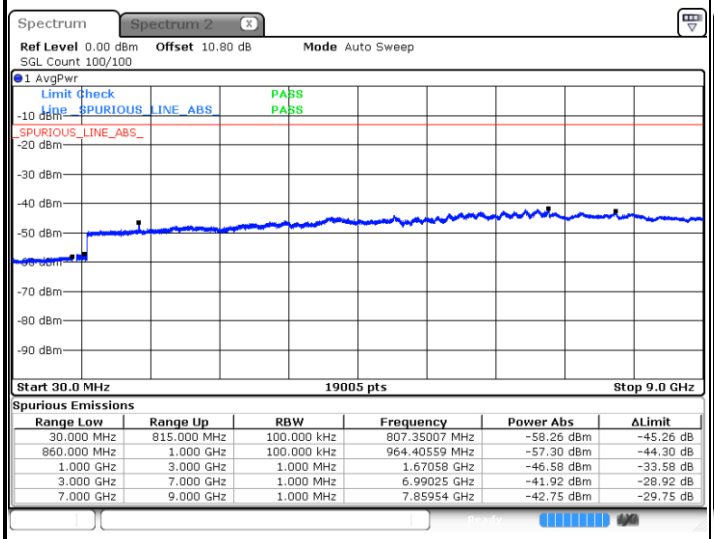
LTE Band 5 / 3MHz

Middle Channel / QPSK

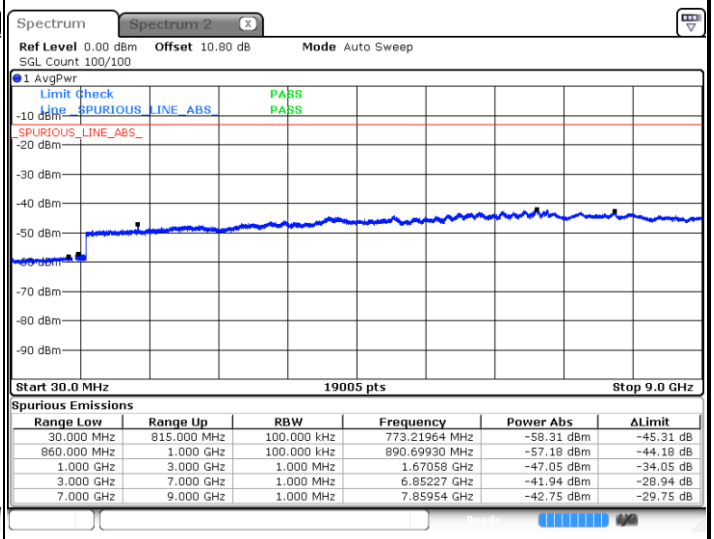


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	807.35007 MHz	-58.26 dBm	-45.26 dB
860.000 MHz	1.000 GHz	100.000 kHz	964.40559 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-46.58 dBm	-33.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.92 dBm	-28.92 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.75 dBm	-29.75 dB

Date: 9.AUG.2017 01:15:49

Middle Channel / 16QAM

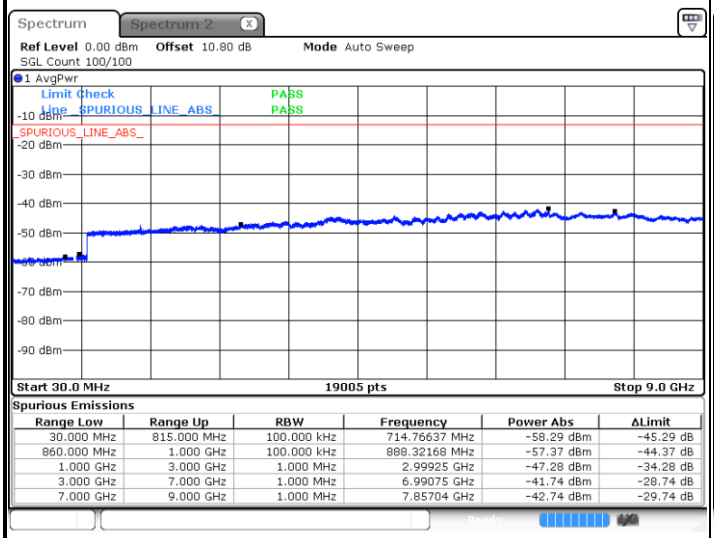


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	773.21964 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.69930 MHz	-57.18 dBm	-44.18 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67058 GHz	-47.05 dBm	-34.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85227 GHz	-41.94 dBm	-28.94 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.75 dBm	-29.75 dB

Date: 9.AUG.2017 01:16:42

Highest Channel / QPSK

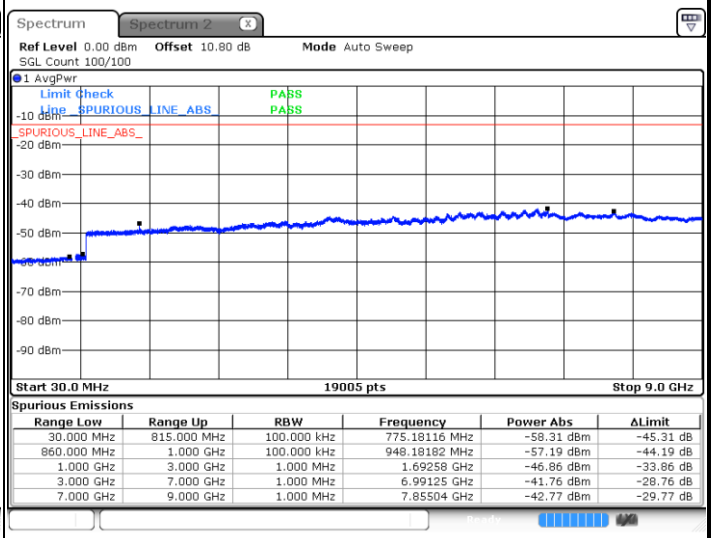


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	714.76637 MHz	-58.29 dBm	-45.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.32168 MHz	-57.37 dBm	-44.37 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99925 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.74 dBm	-28.74 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.74 dBm	-29.74 dB

Date: 9.AUG.2017 01:24:51

Highest Channel / 16QAM



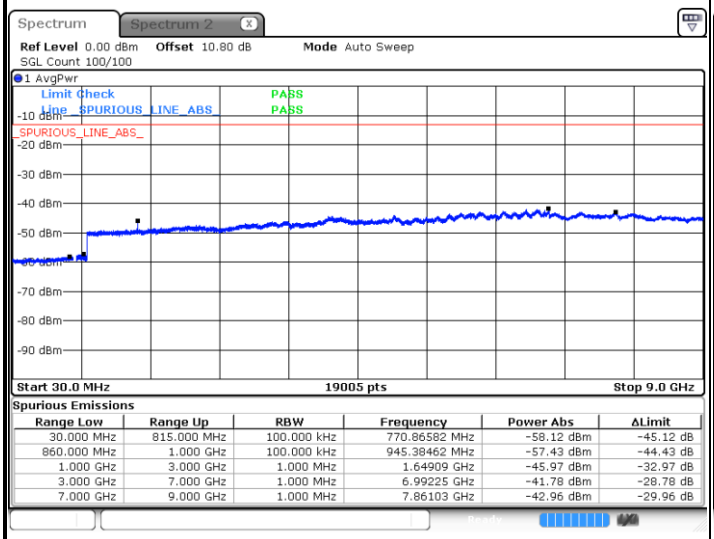
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	775.18116 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	948.18182 MHz	-57.19 dBm	-44.19 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.69258 GHz	-46.86 dBm	-33.86 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99125 GHz	-41.76 dBm	-28.76 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-42.77 dBm	-29.77 dB

Date: 9.AUG.2017 01:25:45

LTE Band 5 / 5MHz

Lowest Channel / QPSK

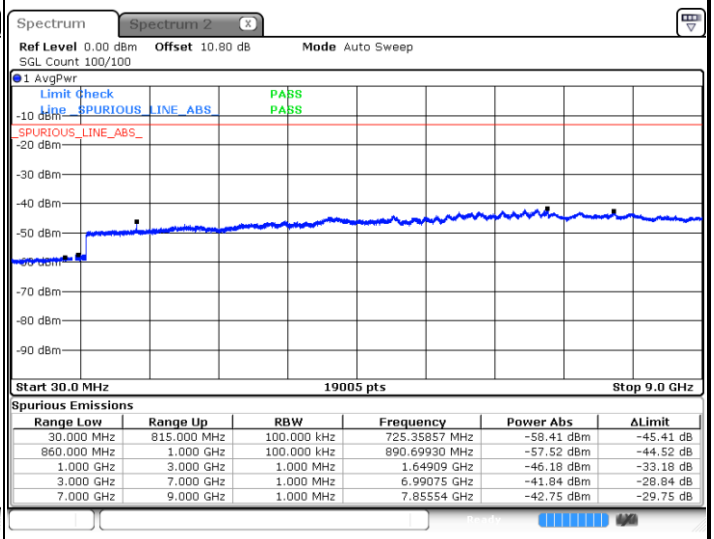


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	770.86582 MHz	-58.12 dBm	-45.12 dB
860.000 MHz	1.000 GHz	100.000 kHz	945.38462 MHz	-57.43 dBm	-44.43 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-45.97 dBm	-32.97 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99225 GHz	-41.78 dBm	-28.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-42.96 dBm	-29.96 dB

Date: 9.AUG.2017 01:33:54

Lowest Channel / 16QAM

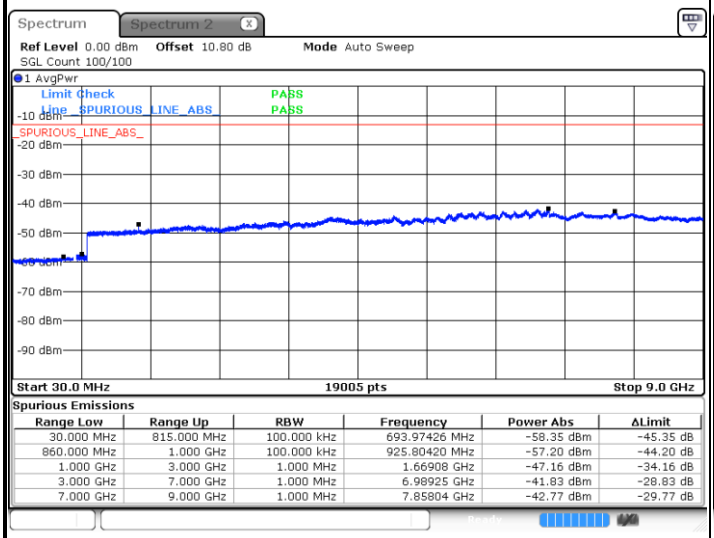


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	725.35857 MHz	-58.41 dBm	-45.41 dB
860.000 MHz	1.000 GHz	100.000 kHz	890.69930 MHz	-57.52 dBm	-44.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-46.18 dBm	-33.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.84 dBm	-28.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85554 GHz	-42.75 dBm	-29.75 dB

Date: 9.AUG.2017 01:34:47

Middle Channel / QPSK

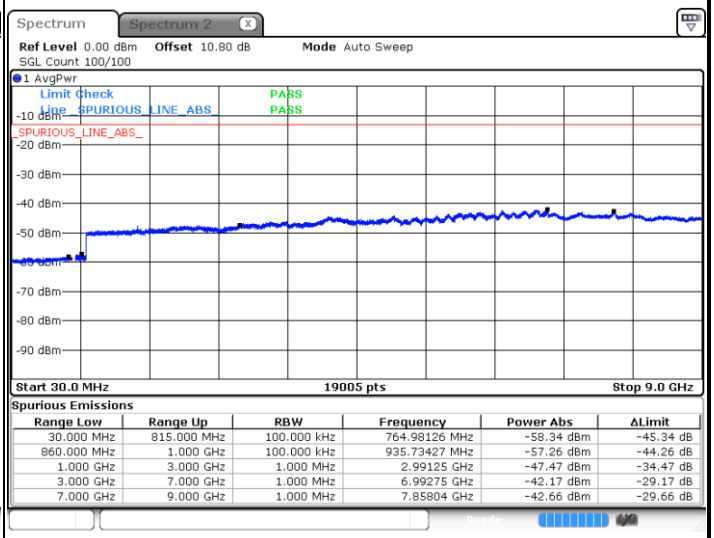


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	693.97426 MHz	-58.35 dBm	-45.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	925.80420 MHz	-57.20 dBm	-44.20 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66908 GHz	-47.16 dBm	-34.16 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.83 dBm	-28.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-42.77 dBm	-29.77 dB

Date: 9.AUG.2017 01:36:21

Middle Channel / 16QAM



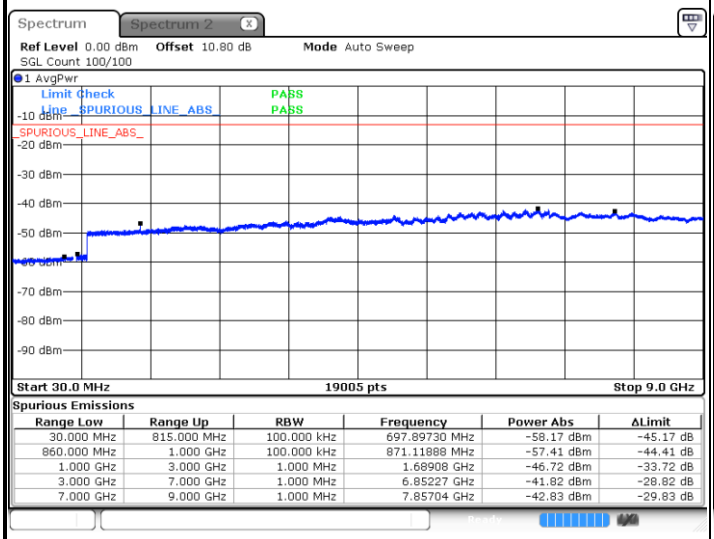
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	764.98126 MHz	-58.34 dBm	-45.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.73427 MHz	-57.26 dBm	-44.26 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99125 GHz	-47.47 dBm	-34.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-42.17 dBm	-29.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85804 GHz	-42.66 dBm	-29.66 dB

Date: 9.AUG.2017 01:37:15

LTE Band 5 / 5MHz

Highest Channel / QPSK

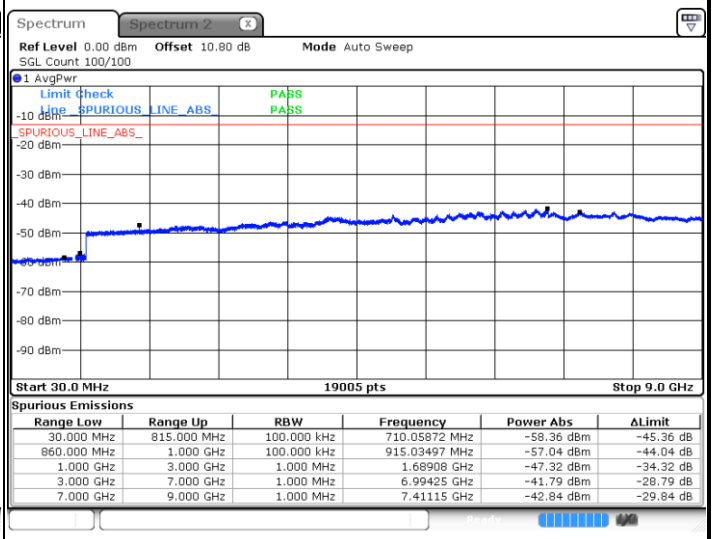


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	697.89730 MHz	-58.17 dBm	-45.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	871.11888 MHz	-57.41 dBm	-44.41 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-46.72 dBm	-33.72 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85227 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.83 dBm	-29.83 dB

Date: 9.AUG.2017 01:48:01

Highest Channel / 16QAM



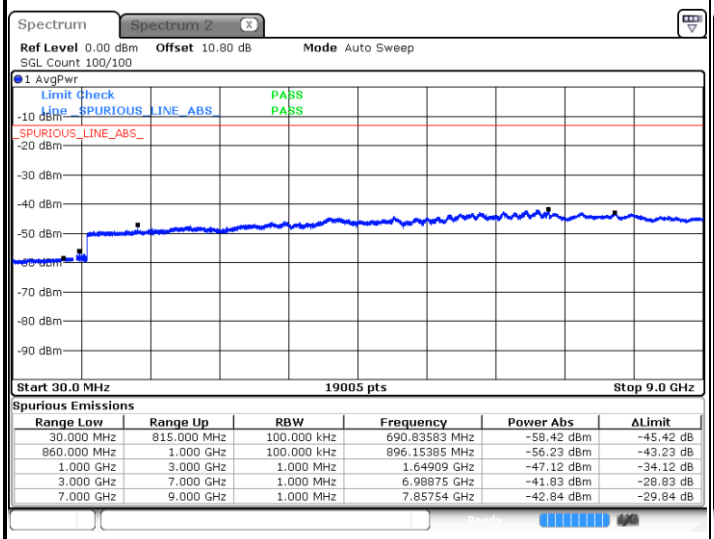
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	710.05872 MHz	-58.36 dBm	-45.36 dB
860.000 MHz	1.000 GHz	100.000 kHz	915.03497 MHz	-57.04 dBm	-44.04 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.68908 GHz	-47.32 dBm	-34.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-41.79 dBm	-28.79 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.41115 GHz	-42.84 dBm	-29.84 dB

