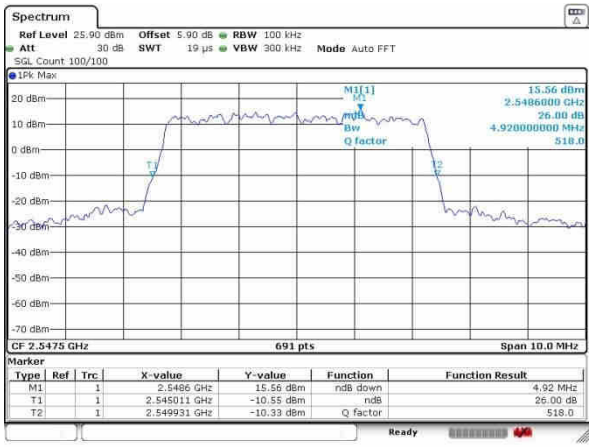
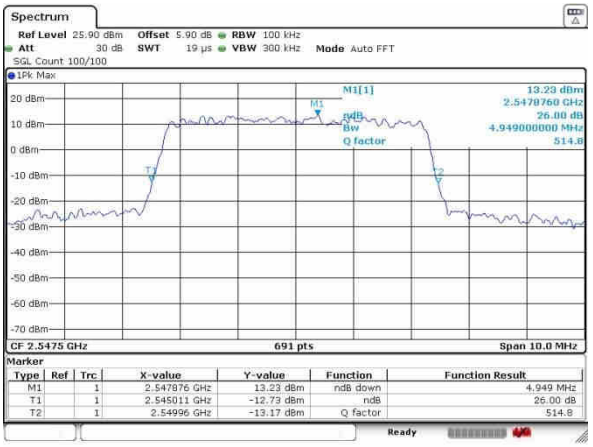
LTE Band 41

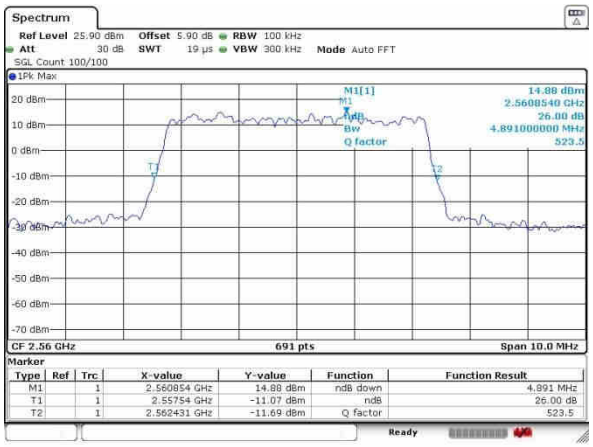
Lowest Channel / 5MHz / QPSK



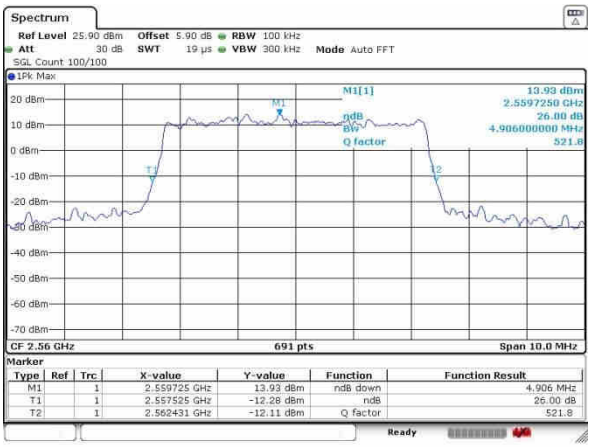
Lowest Channel / 5MHz / 16QAM



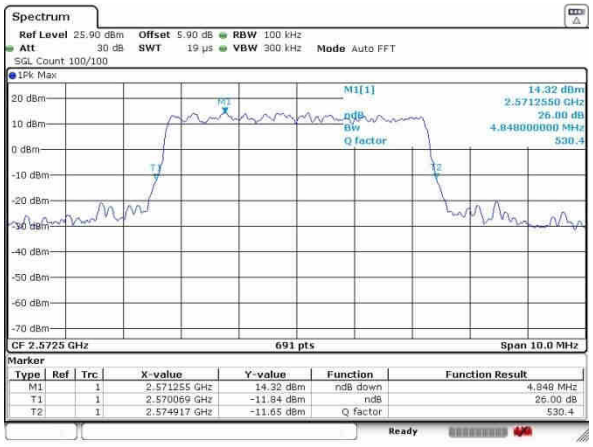
Middle Channel / 5MHz / QPSK



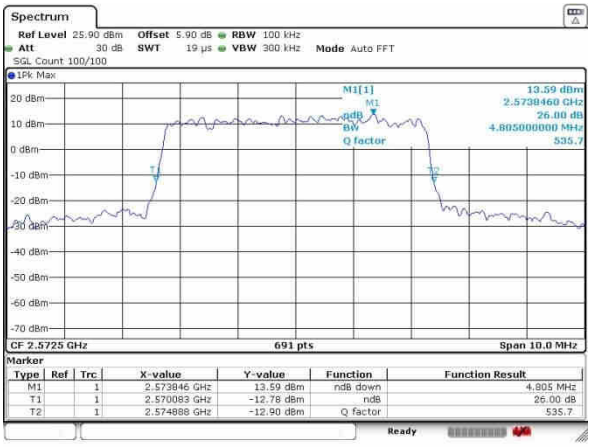
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

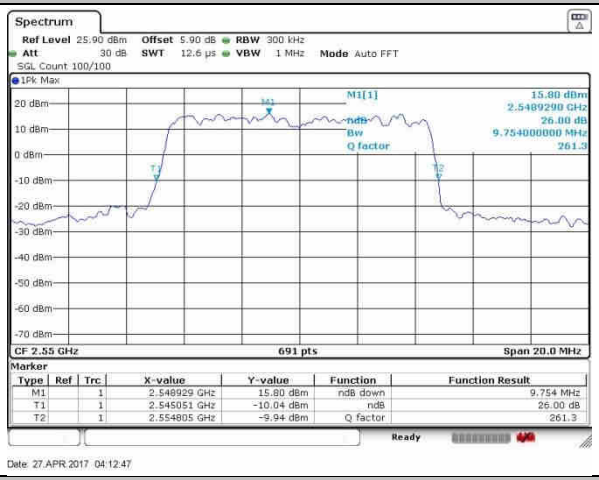


Highest Channel / 5MHz / 16QAM

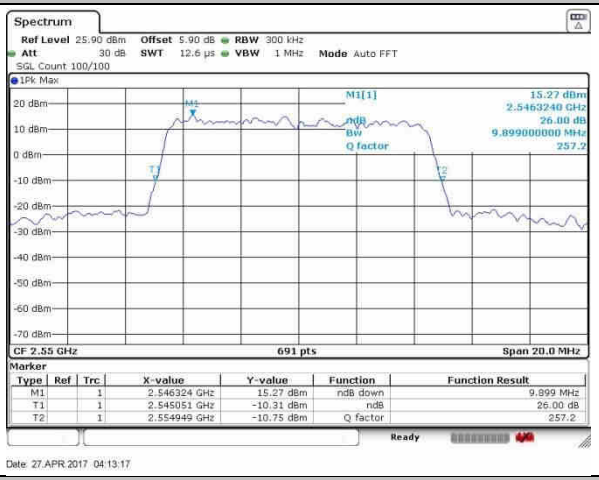


LTE Band 41

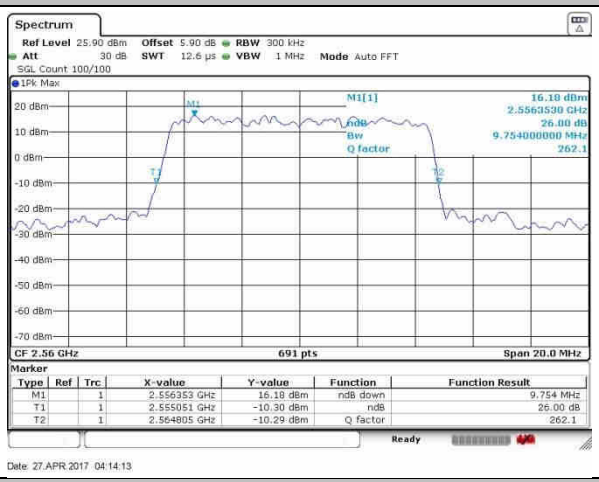
Lowest Channel / 10MHz / QPSK



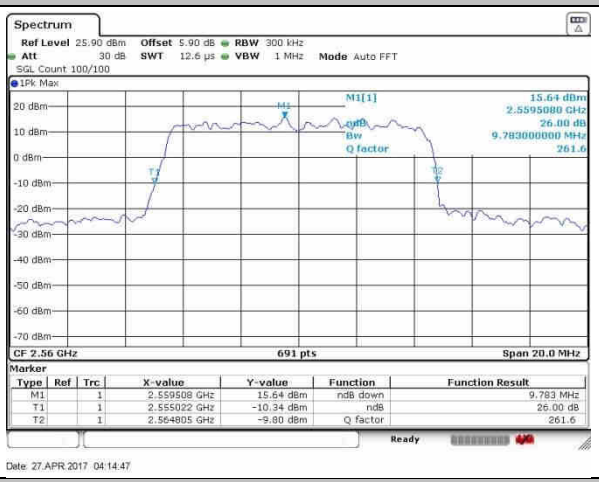
Lowest Channel / 10MHz / 16QAM



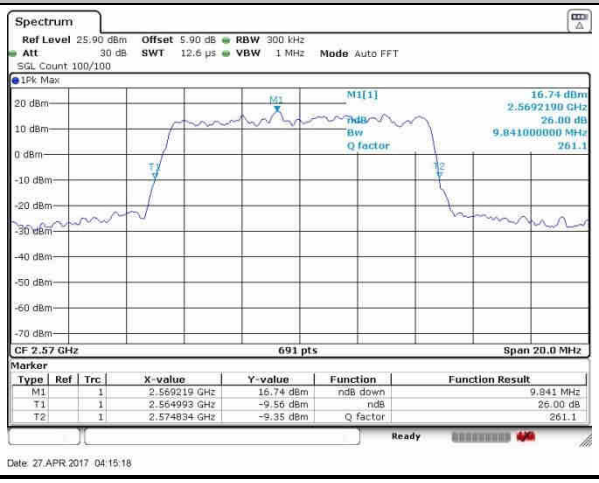
Middle Channel / 10MHz / QPSK



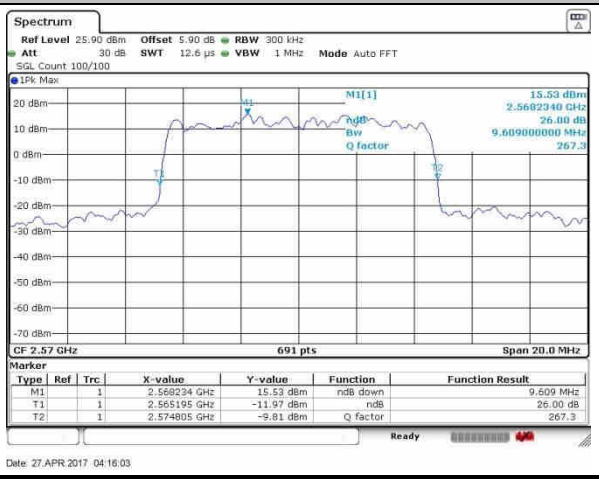
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

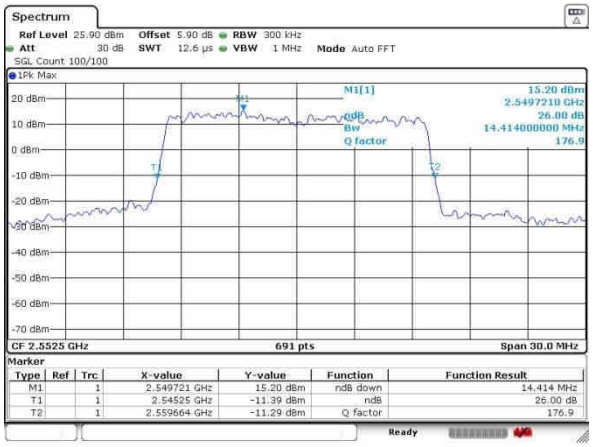


Highest Channel / 10MHz / 16QAM

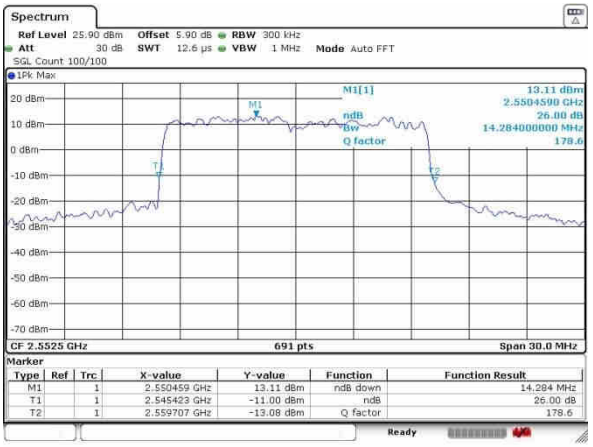


LTE Band 41

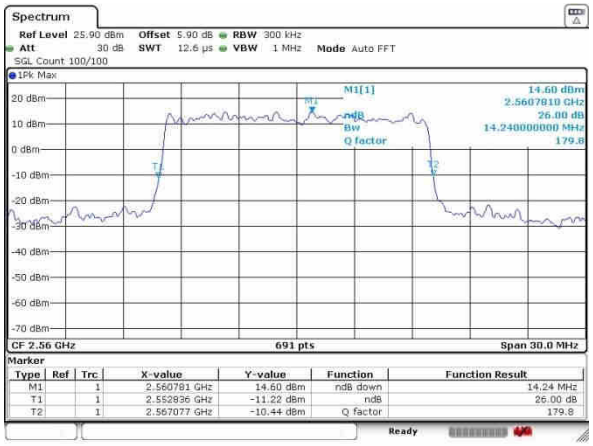
Lowest Channel / 15MHz / QPSK



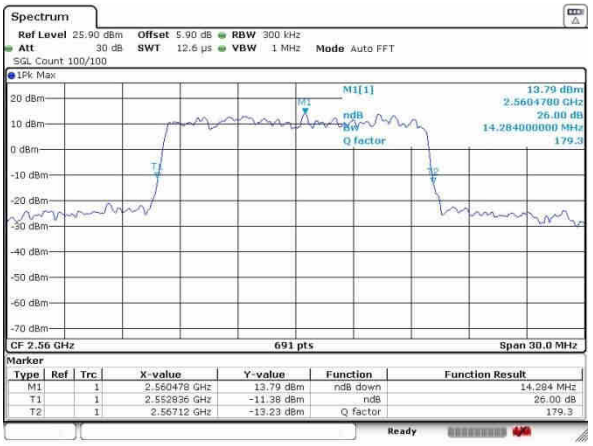
Lowest Channel / 15MHz / 16QAM



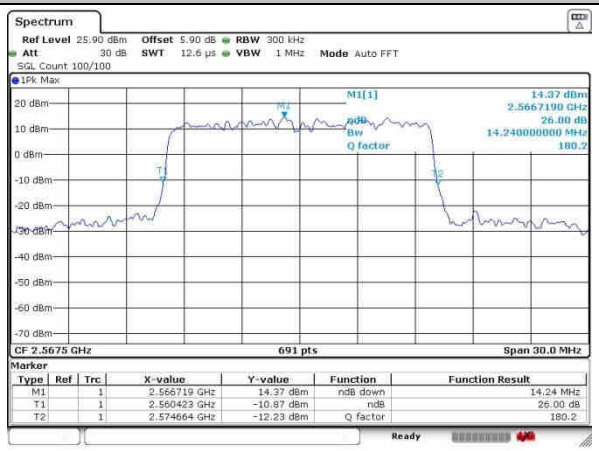
Middle Channel / 15MHz / QPSK



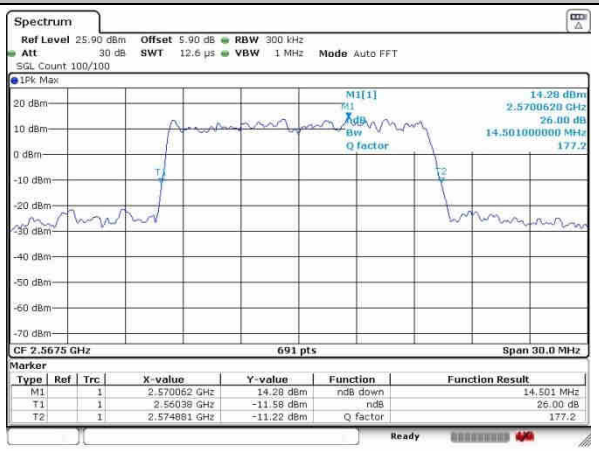
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

