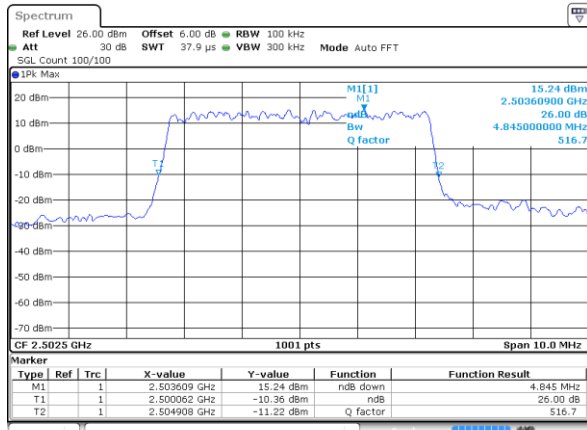


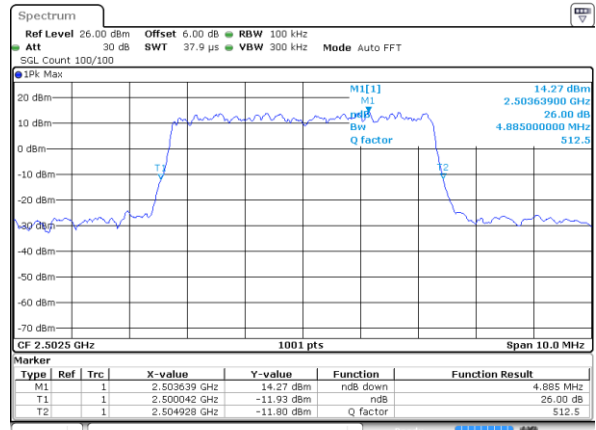


LTE Band 7

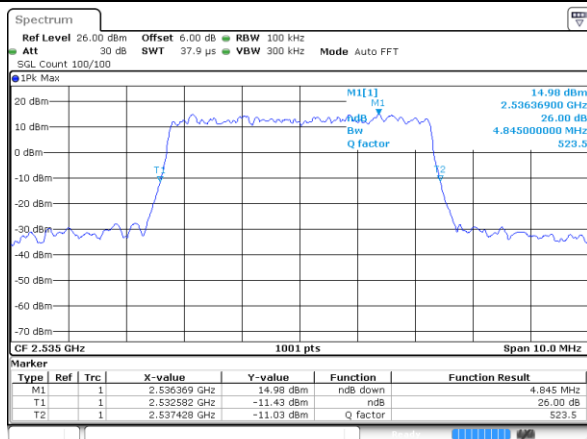
Lowest Channel / 5MHz / QPSK



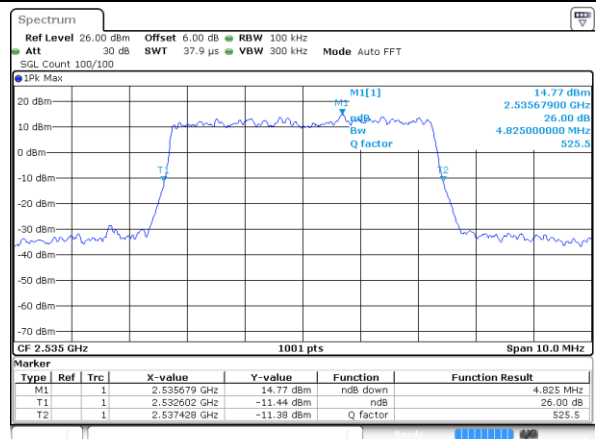
Lowest Channel / 5MHz / 16QAM



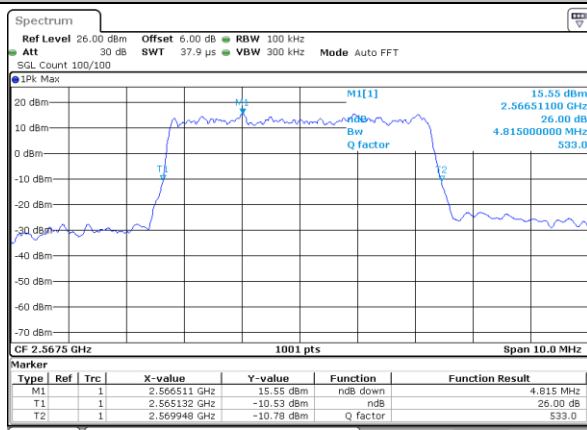
Middle Channel / 5MHz / QPSK



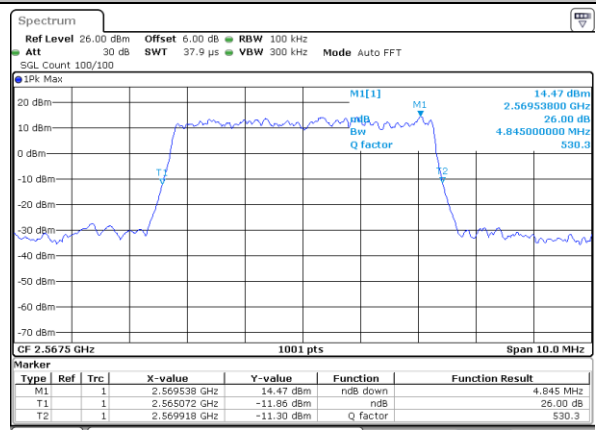
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



