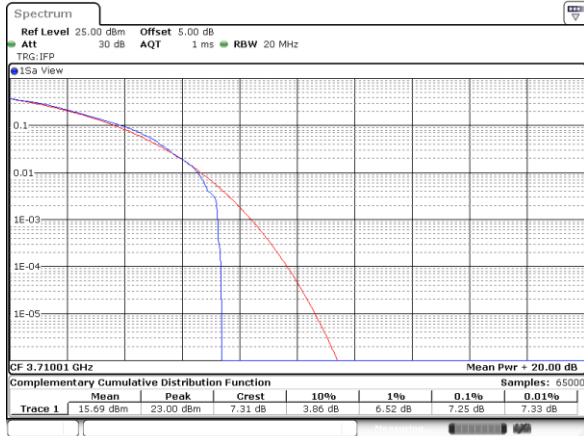
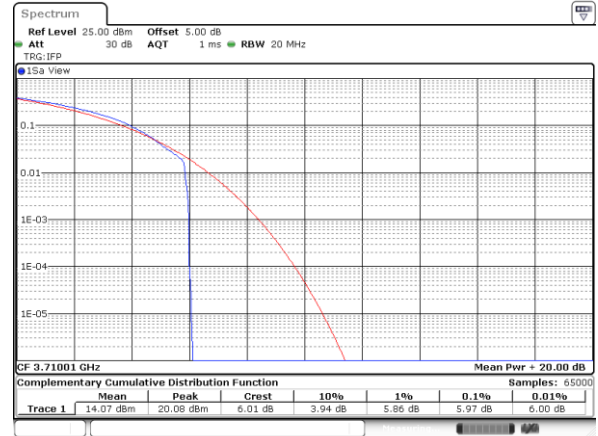
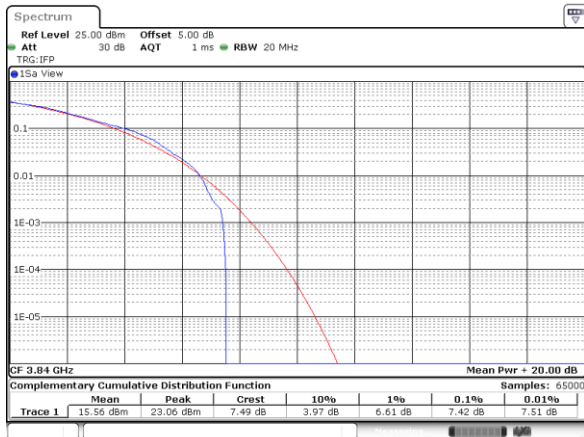


5G NR UL-MIMO n77 / 20MHz / CP-OFDM
QPSK(Ant4)
QPSK(Ant5)
Lowest Channel / 1RB
Lowest Channel / 1RB


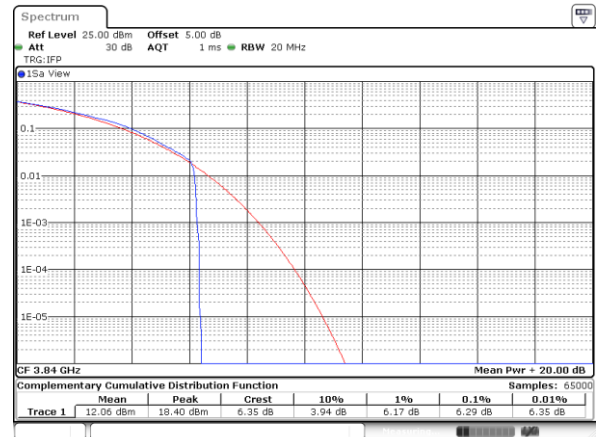
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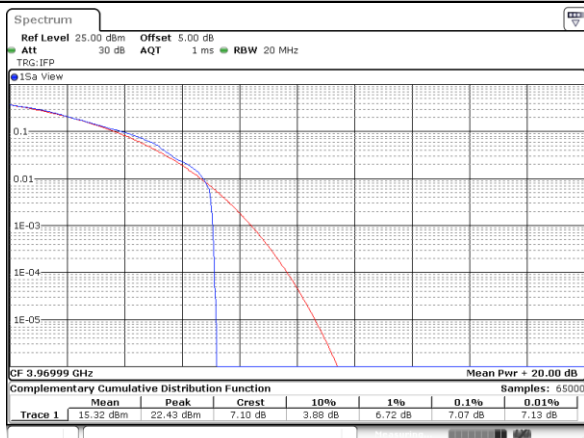
Date: 2.JUL.2021 17:00:45

Middle Channel / 1 RB
Middle Channel / 1 RB


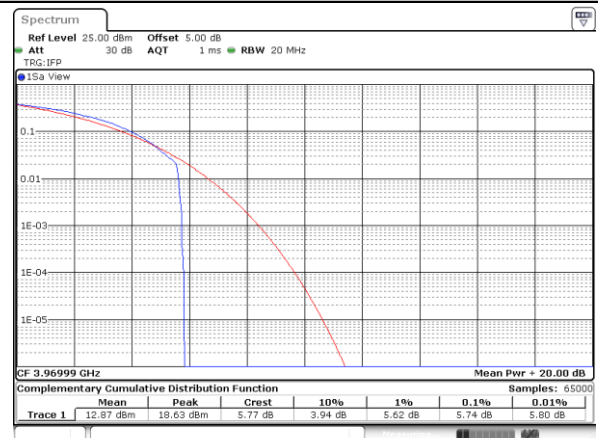
Date: 5.JUL.2021 14:16:11



Date: 2.JUL.2021 16:31:45

Highest Channel / 1 RB
Highest Channel / 1 RB


Date: 5.JUL.2021 14:36:34



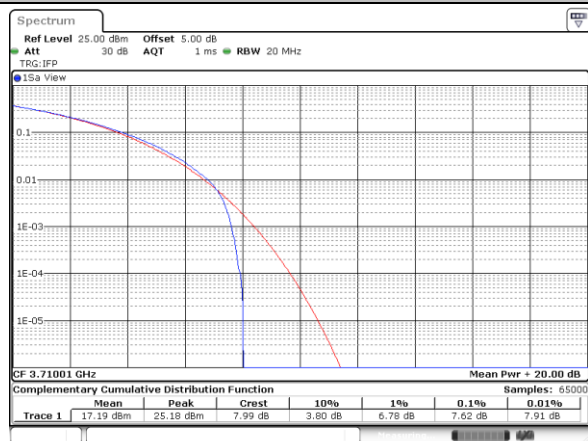
Date: 2.JUL.2021 17:06:45



5G NR UL-MIMO n77 / 20MHz / CP-OFDM

QPSK(Ant4)

Lowest Channel / Full RB

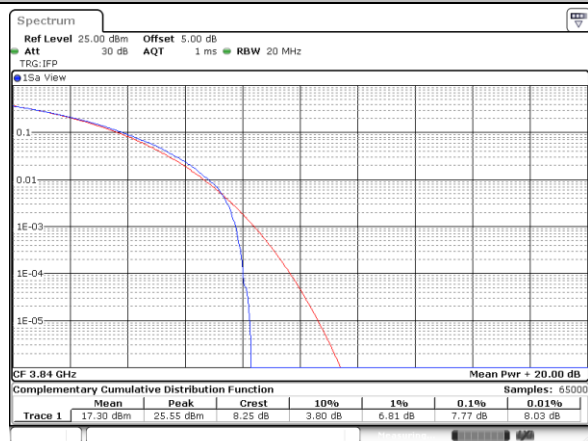


QPSK(Ant5)

Lowest Channel / Full RB



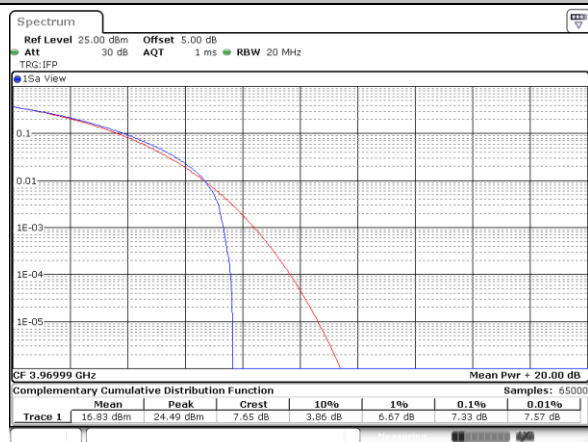
Middle Channel / Full RB



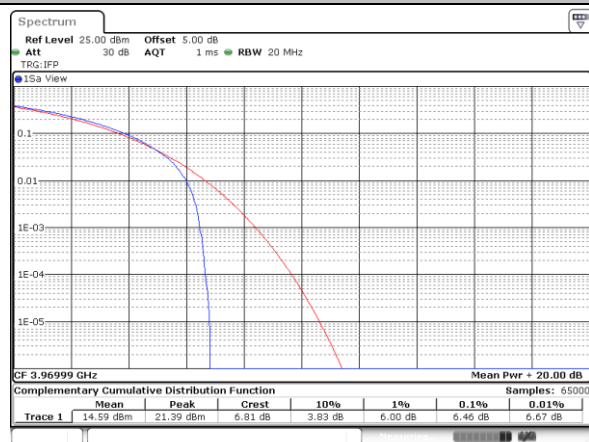
Middle Channel / Full RB



Highest Channel / Full RB



Highest Channel / Full RB



**26dB Bandwidth**

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	19.221	19.021	18.981	19.381	19.061	19.341	19.50	19.181

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	40.20	40.20	40.20	40.36	40.20	40.28	40.28	40.20

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	49.75	49.55	49.65	49.75	49.65	49.75	49.75	49.65

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	60.42	60.54	60.42	60.66	60.18	60.42	60.66	60.42

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	79.92	79.92	80.24	79.92	79.92	80.08	79.92	79.76

Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	90.27	90.45	90.27	90.27	90.45	90.45	90.27	90.27



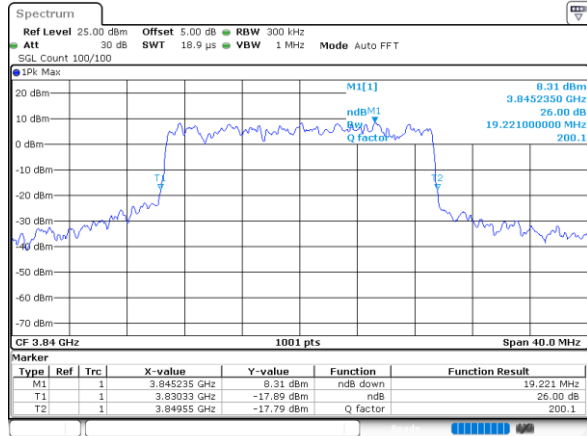
Mode	5G NR UL-MIMO n77 : 26dB BW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	100.50	100.50	100.50	100.30	100.50	100.50	100.70	100.70



5G NR UL-MIMO n77 / 20MHz / CP-OFDM (Ant4)

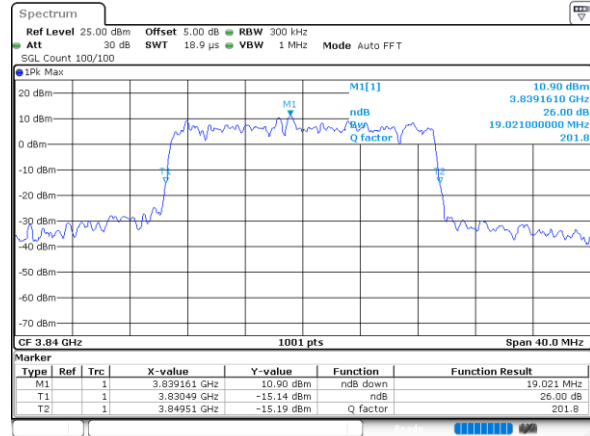
QPSK

Middle Channel



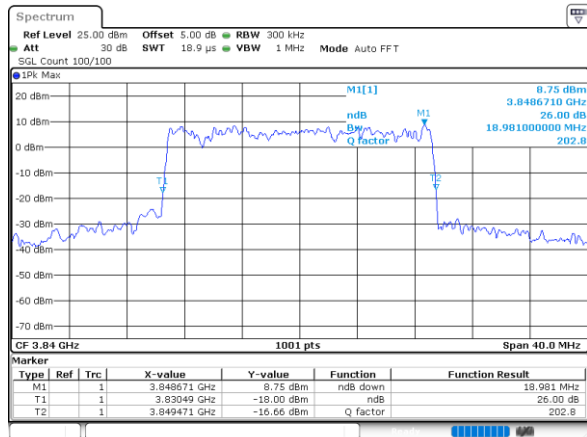
16QAM

Middle Channel



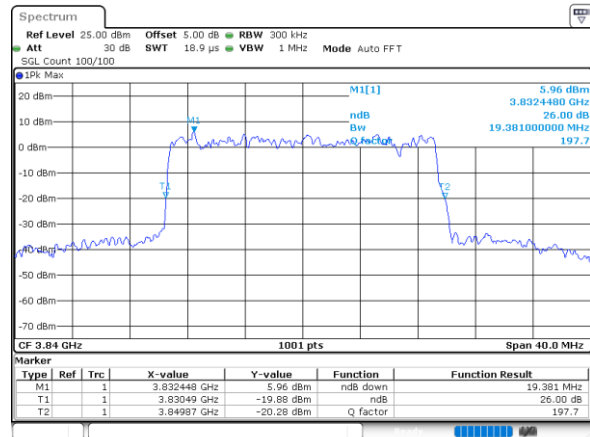
64QAM

Middle Channel



256QAM

Middle Channel

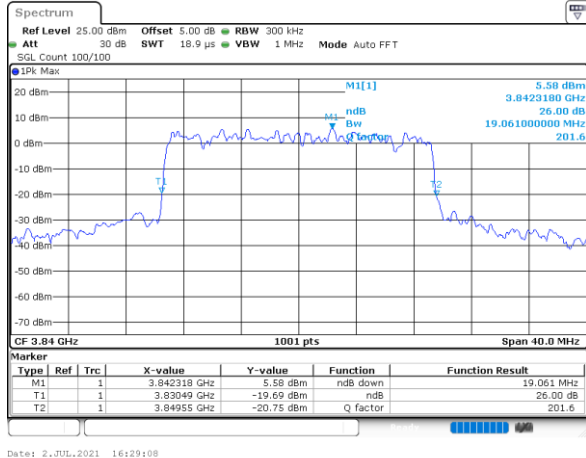




5G NR UL-MIMO n77 / 20MHz / CP-OFDM (Ant5)

