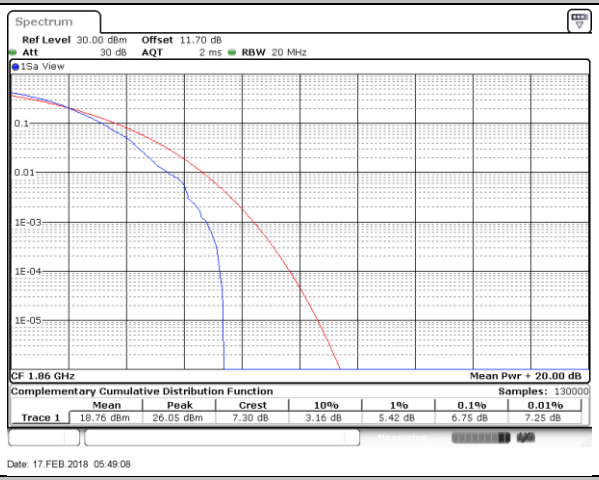
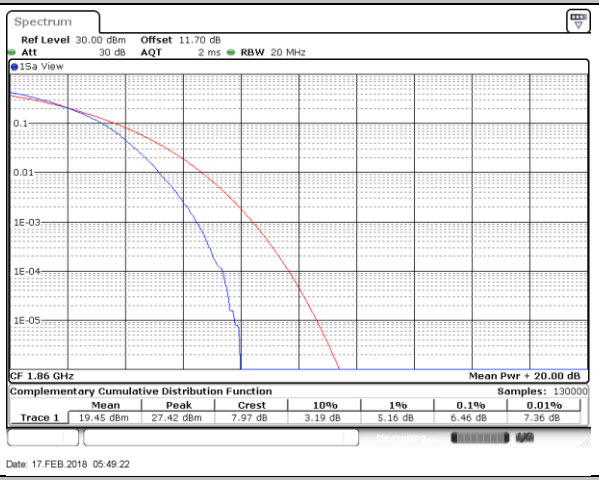
LTE Band 25 / 20MHz / 64QAM

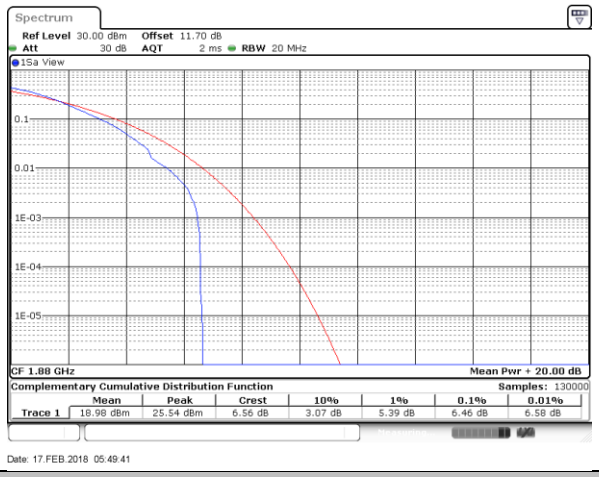
Lowest Channel / 1RB



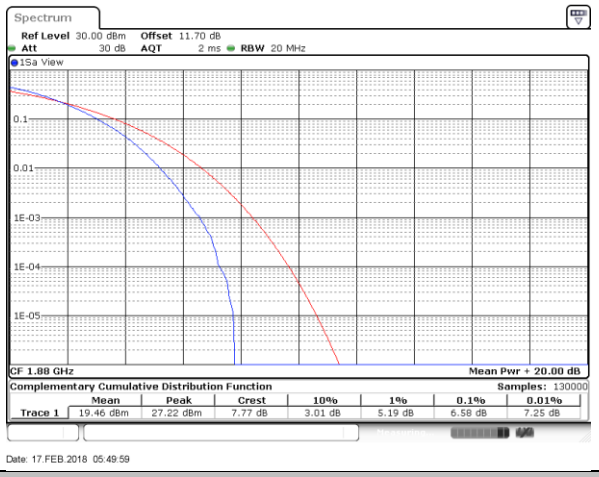
Lowest Channel / Full RB



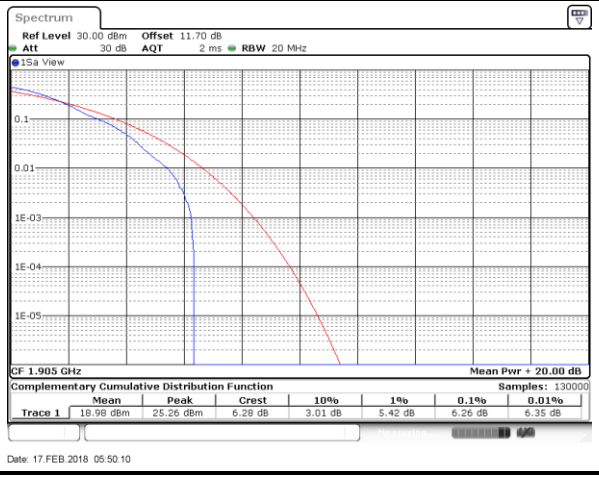
Middle Channel / 1RB



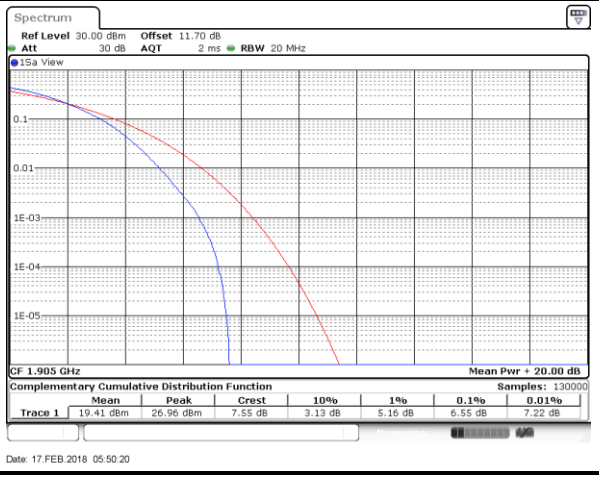
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

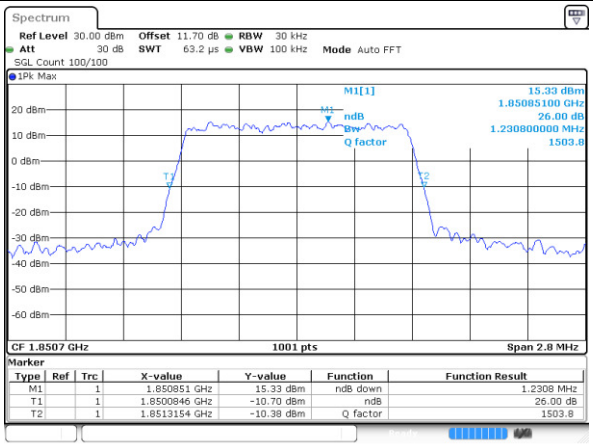


26dB Bandwidth

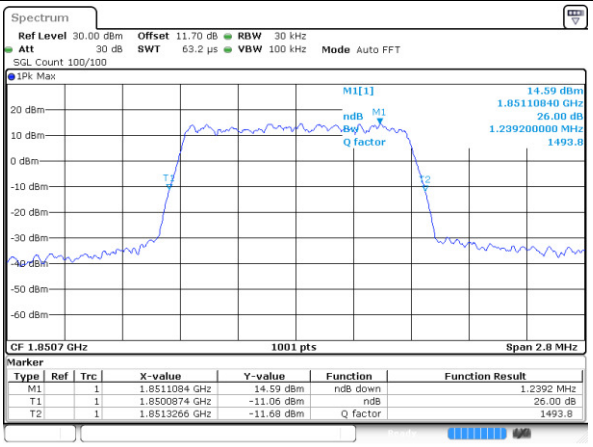
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.24	3.02	3.03	4.94	4.91	9.73	9.79	14.42	14.39	20.10	20.10
Middle CH	1.21	1.23	2.99	3.05	4.89	4.90	9.79	9.95	14.33	14.27	20.22	20.10
Highest CH	1.23	1.21	3.05	2.99	4.93	4.87	9.89	9.67	14.33	14.57	20.14	20.10
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23	-	3.03	-	4.93	-	9.79	-	14.57	-	20.14	-
Middle CH	1.23	-	3.02	-	4.94	-	9.89	-	14.12	-	20.14	-
Highest CH	1.23	-	3.04	-	4.88	-	9.99	-	14.42	-	20.14	-

LTE Band 25

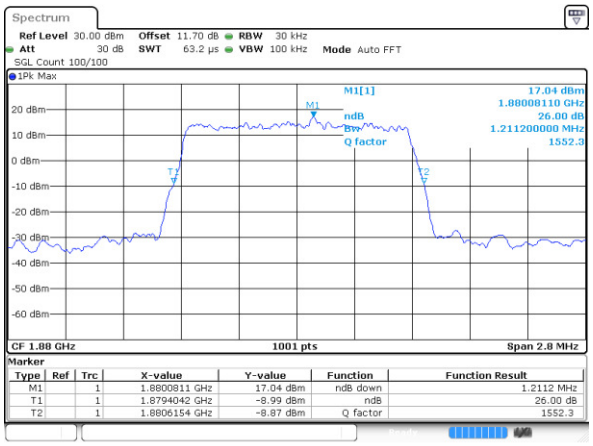
Lowest Channel / 1.4MHz / QPSK



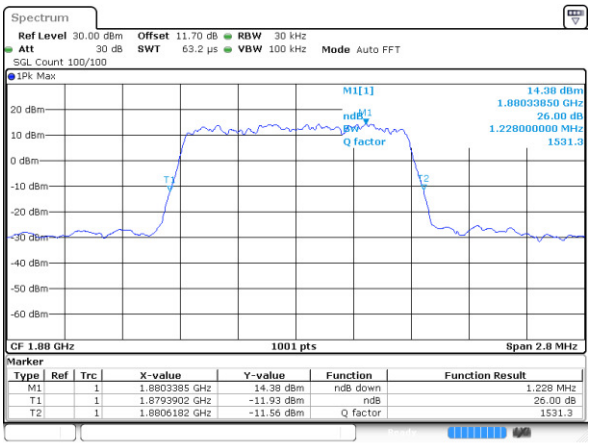
Lowest Channel / 1.4MHz / 16QAM



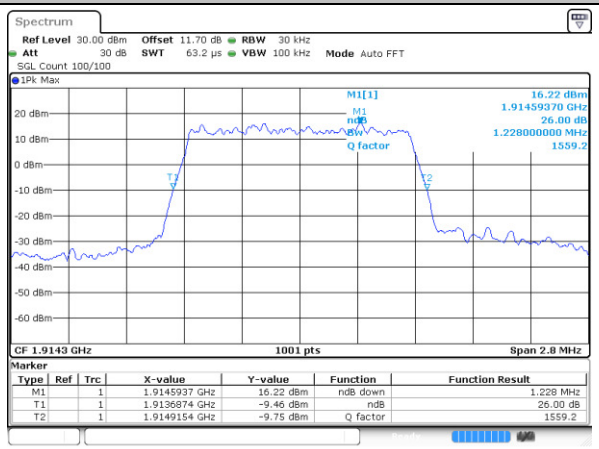
Middle Channel / 1.4MHz / QPSK



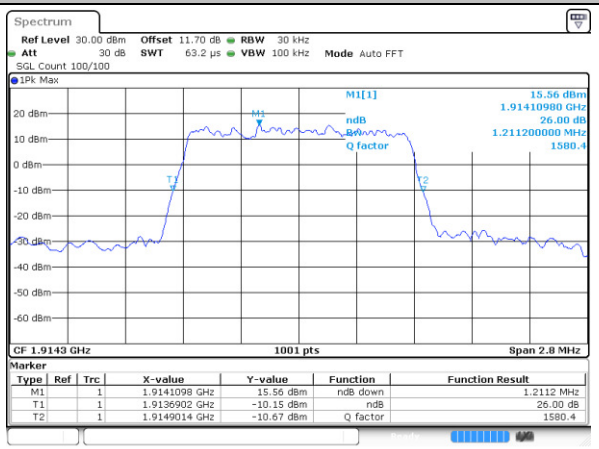
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

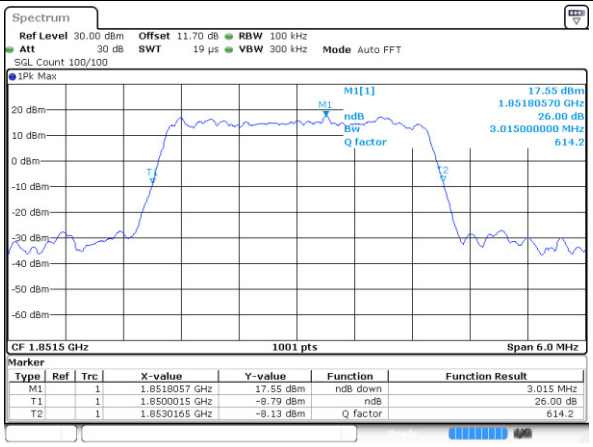


Highest Channel / 1.4MHz / 16QAM

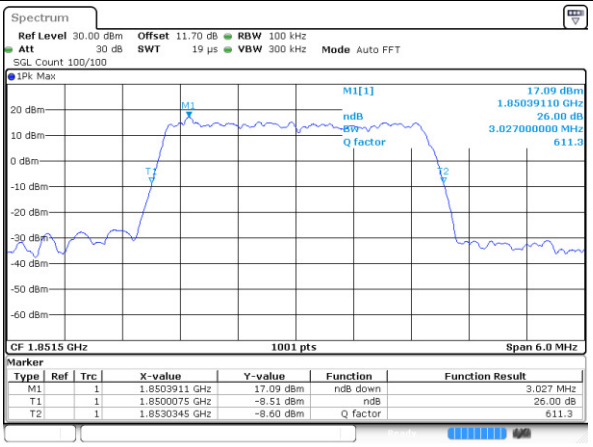


LTE Band 25

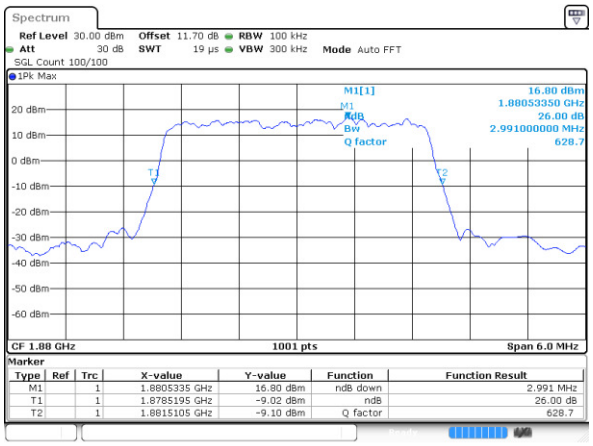
Lowest Channel / 3MHz / QPSK



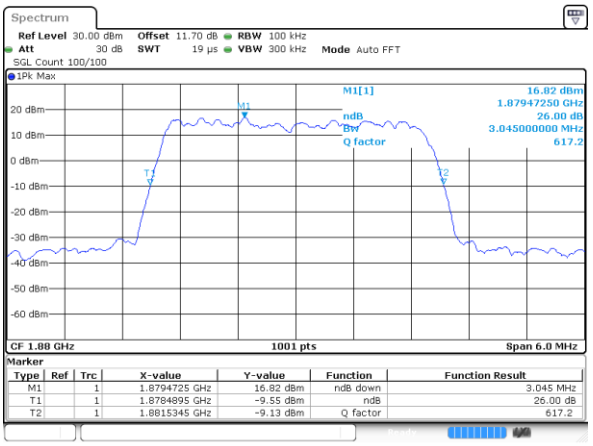
Lowest Channel / 3MHz / 16QAM



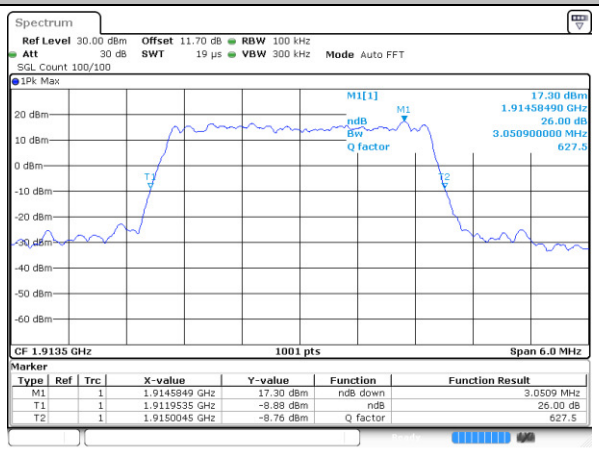
Middle Channel / 3MHz / QPSK



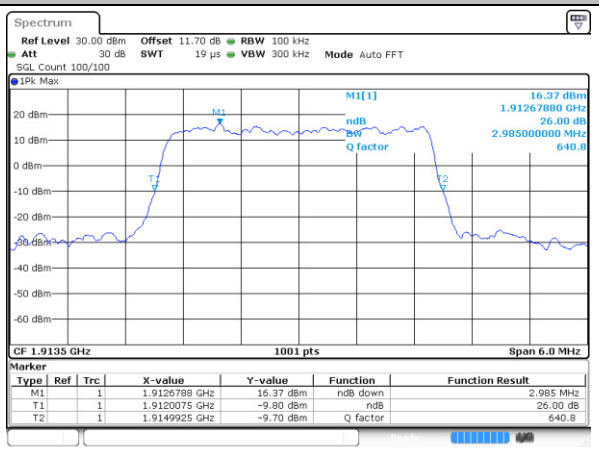
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