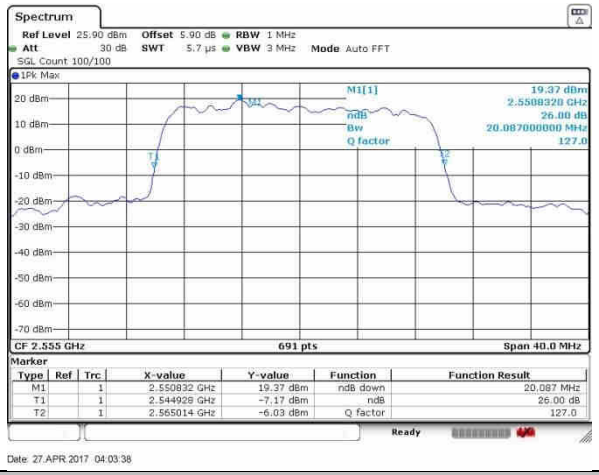


Highest Channel / 15MHz / 16QAM



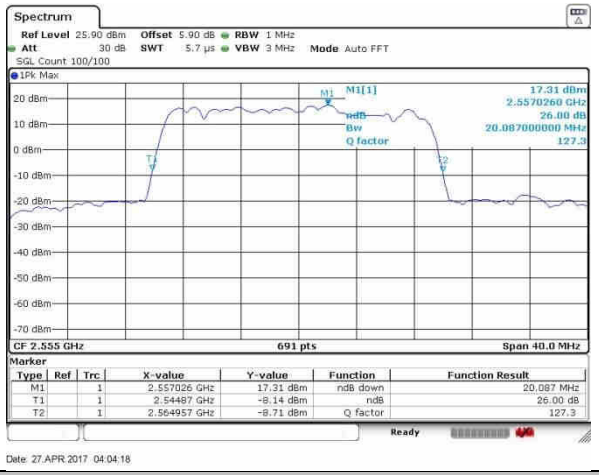
LTE Band 41

Lowest Channel / 20MHz / QPSK



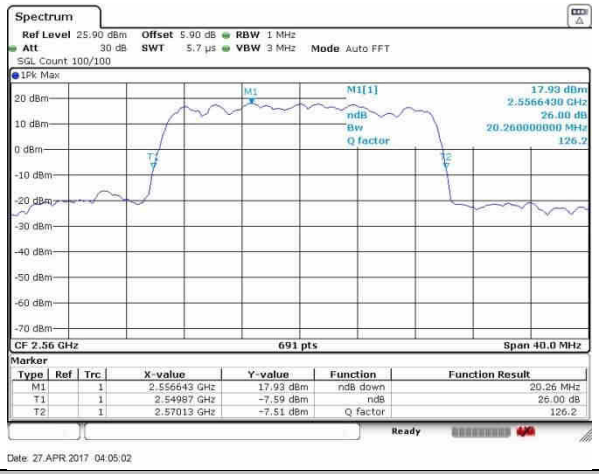
Date: 27.APR.2017 04:03:38

Lowest Channel / 20MHz / 16QAM



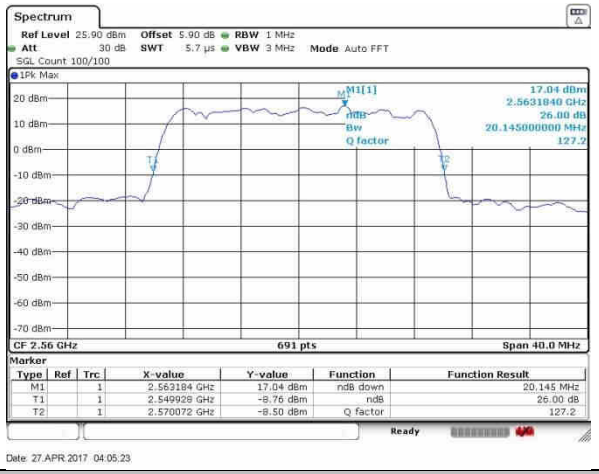
Date: 27.APR.2017 04:04:18

Middle Channel / 20MHz / QPSK



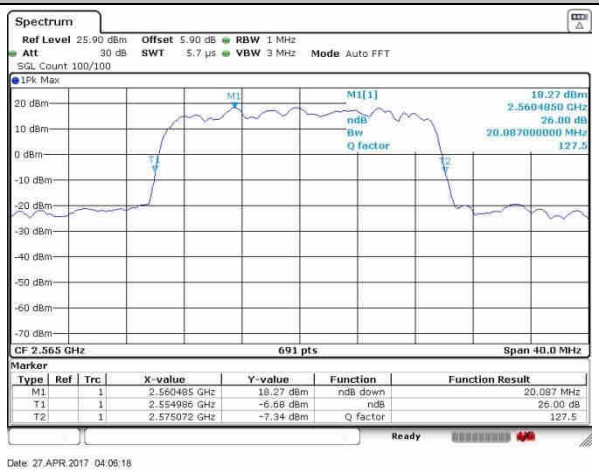
Date: 27.APR.2017 04:05:02

Middle Channel / 20MHz / 16QAM



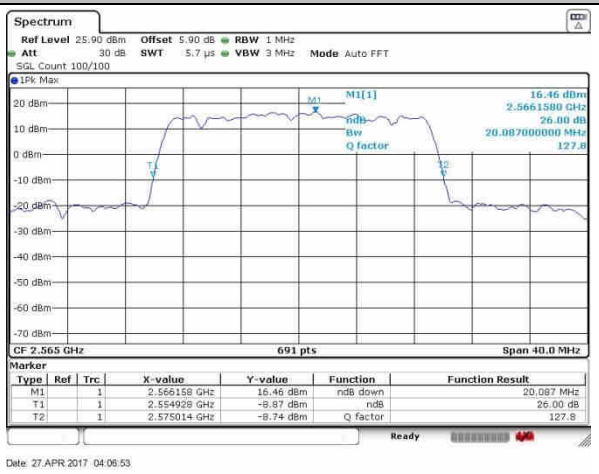
Date: 27.APR.2017 04:05:23

Highest Channel / 20MHz / QPSK



Date: 27.APR.2017 04:06:18

Highest Channel / 20MHz / 16QAM



Date: 27.APR.2017 04:06:53

Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.03	9.01	13.46	13.40	18.42	18.54
Middle CH	-	-	-	-	4.50	4.49	9.07	9.01	13.46	13.52	18.18	18.38
Highest CH	-	-	-	-	4.49	4.49	9.01	9.01	13.40	13.34	18.38	18.18

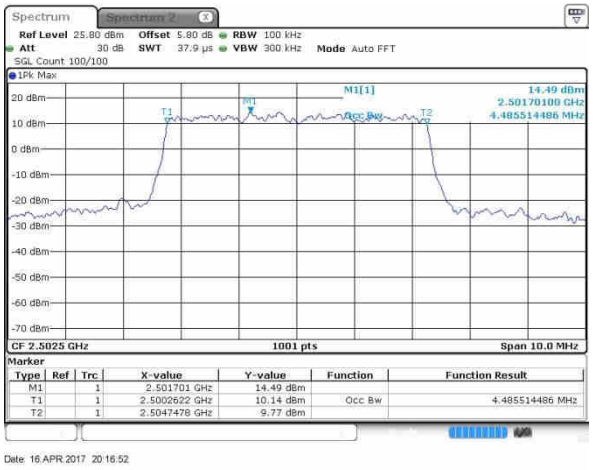
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.1	2.73	2.71	4.51	4.46	8.97	9.01	13.31	13.37	13.37	13.49
Middle CH	1.09	1.1	2.71	2.72	4.48	4.49	8.97	9.03	13.34	13.4	-	-
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	8.97	8.97	13.4	13.4	-	-

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.48	8.95	8.97	13.43	13.49	18.46	18.22
Middle CH	-	-	-	-	4.48	4.5	8.99	9.03	13.4	13.43	18.34	18.22
Highest CH	-	-	-	-	4.48	4.48	9.03	9.03	13.43	13.52	18.42	18.46

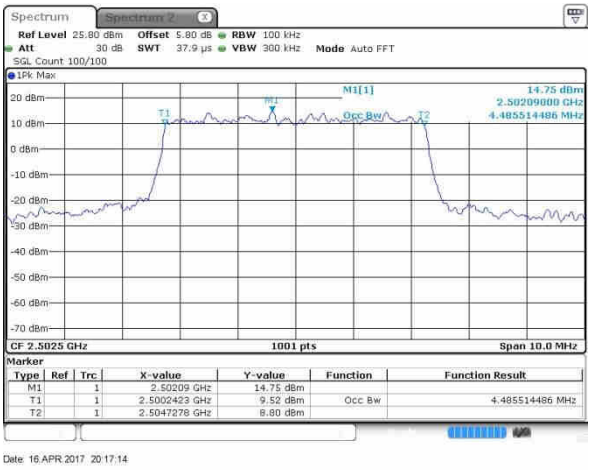
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.49	4.48	9.03	8.99	13.37	13.43	18.46	18.34
Middle CH					4.46	4.49	8.99	8.97	13.46	13.4	18.34	18.46
Highest CH					4.49	4.49	9.05	8.97	13.46	13.43	18.14	18.34

LTE Band 7

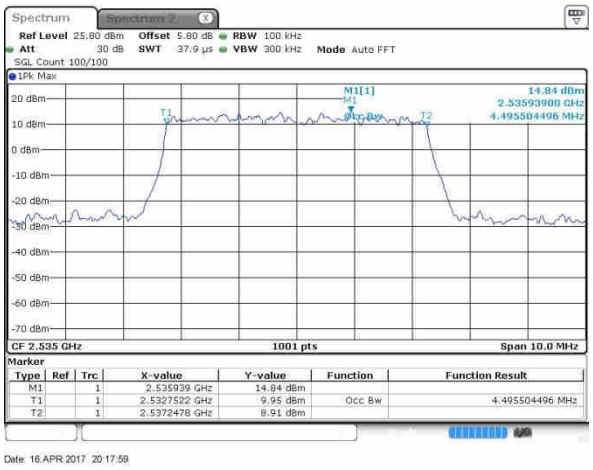
Lowest Channel / 5MHz / QPSK



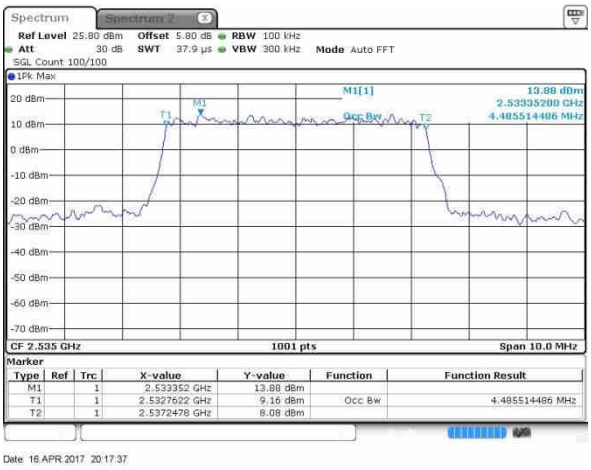
Lowest Channel / 5MHz / 16QAM



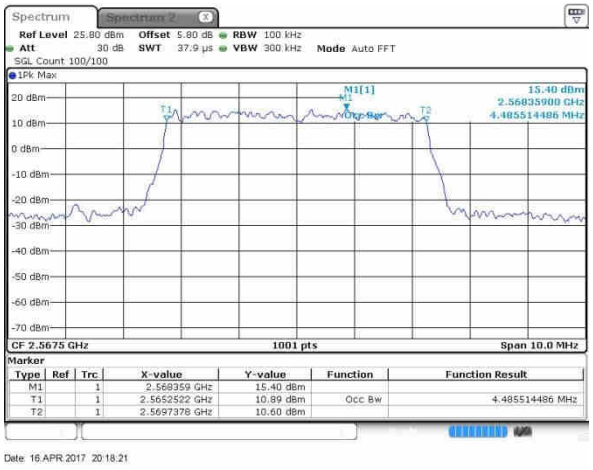
Middle Channel / 5MHz / QPSK



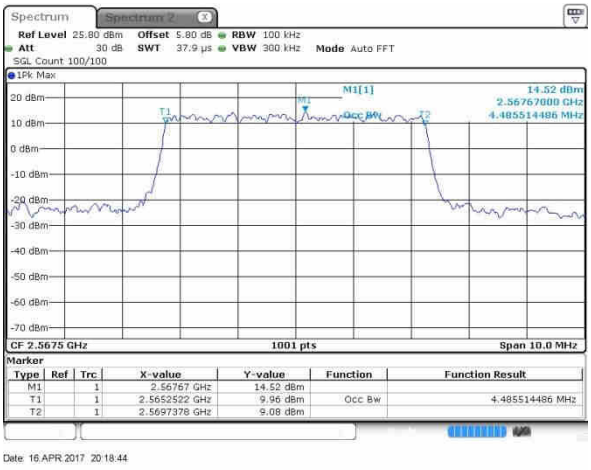
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

