



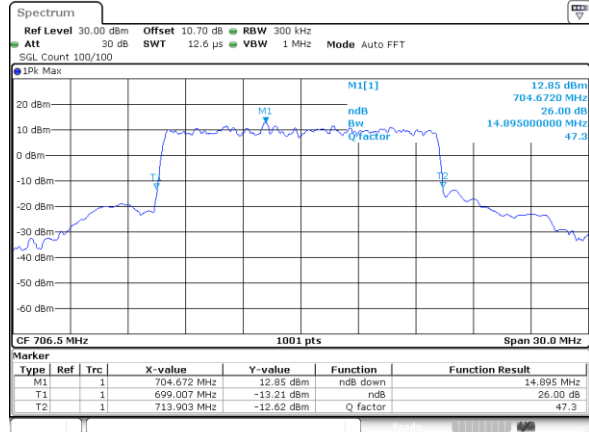
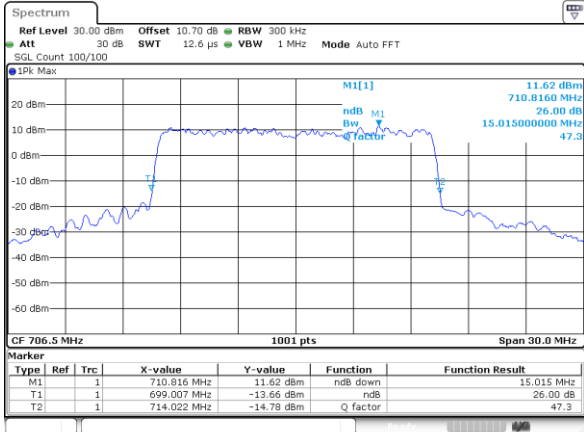
FR1 n12 / 15MHz / CP OFDM

64QAM

256QAM

Lowest Channel

Lowest Channel

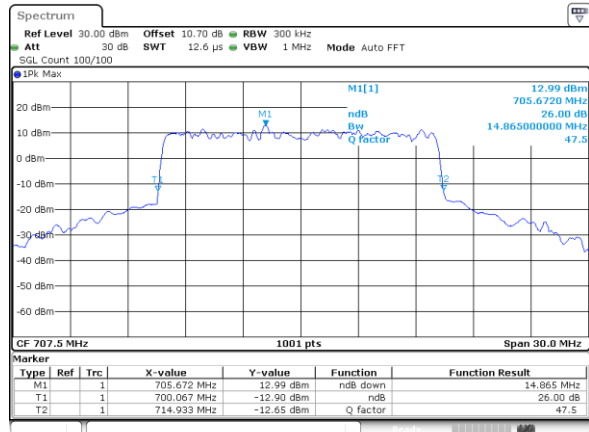
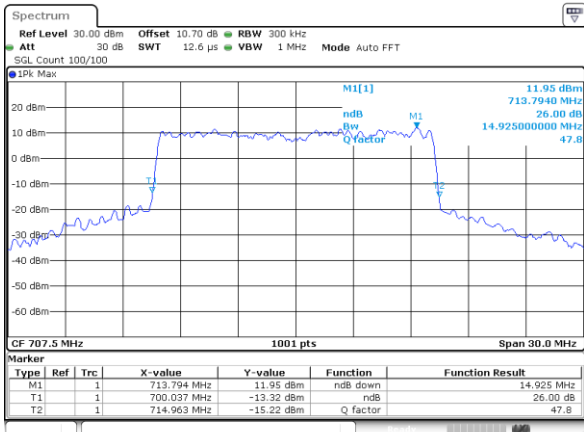


Date: 12 JUN 2020 10:05:14

Date: 12 JUN 2020 10:05:43

Middle Channel

Middle Channel

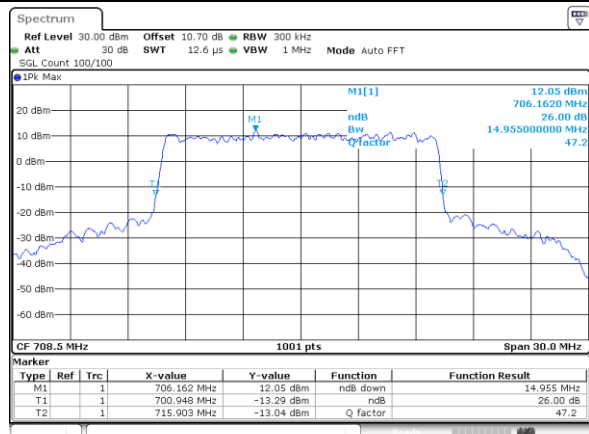
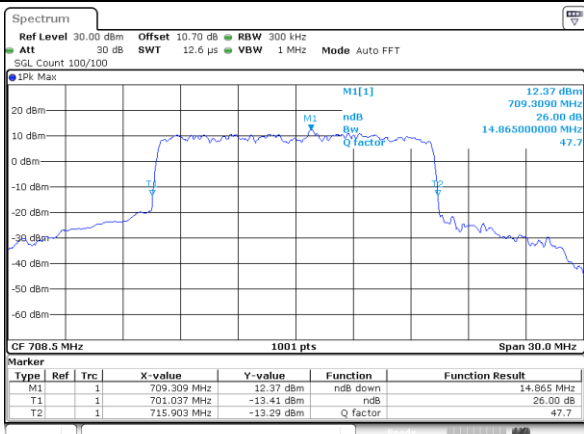


Date: 12 JUN 2020 10:06:55

Date: 12 JUN 2020 10:06:28

Highest Channel

Highest Channel



Date: 12 JUN 2020 10:12:37

Date: 12 JUN 2020 10:13:16



Occupied Bandwidth

Mode	FR1 n12 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Lowest CH	4.68		8.99		13.46			
Middle CH	4.67		9.05		13.46			
Highest CH	4.69		9.03		13.49			

Mode	FR1 n12 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	4.66	4.62	9.33	9.33	14.18	14.18		
Middle CH	4.68	4.67	9.41	9.37	14.12	14.15		
Highest CH	4.62	6.63	9.37	9.35	14.09	14.12		

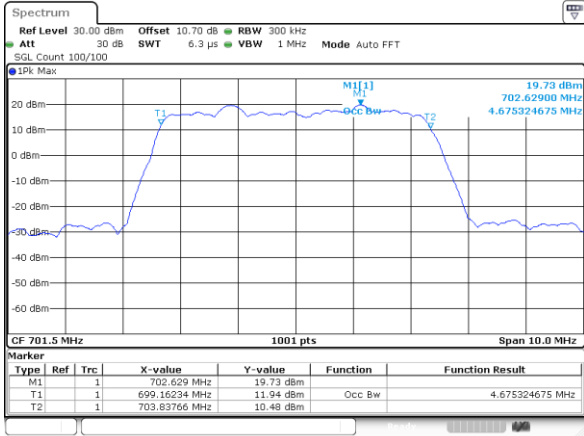
Mode	FR1 n12 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz			
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	4.60	4.66	10.25	10.19	14.18	14.12		
Middle CH	4.66	4.68	10.15	10.15	14.21	14.21		
Highest CH	4.64	4.64	10.01	10.29	14.15	14.18		



FR1 n12 / 5MHz / DFT-S OFDM

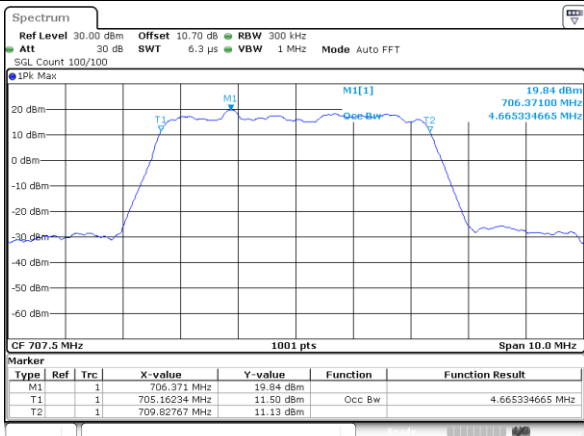
PI/2 BPSK

Lowest Channel



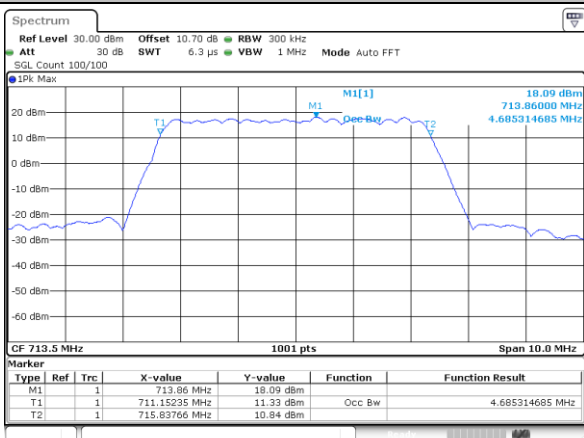
Date: 12 JUN 2020 16:57:43

Middle Channel



Date: 12 JUN 2020 17:09:09

Highest Channel



Date: 12 JUN 2020 17:11:23



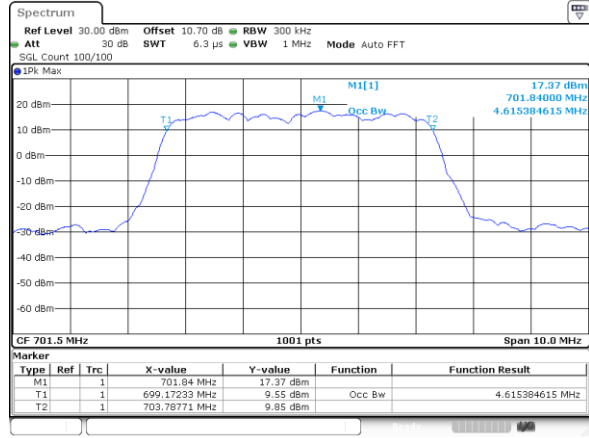
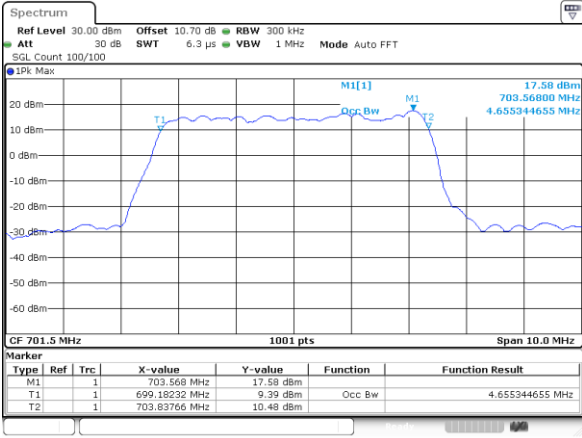
FR1 n12 / 5MHz / CP OFDM

QPSK

16QAM

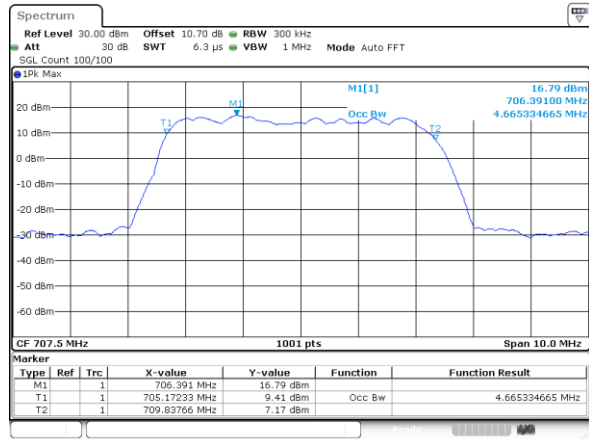
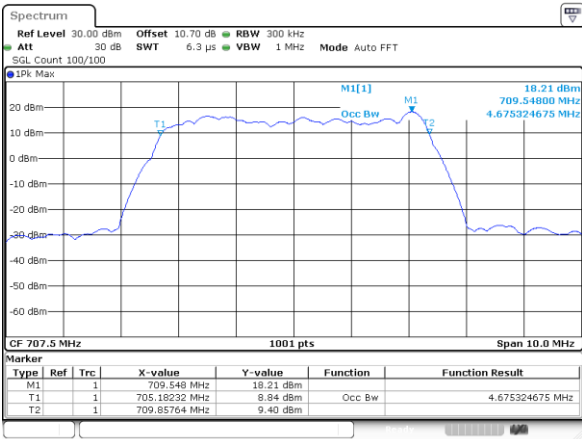
Lowest Channel

Lowest Channel



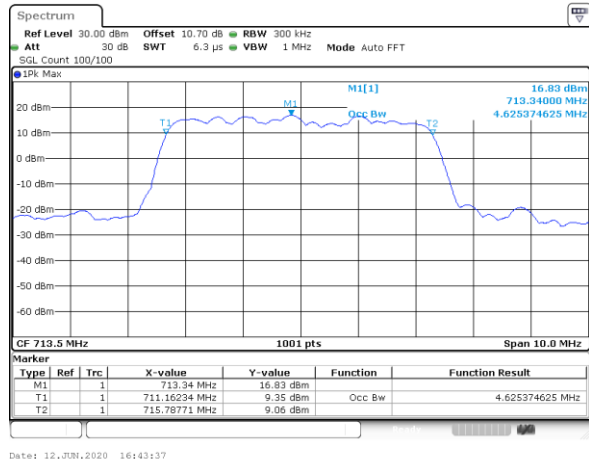
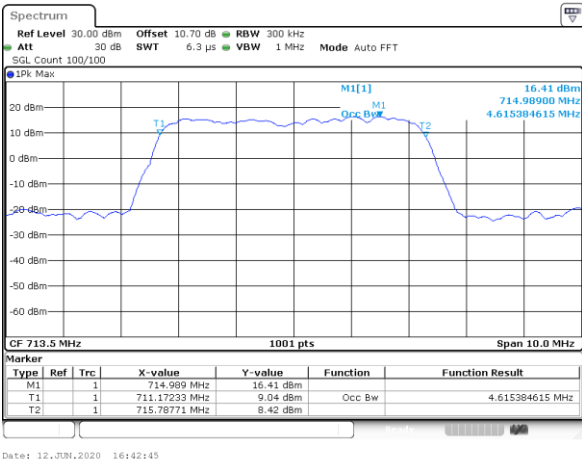
Middle Channel

