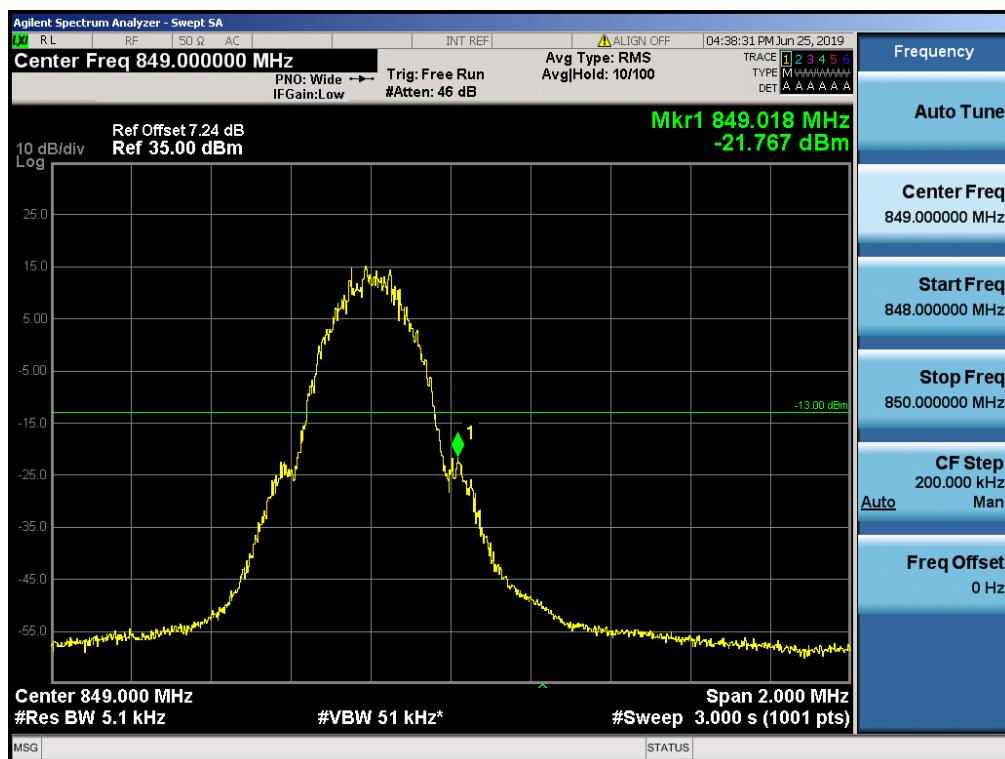
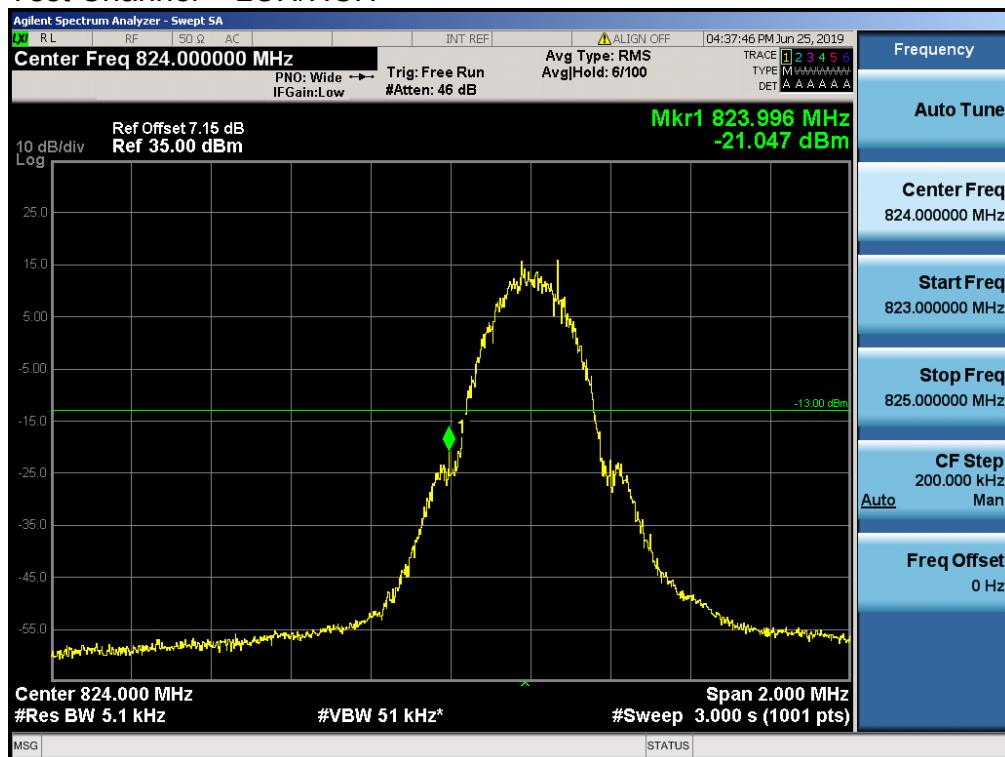


## Band edge measurement

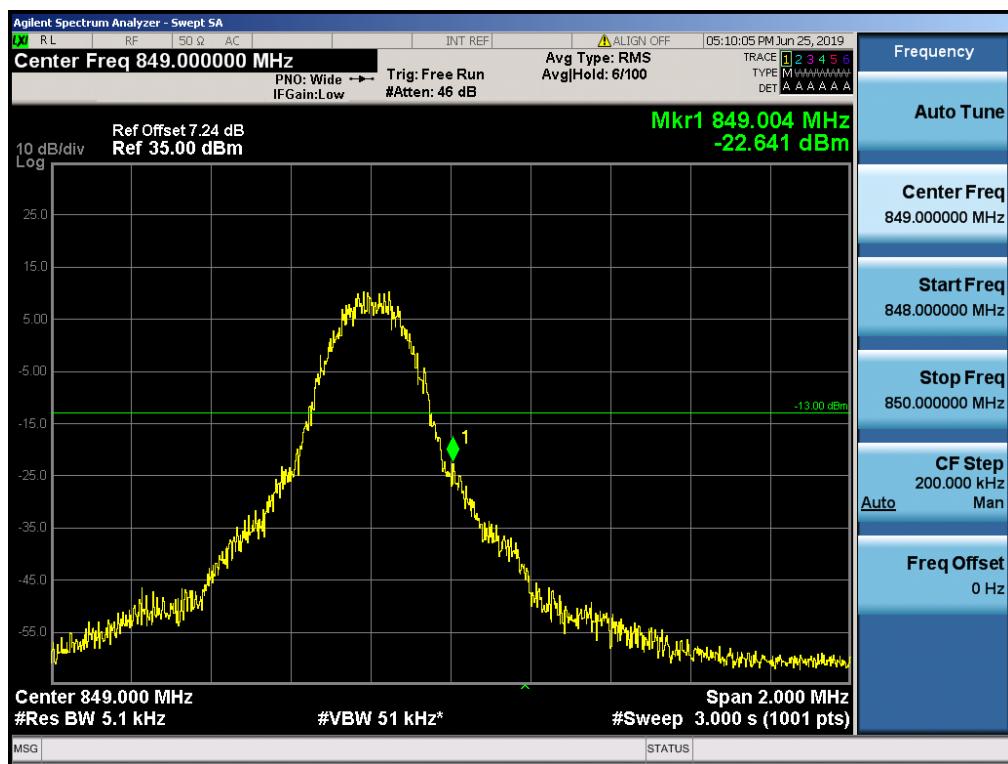
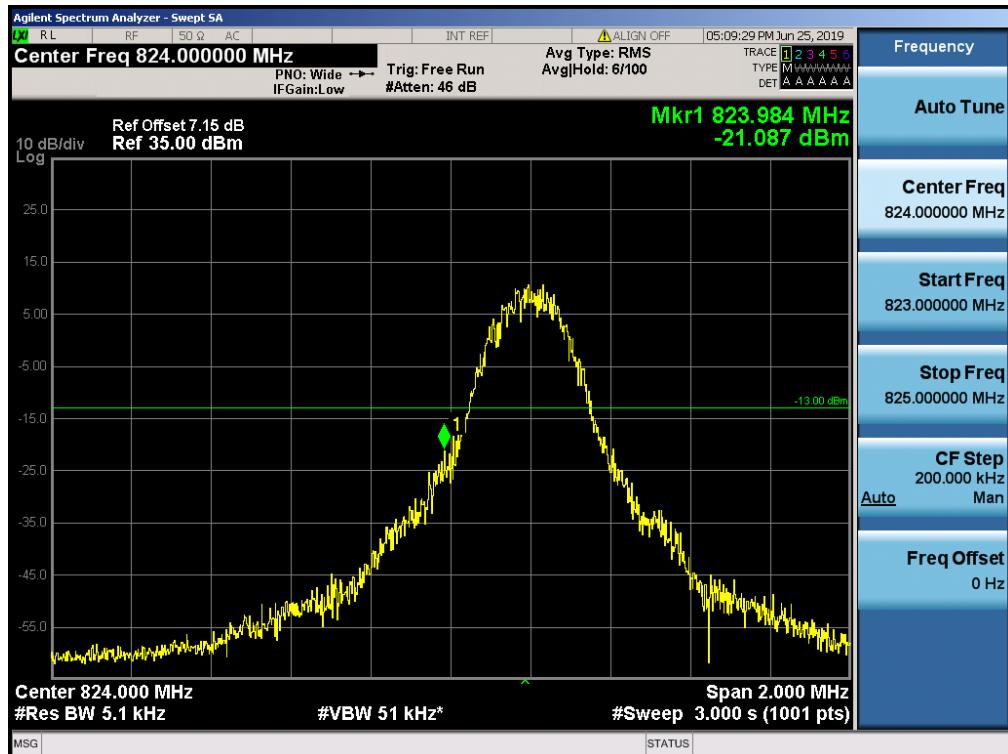
Test Band = GSM850

Test Mode = GSM /TM1

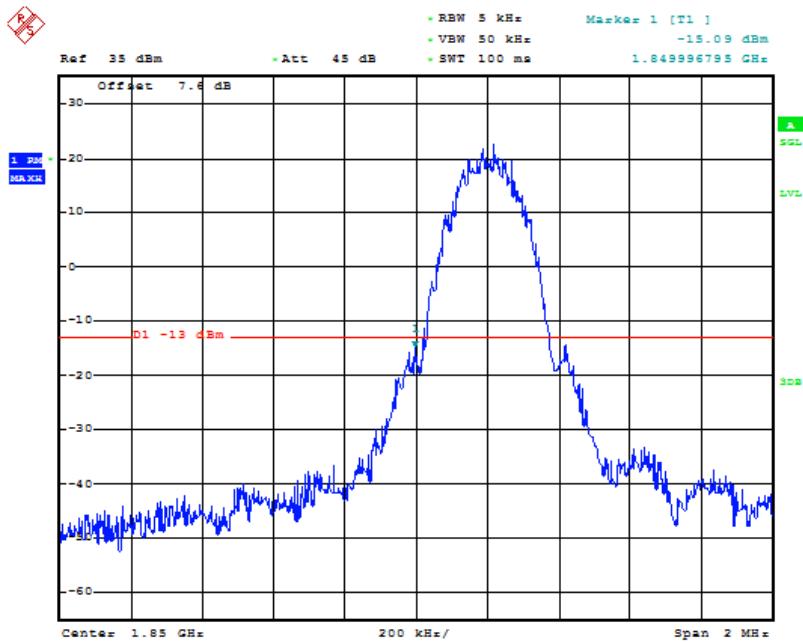
Test Channel = LCH/HCH



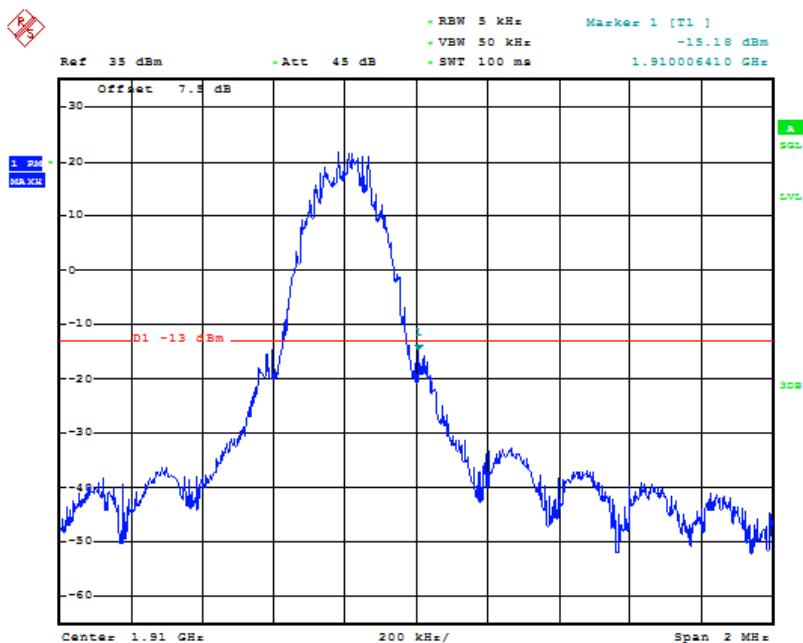
Band edge measurement  
 Test Band = GSM850  
 Test Mode = EDGE /TM2  
 Test Channel = LCH/HCH



Band edge measurement  
 Test Band = GSM1900  
 Test Mode = GSM /TM1  
 Test Channel = LCH/HCH



Date: 2.JUL.2019 16:43:15



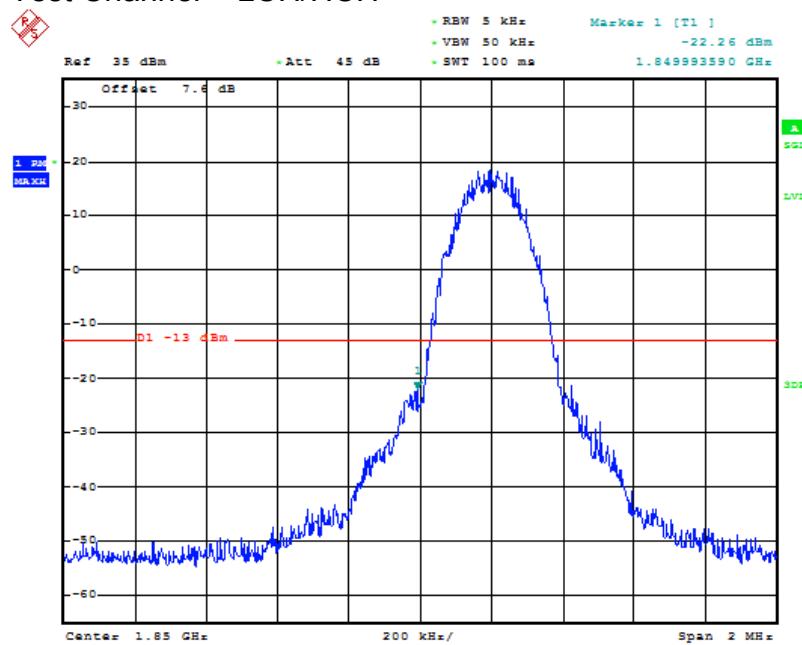
Date: 2.JUL.2019 16:44:10

## Band edge measurement

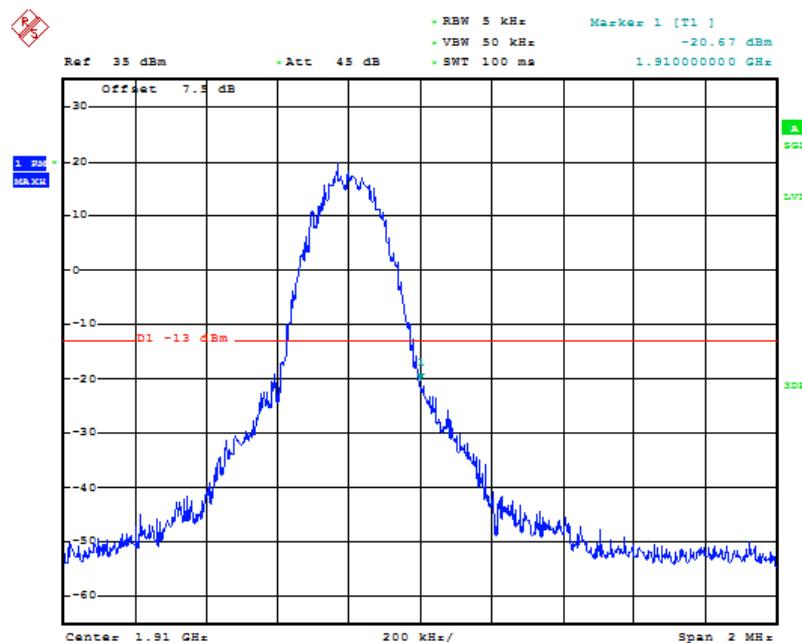
Test Band = GSM1900

Test Mode = EDGE /TM1

Test Channel = LCH/HCH

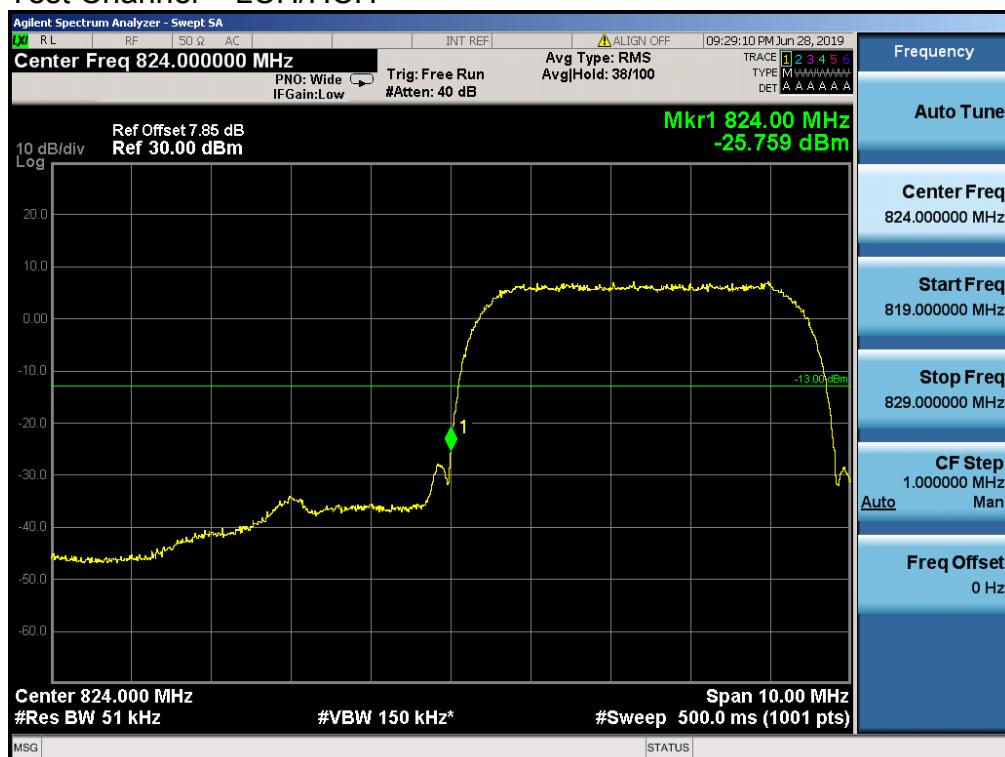


Date: 2.JUL.2019 17:15:58

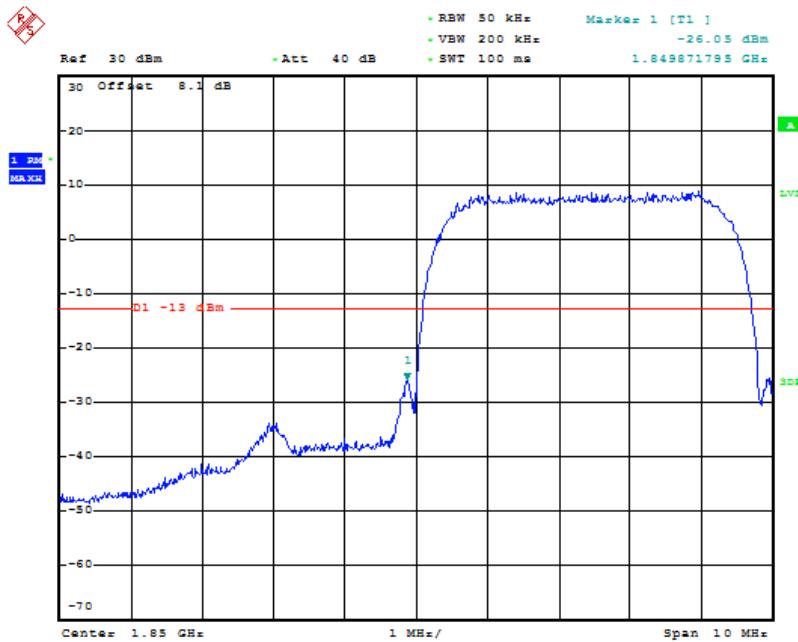


Date: 2.JUL.2019 17:16:48

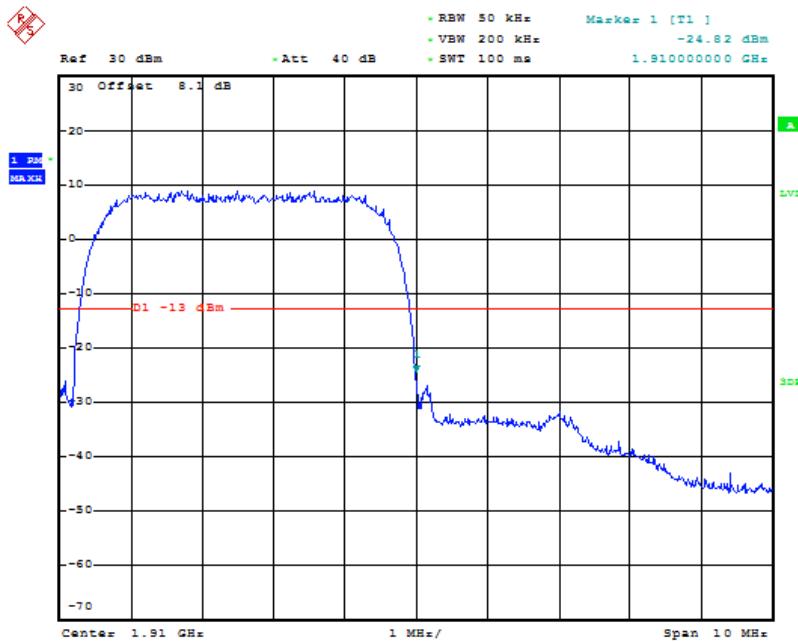
Band edge measurement  
 Test Band = WCDMA850  
 Test Mode = UMTS /TM3  
 Test Channel = LCH/HCH



