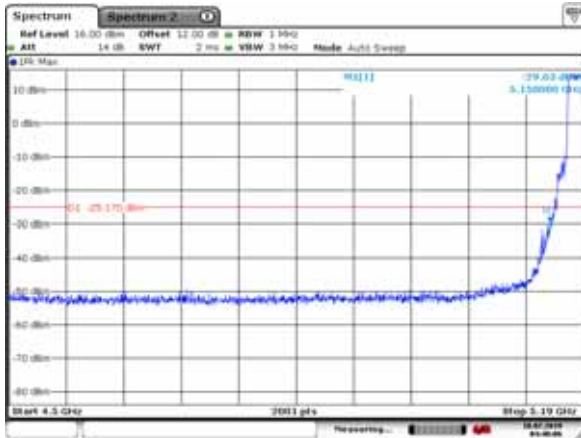


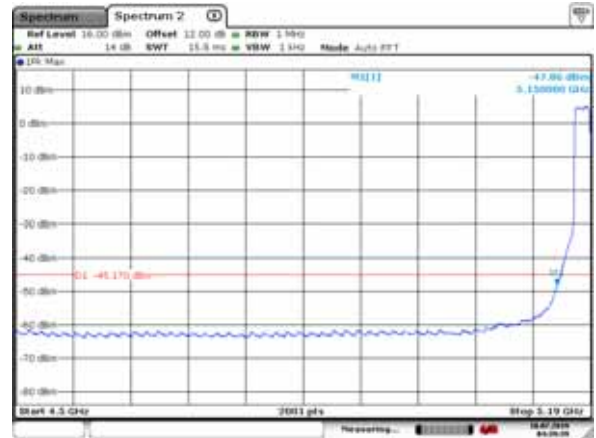
802.11ac(20MHz)