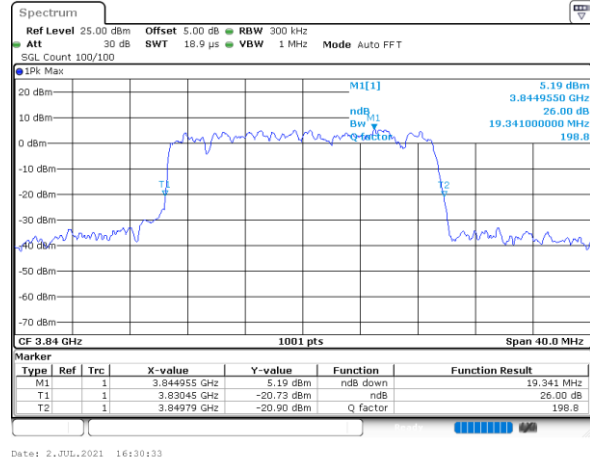
QPSK

Middle Channel



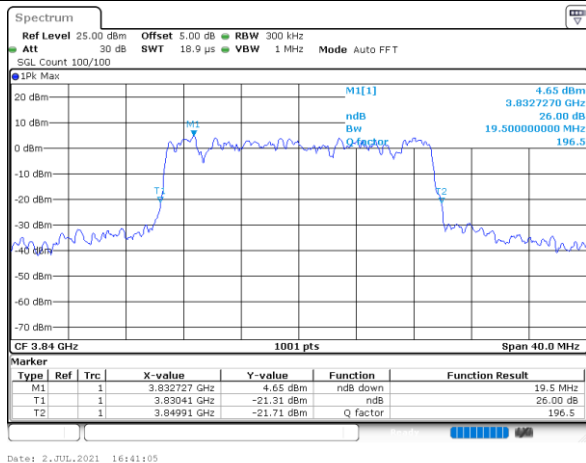
16QAM

Middle Channel



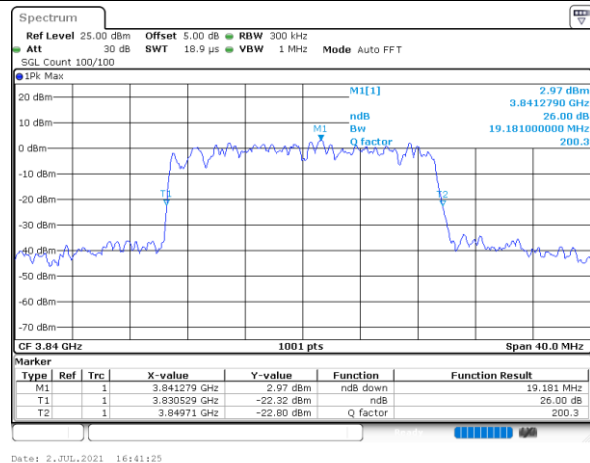
64QAM

Middle Channel



256QAM

Middle Channel





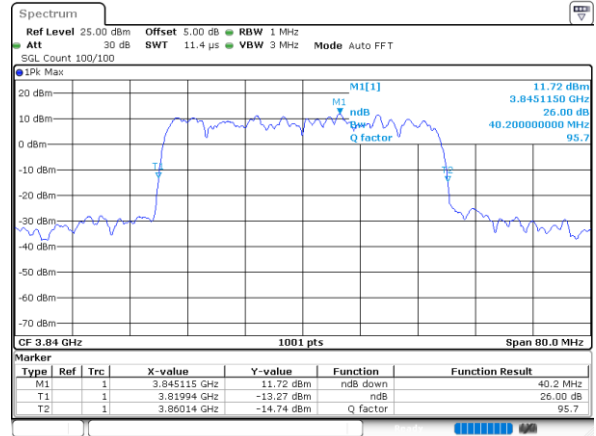
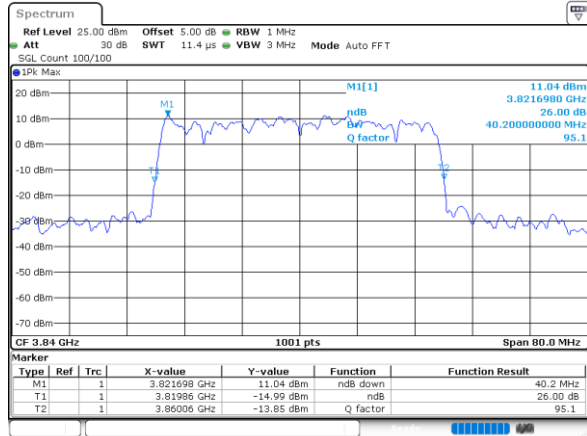
5G NR UL-MIMO n77 / 40MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

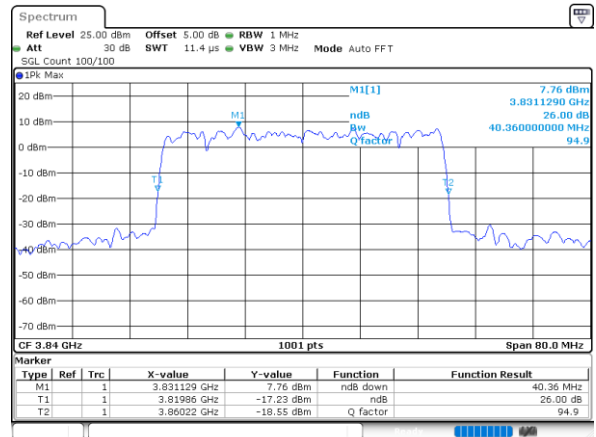
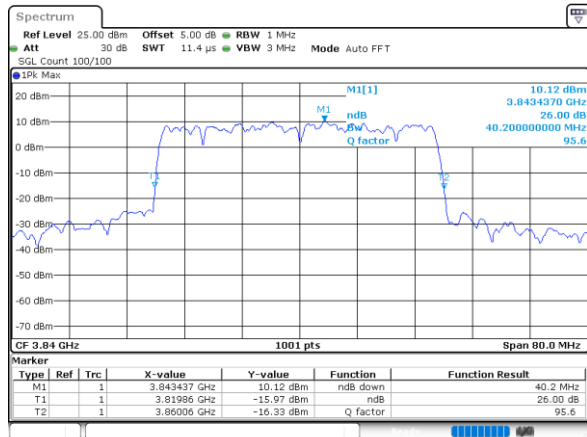


64QAM

256QAM

Middle Channel

Middle Channel





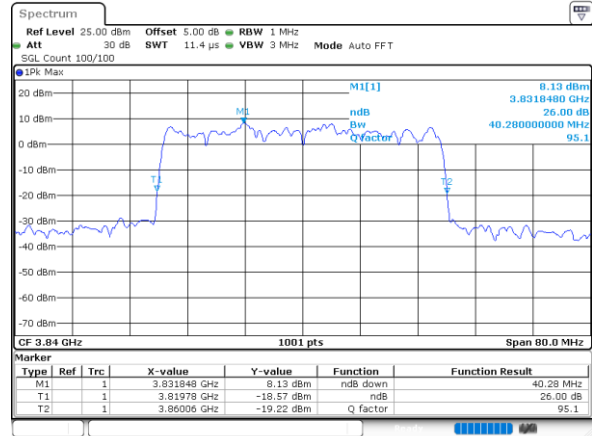
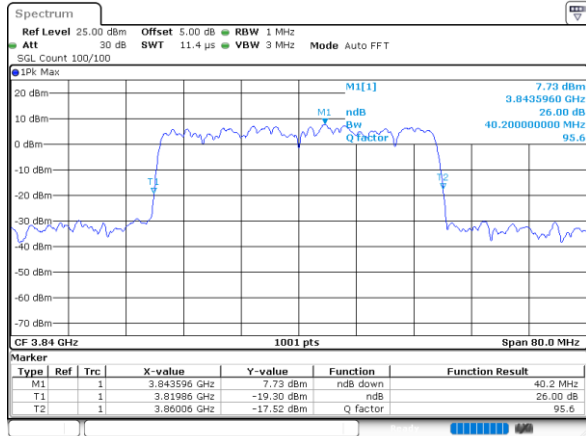
5G NR UL-MIMO n77 / 40MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel

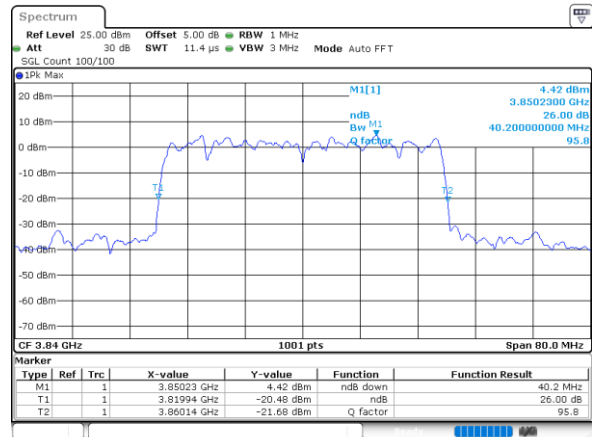


64QAM

256QAM

Middle Channel

Middle Channel

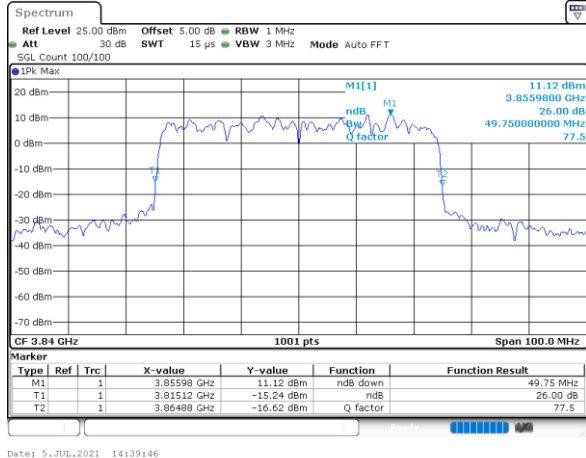




5G NR UL-MIMO n77 / 50MHz / CP-OFDM (Ant4)

