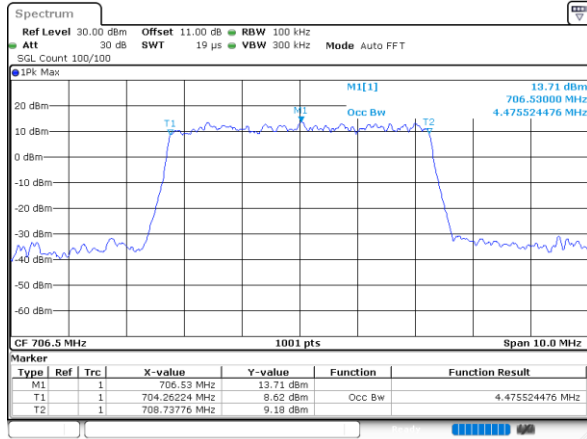


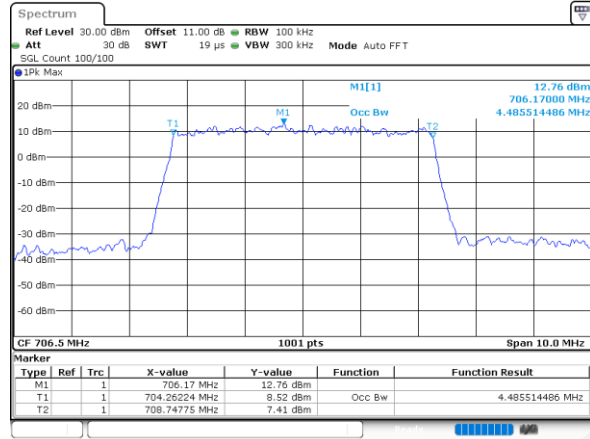


LTE Band 17

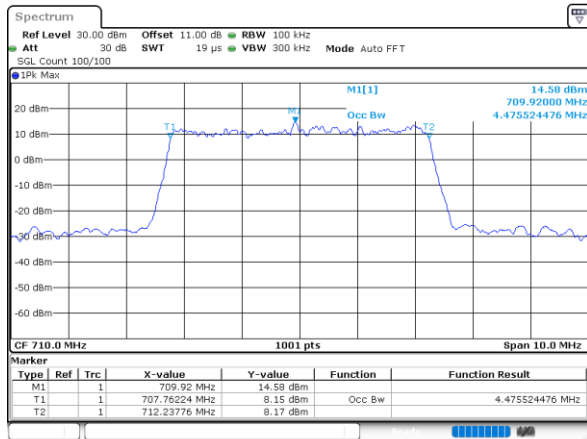
Lowest Channel / 5MHz / QPSK



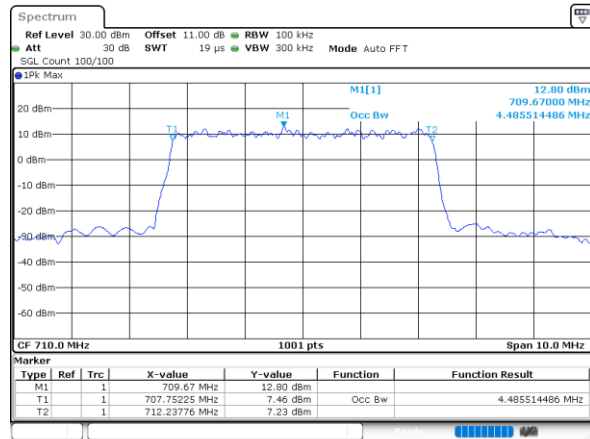
Lowest Channel / 5MHz / 16QAM



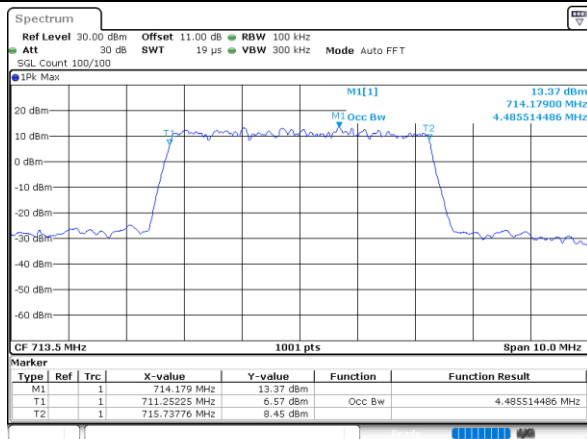
Middle Channel / 5MHz / QPSK



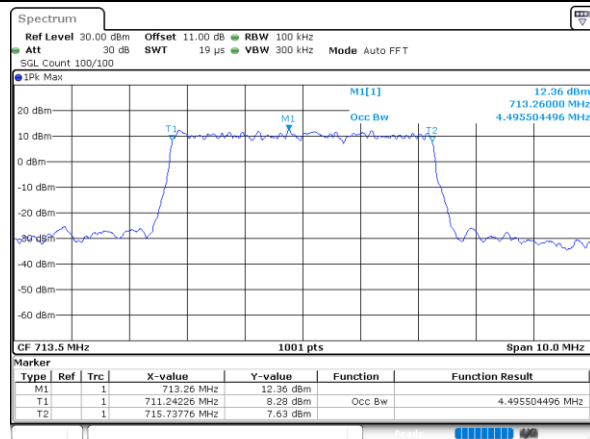
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



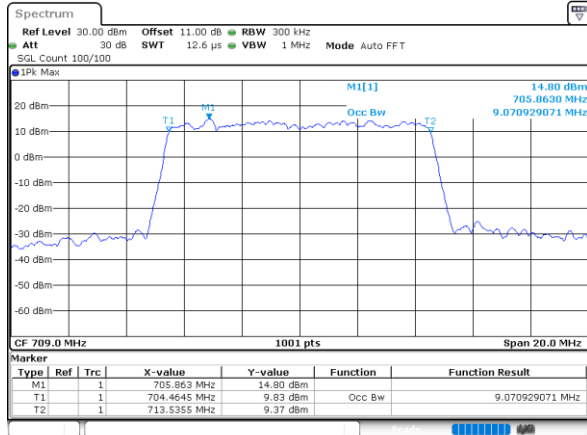
Highest Channel / 5MHz / 16QAM



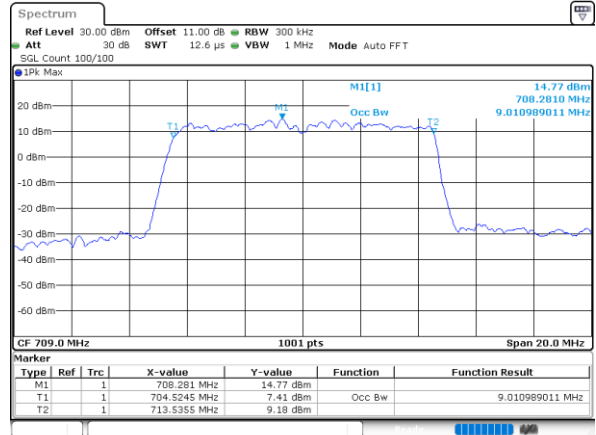


LTE Band 17

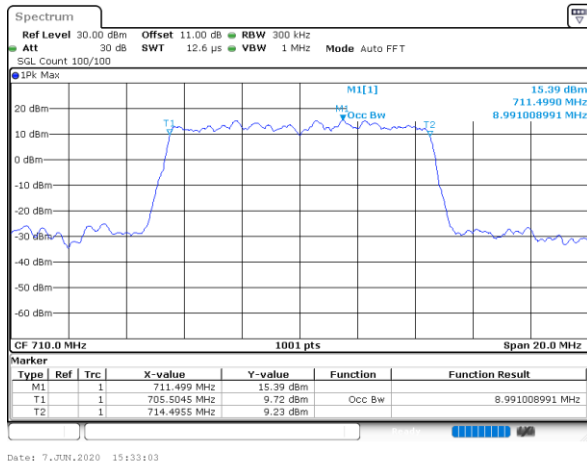
Lowest Channel / 10MHz / QPSK



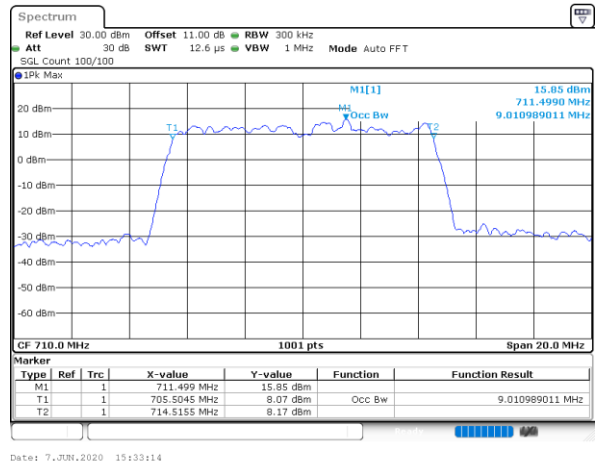
Lowest Channel / 10MHz / 16QAM



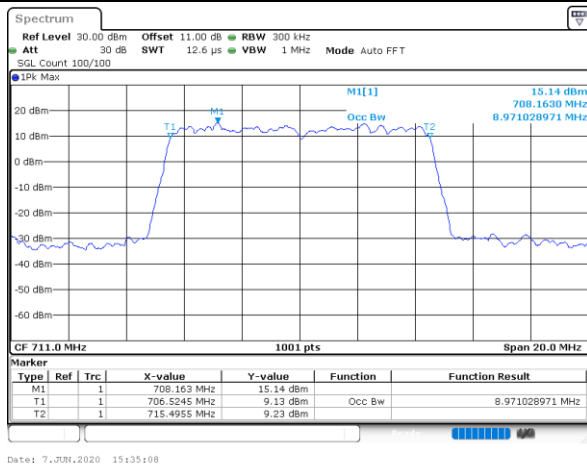
Middle Channel / 10MHz / QPSK



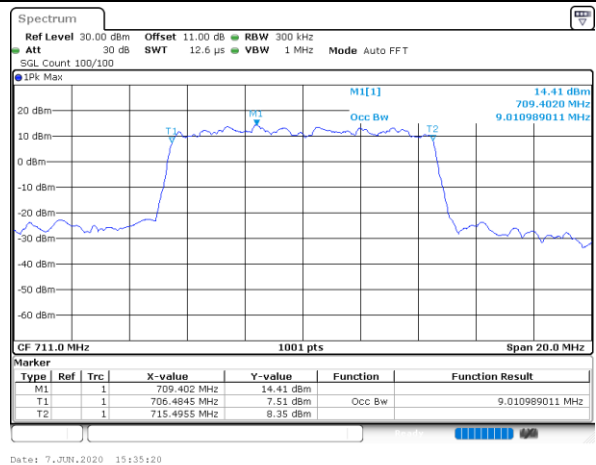
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



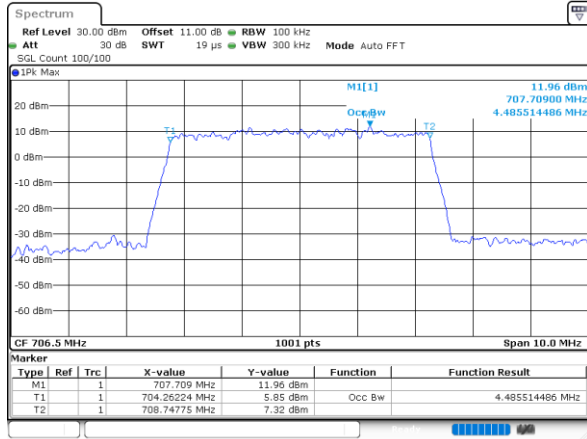
Highest Channel / 10MHz / 16QAM



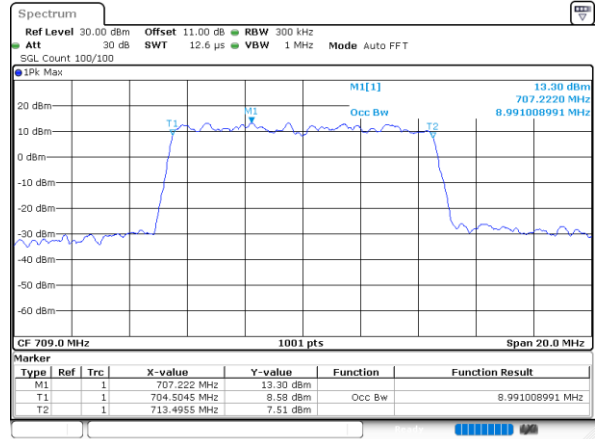


LTE Band 17

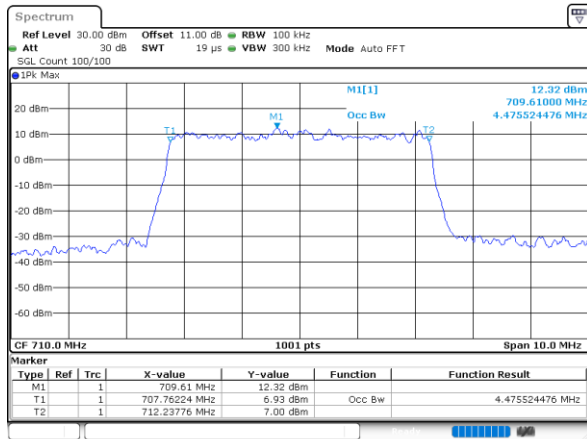
Lowest Channel / 5MHz / 64QAM



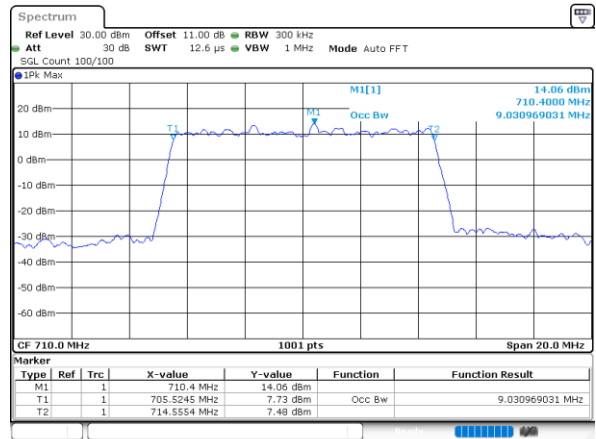
Lowest Channel / 10MHz / 64QAM



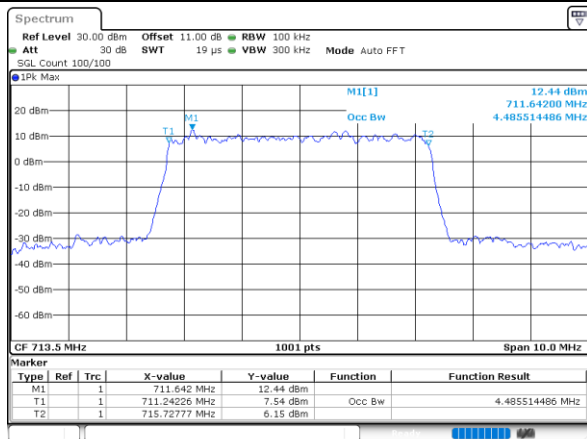
Middle Channel / 5MHz / 64QAM



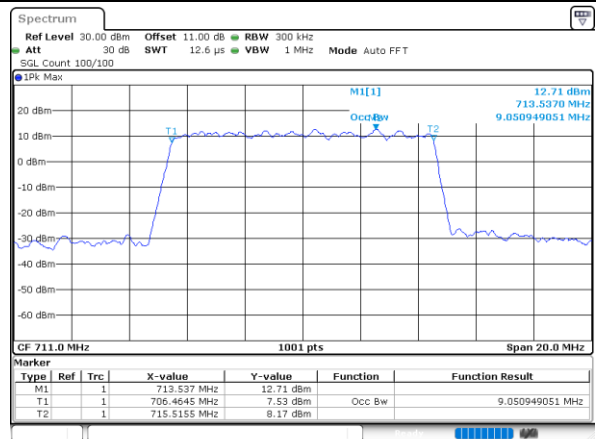
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



