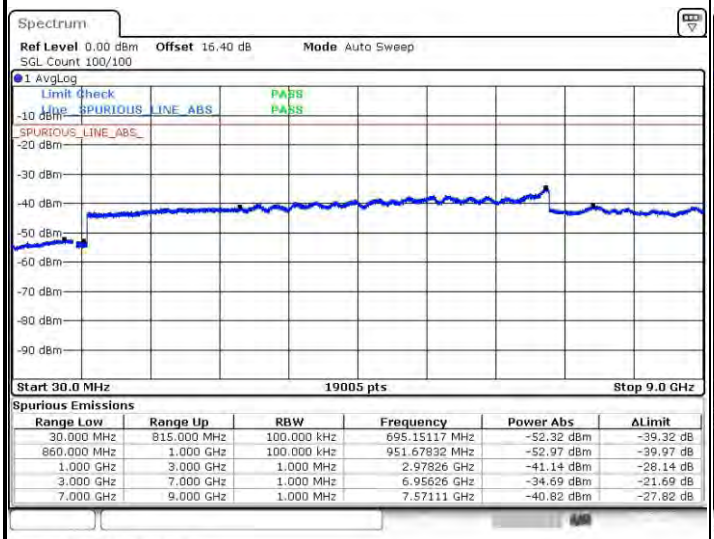
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

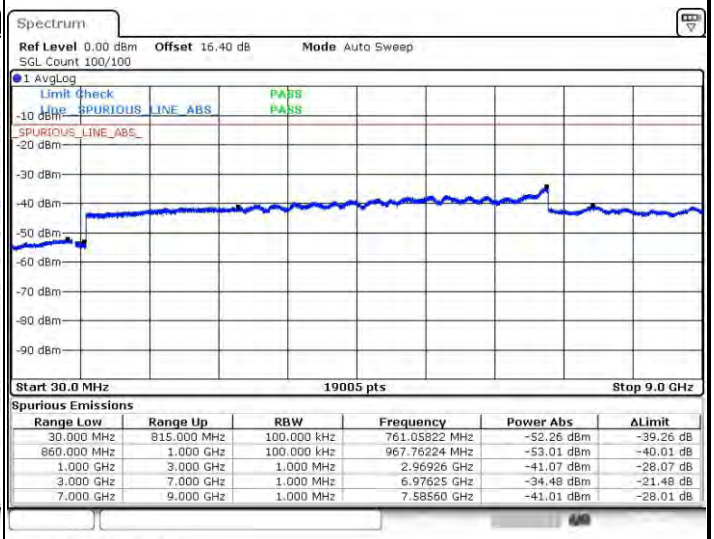


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	695.15117 MHz	-52.32 dBm	-39.32 dB
860.000 MHz	1.000 GHz	100.000 kHz	951.67832 MHz	-52.97 dBm	-39.97 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97826 GHz	-41.14 dBm	-28.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95626 GHz	-34.69 dBm	-21.69 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57111 GHz	-40.82 dBm	-27.82 dB

Date: 3.MAY.2015 09:43:28

Lowest Channel / 16QAM

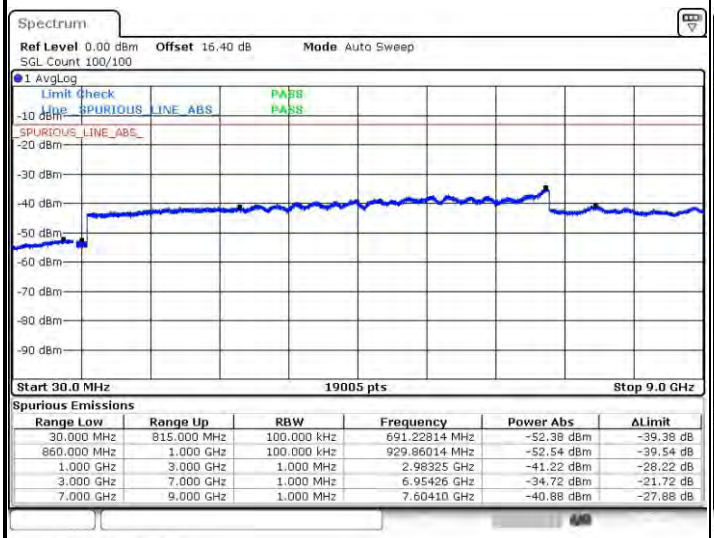


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	761.05822 MHz	-52.26 dBm	-39.26 dB
860.000 MHz	1.000 GHz	100.000 kHz	967.76224 MHz	-53.01 dBm	-40.01 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.96926 GHz	-41.07 dBm	-28.07 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97625 GHz	-34.48 dBm	-21.48 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58560 GHz	-41.01 dBm	-28.01 dB

Date: 3.MAY.2015 09:44:51

Middle Channel / QPSK

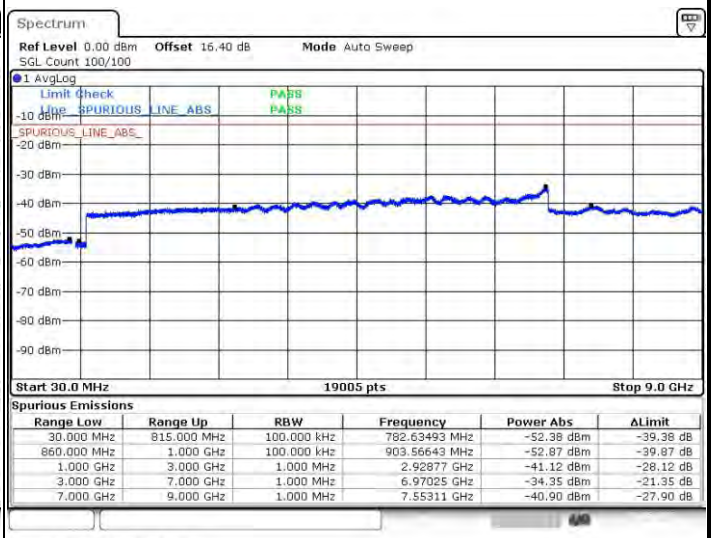


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	691.22814 MHz	-52.38 dBm	-39.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	929.86014 MHz	-52.54 dBm	-39.54 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98325 GHz	-41.22 dBm	-28.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95426 GHz	-34.72 dBm	-21.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60410 GHz	-40.88 dBm	-27.88 dB

Date: 3.MAY.2015 09:46:56

Middle Channel / 16QAM



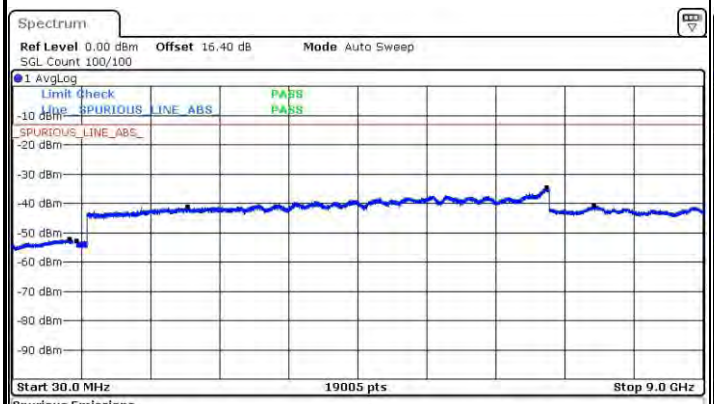
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	782.63493 MHz	-52.38 dBm	-39.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	903.56643 MHz	-52.87 dBm	-39.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.92877 GHz	-41.12 dBm	-28.12 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97025 GHz	-34.35 dBm	-21.35 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55311 GHz	-40.90 dBm	-27.90 dB

Date: 3.MAY.2015 09:48:09

LTE Band 5 / 1.4MHz

Highest Channel / QPSK

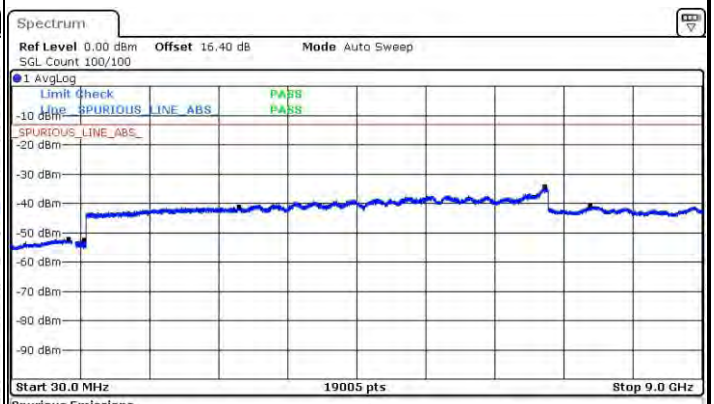


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	764.58896 MHz	-52.30 dBm	-39.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	860.06993 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.30292 GHz	-41.05 dBm	-28.05 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97075 GHz	-34.72 dBm	-21.72 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57961 GHz	-40.92 dBm	-27.92 dB

Date: 3.MAY.2015 09:56:20

Highest Channel / 16QAM



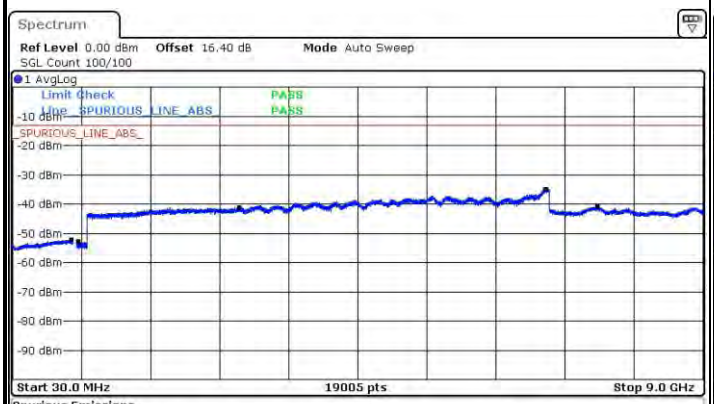
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	772.43503 MHz	-52.30 dBm	-39.30 dB
860.000 MHz	1.000 GHz	100.000 kHz	974.47552 MHz	-52.53 dBm	-39.53 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.98675 GHz	-41.19 dBm	-28.19 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95326 GHz	-34.42 dBm	-21.42 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.54111 GHz	-40.98 dBm	-27.98 dB

Date: 3.MAY.2015 09:57:41

LTE Band 5 / 3MHz

Lowest Channel / QPSK

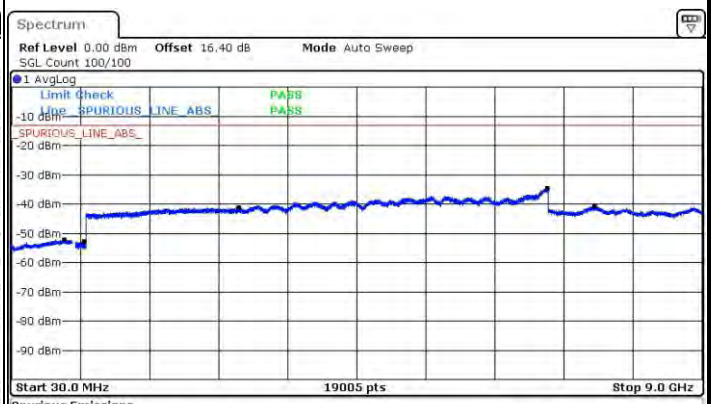


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	792.05022 MHz	-52.35 dBm	-39.35 dB
860.000 MHz	1.000 GHz	100.000 kHz	879.65035 MHz	-52.93 dBm	-39.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97426 GHz	-41.18 dBm	-28.18 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95176 GHz	-34.82 dBm	-21.82 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62609 GHz	-40.99 dBm	-27.99 dB

Date: 3.MAY.2015 10:04:26

Lowest Channel / 16QAM



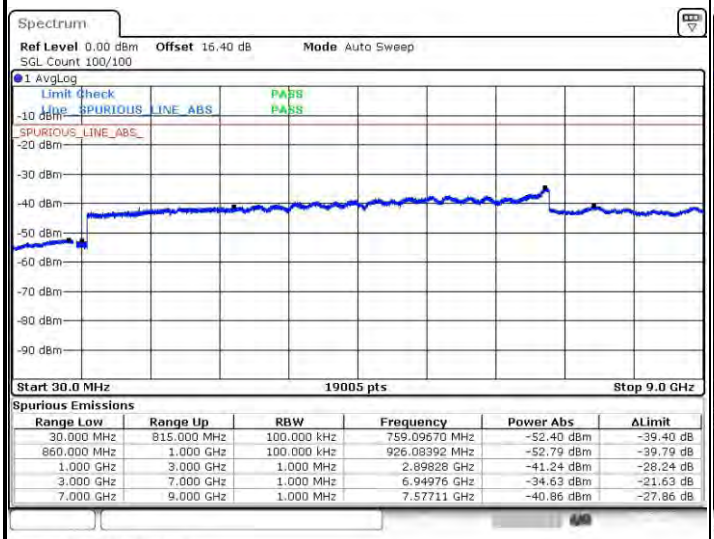
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	716.33558 MHz	-52.11 dBm	-39.11 dB
860.000 MHz	1.000 GHz	100.000 kHz	977.55245 MHz	-52.83 dBm	-39.83 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97876 GHz	-41.13 dBm	-28.13 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99075 GHz	-34.65 dBm	-21.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60710 GHz	-40.87 dBm	-27.87 dB

Date: 3.MAY.2015 10:05:39

LTE Band 5 / 3MHz

Middle Channel / QPSK

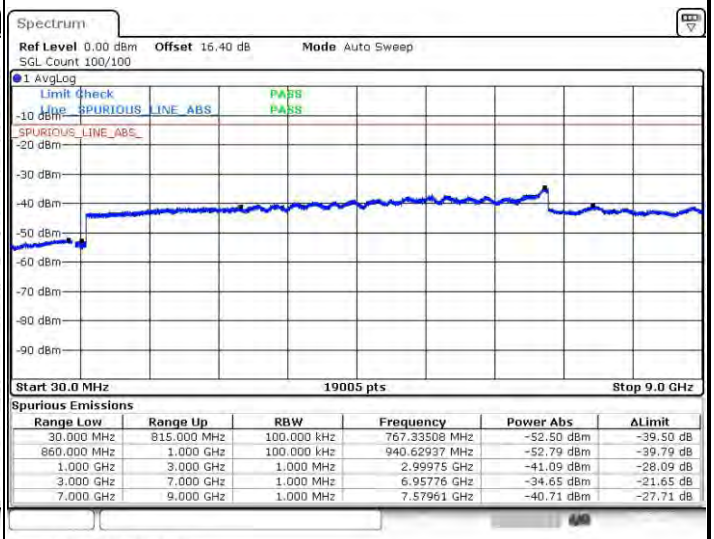


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	759.09670 MHz	-52.40 dBm	-39.40 dB
860.000 MHz	1.000 GHz	100.000 kHz	926.08392 MHz	-52.79 dBm	-39.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.89828 GHz	-41.24 dBm	-28.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94976 GHz	-34.63 dBm	-21.63 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57711 GHz	-40.86 dBm	-27.86 dB

Date: 8.MAY.2015 10:07:44

Middle Channel / 16QAM

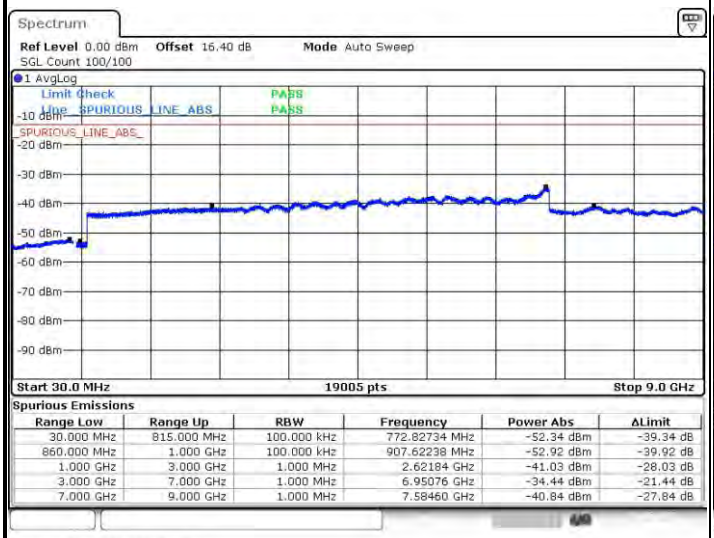


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	767.33508 MHz	-52.50 dBm	-39.50 dB
860.000 MHz	1.000 GHz	100.000 kHz	940.62937 MHz	-52.79 dBm	-39.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99975 GHz	-41.09 dBm	-28.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-34.65 dBm	-21.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57961 GHz	-40.71 dBm	-27.71 dB

Date: 8.MAY.2015 10:08:57

Highest Channel / QPSK

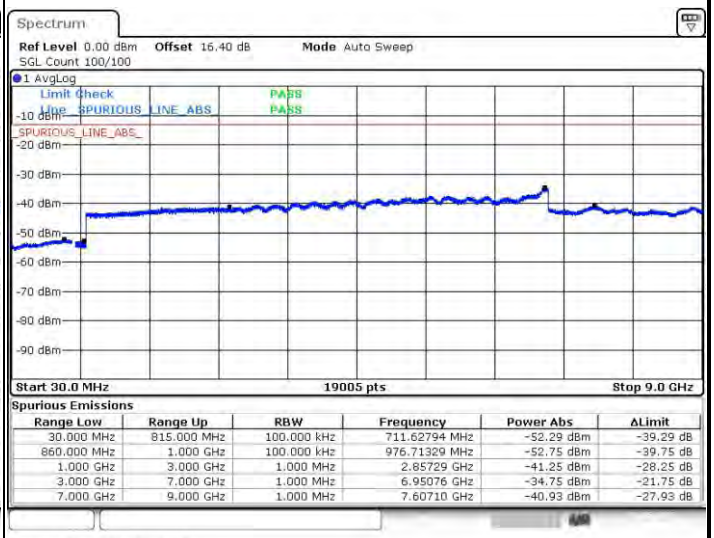


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	772.82734 MHz	-52.34 dBm	-39.34 dB
860.000 MHz	1.000 GHz	100.000 kHz	907.62238 MHz	-52.92 dBm	-39.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.62184 GHz	-41.03 dBm	-28.03 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-34.44 dBm	-21.44 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58460 GHz	-40.84 dBm	-27.84 dB

Date: 8.MAY.2015 10:15:42

Highest Channel / 16QAM



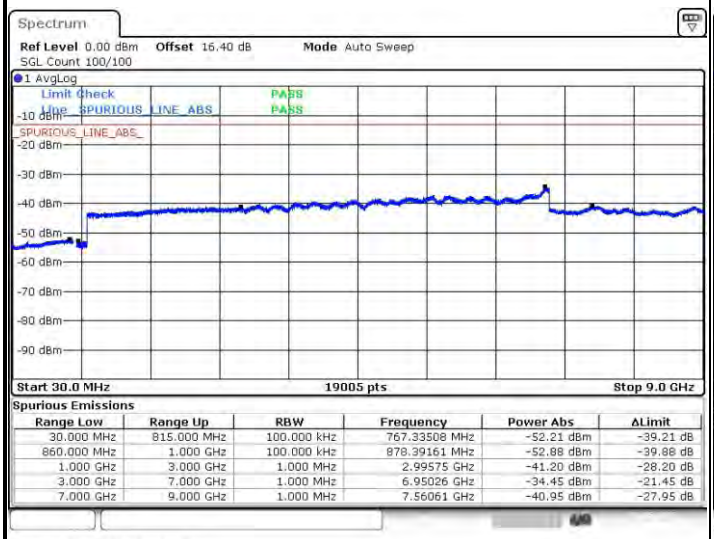
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	711.62794 MHz	-52.29 dBm	-39.29 dB
860.000 MHz	1.000 GHz	100.000 kHz	976.71329 MHz	-52.75 dBm	-39.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.85729 GHz	-41.25 dBm	-28.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95076 GHz	-34.75 dBm	-21.75 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60710 GHz	-40.93 dBm	-27.93 dB

Date: 8.MAY.2015 10:16:53

LTE Band 5 / 5MHz

Lowest Channel / QPSK

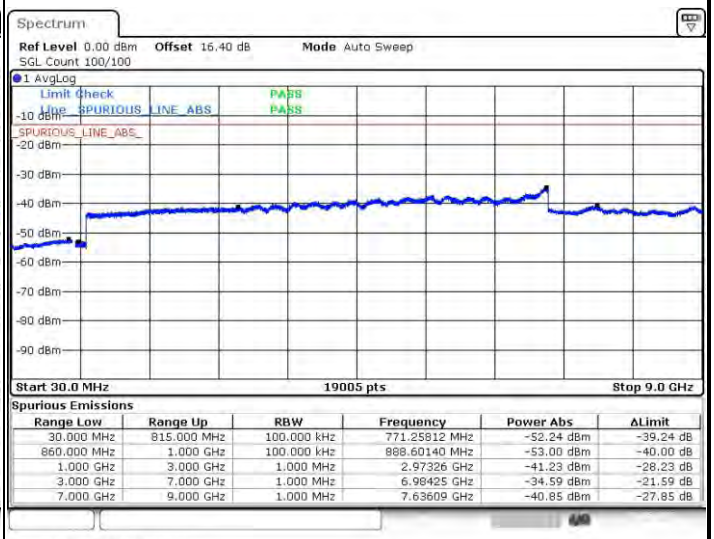


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	767.33508 MHz	-52.21 dBm	-39.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	878.39161 MHz	-52.88 dBm	-39.88 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99575 GHz	-41.20 dBm	-28.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-34.45 dBm	-21.45 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56061 GHz	-40.95 dBm	-27.95 dB

Date: 8.MAY.2015 10:23:40

Lowest Channel / 16QAM

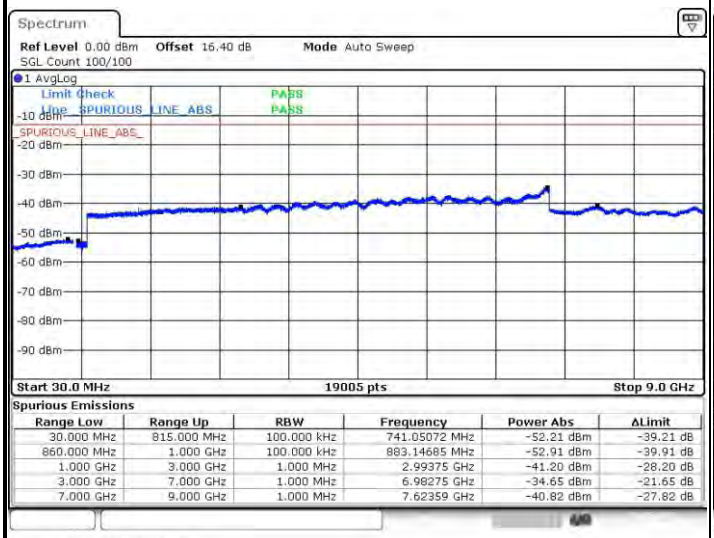


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	771.25812 MHz	-52.24 dBm	-39.24 dB
860.000 MHz	1.000 GHz	100.000 kHz	888.60140 MHz	-53.00 dBm	-40.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97326 GHz	-41.23 dBm	-28.23 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98425 GHz	-34.59 dBm	-21.59 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.63609 GHz	-40.85 dBm	-27.85 dB

