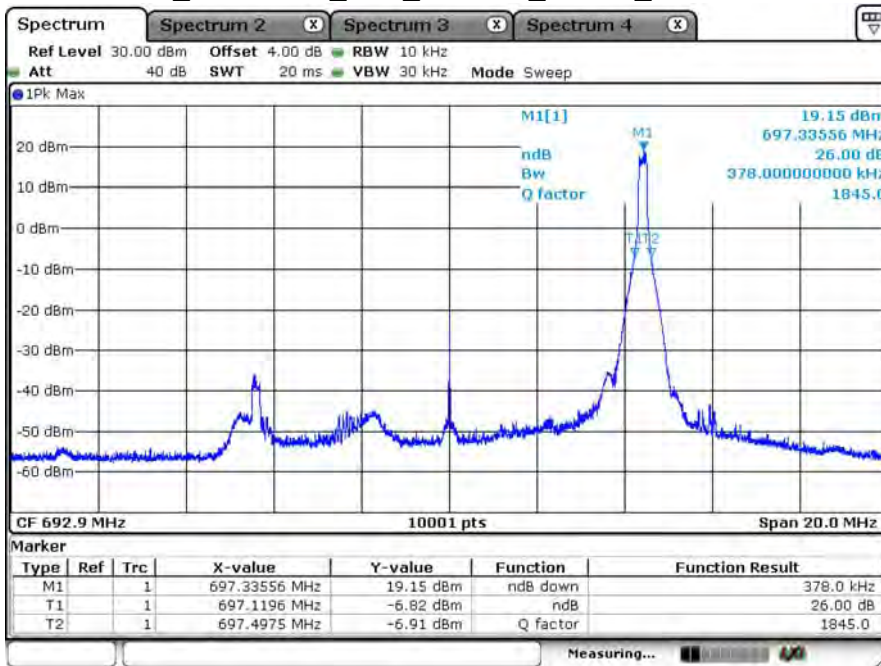
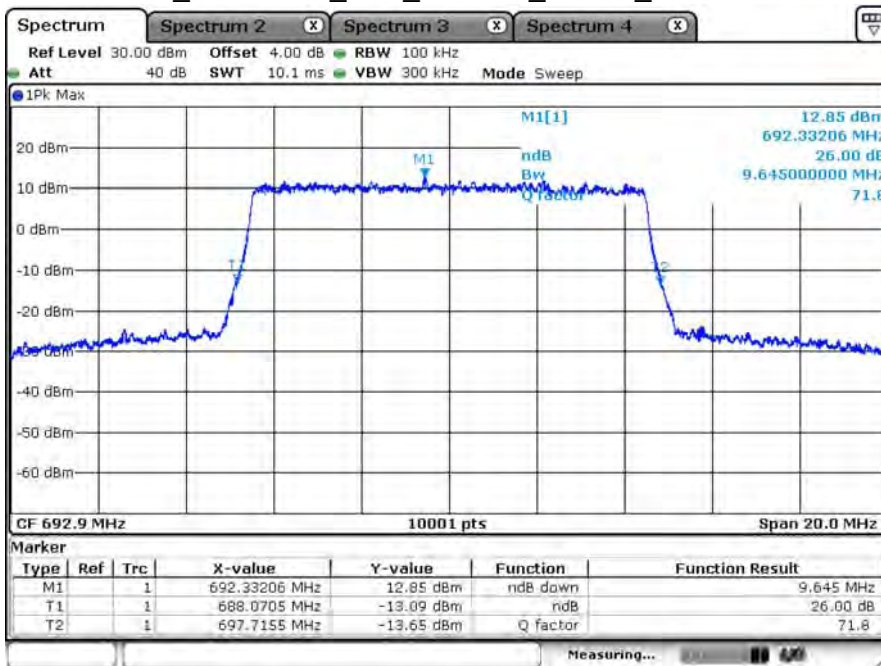


B71_CH133421_10M_16-QAM_1RB49_26dB BW



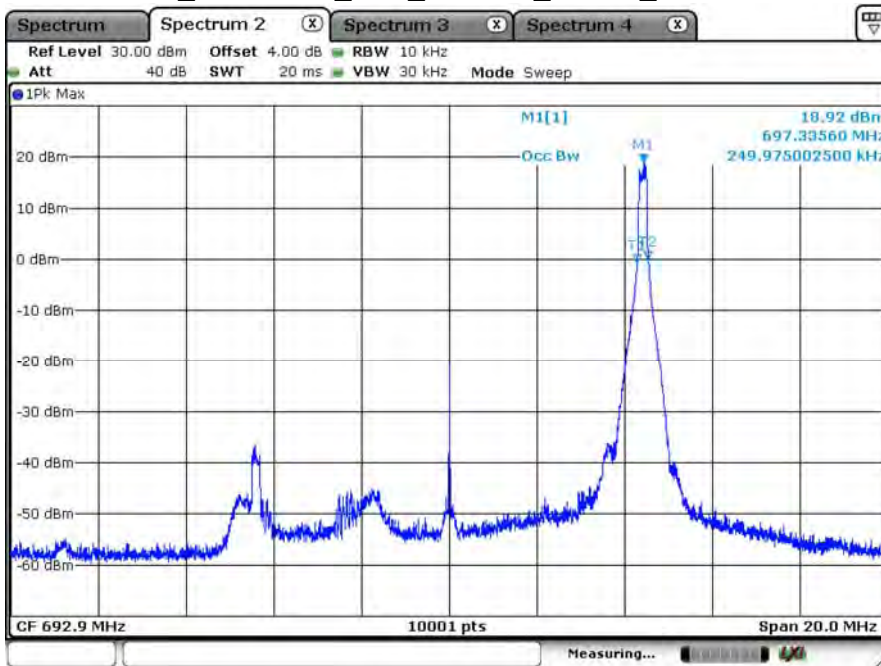
Date: 14 AUG 2019 11:35:44

B71_CH133421_10M_16-QAM_50RB0_26dB BW



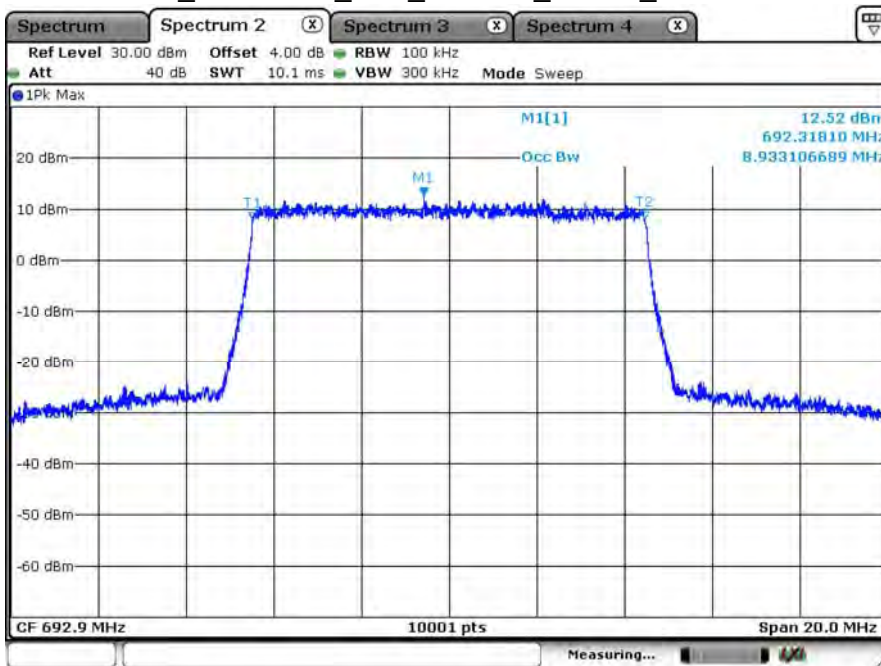
Date: 14 AUG 2019 13:14:38

B71_CH133421_10M_16-QAM_1RB49_99% BW



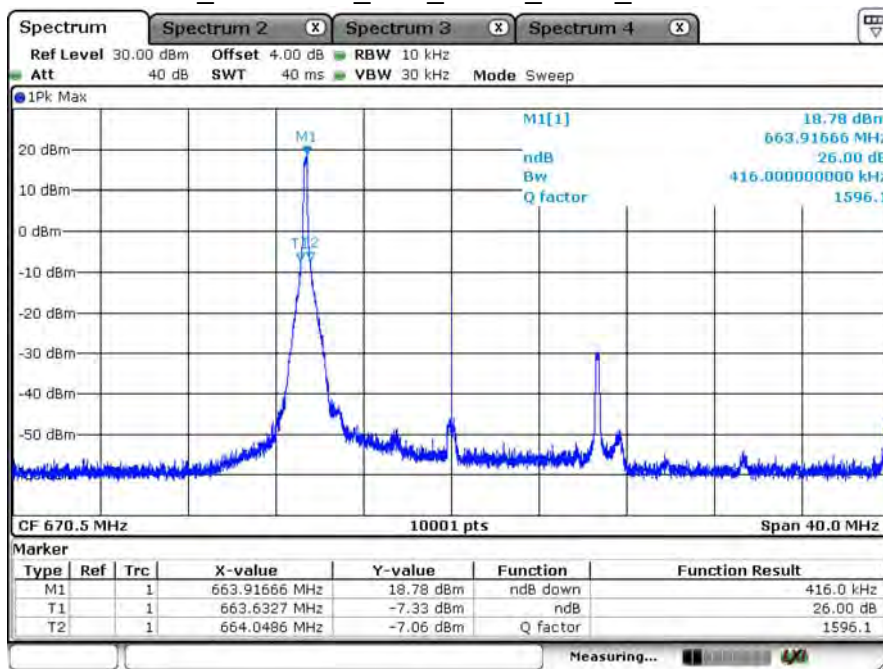
Date: 14 AUG 2019 11:37:13

B71_CH133421_10M_16-QAM_50RB0_99% BW



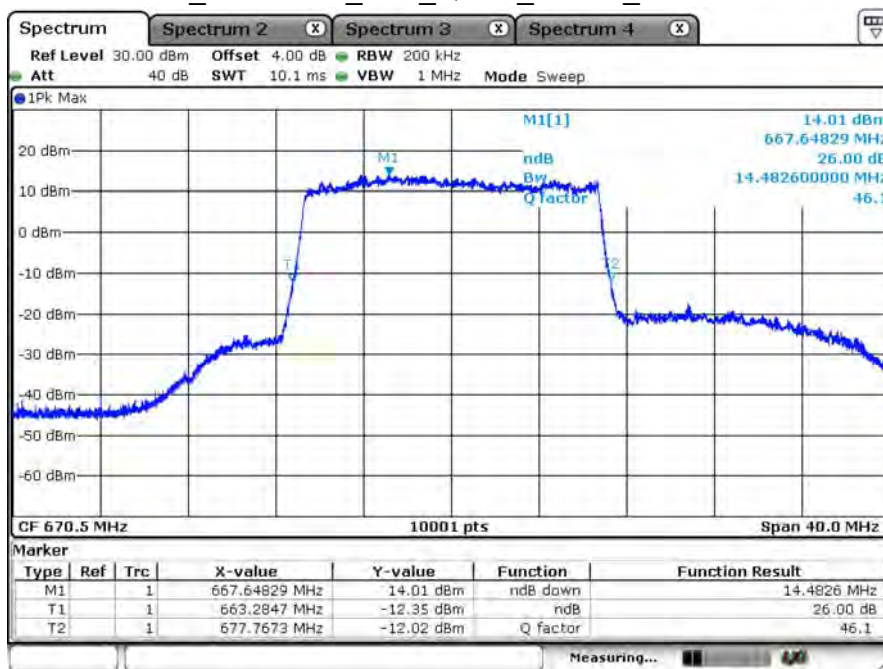
Date: 14 AUG 2019 13:12:37

B71_CH133197_15M_QPSK_1RB0_26dB BW



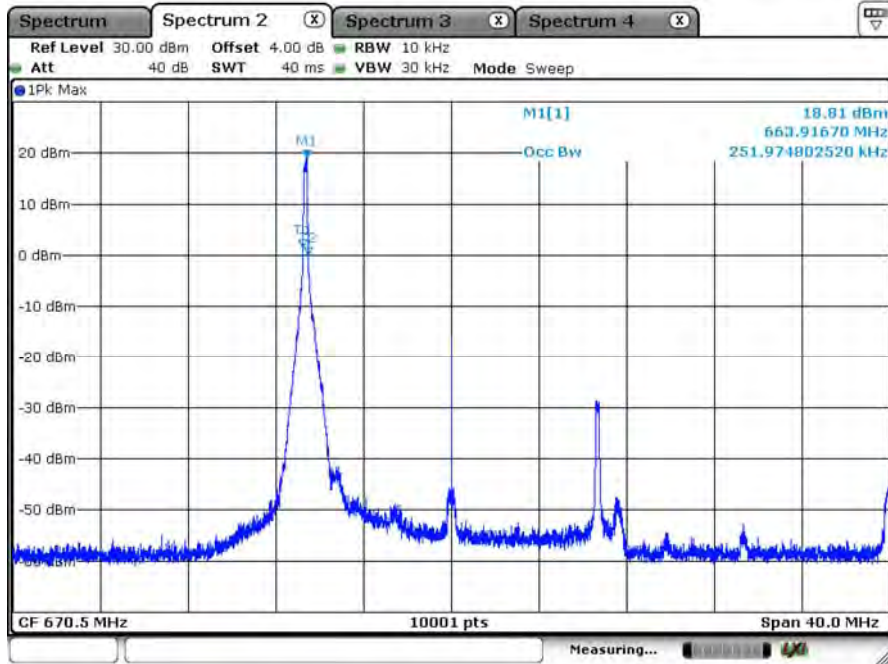
Date: 14 AUG 2019 14:06:24

B71_CH133197_15M_QPSK_75RB0_26dB BW



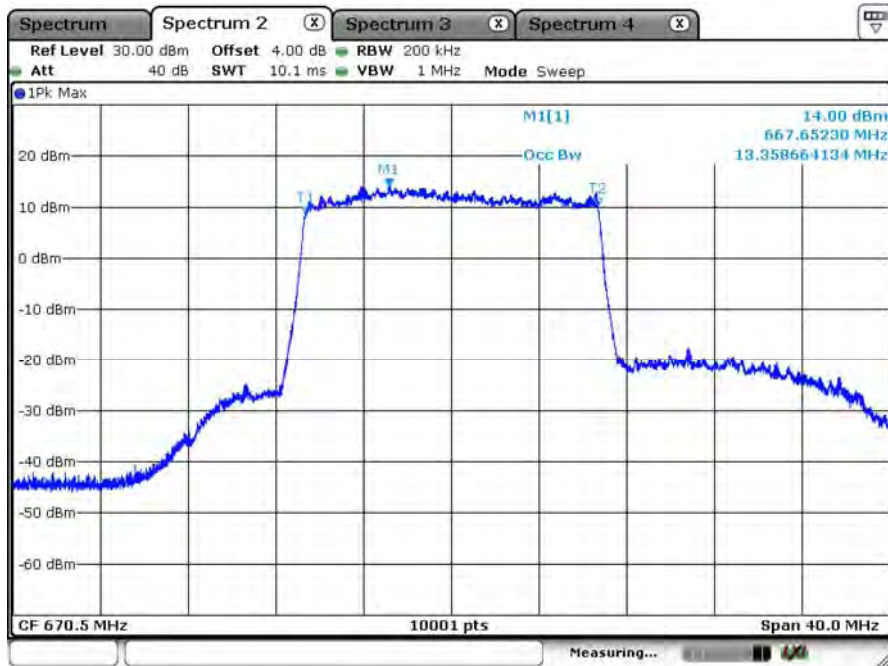
Date: 14 AUG 2019 15:31:00

B71_CH133197_15M_QPSK_1RB0_99% BW



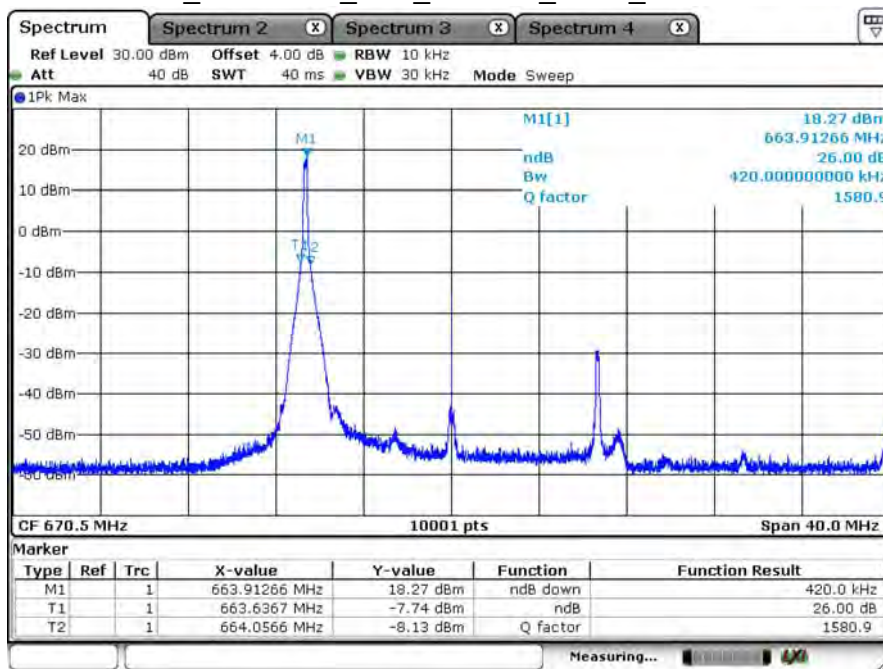
Date: 14 AUG 2019 14:07:13

B71_CH133197_15M_QPSK_75RB0_99% BW



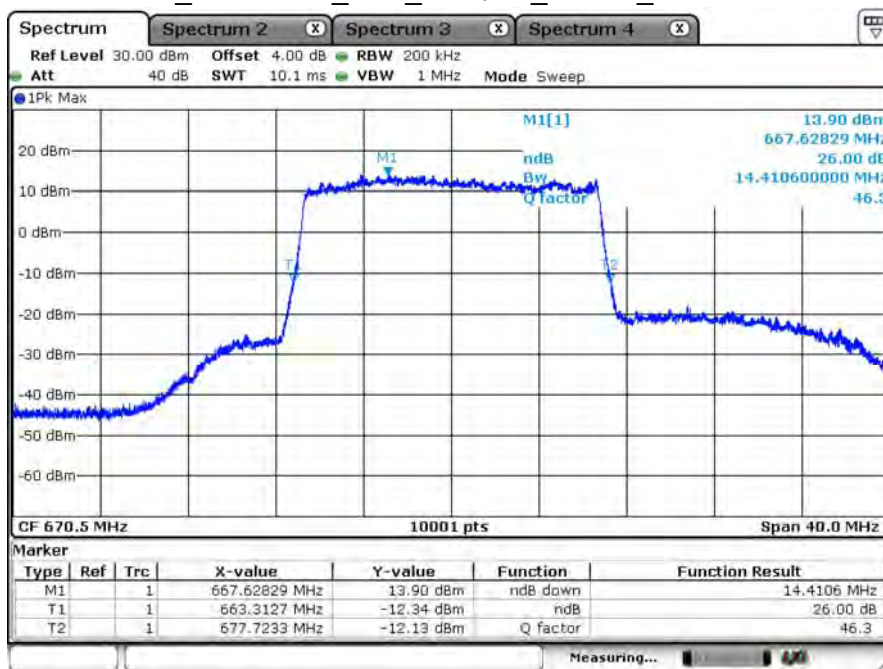
Date: 14 AUG 2019 15:29:42

B71_CH133197_15M_16-QAM_1RB0_26dB BW



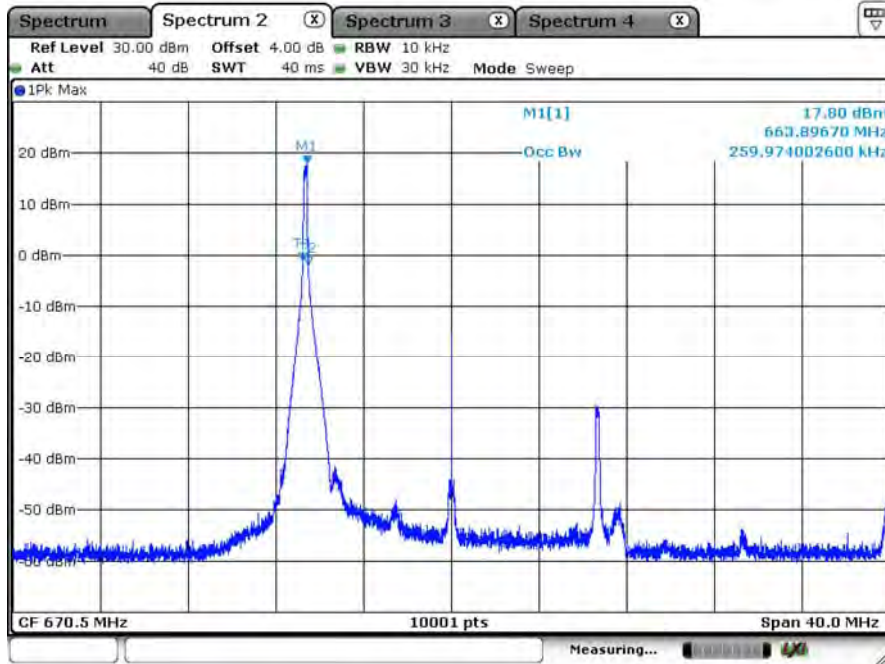
Date: 14 AUG 2019 14:13:21

B71_CH133197_15M_16-QAM_75RB0_26dB BW



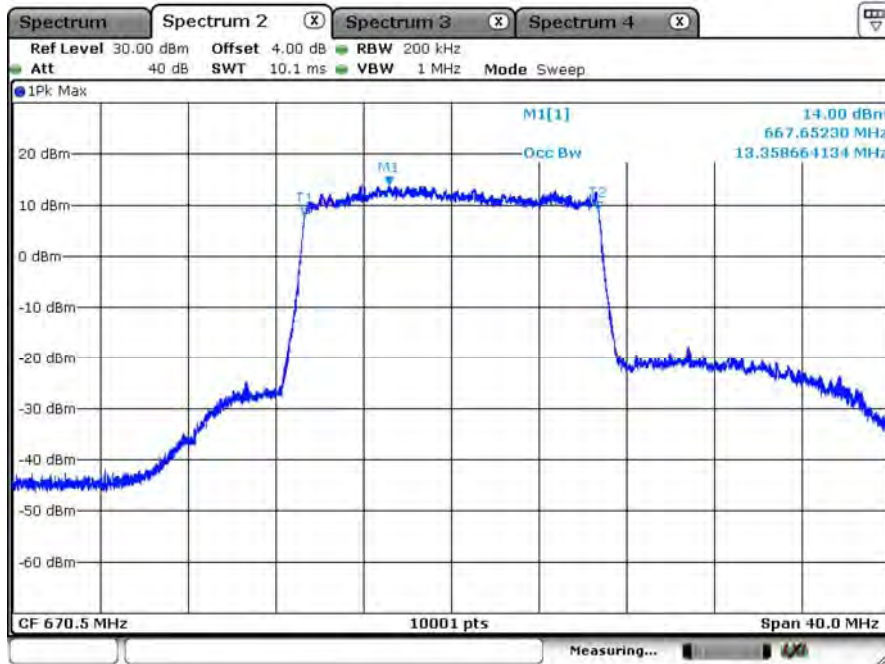
Date: 14 AUG 2019 15:19:46

B71_CH133197_15M_16-QAM_1RB0_99% BW



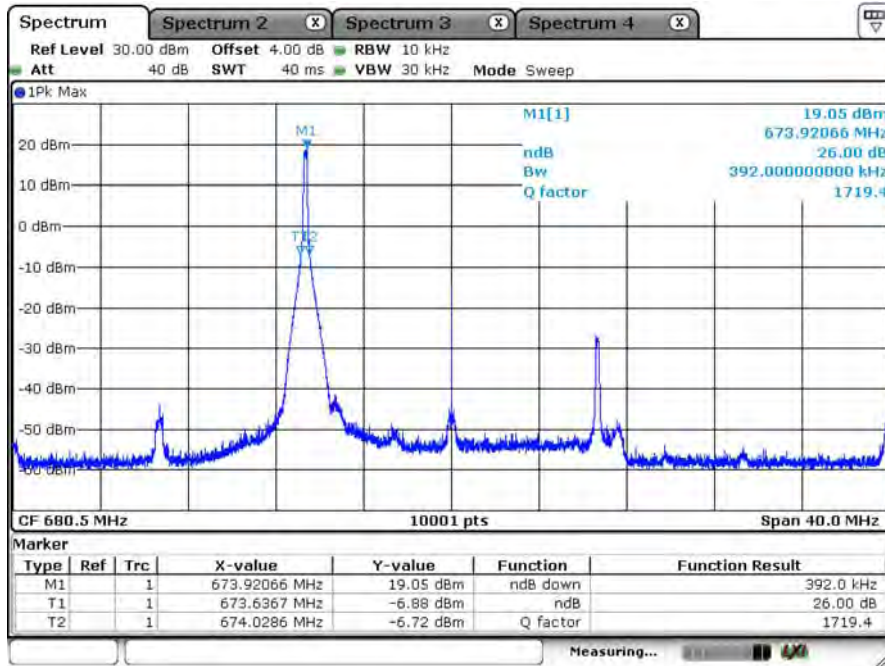
Date: 14 AUG 2019 14:11:58

B71_CH133197_15M_16-QAM_75RB0_99% BW



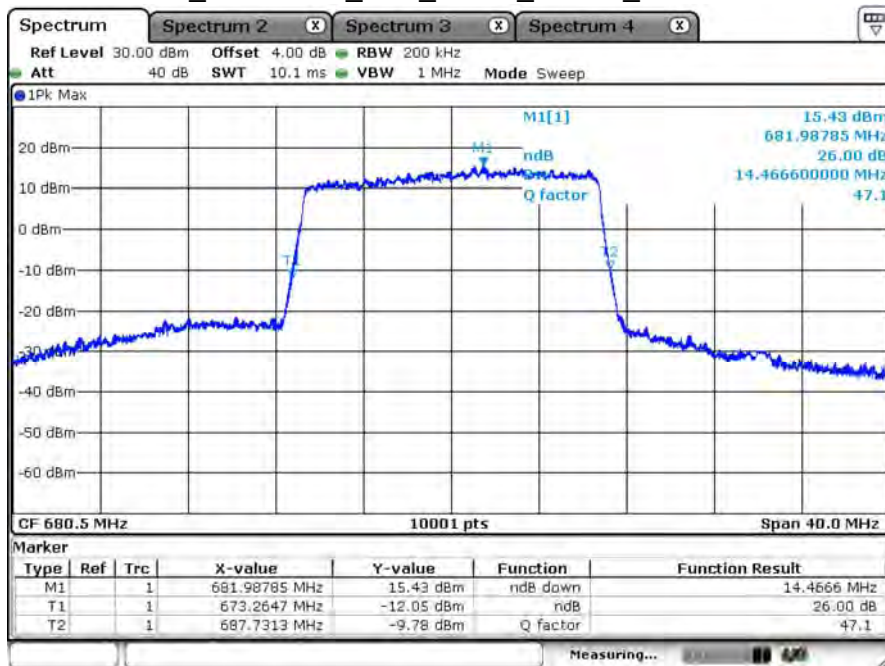
Date: 14 AUG 2019 15:20:59

B71_CH133297_15M_QPSK_1RB0_26dB BW



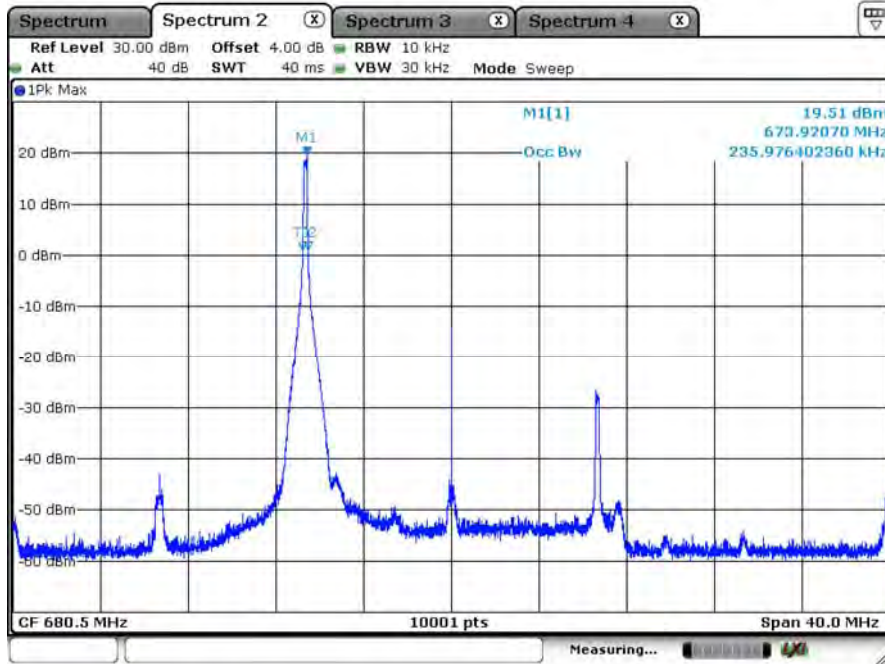
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B71_CH133297_15M_QPSK_75RB0_26dB BW



