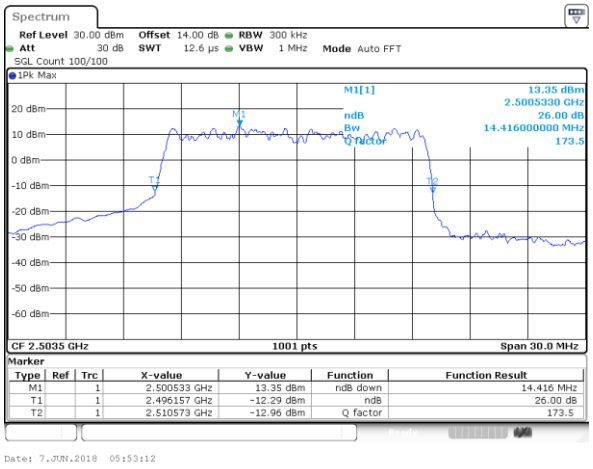
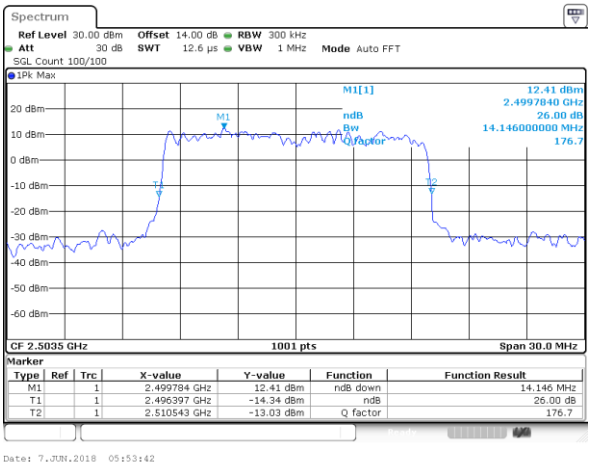
LTE Band 41

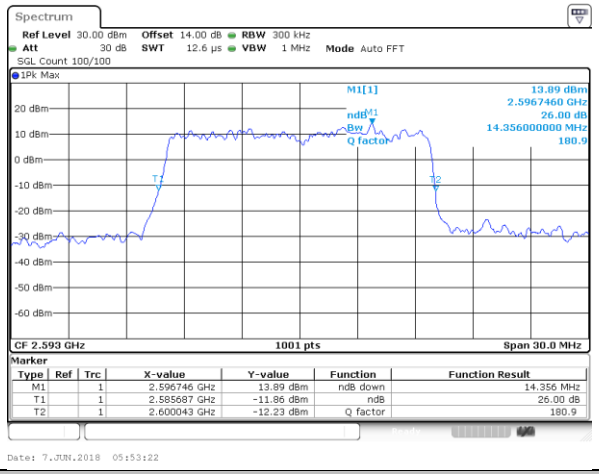
Lowest Channel / 15MHz / QPSK



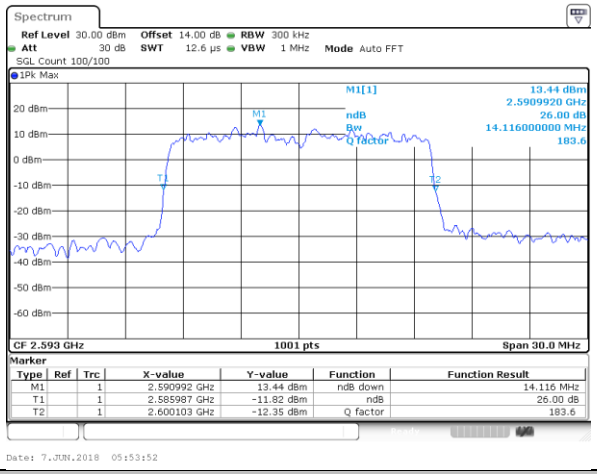
Lowest Channel / 15MHz / 16QAM



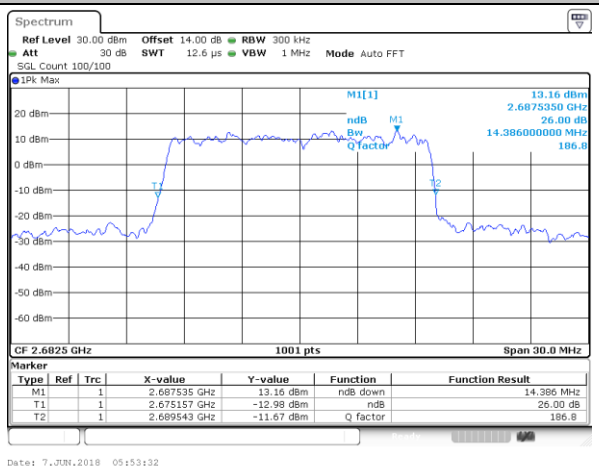
Middle Channel / 15MHz / QPSK



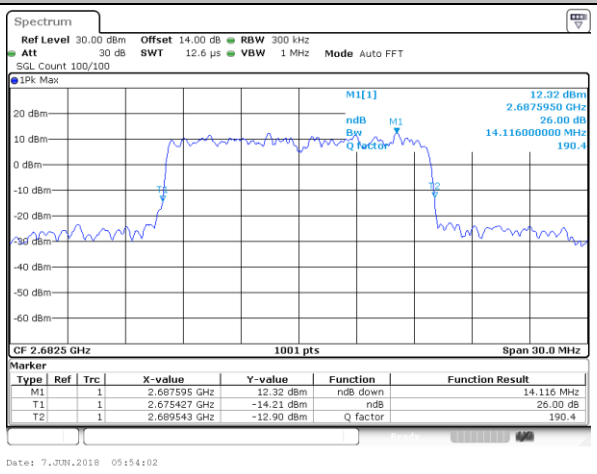
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

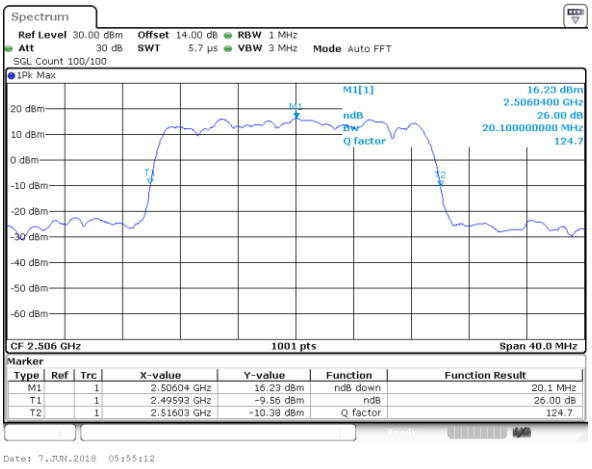


Highest Channel / 15MHz / 16QAM

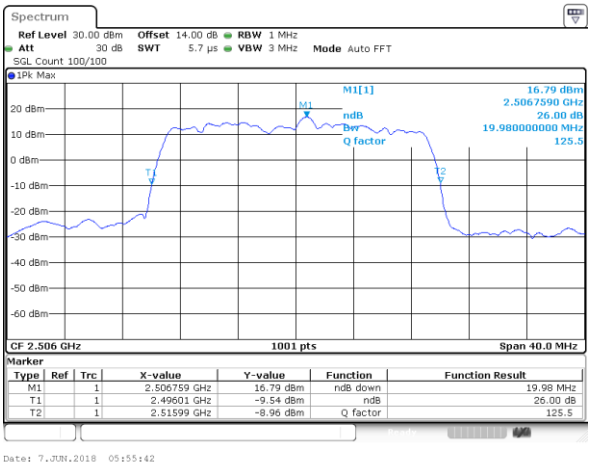


LTE Band 41

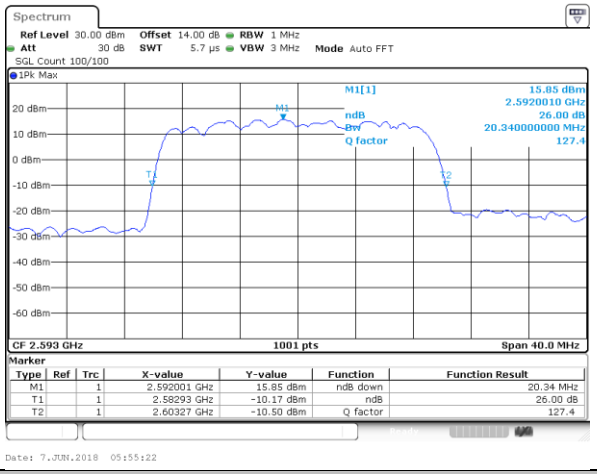
Lowest Channel / 20MHz / QPSK



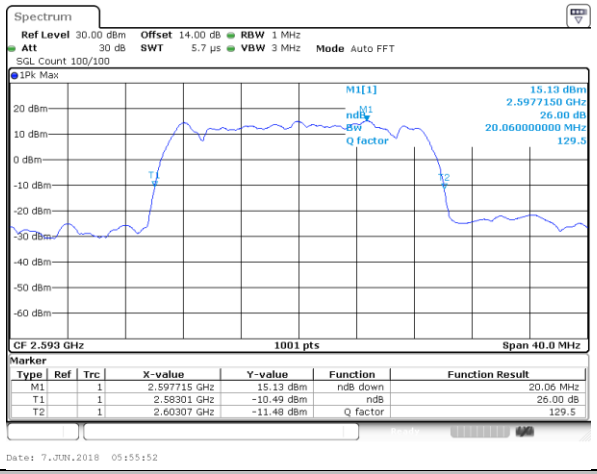
Lowest Channel / 20MHz / 16QAM



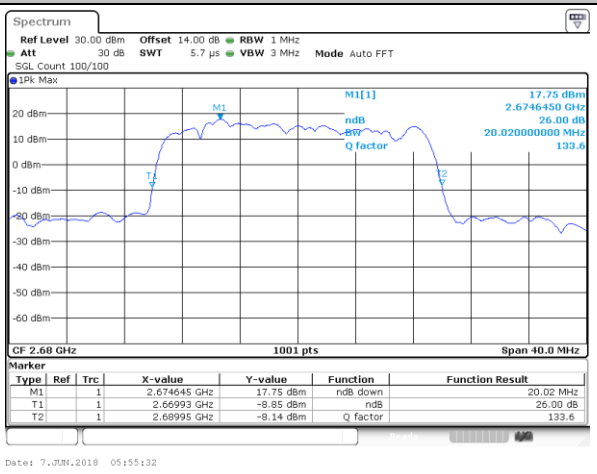
Middle Channel / 20MHz / QPSK



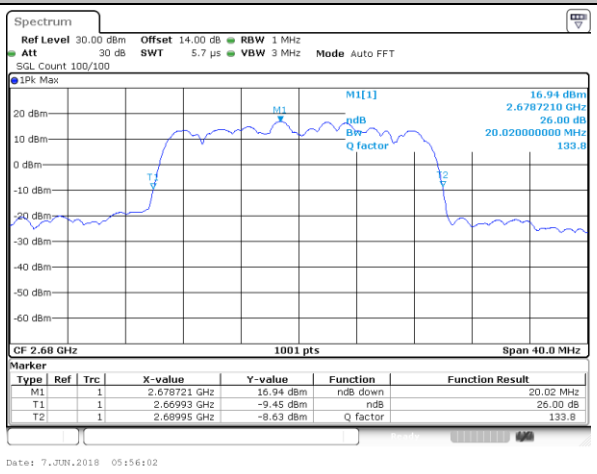
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



Occupied Bandwidth

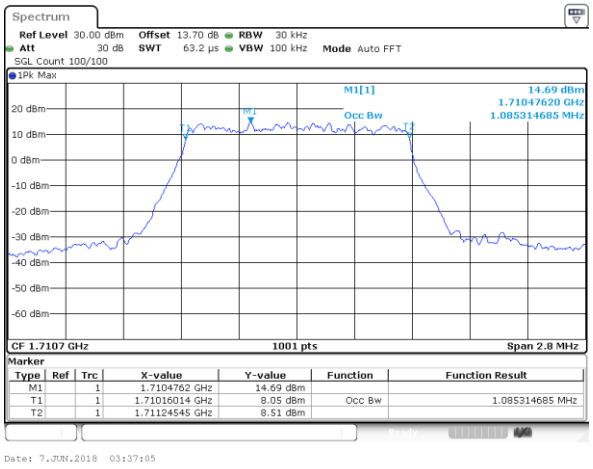
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.74	2.71	4.5	4.48	9.03	8.99	13.46	13.37	18.34	18.26
Middle CH	1.09	1.1	2.71	2.7	4.53	4.48	8.97	9.01	13.4	13.4	18.18	18.3
Highest CH	1.09	1.09	2.72	2.72	4.48	4.47	8.99	9.01	13.4	13.46	18.3	18.38

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.72	4.49	4.48	8.95	8.87	-	-	-	-
Middle CH	1.1	1.09	2.73	2.71	4.48	4.49	8.99	9.01	-	-	-	-
Highest CH	1.09	1.1	2.73	2.72	4.47	4.49	8.99	8.95	-	-	-	-

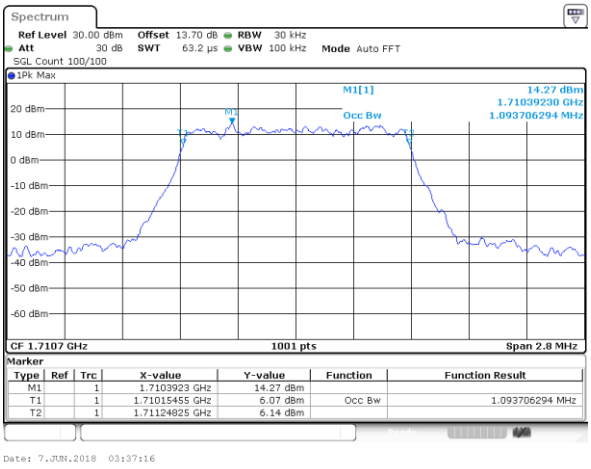
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.51	8.97	8.97	13.46	13.4	18.22	18.38
Middle CH	-	-	-	-	4.48	4.46	8.97	9.01	13.43	13.43	18.26	18.3
Highest CH	-	-	-	-	4.5	4.48	9.05	9.03	13.43	13.37	18.5	18.14

LTE Band 4

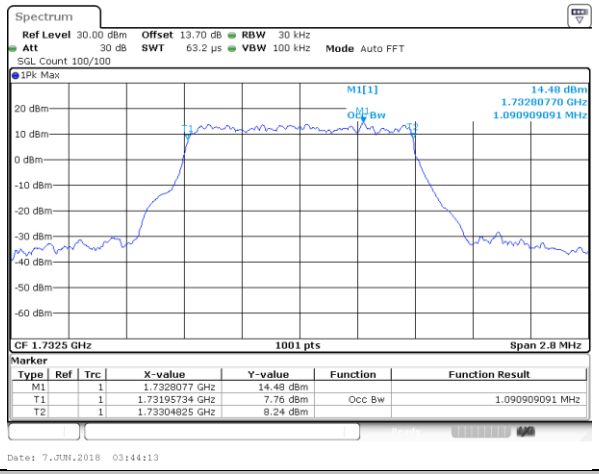
Lowest Channel / 1.4MHz / QPSK



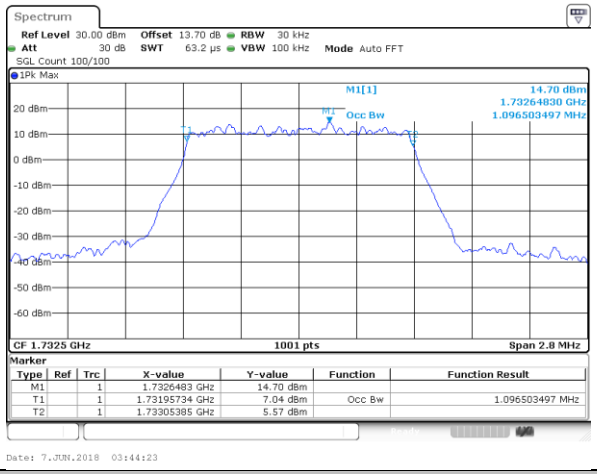
Lowest Channel / 1.4MHz / 16QAM



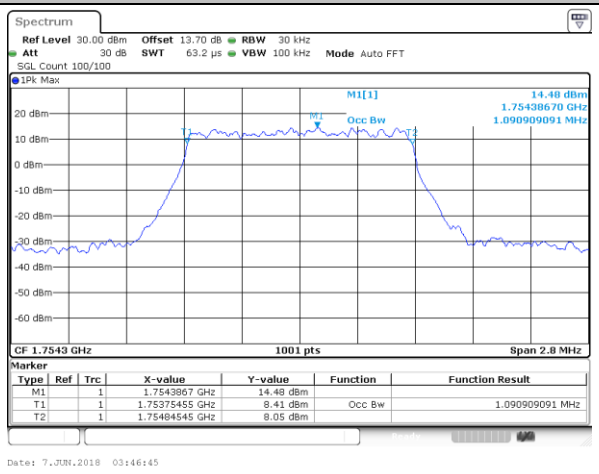
Middle Channel / 1.4MHz / QPSK



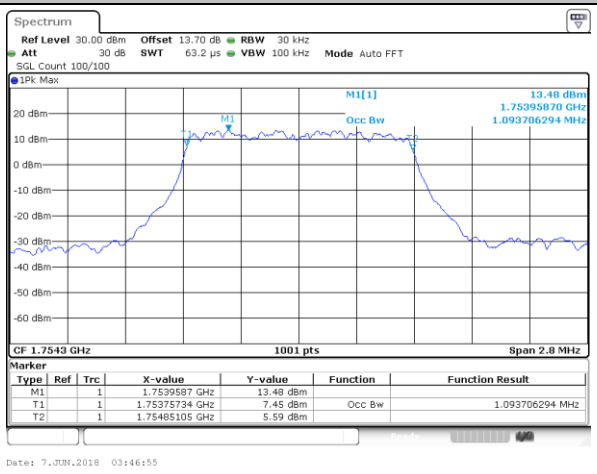
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

