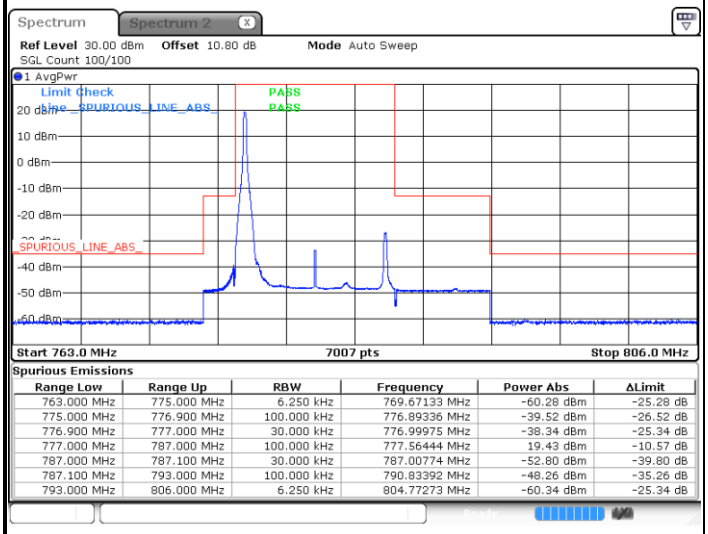
IC LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

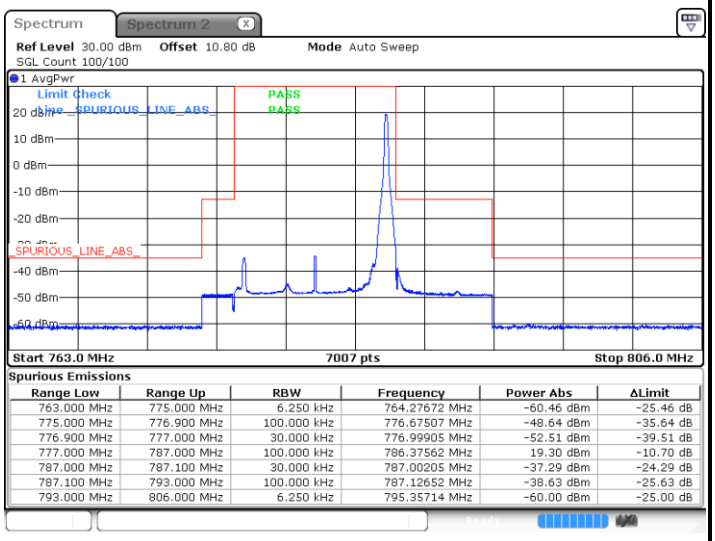


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	769.67133 MHz	-60.28 dBm	-25.28 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89336 MHz	-39.52 dBm	-26.52 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99975 MHz	-38.34 dBm	-25.34 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.56444 MHz	19.43 dBm	-10.57 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00774 MHz	-52.80 dBm	-39.80 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.83392 MHz	-48.26 dBm	-35.26 dB
793.000 MHz	806.000 MHz	6.250 kHz	804.77273 MHz	-60.34 dBm	-25.34 dB

Date: 6.MAR.2018 23:45:59

Highest Band Edge / 1 RB

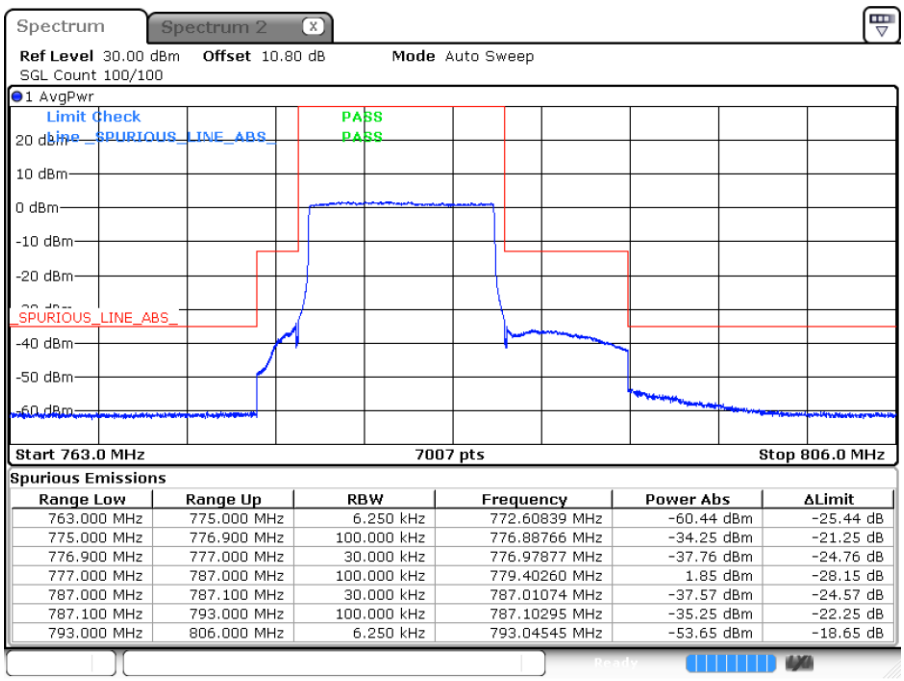


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.27672 MHz	-60.46 dBm	-25.46 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.67507 MHz	-48.64 dBm	-35.64 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99905 MHz	-52.51 dBm	-39.51 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.37562 MHz	19.30 dBm	-10.70 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00205 MHz	-37.29 dBm	-24.29 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.12652 MHz	-38.63 dBm	-25.63 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.35714 MHz	-60.00 dBm	-25.00 dB

Date: 6.MAR.2018 23:50:56

Band Edge / Full RB



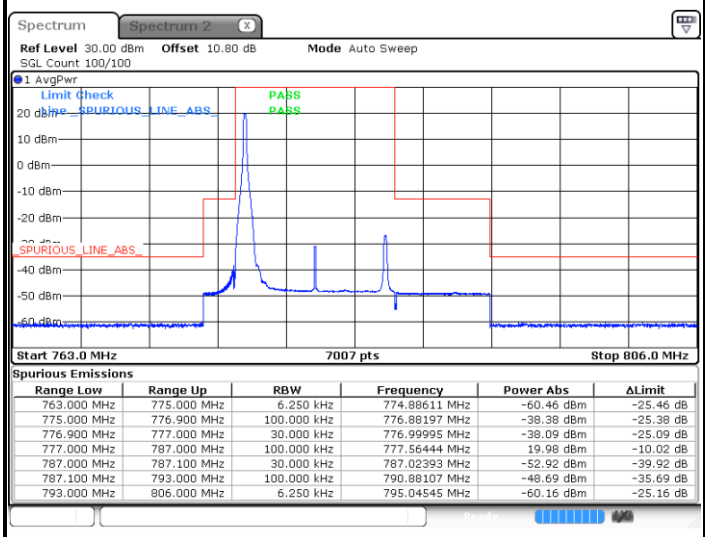
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	772.60839 MHz	-60.44 dBm	-25.44 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88766 MHz	-34.25 dBm	-21.25 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.97877 MHz	-37.76 dBm	-24.76 dB
777.000 MHz	787.000 MHz	100.000 kHz	779.40260 MHz	1.85 dBm	-28.15 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.01074 MHz	-37.57 dBm	-24.57 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-35.25 dBm	-22.25 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.04545 MHz	-53.65 dBm	-18.65 dB

Date: 6.MAR.2018 23:44:20

IC LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

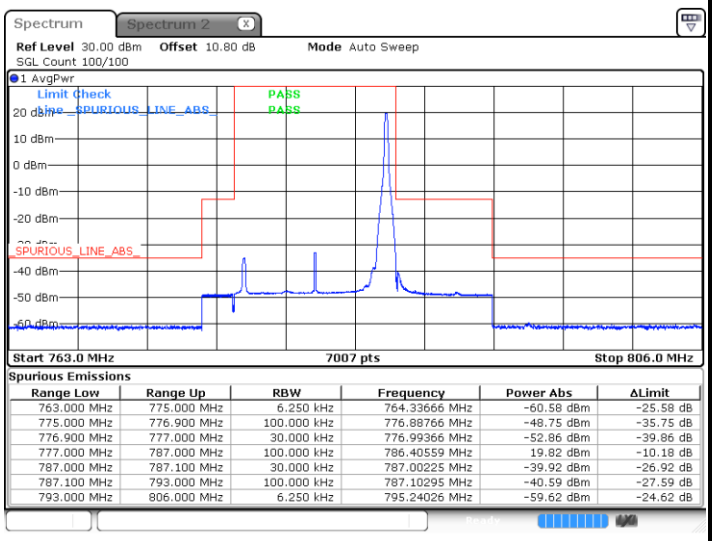


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.88611 MHz	-60.46 dBm	-25.46 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88197 MHz	-38.38 dBm	-25.38 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99995 MHz	-38.09 dBm	-25.09 dB
777.000 MHz	787.000 MHz	100.000 kHz	777.56444 MHz	19.98 dBm	-10.02 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.02393 MHz	-52.92 dBm	-39.92 dB
787.100 MHz	793.000 MHz	100.000 kHz	790.88107 MHz	-48.69 dBm	-35.69 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.04545 MHz	-60.16 dBm	-25.16 dB

Date: 7.MAR.2018 00:06:52

Highest Band Edge / 1 RB

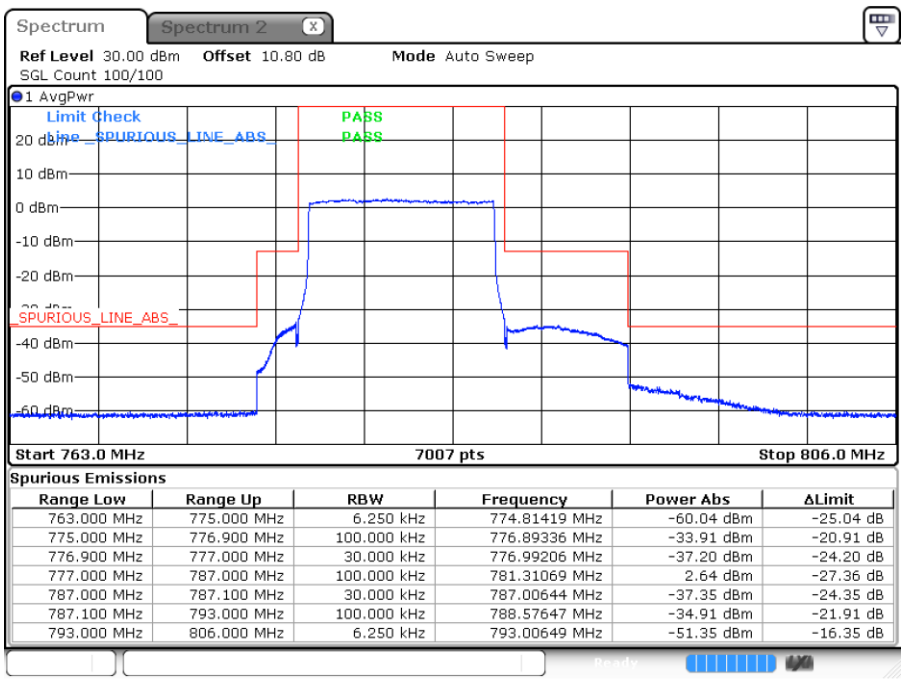


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	764.33666 MHz	-60.58 dBm	-25.58 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.88766 MHz	-48.75 dBm	-35.75 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99366 MHz	-52.86 dBm	-39.86 dB
777.000 MHz	787.000 MHz	100.000 kHz	786.40559 MHz	19.82 dBm	-10.18 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00225 MHz	-39.92 dBm	-26.92 dB
787.100 MHz	793.000 MHz	100.000 kHz	787.10295 MHz	-40.59 dBm	-27.59 dB
793.000 MHz	806.000 MHz	6.250 kHz	795.24026 MHz	-59.62 dBm	-24.62 dB

Date: 7.MAR.2018 00:08:31

Band Edge / Full RB



Spurious Emissions

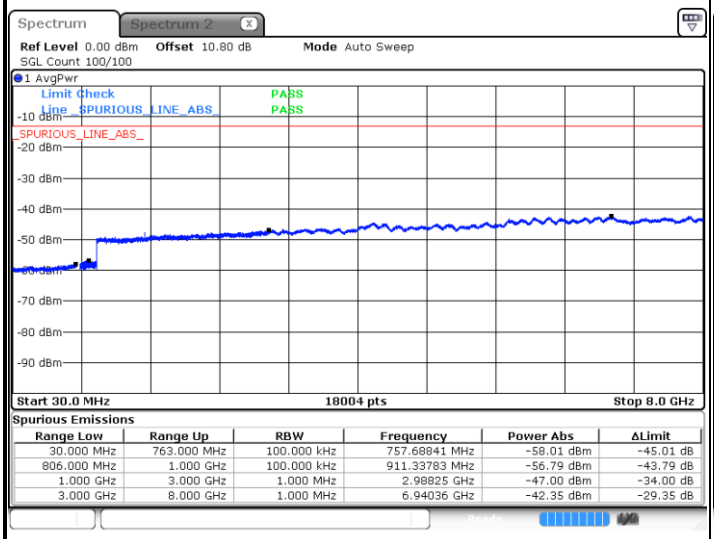
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
763.000 MHz	775.000 MHz	6.250 kHz	774.81419 MHz	-60.04 dBm	-25.04 dB
775.000 MHz	776.900 MHz	100.000 kHz	776.89336 MHz	-33.91 dBm	-20.91 dB
776.900 MHz	777.000 MHz	30.000 kHz	776.99206 MHz	-37.20 dBm	-24.20 dB
777.000 MHz	787.000 MHz	100.000 kHz	781.31069 MHz	2.64 dBm	-27.36 dB
787.000 MHz	787.100 MHz	30.000 kHz	787.00644 MHz	-37.35 dBm	-24.35 dB
787.100 MHz	793.000 MHz	100.000 kHz	788.57647 MHz	-34.91 dBm	-21.91 dB
793.000 MHz	806.000 MHz	6.250 kHz	793.00649 MHz	-51.35 dBm	-16.35 dB

Date: 7.MAR.2018 00:05:13

Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

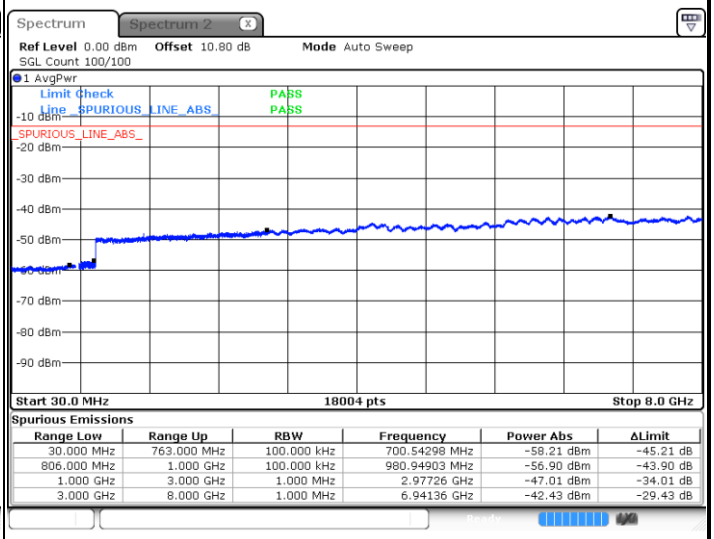


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	757.68841 MHz	-58.01 dBm	-45.01 dB
806.000 MHz	1.000 GHz	100.000 kHz	911.33783 MHz	-56.79 dBm	-43.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98825 GHz	-47.00 dBm	-34.00 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94036 GHz	-42.35 dBm	-29.35 dB

Date: 6.MAR.2018 22:38:55

Lowest Channel / 16QAM

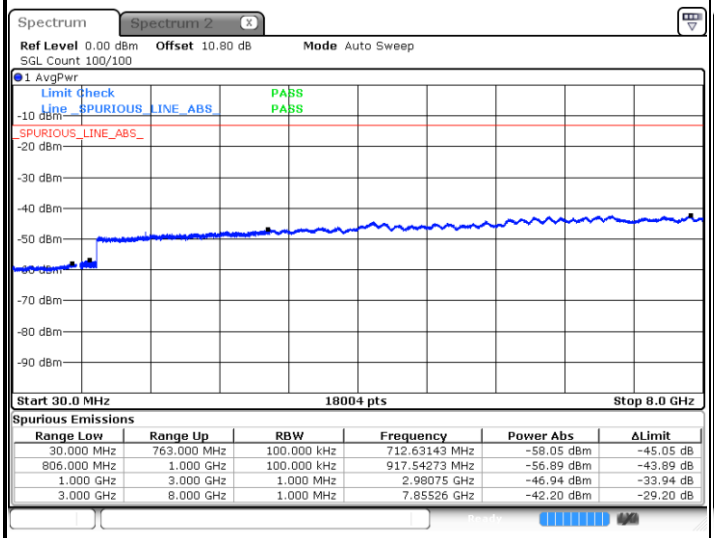


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	700.54298 MHz	-58.21 dBm	-45.21 dB
806.000 MHz	1.000 GHz	100.000 kHz	980.94903 MHz	-56.90 dBm	-43.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97726 GHz	-47.01 dBm	-34.01 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94136 GHz	-42.43 dBm	-29.43 dB