**Band edge measurement**  
**Test Band = WCDMA1900**  
**Test Mode = UMTS /TM3**  
**Test Channel = LCH/HCH**



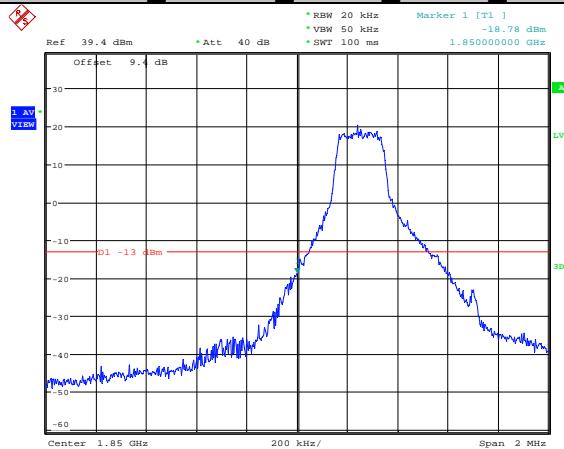
Date: 2.JUL.2019 15:41:49



Date: 2.JUL.2019 15:42:18

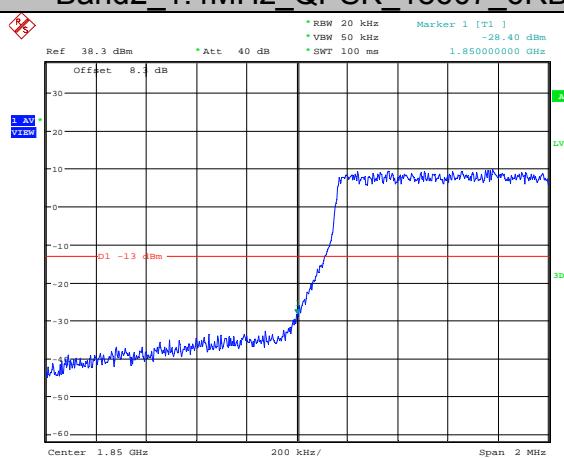
LTE Band 2:

Band2\_1.4MHz\_QPSK\_18607\_1RB#0



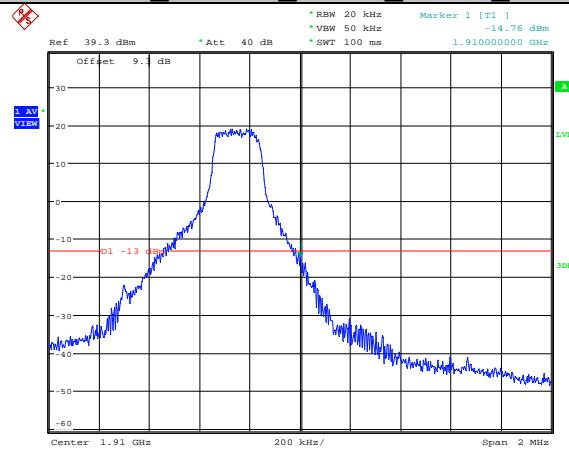
Date: 25.JUN.2019 18:33:15

Band2\_1.4MHz\_QPSK\_18607\_6RB#0



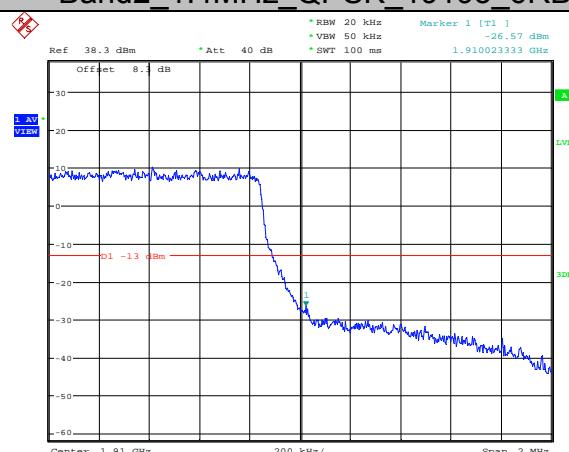
Date: 3.JUL.2019 16:02:44

## Band2\_1.4MHz\_QPSK\_19193\_1RB#5



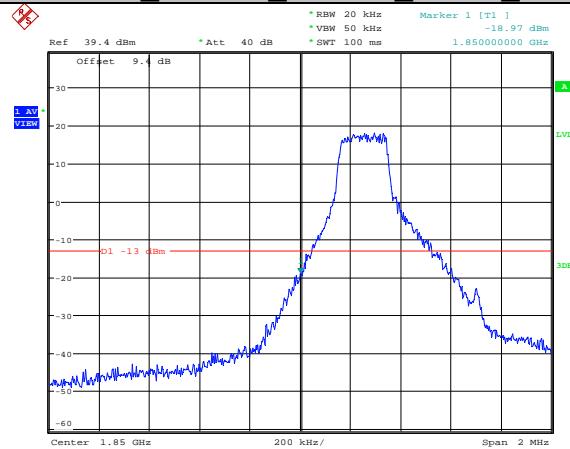
Date: 25.JUN.2019 18:34:49

## Band2\_1.4MHz\_QPSK\_19193\_6RB#0



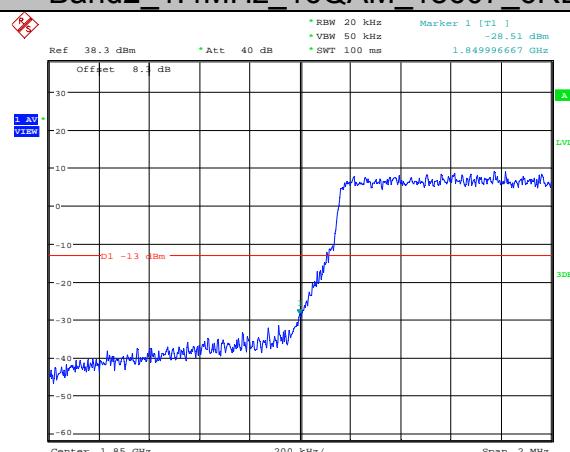
Date: 3.JUL.2019 16:03:55

## Band2\_1.4MHz\_16QAM\_18607\_1RB#0



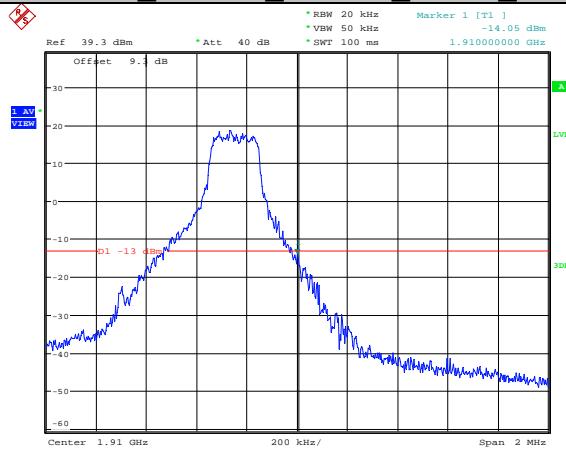
Date: 25.JUN.2019 18:33:25

## Band2\_1.4MHz\_16QAM\_18607\_6RB#0



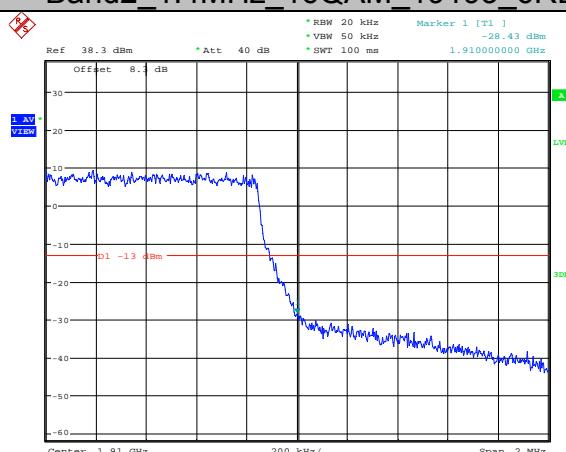
Date: 3.JUL.2019 16:02:54

## Band2\_1.4MHz\_16QAM\_19193\_1RB#5



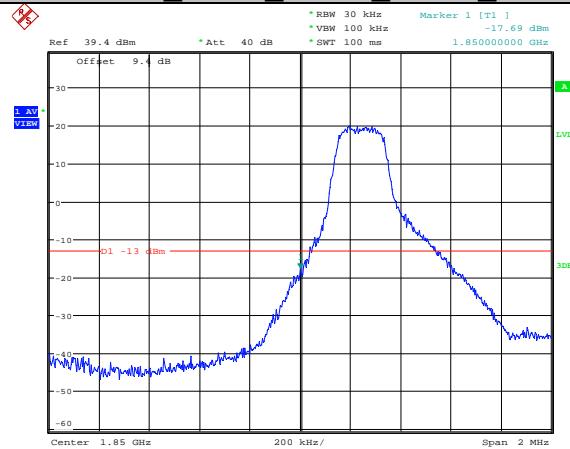
Date: 25.JUN.2019 18:34:59

## Band2\_1.4MHz\_16QAM\_19193\_6RB#0



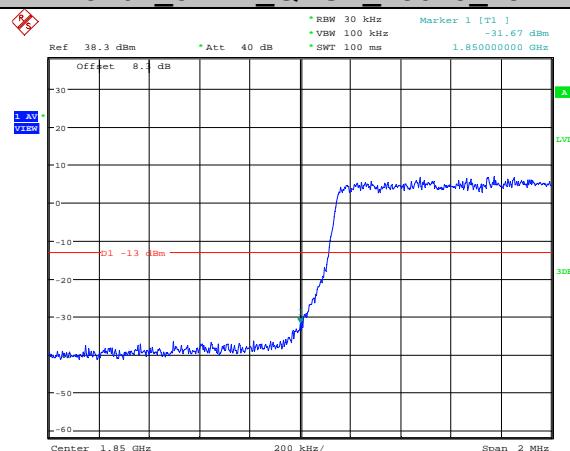
Date: 3.JUL.2019 16:04:05

## Band2\_3MHz\_QPSK\_18615\_1RB#0



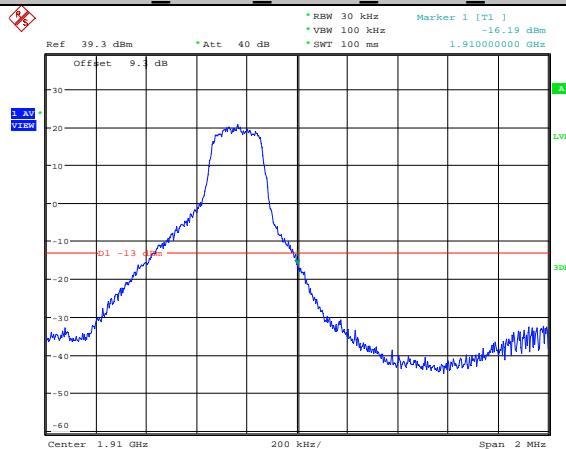
Date: 25.JUN.2019 18:36:54

## Band2\_3MHz\_QPSK\_18615\_15RB#0



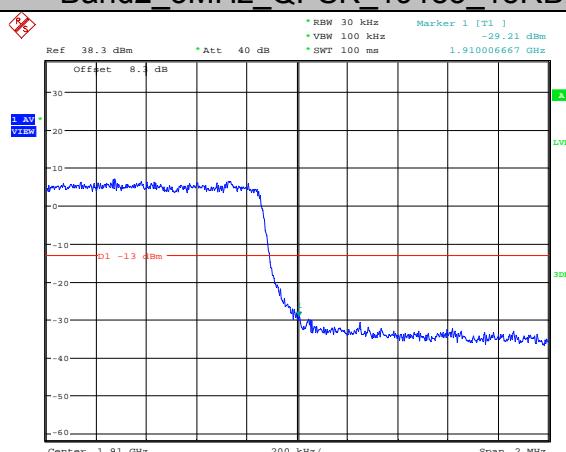
Date: 3.JUL.2019 16:19:38

## Band2\_3MHz\_QPSK\_19185\_1RB#14



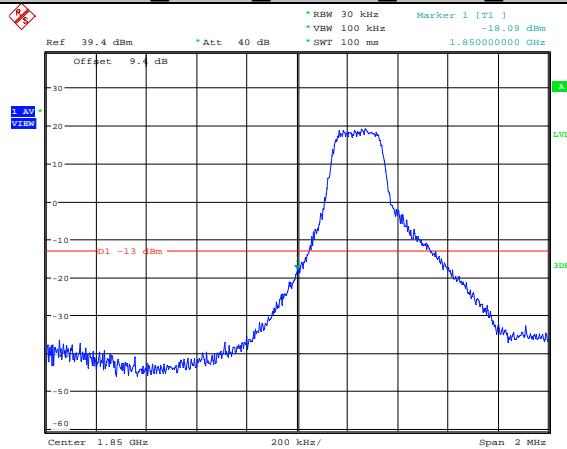
Date: 25.JUN.2019 18:38:27

## Band2\_3MHz\_QPSK\_19185\_15RB#0



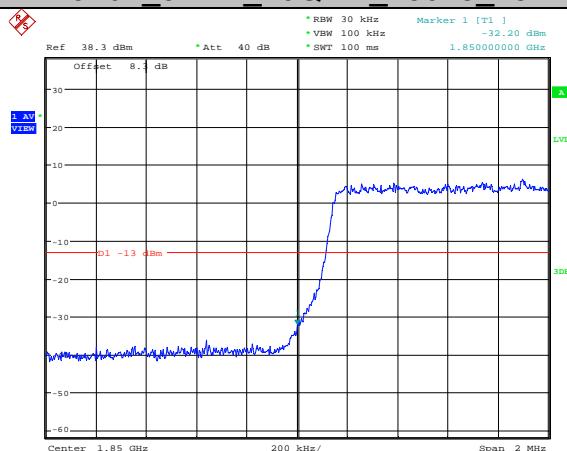
Date: 3.JUL.2019 16:20:49

## Band2\_3MHz\_16QAM\_18615\_1RB#0



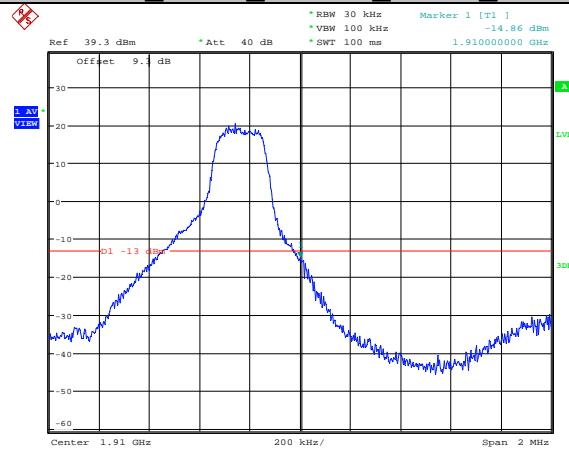
Date: 25.JUN.2019 18:37:04

## Band2\_3MHz\_16QAM\_18615\_15RB#0



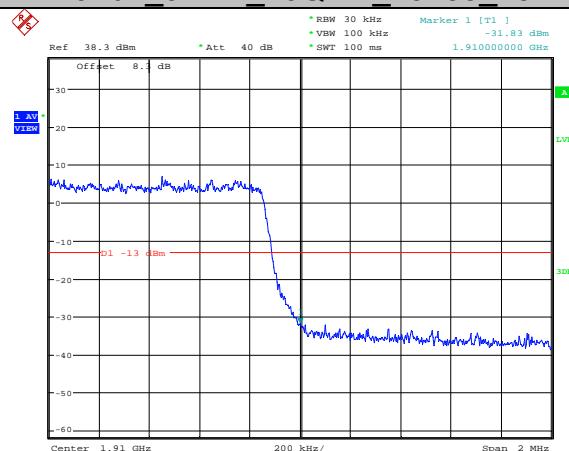
Date: 3.JUL.2019 16:19:47

## Band2\_3MHz\_16QAM\_19185\_1RB#14



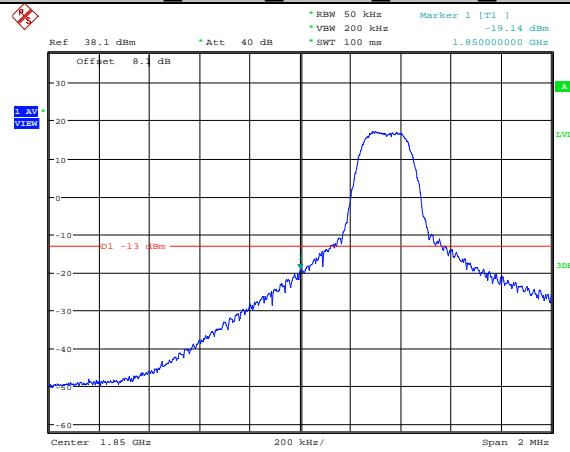
Date: 25.JUN.2019 18:38:37

## Band2\_3MHz\_16QAM\_19185\_15RB#0



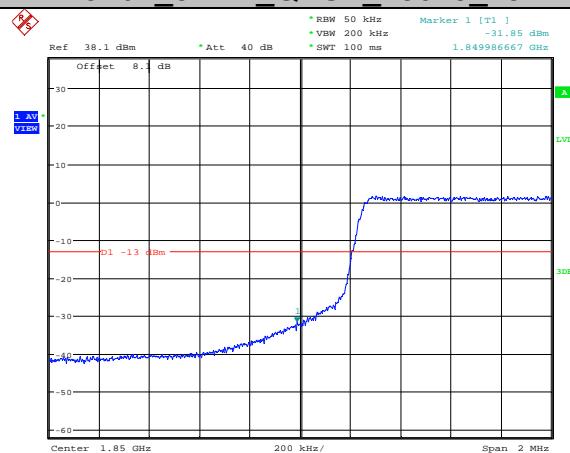
Date: 3.JUL.2019 16:20:58

## Band2\_5MHz\_QPSK\_18625\_1RB#0



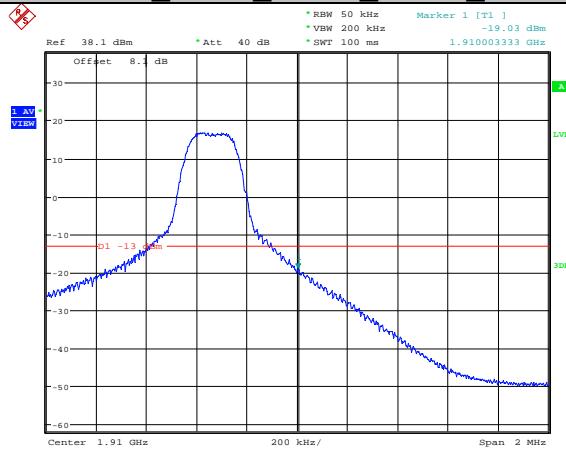
Date: 11.JUL.2019 13:01:54

## Band2\_5MHz\_QPSK\_18625\_25RB#0



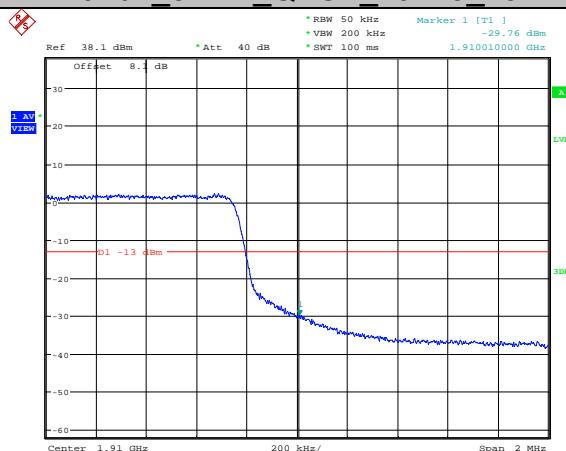
Date: 11.JUL.2019 13:02:34

## Band2\_5MHz\_QPSK\_19175\_1RB#24



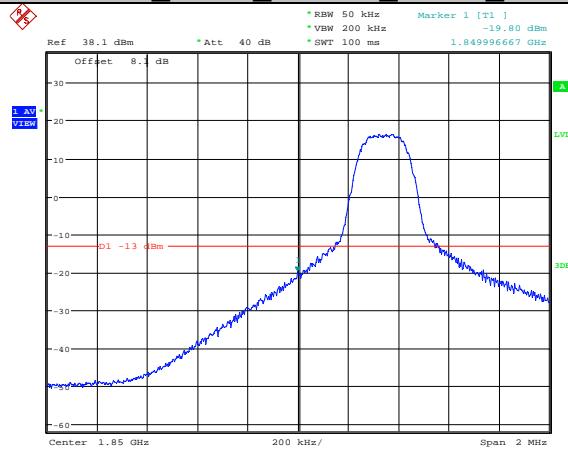
Date: 11.JUL.2019 13:03:17

## Band2\_5MHz\_QPSK\_19175\_25RB#0



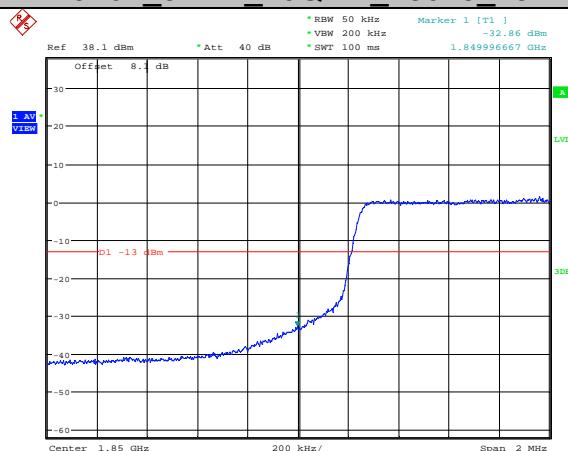
Date: 11.JUL.2019 13:03:36

## Band2\_5MHz\_16QAM\_18625\_1RB#0



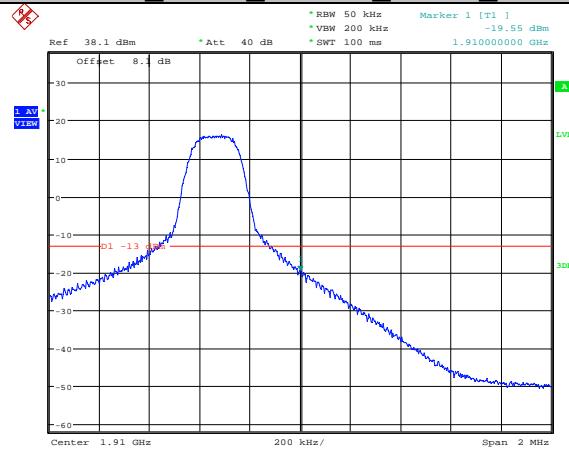
Date: 11.JUL.2019 13:02:05

## Band2\_5MHz\_16QAM\_18625\_25RB#0



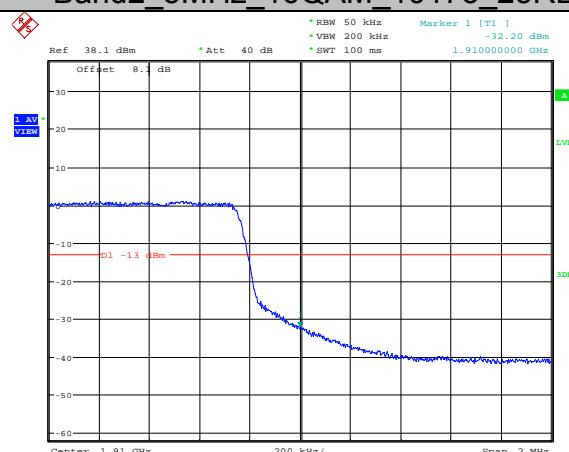
Date: 11.JUL.2019 13:02:44

## Band2\_5MHz\_16QAM\_19175\_1RB#24



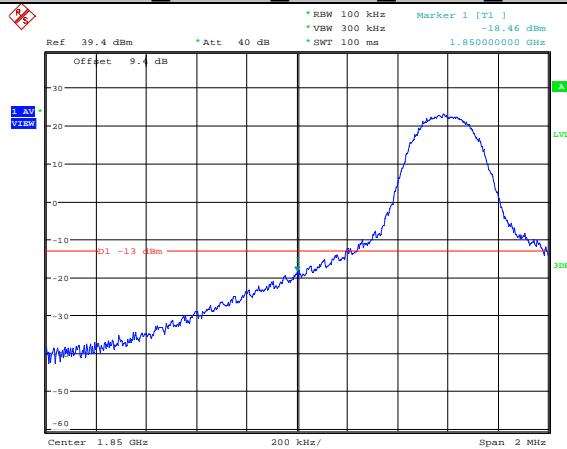