5180MHz with SISO



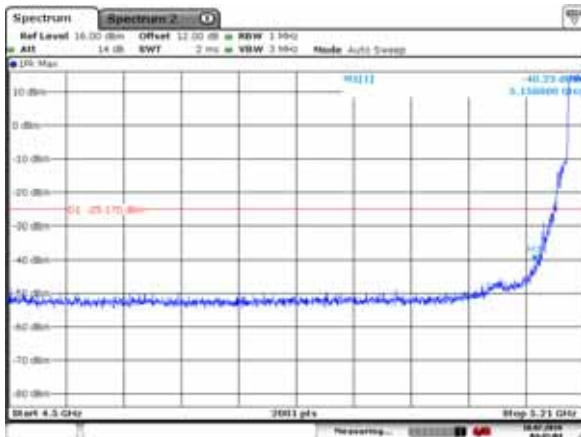
Date: 18. JUL. 2019 04:40:06

5180MHz with SISO



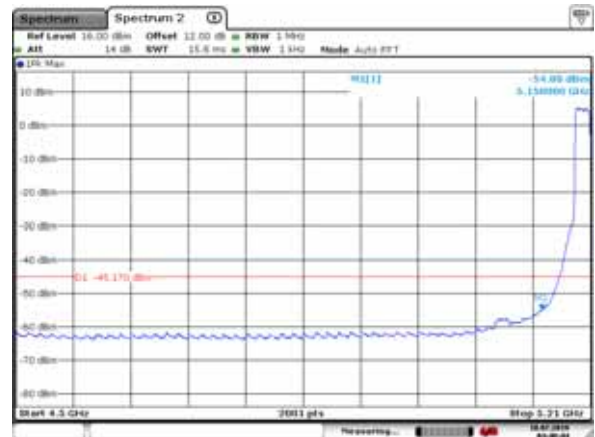
Date: 18. JUL. 2019 04:39:39

5200MHz with SISO



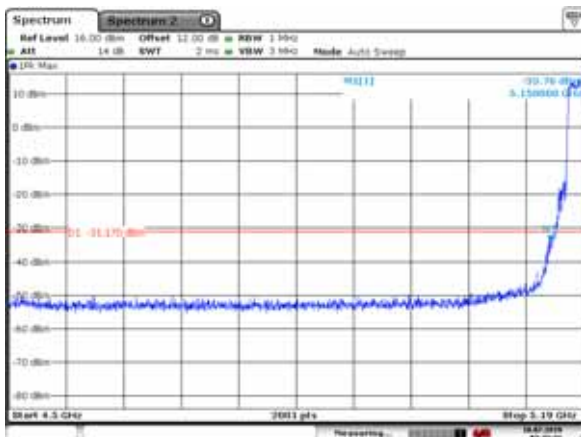
Date: 18. JUL. 2019 04:41:04

5200MHz with SISO



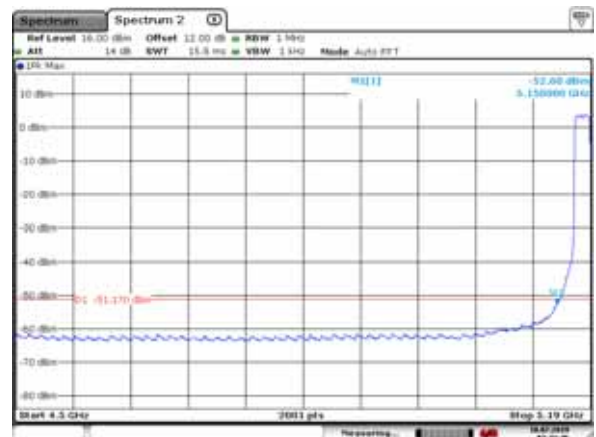
Date: 18. JUL. 2019 04:40:44

5180MHz with CDD



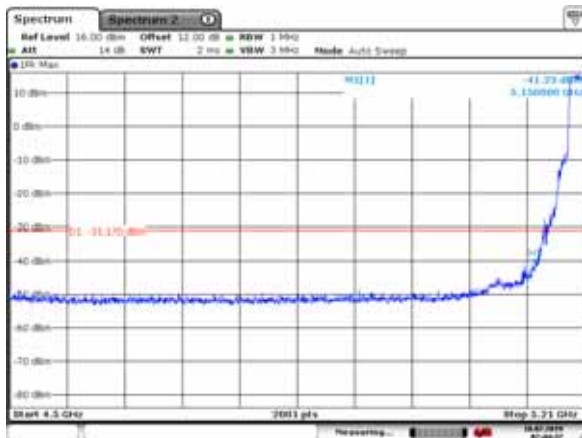
Date: 18. JUL. 2019 07:43:21

5180MHz with CDD



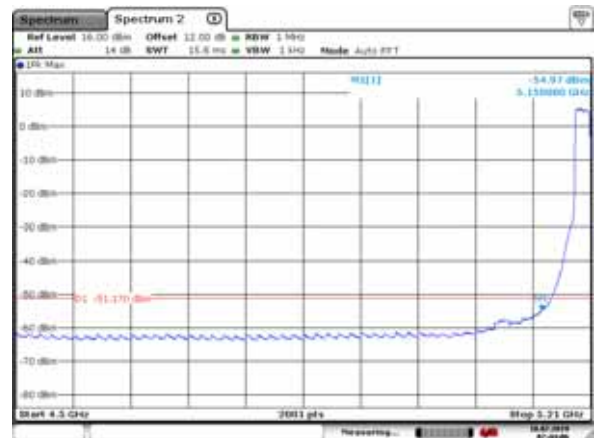
Date: 18. JUL. 2019 07:42:46

5200MHz with CDD



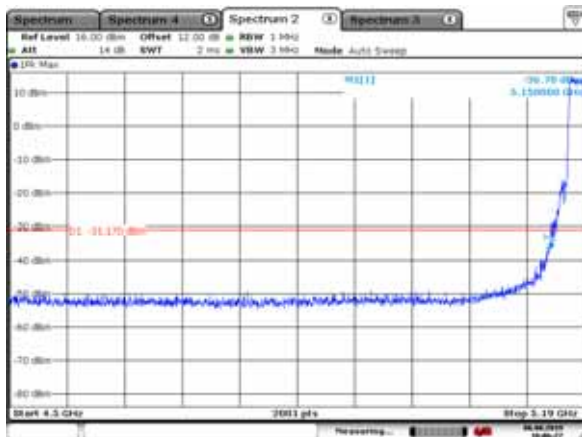
Date: 18. JUL. 2019 07:44:37

5200MHz with CDD



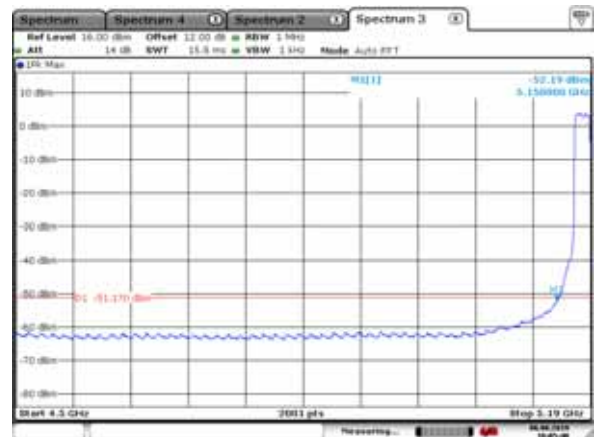
Date: 18. JUL. 2019 07:44:06

5180MHz with Beamforming



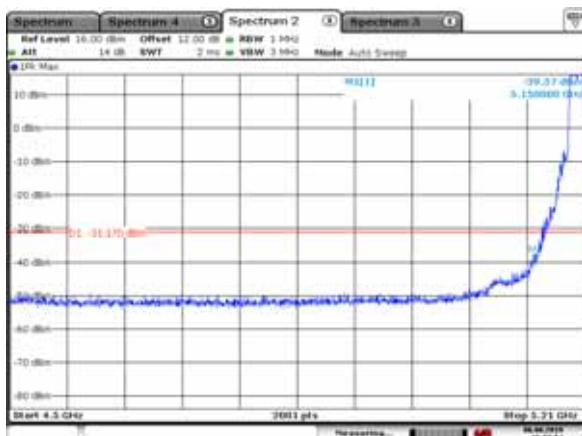
Date: 6. AUG. 2019 10:06:28

5180MHz with Beamforming



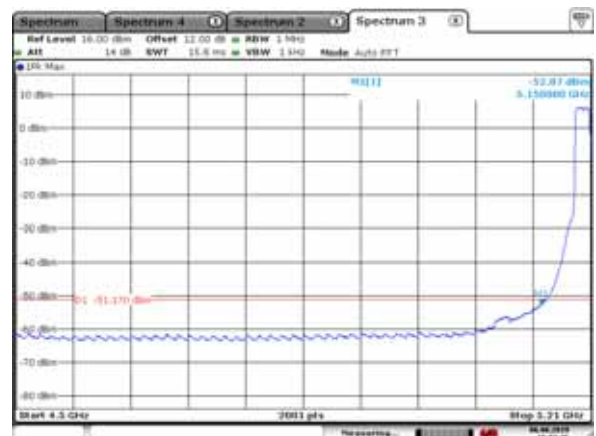
Date: 6. AUG. 2019 10:05:41

5200MHz with Beamforming



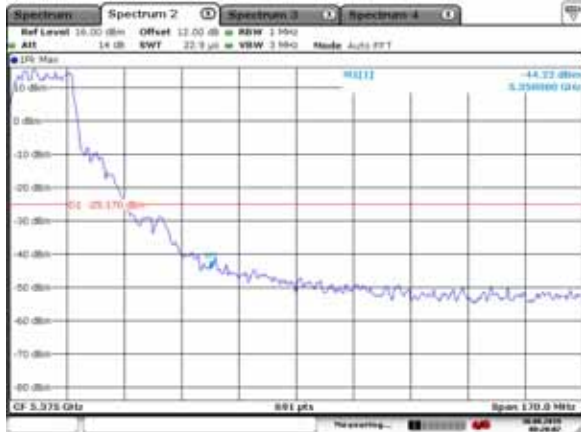
Date: 6. AUG. 2019 10:07:55

5200MHz with Beamforming



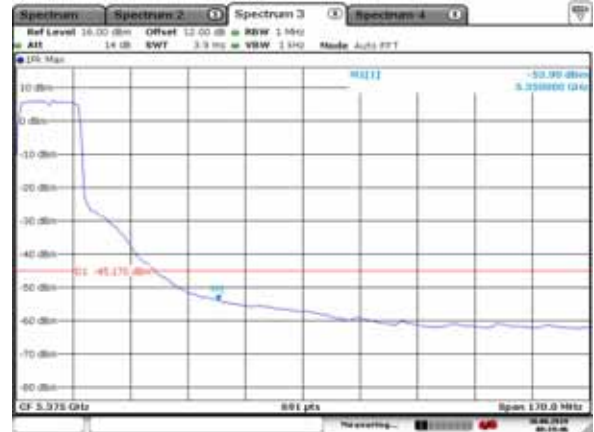
Date: 6. AUG. 2019 10:07:37

5300MHz with SISO



Data: 20.00.2019 09:23:07

5300MHz with SISO



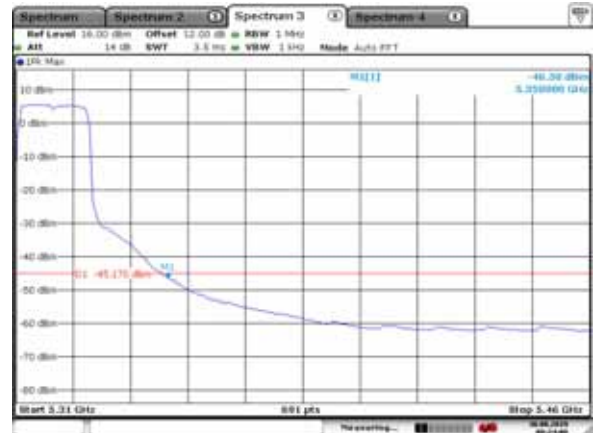
Data: 20.00.2019 09:23:08

5320MHz with SISO



Data: 20.00.2019 09:24:01

5320MHz with SISO



Data: 20.00.2019 09:24:08

5300MHz with CDD



Data: 20.00.2019 09:27:08

5300MHz with CDD



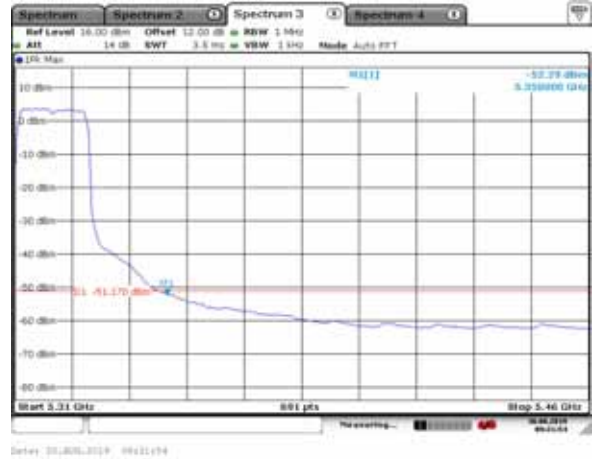
Data: 20.00.2019 09:27:29

5320MHz with CDD



Data: 20.06.2019 09:02:19

5320MHz with CDD



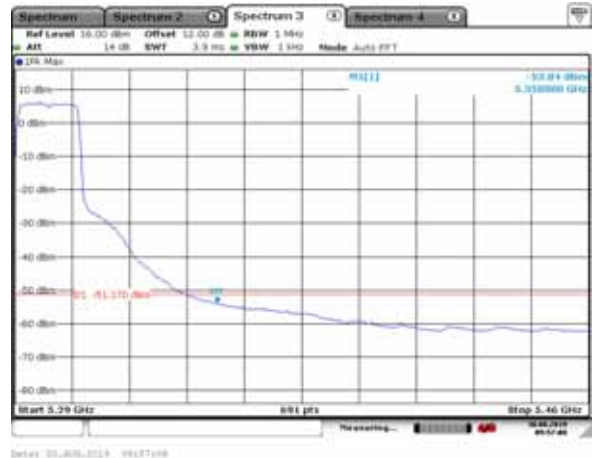
Data: 20.06.2019 09:11:54

5300MHz with Beamforming



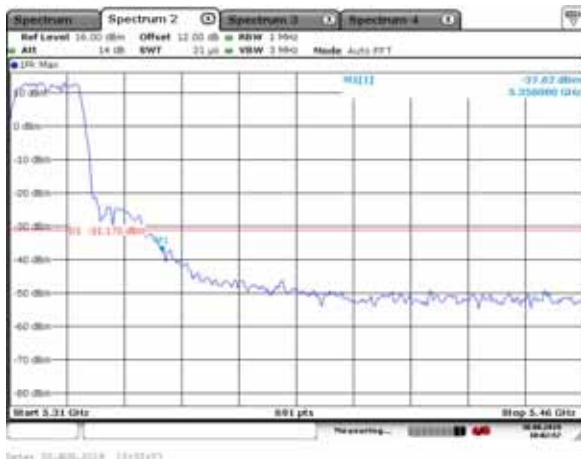
Data: 20.06.2019 09:07:13

5300MHz with Beamforming



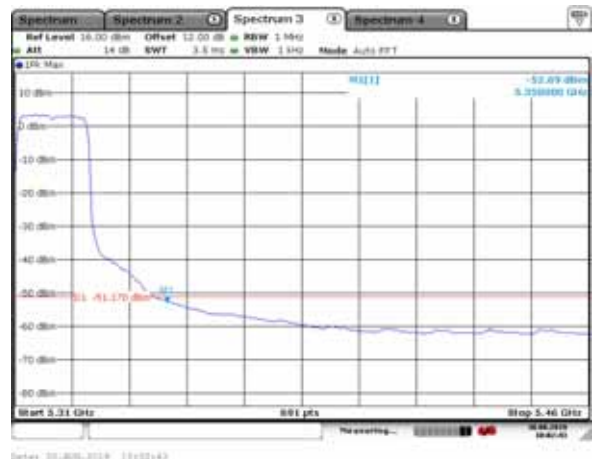
Data: 20.06.2019 09:07:09

5320MHz with Beamforming



Data: 20.06.2019 10:02:17

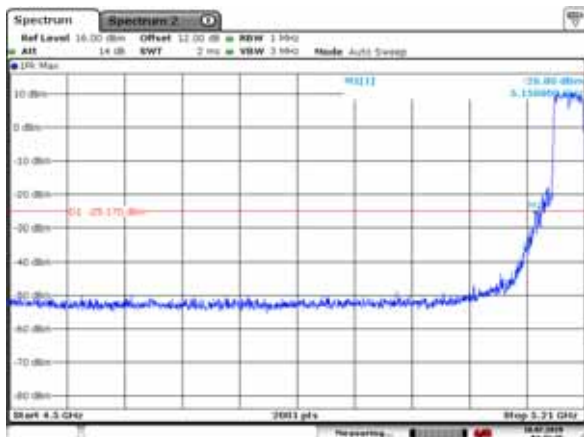
5320MHz with Beamforming



Data: 20.06.2019 10:02:43

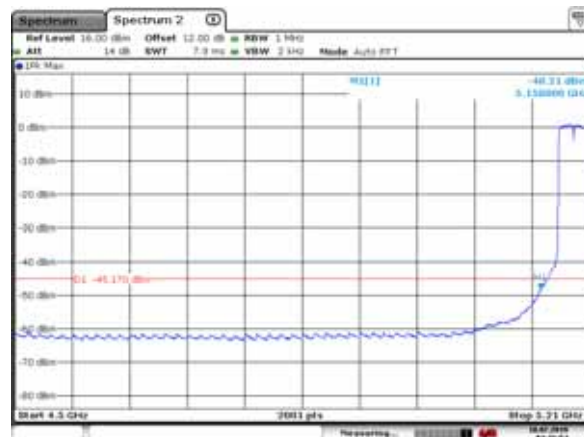
802.11ac(40MHz)