Date: 6.MAR.2018 22:39:48

Middle Channel / QPSK

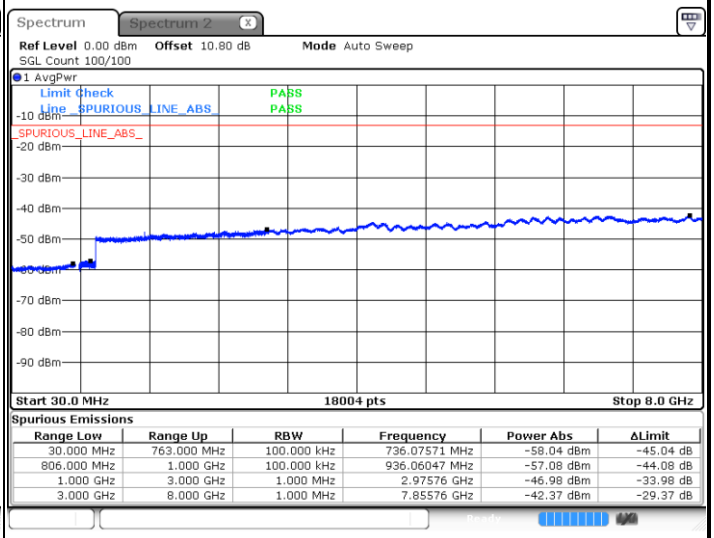


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	712.63143 MHz	-58.05 dBm	-45.05 dB
806.000 MHz	1.000 GHz	100.000 kHz	917.54273 MHz	-56.89 dBm	-43.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98075 GHz	-46.94 dBm	-33.94 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85526 GHz	-42.20 dBm	-29.20 dB

Date: 6.MAR.2018 22:41:35

Middle Channel / 16QAM



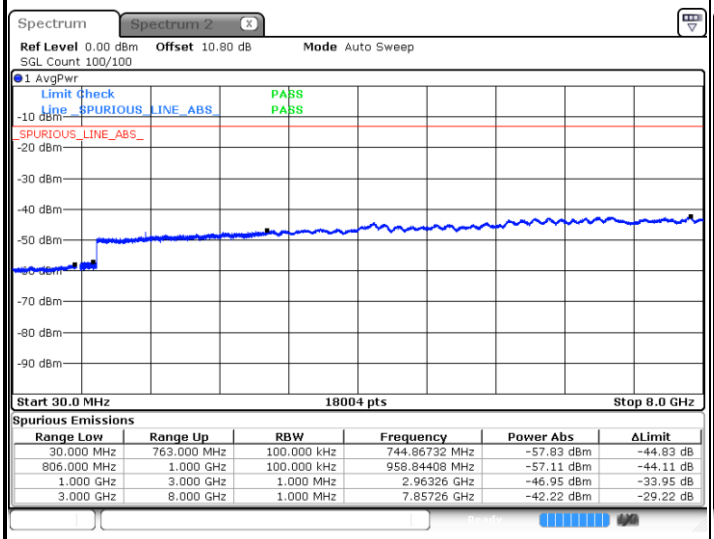
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	736.07571 MHz	-58.04 dBm	-45.04 dB
806.000 MHz	1.000 GHz	100.000 kHz	936.06047 MHz	-57.08 dBm	-44.08 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97576 GHz	-46.98 dBm	-33.98 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85576 GHz	-42.37 dBm	-29.37 dB

Date: 6.MAR.2018 22:40:42

LTE Band 13 / 5MHz

Highest Channel / QPSK

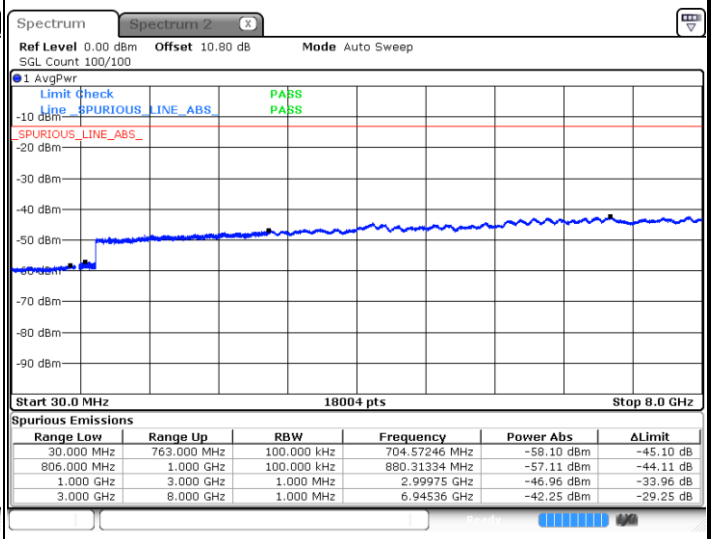


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	744.86732 MHz	-57.83 dBm	-44.83 dB
806.000 MHz	1.000 GHz	100.000 kHz	958.84408 MHz	-57.11 dBm	-44.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96326 GHz	-46.95 dBm	-33.95 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85726 GHz	-42.22 dBm	-29.22 dB

Date: 6.MAR.2018 23:05:10

Highest Channel / 16QAM



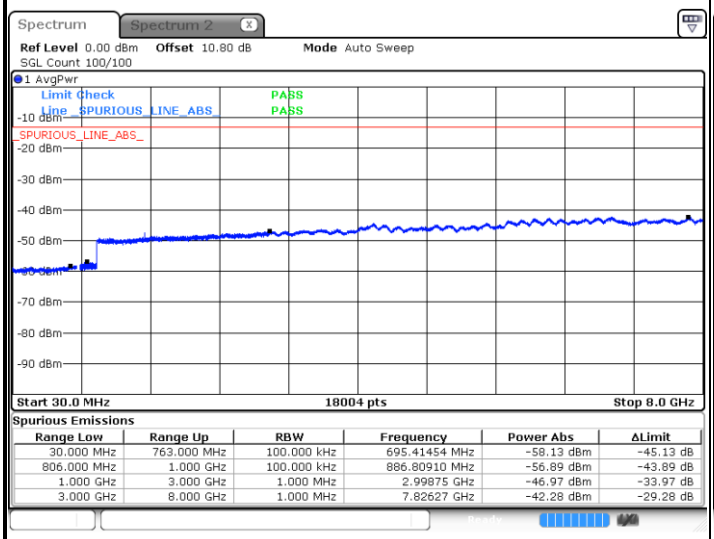
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	704.57246 MHz	-58.10 dBm	-45.10 dB
806.000 MHz	1.000 GHz	100.000 kHz	880.31334 MHz	-57.11 dBm	-44.11 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99975 GHz	-46.96 dBm	-33.96 dB
3.000 GHz	8.000 GHz	1.000 MHz	6.94536 GHz	-42.25 dBm	-29.25 dB

Date: 6.MAR.2018 23:06:03

LTE Band 13 / 10MHz

Middle Channel / QPSK

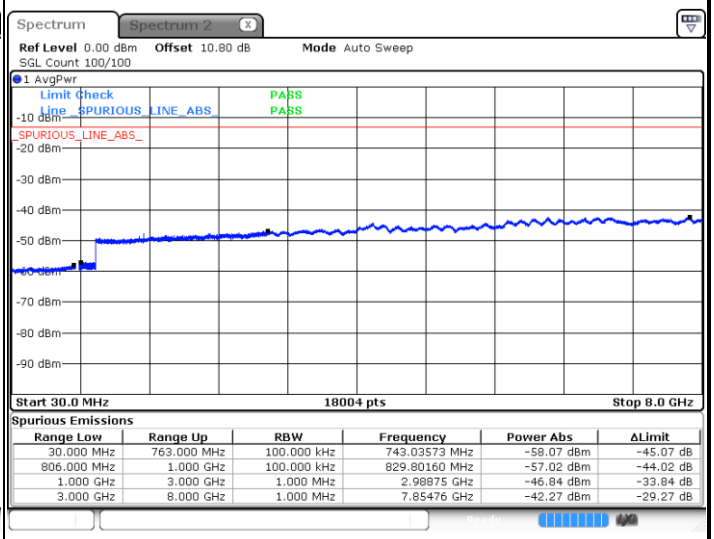


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	695.41454 MHz	-58.13 dBm	-45.13 dB
806.000 MHz	1.000 GHz	100.000 kHz	886.80910 MHz	-56.89 dBm	-43.89 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-46.97 dBm	-33.97 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.82627 GHz	-42.28 dBm	-29.28 dB

Date: 6.MAR.2018 23:18:24

Middle Channel / 16QAM



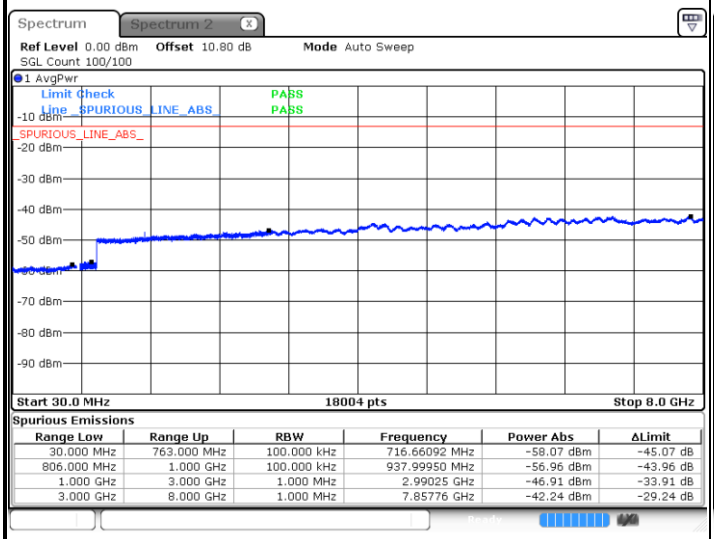
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	743.03573 MHz	-58.07 dBm	-45.07 dB
806.000 MHz	1.000 GHz	100.000 kHz	829.80160 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98875 GHz	-46.84 dBm	-33.84 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85476 GHz	-42.27 dBm	-29.27 dB

Date: 6.MAR.2018 23:17:31

LTE Band 13 / 5MHz

Lowest Channel / 64QAM

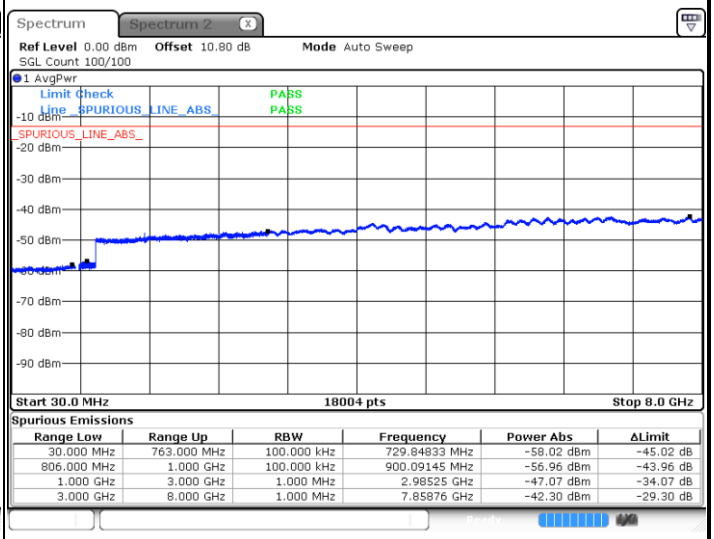


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	716.66092 MHz	-58.07 dBm	-45.07 dB
806.000 MHz	1.000 GHz	100.000 kHz	937.99950 MHz	-56.96 dBm	-43.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99025 GHz	-46.91 dBm	-33.91 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85776 GHz	-42.24 dBm	-29.24 dB

Date: 7.MAR.2018 00:18:43

Middle Channel / 64QAM

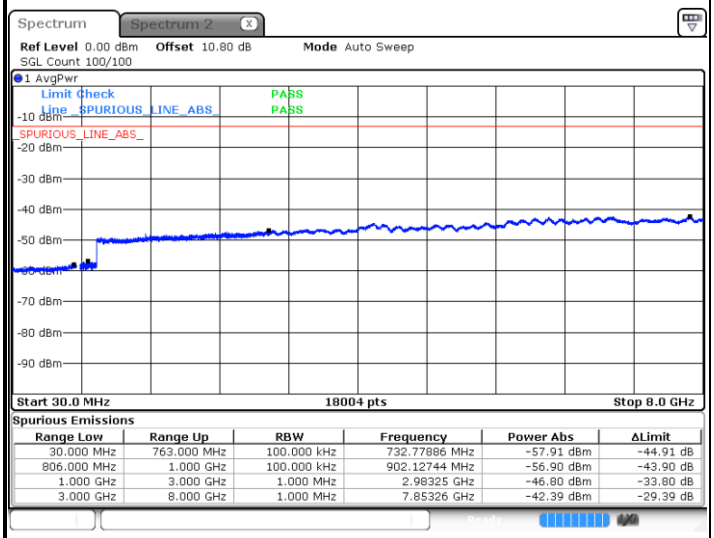


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	729.84833 MHz	-58.02 dBm	-45.02 dB
806.000 MHz	1.000 GHz	100.000 kHz	900.09145 MHz	-56.96 dBm	-43.96 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98525 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85876 GHz	-42.30 dBm	-29.30 dB

Date: 7.MAR.2018 00:19:37

Highest Channel / 64QAM

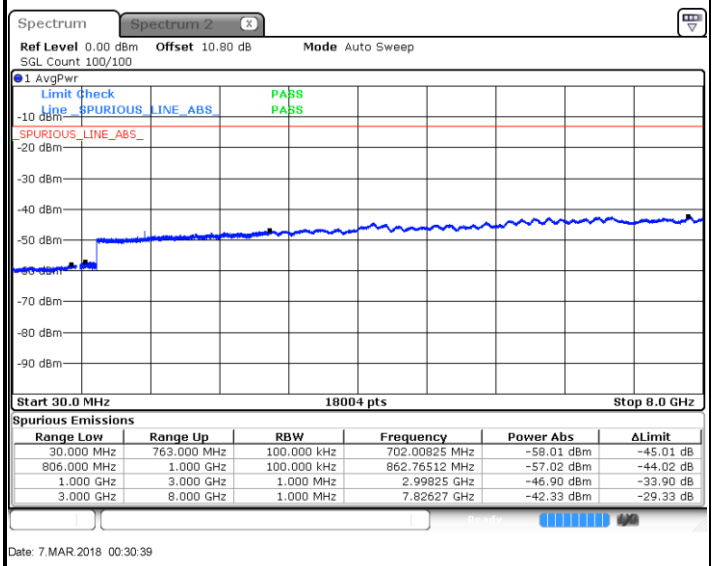


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	732.77886 MHz	-57.91 dBm	-44.91 dB
806.000 MHz	1.000 GHz	100.000 kHz	902.12744 MHz	-56.90 dBm	-43.90 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98325 GHz	-46.80 dBm	-33.80 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.85326 GHz	-42.39 dBm	-29.39 dB

Date: 7.MAR.2018 00:24:29

LTE Band 13 / 10MHz	
Middle Channel / 64QAM	



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	702.00825 MHz	-58.01 dBm	-45.01 dB
806.000 MHz	1.000 GHz	100.000 kHz	862.76512 MHz	-57.02 dBm	-44.02 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99825 GHz	-46.90 dBm	-33.90 dB
3.000 GHz	8.000 GHz	1.000 MHz	7.82627 GHz	-42.33 dBm	-29.33 dB

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0070	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note:

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

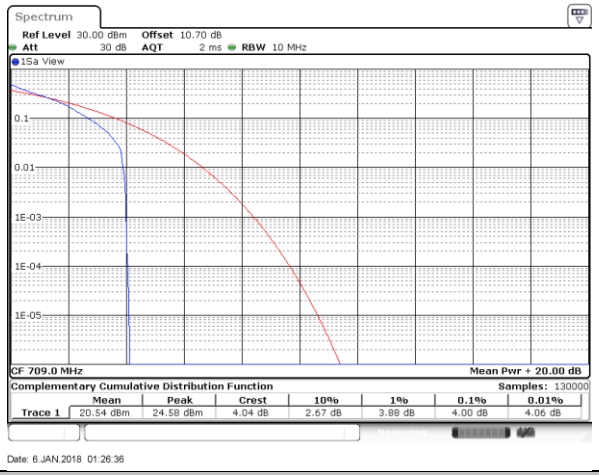
LTE Band 17

Peak-to-Average Ratio

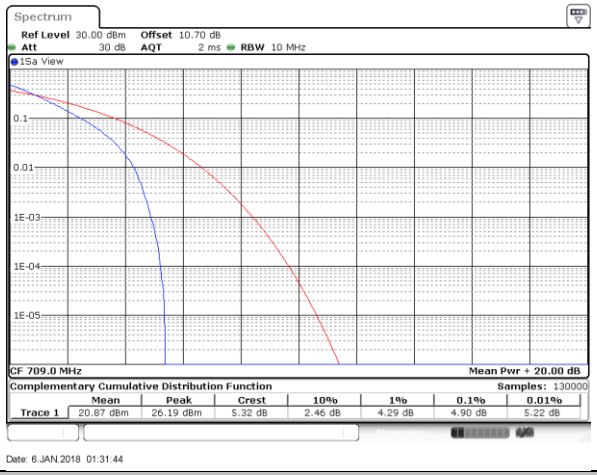
Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4	4.9	5.28	5.74	PASS
Middle CH	4.23	4.93	5.13	5.77	
Highest CH	3.83	4.84	4.96	5.8	
Mode	LTE Band 17 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.04	5.74	-	-	PASS
Middle CH	5.01	5.97	-	-	
Highest CH	4.99	6.12	-	-	

