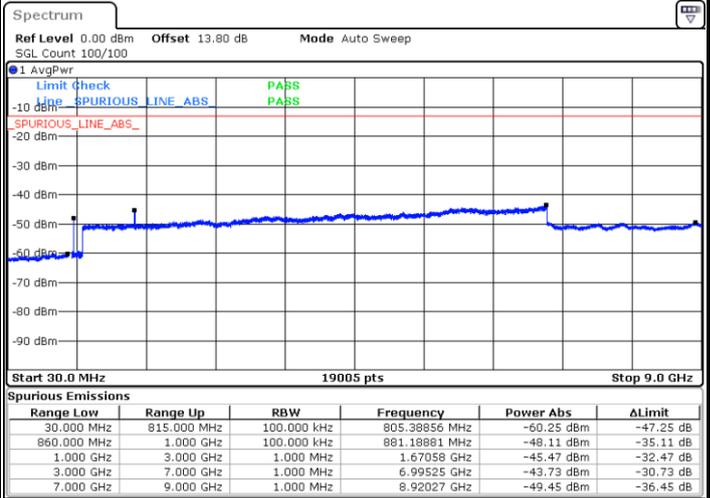
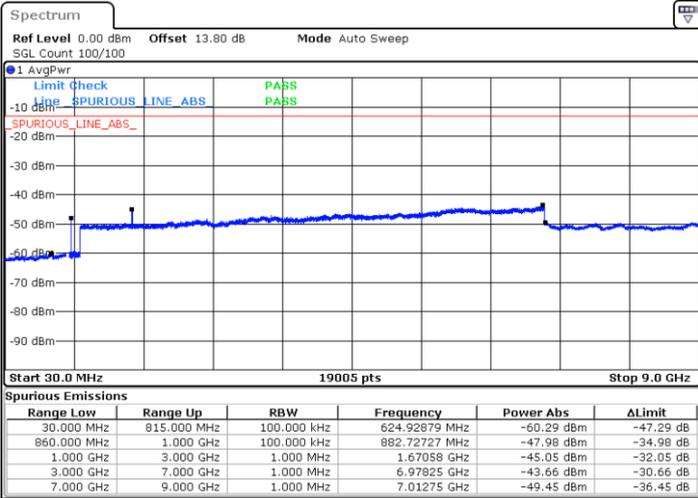




LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

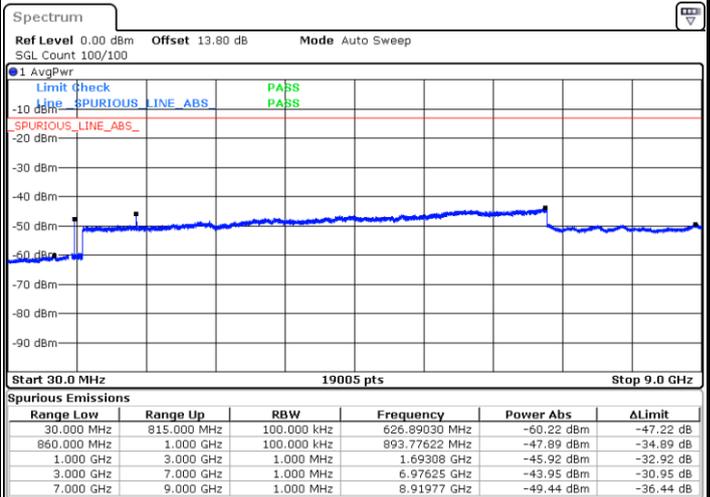
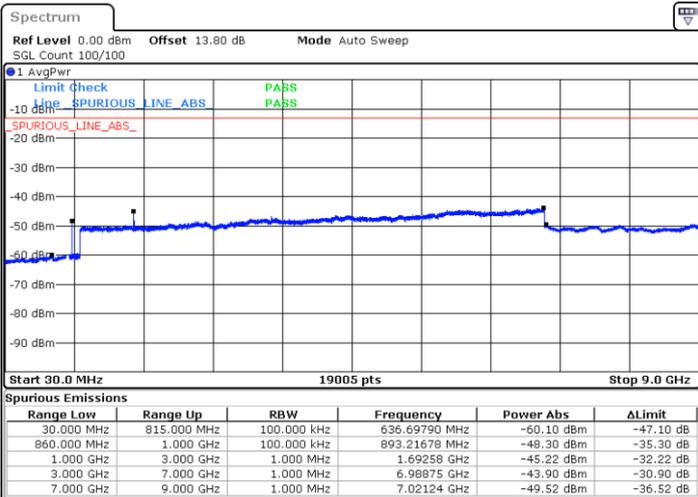


Date: 23.SEP.2021 16:06:21

Date: 23.SEP.2021 16:07:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.SEP.2021 16:18:00

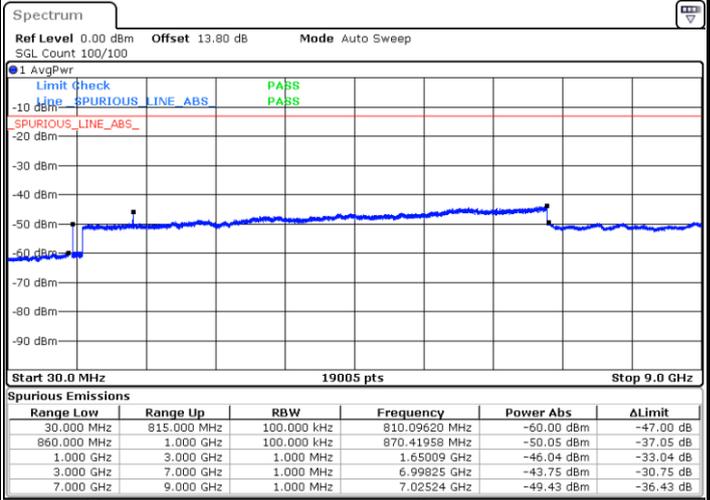
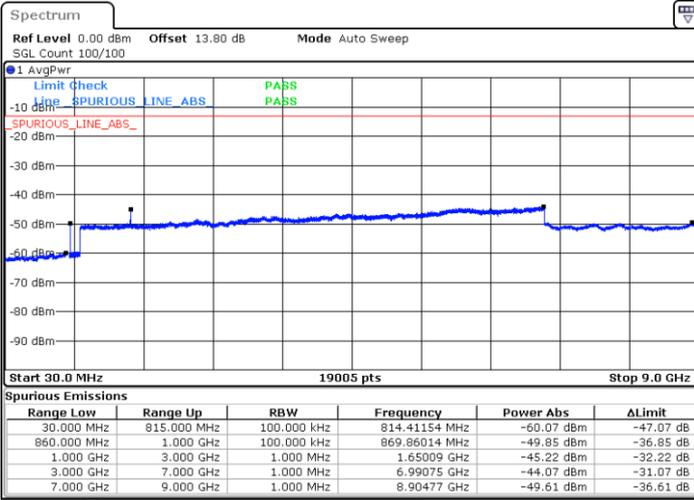
Date: 23.SEP.2021 16:19:34



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

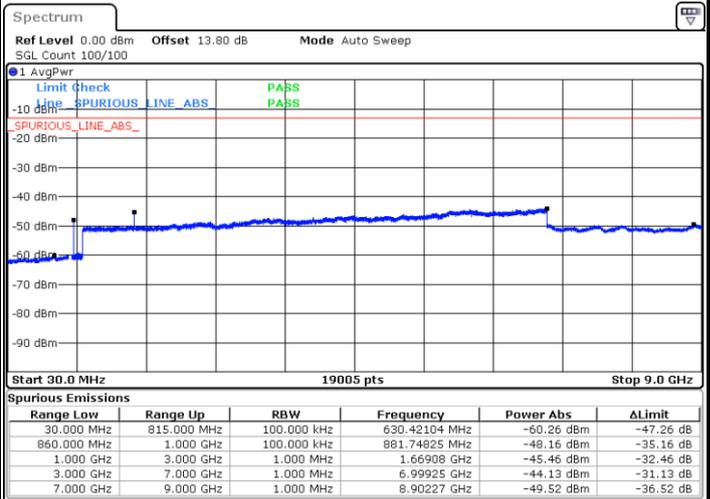
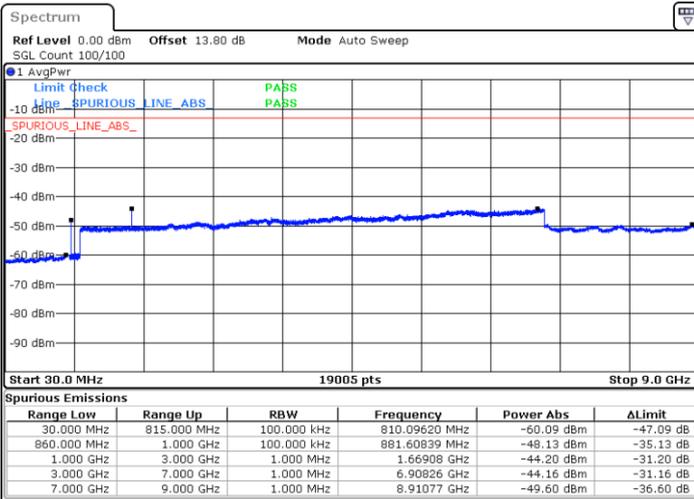


Date: 23.SEP.2021 16:53:46

Date: 23.SEP.2021 16:55:20

Middle Channel / QPSK

Middle Channel / 16QAM



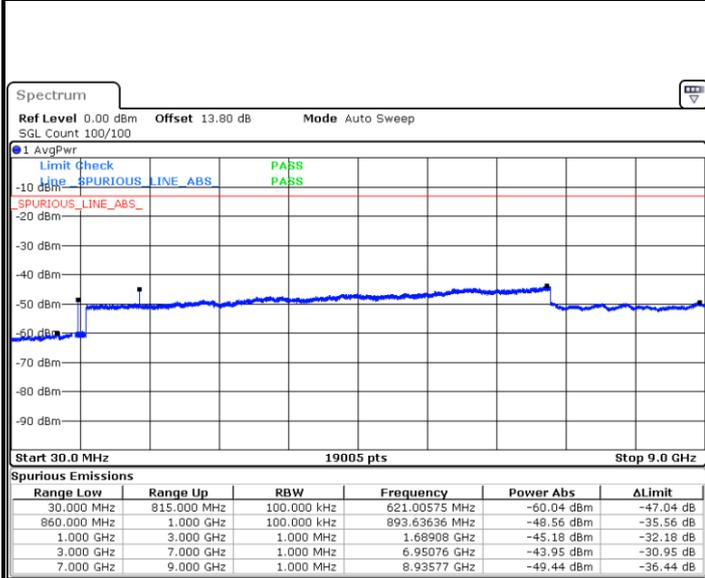
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Date: 23.SEP.2021 17:00:07



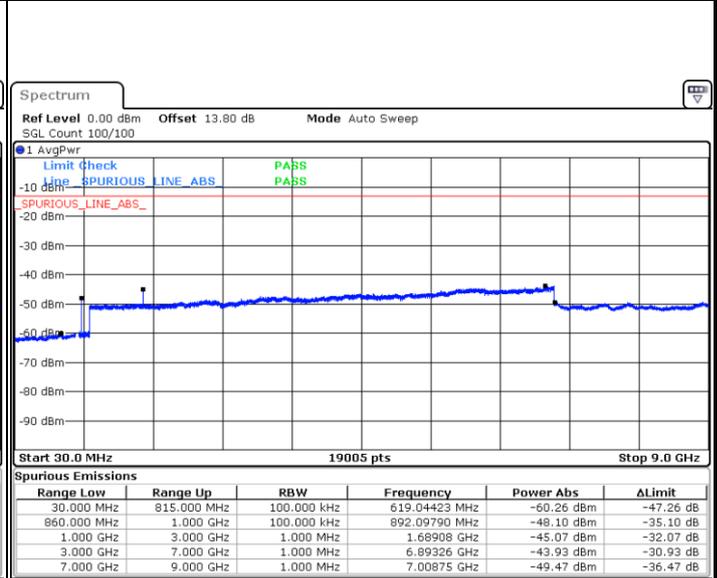
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 23.SEP.2021 17:10:13

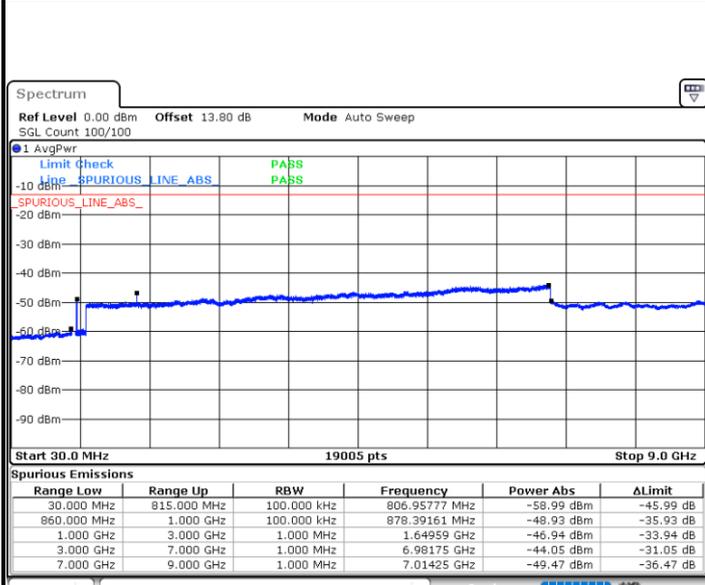
Highest Channel / 16QAM



Date: 23.SEP.2021 17:11:47

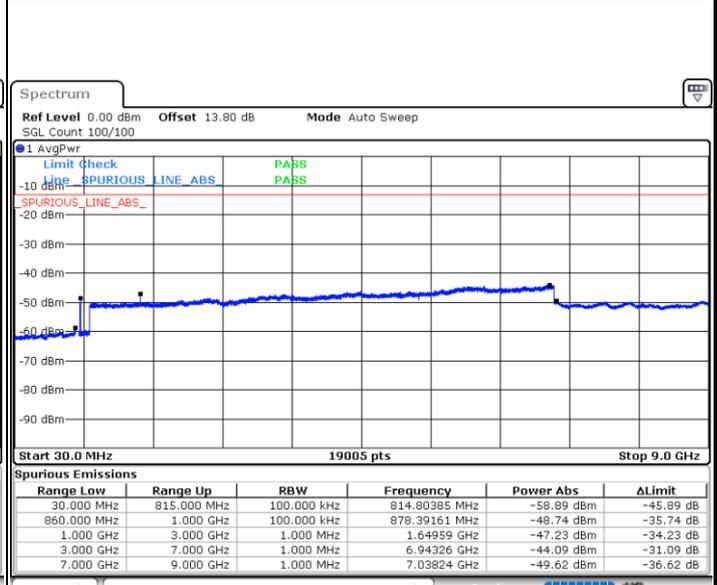
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 23.SEP.2021 17:21:35