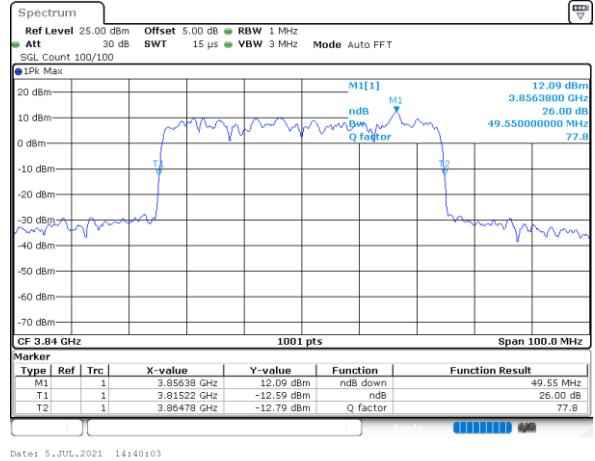
QPSK

Middle Channel



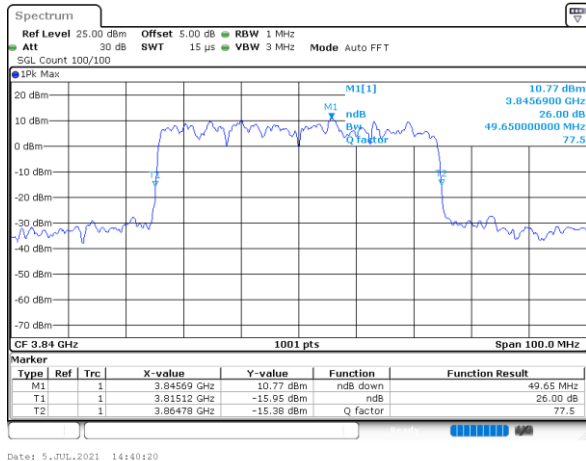
16QAM

Middle Channel



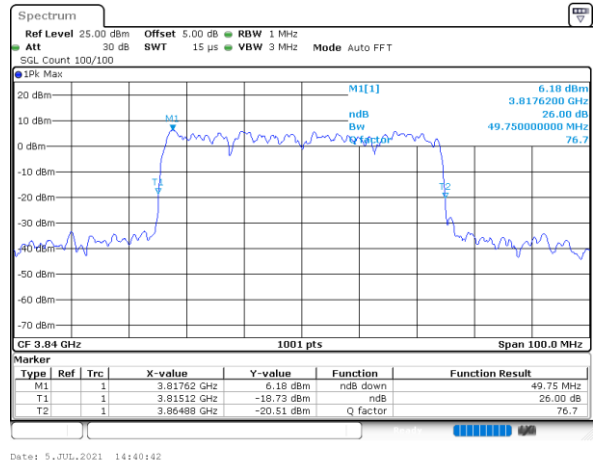
64QAM

Middle Channel



256QAM

Middle Channel





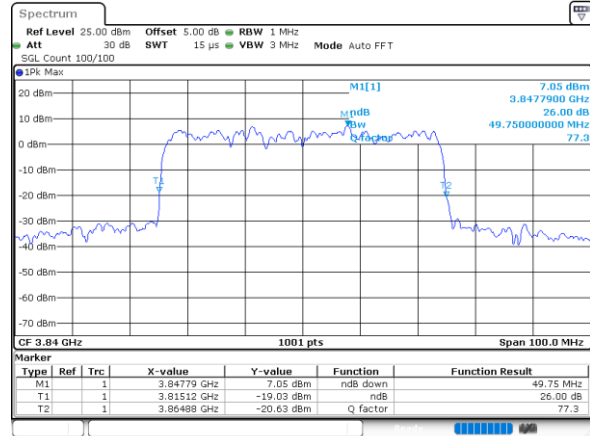
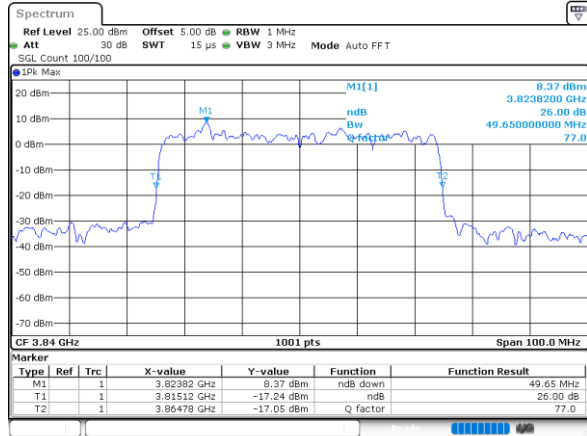
5G NR UL-MIMO n77 / 50MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel

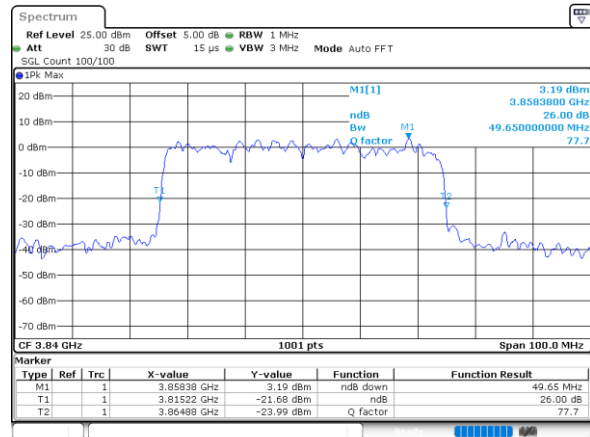
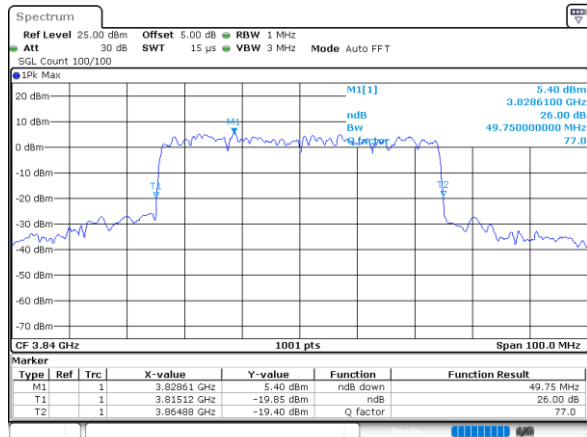


64QAM

256QAM

Middle Channel

Middle Channel





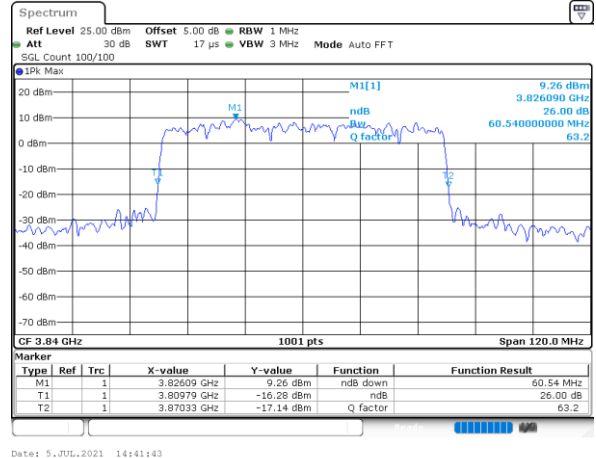
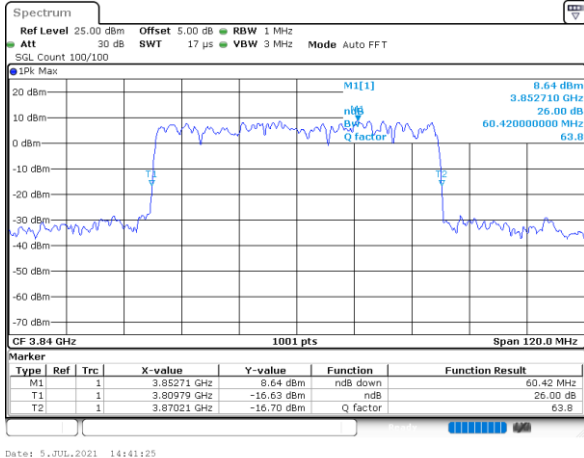
5G NR UL-MIMO n77 / 60MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

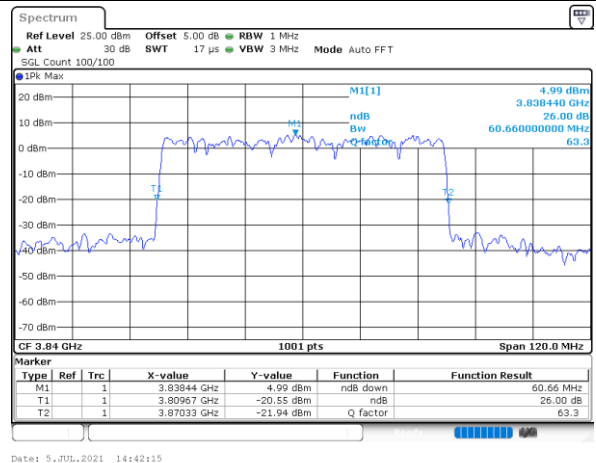
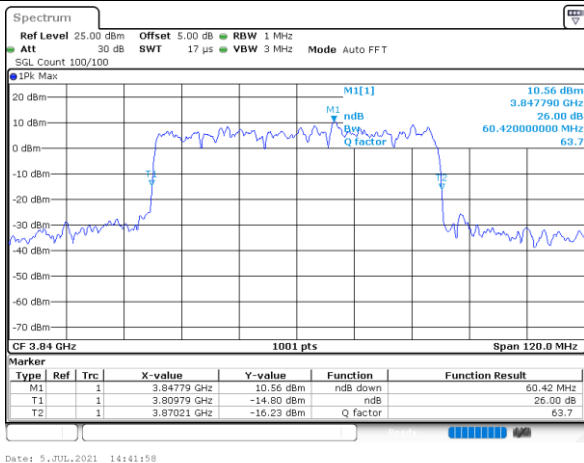


64QAM

256QAM

Middle Channel

Middle Channel





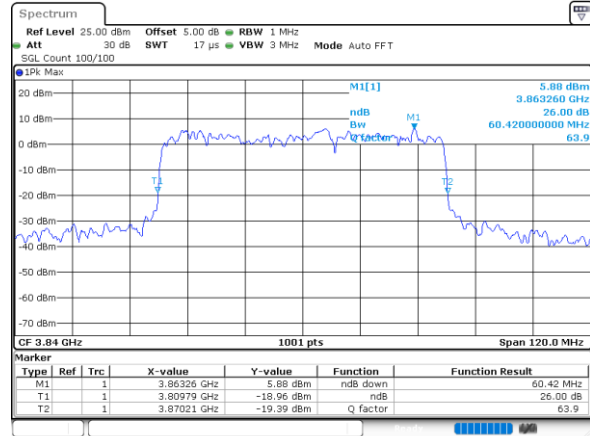
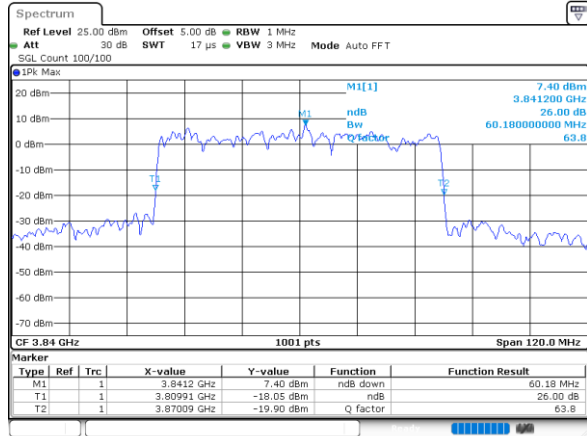
5G NR UL-MIMO n77 / 60MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel

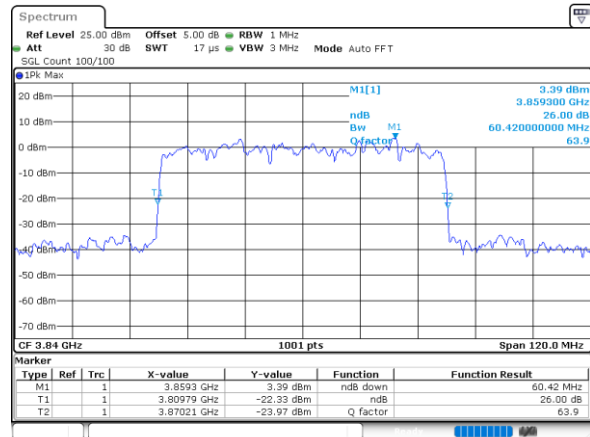


64QAM

256QAM

Middle Channel

Middle Channel





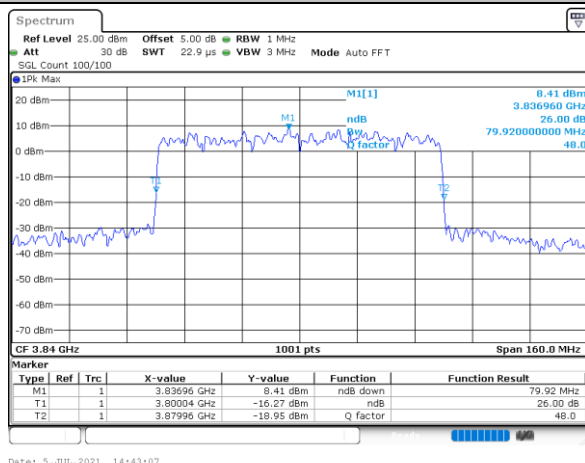
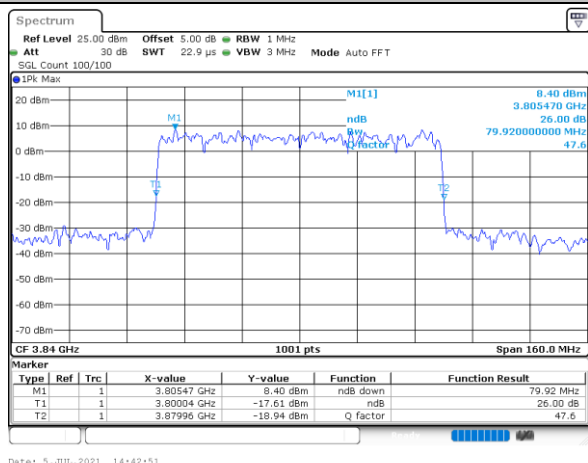
5G NR UL-MIMO n77 / 80MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

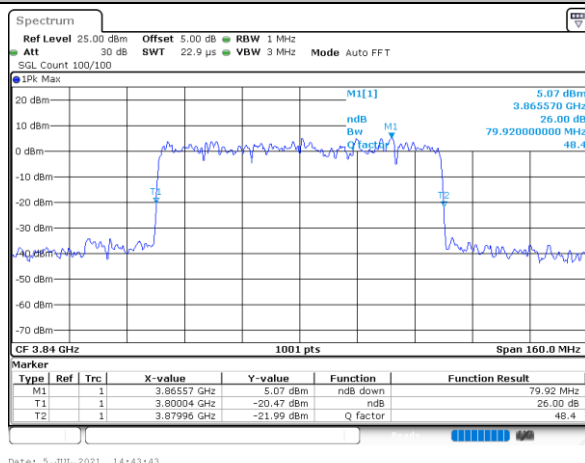
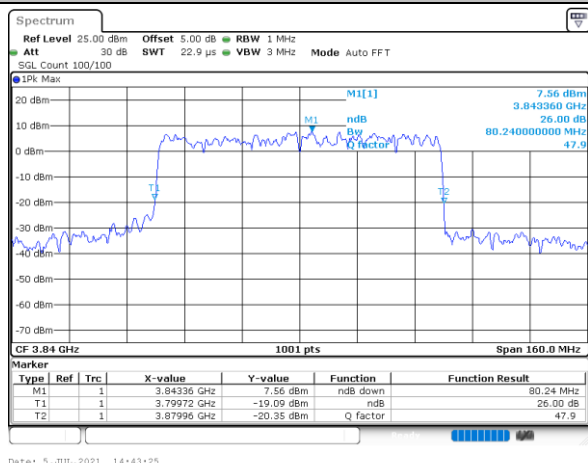


