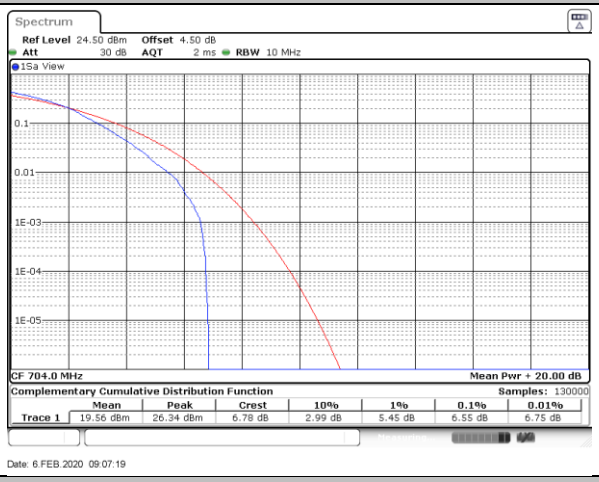
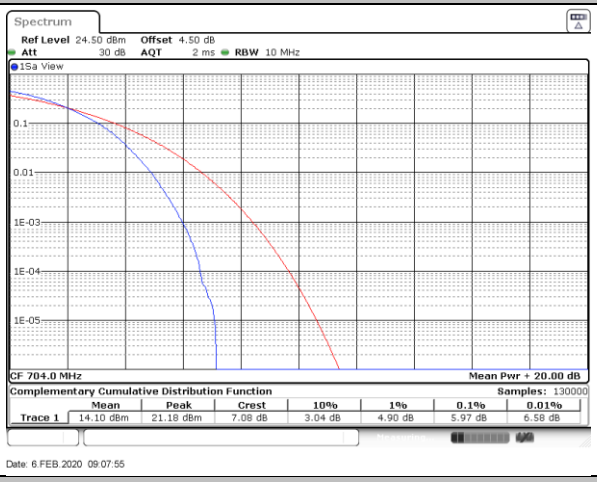
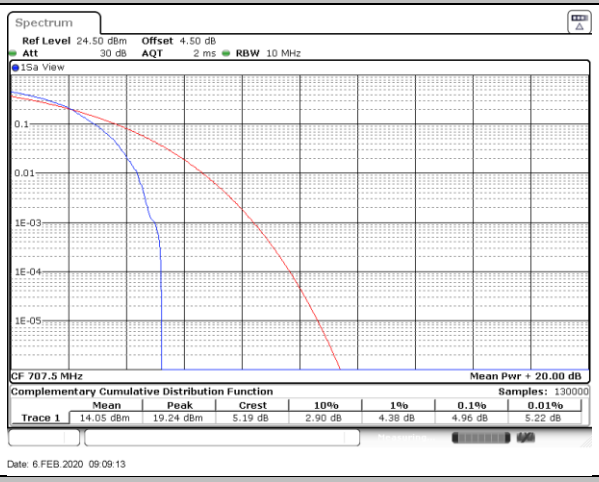
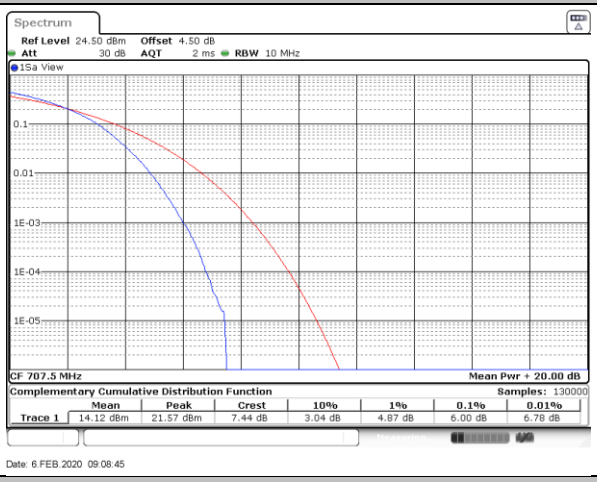
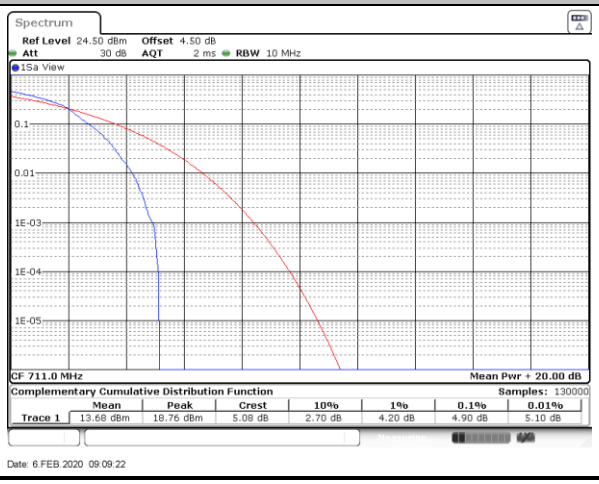
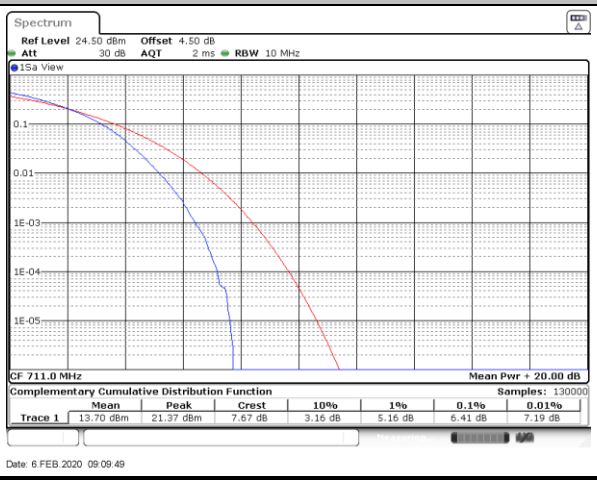
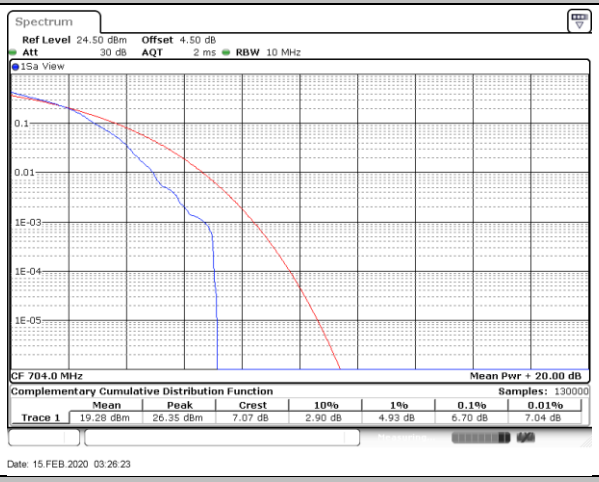
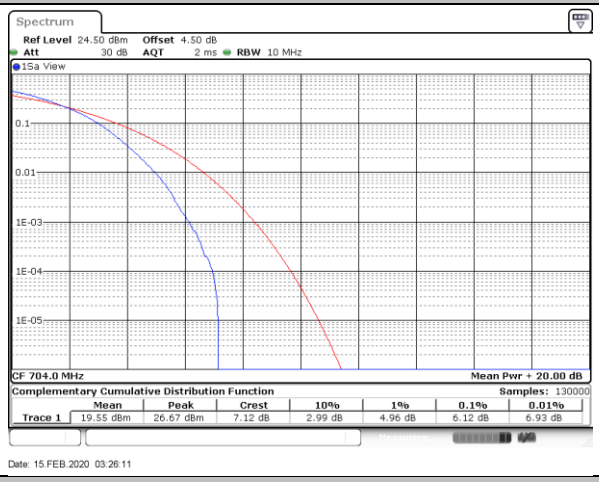
LTE Band 12 / 10MHz / 16QAM	
Lowest Channel / 1RB	**Lowest Channel / Full RB**
	
Middle Channel / 1RB	**Middle Channel / Full RB**
	
Highest Channel / 1RB	**Highest Channel / Full RB**
	

LTE Band 12 / 10MHz / 64QAM

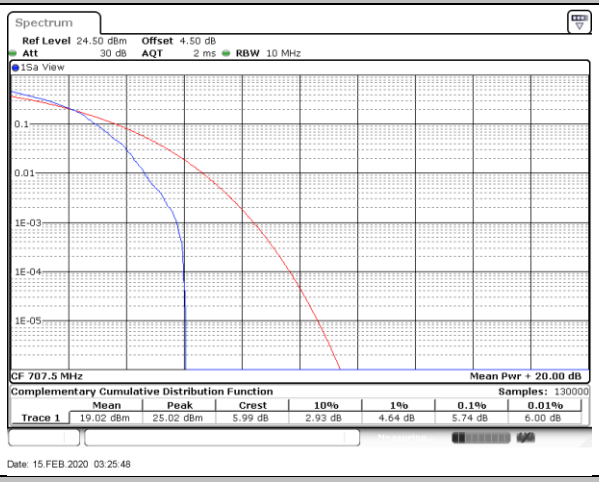
Lowest Channel / 1RB



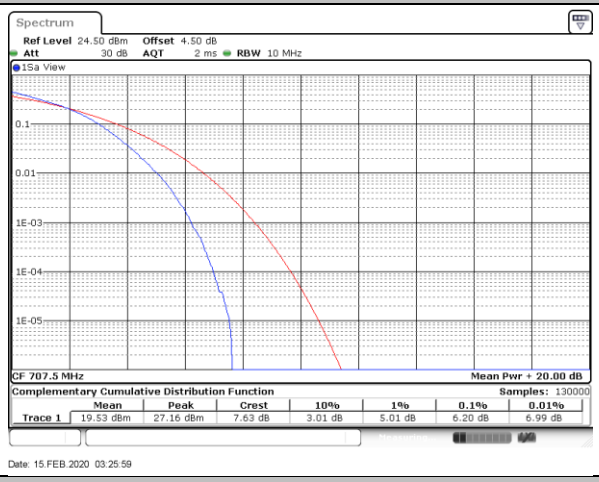
Lowest Channel / Full RB



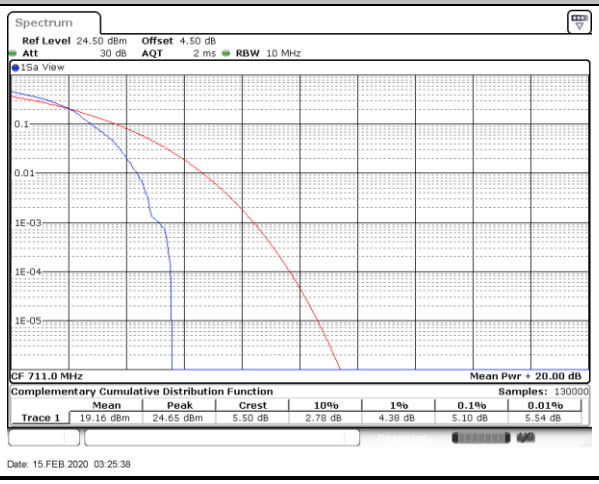
Middle Channel / 1RB



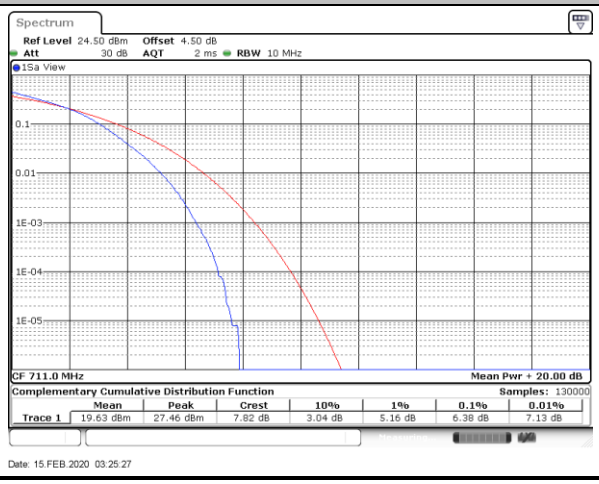
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



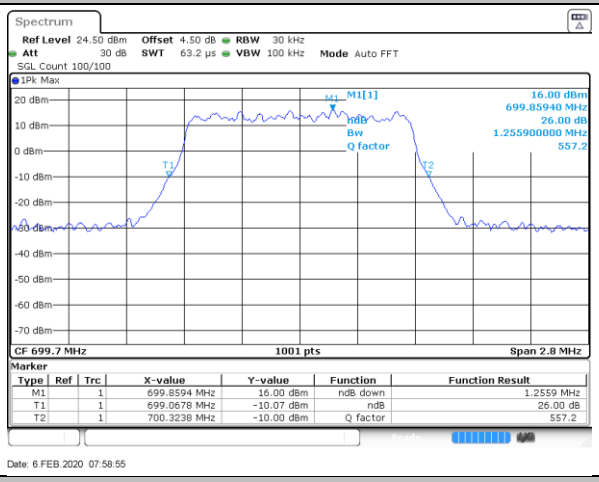
26dB Bandwidth

Mode	LTE Band 12 : 26dB BW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.26	1.27	2.97	2.96	5.00	5.07	9.87	9.73
Middle CH	1.25	1.28	2.97	2.93	5.16	5.05	9.79	9.75
Highest CH	1.30	1.26	2.99	2.97	5.02	4.95	10.17	9.95

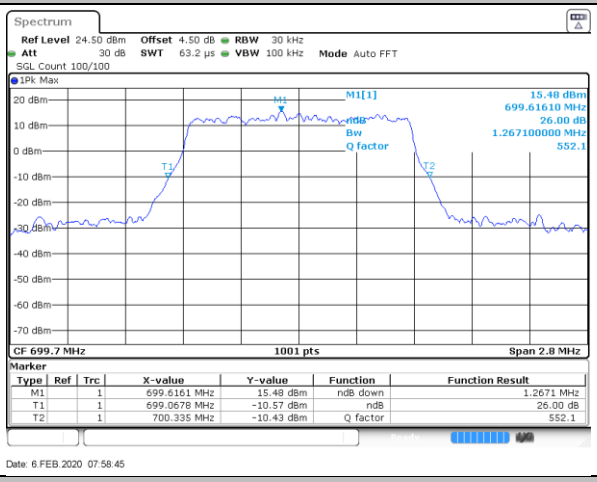
Mode	LTE Band 12 : 26dB BW(MHz)			
BW	1.4MHz	3MHz	5MHz	10MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.26	2.93	5.15	9.79
Middle CH	1.27	2.95	5.06	9.79
Highest CH	1.24	2.96	5.09	10.19

LTE Band 12

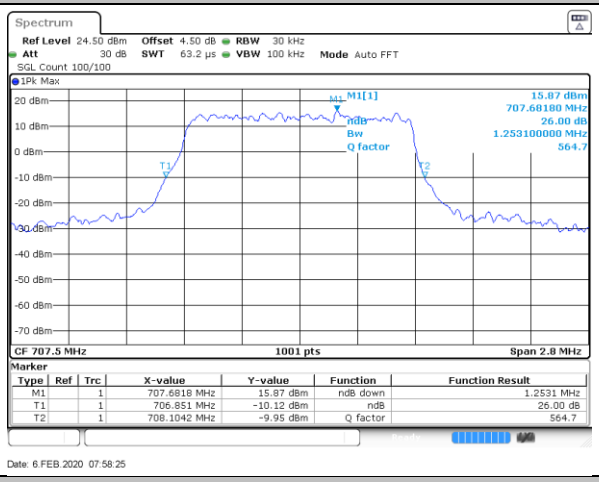
Lowest Channel / 1.4MHz / QPSK



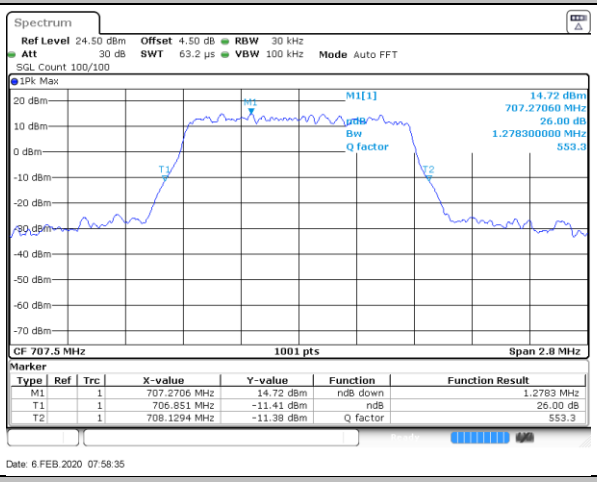
Lowest Channel / 1.4MHz / 16QAM



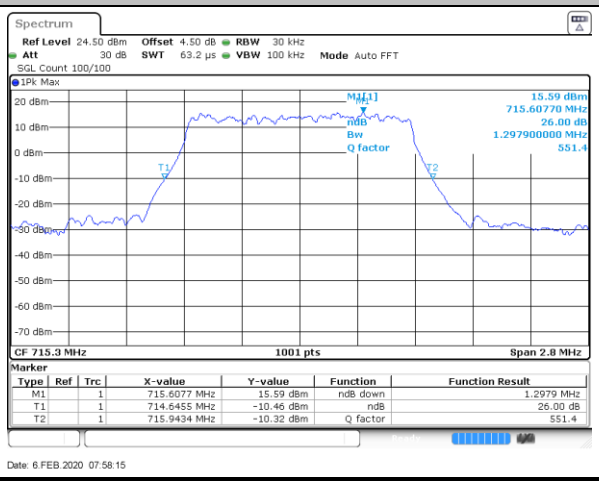
Middle Channel / 1.4MHz / QPSK



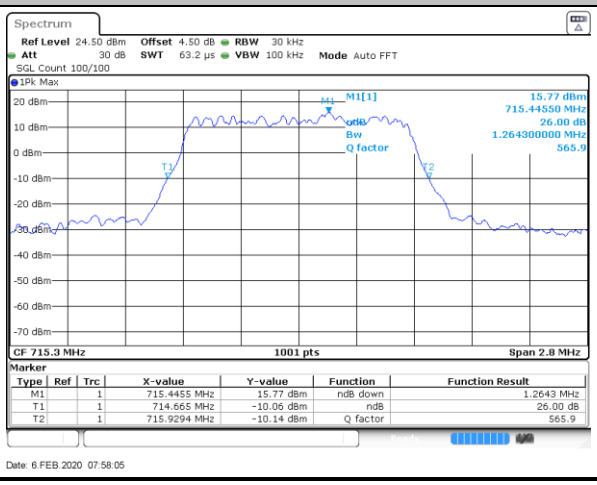
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

