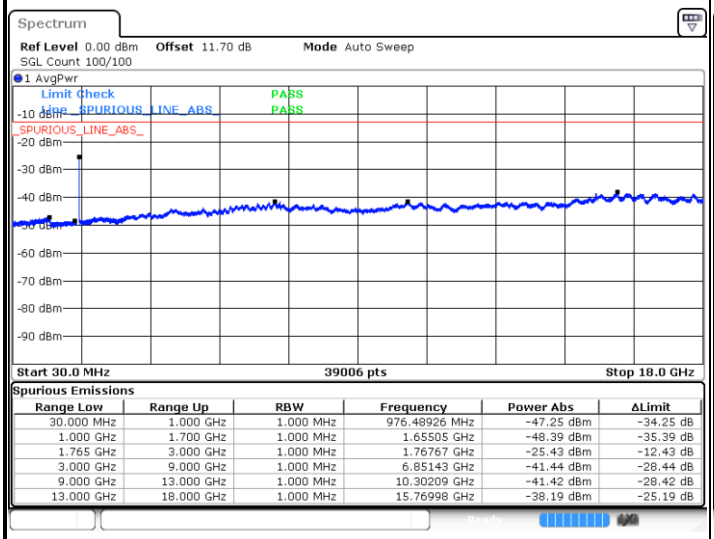
LTE Band 4 / 15MHz

Highest Channel / QPSK

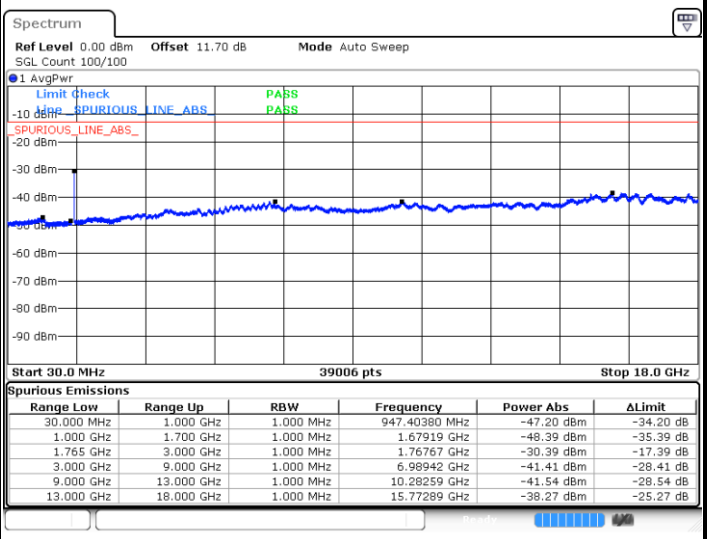


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.48926 MHz	-47.25 dBm	-34.25 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65505 GHz	-48.39 dBm	-35.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-25.43 dBm	-12.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85143 GHz	-41.44 dBm	-28.44 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30209 GHz	-41.42 dBm	-28.42 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76998 GHz	-38.19 dBm	-25.19 dB

Date: 4.JAN.2018 13:03:17

Highest Channel / 16QAM



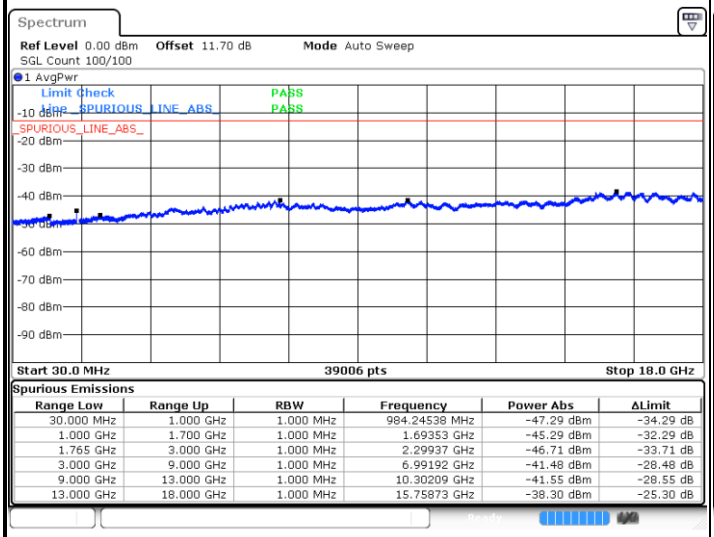
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.20 dBm	-34.20 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.67919 GHz	-48.39 dBm	-35.39 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.76767 GHz	-30.39 dBm	-17.39 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98942 GHz	-41.41 dBm	-28.41 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.28259 GHz	-41.54 dBm	-28.54 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77289 GHz	-38.27 dBm	-25.27 dB

Date: 4.JAN.2018 13:04:11

LTE Band 4 / 20MHz

Lowest Channel / QPSK

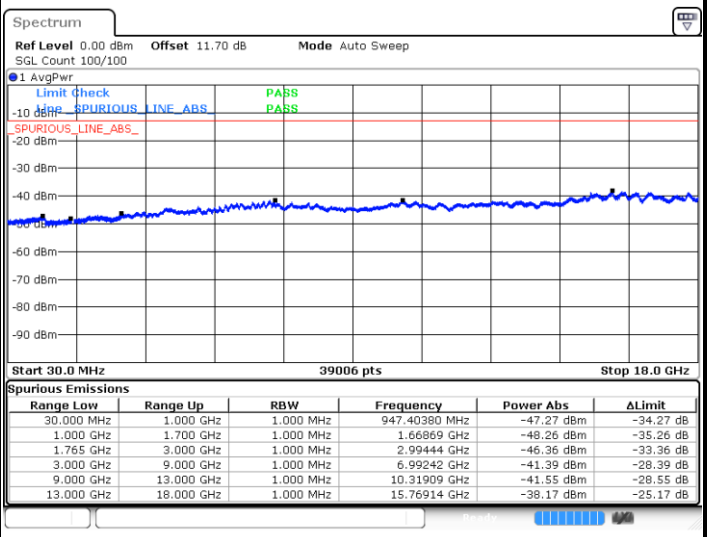


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	984.24538 MHz	-47.29 dBm	-34.29 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69353 GHz	-45.29 dBm	-32.29 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.29937 GHz	-46.71 dBm	-33.71 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30209 GHz	-41.55 dBm	-28.55 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.75873 GHz	-38.30 dBm	-25.30 dB

Date: 4.JAN.2018 13:10:20

Lowest Channel / 16QAM



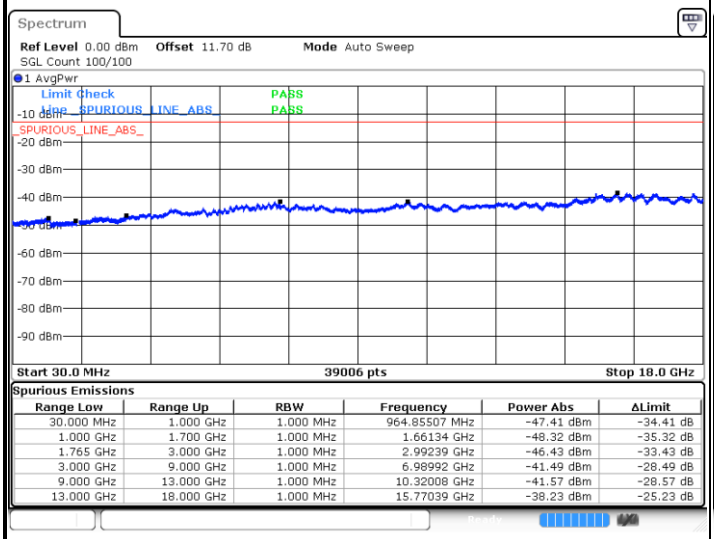
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.40380 MHz	-47.27 dBm	-34.27 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66869 GHz	-48.26 dBm	-35.26 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99444 GHz	-46.36 dBm	-33.36 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99242 GHz	-41.39 dBm	-28.39 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31909 GHz	-41.55 dBm	-28.55 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76914 GHz	-38.17 dBm	-25.17 dB

Date: 4.JAN.2018 13:11:14

LTE Band 4 / 20MHz

Middle Channel / QPSK

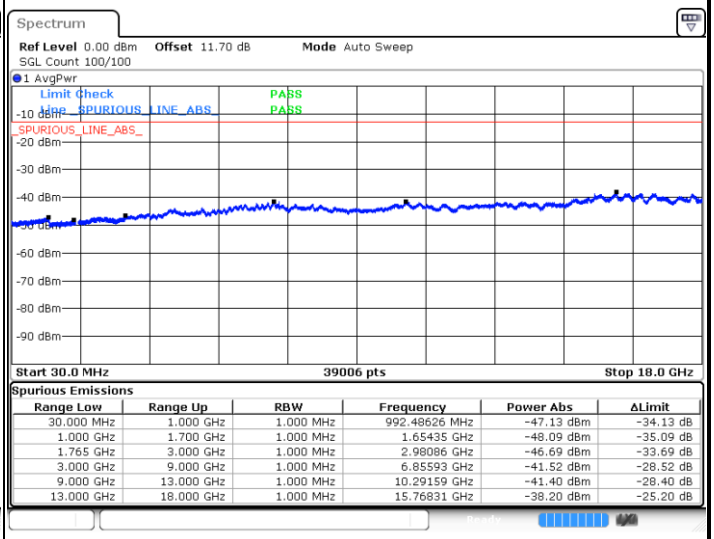


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.85507 MHz	-47.41 dBm	-34.41 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.66134 GHz	-48.32 dBm	-35.32 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.99239 GHz	-46.43 dBm	-33.43 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.98992 GHz	-41.49 dBm	-28.49 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.32008 GHz	-41.57 dBm	-28.57 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.77039 GHz	-38.23 dBm	-25.23 dB

Date: 4.JAN.2018 13:12:48

Middle Channel / 16QAM

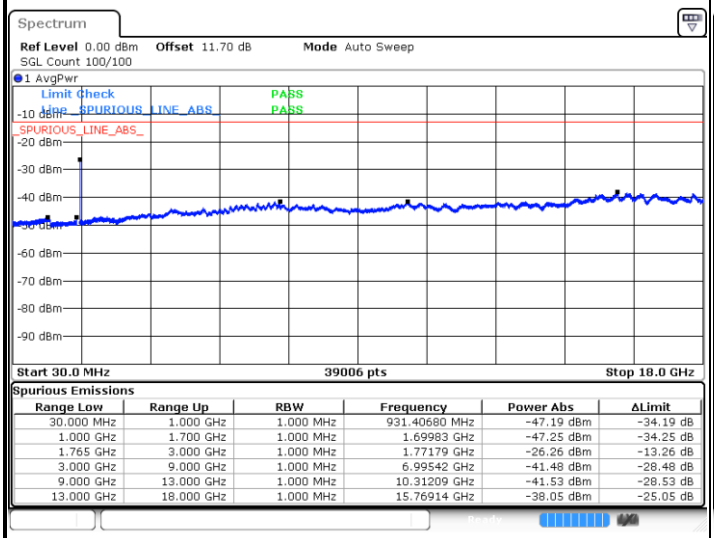


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.48626 MHz	-47.13 dBm	-34.13 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.65435 GHz	-48.09 dBm	-35.09 dB
1.765 GHz	3.000 GHz	1.000 MHz	2.98086 GHz	-46.69 dBm	-33.69 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.85593 GHz	-41.52 dBm	-28.52 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.29159 GHz	-41.40 dBm	-28.40 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76831 GHz	-38.20 dBm	-25.20 dB

Date: 4.JAN.2018 13:13:42

Highest Channel / QPSK

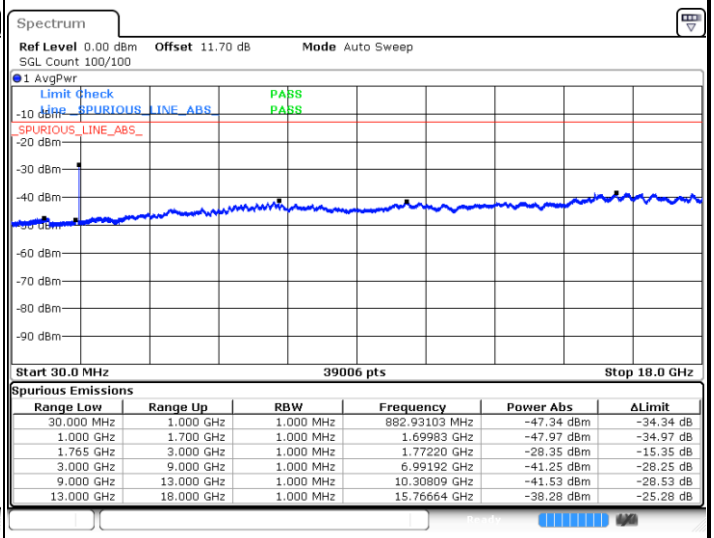


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.40680 MHz	-47.19 dBm	-34.19 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-47.25 dBm	-34.25 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77179 GHz	-26.26 dBm	-13.26 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99542 GHz	-41.48 dBm	-28.48 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.31209 GHz	-41.53 dBm	-28.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76914 GHz	-38.05 dBm	-25.05 dB

Date: 4.JAN.2018 13:19:51

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	882.93103 MHz	-47.34 dBm	-34.34 dB
1.000 GHz	1.700 GHz	1.000 MHz	1.69983 GHz	-47.97 dBm	-34.97 dB
1.765 GHz	3.000 GHz	1.000 MHz	1.77220 GHz	-28.35 dBm	-15.35 dB
3.000 GHz	9.000 GHz	1.000 MHz	6.99192 GHz	-41.25 dBm	-28.25 dB
9.000 GHz	13.000 GHz	1.000 MHz	10.30809 GHz	-41.53 dBm	-28.53 dB
13.000 GHz	18.000 GHz	1.000 MHz	15.76664 GHz	-38.28 dBm	-25.28 dB

Date: 4.JAN.2018 13:20:45

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.8 V.；Battery End Point (BEP) =3.5 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

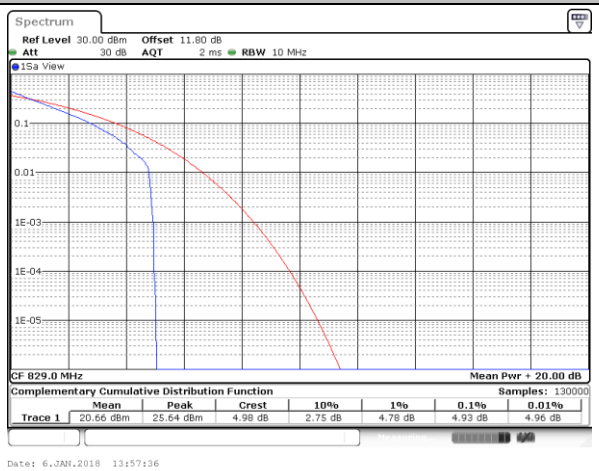
LTE Band 5

Peak-to-Average Ratio

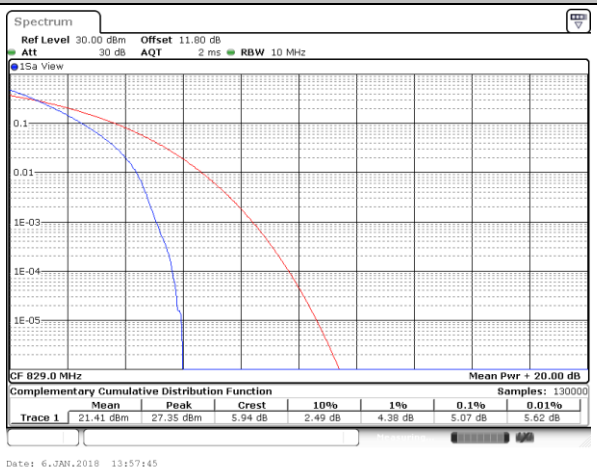
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.93	5.07	5.39	6.09	PASS
Middle CH	4.99	4.96	5.74	5.91	
Highest CH	4.52	4.81	5.28	5.71	