LTE Band 17 / 10MHz / QPSK

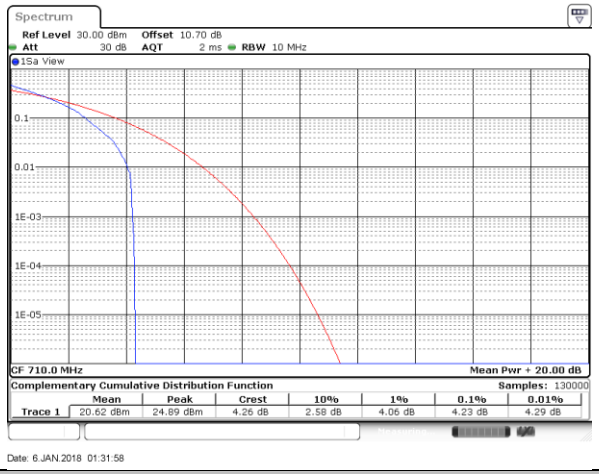
Lowest Channel / 1RB



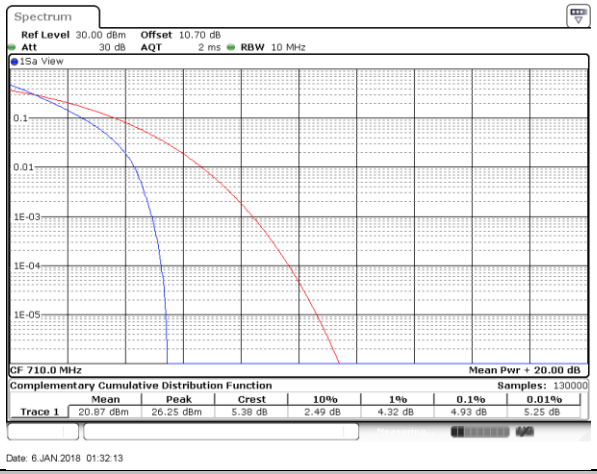
Lowest Channel / Full RB



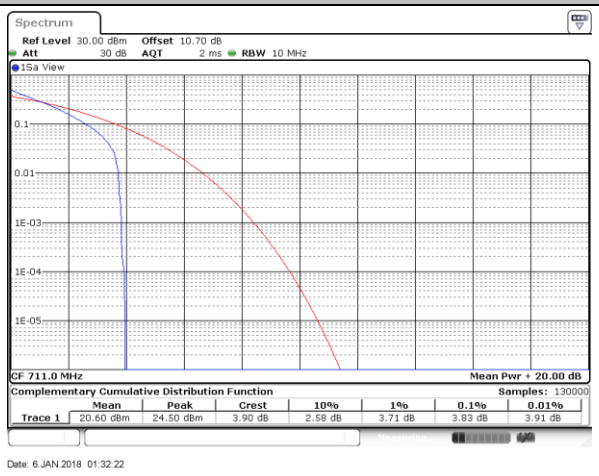
Middle Channel / 1RB



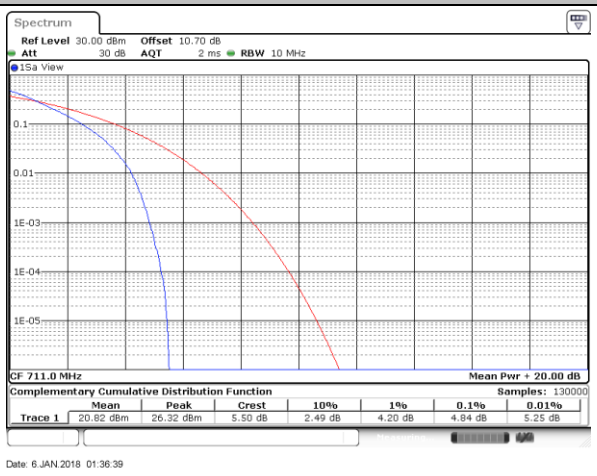
Middle Channel / Full RB



Highest Channel / 1RB

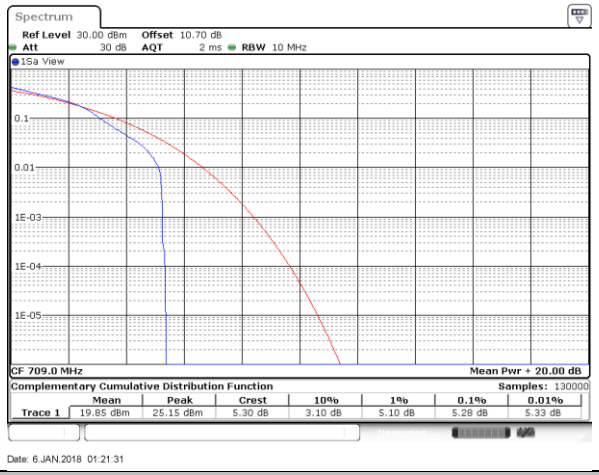


Highest Channel / Full RB

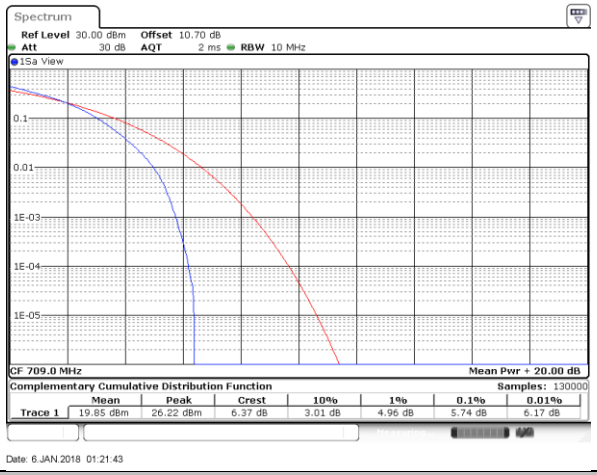


LTE Band 17 / 10MHz / 16QAM

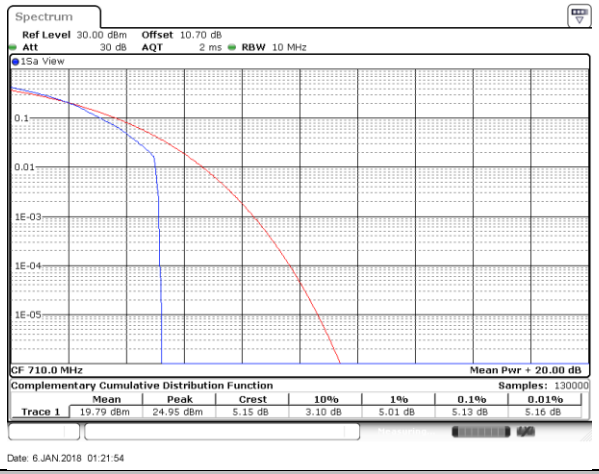
Lowest Channel / 1RB



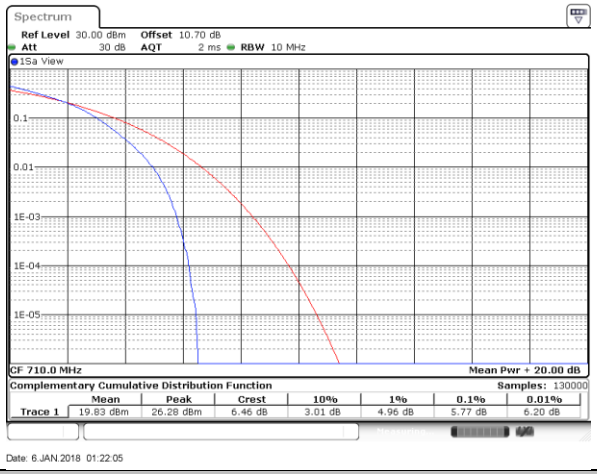
Lowest Channel / Full RB



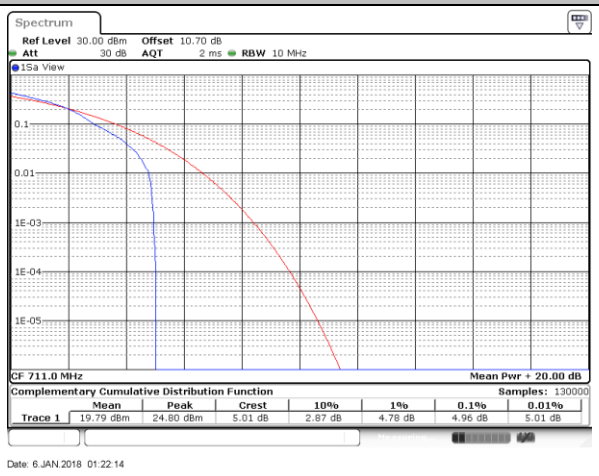
Middle Channel / 1RB



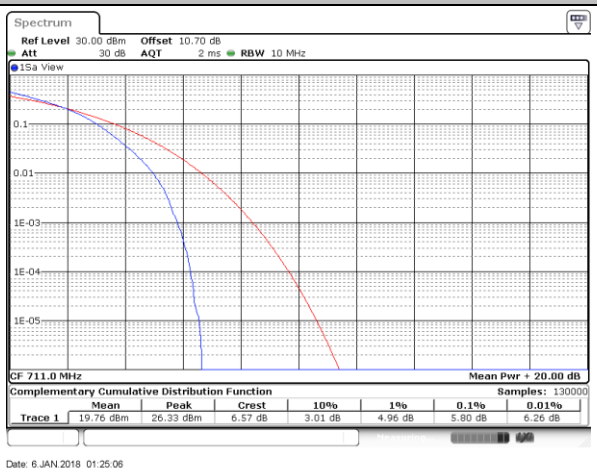
Middle Channel / Full RB



Highest Channel / 1RB

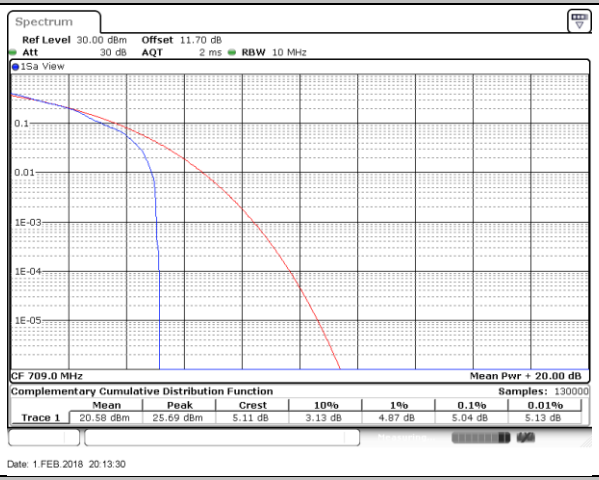


Highest Channel / Full RB

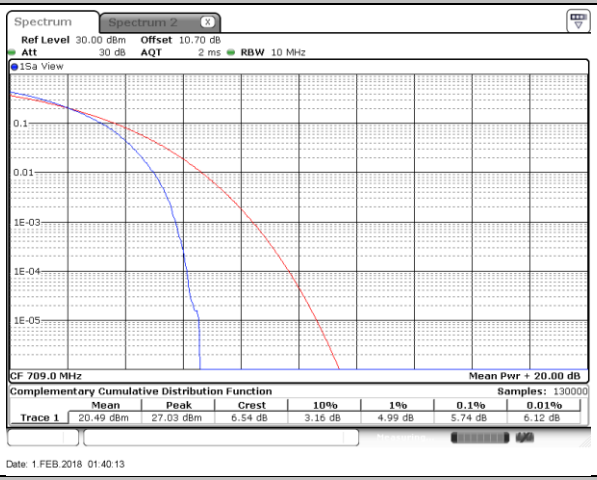


LTE Band 17 / 10MHz / 64QAM

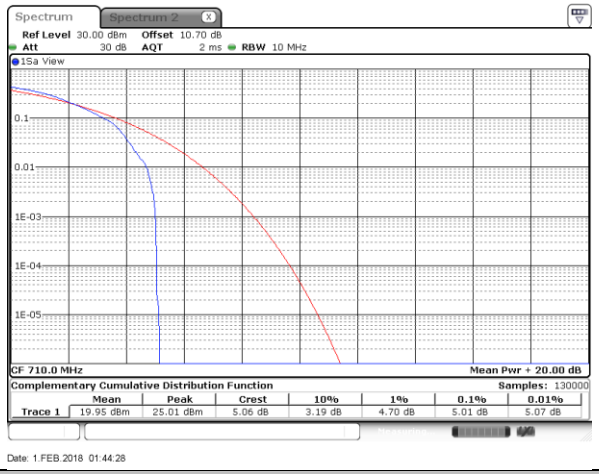
Lowest Channel / 1RB



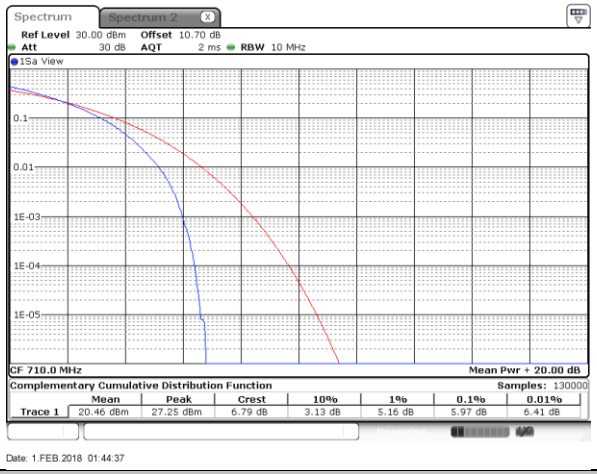
Lowest Channel / Full RB



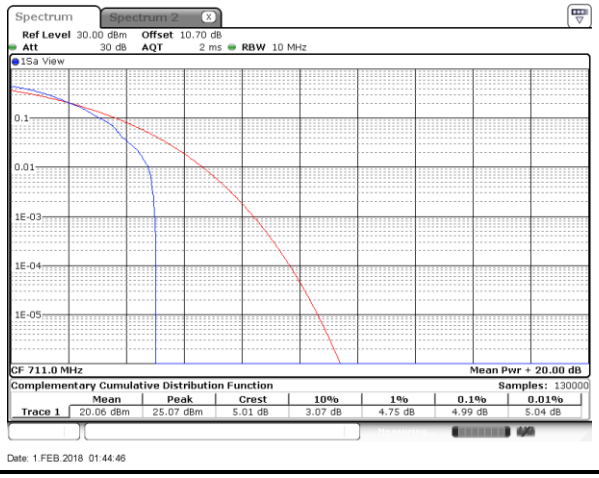
Middle Channel / 1RB



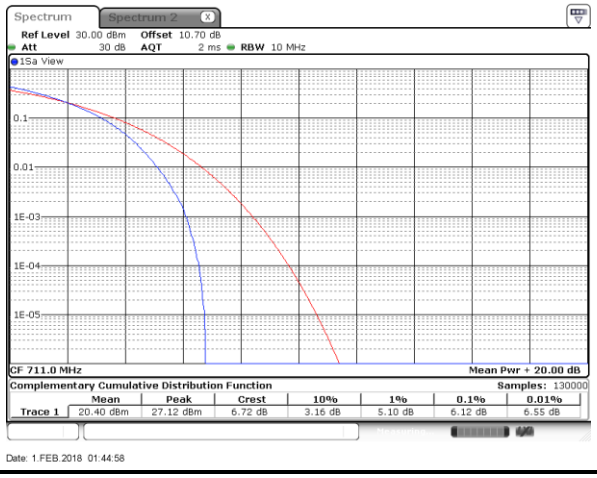
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

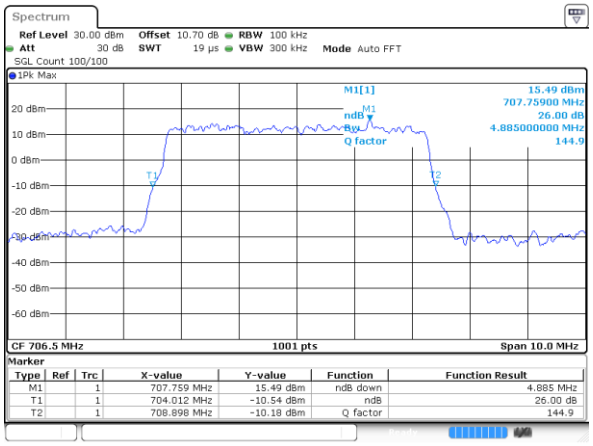


26dB Bandwidth

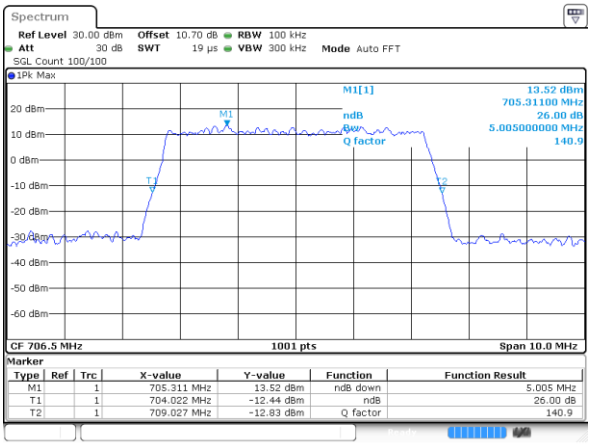
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.89	5.01	9.77	10.01	-	-	-	-
Middle CH	-	-	-	-	4.98	4.88	9.89	9.75	-	-	-	-
Highest CH	-	-	-	-	4.96	4.95	9.87	9.61	-	-	-	-
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.94	-	9.71	-	-	-	-	-
Middle CH	-	-	-	-	4.89	-	9.79	-	-	-	-	-
Highest CH	-	-	-	-	4.91	-	9.91	-	-	-	-	-