Date: 11.JUL.2019 13:03:27

## Band2\_5MHz\_16QAM\_19175\_25RB#0



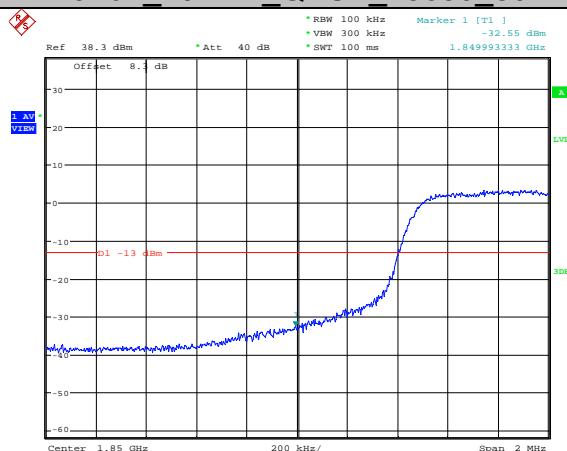
Date: 11.JUL.2019 13:03:46

## Band2\_10MHz\_QPSK\_18650\_1RB#0



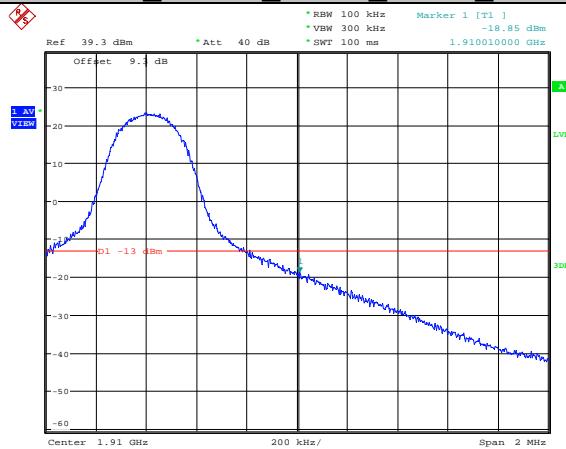
Date: 25.JUN.2019 18:44:10

## Band2\_10MHz\_QPSK\_18650\_50RB#0



Date: 3.JUL.2019 17:06:12

## Band2\_10MHz\_QPSK\_19150\_1RB#49



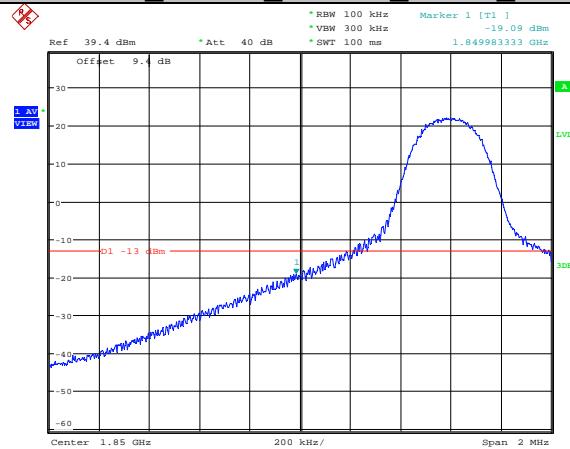
Date: 25.JUN.2019 18:45:45

## Band2\_10MHz\_QPSK\_19150\_50RB#0



Date: 3.JUL.2019 17:07:24

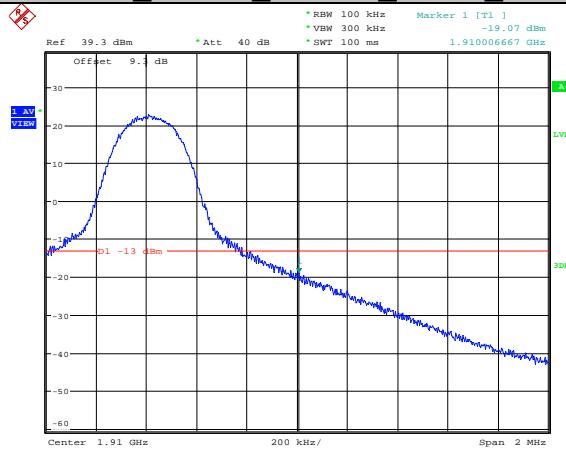
## Band2\_10MHz\_16QAM\_18650\_1RB#0



## Band2\_10MHz\_16QAM\_18650\_50RB#0



## Band2\_10MHz\_16QAM\_19150\_1RB#49



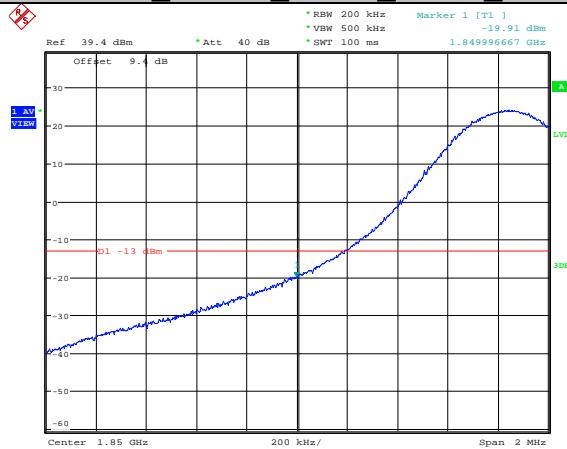
Date: 25.JUN.2019 18:45:55

## Band2\_10MHz\_16QAM\_19150\_50RB#0



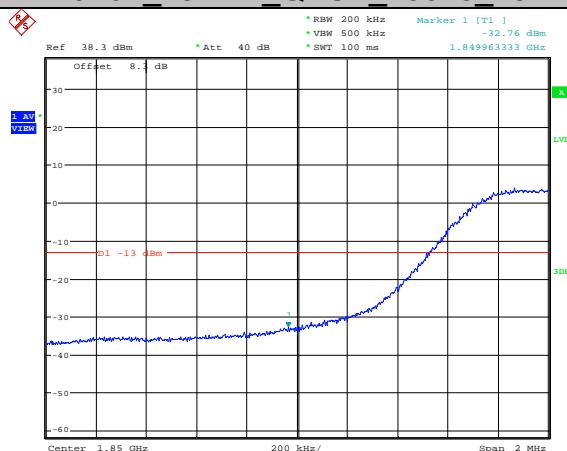
Date: 3.JUL.2019 17:07:34

## Band2\_15MHz\_QPSK\_18675\_1RB#0



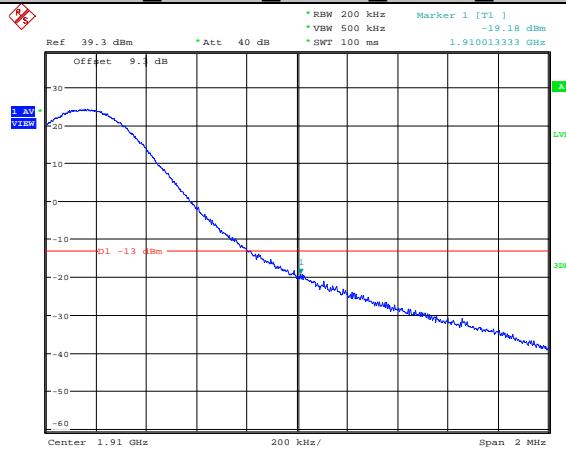
Date: 25.JUN.2019 18:47:51

## Band2\_15MHz\_QPSK\_18675\_75RB#0



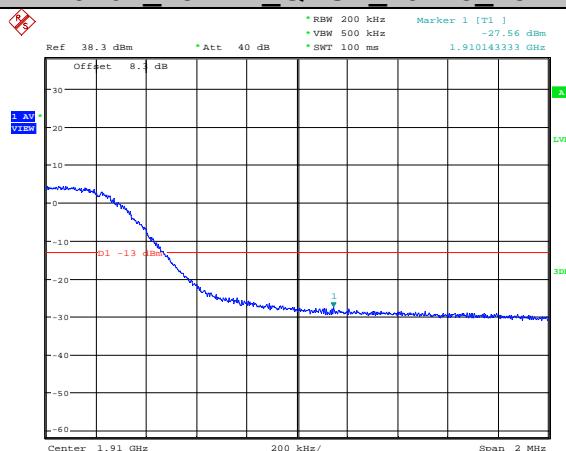
Date: 3.JUL.2019 17:21:00

## Band2\_15MHz\_QPSK\_19125\_1RB#74



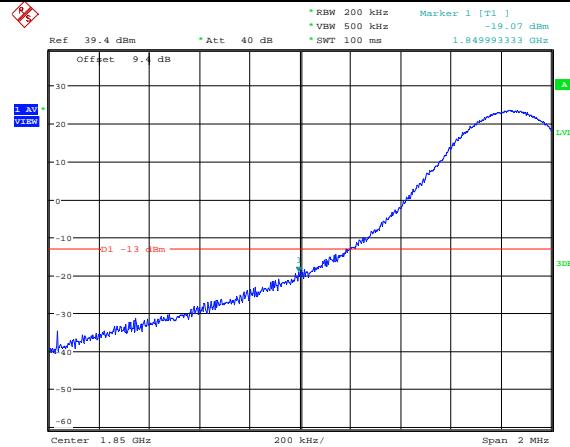
Date: 25.JUN.2019 18:49:29

## Band2\_15MHz\_QPSK\_19125\_75RB#0



Date: 3.JUL.2019 17:22:14

## Band2\_15MHz\_16QAM\_18675\_1RB#0



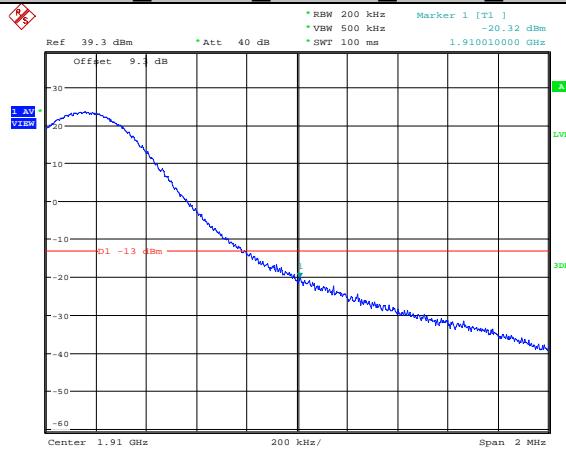
Date: 25.JUN.2019 18:48:02

## Band2\_15MHz\_16QAM\_18675\_75RB#0



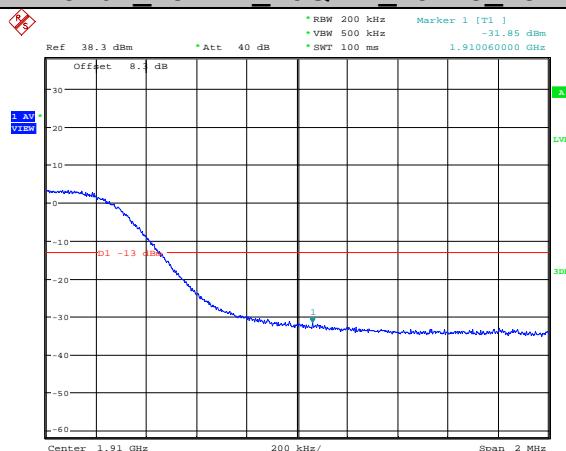
Date: 3.JUL.2019 17:21:11

## Band2\_15MHz\_16QAM\_19125\_1RB#74



Date: 25.JUN.2019 18:49:39

## Band2\_15MHz\_16QAM\_19125\_75RB#0



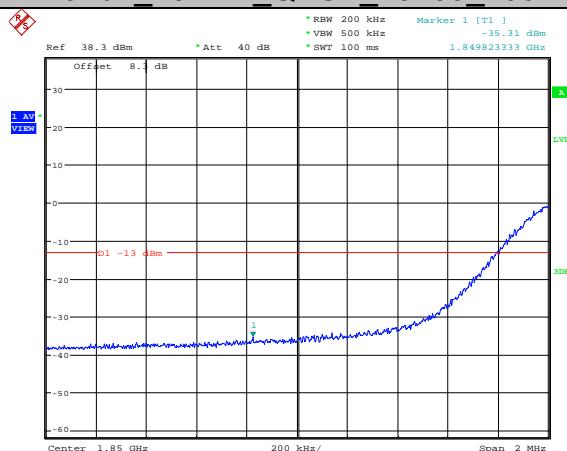
Date: 3.JUL.2019 17:22:25

## Band2\_20MHz\_QPSK\_18700\_1RB#0



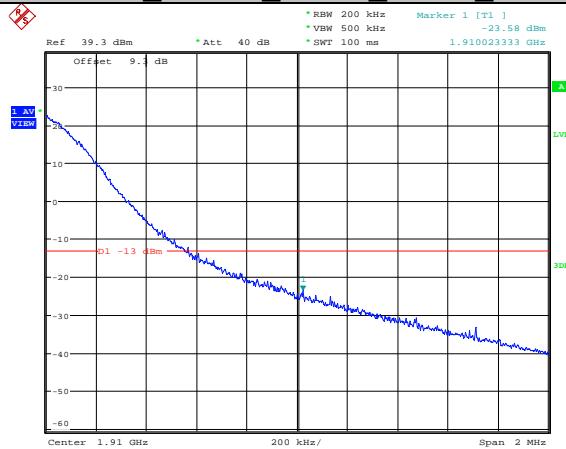
Date: 25.JUN.2019 18:51:39

## Band2\_20MHz\_QPSK\_18700\_100RB#0



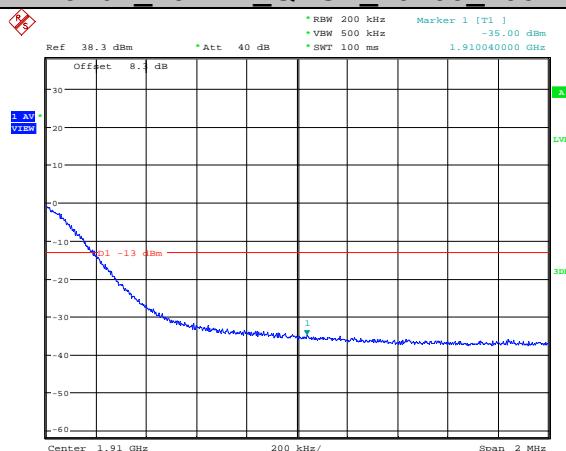
Date: 3.JUL.2019 17:40:10

## Band2\_20MHz\_QPSK\_19100\_1RB#99



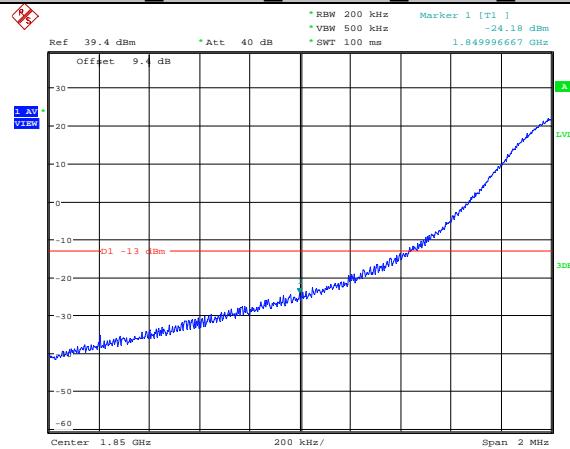
Date: 25.JUN.2019 18:53:27

## Band2\_20MHz\_QPSK\_19100\_100RB#0

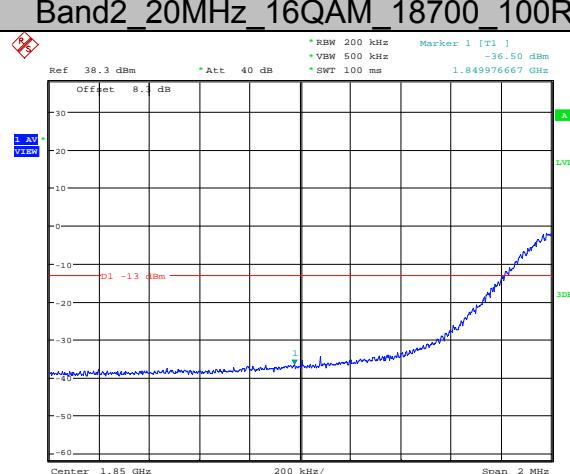


Date: 3.JUL.2019 17:41:28

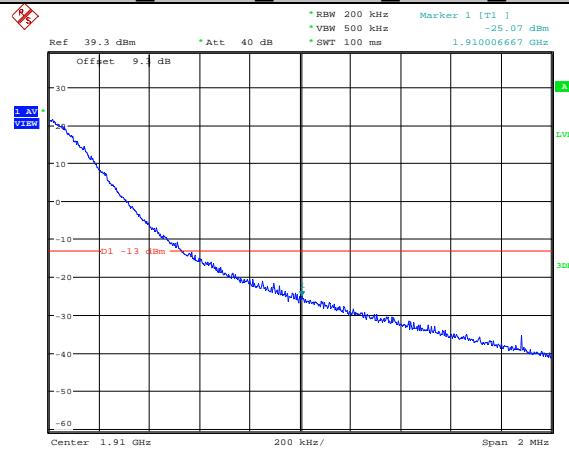
## Band2\_20MHz\_16QAM\_18700\_1RB#0



## Band2\_20MHz\_16QAM\_18700\_100RB#0

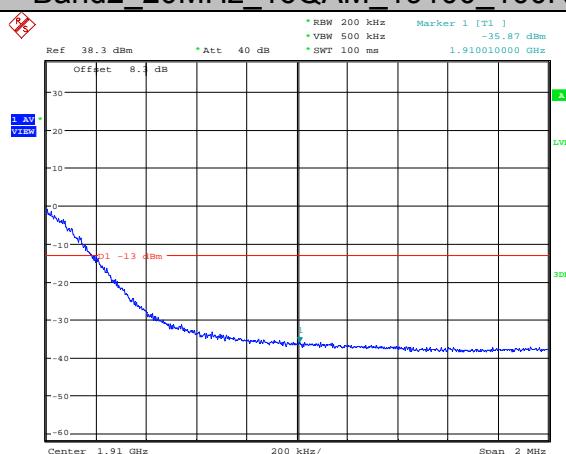


## Band2\_20MHz\_16QAM\_19100\_1RB#99



Date: 25.JUN.2019 18:53:38

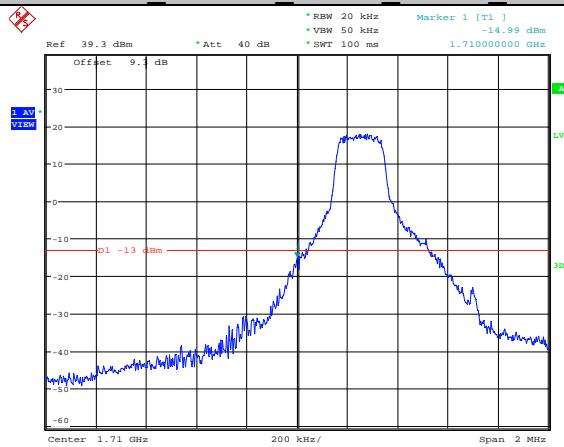
## Band2\_20MHz\_16QAM\_19100\_100RB#0



Date: 3.JUL.2019 17:41:40

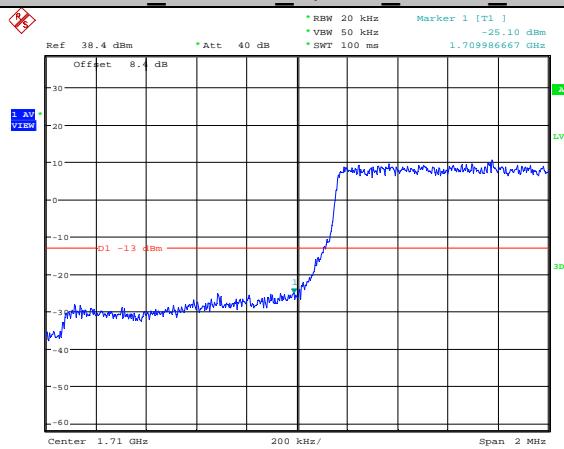
LTE Band 4:

Band4\_1.4MHz\_QPSK\_19957\_1RB#0



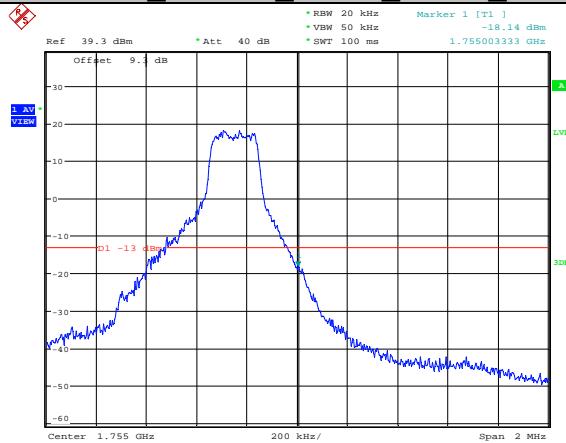
Date: 26.JUN.2019 12:47:35

Band4\_1.4MHz\_QPSK\_19957\_6RB#0



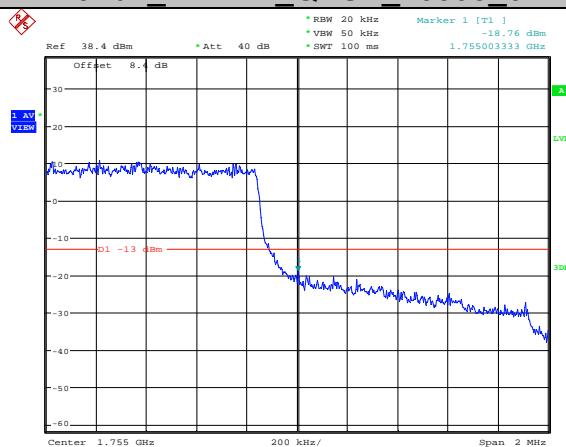
Date: 3.JUL.2019 17:45:01

### Band4\_1.4MHz\_QPSK\_20393\_1RB#5



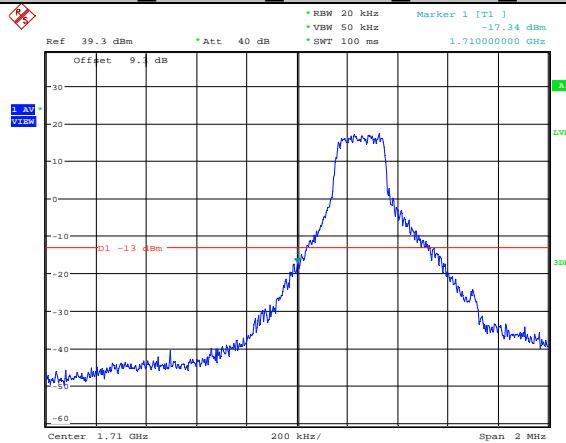
Date: 26.JUN.2019 12:49:53

### Band4\_1.4MHz\_QPSK\_20393\_6RB#0



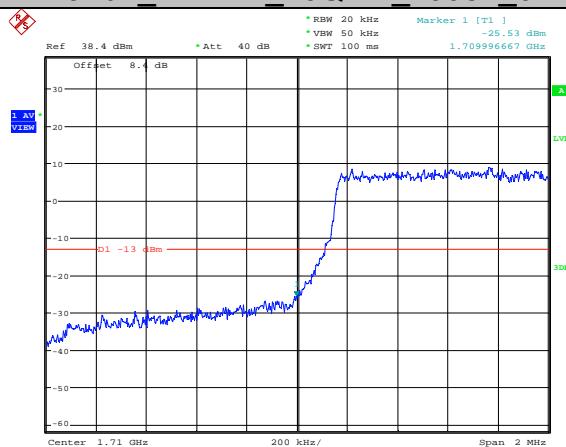
Date: 3.JUL.2019 17:46:12

## Band4\_1.4MHz\_16QAM\_19957\_1RB#0



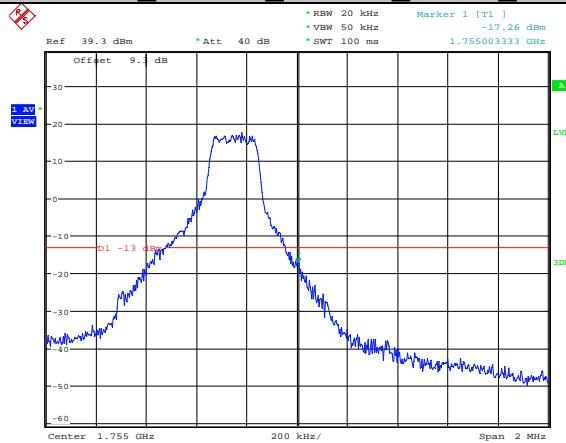
Date: 26.JUN.2019 12:47:45

## Band4\_1.4MHz\_16QAM\_19957\_6RB#0



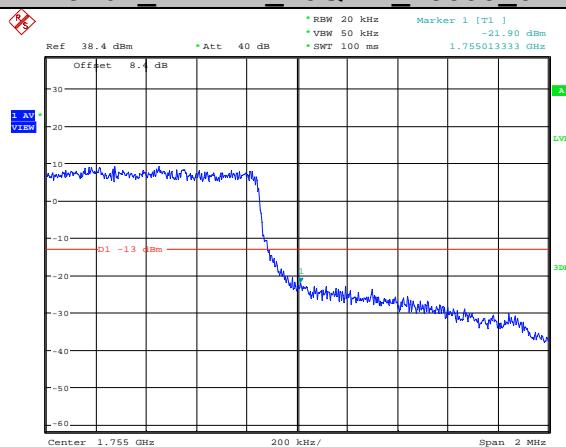
Date: 3.JUL.2019 17:45:11

## Band4\_1.4MHz\_16QAM\_20393\_1RB#5



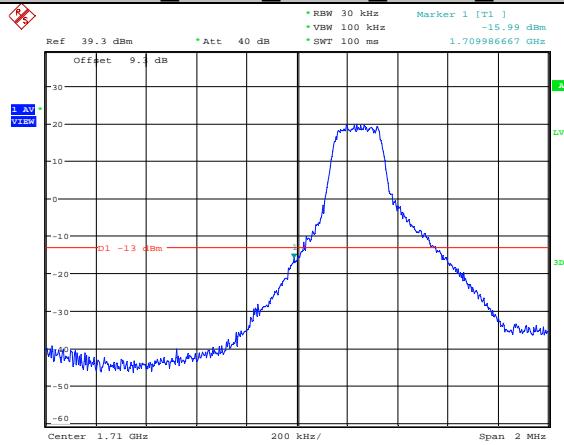
Date: 26.JUN.2019 12:50:03

## Band4\_1.4MHz\_16QAM\_20393\_6RB#0



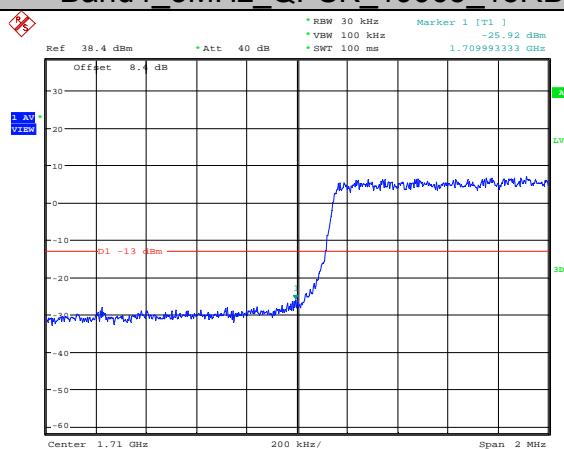
Date: 3.JUL.2019 17:46:22

## Band4\_3MHz\_QPSK\_19965\_1RB#0



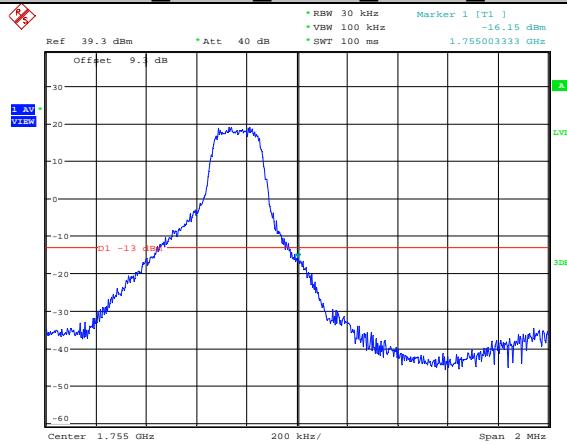
Date: 26.JUN.2019 12:51:10

## Band4\_3MHz\_QPSK\_19965\_15RB#0



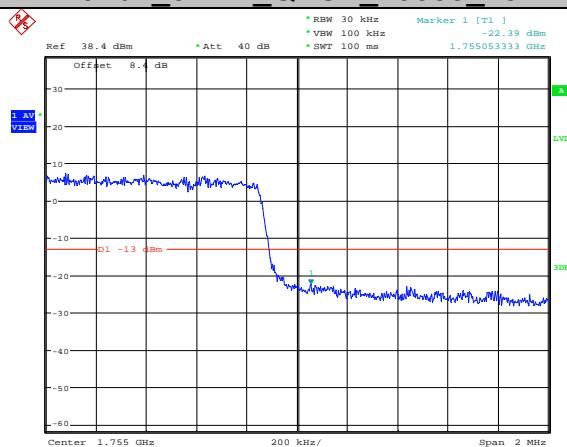
Date: 3.JUL.2019 18:00:43

### Band4\_3MHz\_QPSK\_20385\_1RB#14



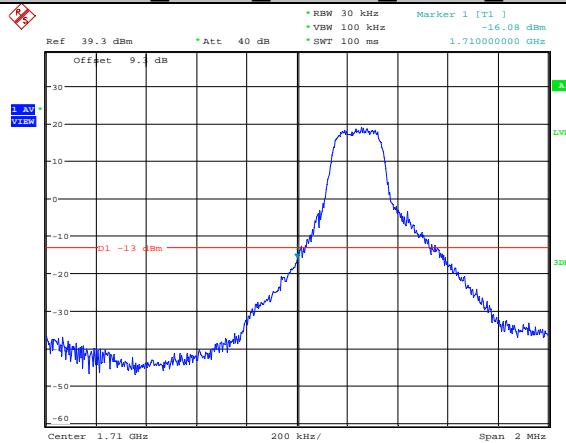
Date: 26.JUN.2019 12:52:43

### Band4\_3MHz\_QPSK\_20385\_15RB#0



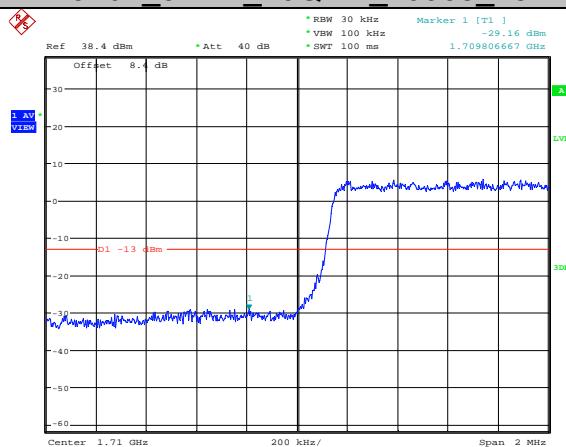
Date: 3.JUL.2019 18:01:53

## Band4\_3MHz\_16QAM\_19965\_1RB#0



Date: 26.JUN.2019 12:51:20

## Band4\_3MHz\_16QAM\_19965\_15RB#0



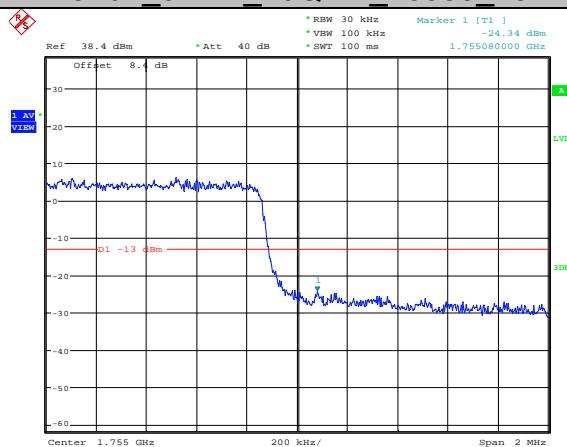
Date: 3.JUL.2019 18:00:52

## Band4\_3MHz\_16QAM\_20385\_1RB#14



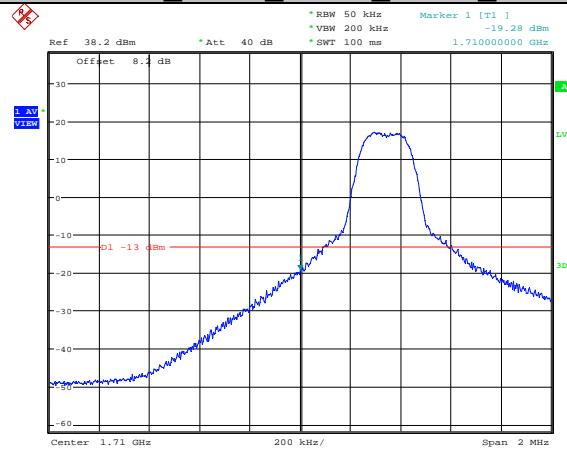
Date: 26.JUN.2019 12:52:53

## Band4\_3MHz\_16QAM\_20385\_15RB#0



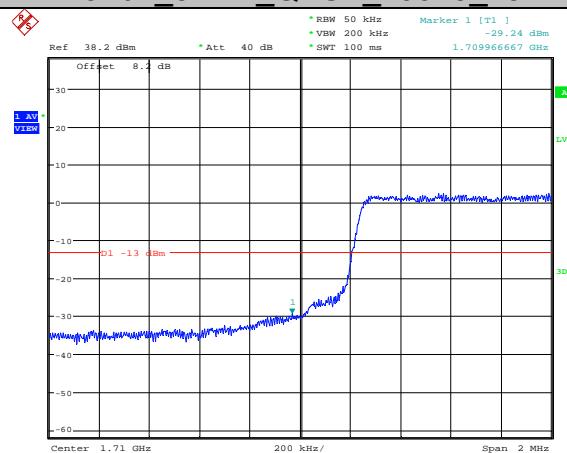
Date: 3.JUL.2019 18:02:03

## Band4\_5MHz\_QPSK\_19975\_1RB#0



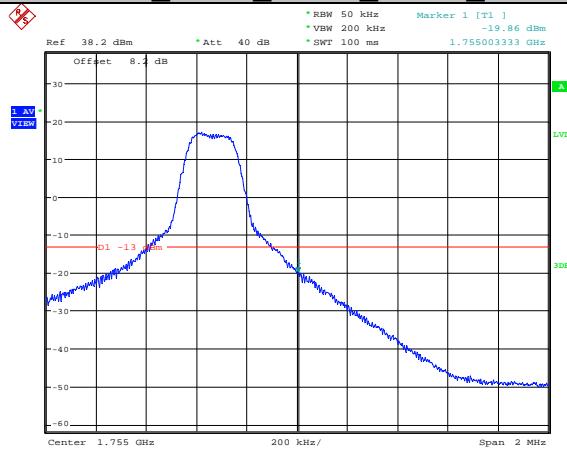
Date: 11.JUL.2019 13:45:20

## Band4\_5MHz\_QPSK\_19975\_25RB#0



Date: 11.JUL.2019 13:45:58

### Band4\_5MHz\_QPSK\_20375\_1RB#24



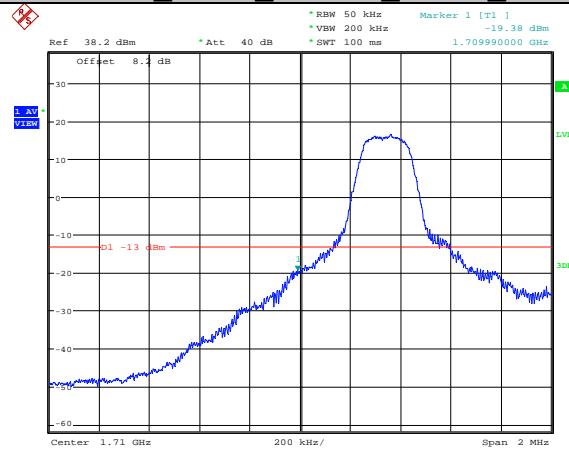
Date: 11.JUL.2019 13:46:41

### Band4\_5MHz\_QPSK\_20375\_25RB#0



Date: 11.JUL.2019 13:47:00

### Band4\_5MHz\_16QAM\_19975\_1RB#0



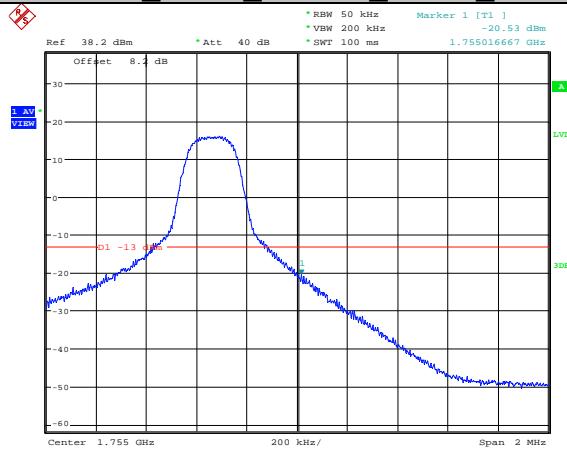
Date: 11.JUL.2019 13:45:29

### Band4\_5MHz\_16QAM\_19975\_25RB#0



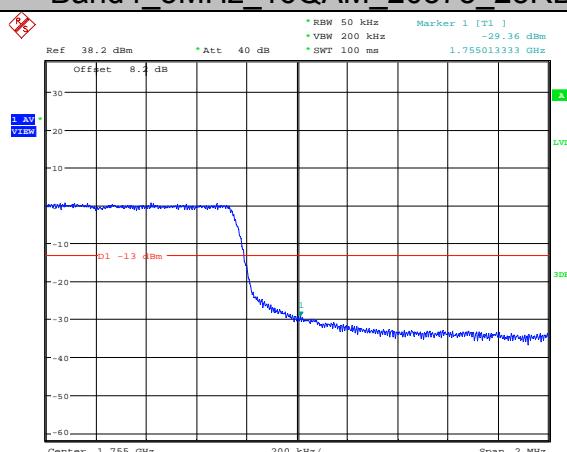
Date: 11.JUL.2019 13:46:08

### Band4\_5MHz\_16QAM\_20375\_1RB#24



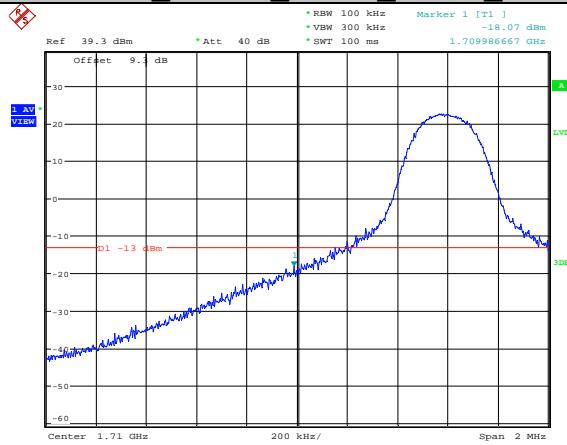
Date: 11.JUL.2019 13:46:50

### Band4\_5MHz\_16QAM\_20375\_25RB#0



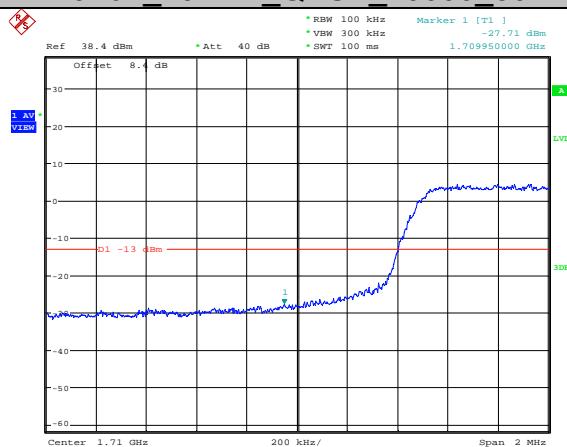
Date: 11.JUL.2019 13:47:10

## Band4\_10MHz\_QPSK\_20000\_1RB#0



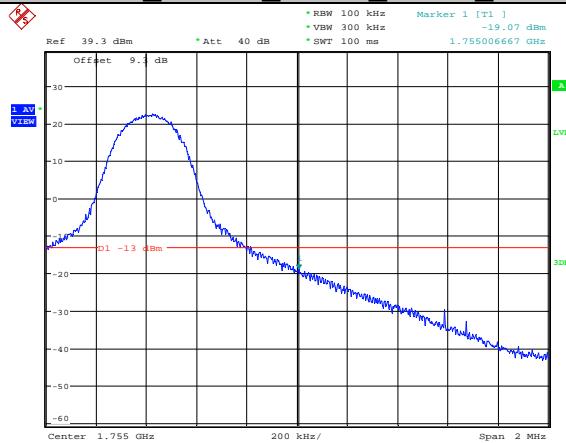
Date: 26.JUN.2019 13:02:42

## Band4\_10MHz\_QPSK\_20000\_50RB#0



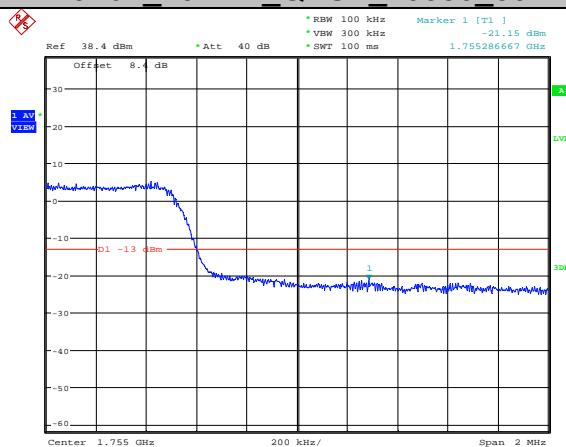
Date: 3.JUL.2019 18:34:56

## Band4\_10MHz\_QPSK\_20350\_1RB#49



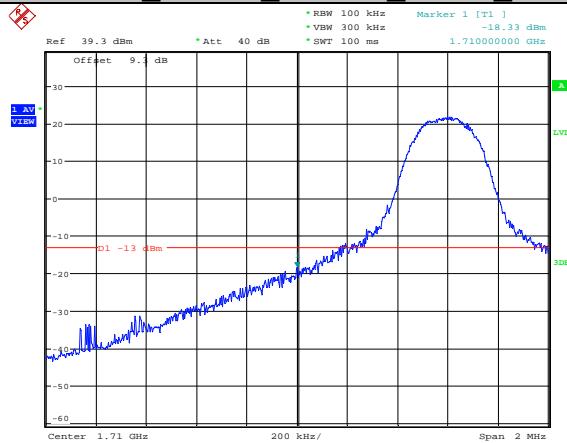
Date: 26.JUN.2019 13:04:15

## Band4\_10MHz\_QPSK\_20350\_50RB#0



Date: 3.JUL.2019 18:36:07

## Band4\_10MHz\_16QAM\_20000\_1RB#0



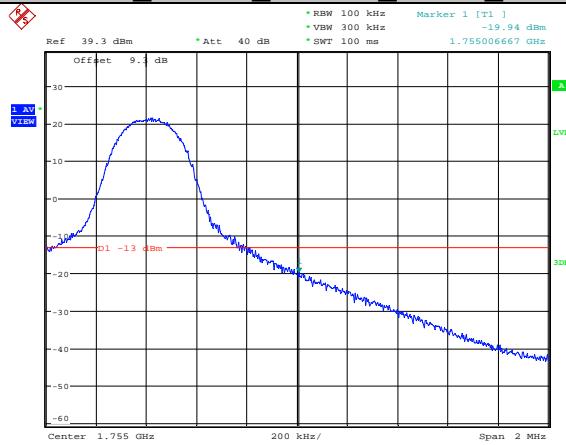
Date: 26.JUN.2019 13:02:52

## Band4\_10MHz\_16QAM\_20000\_50RB#0



Date: 3.JUL.2019 18:35:06

## Band4\_10MHz\_16QAM\_20350\_1RB#49



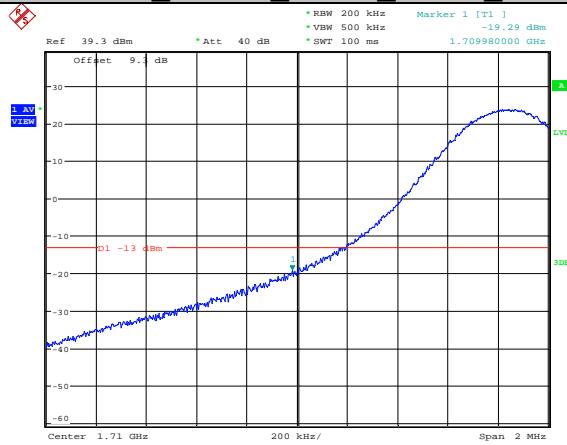
Date: 26.JUN.2019 13:04:25

## Band4\_10MHz\_16QAM\_20350\_50RB#0



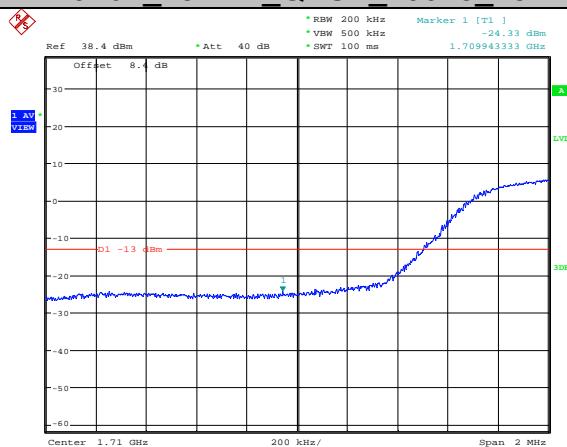
Date: 3.JUL.2019 18:36:17

## Band4\_15MHz\_QPSK\_20025\_1RB#0



Date: 26.JUN.2019 13:06:23

## Band4\_15MHz\_QPSK\_20025\_75RB#0



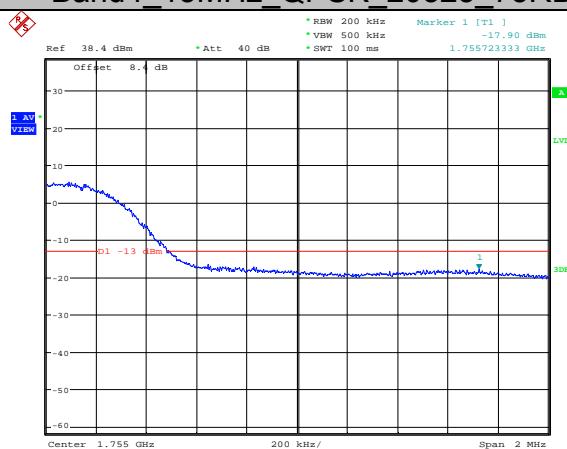
Date: 3.JUL.2019 18:51:44

## Band4\_15MHz\_QPSK\_20325\_1RB#74



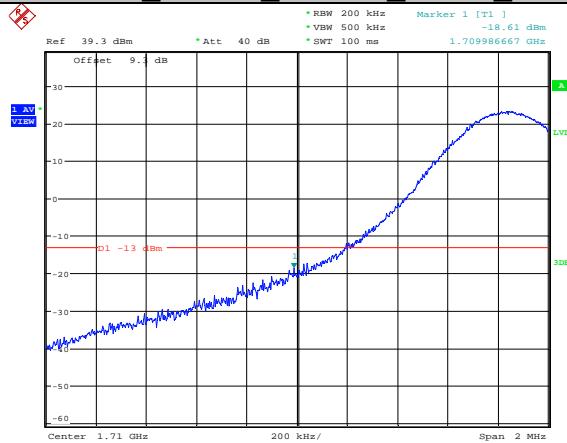
Date: 26.JUN.2019 13:07:59

## Band4\_15MHz\_QPSK\_20325\_75RB#0



Date: 3.JUL.2019 18:52:58

## Band4\_15MHz\_16QAM\_20025\_1RB#0



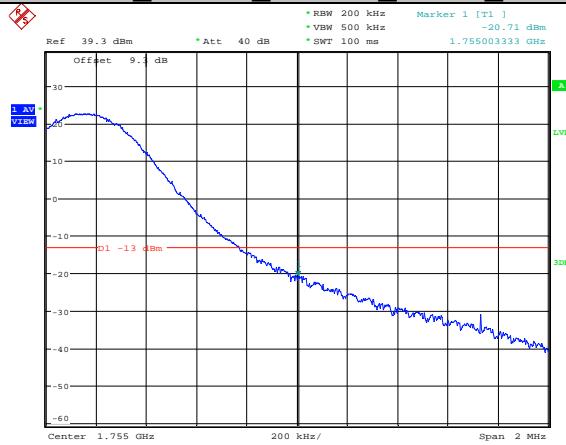
Date: 26.JUN.2019 13:06:33

## Band4\_15MHz\_16QAM\_20025\_75RB#0



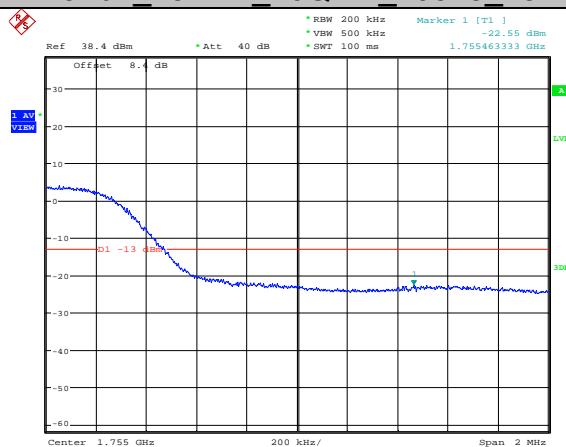
Date: 3.JUL.2019 18:51:55

## Band4\_15MHz\_16QAM\_20325\_1RB#74



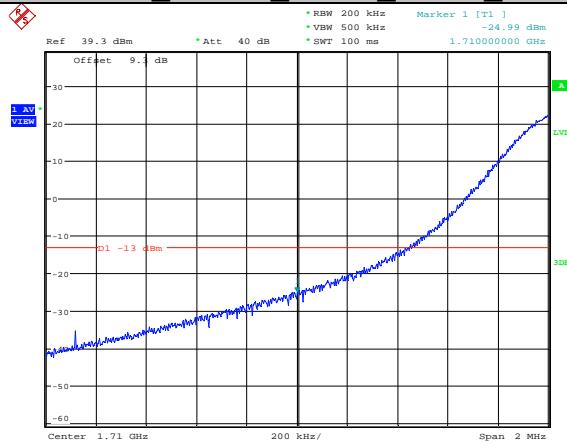
Date: 26.JUN.2019 13:08:10

## Band4\_15MHz\_16QAM\_20325\_75RB#0



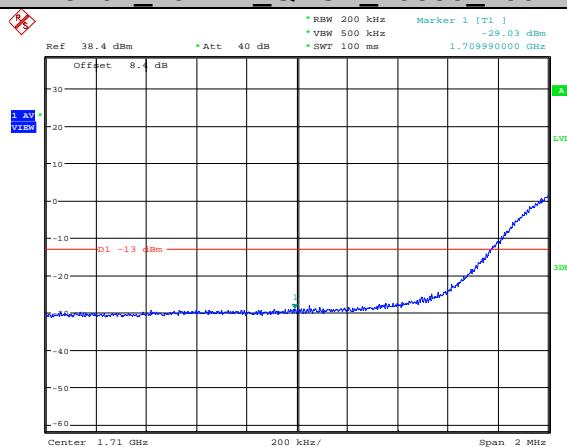
Date: 3.JUL.2019 18:53:08

## Band4\_20MHz\_QPSK\_20050\_1RB#0



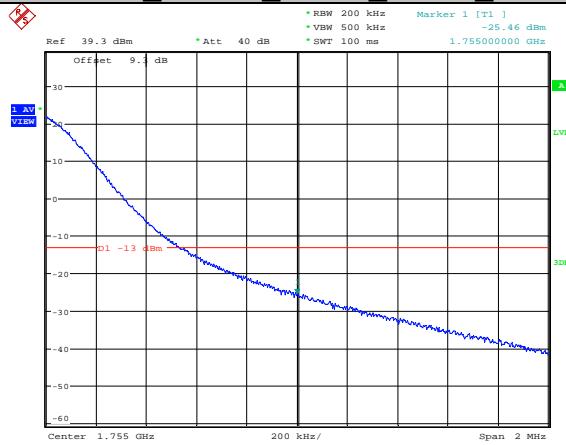
Date: 26.JUN.2019 13:10:09

## Band4\_20MHz\_QPSK\_20050\_100RB#0



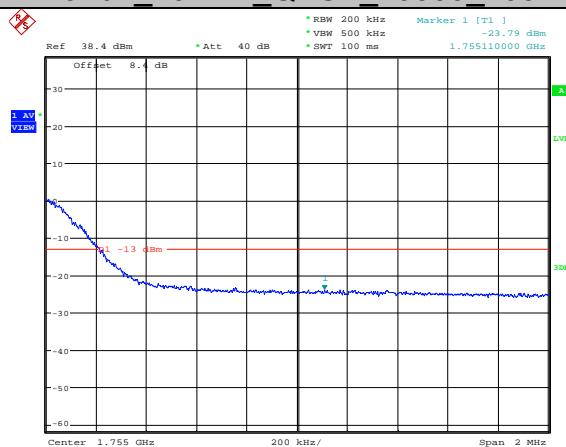
Date: 3.JUL.2019 19:21:56

## Band4\_20MHz\_QPSK\_20300\_1RB#99



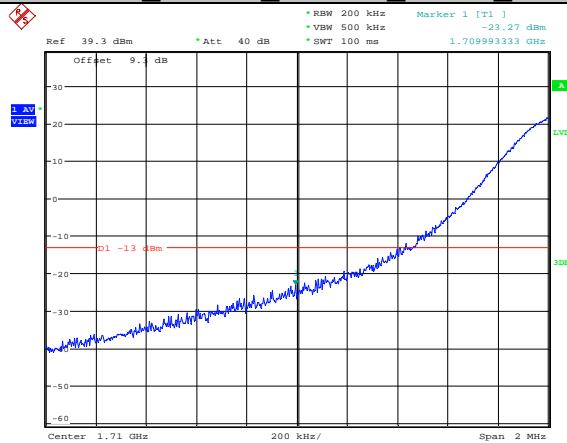
Date: 26.JUN.2019 13:11:56

## Band4\_20MHz\_QPSK\_20300\_100RB#0



Date: 3.JUL.2019 19:23:14

## Band4\_20MHz\_16QAM\_20050\_1RB#0



Date: 26.JUN.2019 13:10:21

## Band4\_20MHz\_16QAM\_20050\_100RB#0



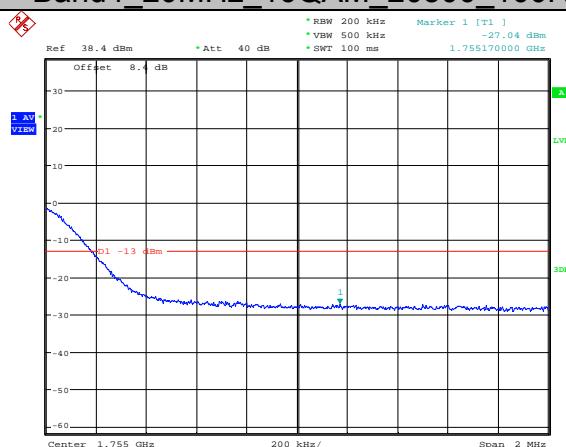
Date: 3.JUL.2019 19:22:07

## Band4\_20MHz\_16QAM\_20300\_1RB#99



Date: 26.JUN.2019 13:12:08

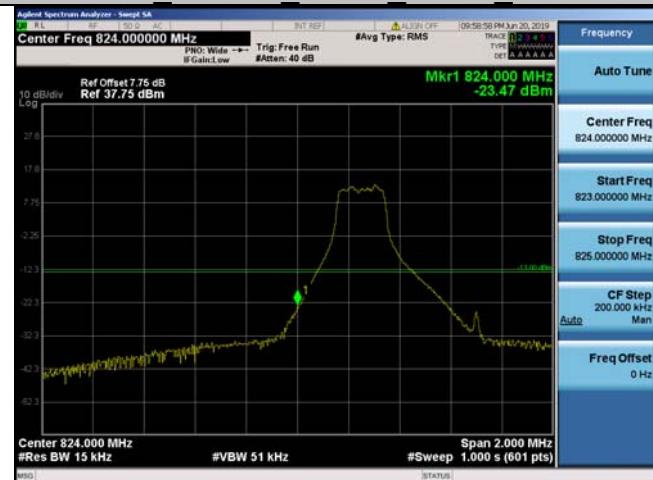
## Band4\_20MHz\_16QAM\_20300\_100RB#0



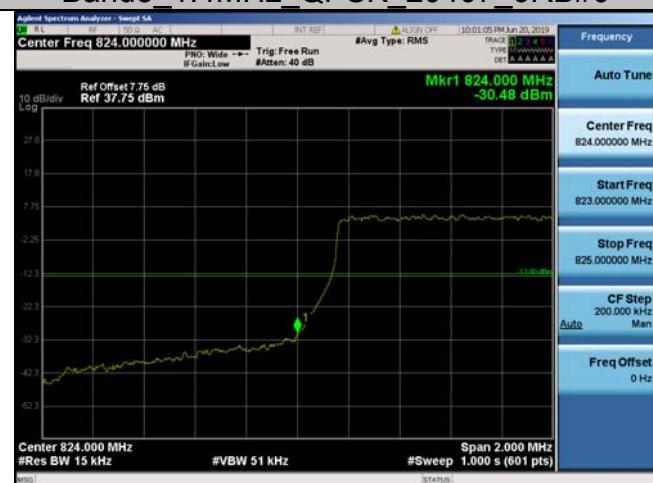
Date: 3.JUL.2019 19:23:25

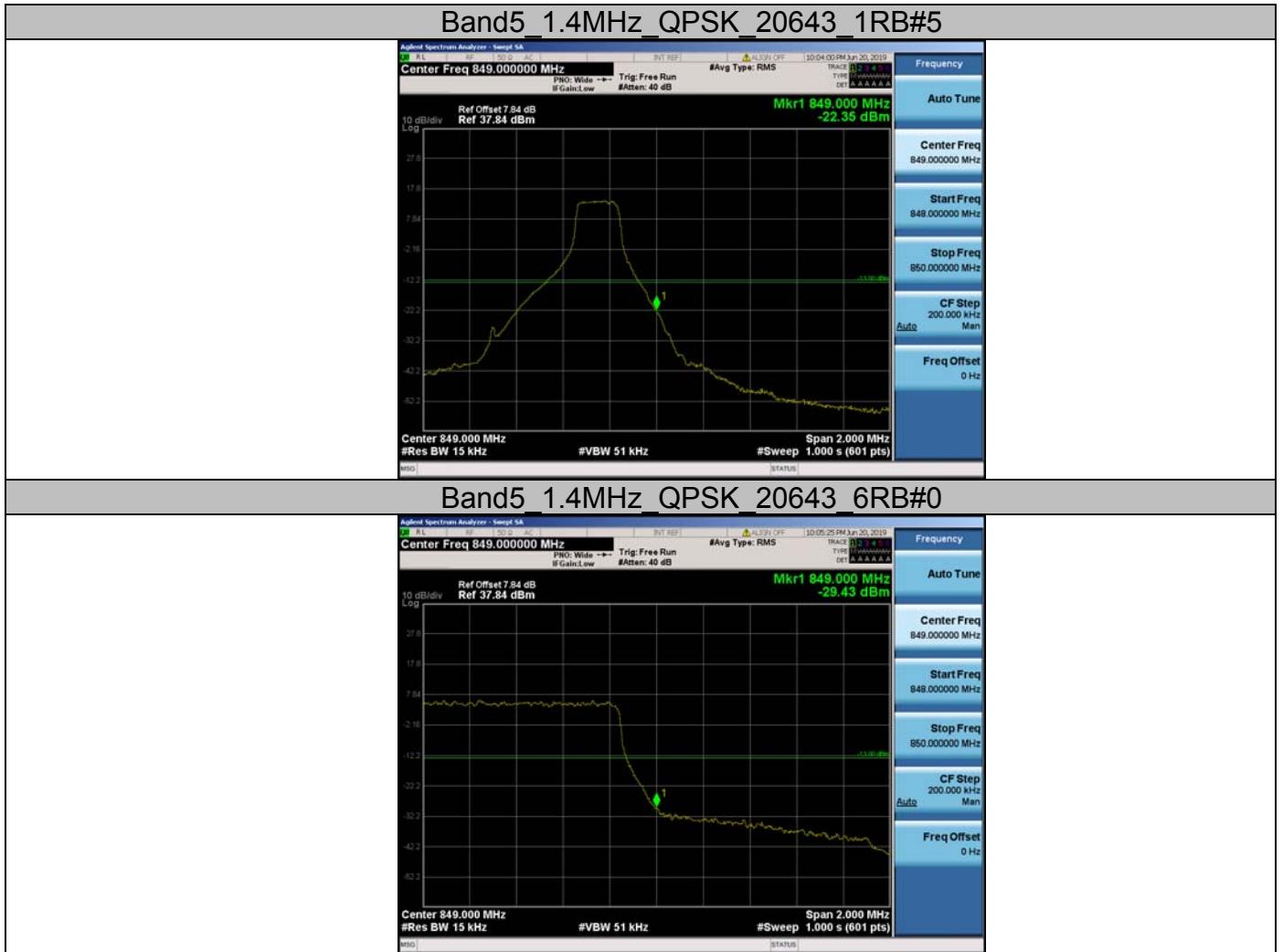
LTE Band 5:

Band5\_1.4MHz\_QPSK\_20407\_1RB#0

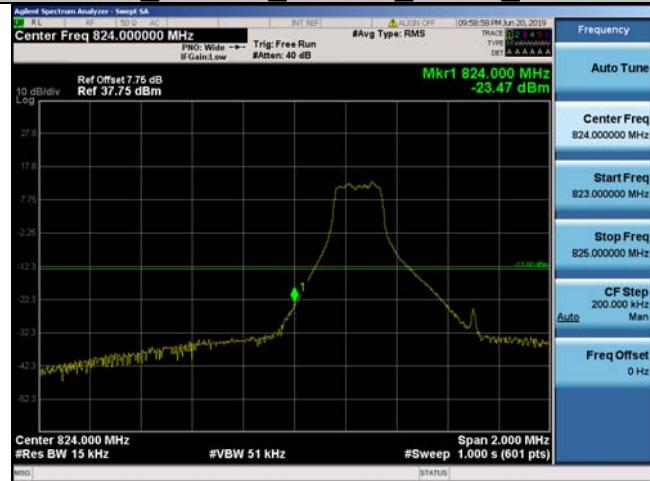


Band5\_1.4MHz\_QPSK\_20407\_6RB#0

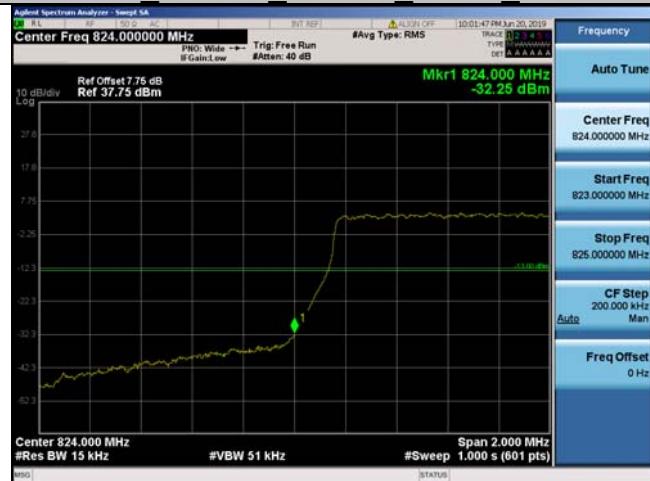




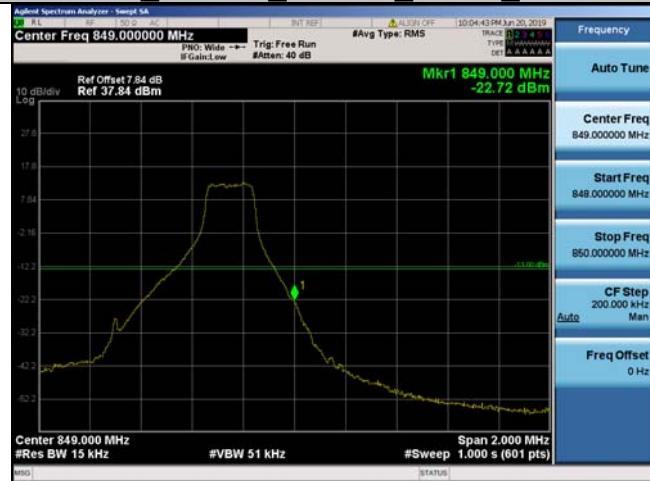
## Band5\_1.4MHz\_16QAM\_20407\_1RB#0



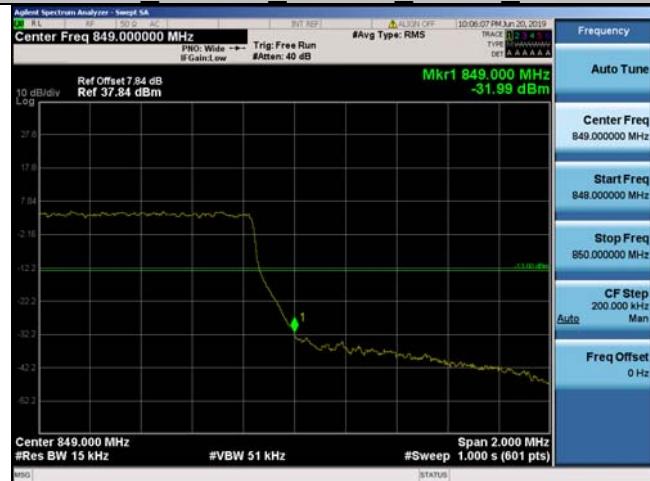
## Band5\_1.4MHz\_16QAM\_20407\_6RB#0



## Band5\_1.4MHz\_16QAM\_20643\_1RB#5



## Band5\_1.4MHz\_16QAM\_20643\_6RB#0



### Band5\_3MHz\_QPSK\_20415\_1RB#0



### Band5\_3MHz\_QPSK\_20415\_15RB#0



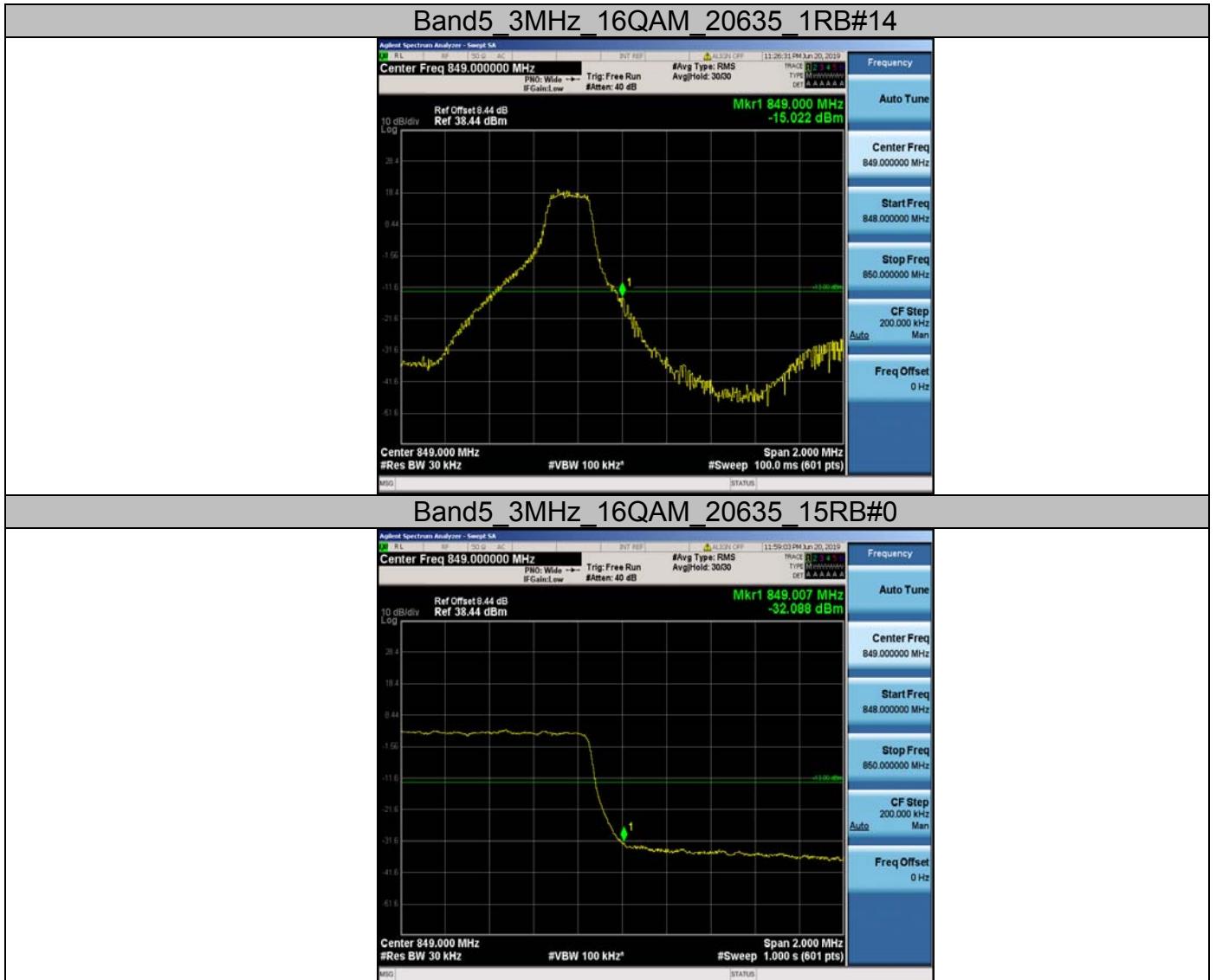


## Band5\_3MHz\_16QAM\_20415\_1RB#0



## Band5\_3MHz\_16QAM\_20415\_15RB#0

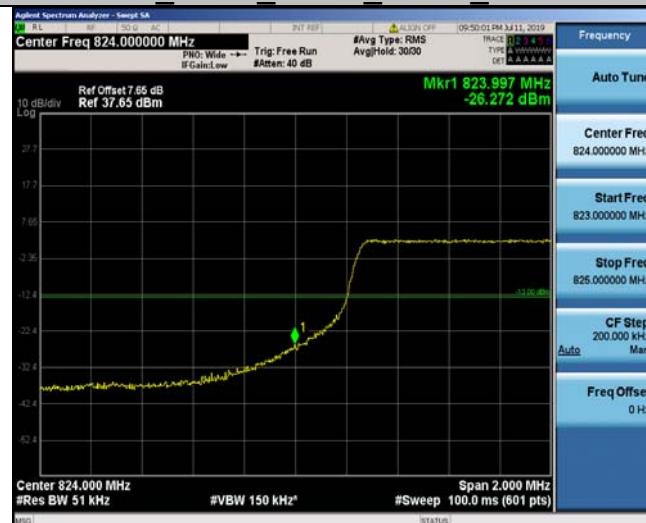




## Band5\_5MHz\_QPSK\_20425\_1RB#0



## Band5 5MHz\_QPSK 20425 25RB#0



## Band5\_5MHz\_QPSK\_20625\_1RB#24



## Band5\_5MHz\_QPSK\_20625\_25RB#0



## Band5\_5MHz\_16QAM\_20425\_1RB#0



## Band5\_5MHz\_16QAM\_20425\_25RB#0



## Band5\_5MHz\_16QAM\_20625\_1RB#24



## Band5\_5MHz\_16QAM\_20625\_25RB#0

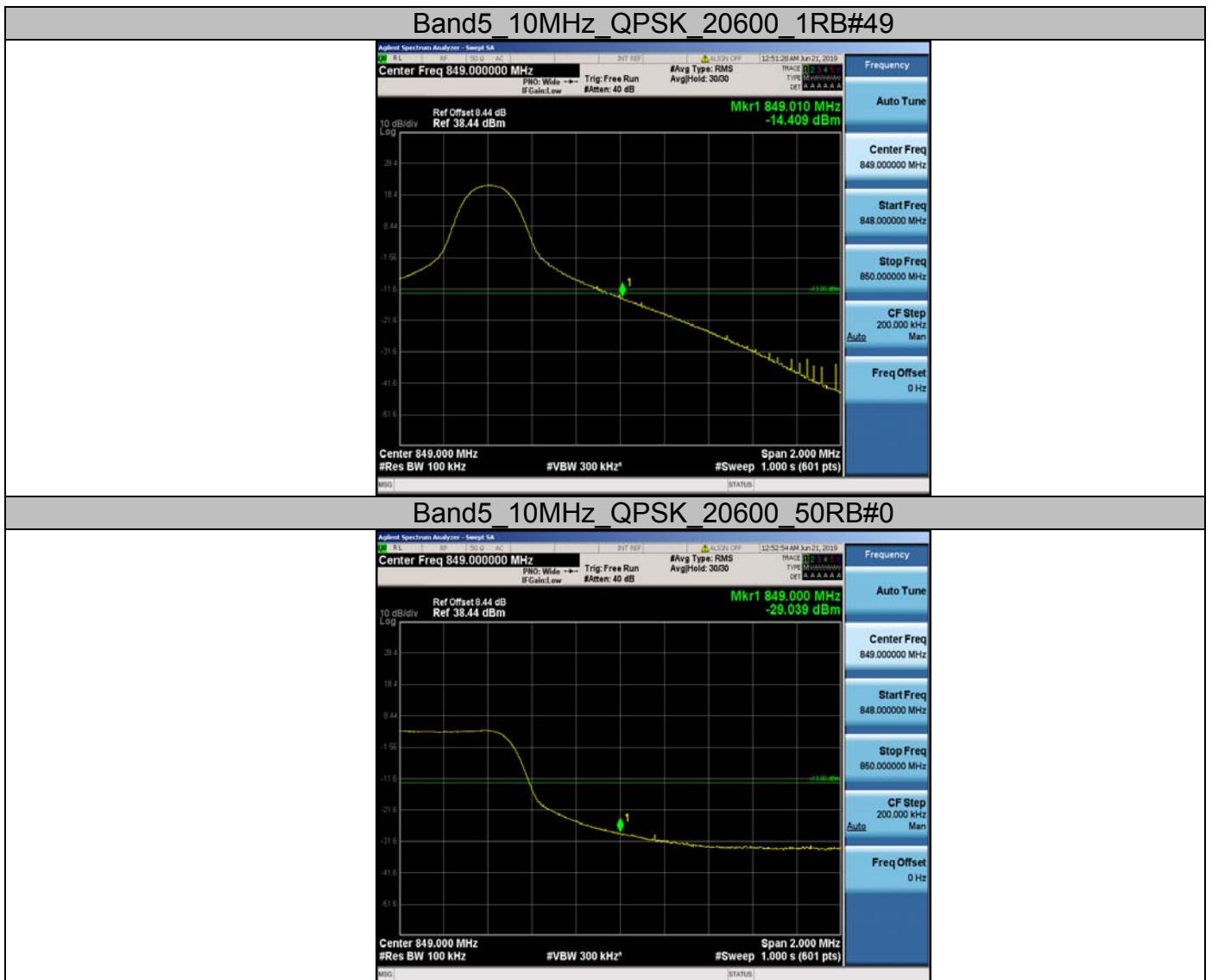


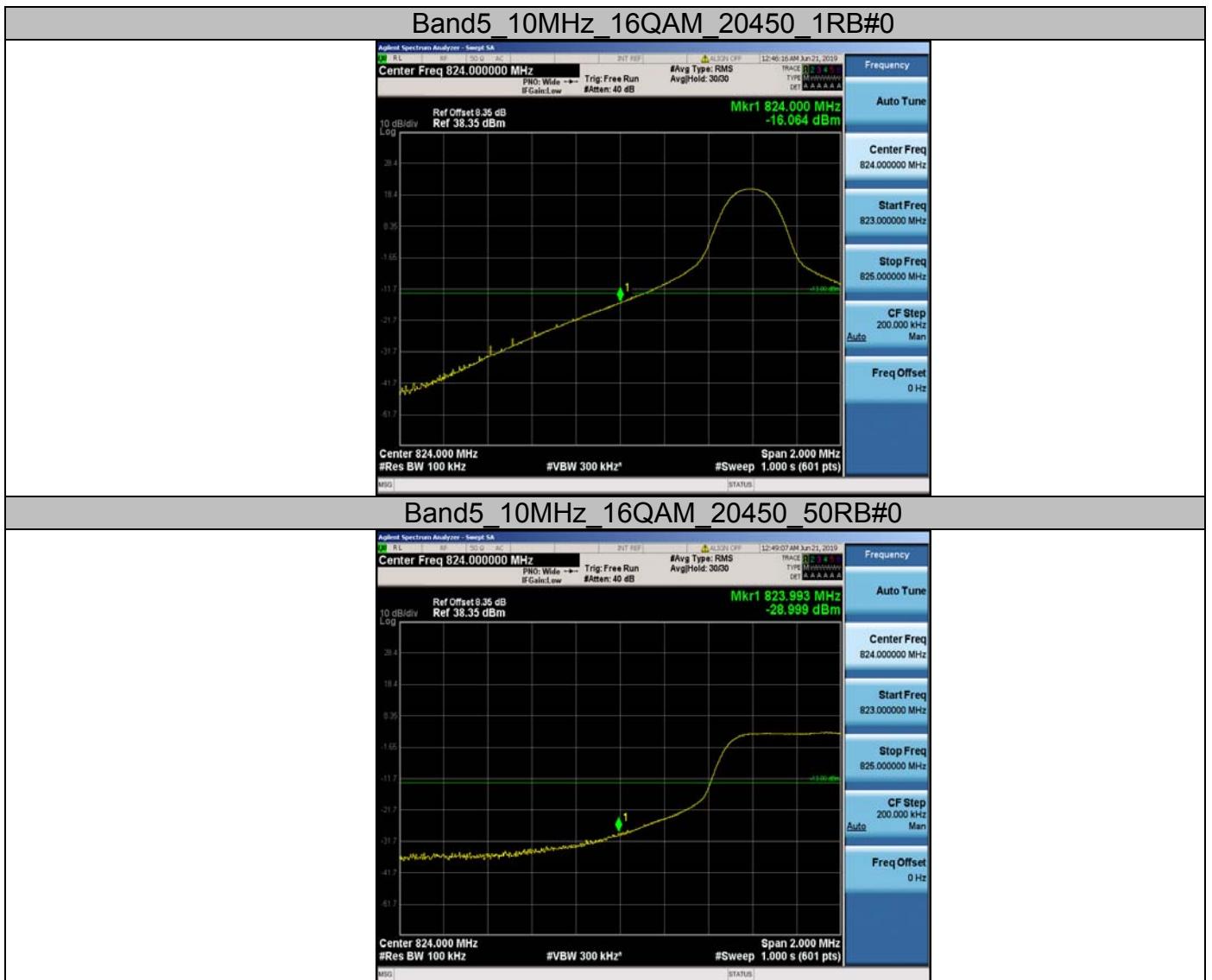
## Band5\_10MHz\_QPSK\_20450\_1RB#0



## Band5 10MHz QPSK 20450 50RB#0







## Band5\_10MHz\_16QAM\_20600\_1RB#49

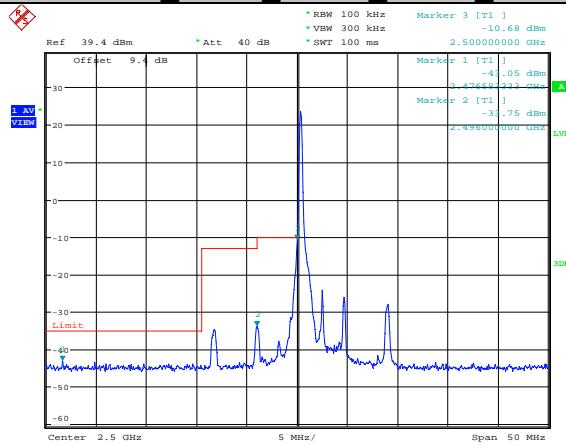


## Band5\_10MHz\_16QAM\_20600\_50RB#0



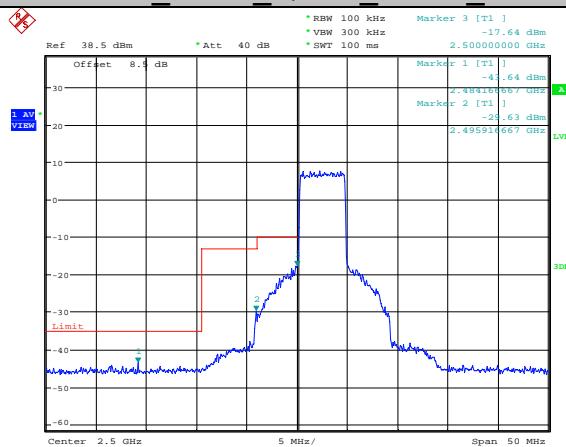
## LTE Band 7:

### Band7\_5MHz\_QPSK\_20775\_1RB#0



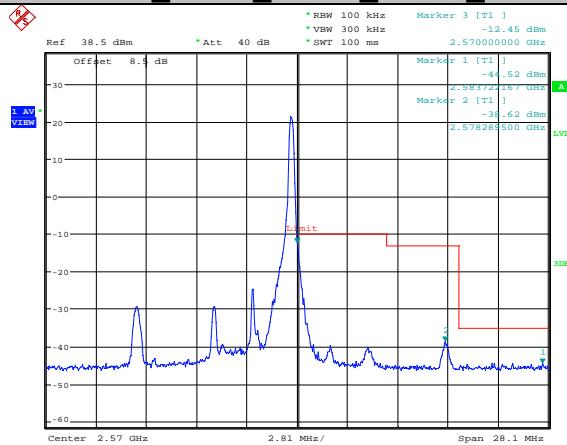
Date: 26.JUN.2019 22:22:12

### Band7\_5MHz\_QPSK\_20775\_25RB#0



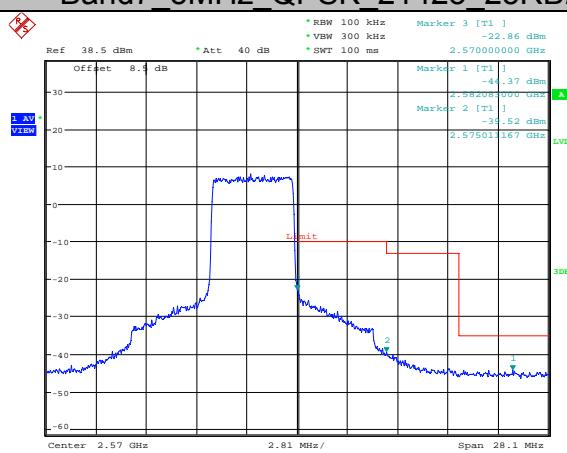
Date: 3.JUL.2019 12:37:13

## Band7\_5MHz\_QPSK\_21425\_1RB#24



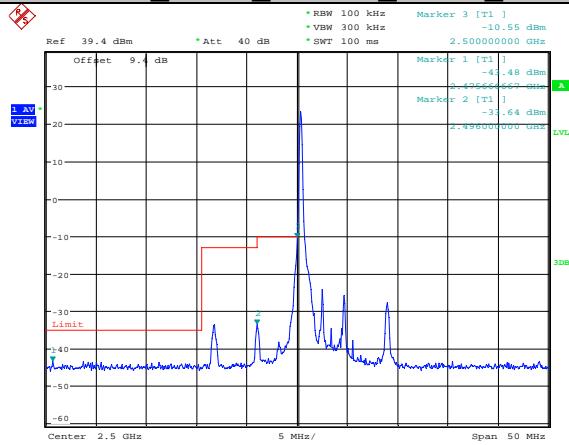
Date: 3.JUL.2019 12:38:08

## Band7\_5MHz\_QPSK\_21425\_25RB#0



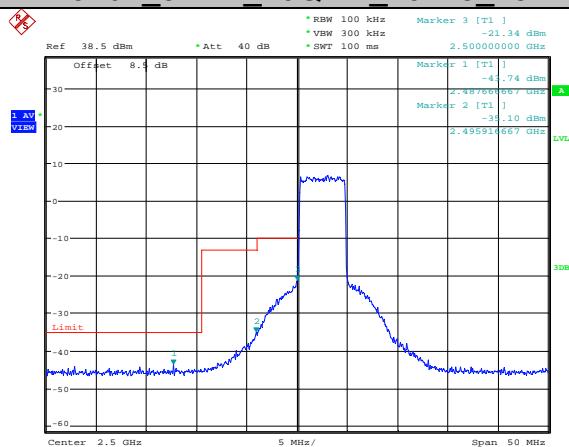
Date: 3.JUL.2019 12:38:28

## Band7\_5MHz\_16QAM\_20775\_1RB#0



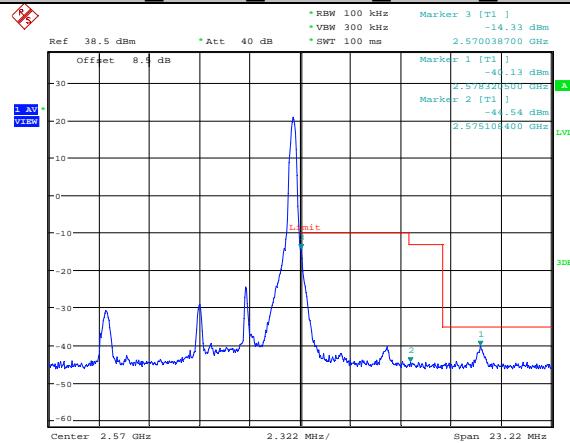
Date: 26.JUN.2019 22:22:22

## Band7\_5MHz\_16QAM\_20775\_25RB#0



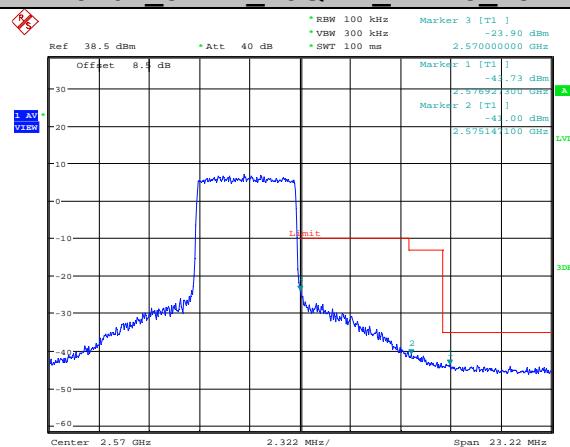
Date: 3.JUL.2019 12:37:23

## Band7\_5MHz\_16QAM\_21425\_1RB#24



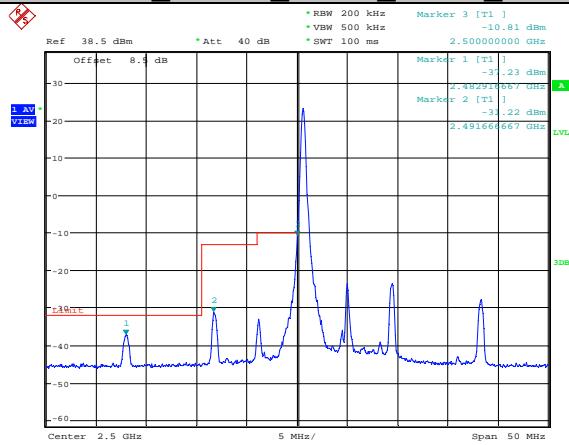
Date: 3.JUL.2019 12:38:18

## Band7\_5MHz\_16QAM\_21425\_25RB#0



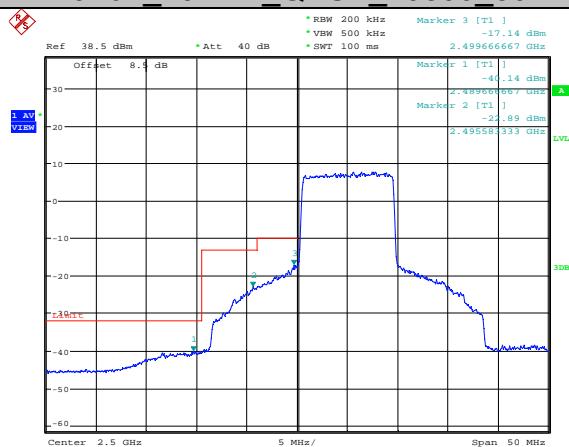
Date: 3.JUL.2019 12:38:39

## Band7\_10MHz\_QPSK\_20800\_1RB#0



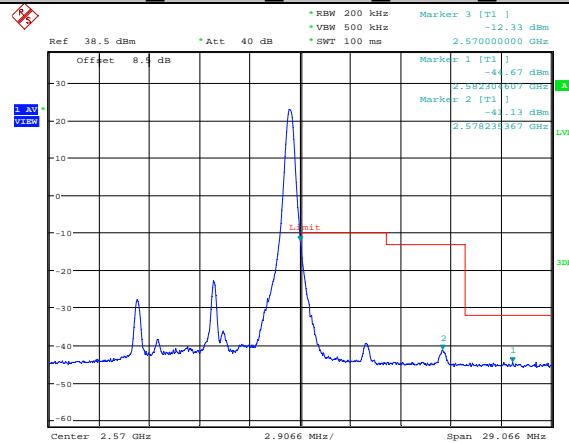
Date: 3.JUL.2019 12:43:11

## Band7\_10MHz\_QPSK\_20800\_50RB#0



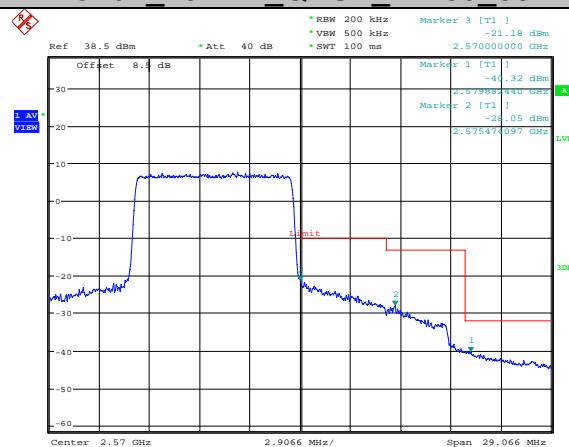
Date: 3.JUL.2019 12:43:53

## Band7\_10MHz\_QPSK\_21400\_1RB#49



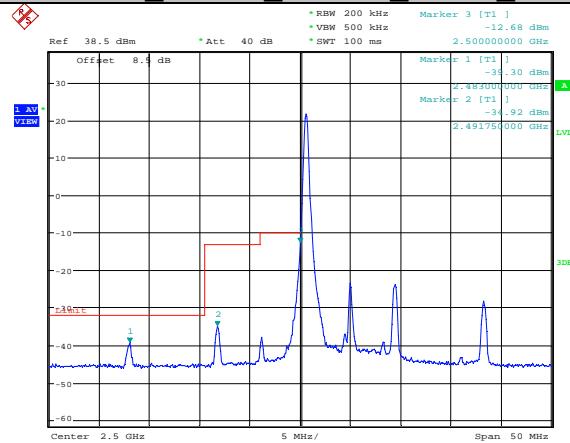
Date: 3.JUL.2019 12:44:49

## Band7\_10MHz\_QPSK\_21400\_50RB#0



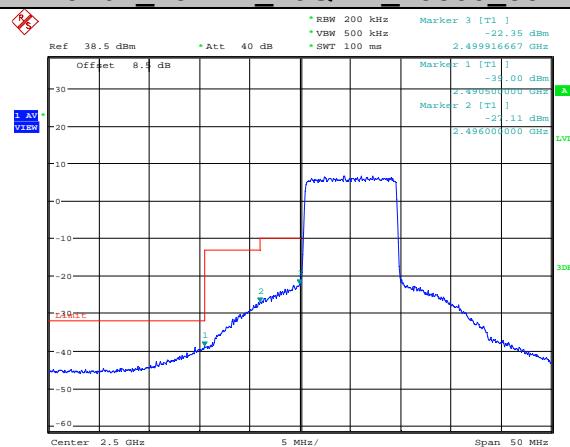
Date: 3.JUL.2019 12:45:10

## Band7\_10MHz\_16QAM\_20800\_1RB#0



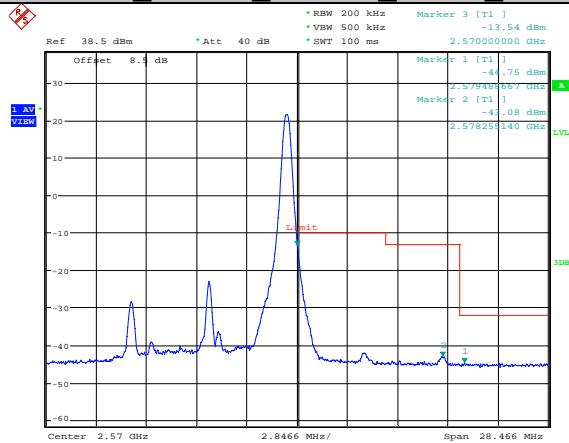
Date: 3.JUL.2019 12:43:21

## Band7\_10MHz\_16QAM\_20800\_50RB#0



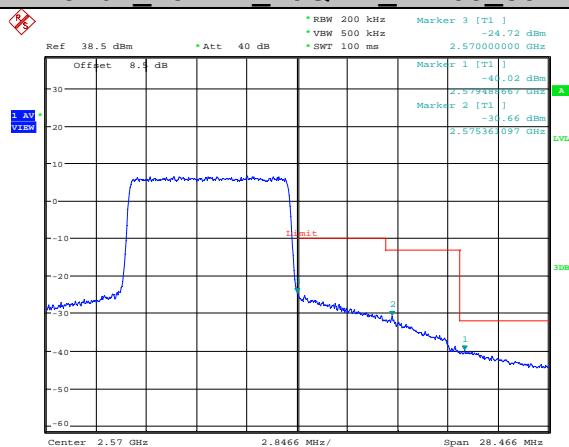
Date: 3.JUL.2019 12:44:04

## Band7\_10MHz\_16QAM\_21400\_1RB#49



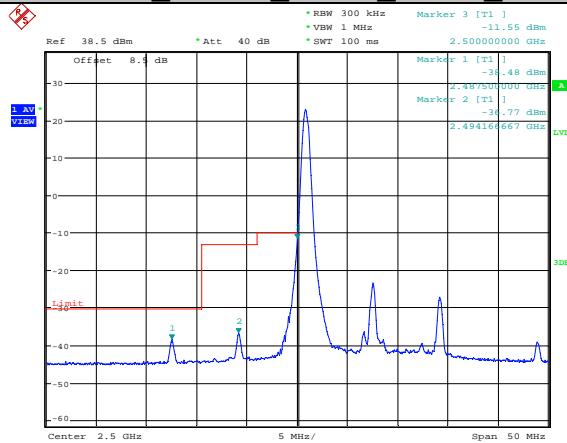
Date: 3.JUL.2019 12:44:59

## Band7\_10MHz\_16QAM\_21400\_50RB#0



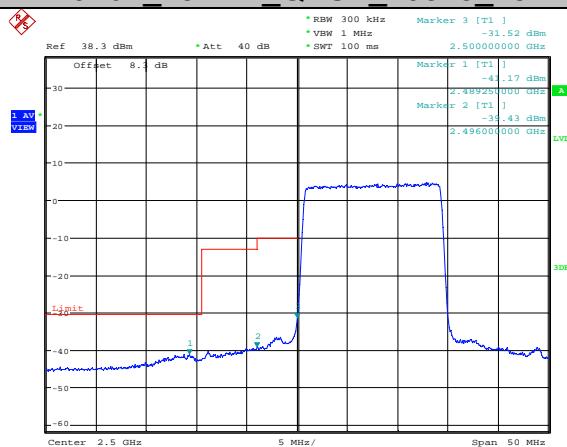
Date: 3.JUL.2019 12:45:21

## Band7\_15MHz\_QPSK\_20825\_1RB#0



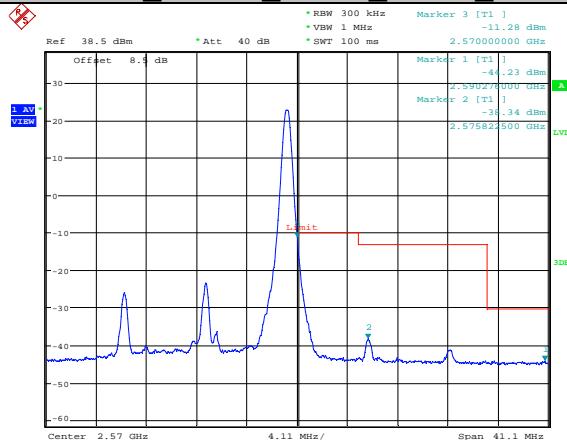
Date: 3.JUL.2019 13:12:20

## Band7\_15MHz\_QPSK\_20825\_75RB#0



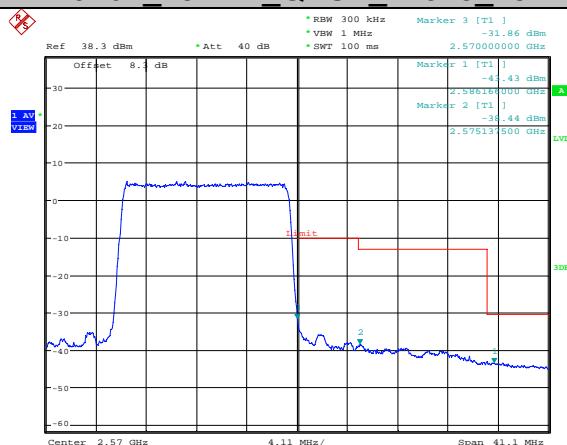
Date: 9.JUL.2019 17:15:56

## Band7\_15MHz\_QPSK\_21375\_1RB#74



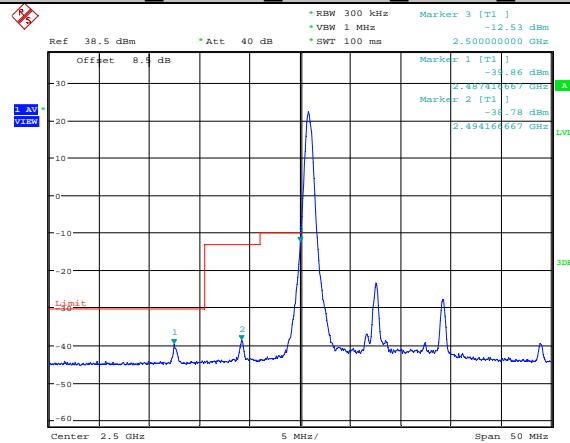
Date: 3.JUL.2019 13:14:01