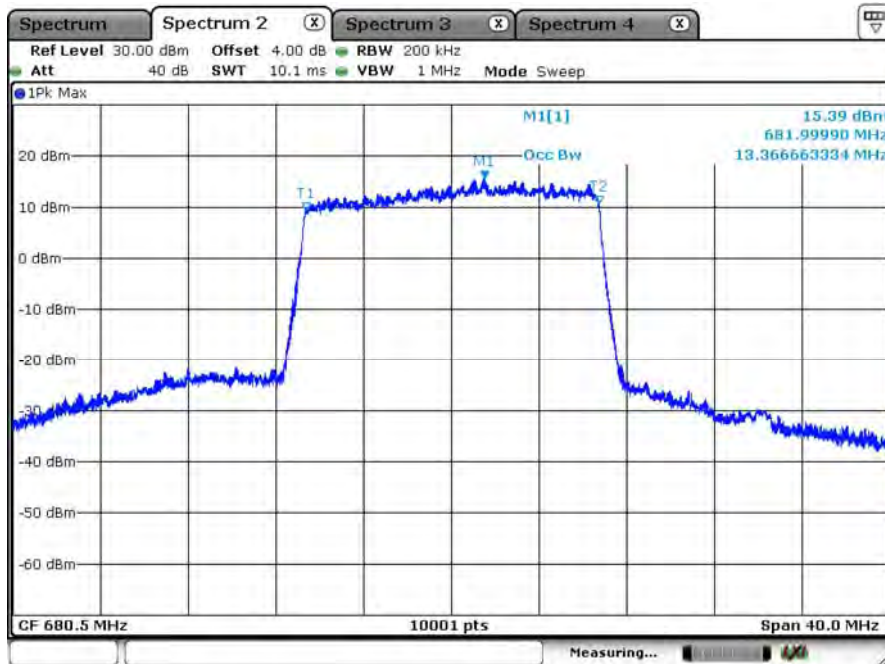
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B71_CH133297_15M_QPSK_1RB0_99% BW



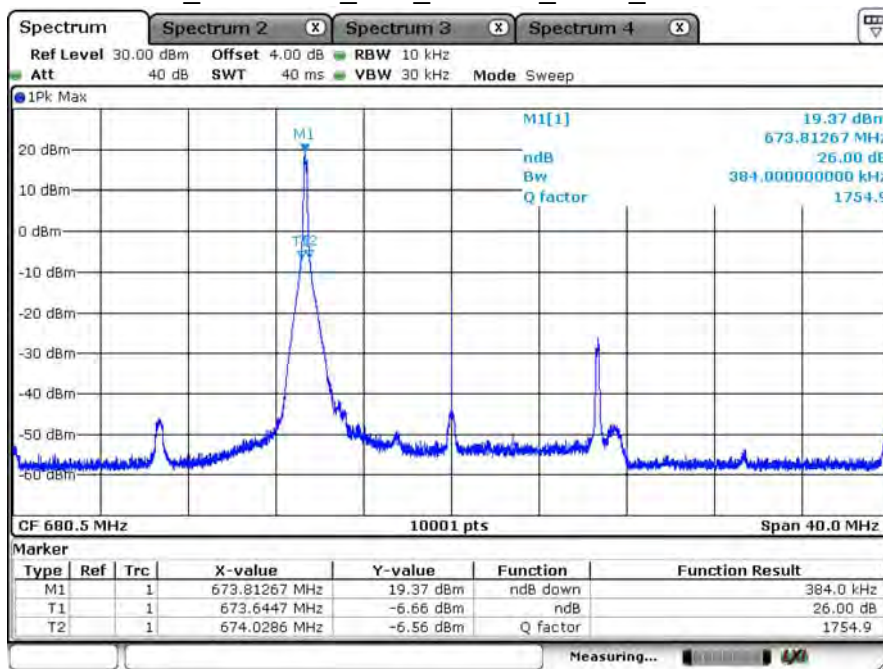
Date: 14 AUG 2019 14:16:23

B71_CH133297_15M_QPSK_75RB0_99% BW



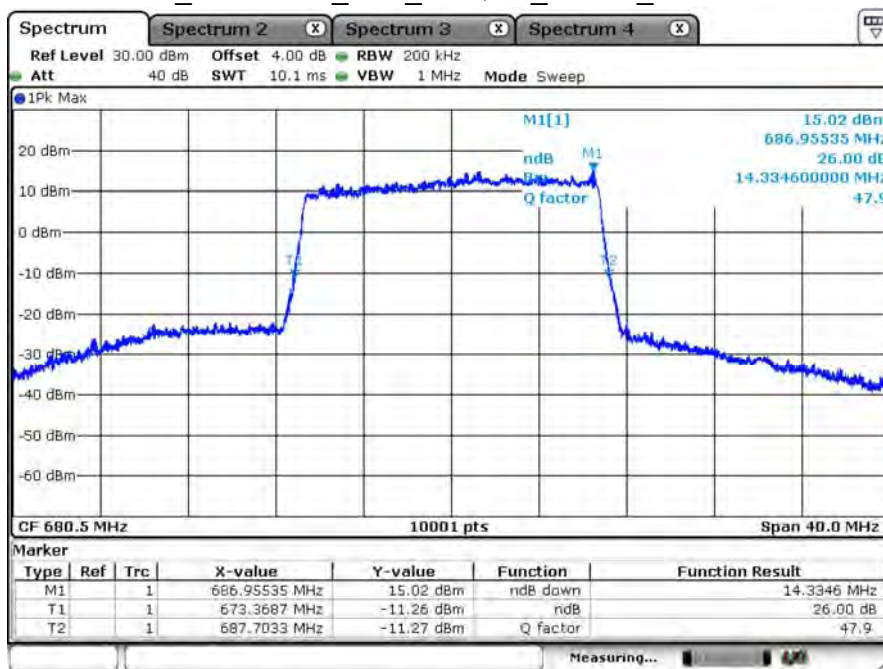
Date: 14 AUG 2019 15:16:03

B71_CH133297_15M_16-QAM_1RB0_26dB BW



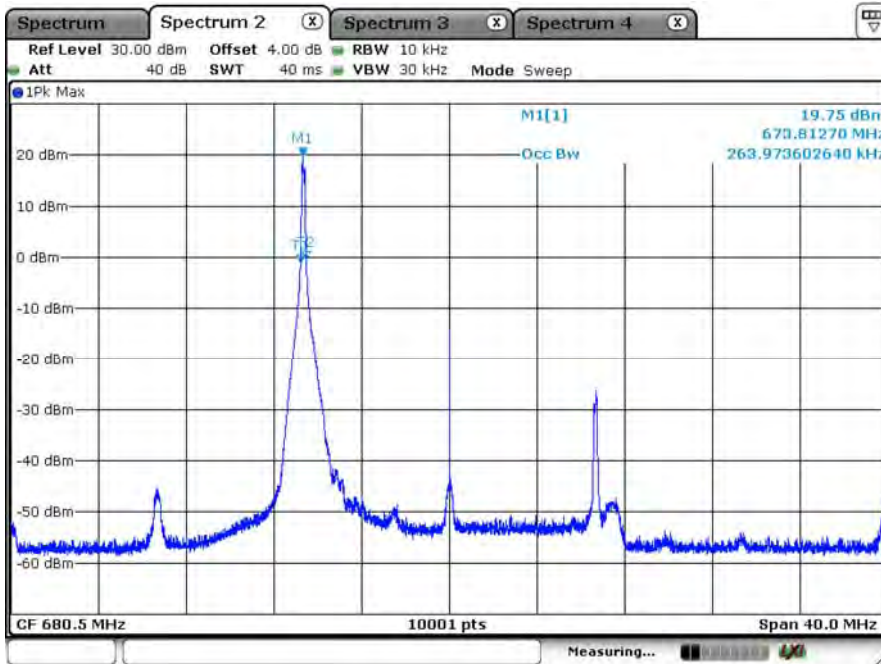
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B71_CH133297_15M_16-QAM_75RB0_26dB BW



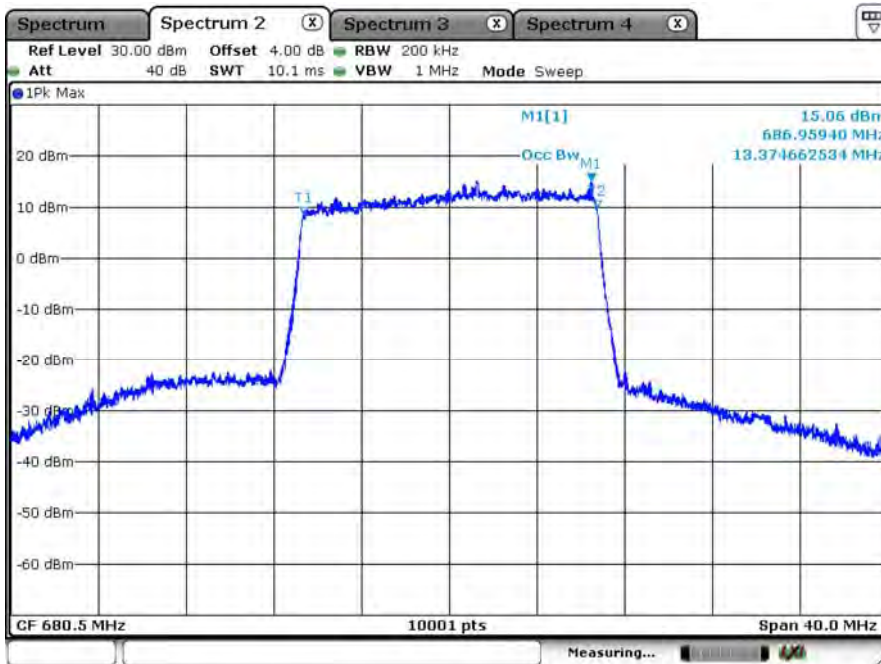
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B71_CH133297_15M_16-QAM_1RB0_99% BW



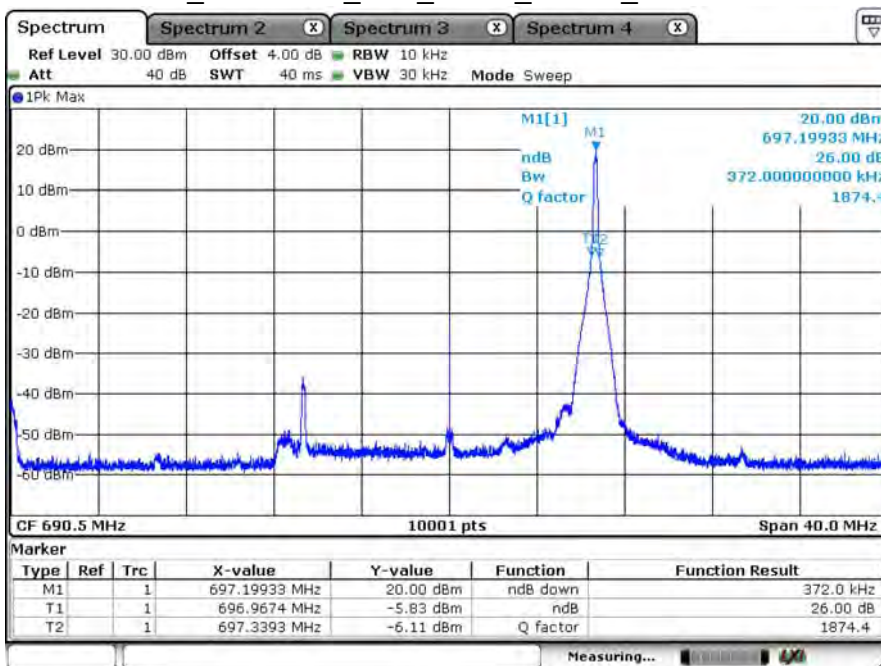
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B71_CH133297_15M_16-QAM_75RB0_99% BW



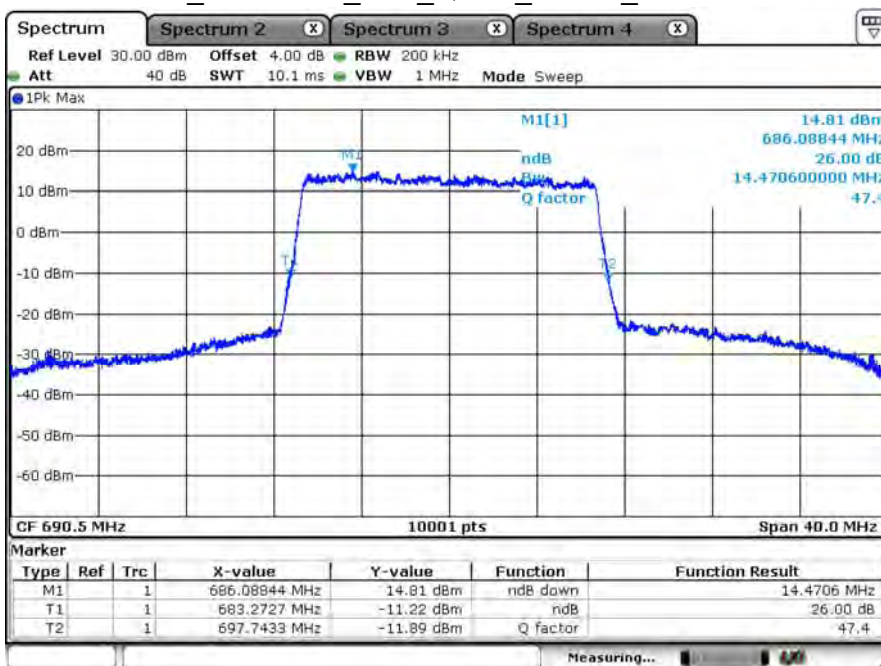
Date: 14 AUG 2019 15:14:35

B71_CH133397_15M_QPSK_1RB74_26dB BW



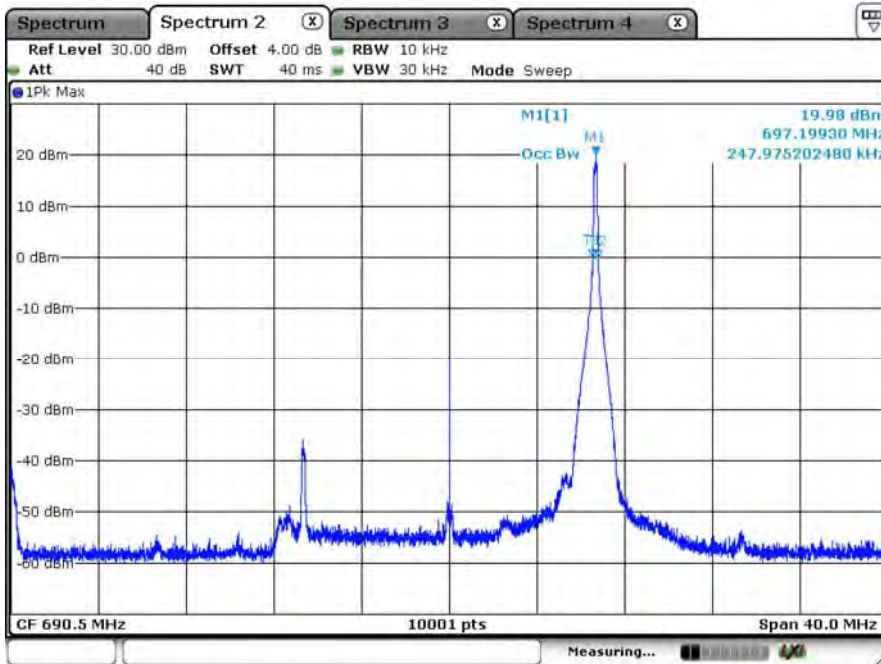
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B71_CH133397_15M_QPSK_75RB0_26dB BW



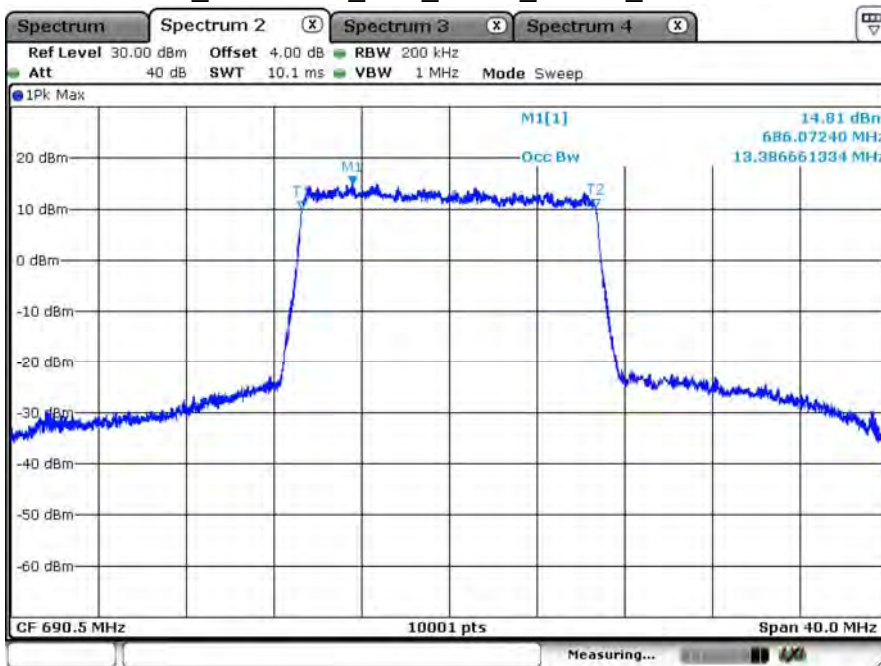
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B71_CH133397_15M_QPSK_1RB74_99% BW



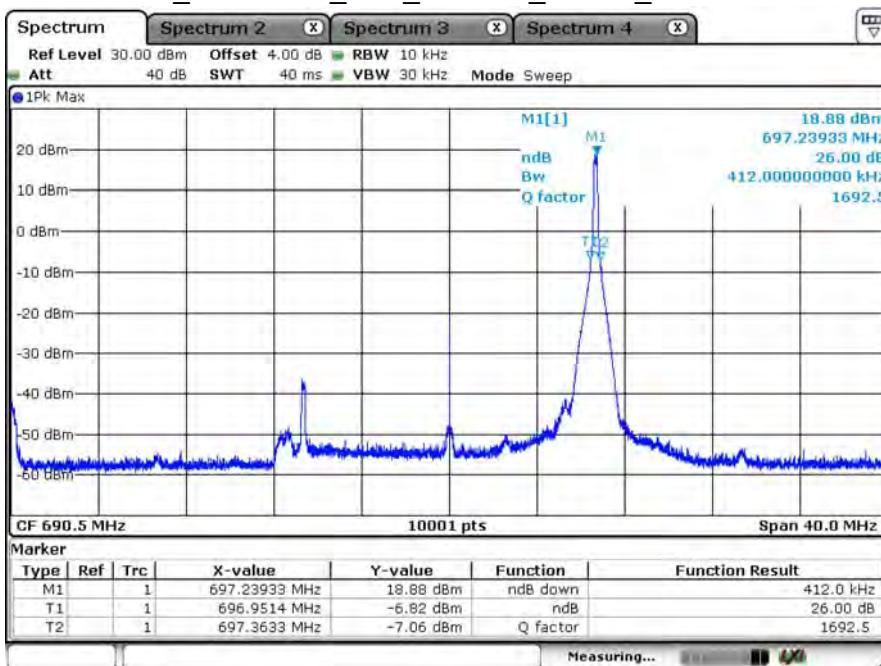
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B71_CH133397_15M_QPSK_75RB0_99% BW



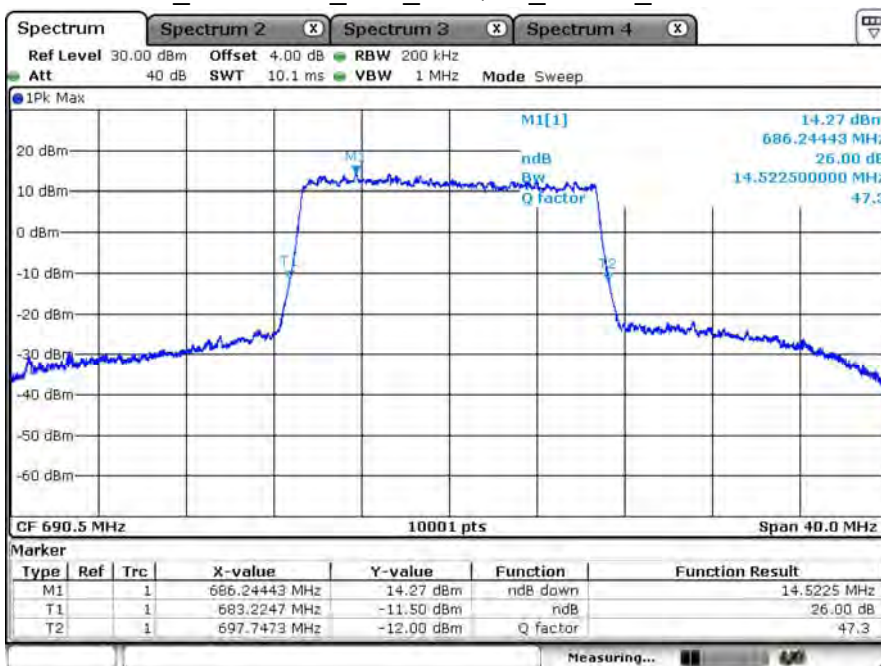
Date: 14 AUG 2019 15:09:00

B71_CH133397_15M_16-QAM_1RB74_26dB BW



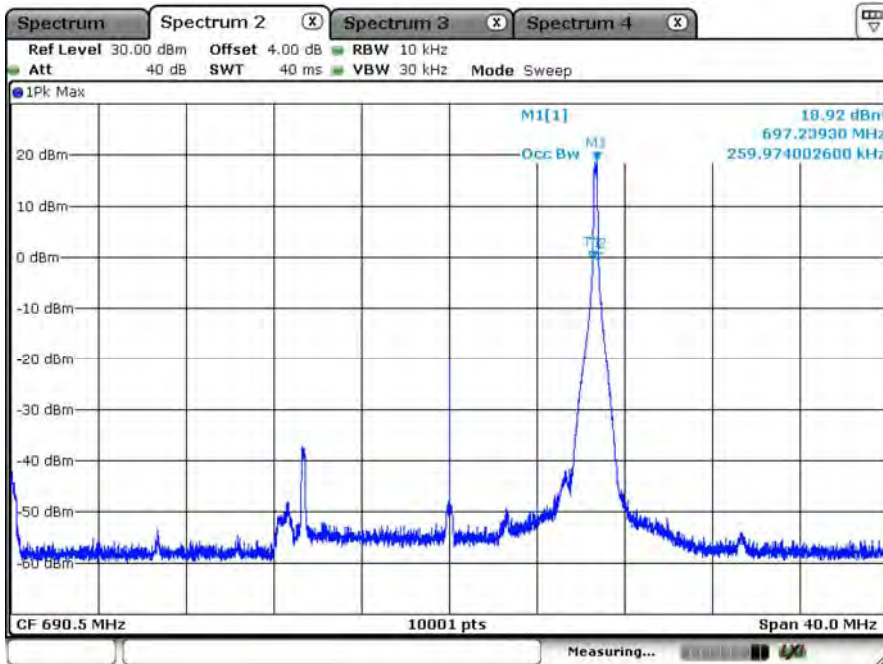
Date: 14 AUG 2019 14:38:37

B71_CH133397_15M_16-QAM_75RB0_26dB BW



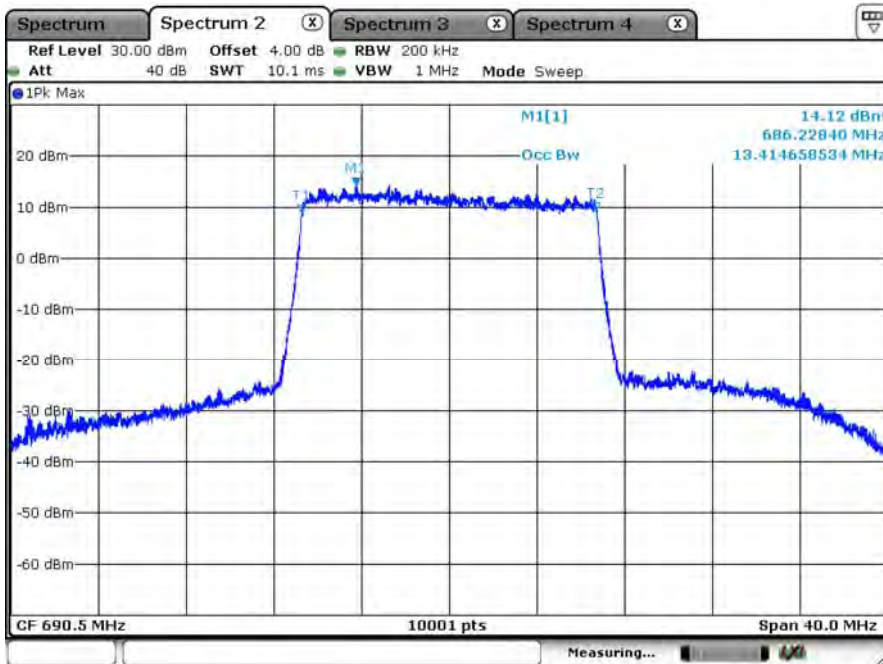
Date: 14 AUG 2019 14:48:08

B71_CH133397_15M_16-QAM_1RB74_99% BW



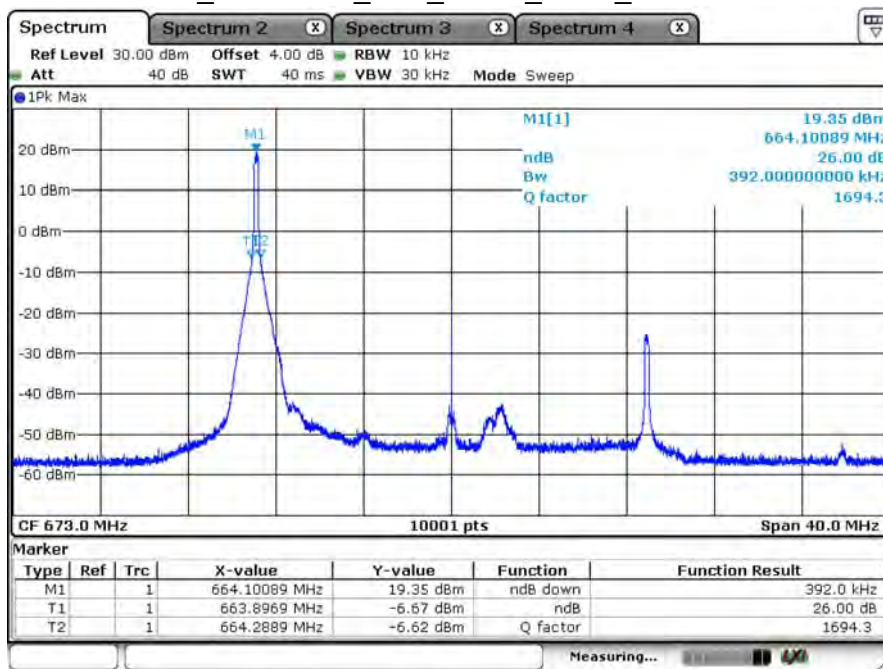
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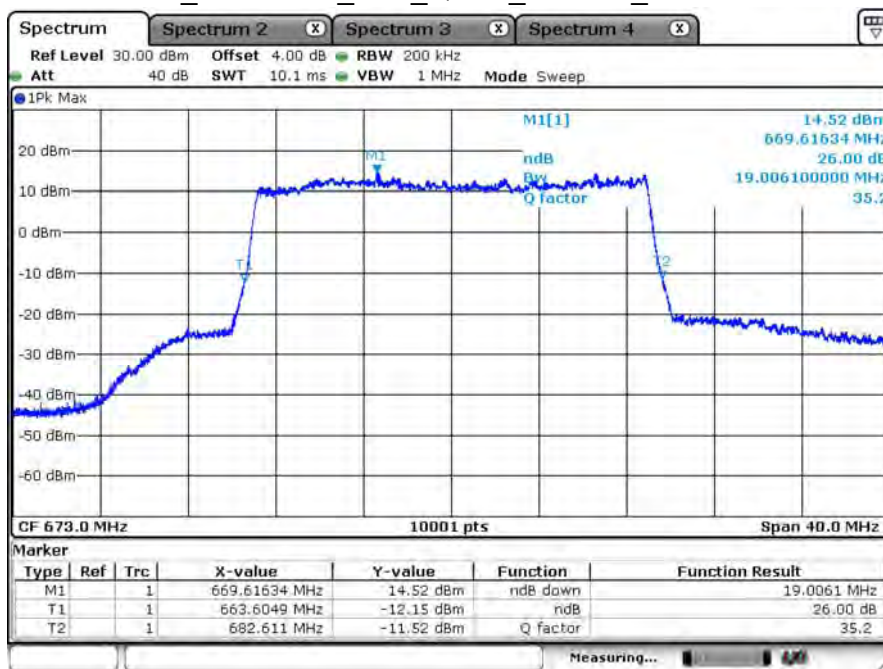
Date: 14 AUG 2019 14:50:41