Middle Channel



Highest Channel

Highest Channel

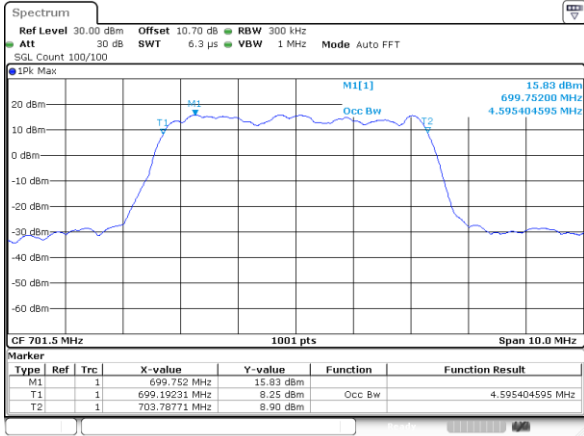




FR1 n12 / 5MHz / CP OFDM

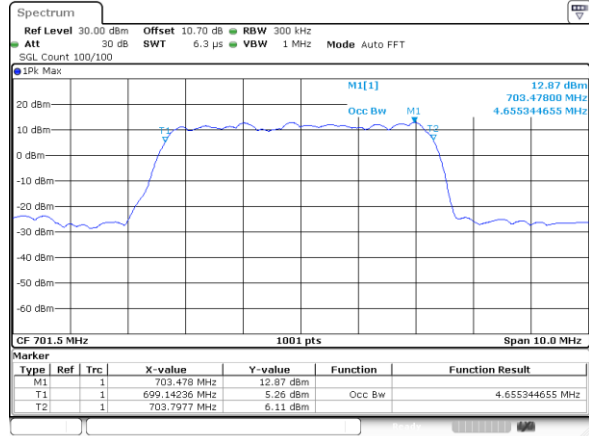
64QAM

Lowest Channel

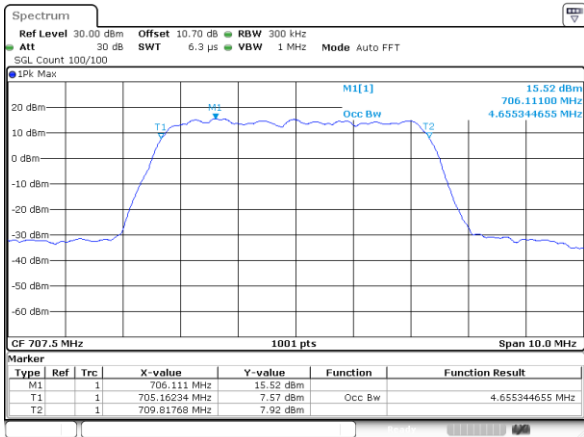


256QAM

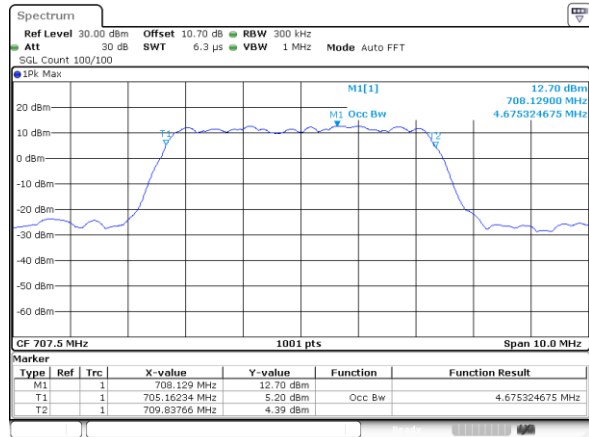
Lowest Channel



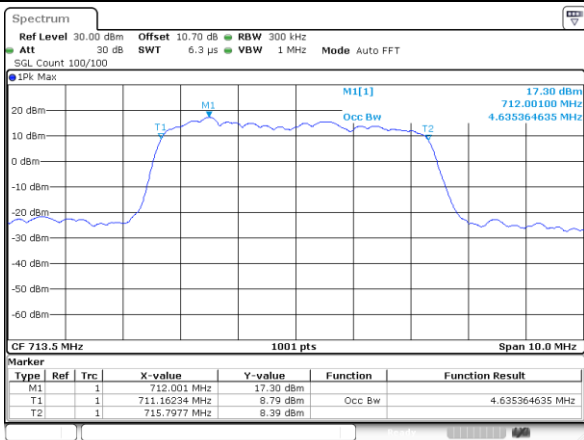
Middle Channel



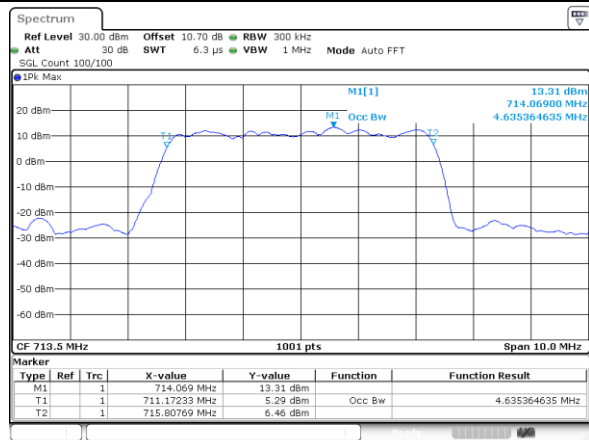
Middle Channel



Highest Channel



Highest Channel

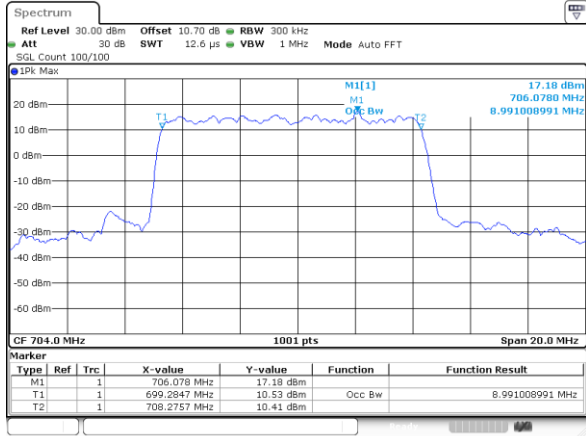




FR1 n12 / 10MHz / DFT-S OFDM

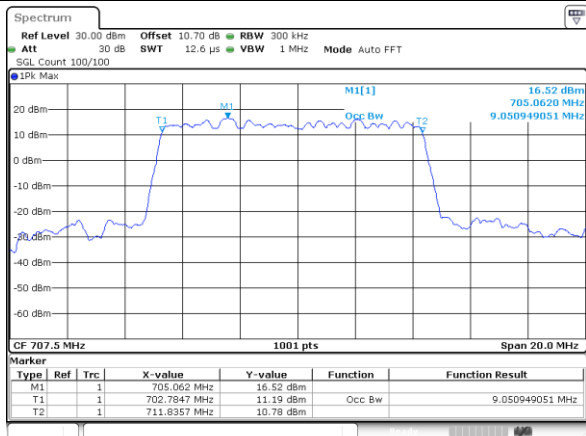
PI/2 BPSK

Lowest Channel



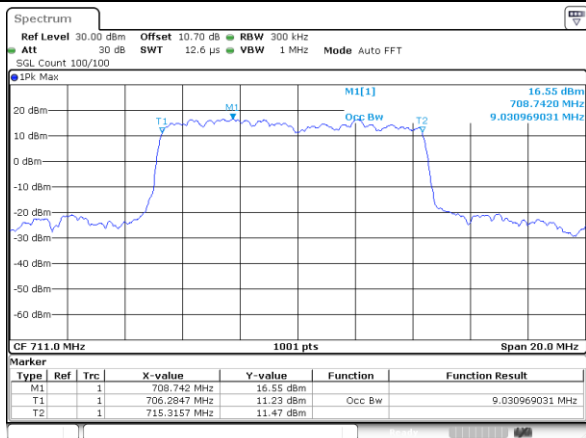
Date: 12 JUN 2020 16:02:10

Middle Channel



Date: 12 JUN 2020 15:03:35

Highest Channel



Date: 12 JUN 2020 15:51:16



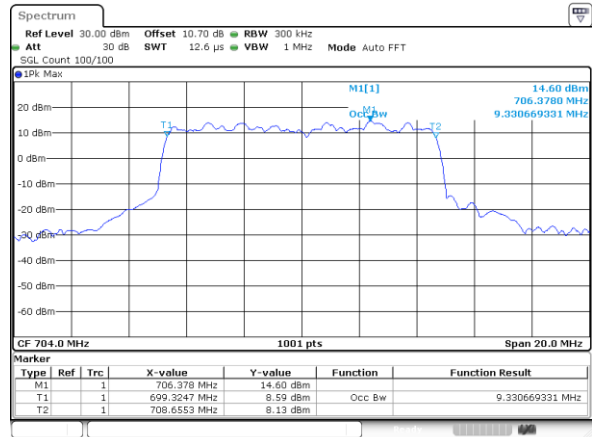
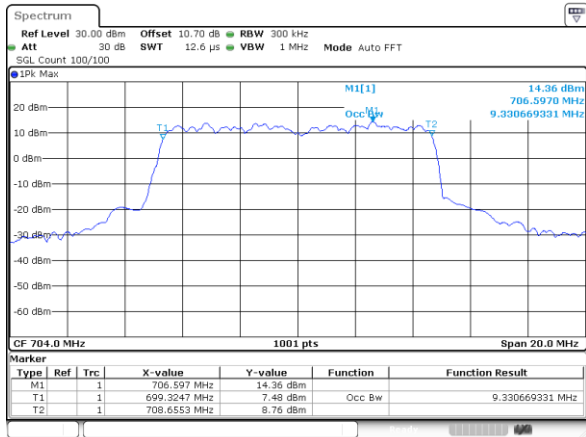
FR1 n12 / 10MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

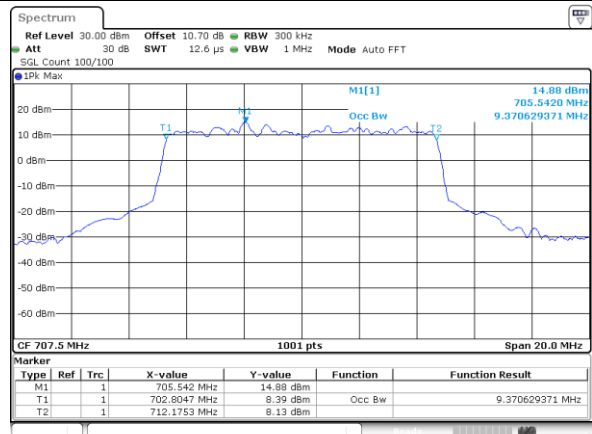
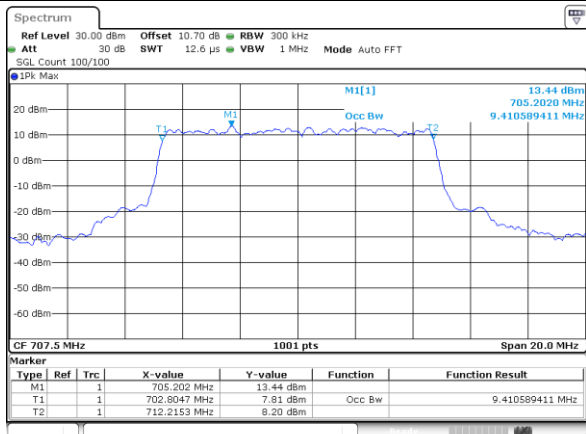


Date: 12 JUN 2020 15:01:00

Date: 12 JUN 2020 15:02:05

Middle Channel

Middle Channel

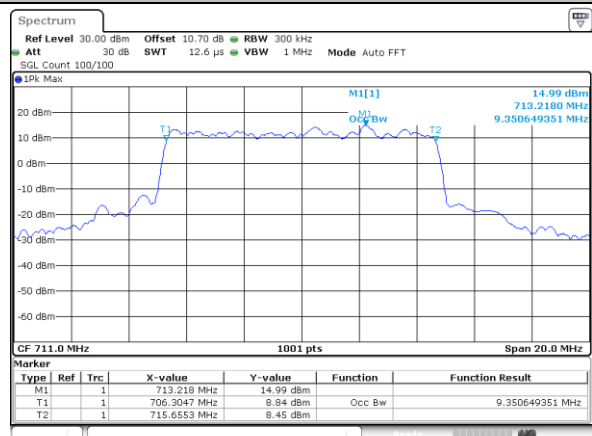
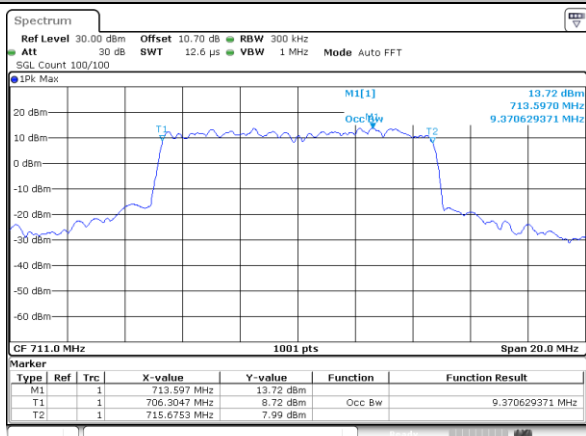


Date: 12 JUN 2020 15:00:28

Date: 12 JUN 2020 15:00:07

Highest Channel

Highest Channel



Date: 12 JUN 2020 14:56:59

Date: 12 JUN 2020 14:57:59



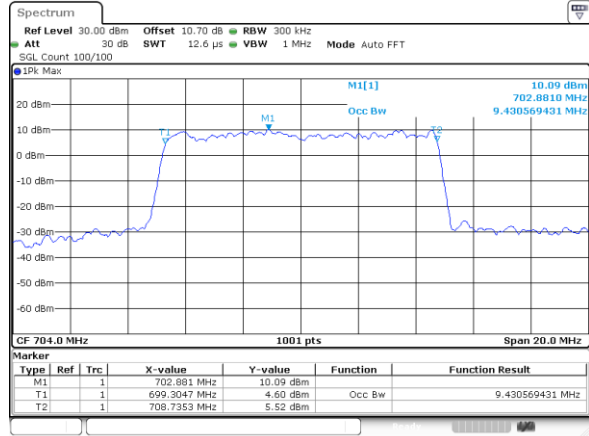
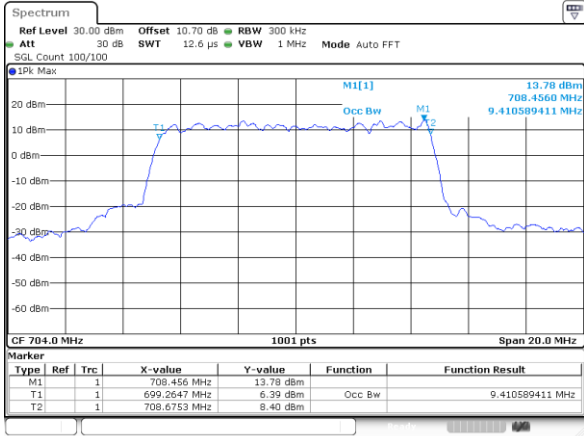
FR1 n12 / 10MHz / CP OFDM

