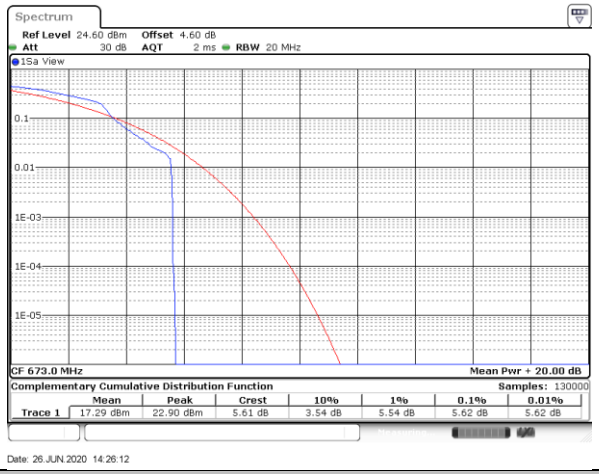
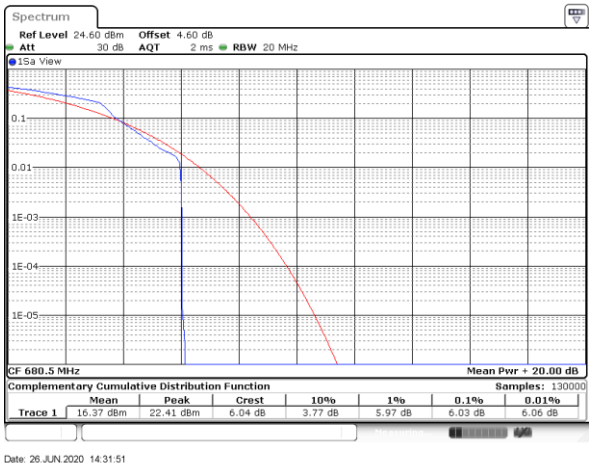
5G NR n71 / 20MHz / DFT-S OFDM

16QAM

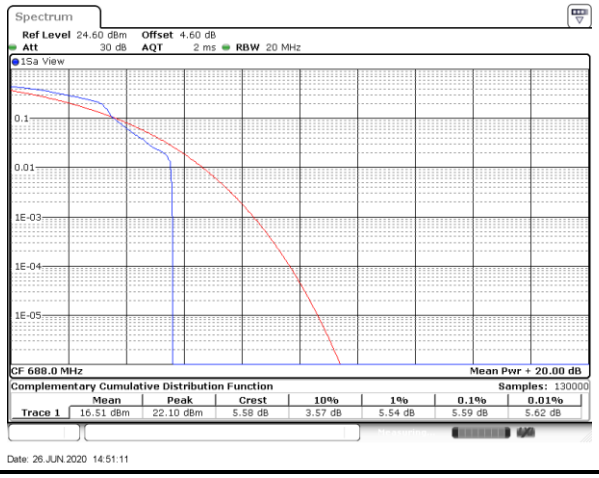
Lowest Channel / 1RB0



Middle Channel / 1RB0

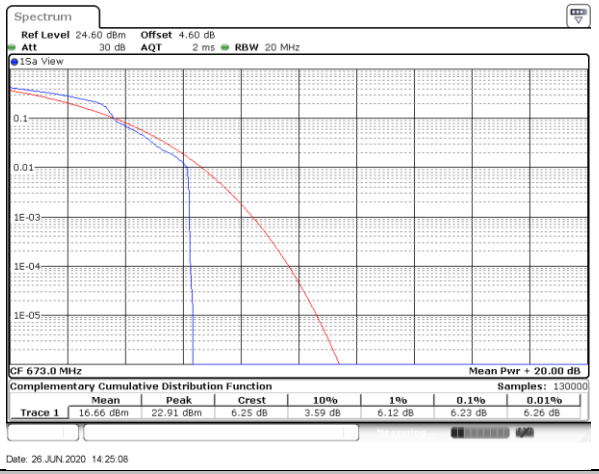


Highest Channel / 1RB0

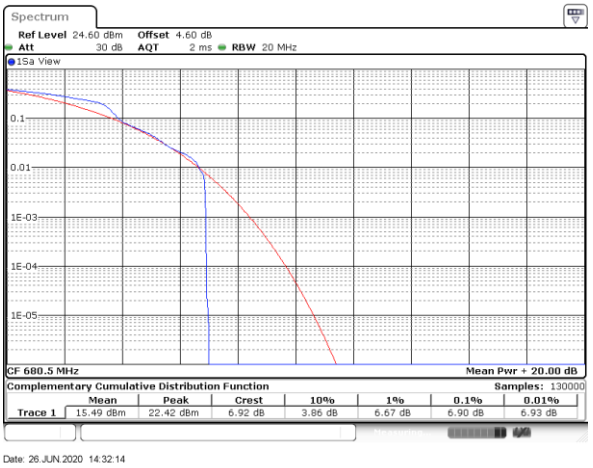


64QAM

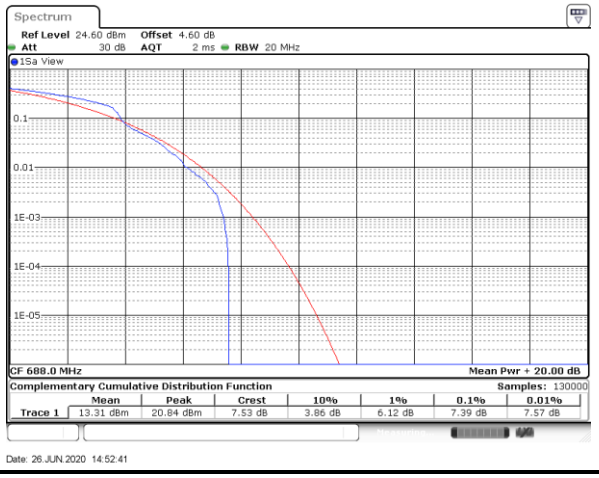
Lowest Channel / 1RB0

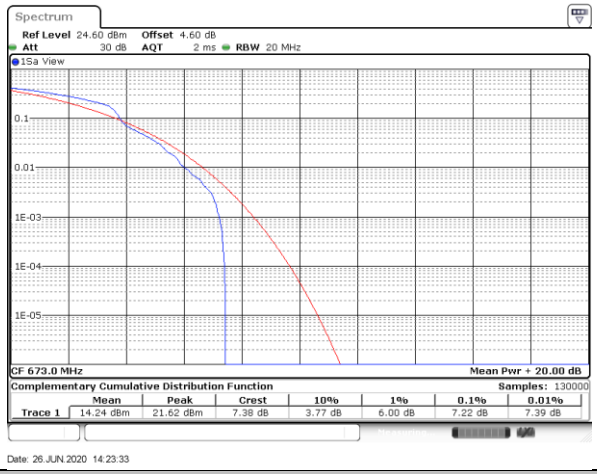
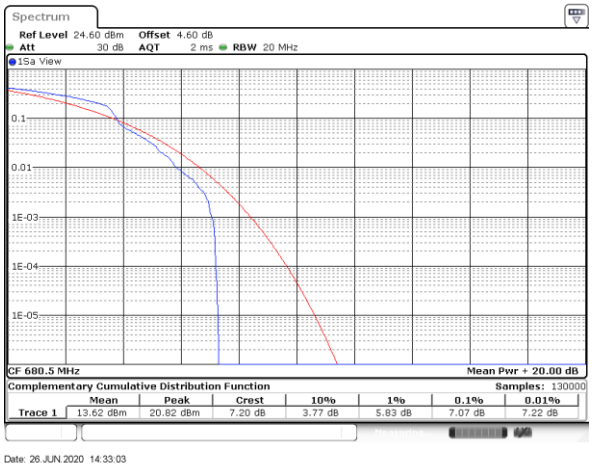
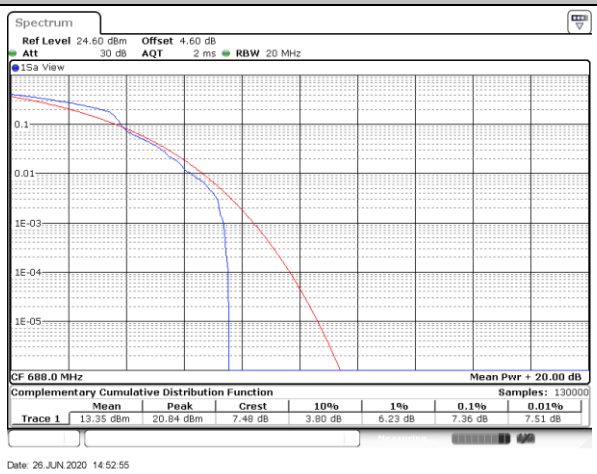


Middle Channel / 1RB0



Highest Channel / 1RB0



5G NR n71 / 20MHz / DFT-S OFDM	
256QAM	
Lowest Channel / 1RB0	
	
Middle Channel / 1RB0	
	
Highest Channel / 1RB0	
	

26dB Bandwidth

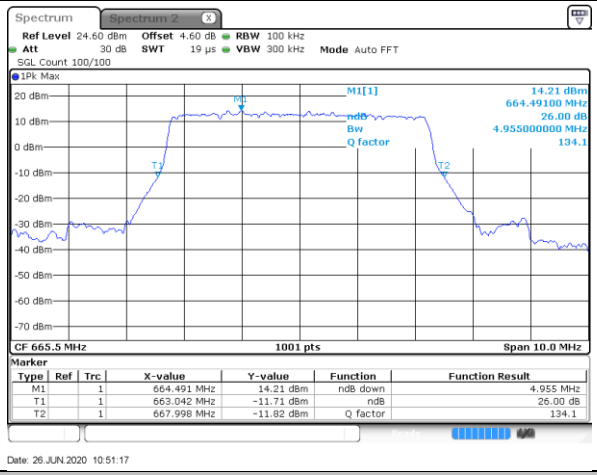
Mode	5G NR n71 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI / BPSK		PI / BPSK		PI / BPSK		PI / BPSK	
Lowest CH	4.96		9.65		14.27		20.18	
Middle CH	5.09		9.89		14.39		20.10	
Highest CH	5.07		9.73		14.21		20.26	

Mode	5G NR n71 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	5.08	5.14	9.91	9.71	14.18	14.60	20.06	20.14
Middle CH	5.00	5.18	9.81	9.87	14.39	14.54	20.18	20.18
Highest CH	5.08	4.93	9.83	9.63	14.42	14.39	20.22	20.18
Mode	5G NR n71 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	5.08	5.11	10.25	9.75	14.54	14.36	20.06	20.18
Middle CH	4.96	5.13	9.71	9.93	14.33	14.30	20.14	20.02
Highest CH	4.96	5.14	9.85	9.75	14.42	14.33	20.18	20.14