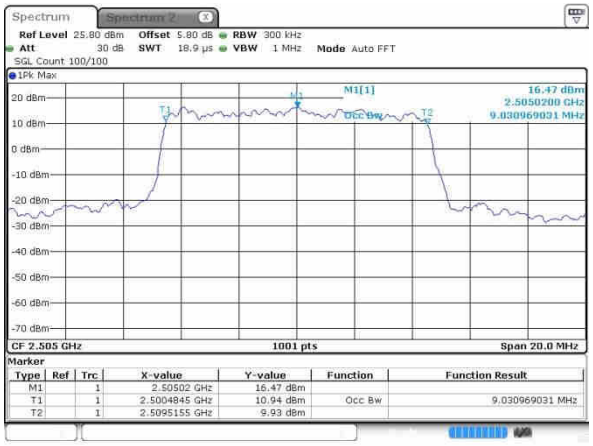


Highest Channel / 5MHz / 16QAM

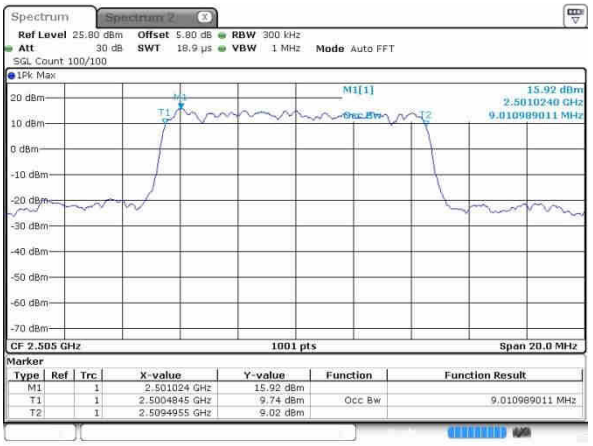


LTE Band 7

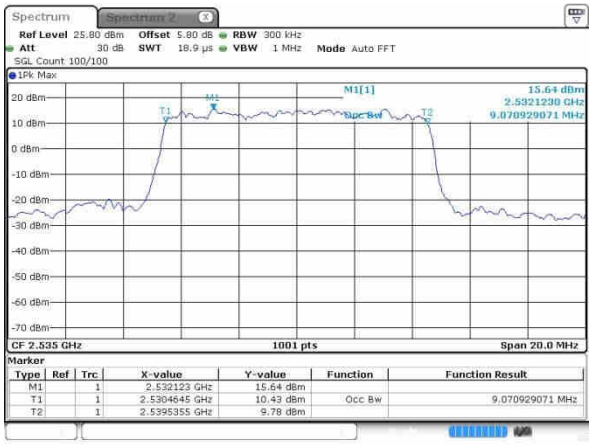
Lowest Channel / 10MHz / QPSK



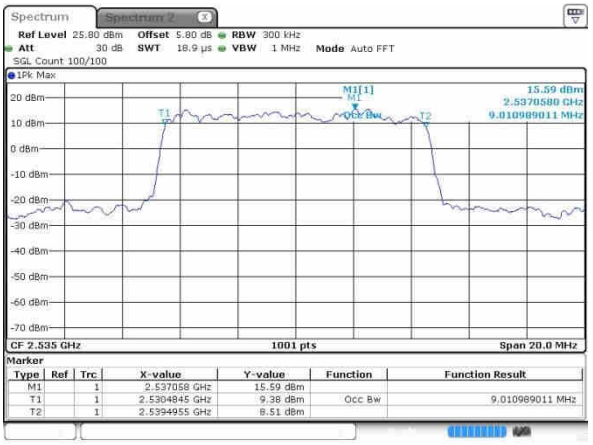
Lowest Channel / 10MHz / 16QAM



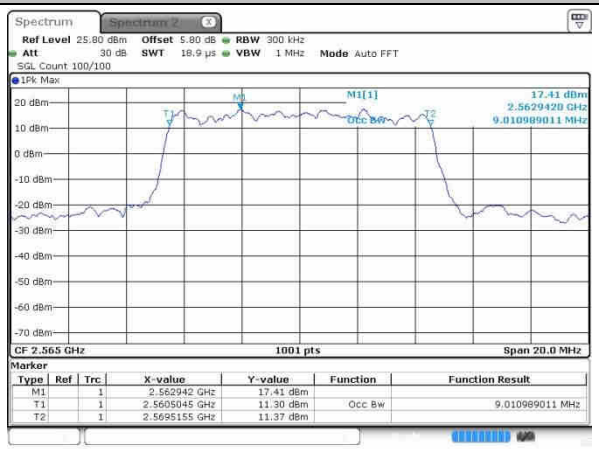
Middle Channel / 10MHz / QPSK



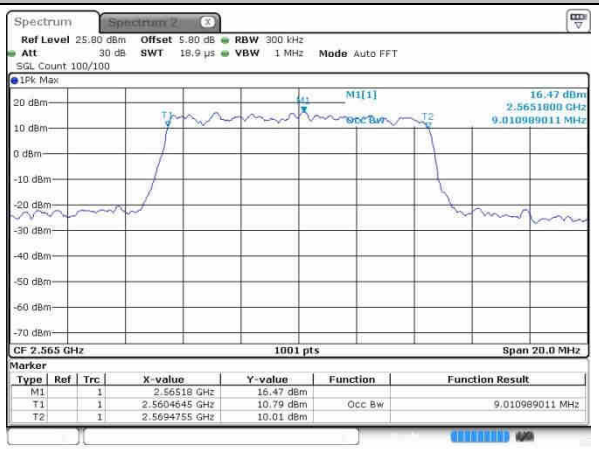
Middle Channel / 10MHz / 16QAM



Highest Channel / 0MHz / QPSK

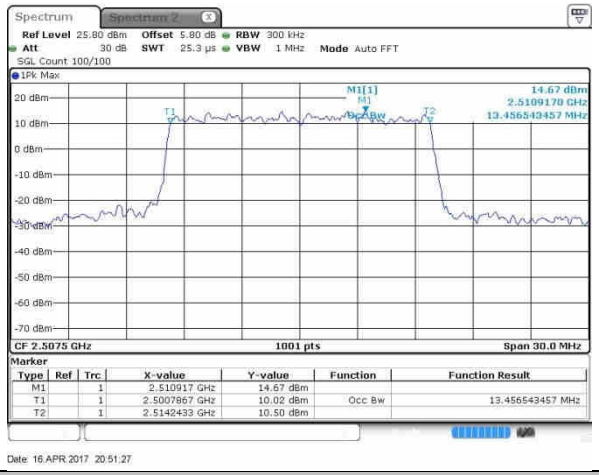


Highest Channel / 10MHz / 16QAM

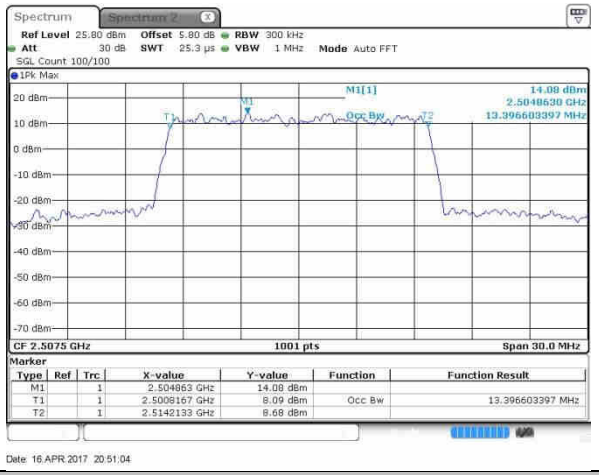


LTE Band 7

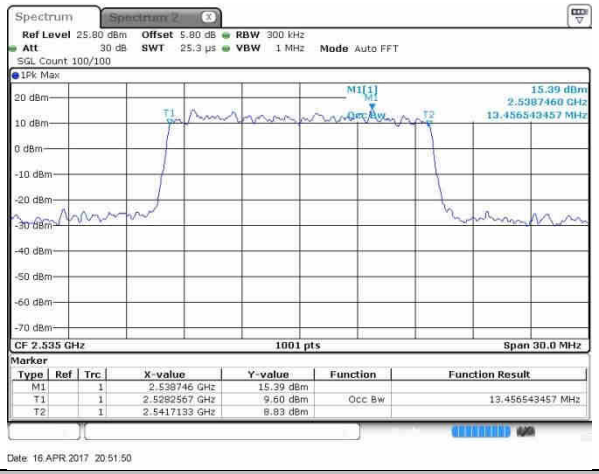
Lowest Channel / 15MHz / QPSK



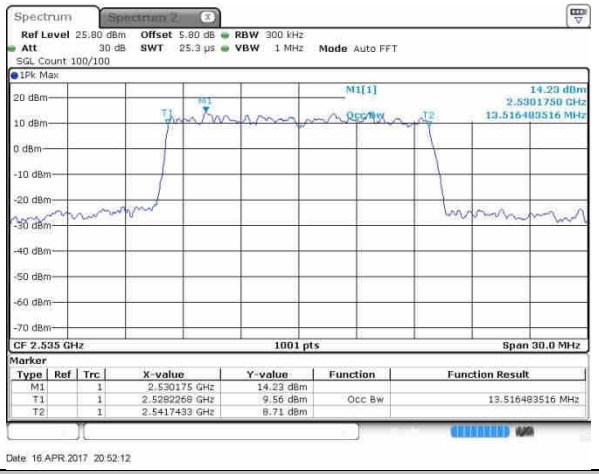
Lowest Channel / 15MHz / 16QAM



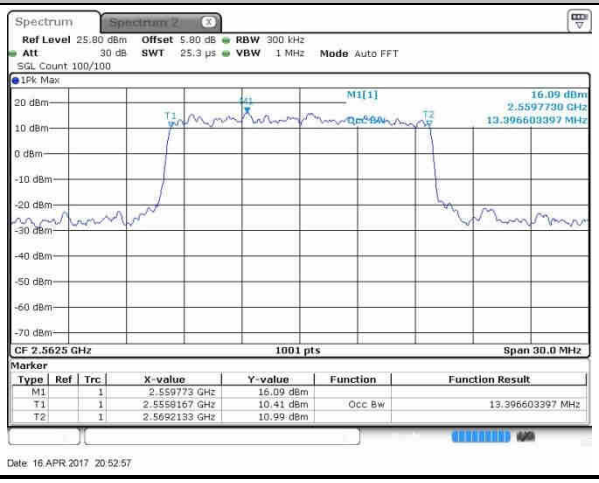
Middle Channel / 15MHz / QPSK



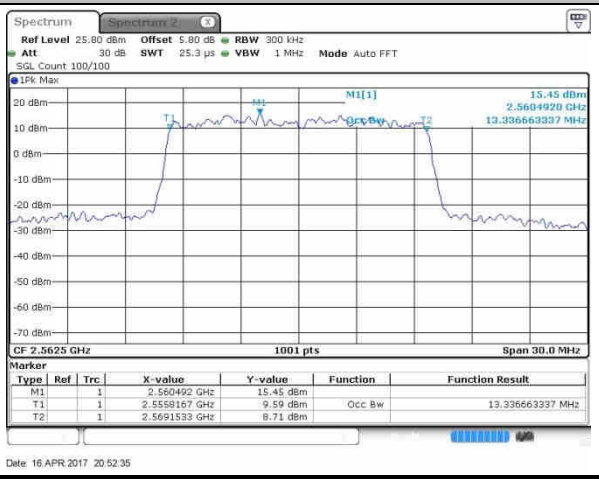
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

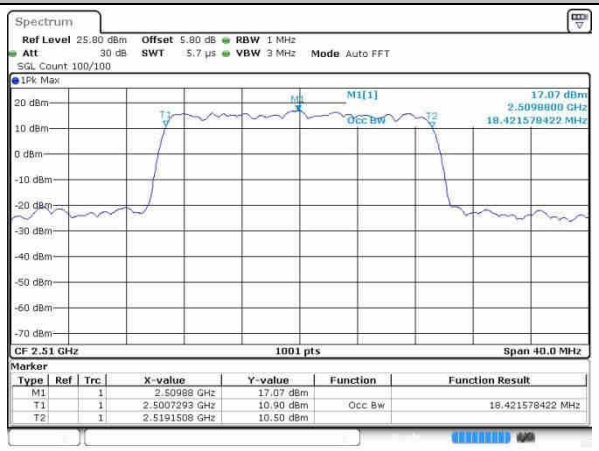


Highest Channel / 15MHz / 16QAM

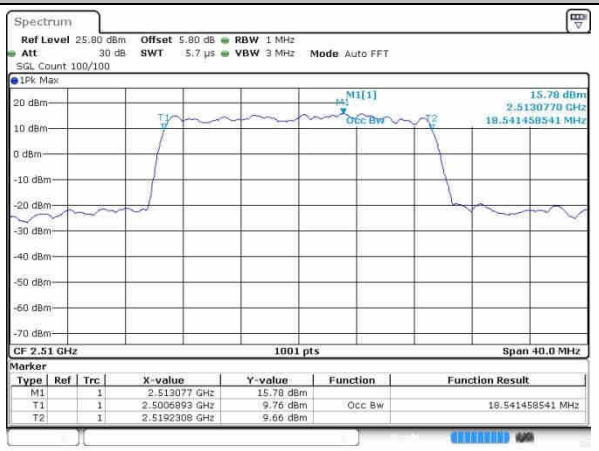


LTE Band 7

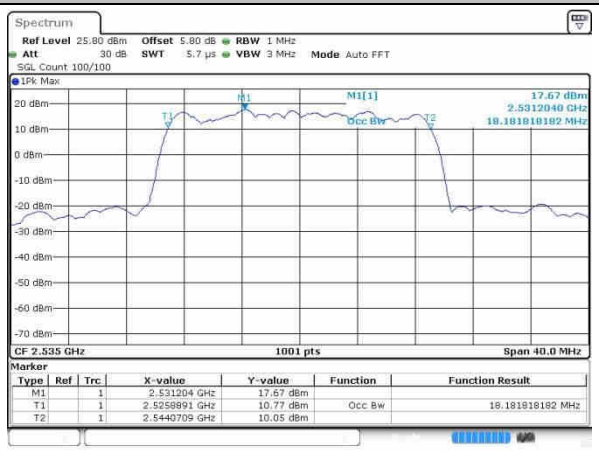
Lowest Channel / 20MHz / QPSK



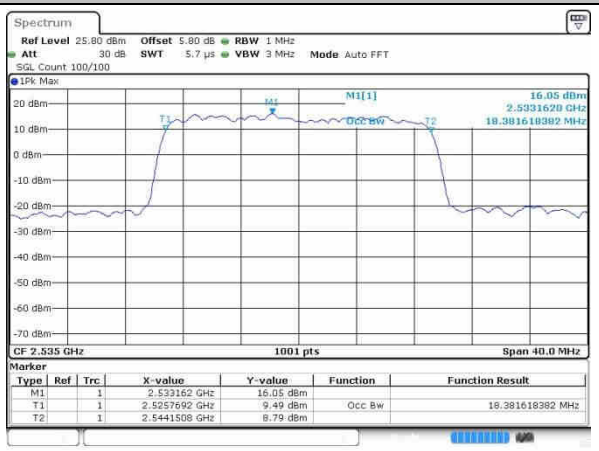
Lowest Channel / 20MHz / 16QAM



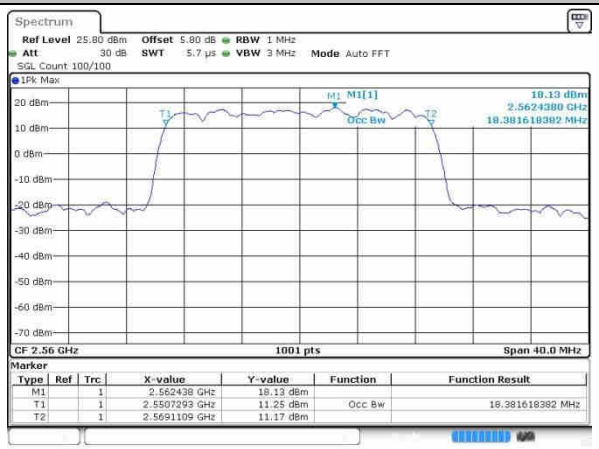
Middle Channel / 20MHz / QPSK



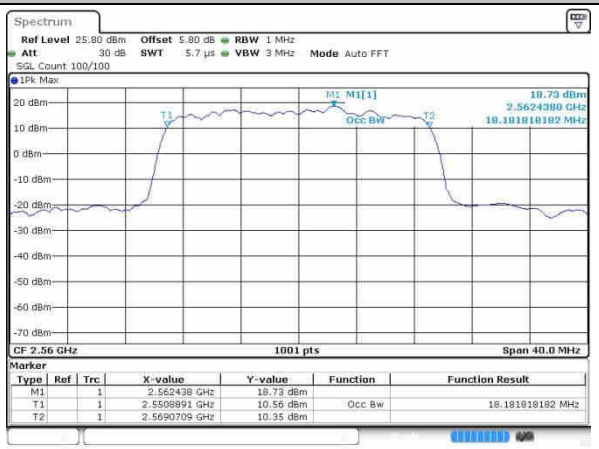
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

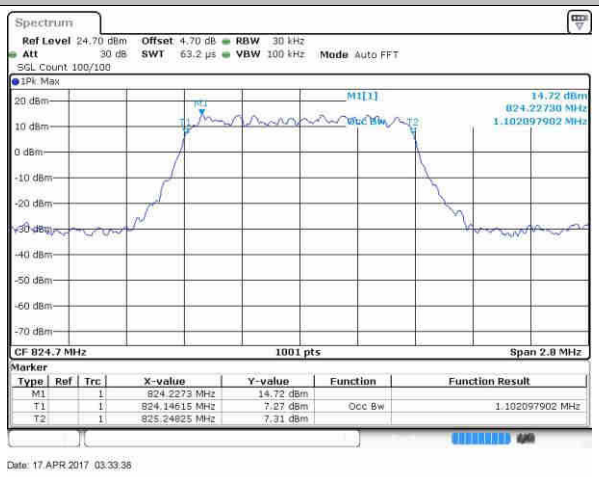


Highest Channel / 20MHz / 16QAM

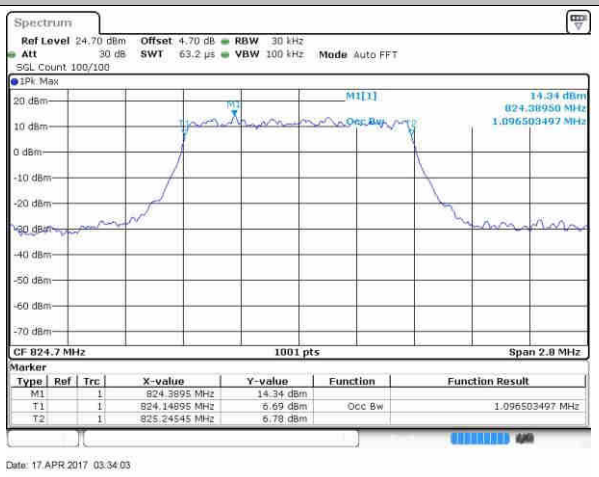


LTE Band 26

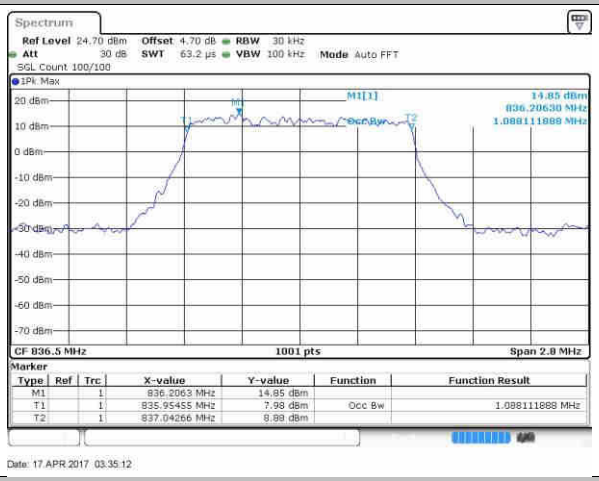
Lowest Channel / 1.4MHz / QPSK



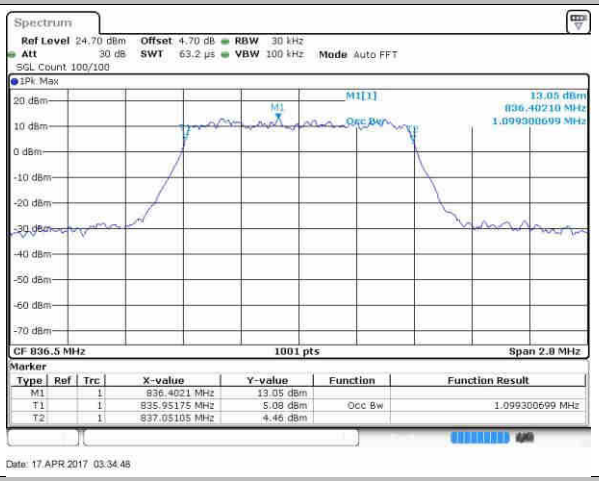
Lowest Channel / 1.4MHz / 16QAM



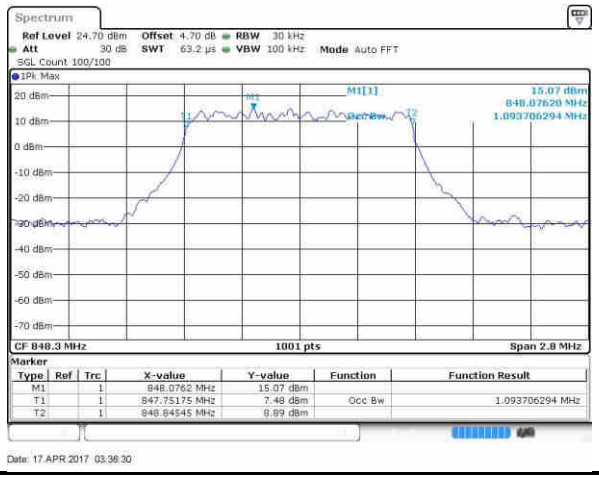
Middle Channel / 1.4MHz / QPSK



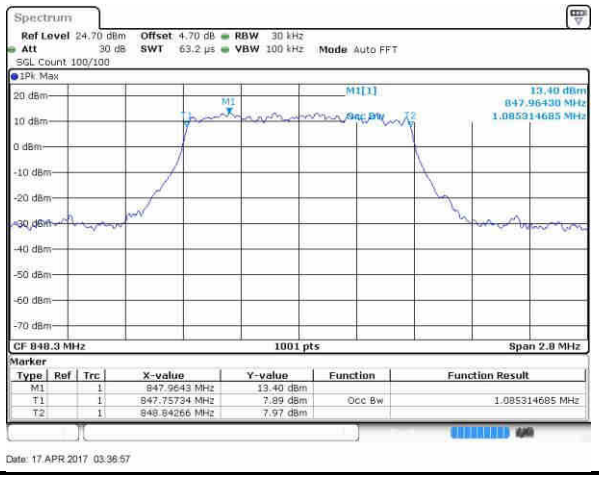
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