Lowest Channel / 16QAM

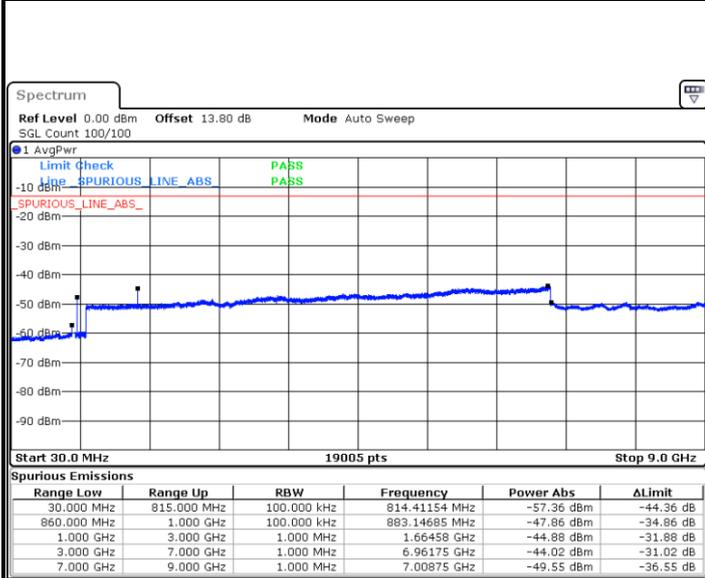


Date: 23.SEP.2021 17:23:08



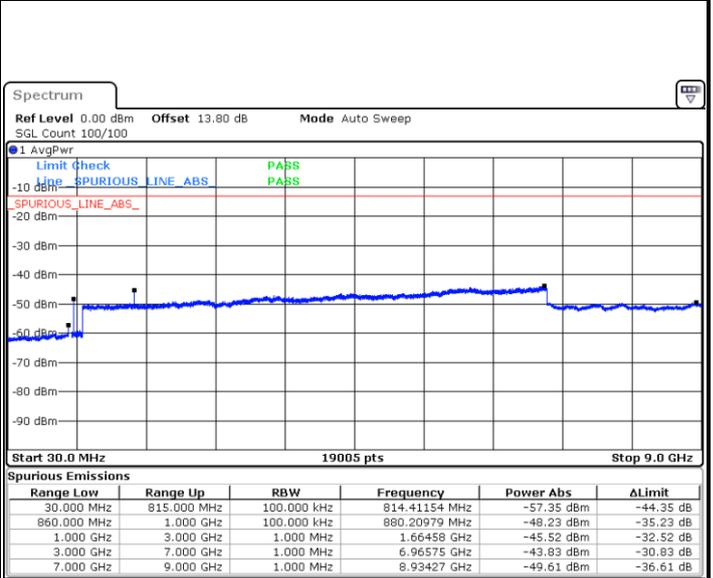
LTE Band 26 / 10MHz

Middle Channel / QPSK



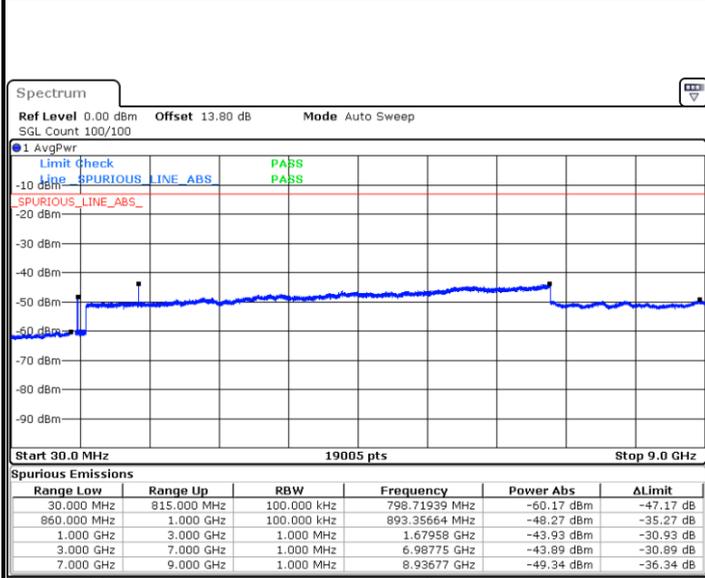
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Middle Channel / 16QAM



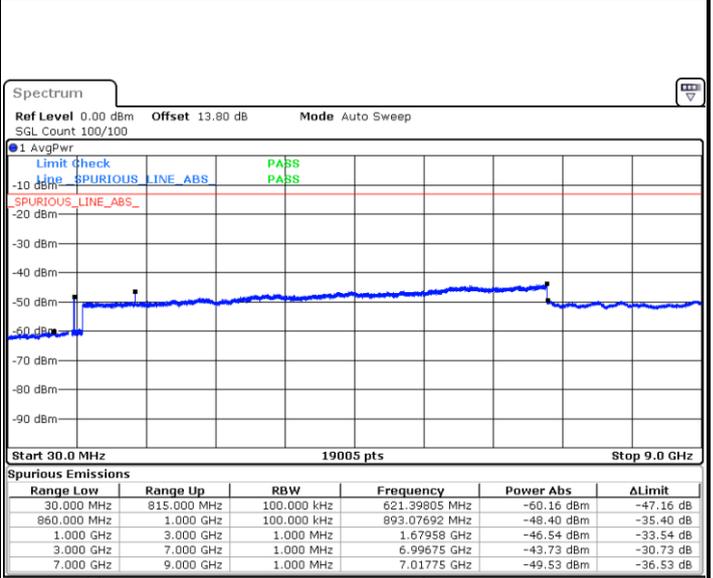
Date: 23.SEP.2021 17:27:56

Highest Channel / QPSK



Date: 23.SEP.2021 17:57:40

Highest Channel / 16QAM



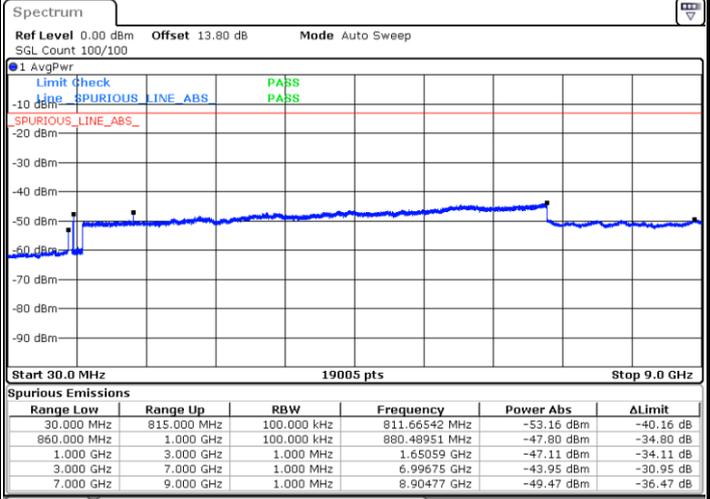
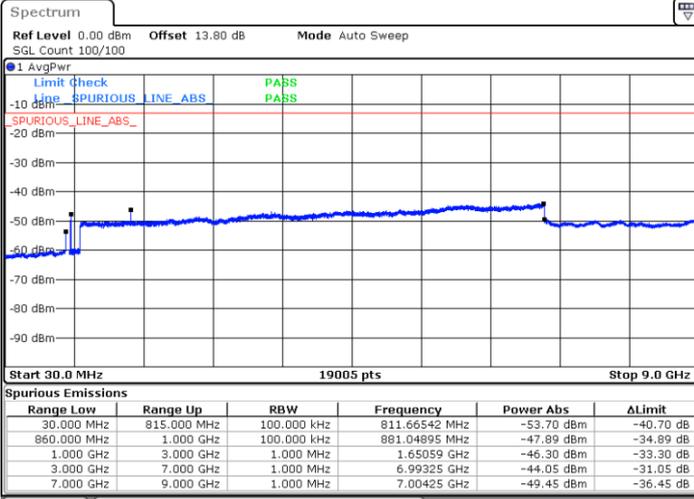
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LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

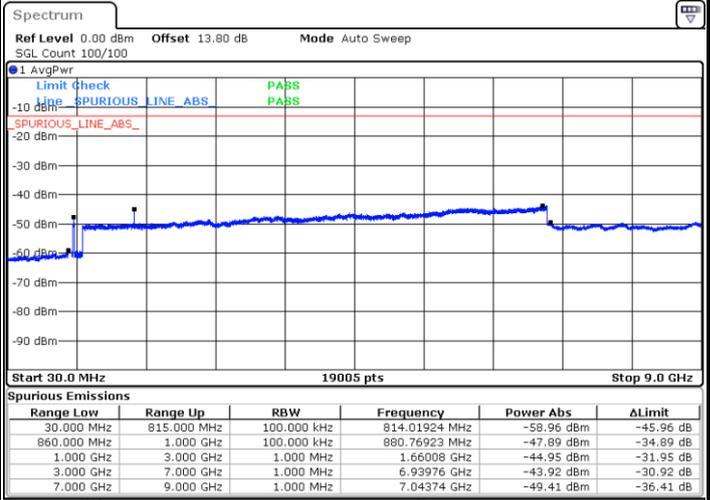
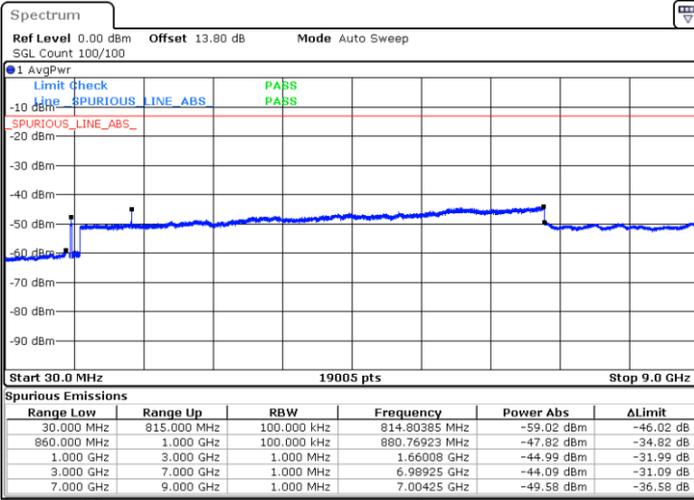


Date: 23.SEP.2021 18:09:02

Date: 23.SEP.2021 18:10:35

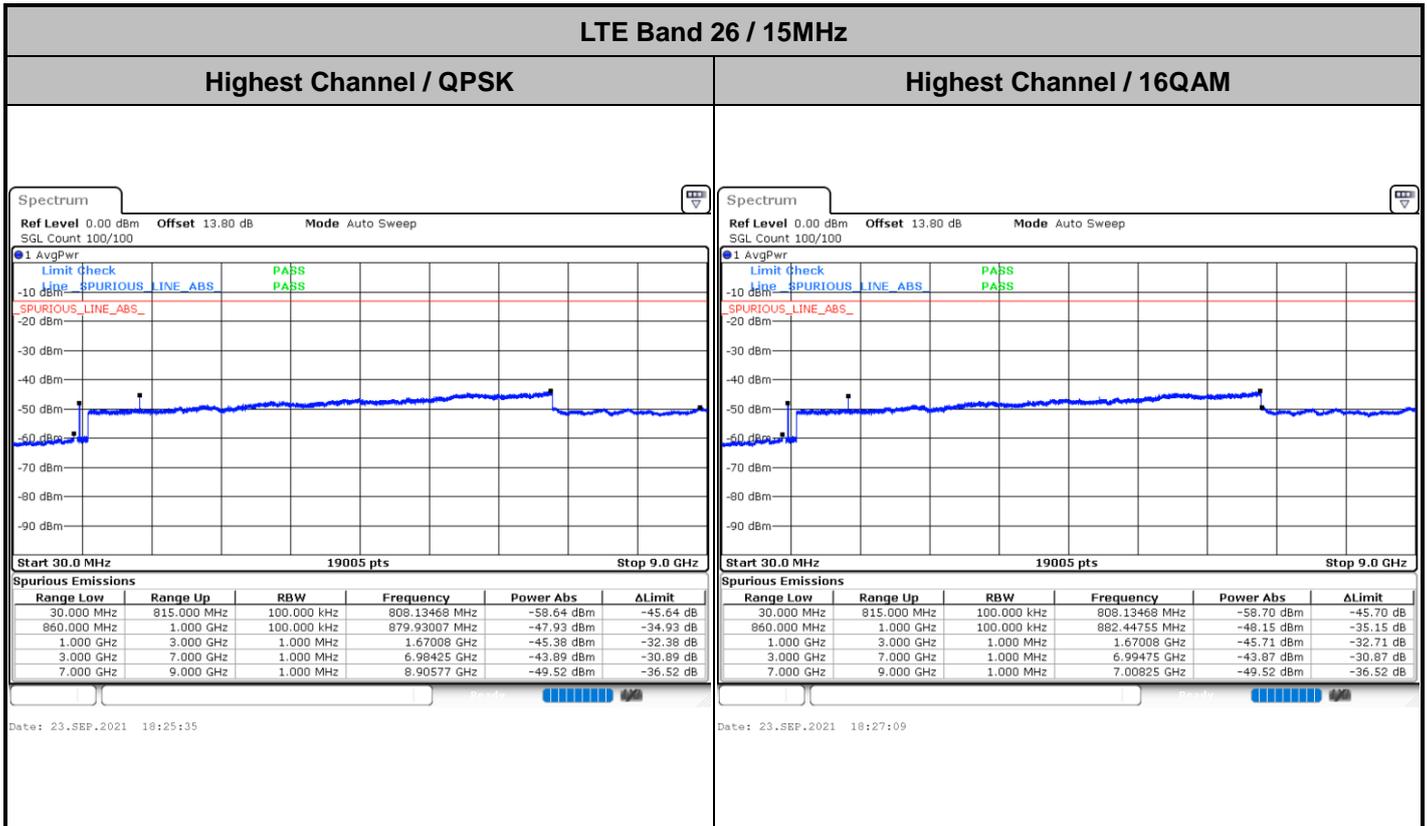
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23.SEP.2021 18:13:50