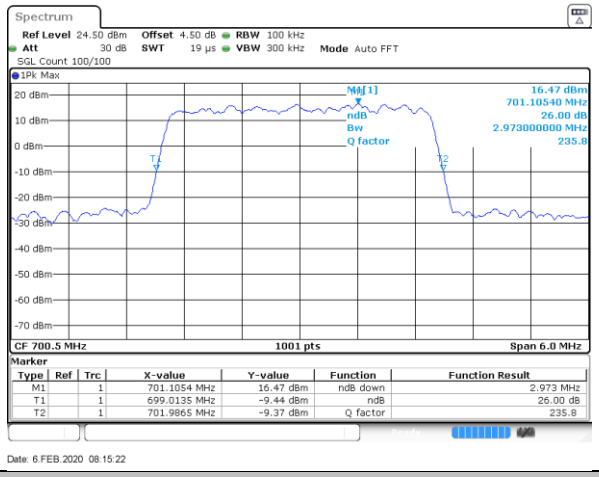


Highest Channel / 1.4MHz / 16QAM

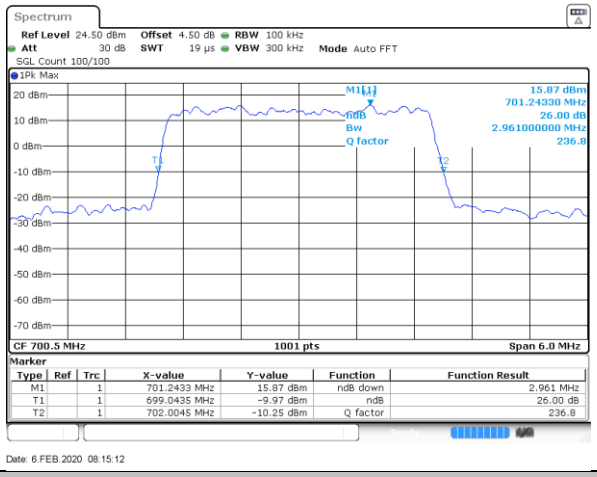


LTE Band 12

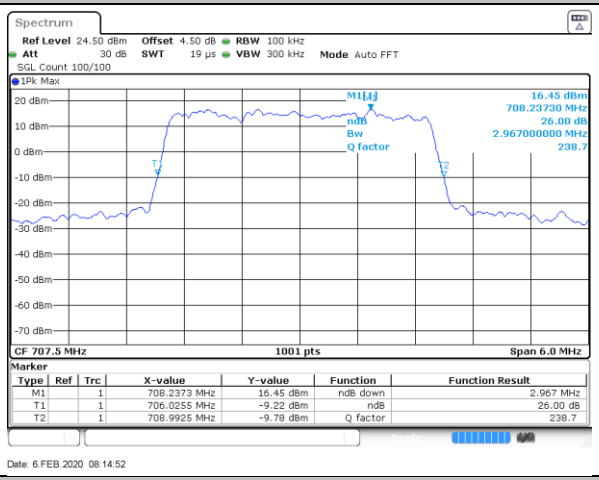
Lowest Channel / 3MHz / QPSK



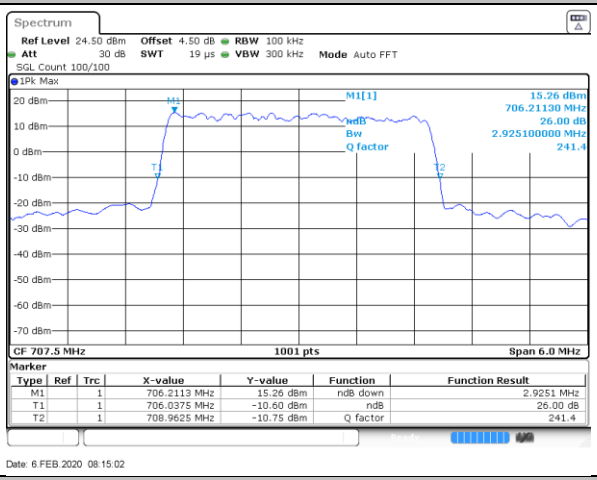
Lowest Channel / 3MHz / 16QAM



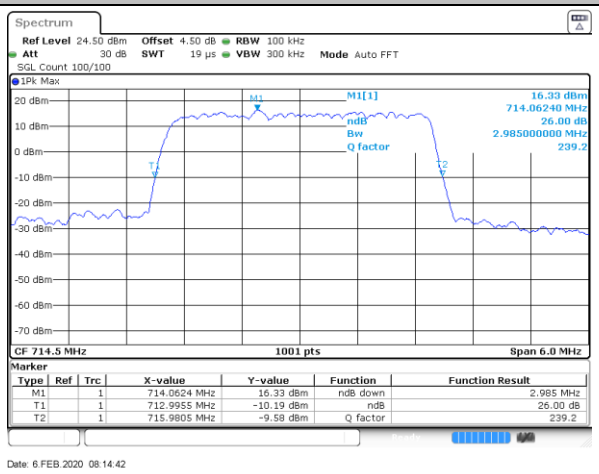
Middle Channel / 3MHz / QPSK



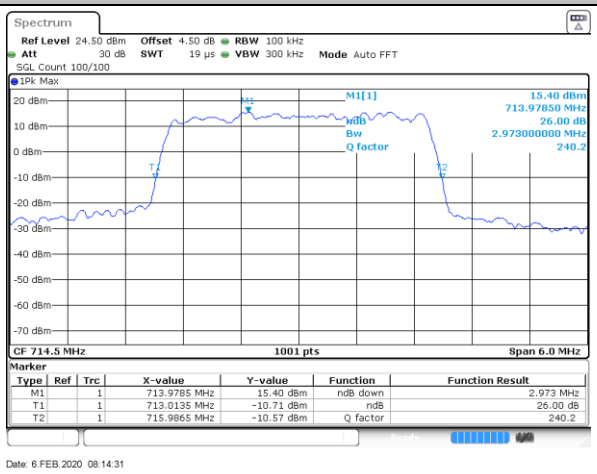
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

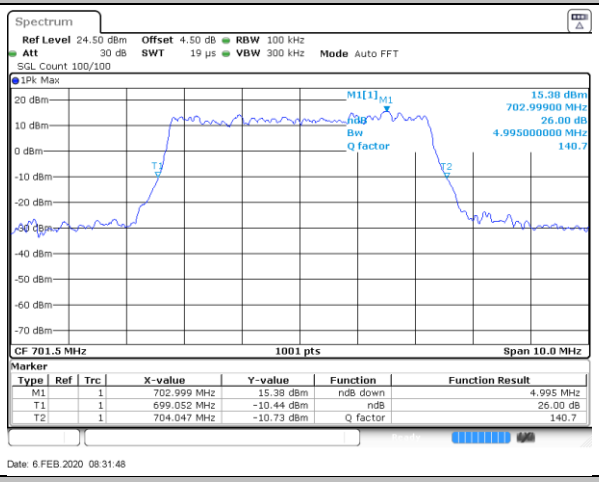


Highest Channel / 3MHz / 16QAM

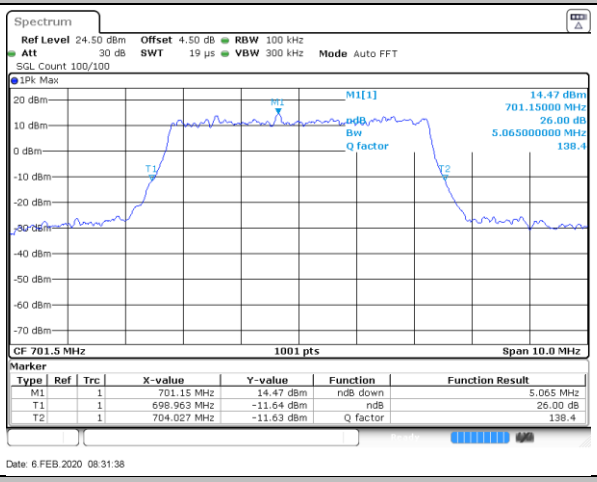


LTE Band 12

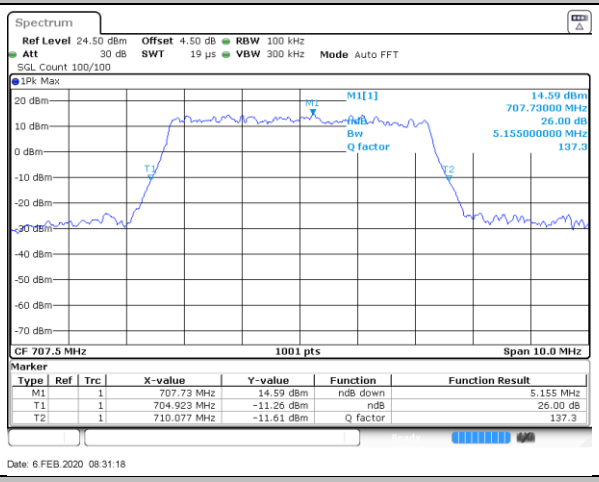
Lowest Channel / 5MHz / QPSK



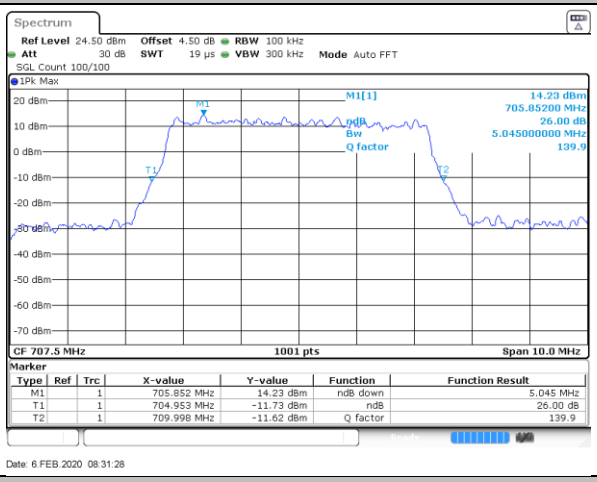
Lowest Channel / 5MHz / 16QAM



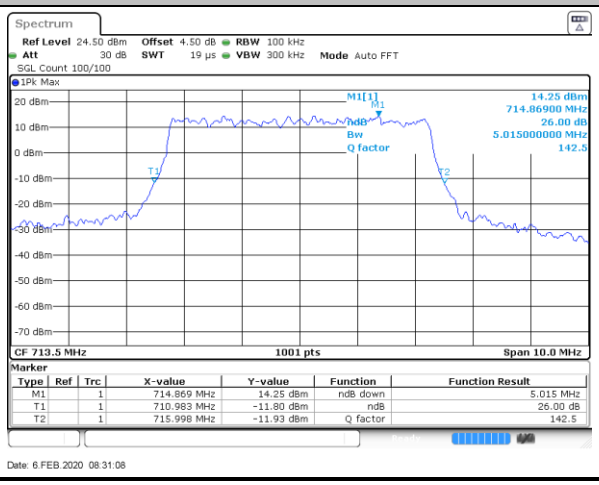
Middle Channel / 5MHz / QPSK



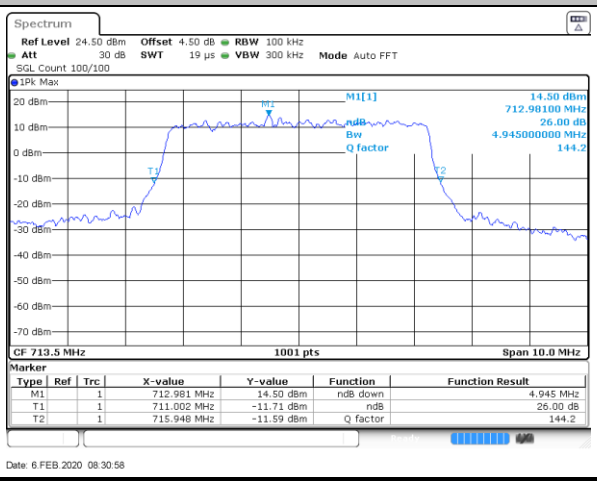
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

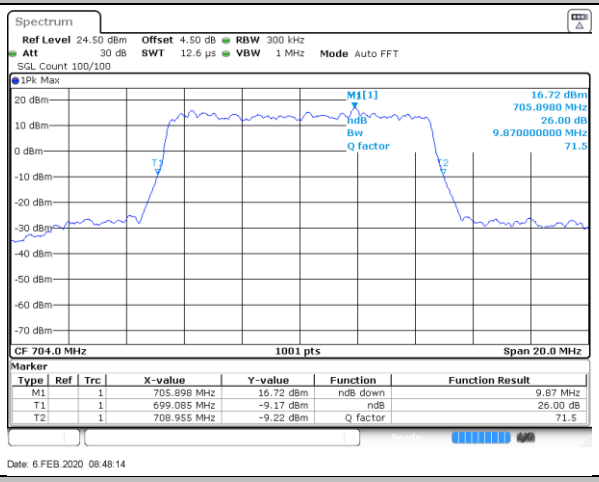


Highest Channel / 5MHz / 16QAM

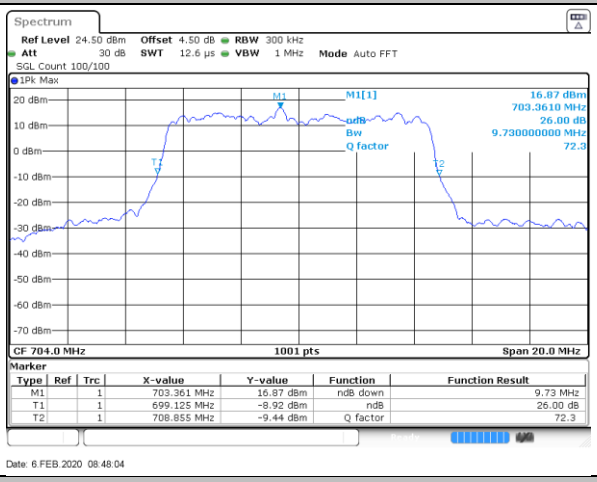


LTE Band 12

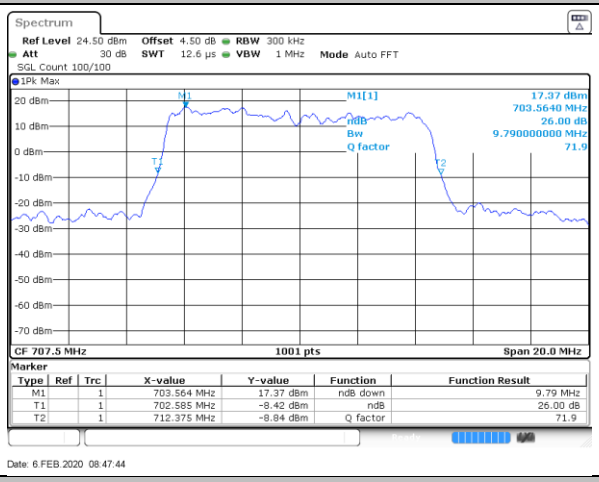
Lowest Channel / 10MHz / QPSK



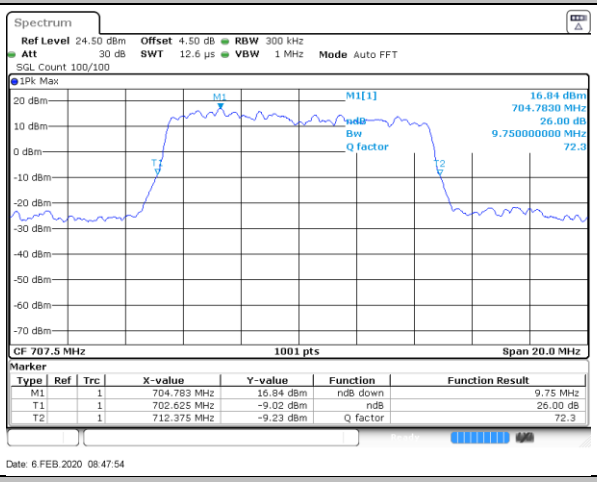
Lowest Channel / 10MHz / 16QAM



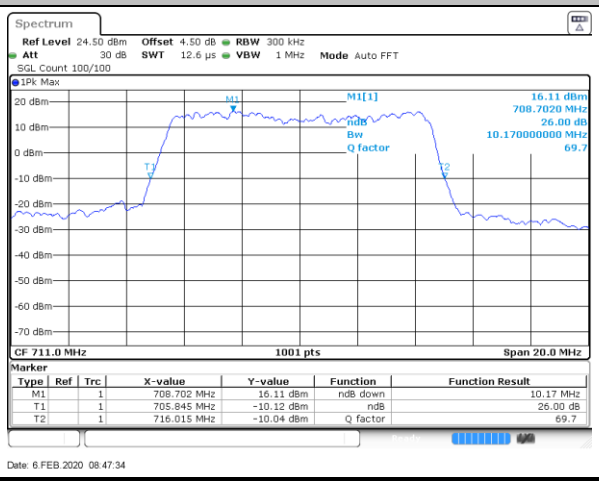
Middle Channel / 10MHz / QPSK



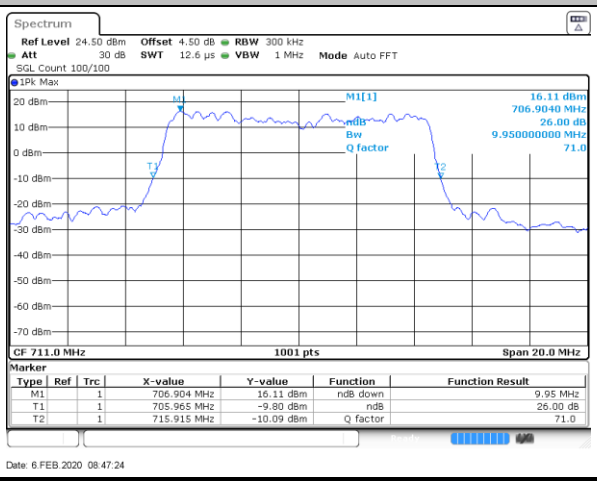
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

