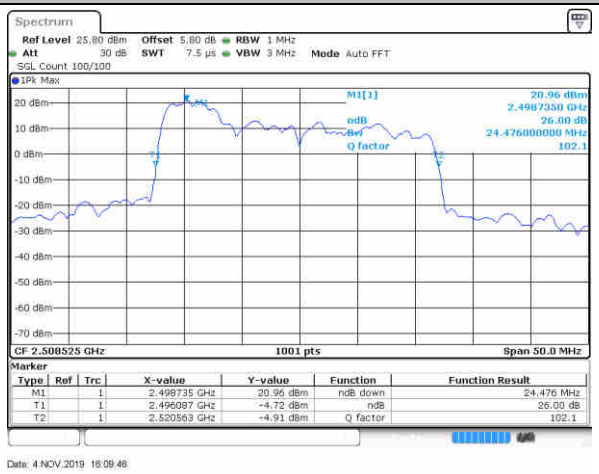
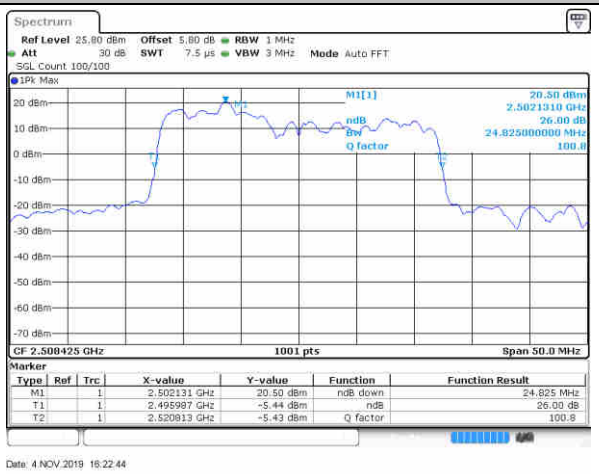
LTE Band 41

16QAM

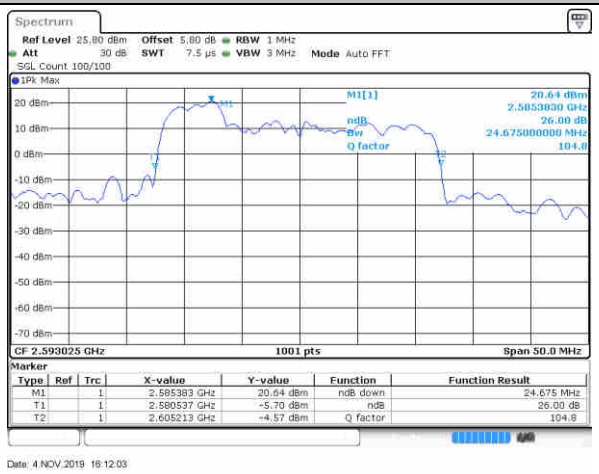
Lowest Channel / 5MHz+20MHz



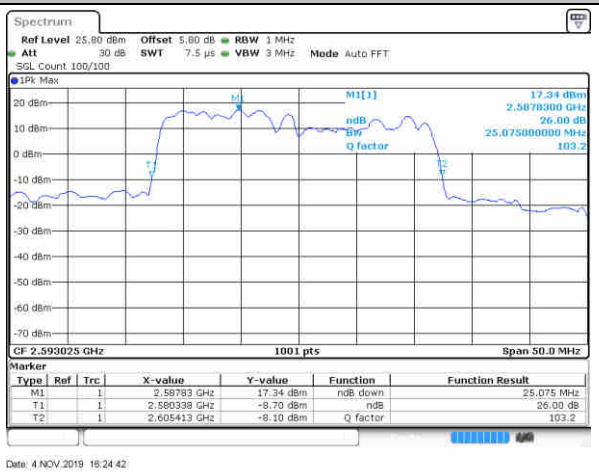
Lowest Channel / 10MHz+15MHz



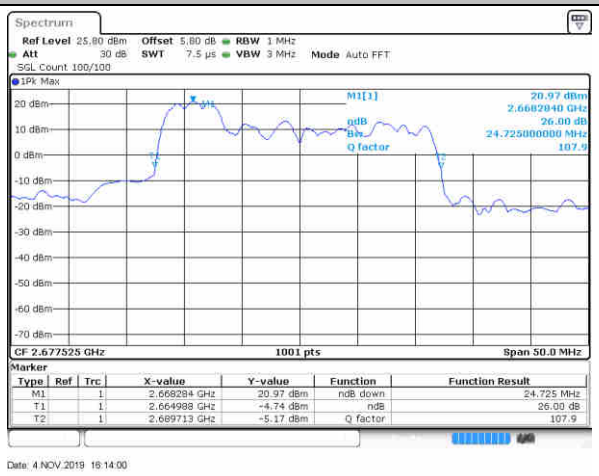
Middle Channel / 5MHz+20MHz



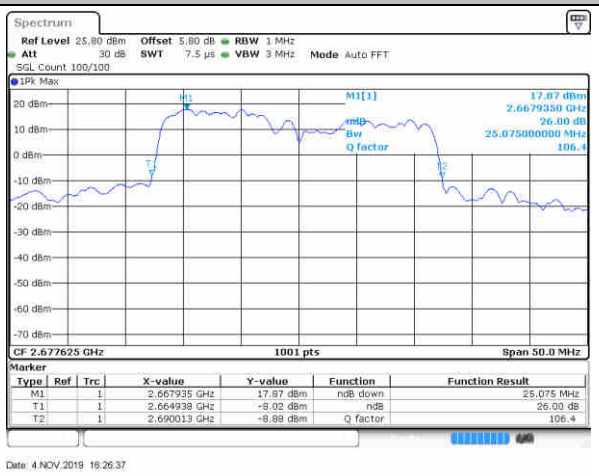
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



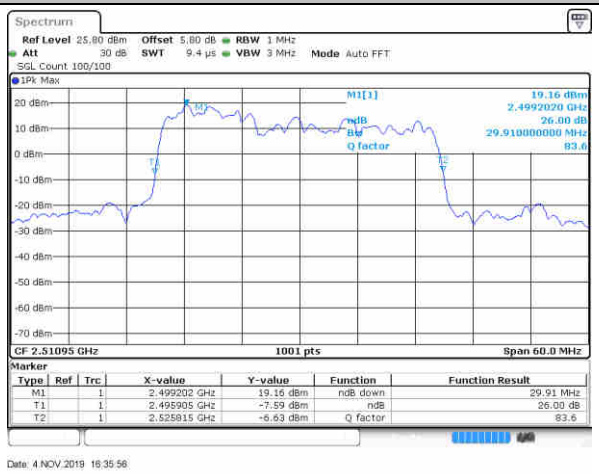
Highest Channel / 10MHz+15MHz



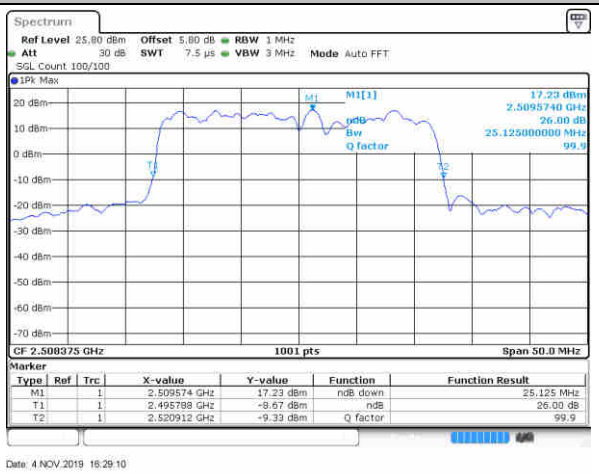
LTE Band 41

16QAM

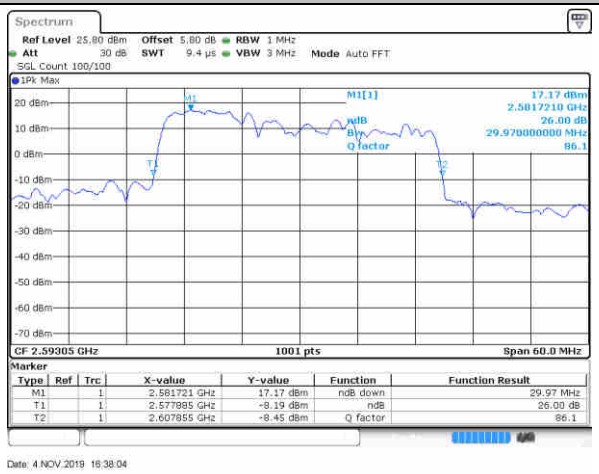
Lowest Channel / 10MHz+20MHz



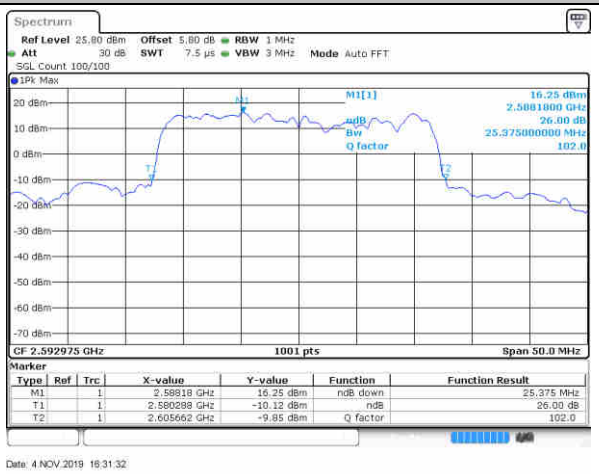
Lowest Channel / 15MHz+10MHz



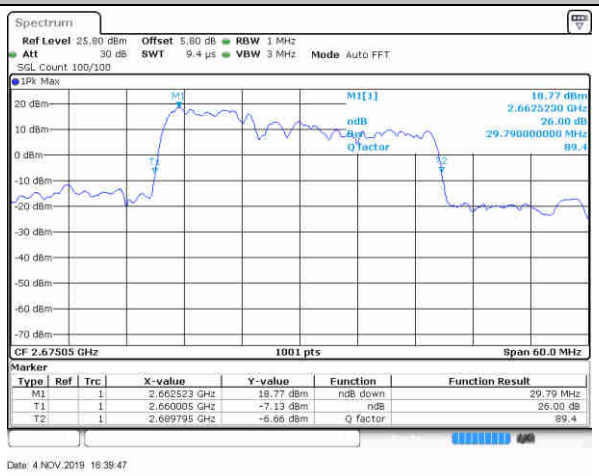
Middle Channel / 10MHz+20MHz



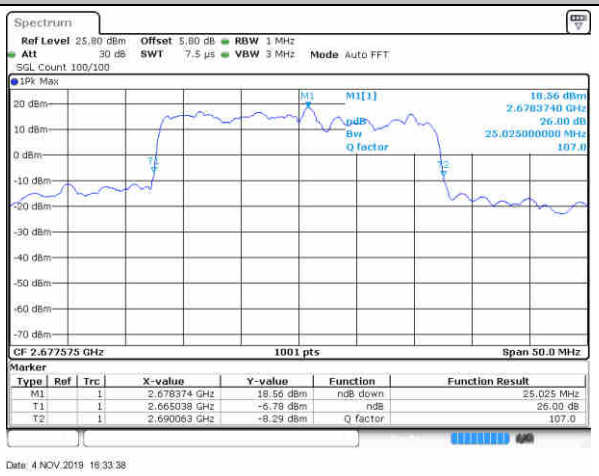
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



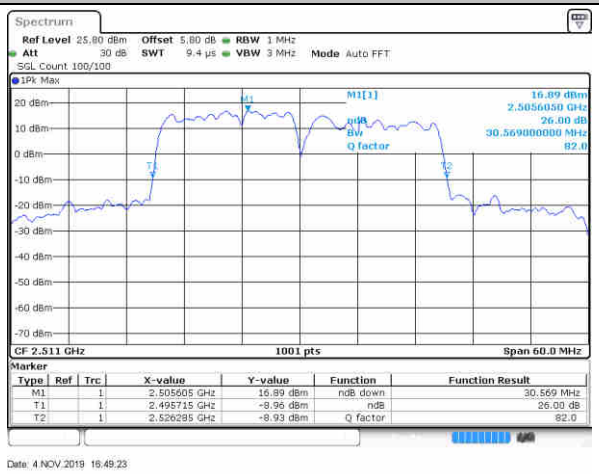
Highest Channel / 15MHz+10MHz



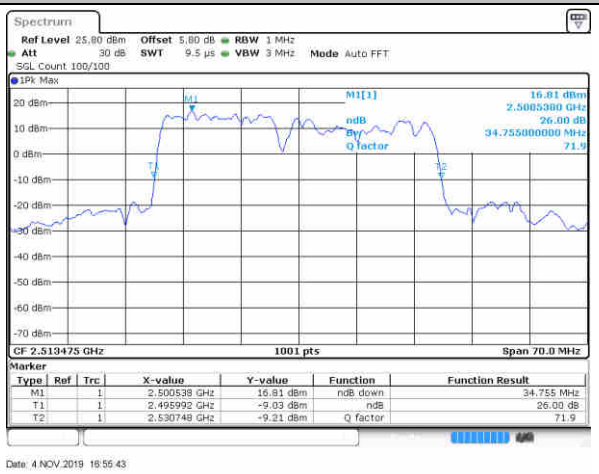
LTE Band 41

16QAM

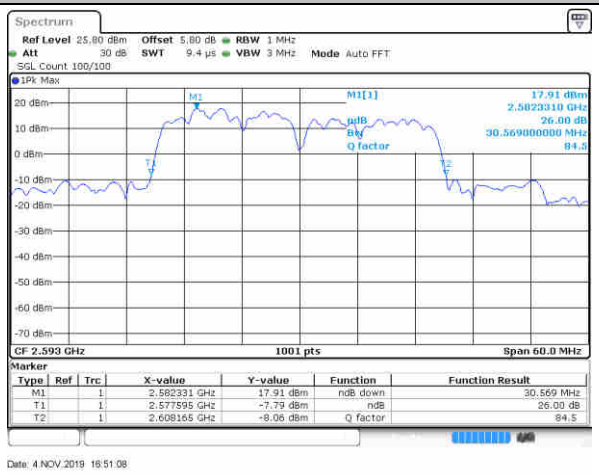
Lowest Channel / 15MHz+15MHz



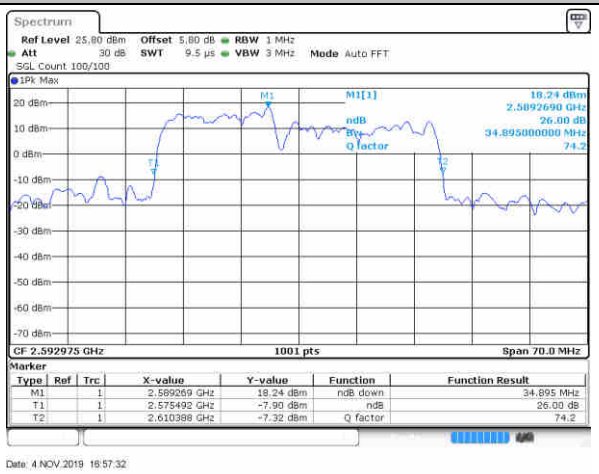
Lowest Channel / 15MHz+20MHz



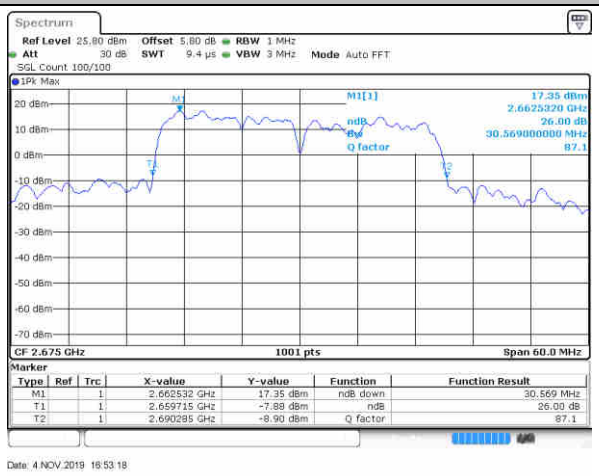
Middle Channel / 15MHz+15MHz



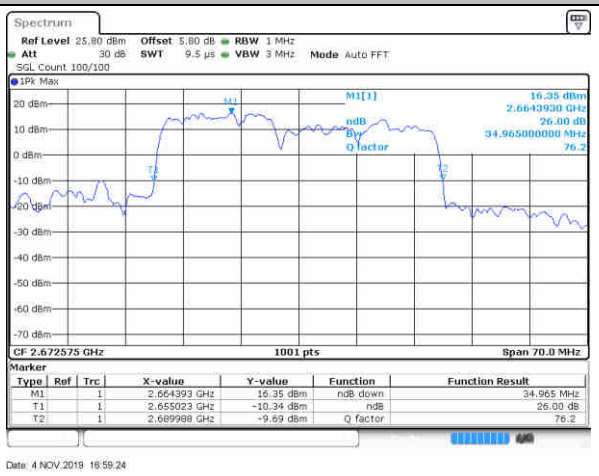
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



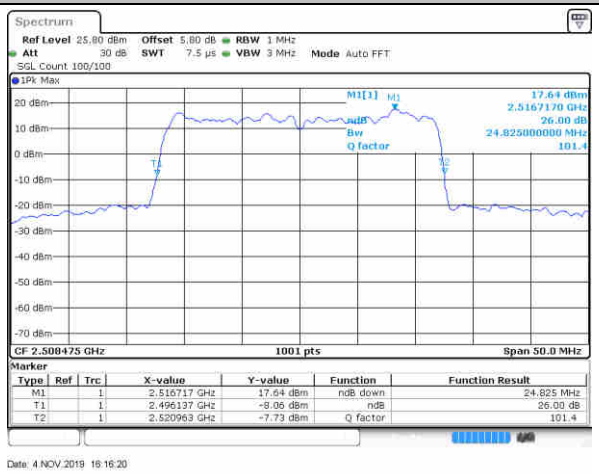
Highest Channel / 15MHz+20MHz



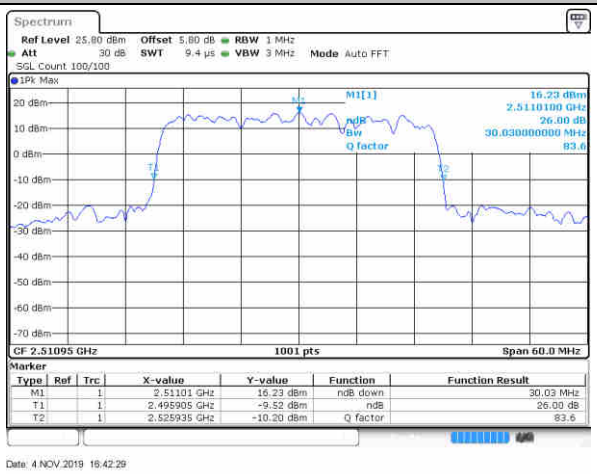
LTE Band 41

16QAM

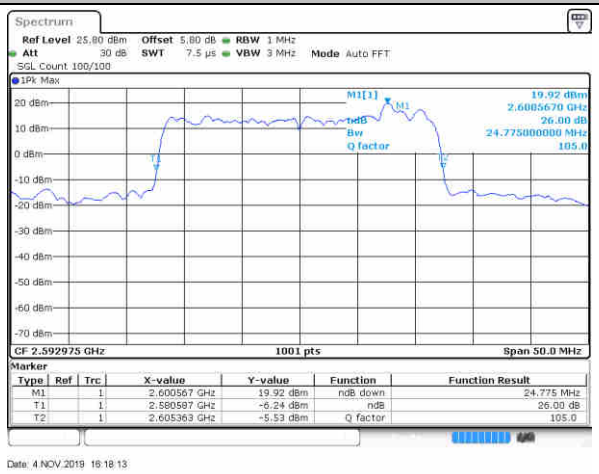
Lowest Channel / 20MHz+5MHz



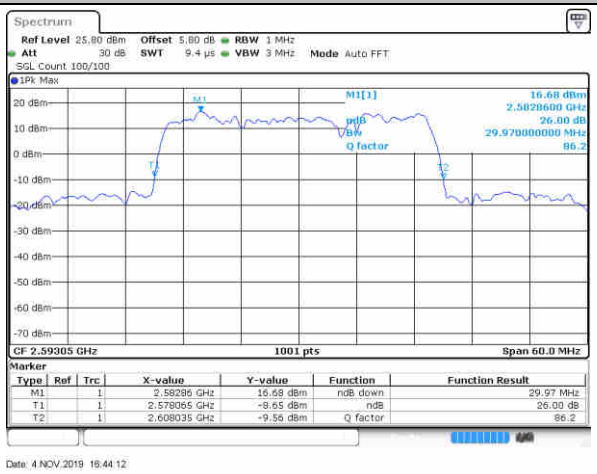
Lowest Channel / 20MHz+10MHz



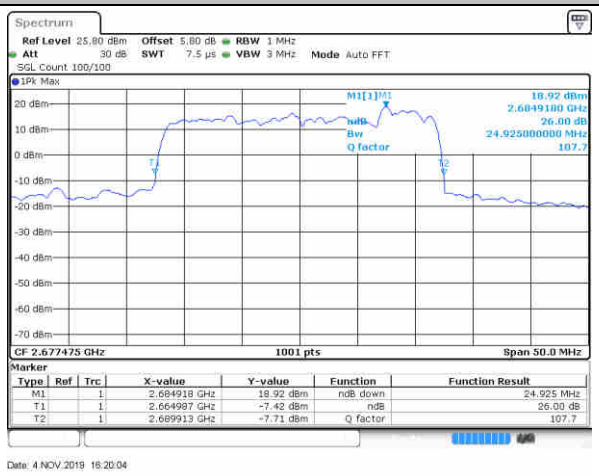
Middle Channel / 20MHz+5MHz



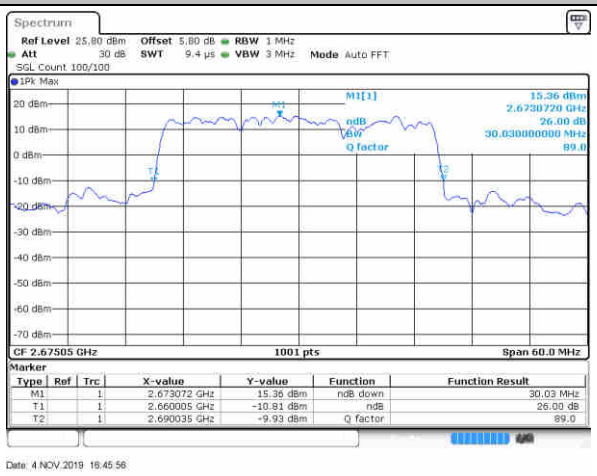
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



