

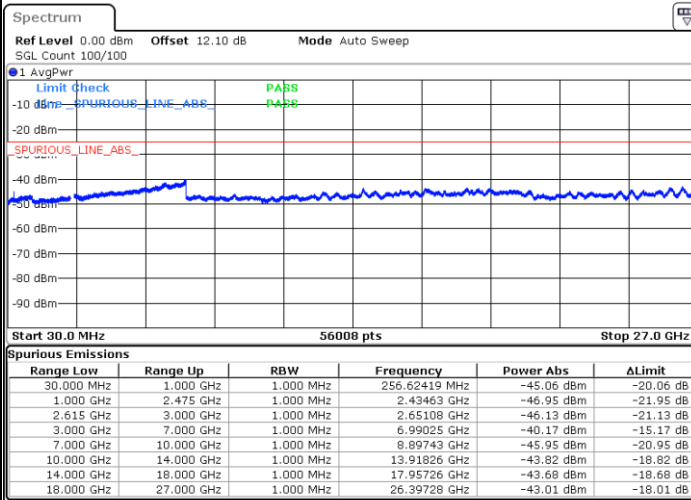


LTE Band 7C / 20MHz+20MHz

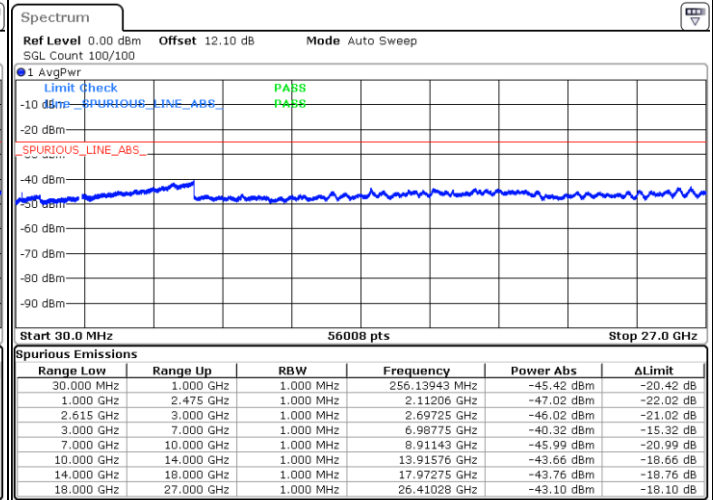
64QAM

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



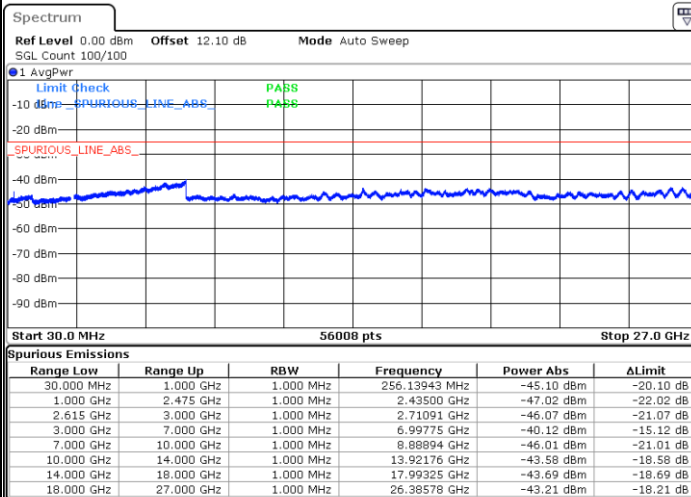
Date: 26.MAR.2020 22:24:48



Date: 26.MAR.2020 22:30:54

Middle Channel / FullRB

N/A



Date: 26.MAR.2020 22:23:34

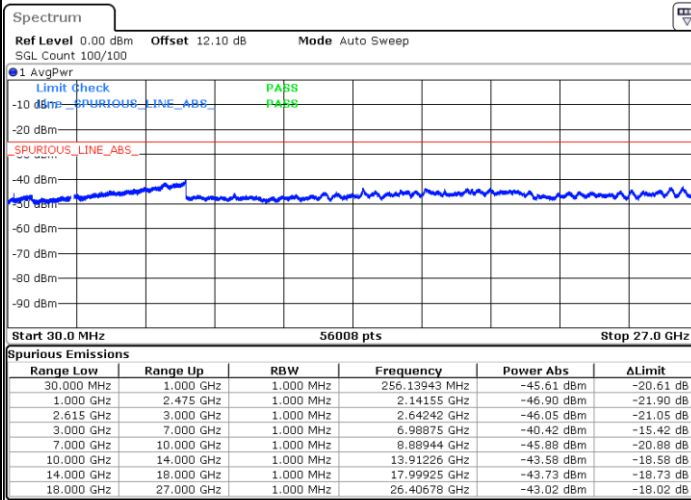


LTE Band 7C / 20MHz+20MHz

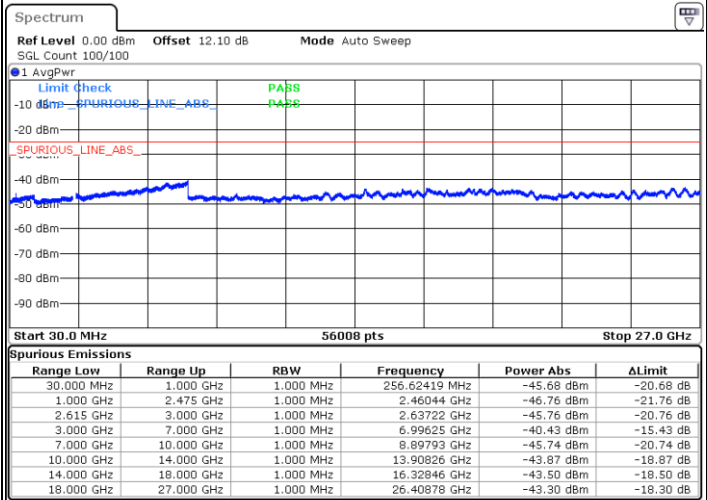
64QAM

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



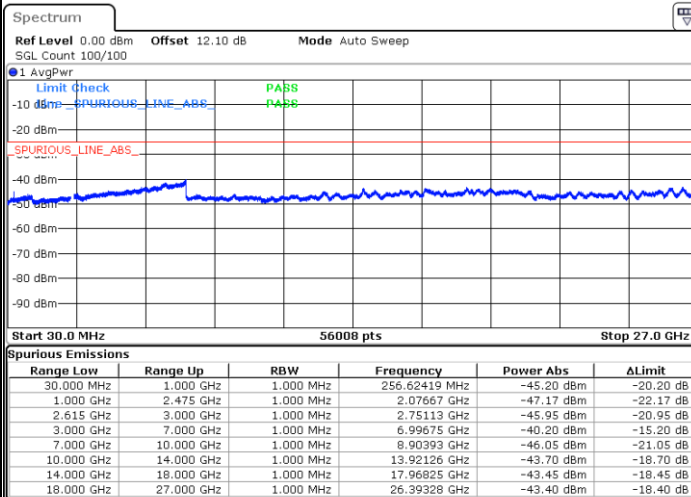
Date: 26.MAR.2020 23:01:10



Date: 26.MAR.2020 22:59:58

Highest Channel / FullIRB

N/A

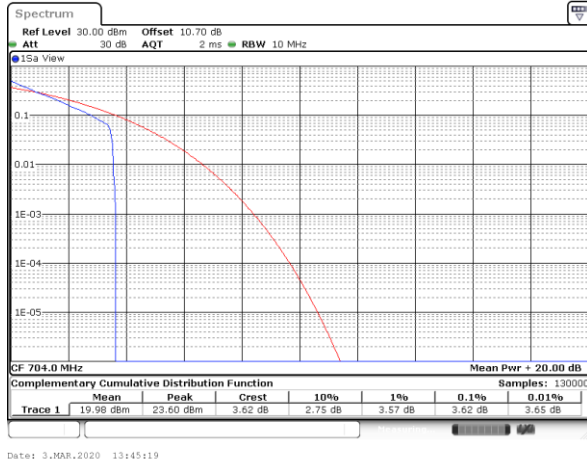
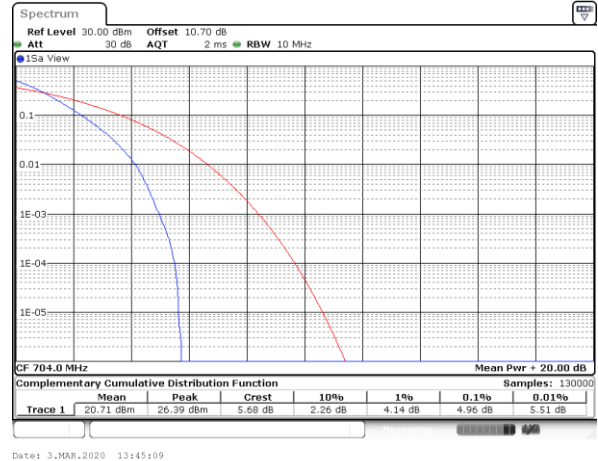
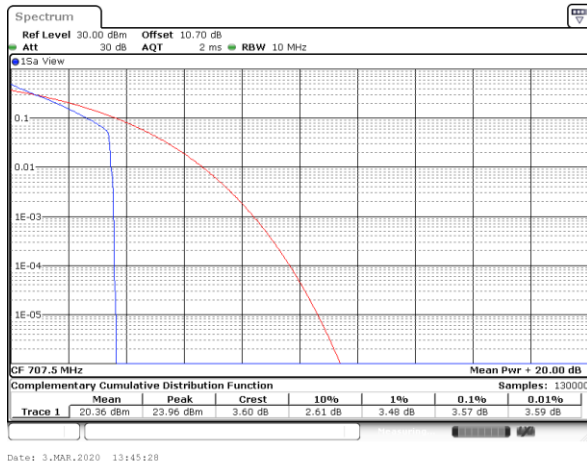
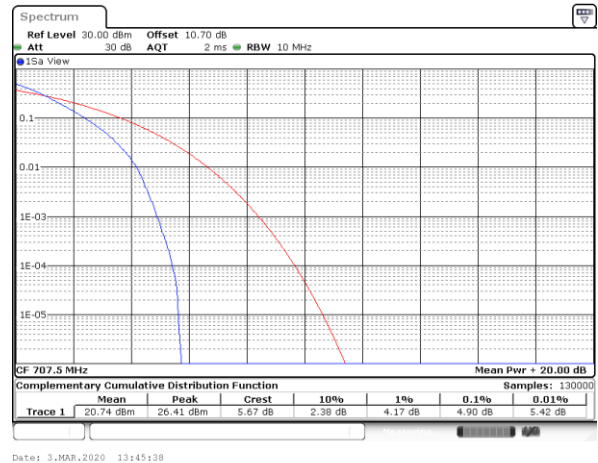
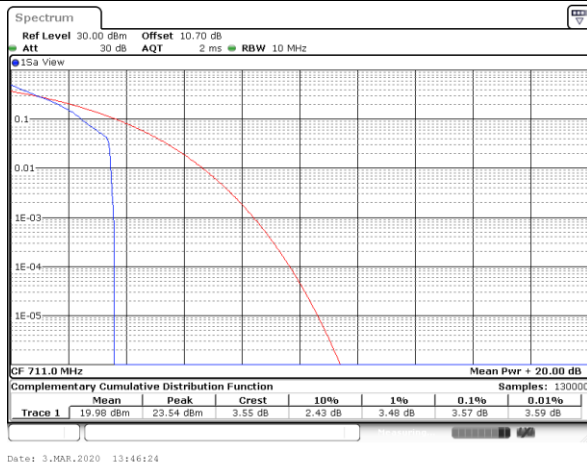
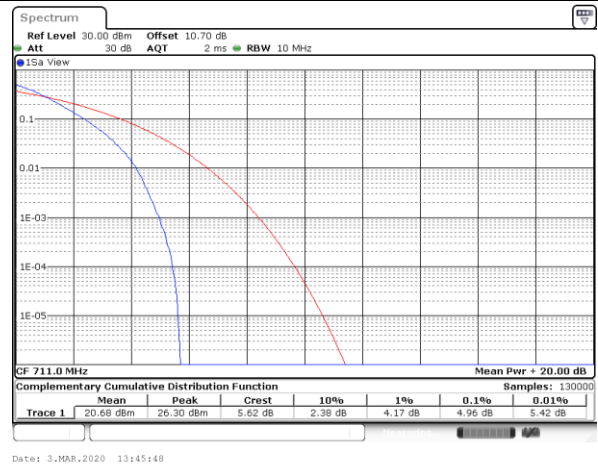