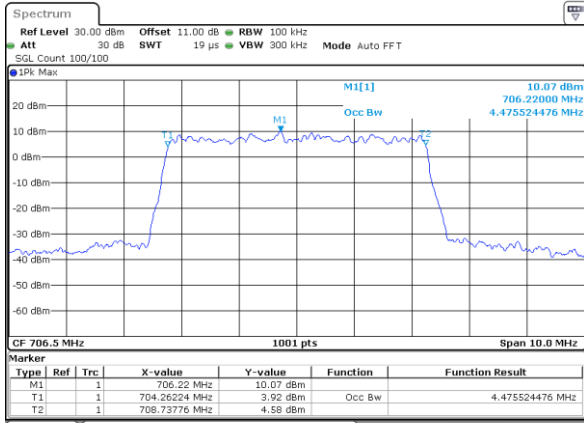
Highest Channel / 10MHz / 64QAM



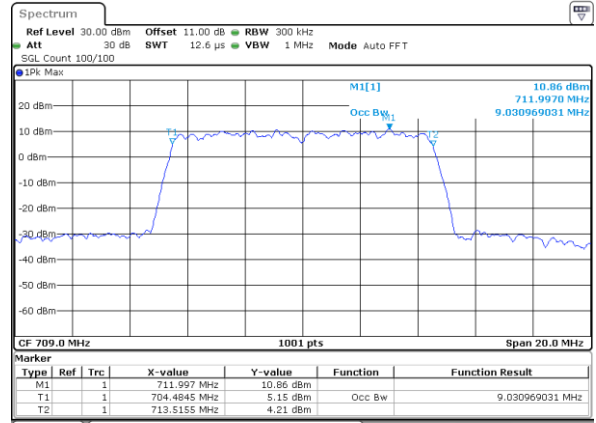


LTE Band 17

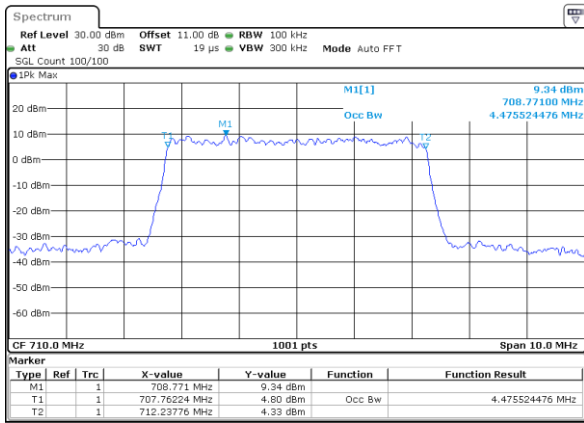
Lowest Channel / 5MHz / 256QAM



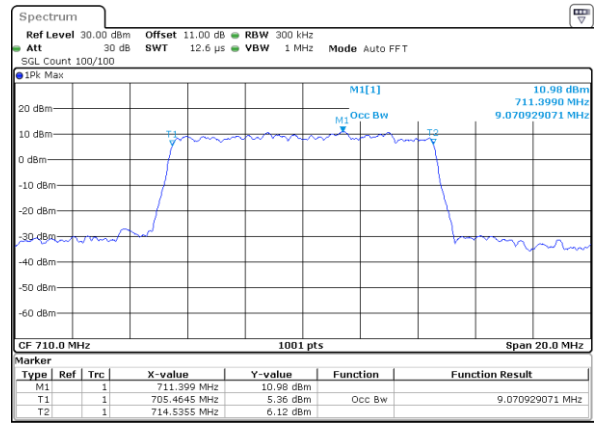
Lowest Channel / 10MHz / 256QAM



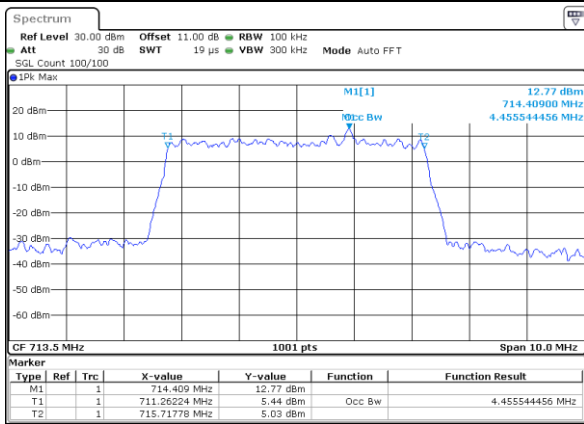
Middle Channel / 5MHz / 256QAM



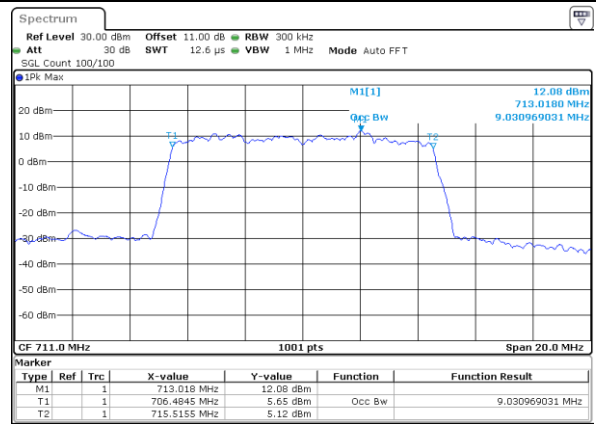
Middle Channel / 10MHz / 256QAM



Highest Channel / 5MHz / 256QAM



Highest Channel / 10MHz / 256QAM

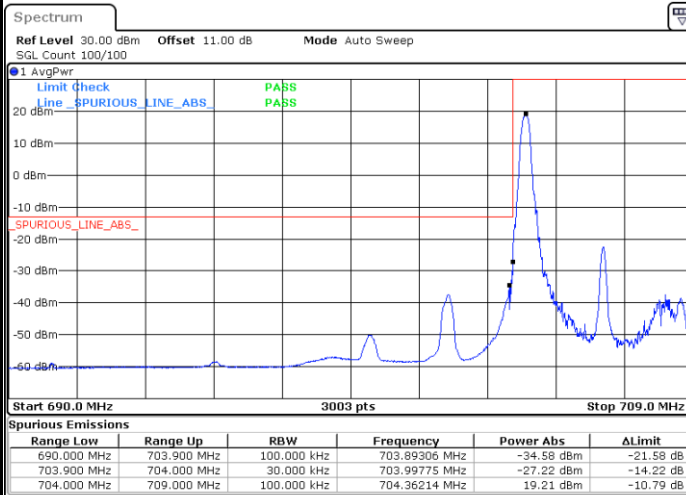




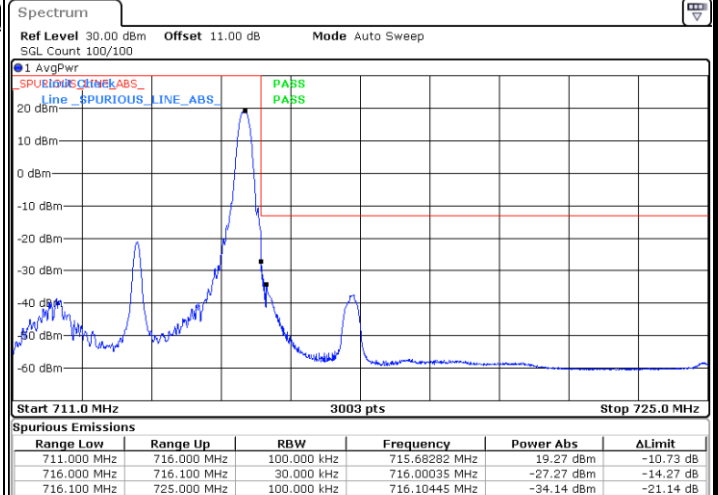
Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

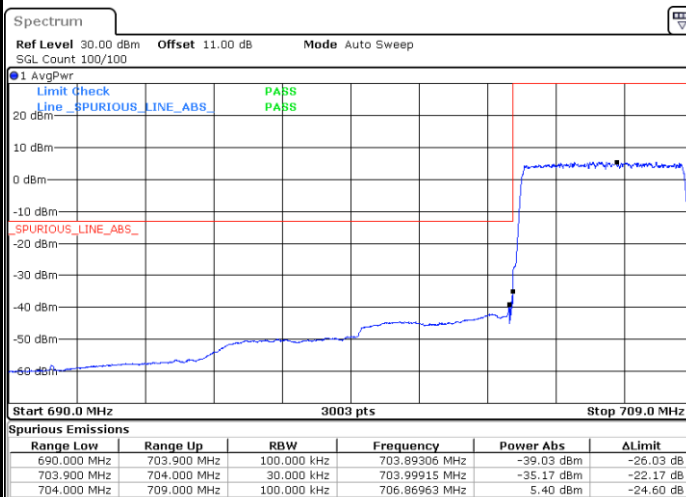
Lowest Band Edge / 1 RB



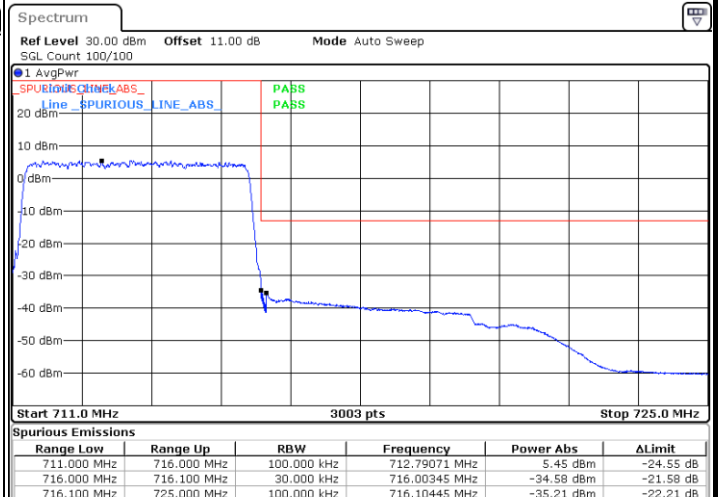
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



