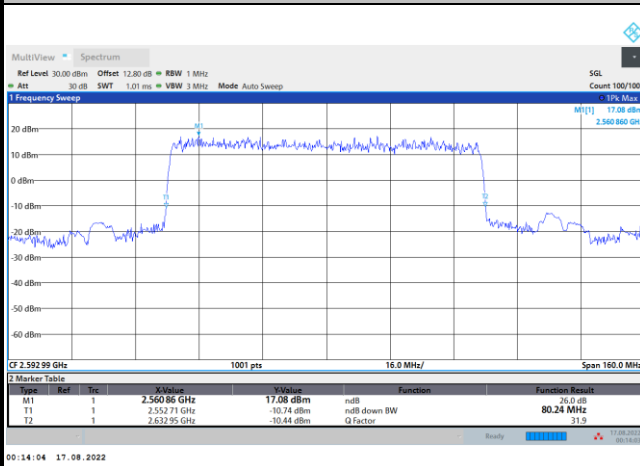




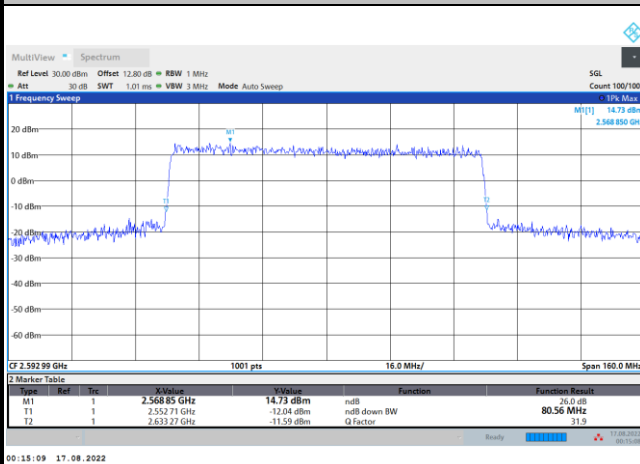
FR1 n41 (HPUE) / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

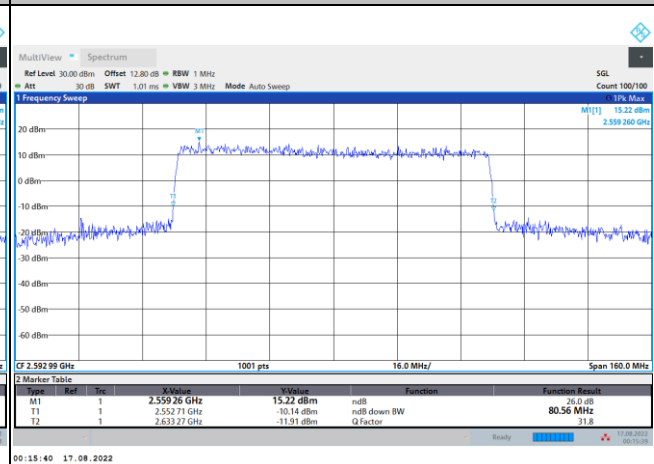


FR1 n41 (HPUE) / 80MHz / CP OFDM / Middle Channel / Full RB

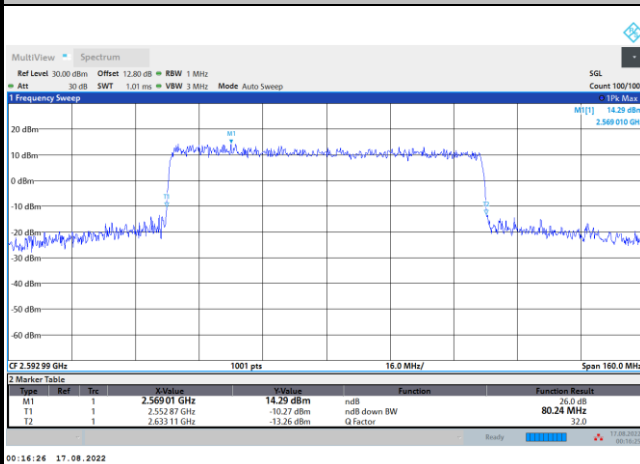
QPSK



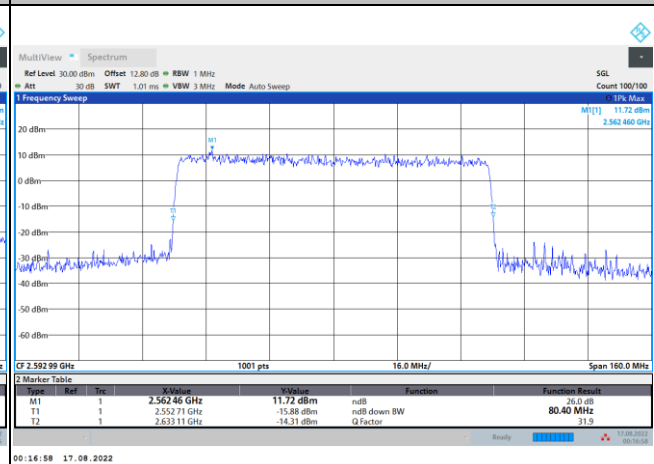
16QAM



64QAM



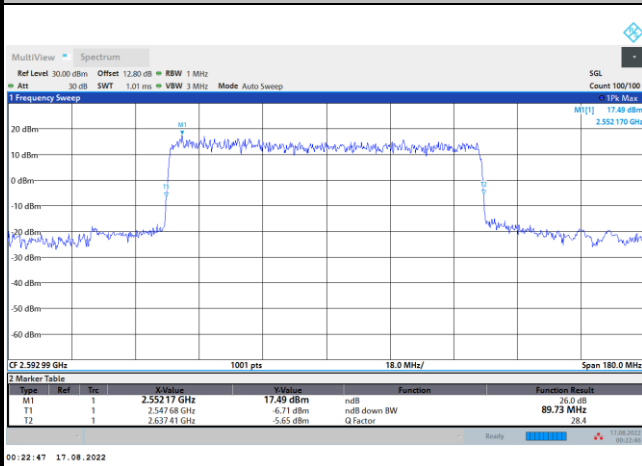
256QAM





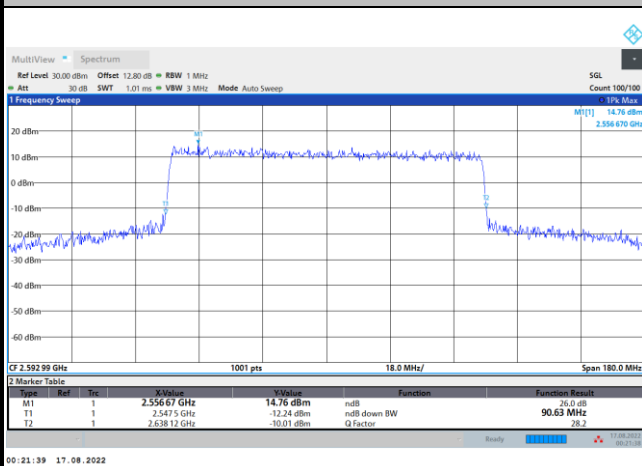
FR1 n41 (HPUE) / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

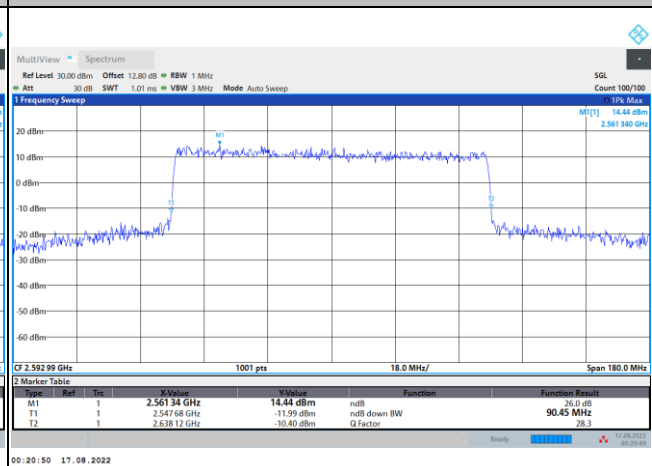


FR1 n41 (HPUE) / 90MHz / CP OFDM / Middle Channel / Full RB

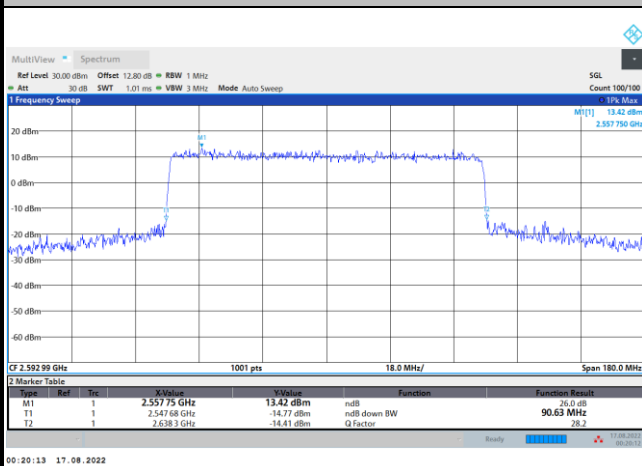
QPSK



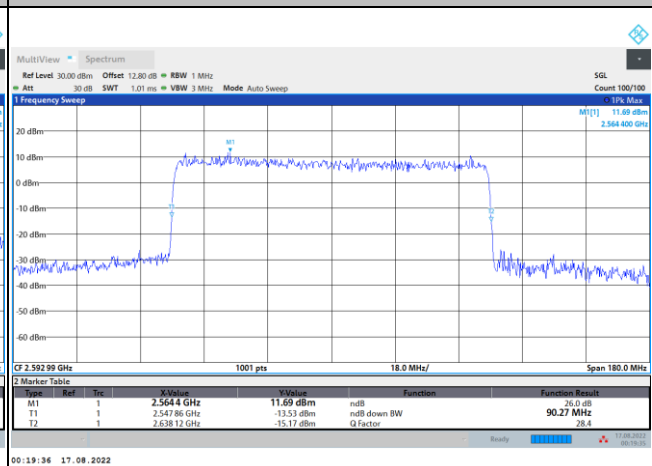
16QAM



64QAM

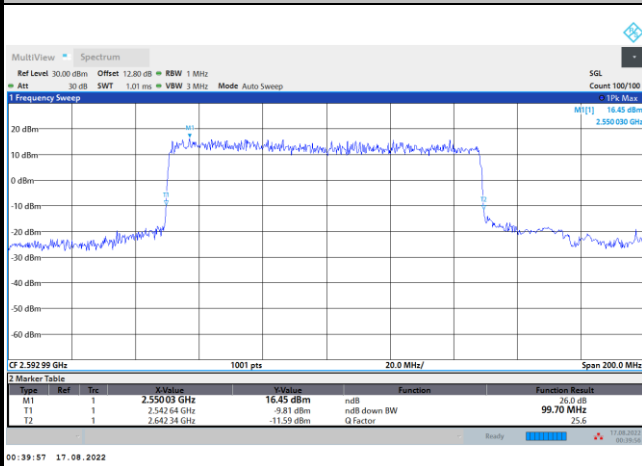


256QAM



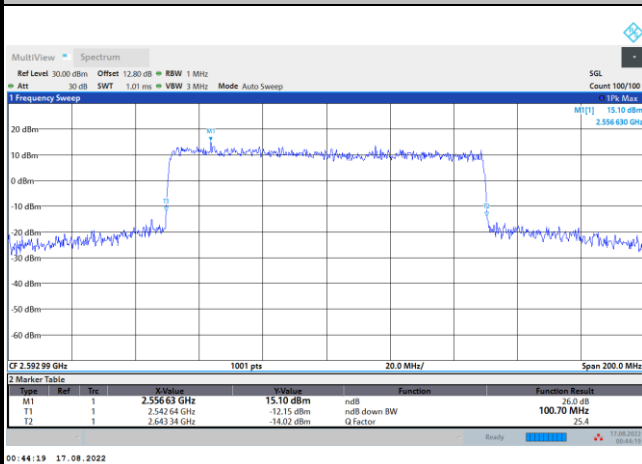
FR1 n41 (HPUE) / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

