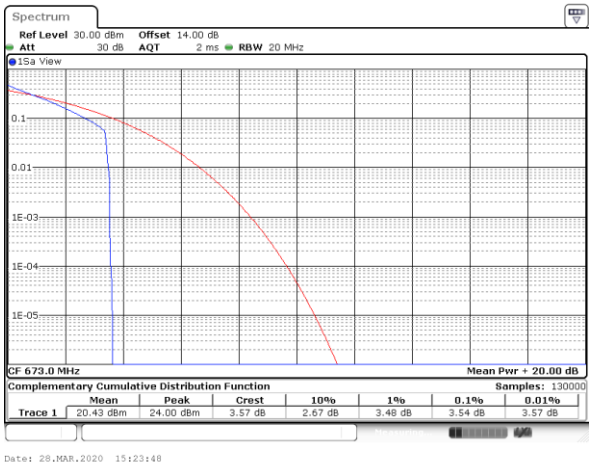
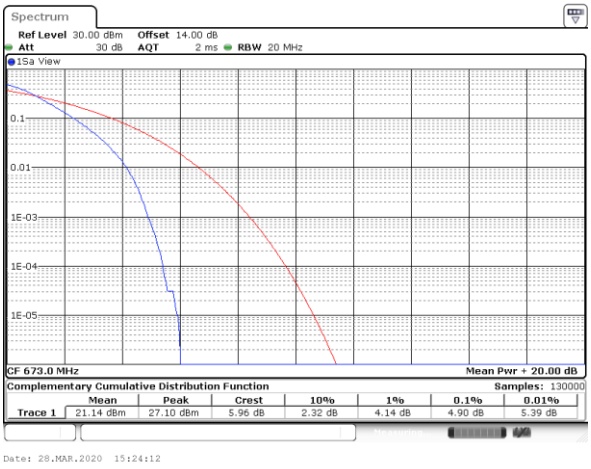
LTE Band 71 / 20MHz / QPSK

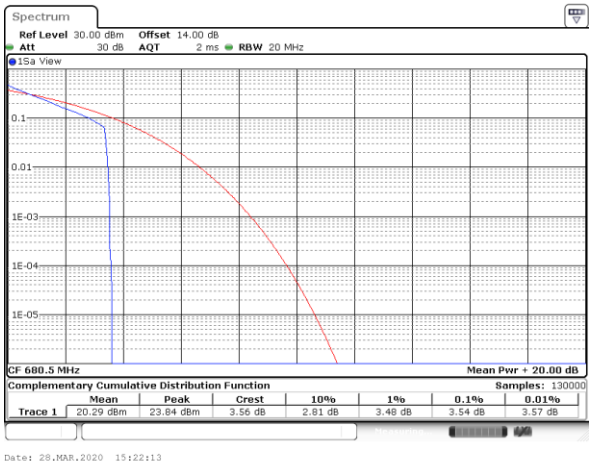
Lowest Channel / 1RB



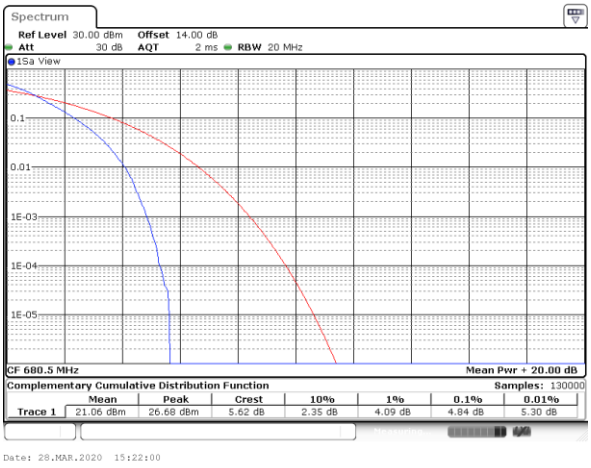
Lowest Channel / Full RB



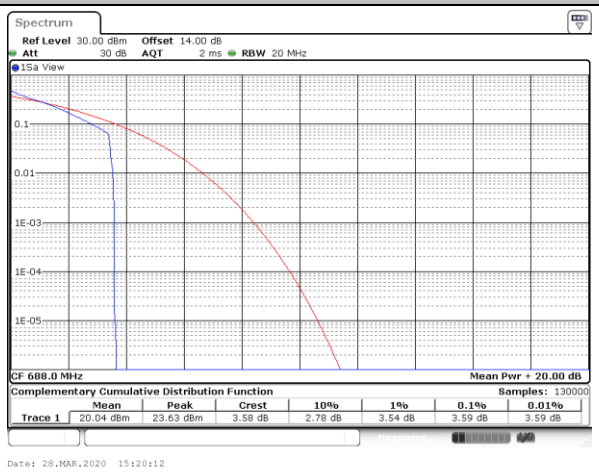
Middle Channel / 1RB



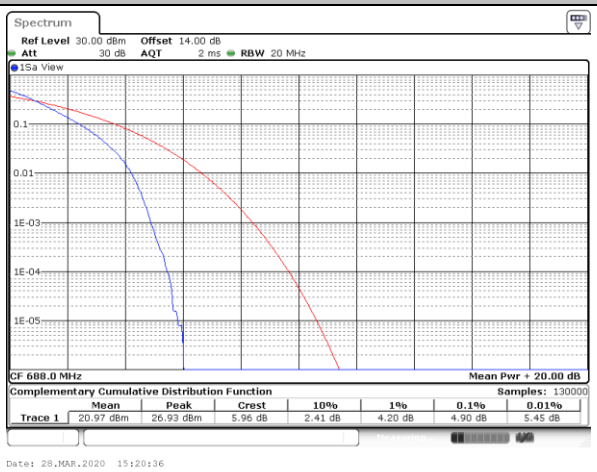
Middle Channel / Full RB



Highest Channel / 1RB

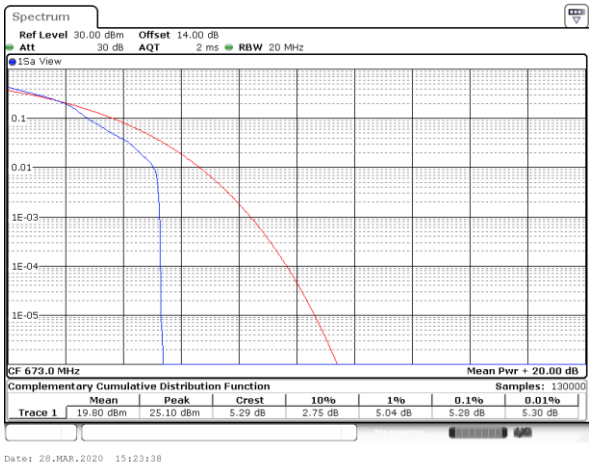


Highest Channel / Full RB

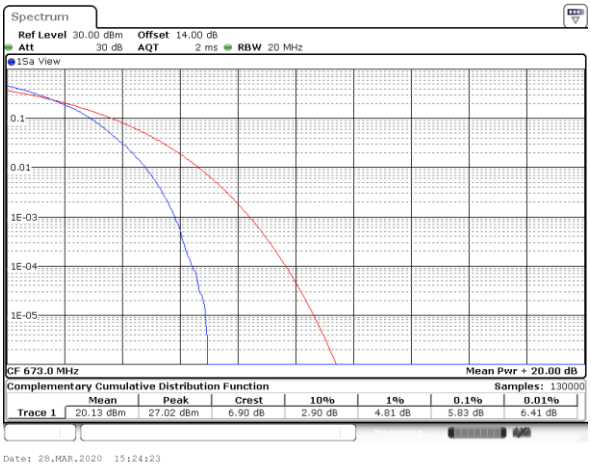


LTE Band 71 / 20MHz / 16QAM

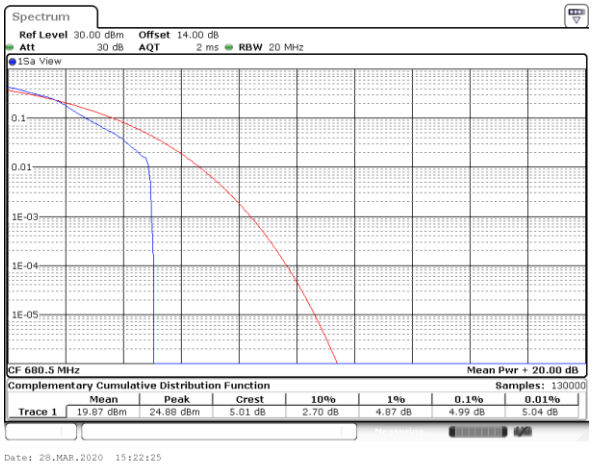
Lowest Channel / 1RB



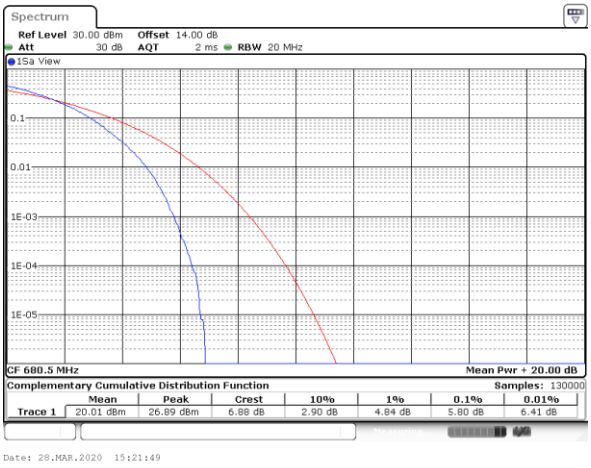
Lowest Channel / Full RB



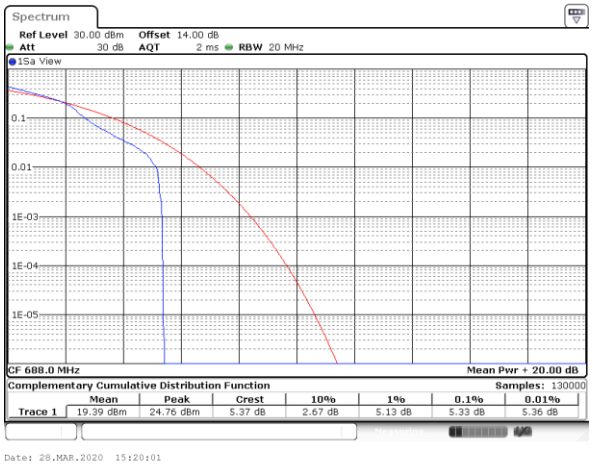
Middle Channel / 1RB



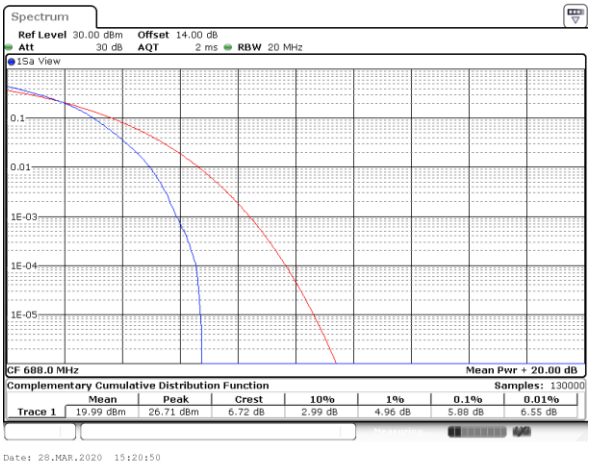
Middle Channel / Full RB



Highest Channel / 1RB

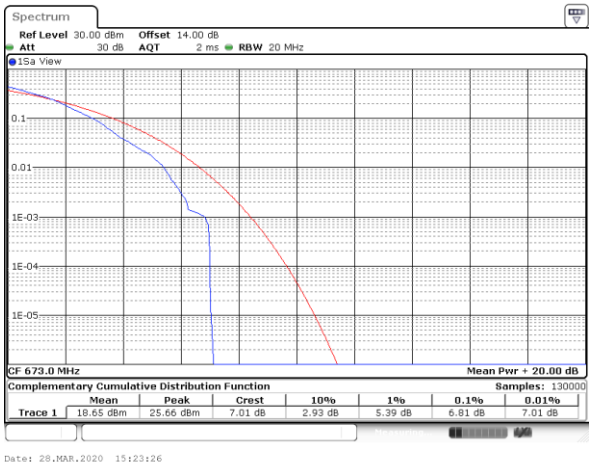


Highest Channel / Full RB

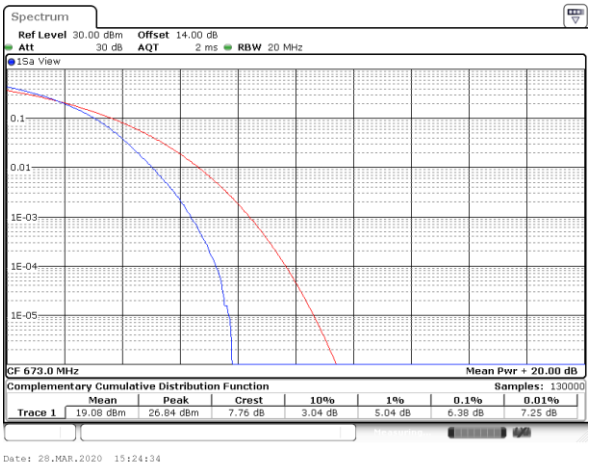


LTE Band 71 / 20MHz / 64QAM

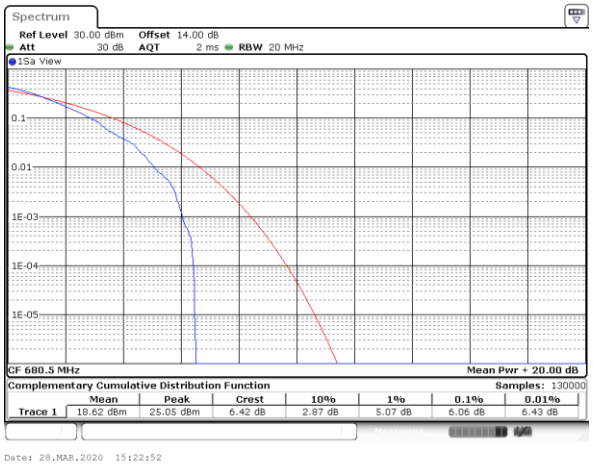
Lowest Channel / 1RB



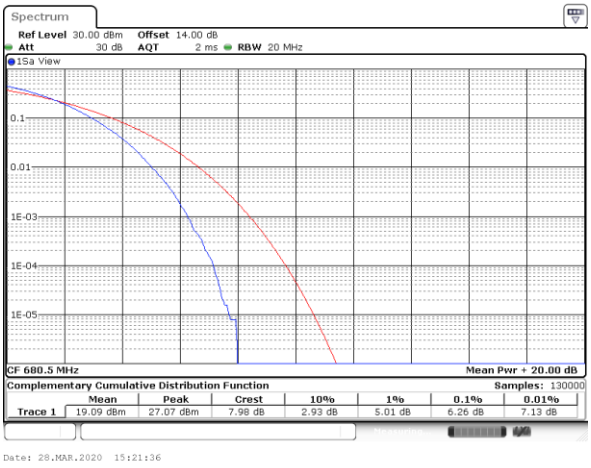
Lowest Channel / Full RB



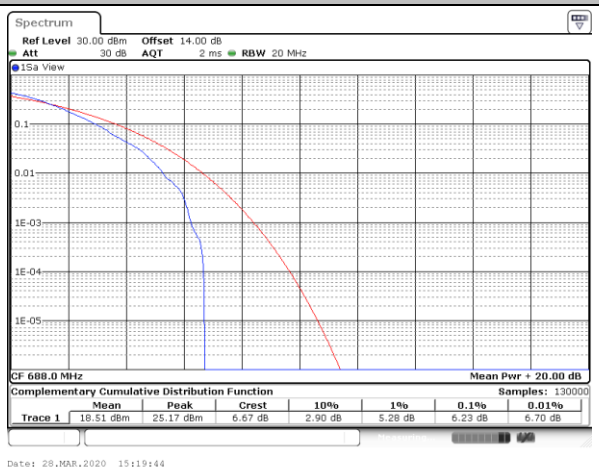
Middle Channel / 1RB



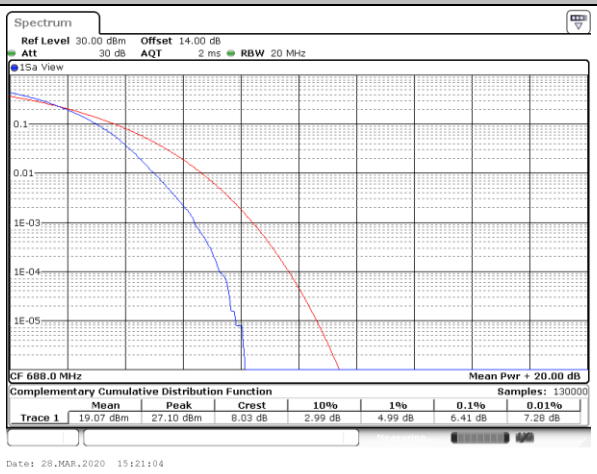
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