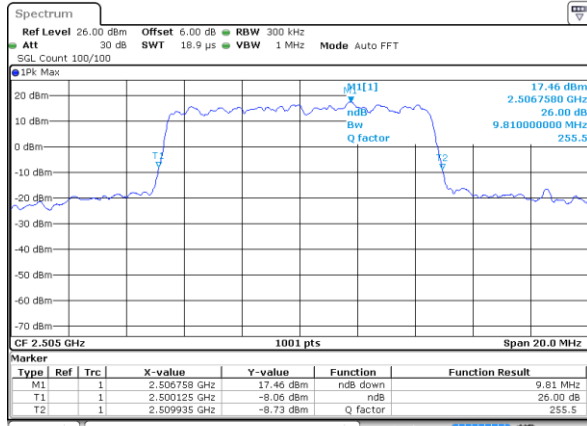
Highest Channel / 5MHz / 16QAM





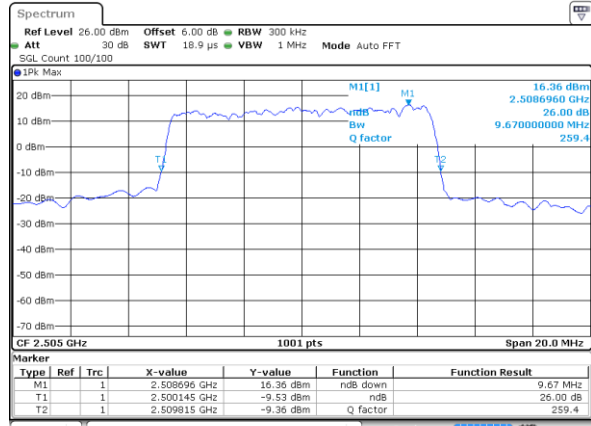
LTE Band 7

Lowest Channel / 10MHz / QPSK



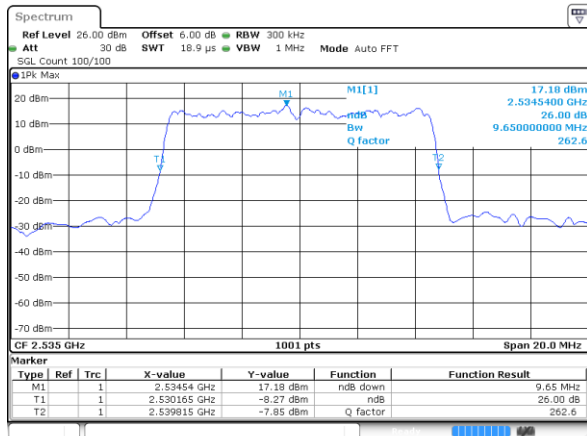
Date: 30 DEC 2019 12:23:14

Lowest Channel / 10MHz / 16QAM



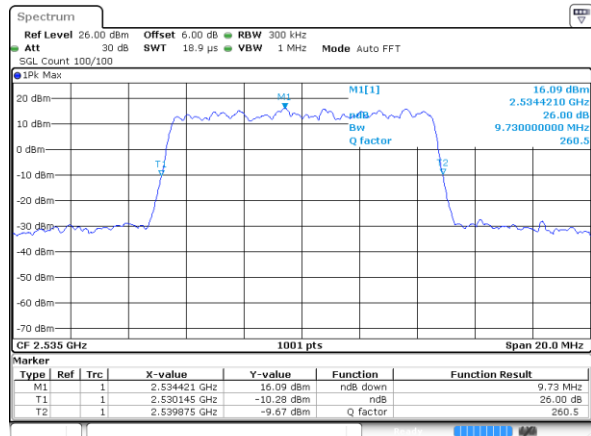
Date: 30 DEC 2019 12:23:34

Middle Channel / 10MHz / QPSK



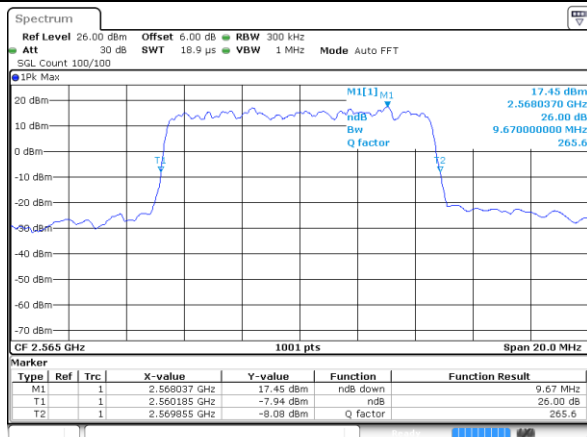
Date: 30 DEC 2019 12:24:14

Middle Channel / 10MHz / 16QAM



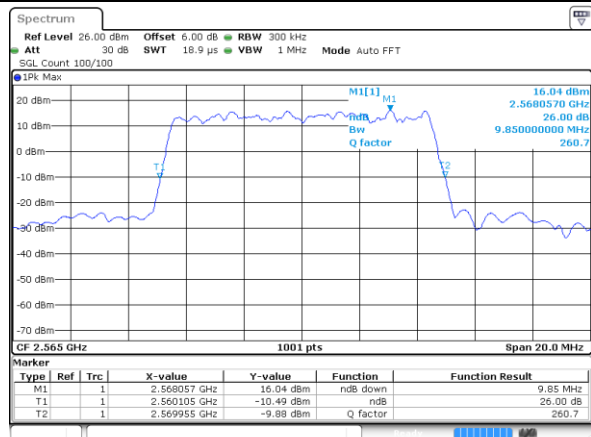
Date: 30 DEC 2019 12:23:54

Highest Channel / 10MHz / QPSK



Date: 30 DEC 2019 12:24:34

Highest Channel / 10MHz / 16QAM

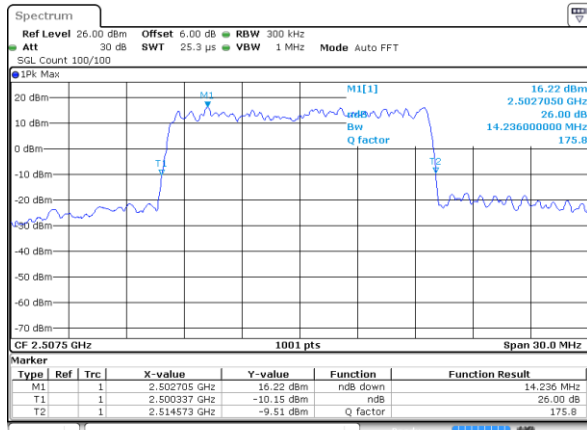


Date: 30 DEC 2019 12:24:54



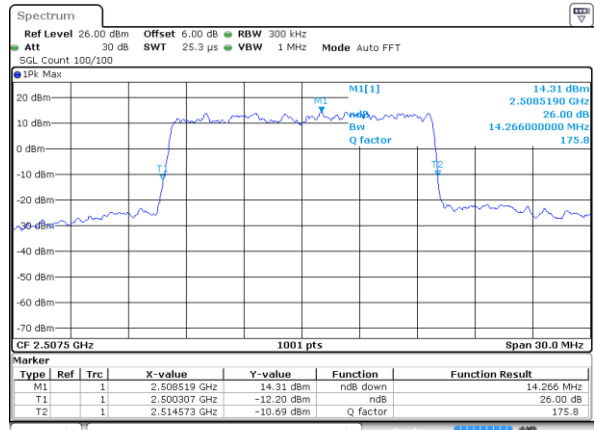
LTE Band 7

Lowest Channel / 15MHz / QPSK



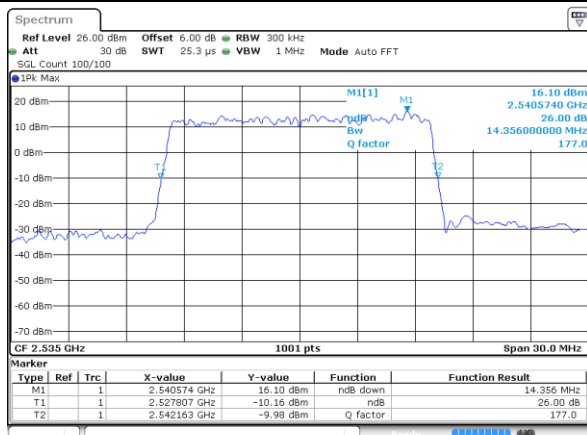
Date: 30 DEC 2019 12:40:04

Lowest Channel / 15MHz / 16QAM



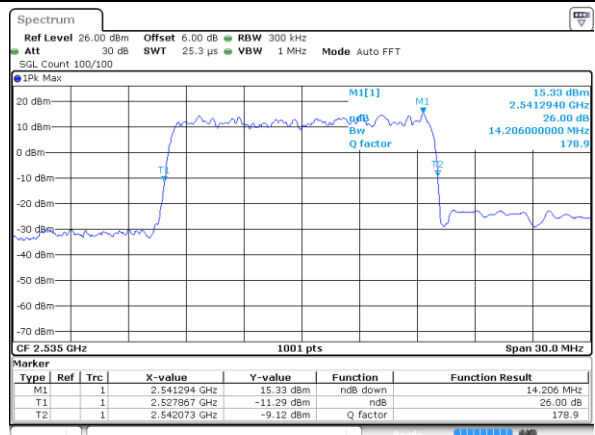
Date: 30 DEC 2019 12:39:44

Middle Channel / 15MHz / QPSK



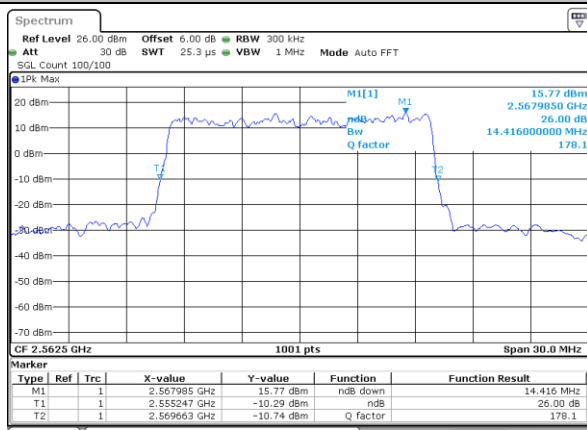
Date: 30 DEC 2019 12:40:23

Middle Channel / 15MHz / 16QAM



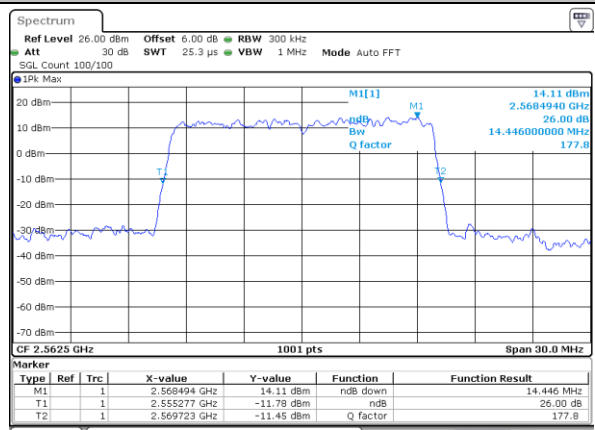
Date: 30 DEC 2019 12:40:43

Highest Channel / 15MHz / QPSK



Date: 30 DEC 2019 12:41:23

Highest Channel / 15MHz / 16QAM

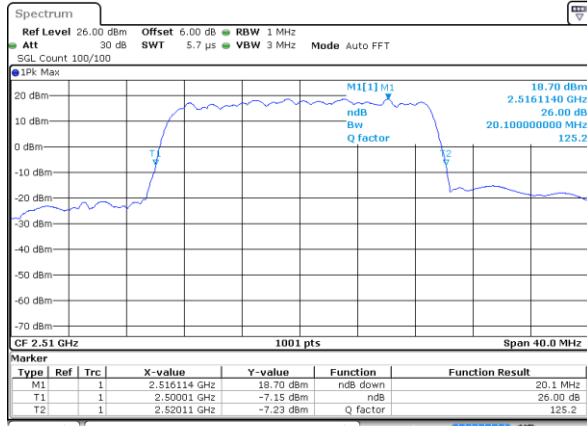


Date: 30 DEC 2019 12:41:03

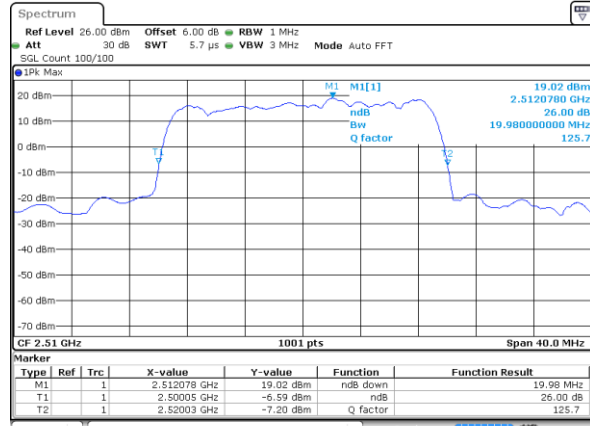


LTE Band 7

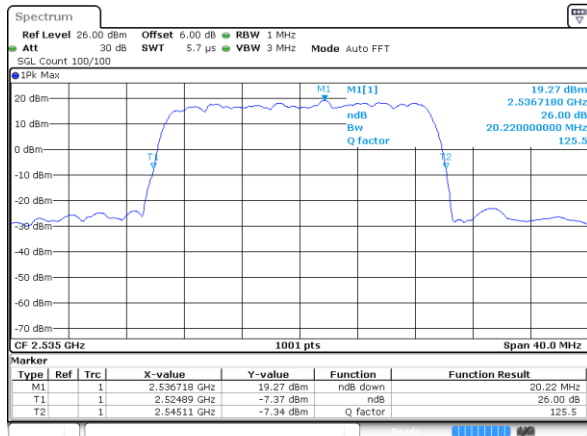
Lowest Channel / 20MHz / QPSK



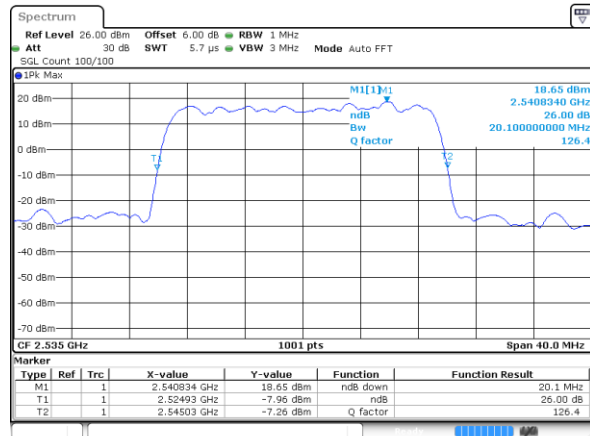
Lowest Channel / 20MHz / 16QAM



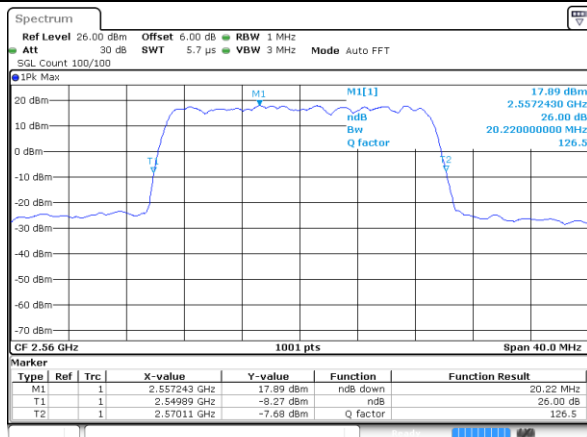
Middle Channel / 20MHz / QPSK



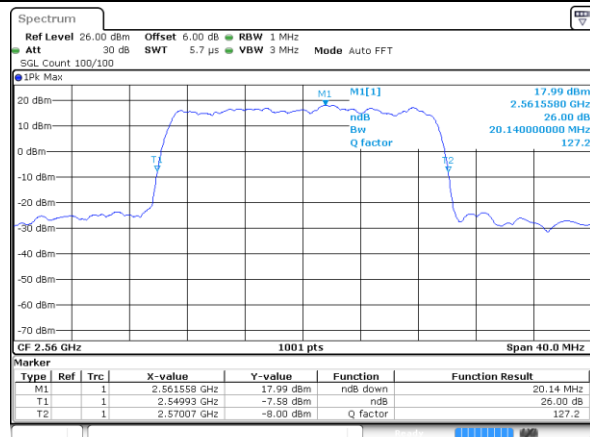
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



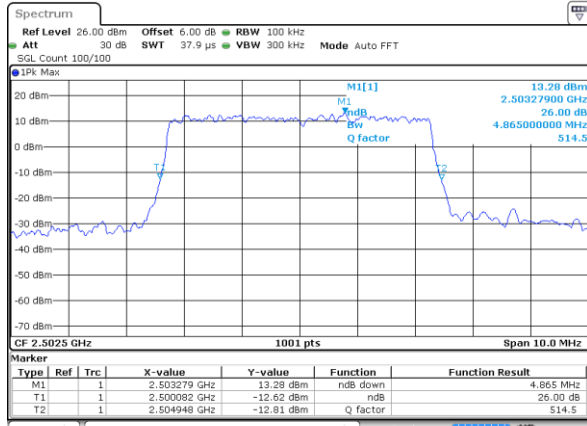
Highest Channel / 20MHz / 16QAM



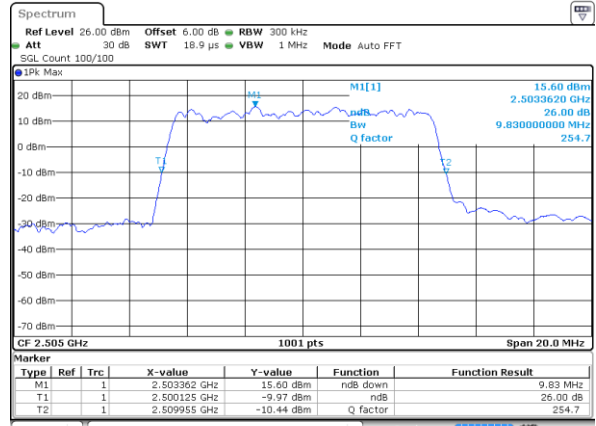


LTE Band 7

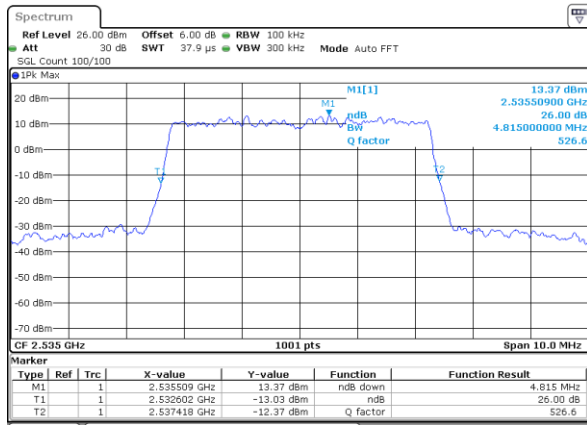
Lowest Channel / 5MHz / 64QAM



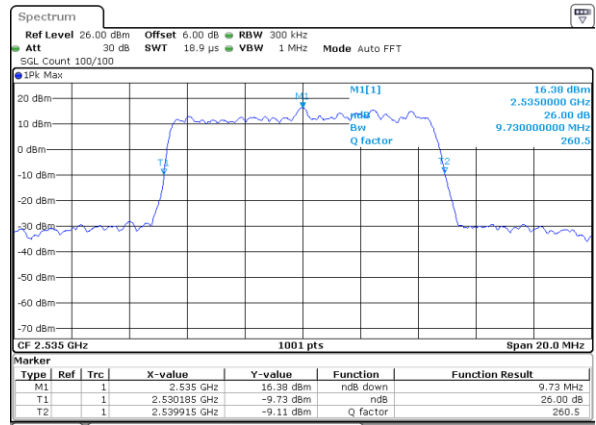
Lowest Channel / 10MHz / 64QAM



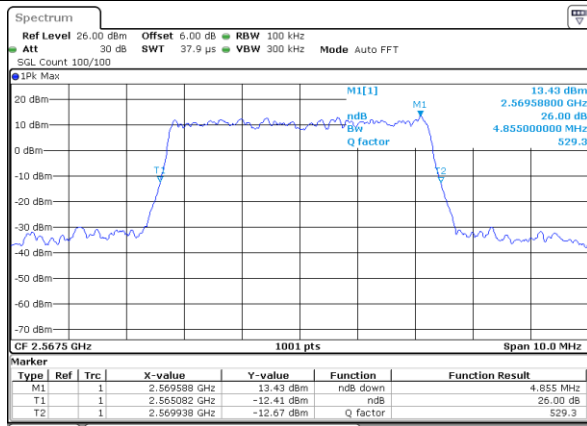
Middle Channel / 5MHz / 64QAM



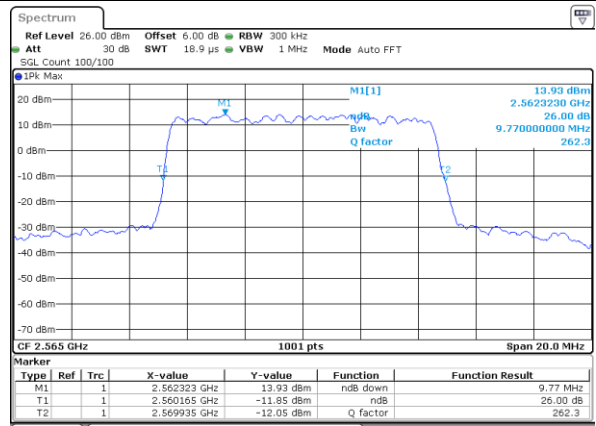
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