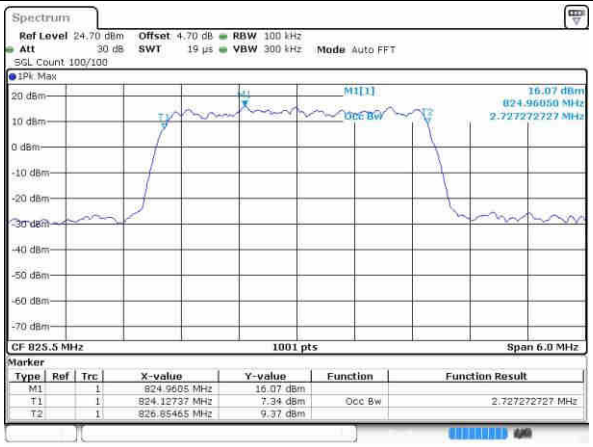


Highest Channel / 1.4MHz / 16QAM

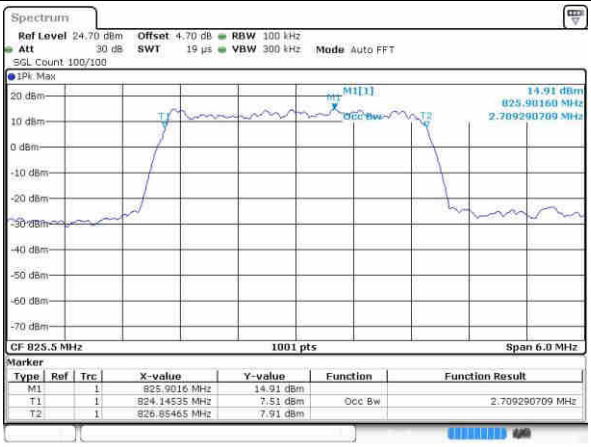


LTE Band 26

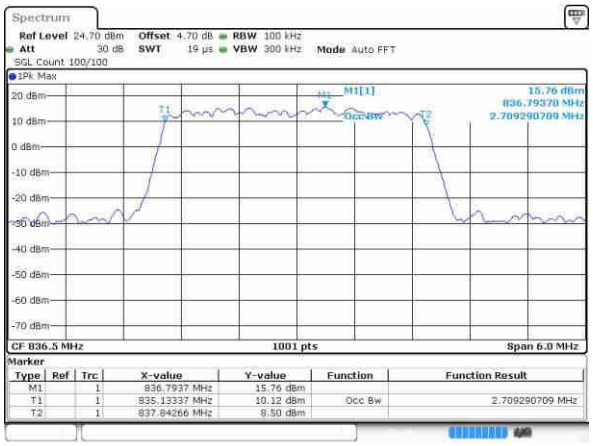
Lowest Channel / 3MHz / QPSK



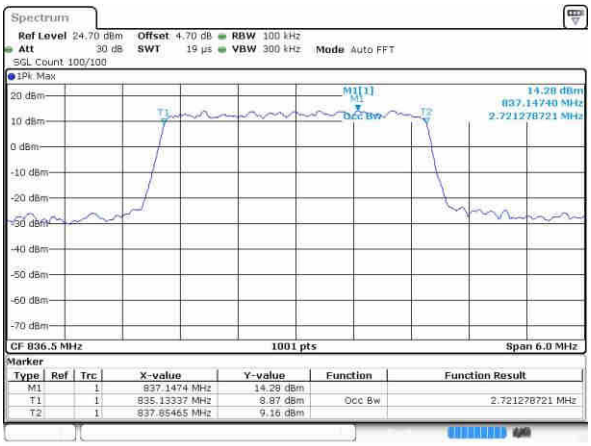
Lowest Channel / 3MHz / 16QAM



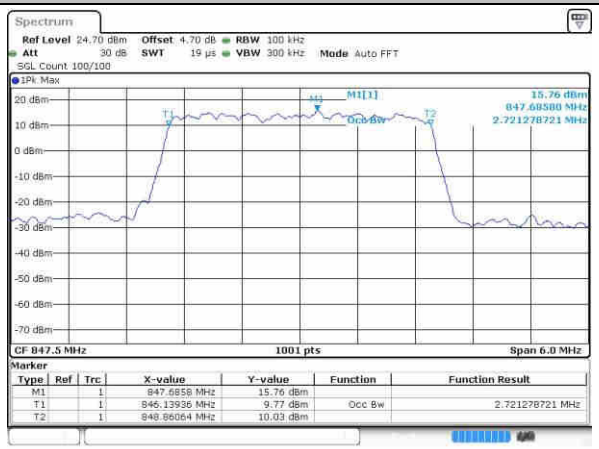
Middle Channel / 3MHz / QPSK



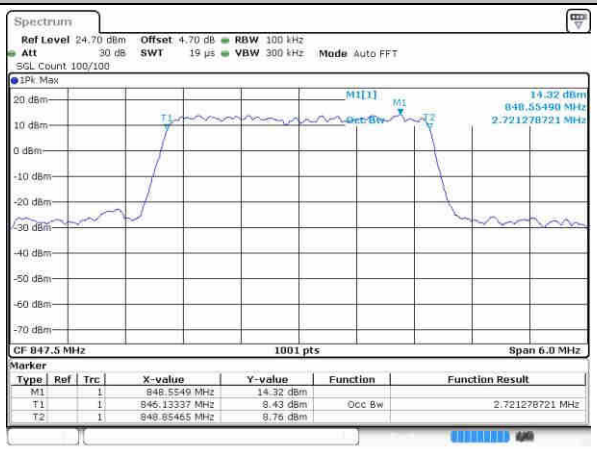
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

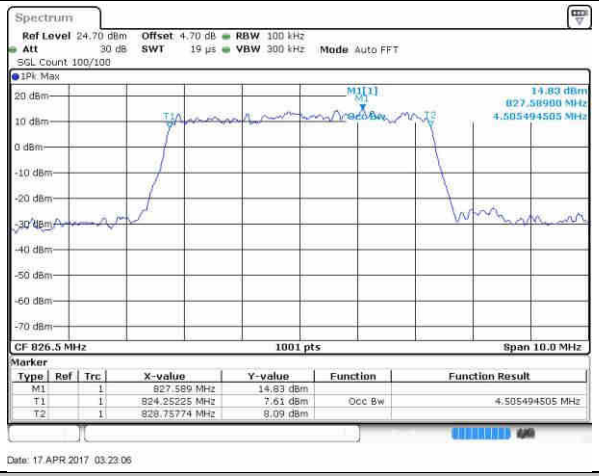


Highest Channel / 3MHz / 16QAM

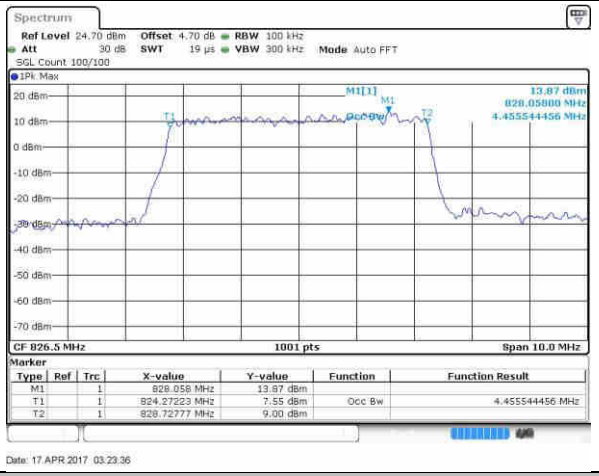


LTE Band 26

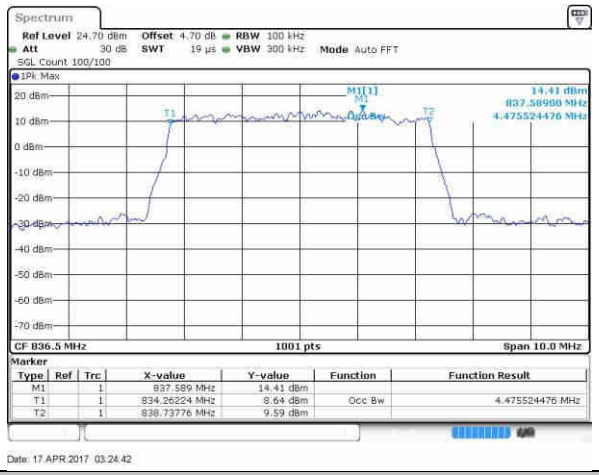
Lowest Channel / 5MHz / QPSK



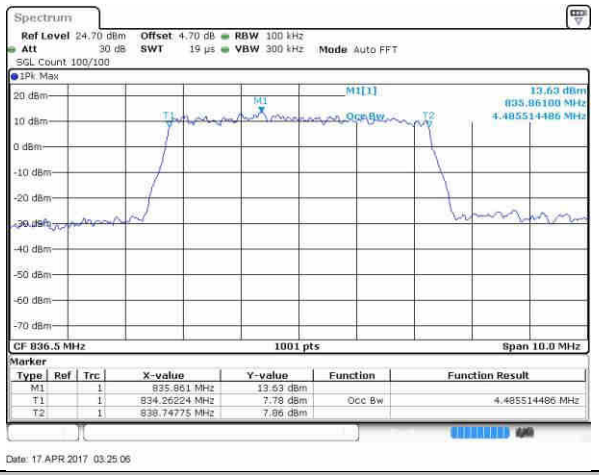
Lowest Channel / 5MHz / 16QAM



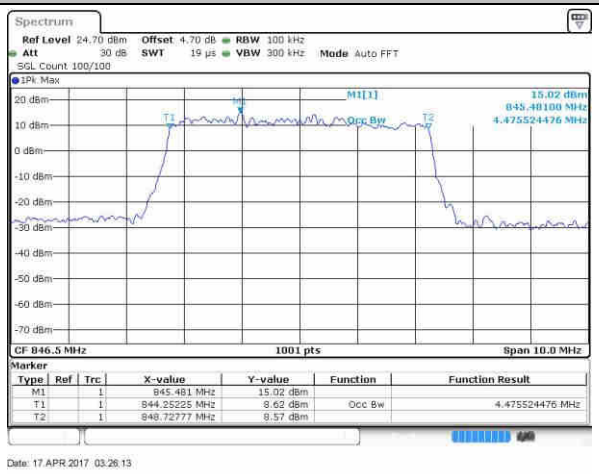
Middle Channel / 5MHz / QPSK



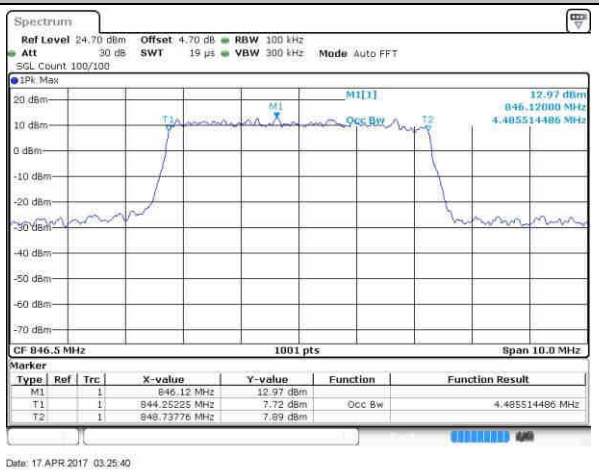
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

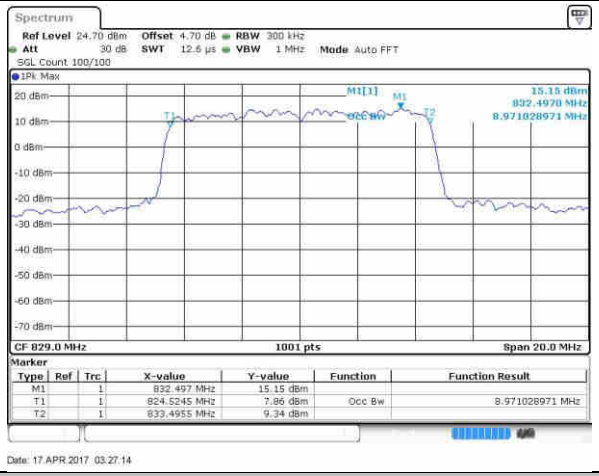


Highest Channel / 5MHz / 16QAM

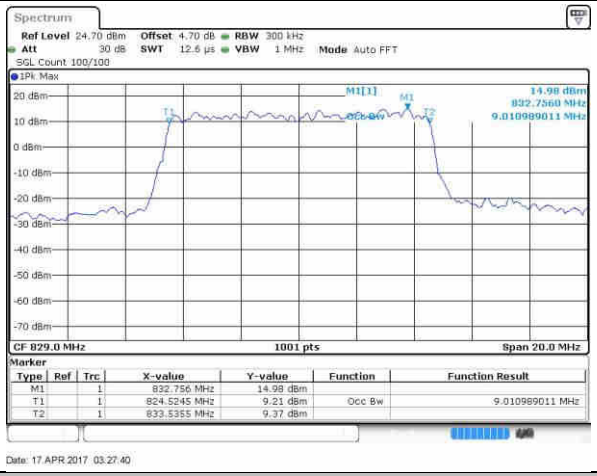


LTE Band 26

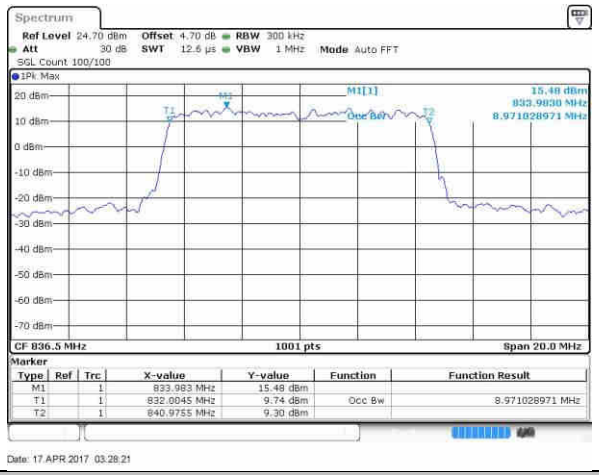
Lowest Channel / 10MHz / QPSK



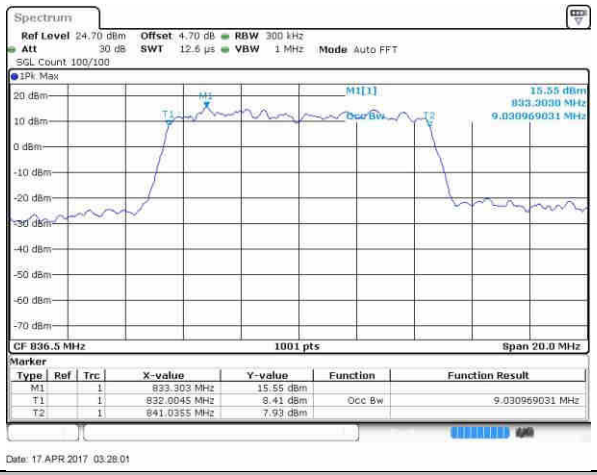
Lowest Channel / 10MHz / 16QAM



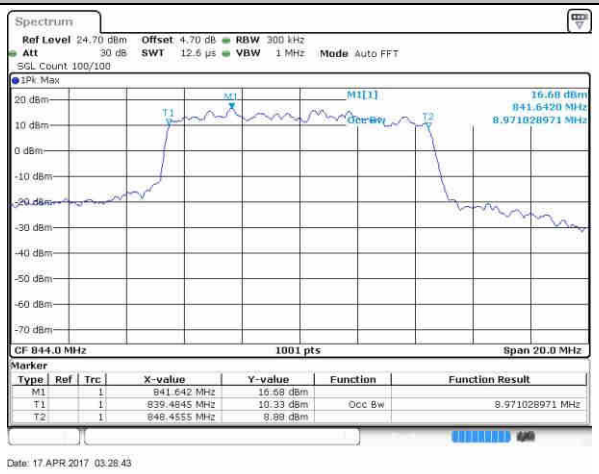
Middle Channel / 10MHz / QPSK



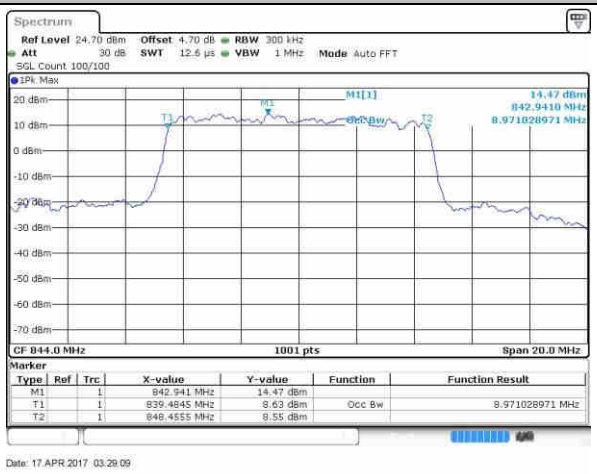
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