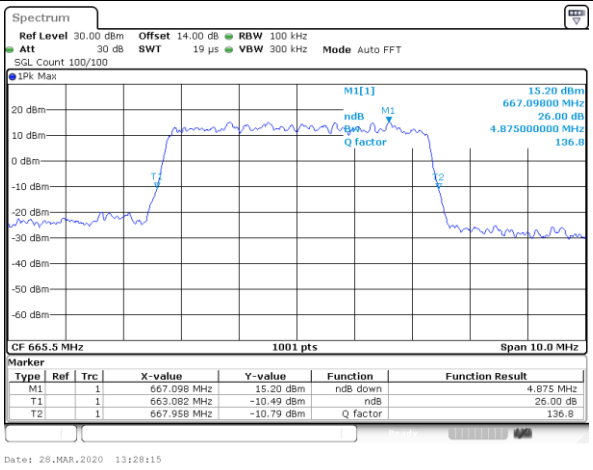
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.88	4.93	9.87	9.67	14.24	14.30	18.94	18.94
Middle CH	4.91	4.87	9.77	9.77	14.42	14.36	18.86	18.82
Highest CH	4.92	4.90	9.83	9.87	14.48	14.36	18.86	19.14

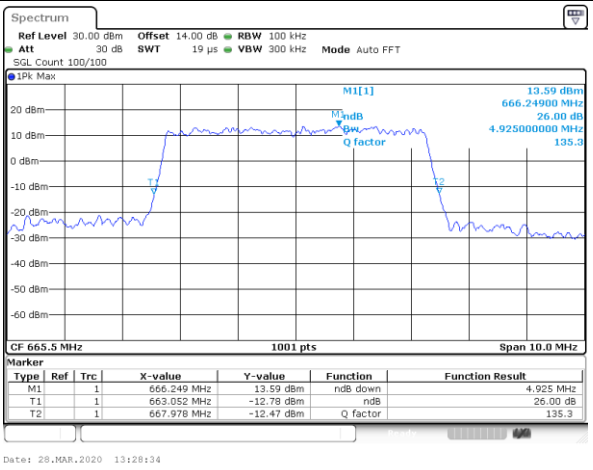
Mode	LTE Band 71 : 26dB BW(MHz)			
BW	5MHz	10MHz	15MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.97	9.91	14.39	19.10
Middle CH	4.94	9.81	14.39	18.82
Highest CH	4.95	9.85	14.63	18.90

LTE Band 71

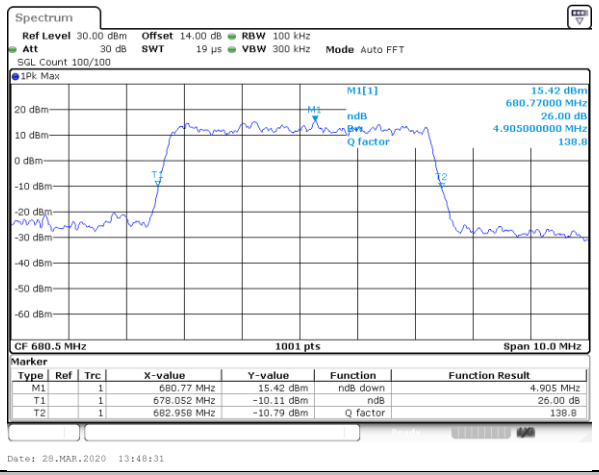
Lowest Channel / 5MHz / QPSK



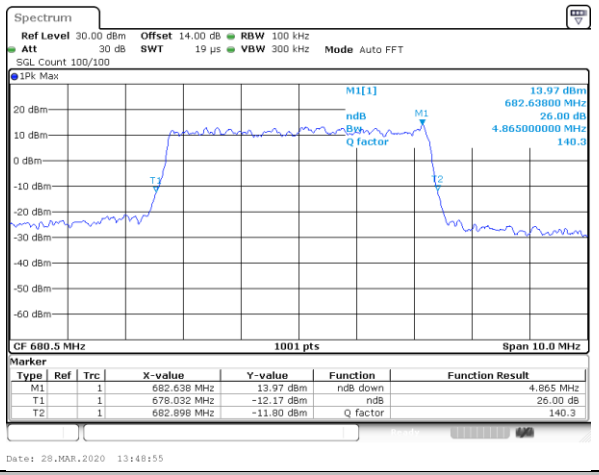
Lowest Channel / 5MHz / 16QAM



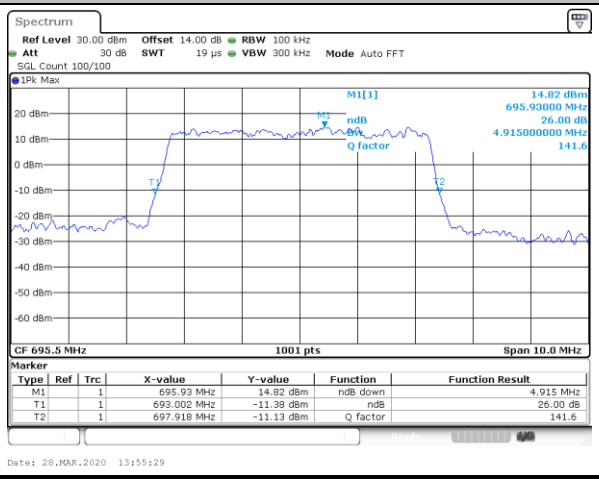
Middle Channel / 5MHz / QPSK



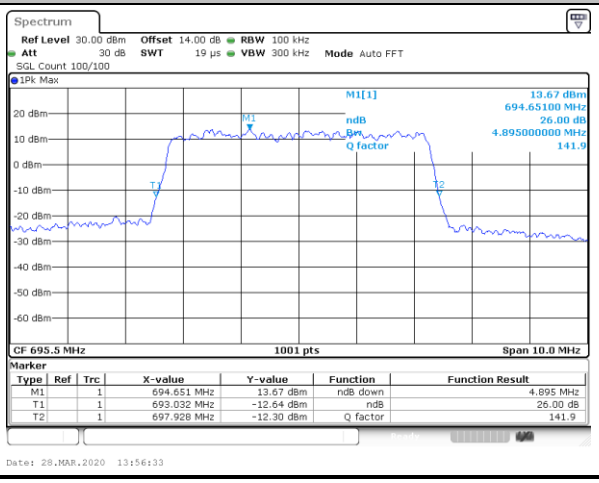
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

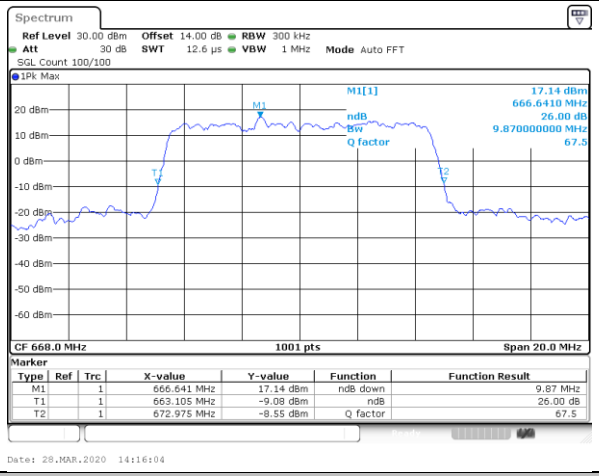


Highest Channel / 5MHz / 16QAM

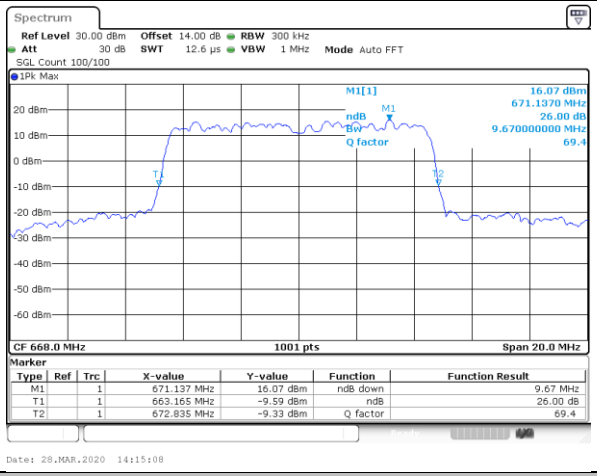


LTE Band 71

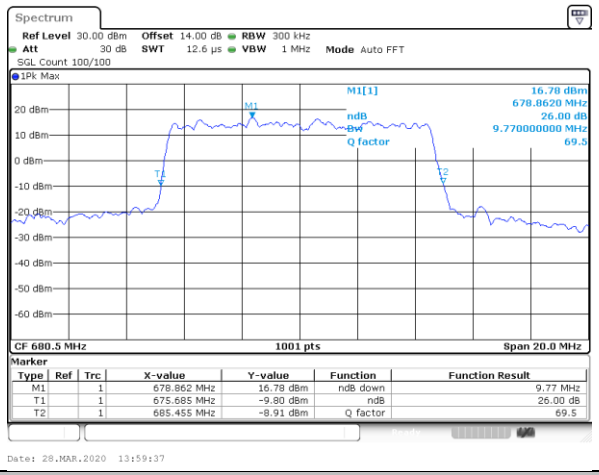
Lowest Channel / 10MHz / QPSK



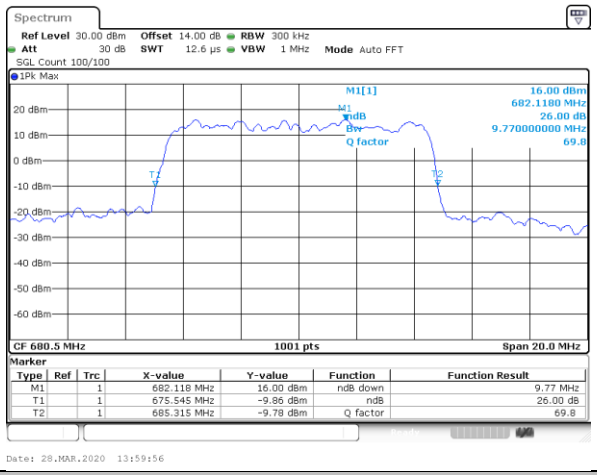
Lowest Channel / 10MHz / 16QAM



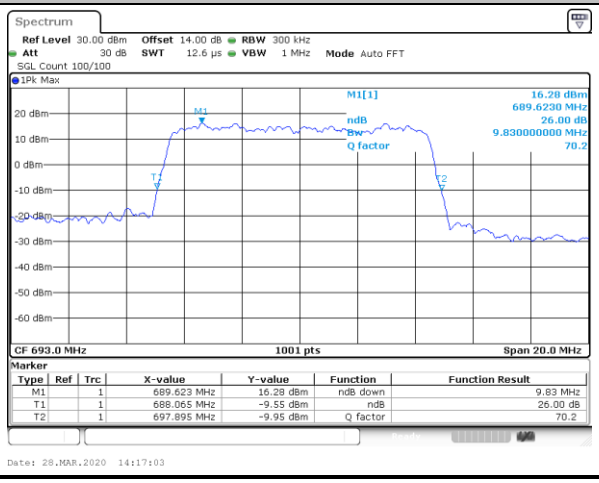
Middle Channel / 10MHz / QPSK



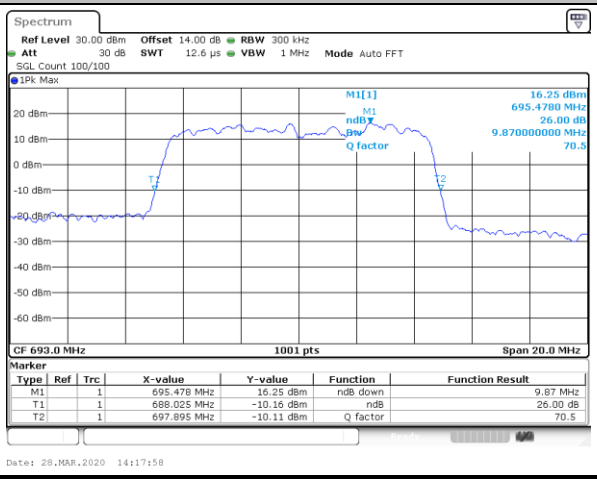
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

