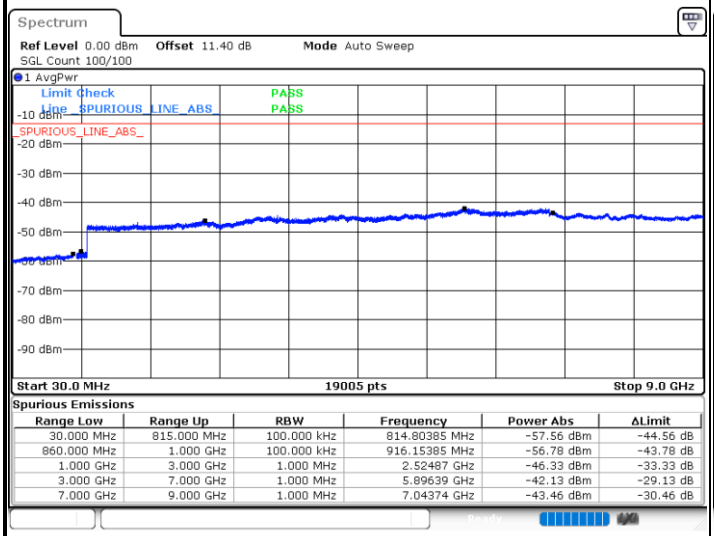
LTE Band 5 / 5MHz

Lowest Channel / QPSK

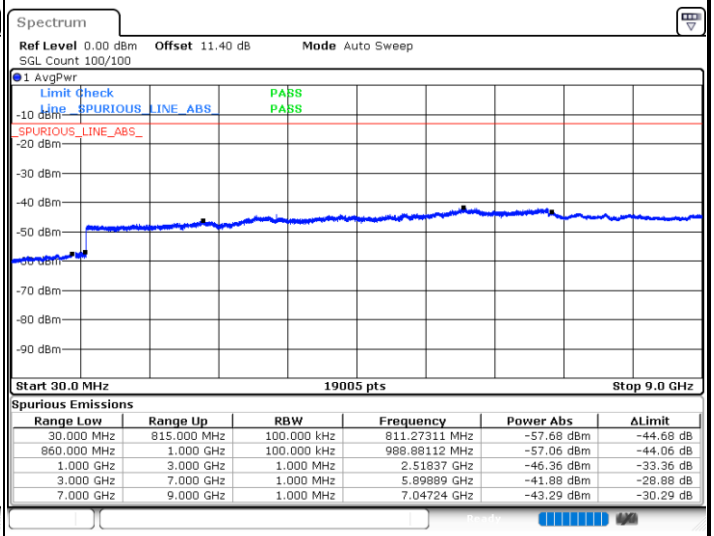


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-57.56 dBm	-44.56 dB
860.000 MHz	1.000 GHz	100.000 kHz	916.15385 MHz	-56.78 dBm	-43.78 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52487 GHz	-46.33 dBm	-33.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89639 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04374 GHz	-43.46 dBm	-30.46 dB

Date: 7.MAY.2020 22:46:47

Lowest Channel / 16QAM

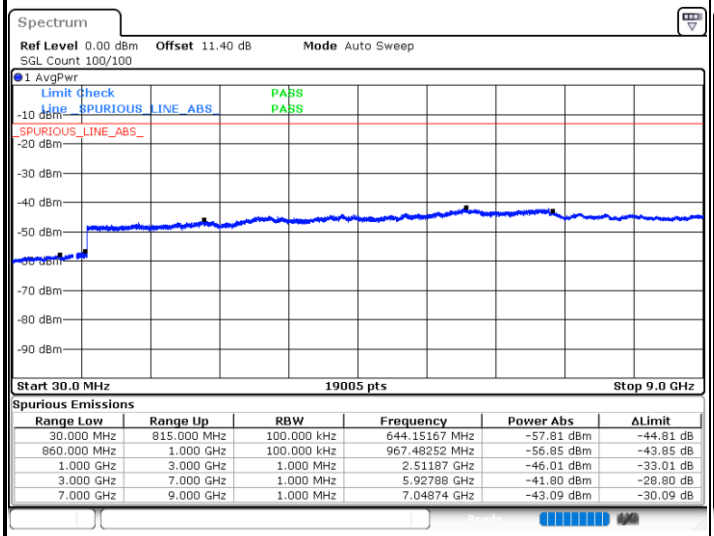


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	811.27311 MHz	-57.68 dBm	-44.68 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.88112 MHz	-57.06 dBm	-44.06 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51837 GHz	-46.36 dBm	-33.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89889 GHz	-41.88 dBm	-28.88 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04724 GHz	-43.29 dBm	-30.29 dB

Date: 7.MAY.2020 22:47:32

Middle Channel / QPSK

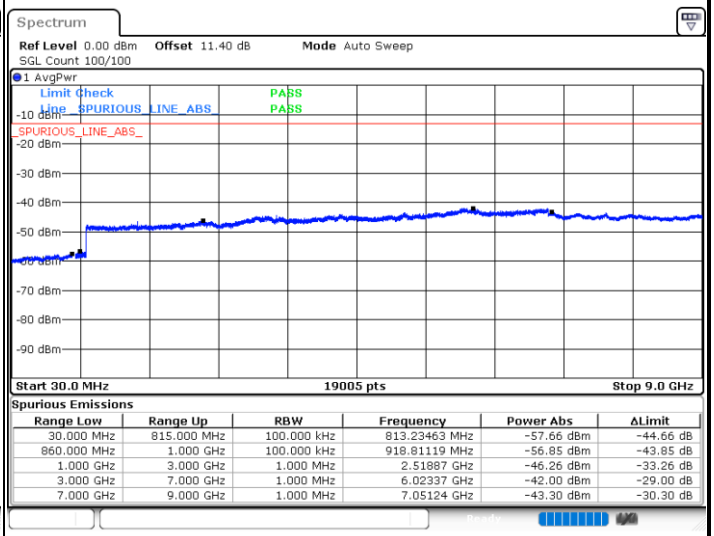


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	644.15167 MHz	-57.81 dBm	-44.81 dB
860.000 MHz	1.000 GHz	100.000 kHz	967.48252 MHz	-56.85 dBm	-43.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51187 GHz	-46.01 dBm	-33.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.92788 GHz	-41.80 dBm	-28.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04874 GHz	-43.09 dBm	-30.09 dB

Date: 7.MAY.2020 22:49:02

Middle Channel / 16QAM



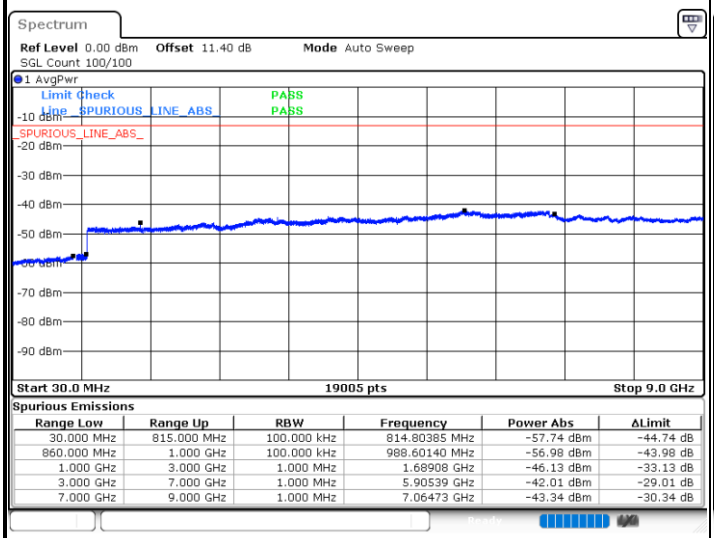
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	813.23463 MHz	-57.66 dBm	-44.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	918.81119 MHz	-56.85 dBm	-43.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51887 GHz	-46.26 dBm	-33.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.02337 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05124 GHz	-43.30 dBm	-30.30 dB

Date: 7.MAY.2020 22:49:46

LTE Band 5 / 5MHz

Highest Channel / QPSK

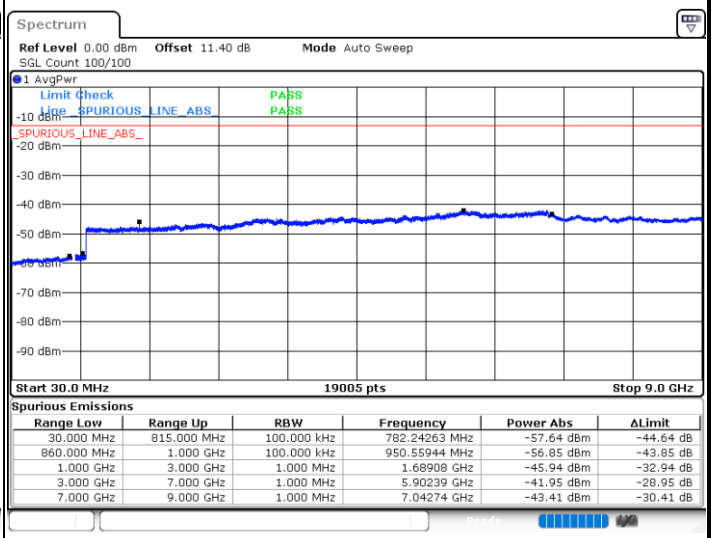


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.80385 MHz	-57.74 dBm	-44.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.60140 MHz	-56.98 dBm	-43.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.13 dBm	-33.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.90539 GHz	-42.01 dBm	-29.01 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06473 GHz	-43.34 dBm	-30.34 dB

Date: 7.MAY.2020 22:57:54

Highest Channel / 16QAM



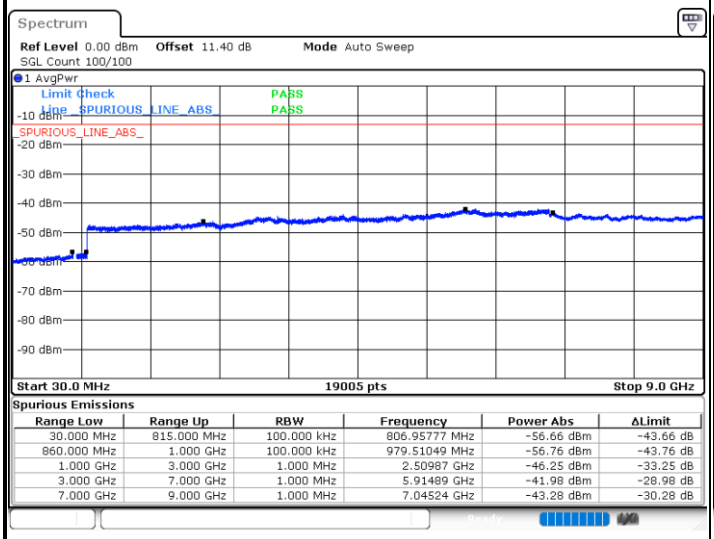
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	782.24263 MHz	-57.64 dBm	-44.64 dB
860.000 MHz	1.000 GHz	100.000 kHz	950.55944 MHz	-56.85 dBm	-43.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-45.94 dBm	-32.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.90239 GHz	-41.95 dBm	-28.95 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04274 GHz	-43.41 dBm	-30.41 dB

Date: 7.MAY.2020 22:58:39

LTE Band 5 / 10MHz

Lowest Channel / QPSK

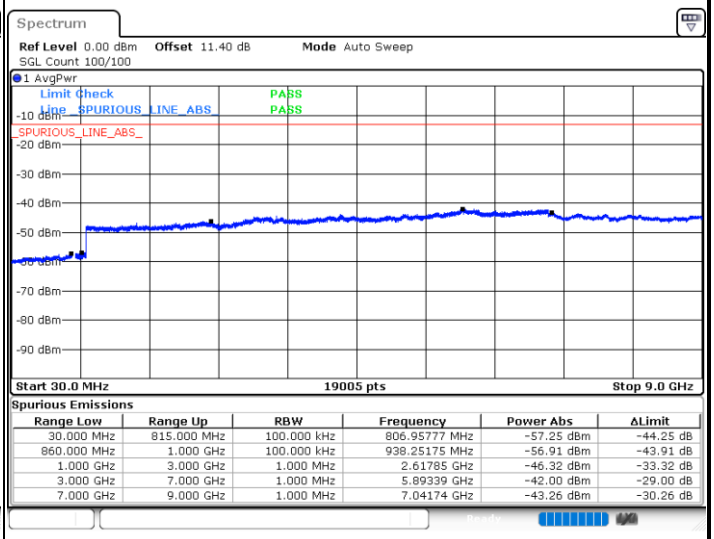


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-56.66 dBm	-43.66 dB
860.000 MHz	1.000 GHz	100.000 kHz	979.51049 MHz	-56.76 dBm	-43.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50987 GHz	-46.25 dBm	-33.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91489 GHz	-41.98 dBm	-28.98 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04524 GHz	-43.28 dBm	-30.28 dB

Date: 7.MAY.2020 23:06:46

Lowest Channel / 16QAM



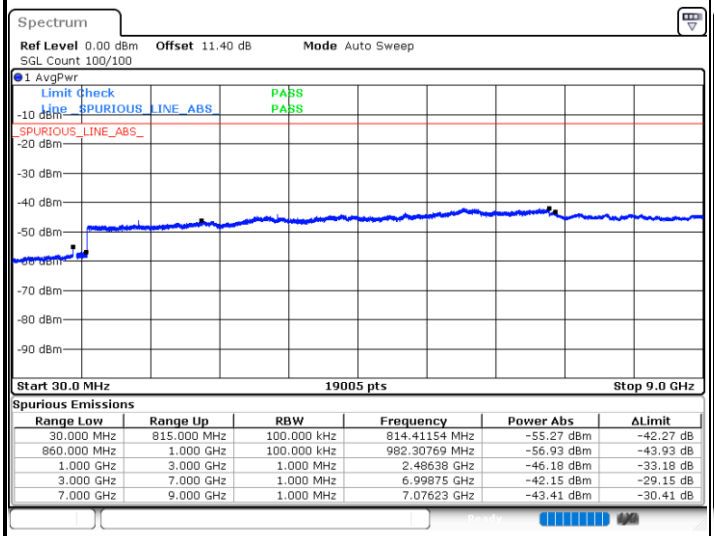
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-57.25 dBm	-44.25 dB
860.000 MHz	1.000 GHz	100.000 kHz	938.25175 MHz	-56.91 dBm	-43.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.61785 GHz	-46.32 dBm	-33.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89339 GHz	-42.00 dBm	-29.00 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04174 GHz	-43.26 dBm	-30.26 dB

Date: 7.MAY.2020 23:07:31

LTE Band 5 / 10MHz

Middle Channel / QPSK

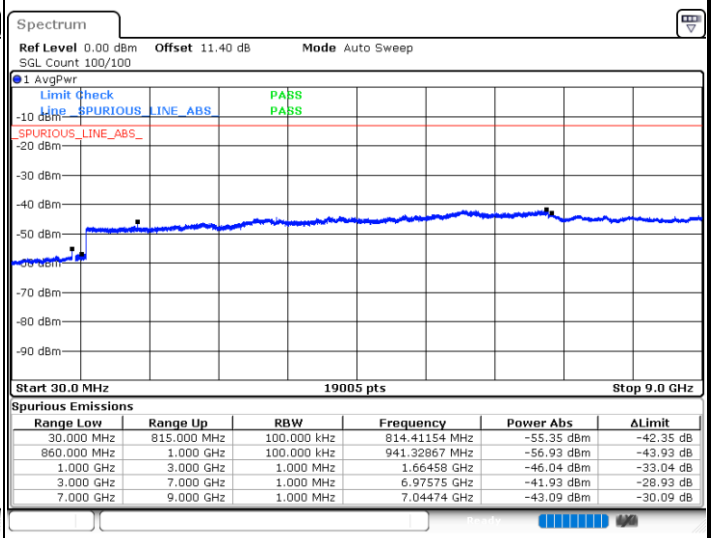


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-55.27 dBm	-42.27 dB
860.000 MHz	1.000 GHz	100.000 kHz	982.30769 MHz	-56.93 dBm	-43.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.48638 GHz	-46.18 dBm	-33.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99875 GHz	-42.15 dBm	-29.15 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07623 GHz	-43.41 dBm	-30.41 dB

Date: 7.MAY.2020 23:09:01

Middle Channel / 16QAM

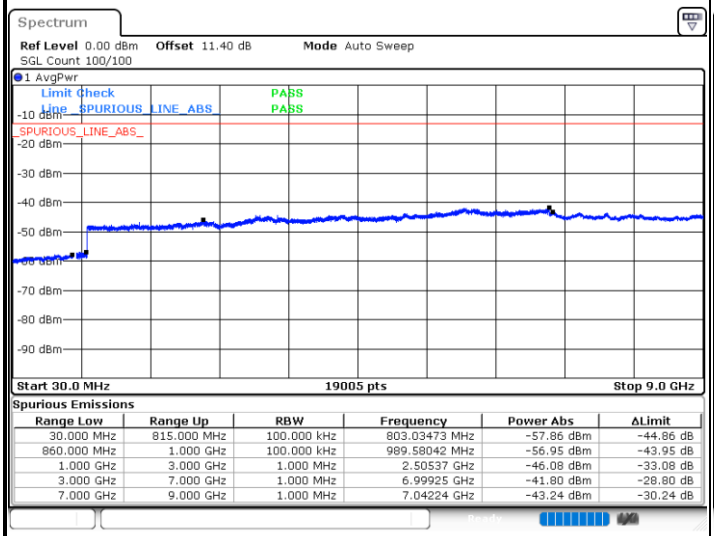


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-55.35 dBm	-42.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	941.32867 MHz	-56.93 dBm	-43.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.04 dBm	-33.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97575 GHz	-41.93 dBm	-28.93 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04474 GHz	-43.09 dBm	-30.09 dB