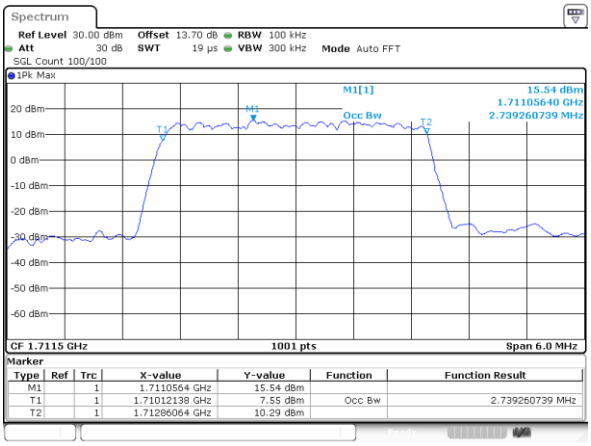


Highest Channel / 1.4MHz / 16QAM

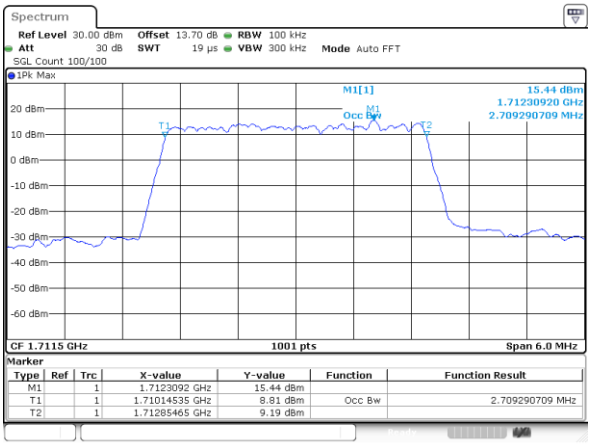


LTE Band 4

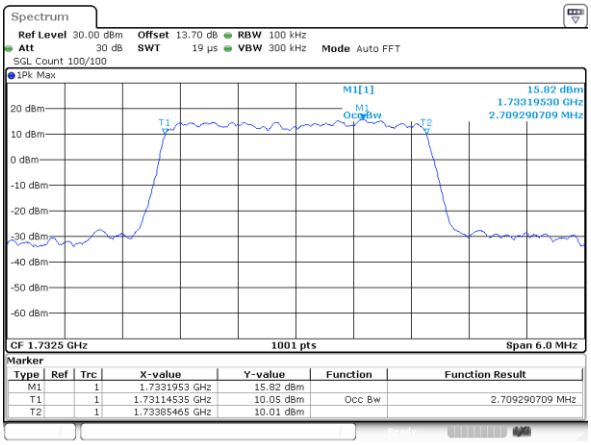
Lowest Channel / 3MHz / QPSK



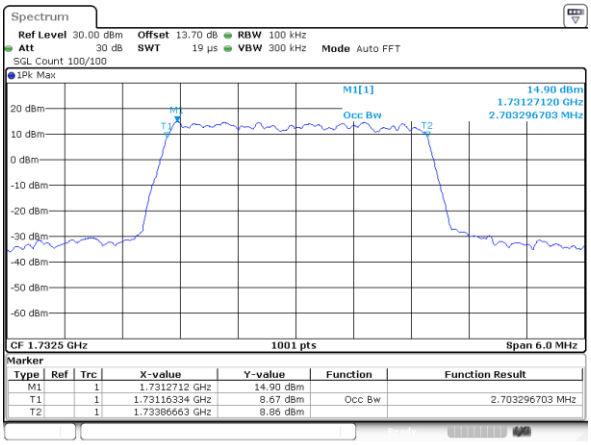
Lowest Channel / 3MHz / 16QAM



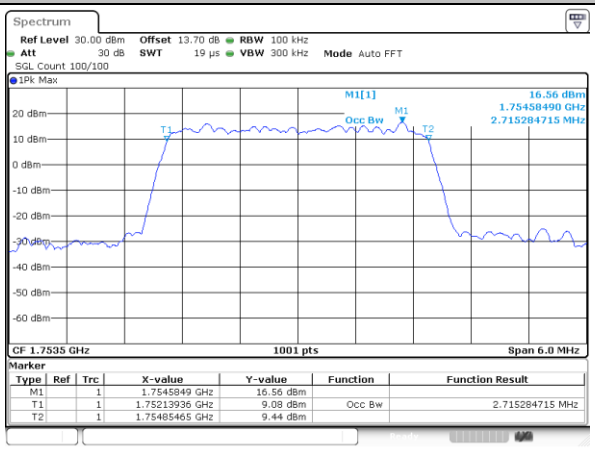
Middle Channel / 3MHz / QPSK



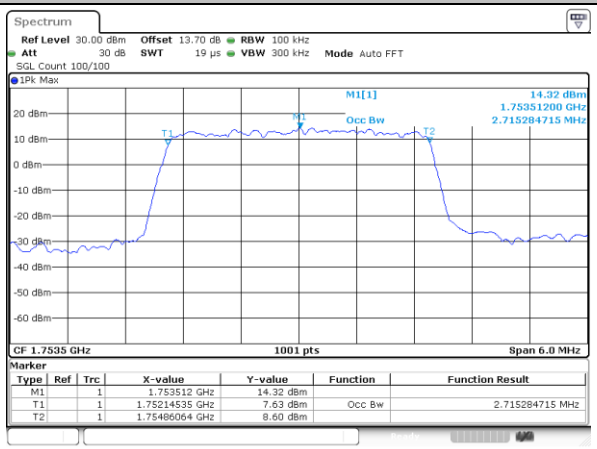
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

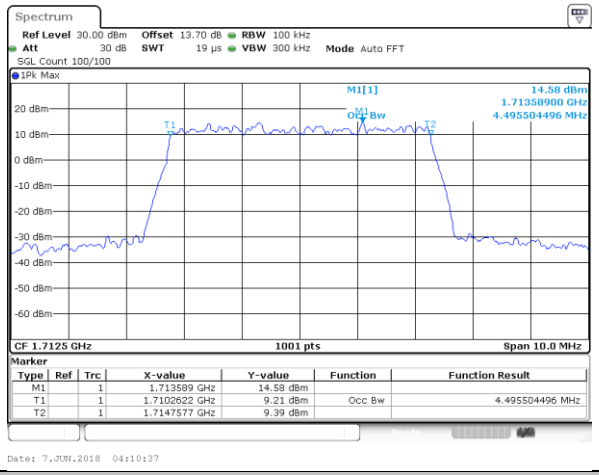


Highest Channel / 3MHz / 16QAM

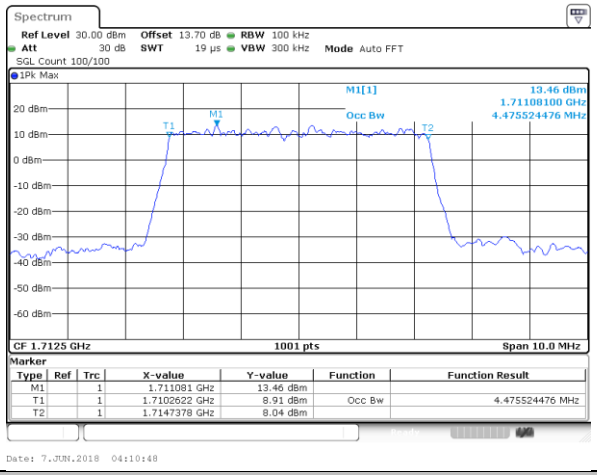


LTE Band 4

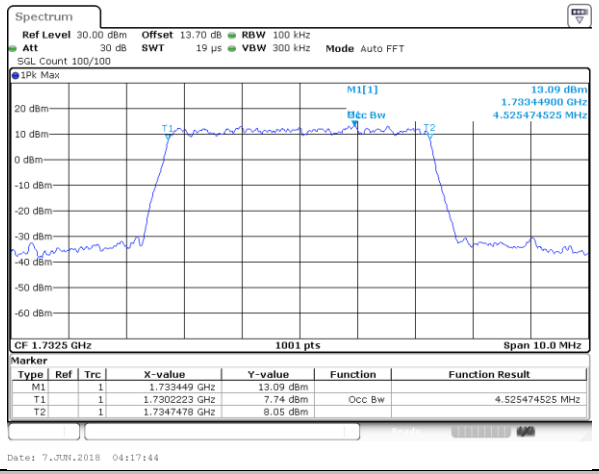
Lowest Channel / 5MHz / QPSK



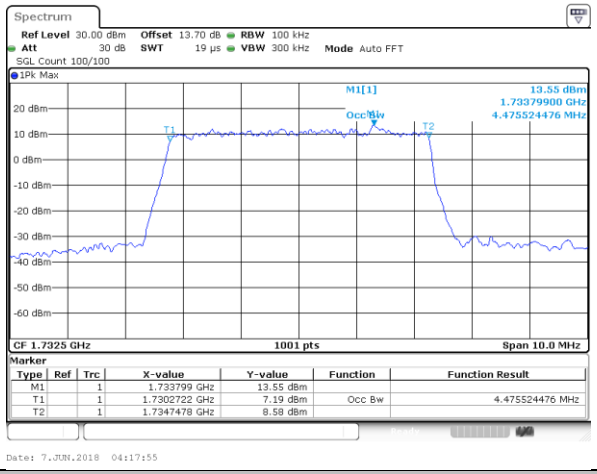
Lowest Channel / 5MHz / 16QAM



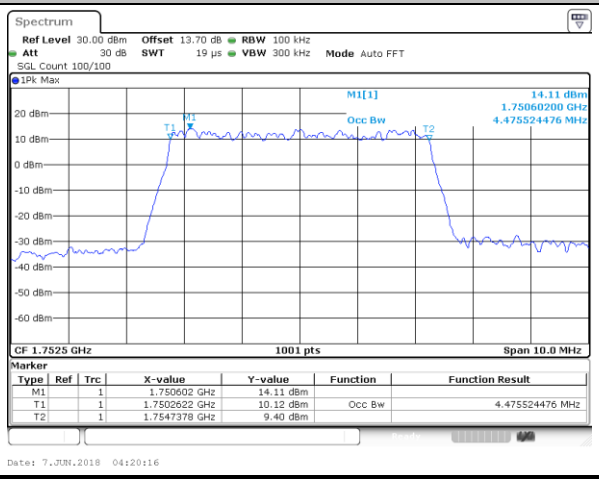
Middle Channel / 5MHz / QPSK



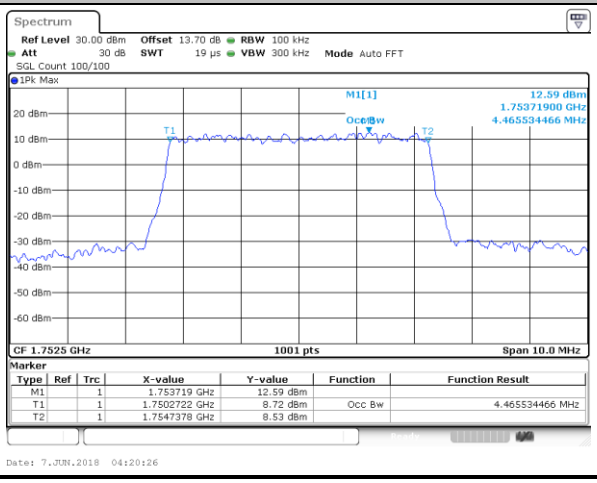
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

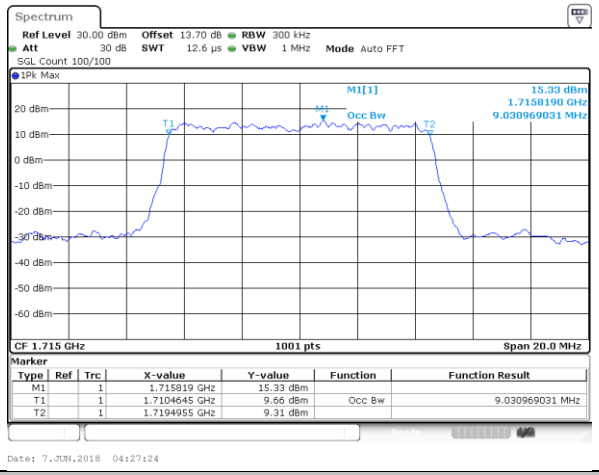


Highest Channel / 5MHz / 16QAM

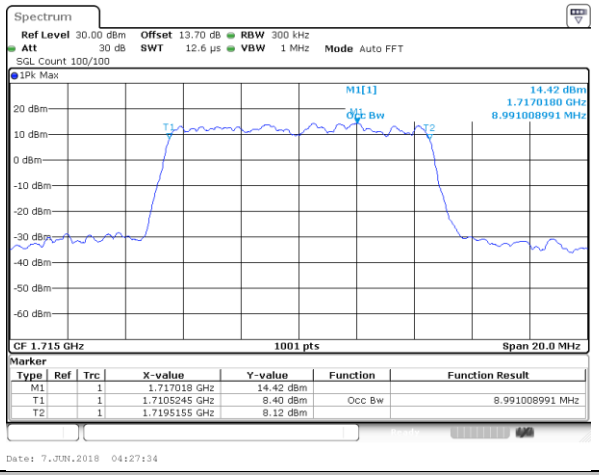


LTE Band 4

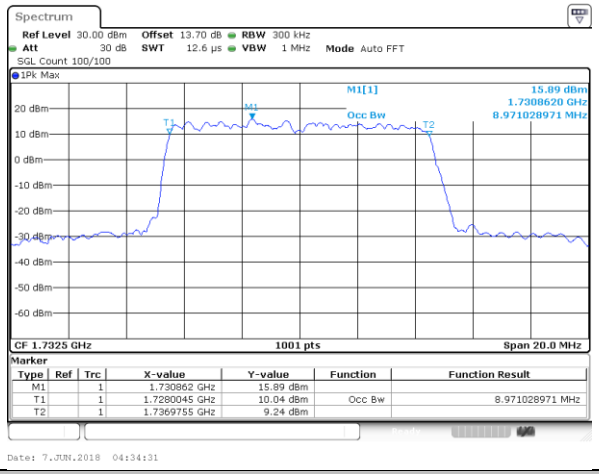
Lowest Channel / 10MHz / QPSK



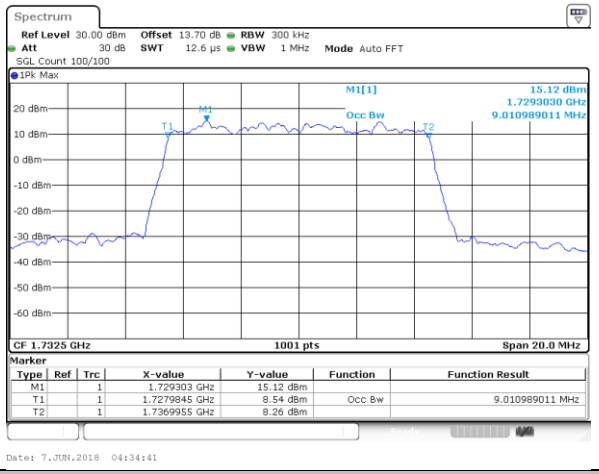
Lowest Channel / 10MHz / 16QAM



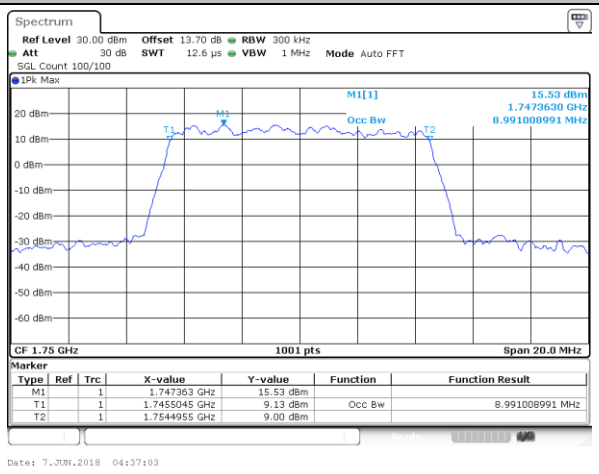
Middle Channel / 10MHz / QPSK



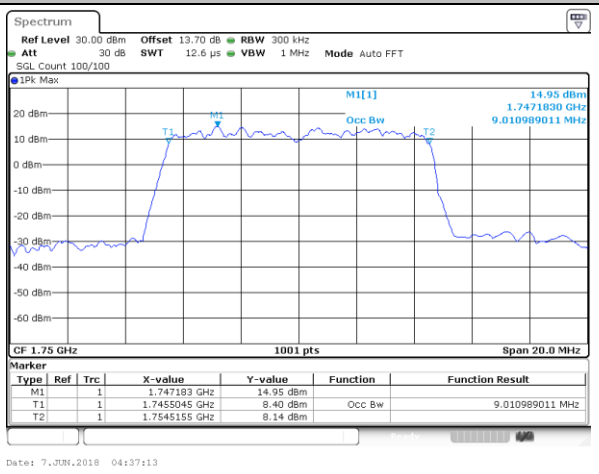
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