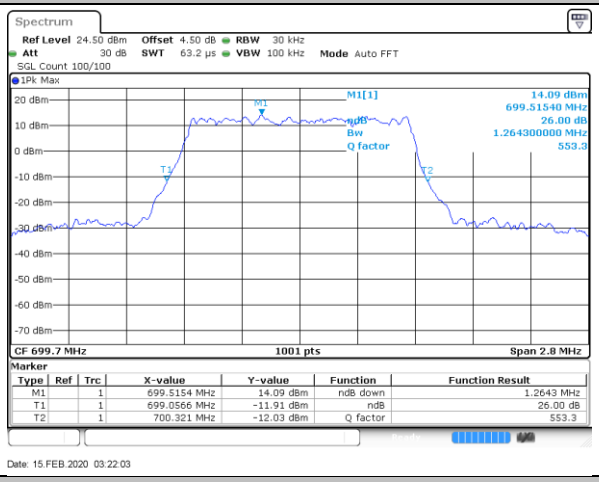


Highest Channel / 10MHz / 16QAM

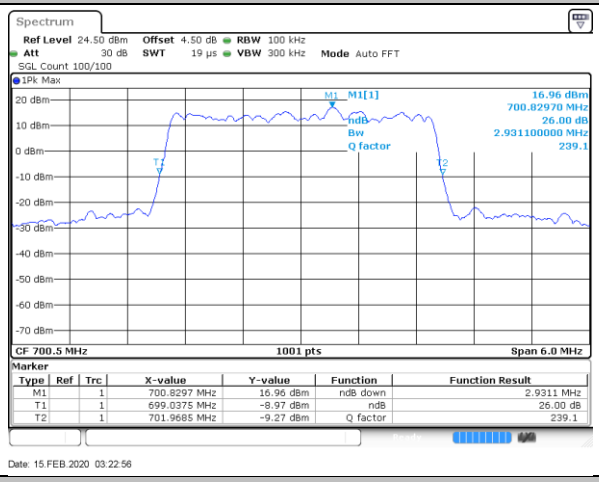


LTE Band 12

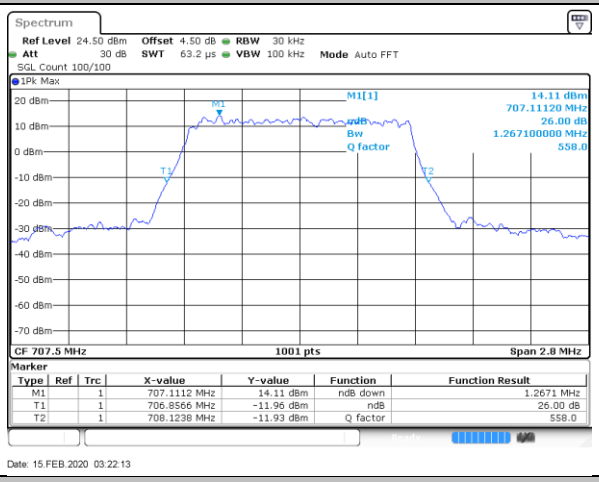
Lowest Channel / 1.4MHz / 64QAM



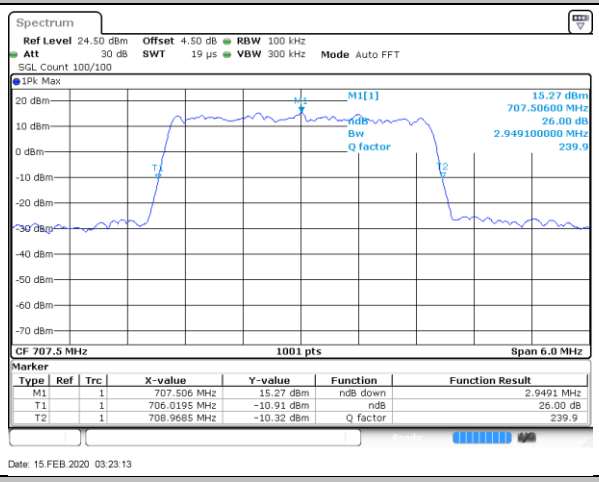
Lowest Channel / 3MHz / 64QAM



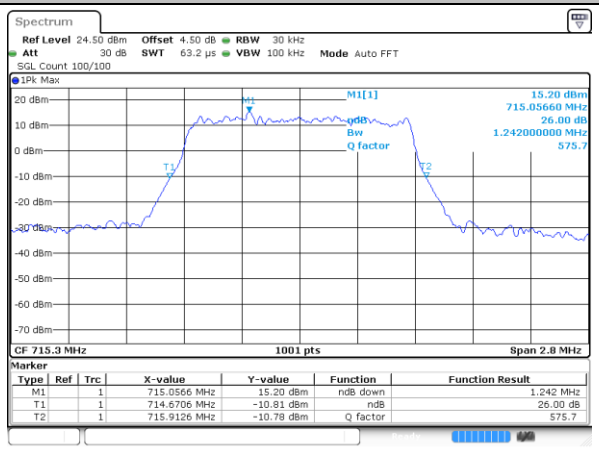
Middle Channel / 1.4MHz / 64QAM



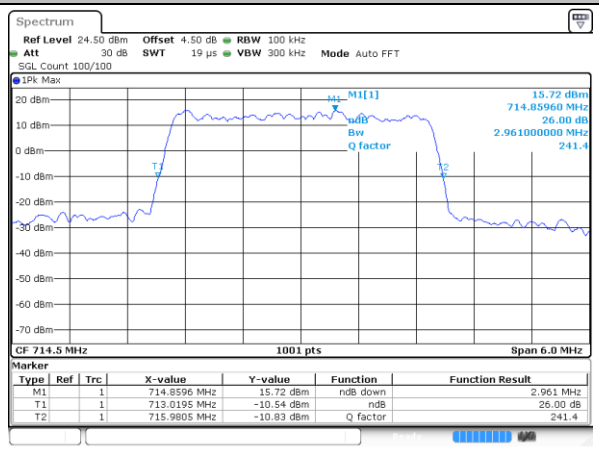
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

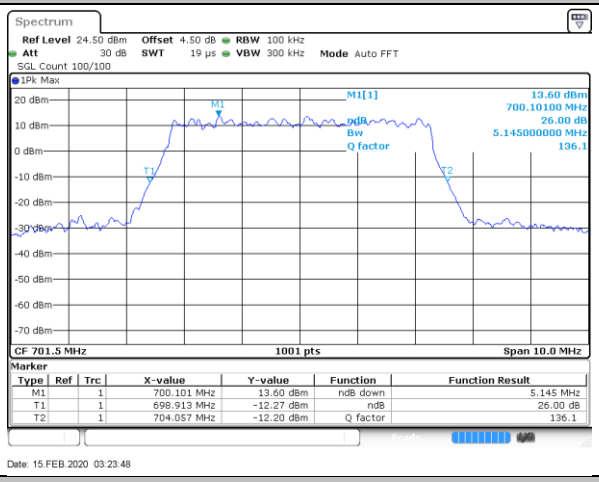


Highest Channel / 3MHz / 64QAM

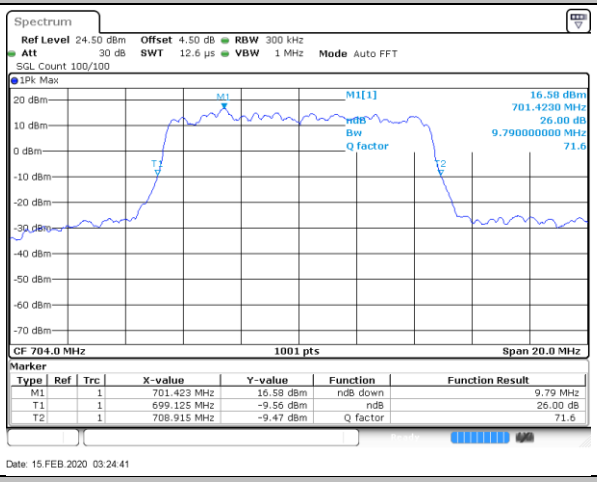


LTE Band 12

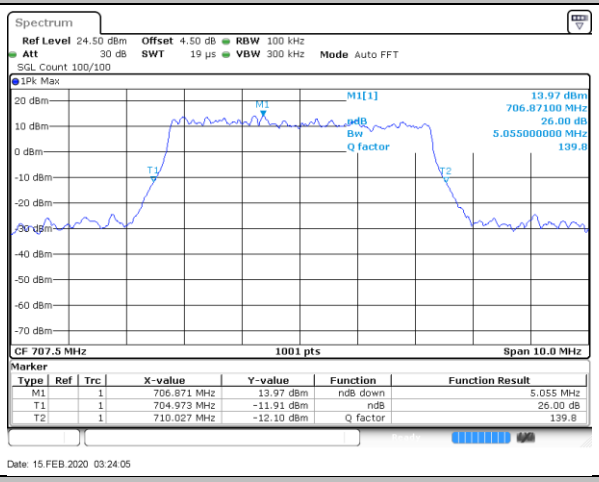
Lowest Channel / 5MHz / 64QAM



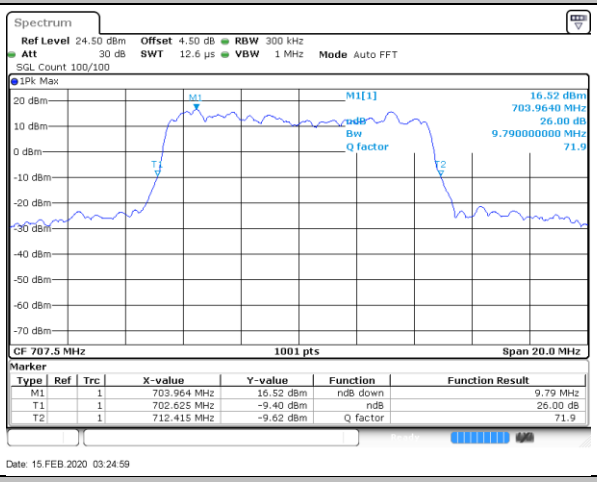
Lowest Channel / 10MHz / 64QAM



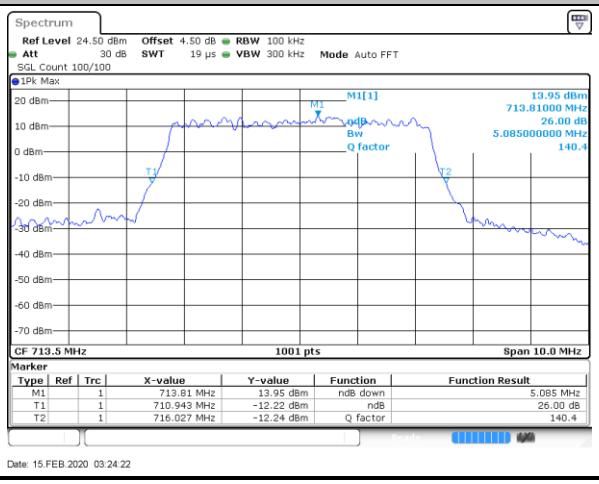
Middle Channel / 5MHz / 64QAM



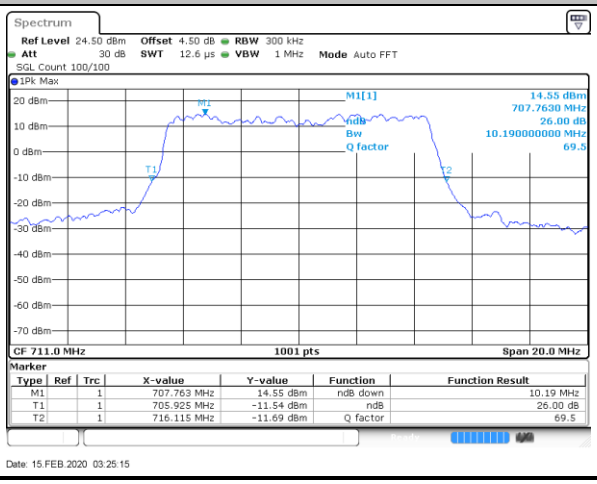
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



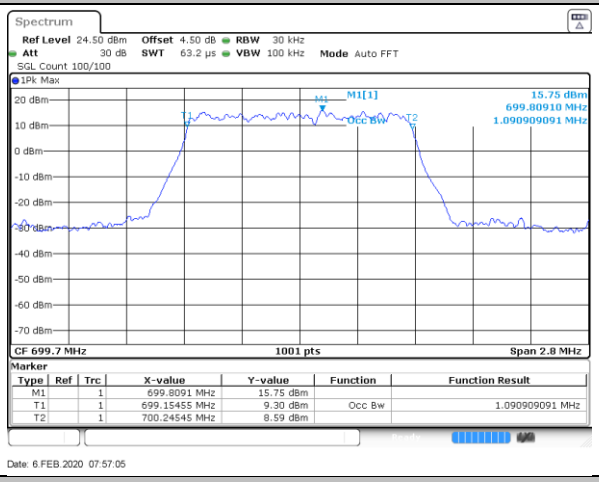
Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.71	4.47	4.53	9.15	9.01
Middle CH	1.08	1.10	2.72	2.70	4.51	4.50	9.05	9.09
Highest CH	1.09	1.09	2.70	2.72	4.52	4.51	9.15	9.05

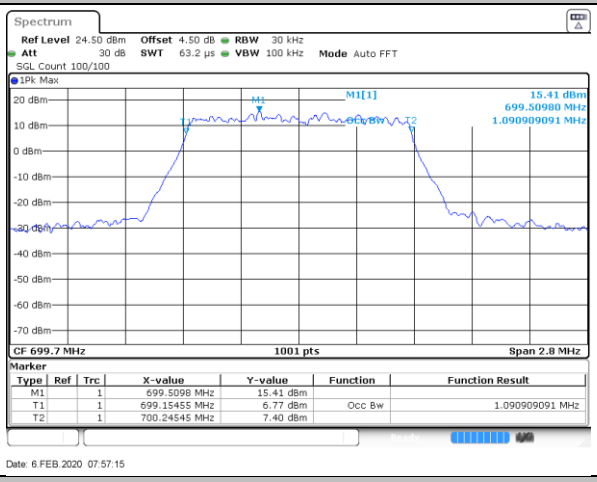
Mode	LTE Band 12 : 99%OBW(MHz)			
BW	1.4MHz	3MHz	5MHz	10MHz
Mod.	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	2.72	4.51	9.03
Middle CH	1.09	2.72	4.46	9.01
Highest CH	1.10	2.70	4.49	9.05