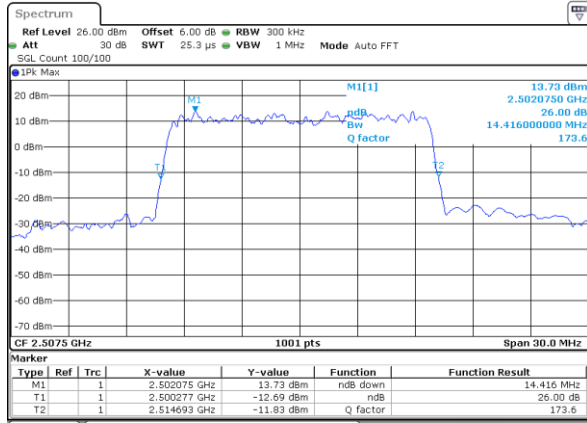
Highest Channel / 10MHz / 64QAM





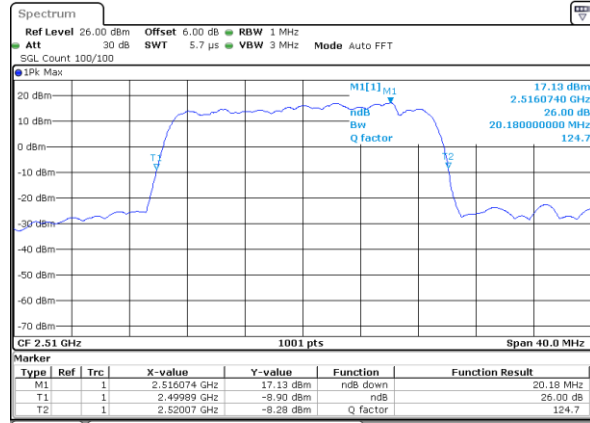
LTE Band 7

Lowest Channel / 15MHz / 64QAM



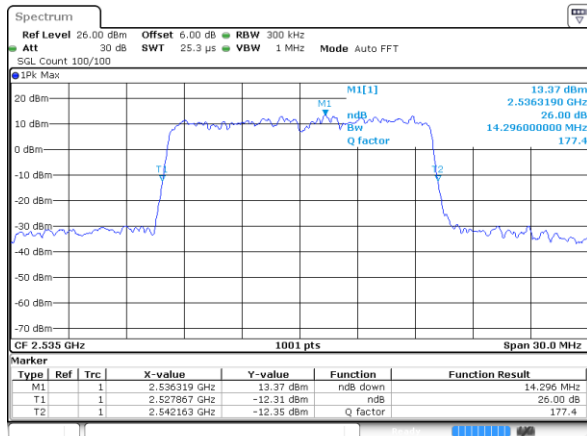
Date: 30 DEC 2019 14:09:07

Lowest Channel / 20MHz / 64QAM



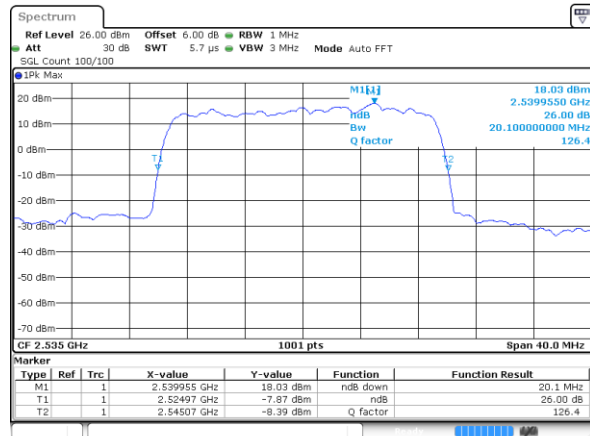
Date: 30 DEC 2019 14:50:11

Middle Channel / 15MHz / 64QAM



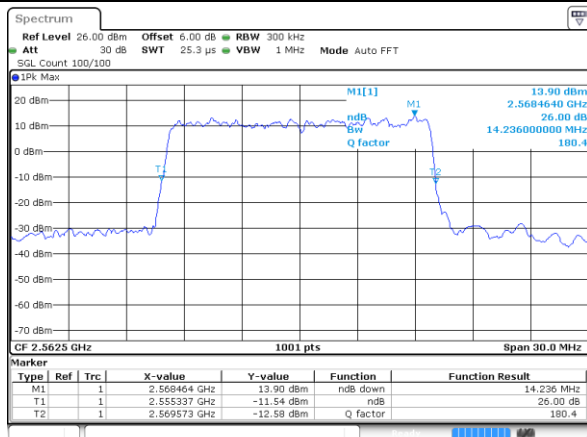
Date: 30 DEC 2019 14:09:16

Middle Channel / 20MHz / 64QAM



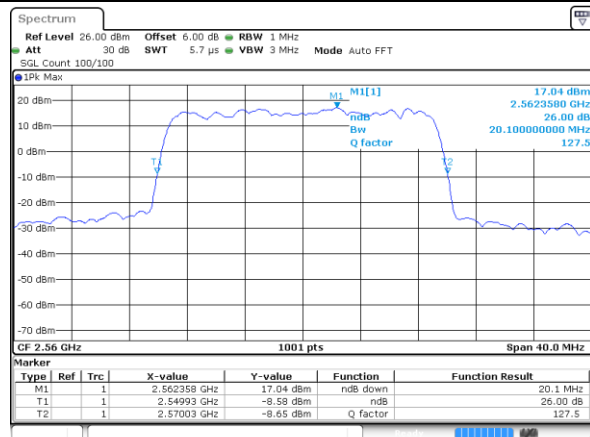
Date: 30 DEC 2019 14:50:21

Highest Channel / 15MHz / 64QAM



Date: 30 DEC 2019 14:09:26

Highest Channel / 20MHz / 64QAM



Date: 30 DEC 2019 14:50:31



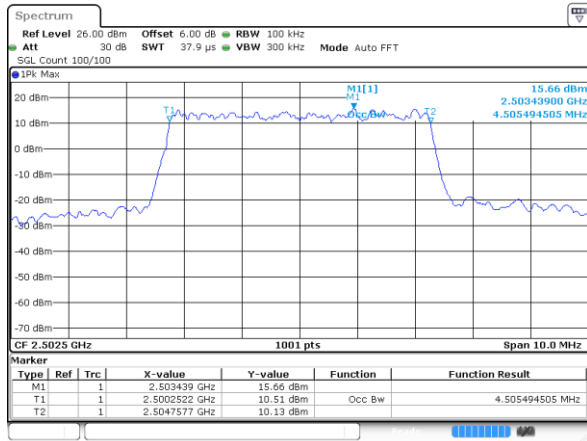
Occupied Bandwidth

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.51	4.50	9.03	9.07	13.49	13.46	18.42	18.34	4.48	8.99	13.43	18.26
Middle CH	4.47	4.46	9.01	8.99	13.46	13.40	18.30	18.38	4.49	9.05	13.43	18.42
Highest CH	4.48	4.49	9.03	8.97	13.46	13.46	18.42	18.38	4.49	9.05	13.43	18.10

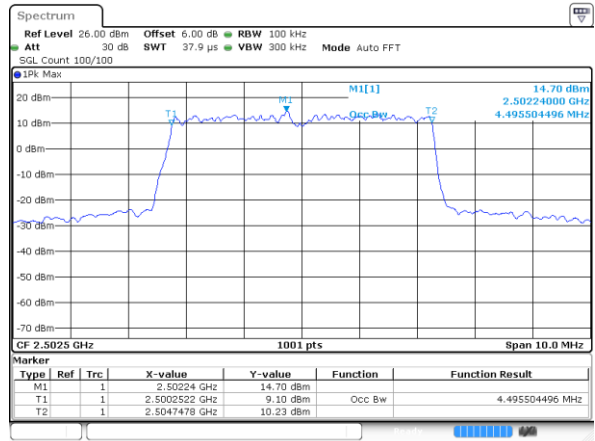


LTE Band 7

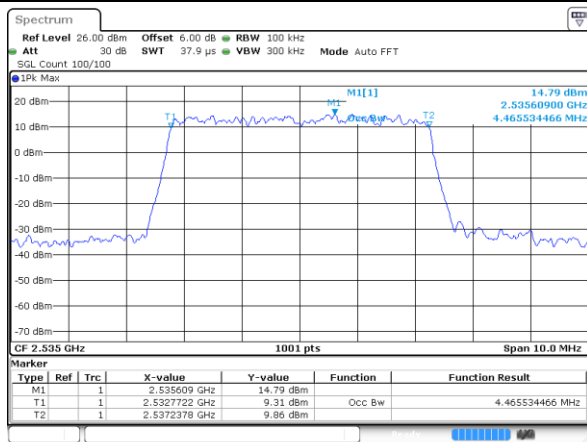
Lowest Channel / 5MHz / QPSK



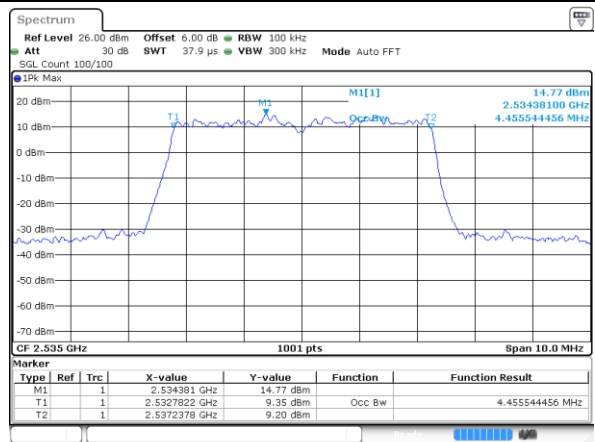
Lowest Channel / 5MHz / 16QAM



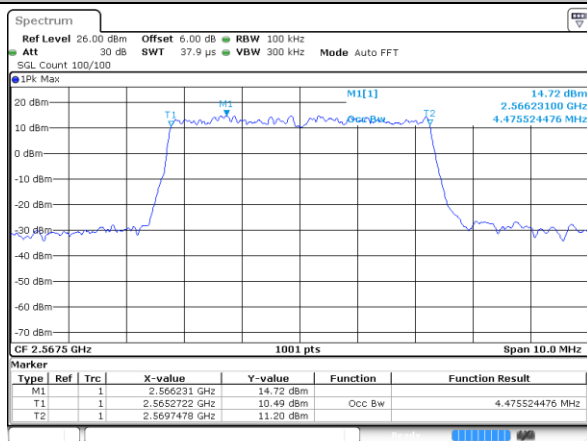
Middle Channel / 5MHz / QPSK



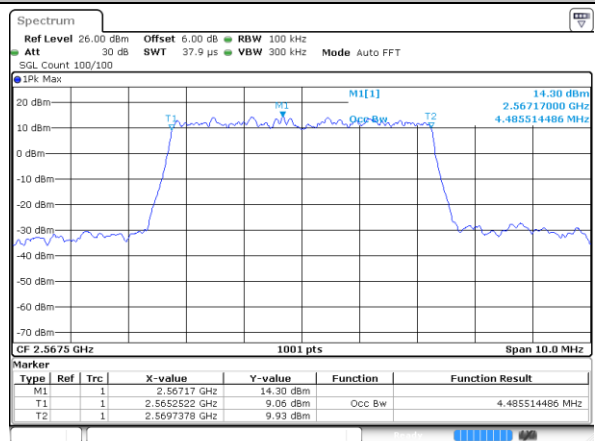
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