Date: 23.SEP.2021 18:15:24

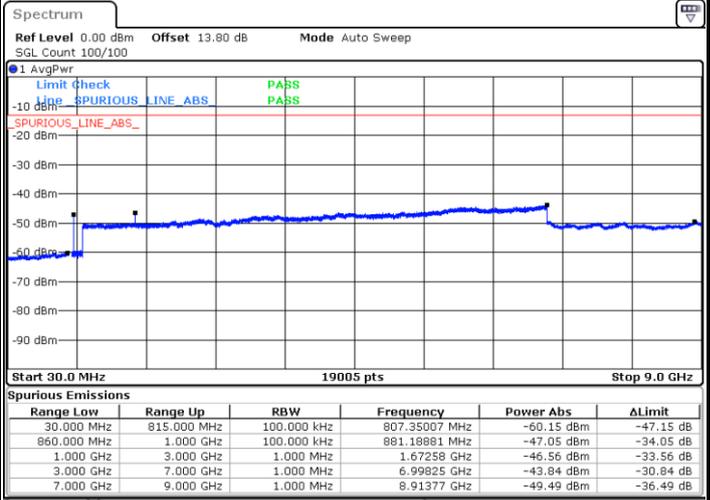
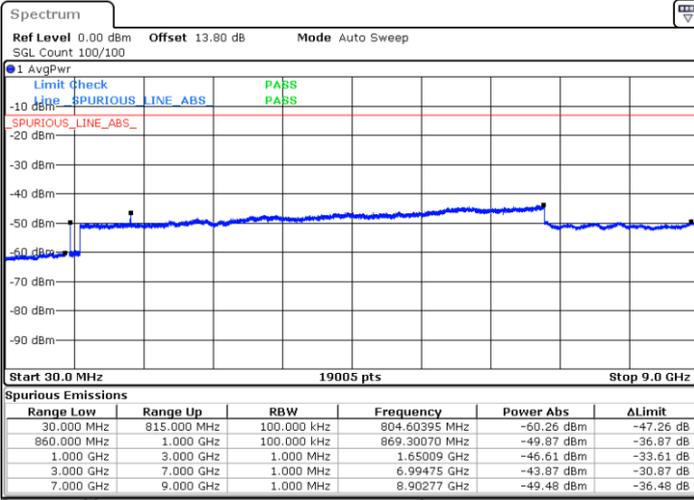




LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

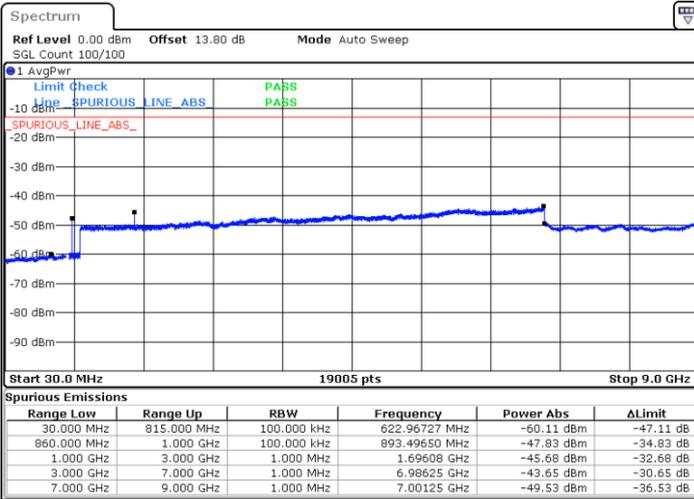
Middle Channel / 64QAM



Date: 23.SEP.2021 14:49:36

Date: 23.SEP.2021 14:51:55

Highest Channel / 64QAM



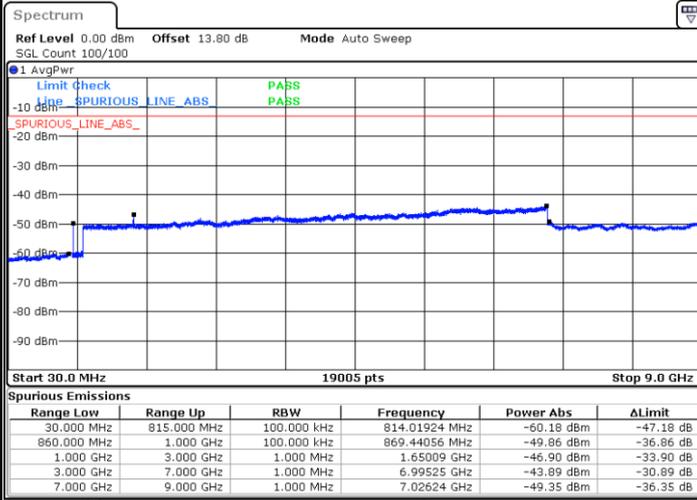
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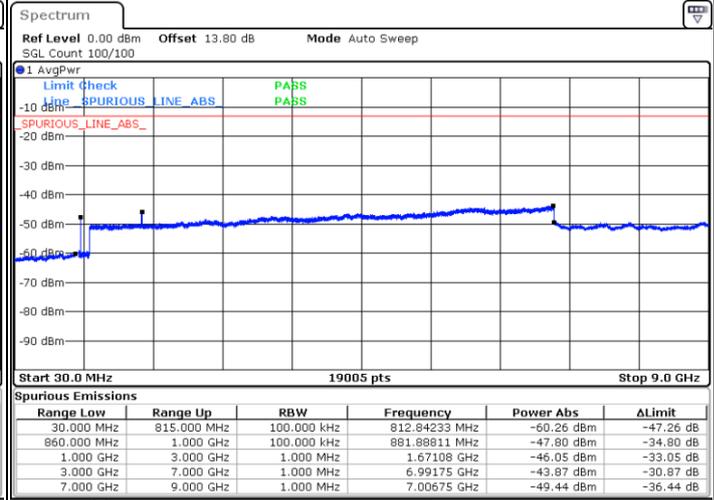
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

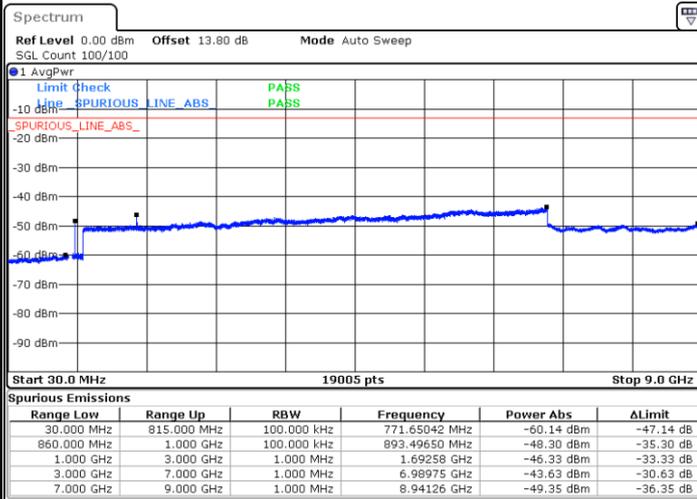


Date: 23.SEP.2021 15:03:07



Date: 23.SEP.2021 15:05:26

Highest Channel / 64QAM



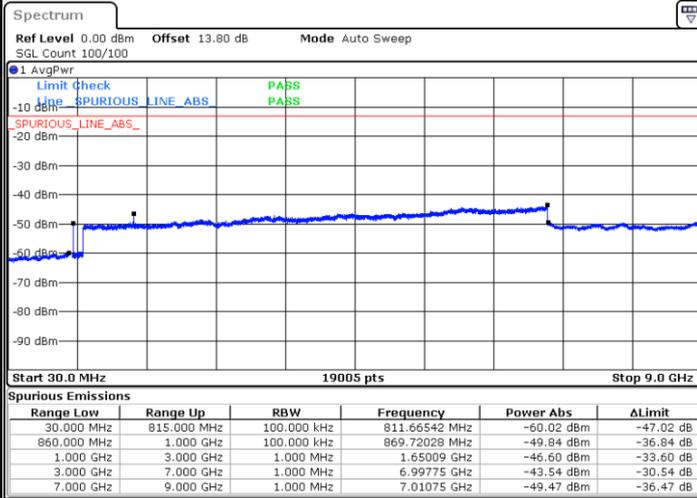
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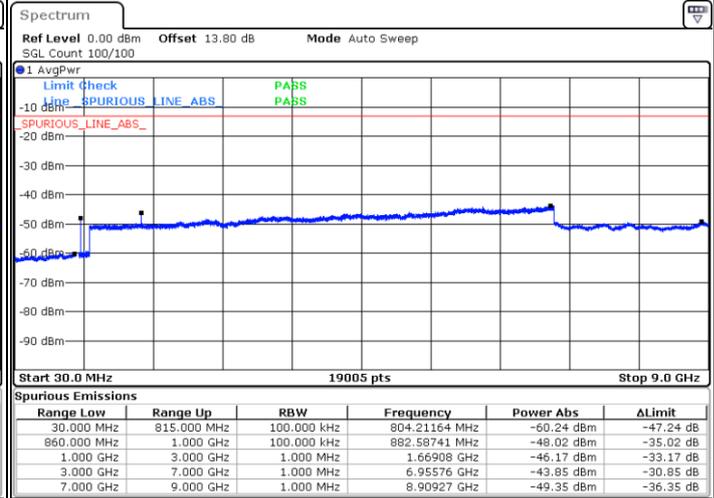
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

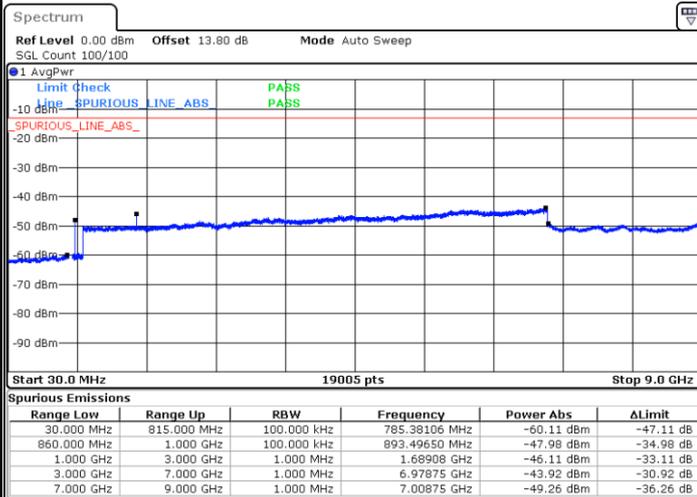


Date: 23.SEP.2021 15:16:38



Date: 23.SEP.2021 15:18:58

Highest Channel / 64QAM



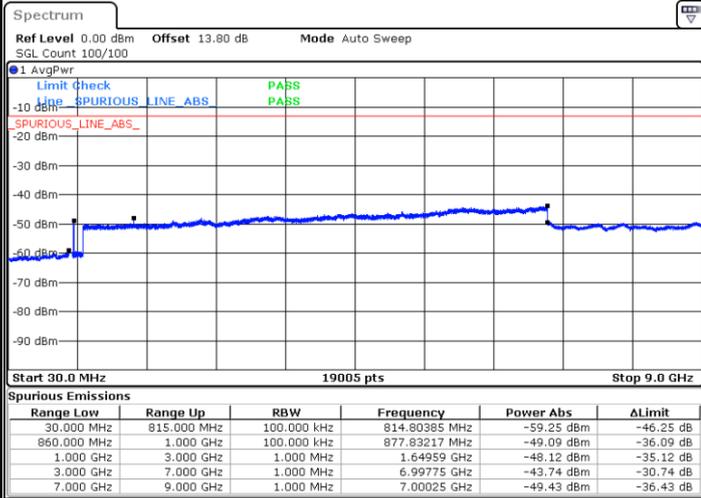
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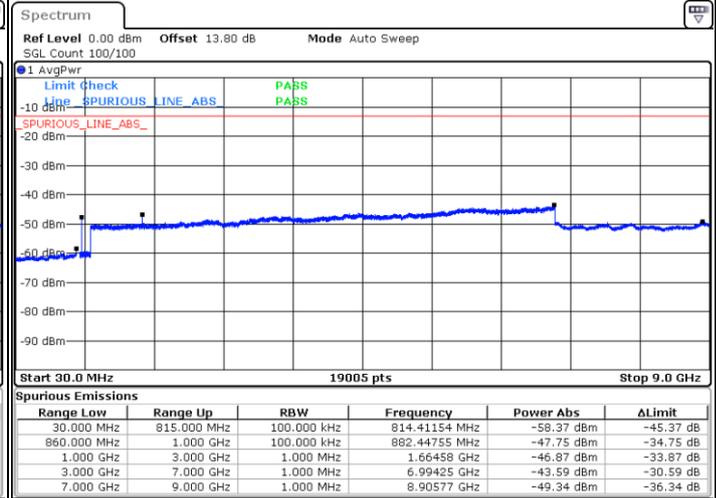
LTE Band 26 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

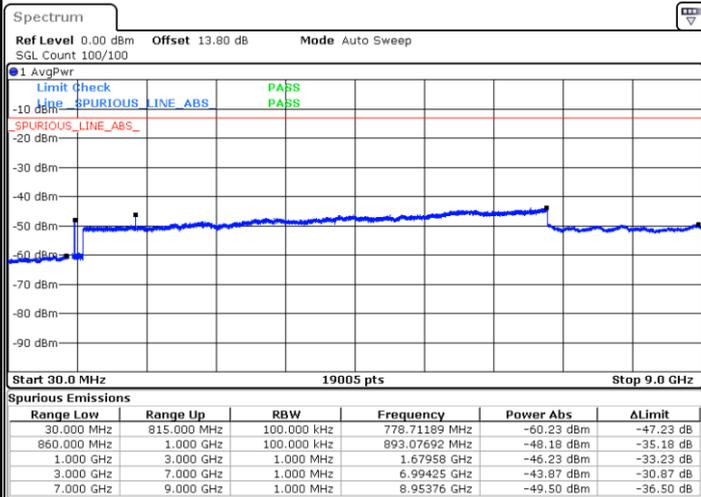


Date: 23.SEP.2021 15:30:09



Date: 23.SEP.2021 15:32:29

Highest Channel / 64QAM



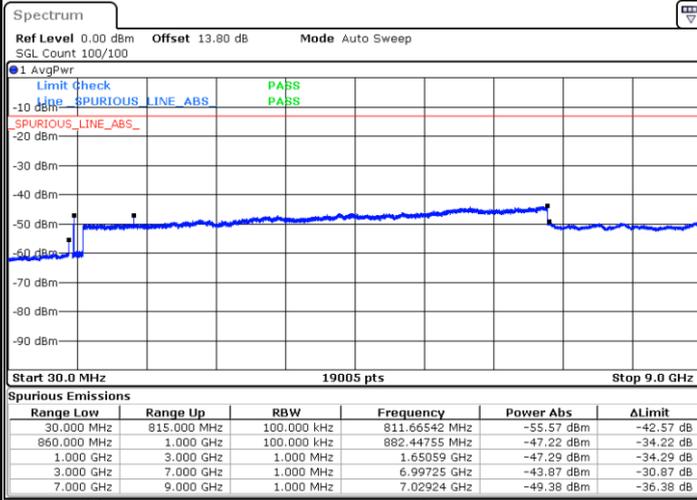
Date: 23.SEP.2021 15:38:14



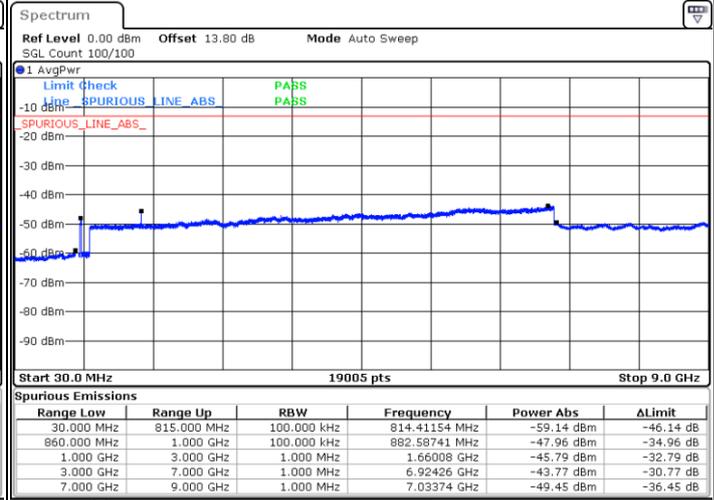
LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