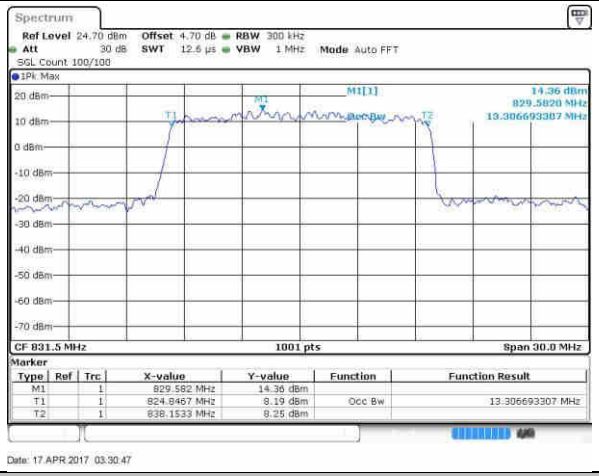


Highest Channel / 10MHz / 16QAM

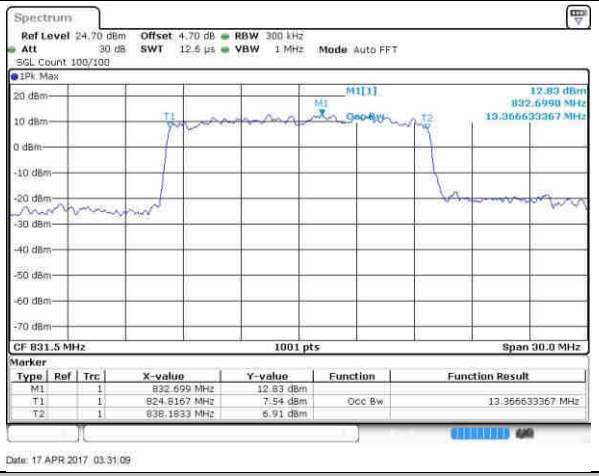


LTE Band 26

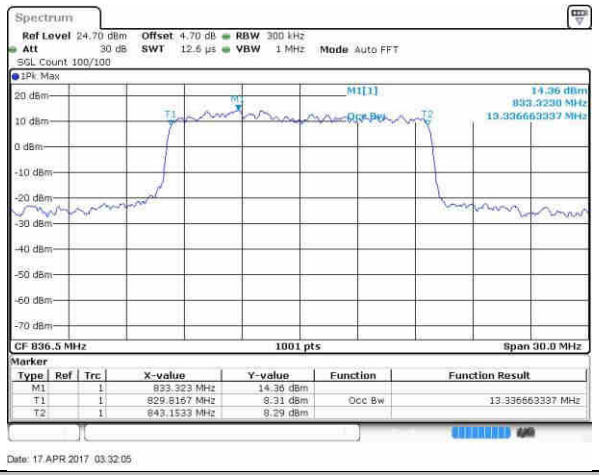
Lowest Channel / 15MHz / QPSK



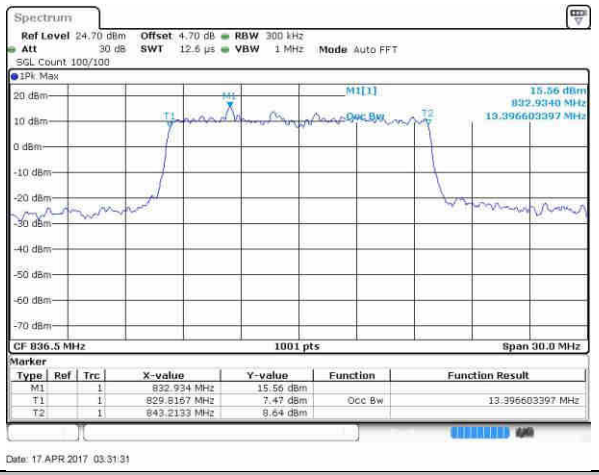
Lowest Channel / 15MHz / 16QAM



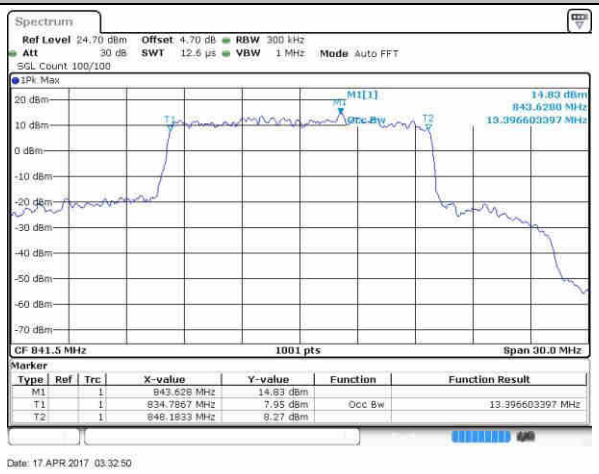
Middle Channel / 15MHz / QPSK



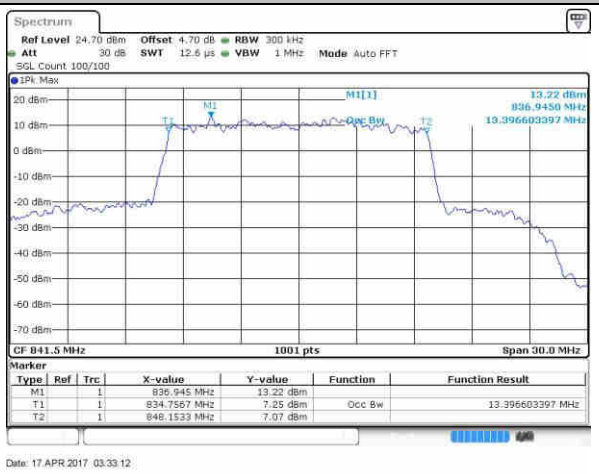
Middle Channel / 15MHz / 16QAM

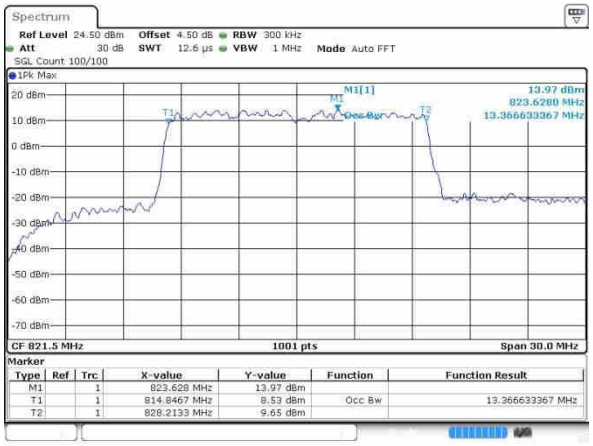
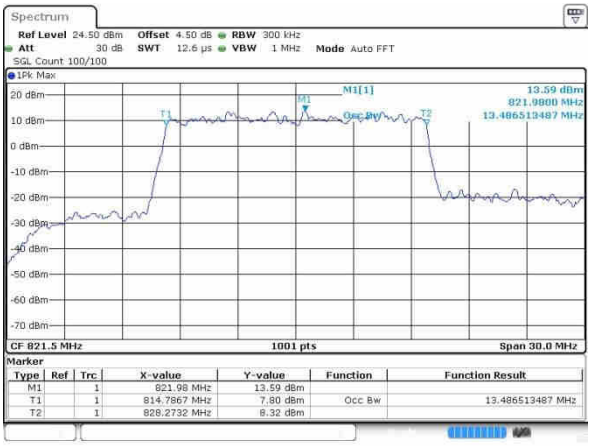


Highest Channel / 15MHz / QPSK



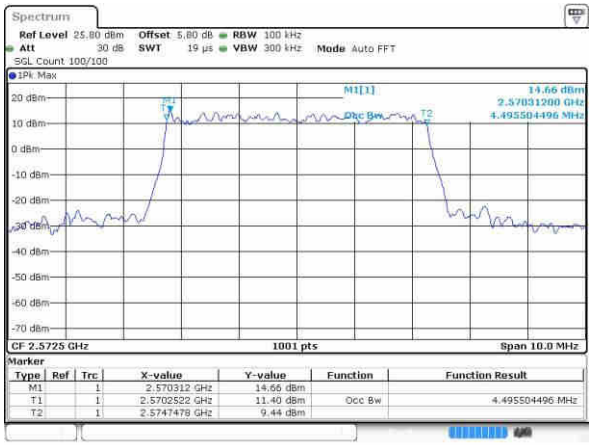
Highest Channel / 15MHz / 16QAM



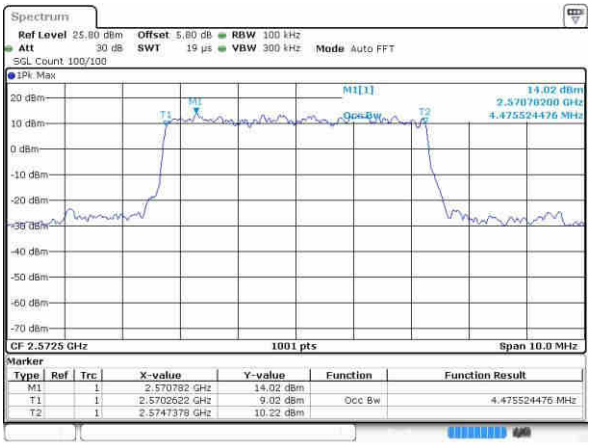
LTE Band 26	
CH26765 / QPSK	CH26765 / 16QAM
	

LTE Band 38

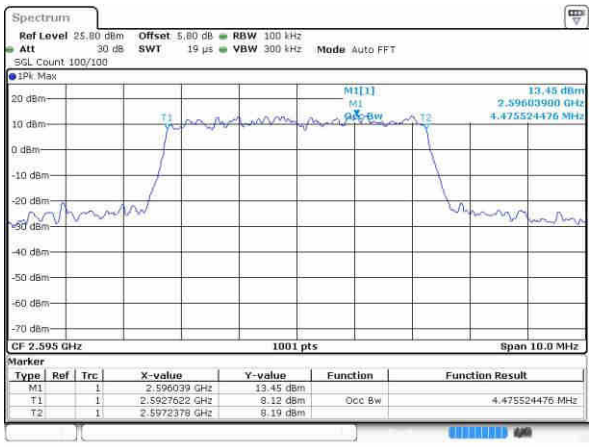
Lowest Channel / 5MHz / QPSK



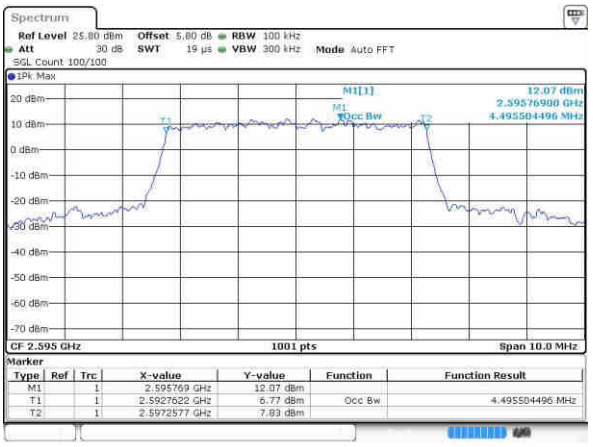
Lowest Channel / 5MHz / 16QAM



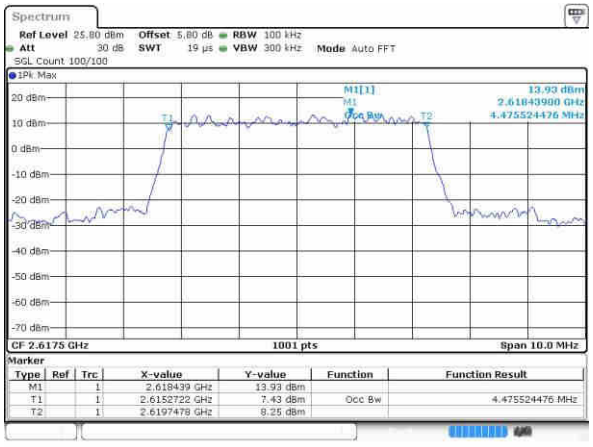
Middle Channel / 5MHz / QPSK



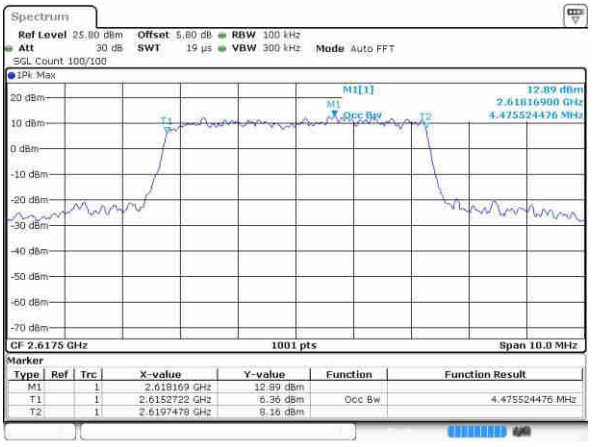
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

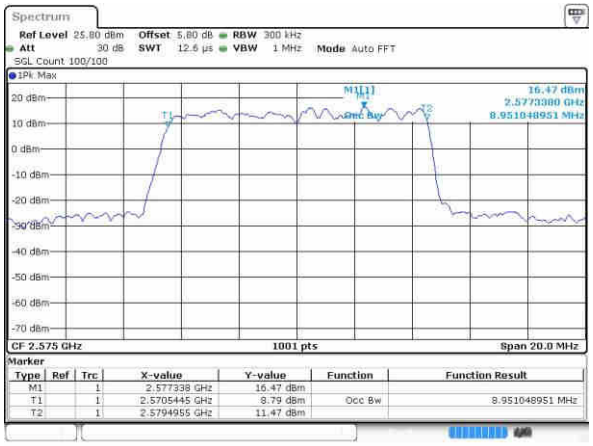


Highest Channel / 5MHz / 16QAM

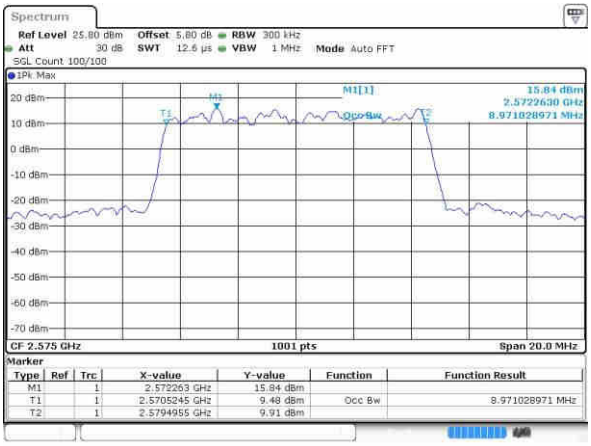


LTE Band 38

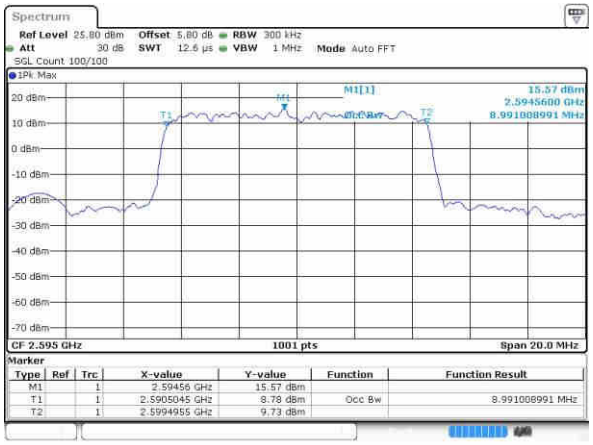
Lowest Channel / 10MHz / QPSK



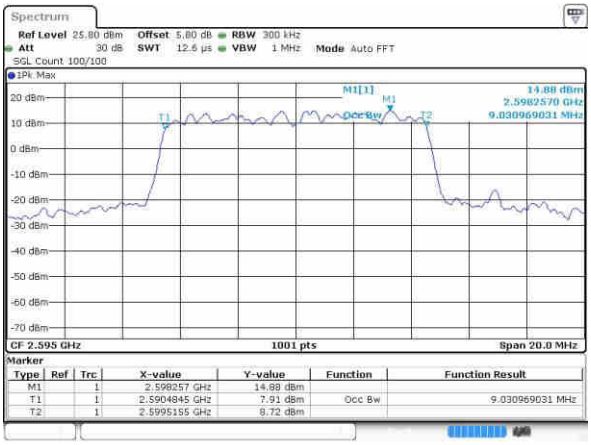
Lowest Channel / 10MHz / 16QAM



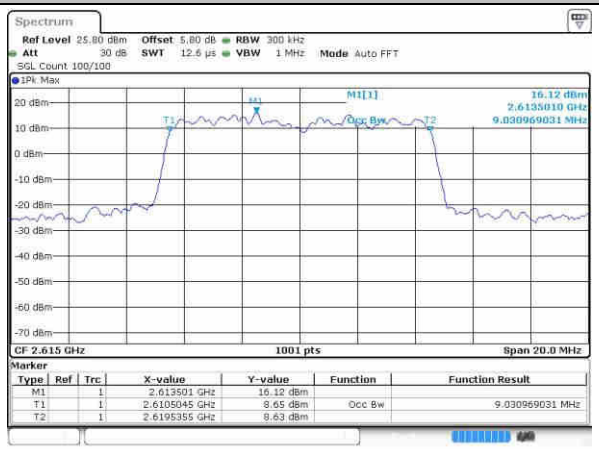
Middle Channel / 10MHz / QPSK



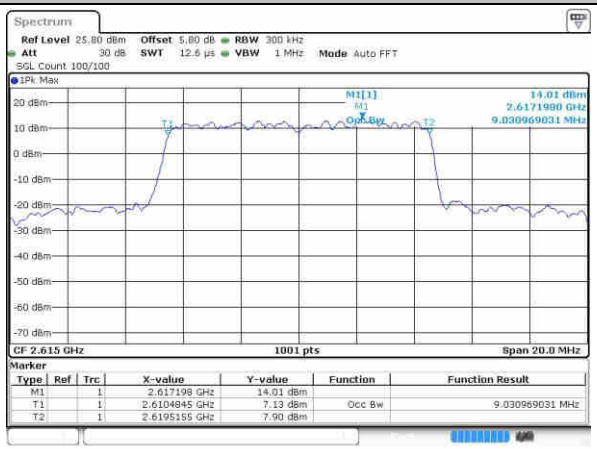
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