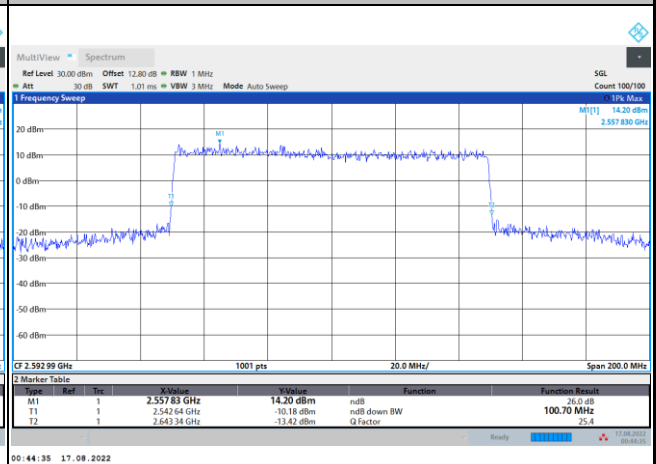


FR1 n41 (HPUE) / 100MHz / CP OFDM / Middle Channel / Full RB

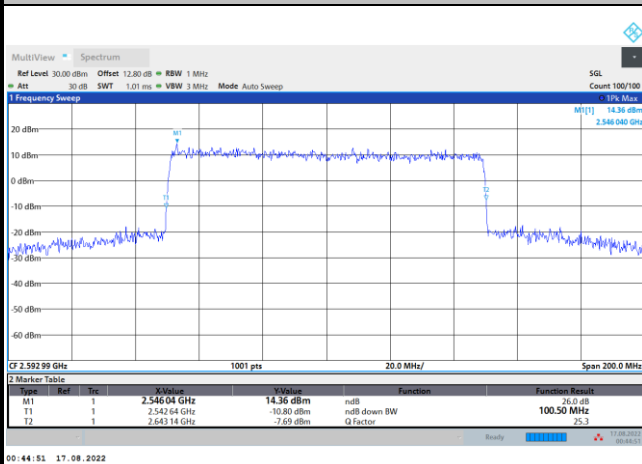
QPSK



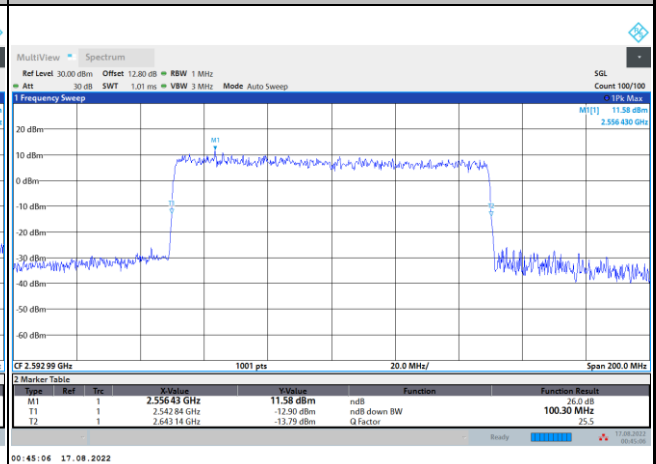
16QAM



64QAM



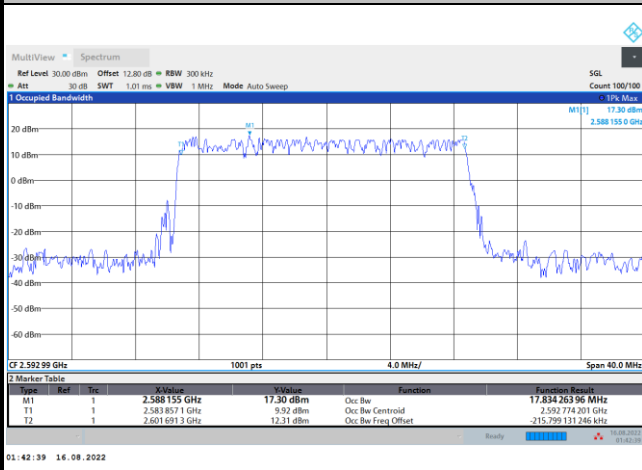
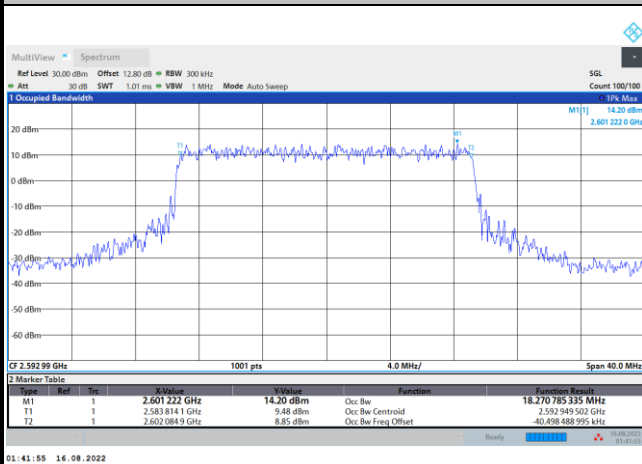
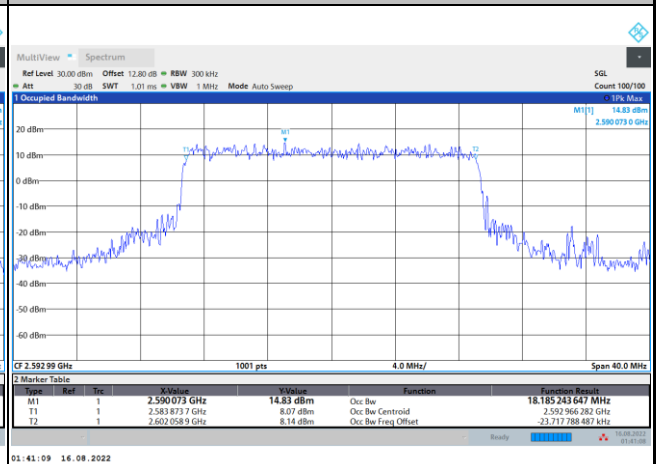
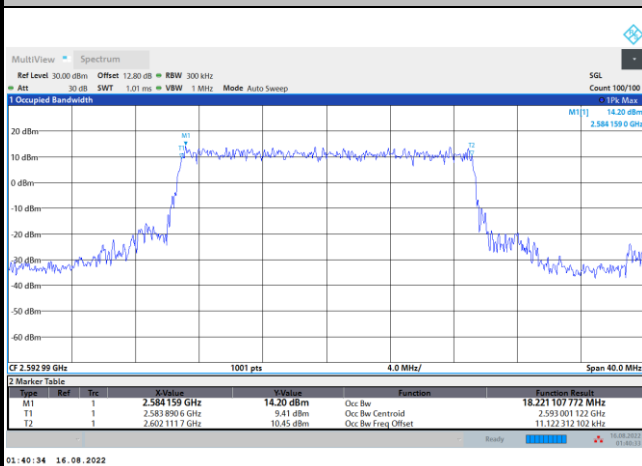
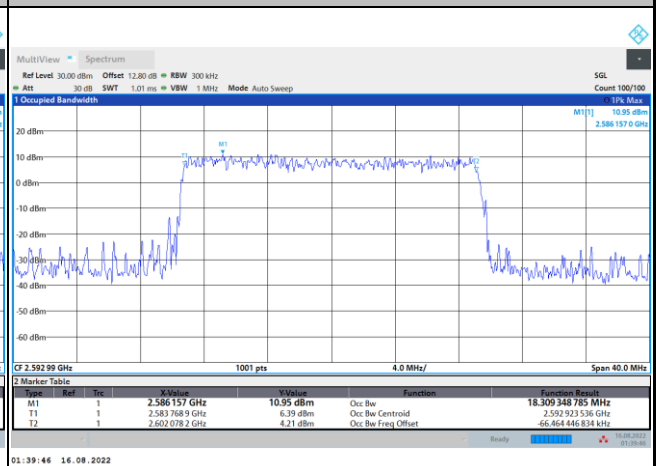
256QAM



**Occupied Bandwidth**

Mode	FR1 n41 (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	17.83	-	26.79	35.93	45.88	57.88	-	77.01
BW	90MHz	100MHz						
Mod.	PI/2 BPSK	PI/2 BPSK						
Middle CH	86.86	96.24						

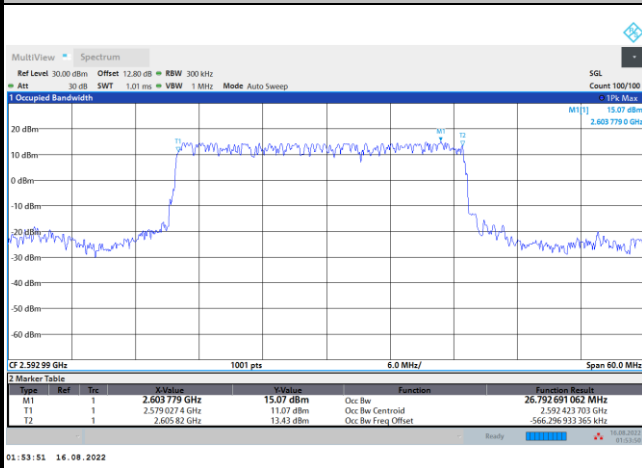
Mode	FR1 n41 (HPUE) : OB BW(MHz) / CP OFDM							
BW	20MHz		25MHz		30MHz		40MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	18.27	18.18	-	-	27.87	27.75	38.06	38.11
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	18.22	18.30	-	-	27.89	27.90	38.16	38.05
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	47.75	47.63	57.93	57.86	-	-	77.46	77.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	47.60	47.61	57.81	57.91	-	-	77.34	77.47
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	87.57	87.47	97.38	97.23				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	87.74	87.40	97.51	97.29				

FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 (HPUE) / 20MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




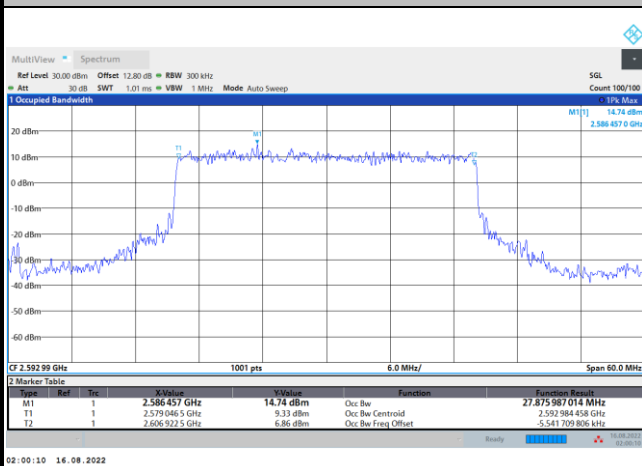
FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

