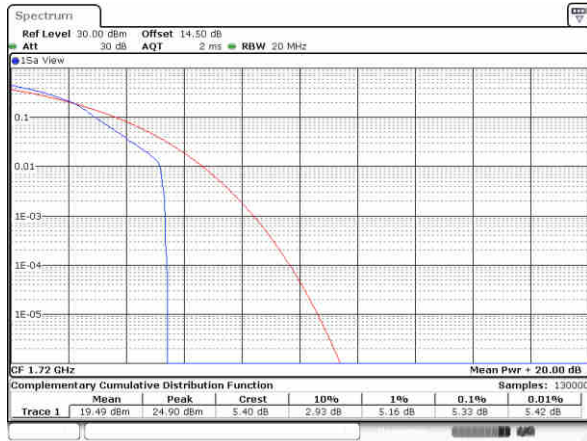


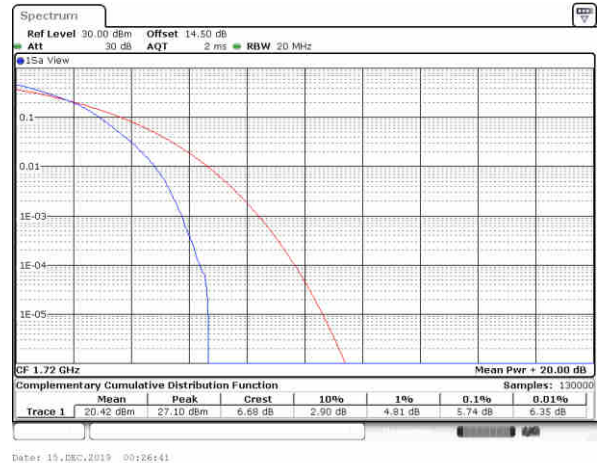


LTE Band 4 / 20MHz / 16QAM

Lowest Channel / 1RB



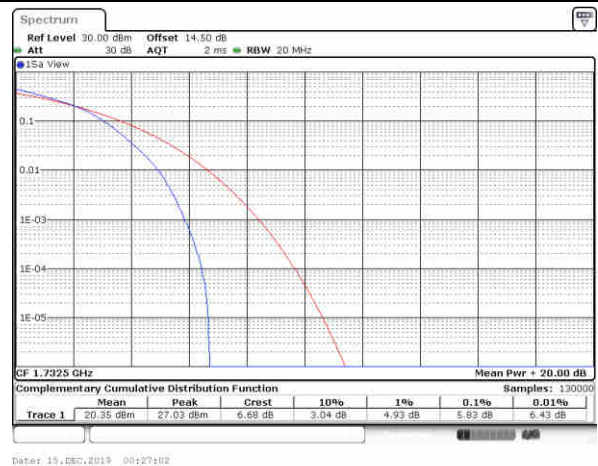
Lowest Channel / Full RB



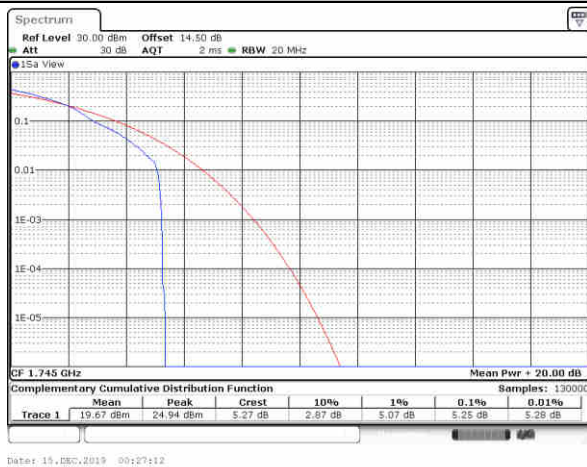
Middle Channel / 1RB



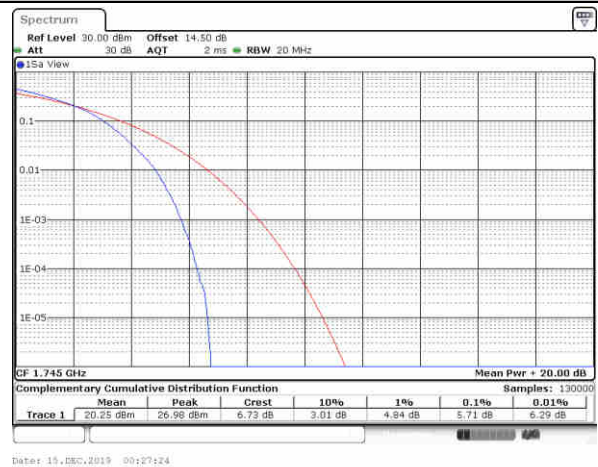
Middle Channel / Full RB



Highest Channel / 1RB



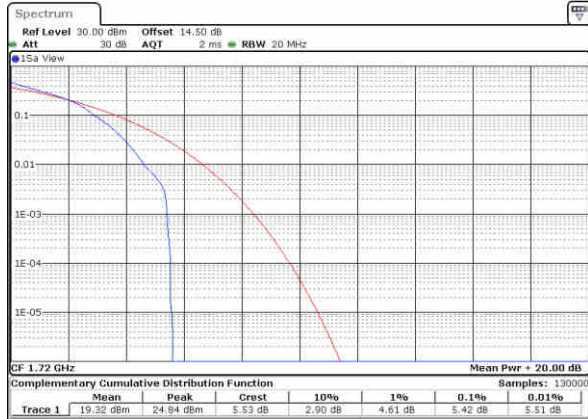
Highest Channel / Full RB



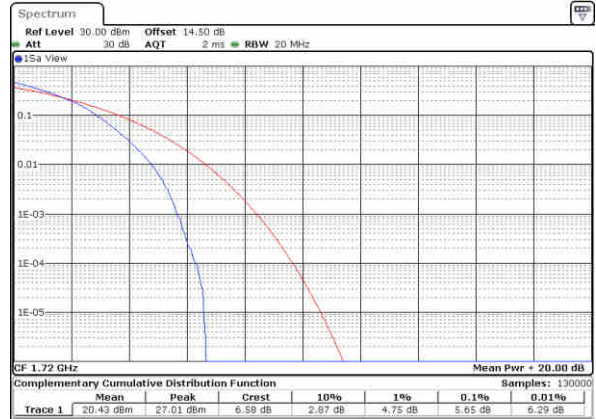


LTE Band 4 / 20MHz / 64QAM

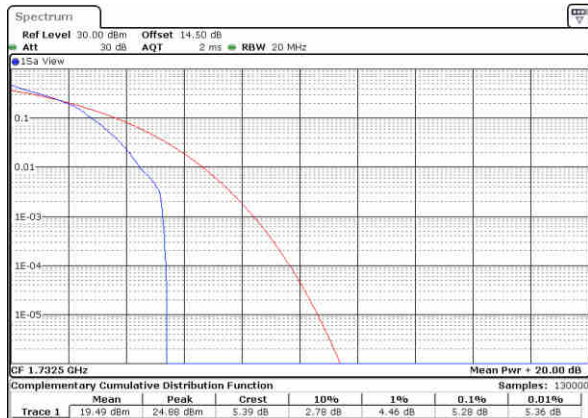
Lowest Channel / 1RB



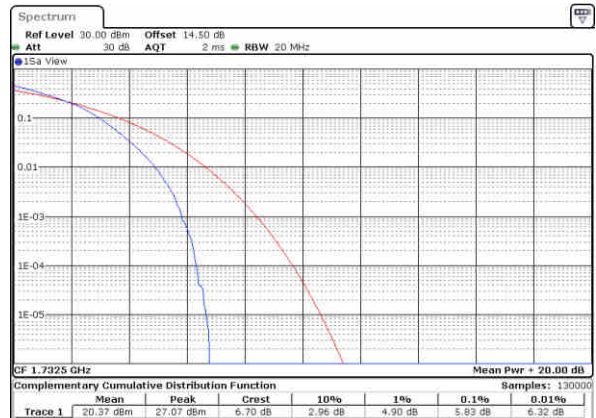
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



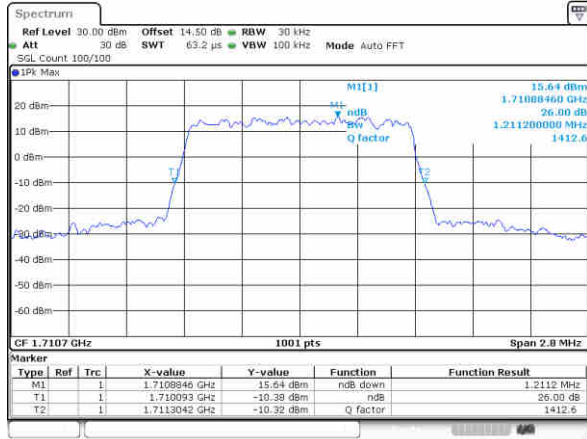
**26dB Bandwidth**

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.21	1.23	3.01	3.05	4.94	4.88	9.67	9.93	14.39	14.42	18.94	18.78
Middle CH	1.23	1.23	3.03	3.00	4.94	4.94	9.89	9.71	14.54	14.33	18.82	18.98
Highest CH	1.23	1.23	3.02	3.01	4.95	4.84	9.75	9.73	14.24	14.42	19.02	18.90
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	3.03	-	4.95	-	9.71	-	14.45	-	19.02	-
Middle CH	1.23	-	3.02	-	4.87	-	9.71	-	14.48	-	18.90	-
Highest CH	1.23	-	3.05	-	4.83	-	9.71	-	14.36	-	18.74	-

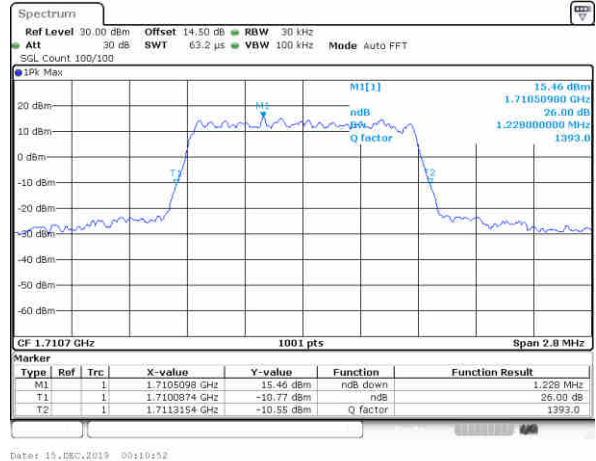


LTE Band 4

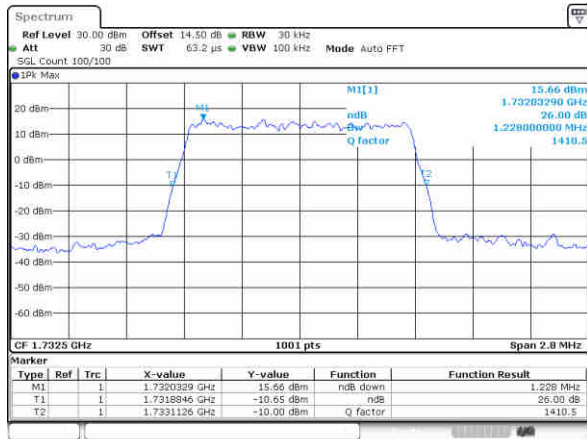
Lowest Channel / 1.4MHz / QPSK



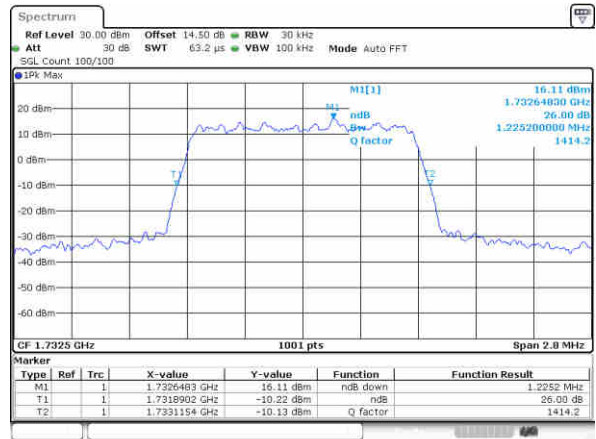
Lowest Channel / 1.4MHz / 16QAM



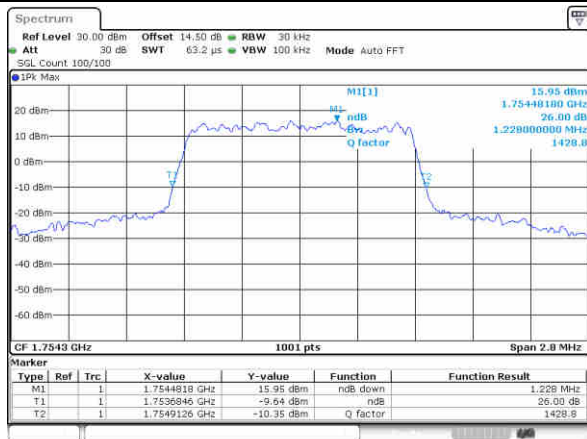
Middle Channel / 1.4MHz / QPSK



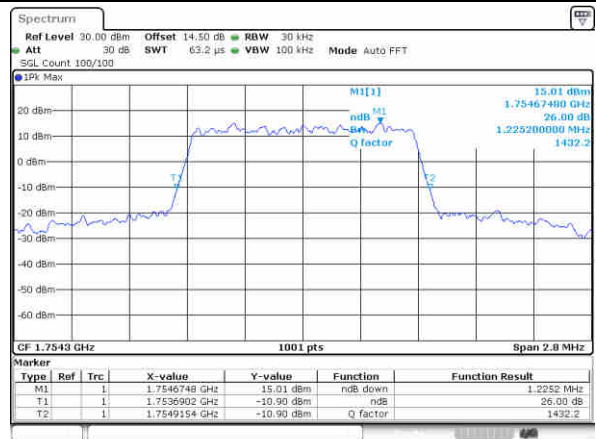
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