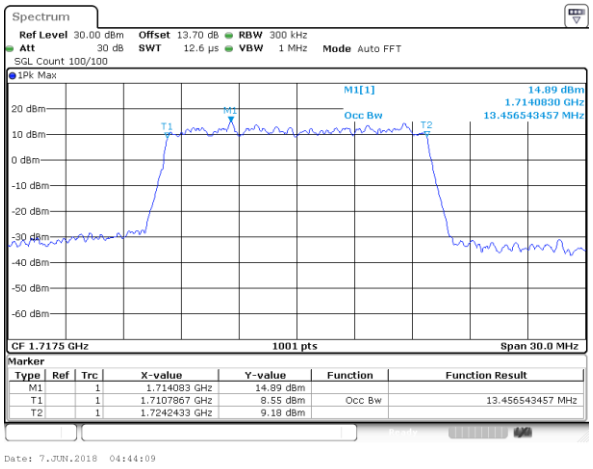


Highest Channel / 10MHz / 16QAM

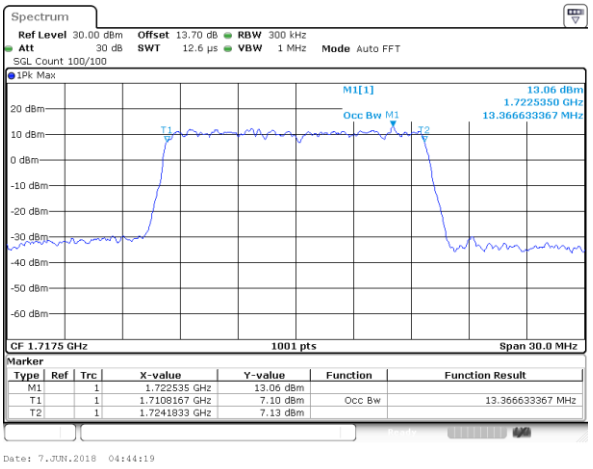


LTE Band 4

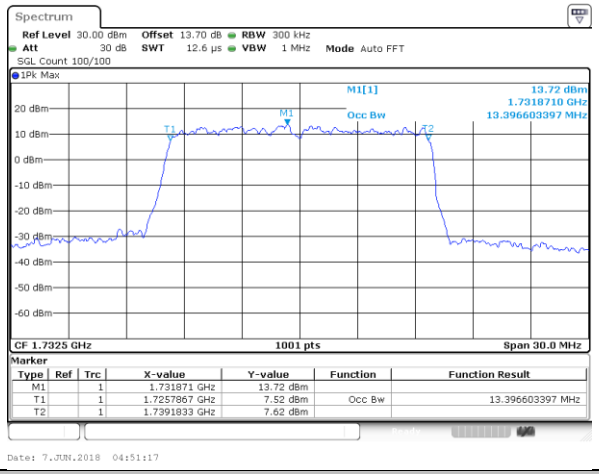
Lowest Channel / 15MHz / QPSK



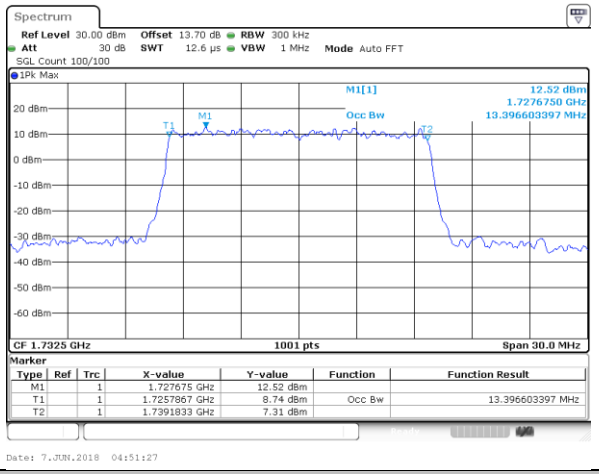
Lowest Channel / 15MHz / 16QAM



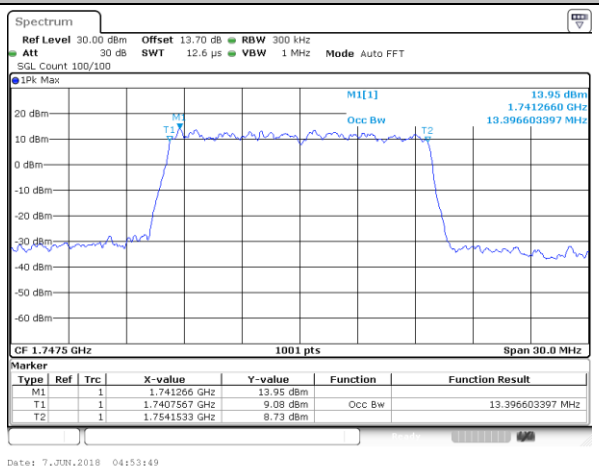
Middle Channel / 15MHz / QPSK



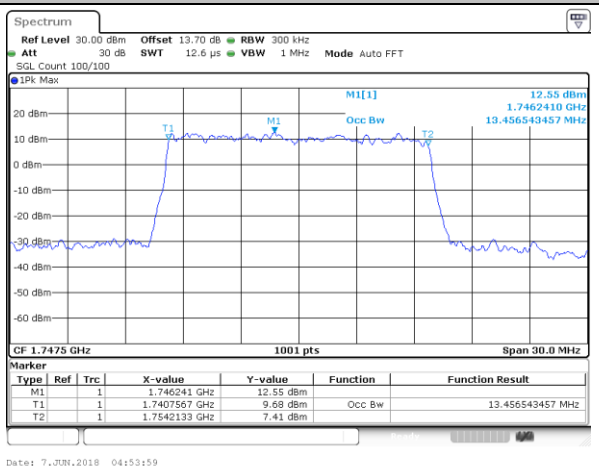
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

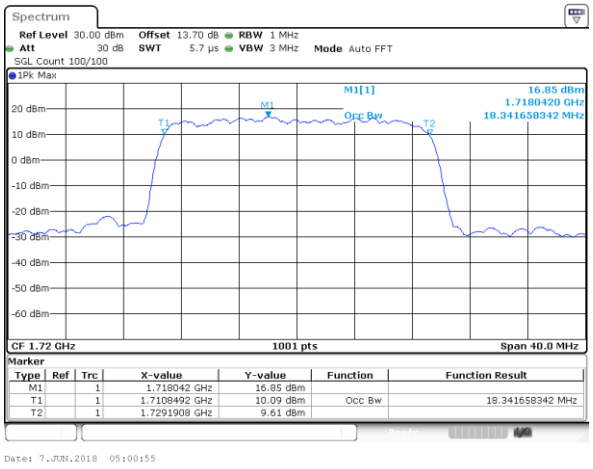


Highest Channel / 15MHz / 16QAM

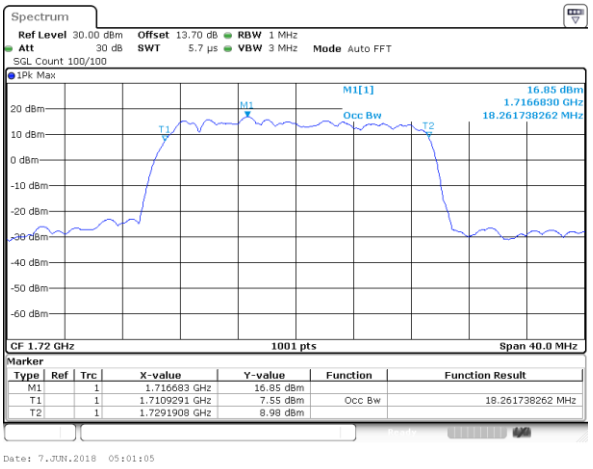


LTE Band 4

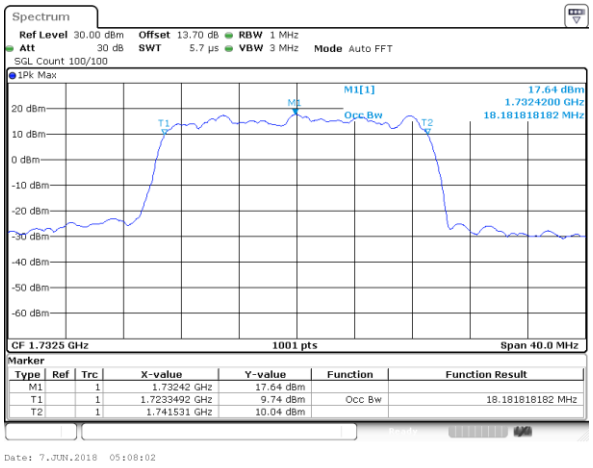
Lowest Channel / 20MHz / QPSK



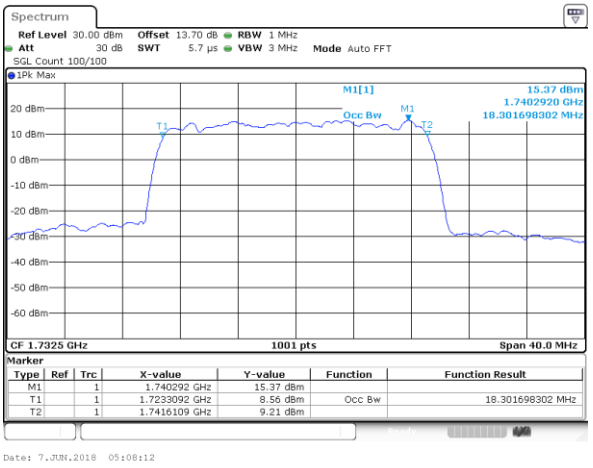
Lowest Channel / 20MHz / 16QAM



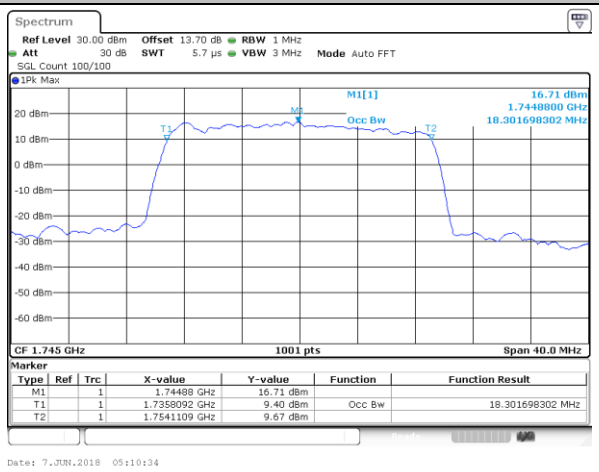
Middle Channel / 20MHz / QPSK



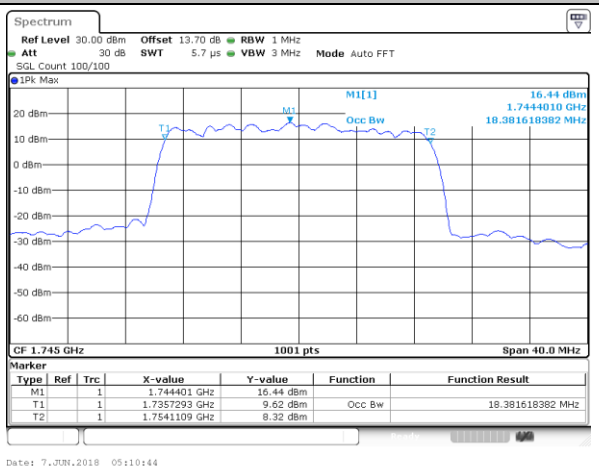
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

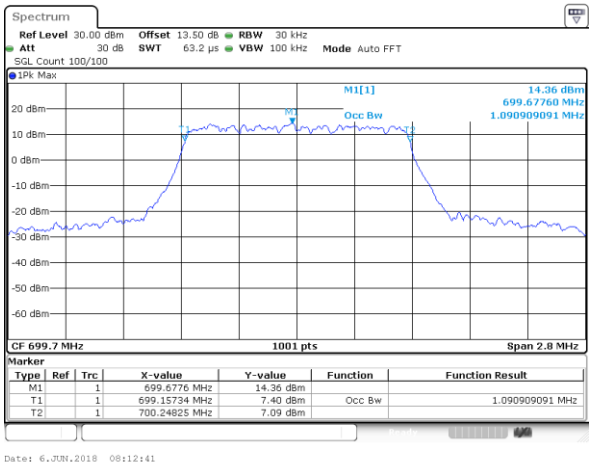


Highest Channel / 20MHz / 16QAM

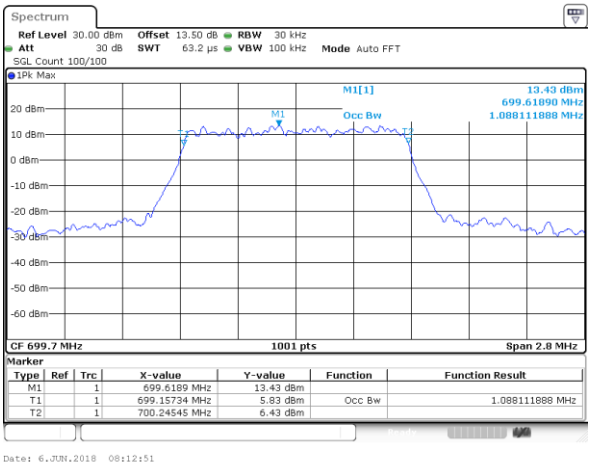


LTE Band 12

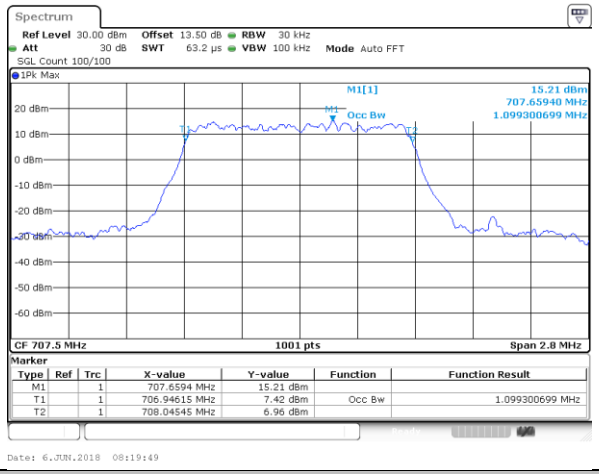
Lowest Channel / 1.4MHz / QPSK



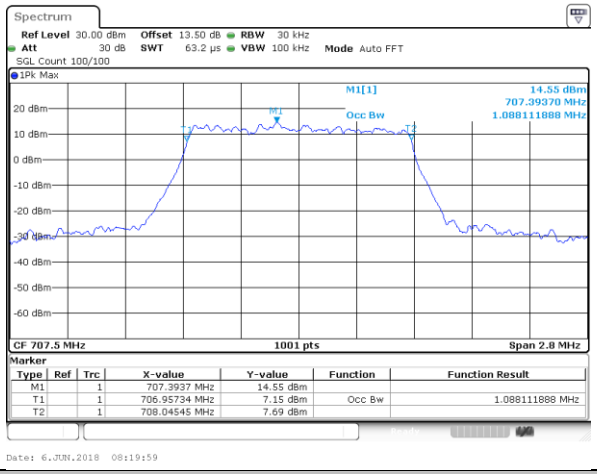
Lowest Channel / 1.4MHz / 16QAM



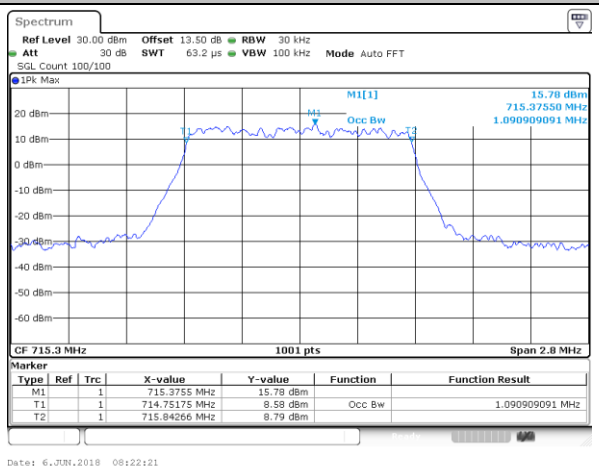
Middle Channel / 1.4MHz / QPSK



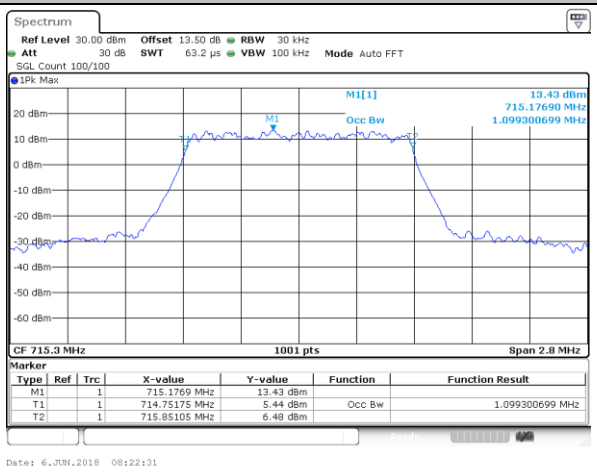
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