LTE Band 5 / 10MHz / QPSK

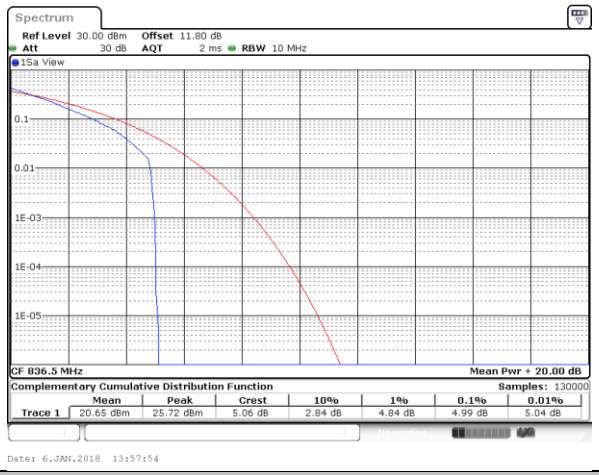
Lowest Channel / 1RB



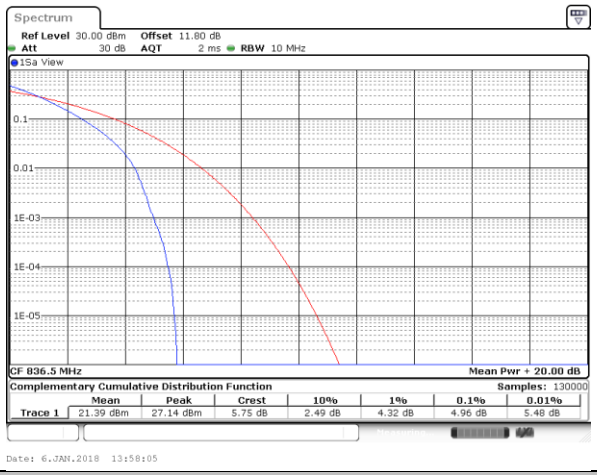
Lowest Channel / Full RB



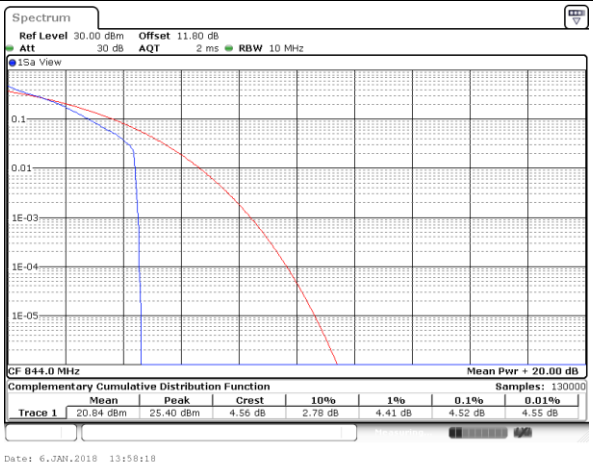
Middle Channel / 1RB



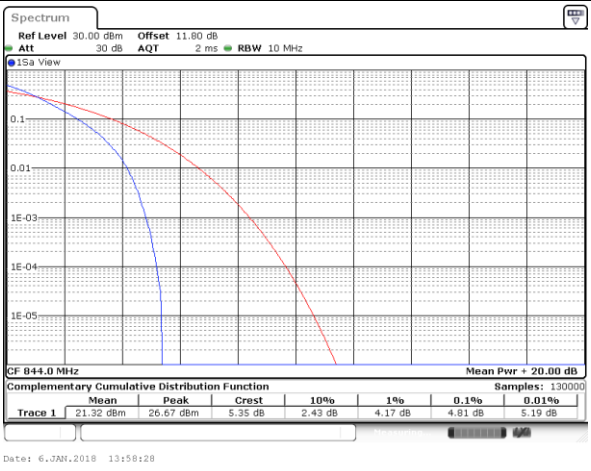
Middle Channel / Full RB



Highest Channel / 1RB

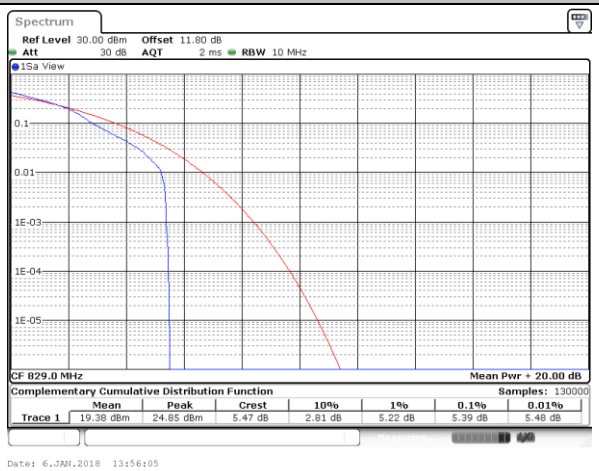


Highest Channel / Full RB

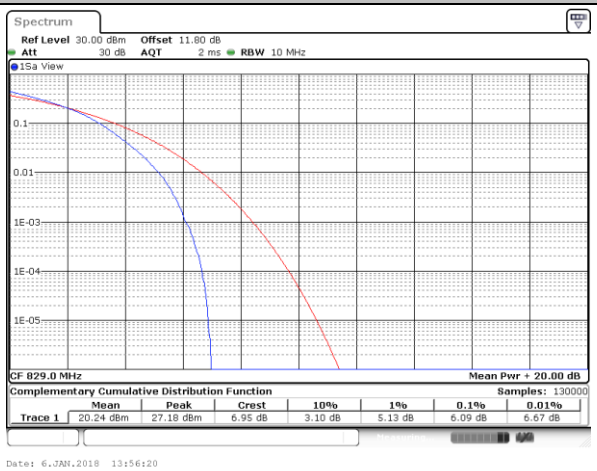


LTE Band 5 / 10MHz / 16QAM

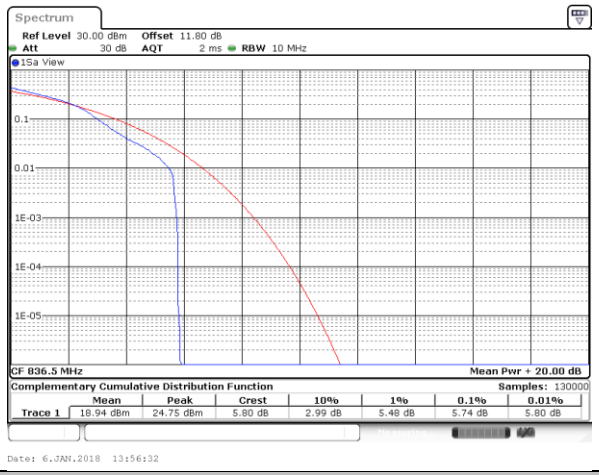
Lowest Channel / 1RB



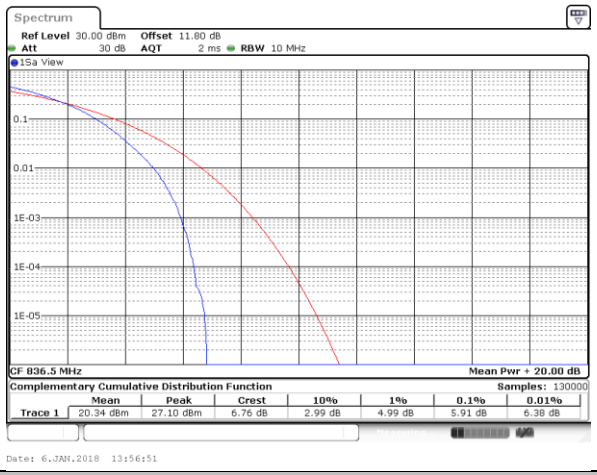
Lowest Channel / Full RB



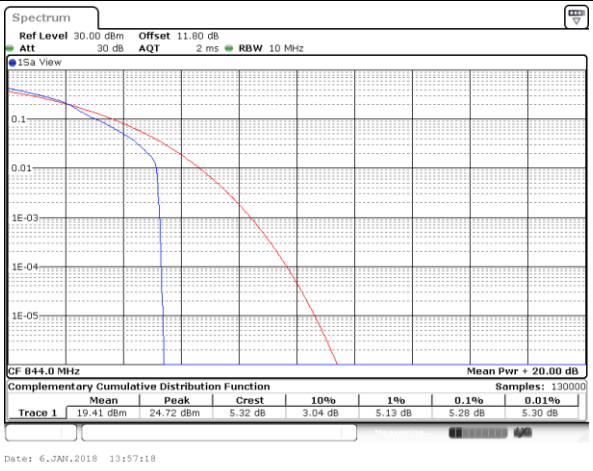
Middle Channel / 1RB



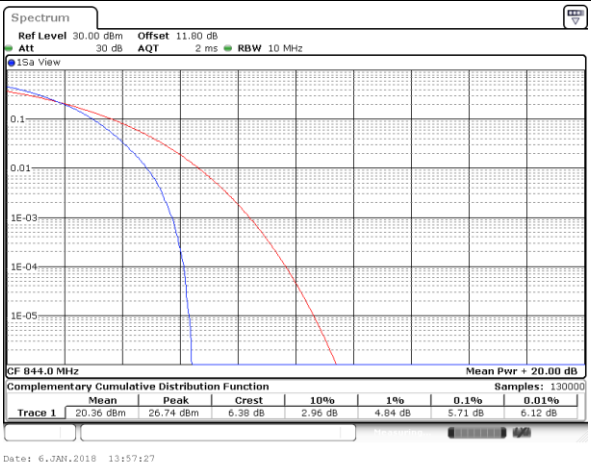
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

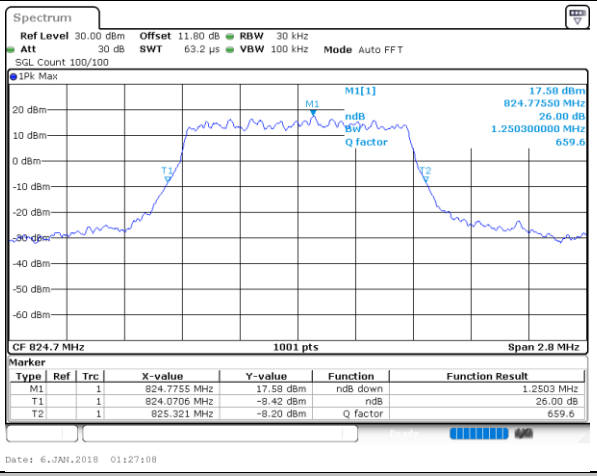


26dB Bandwidth

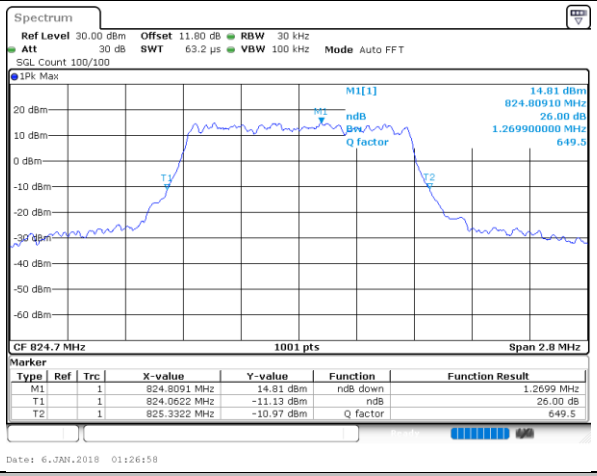
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.25	1.27	2.99	2.99	4.98	4.95	9.73	9.75	-	-	-	-
Middle CH	1.26	1.24	3.00	2.99	4.96	5.02	9.65	9.71	-	-	-	-
Highest CH	1.28	1.32	3.00	3.03	4.93	4.90	9.89	9.73	-	-	-	-

LTE Band 5

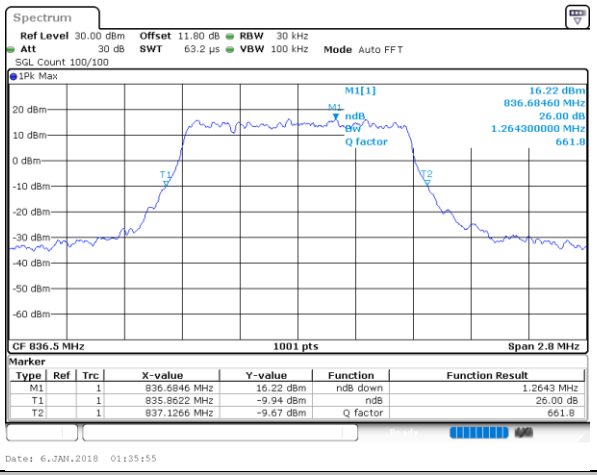
Lowest Channel / 1.4MHz / QPSK



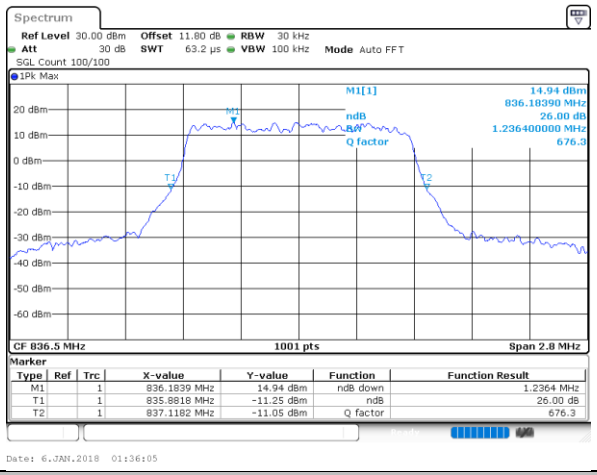
Lowest Channel / 1.4MHz / 16QAM



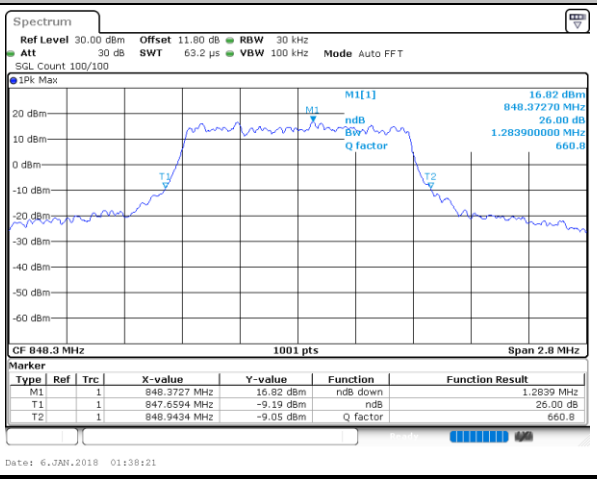
Middle Channel / 1.4MHz / QPSK



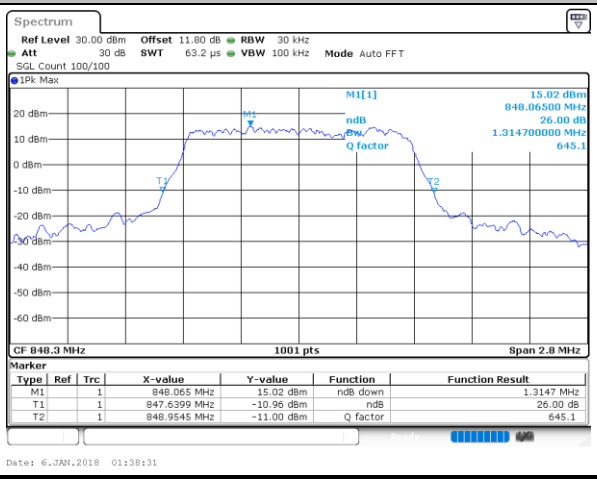
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

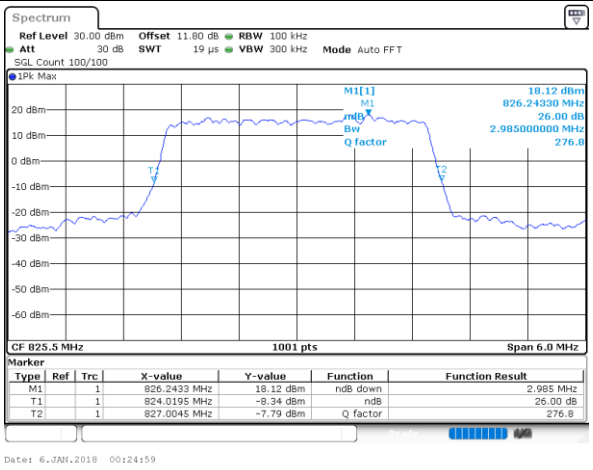


Highest Channel / 1.4MHz / 16QAM

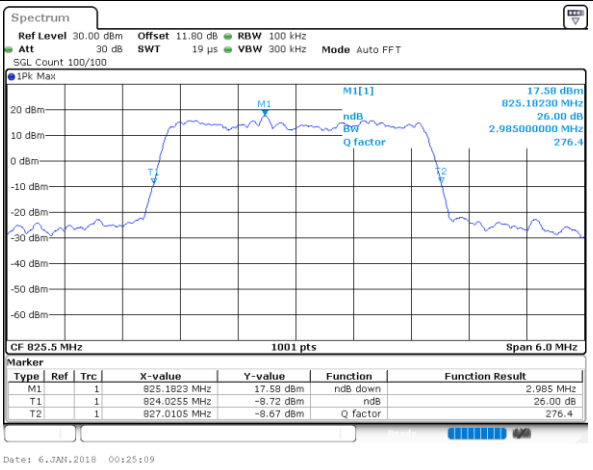


LTE Band 5

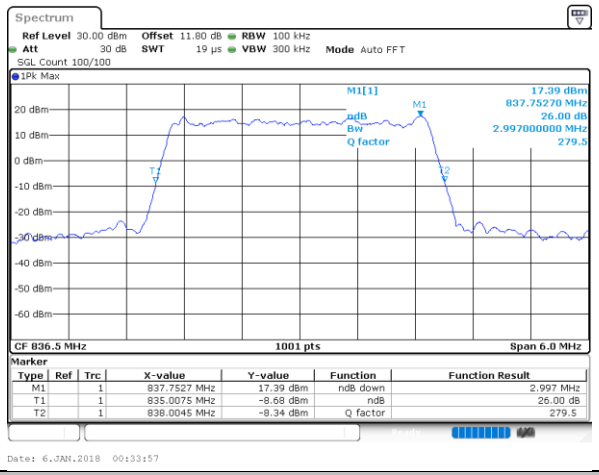
Lowest Channel / 3MHz / QPSK



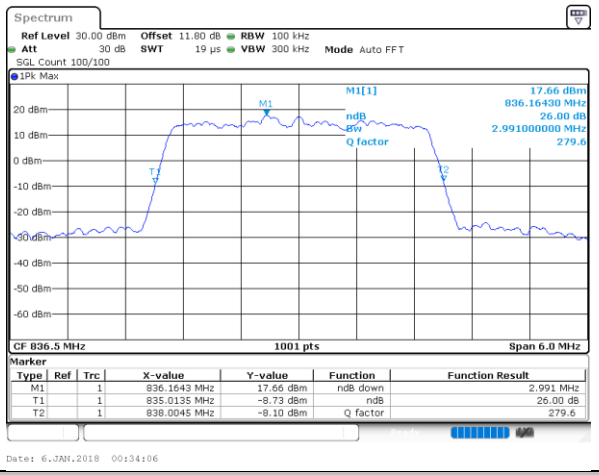
Lowest Channel / 3MHz / 16QAM



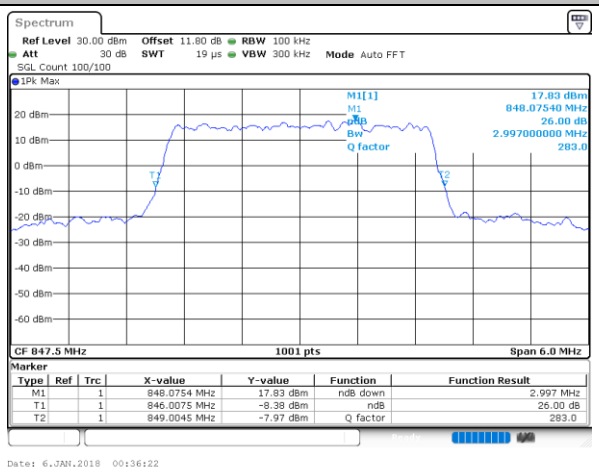
Middle Channel / 3MHz / QPSK



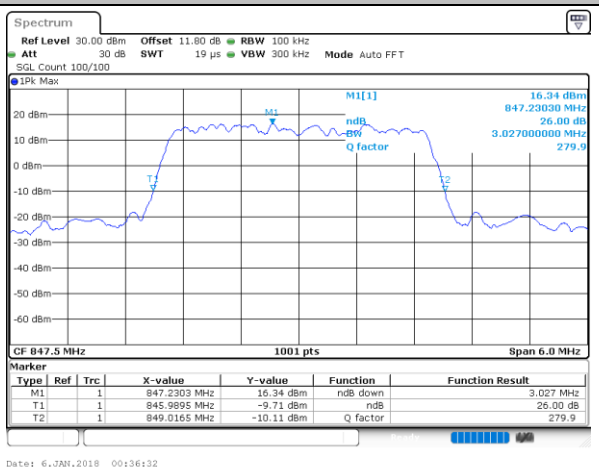
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