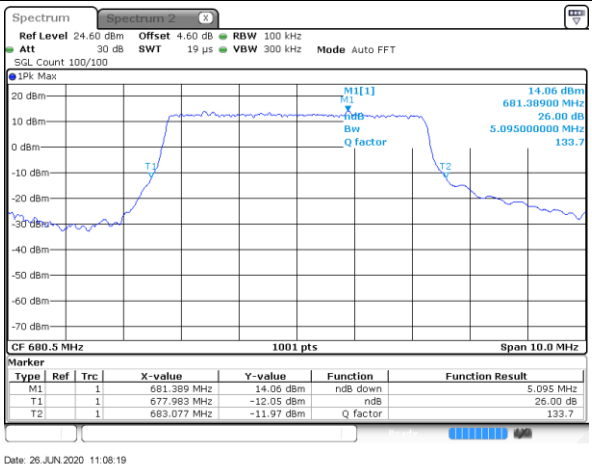
5G NR n71 / 5MHz / DFT-S OFDM

PI / BPSK

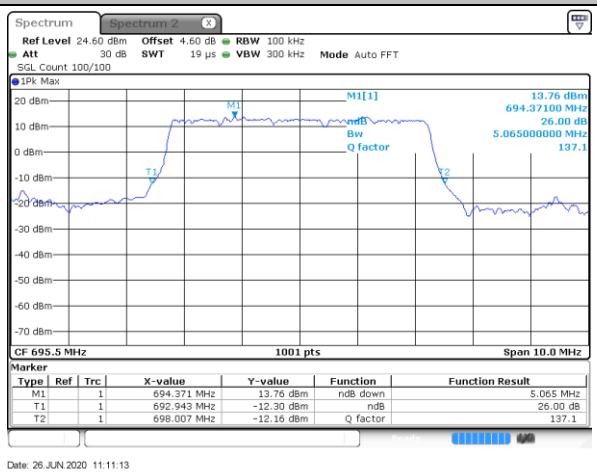
Lowest Channel



Middle Channel



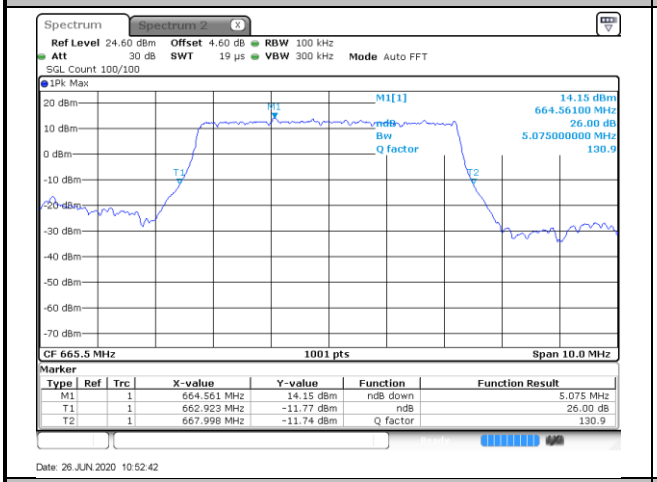
Highest Channel



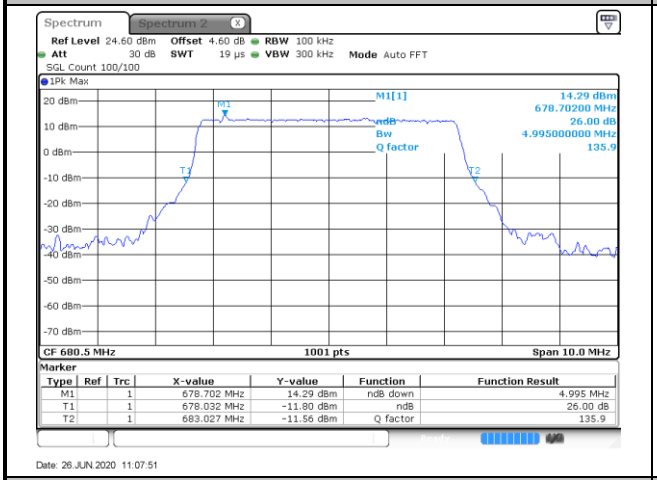
5G NR n71 / 5MHz / DFT-S OFDM

QPSK

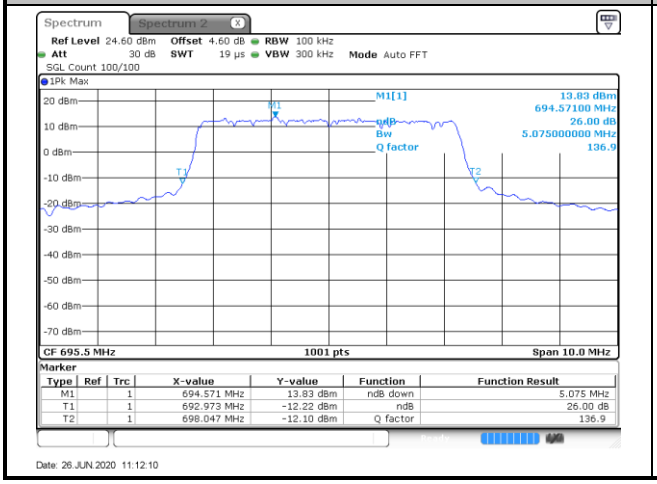
Lowest Channel



Middle Channel

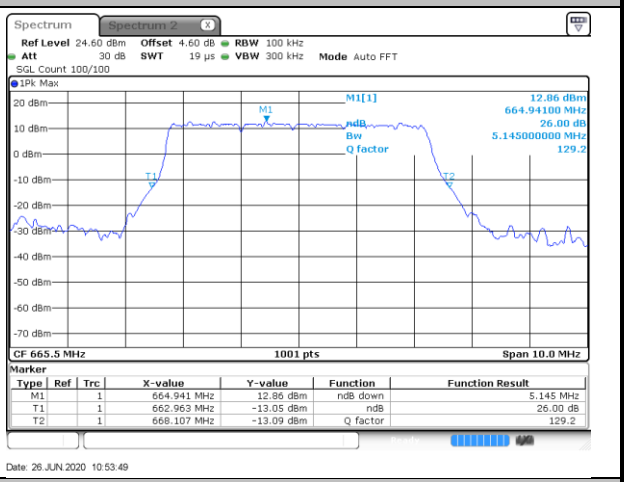


Highest Channel

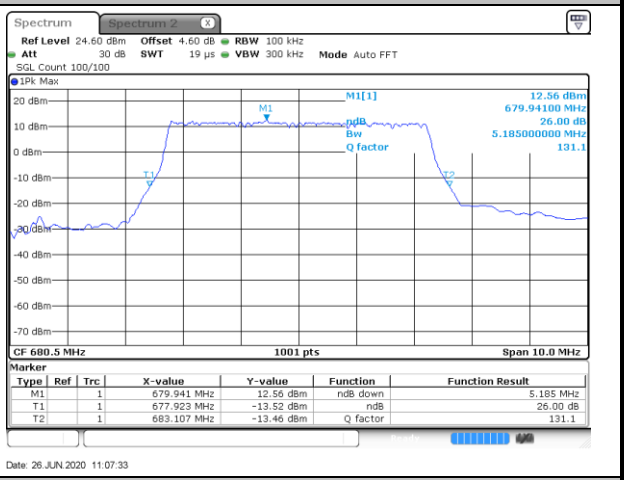


16QAM

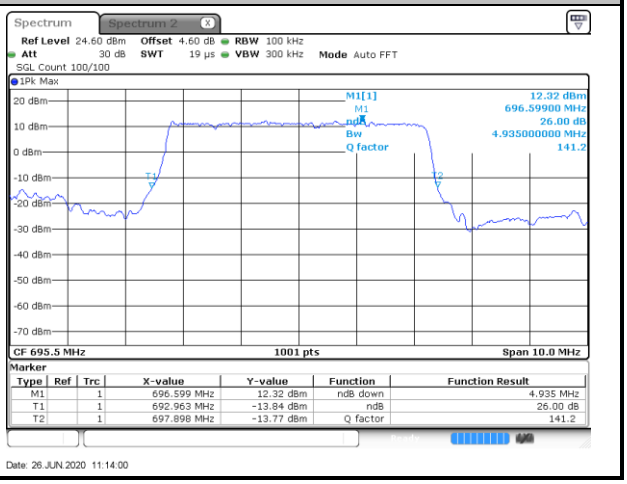
Lowest Channel



Middle Channel



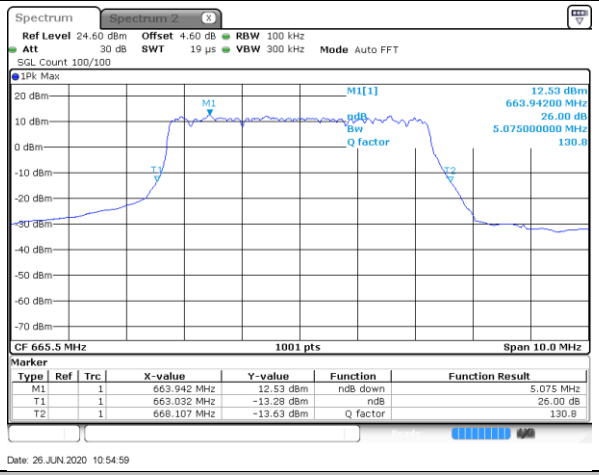
Highest Channel



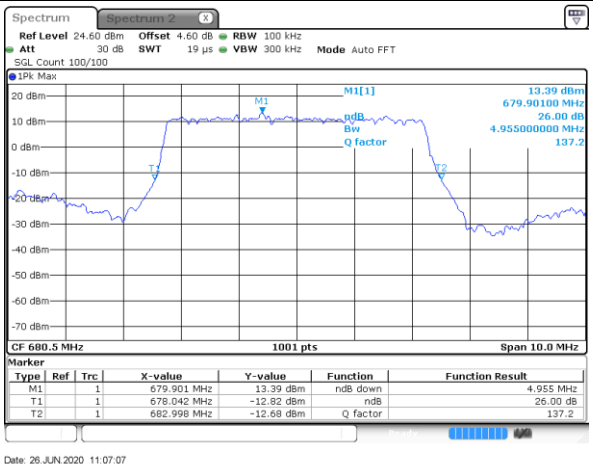
5G NR n71 / 5MHz / DFT-S OFDM

64QAM

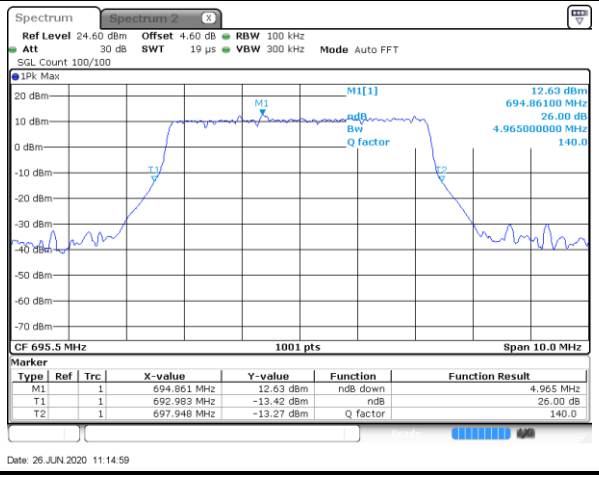
Lowest Channel



Middle Channel

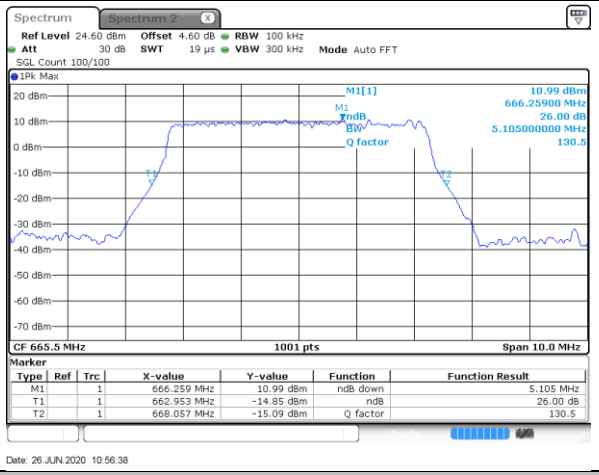


Highest Channel

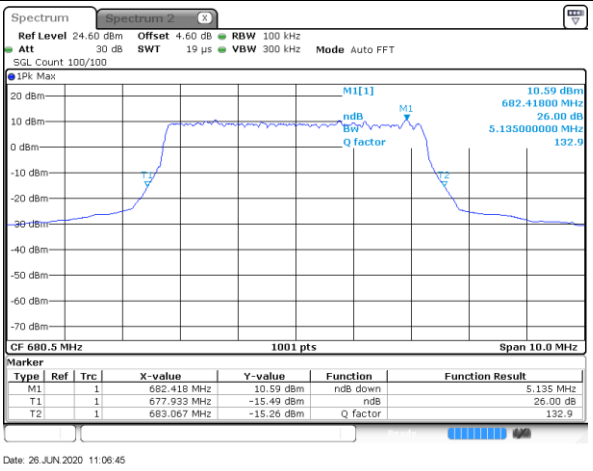


256QAM

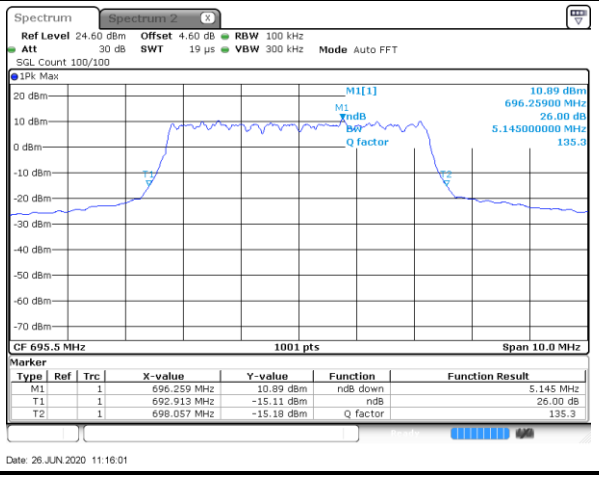
Lowest Channel



Middle Channel



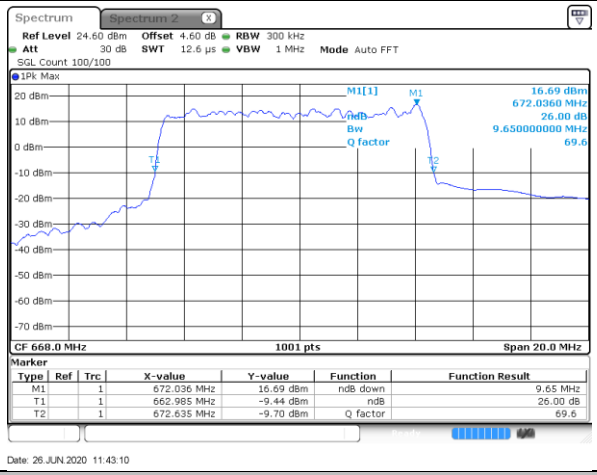
Highest Channel



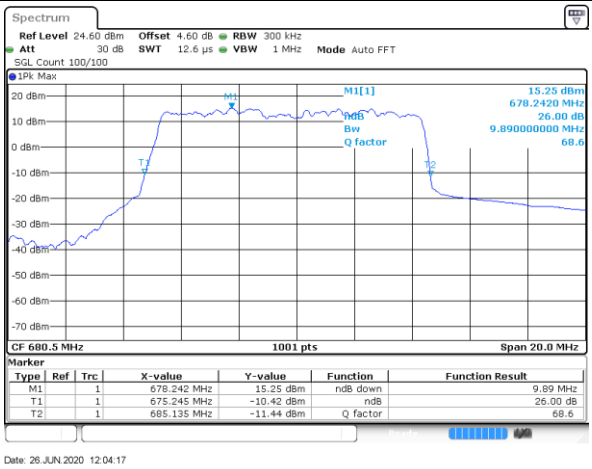
5G NR n71 / 10MHz / DFT-S OFDM

PI / BPSK

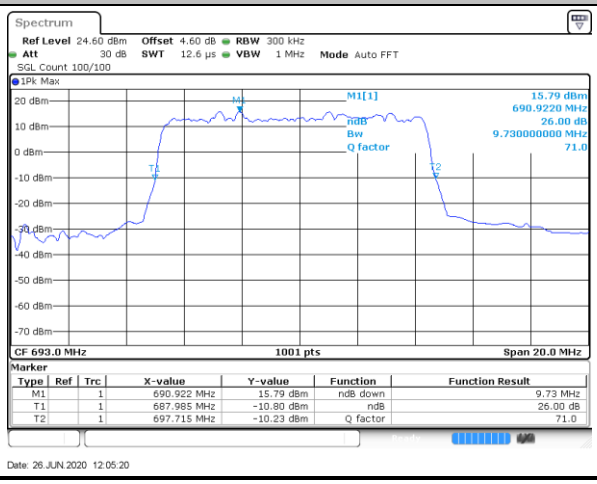
Lowest Channel



Middle Channel



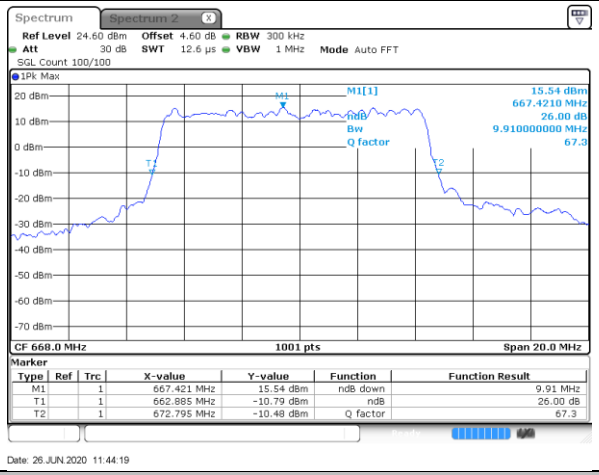
Highest Channel



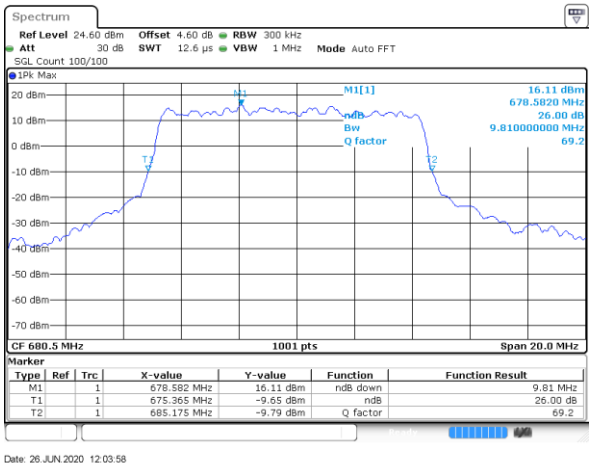
5G NR n71 / 10MHz / DFT-S OFDM

QPSK

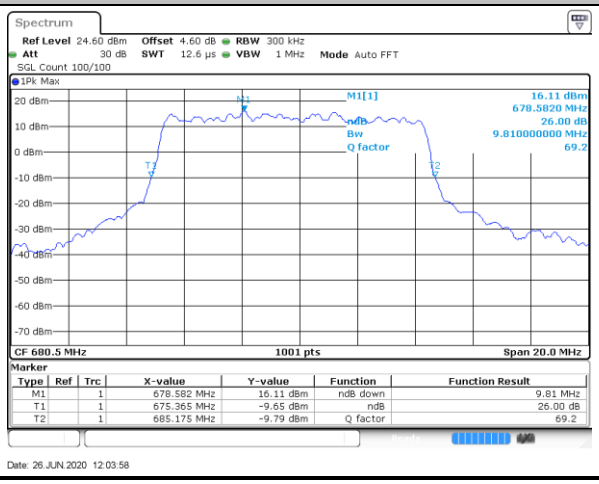
Lowest Channel



Middle Channel

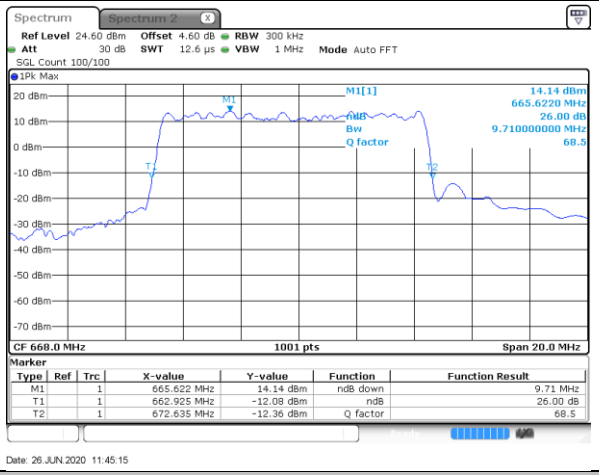


Highest Channel

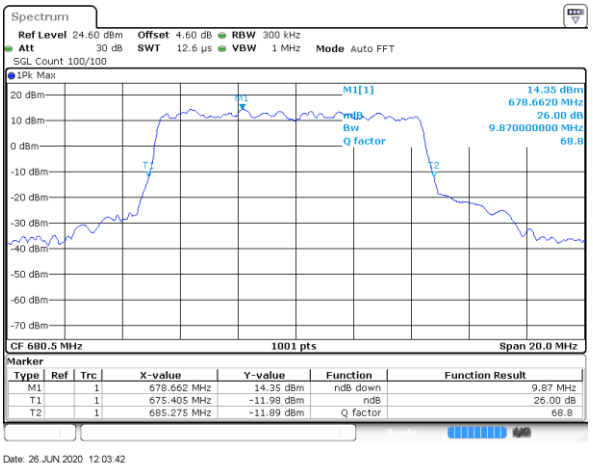


16QAM

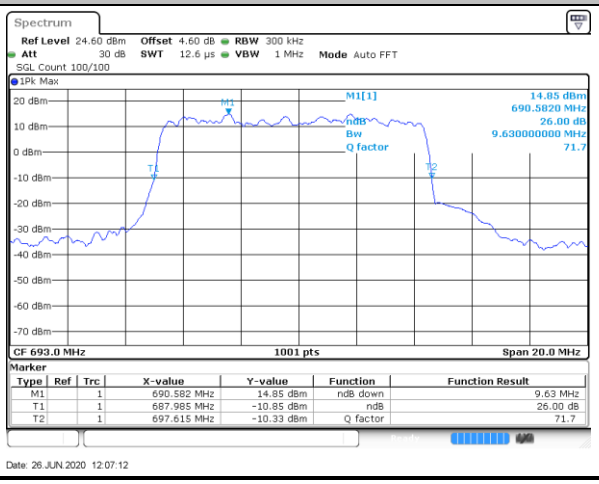
Lowest Channel



Middle Channel