Date: 8.MAY.2015 10:24:53

Middle Channel / QPSK

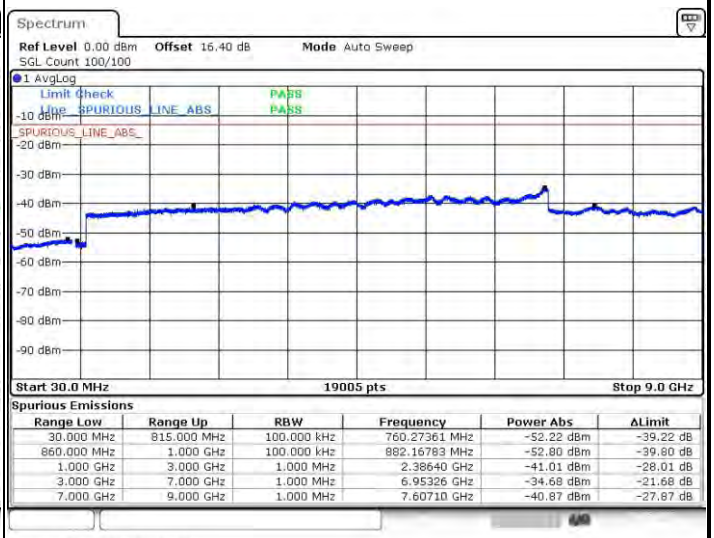


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	741.05072 MHz	-52.21 dBm	-39.21 dB
860.000 MHz	1.000 GHz	100.000 kHz	883.14685 MHz	-52.91 dBm	-39.91 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99375 GHz	-41.20 dBm	-28.20 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98275 GHz	-34.65 dBm	-21.65 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.62359 GHz	-40.82 dBm	-27.82 dB

Date: 8.MAY.2015 10:26:58

Middle Channel / 16QAM



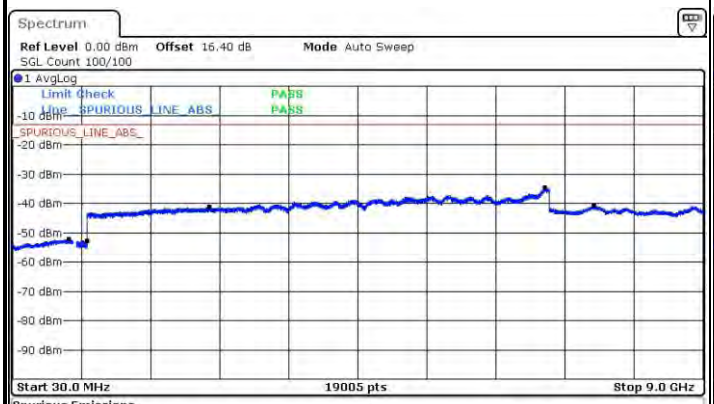
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	760.27361 MHz	-52.22 dBm	-39.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	882.16783 MHz	-52.80 dBm	-39.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.38640 GHz	-41.01 dBm	-28.01 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95326 GHz	-34.68 dBm	-21.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.60710 GHz	-40.87 dBm	-27.87 dB

Date: 8.MAY.2015 10:28:11

LTE Band 5 / 5MHz

Highest Channel / QPSK

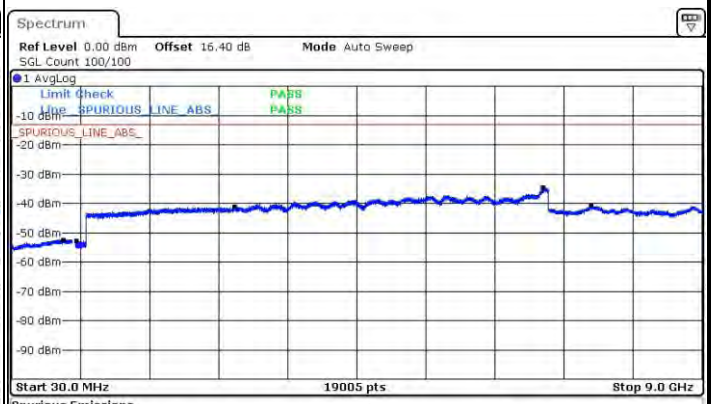


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	760.27361 MHz	-52.23 dBm	-39.23 dB
860.000 MHz	1.000 GHz	100.000 kHz	996.99301 MHz	-52.92 dBm	-39.92 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.58885 GHz	-41.28 dBm	-28.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94226 GHz	-34.61 dBm	-21.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57911 GHz	-40.92 dBm	-27.92 dB

Date: 3.MAY.2015 10:34:56

Highest Channel / 16QAM



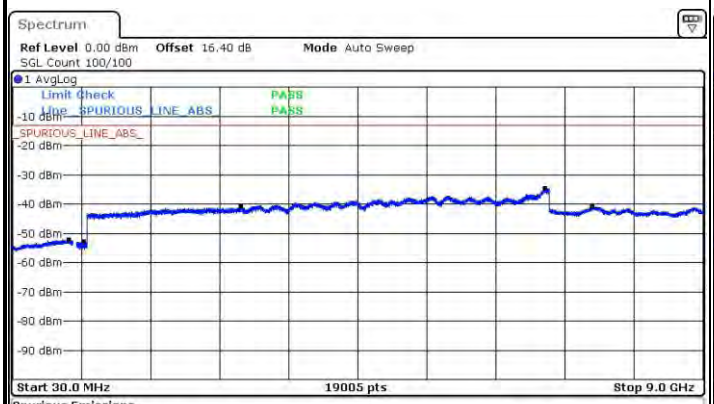
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	697.89730 MHz	-52.42 dBm	-39.42 dB
860.000 MHz	1.000 GHz	100.000 kHz	865.94406 MHz	-52.80 dBm	-39.80 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.92677 GHz	-41.26 dBm	-28.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.93726 GHz	-34.68 dBm	-21.68 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.56211 GHz	-40.74 dBm	-27.74 dB

Date: 3.MAY.2015 10:36:09

LTE Band 5 / 10MHz

Lowest Channel / QPSK

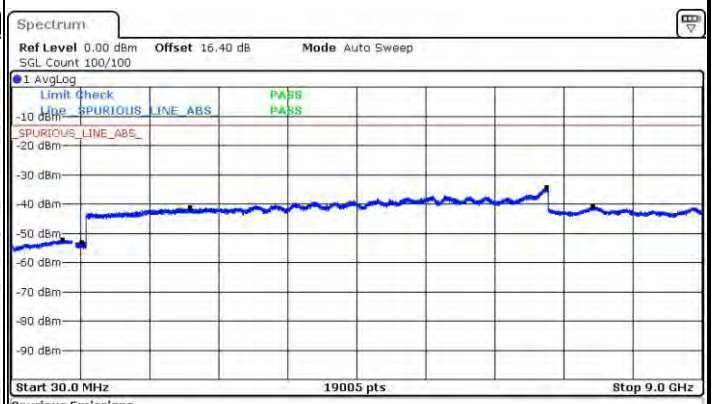


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	755.95827 MHz	-52.17 dBm	-39.17 dB
860.000 MHz	1.000 GHz	100.000 kHz	949.72028 MHz	-52.93 dBm	-39.93 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99775 GHz	-40.84 dBm	-27.84 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94976 GHz	-34.61 dBm	-21.61 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.55561 GHz	-40.92 dBm	-27.92 dB

Date: 3.MAY.2015 10:42:53

Lowest Channel / 16QAM



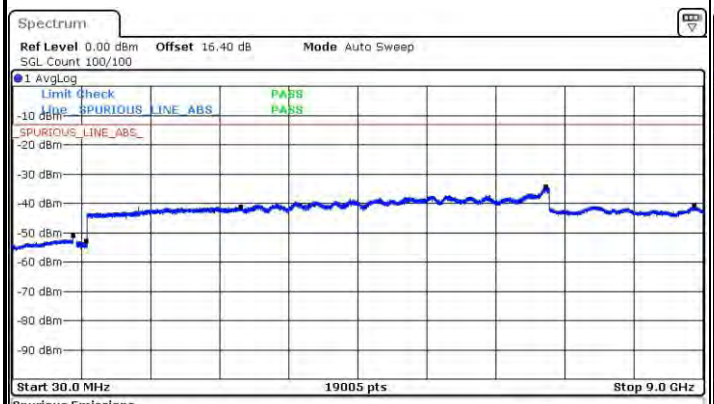
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	692.79735 MHz	-52.37 dBm	-39.37 dB
860.000 MHz	1.000 GHz	100.000 kHz	935.87413 MHz	-53.00 dBm	-40.00 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.34091 GHz	-41.21 dBm	-28.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98025 GHz	-34.24 dBm	-21.24 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.57711 GHz	-40.80 dBm	-27.80 dB

Date: 3.MAY.2015 10:44:06

LTE Band 5 / 10MHz

Middle Channel / QPSK

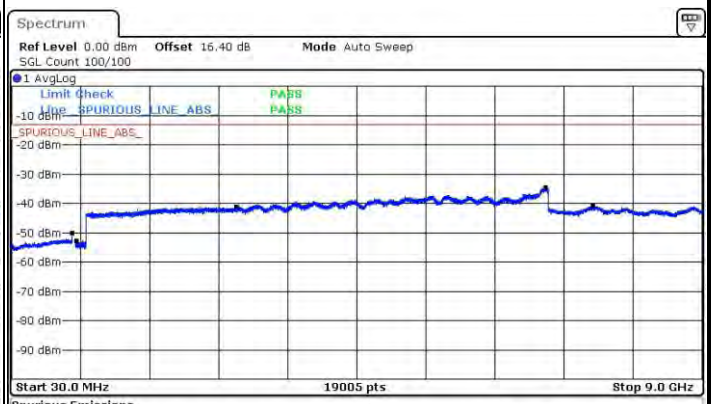


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-50.90 dBm	-37.90 dB
860.000 MHz	1.000 GHz	100.000 kHz	984.68531 MHz	-52.79 dBm	-39.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.99525 GHz	-41.26 dBm	-28.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95676 GHz	-34.47 dBm	-21.47 dB
7.000 GHz	9.000 GHz	1.000 MHz	8.88128 GHz	-40.99 dBm	-27.99 dB

Date: 3.MAY.2015 10:46:11

Middle Channel / 16QAM

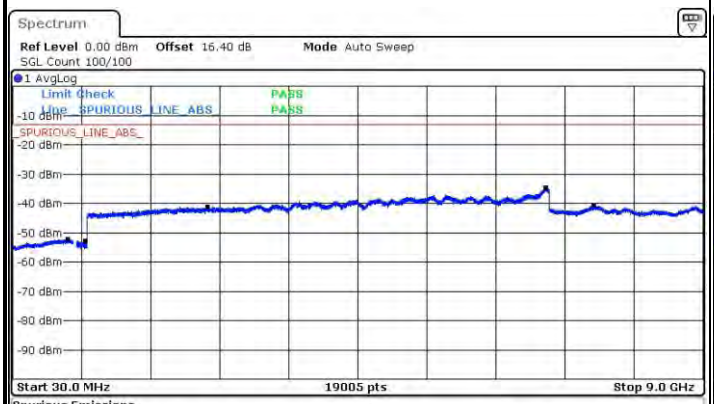


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	814.41154 MHz	-50.22 dBm	-37.22 dB
860.000 MHz	1.000 GHz	100.000 kHz	868.04196 MHz	-52.94 dBm	-39.94 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.95026 GHz	-41.25 dBm	-28.25 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-34.78 dBm	-21.78 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58110 GHz	-41.00 dBm	-28.00 dB

Date: 3.MAY.2015 10:47:24

Highest Channel / QPSK

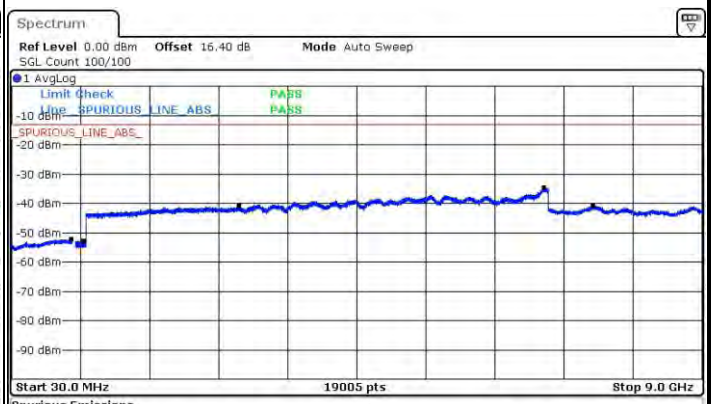


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	747.71989 MHz	-52.38 dBm	-39.38 dB
860.000 MHz	1.000 GHz	100.000 kHz	969.58042 MHz	-52.76 dBm	-39.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.56536 GHz	-41.14 dBm	-28.14 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95776 GHz	-34.71 dBm	-21.71 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58260 GHz	-40.74 dBm	-27.74 dB

Date: 3.MAY.2015 10:54:38

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	815.000 MHz	100.000 kHz	797.54248 MHz	-52.33 dBm	-39.33 dB
860.000 MHz	1.000 GHz	100.000 kHz	961.46853 MHz	-52.77 dBm	-39.77 dB
1.000 GHz	3.000 GHz	1.000 MHz	2.97826 GHz	-41.02 dBm	-28.02 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.95026 GHz	-34.73 dBm	-21.73 dB
7.000 GHz	9.000 GHz	1.000 MHz	7.58010 GHz	-40.82 dBm	-27.82 dB

Date: 3.MAY.2015 10:55:52

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	0.0098	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0087	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0116	
0	Normal Voltage	0.0134	
-10	Normal Voltage	0.0096	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0091	
20	Maximum Voltage	0.0068	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0084	

Note:

1. Normal Voltage = 3.7V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.1V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

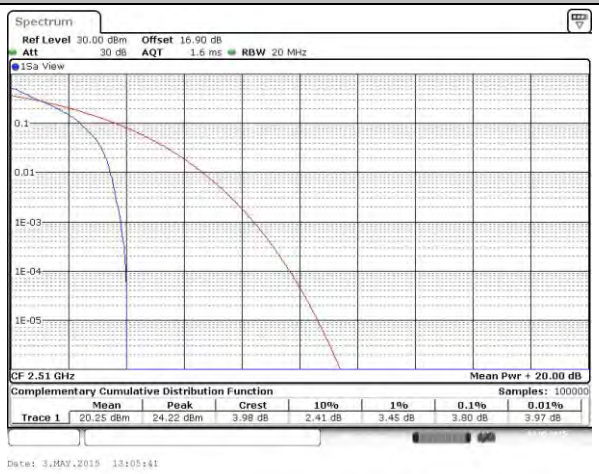
LTE Band 7

Peak-to-Average Ratio

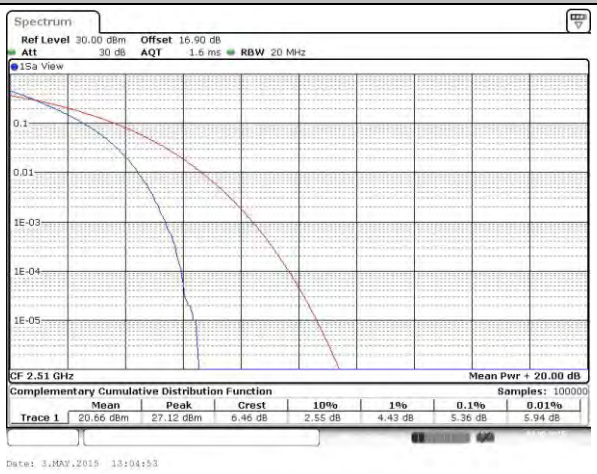
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.8	5.36	4.93	6.32	PASS
Middle CH	4.72	5.36	5.3	6.12	
Highest CH	4.23	5.16	5.39	6.2	

LTE Band 7 / 20MHz / QPSK

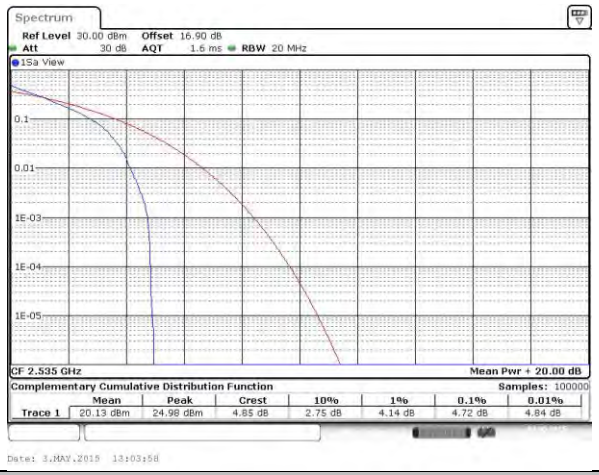
Lowest Channel / 1RB



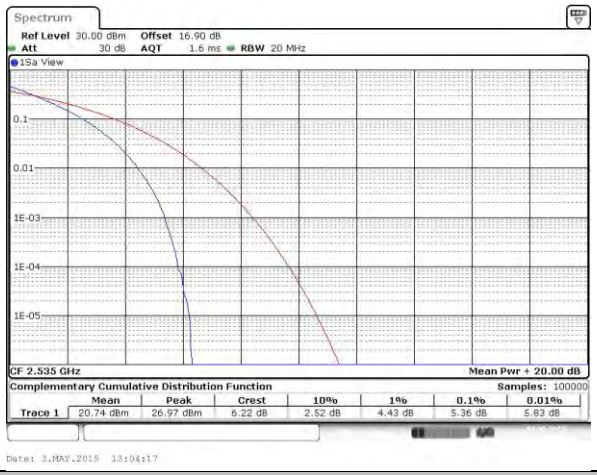
Lowest Channel / Full RB



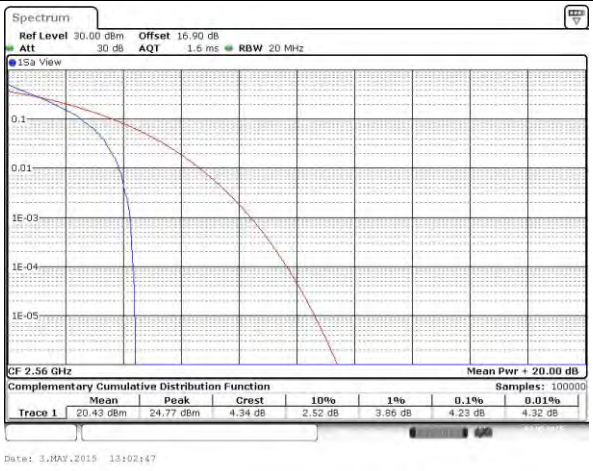
Middle Channel / 1RB



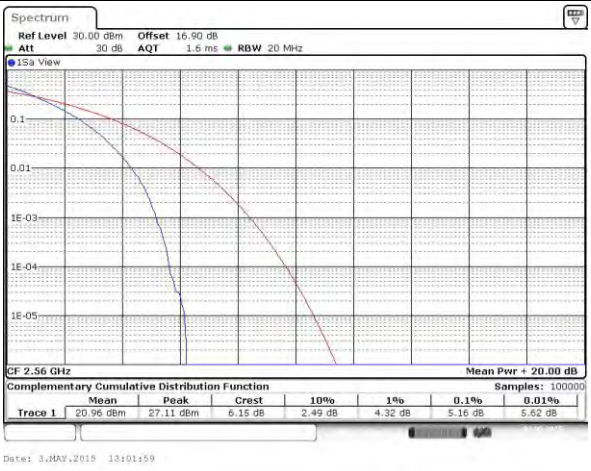
Middle Channel / Full RB



Highest Channel / 1RB

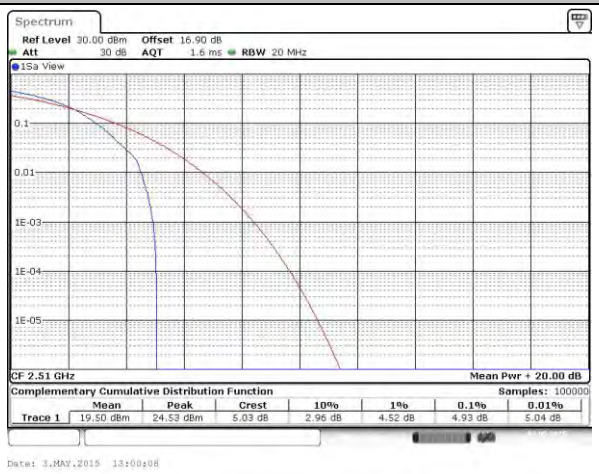


Highest Channel / Full RB

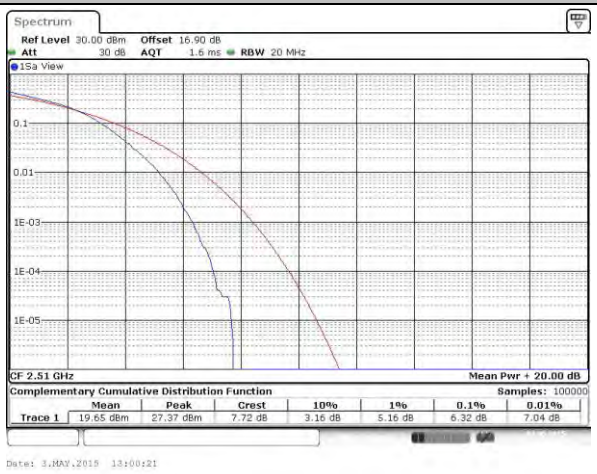


LTE Band 7 / 20MHz / 16QAM

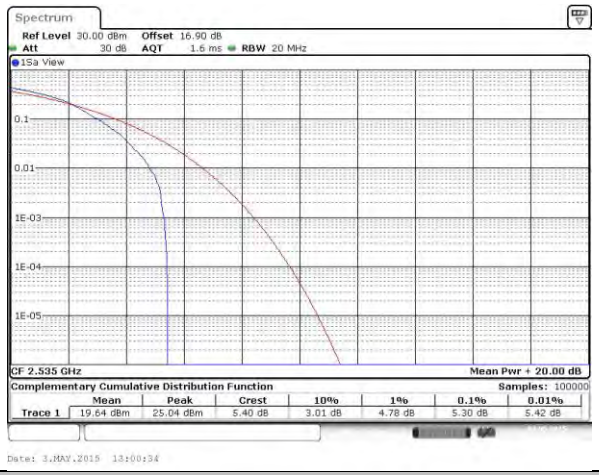
Lowest Channel / 1RB



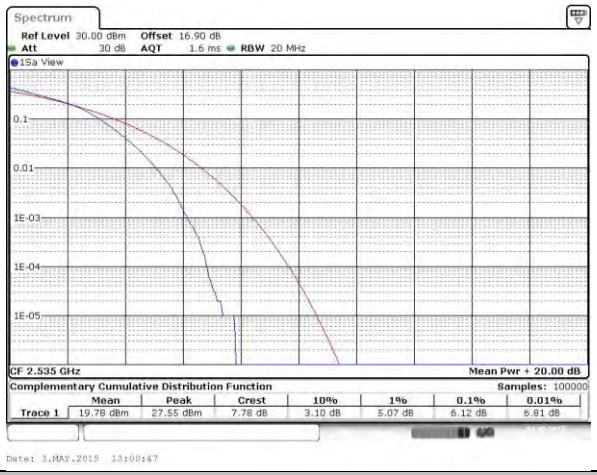
Lowest Channel / Full RB



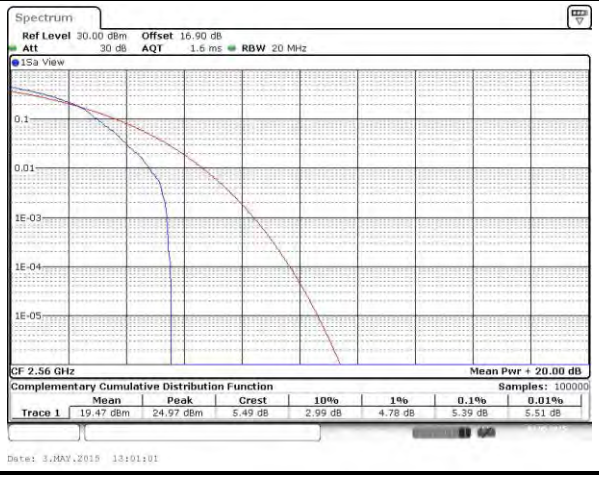
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