## Band7\_15MHz\_QPSK\_21375\_75RB#0



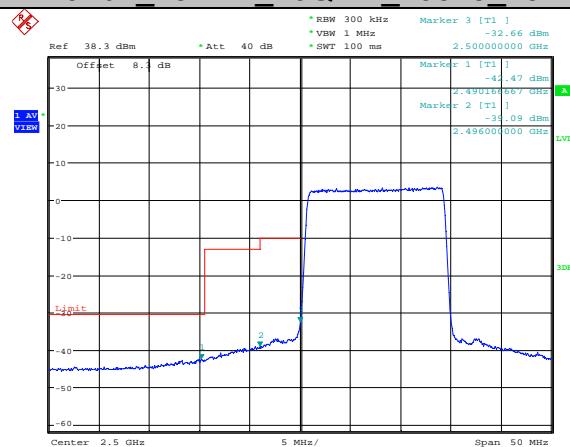
Date: 9.JUL.2019 17:17:16

## Band7\_15MHz\_16QAM\_20825\_1RB#0



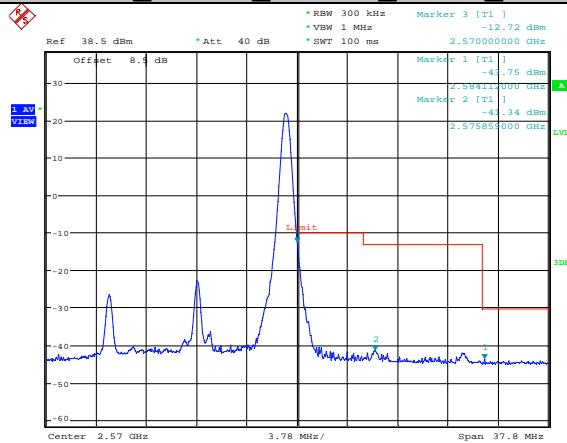
Date: 3.JUL.2019 13:12:31

## Band7\_15MHz\_16QAM\_20825\_75RB#0



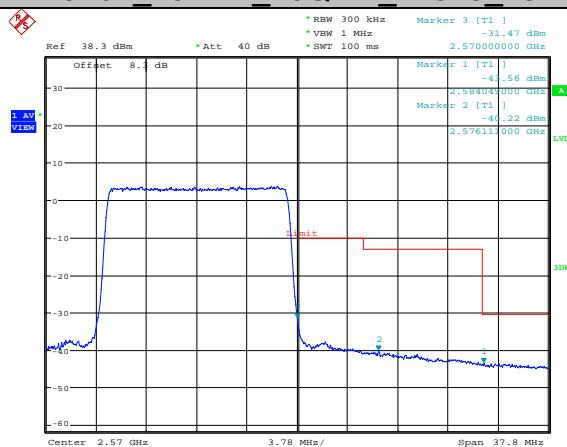
Date: 9.JUL.2019 17:16:08

## Band7\_15MHz\_16QAM\_21375\_1RB#74



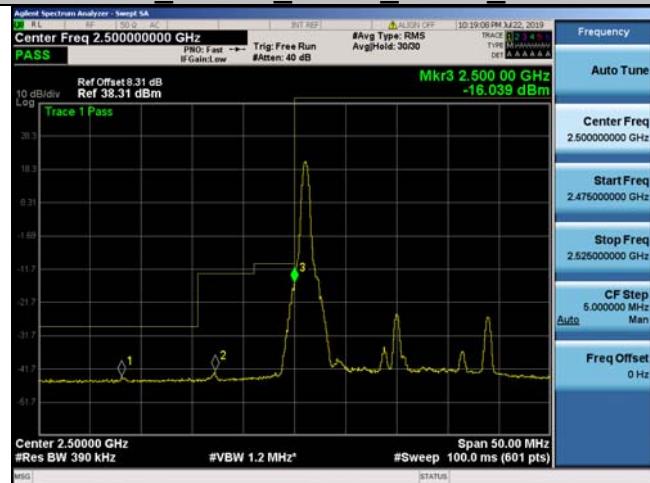
Date: 3.JUL.2019 13:14:12

## Band7\_15MHz\_16QAM\_21375\_75RB#0



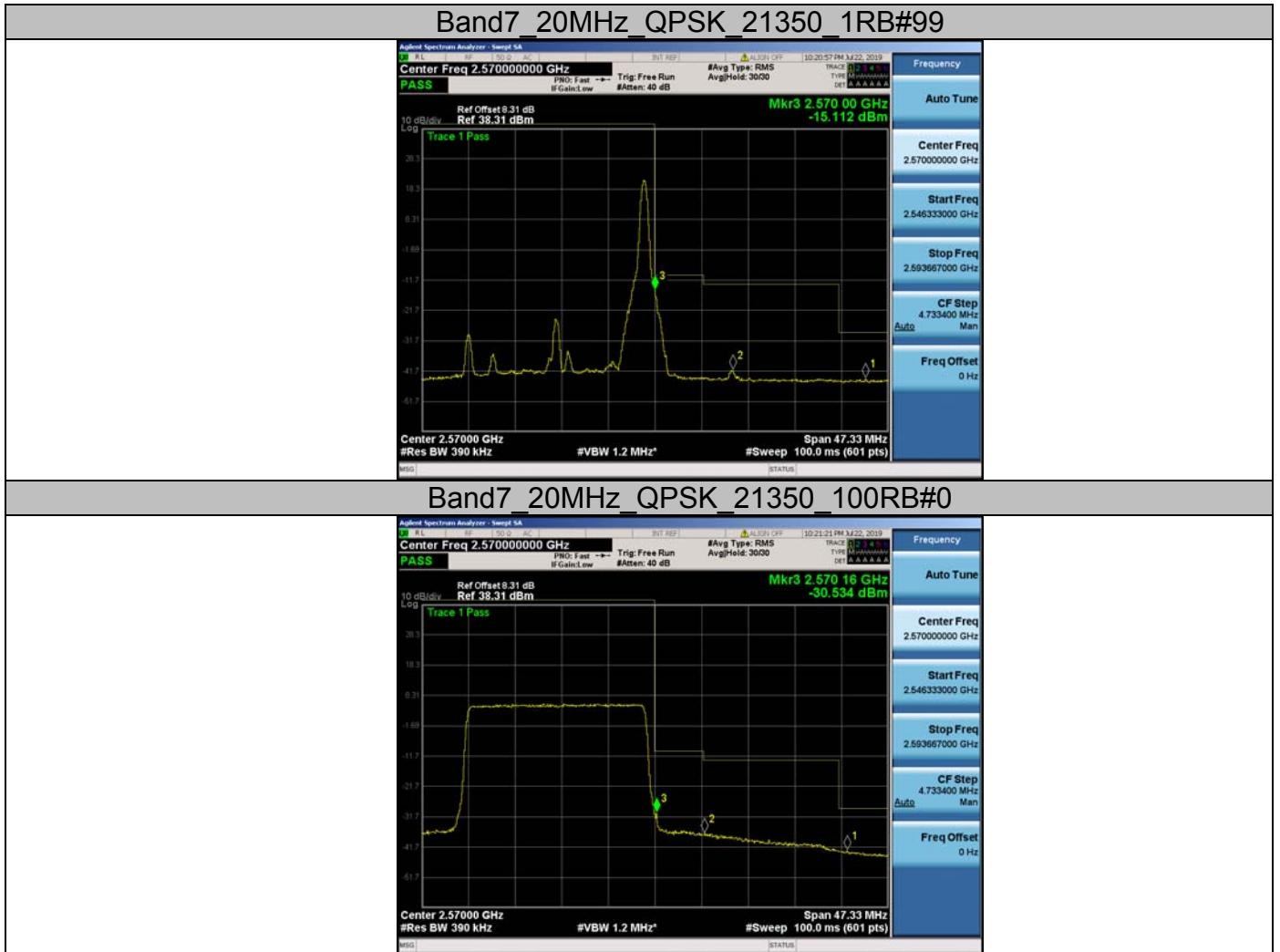
Date: 9.JUL.2019 17:17:27

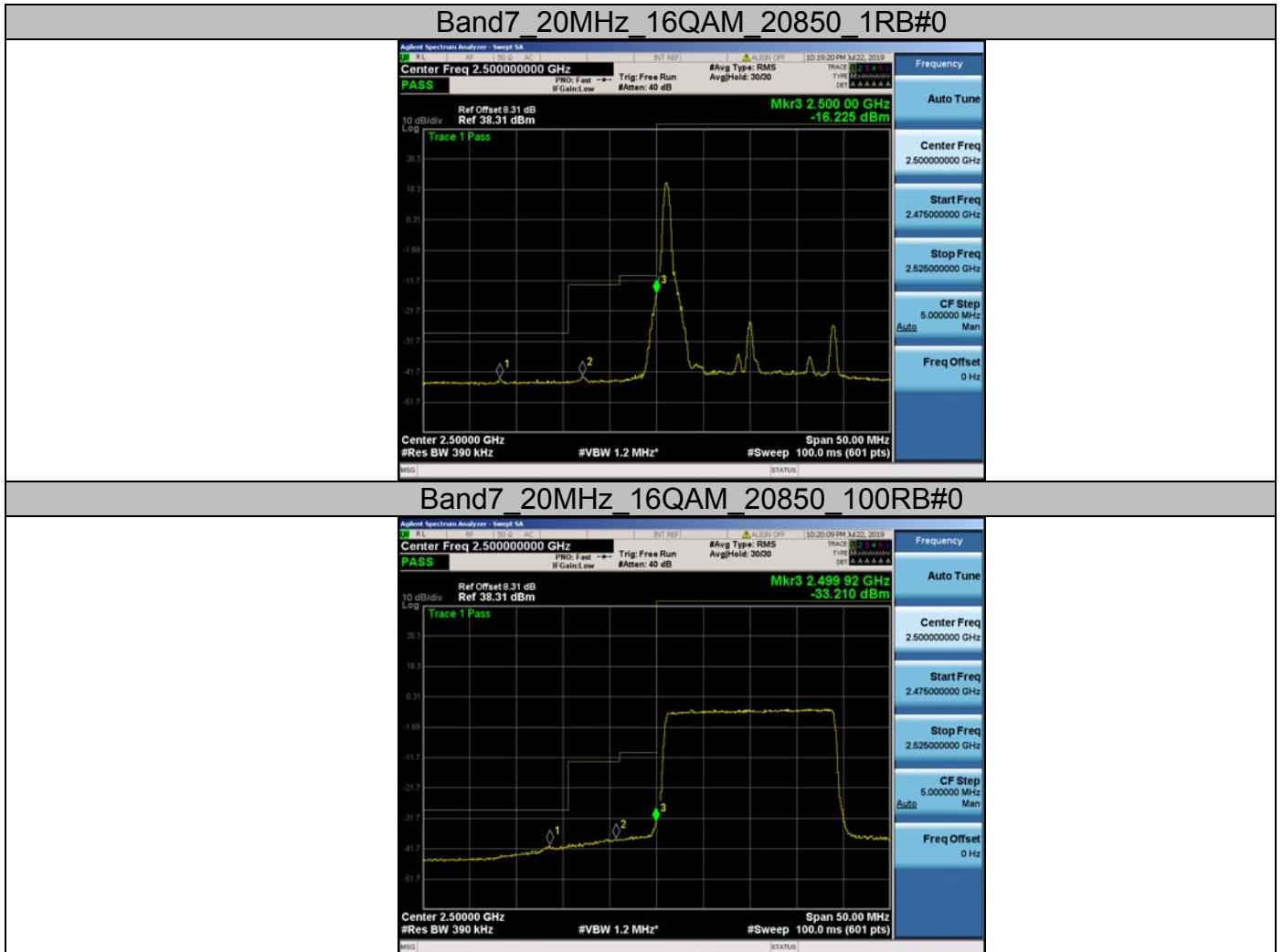
## Band7\_20MHz\_QPSK\_20850\_1RB#0

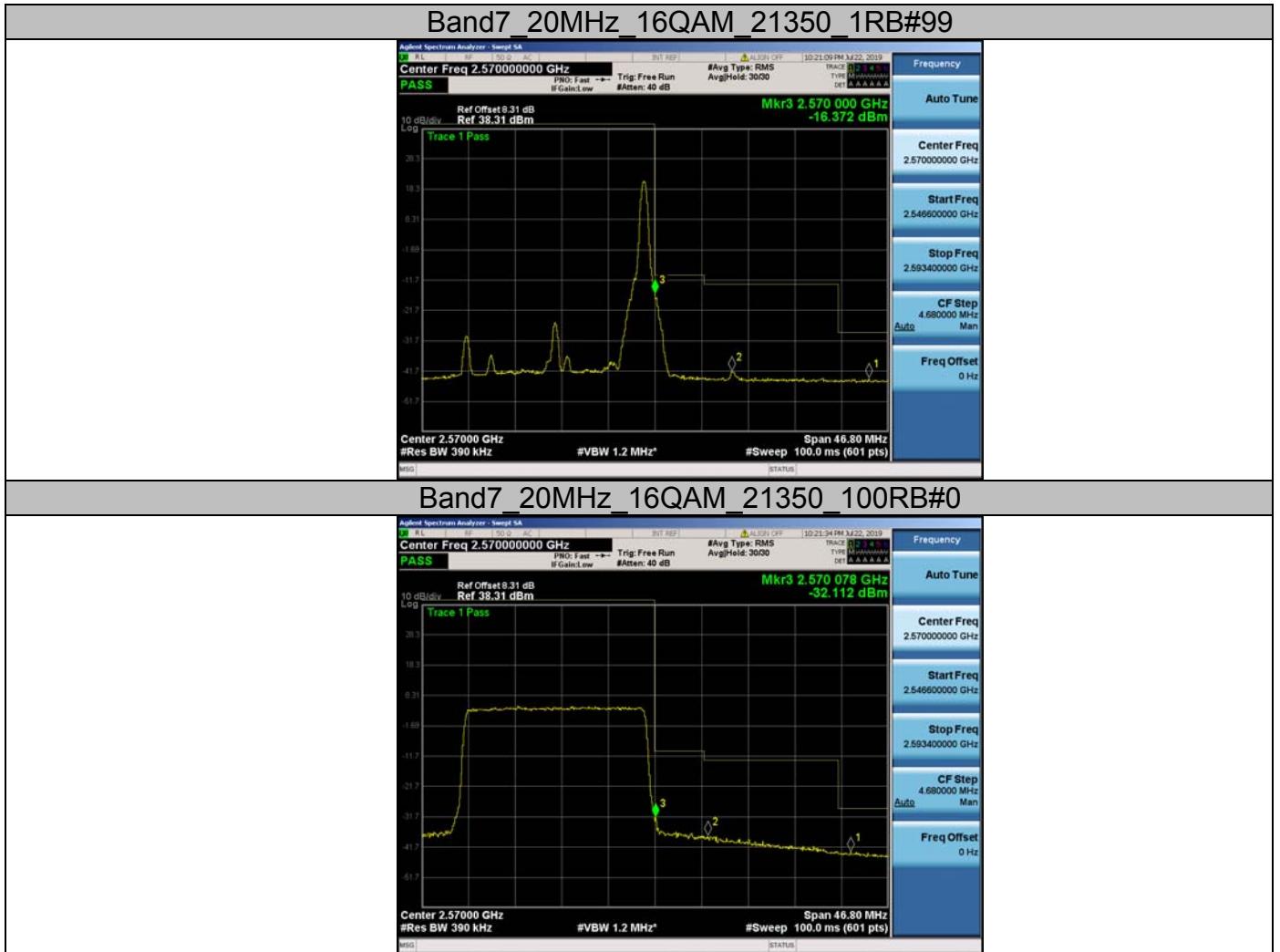


## Band7\_20MHz\_QPSK\_20850\_100RB#0



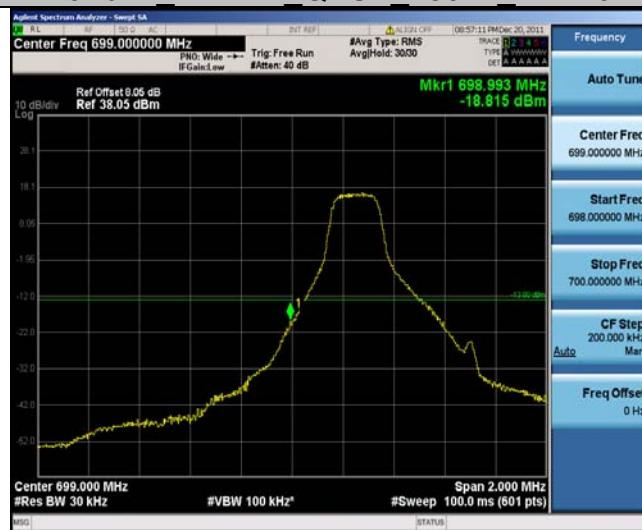






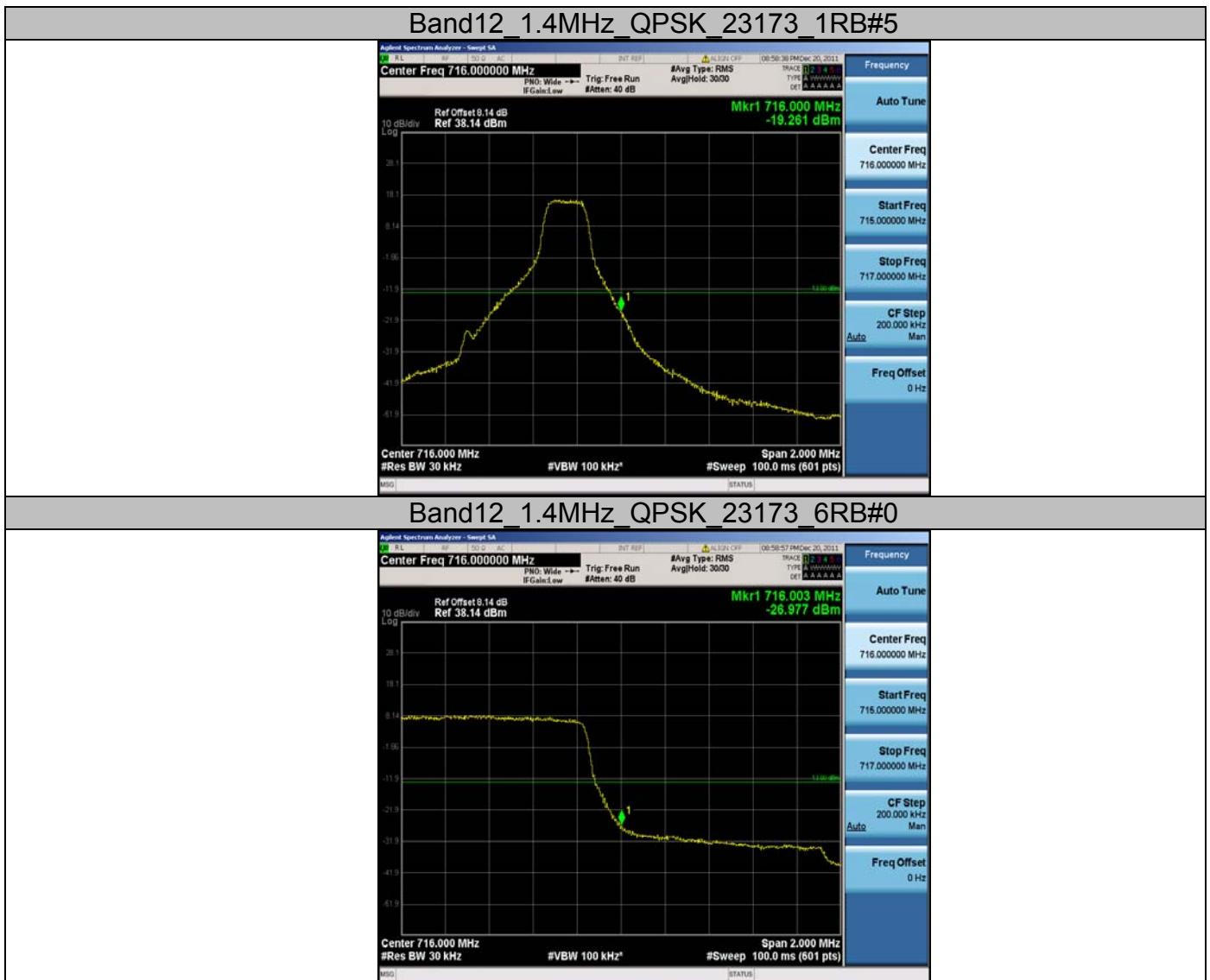
LTE Band 12:

Band12\_1.4MHz\_QPSK\_23017\_1RB#0



Band12\_1.4MHz\_QPSK\_23017\_6RB#0





## Band12\_1.4MHz\_16QAM\_23017\_1RB#0



## Band12\_1.4MHz\_16QAM\_23017\_6RB#0



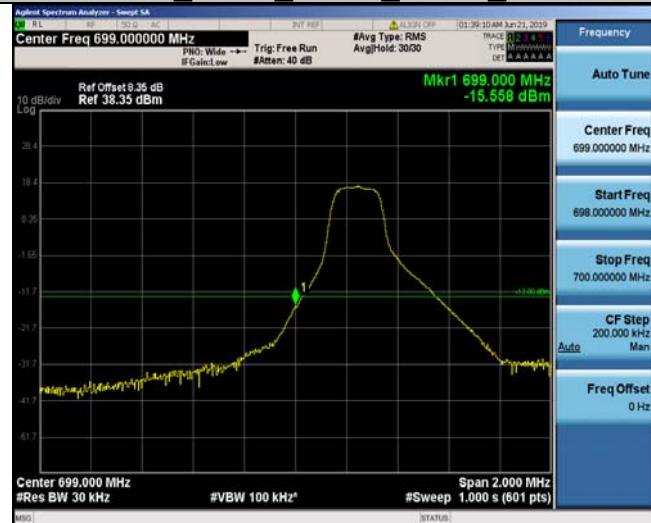
## Band12\_1.4MHz\_16QAM\_23173\_1RB#5



## Band12\_1.4MHz\_16QAM\_23173\_6RB#0



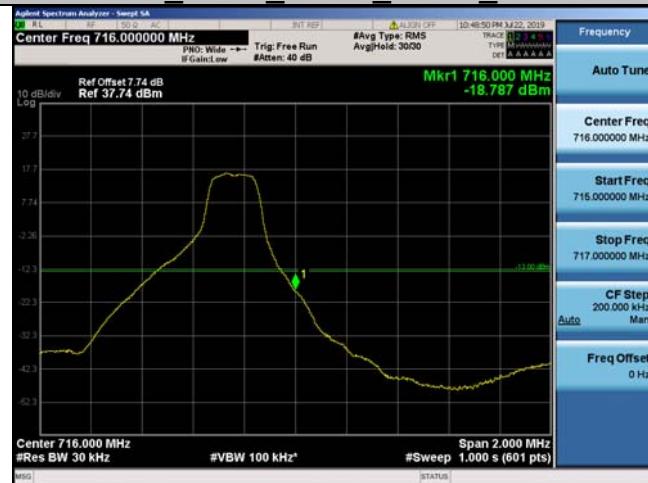
## Band12\_3MHz\_QPSK\_23025\_1RB#0



## Band12\_3MHz\_QPSK\_23025\_15RB#0

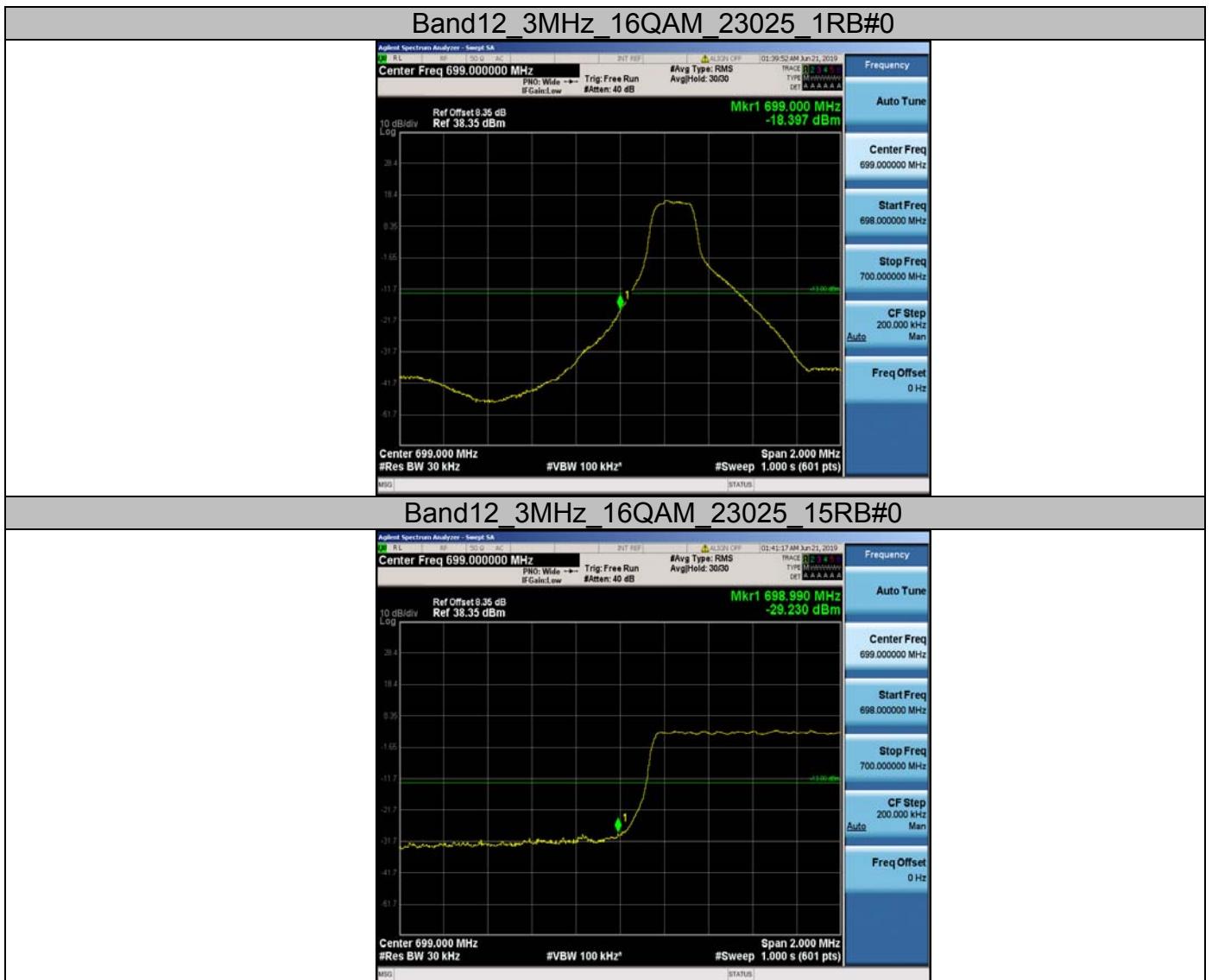


### Band12\_3MHz\_QPSK\_23165\_1RB#14



### Band12\_3MHz\_QPSK\_23165\_15RB#0





## Band12\_3MHz\_16QAM\_23165\_1RB#14



## Band12\_3MHz\_16QAM\_23165\_15RB#0



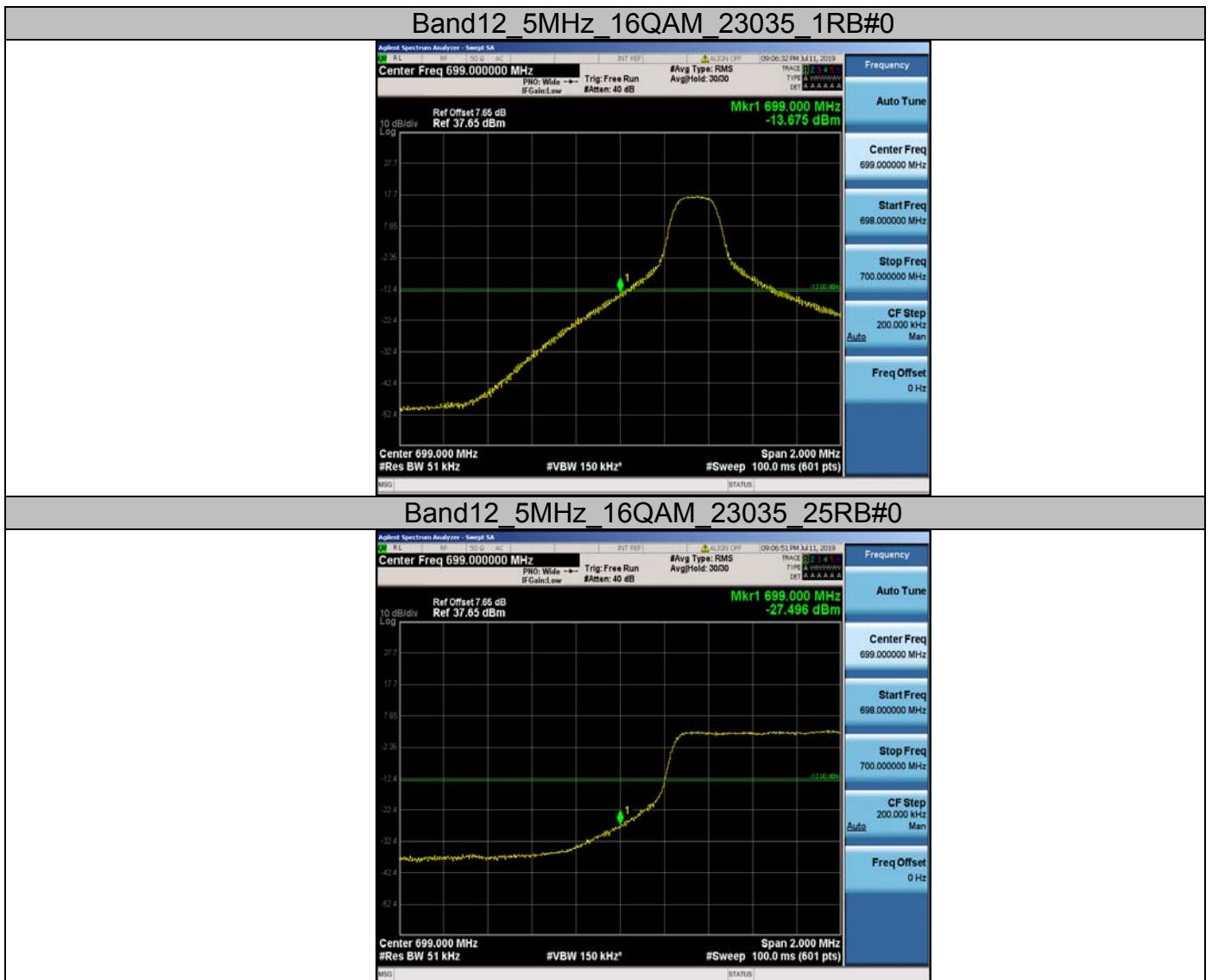
## Band12\_5MHz\_QPSK\_23035\_1RB#0



## Band12\_5MHz\_QPSK\_23035\_25RB#0





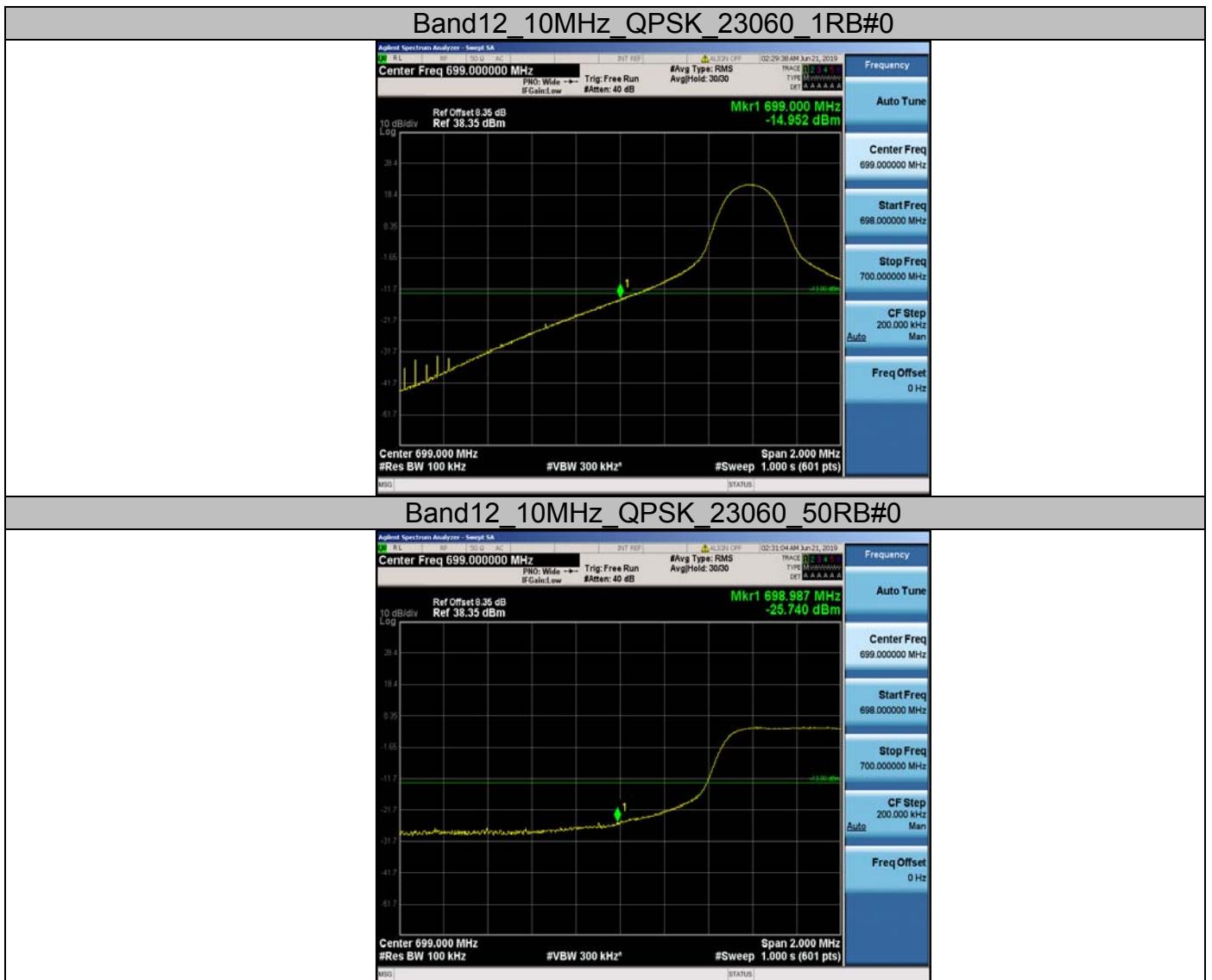


## Band12\_5MHz\_16QAM\_23155\_1RB#24



## Band12\_5MHz\_16QAM\_23155\_25RB#0





## Band12\_10MHz\_QPSK\_23130\_1RB#49



## Band12\_10MHz\_QPSK\_23130\_50RB#0



## Band12\_10MHz\_16QAM\_23060\_1RB#0



## Band12\_10MHz\_16QAM\_23060\_50RB#0



## Band12\_10MHz\_16QAM\_23130\_1RB#49

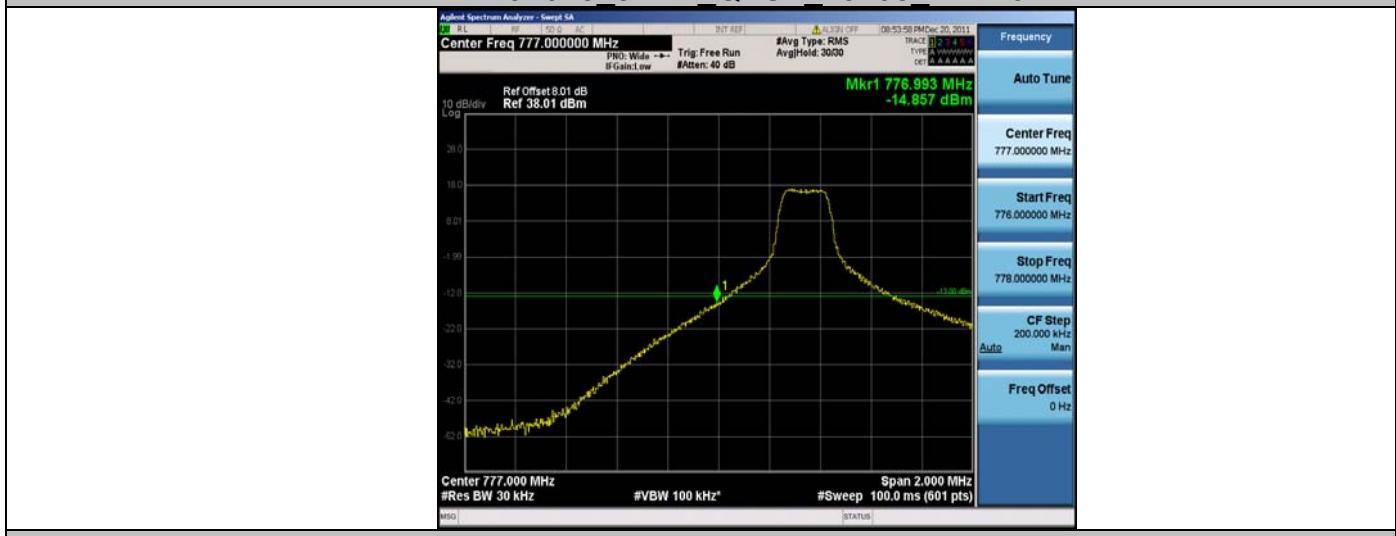


## Band12\_10MHz\_16QAM\_23130\_50RB#0



LTE Band 13:

Band13 5MHz QPSK 23205 1RB#0



Band13 5MHz QPSK 23205 25RB#0



### Band13\_5MHz\_QPSK\_23255\_1RB#24



### Band13\_5MHz\_QPSK\_23255\_25RB#0

