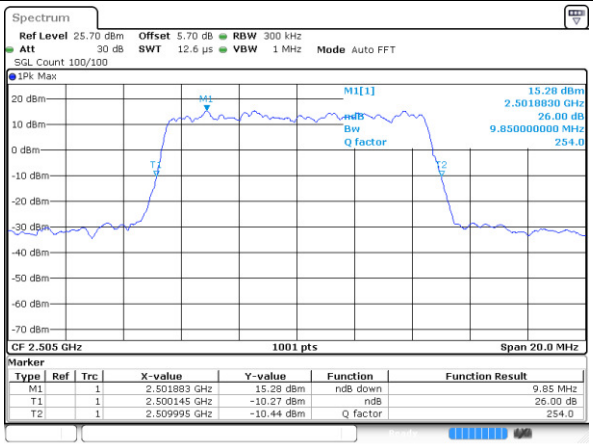
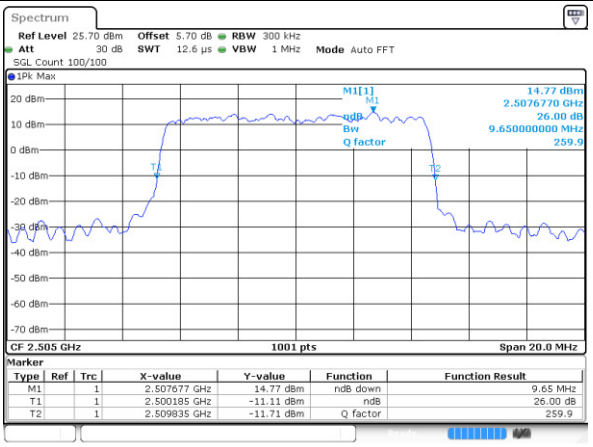
LTE Band 7

Lowest Channel / 10MHz / QPSK



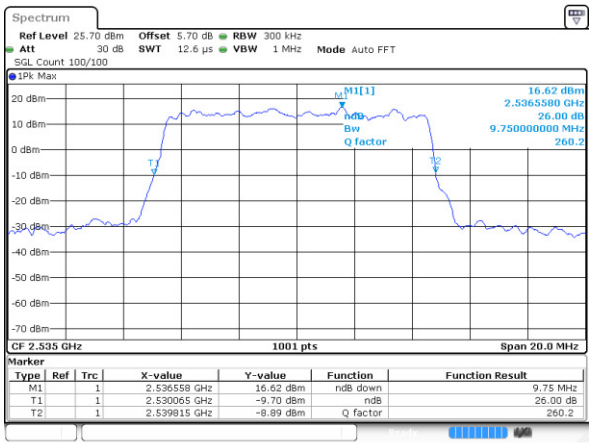
Date: 10.JAN.2018 09:57:26

Lowest Channel / 10MHz / 16QAM



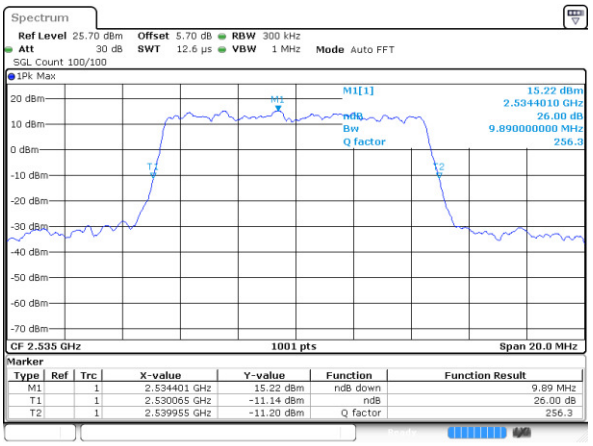
Date: 10.JAN.2018 09:57:47

Middle Channel / 10MHz / QPSK



Date: 10.JAN.2018 10:06:41

Middle Channel / 10MHz / 16QAM



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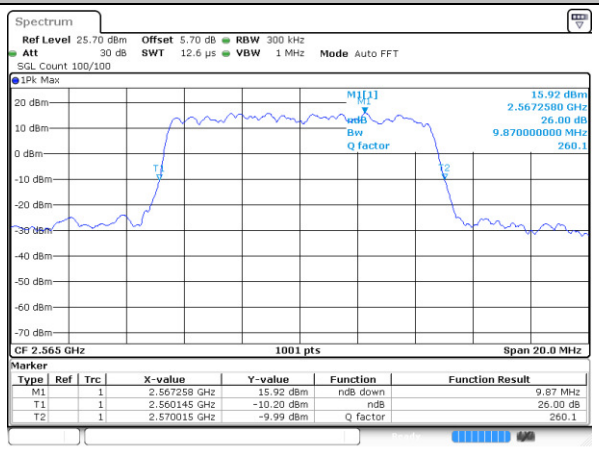
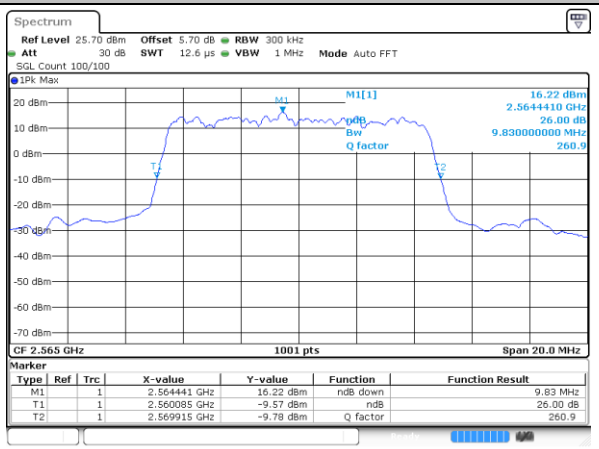
Highest Channel / 10MHz / QPSK



Date: 10.JAN.2018 10:07:03

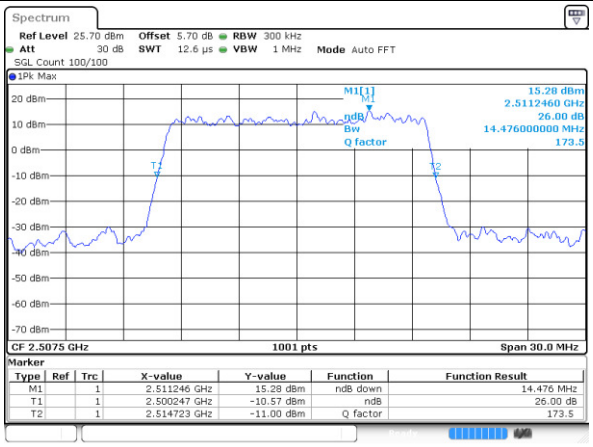
Highest Channel / 10MHz / 16QAM



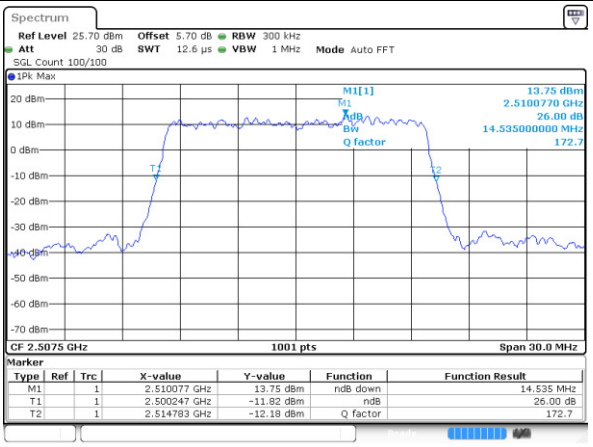
Date: 10.JAN.2018 10:07:24

LTE Band 7

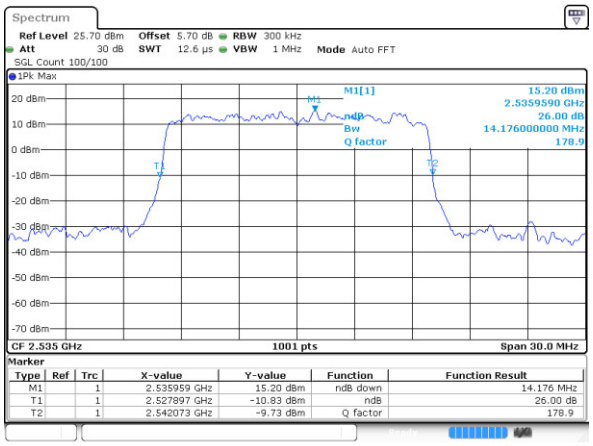
Lowest Channel / 15MHz / QPSK



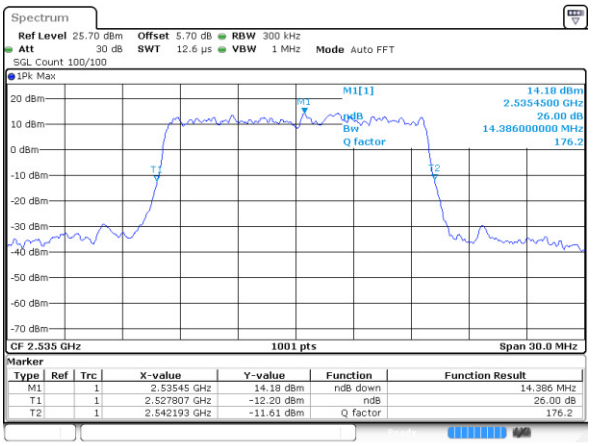
Lowest Channel / 15MHz / 16QAM



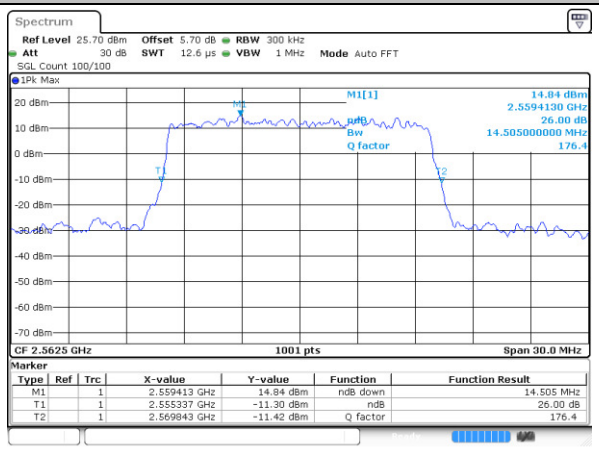
Middle Channel / 15MHz / QPSK



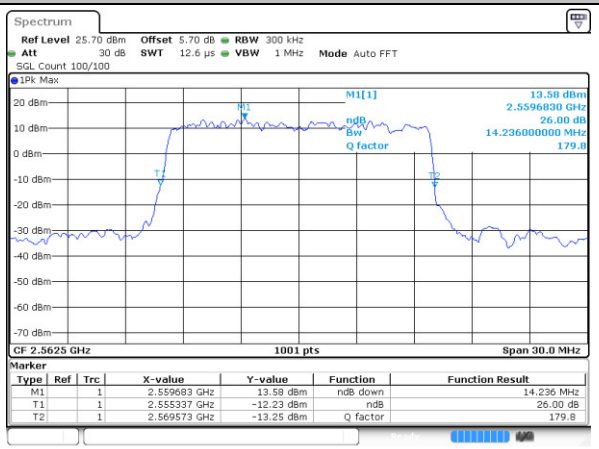
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

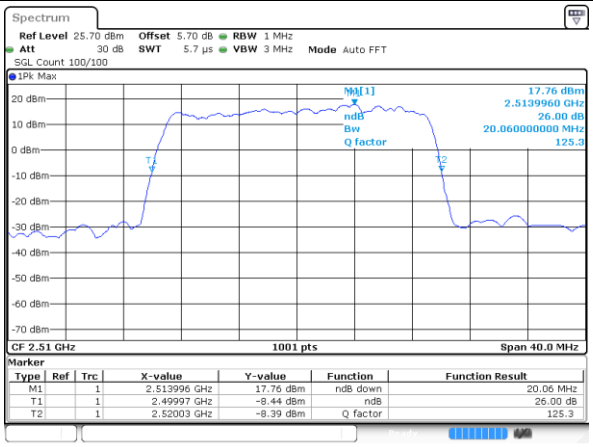


Highest Channel / 15MHz / 16QAM



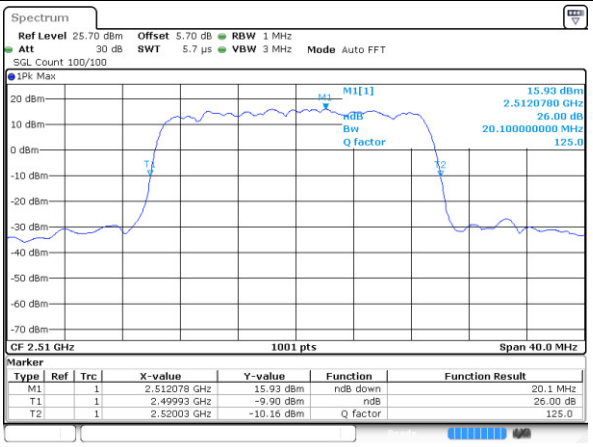
LTE Band 7

Lowest Channel / 20MHz / QPSK



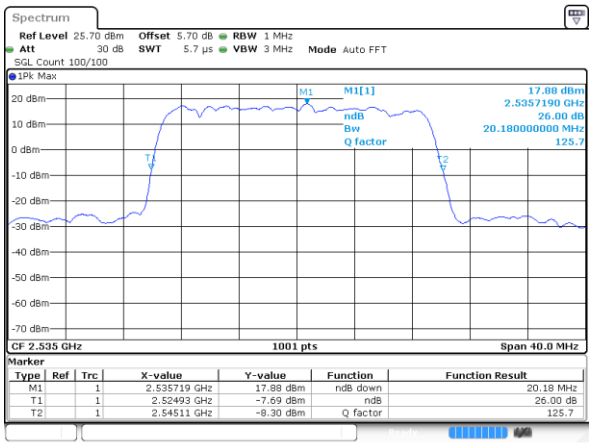
Date: 10.JAN.2018 10:30:50

Lowest Channel / 20MHz / 16QAM



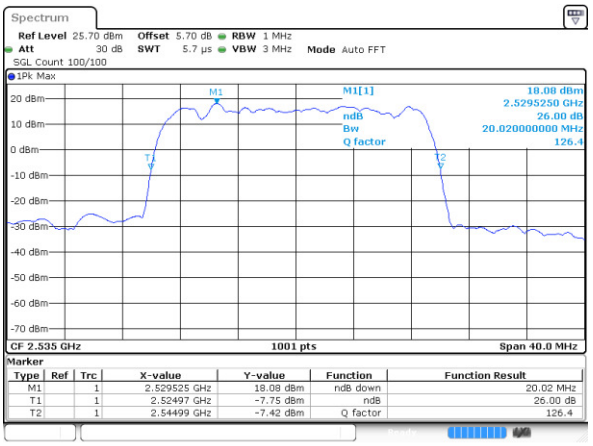
Date: 10.JAN.2018 10:31:11

Middle Channel / 20MHz / QPSK



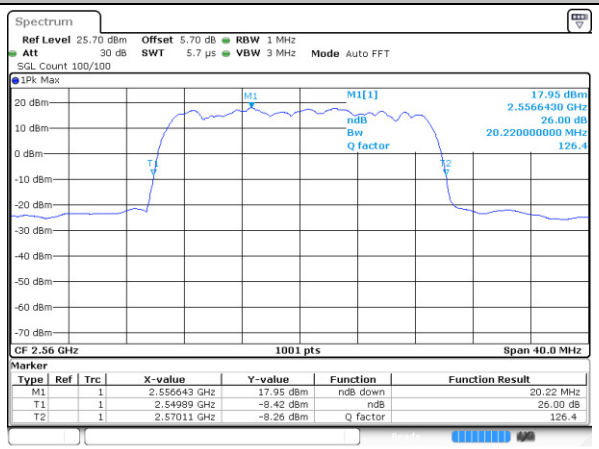
Date: 10.JAN.2018 10:40:05

Middle Channel / 20MHz / 16QAM



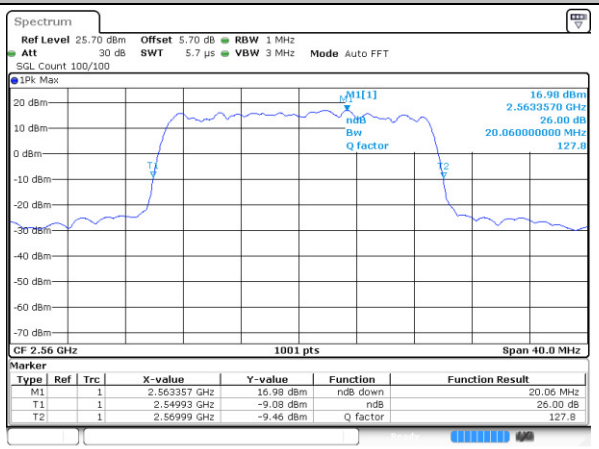
Date: 10.JAN.2018 10:39:44

Highest Channel / 20MHz / QPSK



Date: 10.JAN.2018 10:40:26

Highest Channel / 20MHz / 16QAM



Date: 10.JAN.2018 10:40:48

Occupied Bandwidth

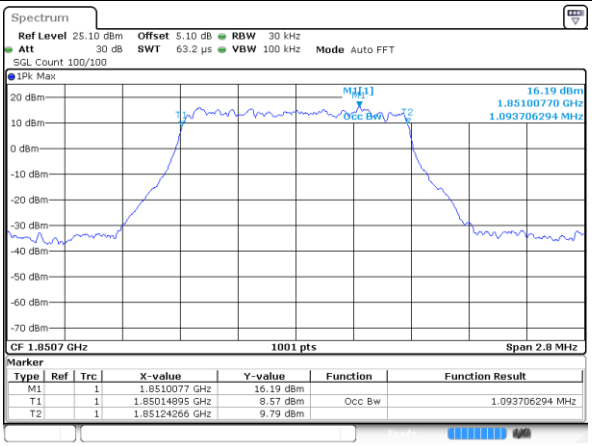
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.72	4.50	4.50	9.03	9.05	13.34	13.40	18.30	18.14
Middle CH	1.09	1.10	2.71	2.73	4.49	4.50	9.03	8.91	13.43	13.37	18.22	18.30
Highest CH	1.09	1.10	2.73	2.70	4.50	4.51	8.95	9.01	13.40	13.40	18.42	18.22