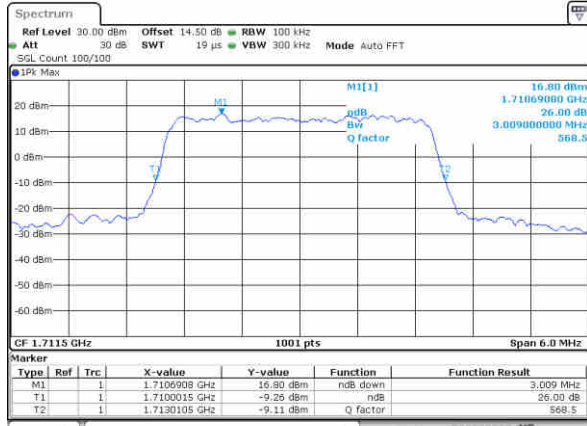
Highest Channel / 1.4MHz / 16QAM





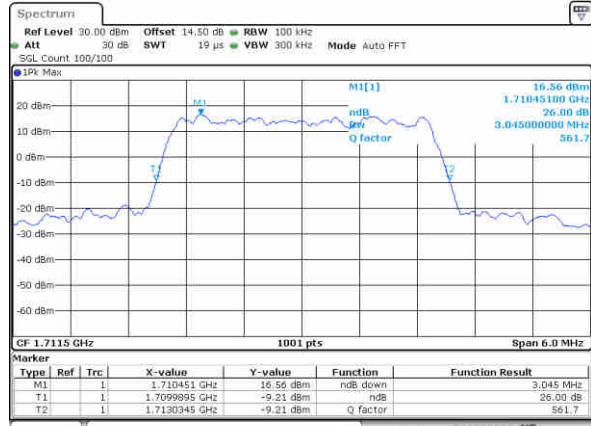
LTE Band 4

Lowest Channel / 3MHz / QPSK



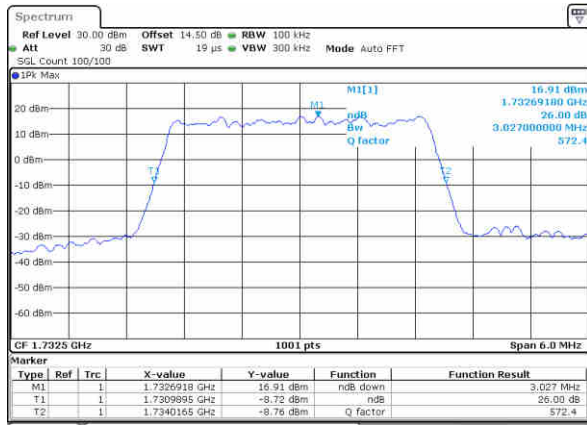
Date: 14, DEC, 2019 21:54:16

Lowest Channel / 3MHz / 16QAM



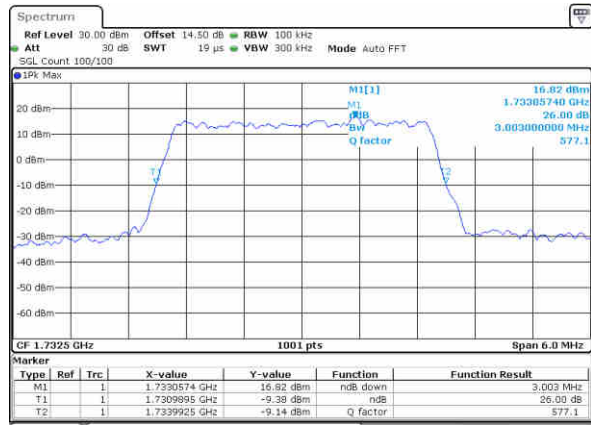
Date: 14, DEC, 2019 21:54:47

Middle Channel / 3MHz / QPSK



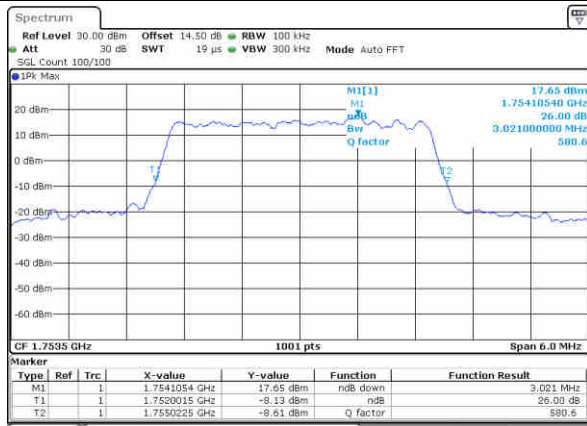
Date: 14, DEC, 2019 22:00:45

Middle Channel / 3MHz / 16QAM



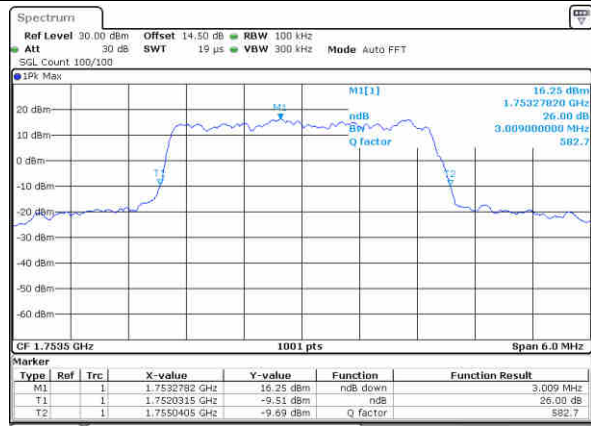
Date: 14, DEC, 2019 22:00:56

Highest Channel / 3MHz / QPSK



Date: 14, DEC, 2019 22:02:53

Highest Channel / 3MHz / 16QAM

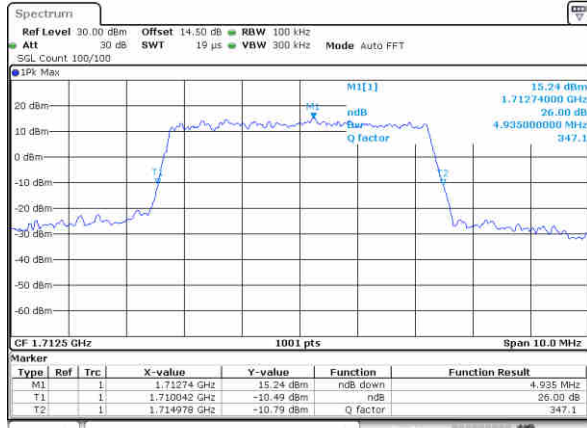


Date: 14, DEC, 2019 22:03:04

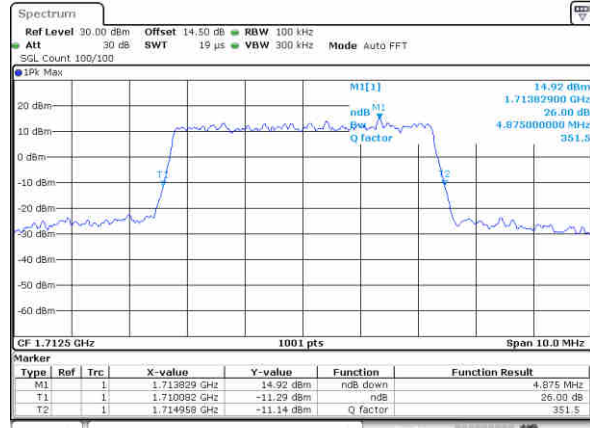


LTE Band 4

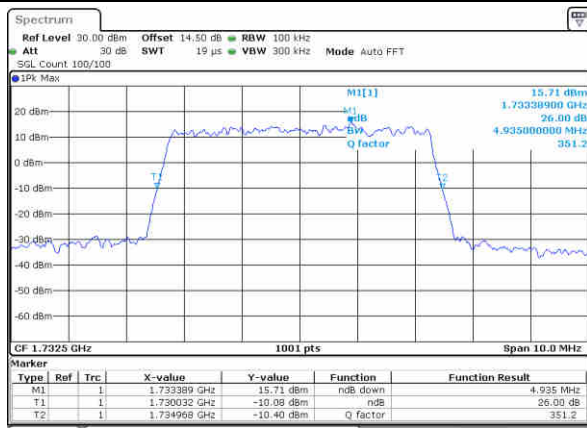
Lowest Channel / 5MHz / QPSK



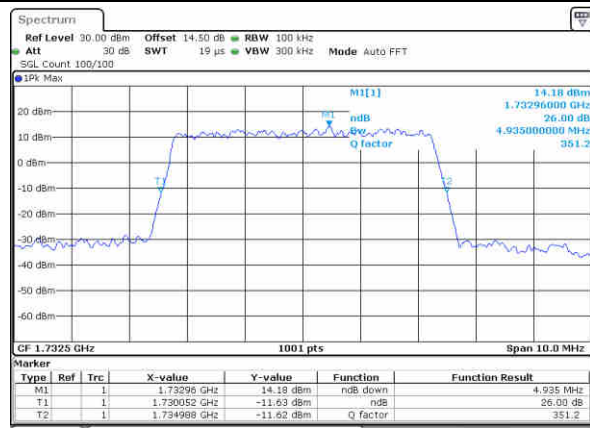
Lowest Channel / 5MHz / 16QAM



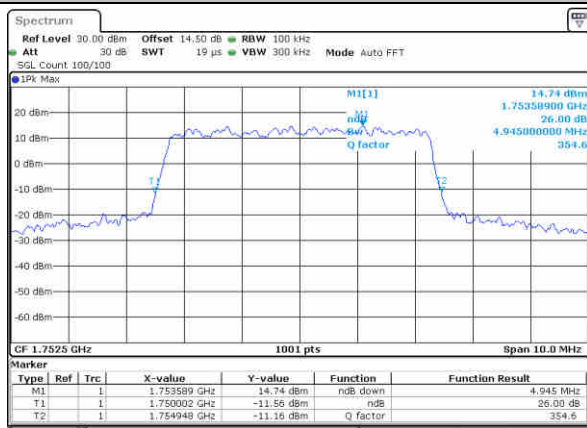
Middle Channel / 5MHz / QPSK



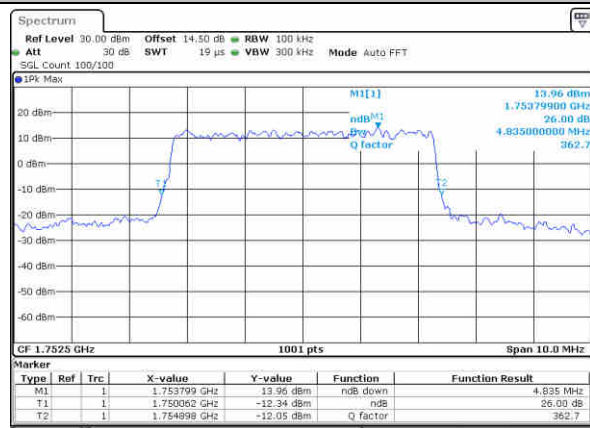
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



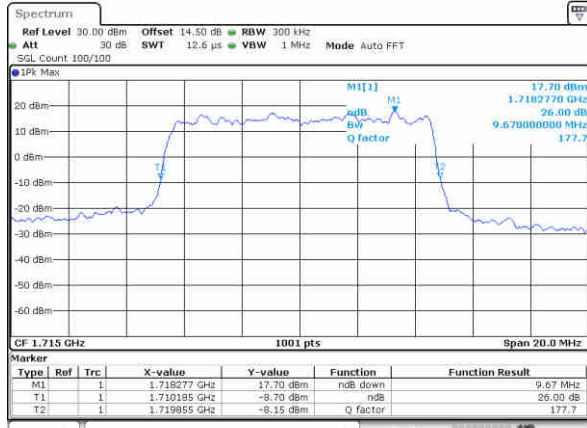
Highest Channel / 5MHz / 16QAM



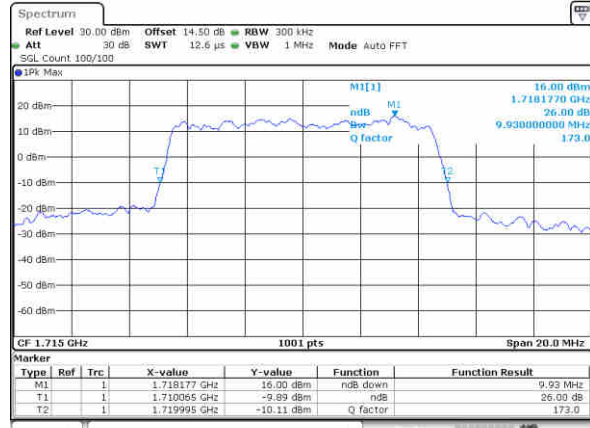


LTE Band 4

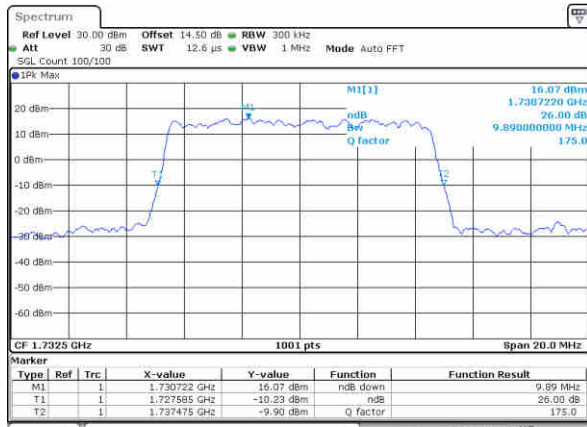
Lowest Channel / 10MHz / QPSK



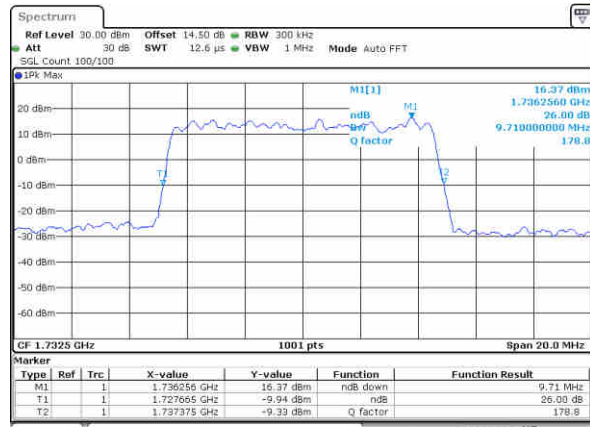
Lowest Channel / 10MHz / 16QAM



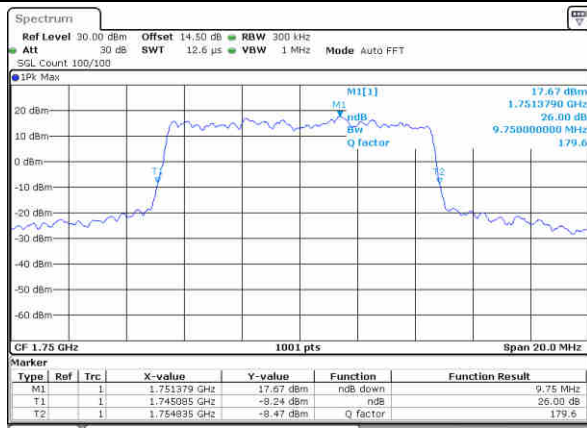
Middle Channel / 10MHz / QPSK



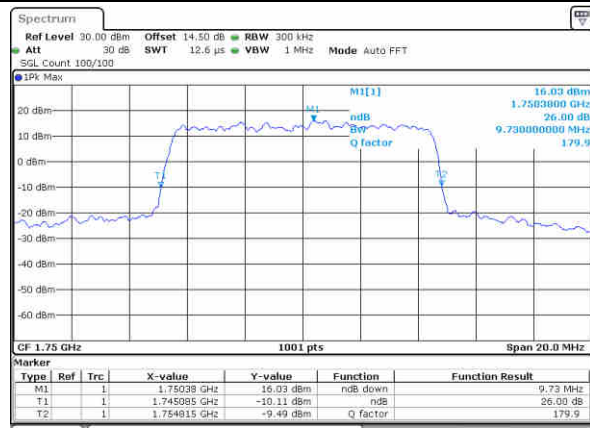
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