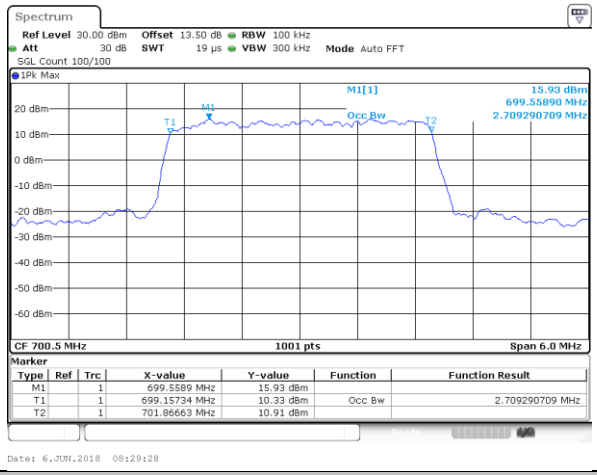


Highest Channel / 1.4MHz / 16QAM

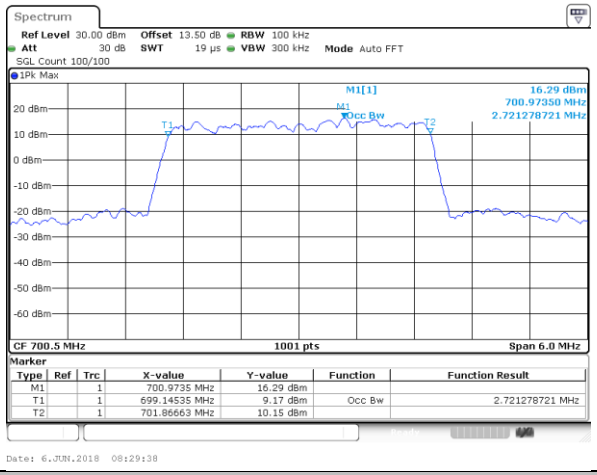


LTE Band 12

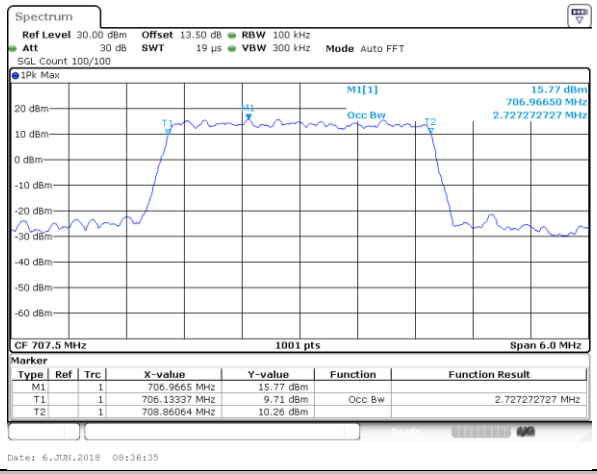
Lowest Channel / 3MHz / QPSK



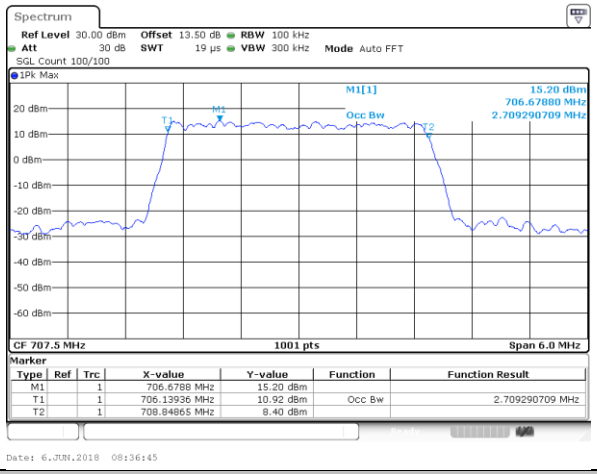
Lowest Channel / 3MHz / 16QAM



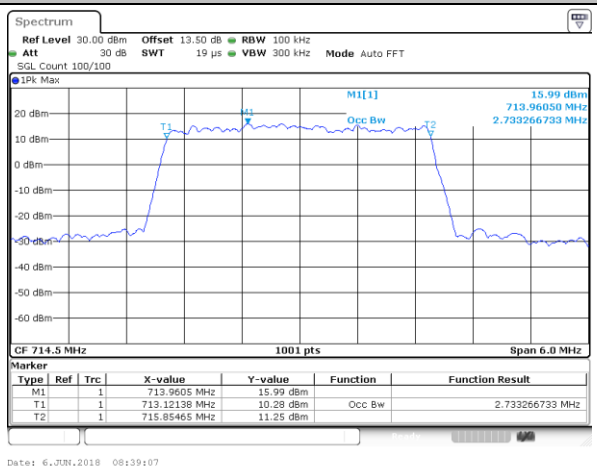
Middle Channel / 3MHz / QPSK



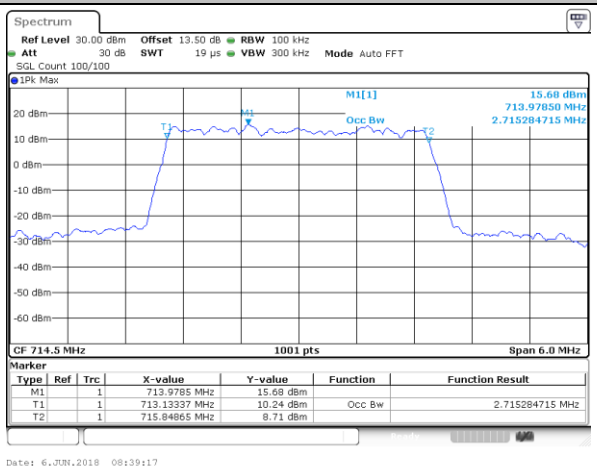
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

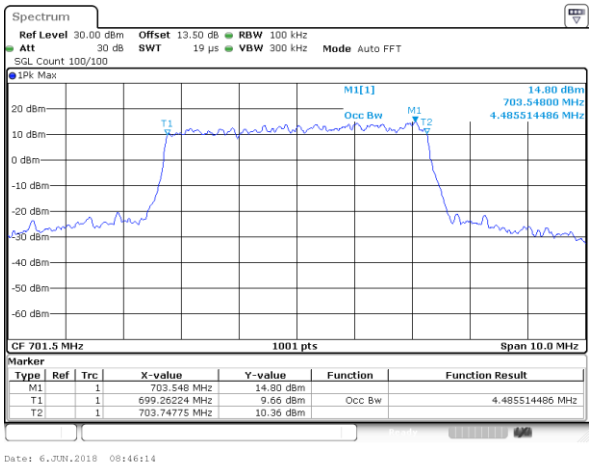


Highest Channel / 3MHz / 16QAM

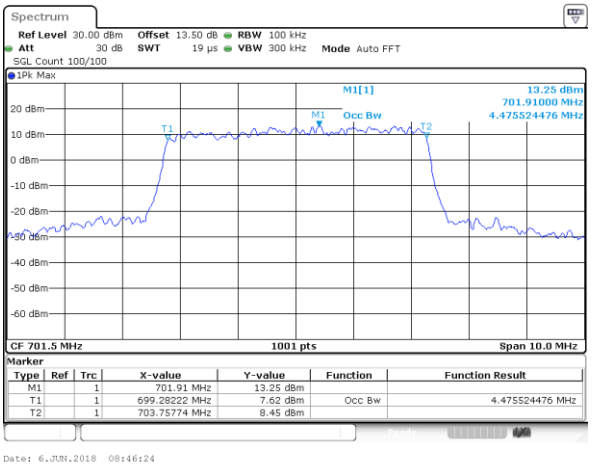


LTE Band 12

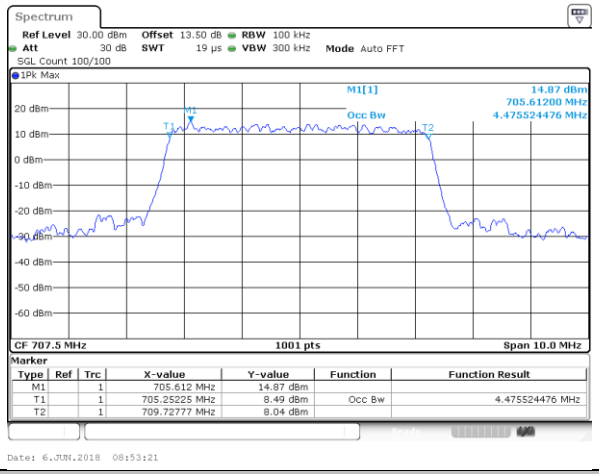
Lowest Channel / 5MHz / QPSK



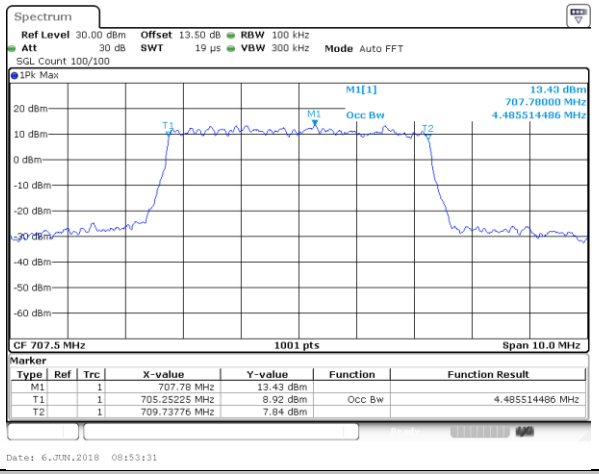
Lowest Channel / 5MHz / 16QAM



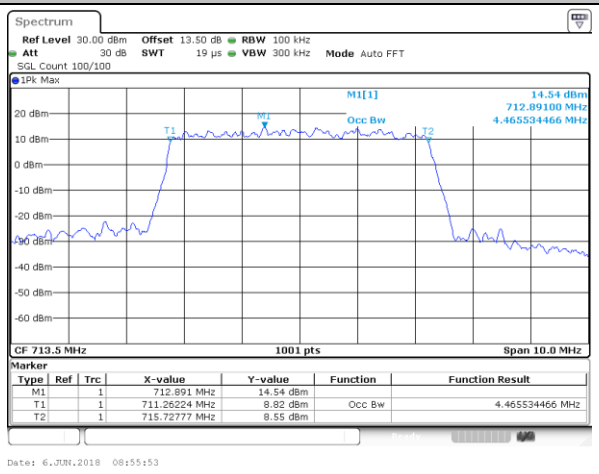
Middle Channel / 5MHz / QPSK



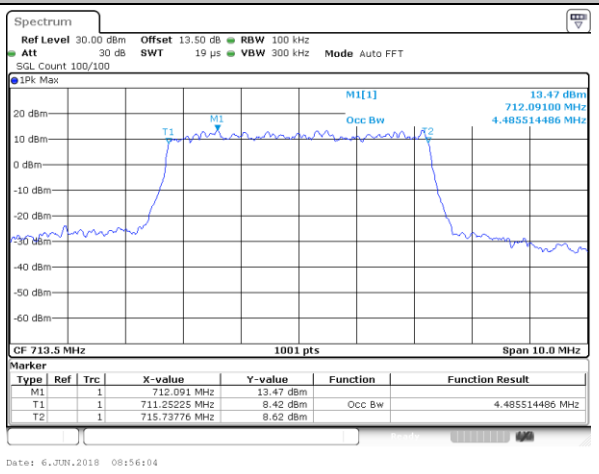
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

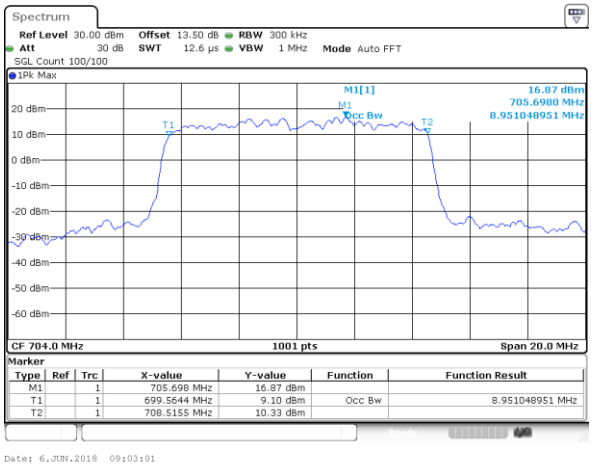


Highest Channel / 5MHz / 16QAM

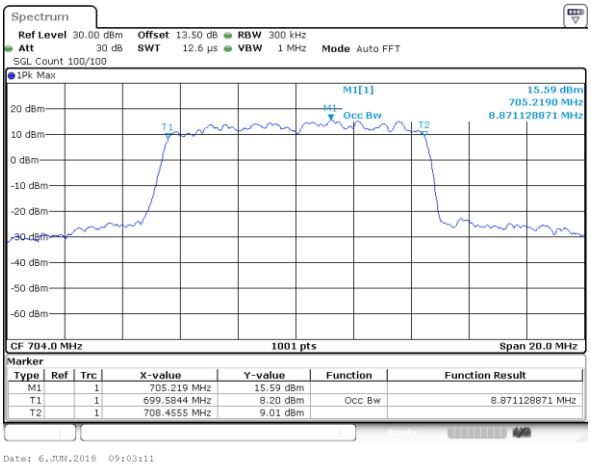


LTE Band 12

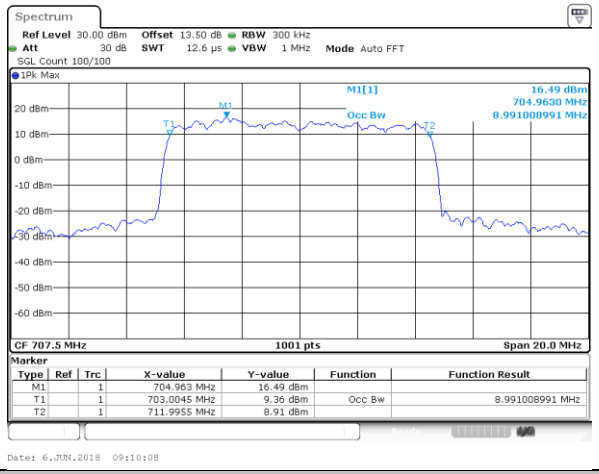
Lowest Channel / 10MHz / QPSK



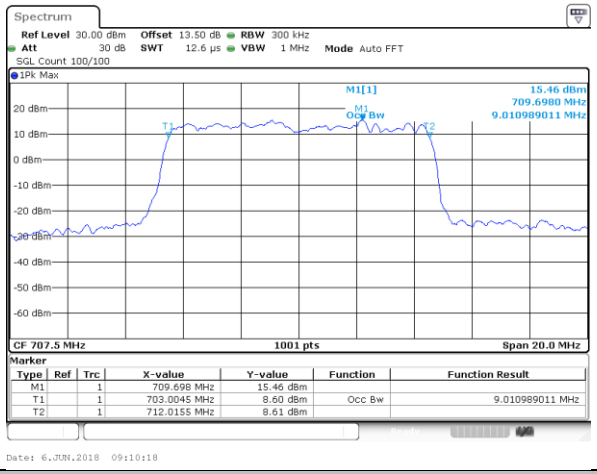
Lowest Channel / 10MHz / 16QAM



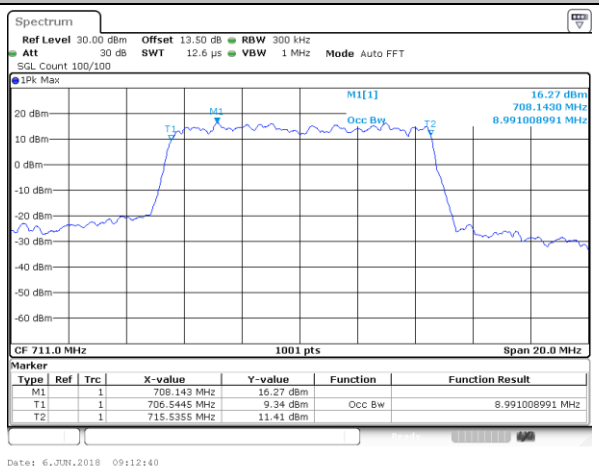
Middle Channel / 10MHz / QPSK



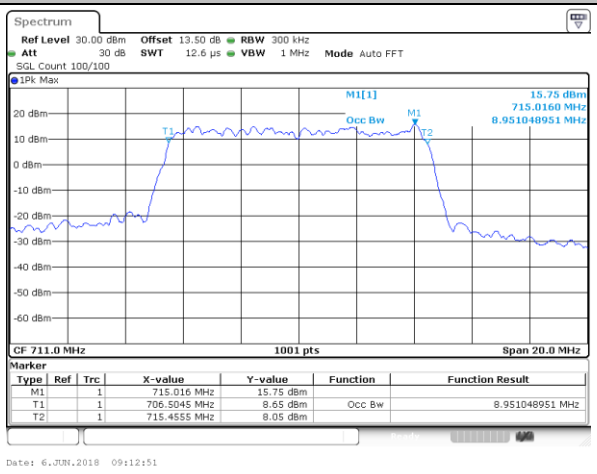
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