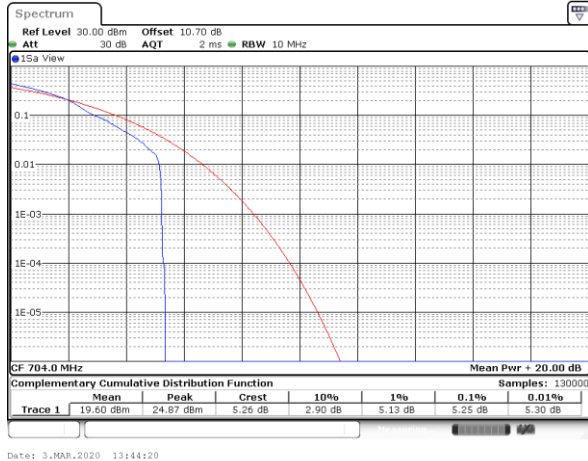
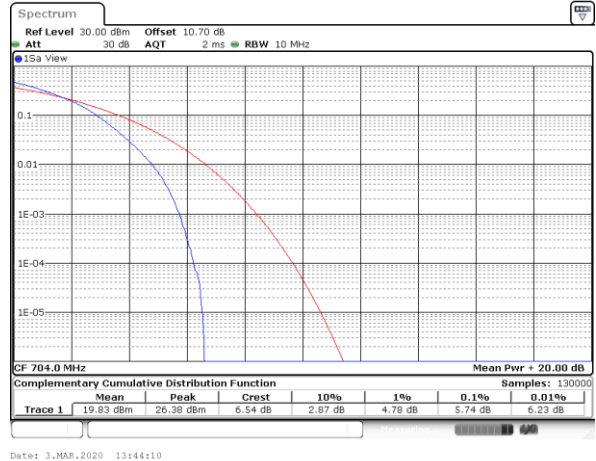
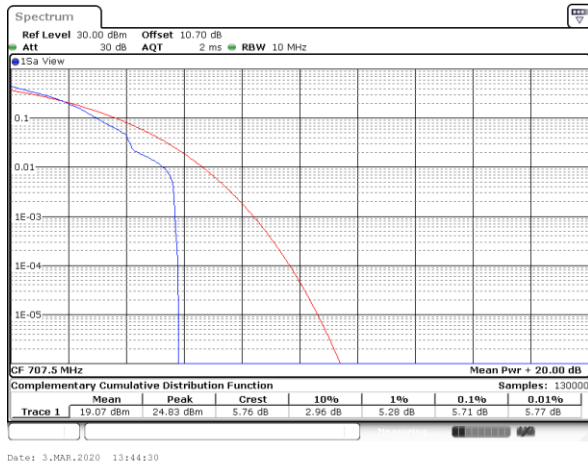
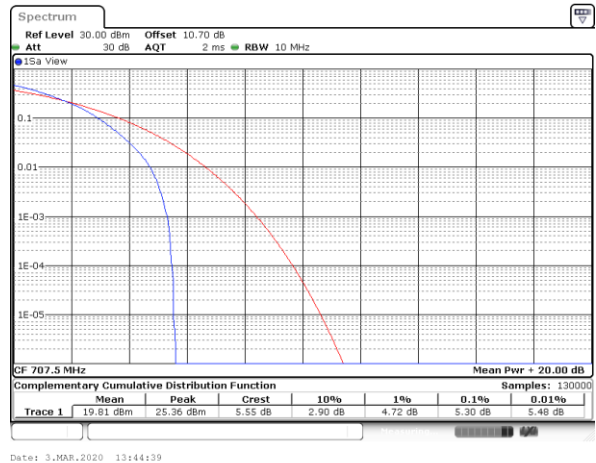
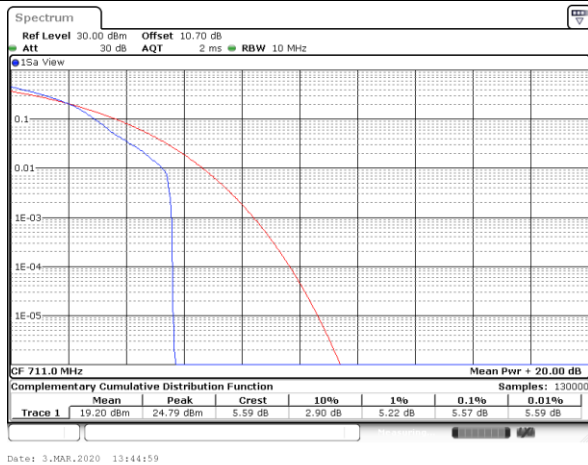
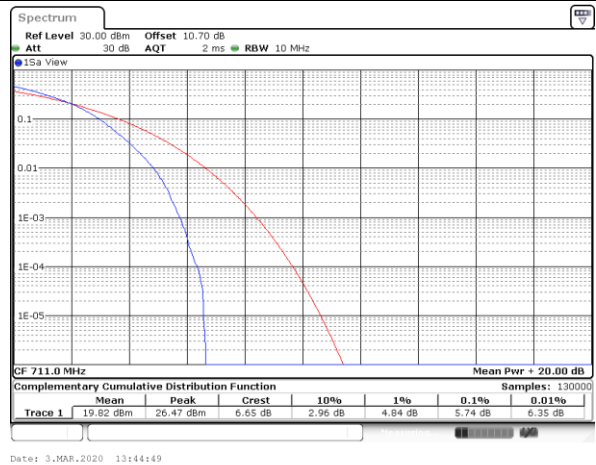
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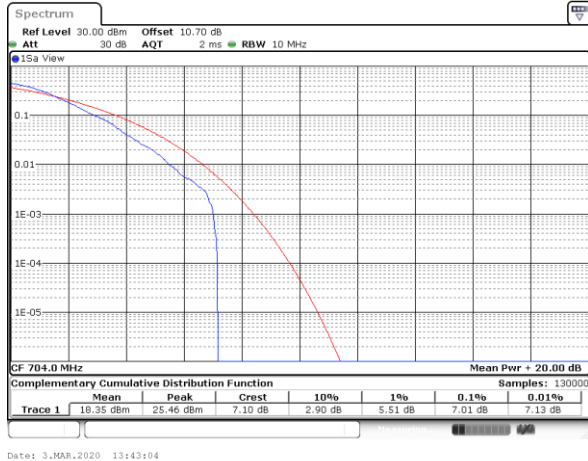
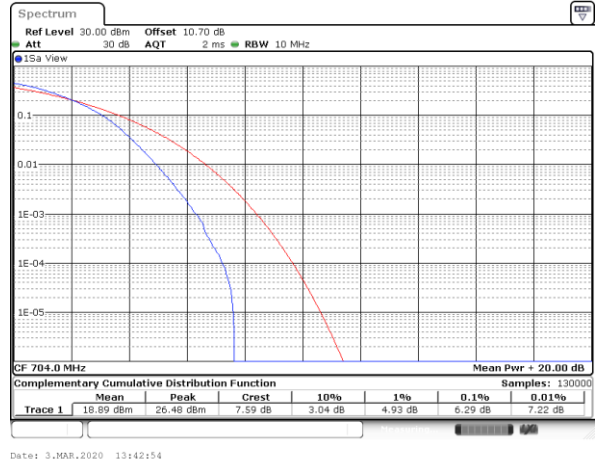
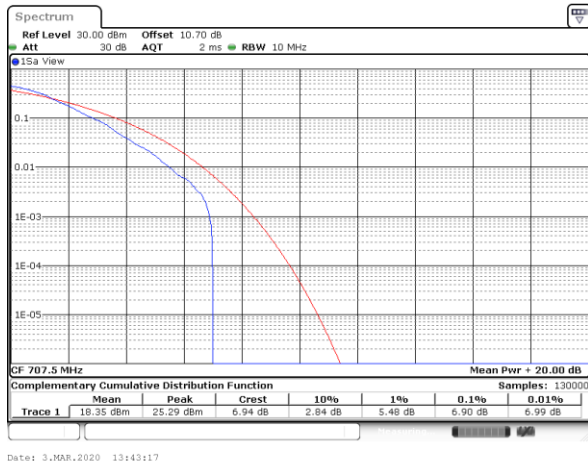
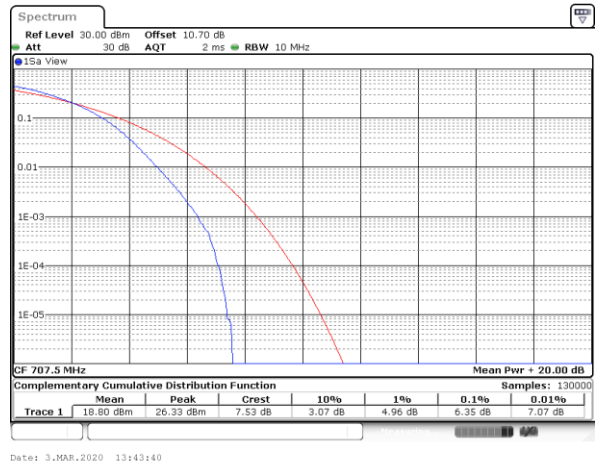
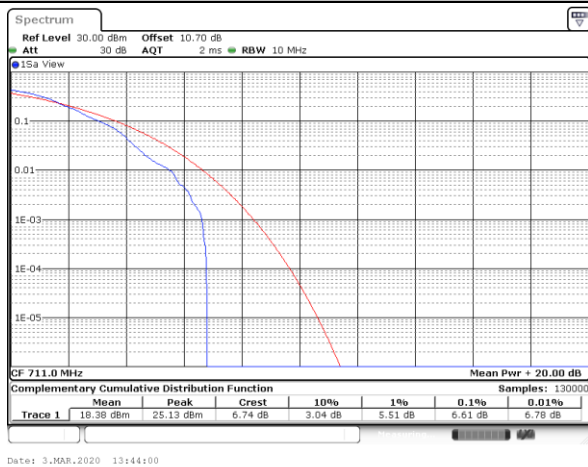
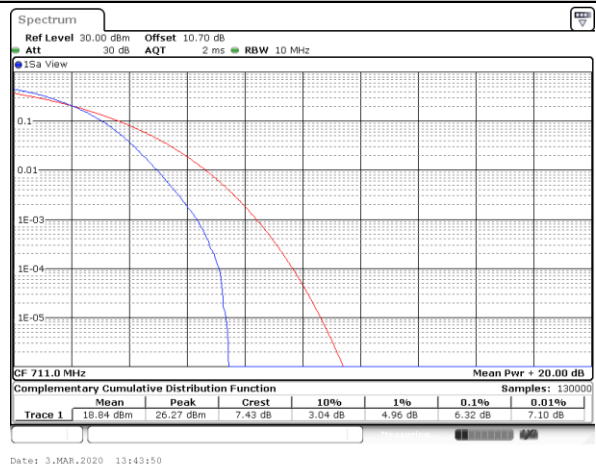
LTE Band 12

Peak-to-Average Ratio

Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.62	4.96	5.25	5.74	PASS
Middle CH	3.57	4.90	5.71	5.30	
Highest CH	3.57	4.96	5.57	5.74	
Mode	LTE Band 12 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	7.01	6.29	-	-	PASS
Middle CH	6.90	6.35	-	-	
Highest CH	6.61	6.32	-	-	

LTE Band 12 / 10MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


LTE Band 12 / 10MHz / 16QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


LTE Band 12 / 10MHz / 64QAM
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


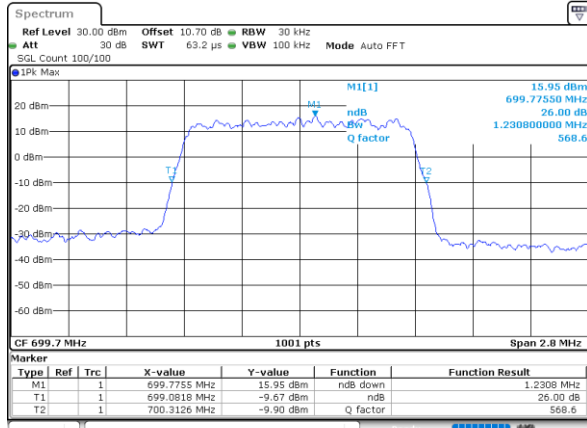
**26dB Bandwidth**

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.23	1.23	3.00	3.02	4.93	4.96	9.75	9.73	-	-	-	-
Middle CH	1.22	1.22	3.06	3.05	4.94	4.84	9.61	9.75	-	-	-	-
Highest CH	1.23	1.22	3.03	2.99	4.89	4.90	9.71	9.87	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.22	-	2.98	-	4.93	-	9.85	-	-	-	-	-
Middle CH	1.22	-	3.03	-	4.91	-	9.69	-	-	-	-	-
Highest CH	1.21	-	2.98	-	4.83	-	9.77	-	-	-	-	-



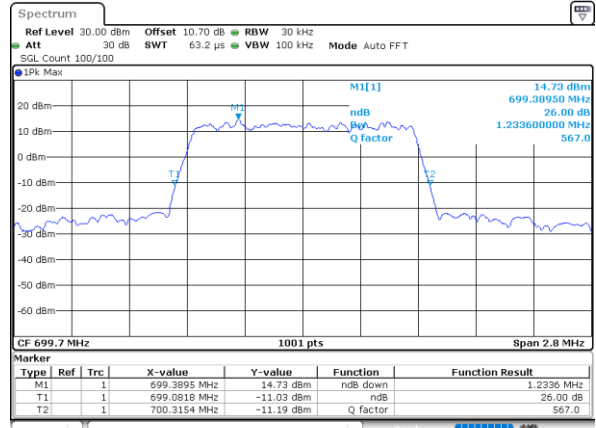
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



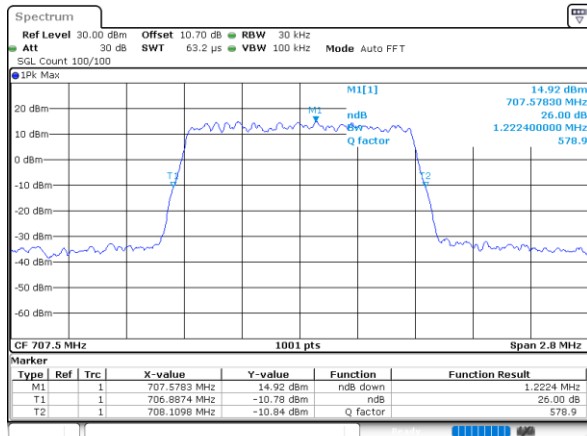
Date: 3,MAR,2020 11:36:43

Lowest Channel / 1.4MHz / 16QAM



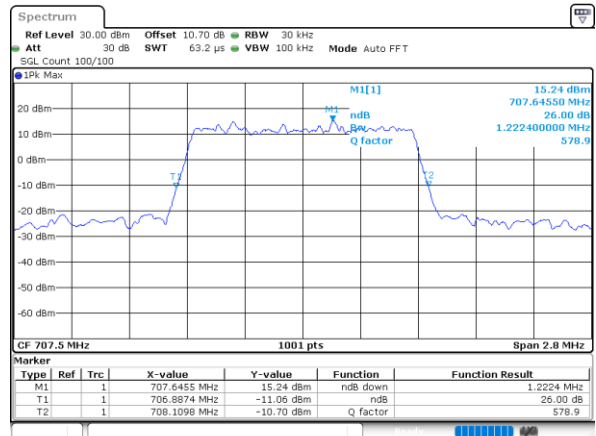
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Middle Channel / 1.4MHz / QPSK