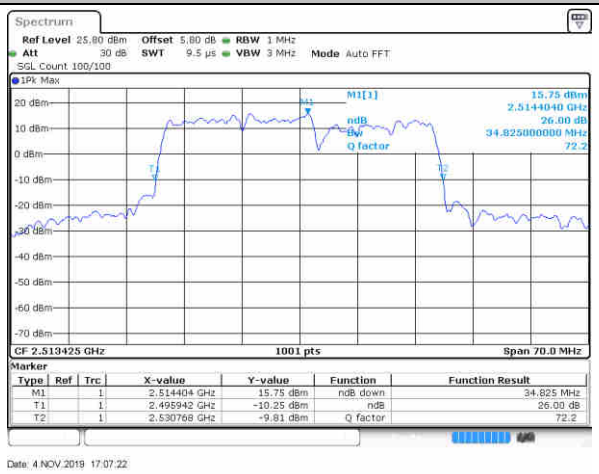
Highest Channel / 20MHz+10MHz



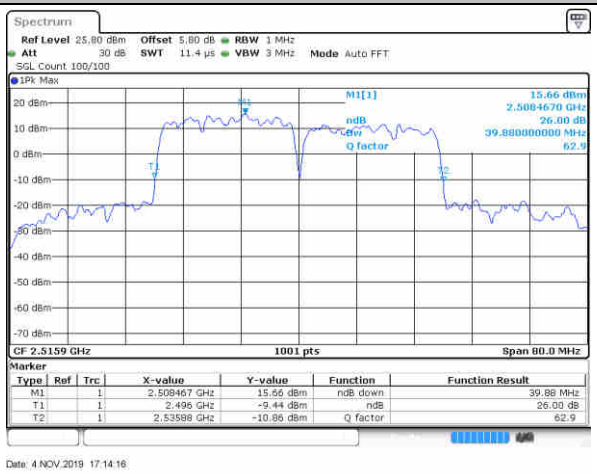
LTE Band 41

16QAM

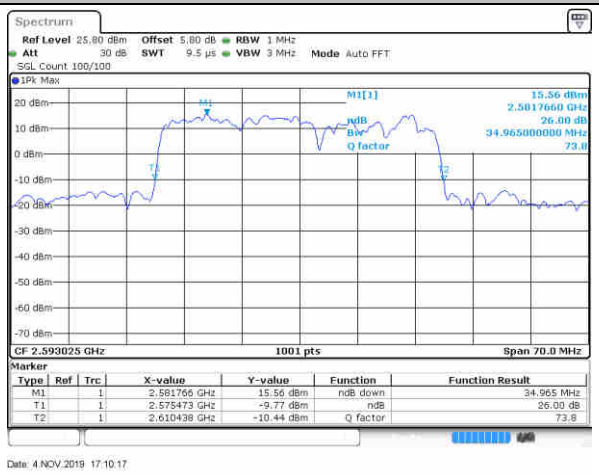
Lowest Channel / 20MHz+15MHz



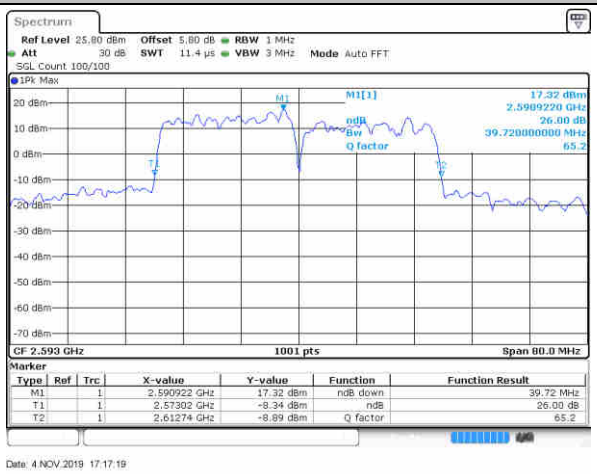
Lowest Channel / 20MHz+20MHz



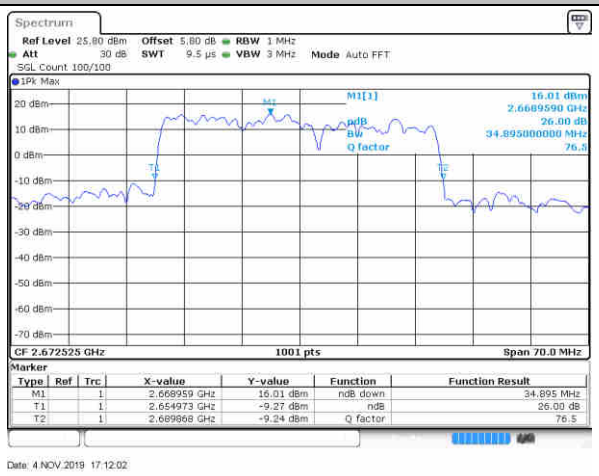
Middle Channel / 20MHz+15MHz



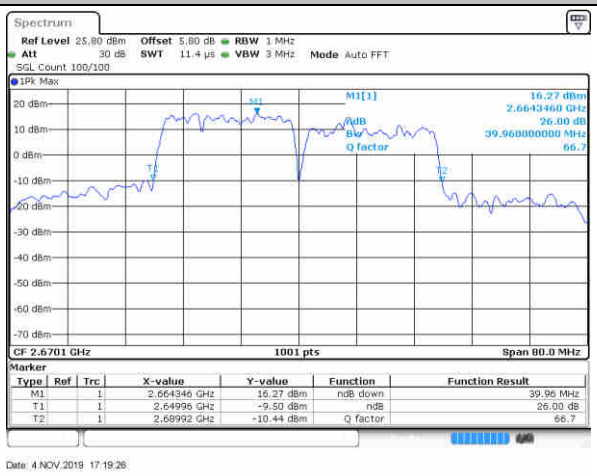
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



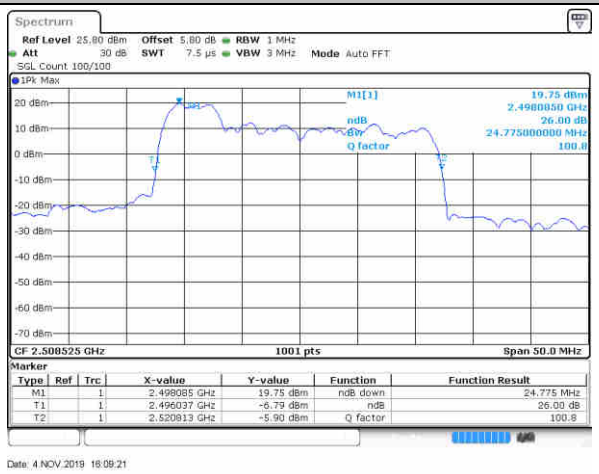
Highest Channel / 20MHz+20MHz



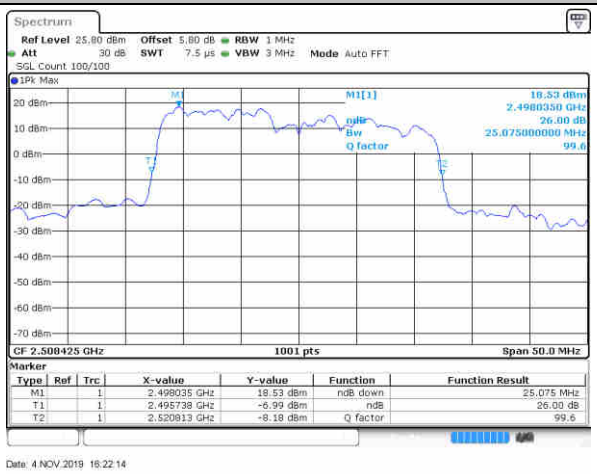
LTE Band 41

64QAM

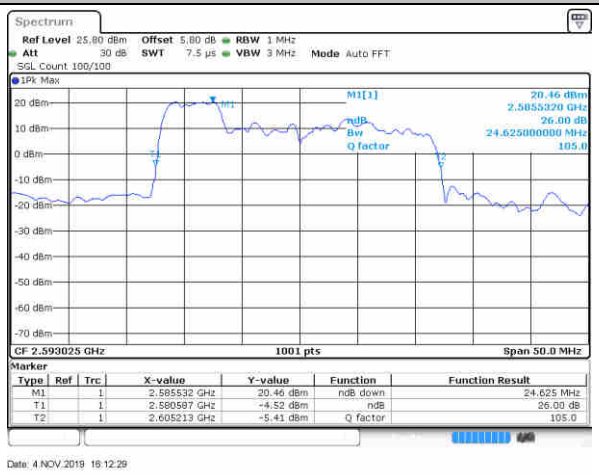
Lowest Channel / 5MHz+20MHz



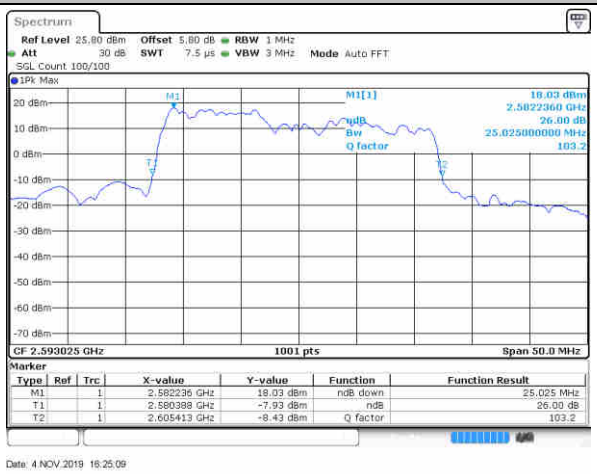
Lowest Channel / 10MHz+15MHz



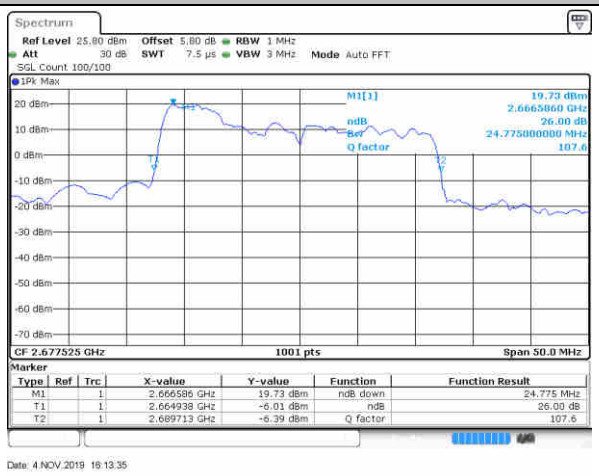
Middle Channel / 5MHz+20MHz



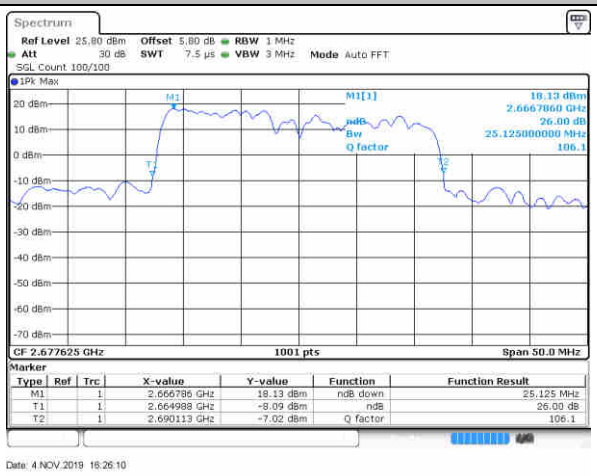
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



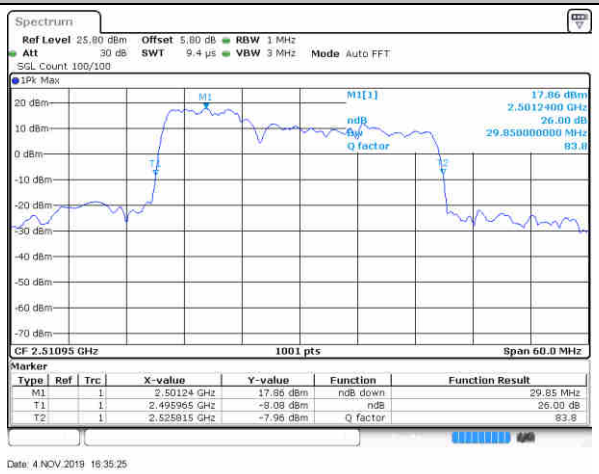
Highest Channel / 10MHz+15MHz



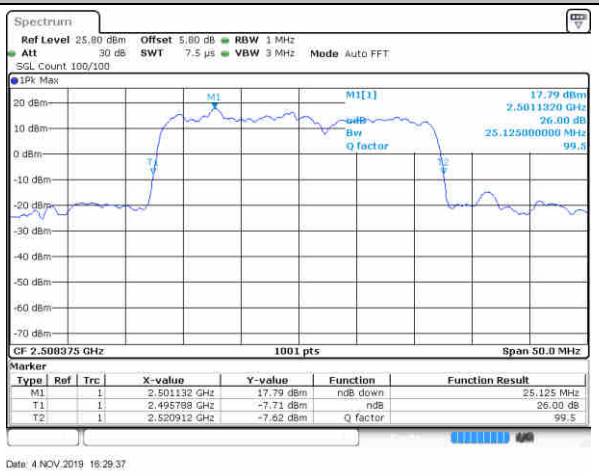
LTE Band 41

64QAM

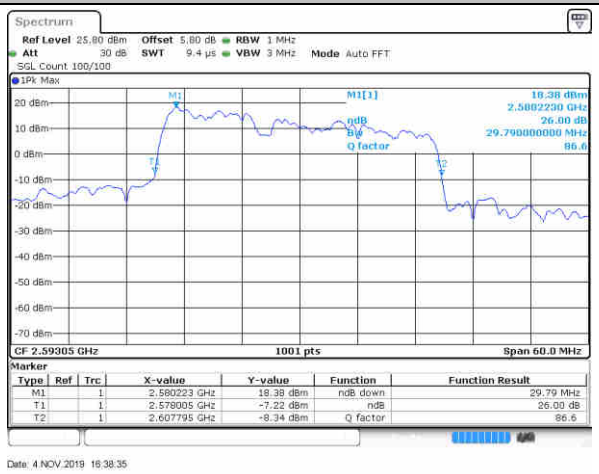
Lowest Channel / 10MHz+20MHz



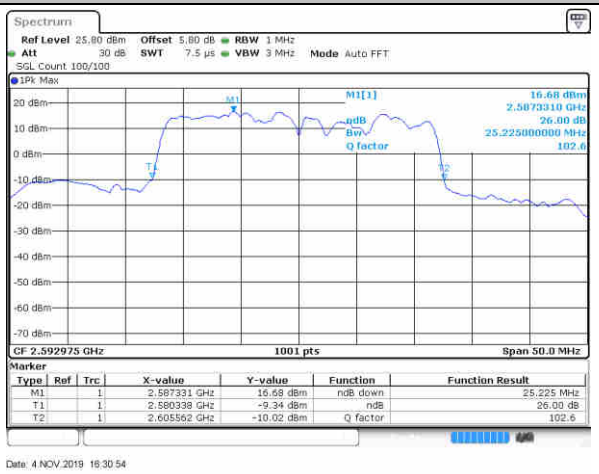
Lowest Channel / 15MHz+10MHz



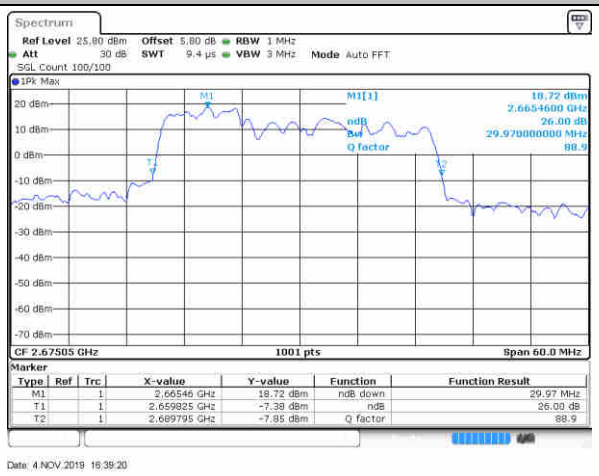
Middle Channel / 10MHz+20MHz



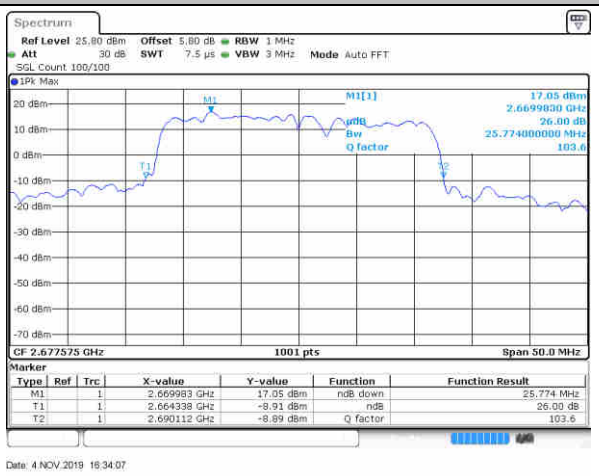
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



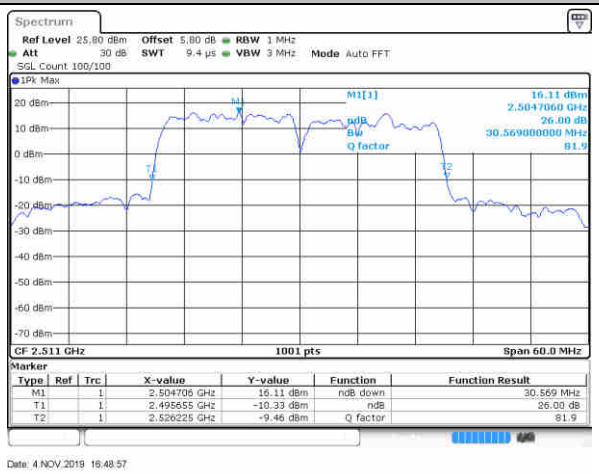
Highest Channel / 15MHz+10MHz



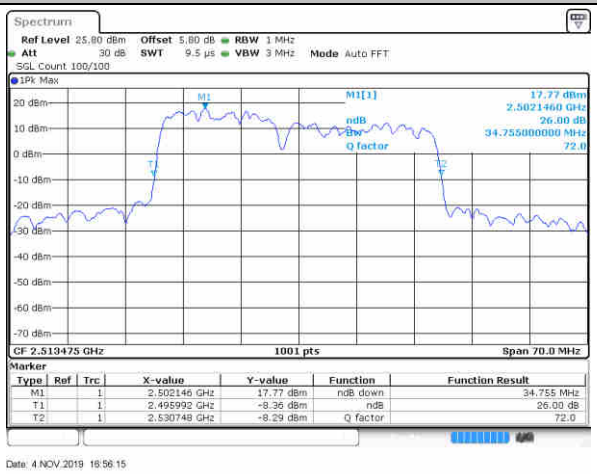
LTE Band 41

64QAM

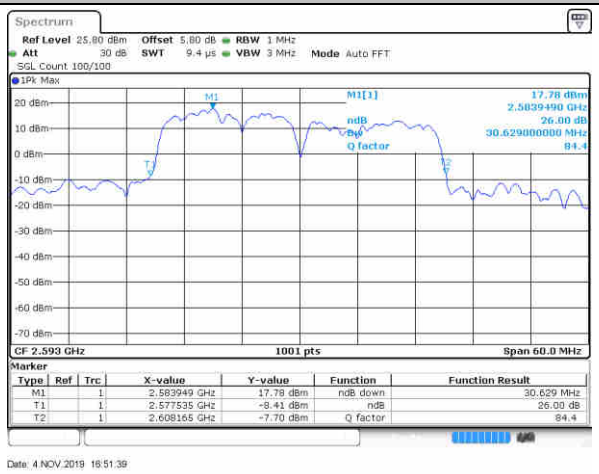
Lowest Channel / 15MHz+15MHz



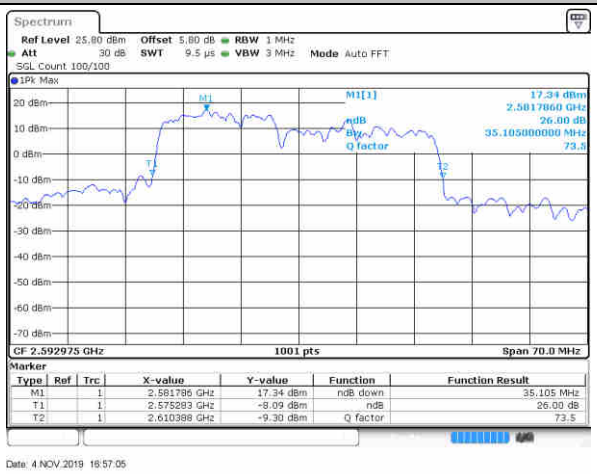
Lowest Channel / 15MHz+20MHz



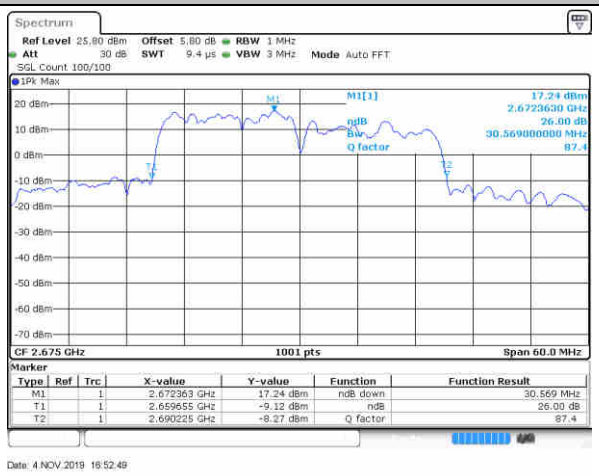
Middle Channel / 15MHz+15MHz



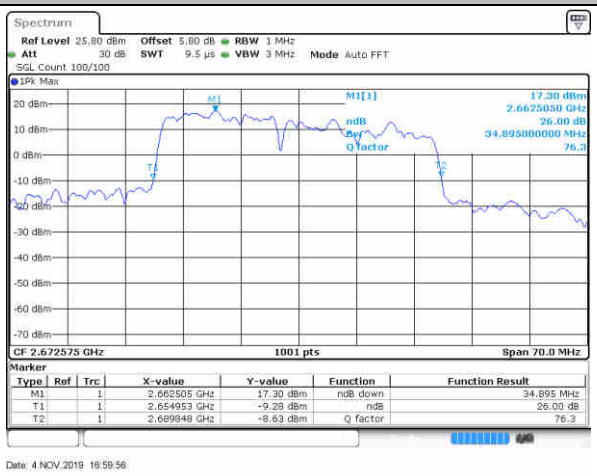
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