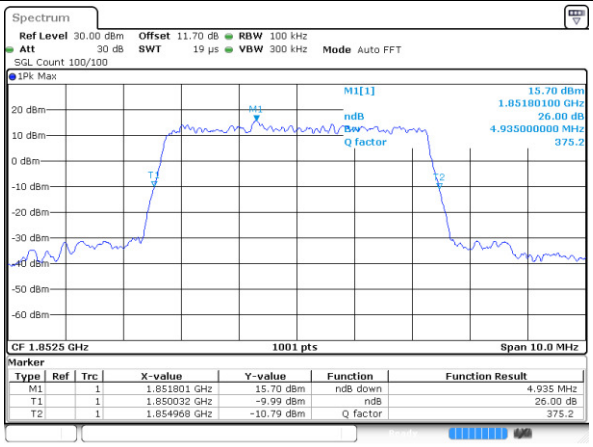


Highest Channel / 3MHz / 16QAM

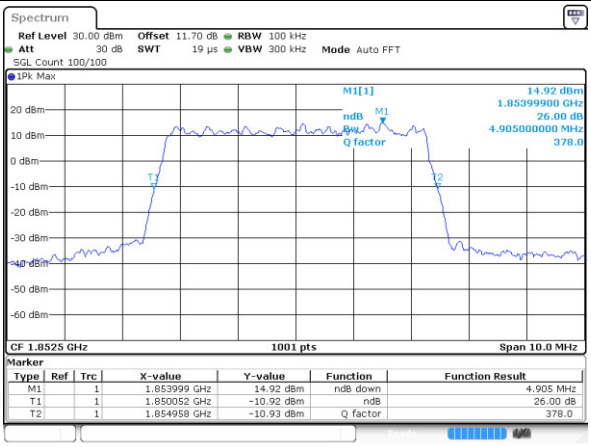


LTE Band 25

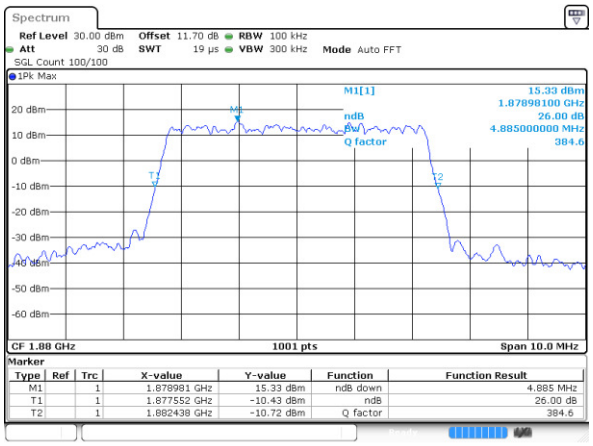
Lowest Channel / 5MHz / QPSK



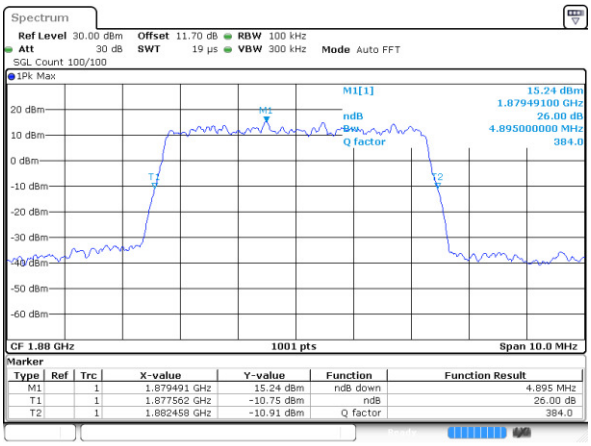
Lowest Channel / 5MHz / 16QAM



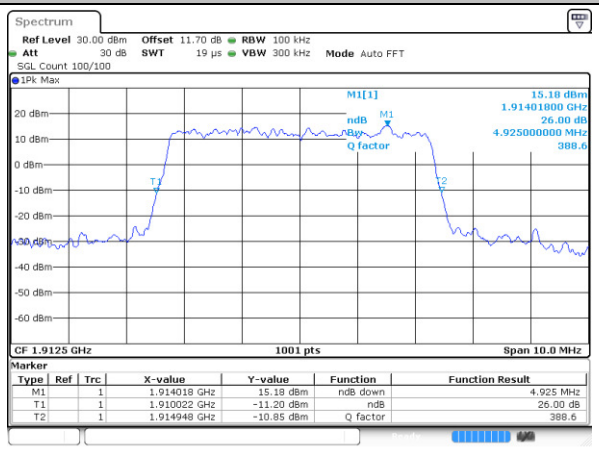
Middle Channel / 5MHz / QPSK



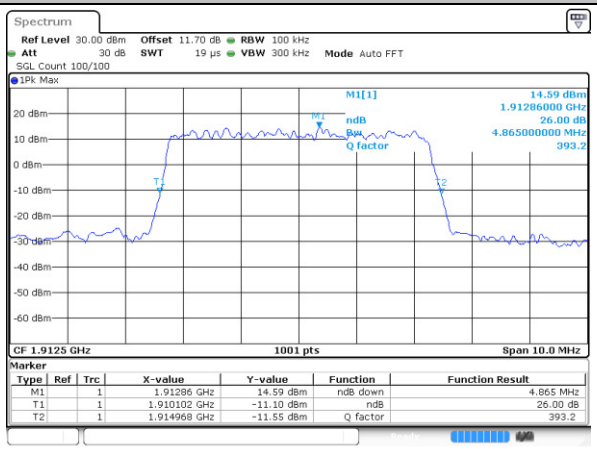
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

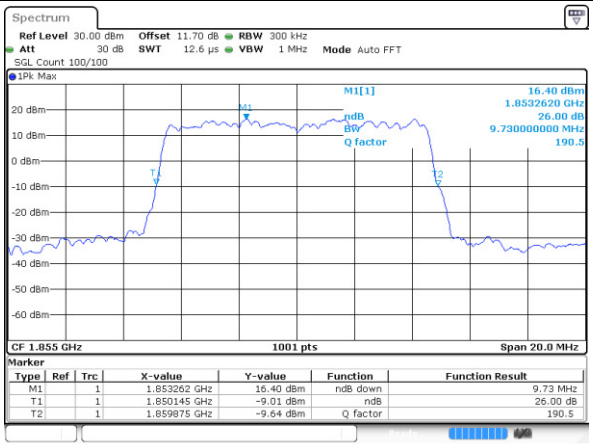


Highest Channel / 5MHz / 16QAM

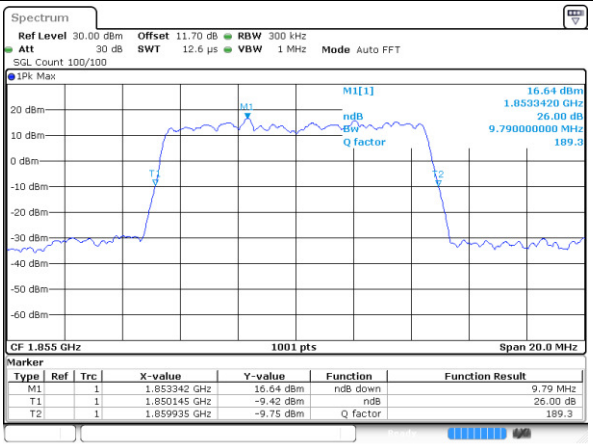


LTE Band 25

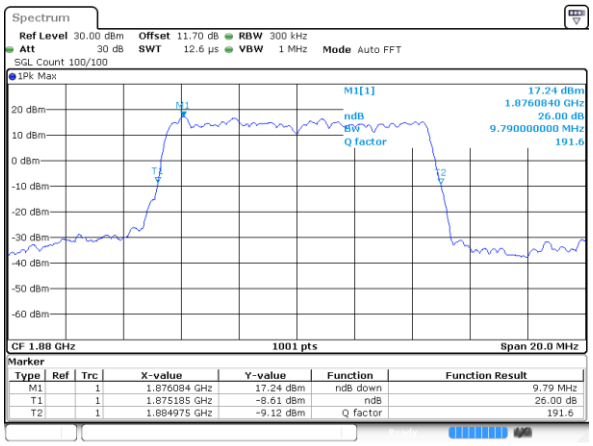
Lowest Channel / 10MHz / QPSK



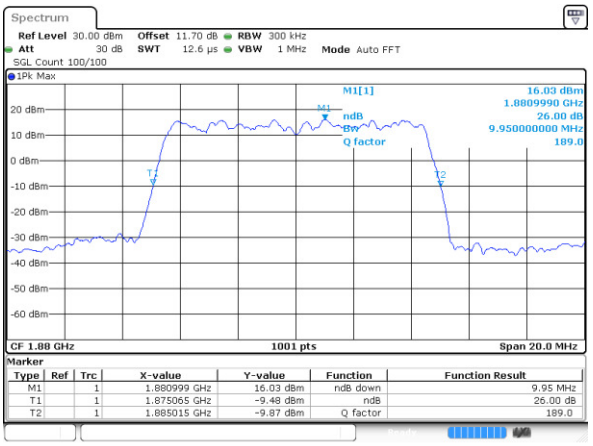
Lowest Channel / 10MHz / 16QAM



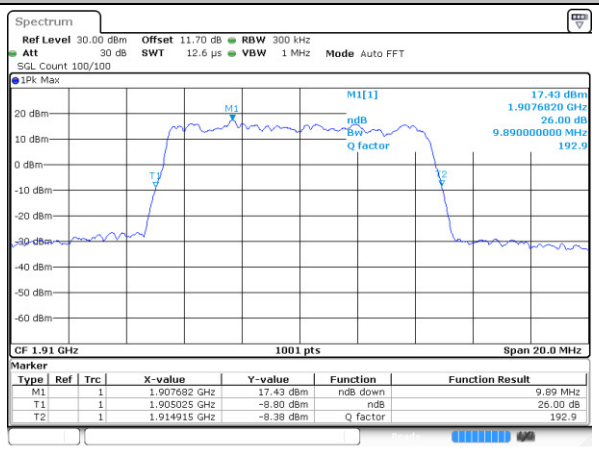
Middle Channel / 10MHz / QPSK



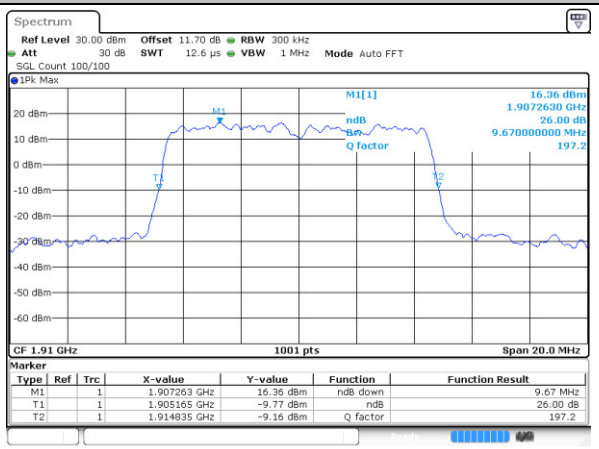
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

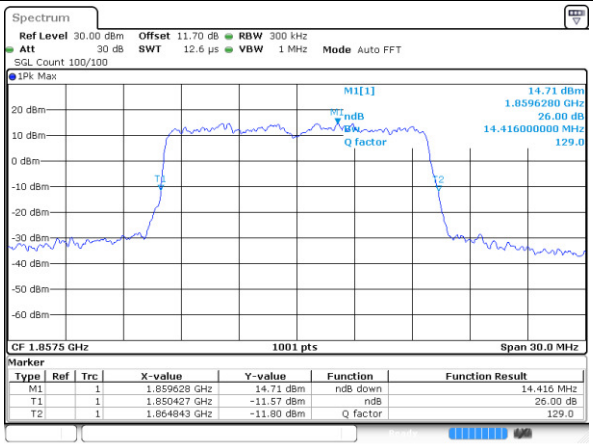


Highest Channel / 10MHz / 16QAM

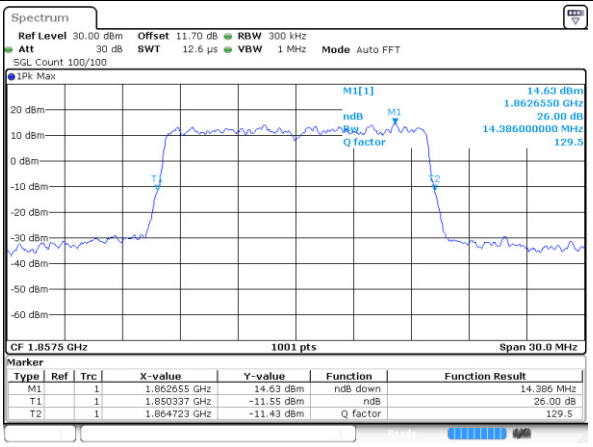


LTE Band 25

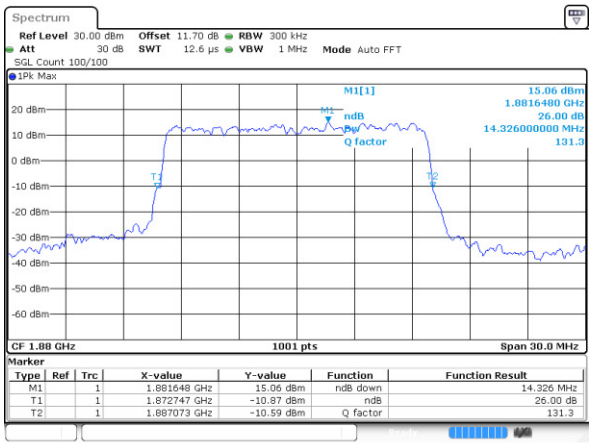
Lowest Channel / 15MHz / QPSK



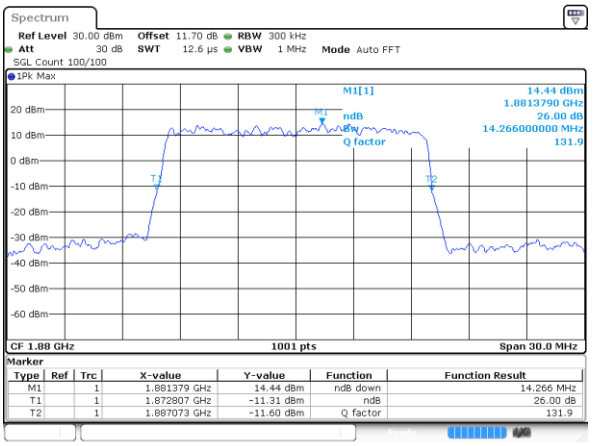
Lowest Channel / 15MHz / 16QAM



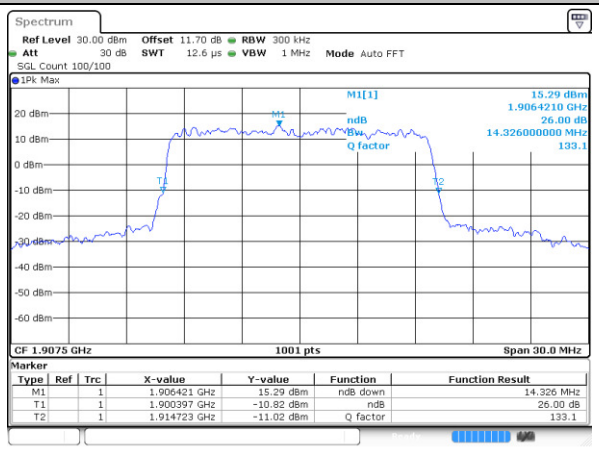
Middle Channel / 15MHz / QPSK



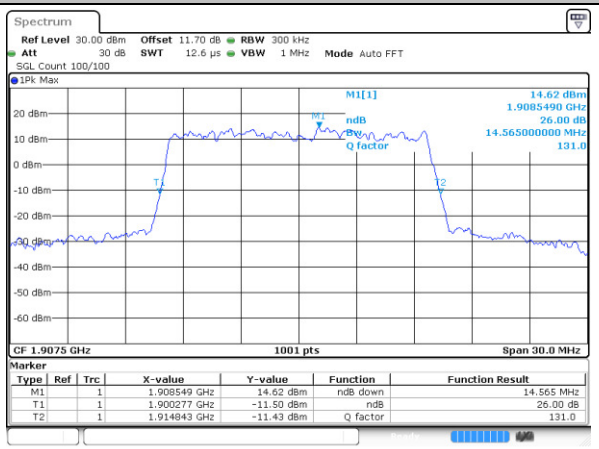
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