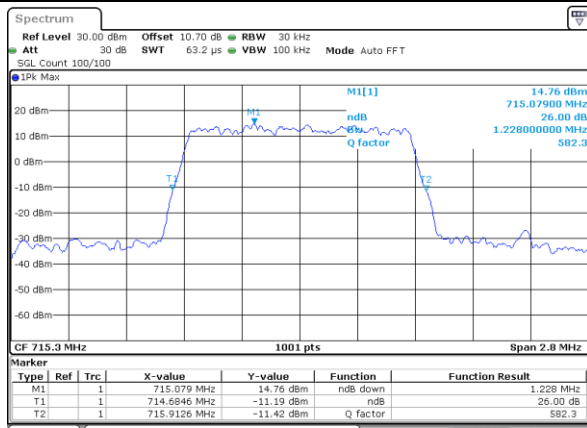
Date: 3,MAR,2020 11:42:37

Middle Channel / 1.4MHz / 16QAM



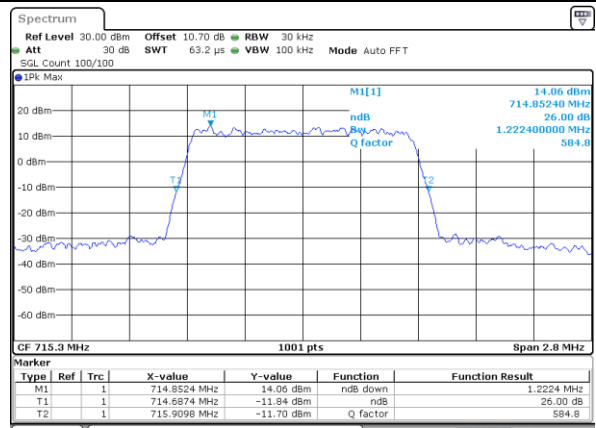
Date: 3,MAR,2020 11:42:49

Highest Channel / 1.4MHz / QPSK



Date: 3,MAR,2020 11:44:55

Highest Channel / 1.4MHz / 16QAM

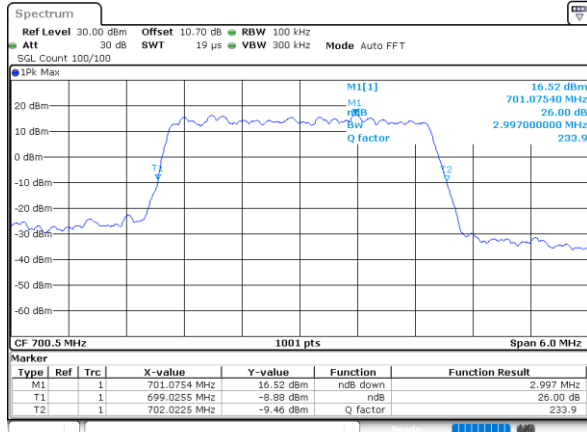


Date: 3,MAR,2020 11:44:43

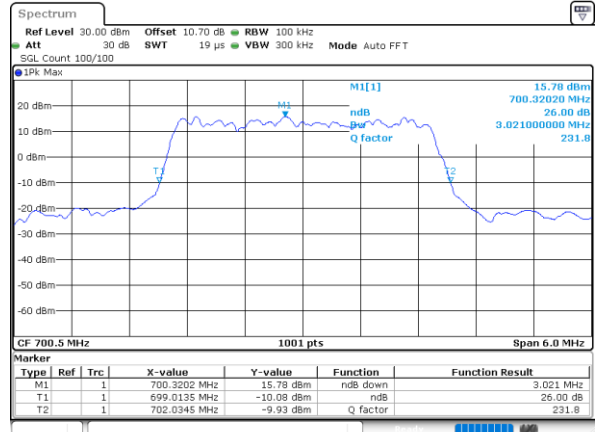


LTE Band 12

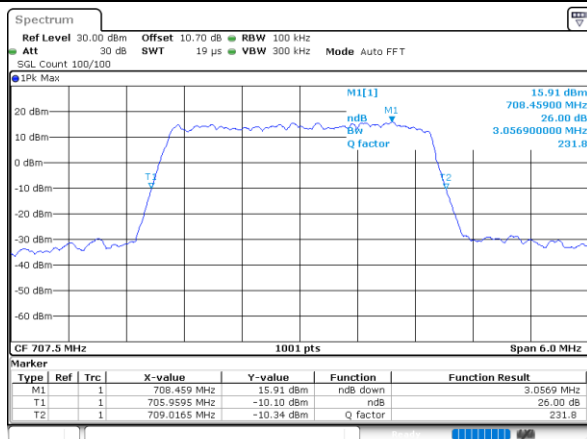
Lowest Channel / 3MHz / QPSK



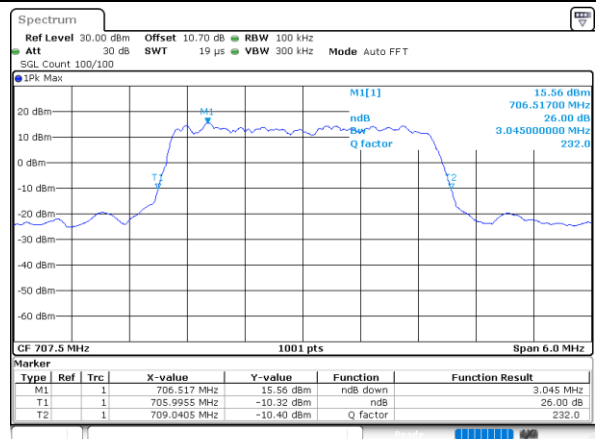
Lowest Channel / 3MHz / 16QAM



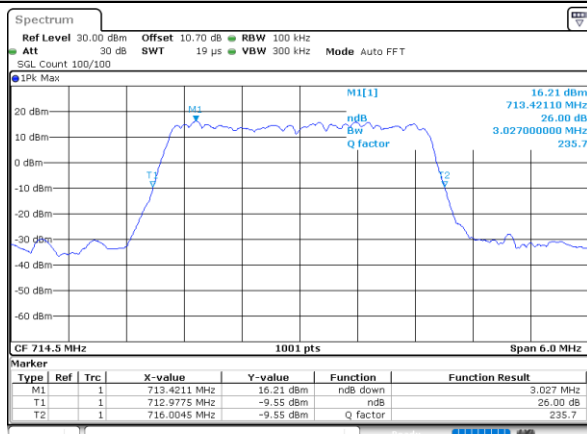
Middle Channel / 3MHz / QPSK



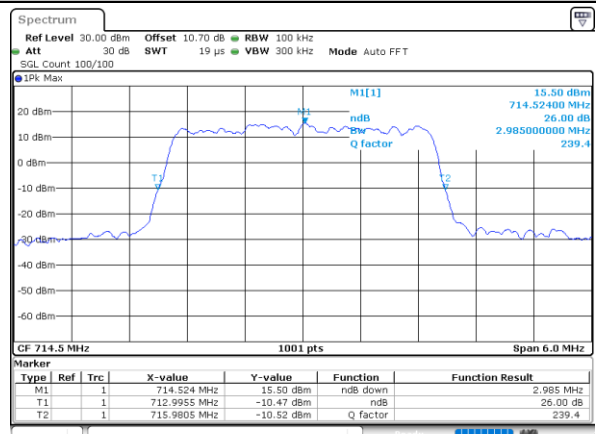
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



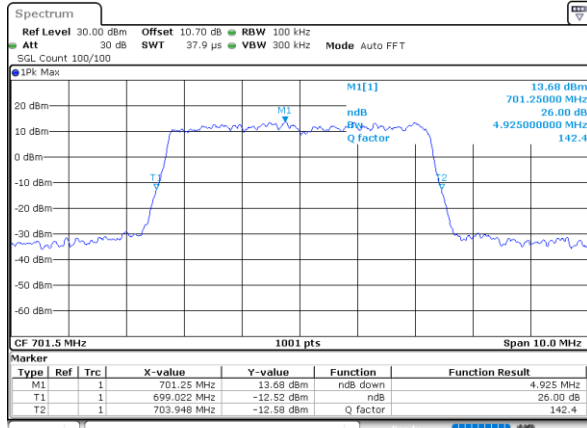
Highest Channel / 3MHz / 16QAM



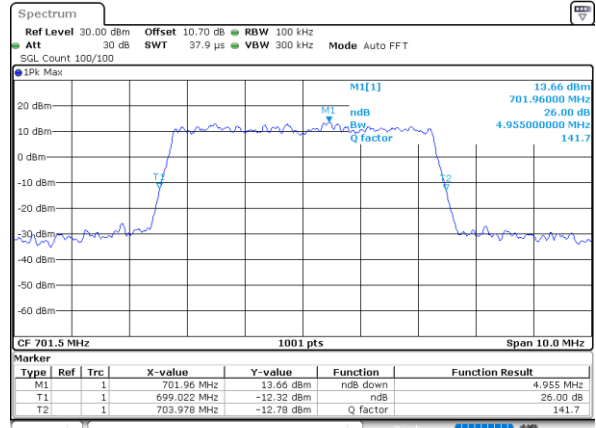


LTE Band 12

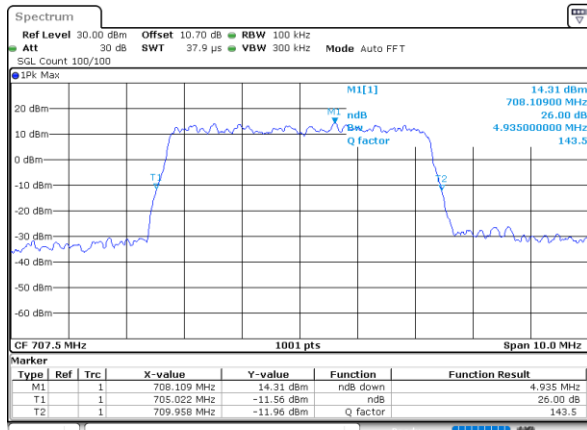
Lowest Channel / 5MHz / QPSK



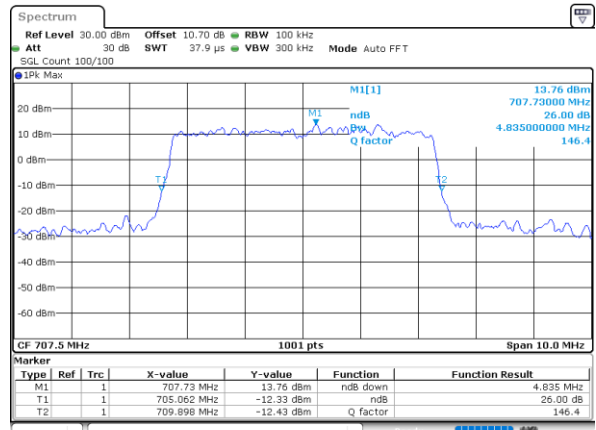
Lowest Channel / 5MHz / 16QAM



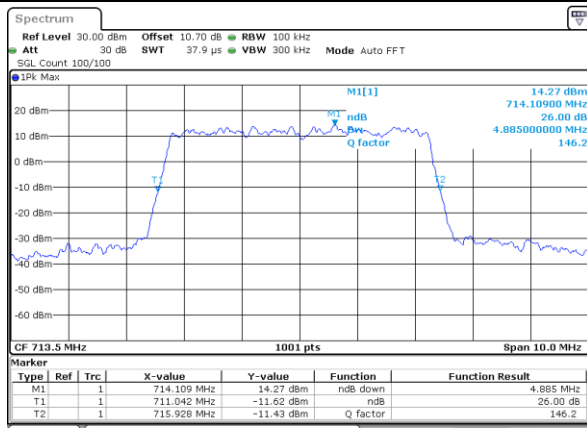
Middle Channel / 5MHz / QPSK



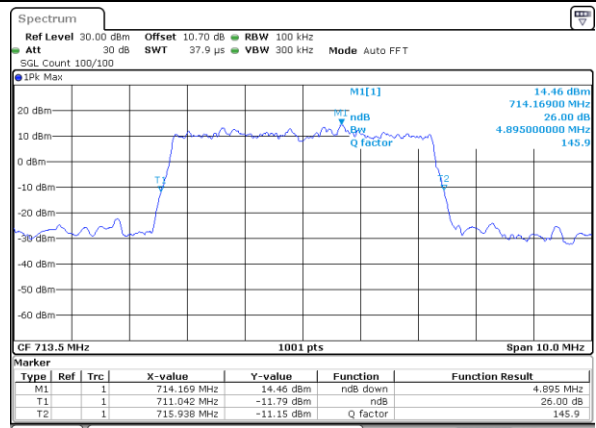
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