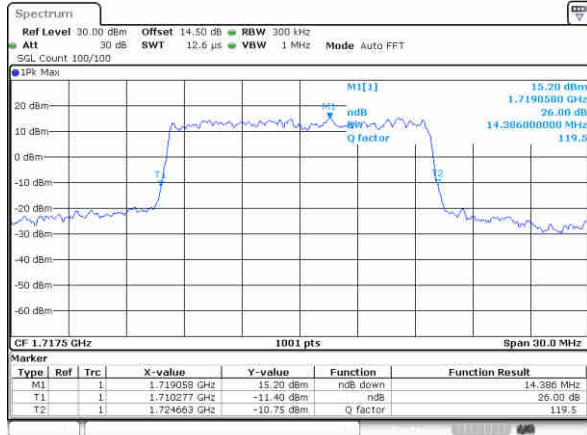
Highest Channel / 10MHz / 16QAM





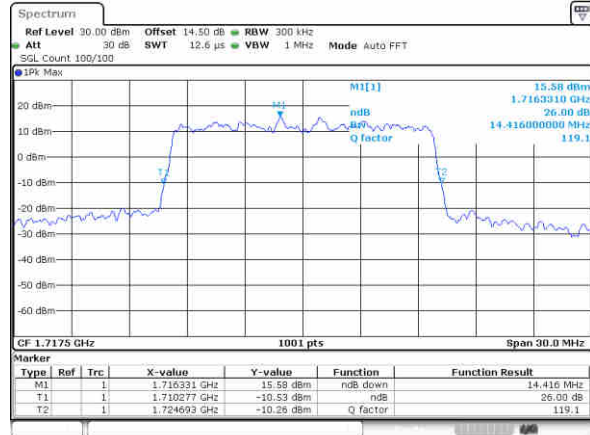
LTE Band 4

Lowest Channel / 15MHz / QPSK



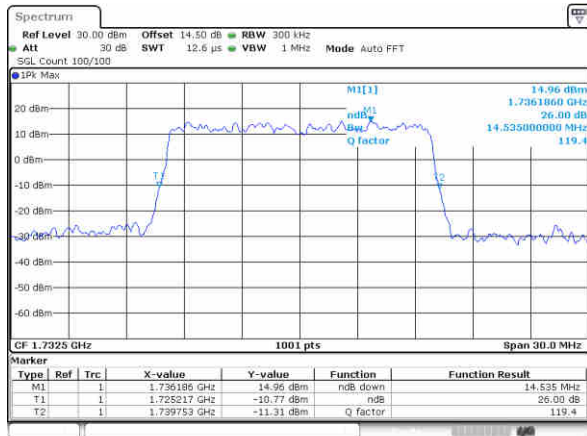
Date: 14, DEC, 2019 22:27:49

Lowest Channel / 15MHz / 16QAM



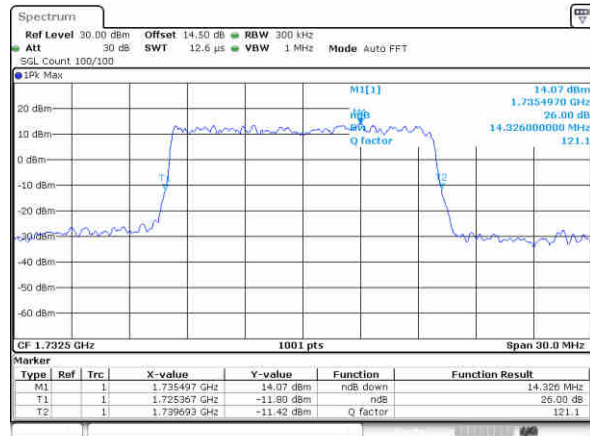
Date: 14, DEC, 2019 22:38:00

Middle Channel / 15MHz / QPSK



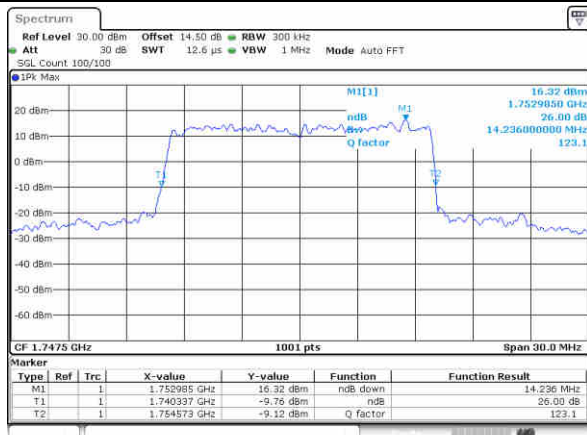
Date: 14, DEC, 2019 22:43:57

Middle Channel / 15MHz / 16QAM



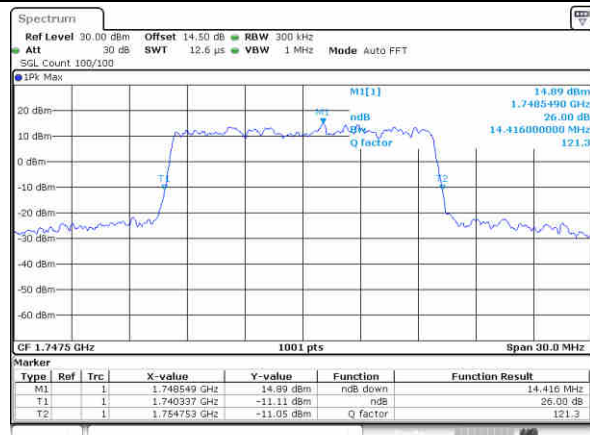
Date: 14, DEC, 2019 22:44:08

Highest Channel / 15MHz / QPSK



Date: 14, DEC, 2019 22:46:05

Highest Channel / 15MHz / 16QAM

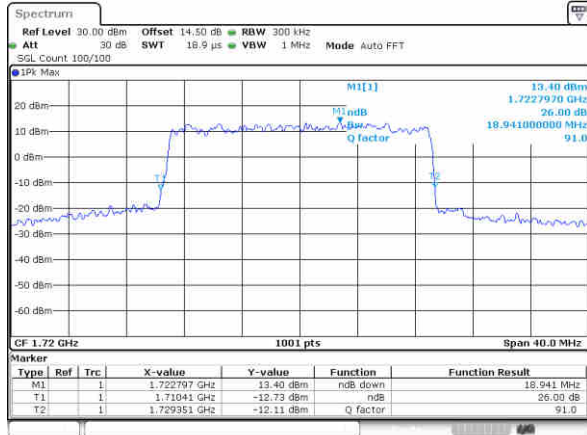


Date: 14, DEC, 2019 22:46:17

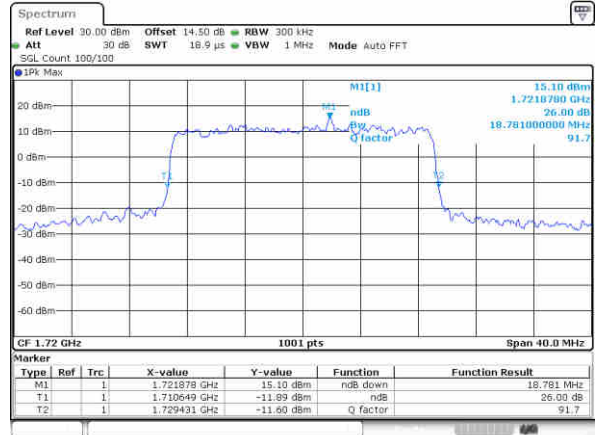


LTE Band 4

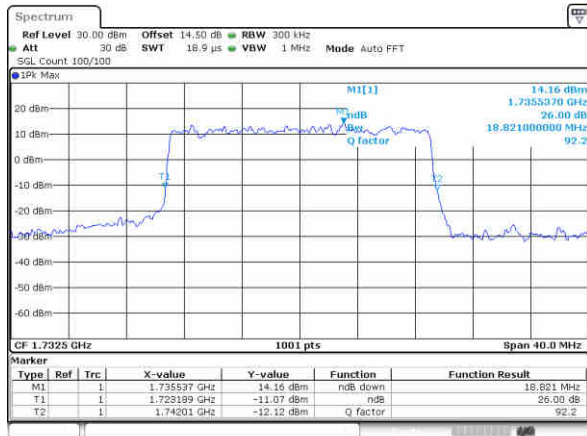
Lowest Channel / 20MHz / QPSK



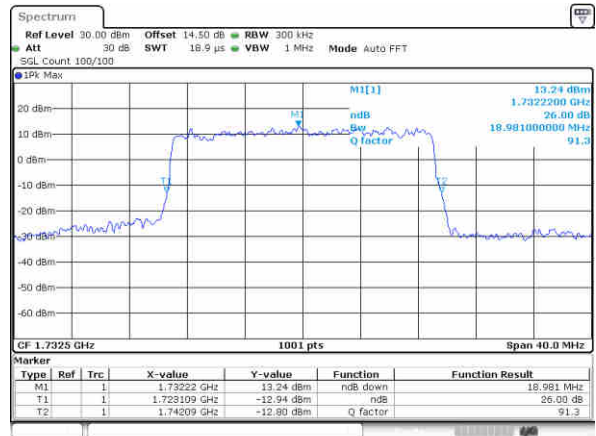
Lowest Channel / 20MHz / 16QAM



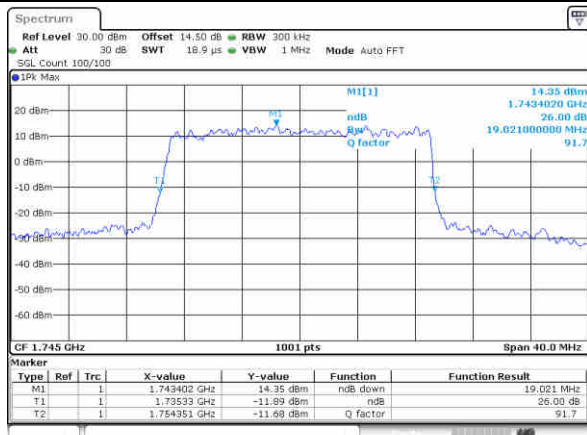
Middle Channel / 20MHz / QPSK



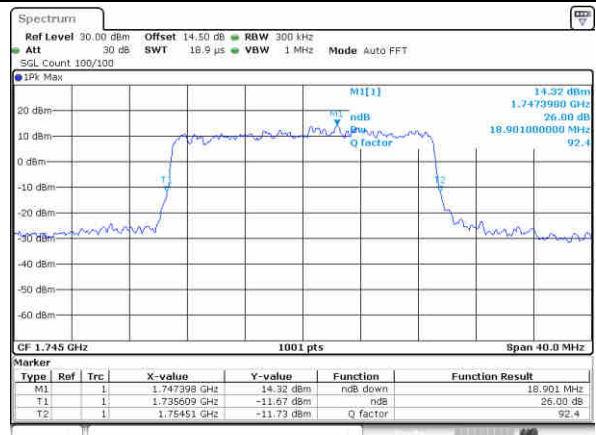
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



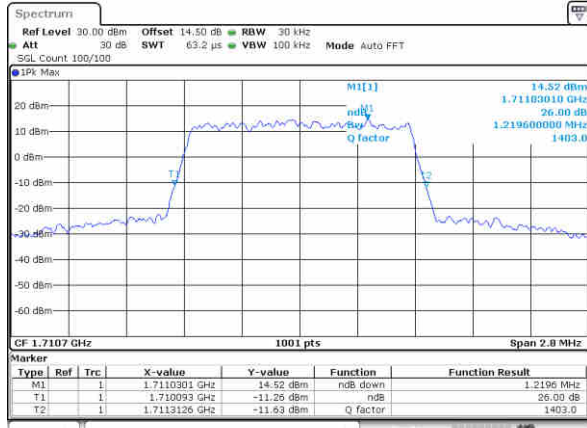
Highest Channel / 20MHz / 16QAM



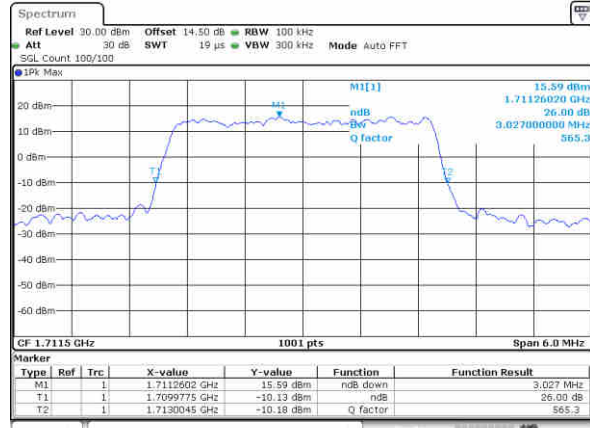


LTE Band 4

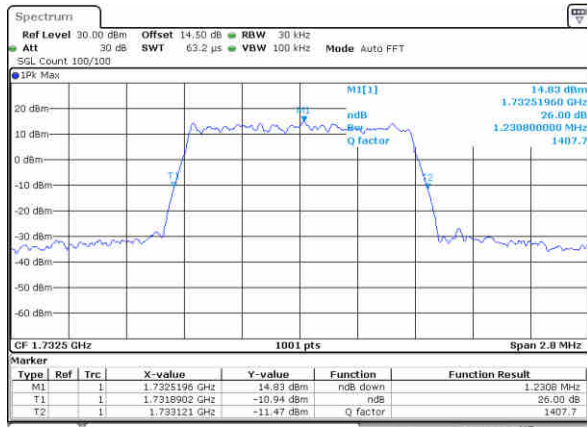
Lowest Channel / 1.4MHz / 64QAM



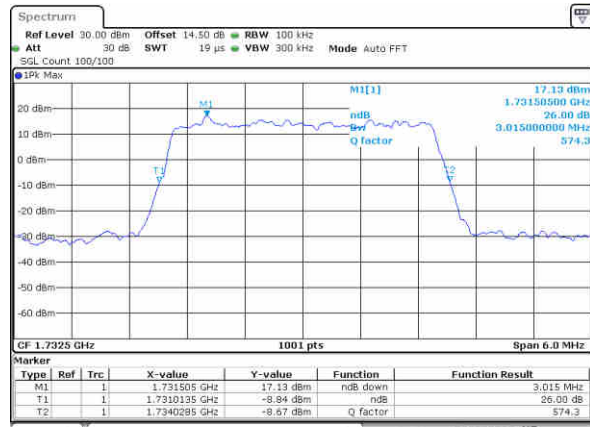
Lowest Channel / 3MHz / 64QAM



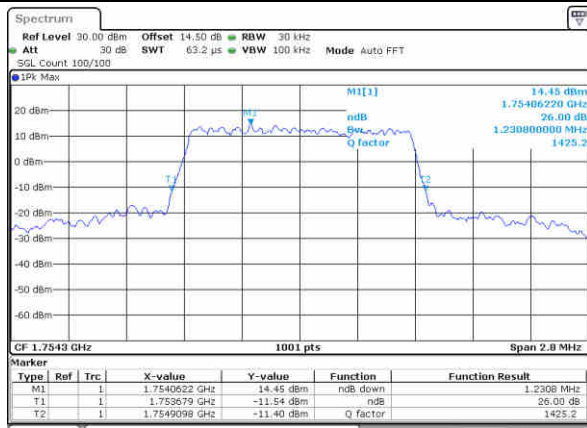
Middle Channel / 1.4MHz / 64QAM



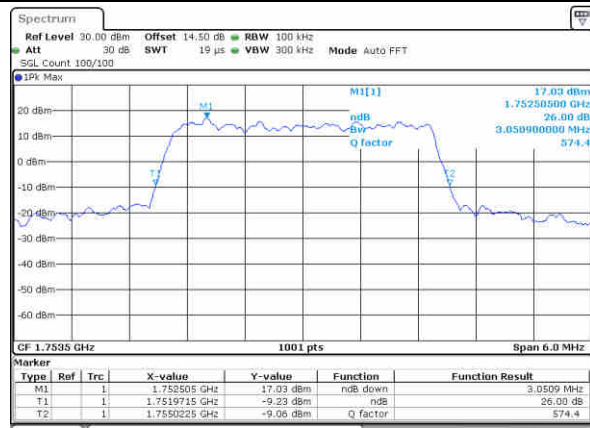
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