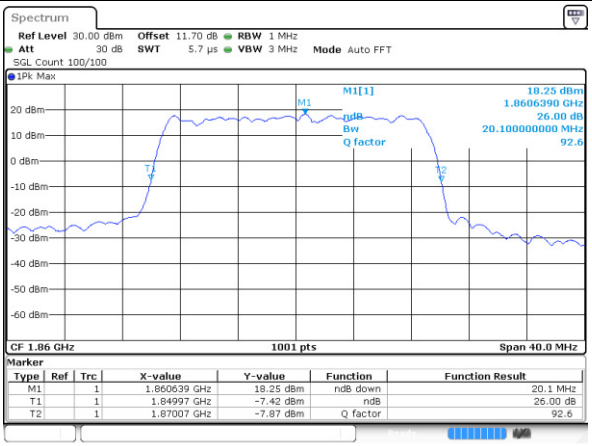


Highest Channel / 15MHz / 16QAM

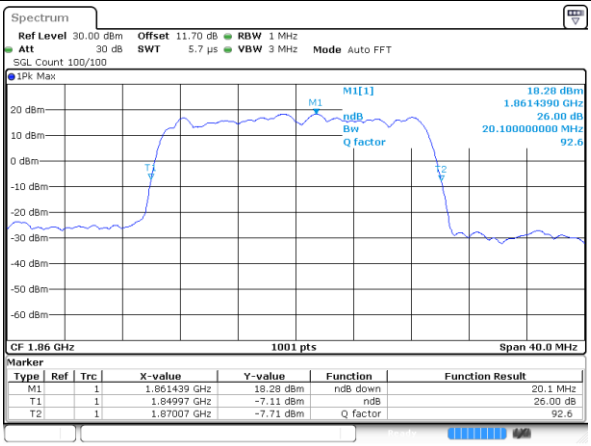


LTE Band 25

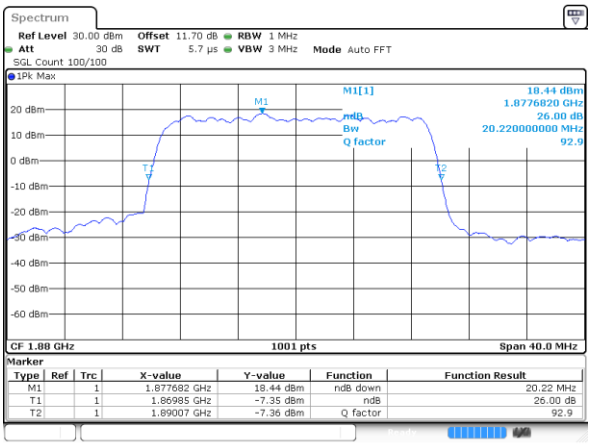
Lowest Channel / 20MHz / QPSK



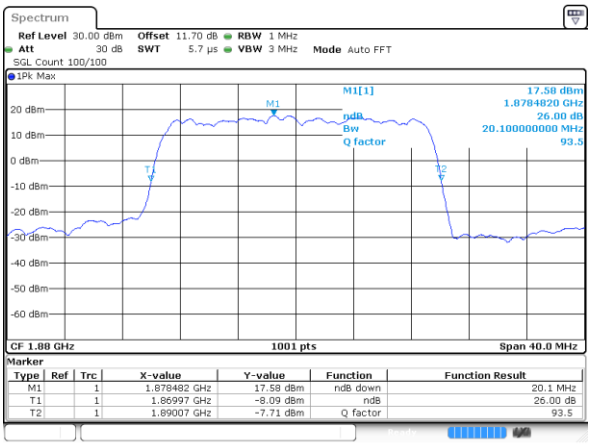
Lowest Channel / 20MHz / 16QAM



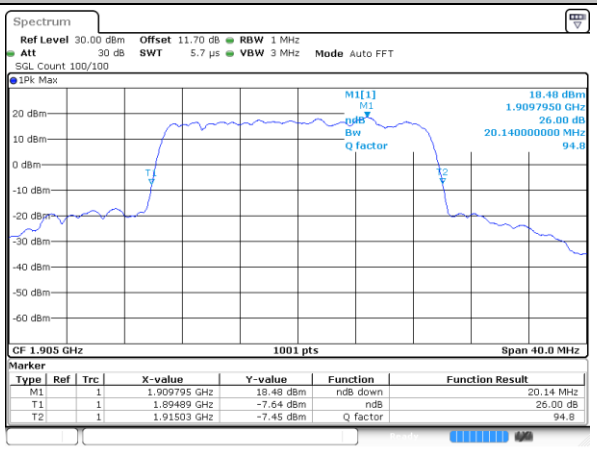
Middle Channel / 20MHz / QPSK



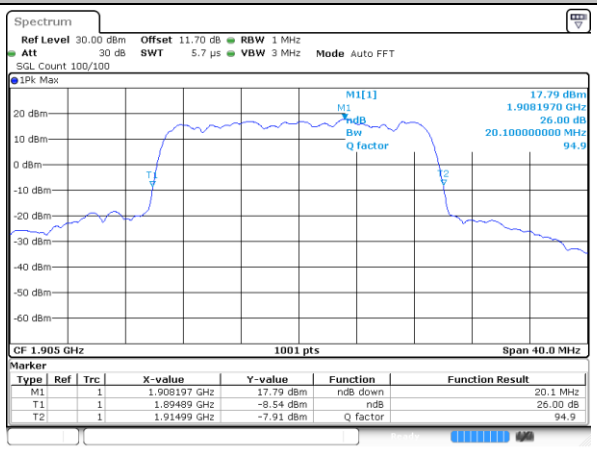
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

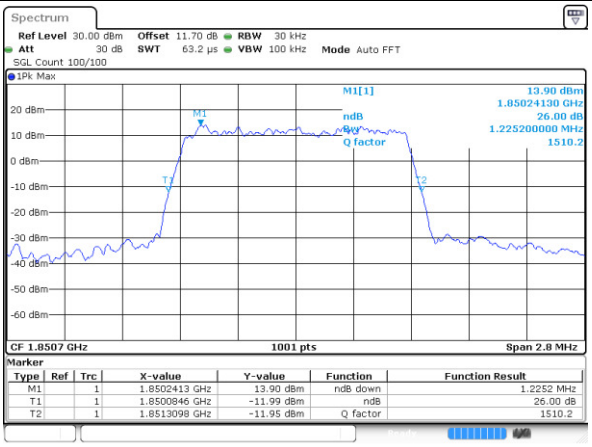


Highest Channel / 20MHz / 16QAM

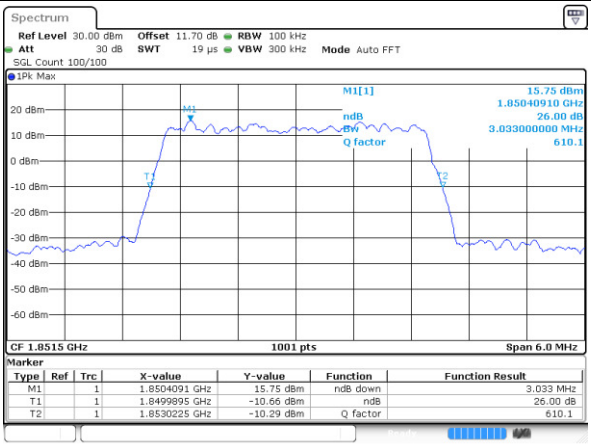


LTE Band 25

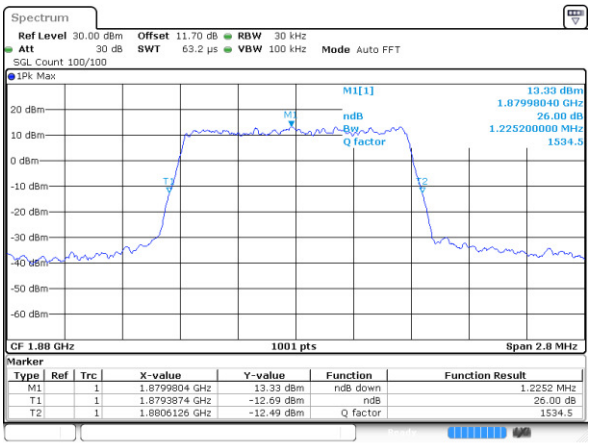
Lowest Channel / 1.4MHz / 64QAM



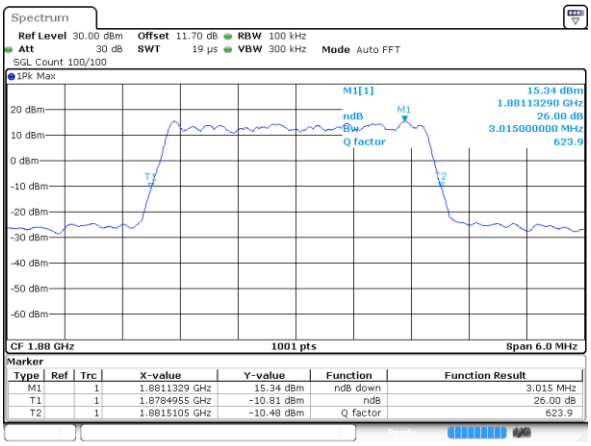
Lowest Channel / 3MHz / 64QAM



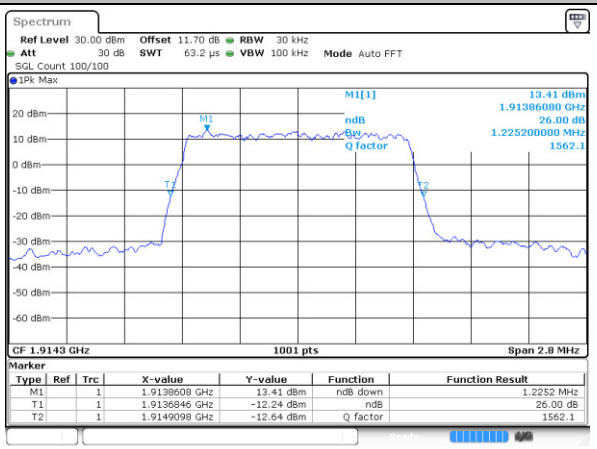
Middle Channel / 1.4MHz / 64QAM



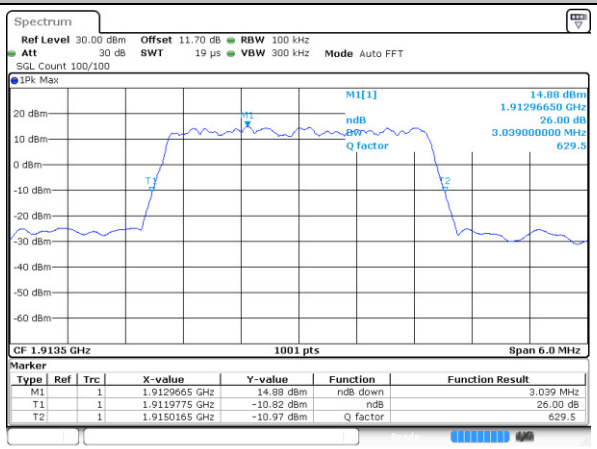
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

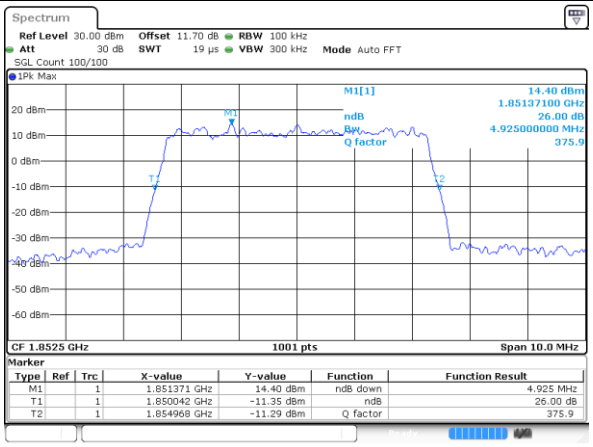


Highest Channel / 3MHz / 64QAM

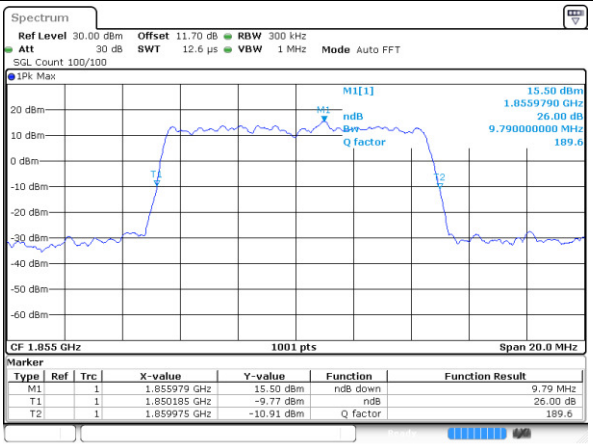


LTE Band 25

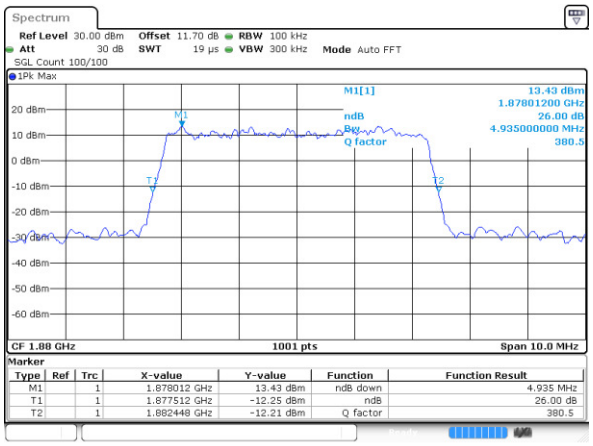
Lowest Channel / 5MHz / 64QAM



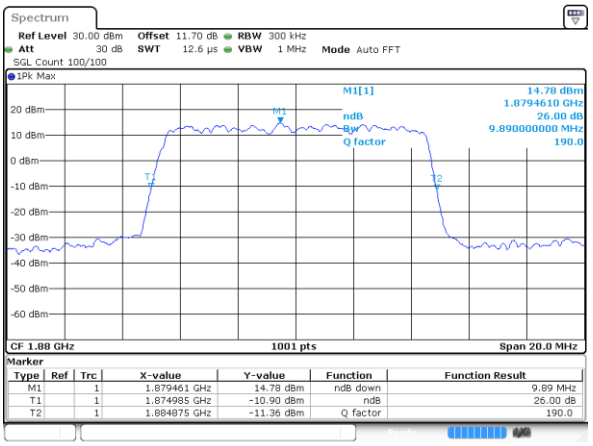
Lowest Channel / 10MHz / 64QAM



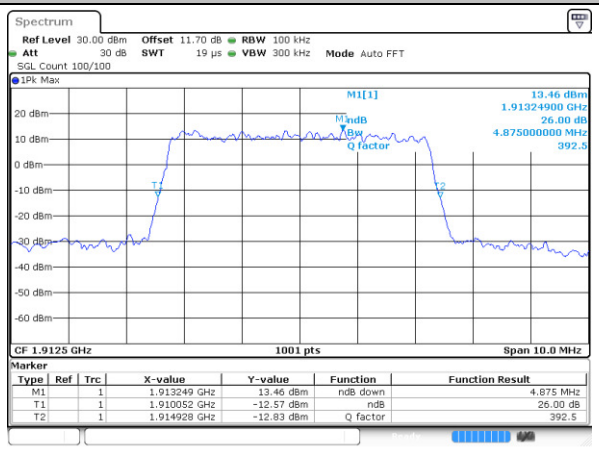
Middle Channel / 5MHz / 64QAM



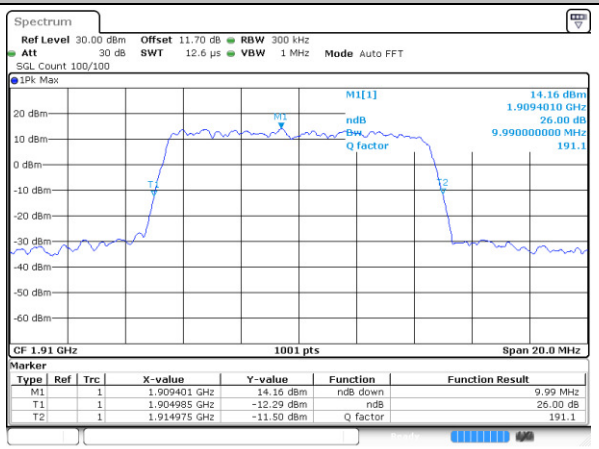
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