64QAM

256QAM

Middle Channel

Middle Channel

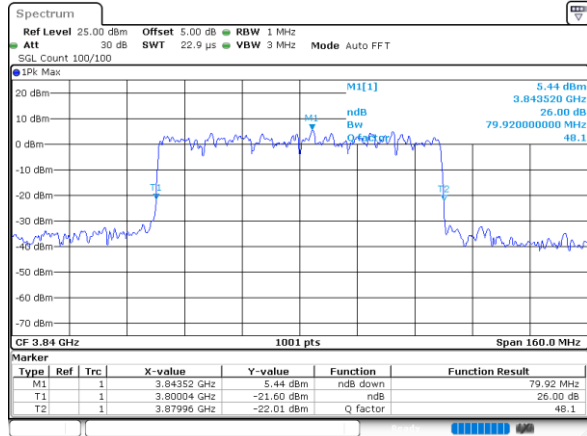




5G NR UL-MIMO n77 / 80MHz / CP-OFDM (Ant5)

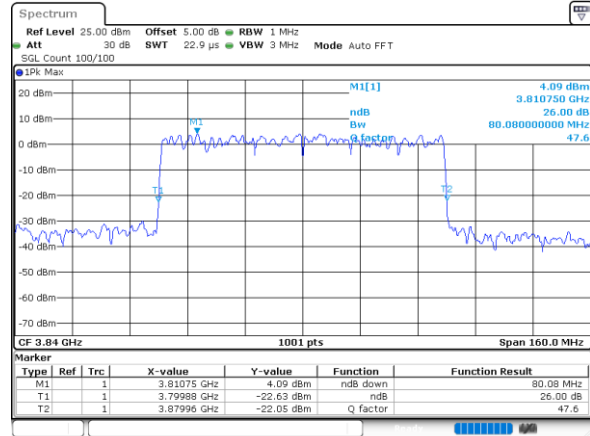
QPSK

Middle Channel



16QAM

Middle Channel



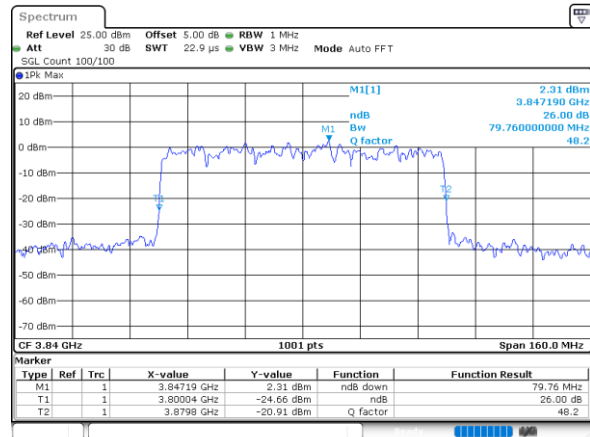
64QAM

Middle Channel



256QAM

Middle Channel





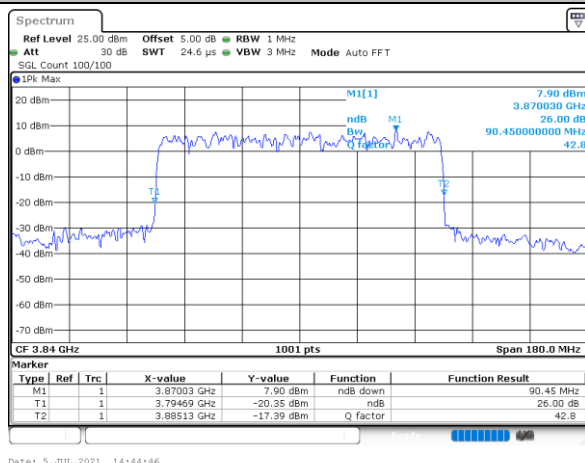
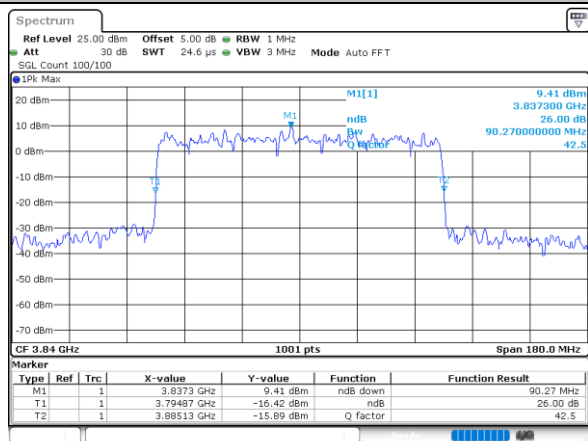
5G NR UL-MIMO n77 / 90MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

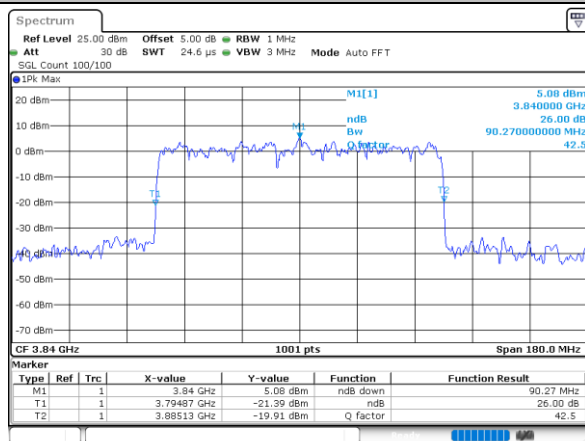
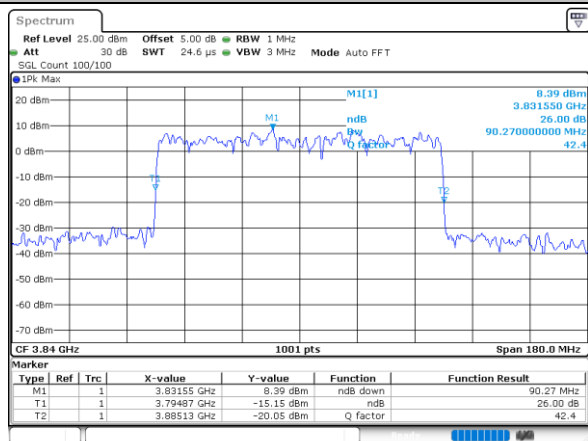


64QAM

256QAM

Middle Channel

Middle Channel

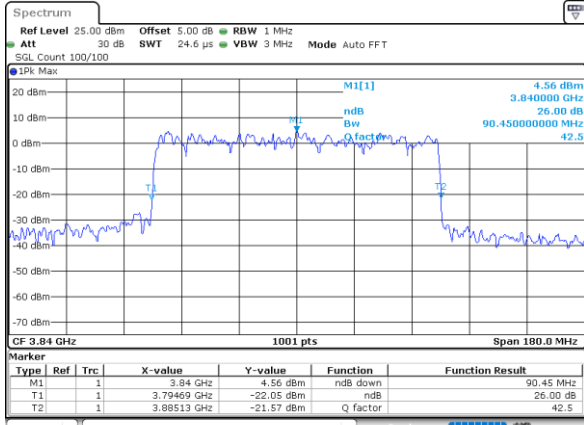




5G NR UL-MIMO n77 / 90MHz / CP-OFDM (Ant5)

QPSK

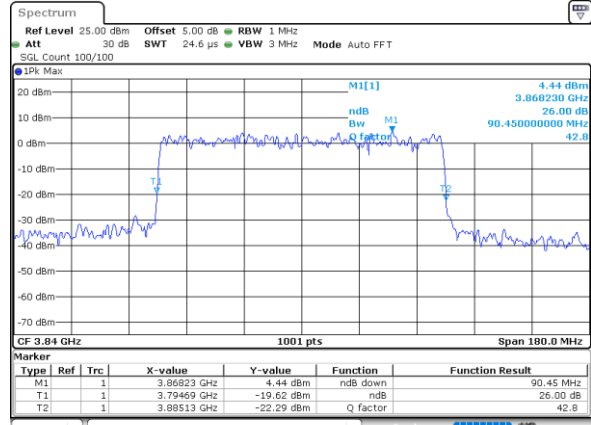
Middle Channel



Date: 2.JUL.2021 17:19:28

16QAM

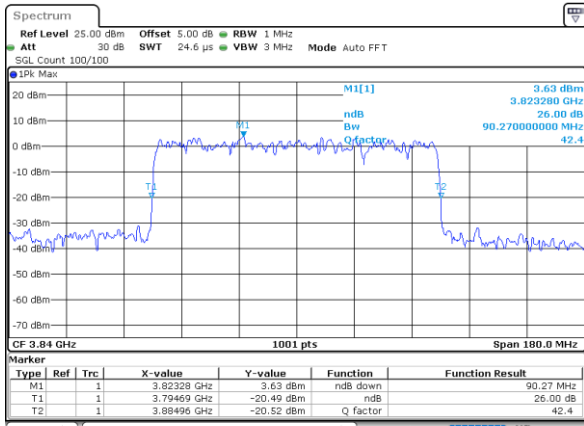
Middle Channel



Date: 2.JUL.2021 17:19:46

64QAM

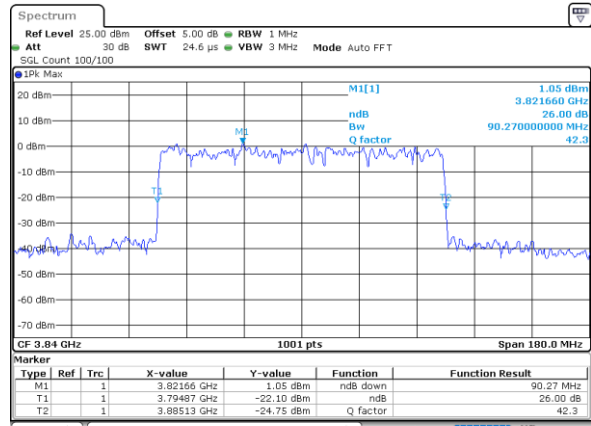
Middle Channel



Date: 2.JUL.2021 17:20:05

256QAM

Middle Channel



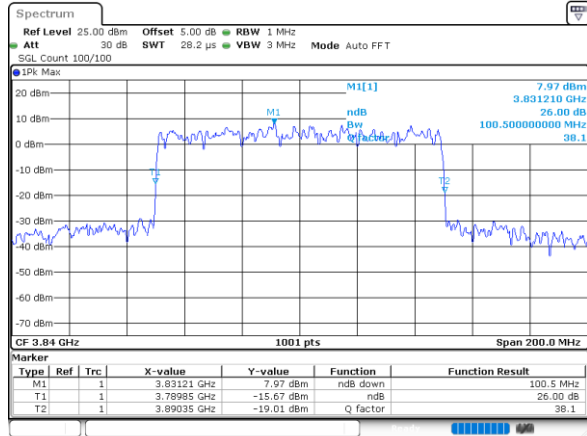
Date: 2.JUL.2021 17:20:22



5G NR UL-MIMO n77 / 100MHz / CP-OFDM (Ant4)