LTE Band 17

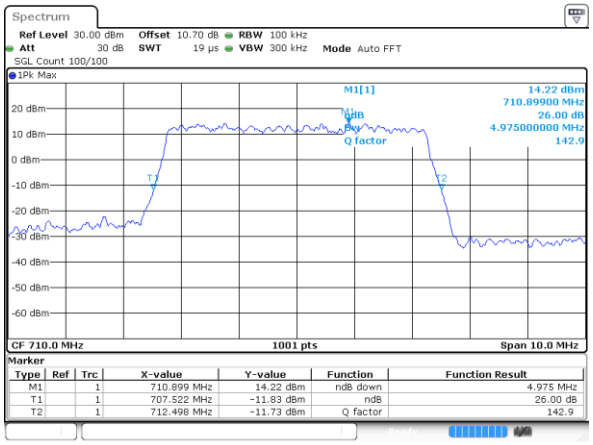
Lowest Channel / 5MHz / QPSK



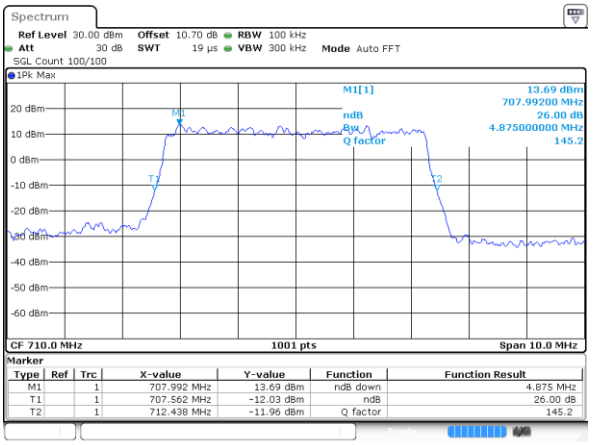
Lowest Channel / 5MHz / 16QAM



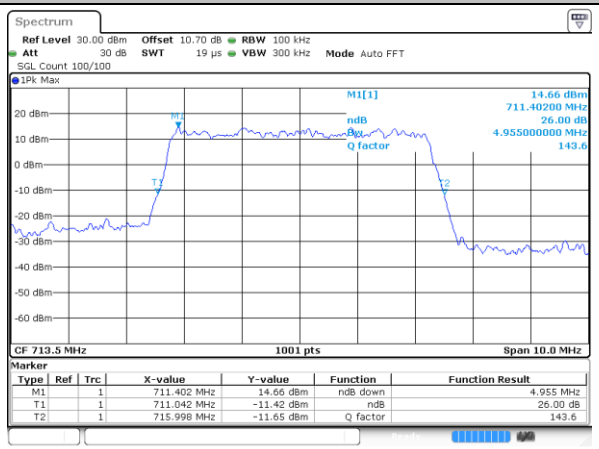
Middle Channel / 5MHz / QPSK



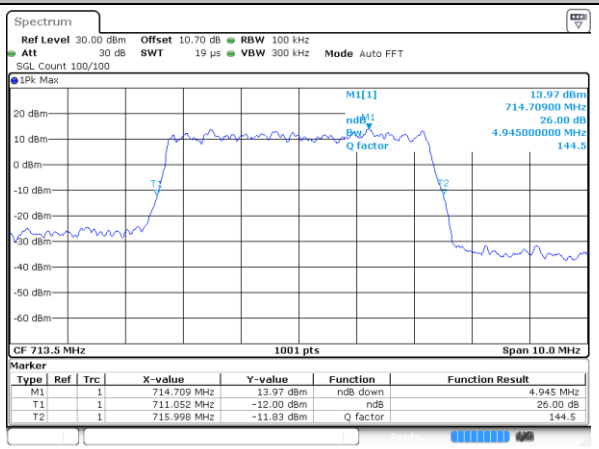
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

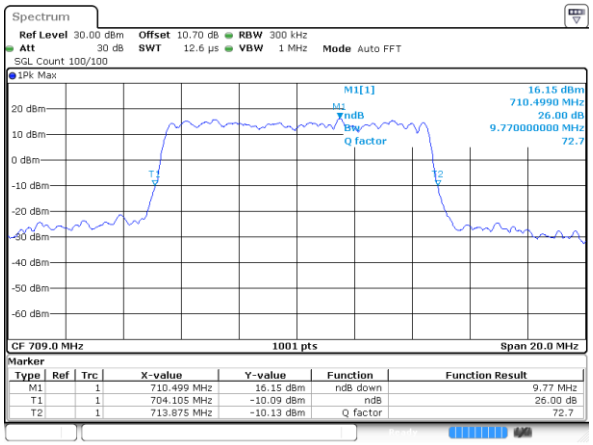


Highest Channel / 5MHz / 16QAM



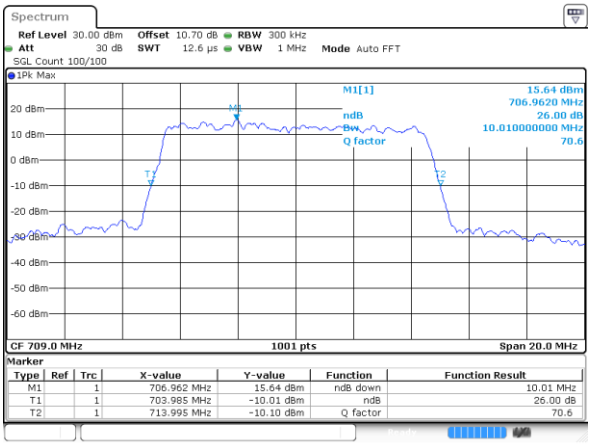
LTE Band 17

Lowest Channel / 10MHz / QPSK



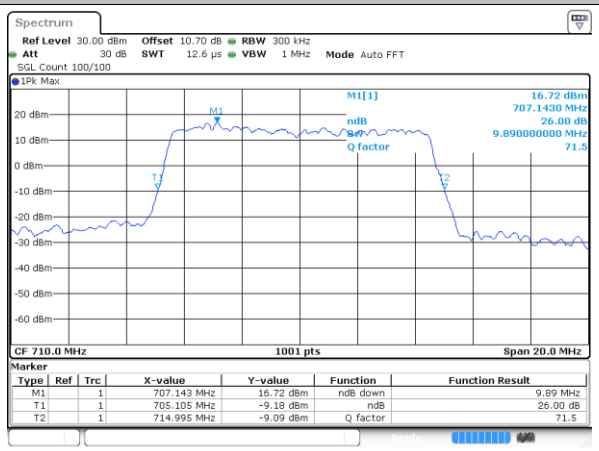
Date: 6.JAN.2018 00:36:13

Lowest Channel / 10MHz / 16QAM



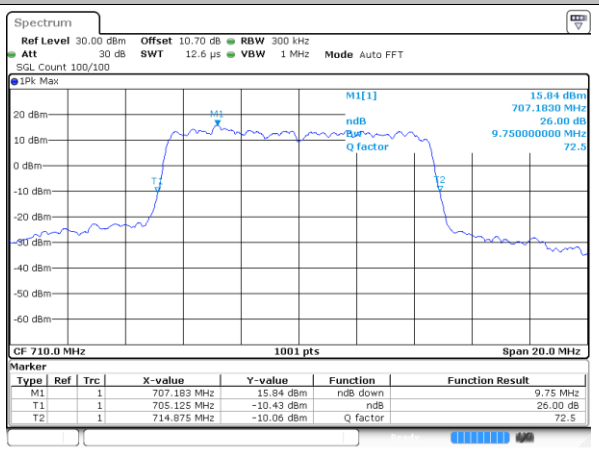
Date: 6.JAN.2018 00:36:23

Middle Channel / 10MHz / QPSK



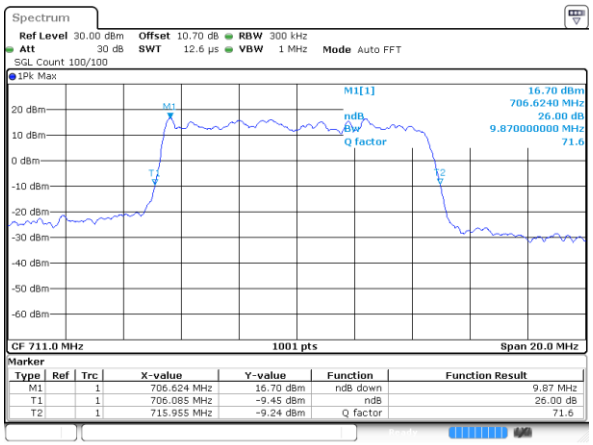
Date: 6.JAN.2018 00:43:15

Middle Channel / 10MHz / 16QAM



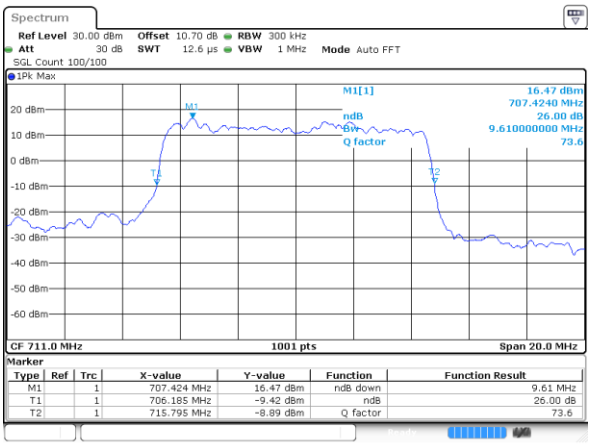
Date: 6.JAN.2018 00:43:25

Highest Channel / 10MHz / QPSK



Date: 6.JAN.2018 00:45:43

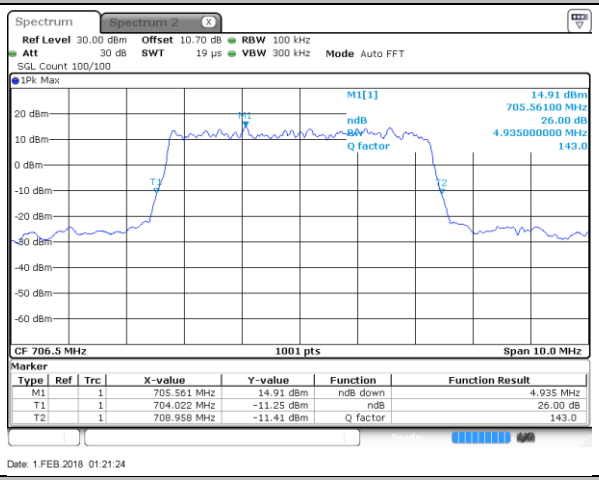
Highest Channel / 10MHz / 16QAM



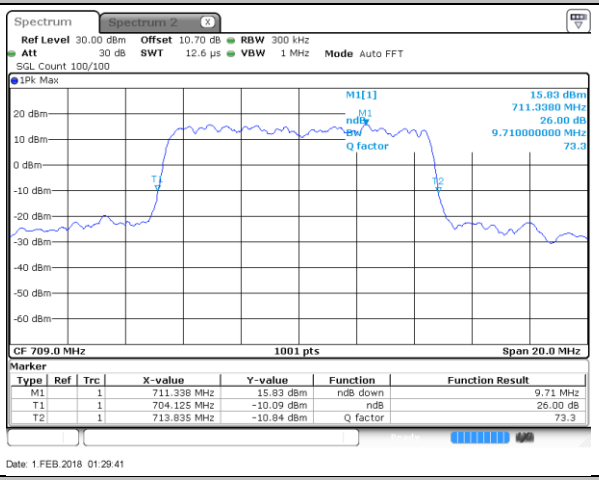
Date: 6.JAN.2018 00:45:53

LTE Band 17

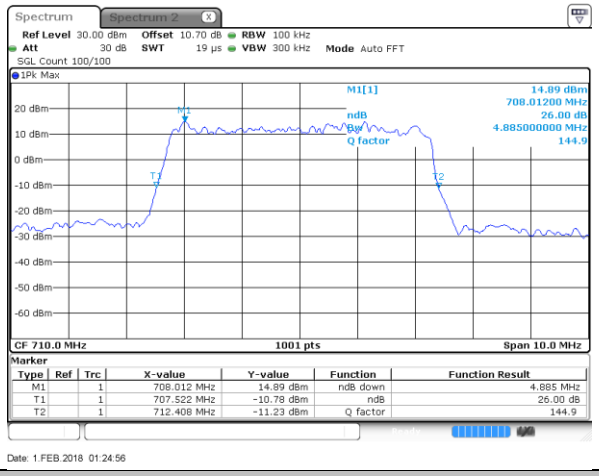
Lowest Channel / 5MHz / 64QAM



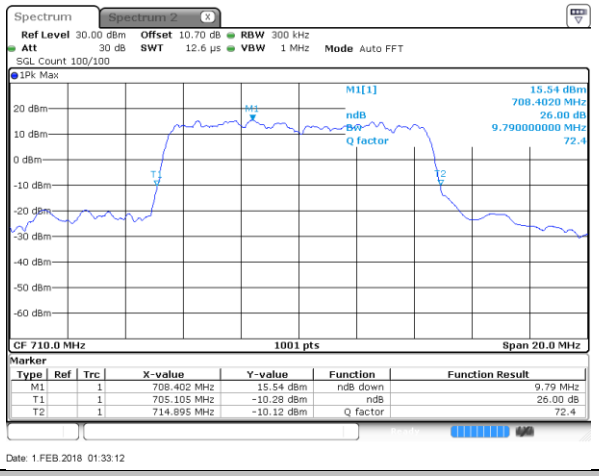
Lowest Channel / 10MHz / 64QAM



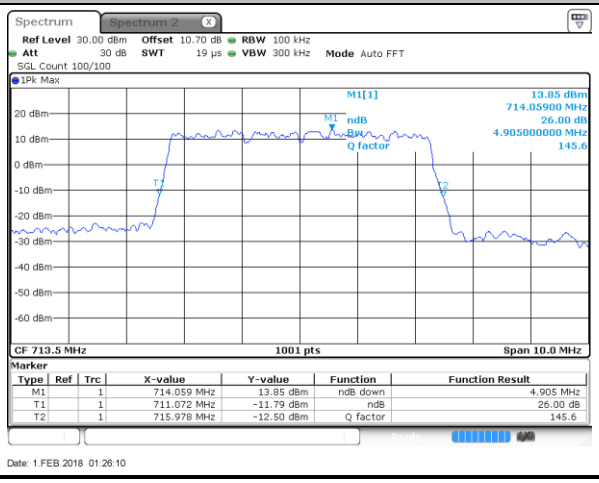
Middle Channel / 5MHz / 64QAM



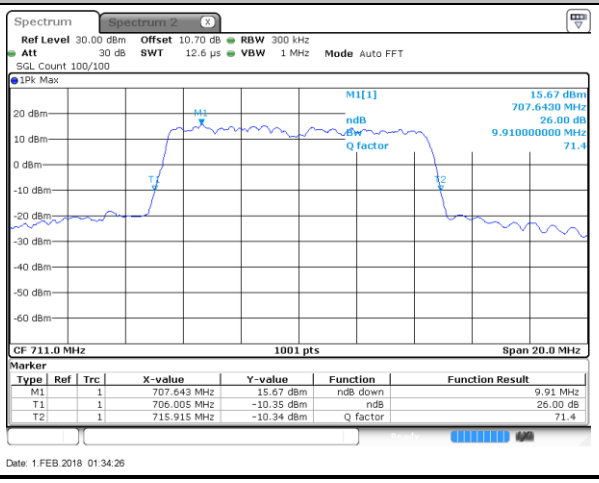
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

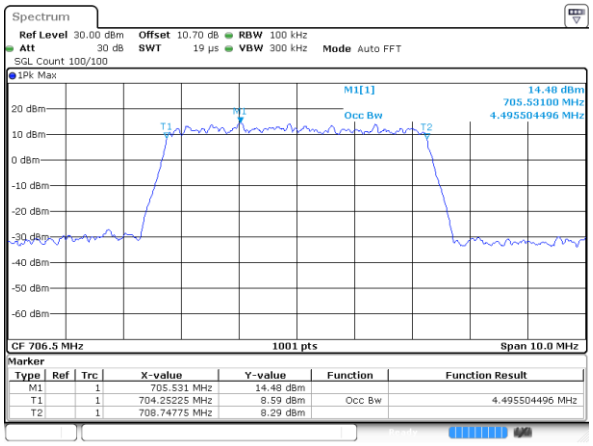


Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.47	9.05	9.07	-	-	-	-
Middle CH	-	-	-	-	4.5	4.49	8.97	9.01	-	-	-	-
Highest CH	-	-	-	-	4.47	4.49	9.05	8.95	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.47	-	9.03	-	-	-	-	-
Middle CH	-	-	-	-	4.49	-	9.05	-	-	-	-	-
Highest CH	-	-	-	-	4.51	-	9.05	-	-	-	-	-