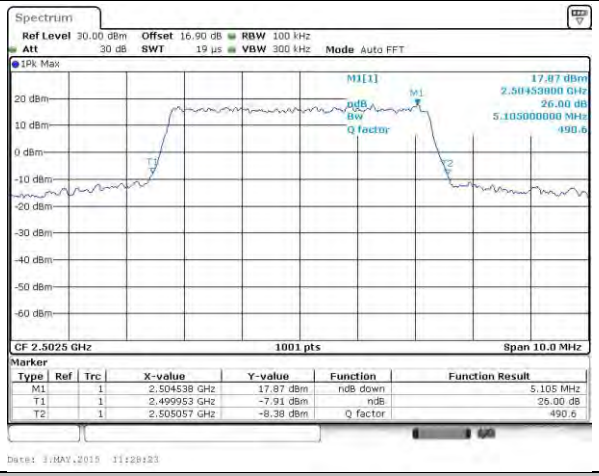
Highest Channel / Full RB

26dB Bandwidth

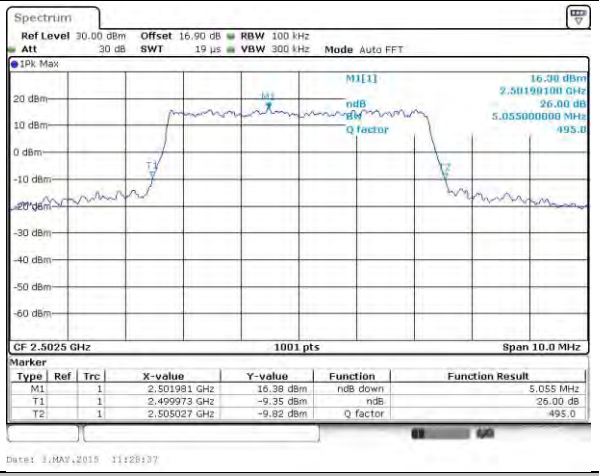
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.11	5.06	10.09	10.01	14.81	14.96	20.46	20.46
Middle CH	-	-	-	-	5.09	5.09	9.97	10.01	14.87	14.96	20.46	20.34
Highest CH	-	-	-	-	5.09	5.10	10.11	10.01	14.66	14.75	20.38	20.62

LTE Band 7

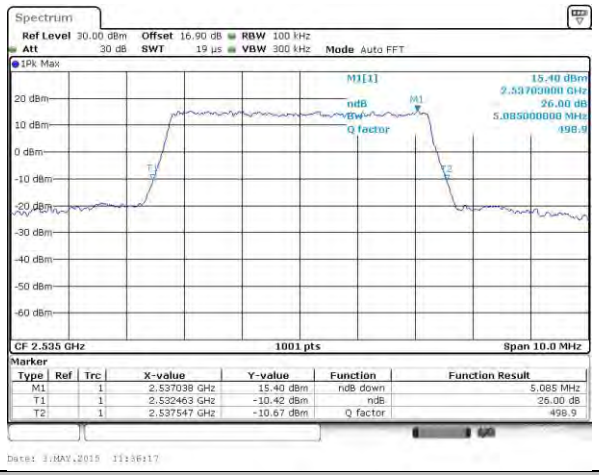
Lowest Channel / 5MHz / QPSK



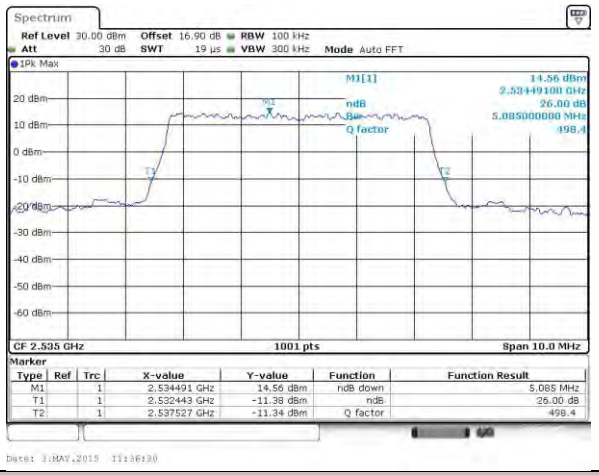
Lowest Channel / 5MHz / 16QAM



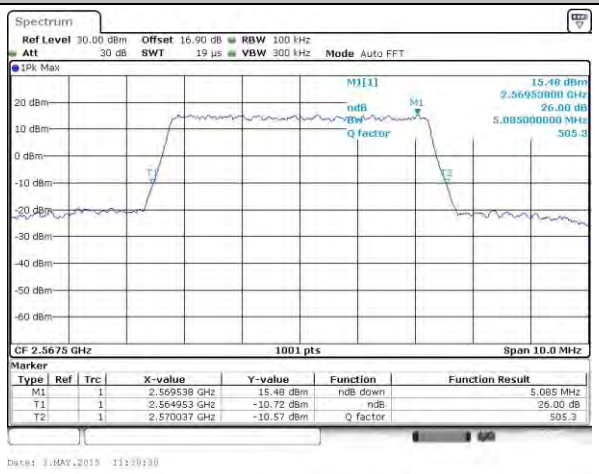
Middle Channel / 5MHz / QPSK



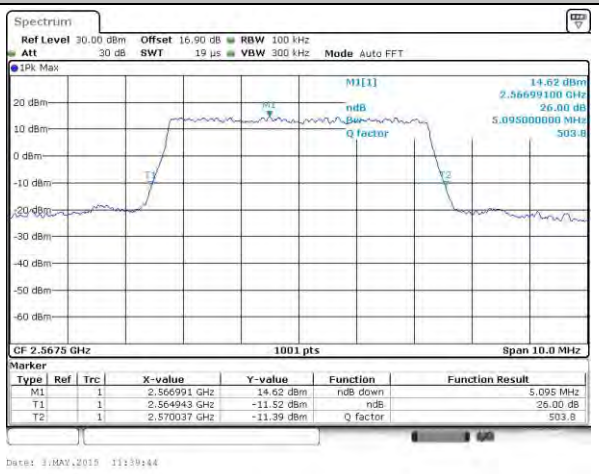
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

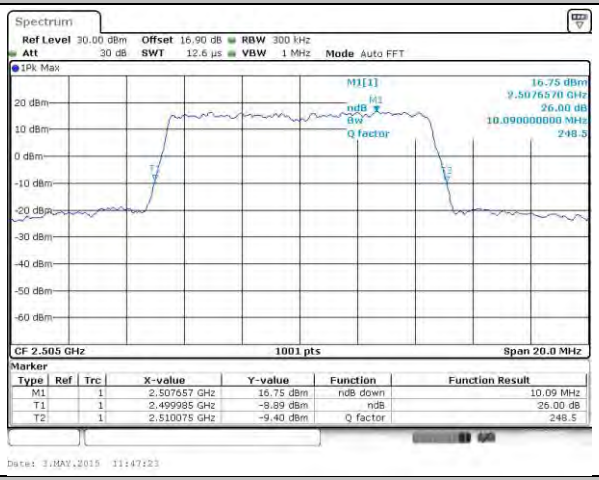


Highest Channel / 5MHz / 16QAM

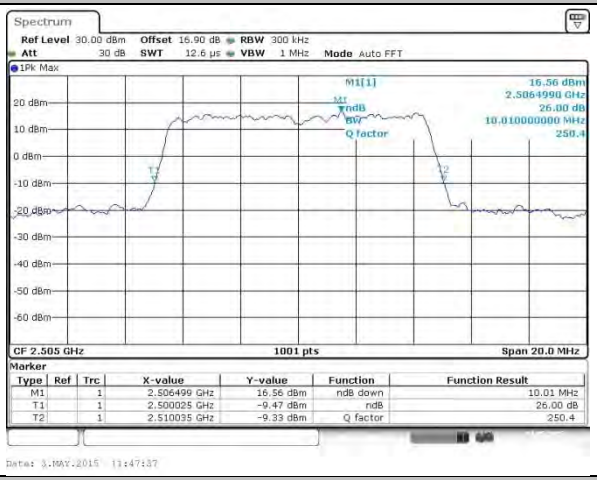


LTE Band 7

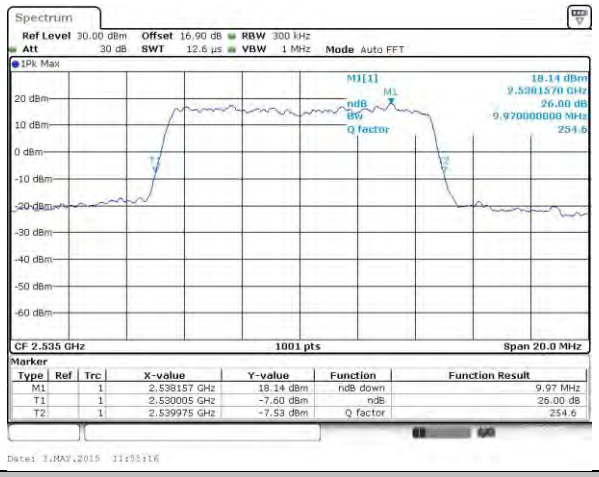
Lowest Channel / 10MHz / QPSK



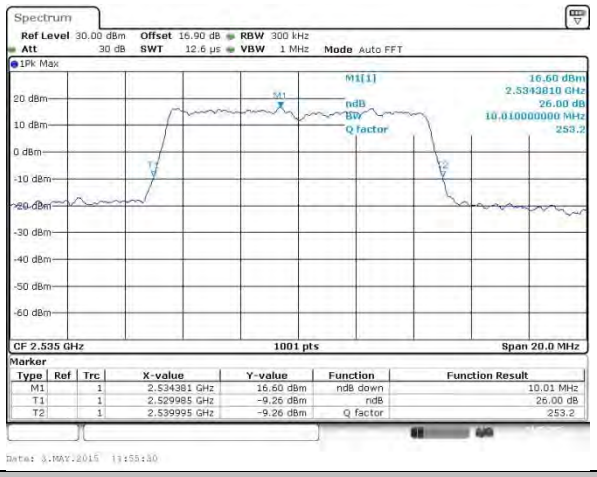
Lowest Channel / 10MHz / 16QAM



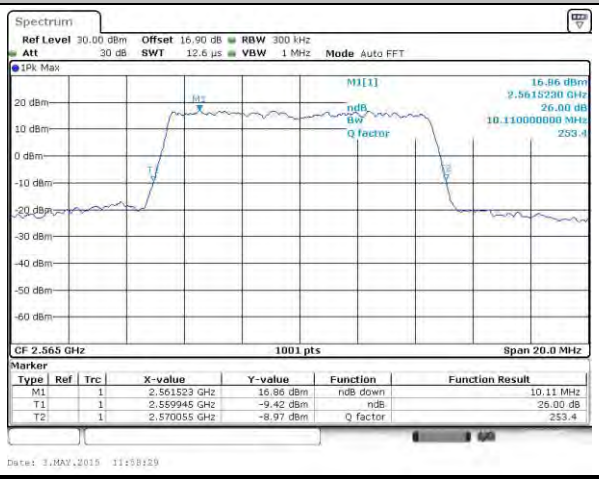
Middle Channel / 10MHz / QPSK



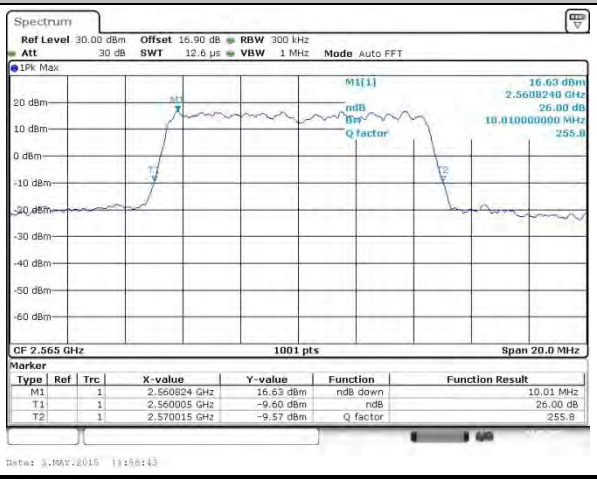
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

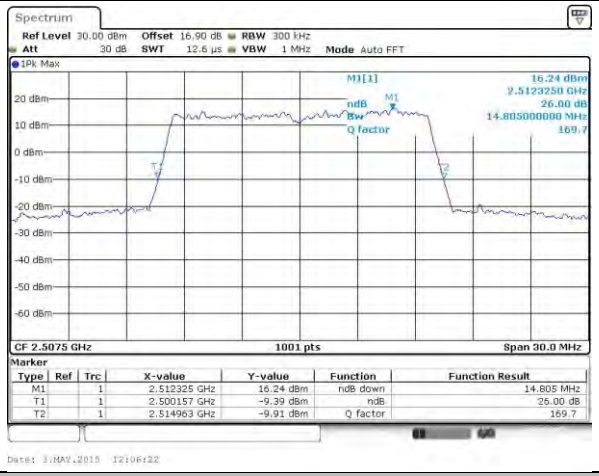


Highest Channel / 10MHz / 16QAM

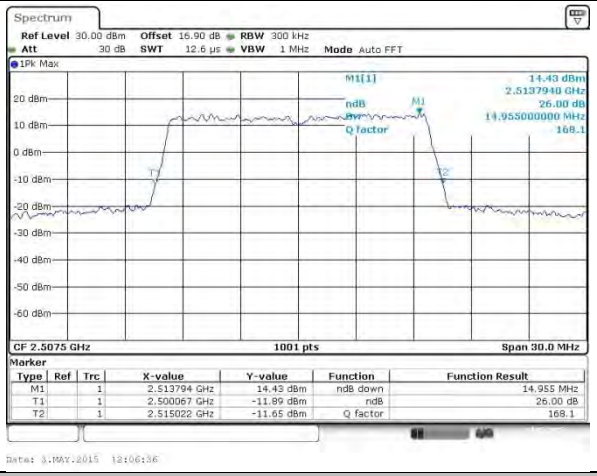


LTE Band 7

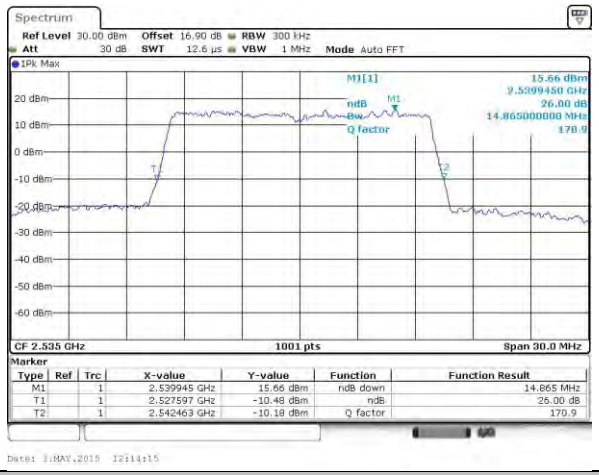
Lowest Channel / 15MHz / QPSK



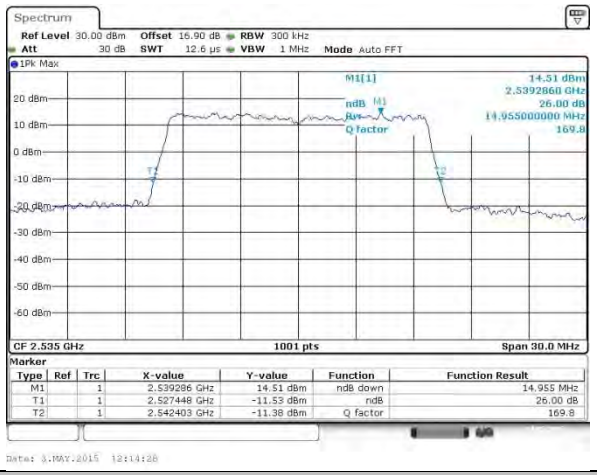
Lowest Channel / 15MHz / 16QAM



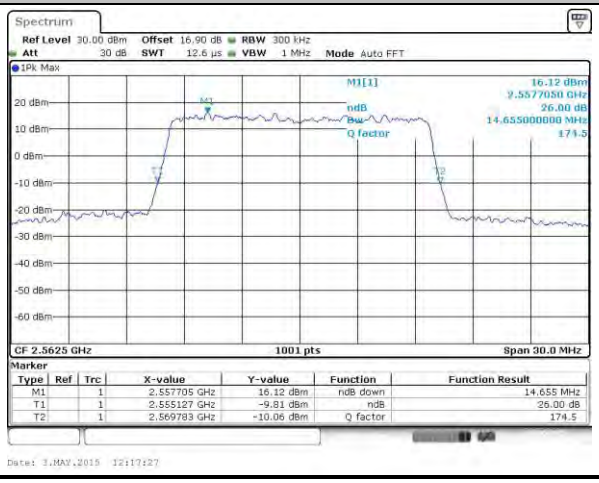
Middle Channel / 15MHz / QPSK



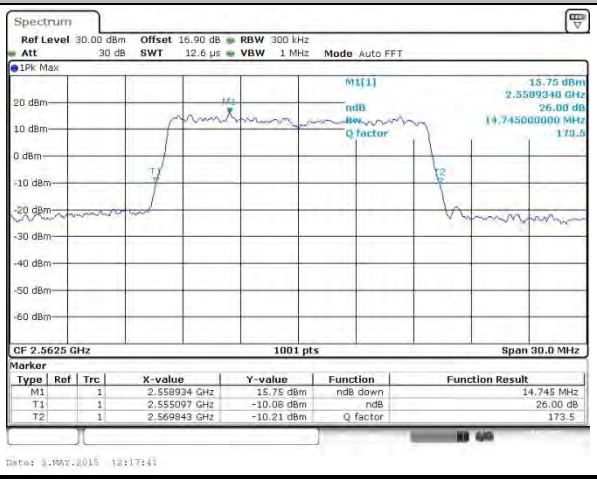
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

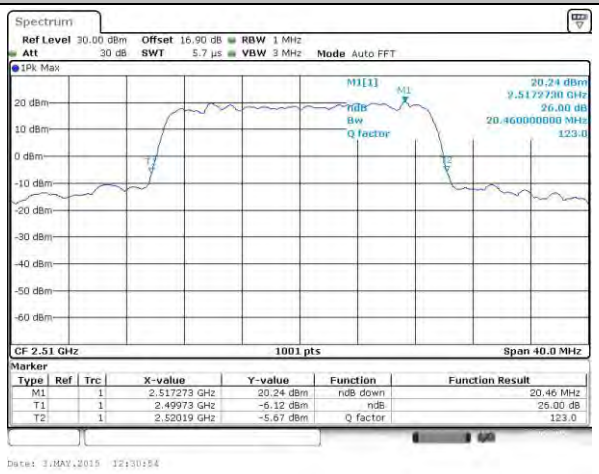


Highest Channel / 15MHz / 16QAM

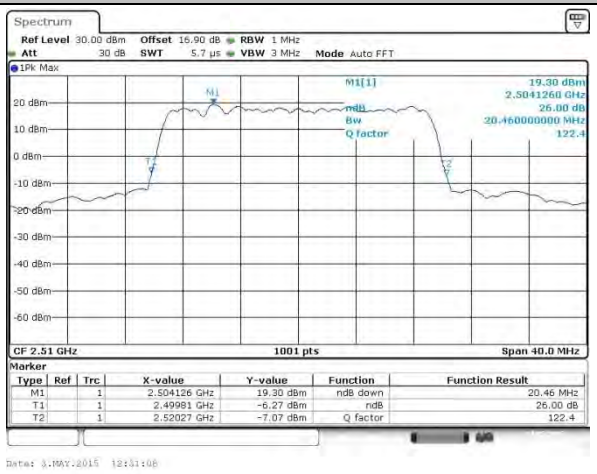


LTE Band 7

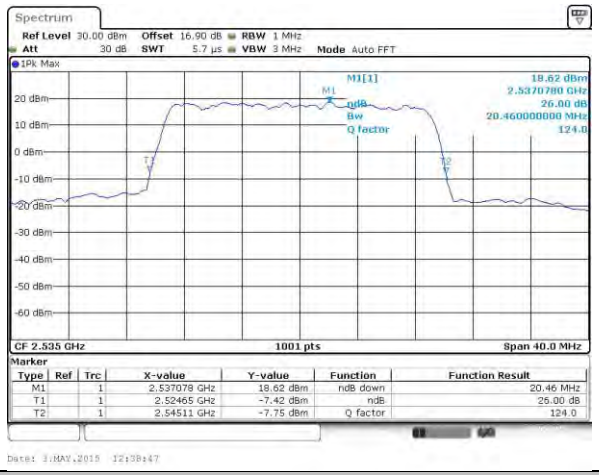
Lowest Channel / 20MHz / QPSK



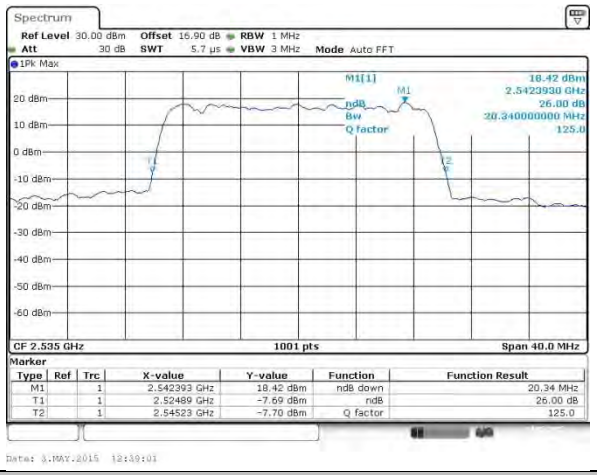
Lowest Channel / 20MHz / 16QAM



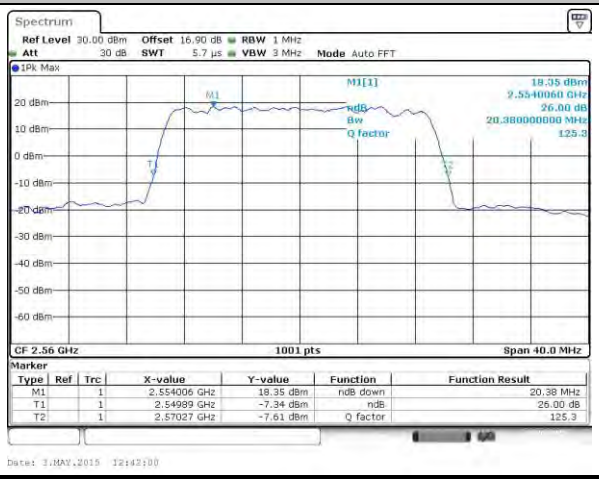
Middle Channel / 20MHz / QPSK



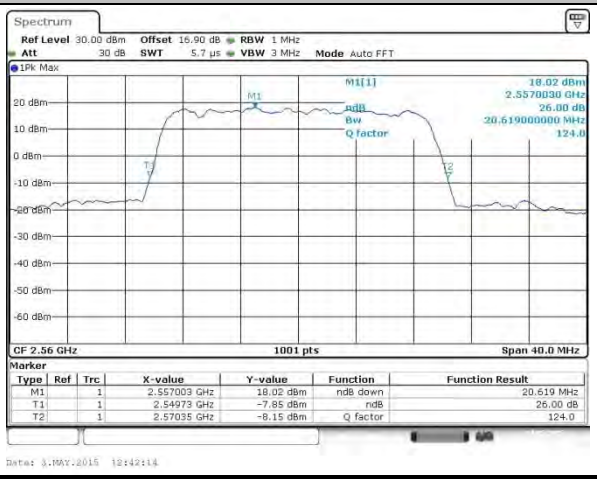
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