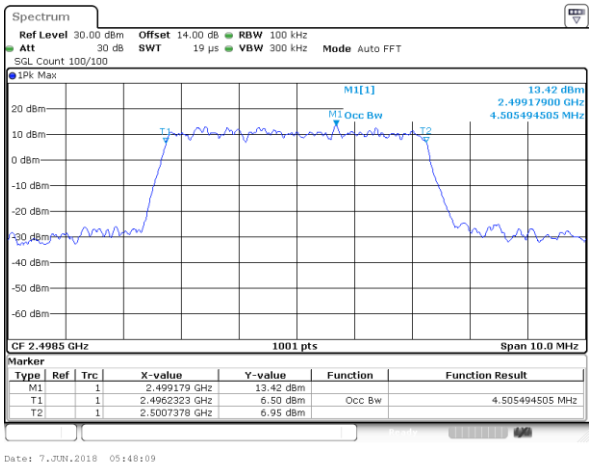


Highest Channel / 10MHz / 16QAM

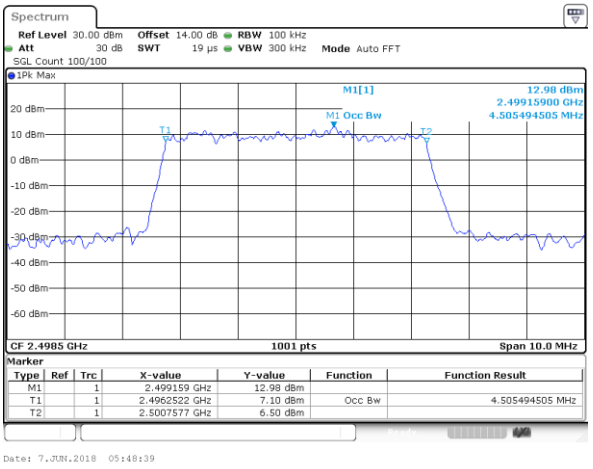


LTE Band 41

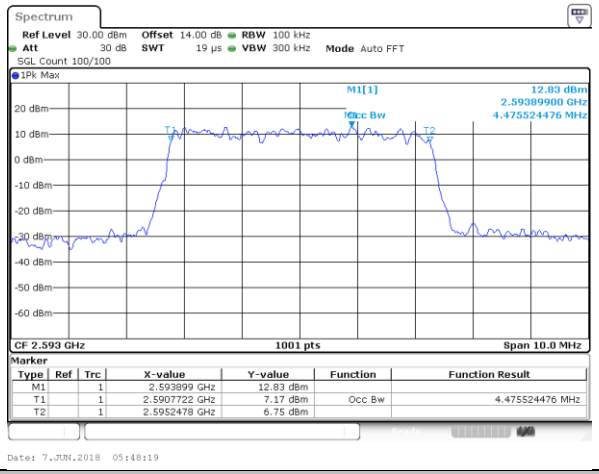
Lowest Channel / 5MHz / QPSK



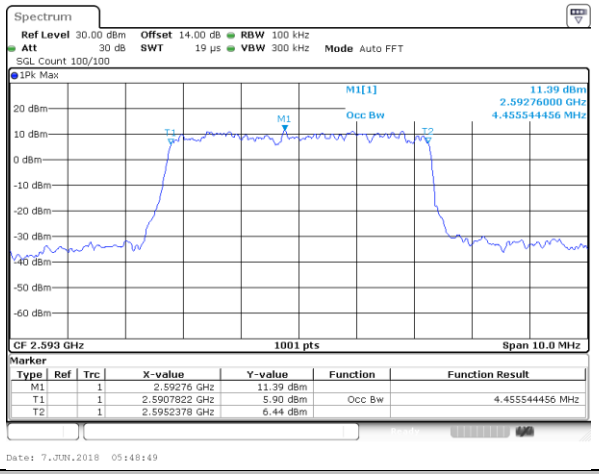
Lowest Channel / 5MHz / 16QAM



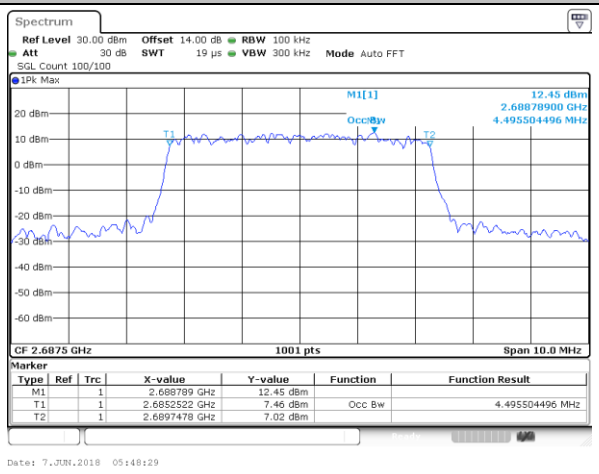
Middle Channel / 5MHz / QPSK



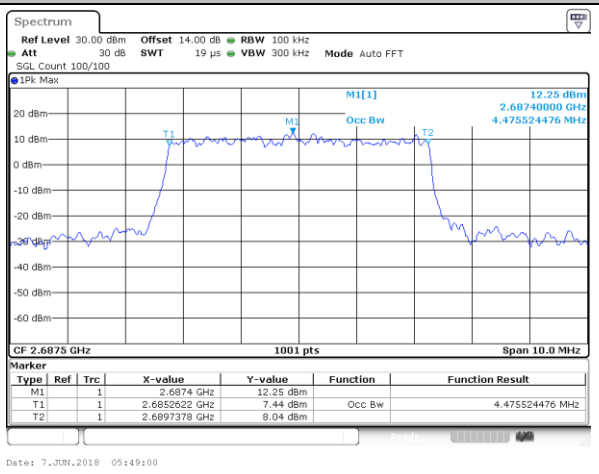
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

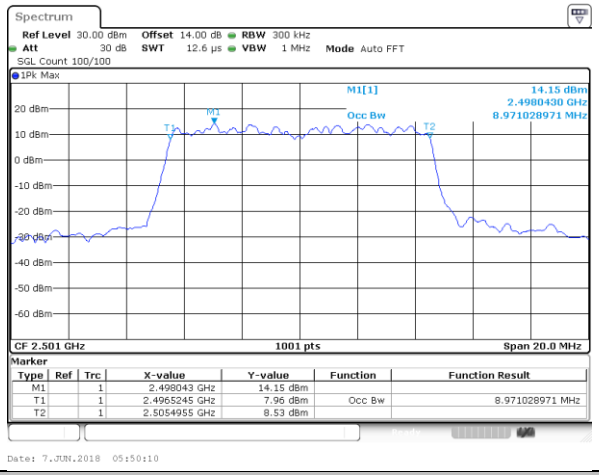


Highest Channel / 5MHz / 16QAM

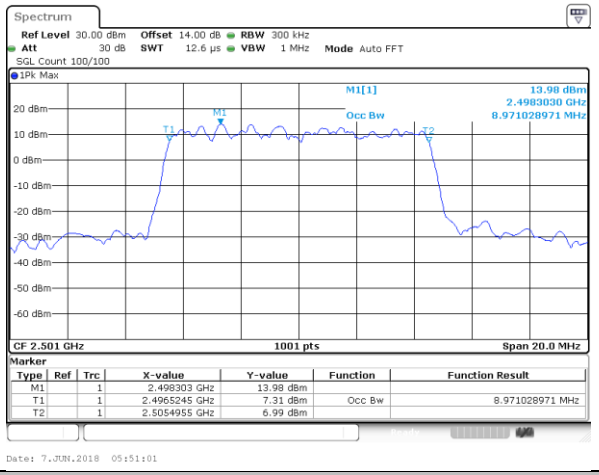


LTE Band 41

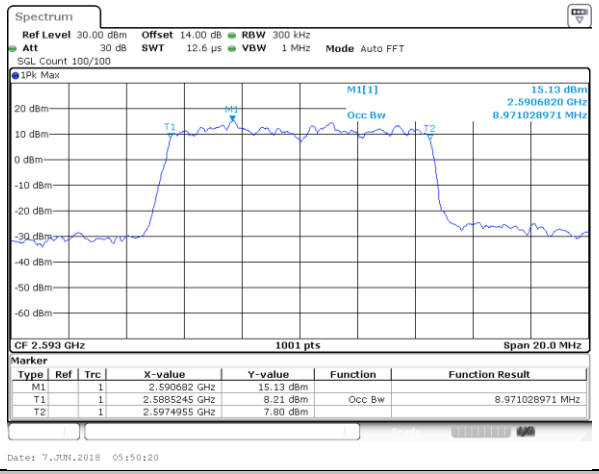
Lowest Channel / 10MHz / QPSK



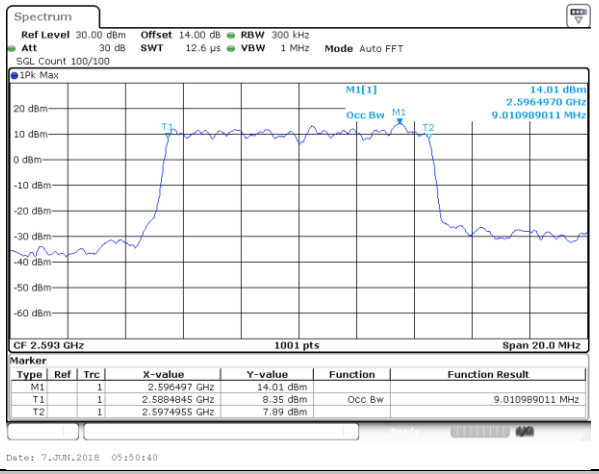
Lowest Channel / 10MHz / 16QAM



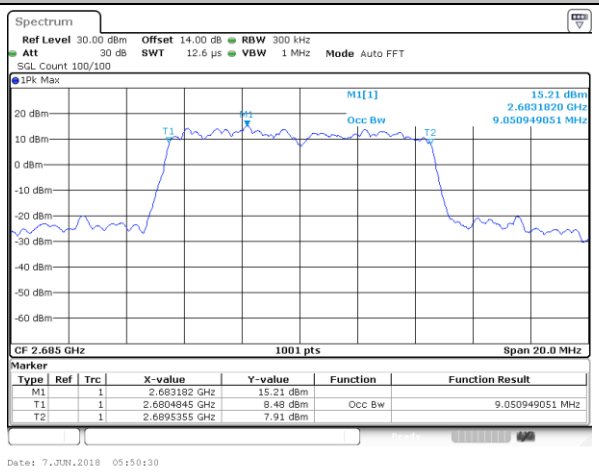
Middle Channel / 10MHz / QPSK



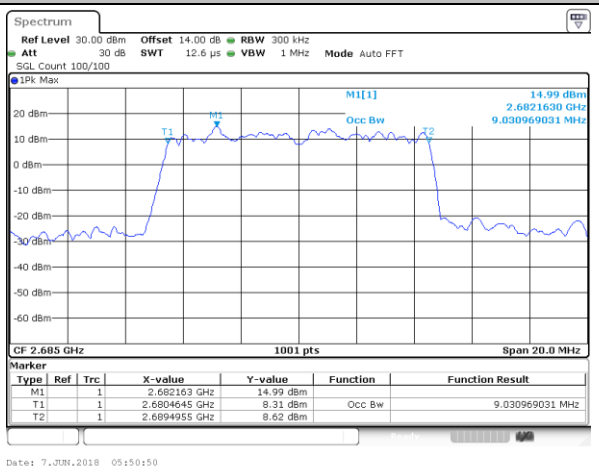
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

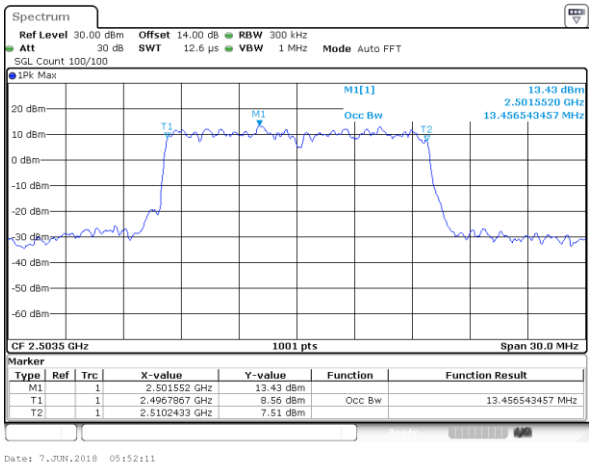


Highest Channel / 10MHz / 16QAM

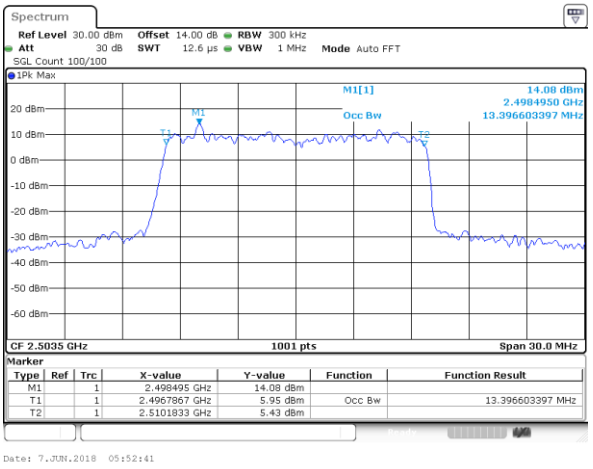


LTE Band 41

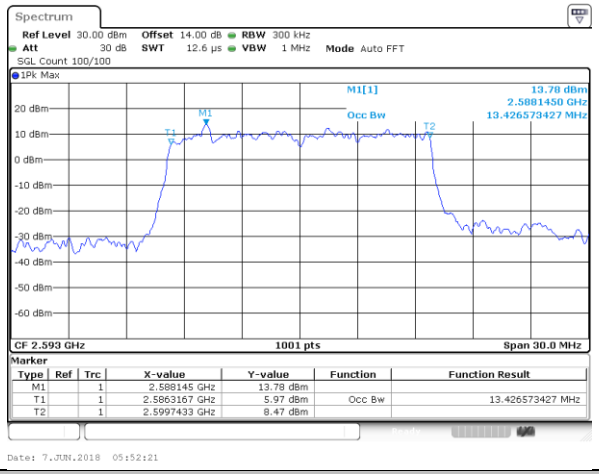
Lowest Channel / 15MHz / QPSK



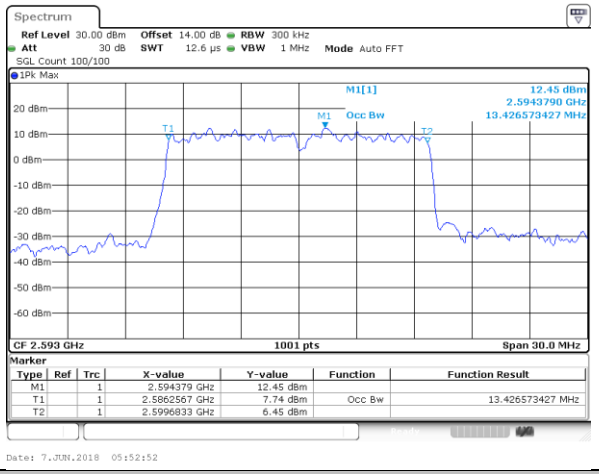
Lowest Channel / 15MHz / 16QAM



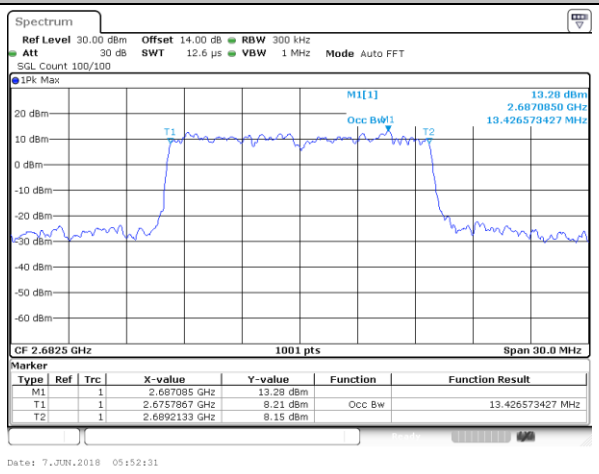
Middle Channel / 15MHz / QPSK



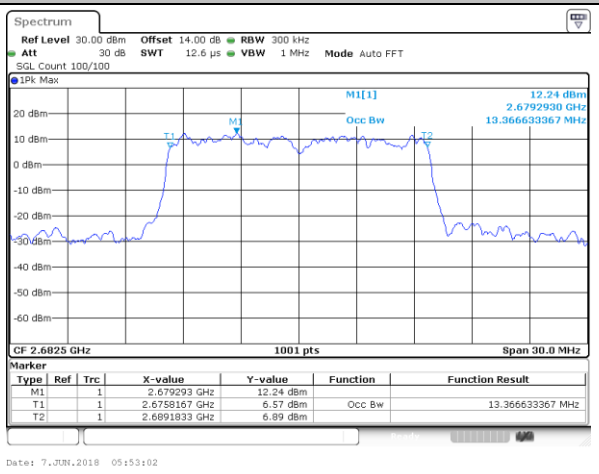
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