LTE Band 12

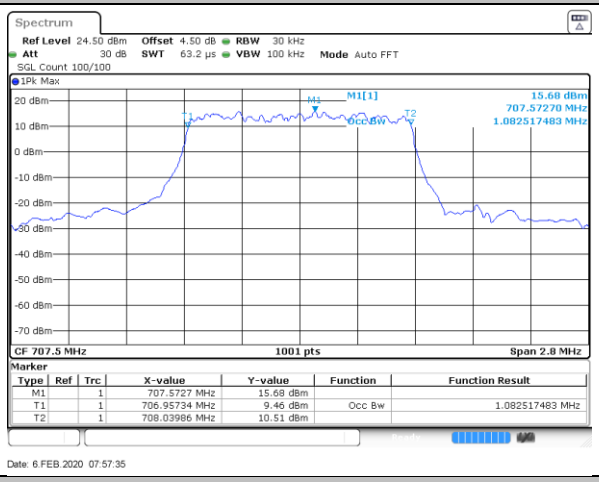
Lowest Channel / 1.4MHz / QPSK



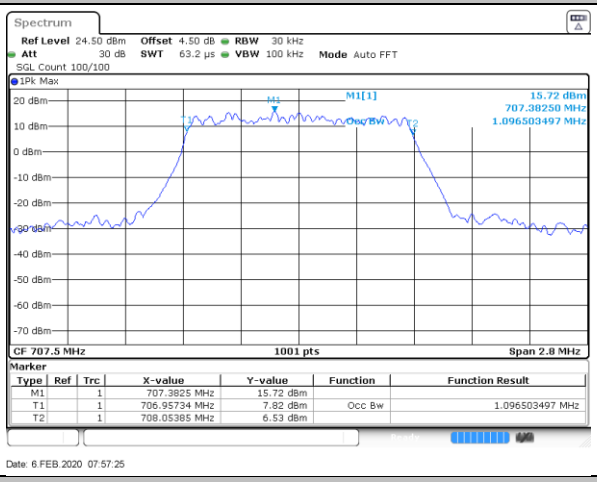
Lowest Channel / 1.4MHz / 16QAM



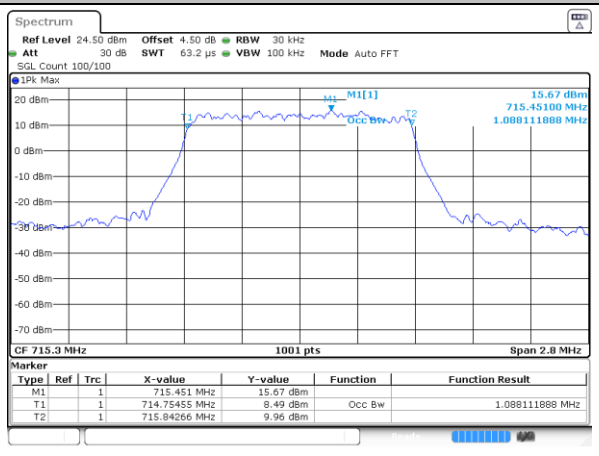
Middle Channel / 1.4MHz / QPSK



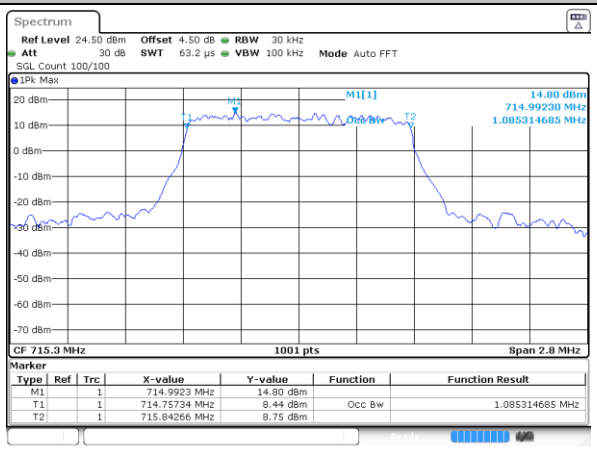
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

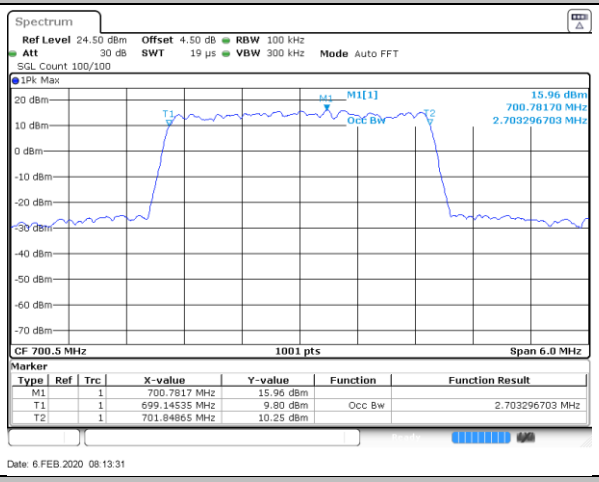


Highest Channel / 1.4MHz / 16QAM

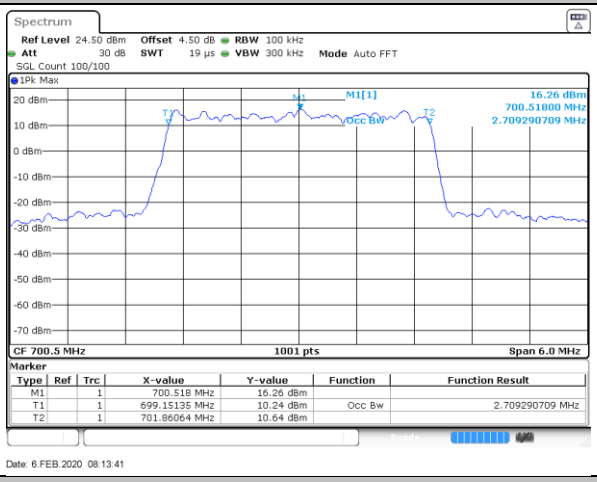


LTE Band 12

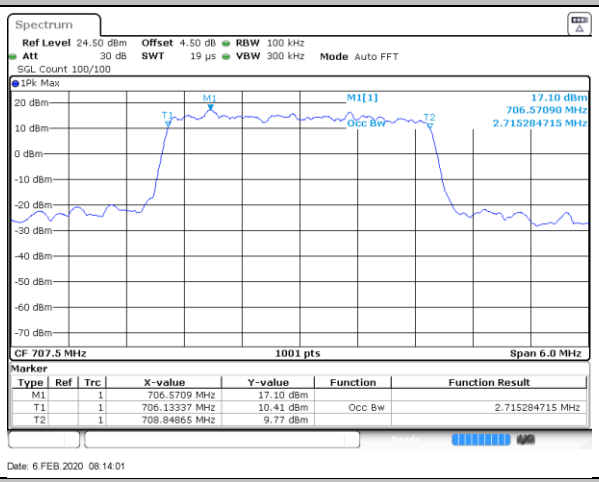
Lowest Channel / 3MHz / QPSK



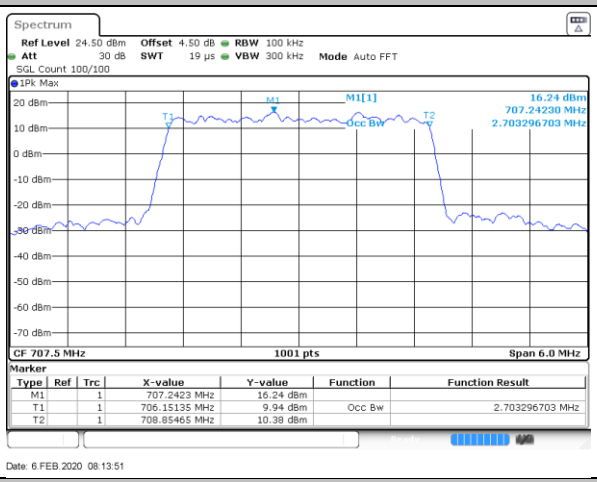
Lowest Channel / 3MHz / 16QAM



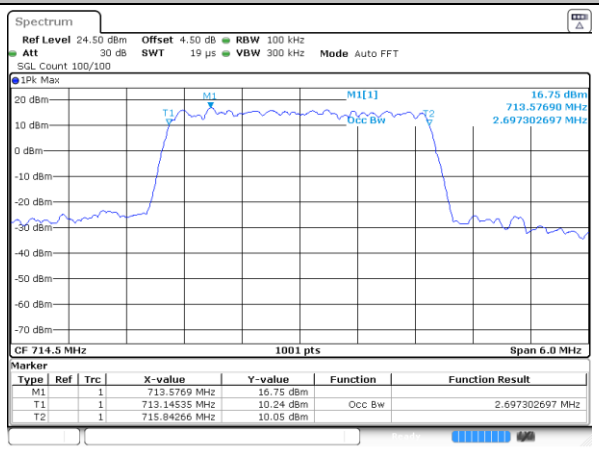
Middle Channel / 3MHz / QPSK



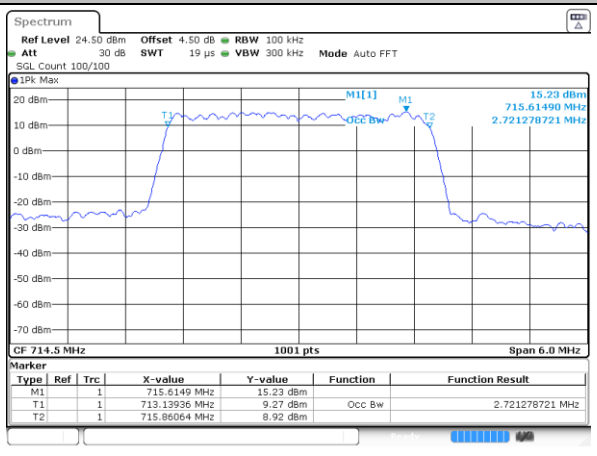
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

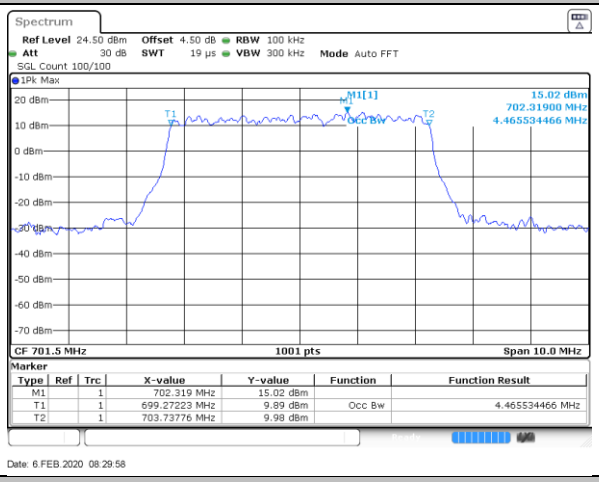


Highest Channel / 3MHz / 16QAM

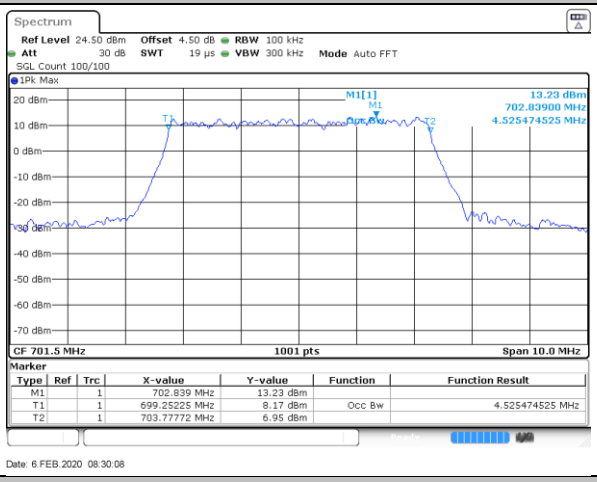


LTE Band 12

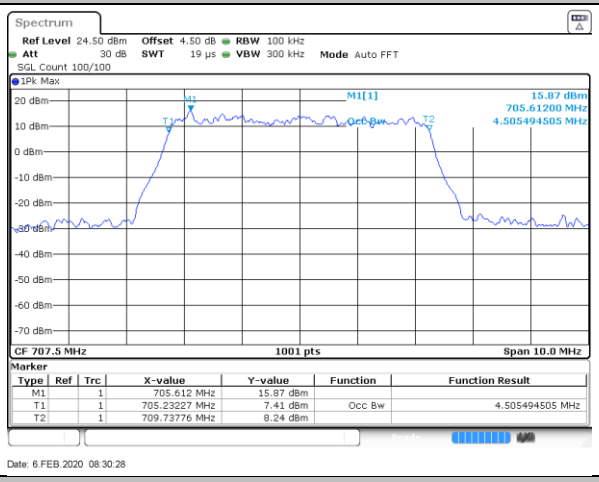
Lowest Channel / 5MHz / QPSK



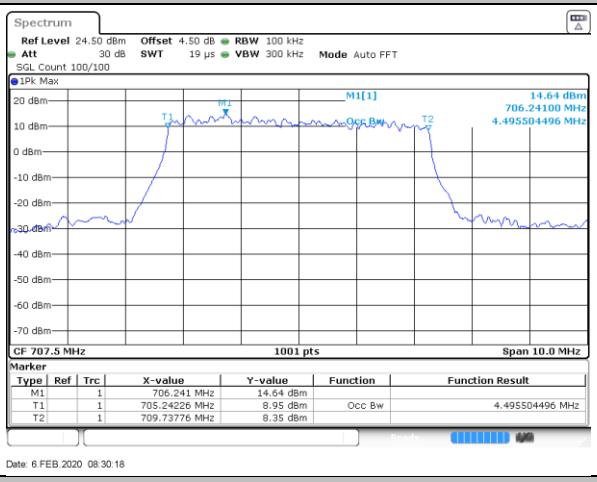
Lowest Channel / 5MHz / 16QAM



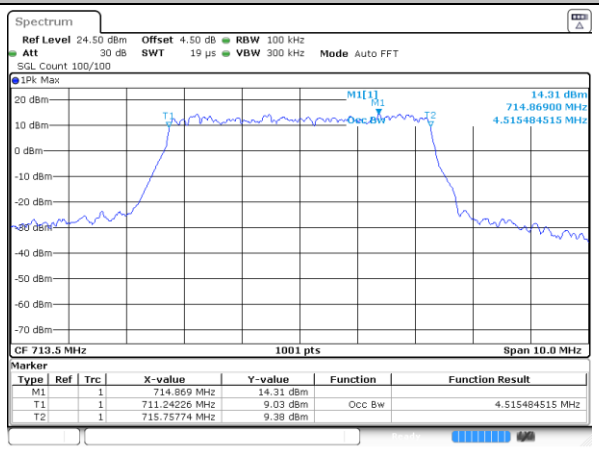
Middle Channel / 5MHz / QPSK



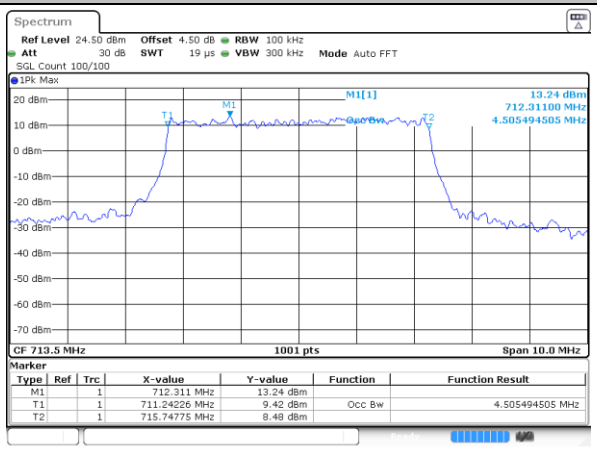
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