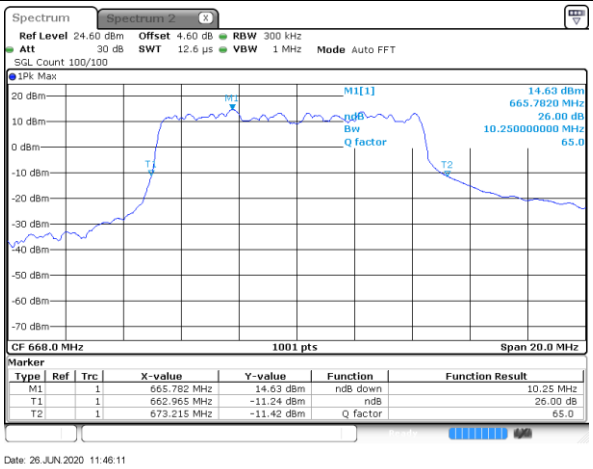
Highest Channel



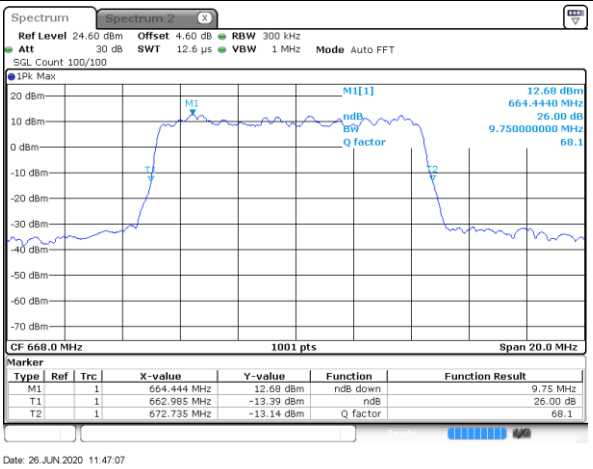
5G NR n71 / 10MHz / DFT-S OFDM

64QAM

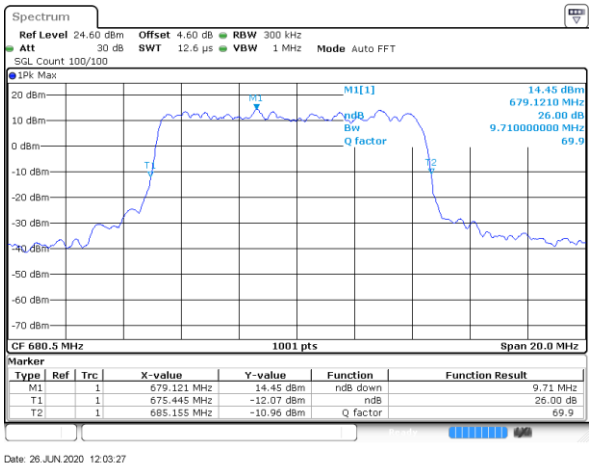
Lowest Channel



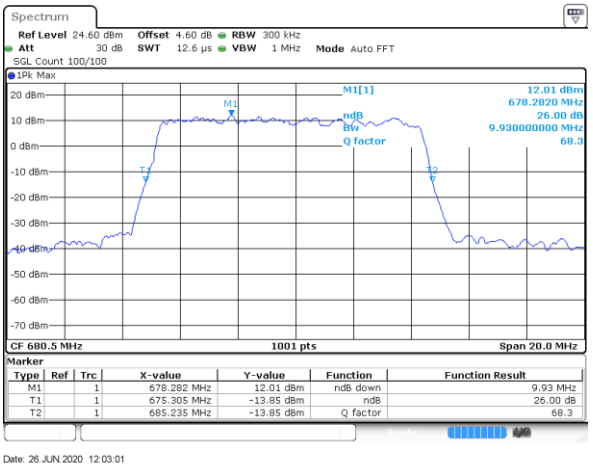
Lowest Channel



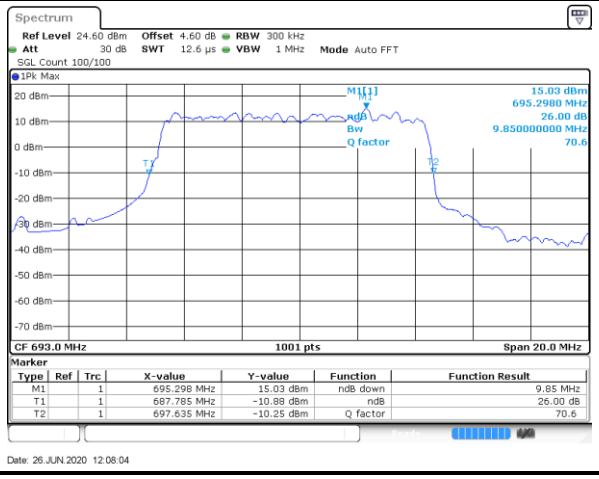
Middle Channel



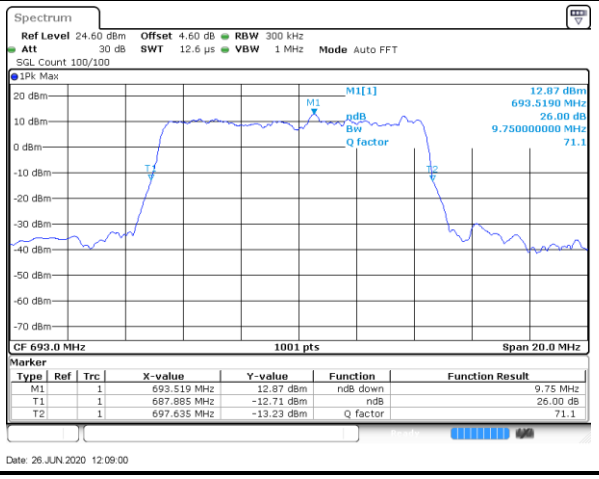
Middle Channel



Highest Channel



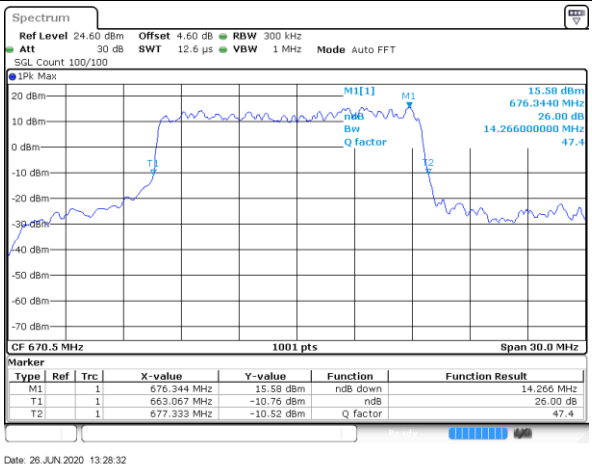
Highest Channel



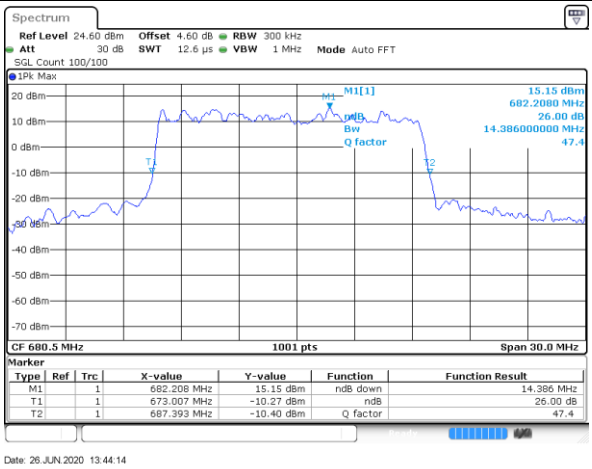
5G NR n71 / 15MHz / DFT-S OFDM

PI / BPSK

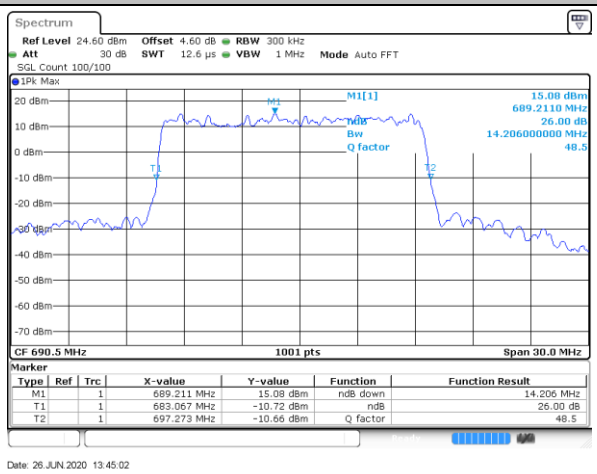
Lowest Channel



Middle Channel



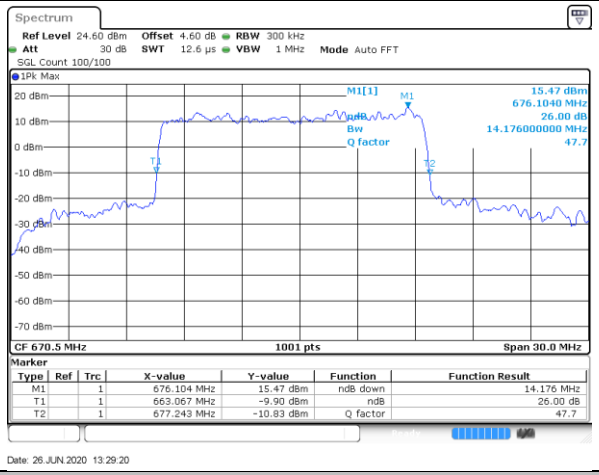
Highest Channel



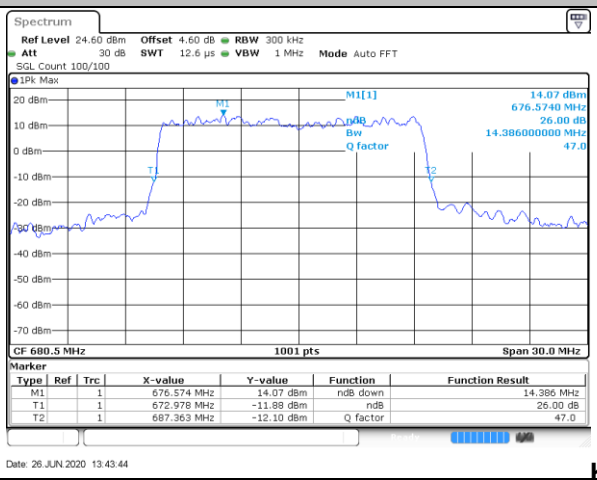
5G NR n71 / 15MHz / DFT-S OFDM

QPSK

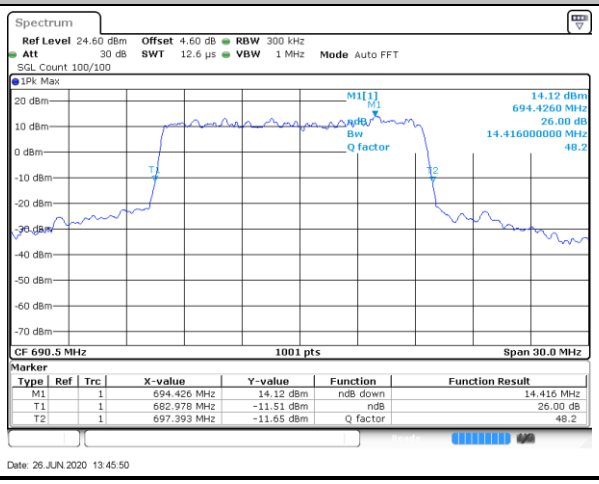
Lowest Channel



Middle Channel

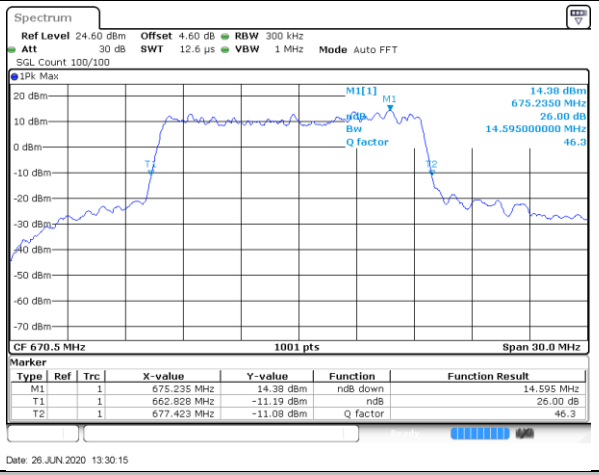


Highest Channel

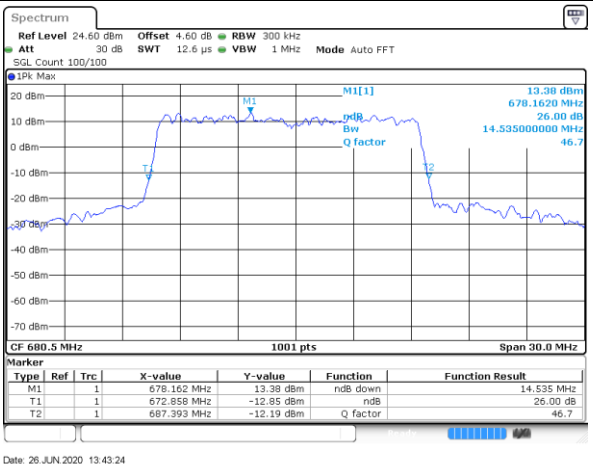


16QAM

Lowest Channel

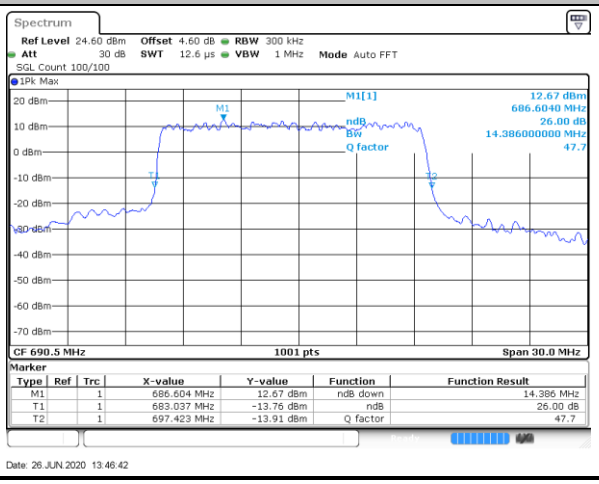


Middle Channel



K

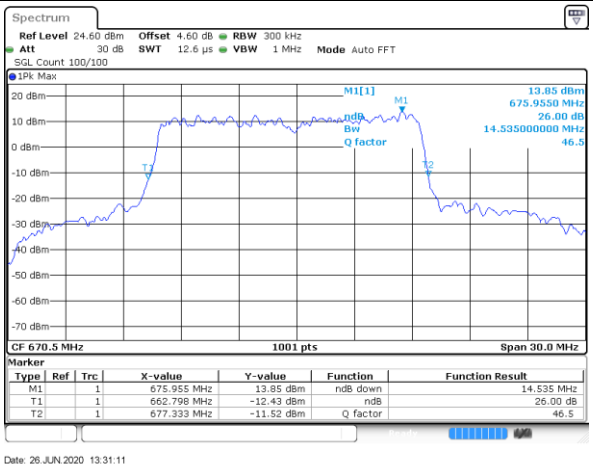
Highest Channel



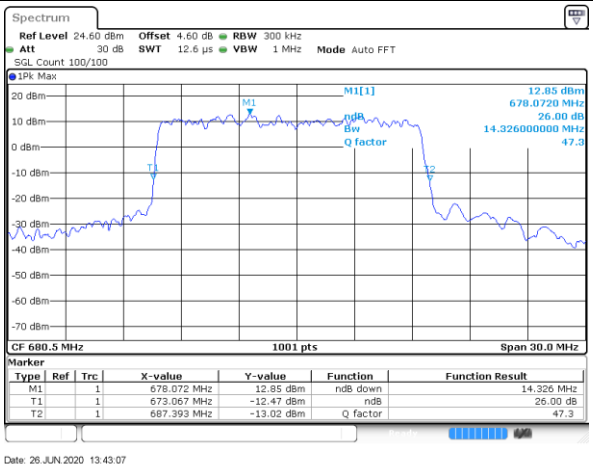
5G NR n71 / 15MHz / DFT-S OFDM

64QAM

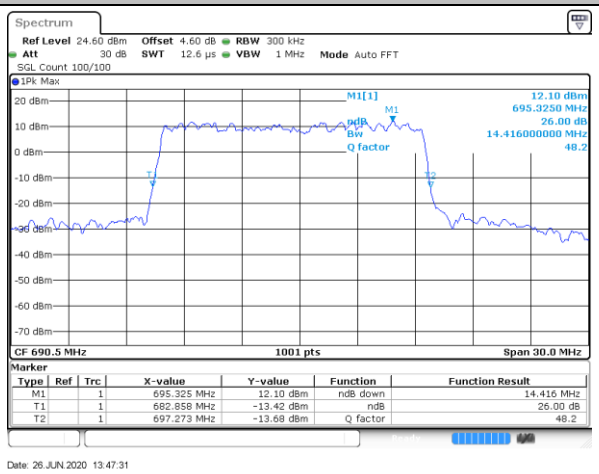
Lowest Channel



Middle Channel

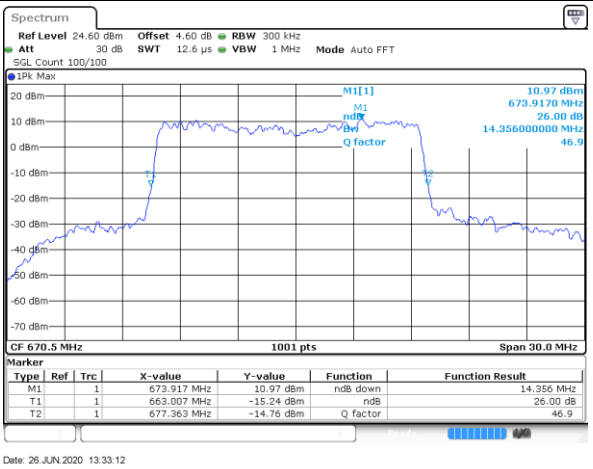


Highest Channel

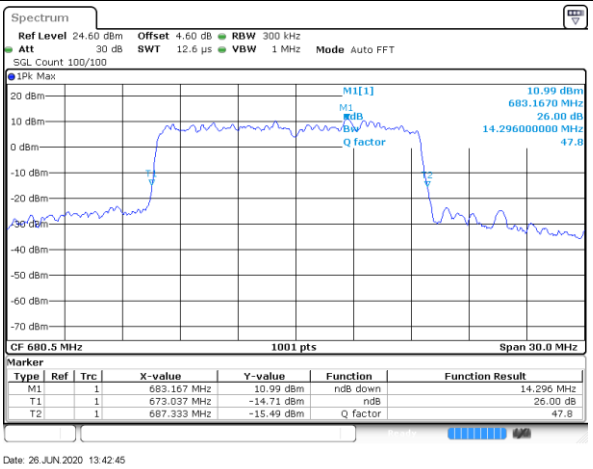


256QAM

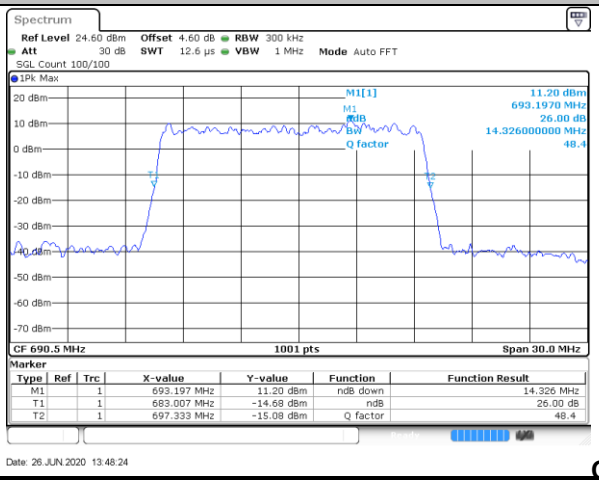
Lowest Channel



Middle Channel



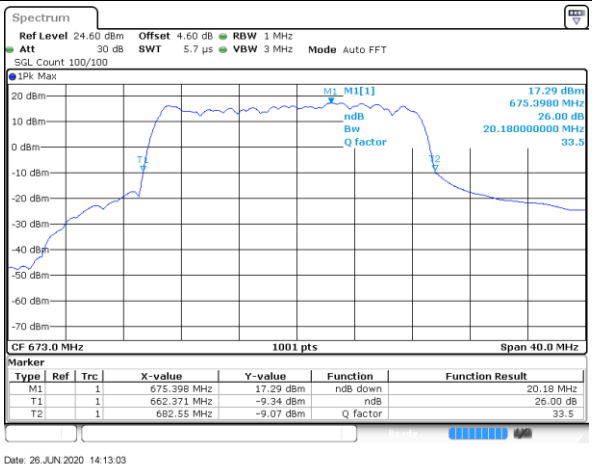
Highest Channel



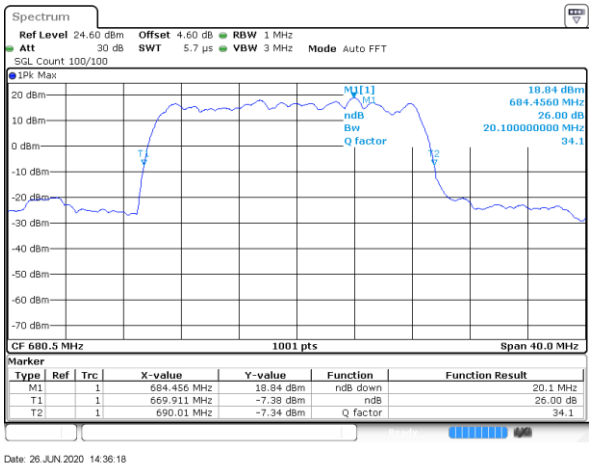
5G NR n71 / 20MHz / DFT-S OFDM

PI / BPSK

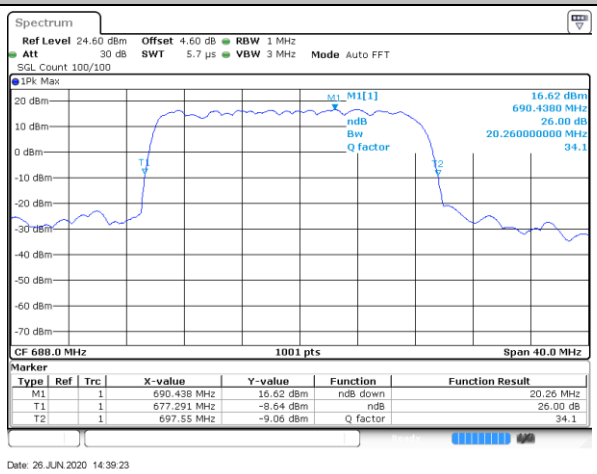
