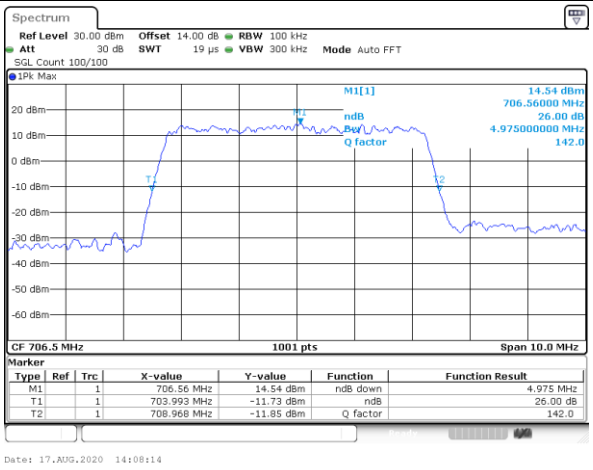
26dB Bandwidth

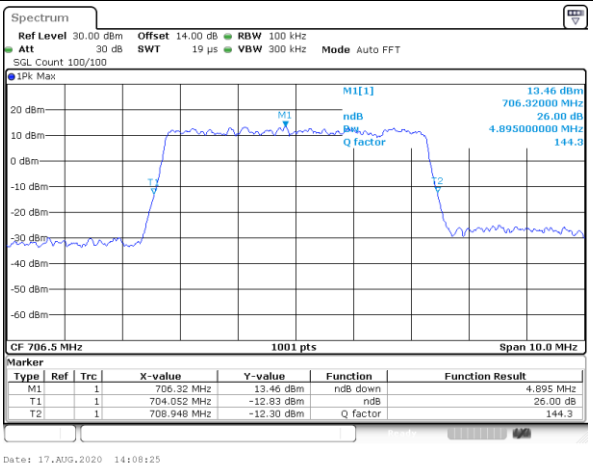
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.98	4.90	9.77	9.71	-	-	-	-
Middle CH	-	-	-	-	4.97	4.91	9.79	9.79	-	-	-	-
Highest CH	-	-	-	-	5.00	4.76	9.83	9.69	-	-	-	-
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.92	-	9.87	-	-	-	-	-
Middle CH	-	-	-	-	4.94	-	9.77	-	-	-	-	-
Highest CH	-	-	-	-	4.94	-	9.61	-	-	-	-	-

LTE Band 17

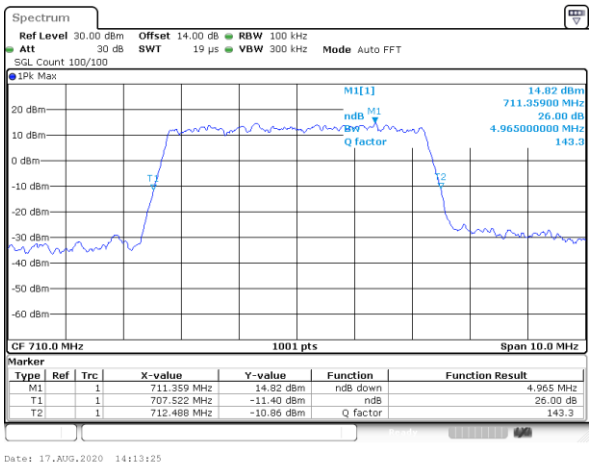
Lowest Channel / 5MHz / QPSK



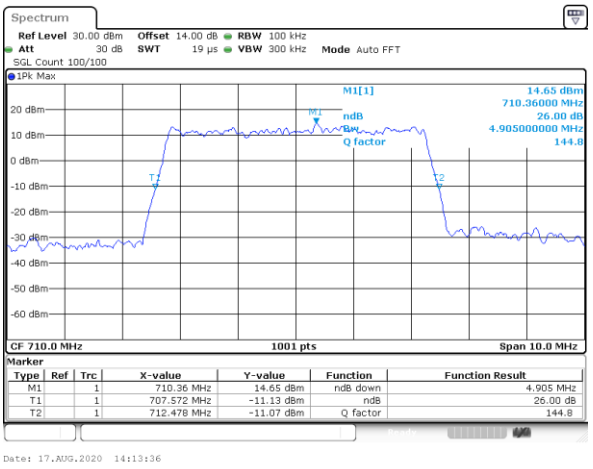
Lowest Channel / 5MHz / 16QAM



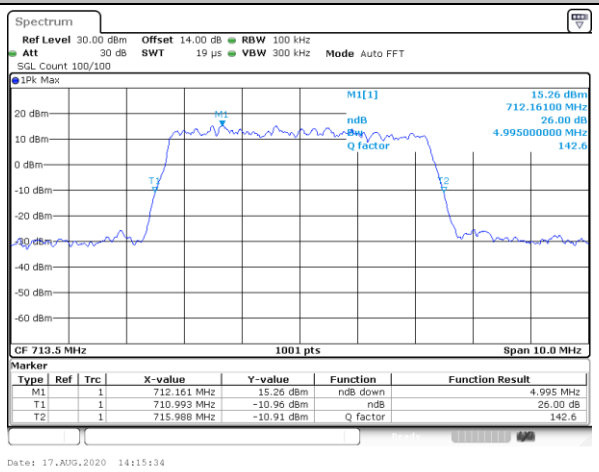
Middle Channel / 5MHz / QPSK



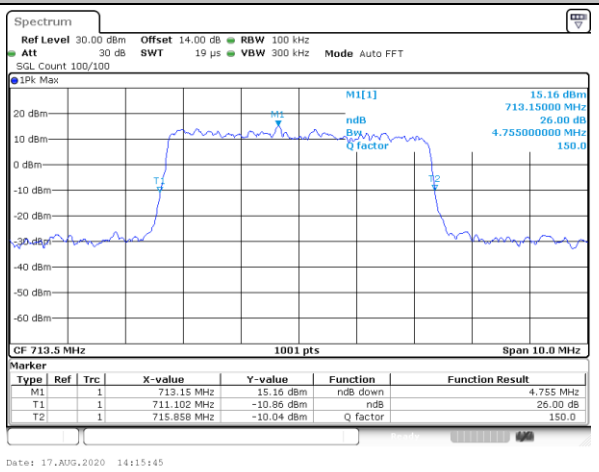
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

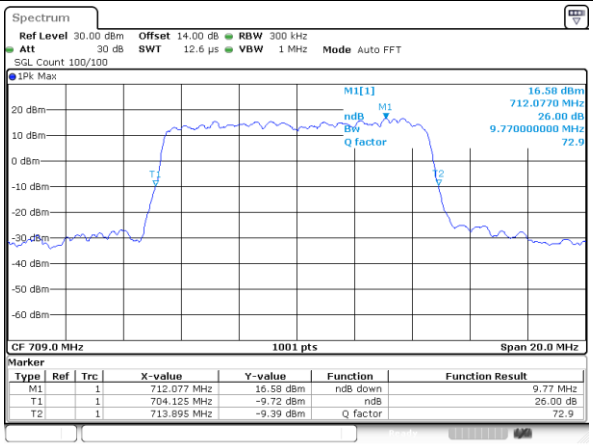


Highest Channel / 5MHz / 16QAM

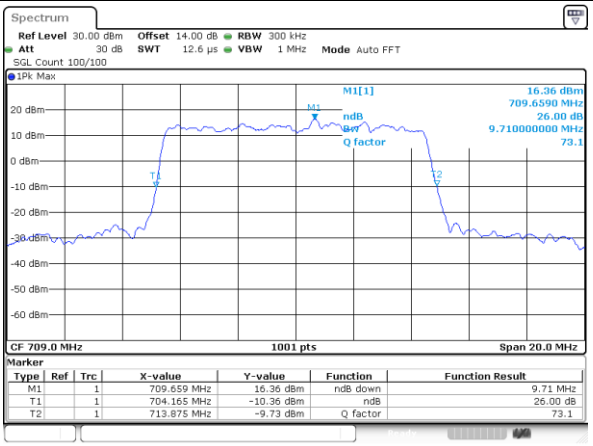


LTE Band 17

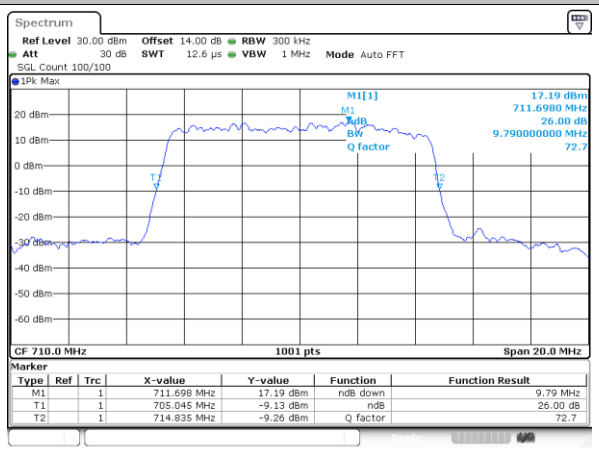
Lowest Channel / 10MHz / QPSK



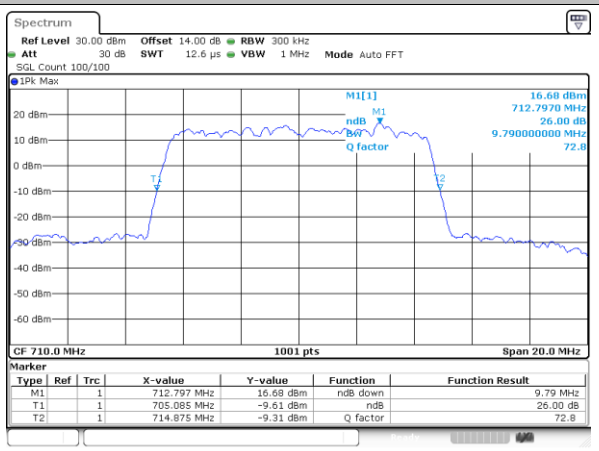
Lowest Channel / 10MHz / 16QAM



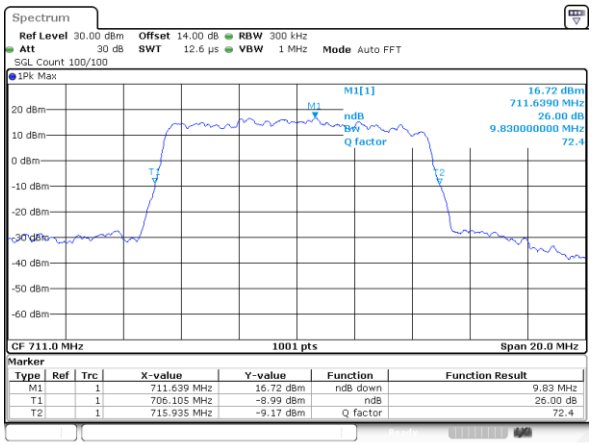
Middle Channel / 10MHz / QPSK



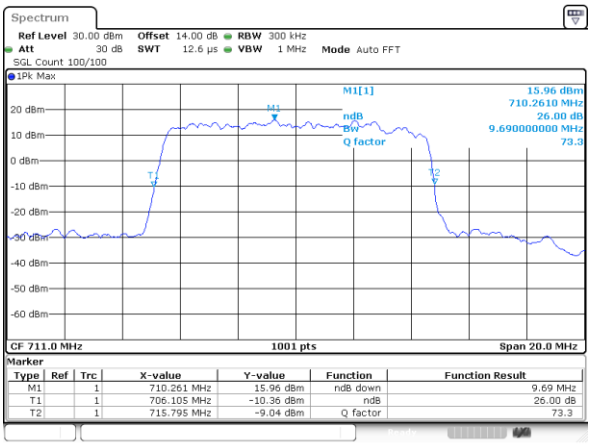
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