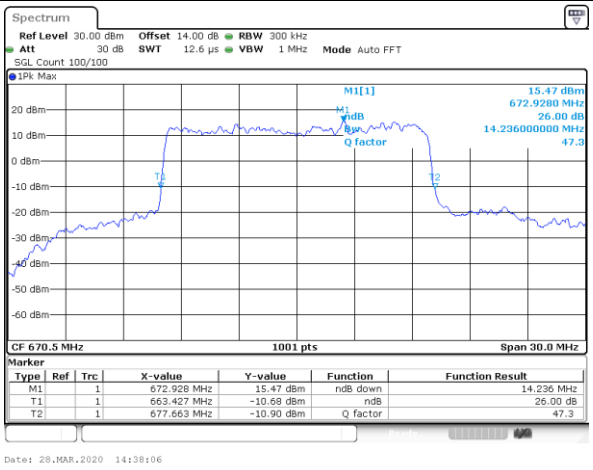


Highest Channel / 10MHz / 16QAM

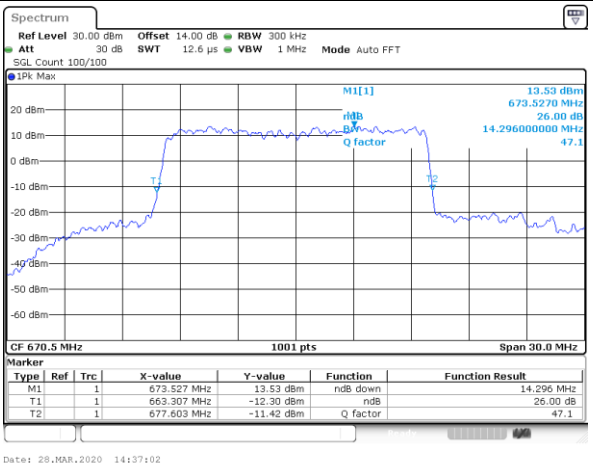


LTE Band 71

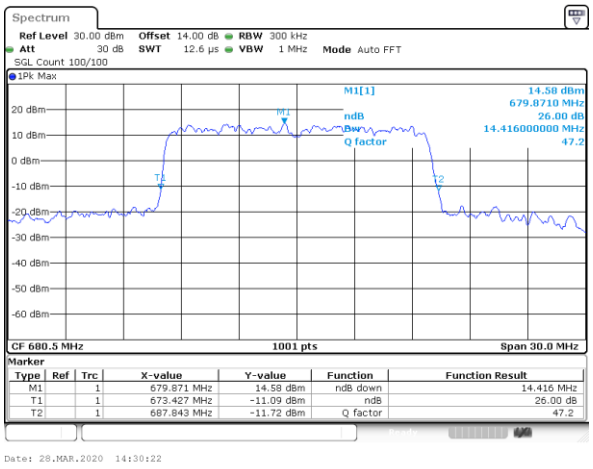
Lowest Channel / 15MHz / QPSK



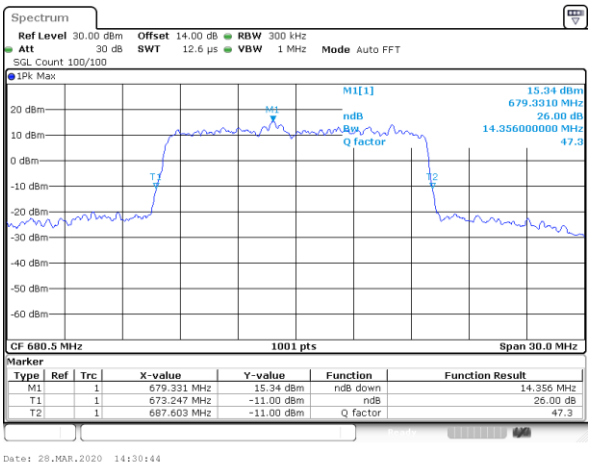
Lowest Channel / 15MHz / 16QAM



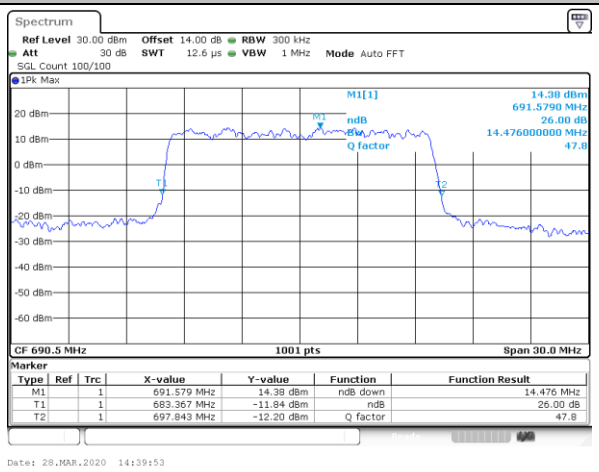
Middle Channel / 15MHz / QPSK



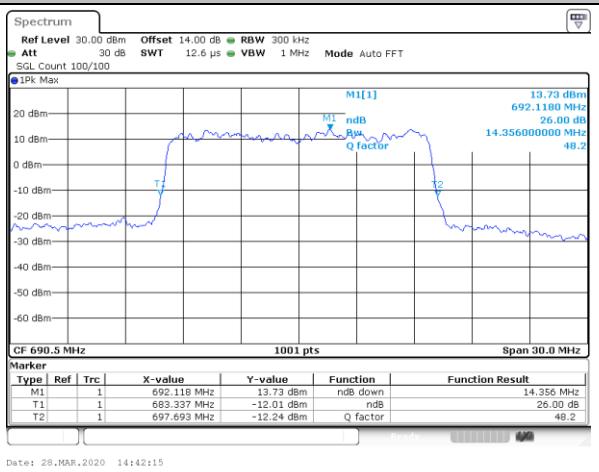
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

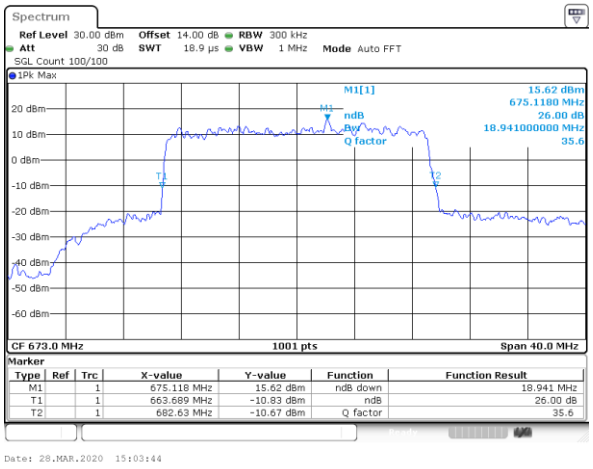


Highest Channel / 15MHz / 16QAM

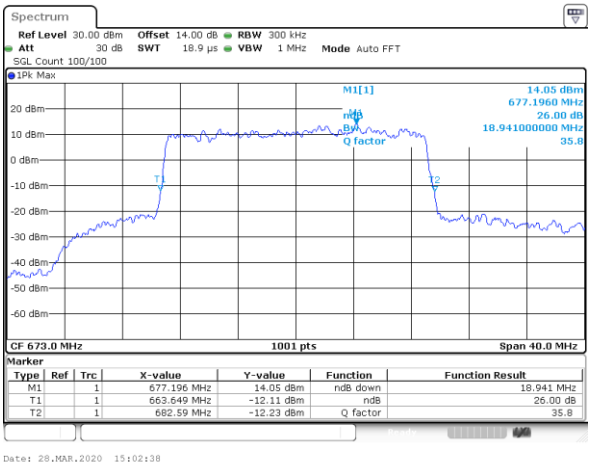


LTE Band 71

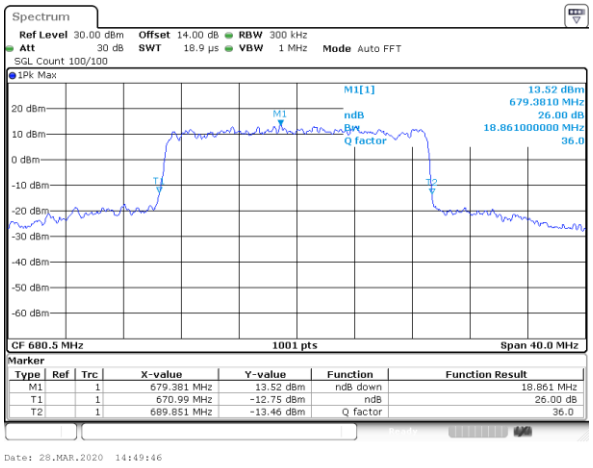
Lowest Channel / 20MHz / QPSK



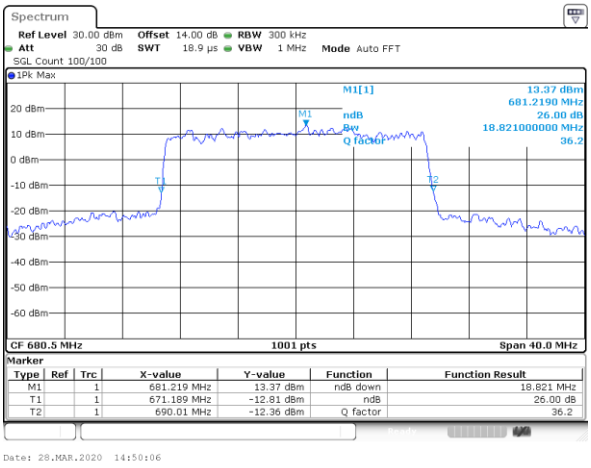
Lowest Channel / 20MHz / 16QAM



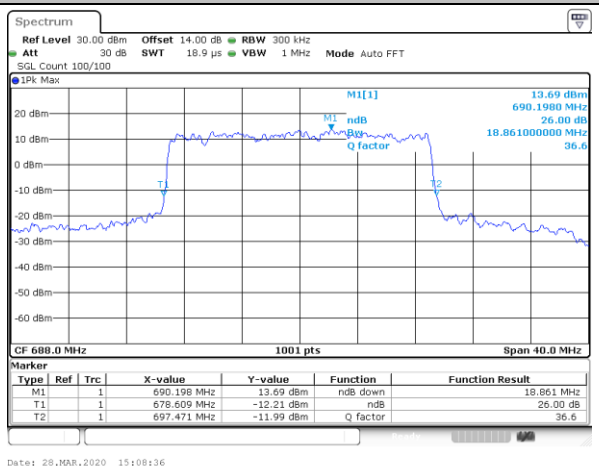
Middle Channel / 20MHz / QPSK



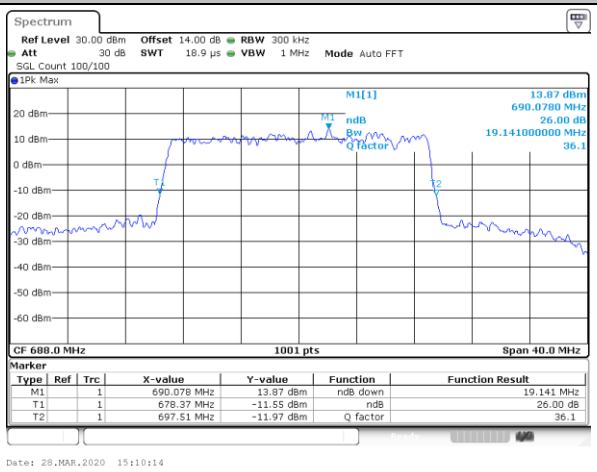
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

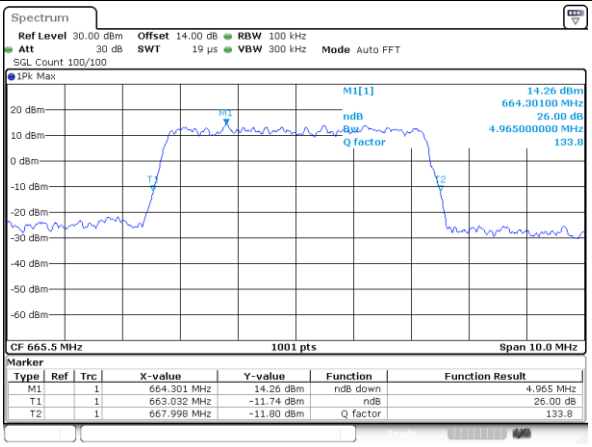


Highest Channel / 20MHz / 16QAM

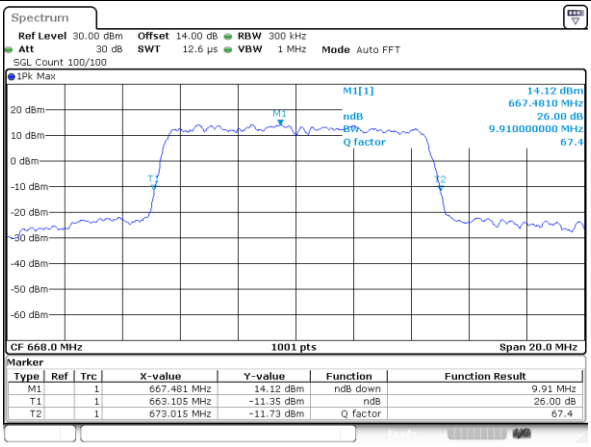


LTE Band 71

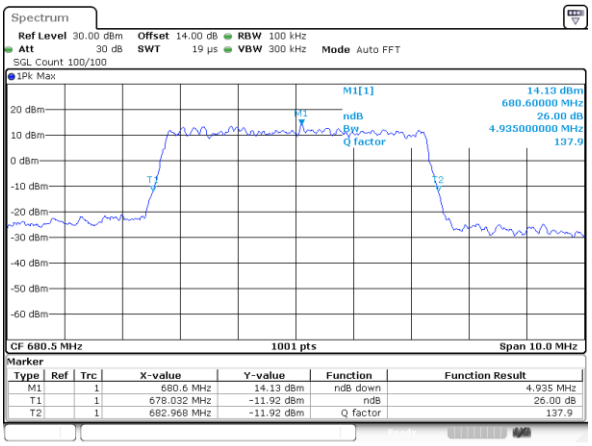
Lowest Channel / 5MHz / 64QAM



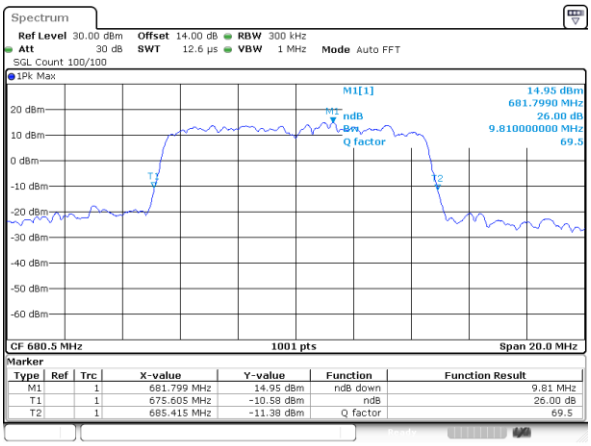
Lowest Channel / 10MHz / 64QAM



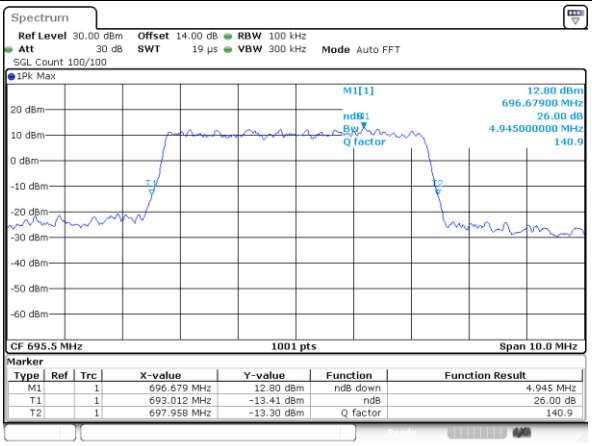
Middle Channel / 5MHz / 64QAM



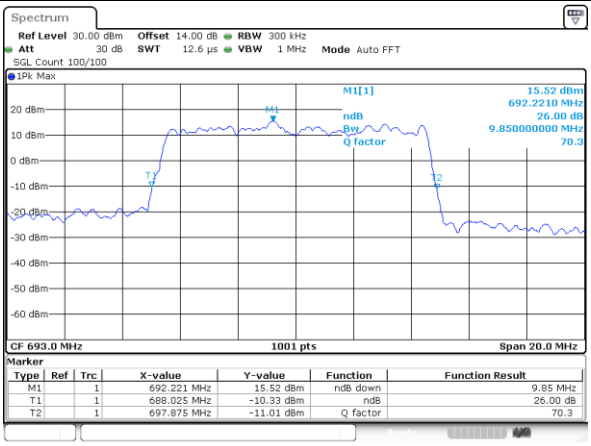
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