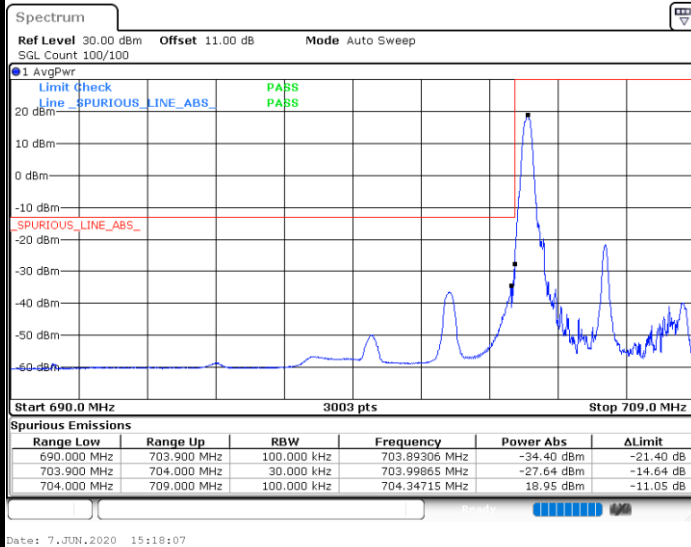
Highest Band Edge / Full RB



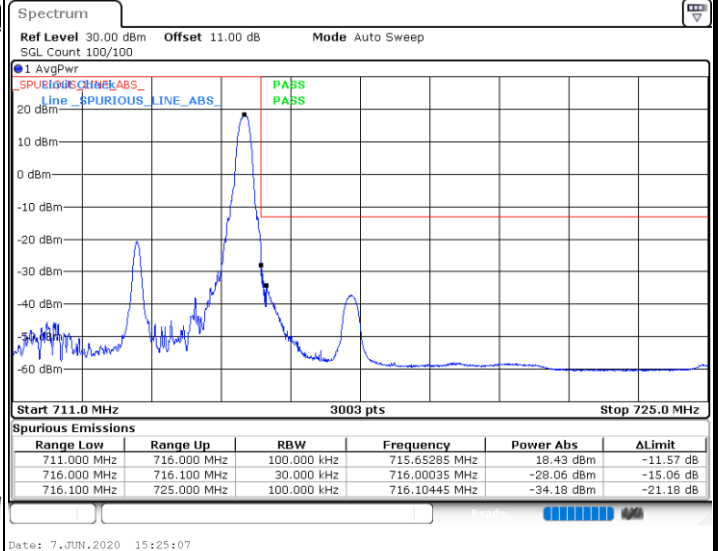


LTE Band 17 / 5MHz / 16QAM

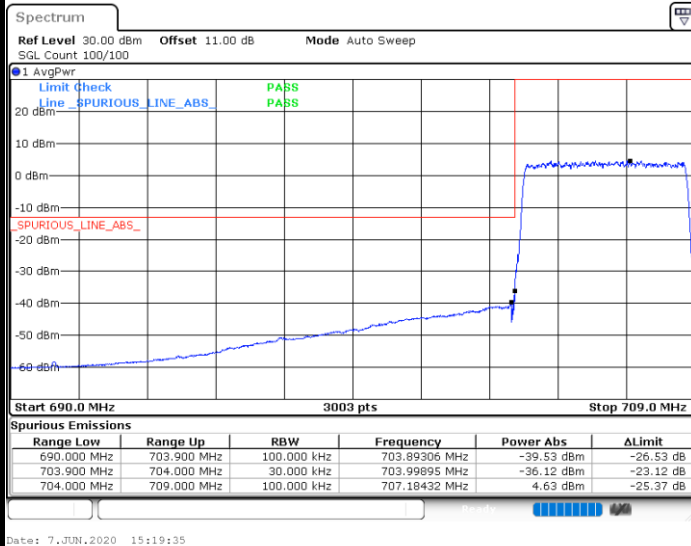
Lowest Band Edge / 1 RB



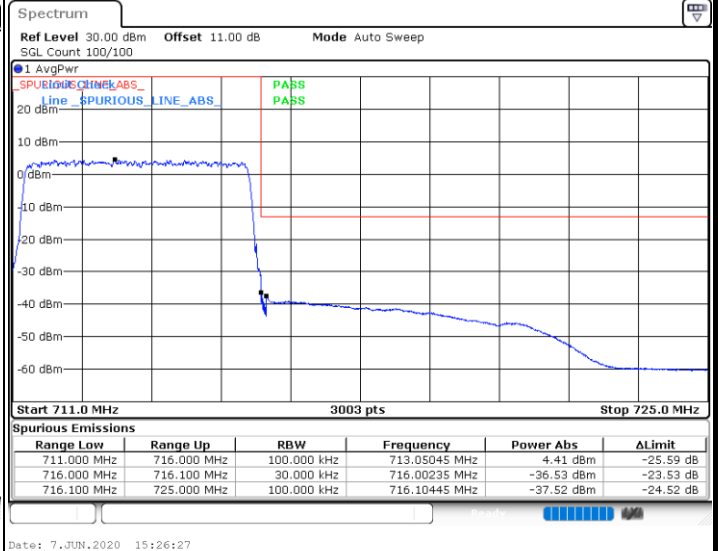
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



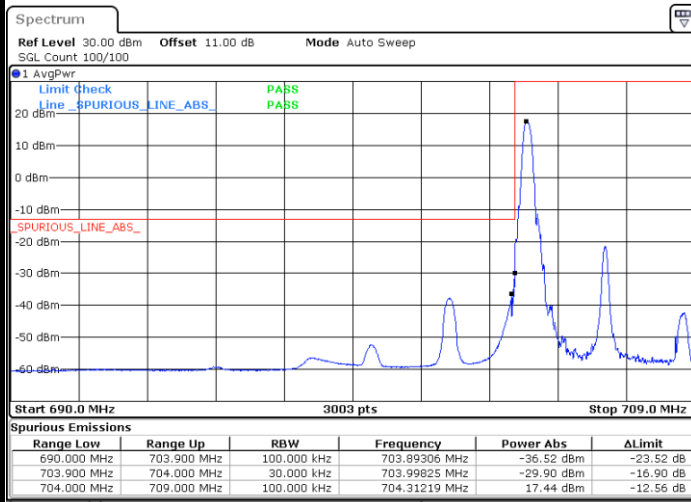
Highest Band Edge / Full RB



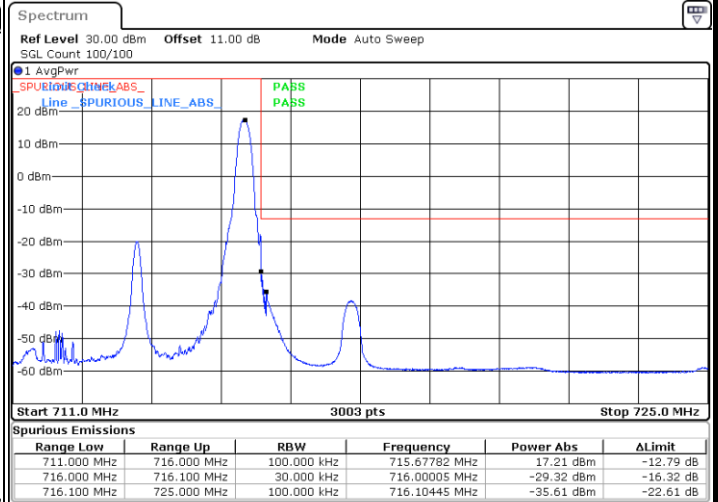


LTE Band 17 / 5MHz / 64QAM

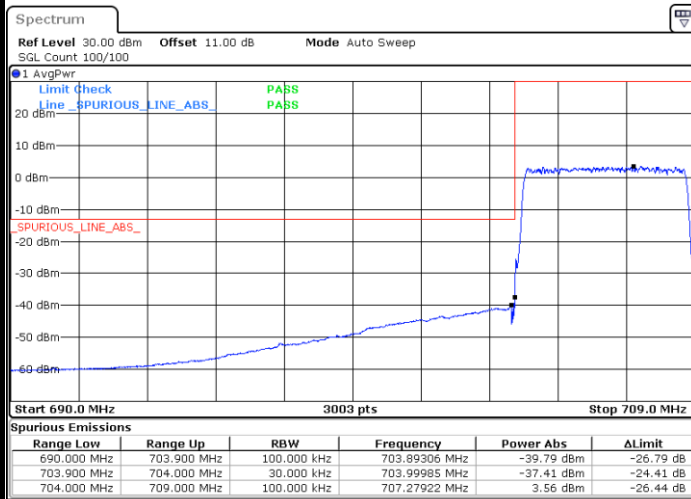
Lowest Band Edge / 1 RB



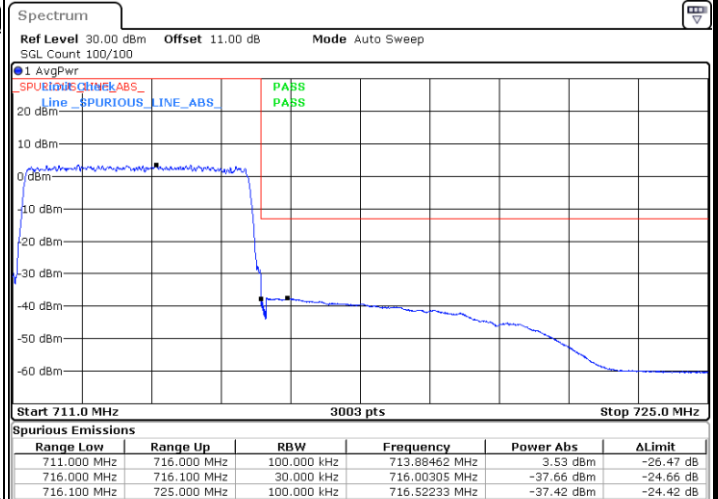
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



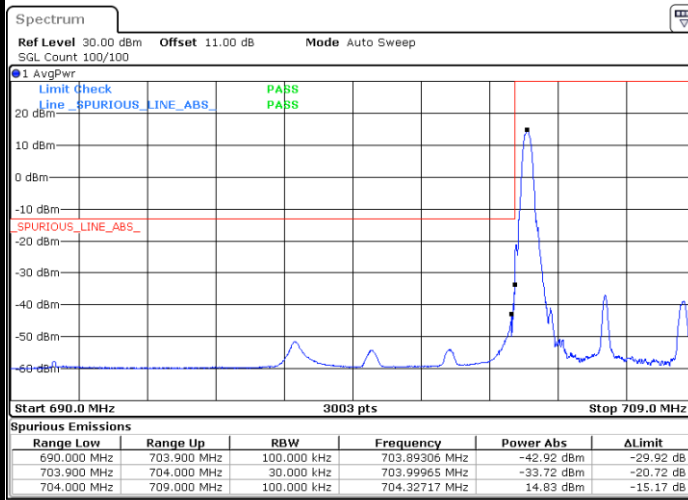
Highest Band Edge / Full RB



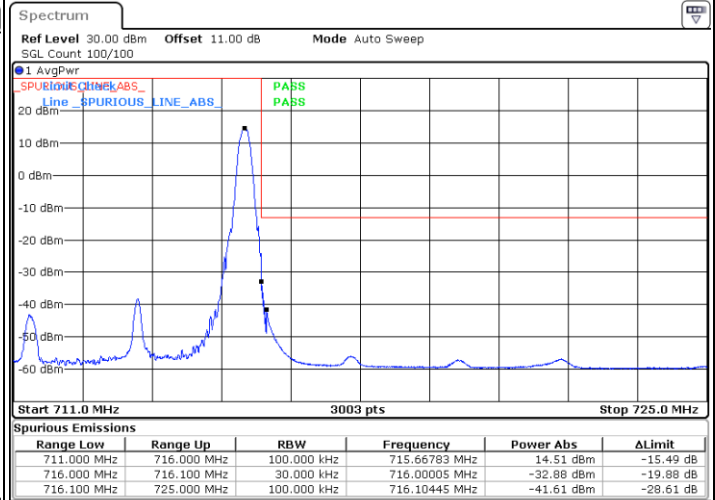


LTE Band 17 / 5MHz / 256QAM

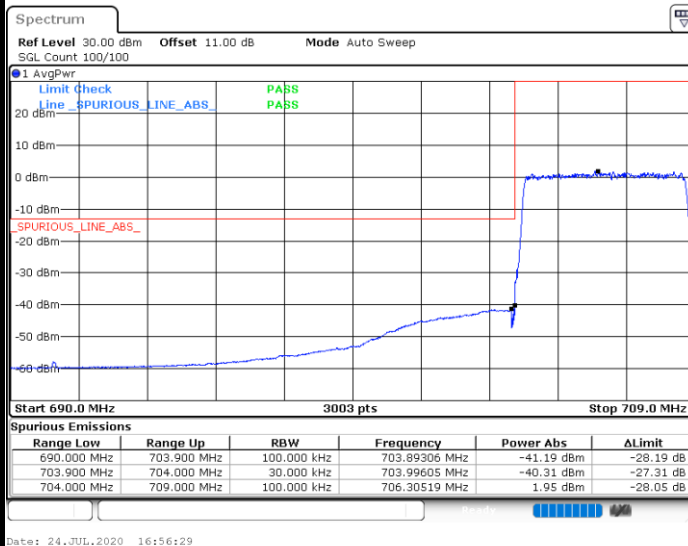
Lowest Band Edge / 1 RB



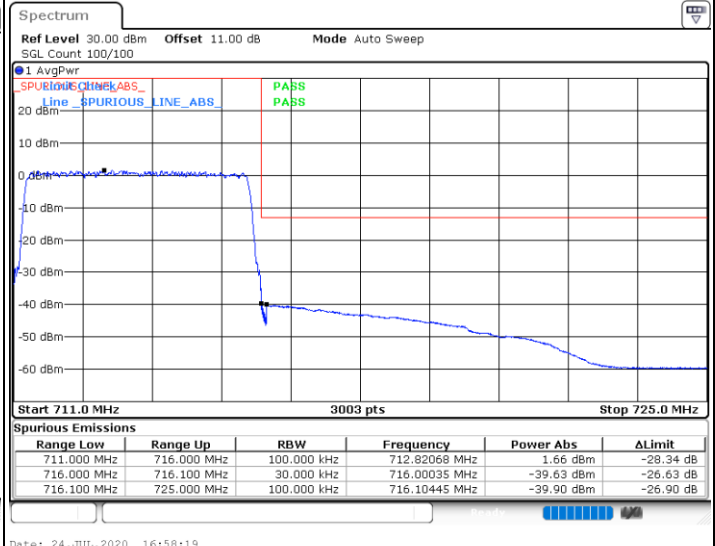
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