Lowest Channel



Middle Channel



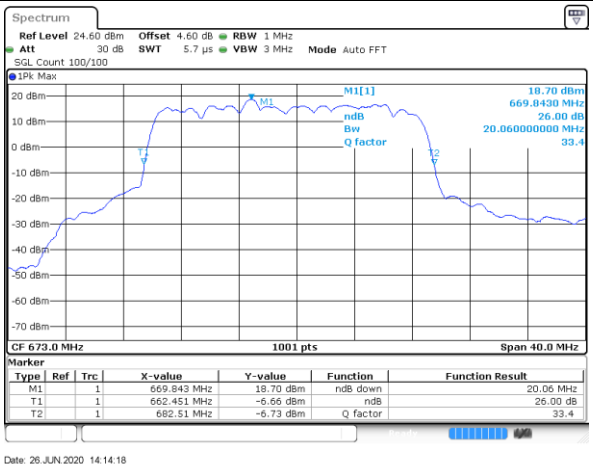
Highest Channel



5G NR n71 / 20MHz / DFT-S OFDM

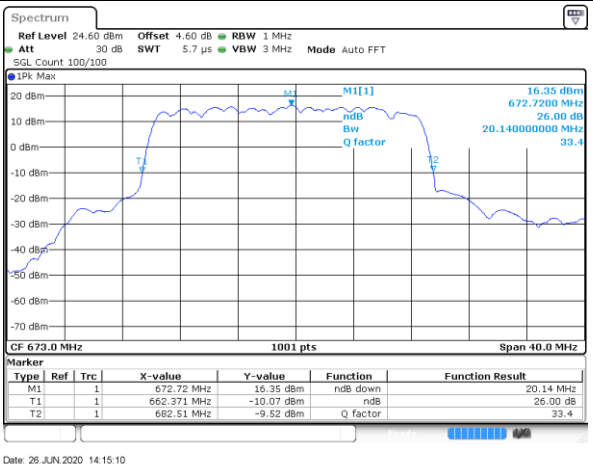
QPSK

Lowest Channel

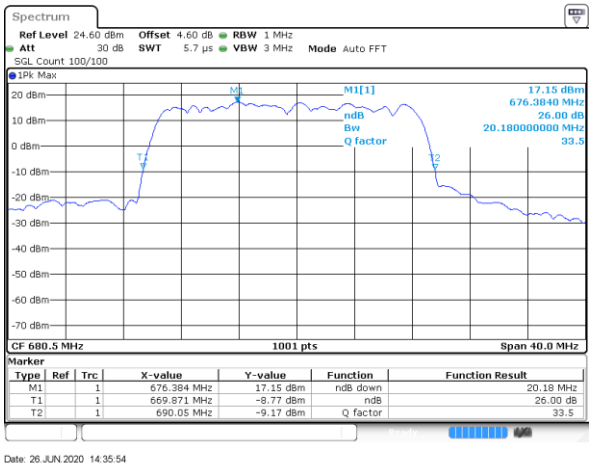


16QAM

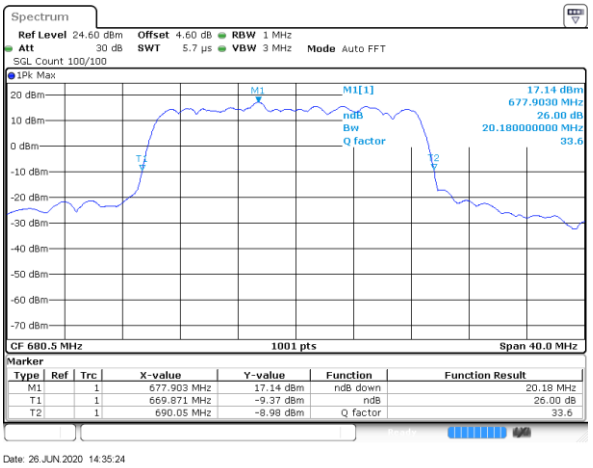
Lowest Channel



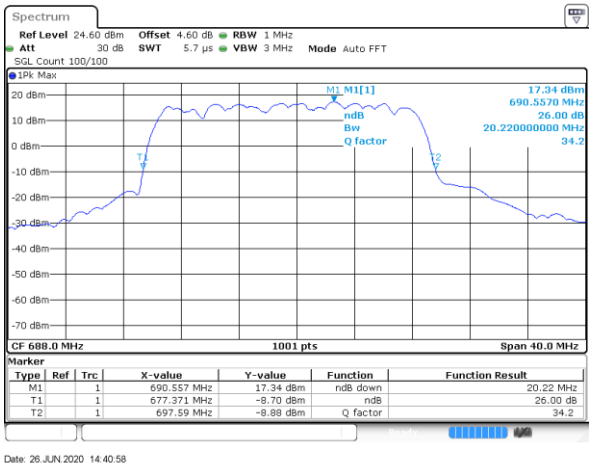
Middle Channel



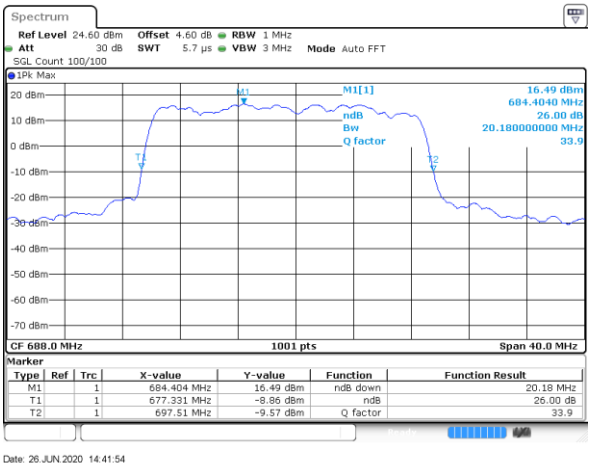
Middle Channel



Highest Channel



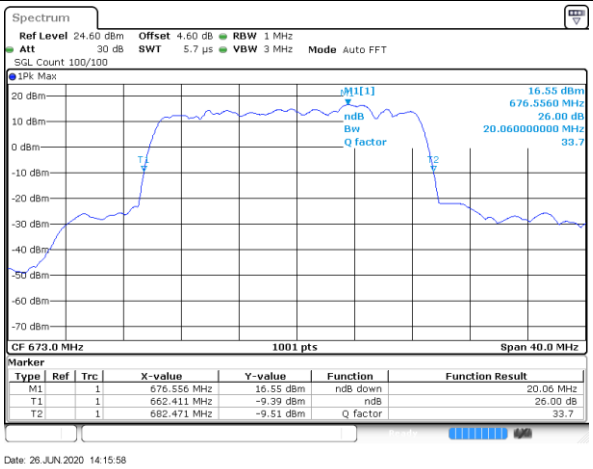
Highest Channel



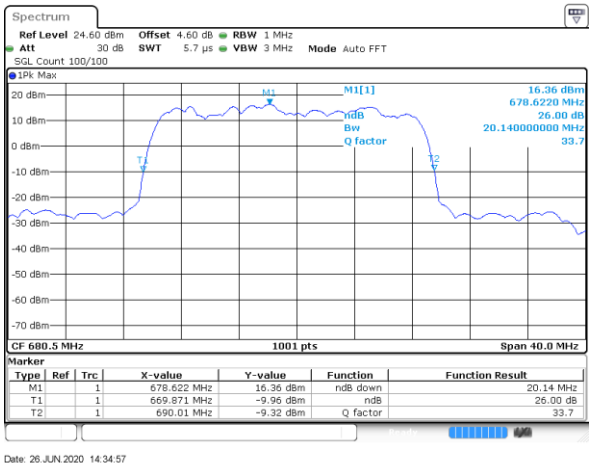
5G NR n71 / 20MHz / DFT-S OFDM

64QAM

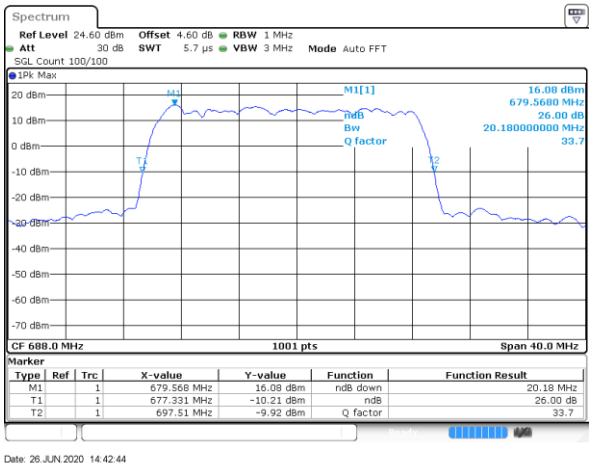
Lowest Channel



Middle Channel

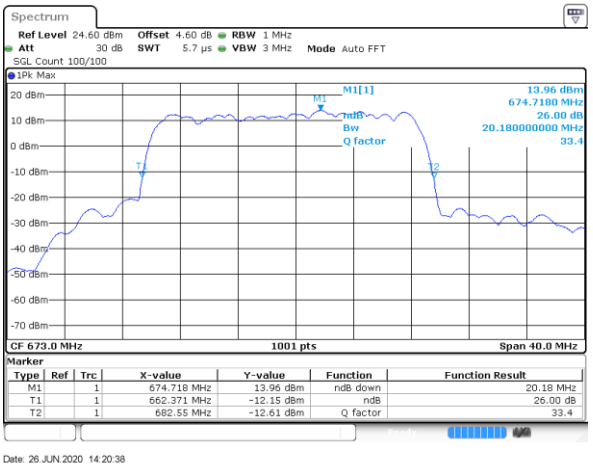


Highest Channel

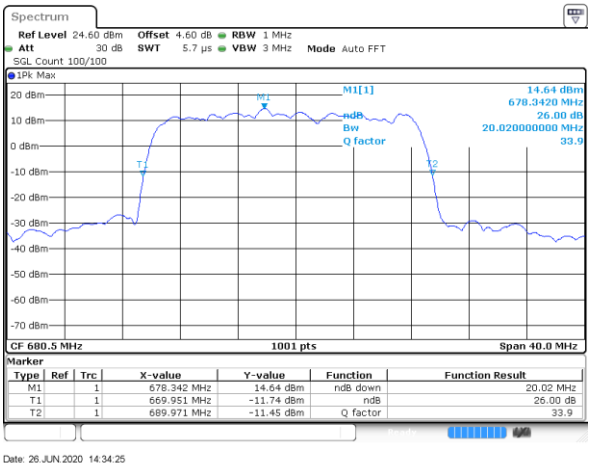


256QAM

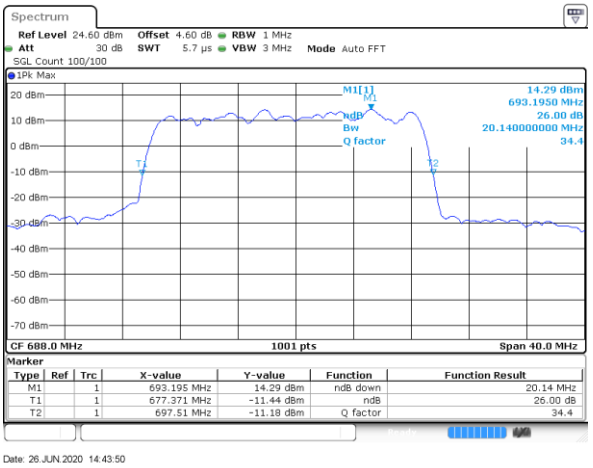
Lowest Channel



Middle Channel



Highest Channel



Occupied Bandwidth

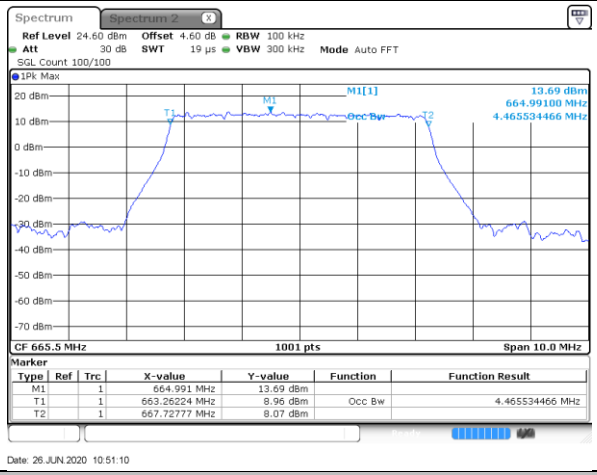
Mode	5G NR n71 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI / BPSK		PI / BPSK		PI / BPSK		PI / BPSK	
Lowest CH	4.47		9.03		13.49		18.26	
Middle CH	4.47		9.03		13.49		18.38	
Highest CH	4.46		9.07		13.46		18.26	

Mode	5G NR n71 : 99%OBW (MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.47	4.49	9.05	9.03	13.46	13.52	18.18	18.38
Middle CH	4.50	4.51	9.05	9.05	13.49	13.52	18.30	18.58
Highest CH	4.52	4.50	9.05	9.05	13.46	13.55	18.26	18.38
Mode	5G NR n71 : 99%OBW (MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	4.50	4.47	9.03	9.05	13.49	13.52	18.30	18.30
Middle CH	4.49	4.47	9.03	9.01	13.46	13.52	18.22	18.34
Highest CH	4.49	4.48	9.03	9.05	13.43	13.49	18.30	18.34