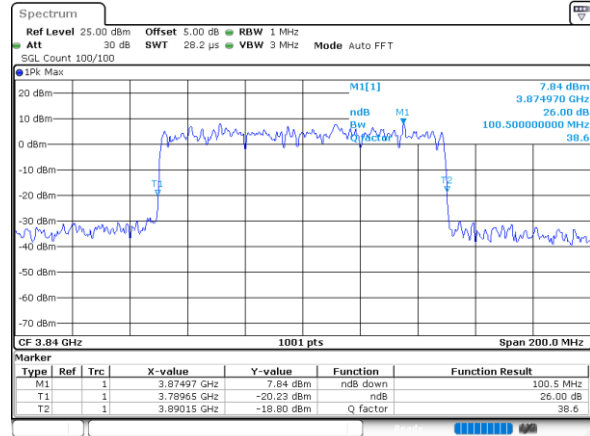
QPSK

Middle Channel



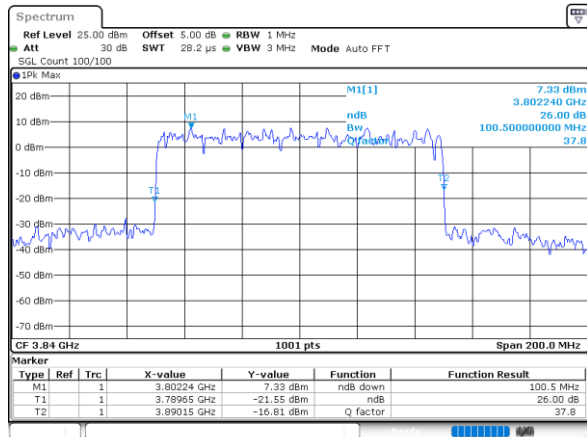
16QAM

Middle Channel



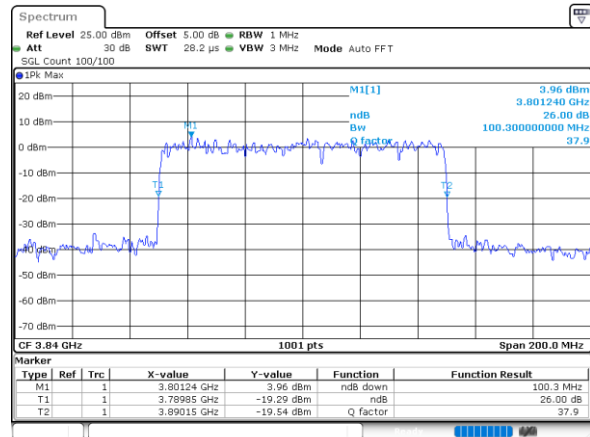
64QAM

Middle Channel



256QAM

Middle Channel





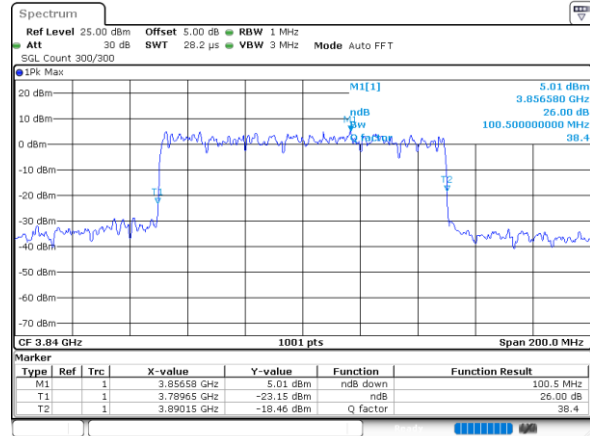
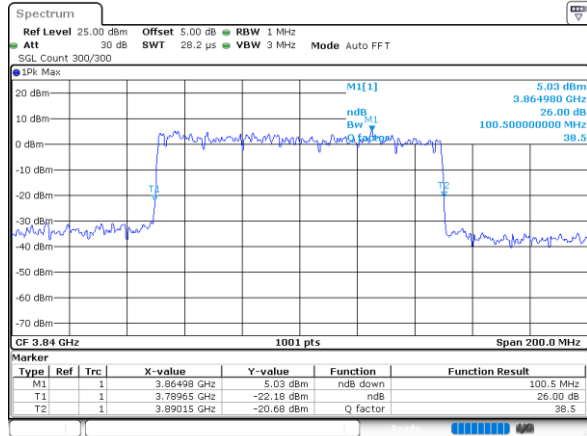
5G NR UL-MIMO n77 / 100MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel

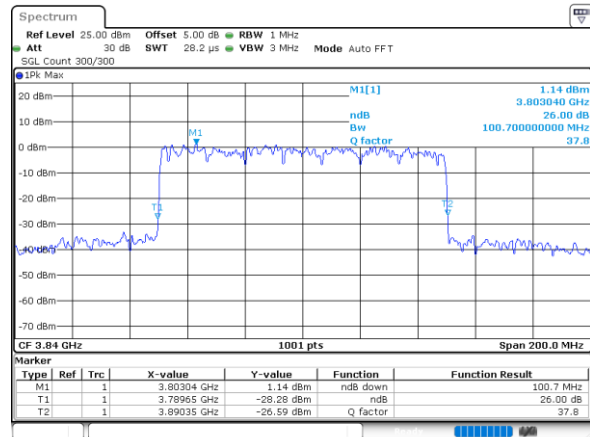
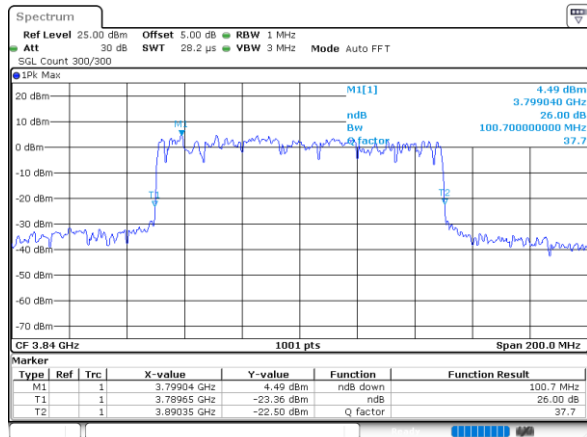


64QAM

256QAM

Middle Channel

Middle Channel



**Occupied Bandwidth**

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz	20MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	18.22	18.10	18.22	18.30	18.34	18.18	18.22	18.26

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz	40MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	37.88	38.20	37.96	38.12	37.80	38.12	38.20	37.96

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz	50MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	47.65	47.35	47.25	47.35	47.75	47.45	47.75	47.45

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz	60MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	58.14	57.90	57.90	57.78	58.02	57.90	57.78	58.14

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz	80MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	77.52	77.68	77.52	76.88	77.84	77.68	77.36	77.68

Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz	90MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	87.39	87.75	87.21	87.57	87.57	87.57	87.03	87.21



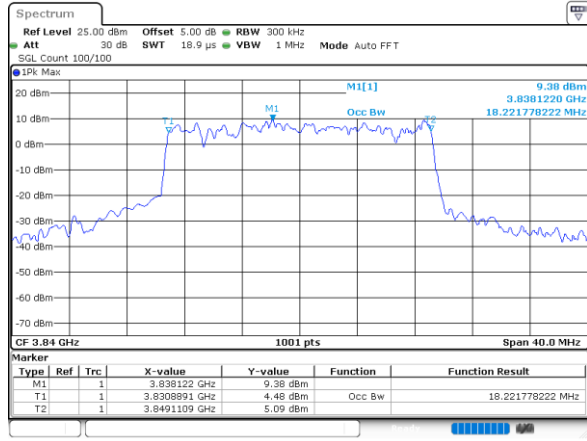
Mode	5G NR UL-MIMO n77 : OBW(MHz) / CP-OFDM							
	Ant4				Ant5			
BW	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz	100MHz
Mod.	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
Middle CH	97.70	97.70	97.30	96.90	97.50	97.50	97.50	97.50



5G NR UL-MIMO n77 / 20MHz / CP-OFDM (Ant4)

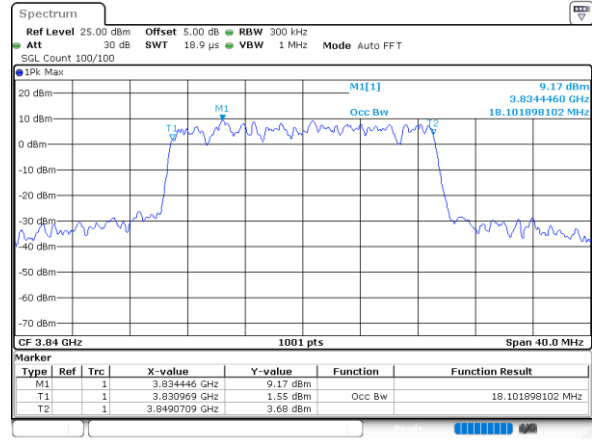
QPSK

Middle Channel



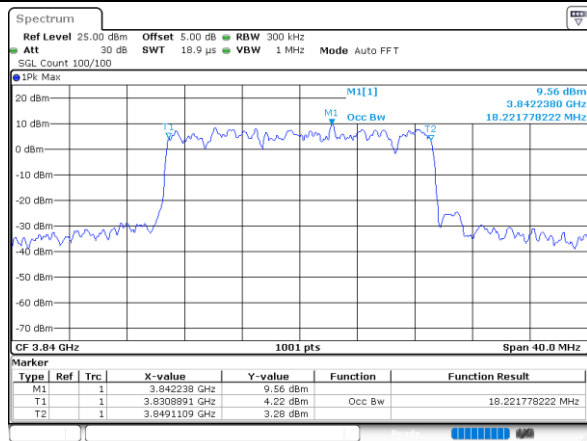
16QAM

Middle Channel



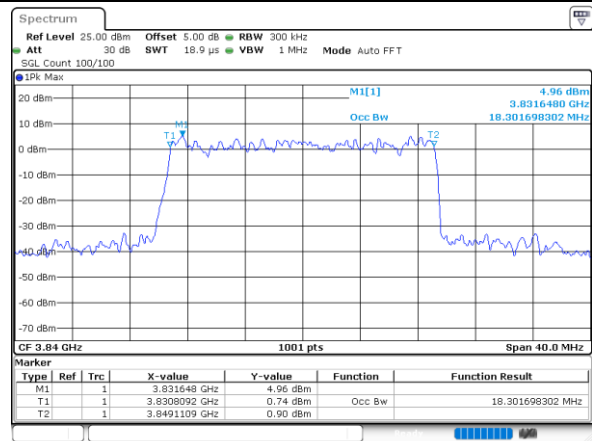
64QAM

Middle Channel



256QAM

Middle Channel

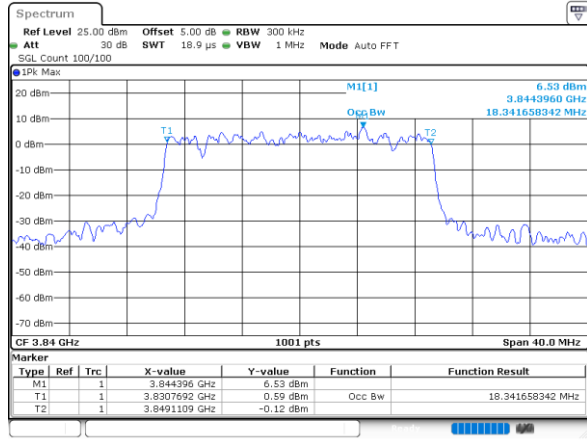




5G NR UL-MIMO n77 / 20MHz / CP-OFDM (Ant5)

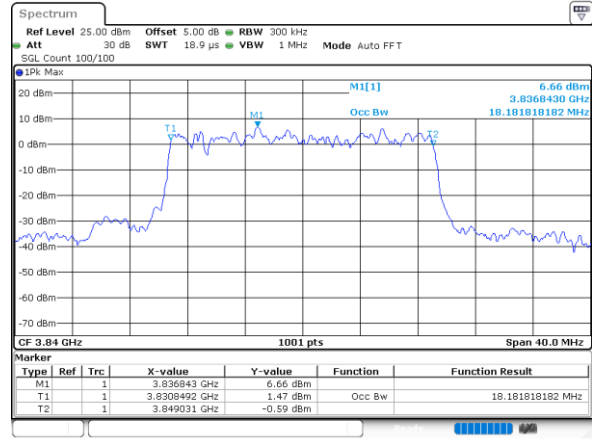
QPSK

Middle Channel



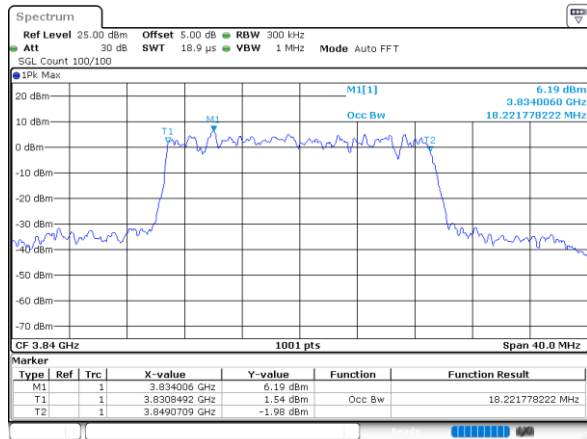
16QAM

Middle Channel



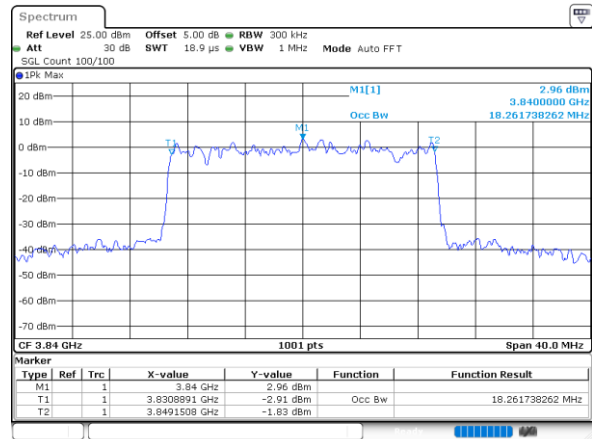
64QAM

Middle Channel



256QAM

Middle Channel





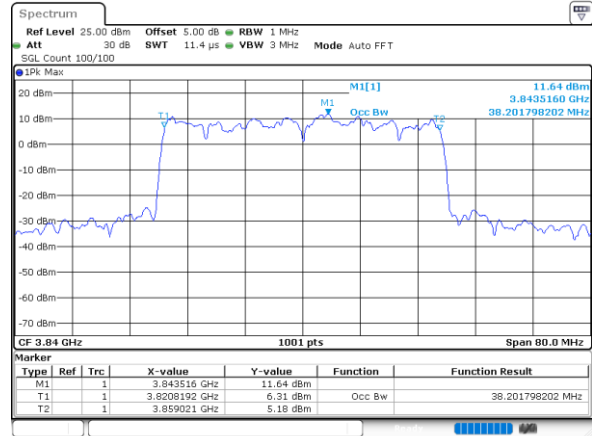
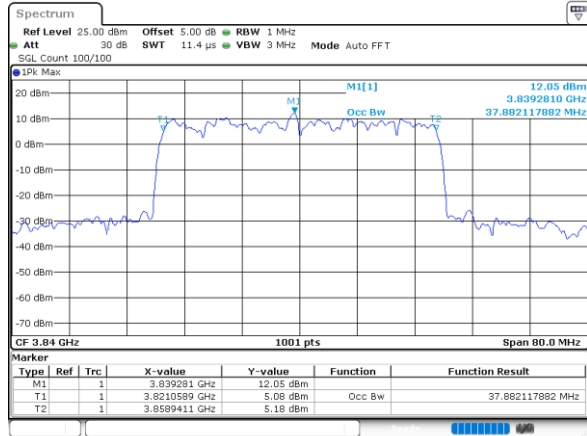
5G NR UL-MIMO n77 / 40MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