64QAM

256QAM

Lowest Channel

Lowest Channel

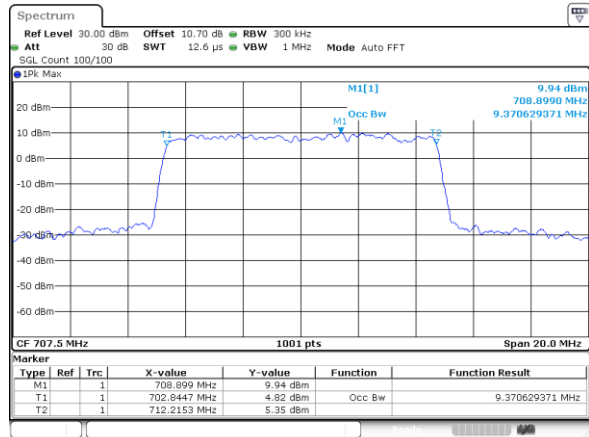
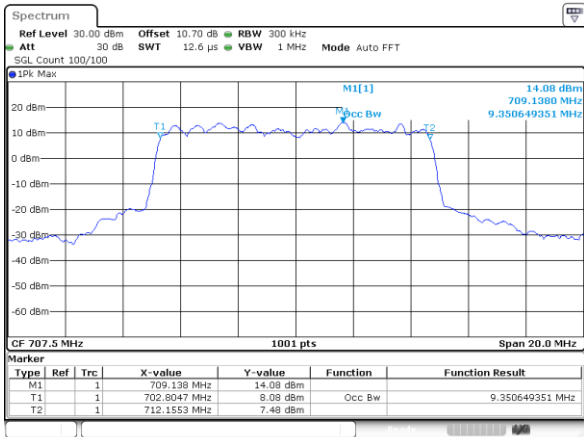


Date: 12 JUN 2020 15:02:39

Date: 12 JUN 2020 15:02:58

Middle Channel

Middle Channel

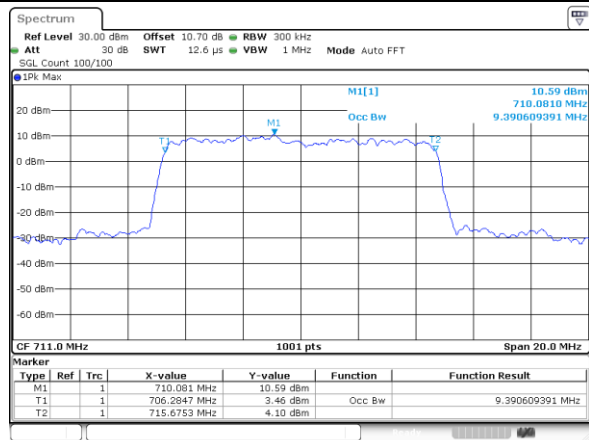
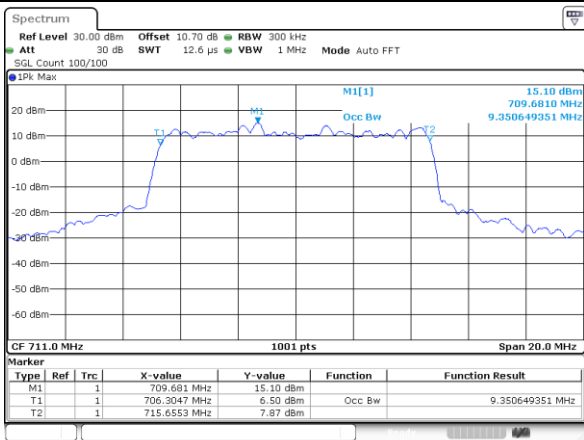


Date: 12 JUN 2020 14:59:48

Date: 12 JUN 2020 14:59:30

Highest Channel

Highest Channel



Date: 12 JUN 2020 14:58:23

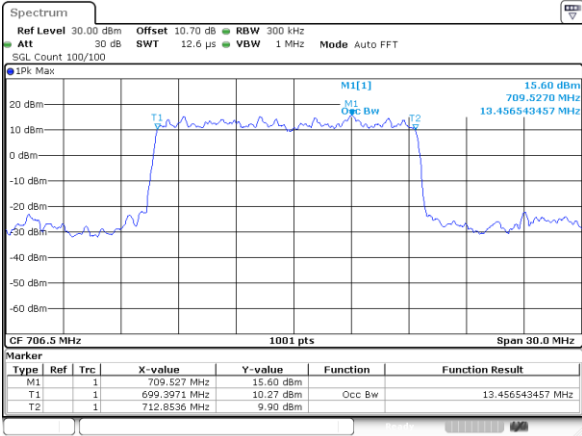
Date: 12 JUN 2020 14:58:41



FR1 n12 / 15MHz / DFT-S OFDM

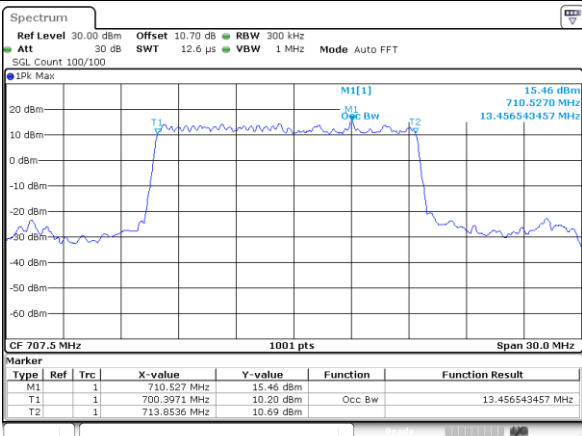
PI/2 BPSK

Lowest Channel



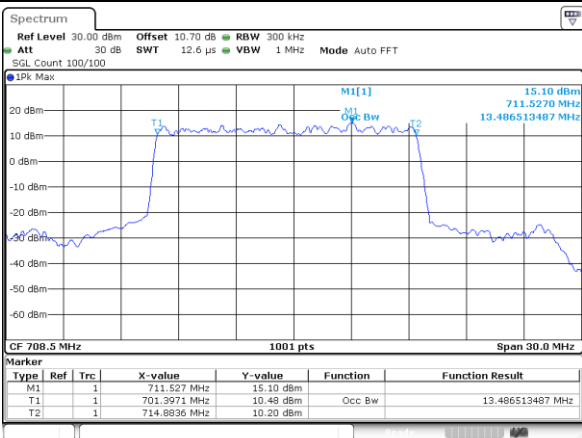
Date: 12 JUN 2020 10:12:13

Middle Channel



Date: 12 JUN 2020 10:12:18

Highest Channel



Date: 12 JUN 2020 10:13:31



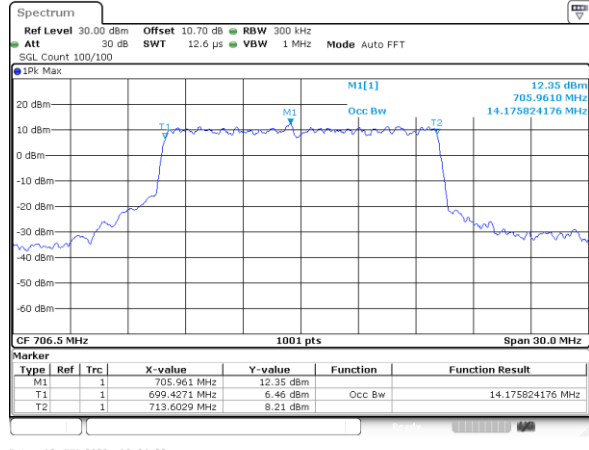
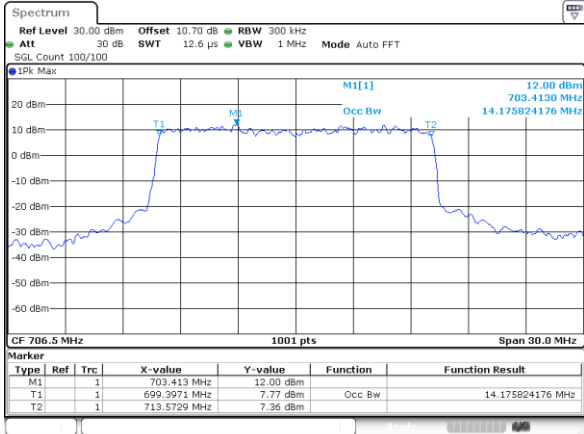
FR1 n12 / 15MHz / CP OFDM

QPSK

16QAM

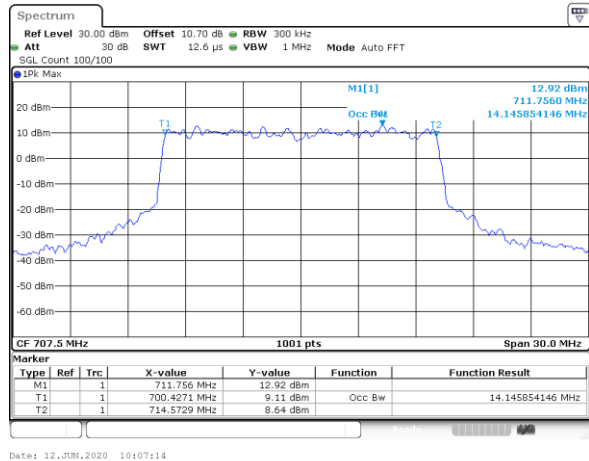
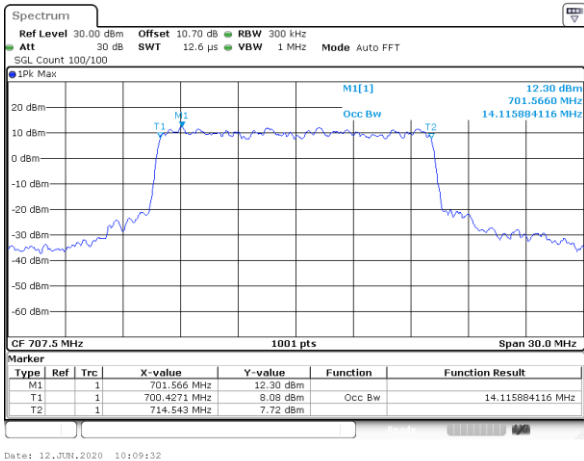
Lowest Channel

Lowest Channel



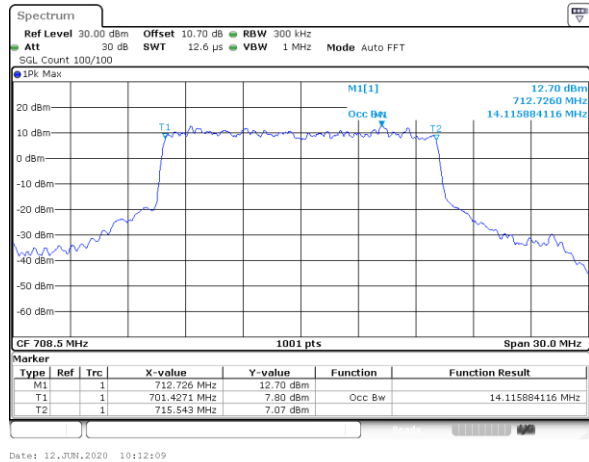
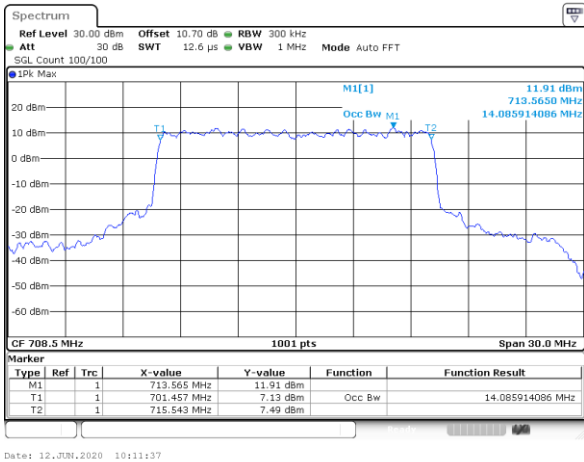
Middle Channel