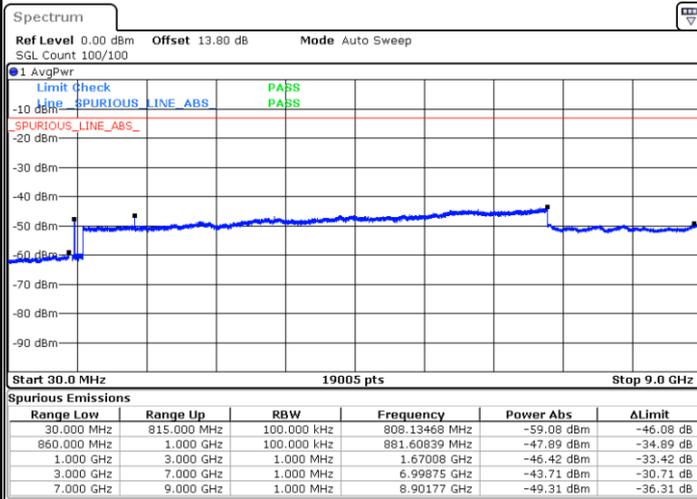


Date: 23.SEP.2021 15:43:42



Date: 23.SEP.2021 15:46:01

Highest Channel / 64QAM



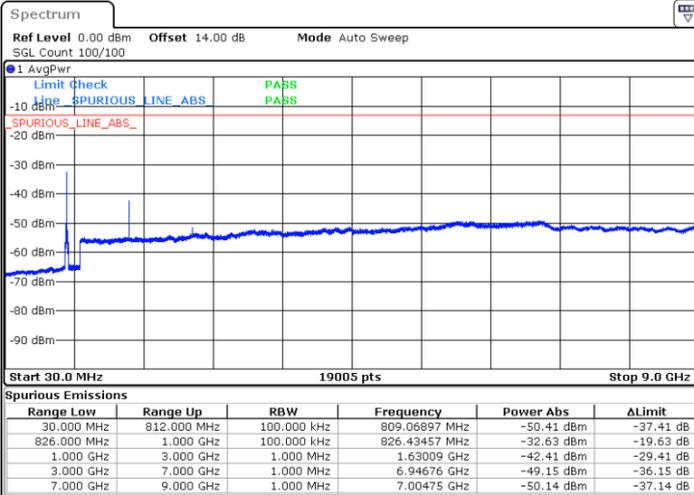
Date: 23.SEP.2021 15:51:48



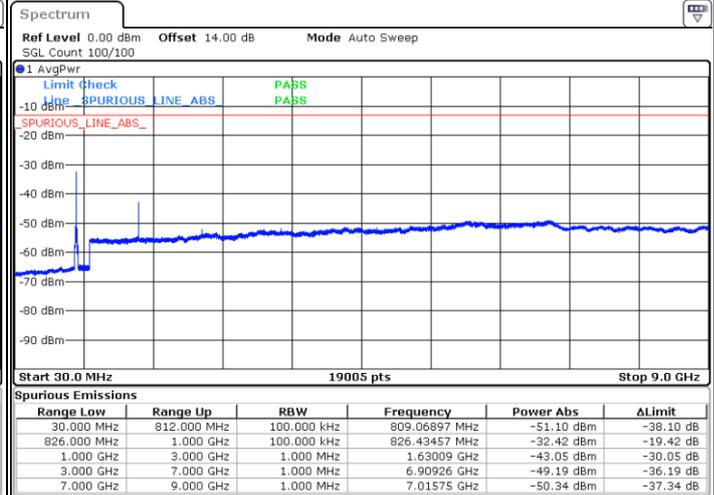
LTE Band 26 / 15MHz

Channel 26765 / QPSK

Channel 26765 / 16QAM

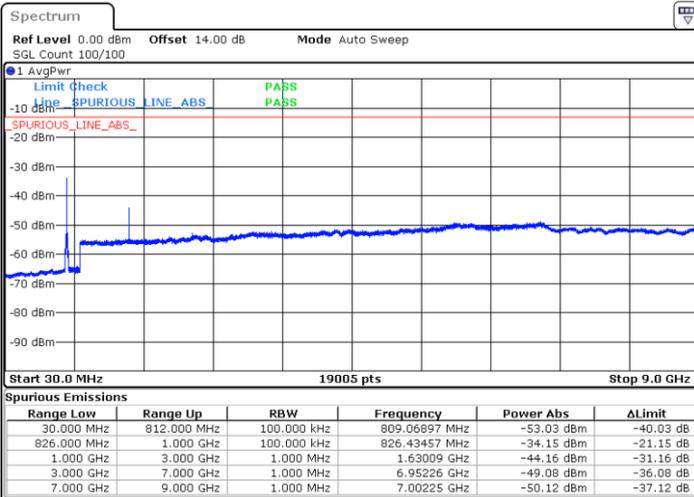


Date: 26.SEP.2021 19:04:27



Date: 26.SEP.2021 19:05:29

Channel 26765 / 64QAM



Date: 26.SEP.2021 18:36:51



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0164	
0	Normal Voltage	0.0151	
-10	Normal Voltage	0.0142	
-20	Normal Voltage	0.0145	
-30	Normal Voltage	0.0130	
20	Maximum Voltage	0.0141	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0157	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =6.9 V. ; Maximum Voltage =8.9 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	3.80	4.81	4.75	5.77	PASS
Middle CH	3.48	4.58	4.58	5.59	
Highest CH	3.51	4.52	4.52	5.54	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.54	6.26	-	-	PASS
Middle CH	5.48	6.12	-	-	
Highest CH	5.16	6.14	-	-	



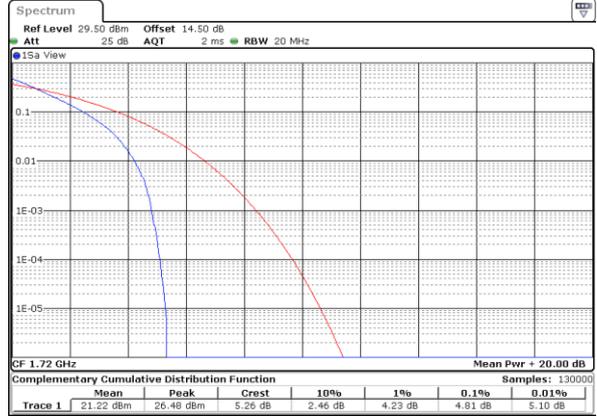
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 27_SEP.2021 01:28:44

Lowest Channel / Full RB



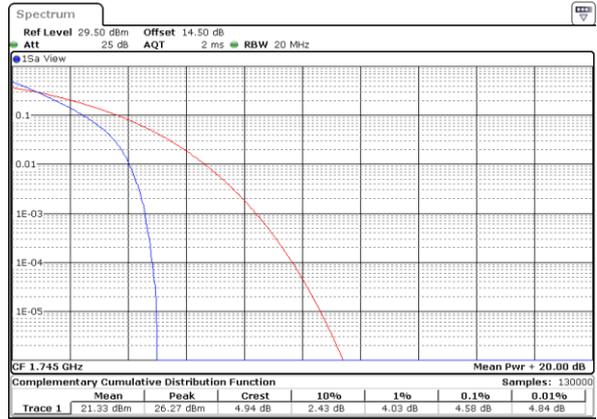
Date: 27_SEP.2021 01:28:54

Middle Channel / 1RB



Date: 27_SEP.2021 01:29:04

Middle Channel / Full RB



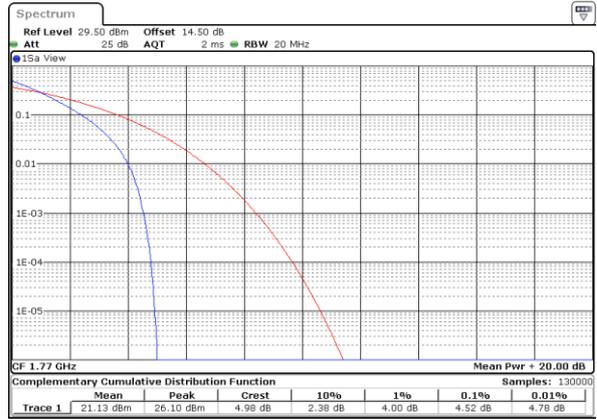
Date: 27_SEP.2021 01:29:14

Highest Channel / 1RB



Date: 27_SEP.2021 01:29:25

Highest Channel / Full RB

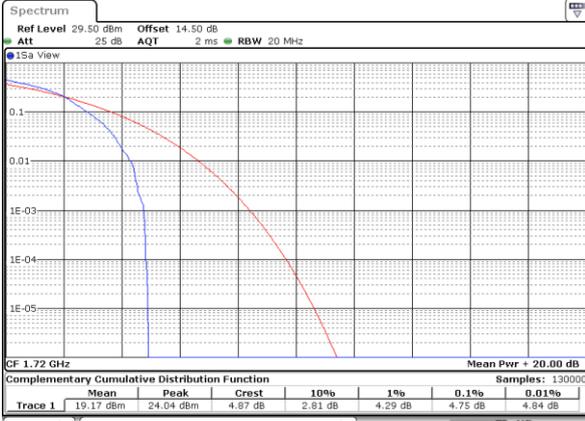


Date: 27_SEP.2021 01:29:35



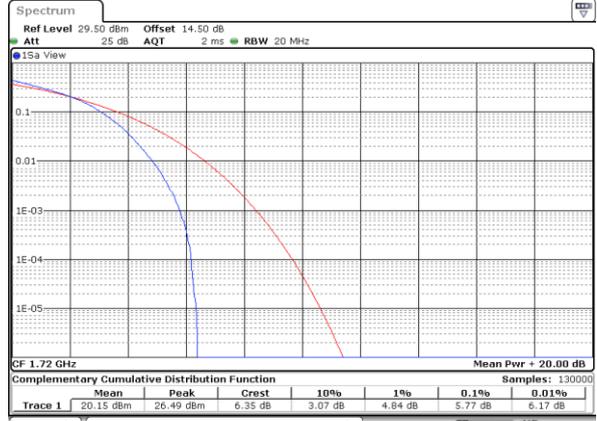
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



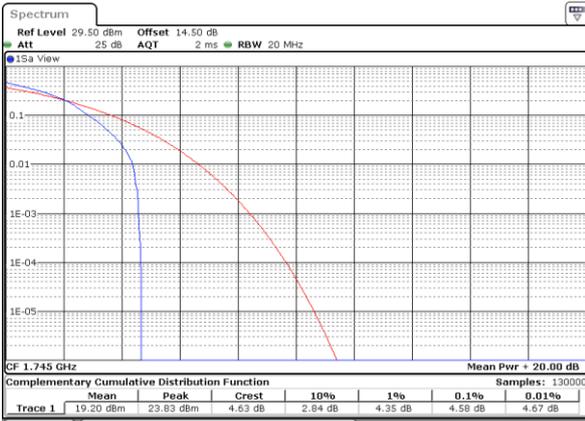
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Lowest Channel / Full RB



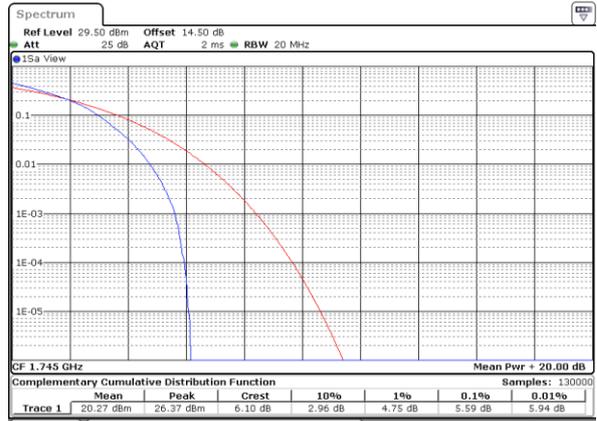
Date: 27_SEP.2021 01:27:38

Middle Channel / 1RB



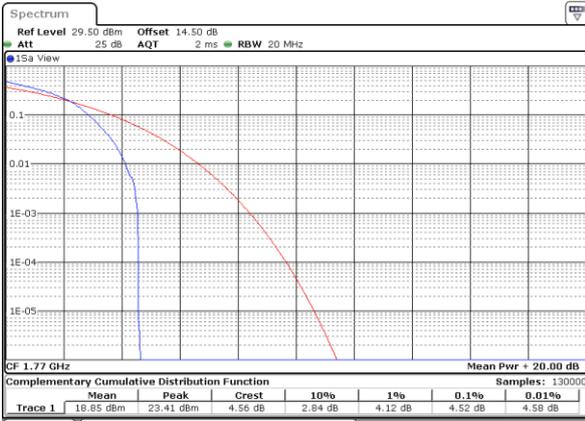
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Middle Channel / Full RB