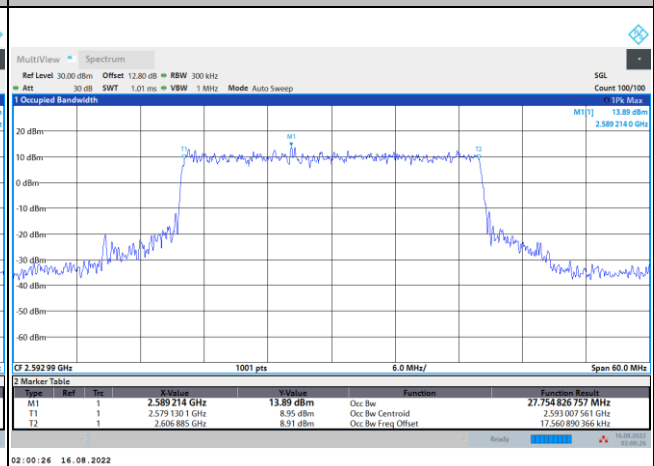


FR1 n41 (HPUE) / 30MHz / CP OFDM / Middle Channel / Full RB

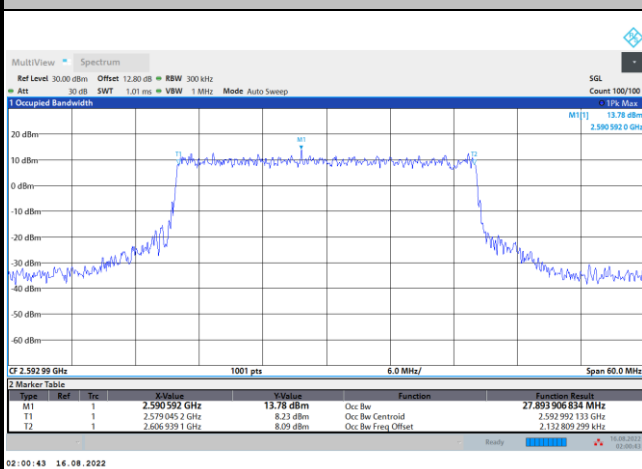
QPSK



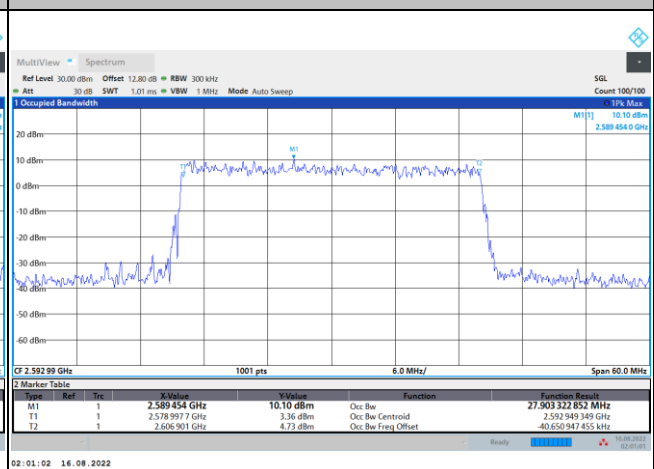
16QAM



64QAM

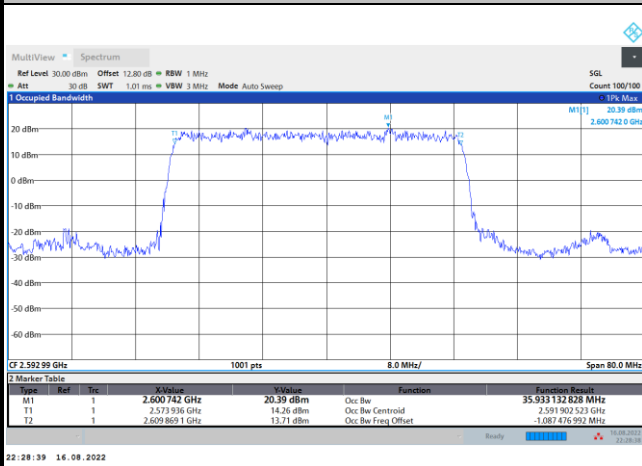


256QAM



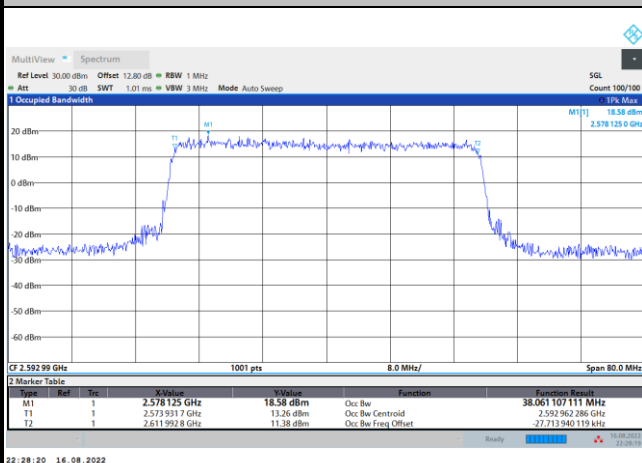
FR1 n41 (HPUE) / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

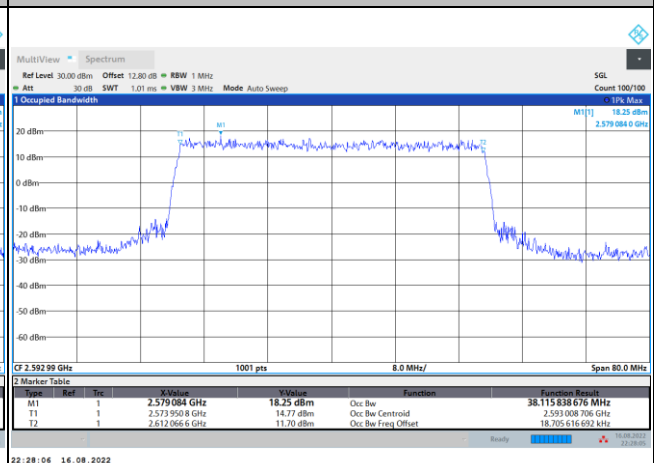


FR1 n41 (HPUE) / 40MHz / CP OFDM / Middle Channel / Full RB

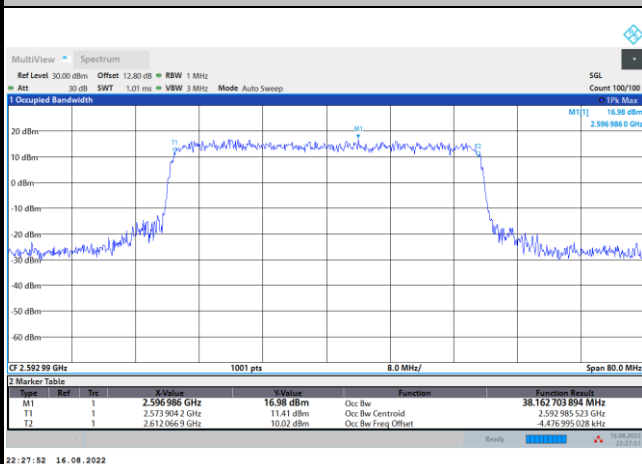
QPSK



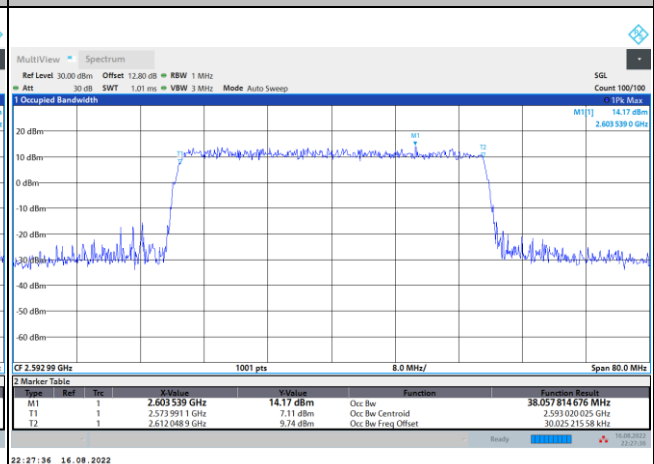
16QAM

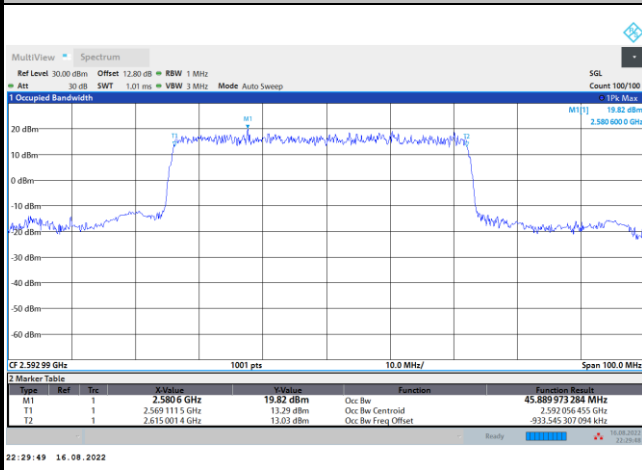
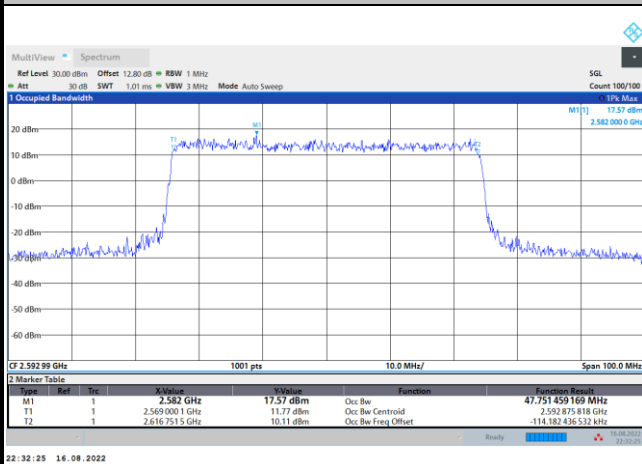
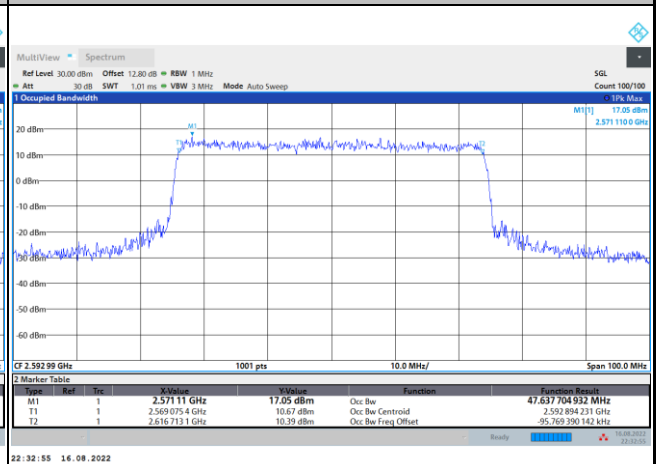
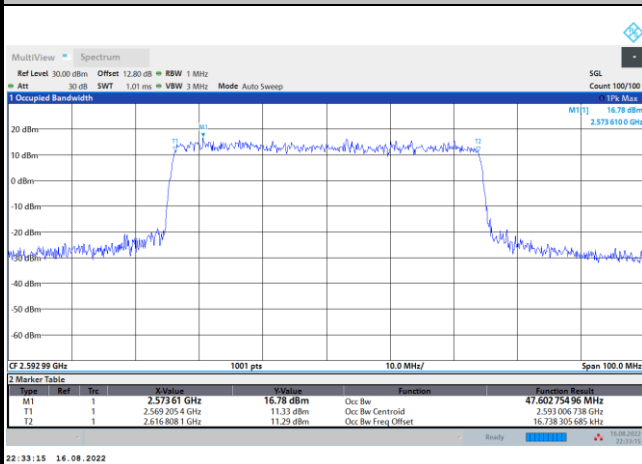
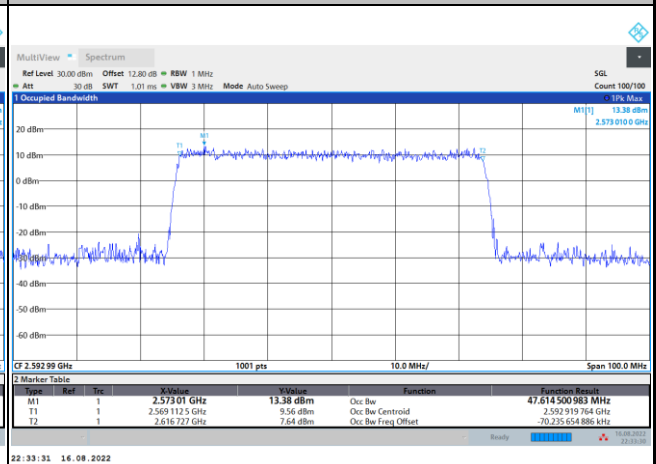