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.70	4.51	4.49	8.99	9.01	-	-	-	-
Middle CH	1.09	1.09	2.71	2.72	4.49	4.48	8.97	9.01	-	-	-	-
Highest CH	1.09	1.09	2.72	2.69	4.48	4.51	8.97	9.01	-	-	-	-

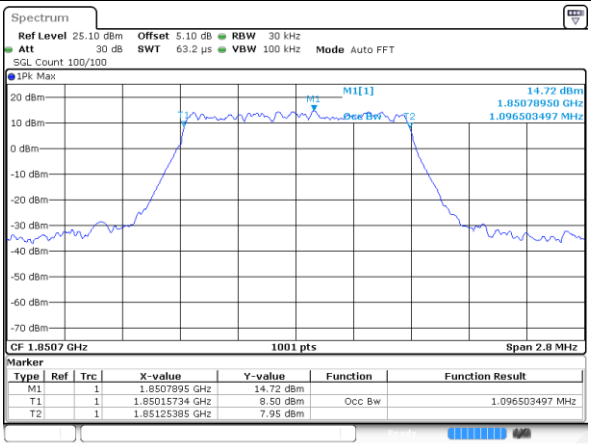
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.49	9.01	8.97	13.40	13.46	18.38	18.46
Middle CH	-	-	-	-	4.48	4.49	8.97	8.97	13.43	13.46	18.18	18.10
Highest CH	-	-	-	-	4.49	4.47	8.99	8.97	13.43	13.46	18.30	18.26

LTE Band 2

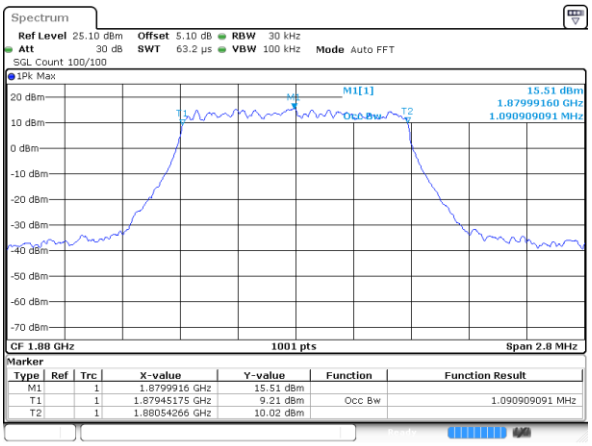
Lowest Channel / 1.4MHz / QPSK



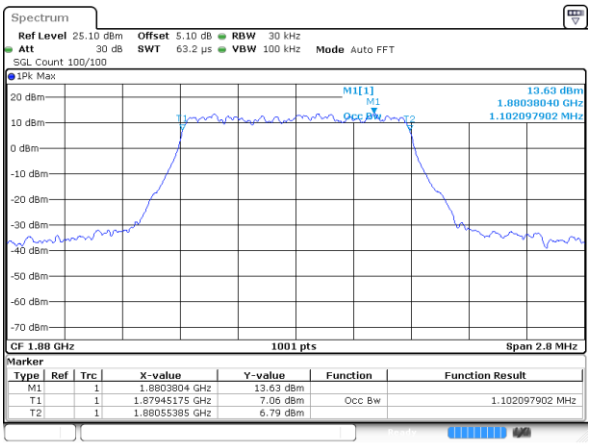
Lowest Channel / 1.4MHz / 16QAM



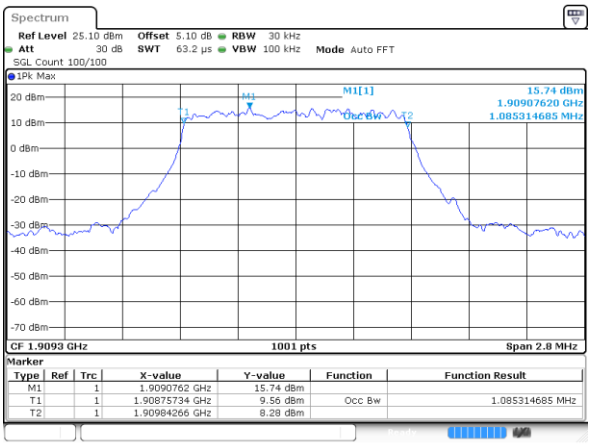
Middle Channel / 1.4MHz / QPSK



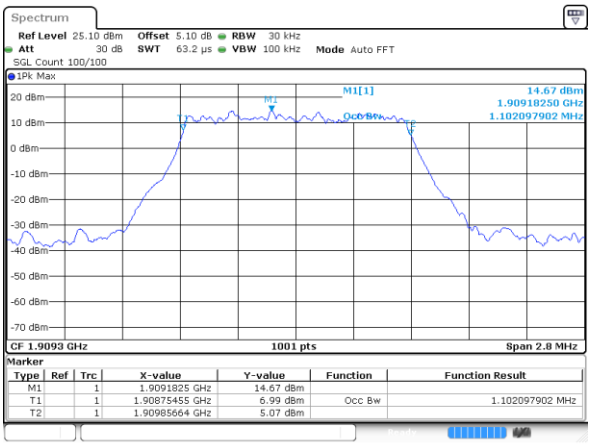
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

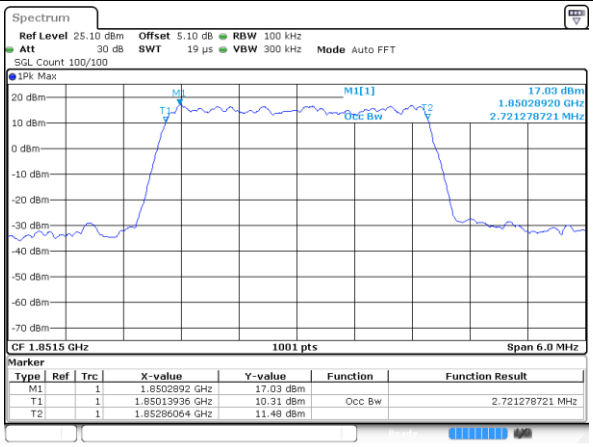


Highest Channel / 1.4MHz / 16QAM

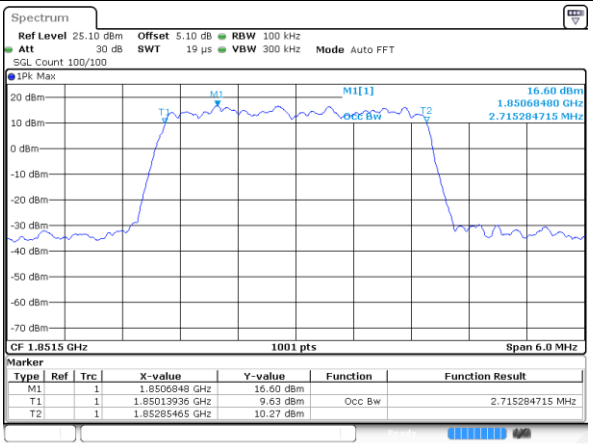


LTE Band 2

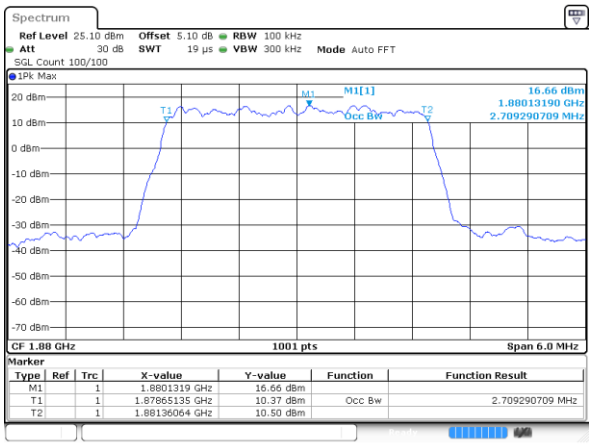
Lowest Channel / 3MHz / QPSK



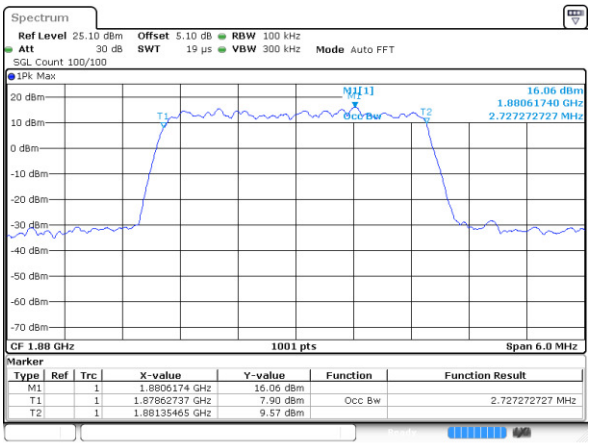
Lowest Channel / 3MHz / 16QAM



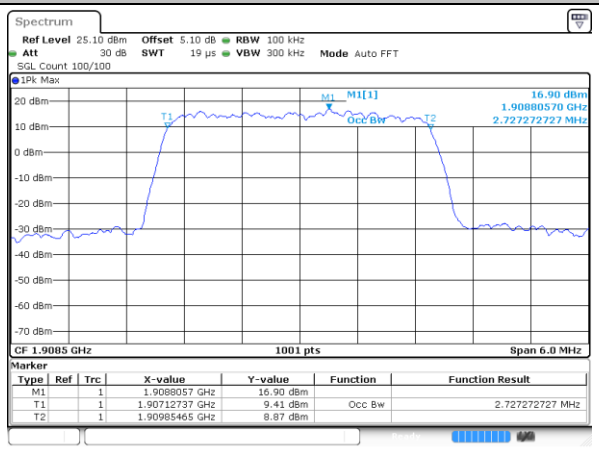
Middle Channel / 3MHz / QPSK



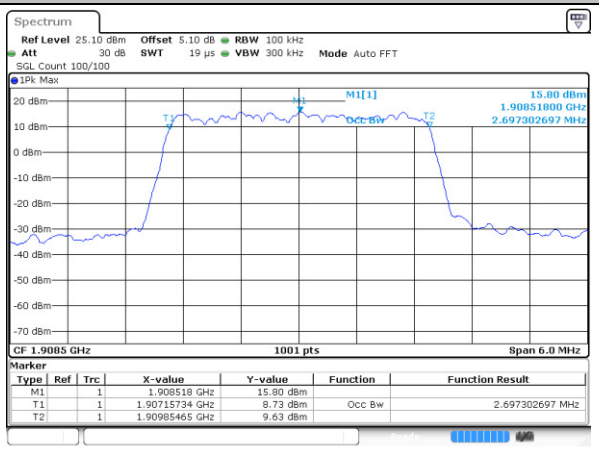
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

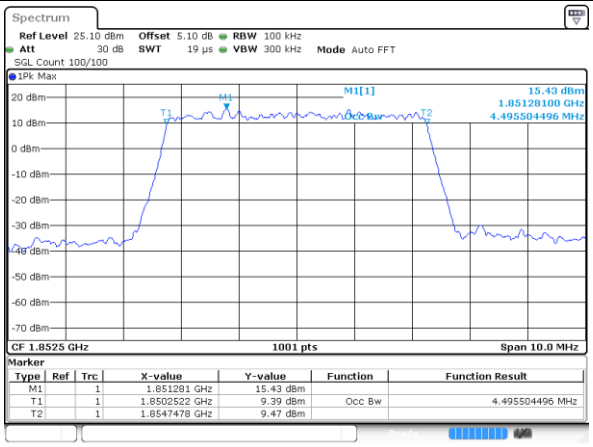


Highest Channel / 3MHz / 16QAM

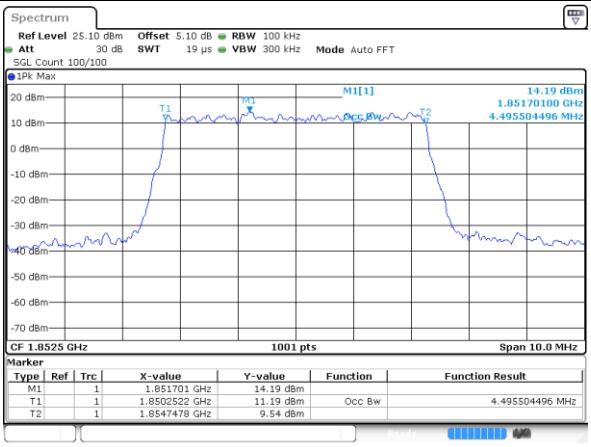


LTE Band 2

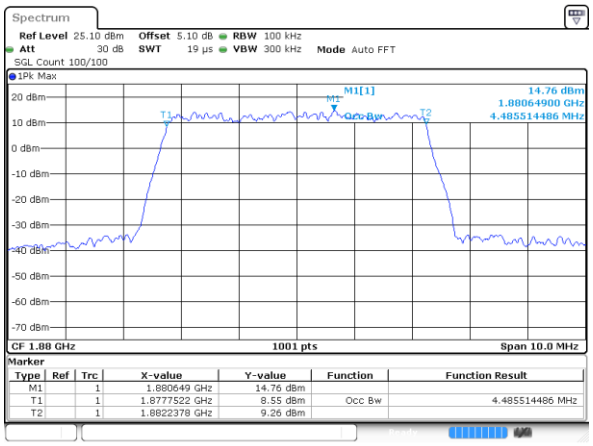
Lowest Channel / 5MHz / QPSK



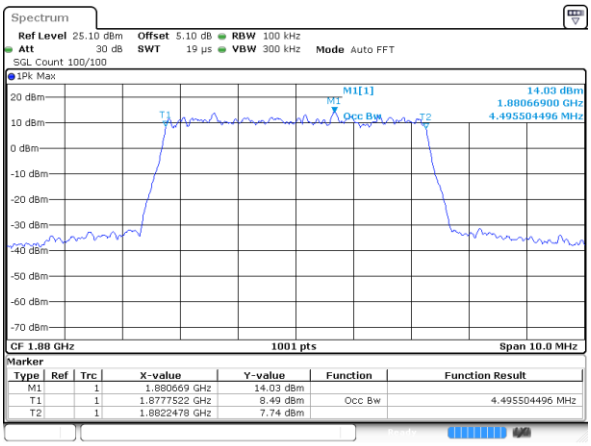
Lowest Channel / 5MHz / 16QAM



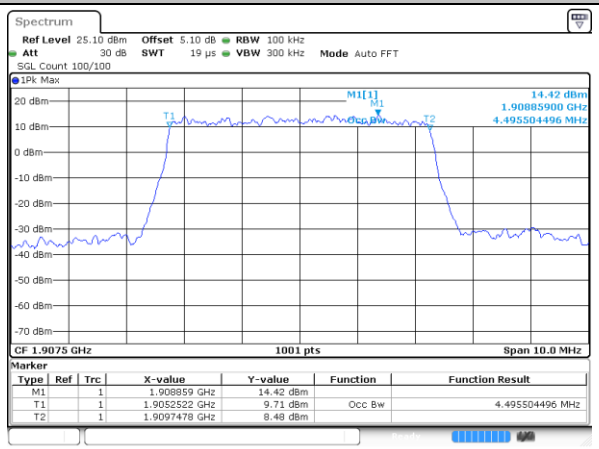
Middle Channel / 5MHz / QPSK



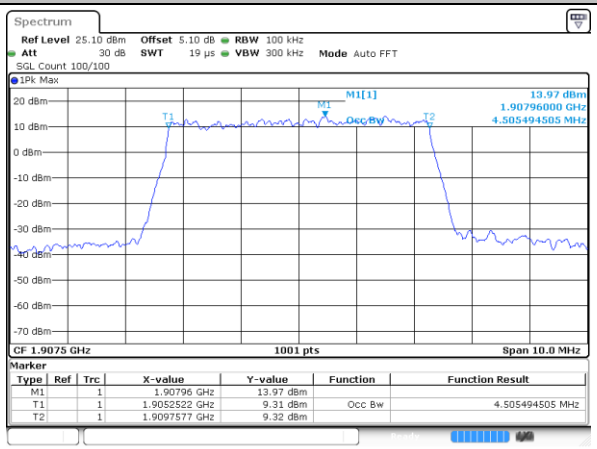
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