Date: 7.MAY.2020 23:09:45

Highest Channel / QPSK

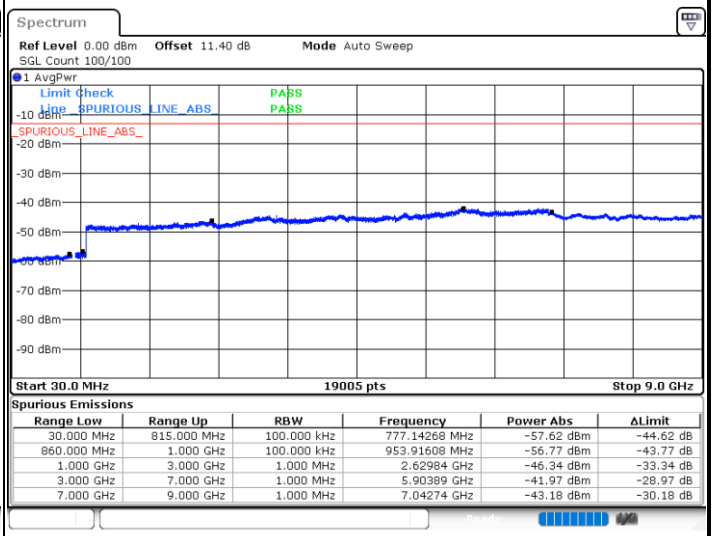


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.03473 MHz	-57.86 dBm	-44.86 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.58042 MHz	-56.95 dBm	-43.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50537 GHz	-46.08 dBm	-33.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-41.80 dBm	-28.80 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04224 GHz	-43.24 dBm	-30.24 dB

Date: 7.MAY.2020 23:17:53

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	777.14268 MHz	-57.62 dBm	-44.62 dB
860.000 MHz	1.000 GHz	100.000 kHz	953.91608 MHz	-56.77 dBm	-43.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62984 GHz	-46.34 dBm	-33.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.90389 GHz	-41.97 dBm	-28.97 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04274 GHz	-43.18 dBm	-30.18 dB

Date: 7.MAY.2020 23:18:38

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.4 V.；Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

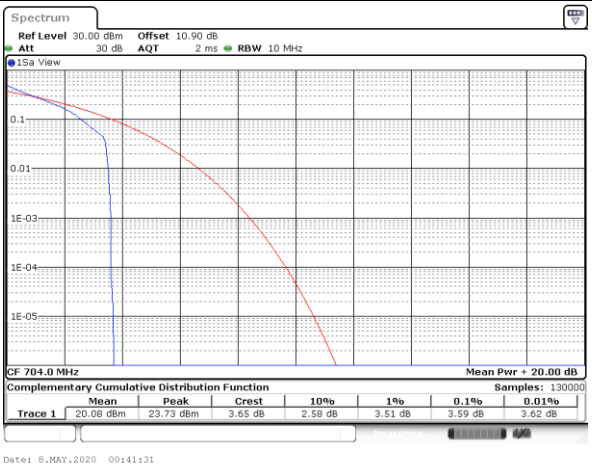
LTE Band 12

Peak-to-Average Ratio

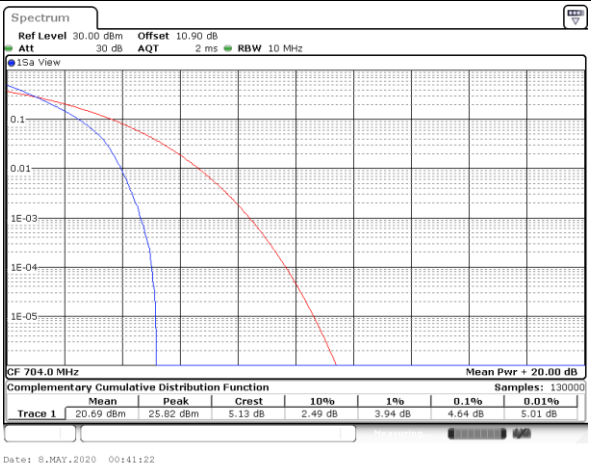
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.59	4.64	5.19	5.94	PASS
Middle CH	3.65	4.64	4.93	5.86	
Highest CH	3.59	5.01	5.16	5.91	

LTE Band 12 / 10MHz / QPSK

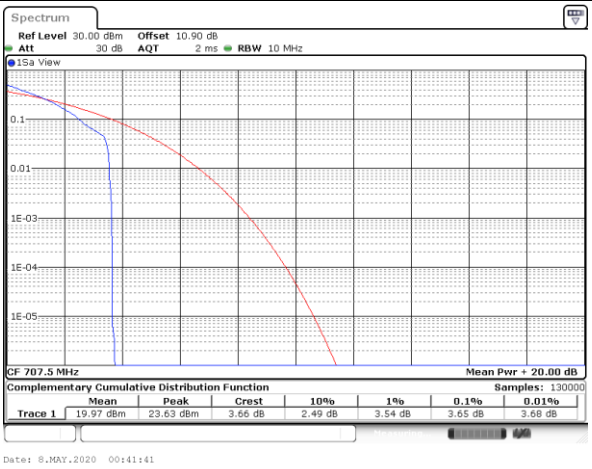
Lowest Channel / 1RB



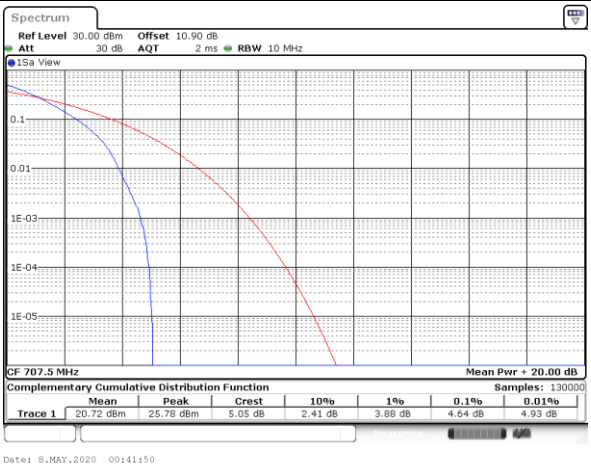
Lowest Channel / Full RB



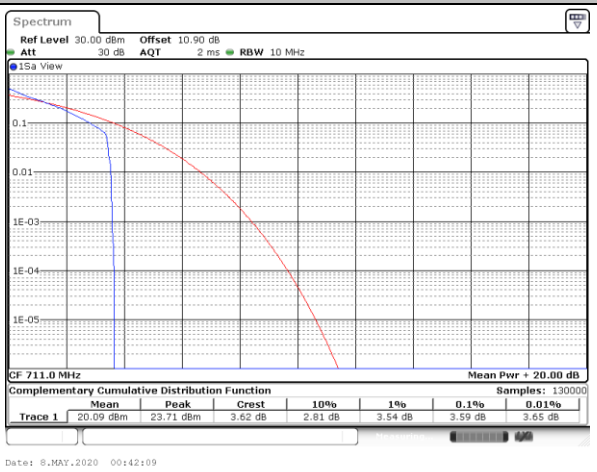
Middle Channel / 1RB



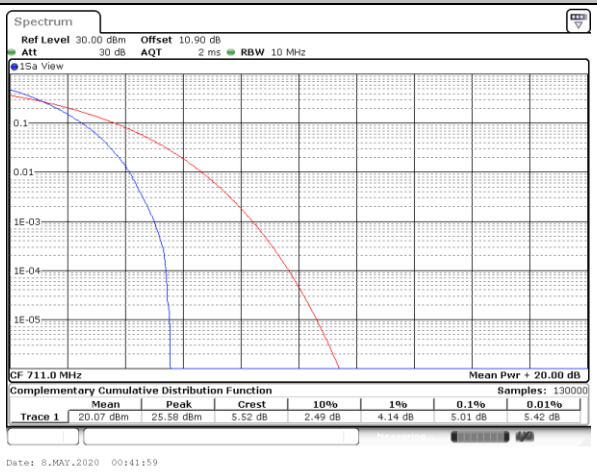
Middle Channel / Full RB



Highest Channel / 1RB

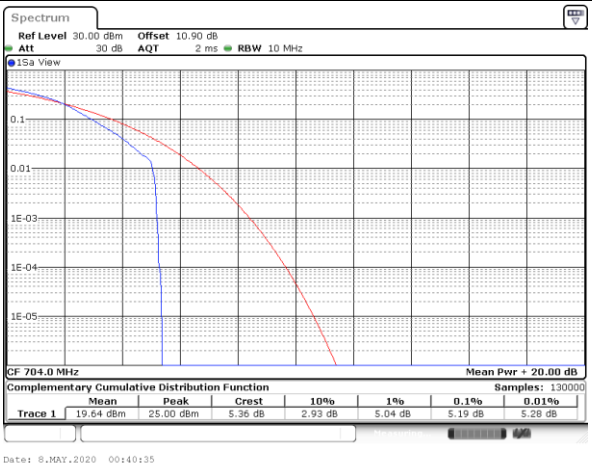


Highest Channel / Full RB

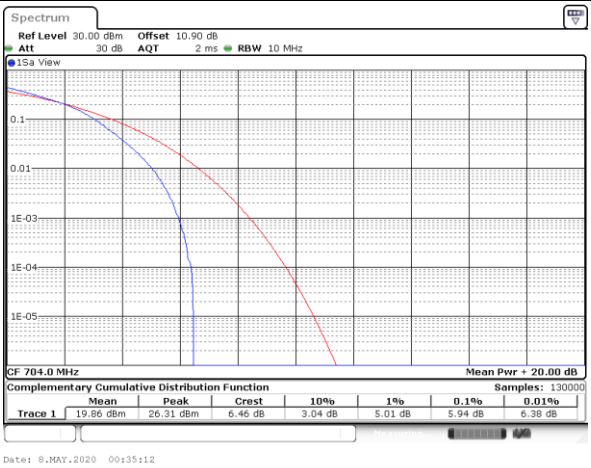


LTE Band 12 / 10MHz / 16QAM

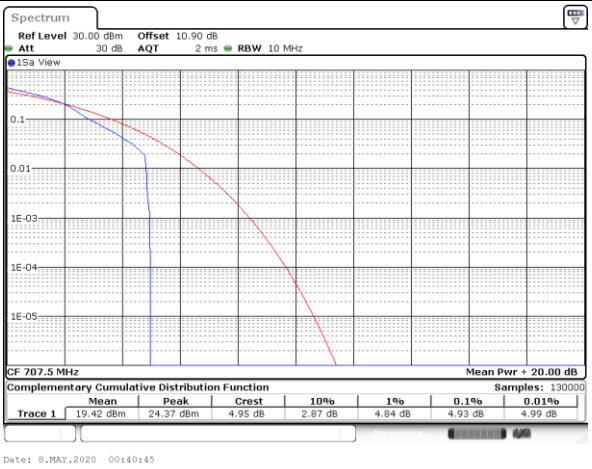
Lowest Channel / 1RB



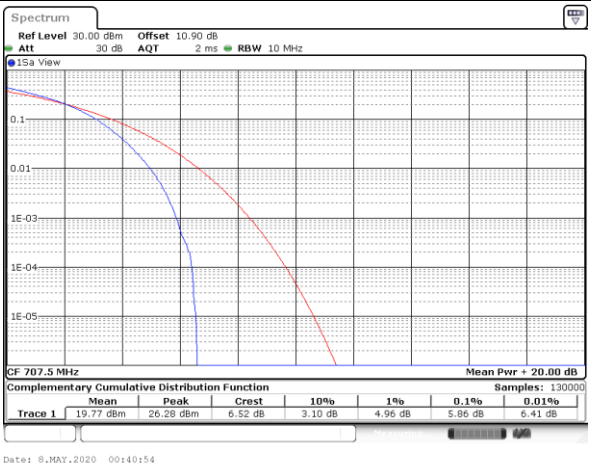
Lowest Channel / Full RB



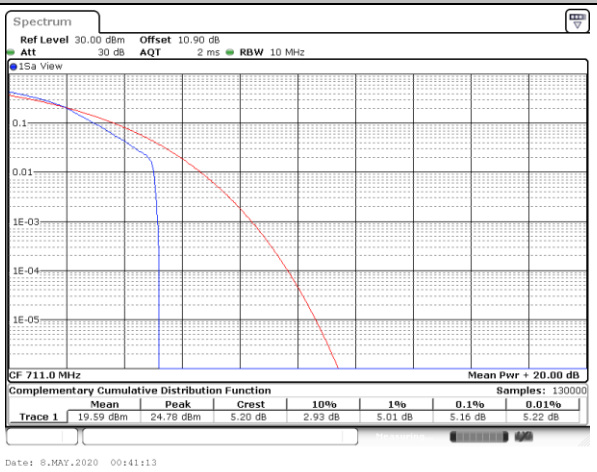
Middle Channel / 1RB



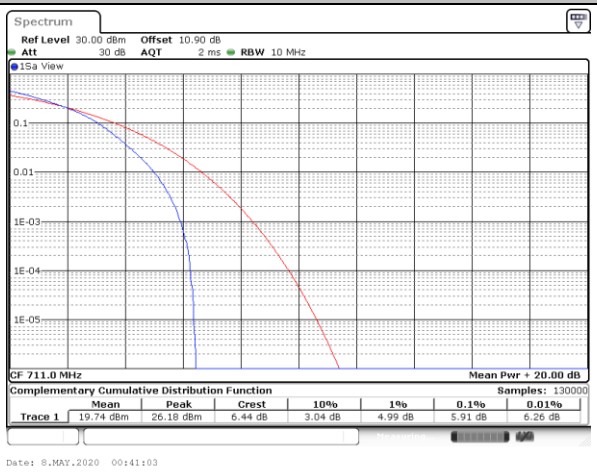
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

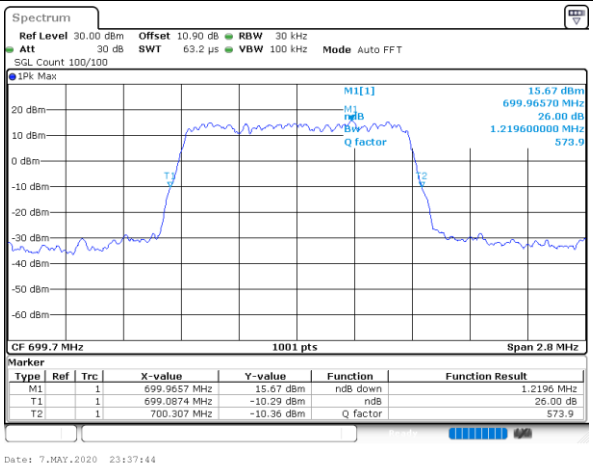


26dB Bandwidth

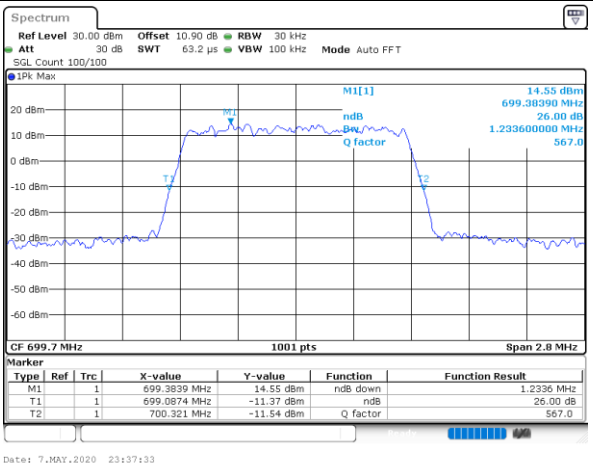
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.22	1.23	3.00	3.04	4.93	4.89	9.79	9.79	-	-	-	-
Middle CH	1.24	1.24	3.05	2.97	4.88	4.86	9.73	9.83	-	-	-	-
Highest CH	1.23	1.23	3.02	3.06	5.01	4.99	9.75	9.81	-	-	-	-

LTE Band 12

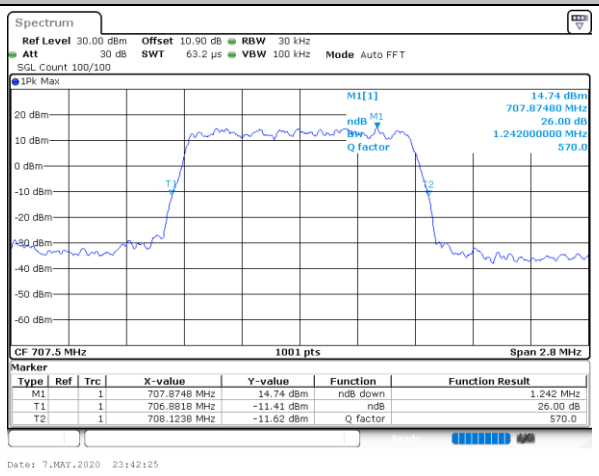
Lowest Channel / 1.4MHz / QPSK



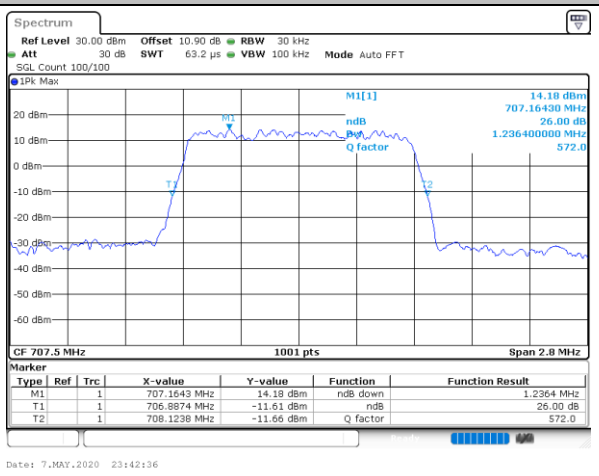
Lowest Channel / 1.4MHz / 16QAM



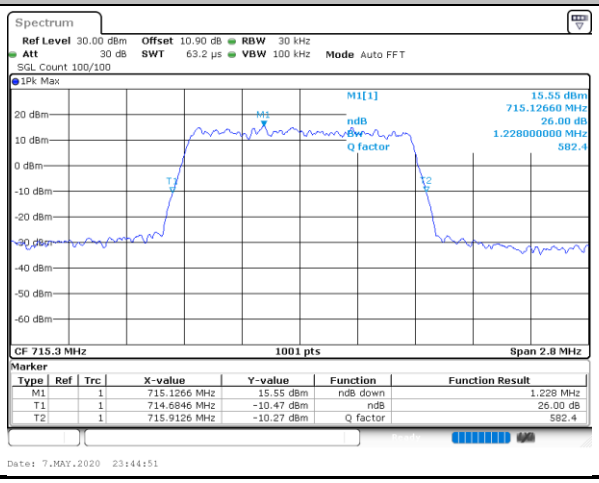
Middle Channel / 1.4MHz / QPSK



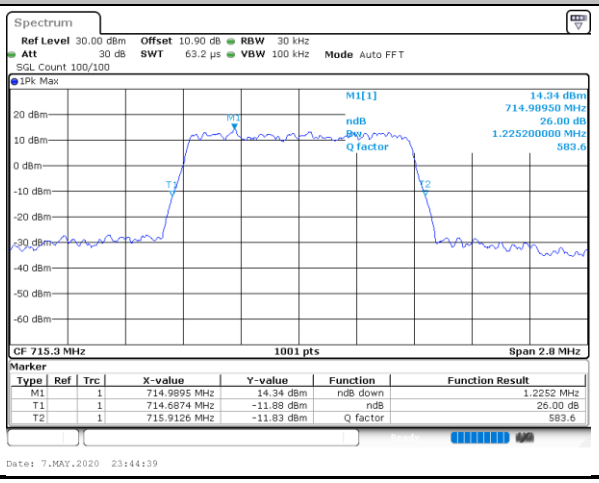
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