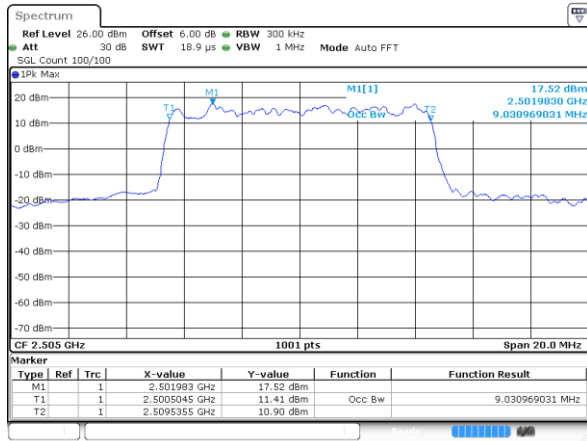
Highest Channel / 5MHz / 16QAM





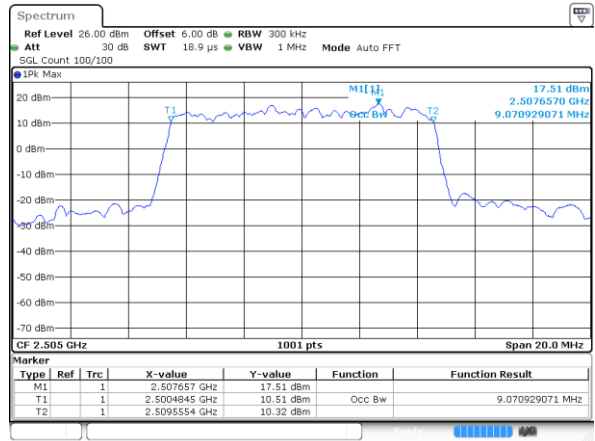
LTE Band 7

Lowest Channel / 10MHz / QPSK



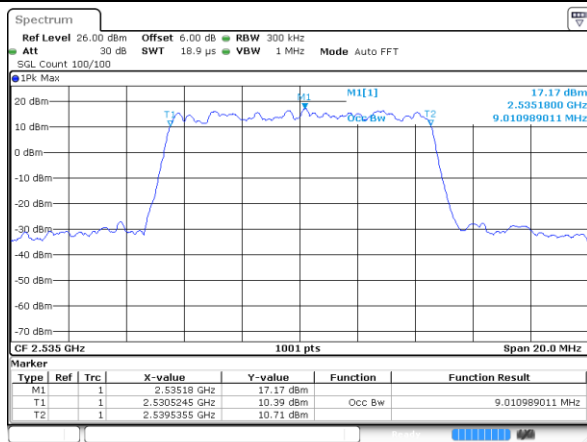
Date: 30 DEC 2019 12:23:04

Lowest Channel / 10MHz / 16QAM



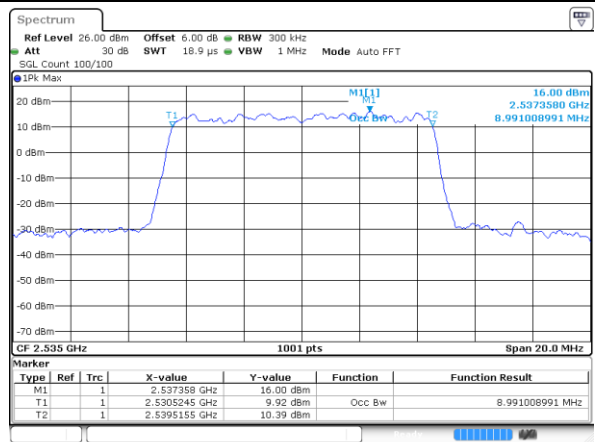
Date: 30 DEC 2019 12:23:24

Middle Channel / 10MHz / QPSK



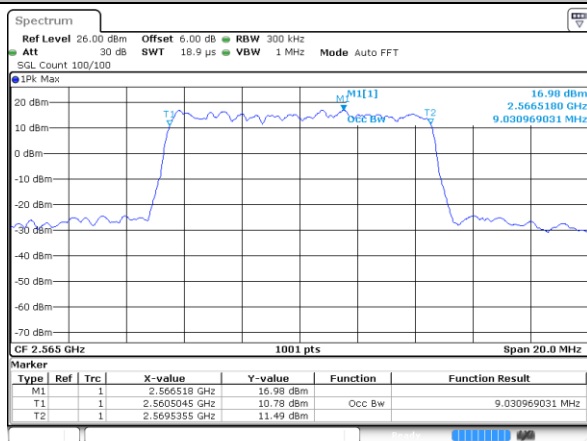
Date: 30 DEC 2019 12:24:04

Middle Channel / 10MHz / 16QAM



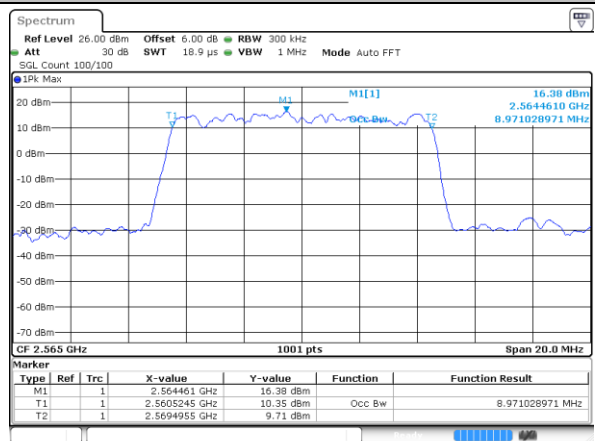
Date: 30 DEC 2019 12:23:44

Highest Channel / 10MHz / QPSK



Date: 30 DEC 2019 12:24:24

Highest Channel / 10MHz / 16QAM

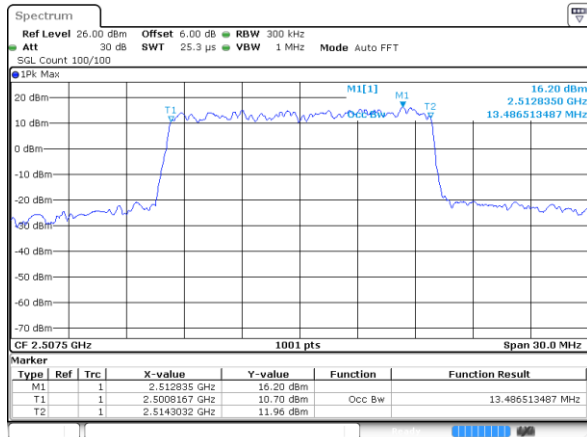


Date: 30 DEC 2019 12:24:44

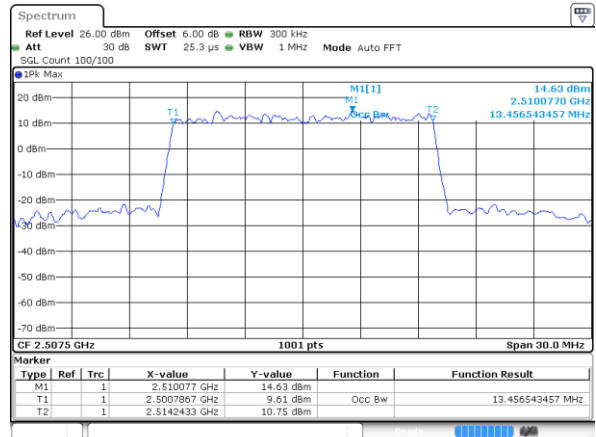


LTE Band 7

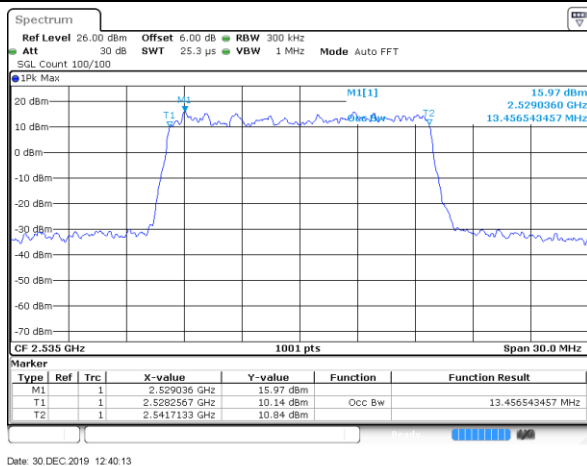
Lowest Channel / 15MHz / QPSK



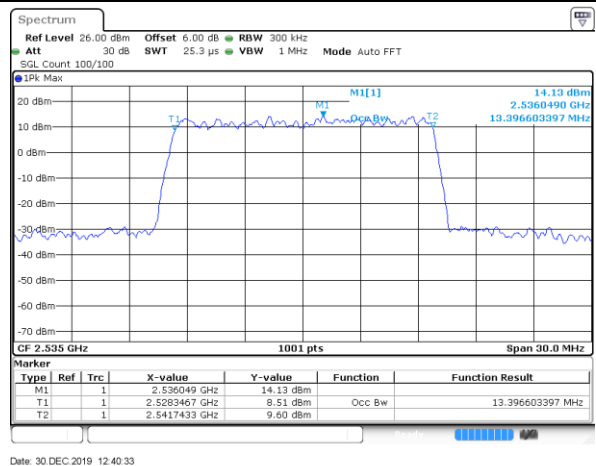
Lowest Channel / 15MHz / 16QAM



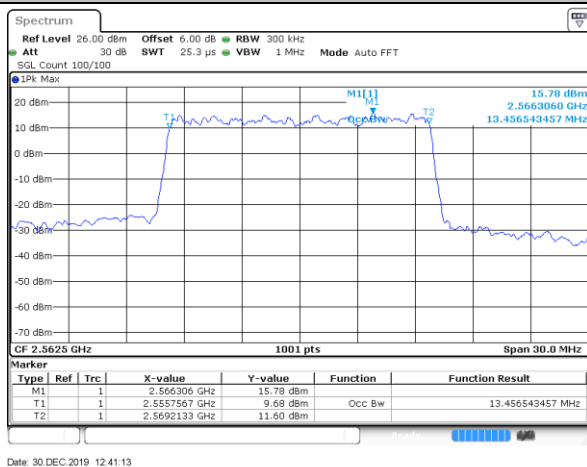
Middle Channel / 15MHz / QPSK



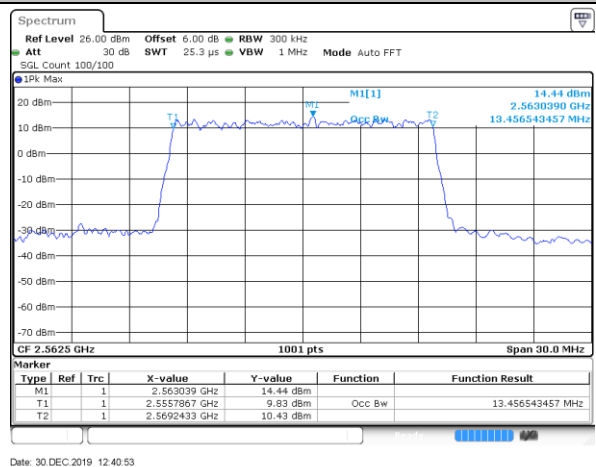
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



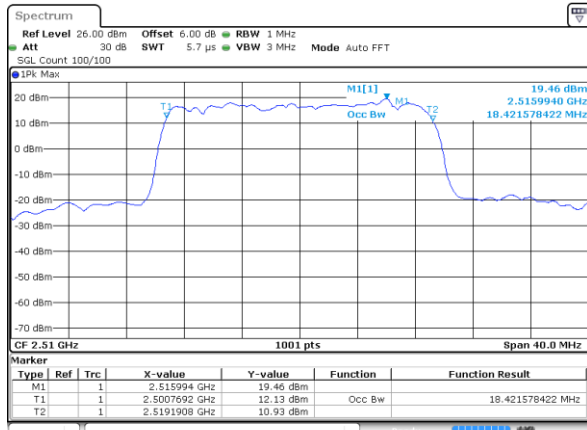
Highest Channel / 15MHz / 16QAM



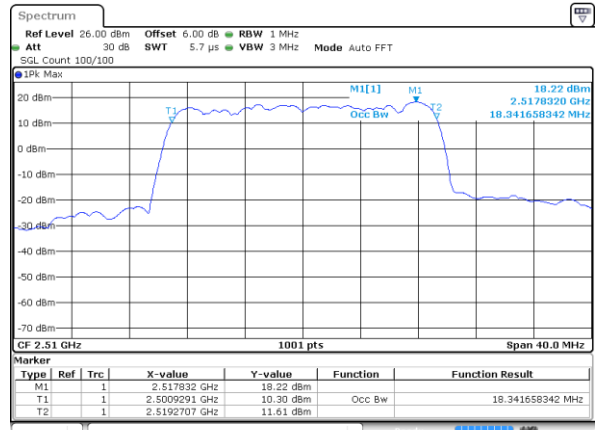


LTE Band 7

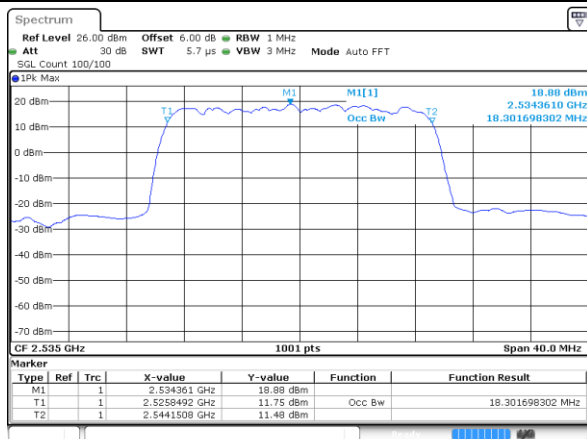
Lowest Channel / 20MHz / QPSK



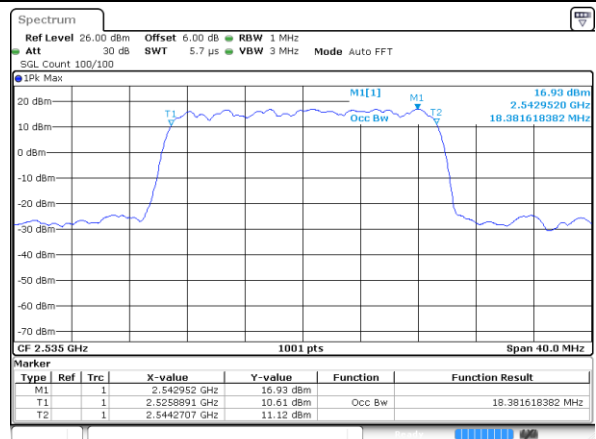
Lowest Channel / 20MHz / 16QAM



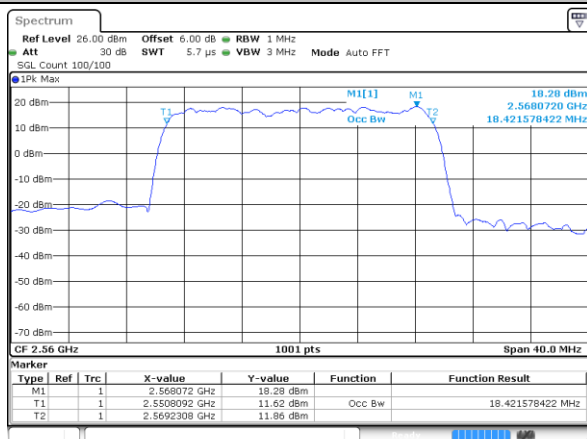
Middle Channel / 20MHz / QPSK



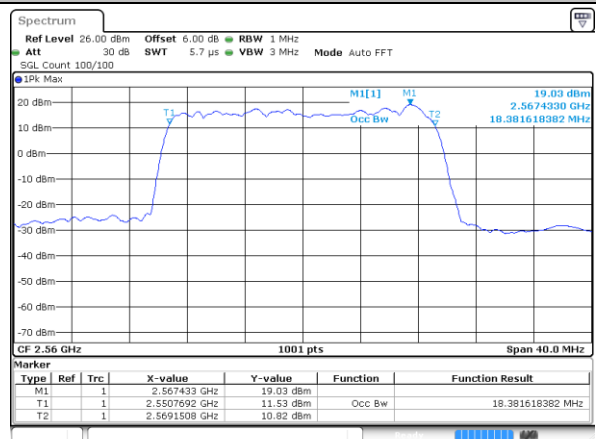
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



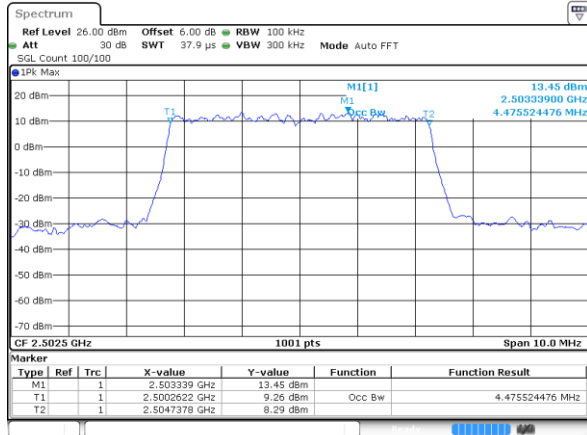
Highest Channel / 20MHz / 16QAM



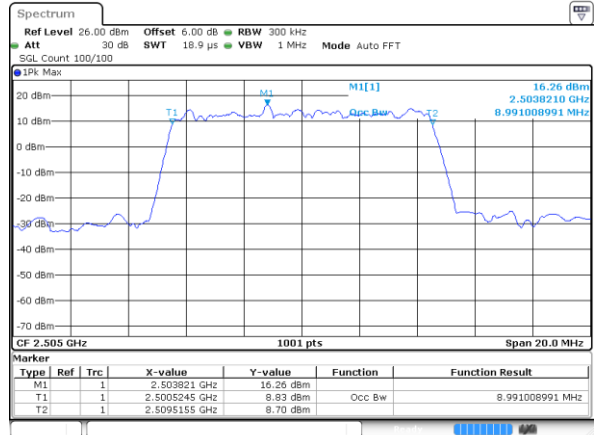


LTE Band 7

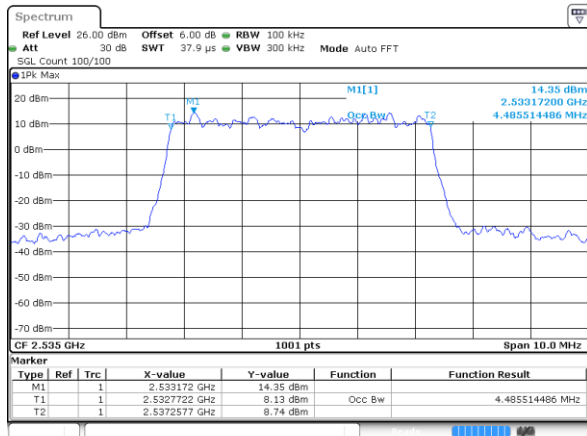
Lowest Channel / 5MHz / 64QAM



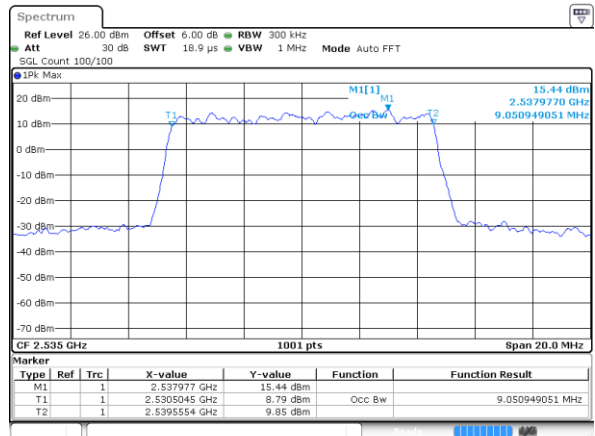
Lowest Channel / 10MHz / 64QAM



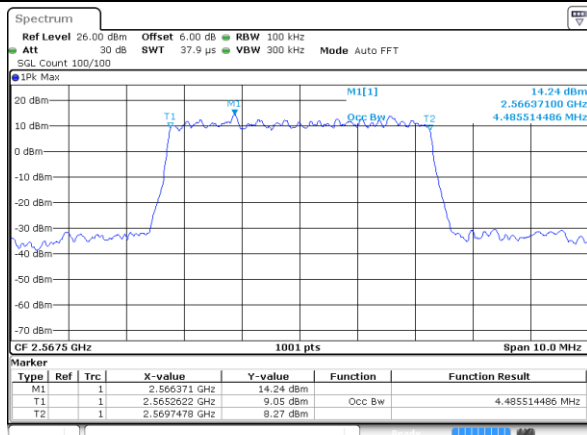
Middle Channel / 5MHz / 64QAM



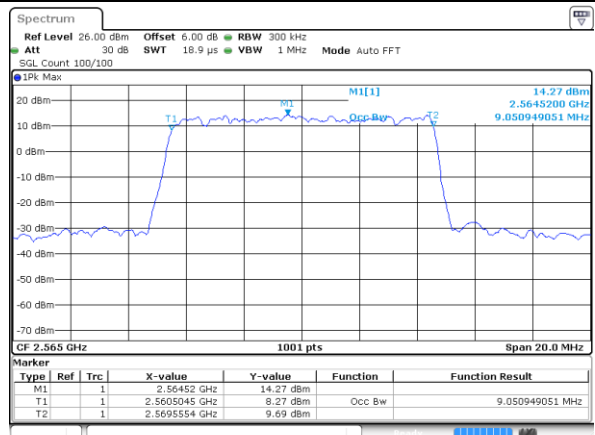
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