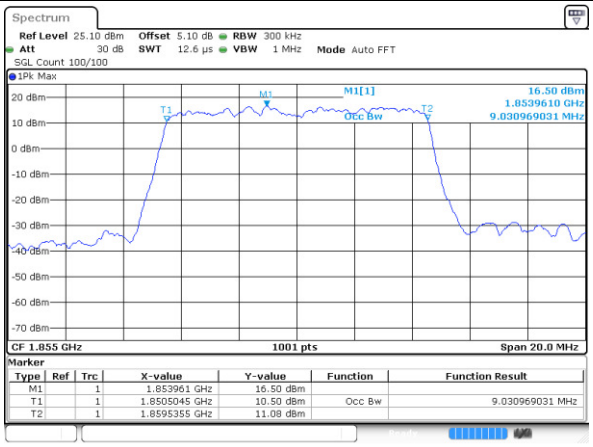


Highest Channel / 5MHz / 16QAM

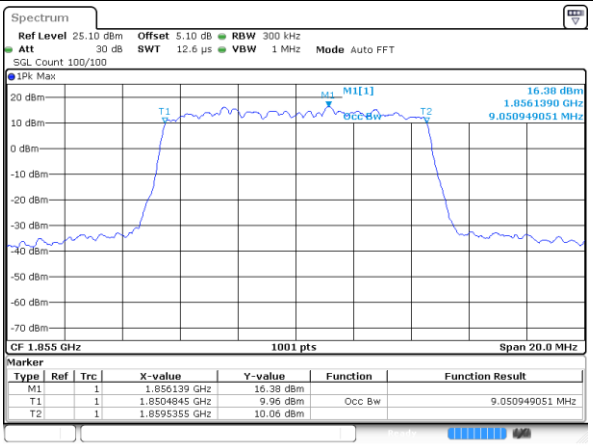


LTE Band 2

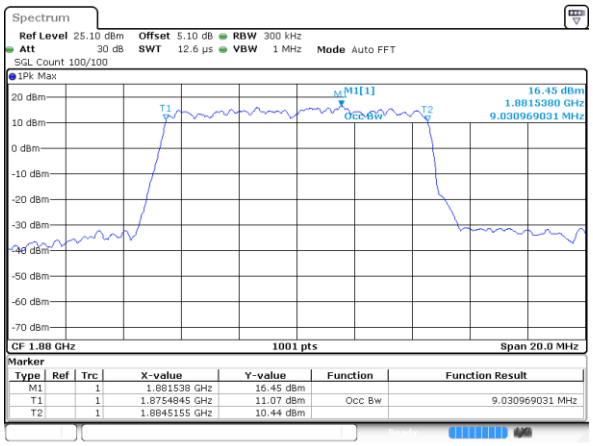
Lowest Channel / 10MHz / QPSK



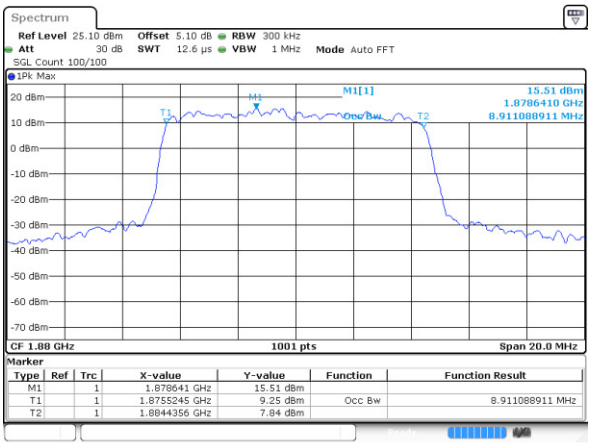
Lowest Channel / 10MHz / 16QAM



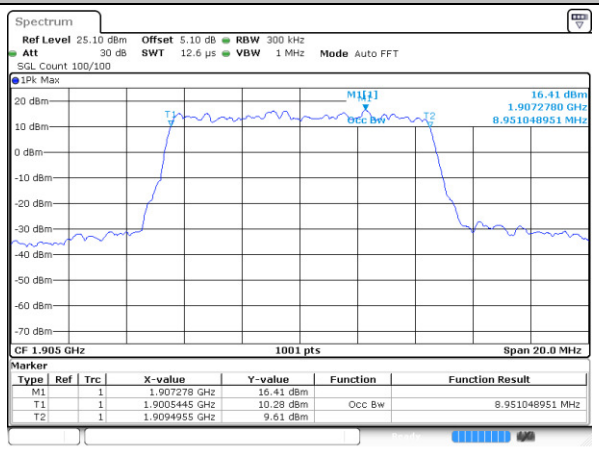
Middle Channel / 10MHz / QPSK



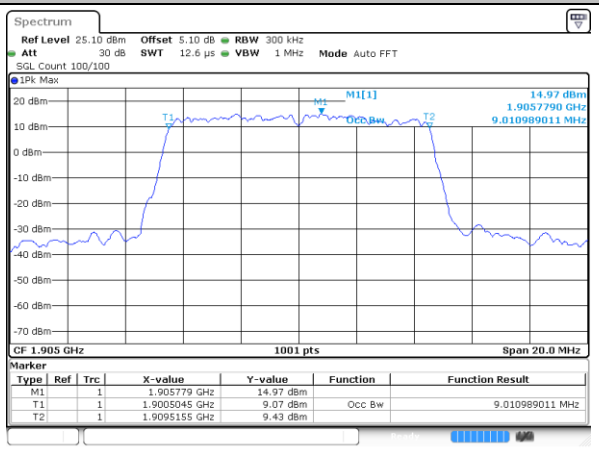
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

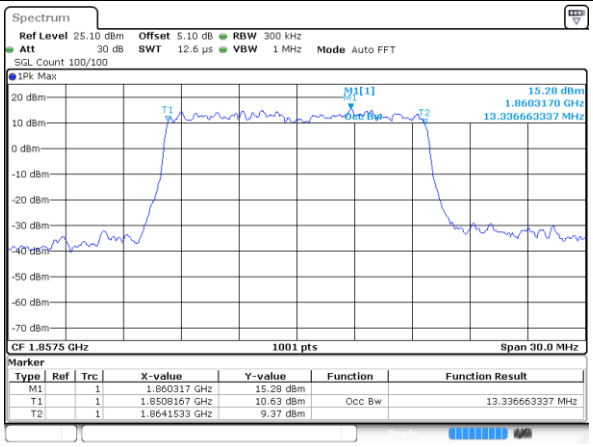


Highest Channel / 10MHz / 16QAM

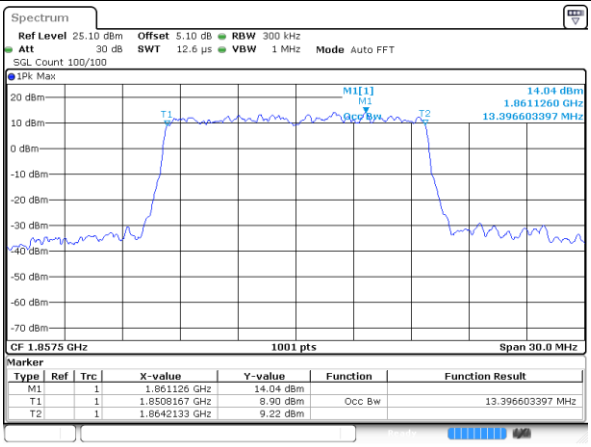


LTE Band 2

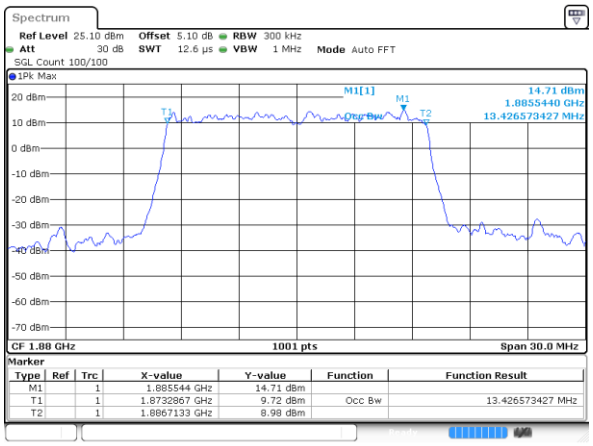
Lowest Channel / 15MHz / QPSK



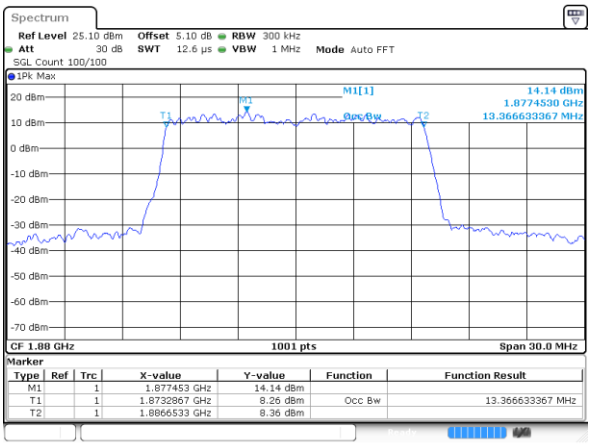
Lowest Channel / 15MHz / 16QAM



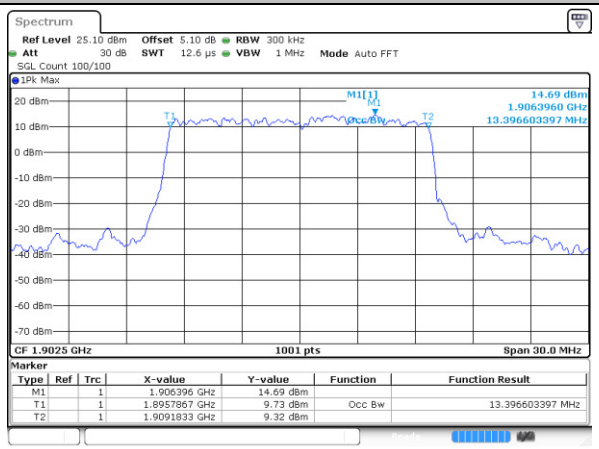
Middle Channel / 15MHz / QPSK



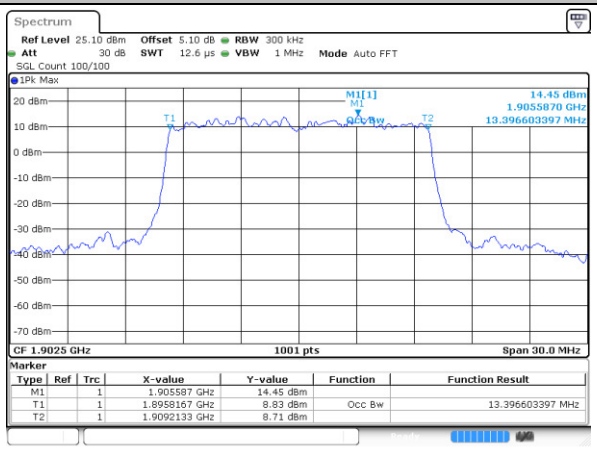
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