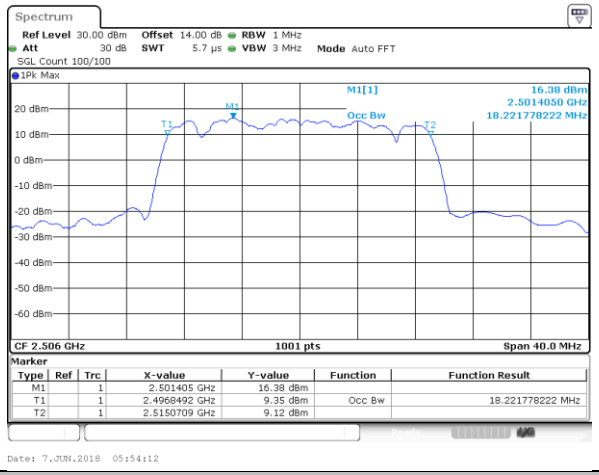


Highest Channel / 15MHz / 16QAM

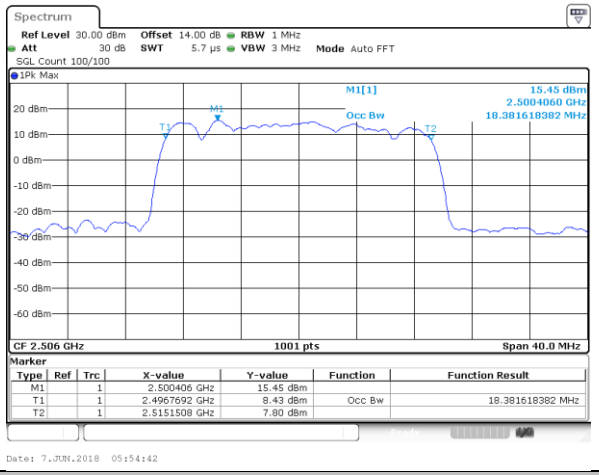


LTE Band 41

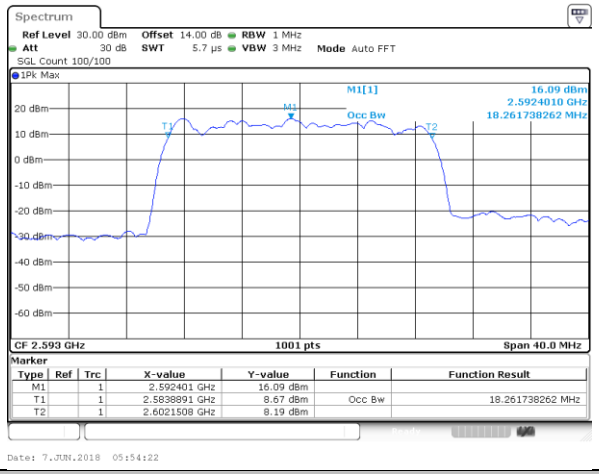
Lowest Channel / 20MHz / QPSK



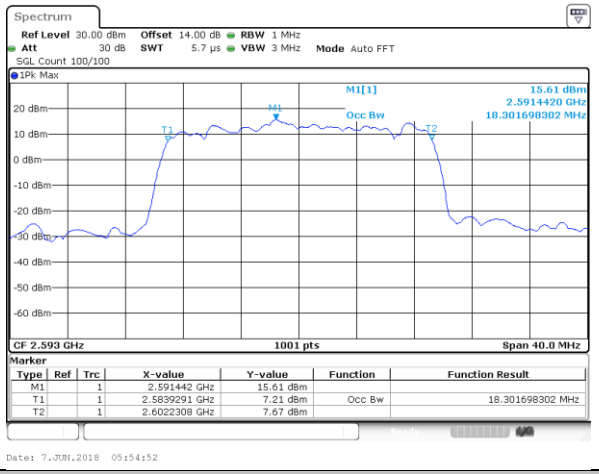
Lowest Channel / 20MHz / 16QAM



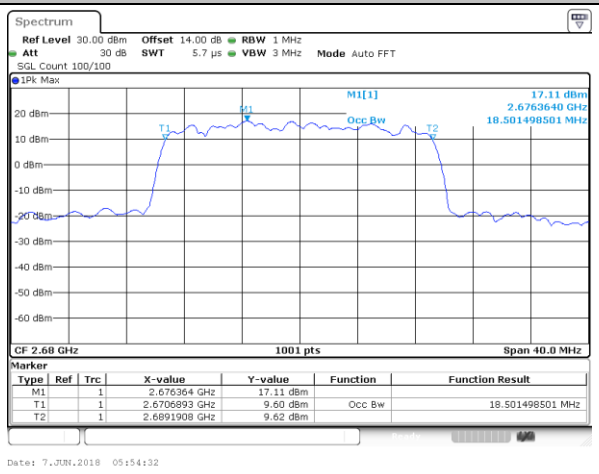
Middle Channel / 20MHz / QPSK



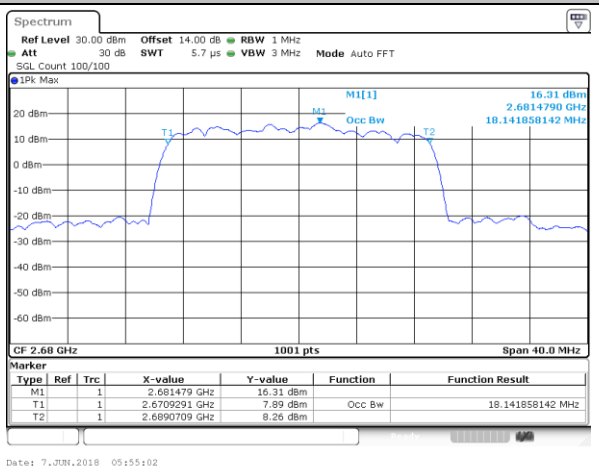
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



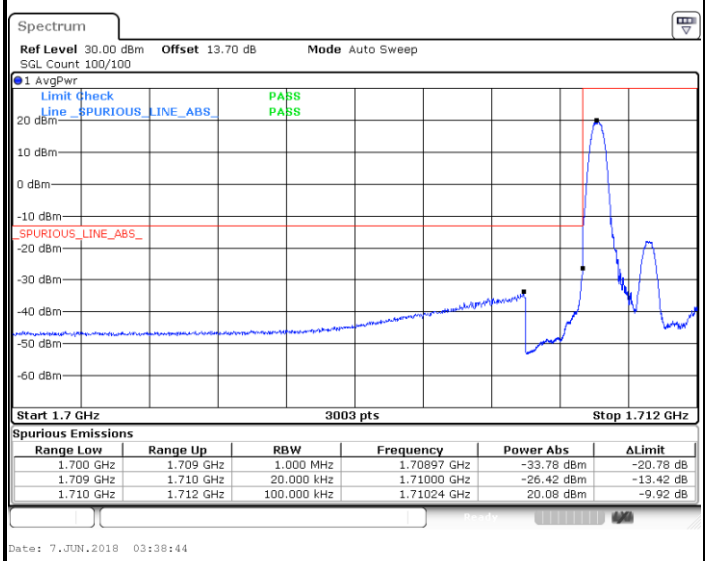
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

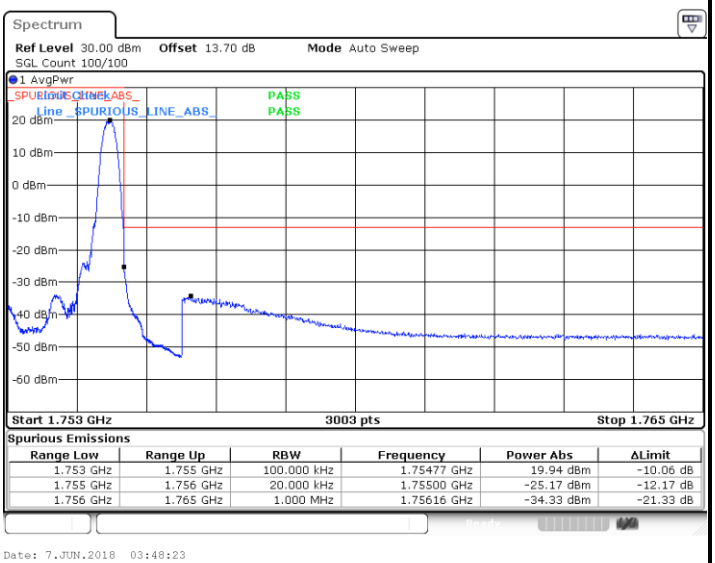


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-33.78 dBm	-20.78 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-26.42 dBm	-13.42 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	20.08 dBm	-9.92 dB

Date: 7.JUN.2018 03:38:44

Highest Band Edge / 1RB

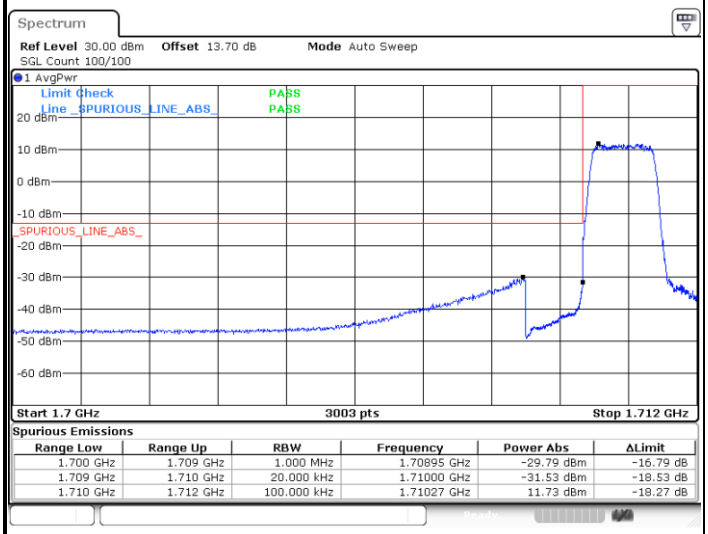


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75477 GHz	19.94 dBm	-10.06 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-25.17 dBm	-12.17 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75616 GHz	-34.33 dBm	-21.33 dB

Date: 7.JUN.2018 03:48:23

Lowest Band Edge / Full RB

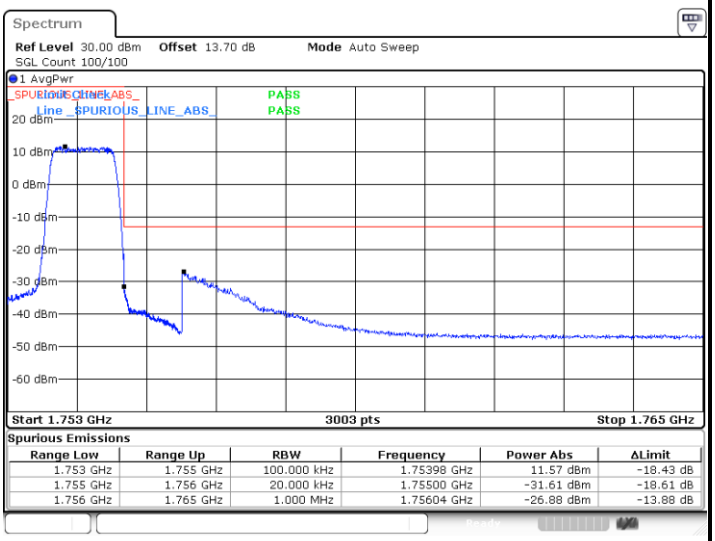


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70895 GHz	-29.79 dBm	-16.79 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-31.53 dBm	-18.53 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71027 GHz	11.73 dBm	-18.27 dB

Date: 7.JUN.2018 03:41:02

Highest Band Edge / Full RB



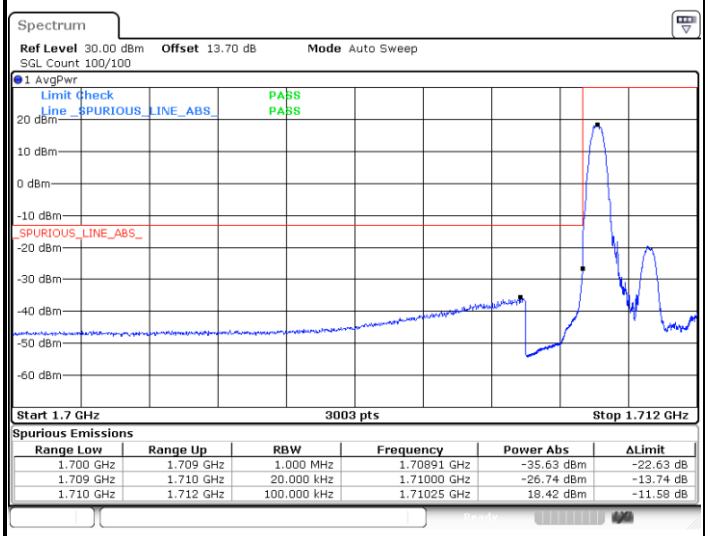
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75398 GHz	11.57 dBm	-18.43 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-31.61 dBm	-18.61 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75604 GHz	-26.88 dBm	-13.88 dB

Date: 7.JUN.2018 03:50:41

LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

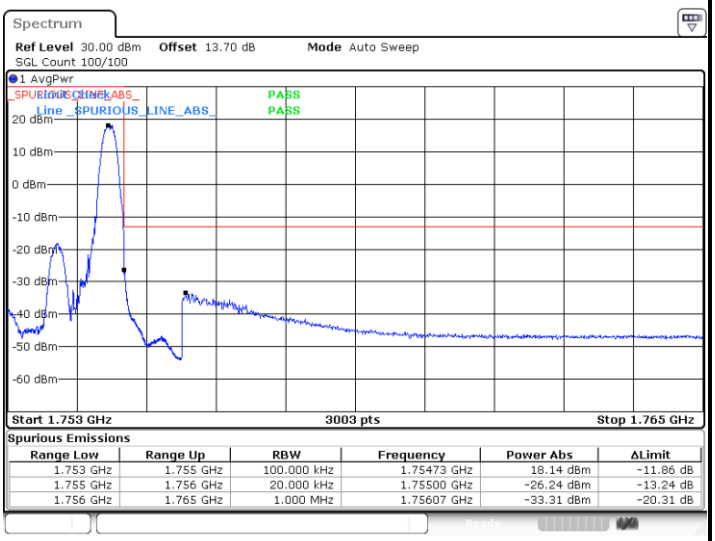


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-35.63 dBm	-22.63 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-26.74 dBm	-13.74 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71025 GHz	18.42 dBm	-11.58 dB

Date: 7.JUN.2018 03:39:53

Highest Band Edge / 1 RB

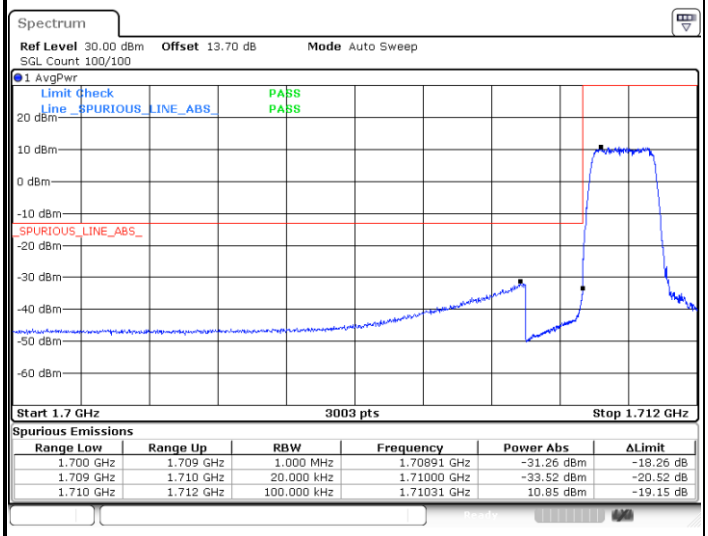


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75473 GHz	18.14 dBm	-11.86 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-26.24 dBm	-13.24 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75607 GHz	-33.31 dBm	-20.31 dB

Date: 7.JUN.2018 03:49:32

Lowest Band Edge / Full RB

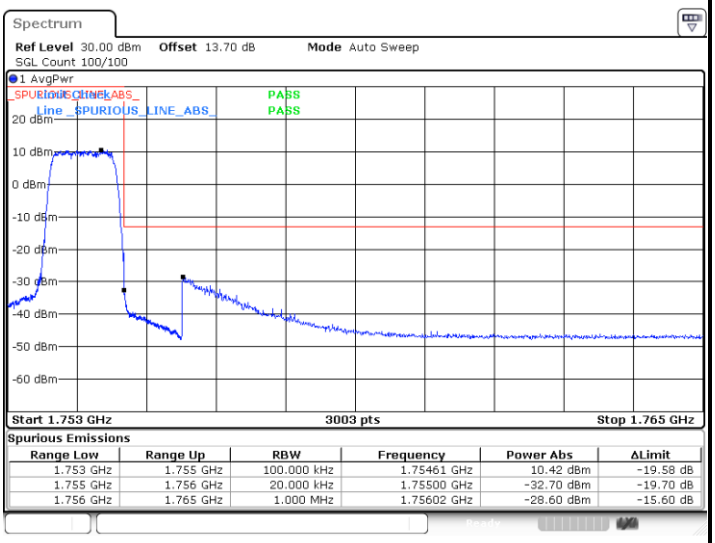


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.26 dBm	-18.26 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-33.52 dBm	-20.52 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71031 GHz	10.85 dBm	-19.15 dB

Date: 7.JUN.2018 03:42:11

Highest Band Edge / Full RB



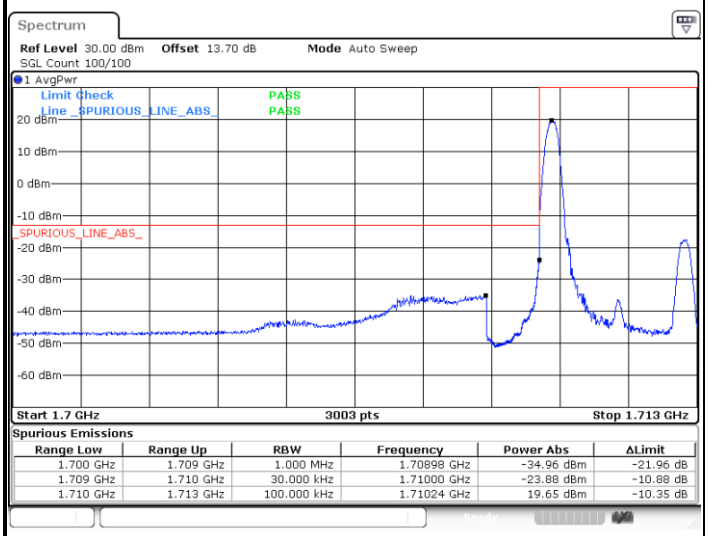
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.753 GHz	1.755 GHz	100.000 kHz	1.75461 GHz	10.42 dBm	-19.58 dB
1.755 GHz	1.756 GHz	20.000 kHz	1.75500 GHz	-32.70 dBm	-19.70 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-28.60 dBm	-15.60 dB

