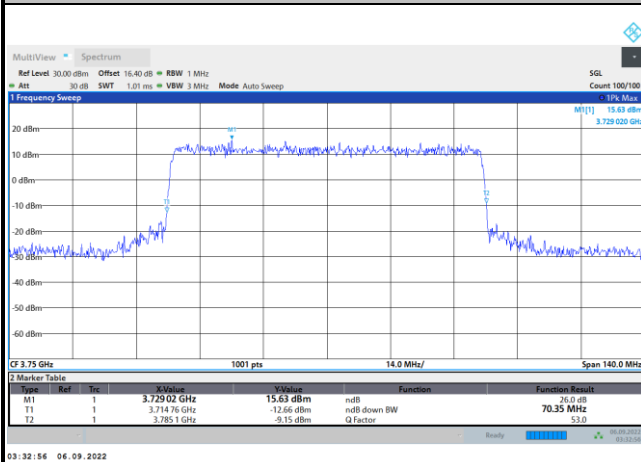
256QAM



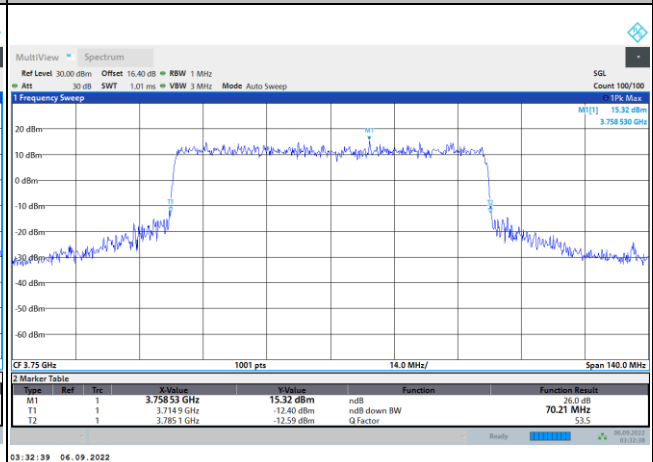


FR1 n78 / 70MHz / CP OFDM / Middle Channel / Full RB

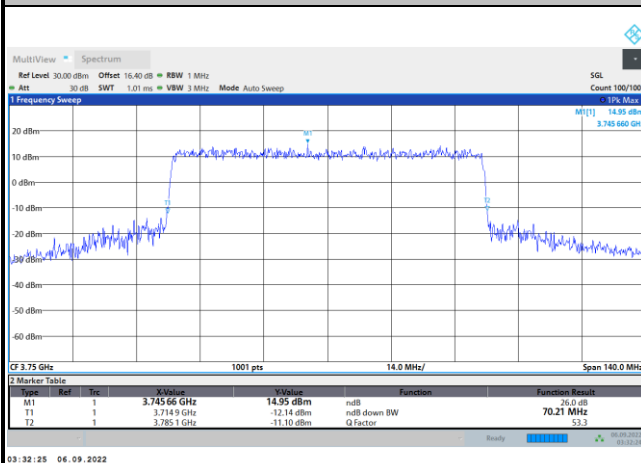
QPSK



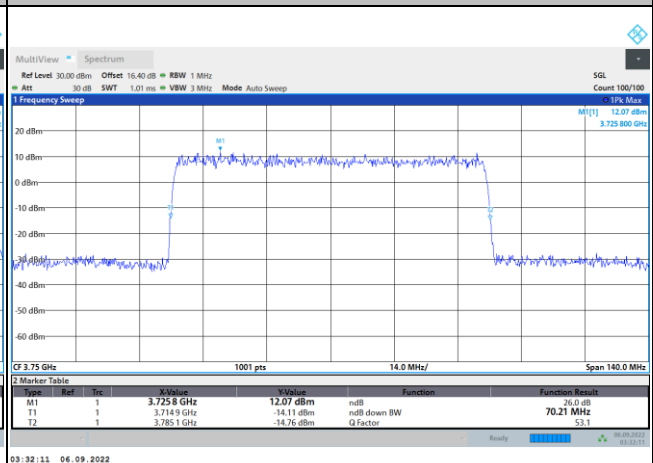
16QAM



64QAM



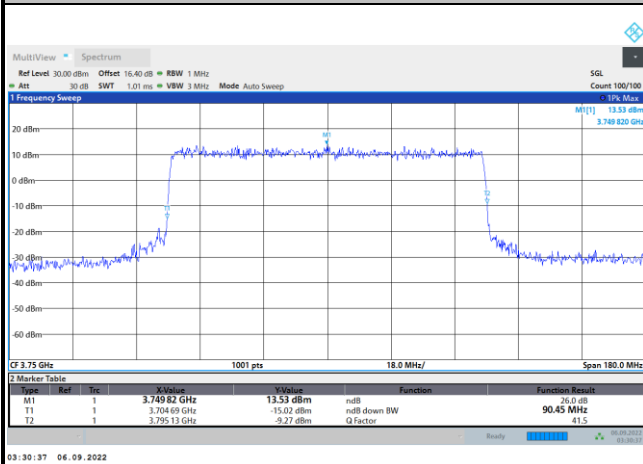
256QAM



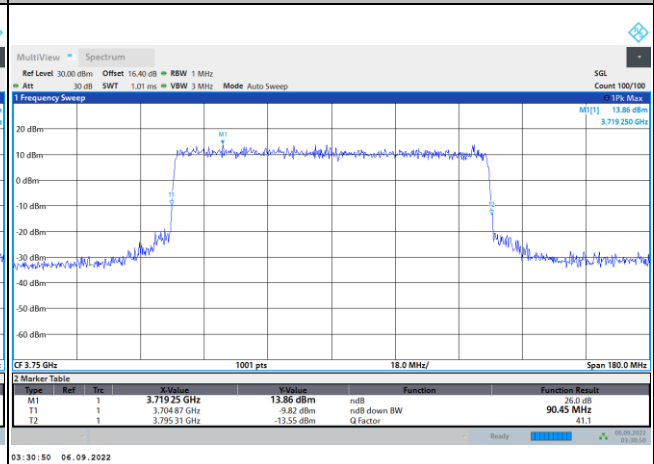


FR1 n78 / 90MHz / CP OFDM / Middle Channel / Full RB

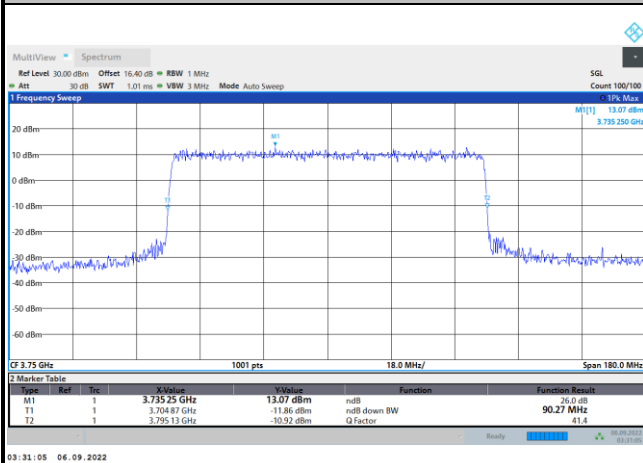
QPSK