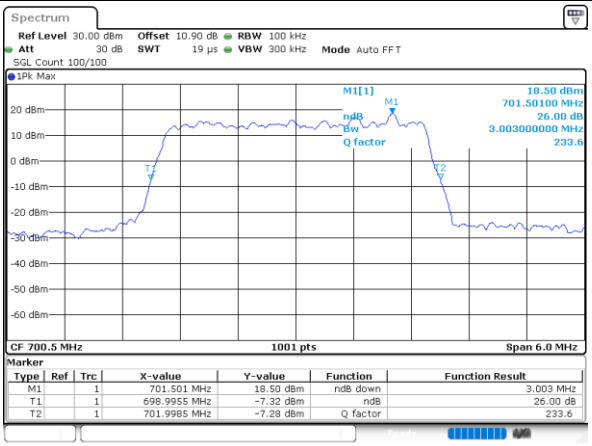


Highest Channel / 1.4MHz / 16QAM

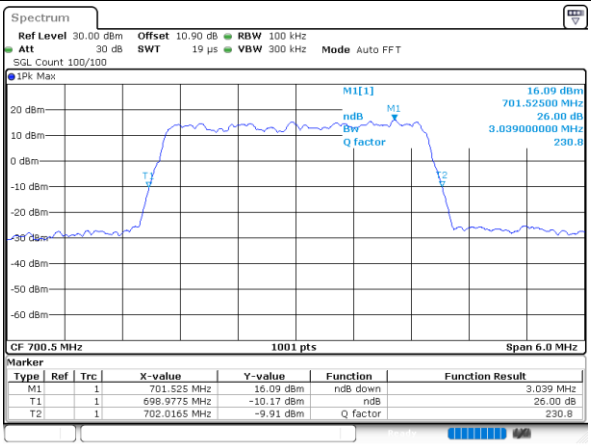


LTE Band 12

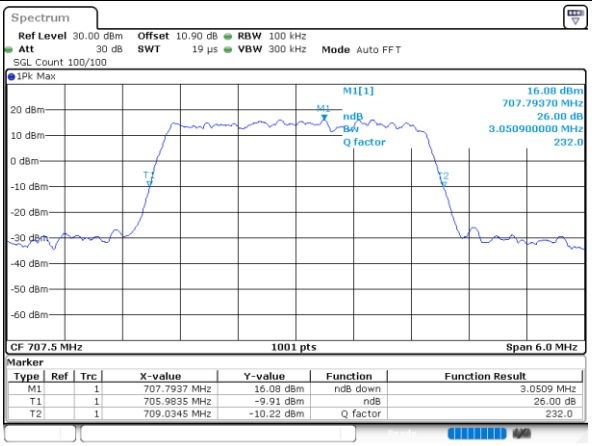
Lowest Channel / 3MHz / QPSK



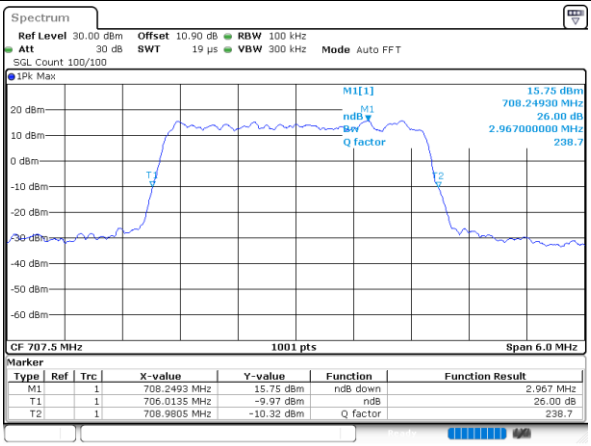
Lowest Channel / 3MHz / 16QAM



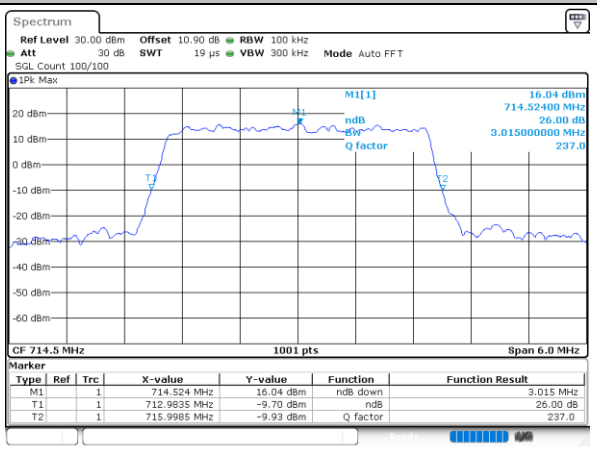
Middle Channel / 3MHz / QPSK



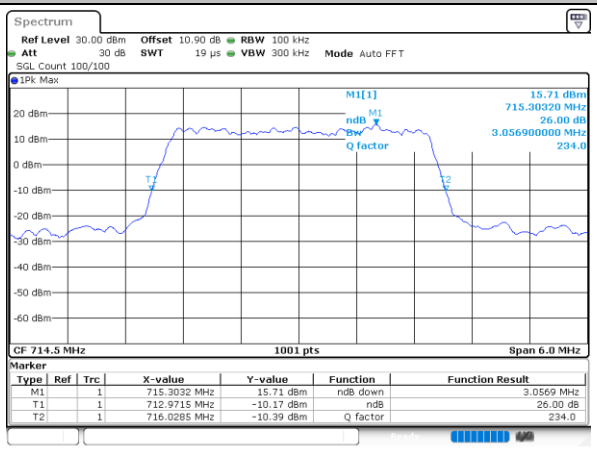
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

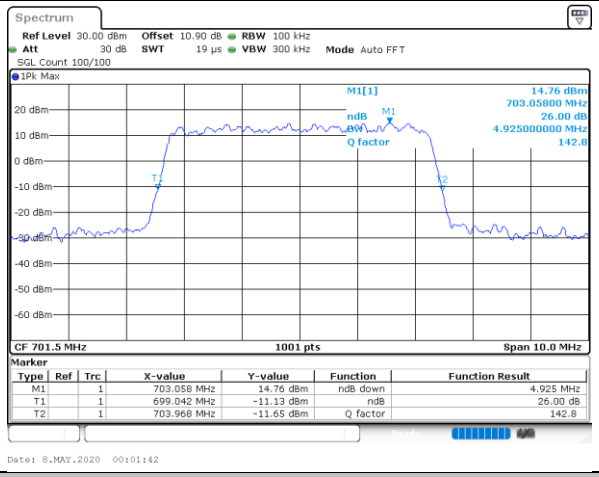


Highest Channel /3MHz / 16QAM

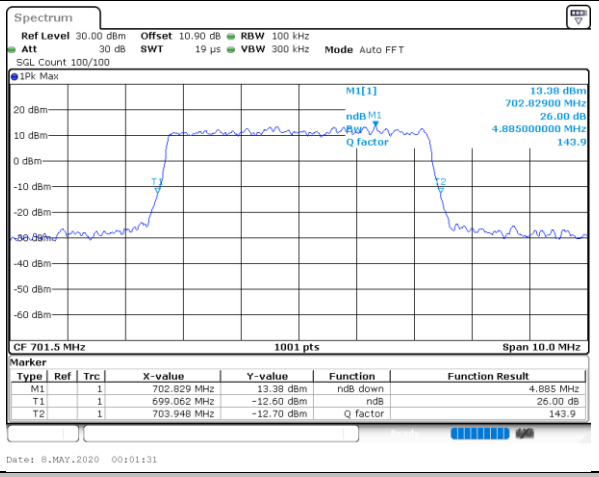


LTE Band 12

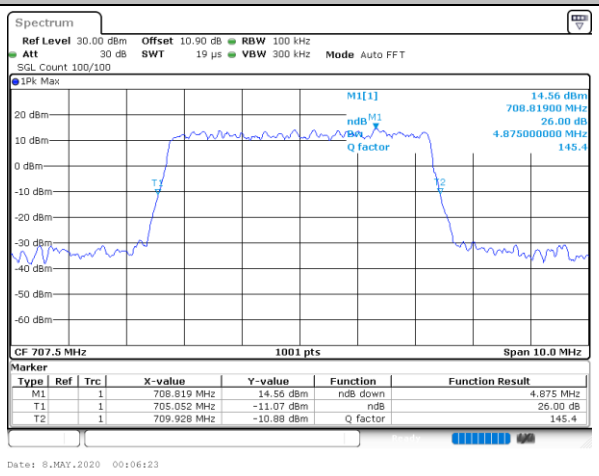
Lowest Channel / 5MHz / QPSK



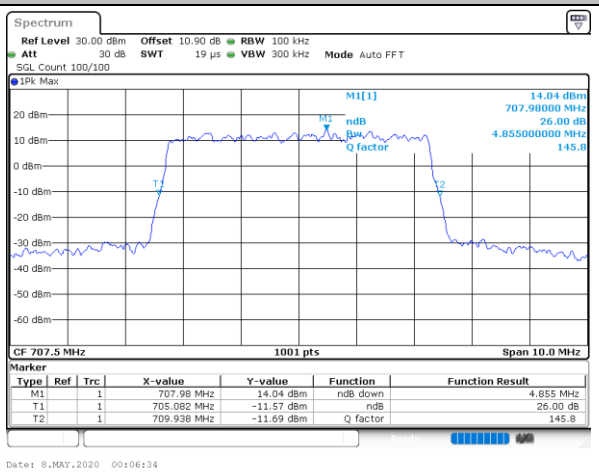
Lowest Channel / 5MHz / 16QAM



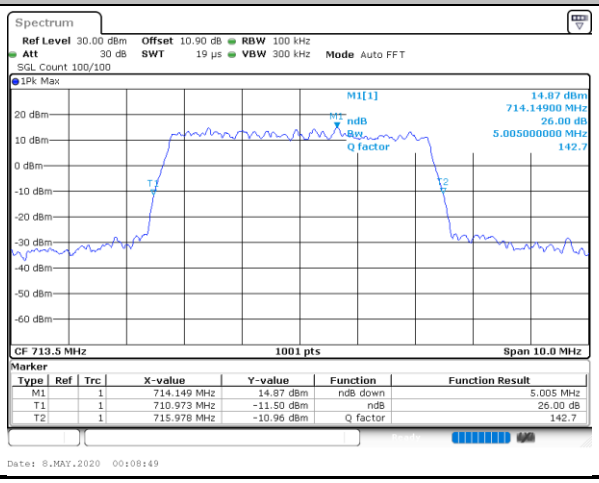
Middle Channel / 5MHz / QPSK



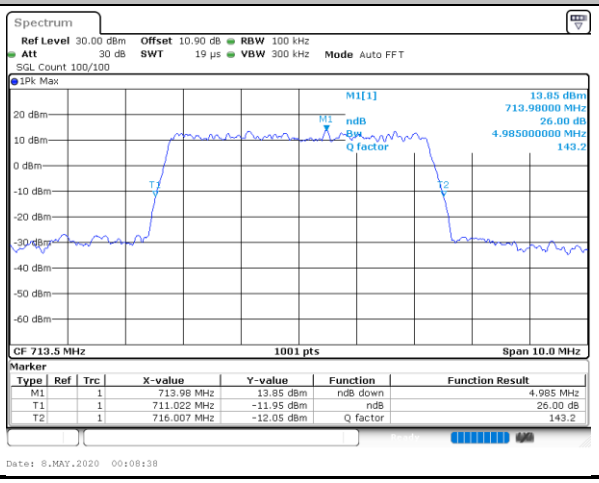
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

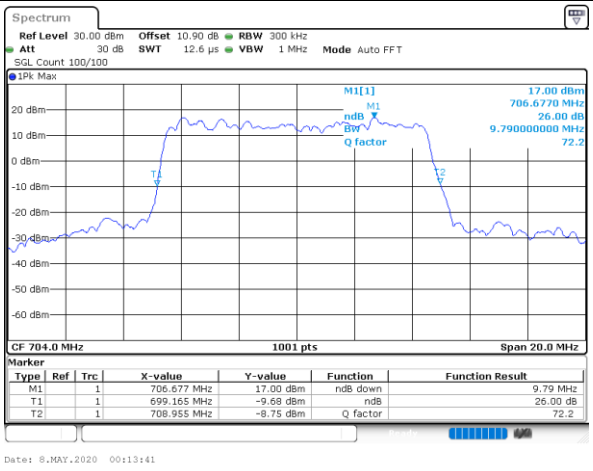


Highest Channel / 5MHz / 16QAM

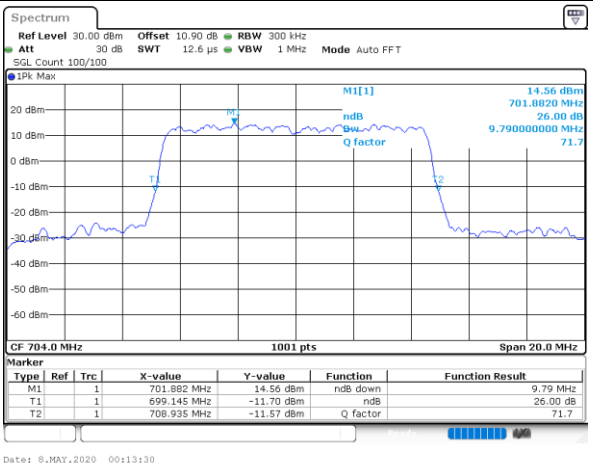


LTE Band 12

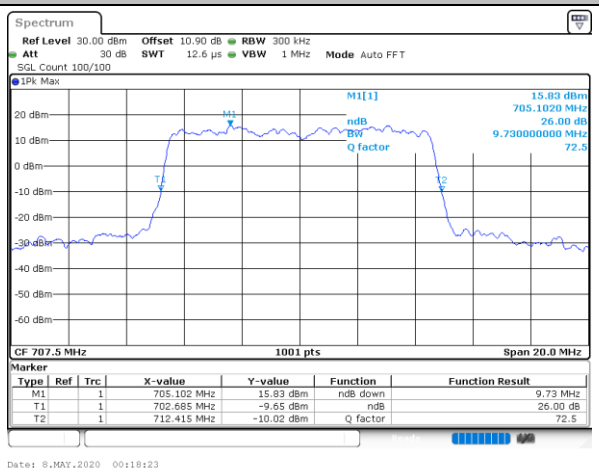
Lowest Channel / 10MHz / QPSK



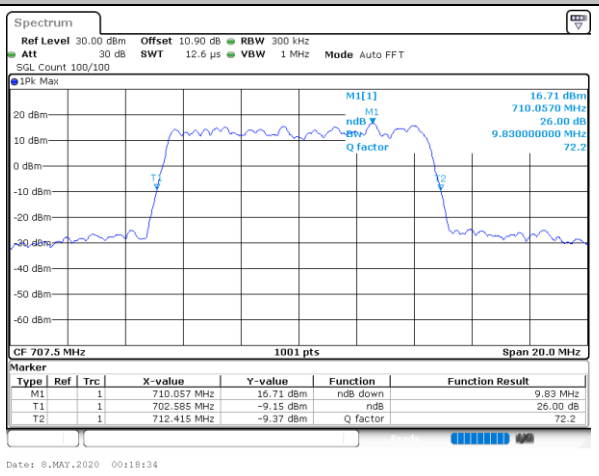
Lowest Channel / 10MHz / 16QAM



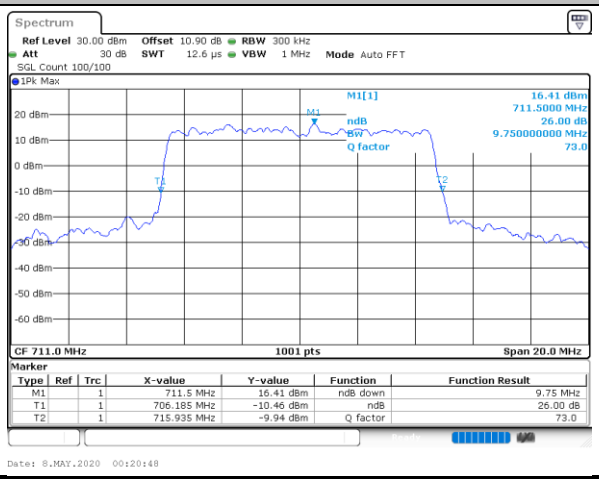
Middle Channel / 10MHz / QPSK



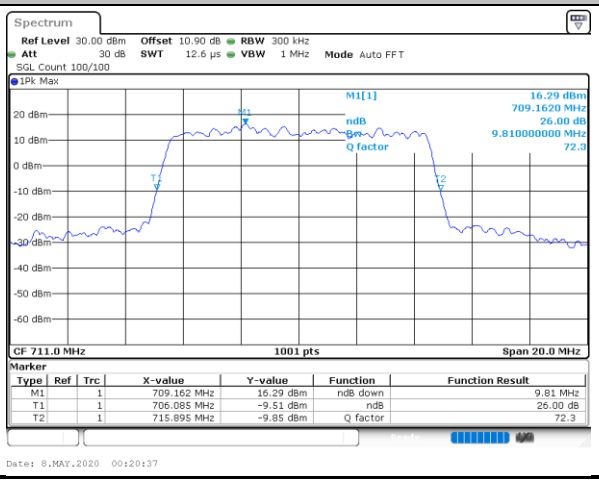
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