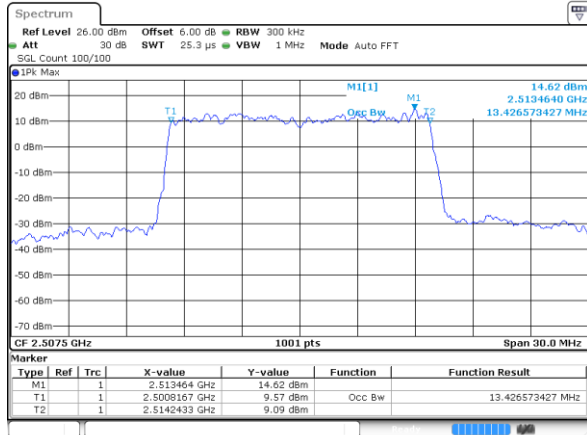
Highest Channel / 10MHz / 64QAM



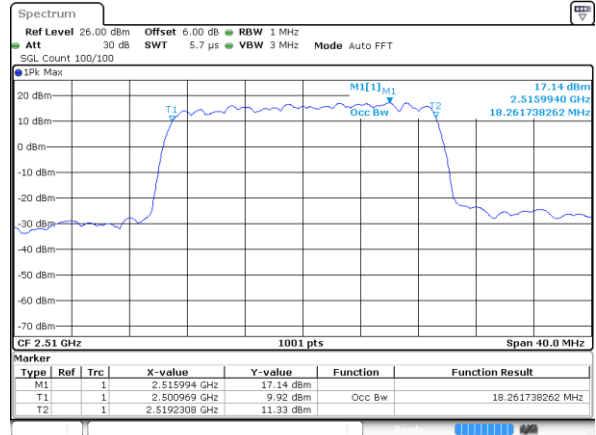


LTE Band 7

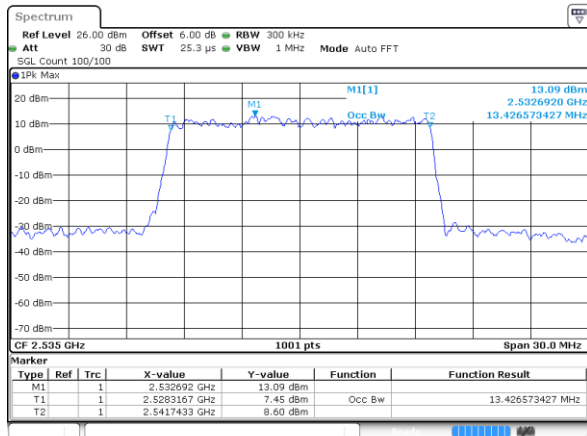
Lowest Channel / 15MHz / 64QAM



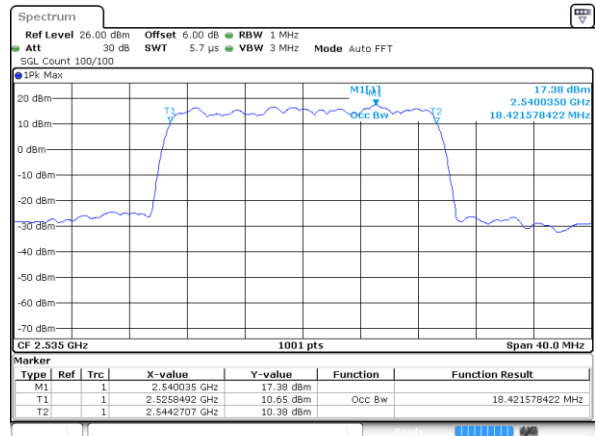
Lowest Channel / 20MHz / 64QAM



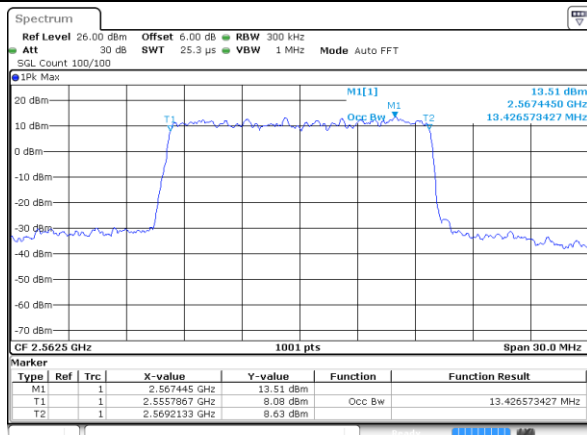
Middle Channel / 15MHz / 64QAM



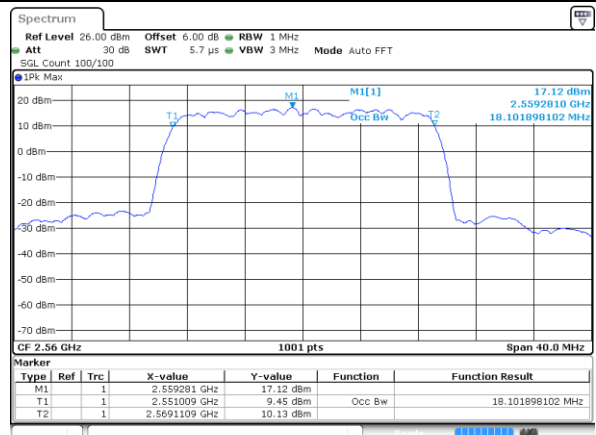
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

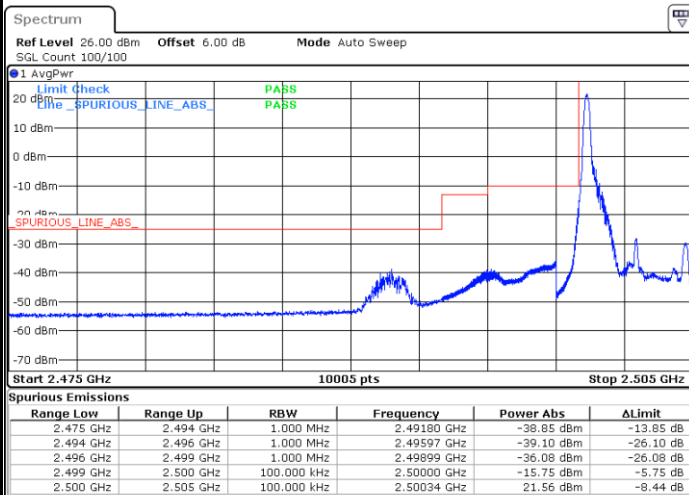




Conducted Band Edge

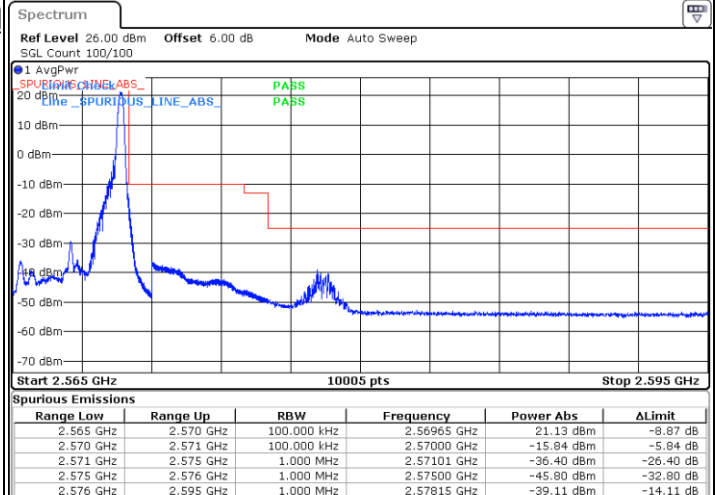
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



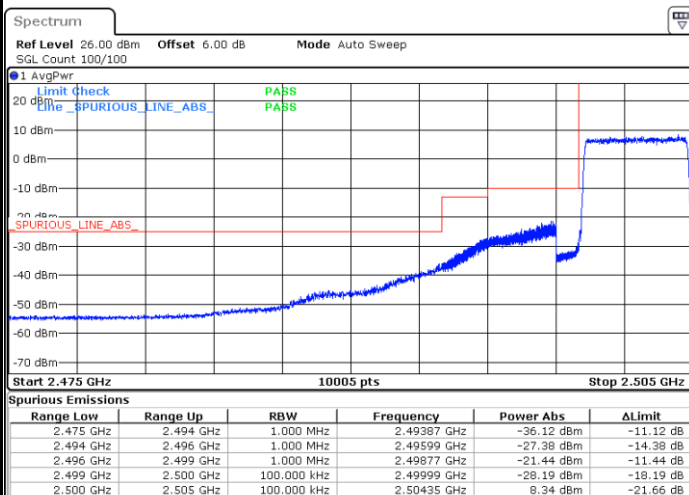
Date: 30 DEC 2019 12:10:24

Highest Band Edge / 1 RB



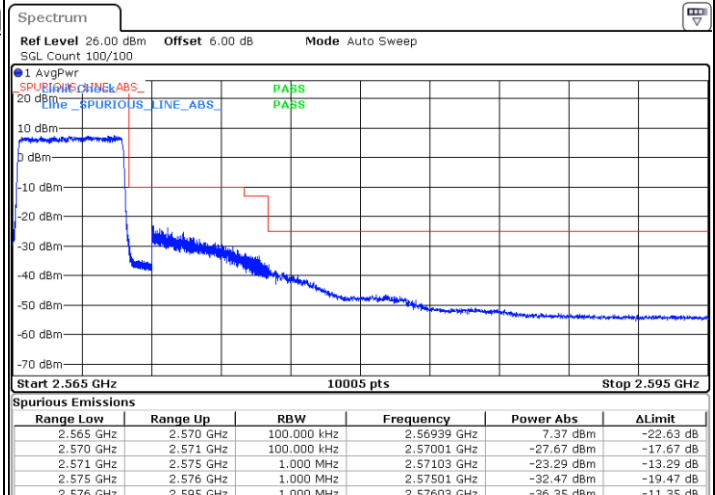
Date: 30 DEC 2019 12:18:28

Lowest Band Edge / Full RB



Date: 30 DEC 2019 12:13:51

Highest Band Edge / Full RB

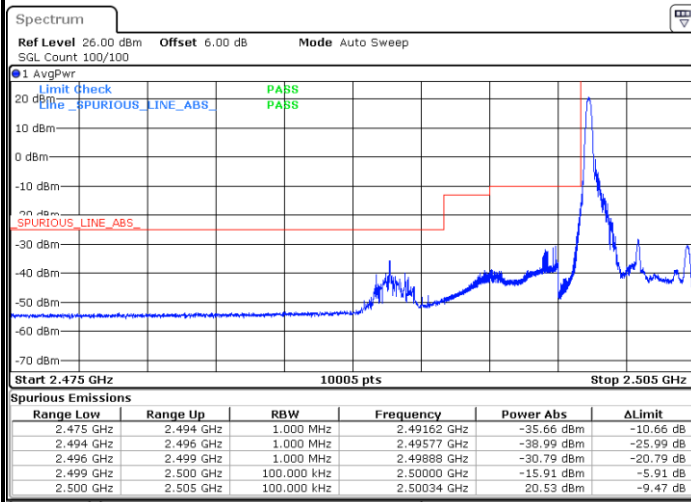


Date: 30 DEC 2019 12:15:01

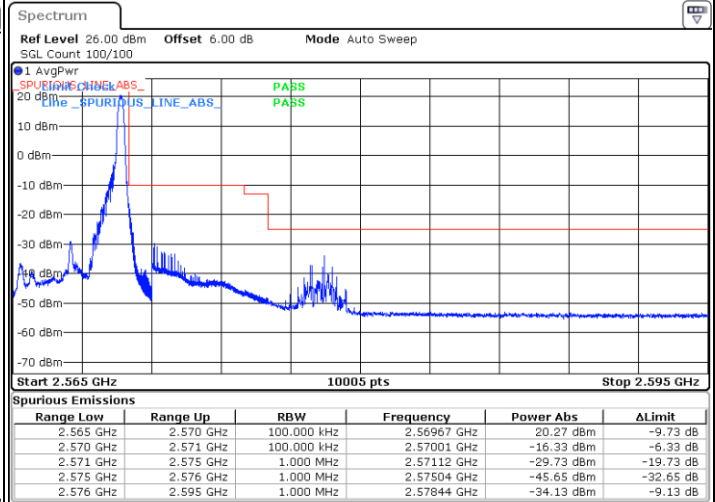


LTE Band 7 / 5MHz / 16QAM

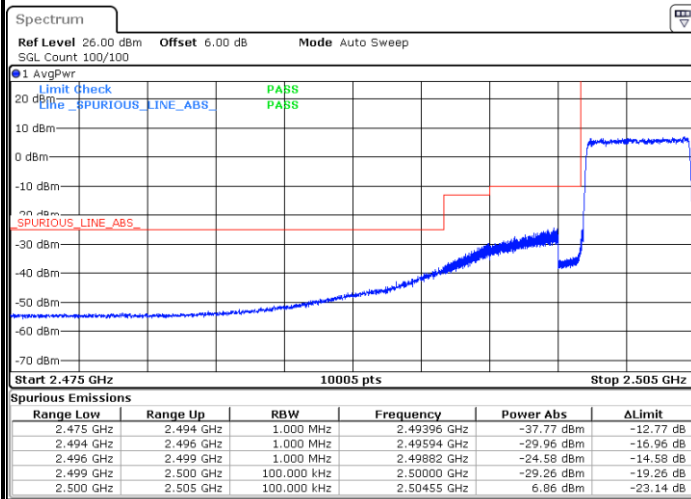
Lowest Band Edge / 1 RB



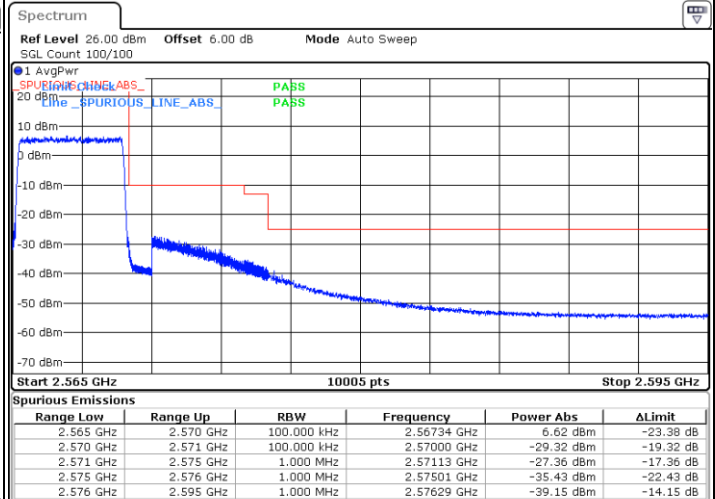
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