64QAM



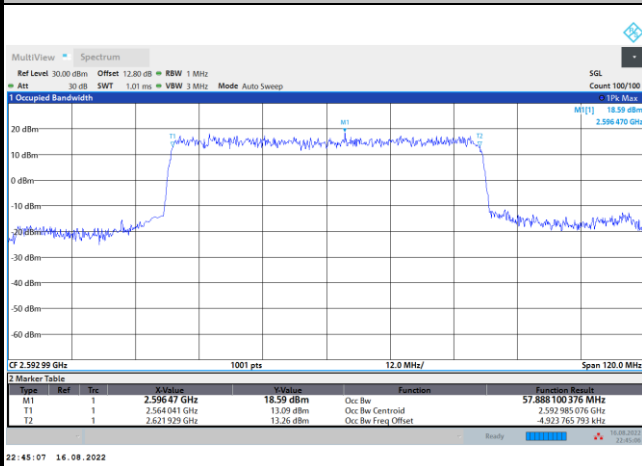
256QAM



FR1 n41 (HPUE) / 50MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 (HPUE) / 50MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


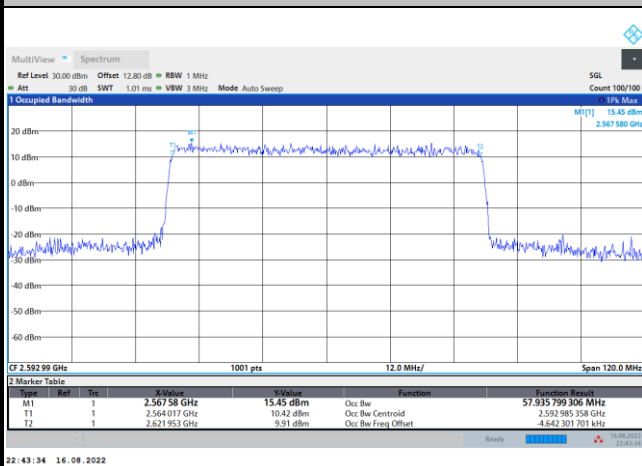
FR1 n41 (HPUE) / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

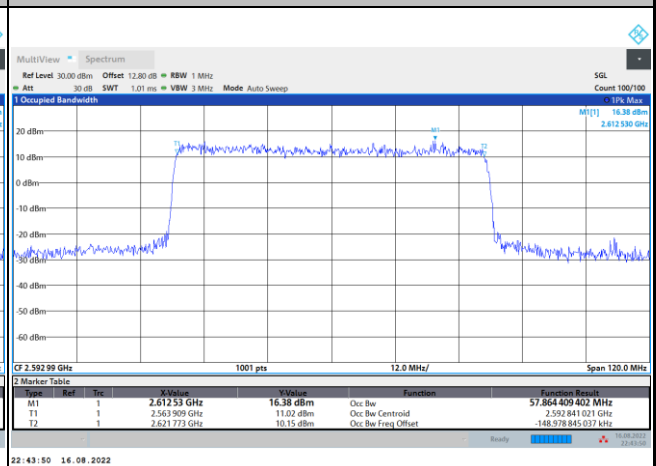


FR1 n41 (HPUE) / 60MHz / CP OFDM / Middle Channel / Full RB

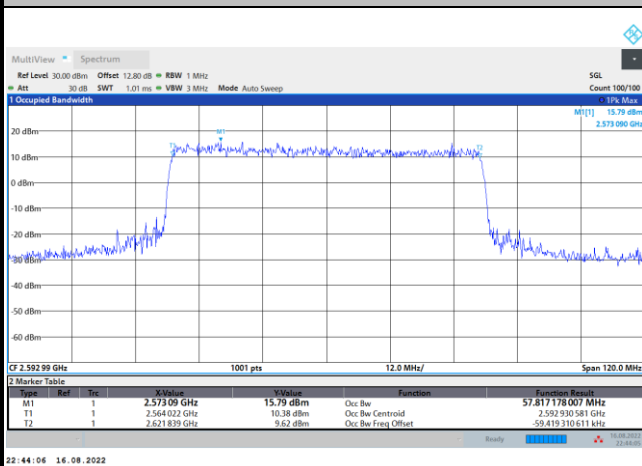
QPSK



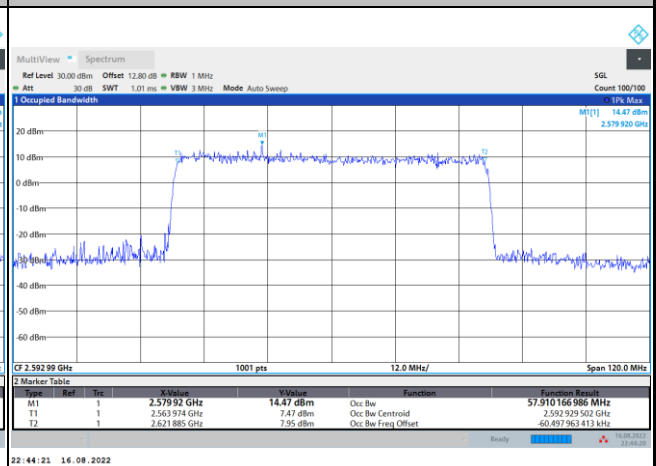
16QAM



64QAM

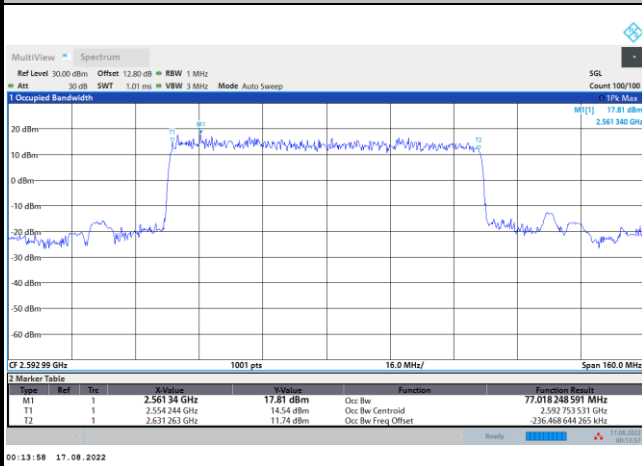


256QAM



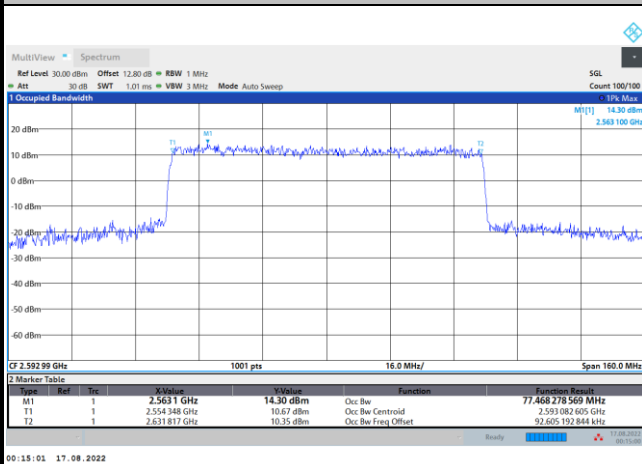
FR1 n41 (HPUE) / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

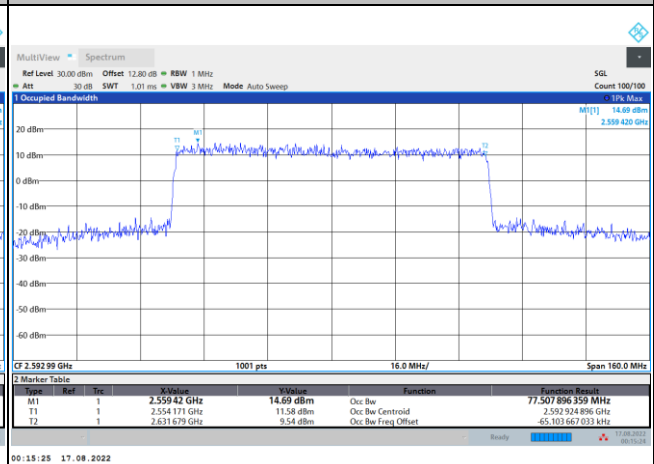


FR1 n41 (HPUE) / 80MHz / CP OFDM / Middle Channel / Full RB

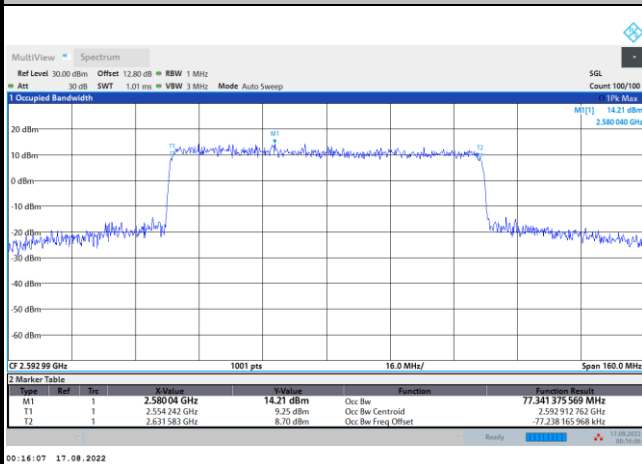
QPSK



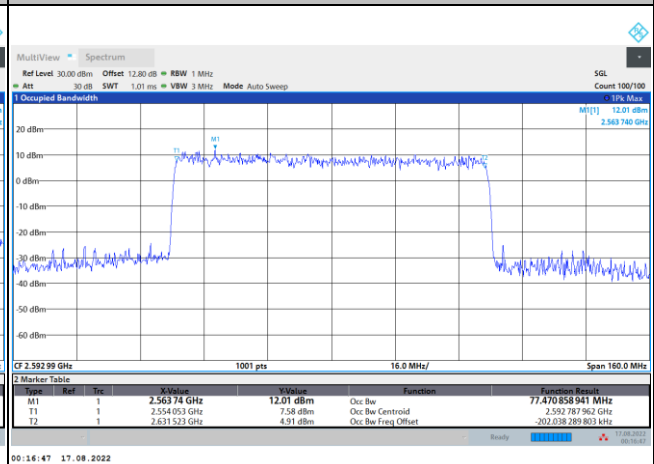
16QAM



64QAM



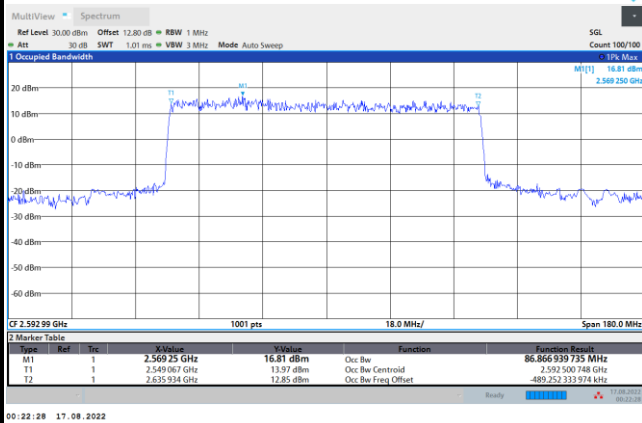
256QAM





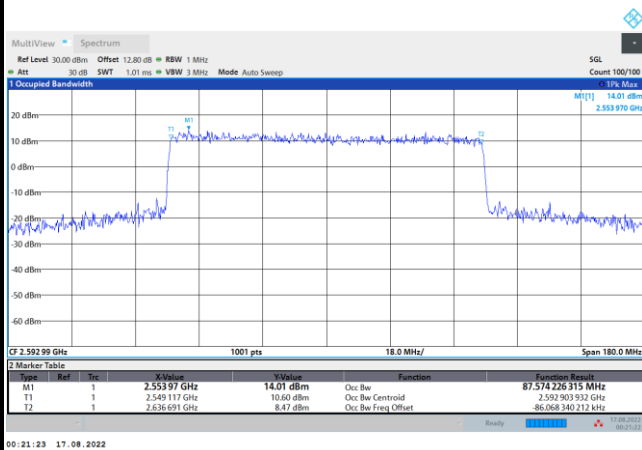
FR1 n41 (HPUE) / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