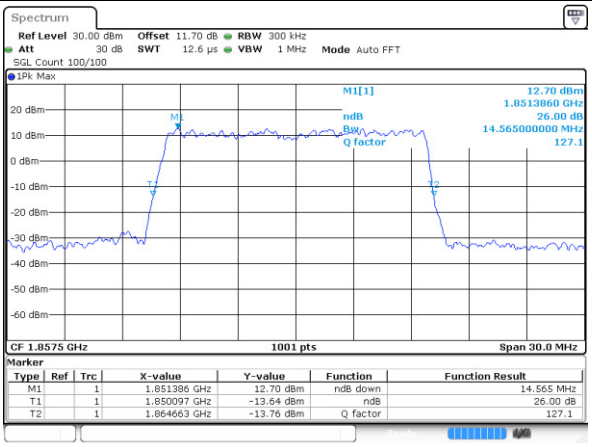


Highest Channel / 10MHz / 64QAM

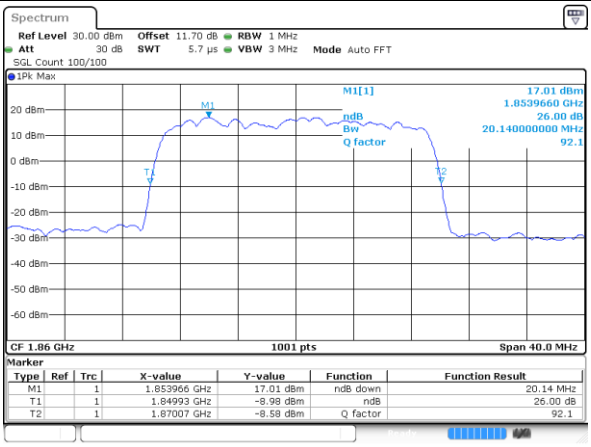


LTE Band 25

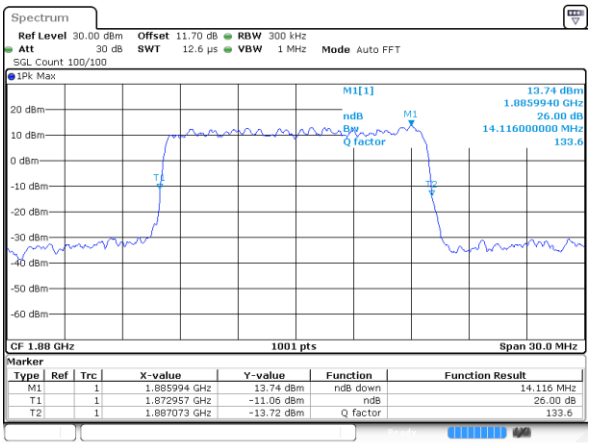
Lowest Channel / 15MHz / 64QAM



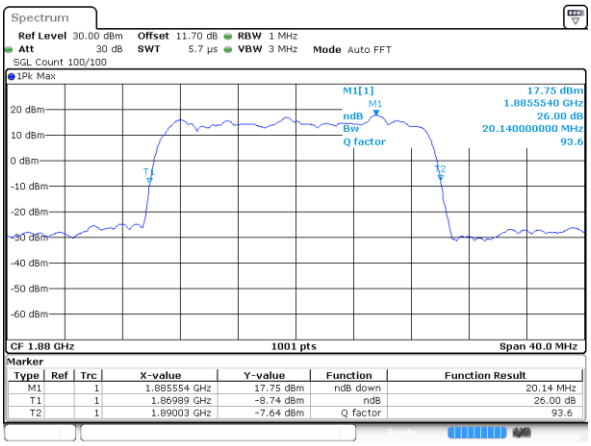
Lowest Channel / 20MHz / 64QAM



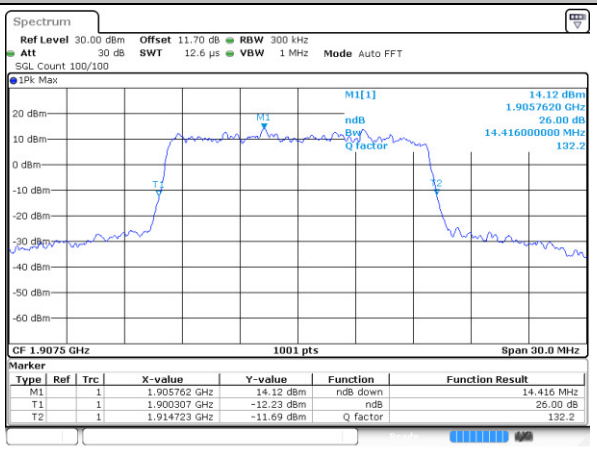
Middle Channel / 15MHz / 64QAM



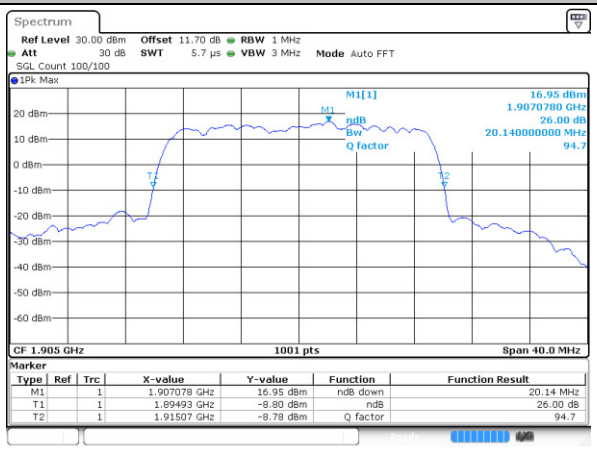
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

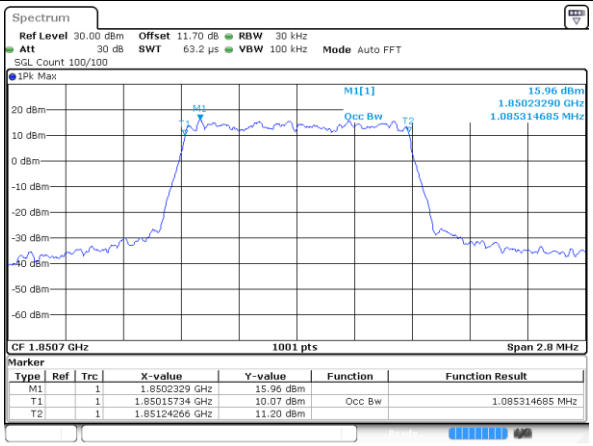


Occupied Bandwidth

Mode	LTE Band 25 : 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	2.73	2.72	4.5	4.5	9.01	9.01	13.4	13.4	18.34	18.34
Middle CH	1.09	1.09	2.72	2.72	4.5	4.5	9.01	9.01	13.37	13.4	18.42	18.42
Highest CH	1.09	1.09	2.71	2.72	4.53	4.5	8.99	8.97	13.4	13.4	18.1	18.22
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	9.09	-	13.40	-	18.30	-
Middle CH	1.09	-	2.74	-	4.51	-	9.01	-	13.46	-	18.38	-
Highest CH	1.09	-	2.73	-	4.50	-	9.01	-	13.43	-	18.26	-

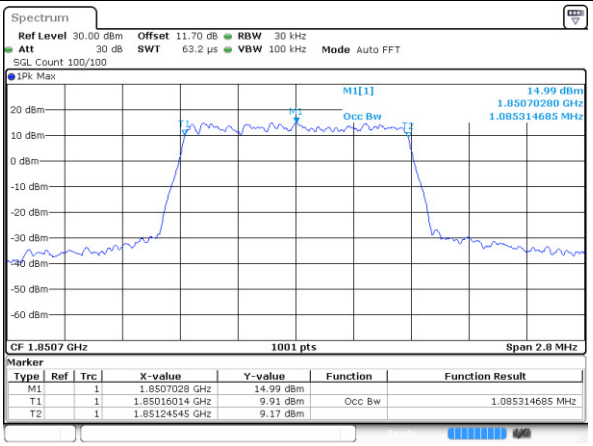
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



Date: 17.FEB.2018 04:27:00

Lowest Channel / 1.4MHz / 16QAM



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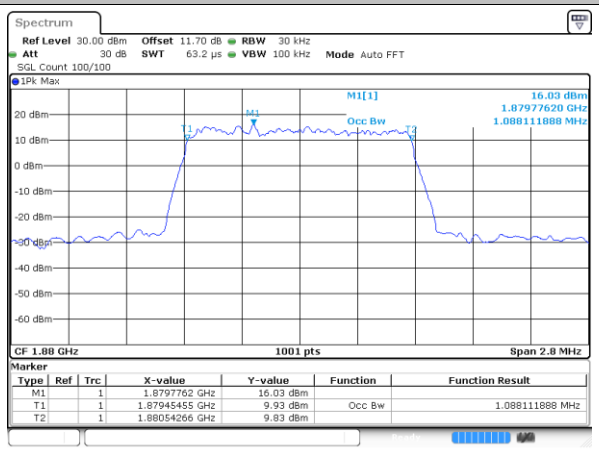
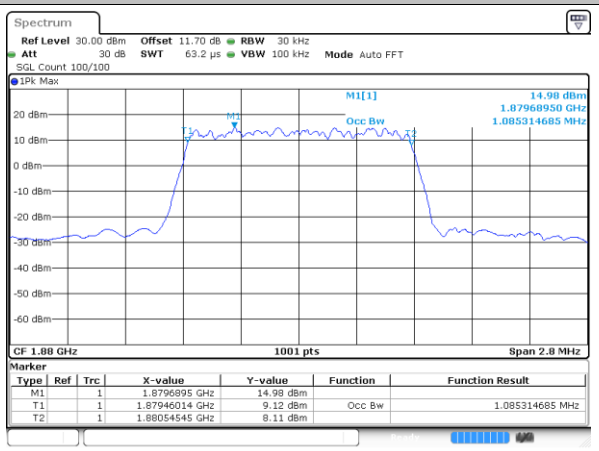
Middle Channel / 1.4MHz / QPSK



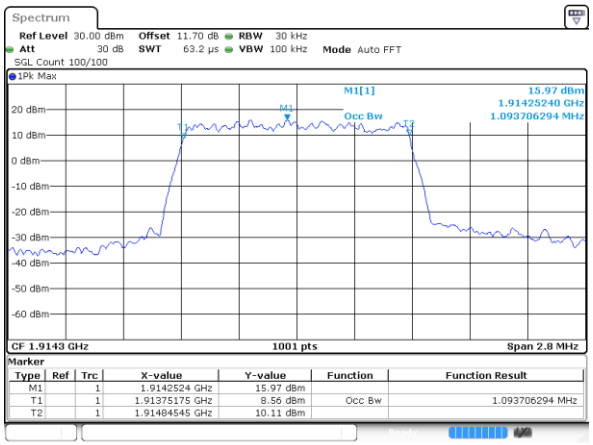
Date: 17.FEB.2018 04:33:56

Middle Channel / 1.4MHz / 16QAM



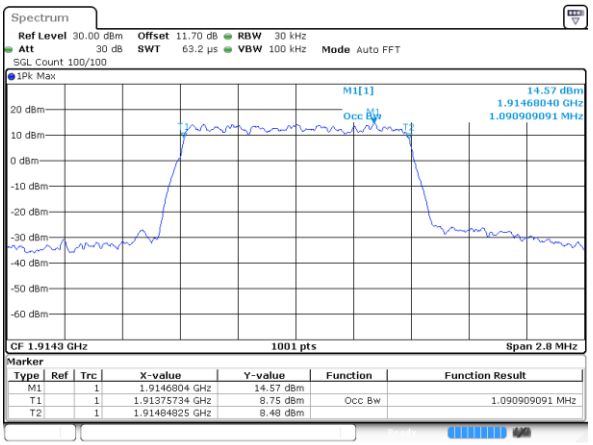
Date: 17.FEB.2018 04:34:06

Highest Channel / 1.4MHz / QPSK



Date: 17.FEB.2018 04:36:23

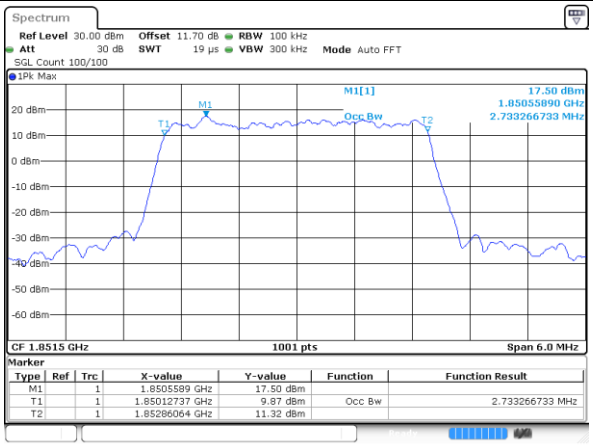
Highest Channel / 1.4MHz / 16QAM



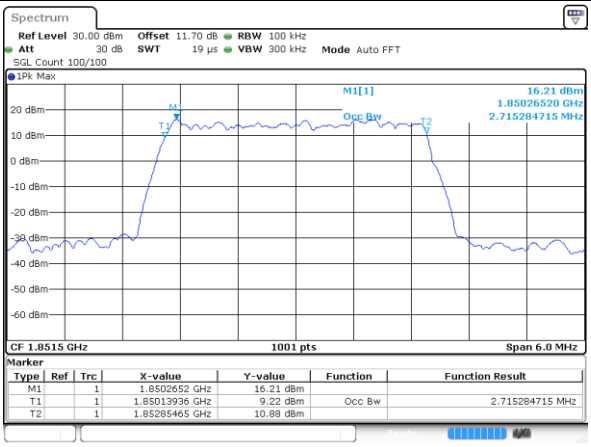
Date: 17.FEB.2018 04:36:33

LTE Band 25

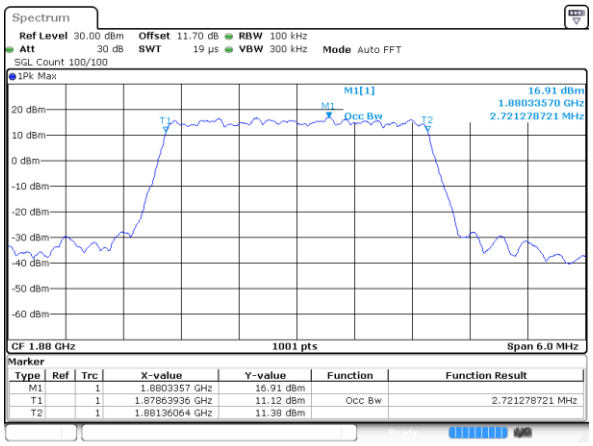
Lowest Channel / 3MHz / QPSK



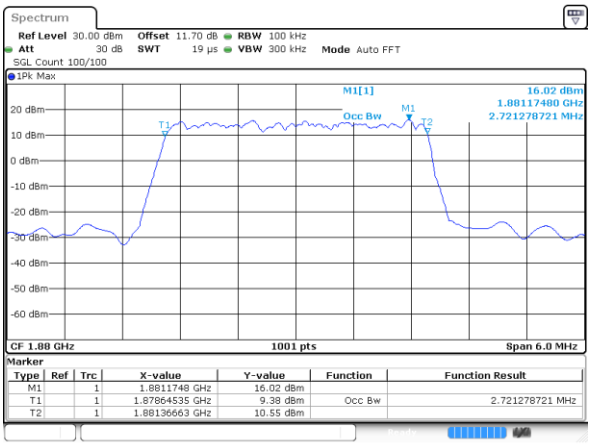
Lowest Channel / 3MHz / 16QAM



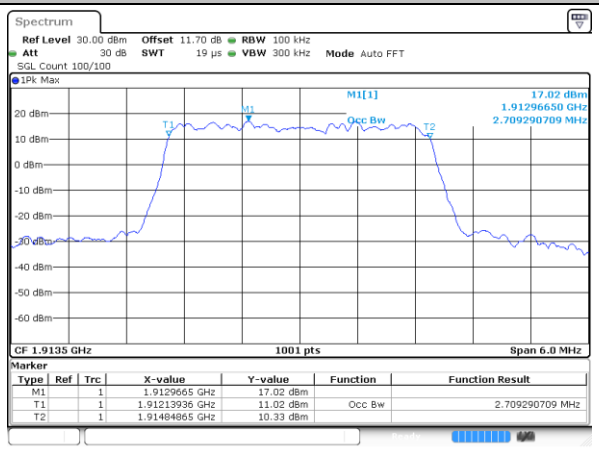
Middle Channel / 3MHz / QPSK



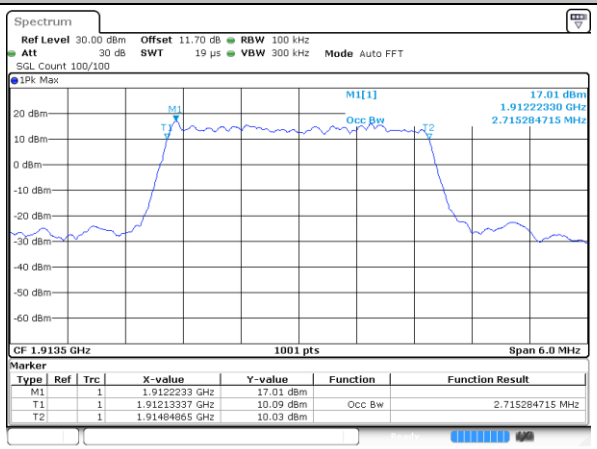
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