B71_CH133222_20M_QPSK_1RB0_26dB BW



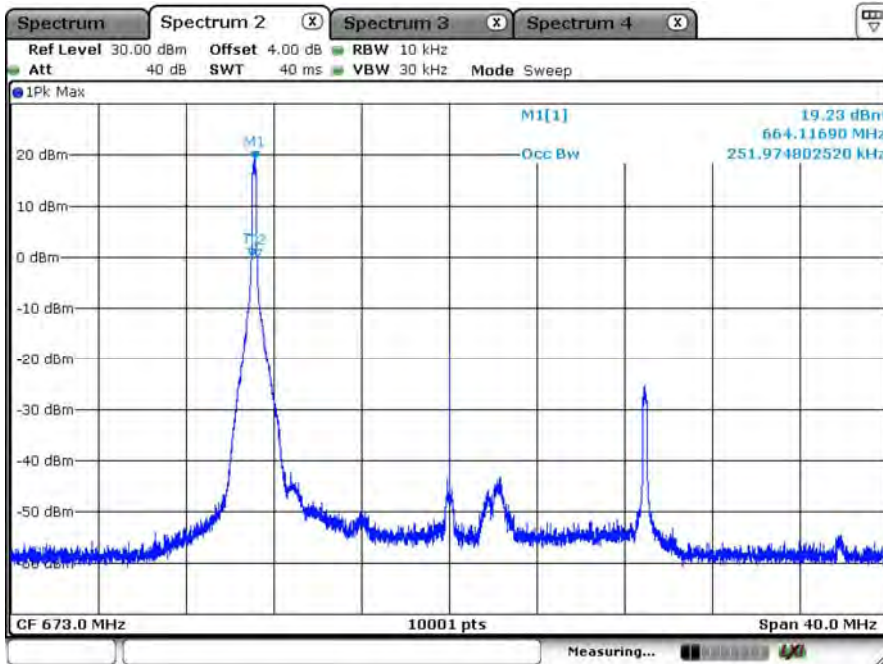
Date: 14 AUG 2019 15:49:22

B71_CH133222_20M_QPSK_100RB0_26dB BW



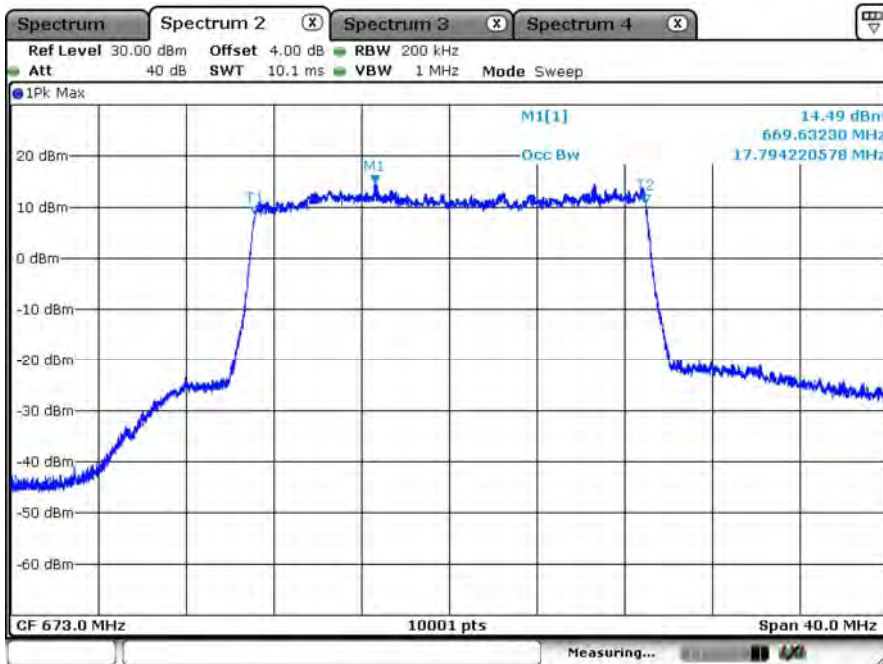
Date: 14 AUG 2019 16:38:16

B71_CH133222_20M_QPSK_1RB0_99% BW



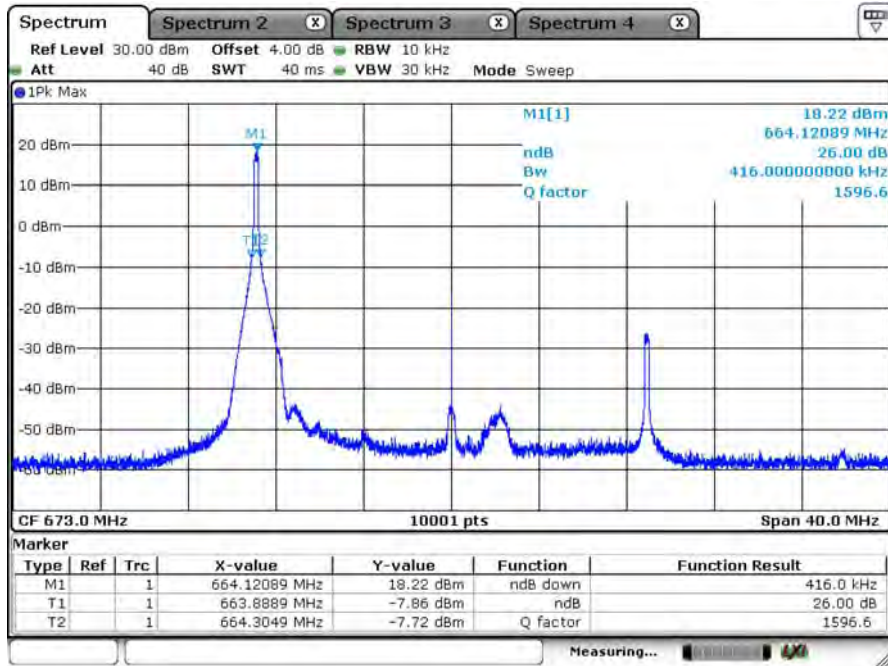
Date: 14 AUG 2019 15:50:17

B71_CH133222_20M_QPSK_100RB0_99% BW



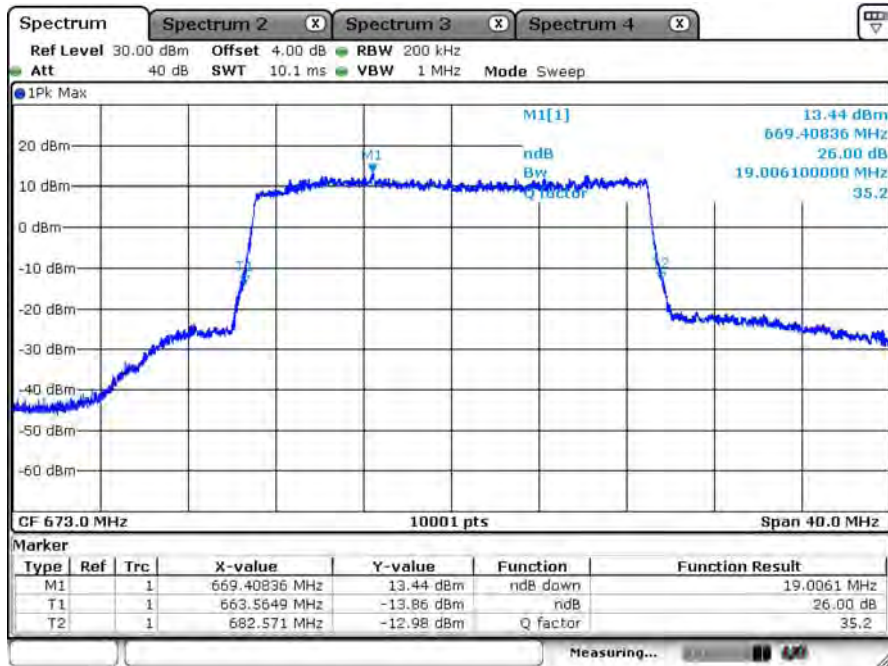
Date: 14 AUG 2019 16:37:38

B71_CH133222_20M_16-QAM_1RB0_26dB BW



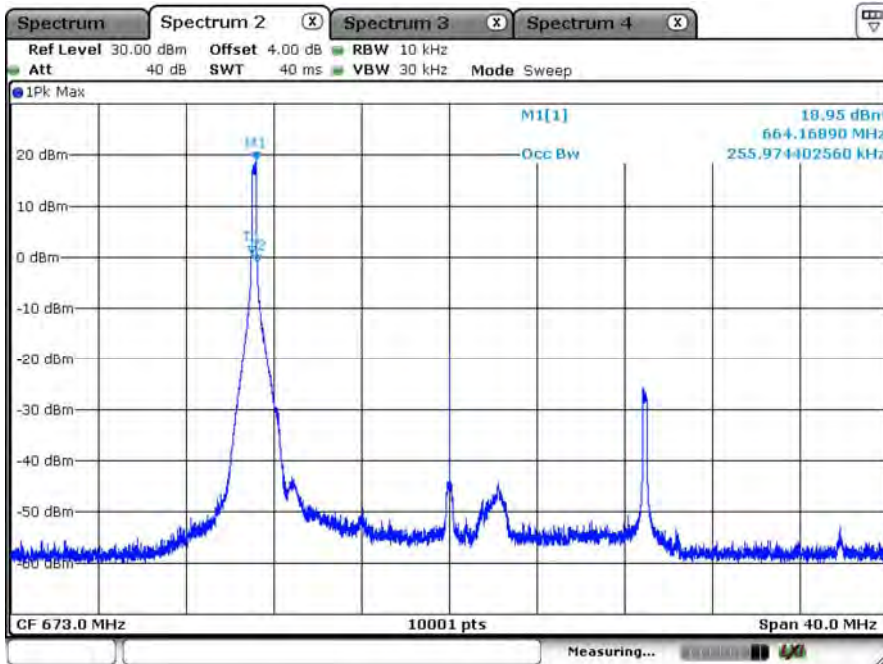
Date: 14 AUG 2019 15:54:00

B71_CH133222_20M_16-QAM_100RB0_26dB BW



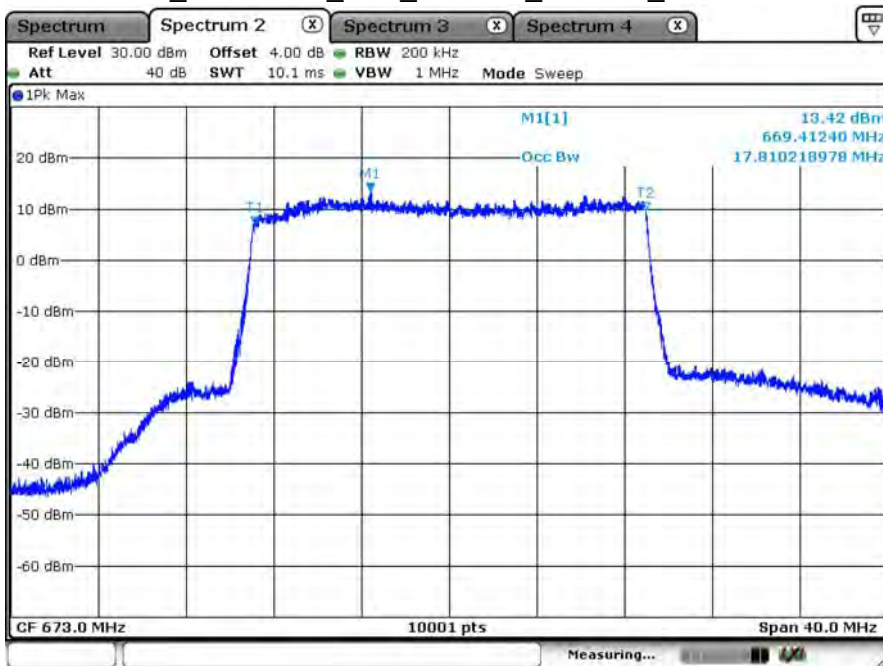
Date: 14 AUG 2019 16:34:07

B71_CH133222_20M_16-QAM_1RB0_99% BW



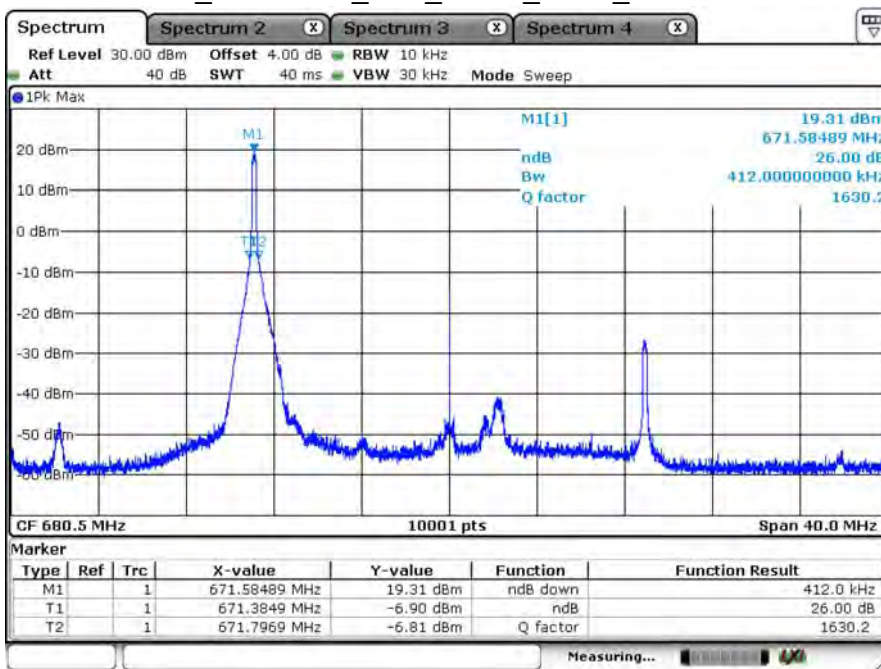
Date: 14 AUG 2019 15:53:04

B71_CH133222_20M_16-QAM_100RB0_99% BW



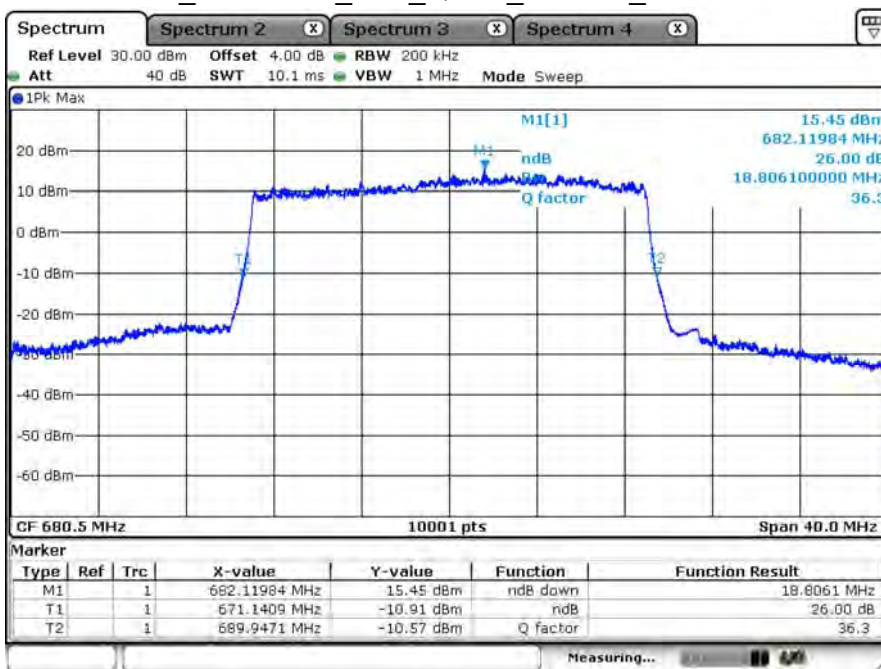
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B71_CH133297_20M_QPSK_1RB0_26dB BW



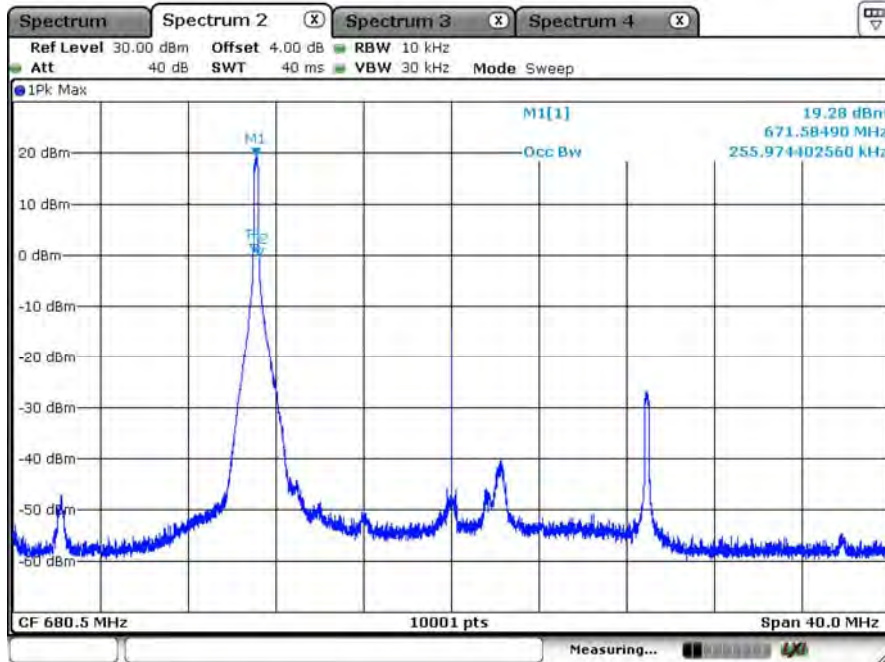
Date: 14 AUG 2019 15:55:21

B71_CH133297_20M_QPSK_100RB0_26dB BW



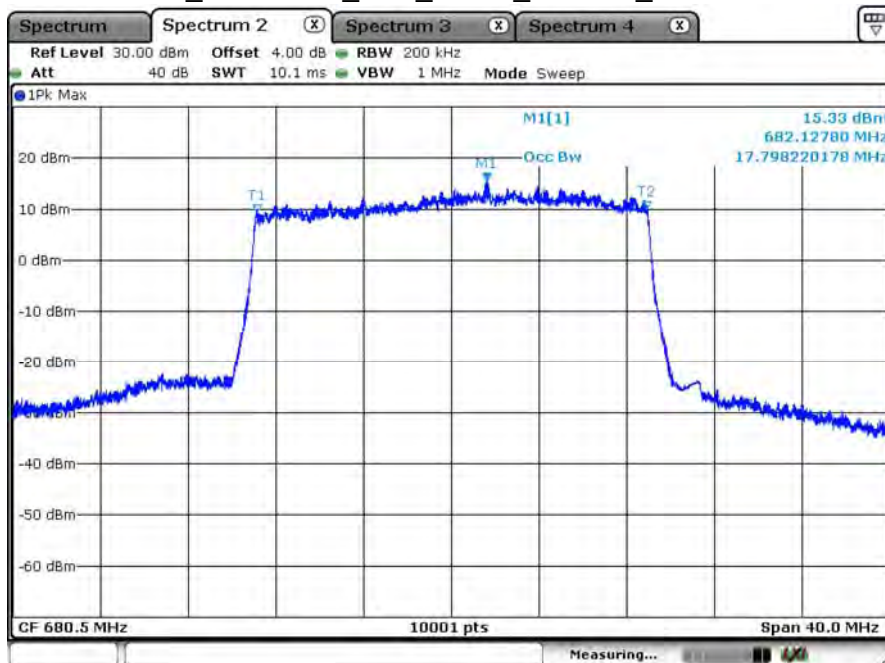
Date: 14 AUG 2019 16:29:25

B71_CH133297_20M_QPSK_1RB0_99% BW



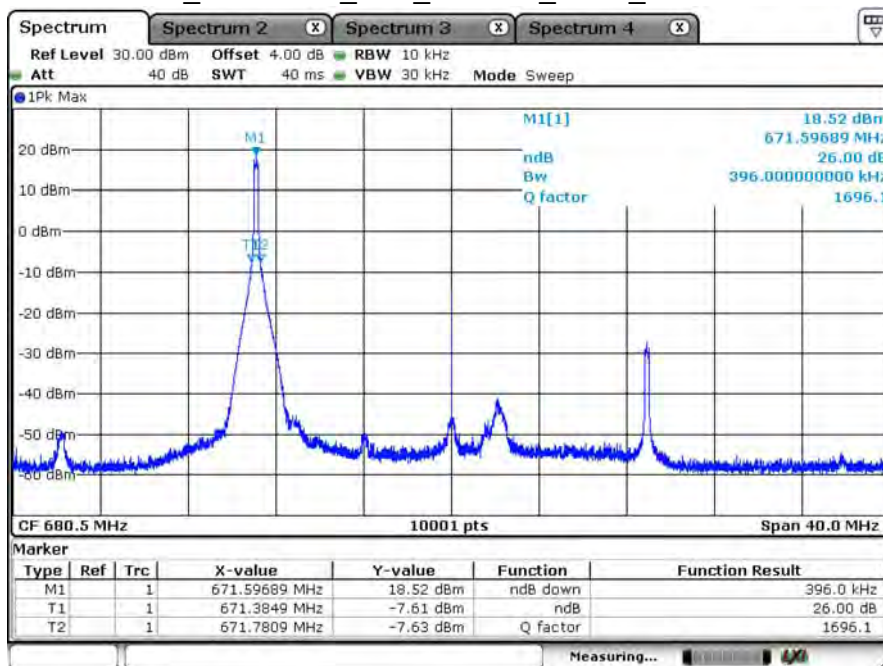
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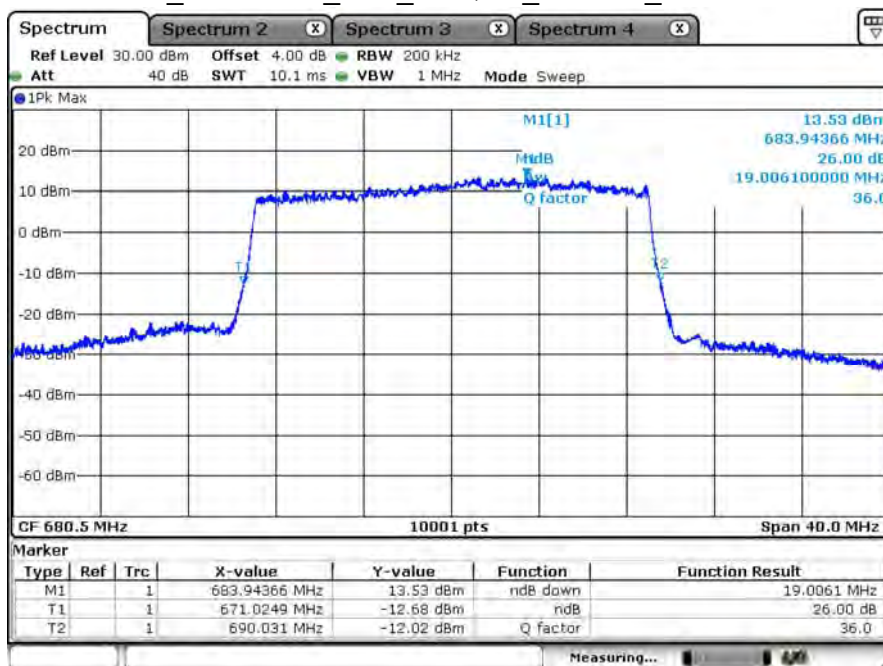
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B71_CH133297_20M_16-QAM_1RB0_26dB BW