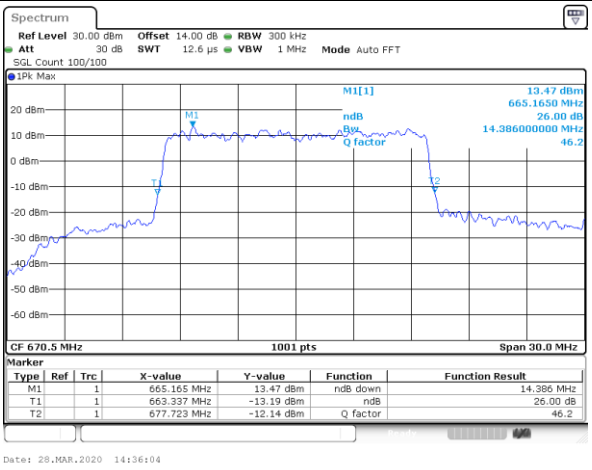


Highest Channel / 10MHz / 64QAM

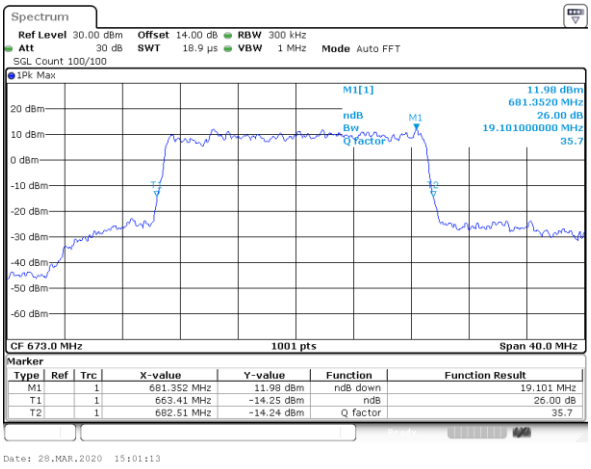


LTE Band 71

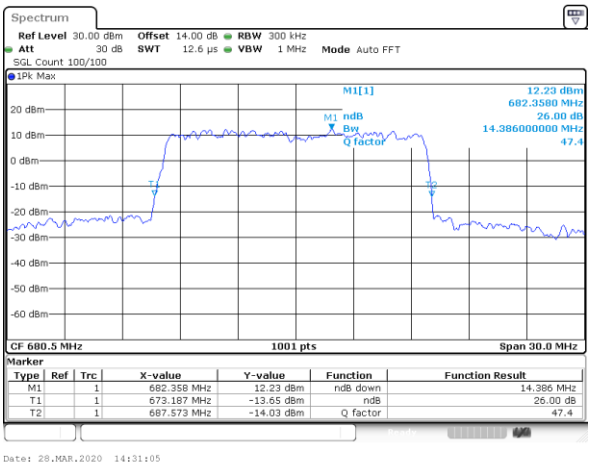
Lowest Channel / 15MHz / 64QAM



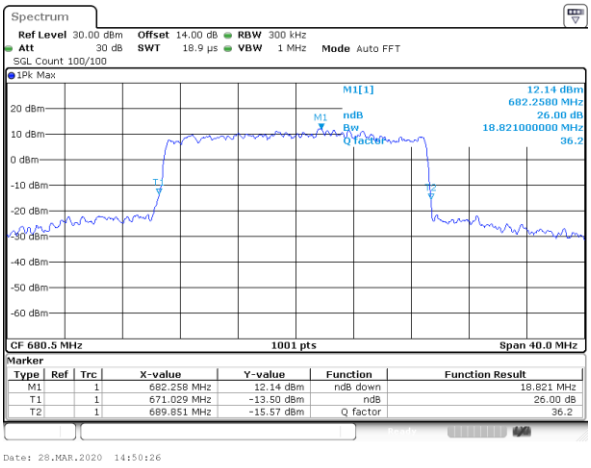
Lowest Channel / 20MHz / 64QAM



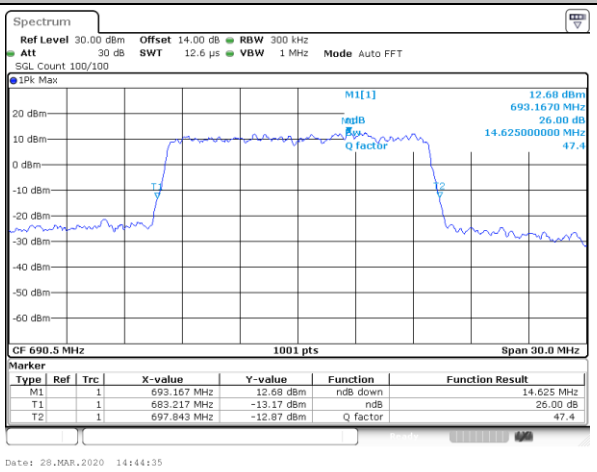
Middle Channel / 15MHz / 64QAM



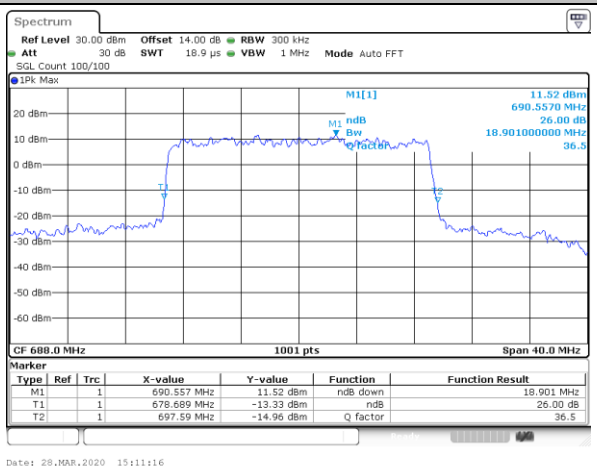
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM



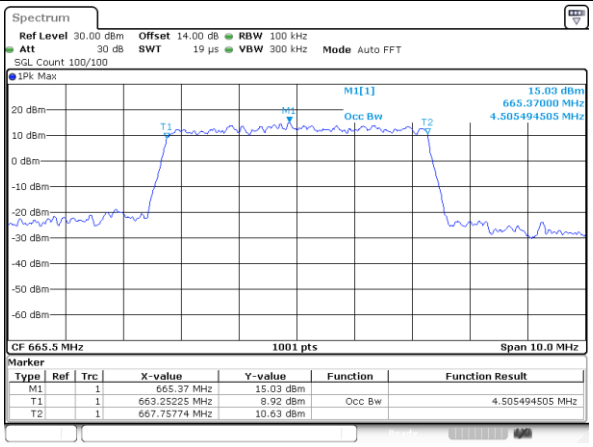
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.51	4.48	9.03	8.99	13.46	13.46	17.82	17.86
Middle CH	4.49	4.51	8.95	9.01	13.46	13.46	17.78	17.74
Highest CH	4.49	4.50	8.99	9.05	13.43	13.43	17.86	17.90

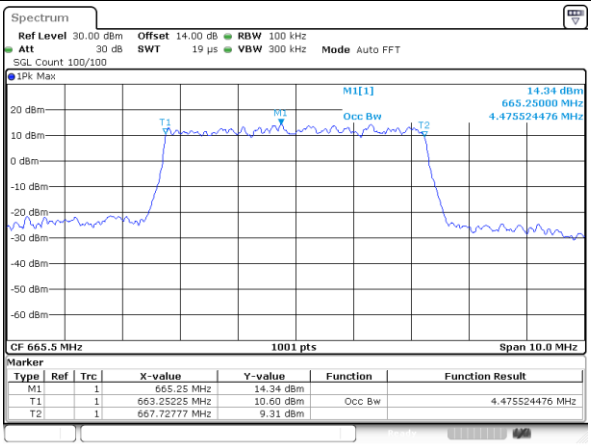
Mode	LTE Band 71 : 99%OBW(MHz)			
BW	5MHz	10MHz	15MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	9.03	13.46	17.82
Middle CH	4.48	8.97	13.43	17.86
Highest CH	4.49	8.99	13.46	17.86

LTE Band 71

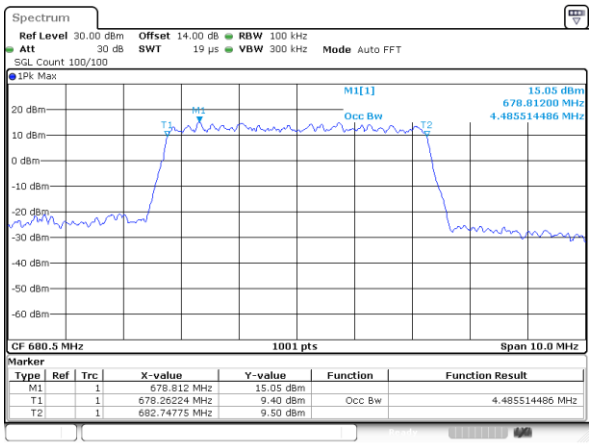
Lowest Channel / 5MHz / QPSK



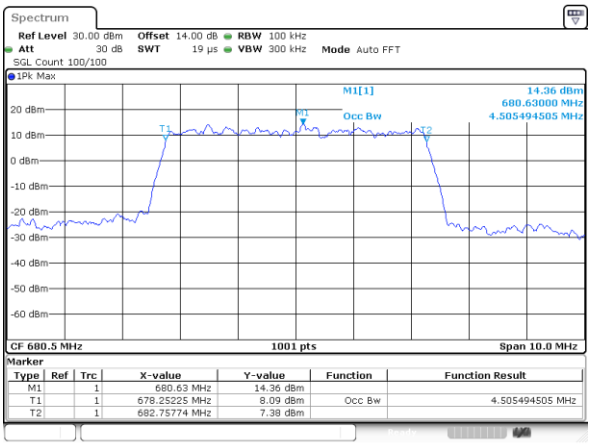
Lowest Channel / 5MHz / 16QAM



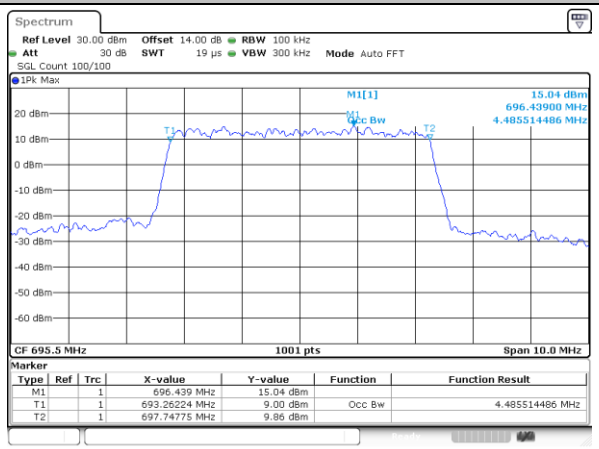
Middle Channel / 5MHz / QPSK



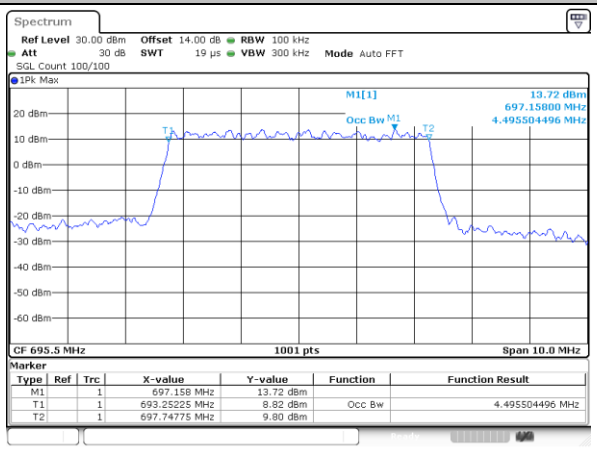
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

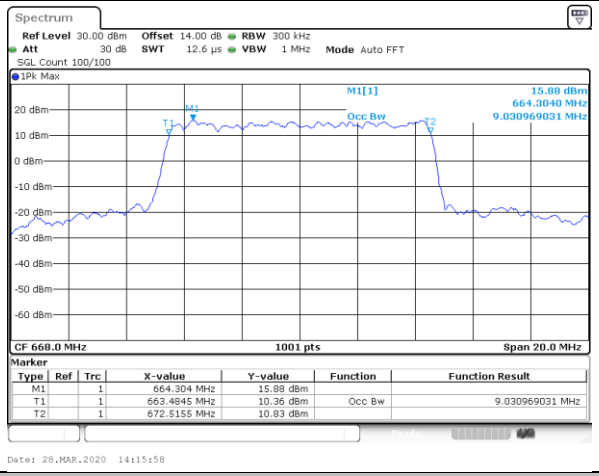


Highest Channel / 5MHz / 16QAM

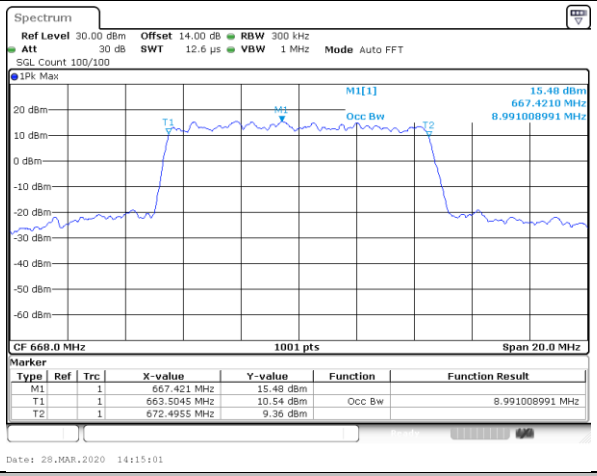


LTE Band 71

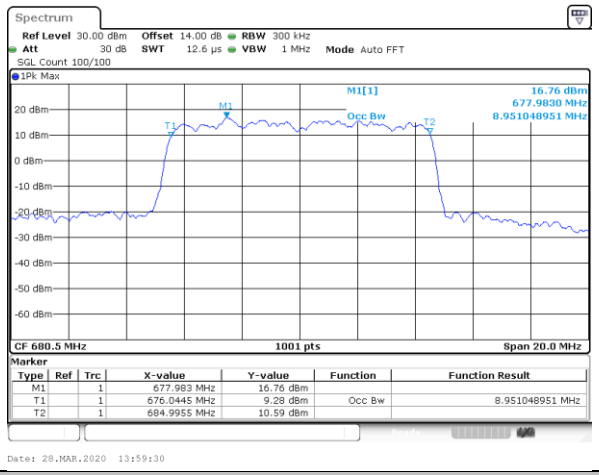
Lowest Channel / 10MHz / QPSK



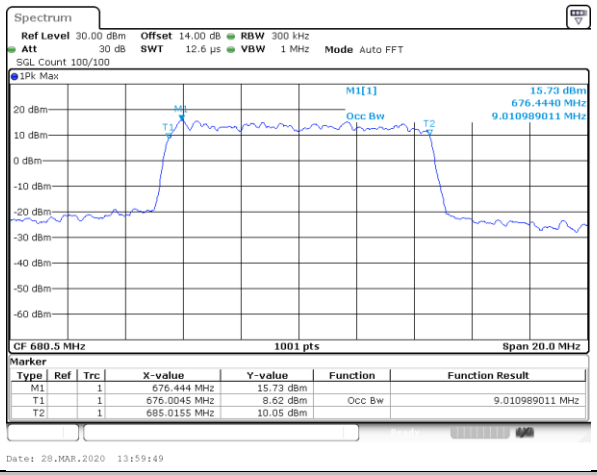
Lowest Channel / 10MHz / 16QAM



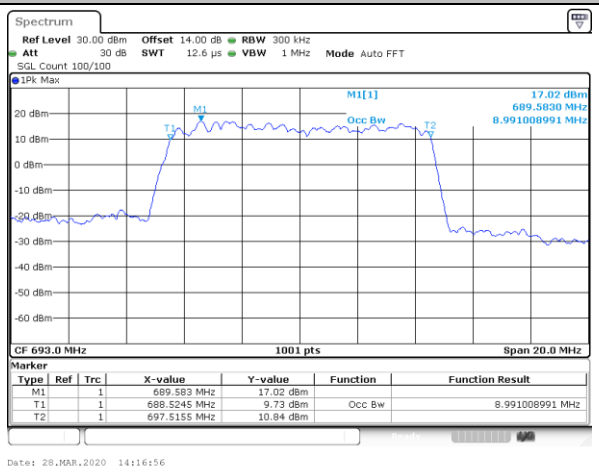
Middle Channel / 10MHz / QPSK



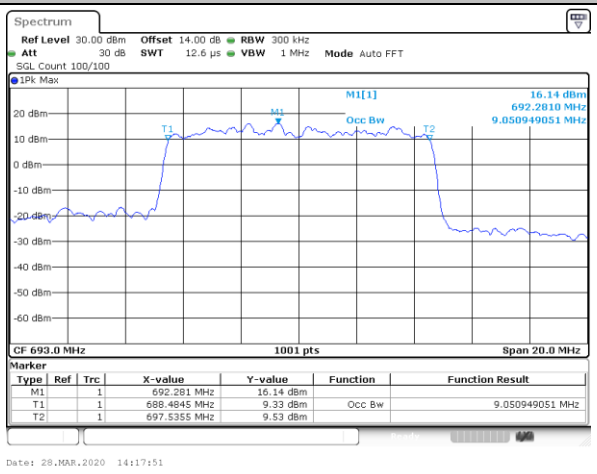
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