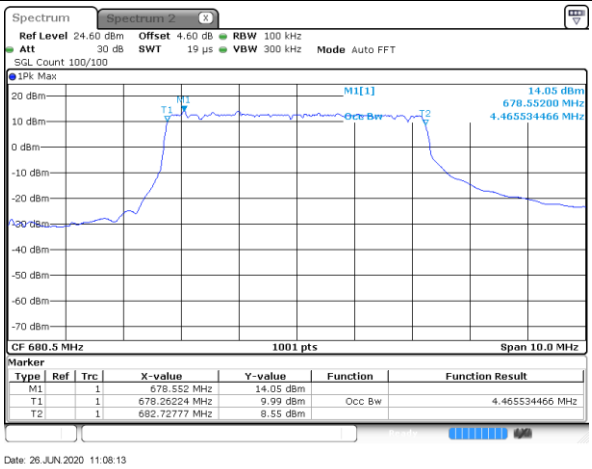
5G NR n71 / 5MHz / DFT-S OFDM

PI / BPSK

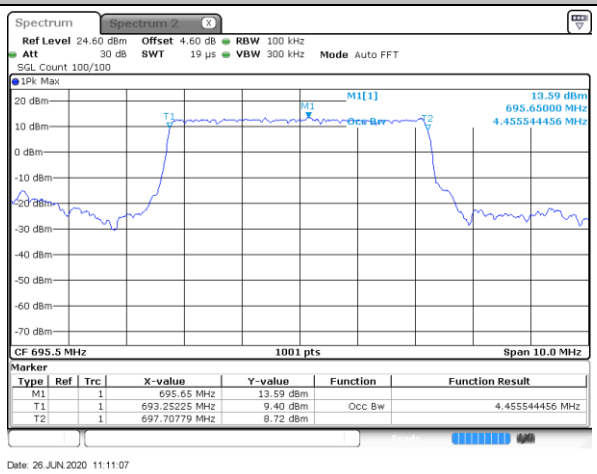
Lowest Channel



Middle Channel



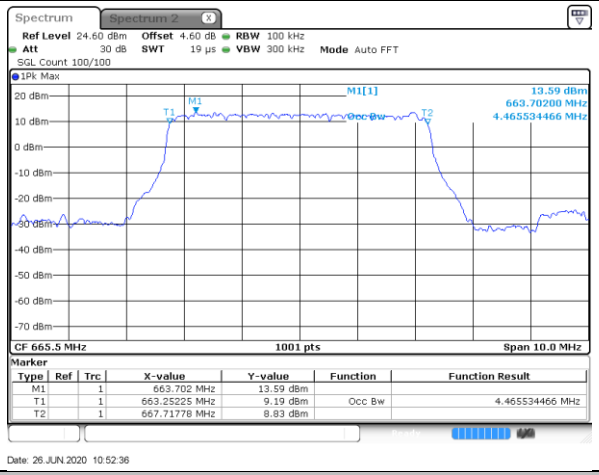
Highest Channel



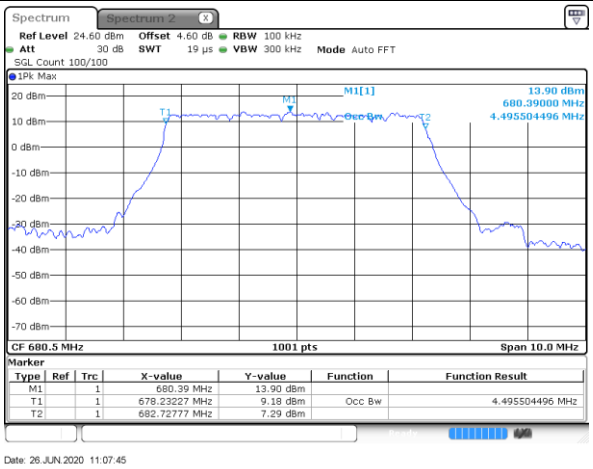
5G NR n71 / 5MHz / DFT-S OFDM

QPSK

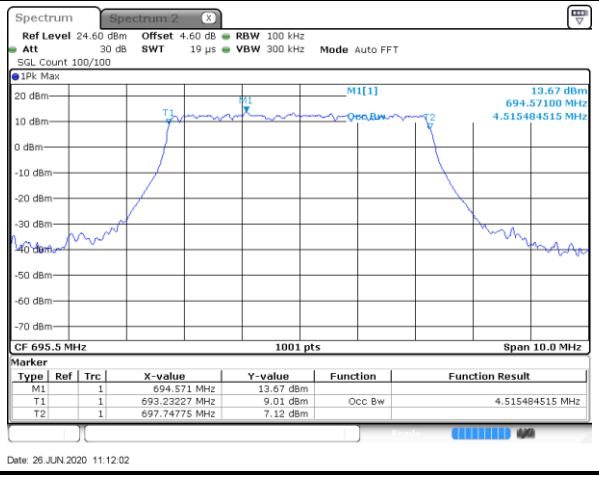
Lowest Channel



Middle Channel

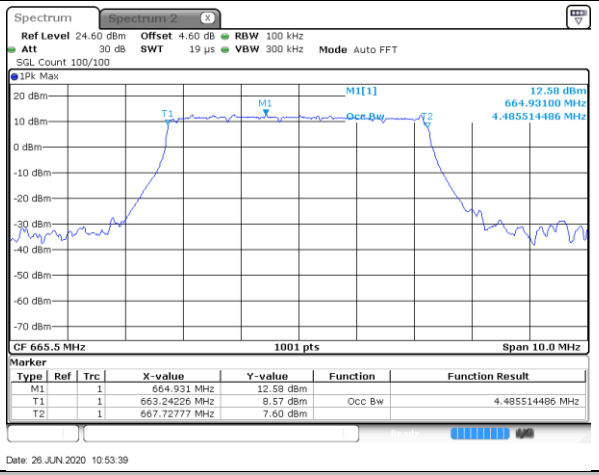


Highest Channel

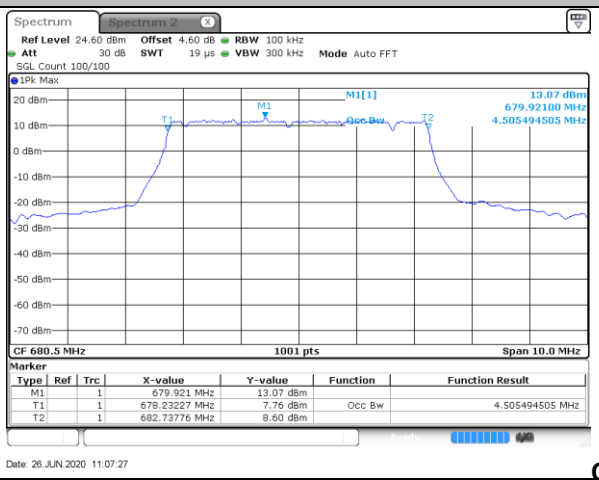


16QAM

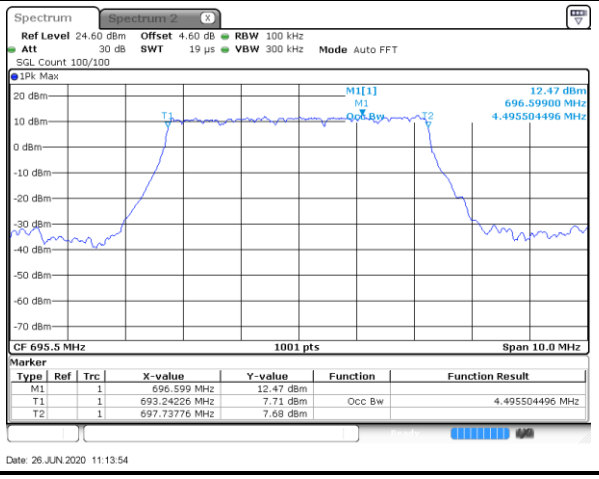
Lowest Channel



Middle Channel



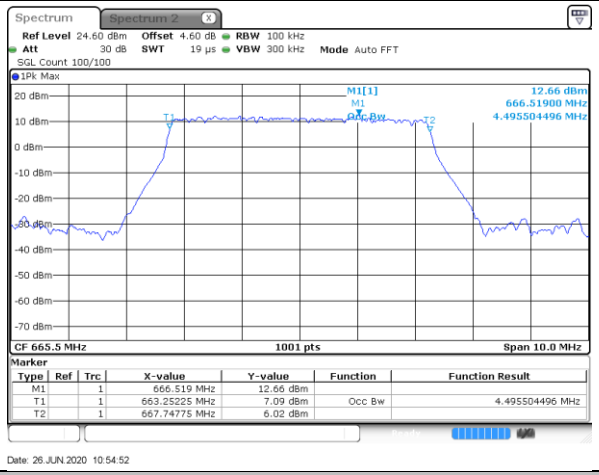
Highest Channel



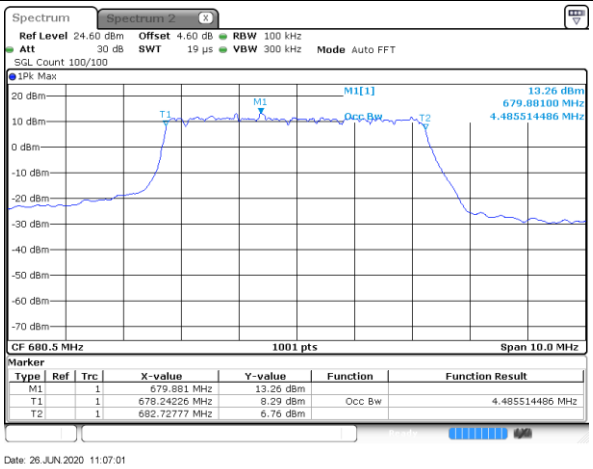
5G NR n71 / 5MHz / DFT-S OFDM

64QAM

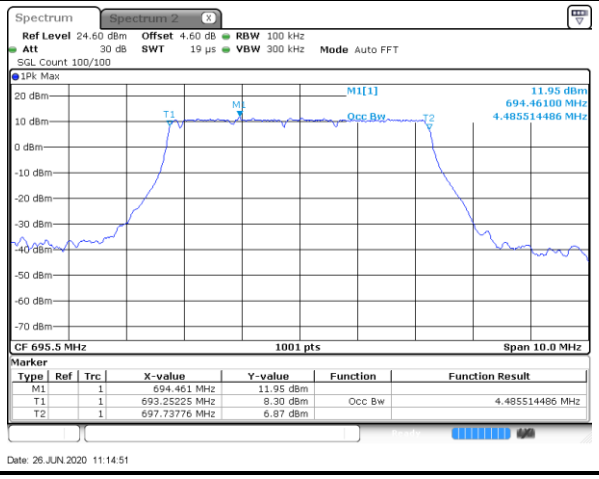
Lowest Channel



Middle Channel

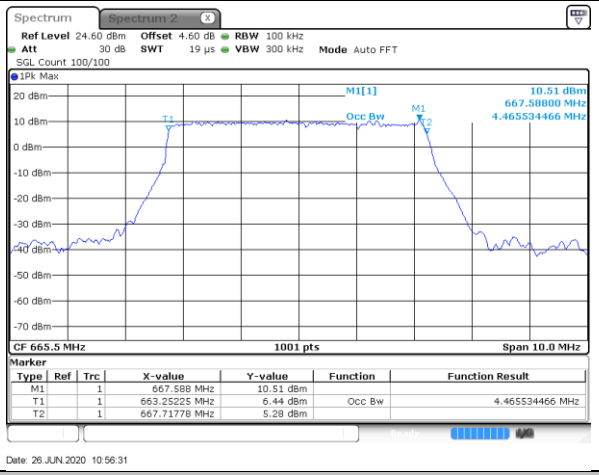


Highest Channel

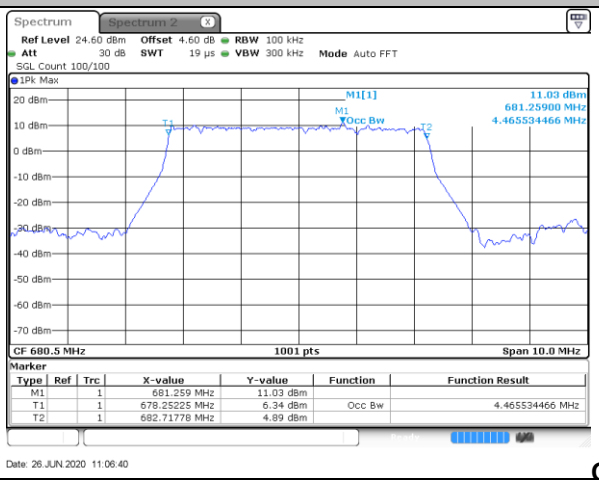


256QAM

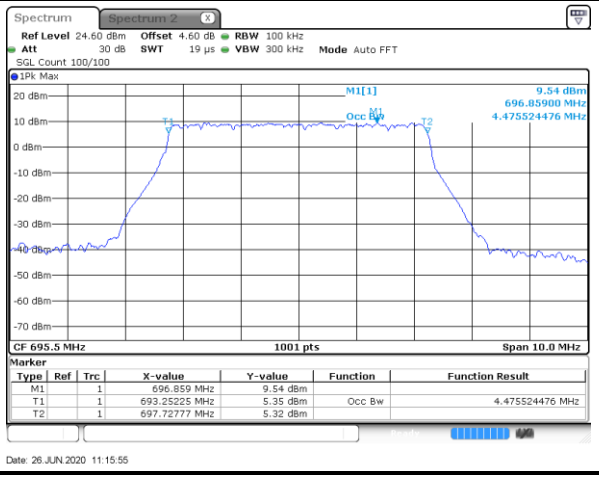
Lowest Channel



Middle Channel



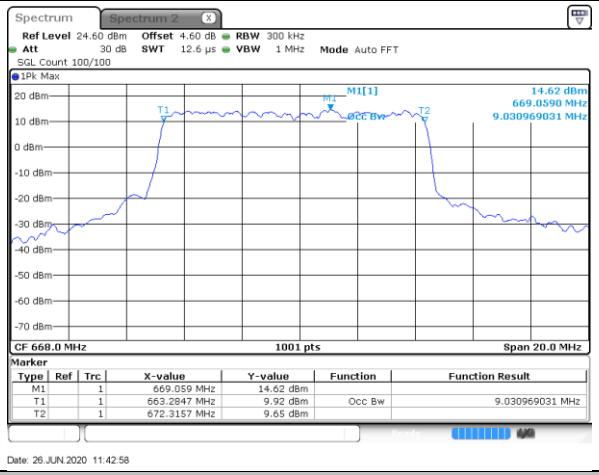
Highest Channel



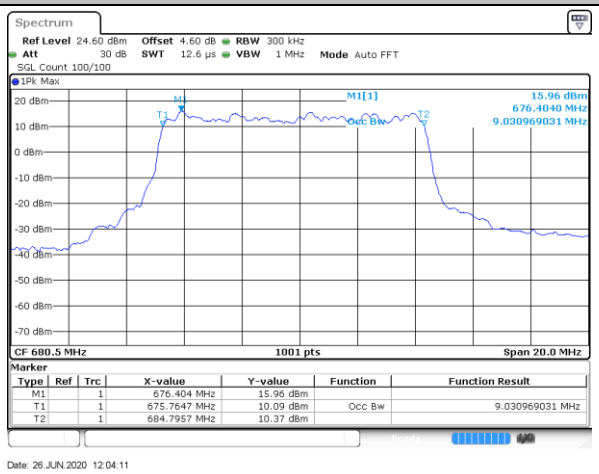
5G NR n71 / 10MHz / DFT-S OFDM

PI / BPSK

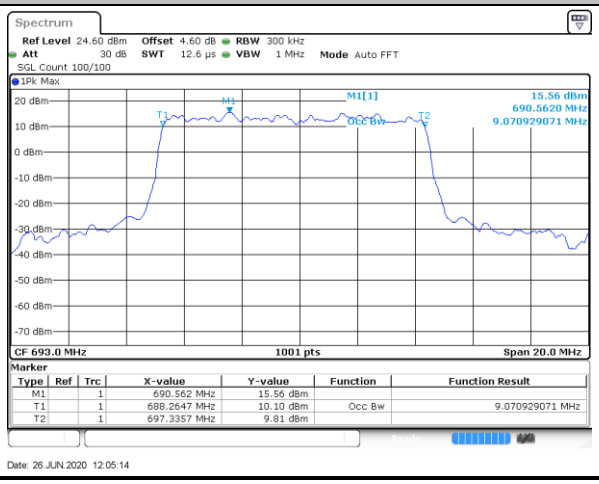
Lowest Channel



Middle Channel



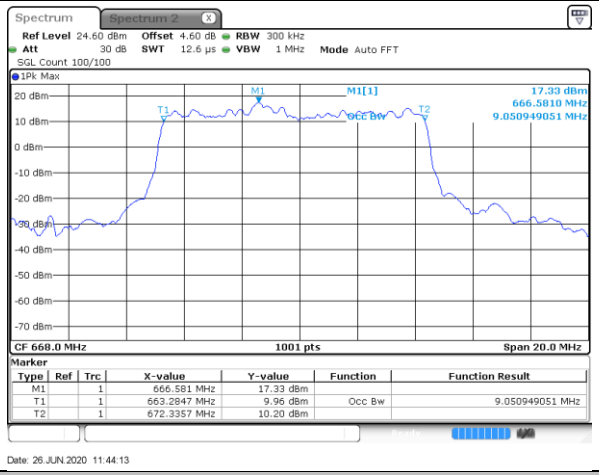
Highest Channel



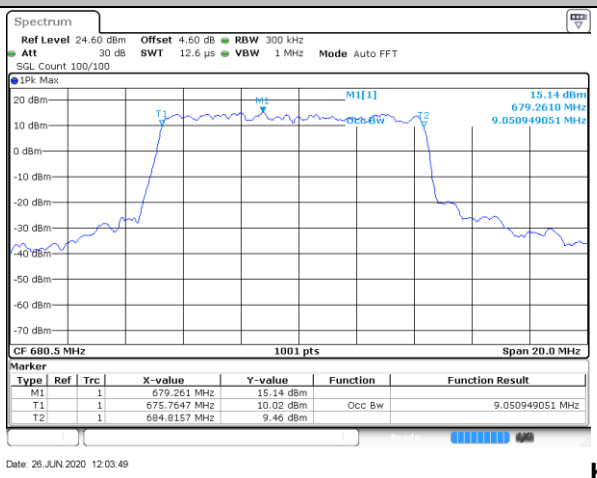
5G NR n71 / 10MHz / DFT-S OFDM

QPSK

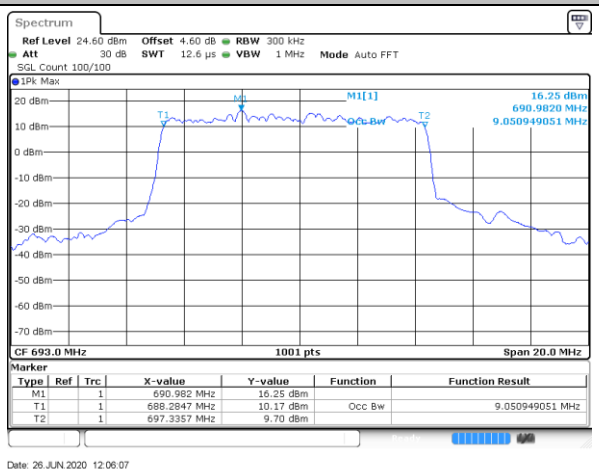