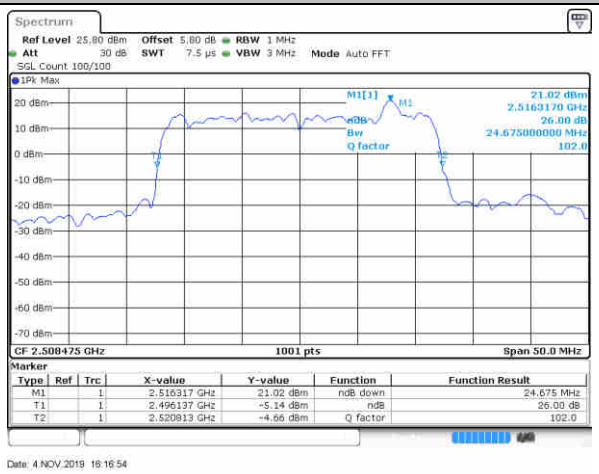
Highest Channel / 15MHz+20MHz



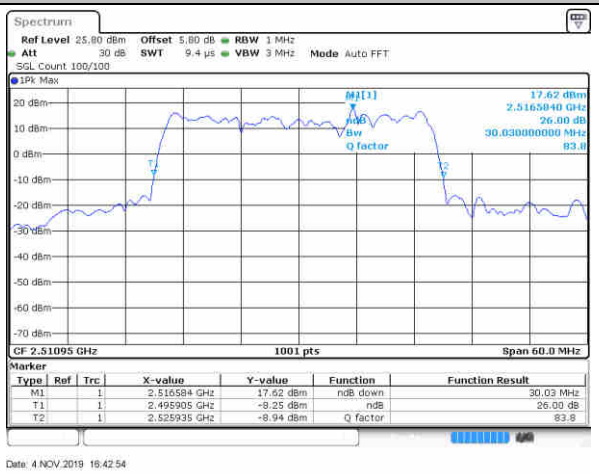
LTE Band 41

64QAM

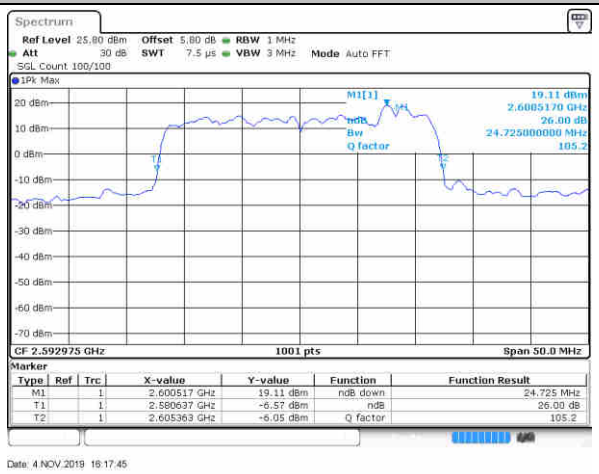
Lowest Channel / 20MHz+5MHz



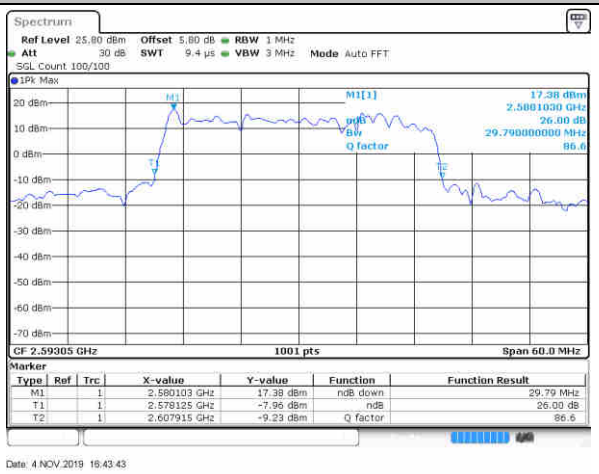
Lowest Channel / 20MHz+10MHz



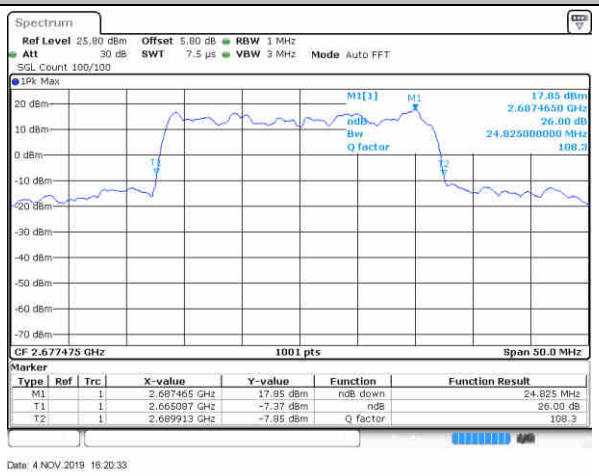
Middle Channel / 20MHz+5MHz



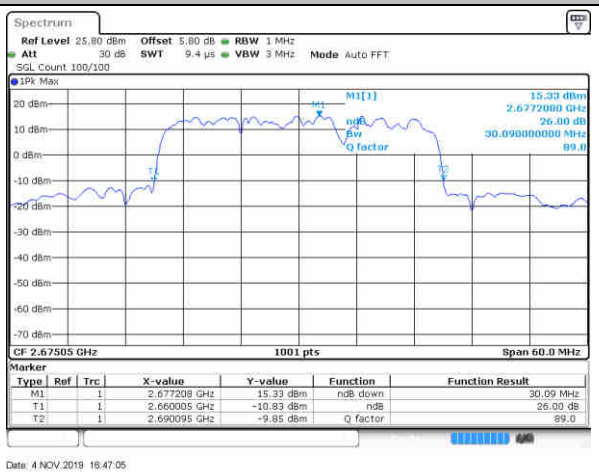
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



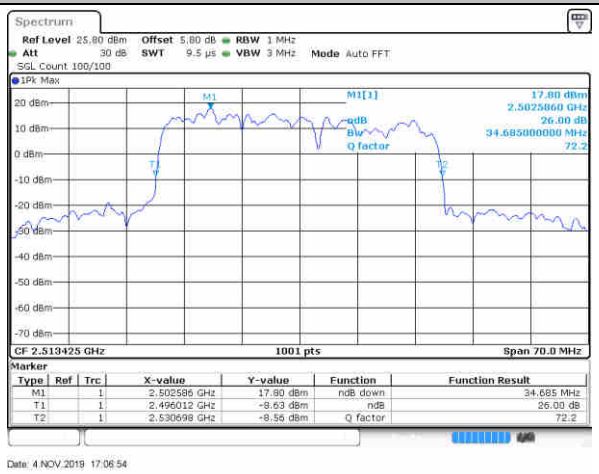
Highest Channel / 20MHz+10MHz



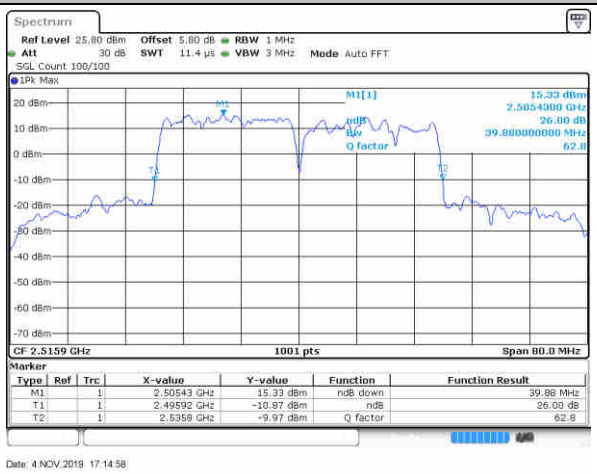
LTE Band 41

64QAM

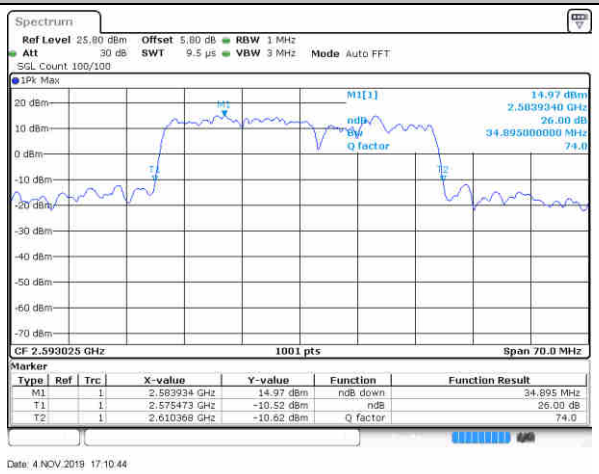
Lowest Channel / 20MHz+15MHz



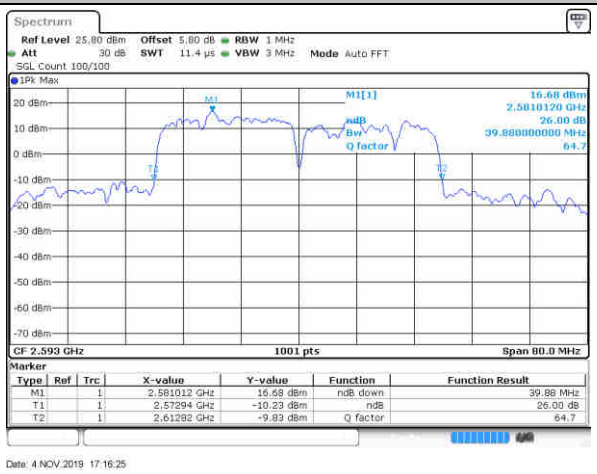
Lowest Channel / 20MHz+20MHz



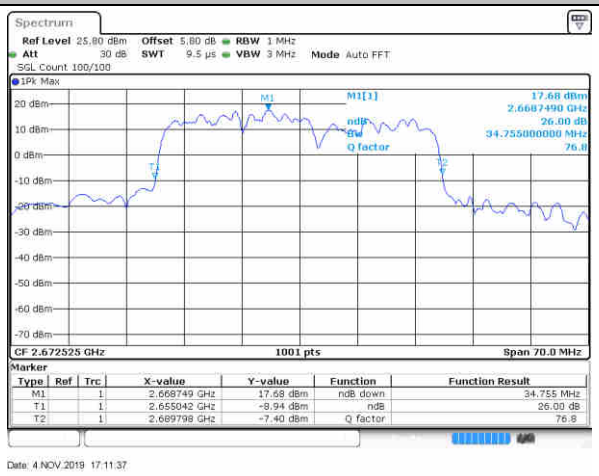
Middle Channel / 20MHz+15MHz



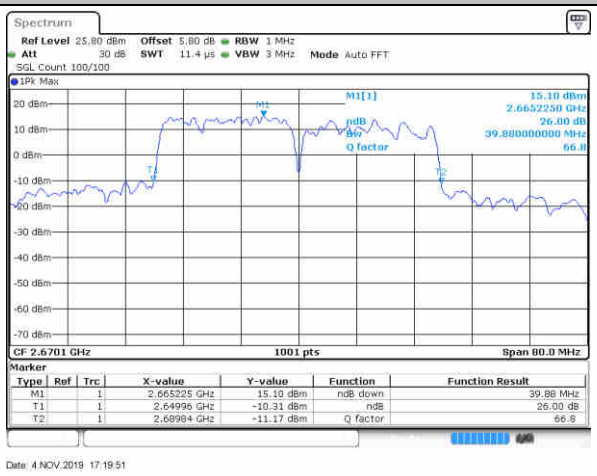
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.48	27.81	23.43	28.71
Middle CH	22.98	23.38	27.99	23.48	28.71
Highest CH	23.08	23.48	27.93	23.63	28.95
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	23.33	27.81	32.52	37.72
Middle CH	32.66	23.23	27.99	33.01	37.72
Highest CH	32.66	23.38	27.87	32.80	37.96

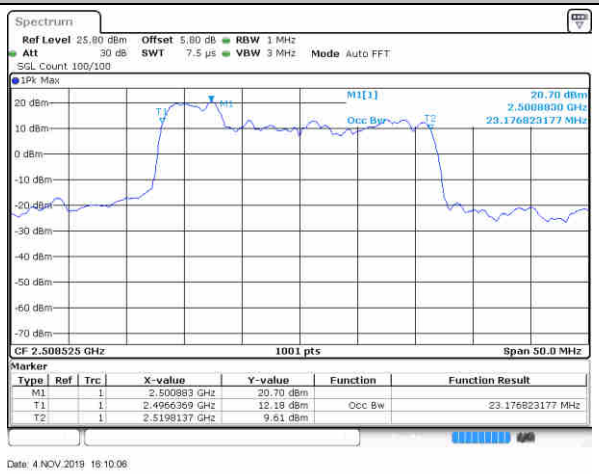
Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.38	27.93	23.48	28.29
Middle CH	23.38	23.48	27.63	23.83	28.47
Highest CH	23.18	23.63	27.87	23.63	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	23.28	28.17	32.87	37.56
Middle CH	33.01	23.13	28.29	32.87	37.72
Highest CH	32.87	23.28	27.99	33.15	37.72

Mode	LTE Band 41 : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.03	23.48	27.93	23.53	28.83
Middle CH	23.23	23.28	28.05	23.28	28.59
Highest CH	23.33	23.23	27.99	23.68	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.80	23.28	27.75	32.38	37.64
Middle CH	32.94	23.18	27.87	32.80	37.80
Highest CH	32.73	23.43	28.23	32.94	37.56

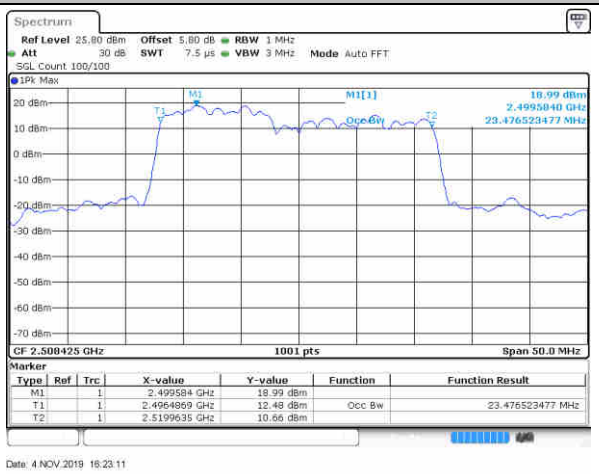
LTE Band 41

QPSK

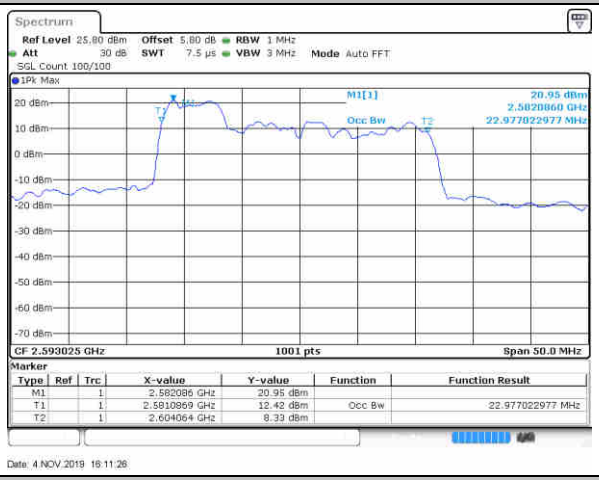
Lowest Channel / 5MHz+20MHz



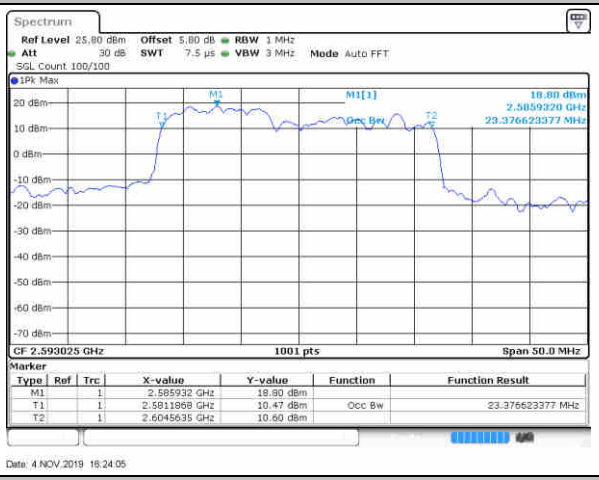
Lowest Channel / 10MHz+15MHz



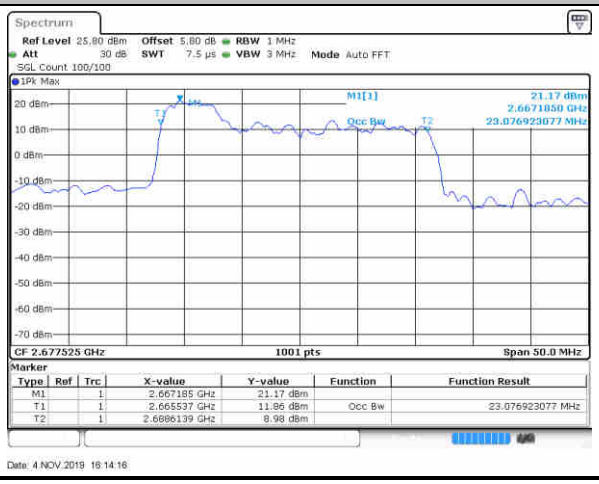
Middle Channel / 5MHz+20MHz



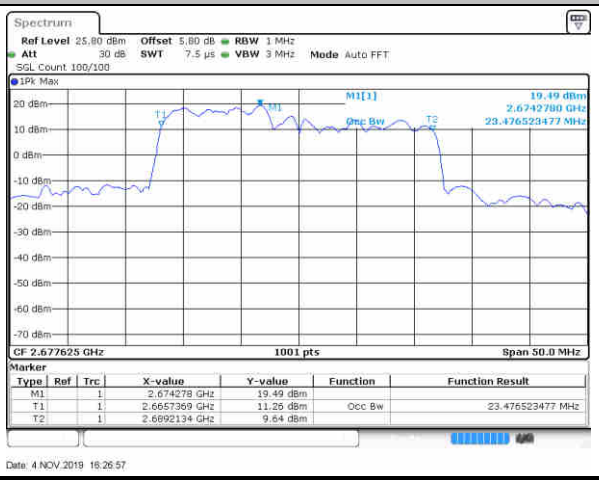
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