Date: 9.AUG.2017 01:48:55

LTE Band 5 / 10MHz

Lowest Channel / QPSK

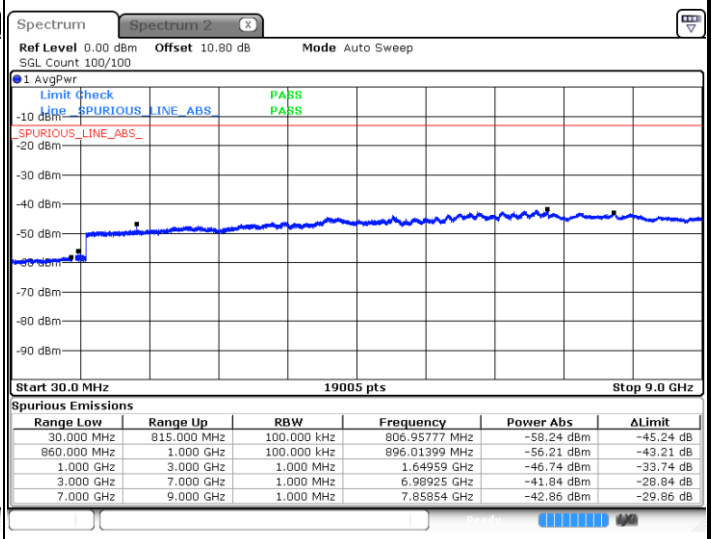


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	690.83583 MHz	-58.42 dBm	-45.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.15385 MHz	-56.23 dBm	-43.23 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64909 GHz	-47.12 dBm	-34.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-41.83 dBm	-28.83 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-42.84 dBm	-29.84 dB

Date: 9.AUG.2017 01:57:04

Lowest Channel / 16QAM



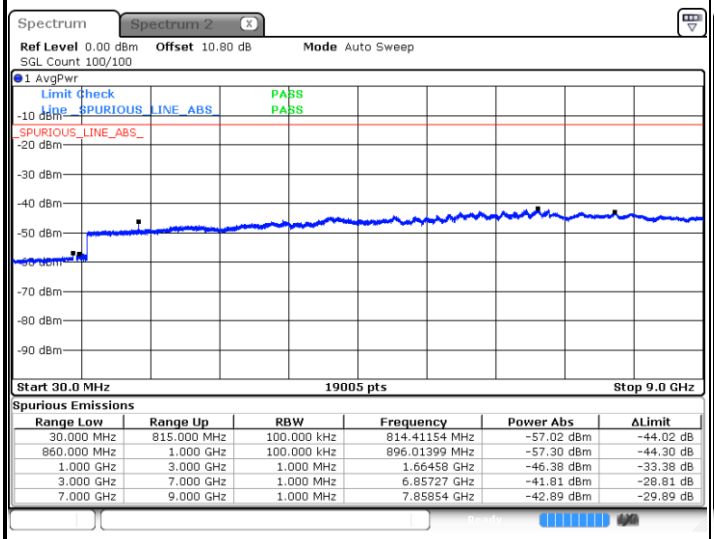
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	806.95777 MHz	-58.24 dBm	-45.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.01399 MHz	-56.21 dBm	-43.21 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.64959 GHz	-46.74 dBm	-33.74 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98925 GHz	-41.84 dBm	-28.84 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-42.86 dBm	-29.86 dB

Date: 9.AUG.2017 01:57:58

LTE Band 5 / 10MHz

Middle Channel / QPSK

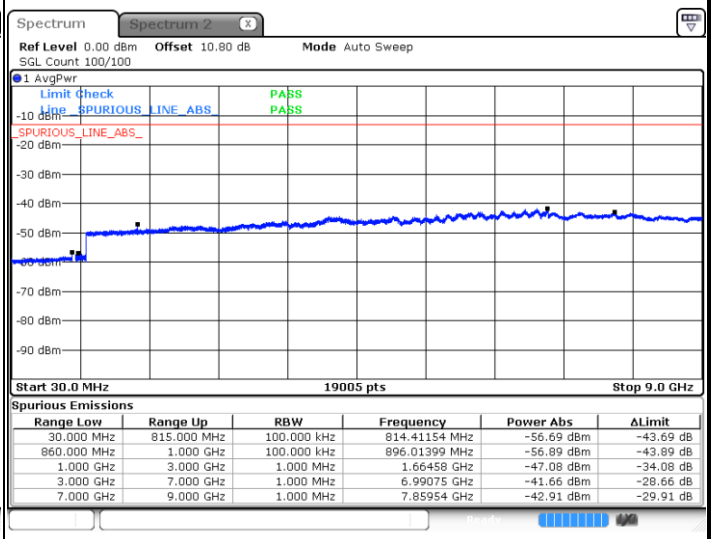


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-57.02 dBm	-44.02 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.01399 MHz	-57.30 dBm	-44.30 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-46.38 dBm	-33.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85727 GHz	-41.81 dBm	-28.81 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-42.89 dBm	-29.89 dB

Date: 9.AUG.2017 01:59:31

Middle Channel / 16QAM

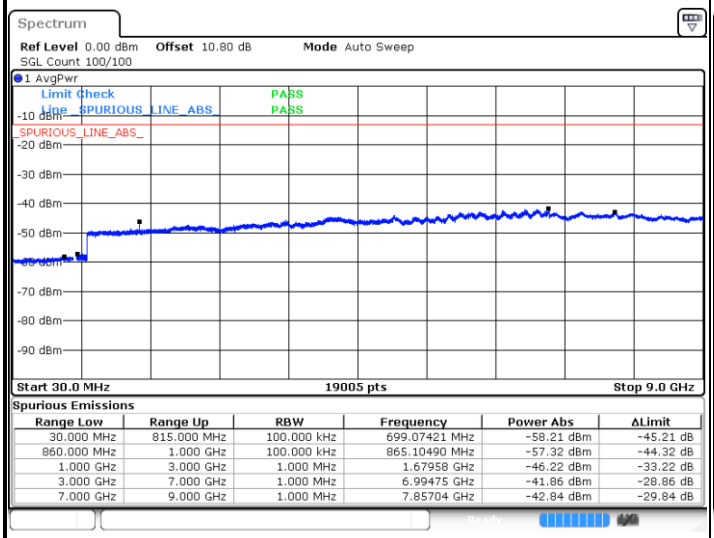


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-56.69 dBm	-43.69 dB
860.000 MHz	1.000 GHz	100.000 kHz	896.01399 MHz	-56.89 dBm	-43.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.66458 GHz	-47.08 dBm	-34.08 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.66 dBm	-28.66 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-42.91 dBm	-29.91 dB

Date: 9.AUG.2017 02:00:25

Highest Channel / QPSK

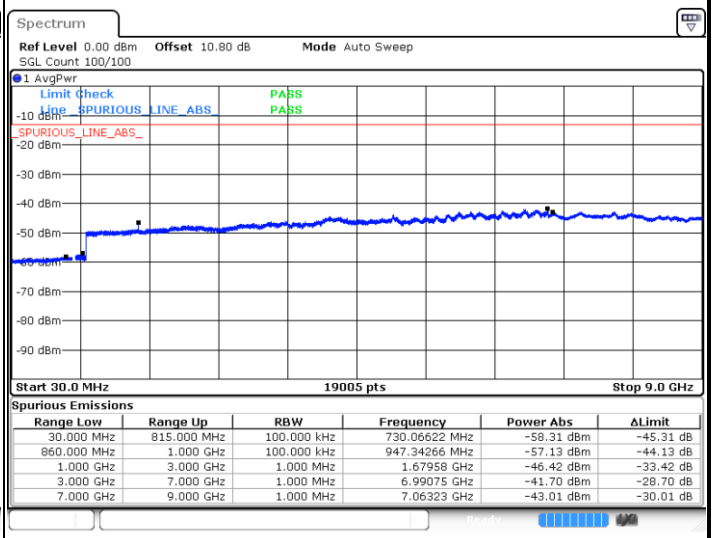


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	699.07421 MHz	-58.21 dBm	-45.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.10490 MHz	-57.32 dBm	-44.32 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.22 dBm	-33.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99475 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85704 GHz	-42.84 dBm	-29.84 dB

Date: 9.AUG.2017 14:21:34

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	730.06622 MHz	-58.31 dBm	-45.31 dB
860.000 MHz	1.000 GHz	100.000 kHz	947.34266 MHz	-57.13 dBm	-44.13 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.67958 GHz	-46.42 dBm	-33.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-41.70 dBm	-28.70 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.06323 GHz	-43.01 dBm	-30.01 dB

Date: 9.AUG.2017 14:22:28

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	0.0092	PASS
40	Normal Voltage	0.0094	
30	Normal Voltage	0.0087	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0115	
0	Normal Voltage	0.0122	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0120	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0115	

Note:

1. Normal Voltage =4.0 V.；Battery End Point (BEP) =3.6 V.；Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

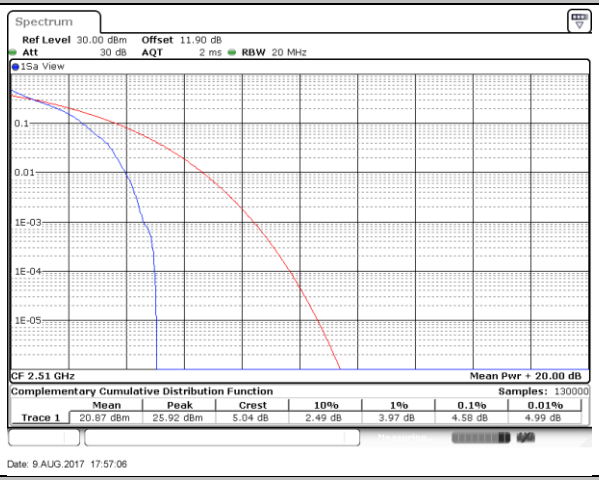
LTE Band 7

Peak-to-Average Ratio

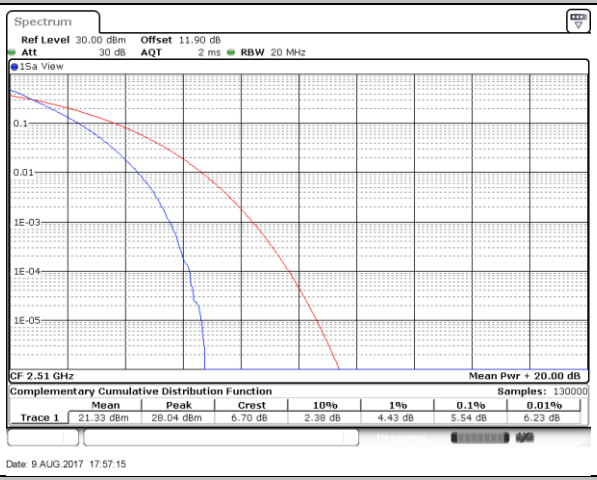
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	5.54	5.16	6.26	PASS
Middle CH	4.75	5.57	5.83	6.32	
Highest CH	4.7	5.54	5.88	6.46	