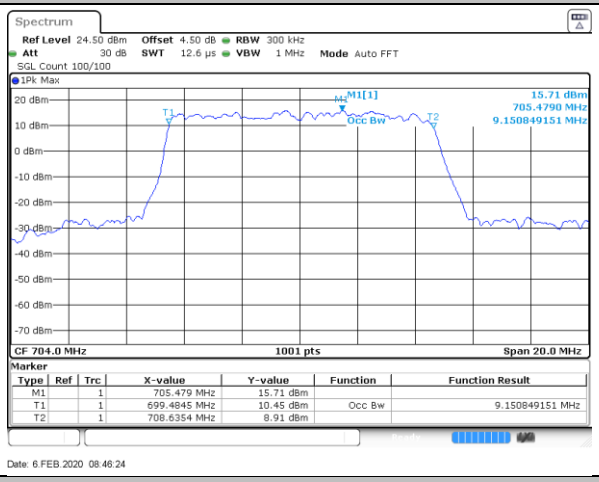


Highest Channel / 5MHz / 16QAM

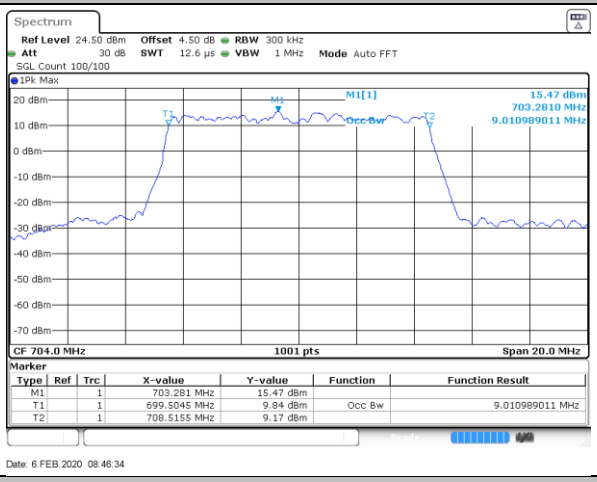


LTE Band 12

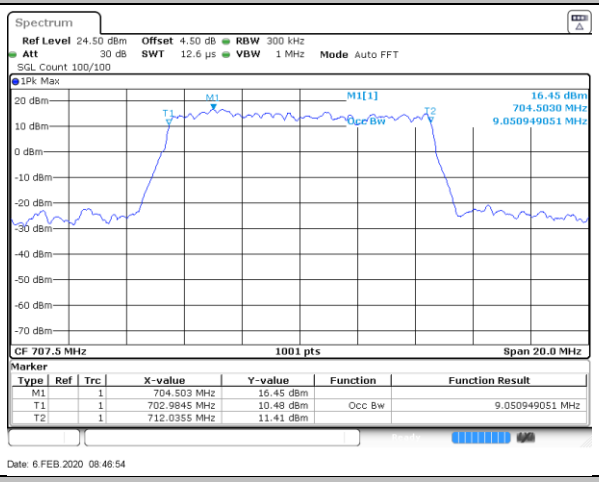
Lowest Channel / 10MHz / QPSK



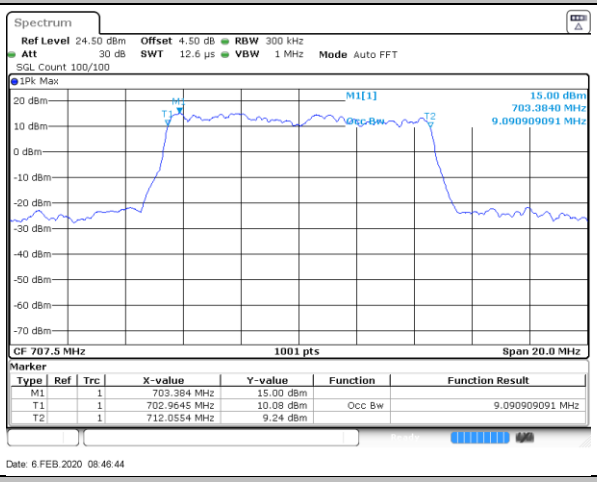
Lowest Channel / 10MHz / 16QAM



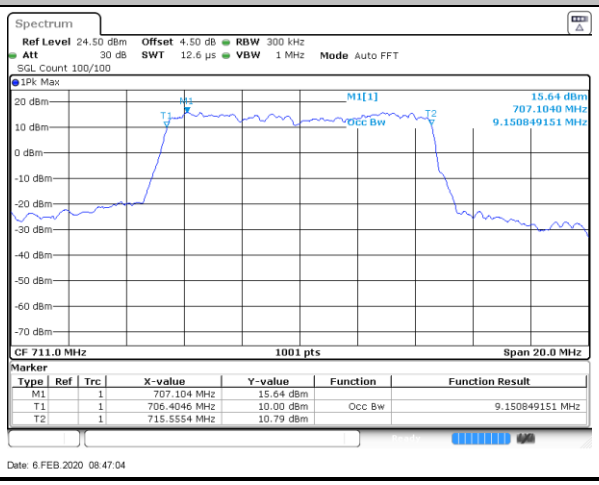
Middle Channel / 10MHz / QPSK



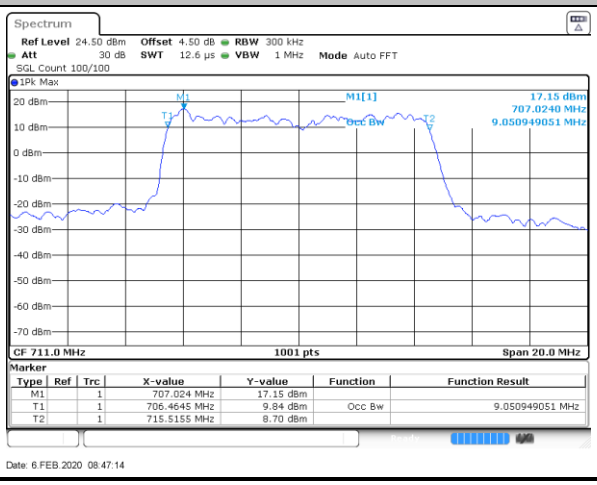
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

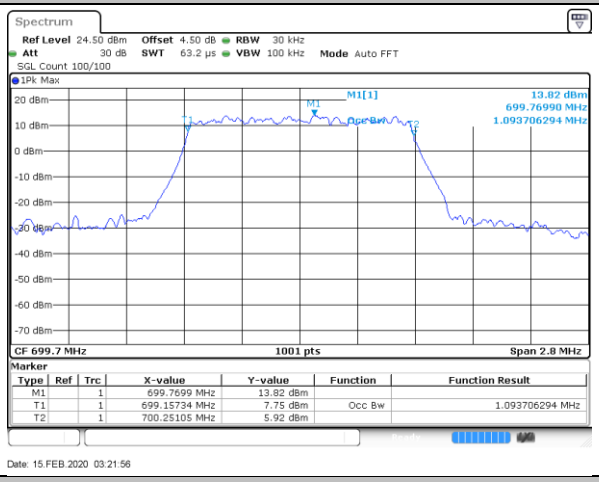


Highest Channel / 10MHz / 16QAM

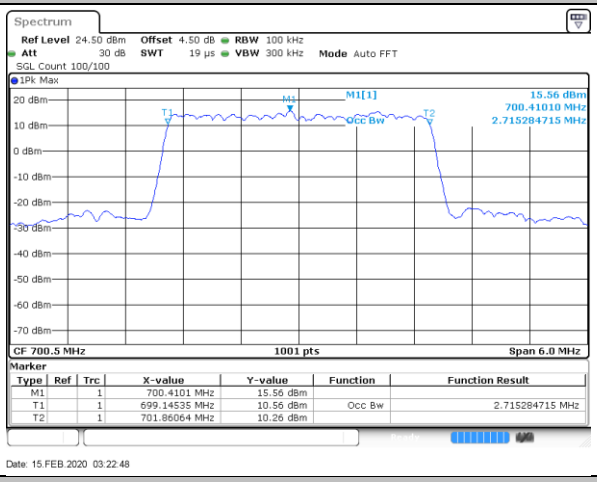


LTE Band 12

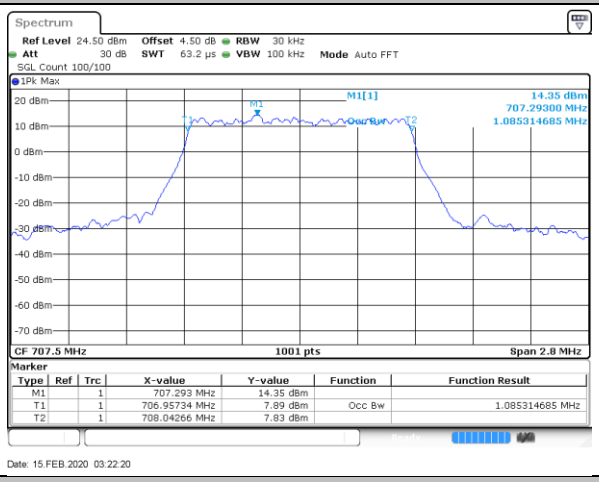
Lowest Channel / 1.4MHz / 64QAM



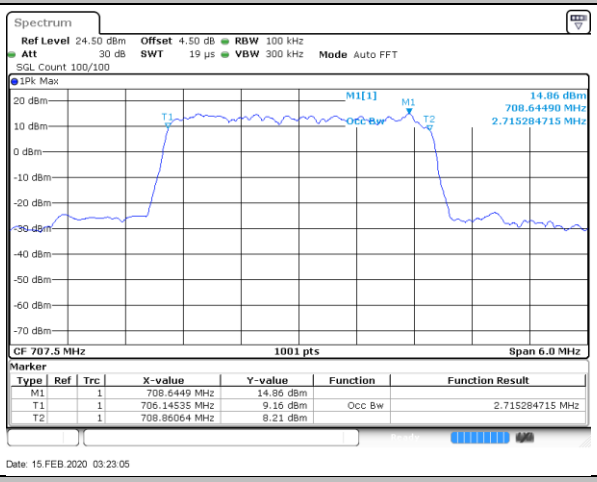
Lowest Channel / 3MHz / 64QAM



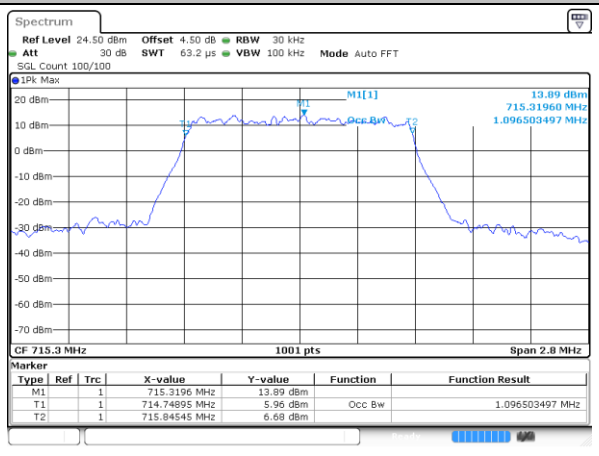
Middle Channel / 1.4MHz / 64QAM



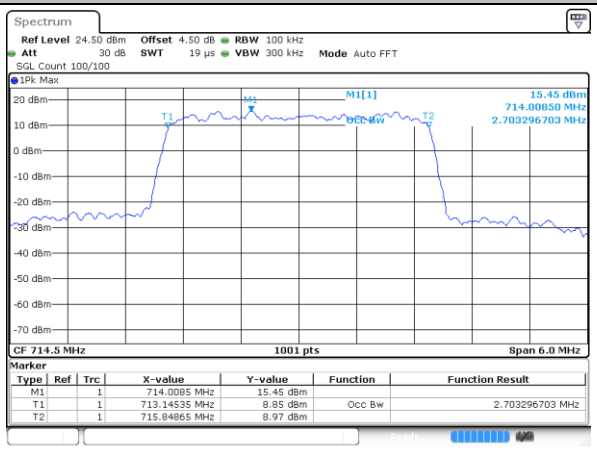
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

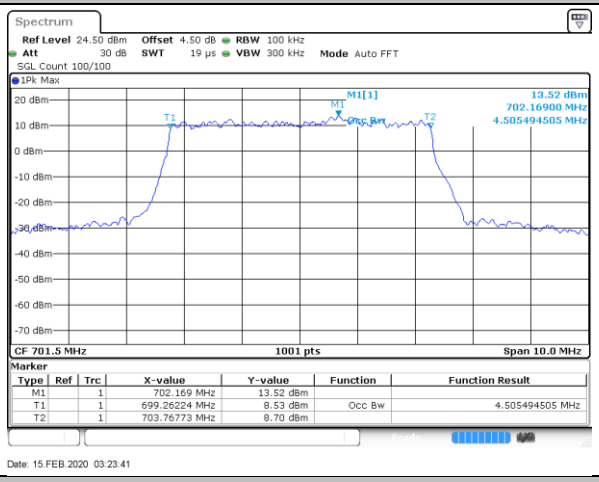


Highest Channel / 3MHz / 64QAM

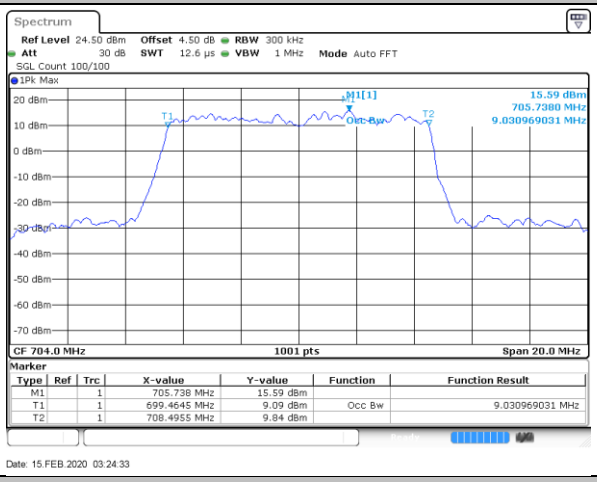


LTE Band 12

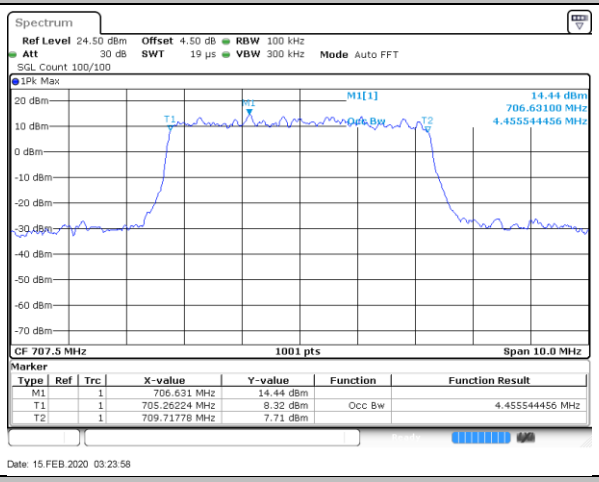
Lowest Channel / 5MHz / 64QAM



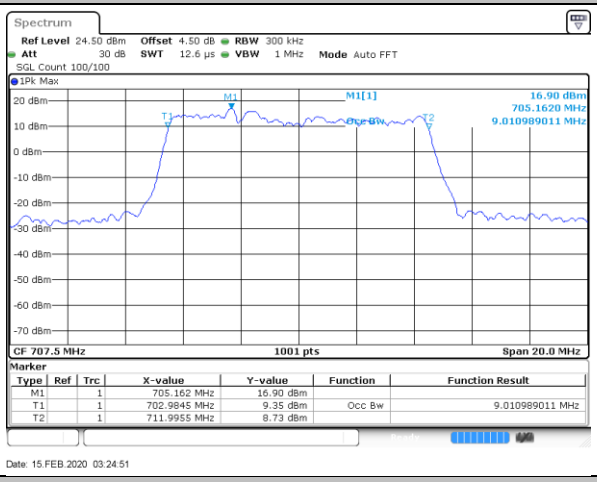
Lowest Channel / 10MHz / 64QAM



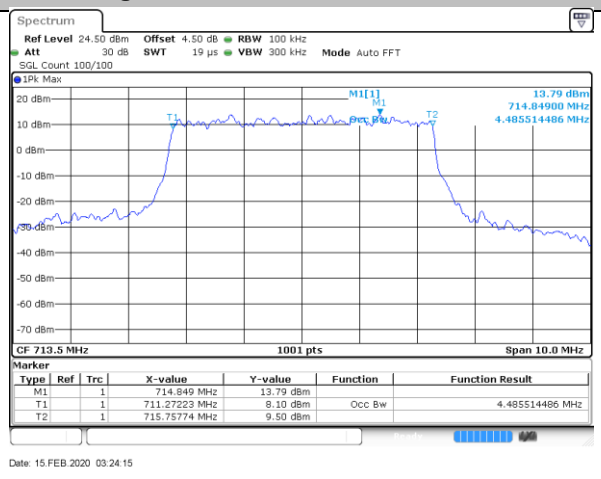
Middle Channel / 5MHz / 64QAM



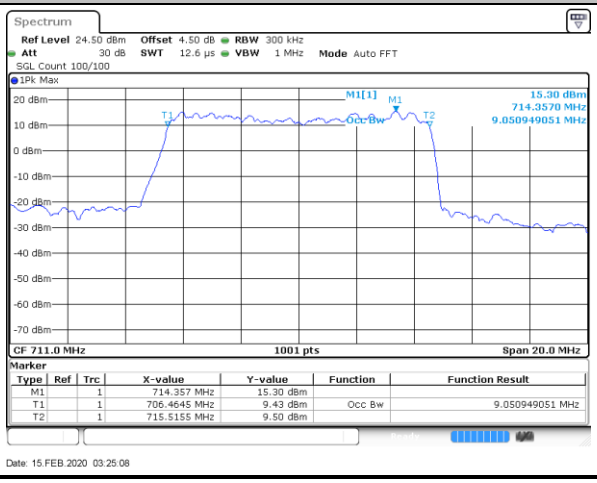
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



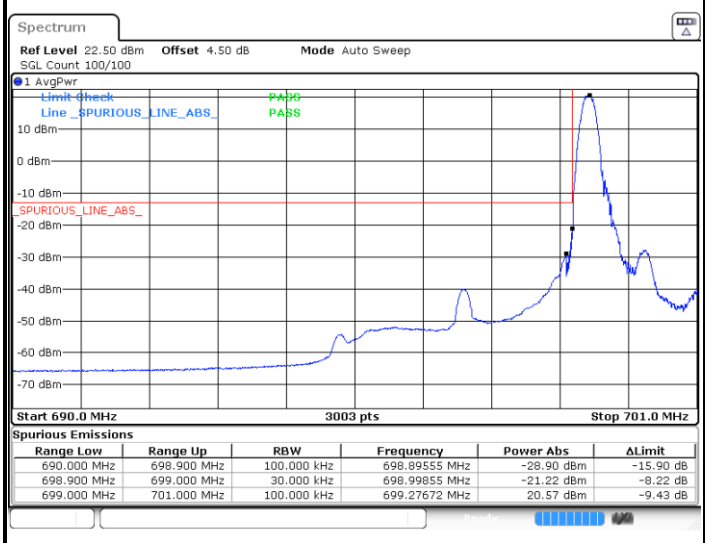
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

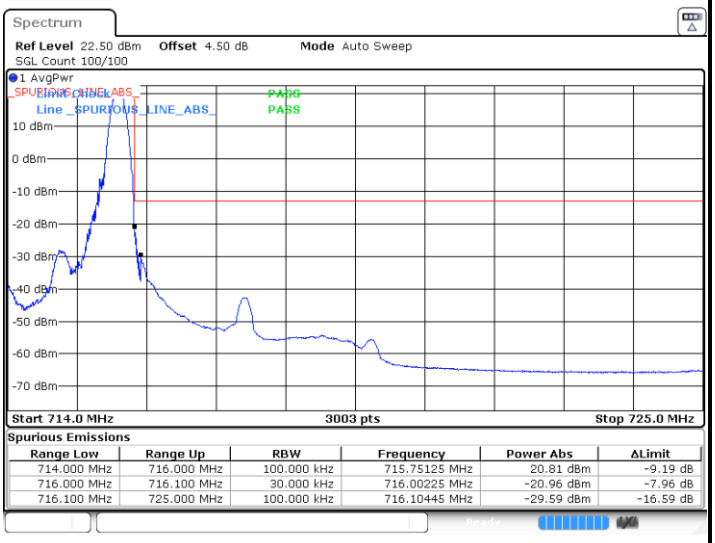


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.90 dBm	-15.90 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99855 MHz	-21.22 dBm	-8.22 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.27672 MHz	20.57 dBm	-9.43 dB