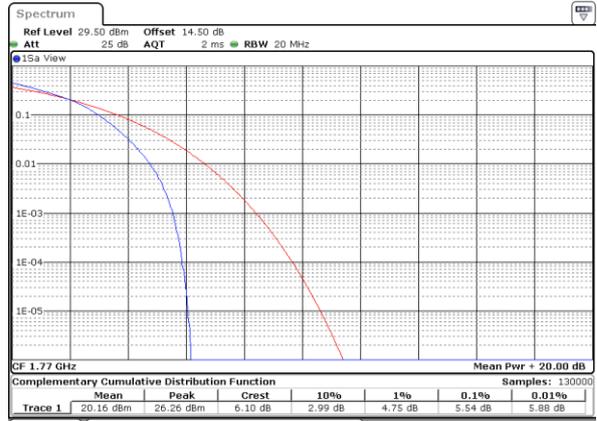
Date: 27_SEP.2021 01:28:10

Highest Channel / 1RB



Date: 27_SEP.2021 01:28:22

Highest Channel / Full RB

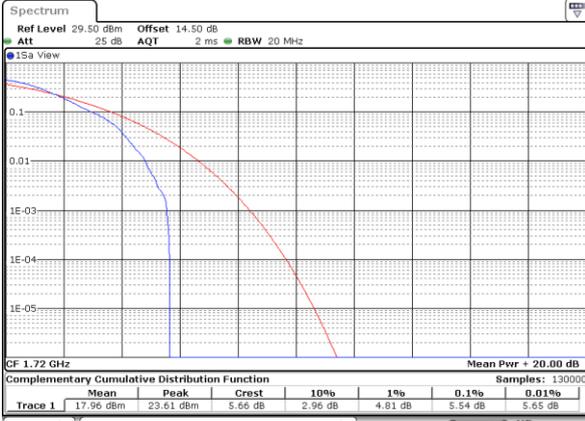


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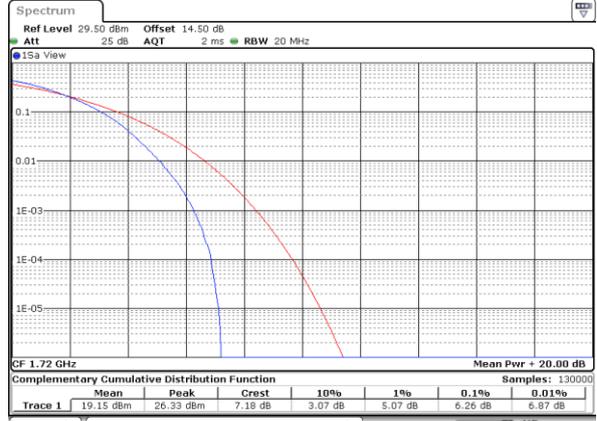
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



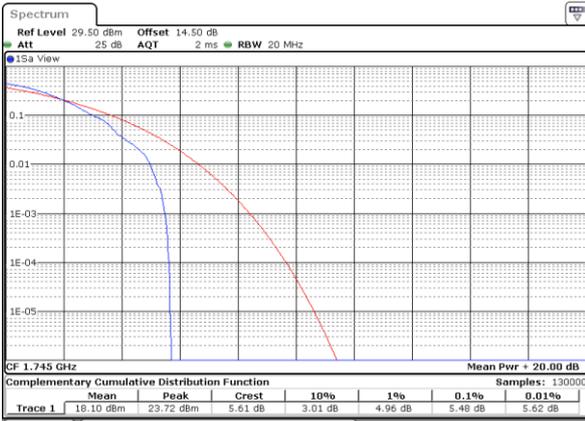
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Lowest Channel / Full RB



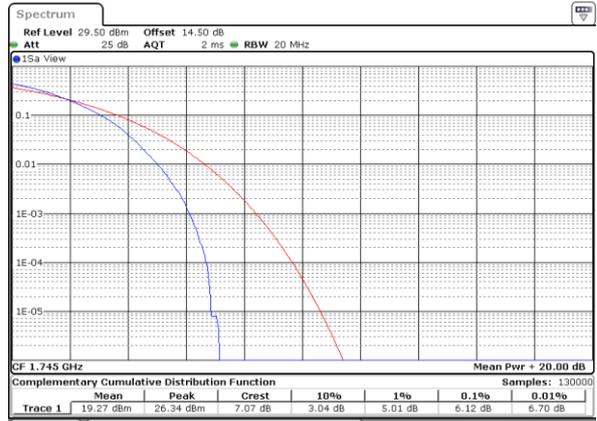
Date: 27_SEP.2021 01:29:56

Middle Channel / 1RB



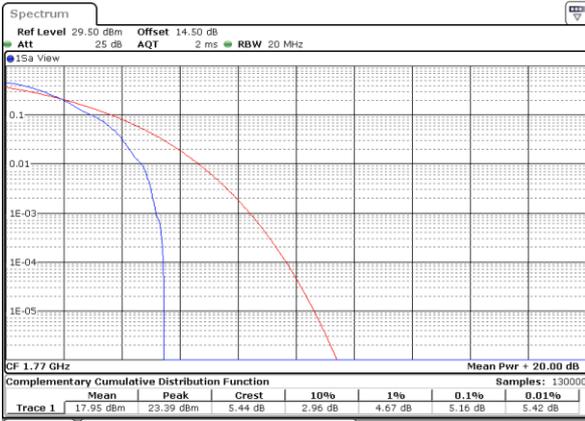
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Middle Channel / Full RB



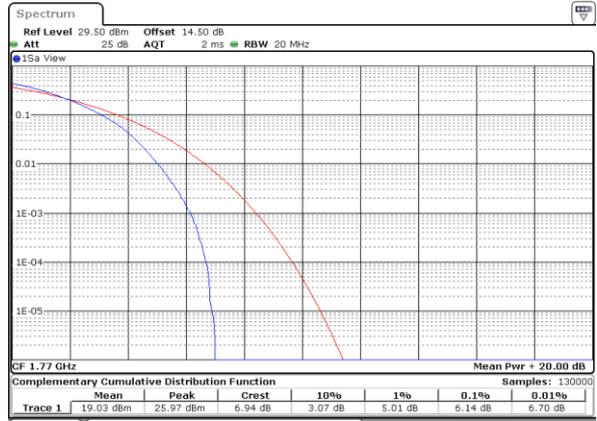
Date: 27_SEP.2021 01:30:17

Highest Channel / 1RB



Date: 27_SEP.2021 01:30:28

Highest Channel / Full RB



Date: 27_SEP.2021 01:30:41



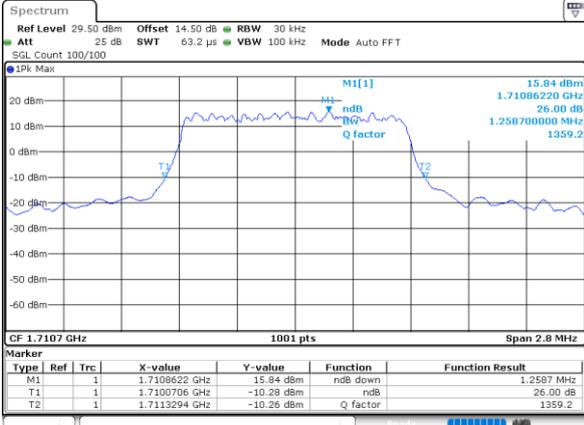
26dB Bandwidth

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	1.26	1.28	3.00	2.92	4.83	4.86	9.89	9.73	14.27	14.33	18.78	18.78
Middle CH	1.28	1.28	2.95	2.98	4.93	4.82	9.77	9.83	14.21	14.30	18.90	18.86
Highest CH	1.24	1.28	2.99	2.97	4.89	4.94	9.75	9.69	14.39	14.30	18.94	19.02
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.26	-	2.97	-	4.90	-	9.65		14.18		18.78	-
Middle CH	1.31	-	2.96	-	4.91	-	9.67		14.15		18.86	-
Highest CH	1.26	-	2.96	-	4.97	-	9.93		14.18		18.78	-



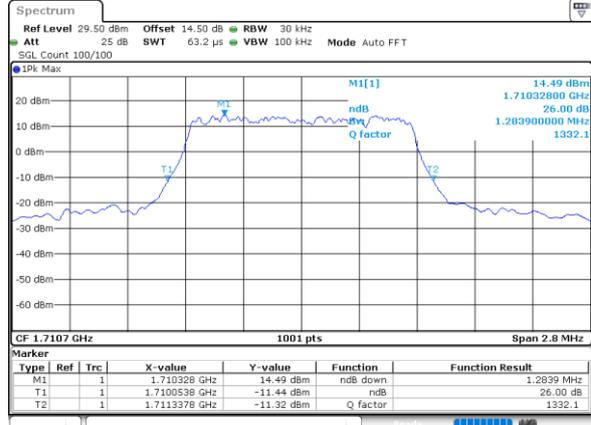
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