LTE Band 7 / 20MHz / QPSK

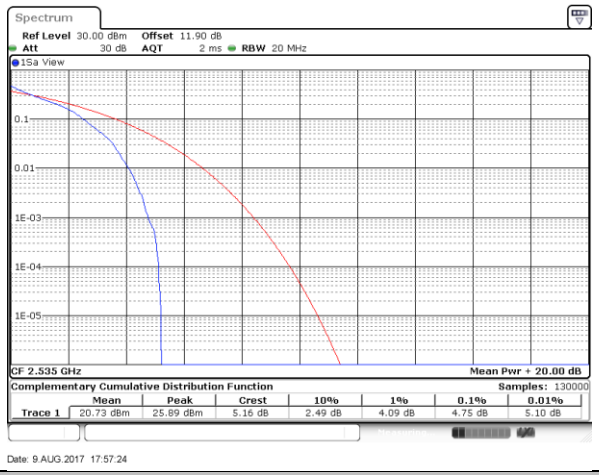
Lowest Channel / 1RB



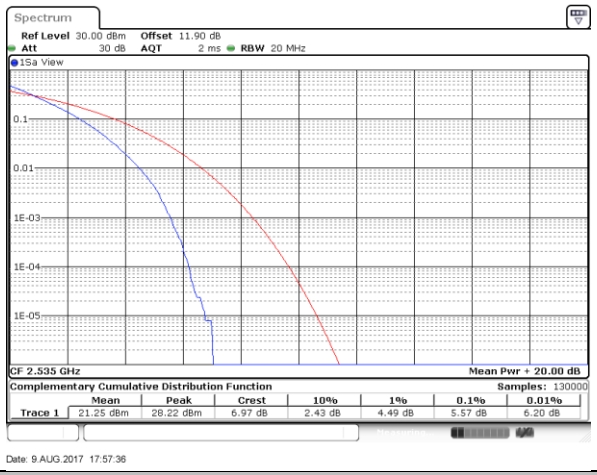
Lowest Channel / Full RB



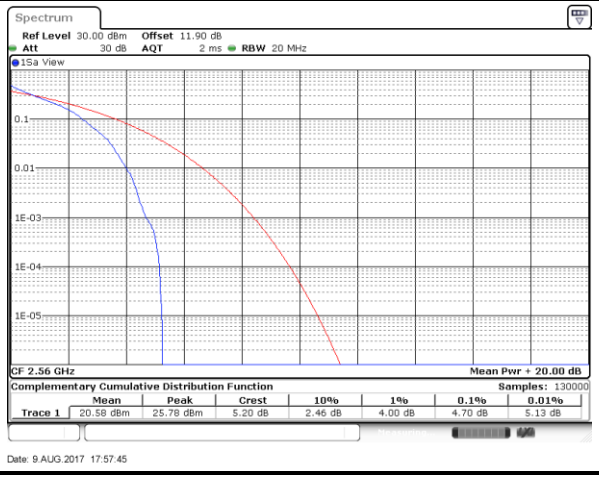
Middle Channel / 1RB



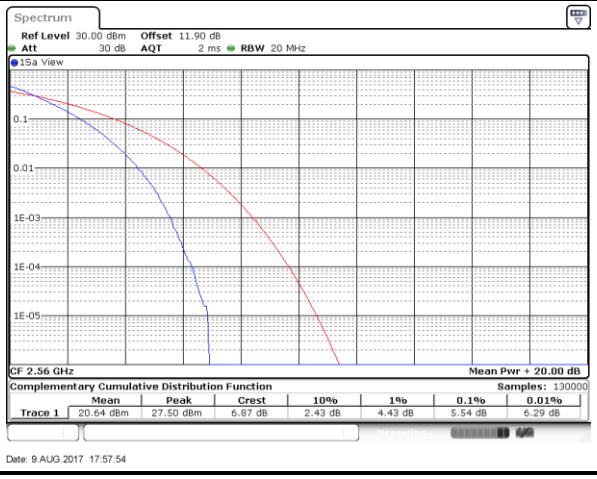
Middle Channel / Full RB



Highest Channel / 1RB

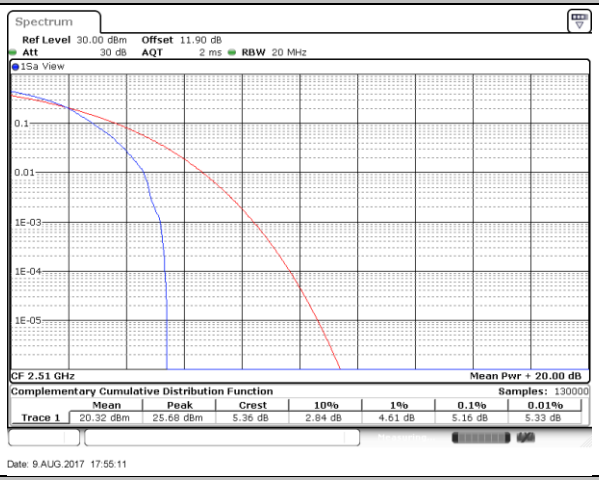


Highest Channel / Full RB

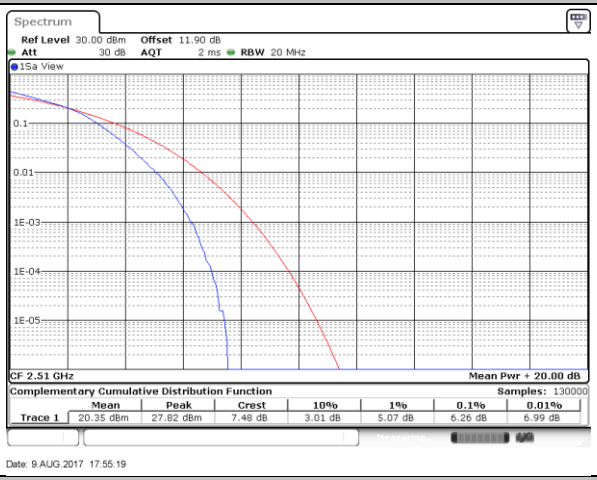


LTE Band 7 / 20MHz / 16QAM

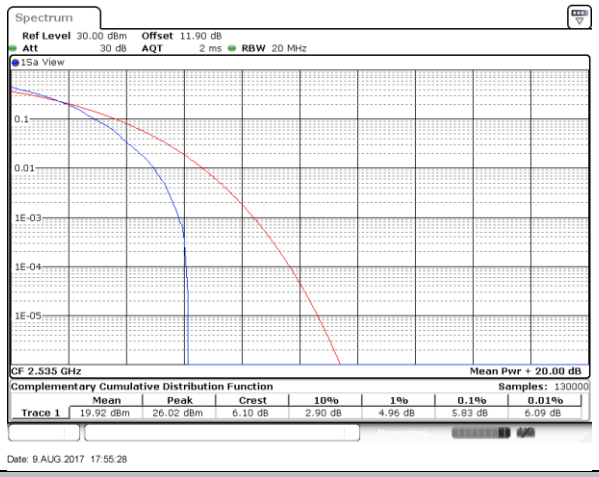
Lowest Channel / 1RB



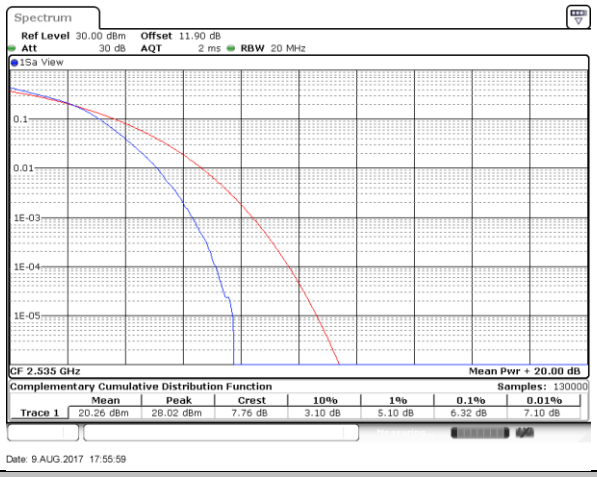
Lowest Channel / Full RB



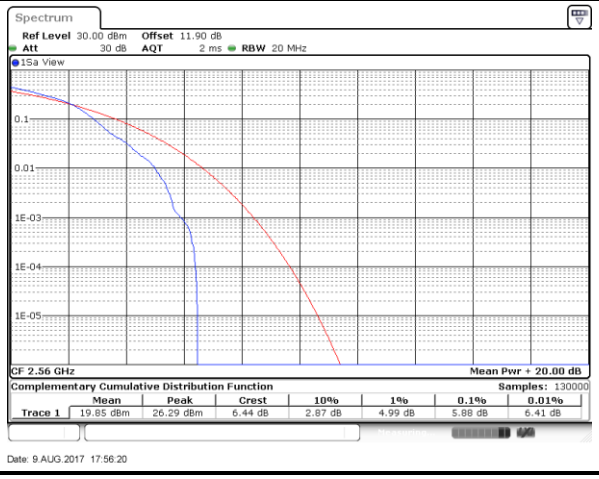
Middle Channel / 1RB



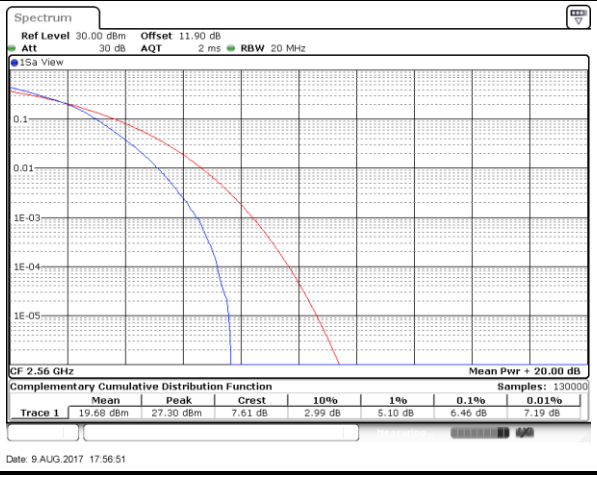
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

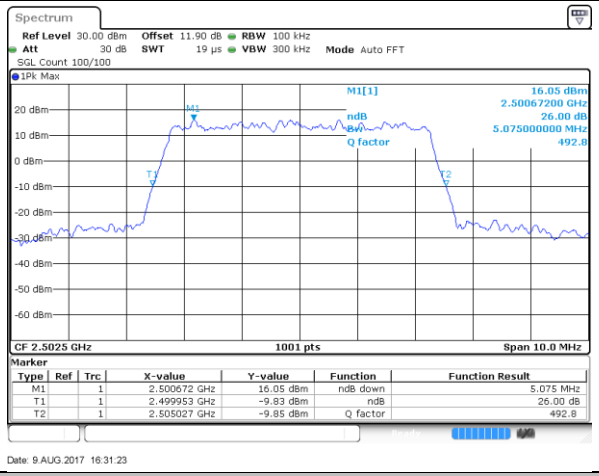


26dB Bandwidth

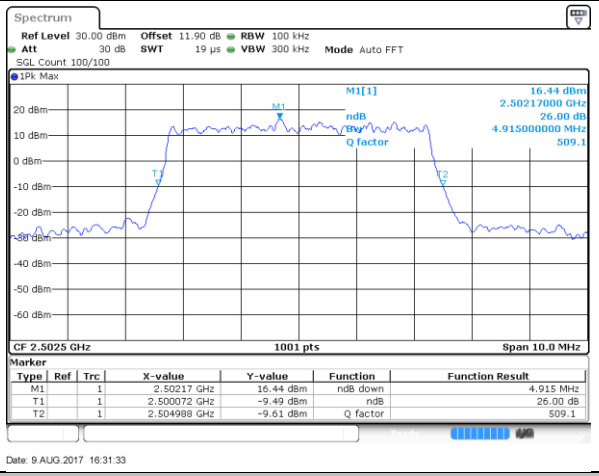
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.08	4.92	9.83	9.77	14.54	14.39	20.18	20.22
Middle CH	-	-	-	-	4.99	4.91	10.01	9.83	14.63	14.36	20.14	20.26
Highest CH	-	-	-	-	4.99	4.95	9.77	9.81	14.39	14.69	20.06	20.42

LTE Band 7

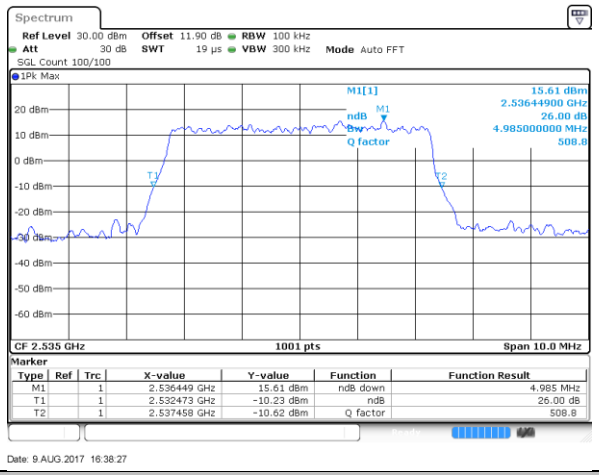
Lowest Channel / 5MHz / QPSK



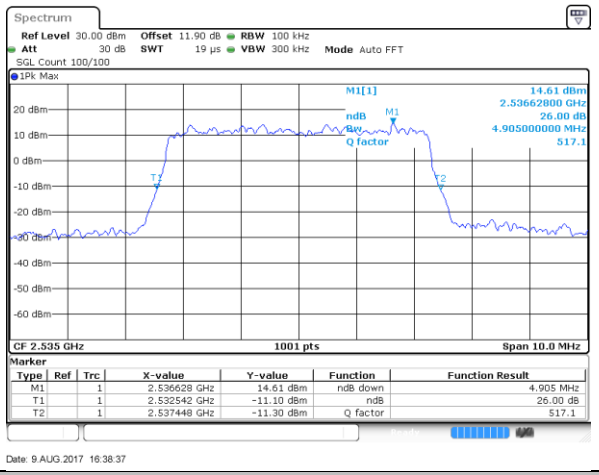
Lowest Channel / 5MHz / 16QAM



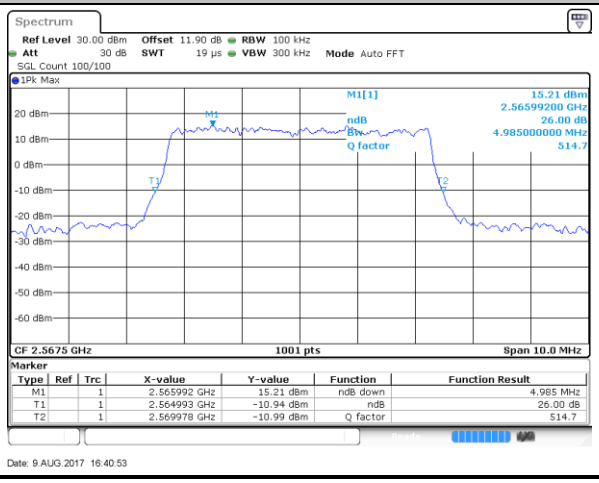
Middle Channel / 5MHz / QPSK



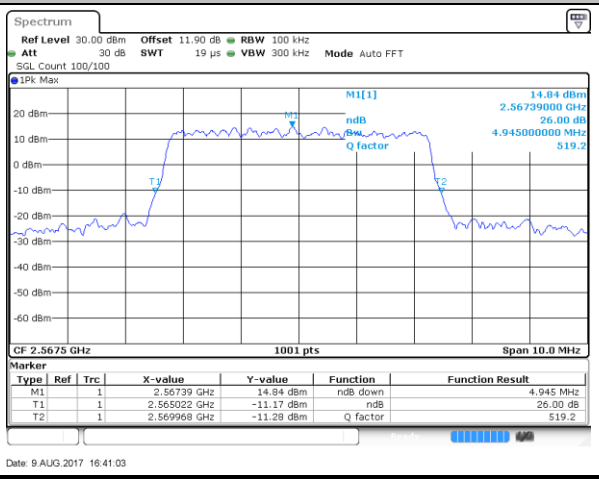
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

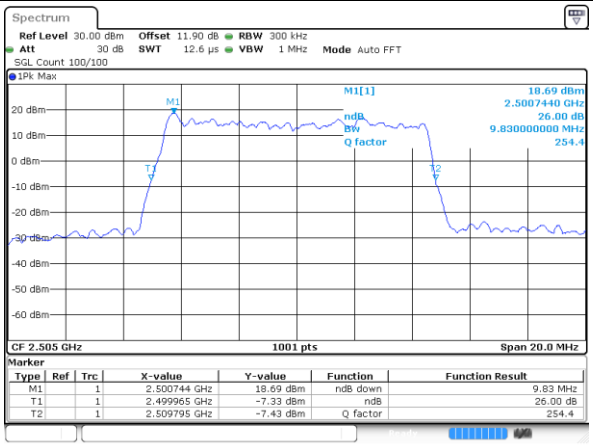


Highest Channel / 5MHz / 16QAM

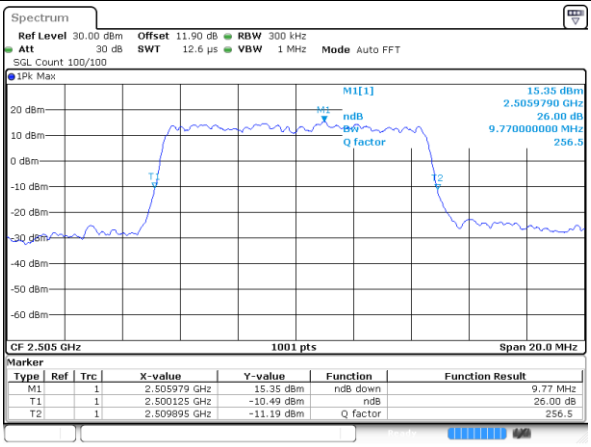


LTE Band 7

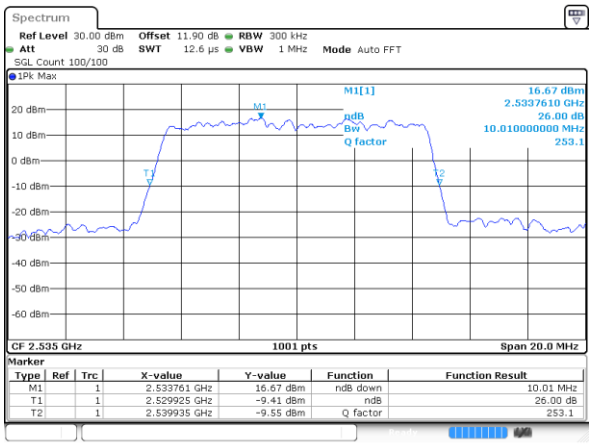
Lowest Channel / 10MHz / QPSK



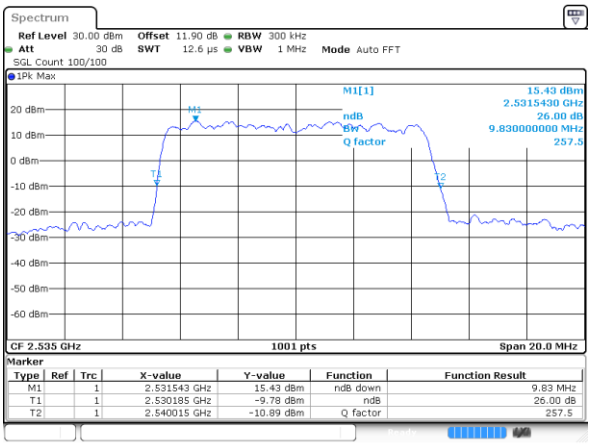
Lowest Channel / 10MHz / 16QAM



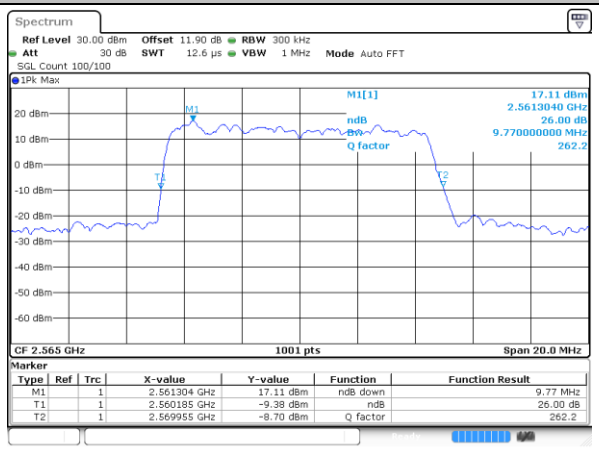
Middle Channel / 10MHz / QPSK



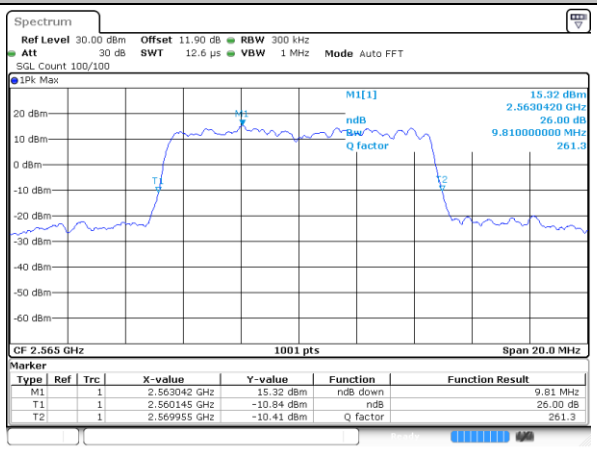
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