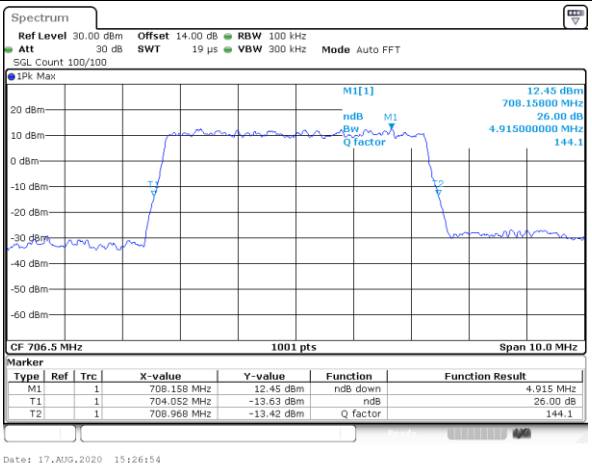


Highest Channel / 10MHz / 16QAM

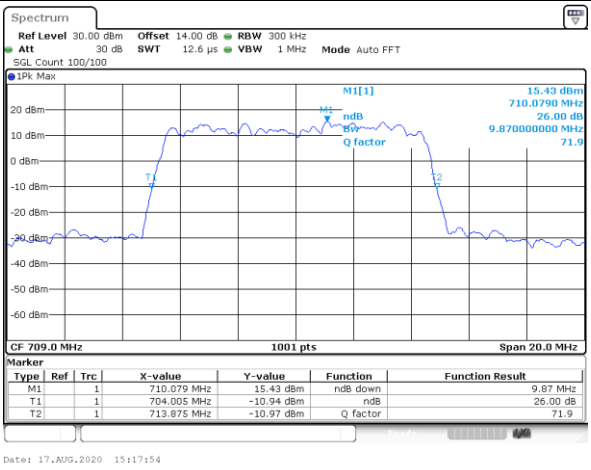


LTE Band 17

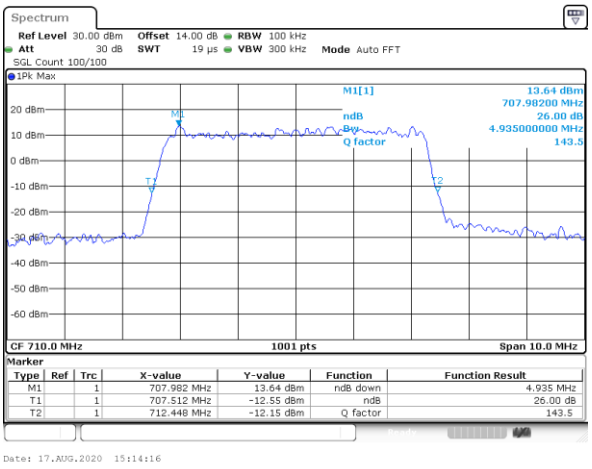
Lowest Channel / 5MHz / 64QAM



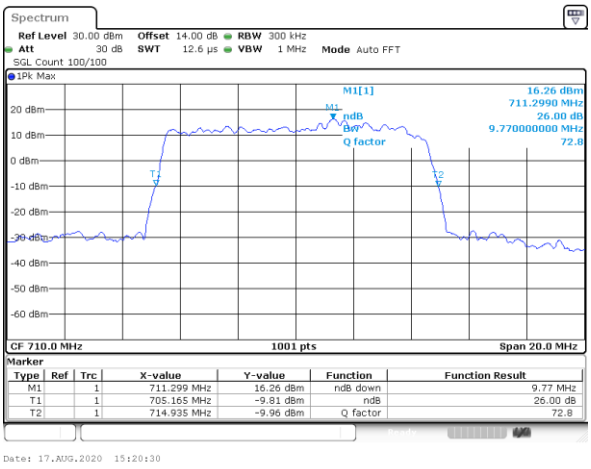
Lowest Channel / 10MHz / 64QAM



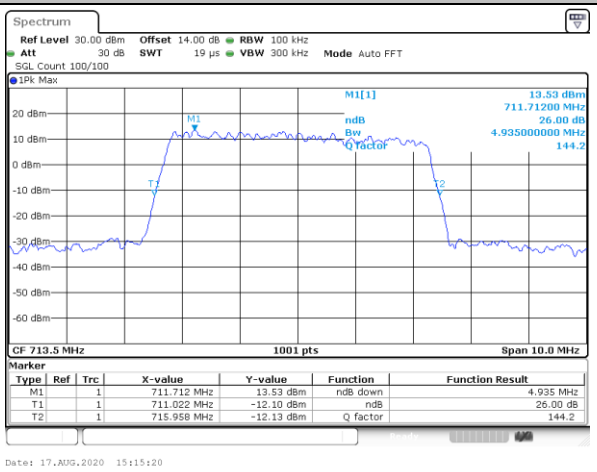
Middle Channel / 5MHz / 64QAM



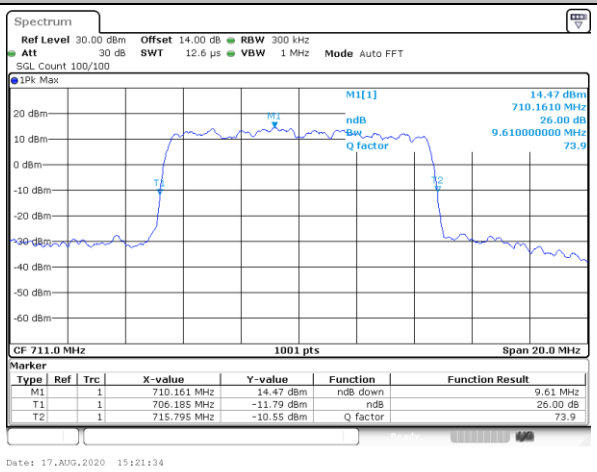
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

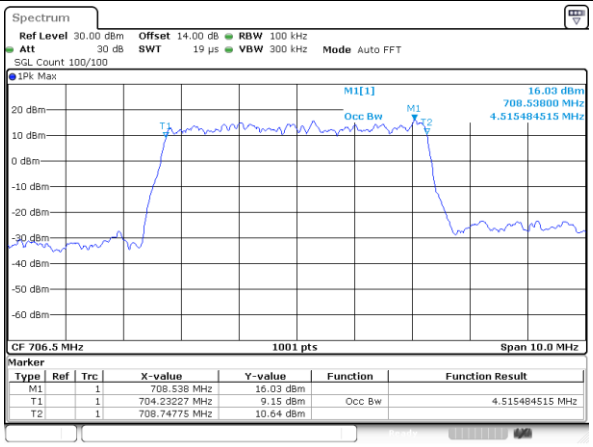


Occupied Bandwidth

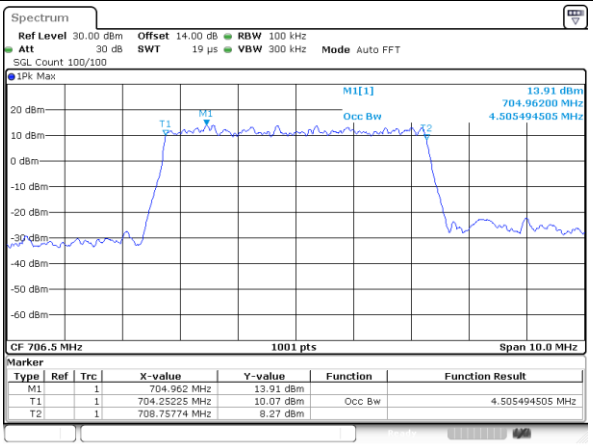
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.51	8.99	9.03	-	-	-	-
Middle CH	-	-	-	-	4.48	4.50	9.01	9.01	-	-	-	-
Highest CH	-	-	-	-	4.49	4.47	8.97	9.01	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.51	-	9.07	-	-	-	-	-
Middle CH	-	-	-	-	4.50	-	8.95	-	-	-	-	-
Highest CH	-	-	-	-	4.49	-	8.97	-	-	-	-	-

LTE Band 17

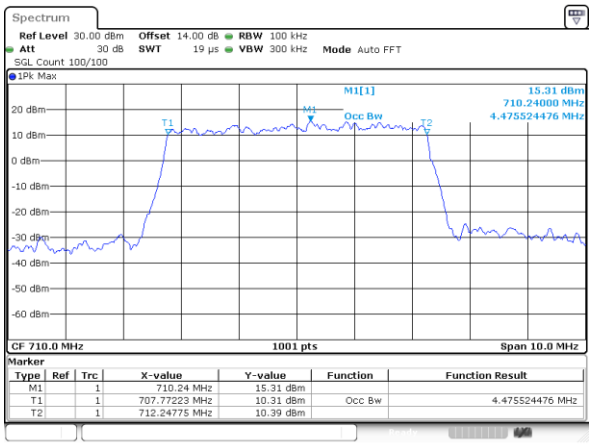
Lowest Channel / 5MHz / QPSK



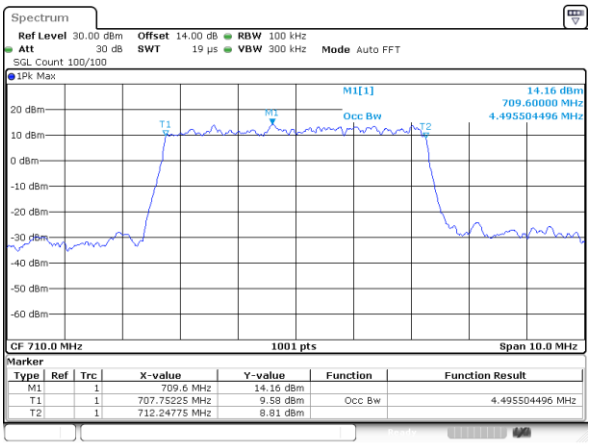
Lowest Channel / 5MHz / 16QAM



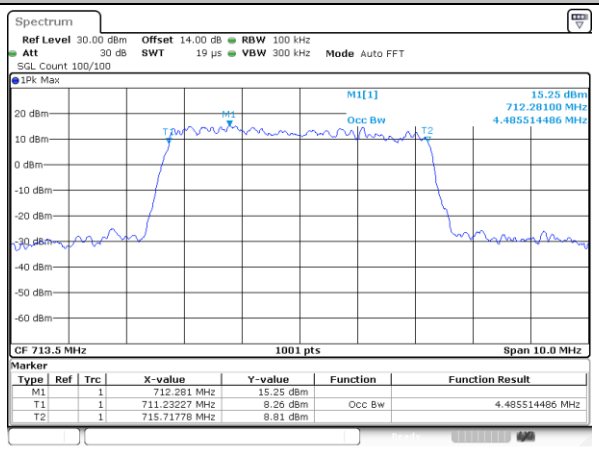
Middle Channel / 5MHz / QPSK



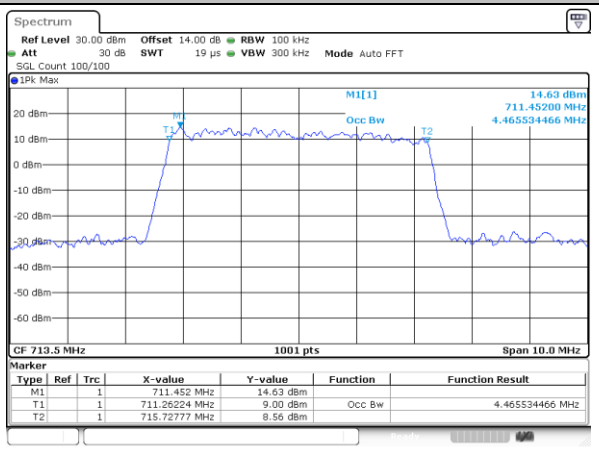
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