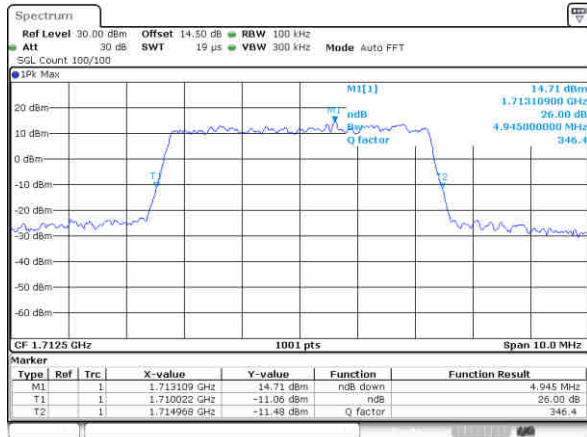
Highest Channel / 3MHz / 64QAM





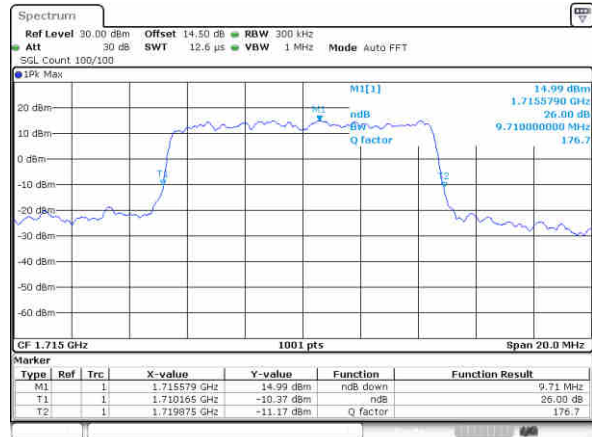
LTE Band 4

Lowest Channel / 5MHz / 64QAM



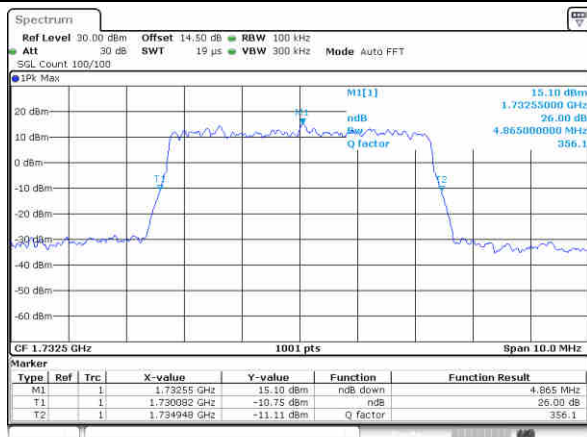
Date: 14, DEC, 2019 23:13:37

Lowest Channel / 10MHz / 64QAM



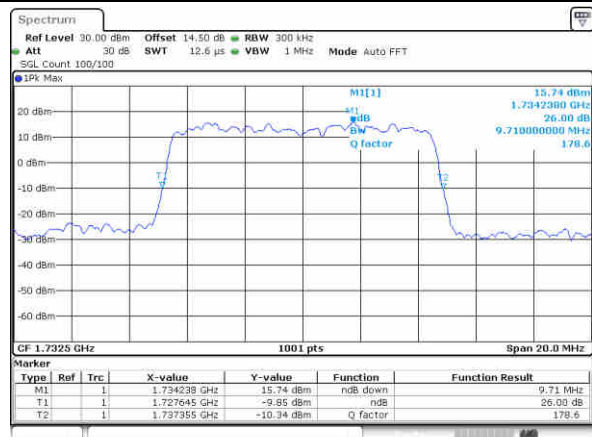
Date: 14, DEC, 2019 23:12:48

Middle Channel / 5MHz / 64QAM



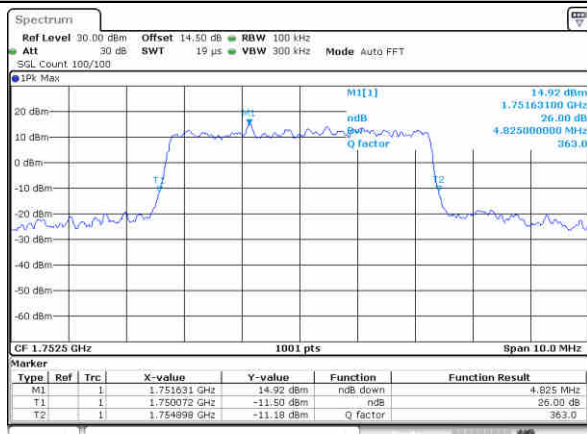
Date: 14, DEC, 2019 23:16:40

Middle Channel / 10MHz / 64QAM



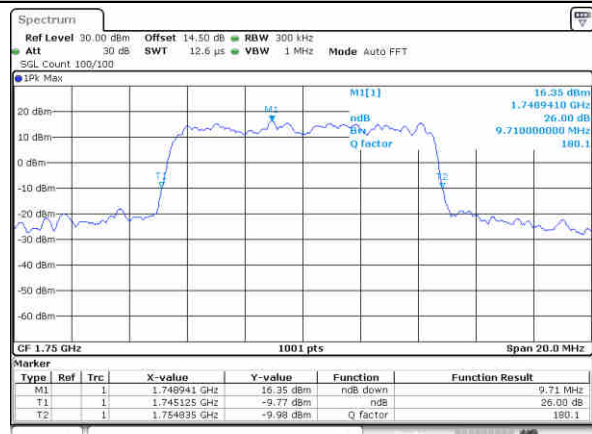
Date: 14, DEC, 2019 23:12:27

Highest Channel / 5MHz / 64QAM



Date: 14, DEC, 2019 23:17:44

Highest Channel / 10MHz / 64QAM

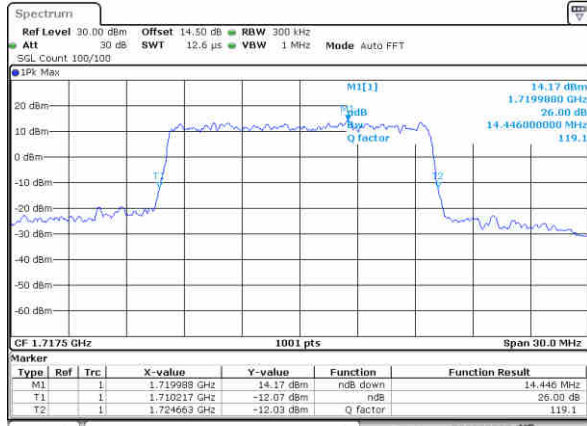


Date: 14, DEC, 2019 23:12:10



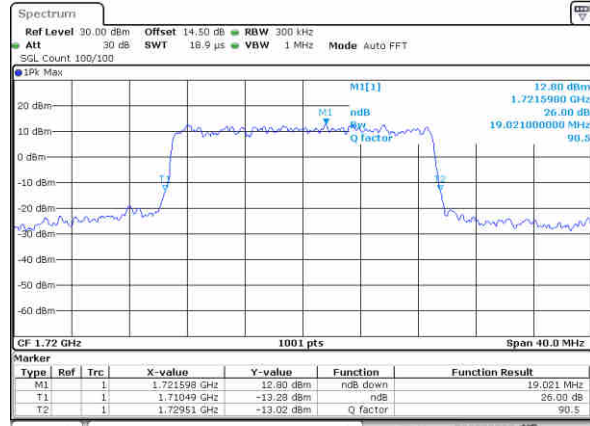
LTE Band 4

Lowest Channel / 15MHz / 64QAM



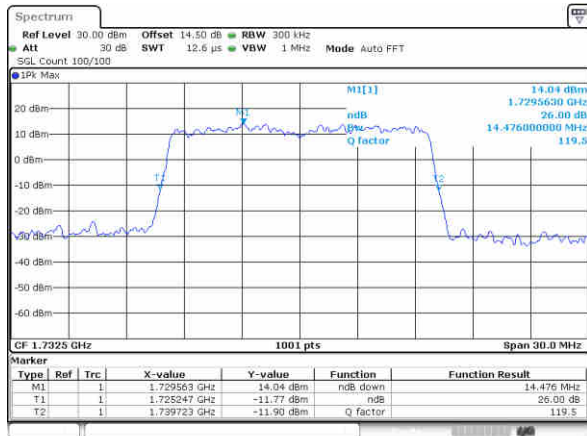
Date: 14, DEC, 2019 23:35:14

Lowest Channel / 20MHz / 64QAM



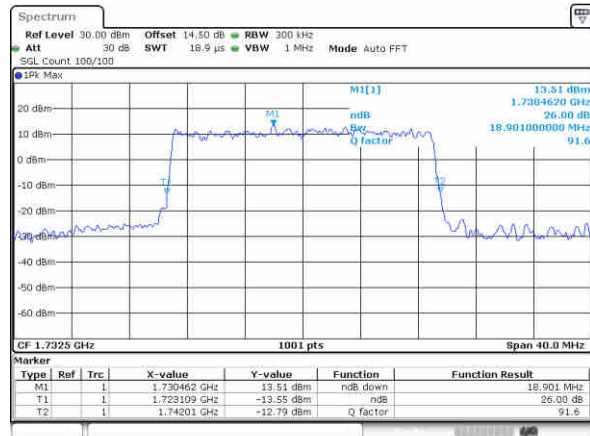
Date: 14, DEC, 2019 23:42:45

Middle Channel / 15MHz / 64QAM



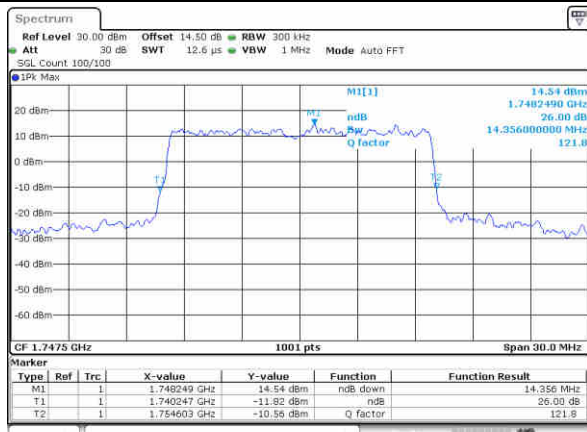
Date: 14, DEC, 2019 23:38:38

Middle Channel / 20MHz / 64QAM



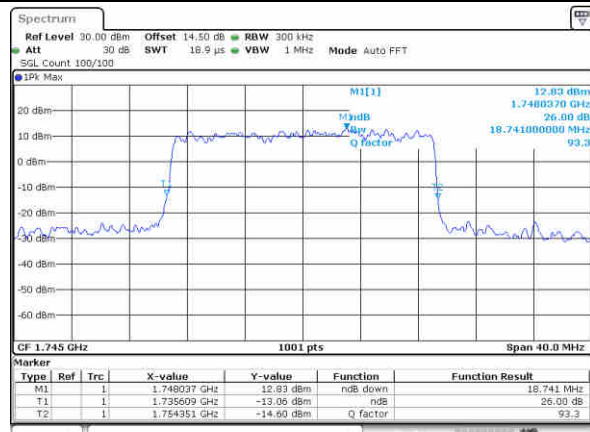
Date: 14, DEC, 2019 23:45:49

Highest Channel / 15MHz / 64QAM



Date: 14, DEC, 2019 23:39:42

Highest Channel / 20MHz / 64QAM



Date: 14, DEC, 2019 23:46:53

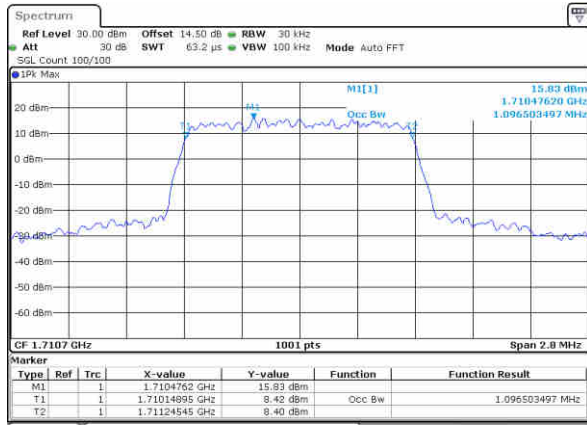
**Occupied Bandwidth**

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.72	2.72	4.48	4.51	8.99	8.95	13.40	13.49	17.86	17.90
Middle CH	1.09	1.09	2.72	2.75	4.49	4.50	8.99	8.97	13.40	13.49	17.86	17.82
Highest CH	1.09	1.09	2.73	2.71	4.48	4.49	9.03	9.01	13.49	13.40	17.82	17.82
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	8.95	-	13.49	-	17.86	-
Middle CH	1.09	-	2.73	-	4.48	-	8.99	-	13.43	-	17.86	-
Highest CH	1.09	-	2.74	-	4.49	-	8.99	-	13.40	-	17.94	-

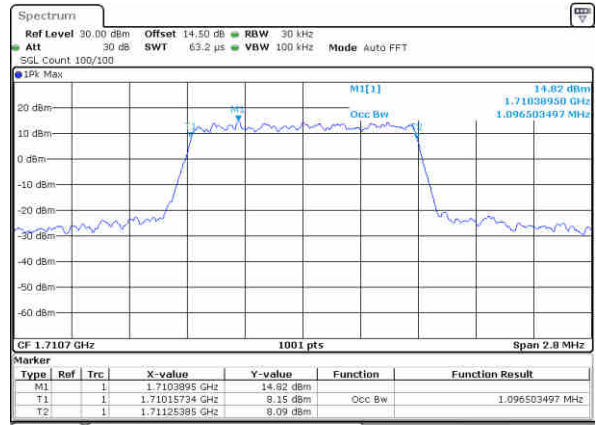


LTE Band 4

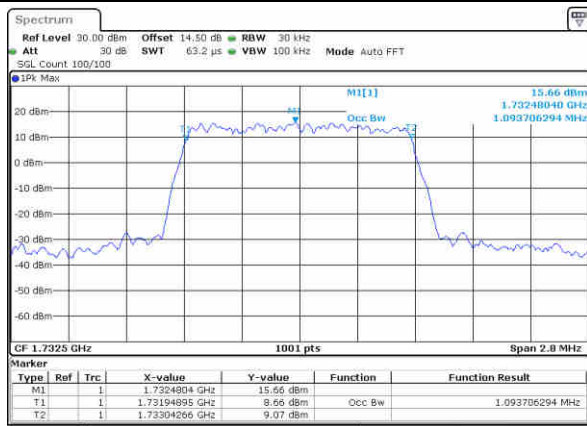
Lowest Channel / 1.4MHz / QPSK



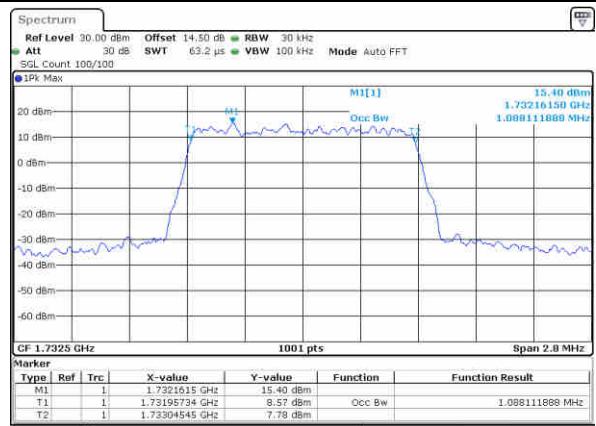
Lowest Channel / 1.4MHz / 16QAM



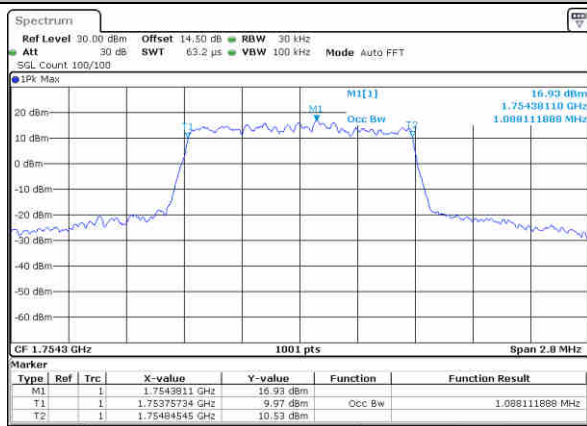
Middle Channel / 1.4MHz / QPSK



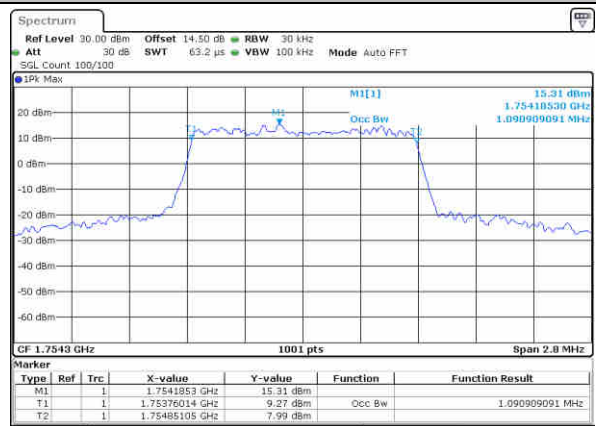
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



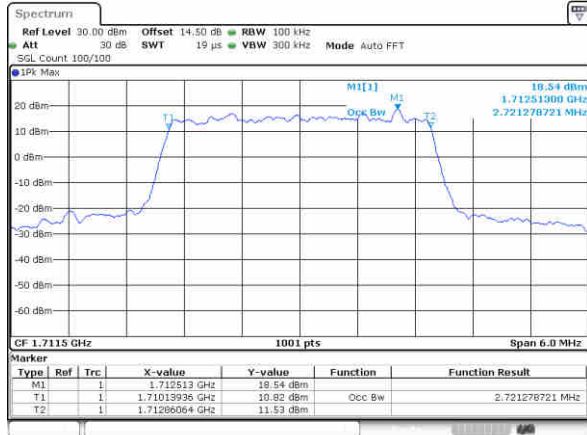
Highest Channel / 1.4MHz / 16QAM



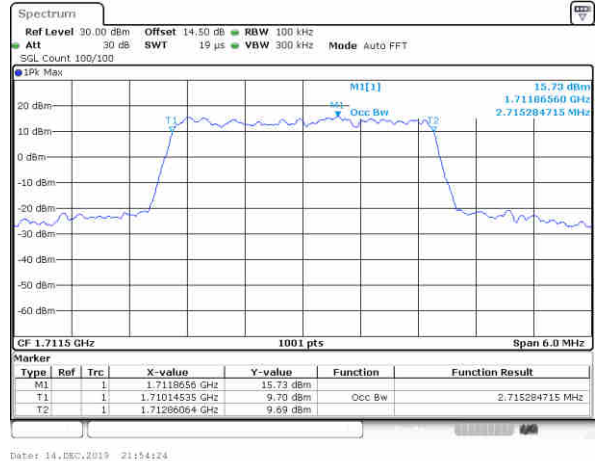


LTE Band 4

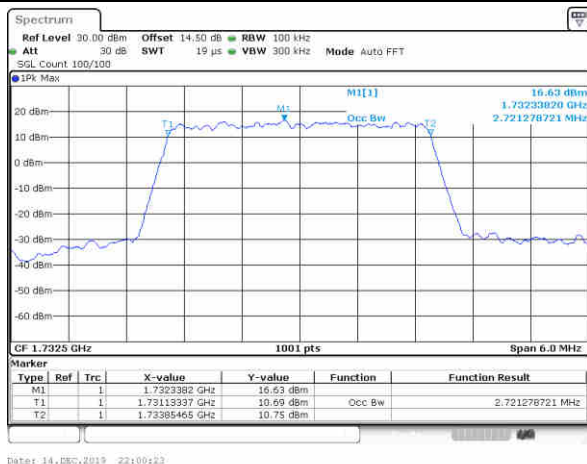
Lowest Channel / 3MHz / QPSK



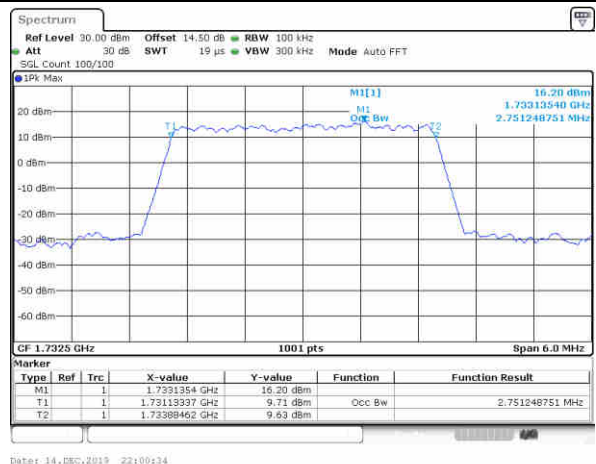
Lowest Channel / 3MHz / 16QAM



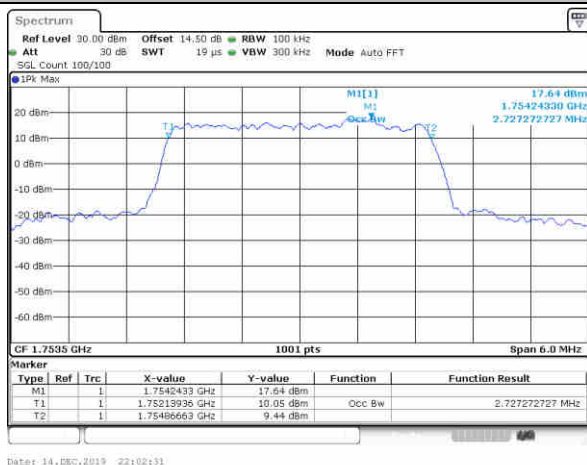
Middle Channel / 3MHz / QPSK



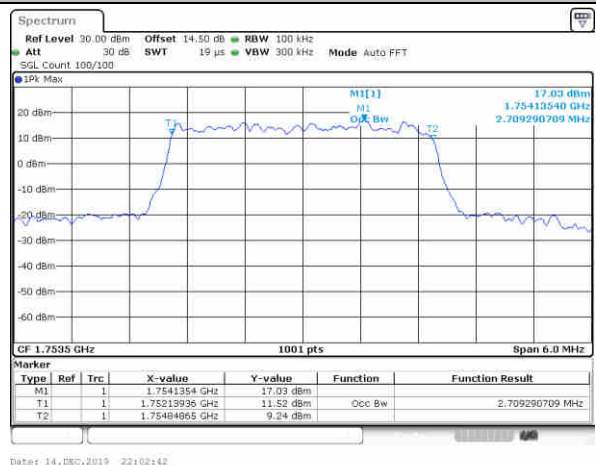
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



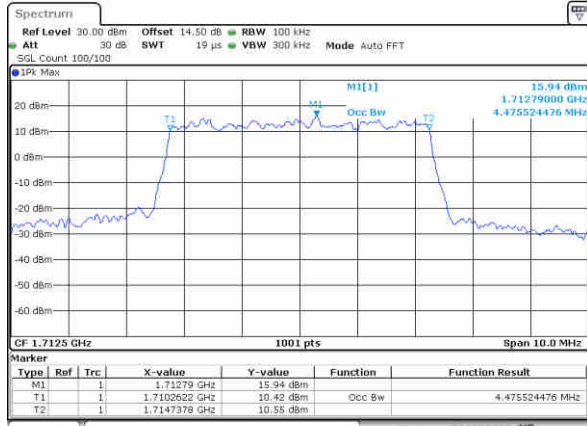
Highest Channel / 3MHz / 16QAM





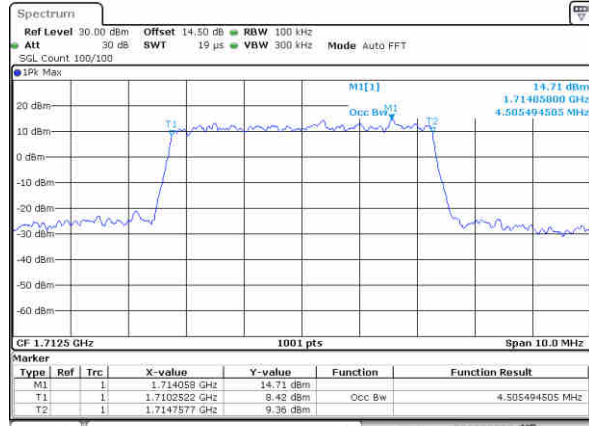
LTE Band 4

Lowest Channel / 5MHz / QPSK



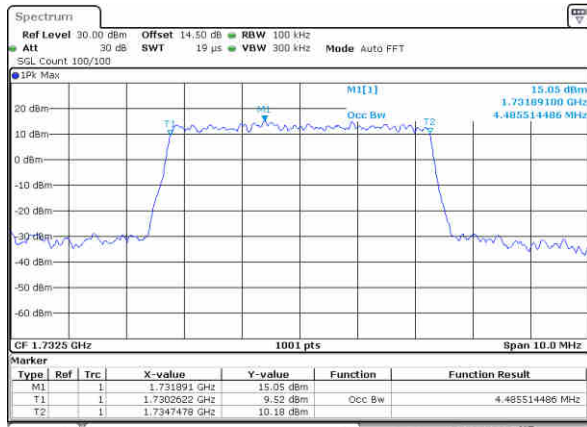
Date: 14, DEC, 2019 22:08:39

Lowest Channel / 5MHz / 16QAM



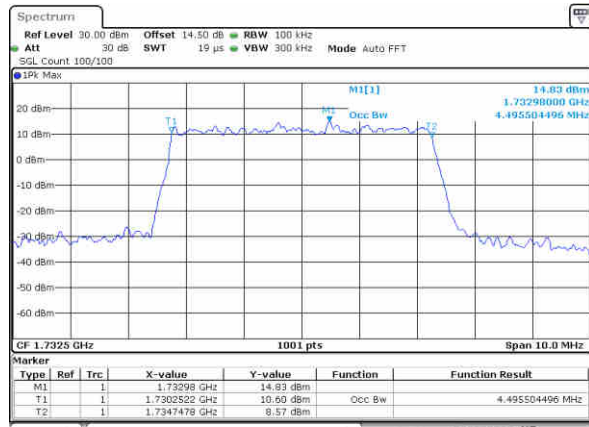
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Middle Channel / 5MHz / QPSK