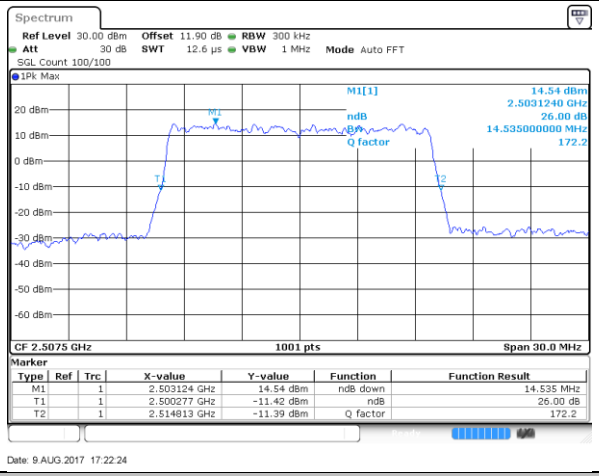


Highest Channel / 10MHz / 16QAM

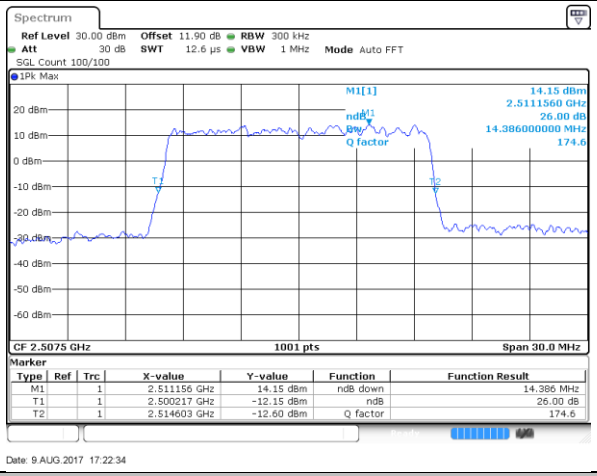


LTE Band 7

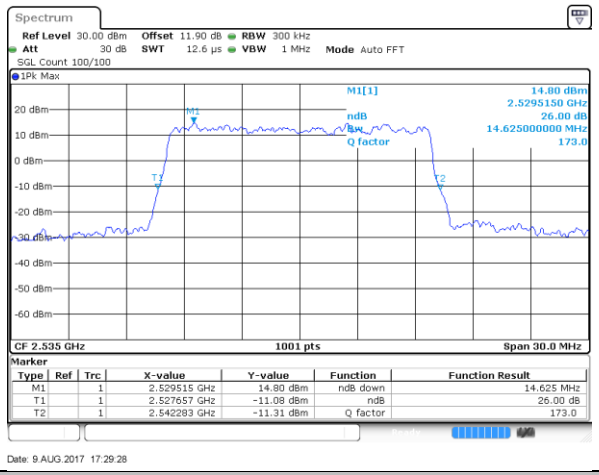
Lowest Channel / 15MHz / QPSK



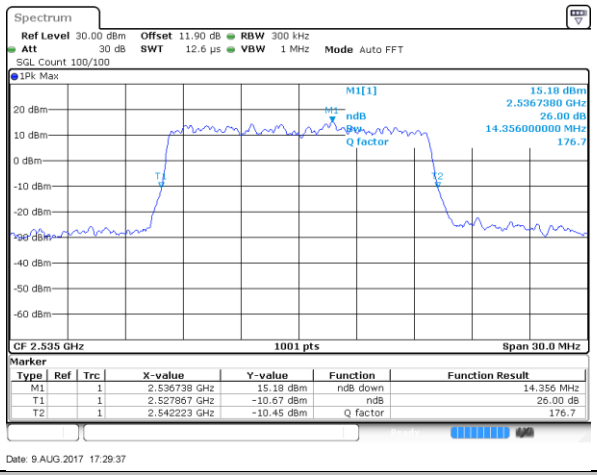
Lowest Channel / 15MHz / 16QAM



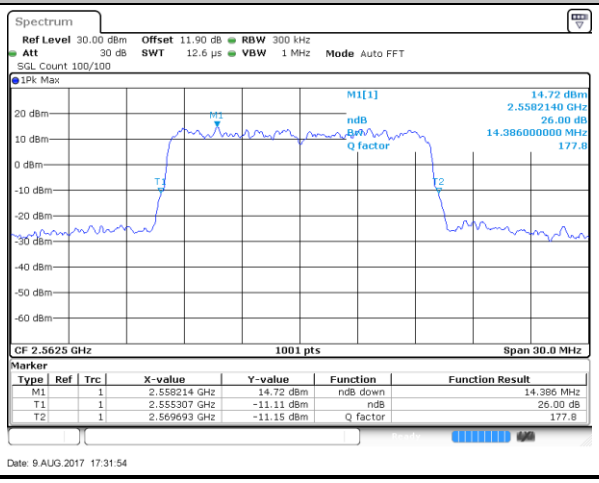
Middle Channel / 15MHz / QPSK



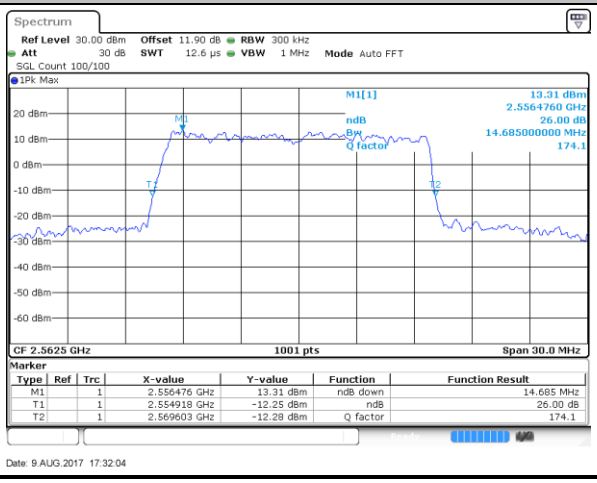
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

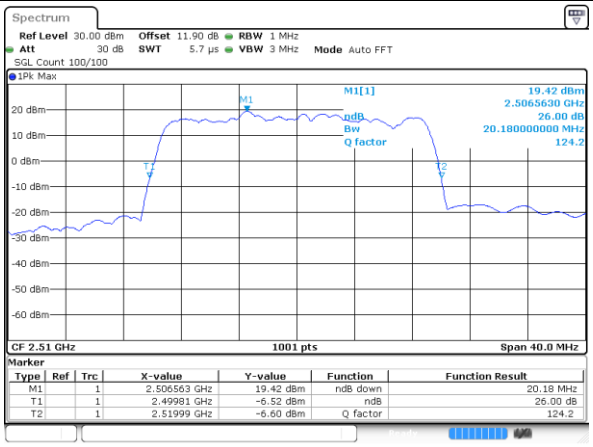


Highest Channel / 15MHz / 16QAM

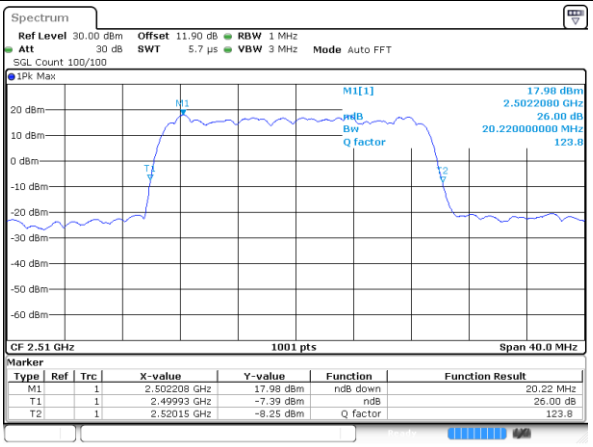


LTE Band 7

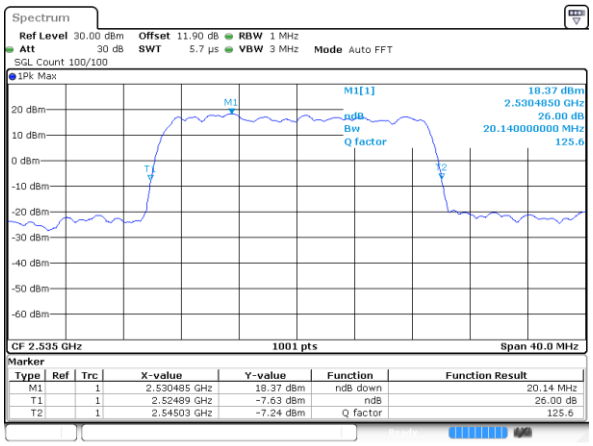
Lowest Channel / 20MHz / QPSK



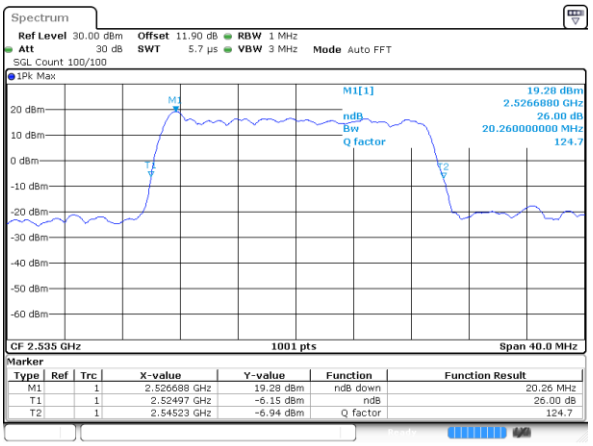
Lowest Channel / 20MHz / 16QAM



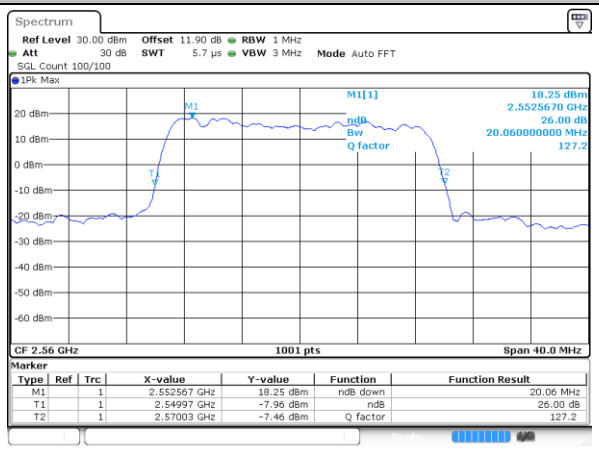
Middle Channel / 20MHz / QPSK



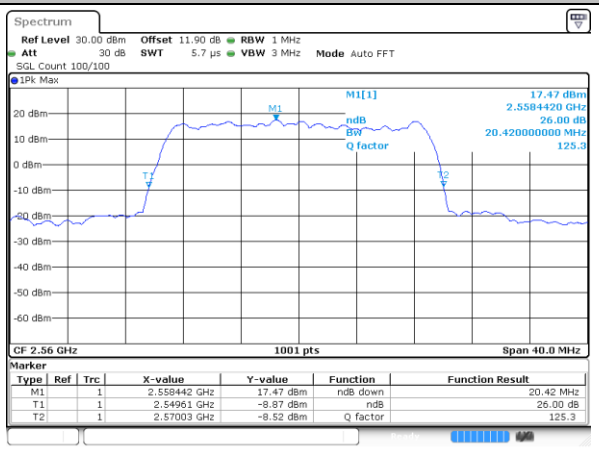
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

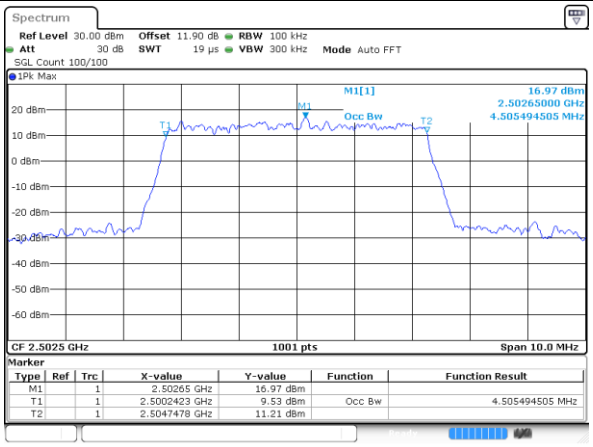


Occupied Bandwidth

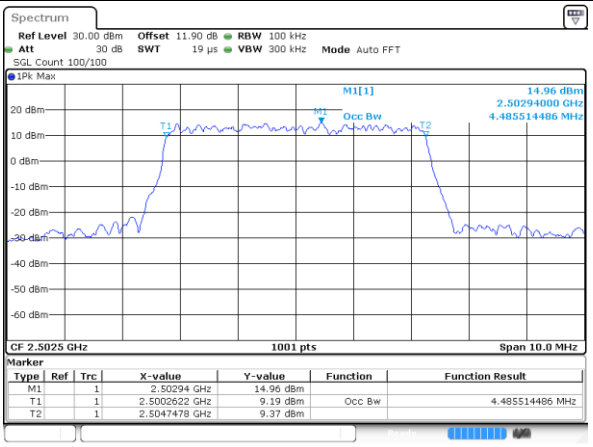
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.49	9.03	9.01	13.49	13.52	18.46	18.38
Middle CH	-	-	-	-	4.51	4.49	9.13	9.07	13.49	13.46	18.42	18.38
Highest CH	-	-	-	-	4.51	4.48	9.05	9.03	13.43	13.46	18.46	18.5

LTE Band 7

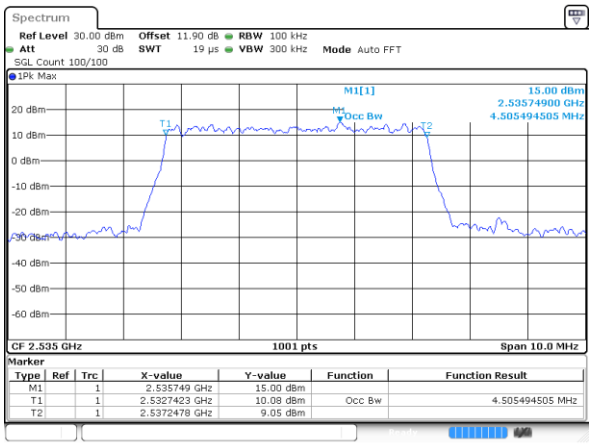
Lowest Channel / 5MHz / QPSK



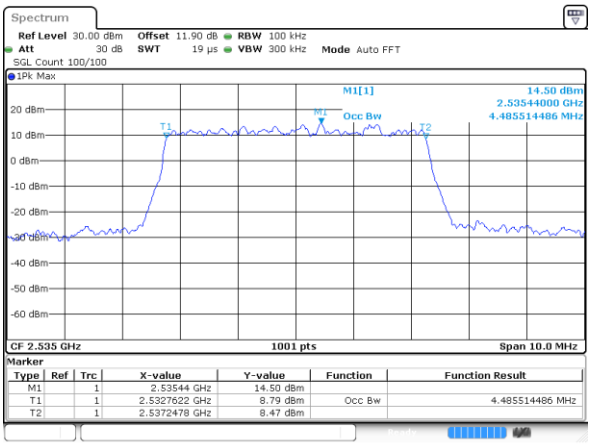
Lowest Channel / 5MHz / 16QAM



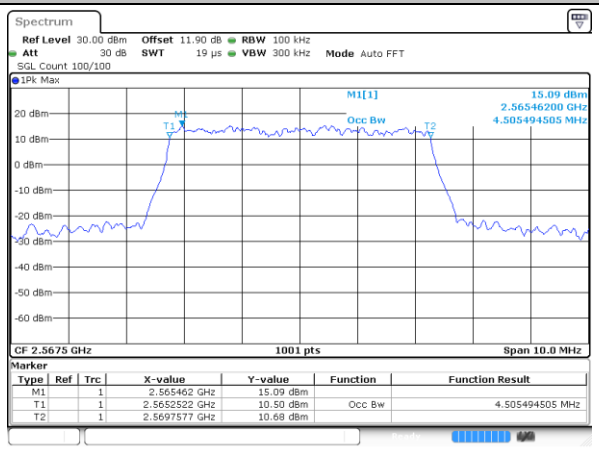
Middle Channel / 5MHz / QPSK



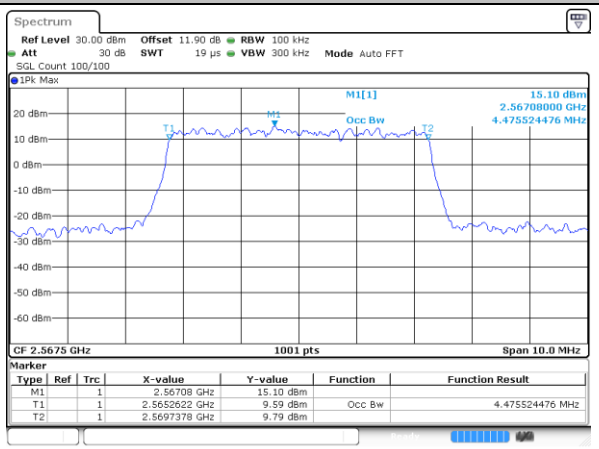
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

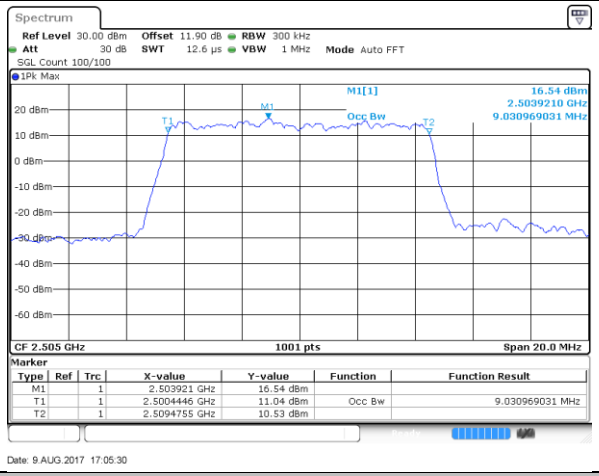


Highest Channel / 5MHz / 16QAM

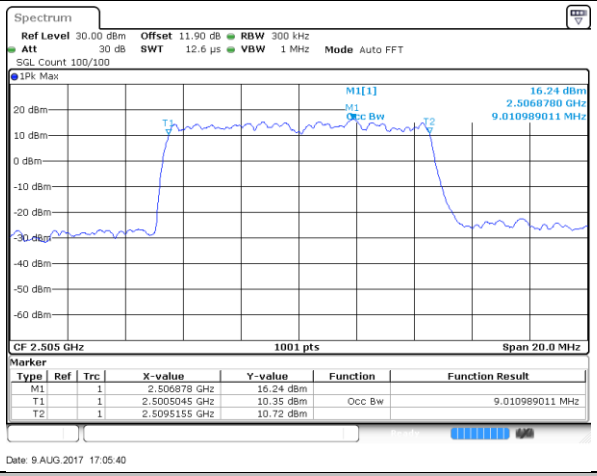


LTE Band 7

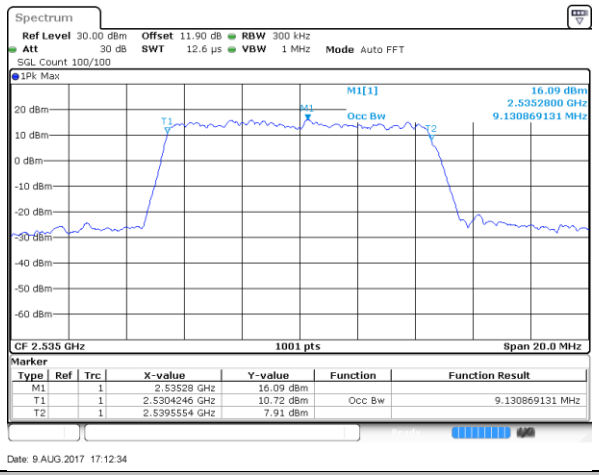
Lowest Channel / 10MHz / QPSK



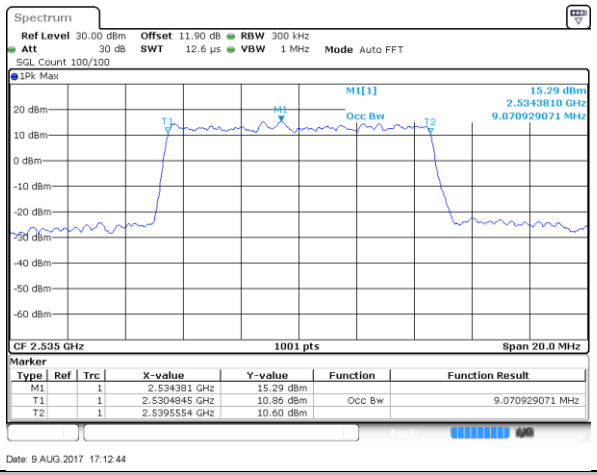
Lowest Channel / 10MHz / 16QAM



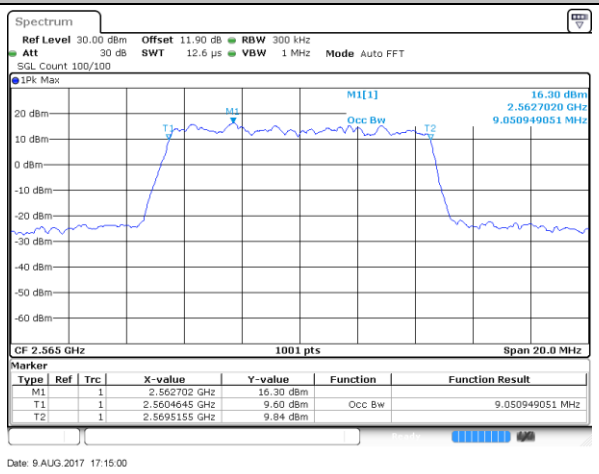
Middle Channel / 10MHz / QPSK



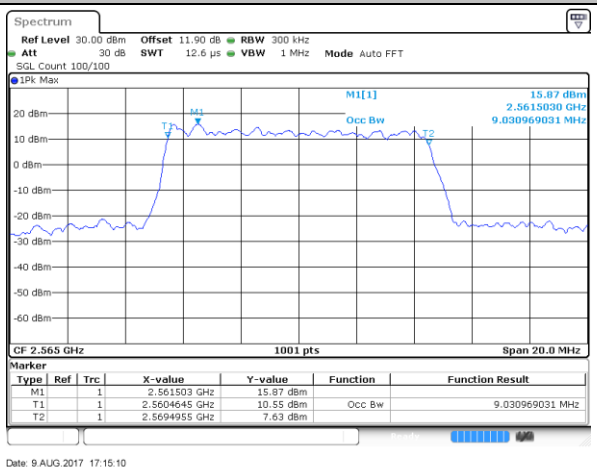
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