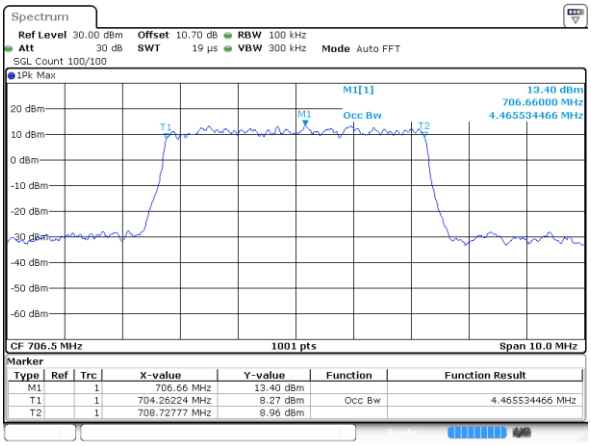
LTE Band 17

Lowest Channel / 5MHz / QPSK



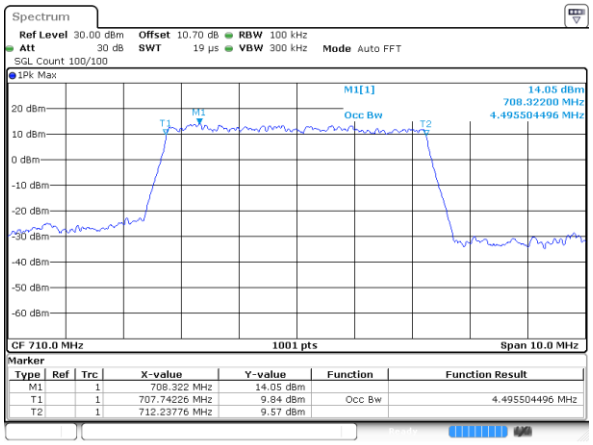
Date: 6.JAN.2018 00:19:21

Lowest Channel / 5MHz / 16QAM



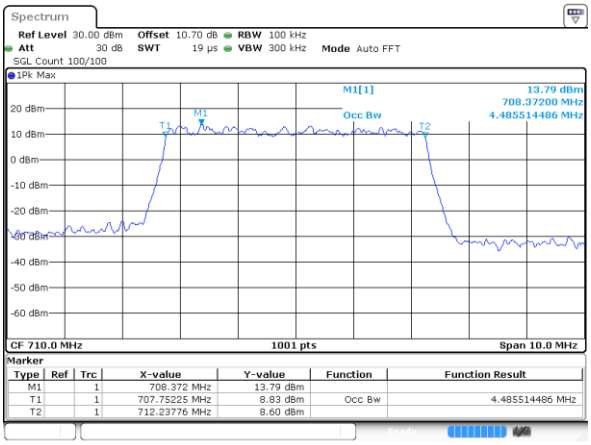
Date: 6.JAN.2018 00:19:31

Middle Channel / 5MHz / QPSK



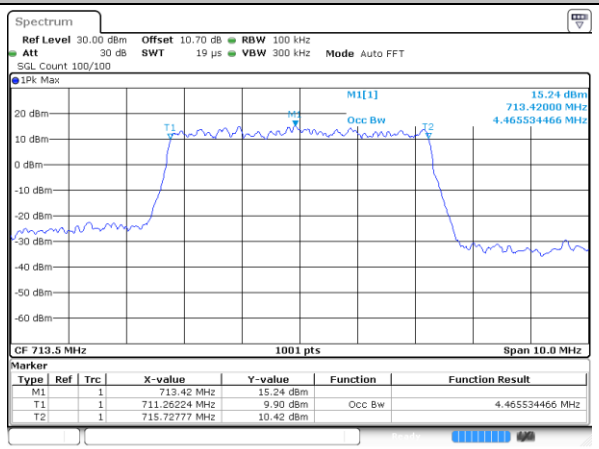
Date: 6.JAN.2018 00:26:23

Middle Channel / 5MHz / 16QAM



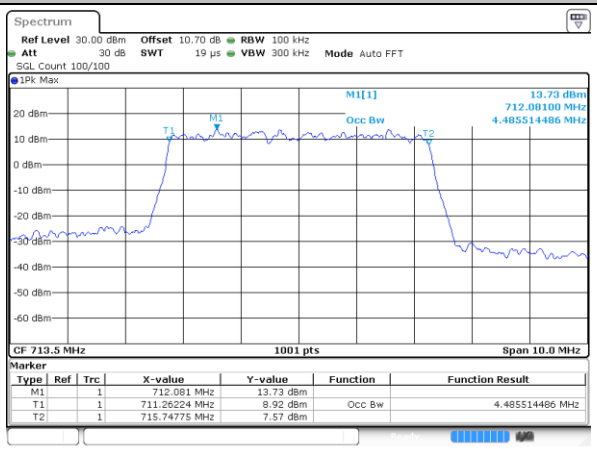
Date: 6.JAN.2018 00:26:33

Highest Channel / 5MHz / QPSK



Date: 6.JAN.2018 00:28:50

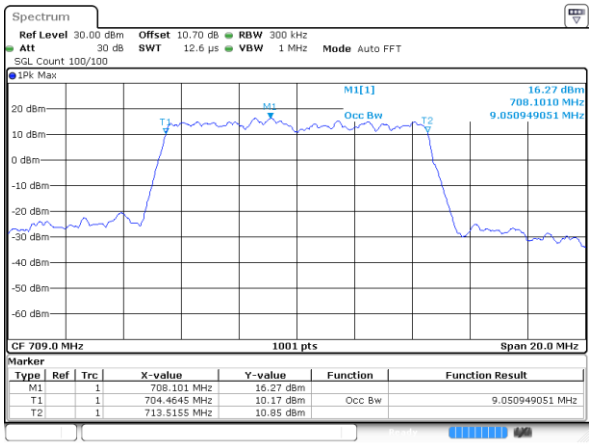
Highest Channel / 5MHz / 16QAM



Date: 6.JAN.2018 00:29:01

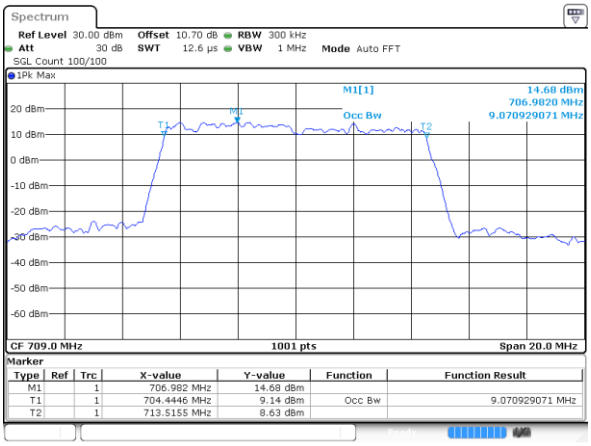
LTE Band 17

Lowest Channel / 10MHz / QPSK



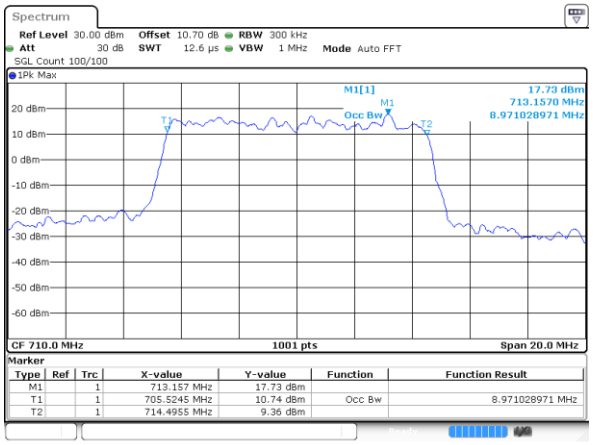
Date: 6.JAN.2018 00:35:53

Lowest Channel / 10MHz / 16QAM



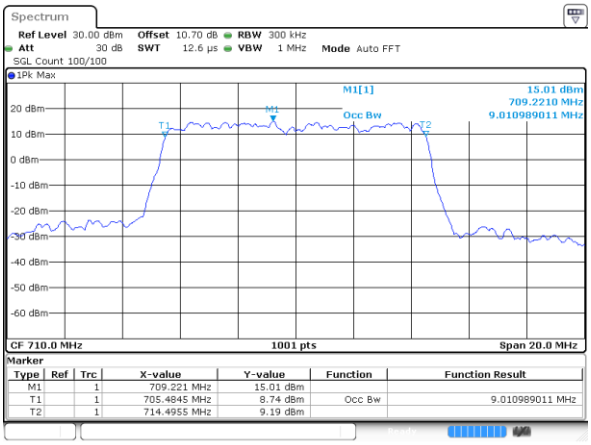
Date: 6.JAN.2018 00:36:03

Middle Channel / 10MHz / QPSK



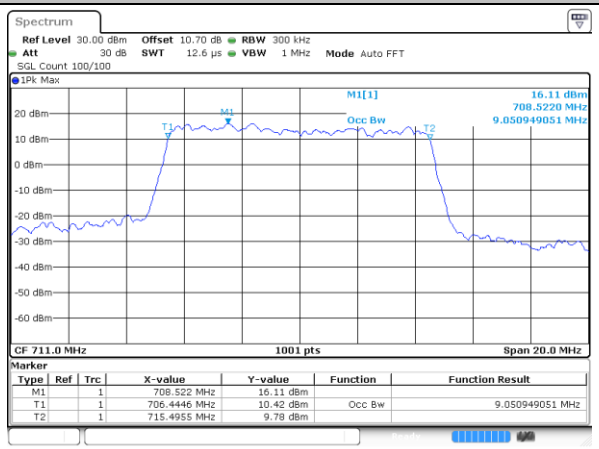
Date: 6.JAN.2018 00:42:55

Middle Channel / 10MHz / 16QAM



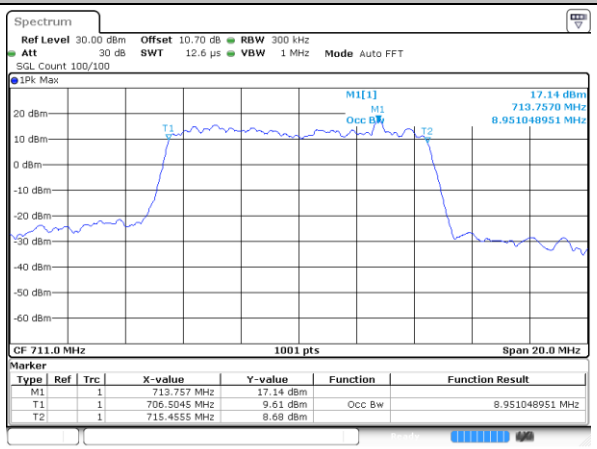
Date: 6.JAN.2018 00:43:05

Highest Channel / 10MHz / QPSK



Date: 6.JAN.2018 00:45:23

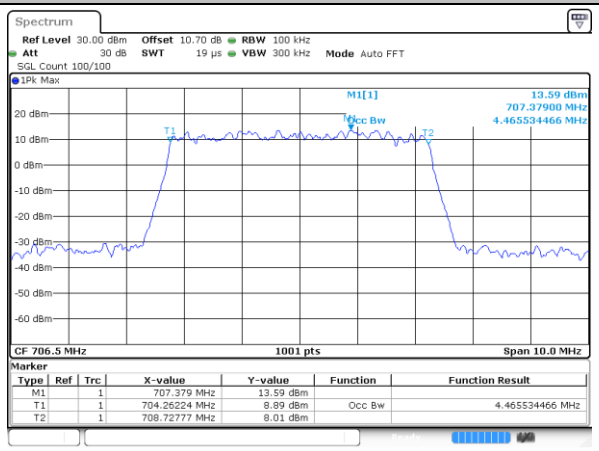
Highest Channel / 10MHz / 16QAM



Date: 6.JAN.2018 00:45:33

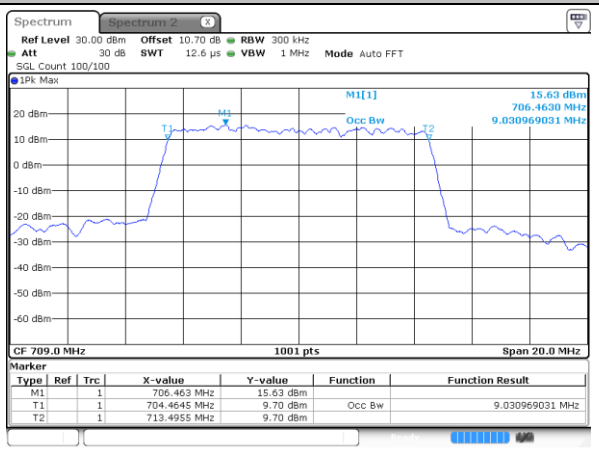
LTE Band 17

Lowest Channel / 5MHz / 64QAM



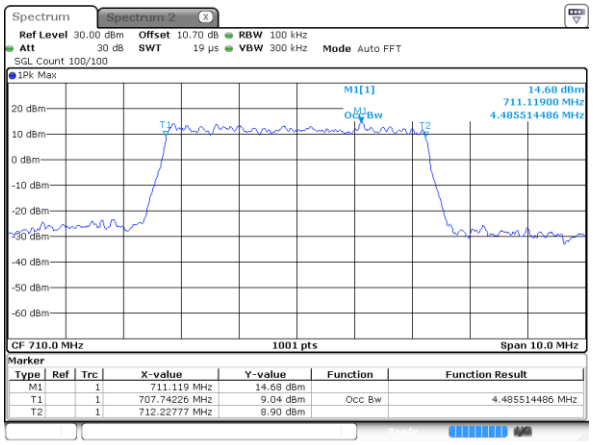
Date: 1.FEB.2018 20:11:55

Lowest Channel / 10MHz / 64QAM



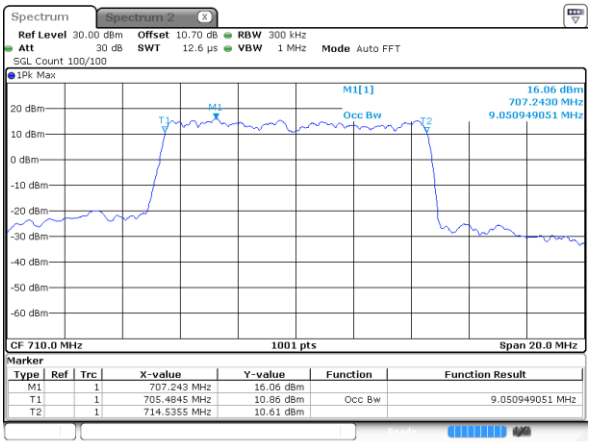
Date: 1.FEB.2018 01:29:31

Middle Channel / 5MHz / 64QAM



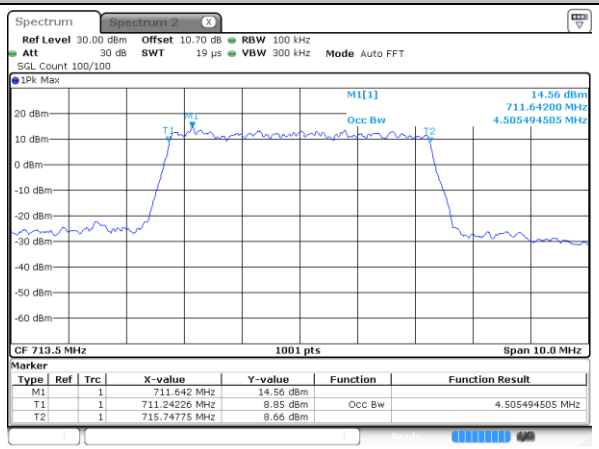
Date: 1.FEB.2018 01:24:46

Middle Channel / 10MHz / 64QAM



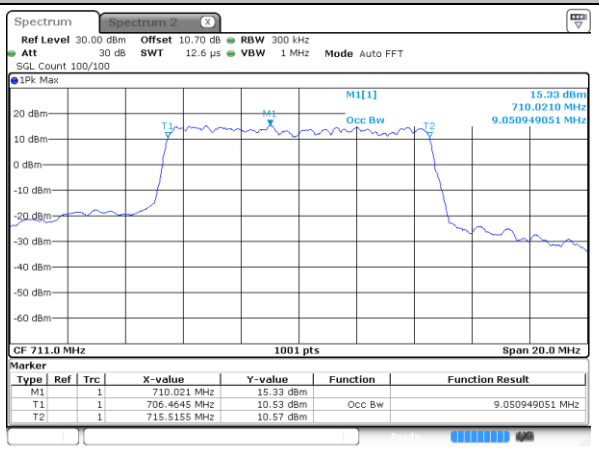
Date: 1.FEB.2018 01:33:02

Highest Channel / 5MHz / 64QAM



Date: 1.FEB.2018 01:26:00

Highest Channel / 10MHz / 64QAM

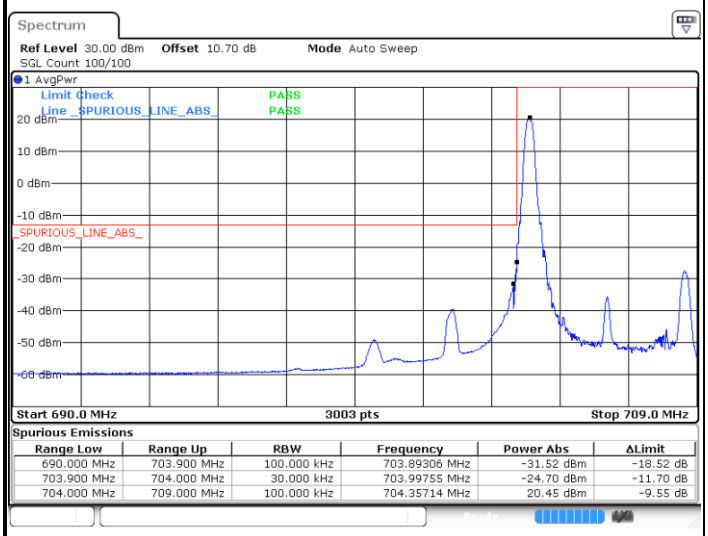


Date: 1.FEB.2018 01:34:16

Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB

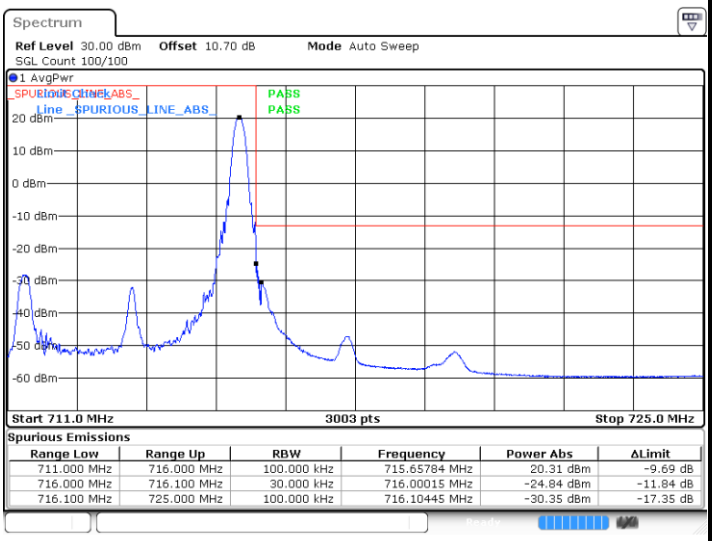


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-31.52 dBm	-18.52 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99755 MHz	-24.70 dBm	-11.70 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35714 MHz	20.45 dBm	-9.55 dB