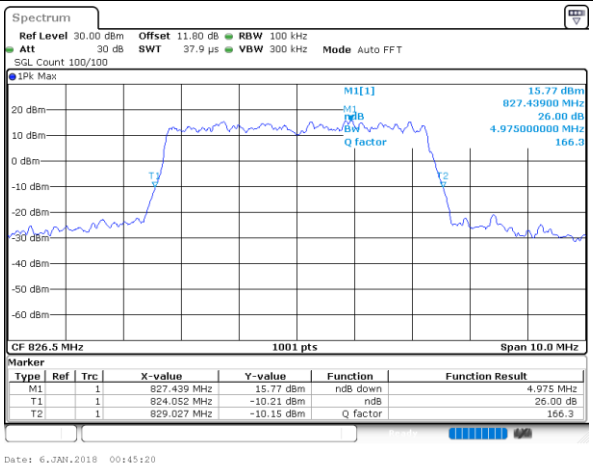


Highest Channel /3MHz / 16QAM

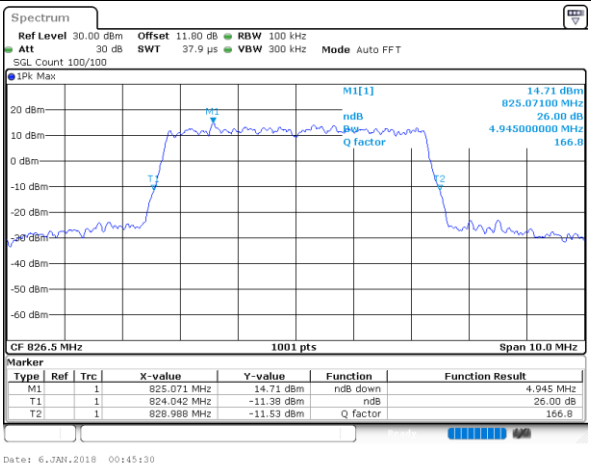


LTE Band 5

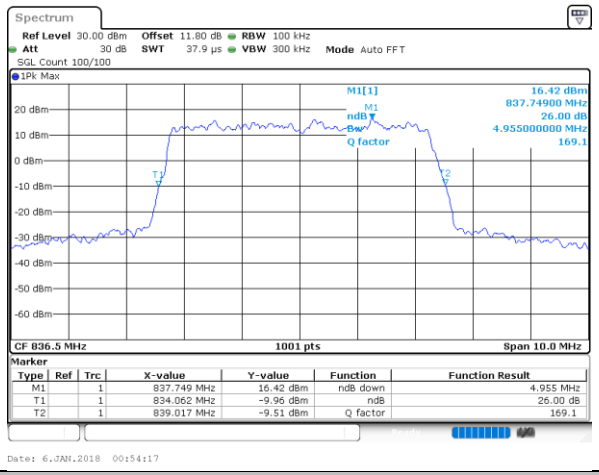
Lowest Channel / 5MHz / QPSK



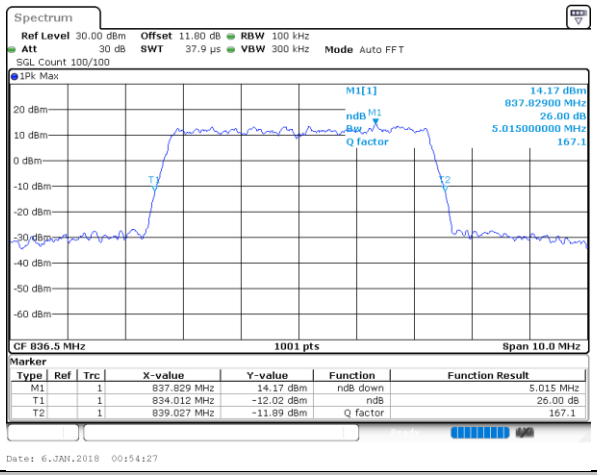
Lowest Channel / 5MHz / 16QAM



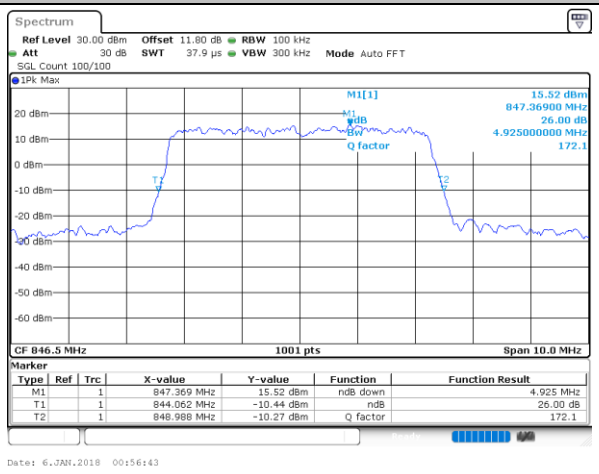
Middle Channel / 5MHz / QPSK



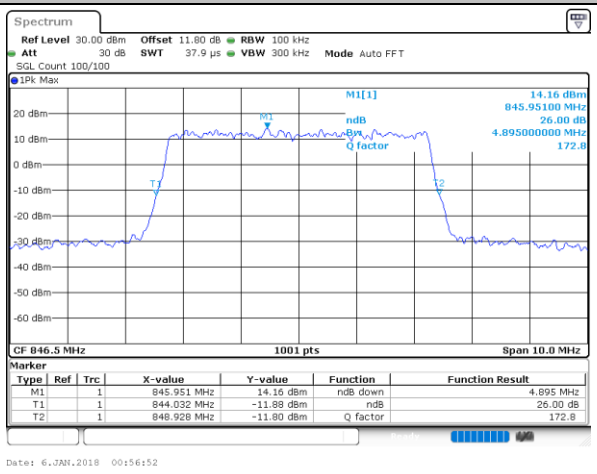
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

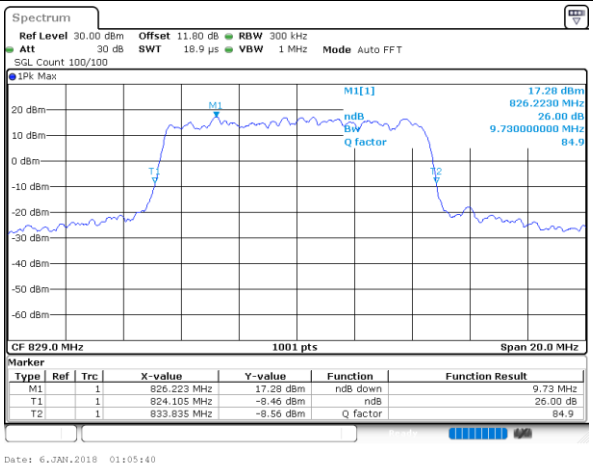


Highest Channel / 5MHz / 16QAM

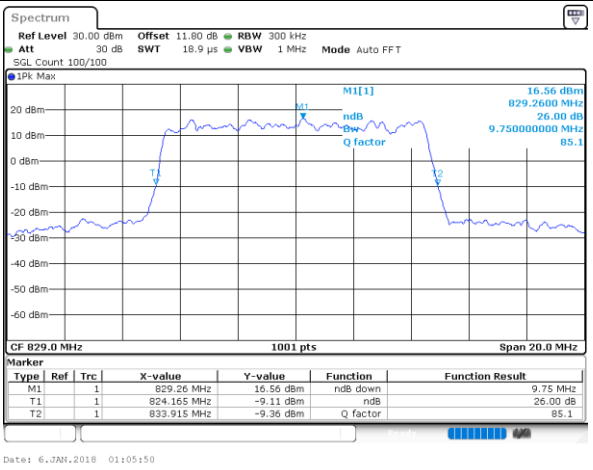


LTE Band 5

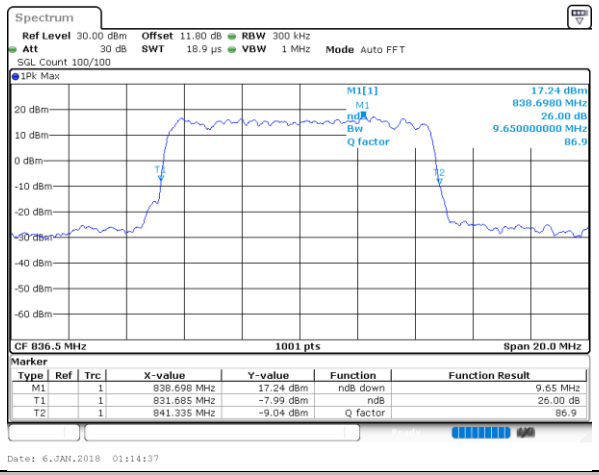
Lowest Channel / 10MHz / QPSK



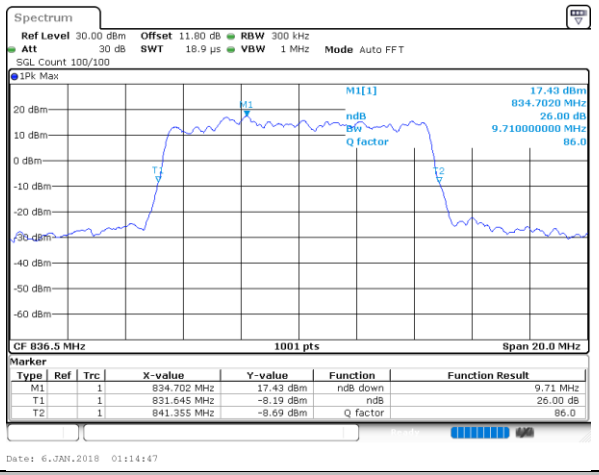
Lowest Channel / 10MHz / 16QAM



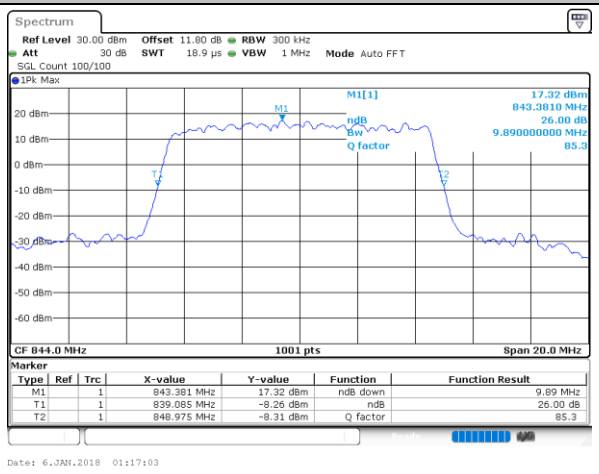
Middle Channel / 10MHz / QPSK



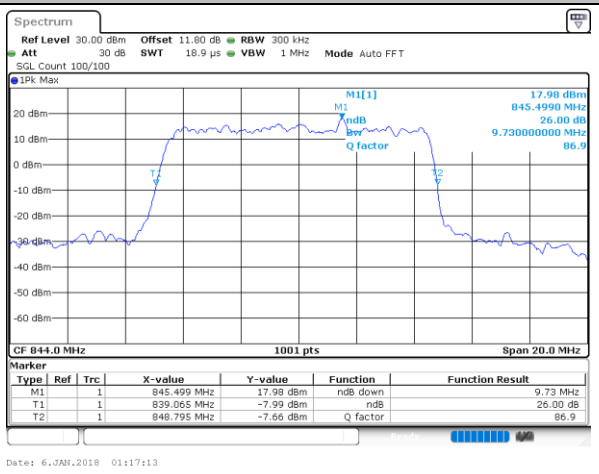
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

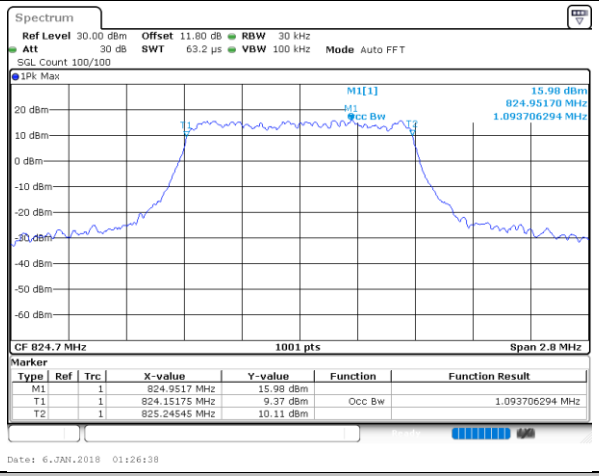


Occupied Bandwidth

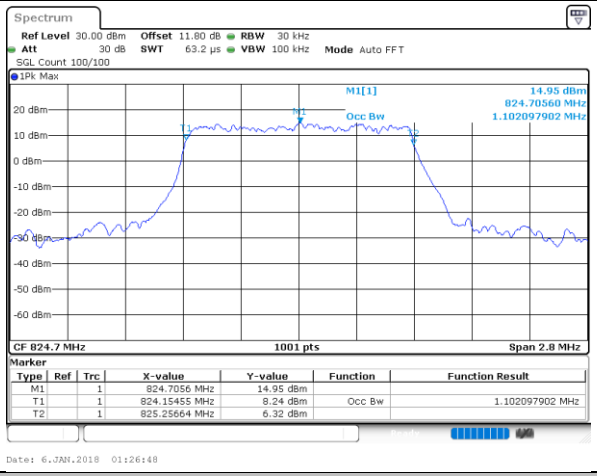
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.72	2.72	4.49	4.48	9.01	9.05	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.48	4.52	9.03	9.05	-	-	-	-
Highest CH	1.1	1.09	2.73	2.72	4.49	4.49	9.01	8.97	-	-	-	-

LTE Band 5

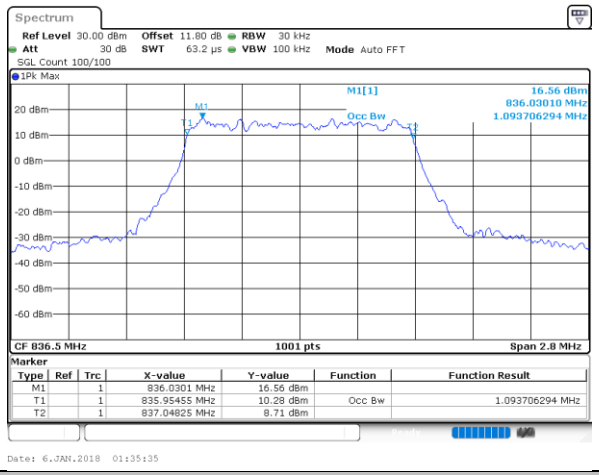
Lowest Channel / 1.4MHz / QPSK



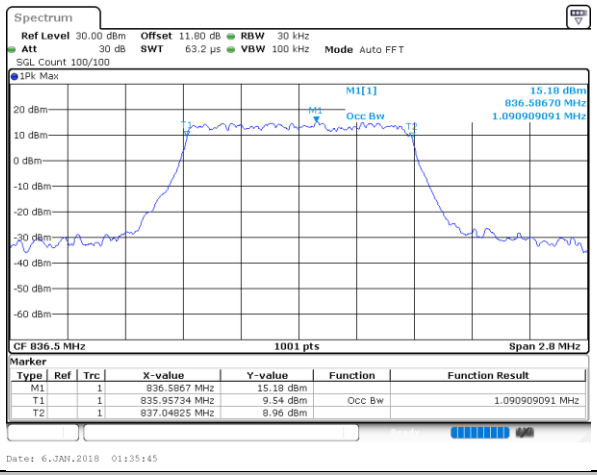
Lowest Channel / 1.4MHz / 16QAM



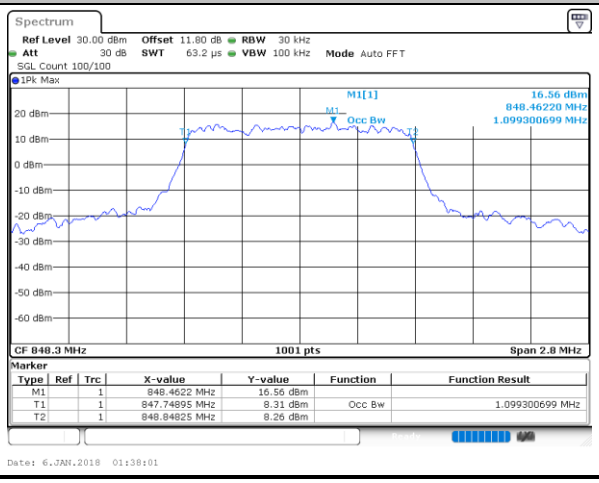
Middle Channel / 1.4MHz / QPSK



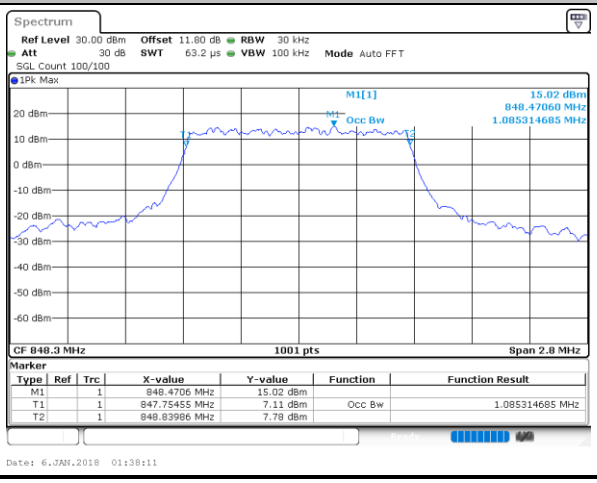
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