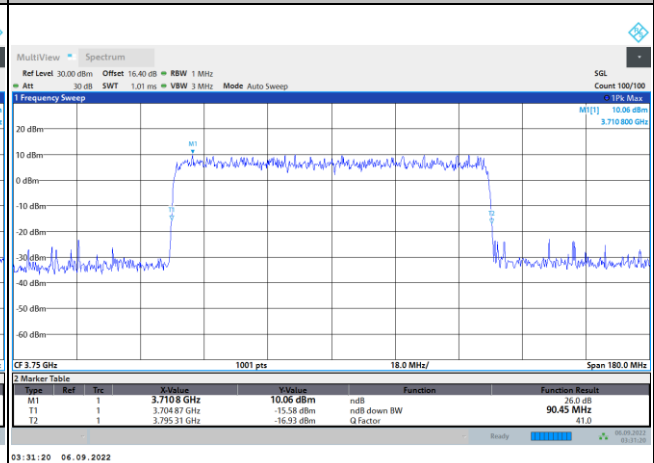
16QAM



64QAM



256QAM



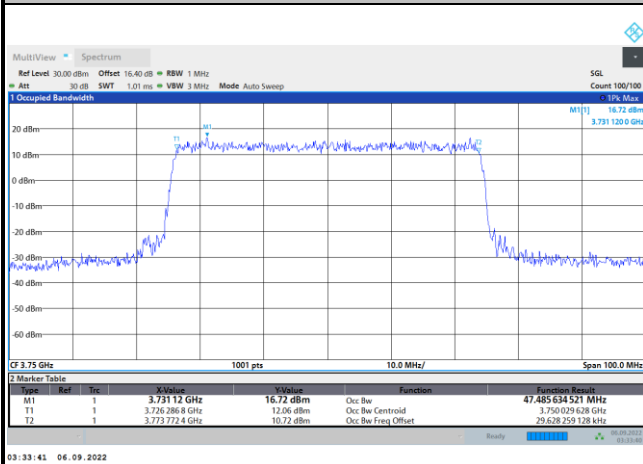
**Occupied Bandwidth**

Mode	FR1 n78 : OB BW(MHz) / CP OFDM							
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	47.48	47.61	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	47.59	47.56	-	-
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	67.43	67.57	-	-	87.43	87.36	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	67.50	67.53	-	-	87.19	87.59	-	-