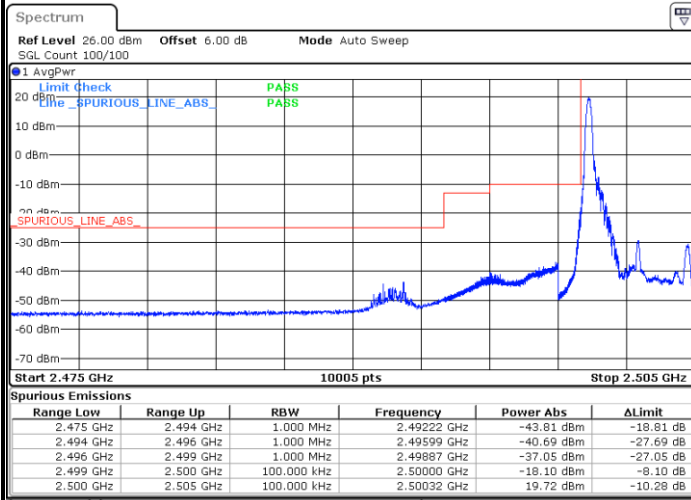
Highest Band Edge / Full RB



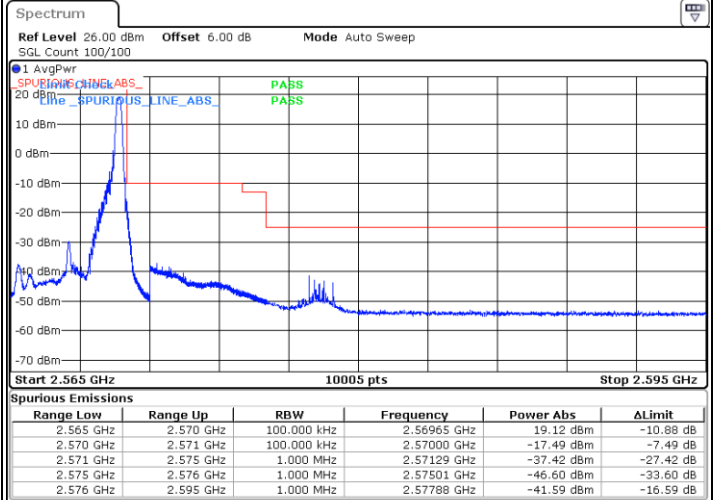


LTE Band 7 / 5MHz / 64QAM

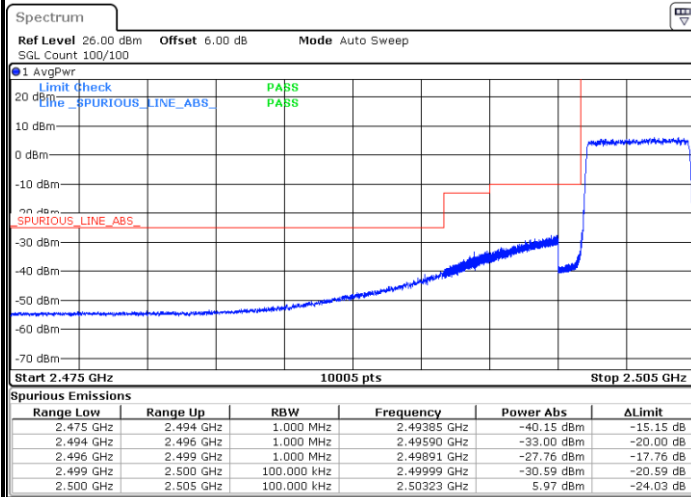
Lowest Band Edge / 1RB



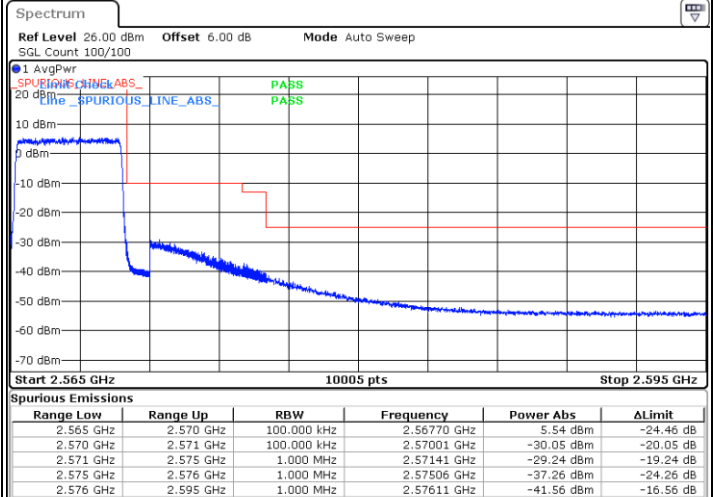
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



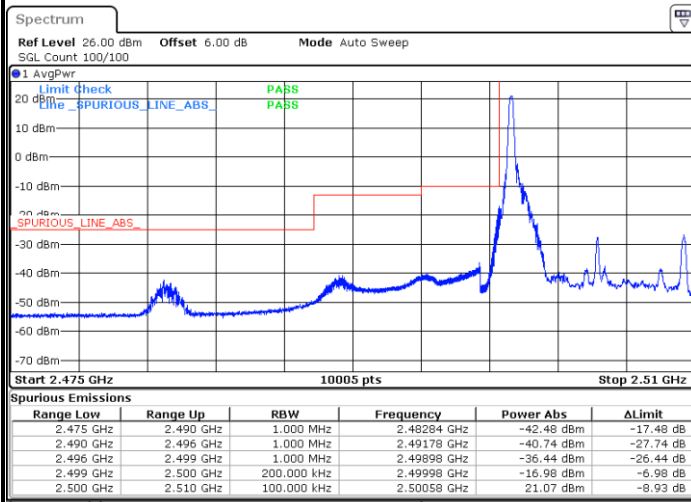
Highest Band Edge / Full RB



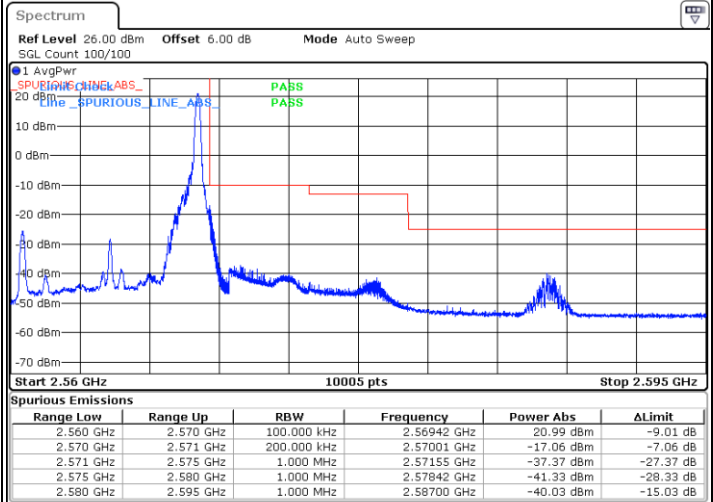


LTE Band 7 / 10MHz / QPSK

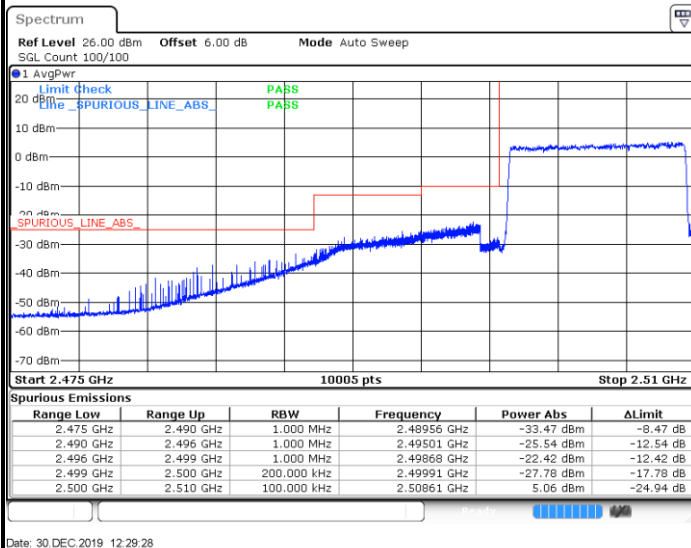
Lowest Band Edge / 1 RB



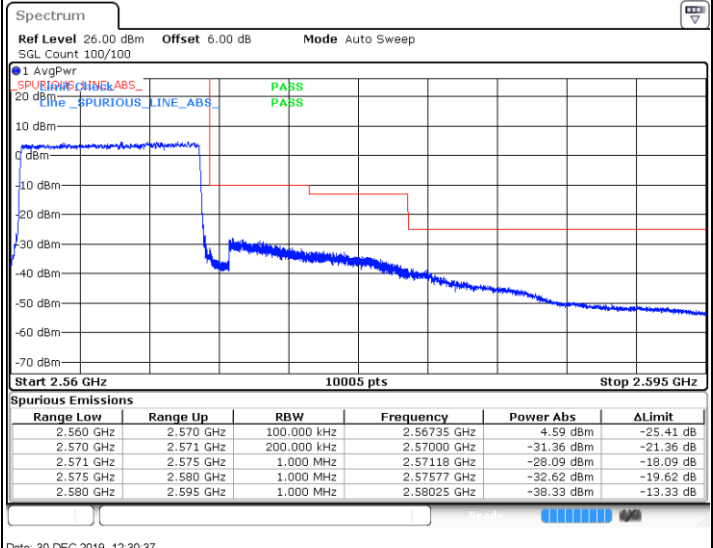
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



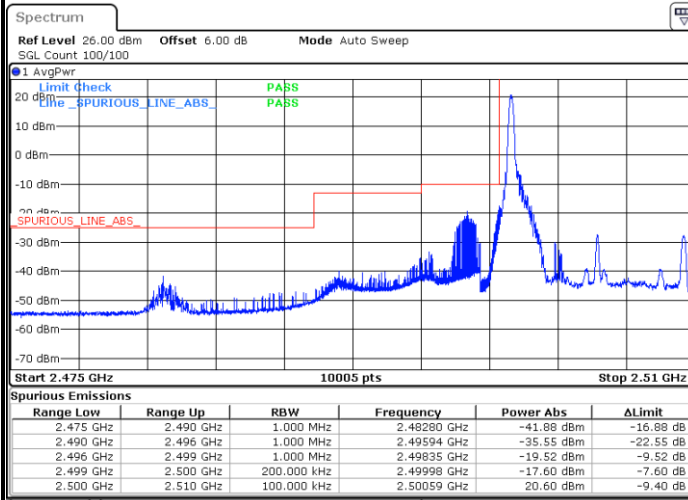
Highest Band Edge / Full RB



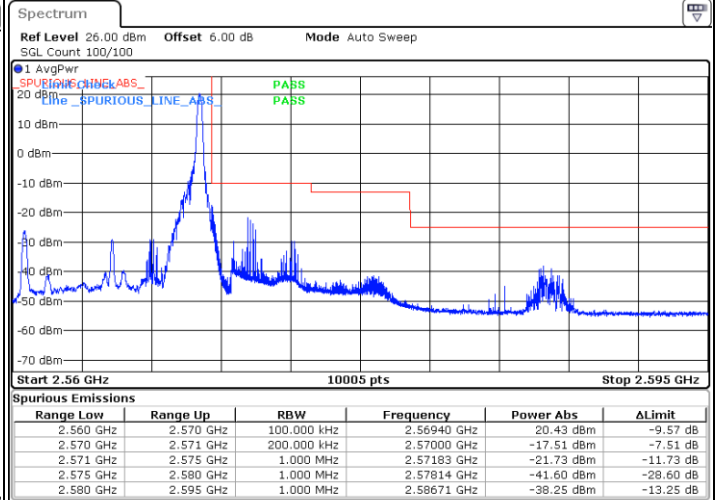


LTE Band 7 / 10MHz / 16QAM

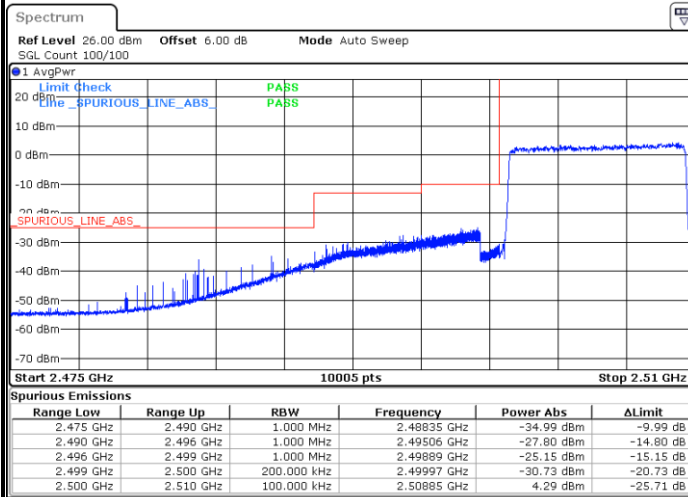
Lowest Band Edge / 1 RB



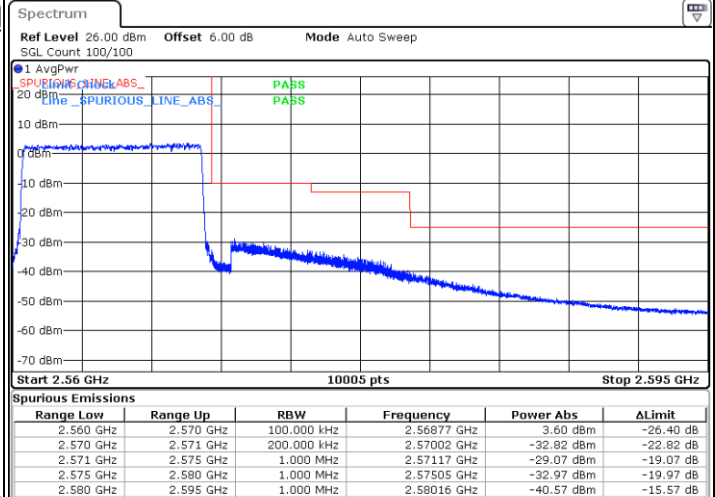
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



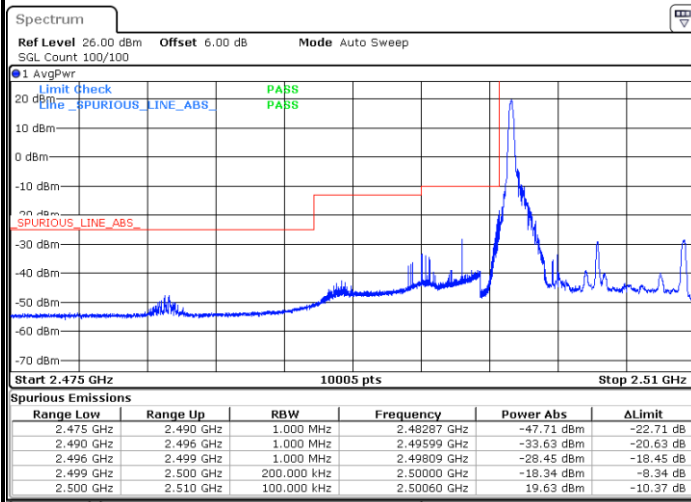
Highest Band Edge / Full RB





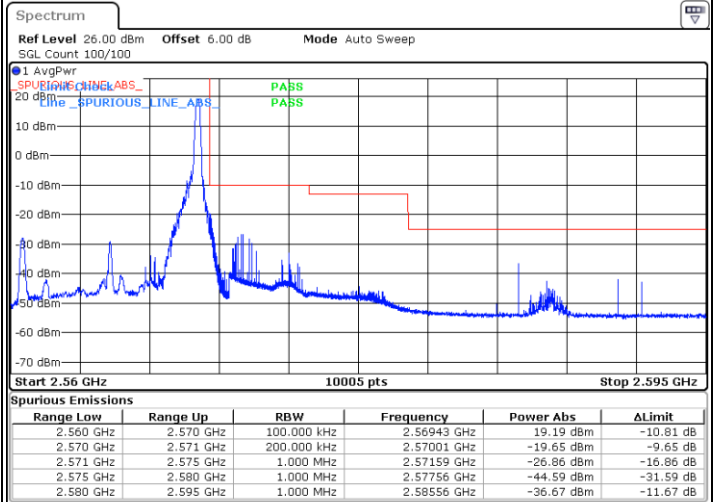
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