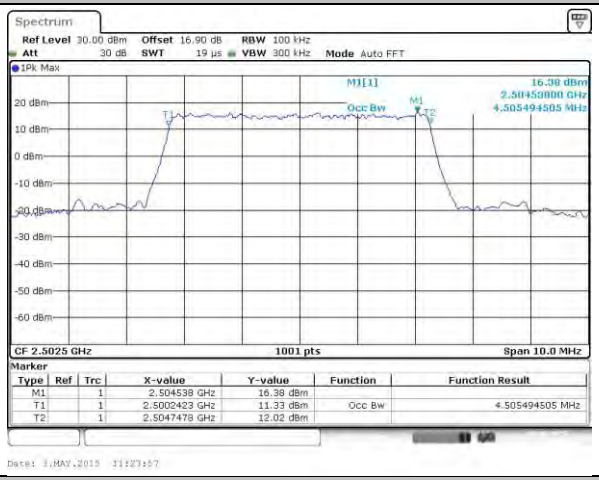


Occupied Bandwidth

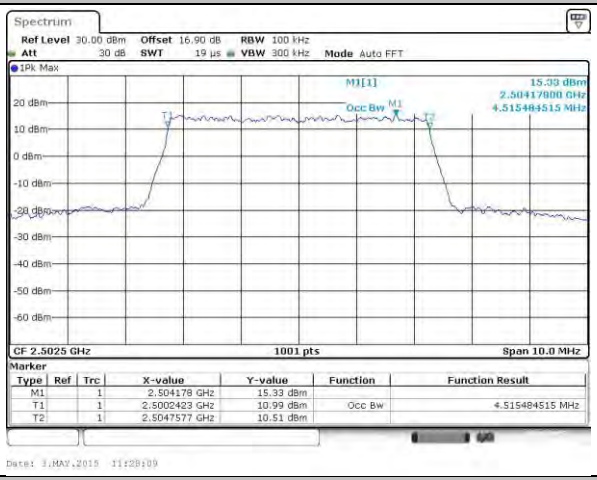
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	9.03	9.01	13.46	13.49	18.42	18.58
Middle CH	-	-	-	-	4.51	4.51	9.09	9.01	13.52	13.49	18.5	18.34
Highest CH	-	-	-	-	4.51	4.51	9.05	9.05	13.52	13.46	18.38	18.3

LTE Band 7

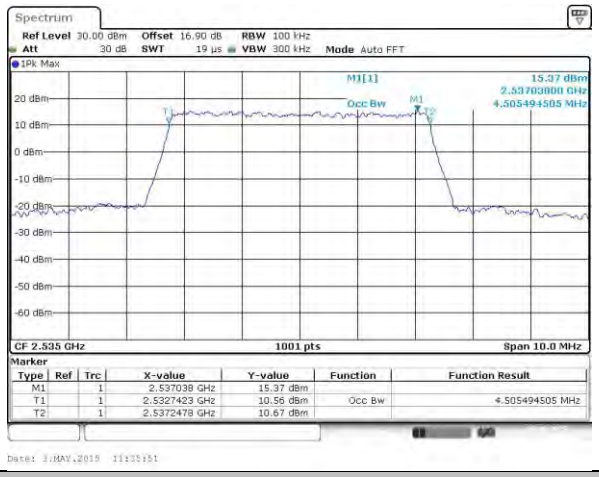
Lowest Channel / 5MHz / QPSK



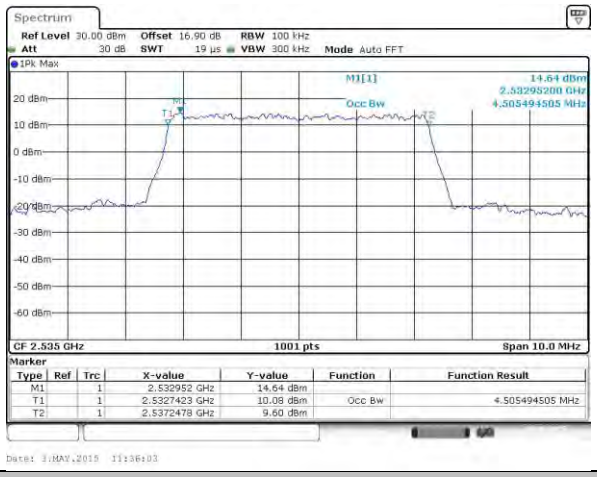
Lowest Channel / 5MHz / 16QAM



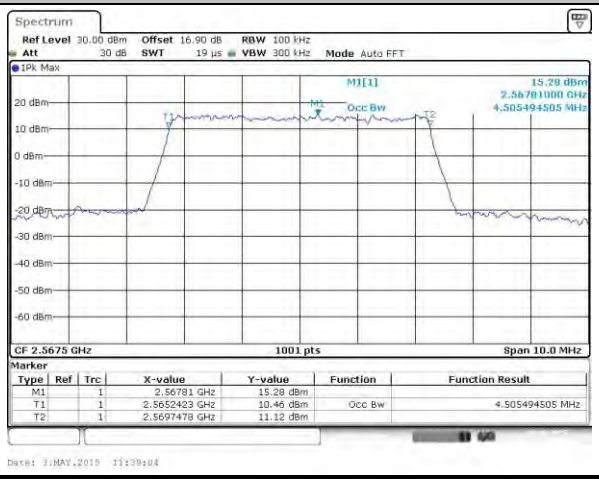
Middle Channel / 5MHz / QPSK



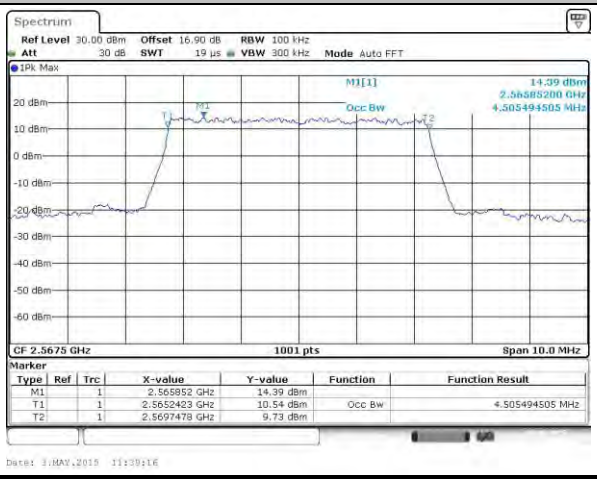
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

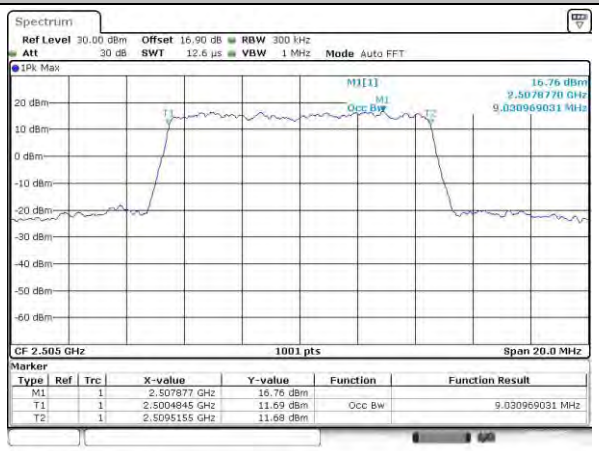


Highest Channel / 5MHz / 16QAM

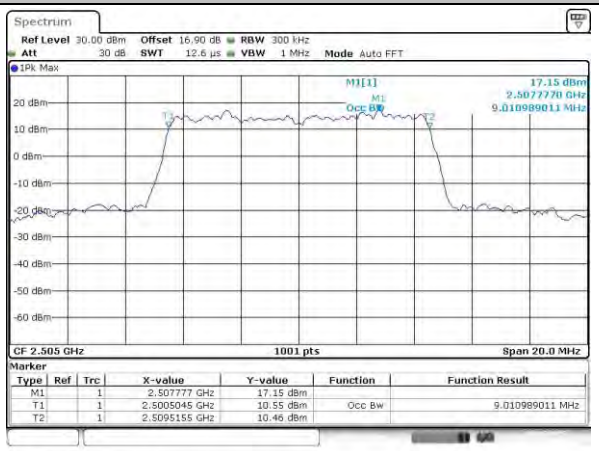


LTE Band 7

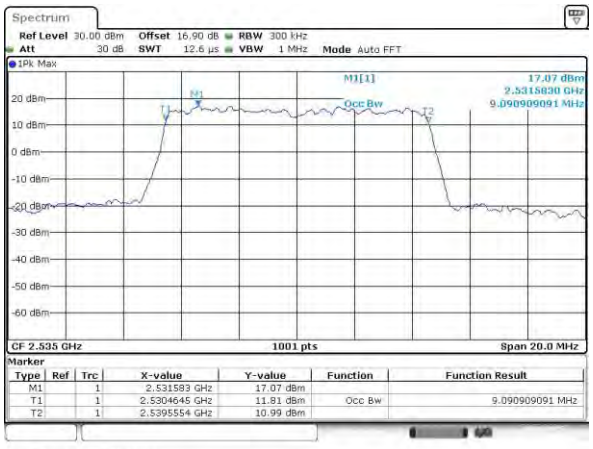
Lowest Channel / 10MHz / QPSK



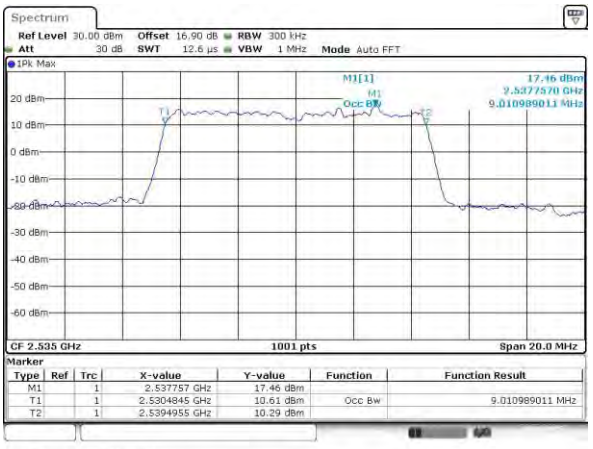
Lowest Channel / 10MHz / 16QAM



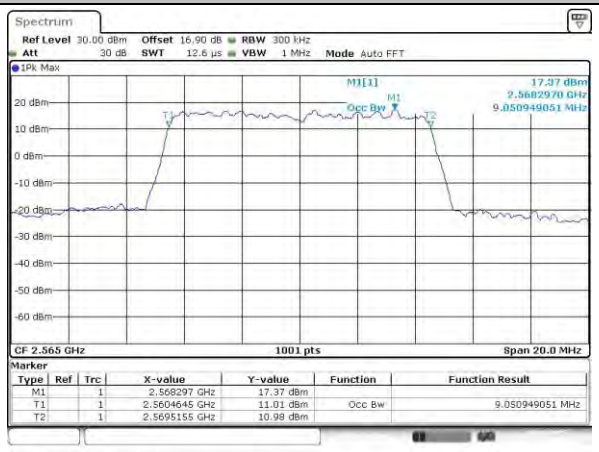
Middle Channel / 10MHz / QPSK



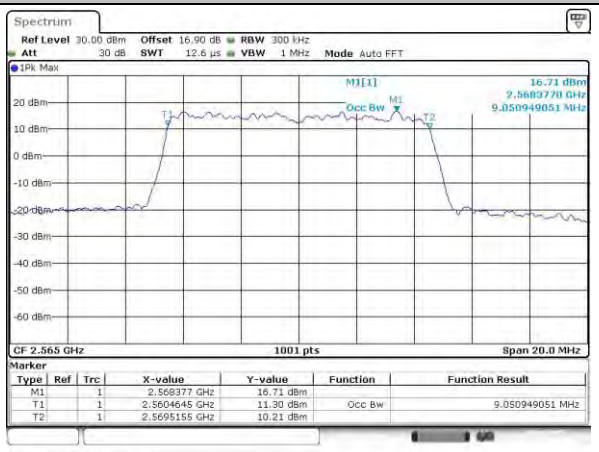
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

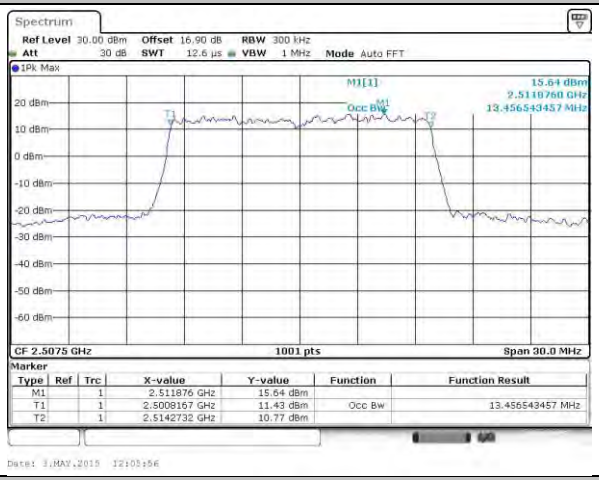


Highest Channel / 10MHz / 16QAM

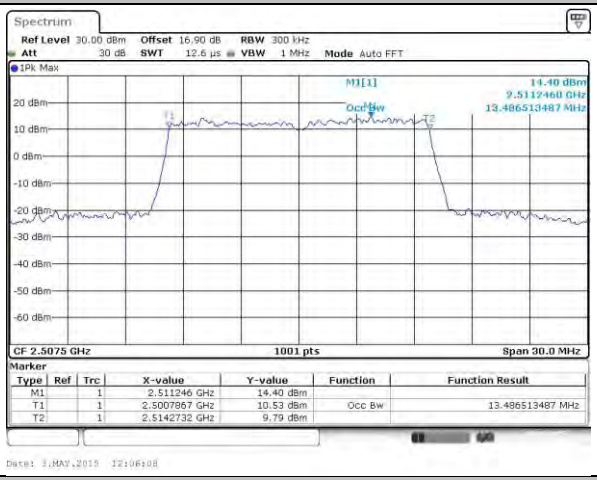


LTE Band 7

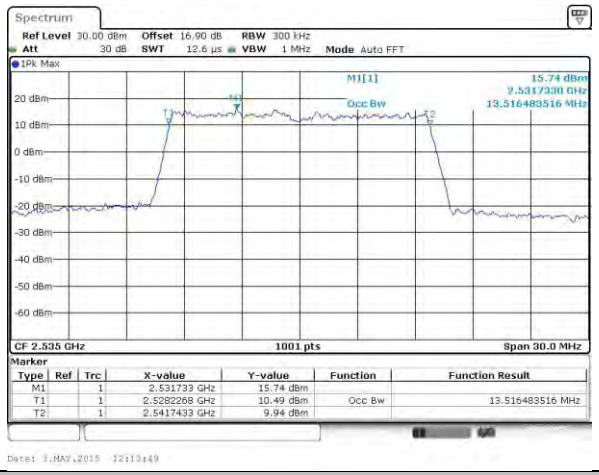
Lowest Channel / 15MHz / QPSK



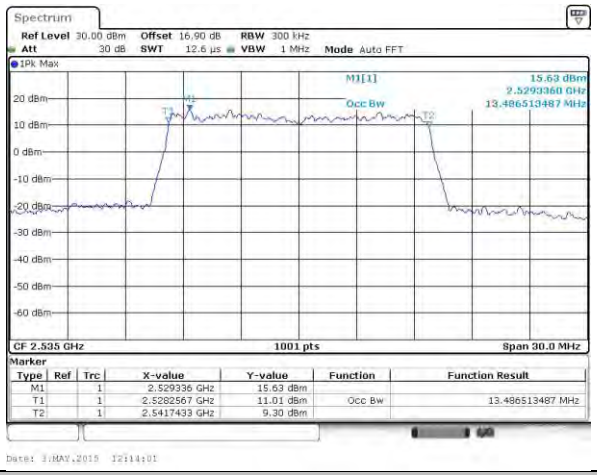
Lowest Channel / 15MHz / 16QAM



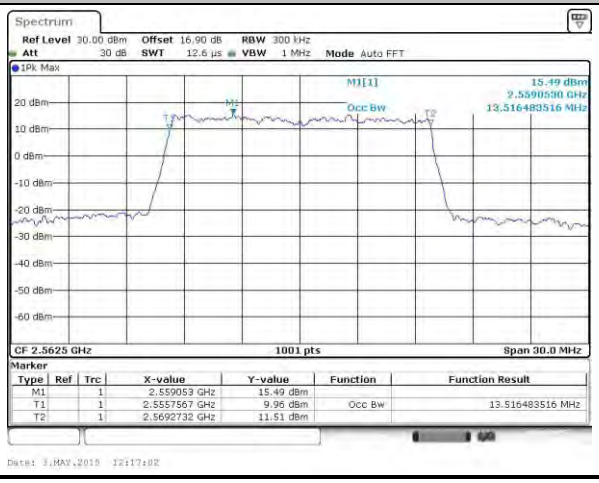
Middle Channel / 15MHz / QPSK



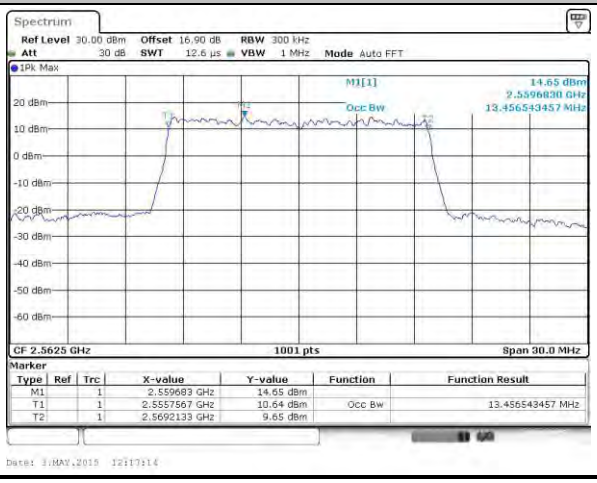
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

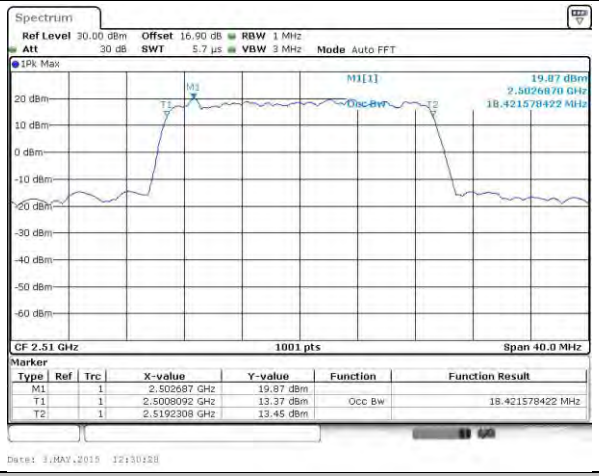


Highest Channel / 15MHz / 16QAM

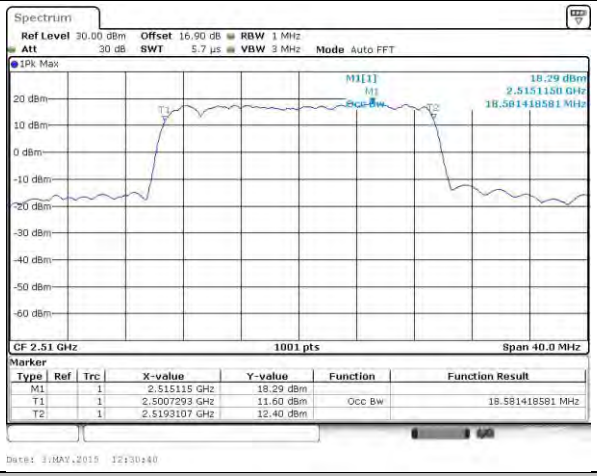


LTE Band 7

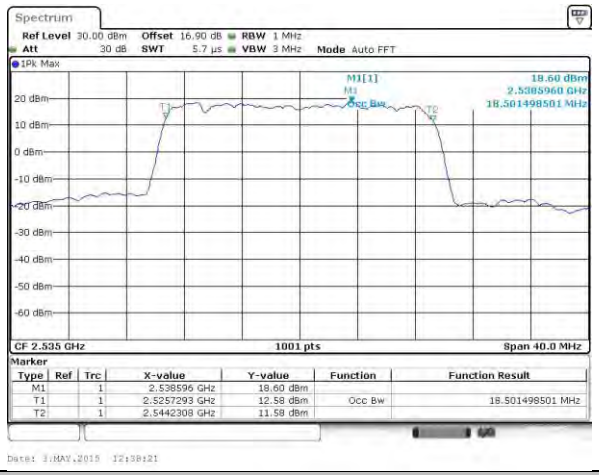
Lowest Channel / 20MHz / QPSK



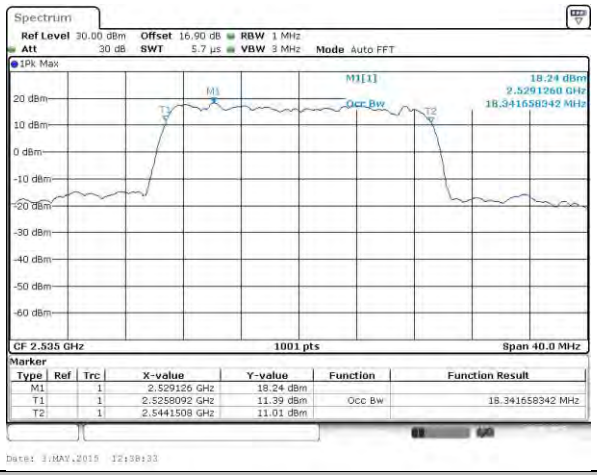
Lowest Channel / 20MHz / 16QAM



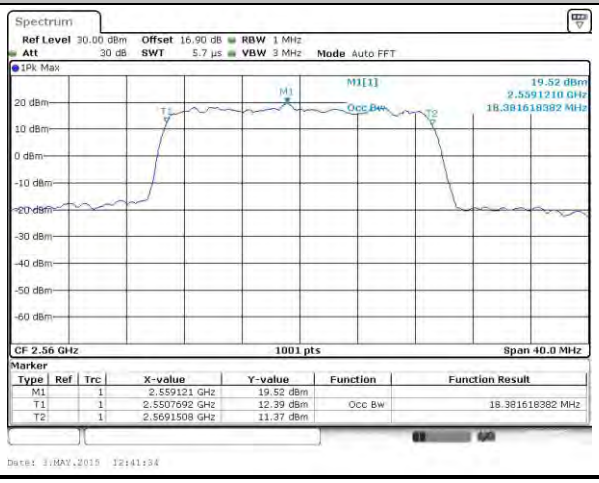
Middle Channel / 20MHz / QPSK



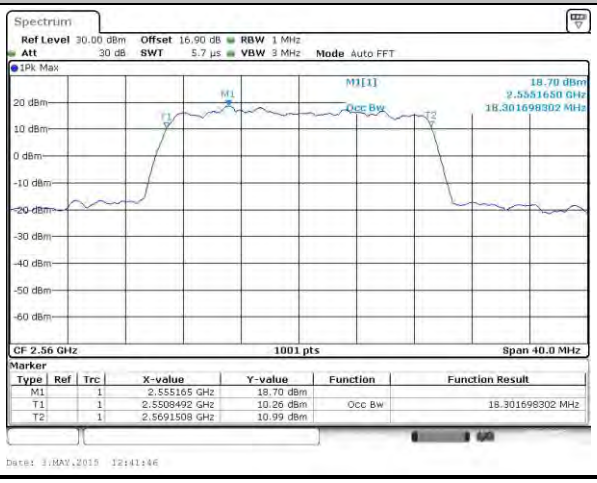
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



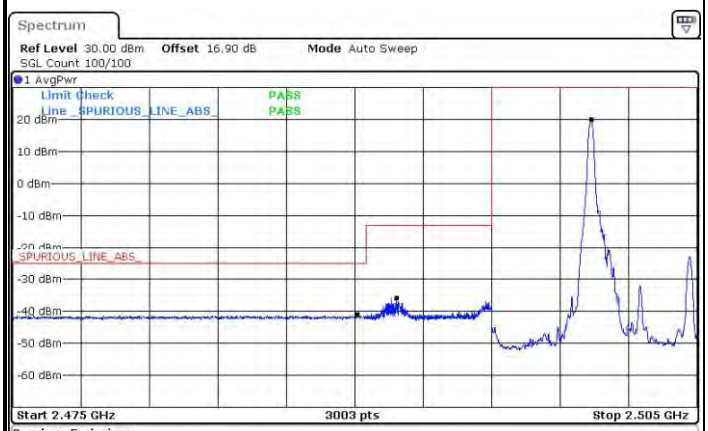
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