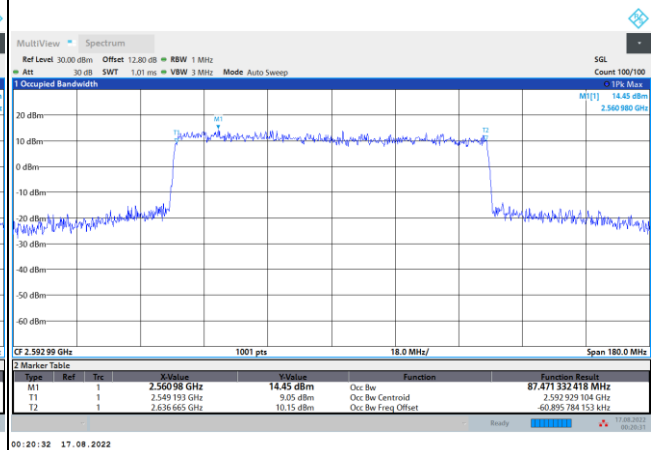


FR1 n41 (HPUE) / 90MHz / CP OFDM / Middle Channel / Full RB

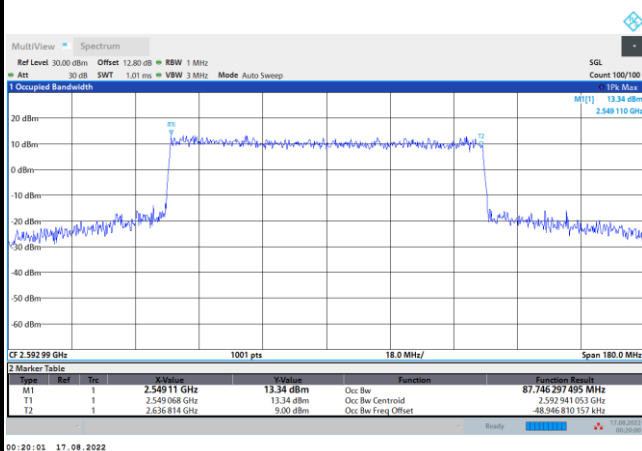
QPSK



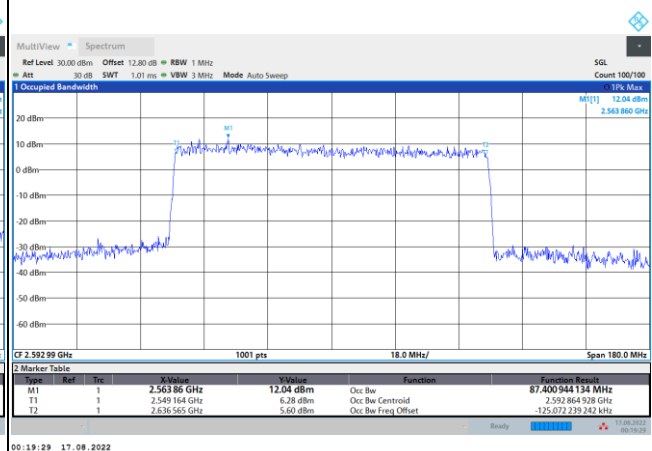
16QAM



64QAM

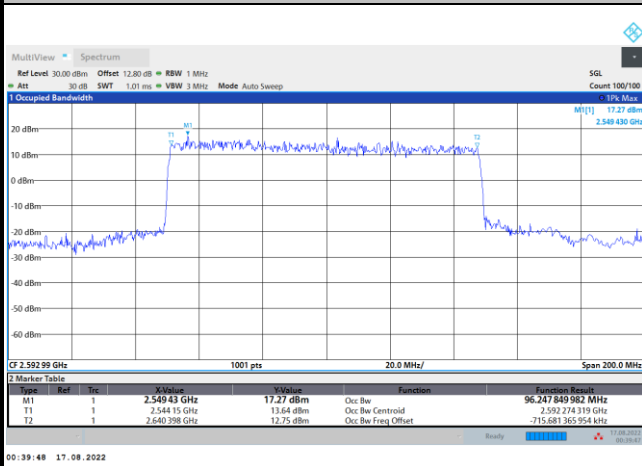


256QAM



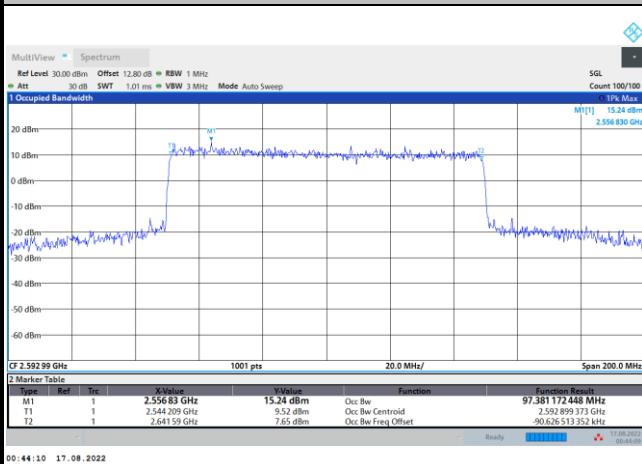
FR1 n41 (HPUE) / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