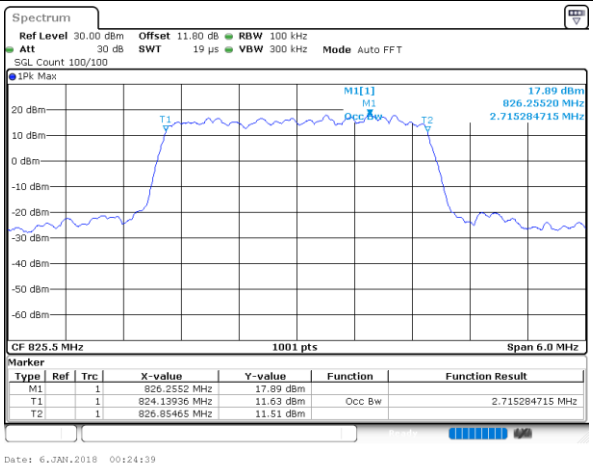


Highest Channel / 1.4MHz / 16QAM

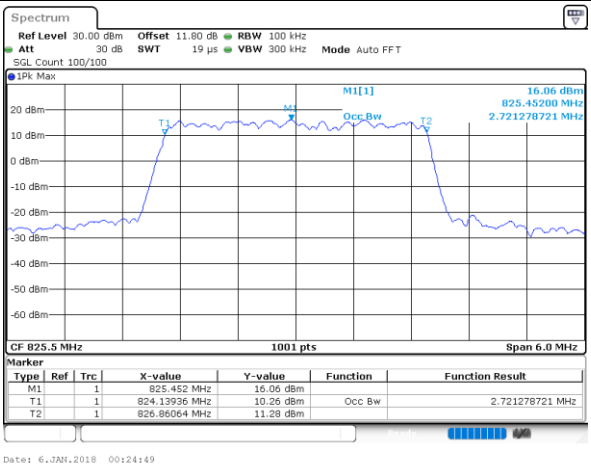


LTE Band 5

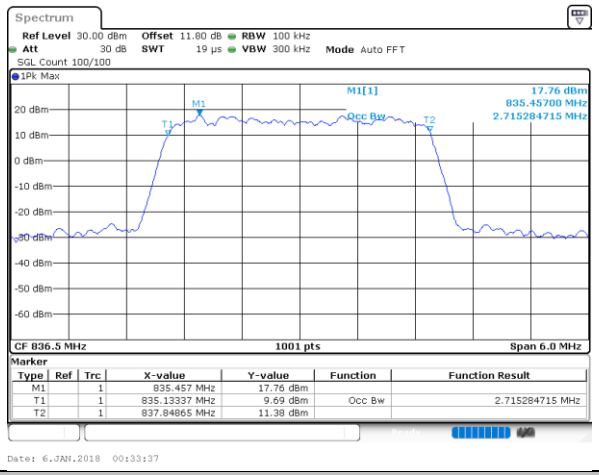
Lowest Channel / 3MHz / QPSK



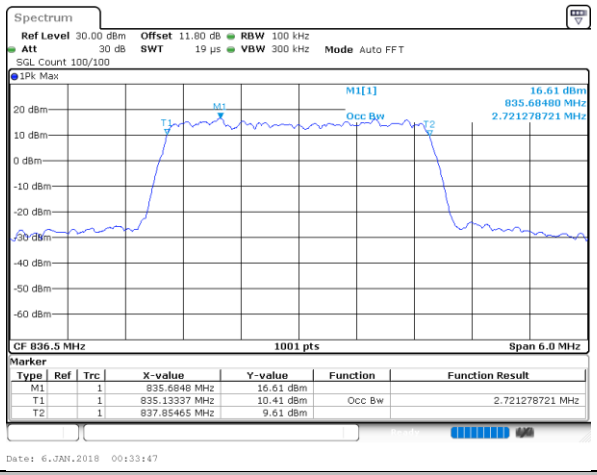
Lowest Channel / 3MHz / 16QAM



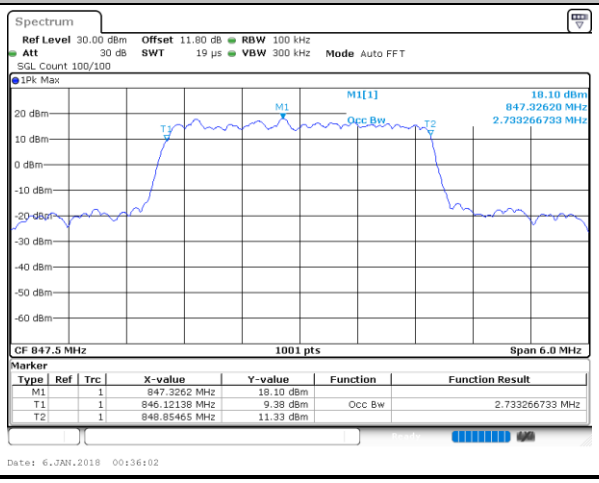
Middle Channel / 3MHz / QPSK



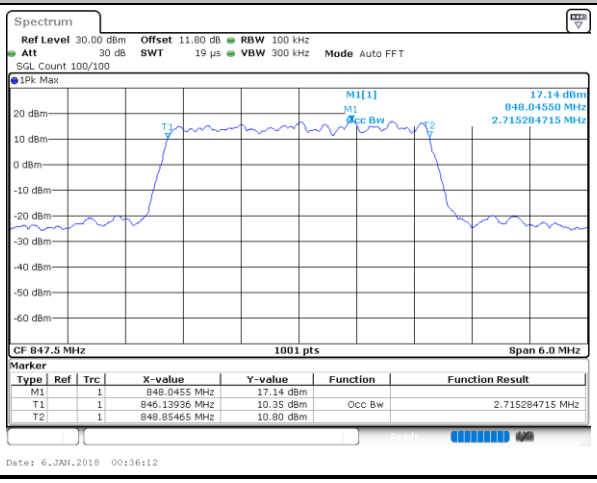
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

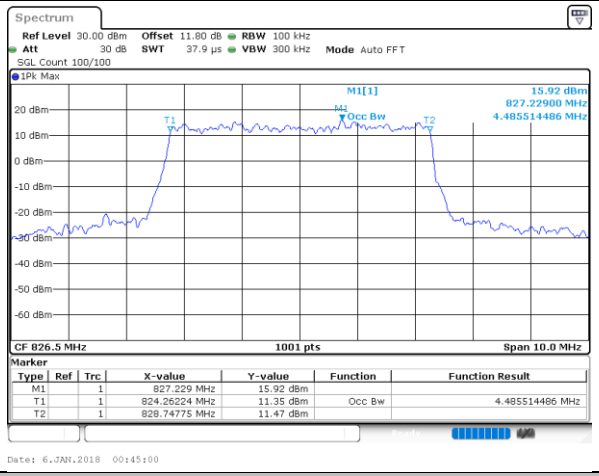


Highest Channel / 3MHz / 16QAM

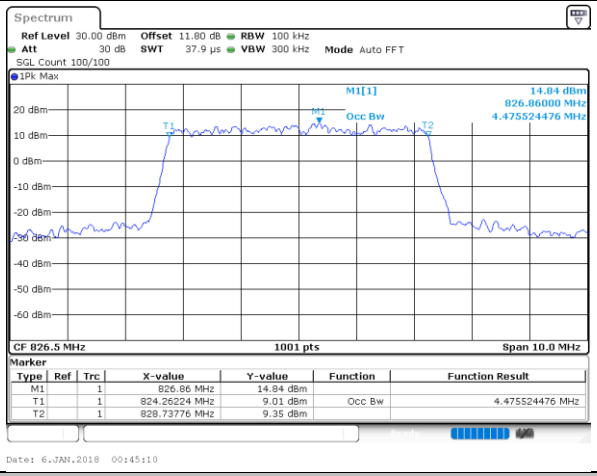


LTE Band 5

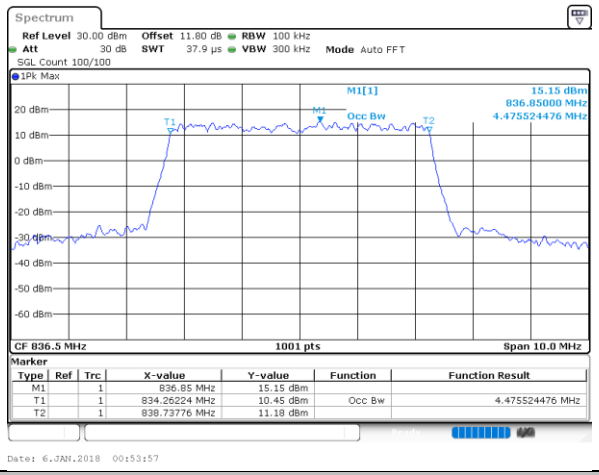
Lowest Channel / 5MHz / QPSK



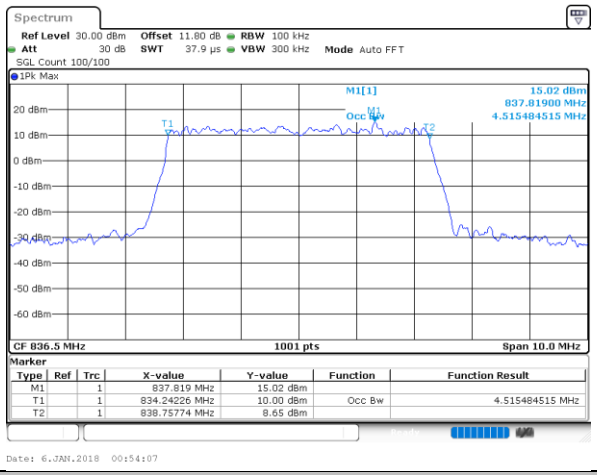
Lowest Channel / 5MHz / 16QAM



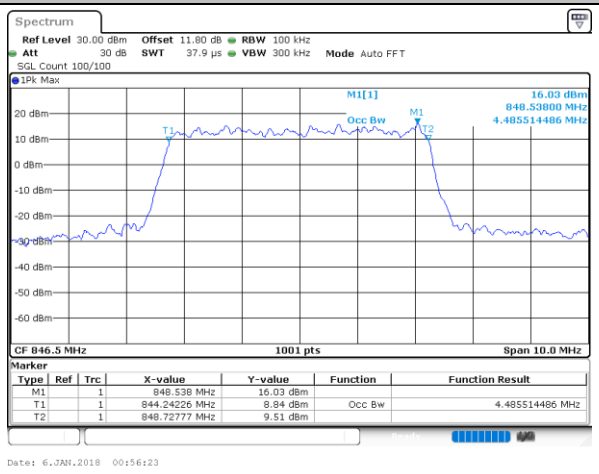
Middle Channel / 5MHz / QPSK



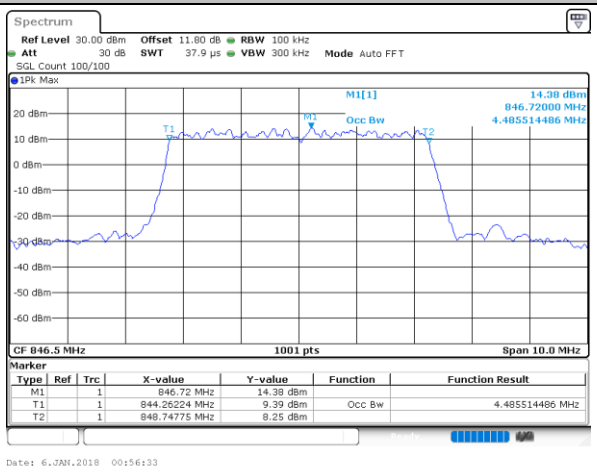
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

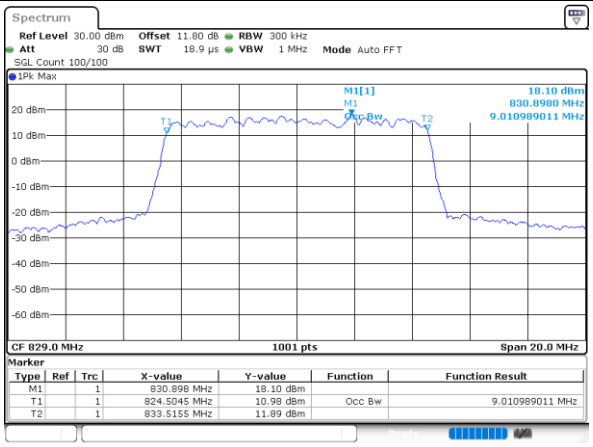


Highest Channel / 5MHz / 16QAM

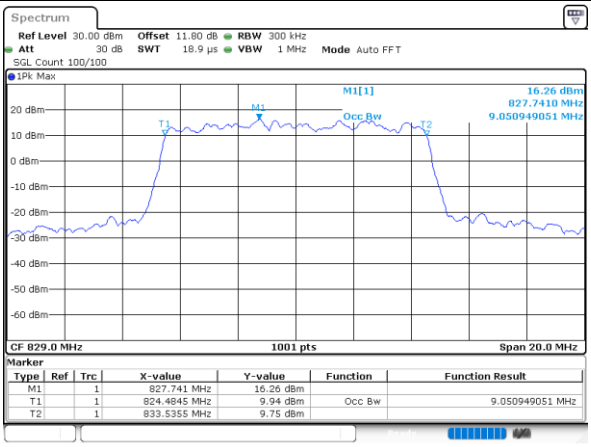


LTE Band 5

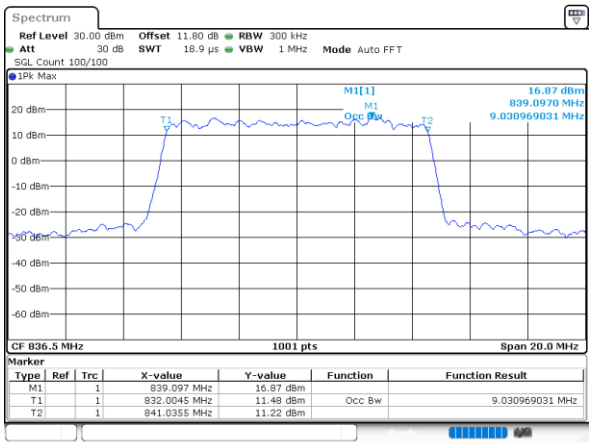
Lowest Channel / 10MHz / QPSK



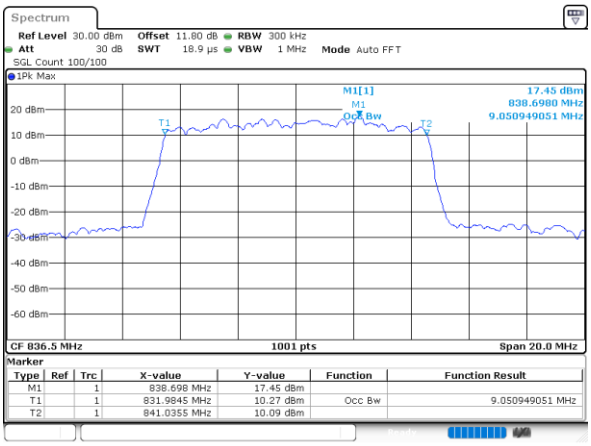
Lowest Channel / 10MHz / 16QAM



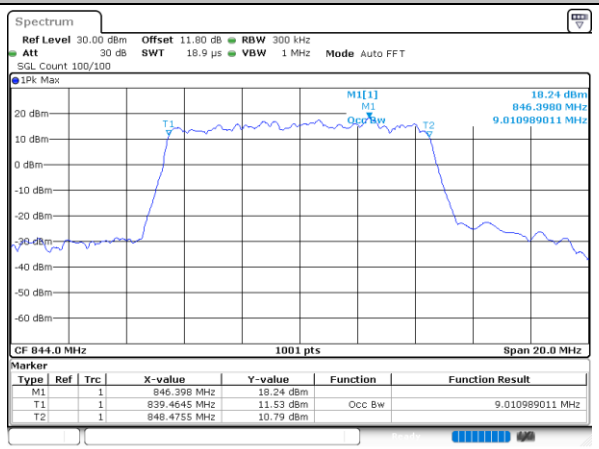
Middle Channel / 10MHz / QPSK



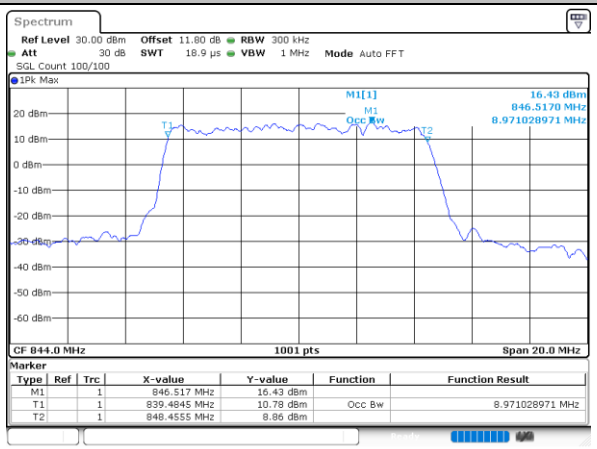
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