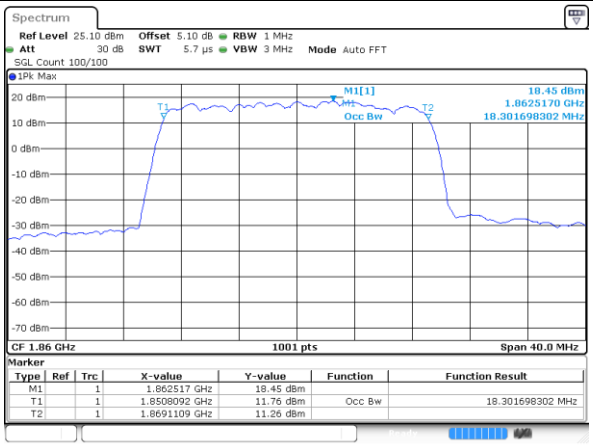


Highest Channel / 15MHz / 16QAM



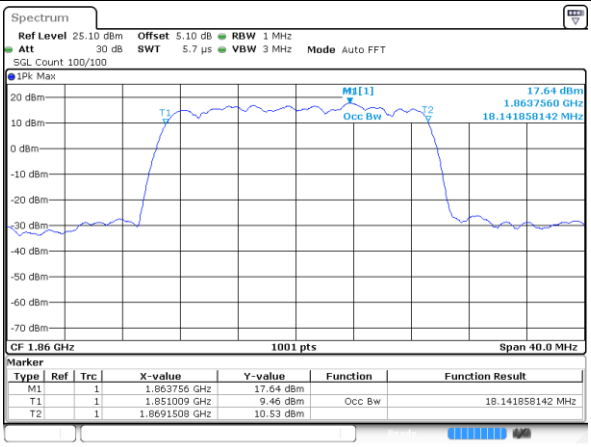
LTE Band 2

Lowest Channel / 20MHz / QPSK



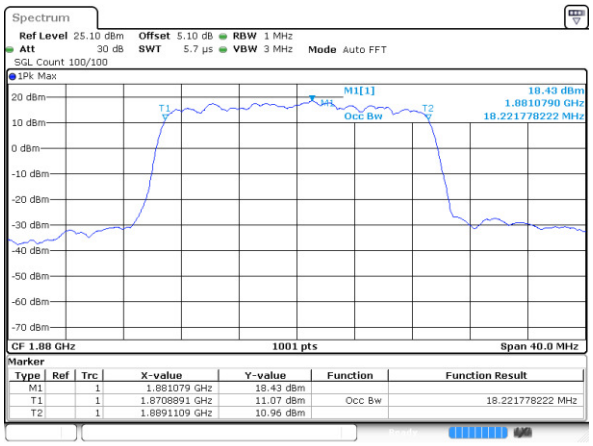
Date: 5.JAN.2018 10:51:50

Lowest Channel / 20MHz / 16QAM



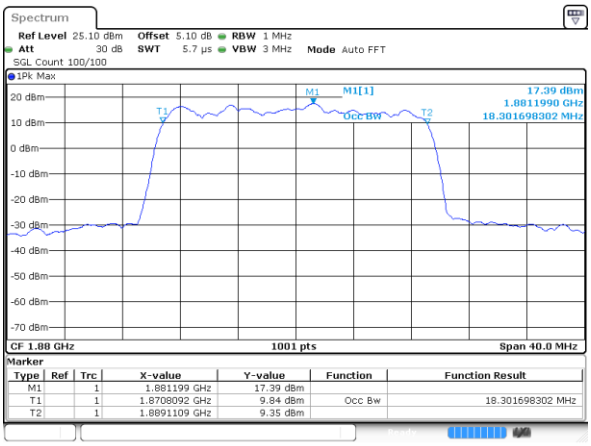
Date: 5.JAN.2018 10:51:59

Middle Channel / 20MHz / QPSK



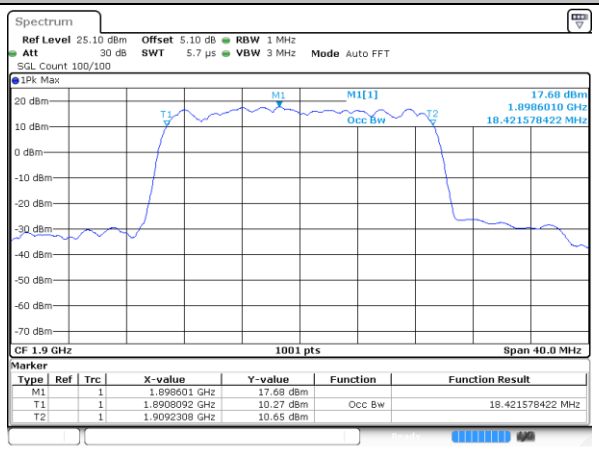
Date: 5.JAN.2018 10:58:47

Middle Channel / 20MHz / 16QAM



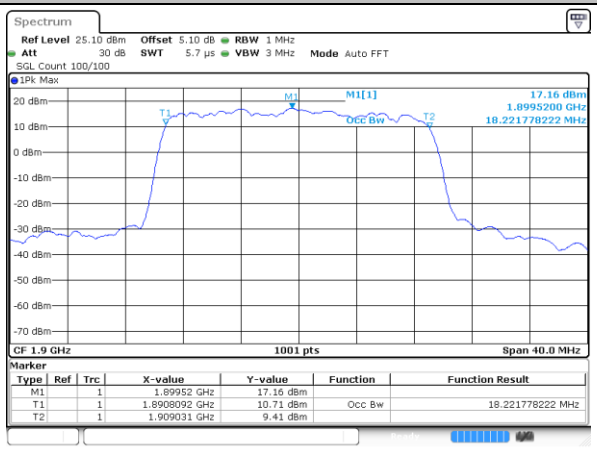
Date: 5.JAN.2018 10:58:57

Highest Channel / 20MHz / QPSK



Date: 5.JAN.2018 11:01:16

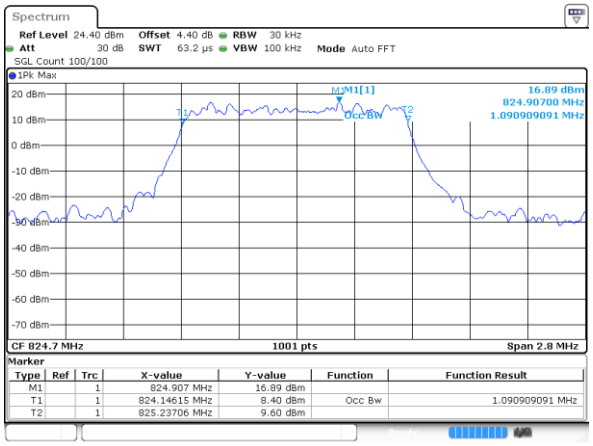
Highest Channel / 20MHz / 16QAM



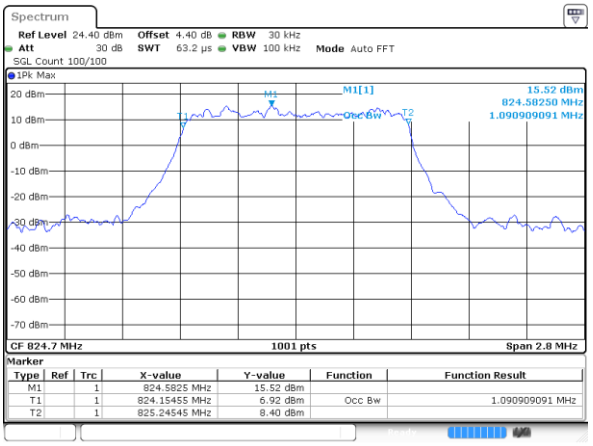
Date: 5.JAN.2018 11:01:26

LTE Band 5

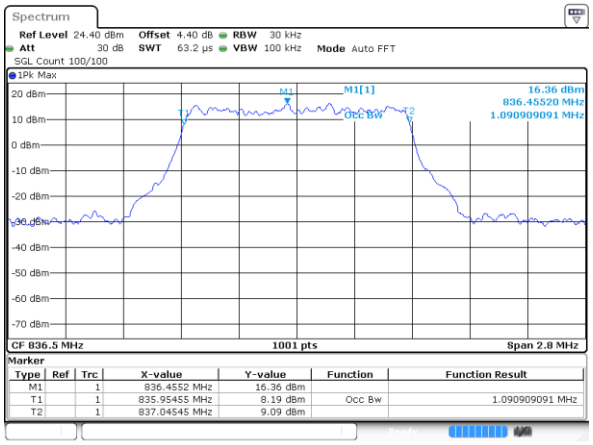
Lowest Channel / 1.4MHz / QPSK



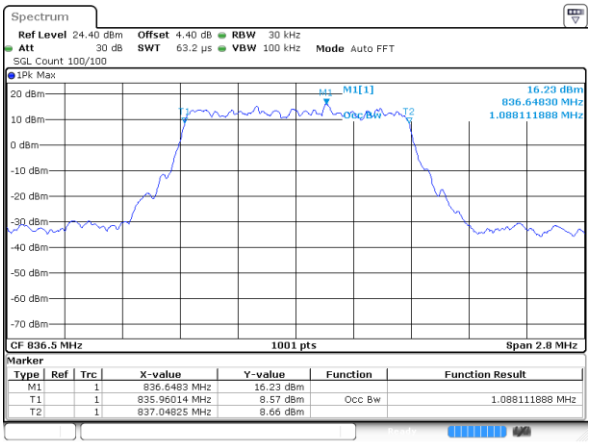
Lowest Channel / 1.4MHz / 16QAM



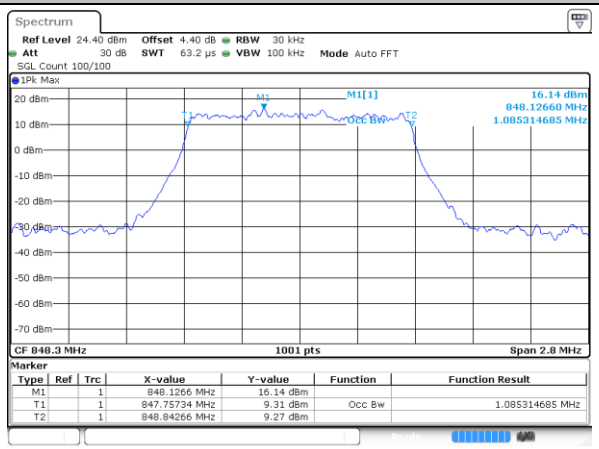
Middle Channel / 1.4MHz / QPSK



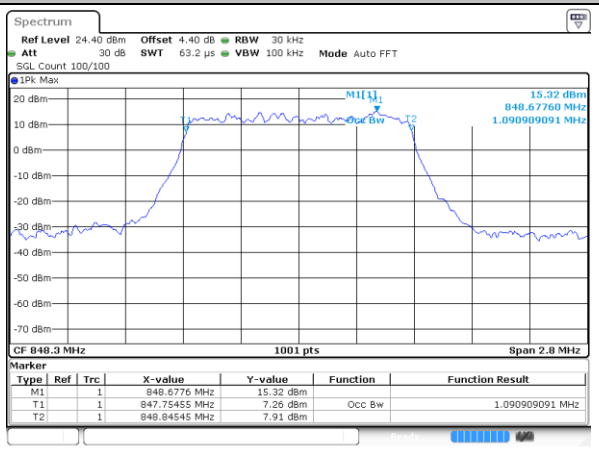
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

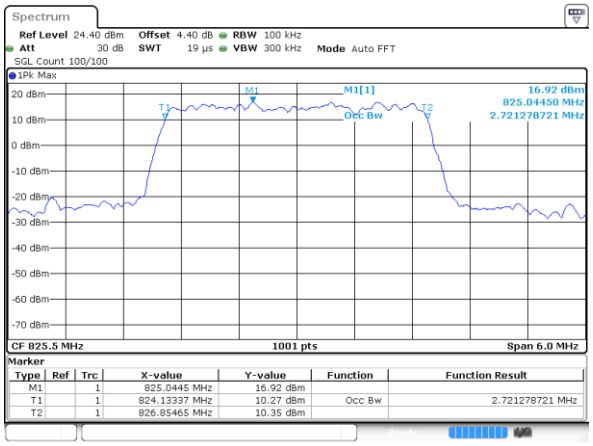


Highest Channel / 1.4MHz / 16QAM

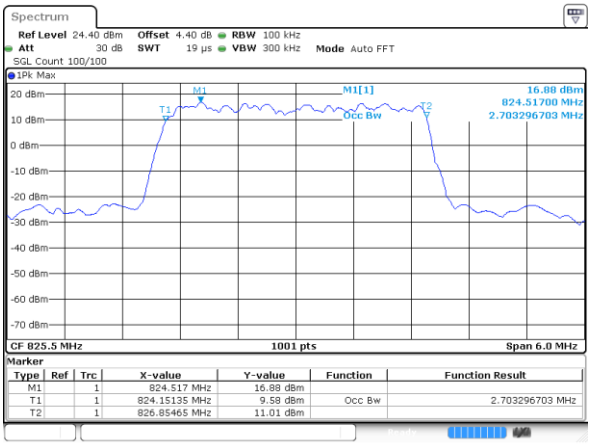


LTE Band 5

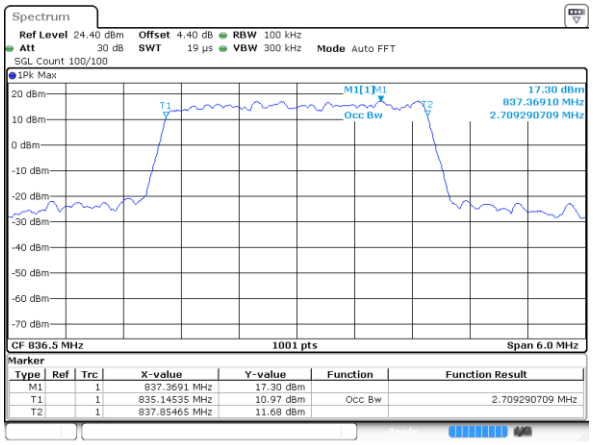
Lowest Channel / 3MHz / QPSK



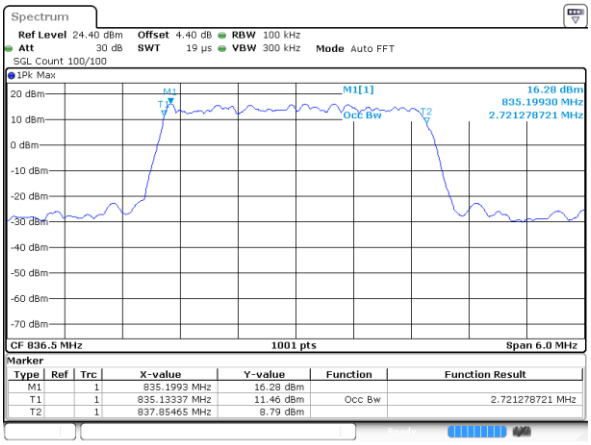
Lowest Channel / 3MHz / 16QAM



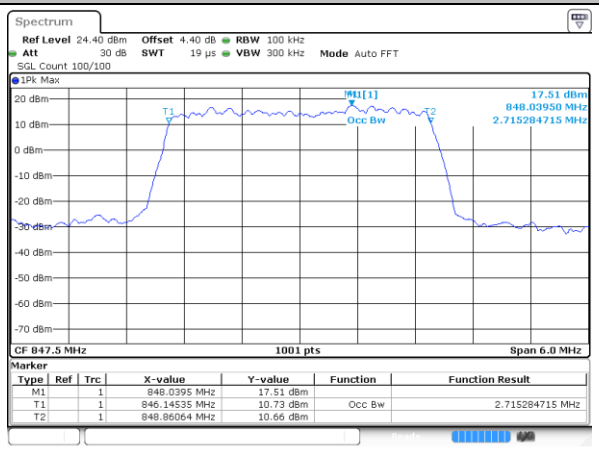
Middle Channel / 3MHz / QPSK



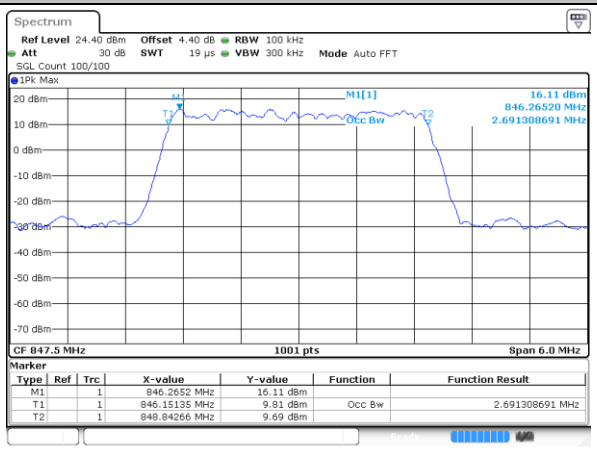
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

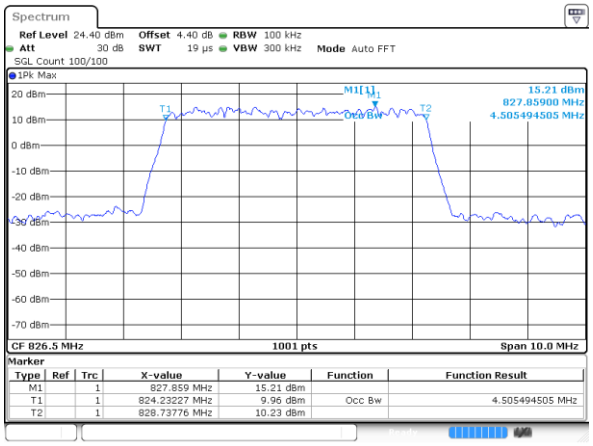


Highest Channel / 3MHz / 16QAM

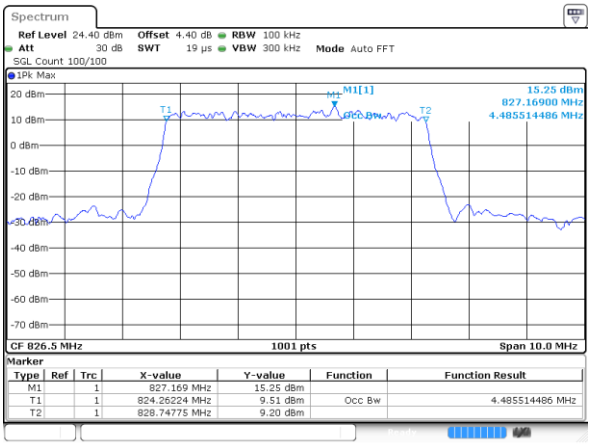


LTE Band 5

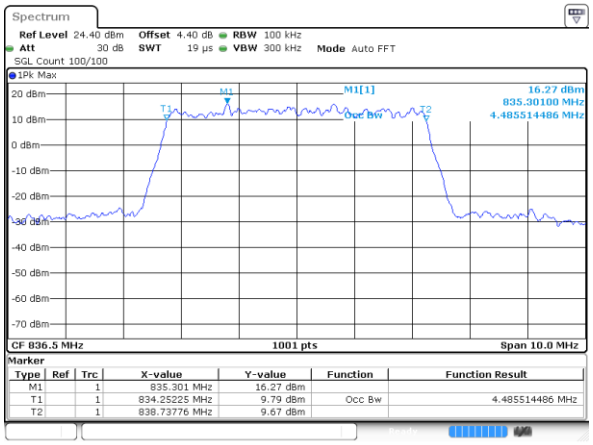
Lowest Channel / 5MHz / QPSK



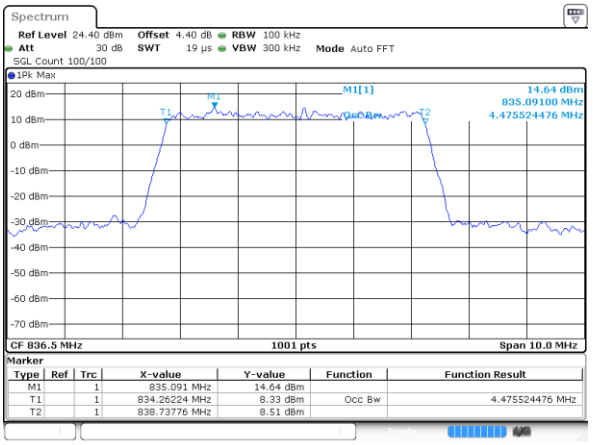
Lowest Channel / 5MHz / 16QAM



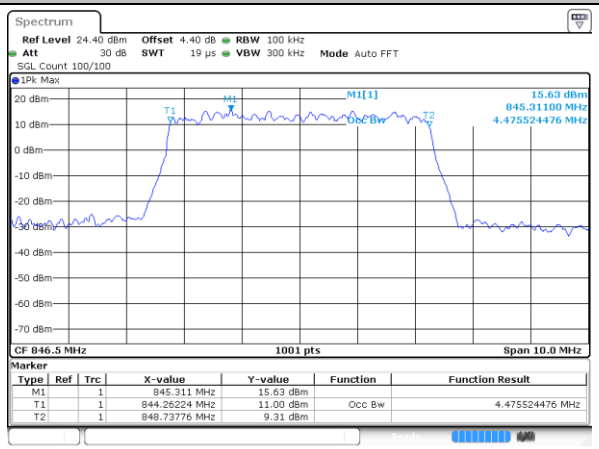
Middle Channel / 5MHz / QPSK



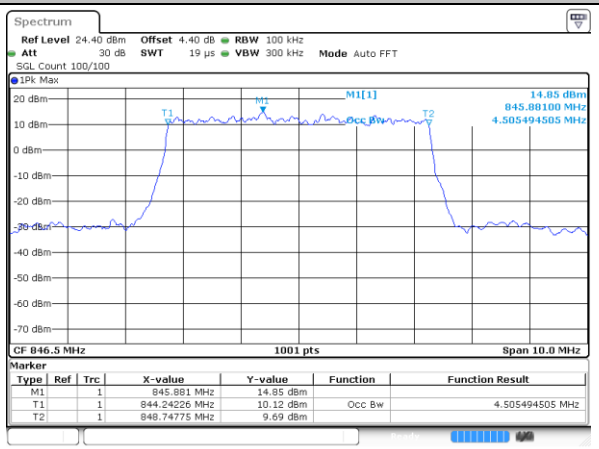
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