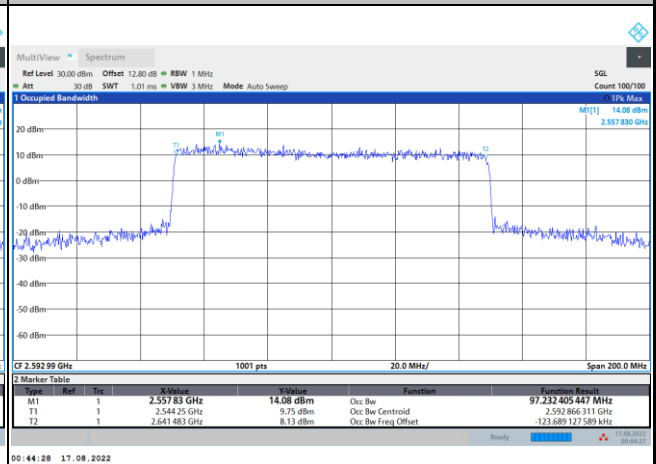


FR1 n41 (HPUE) / 100MHz / CP OFDM / Middle Channel / Full RB

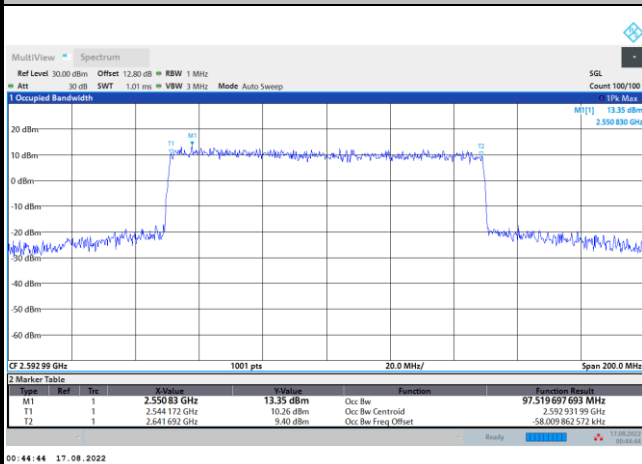
QPSK



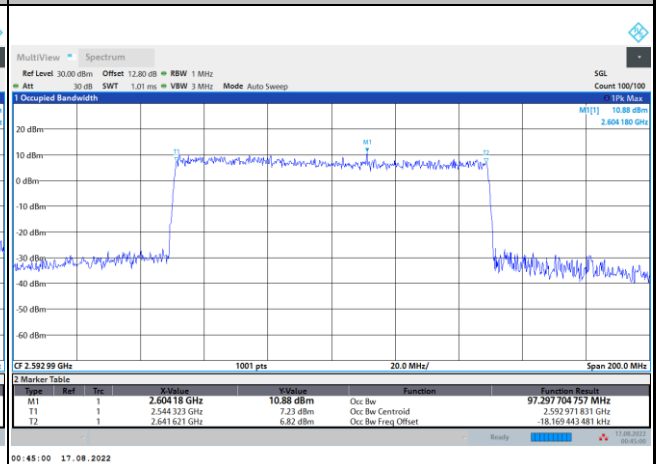
16QAM



64QAM



256QAM

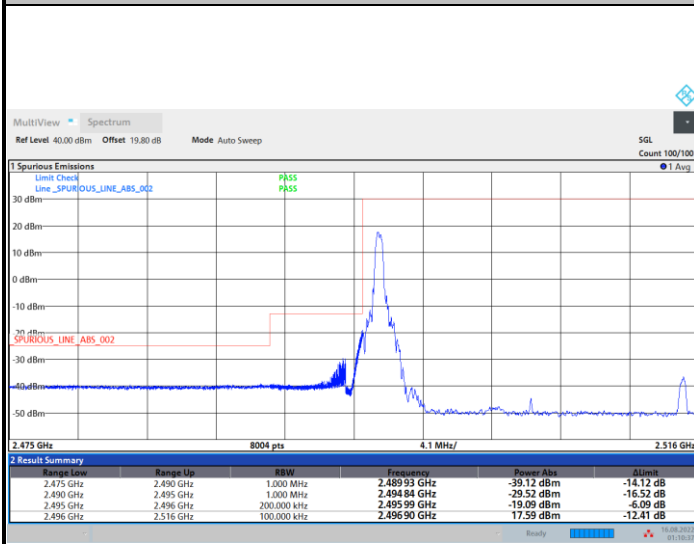




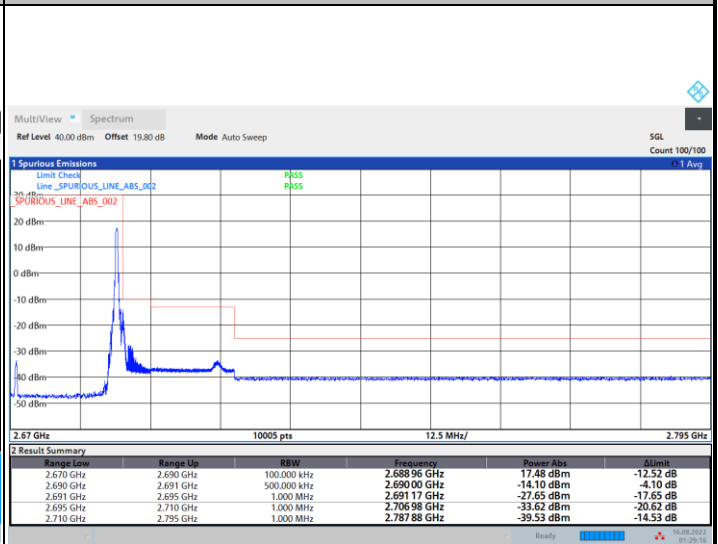
Conducted Band Edge

FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / PI/2 BPSK

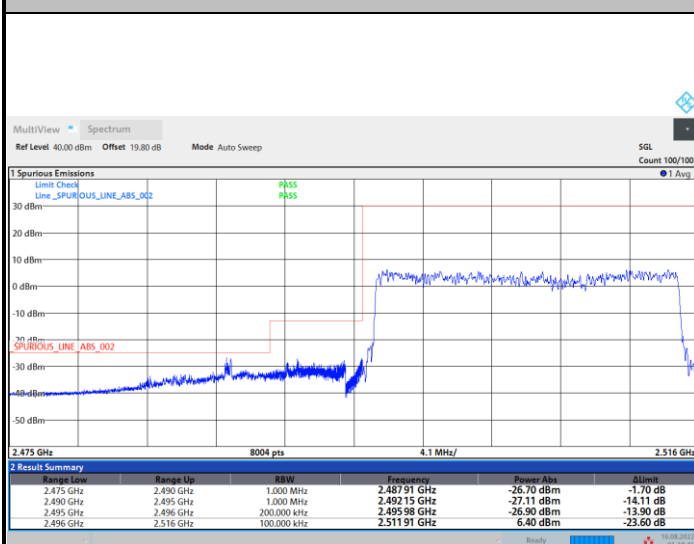
Lowest Band Edge / 1RB0



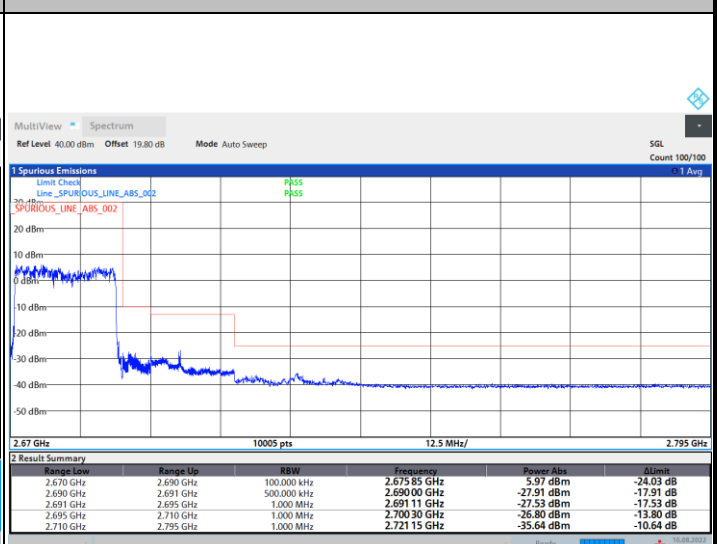
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

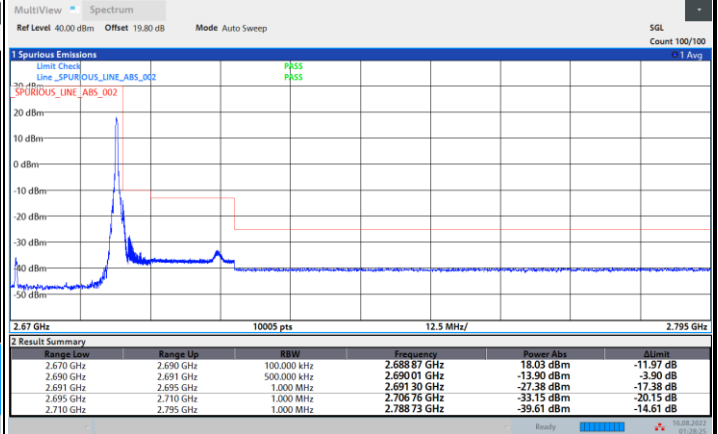
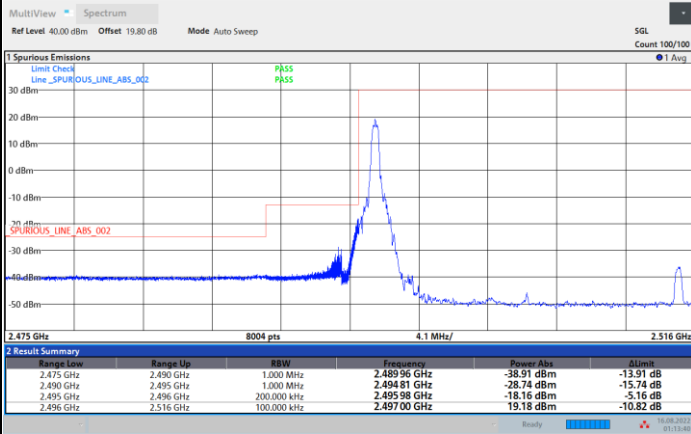




FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / QPSK

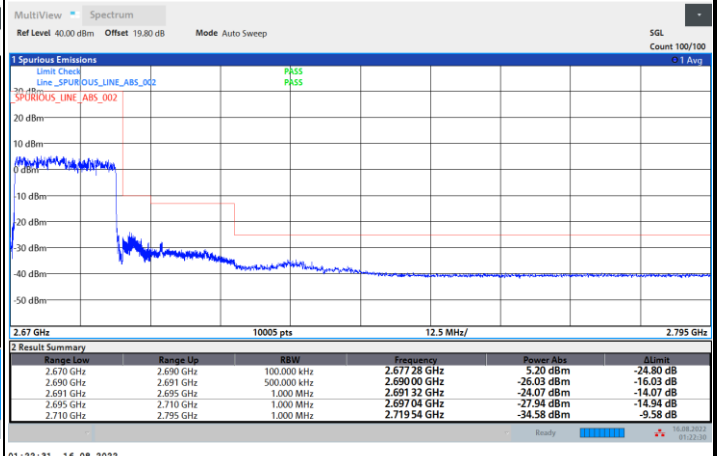
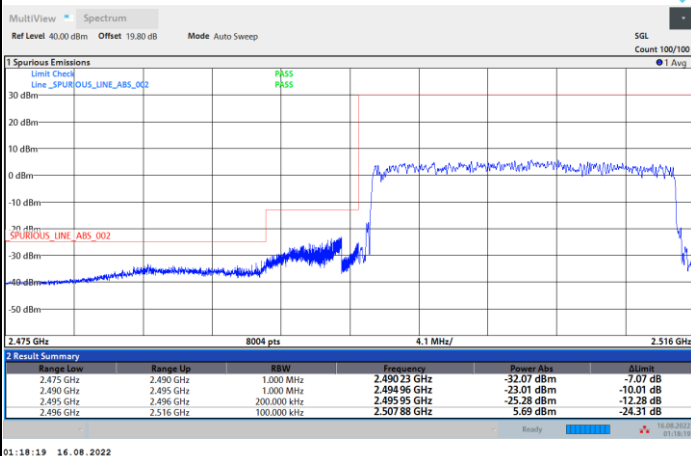
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

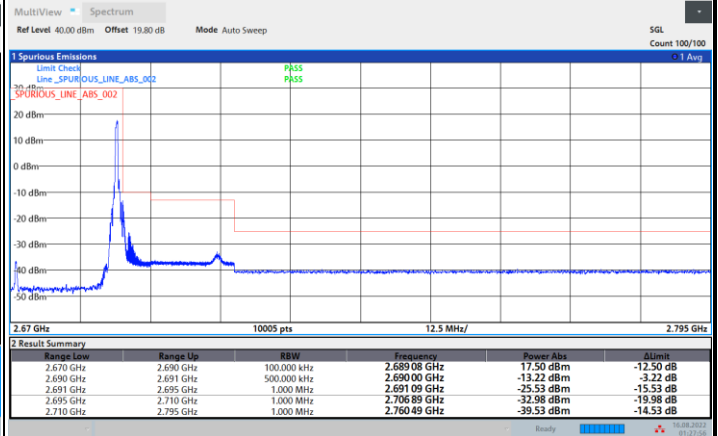
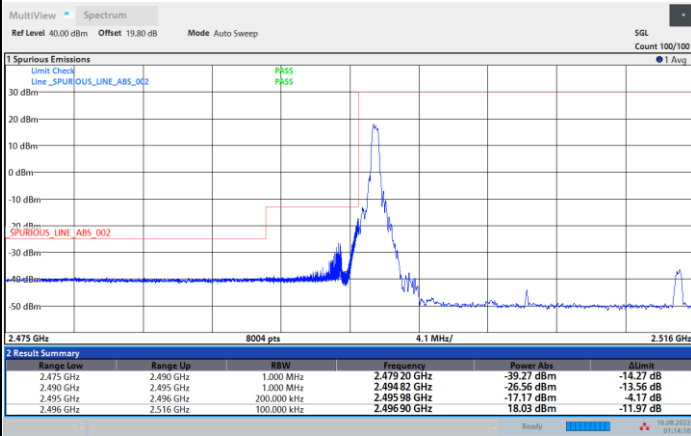




FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / 16QAM

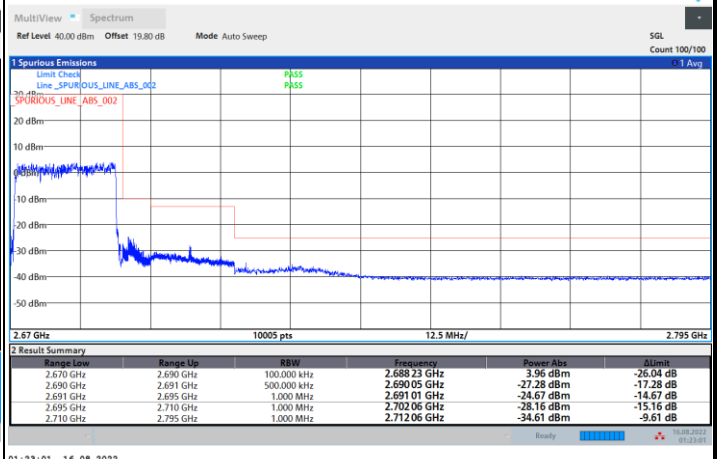
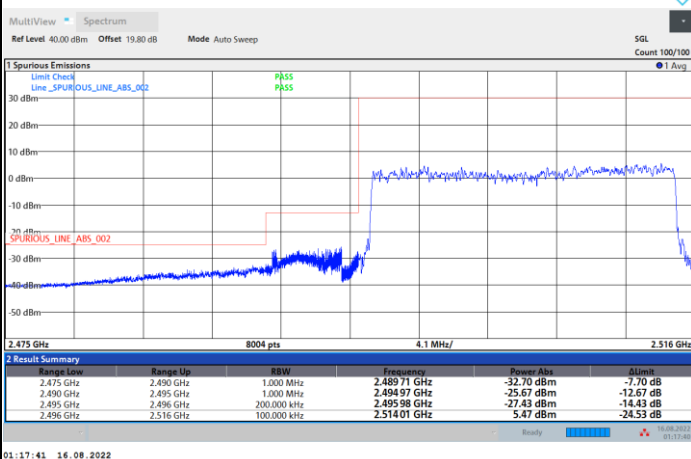
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