5190MHz with SISO



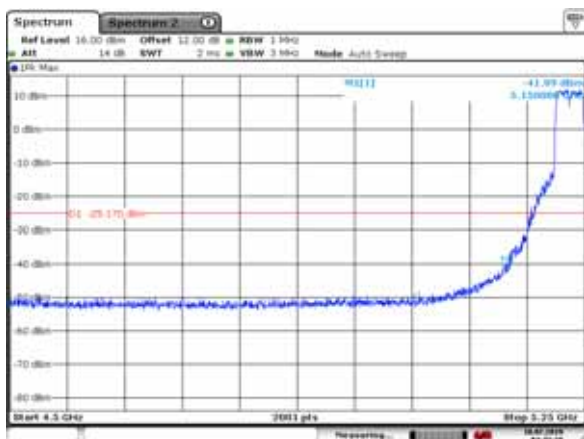
Date: 18. JUL. 2019 04:42:25

5190MHz with SISO



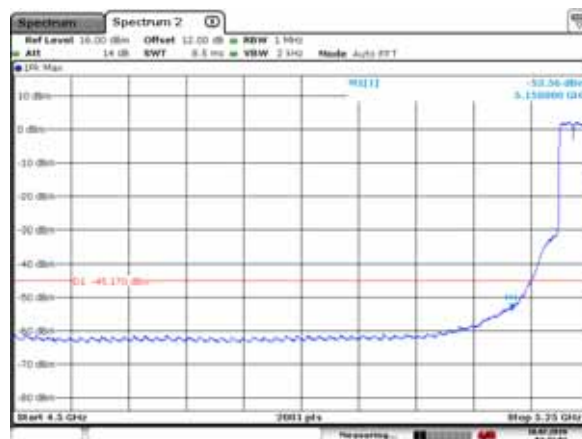
Date: 18. JUL. 2019 04:41:54

5230MHz with SISO



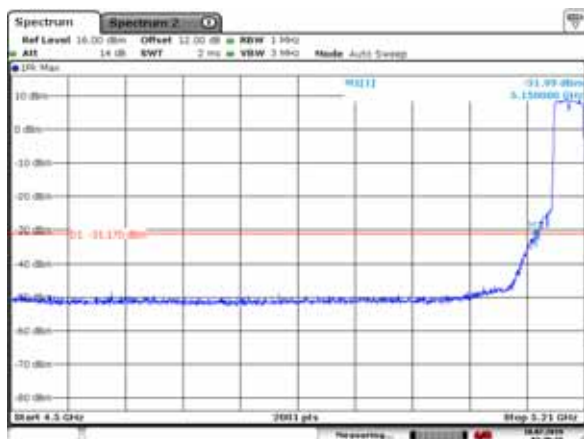
Date: 18. JUL. 2019 04:43:19

5230MHz with SISO



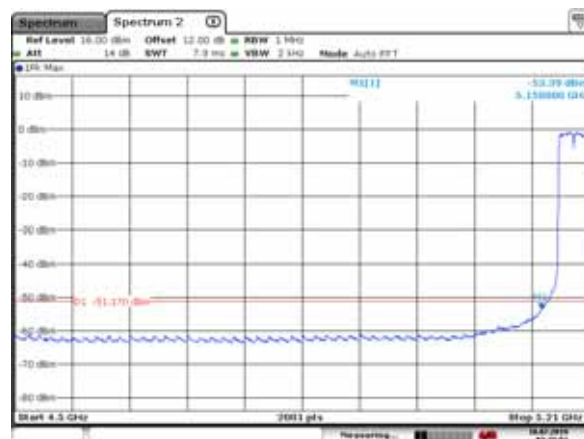
Date: 18. JUL. 2019 04:43:02

5190MHz with CDD



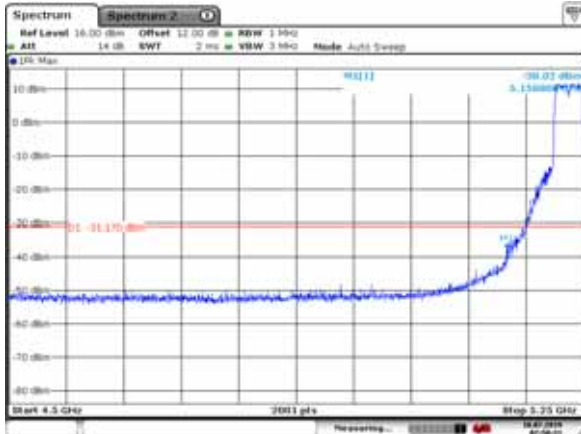
Date: 18. JUL. 2019 07:49:18

5190MHz with CDD



Date: 18. JUL. 2019 07:47:54

5230MHz with CDD



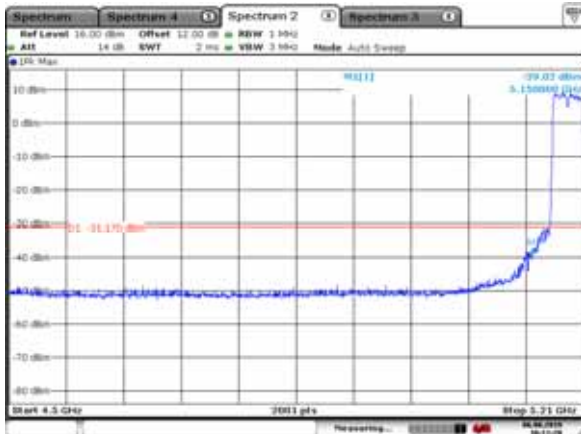
Date: 18. JUL. 2019 07:50:31

5230MHz with CDD



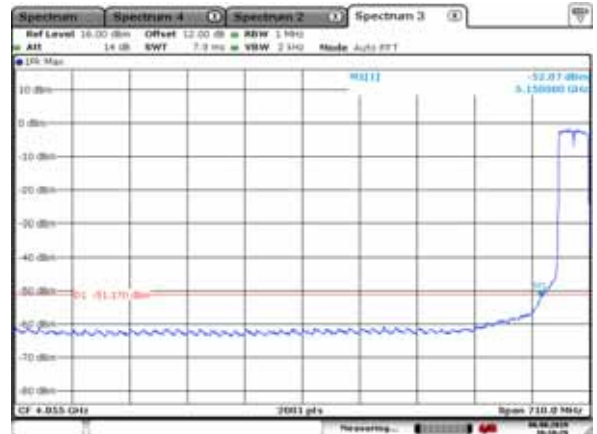
Date: 18. JUL. 2019 07:50:17

5190MHz with Beamforming



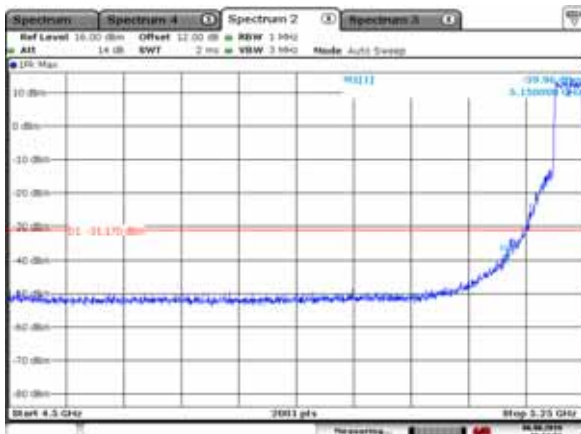
Date: 6. AUG. 2019 10:11:20

5190MHz with Beamforming



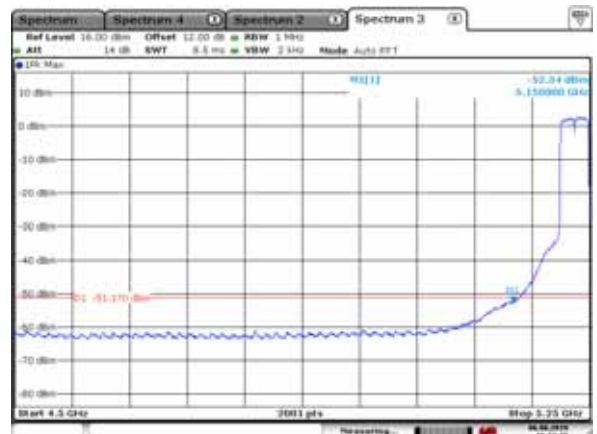
Date: 6. AUG. 2019 10:10:30

5230MHz with Beamforming



Date: 6. AUG. 2019 10:12:54

5230MHz with Beamforming

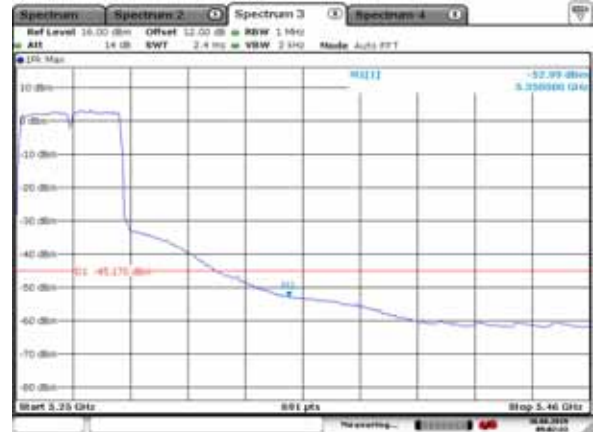


Date: 6. AUG. 2019 10:12:29

5270MHz with SISO



5270MHz with SISO



5310MHz with SISO



5310MHz with SISO



5270MHz with CDD



5270MHz with CDD



5310MHz with CDD



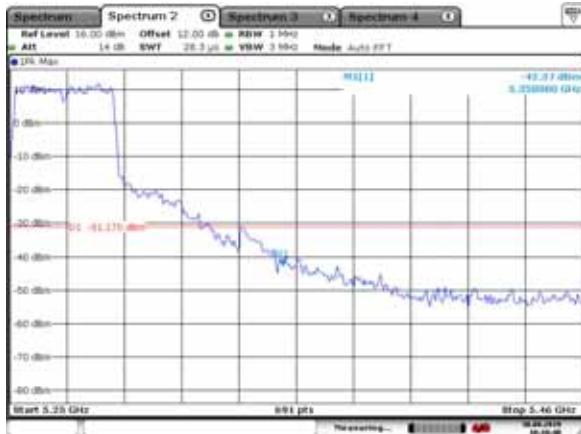
Data: 20.06.2019 09:52:09

5310MHz with CDD



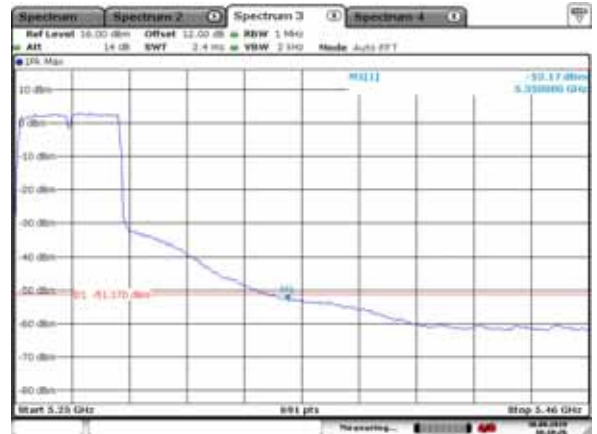
Data: 20.06.2019 09:52:09

5270MHz with Beamforming



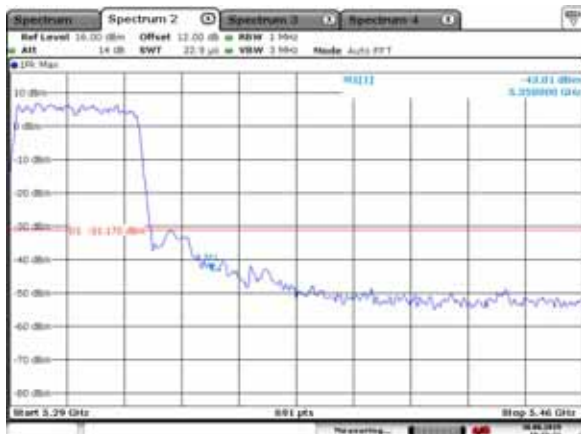