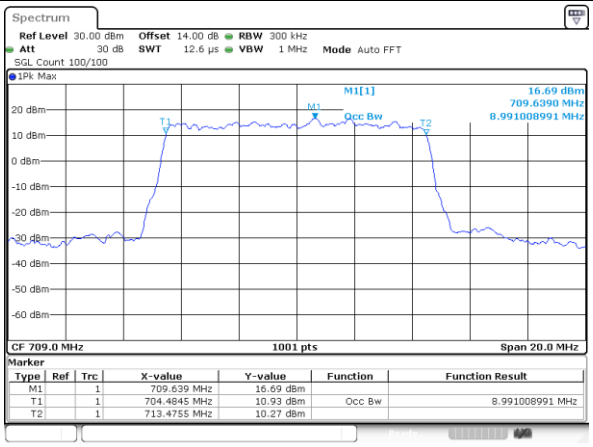


Highest Channel / 5MHz / 16QAM

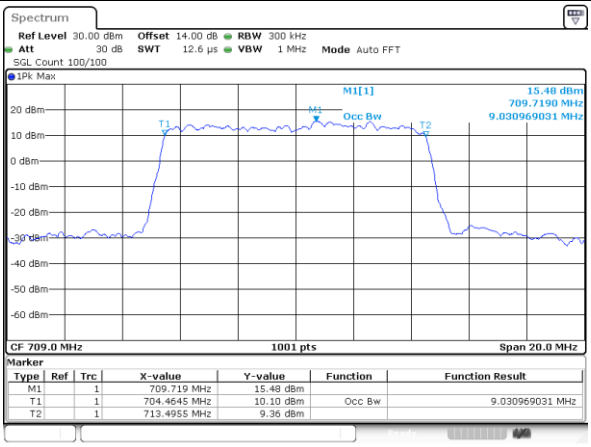


LTE Band 17

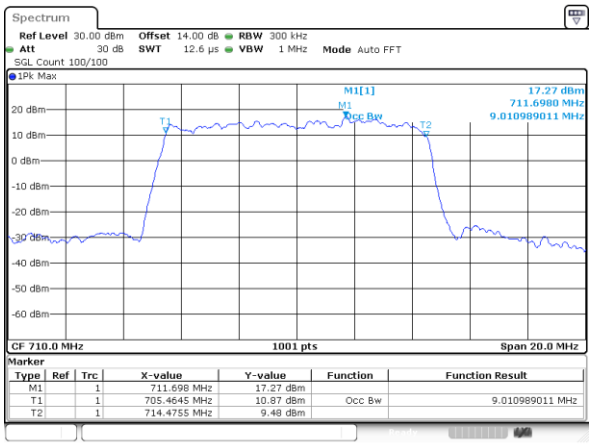
Lowest Channel / 10MHz / QPSK



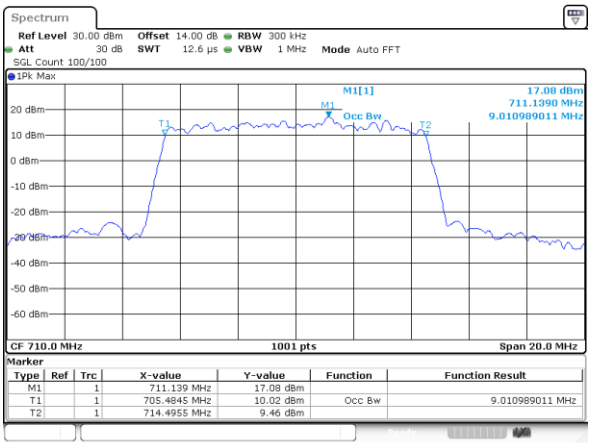
Lowest Channel / 10MHz / 16QAM



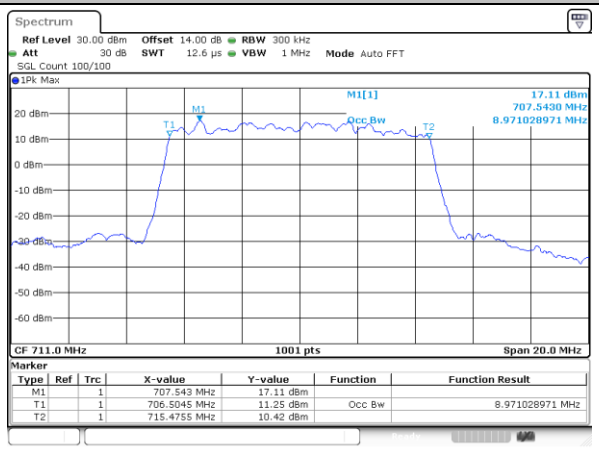
Middle Channel / 10MHz / QPSK



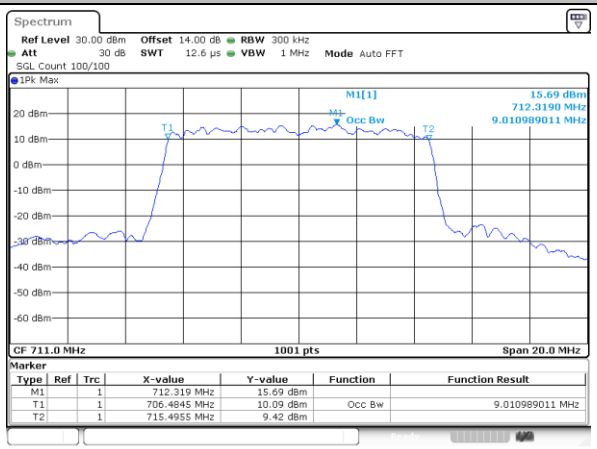
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

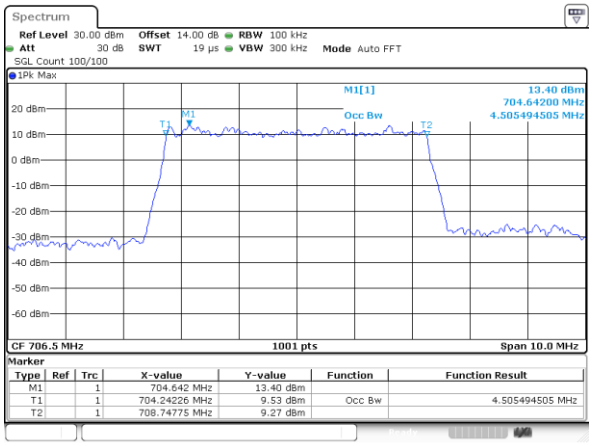


Highest Channel / 10MHz / 16QAM

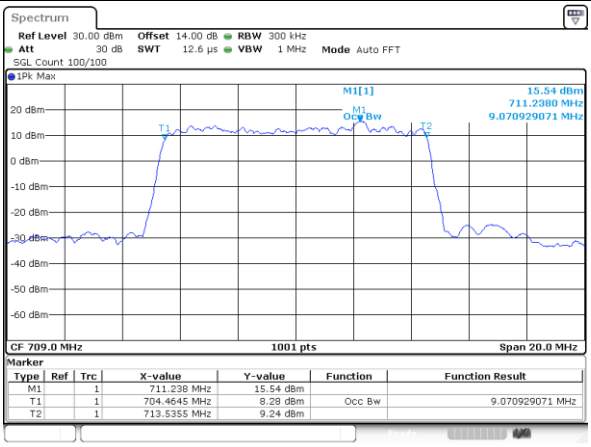


LTE Band 17

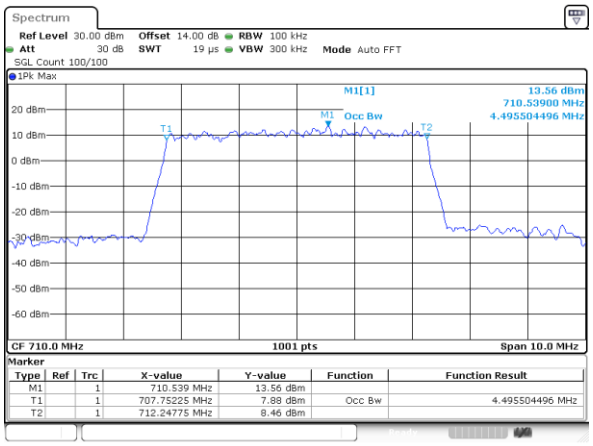
Lowest Channel / 5MHz / 64QAM



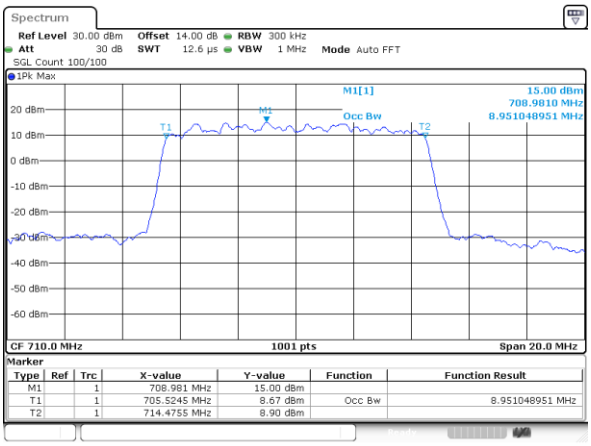
Lowest Channel / 10MHz / 64QAM



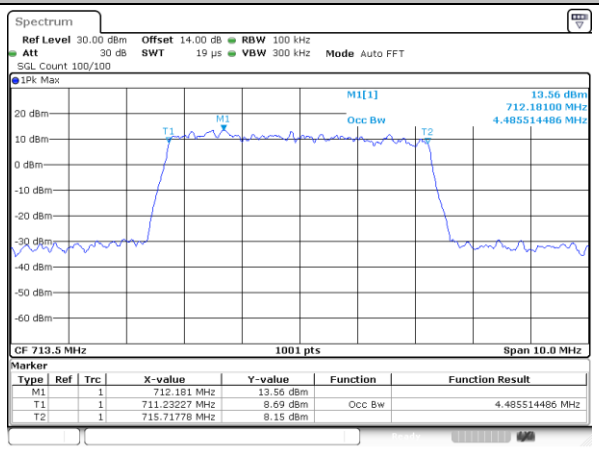
Middle Channel / 5MHz / 64QAM



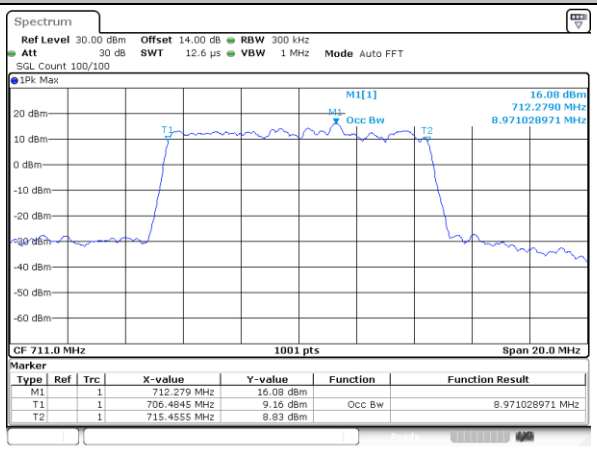
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



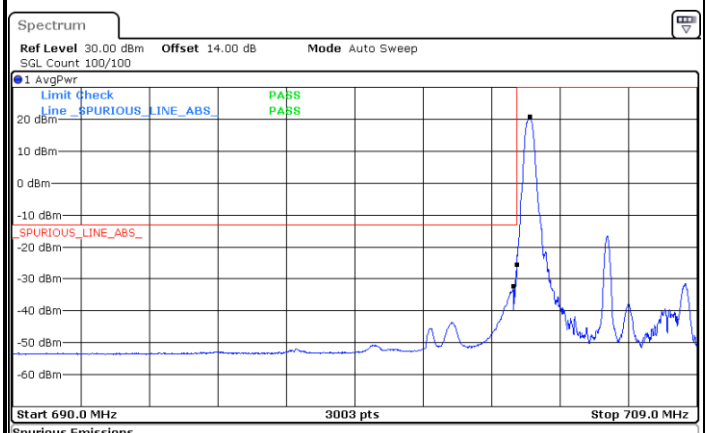
Highest Channel / 10MHz / 64QAM



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

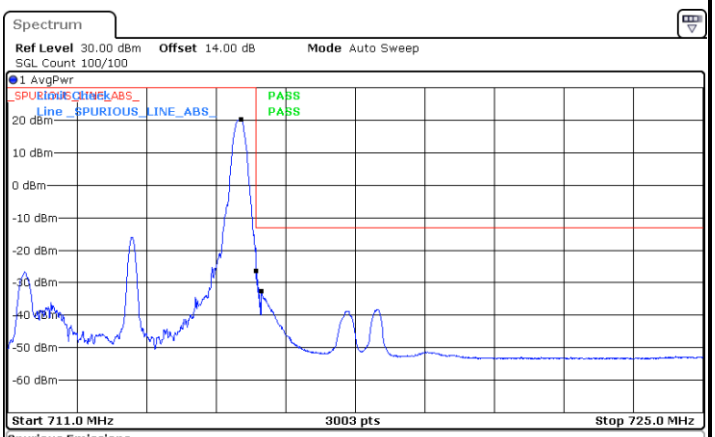


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.31 dBm	-19.31 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99895 MHz	-25.48 dBm	-12.48 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.36713 MHz	20.85 dBm	-9.15 dB