Middle Channel



Highest Channel

Highest Channel

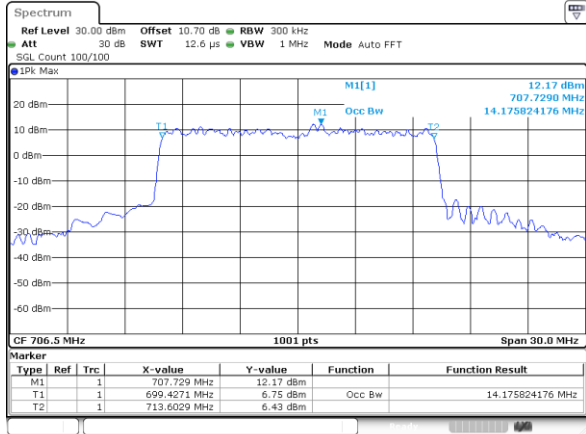




FR1 n12 / 15MHz / CP OFDM

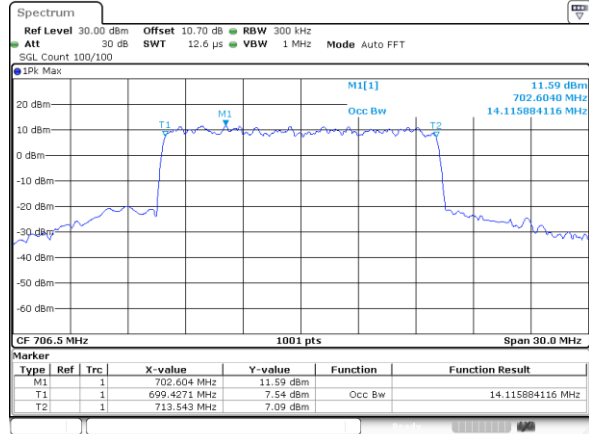
64QAM

Lowest Channel

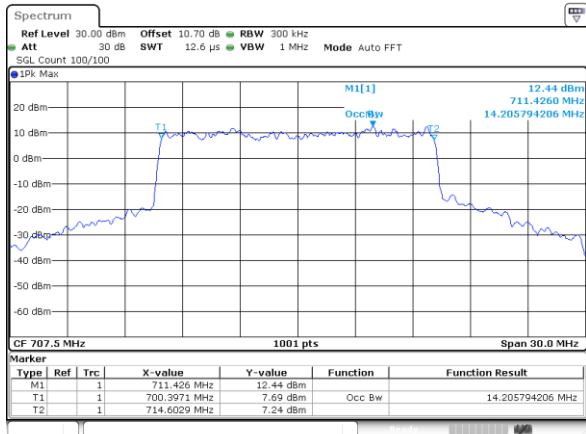


256QAM

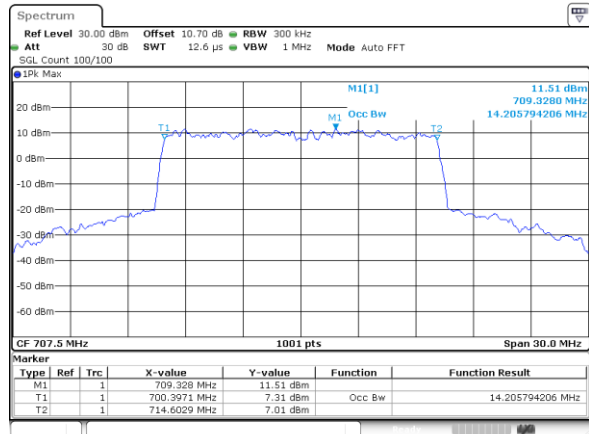
Lowest Channel



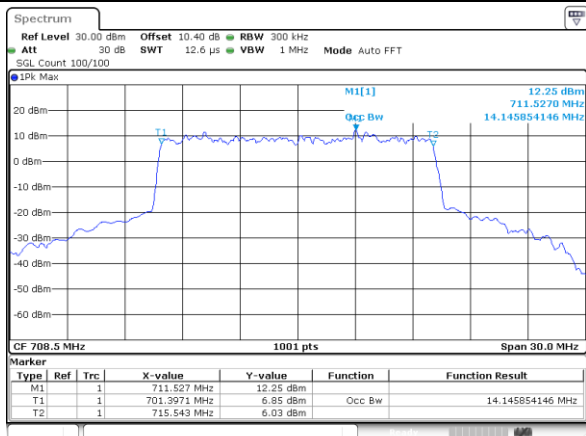
Middle Channel



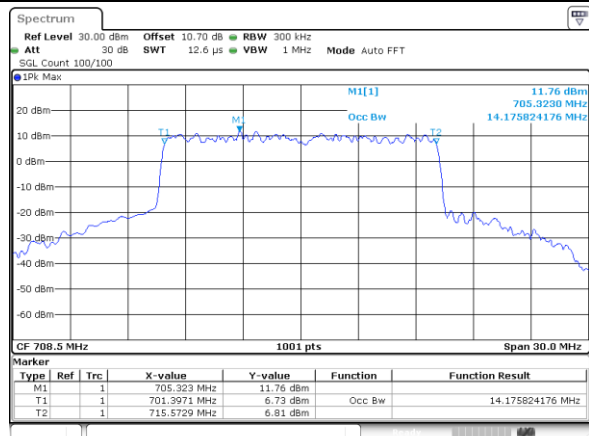
Middle Channel



Highest Channel



Highest Channel



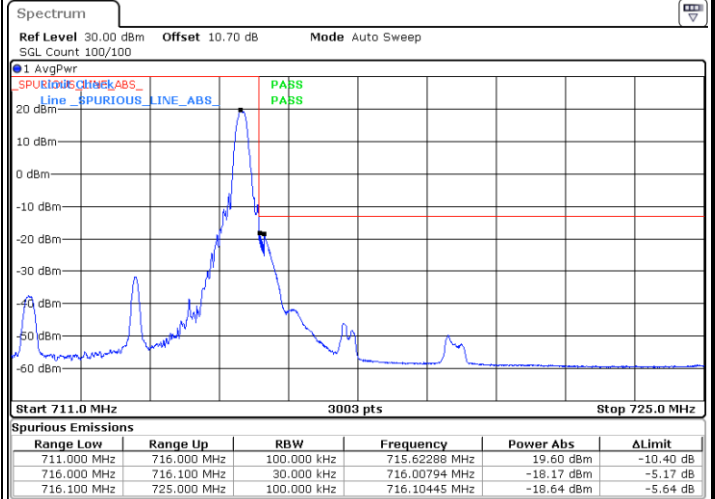
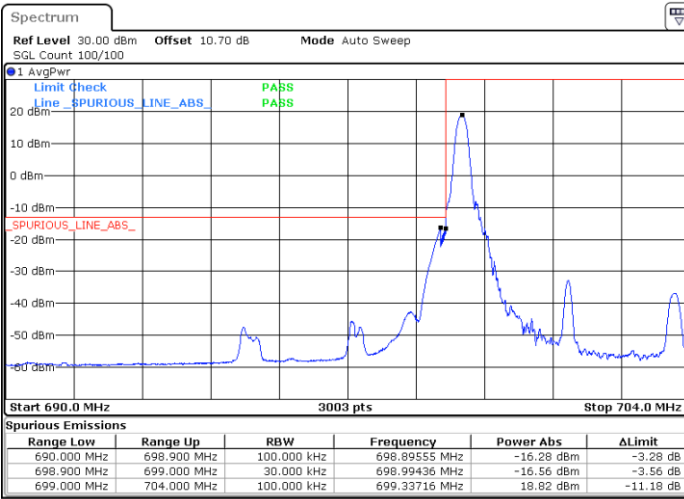


Conducted Band Edge

FR1 n12 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

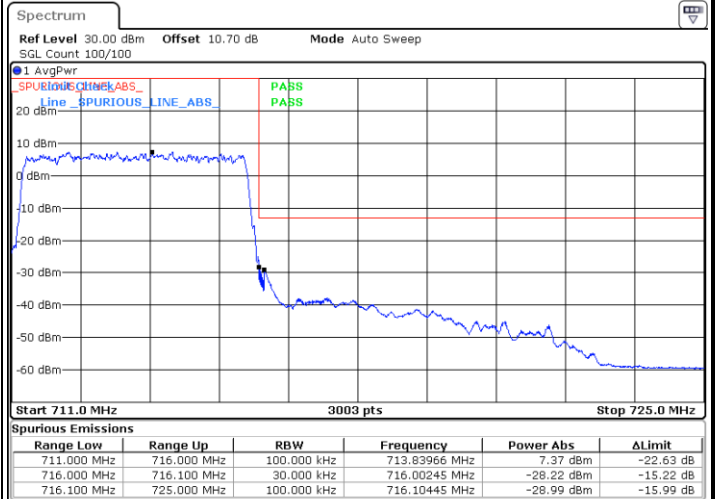
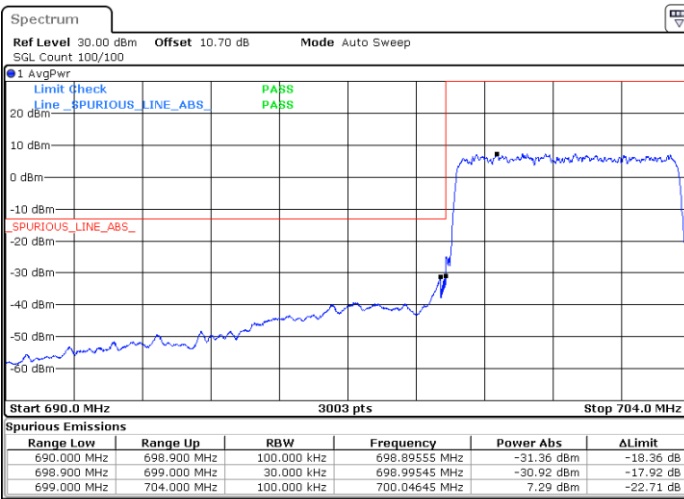


Date: 12.JUN.2020 17:07:56

Date: 12.JUN.2020 17:29:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 16:58:47

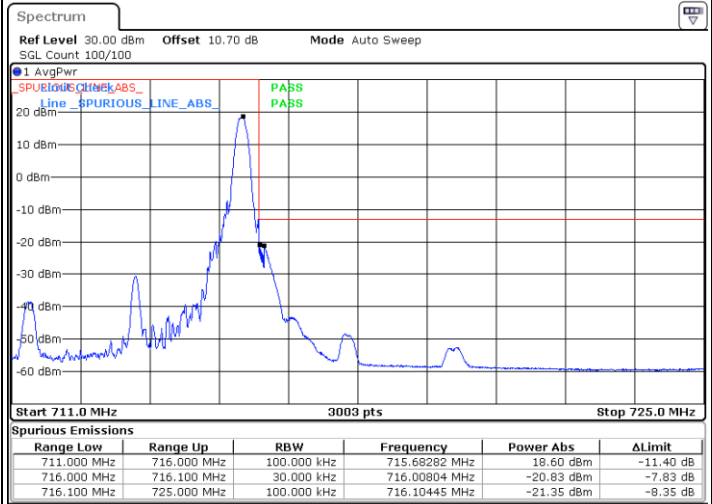
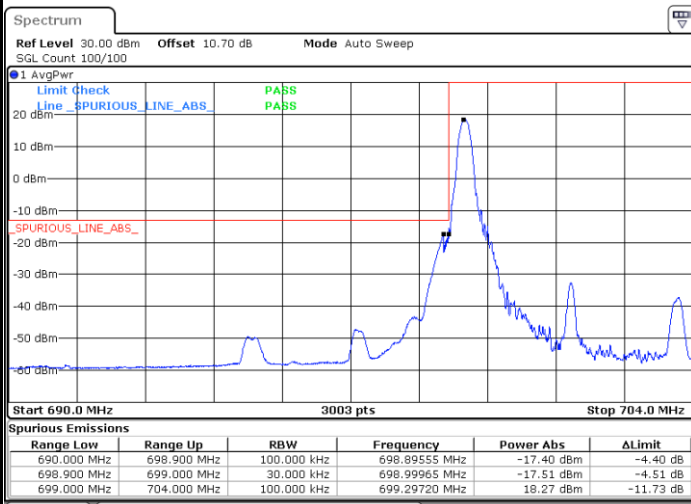
Date: 12.JUN.2020 17:12:28



FR1 n12 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

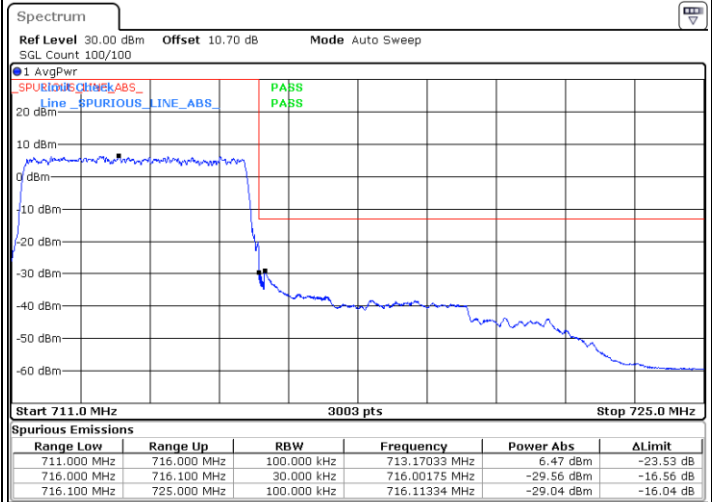
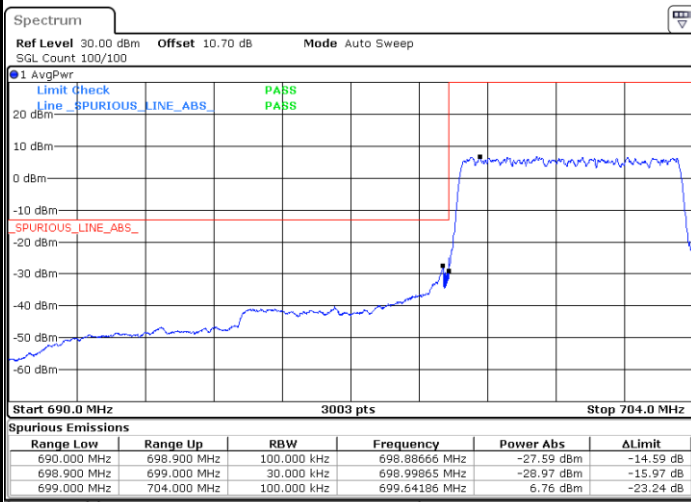


Date: 12.JUN.2020 17:06:59

Date: 12.JUN.2020 17:20:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 16:59:53

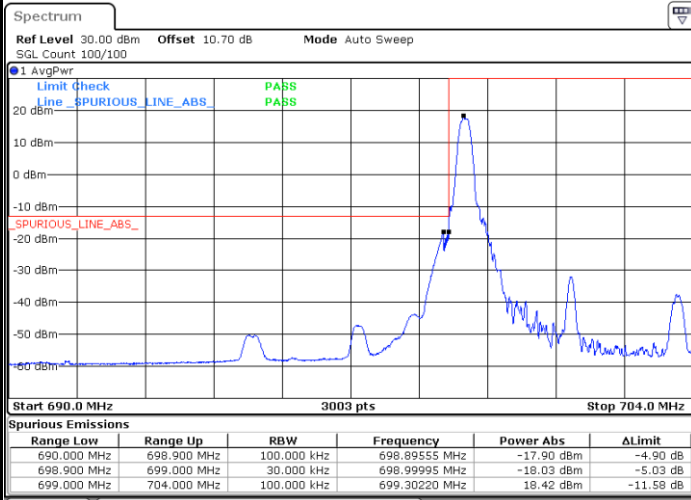
Date: 12.JUN.2020 17:13:35



FR1 n12 / 5MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

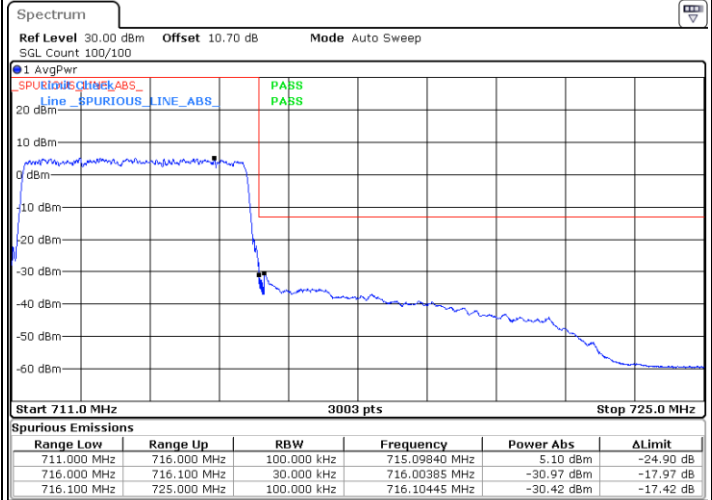
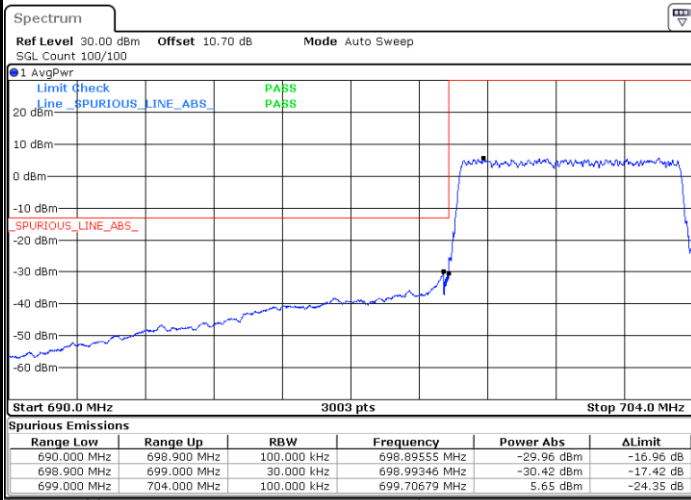


Date: 12.JUN.2020 17:06:02

Date: 12.JUN.2020 17:19:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 17:01:01