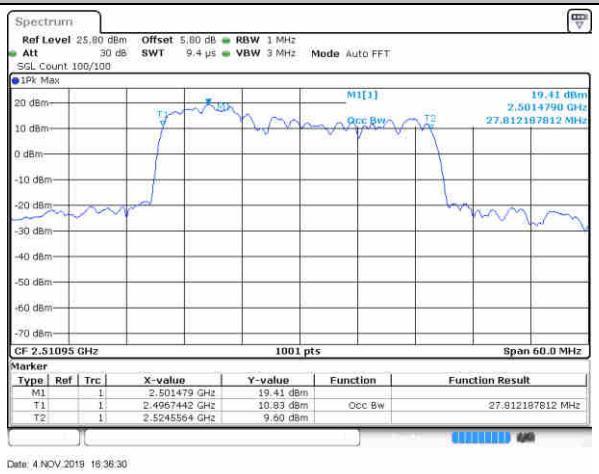
Highest Channel / 10MHz+15MHz



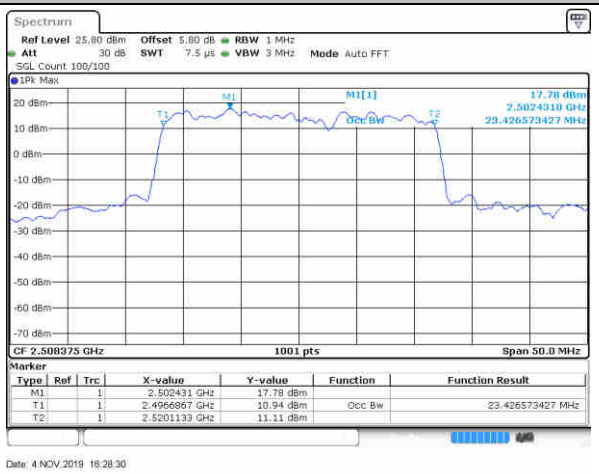
LTE Band 41

QPSK

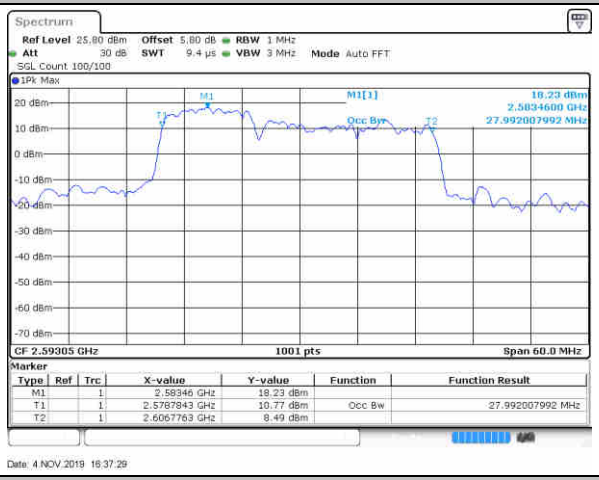
Lowest Channel / 10MHz+20MHz



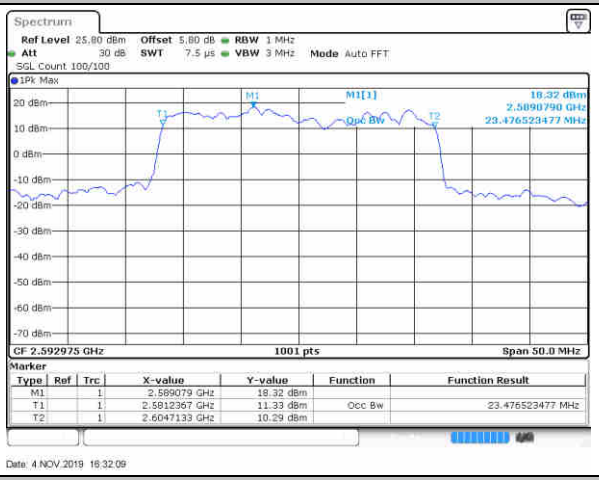
Lowest Channel / 15MHz+10MHz



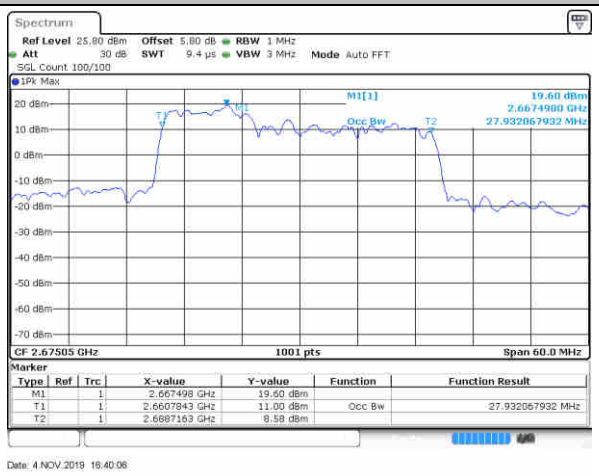
Middle Channel / 10MHz+20MHz



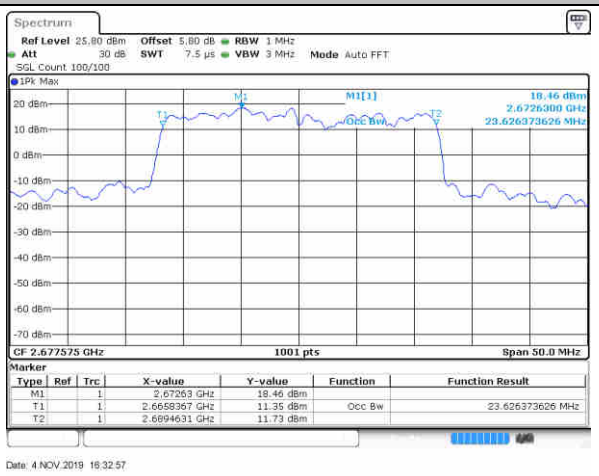
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



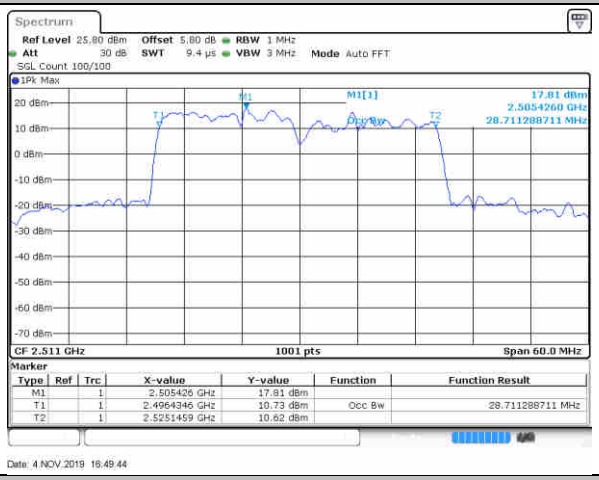
Highest Channel / 15MHz+10MHz



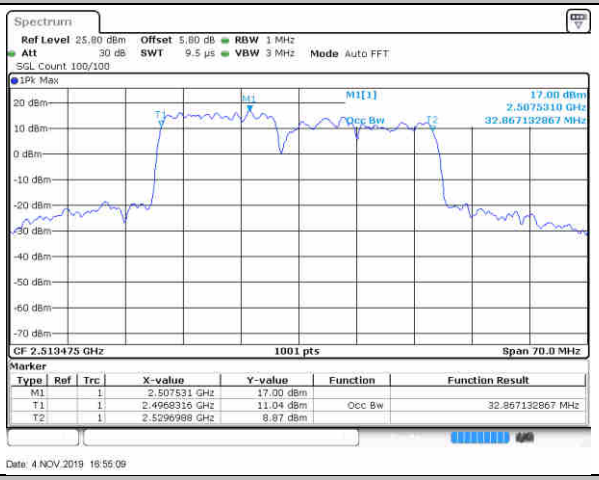
LTE Band 41

QPSK

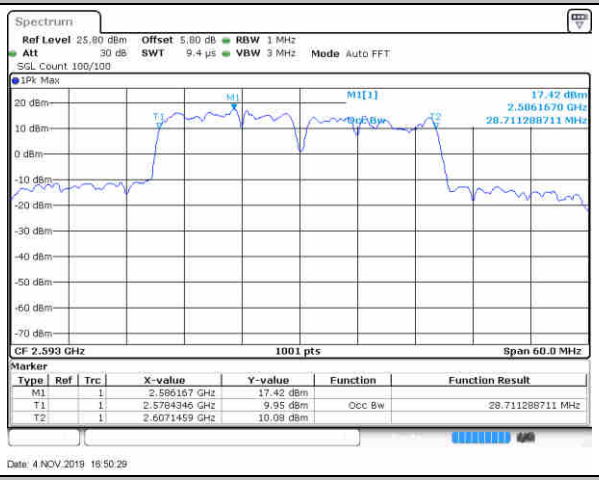
Lowest Channel / 15MHz+15MHz



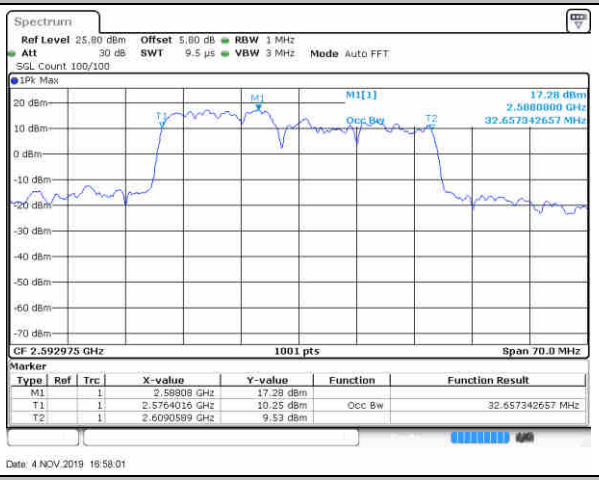
Lowest Channel / 15MHz+20MHz



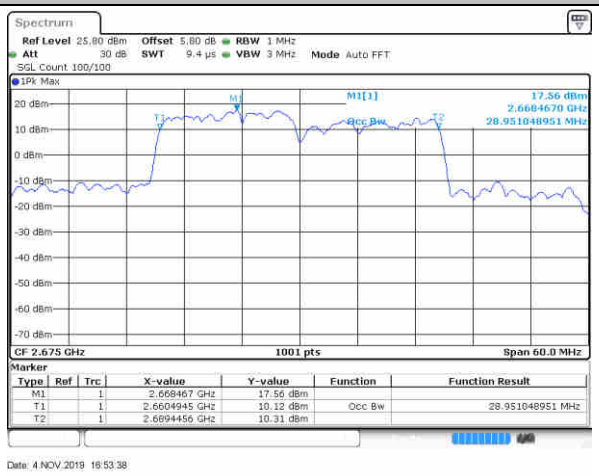
Middle Channel / 15MHz+15MHz



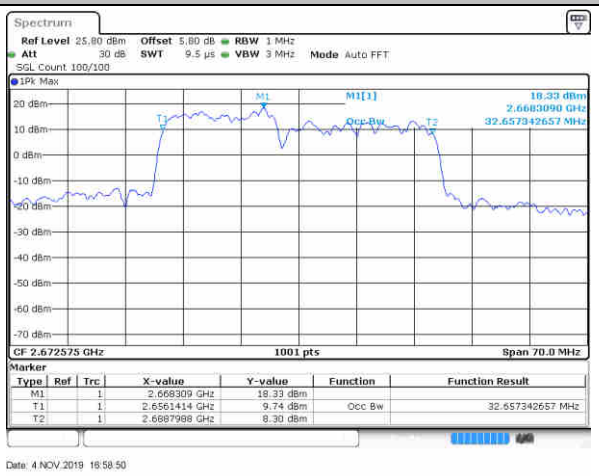
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



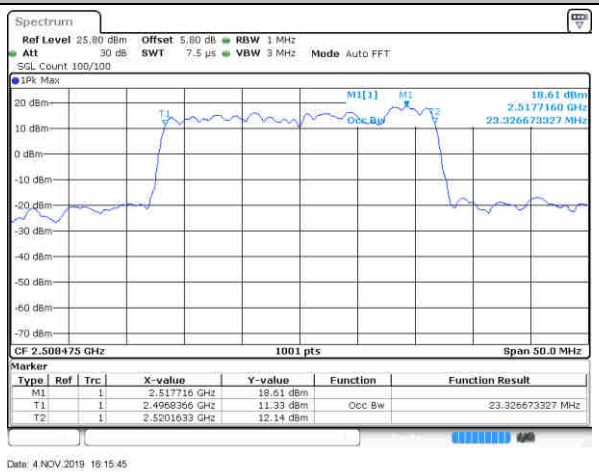
Highest Channel / 15MHz+20MHz



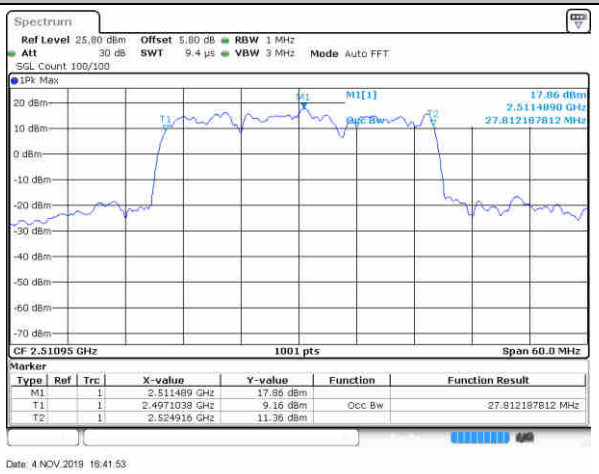
LTE Band 41

QPSK

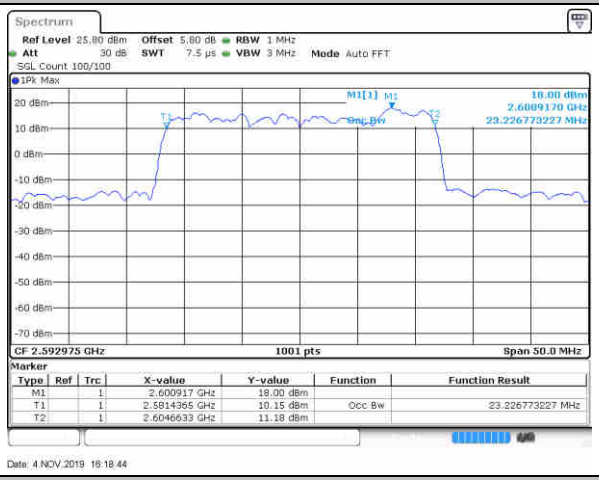
Lowest Channel / 20MHz+5MHz



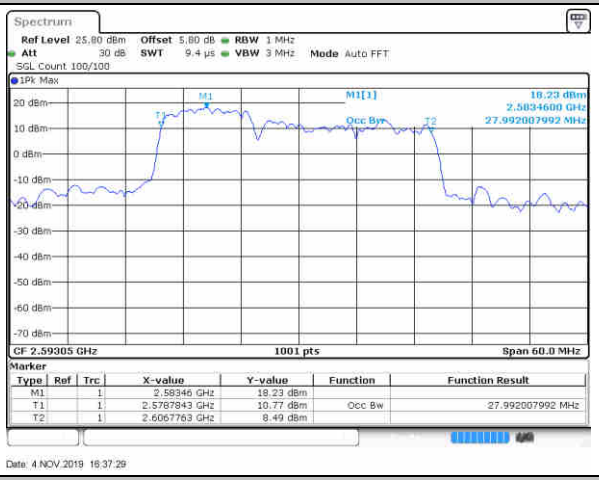
Lowest Channel / 20MHz+10MHz



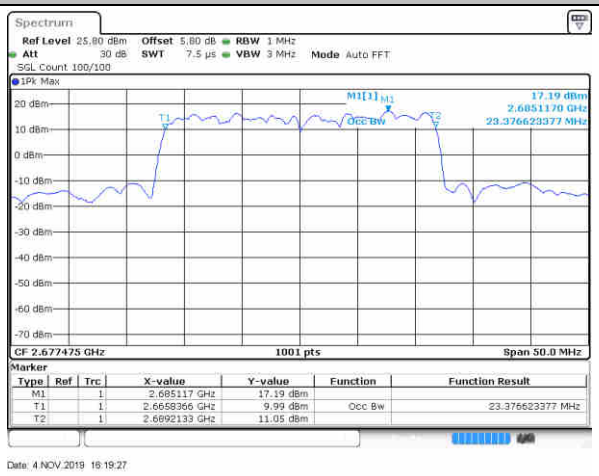
Middle Channel / 20MHz+5MHz



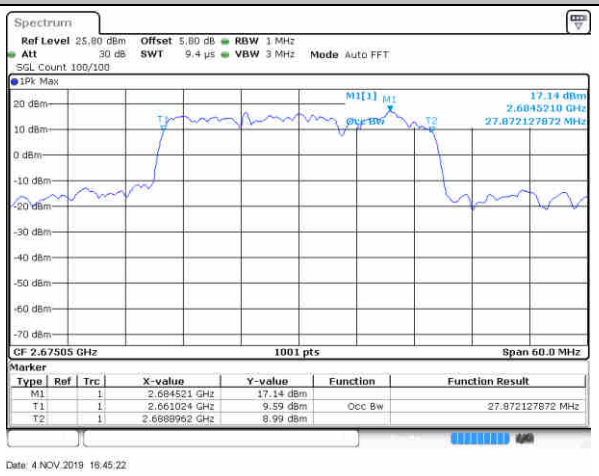
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



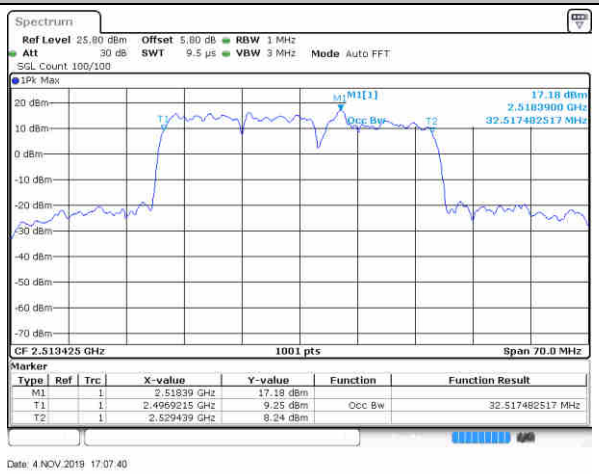
Highest Channel / 20MHz+10MHz



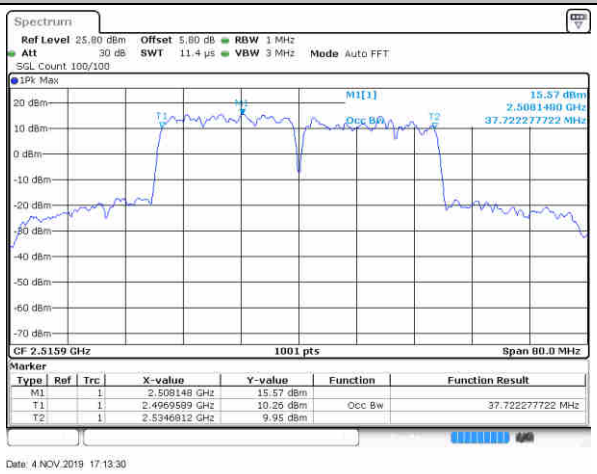
LTE Band 41

QPSK

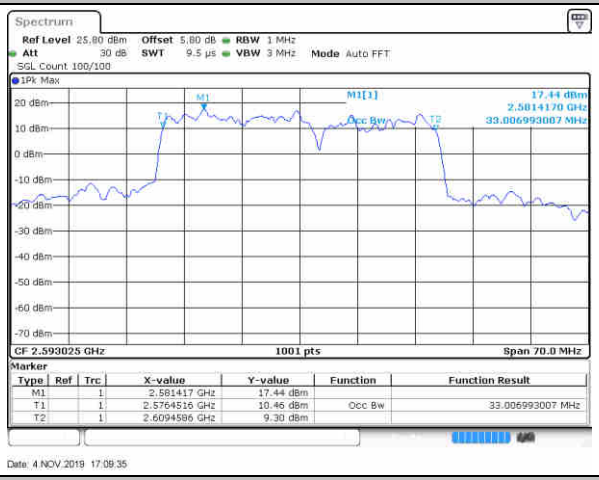
Lowest Channel / 20MHz+15MHz



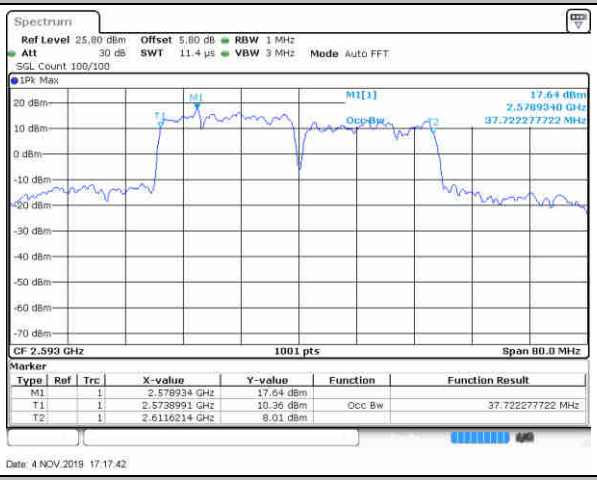
Lowest Channel / 20MHz+20MHz



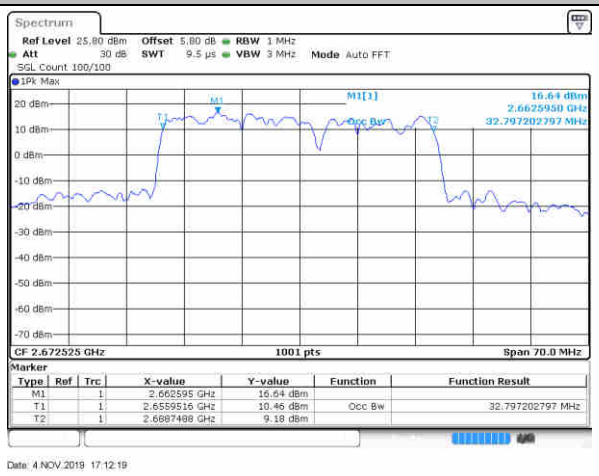
Middle Channel / 20MHz+15MHz



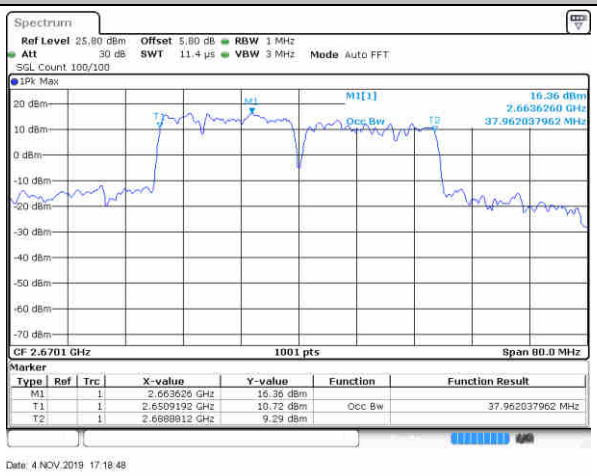
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