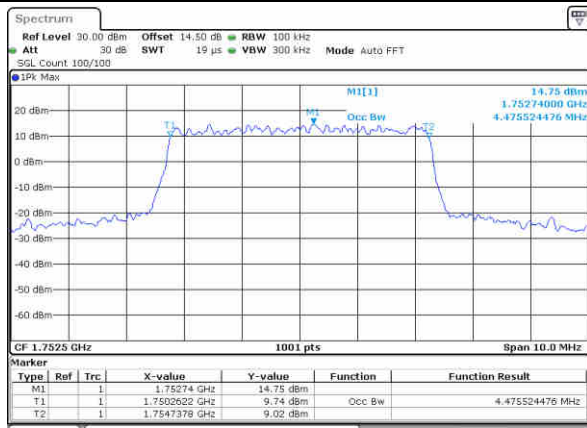
Date: 14, DEC, 2019 22:14:47

Middle Channel / 5MHz / 16QAM



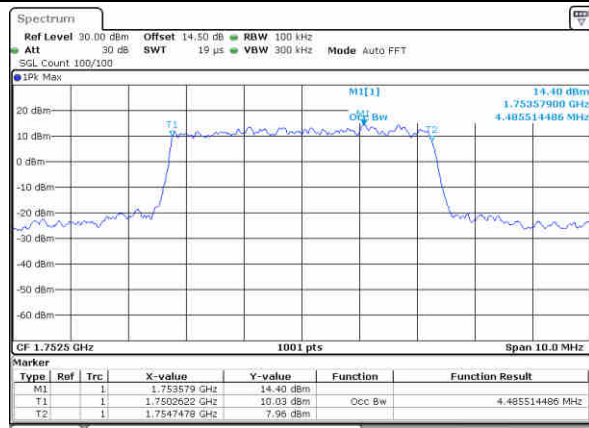
Date: 14, DEC, 2019 22:14:58

Highest Channel / 5MHz / QPSK



Date: 14, DEC, 2019 22:16:55

Highest Channel / 5MHz / 16QAM

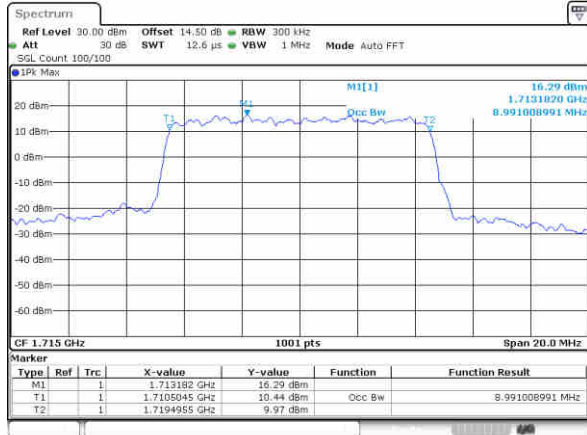


Date: 14, DEC, 2019 22:17:06



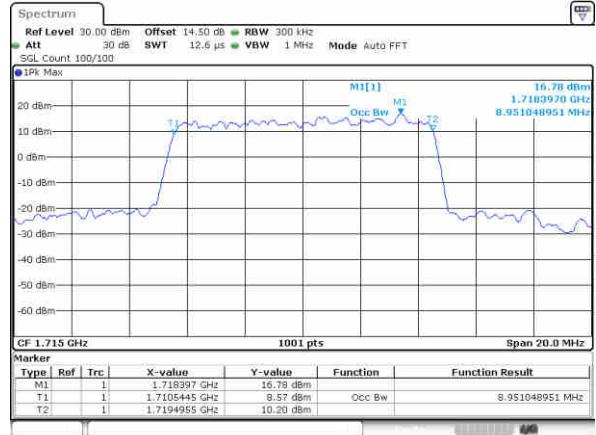
LTE Band 4

Lowest Channel / 10MHz / QPSK



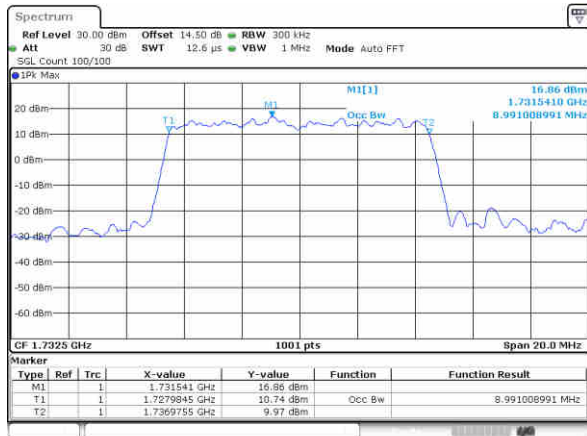
Date: 14, DEC, 2019 22:23:03

Lowest Channel / 10MHz / 16QAM



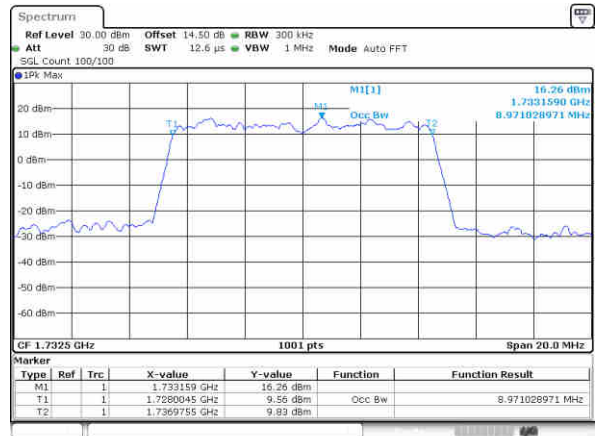
Date: 14, DEC, 2019 22:23:15

Middle Channel / 10MHz / QPSK



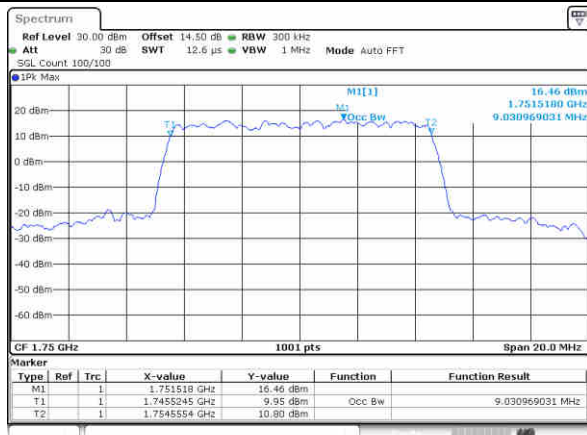
Date: 14, DEC, 2019 22:23:11

Middle Channel / 10MHz / 16QAM



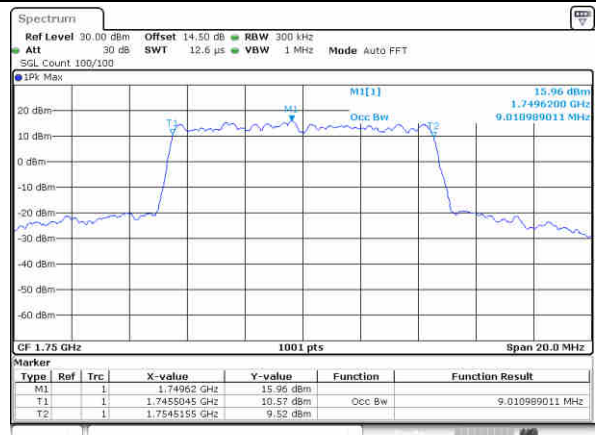
Date: 14, DEC, 2019 22:23:22

Highest Channel / 10MHz / QPSK



Date: 14, DEC, 2019 22:31:19

Highest Channel / 10MHz / 16QAM

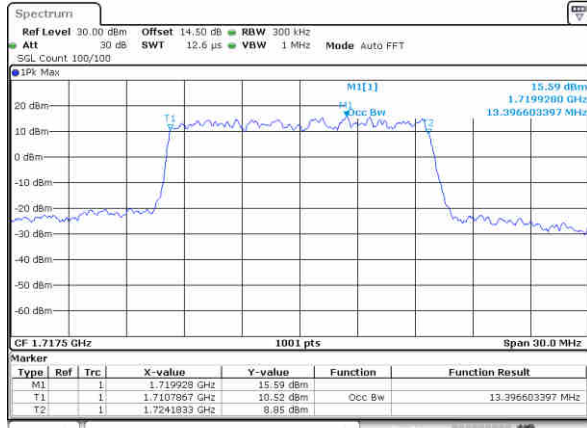


Date: 14, DEC, 2019 22:31:30

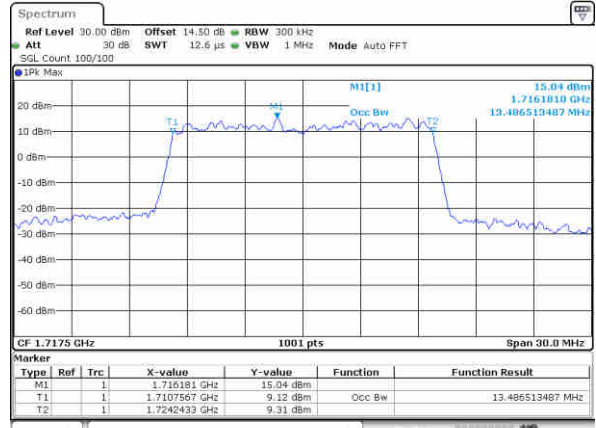


LTE Band 4

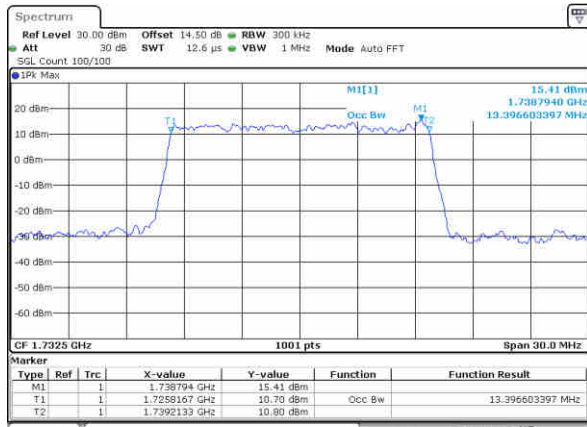
Lowest Channel / 15MHz / QPSK



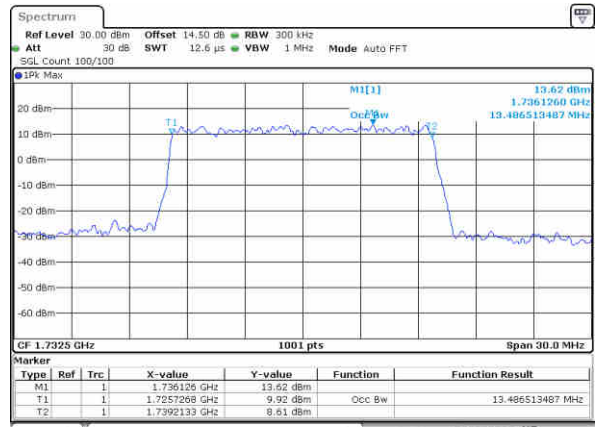
Lowest Channel / 15MHz / 16QAM



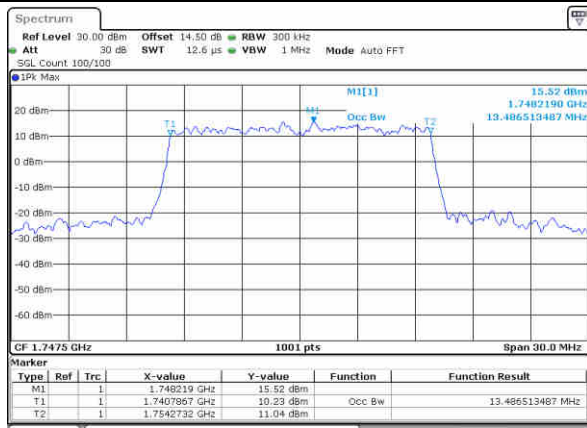
Middle Channel / 15MHz / QPSK



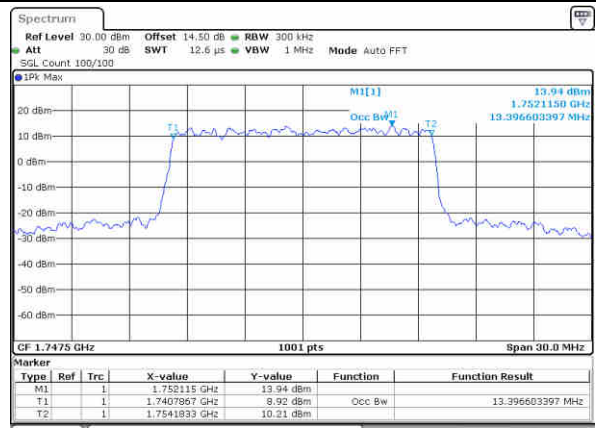
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



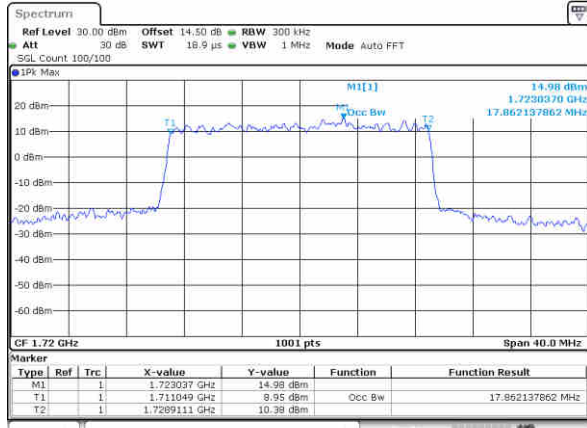
Highest Channel / 15MHz / 16QAM





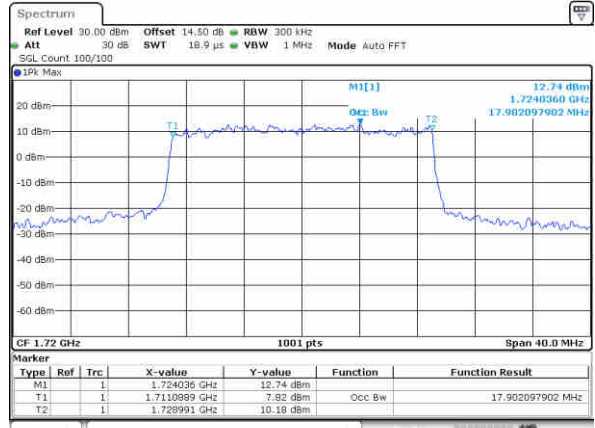
LTE Band 4

Lowest Channel / 20MHz / QPSK



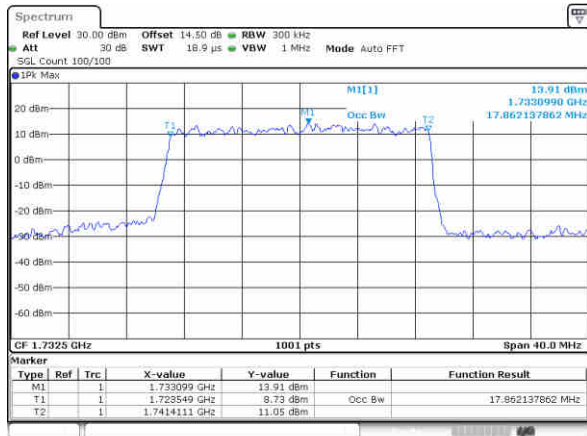
Date: 14, DEC, 2019 22:51:51

Lowest Channel / 20MHz / 16QAM



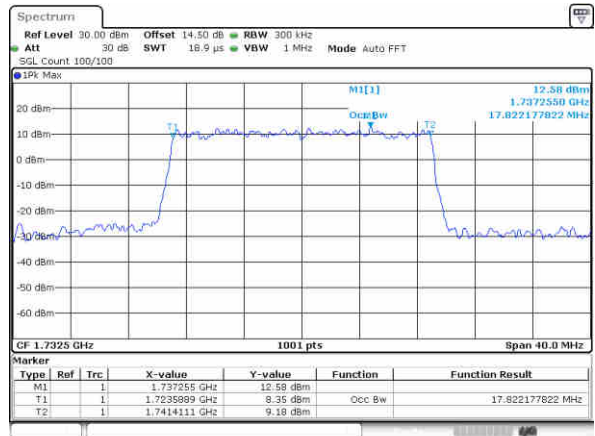
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Middle Channel / 20MHz / QPSK