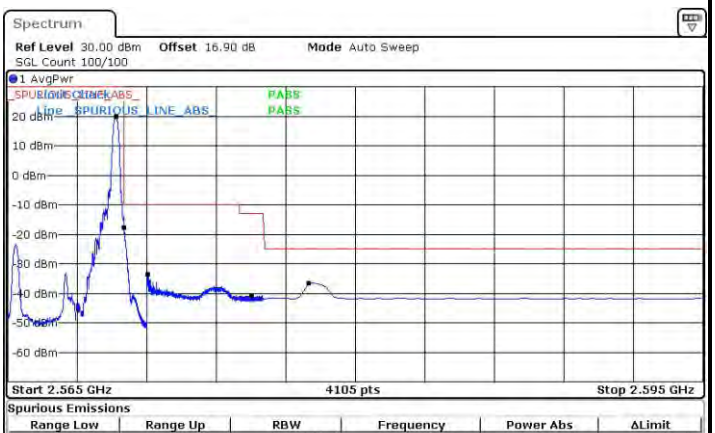


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49012 GHz	-41.13 dBm	-16.13 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49181 GHz	-35.86 dBm	-22.86 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50037 GHz	19.90 dBm	-10.10 dB

Date: 3.MAY.2015 11:29:47

Highest Band Edge / 1 RB

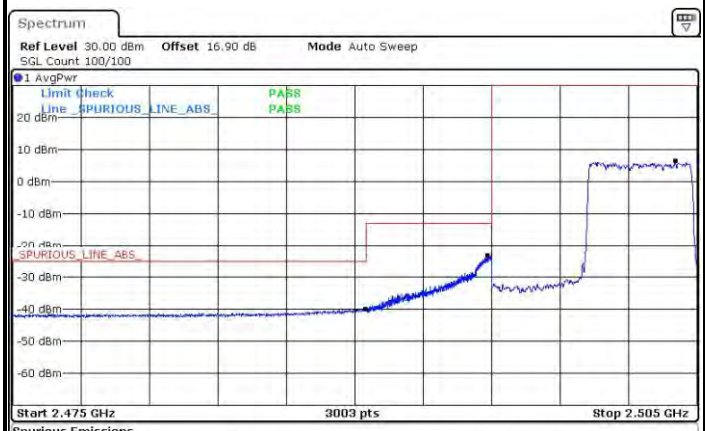


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56967 GHz	19.98 dBm	-10.02 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-17.70 dBm	-7.70 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-33.72 dBm	-23.72 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57552 GHz	-40.75 dBm	-27.75 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57798 GHz	-36.51 dBm	-11.51 dB

Date: 3.MAY.2015 11:40:53

Lowest Band Edge / Full RB

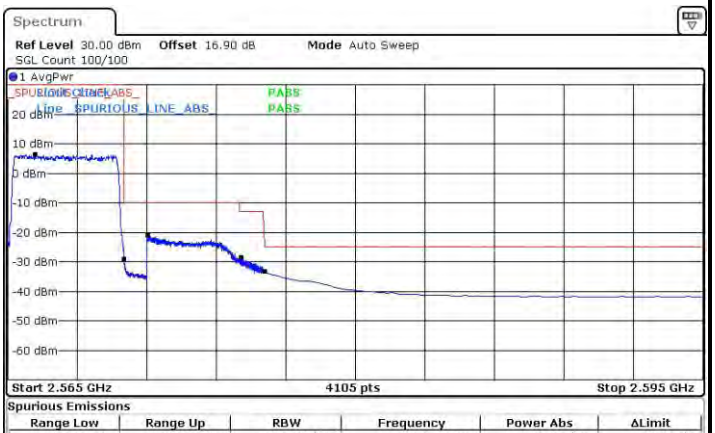


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49045 GHz	-39.94 dBm	-14.94 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49583 GHz	-23.04 dBm	-10.04 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50403 GHz	6.30 dBm	-23.70 dB

Date: 3.MAY.2015 11:32:07

Highest Band Edge / Full RB



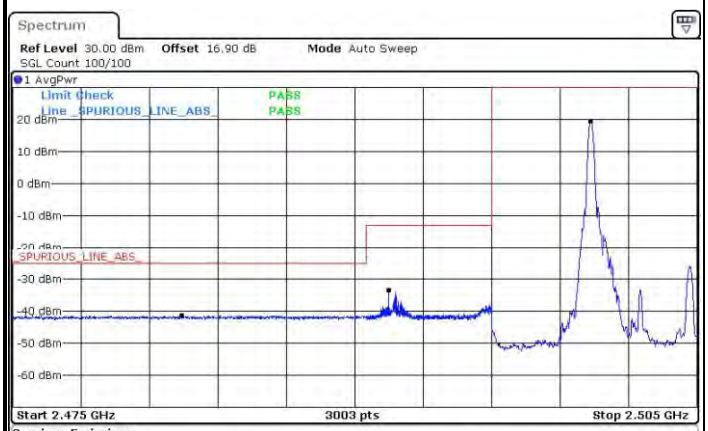
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56617 GHz	6.50 dBm	-23.50 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-29.07 dBm	-19.07 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-21.11 dBm	-11.11 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57507 GHz	-28.57 dBm	-15.57 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-33.39 dBm	-8.39 dB

Date: 3.MAY.2015 11:43:13

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	2.48242 GHz	-41.32 dBm	-16.32 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49148 GHz	-33.46 dBm	-20.46 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	19.52 dBm	-10.48 dB

Date: 3.MAY.2015 11:30:57

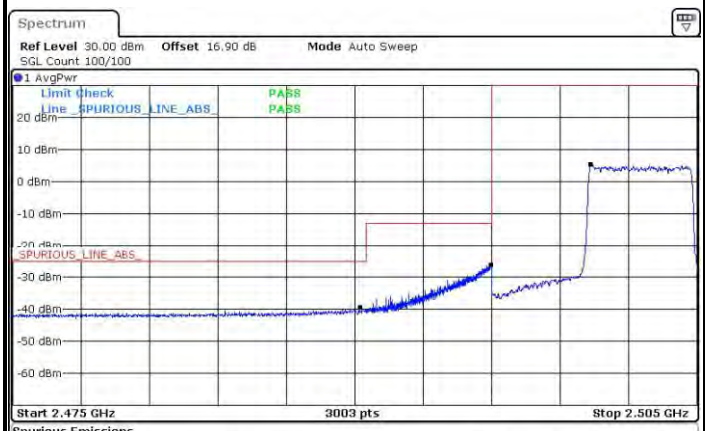
Highest Band Edge / 1 RB

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	19.12 dBm	-10.88 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57001 GHz	-17.34 dBm	-7.34 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57134 GHz	-32.53 dBm	-22.53 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57582 GHz	-40.83 dBm	-27.83 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57816 GHz	-35.66 dBm	-10.66 dB

Date: 3.MAY.2015 11:42:03

Lowest Band Edge / Full RB

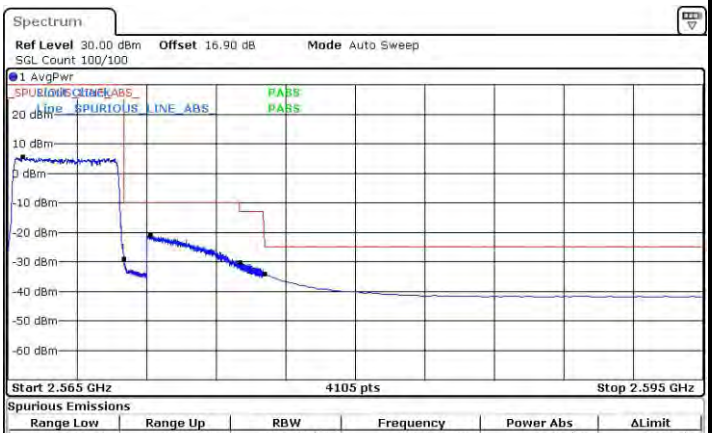


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49023 GHz	-39.30 dBm	-14.30 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49594 GHz	-25.97 dBm	-12.97 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	5.22 dBm	-24.78 dB

Date: 3.MAY.2015 11:33:17

Highest Band Edge / Full RB



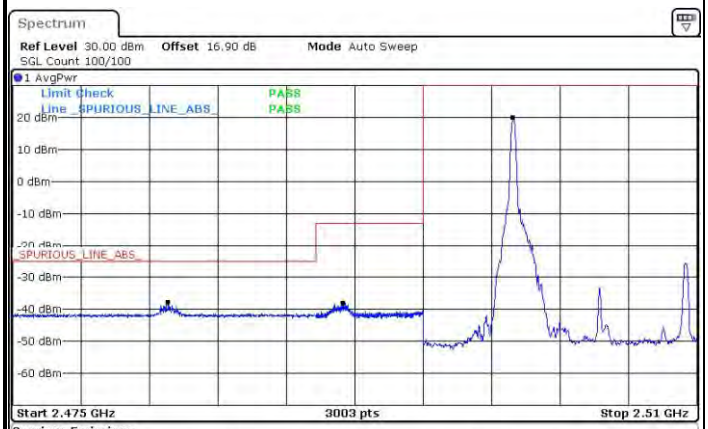
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56565 GHz	5.63 dBm	-24.37 dB
2.570 GHz	2.571 GHz	50.000 kHz	2.57000 GHz	-29.19 dBm	-19.19 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57114 GHz	-21.17 dBm	-11.17 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-30.21 dBm	-17.21 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57609 GHz	-34.33 dBm	-9.33 dB

Date: 3.MAY.2015 11:44:24

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

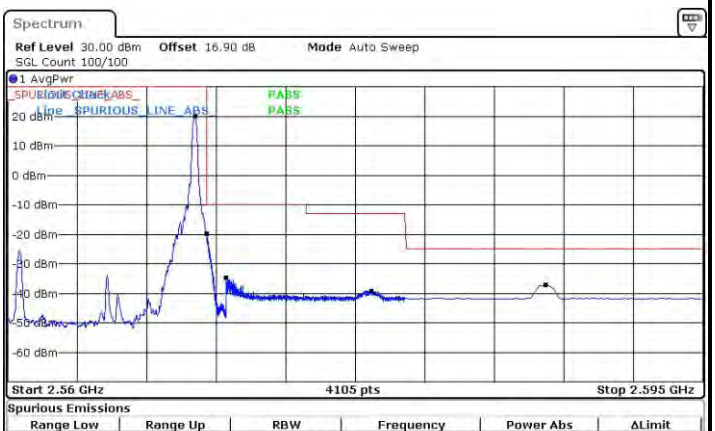


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48295 GHz	-37.79 dBm	-12.79 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49187 GHz	-38.04 dBm	-25.04 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50058 GHz	19.99 dBm	-10.01 dB

Date: 3.MAY.2015 11:48:46

Highest Band Edge / 1 RB

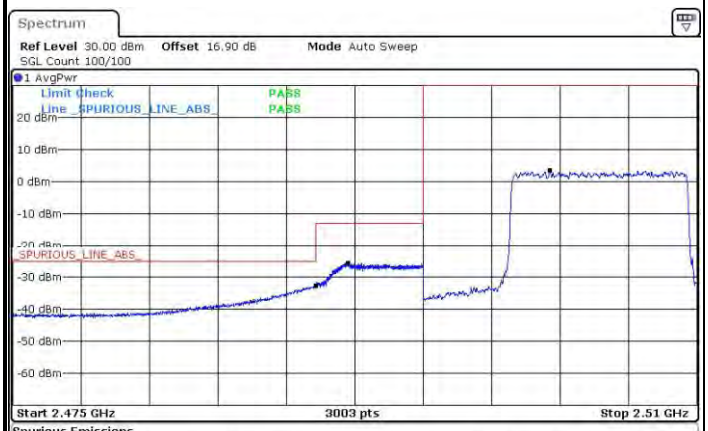


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	20.21 dBm	-9.79 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-19.90 dBm	-9.90 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-34.73 dBm	-24.73 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57831 GHz	-39.16 dBm	-26.16 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58705 GHz	-37.26 dBm	-12.26 dB

Date: 3.MAY.2015 11:50:52

Lowest Band Edge / Full RB

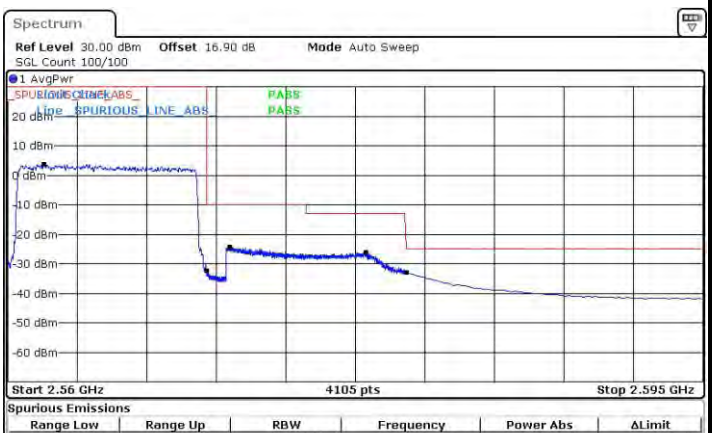


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-32.57 dBm	-7.57 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49213 GHz	-25.43 dBm	-12.43 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50248 GHz	3.56 dBm	-26.44 dB

Date: 3.MAY.2015 11:51:06

Highest Band Edge / Full RB



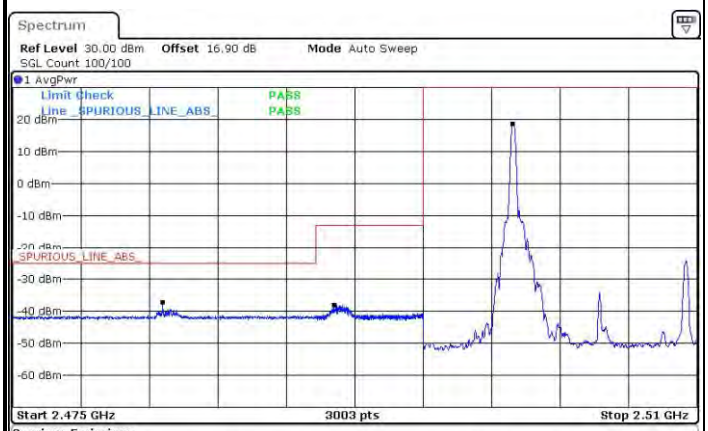
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56183 GHz	3.70 dBm	-26.30 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-32.36 dBm	-22.36 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57115 GHz	-24.39 dBm	-14.39 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57803 GHz	-25.97 dBm	-12.97 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-33.02 dBm	-8.02 dB

Date: 3.MAY.2015 12:02:12

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

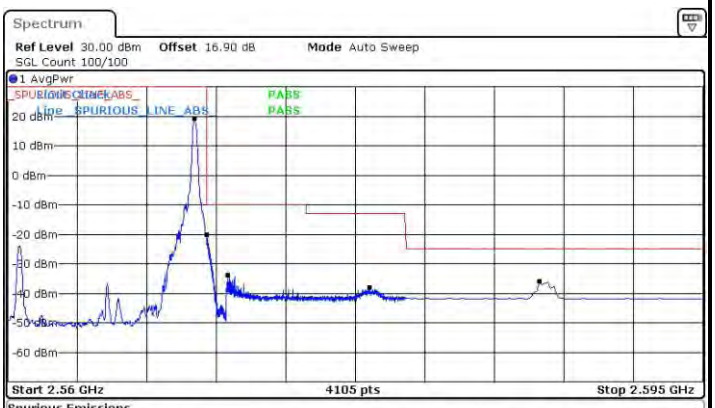


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48269 GHz	-37.10 dBm	-12.10 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49144 GHz	-38.03 dBm	-25.03 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50057 GHz	18.59 dBm	-11.41 dB

Date: 3.MAY.2015 11:49:56

Highest Band Edge / 1 RB

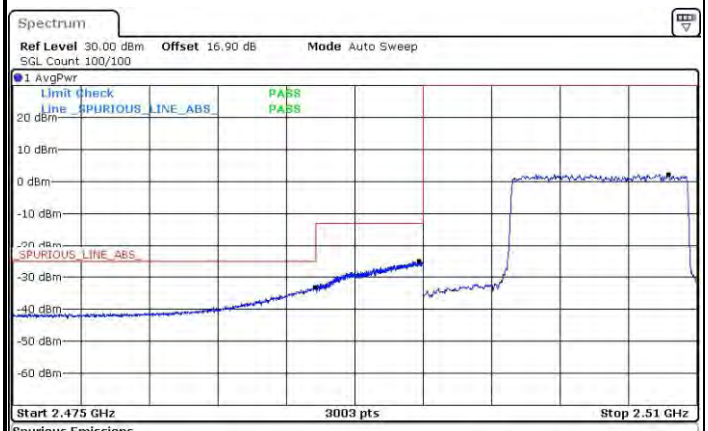


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56941 GHz	19.27 dBm	-10.73 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-20.02 dBm	-10.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-33.84 dBm	-23.84 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57821 GHz	-38.09 dBm	-25.09 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58676 GHz	-35.97 dBm	-10.97 dB

Date: 3.MAY.2015 12:01:02

Lowest Band Edge / Full RB

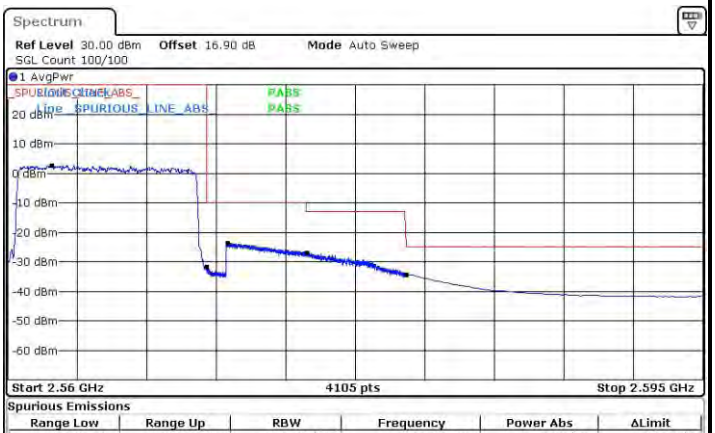


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-33.26 dBm	-8.26 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49579 GHz	-25.02 dBm	-12.02 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50852 GHz	2.20 dBm	-27.80 dB

Date: 3.MAY.2015 11:52:16

Highest Band Edge / Full RB



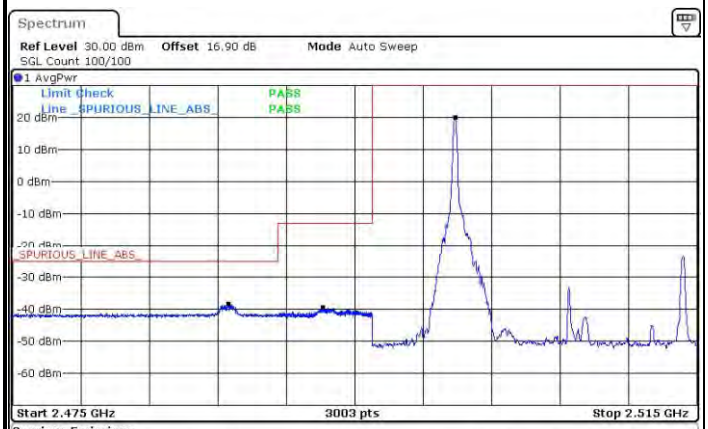
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56222 GHz	2.65 dBm	-27.35 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-31.89 dBm	-21.89 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57109 GHz	-23.59 dBm	-13.59 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57508 GHz	-27.08 dBm	-14.08 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-34.60 dBm	-9.60 dB

Date: 3.MAY.2015 12:03:22

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

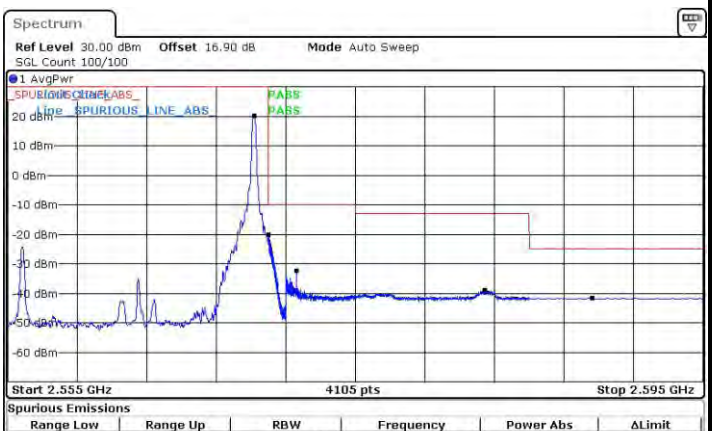


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48761 GHz	-38.20 dBm	-13.20 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49313 GHz	-39.41 dBm	-26.41 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.97 dBm	-10.03 dB

Date: 3.MAY.2015 12:07:45

Highest Band Edge / 1 RB

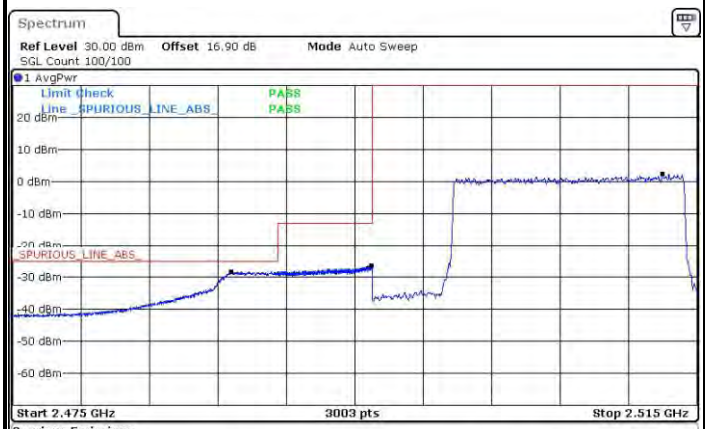


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	20.25 dBm	-9.75 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-20.20 dBm	-10.20 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57163 GHz	-32.31 dBm	-22.31 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.58243 GHz	-38.88 dBm	-25.88 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58861 GHz	-41.60 dBm	-16.60 dB

Date: 3.MAY.2015 12:18:51

Lowest Band Edge / Full RB

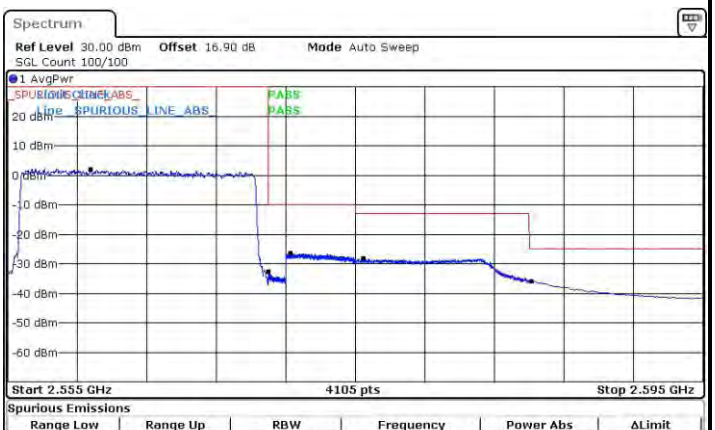


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48775 GHz	-28.26 dBm	-3.26 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-26.33 dBm	-13.33 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51298 GHz	2.47 dBm	-27.53 dB

Date: 3.MAY.2015 12:10:05

Highest Band Edge / Full RB



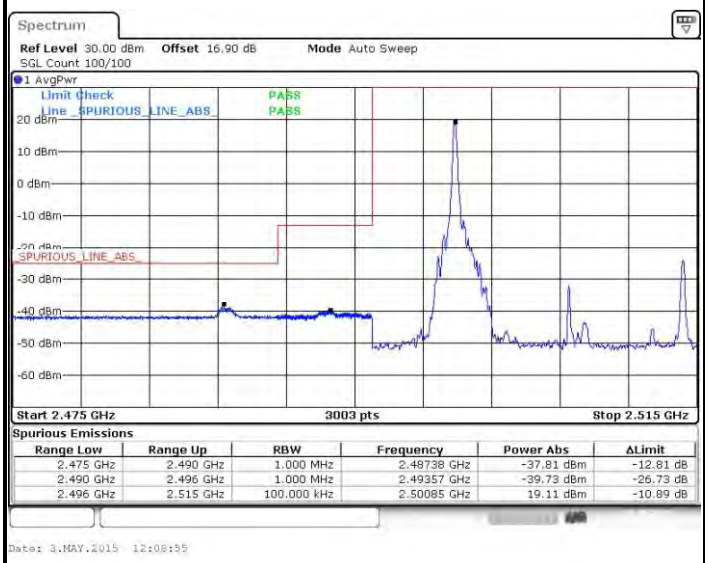
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55976 GHz	2.08 dBm	-27.92 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-32.73 dBm	-22.73 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57125 GHz	-26.40 dBm	-16.40 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57547 GHz	-28.17 dBm	-15.17 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58515 GHz	-35.91 dBm	-10.91 dB