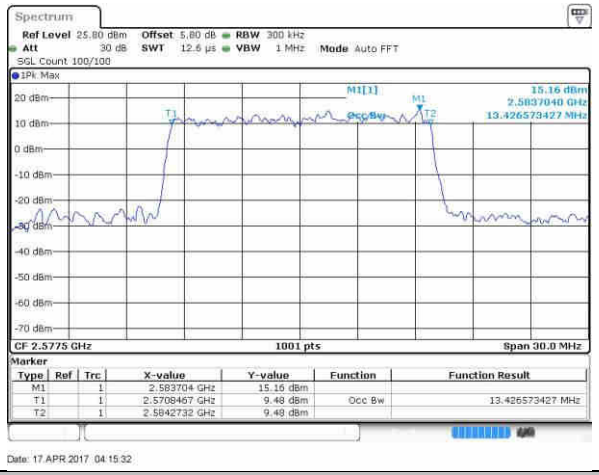


Highest Channel / 10MHz / 16QAM

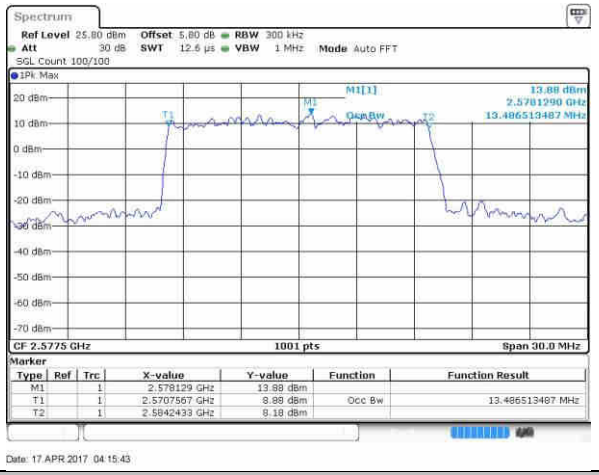


LTE Band 38

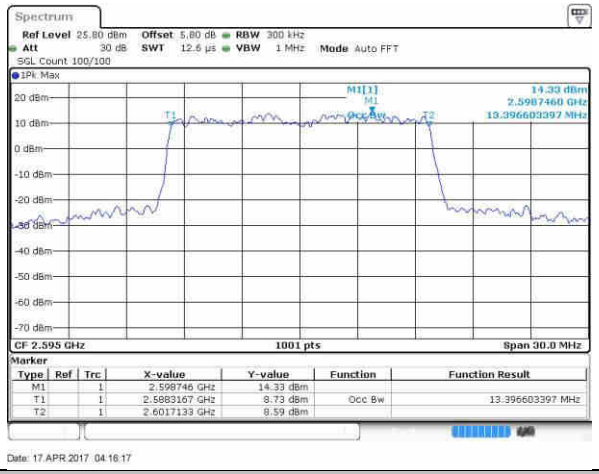
Lowest Channel / 15MHz / QPSK



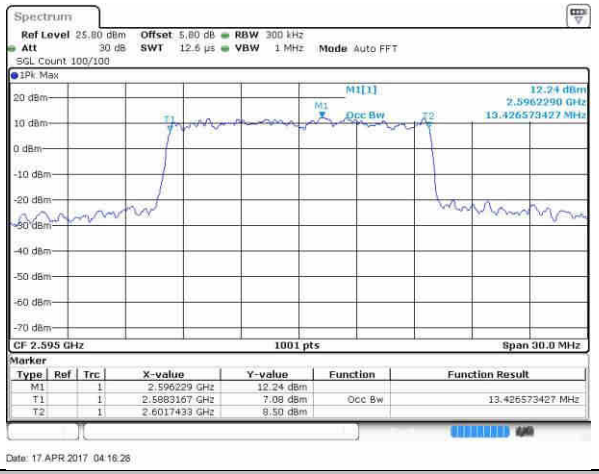
Lowest Channel / 15MHz / 16QAM



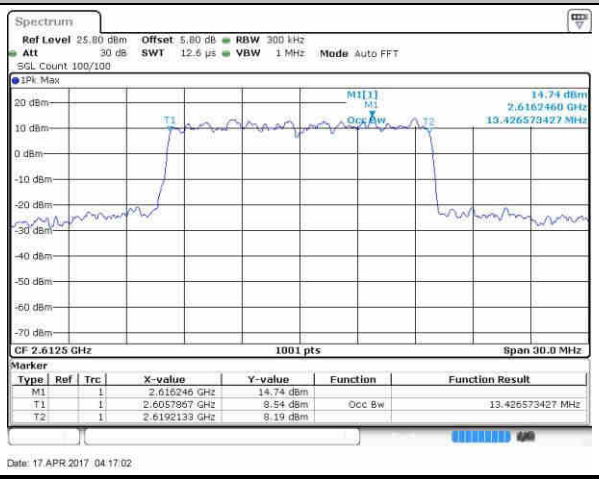
Middle Channel / 15MHz / QPSK



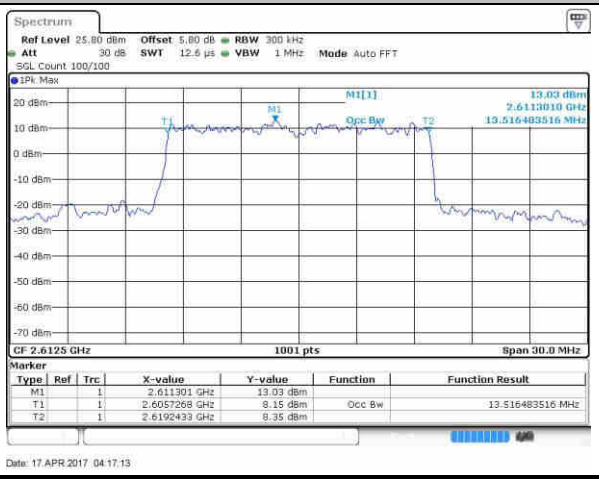
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

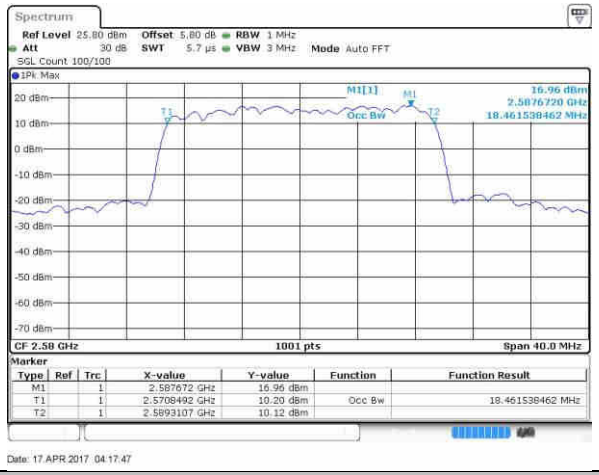


Highest Channel / 15MHz / 16QAM

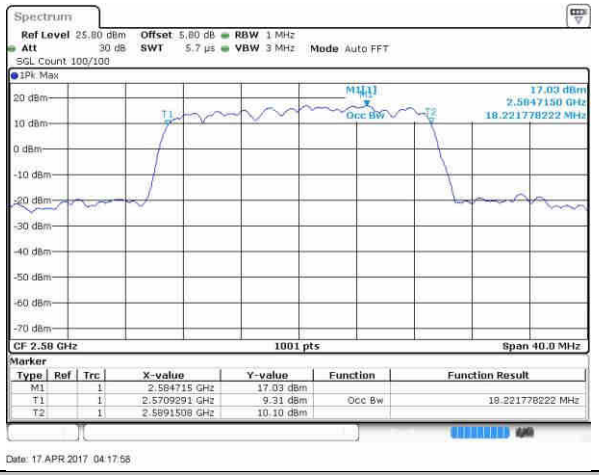


LTE Band 38

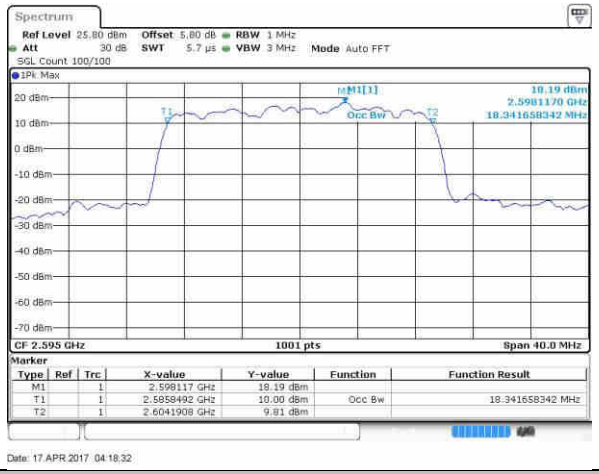
Lowest Channel / 20MHz / QPSK



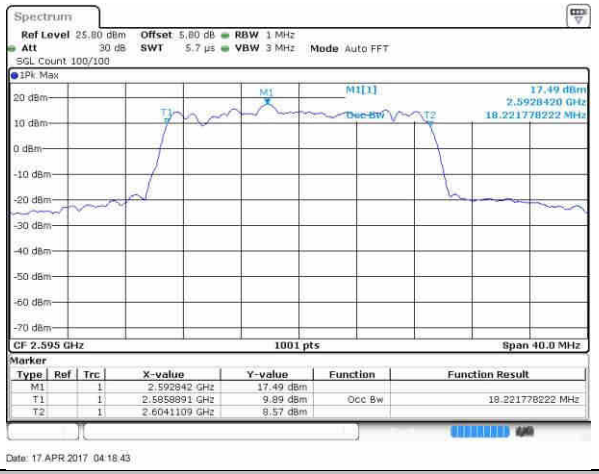
Lowest Channel / 20MHz / 16QAM



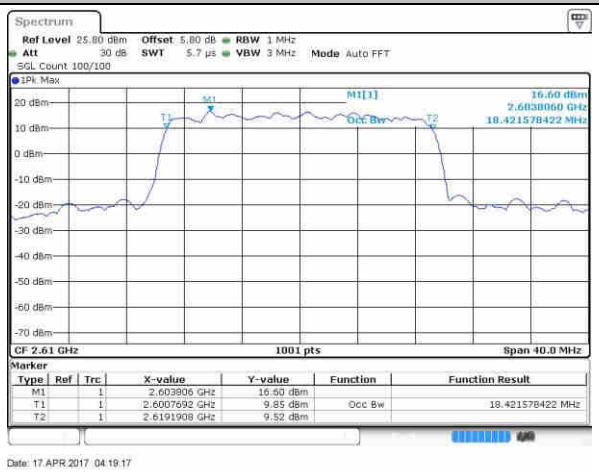
Middle Channel / 20MHz / QPSK



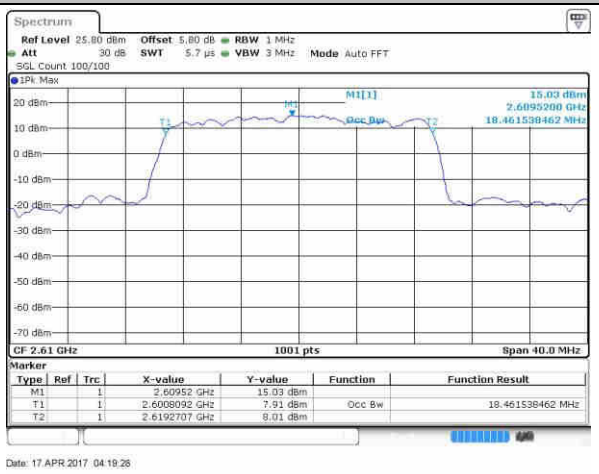
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

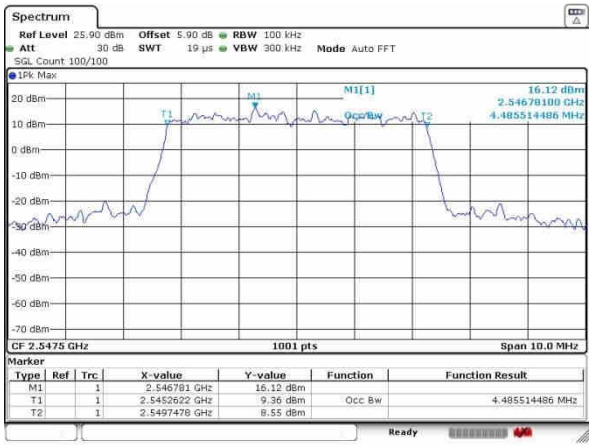


Highest Channel / 20MHz / 16QAM

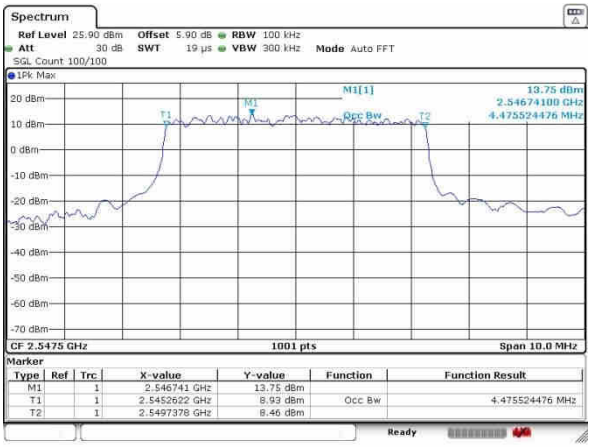


LTE Band 41

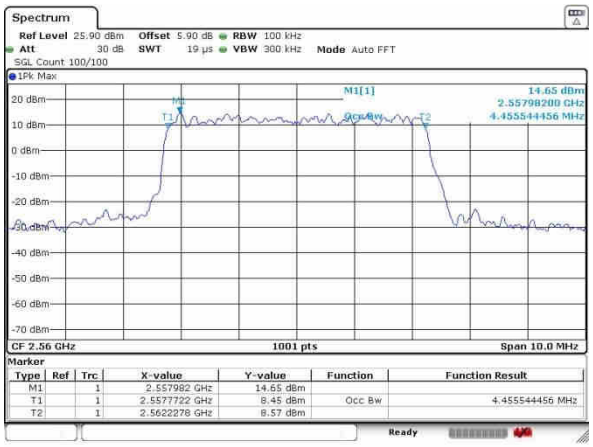
Lowest Channel / 5MHz / QPSK



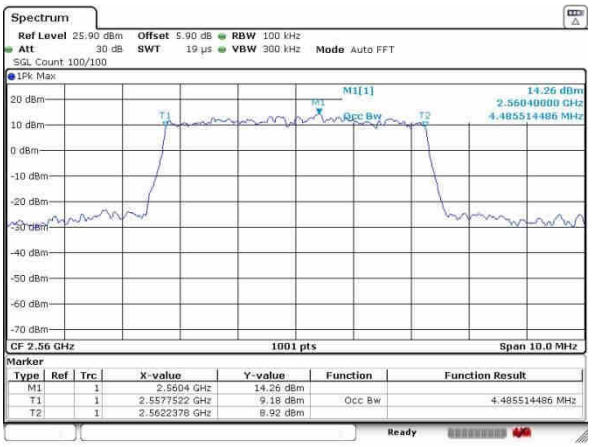
Lowest Channel / 5MHz / 16QAM



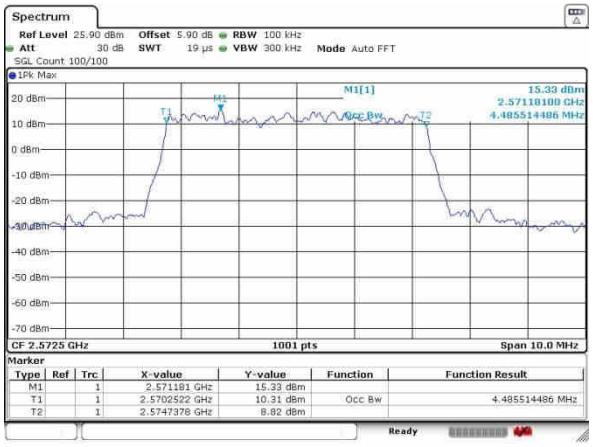
Middle Channel / 5MHz / QPSK



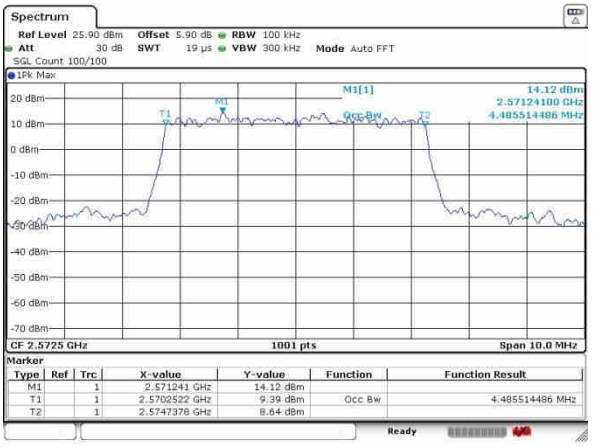
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

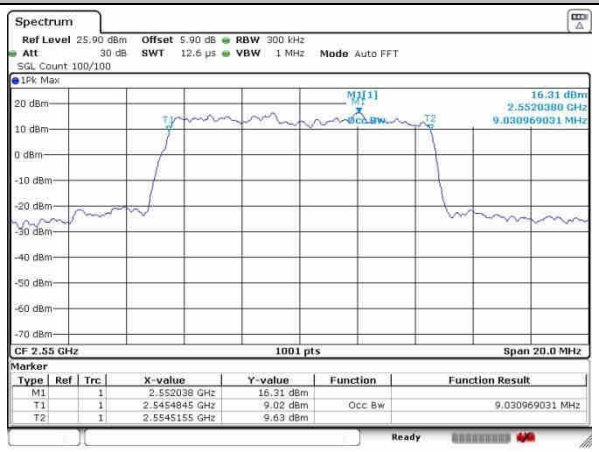


Highest Channel / 5MHz / 16QAM

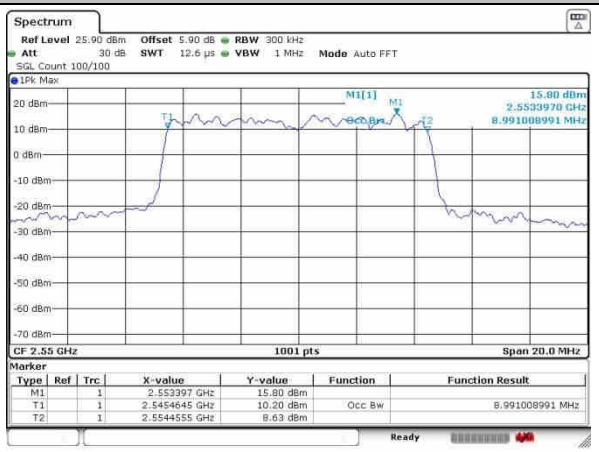


LTE Band 41

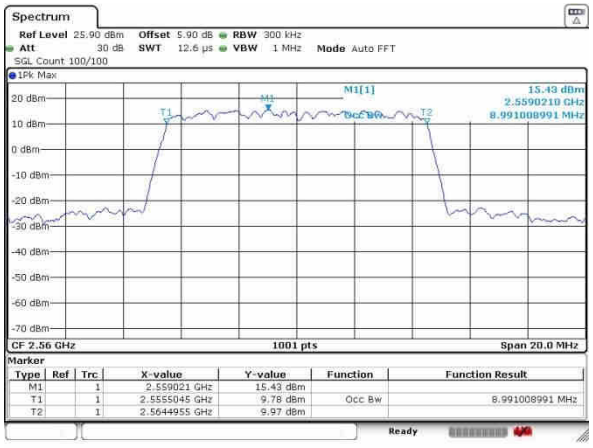
Lowest Channel / 10MHz / QPSK



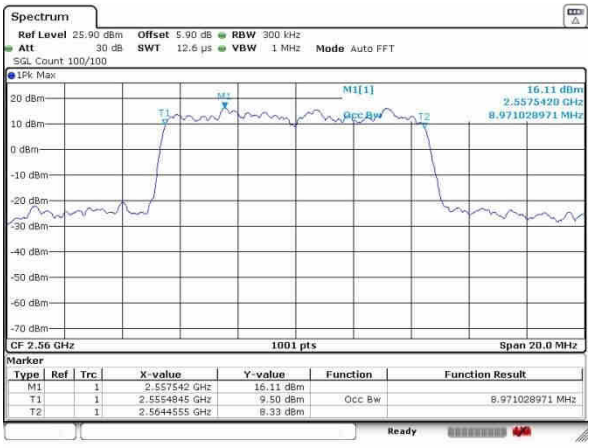
Lowest Channel / 10MHz / 16QAM



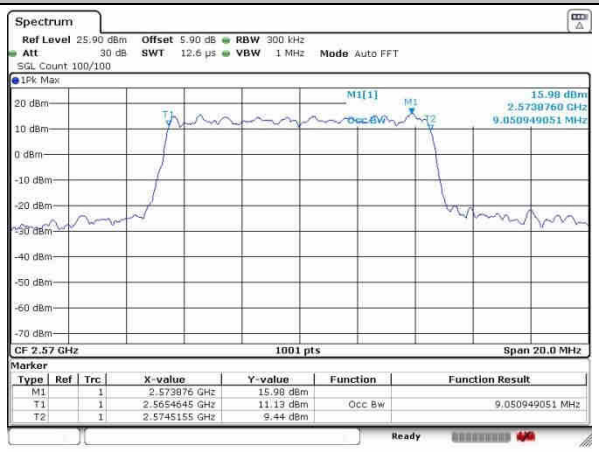
Middle Channel / 10MHz / QPSK



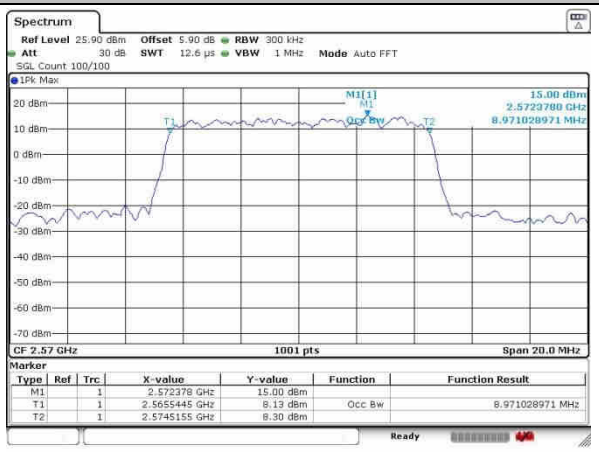
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