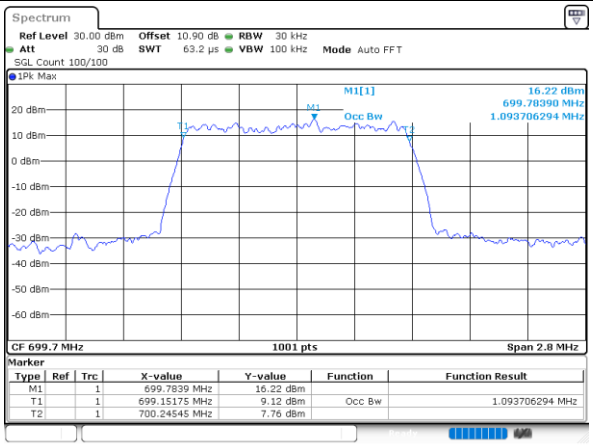


Occupied Bandwidth

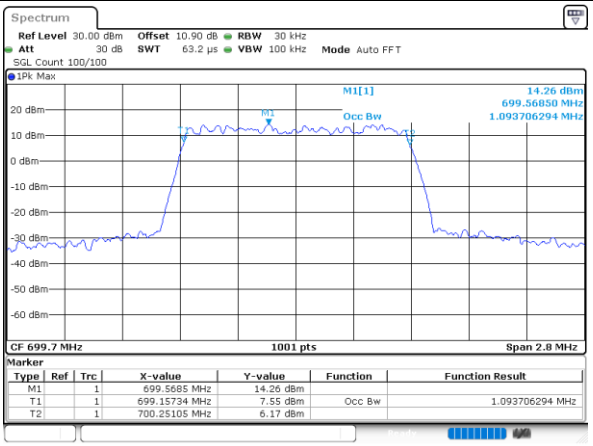
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.71	4.49	4.49	9.07	8.97	-	-	-	-
Middle CH	1.09	1.09	2.72	2.71	4.50	4.50	8.99	9.03	-	-	-	-
Highest CH	1.09	1.09	2.73	2.72	4.48	4.50	9.07	8.97	-	-	-	-

LTE Band 12

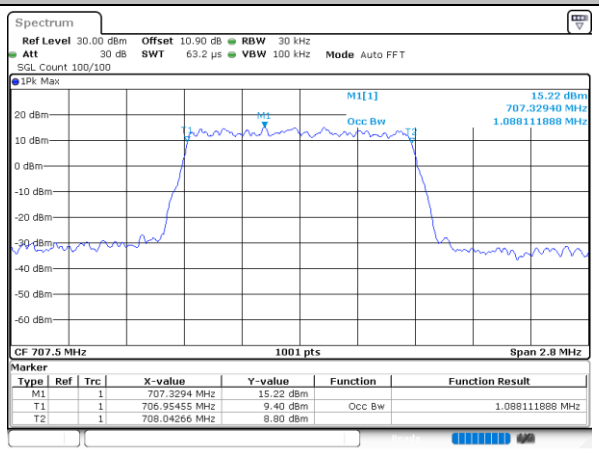
Lowest Channel / 1.4MHz / QPSK



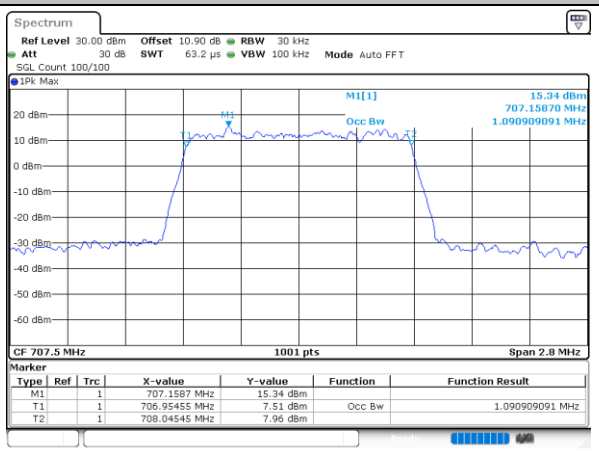
Lowest Channel / 1.4MHz / 16QAM



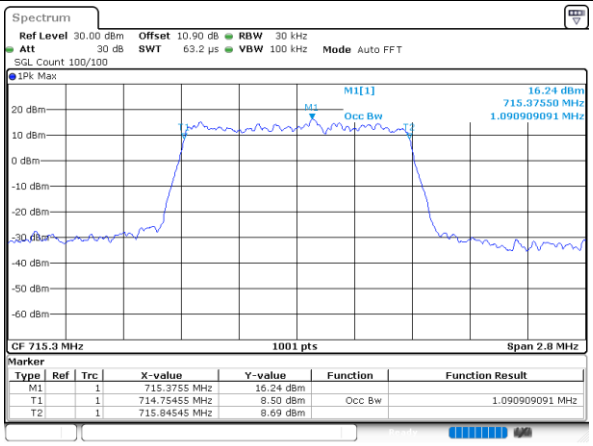
Middle Channel / 1.4MHz / QPSK



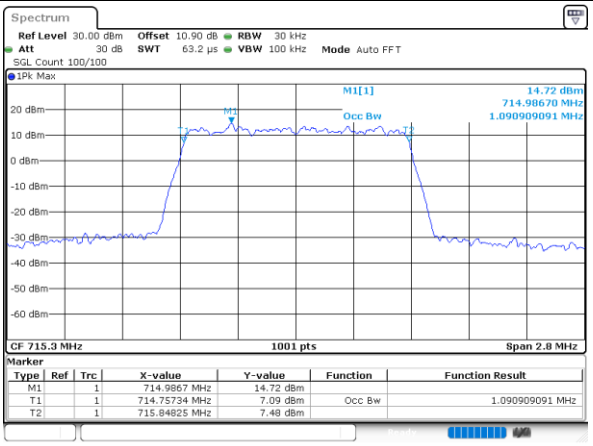
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

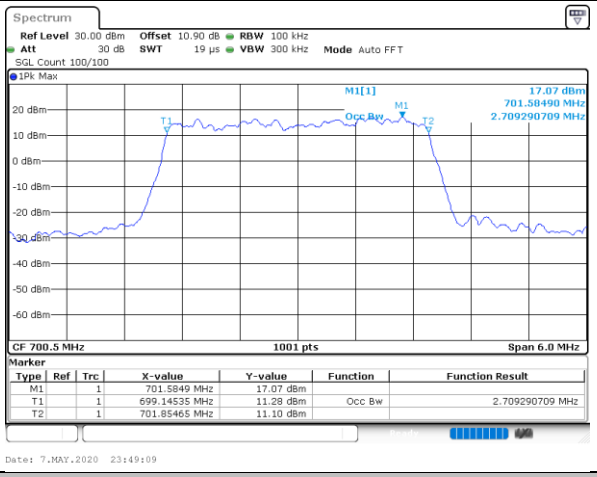


Highest Channel / 1.4MHz / 16QAM

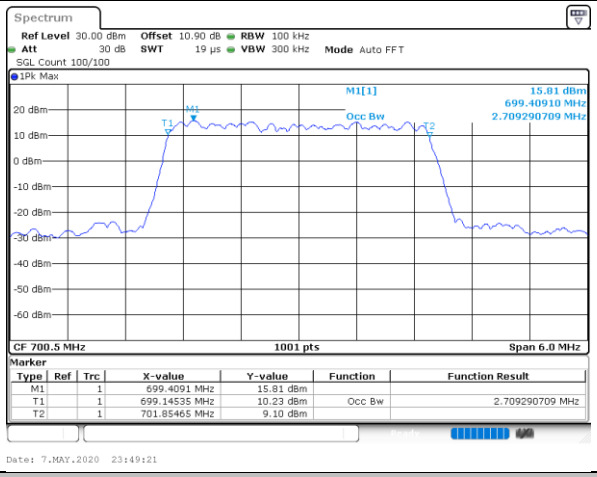


LTE Band 12

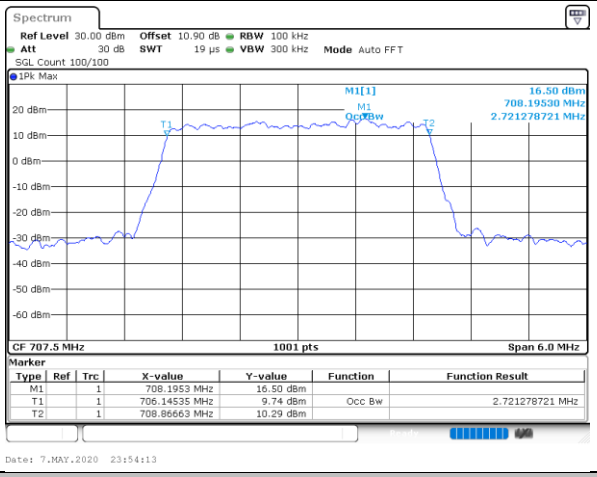
Lowest Channel / 3MHz / QPSK



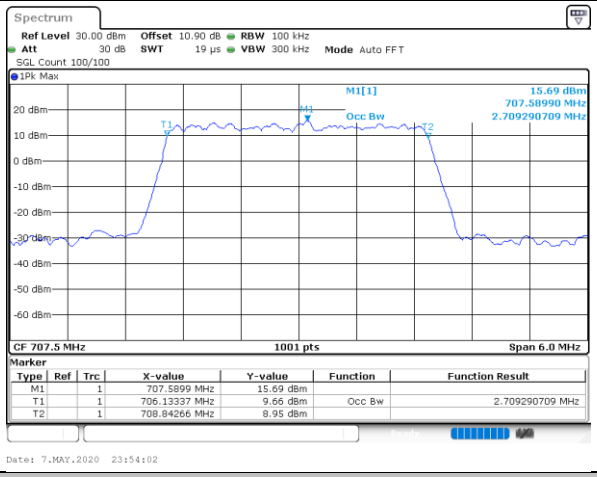
Lowest Channel / 3MHz / 16QAM



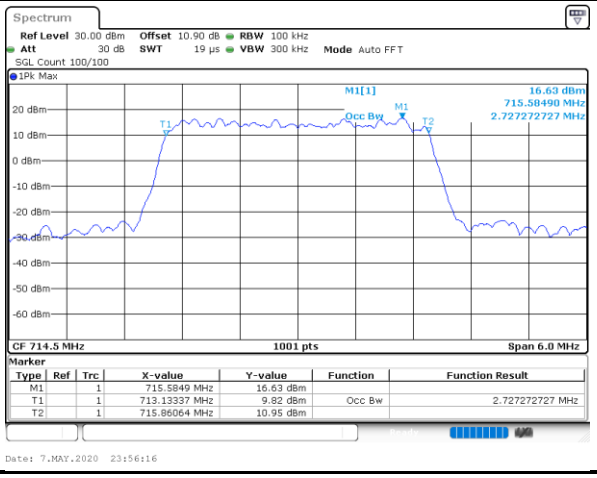
Middle Channel / 3MHz / QPSK



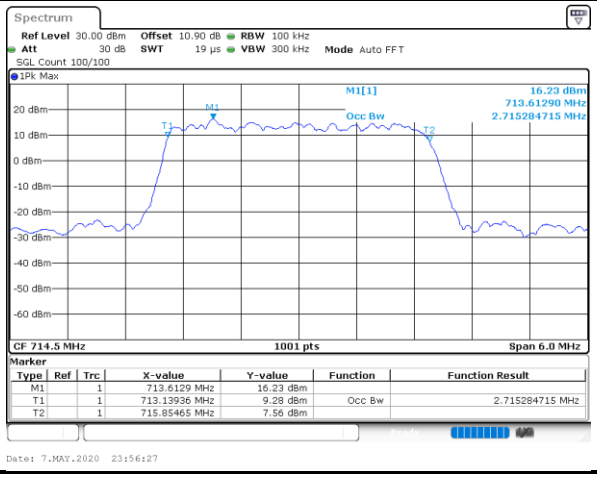
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

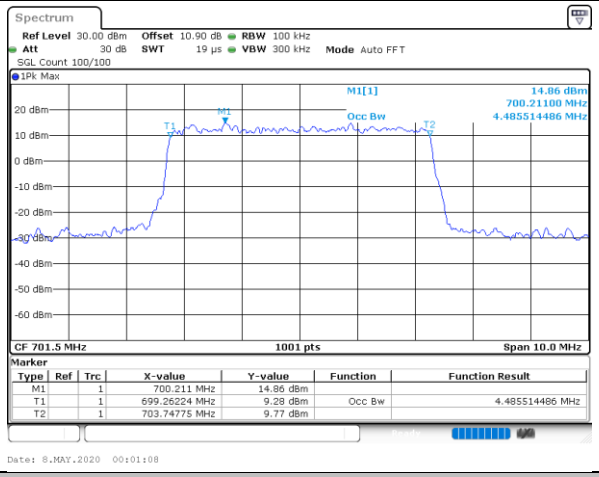


Highest Channel / 3MHz / 16QAM

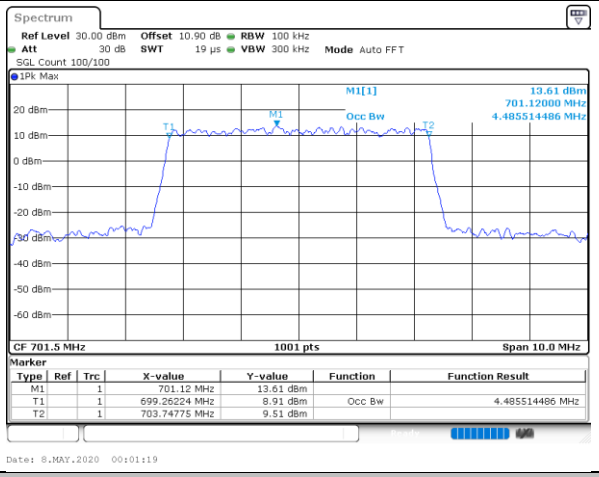


LTE Band 12

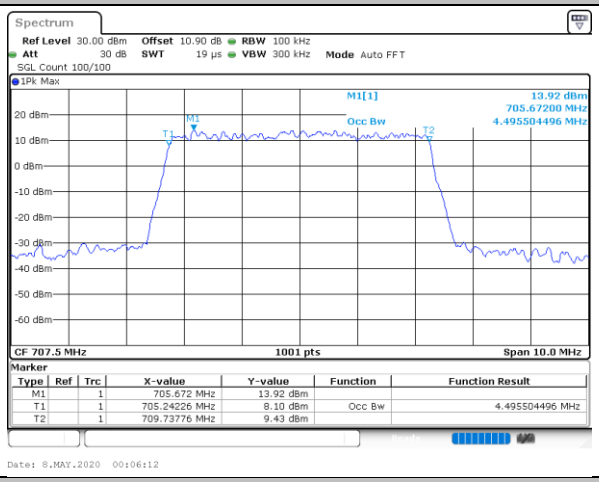
Lowest Channel / 5MHz / QPSK



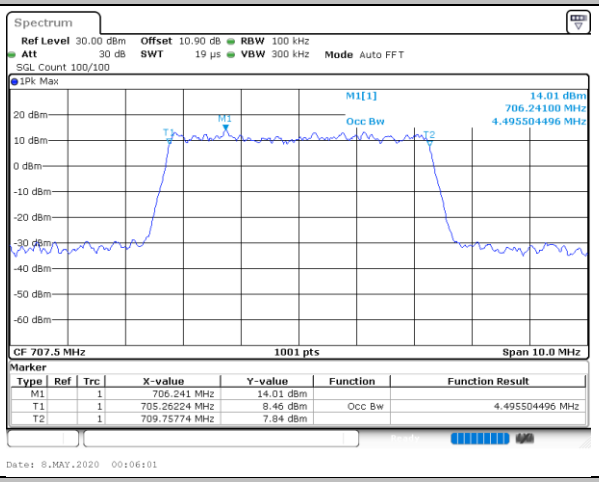
Lowest Channel / 5MHz / 16QAM



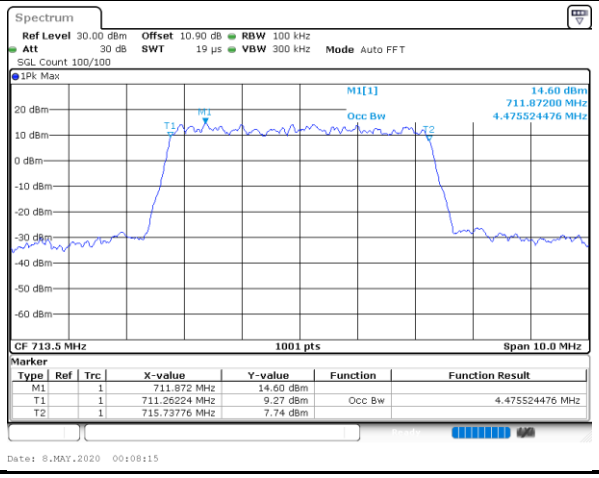
Middle Channel / 5MHz / QPSK



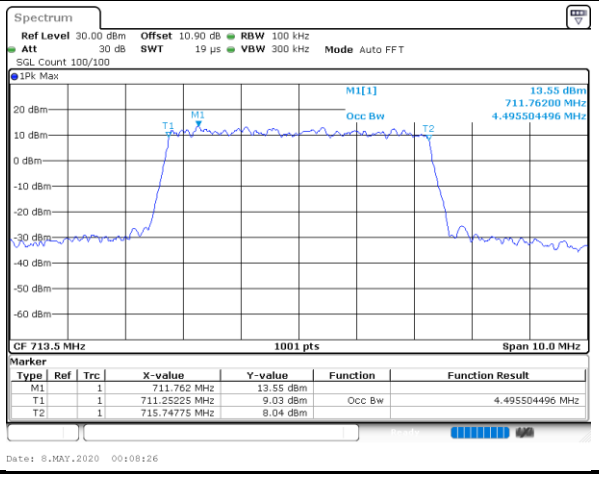
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