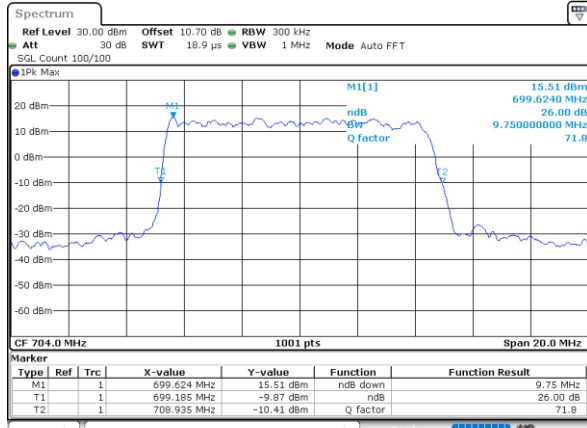
Highest Channel / 5MHz / 16QAM





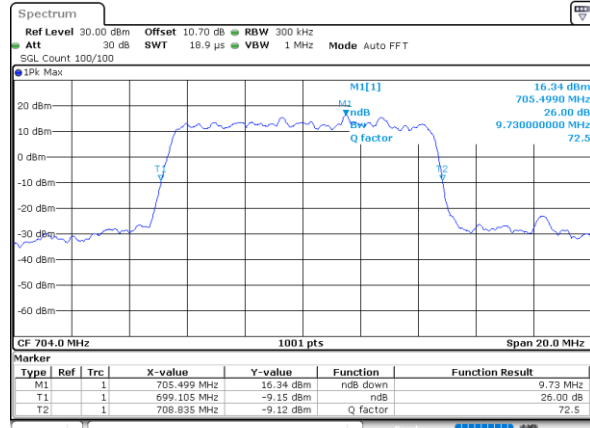
LTE Band 12

Lowest Channel / 10MHz / QPSK



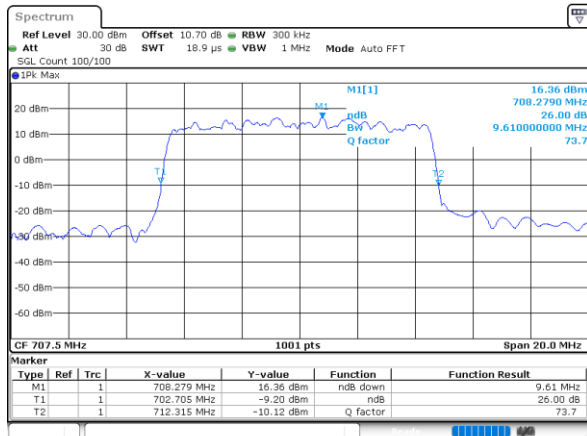
Date: 3,MAR,2020 12:41:12

Lowest Channel / 10MHz / 16QAM



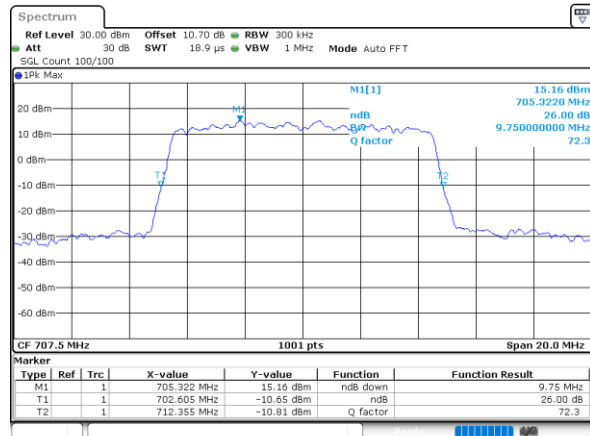
Date: 3,MAR,2020 12:41:00

Middle Channel / 10MHz / QPSK



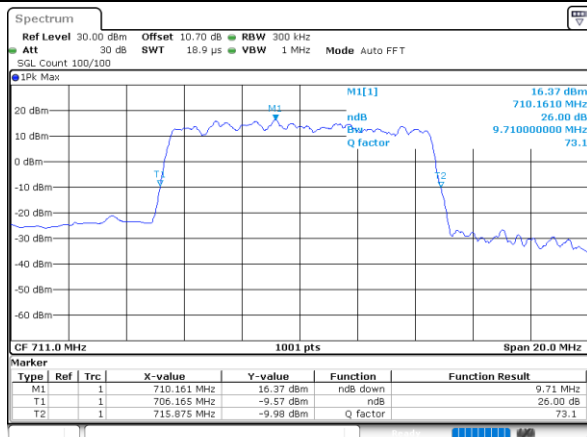
Date: 3,MAR,2020 12:47:06

Middle Channel / 10MHz / 16QAM



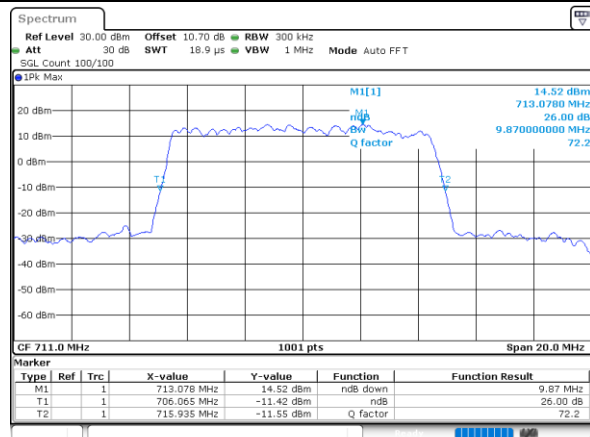
Date: 3,MAR,2020 12:47:17

Highest Channel / 10MHz / QPSK



Date: 3,MAR,2020 12:49:23

Highest Channel / 10MHz / 16QAM

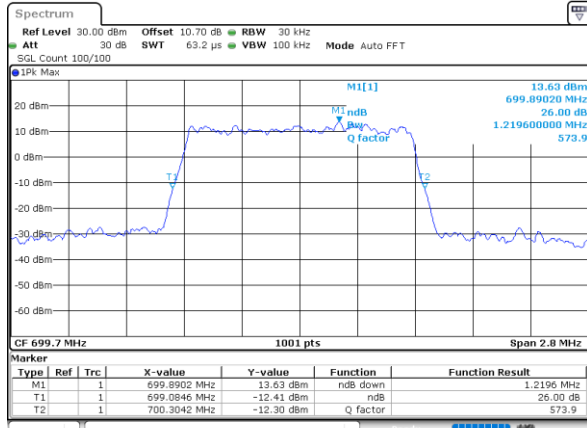


Date: 3,MAR,2020 12:49:11



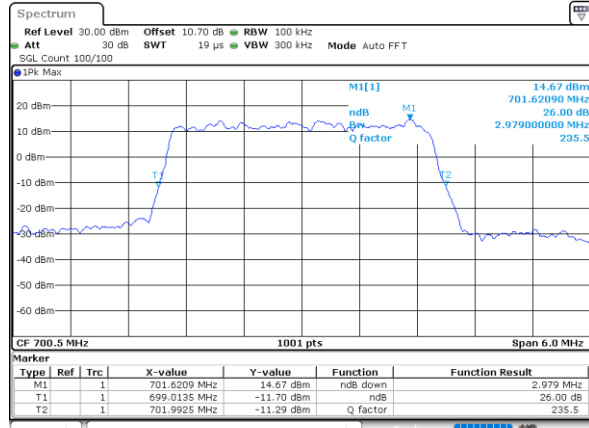
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



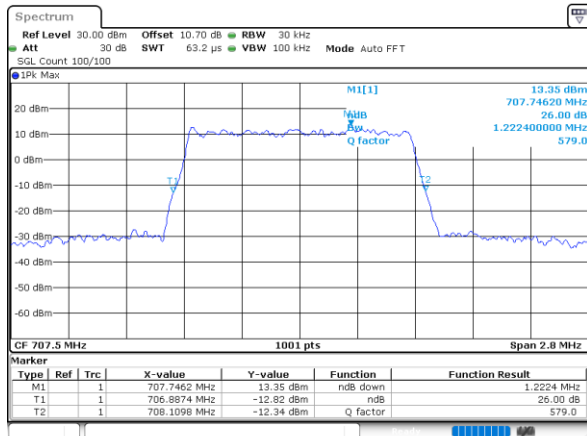
Date: 3,MAR,2020 11:50:38

Lowest Channel / 3MHz / 64QAM



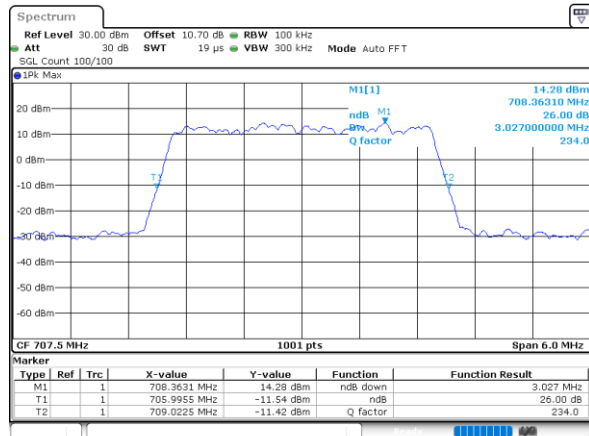
Date: 3,MAR,2020 12:12:07

Middle Channel / 1.4MHz / 64QAM



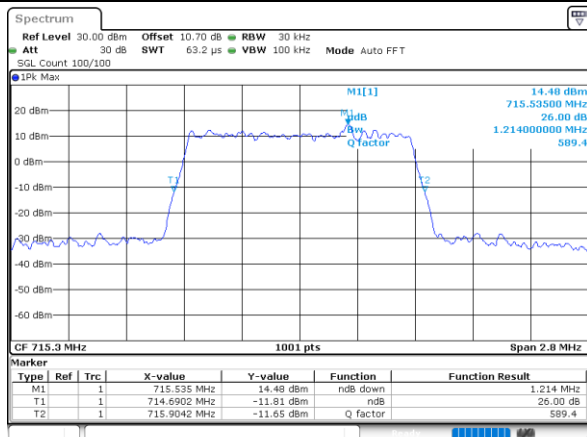
Date: 3,MAR,2020 11:53:40

Middle Channel / 3MHz / 64QAM



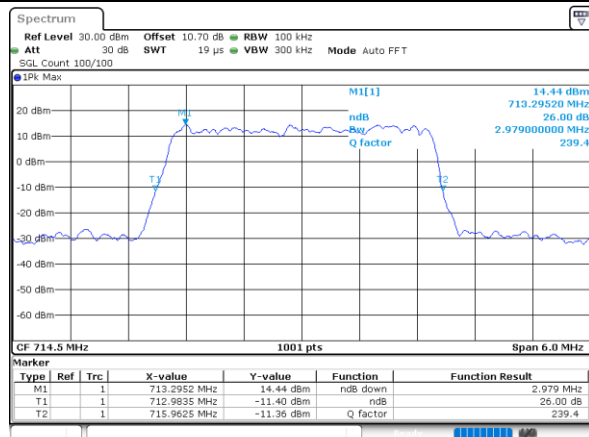
Date: 3,MAR,2020 12:15:10

Highest Channel / 1.4MHz / 64QAM



Date: 3,MAR,2020 11:54:43

Highest Channel / 3MHz / 64QAM

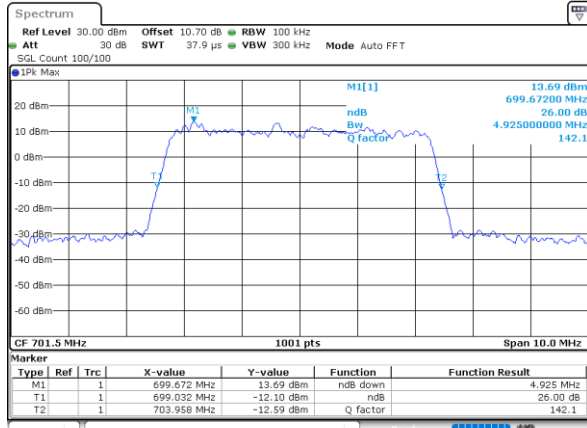


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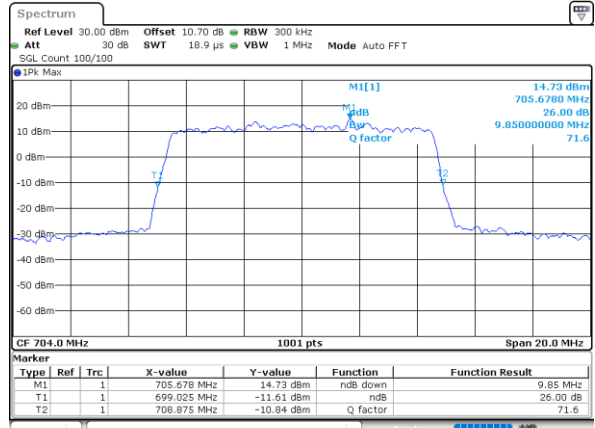


LTE Band 12

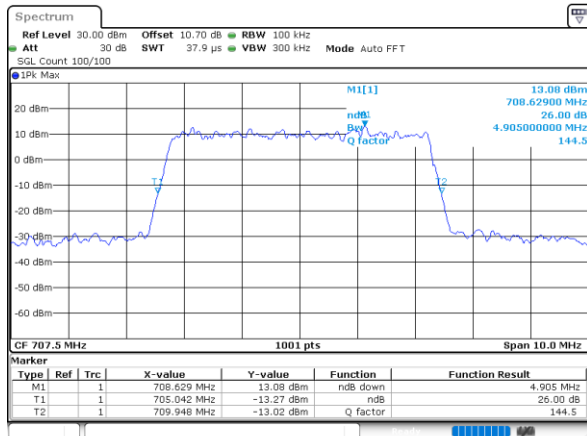
Lowest Channel / 5MHz / 64QAM



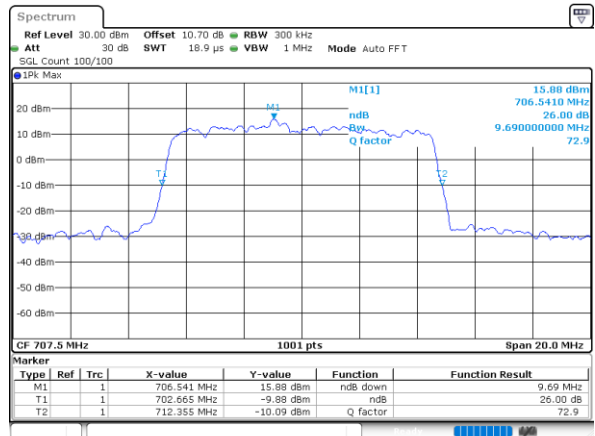
Lowest Channel / 10MHz / 64QAM



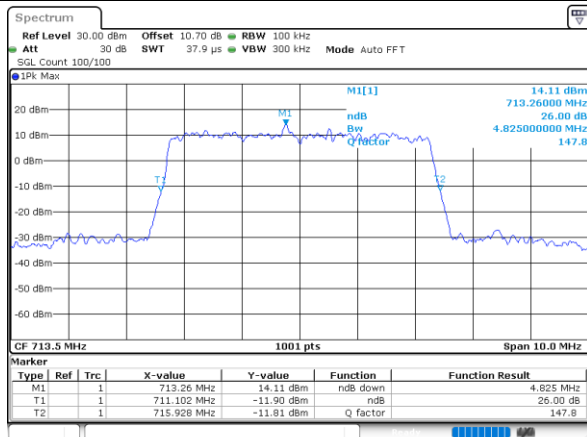
Middle Channel / 5MHz / 64QAM



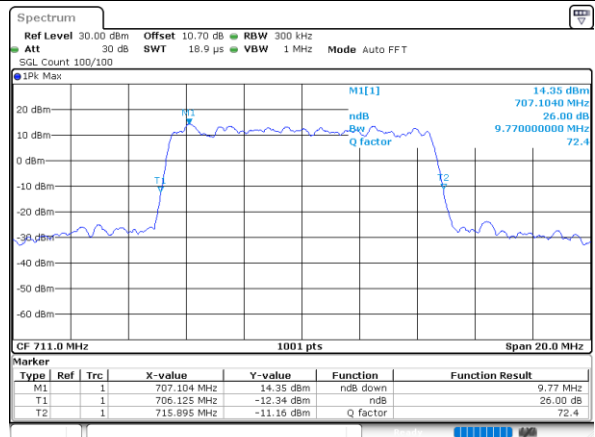
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



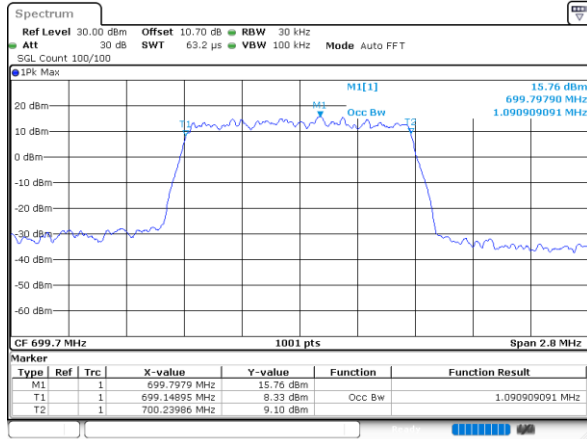
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.71	4.48	4.47	8.97	9.03	-	-	-	-
Middle CH	1.09	1.10	2.72	2.72	4.49	4.50	8.93	8.95	-	-	-	-
Highest CH	1.09	1.09	2.72	2.72	4.49	4.48	9.05	8.97	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.72	-	4.50	-	9.01	-	-	-	-	-
Middle CH	1.09	-	2.73	-	4.50	-	9.03	-	-	-	-	-
Highest CH	1.09	-	2.72	-	4.48	-	8.99	-	-	-	-	-