Lowest Channel



Middle Channel

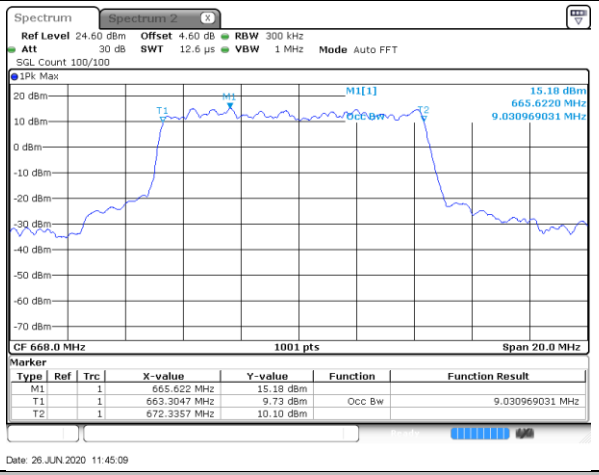


Highest Channel

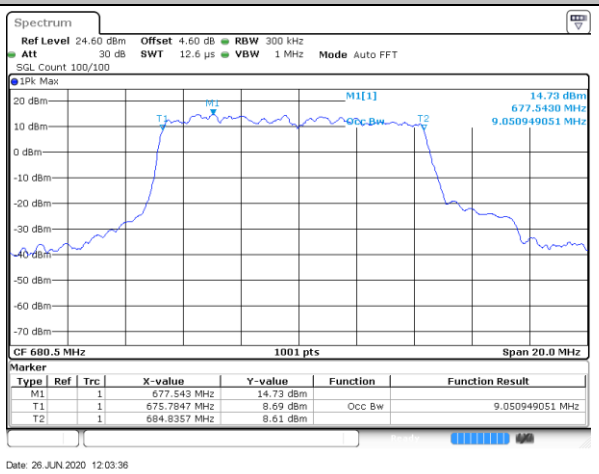


16QAM

Lowest Channel

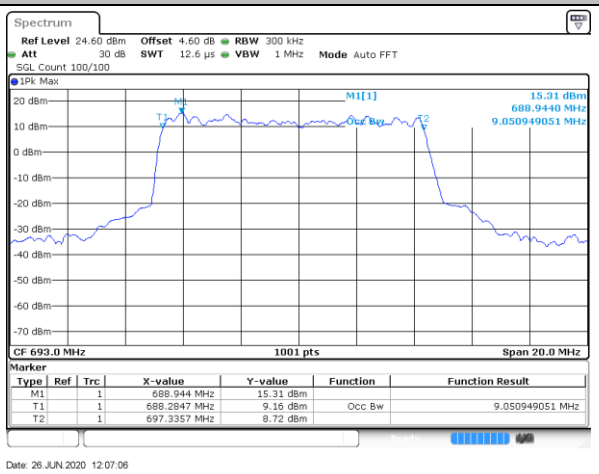


Middle Channel



K

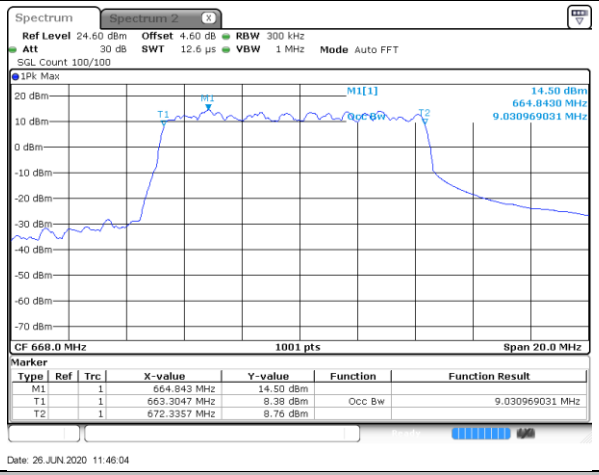
Highest Channel



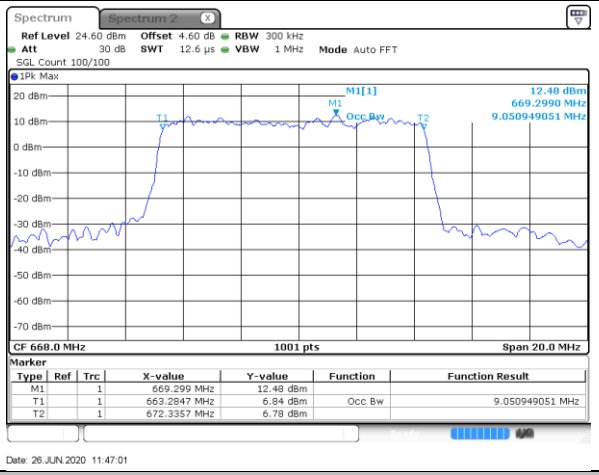
5G NR n71 / 10MHz / DFT-S OFDM

64QAM

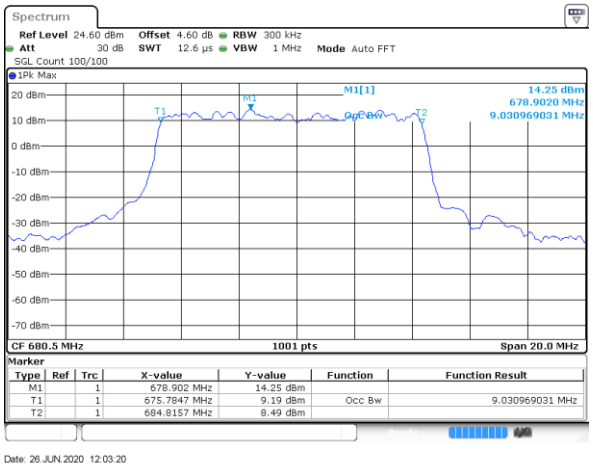
Lowest Channel



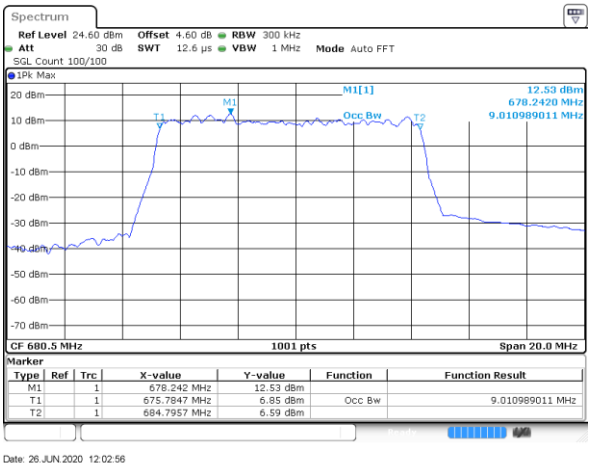
Lowest Channel



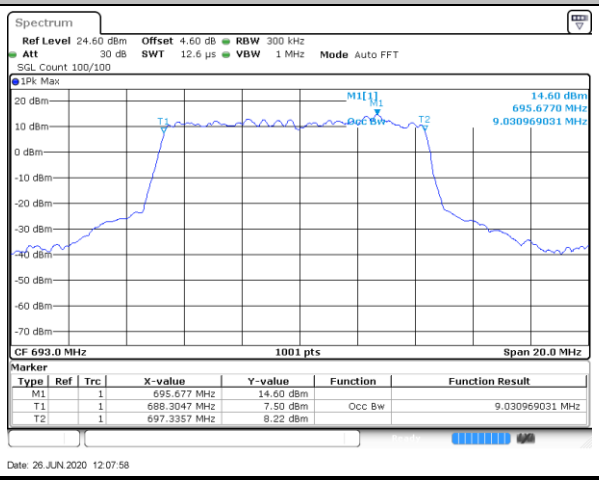
Middle Channel



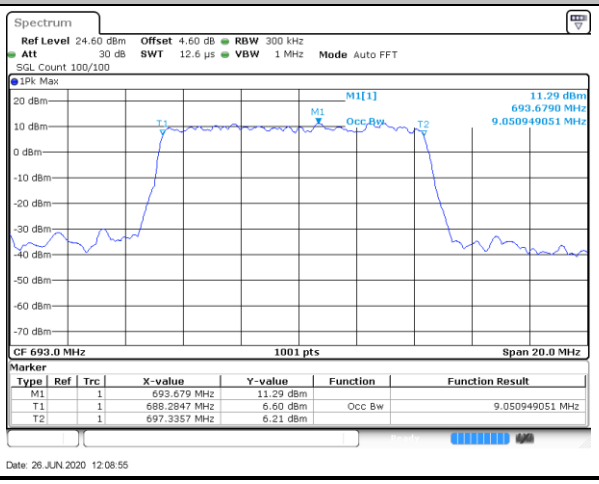
Middle Channel



Highest Channel



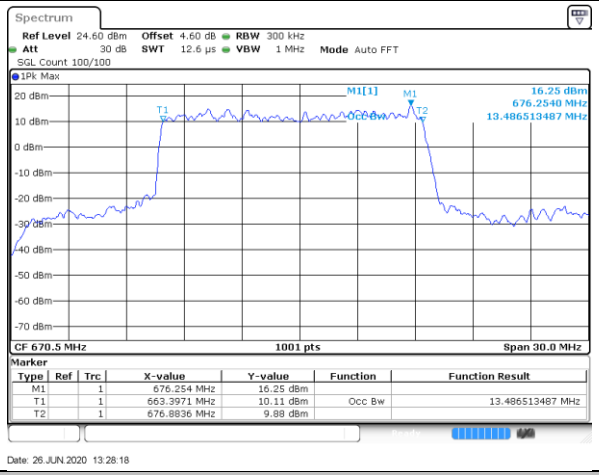
Highest Channel



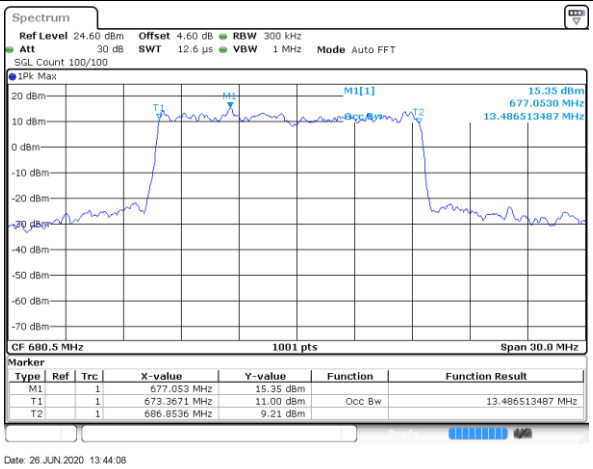
5G NR n71 / 15MHz / DFT-S OFDM

PI / BPSK

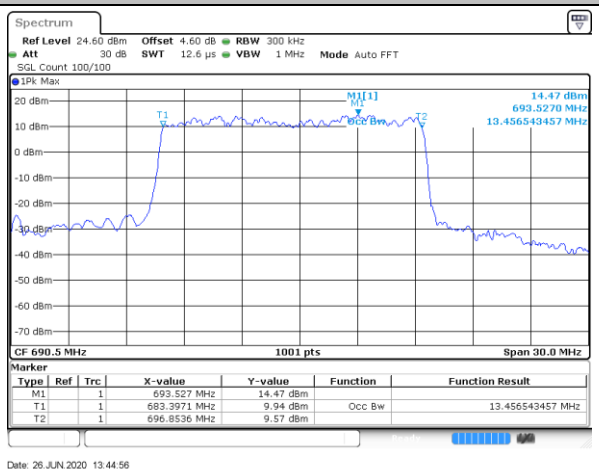
Lowest Channel



Middle Channel



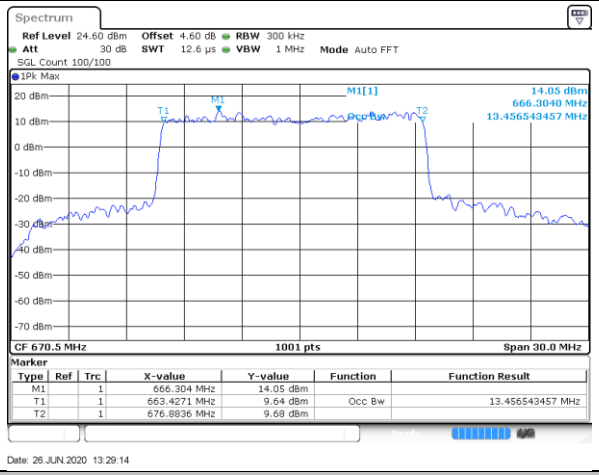
Highest Channel



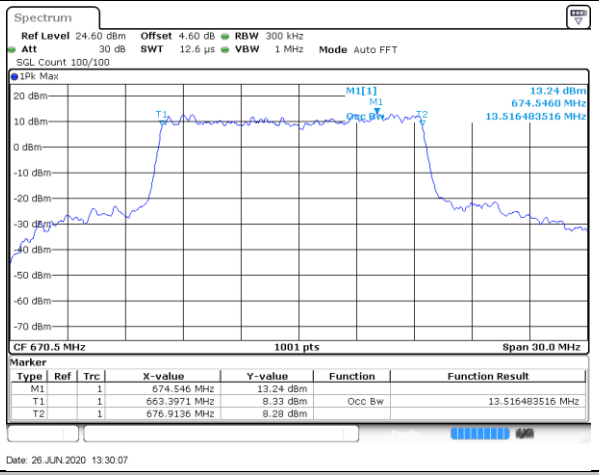
5G NR n71 / 15MHz / DFT-S OFDM

QPSK

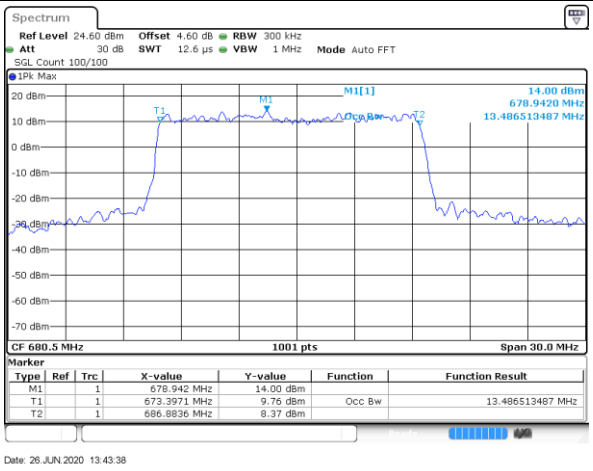
Lowest Channel



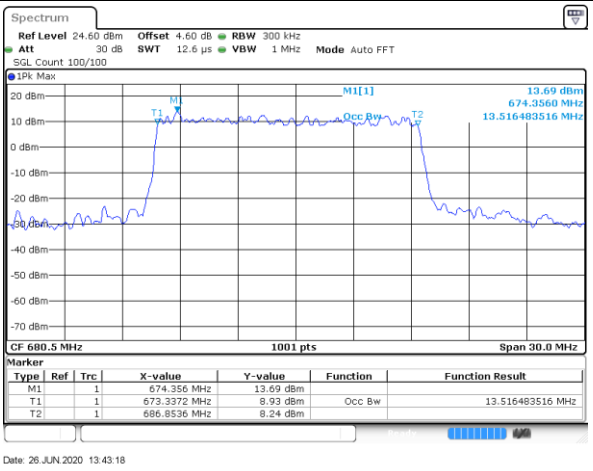
Lowest Channel



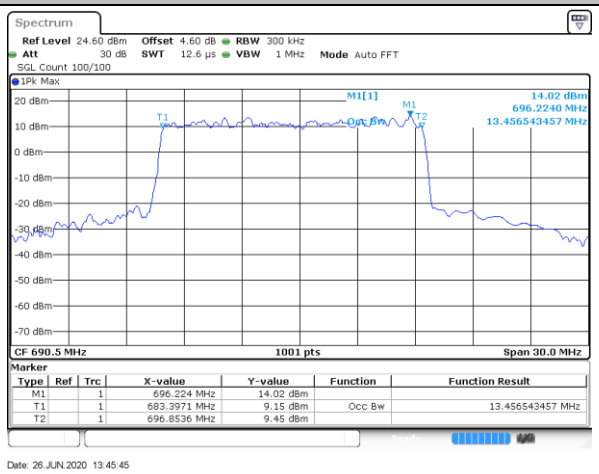
Middle Channel



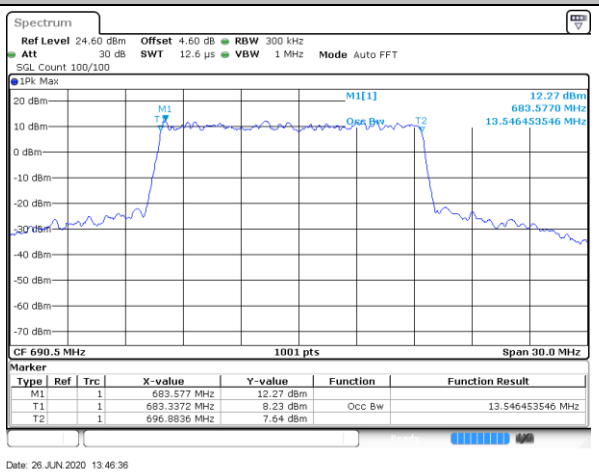
Middle Channel



Highest Channel



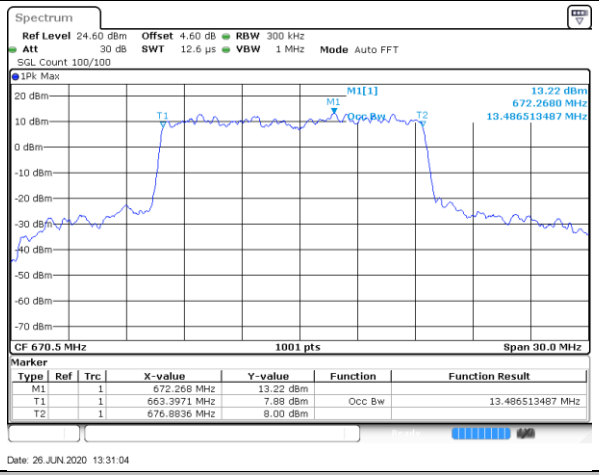
Highest Channel



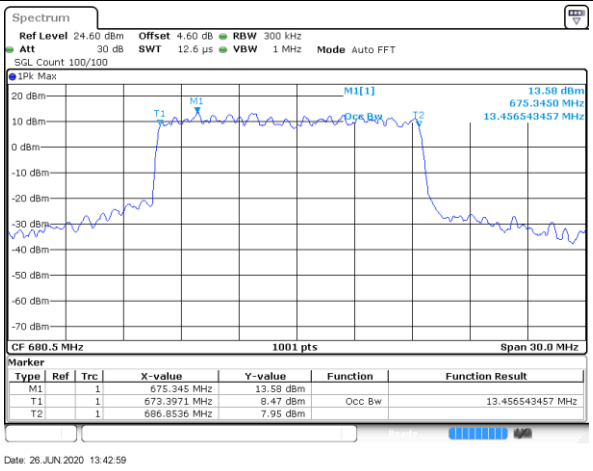