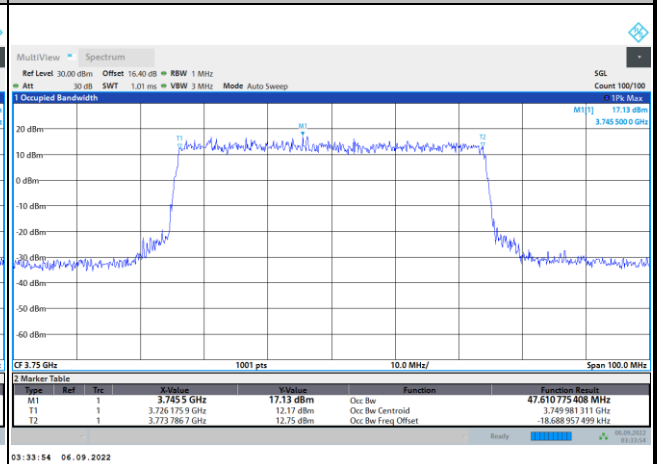


FR1 n78 / 50MHz / CP OFDM / Middle Channel / Full RB

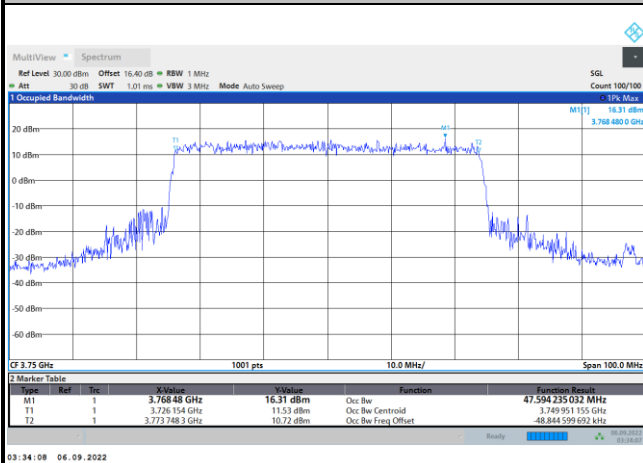
QPSK



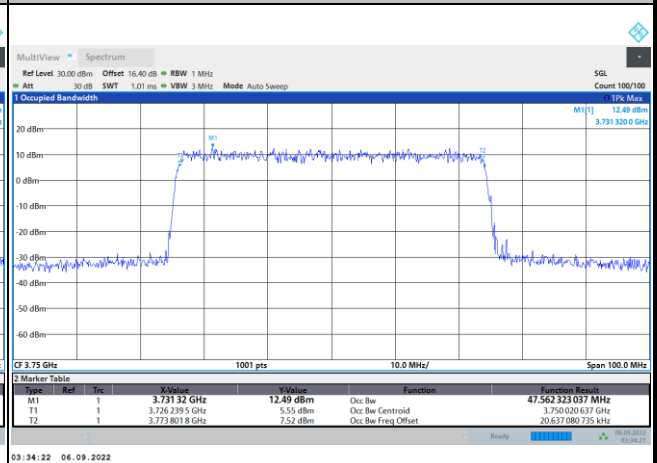
16QAM



64QAM



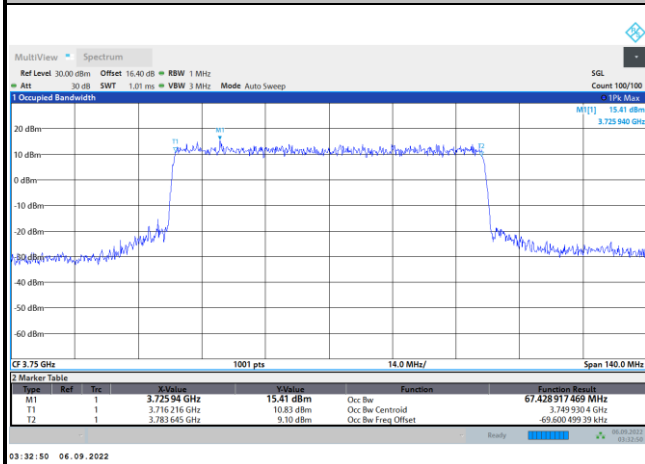
256QAM