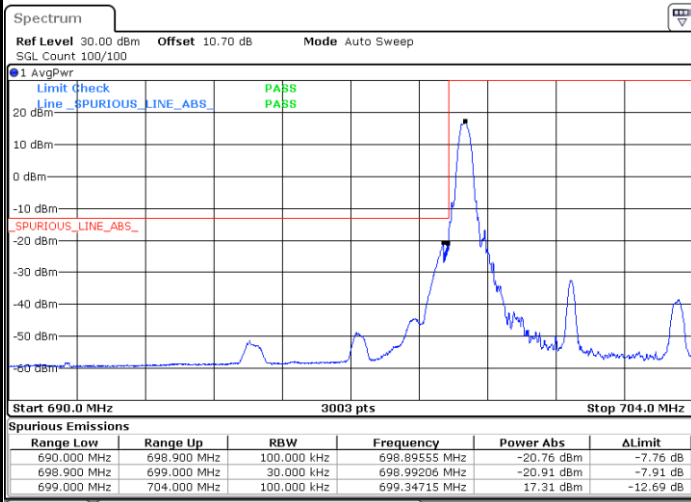
Date: 12.JUN.2020 17:14:40



FR1 n12 / 5MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

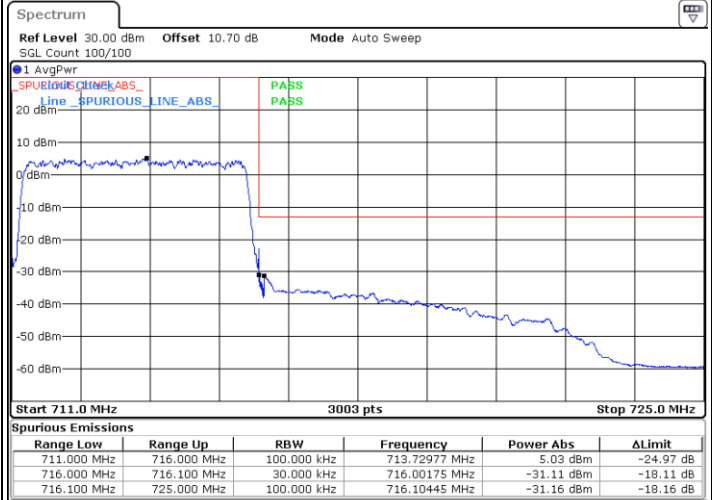
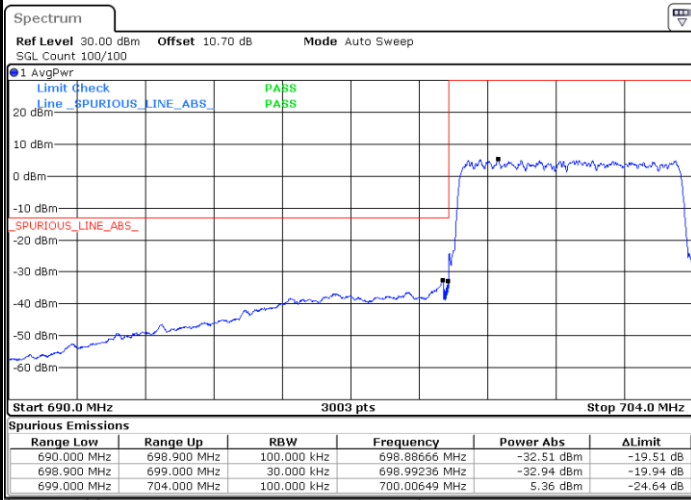


Date: 12.JUN.2020 17:05:05

Date: 12.JUN.2020 17:18:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 17:02:06

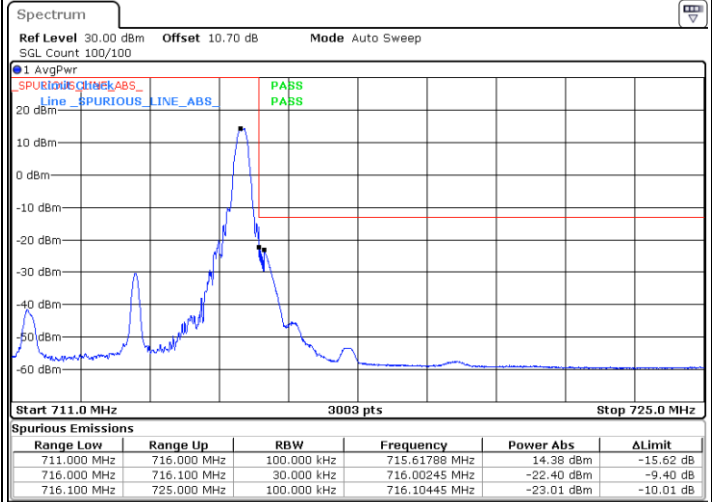
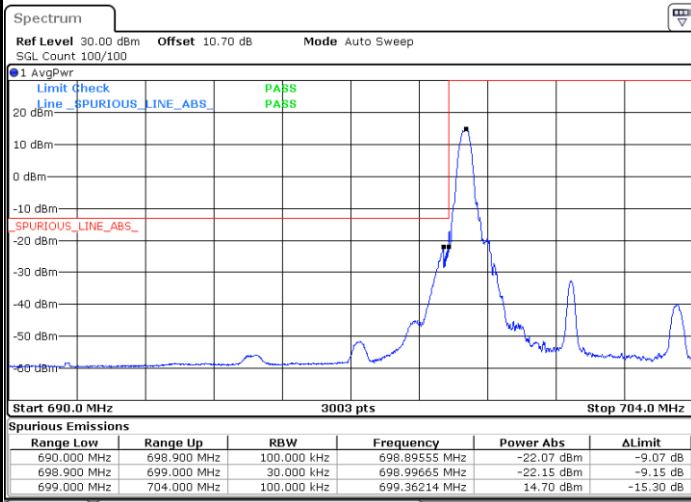
Date: 12.JUN.2020 17:15:44



FR1 n12 / 5MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

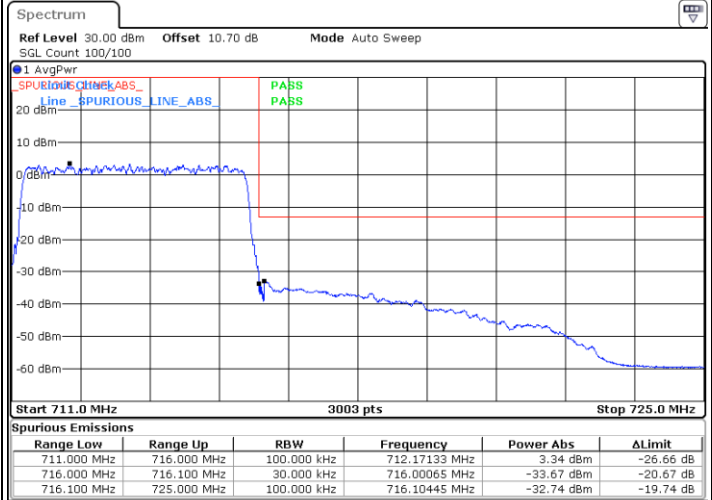
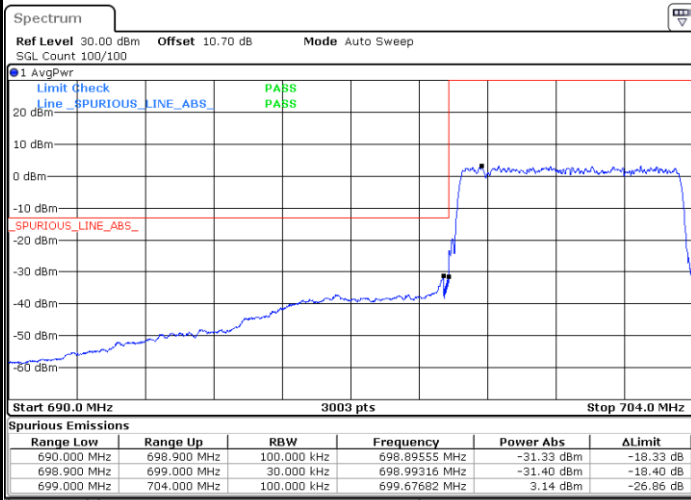


Date: 12.JUN.2020 17:04:08

Date: 12.JUN.2020 17:17:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 17:03:11

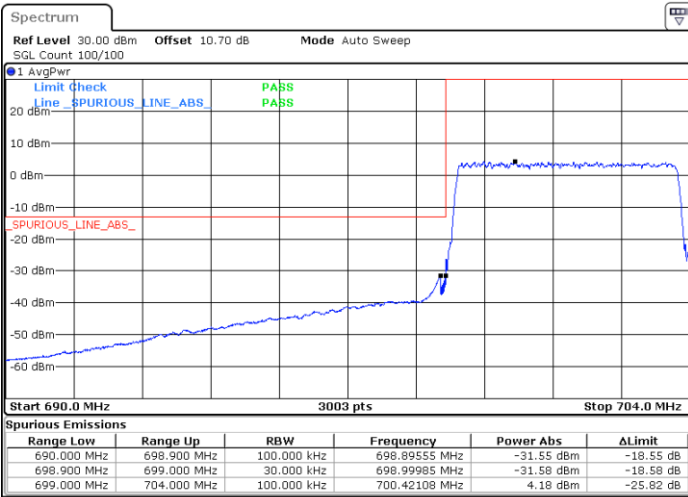
Date: 12.JUN.2020 17:16:49



FR1 n12 / 5MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 16:46:22

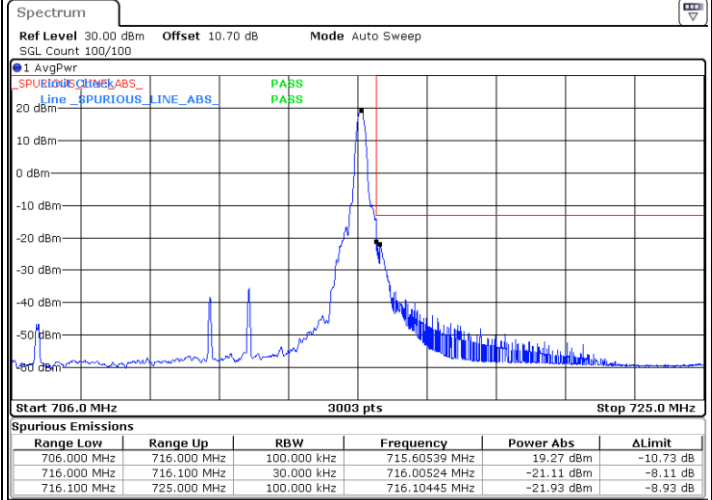
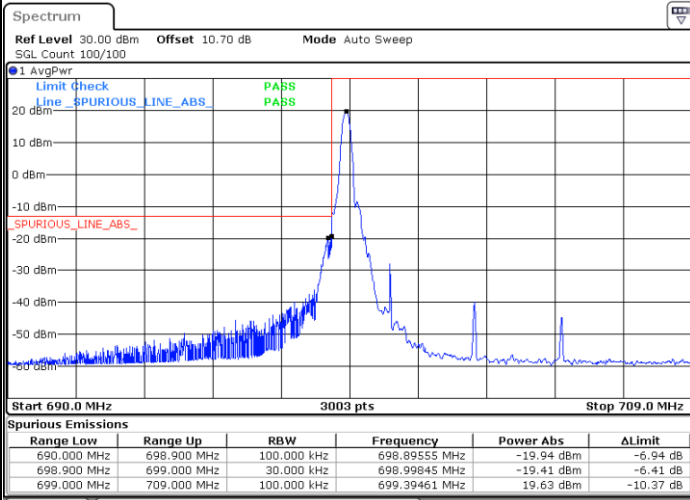
Date: 12.JUN.2020 16:43:21



FR1 n12 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

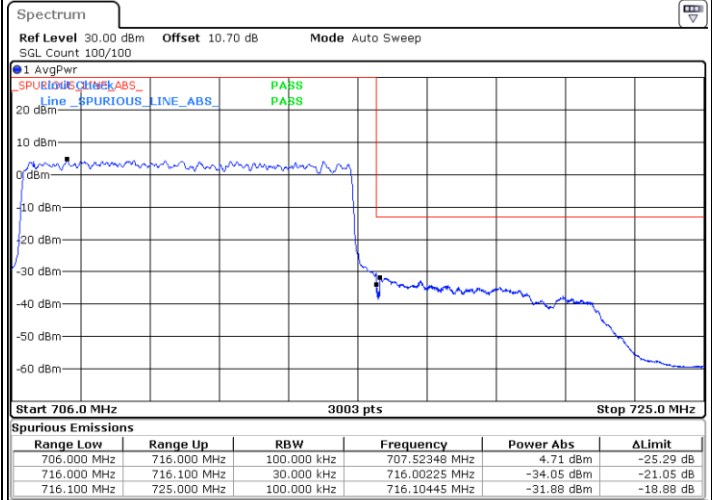
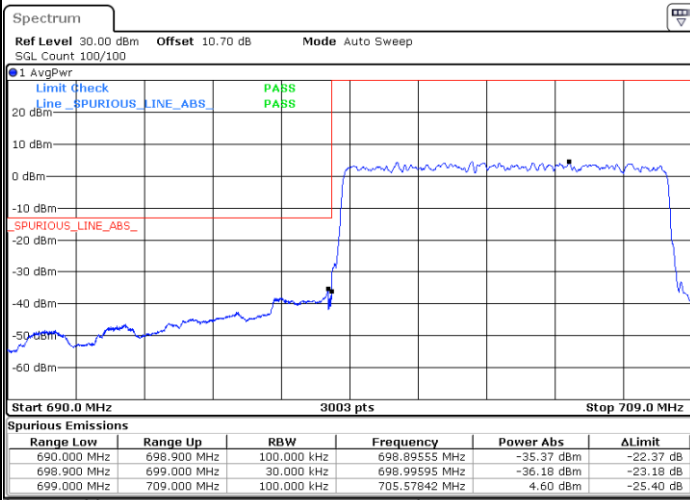


Date: 12.JUN.2020 15:27:36

Date: 12.JUN.2020 15:48:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 15:17:36

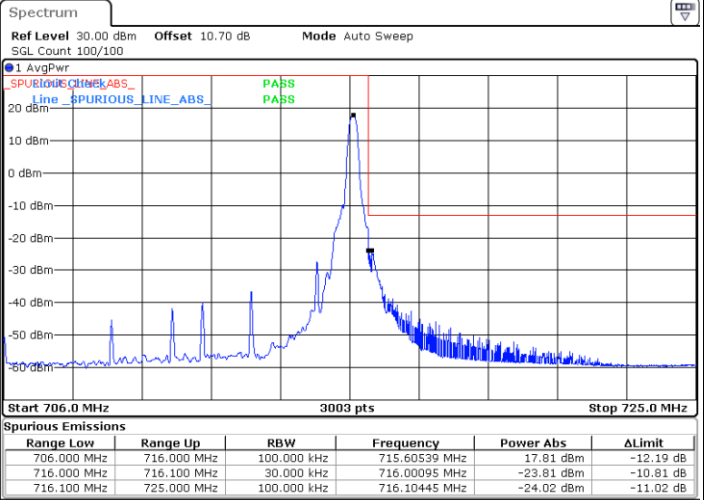
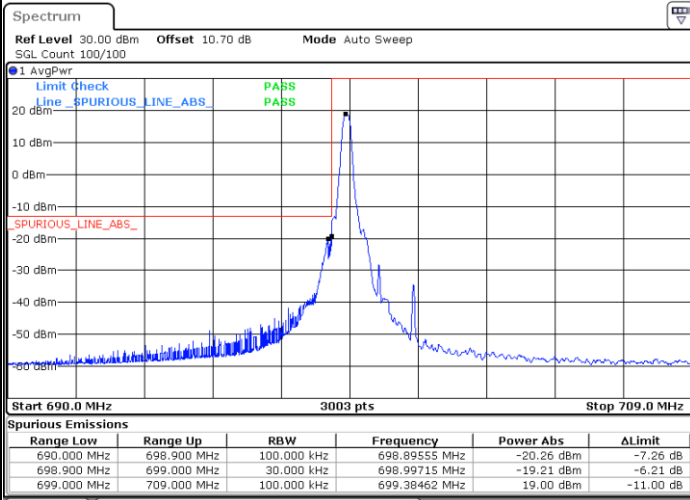
Date: 12.JUN.2020 15:52:52