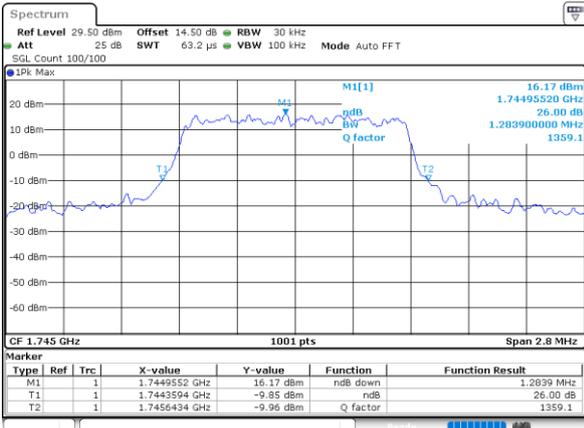
Date: 26_SEP.2021 22:44:22

Lowest Channel / 1.4MHz / 16QAM



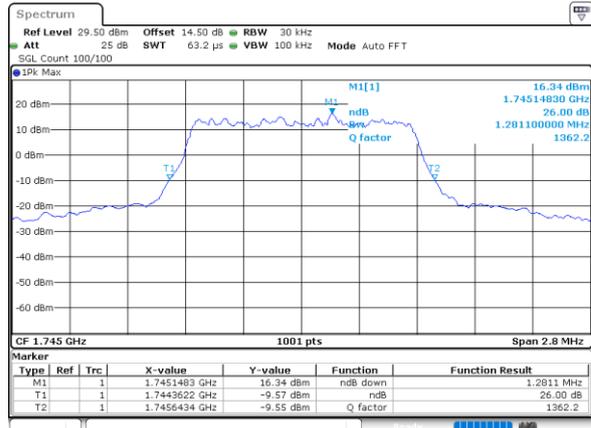
Date: 26_SEP.2021 22:44:34

Middle Channel / 1.4MHz / QPSK



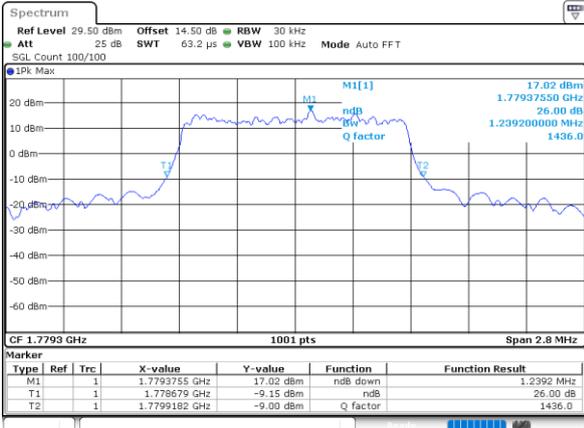
Date: 26_SEP.2021 22:51:18

Middle Channel / 1.4MHz / 16QAM



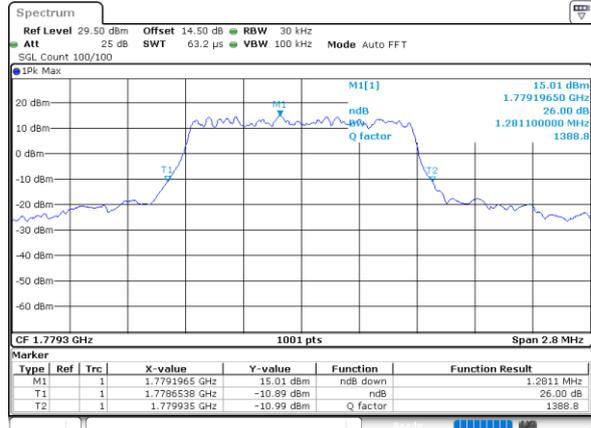
Date: 26_SEP.2021 22:51:30

Highest Channel / 1.4MHz / QPSK



Date: 26_SEP.2021 22:54:04

Highest Channel / 1.4MHz / 16QAM

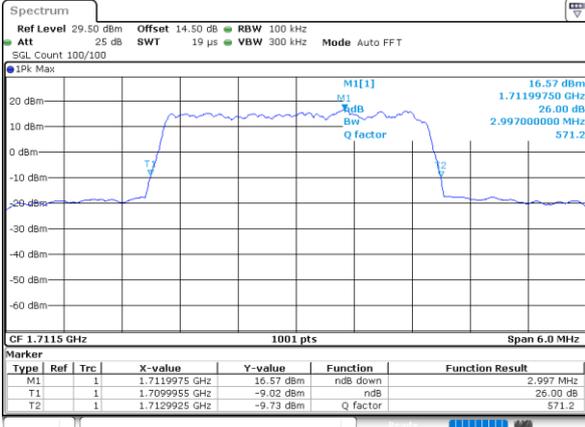


Date: 26_SEP.2021 22:54:15



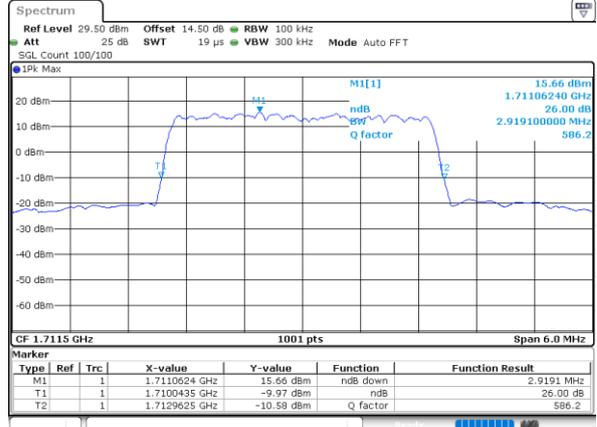
LTE Band 66

Lowest Channel / 3MHz / QPSK



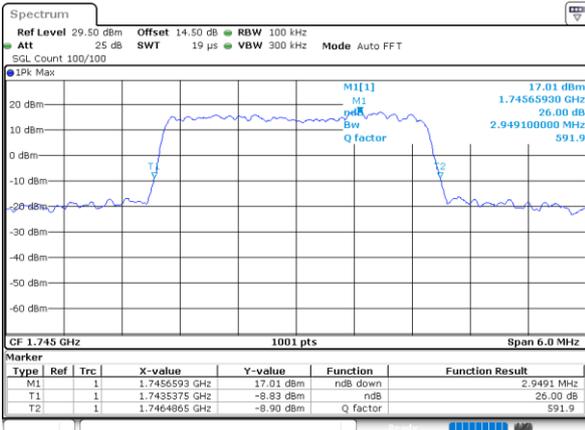
Date: 26_SEP.2021 23:09:17

Lowest Channel / 3MHz / 16QAM



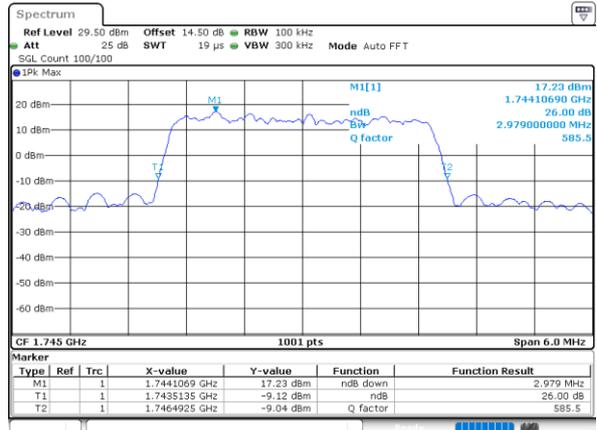
Date: 26_SEP.2021 23:09:28

Middle Channel / 3MHz / QPSK



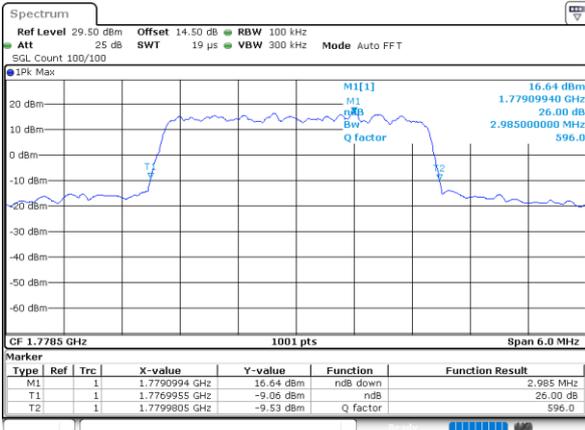
Date: 26_SEP.2021 23:15:39

Middle Channel / 3MHz / 16QAM



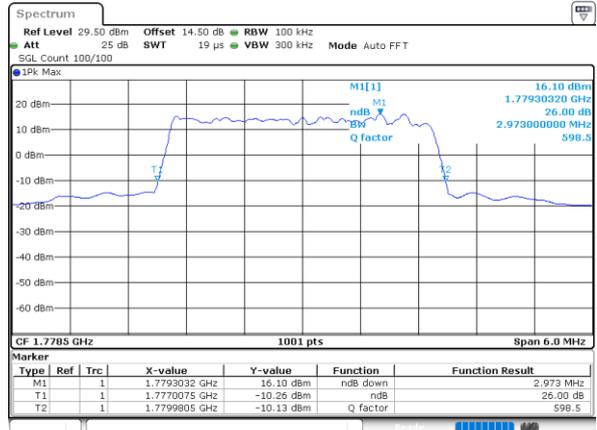
Date: 26_SEP.2021 23:15:51

Highest Channel / 3MHz / QPSK



Date: 26_SEP.2021 23:18:26

Highest Channel / 3MHz / 16QAM

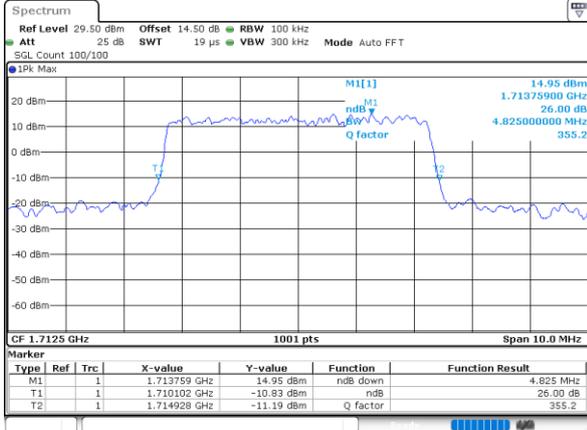


Date: 26_SEP.2021 23:18:37



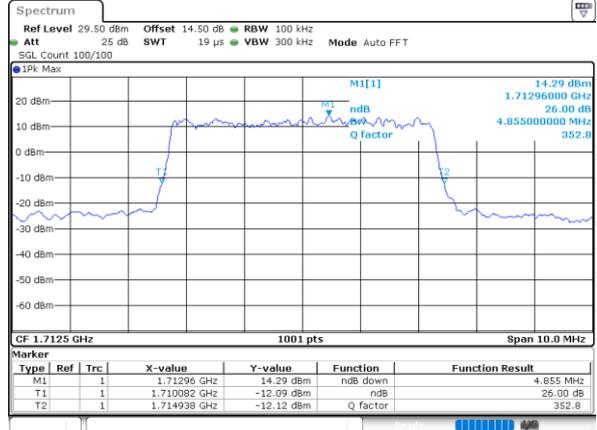
LTE Band 66

Lowest Channel / 5MHz / QPSK



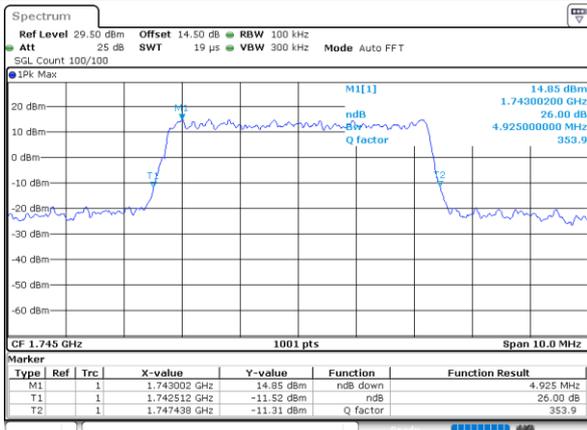
Date: 27_SEP.2021 00:01:55

Lowest Channel / 5MHz / 16QAM



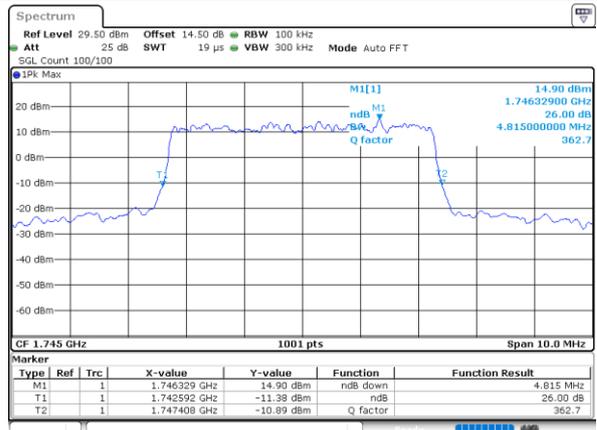
Date: 27_SEP.2021 00:02:07

Middle Channel / 5MHz / QPSK



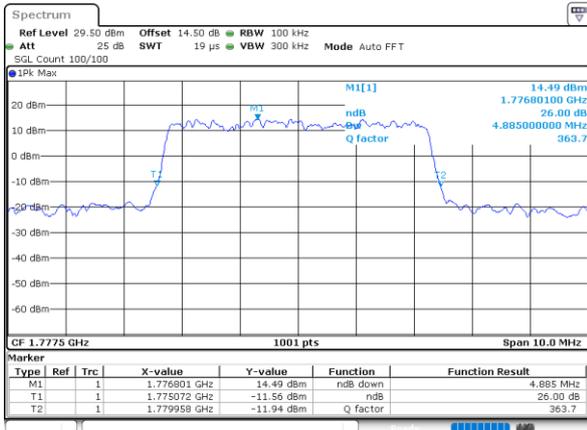
Date: 27_SEP.2021 00:08:18

Middle Channel / 5MHz / 16QAM



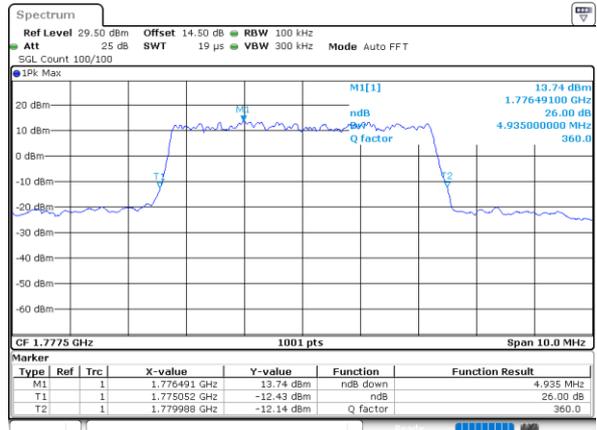
Date: 27_SEP.2021 00:08:29

Highest Channel / 5MHz / QPSK



Date: 27_SEP.2021 00:11:04

Highest Channel / 5MHz / 16QAM

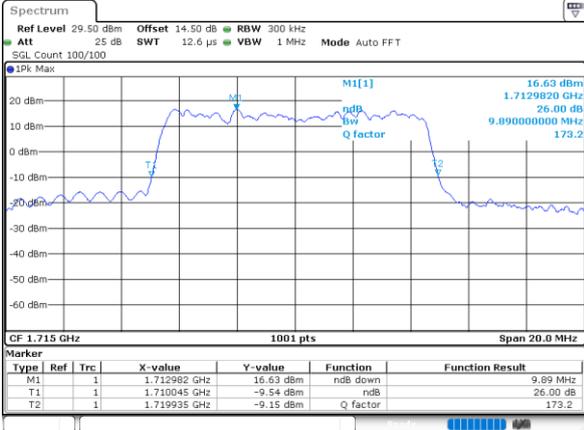


Date: 27_SEP.2021 00:11:15



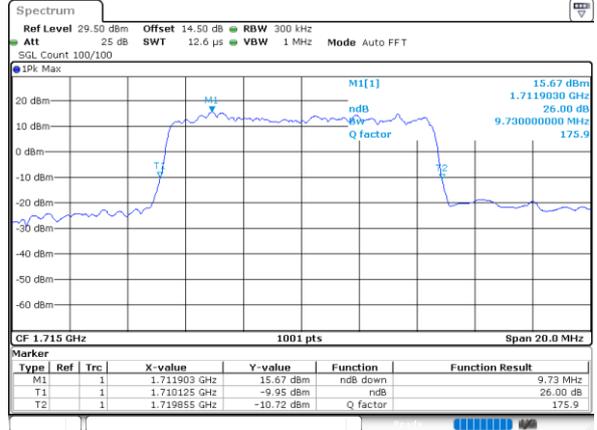
LTE Band 66

Lowest Channel / 10MHz / QPSK



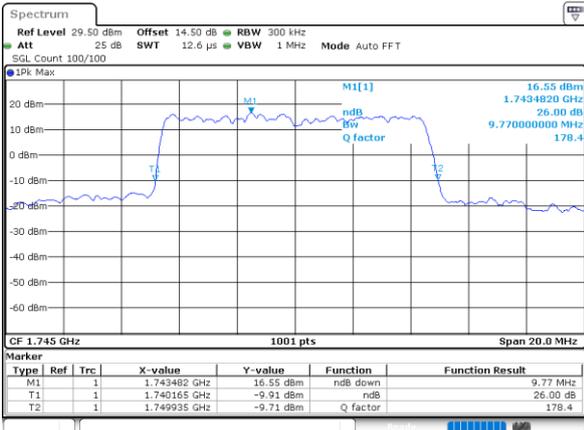