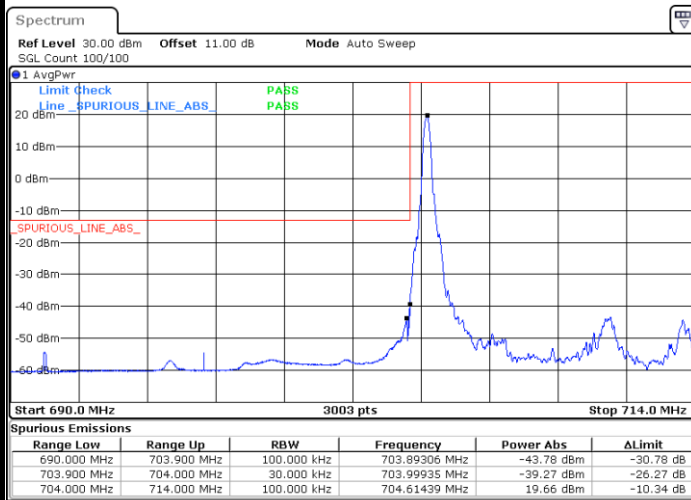
Highest Band Edge / Full RB



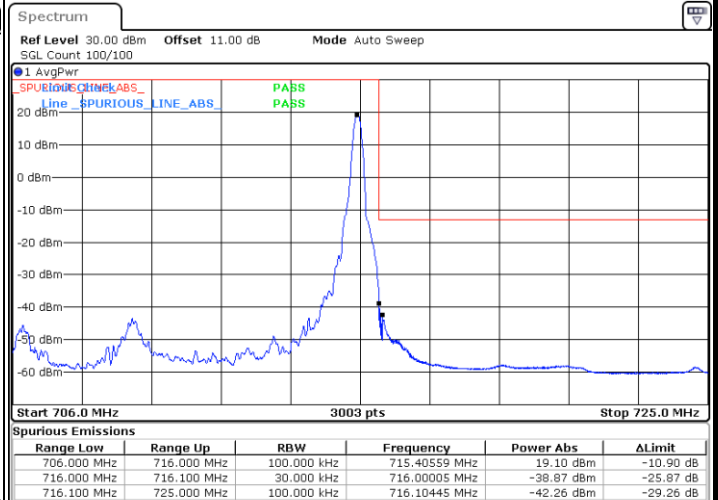


LTE Band 17 / 10MHz / QPSK

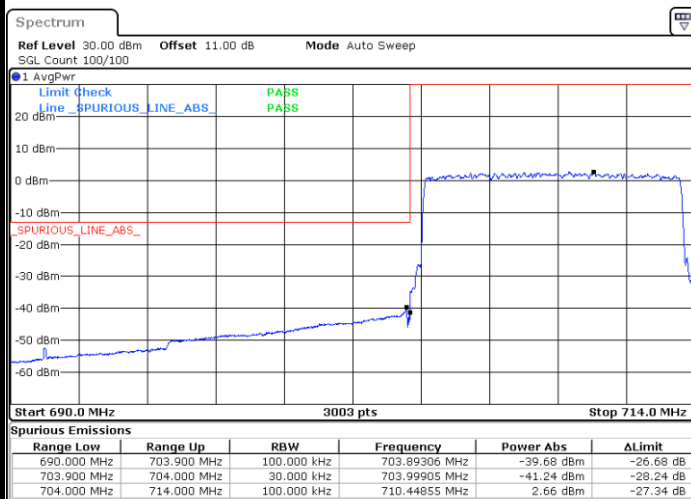
Lowest Band Edge / 1 RB



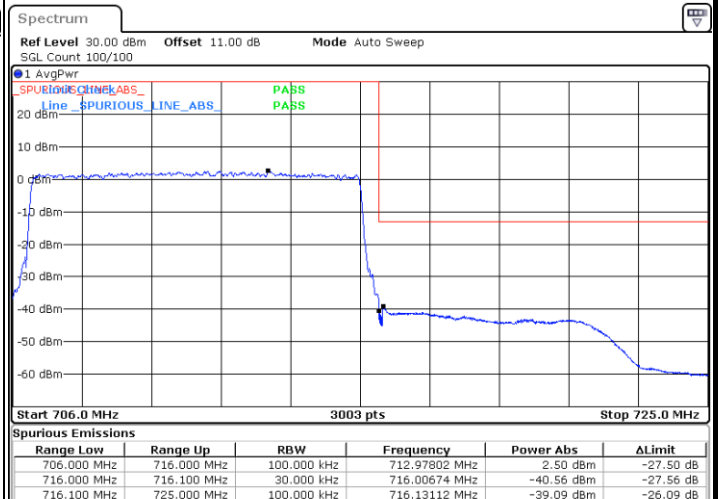
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



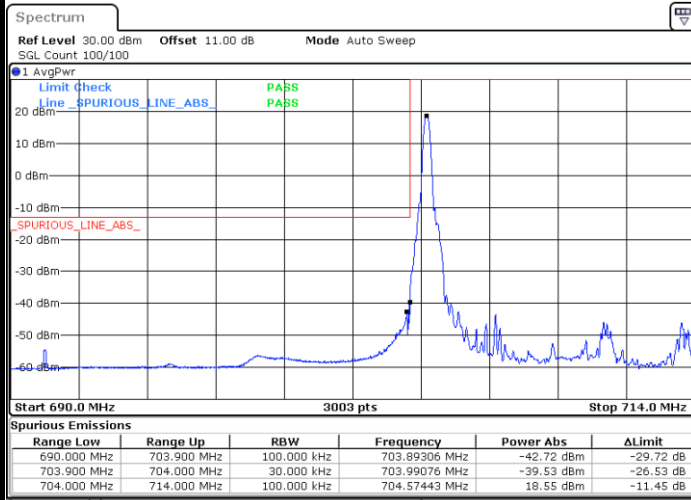
Highest Band Edge / Full RB



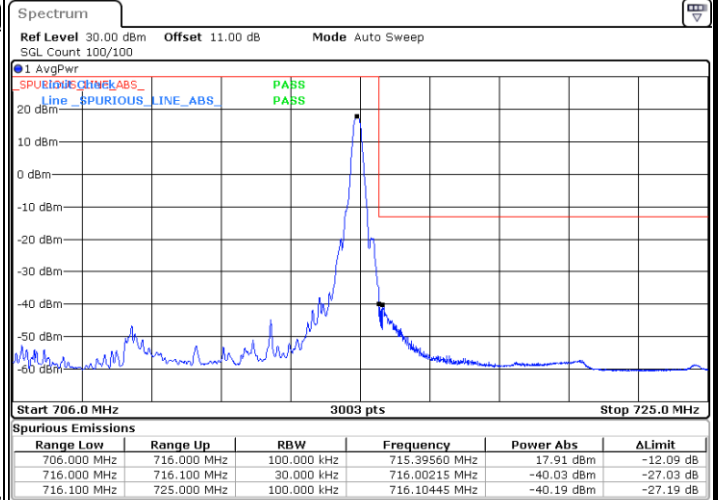


LTE Band 17 / 10MHz / 16QAM

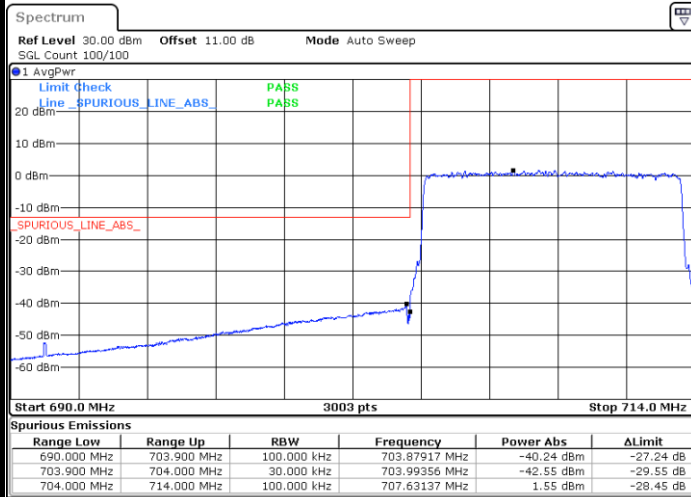
Lowest Band Edge / 1 RB



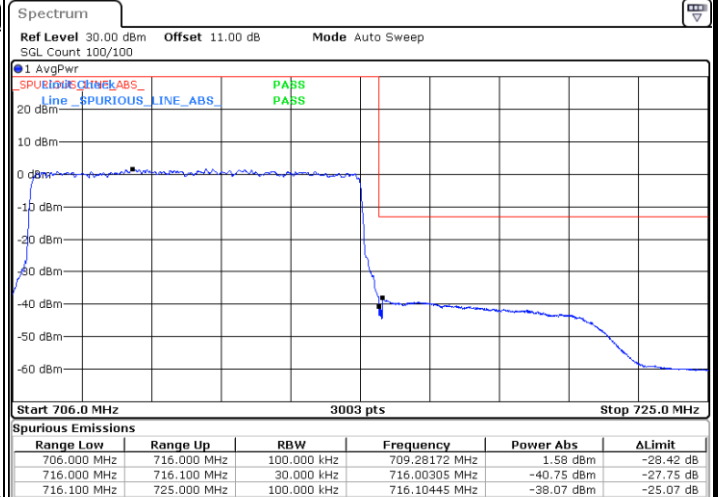
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



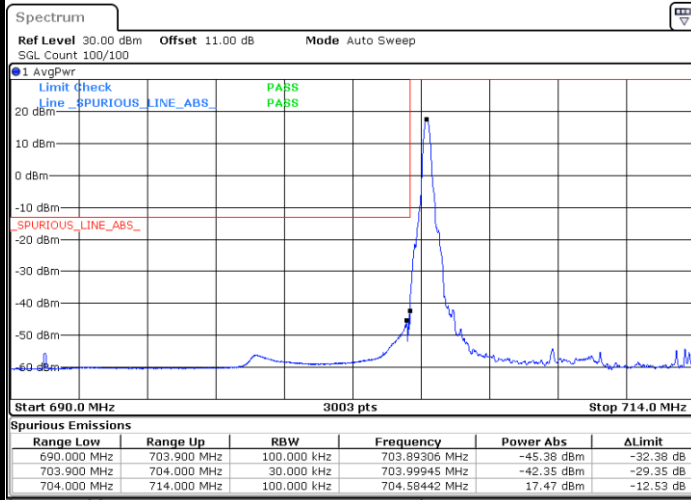
Highest Band Edge / Full RB



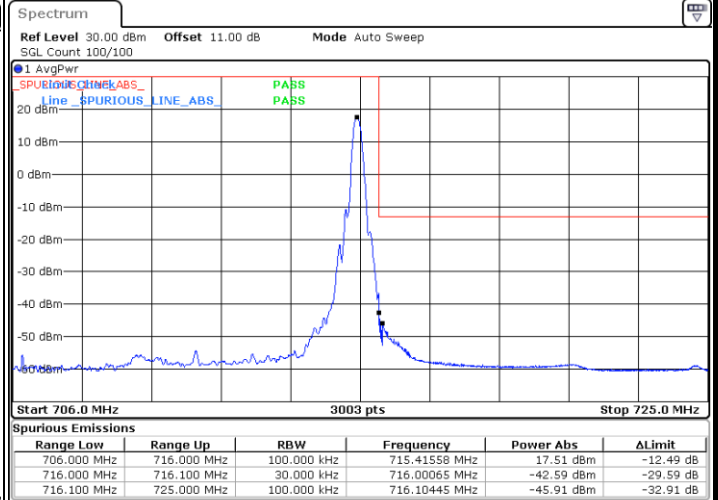


LTE Band 17 / 10MHz / 64QAM

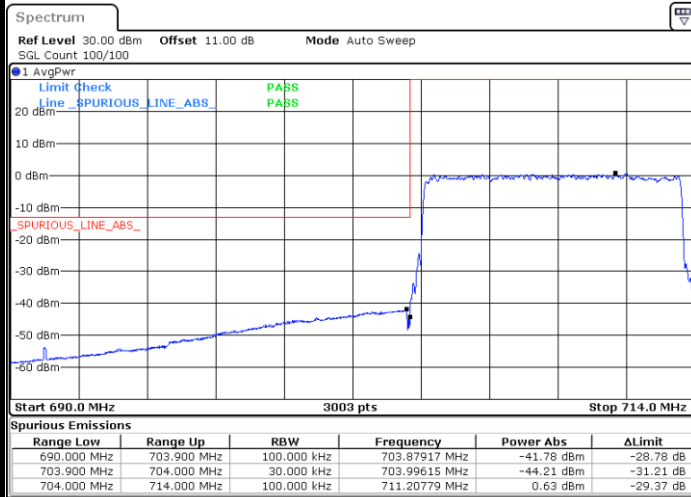
Lowest Band Edge / 1 RB



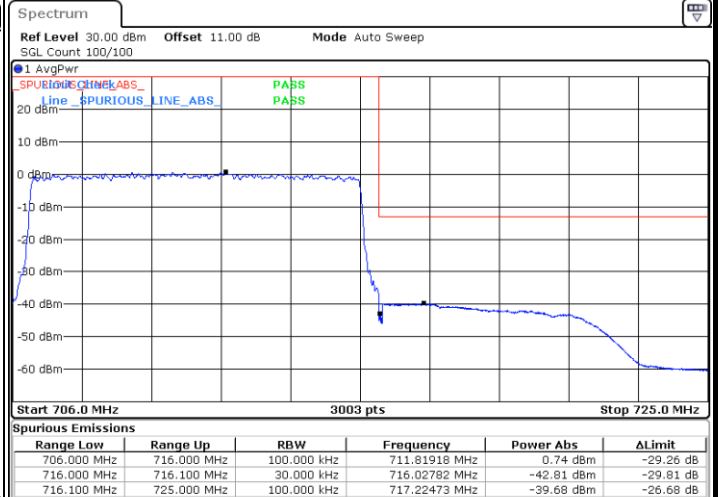
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



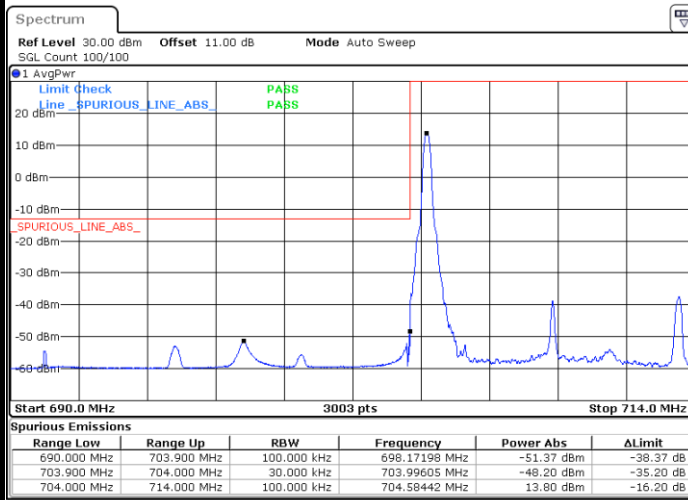
Highest Band Edge / Full RB



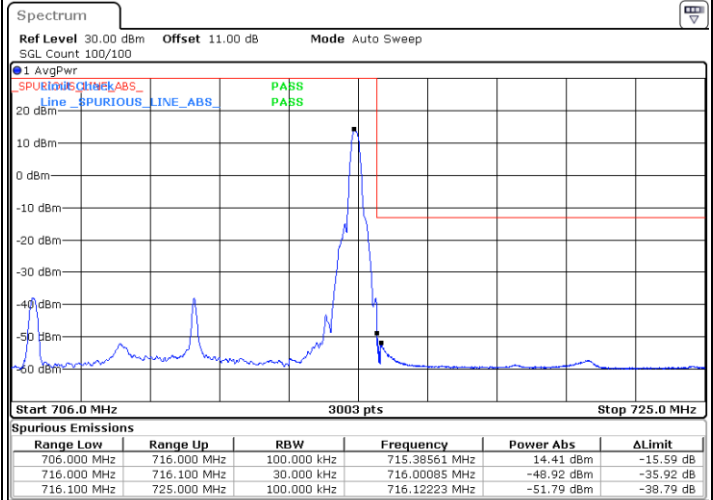


LTE Band 17 / 10MHz / 256QAM

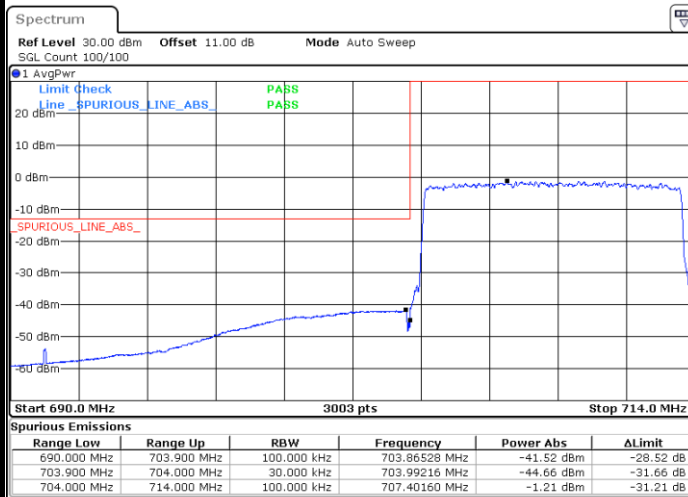
Lowest Band Edge / 1 RB



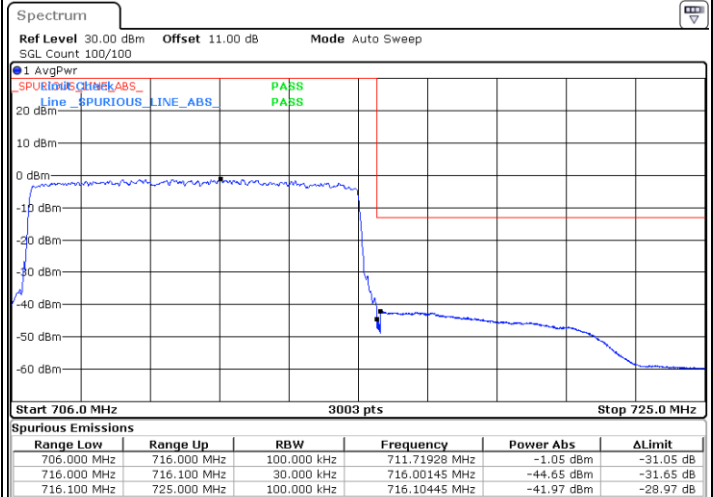
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