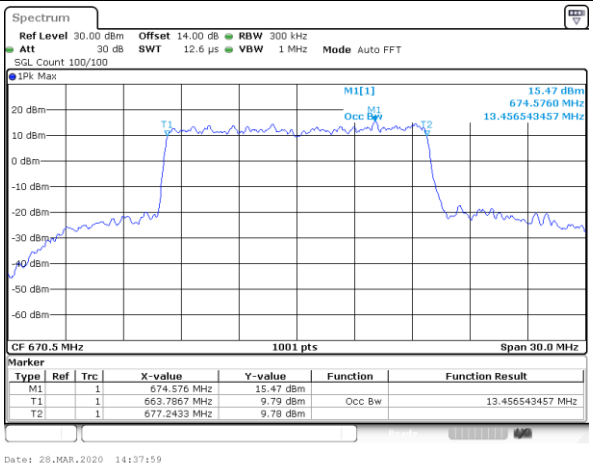


Highest Channel / 10MHz / 16QAM

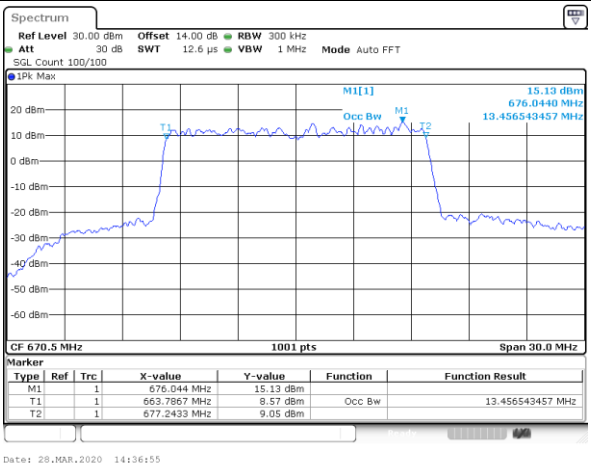


LTE Band 71

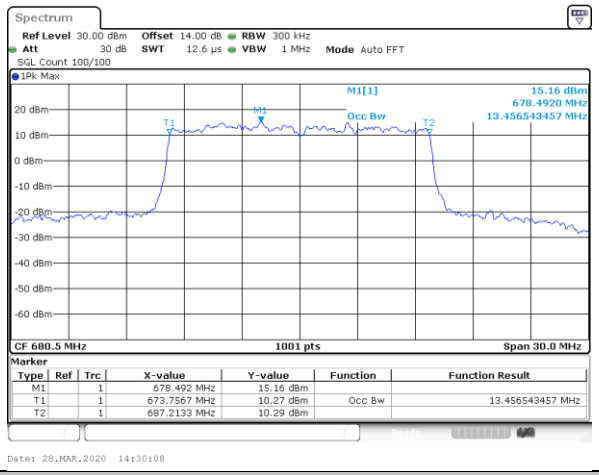
Lowest Channel / 15MHz / QPSK



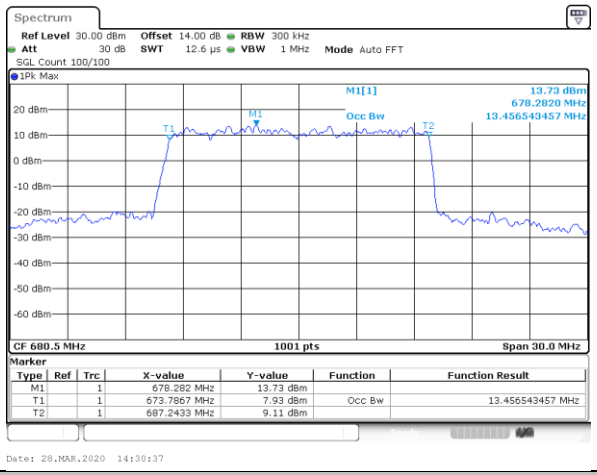
Lowest Channel / 15MHz / 16QAM



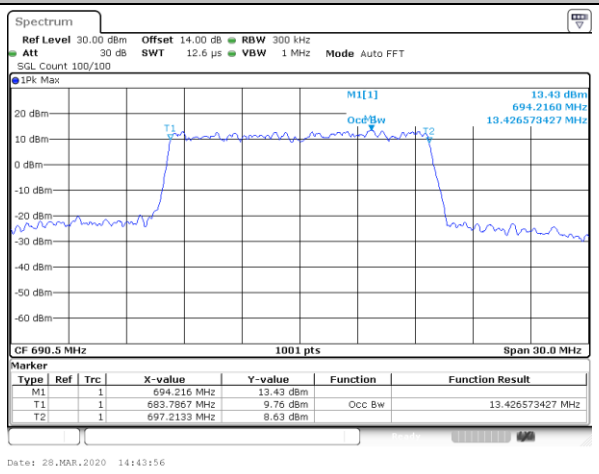
Middle Channel / 15MHz / QPSK



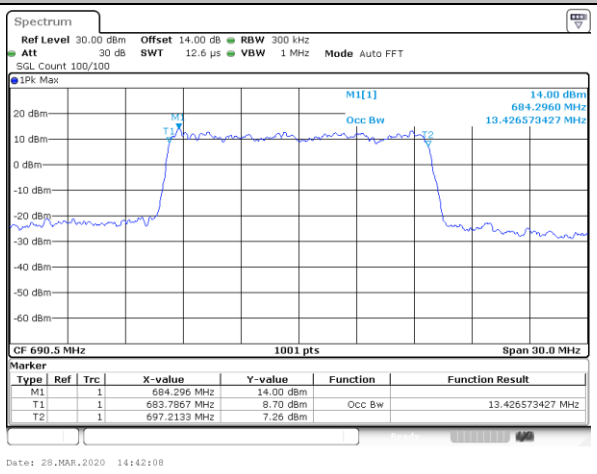
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

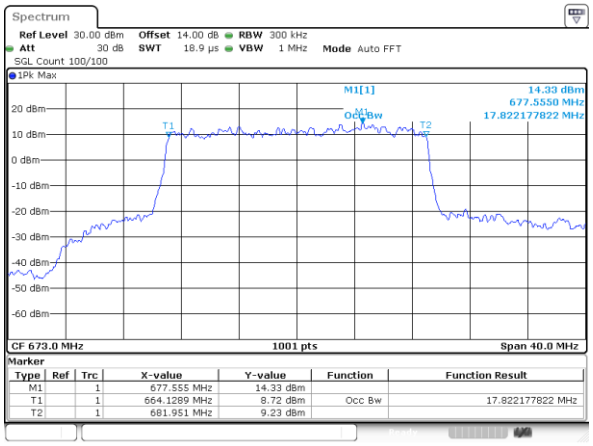


Highest Channel / 15MHz / 16QAM

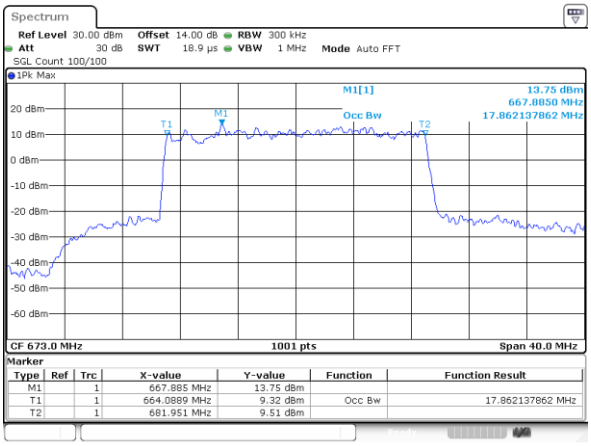


LTE Band 71

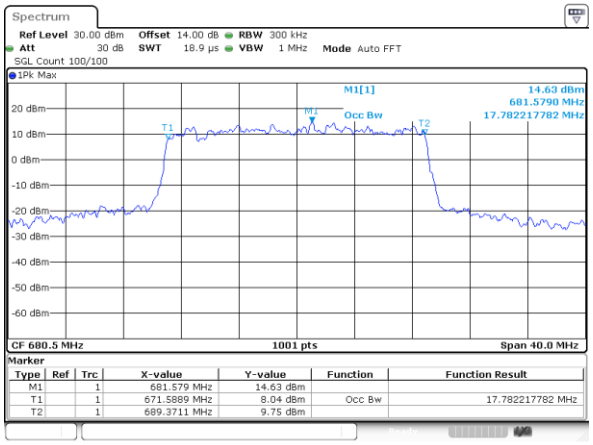
Lowest Channel / 20MHz / QPSK



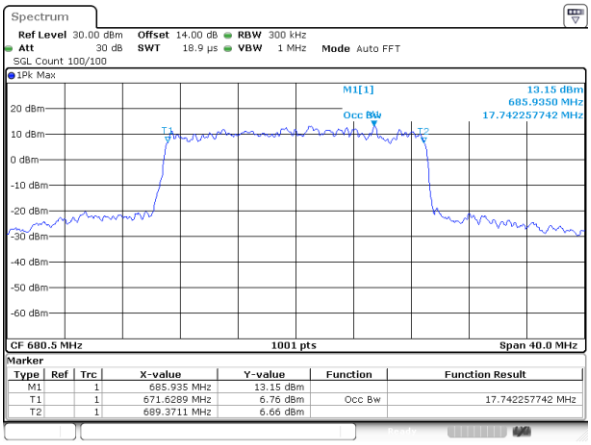
Lowest Channel / 20MHz / 16QAM



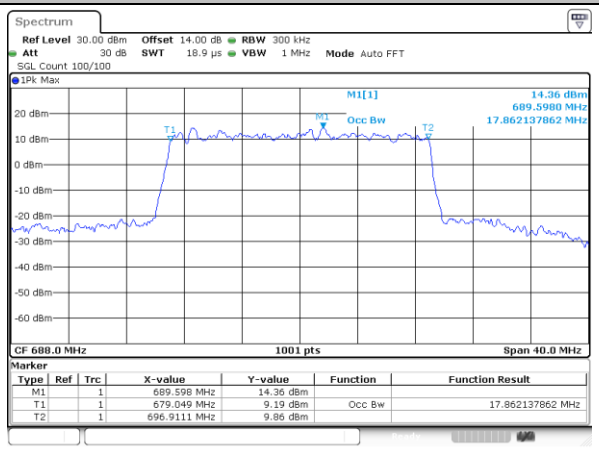
Middle Channel / 20MHz / QPSK



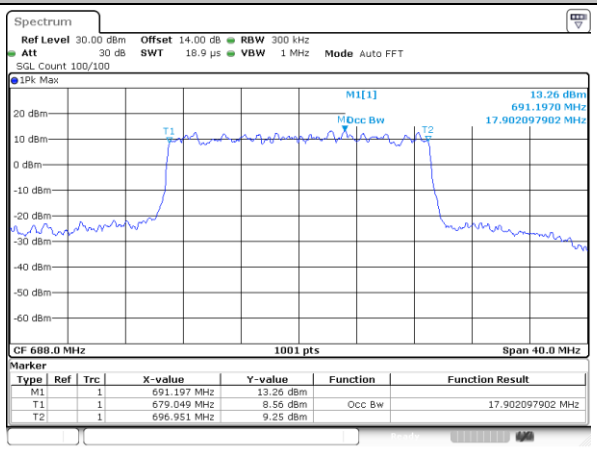
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

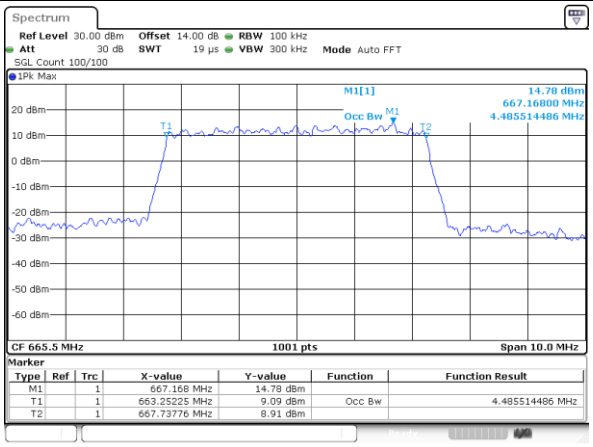


Highest Channel / 20MHz / 16QAM

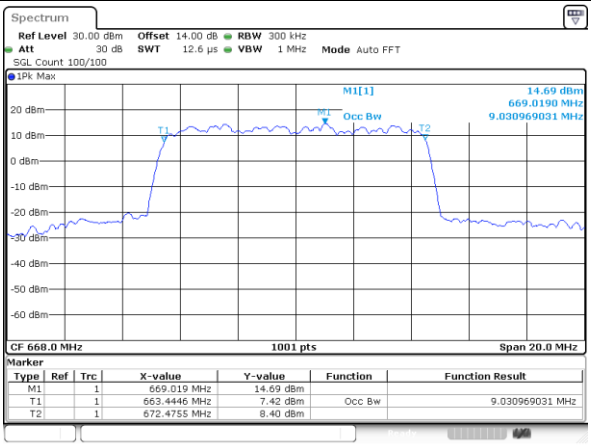


LTE Band 71

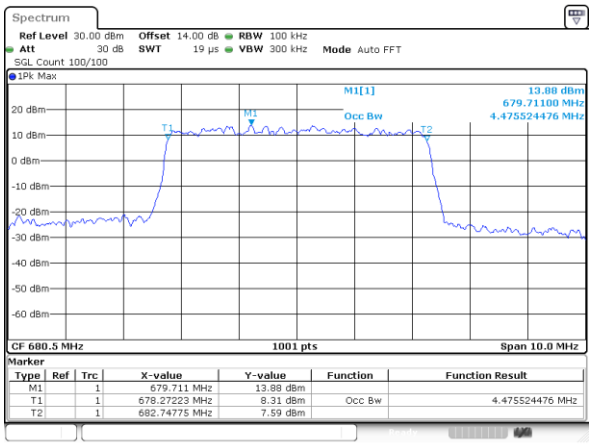
Lowest Channel / 5MHz / 64QAM



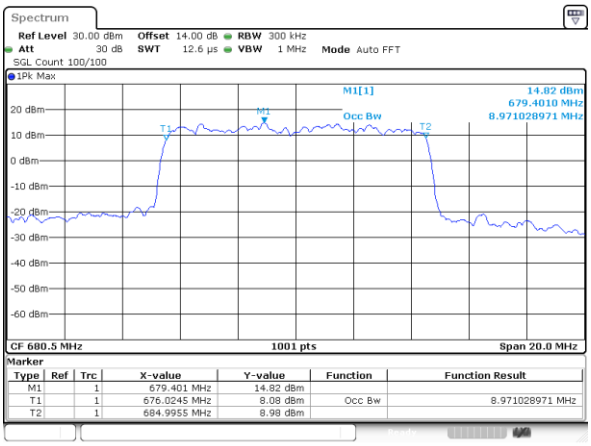
Lowest Channel / 10MHz / 64QAM



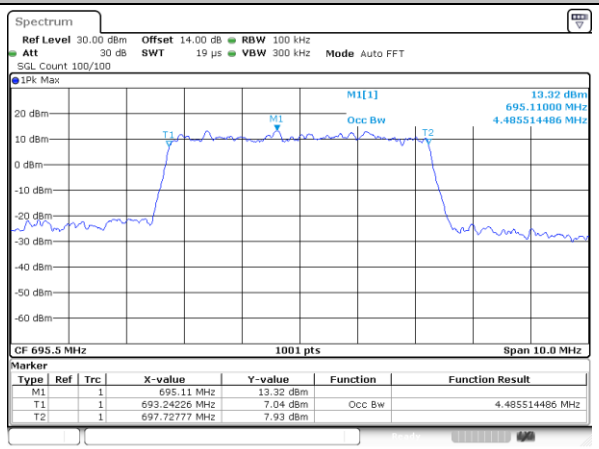
Middle Channel / 5MHz / 64QAM



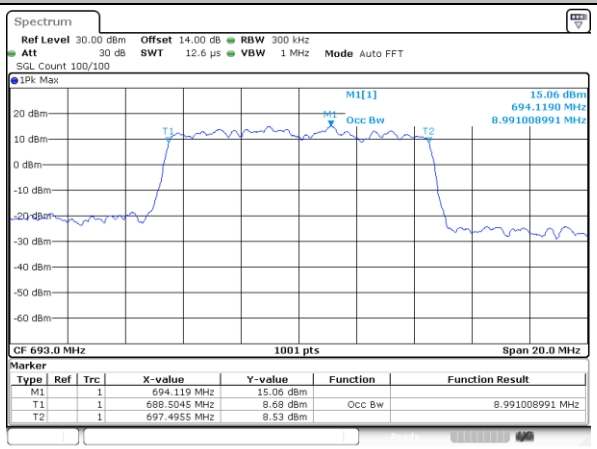
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