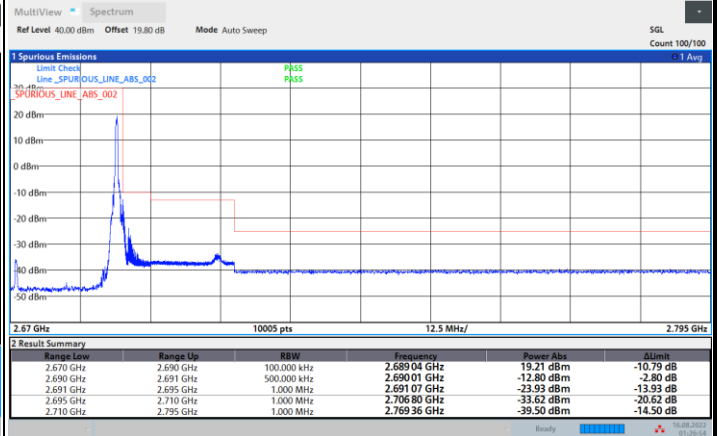
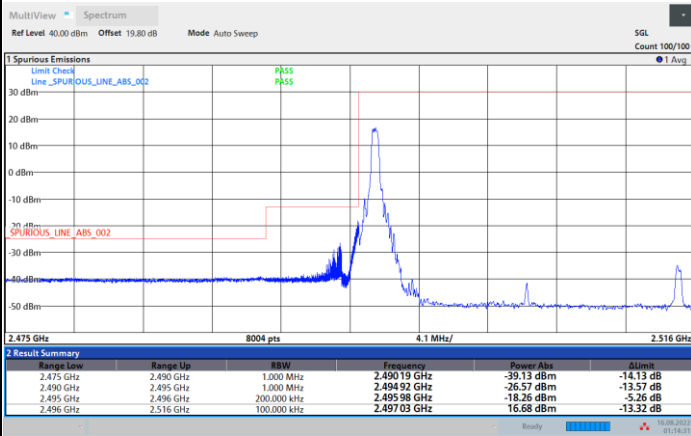




FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / 64QAM

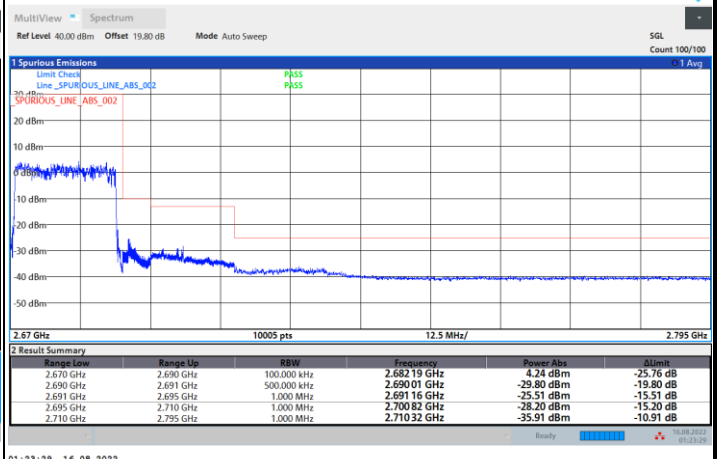
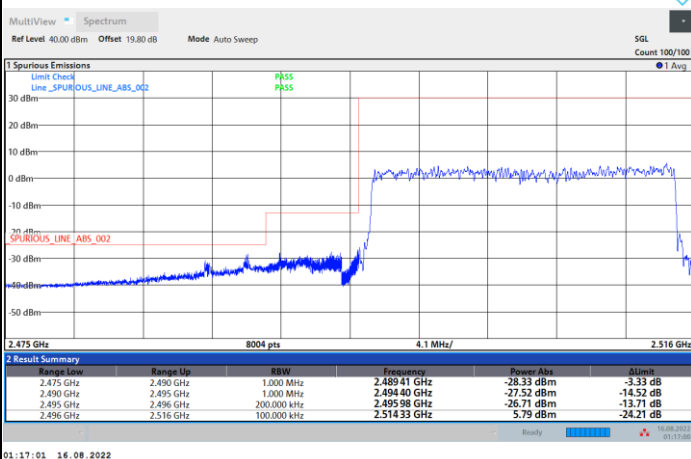
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

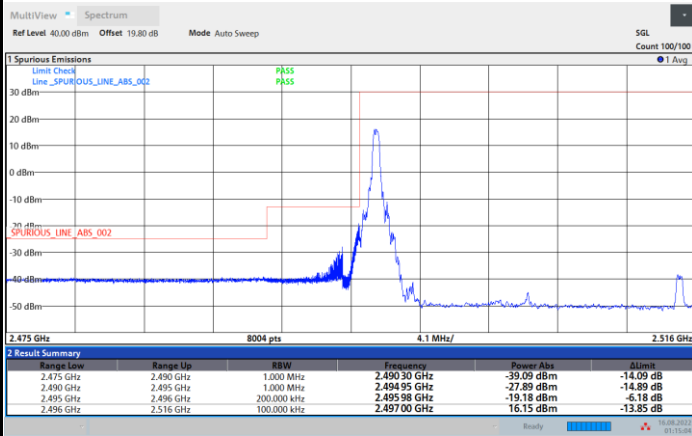




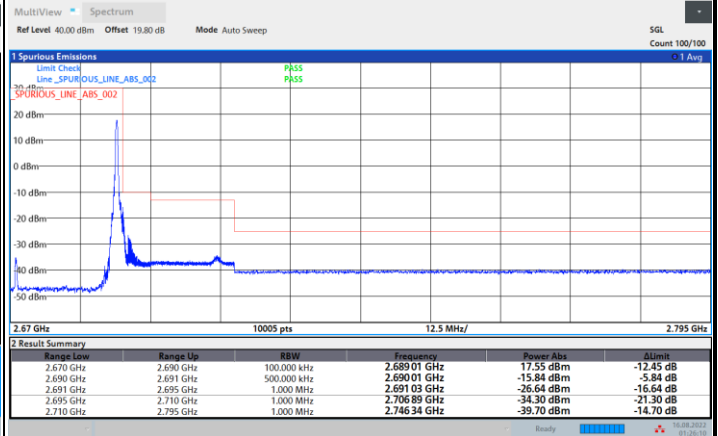
FR1 n41 (HPUE) / 20MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



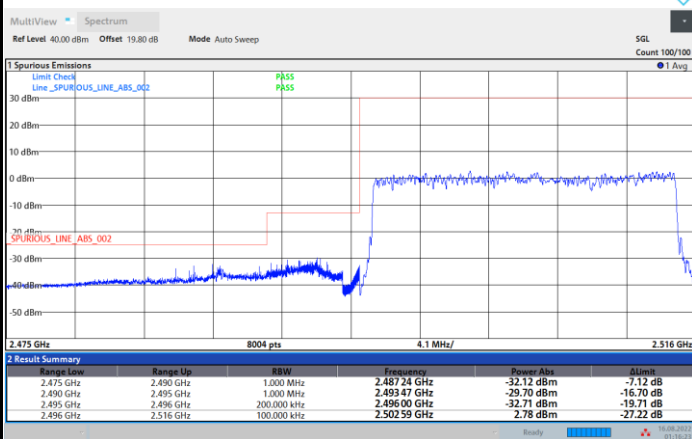
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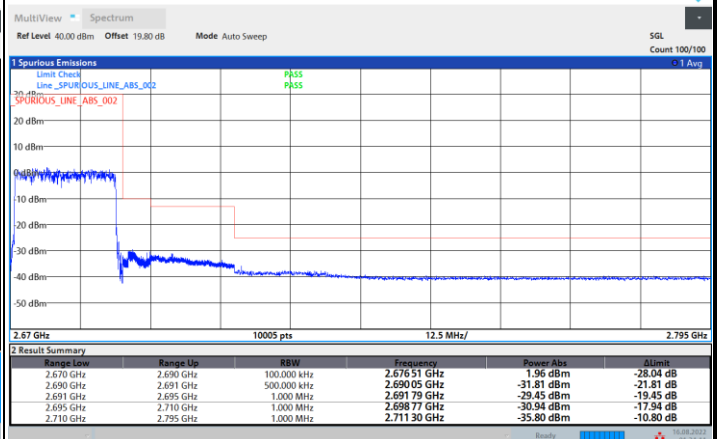
01:26:11 16.08.2022

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



01:16:23 16.08.2022

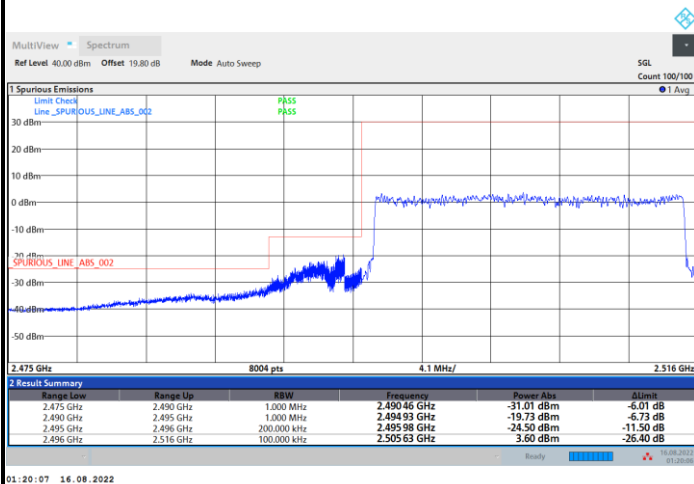


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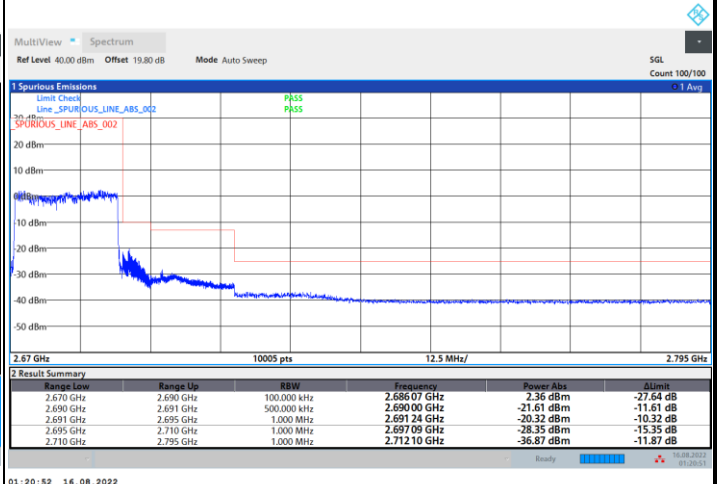