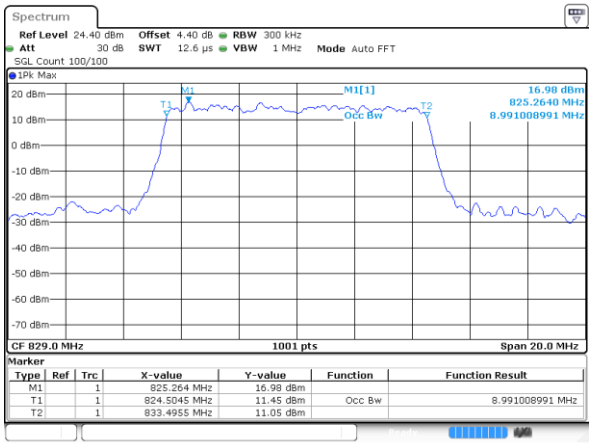


Highest Channel / 5MHz / 16QAM



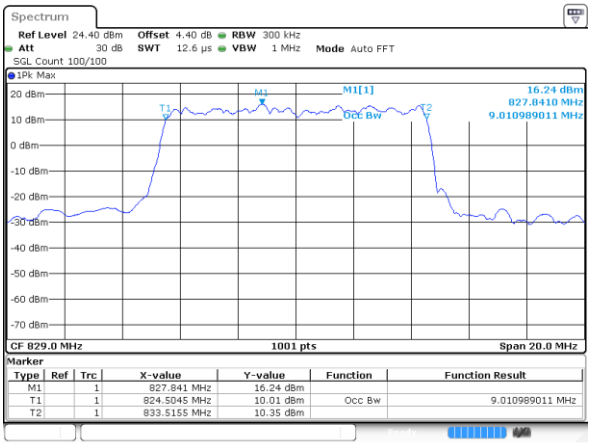
LTE Band 5

Lowest Channel / 10MHz / QPSK



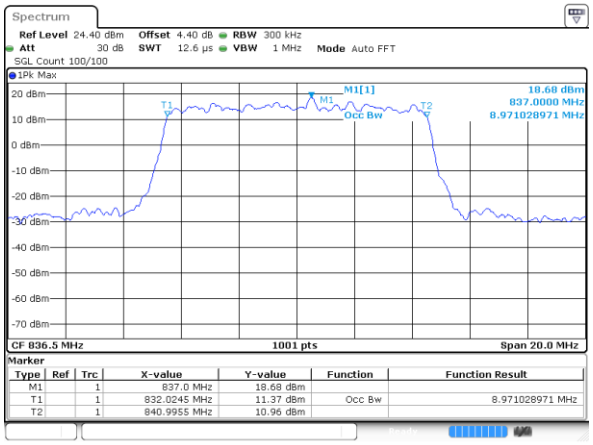
Date: 4.JAN.2018 16:32:33

Lowest Channel / 10MHz / 16QAM



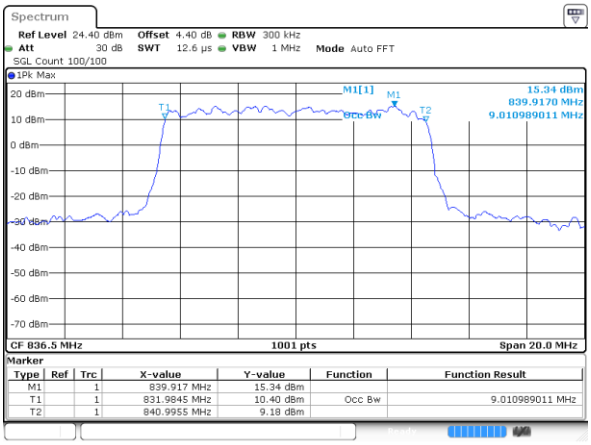
Date: 4.JAN.2018 16:32:58

Middle Channel / 10MHz / QPSK



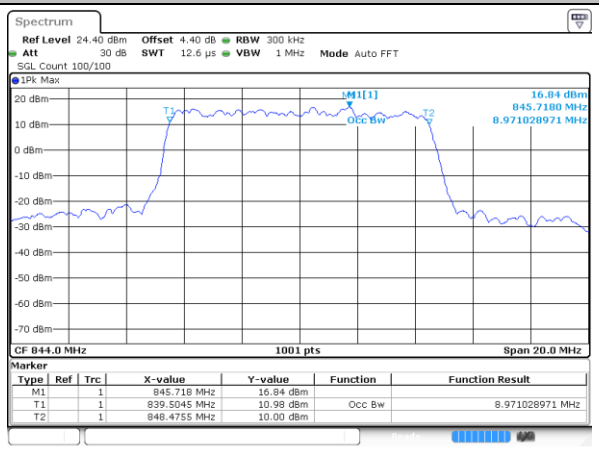
Date: 4.JAN.2018 16:33:58

Middle Channel / 10MHz / 16QAM



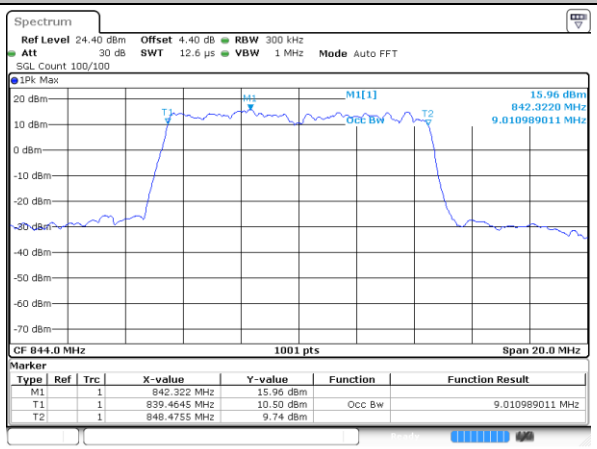
Date: 4.JAN.2018 16:33:24

Highest Channel / 10MHz / QPSK



Date: 4.JAN.2018 16:34:18

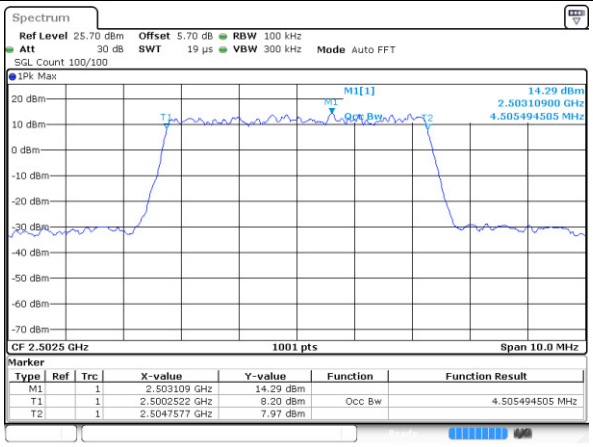
Highest Channel / 10MHz / 16QAM



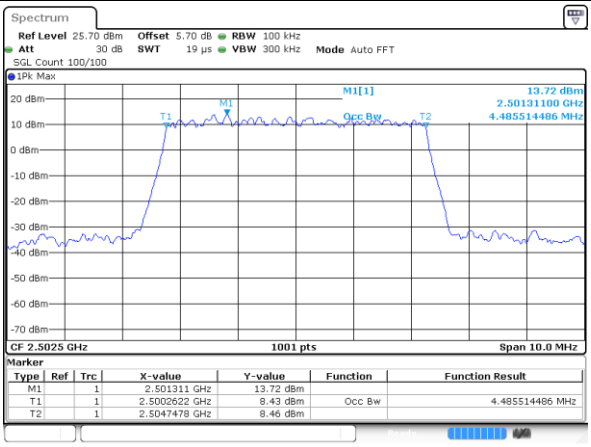
Date: 4.JAN.2018 16:34:40

LTE Band 7

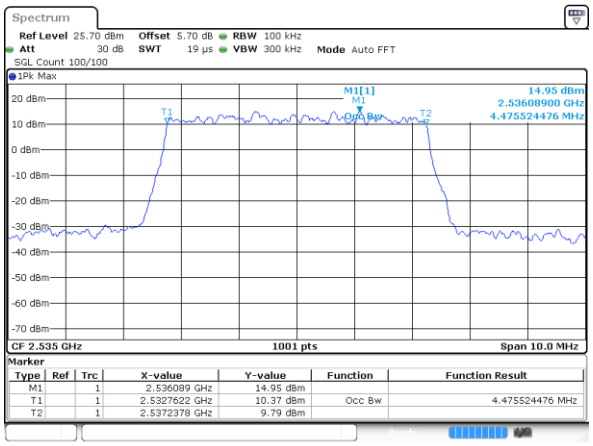
Lowest Channel / 5MHz / QPSK



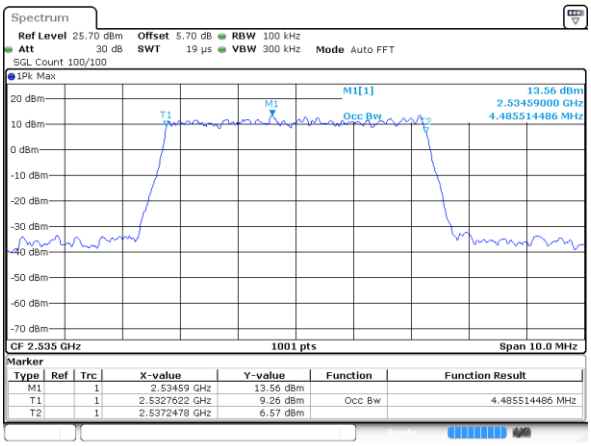
Lowest Channel / 5MHz / 16QAM



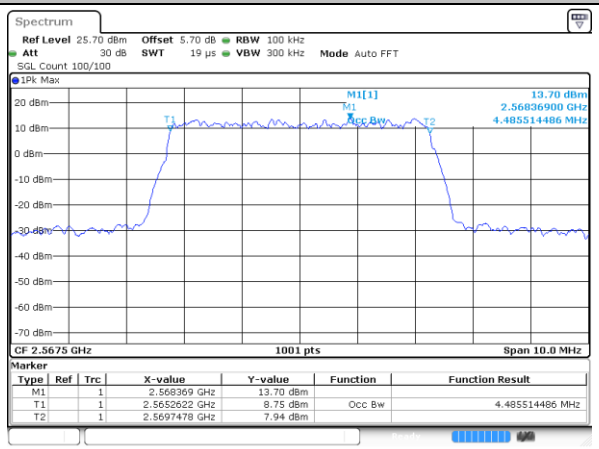
Middle Channel / 5MHz / QPSK



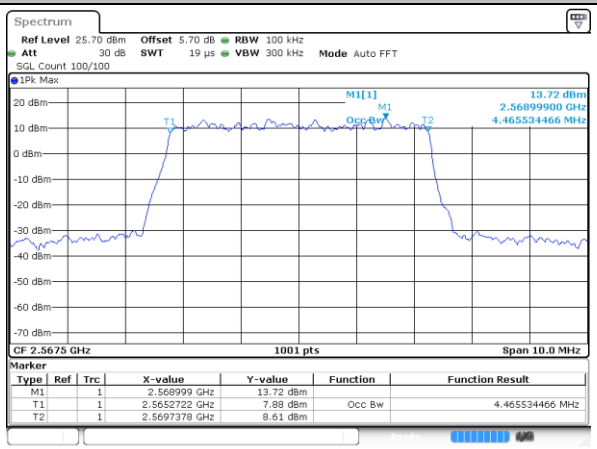
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

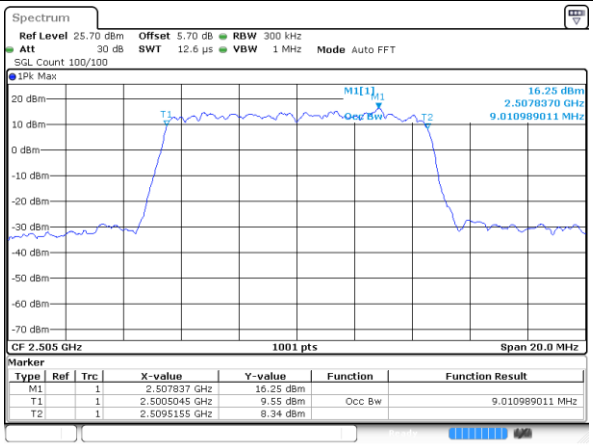


Highest Channel / 5MHz / 16QAM

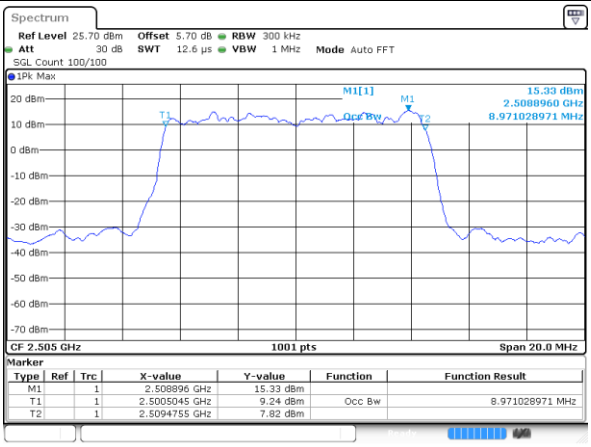


LTE Band 7

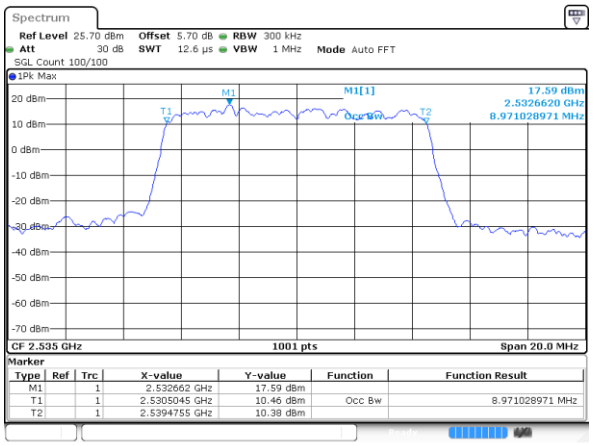
Lowest Channel / 10MHz / QPSK



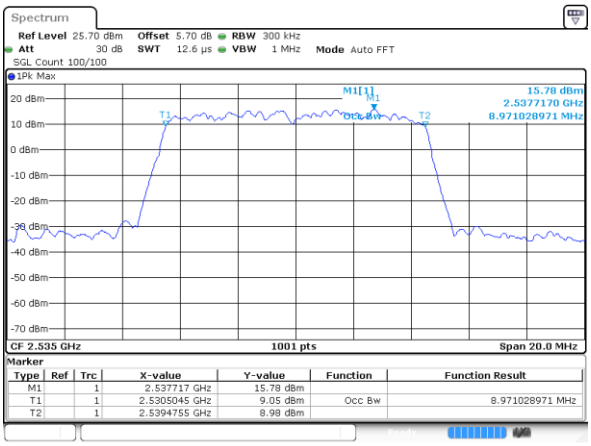
Lowest Channel / 10MHz / 16QAM



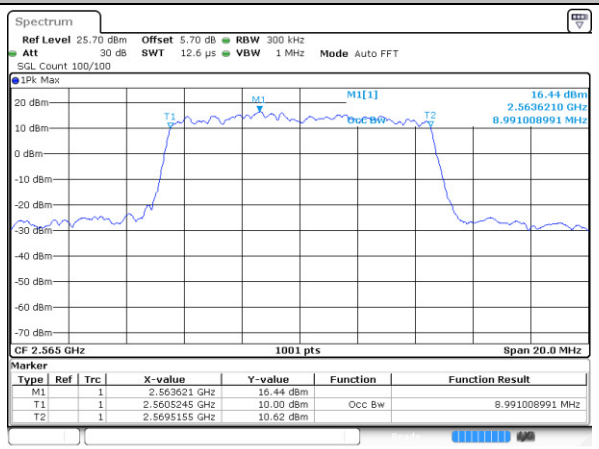
Middle Channel / 10MHz / QPSK



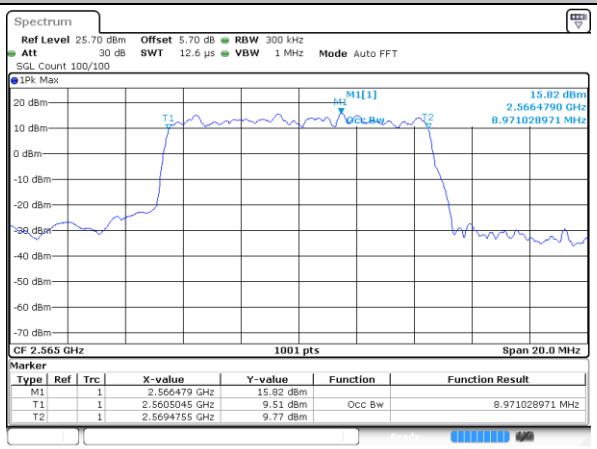
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