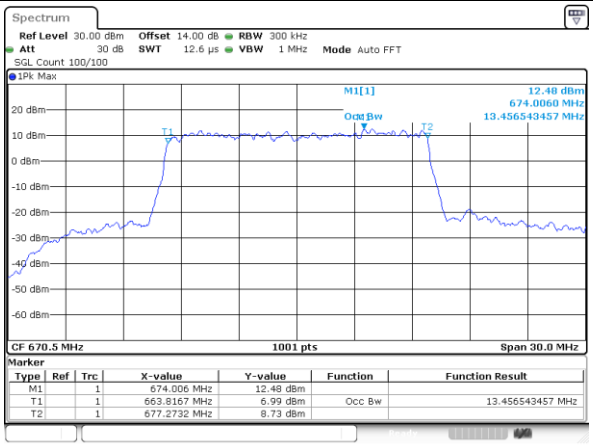


Highest Channel / 10MHz / 64QAM

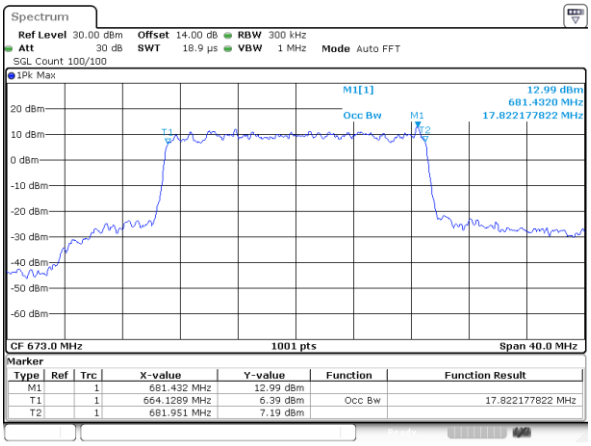


LTE Band 71

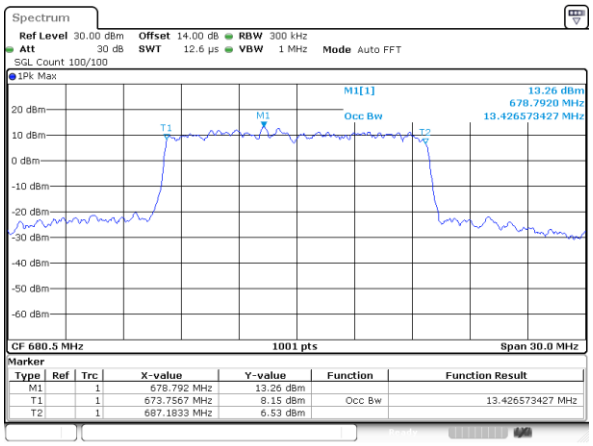
Lowest Channel / 15MHz / 64QAM



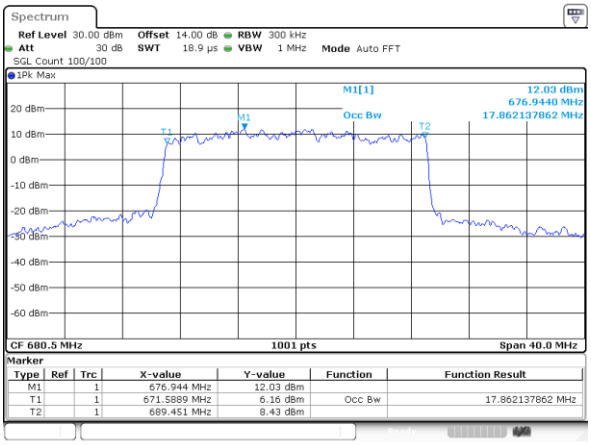
Lowest Channel / 20MHz / 64QAM



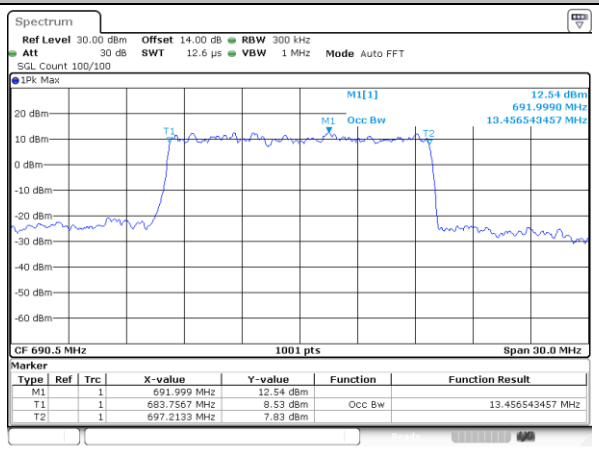
Middle Channel / 15MHz / 64QAM



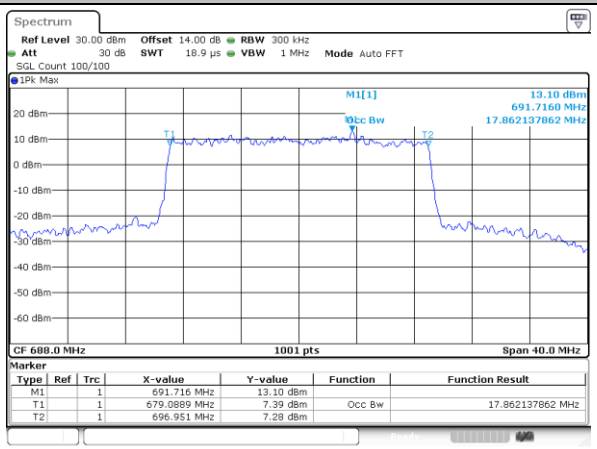
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



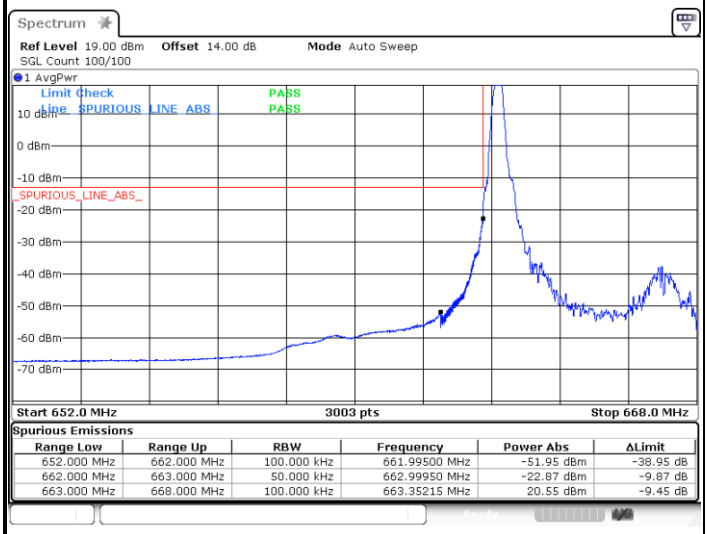
Highest Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB

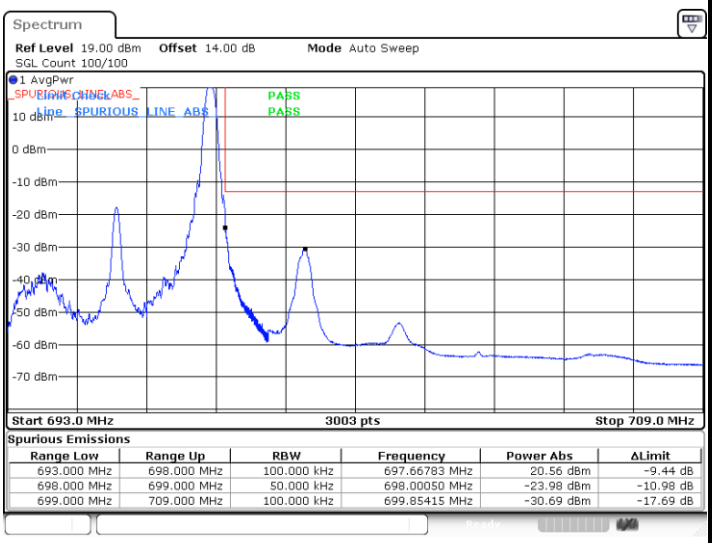


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-51.95 dBm	-38.95 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99950 MHz	-22.87 dBm	-9.87 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	20.55 dBm	-9.45 dB

Date: 28.MAR.2020 13:33:05

Highest Band Edge / 1 RB

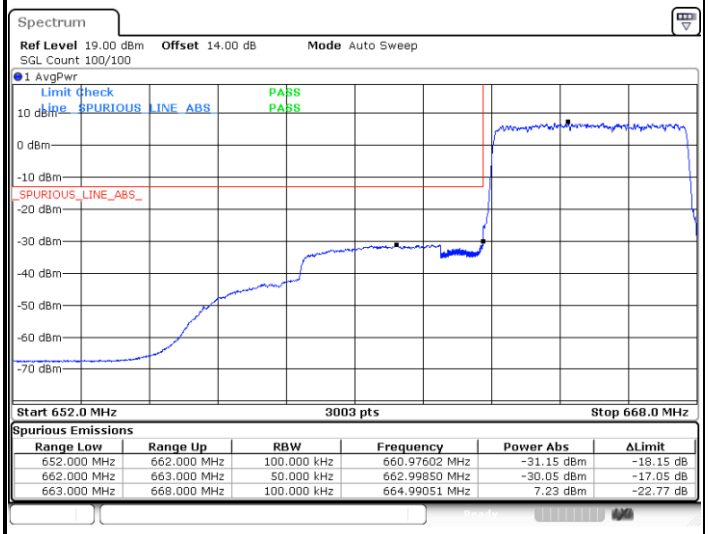


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.66783 MHz	20.56 dBm	-9.44 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-23.98 dBm	-10.98 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.85415 MHz	-30.69 dBm	-17.69 dB

Date: 28.MAR.2020 13:55:06

Lowest Band Edge / Full RB

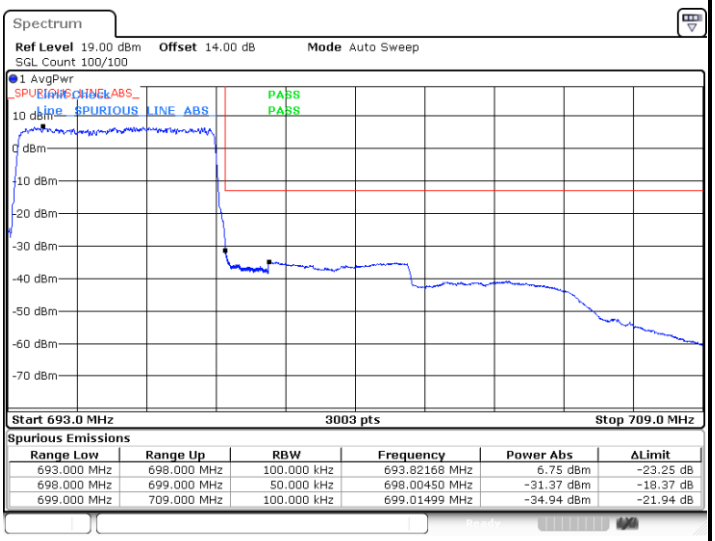


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	660.97602 MHz	-31.15 dBm	-18.15 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99850 MHz	-30.05 dBm	-17.05 dB
663.000 MHz	668.000 MHz	100.000 kHz	664.99051 MHz	7.23 dBm	-22.77 dB

Date: 28.MAR.2020 13:47:36

Highest Band Edge / Full RB



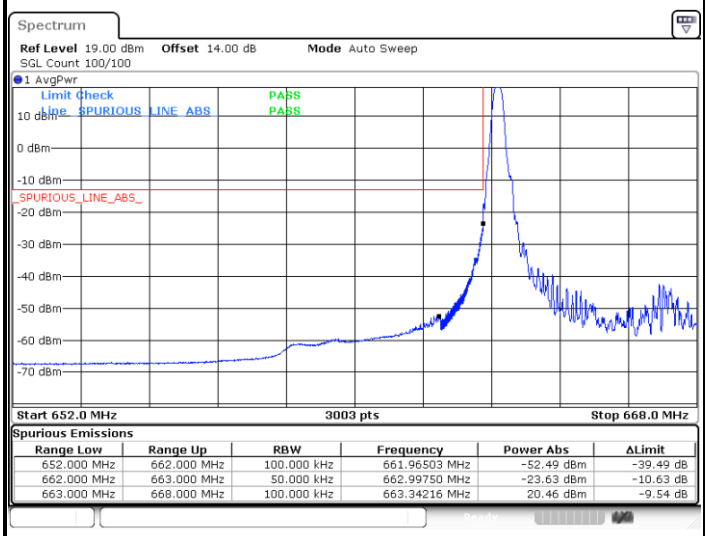
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.82168 MHz	6.75 dBm	-23.25 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00450 MHz	-31.37 dBm	-18.37 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-34.94 dBm	-21.94 dB

Date: 28.MAR.2020 13:56:12

LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

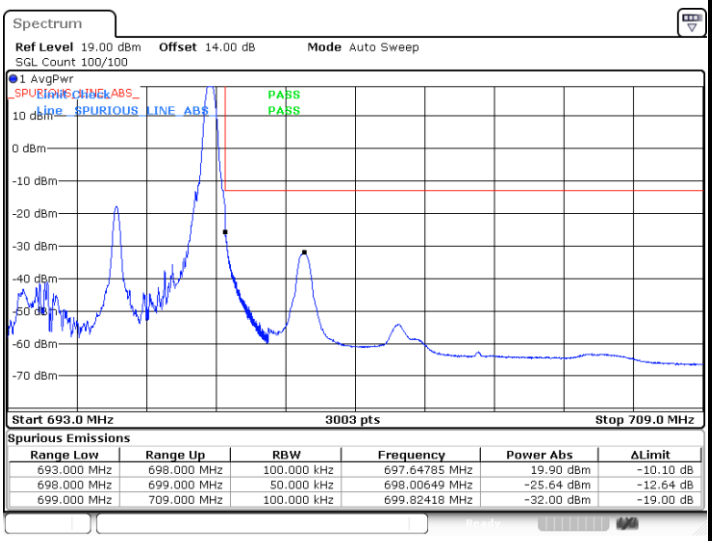


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.96503 MHz	-52.49 dBm	-39.49 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99750 MHz	-23.63 dBm	-10.63 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.34216 MHz	20.46 dBm	-9.54 dB

Date: 28.MAR.2020 13:44:05

Highest Band Edge / 1 RB

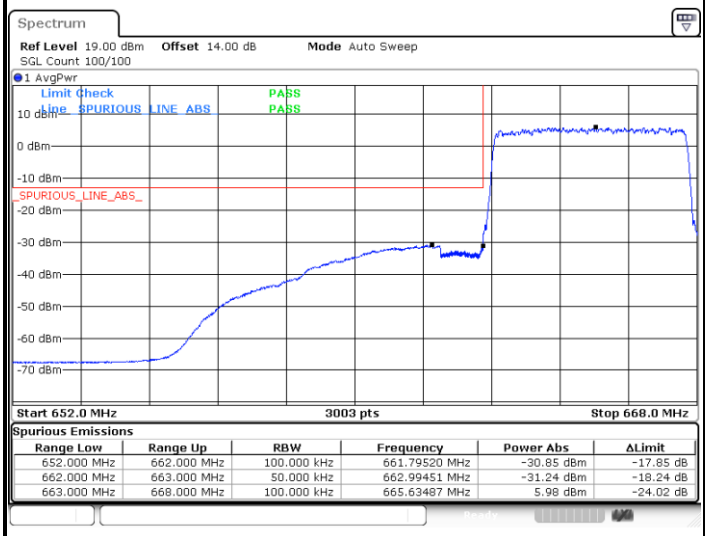


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.64785 MHz	19.90 dBm	-10.10 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00649 MHz	-25.64 dBm	-12.64 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.82418 MHz	-32.00 dBm	-19.00 dB

Date: 28.MAR.2020 13:54:07

Lowest Band Edge / Full RB

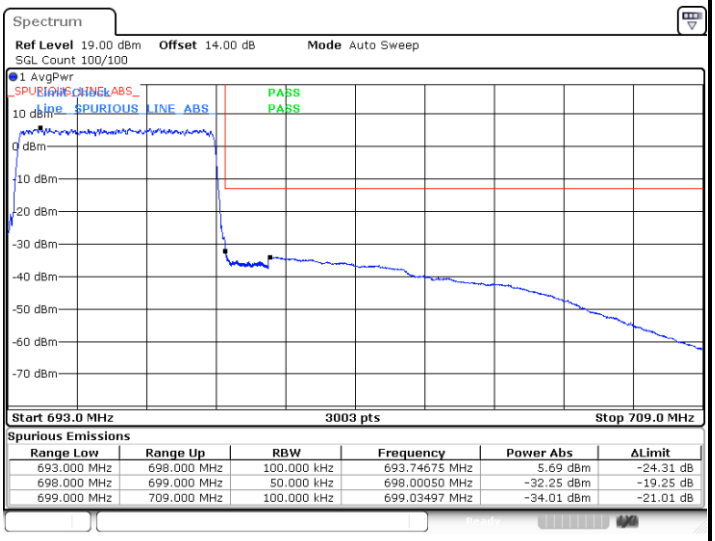


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.79520 MHz	-30.85 dBm	-17.85 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99451 MHz	-31.24 dBm	-18.24 dB
663.000 MHz	668.000 MHz	100.000 kHz	665.63487 MHz	5.98 dBm	-24.02 dB