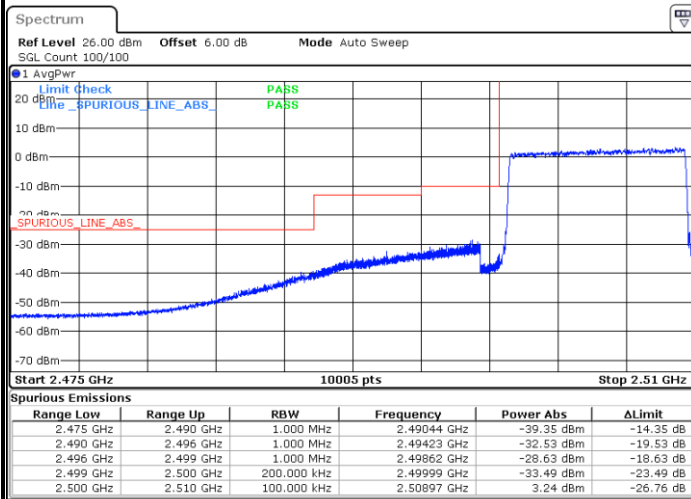
Date: 30 DEC 2019 14:28:50

Highest Band Edge / 1 RB



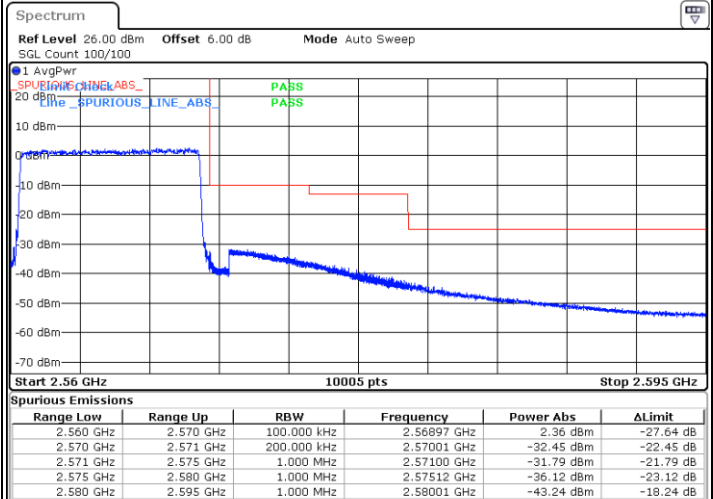
Date: 30 DEC 2019 14:07:17

Lowest Band Edge / Full RB



Date: 30 DEC 2019 14:28:32

Highest Band Edge / Full RB

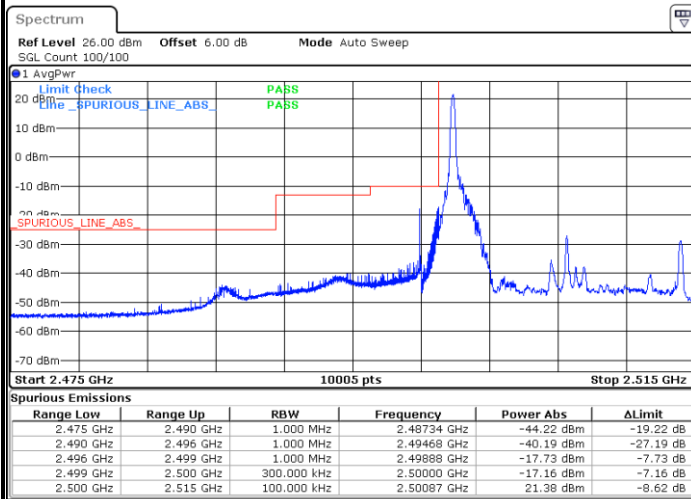


Date: 30 DEC 2019 14:08:26

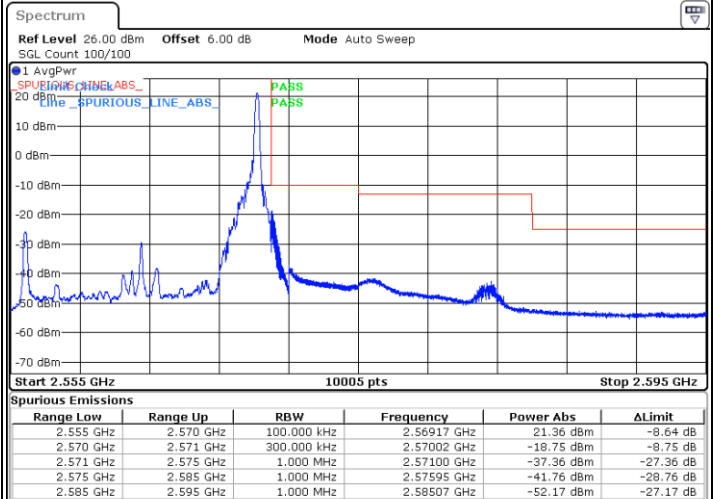


LTE Band 7 / 15MHz / QPSK

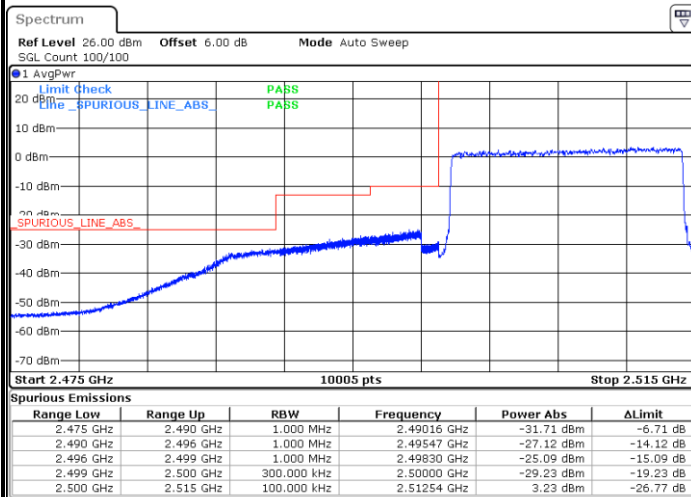
Lowest Band Edge / 1 RB



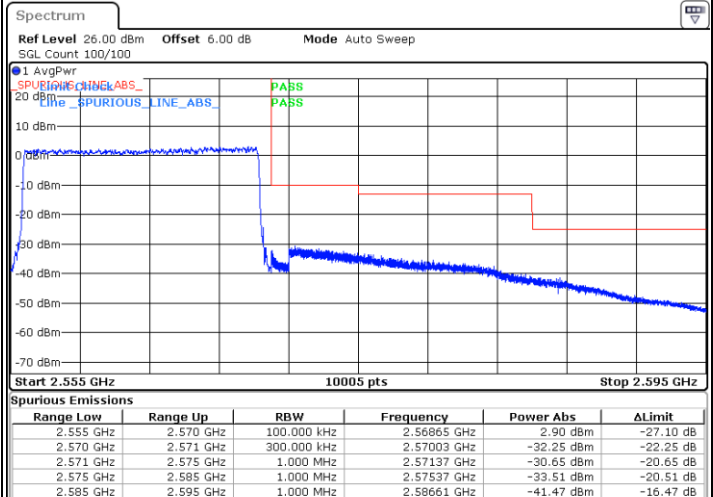
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



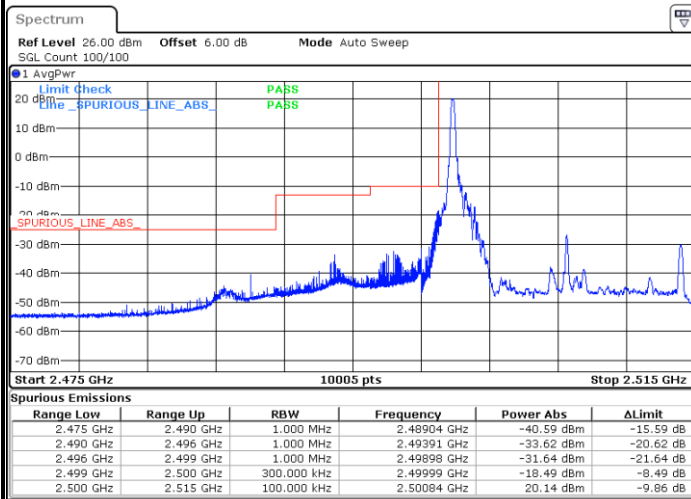
Highest Band Edge / Full RB



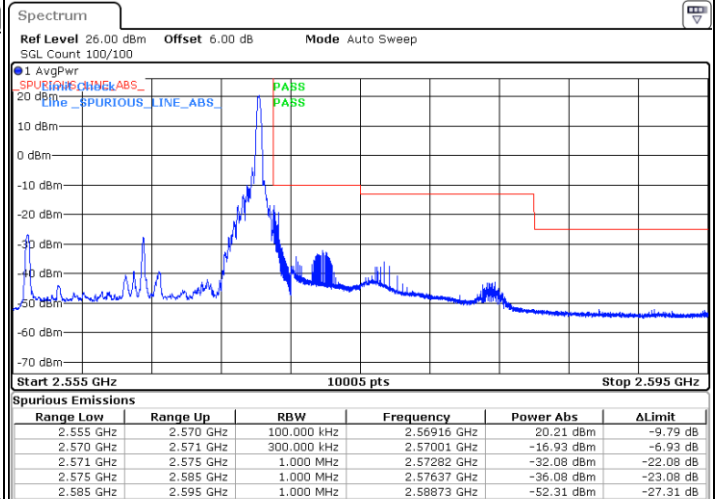


LTE Band 7 / 15MHz / 16QAM

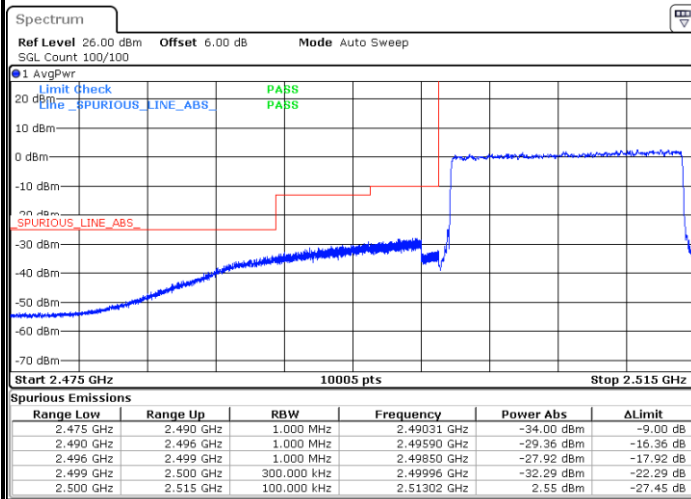
Lowest Band Edge / 1 RB



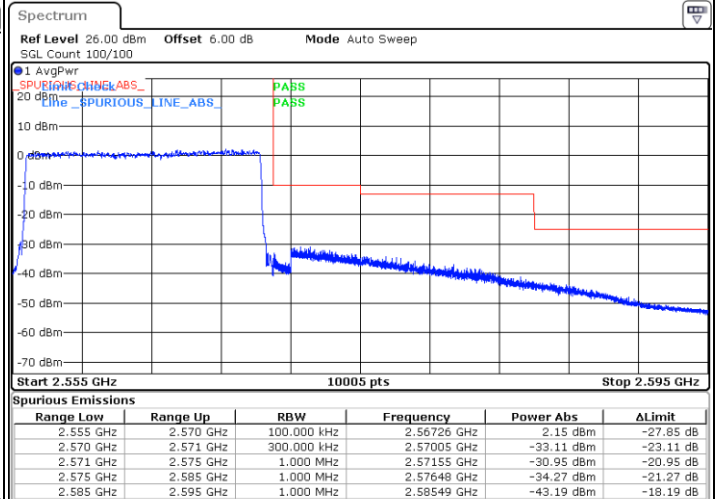
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