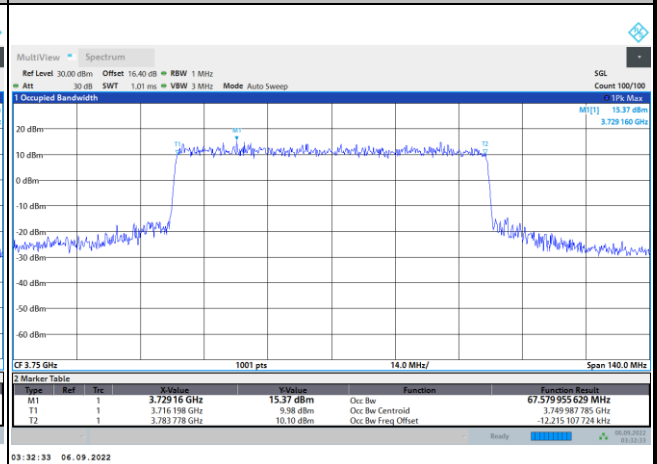


FR1 n78 / 70MHz / CP OFDM / Middle Channel / Full RB

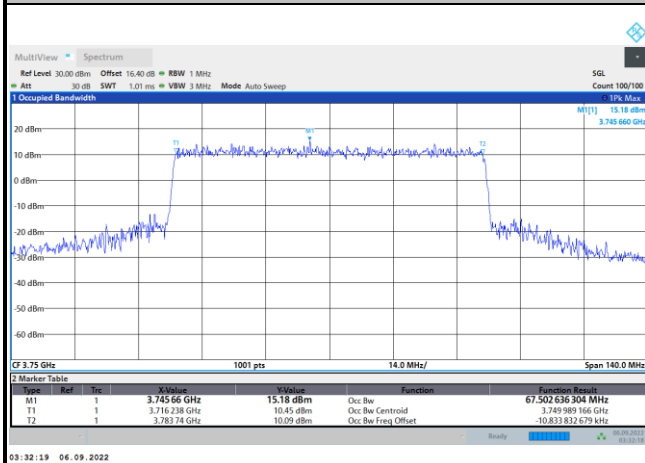
QPSK



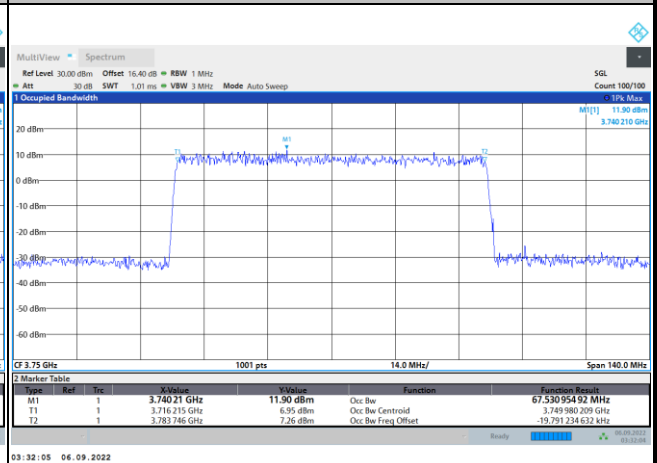
16QAM



64QAM



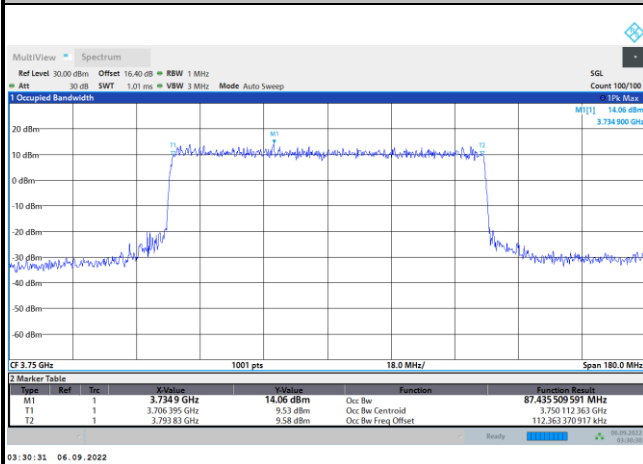
256QAM