Date: 28.MAR.2020 13:46:43

Highest Band Edge / Full RB



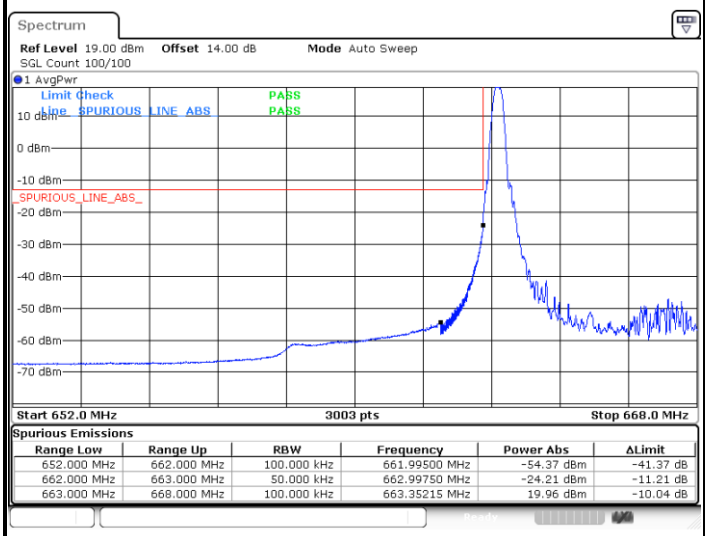
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	693.74675 MHz	5.69 dBm	-24.31 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-32.25 dBm	-19.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.03497 MHz	-34.01 dBm	-21.01 dB

Date: 28.MAR.2020 13:57:16

LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB

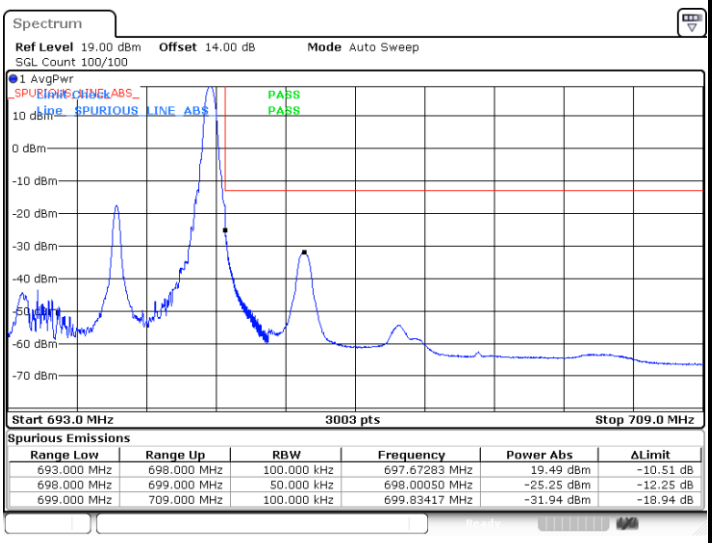


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-54.37 dBm	-41.37 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99750 MHz	-24.21 dBm	-11.21 dB
663.000 MHz	668.000 MHz	100.000 kHz	663.35215 MHz	19.96 dBm	-10.04 dB

Date: 28.MAR.2020 13:44:55

Highest Band Edge / 1 RB

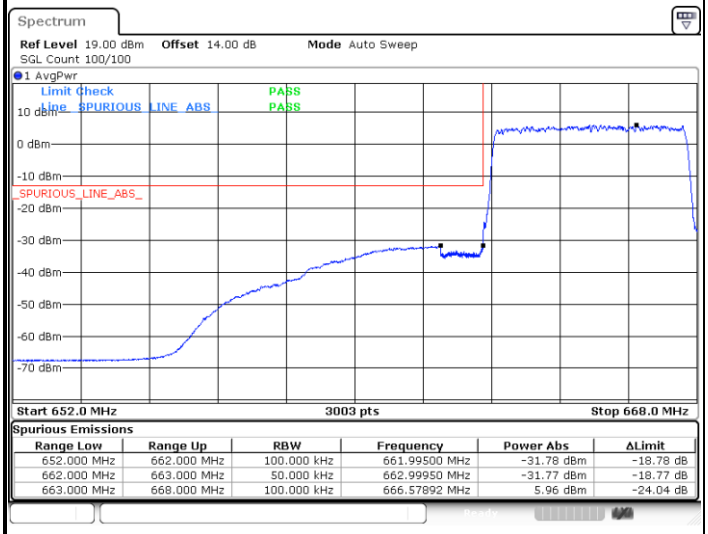


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	697.67283 MHz	19.49 dBm	-10.51 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00050 MHz	-25.25 dBm	-12.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.83417 MHz	-31.94 dBm	-18.94 dB

Date: 28.MAR.2020 13:53:16

Lowest Band Edge / Full RB

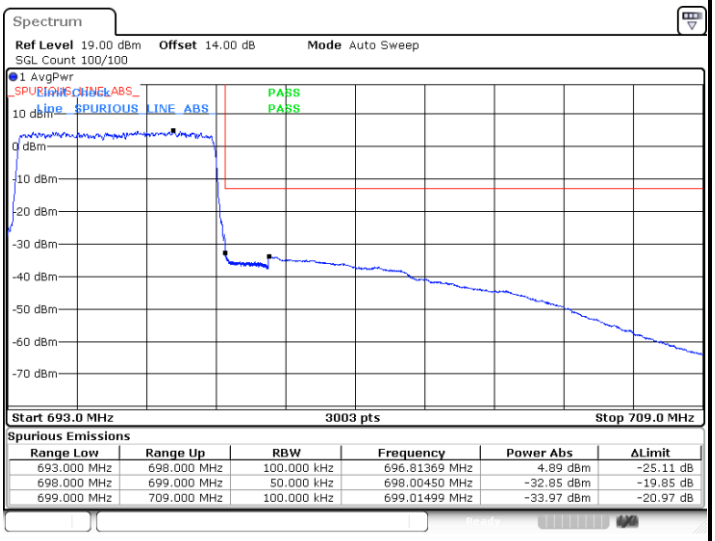


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-31.78 dBm	-18.78 dB
662.000 MHz	663.000 MHz	50.000 kHz	662.99950 MHz	-31.77 dBm	-18.77 dB
663.000 MHz	668.000 MHz	100.000 kHz	666.57892 MHz	5.96 dBm	-24.04 dB

Date: 28.MAR.2020 13:45:53

Highest Band Edge / Full RB



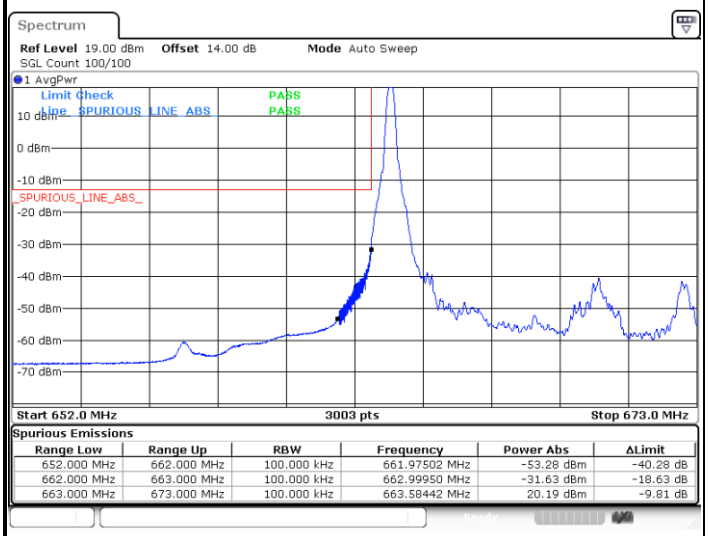
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
693.000 MHz	698.000 MHz	100.000 kHz	696.81369 MHz	4.89 dBm	-25.11 dB
698.000 MHz	699.000 MHz	50.000 kHz	698.00450 MHz	-32.85 dBm	-19.85 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-33.97 dBm	-20.97 dB

Date: 28.MAR.2020 13:58:51

LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB

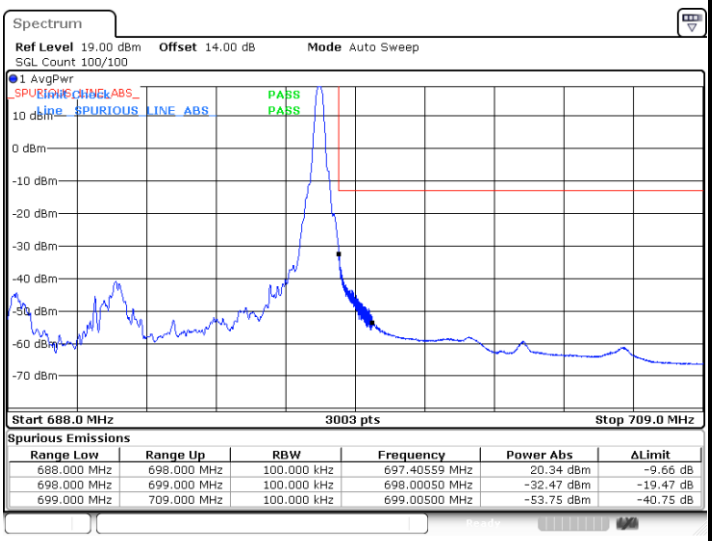


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.97502 MHz	-53.28 dBm	-40.28 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-31.63 dBm	-18.63 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.58442 MHz	20.19 dBm	-9.81 dB

Date: 28.MAR.2020 14:11:18

Highest Band Edge / 1 RB

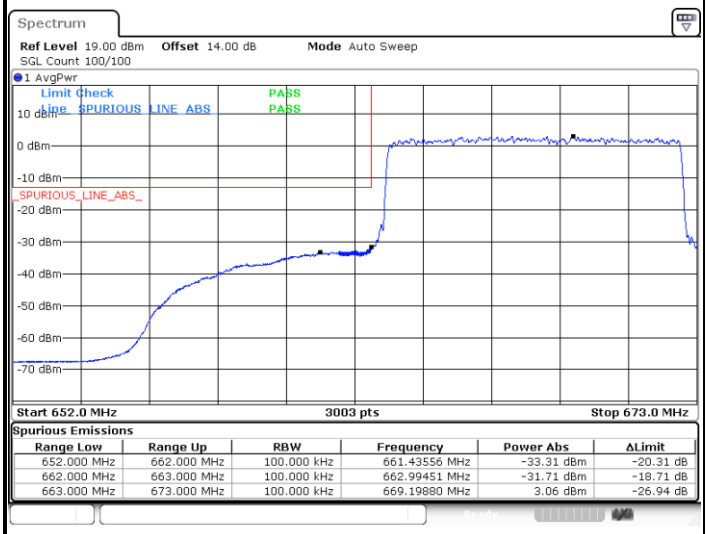


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.40559 MHz	20.34 dBm	-9.66 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00050 MHz	-32.47 dBm	-19.47 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-53.75 dBm	-40.75 dB

Date: 28.MAR.2020 14:22:37

Lowest Band Edge / Full RB

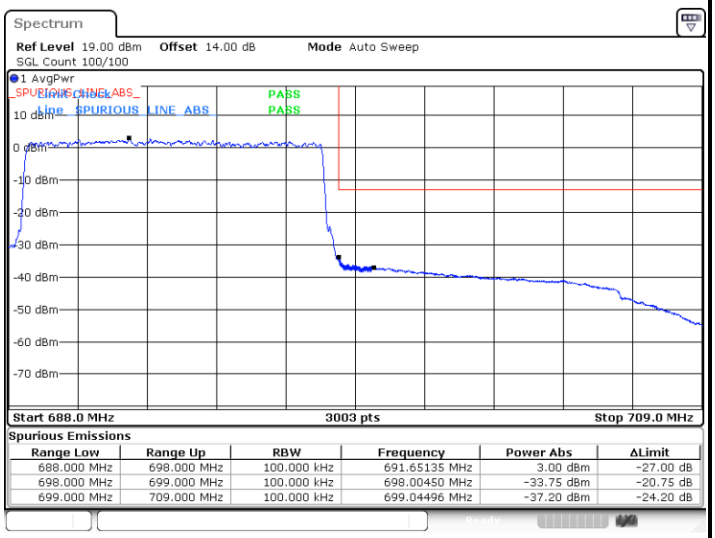


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.43556 MHz	-33.31 dBm	-20.31 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99451 MHz	-31.71 dBm	-18.71 dB
663.000 MHz	673.000 MHz	100.000 kHz	669.19880 MHz	3.06 dBm	-26.94 dB

Date: 28.MAR.2020 14:15:42

Highest Band Edge / Full RB



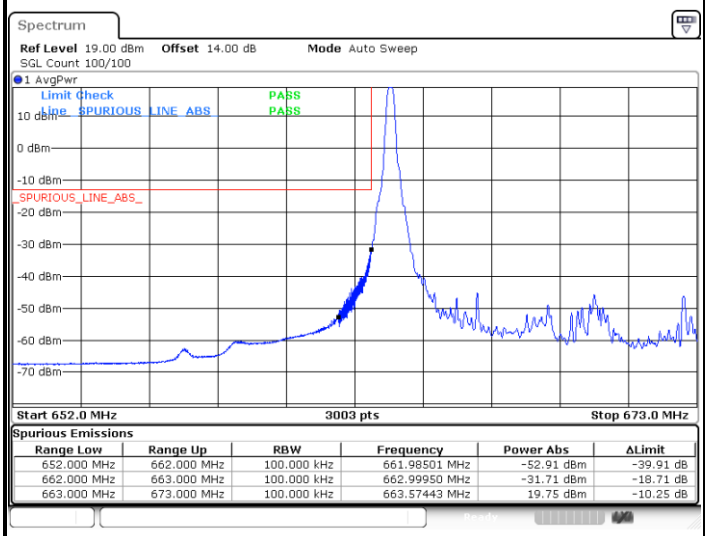
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	691.65135 MHz	3.00 dBm	-27.00 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00450 MHz	-33.75 dBm	-20.75 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.04496 MHz	-37.20 dBm	-24.20 dB

Date: 28.MAR.2020 14:18:35

LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

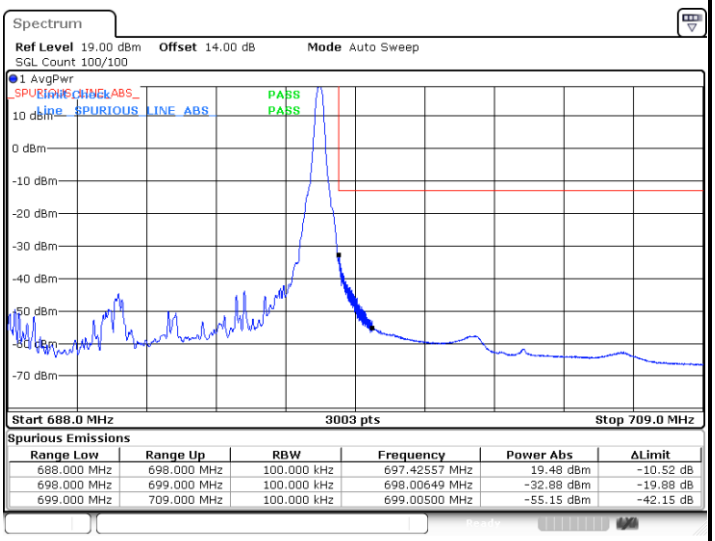


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-52.91 dBm	-39.91 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99950 MHz	-31.71 dBm	-18.71 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.57443 MHz	19.75 dBm	-10.25 dB