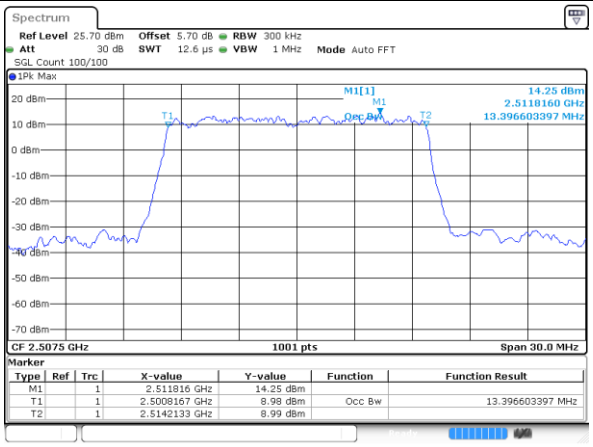


Highest Channel / 10MHz / 16QAM

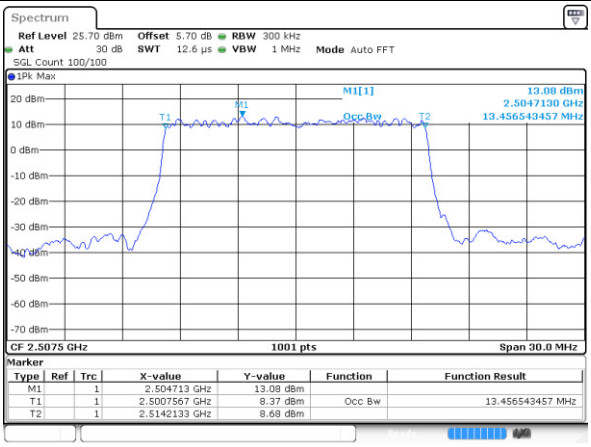


LTE Band 7

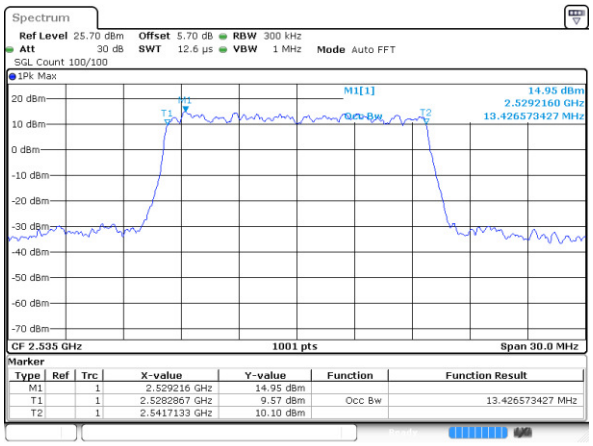
Lowest Channel / 15MHz / QPSK



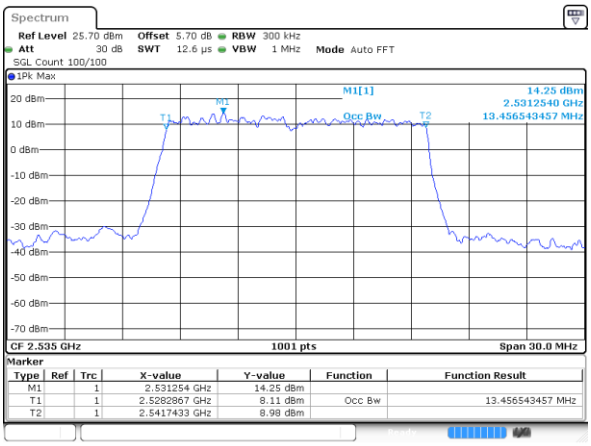
Lowest Channel / 15MHz / 16QAM



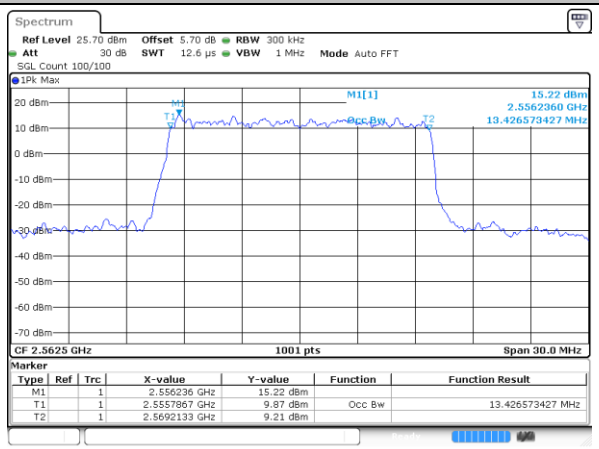
Middle Channel / 15MHz / QPSK



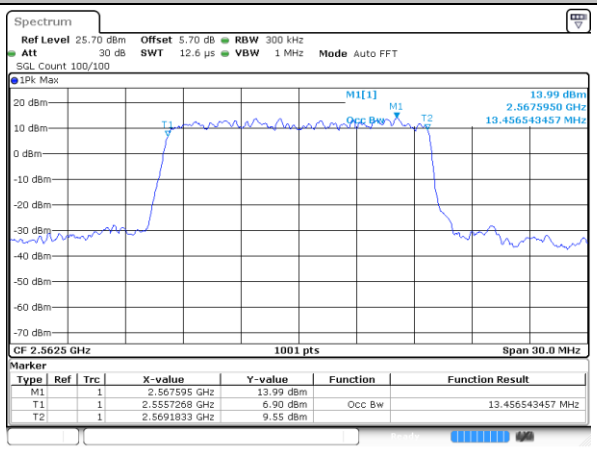
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

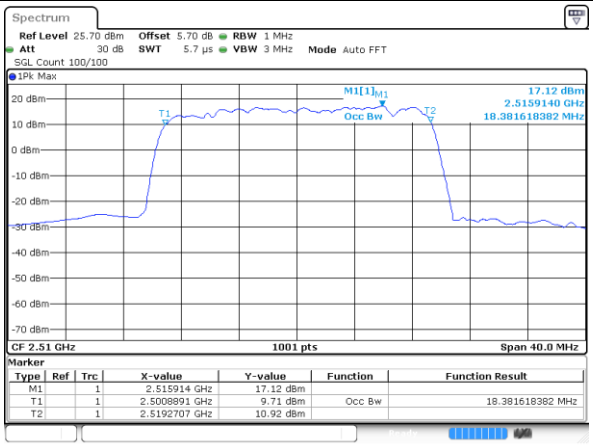


Highest Channel / 15MHz / 16QAM



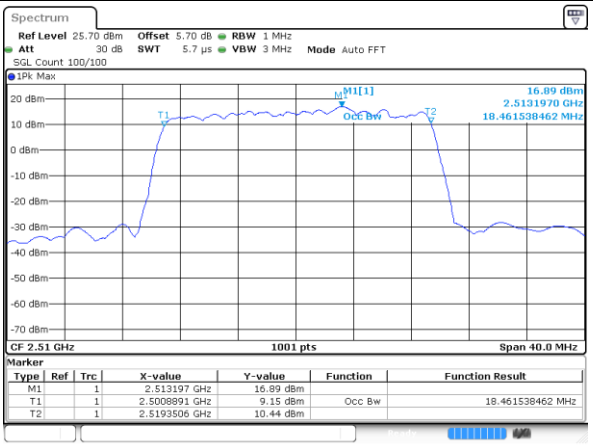
LTE Band 7

Lowest Channel / 20MHz / QPSK



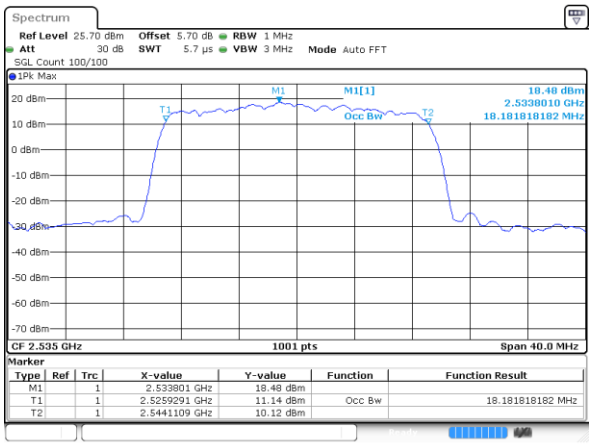
Date: 10.JAN.2018 10:30:39

Lowest Channel / 20MHz / 16QAM



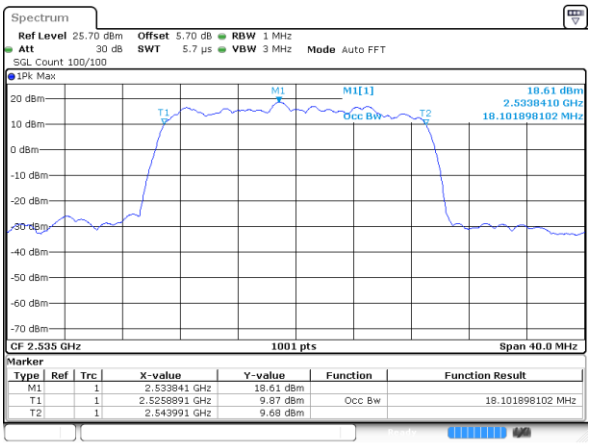
Date: 10.JAN.2018 10:31:00

Middle Channel / 20MHz / QPSK



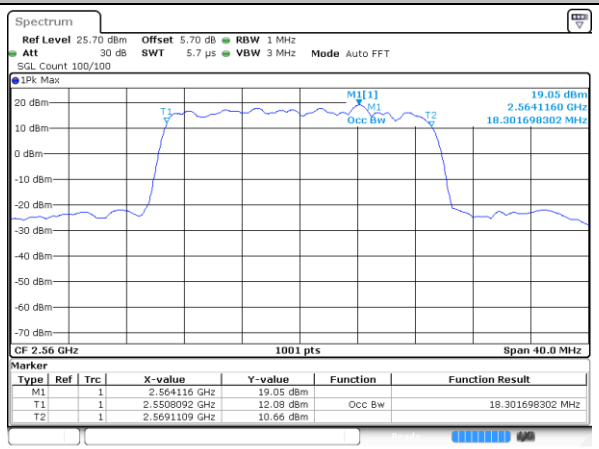
Date: 10.JAN.2018 10:39:55

Middle Channel / 20MHz / 16QAM



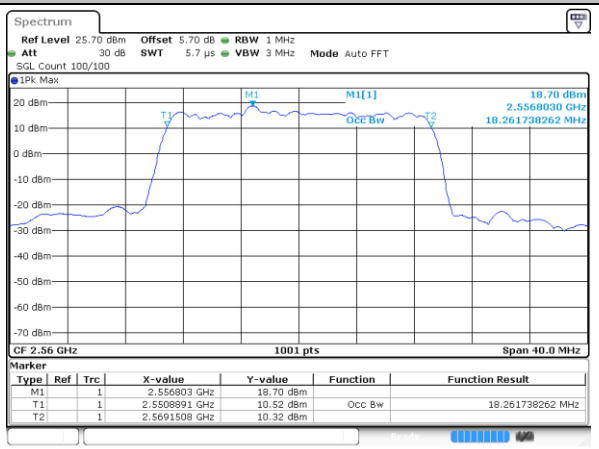
Date: 10.JAN.2018 10:39:33

Highest Channel / 20MHz / QPSK



Date: 10.JAN.2018 10:40:16

Highest Channel / 20MHz / 16QAM

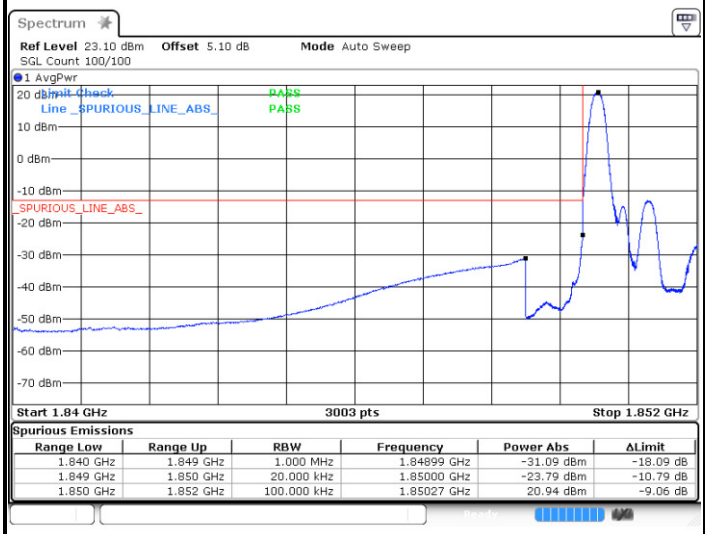


Date: 10.JAN.2018 10:40:37

Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

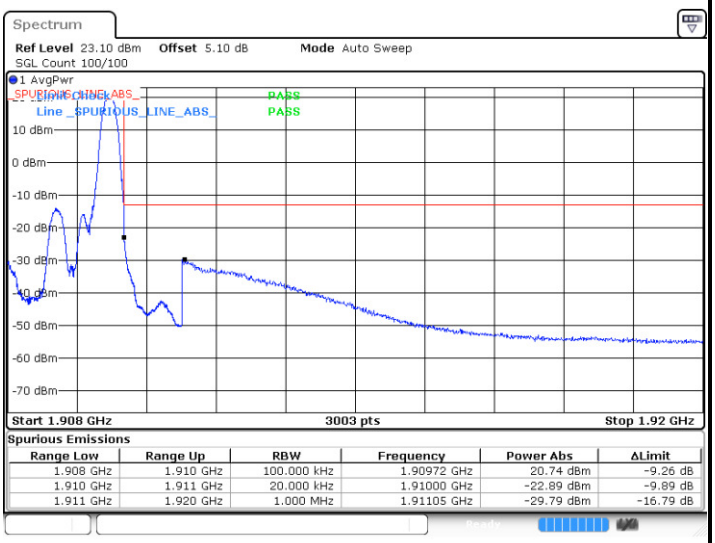


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-31.09 dBm	-18.09 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-23.79 dBm	-10.79 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85027 GHz	20.94 dBm	-9.06 dB