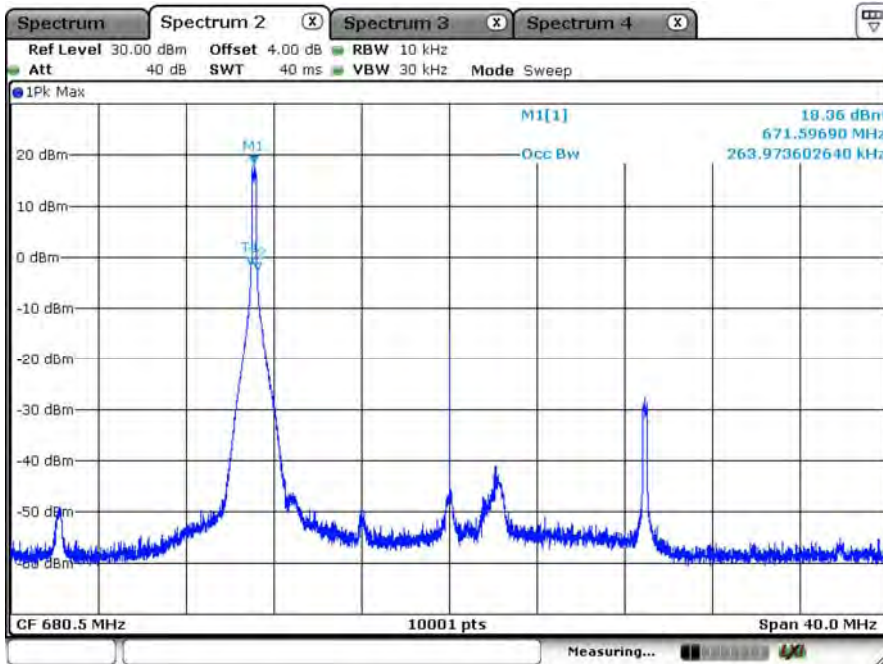
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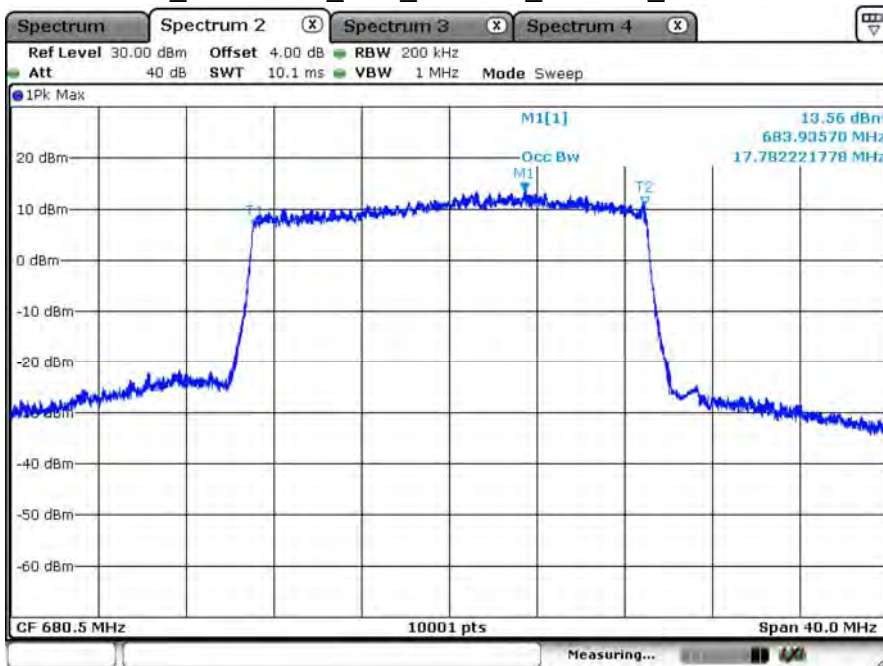
Date: 14 AUG 2019 16:25:10

B71_CH133297_20M_16-QAM_1RB0_99% BW



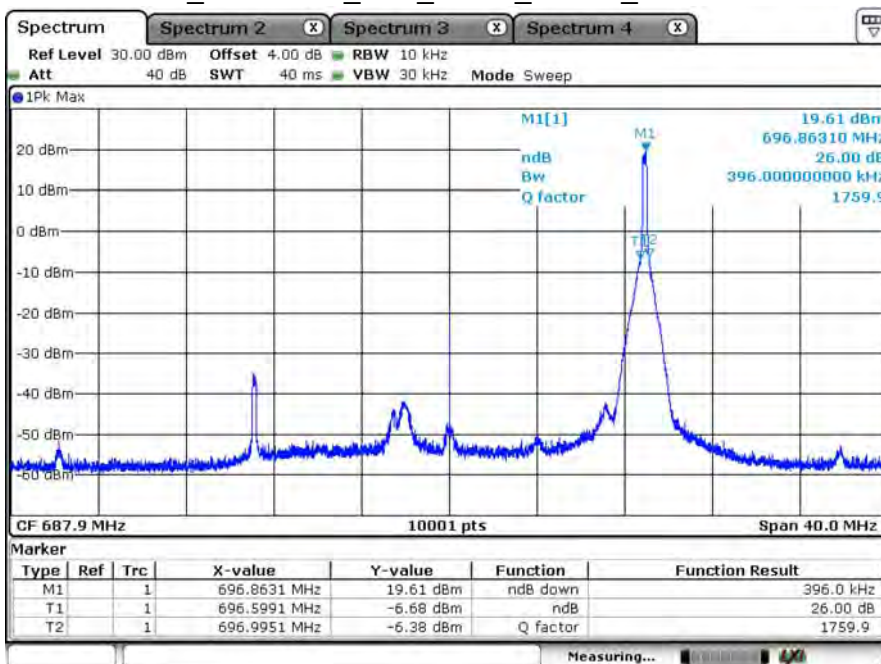
Date: 14 AUG 2019 15:58:10

B71_CH133297_20M_16-QAM_100RB0_99% BW



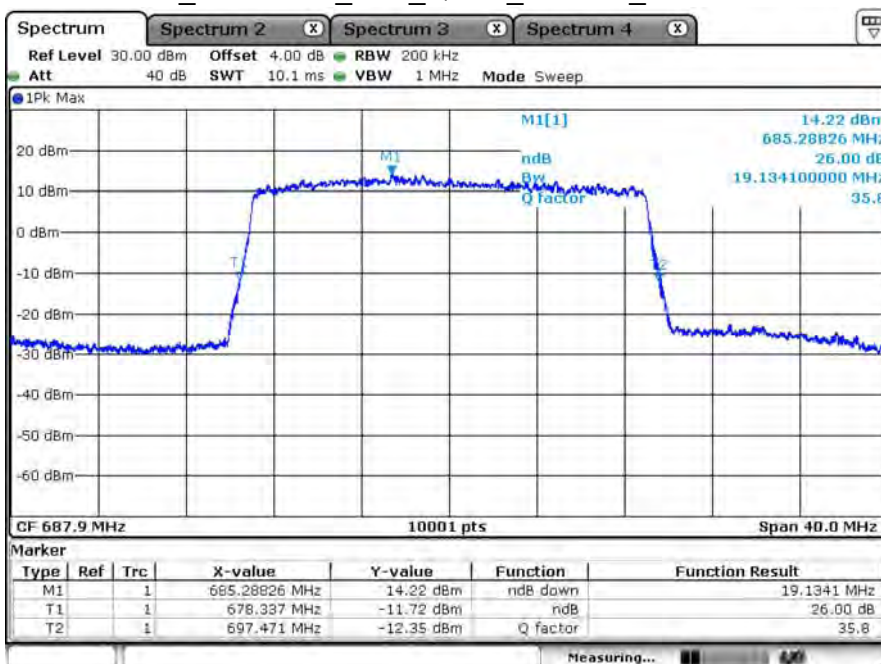
Date: 14 AUG 2019 16:26:22

B71_CH133371_20M_QPSK_1RB99_26dB BW



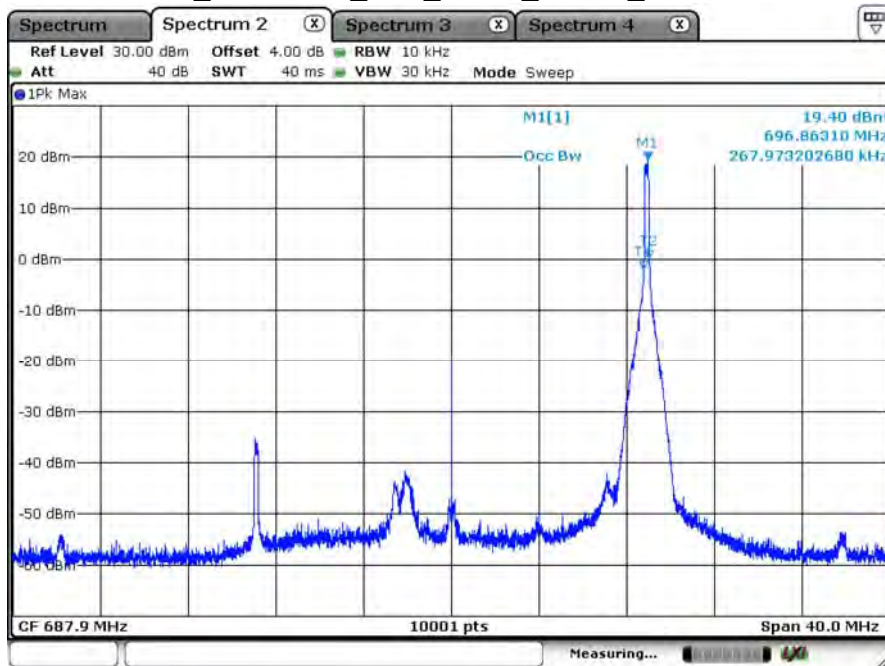
Date: 14 AUG 2019 16:04:24

B71_CH133371_20M_QPSK_100RB0_26dB BW



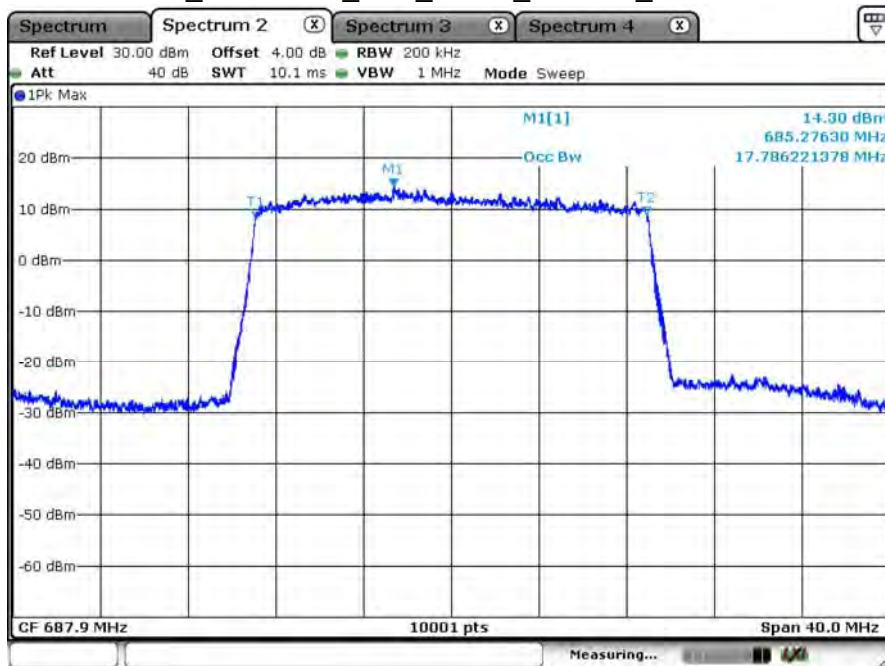
Date: 14 AUG 2019 16:19:57

B71_CH133371_20M_QPSK_1RB99_99% BW



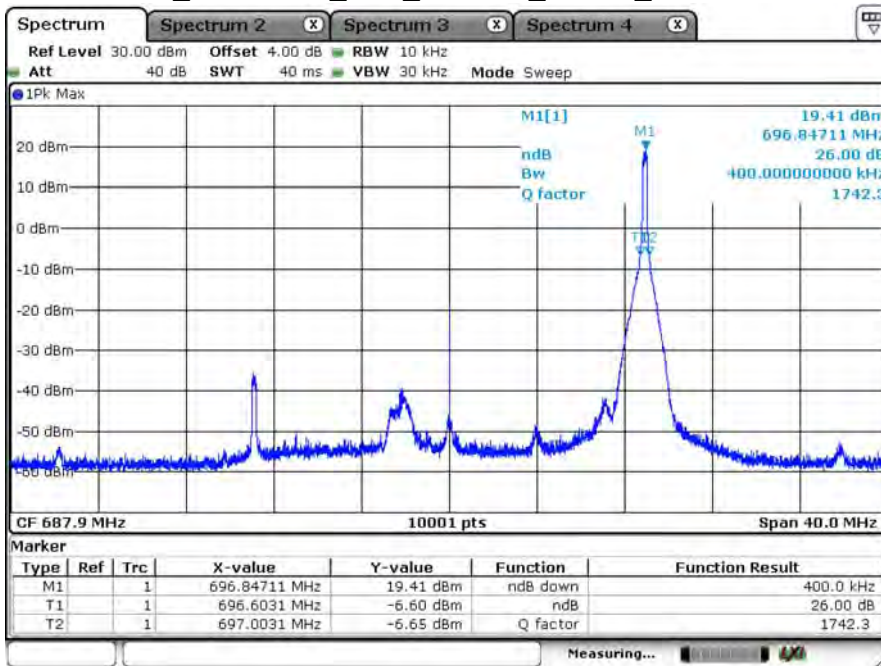
Date: 14 AUG 2019 16:02:11

B71_CH133371_20M_QPSK_100RB0_99% BW



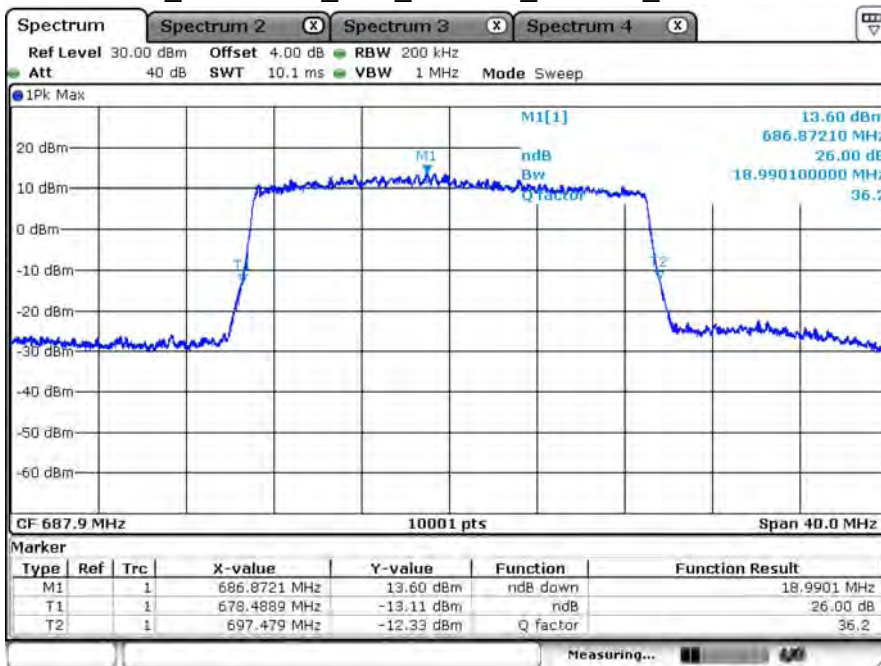
Date: 14 AUG 2019 16:22:34

B71_CH133371_20M_16-QAM_1RB99_26dB BW



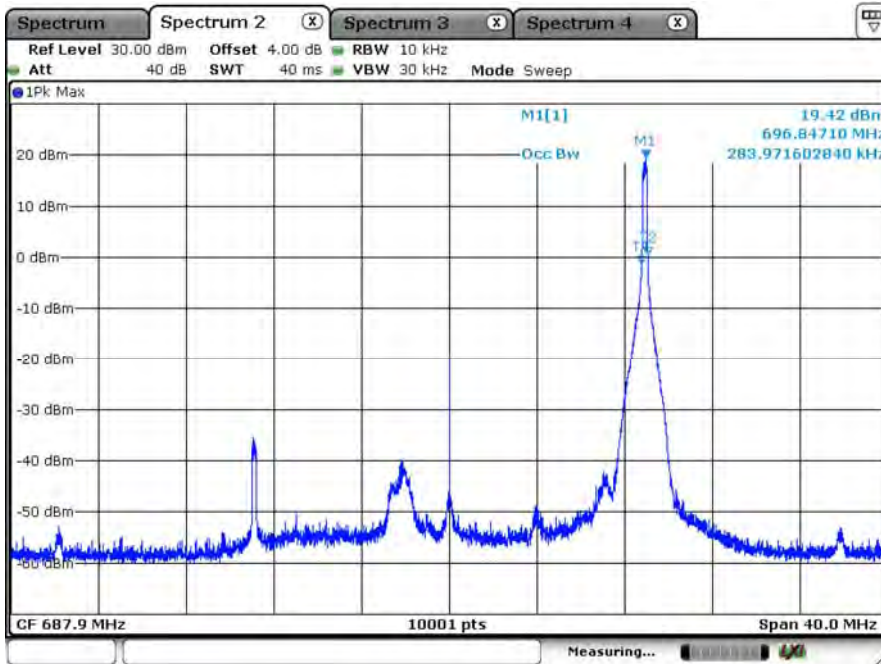
Date: 14 AUG 2019 16:05:51

B71_CH133371_20M_16-QAM_100RB0_26dB BW



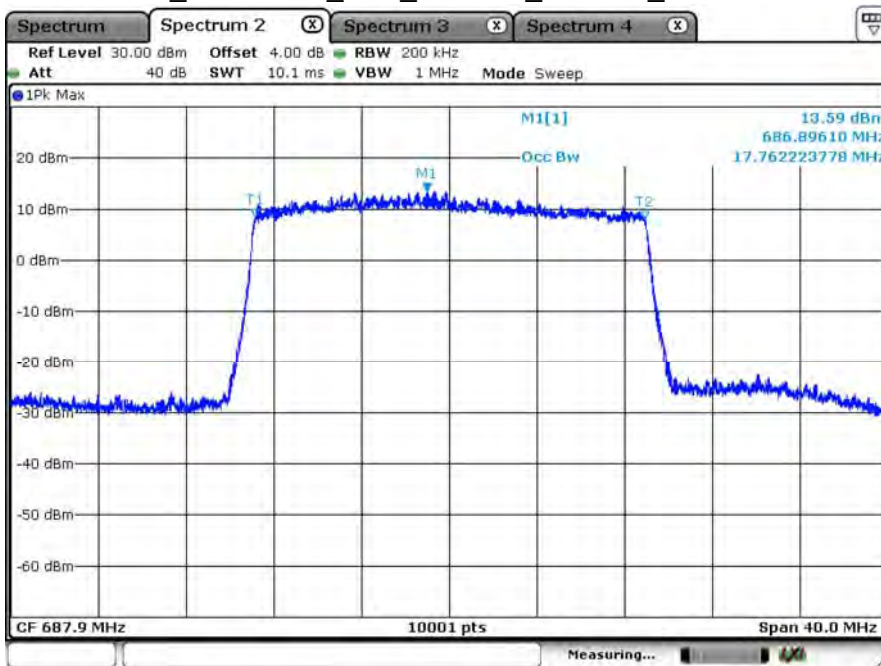
Date: 14 AUG 2019 16:16:28

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Date: 14 AUG 2019 16:07:01

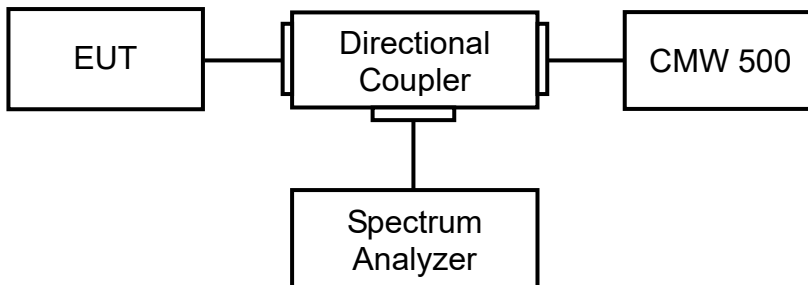
B71_CH133371_20M_16-QAM_100RB0_99% BW



Date: 14 AUG 2019 16:13:03

5. Peak To Average Ratio

5.1. Test Setup



5.2. Test Procedure

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth.
2. Set the number of counts to a value that stabilizes the measured CCDF curve.
3. Record the maximum PAPR level associated with a probability of 0.1 %.

5.3. Test Method

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 5.7.2
ANSI C63.26: 2015 Sub-clause 5.2.3.4

5.4. Limit

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13dB.