Date: 6.JAN.2018 00:20:59

Highest Band Edge / 1 RB

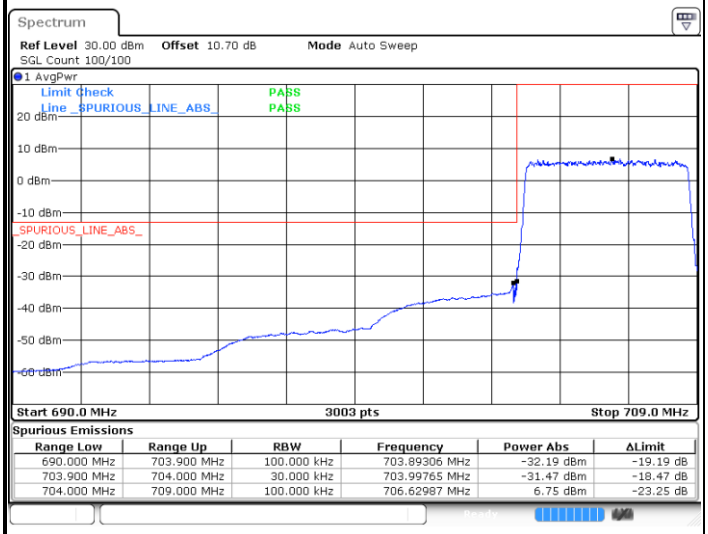


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.65784 MHz	20.31 dBm	-9.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00015 MHz	-24.84 dBm	-11.84 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-30.35 dBm	-17.35 dB

Date: 6.JAN.2018 00:30:29

Lowest Band Edge / Full RB

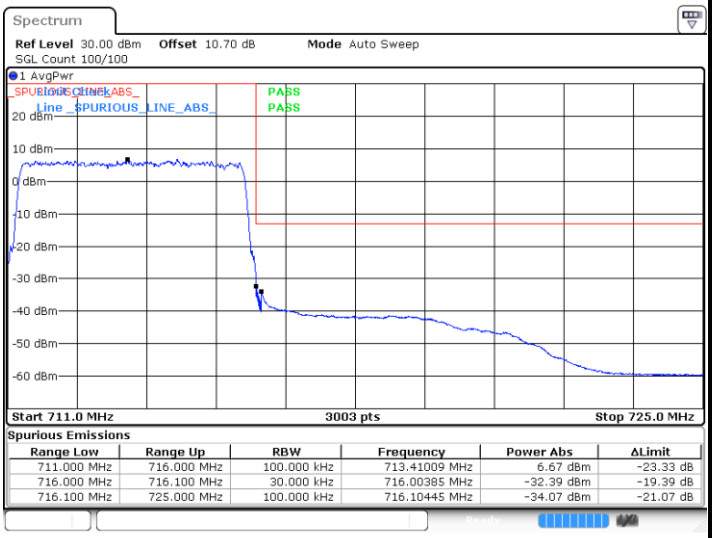


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.19 dBm	-19.19 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99765 MHz	-31.47 dBm	-18.47 dB
704.000 MHz	709.000 MHz	100.000 kHz	706.62987 MHz	6.75 dBm	-23.25 dB

Date: 6.JAN.2018 00:23:16

Highest Band Edge / Full RB



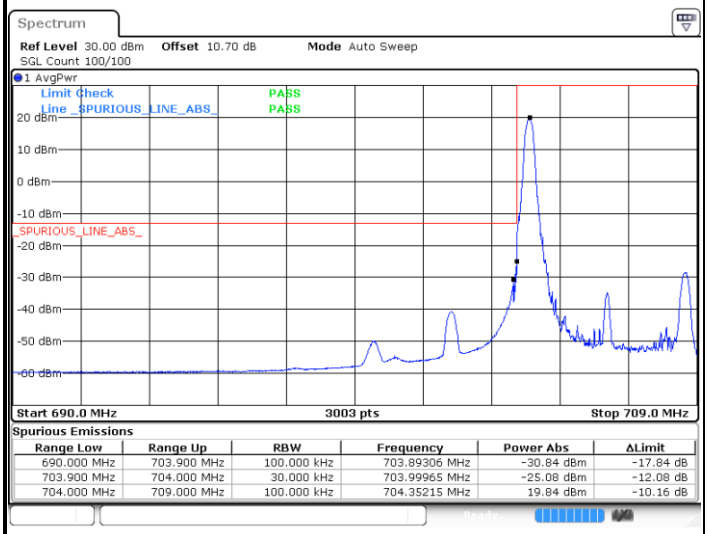
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	713.41009 MHz	6.67 dBm	-23.33 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00385 MHz	-32.39 dBm	-19.39 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-34.07 dBm	-21.07 dB

Date: 6.JAN.2018 00:32:46

LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

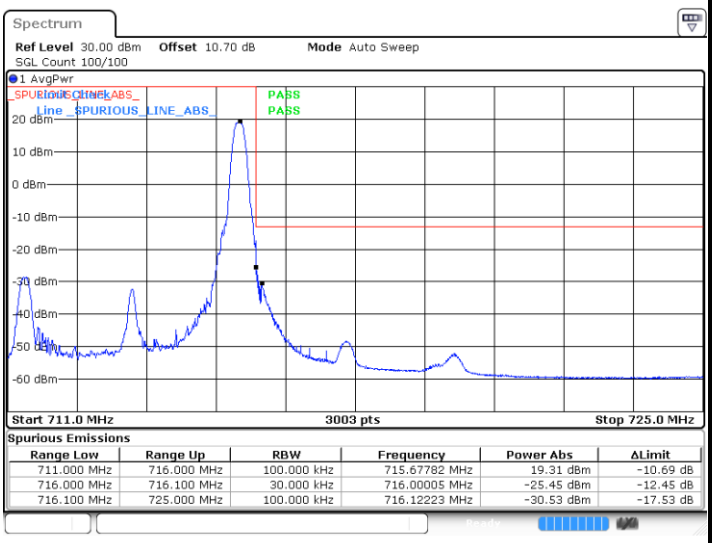


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-30.84 dBm	-17.84 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99965 MHz	-25.08 dBm	-12.08 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.35215 MHz	19.84 dBm	-10.16 dB

Date: 6.JAN.2018 00:22:07

Highest Band Edge / 1 RB

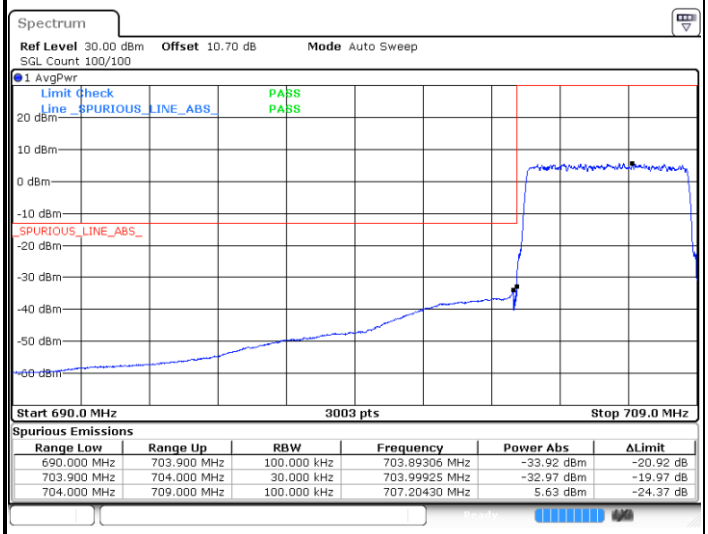


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.67782 MHz	19.31 dBm	-10.69 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00005 MHz	-25.45 dBm	-12.45 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-30.53 dBm	-17.53 dB

Date: 6.JAN.2018 00:31:37

Lowest Band Edge / Full RB

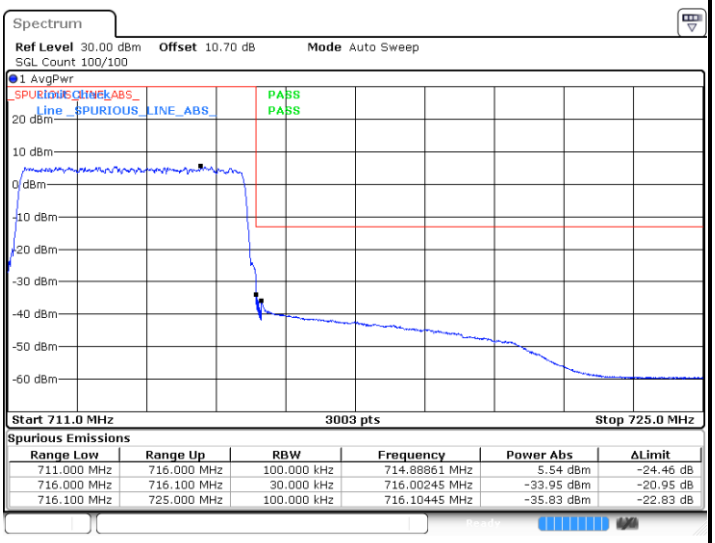


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.92 dBm	-20.92 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99925 MHz	-32.97 dBm	-19.97 dB
704.000 MHz	709.000 MHz	100.000 kHz	707.20430 MHz	5.63 dBm	-24.37 dB

Date: 6.JAN.2018 00:24:25

Highest Band Edge / Full RB



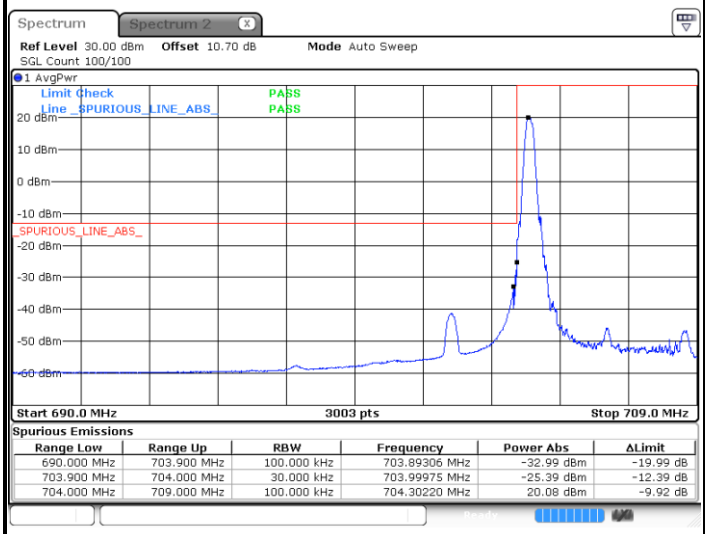
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	714.88861 MHz	5.54 dBm	-24.46 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-33.95 dBm	-20.95 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-35.83 dBm	-22.83 dB

Date: 6.JAN.2018 00:33:55

LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB

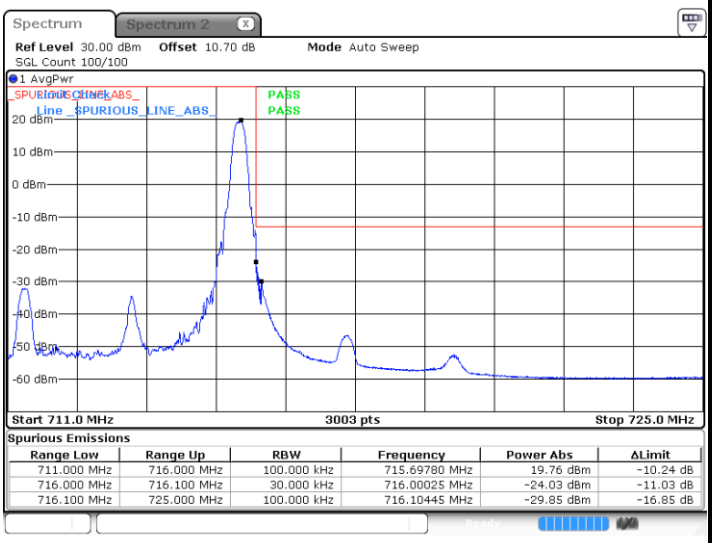


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-32.99 dBm	-19.99 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99975 MHz	-25.39 dBm	-12.39 dB
704.000 MHz	709.000 MHz	100.000 kHz	704.30220 MHz	20.08 dBm	-9.92 dB

Date: 1.FEB.2018 01:22:33

Highest Band Edge / 1 RB

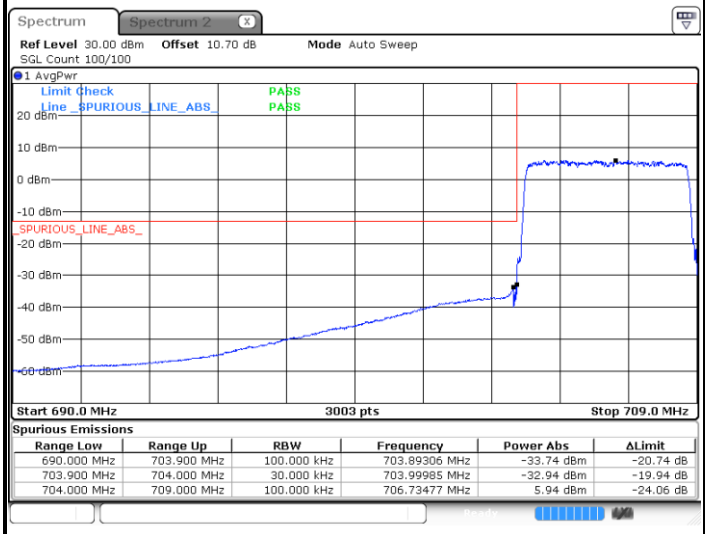


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.69780 MHz	19.76 dBm	-10.24 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00025 MHz	-24.03 dBm	-11.03 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-29.85 dBm	-16.85 dB

Date: 1.FEB.2018 01:27:18

Lowest Band Edge / Full RB

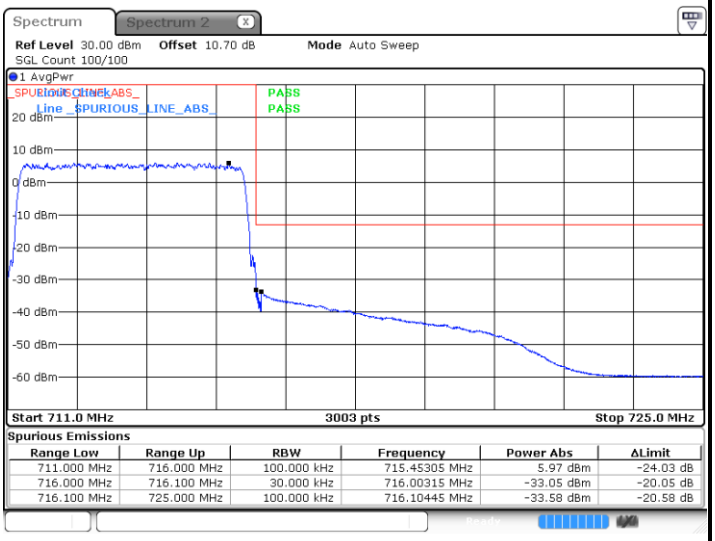


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.74 dBm	-20.74 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99985 MHz	-32.94 dBm	-19.94 dB
704.000 MHz	709.000 MHz	100.000 kHz	706.73477 MHz	5.94 dBm	-24.06 dB

Date: 1.FEB.2018 01:23:42

Highest Band Edge / Full RB



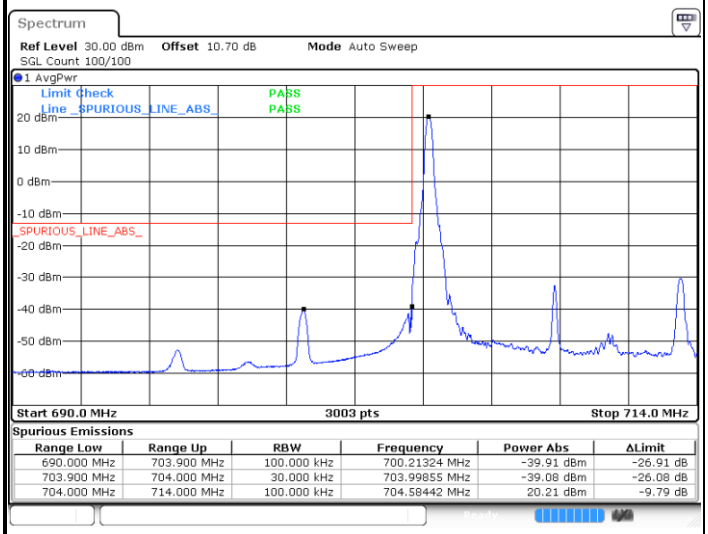
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
711.000 MHz	716.000 MHz	100.000 kHz	715.45305 MHz	5.97 dBm	-24.03 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00315 MHz	-33.05 dBm	-20.05 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-33.58 dBm	-20.58 dB

Date: 1.FEB.2018 01:28:27

LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB

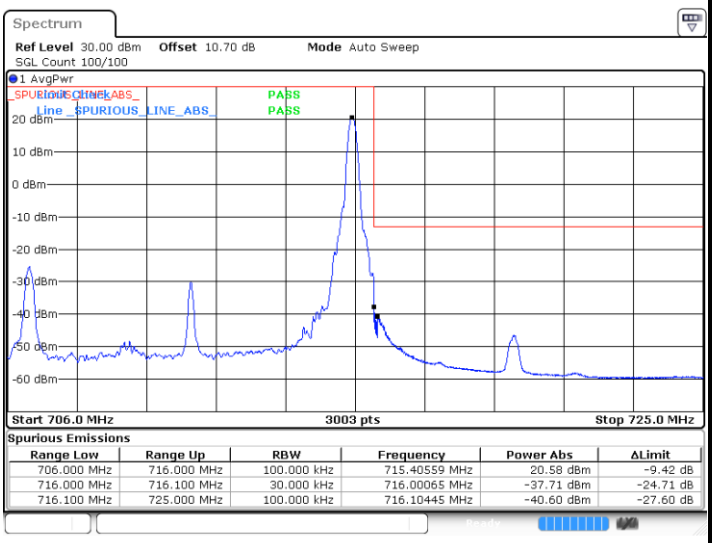


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	700.21324 MHz	-39.91 dBm	-26.91 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99855 MHz	-39.08 dBm	-26.08 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.58442 MHz	20.21 dBm	-9.79 dB