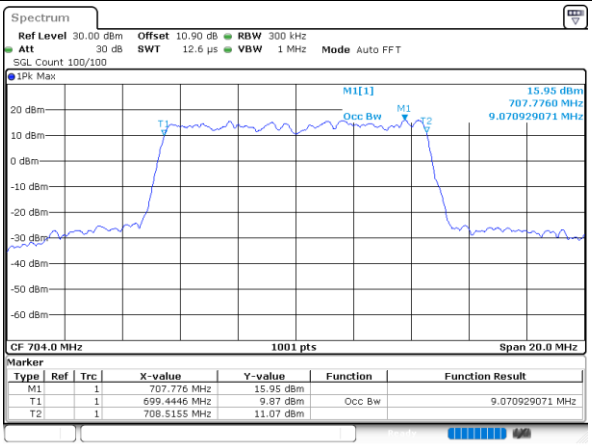


Highest Channel / 5MHz / 16QAM

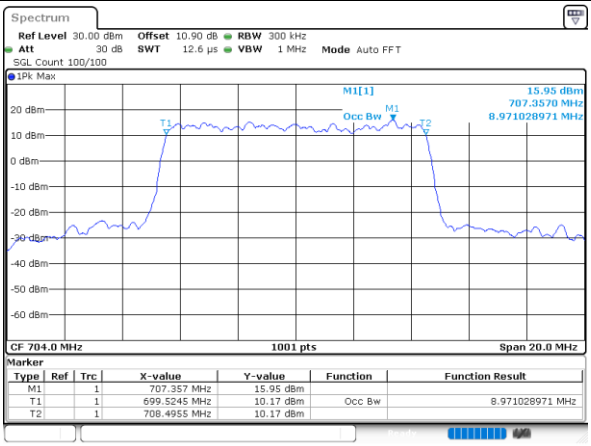


LTE Band 12

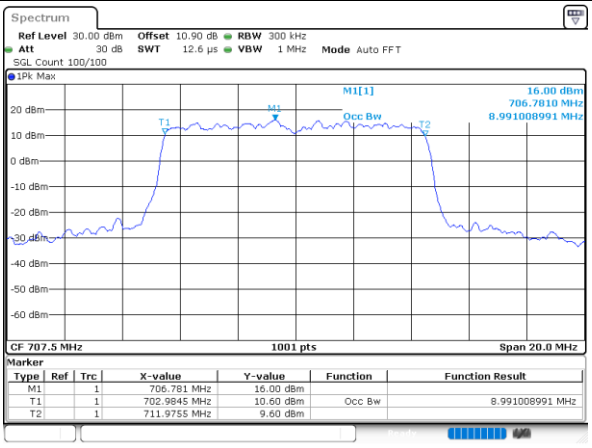
Lowest Channel / 10MHz / QPSK



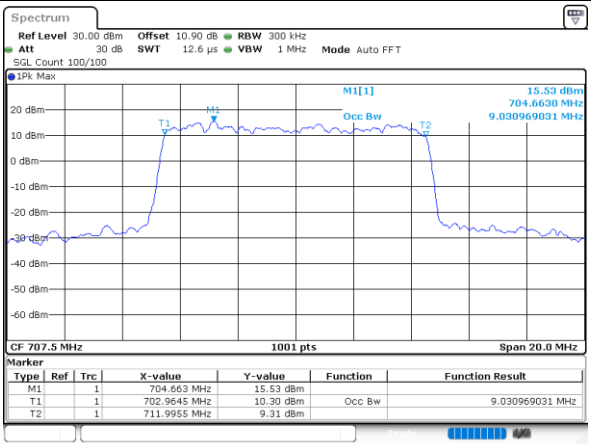
Lowest Channel / 10MHz / 16QAM



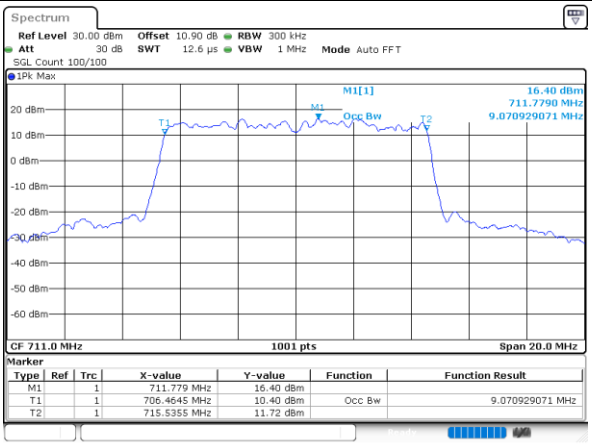
Middle Channel / 10MHz / QPSK



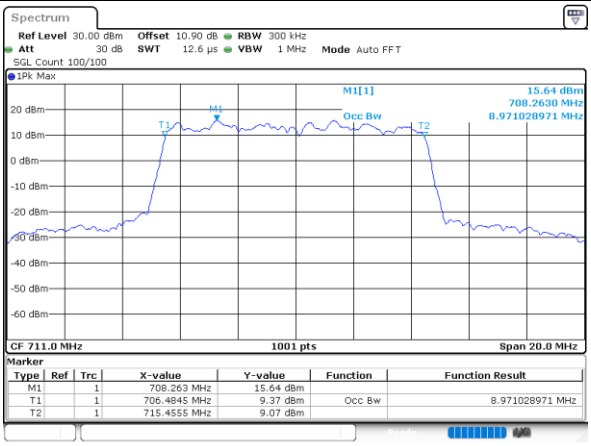
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



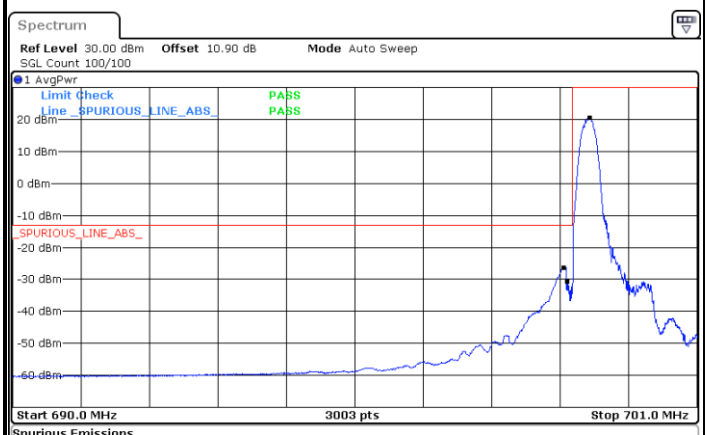
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

Lowest Band Edge / 1 RB

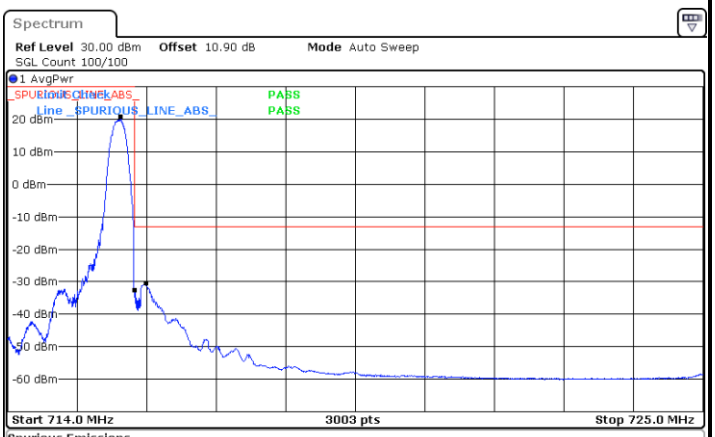


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.85999 MHz	-26.26 dBm	-13.26 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.90345 MHz	-30.78 dBm	-17.78 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.26873 MHz	20.57 dBm	-9.43 dB

Date: 7.MAY.2020 23:40:22

Highest Band Edge / 1RB

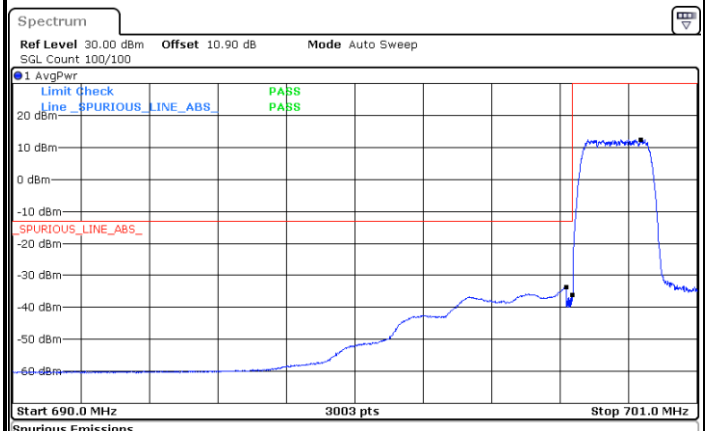


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.78721 MHz	20.69 dBm	-9.31 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00744 MHz	-32.52 dBm	-19.52 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.18447 MHz	-30.53 dBm	-17.53 dB

Date: 7.MAY.2020 23:47:29

Lowest Band Edge / Full RB

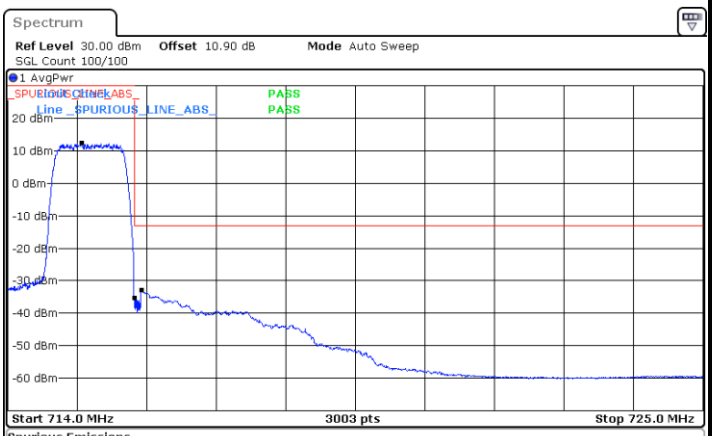


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.74 dBm	-20.74 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99655 MHz	-36.21 dBm	-23.21 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.08991 MHz	12.38 dBm	-17.62 dB

Date: 7.MAY.2020 23:38:23

Highest Band Edge / Full RB



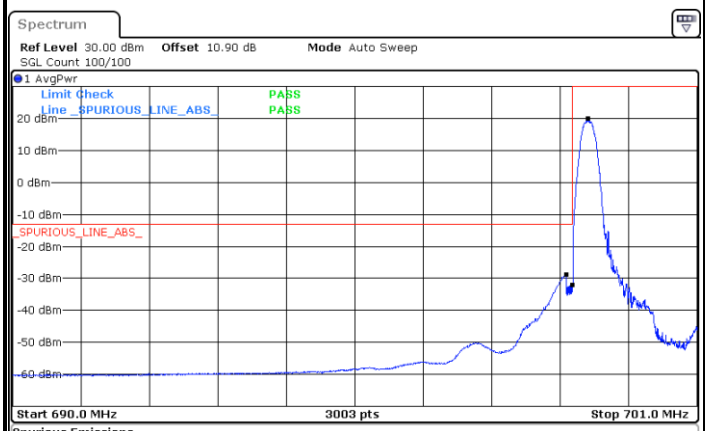
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.17183 MHz	12.27 dBm	-17.73 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00055 MHz	-35.32 dBm	-22.32 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-33.01 dBm	-20.01 dB

Date: 7.MAY.2020 23:45:30

LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

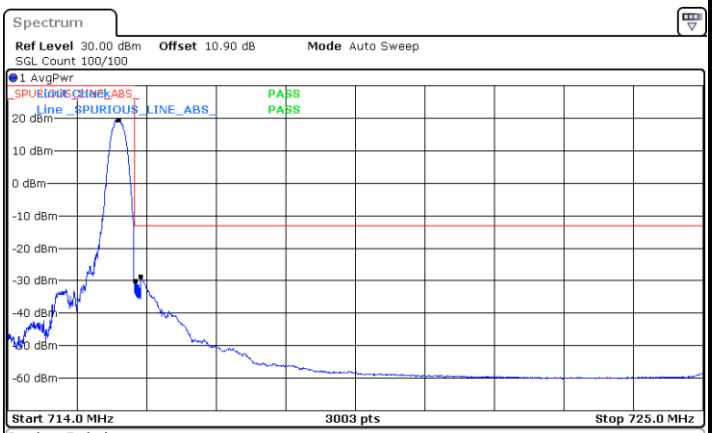


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.75 dBm	-15.75 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99675 MHz	-31.95 dBm	-18.95 dB
699.000 MHz	701.000 MHz	100.000 kHz	699.25075 MHz	20.05 dBm	-9.95 dB

Date: 8.MAY.2020 01:19:50

Highest Band Edge / 1 RB

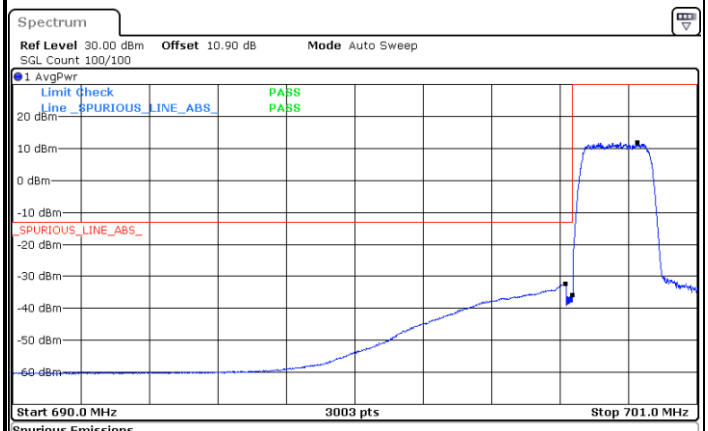


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.76124 MHz	19.55 dBm	-10.45 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.02512 MHz	-30.03 dBm	-17.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.69 dBm	-15.69 dB

Date: 7.MAY.2020 23:46:49

Lowest Band Edge / Full RB

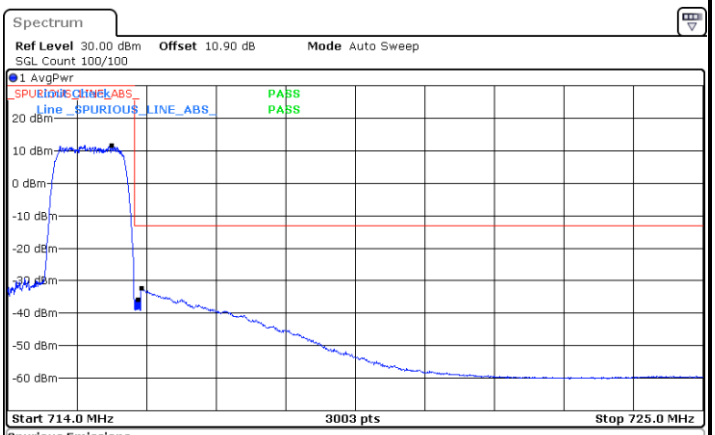


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-32.37 dBm	-19.37 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99925 MHz	-35.82 dBm	-22.82 dB
699.000 MHz	701.000 MHz	100.000 kHz	700.04396 MHz	11.87 dBm	-18.13 dB

Date: 7.MAY.2020 23:39:03

Highest Band Edge / Full RB



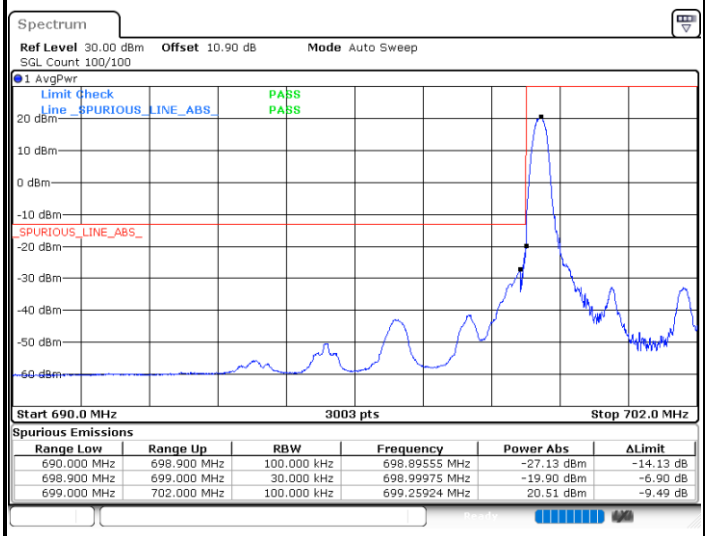
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
714.000 MHz	716.000 MHz	100.000 kHz	715.64935 MHz	11.62 dBm	-18.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.06638 MHz	-35.79 dBm	-22.79 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-32.38 dBm	-19.38 dB