5.5. Test Result

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/08/01	Test Site	SR10-H

B2_CH18607_1.4M_1RB2_QPSK



Date: 1 AUG.2019 11:26:55

B2_CH18607_1.4M_1RB2_16-QAM



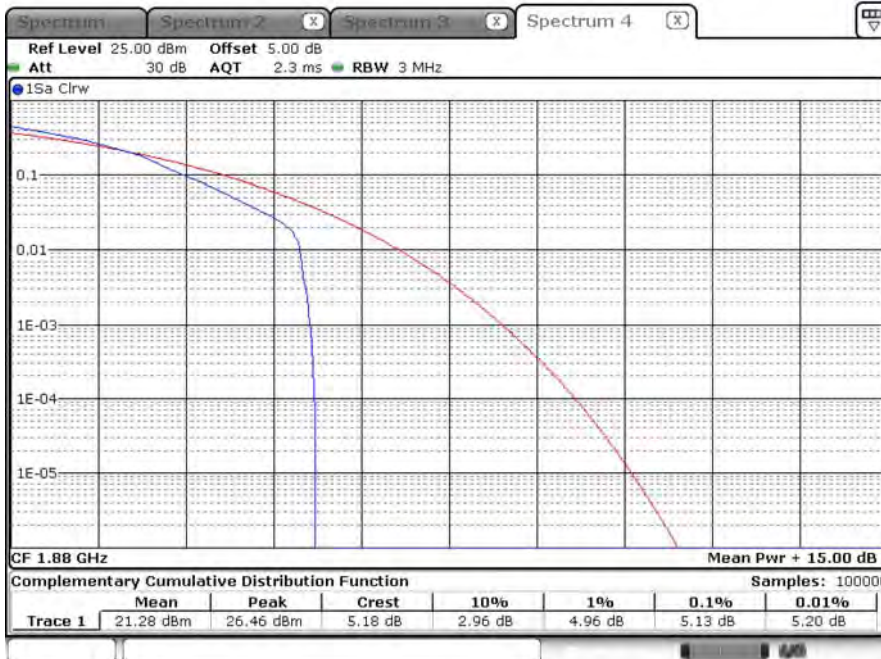
Date: 1 AUG 2019 11:40:22

B2_CH18900_1.4M_1RB2_QPSK



Date: 1.AUG 2019 11:39:04

B2_CH18900_1.4M_1RB2_16-QAM



Date: 1.AUG 2019 11:37:55

B2_CH19193_1.4M_1RB2_QPSK



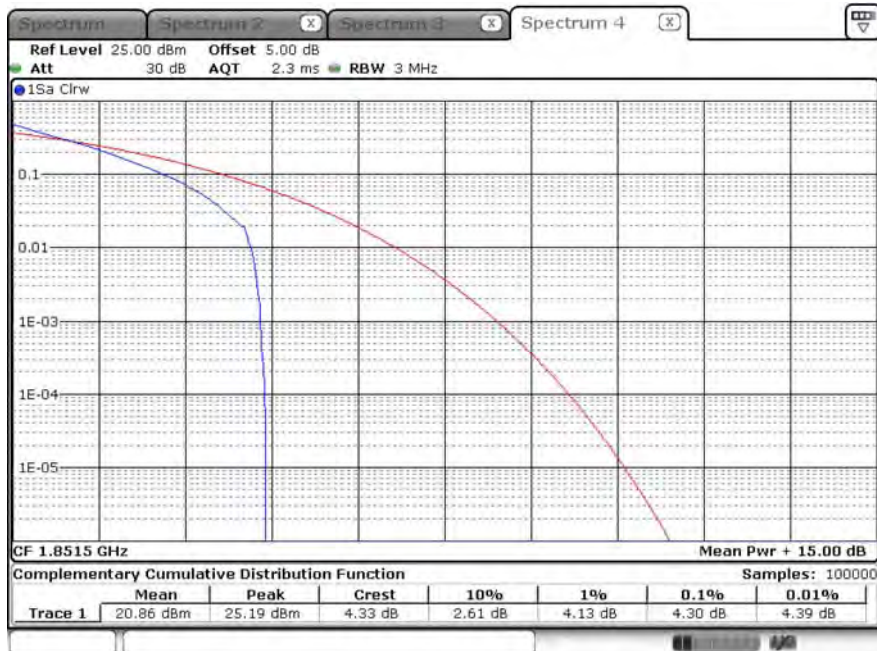
Date: 1.AUG 2019 11:44:01

B2_CH19193_1.4M_1RB2_16-QAM



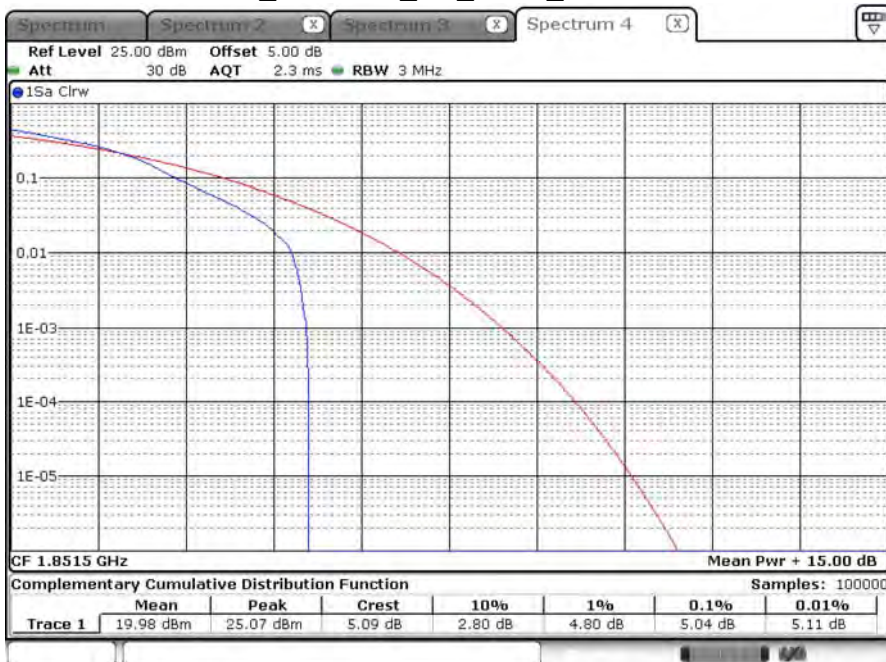
Date: 1.AUG 2019 11:42:43

B2_CH18615_3M_1RB7_QPSK



Date: 1.AUG 2019 11:50:02

B2_CH18615_3M_1RB7_16-QAM



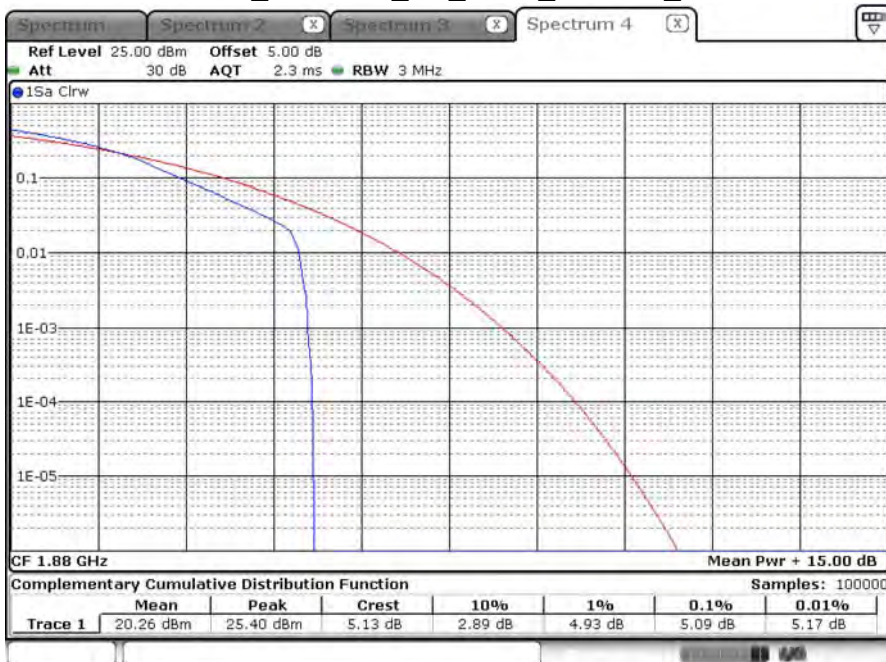
Date: 1.AUG 2019 11:51:17

B2_CH18900_3M_1RB7_QPSK



Date: 1.AUG 2019 11:53:43

B2_CH18900_3M_1RB7_16-QAM



Date: 1.AUG 2019 11:52:55

B2_CH19185_3M_1RB7_QPSK



Date: 1.AUG 2019 11:55:15

B2_CH19185_3M_1RB7_16-QAM



Date: 1.AUG 2019 11:56:10

B2_CH18625_5M_1RB12_QPSK



Date: 1.AUG 2019 11:58:26

CH18625_5M_1RB12_16-QAM



Date: 1.AUG 2019 11:59:21

B2_CH18900_5M_1RB12_QPSK



Date: 1.AUG.2019 12:08:16

CH18900_5M_1RB12_16-QAM



Date: 1.AUG.2019 12:09:21

B2_CH19175_5M_1RB12_QPSK



Date: 1.AUG 2019 13:35:53

B2_CH19175_5M_1RB12_16-QAM



Date: 1.AUG 2019 13:36:51

B2_CH18650_10M_1RB24_QPSK



Date: 1.AUG 2019 13:43:31

B2_CH18650_10M_1RB24_16-QAM



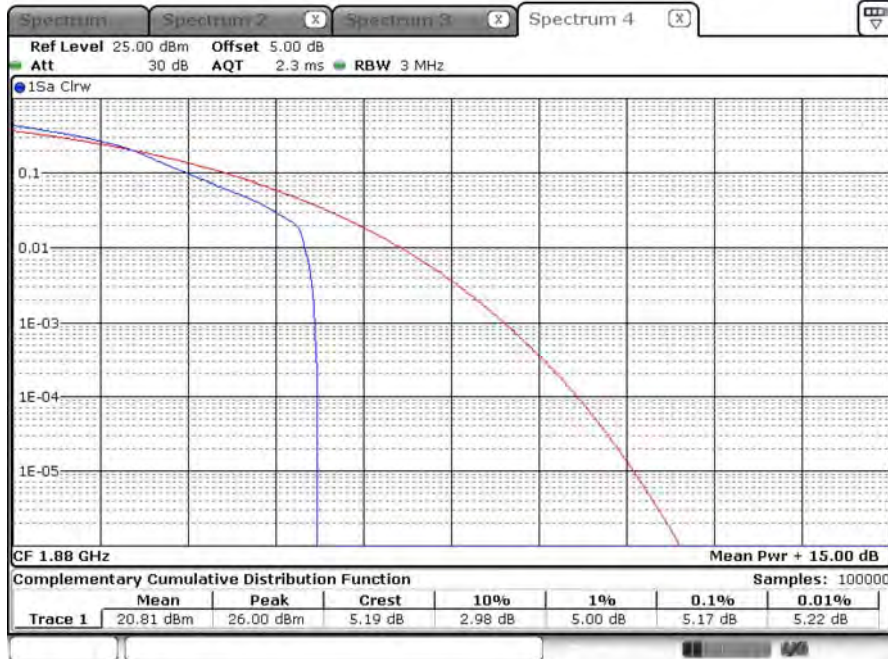
Date: 1.AUG 2019 13:44:29

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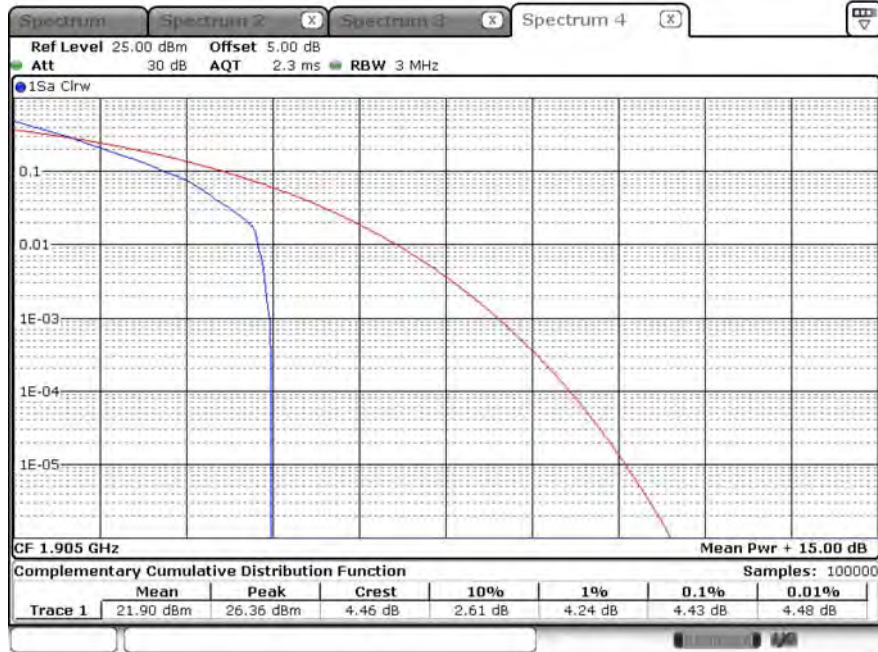
Date: 1.AUG 2019 13:46:45