Data: 20.06.2019 10:17:09

5270MHz with Beamforming



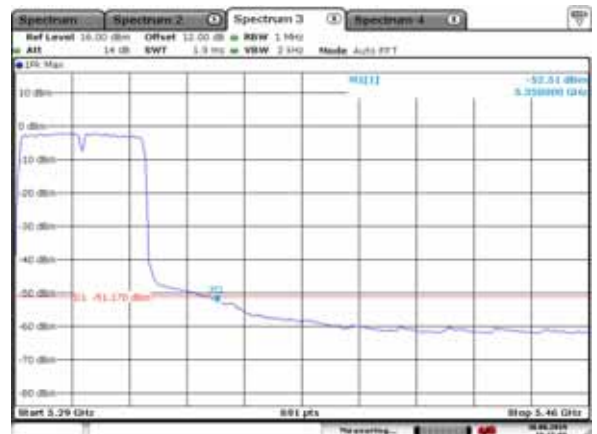
Data: 20.06.2019 10:17:09

5310MHz with Beamforming



Data: 20.06.2019 10:17:09

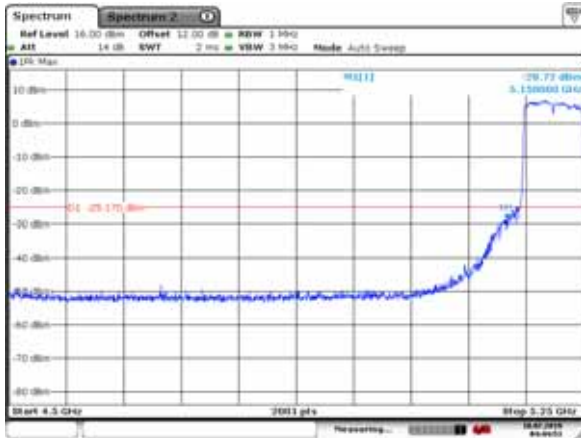
5310MHz with Beamforming



Data: 20.06.2019 10:17:09

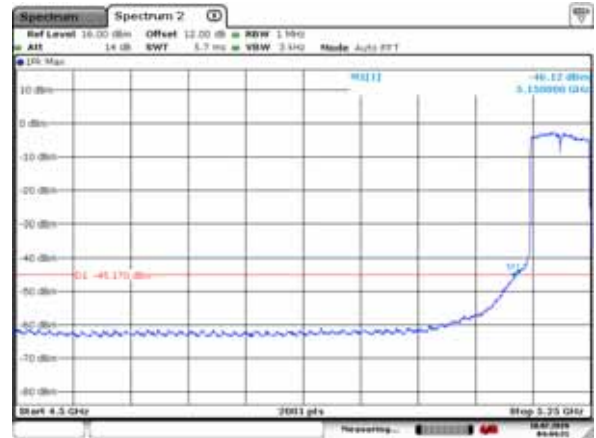
802.11ac(80MHz)

5210MHz with SISO



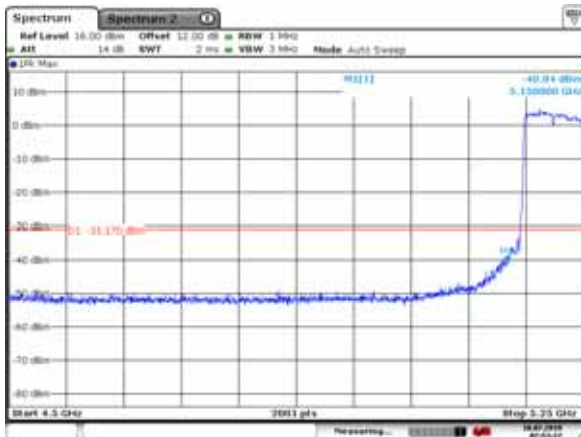
Date: 18. JUL. 2019 04:44:53

5210MHz with SISO



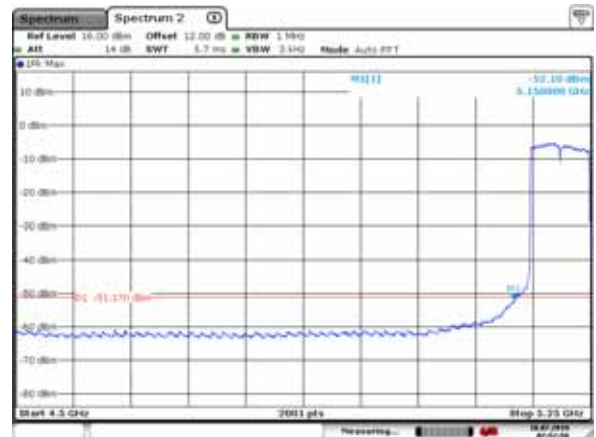
Date: 18. JUL. 2019 04:44:31

5210MHz with CDD



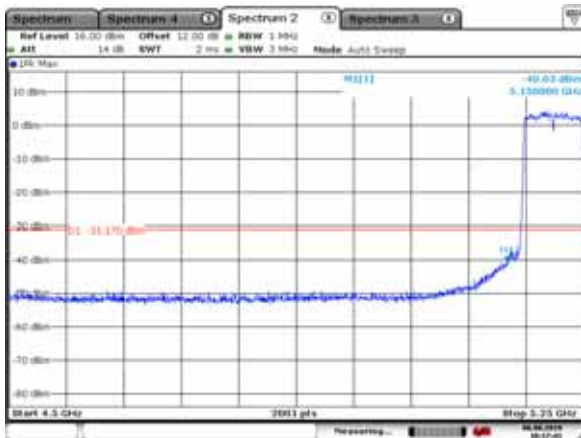
Date: 18. JUL. 2019 07:53:18

5210MHz with CDD



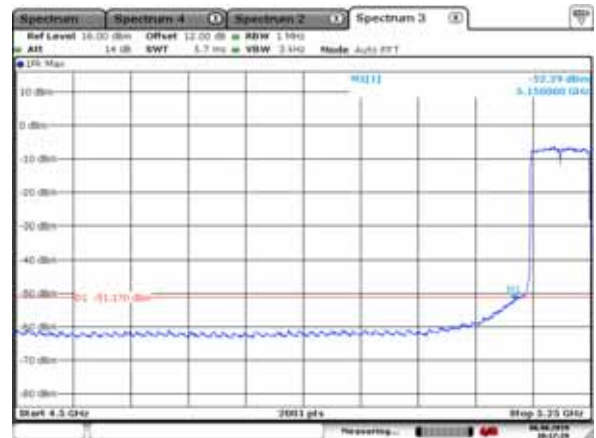
Date: 18. JUL. 2019 07:52:58

5210MHz with Beamforming



Date: 6. AUG. 2019 10:17:41

5210MHz with Beamforming



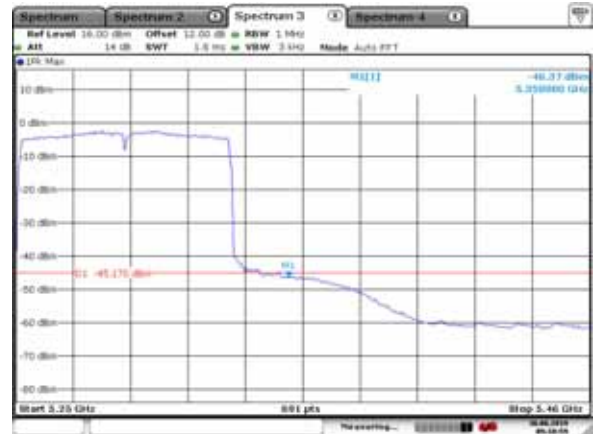
Date: 6. AUG. 2019 10:17:19

5290MHz with SISO



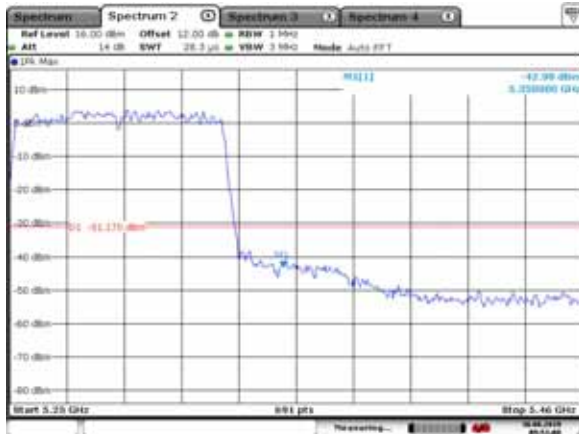
Data: 20.06.2019 09:11:19

5290MHz with SISO



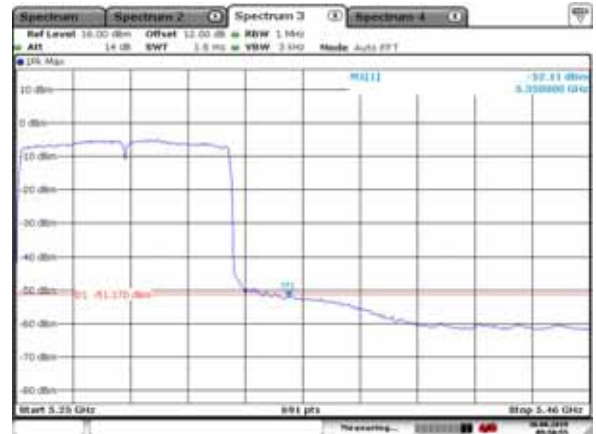
Data: 20.06.2019 09:11:23

5290MHz with CDD



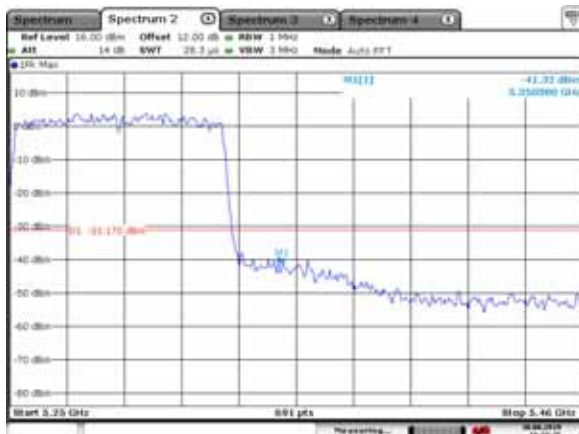
Data: 20.06.2019 09:11:08

5290MHz with CDD



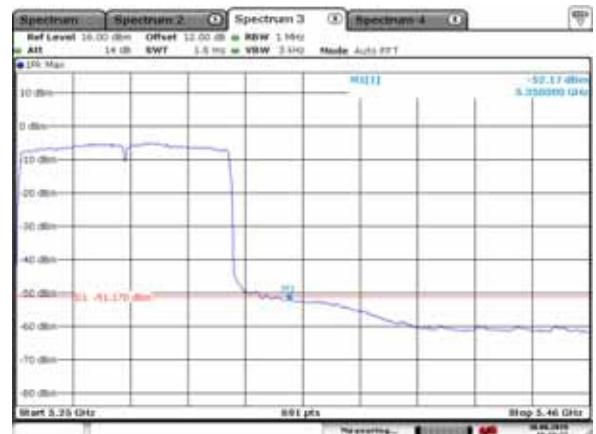
Data: 20.06.2019 09:11:25

5290MHz with Beamforming



Data: 20.06.2019 10:21:25

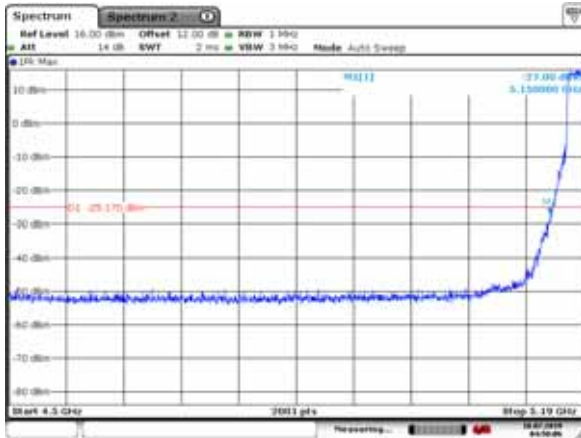
5290MHz with Beamforming



Data: 20.06.2019 10:21:27

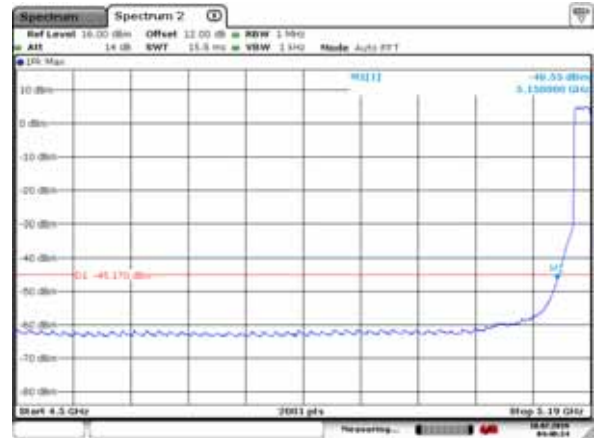
802.11ax(20MHz)