Date: 7.MAY.2020 23:46:10

LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

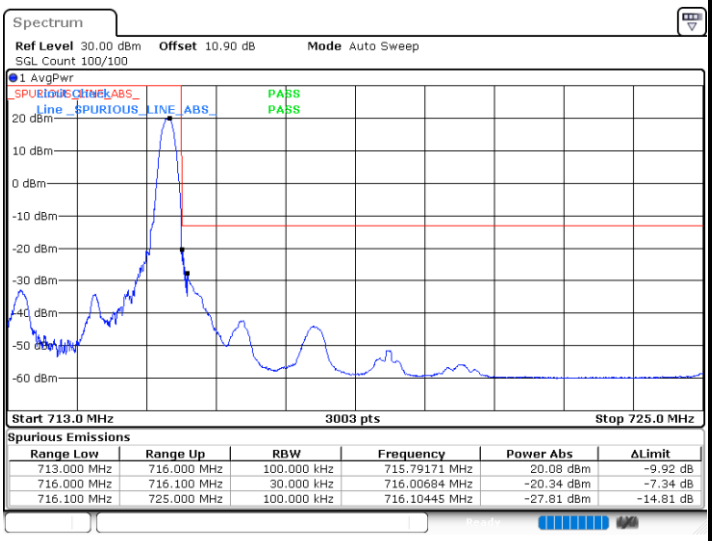


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-27.13 dBm	-14.13 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-19.90 dBm	-6.90 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.25924 MHz	20.51 dBm	-9.49 dB

Date: 7.MAY.2020 23:52:21

Highest Band Edge / 1 RB

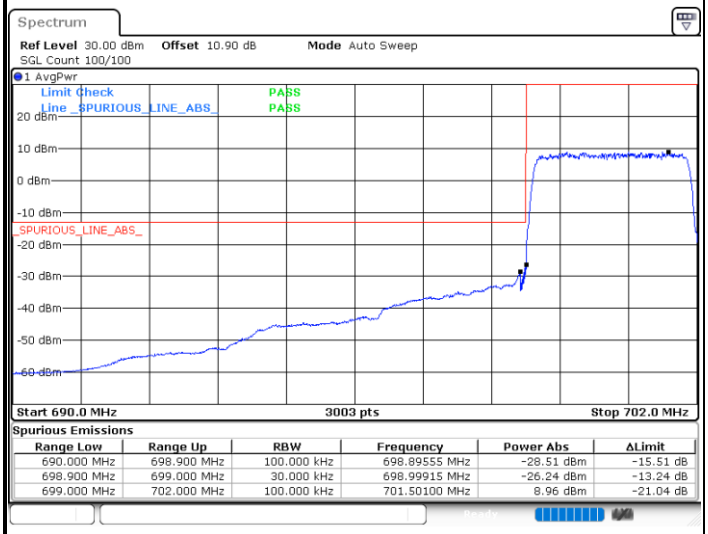


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.79171 MHz	20.08 dBm	-9.92 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00684 MHz	-20.34 dBm	-7.34 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.81 dBm	-14.81 dB

Date: 7.MAY.2020 23:59:27

Lowest Band Edge / Full RB

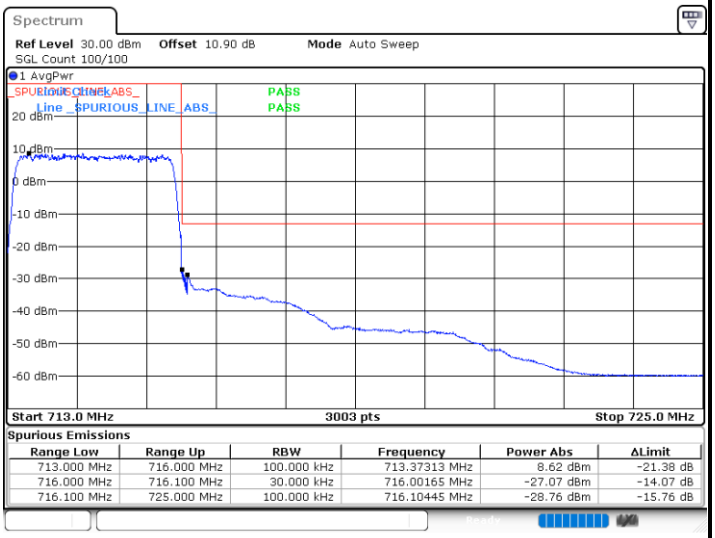


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.51 dBm	-15.51 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99915 MHz	-26.24 dBm	-13.24 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.50100 MHz	8.96 dBm	-21.04 dB

Date: 7.MAY.2020 23:50:22

Highest Band Edge / Full RB



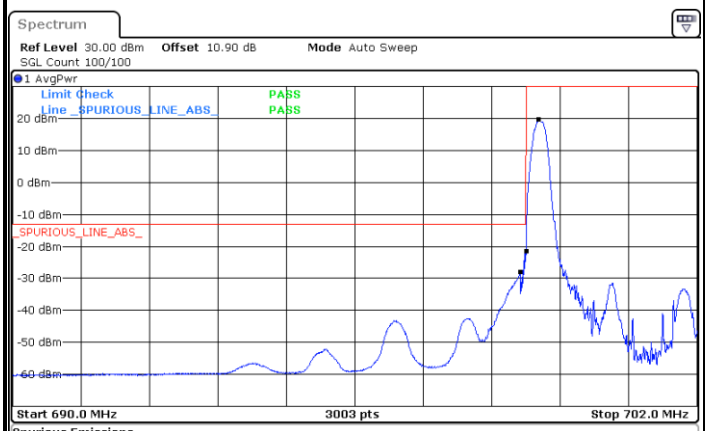
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.37313 MHz	8.62 dBm	-21.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00165 MHz	-27.07 dBm	-14.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-28.76 dBm	-15.76 dB

Date: 7.MAY.2020 23:57:29

LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

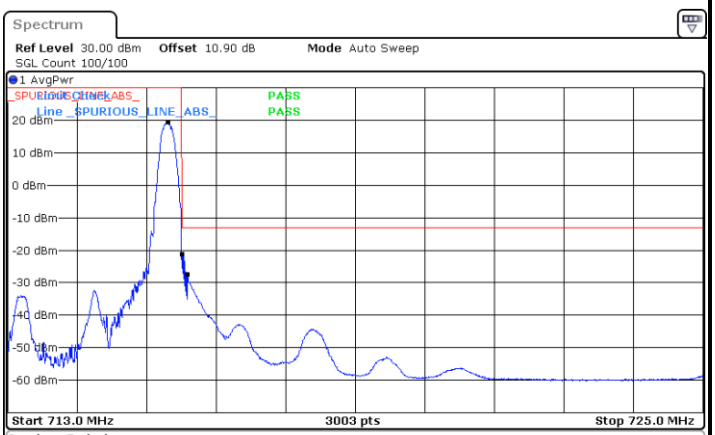


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-28.02 dBm	-15.02 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99905 MHz	-21.51 dBm	-8.51 dB
699.000 MHz	702.000 MHz	100.000 kHz	699.22028 MHz	19.70 dBm	-10.30 dB

Date: 7.MAY.2020 23:51:41

Highest Band Edge / 1 RB

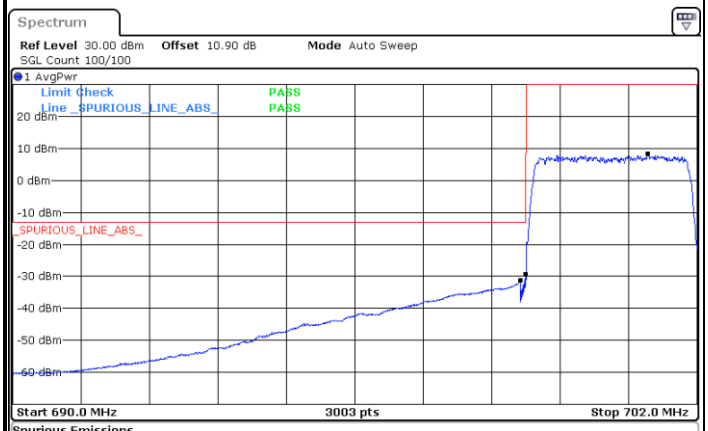


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	715.76174 MHz	19.33 dBm	-10.67 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00395 MHz	-21.16 dBm	-8.16 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-27.55 dBm	-14.55 dB

Date: 7.MAY.2020 23:58:48

Lowest Band Edge / Full RB

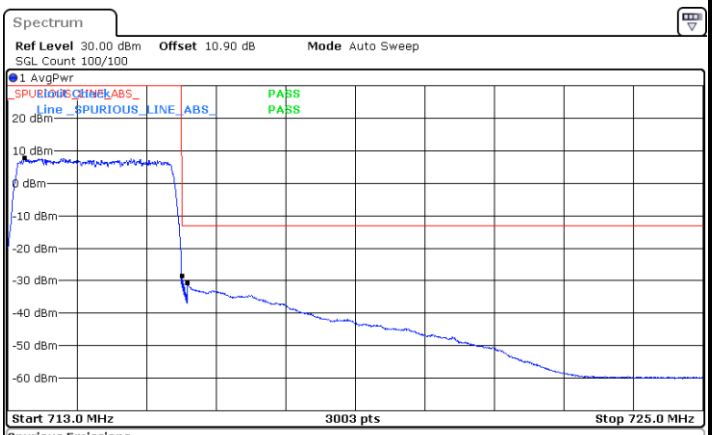


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.30 dBm	-18.30 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99785 MHz	-29.32 dBm	-16.32 dB
699.000 MHz	702.000 MHz	100.000 kHz	701.12937 MHz	8.26 dBm	-21.74 dB

Date: 7.MAY.2020 23:51:02

Highest Band Edge / Full RB



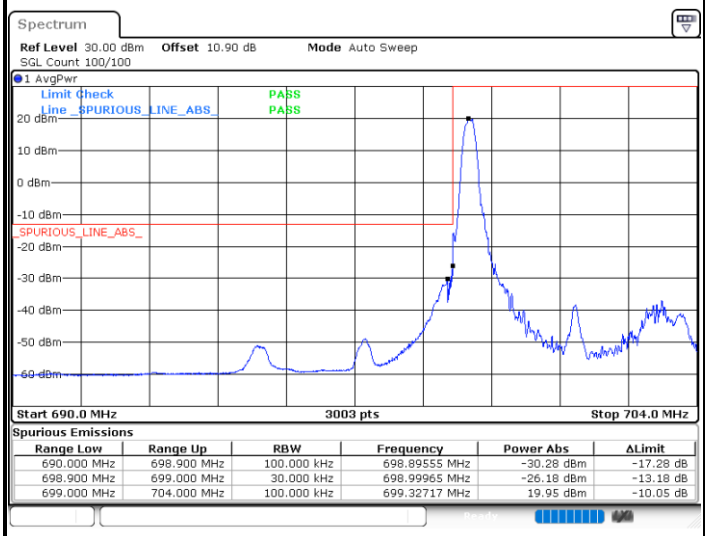
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
713.000 MHz	716.000 MHz	100.000 kHz	713.28322 MHz	7.79 dBm	-22.21 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00225 MHz	-28.64 dBm	-15.64 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.59 dBm	-17.59 dB

Date: 7.MAY.2020 23:58:09

LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

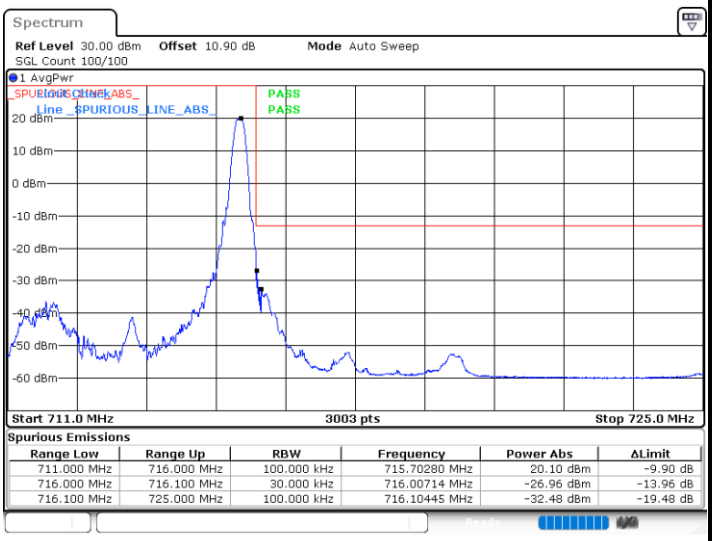


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.28 dBm	-17.28 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-26.18 dBm	-13.18 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.32717 MHz	19.95 dBm	-10.05 dB

Date: 8.MAY.2020 01:21:54

Highest Band Edge / 1 RB

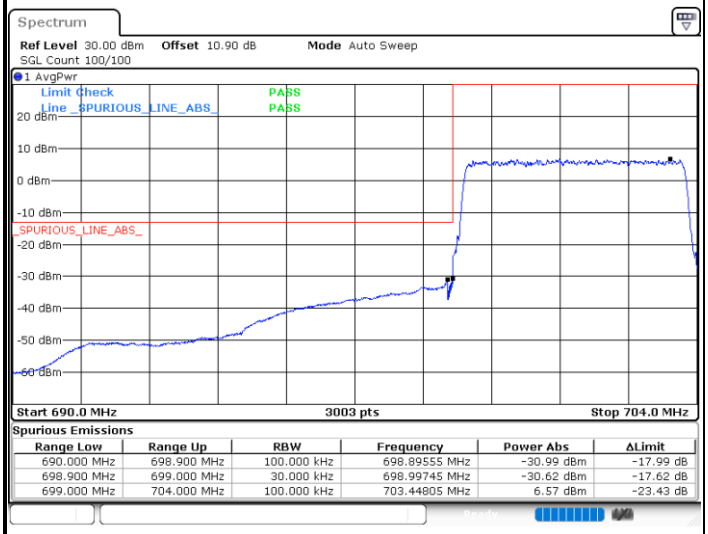


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.70280 MHz	20.10 dBm	-9.90 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00714 MHz	-26.96 dBm	-13.96 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-32.48 dBm	-19.48 dB

Date: 8.MAY.2020 01:22:33

Lowest Band Edge / Full RB

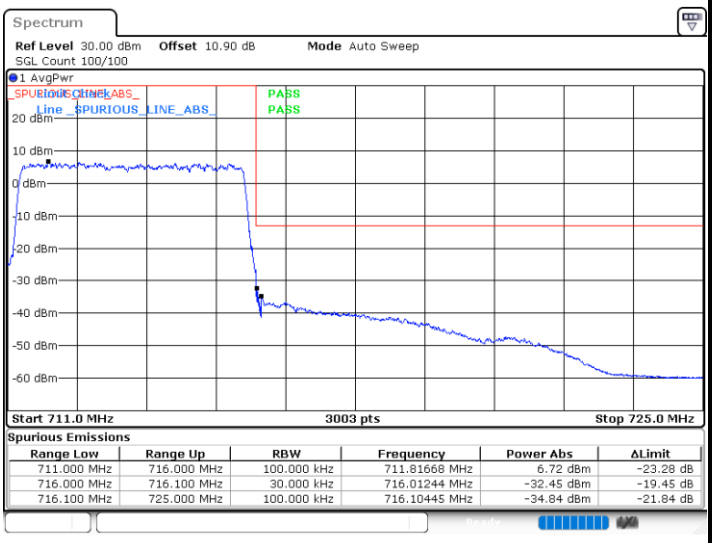


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-30.99 dBm	-17.99 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99745 MHz	-30.62 dBm	-17.62 dB
699.000 MHz	704.000 MHz	100.000 kHz	703.44805 MHz	6.57 dBm	-23.43 dB

Date: 8.MAY.2020 00:02:21

Highest Band Edge / Full RB



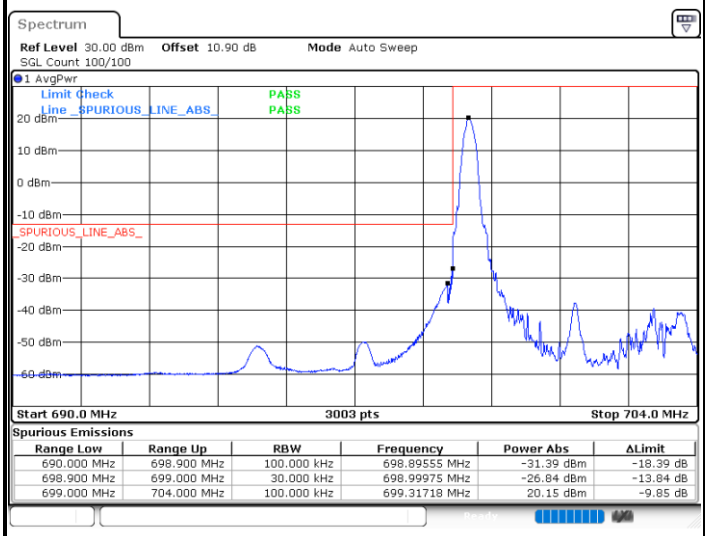
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.81668 MHz	6.72 dBm	-23.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01244 MHz	-32.45 dBm	-19.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.84 dBm	-21.84 dB