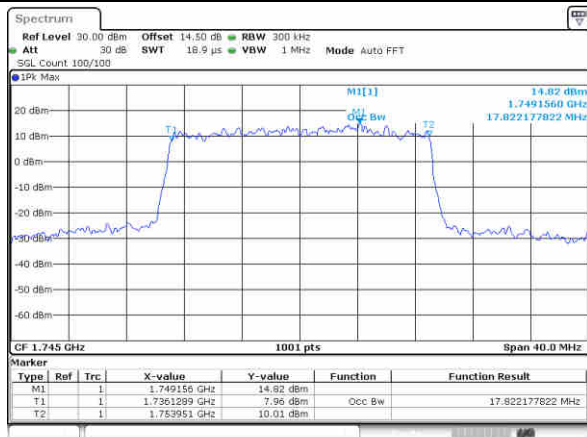
Date: 14, DEC, 2019 22:55:08

Middle Channel / 20MHz / 16QAM



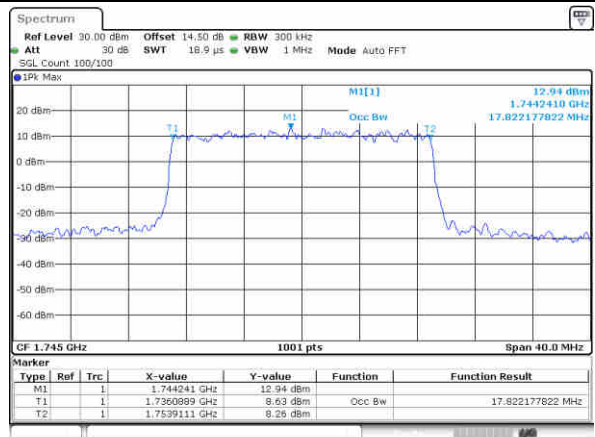
Date: 14, DEC, 2019 22:56:09

Highest Channel / 20MHz / QPSK



Date: 14, DEC, 2019 23:00:06

Highest Channel / 20MHz / 16QAM

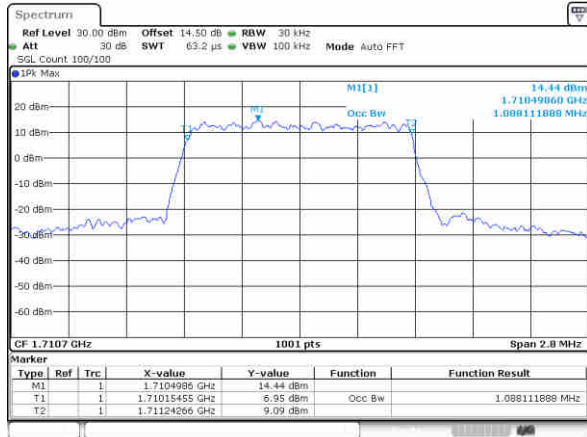


Date: 14, DEC, 2019 23:00:17

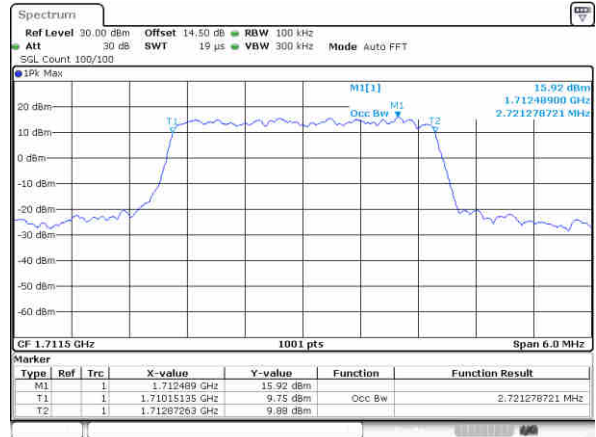


LTE Band 4

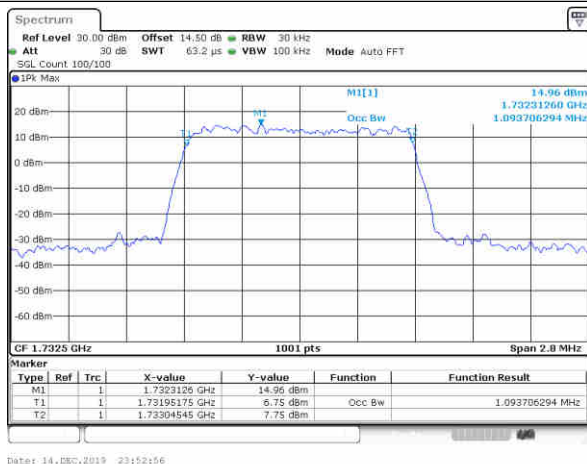
Lowest Channel / 1.4MHz / 64QAM



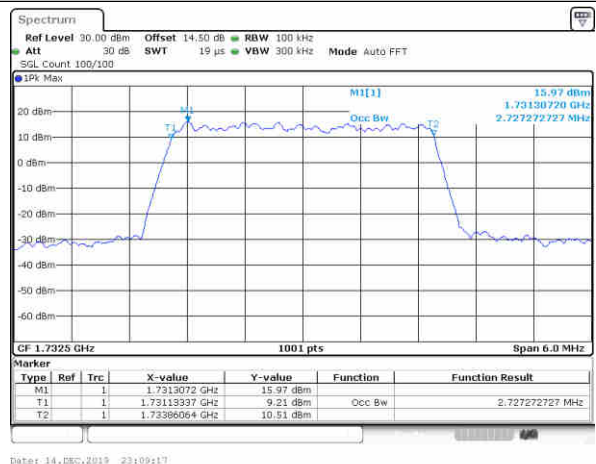
Lowest Channel / 3MHz / 64QAM



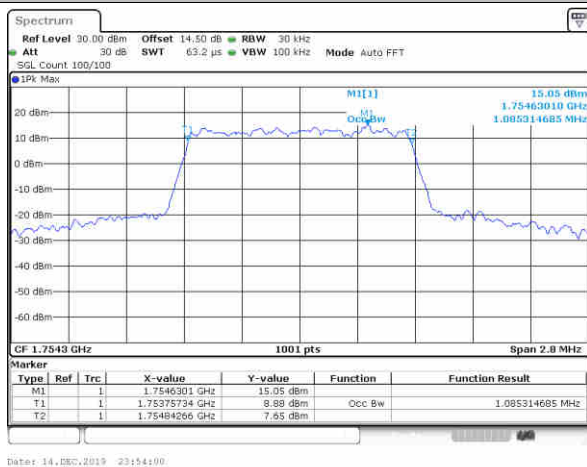
Middle Channel / 1.4MHz / 64QAM



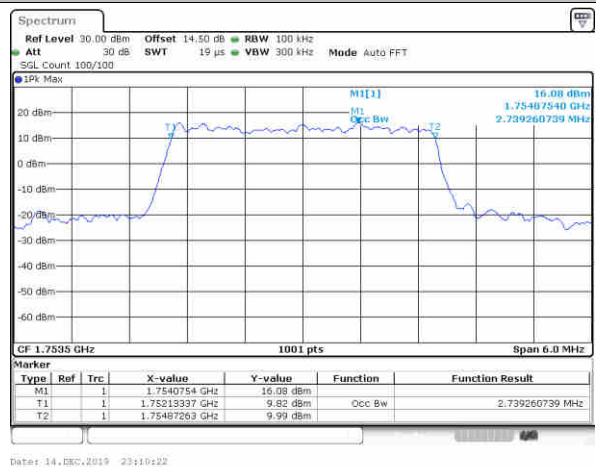
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



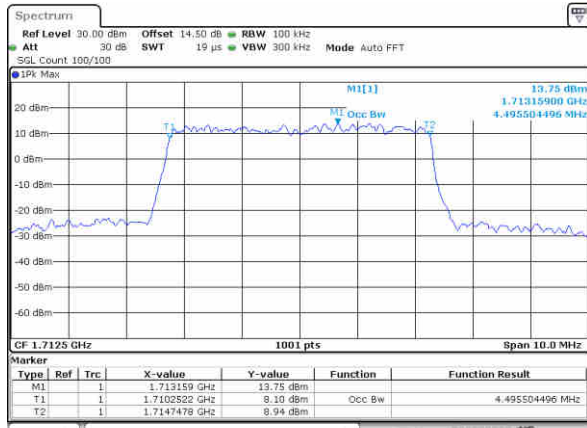
Highest Channel / 3MHz / 64QAM



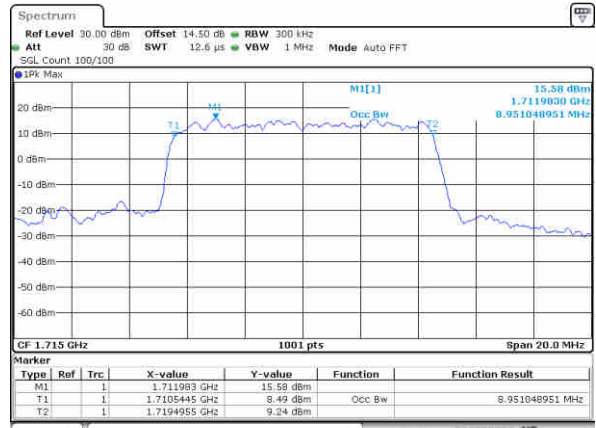


LTE Band 4

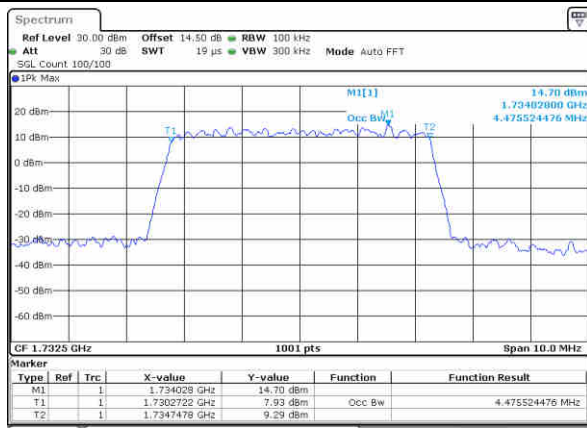
Lowest Channel / 5MHz / 64QAM



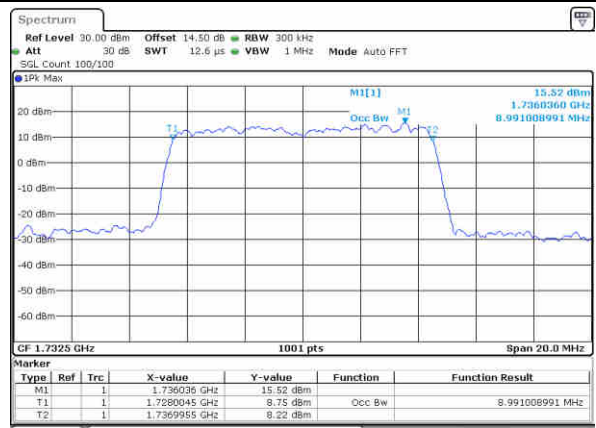
Lowest Channel / 10MHz / 64QAM



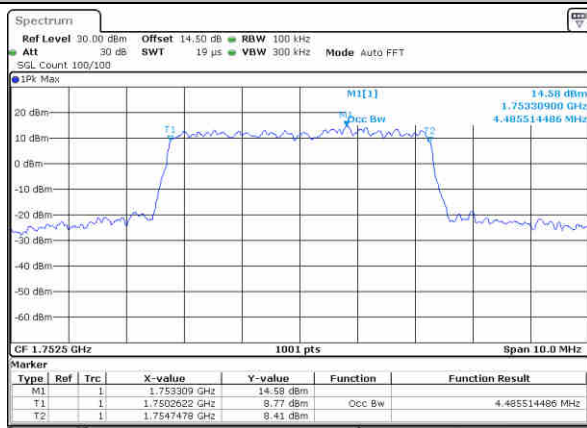
Middle Channel / 5MHz / 64QAM



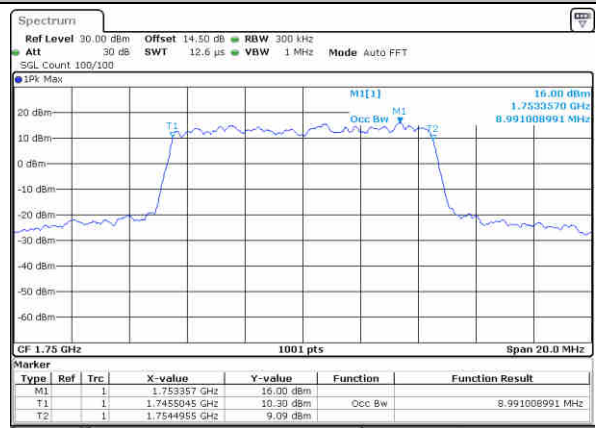
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



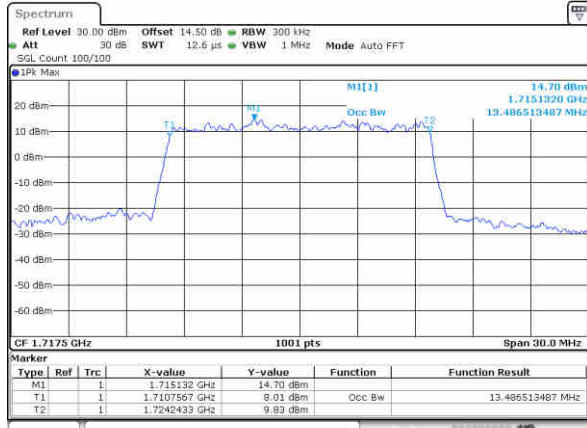
Highest Channel / 10MHz / 64QAM





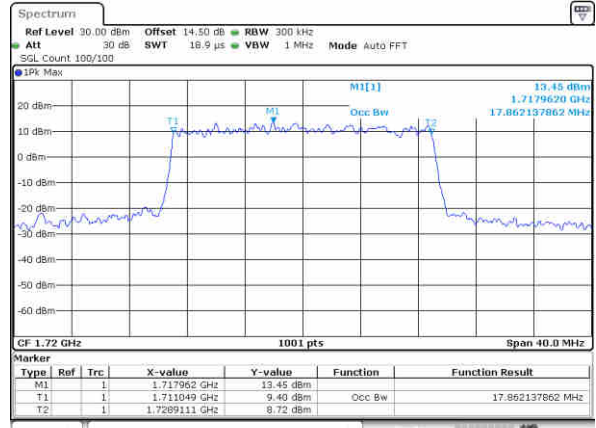
LTE Band 4

Lowest Channel / 15MHz / 64QAM



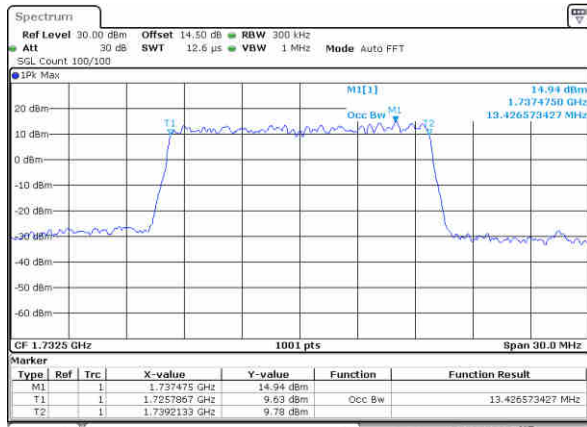
Date: 14, DEC, 2019 23:35:23

Lowest Channel / 20MHz / 64QAM



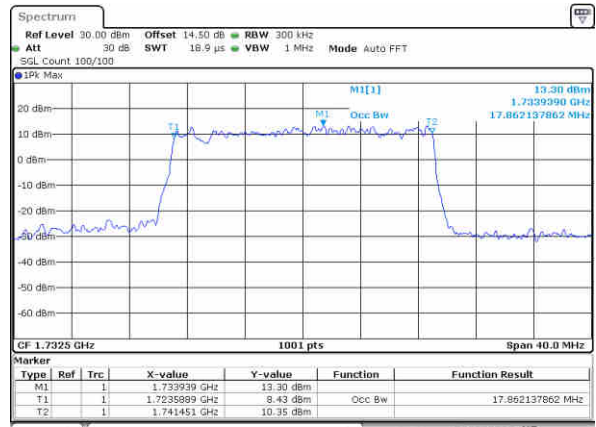
Date: 14, DEC, 2019 23:42:34

Middle Channel / 15MHz / 64QAM



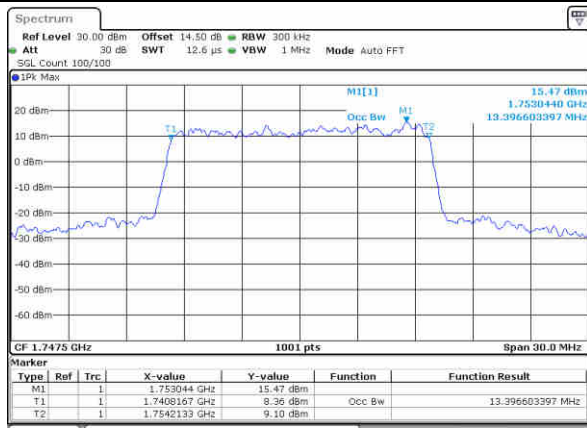
Date: 14, DEC, 2019 23:38:27

Middle Channel / 20MHz / 64QAM



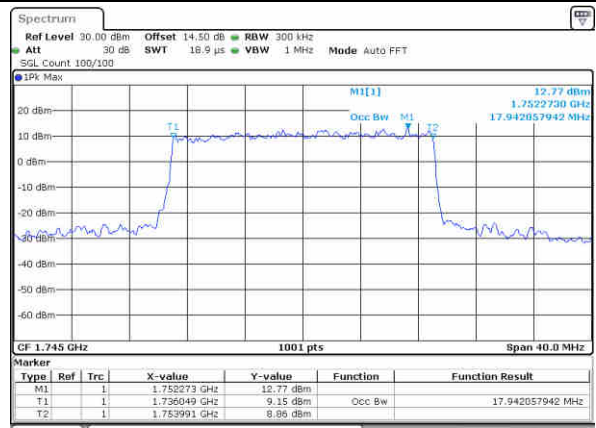
Date: 14, DEC, 2019 23:45:38

Highest Channel / 15MHz / 64QAM

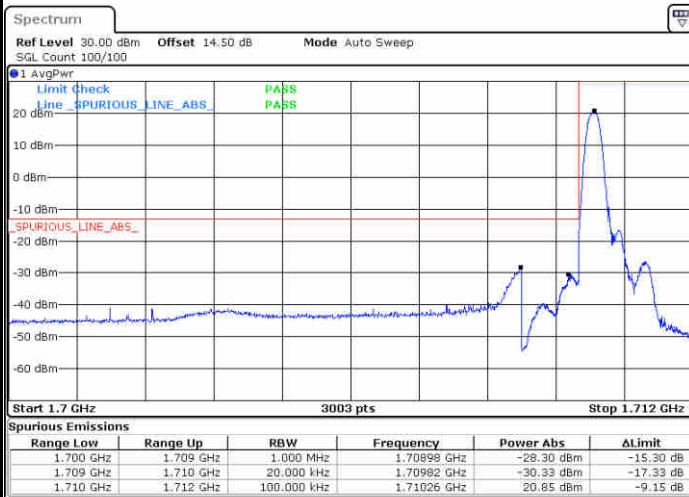
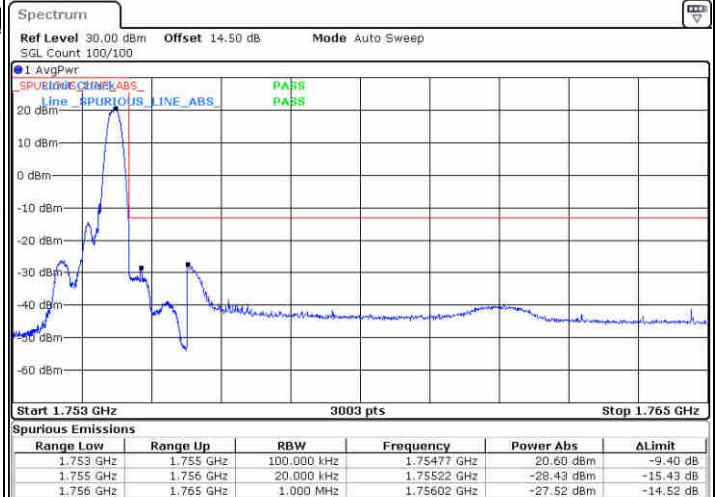
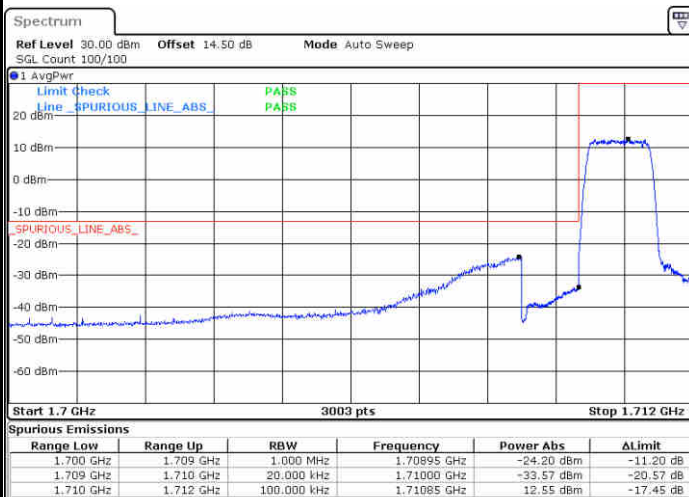