B2_CH18900_10M_1RB24_16-QAM



Date: 1.AUG 2019 13:45:38

B2_CH19150_10M_1RB24_QPSK



Date: 1.AUG.2019 13:48:56

B2_CH19150_10M_1RB24_16-QAM



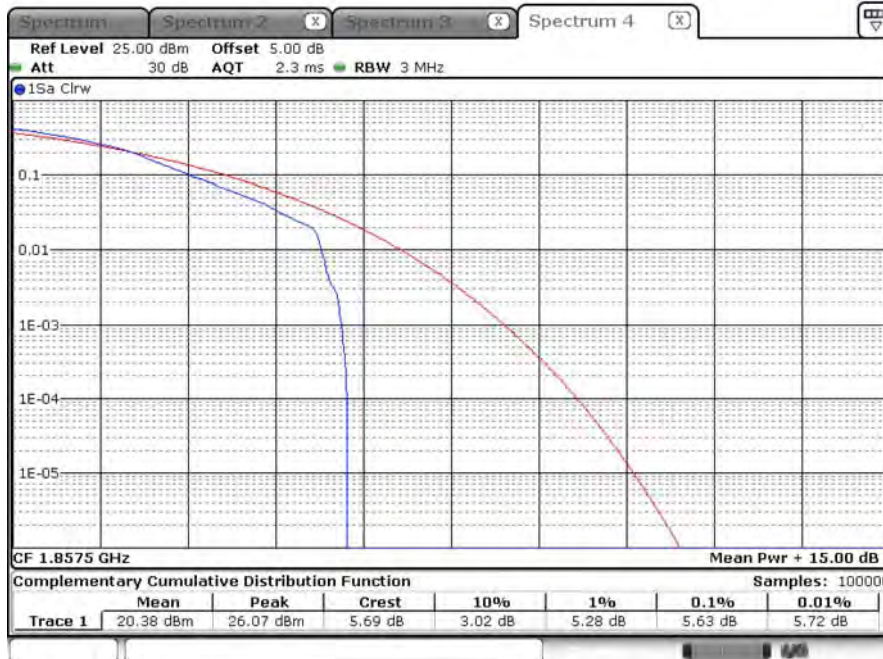
Date: 1.AUG.2019 13:58:43

B2_CH18675_15M_1RB37_QPSK



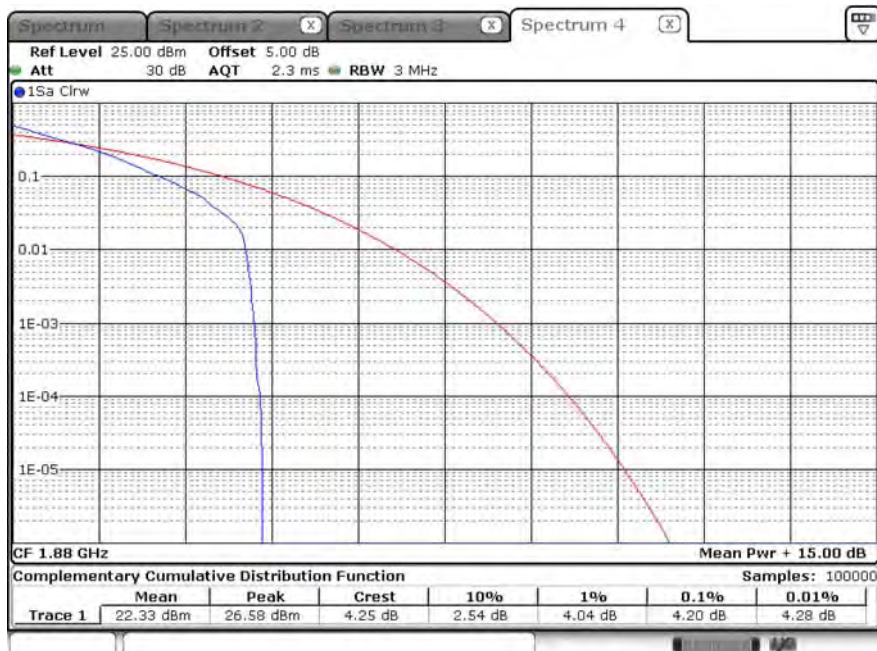
Date: 1.AUG 2019 14:24:28

B2_CH18675_15M_1RB37_16-QAM



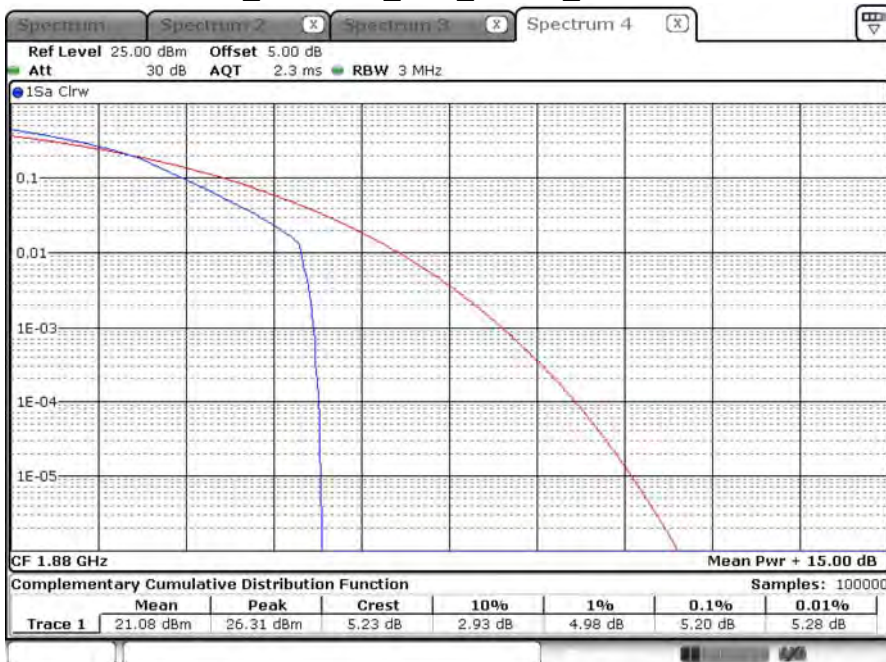
Date: 1.AUG 2019 14:23:40

B2_CH18900_15M_1RB37_QPSK



Date: 1.AUG.2019 14:25:25

B2_CH18900_15M_1RB37_16-QAM



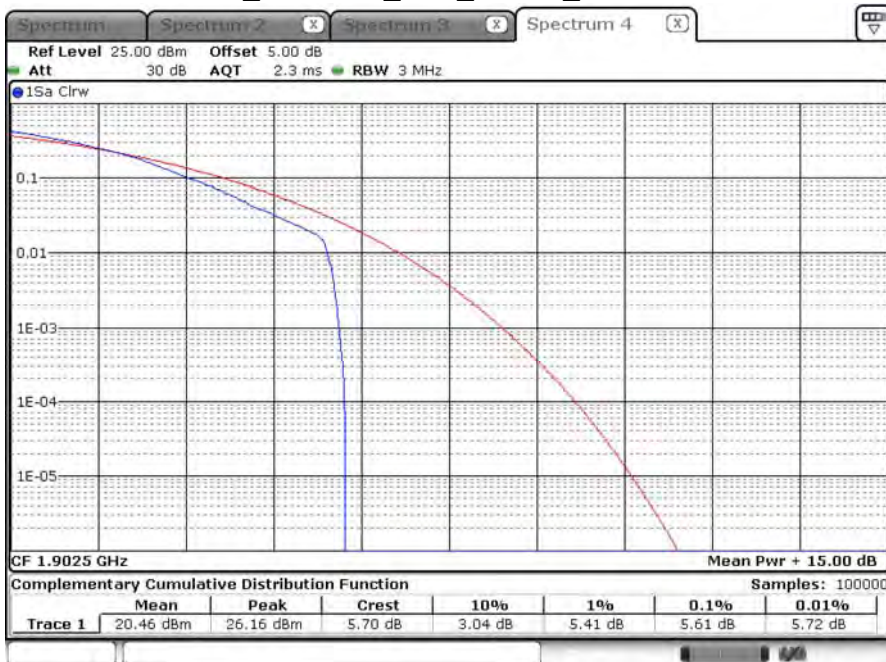
Date: 1.AUG.2019 14:27:45

B2_CH19125_15M_1RB37_QPSK



Date: 1.AUG 2019 14:30:33

B2_CH19125_15M_1RB37_16-QAM



Date: 1.AUG 2019 14:29:48

B2_CH18700_20M_1RB49_QPSK_



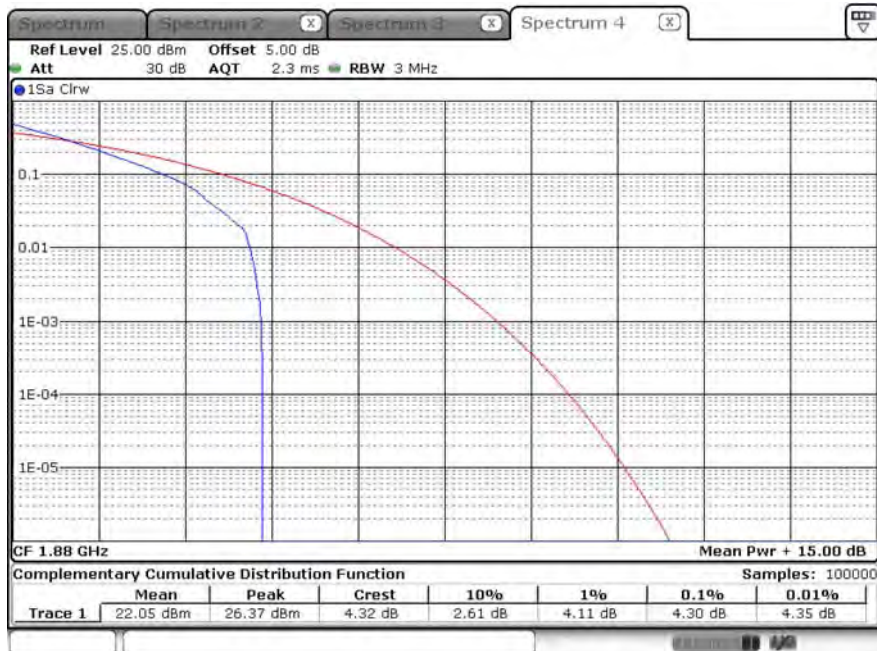
Date: 1.AUG.2019 14:12:02

B2_CH18700_20M_1RB49_16-QAM



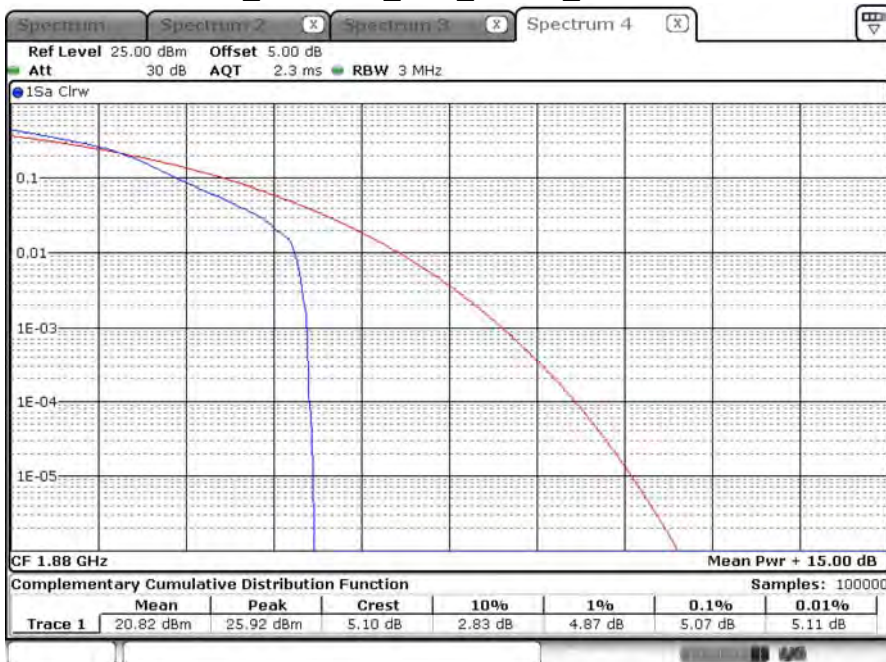
Date: 1.AUG.2019 14:13:33

B2_CH18900_20M_1RB49_QPSK



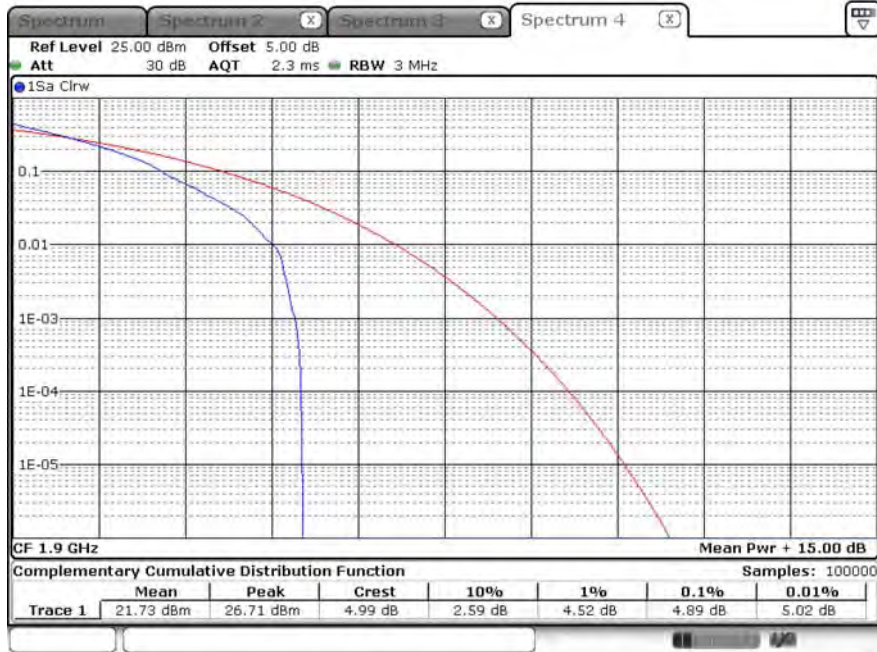
Date: 1.AUG 2019 14:16:11

B2_CH18900_20M_1RB49_16-QAM



Date: 1.AUG 2019 14:15:34

B2_CH19100_20M_1RB49_QPSK



Date: 1.AUG 2019 14:17:03

B2_CH19100_20M_1RB49_16-QAM



Date: 1.AUG 2019 14:17:41

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/08/01	Test Site	SR10-H

B4_CH19957_1.4M_1RB2_QPSK



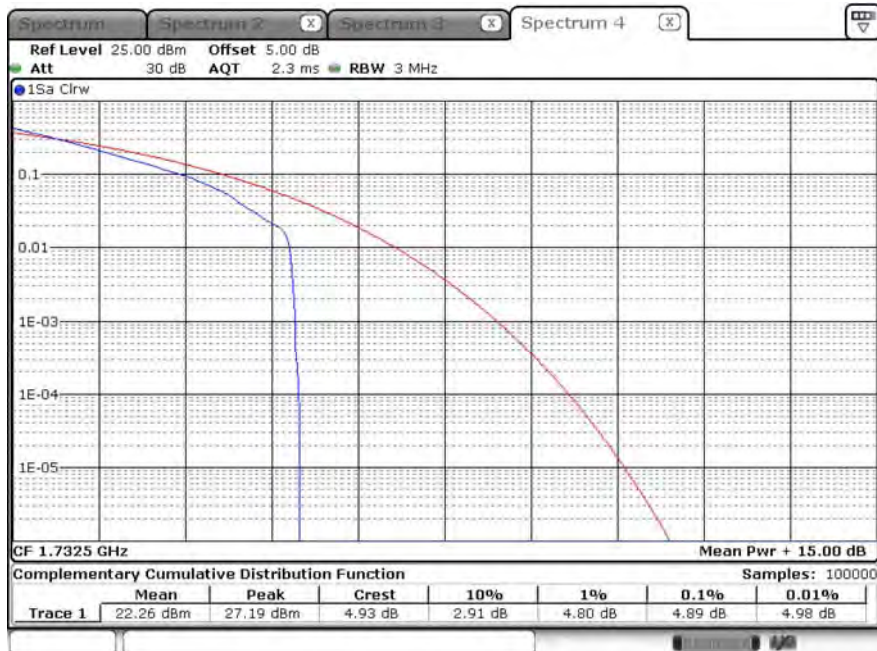
Date: 1 AUG 2019 14:39:40

B4_CH19957_1.4M_1RB2_16-QAM



Date: 1 AUG 2019 14:40:31

B4_CH20175_1.4M_1RB2_QPSK



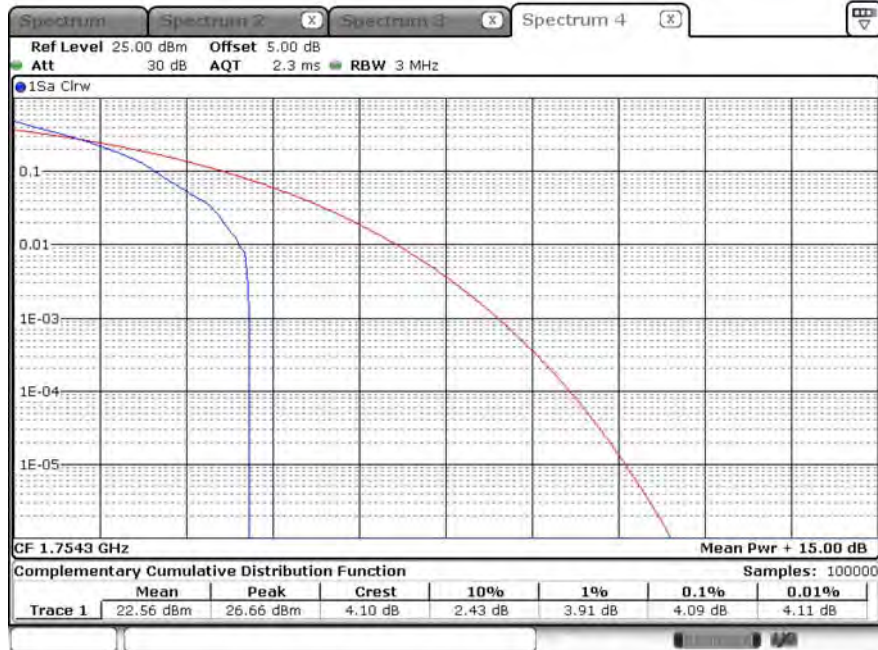
Date: 1.AUG 2019 14:46:56

B4_CH20175_1.4M_1RB2_16-QAM



Date: 1.AUG 2019 14:45:43

B4_CH20393_1.4M_1RB2_QPSK



Date: 1.AUG 2019 14:48:07

B4_CH20393_1.4M_1RB2_16-QAM



Date: 1.AUG 2019 14:48:48

B4_CH19965_3M_1RB7_QPSK



Date: 1.AUG 2019 15:02:13

B4_CH19965_3M_1RB7_16-QAM



Date: 1.AUG 2019 15:04:01

B4_CH20175_3M_1RB7_QPSK



Date: 1.AUG 2019 15:06:42

B4_CH20175_3M_1RB7_16-QAM



Date: 1.AUG 2019 15:05:31

B4_CH20385_3M_1RB7_QPSK



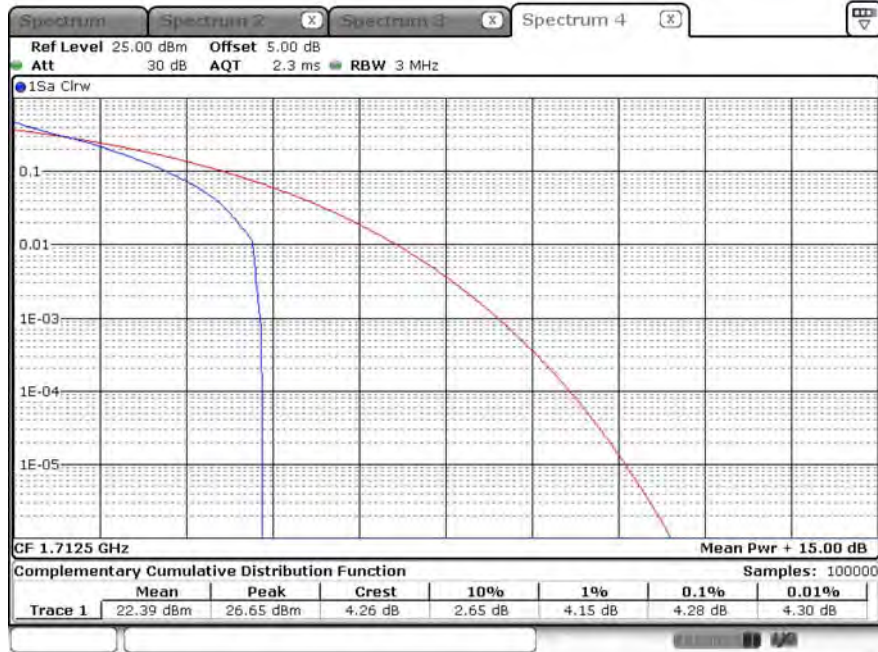
Date: 1.AUG 2019 15:07:51

B4_CH20385_3M_1RB7_16-QAM



Date: 1.AUG 2019 15:08:35

B4_CH19975_5M_1RB12_QPSK



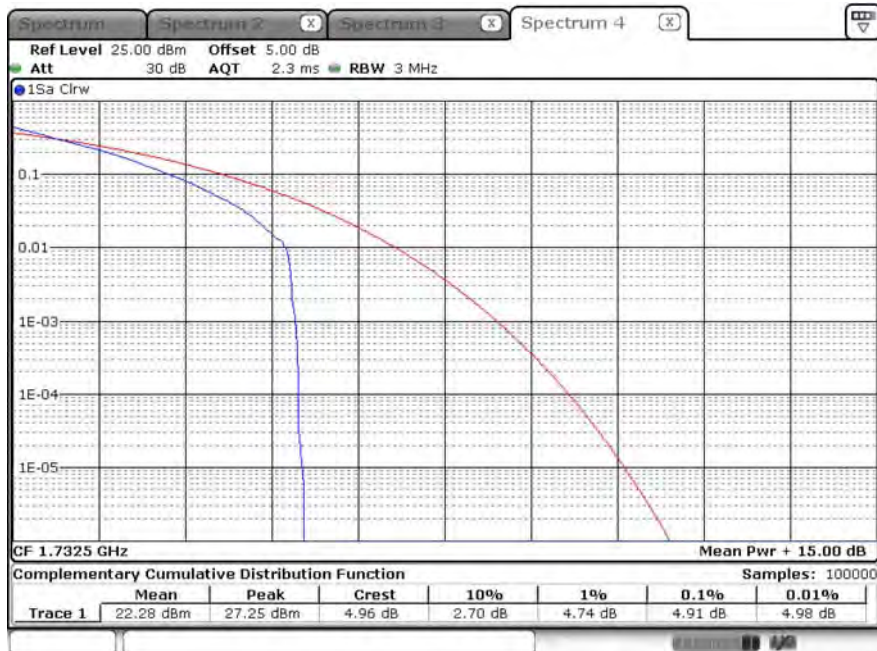
Date: 1.AUG 2019 15:10:43

B4_CH19975_5M_1RB12_16-QAM



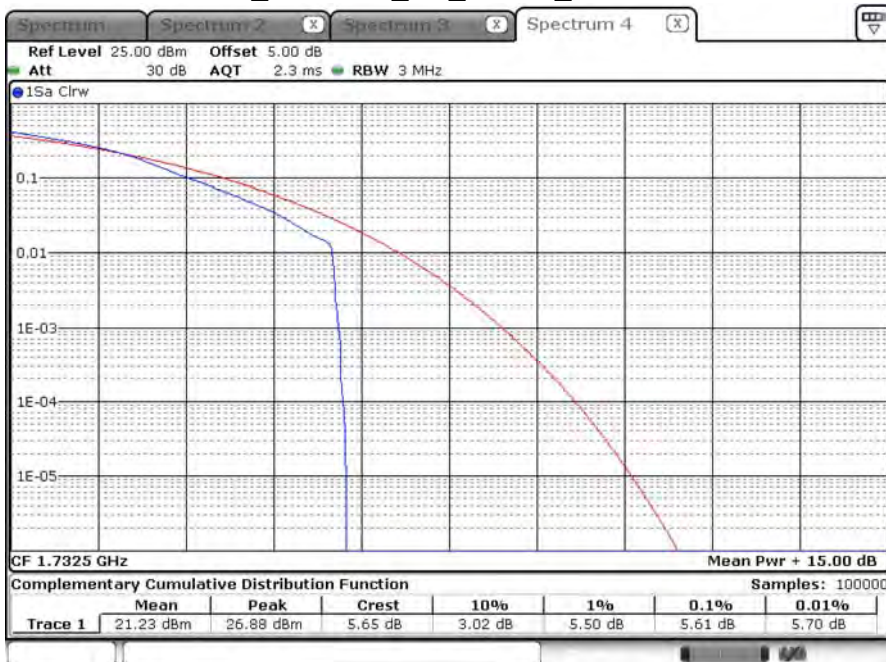
Date: 1.AUG 2019 15:09:56

B4_CH20175_5M_1RB12_QPSK



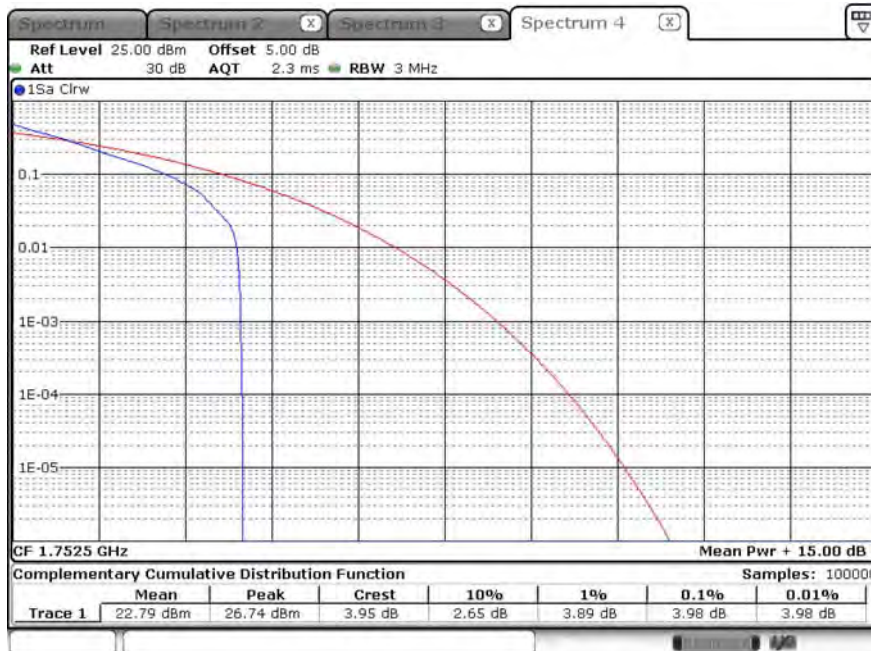
Date: 1.AUG.2019 15:11:43

B4_CH20175_5M_1RB12_16-QAM



Date: 1.AUG.2019 15:13:53

B4_CH20375_5M_1RB12_QPSK



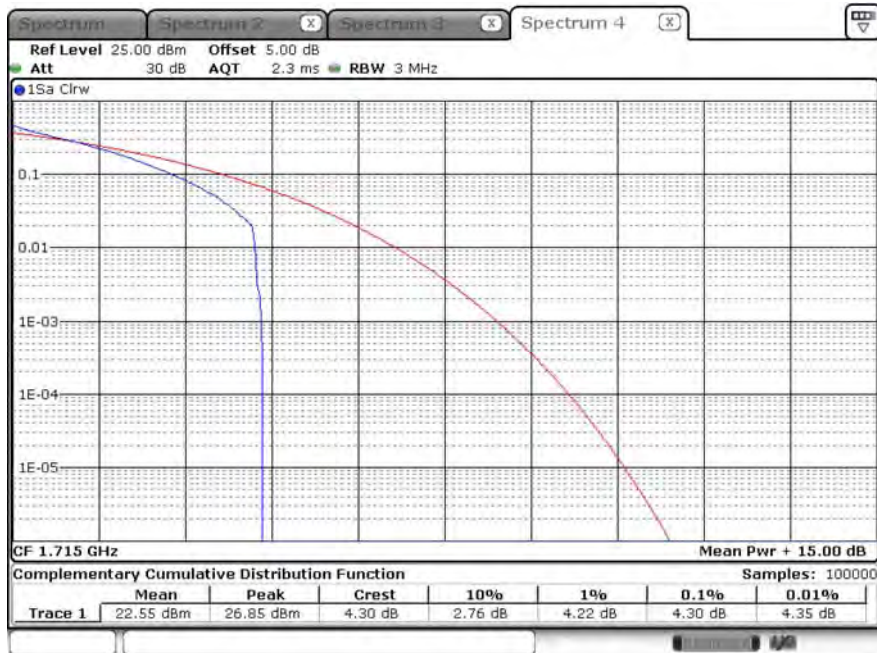
Date: 1.AUG.2019 15:16:06

B4_CH20375_5M_1RB12_16-QAM



Date: 1.AUG.2019 15:15:22

B4_CH20000_10M_1RB2_QPSK



Date: 1.AUG 2019 15:17:34

B4_CH20000_10M_1RB24_16-QAM



Date: 1.AUG 2019 15:18:14

B4_CH20175_10M_1RB24_QPSK



Date: 1.AUG 2019 15:20:10

B4_CH20175_10M_1RB24_16-QAM



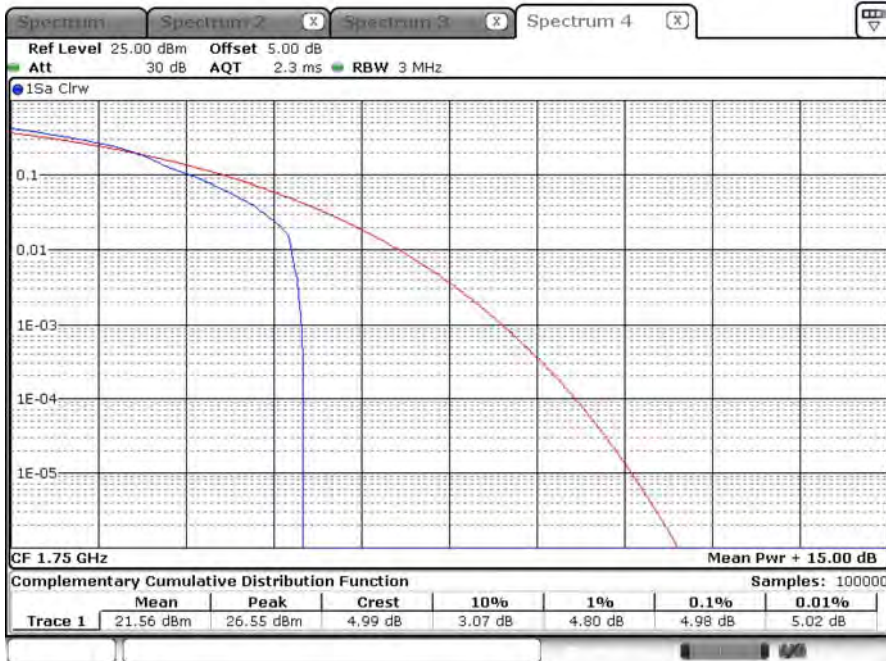
Date: 1.AUG 2019 15:19:24

B4_CH20350_10M_1RB24_QPSK



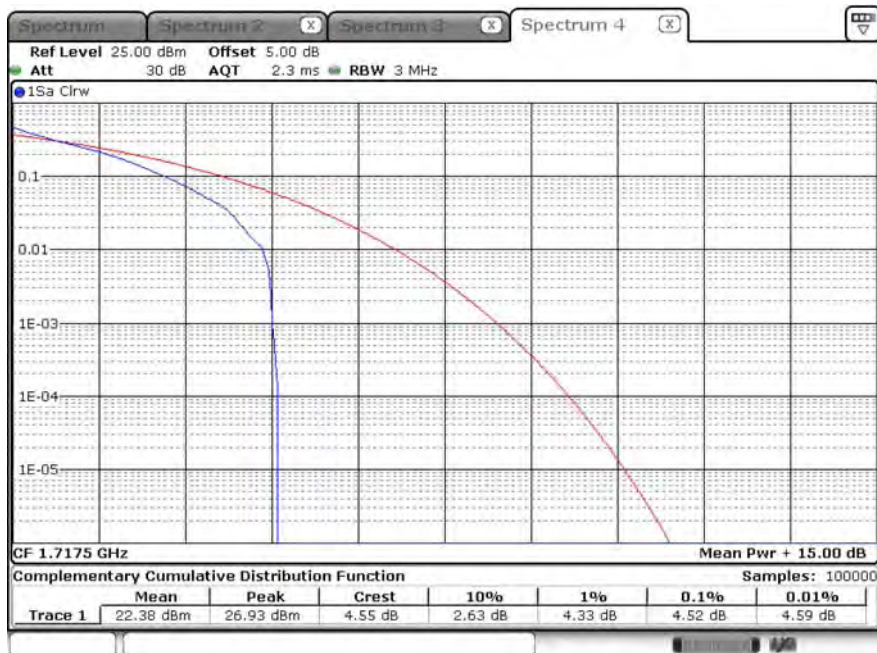
Date: 1.AUG 2019 15:21:23

B4_CH20350_10M_1RB24_16-QAM



Date: 1.AUG 2019 15:22:03

B4_CH20025_15M_1RB37_QPSK



Date: 1.AUG.2019 15:24:57

B4_CH20025_15M_1RB37_16-QAM



Date: 1.AUG.2019 15:24:20

B4_CH20175_15M_1RB37_QPSK



Date: 1.AUG 2019 15:26:02

B4_CH20175_15M_1RB37_16-QAM



Date: 1.AUG 2019 15:26:47

B4_CH20325_15M_1RB37_QPSK



Date: 1.AUG 2019 15:29:34

B4_CH20325_15M_1RB37_16-QAM



Date: 1.AUG 2019 15:28:34

B4_CH20050_20M_1RB49_QPSK_



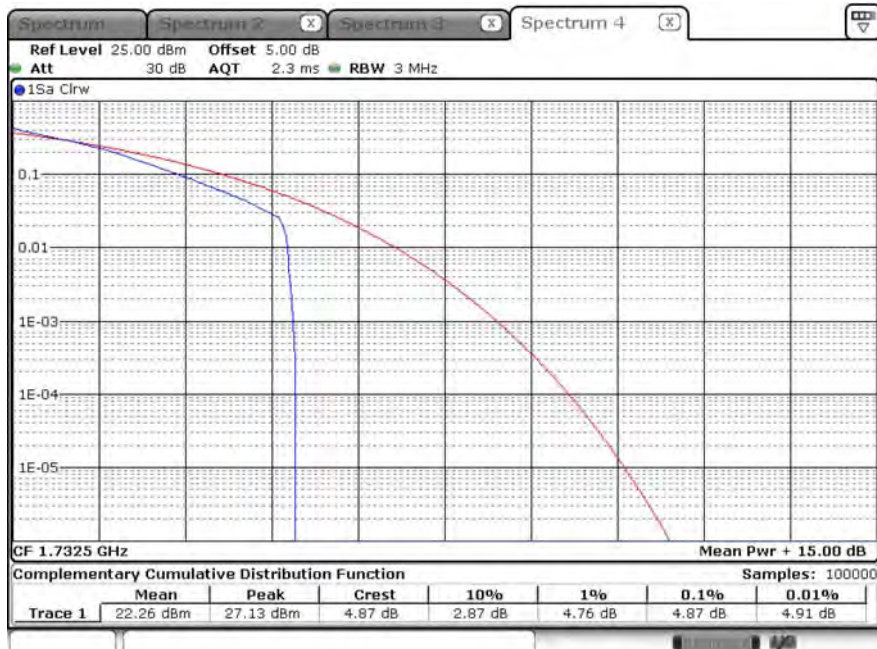
Date: 1.AUG 2019 15:33:51

B4_CH20050_20M_1RB49_16-QAM



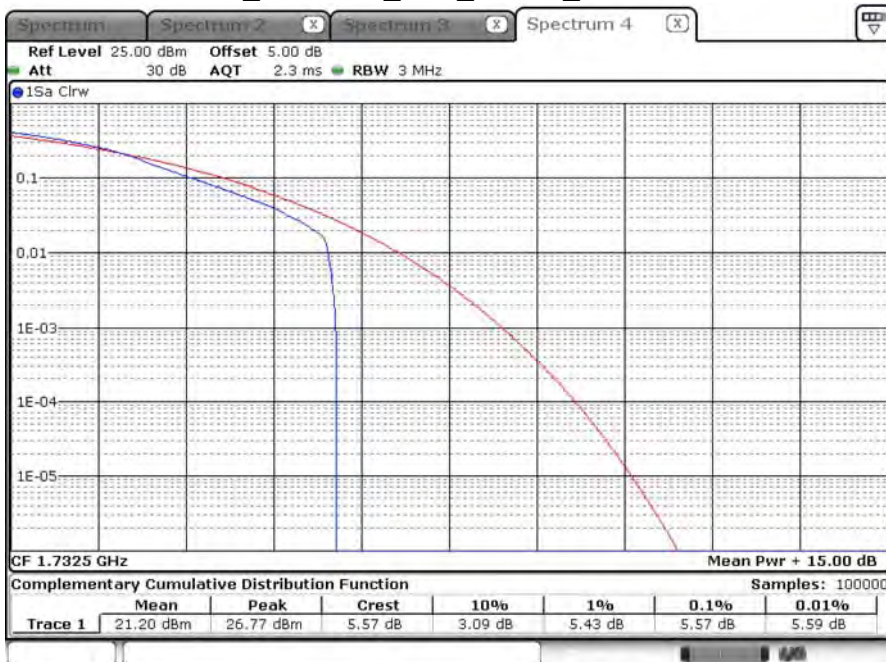
Date: 1.AUG 2019 15:34:33

B4_CH20175_20M_1RB49_QPSK



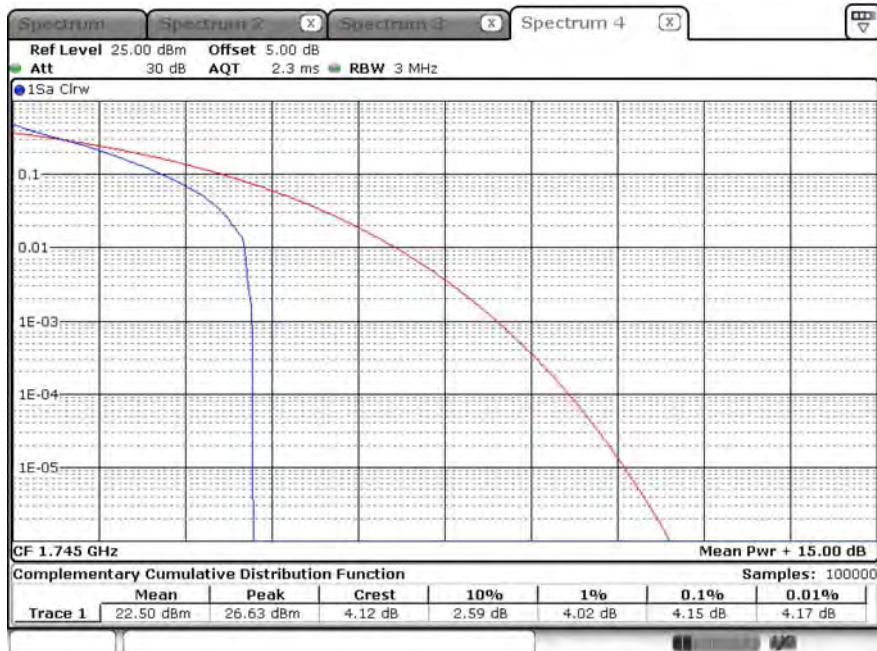
Date: 1.AUG 2019 15:38:10

B4_CH20175_20M_1RB49_16-QAM



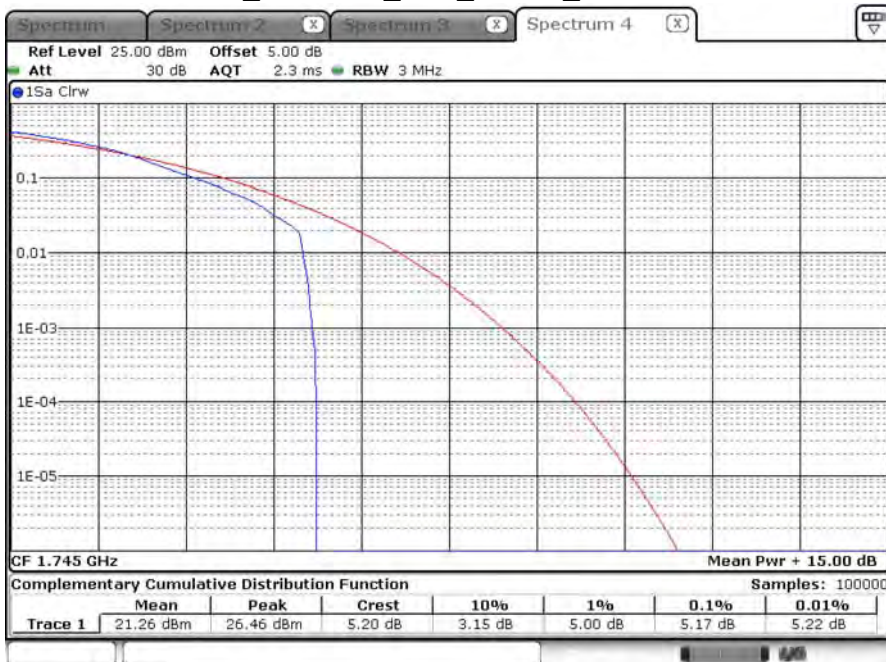
Date: 1.AUG 2019 15:37:30

B4_CH20300_20M_1RB49_QPSK



Date: 1.AUG 2019 15:39:06

B4_CH20300_20M_1RB49_16-QAM



Date: 1.AUG 2019 15:39:37

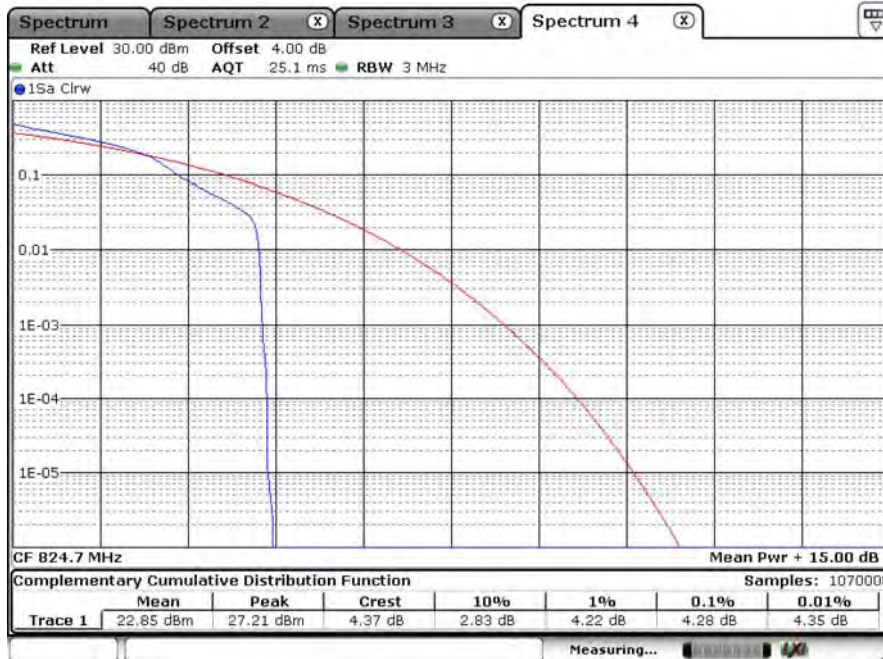
Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 3: LTE Band 5		
Date of Test	2019/08/06	Test Site	SR10-H