FR1 n12 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

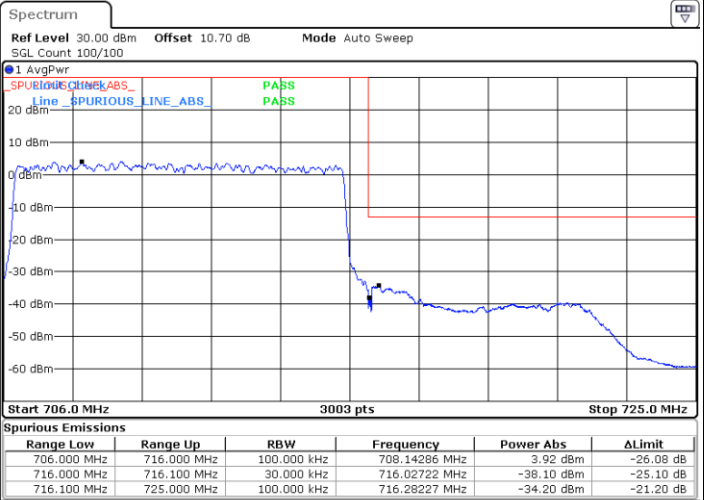
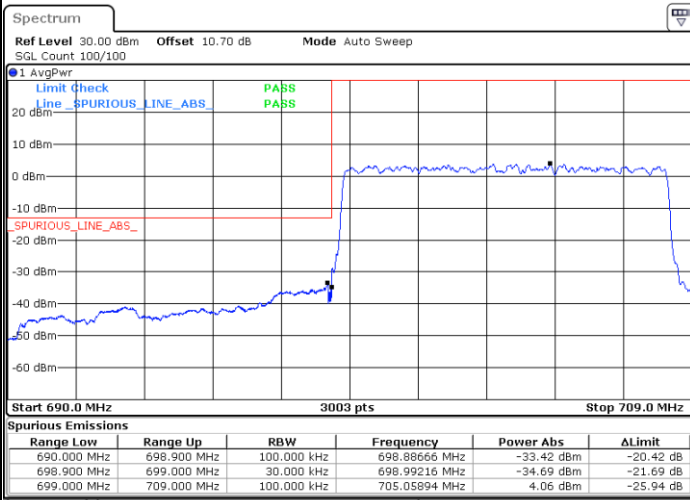


Date: 12 JUN 2020 15:26:39

Date: 12 JUN 2020 15:47:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 JUN 2020 15:18:56

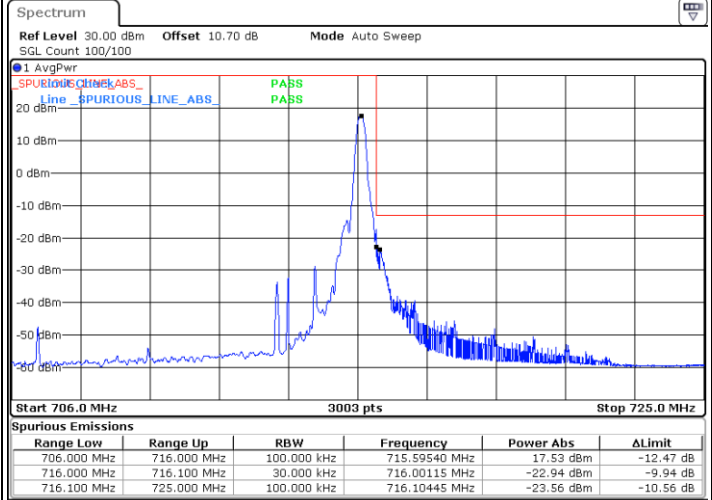
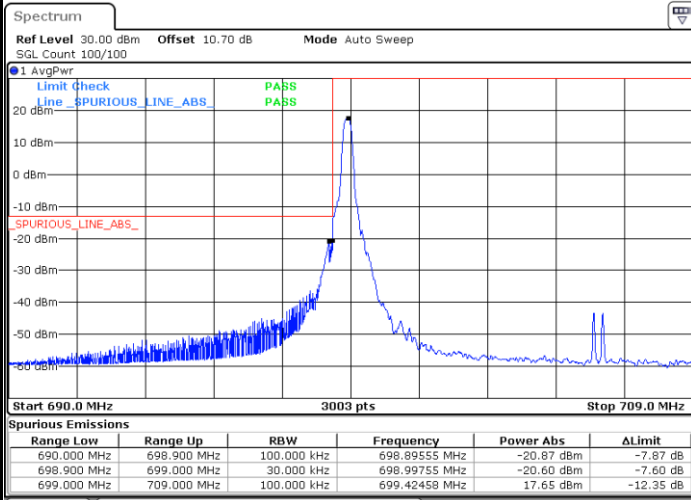
Date: 12 JUN 2020 15:36:55



FR1 n12 / 10MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

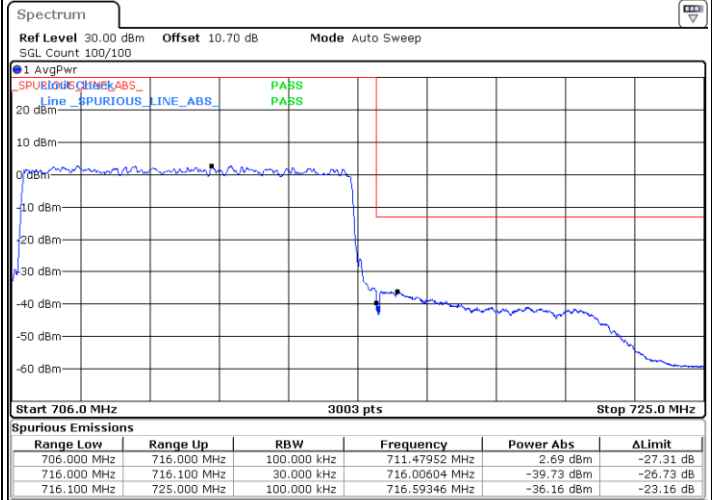
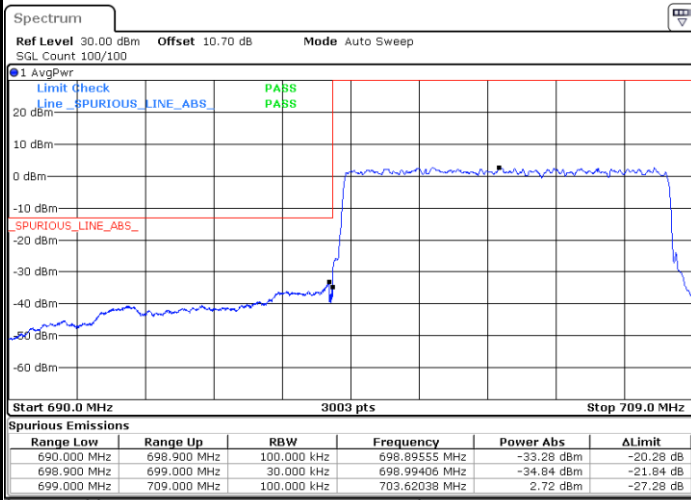


Date: 12 JUN 2020 15:25:41

Date: 12 JUN 2020 15:46:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 JUN 2020 15:20:10

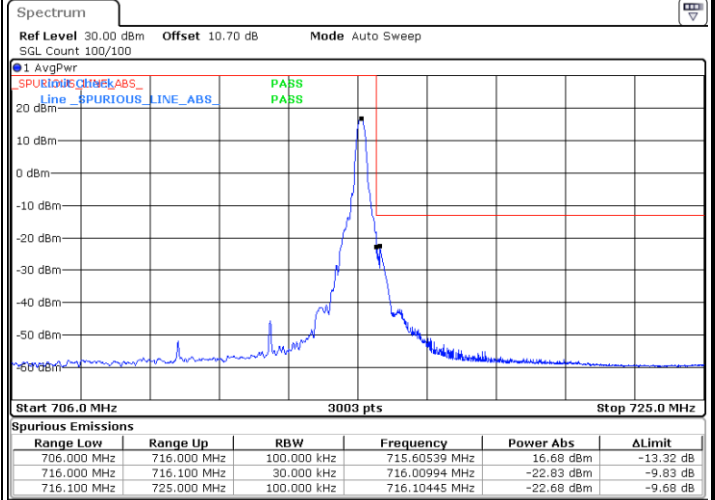
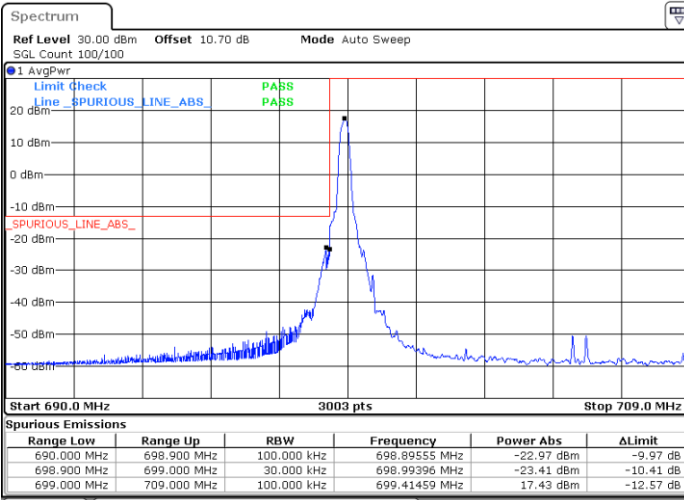
Date: 12 JUN 2020 15:39:09



FR1 n12 / 10MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

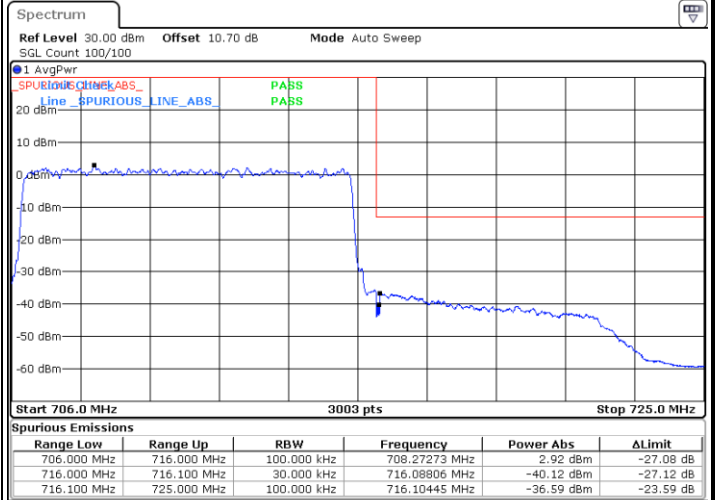
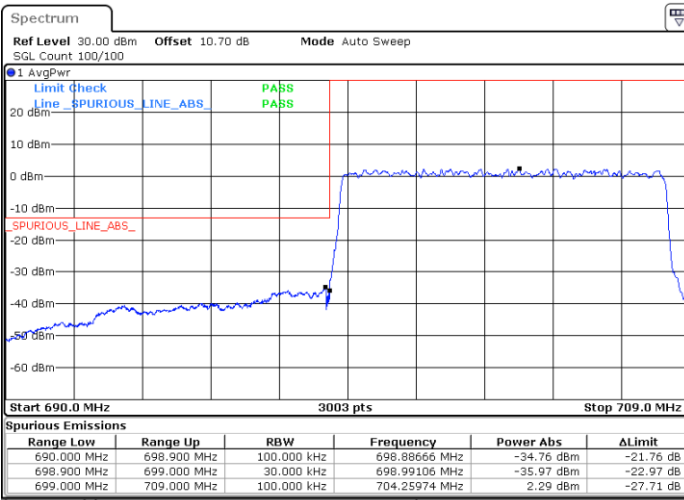


Date: 12.JUN.2020 15:24:40

Date: 12.JUN.2020 15:45:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 15:21:25

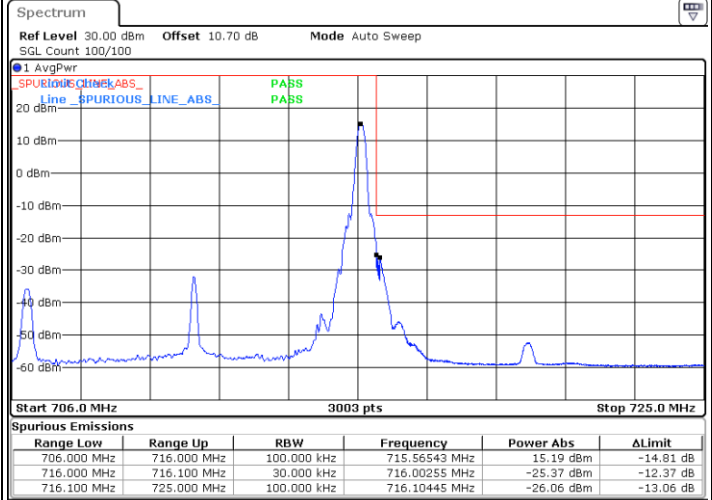
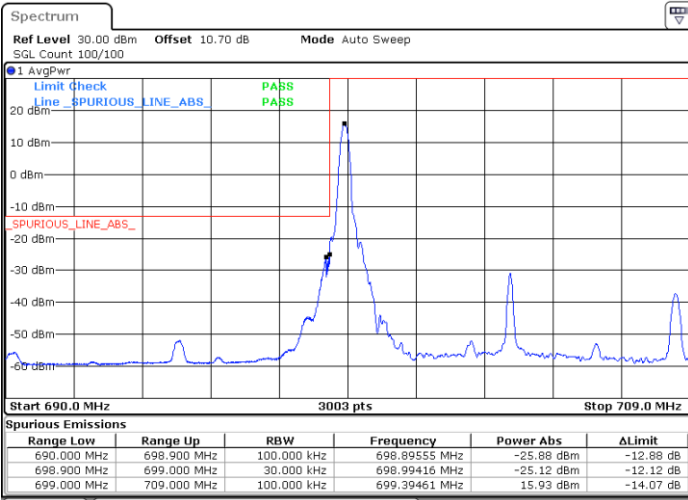
Date: 12.JUN.2020 15:40:41