Date: 3.MAY.2015 12:21:10

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

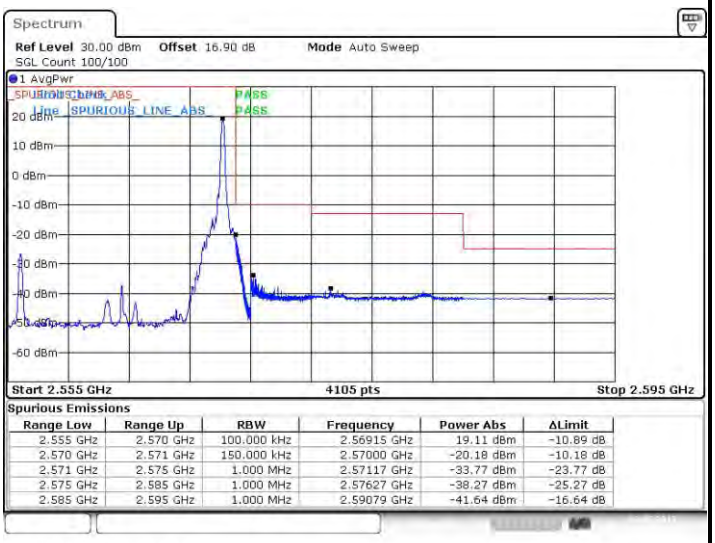


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48738 GHz	-37.81 dBm	-12.81 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49357 GHz	-39.73 dBm	-26.73 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.50085 GHz	19.11 dBm	-10.89 dB

Date: 3.MAY.2015 12:08:55

Highest Band Edge / 1 RB

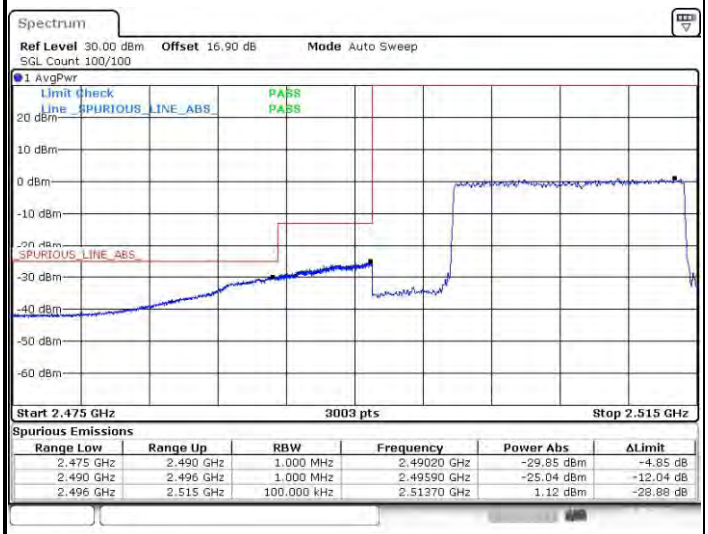


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.56915 GHz	19.11 dBm	-10.89 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57000 GHz	-20.18 dBm	-10.18 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-33.77 dBm	-23.77 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57627 GHz	-38.27 dBm	-25.27 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.59079 GHz	-41.64 dBm	-16.64 dB

Date: 3.MAY.2015 12:20:00

Lowest Band Edge / Full RB

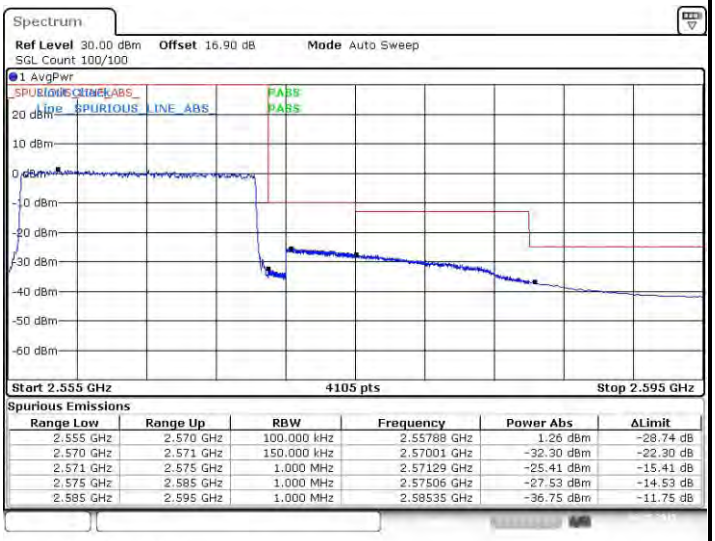


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49020 GHz	-29.85 dBm	-4.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49590 GHz	-25.04 dBm	-12.04 dB
2.496 GHz	2.515 GHz	100.000 kHz	2.51370 GHz	1.12 dBm	-28.88 dB

Date: 3.MAY.2015 12:11:15

Highest Band Edge / Full RB



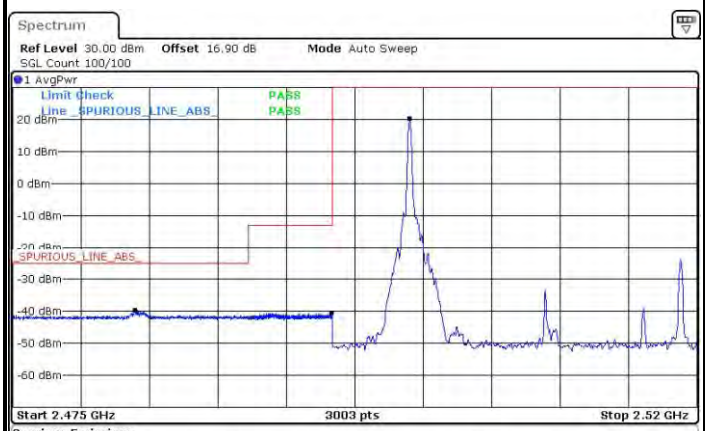
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55788 GHz	1.26 dBm	-28.74 dB
2.570 GHz	2.571 GHz	150.000 kHz	2.57001 GHz	-32.30 dBm	-22.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57129 GHz	-25.41 dBm	-15.41 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57506 GHz	-27.53 dBm	-14.53 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58535 GHz	-36.75 dBm	-11.75 dB

Date: 3.MAY.2015 12:22:20

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

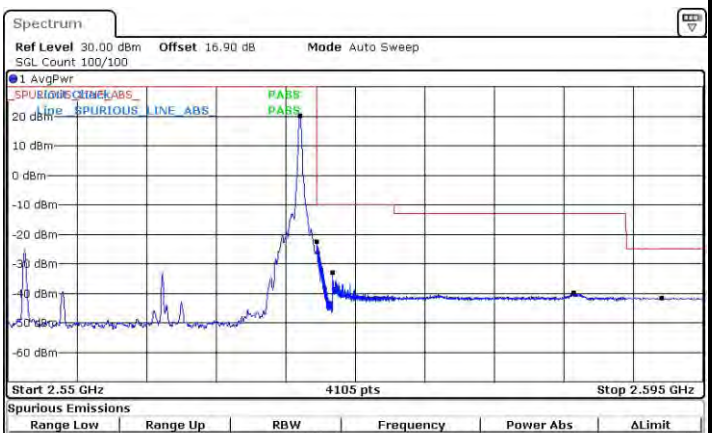


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48304 GHz	-39.64 dBm	-14.64 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-40.34 dBm	-27.34 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	20.20 dBm	-9.80 dB

Date: 3.MAY.2015 12:32:17

Highest Band Edge / 1 RB

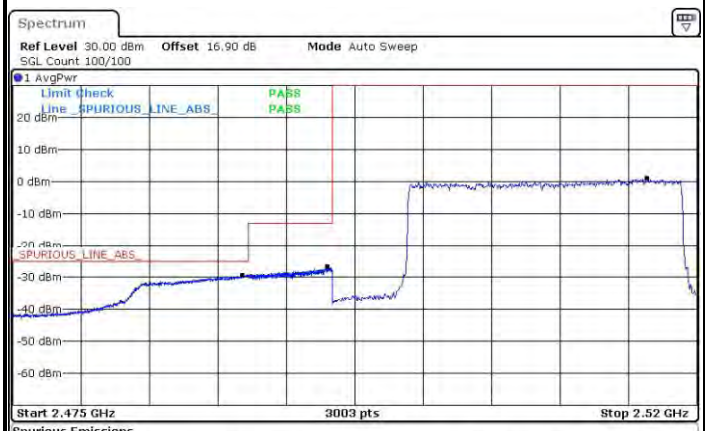


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56893 GHz	20.09 dBm	-9.91 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-22.40 dBm	-12.40 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-32.96 dBm	-22.96 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.58662 GHz	-39.91 dBm	-26.91 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59230 GHz	-41.56 dBm	-16.56 dB

Date: 3.MAY.2015 12:43:24

Lowest Band Edge / Full RB

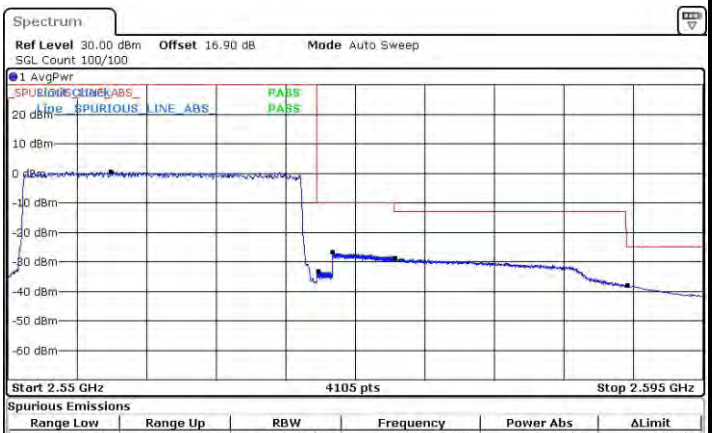


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49011 GHz	-29.23 dBm	-4.23 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49566 GHz	-26.68 dBm	-13.68 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51668 GHz	0.90 dBm	-29.10 dB

Date: 3.MAY.2015 12:34:37

Highest Band Edge / Full RB



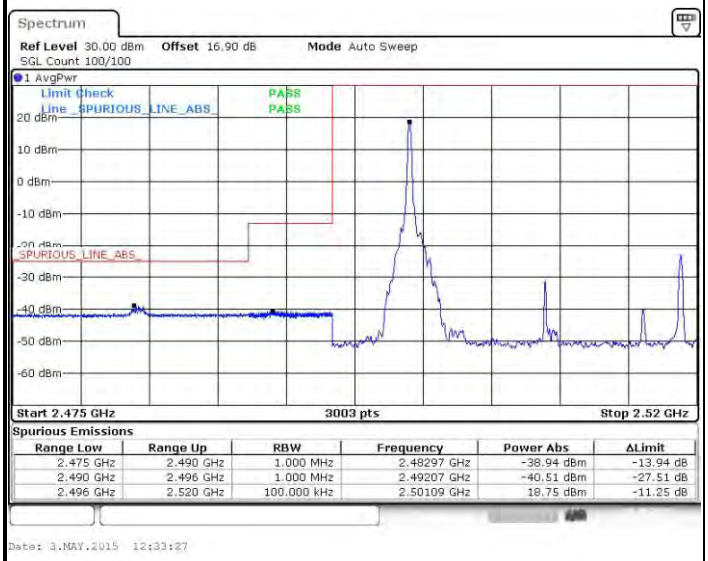
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55666 GHz	0.58 dBm	-29.42 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57009 GHz	-33.30 dBm	-23.30 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-26.78 dBm	-16.78 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57507 GHz	-28.88 dBm	-15.88 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59007 GHz	-37.99 dBm	-12.99 dB

Date: 3.MAY.2015 12:46:54

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge /1 RB

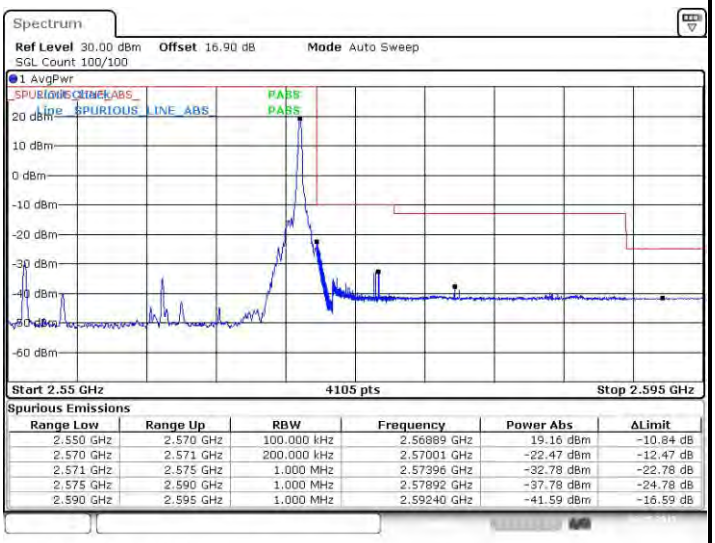


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48297 GHz	-38.94 dBm	-13.94 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49207 GHz	-40.51 dBm	-27.51 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.50109 GHz	18.75 dBm	-11.25 dB

Date: 3.MAY.2015 12:33:27

Highest Band Edge / 1RB

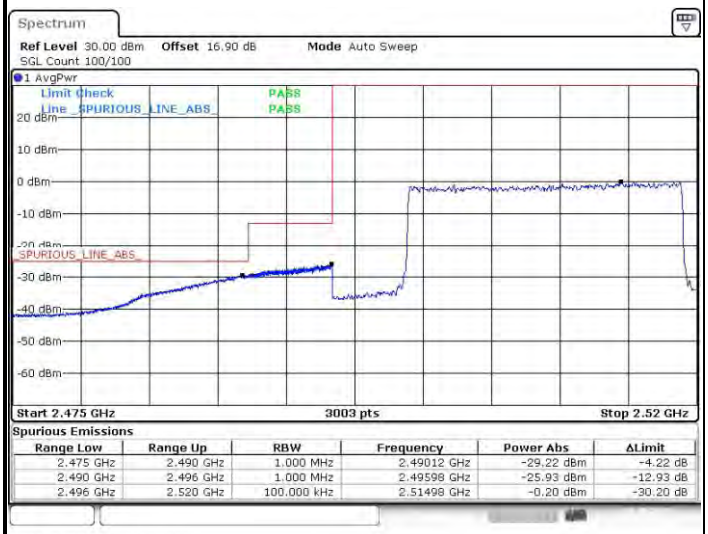


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56889 GHz	19.16 dBm	-10.84 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-22.47 dBm	-12.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57396 GHz	-32.78 dBm	-22.78 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57892 GHz	-37.78 dBm	-24.78 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59240 GHz	-41.59 dBm	-16.59 dB

Date: 3.MAY.2015 12:44:34

Lowest Band Edge / Full RB

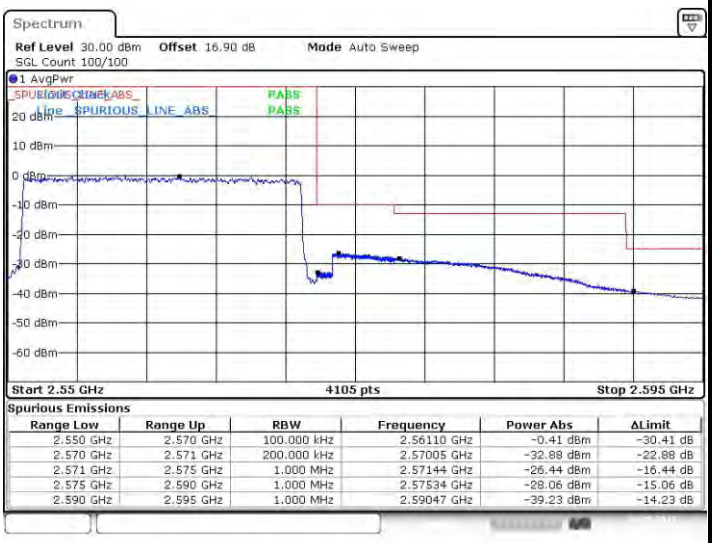


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49012 GHz	-29.22 dBm	-4.22 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-25.93 dBm	-12.93 dB
2.496 GHz	2.520 GHz	100.000 kHz	2.51498 GHz	-0.20 dBm	-30.20 dB

Date: 3.MAY.2015 12:35:47

Highest Band Edge / Full RB



Spurious Emissions

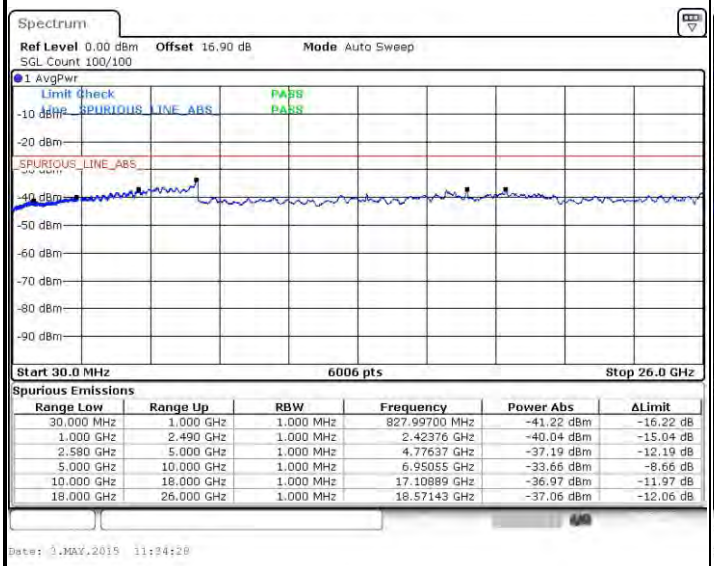
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.56110 GHz	-0.41 dBm	-30.41 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57005 GHz	-32.88 dBm	-22.88 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57144 GHz	-26.44 dBm	-16.44 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57534 GHz	-28.06 dBm	-15.06 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59047 GHz	-39.23 dBm	-14.23 dB

Date: 3.MAY.2015 12:45:44

Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

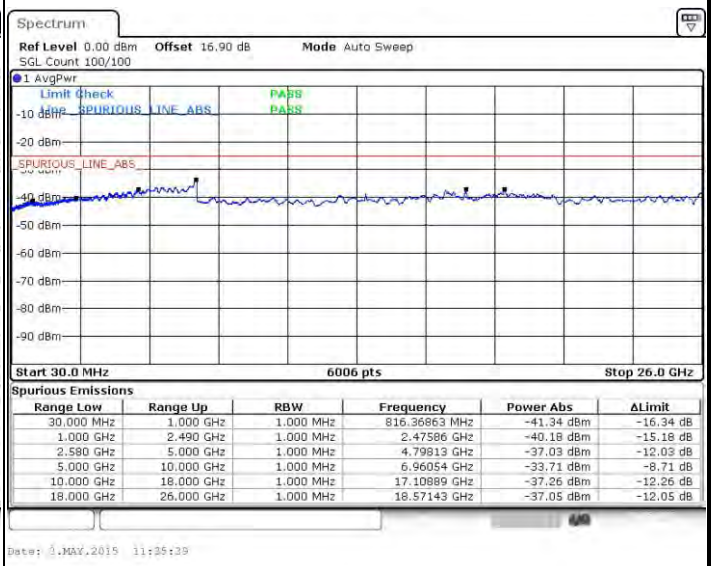


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	827.99700 MHz	-41.22 dBm	-16.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.42376 GHz	-40.04 dBm	-15.04 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77637 GHz	-37.19 dBm	-12.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.66 dBm	-8.66 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-36.97 dBm	-11.97 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.06 dBm	-12.06 dB

Date: 3.MAY.2015 11:24:28

Lowest Channel / 16QAM

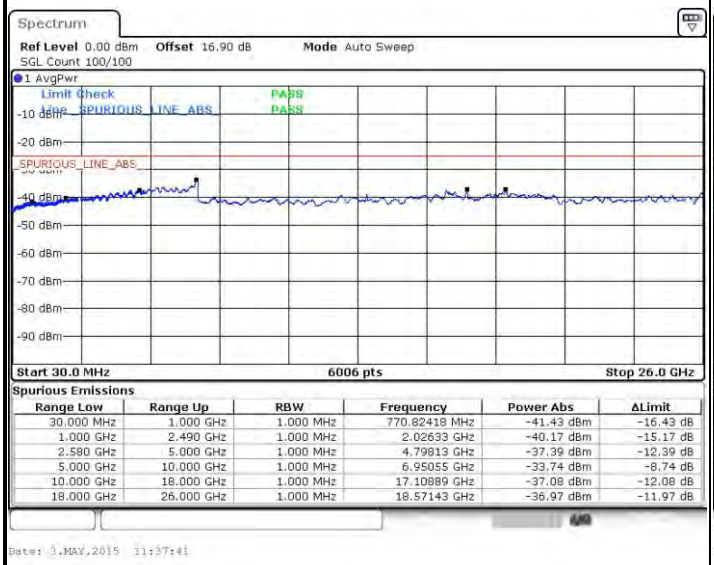


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	816.36863 MHz	-41.34 dBm	-16.34 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.47586 GHz	-40.18 dBm	-15.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-37.03 dBm	-12.03 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-33.71 dBm	-8.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.26 dBm	-12.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.05 dBm	-12.05 dB

Date: 3.MAY.2015 11:26:29

Middle Channel / QPSK

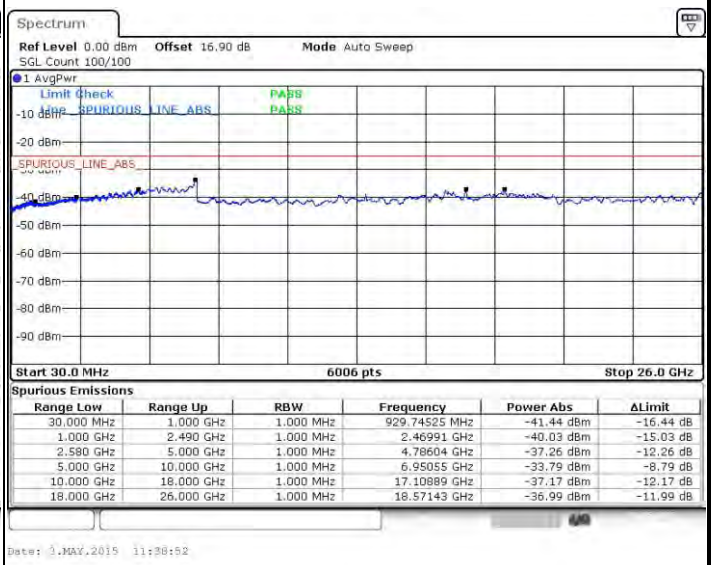


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	770.82418 MHz	-41.43 dBm	-16.43 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.02633 GHz	-40.17 dBm	-15.17 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-37.39 dBm	-12.39 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.74 dBm	-8.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.08 dBm	-12.08 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-36.97 dBm	-11.97 dB