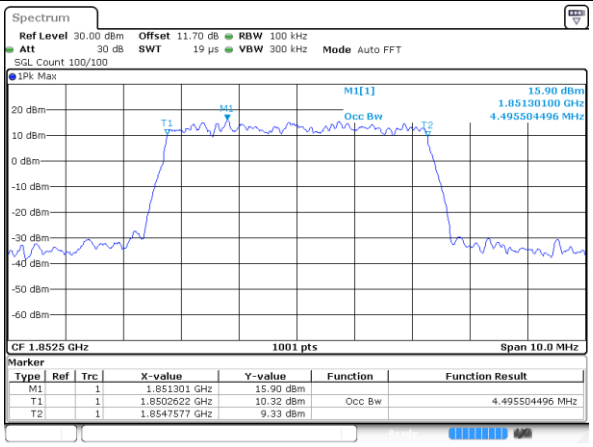


Highest Channel / 3MHz / 16QAM

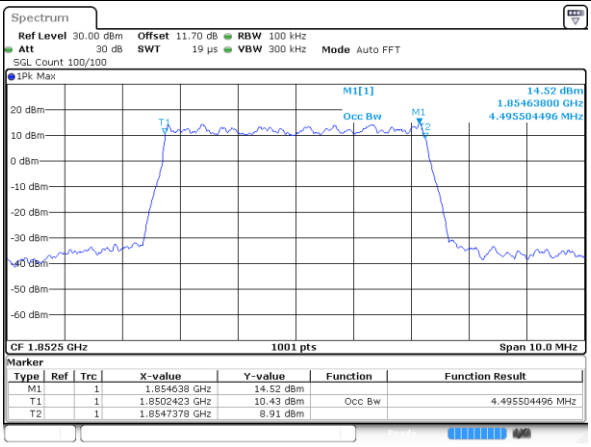


LTE Band 25

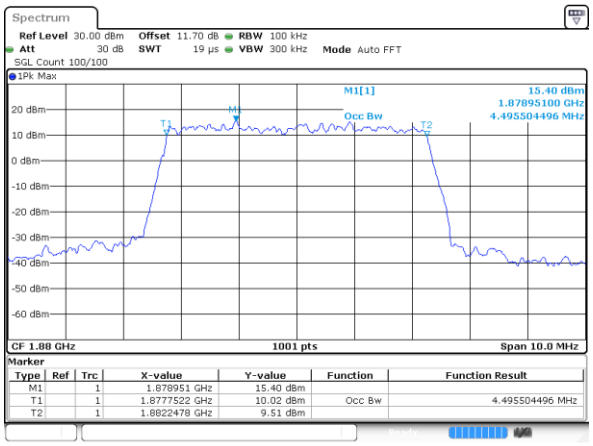
Lowest Channel / 5MHz / QPSK



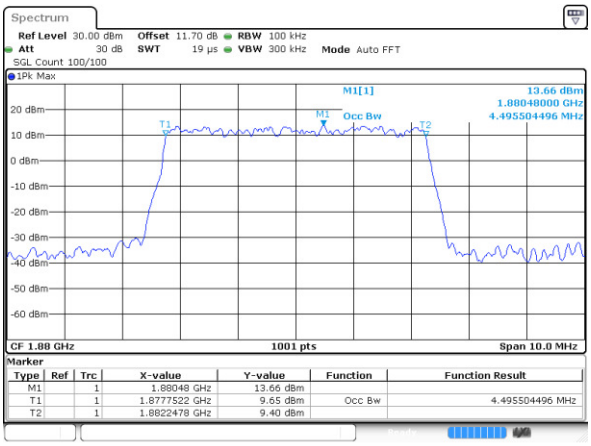
Lowest Channel / 5MHz / 16QAM



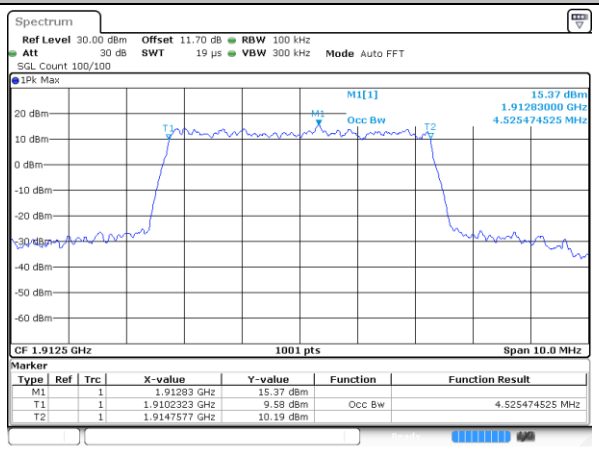
Middle Channel / 5MHz / QPSK



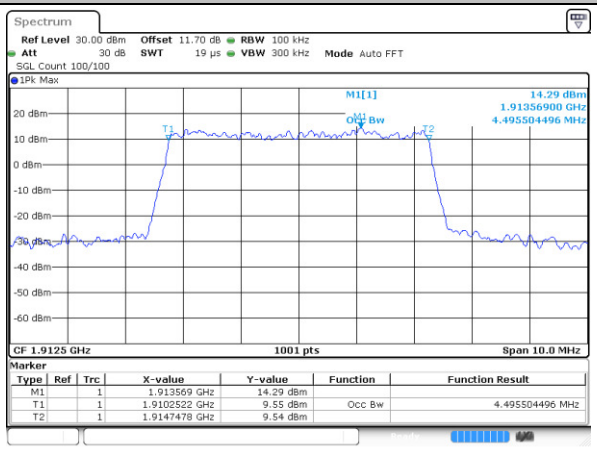
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

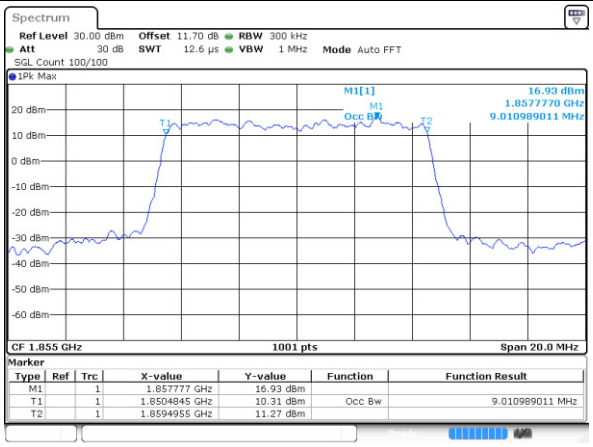


Highest Channel / 5MHz / 16QAM

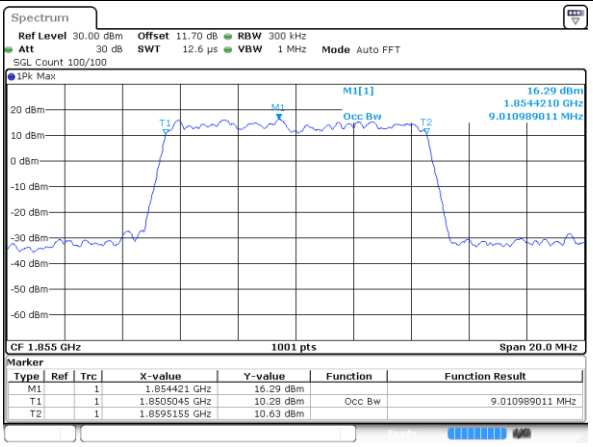


LTE Band 25

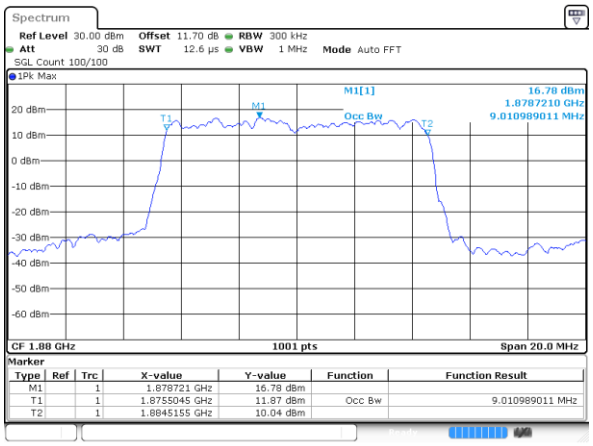
Lowest Channel / 10MHz / QPSK



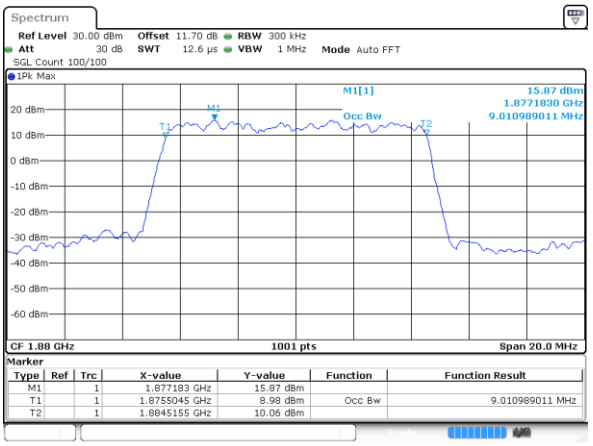
Lowest Channel / 10MHz / 16QAM



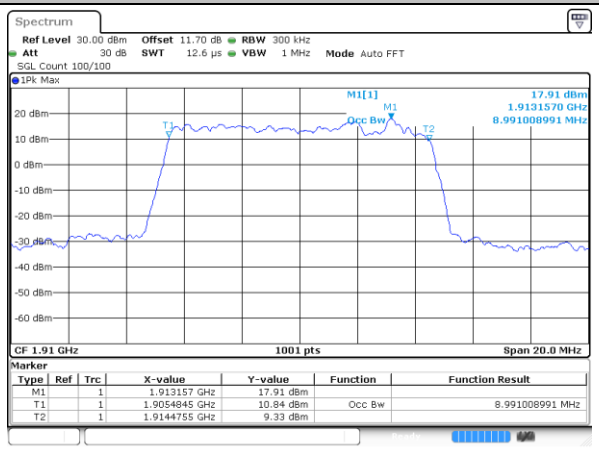
Middle Channel / 10MHz / QPSK



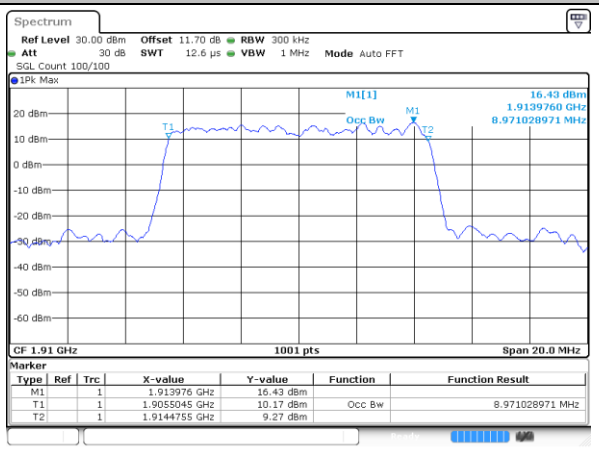
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

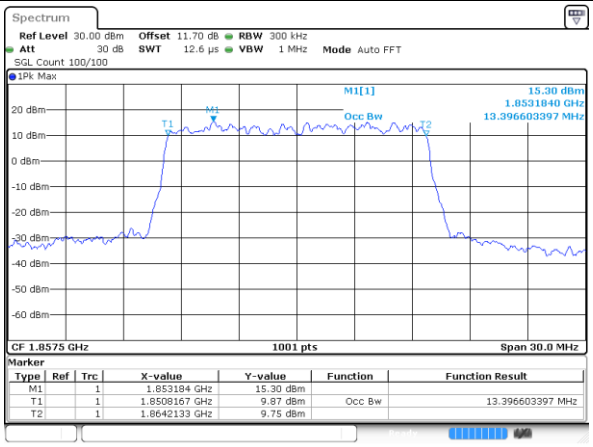


Highest Channel / 10MHz / 16QAM

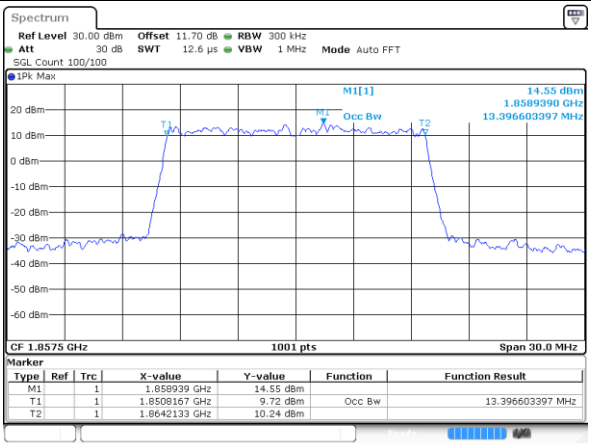


LTE Band 25

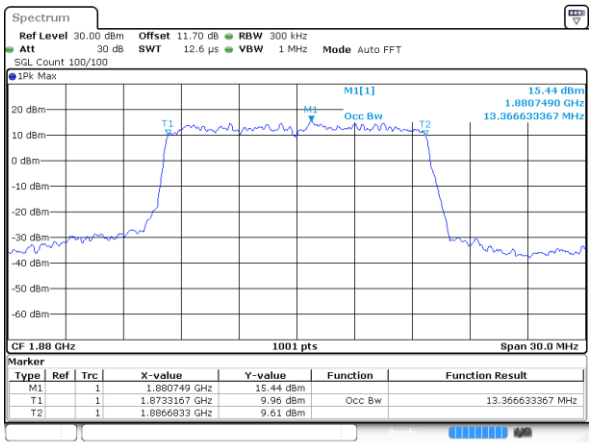
Lowest Channel / 15MHz / QPSK



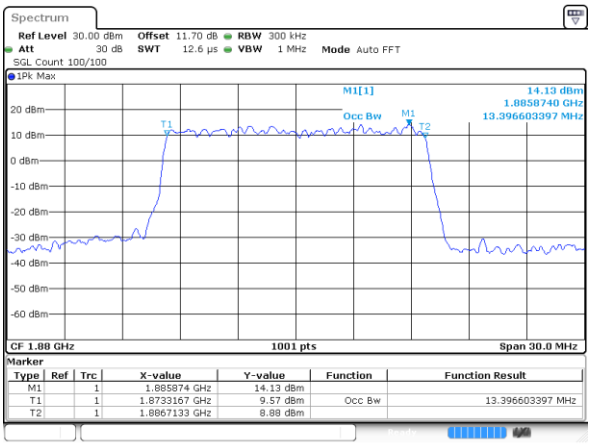
Lowest Channel / 15MHz / 16QAM



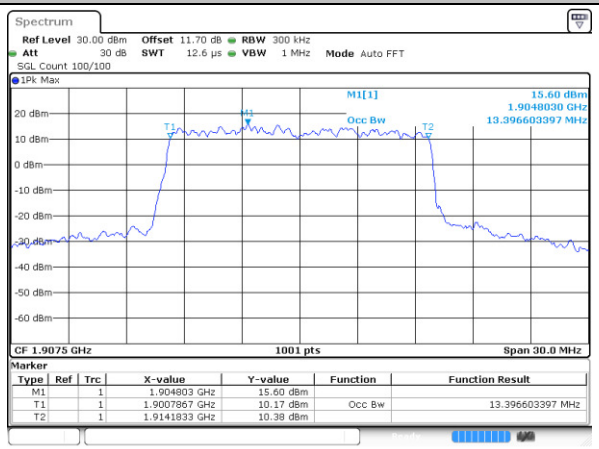
Middle Channel / 15MHz / QPSK



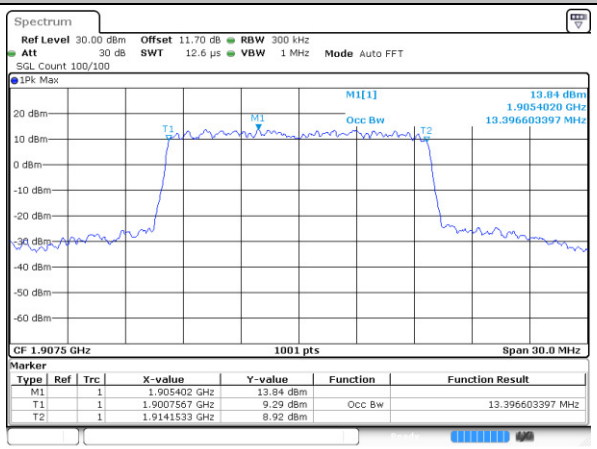
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