Date: 7.JUN.2018 03:51:50

LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB

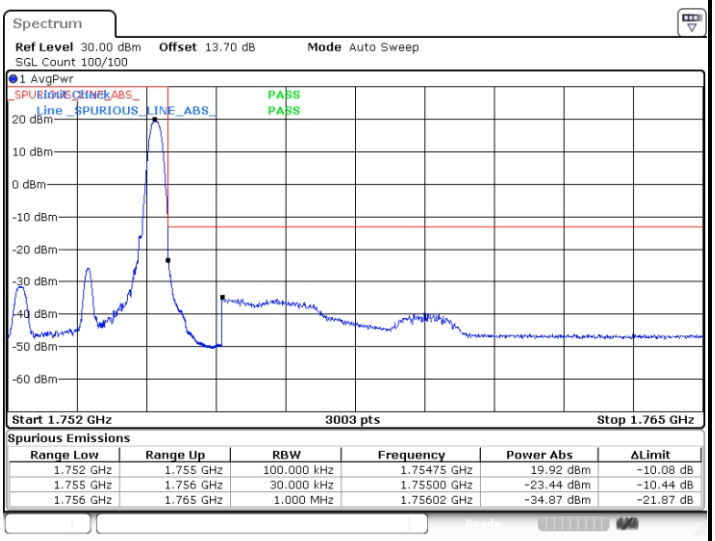


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-34.96 dBm	-21.96 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-23.88 dBm	-10.88 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71024 GHz	19.65 dBm	-10.35 dB

Date: 7.JUN.2018 03:55:30

Highest Band Edge / 1 RB

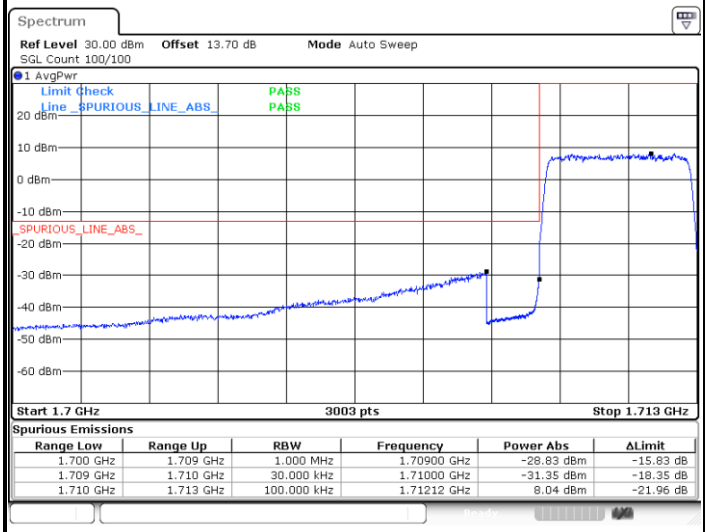


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75475 GHz	19.92 dBm	-10.08 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-23.44 dBm	-10.44 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-34.87 dBm	-21.87 dB

Date: 7.JUN.2018 04:05:09

Lowest Band Edge / Full RB

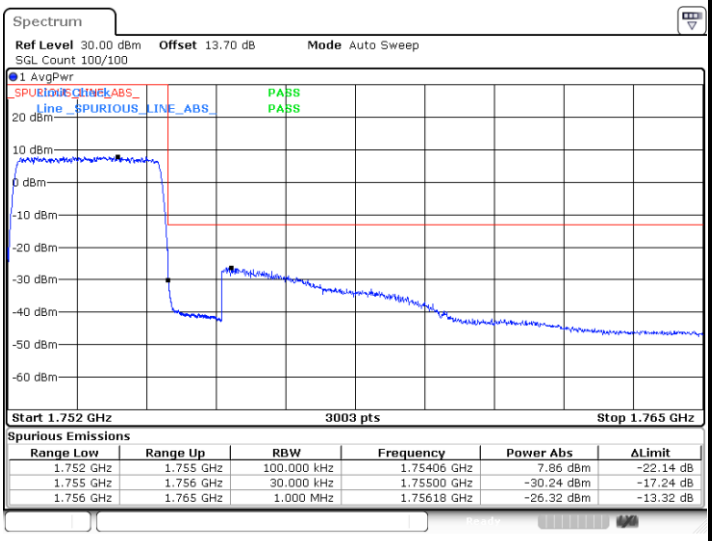


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-28.83 dBm	-15.83 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-31.35 dBm	-18.35 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71212 GHz	8.04 dBm	-21.96 dB

Date: 7.JUN.2018 03:57:48

Highest Band Edge / Full RB



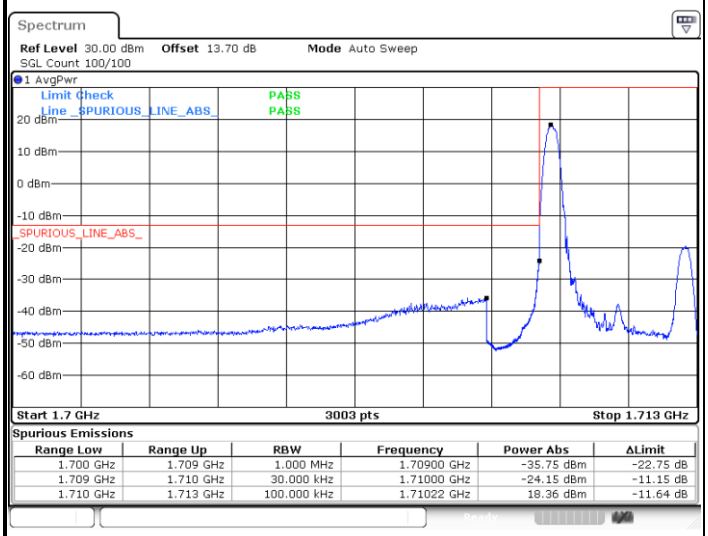
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75406 GHz	7.86 dBm	-22.14 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-30.24 dBm	-17.24 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75618 GHz	-26.32 dBm	-13.32 dB

Date: 7.JUN.2018 04:07:27

LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

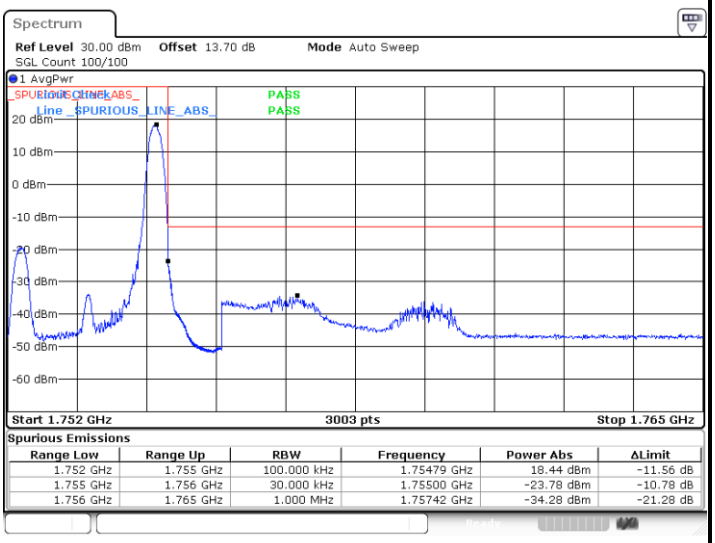


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-35.75 dBm	-22.75 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-24.15 dBm	-11.15 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71022 GHz	18.36 dBm	-11.64 dB

Date: 7.JUN.2018 03:56:39

Highest Band Edge /1 RB

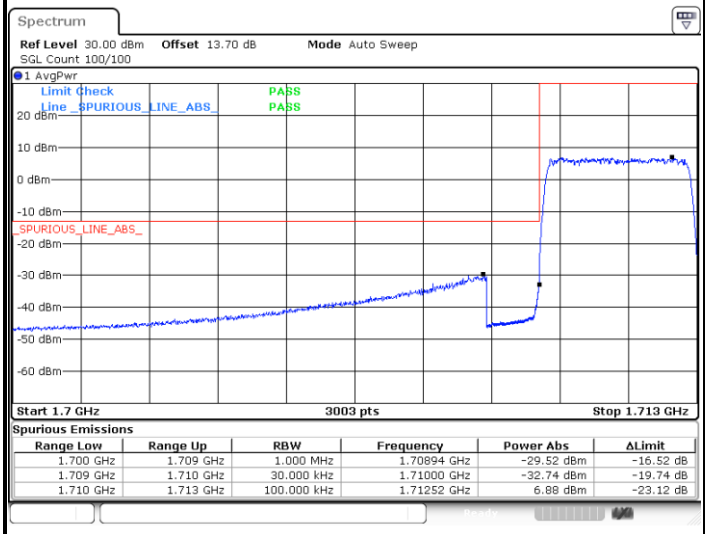


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75479 GHz	18.44 dBm	-11.56 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-23.78 dBm	-10.78 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75742 GHz	-34.28 dBm	-21.28 dB

Date: 7.JUN.2018 04:06:18

Lowest Band Edge / Full RB

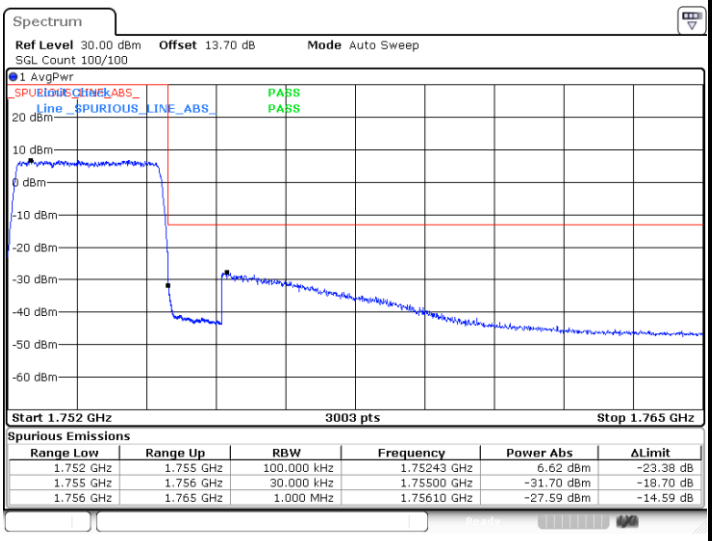


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-29.52 dBm	-16.52 dB
1.709 GHz	1.710 GHz	30.000 kHz	1.71000 GHz	-32.74 dBm	-19.74 dB
1.710 GHz	1.713 GHz	100.000 kHz	1.71252 GHz	6.88 dBm	-23.12 dB

Date: 7.JUN.2018 03:58:57

Highest Band Edge / Full RB



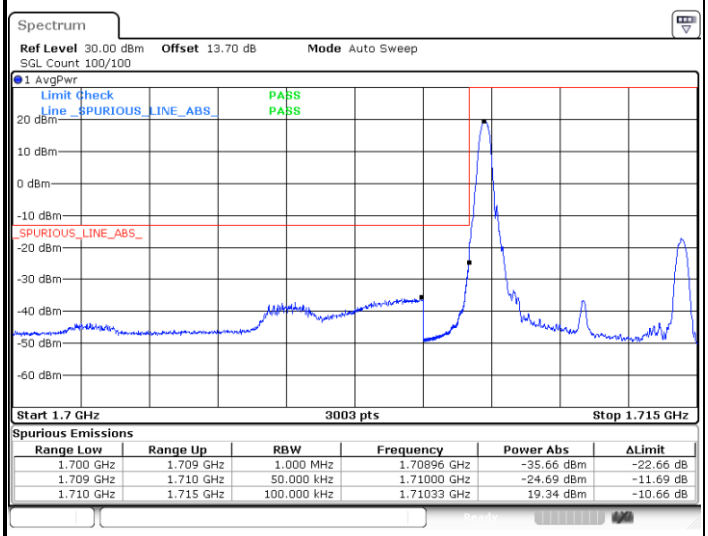
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.752 GHz	1.755 GHz	100.000 kHz	1.75243 GHz	6.62 dBm	-23.38 dB
1.755 GHz	1.756 GHz	30.000 kHz	1.75500 GHz	-31.70 dBm	-18.70 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75610 GHz	-27.59 dBm	-14.59 dB

Date: 7.JUN.2018 04:08:36

LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / 1 RB

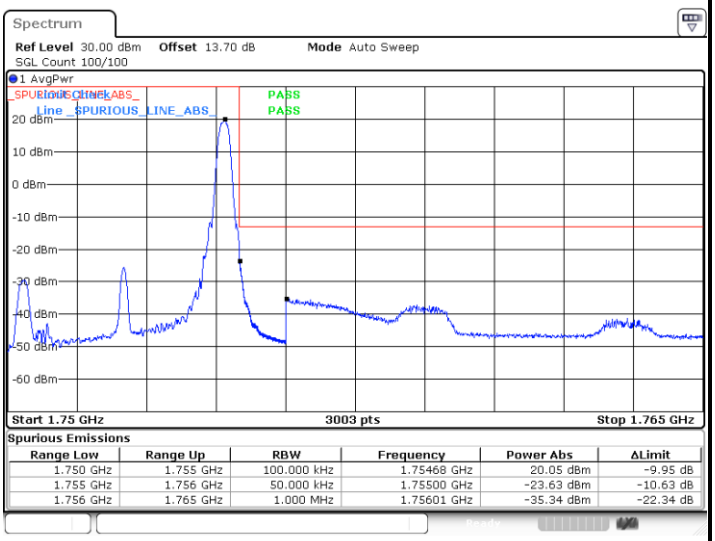


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70896 GHz	-35.66 dBm	-22.66 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-24.69 dBm	-11.69 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71033 GHz	19.34 dBm	-10.66 dB

Date: 7.JUN.2018 04:12:16

Highest Band Edge / 1 RB

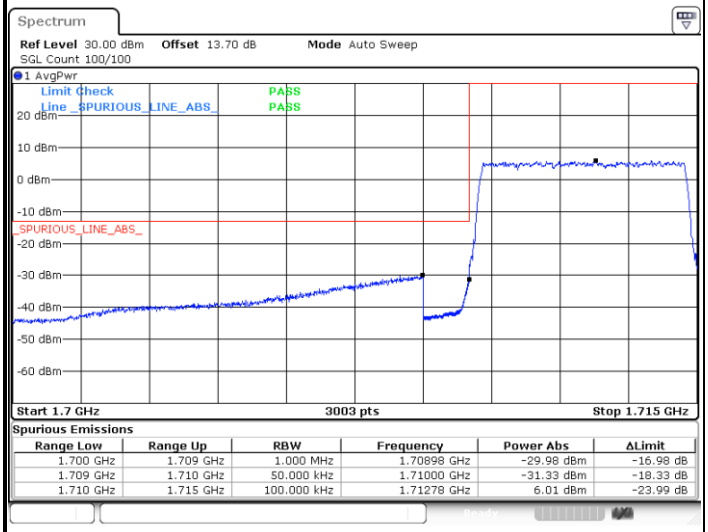


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75468 GHz	20.05 dBm	-9.95 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-23.63 dBm	-10.63 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75601 GHz	-35.34 dBm	-22.34 dB

Date: 7.JUN.2018 04:21:55

Lowest Band Edge / Full RB

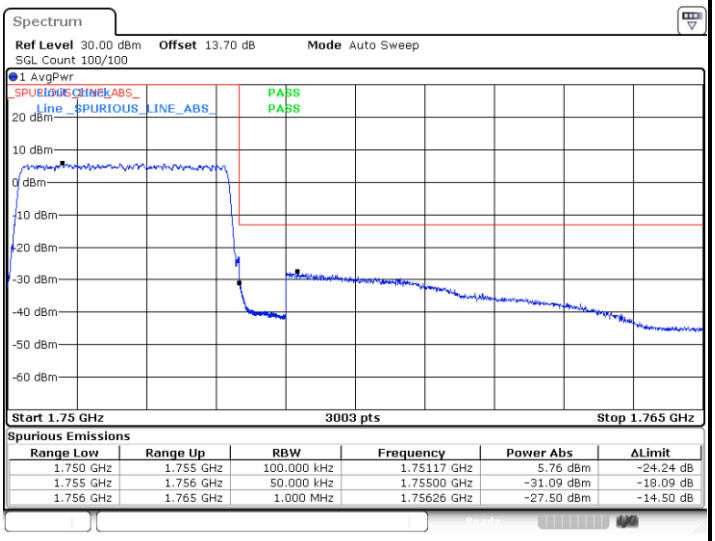


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-29.98 dBm	-16.98 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-31.33 dBm	-18.33 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71278 GHz	6.01 dBm	-23.99 dB

Date: 7.JUN.2018 04:14:34

Highest Band Edge / Full RB



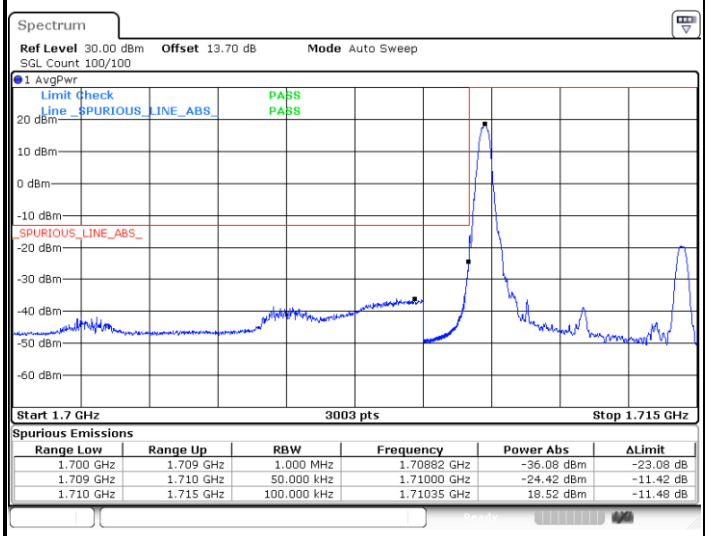
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75117 GHz	5.76 dBm	-24.24 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-31.09 dBm	-18.09 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75626 GHz	-27.50 dBm	-14.50 dB