Date: 3.MAY.2015 11:37:41

Middle Channel / 16QAM



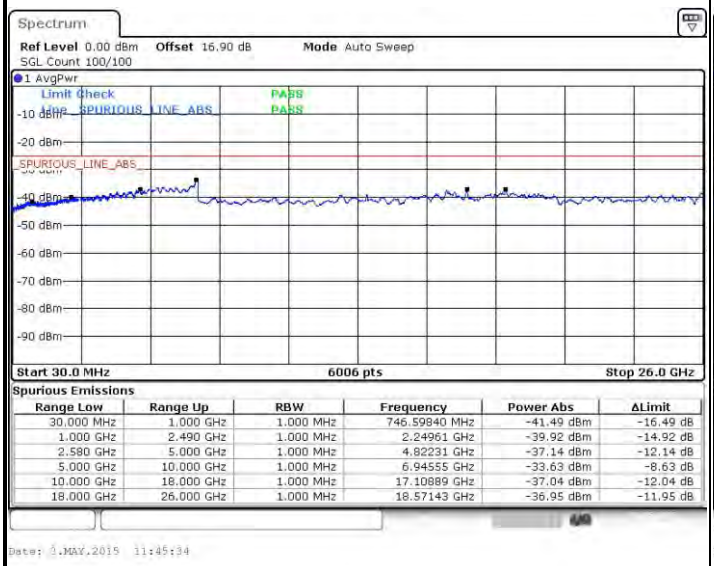
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	929.74525 MHz	-41.44 dBm	-16.44 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.46991 GHz	-40.03 dBm	-15.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78604 GHz	-37.26 dBm	-12.26 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.79 dBm	-8.79 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.17 dBm	-12.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-36.99 dBm	-11.99 dB

Date: 3.MAY.2015 11:38:52

LTE Band 7 / 5MHz

Highest Channel / QPSK

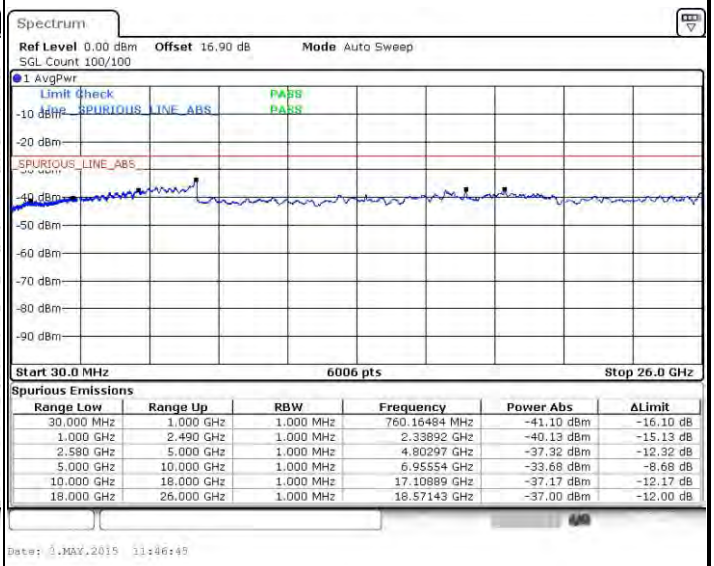


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	746.59840 MHz	-41.49 dBm	-16.49 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24961 GHz	-39.92 dBm	-14.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.82231 GHz	-37.14 dBm	-12.14 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-33.63 dBm	-8.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.04 dBm	-12.04 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-36.95 dBm	-11.95 dB

Date: 8.MAY.2015 11:45:34

Highest Channel / 16QAM



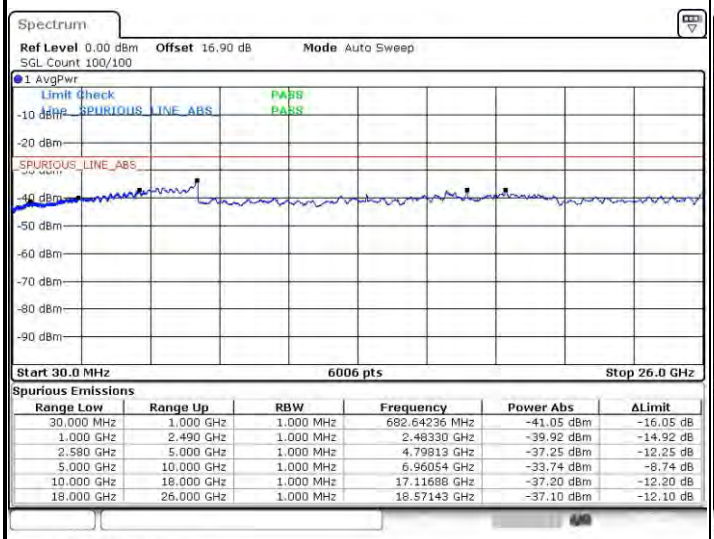
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	760.16484 MHz	-41.10 dBm	-16.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.33892 GHz	-40.13 dBm	-15.13 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80297 GHz	-37.32 dBm	-12.32 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-33.68 dBm	-8.68 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.17 dBm	-12.17 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.00 dBm	-12.00 dB

Date: 8.MAY.2015 11:46:49

LTE Band 7 / 10MHz

Lowest Channel / QPSK

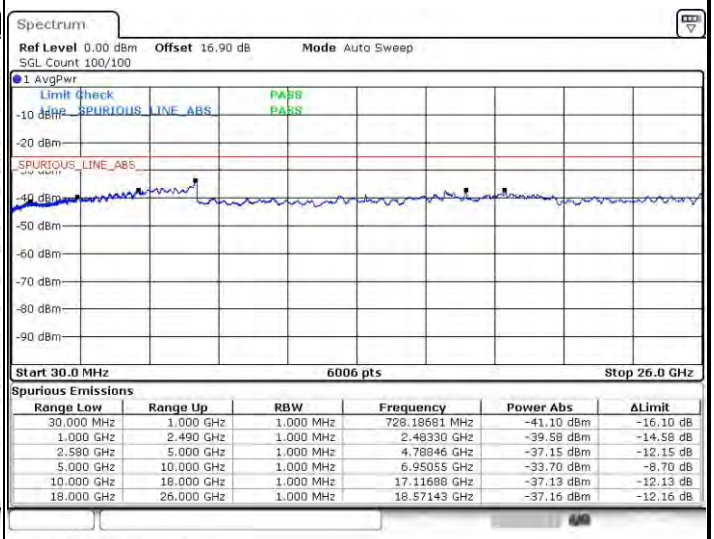


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	682.64236 MHz	-41.05 dBm	-16.05 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-39.92 dBm	-14.92 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79813 GHz	-37.25 dBm	-12.25 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-33.74 dBm	-8.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.20 dBm	-12.20 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.10 dBm	-12.10 dB

Date: 8.MAY.2015 11:53:27

Lowest Channel / 16QAM



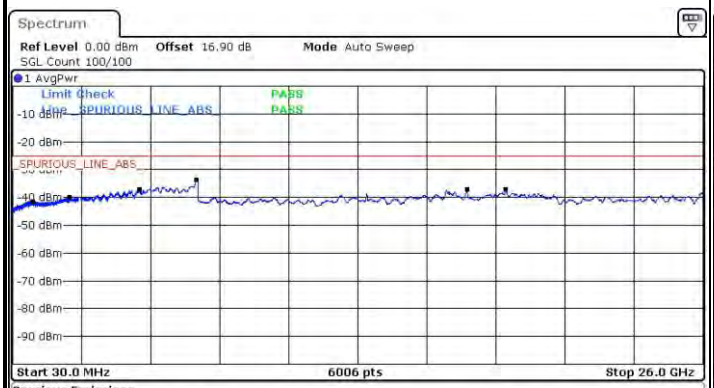
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	728.18681 MHz	-41.10 dBm	-16.10 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-39.58 dBm	-14.58 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78846 GHz	-37.15 dBm	-12.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.70 dBm	-8.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.13 dBm	-12.13 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.16 dBm	-12.16 dB

Date: 8.MAY.2015 11:54:28

LTE Band 7 / 10MHz

Middle Channel / QPSK

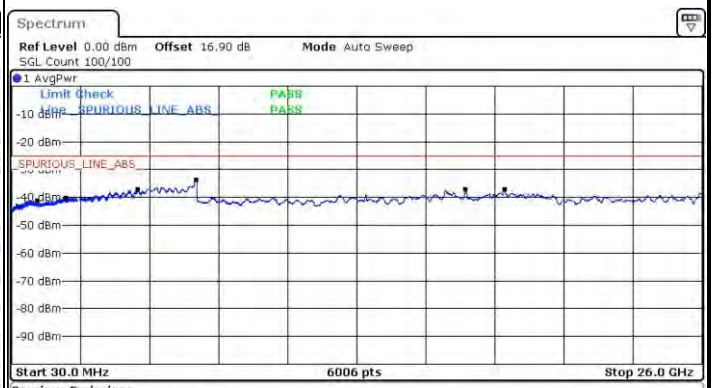


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	799.89510 MHz	-41.41 dBm	-16.41 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.16476 GHz	-39.98 dBm	-14.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78363 GHz	-37.10 dBm	-12.10 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-33.73 dBm	-8.73 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.12 dBm	-12.12 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.12 dBm	-12.12 dB

Date: 3.MAY.2015 11:56:40

Middle Channel / 16QAM

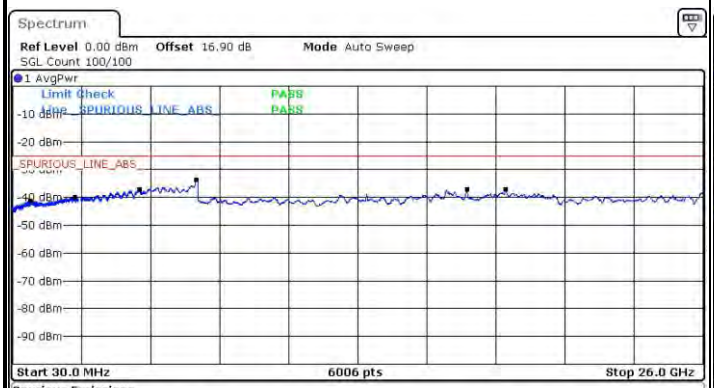


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	988.85614 MHz	-41.26 dBm	-16.26 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.05461 GHz	-40.23 dBm	-15.23 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77396 GHz	-36.98 dBm	-11.98 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95554 GHz	-33.63 dBm	-8.63 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10090 GHz	-37.26 dBm	-12.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-37.26 dBm	-12.26 dB

Date: 3.MAY.2015 11:57:51

Highest Channel / QPSK

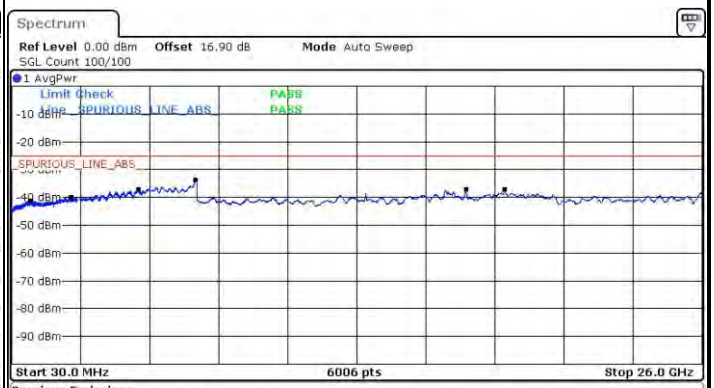


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	699.11588 MHz	-41.08 dBm	-16.08 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.35529 GHz	-40.07 dBm	-15.07 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78363 GHz	-37.22 dBm	-12.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.64 dBm	-8.64 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.00 dBm	-12.00 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.06 dBm	-12.06 dB

Date: 3.MAY.2015 12:04:30

Highest Channel / 16QAM



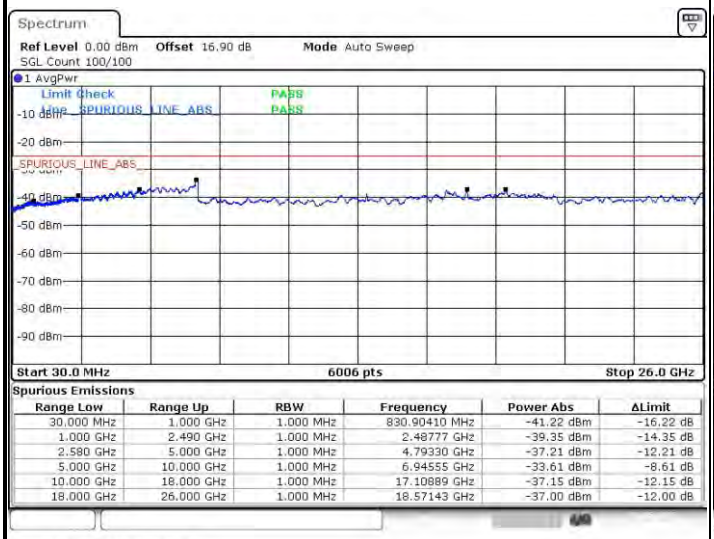
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	735.93906 MHz	-41.14 dBm	-16.14 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.26896 GHz	-39.98 dBm	-14.98 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80055 GHz	-37.03 dBm	-12.03 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-33.65 dBm	-8.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.22 dBm	-12.22 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.09 dBm	-12.09 dB

Date: 3.MAY.2015 12:05:44

LTE Band 7 / 15MHz

Lowest Channel / QPSK

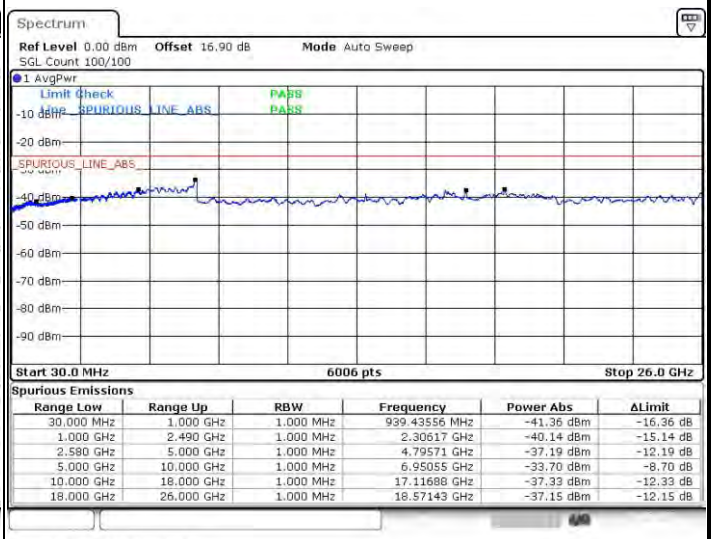


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	830.90410 MHz	-41.22 dBm	-16.22 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48777 GHz	-39.35 dBm	-14.35 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79330 GHz	-37.21 dBm	-12.21 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-33.61 dBm	-8.61 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.15 dBm	-12.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.00 dBm	-12.00 dB

Date: 3.MAY.2015 12:12:26

Lowest Channel / 16QAM

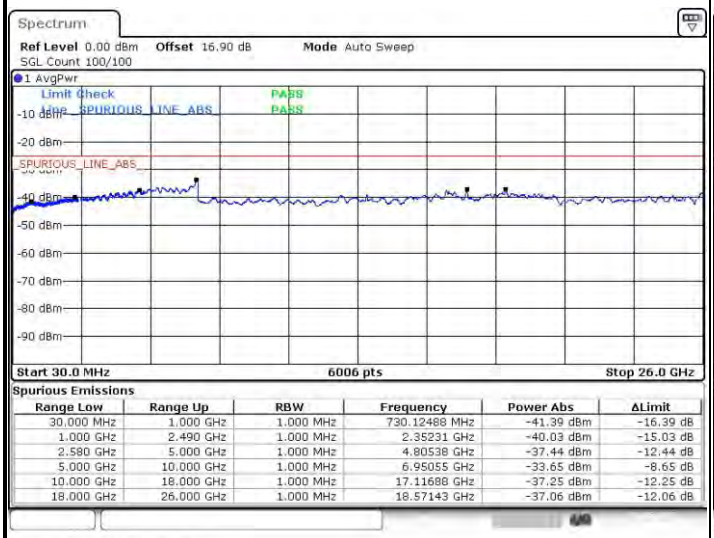


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	939.43556 MHz	-41.36 dBm	-16.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.30617 GHz	-40.14 dBm	-15.14 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.79571 GHz	-37.19 dBm	-12.19 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.70 dBm	-8.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.33 dBm	-12.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.15 dBm	-12.15 dB

Date: 3.MAY.2015 12:13:37

Middle Channel / QPSK

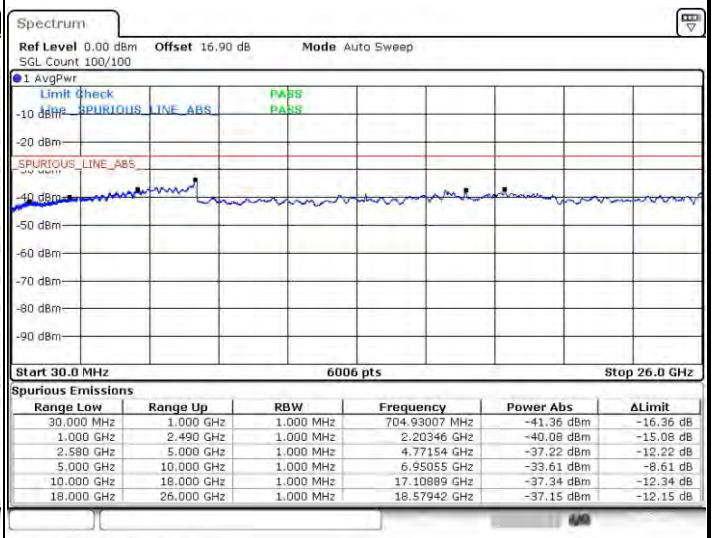


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	730.12488 MHz	-41.39 dBm	-16.39 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.35231 GHz	-40.03 dBm	-15.03 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80538 GHz	-37.44 dBm	-12.44 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.65 dBm	-8.65 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.25 dBm	-12.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.06 dBm	-12.06 dB

Date: 3.MAY.2015 12:15:39

Middle Channel / 16QAM



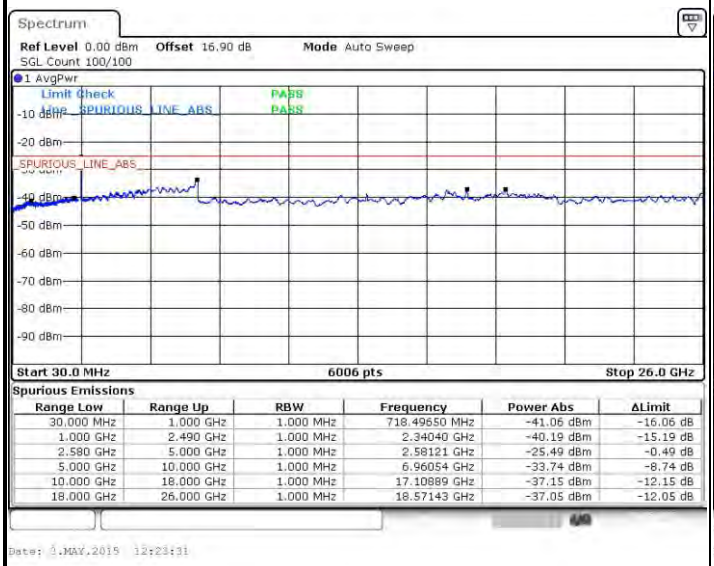
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	704.93007 MHz	-41.36 dBm	-16.36 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.20346 GHz	-40.08 dBm	-15.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.77154 GHz	-37.22 dBm	-12.22 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.61 dBm	-8.61 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.34 dBm	-12.34 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57942 GHz	-37.15 dBm	-12.15 dB

Date: 3.MAY.2015 12:16:49

LTE Band7 / 15MHz

Highest Channel / QPSK

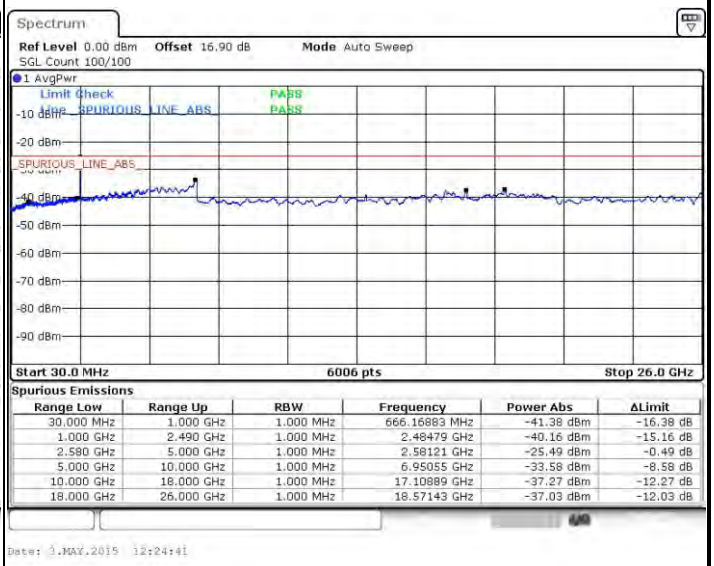


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	718.49650 MHz	-41.06 dBm	-16.06 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.34040 GHz	-40.19 dBm	-15.19 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58121 GHz	-25.49 dBm	-0.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96054 GHz	-33.74 dBm	-8.74 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.15 dBm	-12.15 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.05 dBm	-12.05 dB

Date: 8.MAY.2015 12:23:31

Highest Channel / 16QAM



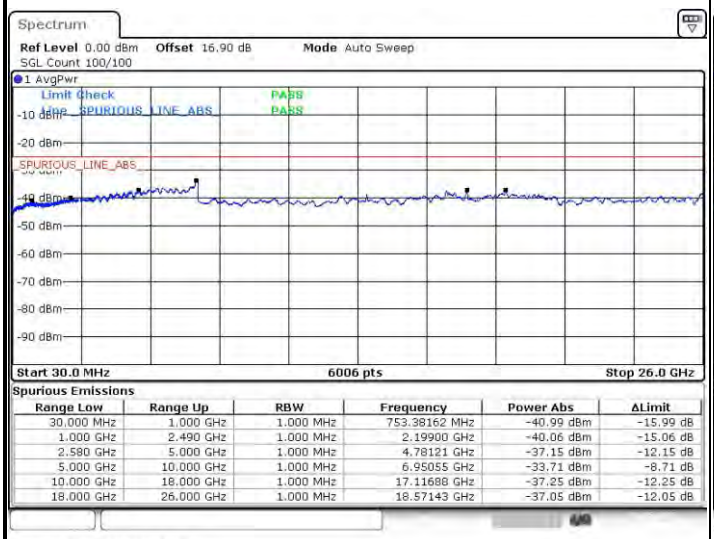
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	666.16883 MHz	-41.38 dBm	-16.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48479 GHz	-40.16 dBm	-15.16 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58121 GHz	-25.49 dBm	-0.49 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.58 dBm	-8.58 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.27 dBm	-12.27 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.03 dBm	-12.03 dB

Date: 8.MAY.2015 12:24:41

LTE Band 7 / 20MHz

Lowest Channel / QPSK

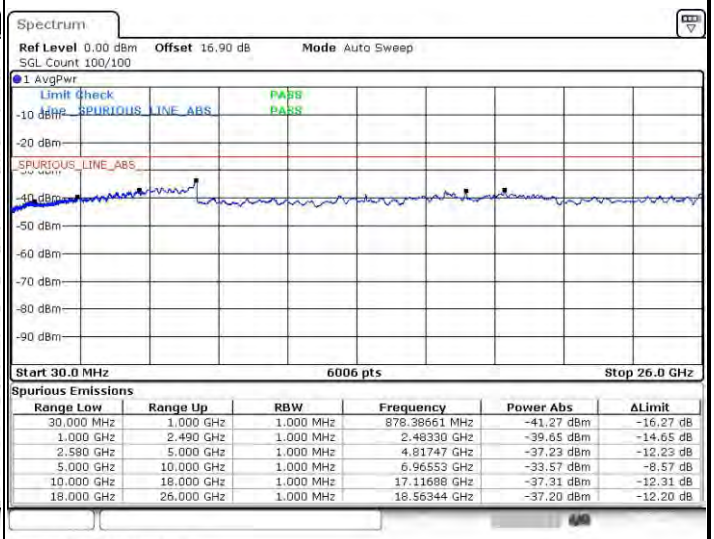


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	753.38162 MHz	-40.99 dBm	-15.99 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.19900 GHz	-40.06 dBm	-15.06 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.78121 GHz	-37.15 dBm	-12.15 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.71 dBm	-8.71 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.25 dBm	-12.25 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.05 dBm	-12.05 dB