Date: 17.AUG.2020 14:09:10

Highest Band Edge / 1 RB

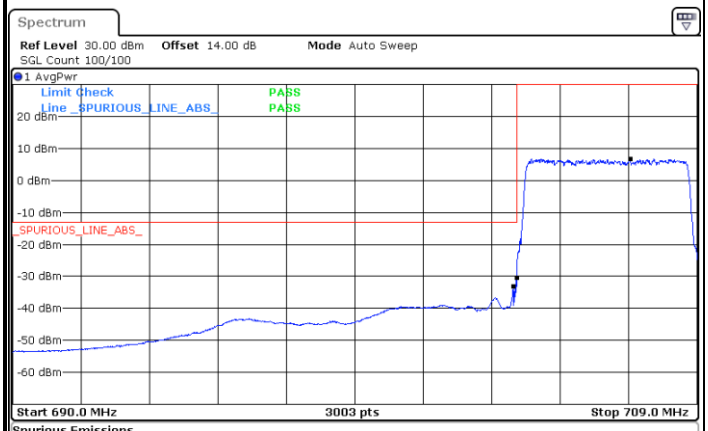


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69281 MHz	20.32 dBm	-9.68 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-26.28 dBm	-13.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.67 dBm	-19.67 dB

Date: 17.AUG.2020 14:16:30

Lowest Band Edge / Full RB

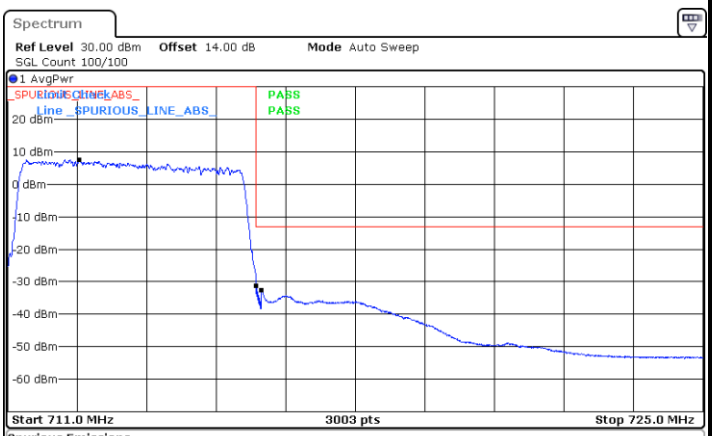


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.24 dBm	-20.24 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99905 MHz	-30.38 dBm	-17.38 dB
704.000 MHz	709.000 MHz	100.000 kHz	707.13437 MHz	6.72 dBm	-23.28 dB

Date: 17.AUG.2020 14:10:41

Highest Band Edge / Full RB



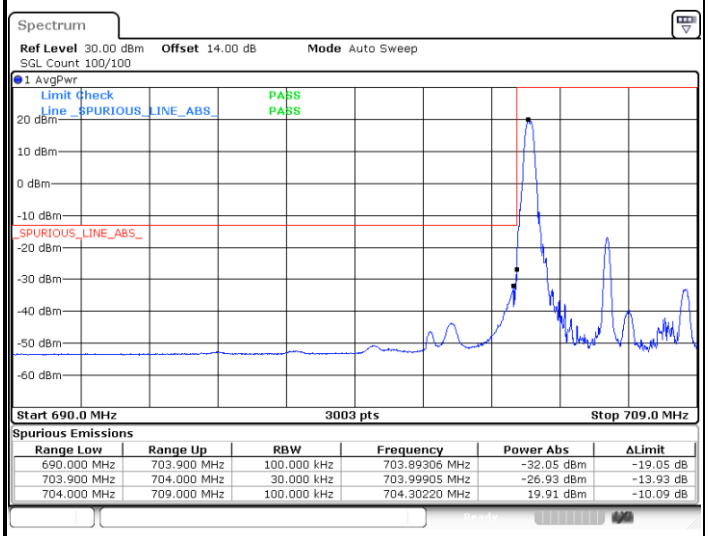
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	712.44605 MHz	7.61 dBm	-22.39 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00654 MHz	-31.29 dBm	-18.29 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.48 dBm	-19.48 dB

Date: 17.AUG.2020 14:18:00

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

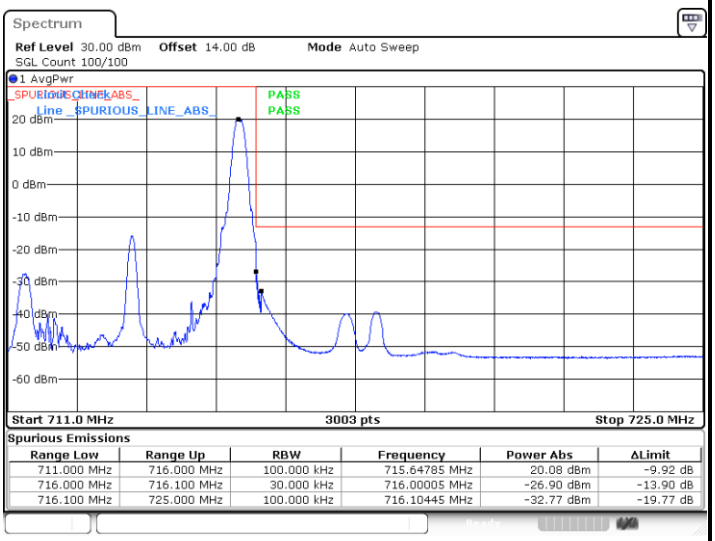


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.05 dBm	-19.05 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99905 MHz	-26.93 dBm	-13.93 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.30220 MHz	19.91 dBm	-10.09 dB

Date: 17.AUG.2020 14:09:56

Highest Band Edge / 1 RB

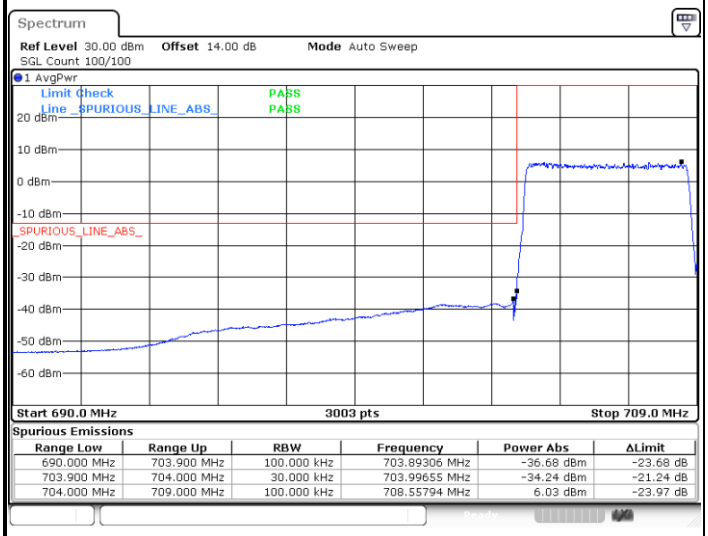


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.64785 MHz	20.08 dBm	-9.92 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-26.90 dBm	-13.90 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.77 dBm	-19.77 dB

Date: 17.AUG.2020 14:17:15

Lowest Band Edge / Full RB

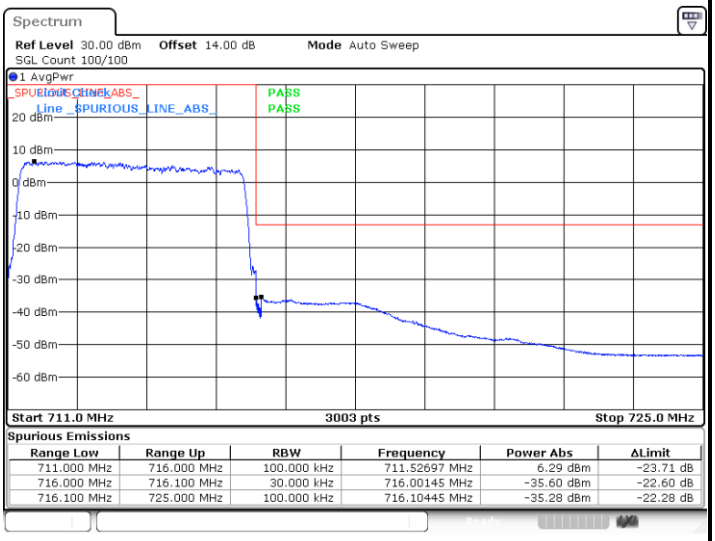


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-36.68 dBm	-23.68 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99655 MHz	-34.24 dBm	-21.24 dB
704.000 MHz	709.000 MHz	100.000 kHz	708.55794 MHz	6.03 dBm	-23.97 dB

Date: 17.AUG.2020 14:11:27

Highest Band Edge / Full RB



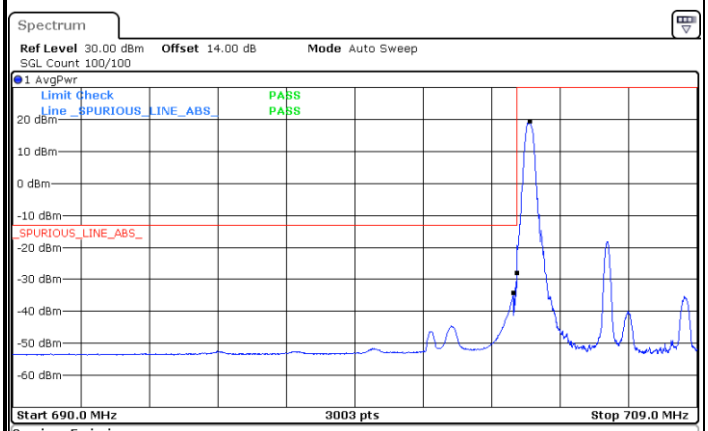
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.52697 MHz	6.29 dBm	-23.71 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00145 MHz	-35.60 dBm	-22.60 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.28 dBm	-22.28 dB

Date: 17.AUG.2020 14:18:46

LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

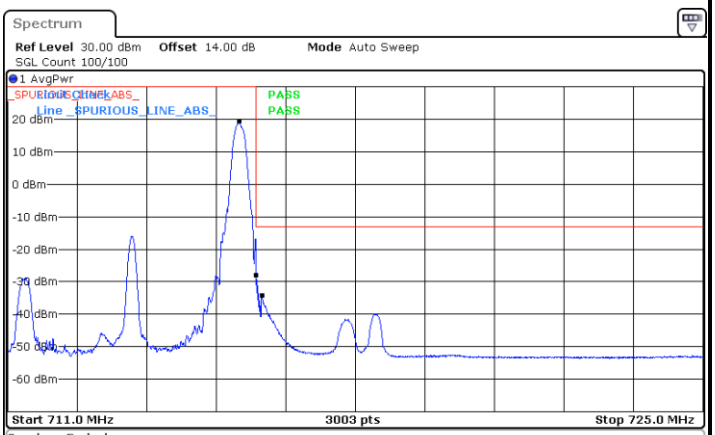


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-34.20 dBm	-21.20 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-28.12 dBm	-15.12 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35714 MHz	19.30 dBm	-10.70 dB

Date: 17.AUG.2020 15:12:26

Highest Band Edge / 1 RB

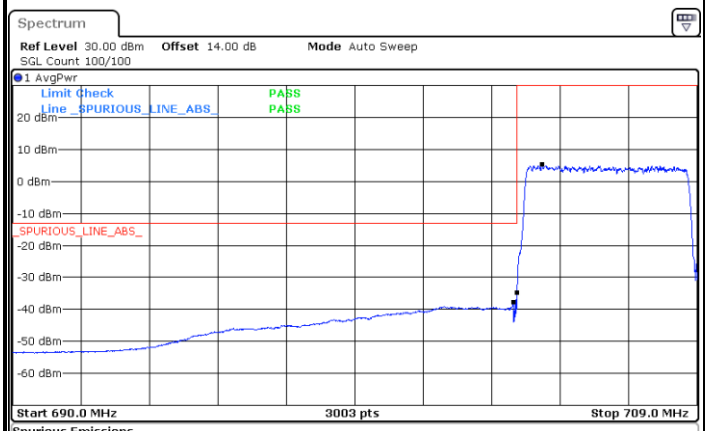


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.66783 MHz	19.34 dBm	-10.66 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00045 MHz	-27.99 dBm	-14.99 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-34.35 dBm	-21.35 dB