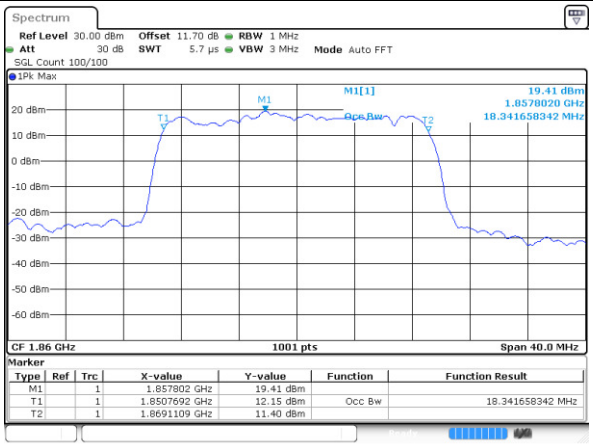


Highest Channel / 15MHz / 16QAM

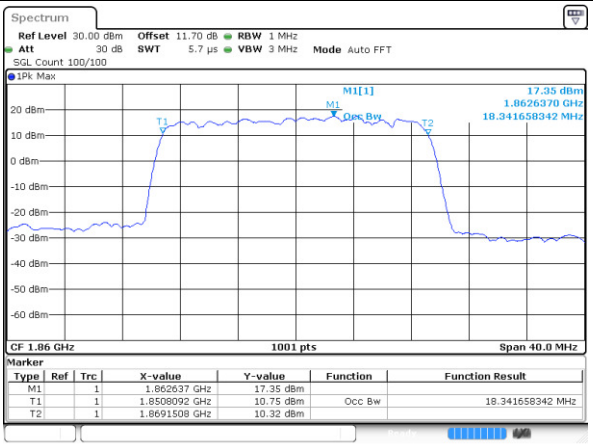


LTE Band 25

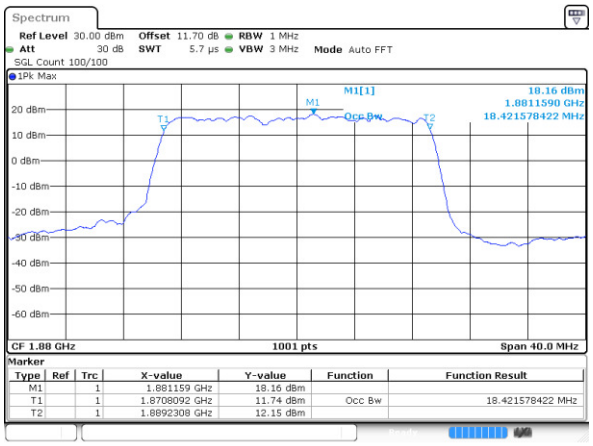
Lowest Channel / 20MHz / QPSK



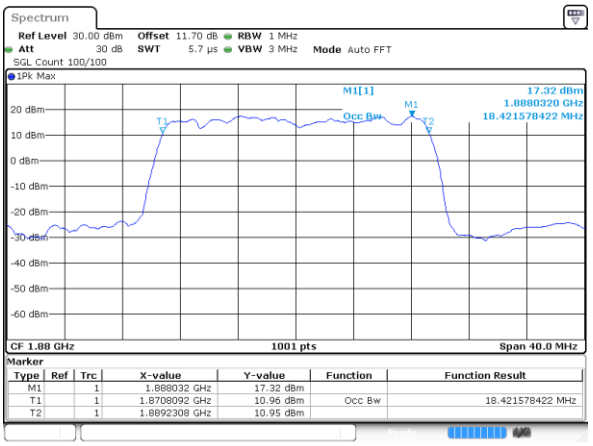
Lowest Channel / 20MHz / 16QAM



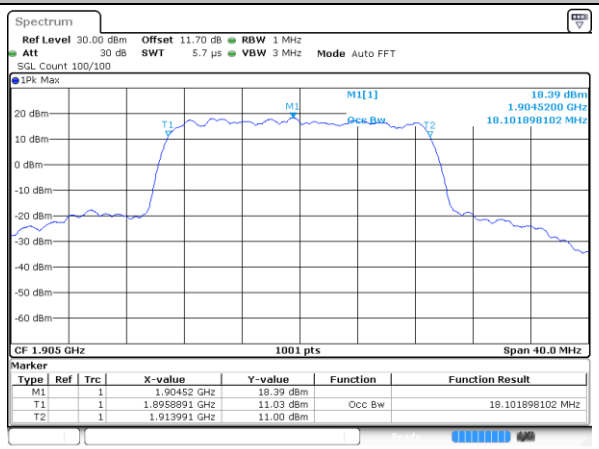
Middle Channel / 20MHz / QPSK



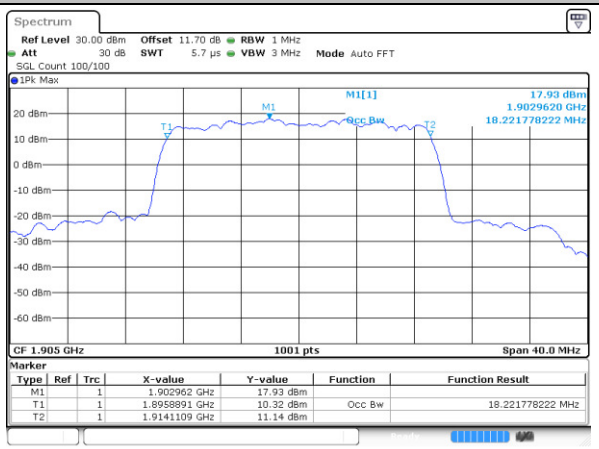
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

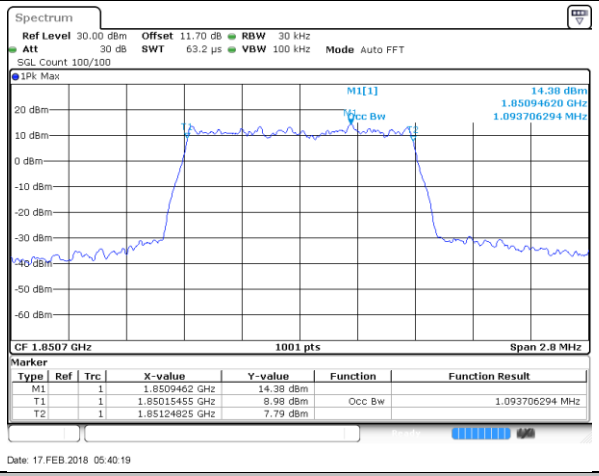


Highest Channel / 20MHz / 16QAM

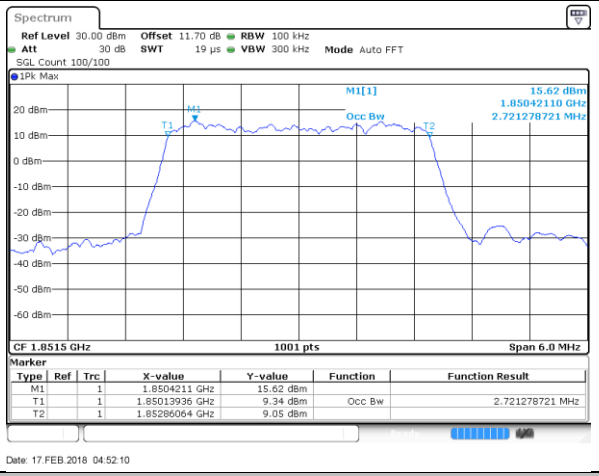


LTE Band 25

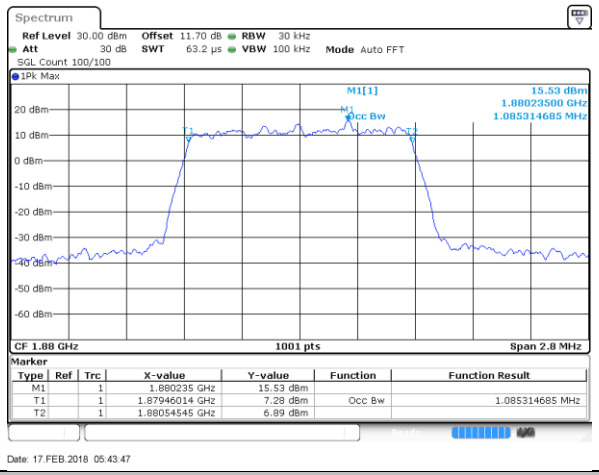
Lowest Channel / 1.4MHz / 64QAM



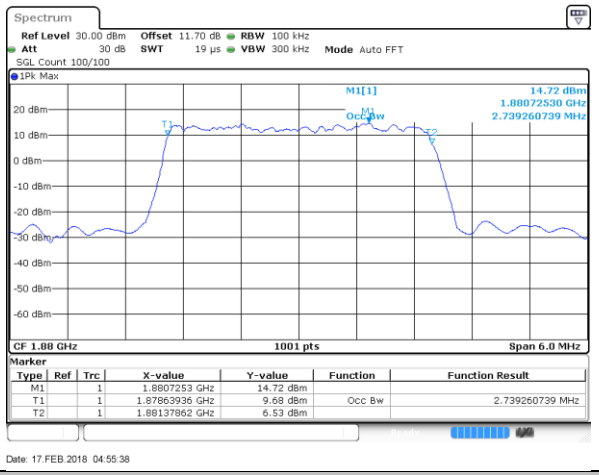
Lowest Channel / 3MHz / 64QAM



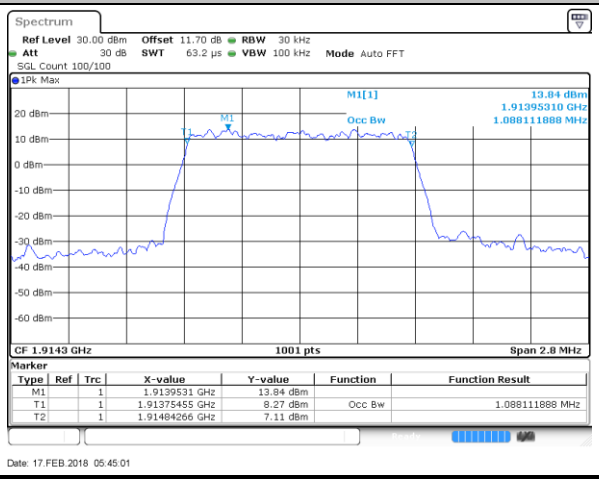
Middle Channel / 1.4MHz / 64QAM



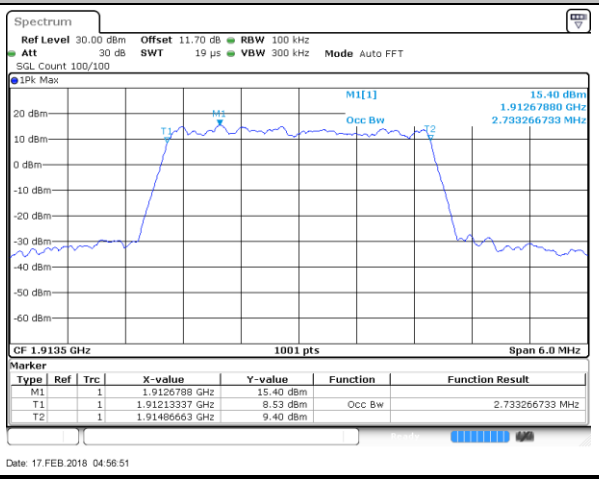
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