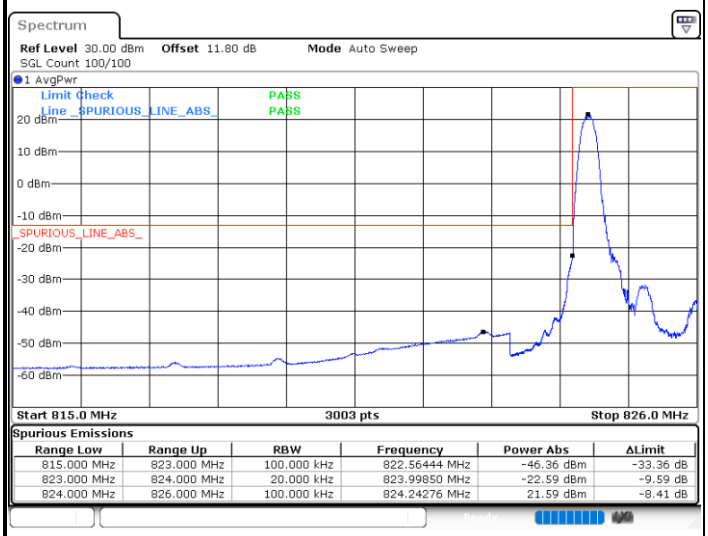
Highest Channel / 10MHz / 16QAM



Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

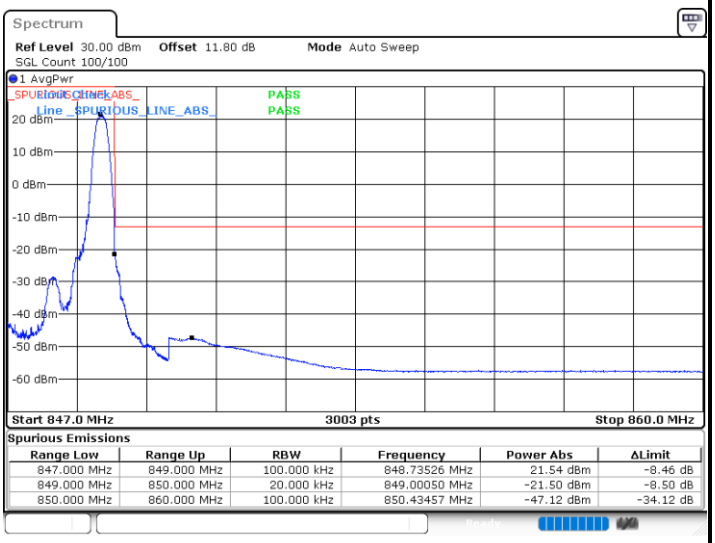


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.56444 MHz	-46.36 dBm	-33.36 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99850 MHz	-22.59 dBm	-9.59 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.24276 MHz	21.59 dBm	-8.41 dB

Date: 6.JAN.2018 01:28:45

Highest Band Edge / 1RB

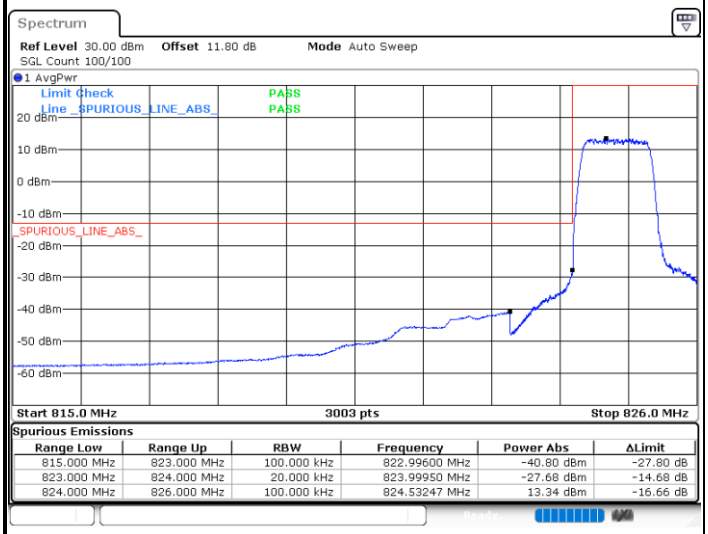


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.73526 MHz	21.54 dBm	-8.46 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-21.50 dBm	-8.50 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.43457 MHz	-47.12 dBm	-34.12 dB

Date: 6.JAN.2018 01:43:24

Lowest Band Edge / Full RB

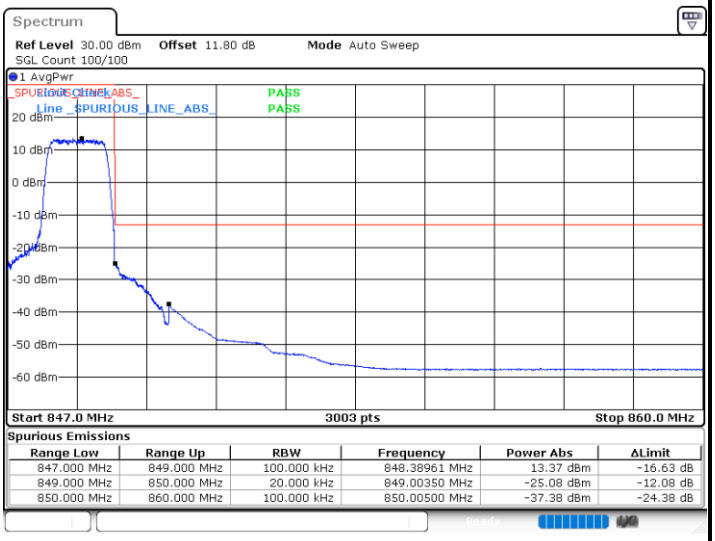


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-40.80 dBm	-27.80 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-27.68 dBm	-14.68 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.53247 MHz	13.34 dBm	-16.66 dB

Date: 6.JAN.2018 01:32:01

Highest Band Edge / Full RB



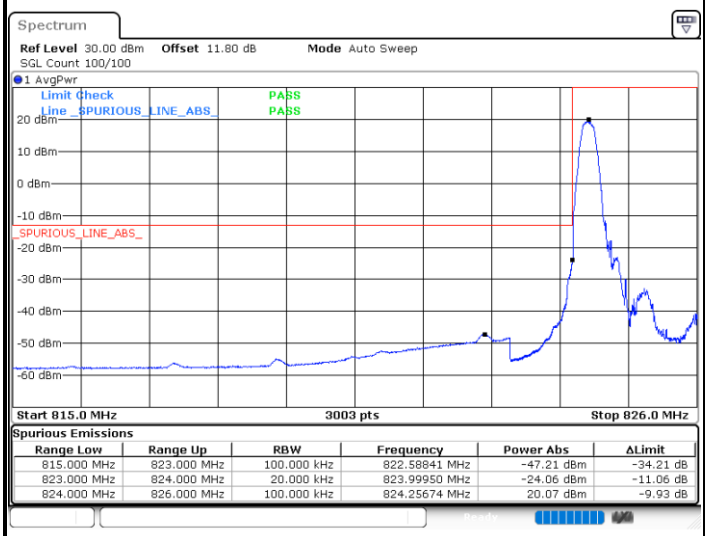
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.38961 MHz	13.37 dBm	-16.63 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00350 MHz	-25.08 dBm	-12.08 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-37.38 dBm	-24.38 dB

Date: 6.JAN.2018 01:40:09

LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

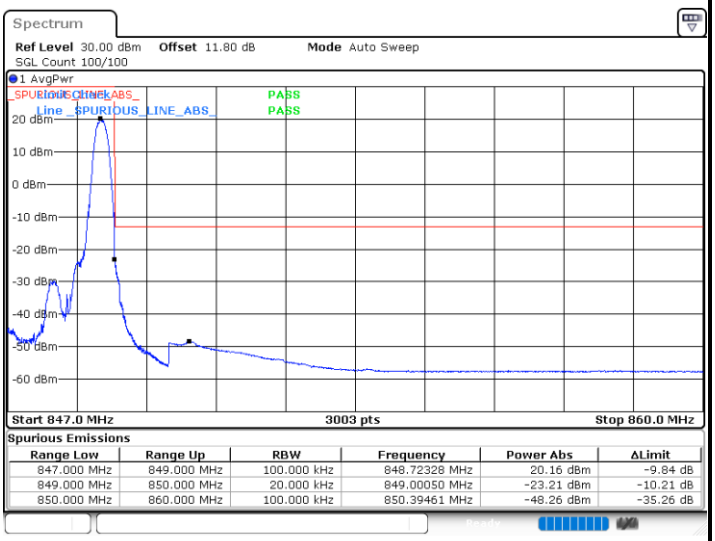


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.58841 MHz	-47.21 dBm	-34.21 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-24.06 dBm	-11.06 dB
824.000 MHz	826.000 MHz	100.000 kHz	824.25674 MHz	20.07 dBm	-9.93 dB

Date: 6.JAN.2018 01:30:23

Highest Band Edge / 1 RB

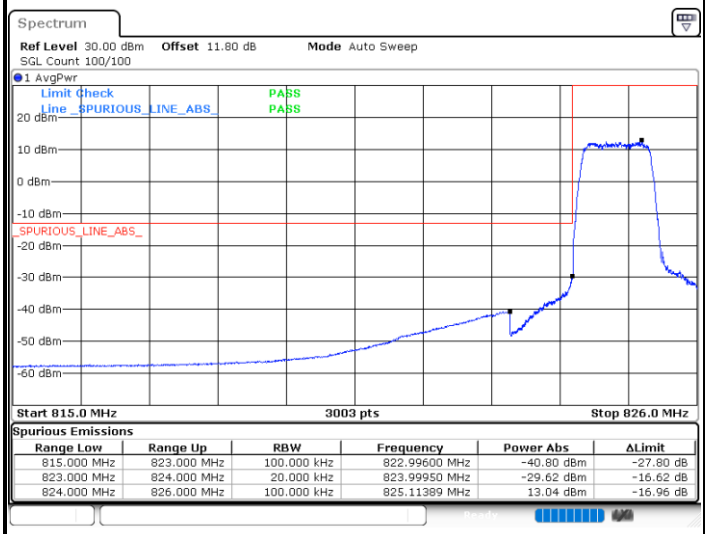


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.72328 MHz	20.16 dBm	-9.84 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-23.21 dBm	-10.21 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.39461 MHz	-48.26 dBm	-35.26 dB

Date: 6.JAN.2018 01:45:02

Lowest Band Edge / Full RB

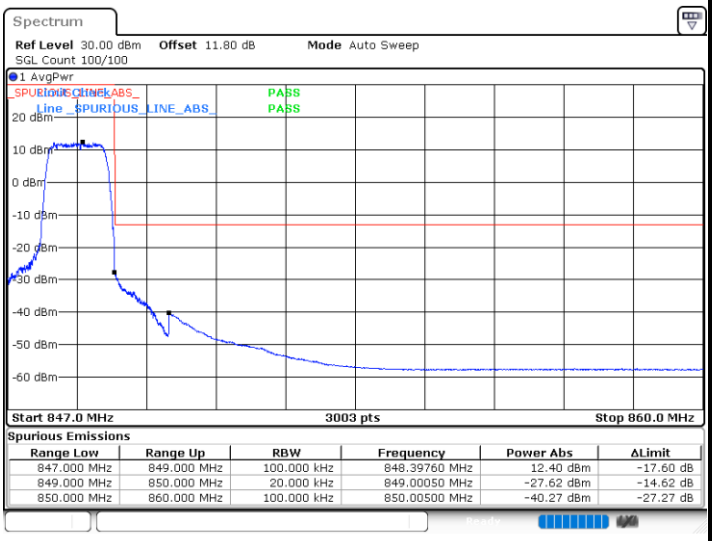


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-40.80 dBm	-27.80 dB
823.000 MHz	824.000 MHz	20.000 kHz	823.99950 MHz	-29.62 dBm	-16.62 dB
824.000 MHz	826.000 MHz	100.000 kHz	825.11389 MHz	13.04 dBm	-16.96 dB

Date: 6.JAN.2018 01:33:39

Highest Band Edge / Full RB



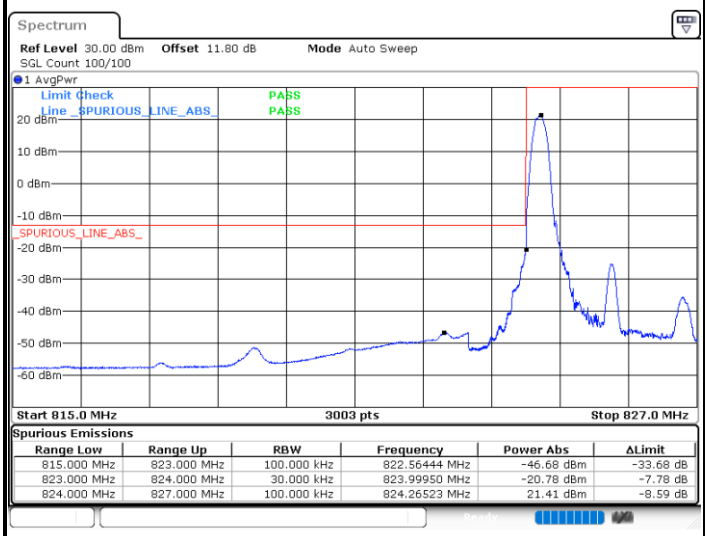
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
847.000 MHz	849.000 MHz	100.000 kHz	848.39760 MHz	12.40 dBm	-17.60 dB
849.000 MHz	850.000 MHz	20.000 kHz	849.00050 MHz	-27.62 dBm	-14.62 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-40.27 dBm	-27.27 dB

Date: 6.JAN.2018 01:41:47

LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB

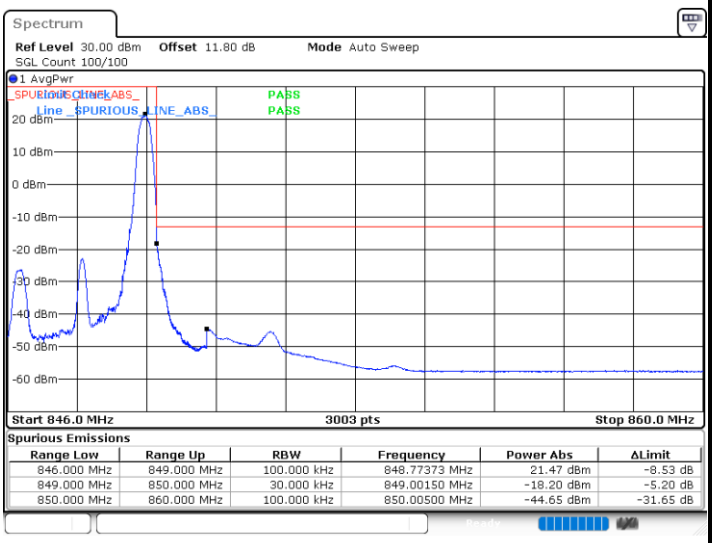


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.56444 MHz	-46.68 dBm	-33.68 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-20.78 dBm	-7.78 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.26523 MHz	21.41 dBm	-8.59 dB

Date: 6.JAN.2018 00:26:47

Highest Band Edge / 1 RB

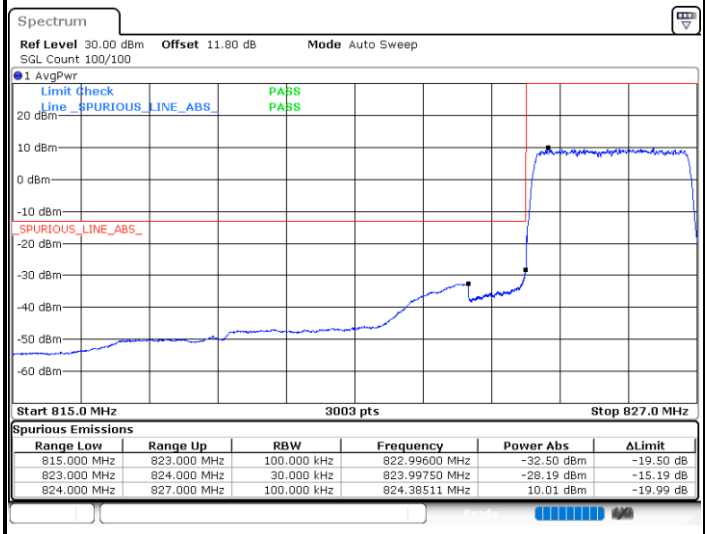


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.77373 MHz	21.47 dBm	-8.53 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-18.20 dBm	-5.20 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.00500 MHz	-44.65 dBm	-31.65 dB

Date: 6.JAN.2018 00:38:10

Lowest Band Edge / Full RB

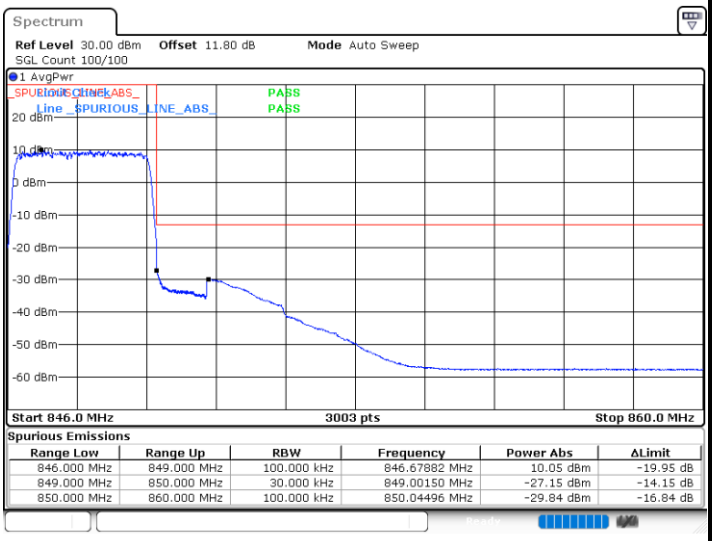


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.99600 MHz	-32.50 dBm	-19.50 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99750 MHz	-28.19 dBm	-15.19 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.38511 MHz	10.01 dBm	-19.99 dB

Date: 6.JAN.2018 00:30:03

Highest Band Edge / Full RB



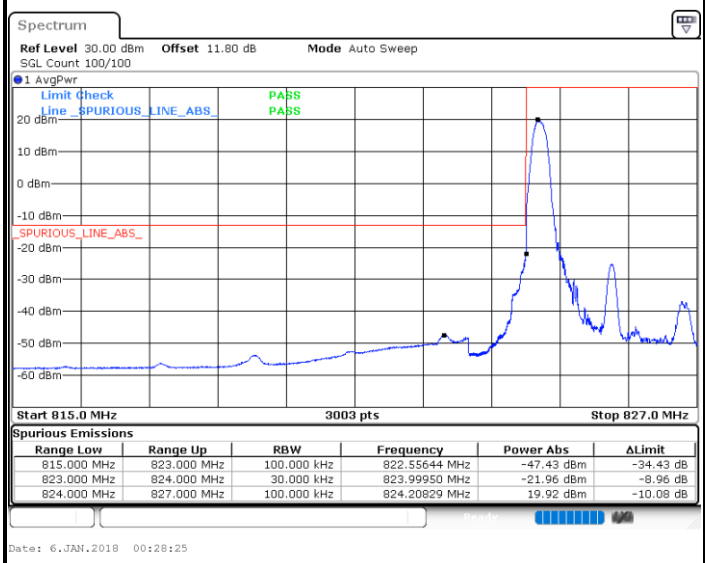
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	846.67882 MHz	10.05 dBm	-19.95 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00150 MHz	-27.15 dBm	-14.15 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-29.84 dBm	-16.84 dB