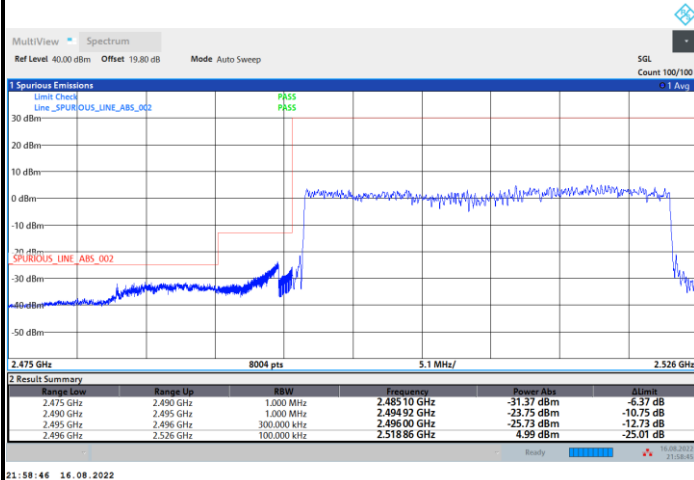
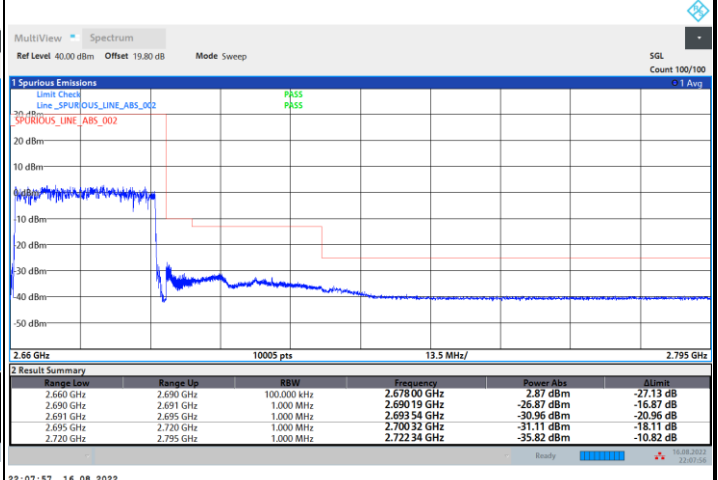
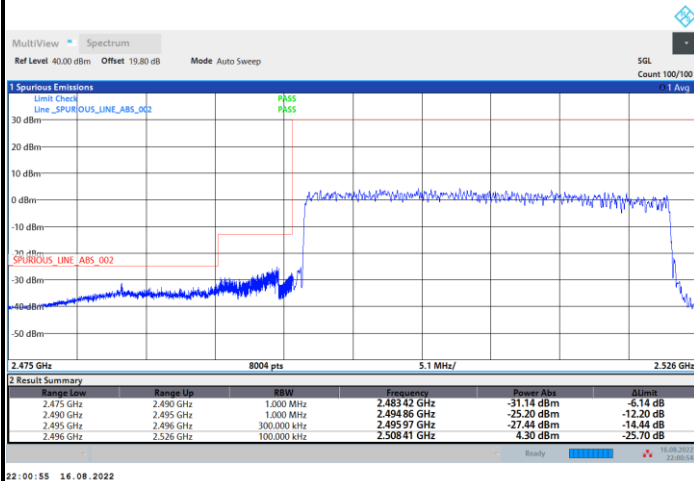
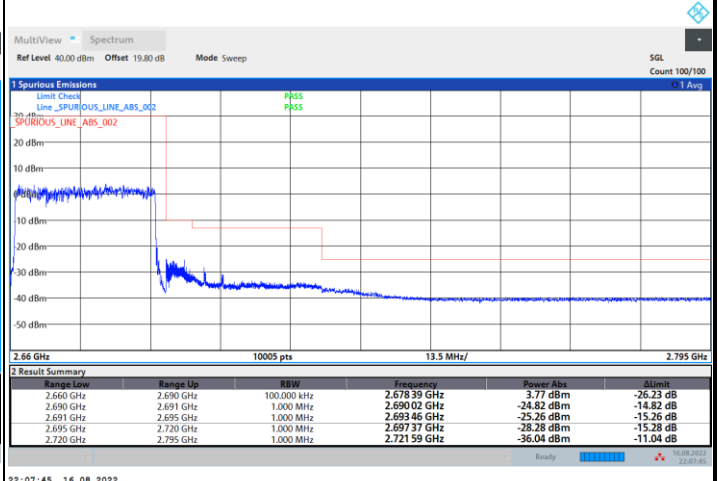
FR1 n41 (HPUE) / 20MHz / CP OFDM / QPSK / Full RB

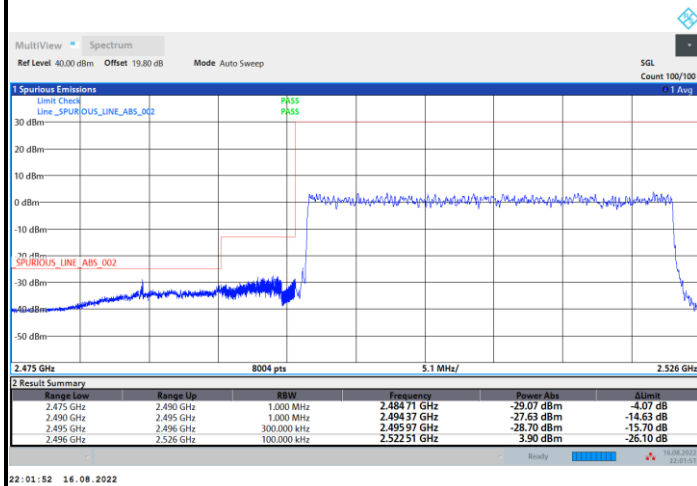
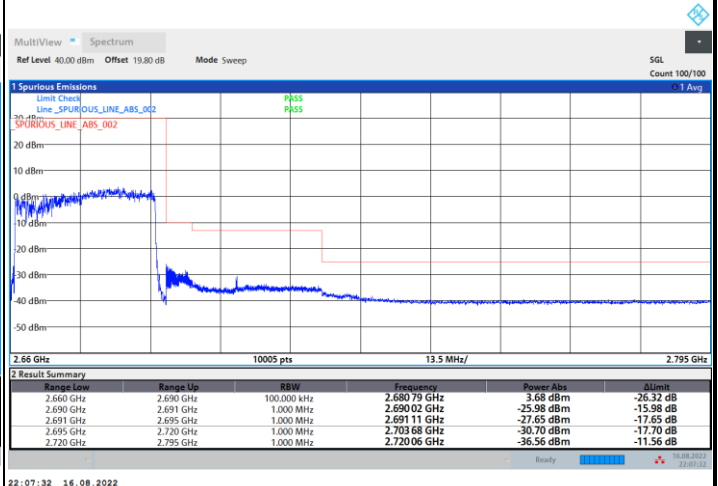
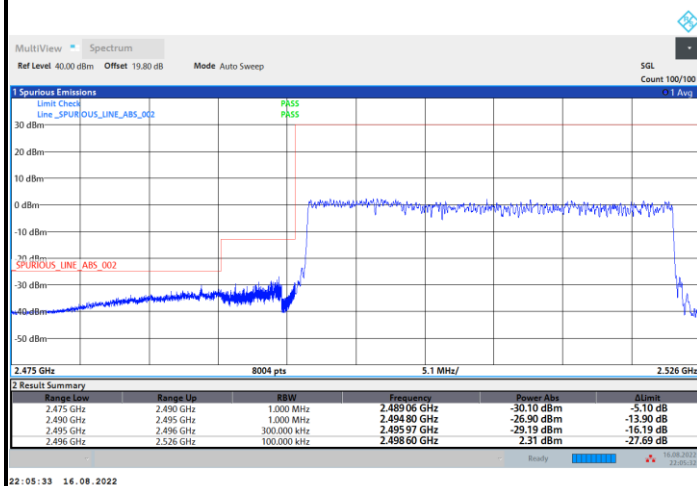
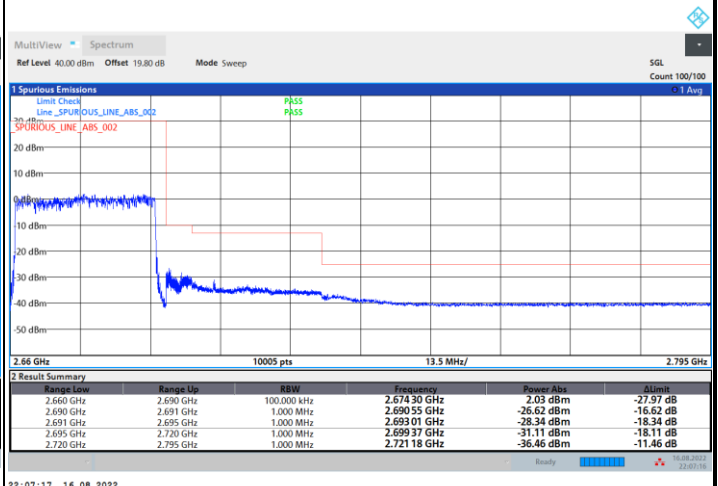
Lowest Band Edge



Highest Band Edge



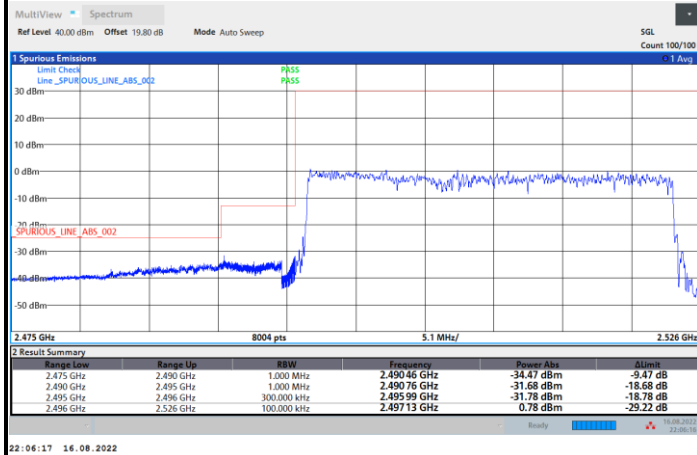
**FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / PI/2 BPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / QPSK****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

**FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / 16QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB****FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / 64QAM****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

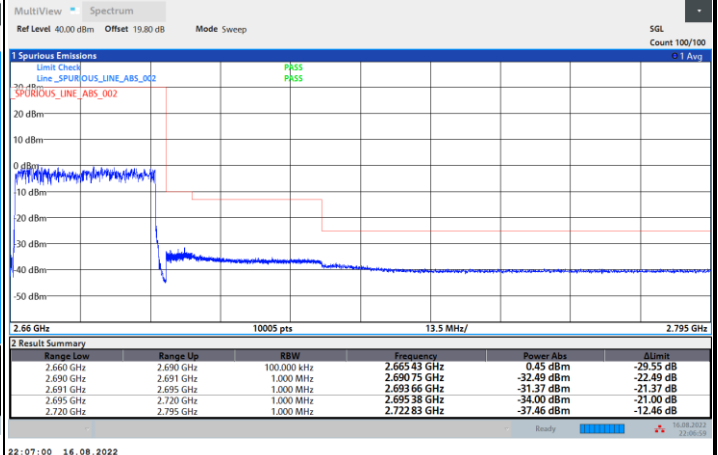


FR1 n41 (HPUE) / 30MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

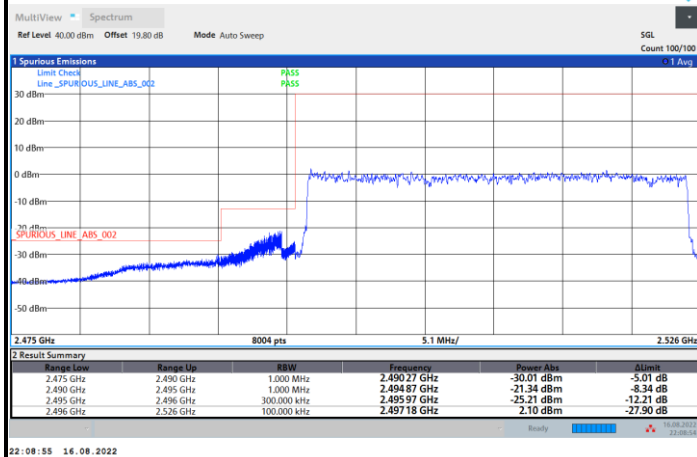


Highest Band Edge / Full RB



FR1 n41 (HPUE) / 30MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