Date: 7.JUN.2018 04:24:13

LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / 1RB

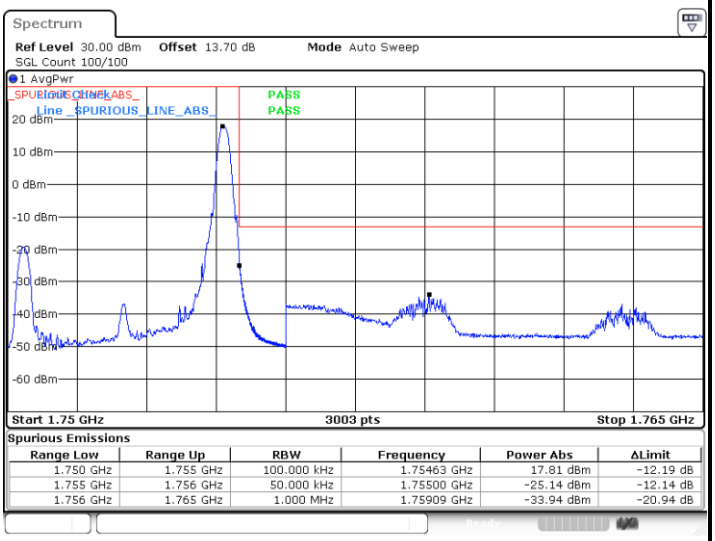


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70882 GHz	-36.08 dBm	-23.08 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-24.42 dBm	-11.42 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71035 GHz	18.52 dBm	-11.48 dB

Date: 7.JUN.2018 04:13:25

Highest Band Edge / 1 RB

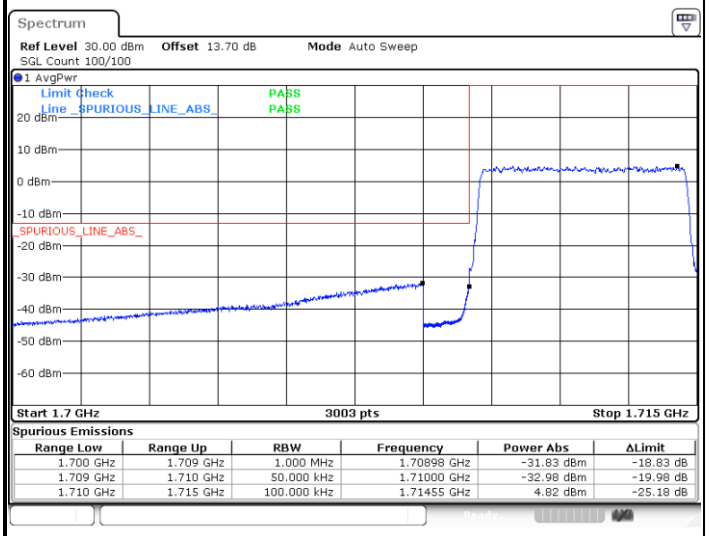


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75463 GHz	17.81 dBm	-12.19 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-25.14 dBm	-12.14 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75909 GHz	-33.94 dBm	-20.94 dB

Date: 7.JUN.2018 04:23:04

Lowest Band Edge / Full RB

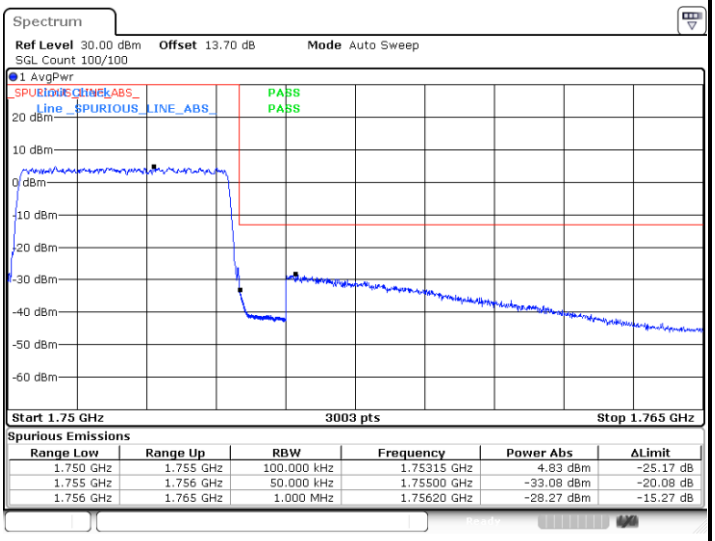


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-31.83 dBm	-18.83 dB
1.709 GHz	1.710 GHz	50.000 kHz	1.71000 GHz	-32.98 dBm	-19.98 dB
1.710 GHz	1.715 GHz	100.000 kHz	1.71455 GHz	4.82 dBm	-25.18 dB

Date: 7.JUN.2018 04:15:43

Highest Band Edge / Full RB



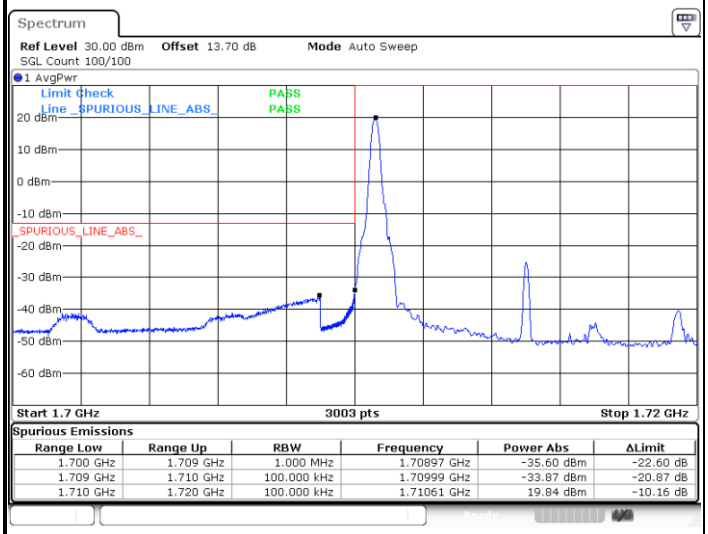
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.750 GHz	1.755 GHz	100.000 kHz	1.75315 GHz	4.83 dBm	-25.17 dB
1.755 GHz	1.756 GHz	50.000 kHz	1.75500 GHz	-33.08 dBm	-20.08 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75620 GHz	-28.27 dBm	-15.27 dB

Date: 7.JUN.2018 04:25:22

LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / 1 RB

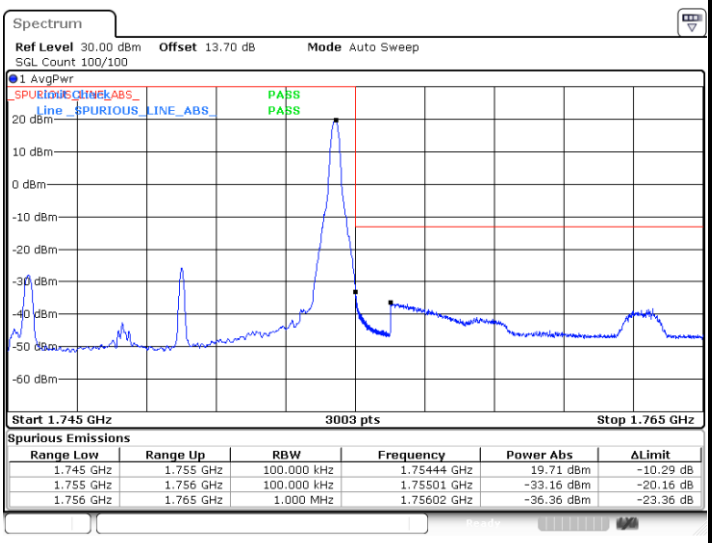


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-35.60 dBm	-22.60 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-33.87 dBm	-20.87 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71061 GHz	19.84 dBm	-10.16 dB

Date: 7.JUN.2018 04:29:02

Highest Band Edge / 1 RB

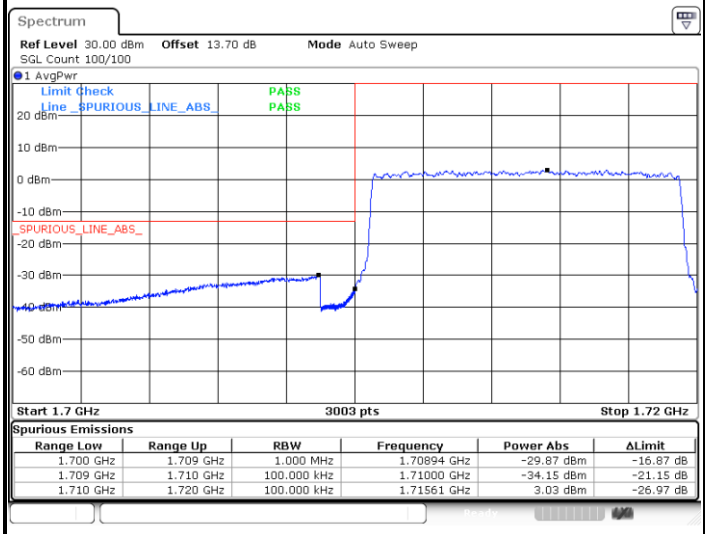


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75444 GHz	19.71 dBm	-10.29 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-33.16 dBm	-20.16 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-36.36 dBm	-23.36 dB

Date: 7.JUN.2018 04:38:41

Lowest Band Edge / Full RB

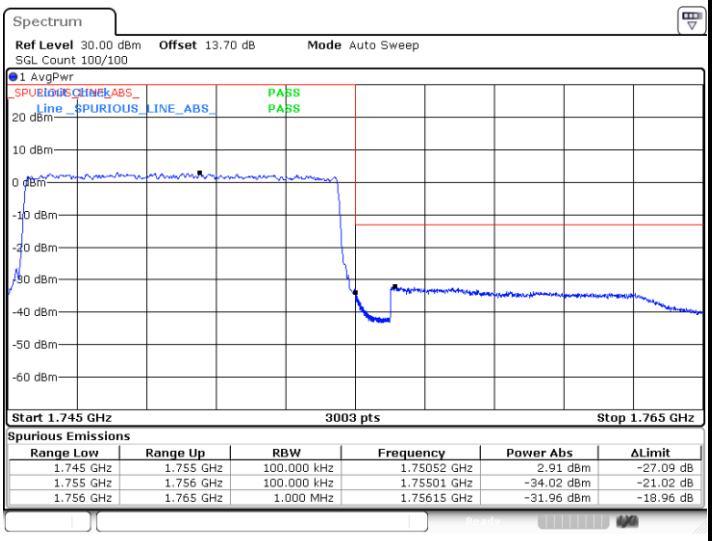


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70894 GHz	-29.87 dBm	-16.87 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-34.15 dBm	-21.15 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71561 GHz	3.03 dBm	-26.97 dB

Date: 7.JUN.2018 04:31:20

Highest Band Edge / Full RB



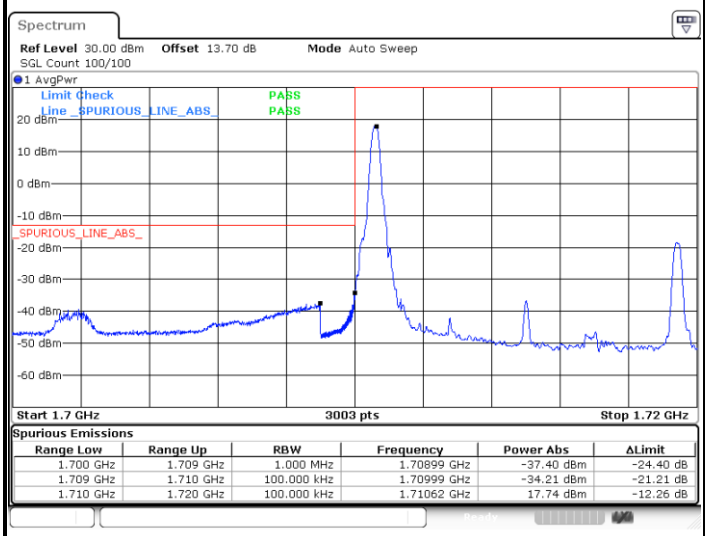
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75052 GHz	2.91 dBm	-27.09 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75501 GHz	-34.02 dBm	-21.02 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75615 GHz	-31.96 dBm	-18.96 dB

Date: 7.JUN.2018 04:40:59

LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

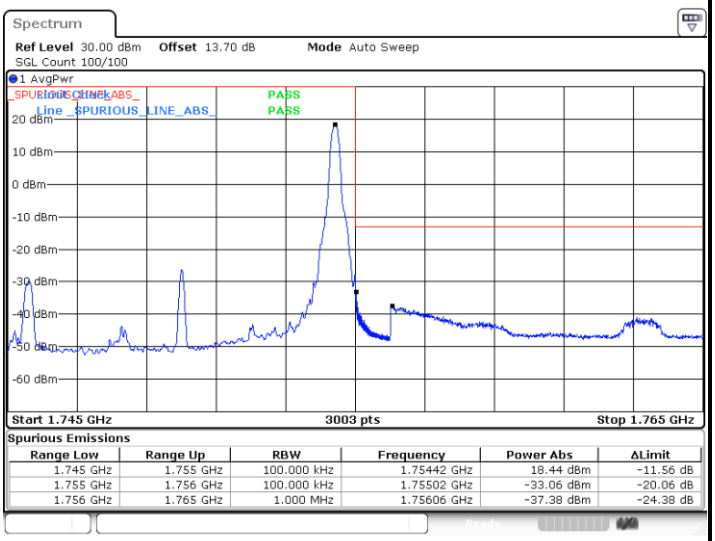


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-37.40 dBm	-24.40 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-34.21 dBm	-21.21 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71062 GHz	17.74 dBm	-12.26 dB

Date: 7.JUN.2018 04:30:11

Highest Band Edge / 1 RB

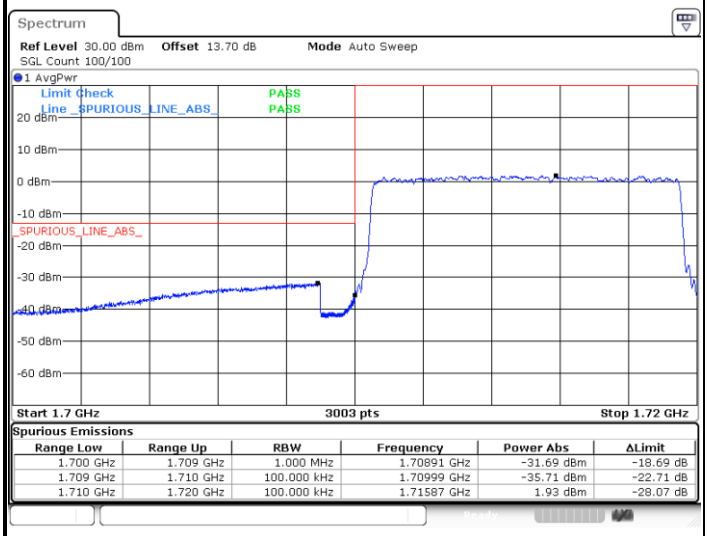


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75442 GHz	18.44 dBm	-11.56 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75502 GHz	-33.06 dBm	-20.06 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75606 GHz	-37.38 dBm	-24.38 dB

Date: 7.JUN.2018 04:39:50

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70891 GHz	-31.69 dBm	-18.69 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-35.71 dBm	-22.71 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71587 GHz	1.93 dBm	-28.07 dB

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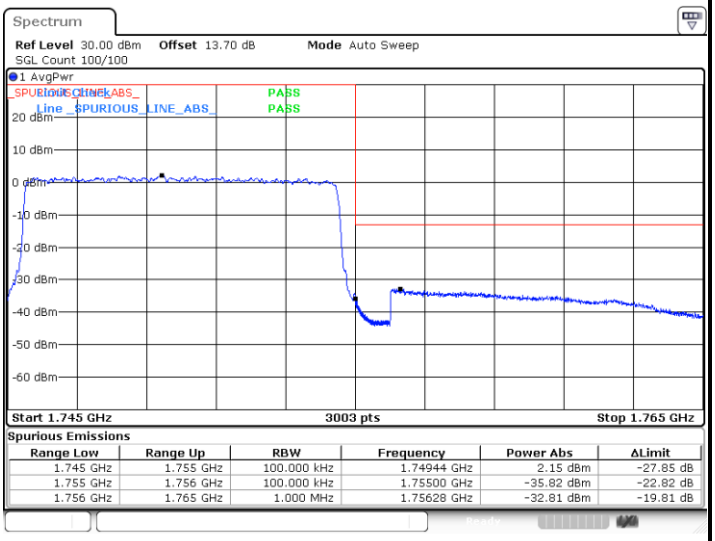
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.74944 GHz	2.15 dBm	-27.85 dB
1.755 GHz	1.756 GHz	100.000 kHz	1.75500 GHz	-35.82 dBm	-22.82 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75628 GHz	-32.81 dBm	-19.81 dB

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