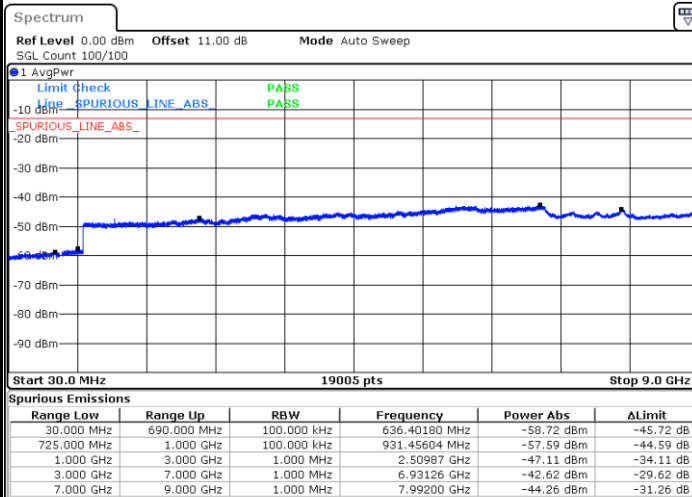




Conducted Spurious Emission

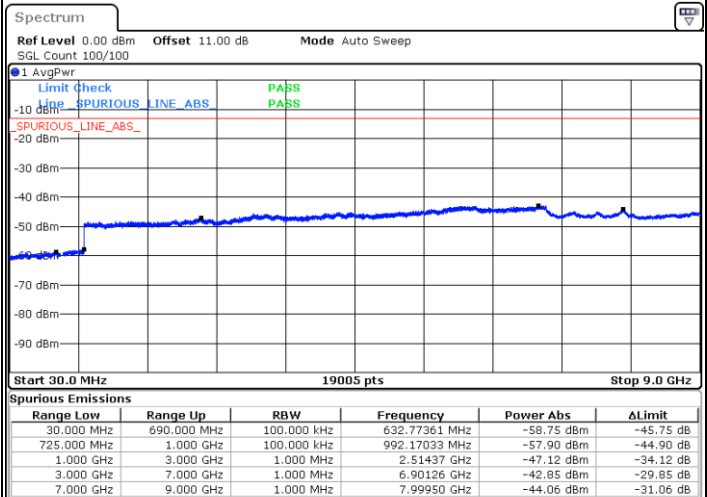
LTE Band 17 / 5MHz

Lowest Channel / QPSK



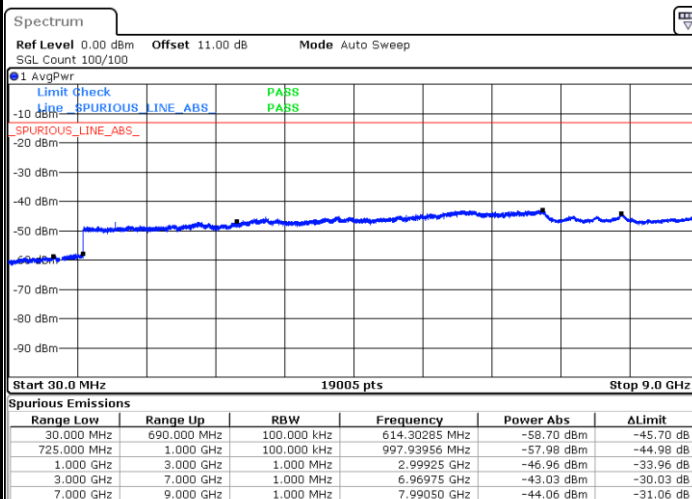
Date: 7 JUN.2020 15:20:16

Lowest Channel / 16QAM



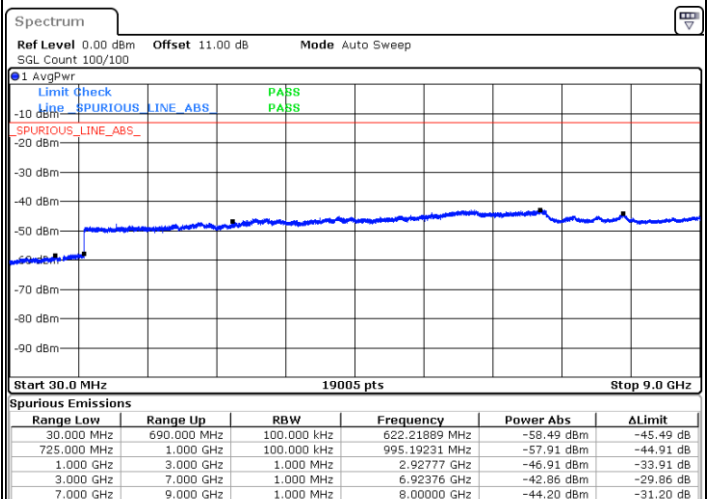
Date: 7 JUN.2020 15:20:56

Middle Channel / QPSK



Date: 7 JUN.2020 15:22:21

Middle Channel / 16QAM

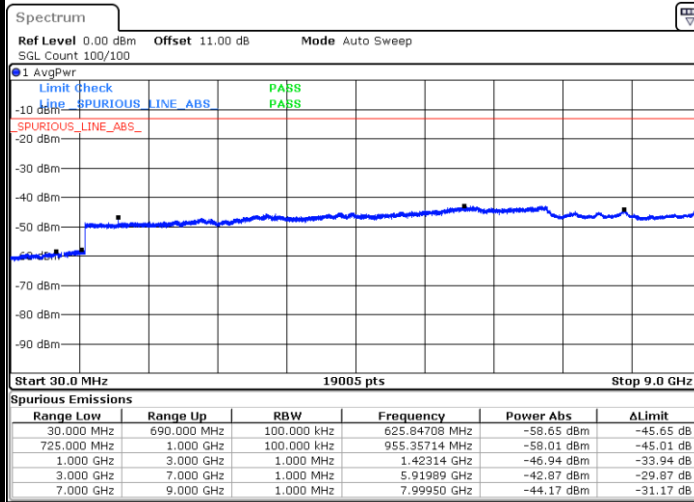


Date: 7 JUN.2020 15:23:00



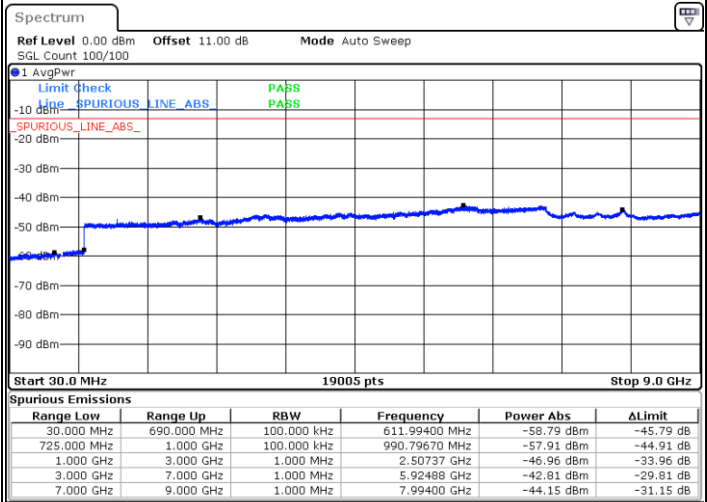
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 7 JUN.2020 15:27:08

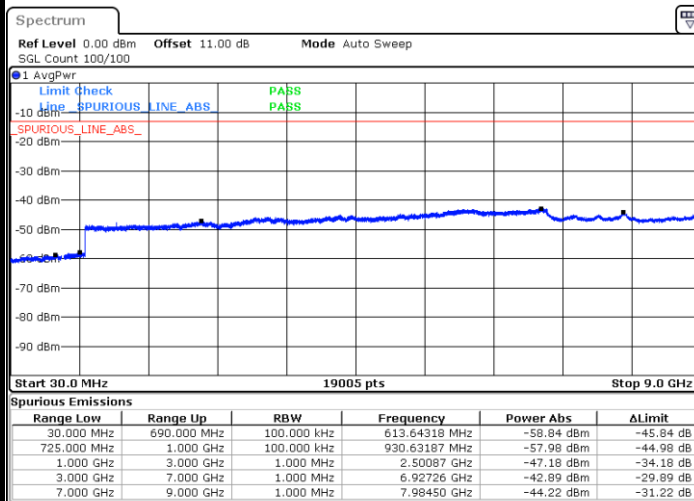
Highest Channel / 16QAM



Date: 7 JUN.2020 15:27:48

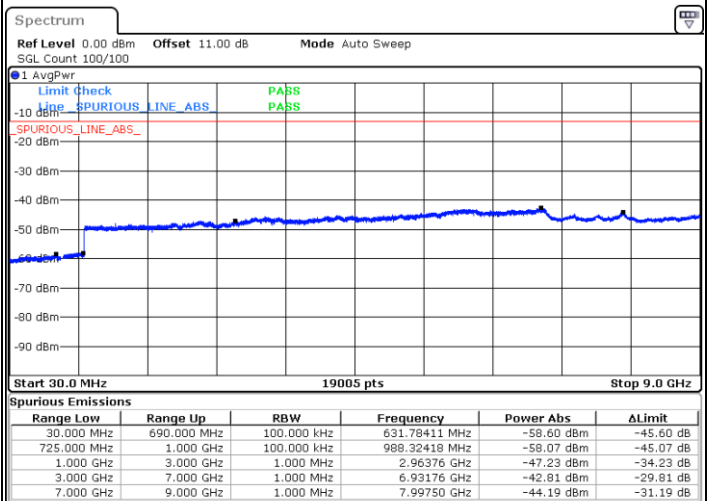
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 7 JUN.2020 15:32:11