Date: 17.AUG.2020 15:16:05

Lowest Band Edge / Full RB

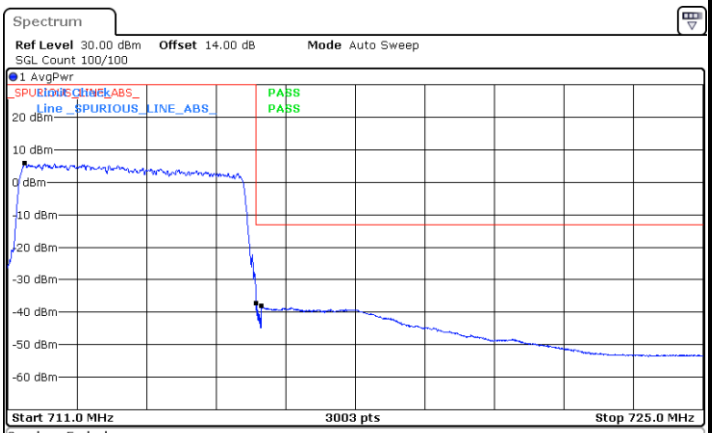


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-37.86 dBm	-24.86 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99895 MHz	-34.80 dBm	-21.80 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.69680 MHz	5.32 dBm	-24.68 dB

Date: 17.AUG.2020 15:13:11

Highest Band Edge / Full RB



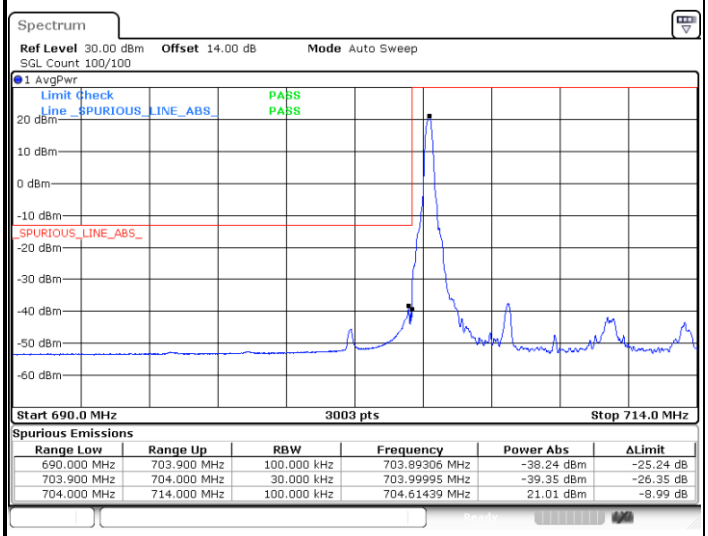
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.34715 MHz	5.91 dBm	-24.09 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00285 MHz	-37.21 dBm	-24.21 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.93 dBm	-24.93 dB

Date: 17.AUG.2020 15:16:50

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

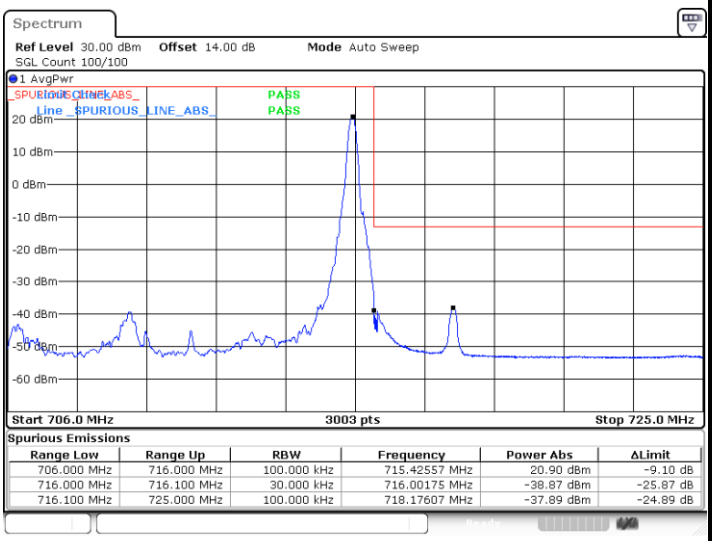


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.24 dBm	-25.24 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99995 MHz	-39.35 dBm	-26.35 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.61439 MHz	21.01 dBm	-8.99 dB

Date: 17.AUG.2020 14:21:40

Highest Band Edge / 1 RB

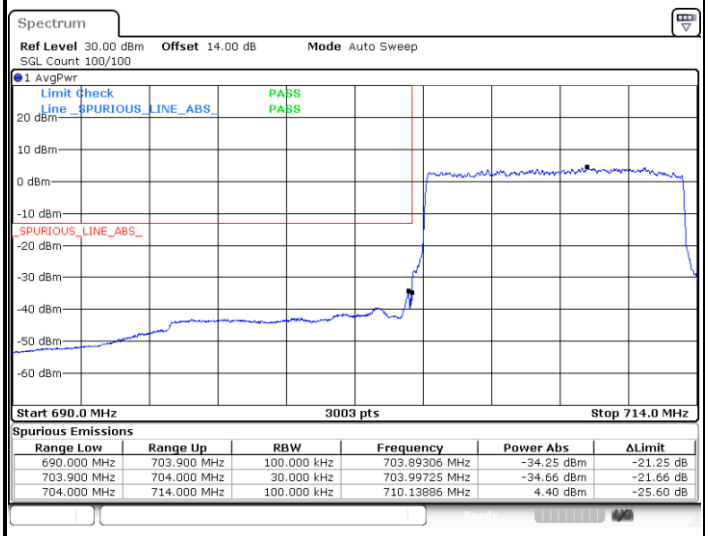


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.42557 MHz	20.90 dBm	-9.10 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00175 MHz	-38.87 dBm	-25.87 dB
716.100 MHz	725.000 MHz	100.000 kHz	718.17607 MHz	-37.89 dBm	-24.89 dB

Date: 17.AUG.2020 14:29:00

Lowest Band Edge / Full RB

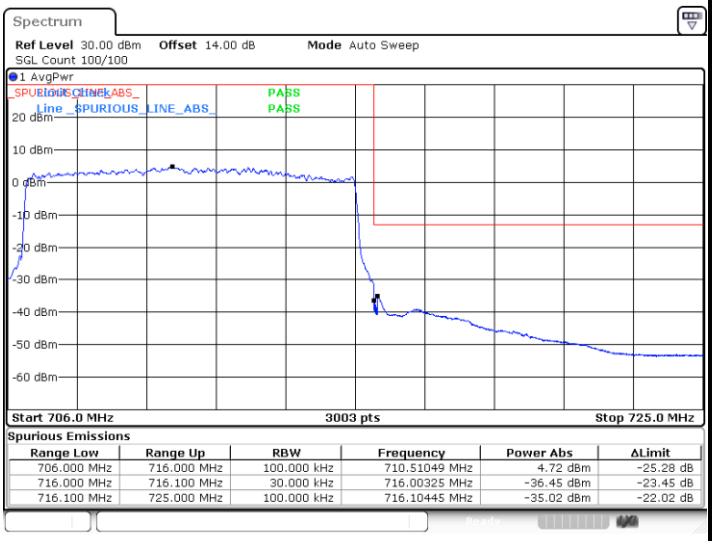


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-34.25 dBm	-21.25 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99725 MHz	-34.66 dBm	-21.66 dB
704.000 MHz	714.000 MHz	100.000 kHz	710.13886 MHz	4.40 dBm	-25.60 dB

Date: 17.AUG.2020 14:23:11

Highest Band Edge / Full RB



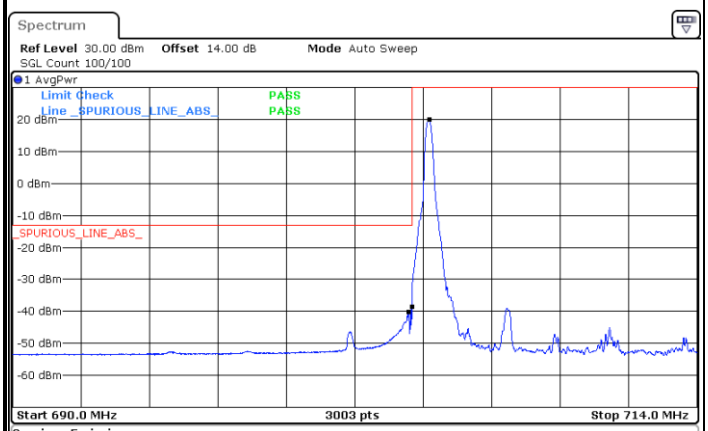
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.51049 MHz	4.72 dBm	-25.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00325 MHz	-36.45 dBm	-23.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.02 dBm	-22.02 dB

Date: 17.AUG.2020 14:30:30

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

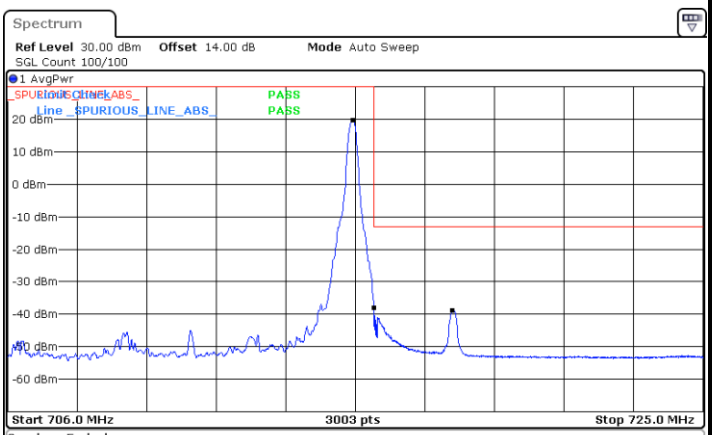


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-40.26 dBm	-27.26 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99735 MHz	-38.51 dBm	-25.51 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.60440 MHz	19.95 dBm	-10.05 dB

Date: 17.AUG.2020 14:22:26

Highest Band Edge / 1 RB

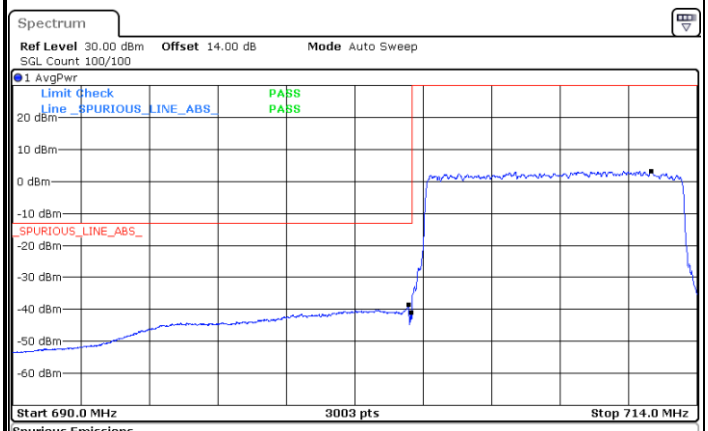


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.43556 MHz	19.57 dBm	-10.43 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-38.10 dBm	-25.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	718.14940 MHz	-38.84 dBm	-25.84 dB

Date: 17.AUG.2020 14:29:45

Lowest Band Edge / Full RB

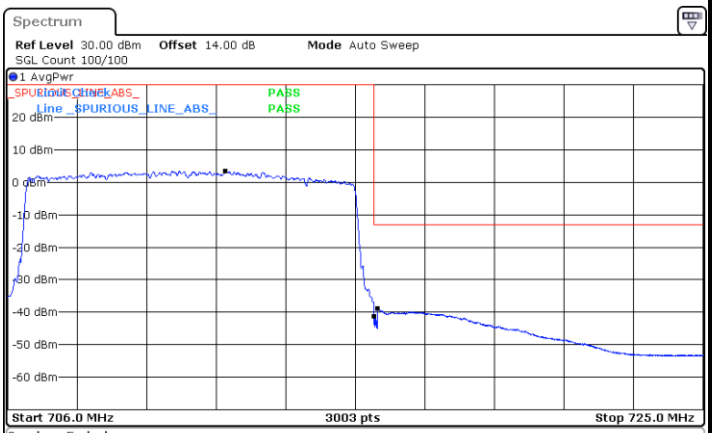


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-38.47 dBm	-25.47 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.97687 MHz	-40.93 dBm	-27.93 dB
704.000 MHz	714.000 MHz	100.000 kHz	712.37662 MHz	3.17 dBm	-26.83 dB