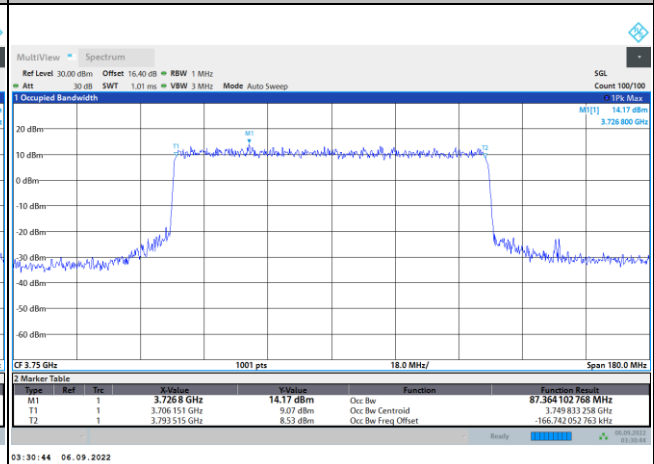


FR1 n78 / 90MHz / CP OFDM / Middle Channel / Full RB

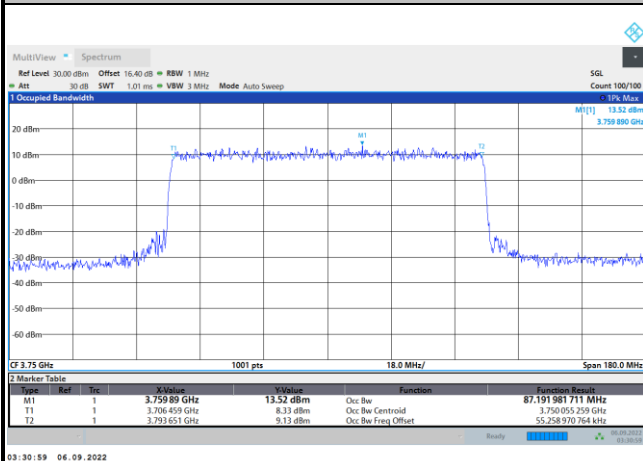
QPSK



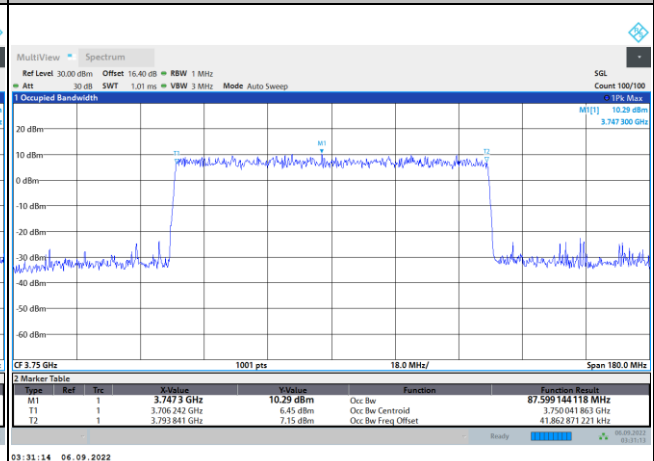
16QAM

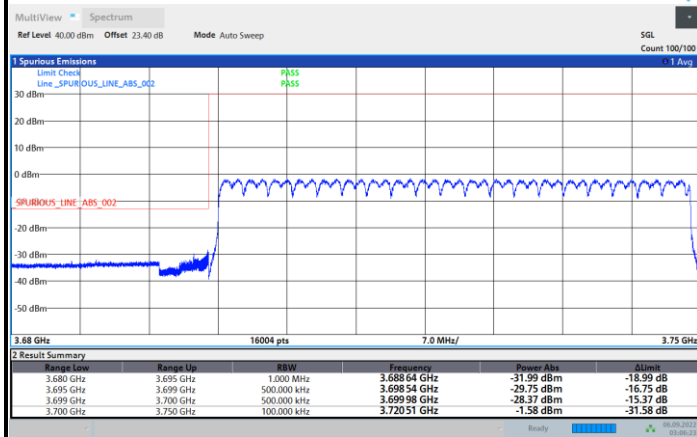
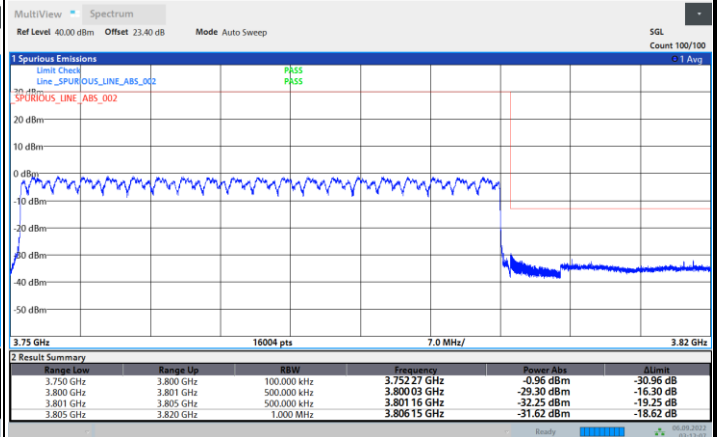
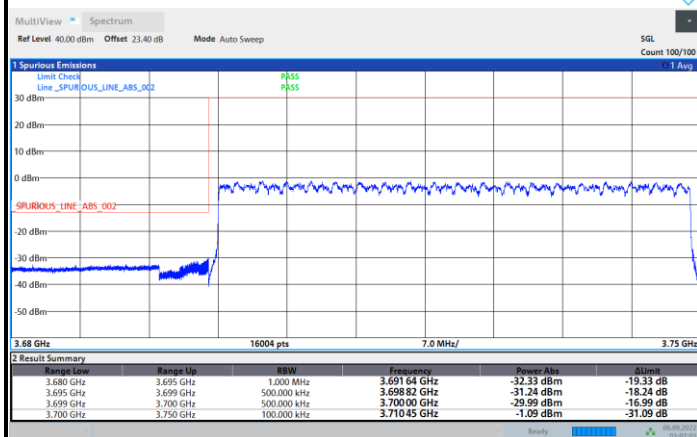


64QAM



256QAM



**Conducted Band Edge****FR1 n78 / 50MHz / CP OFDM / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n78 / 50MHz / CP OFDM / 16QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**