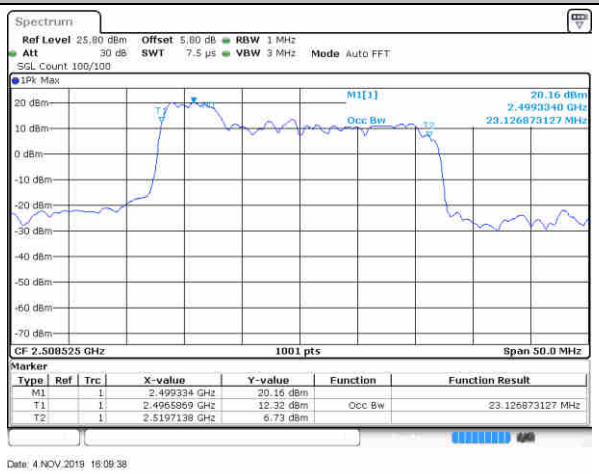
Highest Channel / 20MHz+20MHz



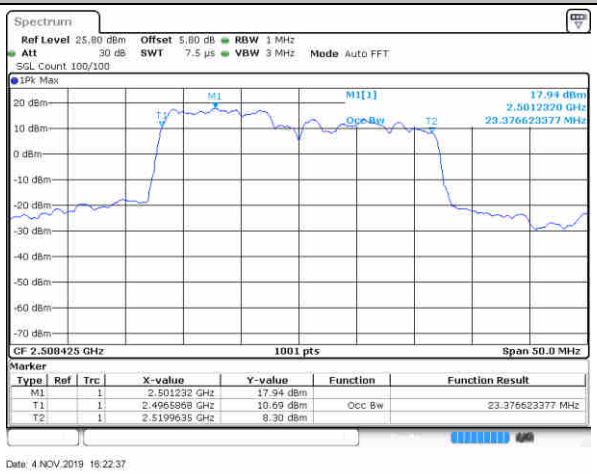
LTE Band 41

16QAM

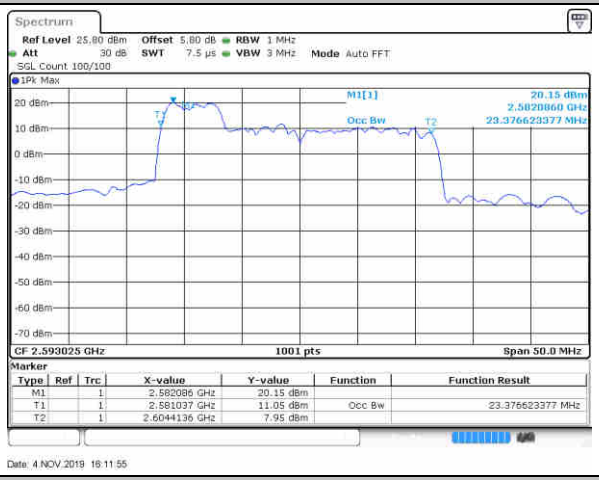
Lowest Channel / 5MHz+20MHz



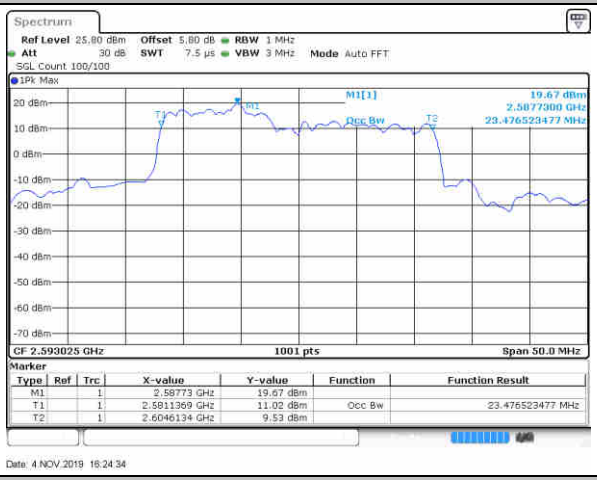
Lowest Channel / 10MHz+15MHz



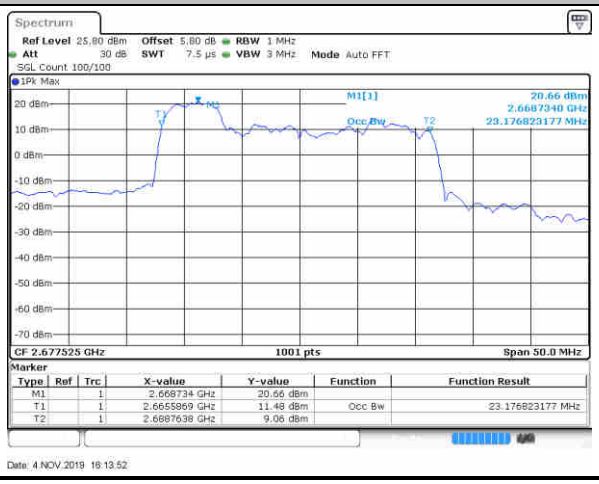
Middle Channel / 5MHz+20MHz



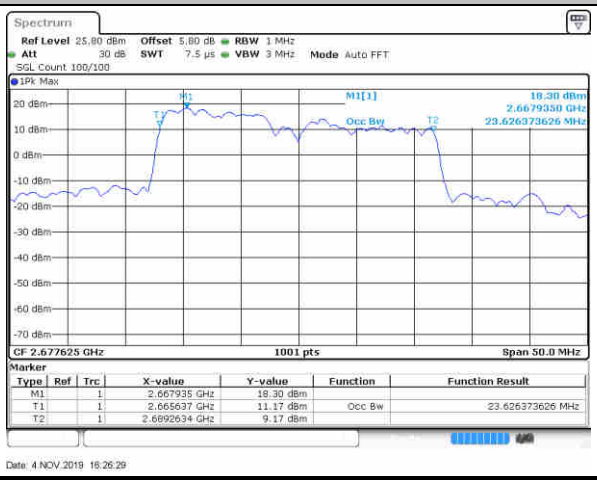
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



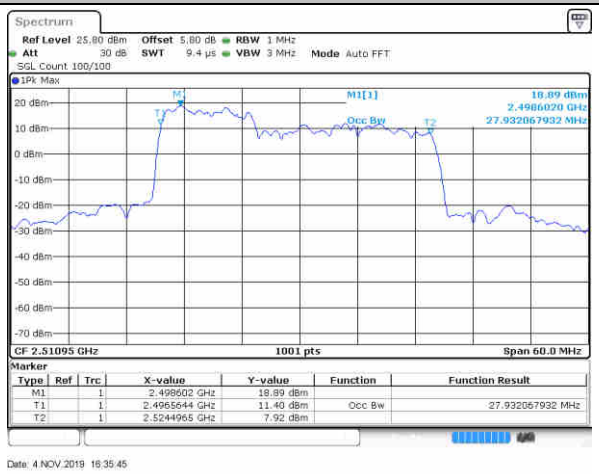
Highest Channel / 10MHz+15MHz



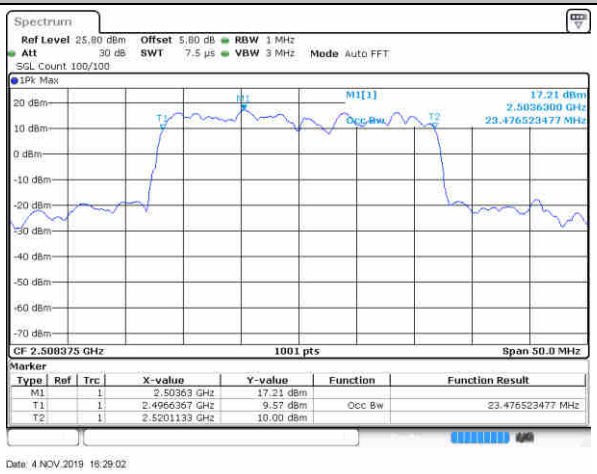
LTE Band 41

16QAM

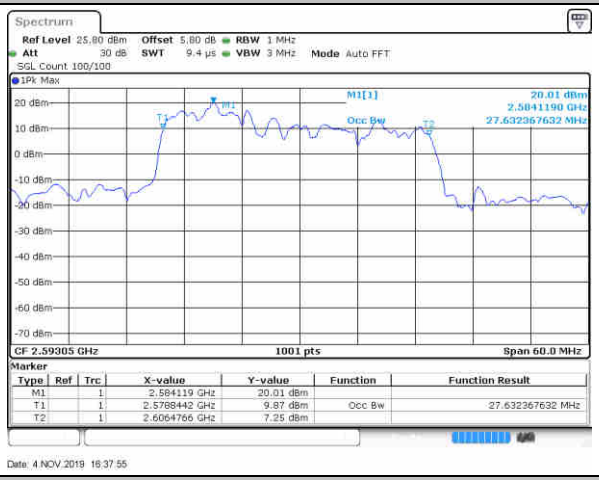
Lowest Channel / 10MHz+20MHz



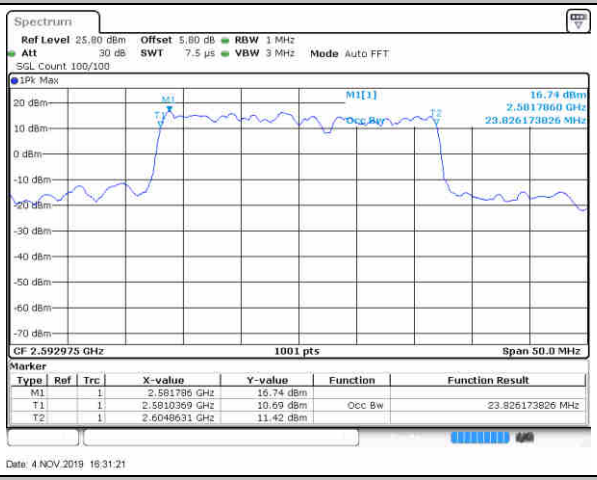
Lowest Channel / 15MHz+10MHz



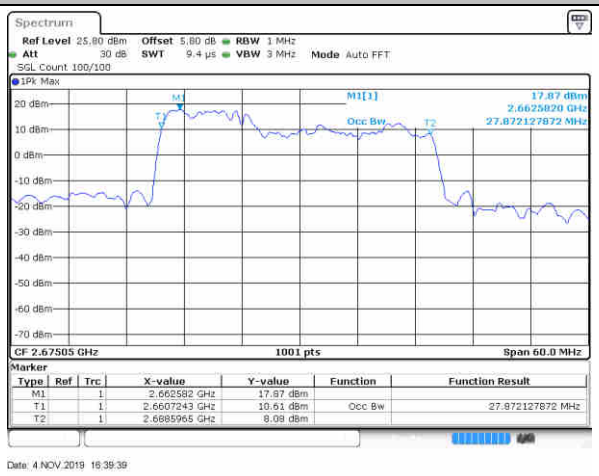
Middle Channel / 10MHz+20MHz



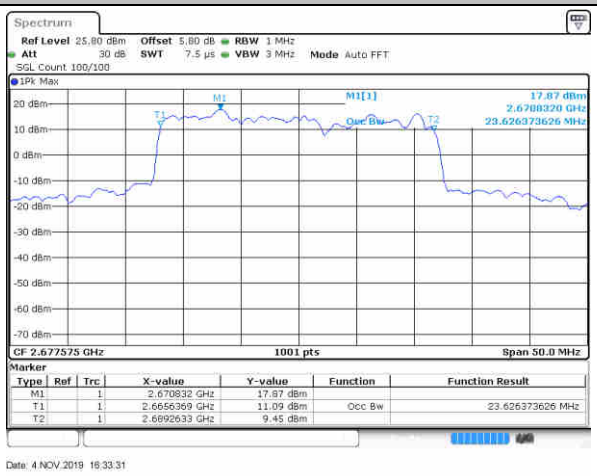
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



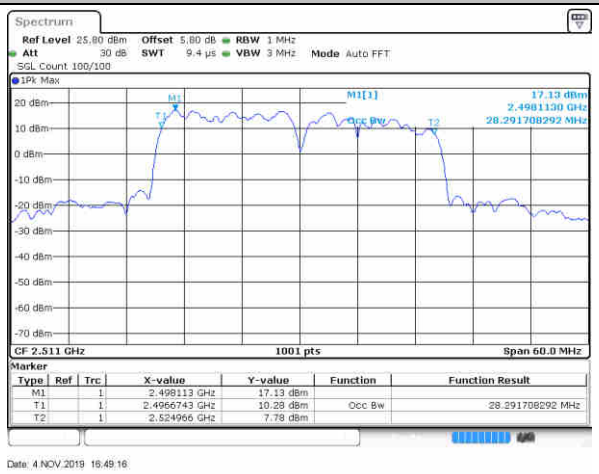
Highest Channel / 15MHz+10MHz



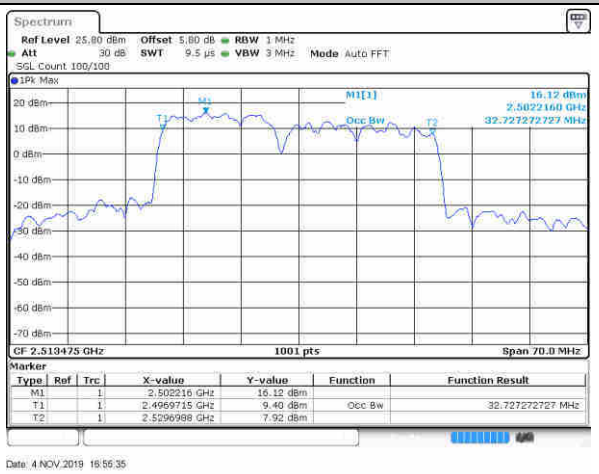
LTE Band 41

16QAM

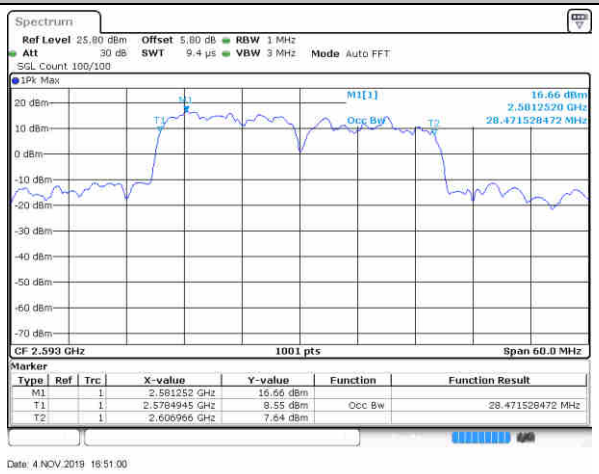
Lowest Channel / 15MHz+15MHz



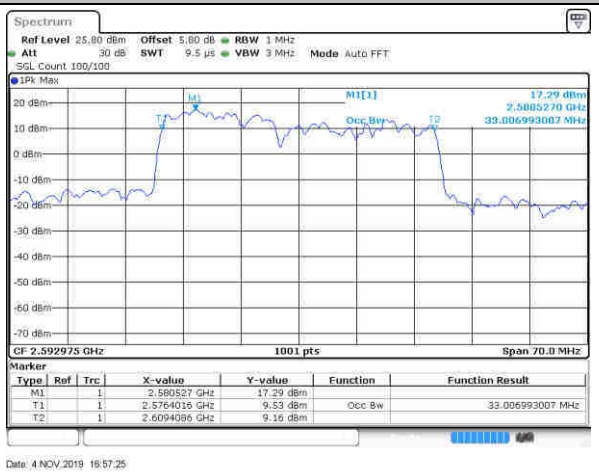
Lowest Channel / 15MHz+20MHz



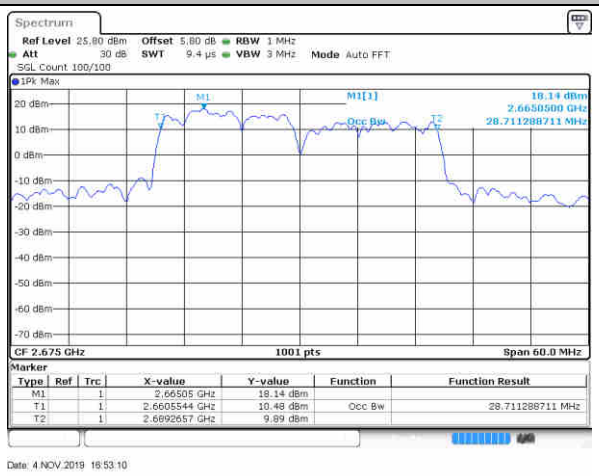
Middle Channel / 15MHz+15MHz



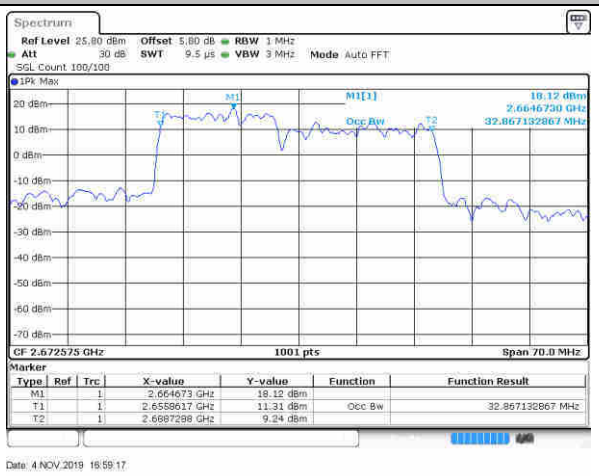
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



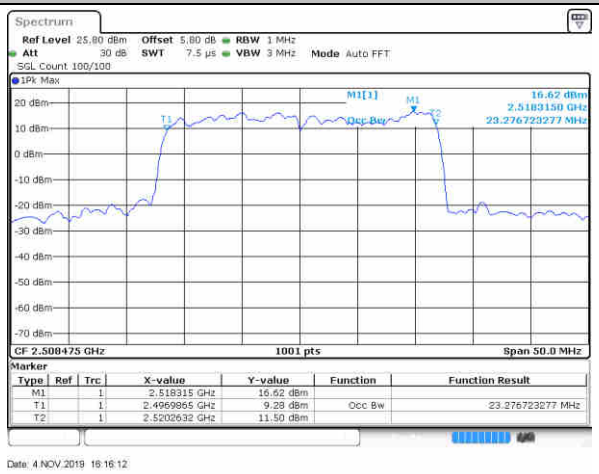
Highest Channel / 15MHz+20MHz



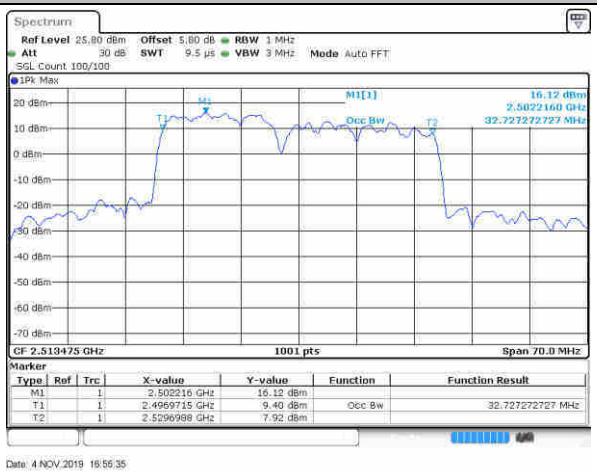
LTE Band 41

16QAM

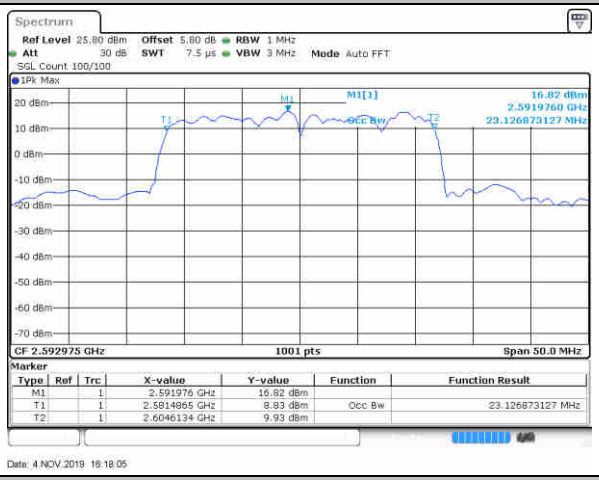
Lowest Channel / 20MHz+5MHz



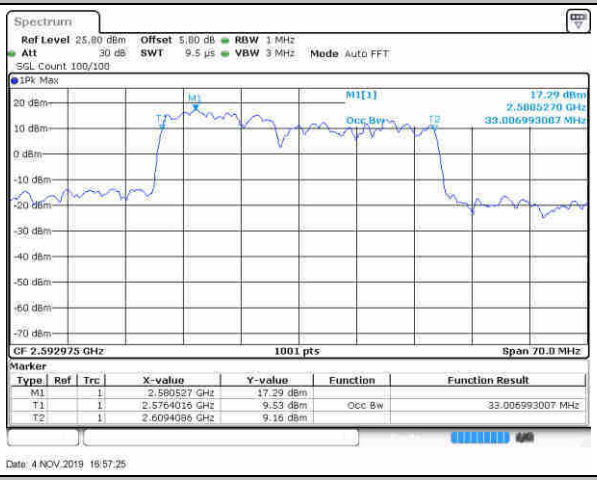
Lowest Channel / 20MHz+10MHz



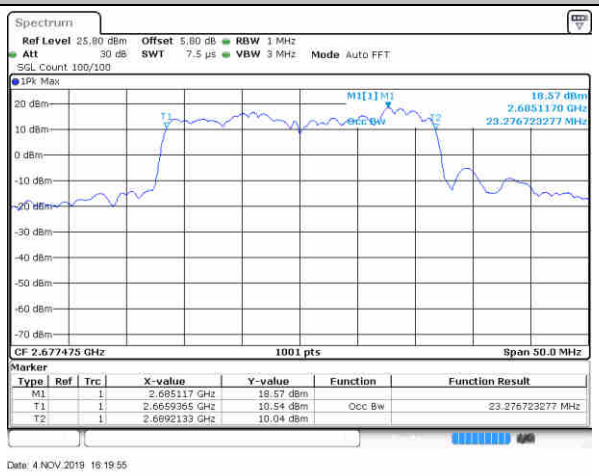
Middle Channel / 20MHz+5MHz



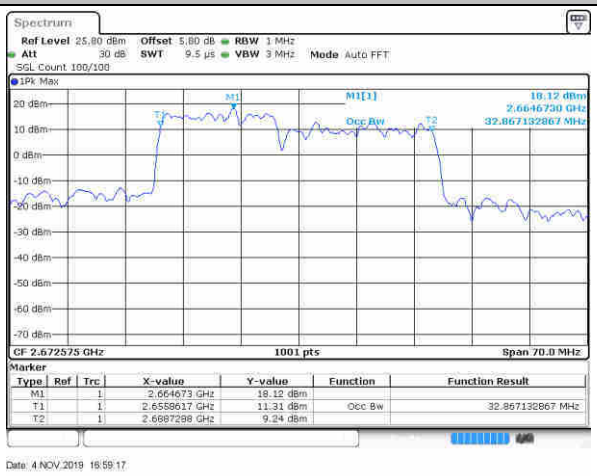
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