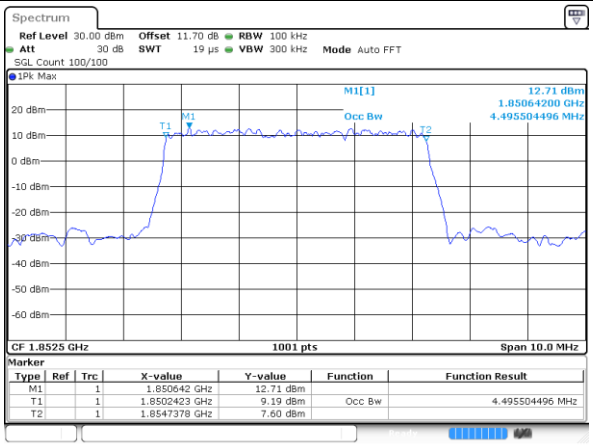


Highest Channel / 3MHz / 64QAM

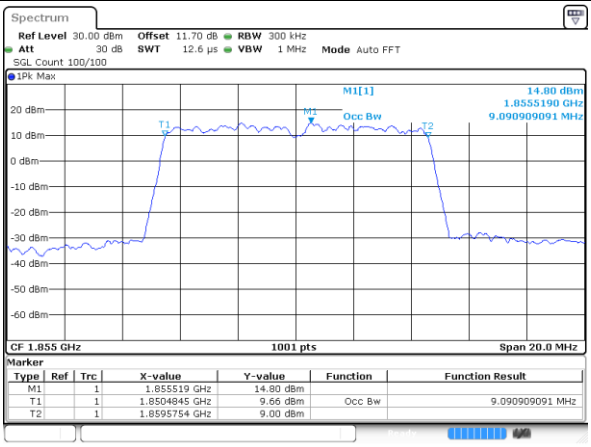


LTE Band 25

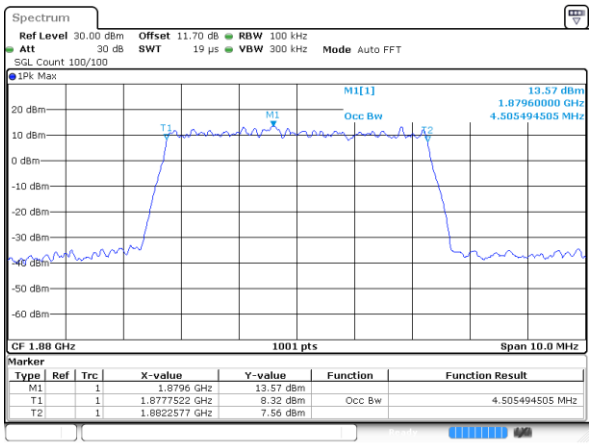
Lowest Channel / 5MHz / 64QAM



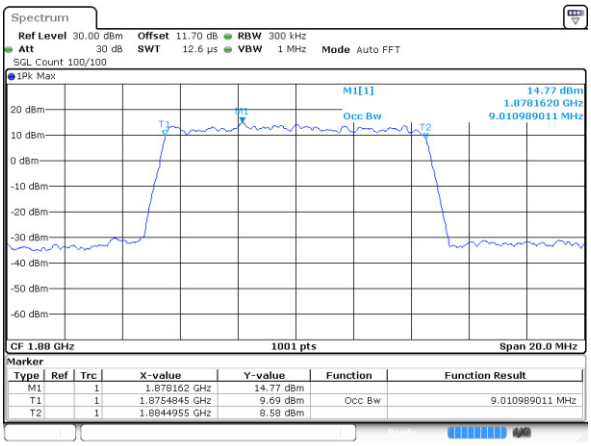
Lowest Channel / 10MHz / 64QAM



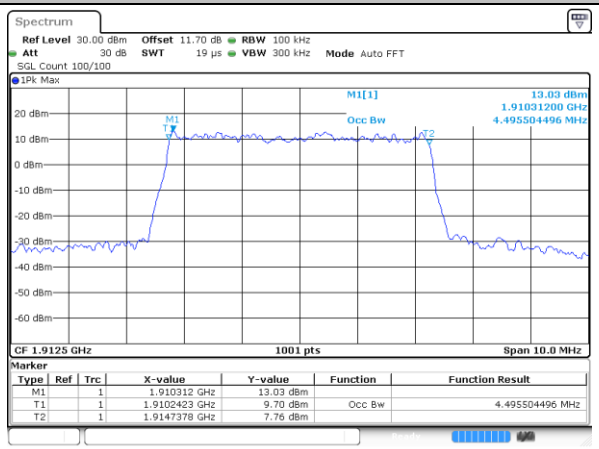
Middle Channel / 5MHz / 64QAM



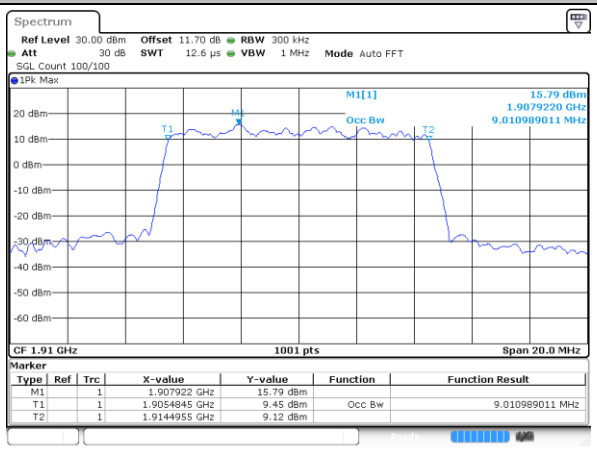
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

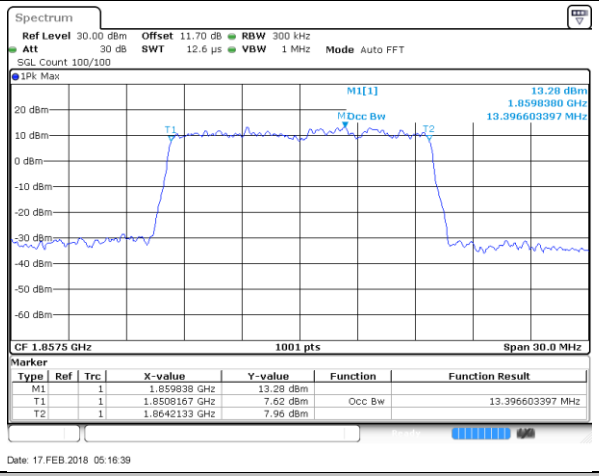


Highest Channel / 10MHz / 64QAM

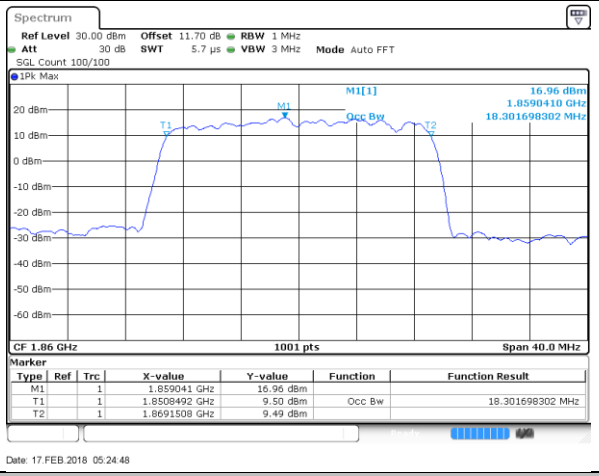


LTE Band 25

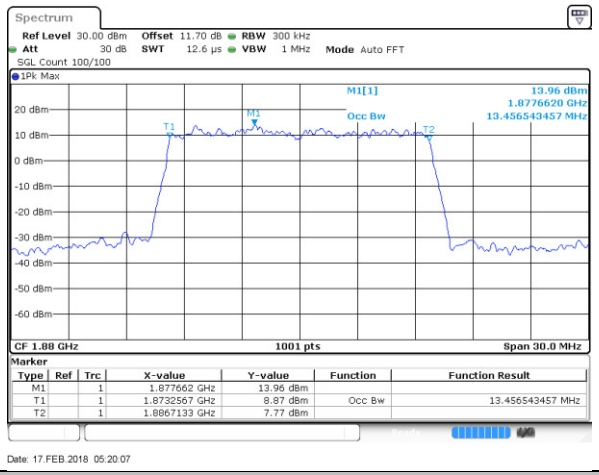
Lowest Channel / 15MHz / 64QAM



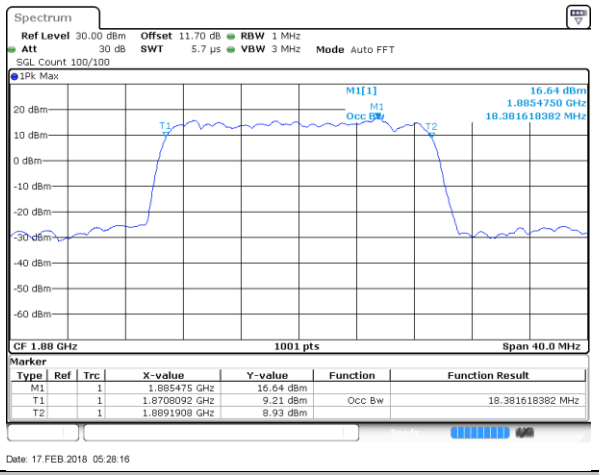
Lowest Channel / 20MHz / 64QAM



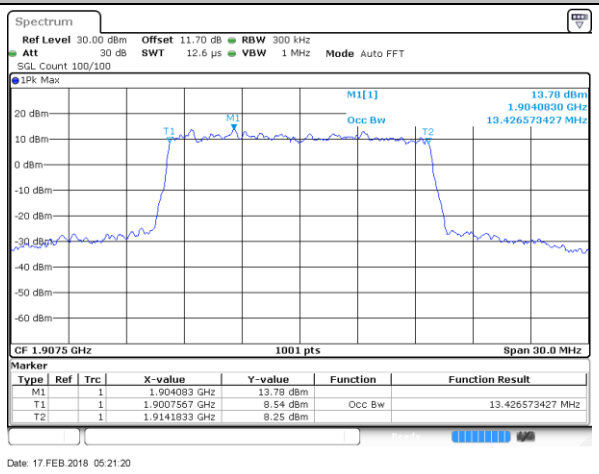
Middle Channel / 15MHz / 64QAM



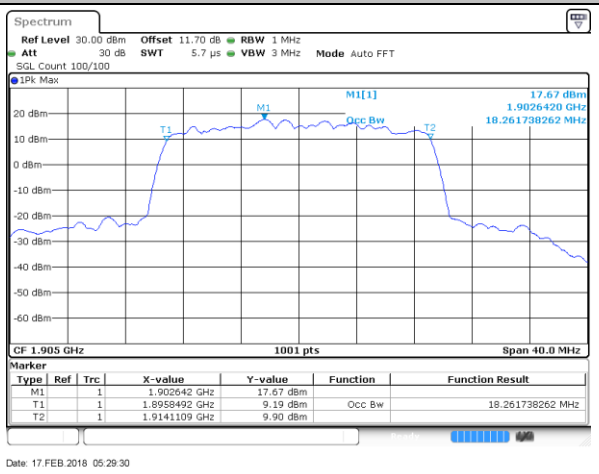
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



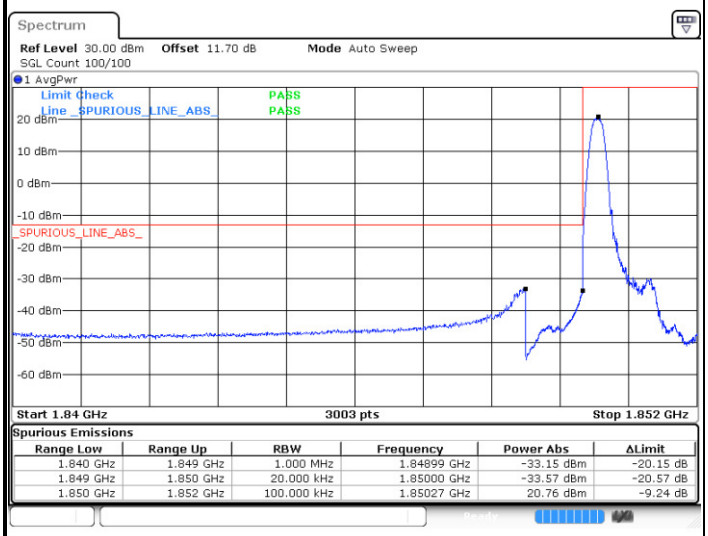
Highest Channel / 20MHz / 64QAM



Conducted Band Edge

LTE Band 25 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

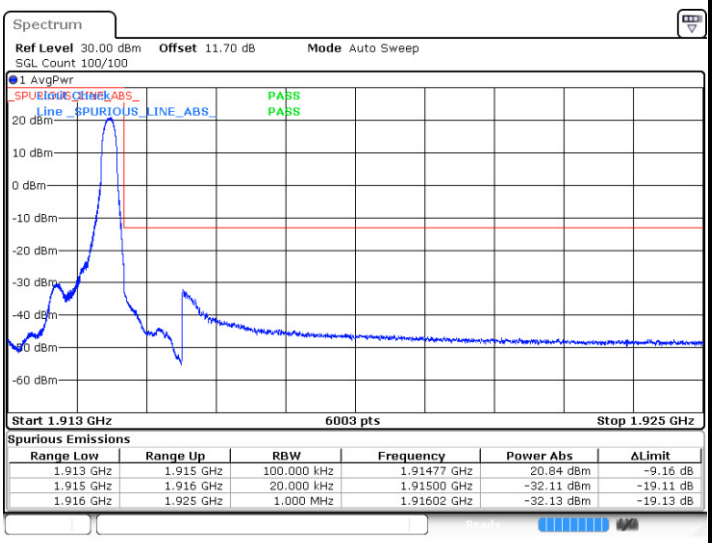


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-33.15 dBm	-20.15 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-33.57 dBm	-20.57 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85027 GHz	20.76 dBm	-9.24 dB

Date: 17.FEB.2018 11:40:20

Highest Band Edge / 1RB

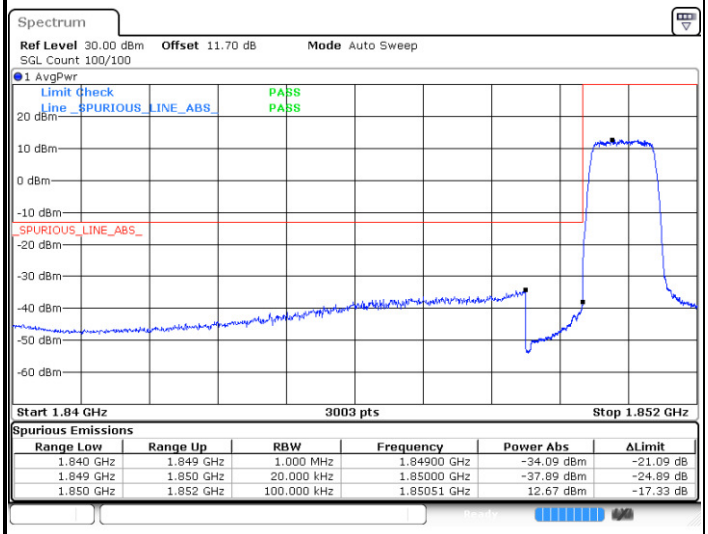


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91477 GHz	20.84 dBm	-9.16 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-32.11 dBm	-19.11 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91602 GHz	-32.13 dBm	-19.13 dB

Date: 17.FEB.2018 04:41:23

Lowest Band Edge / Full RB

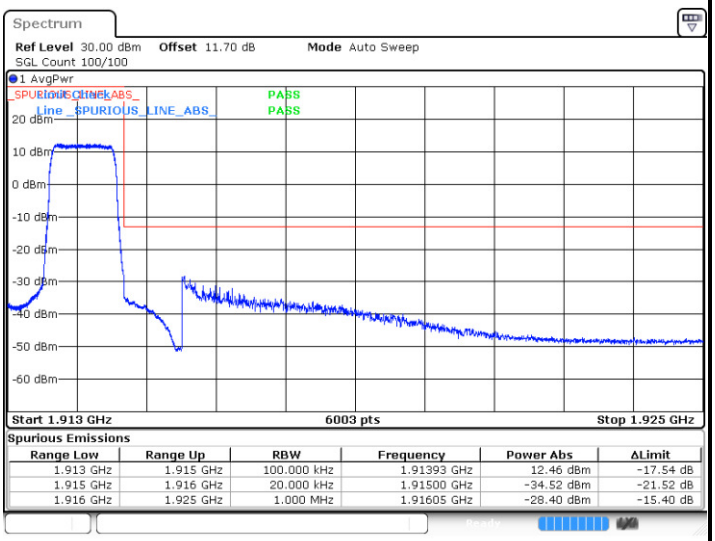


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-34.09 dBm	-21.09 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-37.89 dBm	-24.89 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85051 GHz	12.67 dBm	-17.33 dB

Date: 17.FEB.2018 11:34:20

Highest Band Edge / Full RB



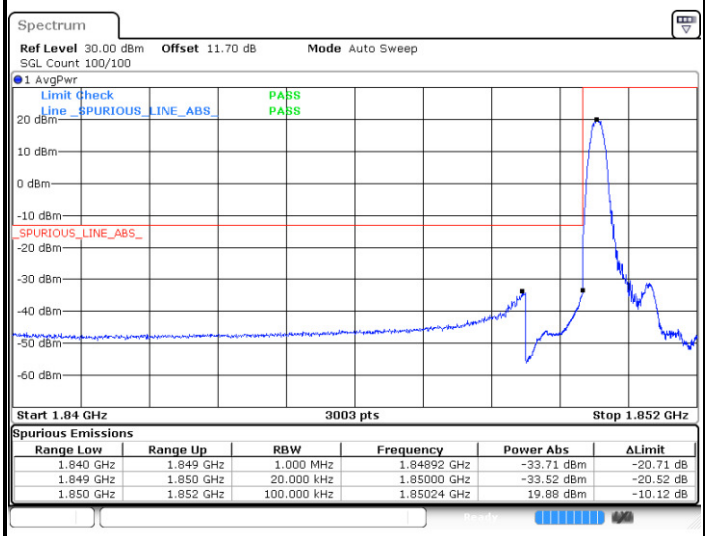
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91393 GHz	12.46 dBm	-17.54 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-34.52 dBm	-21.52 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91605 GHz	-28.40 dBm	-15.40 dB