FR1 n12 / 10MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

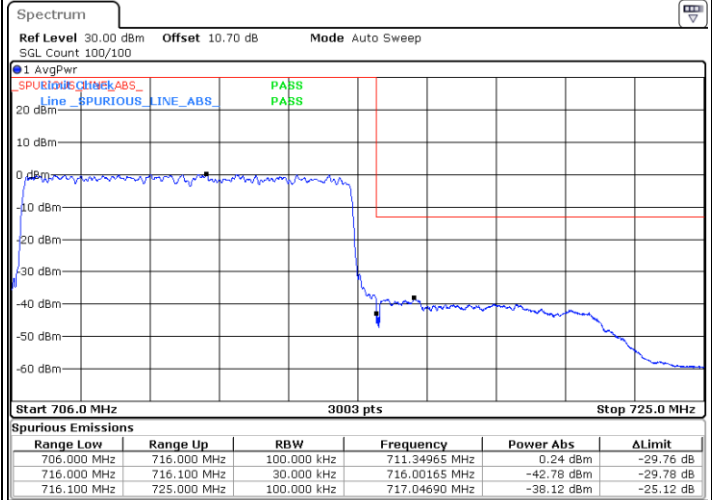
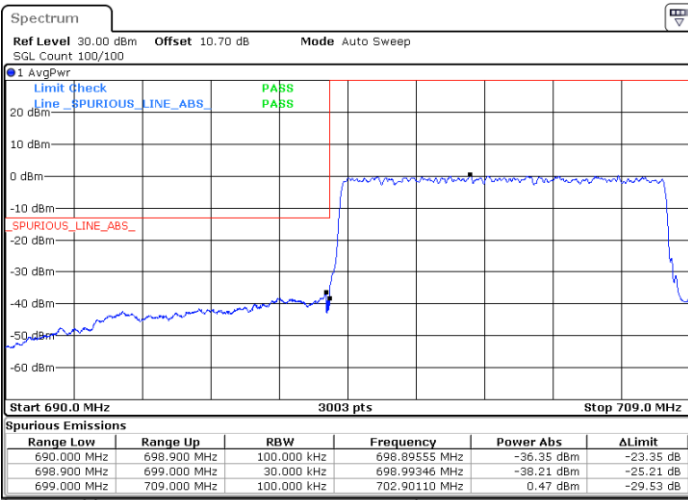


Date: 12 JUN 2020 15:23:30

Date: 12 JUN 2020 15:44:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12 JUN 2020 15:22:30

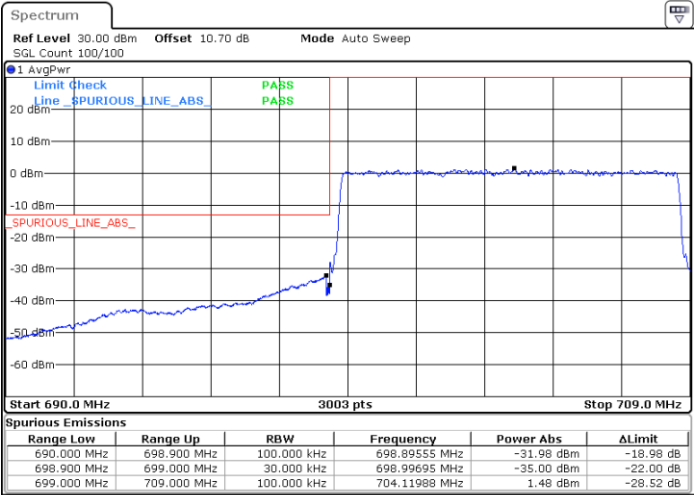
Date: 12 JUN 2020 15:42:48



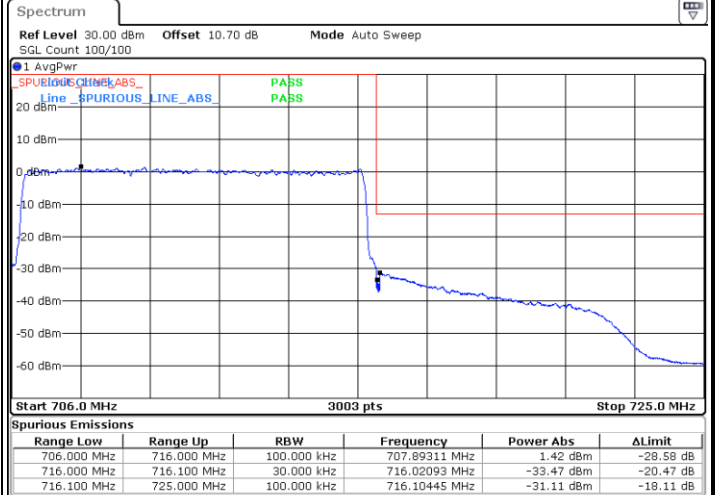
FR1 n12 / 10MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.JUN.2020 15:01:42



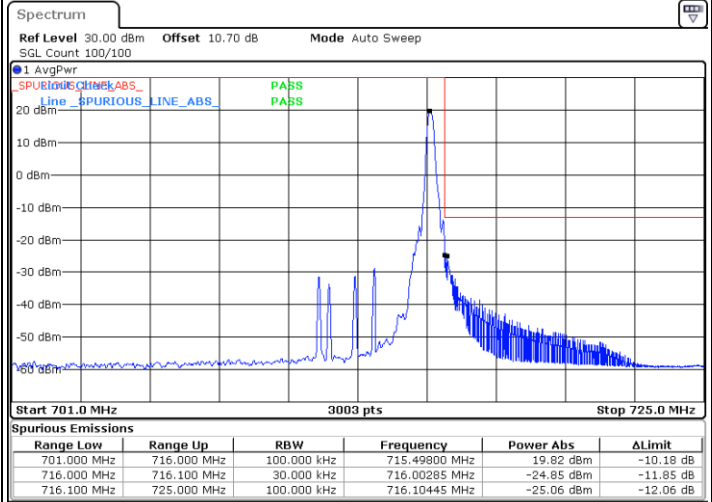
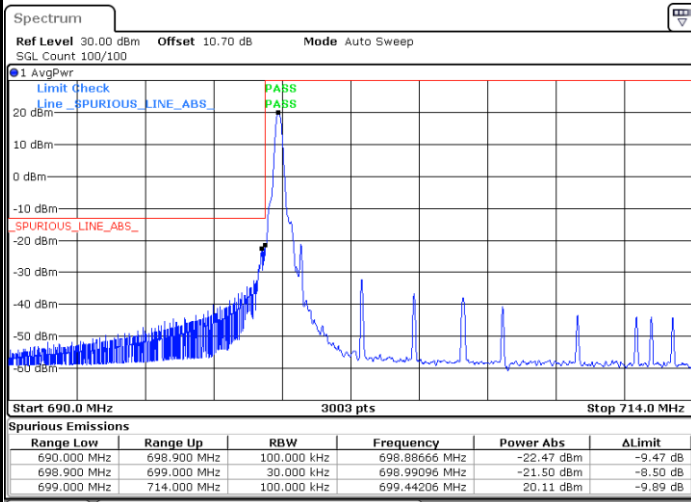
Date: 12.JUN.2020 14:57:37



FR1 n12 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

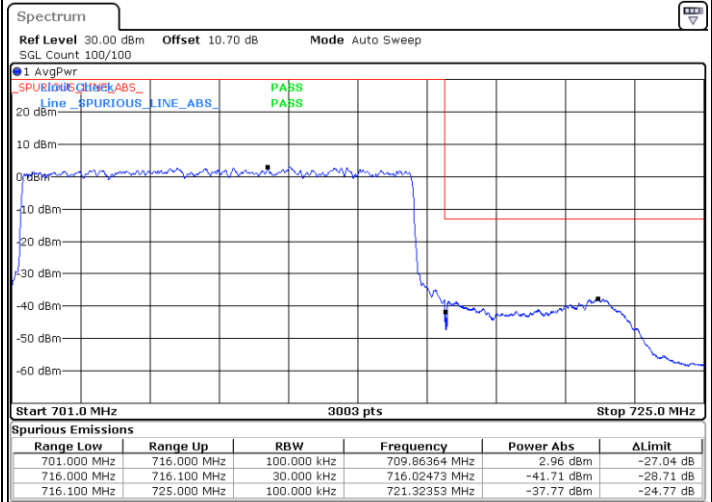
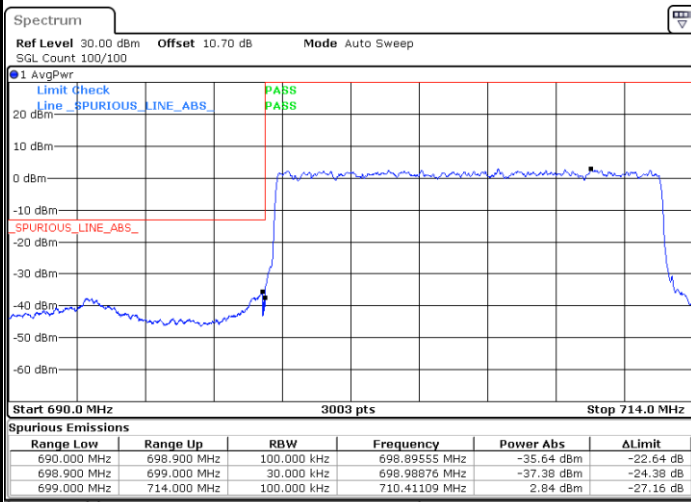


Date: 15 JUN.2020 15:12:05

Date: 15 JUN.2020 15:12:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN.2020 15:06:22

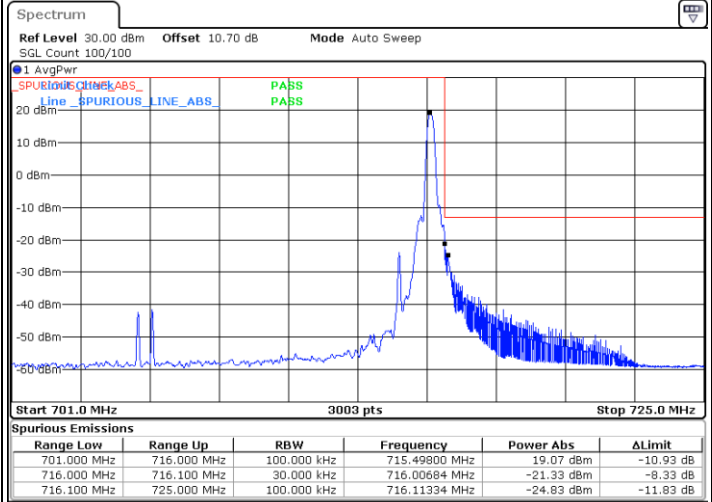
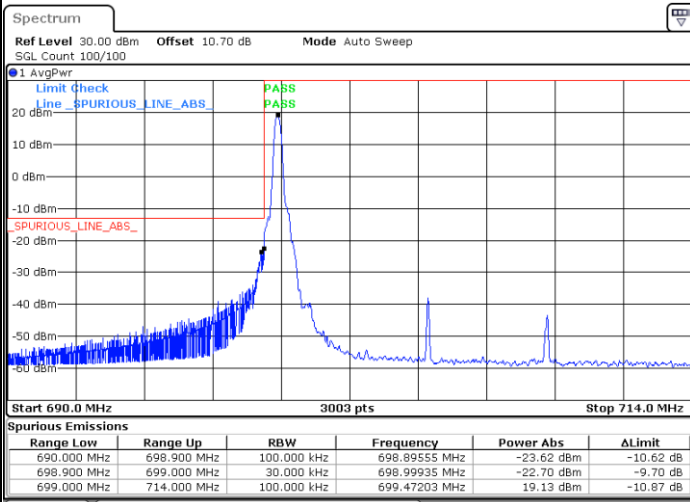
Date: 15 JUN.2020 15:18:37



FR1 n12 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

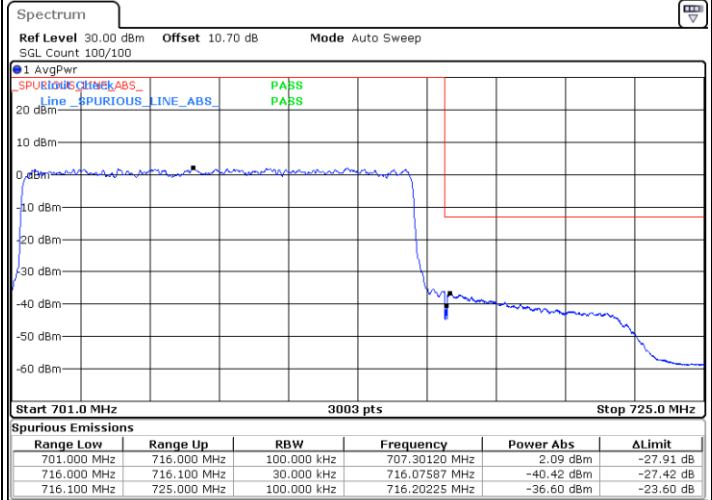
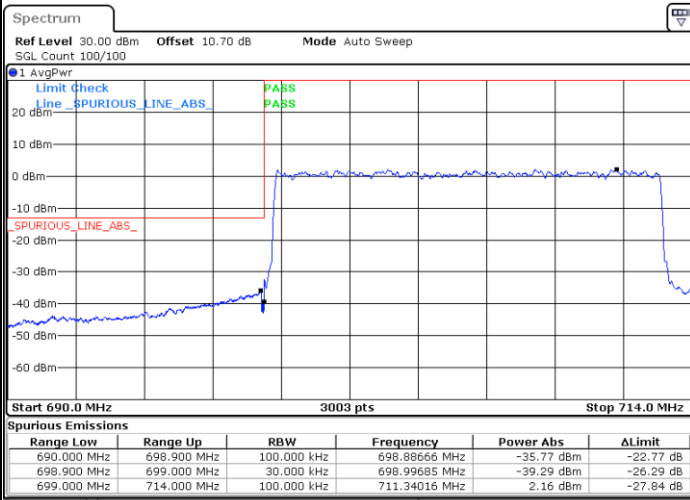


Date: 15 JUN.2020 15:11:24

Date: 15 JUN.2020 15:13:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN.2020 15:06:57

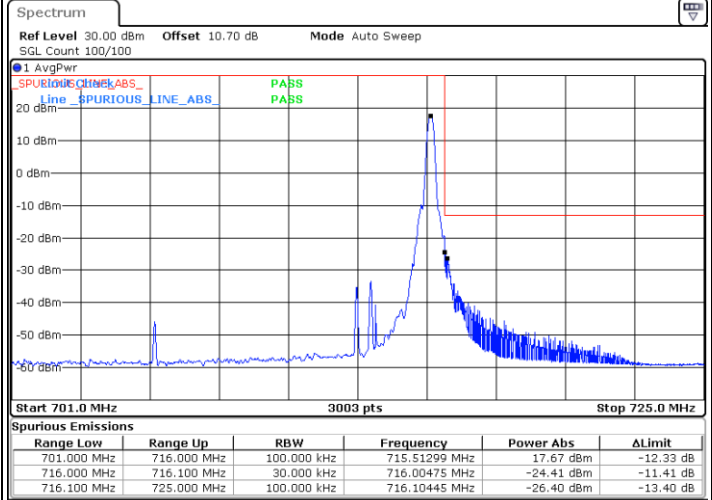
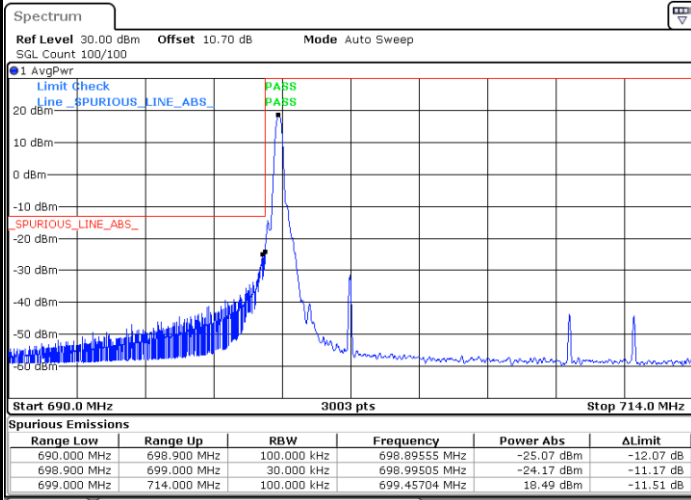
Date: 15 JUN.2020 15:17:50