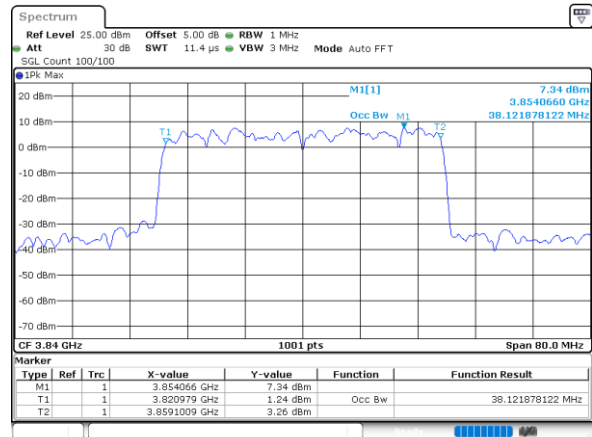
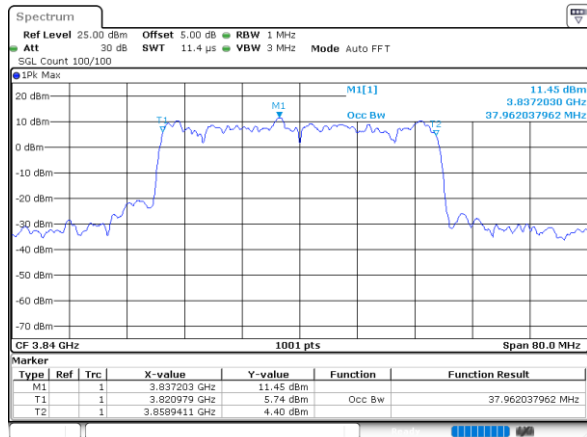


64QAM

256QAM

Middle Channel

Middle Channel

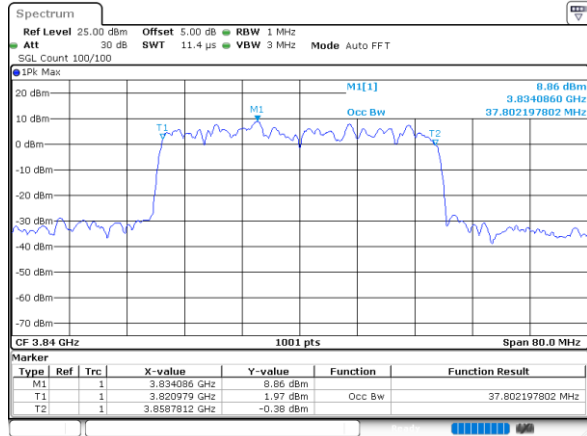




5G NR UL-MIMO n77 / 40MHz / CP-OFDM (Ant5)

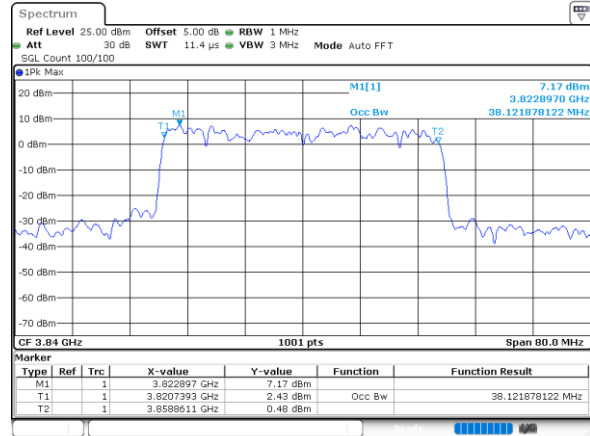
QPSK

Middle Channel



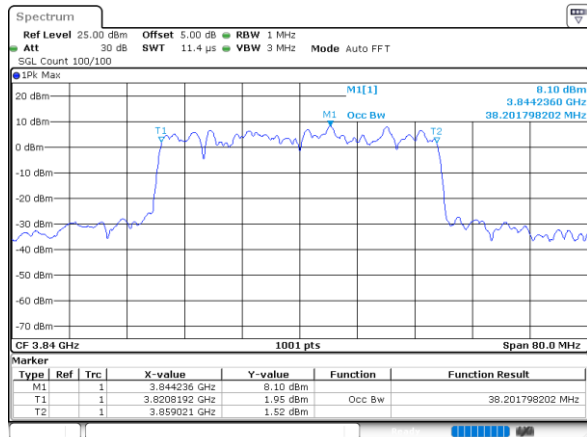
16QAM

Middle Channel



64QAM

Middle Channel



256QAM

Middle Channel

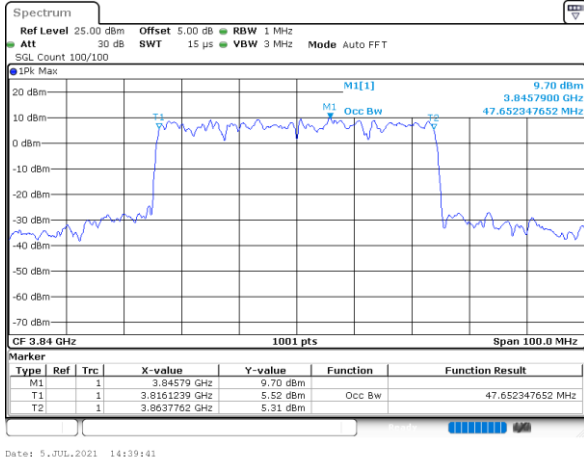




5G NR UL-MIMO n77 / 50MHz / CP-OFDM (ANT4)

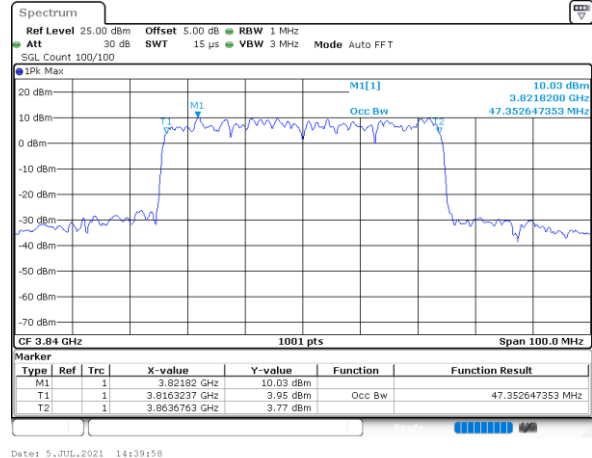
QPSK

Middle Channel



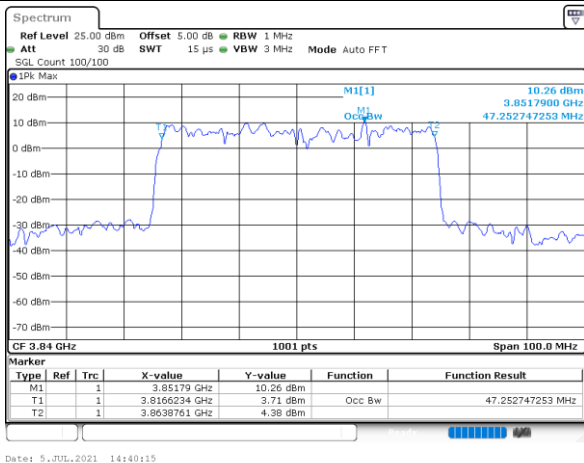
16QAM

Middle Channel



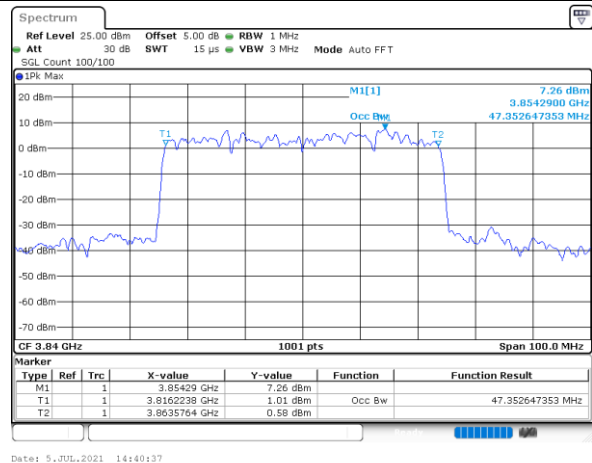
64QAM

Middle Channel



256QAM

Middle Channel

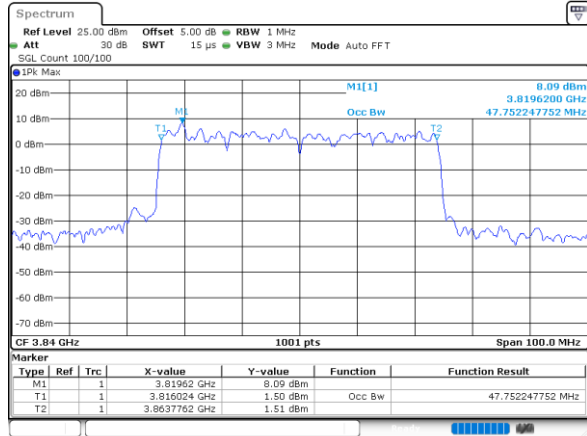




5G NR UL-MIMO n77 / 50MHz / CP-OFDM (Ant5)

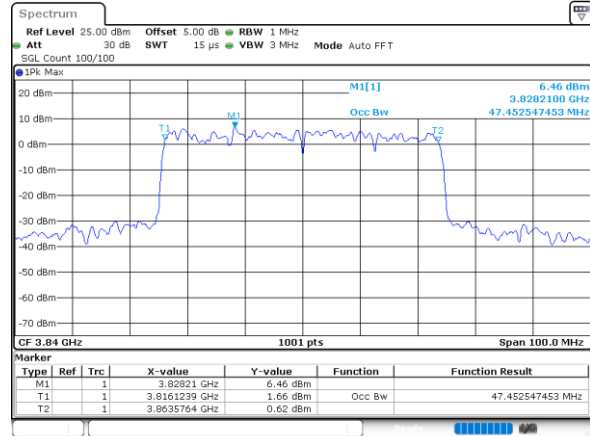
QPSK

Middle Channel



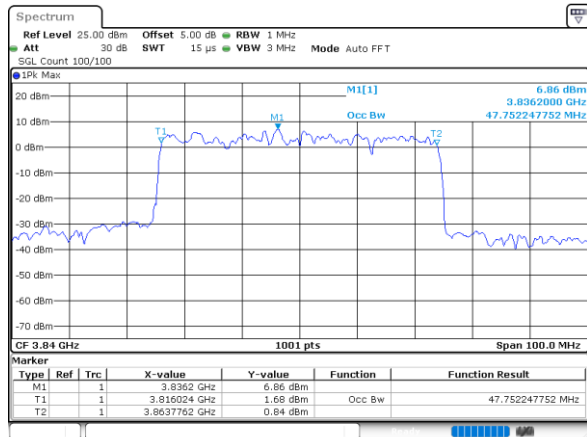
16QAM

Middle Channel



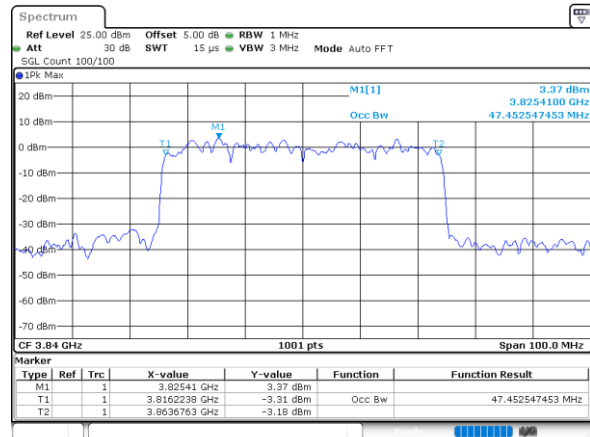
64QAM

Middle Channel



256QAM

Middle Channel

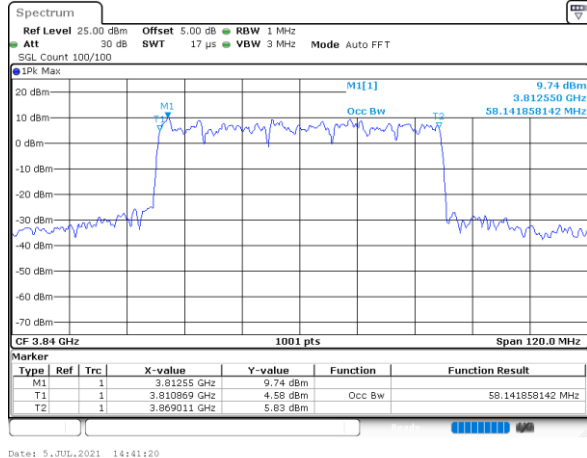




5G NR UL-MIMO n77 / 60MHz / CP-OFDM (ANT4)