5180MHz with SISO



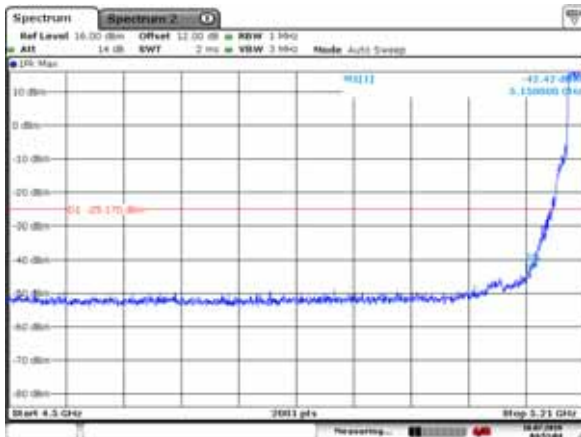
Date: 18. JUL.2019 04:50:06

5180MHz with SISO



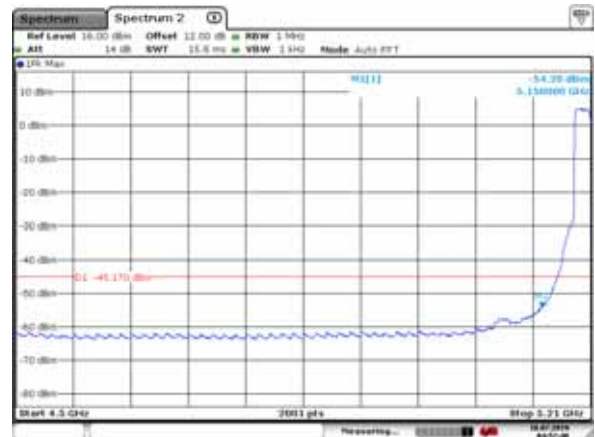
Date: 18. JUL.2019 04:48:14

5200MHz with SISO



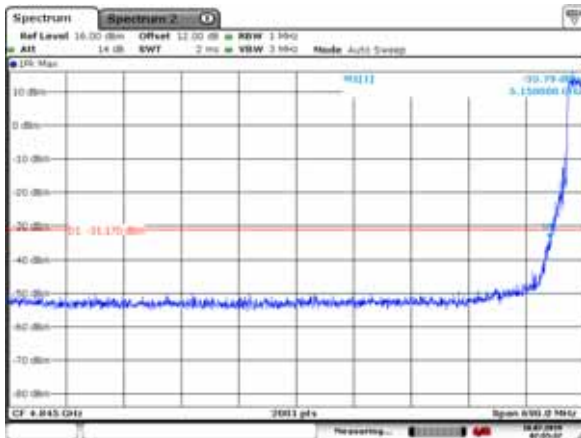
Date: 18. JUL.2019 04:53:04

5200MHz with SISO



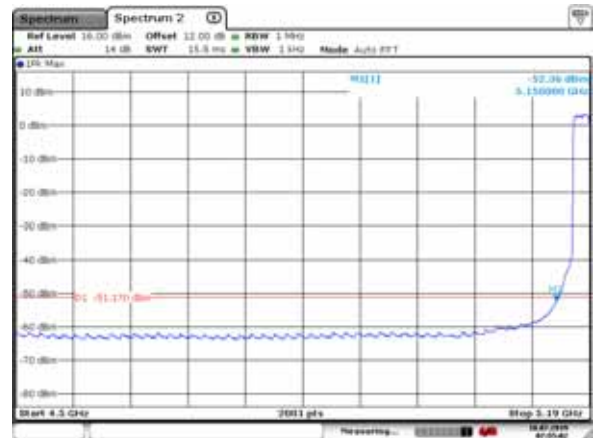
Date: 18. JUL.2019 04:52:48

5180MHz with CDD



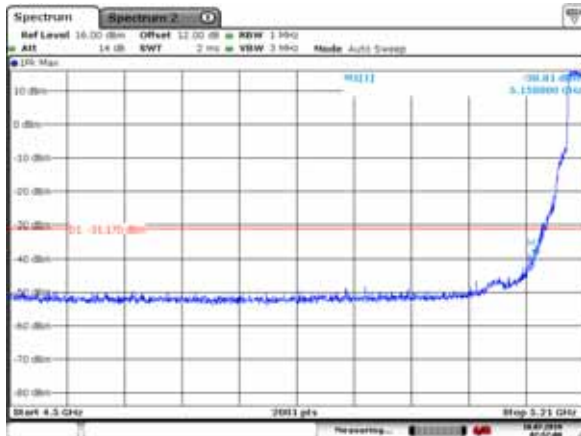
Date: 18. JUL.2019 07:55:38

5180MHz with CDD



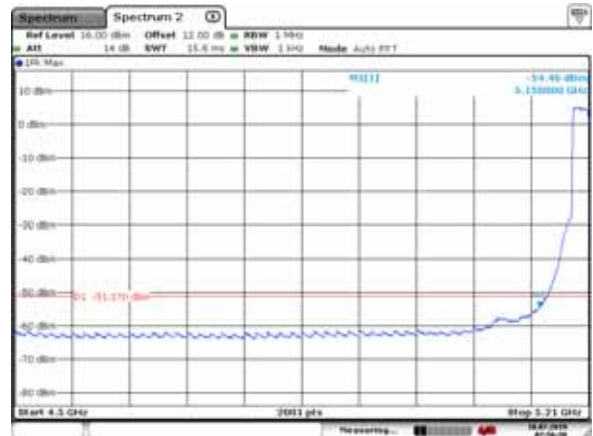
Date: 18. JUL.2019 07:55:03

5200MHz with CDD



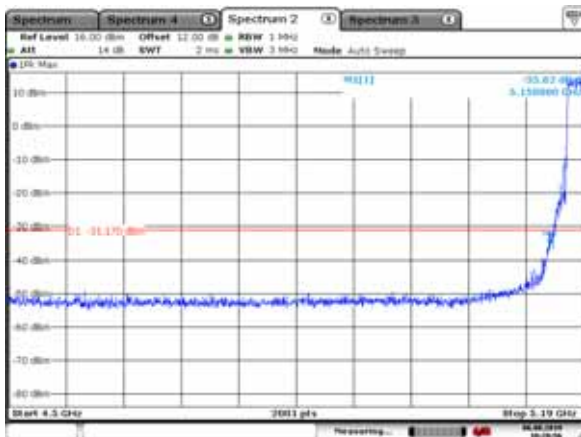
Date: 18. JUL. 2019 07:57:00

5200MHz with CDD



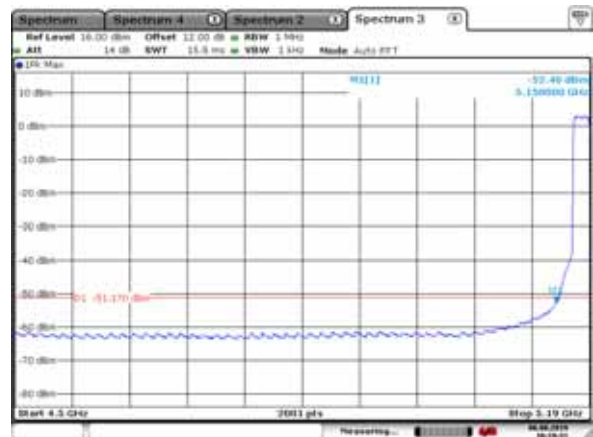
Date: 18. JUL. 2019 07:56:38

5180MHz with Beamforming



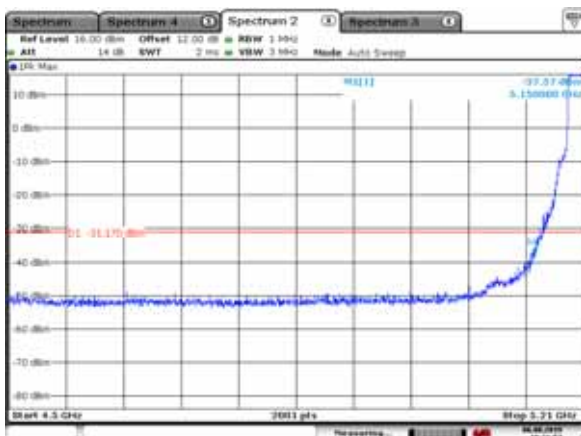
Date: 6. AUG. 2019 10:20:57

5180MHz with Beamforming



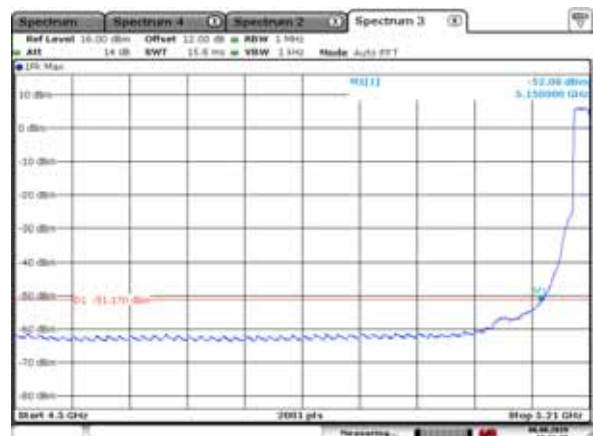
Date: 6. AUG. 2019 10:19:32

5200MHz with Beamforming



Date: 6. AUG. 2019 10:21:58

5200MHz with Beamforming



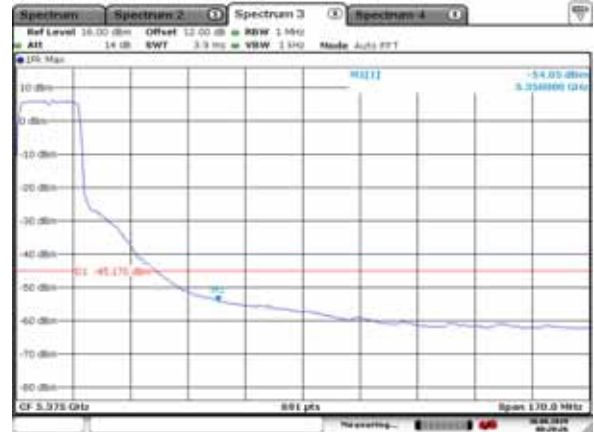
Date: 6. AUG. 2019 10:21:40

5300MHz with SISO



Data: 20.00.2019 09:23:29

5300MHz with SISO



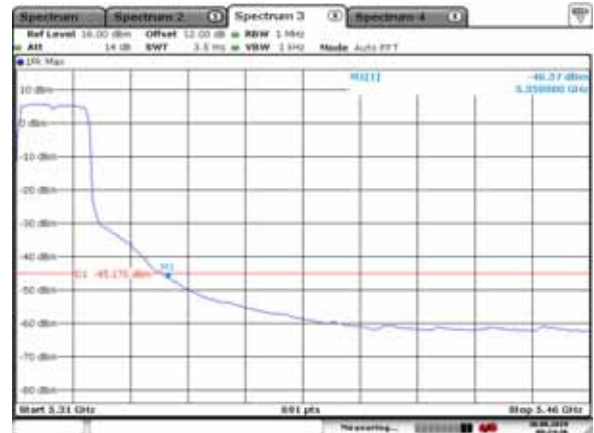
Data: 20.00.2019 09:23:36

5320MHz with SISO



Data: 20.00.2019 09:24:29

5320MHz with SISO



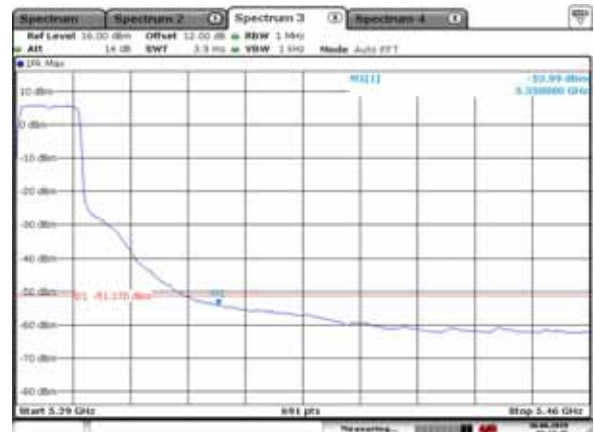
Data: 20.00.2019 09:24:36

5300MHz with CDD



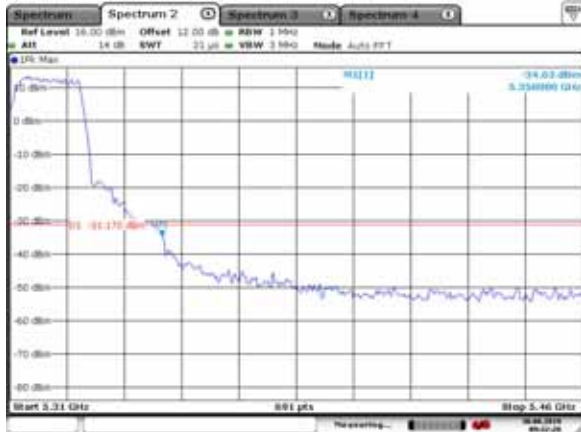
Data: 20.00.2019 09:24:49

5300MHz with CDD



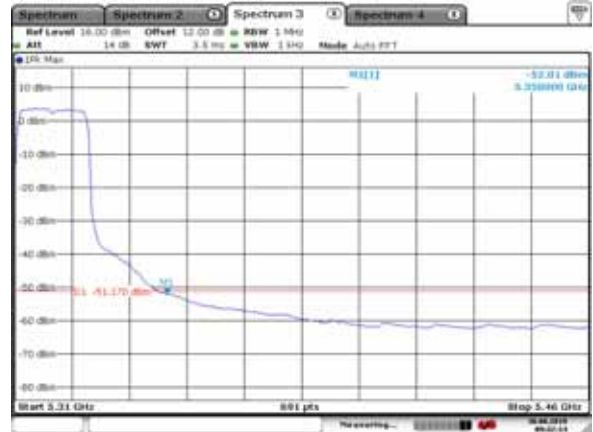
Data: 20.00.2019 09:24:49

5320MHz with CDD



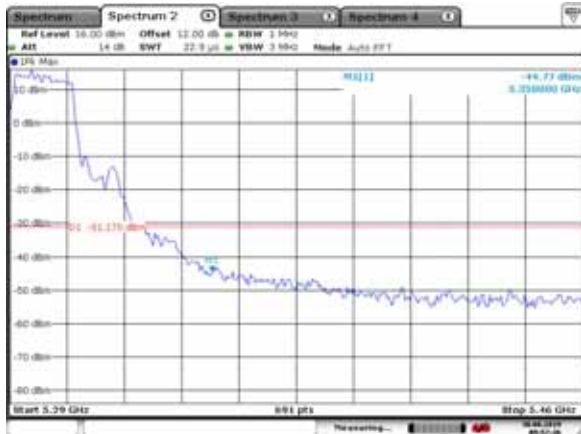
Data: 20.00.2019 09:52:29

5320MHz with CDD



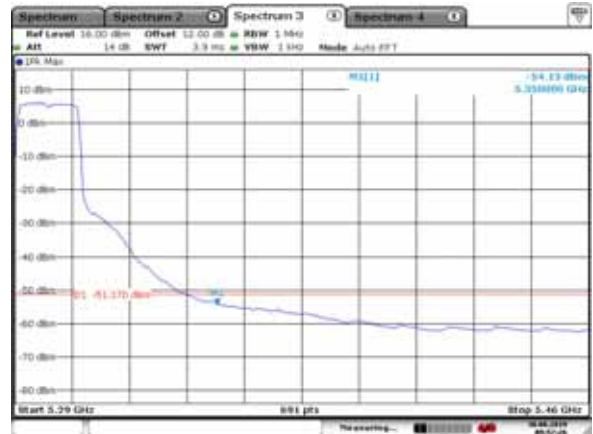
Data: 20.00.2019 09:52:29

5300MHz with Beamforming



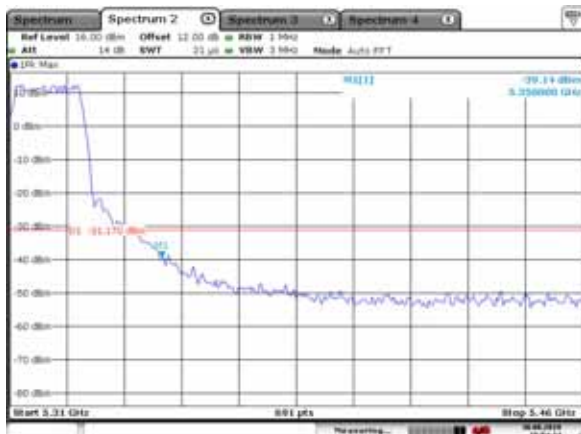
Data: 20.00.2019 09:57:29

5300MHz with Beamforming



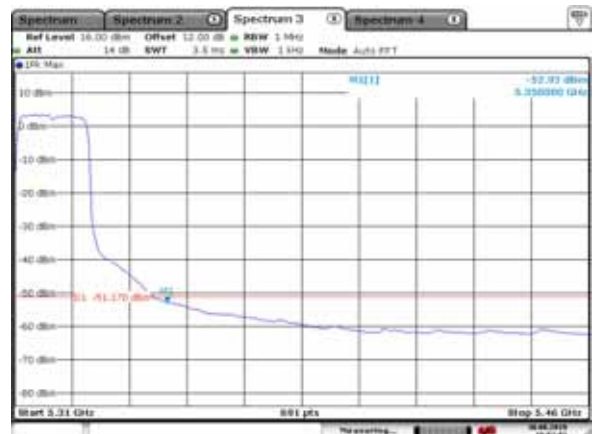
Data: 20.00.2019 09:57:29

5320MHz with Beamforming



Data: 20.00.2019 10:04:54

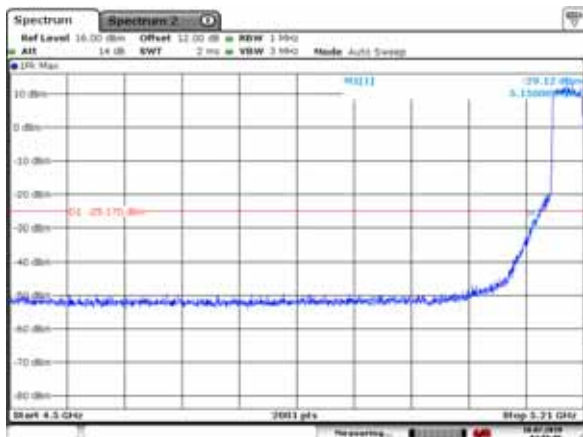
5320MHz with Beamforming



Data: 20.00.2019 10:05:00

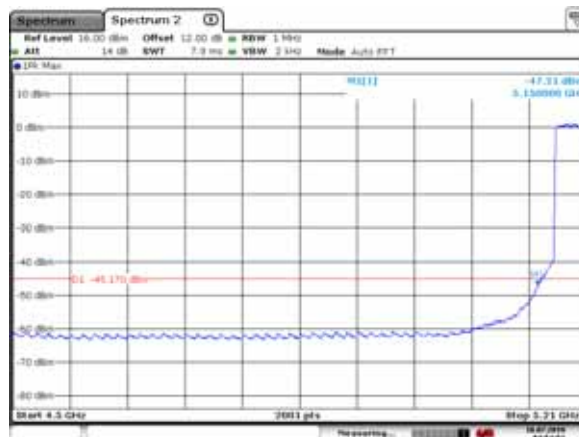
802.11ax(40MHz)