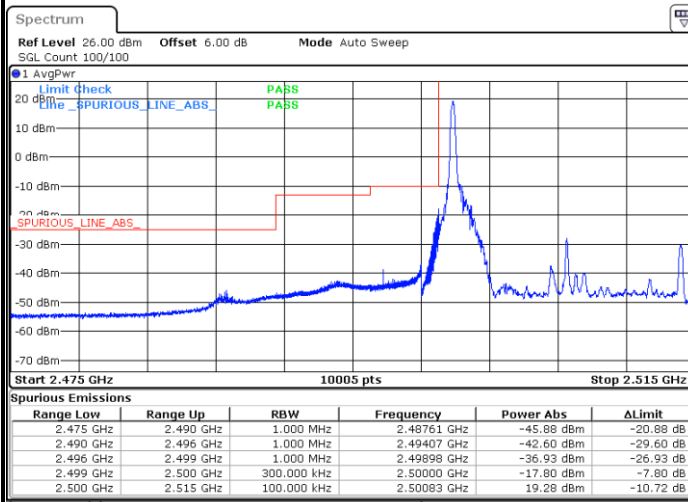
Highest Band Edge / Full RB



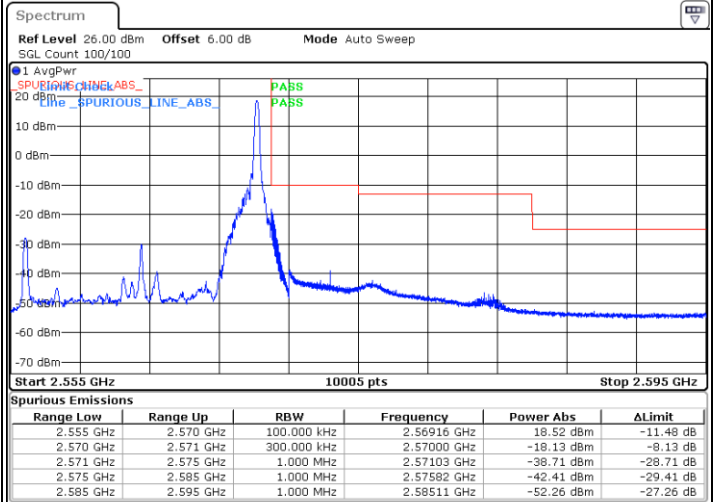


LTE Band 7 / 15MHz / 64QAM

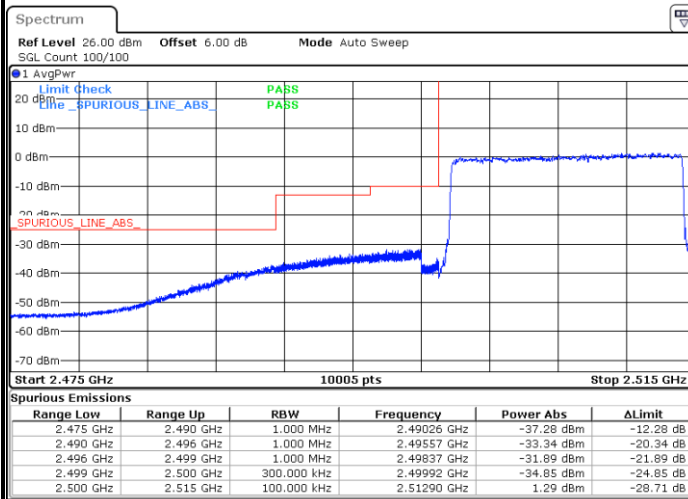
Lowest Band Edge / 1 RB



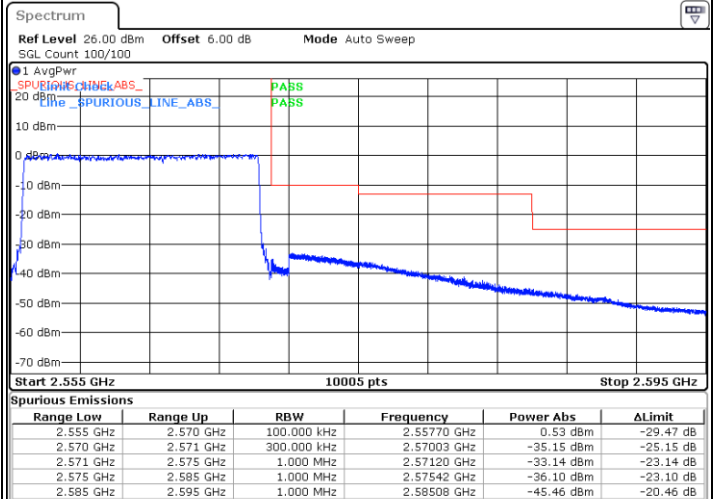
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



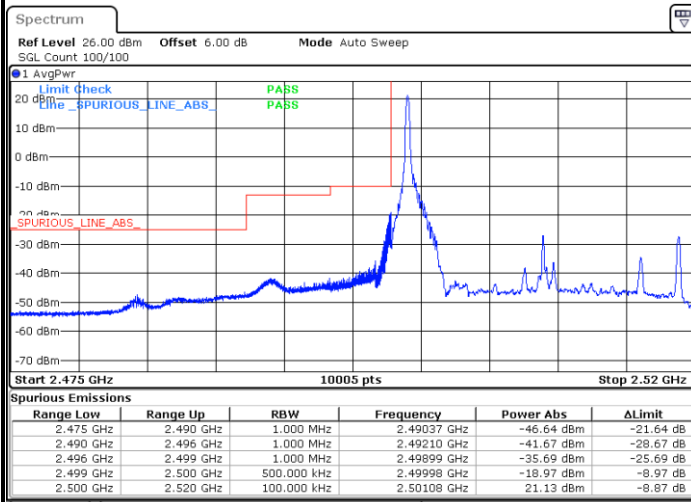
Highest Band Edge / Full RB



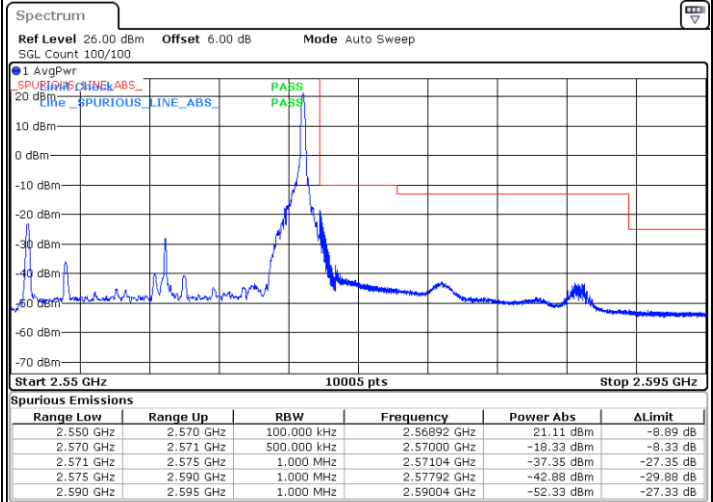


LTE Band 7 / 20MHz / QPSK

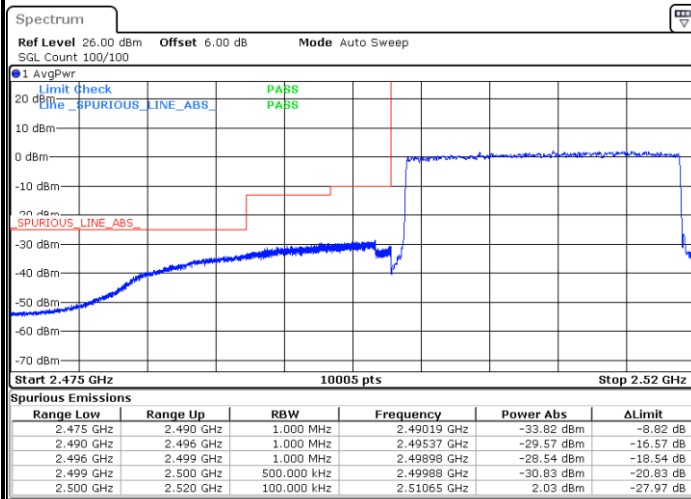
Lowest Band Edge / 1 RB



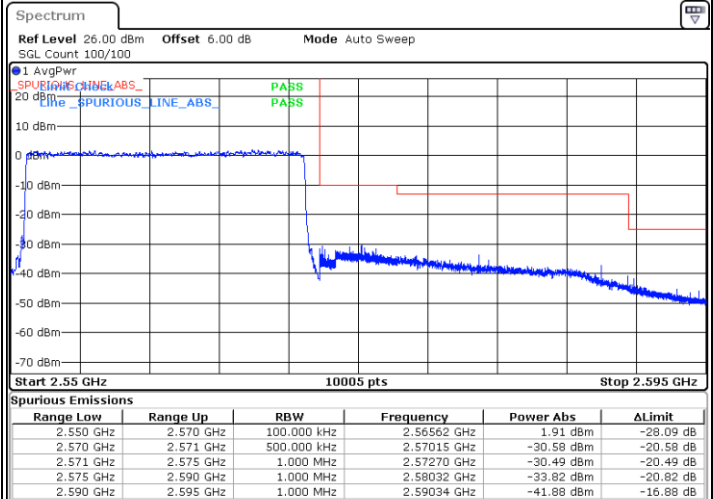
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



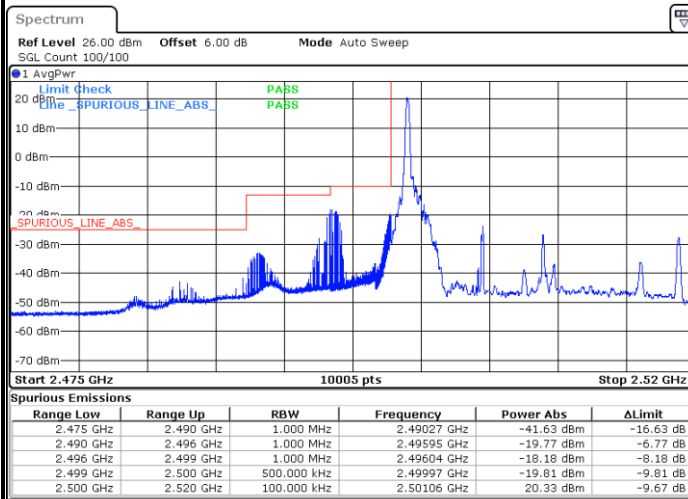
Highest Band Edge / Full RB



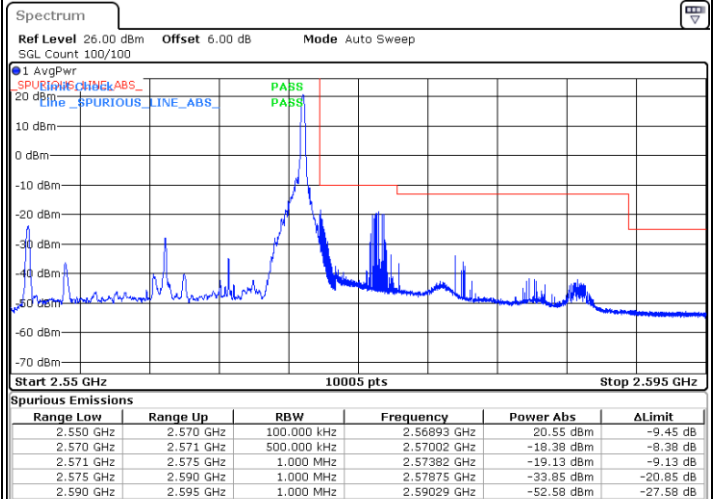


LTE Band 7 / 20MHz / 16QAM

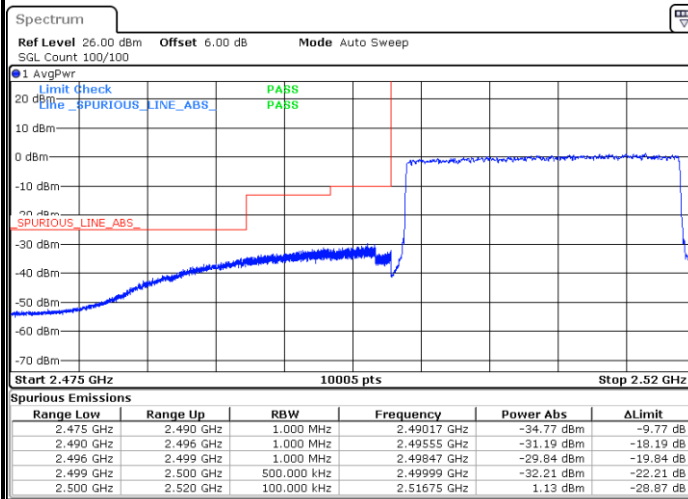
Lowest Band Edge / 1 RB



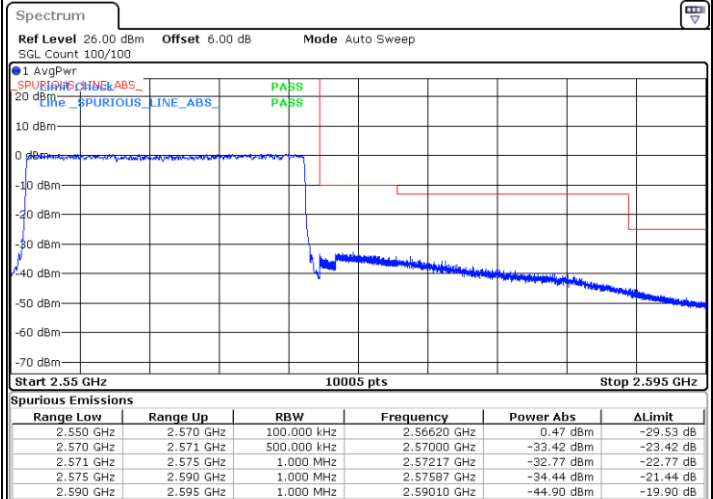
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



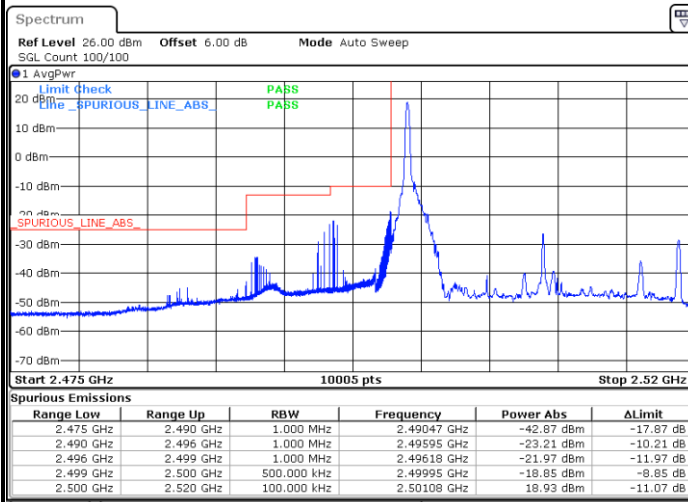
Highest Band Edge / Full RB



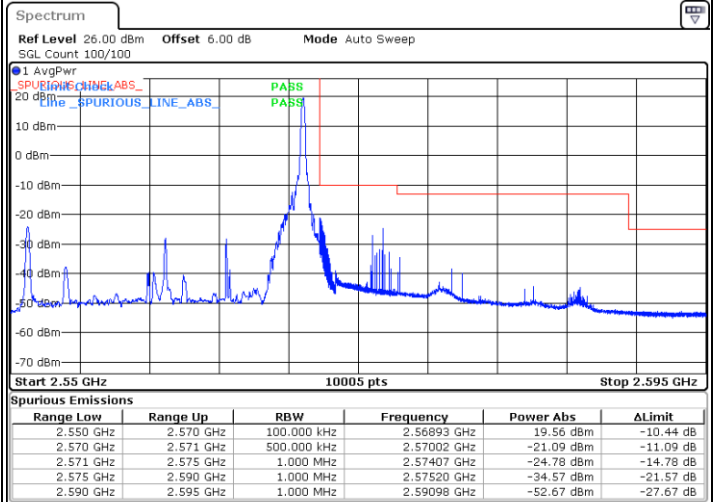


LTE Band 7 / 20MHz / 64QAM

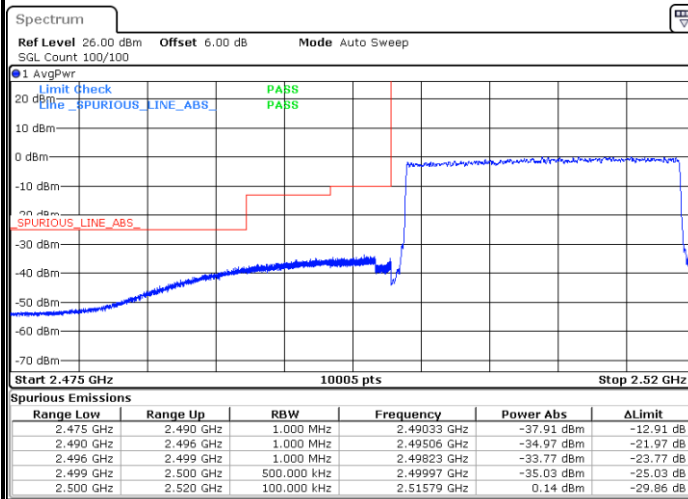
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