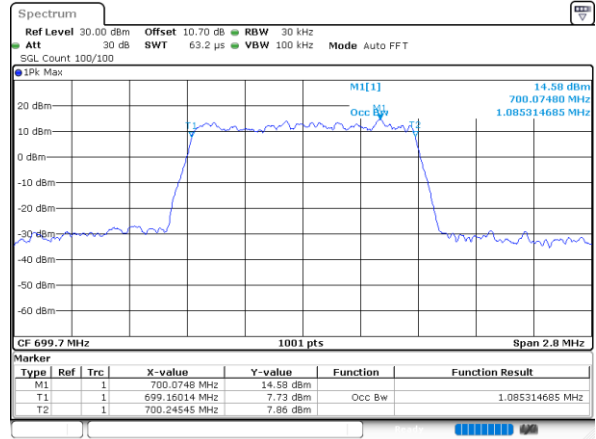


LTE Band 12

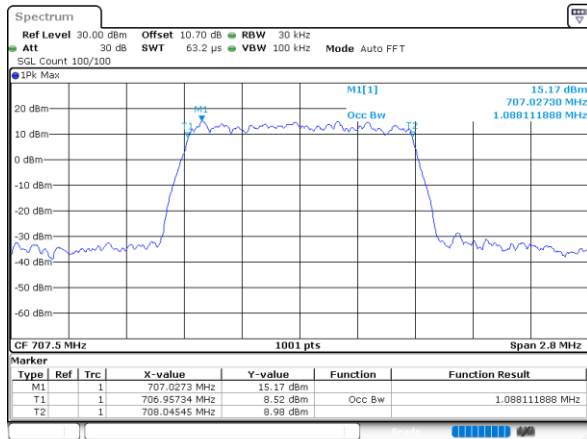
Lowest Channel / 1.4MHz / QPSK



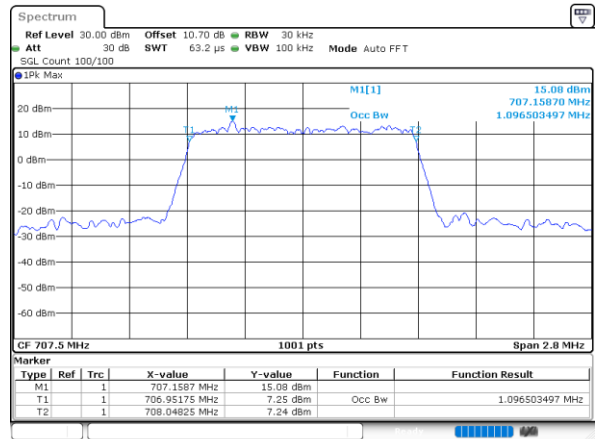
Lowest Channel / 1.4MHz / 16QAM



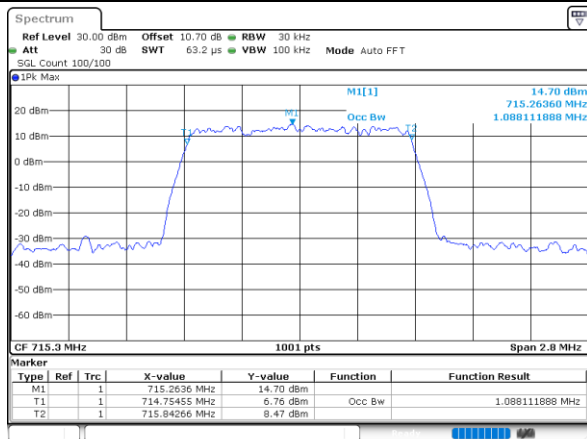
Middle Channel / 1.4MHz / QPSK



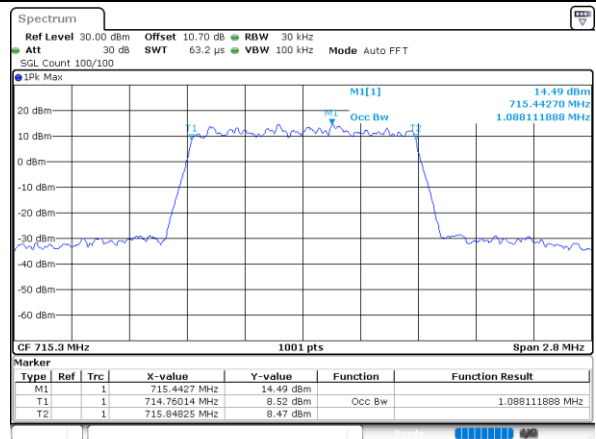
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



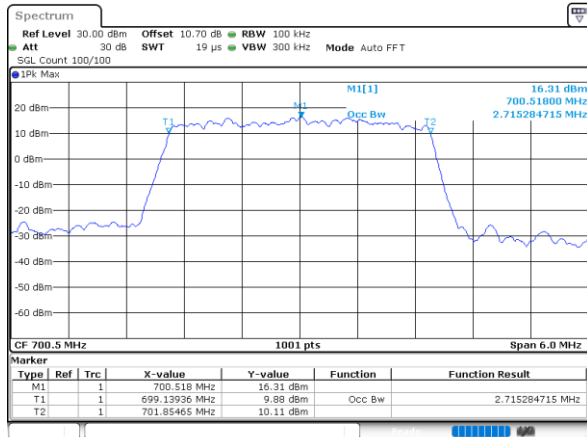
Highest Channel / 1.4MHz / 16QAM



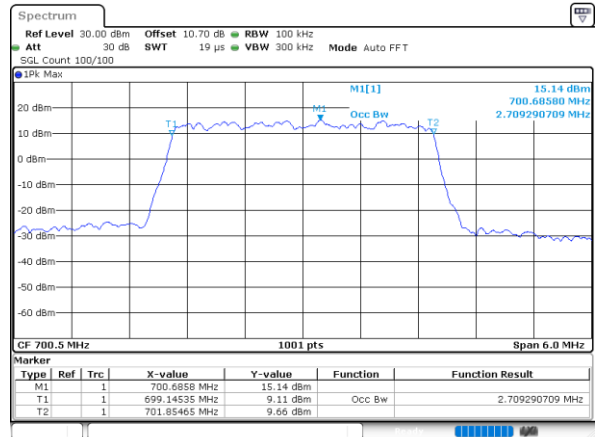


LTE Band 12

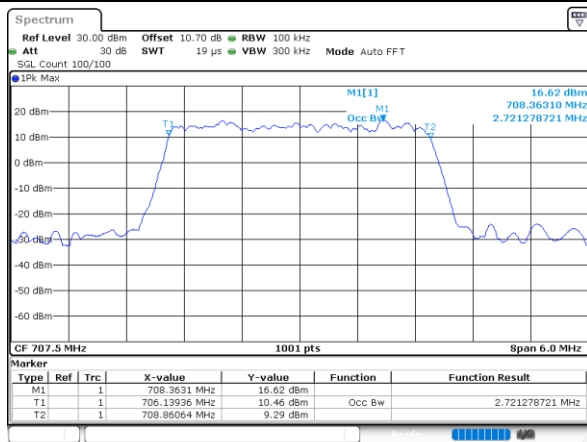
Lowest Channel / 3MHz / QPSK



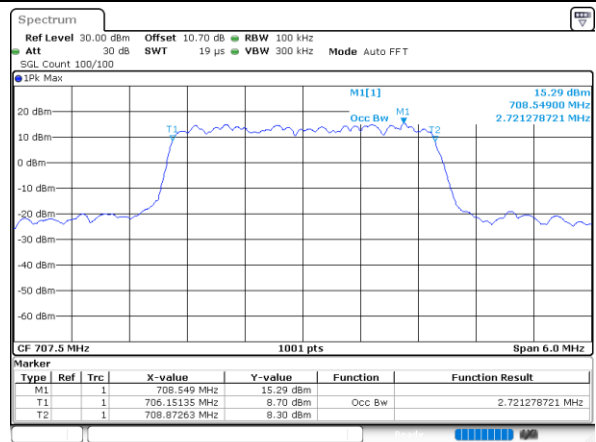
Lowest Channel / 3MHz / 16QAM



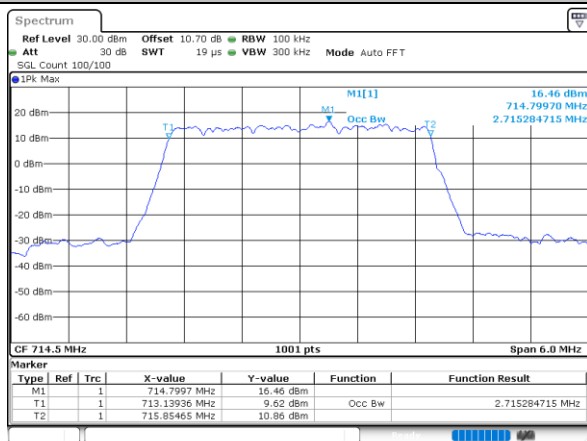
Middle Channel / 3MHz / QPSK



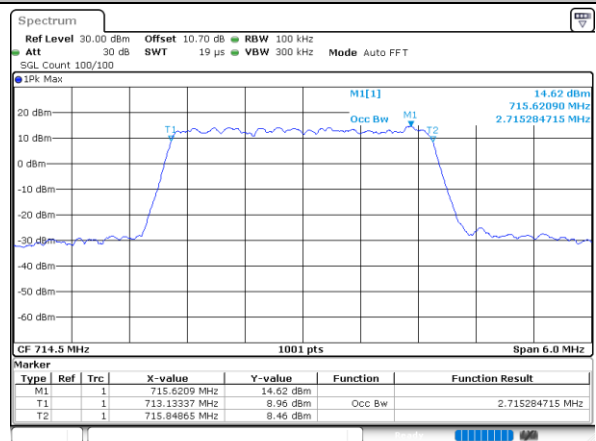
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