5190MHz with SISO



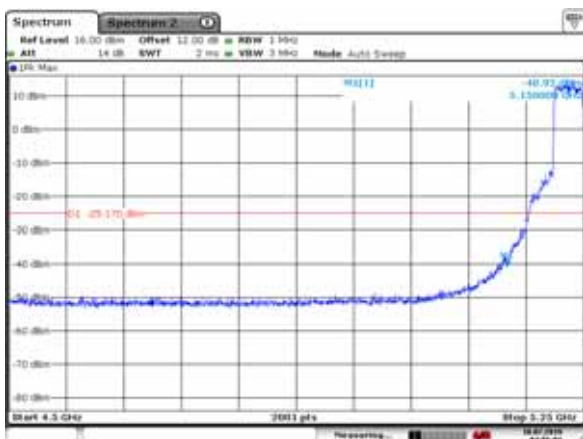
Date: 18. JUL.2019 04:55:06

5190MHz with SISO



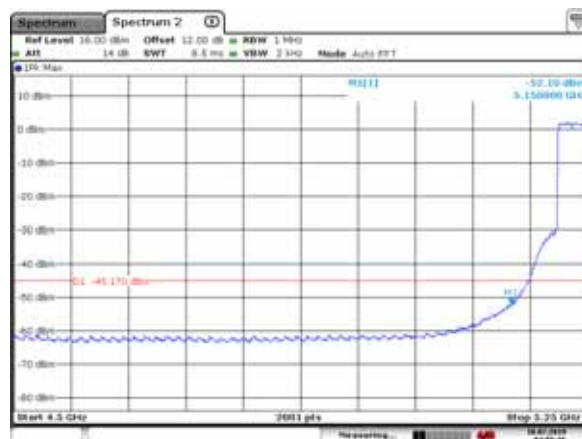
Date: 18. JUL.2019 04:54:53

5230MHz with SISO



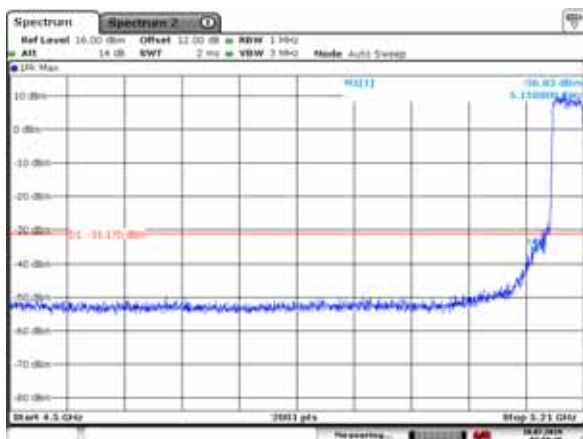
Date: 18. JUL.2019 04:56:03

5230MHz with SISO



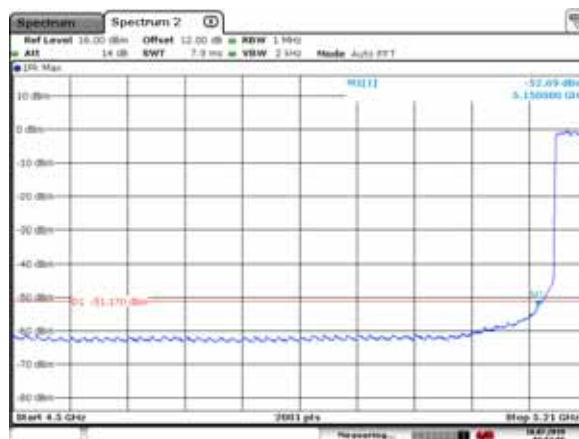
Date: 18. JUL.2019 04:55:36

5190MHz with CDD



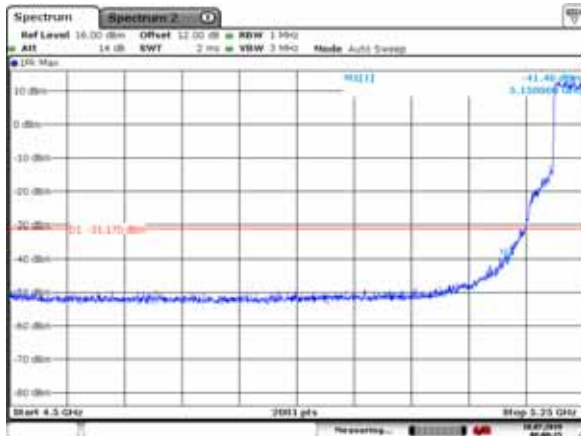
Date: 18. JUL.2019 07:58:48

5190MHz with CDD



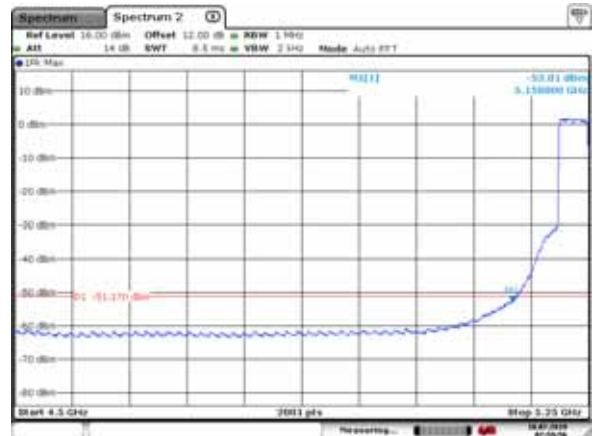
Date: 18. JUL.2019 07:57:55

5230MHz with CDD



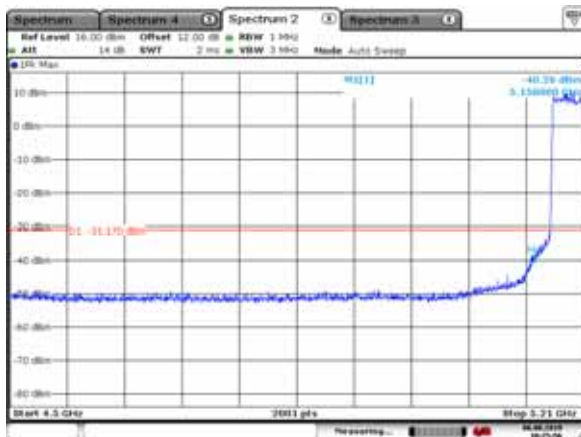
Date: 18. JUL. 2019 08:00:15

5230MHz with CDD



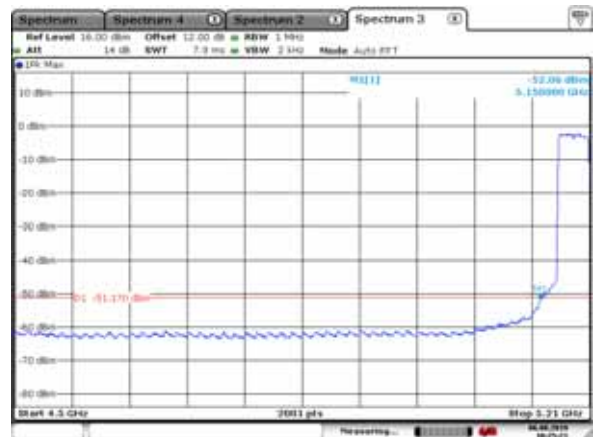
Date: 18. JUL. 2019 07:59:56

5190MHz with Beamforming



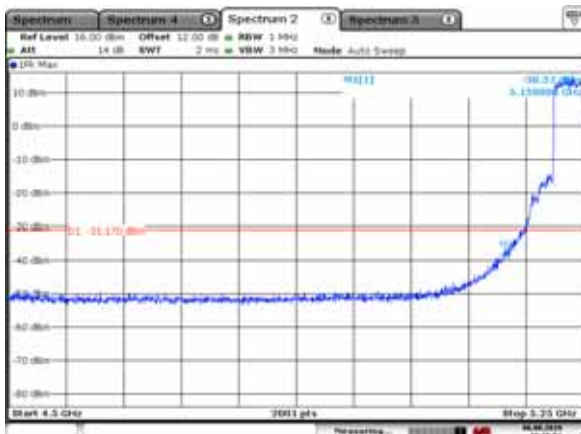
Date: 6. AUG. 2019 10:25:57

5190MHz with Beamforming



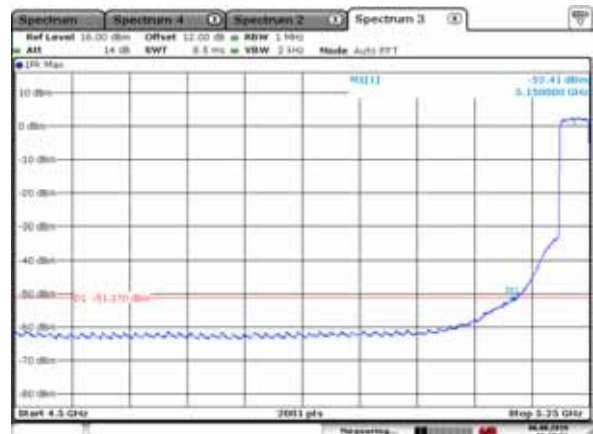
Date: 6. AUG. 2019 10:25:21

5230MHz with Beamforming



Date: 6. AUG. 2019 10:28:52

5230MHz with Beamforming



Date: 6. AUG. 2019 10:28:33

5270MHz with SISO



Delay: 30.805.2019 99.62.014

5270MHz with SISO



Delay: 30.805.2019 99.62.016

5310MHz with SISO



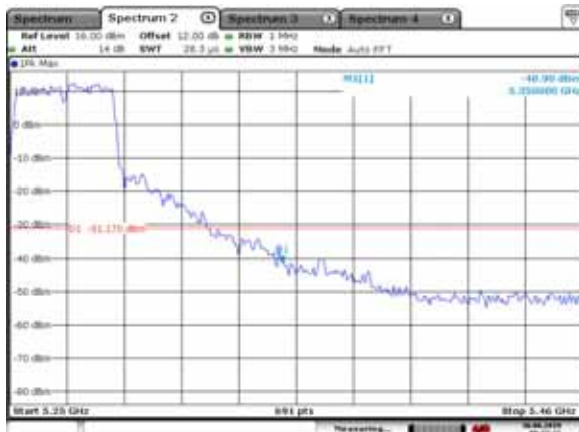
Delay: 30.805.2019 99.62.011

5310MHz with SISO



Delay: 30.805.2019 99.62.011

5270MHz with CDD



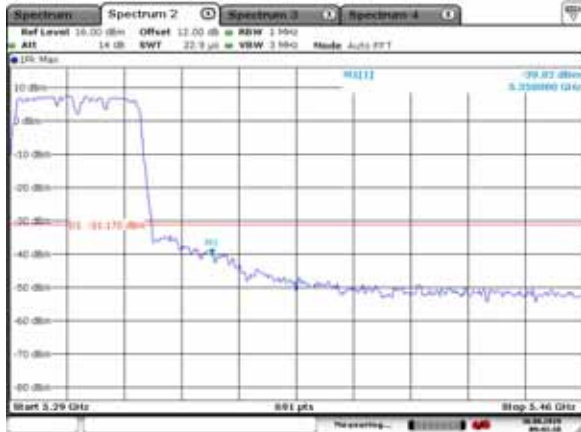
Delay: 30.805.2019 99.62.011

5270MHz with CDD



Delay: 30.805.2019 99.62.016

5310MHz with CDD



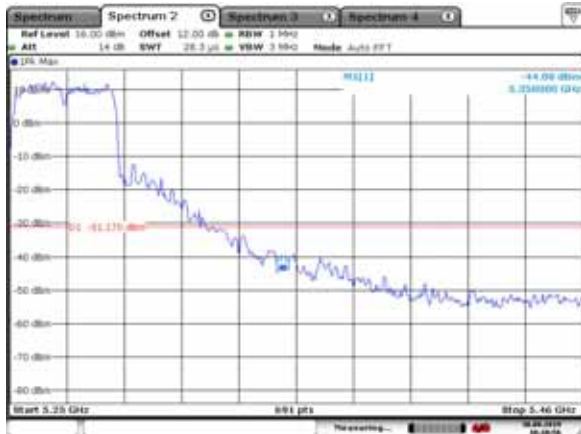
Data: 20.000.2019 08:11:19

5310MHz with CDD



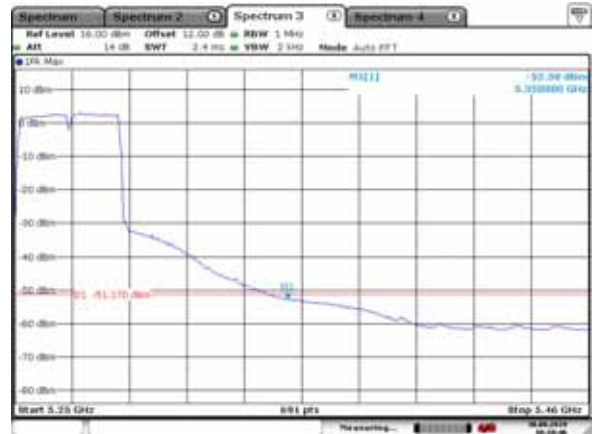
Data: 20.000.2019 08:11:23

5270MHz with Beamforming



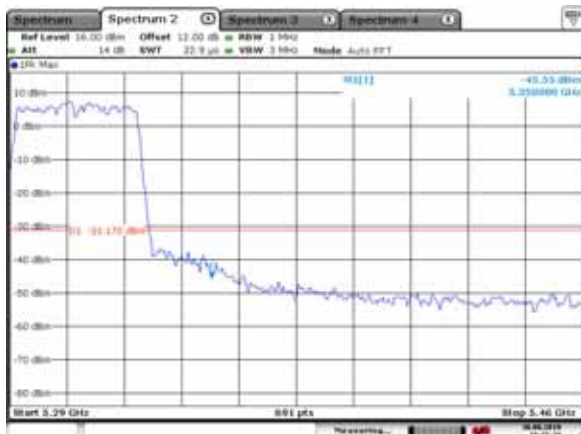
Data: 20.000.2019 11:17:58

5270MHz with Beamforming



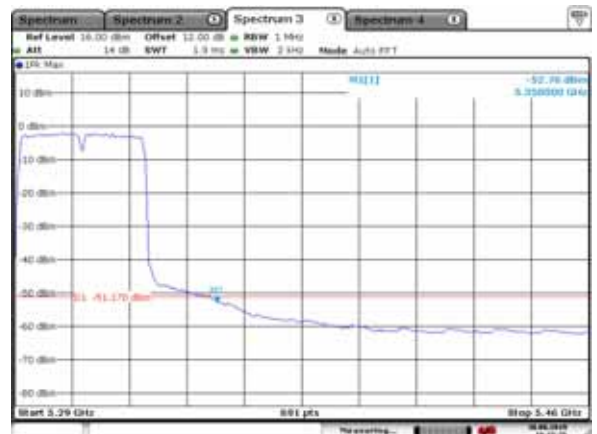
Data: 20.000.2019 11:17:59

5310MHz with Beamforming



Data: 20.000.2019 11:18:29

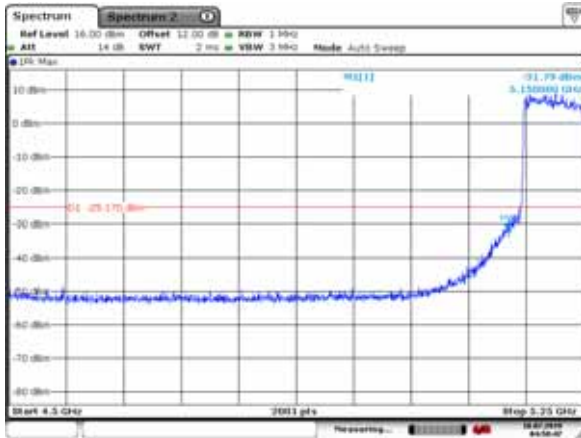
5310MHz with Beamforming



Data: 20.000.2019 11:18:29

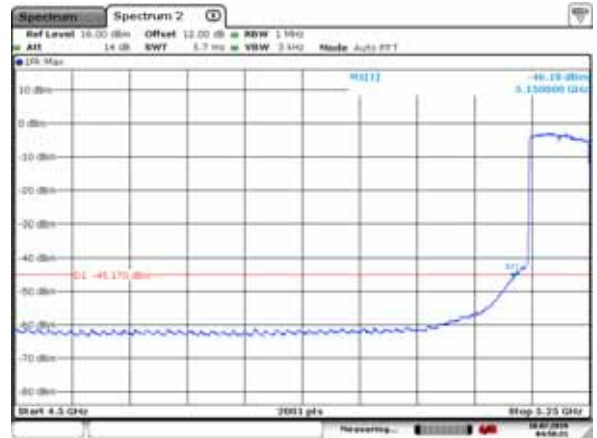
802.11ax(80MHz)

5210MHz with SISO



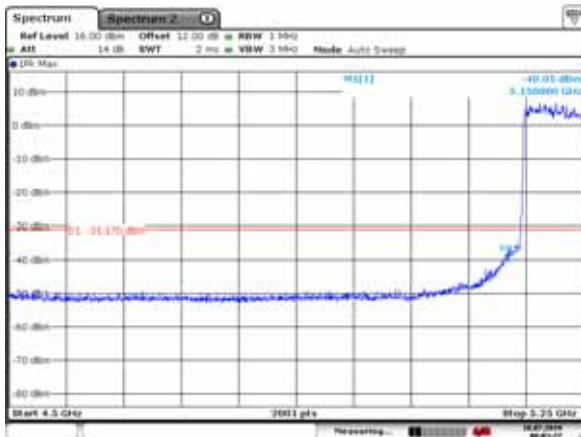
Date: 18. JUL. 2019 04:58:47

5210MHz with SISO



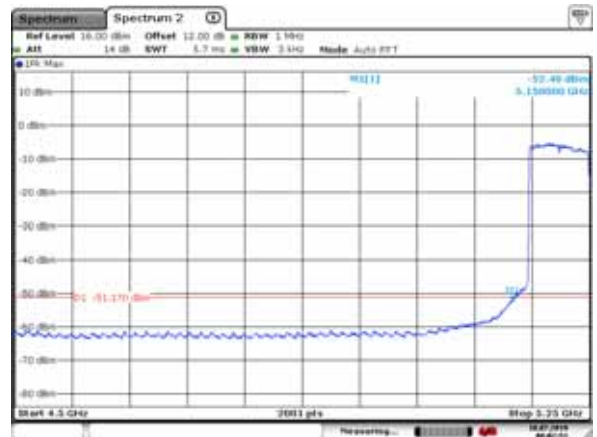
Date: 18. JUL. 2019 04:58:31

5210MHz with CDD



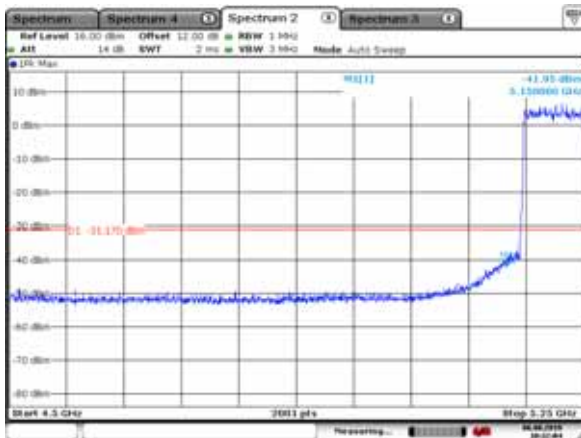
Date: 18. JUL. 2019 08:03:28

5210MHz with CDD



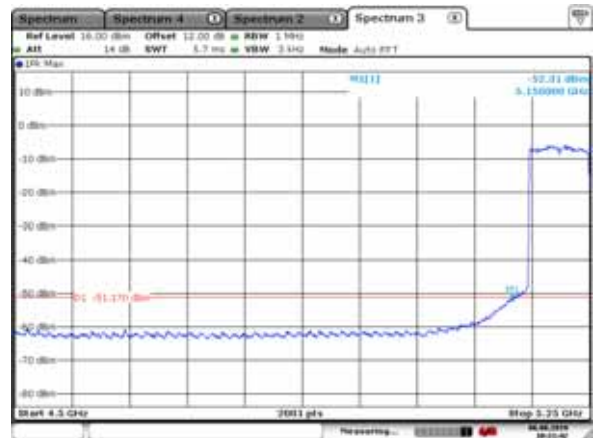
Date: 18. JUL. 2019 08:02:51

5210MHz with Beamforming



Date: 6. AUG. 2019 10:32:04

5210MHz with Beamforming



Date: 6. AUG. 2019 10:31:43

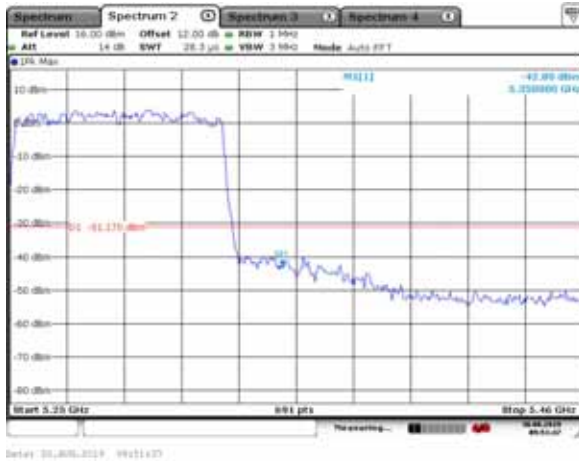
5290MHz with SISO



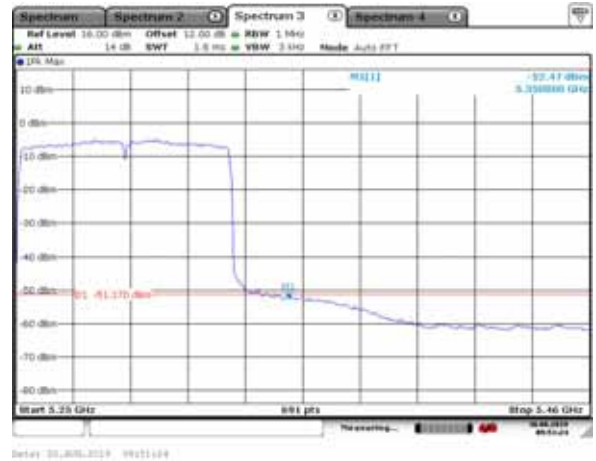
5290MHz with SISO



5290MHz with CDD



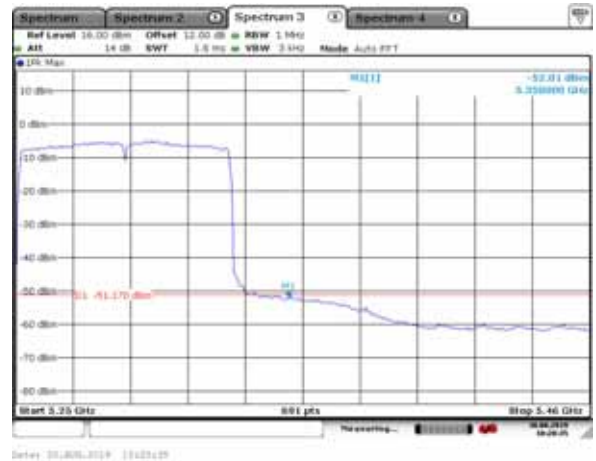
5290MHz with CDD



5290MHz with Beamforming



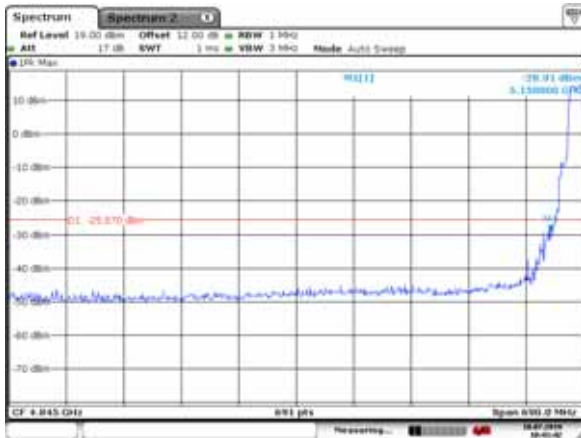
5290MHz with Beamforming



Eth2:

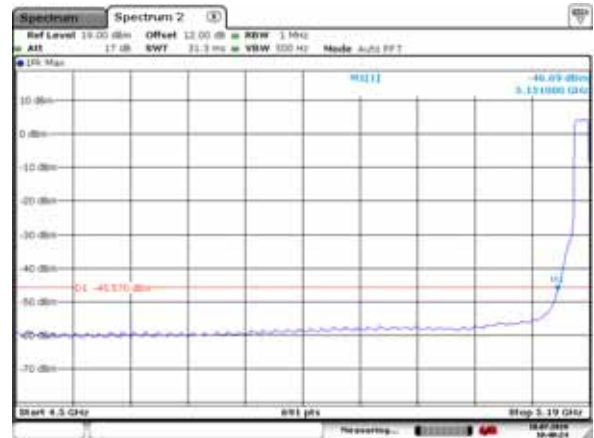
802.11a

5180MHz with SISO



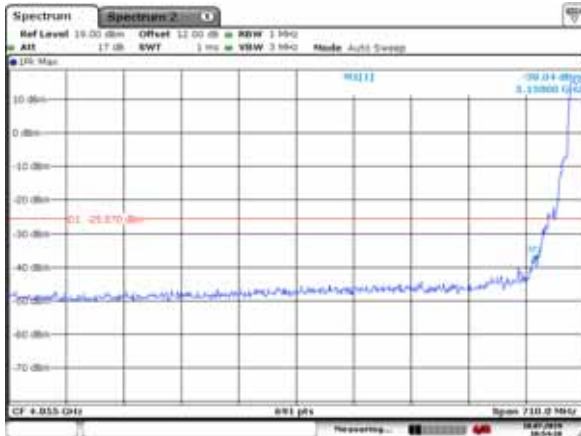
Date: 10. JUL. 2019 10:41:42

5180MHz with SISO



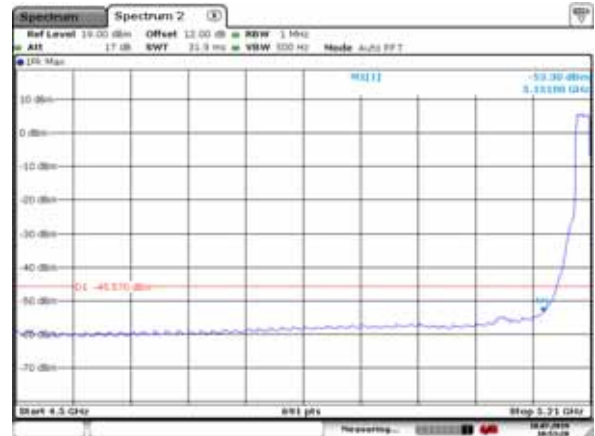
Date: 10. JUL. 2019 10:40:24

5200MHz with SISO



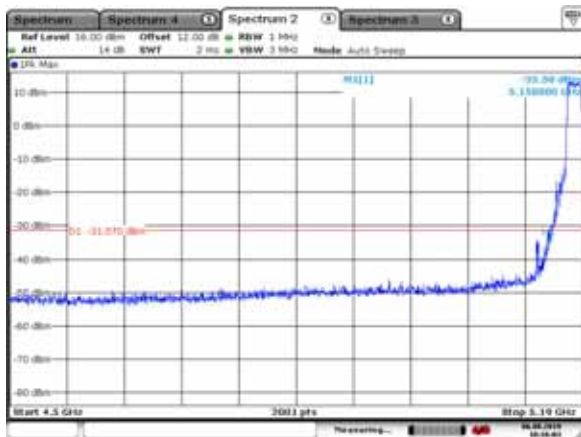
Date: 10. JUL. 2019 10:54:18

5200MHz with SISO



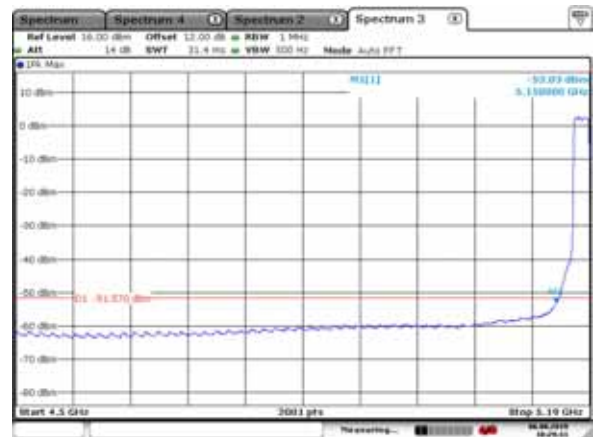
Date: 10. JUL. 2019 10:53:20

5180MHz with CDD



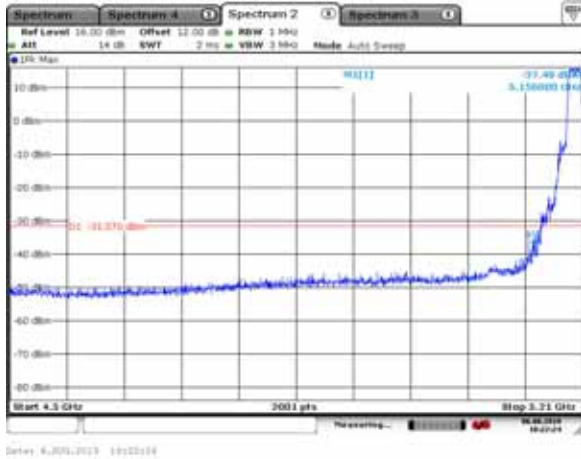
Date: 6. JUL. 2019 10:18:00

5180MHz with CDD

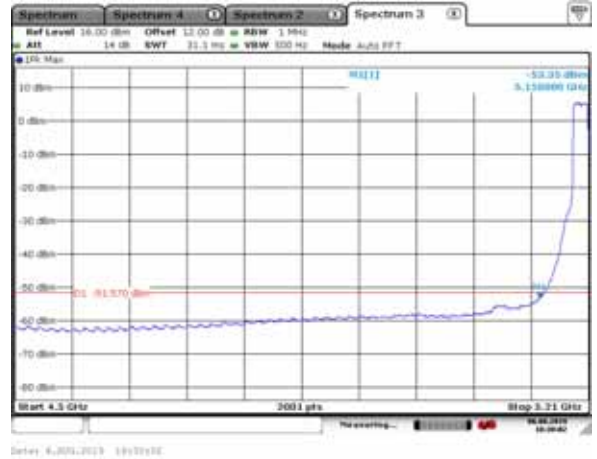


Date: 6. JUL. 2019 10:07:11

5200MHz with CDD



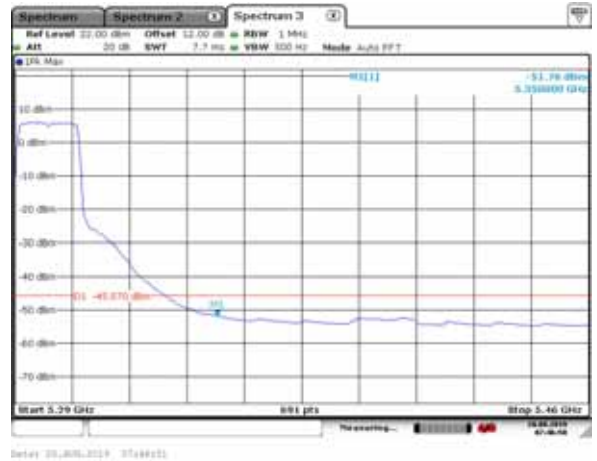
5200MHz with CDD



5300MHz with SISO



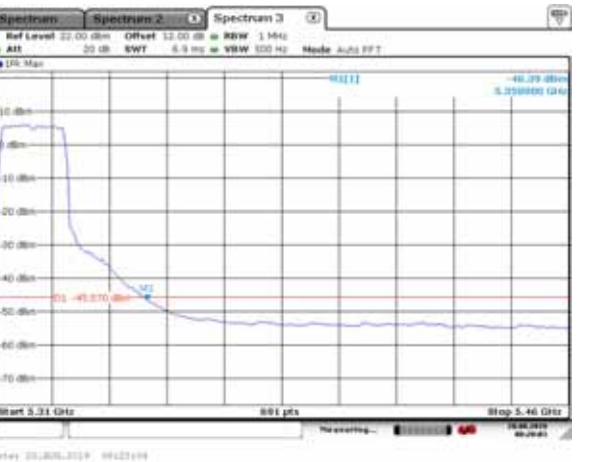
5300MHz with SISO



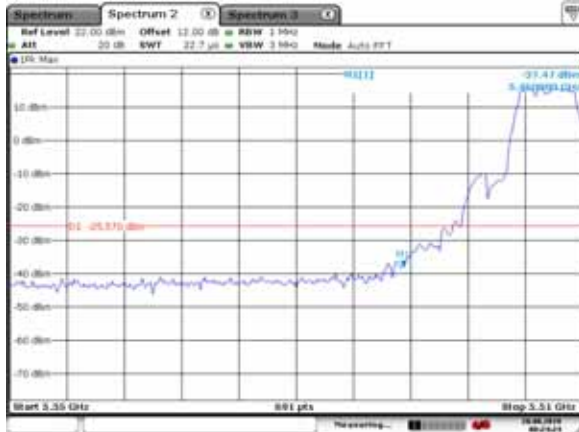
5320MHz with SISO



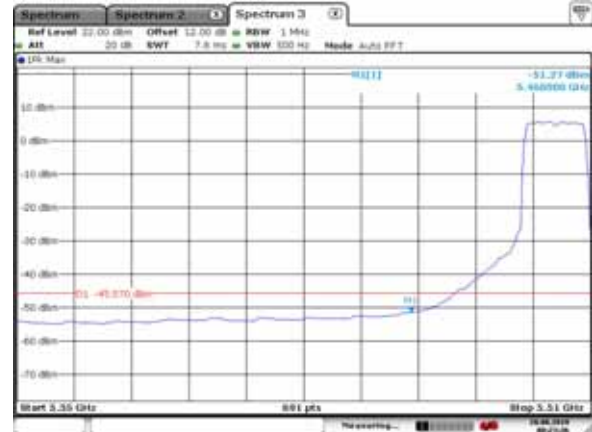
5320MHz with SISO



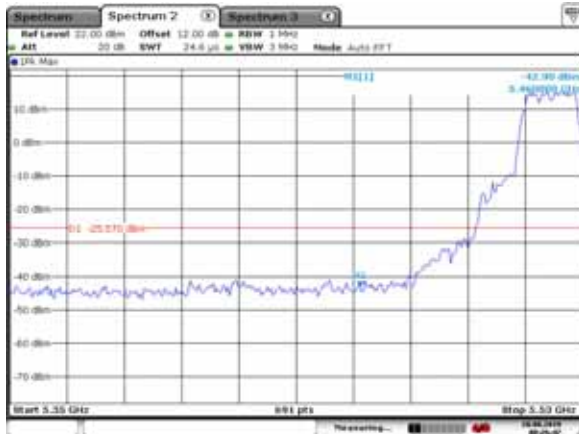
5500MHz with SISO



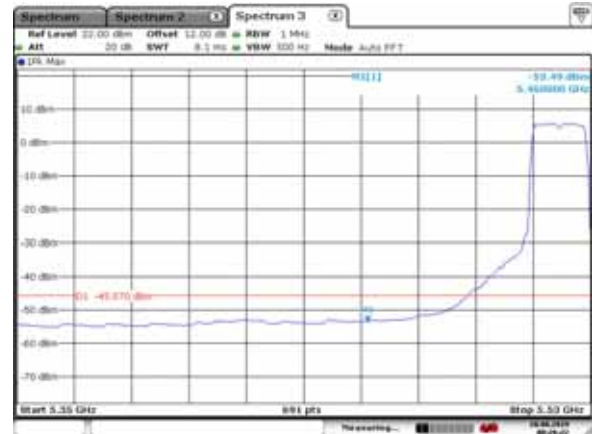
5500MHz with SISO



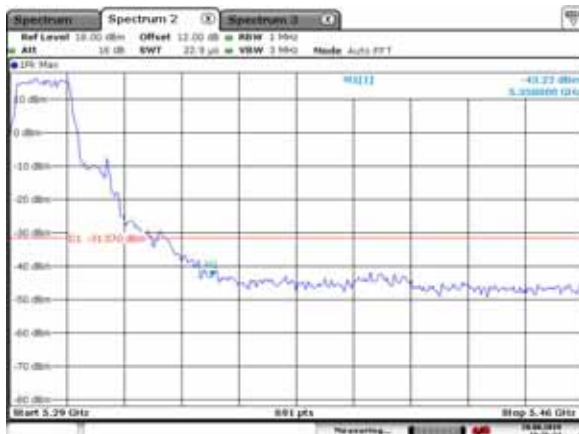
5520MHz with SISO



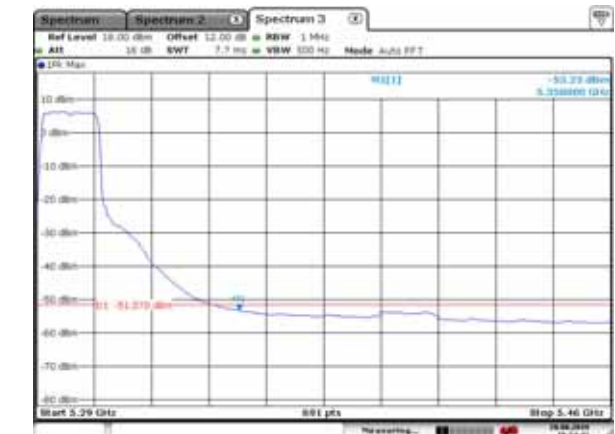
5520MHz with SISO



5300MHz with CDD



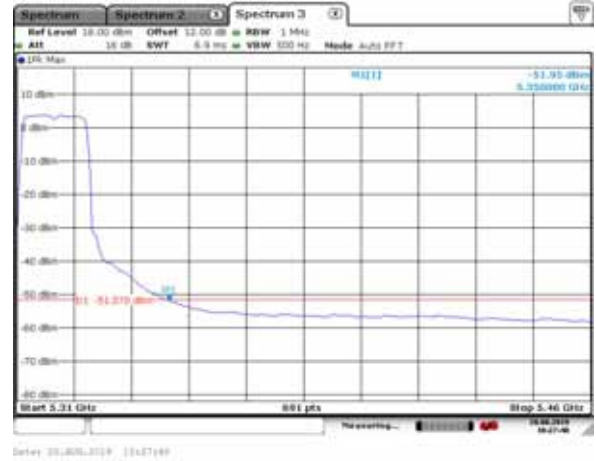
5300MHz with CDD



5320MHz with CDD



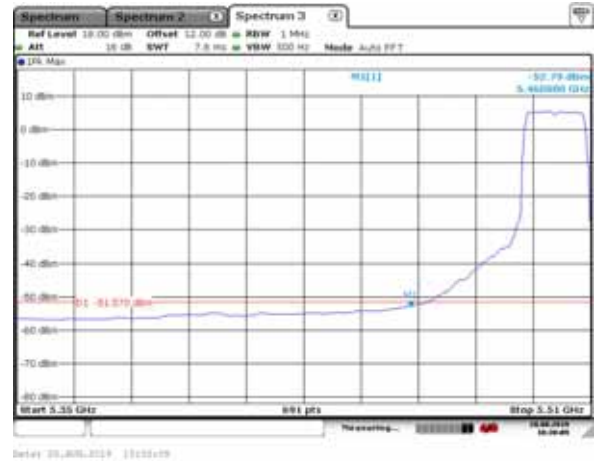
5320MHz with CDD



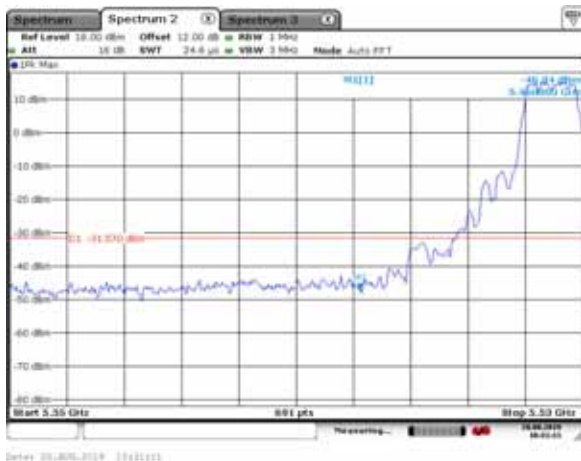
5500MHz with CDD



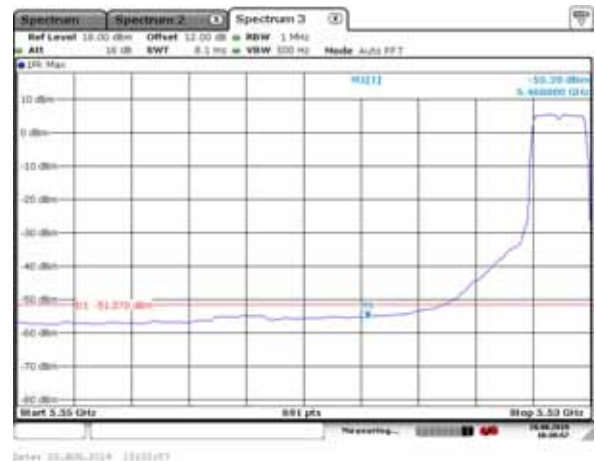