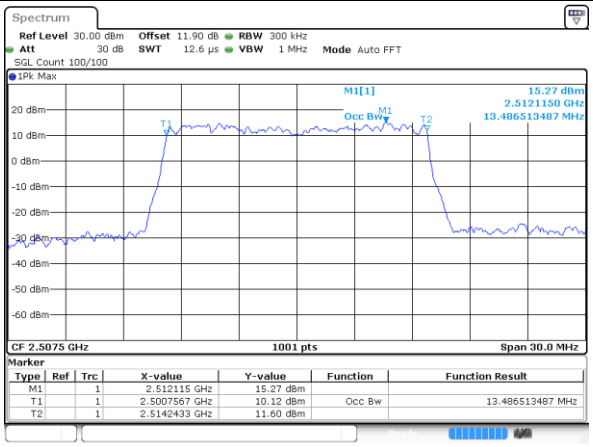


Highest Channel / 10MHz / 16QAM



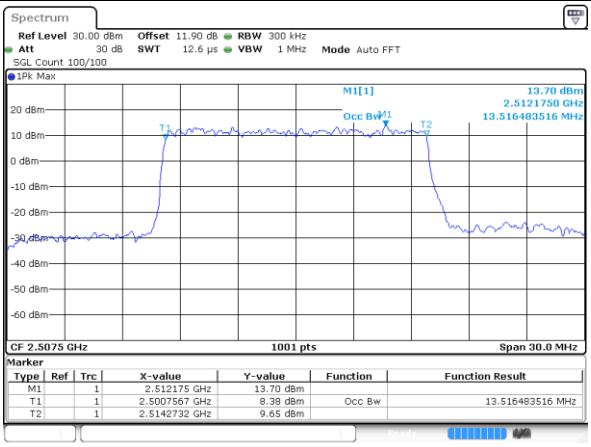
LTE Band 7

Lowest Channel / 15MHz / QPSK



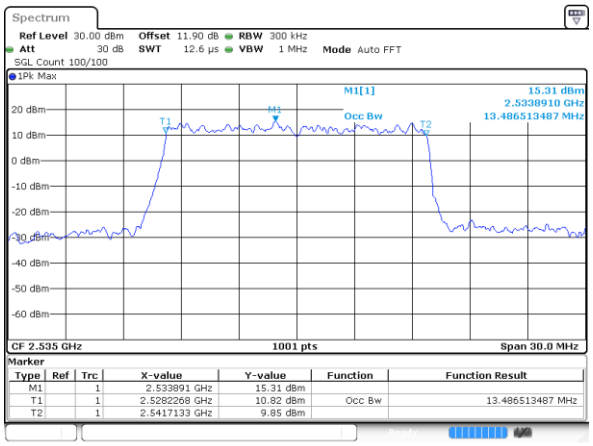
Date: 9.AUG.2017 17:22:04

Lowest Channel / 15MHz / 16QAM



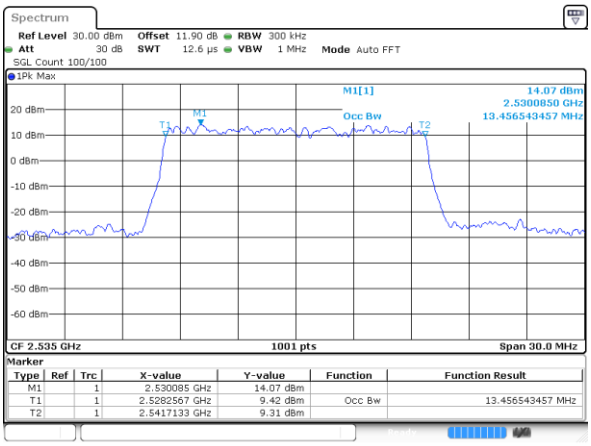
Date: 9.AUG.2017 17:22:14

Middle Channel / 15MHz / QPSK



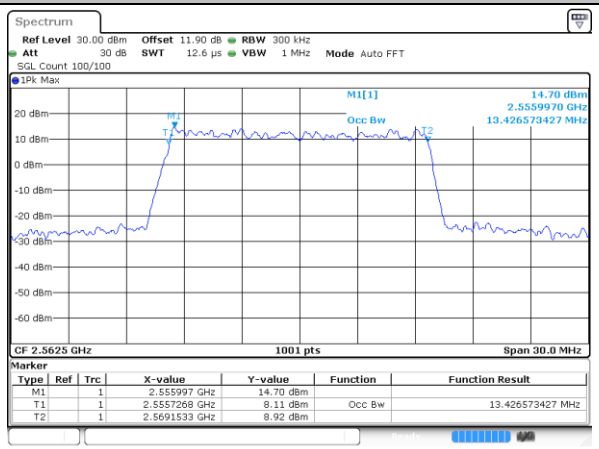
Date: 9.AUG.2017 17:29:07

Middle Channel / 15MHz / 16QAM



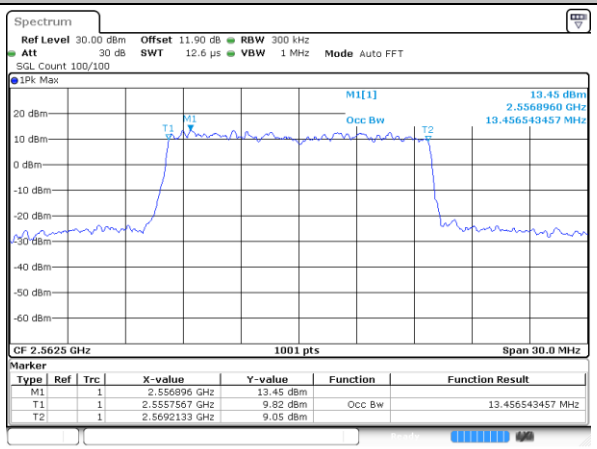
Date: 9.AUG.2017 17:29:18

Highest Channel / 15MHz / QPSK



Date: 9.AUG.2017 17:31:34

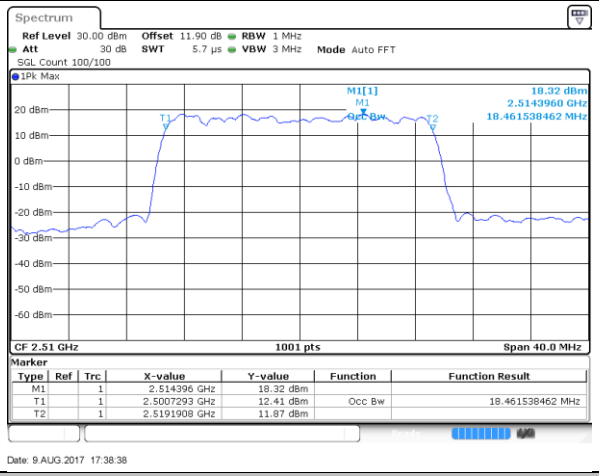
Highest Channel / 15MHz / 16QAM



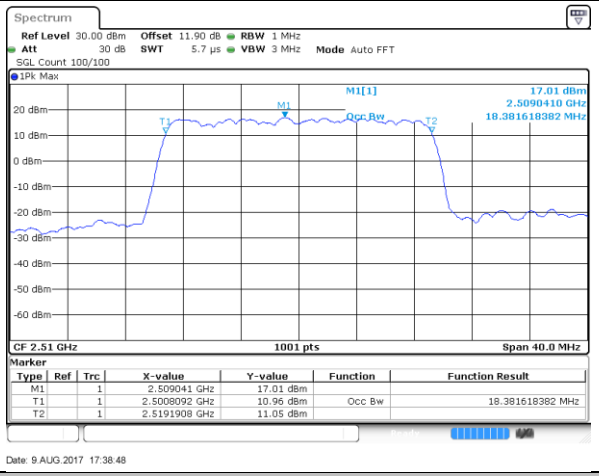
Date: 9.AUG.2017 17:31:44

LTE Band 7

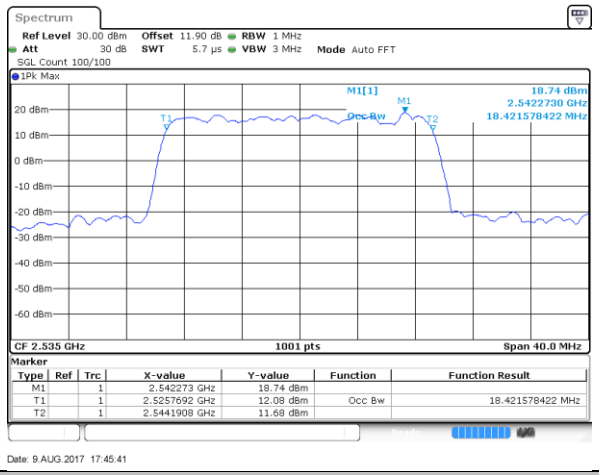
Lowest Channel / 20MHz / QPSK



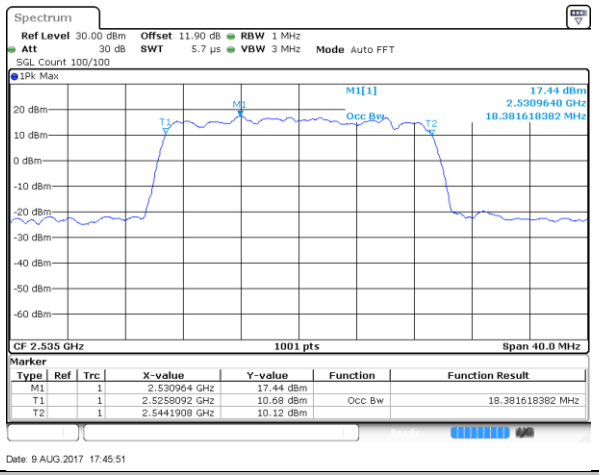
Lowest Channel / 20MHz / 16QAM



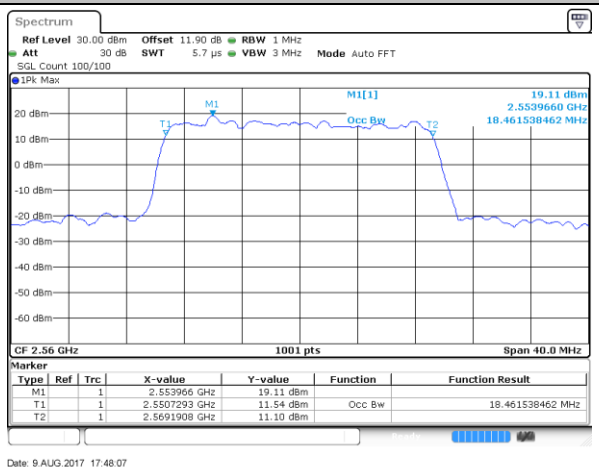
Middle Channel / 20MHz / QPSK



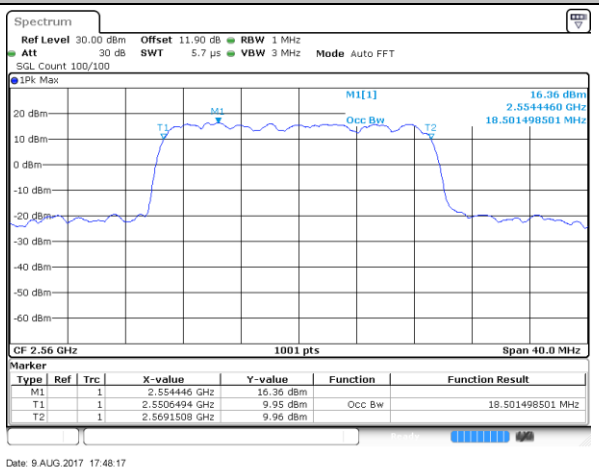
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



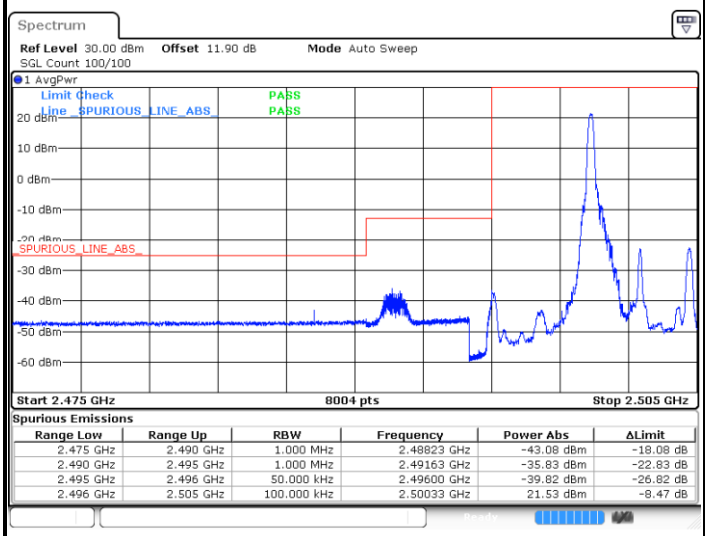
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

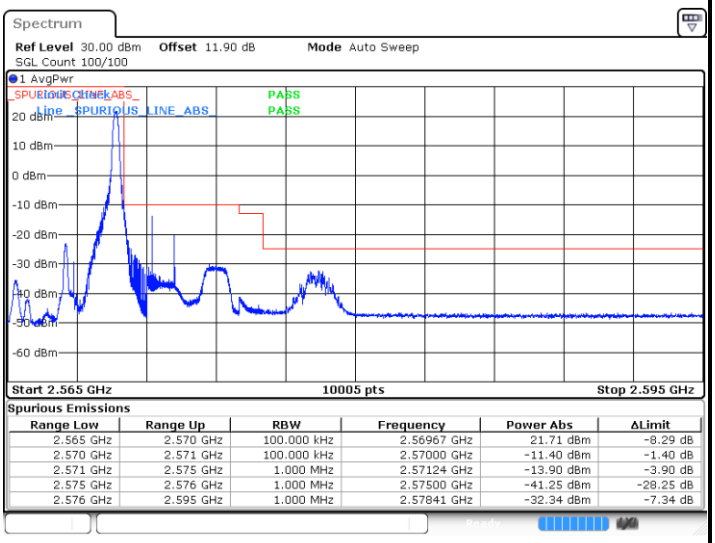


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48823 GHz	-43.08 dBm	-18.08 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49163 GHz	-35.83 dBm	-22.83 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-39.82 dBm	-26.82 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50033 GHz	21.53 dBm	-8.47 dB

Date: 9.AUG.2017 16:32:42

Highest Band Edge / 1 RB

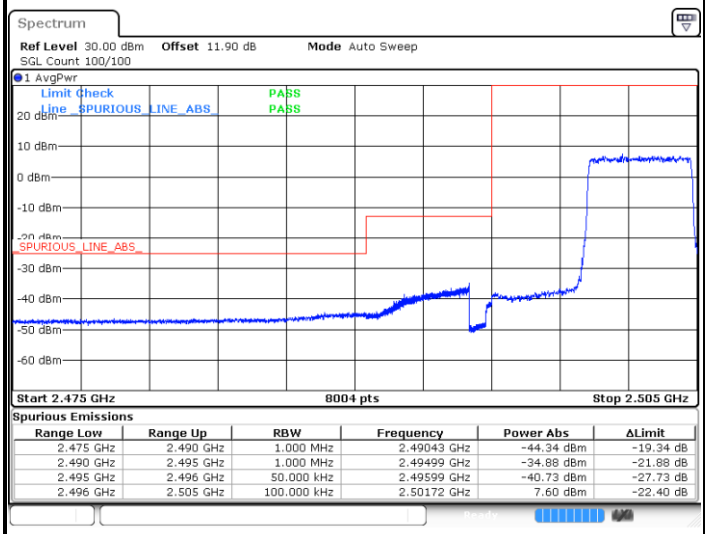


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	21.71 dBm	-8.29 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-11.40 dBm	-1.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57124 GHz	-13.90 dBm	-3.90 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-41.25 dBm	-28.25 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57841 GHz	-32.34 dBm	-7.34 dB