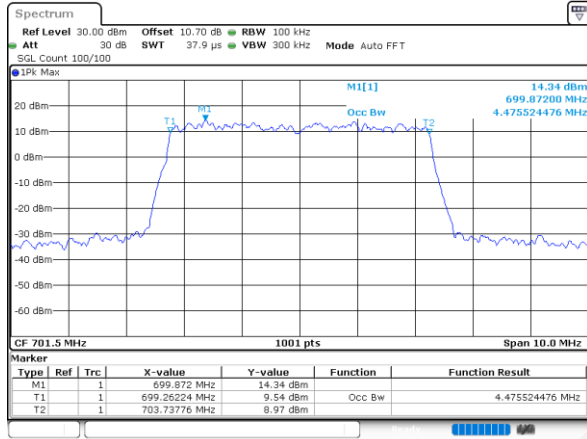
Highest Channel / 3MHz / 16QAM





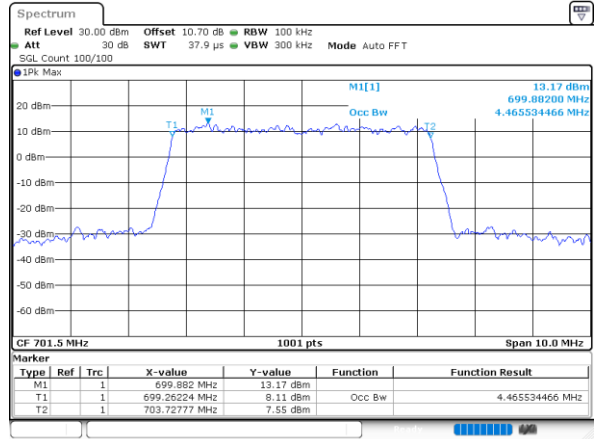
LTE Band 12

Lowest Channel / 5MHz / QPSK



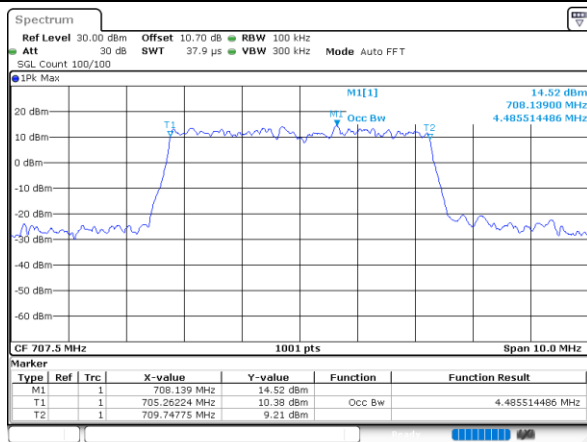
Date: 3,MAR,2020 12:26:15

Lowest Channel / 5MHz / 16QAM



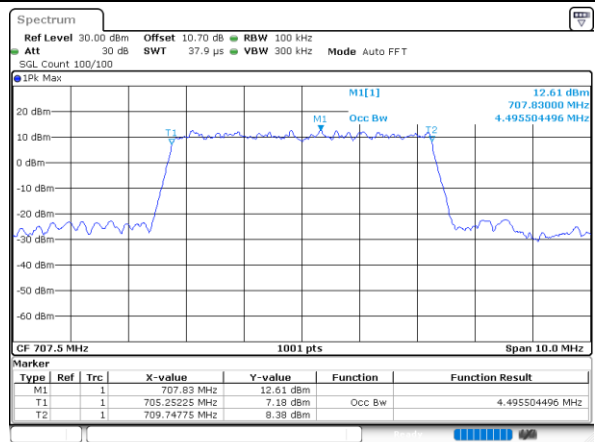
Date: 3,MAR,2020 12:26:28

Middle Channel / 5MHz / QPSK



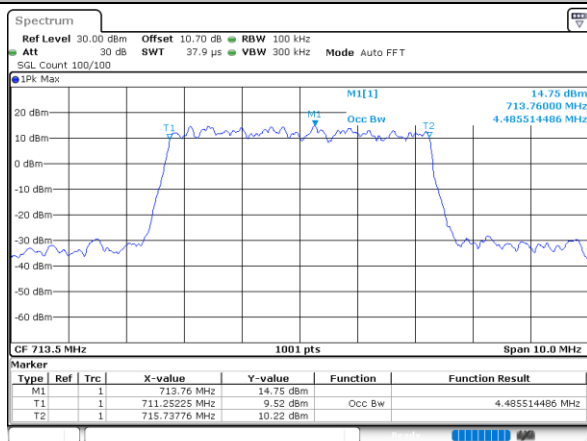
Date: 3,MAR,2020 12:32:34

Middle Channel / 5MHz / 16QAM



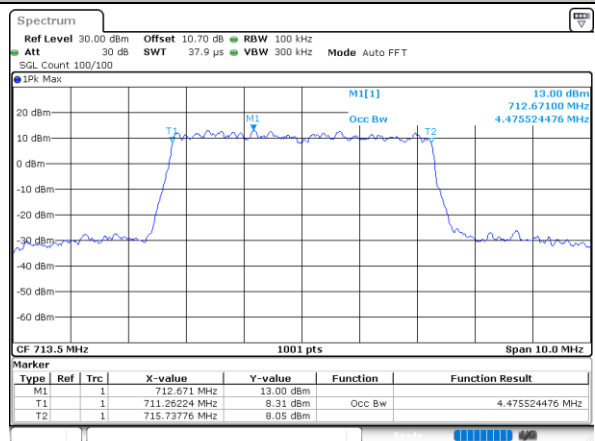
Date: 3,MAR,2020 12:32:22

Highest Channel / 5MHz / QPSK



Date: 3,MAR,2020 12:34:27

Highest Channel / 5MHz / 16QAM

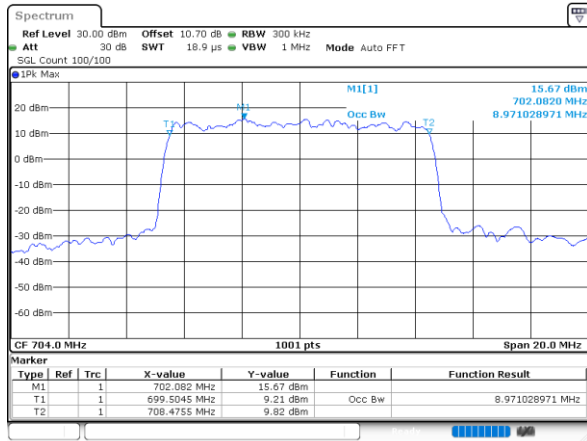


Date: 3,MAR,2020 12:34:40

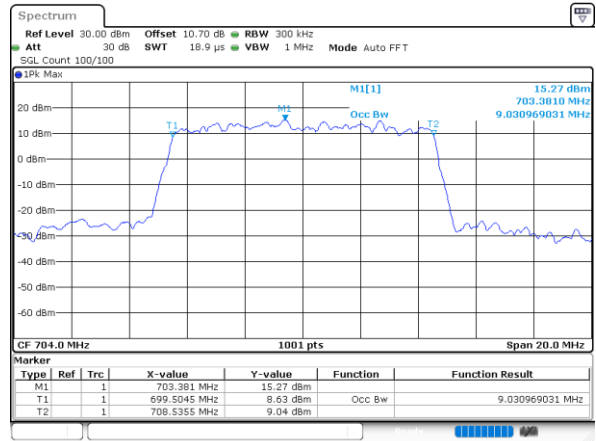


LTE Band 12

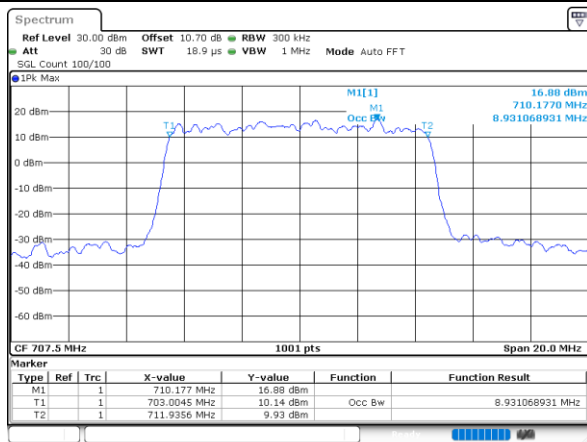
Lowest Channel / 10MHz / QPSK



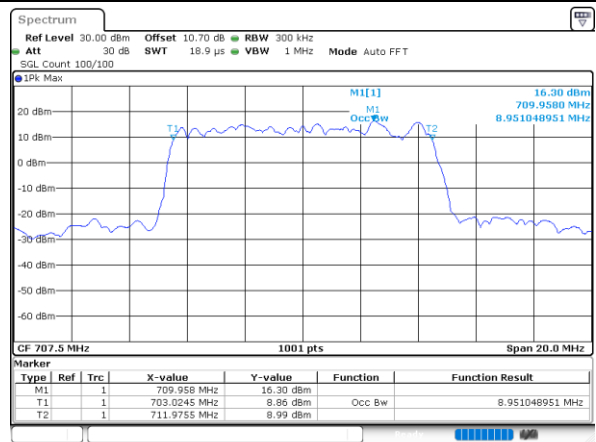
Lowest Channel / 10MHz / 16QAM



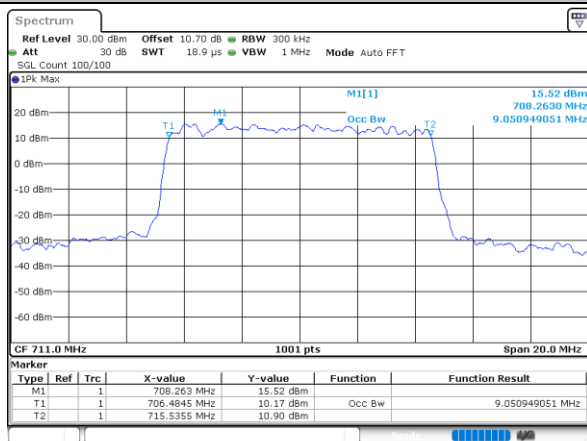
Middle Channel / 10MHz / QPSK



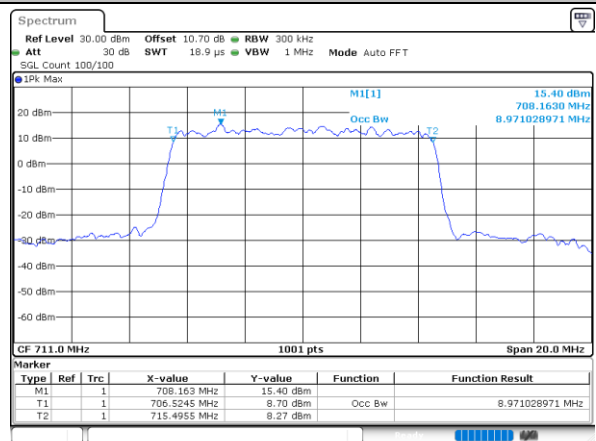
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



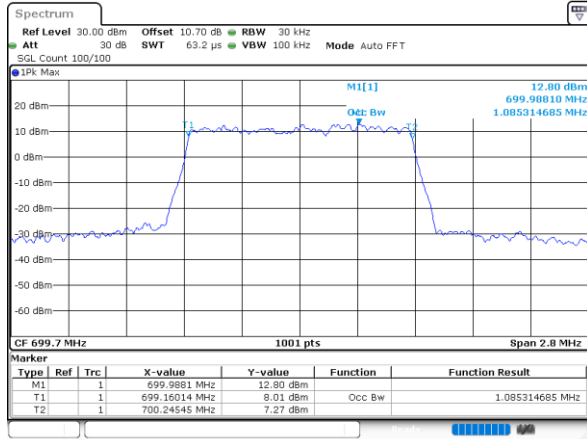
Highest Channel / 10MHz / 16QAM





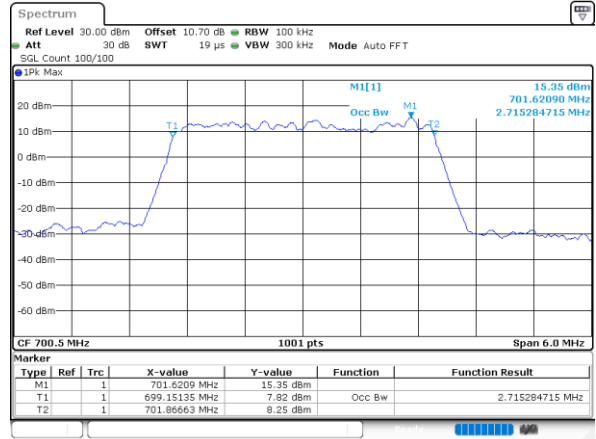
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



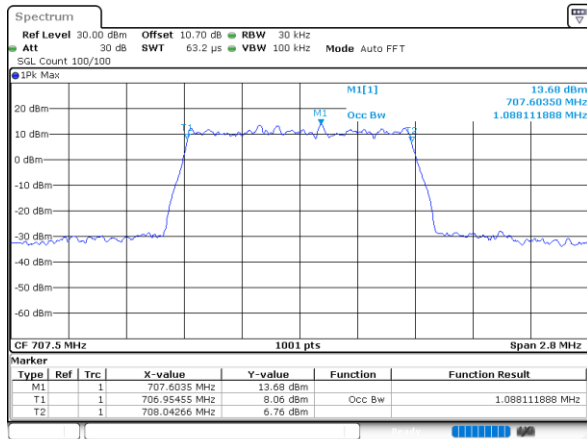
Date: 3,MAR,2020 11:53:26

Lowest Channel / 3MHz / 64QAM



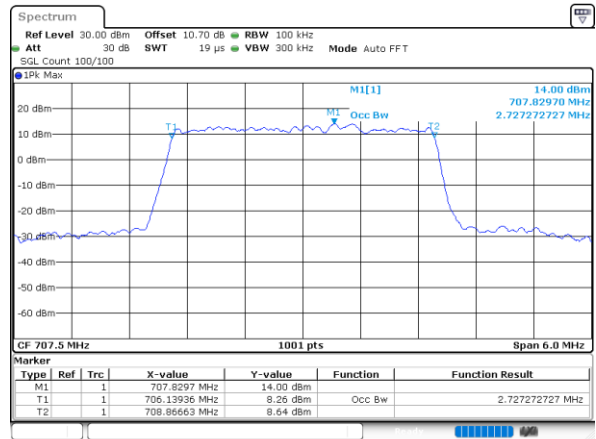
Date: 3,MAR,2020 12:11:56

Middle Channel / 1.4MHz / 64QAM



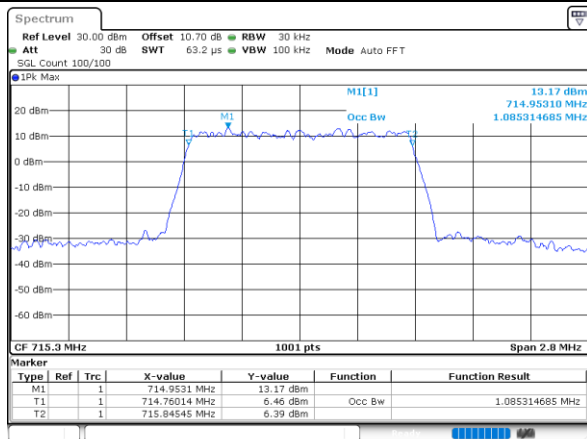
Date: 3,MAR,2020 11:53:29

Middle Channel / 3MHz / 64QAM



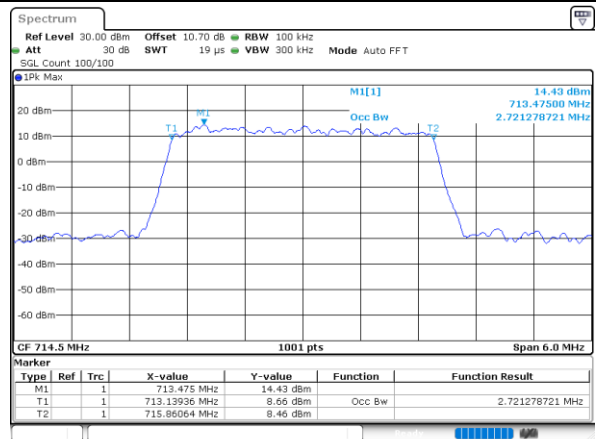
Date: 3,MAR,2020 12:14:59

Highest Channel / 1.4MHz / 64QAM



Date: 3,MAR,2020 11:54:32

Highest Channel / 3MHz / 64QAM

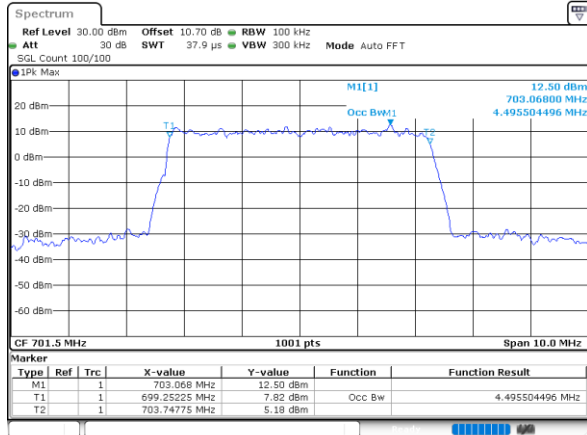


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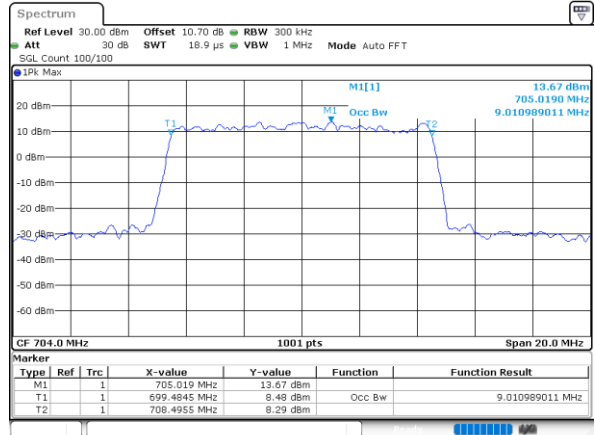