B5_CH20407_1.4M_1RB2_QPSK



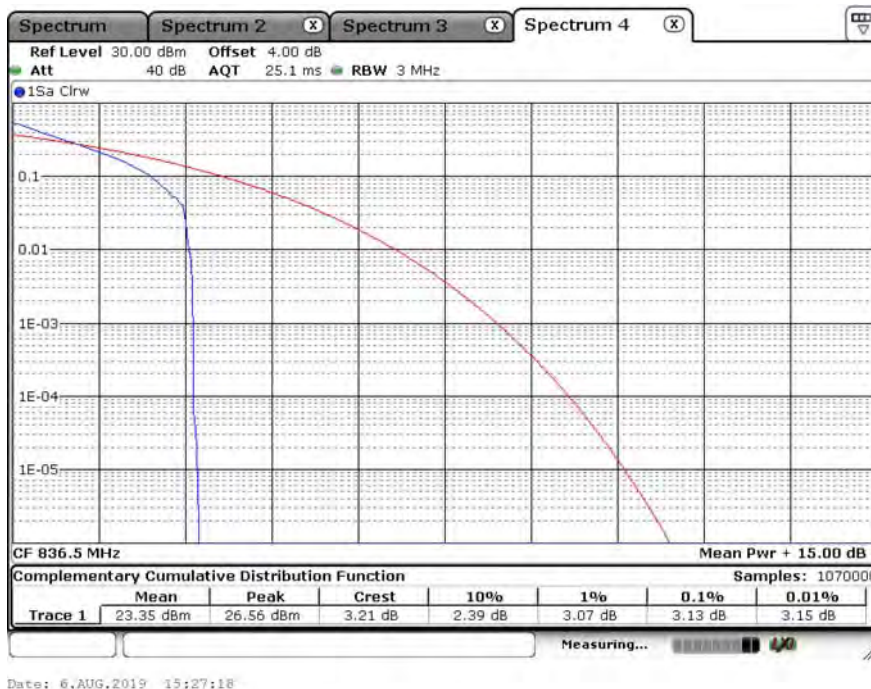
Date: 6.AUG.2019 15:23:41

B5_CH20407_1.4M_1RB2_16-QAM



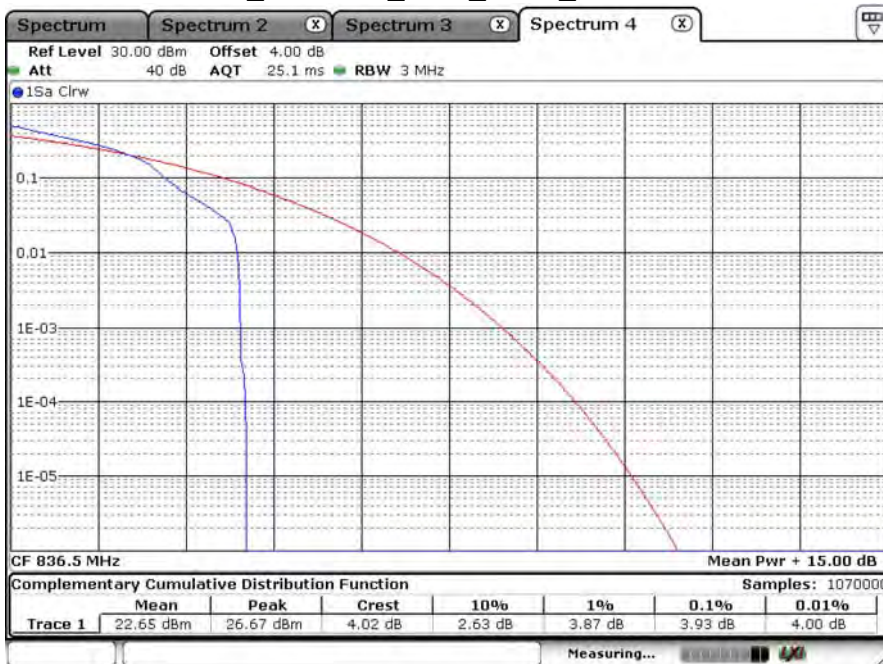
Date: 6.AUG.2019 15:25:43

B5_CH20525_1.4M_1RB2_QPSK



Date: 6.AUG.2019 15:27:18

B5_CH20525_1.4M_1RB2_16-QAM



Date: 6.AUG.2019 15:27:52

B5_CH20643_1.4M_1RB2_QPSK



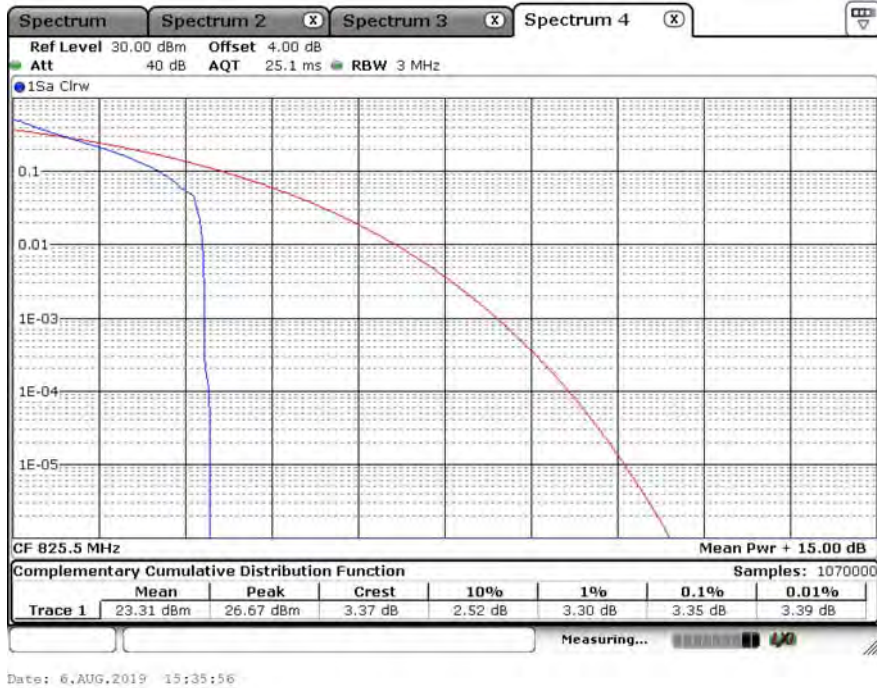
Date: 6.AUG.2019 15:29:11

B5_CH20643_1.4M_1RB2_16-QAM



Date: 6.AUG.2019 15:29:54

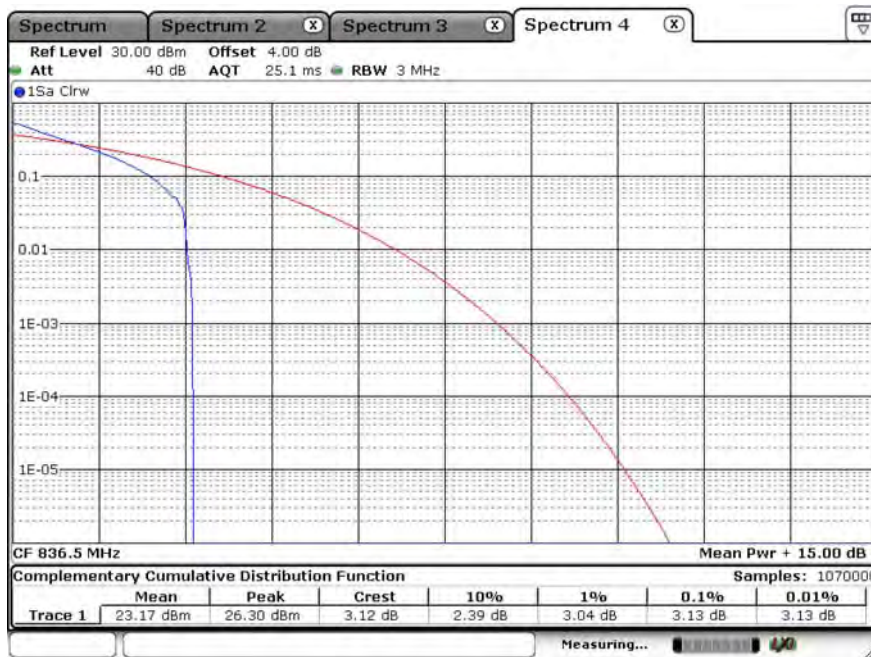
B5_CH20415_3M_1RB7_QPSK



B5_CH20415_3M_1RB7_16-QAM

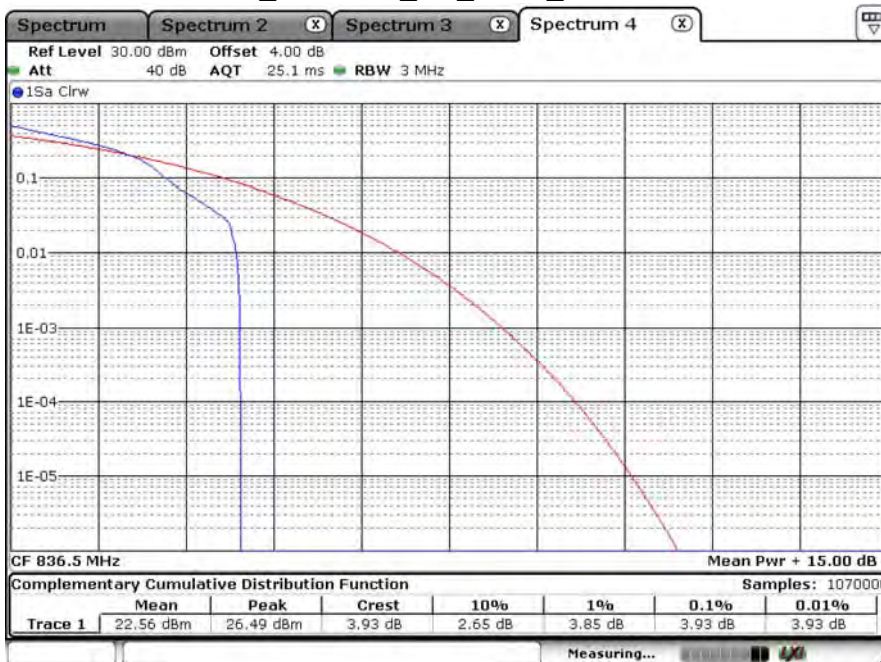


B5_CH20525_3M_1RB7_QPSK



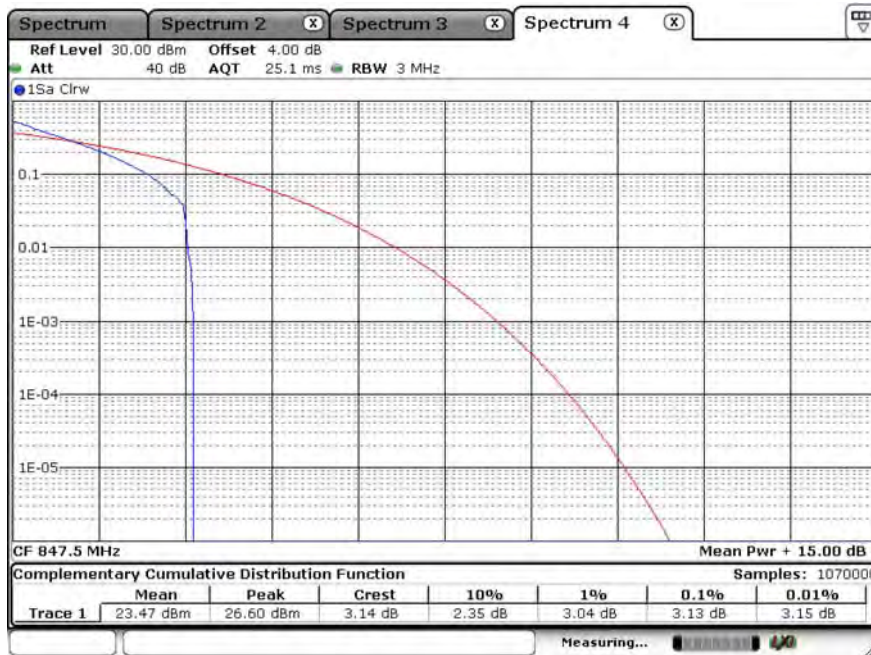
Date: 6.AUG.2019 15:37:28

B5_CH20525_3M_1RB7_16-QAM



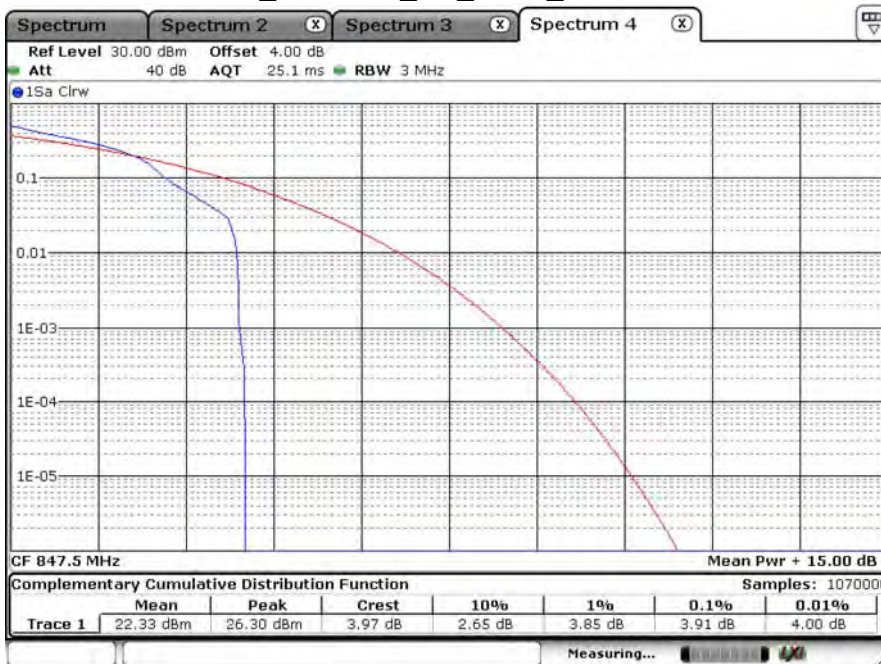
Date: 6.AUG.2019 15:38:45

B5_CH20635_3M_1RB7_QPSK



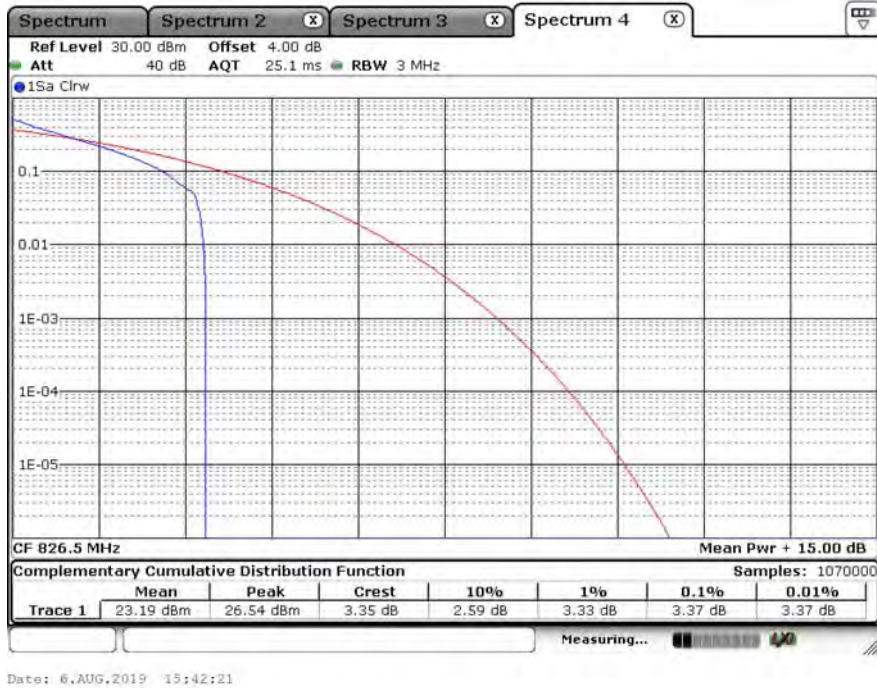
Date: 6.AUG.2019 15:40:16

B5_CH20635_3M_1RB7_16-QAM



Date: 6.AUG.2019 15:40:48

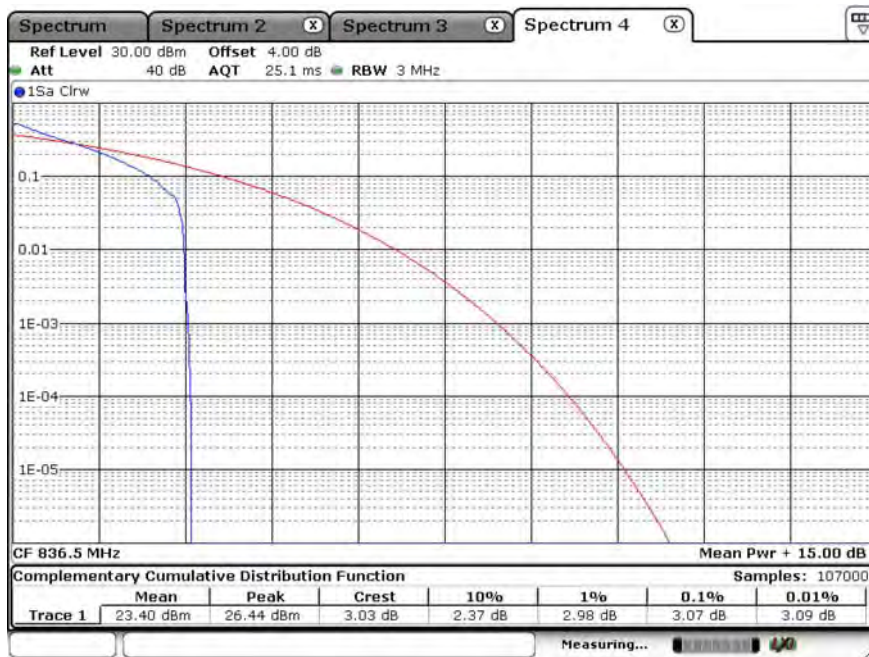
B5_CH20425_5M_1RB12_QPSK



B5_CH20425_5M_1RB12_16-QAM



B5_CH20525_5M_1RB12_QPSK



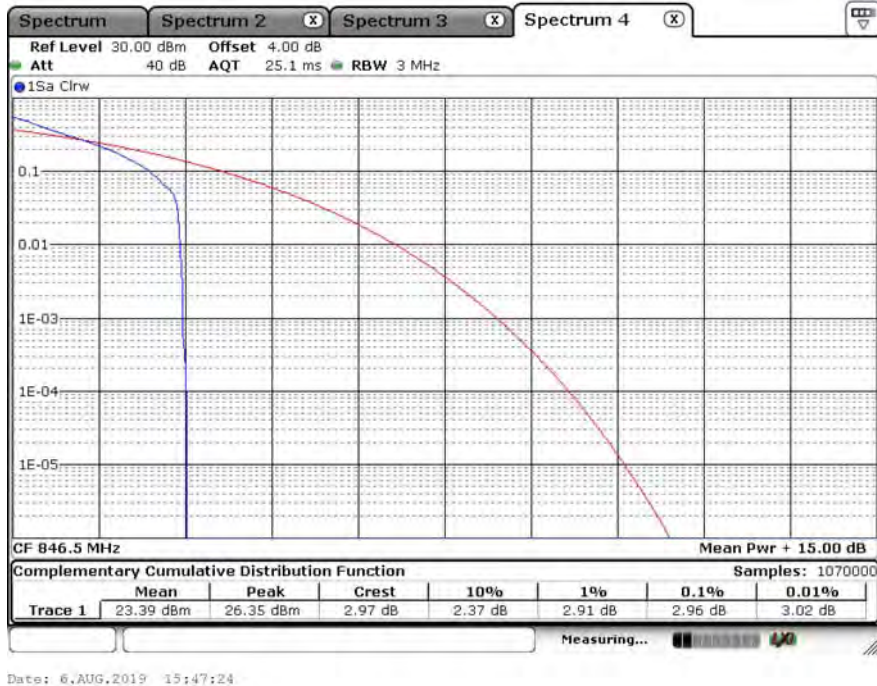
Date: 6.AUG.2019 15:45:22

B5_CH20525_5M_1RB12_16-QAM



Date: 6.AUG.2019 15:45:45

B5_CH20625_5M_1RB12_QPSK



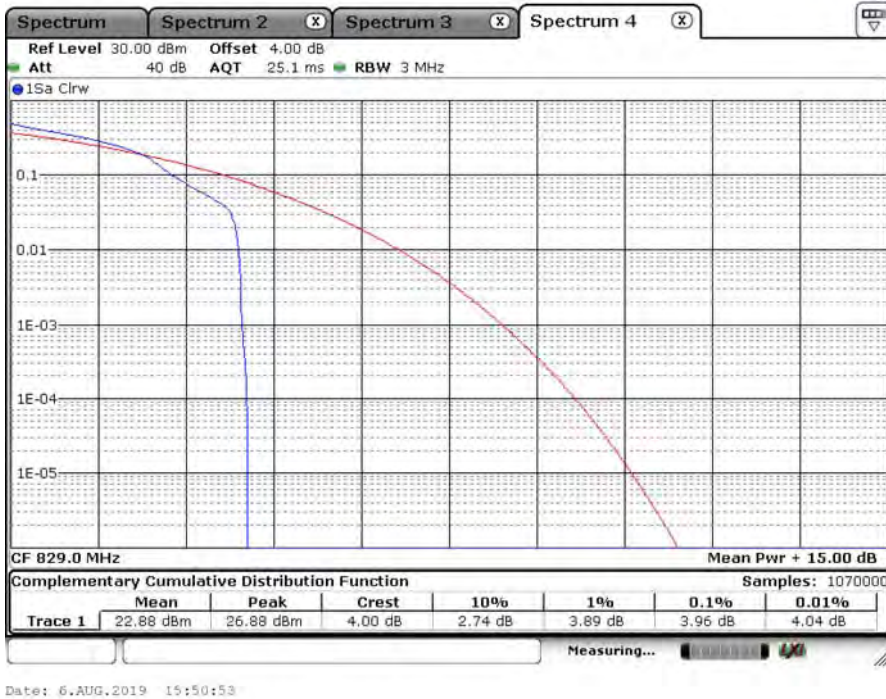
B5_CH20625_5M_1RB12_16-QAM



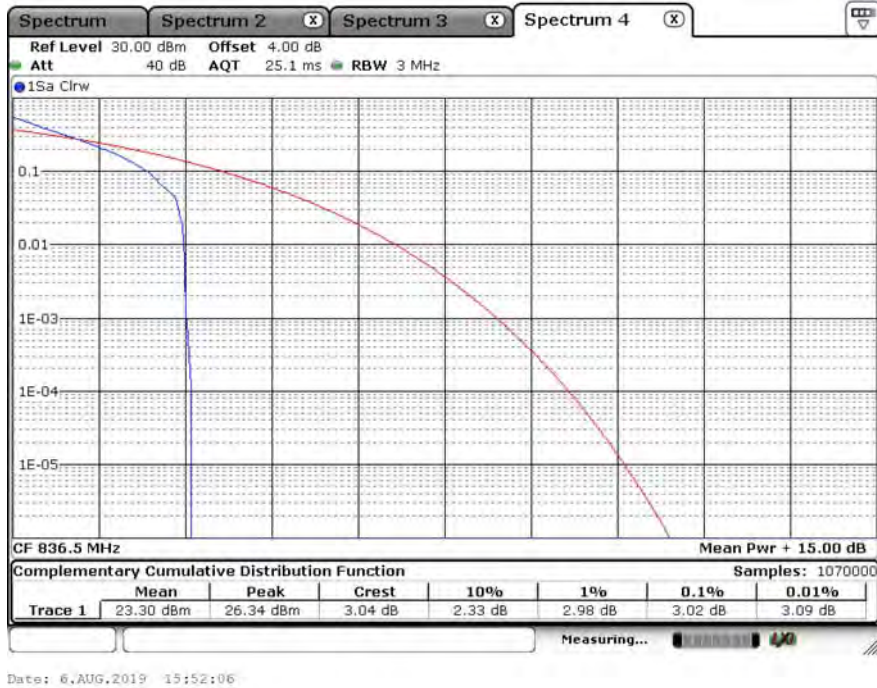
B5_CH20450_10M_1RB24_QPSK



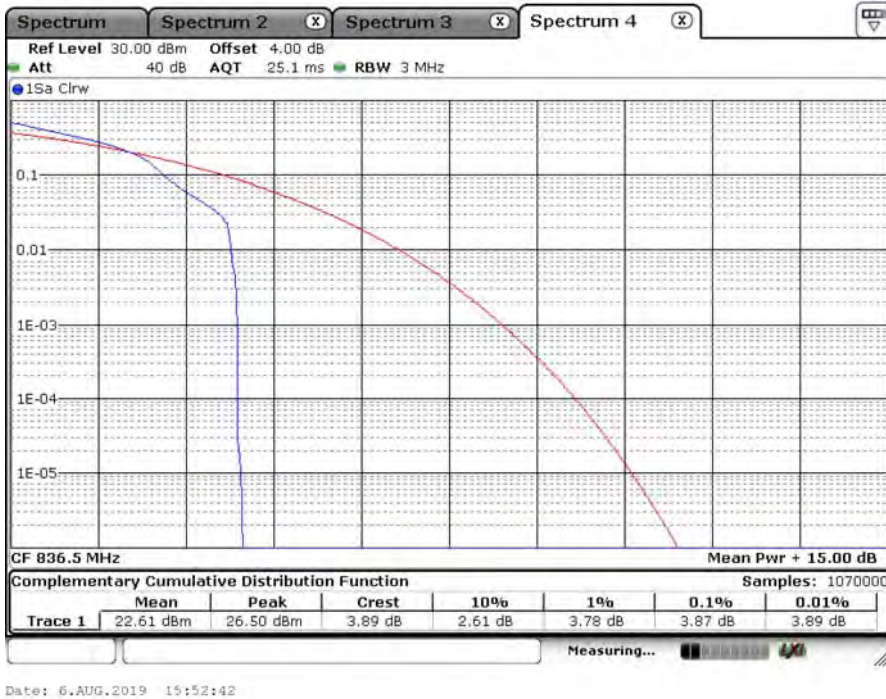
B5_CH20450_10M_1RB24_16-QAM



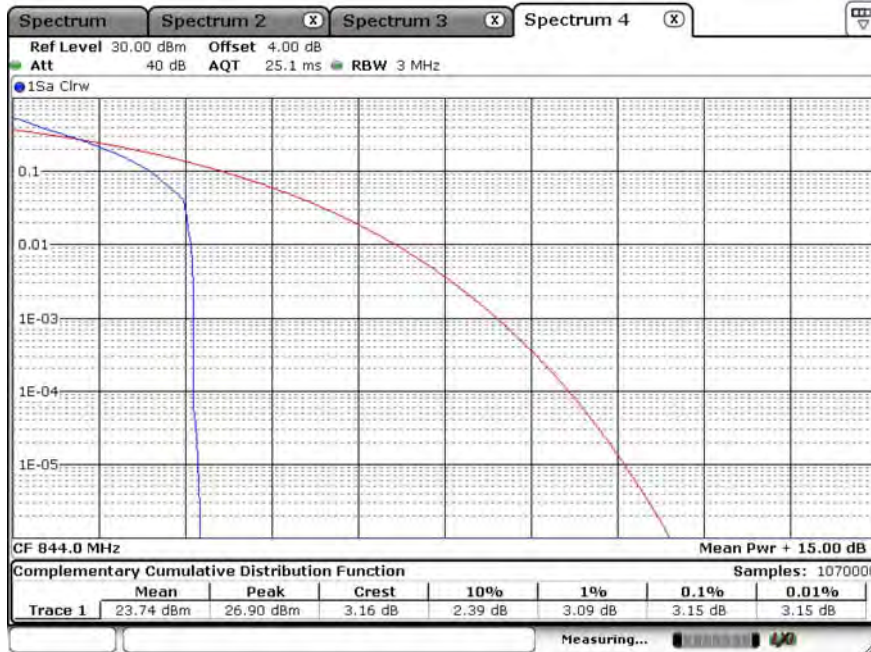
B5_CH20525_10M_1RB24_QPSK



B5_CH20525_10M_1RB24_16-QAM

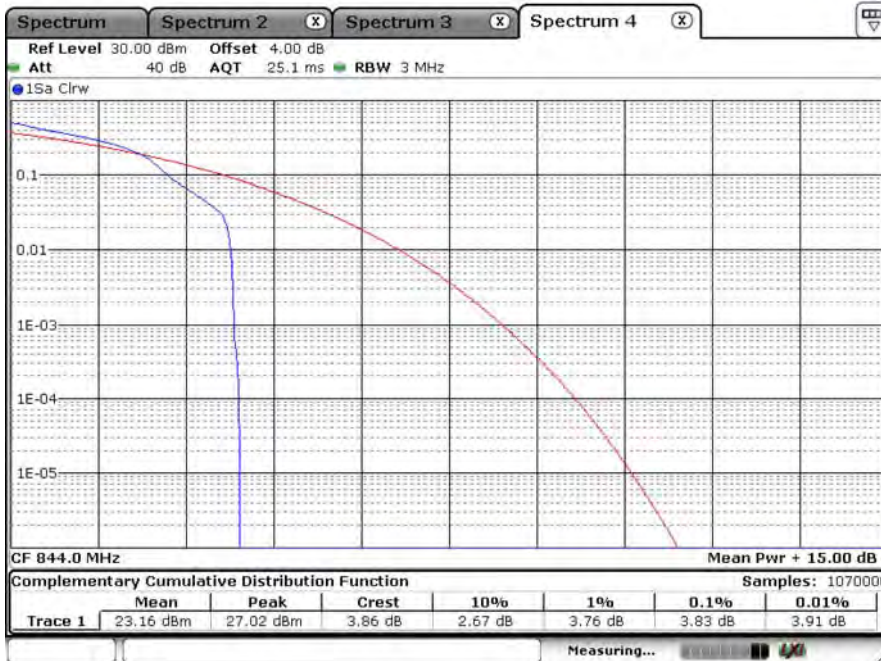


B5_CH20600_10M_1RB24_QPSK



Date: 6.AUG.2019 15:53:44

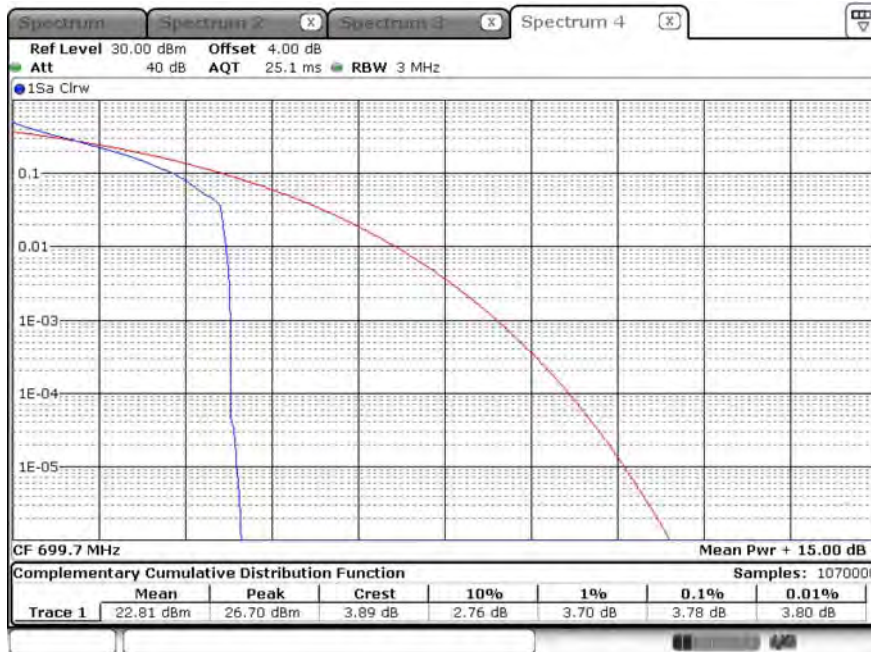
B5_CH20600_10M_1RB24_16-QAM



Date: 6.AUG.2019 15:54:32

Product	Module		
Test Item	Peak To Average Ratio		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/08/15	Test Site	SR10-H