Date: 17.AUG.2020 14:23:56

Highest Band Edge / Full RB



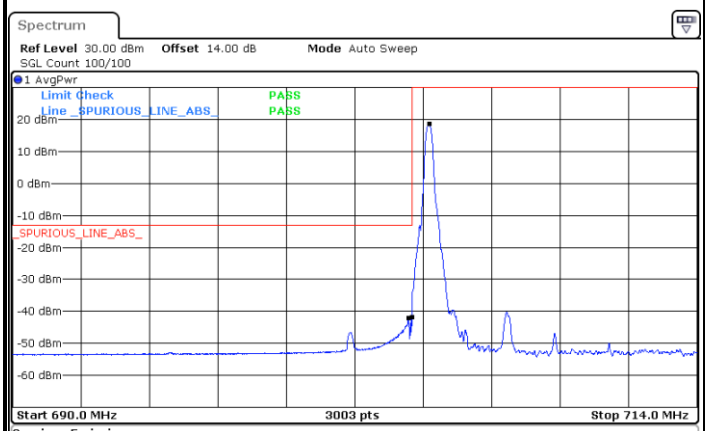
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	711.93906 MHz	3.36 dBm	-26.64 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01414 MHz	-41.28 dBm	-28.28 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-38.89 dBm	-25.89 dB

Date: 17.AUG.2020 14:31:16

LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

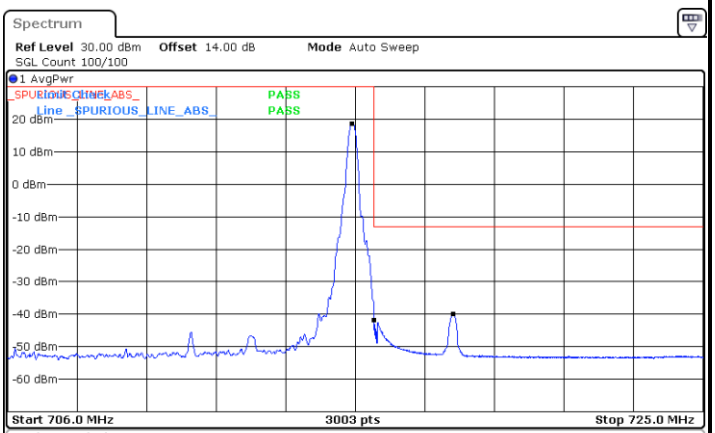


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-42.08 dBm	-29.08 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99955 MHz	-41.82 dBm	-28.82 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.61439 MHz	18.66 dBm	-11.34 dB

Date: 17.AUG.2020 15:18:39

Highest Band Edge / 1 RB

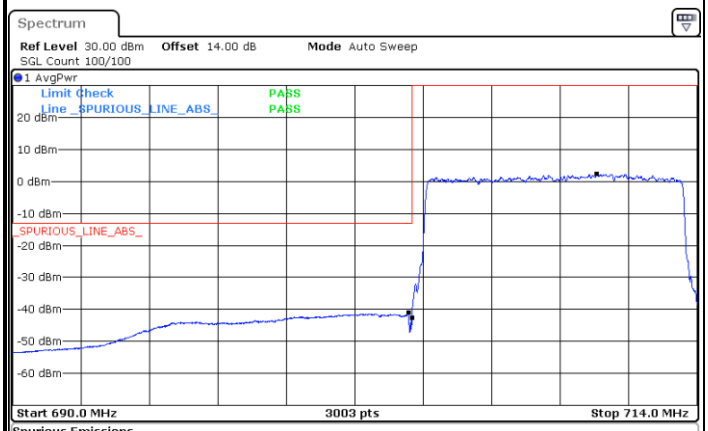


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	18.50 dBm	-11.50 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00135 MHz	-41.91 dBm	-28.91 dB
716.100 MHz	725.000 MHz	100.000 kHz	718.15829 MHz	-40.02 dBm	-27.02 dB

Date: 17.AUG.2020 15:22:19

Lowest Band Edge / Full RB

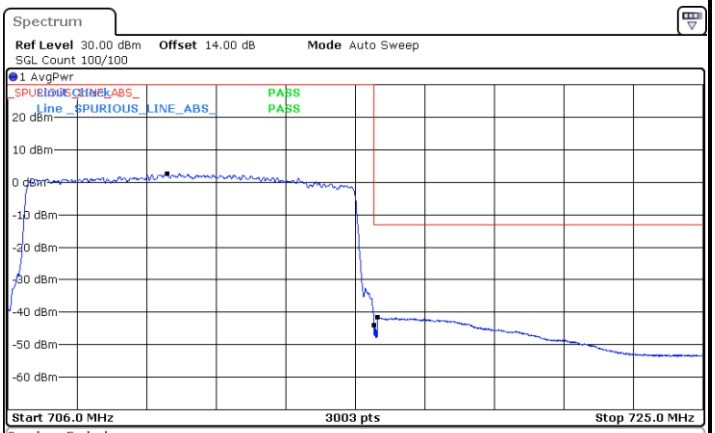


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-41.14 dBm	-28.14 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99845 MHz	-42.72 dBm	-29.72 dB
704.000 MHz	714.000 MHz	100.000 kHz	710.47852 MHz	2.35 dBm	-27.65 dB

Date: 17.AUG.2020 15:19:24

Highest Band Edge / Full RB



Spurious Emissions

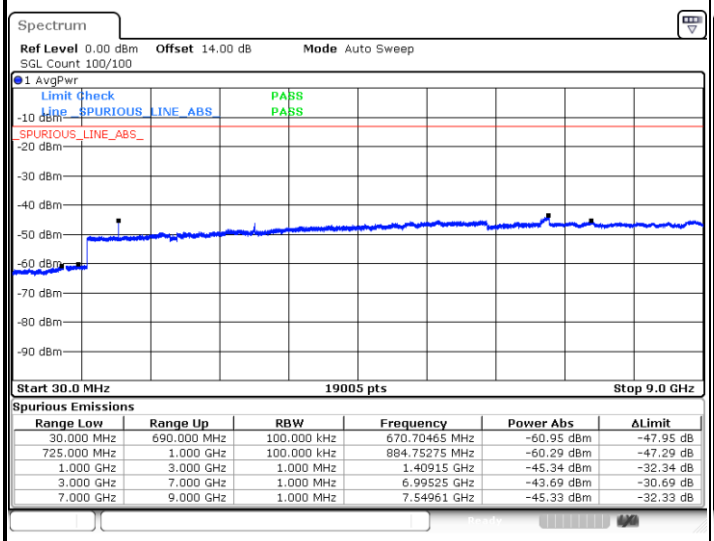
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.35065 MHz	2.73 dBm	-27.27 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-44.00 dBm	-31.00 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-41.49 dBm	-28.49 dB

Date: 17.AUG.2020 15:23:04

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

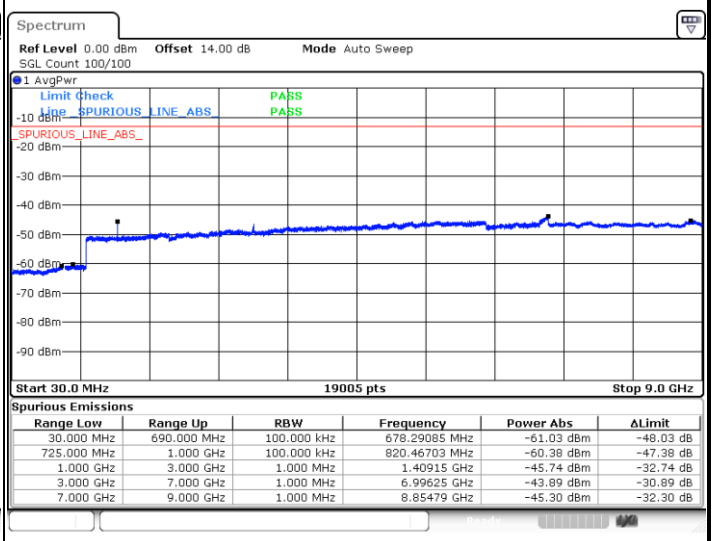


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	670.70465 MHz	-60.95 dBm	-47.95 dB
725.000 MHz	1.000 GHz	100.000 kHz	884.75275 MHz	-60.29 dBm	-47.29 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-45.34 dBm	-32.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.69 dBm	-30.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54961 GHz	-45.33 dBm	-32.33 dB

Date: 17.AUG.2020 14:12:09

Lowest Channel / 16QAM

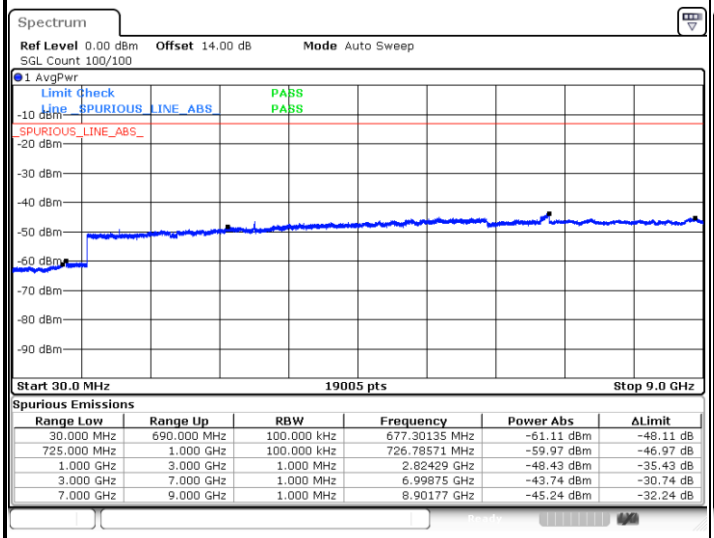


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	678.29085 MHz	-61.03 dBm	-48.03 dB
725.000 MHz	1.000 GHz	100.000 kHz	820.46703 MHz	-60.38 dBm	-47.38 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-45.74 dBm	-32.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-43.89 dBm	-30.89 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.85479 GHz	-45.30 dBm	-32.30 dB

Date: 17.AUG.2020 14:12:51

Middle Channel / QPSK

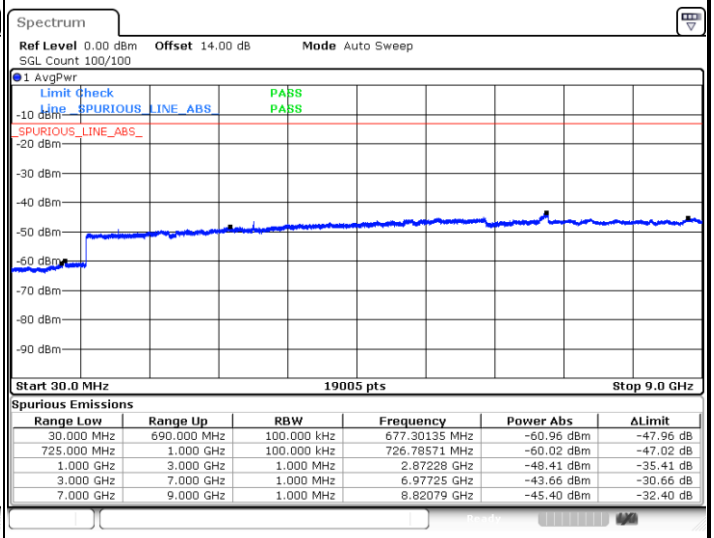


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-61.11 dBm	-48.11 dB
725.000 MHz	1.000 GHz	100.000 kHz	726.78571 MHz	-59.97 dBm	-46.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.82429 GHz	-48.43 dBm	-35.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-43.74 dBm	-30.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90177 GHz	-45.24 dBm	-32.24 dB