Date: 6.FEB.2020 08:06:37

Highest Band Edge / 1RB

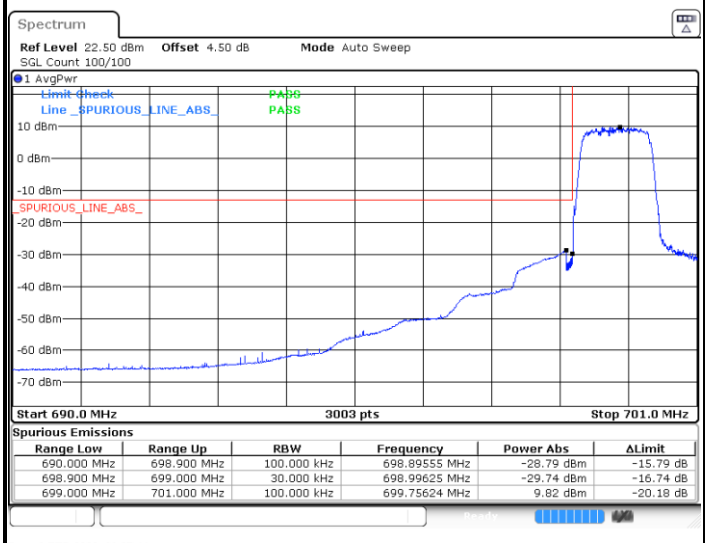


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.75125 MHz	20.81 dBm	-9.19 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-20.96 dBm	-7.96 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.59 dBm	-16.59 dB

Date: 6.FEB.2020 08:12:14

Lowest Band Edge / Full RB

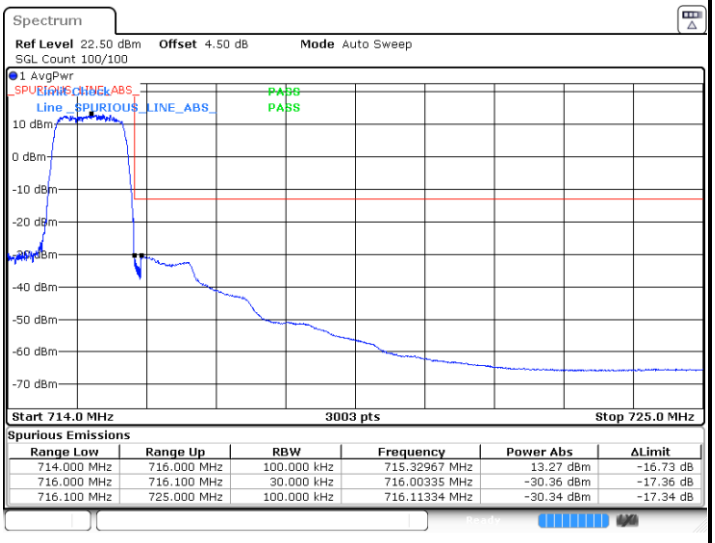


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.79 dBm	-15.79 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99625 MHz	-29.74 dBm	-16.74 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.75624 MHz	9.82 dBm	-20.18 dB

Date: 6.FEB.2020 08:07:44

Highest Band Edge / Full RB



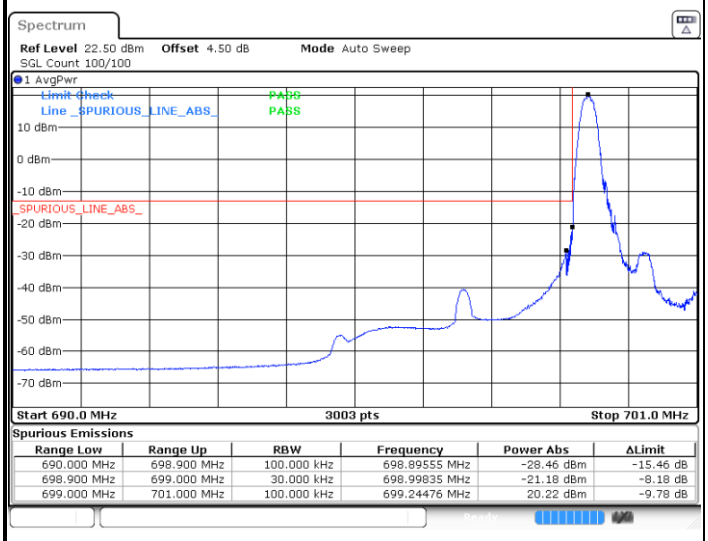
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.32967 MHz	13.27 dBm	-16.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00335 MHz	-30.36 dBm	-17.36 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-30.34 dBm	-17.34 dB

Date: 6.FEB.2020 08:11:06

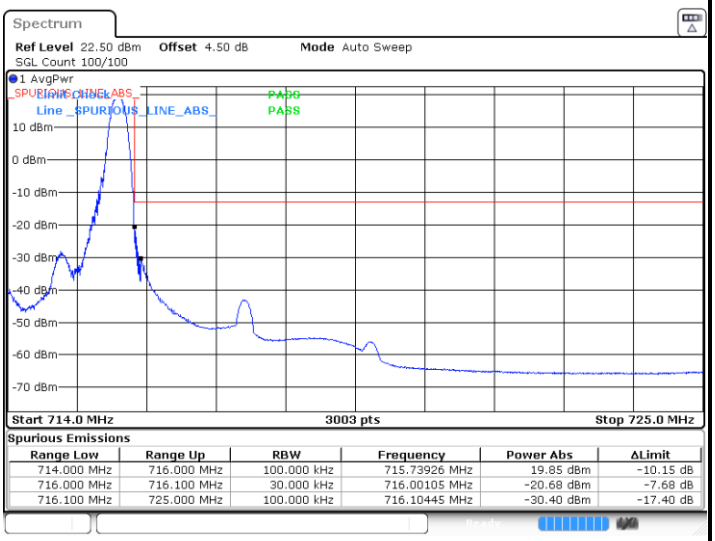
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



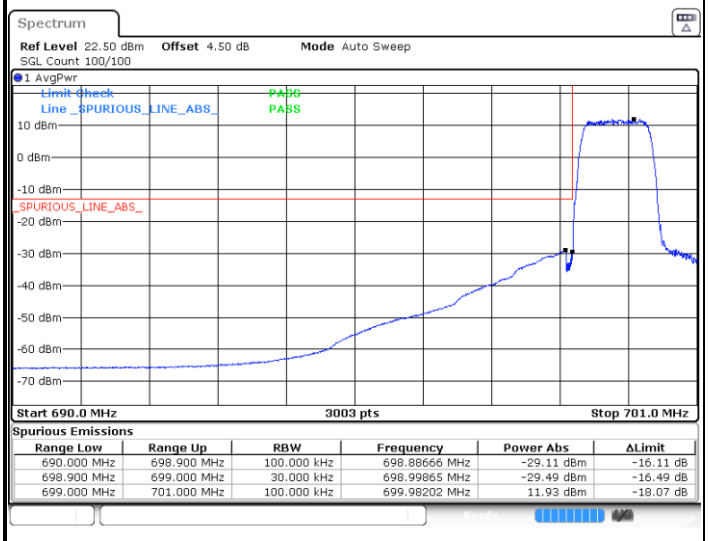
Date: 6.FEB.2020 08:05:29

Highest Band Edge / 1 RB



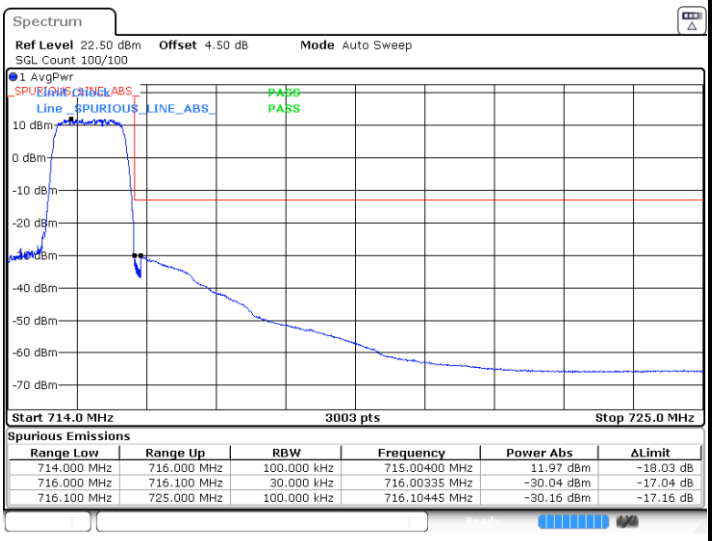
Date: 6.FEB.2020 08:13:21

Lowest Band Edge / Full RB



Date: 6.FEB.2020 08:08:51

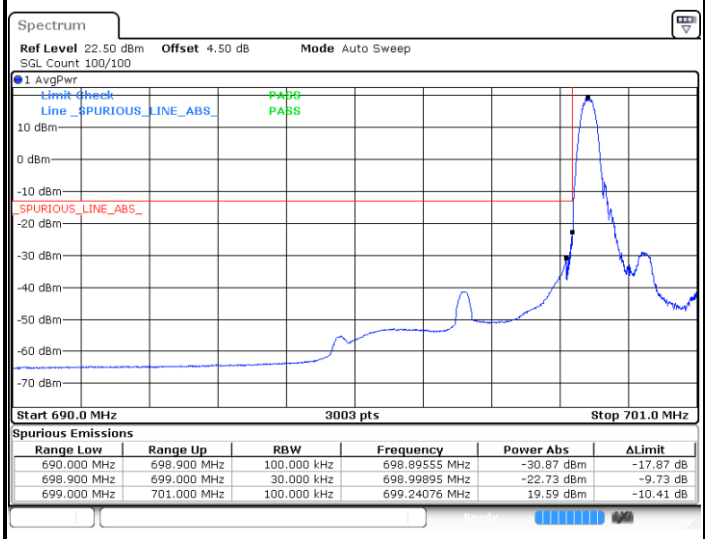
Highest Band Edge / Full RB



Date: 6.FEB.2020 08:09:59

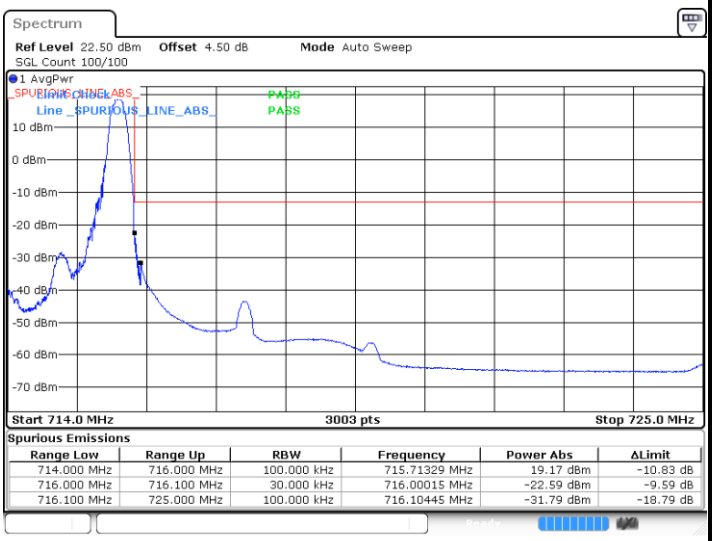
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



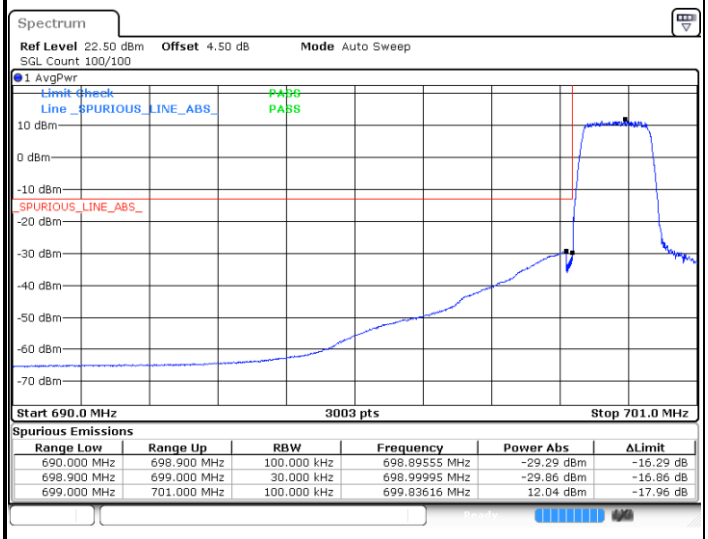
Date: 15.FEB.2020 02:25:05

Highest Band Edge / 1 RB



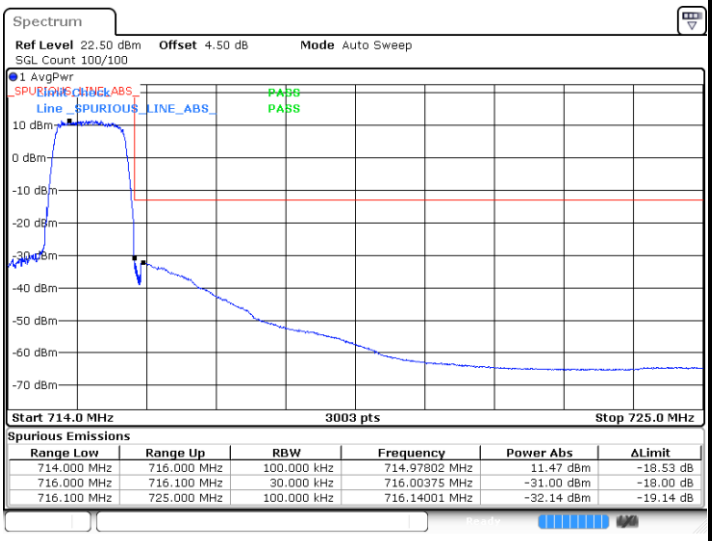
Date: 15.FEB.2020 02:38:22

Lowest Band Edge / Full RB



Date: 15.FEB.2020 02:26:13

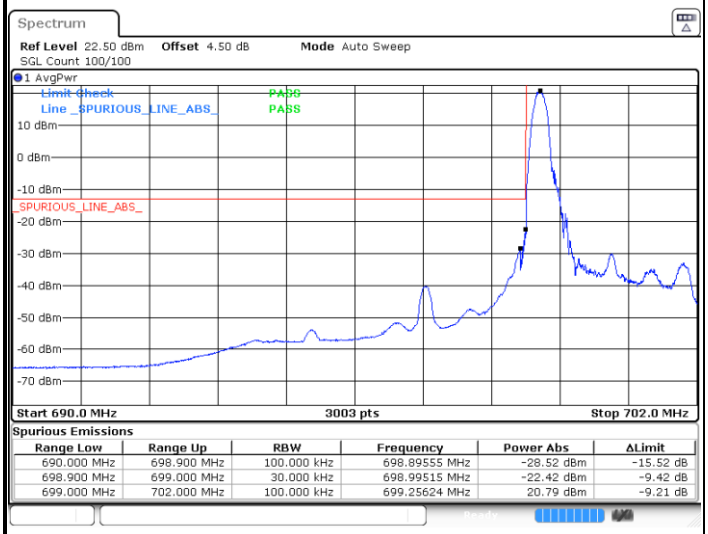
Highest Band Edge / Full RB



Date: 15.FEB.2020 02:27:20

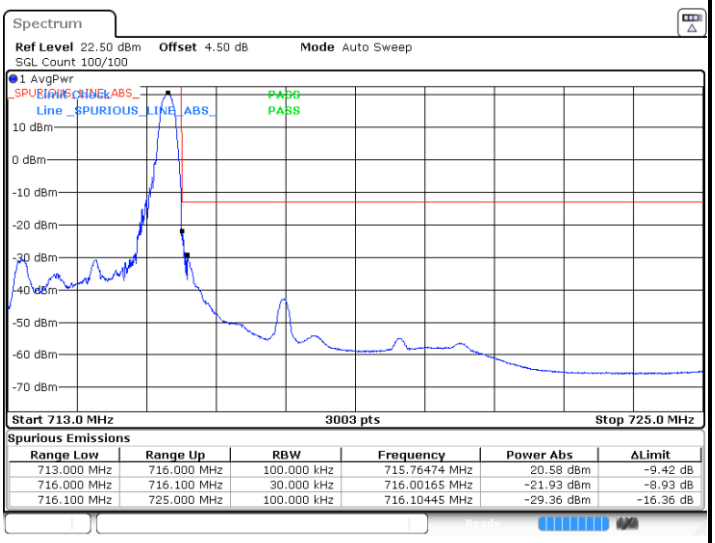
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB



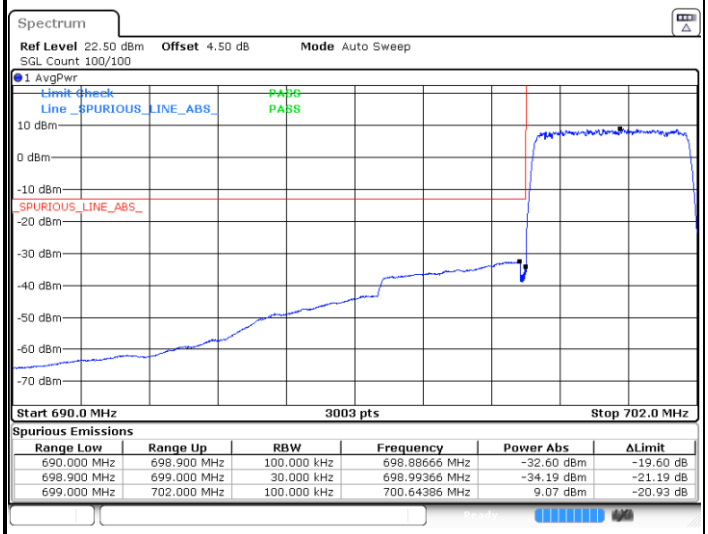
Date: 6.FEB.2020 08:23:03

Highest Band Edge / 1 RB



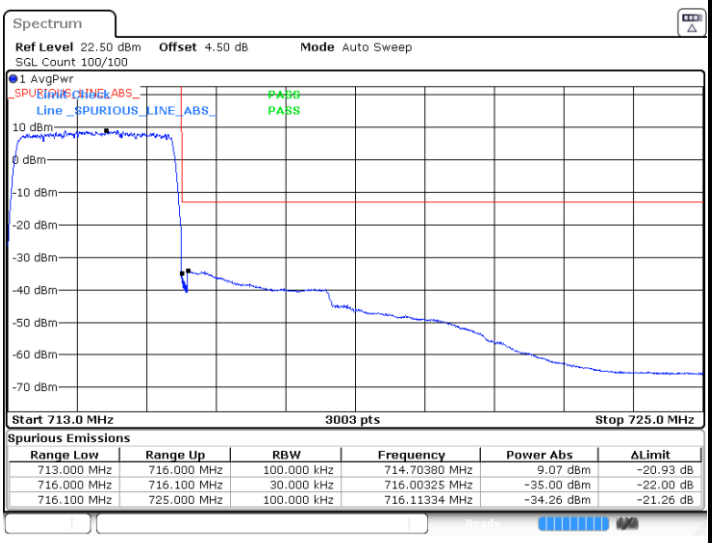
Date: 6.FEB.2020 08:28:41

Lowest Band Edge / Full RB



Date: 6.FEB.2020 08:24:11

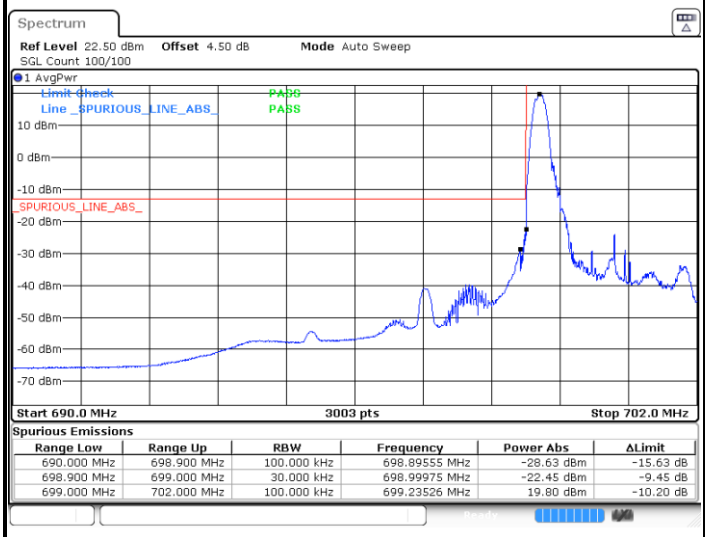
Highest Band Edge / Full RB



Date: 6.FEB.2020 08:27:33

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

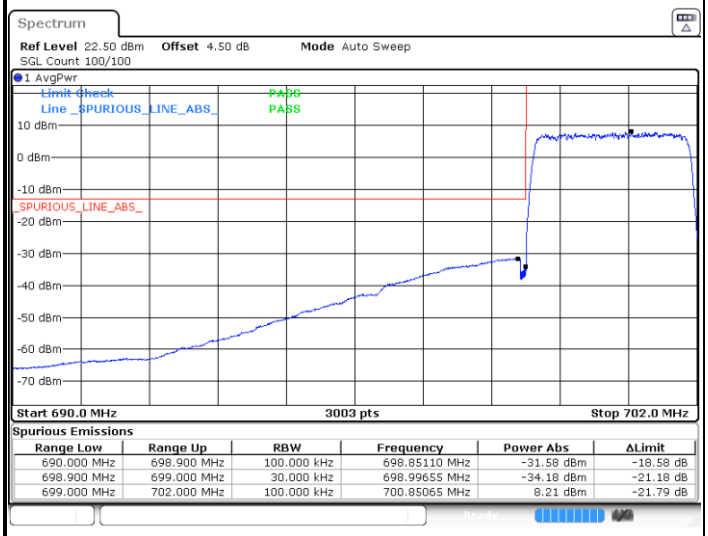


Date: 6.FEB.2020 08:21:56

Highest Band Edge / 1 RB

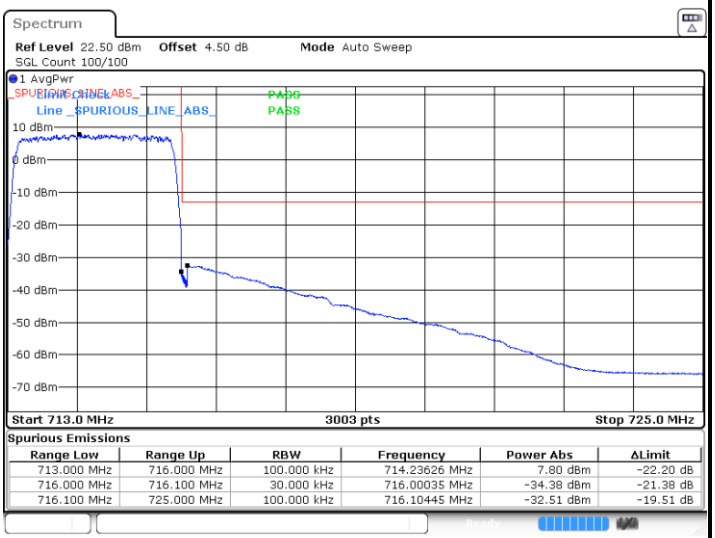
Date: 6.FEB.2020 08:29:48

Lowest Band Edge / Full RB



Date: 6.FEB.2020 08:25:18

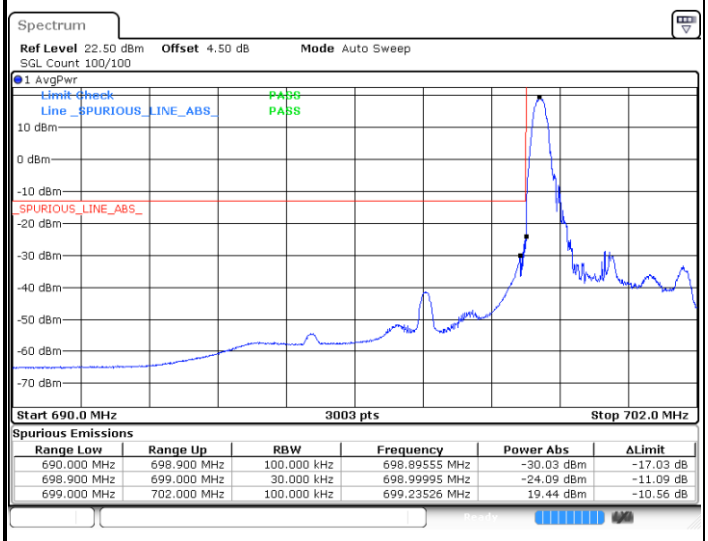
Highest Band Edge / Full RB



Date: 6.FEB.2020 08:26:26

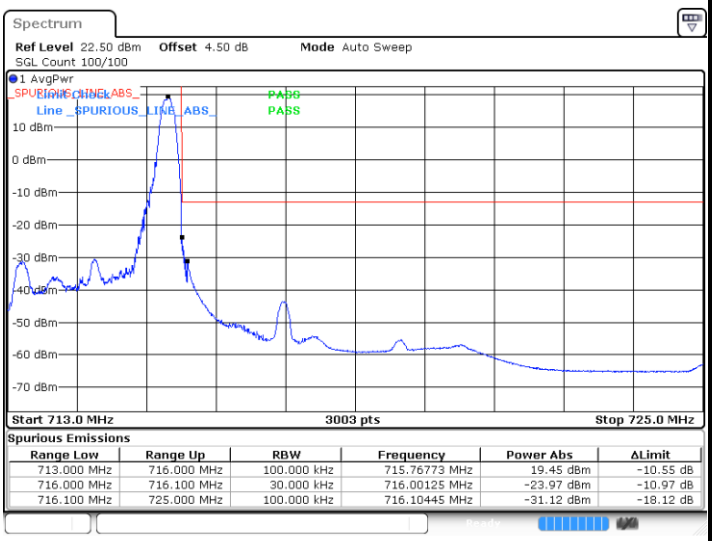
LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



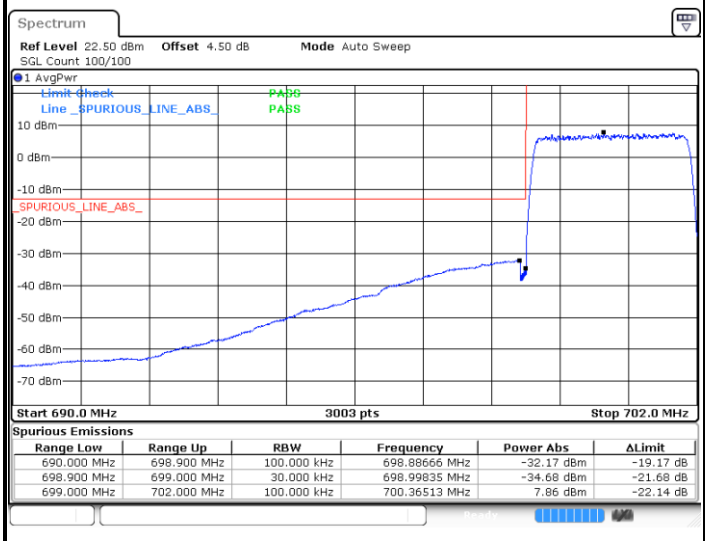
Date: 15.FEB.2020 02:33:53

Highest Band Edge / 1 RB



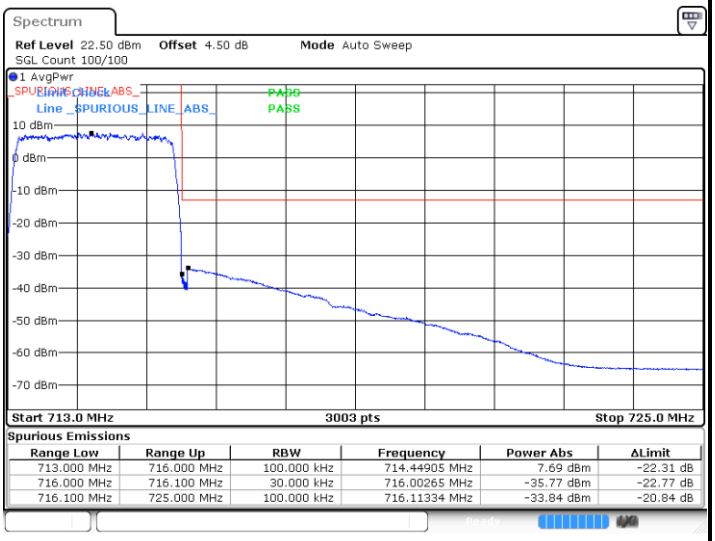
Date: 15.FEB.2020 02:37:15

Lowest Band Edge / Full RB



Date: 15.FEB.2020 02:35:00

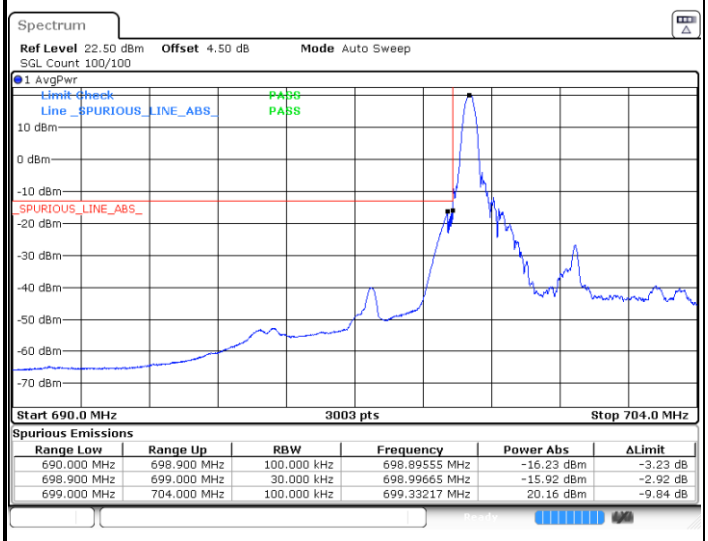
Highest Band Edge / Full RB



Date: 15.FEB.2020 02:36:07

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

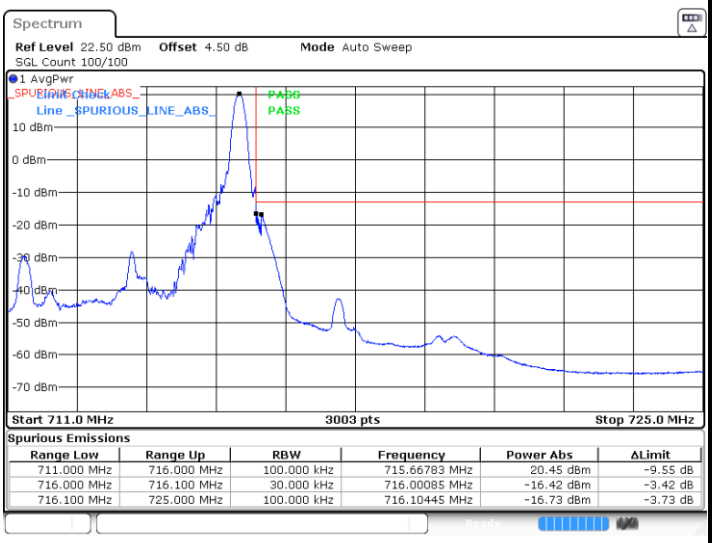


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-16.23 dBm	-3.23 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99665 MHz	-15.92 dBm	-2.92 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.33217 MHz	20.16 dBm	-9.84 dB

Date: 6.FEB.2020 08:39:29

Highest Band Edge / 1 RB

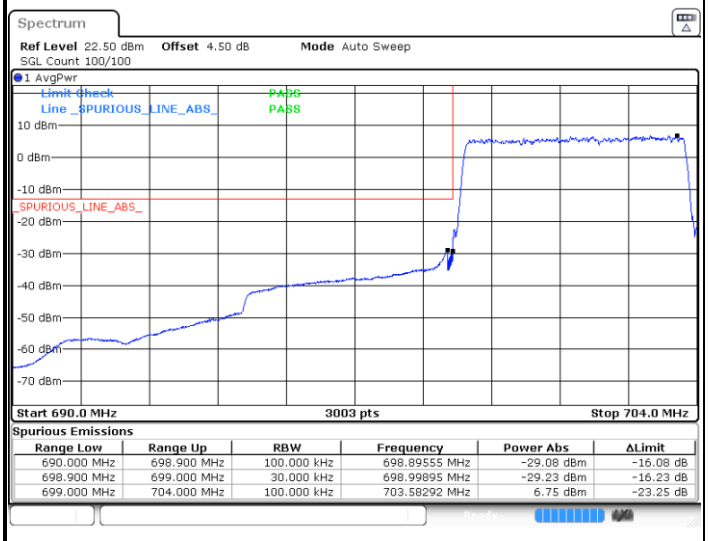


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	20.45 dBm	-9.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-16.42 dBm	-3.42 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-16.73 dBm	-3.73 dB

Date: 6.FEB.2020 08:45:07

Lowest Band Edge / Full RB

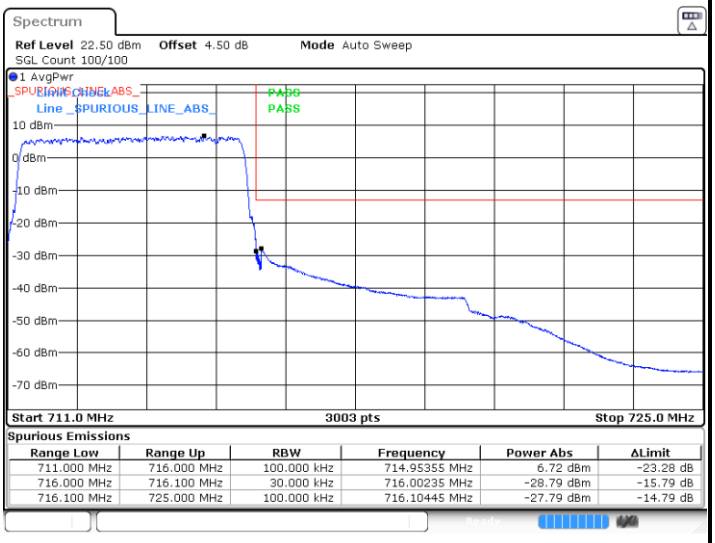


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.08 dBm	-16.08 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99895 MHz	-29.23 dBm	-16.23 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.58292 MHz	6.75 dBm	-23.25 dB