Date: 27_SEP.2021 00:17:26

Lowest Channel / 10MHz / 16QAM



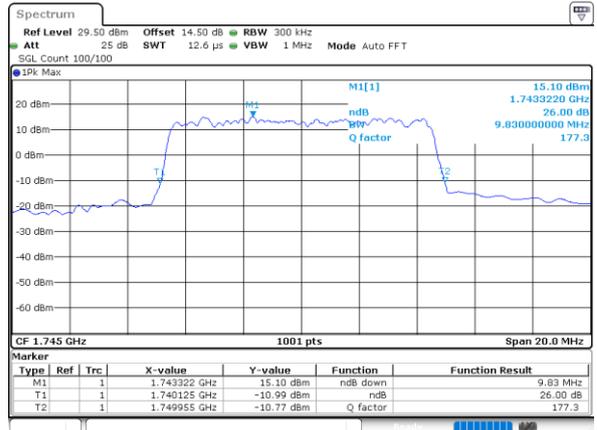
Date: 27_SEP.2021 00:17:37

Middle Channel / 10MHz / QPSK



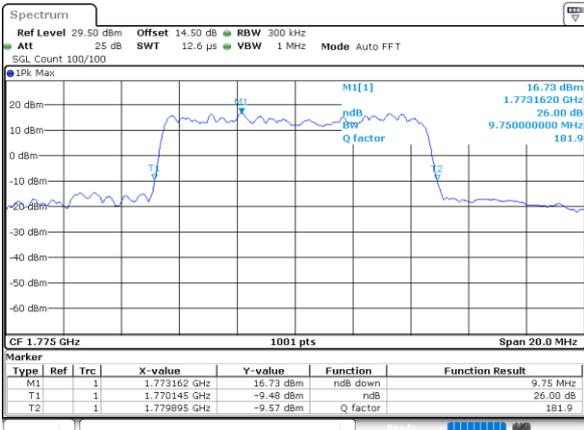
Date: 27_SEP.2021 00:23:48

Middle Channel / 10MHz / 16QAM



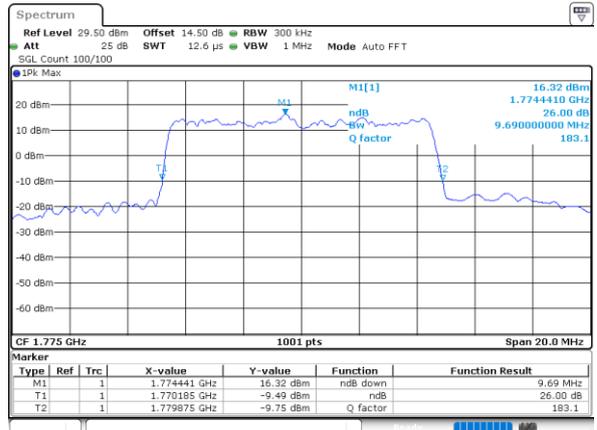
Date: 27_SEP.2021 00:23:59

Highest Channel / 10MHz / QPSK



Date: 27_SEP.2021 00:26:34

Highest Channel / 10MHz / 16QAM

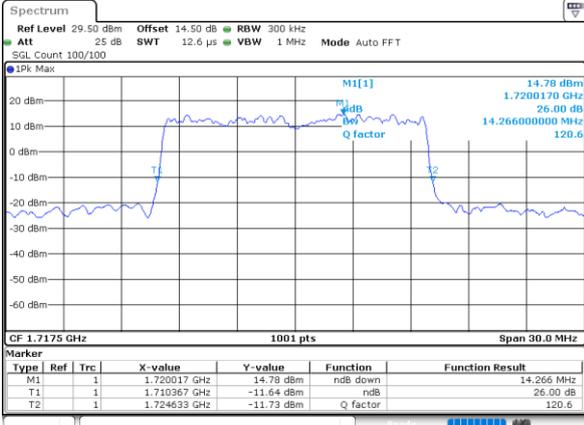


Date: 27_SEP.2021 00:26:46



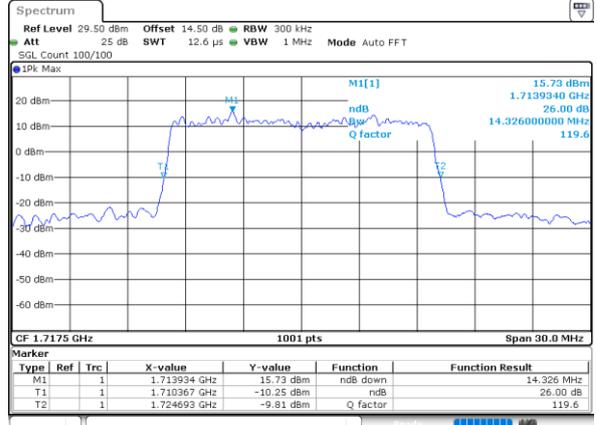
LTE Band 66

Lowest Channel / 15MHz / QPSK



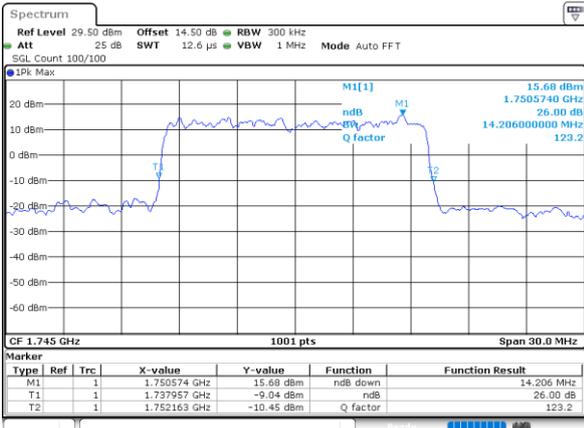
Date: 27_SEP.2021 00:48:27

Lowest Channel / 15MHz / 16QAM



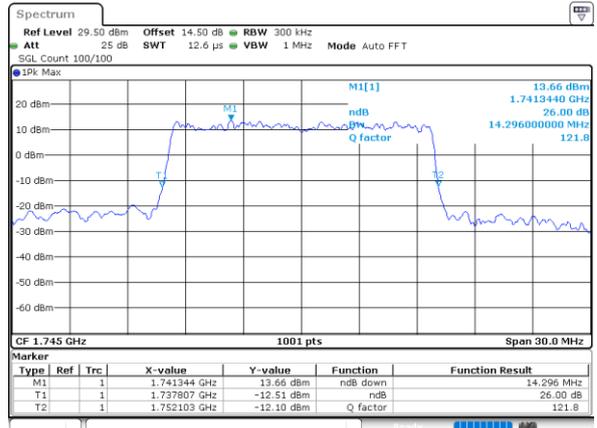
Date: 27_SEP.2021 00:48:38

Middle Channel / 15MHz / QPSK



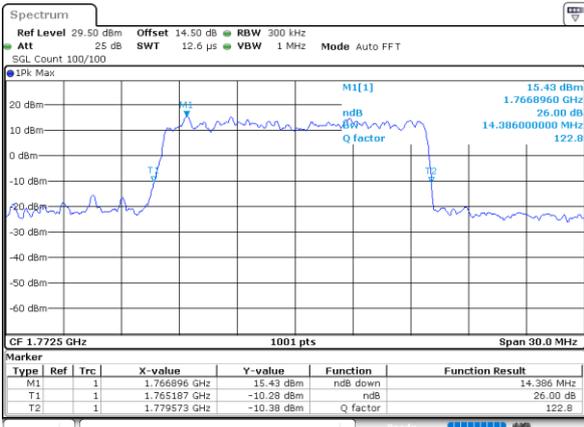
Date: 27_SEP.2021 00:54:49

Middle Channel / 15MHz / 16QAM



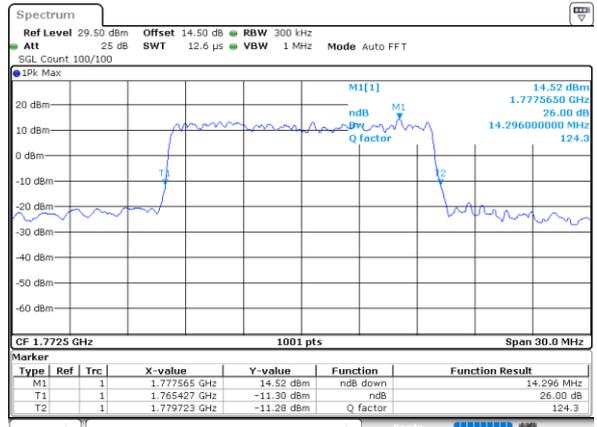
Date: 27_SEP.2021 00:55:01

Highest Channel / 15MHz / QPSK



Date: 27_SEP.2021 00:57:35

Highest Channel / 15MHz / 16QAM

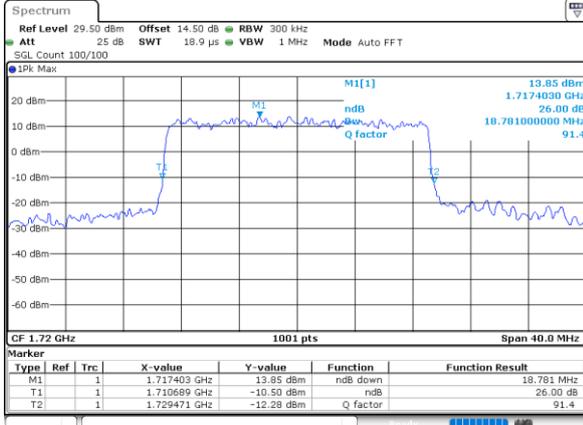


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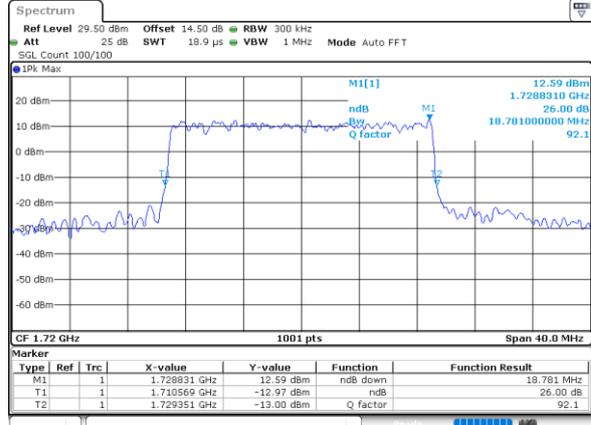
LTE Band 66

Lowest Channel / 20MHz / QPSK



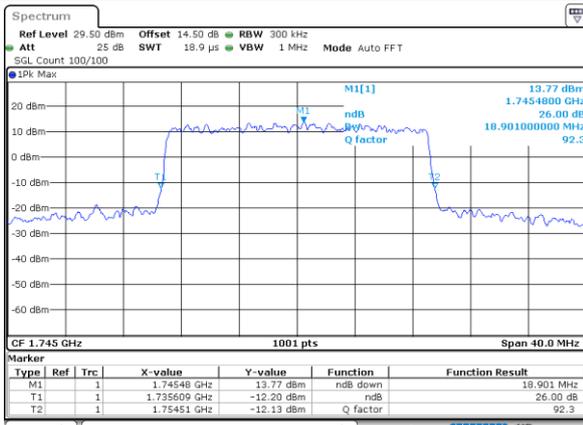
Date: 27_SEP.2021 01:03:57

Lowest Channel / 20MHz / 16QAM



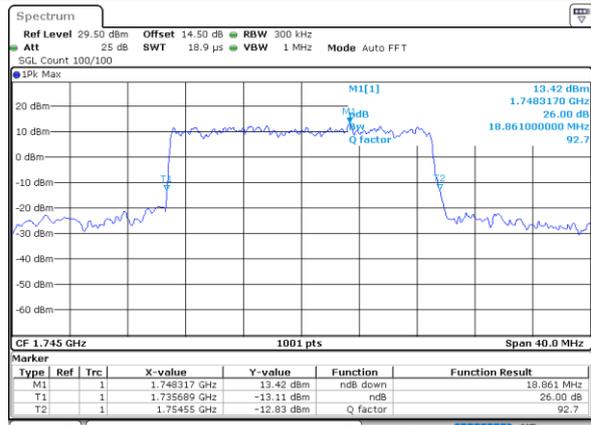
Date: 27_SEP.2021 01:04:09

Middle Channel / 20MHz / QPSK



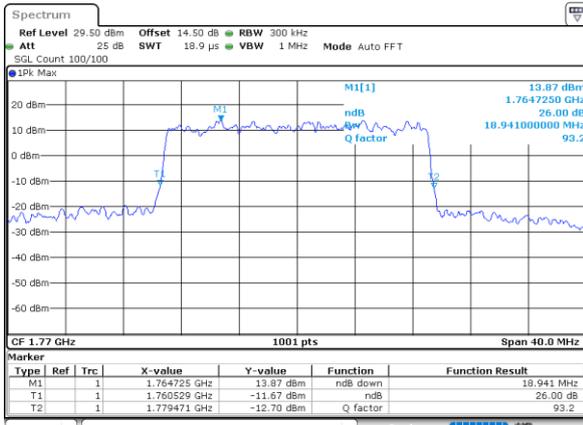
Date: 27_SEP.2021 01:10:20

Middle Channel / 20MHz / 16QAM



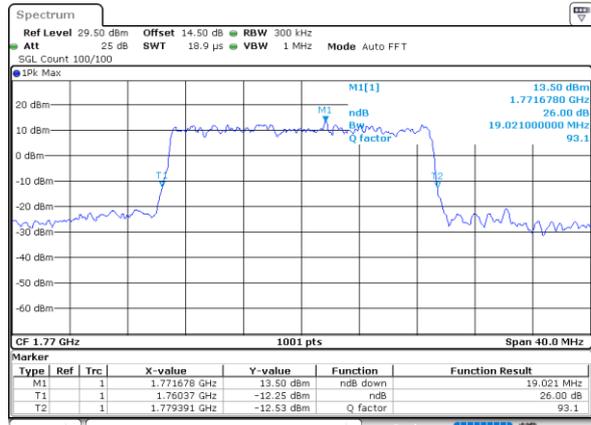
Date: 27_SEP.2021 01:10:31

Highest Channel / 20MHz / QPSK



Date: 27_SEP.2021 01:13:05

Highest Channel / 20MHz / 16QAM

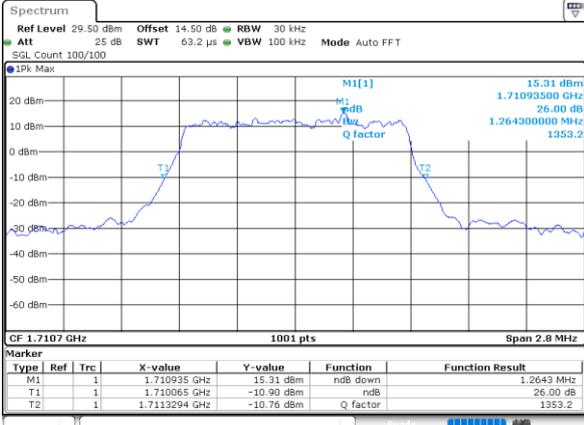


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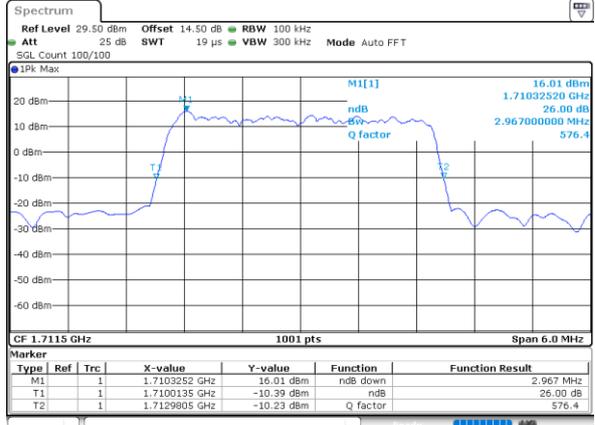
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