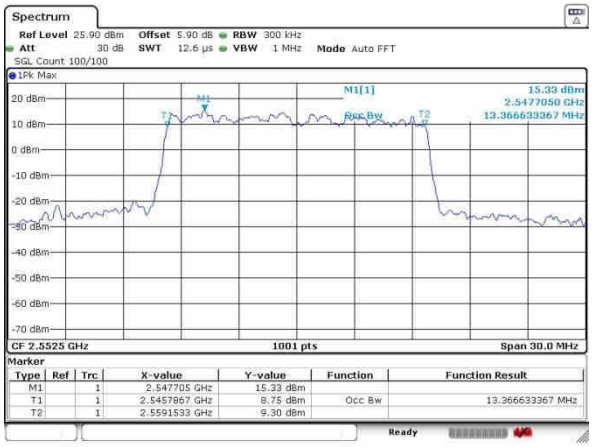


Highest Channel / 10MHz / 16QAM

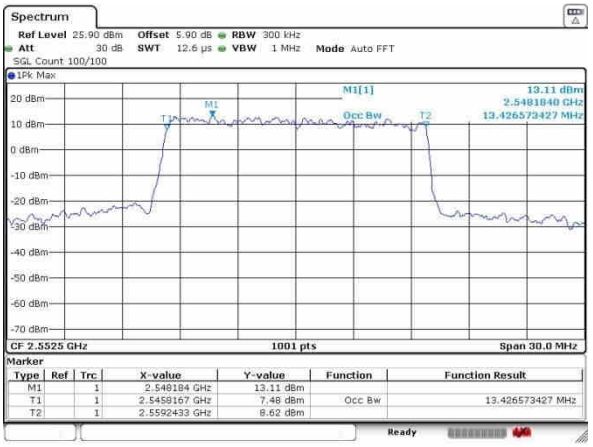


LTE Band 41

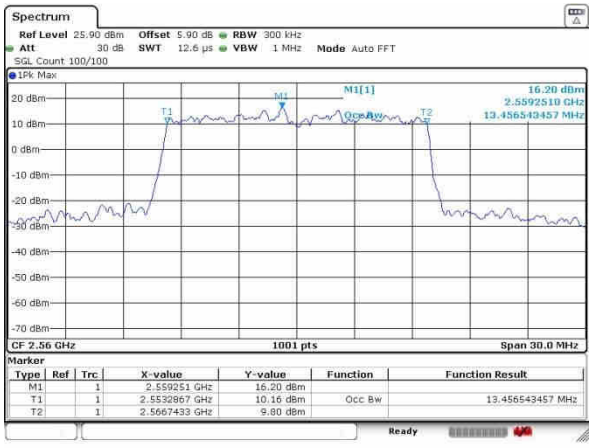
Lowest Channel / 15MHz / QPSK



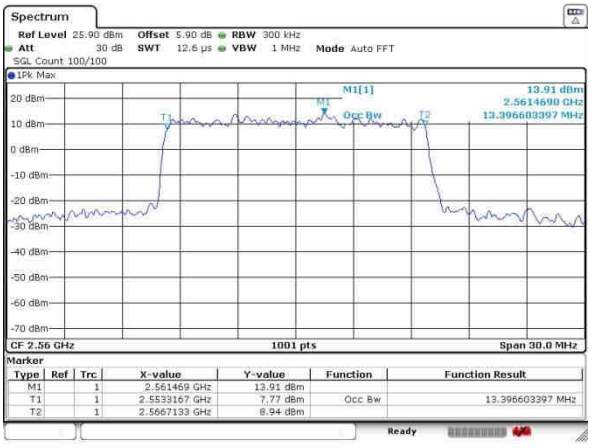
Lowest Channel / 15MHz / 16QAM



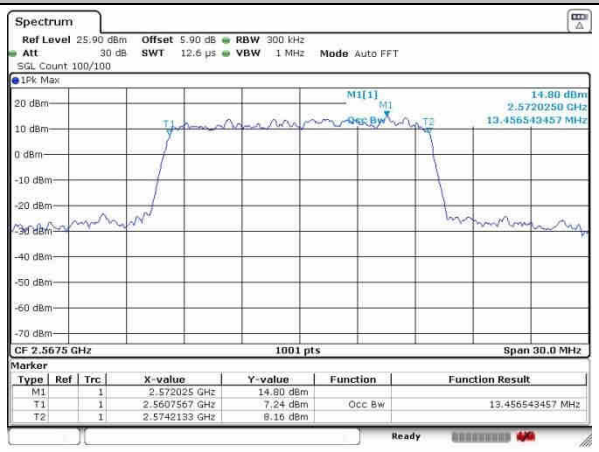
Middle Channel / 15MHz / QPSK



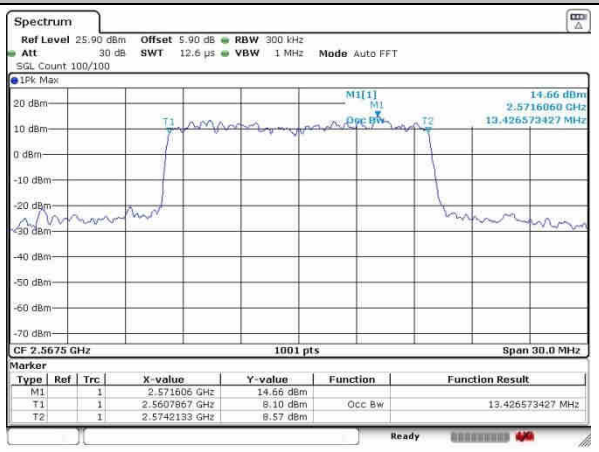
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

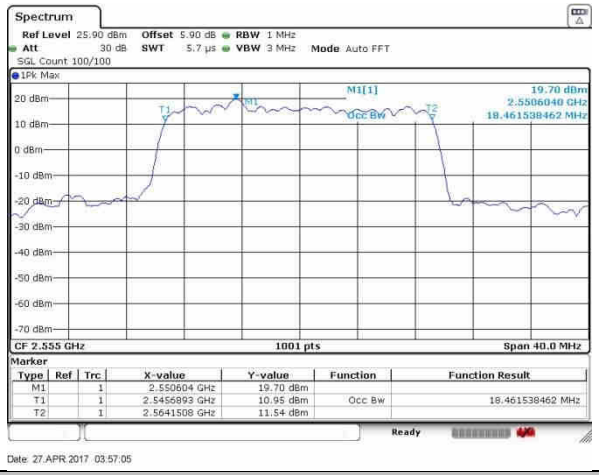


Highest Channel / 15MHz / 16QAM

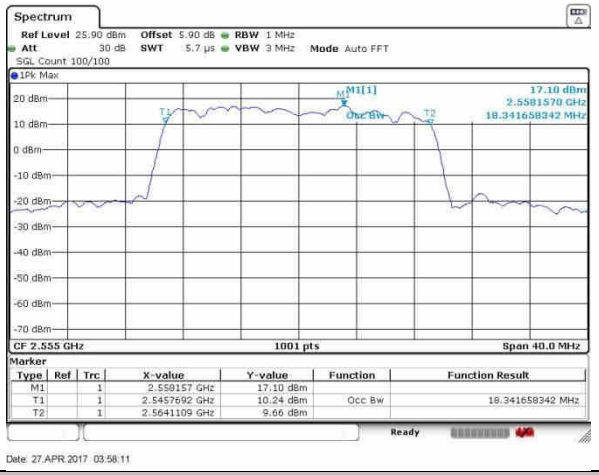


LTE Band 41

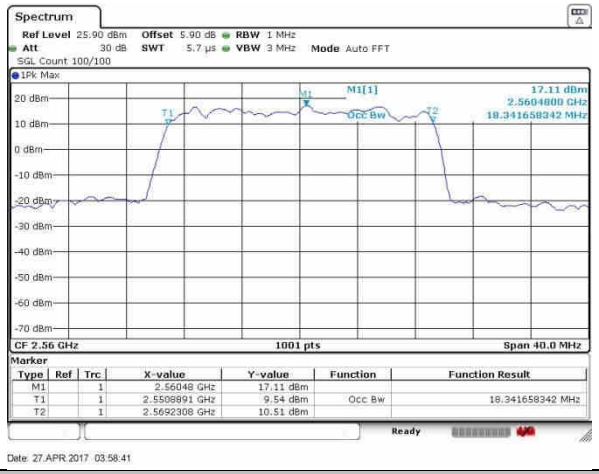
Lowest Channel / 20MHz / QPSK



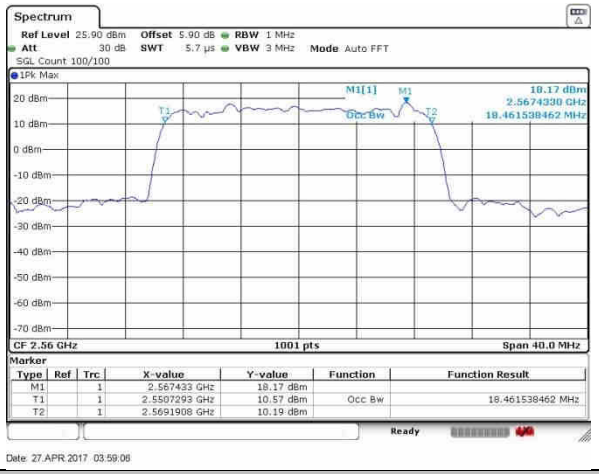
Lowest Channel / 20MHz / 16QAM



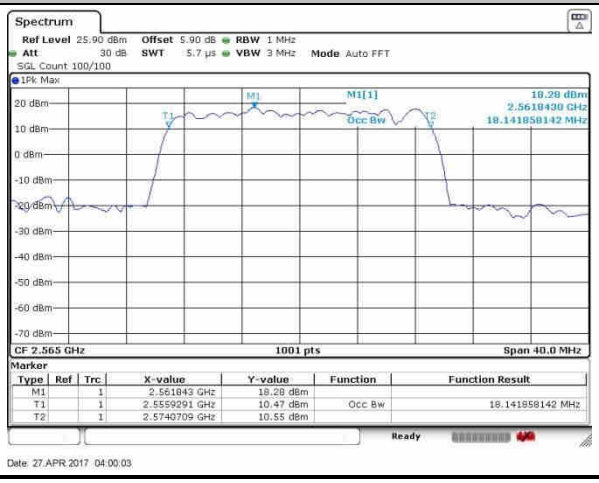
Middle Channel / 20MHz / QPSK



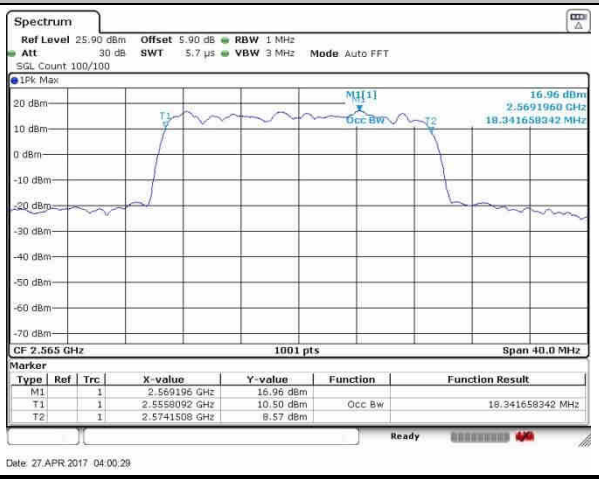
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



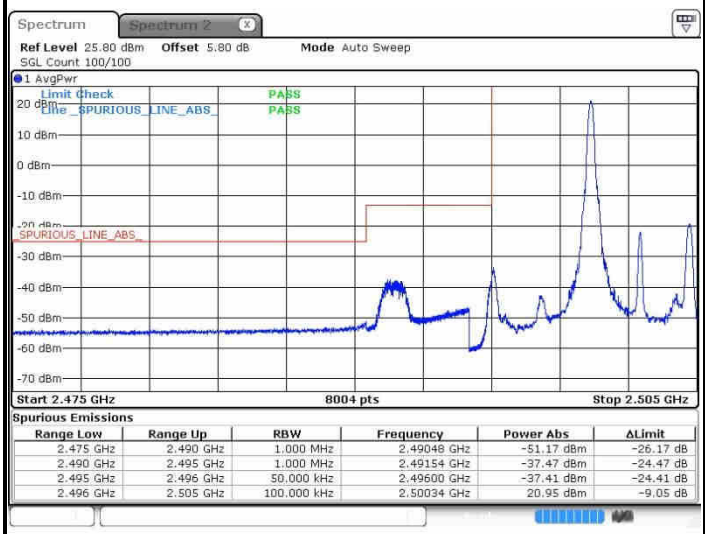
Highest Channel / 20MHz / 16QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

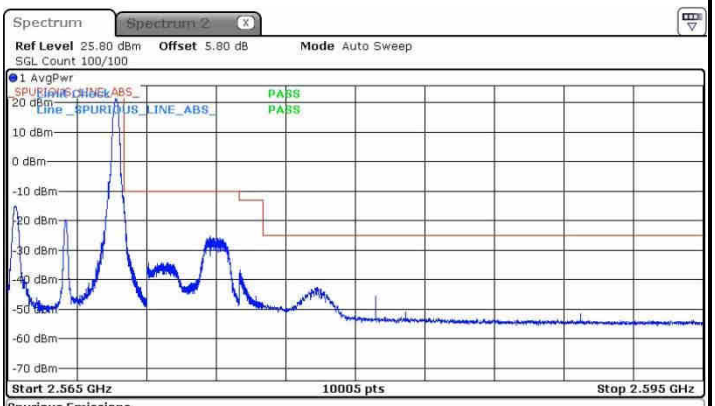


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-51.17 dBm	-26.17 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49154 GHz	-37.47 dBm	-24.47 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49600 GHz	-37.41 dBm	-24.41 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	20.95 dBm	-9.05 dB

Date: 16.APR.2017 20:20:05

Highest Band Edge / 1 RB

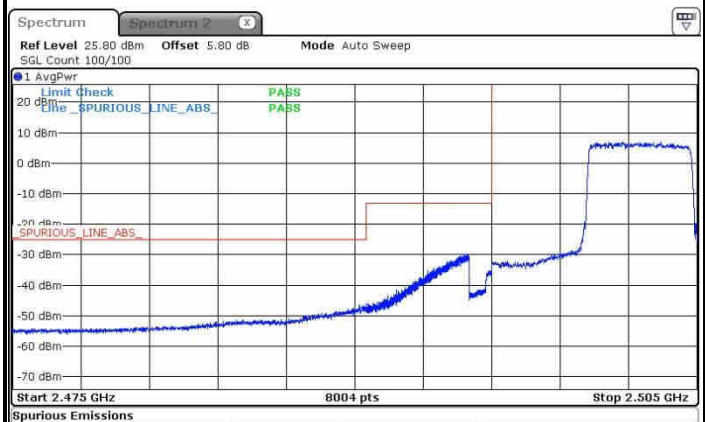


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56965 GHz	21.58 dBm	-8.42 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-14.32 dBm	-4.32 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57373 GHz	-25.32 dBm	-15.32 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-36.66 dBm	-23.66 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57835 GHz	-42.56 dBm	-17.56 dB

Date: 16.APR.2017 20:28:18

Lowest Band Edge / Full RB

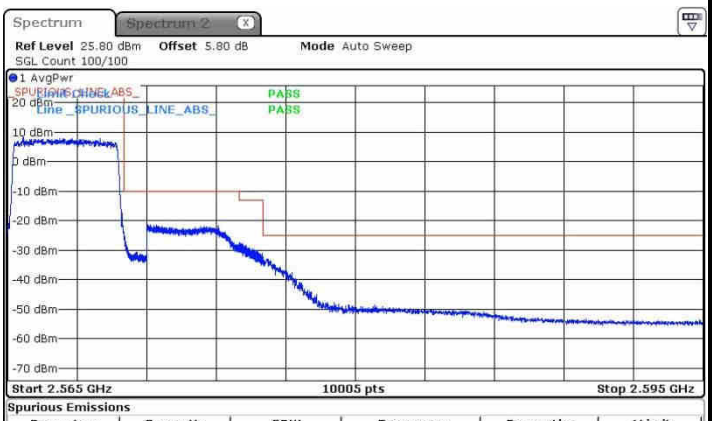


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49049 GHz	-45.94 dBm	-20.94 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49495 GHz	-29.75 dBm	-16.75 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49590 GHz	-35.22 dBm	-22.22 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50341 GHz	7.03 dBm	-22.97 dB