LTE Band 12

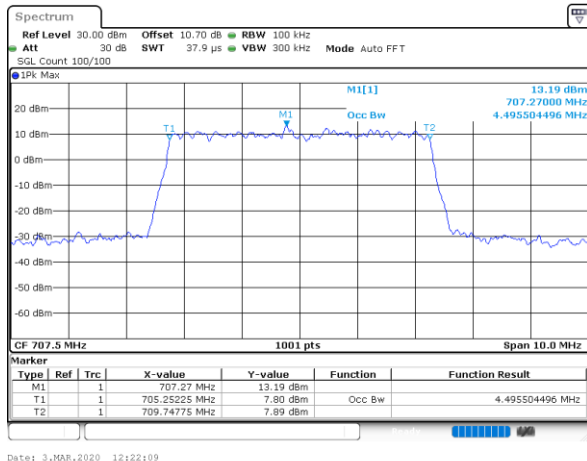
Lowest Channel / 5MHz / 64QAM



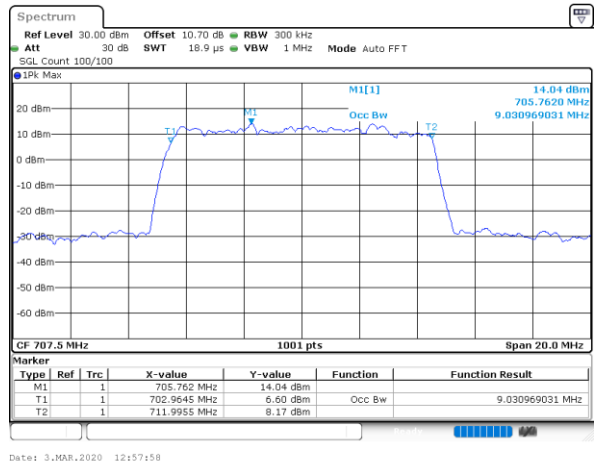
Lowest Channel / 10MHz / 64QAM



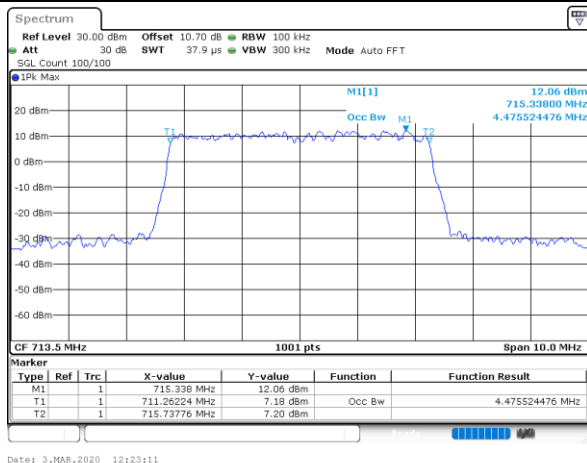
Middle Channel / 5MHz / 64QAM



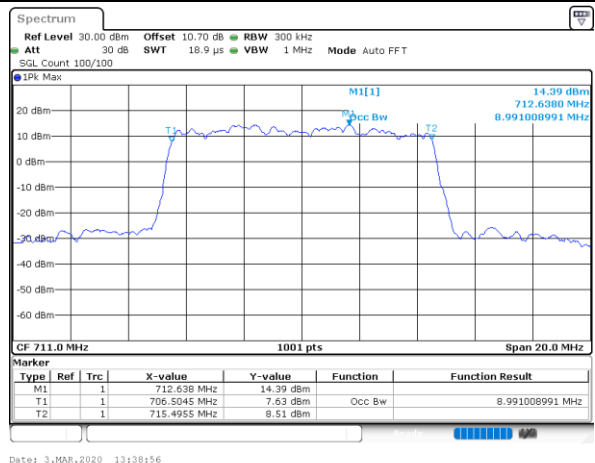
Middle Channel / 10MHz / 64QAM

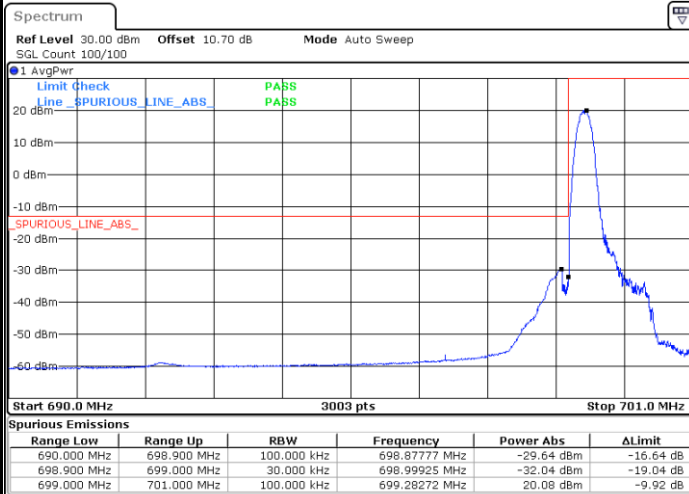
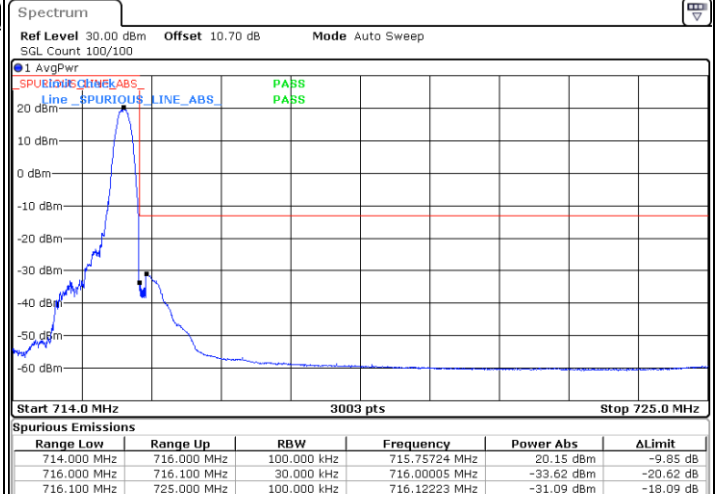
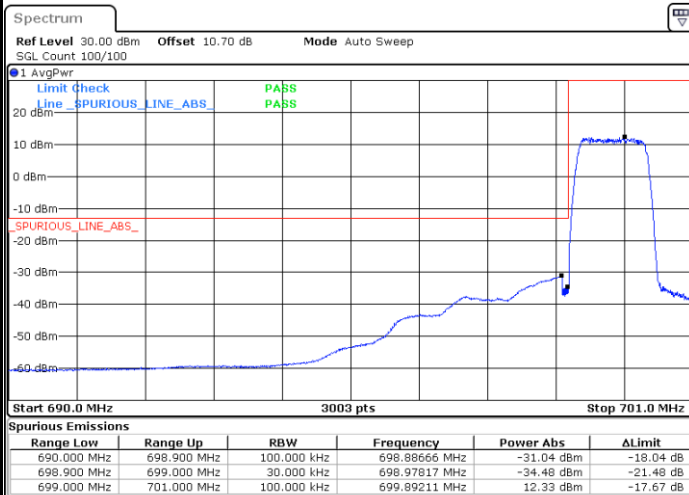
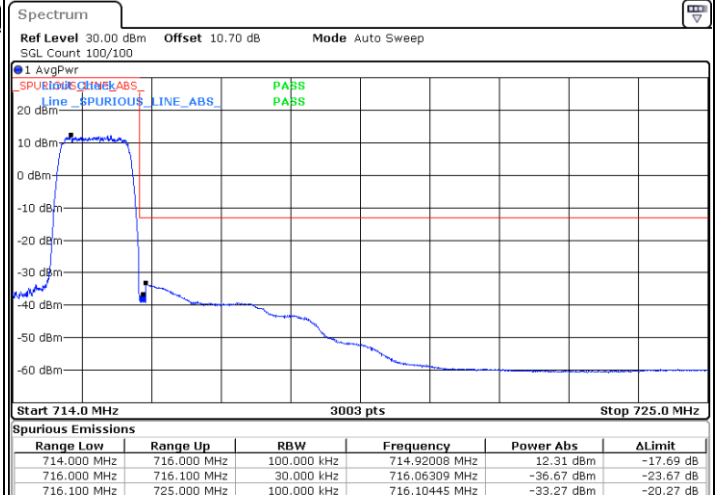


Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

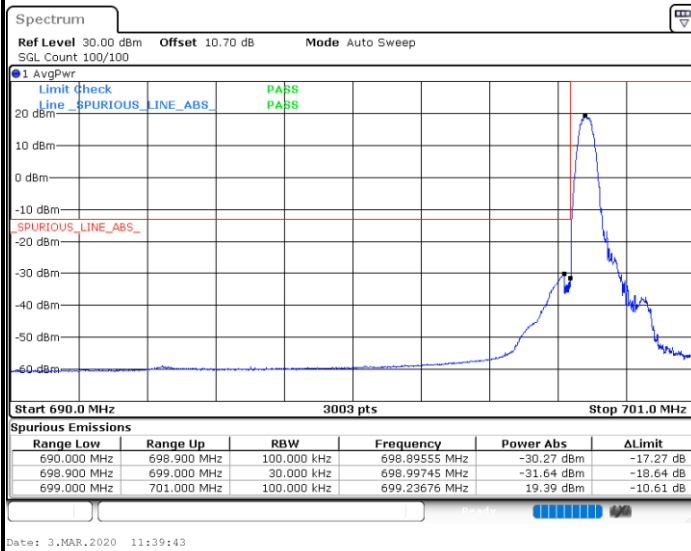


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

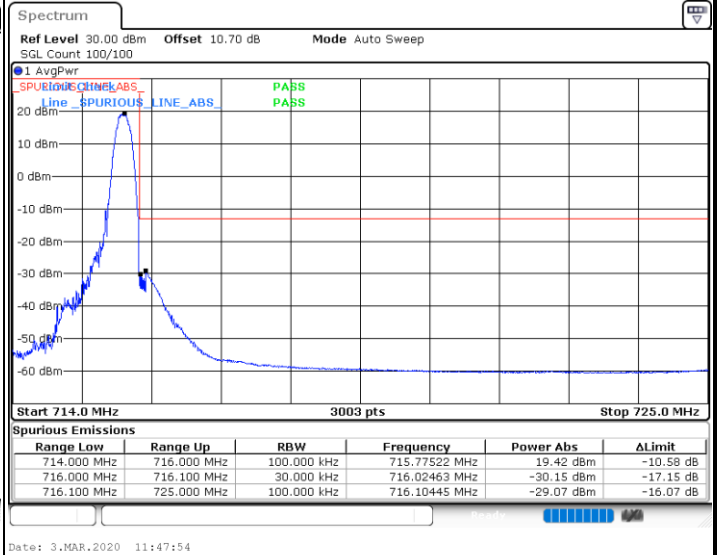


LTE Band 12 / 1.4MHz / 16QAM

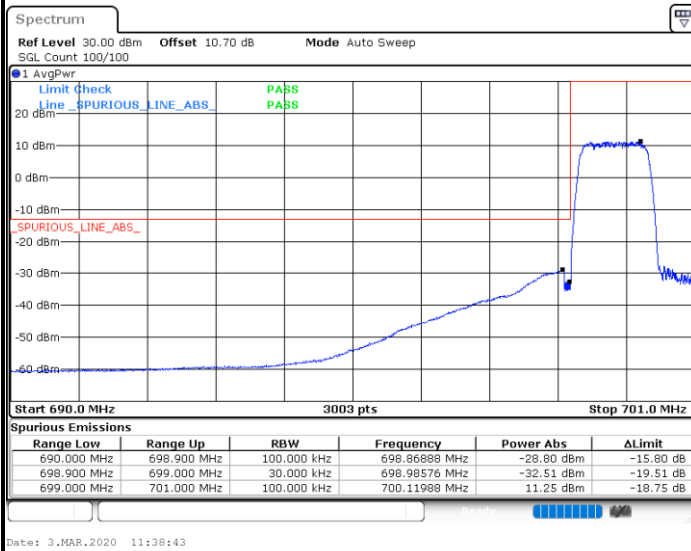
Lowest Band Edge / 1 RB



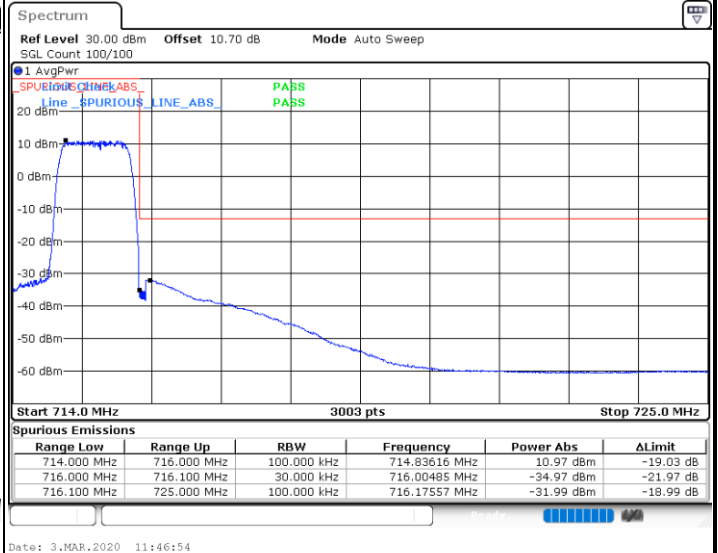
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