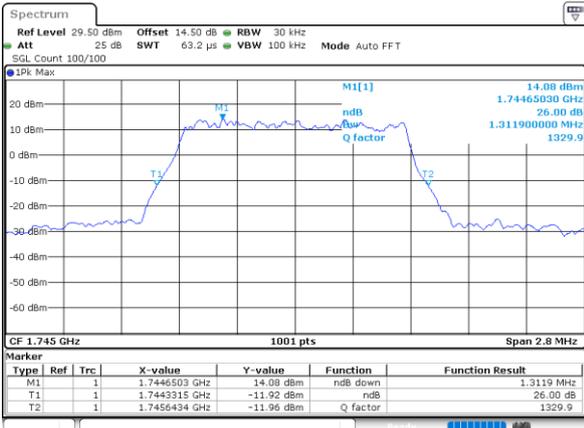
Date: 26_SEP.2021 23:00:47

Lowest Channel / 3MHz / 64QAM



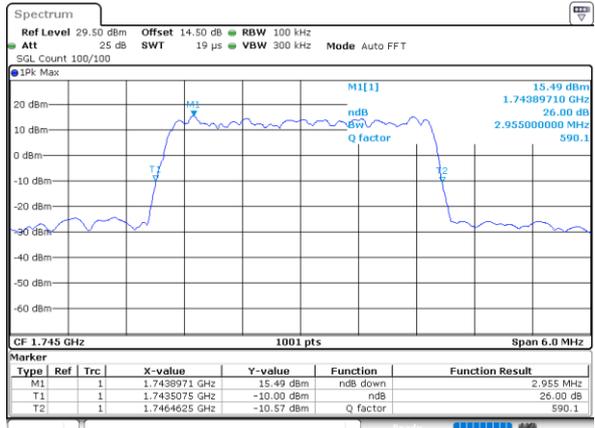
Date: 26_SEP.2021 23:24:36

Middle Channel / 1.4MHz / 64QAM



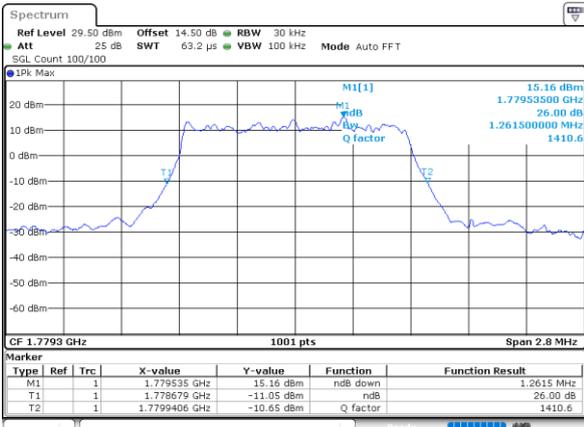
Date: 26_SEP.2021 23:04:15

Middle Channel / 3MHz / 64QAM



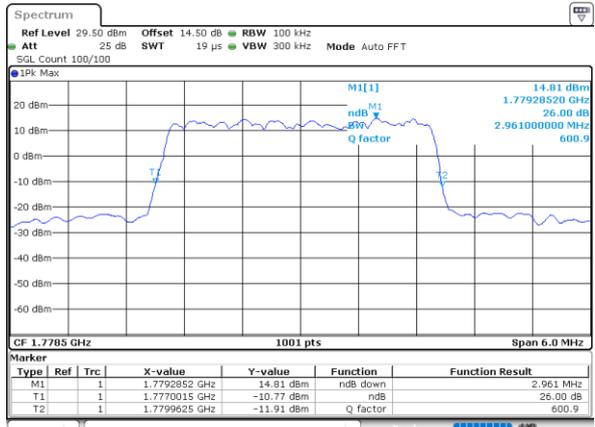
Date: 26_SEP.2021 23:54:25

Highest Channel / 1.4MHz / 64QAM



Date: 26_SEP.2021 23:05:38

Highest Channel / 3MHz / 64QAM

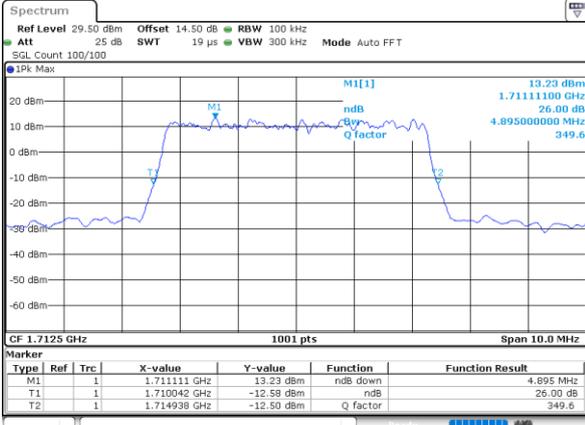


Date: 26_SEP.2021 23:50:48



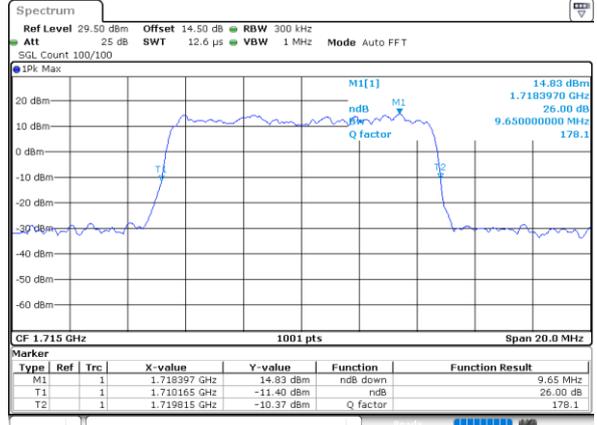
LTE Band 66

Lowest Channel / 5MHz / 64QAM



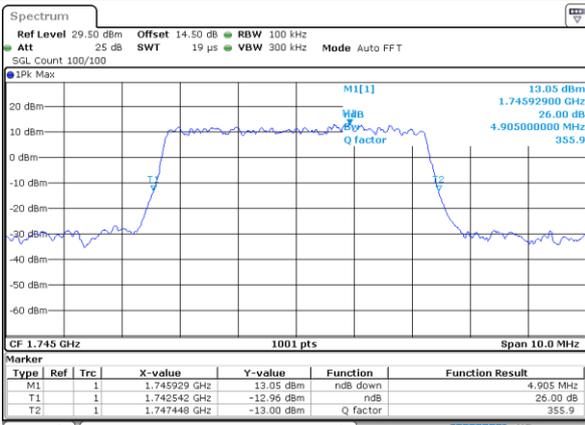
Date: 26_SEP.2021 23:53:59

Lowest Channel / 10MHz / 64QAM



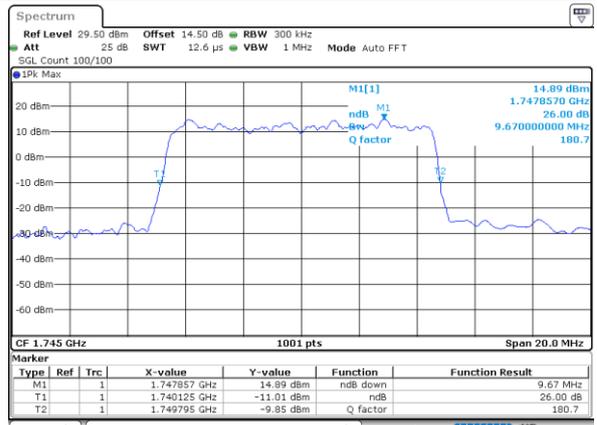
Date: 27_SEP.2021 00:13:46

Middle Channel / 5MHz / 64QAM



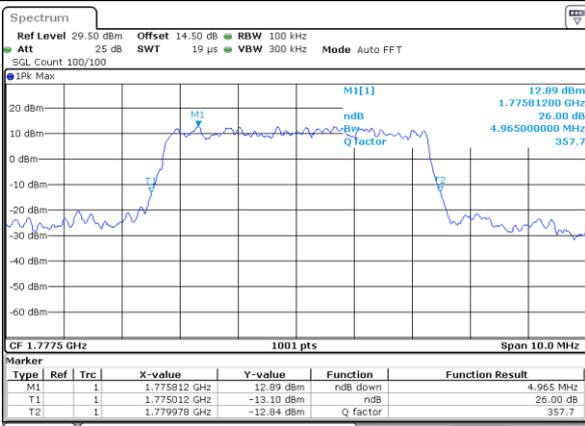
Date: 26_SEP.2021 23:57:10

Middle Channel / 10MHz / 64QAM



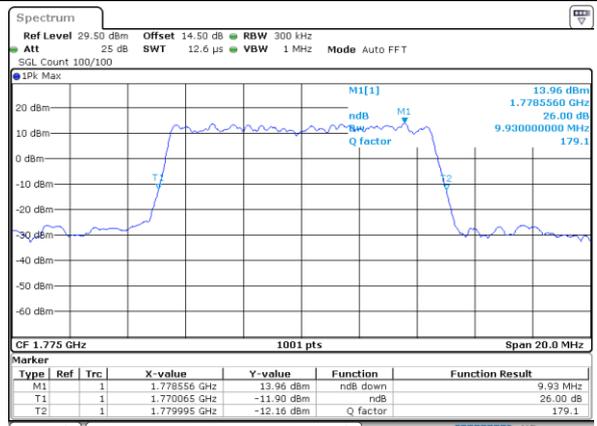
Date: 27_SEP.2021 00:13:57

Highest Channel / 5MHz / 64QAM



Date: 26_SEP.2021 23:58:33

Highest Channel / 10MHz / 64QAM

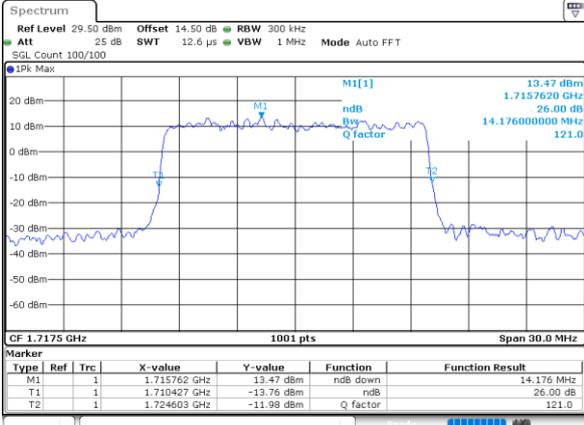


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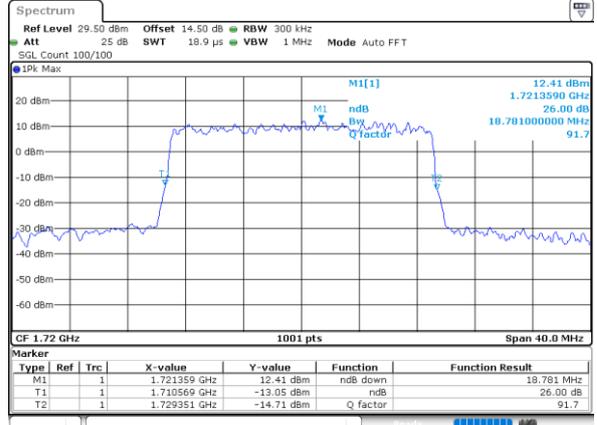
LTE Band 66

Lowest Channel / 15MHz / 64QAM



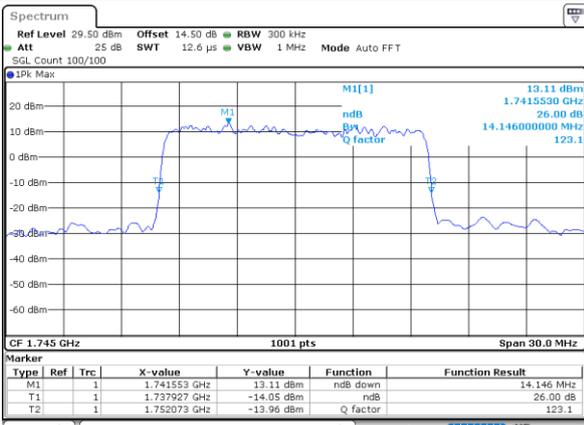
Date: 27_SEP.2021 00:40:30

Lowest Channel / 20MHz / 64QAM



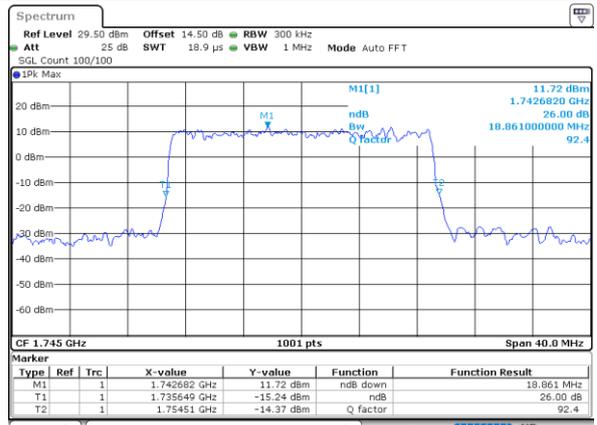
Date: 27_SEP.2021 01:19:16

Middle Channel / 15MHz / 64QAM



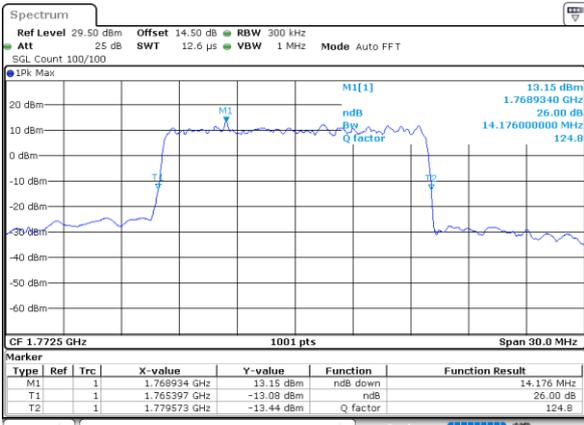
Date: 27_SEP.2021 00:43:42

Middle Channel / 20MHz / 64QAM



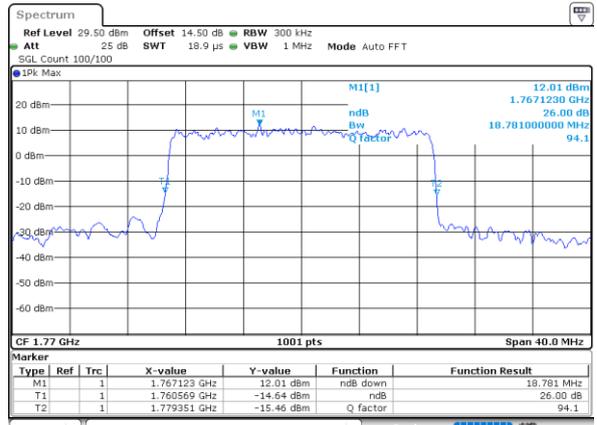
Date: 27_SEP.2021 01:22:28

Highest Channel / 15MHz / 64QAM



Date: 27_SEP.2021 00:45:05

Highest Channel / 20MHz / 64QAM



Date: 27_SEP.2021 01:23:51



Occupied Bandwidth

Mode	LTE Band 66 : 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	1.10	2.70	2.71	4.49	4.50	9.03	9.03	13.40	13.52	17.86	17.90
Middle CH	1.09	1.09	2.71	2.72	4.49	4.49	9.09	9.03	13.43	13.37	17.90	17.94
Highest CH	1.09	1.10	2.71	2.72	4.50	4.50	9.07	9.03	13.40	13.46	17.90	17.94
Mode	LTE Band 66 : 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		13.46		17.90	-
Middle CH	1.08	-	2.72	-	4.48	-	9.05		13.46		17.94	-
Highest CH	1.09	-	2.71	-	4.50	-	9.03		13.49		17.86	-