Date: 6.JAN.2018 00:41:26

LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

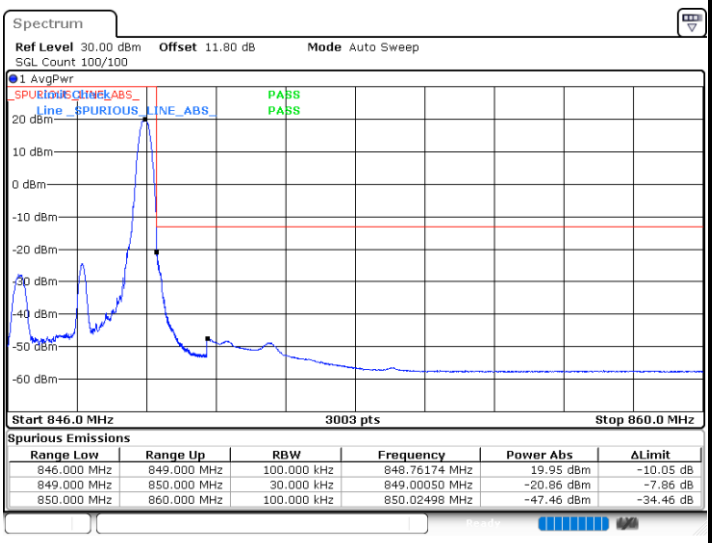


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.55644 MHz	-47.43 dBm	-34.43 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99950 MHz	-21.96 dBm	-8.96 dB
824.000 MHz	827.000 MHz	100.000 kHz	824.20829 MHz	19.92 dBm	-10.08 dB

Date: 6.JAN.2018 00:28:25

Highest Band Edge /1 RB

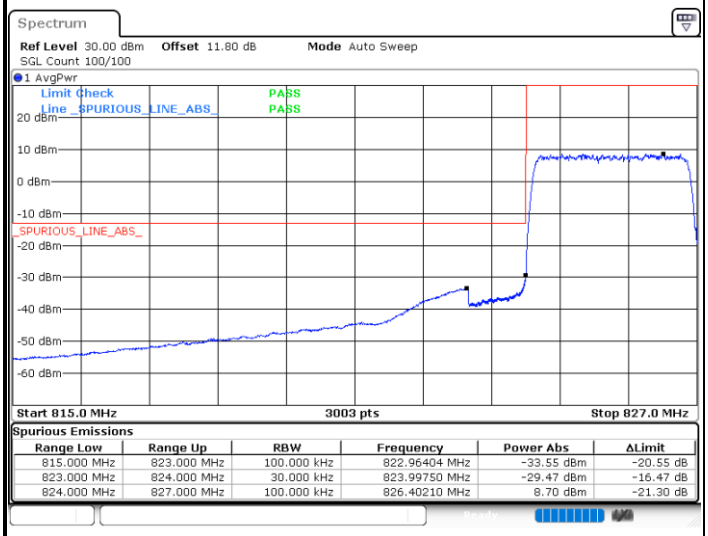


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.76174 MHz	19.95 dBm	-10.05 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-20.86 dBm	-7.86 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-47.46 dBm	-34.46 dB

Date: 6.JAN.2018 00:39:48

Lowest Band Edge / Full RB

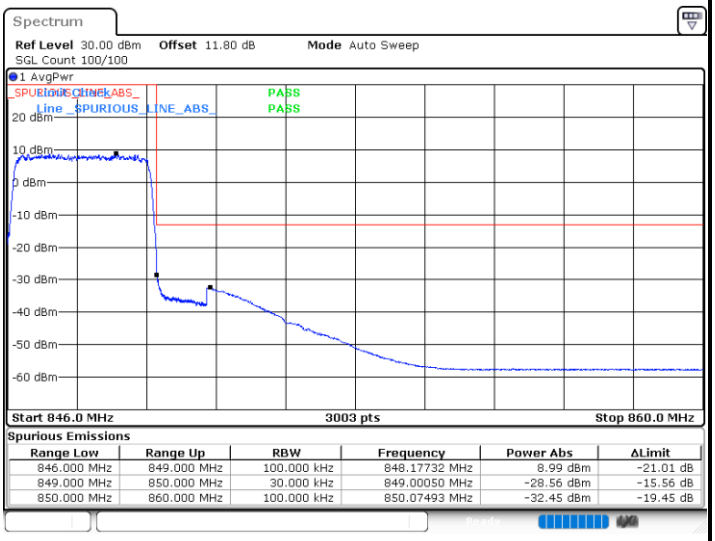


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.96404 MHz	-33.55 dBm	-20.55 dB
823.000 MHz	824.000 MHz	30.000 kHz	823.99750 MHz	-29.47 dBm	-16.47 dB
824.000 MHz	827.000 MHz	100.000 kHz	826.40210 MHz	8.70 dBm	-21.30 dB

Date: 6.JAN.2018 00:31:41

Highest Band Edge / Full RB



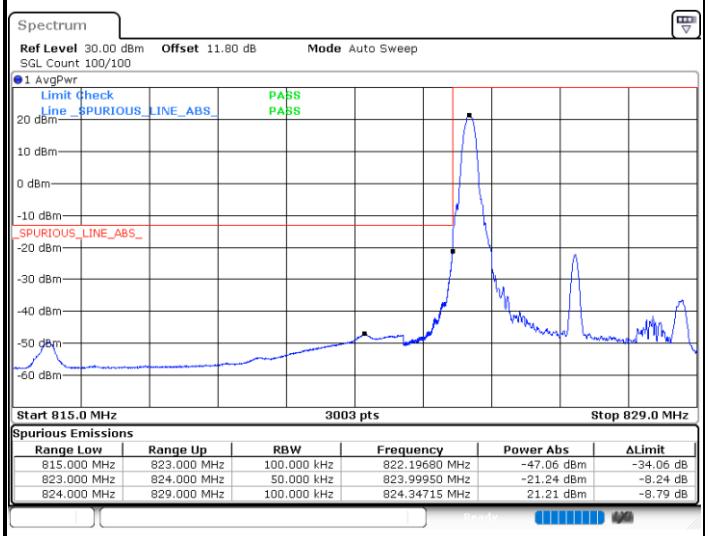
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
846.000 MHz	849.000 MHz	100.000 kHz	848.17732 MHz	8.99 dBm	-21.01 dB
849.000 MHz	850.000 MHz	30.000 kHz	849.00050 MHz	-28.56 dBm	-15.56 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-32.45 dBm	-19.45 dB

Date: 6.JAN.2018 00:43:04

LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB

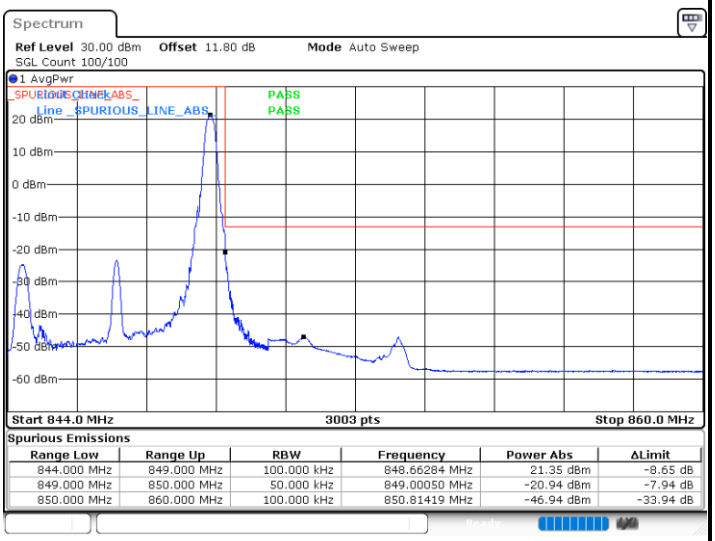


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.19680 MHz	-47.06 dBm	-34.06 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-21.24 dBm	-8.24 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.34715 MHz	21.21 dBm	-8.79 dB

Date: 6.JAN.2018 00:47:07

Highest Band Edge / 1 RB

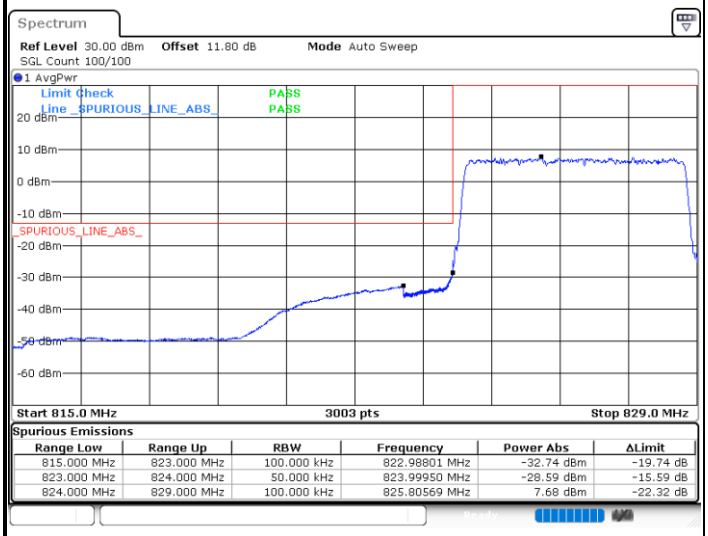


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.66284 MHz	21.35 dBm	-8.65 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00050 MHz	-20.94 dBm	-7.94 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.81419 MHz	-46.94 dBm	-33.94 dB

Date: 6.JAN.2018 00:58:30

Lowest Band Edge / Full RB

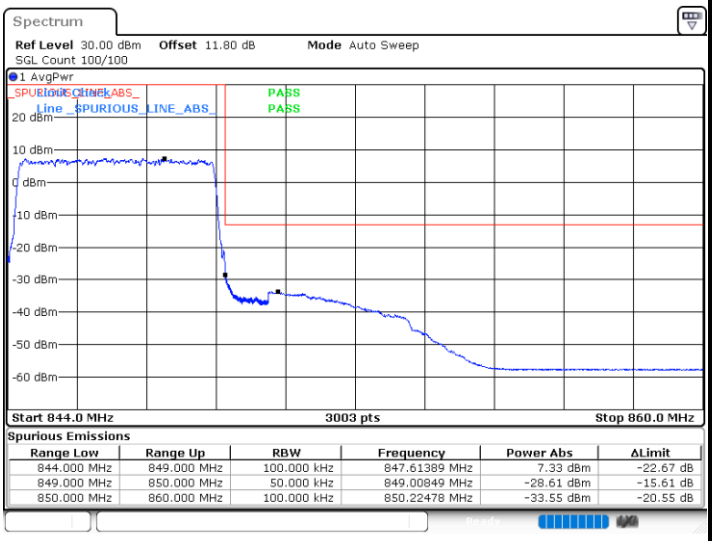


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-32.74 dBm	-19.74 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99950 MHz	-28.59 dBm	-15.59 dB
824.000 MHz	829.000 MHz	100.000 kHz	825.80569 MHz	7.68 dBm	-22.32 dB

Date: 6.JAN.2018 00:50:23

Highest Band Edge / Full RB



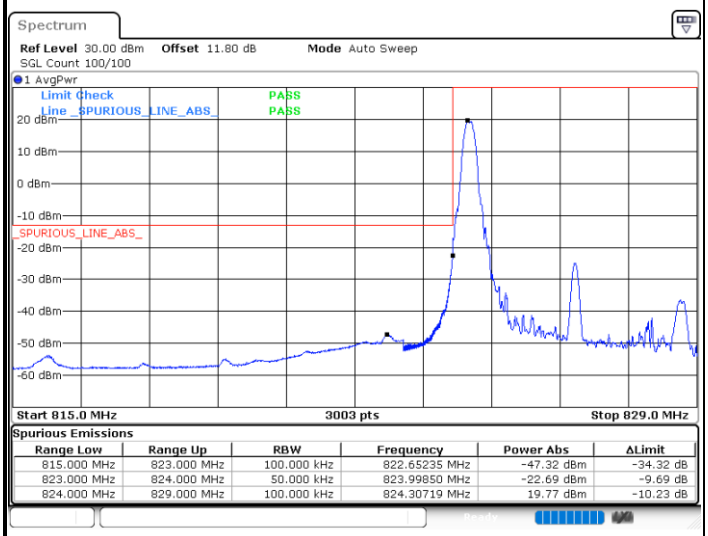
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	847.61389 MHz	7.33 dBm	-22.67 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00849 MHz	-28.61 dBm	-15.61 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.22478 MHz	-33.55 dBm	-20.55 dB

Date: 6.JAN.2018 01:01:46

LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB

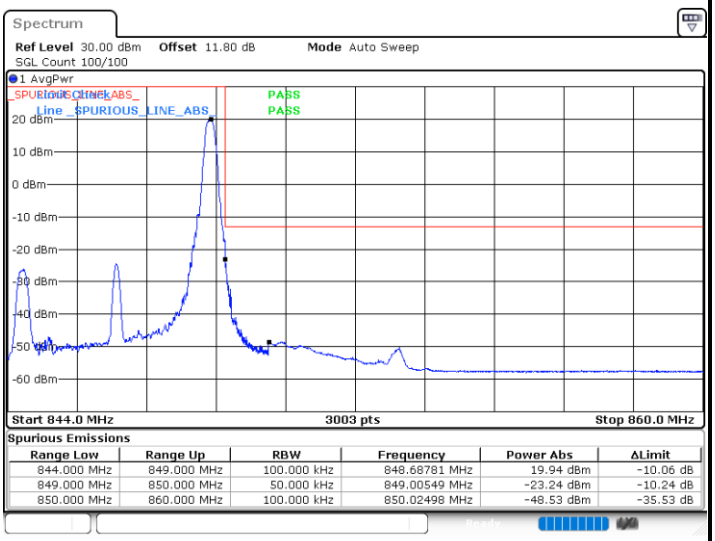


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.65235 MHz	-47.32 dBm	-34.32 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99850 MHz	-22.69 dBm	-9.69 dB
824.000 MHz	829.000 MHz	100.000 kHz	824.30719 MHz	19.77 dBm	-10.23 dB

Date: 6.JAN.2018 00:48:45

Highest Band Edge / 1 RB

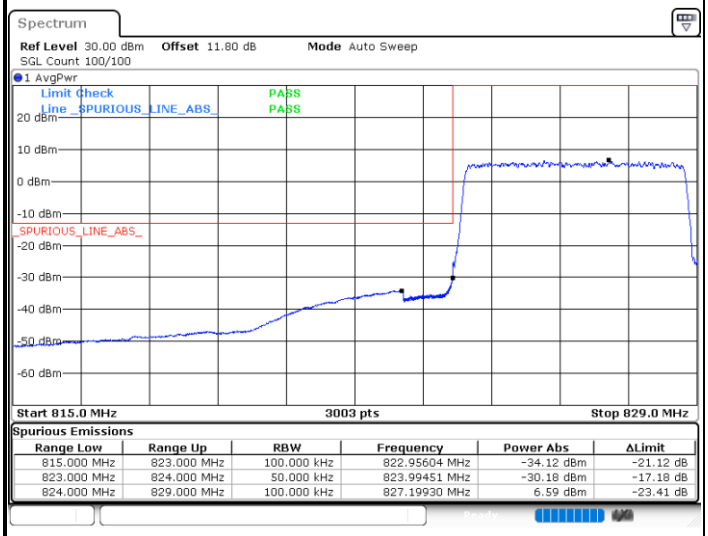


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	848.68781 MHz	19.94 dBm	-10.06 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-23.24 dBm	-10.24 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.02498 MHz	-48.53 dBm	-35.53 dB

Date: 6.JAN.2018 01:00:08

Lowest Band Edge / Full RB

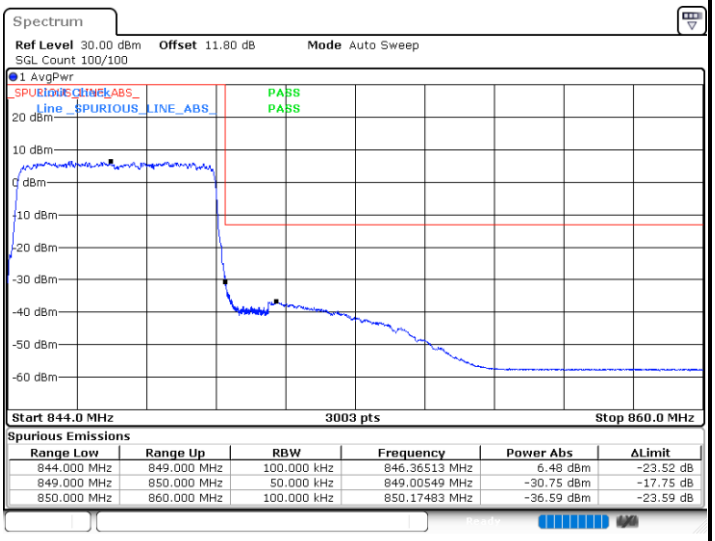


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.95604 MHz	-34.12 dBm	-21.12 dB
823.000 MHz	824.000 MHz	50.000 kHz	823.99451 MHz	-30.18 dBm	-17.18 dB
824.000 MHz	829.000 MHz	100.000 kHz	827.19930 MHz	6.59 dBm	-23.41 dB