Date: 14, DEC, 2019 23:38:33

Highest Channel / 20MHz / 64QAM



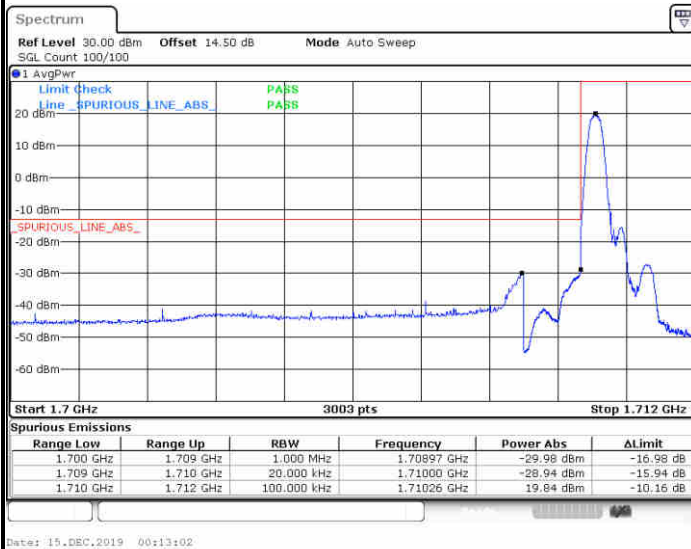
Date: 14, DEC, 2019 23:46:42

**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

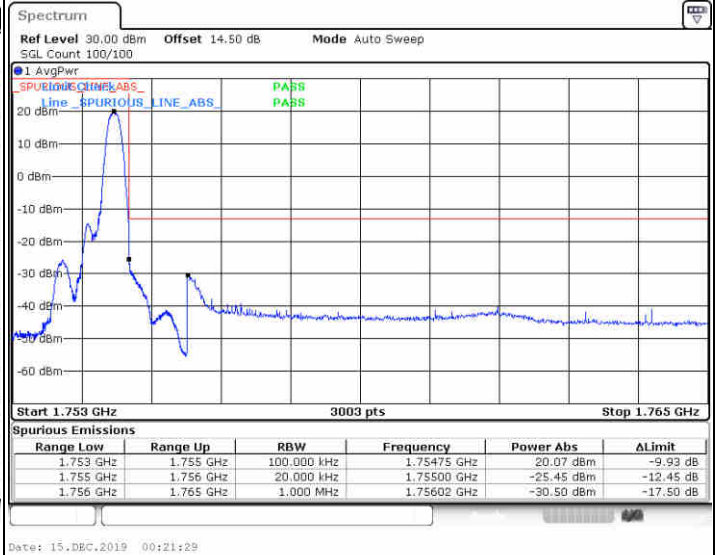


LTE Band 4 / 1.4MHz / 16QAM

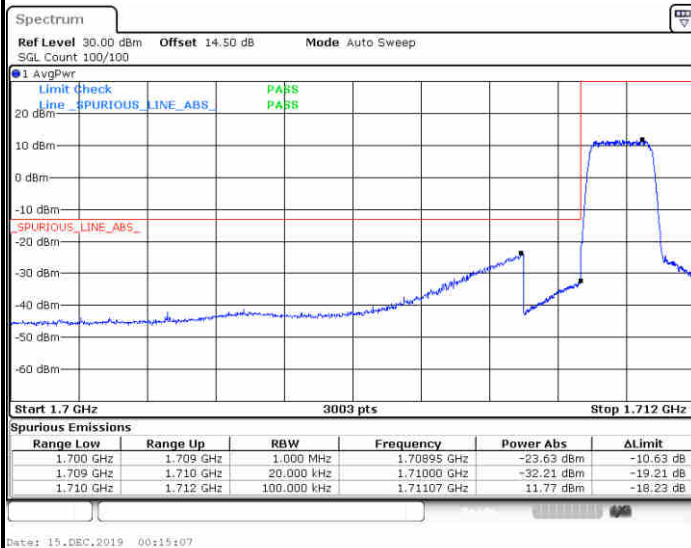
Lowest Band Edge / 1 RB



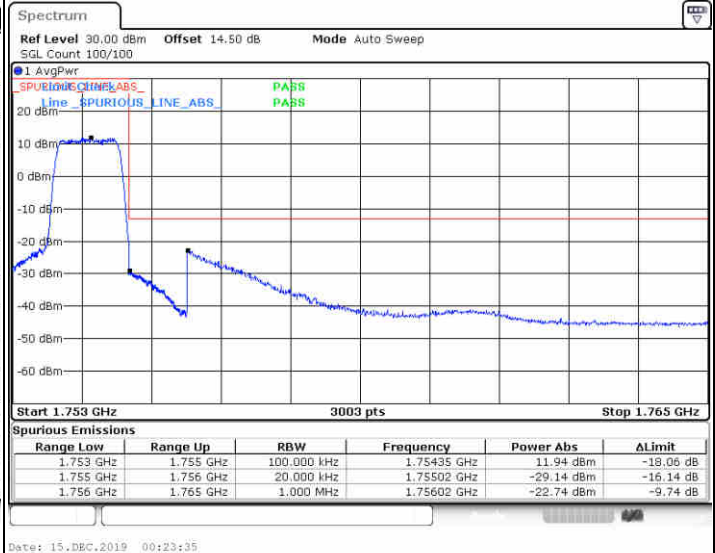
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



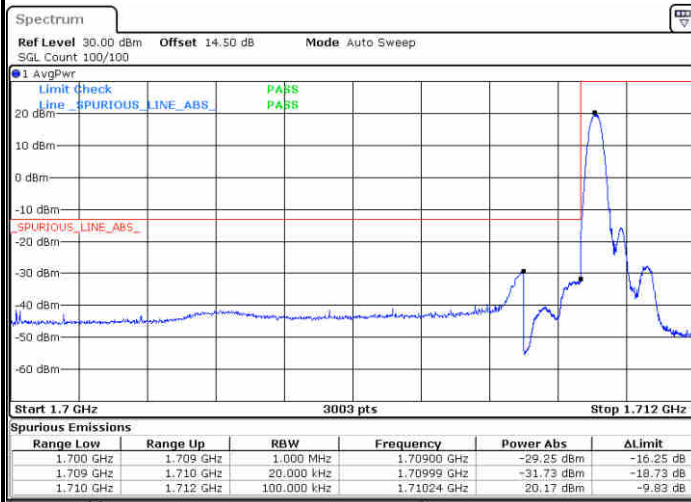
Highest Band Edge / Full RB



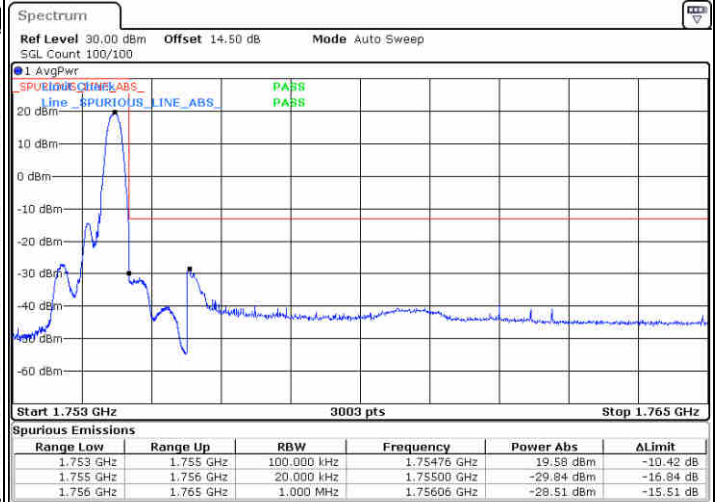


LTE Band 4 / 1.4MHz / 64QAM

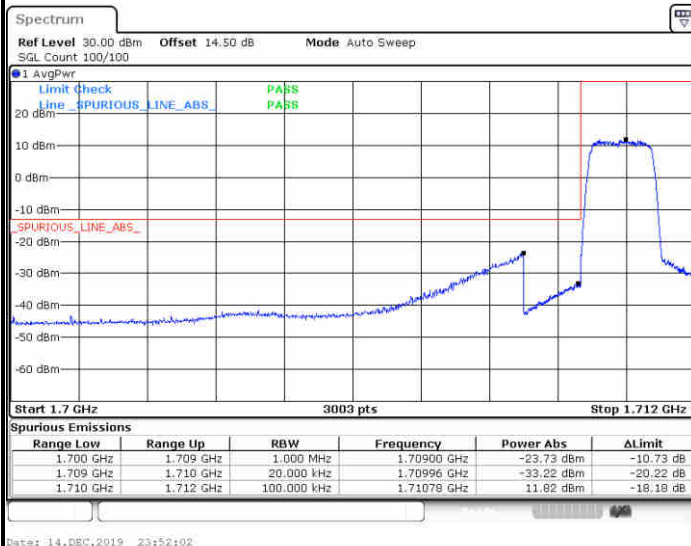
Lowest Band Edge / 1 RB



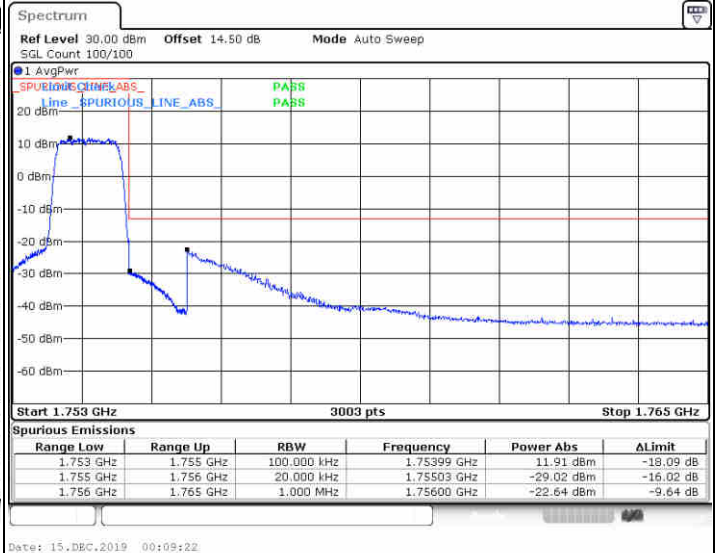
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



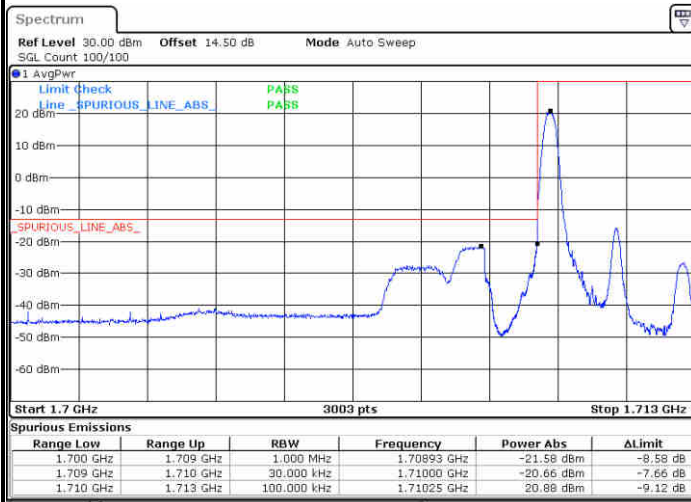
Highest Band Edge / Full RB



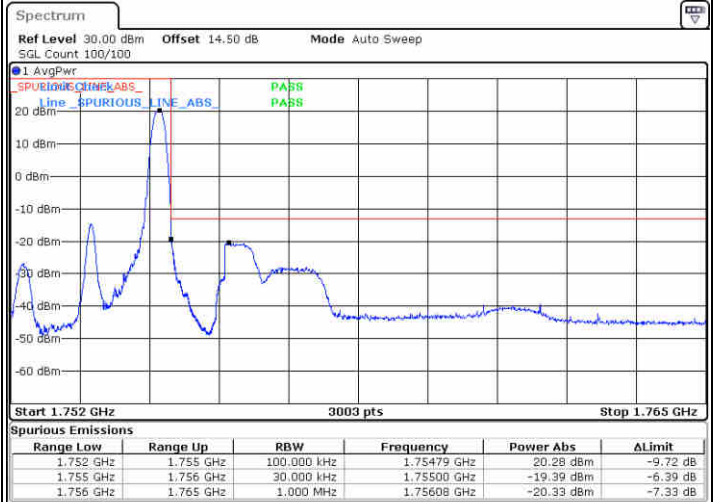


LTE Band 4 / 3MHz / QPSK

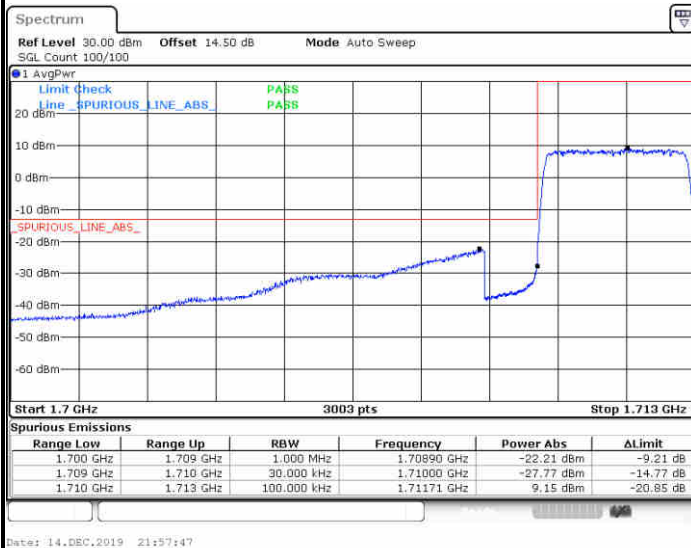
Lowest Band Edge / 1RB



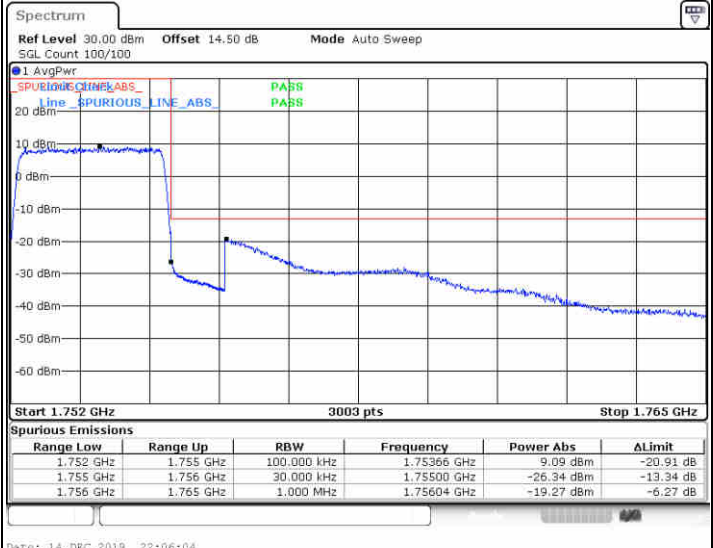
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