5G NR n71 / 15MHz / DFT-S OFDM

64QAM

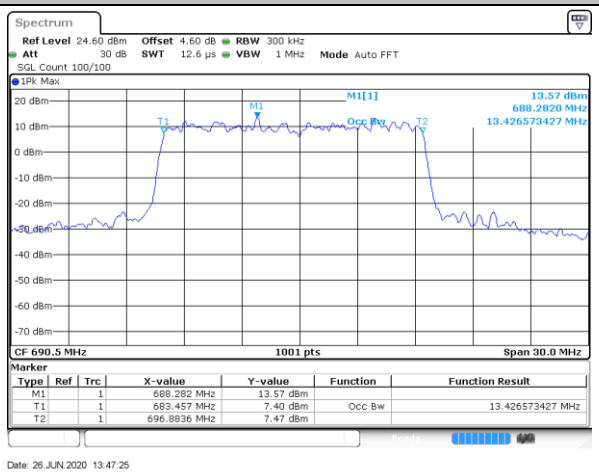
Lowest Channel



Middle Channel

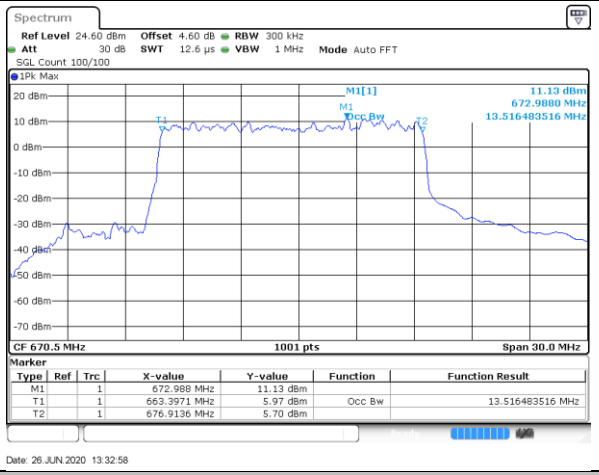


Highest Channel

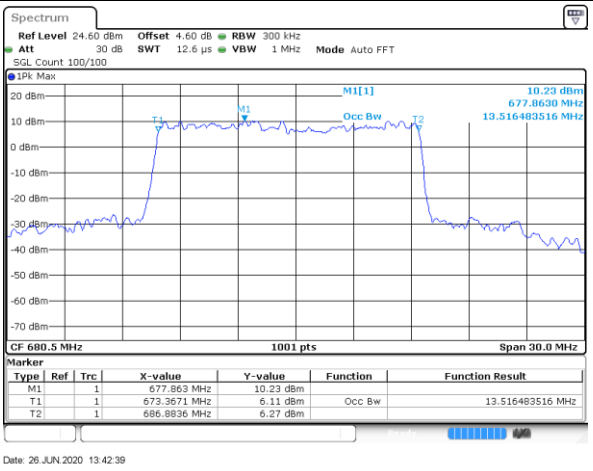


256QAM

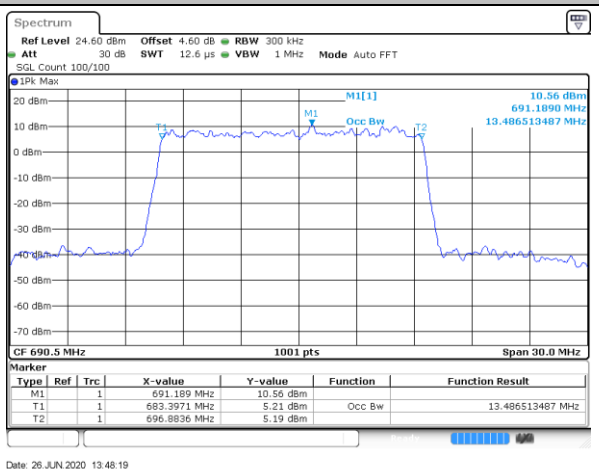
Lowest Channel



Middle Channel



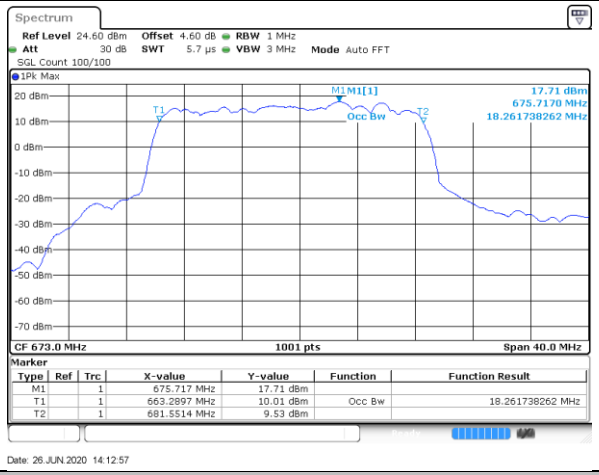
Highest Channel



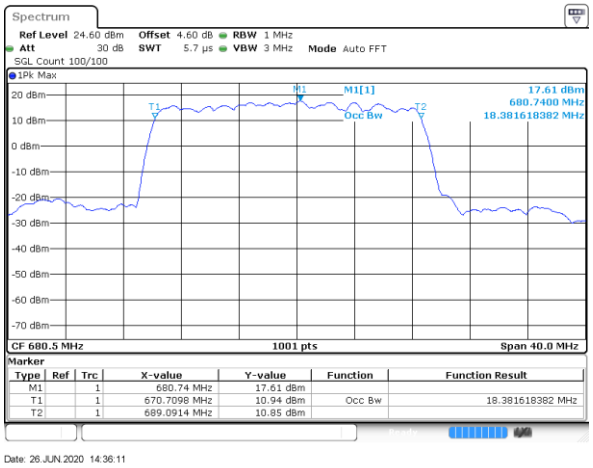
5G NR n71 / 20MHz / DFT-S OFDM

PI / BPSK

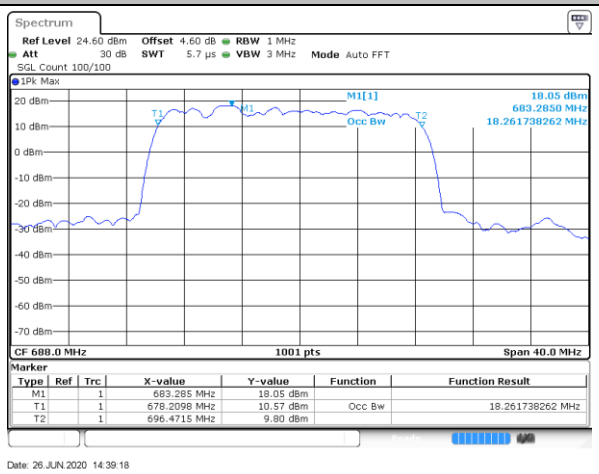
Lowest Channel



Middle Channel



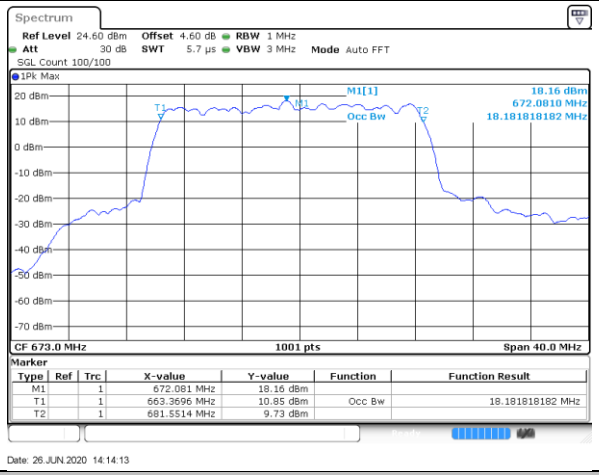
Highest Channel



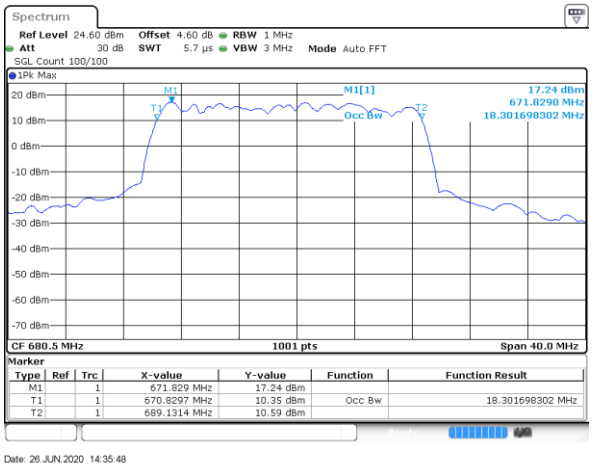
5G NR n71 / 20MHz / DFT-S OFDM

QPSK

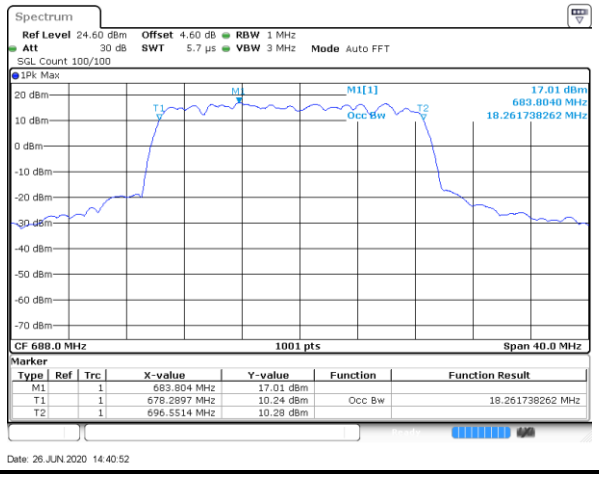
Lowest Channel



Middle Channel

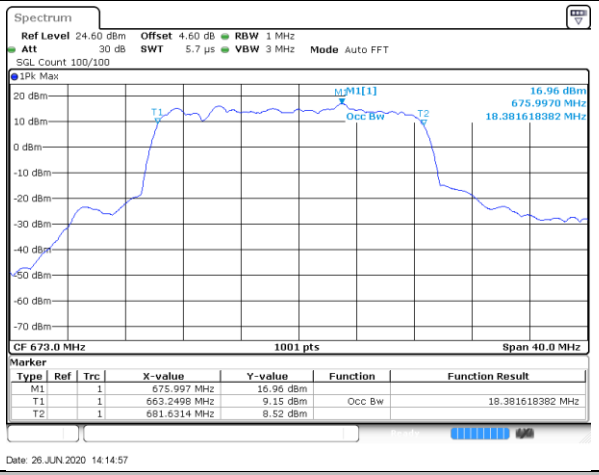


Highest Channel

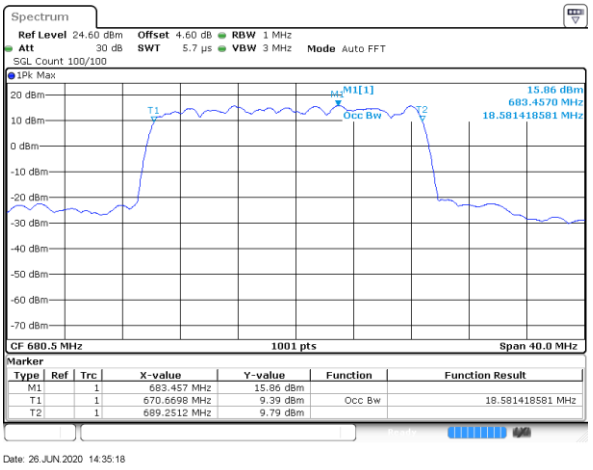


16QAM

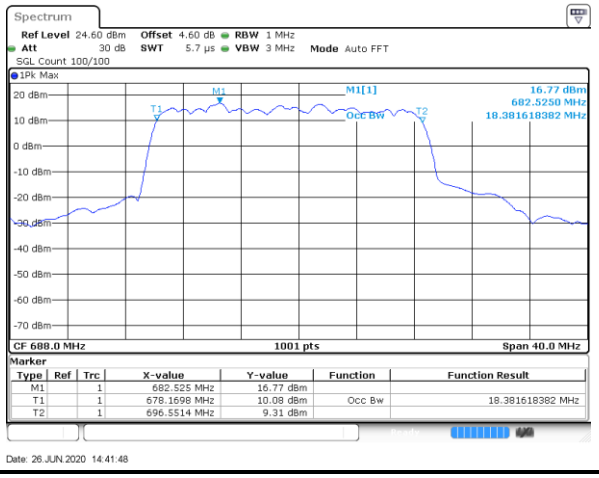
Lowest Channel



Middle Channel



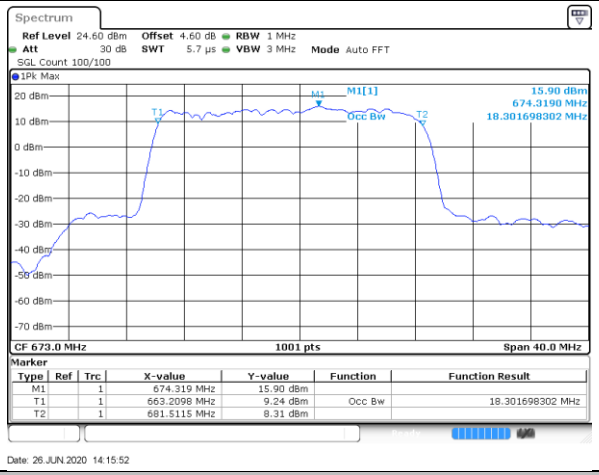
Highest Channel



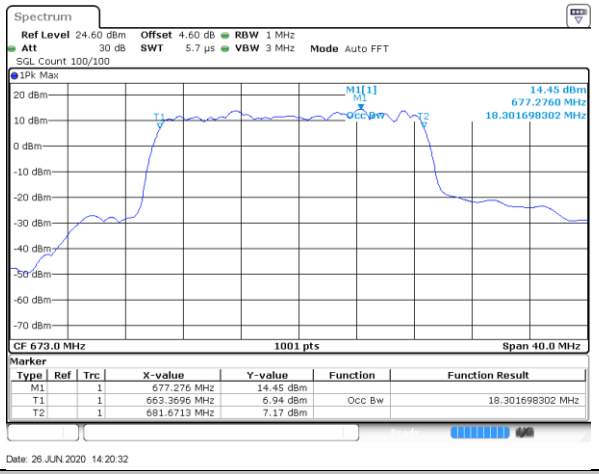
5G NR n71 / 20MHz / DFT-S OFDM

64QAM

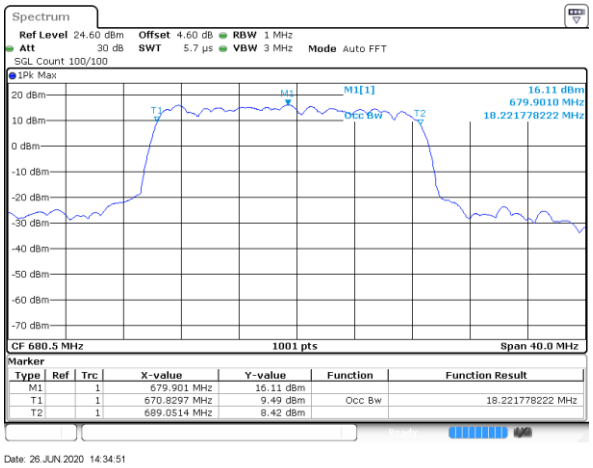
Lowest Channel



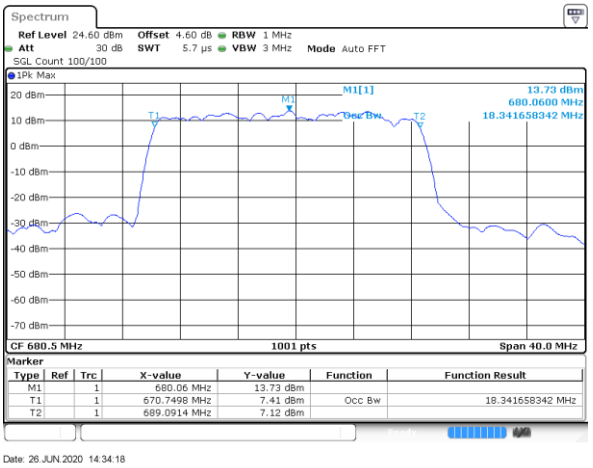
Lowest Channel



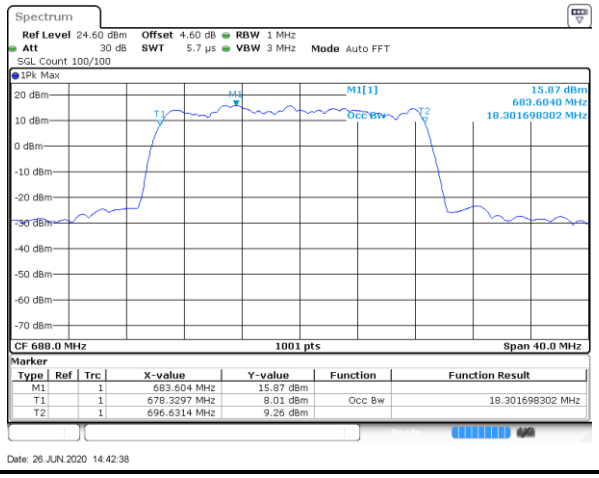
Middle Channel



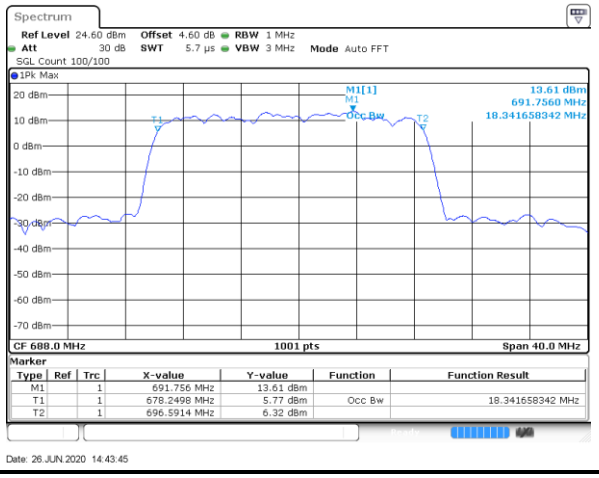
Middle Channel



Highest Channel



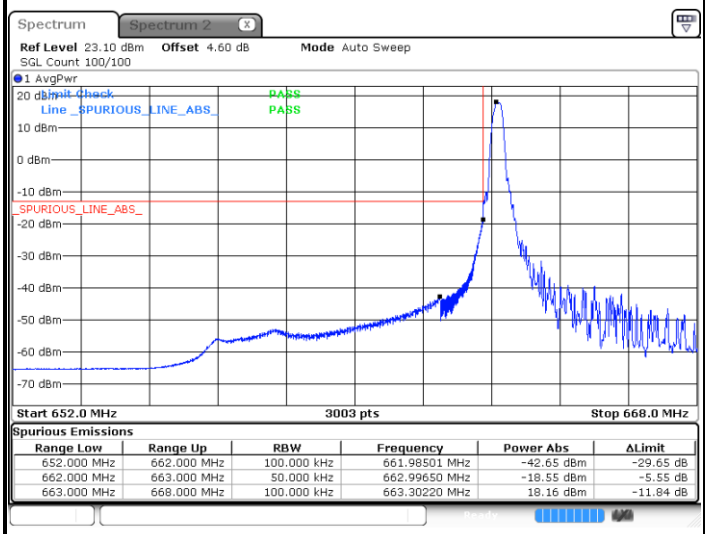
Highest Channel