Date: 6.JAN.2018 00:37:31

Highest Band Edge / 1 RB

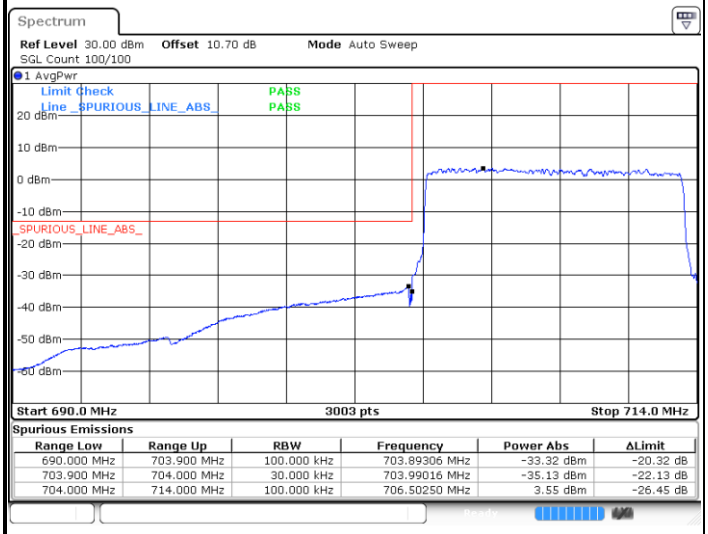


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.40559 MHz	20.58 dBm	-9.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00065 MHz	-37.71 dBm	-24.71 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.60 dBm	-27.60 dB

Date: 6.JAN.2018 00:47:01

Lowest Band Edge / Full RB

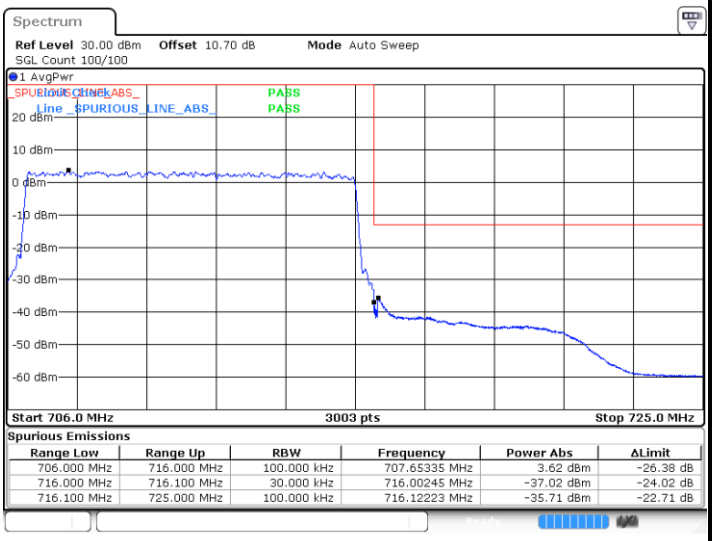


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-33.32 dBm	-20.32 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99016 MHz	-35.13 dBm	-22.13 dB
704.000 MHz	714.000 MHz	100.000 kHz	706.50250 MHz	3.55 dBm	-26.45 dB

Date: 6.JAN.2018 00:39:49

Highest Band Edge / Full RB



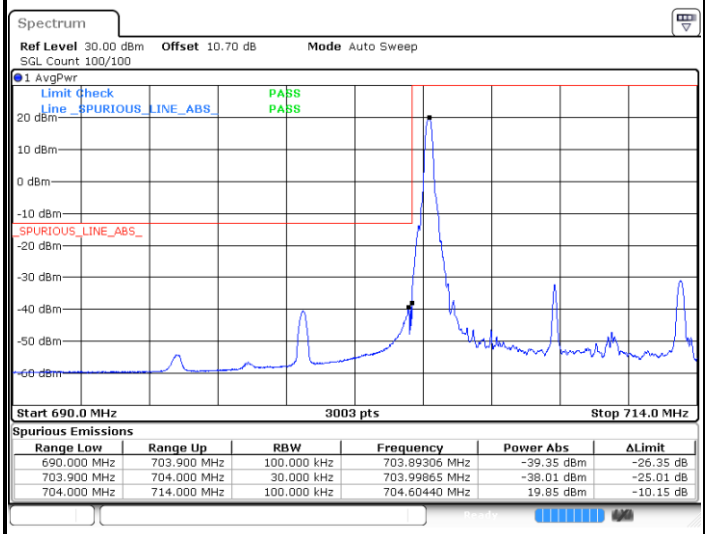
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	707.65335 MHz	3.62 dBm	-26.38 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-37.02 dBm	-24.02 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.12223 MHz	-35.71 dBm	-22.71 dB

Date: 6.JAN.2018 00:49:19

LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

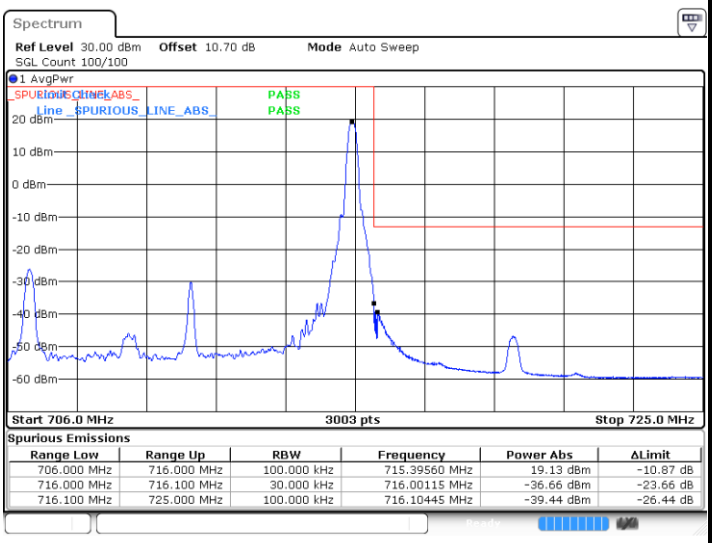


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-39.35 dBm	-26.35 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99865 MHz	-38.01 dBm	-25.01 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.60440 MHz	19.85 dBm	-10.15 dB

Date: 6.JAN.2018 00:38:40

Highest Band Edge / 1 RB

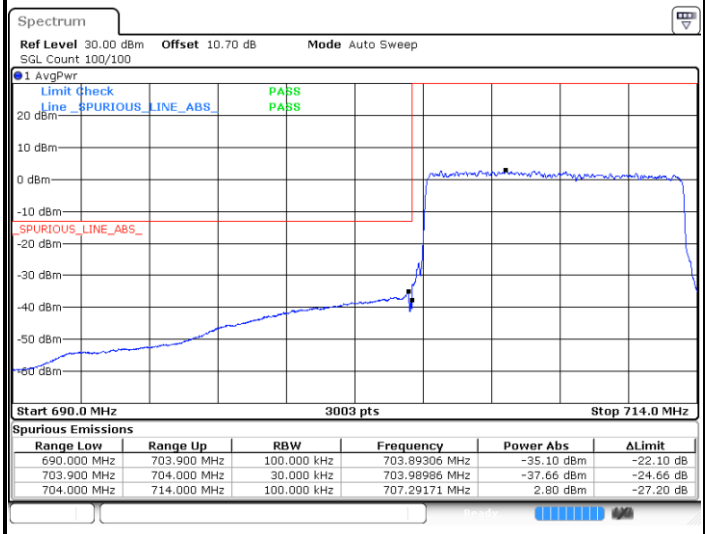


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	19.13 dBm	-10.87 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00115 MHz	-36.66 dBm	-23.66 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-39.44 dBm	-26.44 dB

Date: 6.JAN.2018 00:48:10

Lowest Band Edge / Full RB

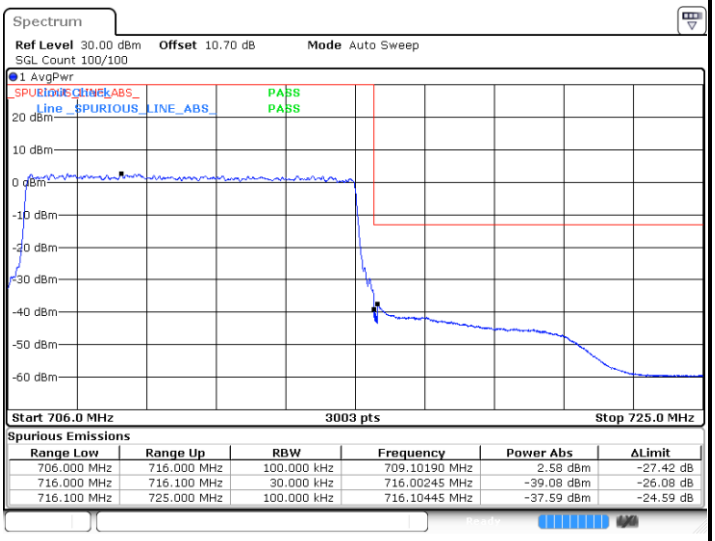


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-35.10 dBm	-22.10 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98986 MHz	-37.66 dBm	-24.66 dB
704.000 MHz	714.000 MHz	100.000 kHz	707.29171 MHz	2.80 dBm	-27.20 dB

Date: 6.JAN.2018 00:40:57

Highest Band Edge / Full RB



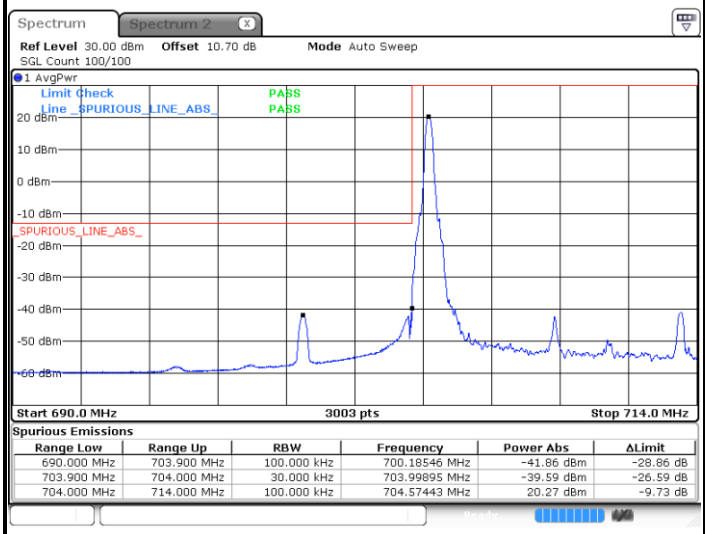
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	709.10190 MHz	2.58 dBm	-27.42 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00245 MHz	-39.08 dBm	-26.08 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.59 dBm	-24.59 dB

Date: 6.JAN.2018 00:50:27

LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

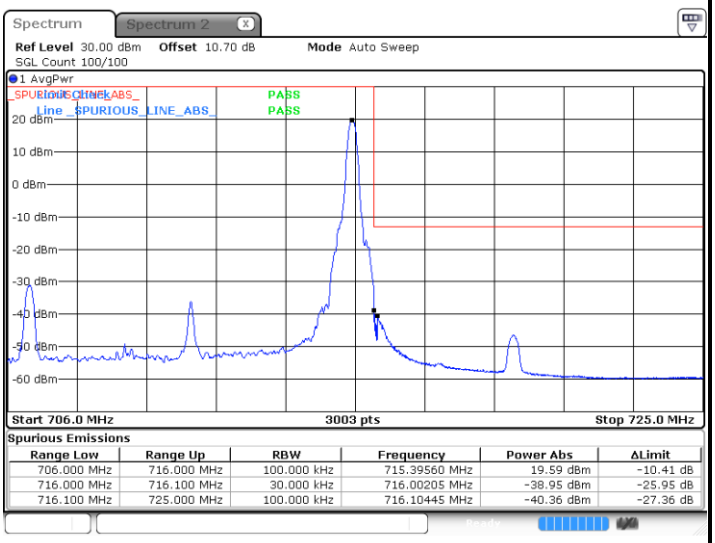


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	700.18546 MHz	-41.86 dBm	-28.86 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.99895 MHz	-39.59 dBm	-26.59 dB
704.000 MHz	714.000 MHz	100.000 kHz	704.57443 MHz	20.27 dBm	-9.73 dB

Date: 1.FEB.2018 01:30:49

Highest Band Edge / 1 RB

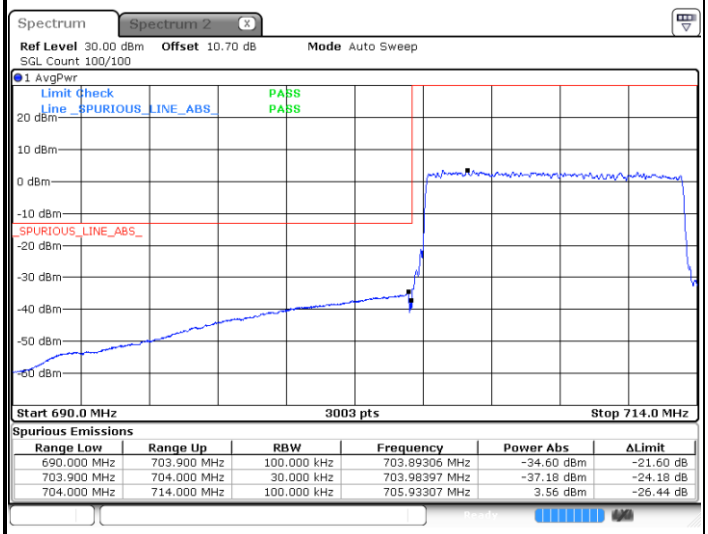


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	715.39560 MHz	19.59 dBm	-10.41 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00205 MHz	-38.95 dBm	-25.95 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-40.36 dBm	-27.36 dB

Date: 1.FEB.2018 01:35:34

Lowest Band Edge / Full RB

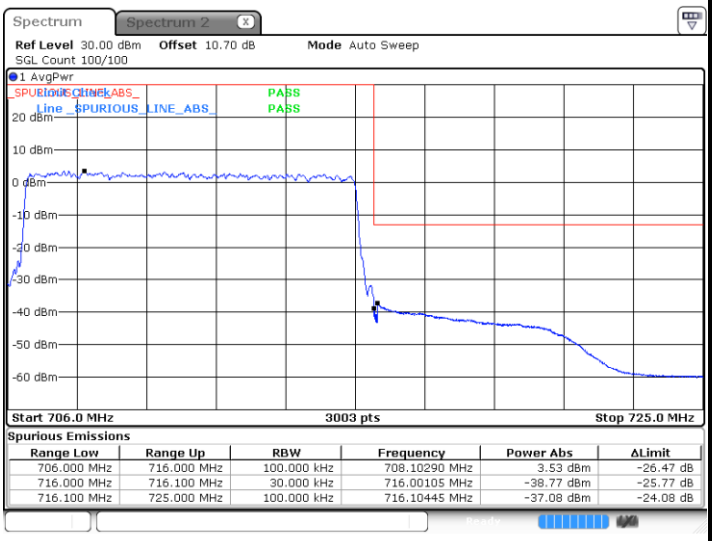


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
690.000 MHz	703.900 MHz	100.000 kHz	703.89306 MHz	-34.60 dBm	-21.60 dB
703.900 MHz	704.000 MHz	30.000 kHz	703.98397 MHz	-37.18 dBm	-24.18 dB
704.000 MHz	714.000 MHz	100.000 kHz	705.93307 MHz	3.56 dBm	-26.44 dB

Date: 1.FEB.2018 01:31:58

Highest Band Edge / Full RB



Spurious Emissions

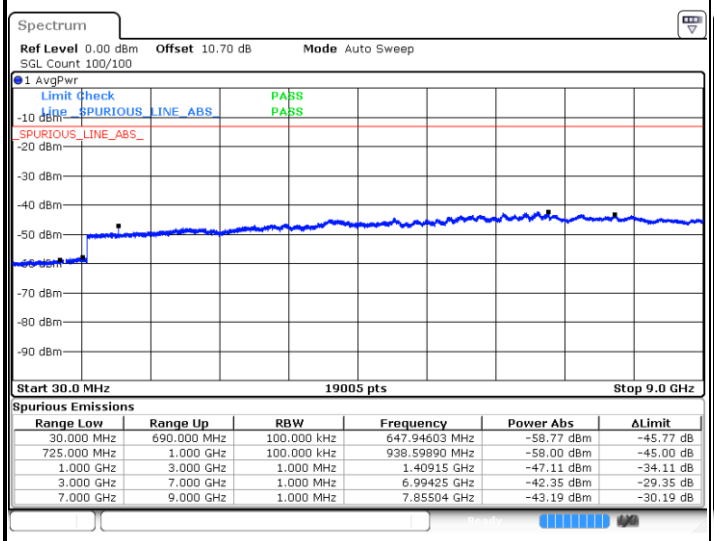
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
706.000 MHz	716.000 MHz	100.000 kHz	708.10290 MHz	3.53 dBm	-26.47 dB
716.000 MHz	716.100 MHz	30.000 kHz	716.00105 MHz	-38.77 dBm	-25.77 dB
716.100 MHz	725.000 MHz	100.000 kHz	716.10445 MHz	-37.08 dBm	-24.08 dB