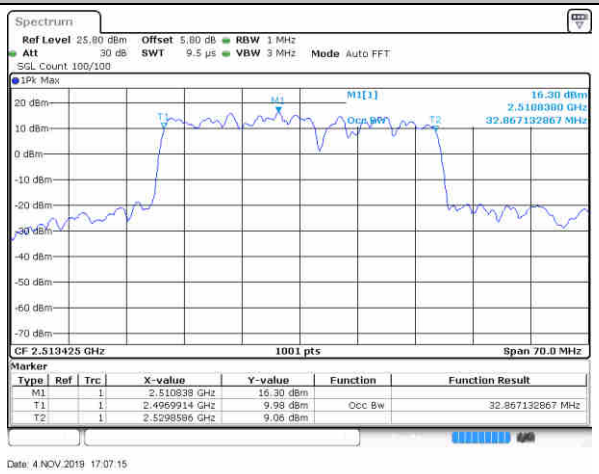
Highest Channel / 20MHz+10MHz



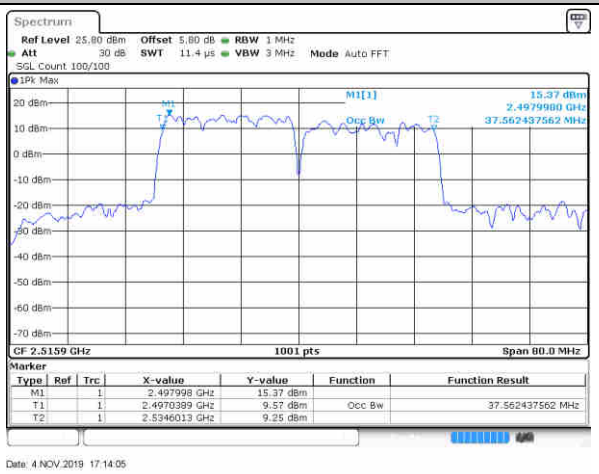
LTE Band 41

16QAM

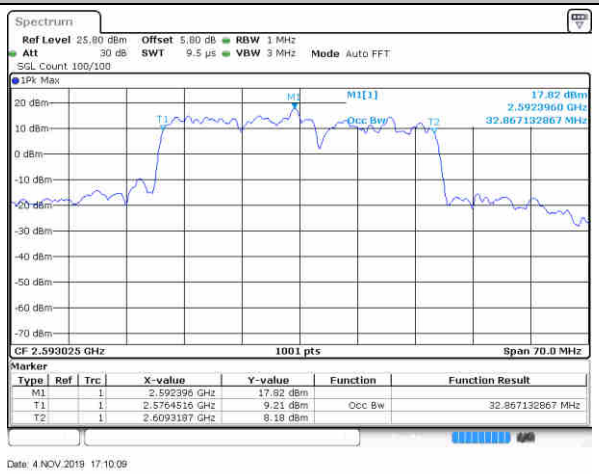
Lowest Channel / 20MHz+15MHz



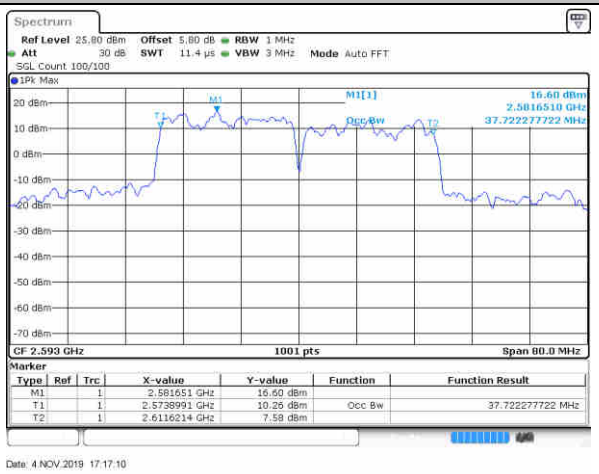
Lowest Channel / 20MHz+20MHz



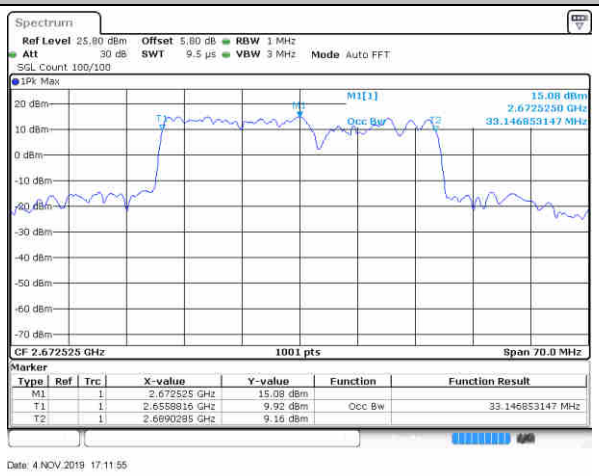
Middle Channel / 20MHz+15MHz



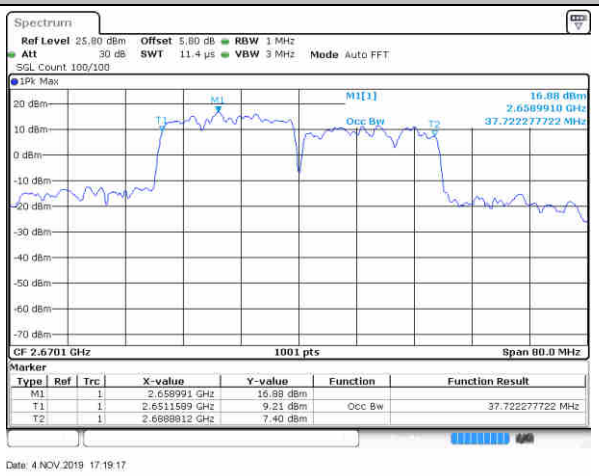
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



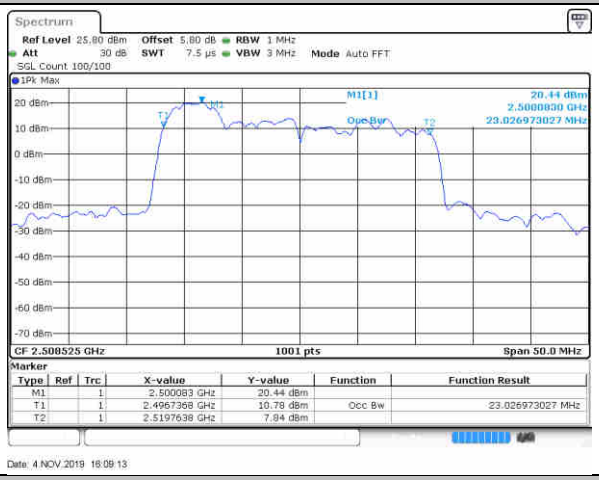
Highest Channel / 20MHz+20MHz



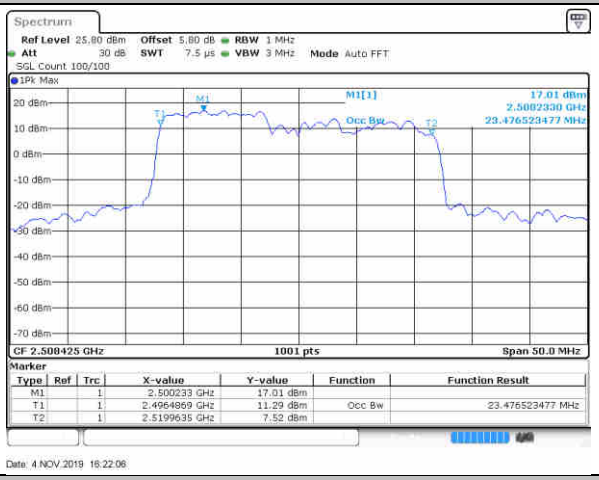
LTE Band 41

64QAM

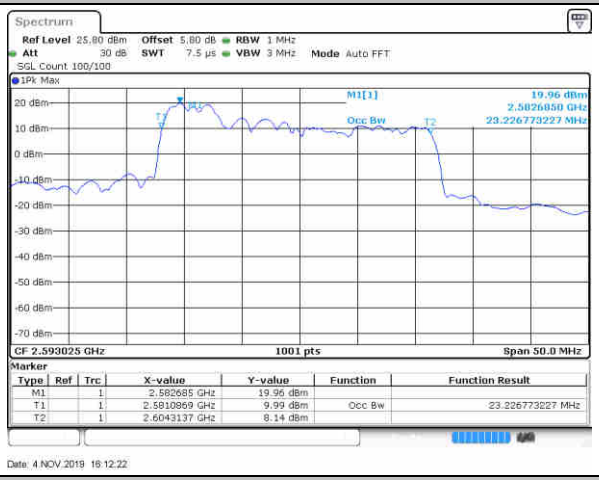
Lowest Channel / 5MHz+20MHz



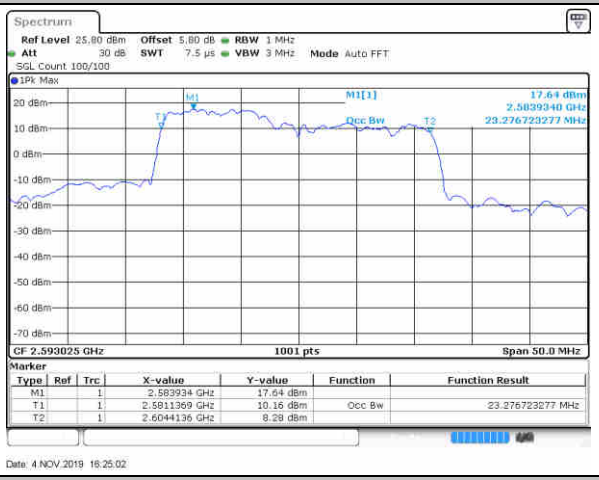
Lowest Channel / 10MHz+15MHz



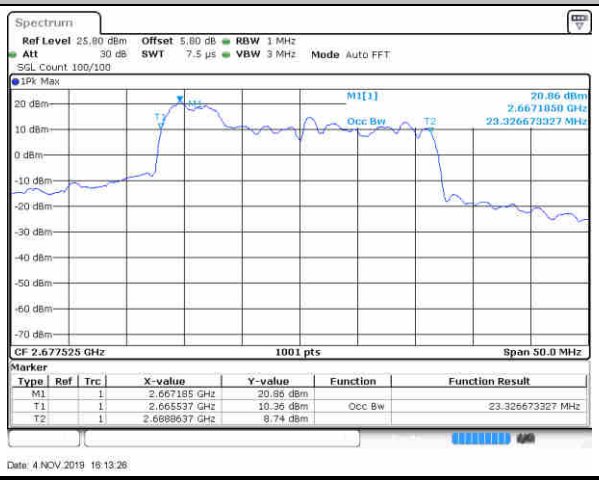
Middle Channel / 5MHz+20MHz



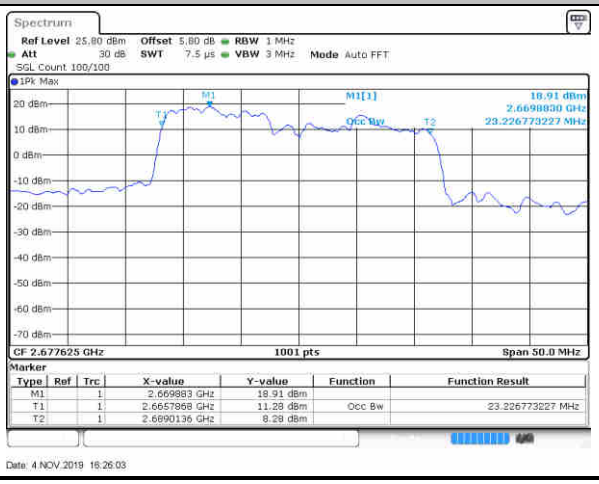
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



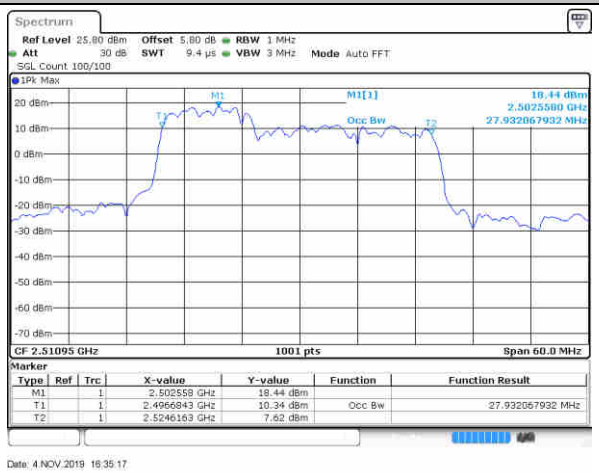
Highest Channel / 10MHz+15MHz



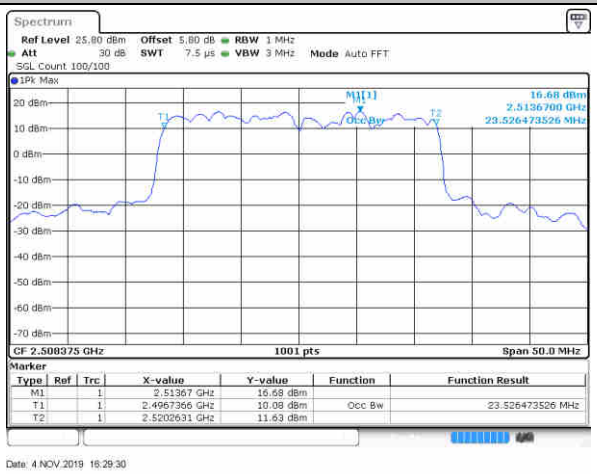
LTE Band 41

64QAM

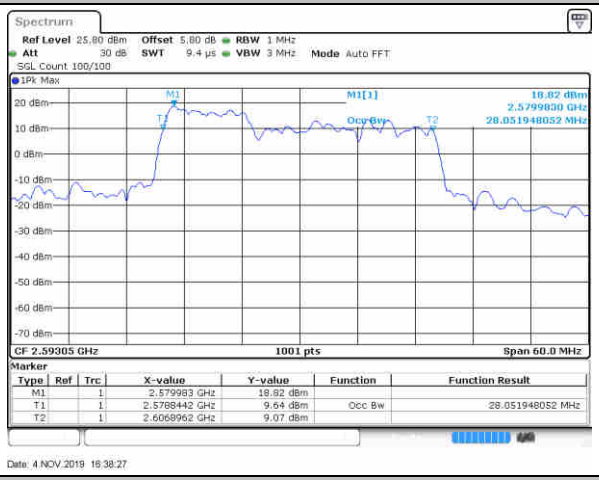
Lowest Channel / 10MHz+20MHz



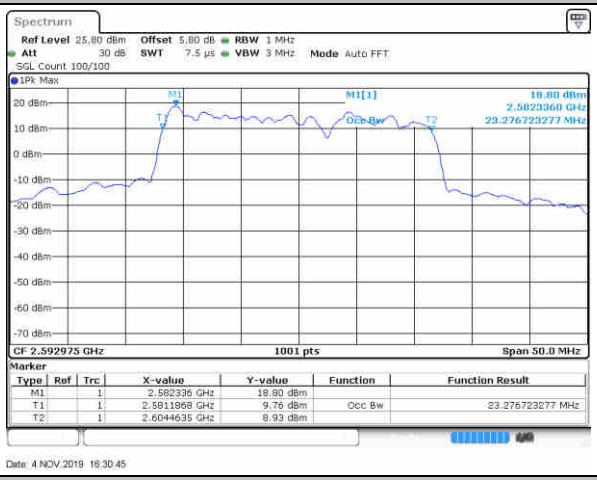
Lowest Channel / 15MHz+10MHz



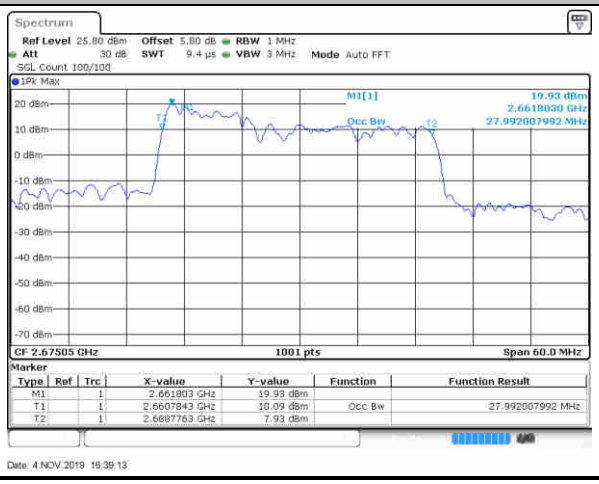
Middle Channel / 10MHz+20MHz



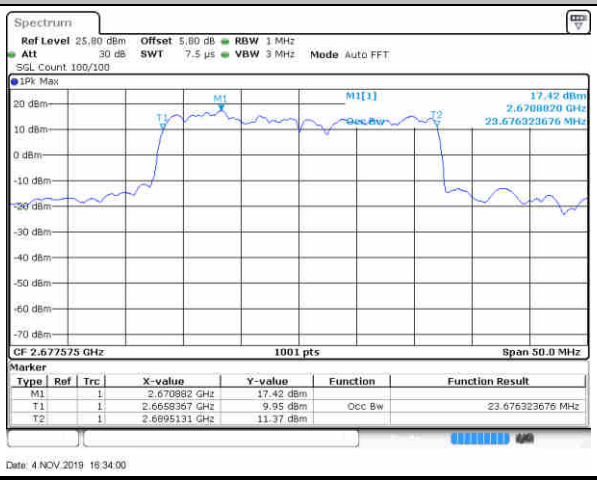
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