Lowest Channel / 16QAM

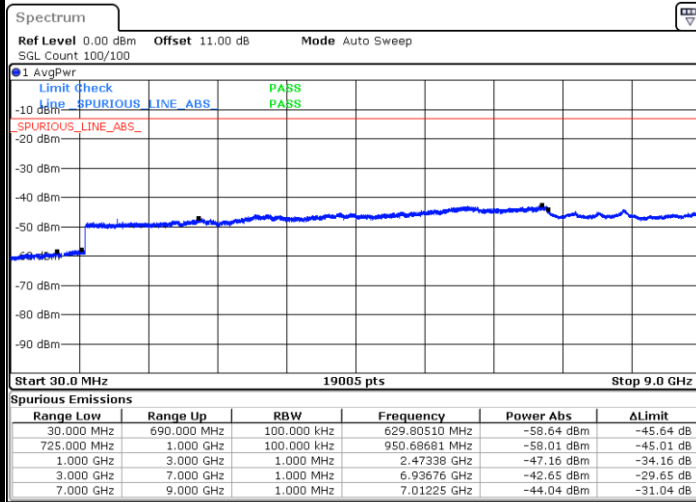


Date: 7 JUN.2020 15:32:51



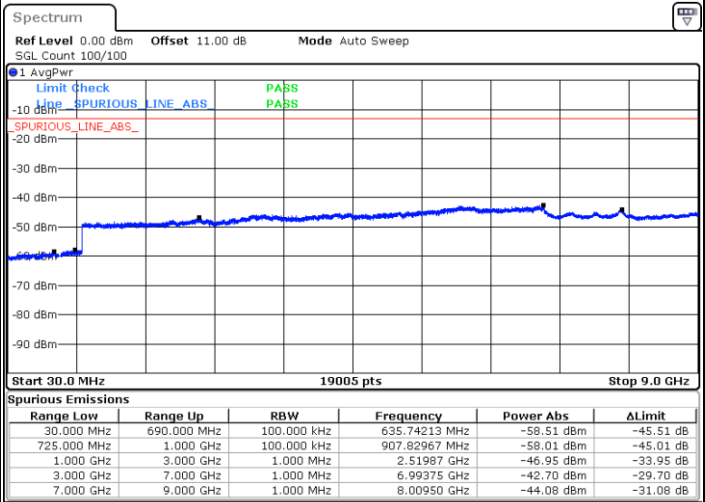
LTE Band 17 / 10MHz

Middle Channel / QPSK



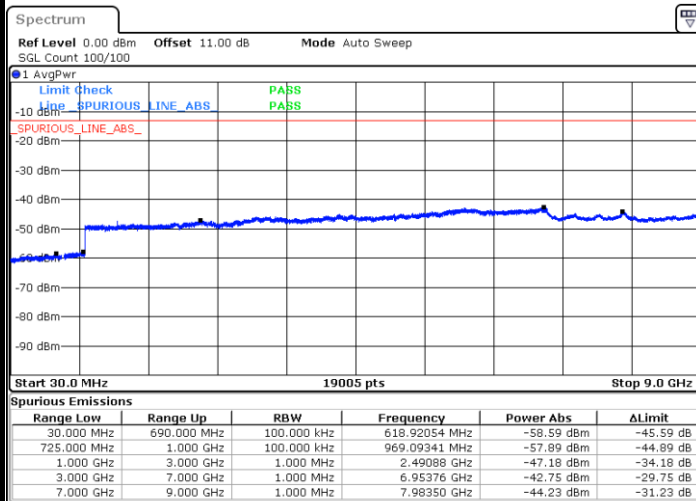
Date: 7.JUN.2020 15:34:17

Middle Channel / 16QAM



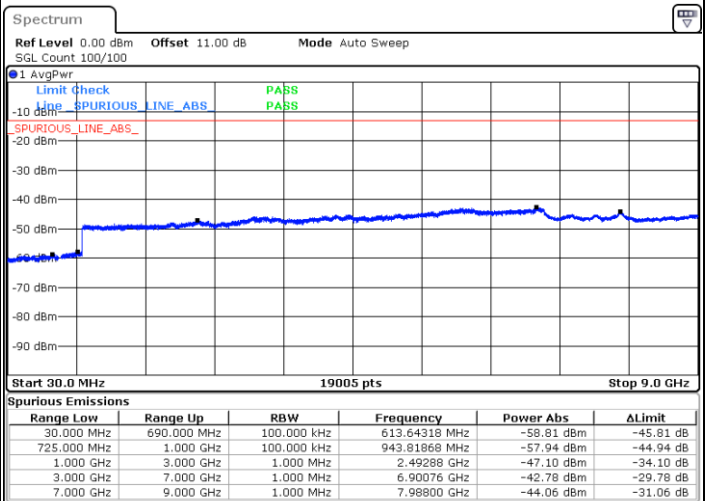
Date: 7.JUN.2020 15:34:57

Highest Channel / QPSK



Date: 7.JUN.2020 15:39:04

Highest Channel / 16QAM

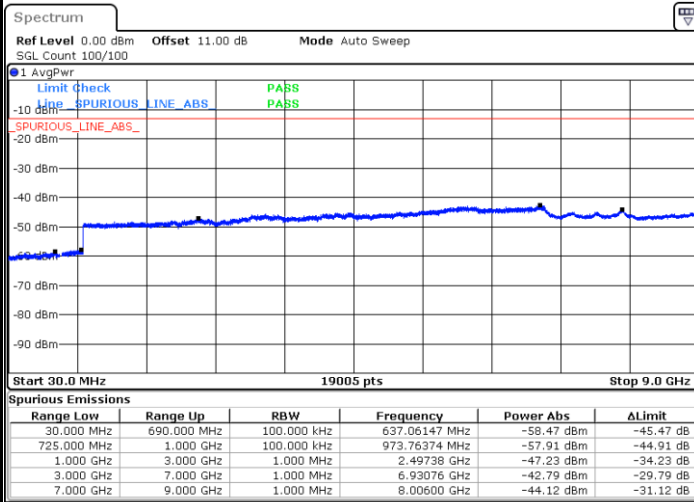


Date: 7.JUN.2020 15:39:44



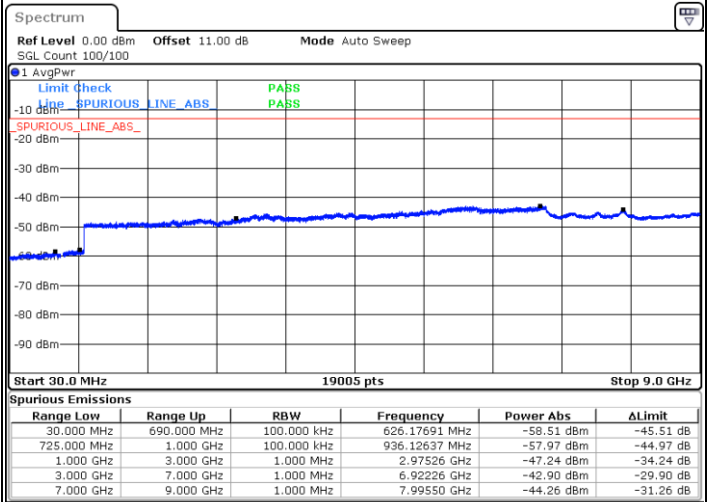
LTE Band 17 / 5MHz

Lowest Channel / 64QAM



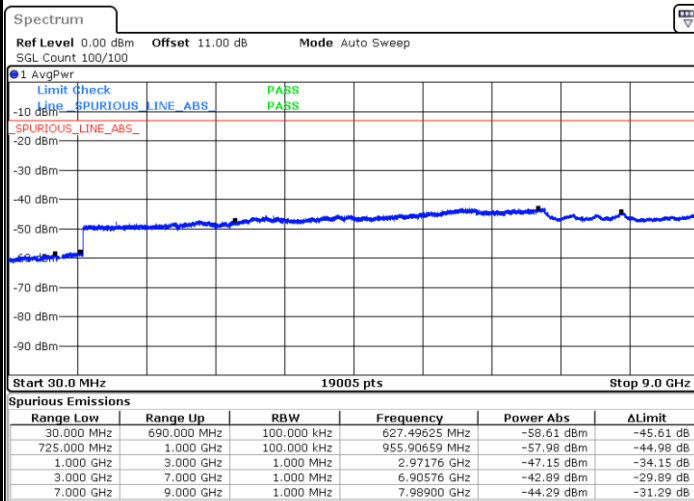
Date: 7.JUN.2020 15:42:15

Middle Channel / 64QAM



Date: 7.JUN.2020 15:43:18

Highest Channel / 64QAM

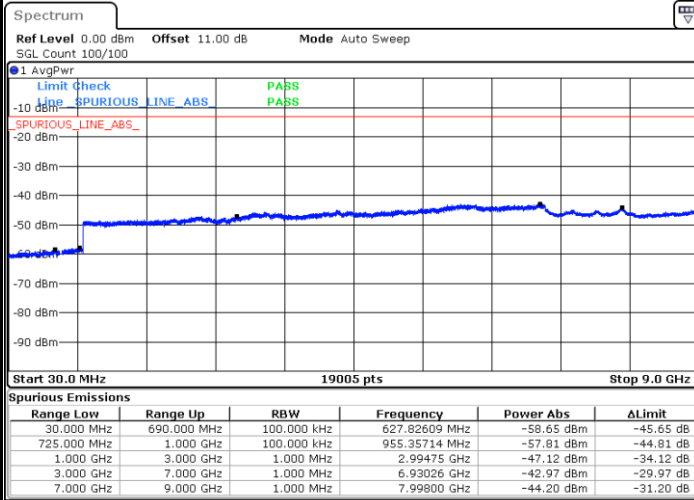


Date: 7.JUN.2020 15:45:41



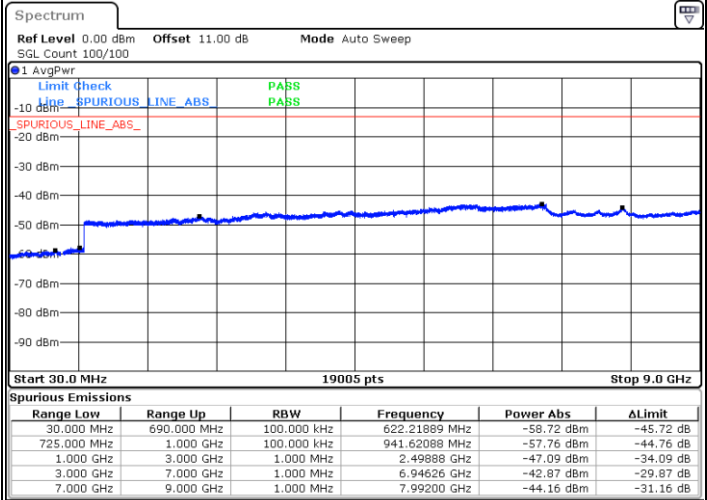
LTE Band 17 / 10MHz

Lowest Channel / 64QAM



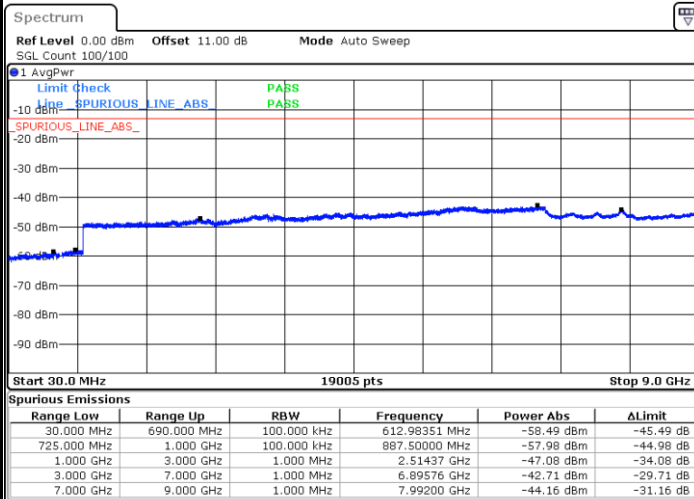
Date: 7.JUN.2020 15:48:13

Middle Channel / 64QAM



Date: 7.JUN.2020 15:49:15

Highest Channel / 64QAM

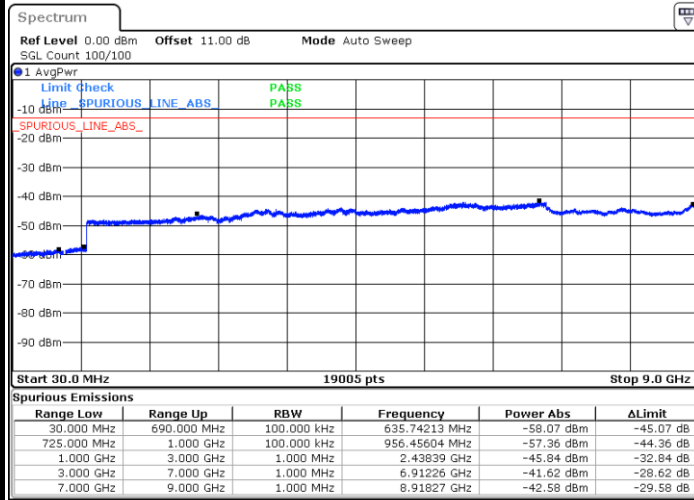


Date: 7.JUN.2020 15:51:38



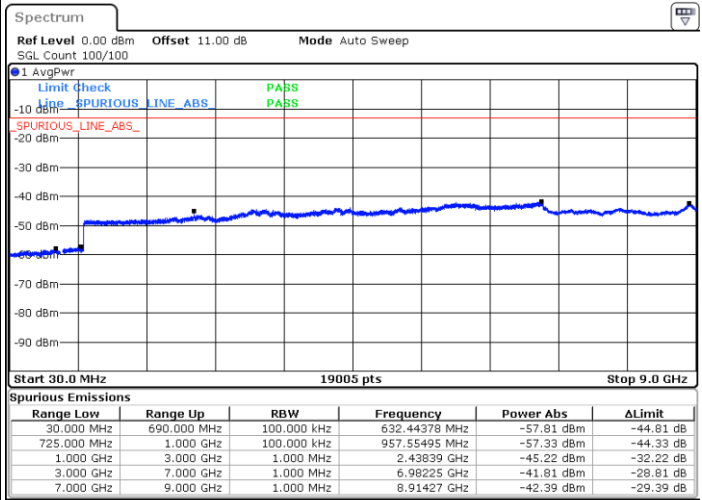
LTE Band 17 / 5MHz

Lowest Channel / 256QAM



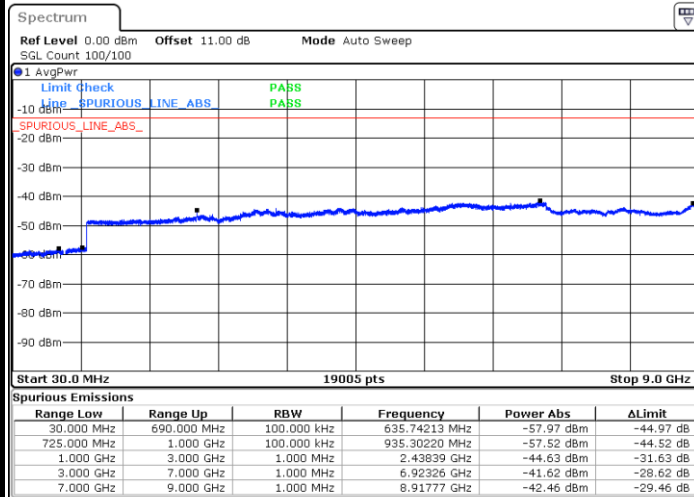
Date: 24.JUL.2020 16:55:22

Middle Channel / 256QAM



Date: 24.JUL.2020 16:46:54

Highest Channel / 256QAM

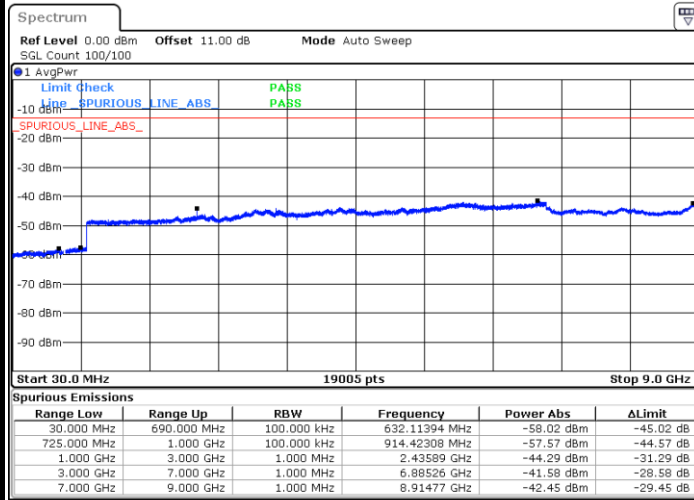


Date: 24.JUL.2020 16:59:08



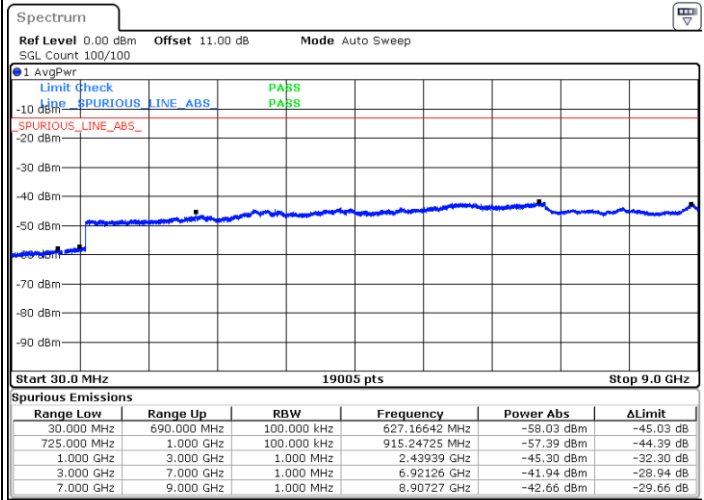
LTE Band 17 / 10MHz

Lowest Channel / 256QAM



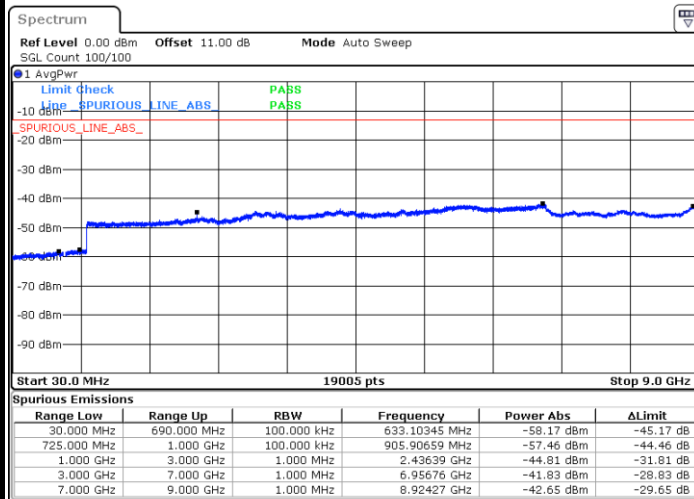
Date: 24.JUL.2020 17:02:42

Middle Channel / 256QAM



Date: 24.JUL.2020 17:01:32

Highest Channel / 256QAM



Date: 24.JUL.2020 17:07:23

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.30 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66

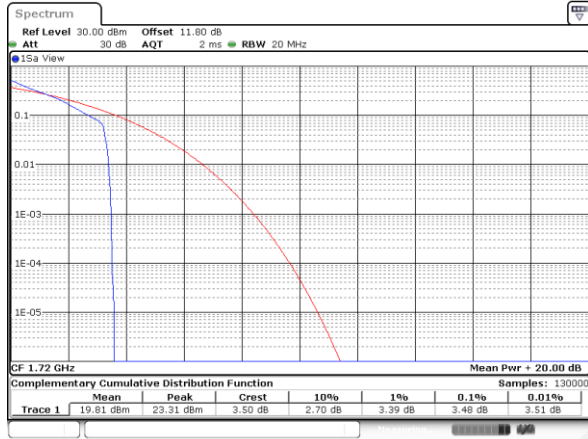
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.48	4.38	5.77	5.80	PASS
Middle CH	3.77	4.93	5.42	5.83	
Highest CH	3.39	4.93	4.64	5.83	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.72	6.26	7.74	6.38	PASS
Middle CH	6.96	6.26	7.65	6.32	
Highest CH	5.94	6.29	7.39	6.52	