B12_CH23017_1.4M_1RB2_QPSK



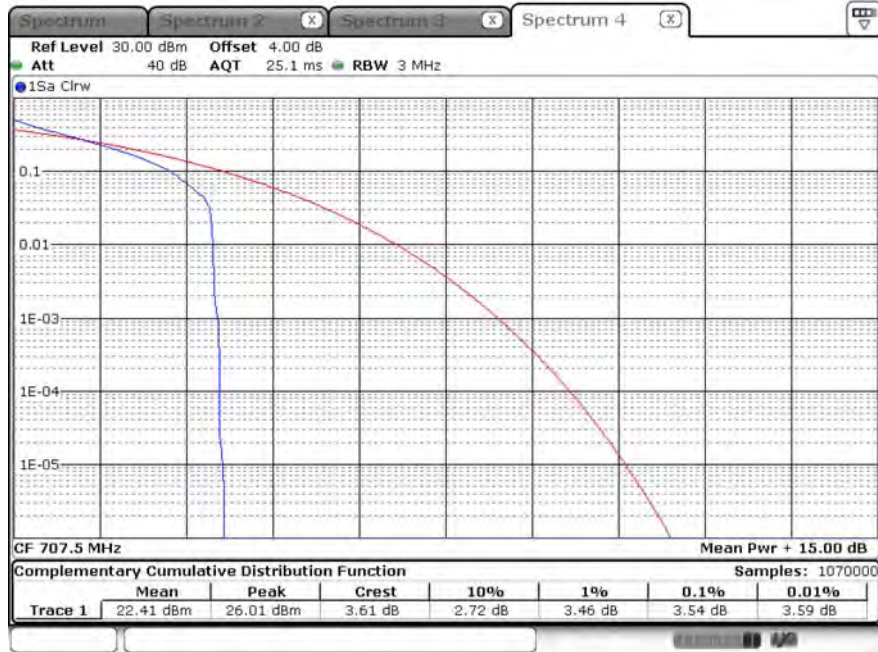
Date: 15 AUG 2019 09:27:12

B12_CH23017_1.4M_1RB2_16-QAM



Date: 15 AUG 2019 09:28:56

B12_CH23097_1.4M_1RB2_QPSK



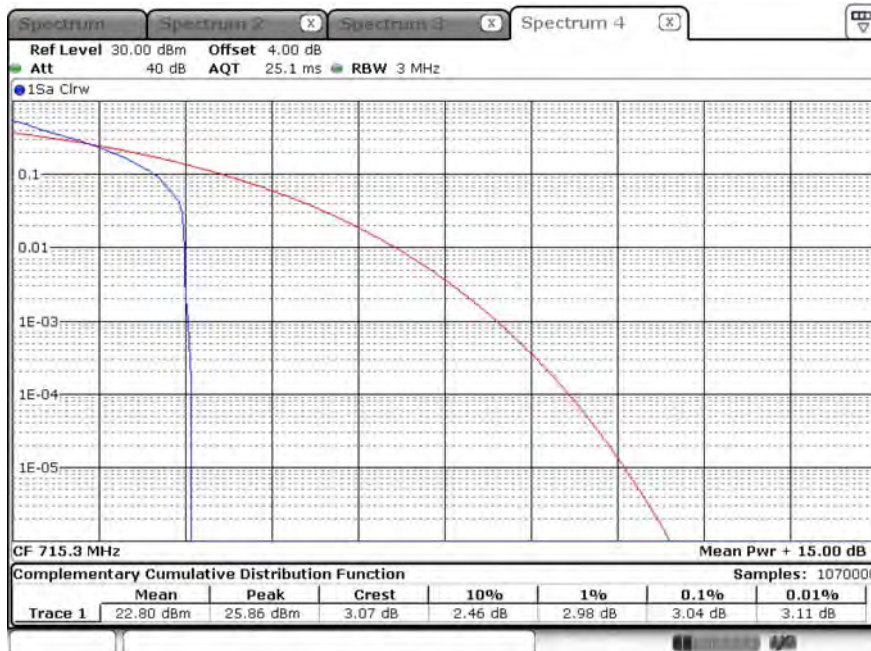
Date: 15.AUG.2019 09:32:41

B12_CH23097_1.4M_1RB2_16-QAM



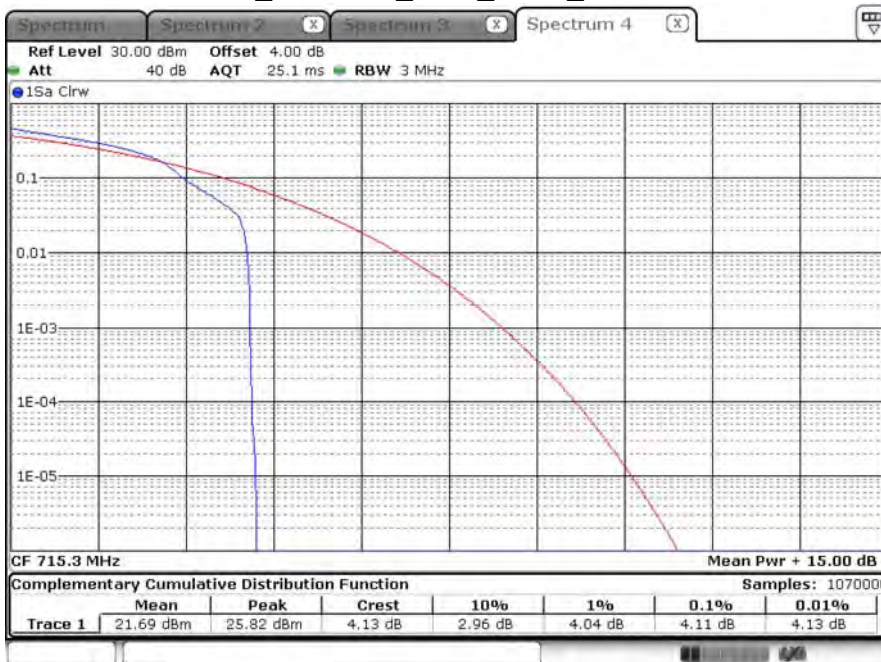
Date: 15.AUG.2019 09:36:01

B12_CH23173_1.4M_1RB2_QPSK



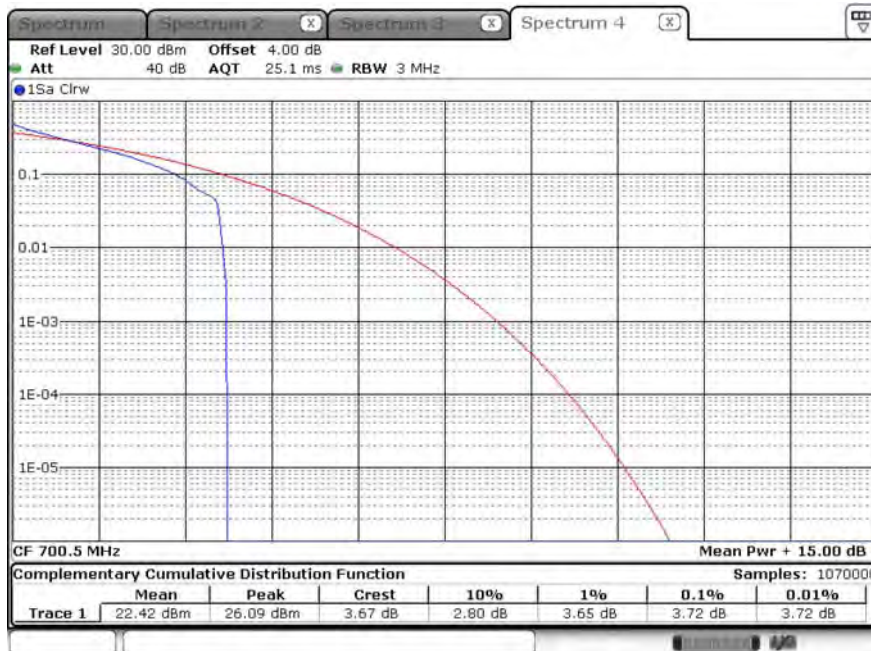
Date: 15.AUG.2019 09:39:10

B12_CH23173_1.4M_1RB2_16-QAM



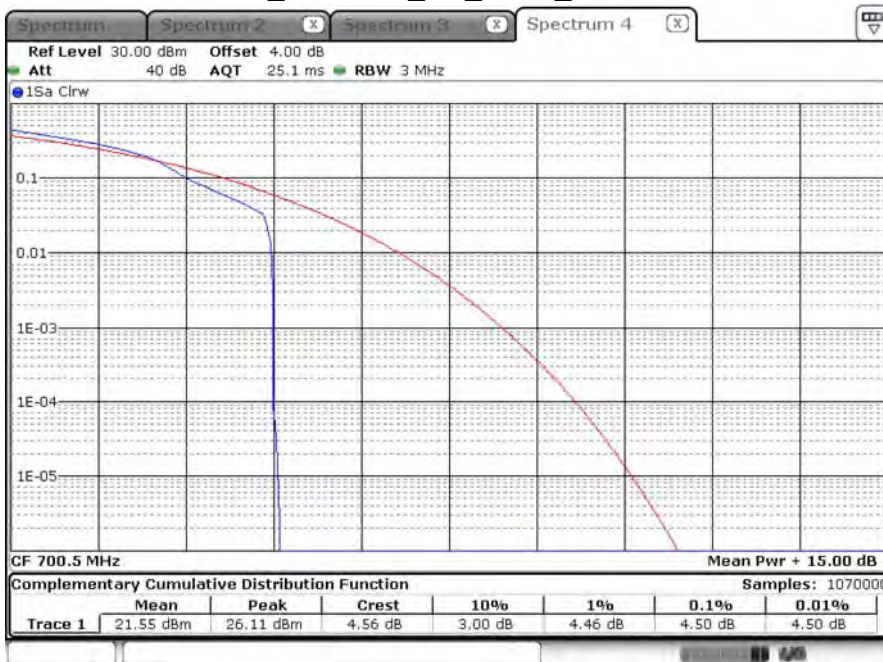
Date: 15.AUG.2019 09:46:52

B12_CH23025_3M_1RB7_QPSK



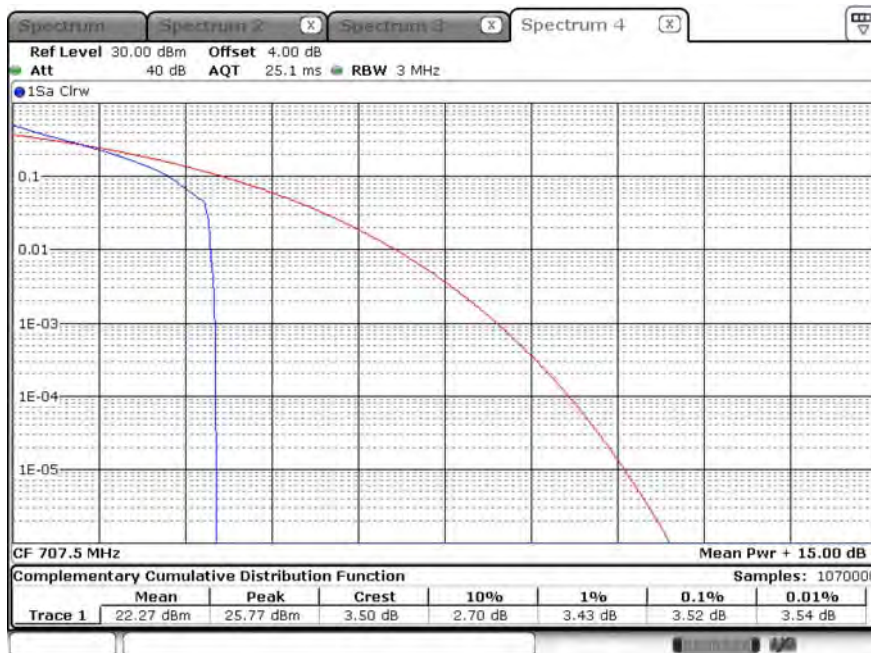
Date: 15.AUG.2019 09:56:18

B12_CH23025_3M_1RB7_16-QAM



Date: 15.AUG.2019 09:58:03

B12_CH23095_3M_1RB7_QPSK



Date: 15.AUG.2019 10:10:20

B12_CH23095_3M_1RB7_16-QAM



Date: 15.AUG.2019 10:14:54

B12_CH23165_3M_1RB7_QPSK



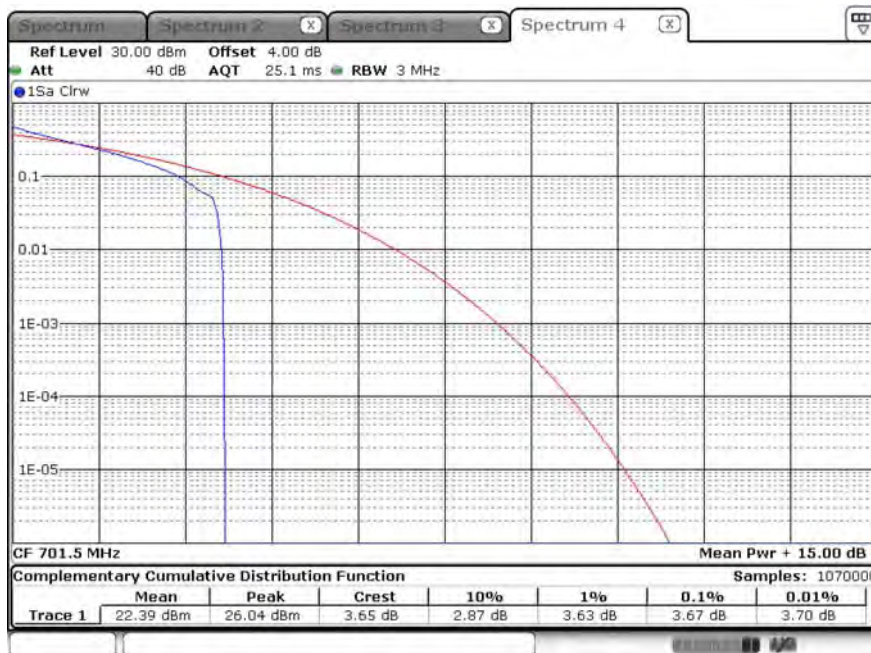
Date: 15.AUG.2019 10:16:40

B12_CH23165_3M_1RB7_16-QAM



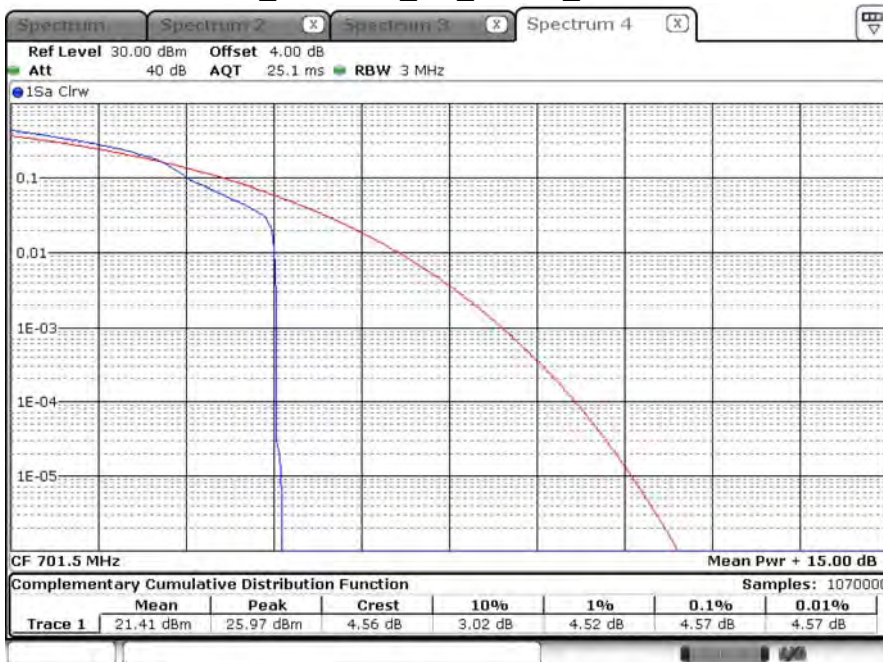
Date: 15.AUG.2019 10:18:27

B12_CH23035_5M_1RB12_QPSK



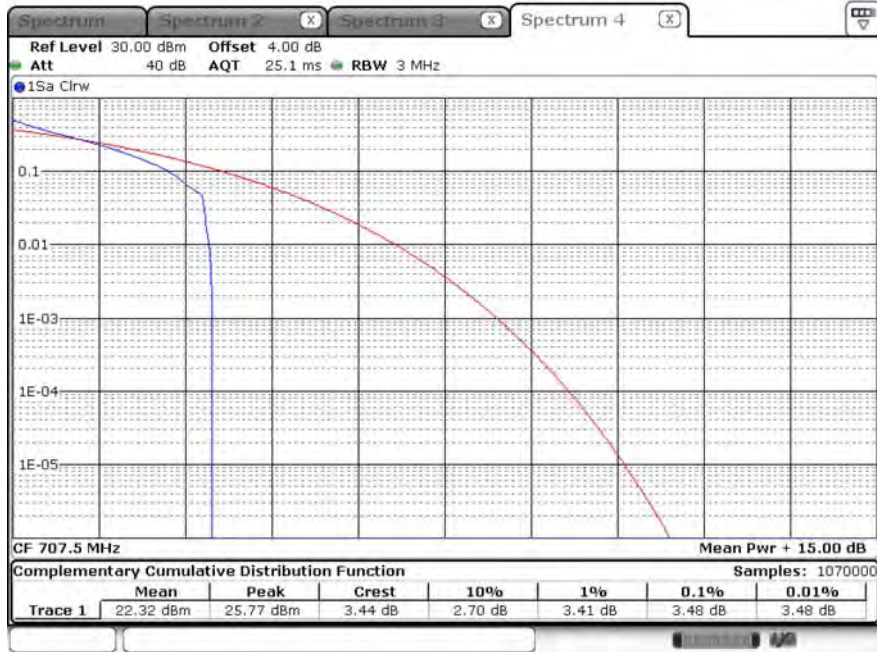
Date: 15.AUG.2019 10:35:39

B12_CH23035_5M_1RB12_16-QAM



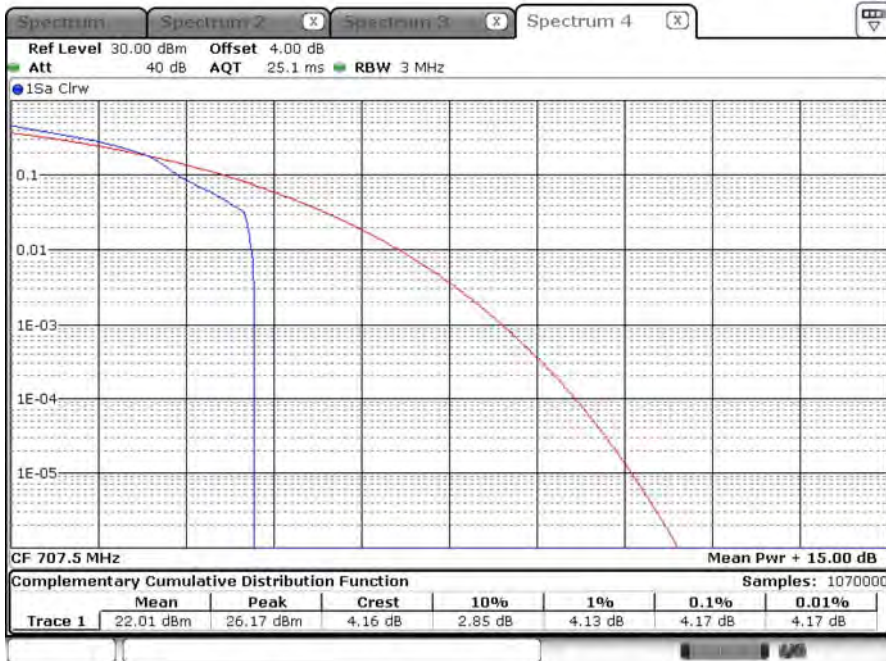
Date: 15.AUG.2019 10:36:49

B12_CH23095_5M_1RB12_QPSK



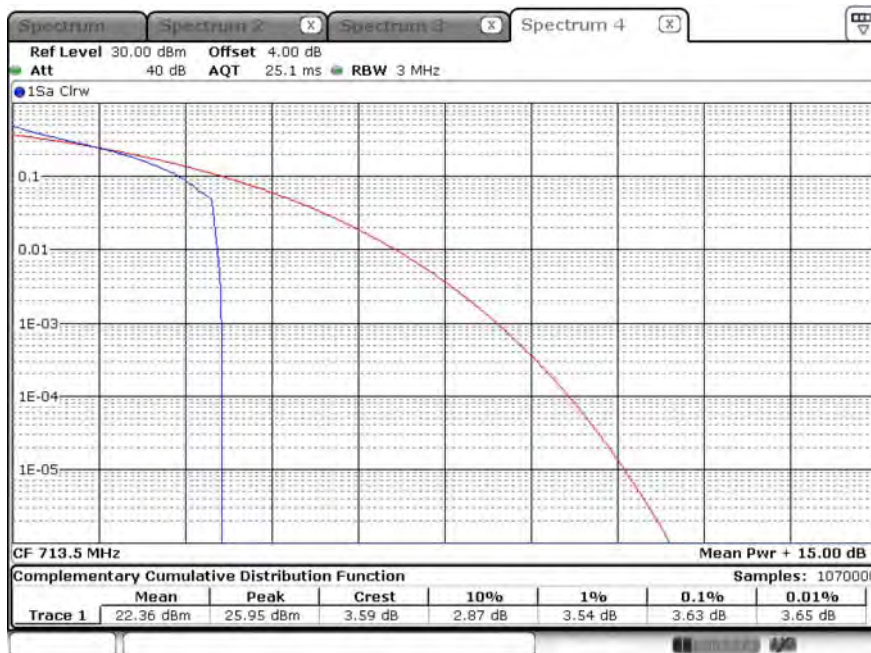
Date: 15.AUG.2019 10:40:14

B12_CH23095_5M_1RB12_16-QAM



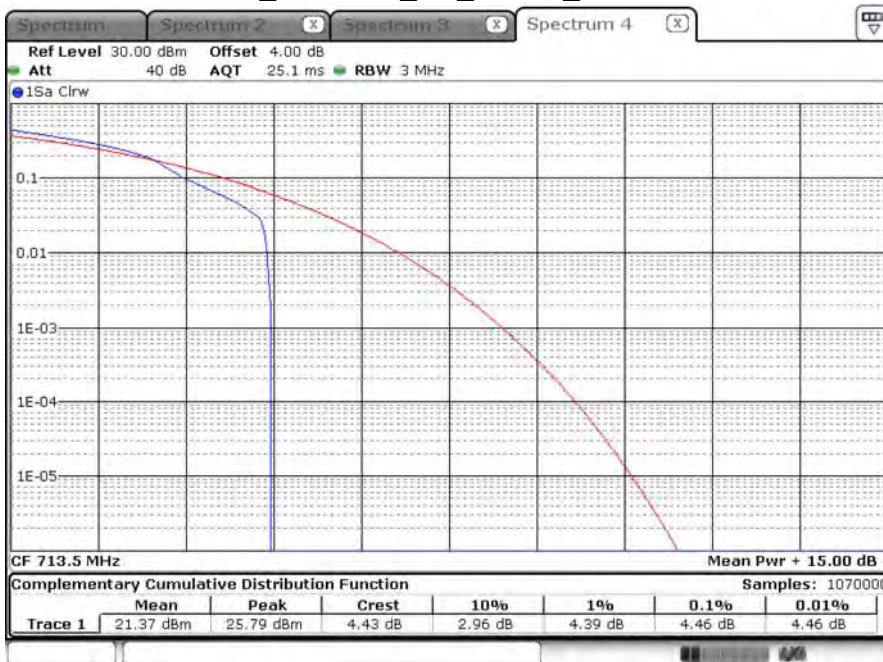
Date: 15.AUG.2019 10:42:20

B12_CH23155_5M_1RB12_QPSK



Date: 15.AUG.2019 10:48:07

B12_CH23155_5M_1RB12_16-QAM



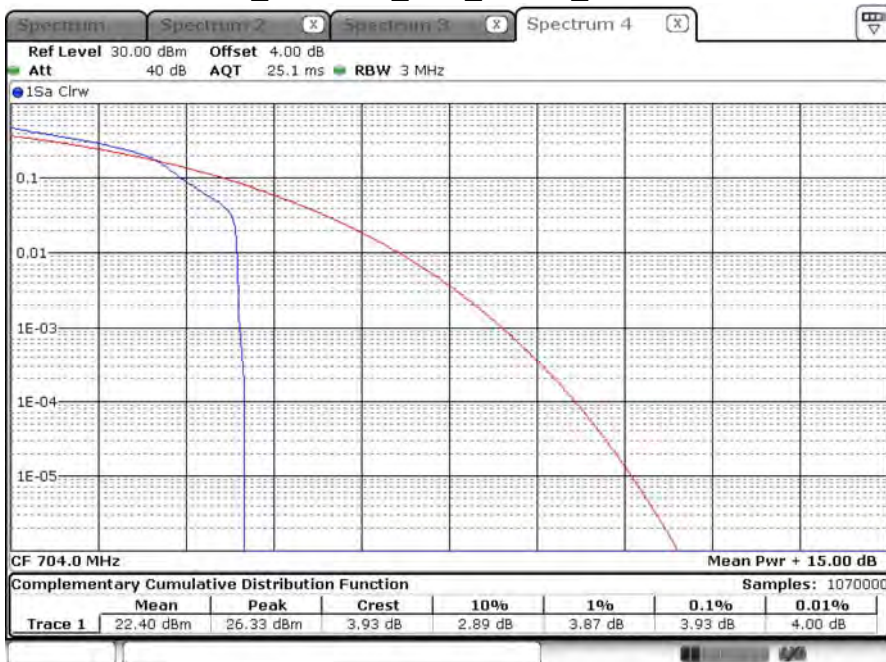
Date: 15.AUG.2019 10:51:01

B12_CH23060_10M_1RB24_QPSK



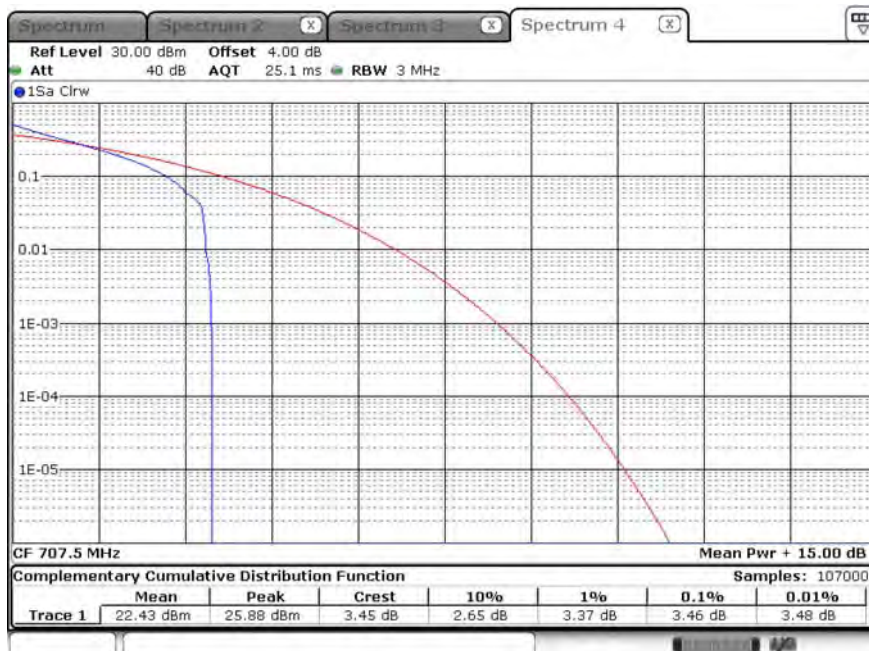
Date: 15.AUG.2019 10:54:23

B12_CH23060_10M_1RB24_16-QAM



Date: 15.AUG.2019 10:58:37

B12_CH23095_10M_1RB24_QPSK



Date: 15.AUG.2019 11:03:34

B12_CH23095_10M_1RB24_16-QAM



Date: 15.AUG.2019 11:05:31