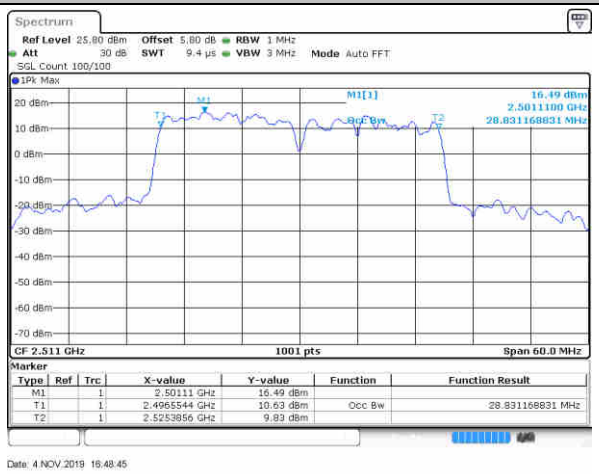
Highest Channel / 15MHz+10MHz



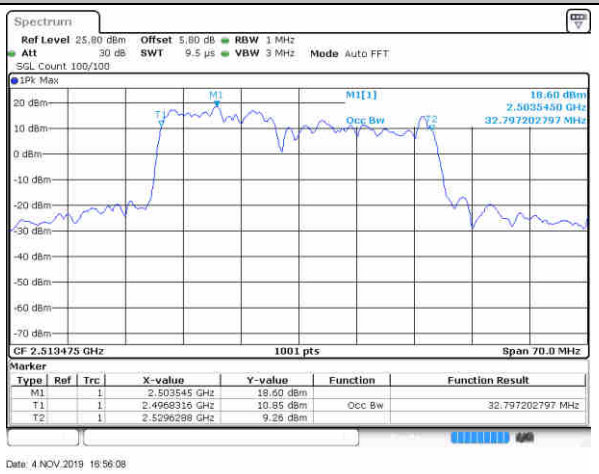
LTE Band 41

64QAM

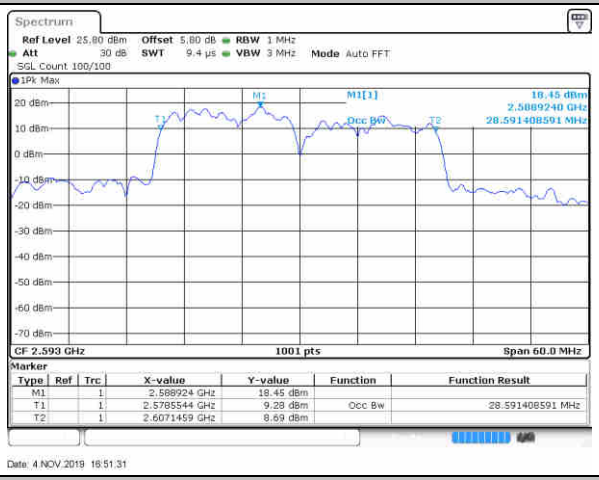
Lowest Channel / 15MHz+15MHz



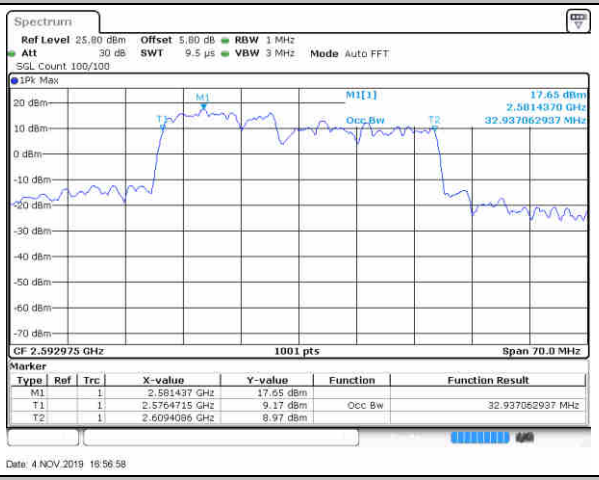
Lowest Channel / 15MHz+20MHz



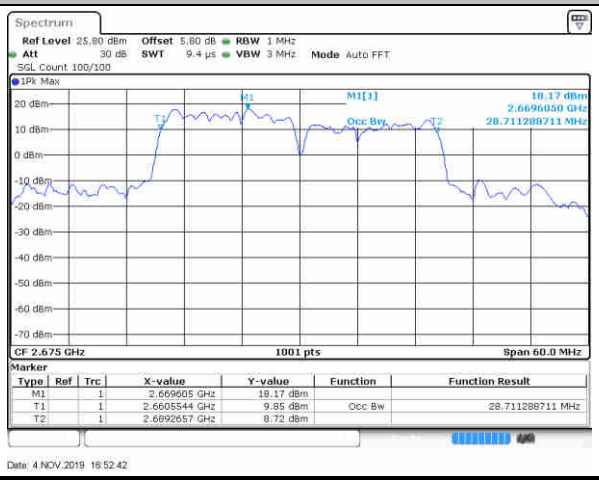
Middle Channel / 15MHz+15MHz



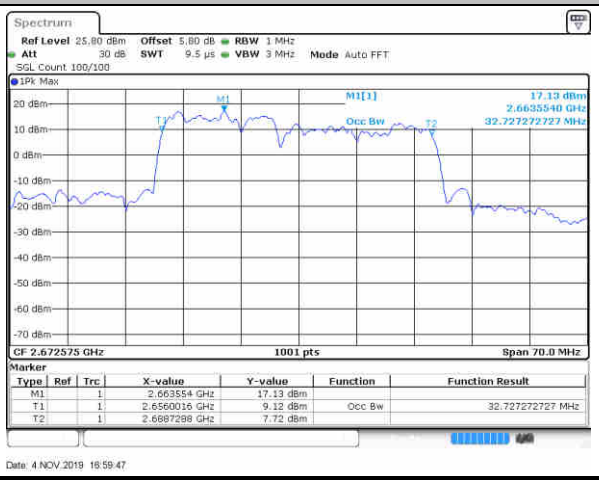
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



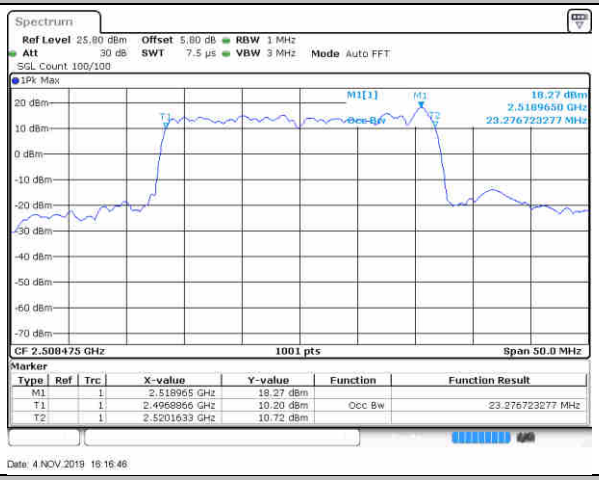
Highest Channel / 15MHz+20MHz



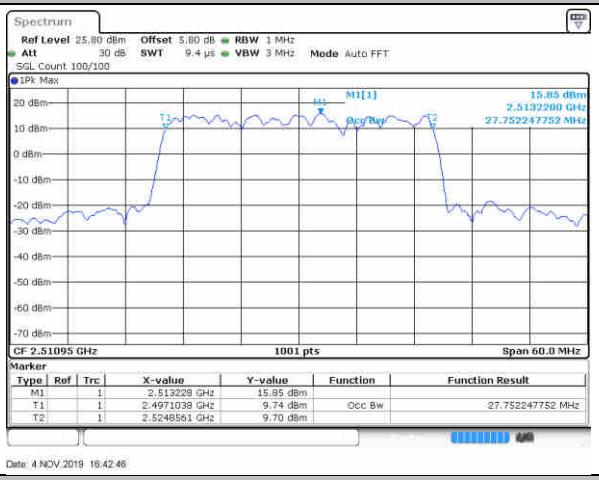
LTE Band 41

64QAM

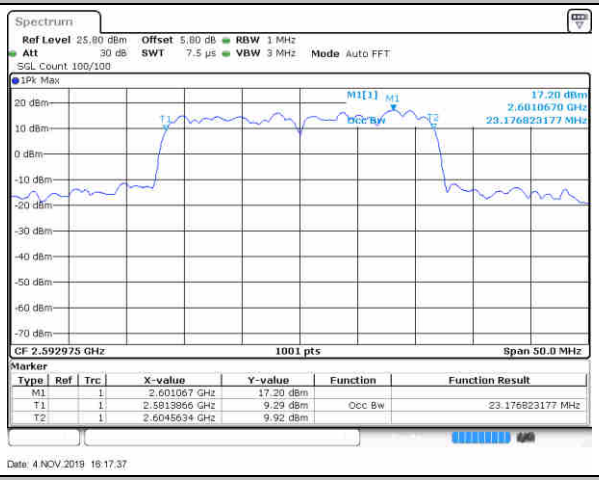
Lowest Channel / 20MHz+5MHz



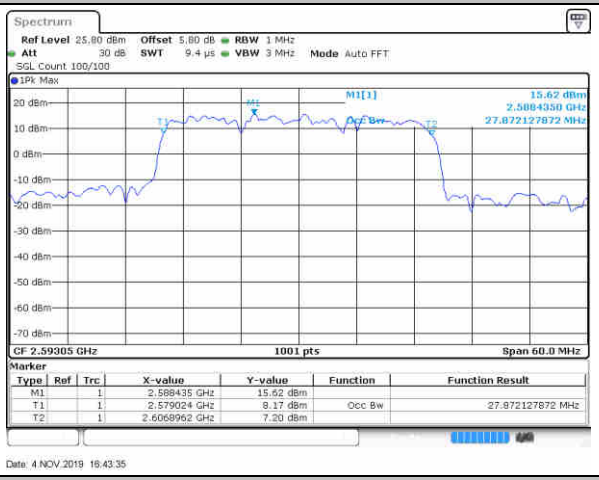
Lowest Channel / 20MHz+10MHz



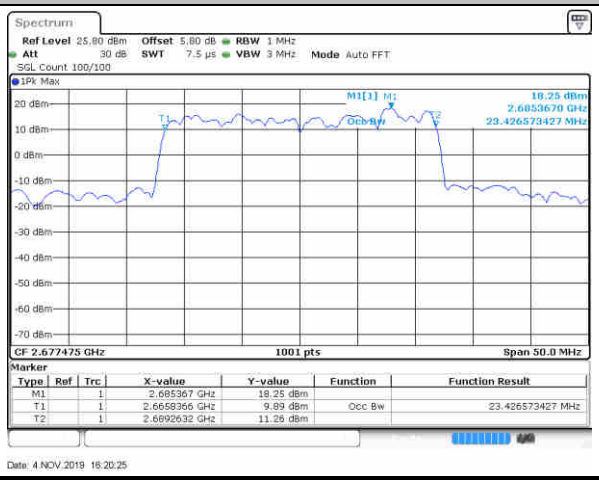
Middle Channel / 20MHz+5MHz



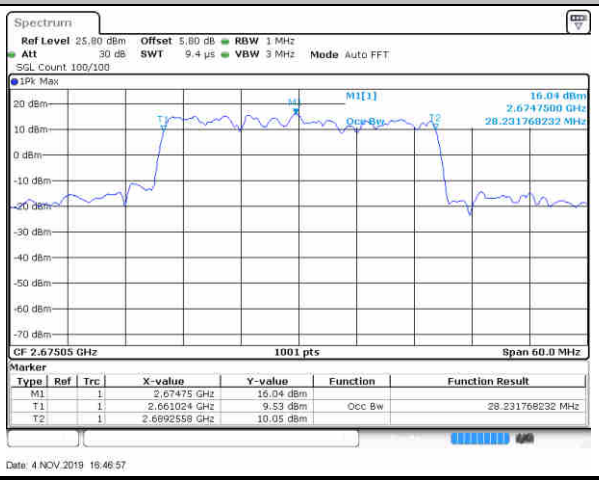
Middle Channel / 20MHz+10MHz



Highest Channel / 20MHz+5MHz



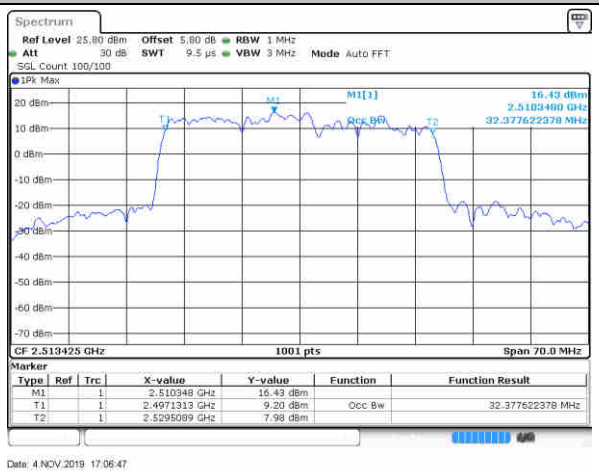
Highest Channel / 20MHz+10MHz



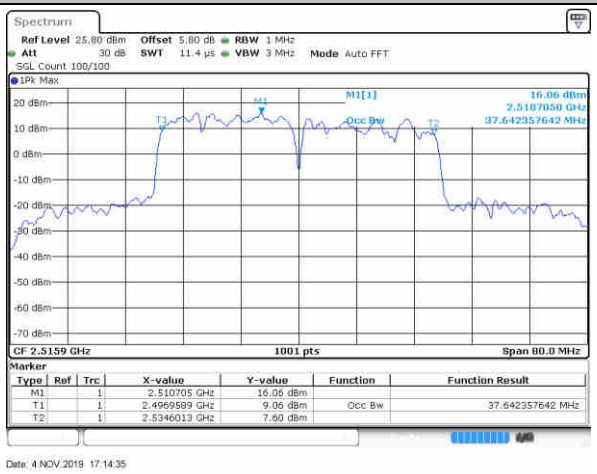
LTE Band 41

64QAM

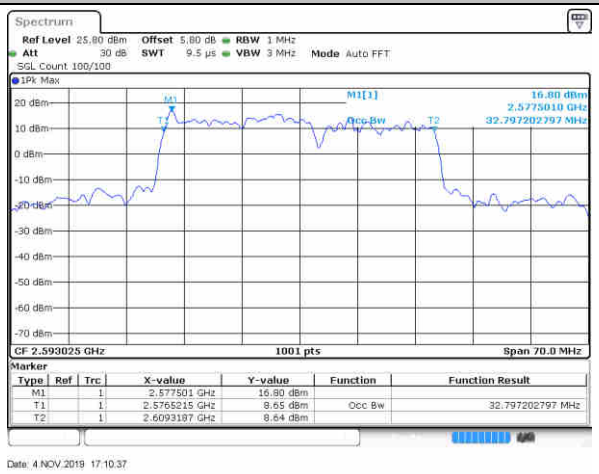
Lowest Channel / 20MHz+15MHz



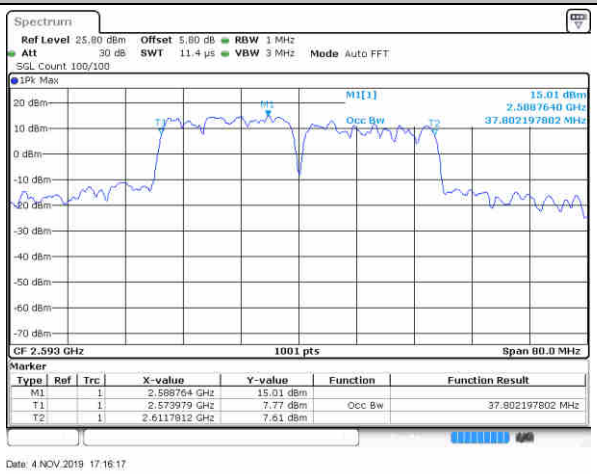
Lowest Channel / 20MHz+20MHz



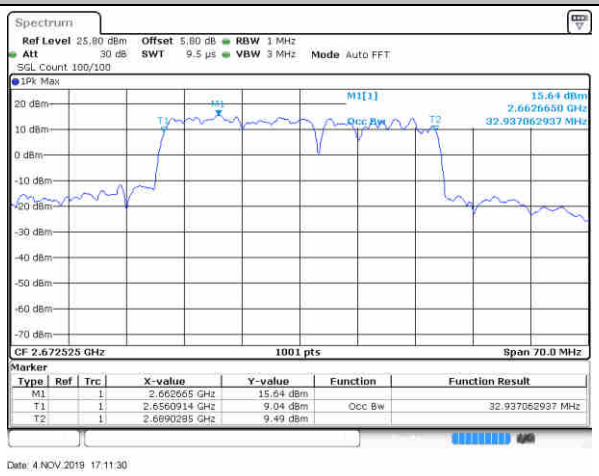
Middle Channel / 20MHz+15MHz



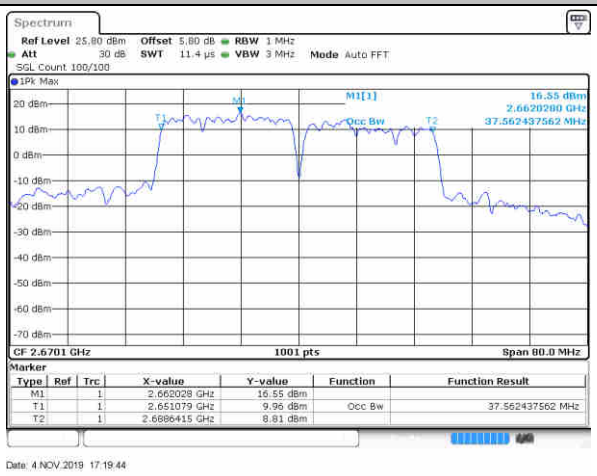
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz

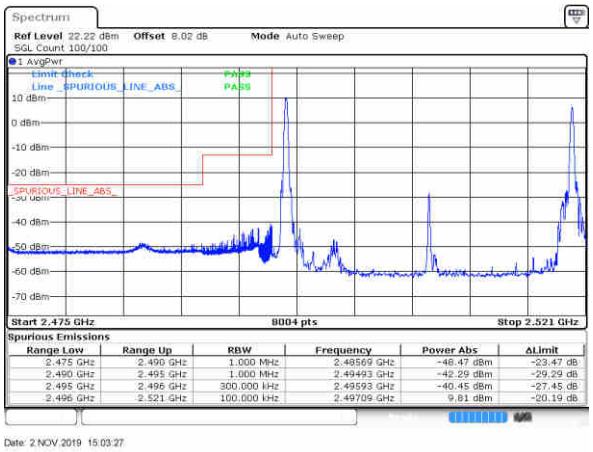


Conducted Band Edge

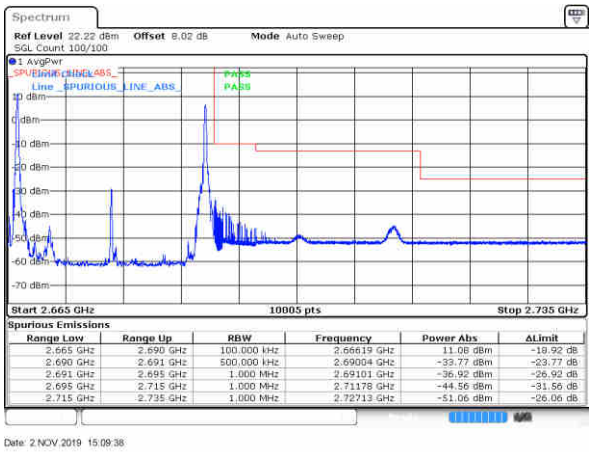
LTE Band 41 / 5MHz+20MHz

QPSK

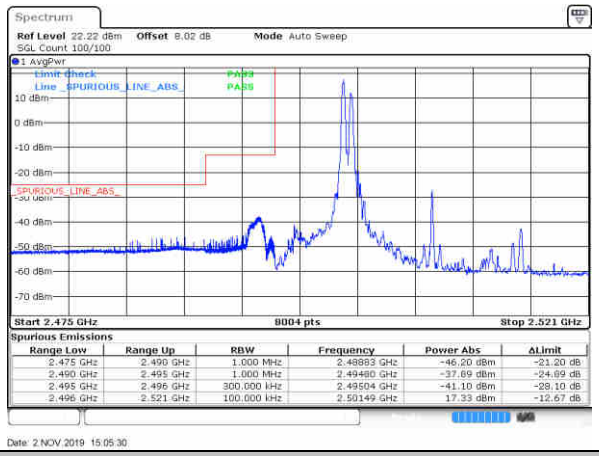
Lowest Band Edge / 1RB0 and 1RB99



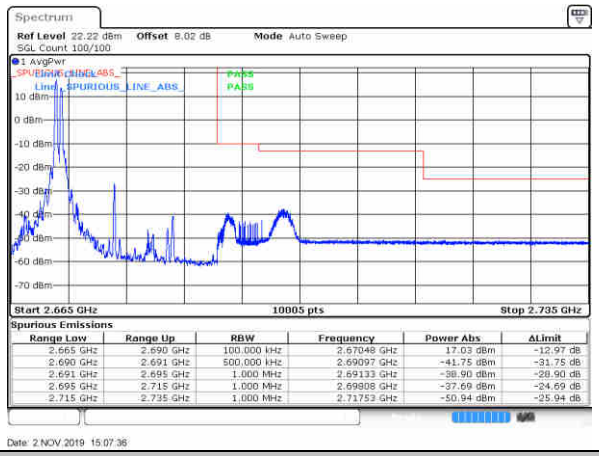
Highest Band Edge / 1RB0 and 1RB99



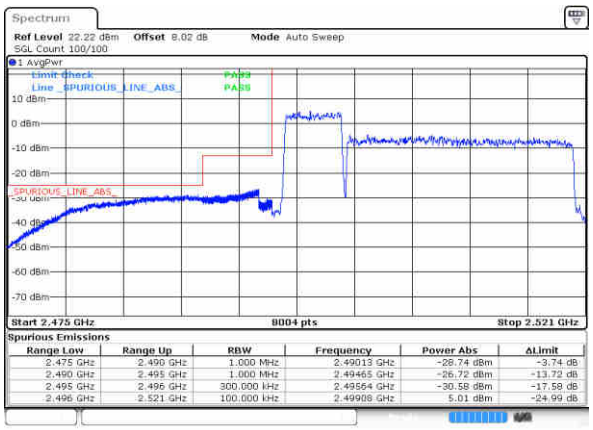
Lowest Band Edge / 1RB24 and 1RB0



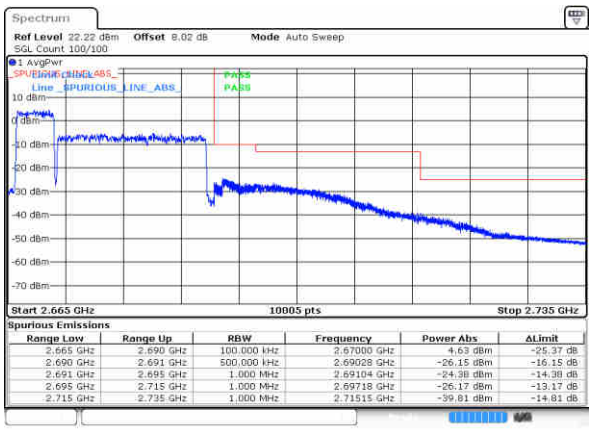
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