Date: 9.AUG.2017 16:42:12

Lowest Band Edge / Full RB

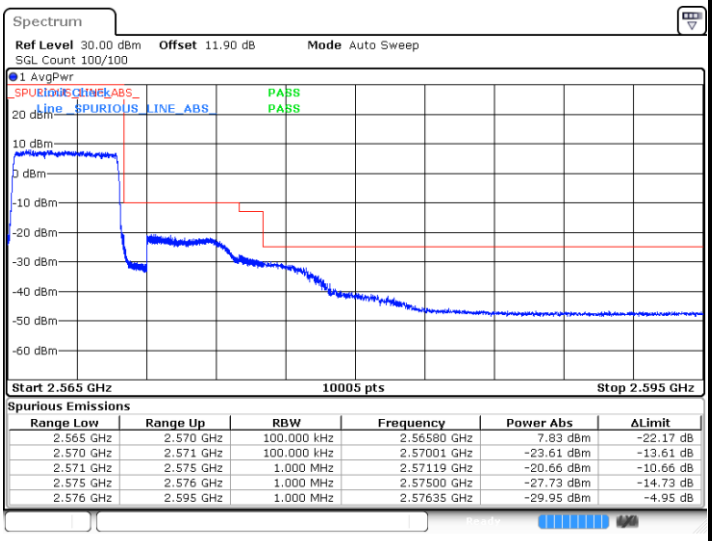


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-44.34 dBm	-19.34 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-34.88 dBm	-21.88 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-40.73 dBm	-27.73 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50172 GHz	7.60 dBm	-22.40 dB

Date: 9.AUG.2017 16:35:01

Highest Band Edge / Full RB



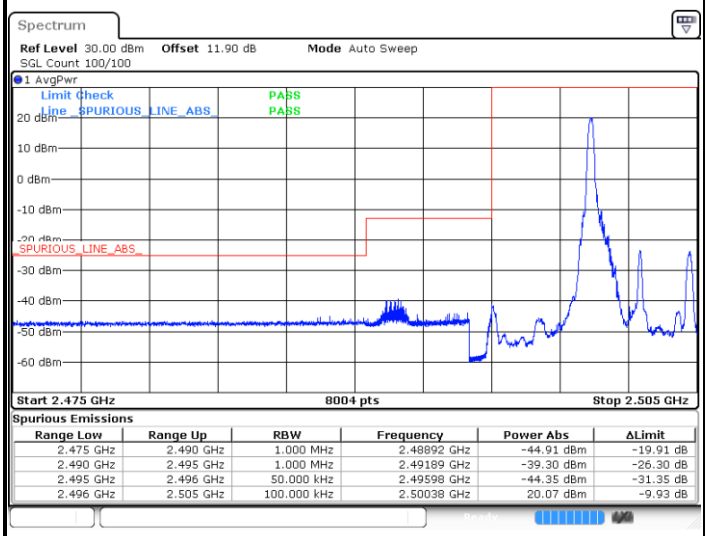
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56580 GHz	7.83 dBm	-22.17 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-23.61 dBm	-13.61 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-20.66 dBm	-10.66 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-27.73 dBm	-14.73 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57635 GHz	-29.95 dBm	-4.95 dB

Date: 9.AUG.2017 16:44:31

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

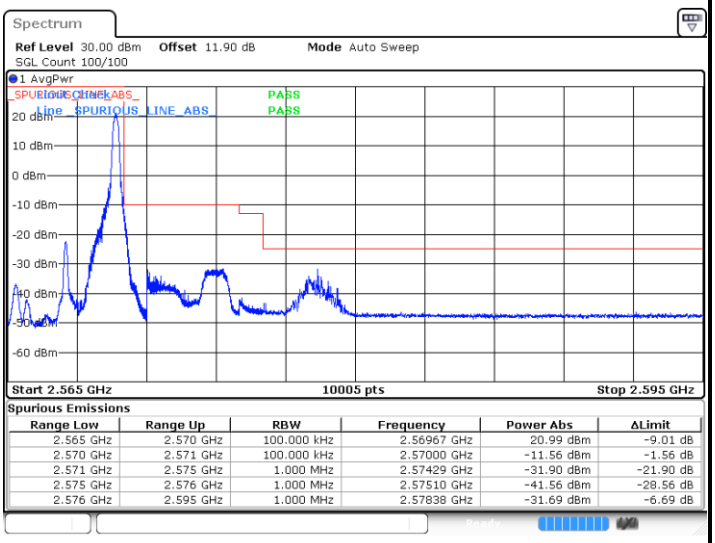


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48892 GHz	-44.91 dBm	-19.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49189 GHz	-39.30 dBm	-26.30 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49598 GHz	-44.35 dBm	-31.35 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50038 GHz	20.07 dBm	-9.93 dB

Date: 9.AUG.2017 16:33:51

Highest Band Edge / 1 RB

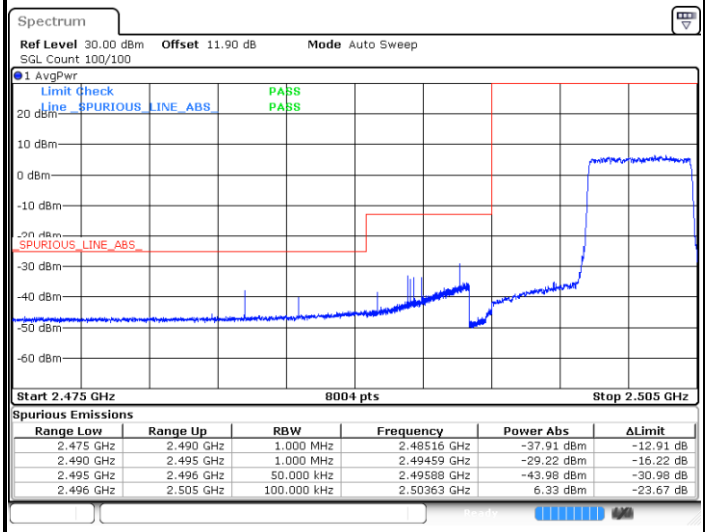


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	20.99 dBm	-9.01 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-11.56 dBm	-1.56 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57429 GHz	-31.90 dBm	-21.90 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57510 GHz	-41.56 dBm	-28.56 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57838 GHz	-31.69 dBm	-6.69 dB

Date: 9.AUG.2017 16:43:21

Lowest Band Edge / Full RB

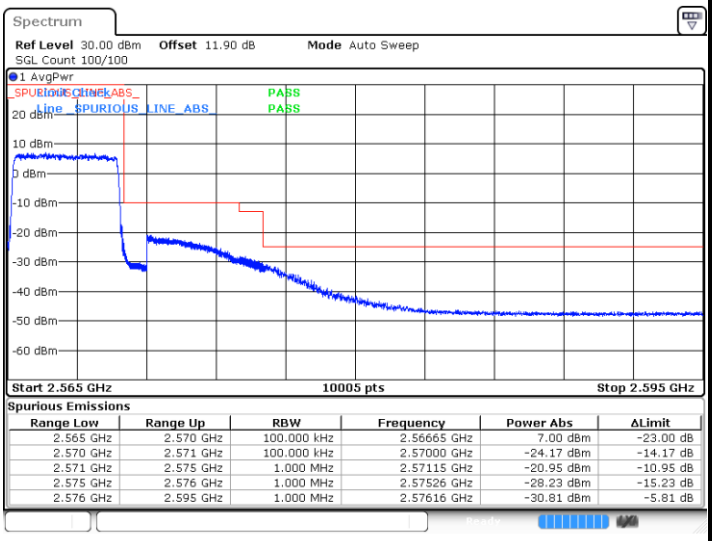


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48516 GHz	-37.91 dBm	-12.91 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49459 GHz	-29.22 dBm	-16.22 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49588 GHz	-43.98 dBm	-30.98 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50363 GHz	6.33 dBm	-23.67 dB

Date: 9.AUG.2017 16:36:10

Highest Band Edge / Full RB



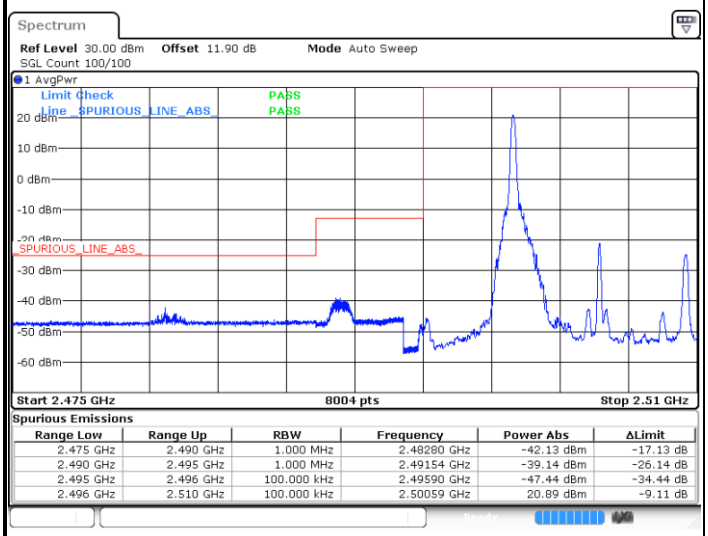
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56665 GHz	7.00 dBm	-23.00 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-24.17 dBm	-14.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-20.95 dBm	-10.95 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57526 GHz	-28.23 dBm	-15.23 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57616 GHz	-30.81 dBm	-5.81 dB

Date: 9.AUG.2017 16:45:40

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

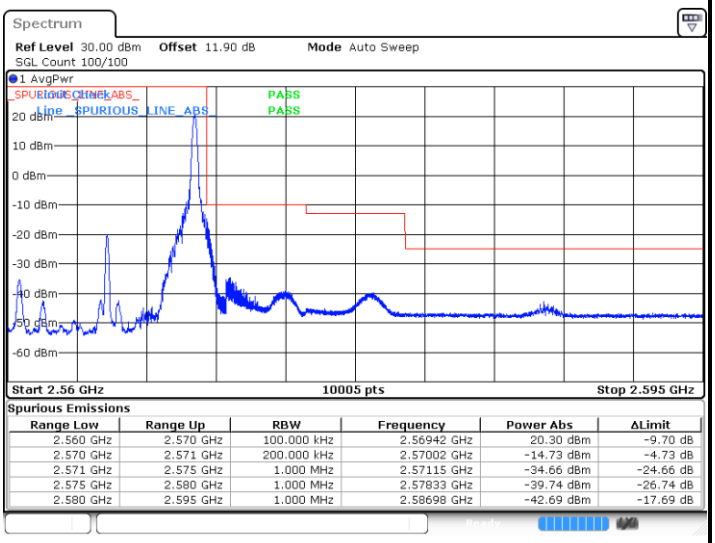


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48280 GHz	-42.13 dBm	-17.13 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49154 GHz	-39.14 dBm	-26.14 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49590 GHz	-47.44 dBm	-34.44 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	20.89 dBm	-9.11 dB

Date: 9.AUG.2017 17:07:09

Highest Band Edge / 1 RB

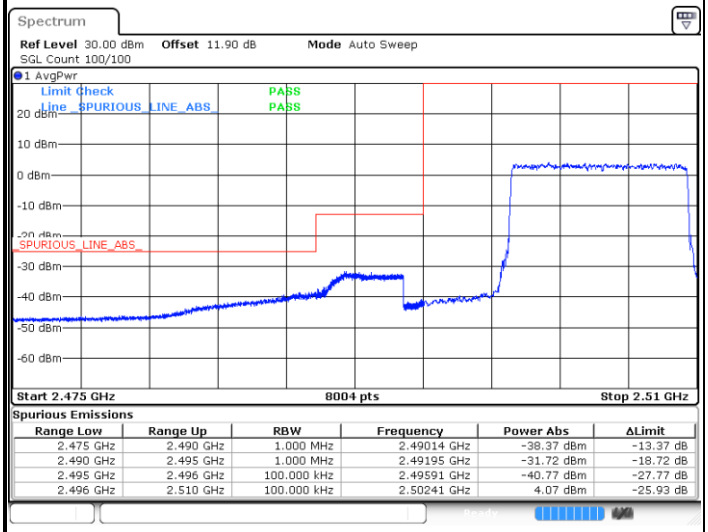


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	20.30 dBm	-9.70 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-14.73 dBm	-4.73 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-34.66 dBm	-24.66 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57833 GHz	-39.74 dBm	-26.74 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58698 GHz	-42.69 dBm	-17.69 dB

Date: 9.AUG.2017 17:16:39

Lowest Band Edge / Full RB

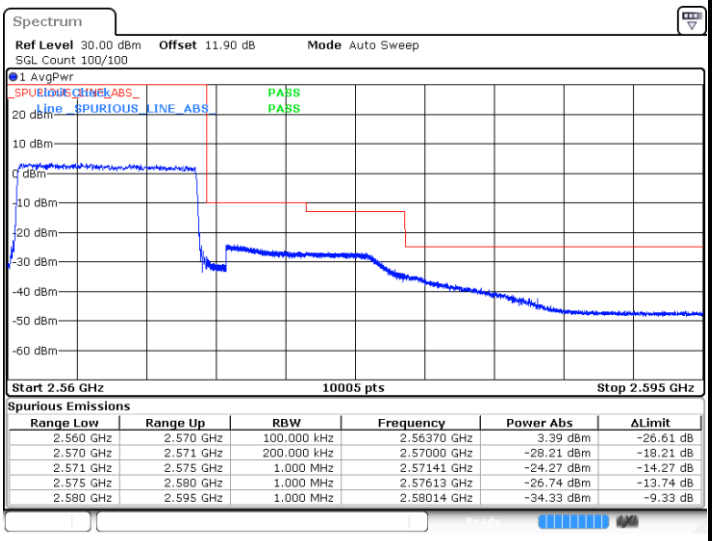


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49014 GHz	-38.37 dBm	-13.37 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49195 GHz	-31.72 dBm	-18.72 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49591 GHz	-40.77 dBm	-27.77 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50241 GHz	4.07 dBm	-25.93 dB

Date: 9.AUG.2017 17:09:28

Highest Band Edge / Full RB



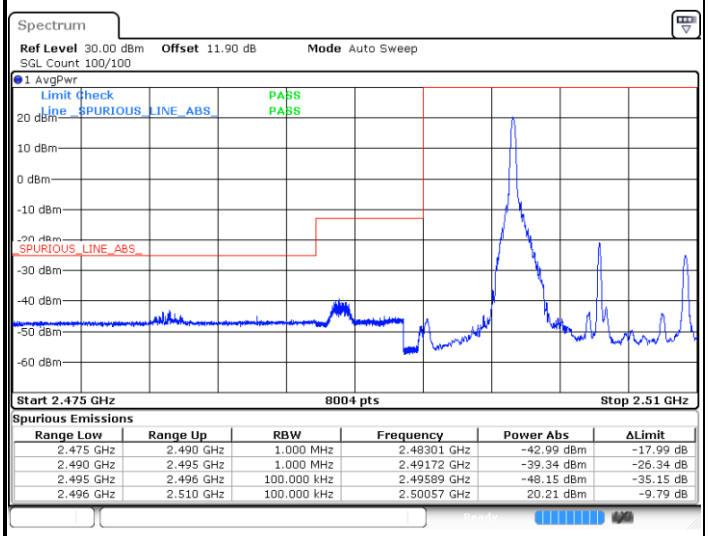
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56370 GHz	3.39 dBm	-26.61 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-28.21 dBm	-18.21 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57141 GHz	-24.27 dBm	-14.27 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57613 GHz	-26.74 dBm	-13.74 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58014 GHz	-34.33 dBm	-9.33 dB

Date: 9.AUG.2017 17:18:58

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

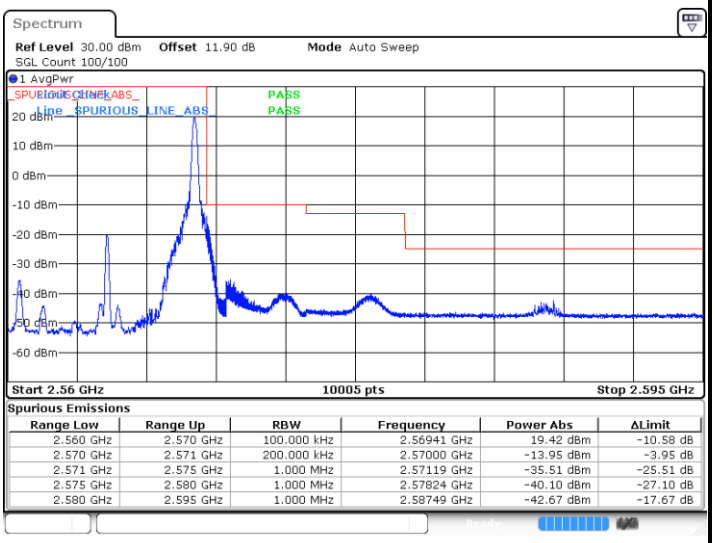


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48301 GHz	-42.99 dBm	-17.99 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49172 GHz	-39.34 dBm	-26.34 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49589 GHz	-48.15 dBm	-35.15 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50057 GHz	20.21 dBm	-9.79 dB