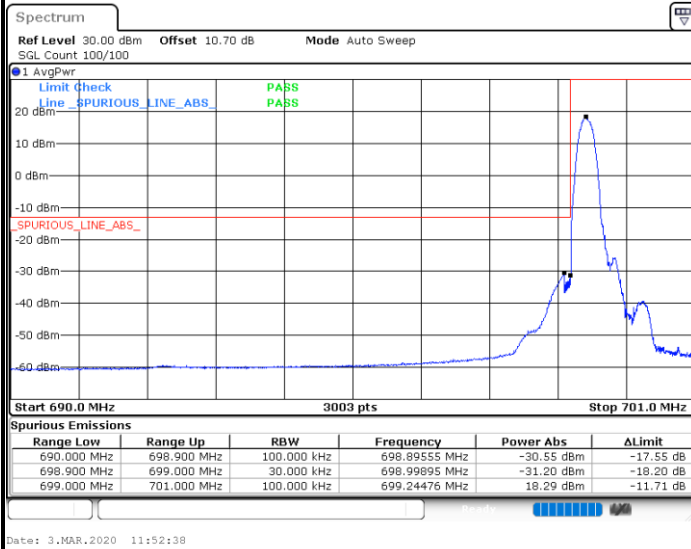
Highest Band Edge / Full RB



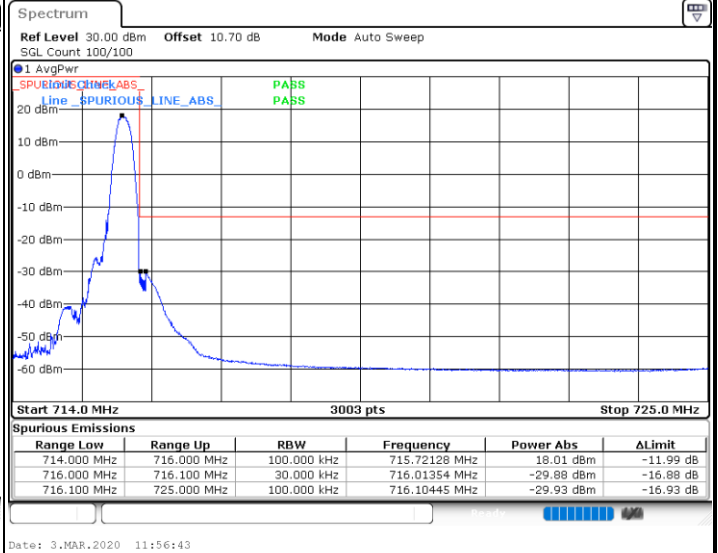


LTE Band 12 / 1.4MHz / 64QAM

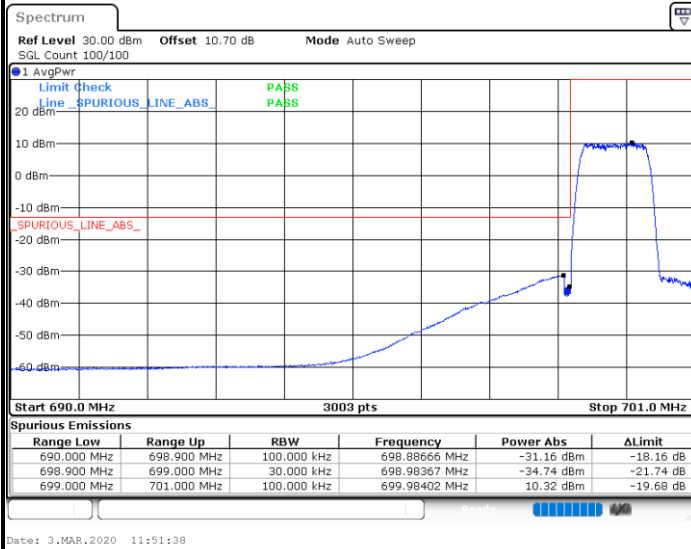
Lowest Band Edge / 1 RB



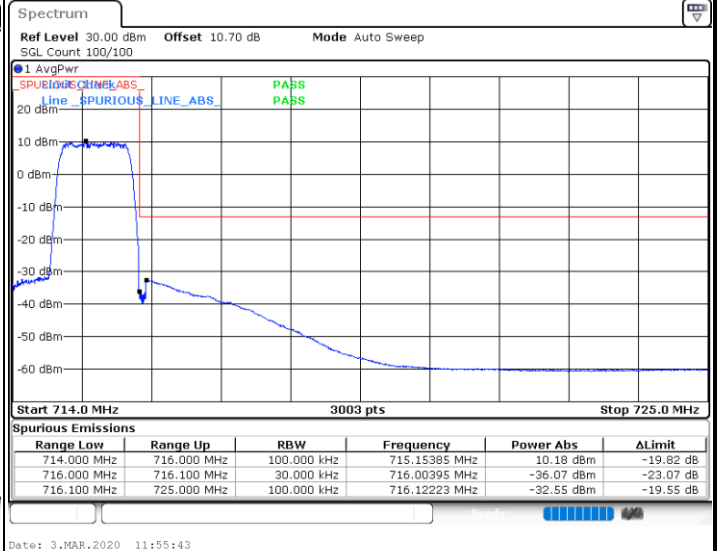
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



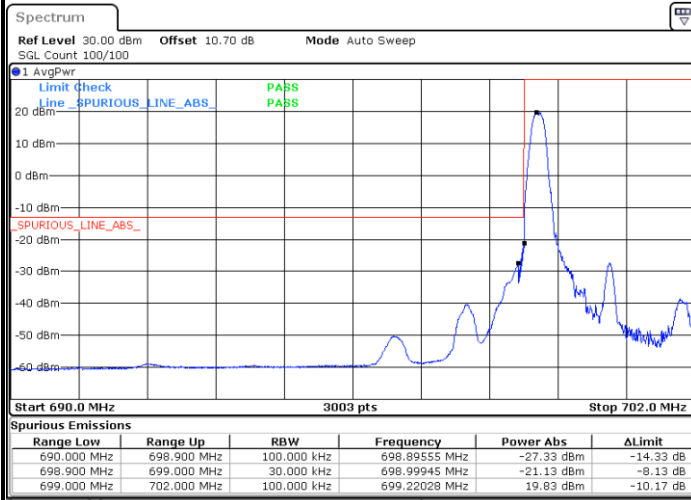
Highest Band Edge / Full RB



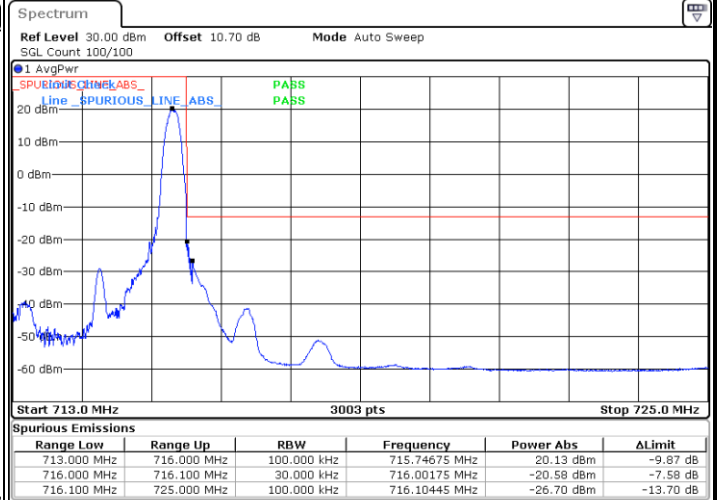


LTE Band 12 / 3MHz / QPSK

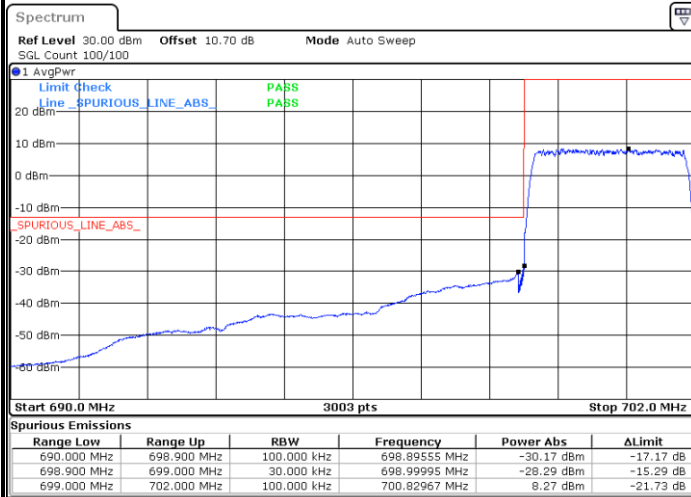
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



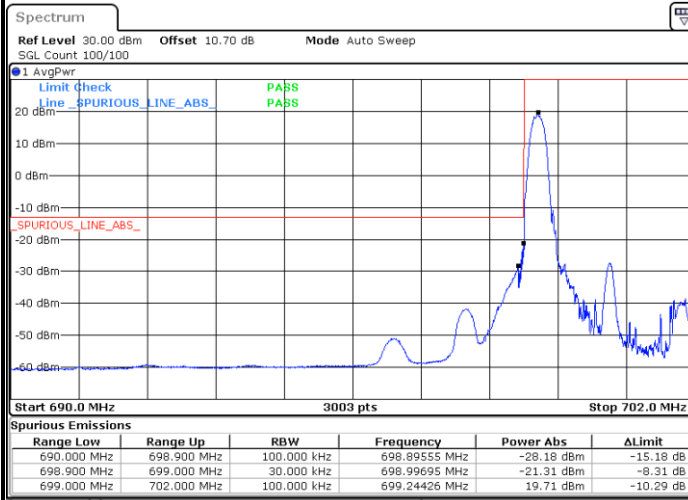
Highest Band Edge / Full RB



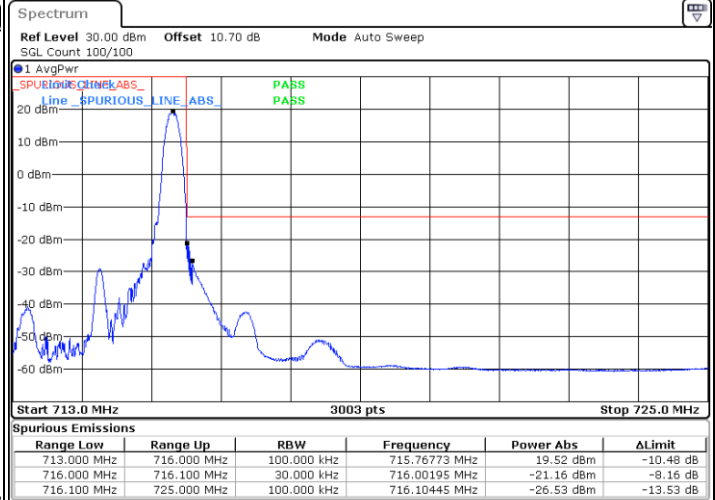


LTE Band 12 / 3MHz / 16QAM

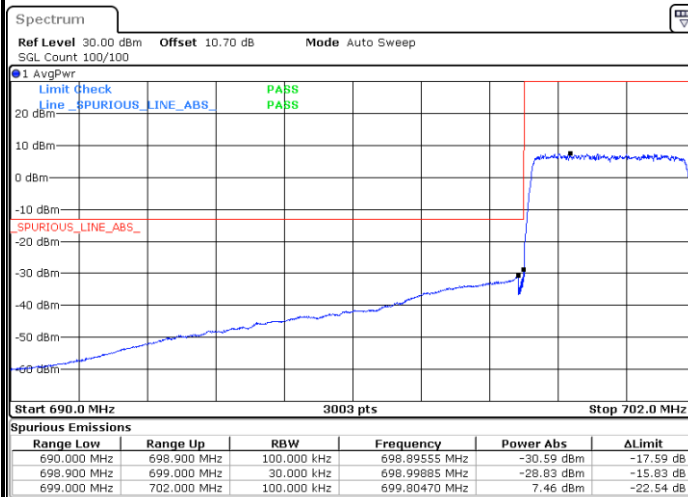
Lowest Band Edge / 1 RB



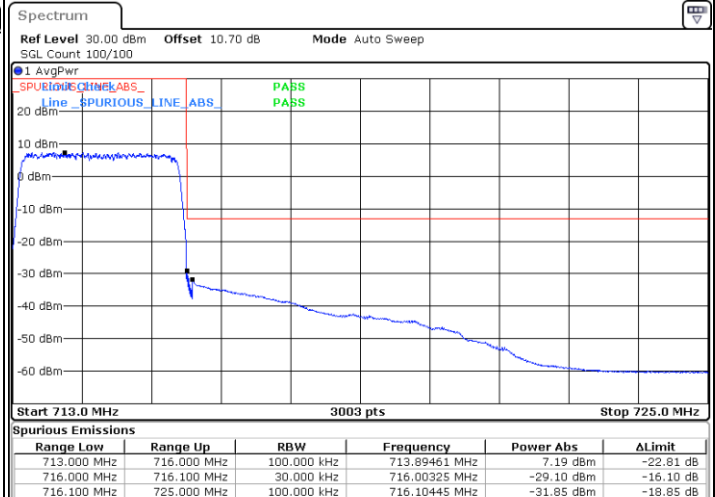
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



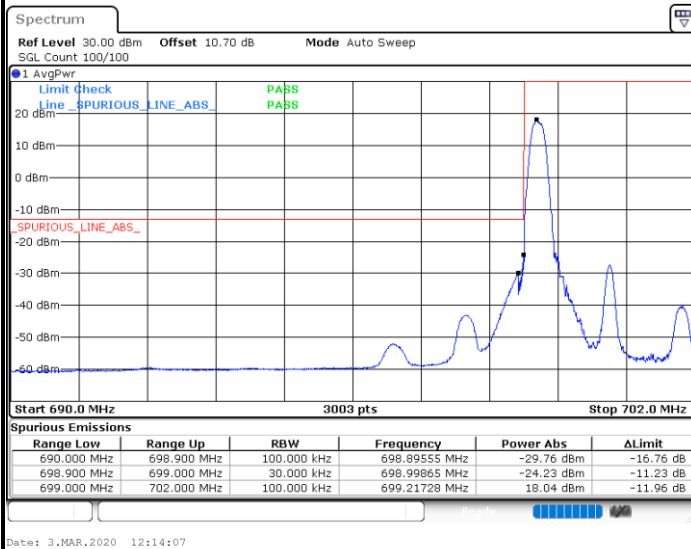
Highest Band Edge / Full RB



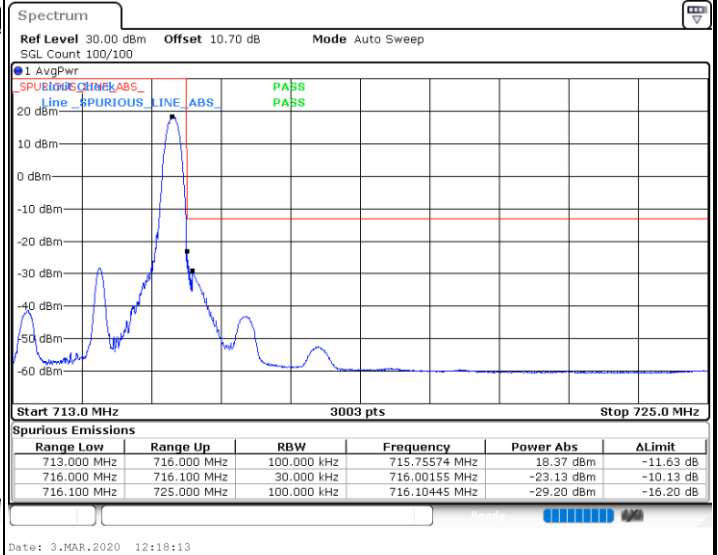


LTE Band 12 / 3MHz / 64QAM

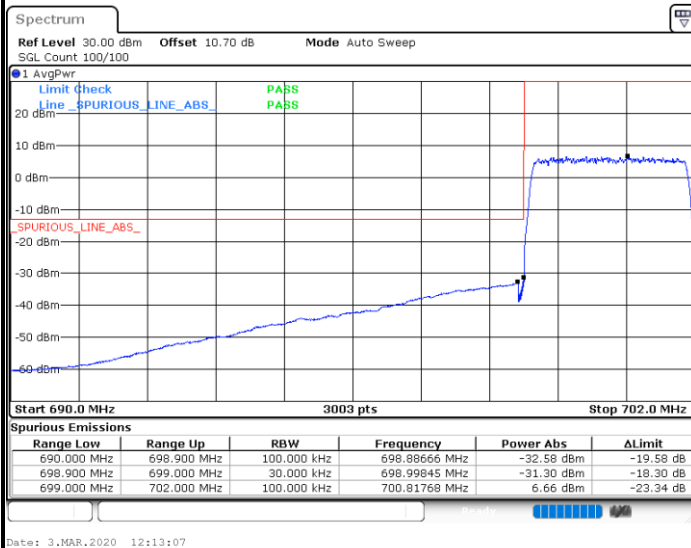
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