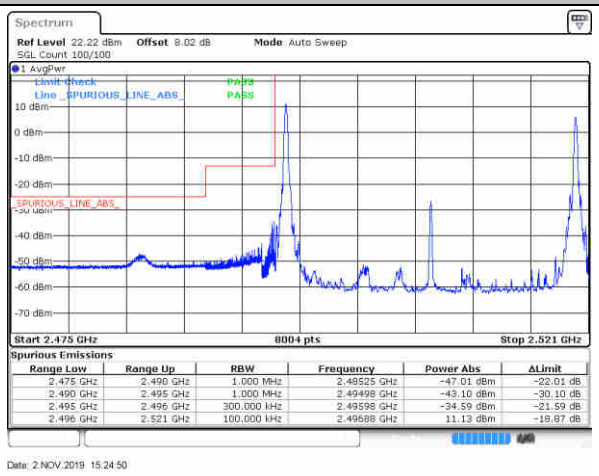
Highest Band Edge / Full RB



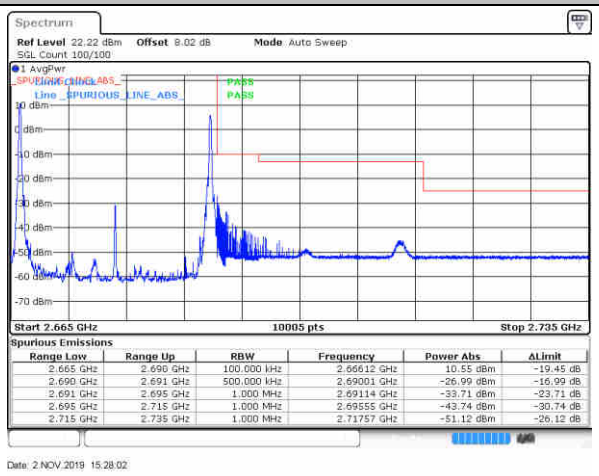
LTE Band 41 / 10MHz+15MHz

QPSK

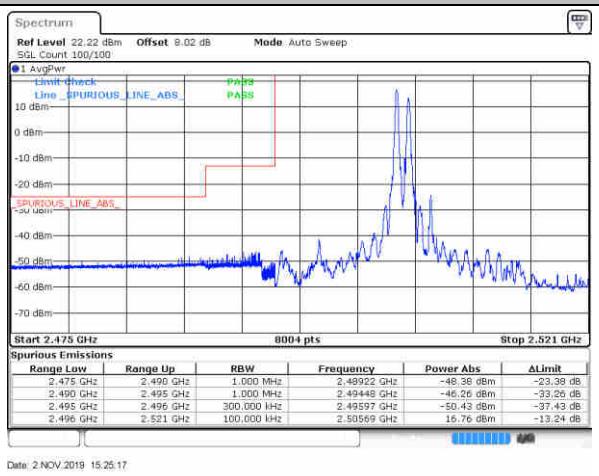
Lowest Band Edge / 1RB0 and 1RB74



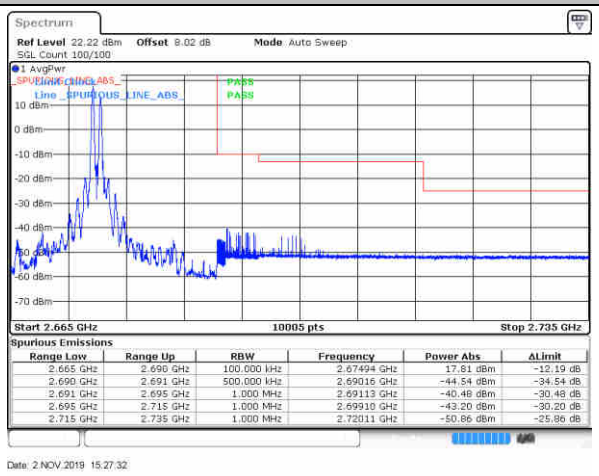
Highest Band Edge / 1RB0 and 1RB74



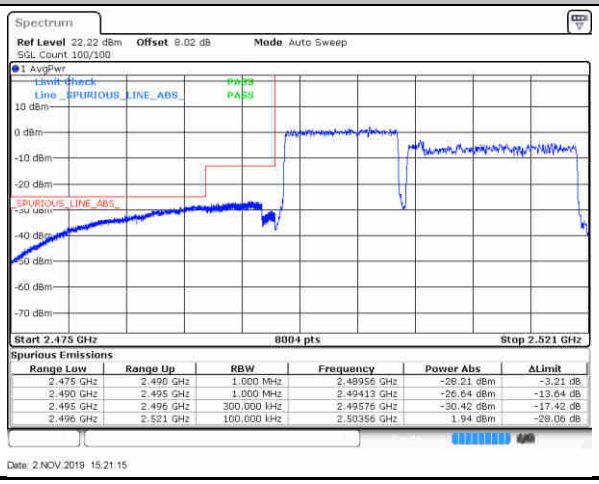
Lowest Band Edge / 1RB49 and 1RB0



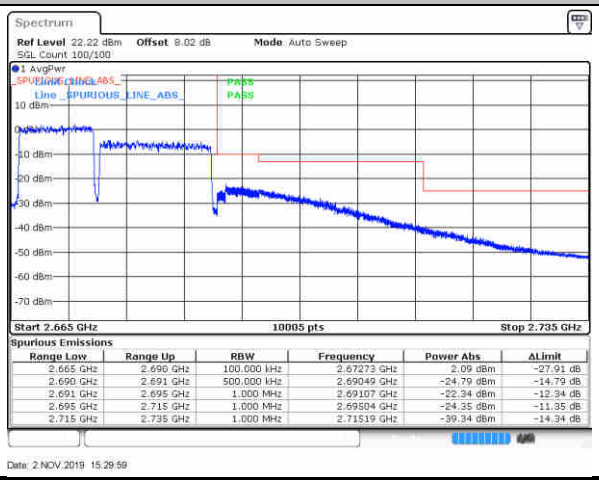
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



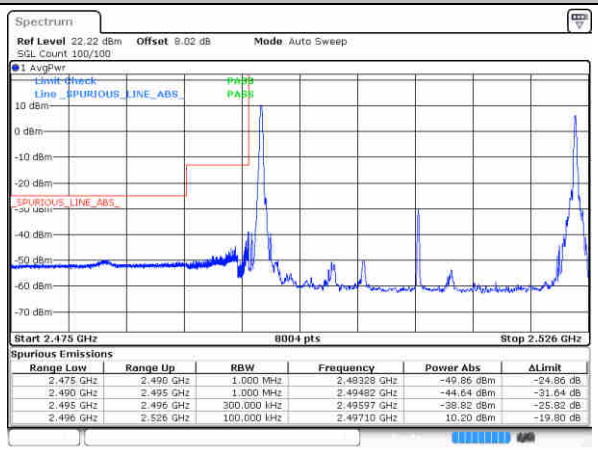
Highest Band Edge / Full RB



LTE Band 41 / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48328 GHz	-49.86 dBm	-24.86 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49482 GHz	-44.64 dBm	-31.64 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49597 GHz	-38.82 dBm	-25.82 dB
2.496 GHz	2.526 GHz	100.000 kHz	2.49710 GHz	10.20 dBm	-19.80 dB

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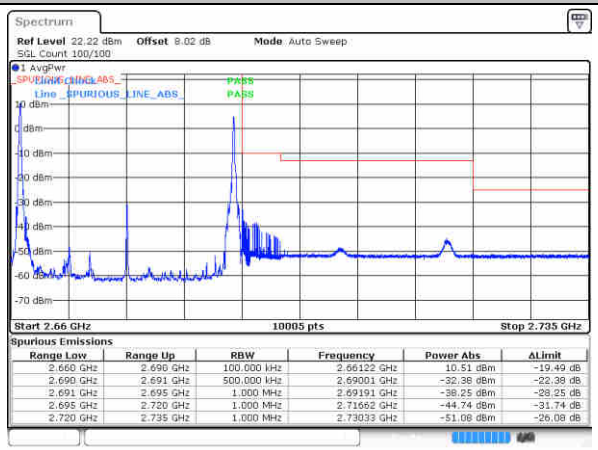
Highest Band Edge / 1RB0 and 1RB99



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.660 GHz	2.690 GHz	100.000 kHz	2.66122 GHz	10.51 dBm	-19.49 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69001 GHz	-32.38 dBm	-22.38 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69191 GHz	-38.25 dBm	-28.25 dB
2.695 GHz	2.720 GHz	1.000 MHz	2.71662 GHz	-44.74 dBm	-31.74 dB
2.720 GHz	2.735 GHz	1.000 MHz	2.73033 GHz	-51.08 dBm	-26.08 dB

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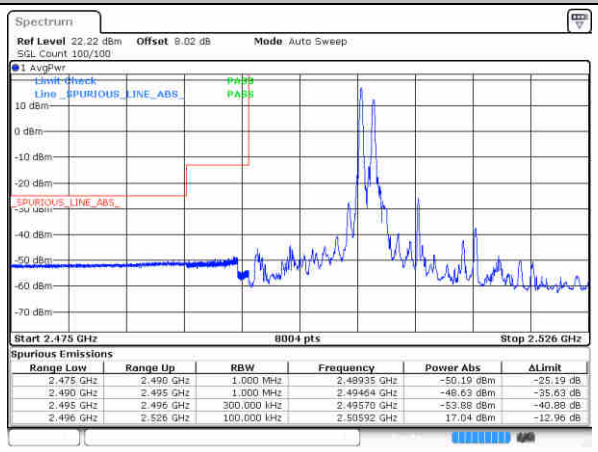
Lowest Band Edge / 1RB49 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48935 GHz	-50.19 dBm	-25.19 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49464 GHz	-48.63 dBm	-35.63 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49570 GHz	-53.88 dBm	-40.88 dB
2.496 GHz	2.526 GHz	100.000 kHz	2.50592 GHz	17.04 dBm	-12.96 dB

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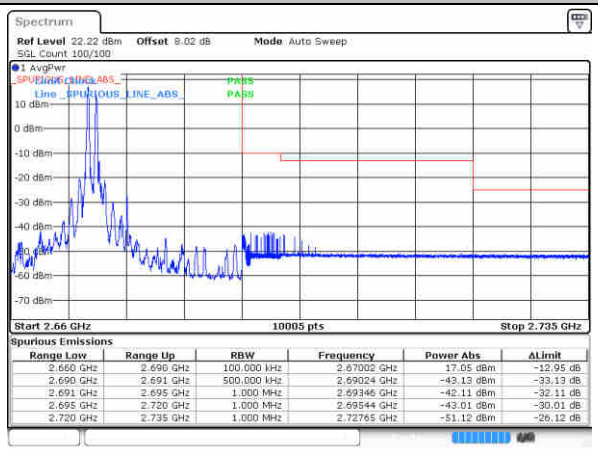
Highest Band Edge / 1RB49 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.660 GHz	2.690 GHz	100.000 kHz	2.67002 GHz	17.05 dBm	-12.95 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69024 GHz	-43.13 dBm	-33.13 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69346 GHz	-42.11 dBm	-32.11 dB
2.695 GHz	2.720 GHz	1.000 MHz	2.69544 GHz	-43.01 dBm	-30.01 dB
2.720 GHz	2.735 GHz	1.000 MHz	2.72765 GHz	-51.12 dBm	-26.12 dB

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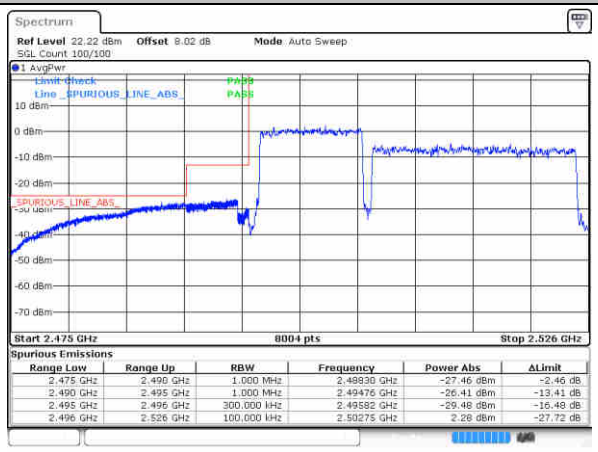
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48830 GHz	-27.46 dBm	-2.46 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49476 GHz	-26.41 dBm	-13.41 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49582 GHz	-29.48 dBm	-16.48 dB
2.496 GHz	2.526 GHz	100.000 kHz	2.50275 GHz	2.28 dBm	-27.72 dB

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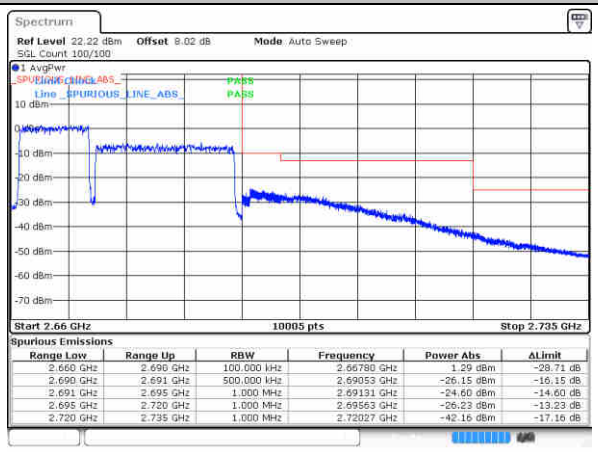
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.660 GHz	2.690 GHz	100.000 kHz	2.66780 GHz	1.29 dBm	-28.71 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69053 GHz	-26.15 dBm	-16.15 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69131 GHz	-24.60 dBm	-14.60 dB
2.695 GHz	2.720 GHz	1.000 MHz	2.69563 GHz	-26.23 dBm	-13.23 dB
2.720 GHz	2.735 GHz	1.000 MHz	2.72027 GHz	-42.16 dBm	-17.16 dB

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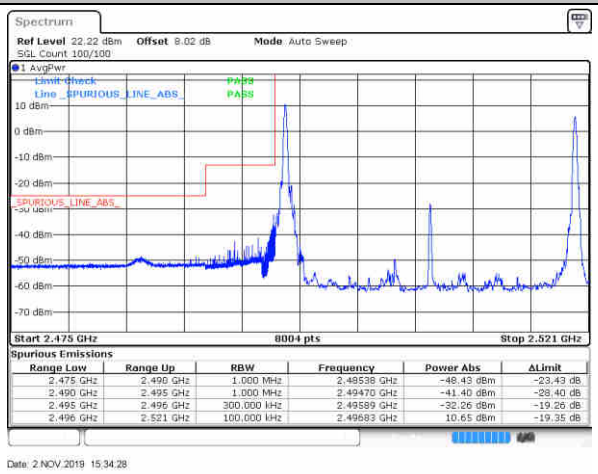
LTE Band 41 / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48538 GHz	-48.43 dBm	-23.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49470 GHz	-41.40 dBm	-28.40 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49589 GHz	-32.26 dBm	-19.26 dB
2.496 GHz	2.521 GHz	100.000 kHz	2.49683 GHz	10.65 dBm	-19.35 dB

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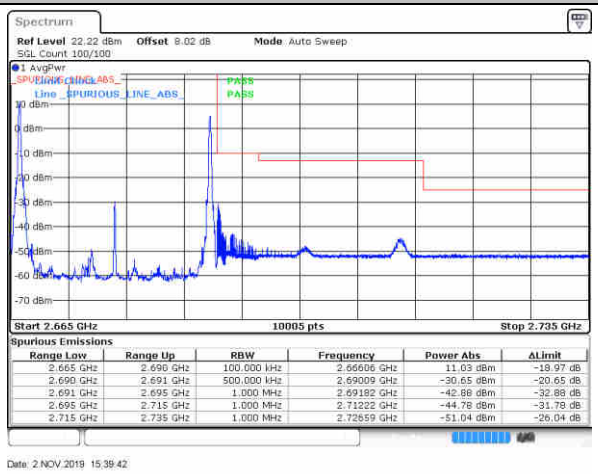
Highest Band Edge / 1RB0 and 1RB49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.665 GHz	2.690 GHz	100.000 kHz	2.66606 GHz	11.03 dBm	-18.97 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69009 GHz	-30.65 dBm	-20.65 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69182 GHz	-42.88 dBm	-32.88 dB
2.695 GHz	2.715 GHz	1.000 MHz	2.71222 GHz	-44.78 dBm	-31.78 dB
2.715 GHz	2.735 GHz	1.000 MHz	2.72659 GHz	-51.04 dBm	-26.04 dB

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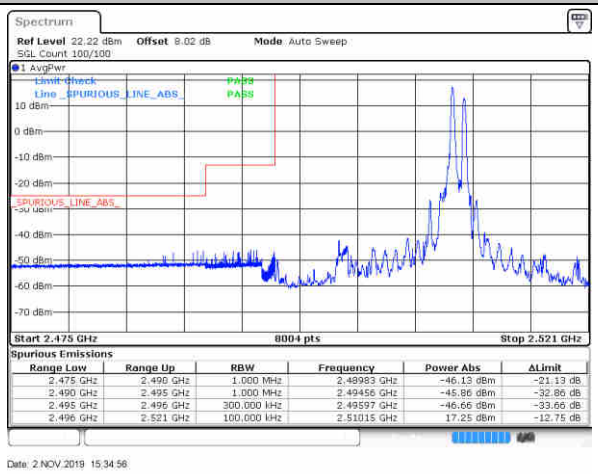
Lowest Band Edge / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48983 GHz	-46.13 dBm	-21.13 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49456 GHz	-45.86 dBm	-32.86 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49597 GHz	-46.66 dBm	-33.66 dB
2.496 GHz	2.521 GHz	100.000 kHz	2.51015 GHz	17.25 dBm	-12.75 dB

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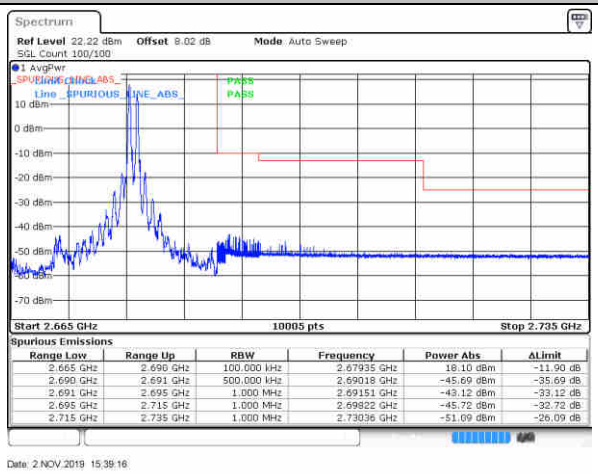
Highest Band Edge / 1RB74 and 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.665 GHz	2.690 GHz	100.000 kHz	2.67935 GHz	18.10 dBm	-11.90 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69018 GHz	-45.69 dBm	-35.69 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69151 GHz	-43.12 dBm	-33.12 dB
2.695 GHz	2.715 GHz	1.000 MHz	2.69822 GHz	-45.72 dBm	-32.72 dB
2.715 GHz	2.735 GHz	1.000 MHz	2.73036 GHz	-51.09 dBm	-26.09 dB

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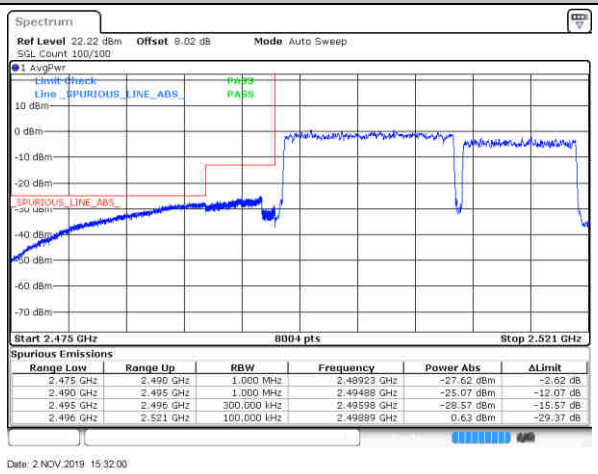
Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.48923 GHz	-27.62 dBm	-2.62 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49488 GHz	-25.07 dBm	-12.07 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49598 GHz	-28.57 dBm	-15.57 dB
2.496 GHz	2.521 GHz	100.000 kHz	2.49889 GHz	0.63 dBm	-29.37 dB

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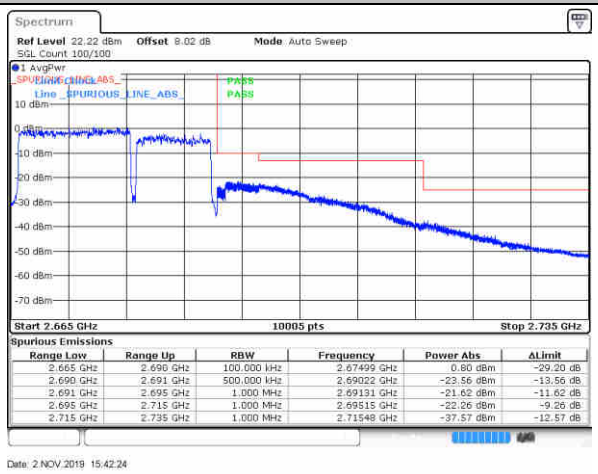
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.665 GHz	2.690 GHz	100.000 kHz	2.67499 GHz	0.80 dBm	-29.20 dB
2.690 GHz	2.691 GHz	500.000 kHz	2.69022 GHz	-23.56 dBm	-13.56 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69131 GHz	-21.62 dBm	-11.62 dB
2.695 GHz	2.715 GHz	1.000 MHz	2.69515 GHz	-22.26 dBm	-9.26 dB
2.715 GHz	2.735 GHz	1.000 MHz	2.71548 GHz	-37.57 dBm	-12.57 dB

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