Date: 6.FEB.2020 08:40:37

Highest Band Edge / Full RB



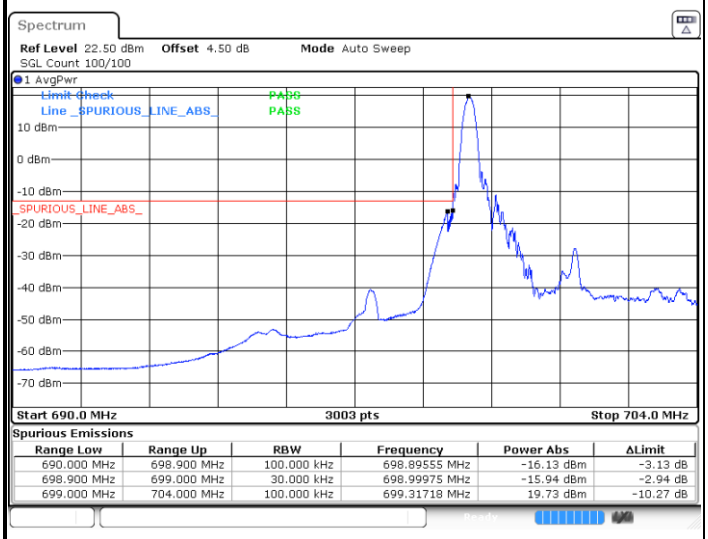
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.95355 MHz	6.72 dBm	-23.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00235 MHz	-28.79 dBm	-15.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.79 dBm	-14.79 dB

Date: 6.FEB.2020 08:43:59

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

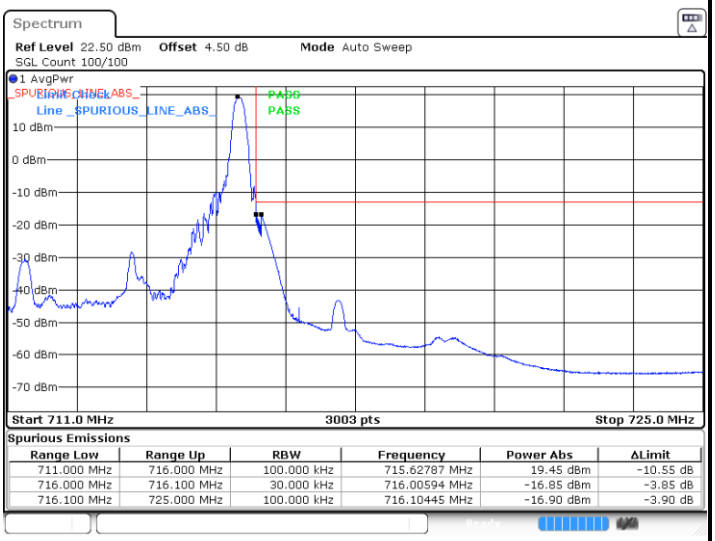


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-16.13 dBm	-3.13 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-15.94 dBm	-2.94 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.31718 MHz	19.73 dBm	-10.27 dB

Date: 6.FEB.2020 08:38:22

Highest Band Edge / 1 RB

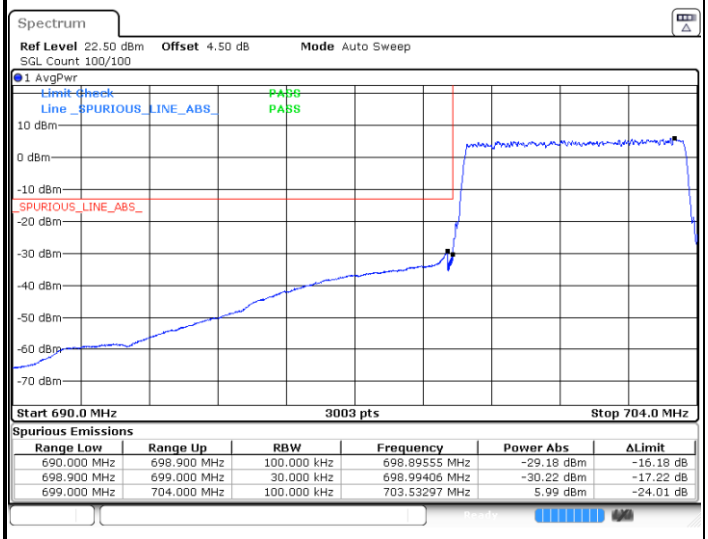


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.62787 MHz	19.45 dBm	-10.55 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00594 MHz	-16.85 dBm	-3.85 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-16.90 dBm	-3.90 dB

Date: 6.FEB.2020 08:46:14

Lowest Band Edge / Full RB

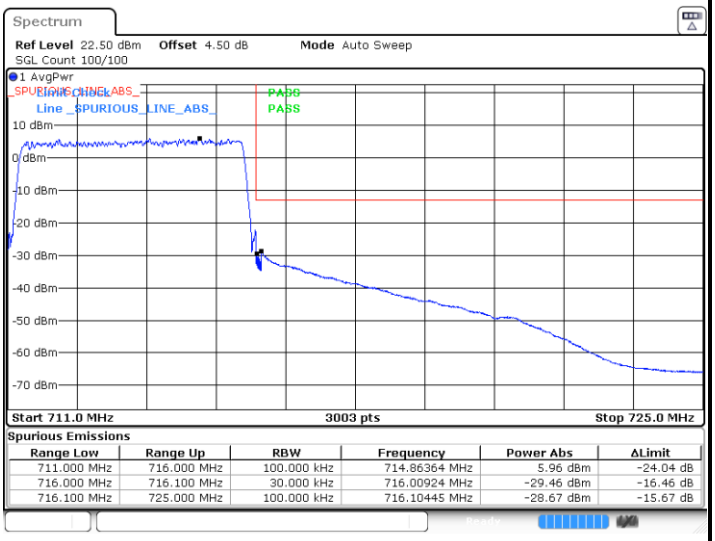


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.18 dBm	-16.18 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99406 MHz	-30.22 dBm	-17.22 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.53297 MHz	5.99 dBm	-24.01 dB

Date: 6.FEB.2020 08:41:44

Highest Band Edge / Full RB



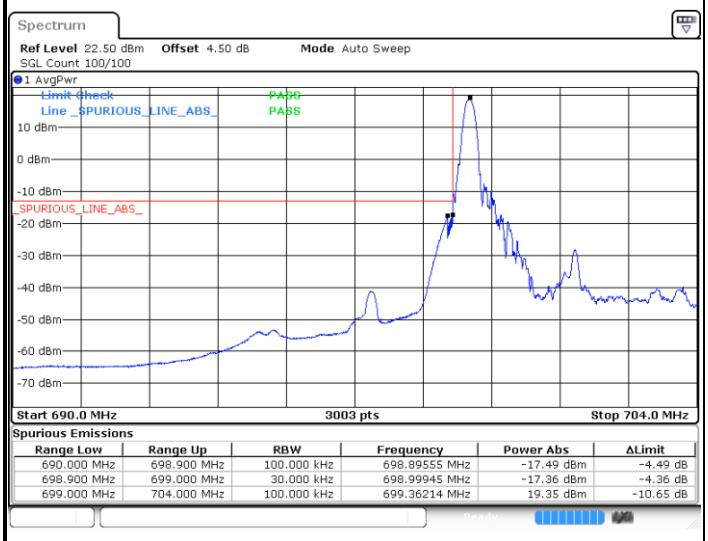
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.86364 MHz	5.96 dBm	-24.04 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00924 MHz	-29.46 dBm	-16.46 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.67 dBm	-15.67 dB

Date: 6.FEB.2020 08:42:52

LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB

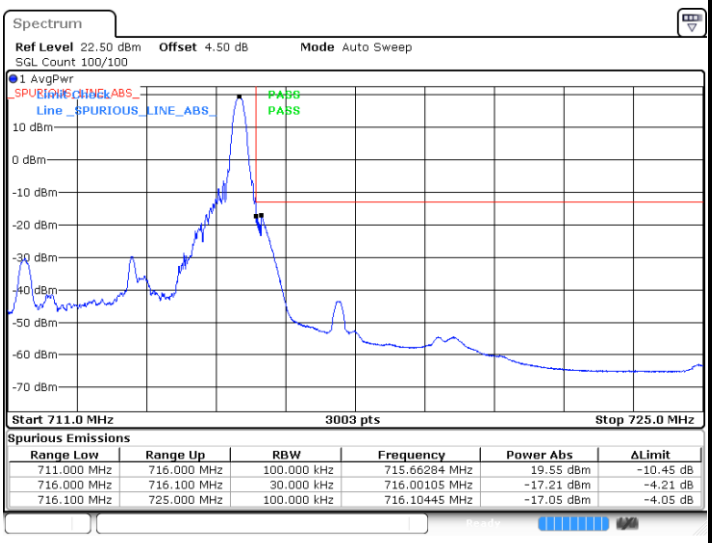


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-17.49 dBm	-4.49 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99945 MHz	-17.36 dBm	-4.36 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.36214 MHz	19.35 dBm	-10.65 dB

Date: 15.FEB.2020 02:39:30

Highest Band Edge / 1 RB

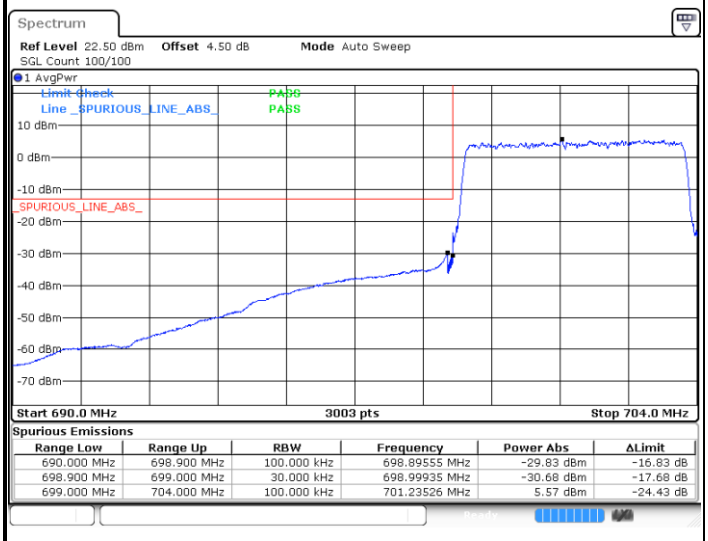


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66284 MHz	19.55 dBm	-10.45 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-17.21 dBm	-4.21 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-17.05 dBm	-4.05 dB

Date: 15.FEB.2020 02:42:52

Lowest Band Edge / Full RB

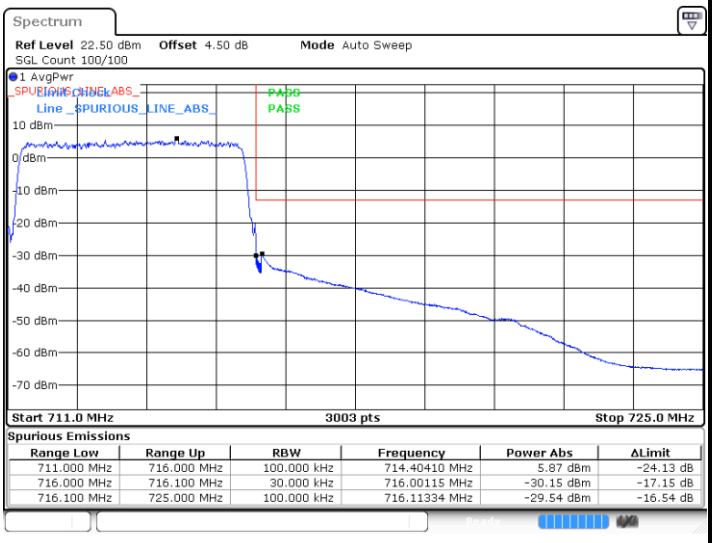


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-29.83 dBm	-16.83 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99935 MHz	-30.68 dBm	-17.68 dB
699.000 MHz	704.000 MHz	100.000 kHz	701.23526 MHz	5.57 dBm	-24.43 dB

Date: 15.FEB.2020 02:40:37

Highest Band Edge / Full RB



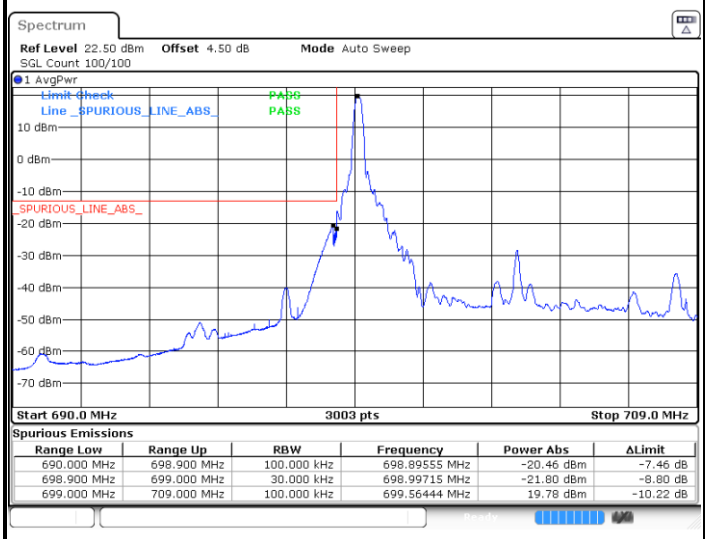
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.40410 MHz	5.87 dBm	-24.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-30.15 dBm	-17.15 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-29.54 dBm	-16.54 dB

Date: 15.FEB.2020 02:41:44

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

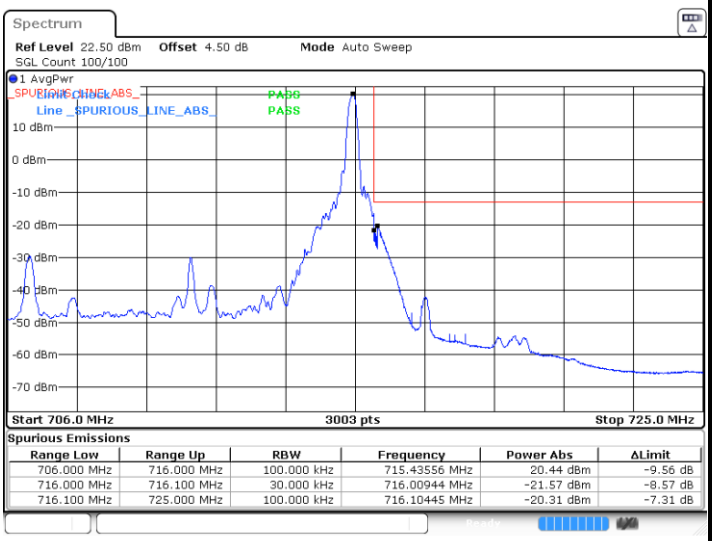


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-20.46 dBm	-7.46 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99715 MHz	-21.80 dBm	-8.80 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.56444 MHz	19.78 dBm	-10.22 dB

Date: 6.FEB.2020 08:55:55

Highest Band Edge / 1 RB

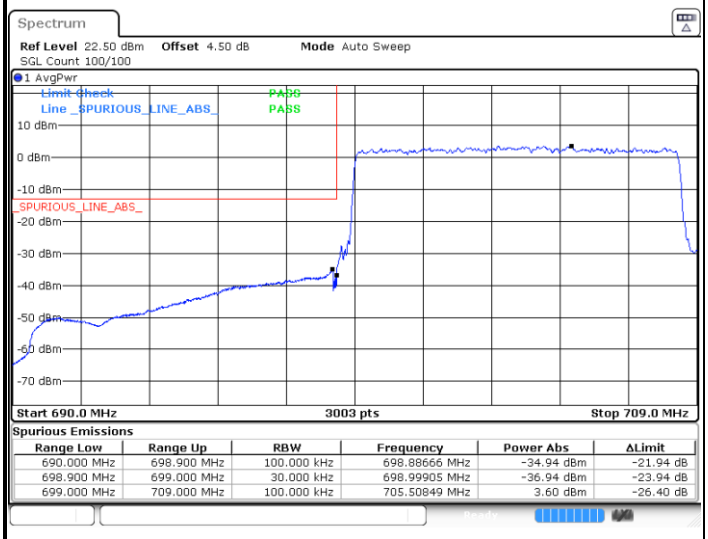


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	20.44 dBm	-9.56 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00944 MHz	-21.57 dBm	-8.57 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-20.31 dBm	-7.31 dB

Date: 6.FEB.2020 09:01:33

Lowest Band Edge / Full RB

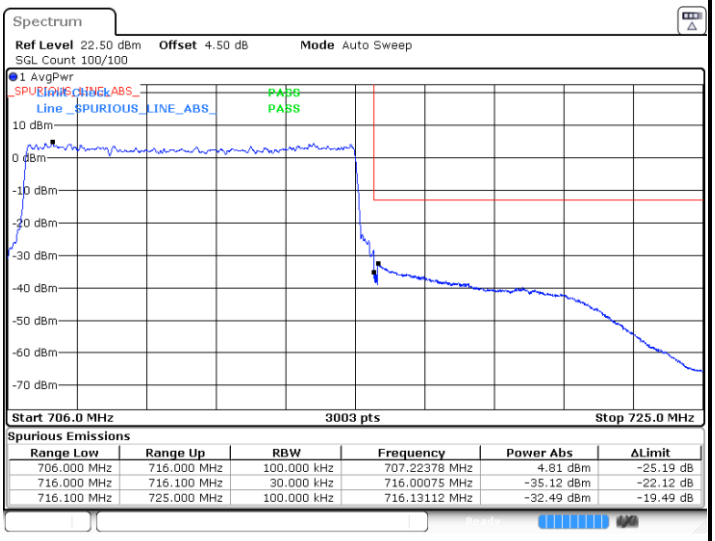


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.88666 MHz	-34.94 dBm	-21.94 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-36.94 dBm	-23.94 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.50849 MHz	3.60 dBm	-26.40 dB

Date: 6.FEB.2020 08:57:03

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.22378 MHz	4.81 dBm	-25.19 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00075 MHz	-35.12 dBm	-22.12 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.13112 MHz	-32.49 dBm	-19.49 dB

Date: 6.FEB.2020 09:00:25