Date: 1.FEB.2018 01:36:43

Conducted Spurious Emission

LTE Band 17 / 5MHz

Lowest Channel / QPSK

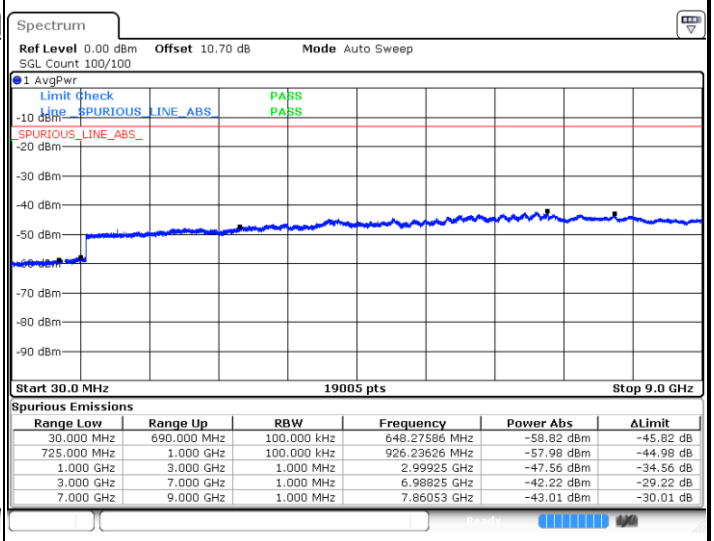


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	647.94603 MHz	-58.77 dBm	-45.77 dB
725.000 MHz	1.000 GHz	100.000 kHz	938.59890 MHz	-58.00 dBm	-45.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40915 GHz	-47.11 dBm	-34.11 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99425 GHz	-42.35 dBm	-29.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85504 GHz	-43.19 dBm	-30.19 dB

Date: 6.JAN.2018 00:25:19

Lowest Channel / 16QAM

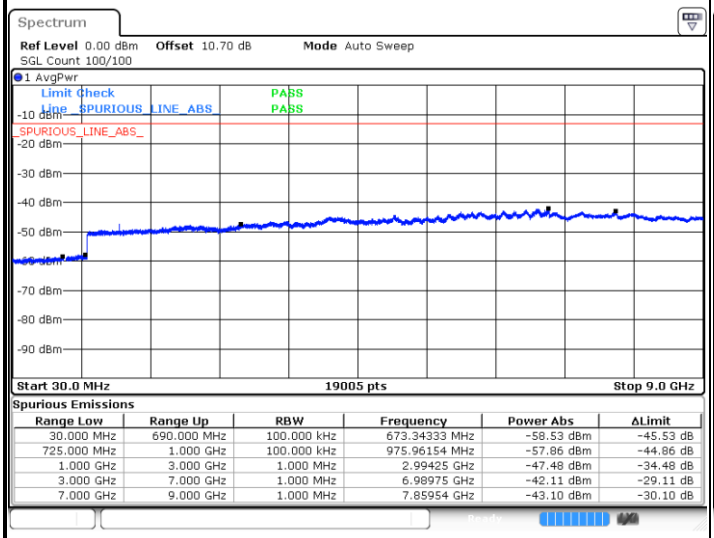


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	648.27586 MHz	-58.82 dBm	-45.82 dB
725.000 MHz	1.000 GHz	100.000 kHz	926.23626 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99925 GHz	-47.56 dBm	-34.56 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-42.22 dBm	-29.22 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86053 GHz	-43.01 dBm	-30.01 dB

Date: 6.JAN.2018 00:26:13

Middle Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.34333 MHz	-58.53 dBm	-45.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	975.96154 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99425 GHz	-47.48 dBm	-34.48 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.11 dBm	-29.11 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85954 GHz	-43.10 dBm	-30.10 dB

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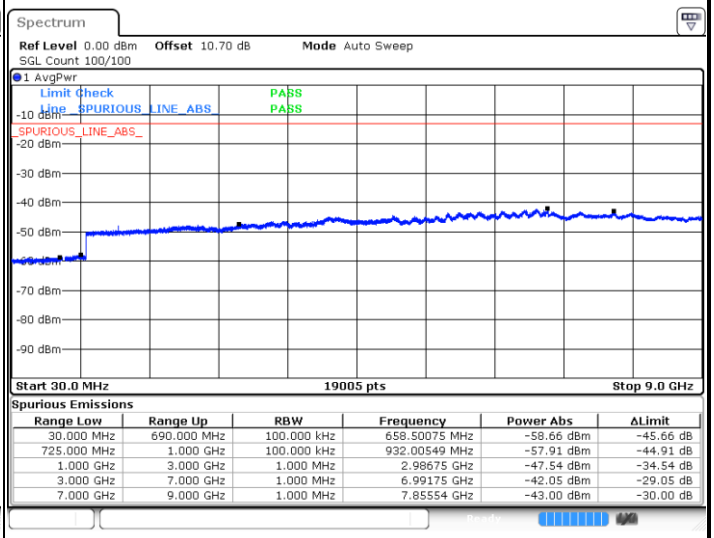
Middle Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	658.50075 MHz	-58.66 dBm	-45.66 dB
725.000 MHz	1.000 GHz	100.000 kHz	932.00549 MHz	-57.91 dBm	-44.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98675 GHz	-47.54 dBm	-34.54 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99175 GHz	-42.05 dBm	-29.05 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85554 GHz	-43.00 dBm	-30.00 dB

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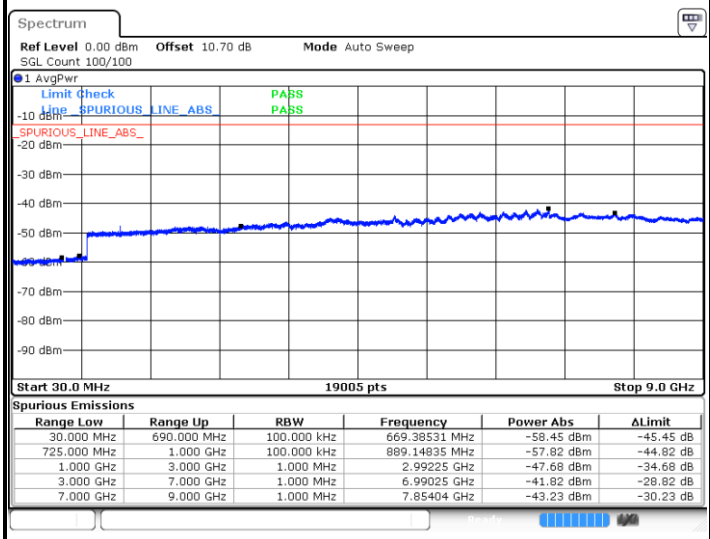
LTE Band 17 / 5MHz

Highest Channel / QPSK

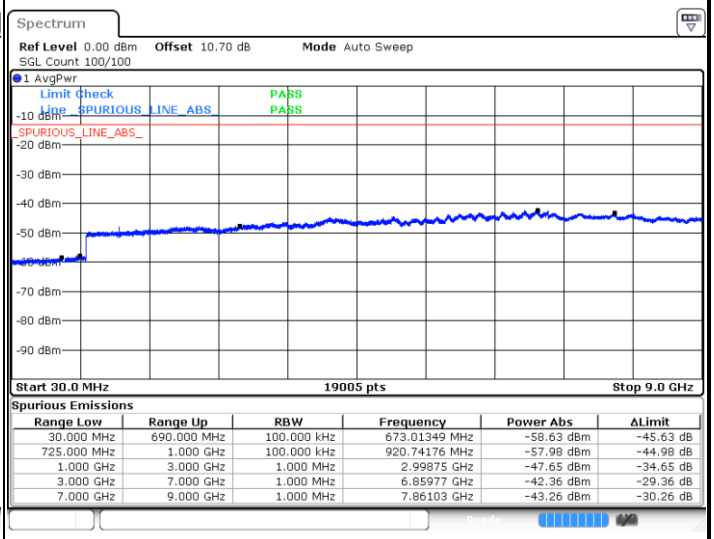


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	669.38531 MHz	-58.45 dBm	-45.45 dB
725.000 MHz	1.000 GHz	100.000 kHz	889.14835 MHz	-57.82 dBm	-44.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99225 GHz	-47.68 dBm	-34.68 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.82 dBm	-28.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85404 GHz	-43.23 dBm	-30.23 dB

Date: 6.JAN.2018 00:34:49

Highest Channel / 16QAM



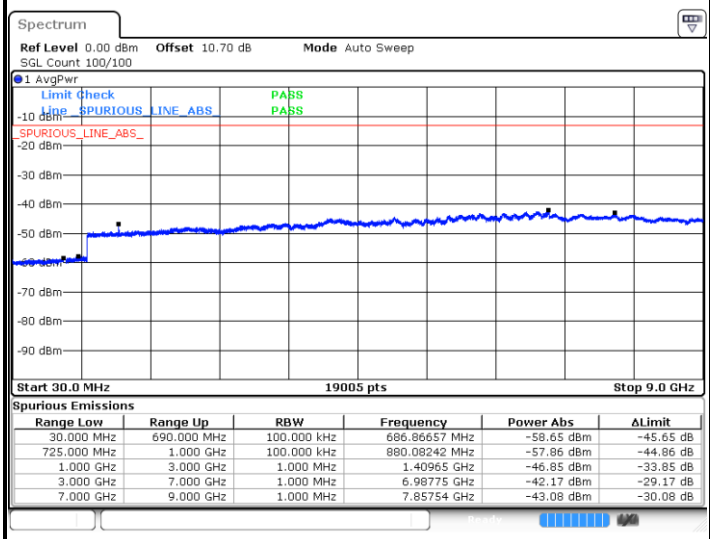
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	673.01349 MHz	-58.63 dBm	-45.63 dB
725.000 MHz	1.000 GHz	100.000 kHz	920.74176 MHz	-57.98 dBm	-44.98 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99875 GHz	-47.65 dBm	-34.65 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85977 GHz	-42.36 dBm	-29.36 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86103 GHz	-43.26 dBm	-30.26 dB

Date: 6.JAN.2018 00:35:43

LTE Band 17 / 10MHz

Lowest Channel / QPSK

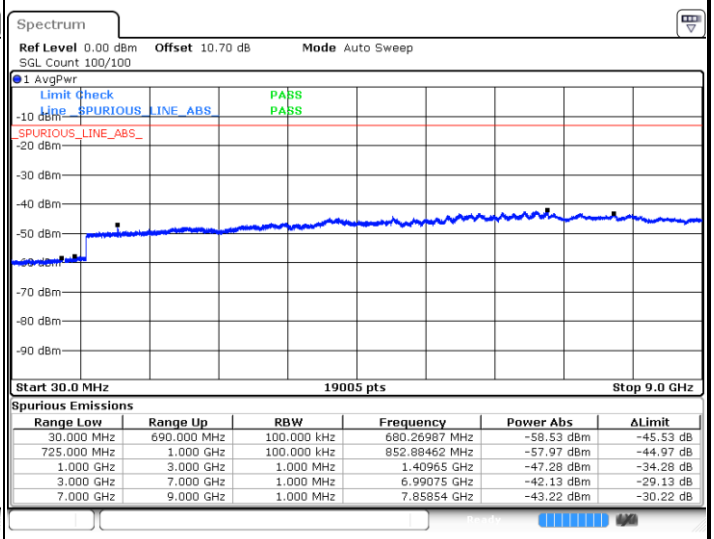


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	686.86657 MHz	-58.65 dBm	-45.65 dB
725.000 MHz	1.000 GHz	100.000 kHz	880.08242 MHz	-57.86 dBm	-44.86 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-46.85 dBm	-33.85 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98775 GHz	-42.17 dBm	-29.17 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.08 dBm	-30.08 dB

Date: 6.JAN.2018 00:41:52

Lowest Channel / 16QAM



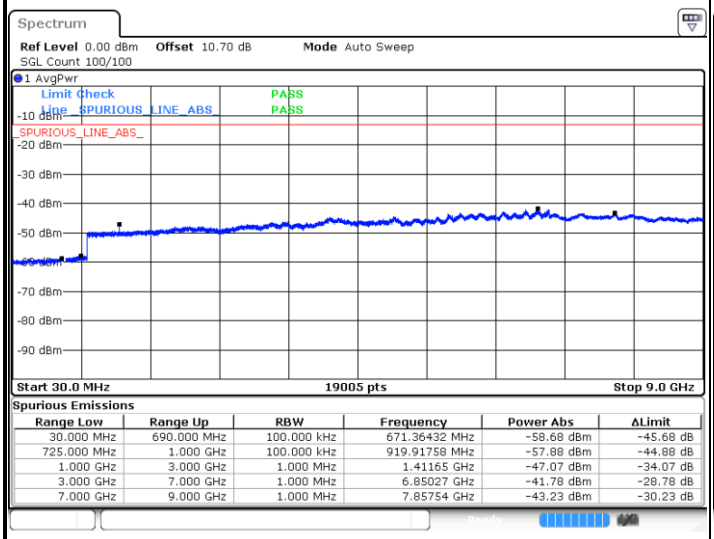
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	680.26987 MHz	-58.53 dBm	-45.53 dB
725.000 MHz	1.000 GHz	100.000 kHz	852.88462 MHz	-57.97 dBm	-44.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.40965 GHz	-47.28 dBm	-34.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-42.13 dBm	-29.13 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85854 GHz	-43.22 dBm	-30.22 dB

Date: 6.JAN.2018 00:42:45

LTE Band 17 / 10MHz

Middle Channel / QPSK

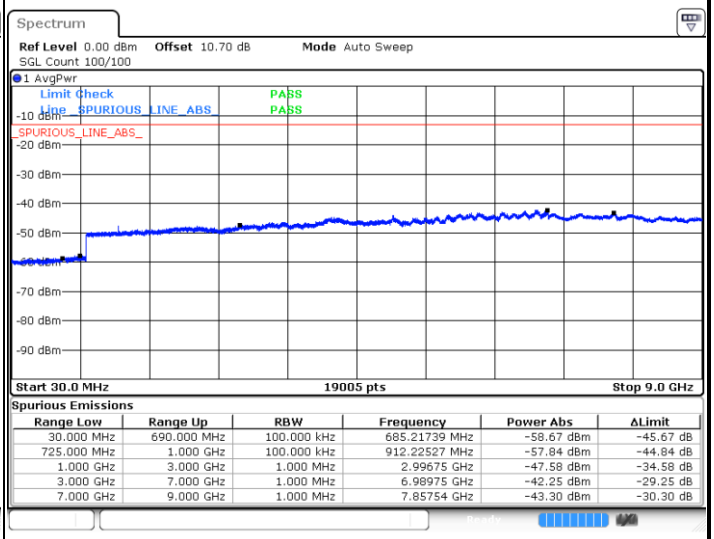


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.36432 MHz	-58.68 dBm	-45.68 dB
725.000 MHz	1.000 GHz	100.000 kHz	919.91758 MHz	-57.88 dBm	-44.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41165 GHz	-47.07 dBm	-34.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.85027 GHz	-41.78 dBm	-28.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.23 dBm	-30.23 dB

Date: 6.JAN.2018 00:44:19

Middle Channel / 16QAM

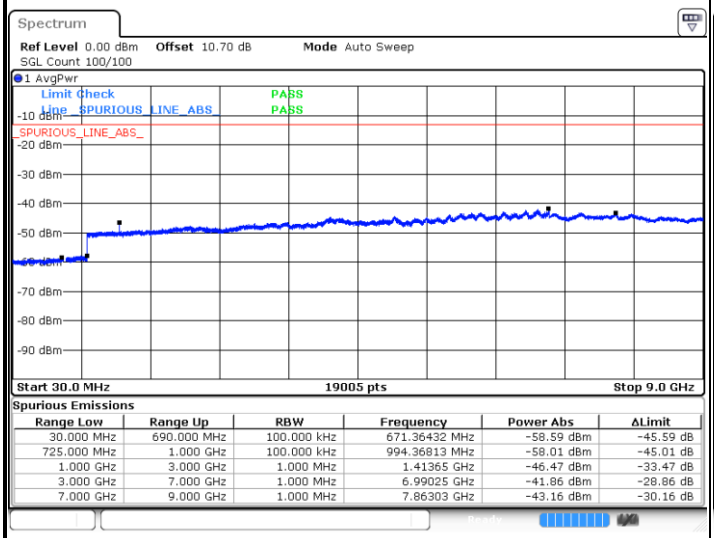


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	685.21739 MHz	-58.67 dBm	-45.67 dB
725.000 MHz	1.000 GHz	100.000 kHz	912.22527 MHz	-57.84 dBm	-44.84 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99675 GHz	-47.58 dBm	-34.58 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98975 GHz	-42.25 dBm	-29.25 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.85754 GHz	-43.30 dBm	-30.30 dB

Date: 6.JAN.2018 00:45:13

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	671.36432 MHz	-58.59 dBm	-45.59 dB
725.000 MHz	1.000 GHz	100.000 kHz	994.36813 MHz	-58.01 dBm	-45.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-46.47 dBm	-33.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99025 GHz	-41.86 dBm	-28.86 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.86303 GHz	-43.16 dBm	-30.16 dB

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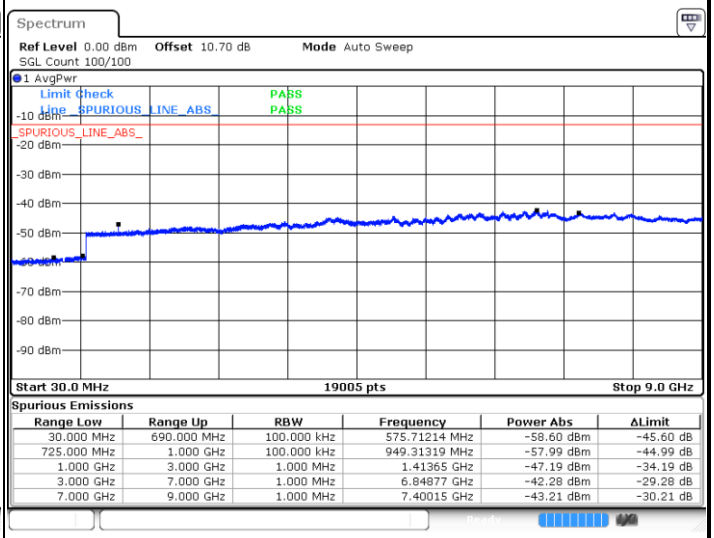
Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	690.000 MHz	100.000 kHz	575.71214 MHz	-58.60 dBm	-45.60 dB
725.000 MHz	1.000 GHz	100.000 kHz	949.31319 MHz	-57.99 dBm	-44.99 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.41365 GHz	-47.19 dBm	-34.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84877 GHz	-42.28 dBm	-29.28 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.40015 GHz	-43.21 dBm	-30.21 dB

Date: 6.JAN.2018 01:09:50