Date: 8.MAY.2020 00:09:28

LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB

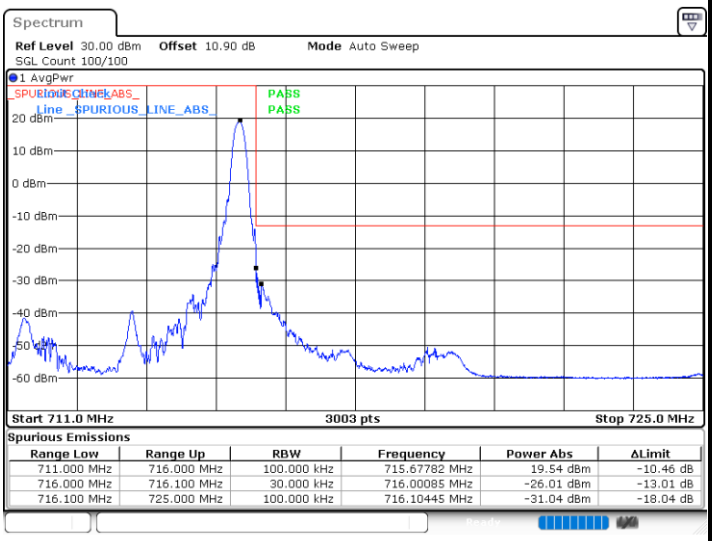


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-31.39 dBm	-18.39 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99975 MHz	-26.84 dBm	-13.84 dB
699.000 MHz	704.000 MHz	100.000 kHz	699.31718 MHz	20.15 dBm	-9.85 dB

Date: 8.MAY.2020 01:21:14

Highest Band Edge / 1 RB

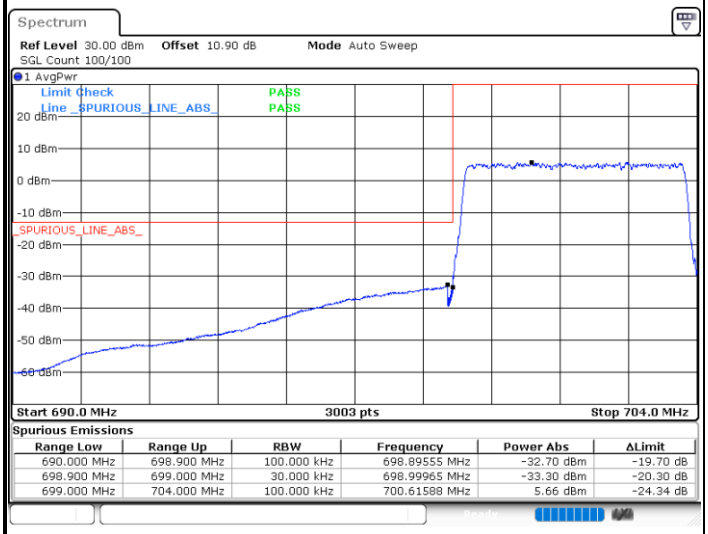


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	19.54 dBm	-10.46 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00085 MHz	-26.01 dBm	-13.01 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-31.04 dBm	-18.04 dB

Date: 8.MAY.2020 01:23:13

Lowest Band Edge / Full RB

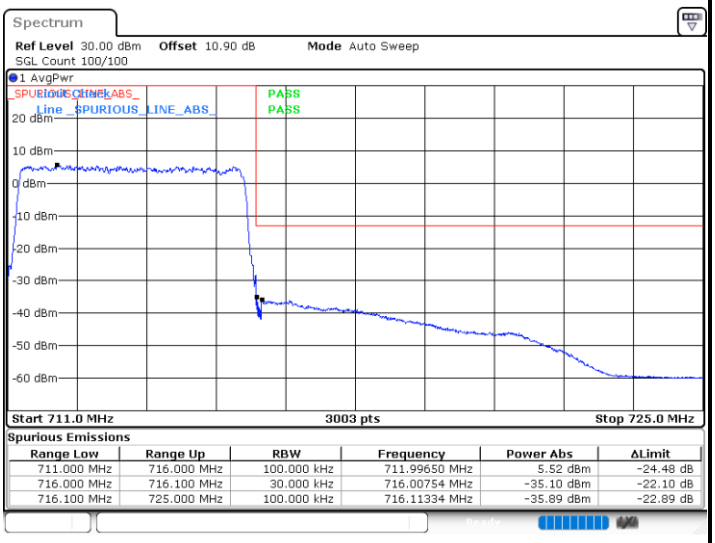


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-32.70 dBm	-19.70 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99965 MHz	-33.30 dBm	-20.30 dB
699.000 MHz	704.000 MHz	100.000 kHz	700.61588 MHz	5.66 dBm	-24.34 dB

Date: 8.MAY.2020 00:03:01

Highest Band Edge / Full RB



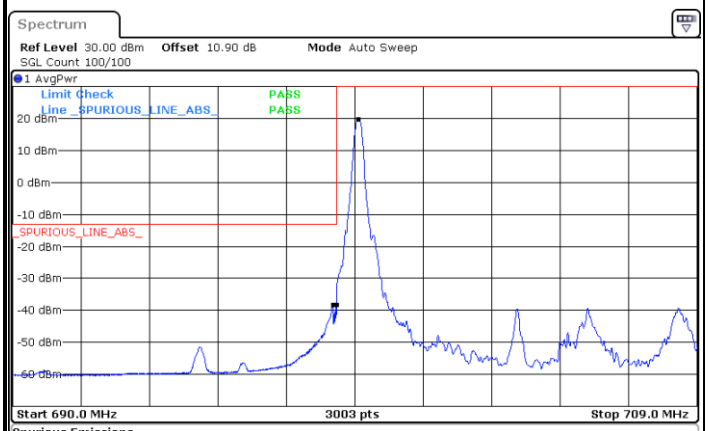
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	711.99650 MHz	5.52 dBm	-24.48 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00754 MHz	-35.10 dBm	-22.10 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.11334 MHz	-35.89 dBm	-22.89 dB

Date: 8.MAY.2020 00:10:08

LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

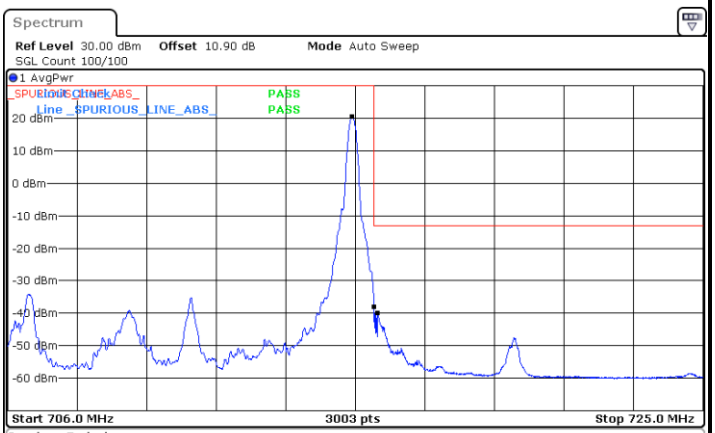


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-38.22 dBm	-25.22 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99985 MHz	-38.24 dBm	-25.24 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	19.78 dBm	-10.22 dB

Date: 8.MAY.2020 01:24:31

Highest Band Edge / 1 RB

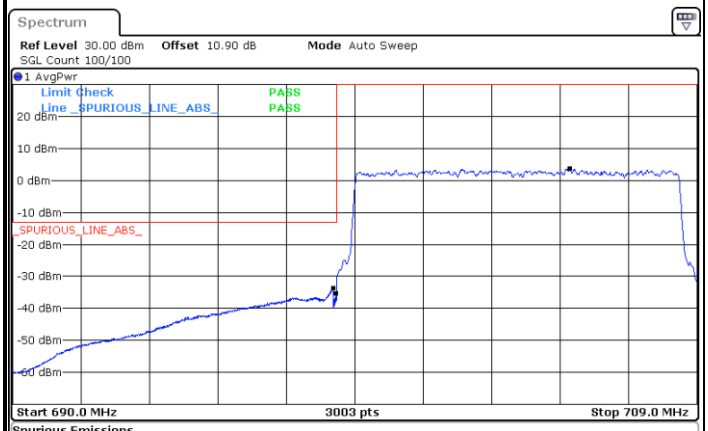


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	20.48 dBm	-9.52 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00385 MHz	-38.08 dBm	-25.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.04 dBm	-27.04 dB

Date: 8.MAY.2020 00:23:26

Lowest Band Edge / Full RB

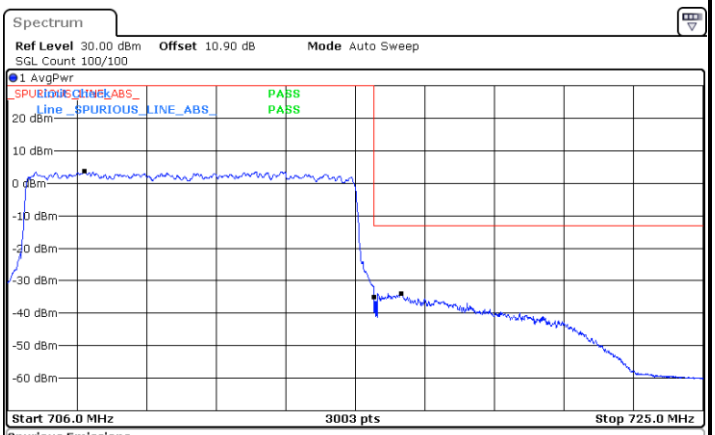


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-33.56 dBm	-20.56 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96848 MHz	-35.25 dBm	-22.25 dB
699.000 MHz	709.000 MHz	100.000 kHz	705.46853 MHz	3.60 dBm	-26.40 dB

Date: 8.MAY.2020 00:14:21

Highest Band Edge / Full RB



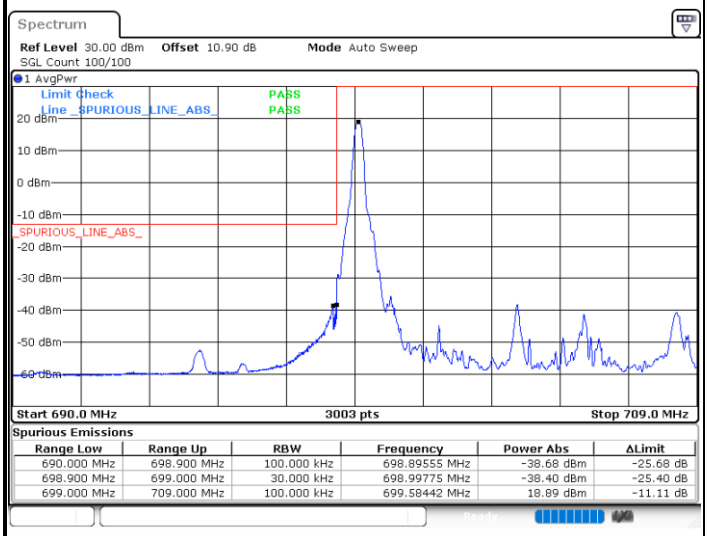
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.09291 MHz	3.68 dBm	-26.32 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00335 MHz	-35.07 dBm	-22.07 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.75350 MHz	-33.85 dBm	-20.85 dB

Date: 8.MAY.2020 00:21:28

LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

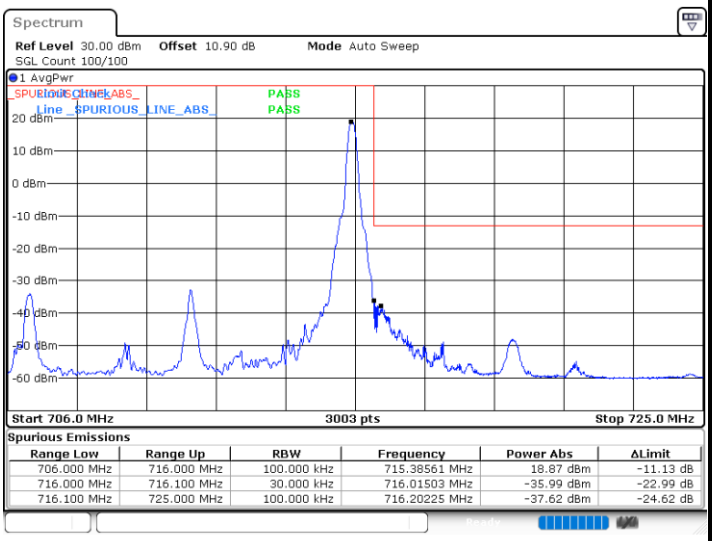


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.89555 MHz	-38.68 dBm	-25.68 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.99775 MHz	-38.40 dBm	-25.40 dB
699.000 MHz	709.000 MHz	100.000 kHz	699.58442 MHz	18.89 dBm	-11.11 dB

Date: 8.MAY.2020 01:23:52

Highest Band Edge / 1 RB

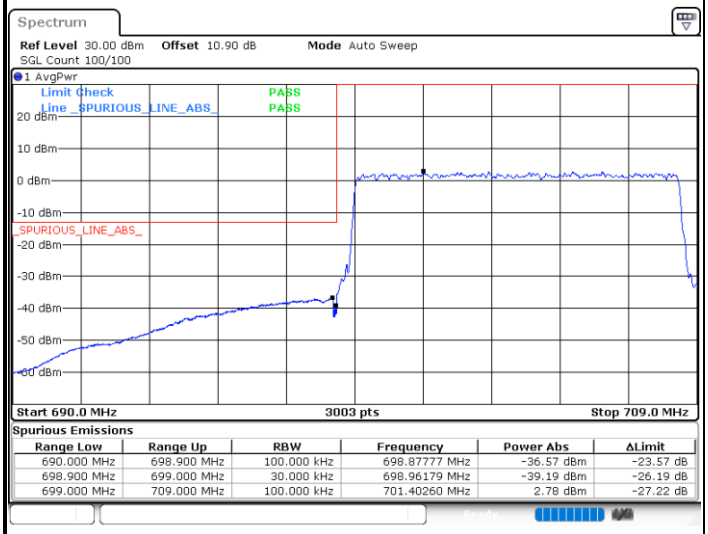


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.38561 MHz	18.87 dBm	-11.13 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.01503 MHz	-35.99 dBm	-22.99 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.20225 MHz	-37.62 dBm	-24.62 dB

Date: 8.MAY.2020 00:22:47

Lowest Band Edge / Full RB

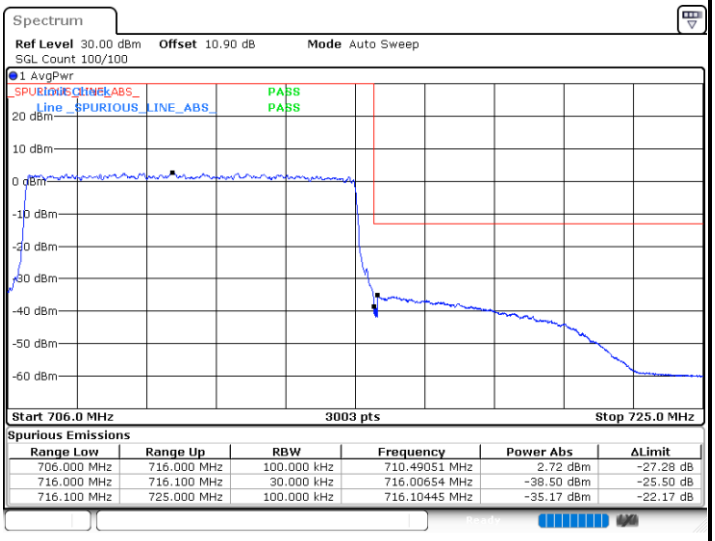


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	698.900 MHz	100.000 kHz	698.87777 MHz	-36.57 dBm	-23.57 dB
698.900 MHz	699.000 MHz	30.000 kHz	698.96179 MHz	-39.19 dBm	-26.19 dB
699.000 MHz	709.000 MHz	100.000 kHz	701.40260 MHz	2.78 dBm	-27.22 dB

Date: 8.MAY.2020 00:15:00

Highest Band Edge / Full RB



Spurious Emissions

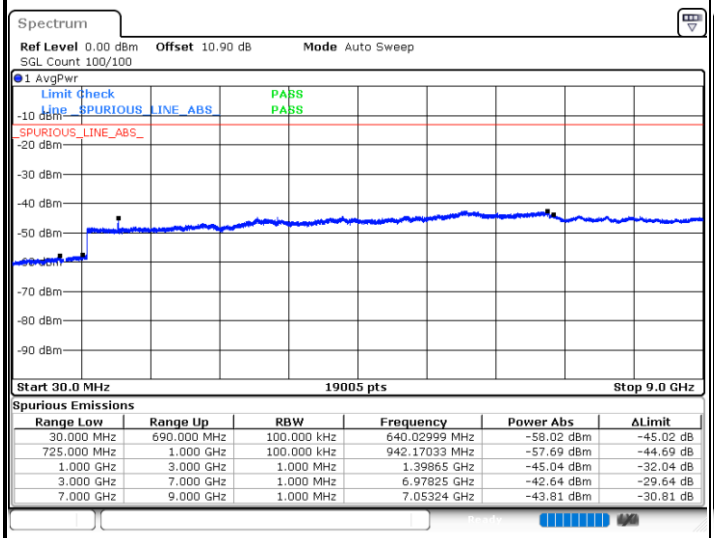
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	710.49051 MHz	2.72 dBm	-27.28 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00654 MHz	-38.50 dBm	-25.50 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.17 dBm	-22.17 dB

Date: 8.MAY.2020 00:22:07

Conducted Spurious Emission

LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	640.02999 MHz	-58.02 dBm	-45.02 dB
725.000 MHz	1.000 GHz	100.000 kHz	942.17033 MHz	-57.69 dBm	-44.69 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.04 dBm	-32.04 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97825 GHz	-42.64 dBm	-29.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05324 GHz	-43.81 dBm	-30.81 dB