Date: 17.AUG.2020 14:14:18

Middle Channel / 16QAM



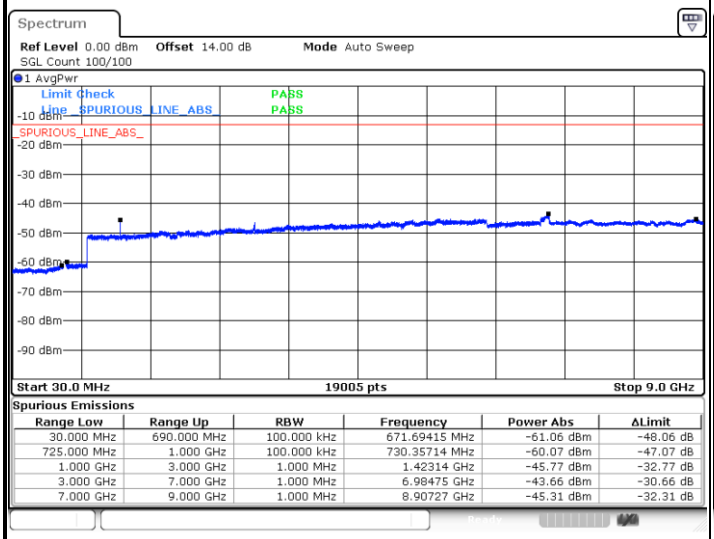
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	677.30135 MHz	-60.96 dBm	-47.96 dB
725.000 MHz	1.000 GHz	100.000 kHz	726.78571 MHz	-60.02 dBm	-47.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.87228 GHz	-48.41 dBm	-35.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97725 GHz	-43.66 dBm	-30.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.82079 GHz	-45.40 dBm	-32.40 dB

Date: 17.AUG.2020 14:15:00

LTE Band 17 / 5MHz

Highest Channel / QPSK

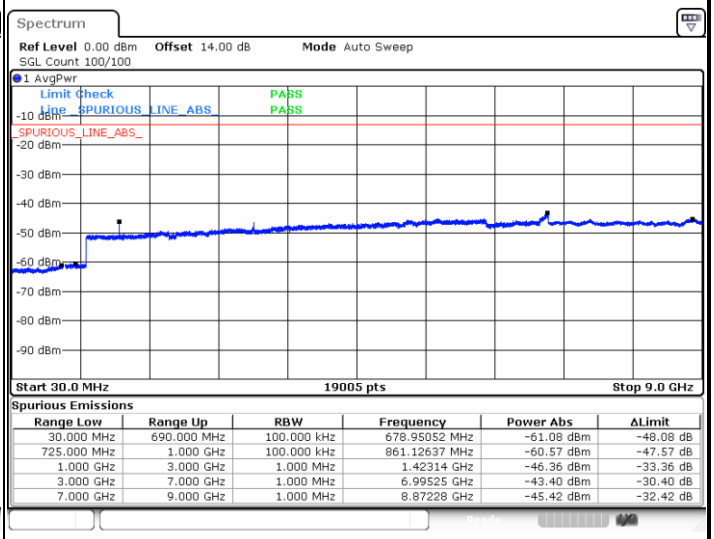


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.69415 MHz	-61.06 dBm	-48.06 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-60.07 dBm	-47.07 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-45.77 dBm	-32.77 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-43.66 dBm	-30.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90727 GHz	-45.31 dBm	-32.31 dB

Date: 17.AUG.2020 14:19:29

Highest Channel / 16QAM



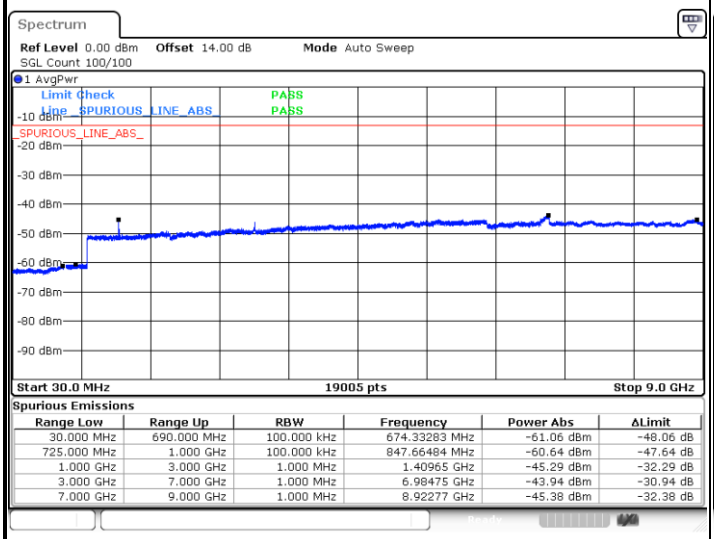
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	678.95052 MHz	-61.08 dBm	-48.08 dB
725.000 MHz	1.000 GHz	100.000 kHz	861.12637 MHz	-60.57 dBm	-47.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-46.36 dBm	-33.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.40 dBm	-30.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.87228 GHz	-45.42 dBm	-32.42 dB

Date: 17.AUG.2020 14:20:11

LTE Band 17 / 10MHz

Lowest Channel / QPSK

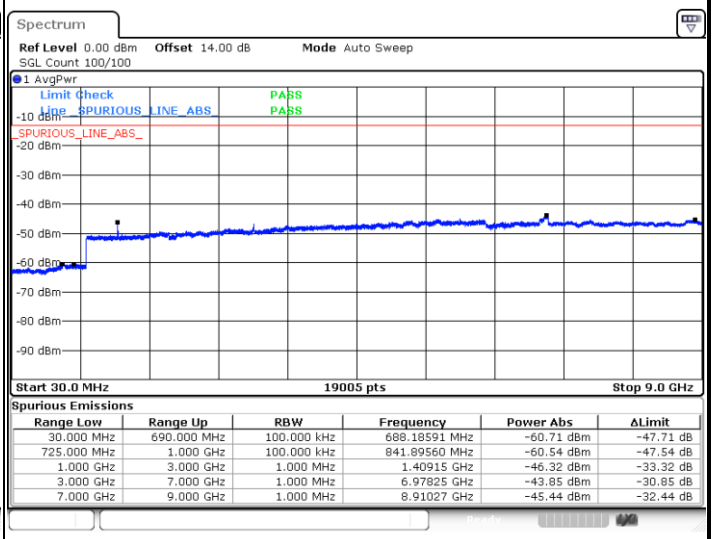


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.33283 MHz	-61.06 dBm	-48.06 dB
725.000 MHz	1.000 GHz	100.000 kHz	847.66484 MHz	-60.64 dBm	-47.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-45.29 dBm	-32.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-43.94 dBm	-30.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92277 GHz	-45.38 dBm	-32.38 dB

Date: 17.AUG.2020 14:24:39

Lowest Channel / 16QAM



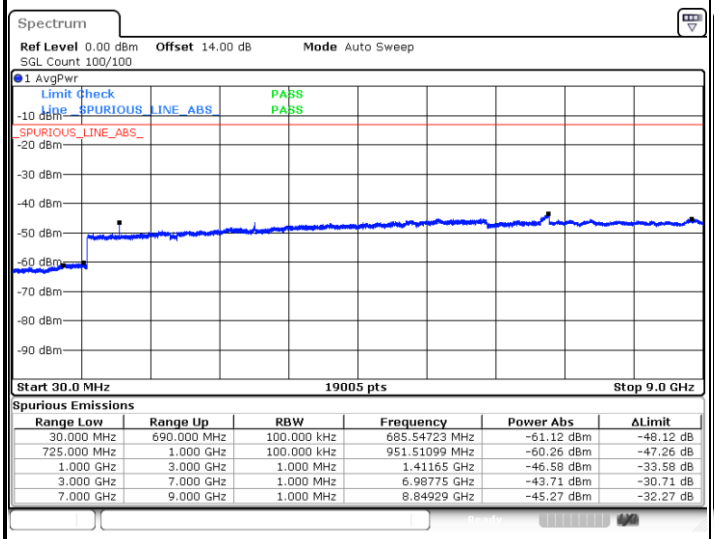
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	688.18591 MHz	-60.71 dBm	-47.71 dB
725.000 MHz	1.000 GHz	100.000 kHz	841.89560 MHz	-60.54 dBm	-47.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97825 GHz	-43.85 dBm	-30.85 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.91027 GHz	-45.44 dBm	-32.44 dB

Date: 17.AUG.2020 14:25:22

LTE Band 17 / 10MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.54723 MHz	-61.12 dBm	-48.12 dB
725.000 MHz	1.000 GHz	100.000 kHz	951.51099 MHz	-60.26 dBm	-47.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.84929 GHz	-45.27 dBm	-32.27 dB

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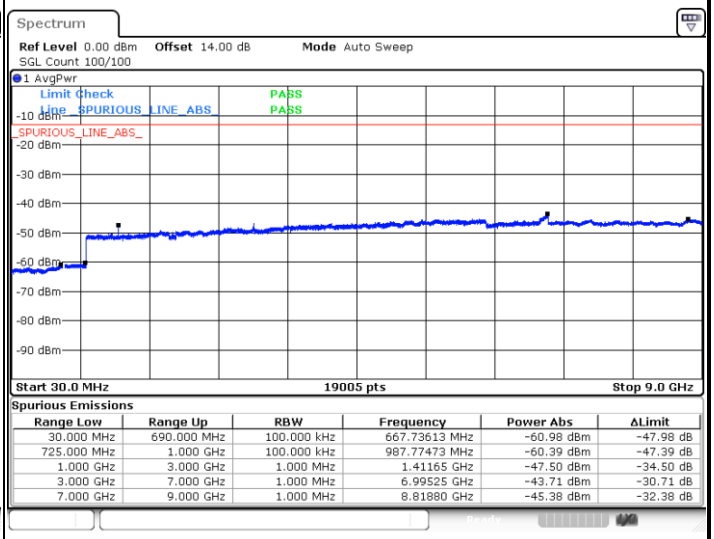
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	667.73613 MHz	-60.98 dBm	-47.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	987.77473 MHz	-60.39 dBm	-47.39 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-47.50 dBm	-34.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-43.71 dBm	-30.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.81880 GHz	-45.38 dBm	-32.38 dB

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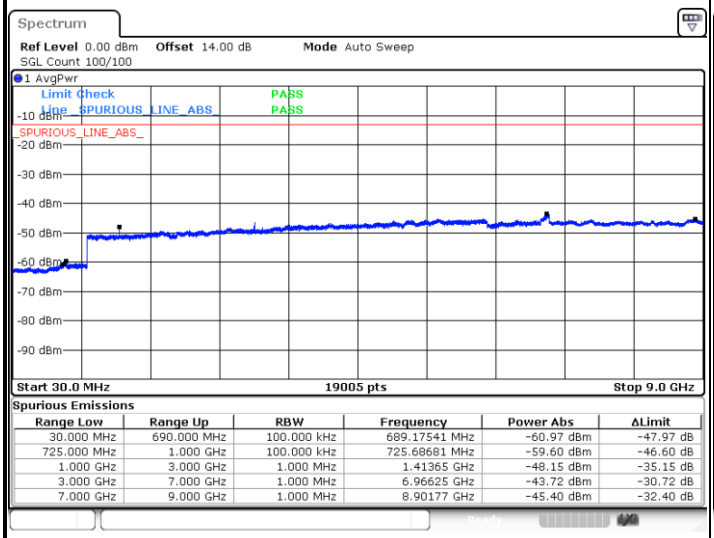
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	689.17541 MHz	-60.97 dBm	-47.97 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.68681 MHz	-59.60 dBm	-46.60 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-48.15 dBm	-35.15 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96625 GHz	-43.72 dBm	-30.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.90177 GHz	-45.40 dBm	-32.40 dB

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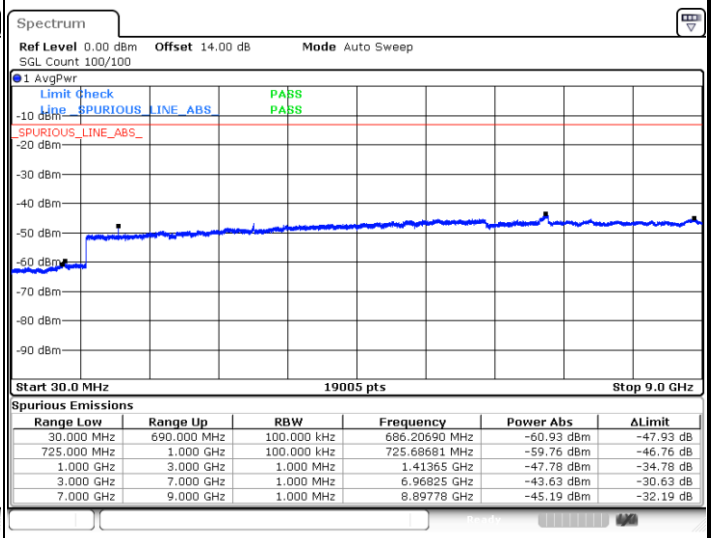
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.20690 MHz	-60.93 dBm	-47.93 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.68681 MHz	-59.76 dBm	-46.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-47.78 dBm	-34.78 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96825 GHz	-43.63 dBm	-30.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89778 GHz	-45.19 dBm	-32.19 dB