Date: 6.JAN.2018 00:52:01

Highest Band Edge / Full RB



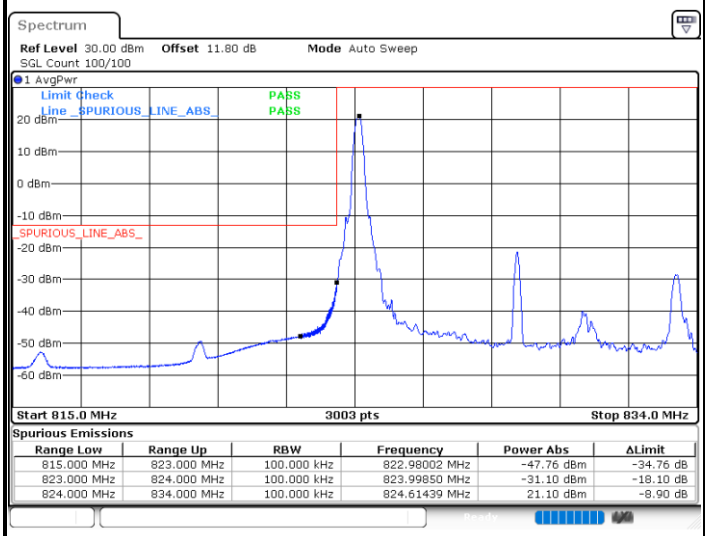
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
844.000 MHz	849.000 MHz	100.000 kHz	846.36513 MHz	6.48 dBm	-23.52 dB
849.000 MHz	850.000 MHz	50.000 kHz	849.00549 MHz	-30.75 dBm	-17.75 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.17483 MHz	-36.59 dBm	-23.59 dB

Date: 6.JAN.2018 01:03:24

LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB

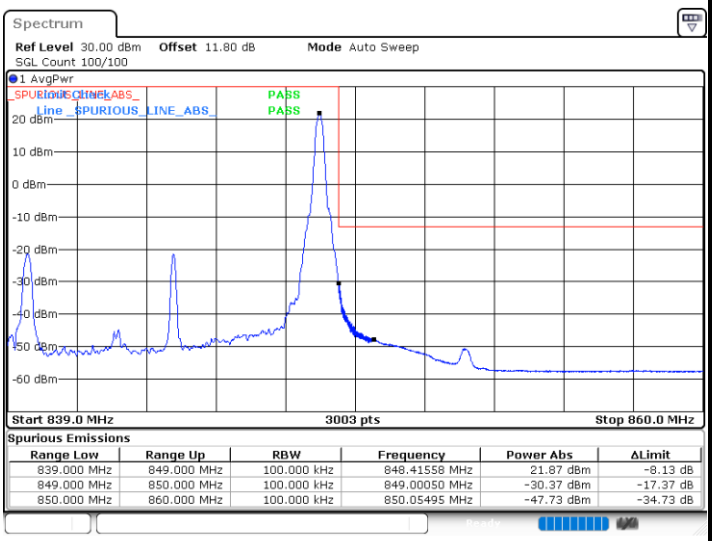


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98002 MHz	-47.76 dBm	-34.76 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99850 MHz	-31.10 dBm	-18.10 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.61439 MHz	21.10 dBm	-8.90 dB

Date: 6.JAN.2018 01:07:27

Highest Band Edge / 1 RB

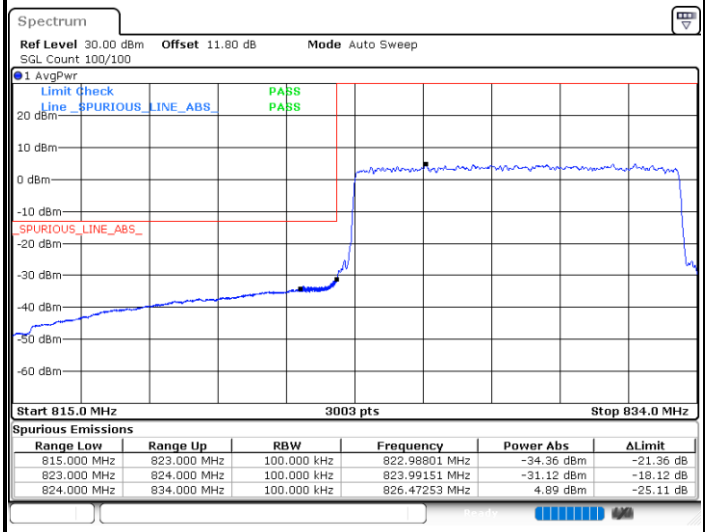


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.41558 MHz	21.87 dBm	-8.13 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00050 MHz	-30.37 dBm	-17.37 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.05495 MHz	-47.73 dBm	-34.73 dB

Date: 6.JAN.2018 01:18:50

Lowest Band Edge / Full RB

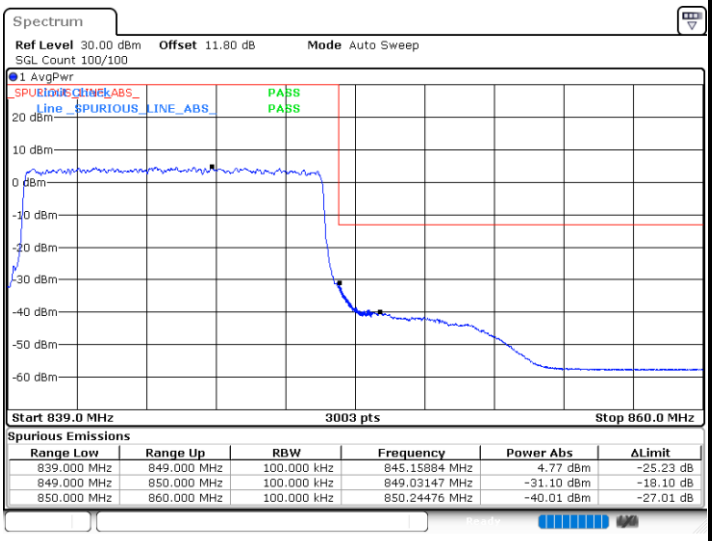


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.98801 MHz	-34.36 dBm	-21.36 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99151 MHz	-31.12 dBm	-18.12 dB
824.000 MHz	834.000 MHz	100.000 kHz	826.47253 MHz	4.89 dBm	-25.11 dB

Date: 6.JAN.2018 01:10:43

Highest Band Edge / Full RB



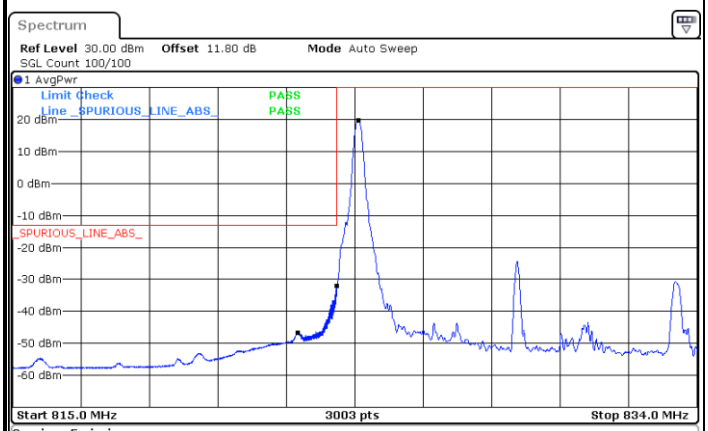
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	845.15884 MHz	4.77 dBm	-25.23 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.03147 MHz	-31.10 dBm	-18.10 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.24476 MHz	-40.01 dBm	-27.01 dB

Date: 6.JAN.2018 01:22:06

LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

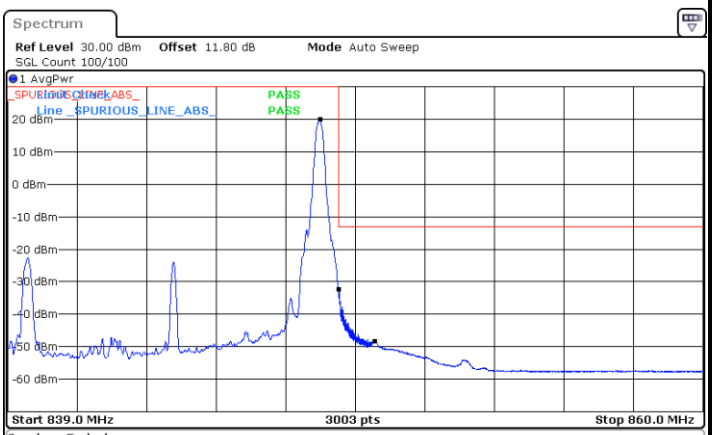


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90809 MHz	-46.82 dBm	-33.82 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99151 MHz	-32.00 dBm	-19.00 dB
824.000 MHz	834.000 MHz	100.000 kHz	824.60440 MHz	19.75 dBm	-10.25 dB

Date: 6.JAN.2018 01:09:05

Highest Band Edge / 1 RB

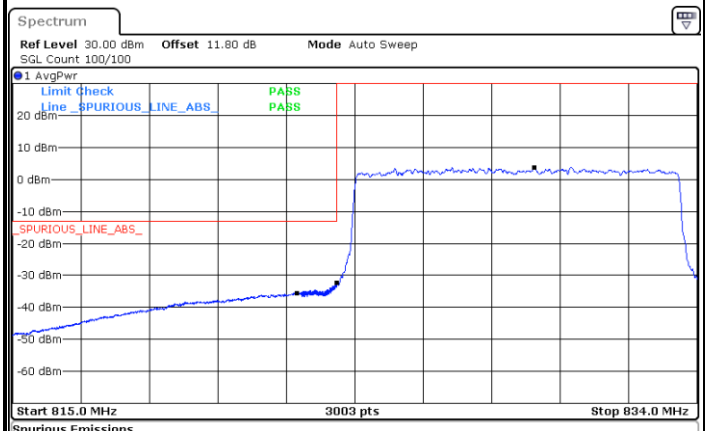


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	848.42557 MHz	20.01 dBm	-9.99 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00250 MHz	-32.24 dBm	-19.24 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.07493 MHz	-48.27 dBm	-35.27 dB

Date: 6.JAN.2018 01:20:28

Lowest Band Edge / Full RB

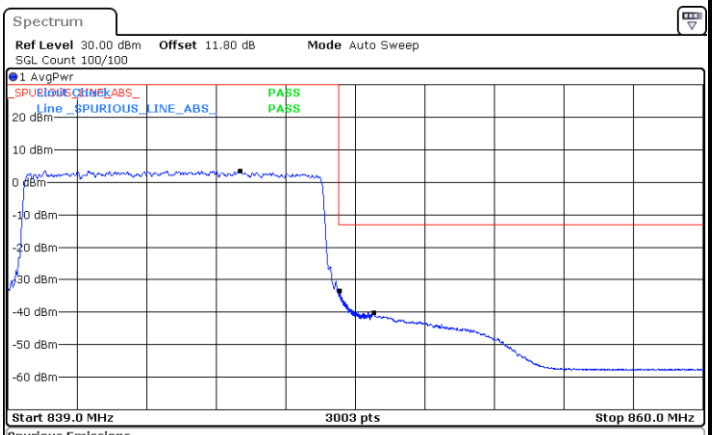


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
815.000 MHz	823.000 MHz	100.000 kHz	822.90010 MHz	-35.54 dBm	-22.54 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99950 MHz	-32.28 dBm	-19.28 dB
824.000 MHz	834.000 MHz	100.000 kHz	829.47952 MHz	3.81 dBm	-26.19 dB

Date: 6.JAN.2018 01:12:21

Highest Band Edge / Full RB



Spurious Emissions

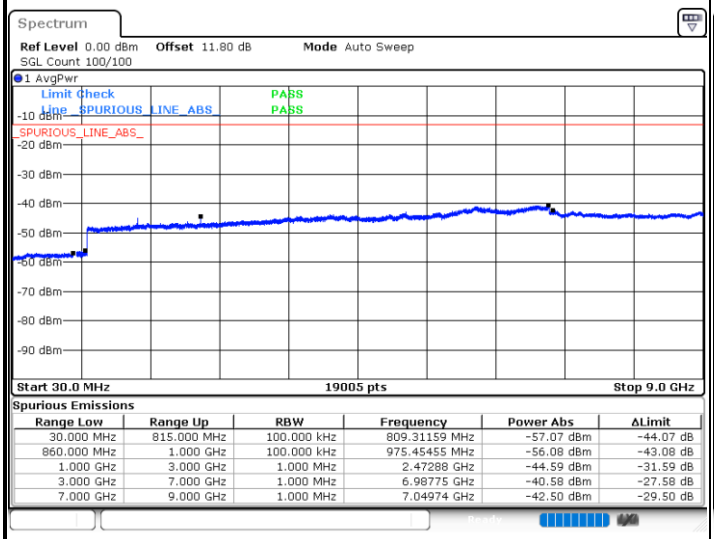
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	846.01798 MHz	3.48 dBm	-26.52 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00849 MHz	-33.37 dBm	-20.37 dB
850.000 MHz	860.000 MHz	100.000 kHz	850.04496 MHz	-40.26 dBm	-27.26 dB

Date: 6.JAN.2018 01:23:44

Conducted Spurious Emission

LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

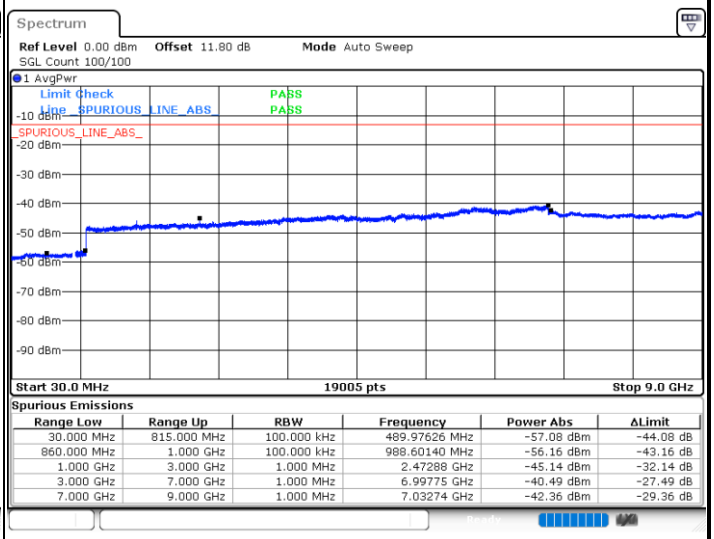


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	809.31159 MHz	-57.07 dBm	-44.07 dB
860.000 MHz	1.000 GHz	100.000 kHz	975.45455 MHz	-56.08 dBm	-43.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47288 GHz	-44.59 dBm	-31.59 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-40.58 dBm	-27.58 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04974 GHz	-42.50 dBm	-29.50 dB

Date: 6.JAN.2018 01:34:33

Lowest Channel / 16QAM

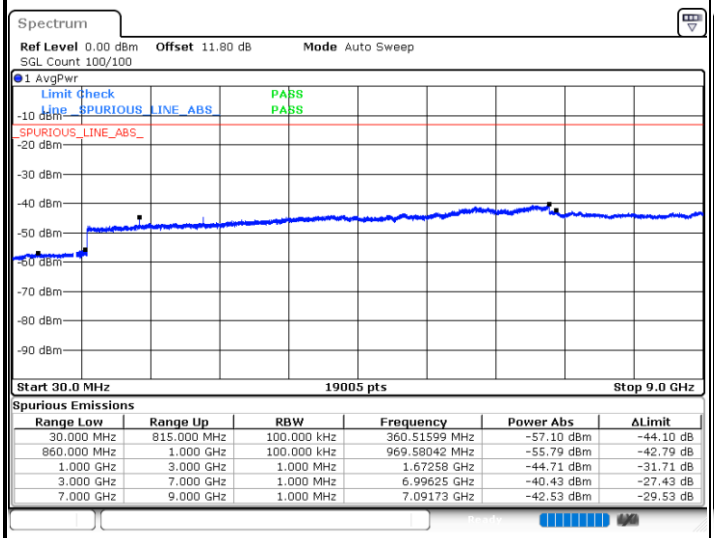


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	489.97626 MHz	-57.08 dBm	-44.08 dB
860.000 MHz	1.000 GHz	100.000 kHz	988.60140 MHz	-56.16 dBm	-43.16 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47288 GHz	-45.14 dBm	-32.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-40.49 dBm	-27.49 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03274 GHz	-42.36 dBm	-29.36 dB

Date: 6.JAN.2018 01:35:26

Middle Channel / QPSK

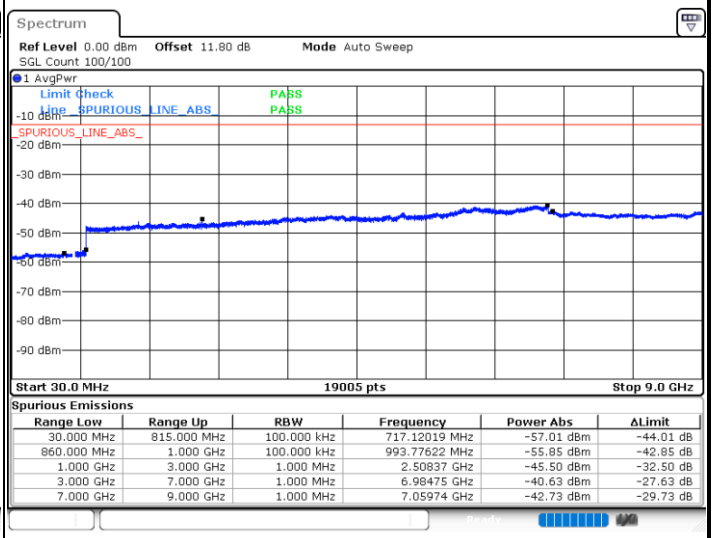


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	360.51599 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.58042 MHz	-55.79 dBm	-42.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67258 GHz	-44.71 dBm	-31.71 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99625 GHz	-40.43 dBm	-27.43 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.09173 GHz	-42.53 dBm	-29.53 dB