Date: 17.FEB.2018 04:38:01

LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

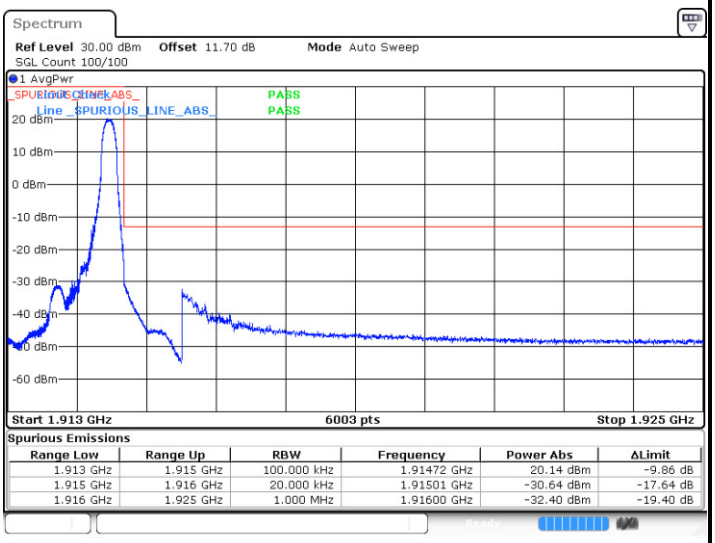


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-33.71 dBm	-20.71 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-33.52 dBm	-20.52 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85024 GHz	19.88 dBm	-10.12 dB

Date: 17.FEB.2018 11:41:26

Highest Band Edge / 1 RB

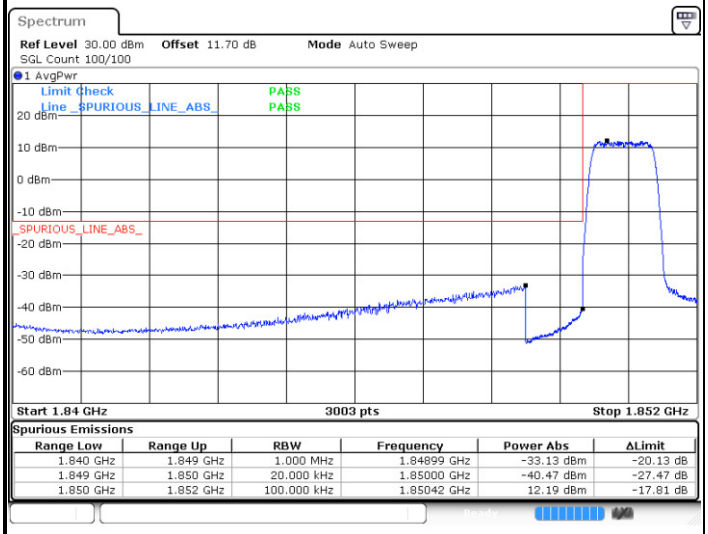


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91472 GHz	20.14 dBm	-9.86 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91501 GHz	-30.64 dBm	-17.64 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91600 GHz	-32.40 dBm	-19.40 dB

Date: 17.FEB.2018 04:40:15

Lowest Band Edge / Full RB

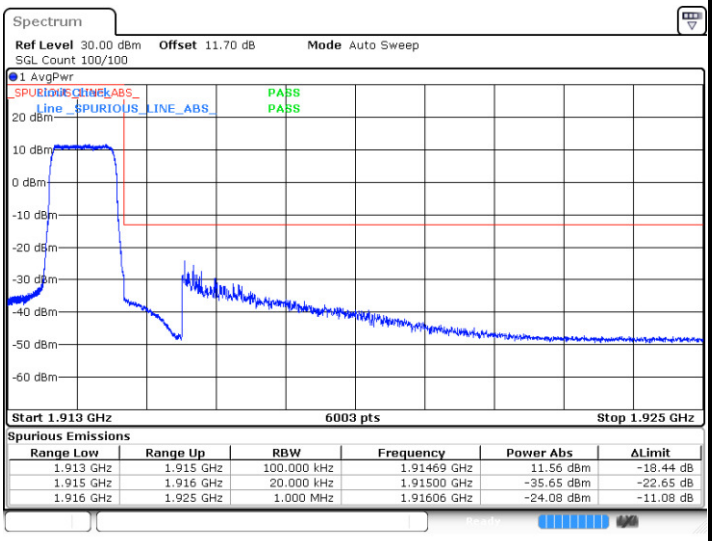


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-33.13 dBm	-20.13 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-40.47 dBm	-27.47 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85042 GHz	12.19 dBm	-17.81 dB

Date: 17.FEB.2018 11:35:58

Highest Band Edge / Full RB



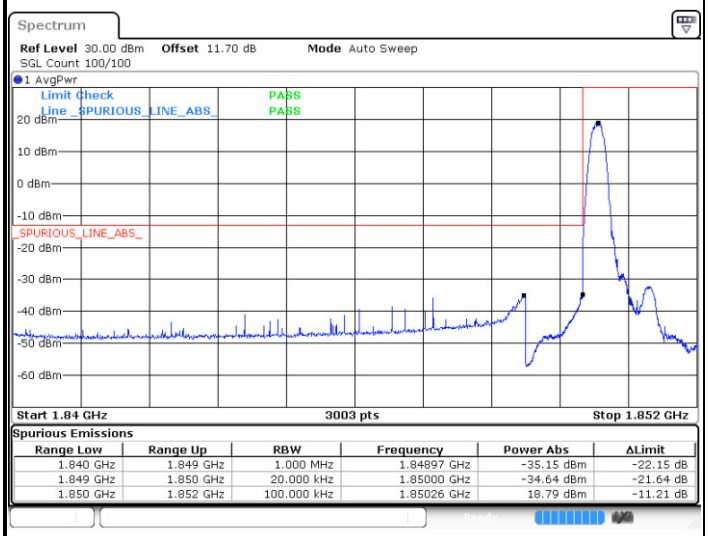
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91469 GHz	11.56 dBm	-18.44 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-35.65 dBm	-22.65 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91606 GHz	-24.08 dBm	-11.08 dB

Date: 17.FEB.2018 04:39:08

LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

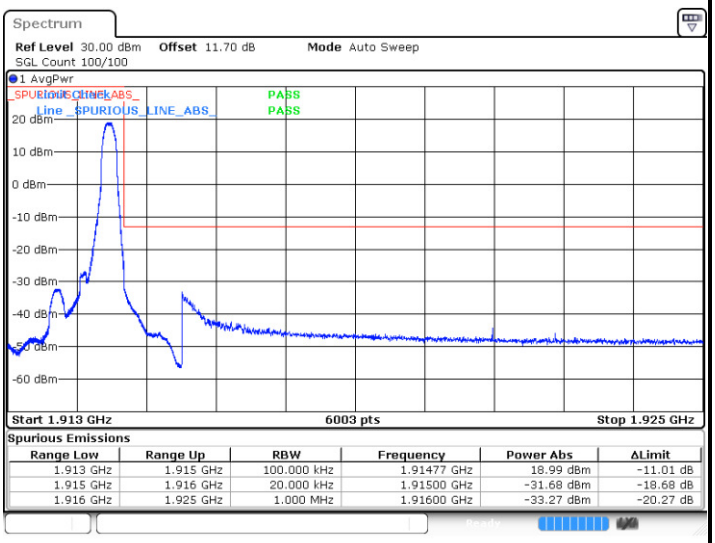


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-35.15 dBm	-22.15 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-34.64 dBm	-21.64 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85026 GHz	18.79 dBm	-11.21 dB

Date: 17.FEB.2018 11:42:41

Highest Band Edge / 1 RB

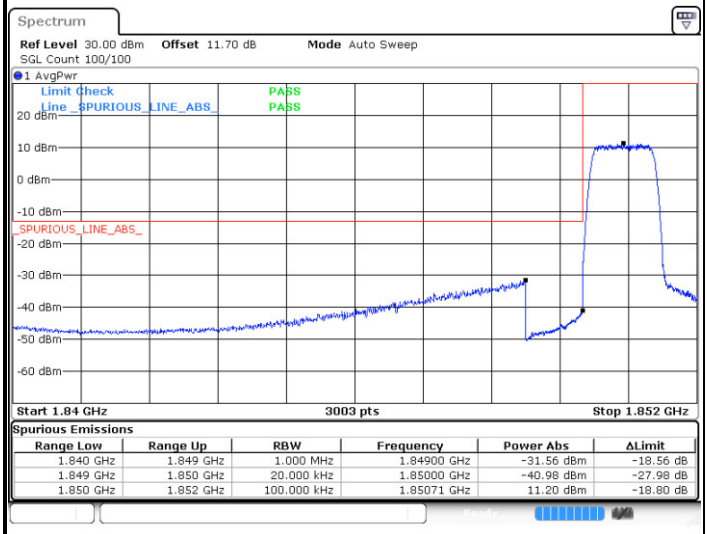


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91477 GHz	18.99 dBm	-11.01 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91500 GHz	-31.68 dBm	-18.68 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91600 GHz	-33.27 dBm	-20.27 dB

Date: 17.FEB.2018 05:47:26

Lowest Band Edge / Full RB

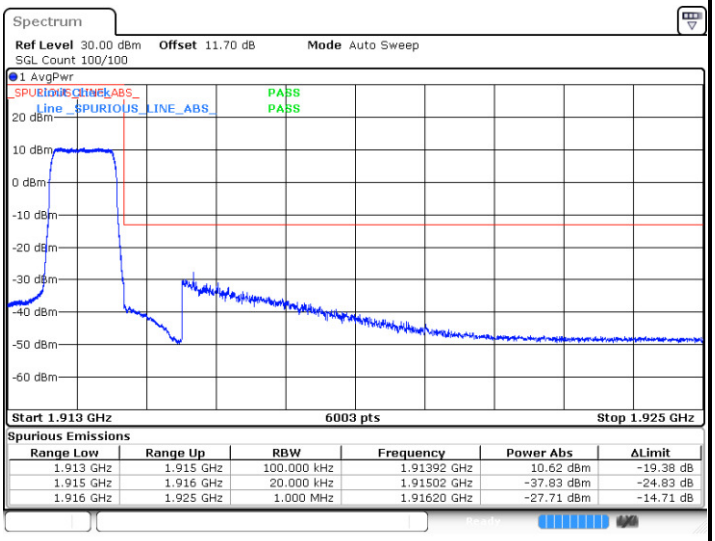


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-31.56 dBm	-18.56 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-40.98 dBm	-27.98 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85071 GHz	11.20 dBm	-18.80 dB

Date: 17.FEB.2018 05:42:44

Highest Band Edge / Full RB



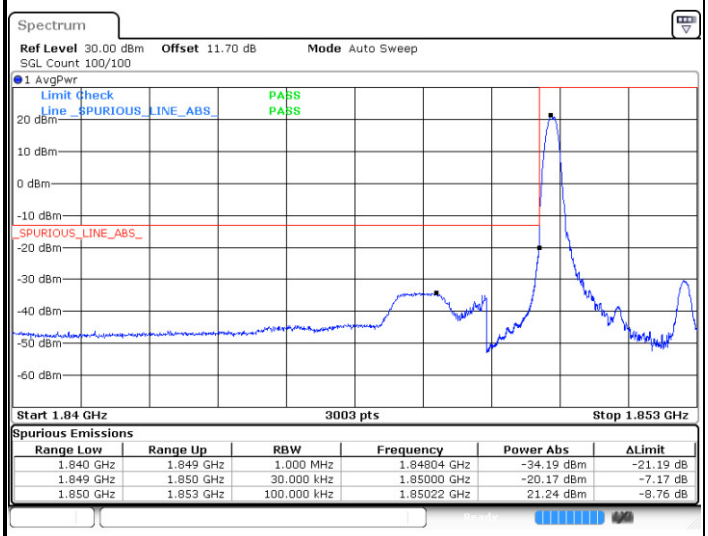
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.913 GHz	1.915 GHz	100.000 kHz	1.91392 GHz	10.62 dBm	-19.38 dB
1.915 GHz	1.916 GHz	20.000 kHz	1.91502 GHz	-37.83 dBm	-24.83 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91620 GHz	-27.71 dBm	-14.71 dB

Date: 17.FEB.2018 05:46:18

LTE Band 25 / 3MHz / QPSK

Lowest Band Edge / 1RB

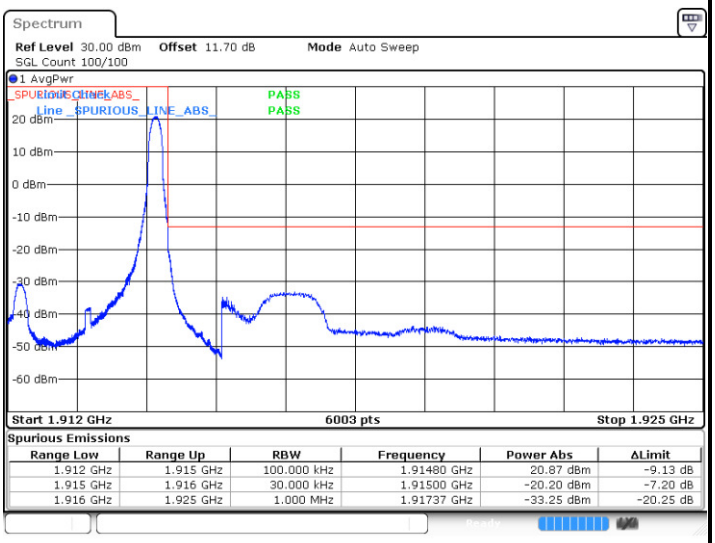


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84804 GHz	-34.19 dBm	-21.19 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-20.17 dBm	-7.17 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85022 GHz	21.24 dBm	-8.76 dB

Date: 17.FEB.2018 03:06:03

Highest Band Edge / 1 RB

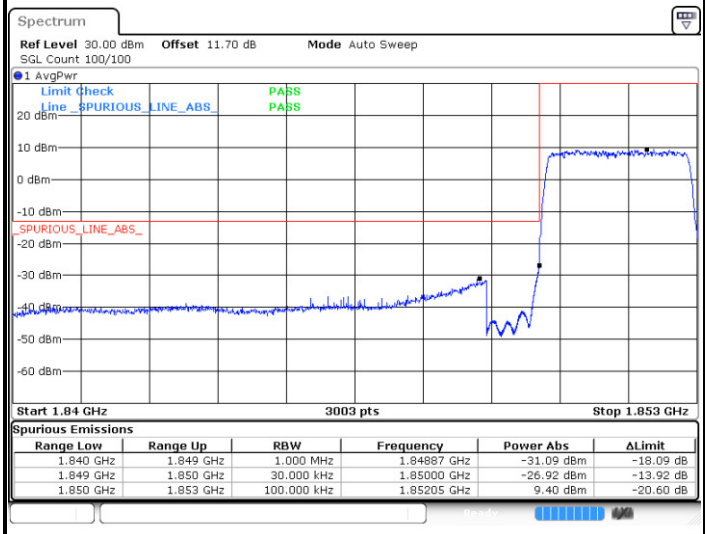


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91480 GHz	20.87 dBm	-9.13 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-20.20 dBm	-7.20 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91737 GHz	-33.25 dBm	-20.25 dB

Date: 17.FEB.2018 03:18:48

Lowest Band Edge / Full RB

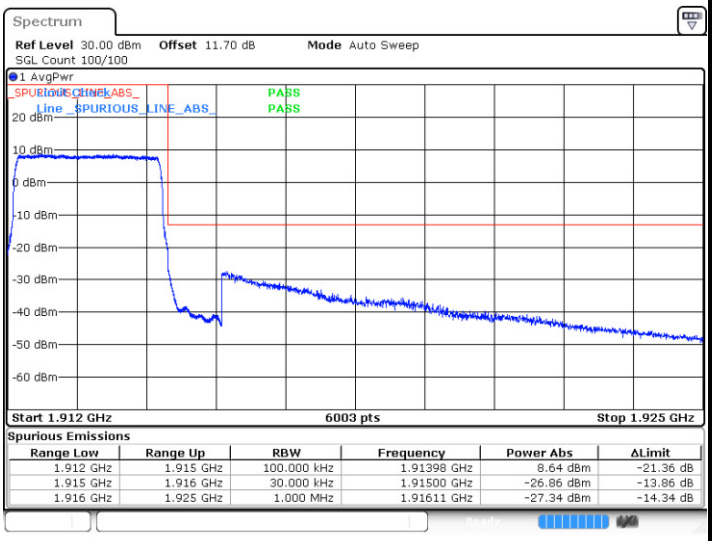


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84887 GHz	-31.09 dBm	-18.09 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-26.92 dBm	-13.92 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85205 GHz	9.40 dBm	-20.60 dB

Date: 17.FEB.2018 03:08:17

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.912 GHz	1.915 GHz	100.000 kHz	1.91398 GHz	8.64 dBm	-21.36 dB
1.915 GHz	1.916 GHz	30.000 kHz	1.91500 GHz	-26.86 dBm	-13.86 dB
1.916 GHz	1.925 GHz	1.000 MHz	1.91611 GHz	-27.34 dBm	-14.34 dB

Date: 17.FEB.2018 03:15:27