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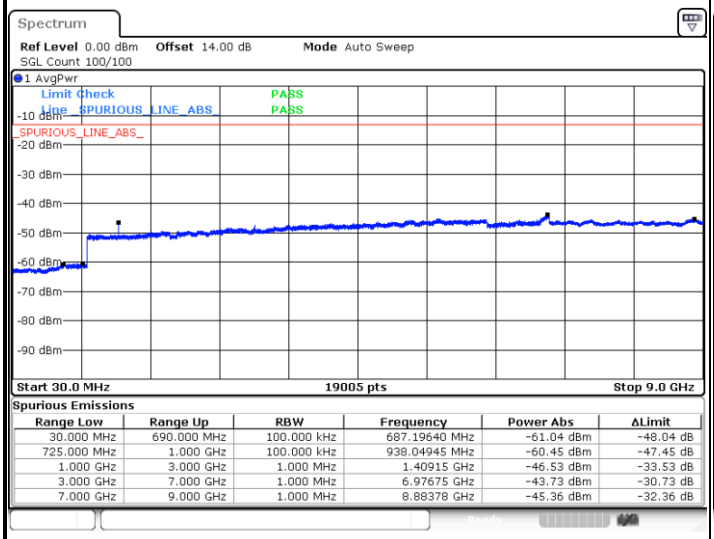
LTE Band 17 / 5MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	687.19640 MHz	-61.04 dBm	-48.04 dB
725.000 MHz	1.000 GHz	100.000 kHz	938.04945 MHz	-60.45 dBm	-47.45 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-46.53 dBm	-33.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97675 GHz	-43.73 dBm	-30.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88378 GHz	-45.36 dBm	-32.36 dB

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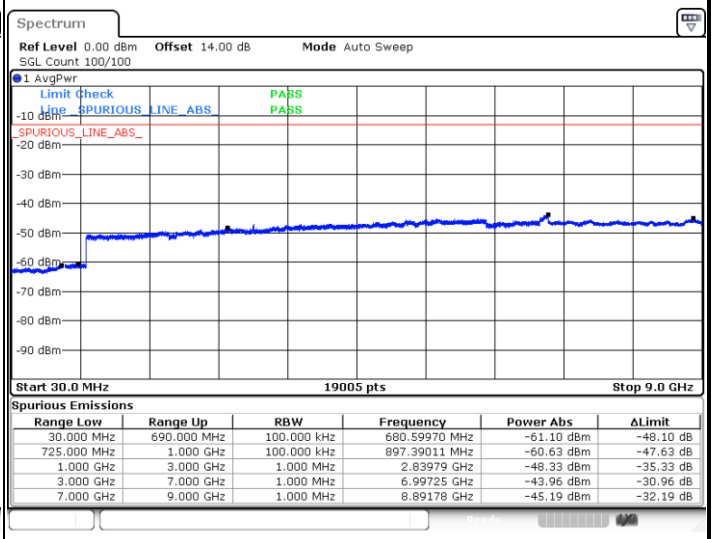
Middle Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.59970 MHz	-61.10 dBm	-48.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	897.39011 MHz	-60.63 dBm	-47.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.83979 GHz	-48.33 dBm	-35.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-43.96 dBm	-30.96 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89178 GHz	-45.19 dBm	-32.19 dB

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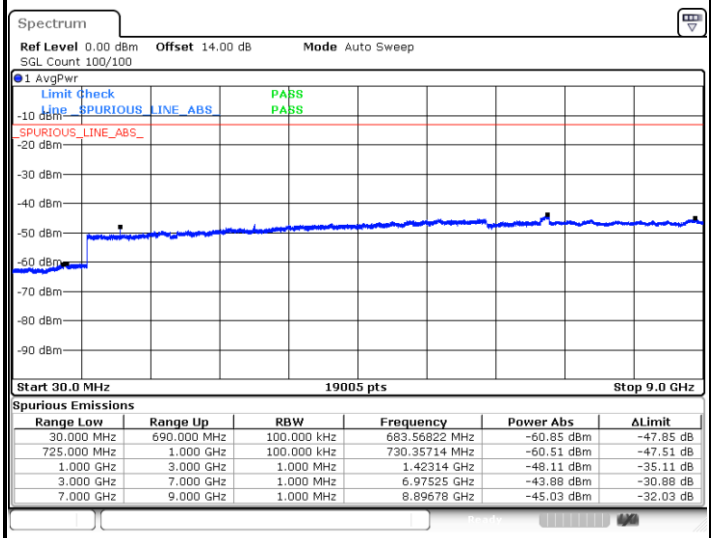
Highest Channel / 64QAM



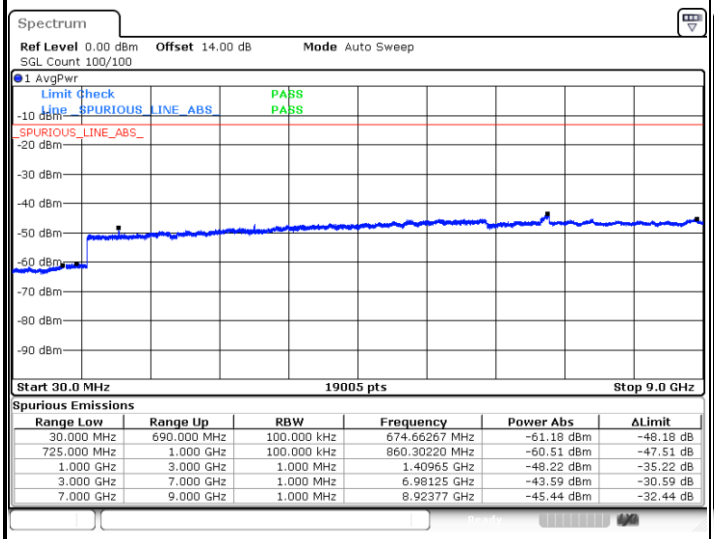
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	683.56822 MHz	-60.85 dBm	-47.85 dB
725.000 MHz	1.000 GHz	100.000 kHz	730.35714 MHz	-60.51 dBm	-47.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.42314 GHz	-48.11 dBm	-35.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97525 GHz	-43.88 dBm	-30.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89678 GHz	-45.03 dBm	-32.03 dB

Date: 17.AUG.2020 15:17:33

LTE Band 17 / 10MHz

Lowest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	674.66267 MHz	-61.18 dBm	-48.18 dB
725.000 MHz	1.000 GHz	100.000 kHz	860.30220 MHz	-60.51 dBm	-47.51 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-48.22 dBm	-35.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-43.59 dBm	-30.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.92377 GHz	-45.44 dBm	-32.44 dB

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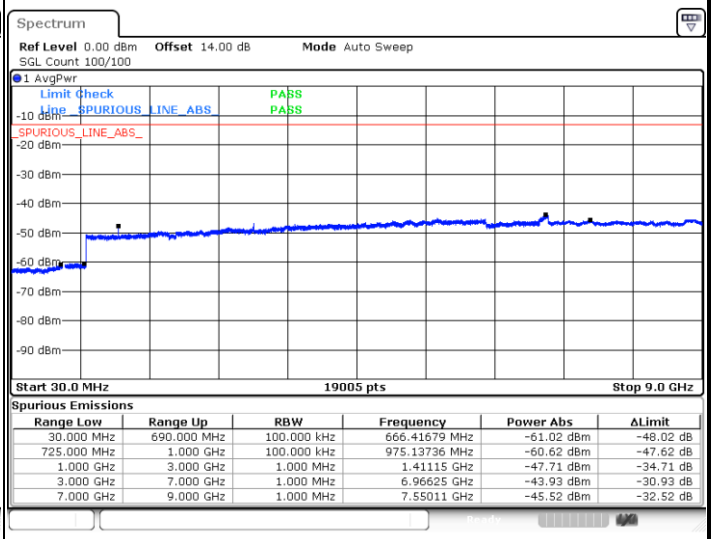
Middle Channel / 64QAM

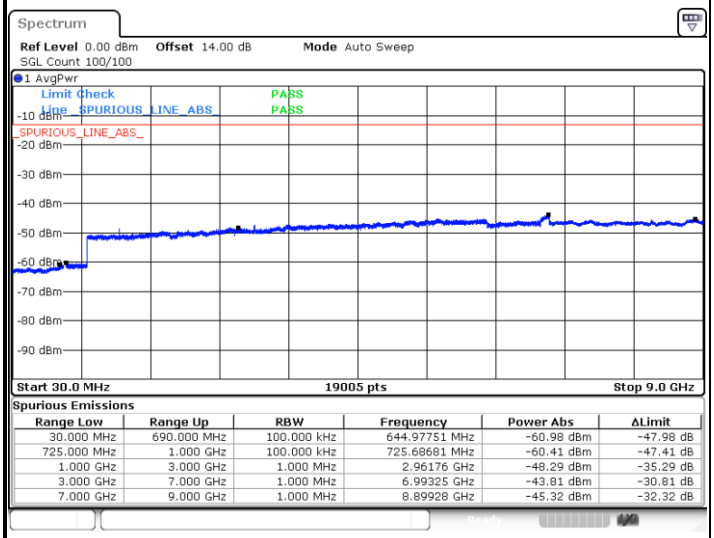


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	666.41679 MHz	-61.02 dBm	-48.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.13736 MHz	-60.62 dBm	-47.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41115 GHz	-47.71 dBm	-34.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96625 GHz	-43.93 dBm	-30.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55011 GHz	-45.52 dBm	-32.52 dB

Date: 17.AUG.2020 15:21:12

Highest Channel / 64QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	644.97751 MHz	-60.98 dBm	-47.98 dB
725.000 MHz	1.000 GHz	100.000 kHz	725.68681 MHz	-60.41 dBm	-47.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96176 GHz	-48.29 dBm	-35.29 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-43.81 dBm	-30.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.89928 GHz	-45.32 dBm	-32.32 dB

Date: 17.AUG.2020 15:23:47

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.7 V. ; Maximum Voltage =4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664.18	-44.68	-13	-31.68	-52.46	-47.93	4.00	9.40	H
	2496.27	-46.80	-13	-33.80	-58.86	-50.37	4.88	10.60	H
	3328.36	-61.99	-13	-48.99	-76.79	-66.92	5.52	12.60	H
	1664.18	-43.90	-13	-30.90	-51.82	-47.15	4.00	9.40	V
	2496.27	-58.45	-13	-45.45	-70.60	-62.02	4.88	10.60	V
	3328.36	-61.83	-13	-48.83	-76.61	-66.76	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-59.86	-13	-46.86	-68.88	-63.11	4.00	9.40	H
	2109	-65.82	-13	-52.82	-76.98	-69.39	4.88	10.60	H
	2812	-62.55	-13	-49.55	-76.39	-67.48	5.52	12.60	H
	1406	-57.23	-13	-44.23	-66.14	-60.48	4.00	9.40	V
	2109	-65.59	-13	-52.59	-76.98	-69.16	4.88	10.60	V
	2812	-62.42	-13	-49.42	-76.19	-67.35	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1415.68	-55.47	-13	-42.47	-64.47	-58.72	4.00	9.40	H
	2123.58	-65.30	-13	-52.30	-76.62	-68.87	4.88	10.60	H
	2831.36	-62.68	-13	-49.68	-76.57	-67.61	5.52	12.60	H
	1415.68	-56.79	-13	-43.79	-65.68	-60.04	4.00	9.40	V
	2123.58	-64.91	-13	-51.91	-76.49	-68.48	4.88	10.60	V
	2831.36	-62.60	-13	-49.60	-76.42	-67.53	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 17 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1411.18	-54.83	-13	-41.83	-63.84	-58.08	4.00	9.40	H
	2116.77	-65.26	-13	-52.26	-76.51	-68.83	4.88	10.60	H
	2822.36	-62.52	-13	-49.52	-76.38	-67.45	5.52	12.60	H
	1411.18	-54.72	-13	-41.72	-63.62	-57.97	4.00	9.40	V
	2116.77	-65.08	-13	-52.08	-76.58	-68.65	4.88	10.60	V
	2822.36	-62.42	-13	-49.42	-76.21	-67.35	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.