FR1 n12 / 15MHz / DFT-s-OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

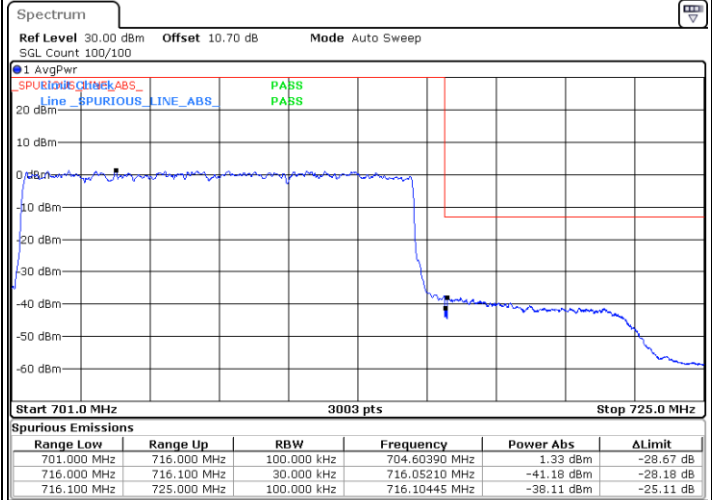
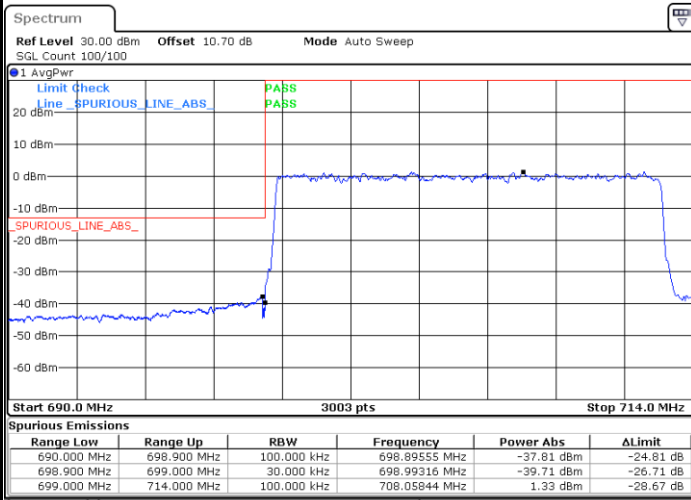


Date: 15 JUN.2020 15:10:50

Date: 15 JUN.2020 15:14:11

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN.2020 15:07:35

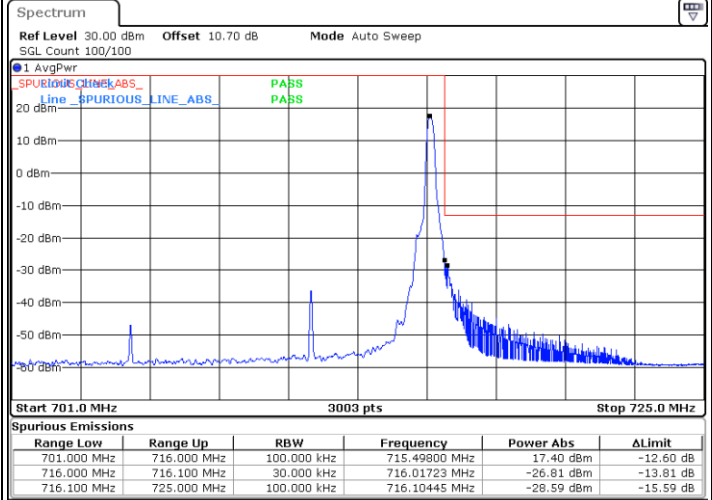
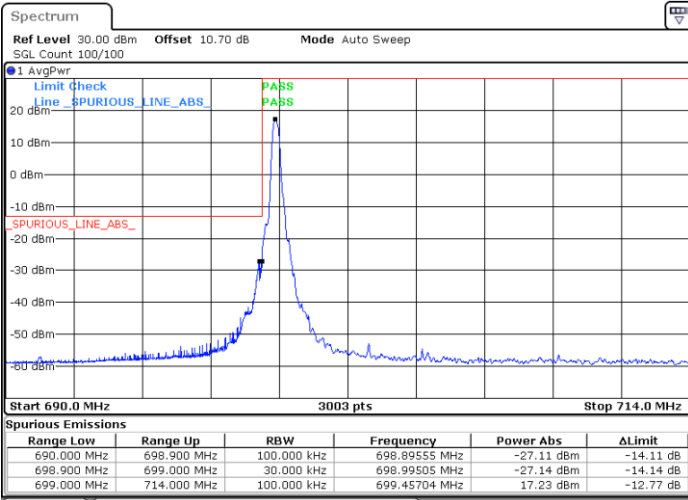
Date: 15 JUN.2020 15:17:13



FR1 n12 / 15MHz / DFT-s-OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

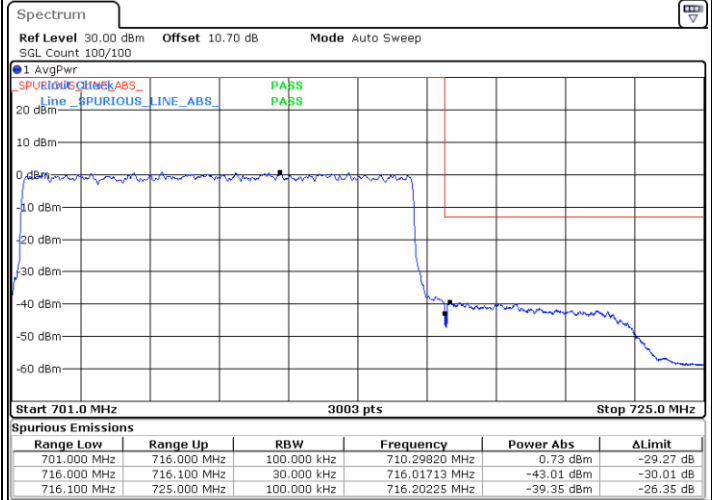
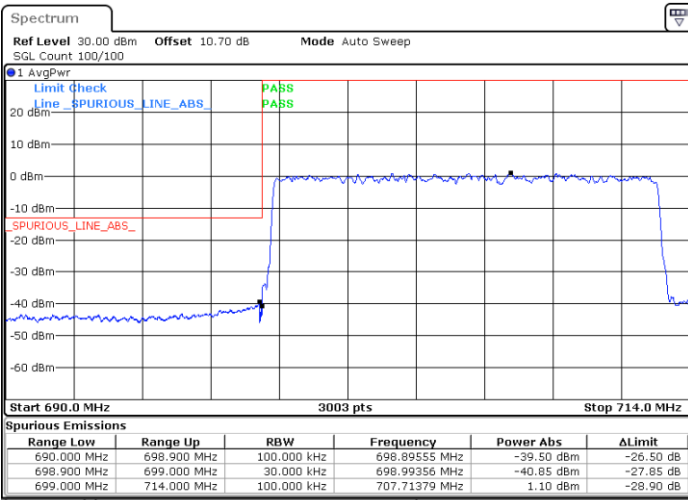


Date: 15 JUN 2020 15:10:03

Date: 15 JUN 2020 15:14:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN 2020 15:08:09

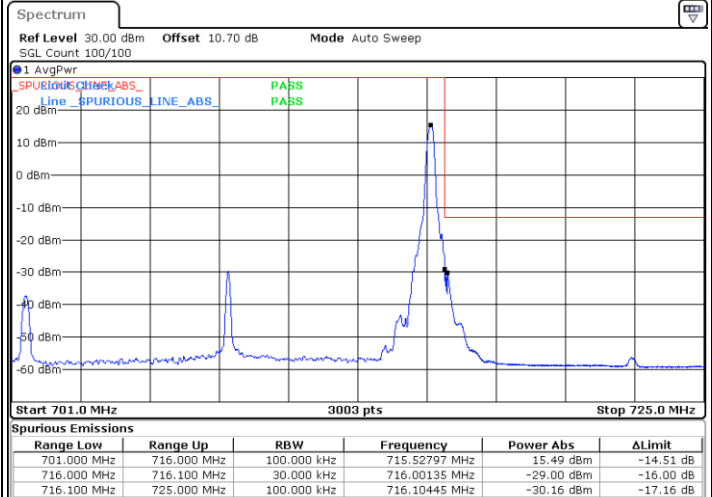
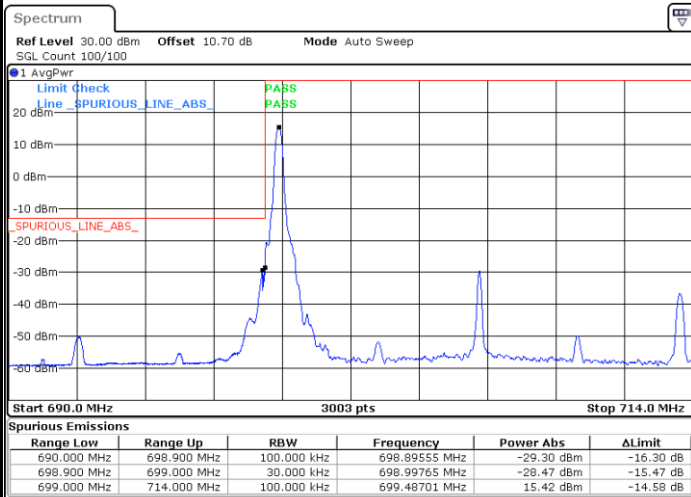
Date: 15 JUN 2020 15:16:34



FR1 n12 / 15MHz / DFT-s-OFDM / 256QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

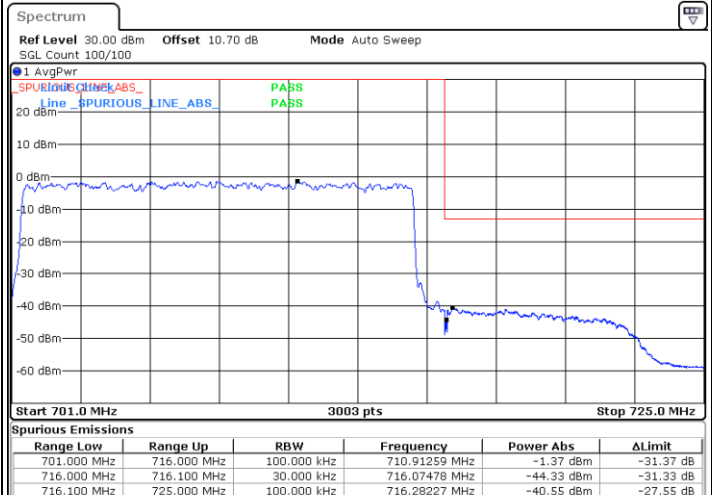
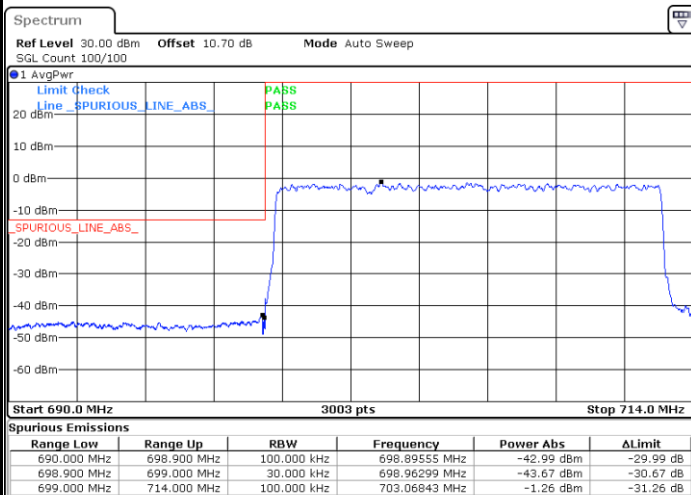


Date: 15 JUN.2020 15:09:24

Date: 15 JUN.2020 15:15:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN.2020 15:08:51

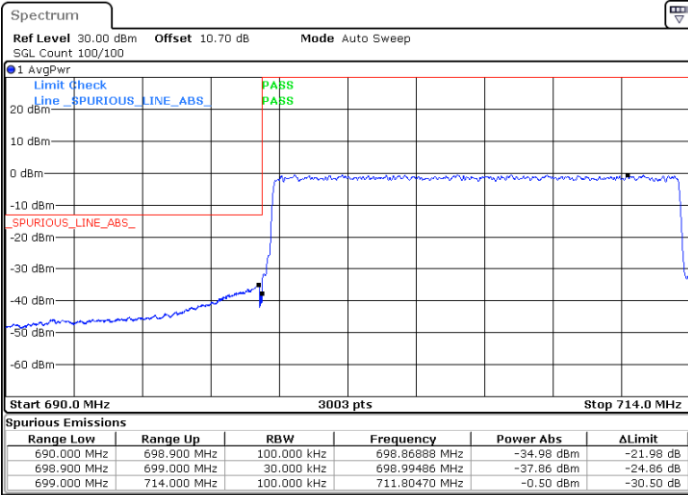
Date: 15 JUN.2020 15:15:58



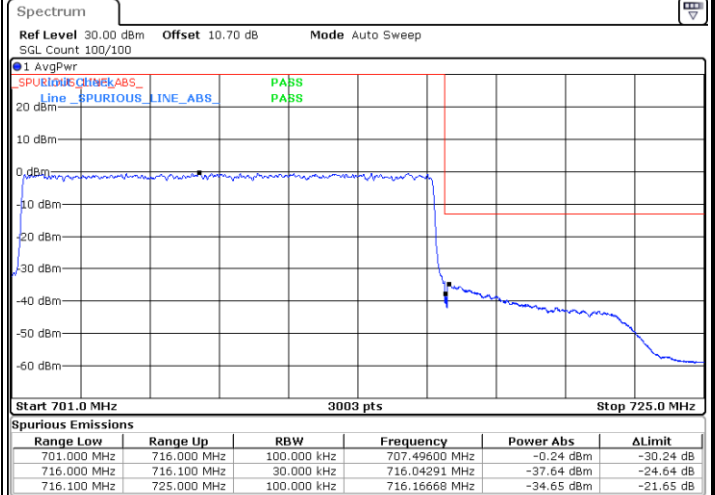
FR1 n12 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 15 JUN 2020 15:22:00



Date: 15 JUN 2020 15:19:46