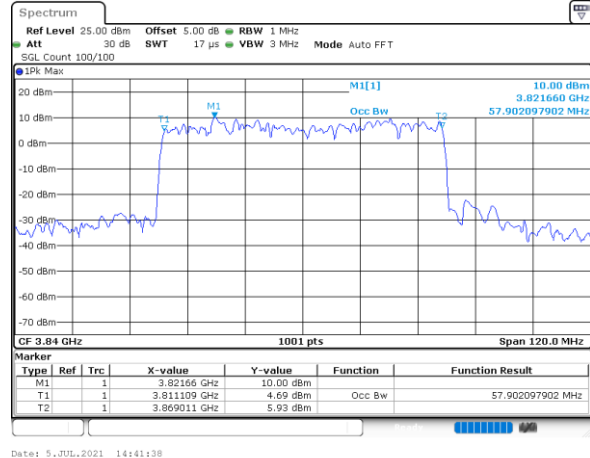
QPSK

Middle Channel



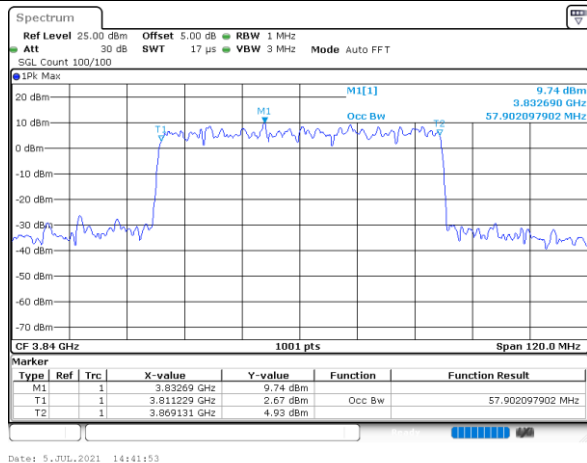
16QAM

Middle Channel



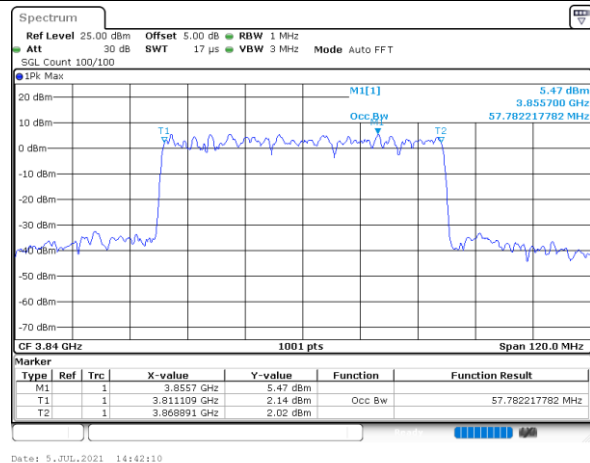
64QAM

Middle Channel



256QAM

Middle Channel





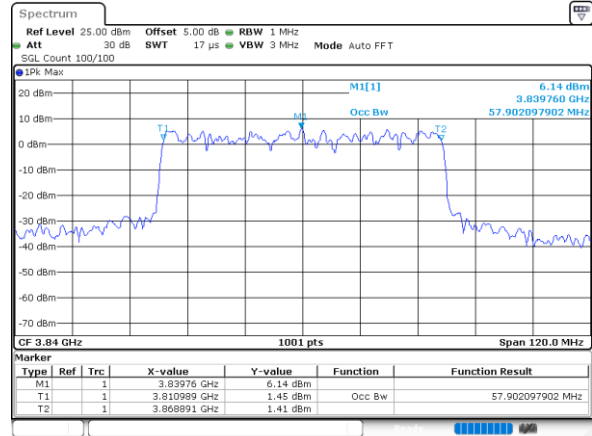
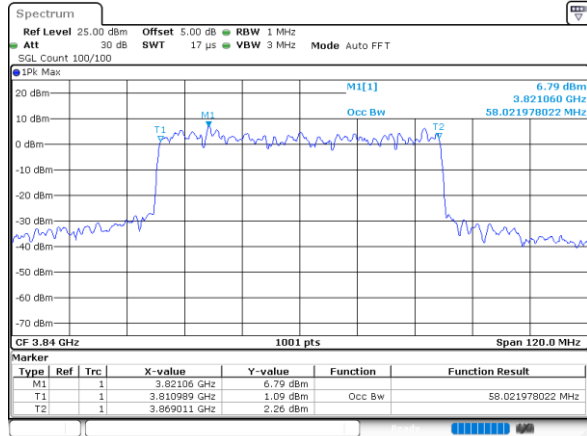
5G NR UL-MIMO n77 / 60MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel

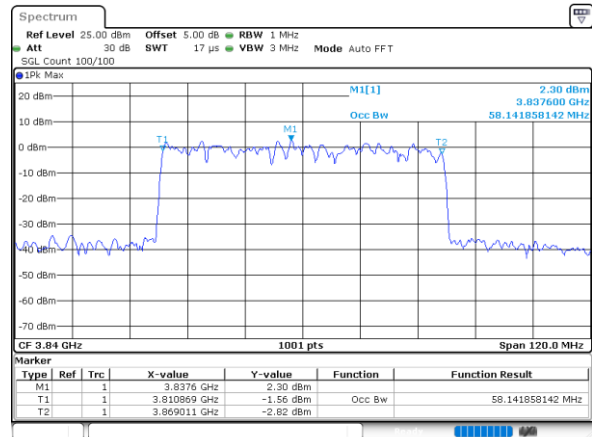
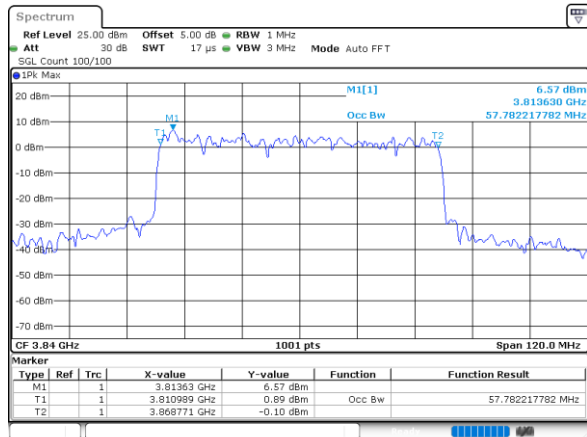


64QAM

256QAM

Middle Channel

Middle Channel





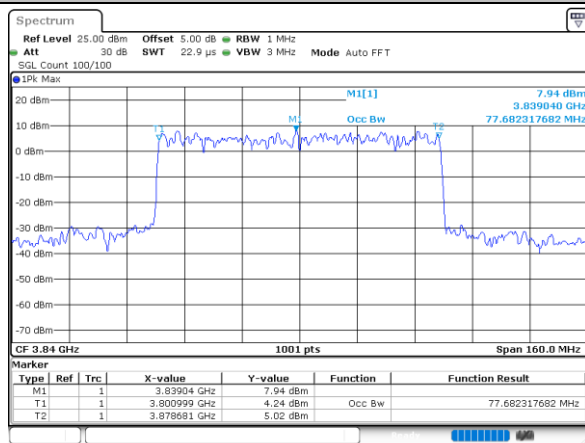
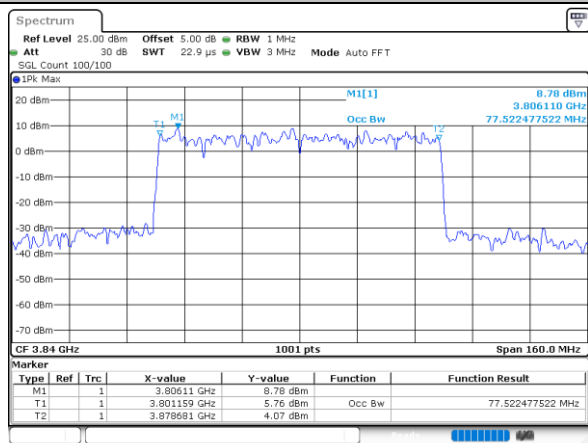
5G NR UL-MIMO n77 / 80MHz / CP-OFDM (ANT4)

QPSK

16QAM

Middle Channel

Middle Channel

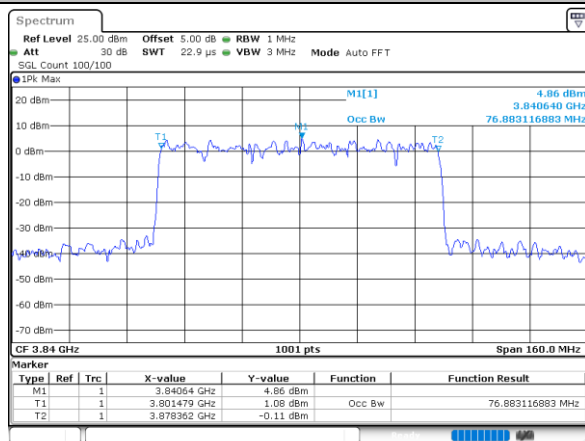
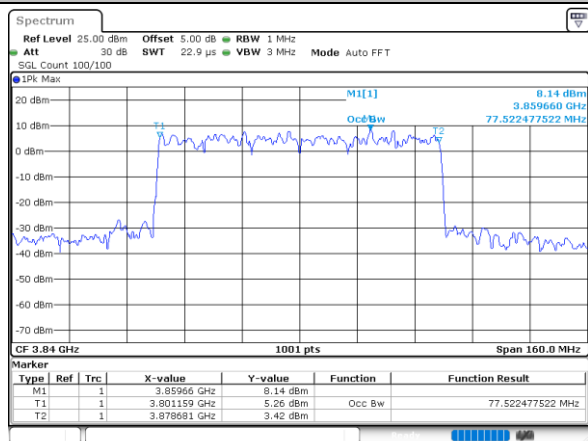


64QAM

256QAM

Middle Channel

Middle Channel

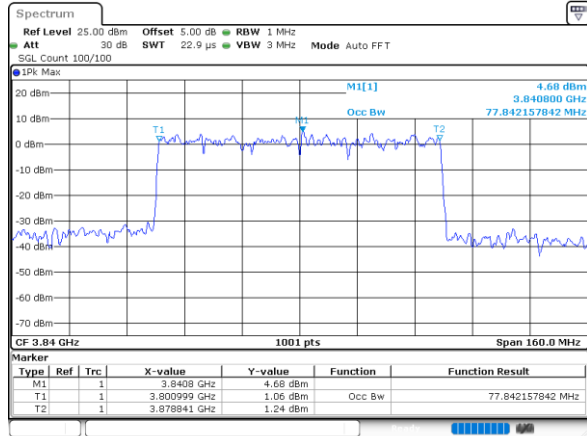




5G NR UL-MIMO n77 / 80MHz / CP-OFDM (Ant5)