Date: 5.JAN.2018 11:18:27

Highest Band Edge / 1RB

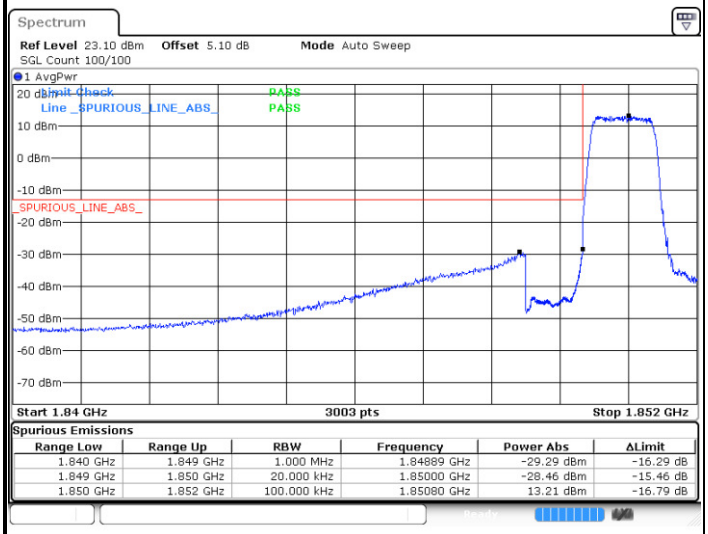


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90972 GHz	20.74 dBm	-9.26 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-22.89 dBm	-9.89 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91105 GHz	-29.79 dBm	-16.79 dB

Date: 5.JAN.2018 09:40:54

Lowest Band Edge / Full RB

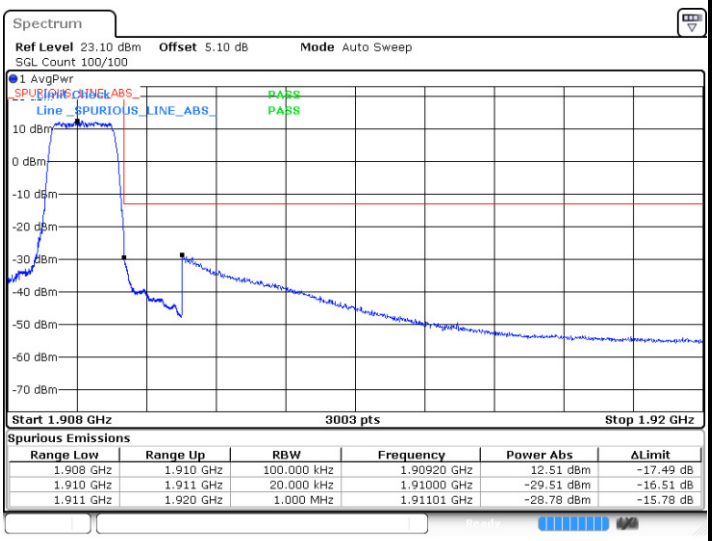


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84889 GHz	-29.29 dBm	-16.29 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-28.46 dBm	-15.46 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85080 GHz	13.21 dBm	-16.79 dB

Date: 5.JAN.2018 09:14:41

Highest Band Edge / Full RB



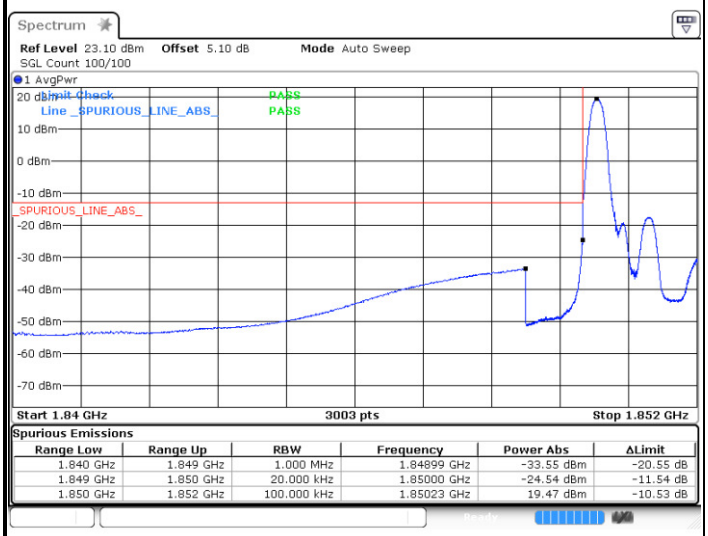
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90920 GHz	12.51 dBm	-17.49 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-29.51 dBm	-16.51 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-28.78 dBm	-15.78 dB

Date: 5.JAN.2018 09:43:09

LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

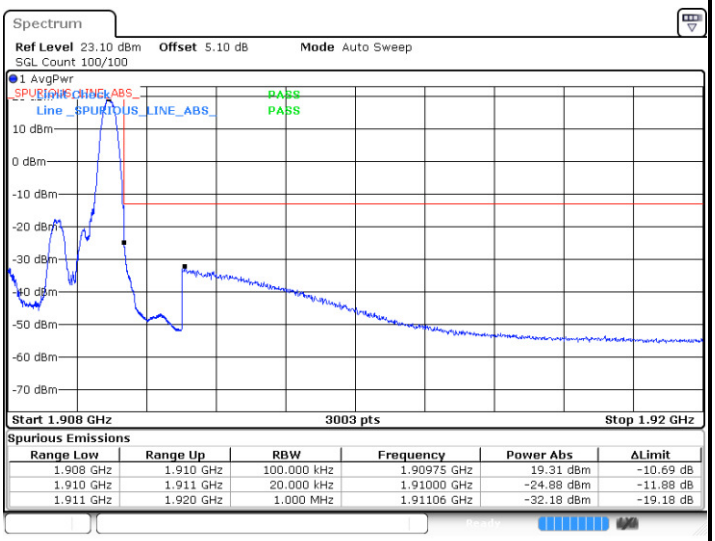


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-33.55 dBm	-20.55 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-24.54 dBm	-11.54 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85023 GHz	19.47 dBm	-10.53 dB

Date: 5.JAN.2018 11:17:10

Highest Band Edge / 1 RB

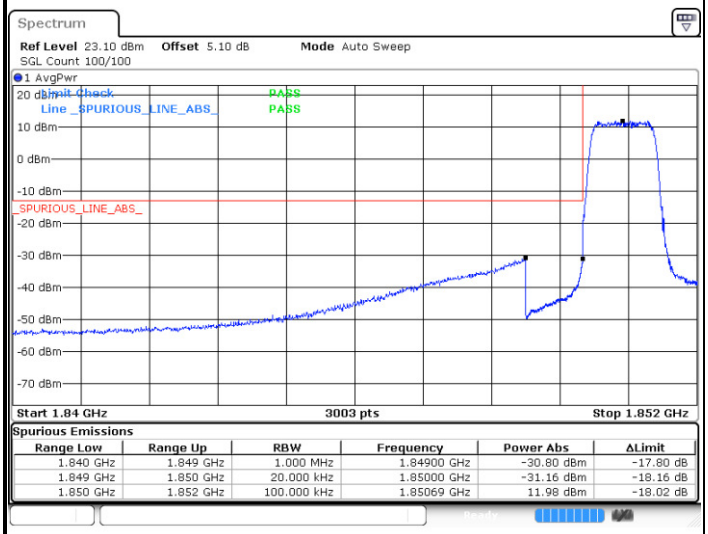


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90975 GHz	19.31 dBm	-10.69 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-24.88 dBm	-11.88 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-32.18 dBm	-19.18 dB

Date: 5.JAN.2018 09:42:01

Lowest Band Edge / Full RB

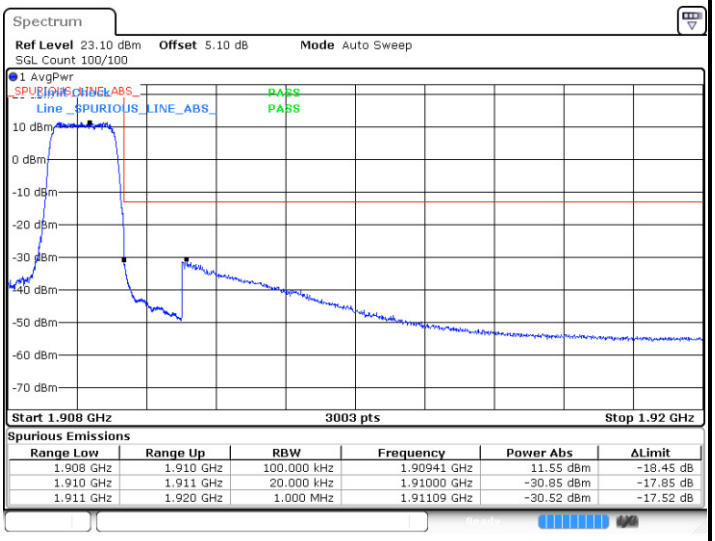


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-30.80 dBm	-17.80 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-31.16 dBm	-18.16 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85069 GHz	11.98 dBm	-18.02 dB

Date: 5.JAN.2018 09:15:48

Highest Band Edge / Full RB



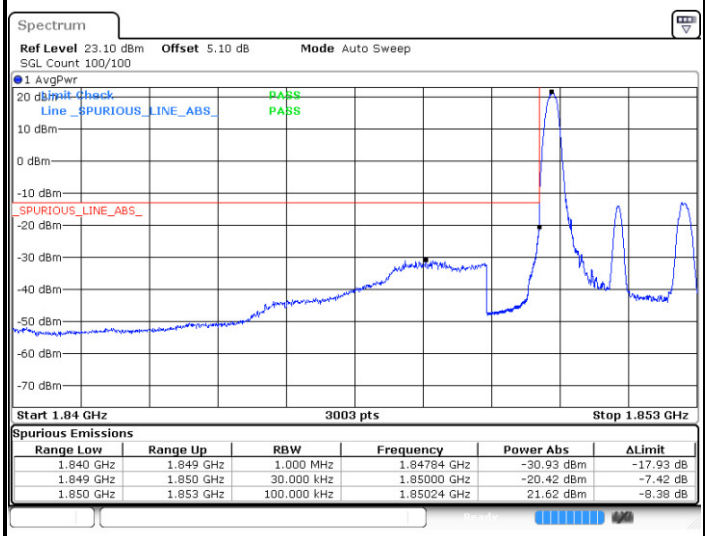
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90941 GHz	11.55 dBm	-18.45 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-30.85 dBm	-17.85 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-30.52 dBm	-17.52 dB

Date: 5.JAN.2018 09:44:16

LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB

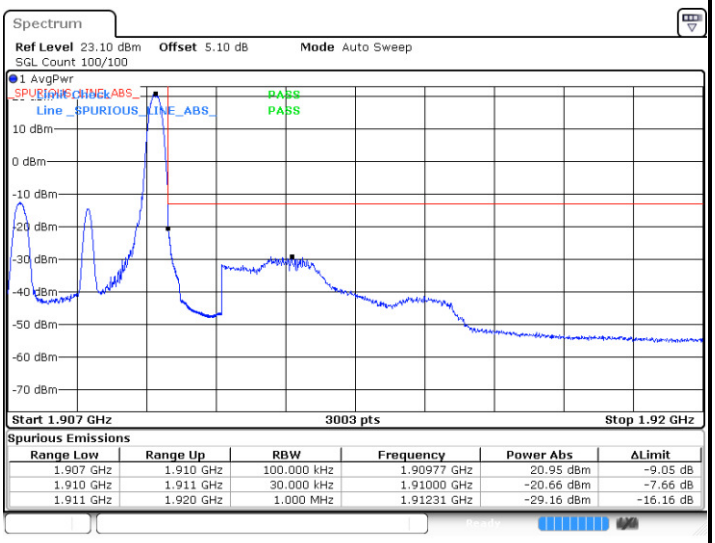


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84784 GHz	-30.93 dBm	-17.93 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-20.42 dBm	-7.42 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85024 GHz	21.62 dBm	-8.38 dB

Date: 5.JAN.2018 09:47:52

Highest Band Edge / 1 RB

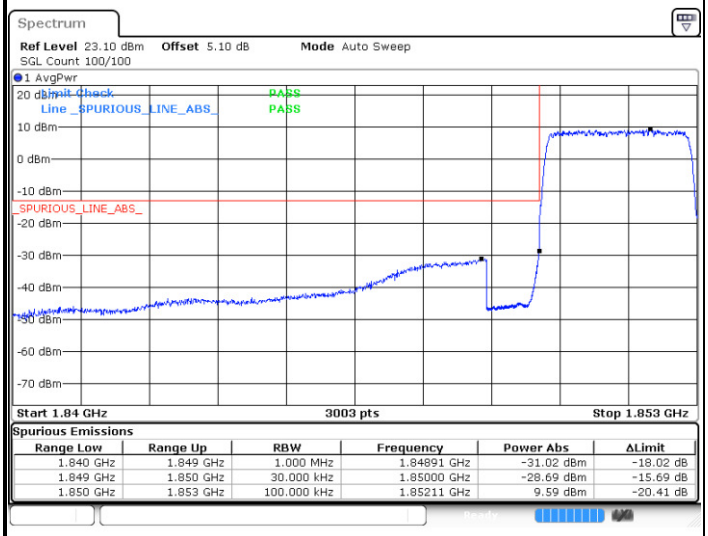


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90977 GHz	20.95 dBm	-9.05 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-20.66 dBm	-7.66 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91231 GHz	-29.16 dBm	-16.16 dB

Date: 5.JAN.2018 09:57:18

Lowest Band Edge / Full RB

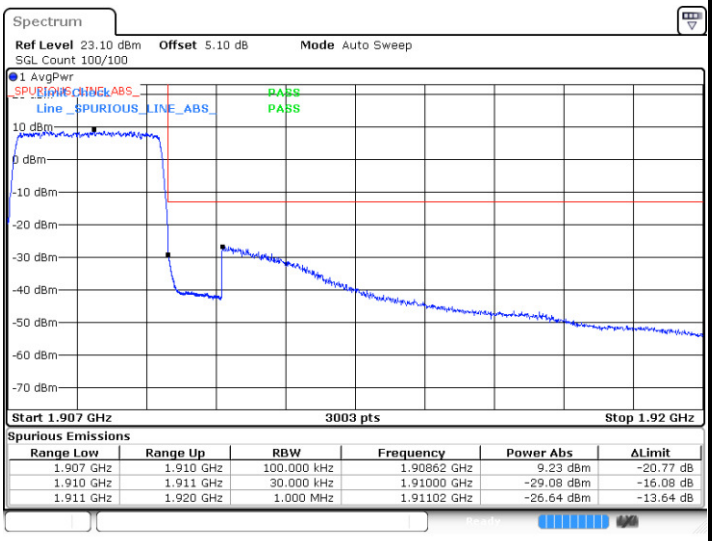


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-31.02 dBm	-18.02 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-28.69 dBm	-15.69 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85211 GHz	9.59 dBm	-20.41 dB

Date: 5.JAN.2018 09:50:06

Highest Band Edge / Full RB



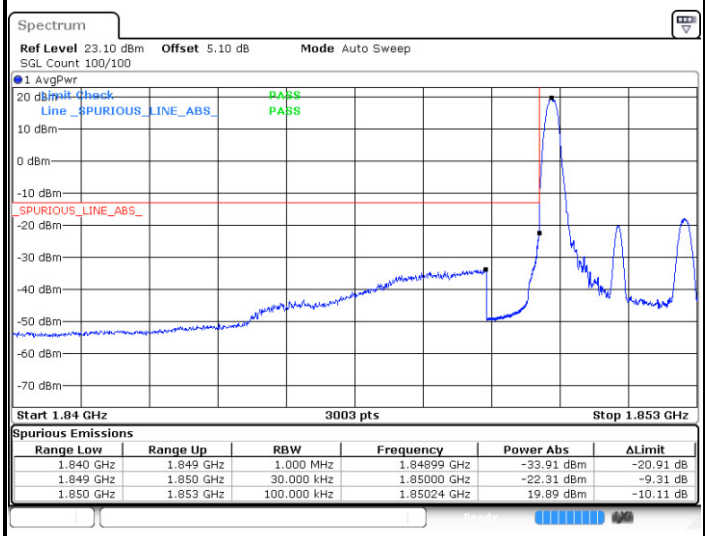
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90862 GHz	9.23 dBm	-20.77 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-29.08 dBm	-16.08 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91102 GHz	-26.64 dBm	-13.64 dB