Date: 9.AUG.2017 17:08:18

Highest Band Edge / 1 RB

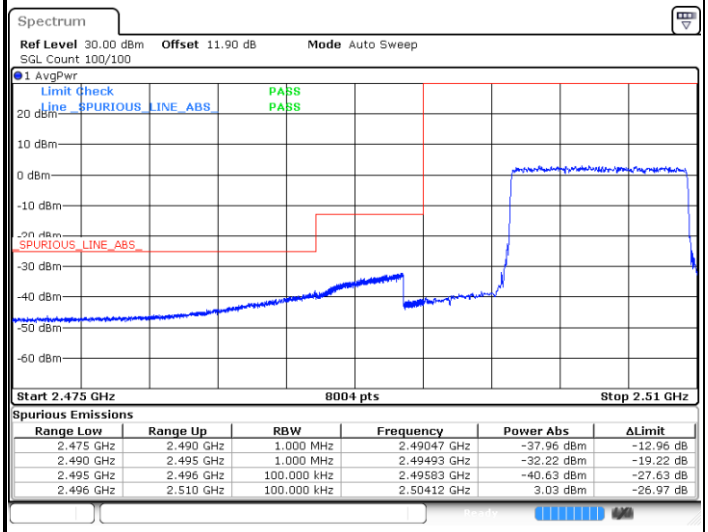


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.42 dBm	-10.58 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-13.95 dBm	-3.95 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57119 GHz	-35.51 dBm	-25.51 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57824 GHz	-40.10 dBm	-27.10 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58749 GHz	-42.67 dBm	-17.67 dB

Date: 9.AUG.2017 17:17:49

Lowest Band Edge / Full RB

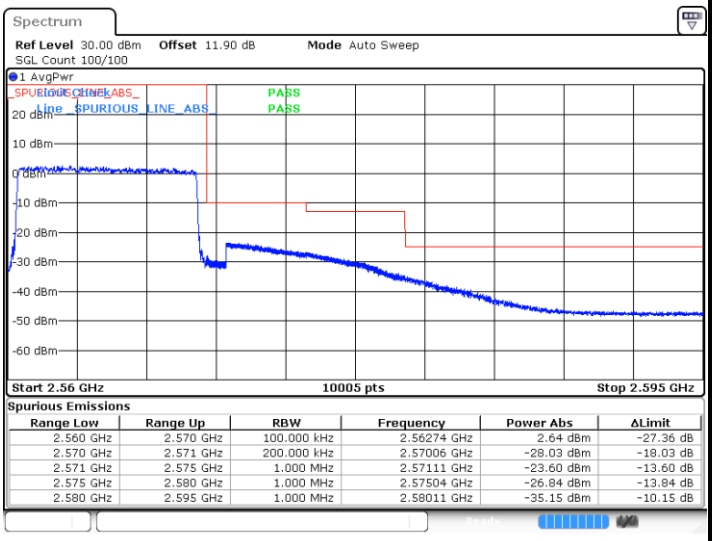


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-37.96 dBm	-12.96 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49493 GHz	-32.22 dBm	-19.22 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49583 GHz	-40.63 dBm	-27.63 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50412 GHz	3.03 dBm	-26.97 dB

Date: 9.AUG.2017 17:10:37

Highest Band Edge / Full RB



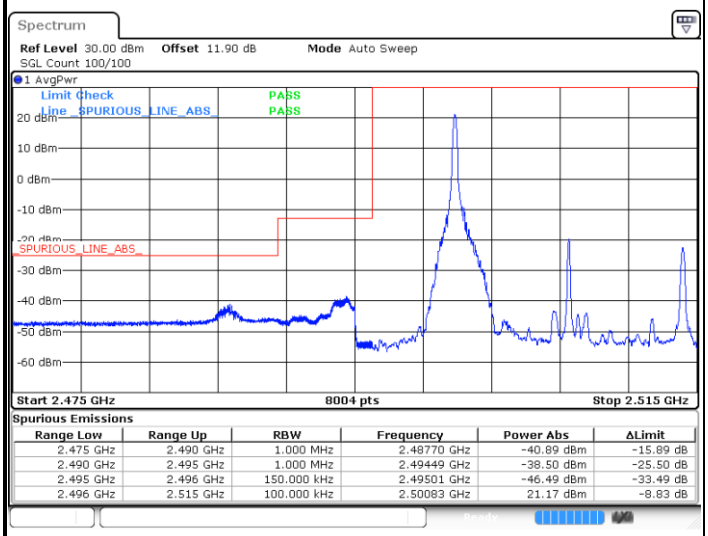
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56274 GHz	2.64 dBm	-27.36 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57006 GHz	-28.03 dBm	-18.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57111 GHz	-23.60 dBm	-13.60 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57504 GHz	-26.84 dBm	-13.84 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58011 GHz	-35.15 dBm	-10.15 dB

Date: 9.AUG.2017 17:20:07

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

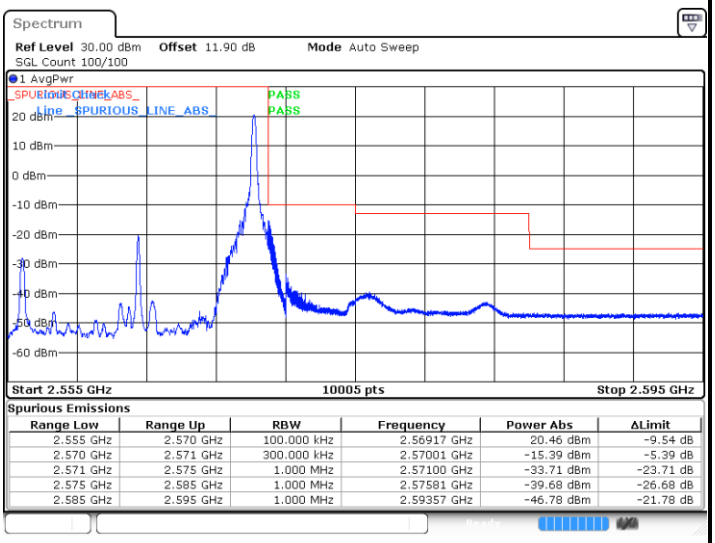


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48770 GHz	-40.89 dBm	-15.89 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49449 GHz	-38.50 dBm	-25.50 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49501 GHz	-46.49 dBm	-33.49 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50083 GHz	21.17 dBm	-8.83 dB

Date: 9.AUG.2017 17:23:43

Highest Band Edge / 1 RB

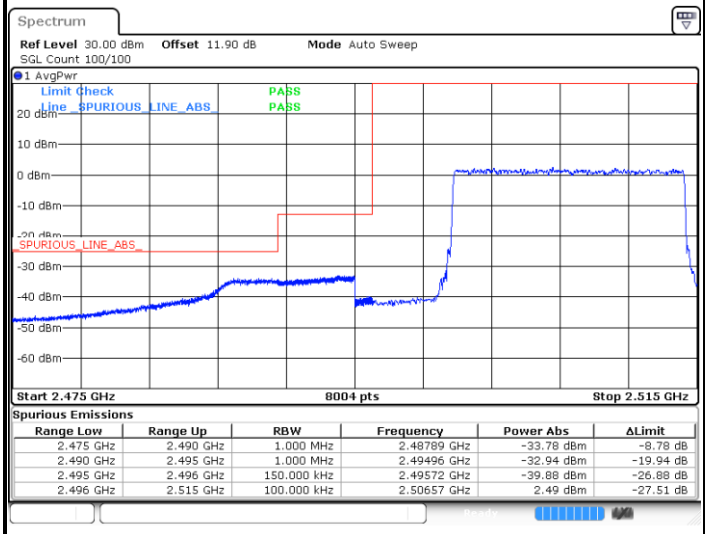


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56917 GHz	20.46 dBm	-9.54 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-15.39 dBm	-5.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-33.71 dBm	-23.71 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57581 GHz	-39.68 dBm	-26.68 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59357 GHz	-46.78 dBm	-21.78 dB

Date: 9.AUG.2017 17:33:13

Lowest Band Edge / Full RB

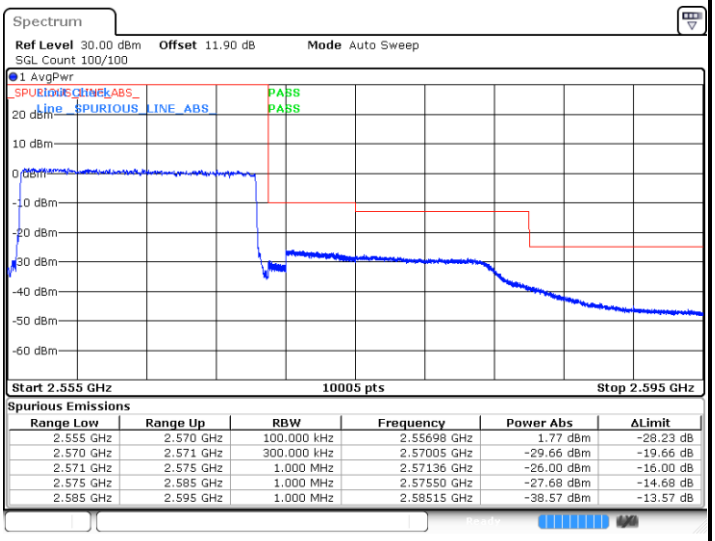


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48789 GHz	-33.78 dBm	-8.78 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49496 GHz	-32.94 dBm	-19.94 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49572 GHz	-39.88 dBm	-26.88 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50657 GHz	2.49 dBm	-27.51 dB

Date: 9.AUG.2017 17:26:01

Highest Band Edge / Full RB



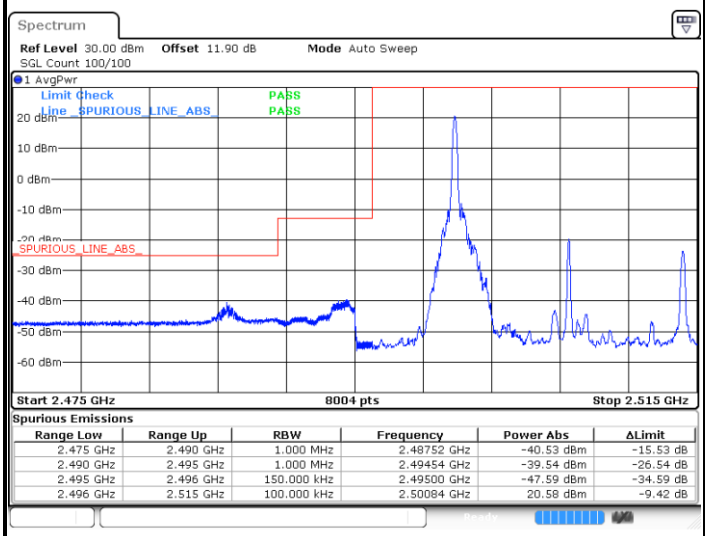
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55698 GHz	1.77 dBm	-28.23 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57005 GHz	-29.66 dBm	-19.66 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57136 GHz	-26.00 dBm	-16.00 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57550 GHz	-27.68 dBm	-14.68 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58515 GHz	-38.57 dBm	-13.57 dB

Date: 9.AUG.2017 17:35:31

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

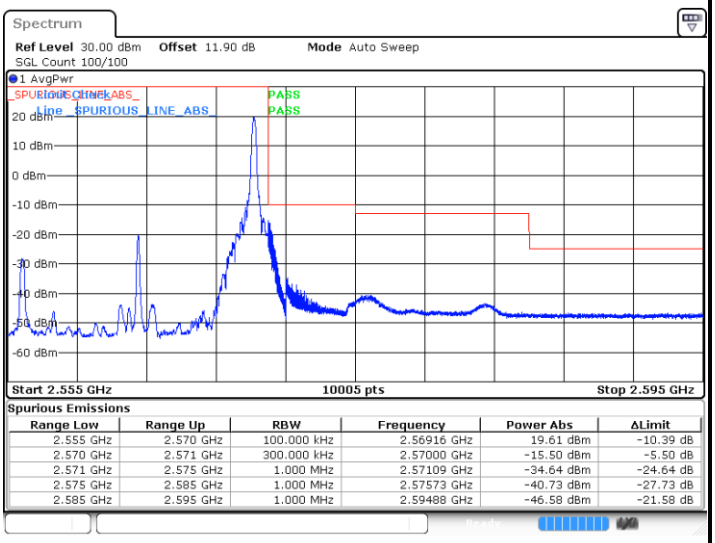


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48752 GHz	-40.53 dBm	-15.53 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49454 GHz	-39.54 dBm	-26.54 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49500 GHz	-47.59 dBm	-34.59 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50084 GHz	20.58 dBm	-9.42 dB

Date: 9.AUG.2017 17:24:52

Highest Band Edge / 1 RB

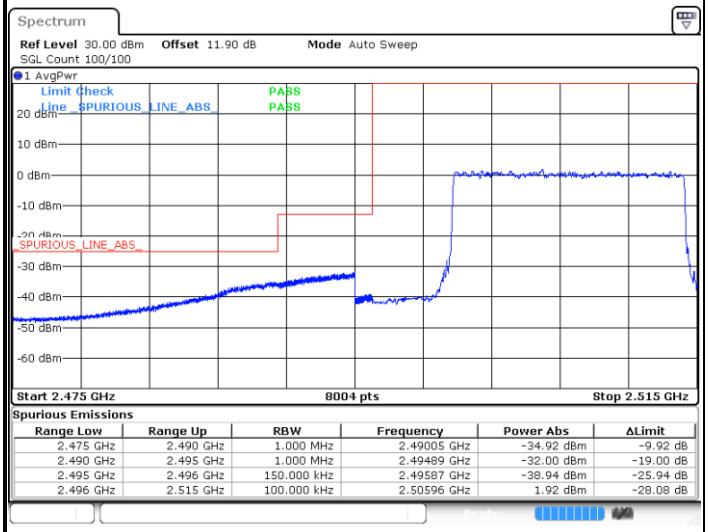


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56916 GHz	19.61 dBm	-10.39 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57000 GHz	-15.50 dBm	-5.50 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-34.64 dBm	-24.64 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57573 GHz	-40.73 dBm	-27.73 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59488 GHz	-46.58 dBm	-21.58 dB

Date: 9.AUG.2017 17:34:22

Lowest Band Edge / Full RB

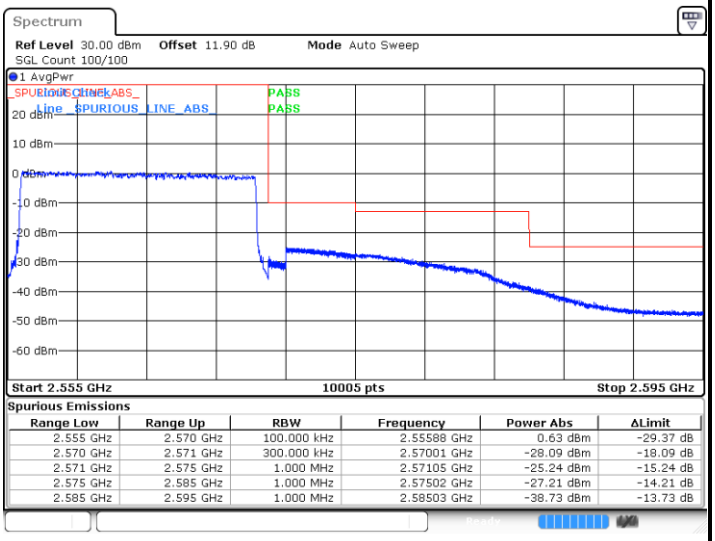


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49005 GHz	-34.92 dBm	-9.92 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49489 GHz	-32.00 dBm	-19.00 dB
2.495 GHz	2.496 GHz	150.000 kHz	2.49587 GHz	-38.94 dBm	-25.94 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50596 GHz	1.92 dBm	-28.08 dB

Date: 9.AUG.2017 17:27:11

Highest Band Edge / Full RB



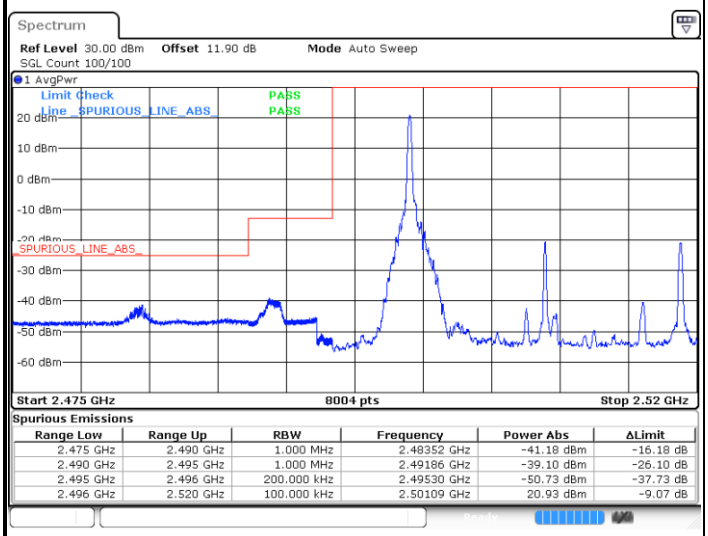
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55588 GHz	0.63 dBm	-29.37 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-28.09 dBm	-18.09 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57105 GHz	-25.24 dBm	-15.24 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57502 GHz	-27.21 dBm	-14.21 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58503 GHz	-38.73 dBm	-13.73 dB