Date: 16.APR.2017 20:23:36

Highest Band Edge / Full RB



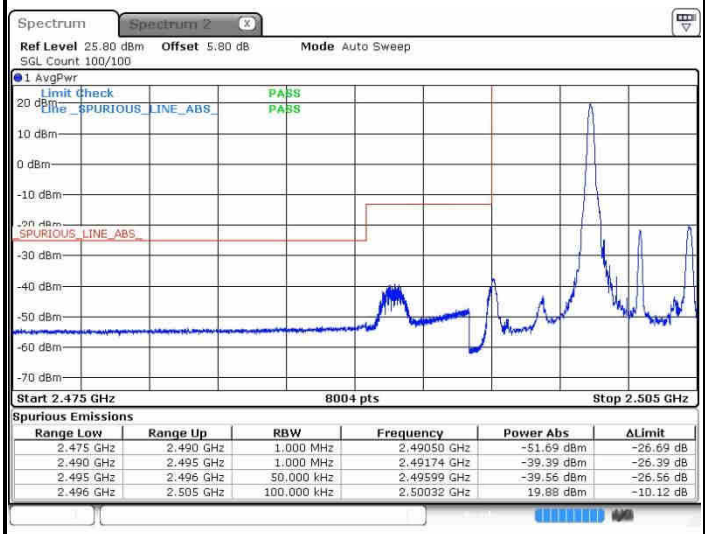
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56567 GHz	8.15 dBm	-21.85 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-23.64 dBm	-13.64 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57140 GHz	-21.32 dBm	-11.32 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57501 GHz	-27.45 dBm	-14.45 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57602 GHz	-32.24 dBm	-7.24 dB

Date: 16.APR.2017 20:24:47

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

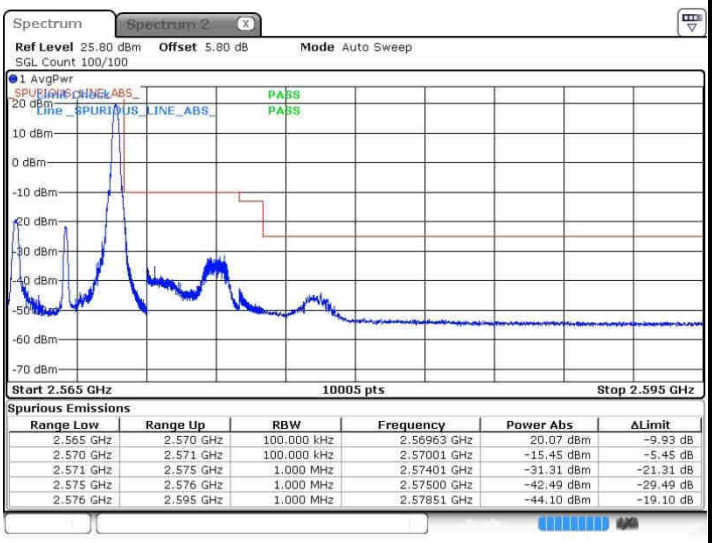


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49050 GHz	-51.69 dBm	-26.69 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49174 GHz	-39.39 dBm	-26.39 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49599 GHz	-39.56 dBm	-26.56 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	19.88 dBm	-10.12 dB

Date: 16.APR.2017 20:21:15

Highest Band Edge / 1 RB

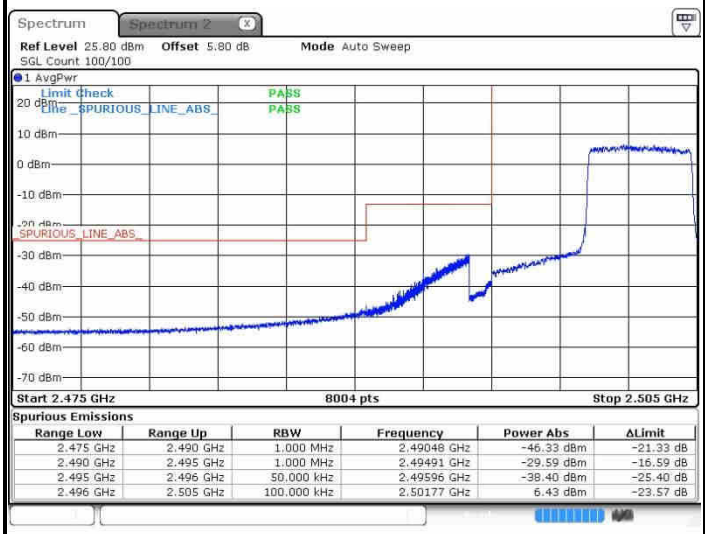


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56963 GHz	20.07 dBm	-9.93 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-15.45 dBm	-5.45 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57401 GHz	-31.31 dBm	-21.31 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-42.49 dBm	-29.49 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57851 GHz	-44.10 dBm	-19.10 dB

Date: 16.APR.2017 20:27:08

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-46.33 dBm	-21.33 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49491 GHz	-29.59 dBm	-16.59 dB
2.495 GHz	2.496 GHz	50.000 kHz	2.49596 GHz	-38.40 dBm	-25.40 dB
2.496 GHz	2.505 GHz	100.000 kHz	2.50177 GHz	6.43 dBm	-23.57 dB

Date: 16.APR.2017 20:22:26

Highest Band Edge / Full RB

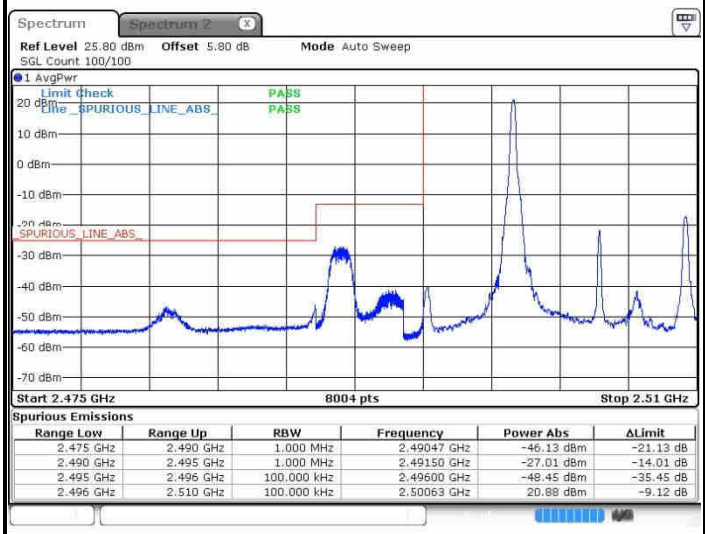
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56639 GHz	6.79 dBm	-23.21 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-24.92 dBm	-14.92 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-21.58 dBm	-11.58 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57511 GHz	-29.28 dBm	-16.28 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57600 GHz	-34.38 dBm	-9.38 dB

Date: 16.APR.2017 20:25:57

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

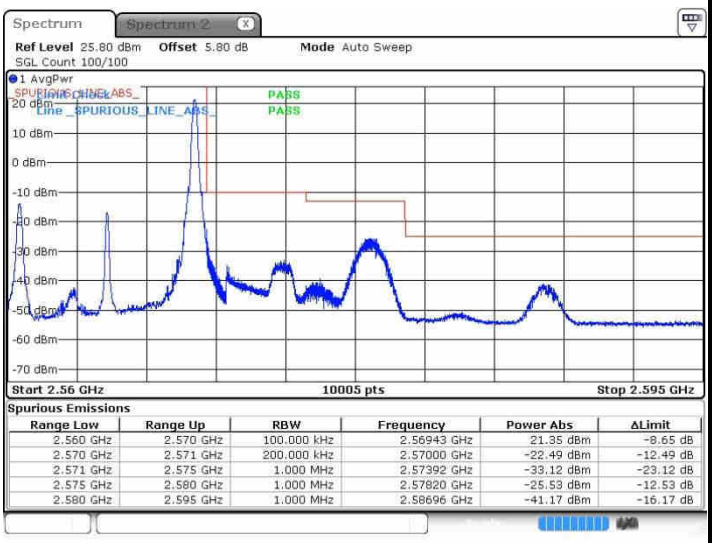


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-46.13 dBm	-21.13 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49150 GHz	-27.01 dBm	-14.01 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-48.45 dBm	-35.45 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50063 GHz	20.88 dBm	-9.12 dB

Date: 16.APR.2017 20:37:11

Highest Band Edge / 1 RB

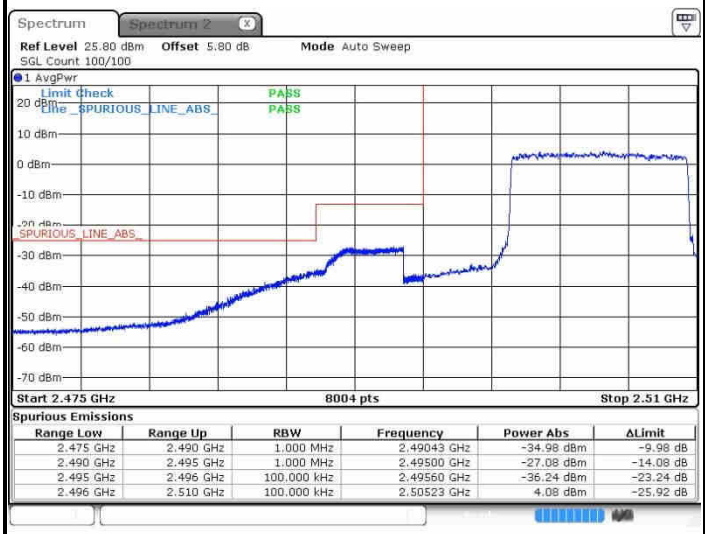


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56943 GHz	21.35 dBm	-8.65 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-22.49 dBm	-12.49 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57392 GHz	-33.12 dBm	-23.12 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57820 GHz	-25.53 dBm	-12.53 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58696 GHz	-41.17 dBm	-16.17 dB

Date: 16.APR.2017 20:45:25

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-34.98 dBm	-9.98 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49500 GHz	-27.08 dBm	-14.08 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49560 GHz	-36.24 dBm	-23.24 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50523 GHz	4.08 dBm	-25.92 dB

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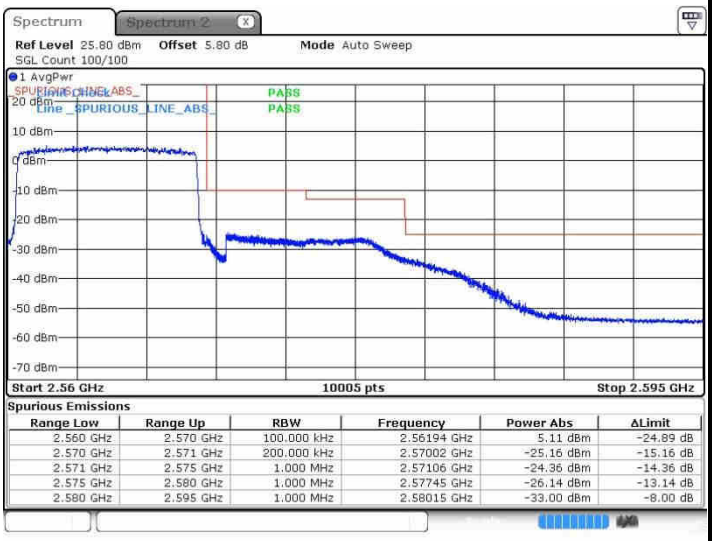
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56194 GHz	5.11 dBm	-24.89 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-25.16 dBm	-15.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57106 GHz	-24.36 dBm	-14.36 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57745 GHz	-26.14 dBm	-13.14 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58015 GHz	-33.00 dBm	-8.00 dB

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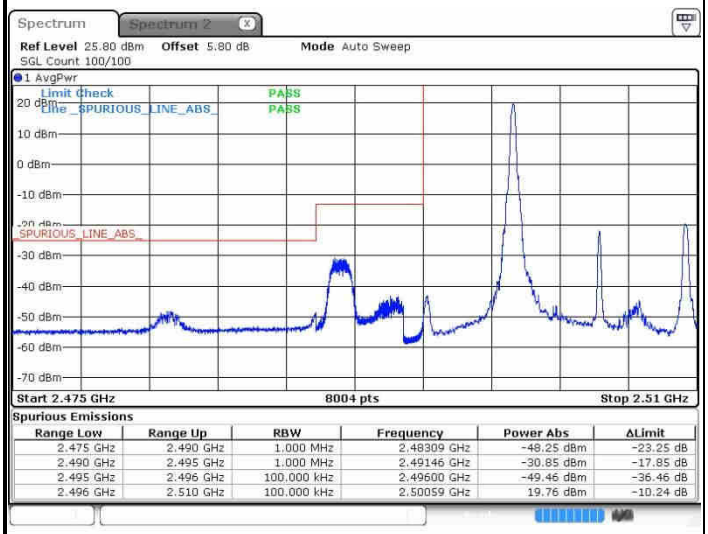
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48309 GHz	-48.25 dBm	-23.25 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49146 GHz	-30.85 dBm	-17.85 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-49.46 dBm	-36.46 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50059 GHz	19.76 dBm	-10.24 dB

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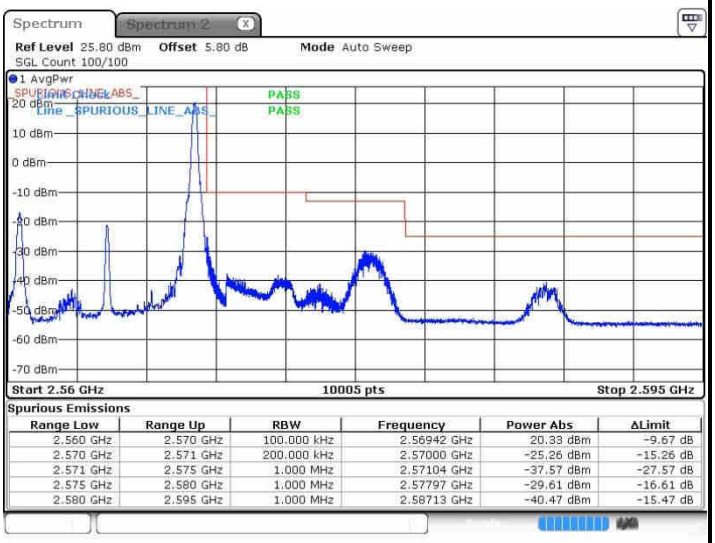
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56942 GHz	20.33 dBm	-9.67 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-25.26 dBm	-15.26 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57104 GHz	-37.57 dBm	-27.57 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57797 GHz	-29.61 dBm	-16.61 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58713 GHz	-40.47 dBm	-15.47 dB

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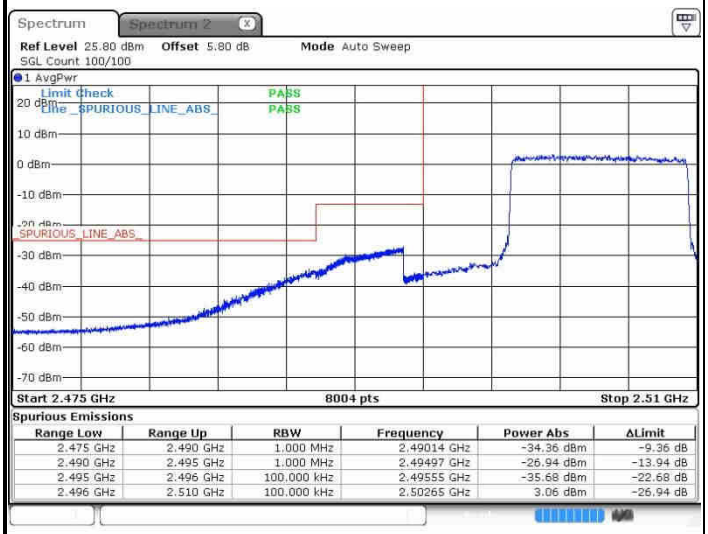
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49014 GHz	-34.36 dBm	-9.36 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-26.94 dBm	-13.94 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49555 GHz	-35.68 dBm	-22.68 dB
2.496 GHz	2.510 GHz	100.000 kHz	2.50265 GHz	3.06 dBm	-26.94 dB

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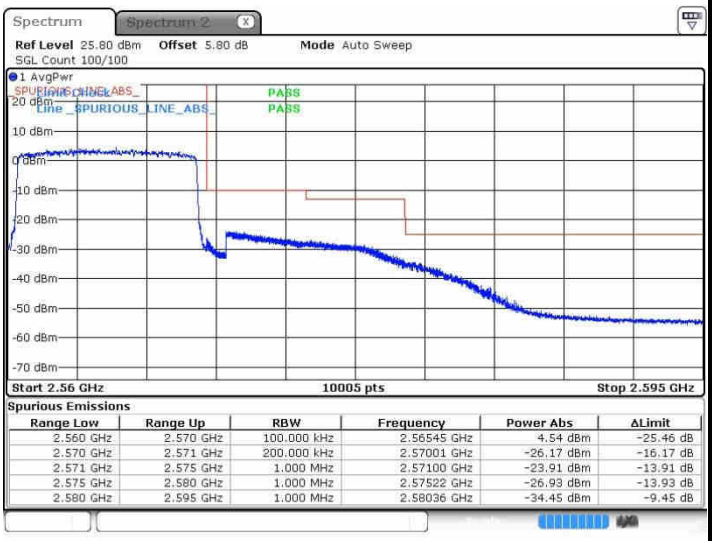
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56545 GHz	4.54 dBm	-25.46 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57001 GHz	-26.17 dBm	-16.17 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-23.91 dBm	-13.91 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57522 GHz	-26.93 dBm	-13.93 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58036 GHz	-34.45 dBm	-9.45 dB

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