Date: 5.JAN.2018 09:59:32

LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

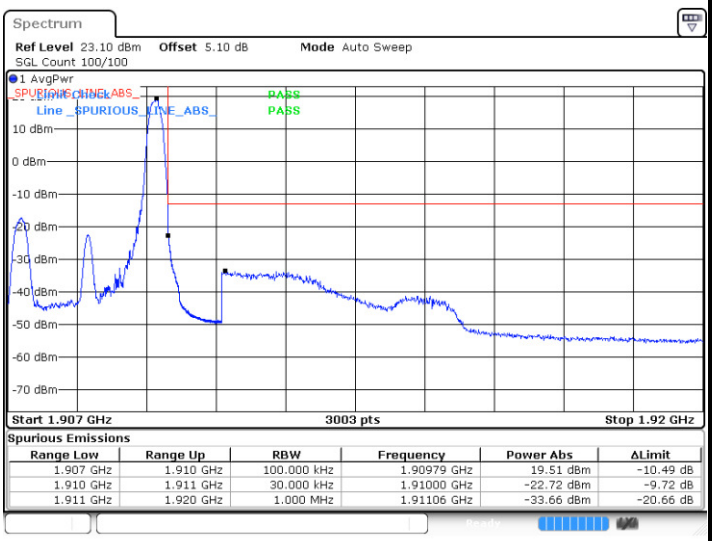


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-33.91 dBm	-20.91 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-22.31 dBm	-9.31 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85024 GHz	19.89 dBm	-10.11 dB

Date: 5.JAN.2018 09:48:59

Highest Band Edge /1 RB

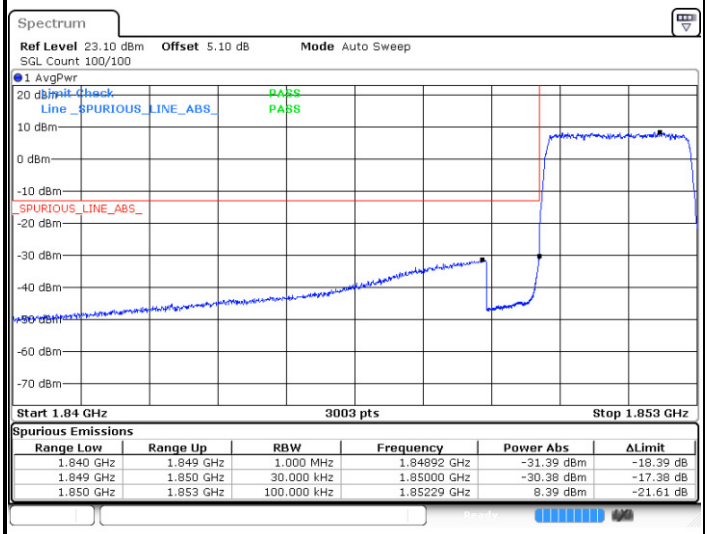


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90979 GHz	19.51 dBm	-10.49 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-22.72 dBm	-9.72 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-33.66 dBm	-20.66 dB

Date: 5.JAN.2018 09:58:25

Lowest Band Edge / Full RB

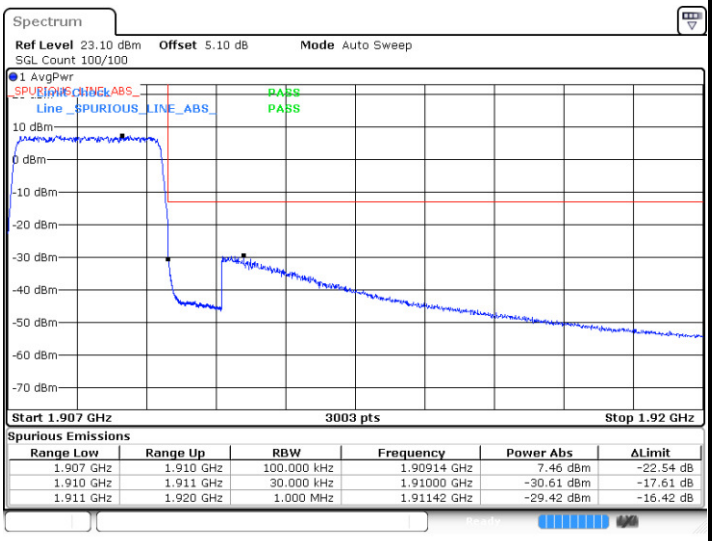


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-31.39 dBm	-18.39 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-30.38 dBm	-17.38 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85229 GHz	8.39 dBm	-21.61 dB

Date: 5.JAN.2018 09:51:14

Highest Band Edge / Full RB



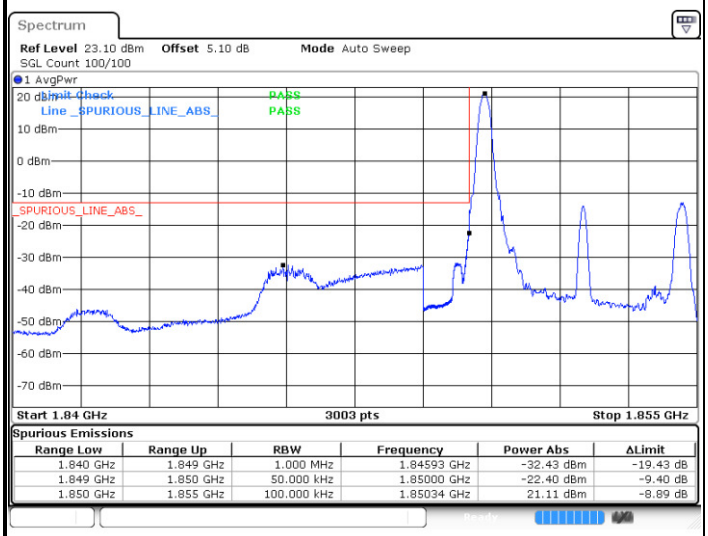
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90914 GHz	7.46 dBm	-22.54 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-30.61 dBm	-17.61 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91142 GHz	-29.42 dBm	-16.42 dB

Date: 5.JAN.2018 10:00:39

LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB

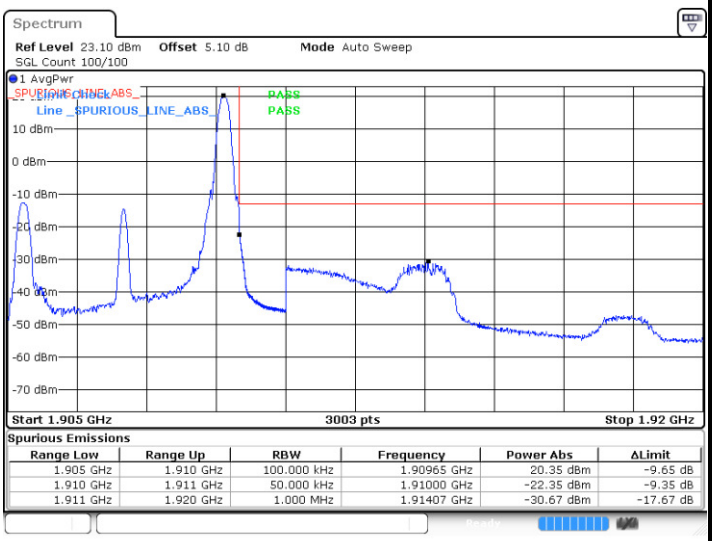


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84593 GHz	-32.43 dBm	-19.43 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-22.40 dBm	-9.40 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85034 GHz	21.11 dBm	-8.89 dB

Date: 5.JAN.2018 10:04:15

Highest Band Edge / 1 RB

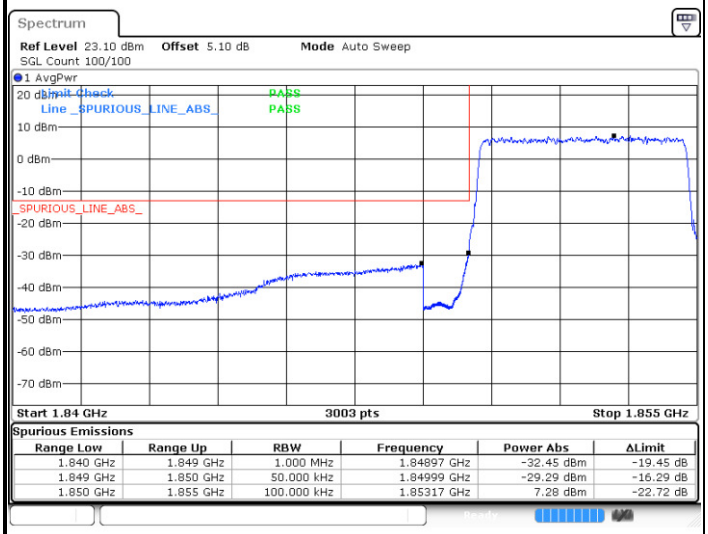


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90965 GHz	20.35 dBm	-9.65 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-22.35 dBm	-9.35 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91407 GHz	-30.67 dBm	-17.67 dB

Date: 5.JAN.2018 10:13:41

Lowest Band Edge / Full RB

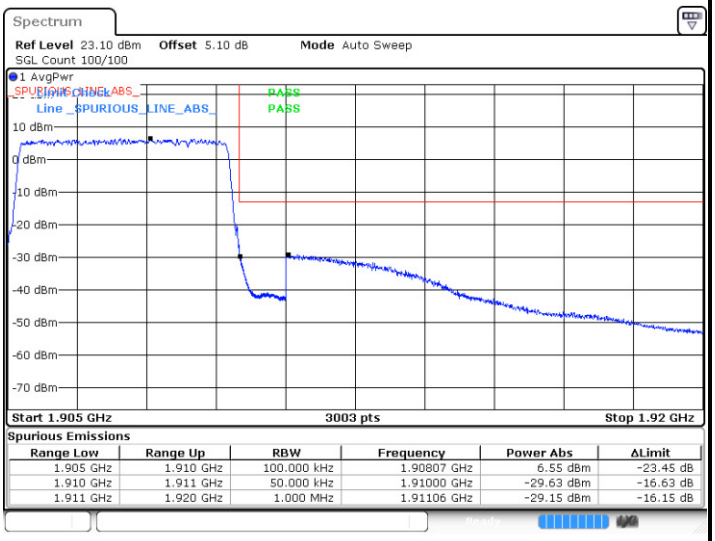


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-32.45 dBm	-19.45 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-29.29 dBm	-16.29 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85317 GHz	7.28 dBm	-22.72 dB

Date: 5.JAN.2018 10:06:30

Highest Band Edge / Full RB



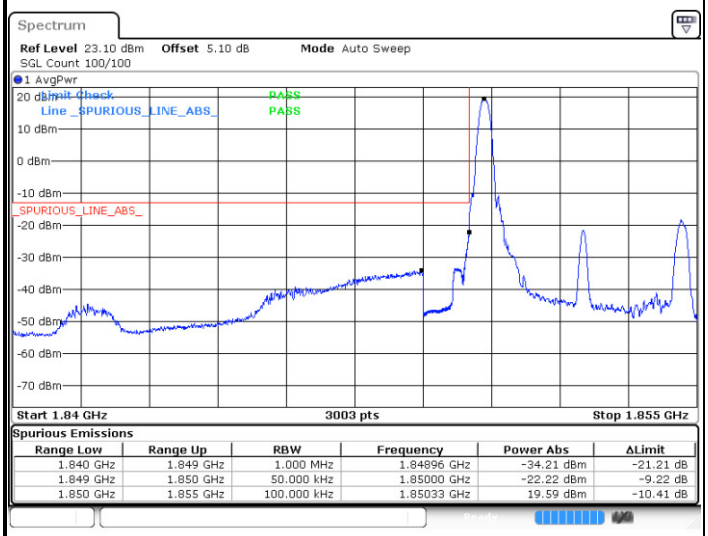
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90807 GHz	6.55 dBm	-23.45 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-29.63 dBm	-16.63 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91106 GHz	-29.15 dBm	-16.15 dB

Date: 5.JAN.2018 10:15:56

LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB

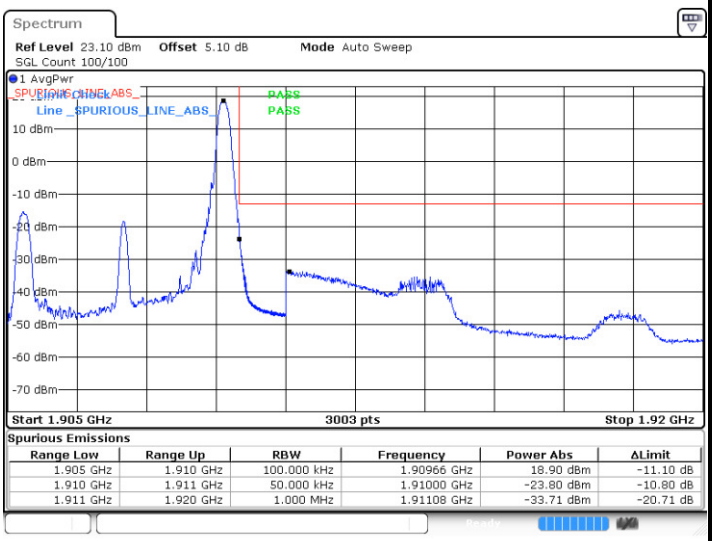


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84896 GHz	-34.21 dBm	-21.21 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-22.22 dBm	-9.22 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85033 GHz	19.59 dBm	-10.41 dB

Date: 5.JAN.2018 10:05:23

Highest Band Edge / 1 RB

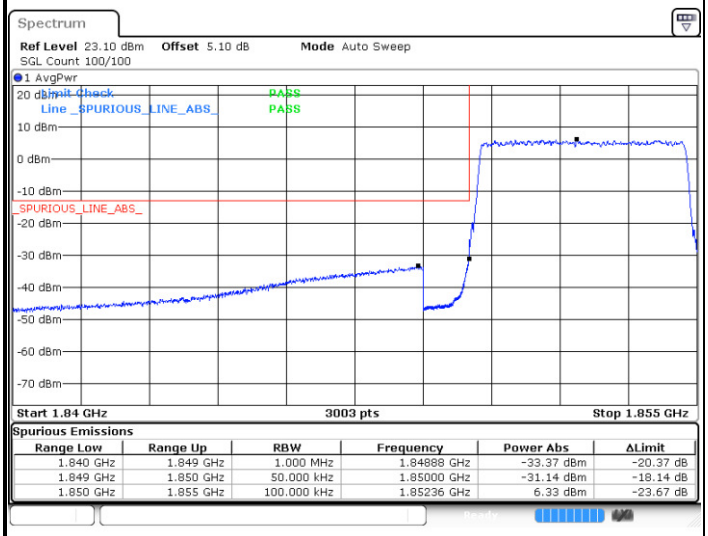


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90966 GHz	18.90 dBm	-11.10 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-23.80 dBm	-10.80 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91108 GHz	-33.71 dBm	-20.71 dB

Date: 5.JAN.2018 10:14:49

Lowest Band Edge / Full RB

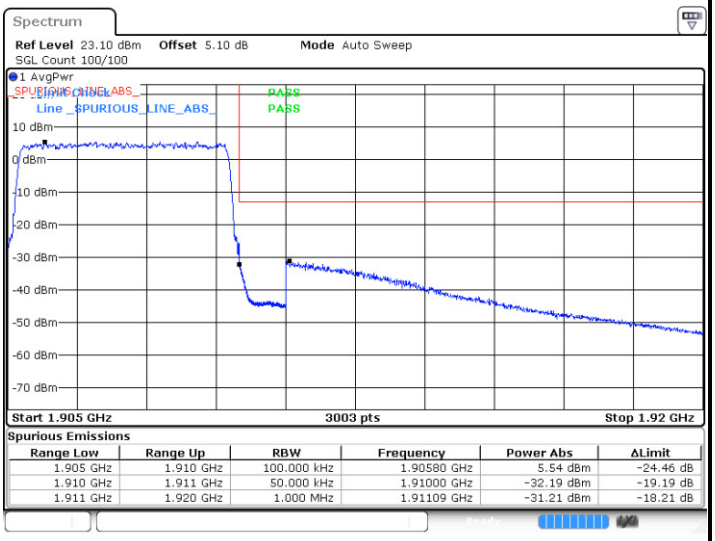


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84888 GHz	-33.37 dBm	-20.37 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-31.14 dBm	-18.14 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85236 GHz	6.33 dBm	-23.67 dB

Date: 5.JAN.2018 10:07:37

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90580 GHz	5.54 dBm	-24.46 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-32.19 dBm	-19.19 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91109 GHz	-31.21 dBm	-18.21 dB

Date: 5.JAN.2018 11:14:09