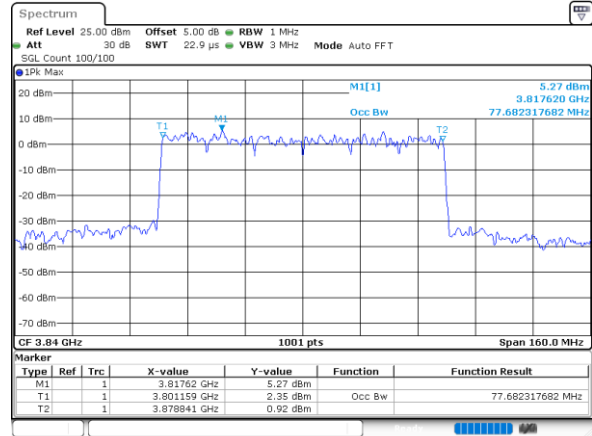
QPSK

Middle Channel



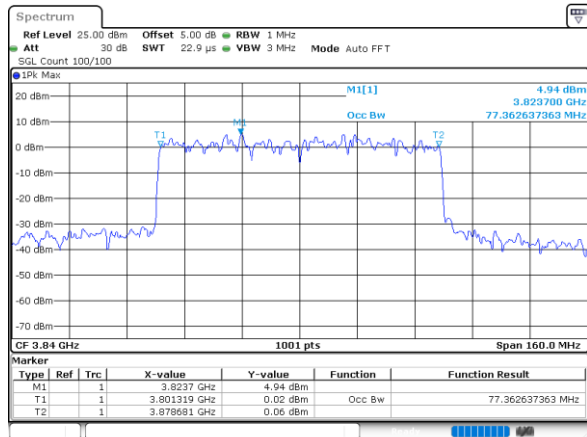
16QAM

Middle Channel



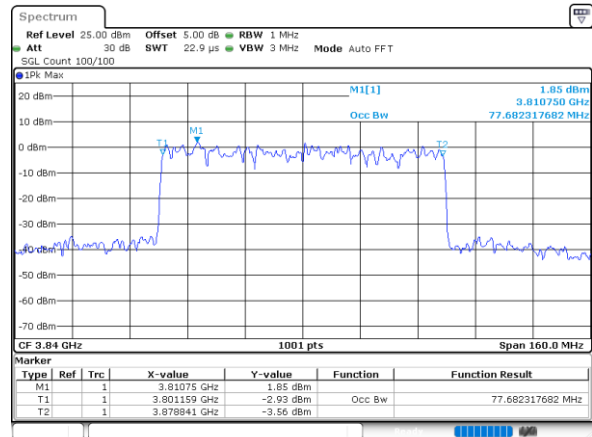
64QAM

Middle Channel



256QAM

Middle Channel





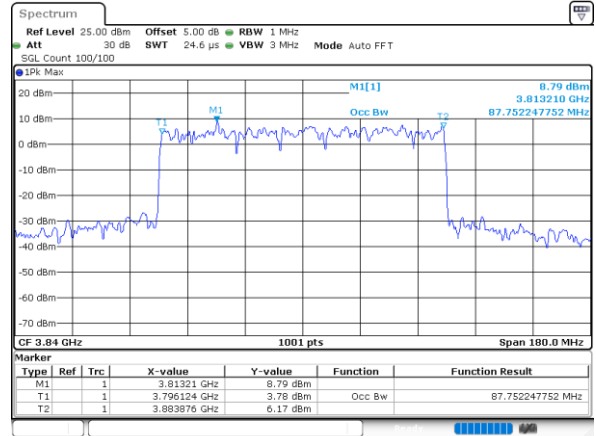
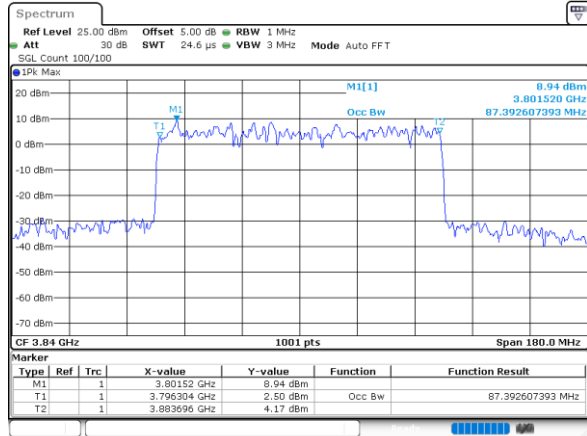
5G NR UL-MIMO n77 / 90MHz / CP-OFDM (Ant4)

QPSK

16QAM

Middle Channel

Middle Channel

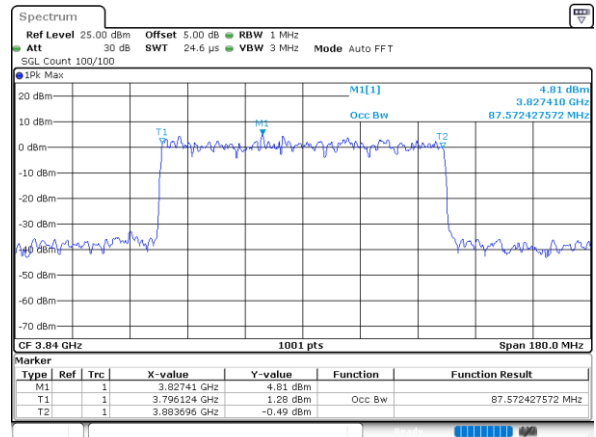
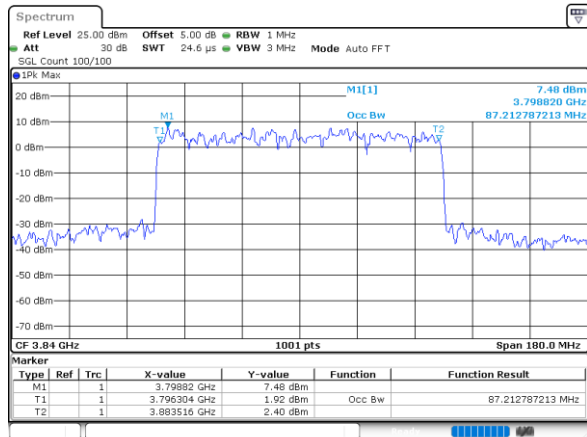


64QAM

256QAM

Middle Channel

Middle Channel

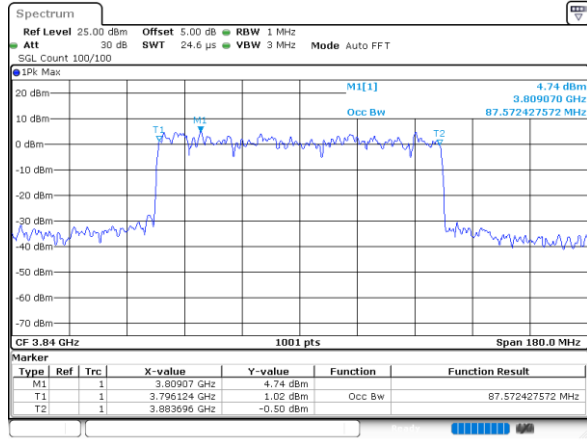




5G NR UL-MIMO n77 / 90MHz / CP-OFDM (Ant5)

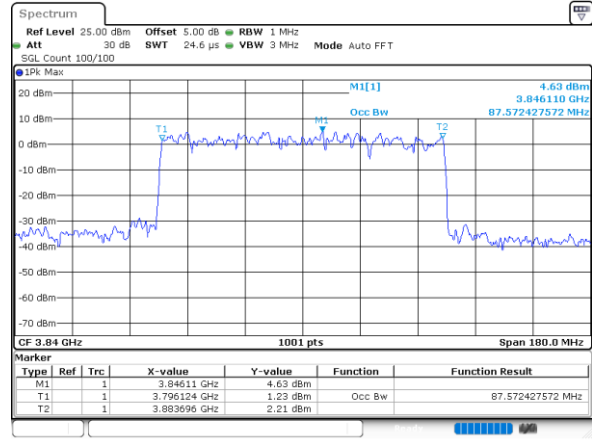
QPSK

Middle Channel



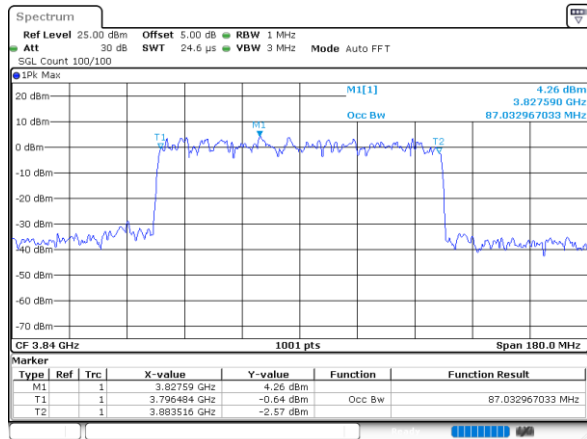
16QAM

Middle Channel



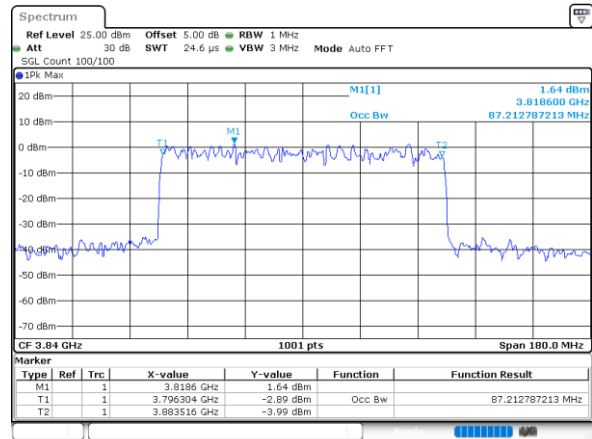
64QAM

Middle Channel



256QAM

Middle Channel





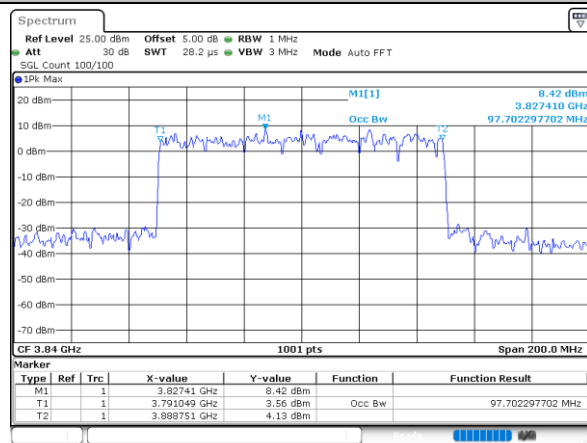
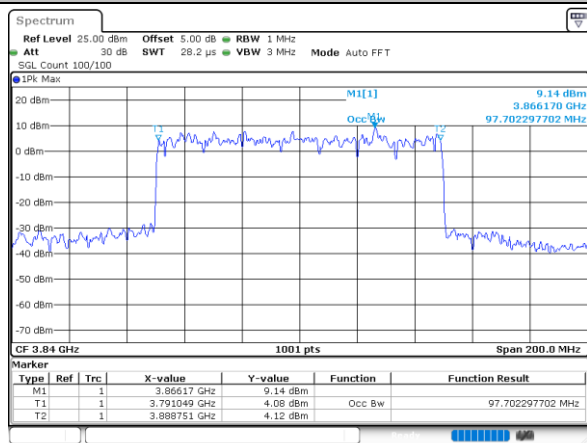
5G NR UL-MIMO n77 / 100MHz / CP-OFDM (ANT4)

QPSK

16QAM

Middle Channel

Middle Channel

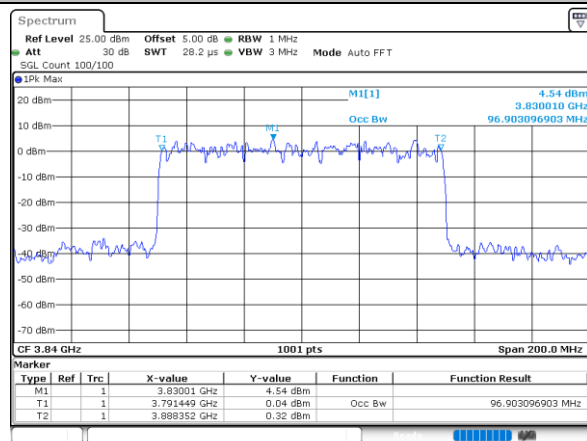
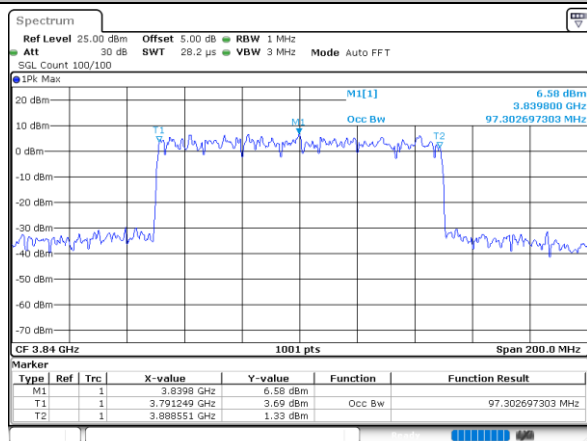


64QAM

256QAM

Middle Channel

Middle Channel





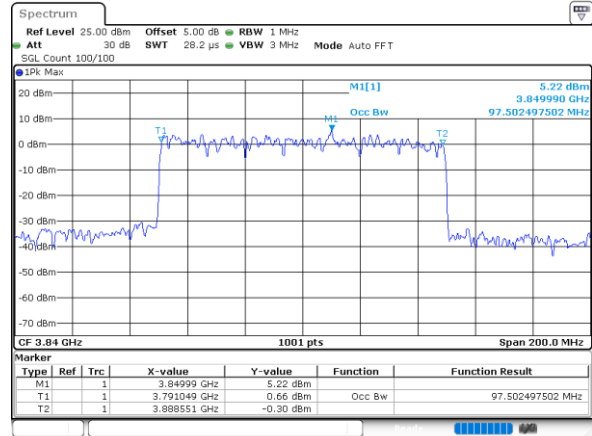
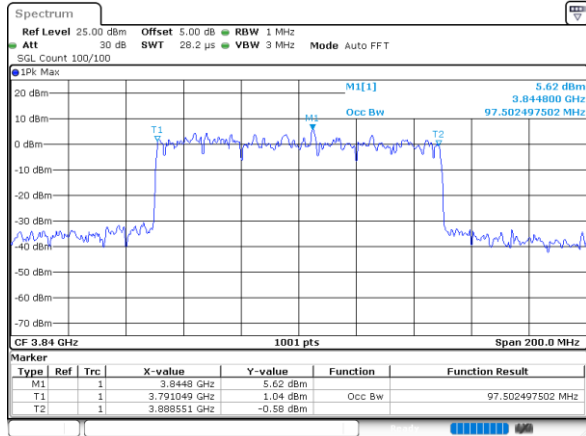
5G NR UL-MIMO n77 / 100MHz / CP-OFDM (Ant5)

QPSK

16QAM

Middle Channel

Middle Channel



64QAM

256QAM

Middle Channel

Middle Channel