Conducted Band Edge

5G NR n71 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

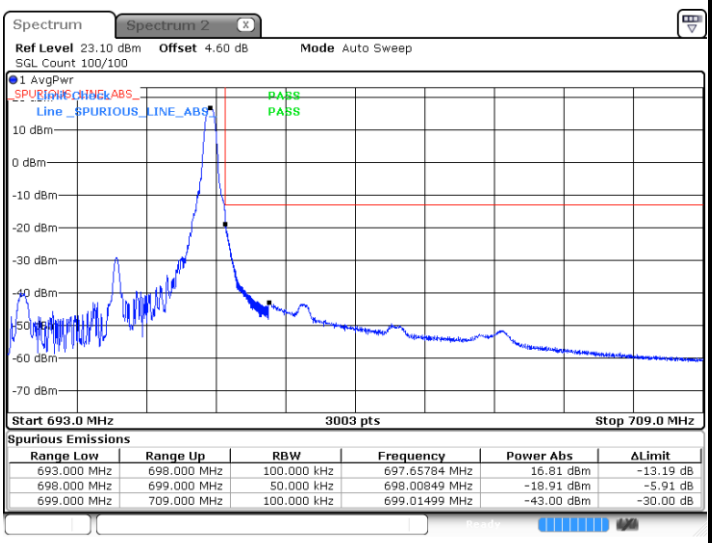


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-42.65 dBm	-29.65 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99650 MHz	-18.55 dBm	-5.55 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.30220 MHz	18.16 dBm	-11.84 dB

Date: 26.JUN.2020 11:03:16

Highest Band Edge / 1RBMAX

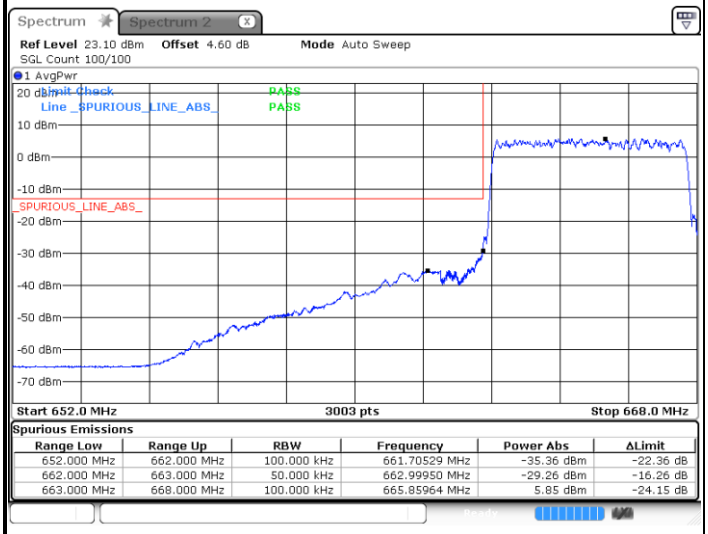


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.65784 MHz	16.81 dBm	-13.19 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00849 MHz	-18.91 dBm	-5.91 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-43.00 dBm	-30.00 dB

Date: 26.JUN.2020 11:26:00

Lowest Band Edge / Full RB

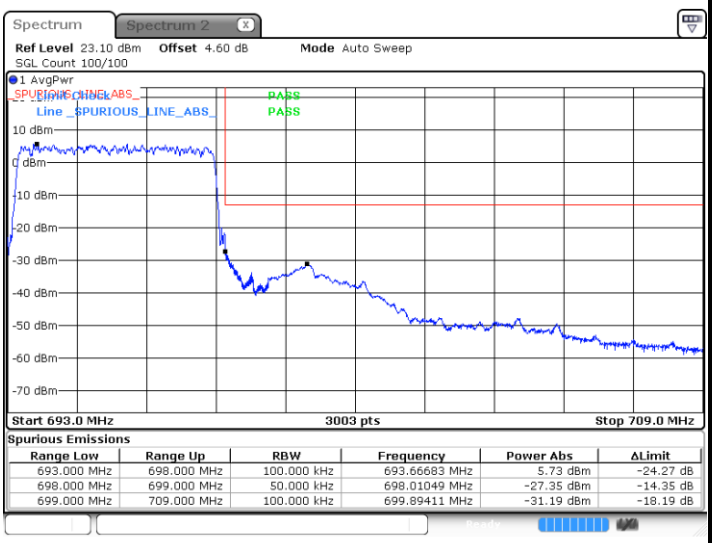


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.70529 MHz	-35.36 dBm	-22.36 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99950 MHz	-29.26 dBm	-16.26 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.85964 MHz	5.85 dBm	-24.15 dB

Date: 26.JUN.2020 10:52:21

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.66683 MHz	5.73 dBm	-24.27 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.01049 MHz	-27.35 dBm	-14.35 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.89411 MHz	-31.19 dBm	-18.19 dB

Date: 26.JUN.2020 11:11:50