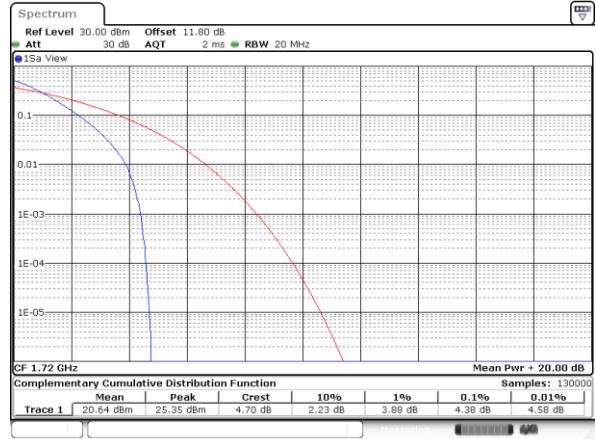


LTE Band 66 / 20MHz / QPSK

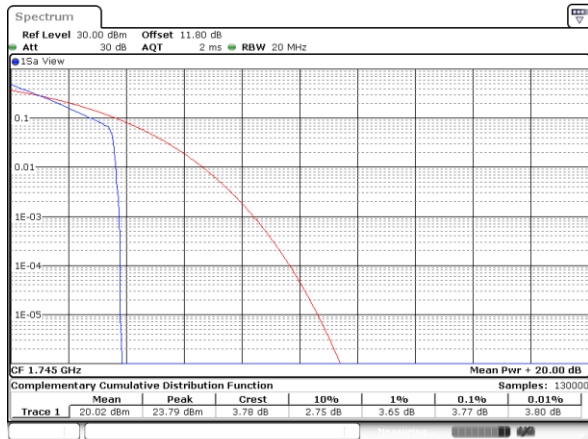
Lowest Channel / 1RB



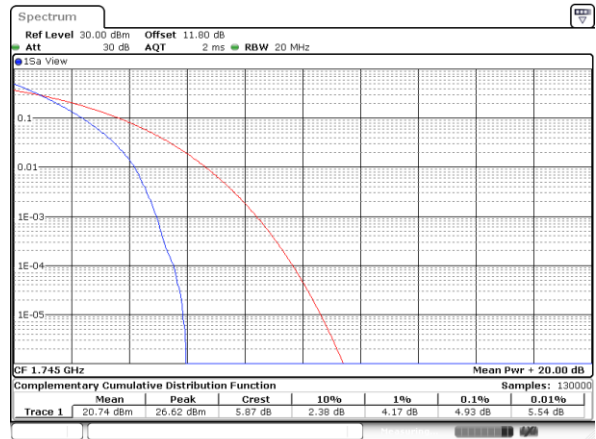
Lowest Channel / Full RB



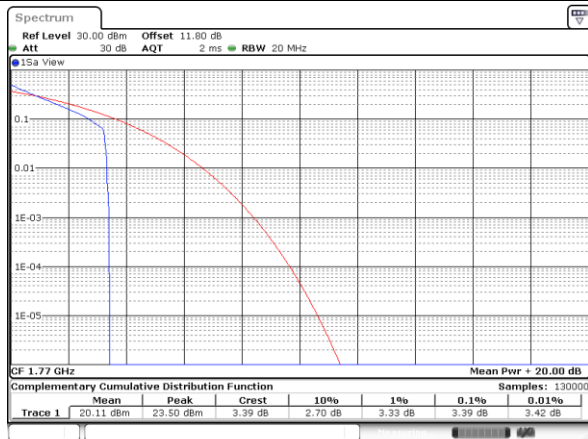
Middle Channel / 1RB



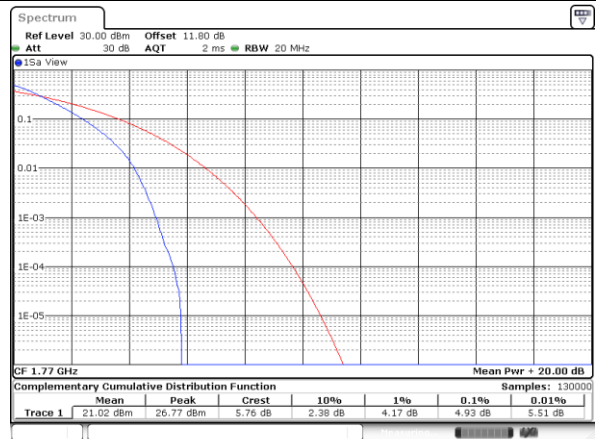
Middle Channel / Full RB



Highest Channel / 1RB



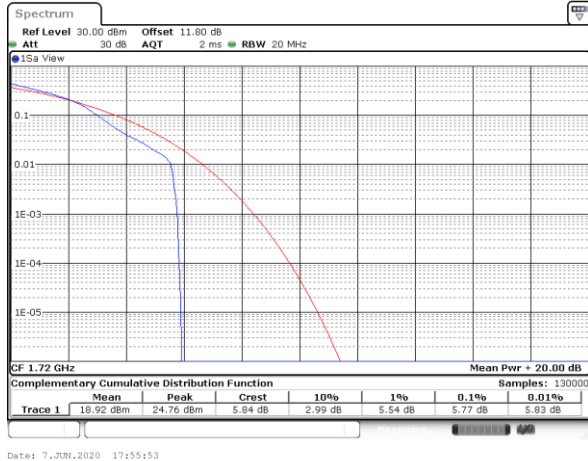
Highest Channel / Full RB



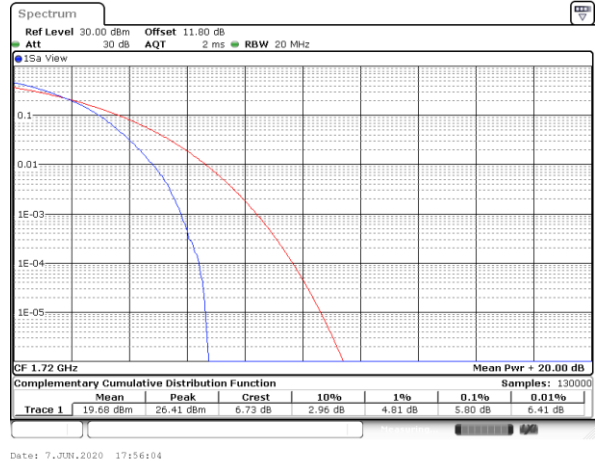


LTE Band 66 / 20MHz / 16QAM

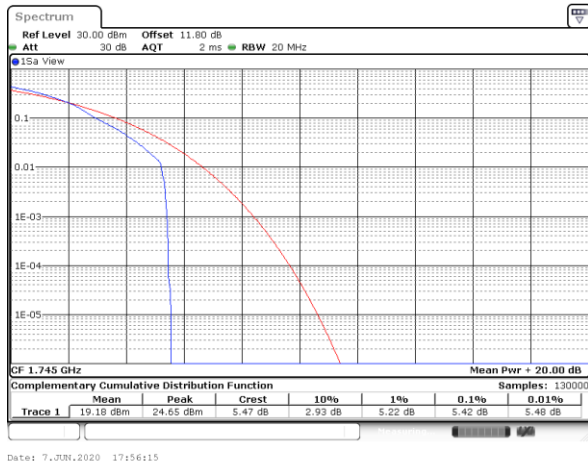
Lowest Channel / 1RB



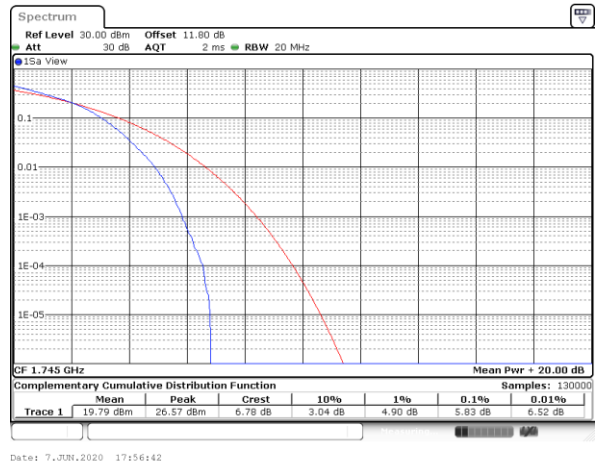
Lowest Channel / Full RB



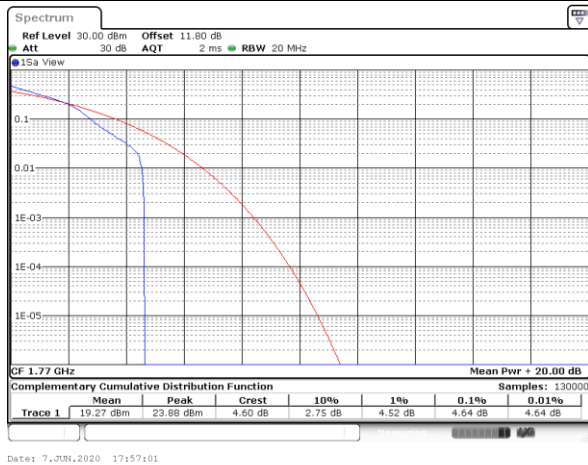
Middle Channel / 1RB



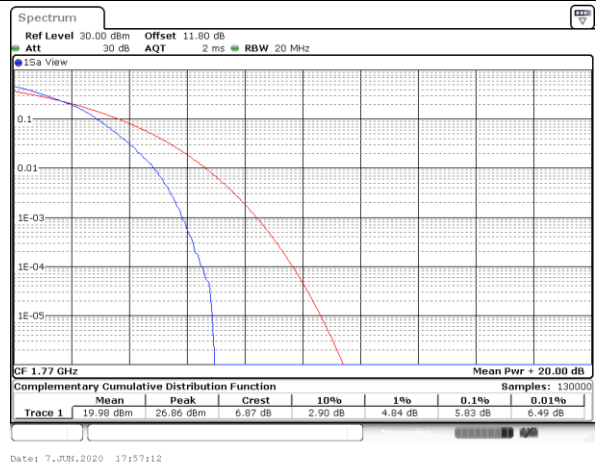
Middle Channel / Full RB



Highest Channel / 1RB



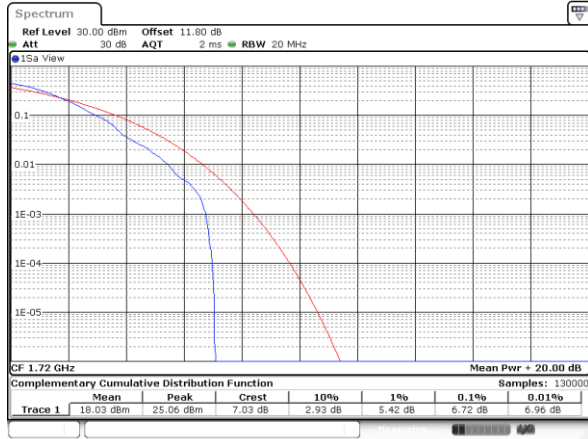
Highest Channel / Full RB



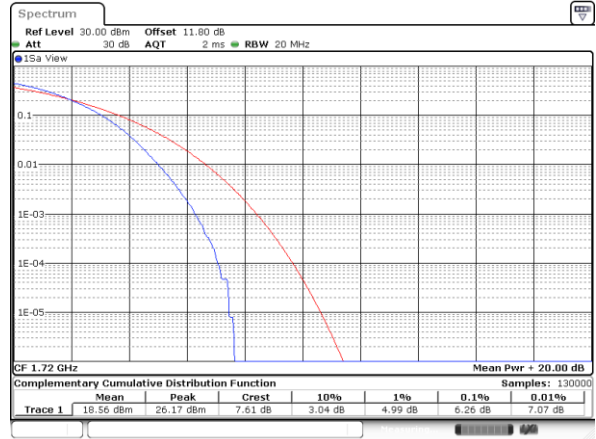


LTE Band 66 / 20MHz / 64QAM

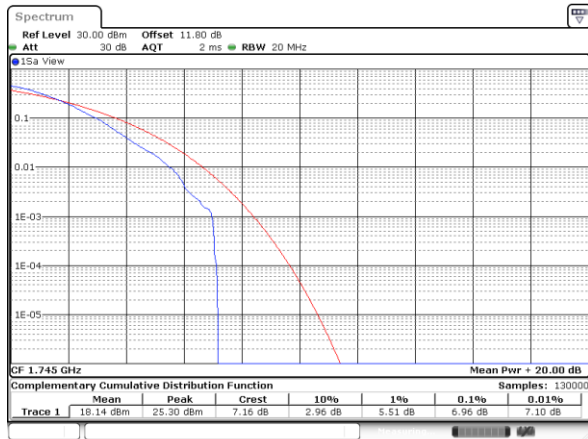
Lowest Channel / 1RB



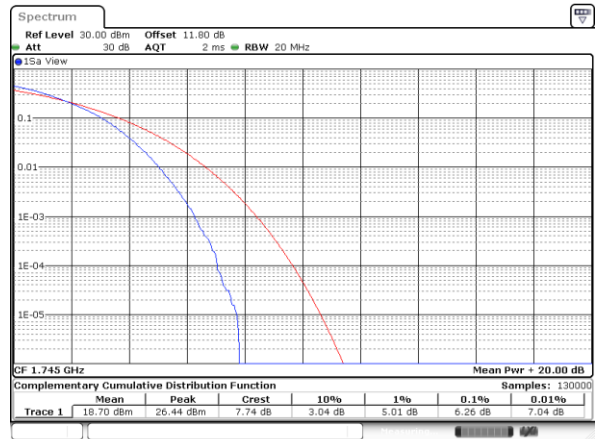
Lowest Channel / Full RB



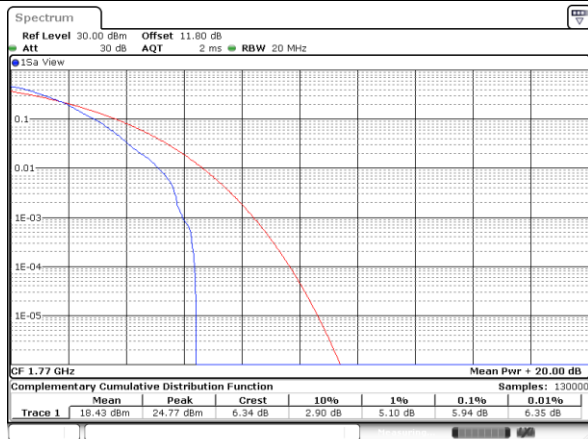
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



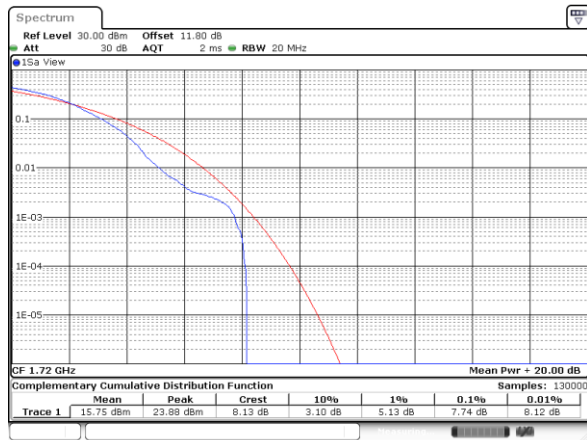
Highest Channel / Full RB





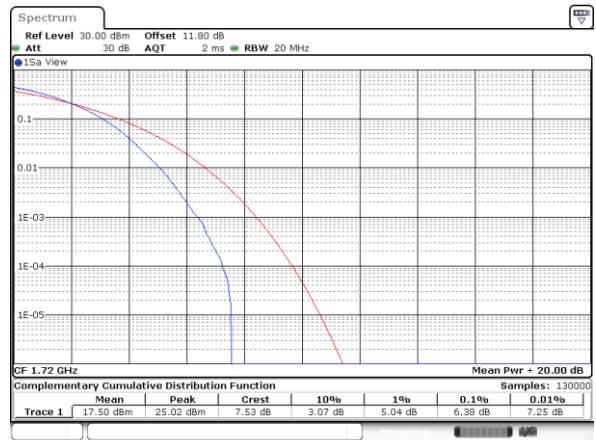
LTE Band 66 / 20MHz / 256QAM

Lowest Channel / 1RB