Date: 6.JAN.2018 01:36:59

Middle Channel / 16QAM



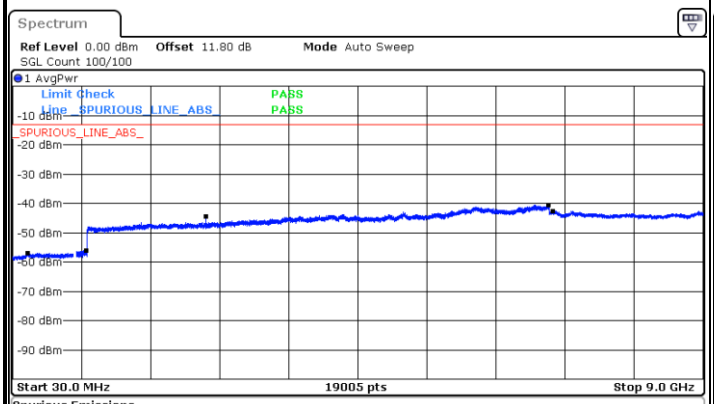
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	717.12019 MHz	-57.01 dBm	-44.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.77622 MHz	-55.85 dBm	-42.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50837 GHz	-45.50 dBm	-32.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98475 GHz	-40.63 dBm	-27.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.05974 GHz	-42.73 dBm	-29.73 dB

Date: 6.JAN.2018 01:37:52

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

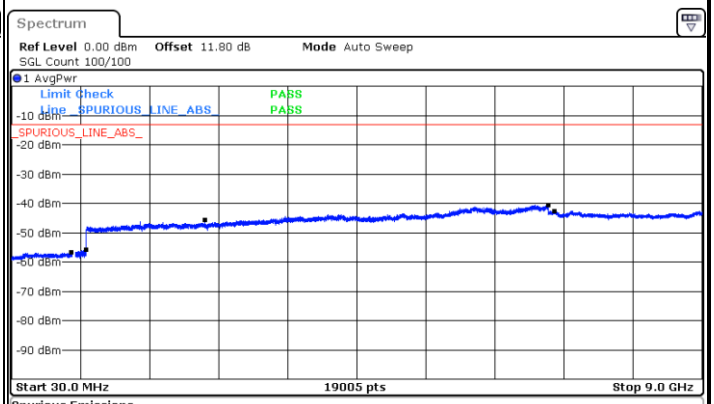


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	221.64043 MHz	-56.88 dBm	-43.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	987.62238 MHz	-55.99 dBm	-42.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54386 GHz	-44.62 dBm	-31.62 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-40.52 dBm	-27.52 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04324 GHz	-42.62 dBm	-29.62 dB

Date: 6.JAN.2018 01:45:56

Highest Channel / 16QAM



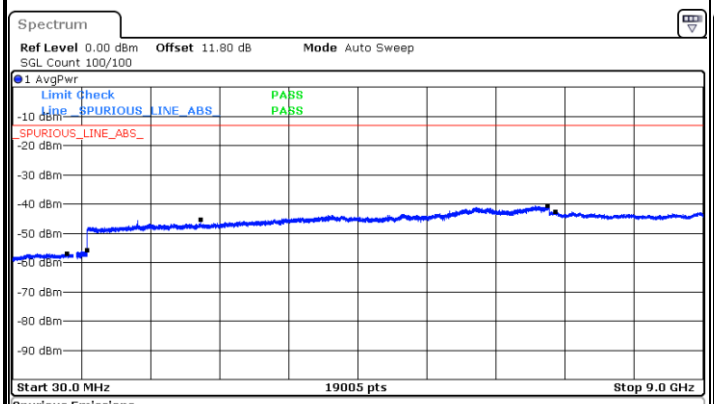
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	803.03473 MHz	-56.74 dBm	-43.74 dB
860.000 MHz	1.000 GHz	100.000 kHz	997.41259 MHz	-55.90 dBm	-42.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.54386 GHz	-45.80 dBm	-32.80 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-40.61 dBm	-27.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.07773 GHz	-42.65 dBm	-29.65 dB

Date: 6.JAN.2018 01:46:49

LTE Band 5 / 3MHz

Lowest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	738.30460 MHz	-57.01 dBm	-44.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	997.83217 MHz	-55.96 dBm	-42.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47338 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97775 GHz	-40.64 dBm	-27.64 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08273 GHz	-42.66 dBm	-29.66 dB

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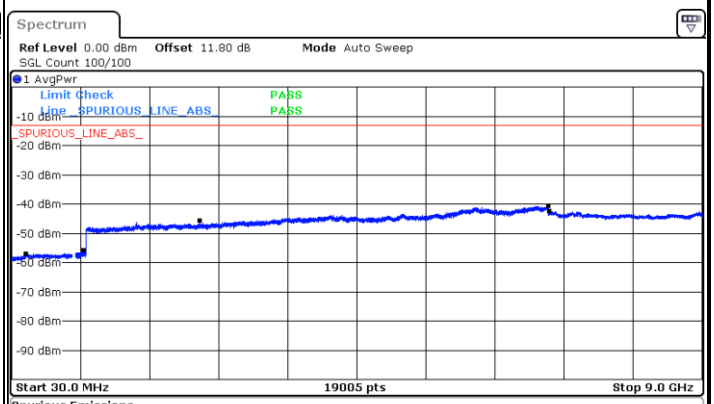
Lowest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	212.61744 MHz	-57.03 dBm	-44.03 dB
860.000 MHz	1.000 GHz	100.000 kHz	962.44755 MHz	-55.95 dBm	-42.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47288 GHz	-45.64 dBm	-32.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99675 GHz	-40.46 dBm	-27.46 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.01775 GHz	-42.50 dBm	-29.50 dB

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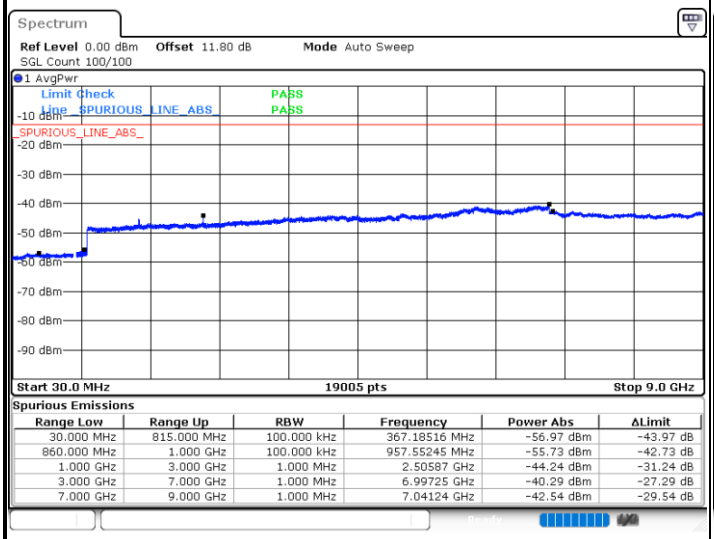
LTE Band 5 / 3MHz

Middle Channel / QPSK

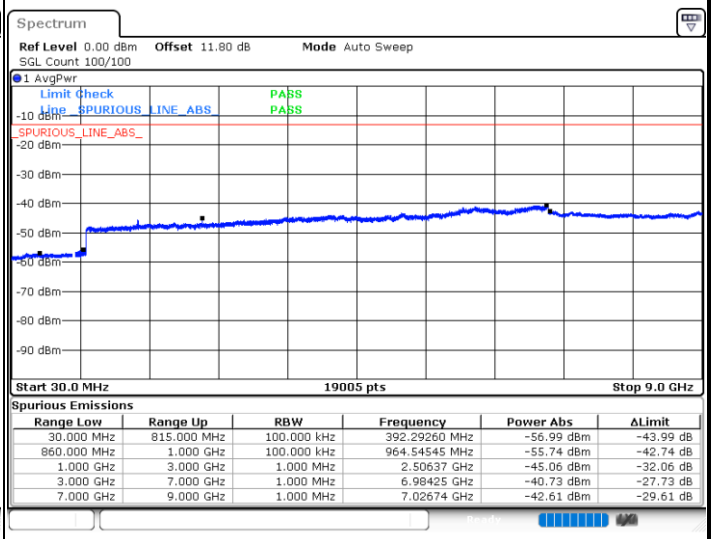


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	367.18516 MHz	-56.97 dBm	-43.97 dB
860.000 MHz	1.000 GHz	100.000 kHz	957.55245 MHz	-55.73 dBm	-42.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50587 GHz	-44.24 dBm	-31.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-40.29 dBm	-27.29 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04124 GHz	-42.54 dBm	-29.54 dB

Date: 6.JAN.2018 00:35:00

Middle Channel / 16QAM

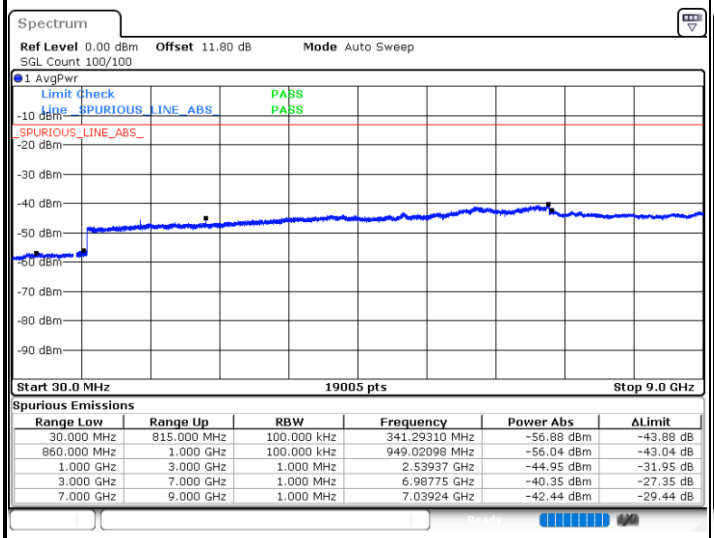


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	392.29260 MHz	-56.99 dBm	-43.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	964.54545 MHz	-55.74 dBm	-42.74 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50637 GHz	-45.06 dBm	-32.06 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-40.73 dBm	-27.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.02674 GHz	-42.61 dBm	-29.61 dB

Date: 6.JAN.2018 00:35:53

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	341.29310 MHz	-56.88 dBm	-43.88 dB
860.000 MHz	1.000 GHz	100.000 kHz	949.02098 MHz	-56.04 dBm	-43.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53937 GHz	-44.95 dBm	-31.95 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-40.35 dBm	-27.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03924 GHz	-42.44 dBm	-29.44 dB

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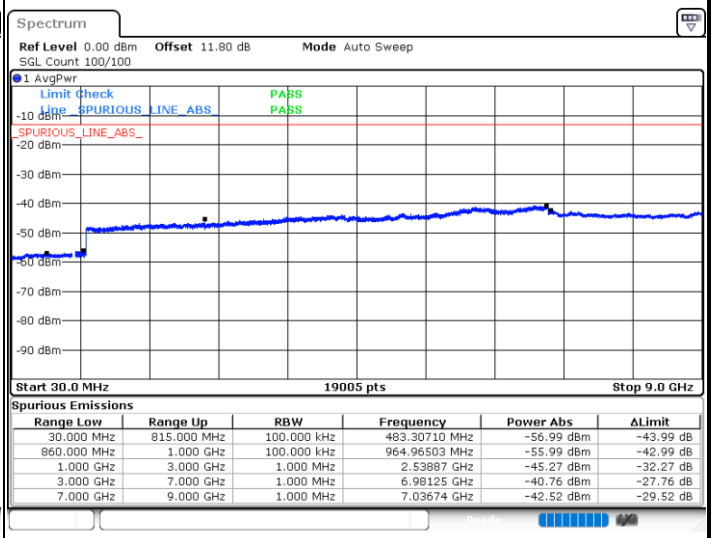
Highest Channel / 16QAM



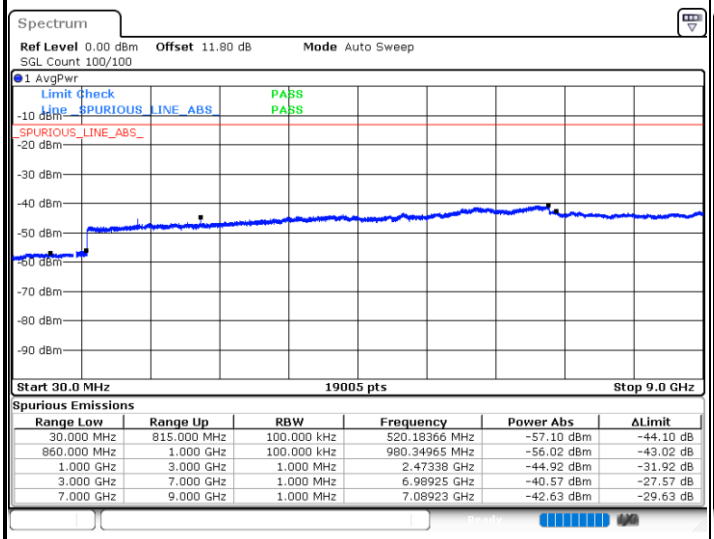
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	483.30710 MHz	-56.99 dBm	-43.99 dB
860.000 MHz	1.000 GHz	100.000 kHz	964.96503 MHz	-55.99 dBm	-42.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.53887 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98125 GHz	-40.76 dBm	-27.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.03674 GHz	-42.52 dBm	-29.52 dB

Date: 6.JAN.2018 00:44:50

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	520.18366 MHz	-57.10 dBm	-44.10 dB
860.000 MHz	1.000 GHz	100.000 kHz	980.34965 MHz	-56.02 dBm	-43.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47338 GHz	-44.92 dBm	-31.92 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-40.57 dBm	-27.57 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08923 GHz	-42.63 dBm	-29.63 dB

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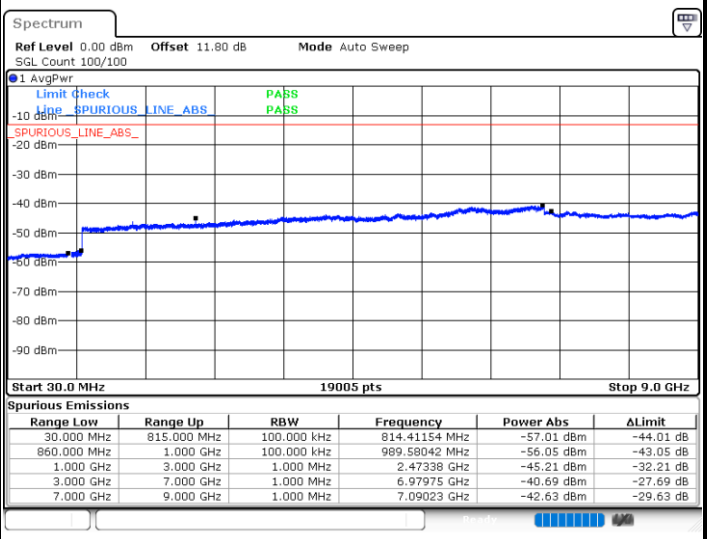
Lowest Channel / 16QAM

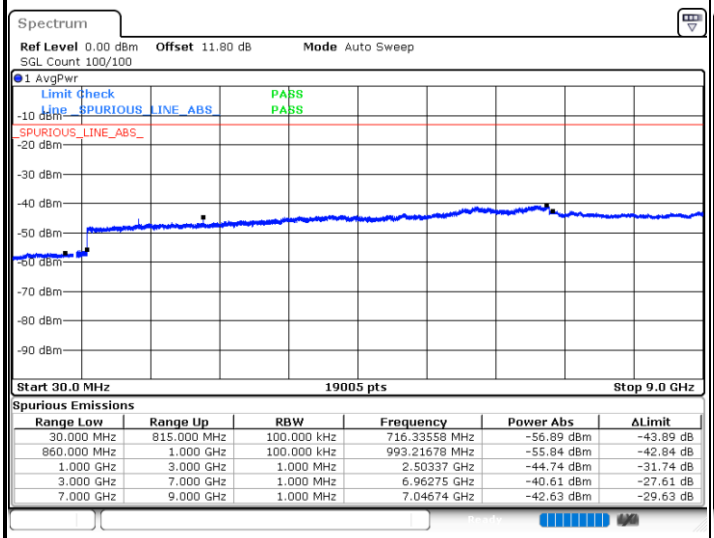


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.01 dBm	-44.01 dB
860.000 MHz	1.000 GHz	100.000 kHz	989.58042 MHz	-56.05 dBm	-43.05 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.47338 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97975 GHz	-40.69 dBm	-27.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.09023 GHz	-42.63 dBm	-29.63 dB

Date: 6.JAN.2018 00:53:48

Middle Channel / QPSK

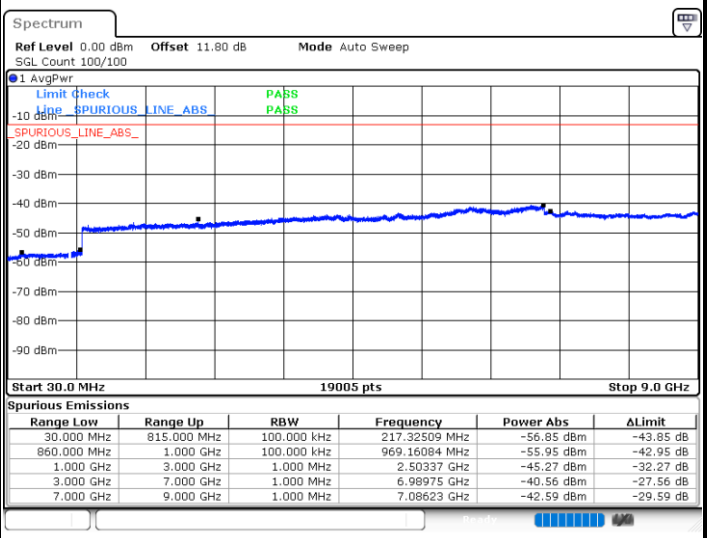


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	716.33558 MHz	-56.89 dBm	-43.89 dB
860.000 MHz	1.000 GHz	100.000 kHz	993.21678 MHz	-55.84 dBm	-42.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50337 GHz	-44.74 dBm	-31.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96275 GHz	-40.61 dBm	-27.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.04674 GHz	-42.63 dBm	-29.63 dB

Date: 6.JAN.2018 00:55:20

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	217.32509 MHz	-56.85 dBm	-43.85 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.16084 MHz	-55.95 dBm	-42.95 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.50337 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-40.56 dBm	-27.56 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.08623 GHz	-42.59 dBm	-29.59 dB

Date: 6.JAN.2018 00:56:13