Date: 9.AUG.2017 17:36:41

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

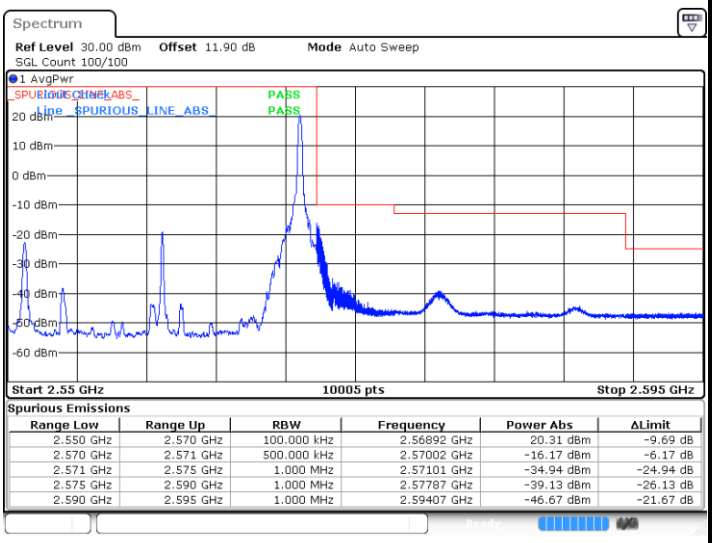


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48352 GHz	-41.18 dBm	-16.18 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49186 GHz	-39.10 dBm	-26.10 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49530 GHz	-50.73 dBm	-37.73 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.93 dBm	-9.07 dB

Date: 9.AUG.2017 17:40:16

Highest Band Edge / 1 RB

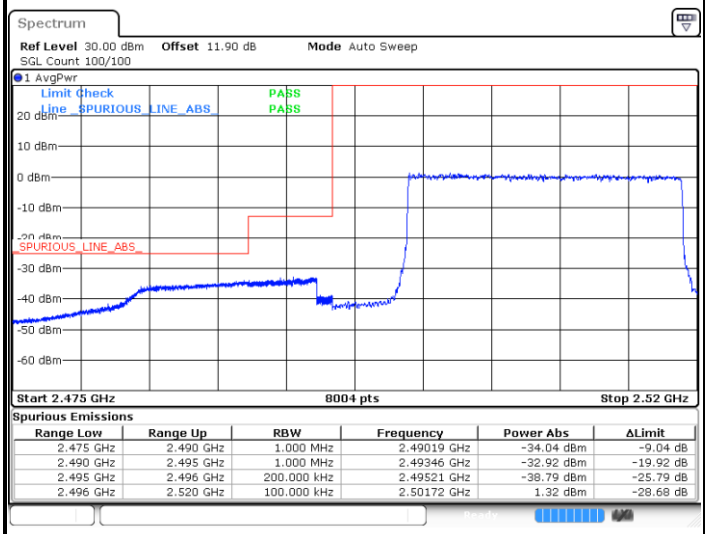


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56892 GHz	20.31 dBm	-9.69 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-16.17 dBm	-6.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-34.94 dBm	-24.94 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57787 GHz	-39.13 dBm	-26.13 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59407 GHz	-46.67 dBm	-21.67 dB

Date: 9.AUG.2017 17:49:46

Lowest Band Edge / Full RB

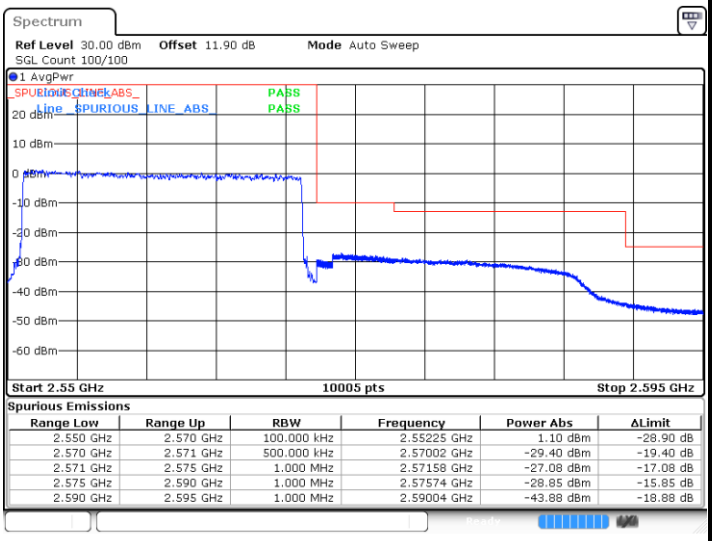


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49019 GHz	-34.04 dBm	-9.04 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49346 GHz	-32.92 dBm	-19.92 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49521 GHz	-38.79 dBm	-25.79 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50172 GHz	1.32 dBm	-28.68 dB

Date: 9.AUG.2017 17:42:35

Highest Band Edge / Full RB



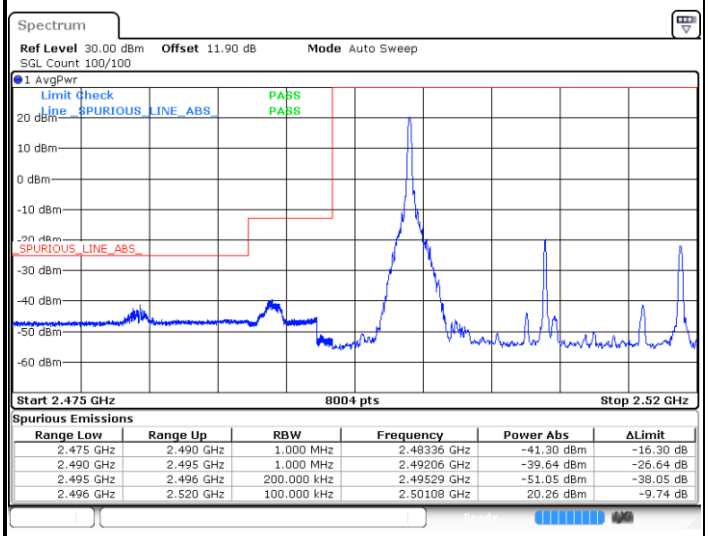
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55225 GHz	1.10 dBm	-28.90 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-29.40 dBm	-19.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57158 GHz	-27.08 dBm	-17.08 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57574 GHz	-28.85 dBm	-15.85 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59004 GHz	-43.88 dBm	-18.88 dB

Date: 9.AUG.2017 17:53:14

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48336 GHz	-41.30 dBm	-16.30 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49206 GHz	-39.64 dBm	-26.64 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49529 GHz	-51.05 dBm	-38.05 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50108 GHz	20.26 dBm	-9.74 dB

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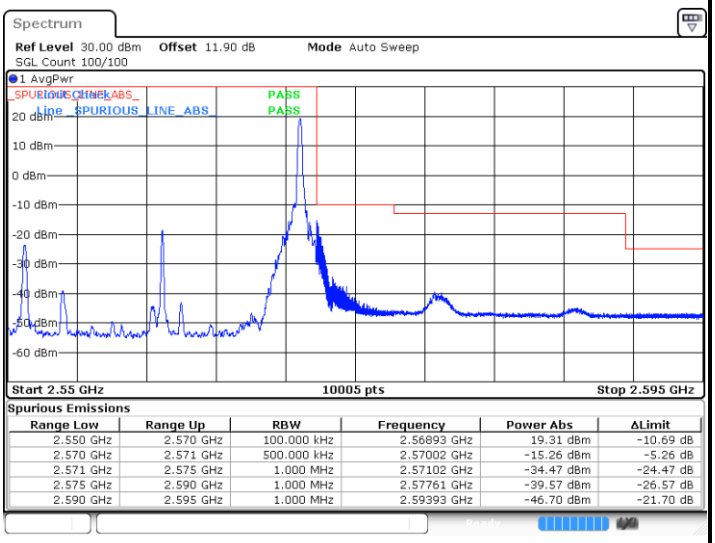
Highest Band Edge / 1RB

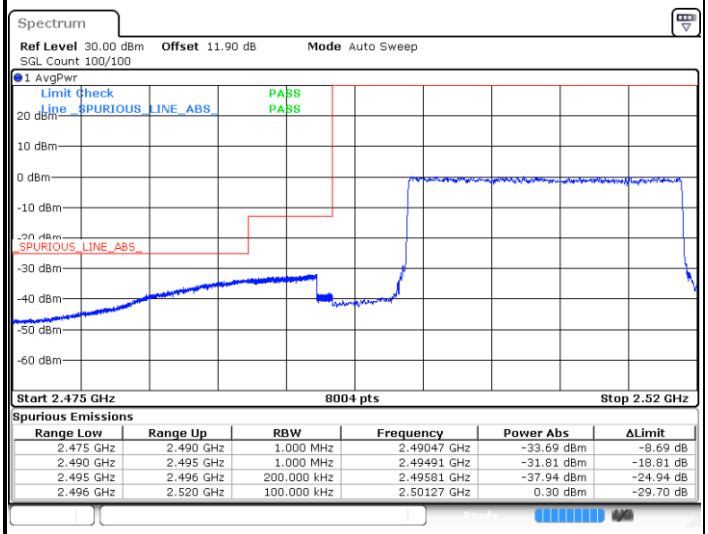


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	19.31 dBm	-10.69 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-15.26 dBm	-5.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57102 GHz	-34.47 dBm	-24.47 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57761 GHz	-39.57 dBm	-26.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59393 GHz	-46.70 dBm	-21.70 dB

Date: 9.AUG.2017 17:50:56

Lowest Band Edge / Full RB

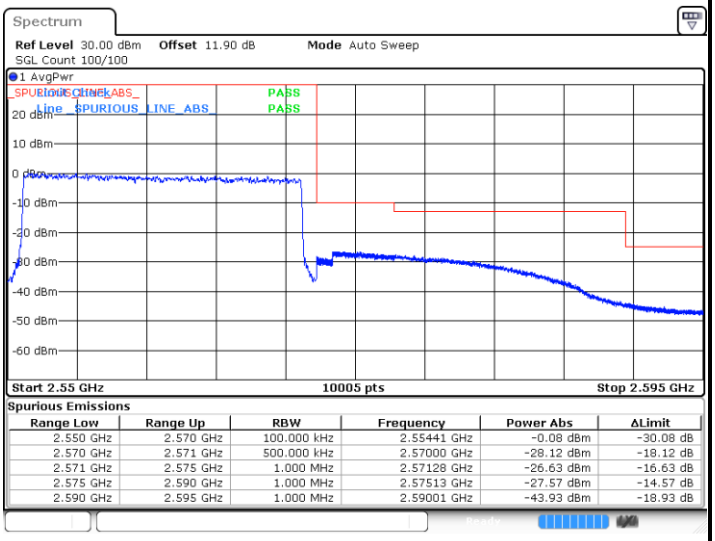


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-33.69 dBm	-8.69 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-31.81 dBm	-18.81 dB
2.495 GHz	2.496 GHz	200.000 kHz	2.49581 GHz	-37.94 dBm	-24.94 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50127 GHz	0.30 dBm	-29.70 dB

Date: 9.AUG.2017 17:43:44

Highest Band Edge / Full RB



Spurious Emissions

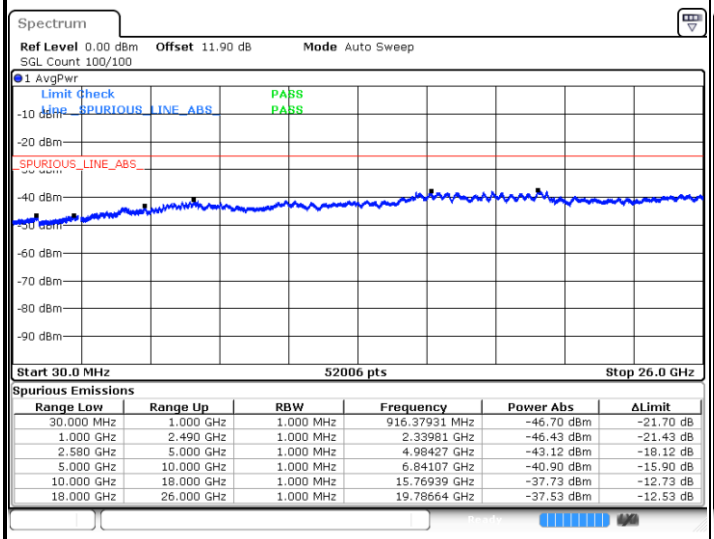
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55441 GHz	-0.08 dBm	-30.08 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57000 GHz	-28.12 dBm	-18.12 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57128 GHz	-26.63 dBm	-16.63 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57513 GHz	-27.57 dBm	-14.57 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59001 GHz	-43.93 dBm	-18.93 dB

Date: 9.AUG.2017 17:52:05

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

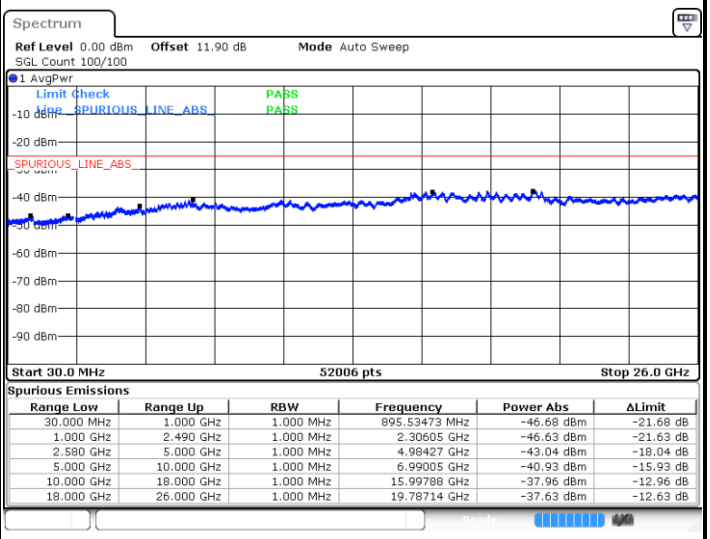


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-46.70 dBm	-21.70 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33981 GHz	-46.43 dBm	-21.43 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.12 dBm	-18.12 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.84107 GHz	-40.90 dBm	-15.90 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76939 GHz	-37.73 dBm	-12.73 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78664 GHz	-37.53 dBm	-12.53 dB

Date: 9.AUG.2017 16:37:03

Lowest Channel / 16QAM

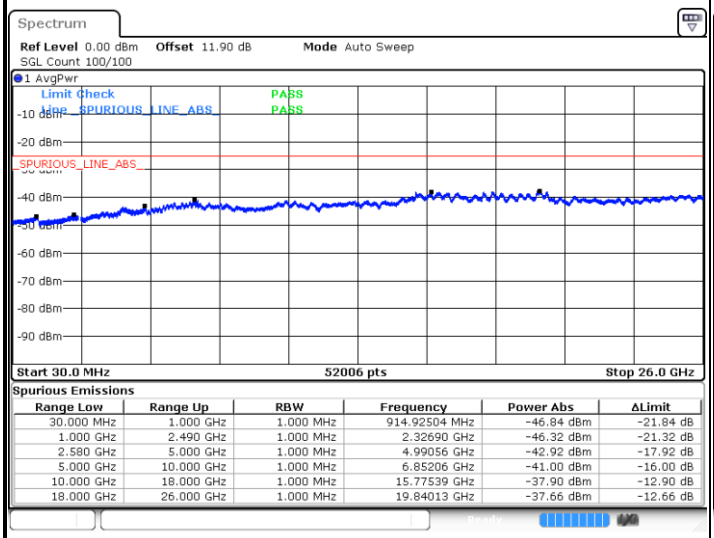


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	895.53473 MHz	-46.68 dBm	-21.68 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30605 GHz	-46.63 dBm	-21.63 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98427 GHz	-43.04 dBm	-18.04 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.99005 GHz	-40.93 dBm	-15.93 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.99788 GHz	-37.96 dBm	-12.96 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.78714 GHz	-37.63 dBm	-12.63 dB

Date: 9.AUG.2017 16:37:57

Middle Channel / QPSK

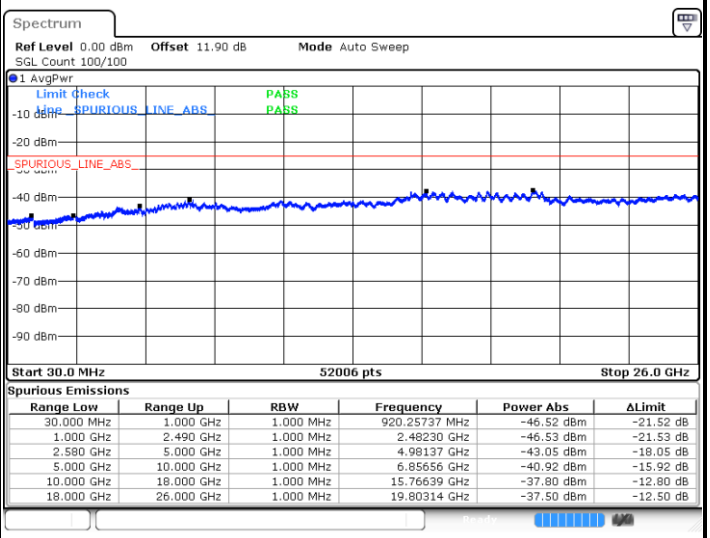


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	914.92504 MHz	-46.84 dBm	-21.84 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.32690 GHz	-46.32 dBm	-21.32 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.99056 GHz	-42.92 dBm	-17.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85206 GHz	-41.00 dBm	-16.00 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.77539 GHz	-37.90 dBm	-12.90 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.84013 GHz	-37.66 dBm	-12.66 dB

Date: 9.AUG.2017 16:39:30

Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	920.25737 MHz	-46.52 dBm	-21.52 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48230 GHz	-46.53 dBm	-21.53 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.98137 GHz	-43.05 dBm	-18.05 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.85656 GHz	-40.92 dBm	-15.92 dB
10.000 GHz	18.000 GHz	1.000 MHz	15.76639 GHz	-37.80 dBm	-12.80 dB
18.000 GHz	26.000 GHz	1.000 MHz	19.80314 GHz	-37.50 dBm	-12.50 dB

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