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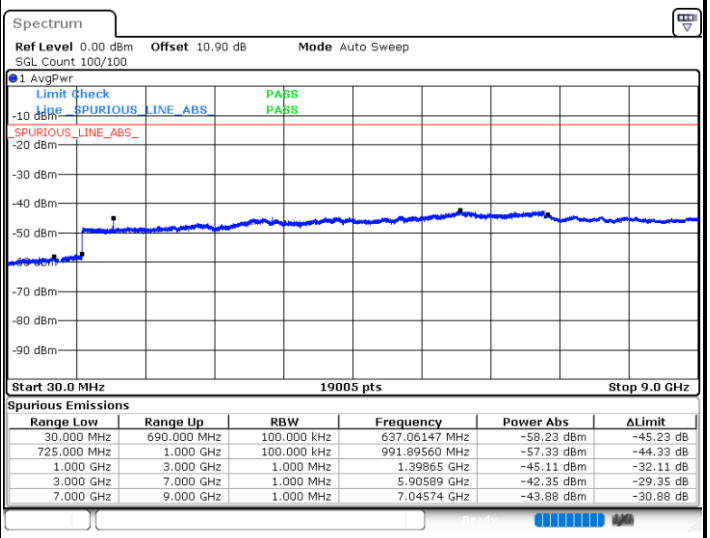
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	637.06147 MHz	-58.23 dBm	-45.23 dB
725.000 MHz	1.000 GHz	100.000 kHz	991.89560 MHz	-57.33 dBm	-44.33 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.11 dBm	-32.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.90589 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04574 GHz	-43.88 dBm	-30.88 dB

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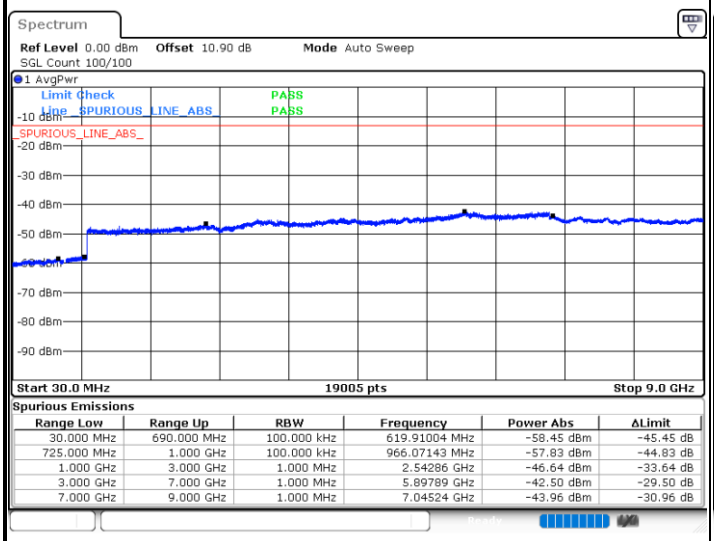
Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	619.91004 MHz	-58.45 dBm	-45.45 dB
725.000 MHz	1.000 GHz	100.000 kHz	966.07143 MHz	-57.83 dBm	-44.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54286 GHz	-46.64 dBm	-33.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89789 GHz	-42.50 dBm	-29.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04524 GHz	-43.96 dBm	-30.96 dB

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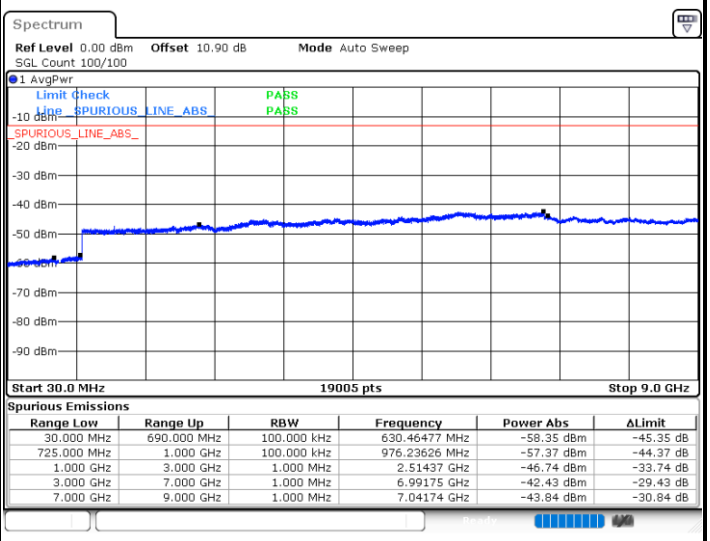
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	630.46477 MHz	-58.35 dBm	-45.35 dB
725.000 MHz	1.000 GHz	100.000 kHz	976.23626 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.51437 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.43 dBm	-29.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04174 GHz	-43.84 dBm	-30.84 dB

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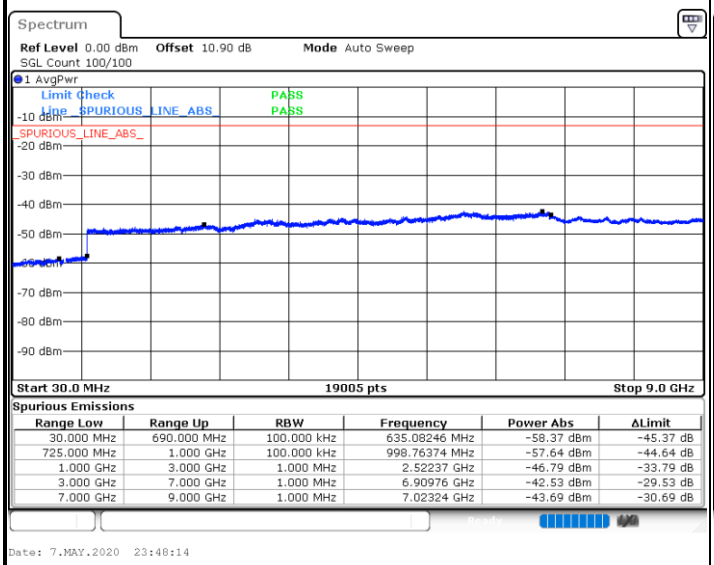
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	635.08246 MHz	-58.37 dBm	-45.37 dB
725.000 MHz	1.000 GHz	100.000 kHz	998.76374 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.52237 GHz	-46.79 dBm	-33.79 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90976 GHz	-42.53 dBm	-29.53 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02324 GHz	-43.69 dBm	-30.69 dB

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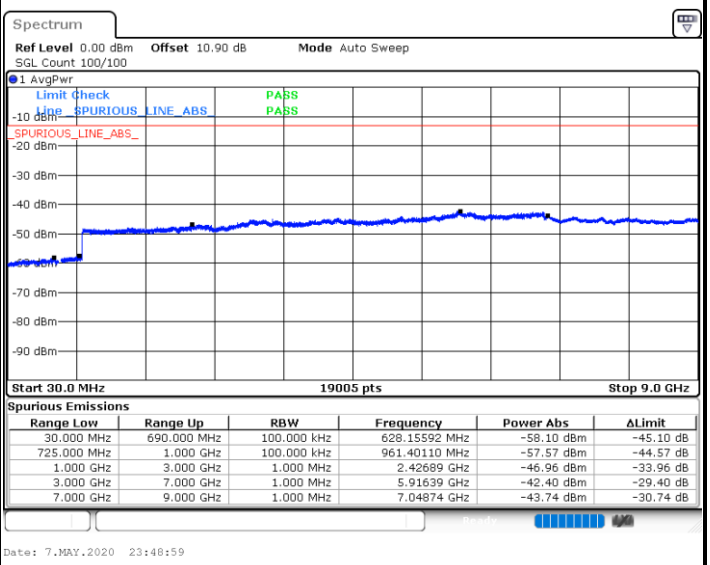
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	628.15592 MHz	-58.10 dBm	-45.10 dB
725.000 MHz	1.000 GHz	100.000 kHz	961.40110 MHz	-57.57 dBm	-44.57 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.42689 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91639 GHz	-42.40 dBm	-29.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04874 GHz	-43.74 dBm	-30.74 dB

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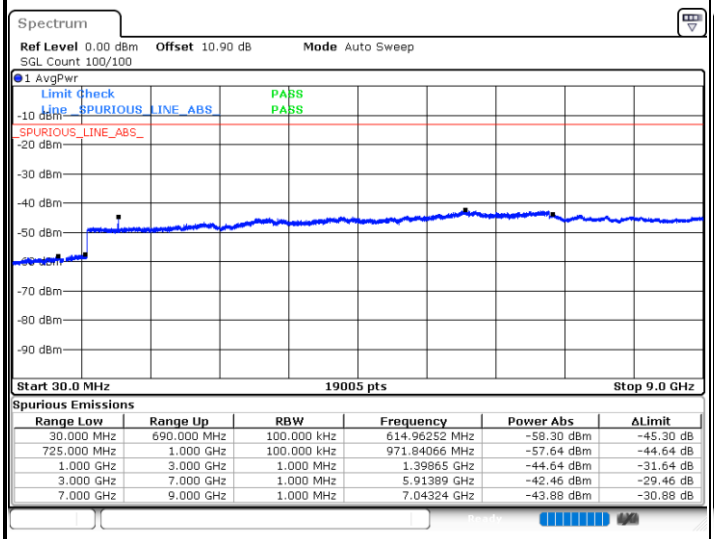
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	614.96252 MHz	-58.30 dBm	-45.30 dB
725.000 MHz	1.000 GHz	100.000 kHz	971.84066 MHz	-57.64 dBm	-44.64 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-44.64 dBm	-31.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91389 GHz	-42.46 dBm	-29.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04324 GHz	-43.88 dBm	-30.88 dB

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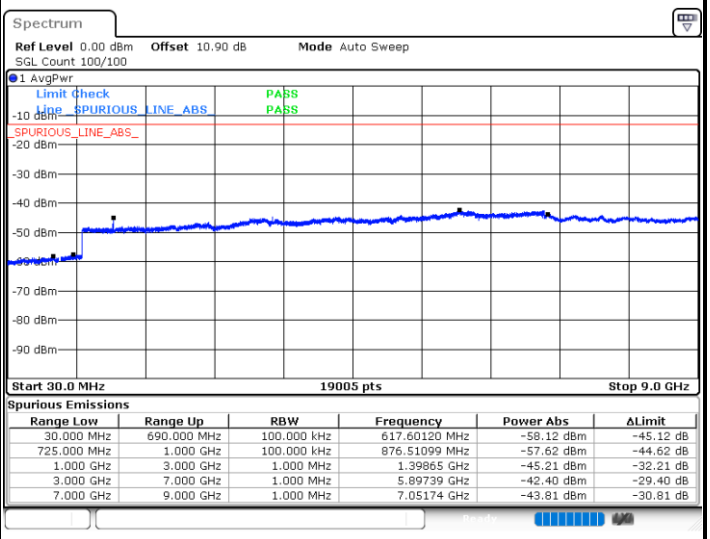
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	617.60120 MHz	-58.12 dBm	-45.12 dB
725.000 MHz	1.000 GHz	100.000 kHz	876.51099 MHz	-57.62 dBm	-44.62 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.39865 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89739 GHz	-42.40 dBm	-29.40 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-43.81 dBm	-30.81 dB

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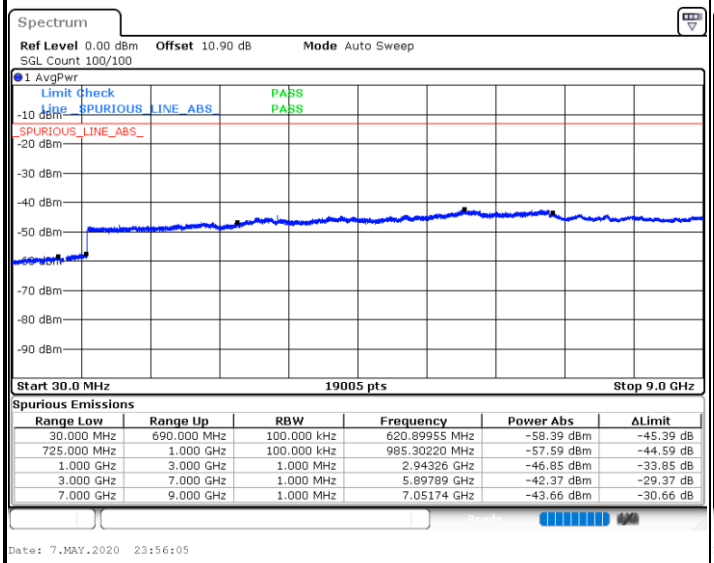
LTE Band 12 / 3MHz

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	620.89955 MHz	-58.39 dBm	-45.39 dB
725.000 MHz	1.000 GHz	100.000 kHz	985.30220 MHz	-57.59 dBm	-44.59 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.94326 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.89789 GHz	-42.37 dBm	-29.37 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05174 GHz	-43.66 dBm	-30.66 dB

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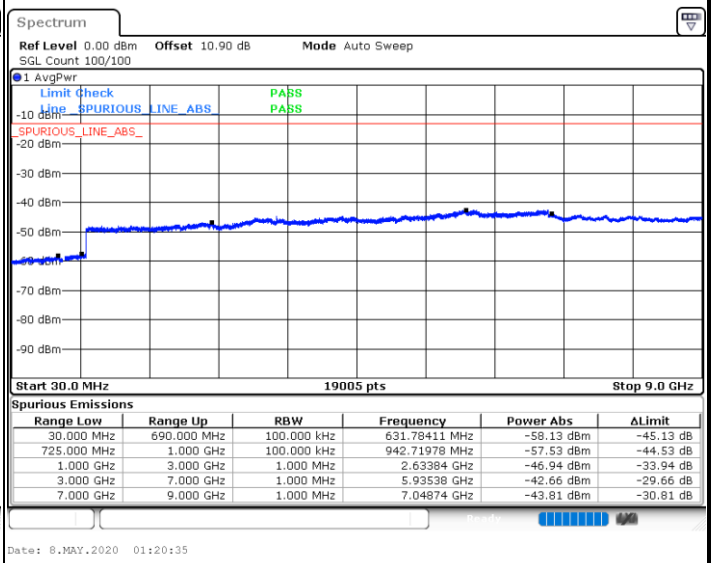
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	631.78411 MHz	-58.13 dBm	-45.13 dB
725.000 MHz	1.000 GHz	100.000 kHz	942.71978 MHz	-57.53 dBm	-44.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.63384 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.93538 GHz	-42.66 dBm	-29.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04874 GHz	-43.81 dBm	-30.81 dB

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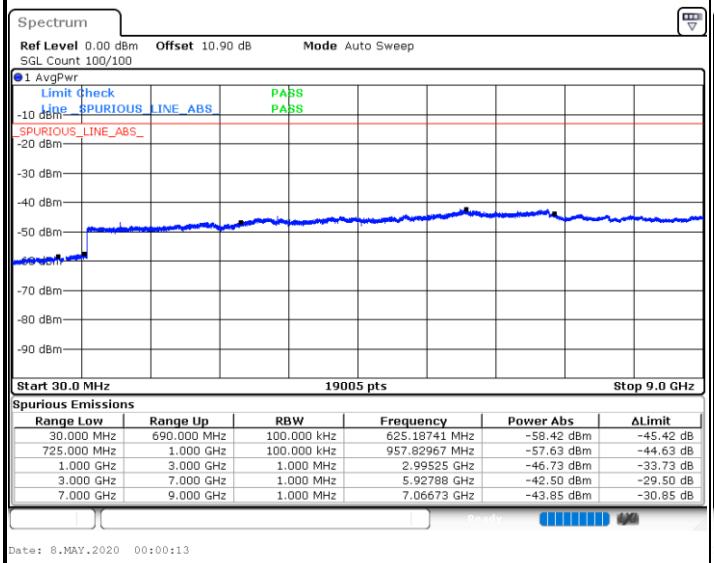
Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	625.18741 MHz	-58.42 dBm	-45.42 dB
725.000 MHz	1.000 GHz	100.000 kHz	957.82967 MHz	-57.63 dBm	-44.63 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-46.73 dBm	-33.73 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.92788 GHz	-42.50 dBm	-29.50 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06673 GHz	-43.85 dBm	-30.85 dB

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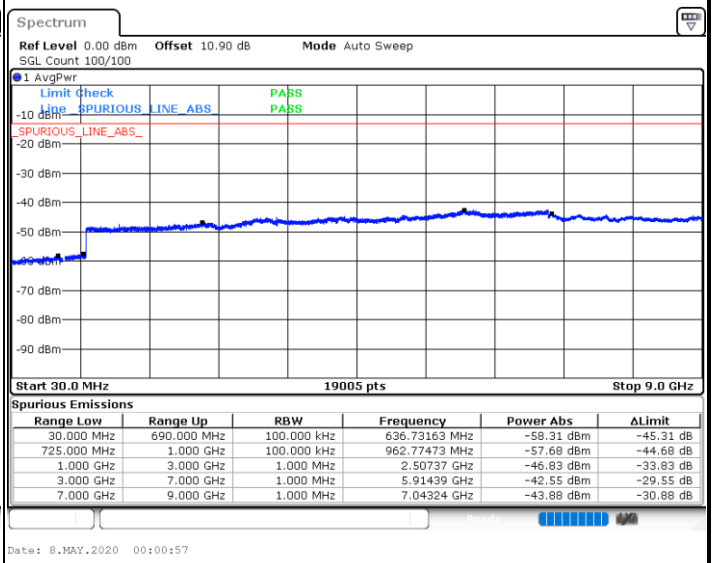
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	636.73163 MHz	-58.31 dBm	-45.31 dB
725.000 MHz	1.000 GHz	100.000 kHz	962.77473 MHz	-57.68 dBm	-44.68 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50737 GHz	-46.83 dBm	-33.83 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.91439 GHz	-42.55 dBm	-29.55 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04324 GHz	-43.88 dBm	-30.88 dB

Date: 8.MAY.2020 00:00:57