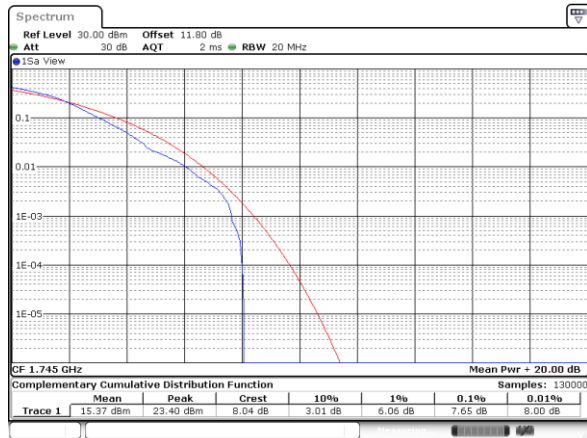
Date: 16.JUL.2020 14:17:22

Lowest Channel / Full RB



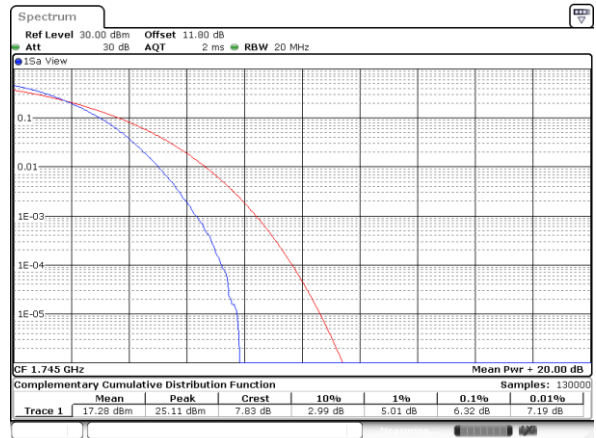
Date: 16.JUL.2020 14:16:39

Middle Channel / 1RB



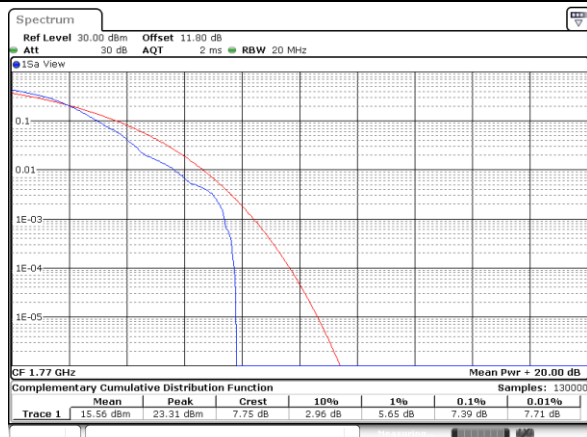
Date: 16.JUL.2020 14:14:37

Middle Channel / Full RB



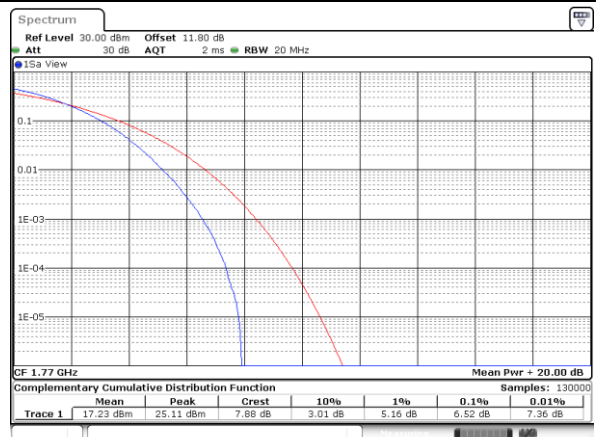
Date: 16.JUL.2020 14:14:22

Highest Channel / 1RB



Date: 16.JUL.2020 14:21:41

Highest Channel / Full RB



Date: 16.JUL.2020 14:20:18

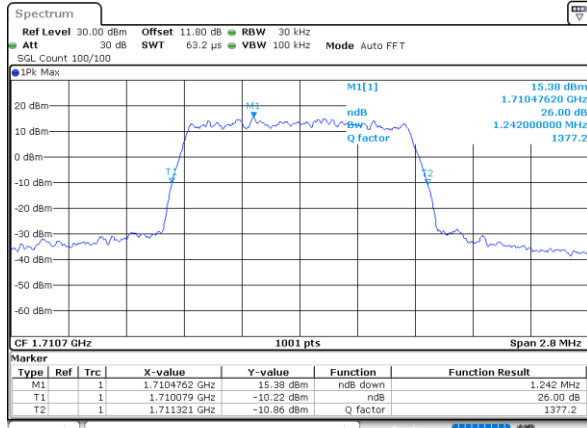
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.24	1.22	3.03	2.99	4.77	4.88	9.69	9.69	14.18	14.45	19.06	19.14
Middle CH	1.24	1.23	3.03	2.97	4.86	4.93	9.63	9.71	14.30	14.24	19.02	19.14
Highest CH	1.22	1.23	3.05	3.01	4.93	4.88	9.69	9.79	14.57	14.48	19.22	18.78
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	1.22	1.22	2.94	3.04	4.91	4.86	9.65	9.77	14.30	14.15	18.90	19.14
Middle CH	1.23	1.21	3.02	3.03	4.93	4.89	9.63	9.69	14.42	14.30	19.14	19.06
Highest CH	1.23	1.22	3.02	3.03	4.87	4.91	9.73	9.79	14.33	14.45	18.82	18.90

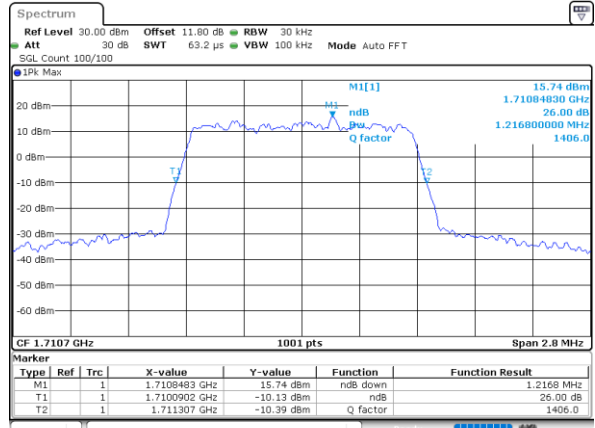


LTE Band 66

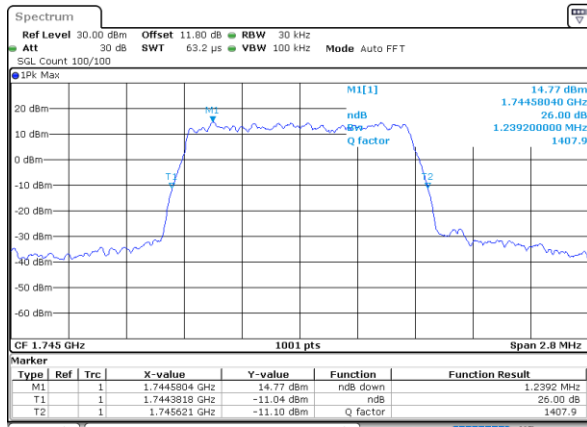
Lowest Channel / 1.4MHz / QPSK



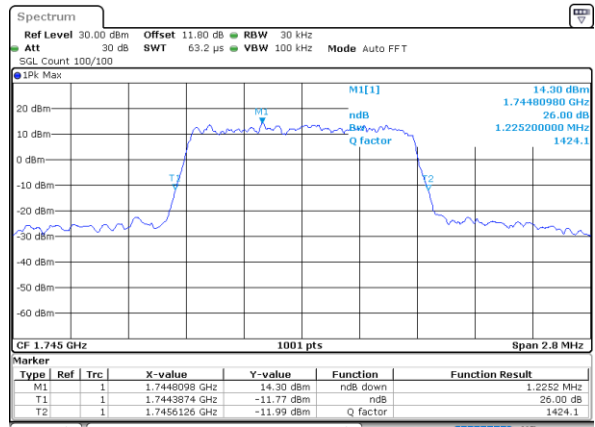
Lowest Channel / 1.4MHz / 16QAM



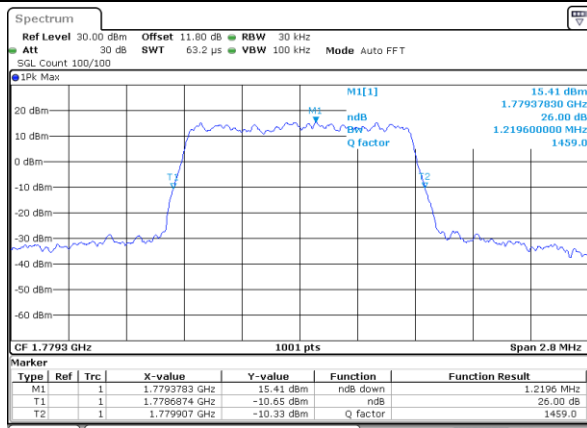
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