Date: 8.MAY.2015 12:36:58

Lowest Channel / 16QAM



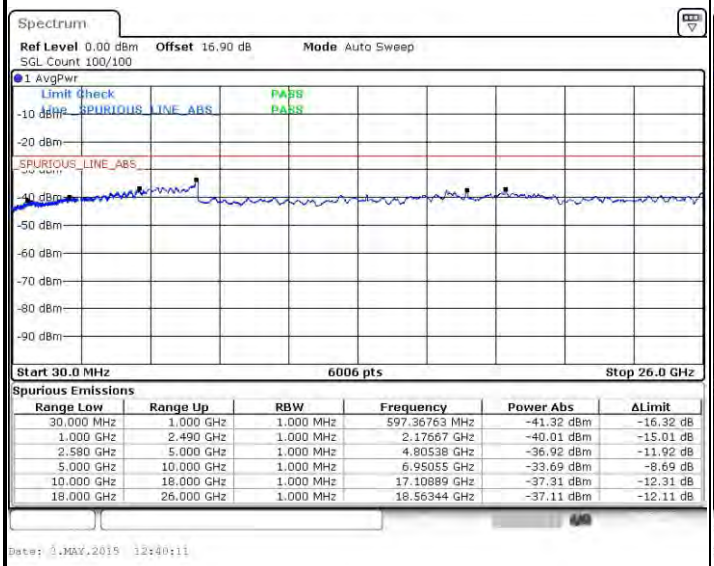
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	878.38661 MHz	-41.27 dBm	-16.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.48330 GHz	-39.65 dBm	-14.65 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.81747 GHz	-37.23 dBm	-12.23 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96553 GHz	-33.57 dBm	-8.57 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.11688 GHz	-37.31 dBm	-12.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-37.20 dBm	-12.20 dB

Date: 8.MAY.2015 12:38:09

LTE Band 7 / 20MHz

Middle Channel / QPSK

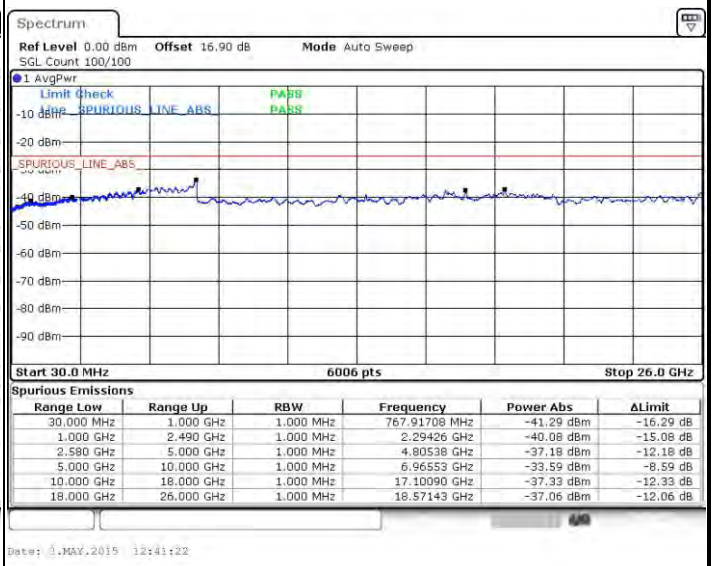


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	597.36763 MHz	-41.32 dBm	-16.32 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.17667 GHz	-40.01 dBm	-15.01 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80538 GHz	-36.92 dBm	-11.92 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.95055 GHz	-33.69 dBm	-8.69 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.31 dBm	-12.31 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.56344 GHz	-37.11 dBm	-12.11 dB

Date: 3.MAY.2015 12:40:11

Middle Channel / 16QAM

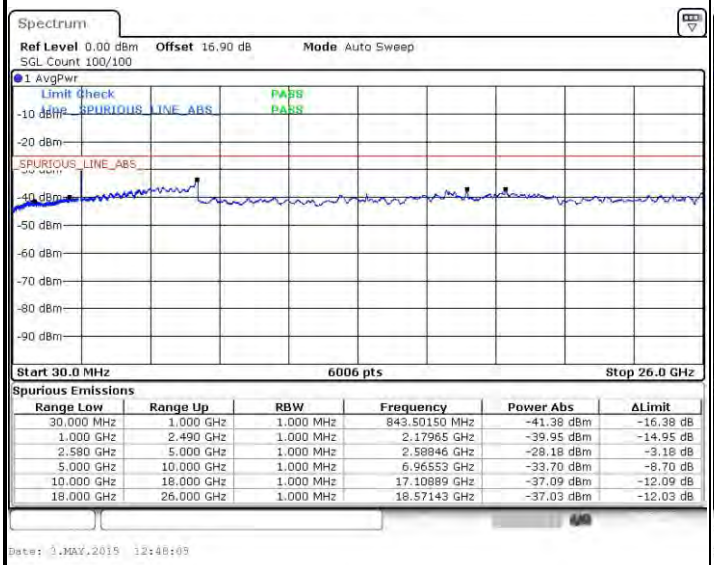


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	767.91708 MHz	-41.29 dBm	-16.29 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.29426 GHz	-40.08 dBm	-15.08 dB
2.580 GHz	5.000 GHz	1.000 MHz	4.80538 GHz	-37.18 dBm	-12.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96553 GHz	-33.59 dBm	-8.59 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10090 GHz	-37.33 dBm	-12.33 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.06 dBm	-12.06 dB

Date: 3.MAY.2015 12:41:22

Highest Channel / QPSK

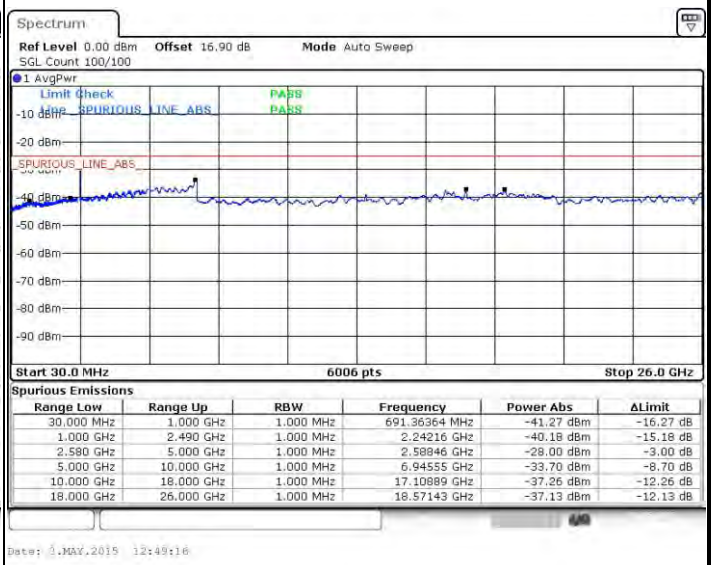


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	843.50150 MHz	-41.38 dBm	-16.38 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.17965 GHz	-39.95 dBm	-14.95 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58846 GHz	-28.18 dBm	-3.18 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.96553 GHz	-33.70 dBm	-8.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.09 dBm	-12.09 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.03 dBm	-12.03 dB

Date: 3.MAY.2015 12:48:09

Highest Channel / 16QAM



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	691.36364 MHz	-41.27 dBm	-16.27 dB
1.000 GHz	2.490 GHz	1.000 MHz	2.24216 GHz	-40.18 dBm	-15.18 dB
2.580 GHz	5.000 GHz	1.000 MHz	2.58846 GHz	-28.00 dBm	-3.00 dB
5.000 GHz	10.000 GHz	1.000 MHz	6.94555 GHz	-33.70 dBm	-8.70 dB
10.000 GHz	18.000 GHz	1.000 MHz	17.10889 GHz	-37.26 dBm	-12.26 dB
18.000 GHz	26.000 GHz	1.000 MHz	18.57143 GHz	-37.13 dBm	-12.13 dB

Date: 3.MAY.2015 12:49:16

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0054	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0051	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0058	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.7V. ；Battery End Point (BEP) = 3.5 V.；Maximum Voltage =4.1 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 5 / 1.4MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.35	0.0543	8.73	0.0075
Middle		1	0	17.31	0.0538	9.33	0.0086
Highest		1	0	17.18	0.0522	9.84	0.0096
Lowest	16QAM	1	0	16.32	0.0429	7.75	0.0060
Middle		1	0	16.32	0.0429	8.34	0.0068
Highest		1	0	16.15	0.0412	8.87	0.0077
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.09	0.0512	8.51	0.0071
Middle		1	0	17.07	0.0509	8.95	0.0079
Highest		1	0	16.98	0.0499	9.51	0.0089
Lowest	16QAM	1	0	16.45	0.0442	8.10	0.0065
Middle		1	0	16.35	0.0432	8.72	0.0074
Highest		1	0	16.03	0.0401	9.15	0.0082
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.10	0.0513	8.51	0.0071
Middle		1	0	17.11	0.0514	8.95	0.0079
Highest		1	0	17.08	0.0511	9.45	0.0088
Lowest	16QAM	1	0	16.36	0.0433	7.99	0.0063
Middle		1	0	16.47	0.0444	8.68	0.0074
Highest		1	0	16.17	0.0414	9.03	0.0080
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	17.11	0.0514	8.51	0.0071
Middle		1	0	17.15	0.0519	8.93	0.0078
Highest		1	0	16.94	0.0494	9.13	0.0082
Lowest	16QAM	1	0	16.43	0.0440	8.65	0.0073
Middle		1	0	16.04	0.0402	8.77	0.0075
Highest		1	0	15.83	0.0383	8.94	0.0078
Limit	ERP < 7W			Result		PASS	

LTE Band 7 / 5MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.50	0.1413	20.40	0.1096
Middle		1	0	20.56	0.1138	20.00	0.1000
Highest		1	0	19.08	0.0809	19.21	0.0834
Lowest	16QAM	1	0	20.49	0.1119	19.35	0.0861
Middle		1	0	19.49	0.0889	19.03	0.0800
Highest		1	0	18.11	0.0647	18.30	0.0676
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.61	0.1449	20.43	0.1104
Middle		1	0	20.64	0.1159	20.13	0.1030
Highest		1	0	19.67	0.0927	19.60	0.0912
Lowest	16QAM	1	0	20.40	0.1096	19.29	0.0849
Middle		1	0	19.51	0.0893	19.02	0.0798
Highest		1	0	18.22	0.0664	18.39	0.0690
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.71	0.1483	20.64	0.1159
Middle		1	0	20.74	0.1186	20.12	0.1028
Highest		1	0	19.89	0.0975	19.86	0.0968
Lowest	16QAM	1	0	20.44	0.1107	19.86	0.0968
Middle		1	0	19.58	0.0908	19.42	0.0875
Highest		1	0	18.46	0.0701	18.92	0.0780
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	21.74	0.1493	20.66	0.1164
Middle		1	0	20.73	0.1183	20.2	0.1047
Highest		1	0	19.94	0.0986	19.8	0.0955
Lowest	16QAM	1	0	20.50	0.1122	19.52	0.0895
Middle		1	0	20.11	0.1026	19.48	0.0887
Highest		1	0	18.82	0.0762	18.66	0.0735
Limit	EIRP < 2W			Result		PASS	

Appendix C. Test Results of Radiated Test

LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-53.67	-13	-40.67	-63.22	-55.43	0.98	4.89	H
	2472	-57.50	-13	-44.50	-71.61	-59.38	1.28	5.32	H
	3296	-59.48	-13	-46.48	-76.06	-62.89	1.54	7.10	H
	1648	-56.78	-13	-43.78	-64.5	-58.54	0.98	4.89	V
	2472	-56.74	-13	-43.74	-71.89	-58.62	1.28	5.32	V
	3296	-60.47	-13	-47.47	-75.84	-63.88	1.54	7.10	V
Middle	1672	-51.54	-13	-38.54	-60.94	-53.22	0.99	4.82	H
	2512	-53.49	-13	-40.49	-66.76	-55.46	1.29	5.41	H
	3344	-59.41	-13	-46.41	-75.65	-63.02	1.56	7.31	H
	1672	-53.32	-13	-40.32	-60.49	-55	0.99	4.82	V
	2512	-51.19	-13	-38.19	-66.55	-53.16	1.29	5.41	V
	3344	-60.57	-13	-47.57	-75.74	-64.18	1.56	7.31	V
Highest	1696	-56.40	-13	-43.40	-65.81	-58	1.00	4.75	H
	2544	-53.04	-13	-40.04	-66.74	-55.02	1.30	5.44	H
	3392	-59.69	-13	-46.69	-76.11	-63.49	1.57	7.52	H
	1696	-56.74	-13	-43.74	-64.48	-58.34	1.00	4.75	V
	2544	-51.60	-13	-38.60	-66.97	-53.58	1.30	5.44	V
	3392	-60.23	-13	-47.23	-76.02	-64.03	1.57	7.52	V

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

LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1651	-56.39	-13	-43.39	-65.98	-58.14	0.98	4.88	H
	2476	-57.80	-13	-44.80	-71.05	-59.69	1.28	5.33	H
	3301	-60.45	-13	-47.45	-76.93	-63.88	1.54	7.12	H
	1651	-61.14	-13	-48.14	-68.78	-62.89	0.98	4.88	V
	2476	-55.52	-13	-42.52	-70.81	-57.41	1.28	5.33	V
	3301	-61.57	-13	-48.57	-77.03	-65	1.54	7.12	V
Middle	1672	-57.50	-13	-44.50	-66.85	-59.18	0.99	4.82	H
	2509	-52.16	-13	-39.16	-65.42	-54.12	1.29	5.41	H
	3343	-60.41	-13	-47.41	-76.65	-64.01	1.56	7.31	H
	1675	-58.56	-13	-45.56	-65.71	-60.23	0.99	4.81	V
	2509	-51.82	-13	-38.82	-67.22	-53.78	1.29	5.41	V
	3343	-61.48	-13	-48.48	-76.72	-65.08	1.56	7.31	V
Highest	1696	-55.04	-13	-42.04	-64.54	-56.64	1.00	4.75	H
	2536	-49.76	-13	-36.76	-63.26	-51.74	1.30	5.43	H
	3392	-59.77	-13	-46.77	-76.21	-63.57	1.57	7.52	H
	1696	-58.16	-13	-45.16	-65.87	-59.76	1.00	4.75	V
	2536	-46.88	-13	-33.88	-62.25	-48.86	1.30	5.43	V
	3392	-60.27	-13	-47.27	-76.14	-64.07	1.57	7.52	V

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

LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1651	-55.12	-13	-42.12	-64.75	-56.87	0.98	4.88	H
	2476	-46.88	-13	-33.88	-59.94	-48.77	1.28	5.33	H
	3301	-59.77	-13	-46.77	-76.28	-63.2	1.54	7.12	H
	1651	-57.79	-13	-44.79	-65.36	-59.54	0.98	4.88	V
	2476	-45.87	-13	-32.87	-61.2	-47.76	1.28	5.33	V
	3301	-61.14	-13	-48.14	-76.49	-64.57	1.54	7.12	V
Middle	1672	-50.36	-13	-37.36	-59.62	-52.04	0.99	4.82	H
	2504	-52.25	-13	-39.25	-65.7	-54.21	1.29	5.40	H
	3340	-59.62	-13	-46.62	-75.64	-63.21	1.55	7.30	H
	1672	-49.74	-13	-36.74	-56.95	-51.42	0.99	4.82	V
	2504	-47.41	-13	-34.41	-62.69	-49.37	1.29	5.40	V
	3340	-60.16	-13	-47.16	-75.26	-63.75	1.55	7.30	V
Highest	1693	-57.02	-13	-44.02	-66.63	-58.63	1.00	4.76	H
	2536	-45.13	-13	-32.13	-58.63	-47.11	1.30	5.43	H
	3385	-59.97	-13	-46.97	-76.35	-63.75	1.57	7.49	H
	1693	-61.50	-13	-48.50	-69.34	-63.11	1.00	4.76	V
	2536	-42.81	-13	-29.81	-58.25	-44.79	1.30	5.43	V
	3385	-60.73	-13	-47.73	-76.37	-64.51	1.57	7.49	V

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

LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-55.06	-13	-42.06	-64.63	-56.82	0.98	4.89	H
	2472	-54.39	-13	-41.39	-67.81	-56.27	1.28	5.32	H
	3296	-59.34	-13	-46.34	-75.58	-62.75	1.54	7.10	H
	1648	-56.85	-13	-43.85	-64.59	-58.61	0.98	4.89	V
	2472	-50.60	-13	-37.60	-66	-52.48	1.28	5.32	V
	3296	-60.11	-13	-47.11	-75.8	-63.52	1.54	7.10	V
Middle	1664	-46.50	-13	-33.50	-56.09	-48.21	0.98	4.84	H
	2496	-51.66	-13	-38.66	-64.85	-53.61	1.29	5.39	H
	3328	-58.28	-13	-45.28	-75.24	-61.82	1.55	7.24	H
	1664	-48.57	-13	-35.57	-55.63	-50.28	0.98	4.84	V
	2496	-46.67	-13	-33.67	-61.87	-48.62	1.29	5.39	V
	3328	-60.54	-13	-47.54	-75.34	-64.08	1.55	7.24	V
Highest	1680	-52.45	-13	-39.45	-61.69	-54.1	0.99	4.80	H
	2520	-50.12	-13	-37.12	-63.53	-52.09	1.30	5.42	H
	3360	-58.71	-13	-45.71	-75.24	-62.38	1.56	7.38	H
	1680	-56.62	-13	-43.62	-63.57	-58.27	0.99	4.80	V
	2520	-46.31	-13	-33.31	-61.73	-48.28	1.30	5.42	V
	3360	-60.14	-13	-47.14	-75.84	-63.81	1.56	7.38	V

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

LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-48.67	-25	-23.67	-71.53	-56.03	2.34	9.70	H
	7500	-44.36	-25	-19.36	-73.03	-53.73	2.43	11.80	H
	10000	-34.97	-25	-9.97	-66.56	-44.47	2.70	12.20	H
	5000	-50.96	-25	-25.96	-72.26	-58.32	2.34	9.70	V
	7500	-45.63	-25	-20.63	-74	-55	2.43	11.80	V
	10000	-39.56	-25	-14.56	-69.44	-49.06	2.70	12.20	V
Middle	5064	-48.54	-25	-23.54	-71.24	-55.87	2.37	9.70	H
	7600	-44.17	-25	-19.17	-72.49	-53.63	2.40	11.86	H
	10132	-35.20	-25	-10.20	-66.77	-44.76	2.70	12.25	H
	5064	-49.76	-25	-24.76	-71.35	-57.09	2.37	9.70	V
	7600	-43.11	-25	-18.11	-71.11	-52.57	2.40	11.86	V
	10132	-40.59	-25	-15.59	-70.78	-50.15	2.70	12.25	V
Highest	5132	-46.34	-25	-21.34	-69.16	-53.63	2.41	9.70	H
	7696	-42.03	-25	-17.03	-70.6	-51.58	2.37	11.92	H
	10260	-34.80	-25	-9.80	-66.47	-44.41	2.69	12.30	H
	5132	-47.84	-25	-22.84	-69.81	-55.13	2.41	9.70	V
	7696	-41.13	-25	-16.13	-69.08	-50.68	2.37	11.92	V
	10260	-38.40	-25	-13.40	-68.91	-48.01	2.69	12.30	V

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

LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-49.28	-25	-24.28	-72.09	-56.64	2.34	9.70	H
	7504	-44.63	-25	-19.63	-73.28	-54	2.43	11.80	H
	10004	-34.36	-25	-9.36	-65.92	-43.86	2.70	12.20	H
	5000	-51.38	-25	-26.38	-73.81	-58.74	2.34	9.70	V
	7504	-44.09	-25	-19.09	-72.48	-53.46	2.43	11.80	V
	10004	-34.78	-25	-9.78	-64.7	-44.28	2.70	12.20	V
Middle	5060	-47.56	-25	-22.56	-70.39	-54.89	2.37	9.70	H
	7596	-46.41	-25	-21.41	-74.8	-55.87	2.40	11.86	H
	10124	-36.49	-25	-11.49	-68.1	-46.04	2.70	12.25	H
	5060	-49.78	-25	-24.78	-71.51	-57.11	2.37	9.70	V
	7592	-45.56	-25	-20.56	-73.5	-55.02	2.40	11.86	V
	10124	-37.65	-25	-12.65	-67.86	-47.2	2.70	12.25	V
Highest	5120	-47.15	-25	-22.15	-69.95	-54.44	2.41	9.70	H
	7680	-41.49	-25	-16.49	-69.86	-51.03	2.37	11.91	H
	10244	-34.36	-25	-9.36	-65.95	-43.96	2.69	12.30	H
	5120	-47.56	-25	-22.56	-69.38	-54.85	2.41	9.70	V
	7680	-43.00	-25	-18.00	-70.95	-52.54	2.37	11.91	V
	10244	-36.70	-25	-11.70	-67.2	-46.3	2.69	12.30	V

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

LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-48.97	-25	-23.97	-71.79	-56.33	2.34	9.70	H
	7504	-44.39	-25	-19.39	-73.08	-53.76	2.43	11.80	H
	10004	-36.12	-25	-11.12	-67.71	-45.62	2.70	12.20	H
	5000	-50.65	-25	-25.65	-71.98	-58.01	2.34	9.70	V
	7504	-45.75	-25	-20.75	-73.99	-55.12	2.43	11.80	V
	10004	-39.36	-25	-14.36	-69.33	-48.86	2.70	12.20	V
Middle	5056	-47.42	-25	-22.42	-70.17	-54.75	2.37	9.70	H
	7584	-43.79	-25	-18.79	-72.23	-53.24	2.40	11.85	H
	10112	-34.93	-25	-9.93	-66.6	-44.48	2.70	12.24	H
	5056	-49.31	-25	-24.31	-70.76	-56.64	2.37	9.70	V
	7584	-43.42	-25	-18.42	-71.4	-52.87	2.40	11.85	V
	10112	-38.37	-25	-13.37	-68.54	-47.92	2.70	12.24	V
Highest	5112	-47.08	-25	-22.08	-69.87	-54.38	2.40	9.70	H
	7668	-40.94	-25	-15.94	-69.41	-50.47	2.38	11.90	H
	10224	-33.71	-25	-8.71	-65.36	-43.3	2.69	12.29	H
	5112	-45.78	-25	-20.78	-67.63	-53.08	2.40	9.70	V
	7668	-41.21	-25	-16.21	-69.06	-50.74	2.38	11.90	V
	10224	-37.82	-25	-12.82	-68.28	-47.41	2.69	12.29	V

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

LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-48.67	-25	-23.67	-71.52	-56.03	2.34	9.70	H
	7504	-45.49	-25	-20.49	-74.06	-54.86	2.43	11.80	H
	10004	-35.55	-25	-10.55	-67.14	-45.05	2.70	12.20	H
	5004	-50.45	-25	-25.45	-71.95	-57.81	2.34	9.70	V
	7504	-45.37	-25	-20.37	-73.7	-54.74	2.43	11.80	V
	10004	-38.34	-25	-13.34	-68.26	-47.84	2.70	12.20	V
Middle	5052	-46.92	-25	-21.92	-69.78	-54.25	2.37	9.70	H
	7580	-43.56	-25	-18.56	-72	-53	2.40	11.85	H
	10104	-34.57	-25	-9.57	-66.23	-44.12	2.70	12.24	H
	5052	-48.87	-25	-23.87	-70.43	-56.2	2.37	9.70	V
	7580	-43.72	-25	-18.72	-71.91	-53.16	2.40	11.85	V
	10104	-38.77	-25	-13.77	-68.9	-48.32	2.70	12.24	V
Highest	5104	-46.09	-25	-21.09	-68.88	-53.39	2.40	9.70	H
	7652	-42.53	-25	-17.53	-70.94	-52.04	2.38	11.89	H
	10204	-36.29	-25	-11.29	-67.84	-45.88	2.70	12.28	H
	5104	-44.73	-25	-19.73	-66.5	-52.03	2.40	9.70	V
	7652	-40.98	-25	-15.98	-68.85	-50.49	2.38	11.89	V
	10204	-39.40	-25	-14.40	-69.74	-48.99	2.70	12.28	V

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