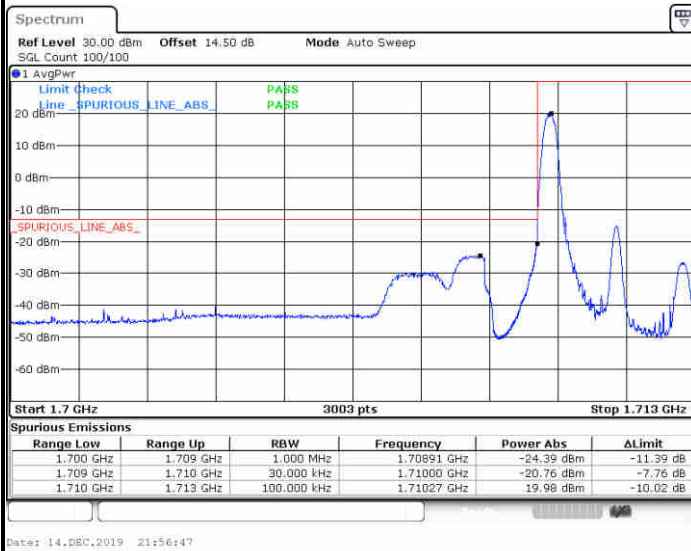
Highest Band Edge / Full RB



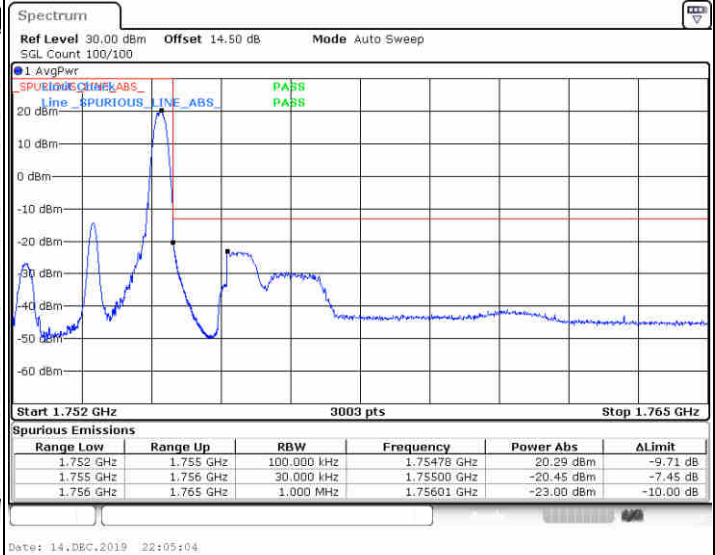


LTE Band 4 / 3MHz / 16QAM

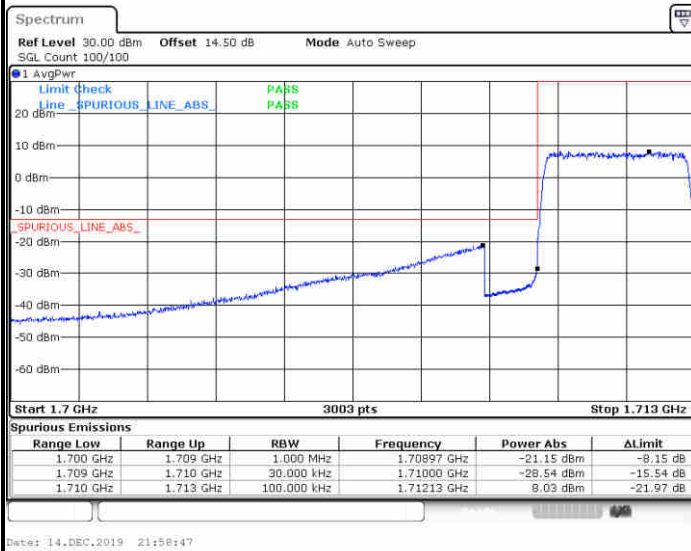
Lowest Band Edge / 1 RB



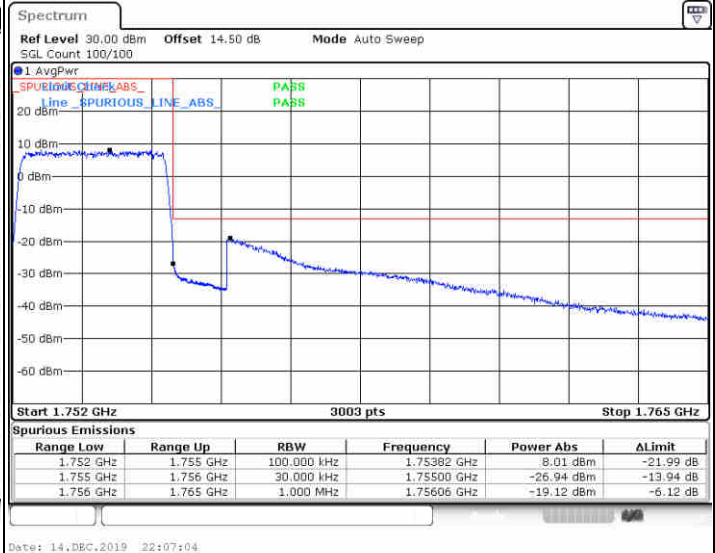
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



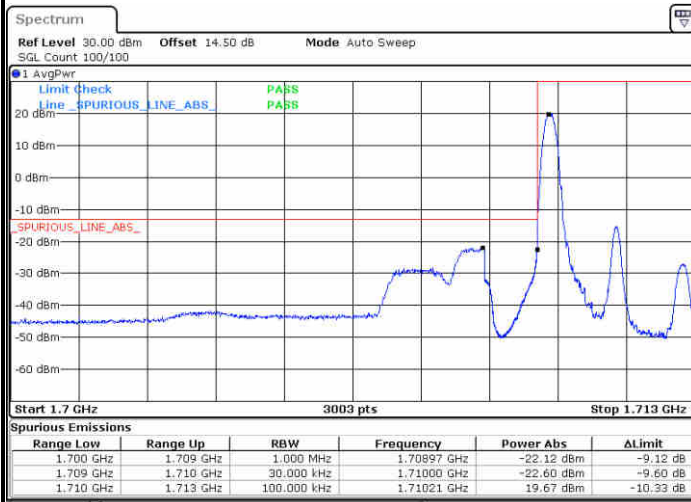
Highest Band Edge / Full RB



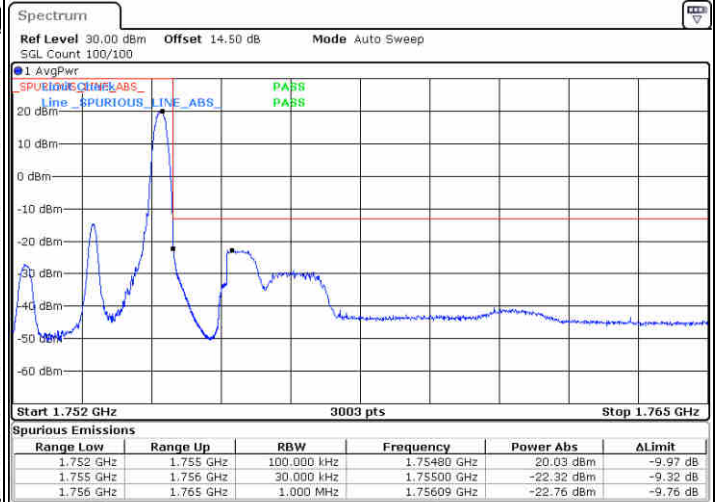


LTE Band 4 / 3MHz / 64QAM

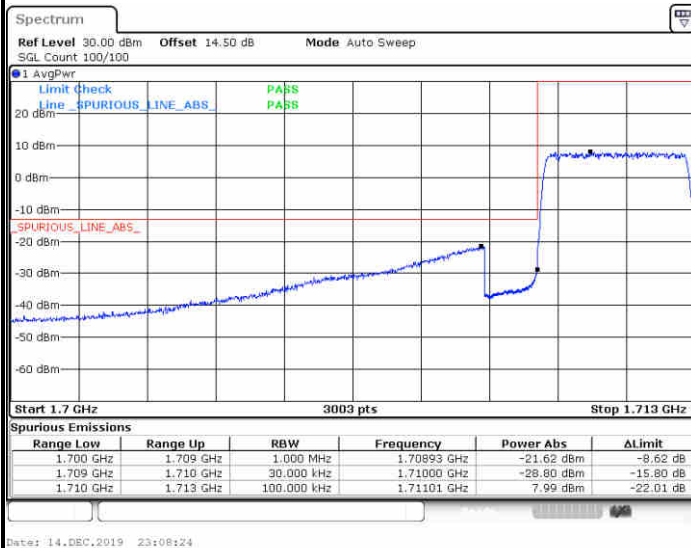
Lowest Band Edge / 1 RB



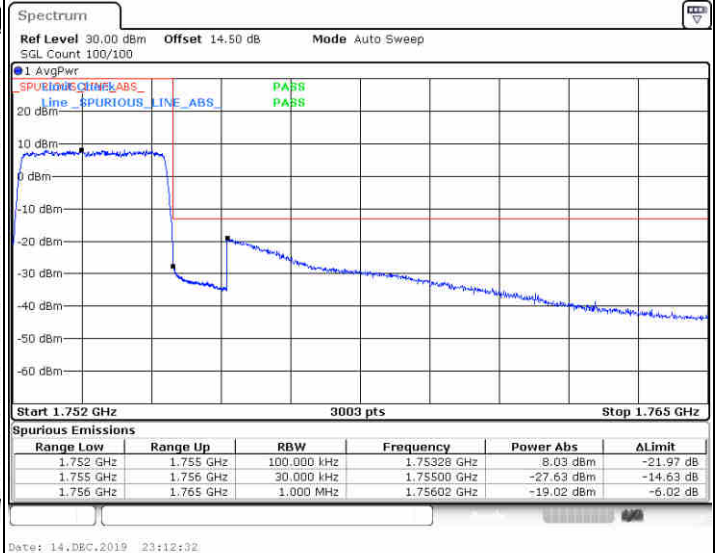
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



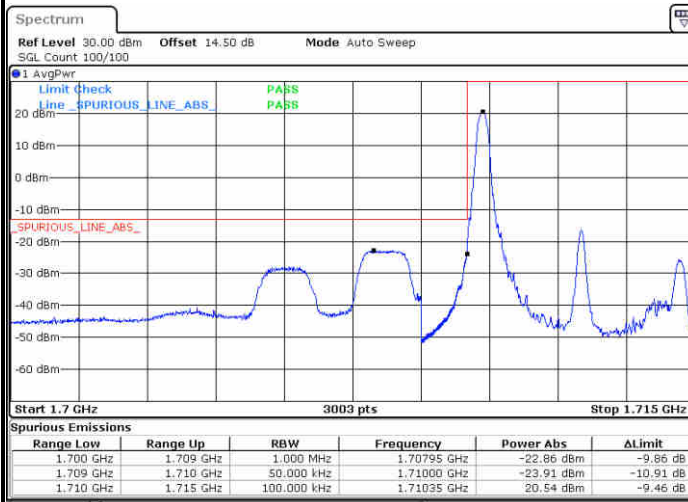
Highest Band Edge / Full RB



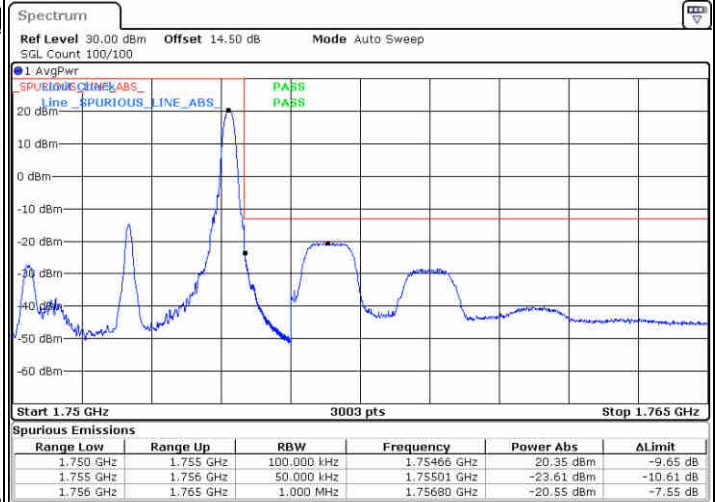


LTE Band 4 / 5MHz / QPSK

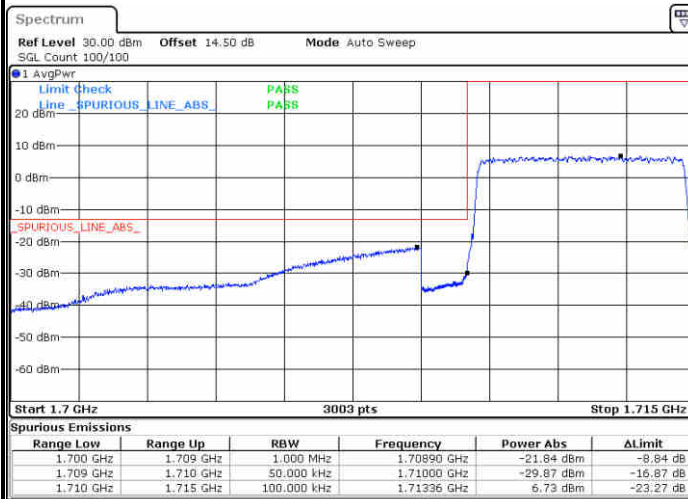
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



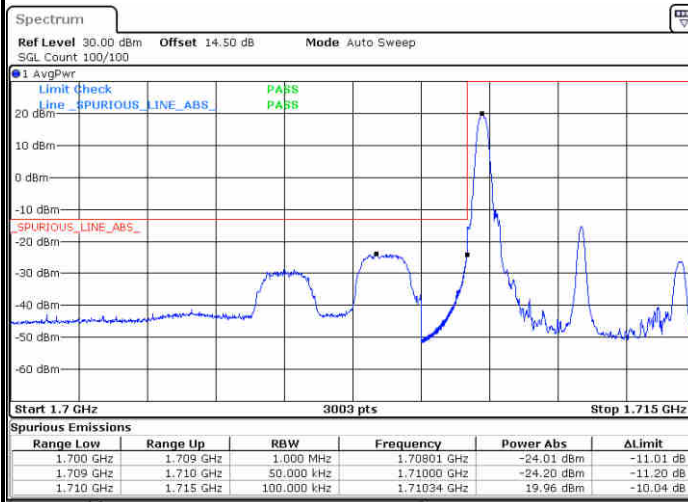
Highest Band Edge / Full RB



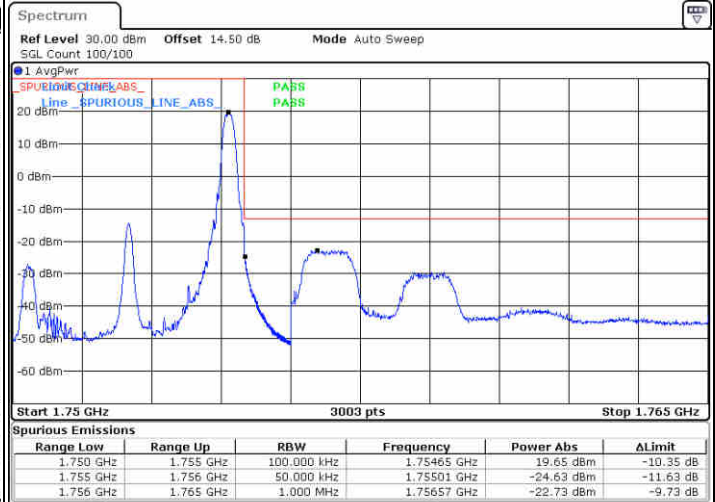


LTE Band 4 / 5MHz / 16QAM

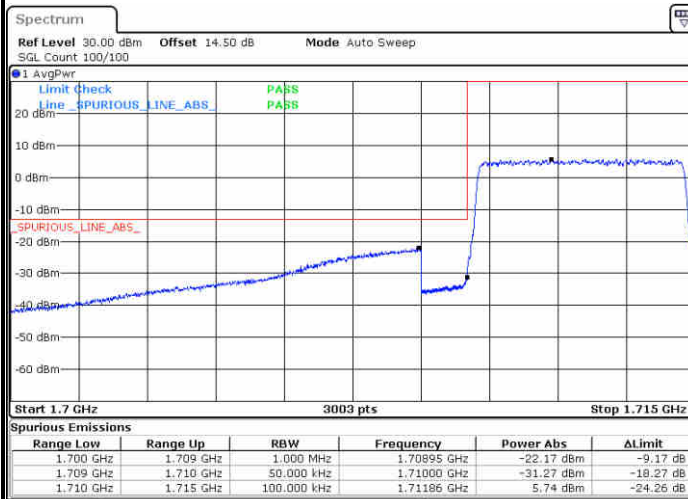
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



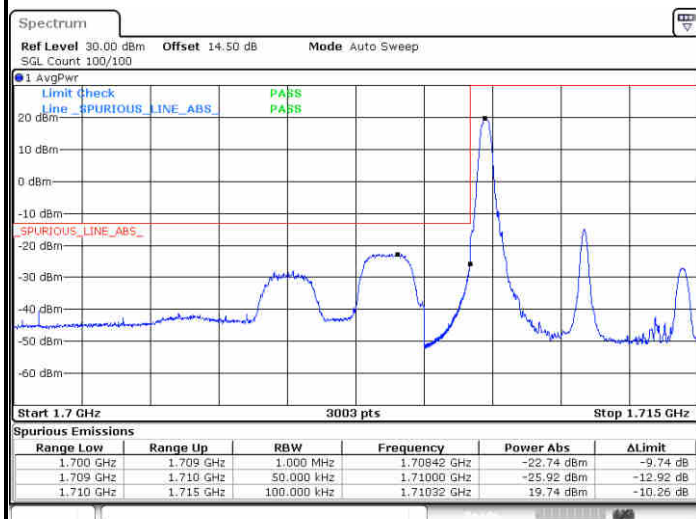
Highest Band Edge / Full RB



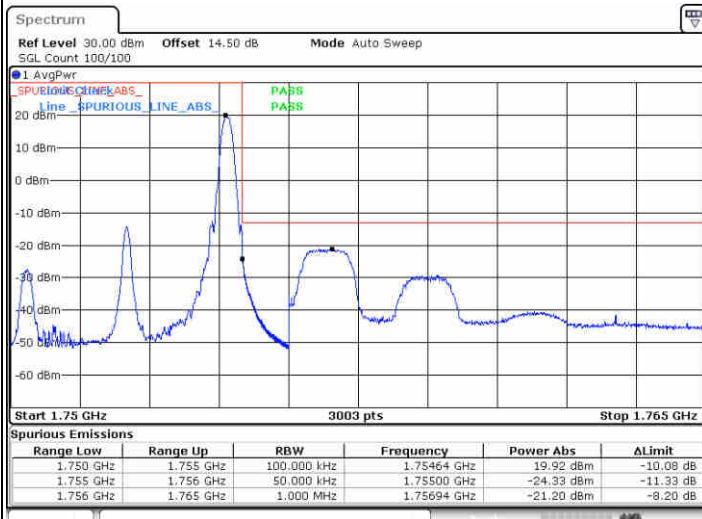


LTE Band 4 / 5MHz / 64QAM

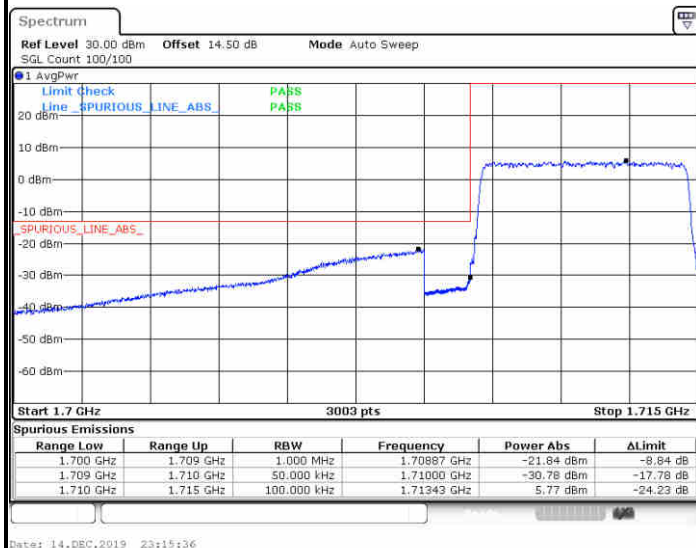
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