Date: 28.MAR.2020 14:12:13

Highest Band Edge / 1 RB

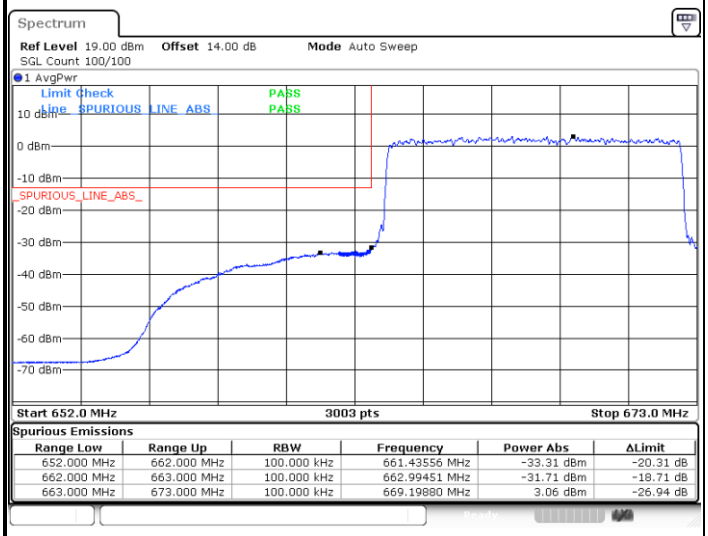


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.42557 MHz	19.48 dBm	-10.52 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00649 MHz	-32.88 dBm	-19.88 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.00500 MHz	-55.15 dBm	-42.15 dB

Date: 28.MAR.2020 14:23:17

Lowest Band Edge / Full RB

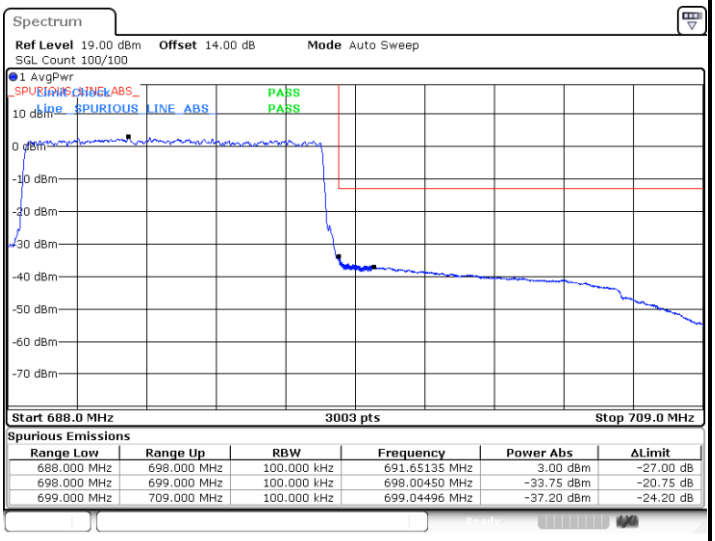


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.43556 MHz	-33.31 dBm	-20.31 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99451 MHz	-31.71 dBm	-18.71 dB
663.000 MHz	673.000 MHz	100.000 kHz	669.19880 MHz	3.06 dBm	-26.94 dB

Date: 28.MAR.2020 14:15:42

Highest Band Edge / Full RB



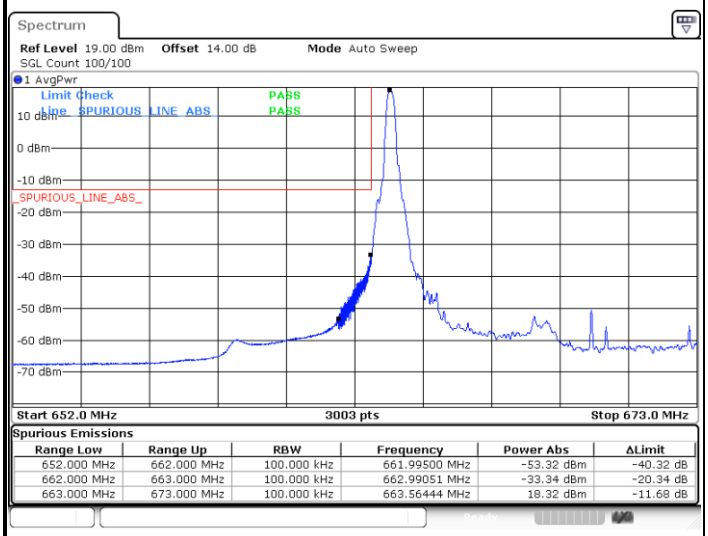
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	691.65135 MHz	3.00 dBm	-27.00 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00450 MHz	-33.75 dBm	-20.75 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.04496 MHz	-37.20 dBm	-24.20 dB

Date: 28.MAR.2020 14:18:35

LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

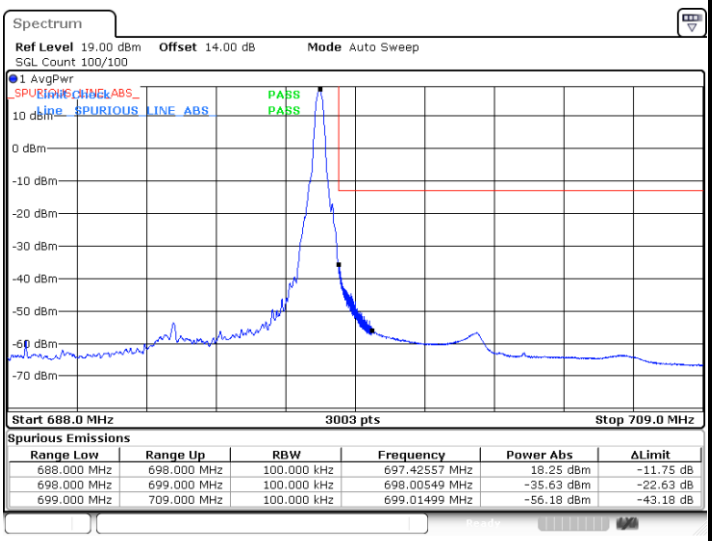


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.99500 MHz	-53.32 dBm	-40.32 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99051 MHz	-33.34 dBm	-20.34 dB
663.000 MHz	673.000 MHz	100.000 kHz	663.56444 MHz	18.32 dBm	-11.68 dB

Date: 28.MAR.2020 14:13:13

Highest Band Edge / 1 RB

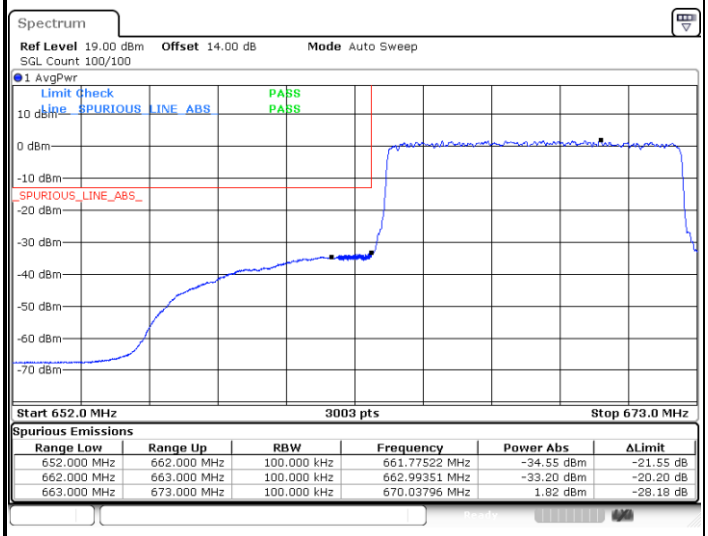


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	697.42557 MHz	18.25 dBm	-11.75 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00549 MHz	-35.63 dBm	-22.63 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-56.18 dBm	-43.18 dB

Date: 28.MAR.2020 14:24:05

Lowest Band Edge / Full RB

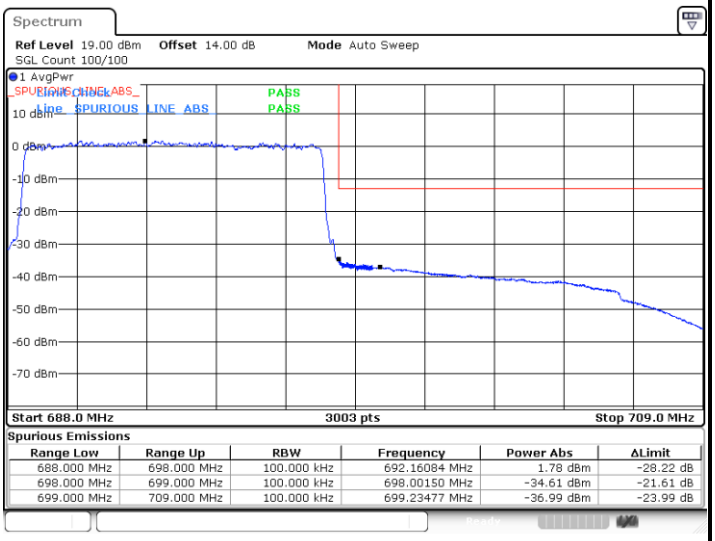


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.77522 MHz	-34.55 dBm	-21.55 dB
662.000 MHz	663.000 MHz	100.000 kHz	662.99351 MHz	-33.20 dBm	-20.20 dB
663.000 MHz	673.000 MHz	100.000 kHz	670.03796 MHz	1.82 dBm	-28.18 dB

Date: 28.MAR.2020 14:14:39

Highest Band Edge / Full RB



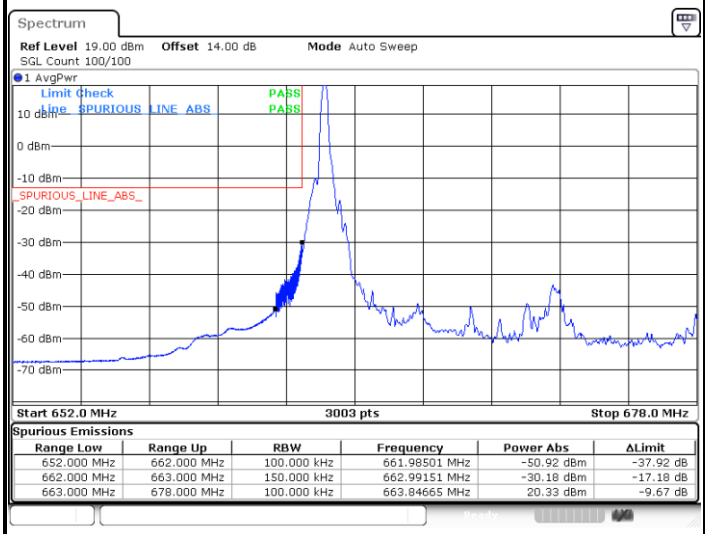
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
688.000 MHz	698.000 MHz	100.000 kHz	692.16084 MHz	1.78 dBm	-28.22 dB
698.000 MHz	699.000 MHz	100.000 kHz	698.00150 MHz	-34.61 dBm	-21.61 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.23477 MHz	-36.99 dBm	-23.99 dB

Date: 28.MAR.2020 14:25:11

LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB

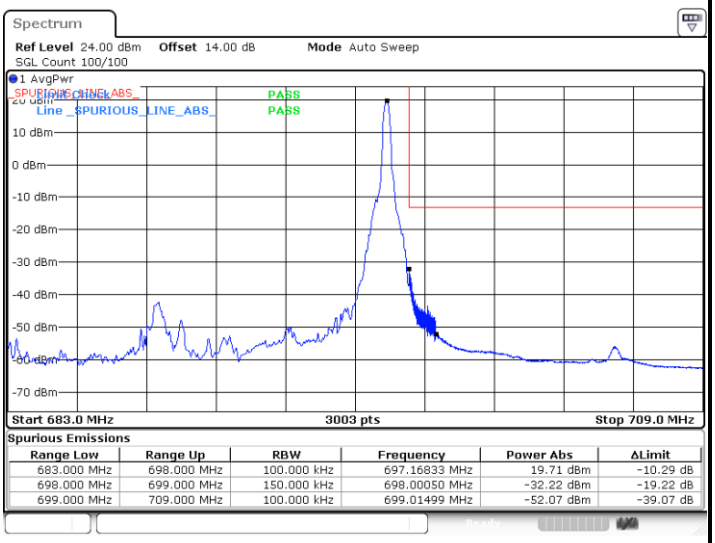


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.98501 MHz	-50.92 dBm	-37.92 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99151 MHz	-30.18 dBm	-17.18 dB
663.000 MHz	678.000 MHz	100.000 kHz	663.84665 MHz	20.33 dBm	-9.67 dB

Date: 28.MAR.2020 14:33:06

Highest Band Edge / 1 RB

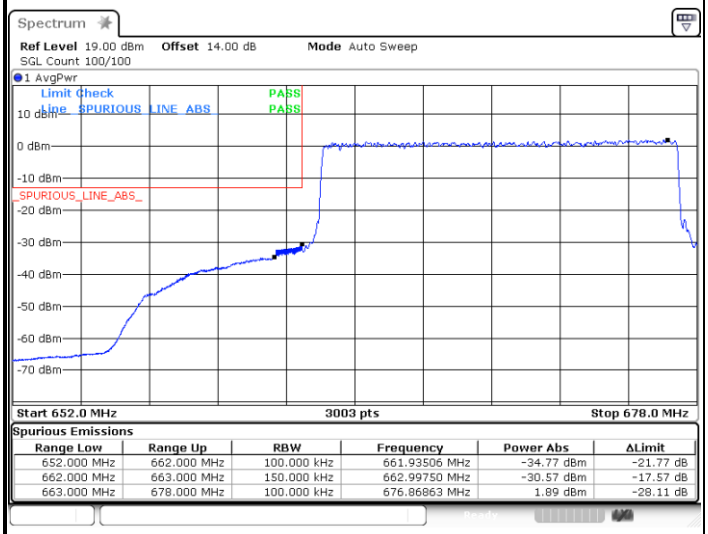


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	697.16833 MHz	19.71 dBm	-10.29 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.00050 MHz	-32.22 dBm	-19.22 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.01499 MHz	-52.07 dBm	-39.07 dB

Date: 28.MAR.2020 14:47:04

Lowest Band Edge / Full RB

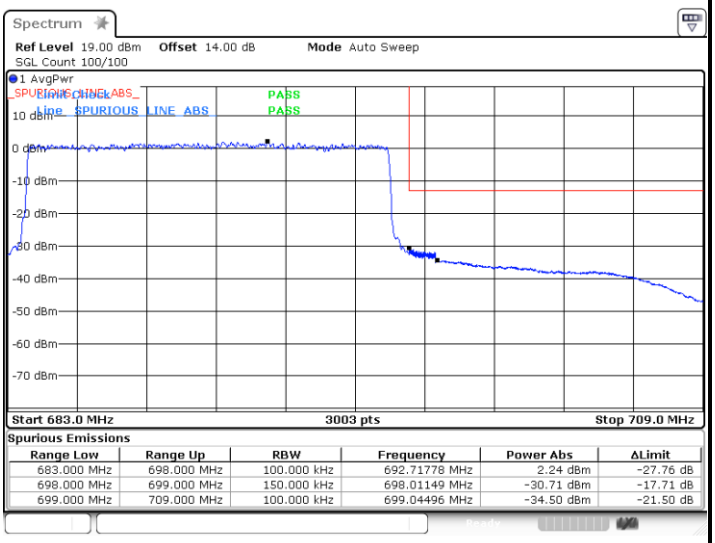


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
652.000 MHz	662.000 MHz	100.000 kHz	661.93506 MHz	-34.77 dBm	-21.77 dB
662.000 MHz	663.000 MHz	150.000 kHz	662.99750 MHz	-30.57 dBm	-17.57 dB
663.000 MHz	678.000 MHz	100.000 kHz	676.86863 MHz	1.89 dBm	-28.11 dB

Date: 28.MAR.2020 14:39:21

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
683.000 MHz	698.000 MHz	100.000 kHz	692.71778 MHz	2.24 dBm	-27.76 dB
698.000 MHz	699.000 MHz	150.000 kHz	698.01149 MHz	-30.71 dBm	-17.71 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.04496 MHz	-34.50 dBm	-21.50 dB

Date: 28.MAR.2020 14:41:35