5500MHz with CDD



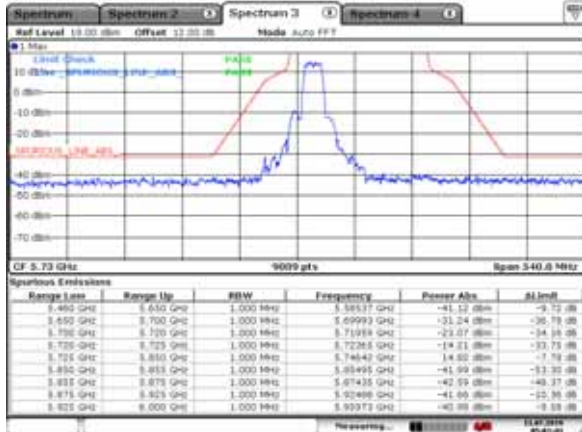
5520MHz with CDD



5520MHz with CDD

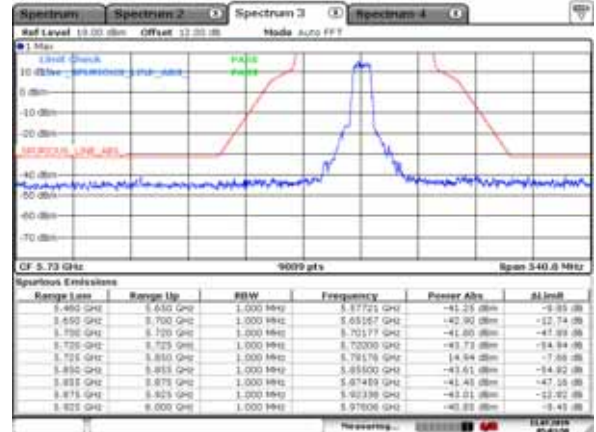


5745MHz with SISO



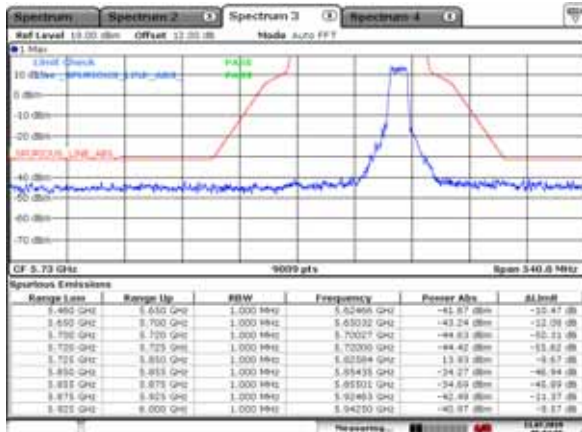
Date: 11. JUL. 2019 05:01:43

5785MHz with SISO



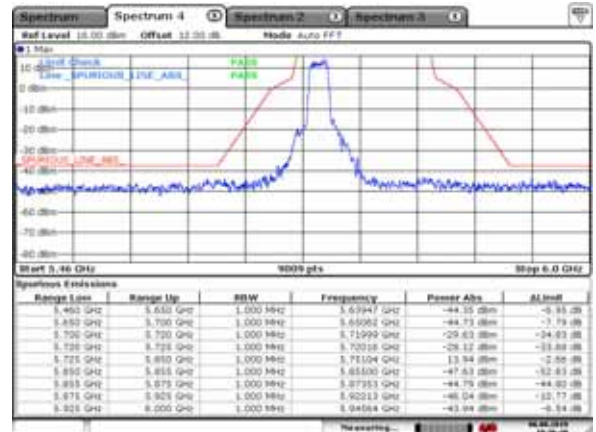
Date: 11. JUL. 2019 05:03:51

5825MHz with SISO



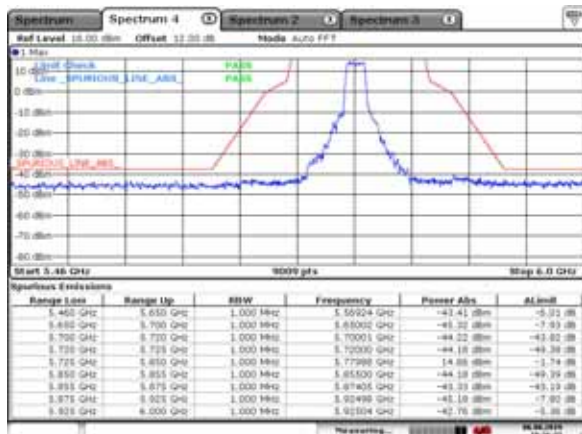
Date: 11. JUL. 2019 05:04:56

5745MHz with CDD



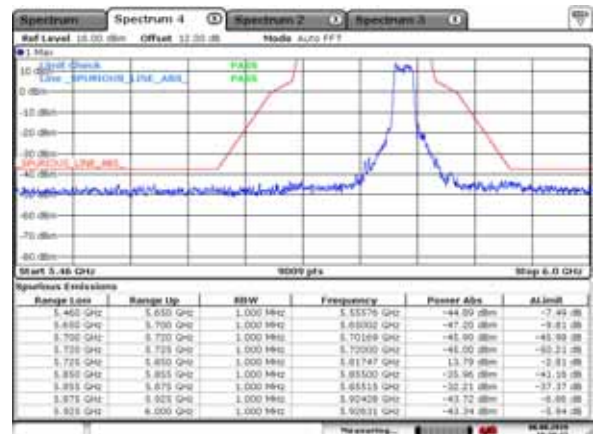
Date: 6. JUN. 2023 19:58:38

5785MHz with CDD



Date: 6. JUN. 2023 19:59:37

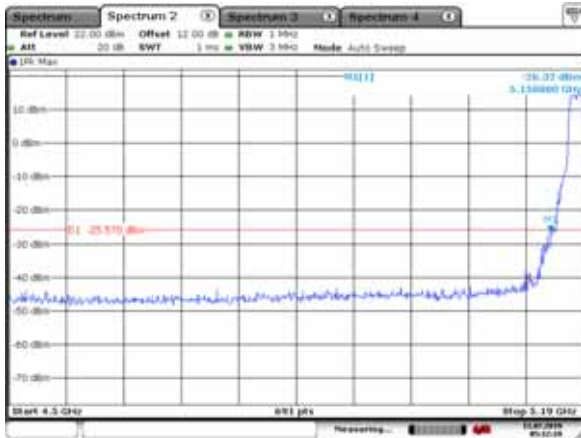
5825MHz with CDD



Date: 6. JUN. 2023 19:59:37

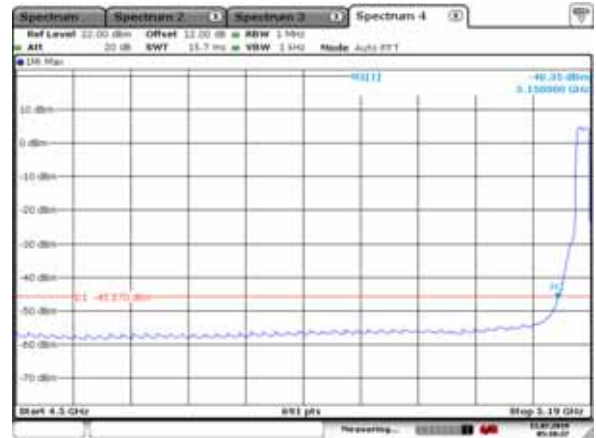
802.11n(20MHz)

5180MHz with SISO



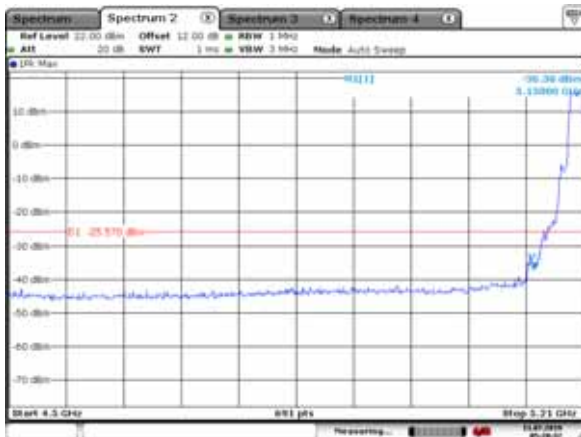
Date: 11. JUL. 2019 05:12:20

5180MHz with SISO



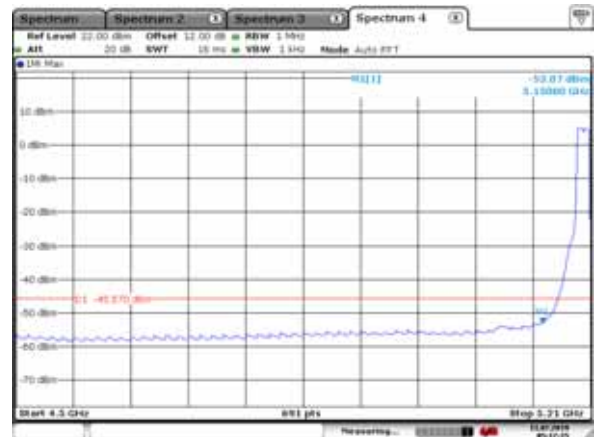
Date: 11. JUL. 2019 05:10:38

5200MHz with SISO



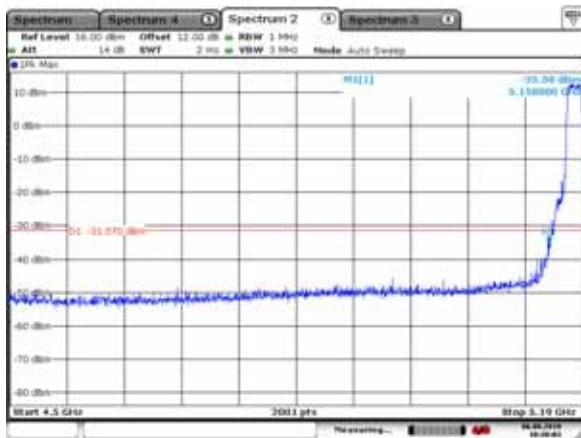
Date: 11. JUL. 2019 05:20:33

5200MHz with SISO



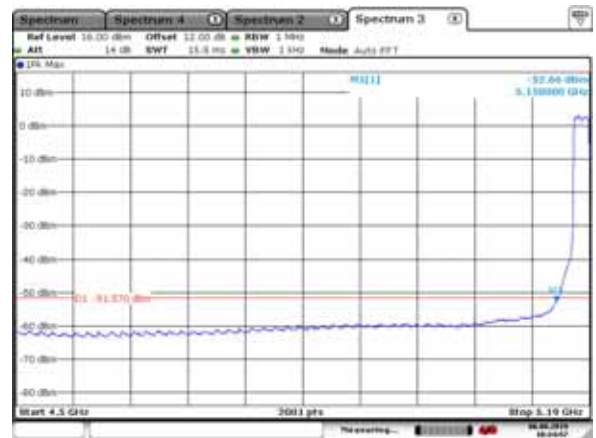
Date: 11. JUL. 2019 05:17:16

5180MHz with CDD



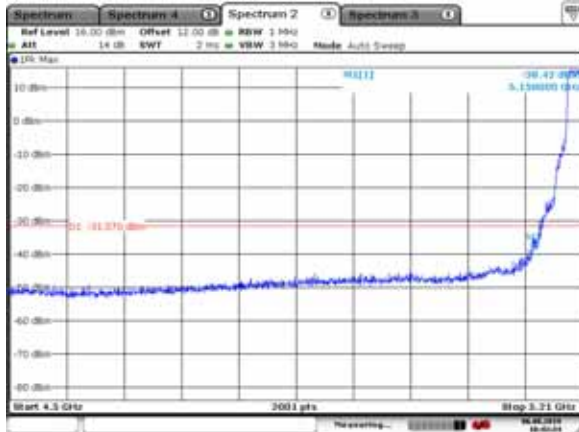
Date: 6. JUN. 2019 18:28:52

5180MHz with CDD



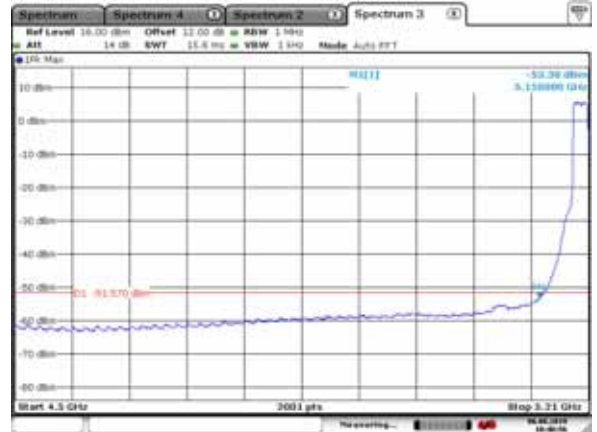
Date: 6. JUN. 2019 18:28:57

5200MHz with CDD



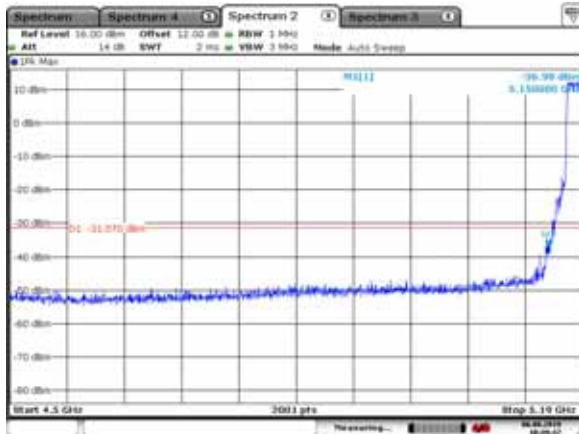
Detec 6.2024.2023 10:41:16

5200MHz with CDD



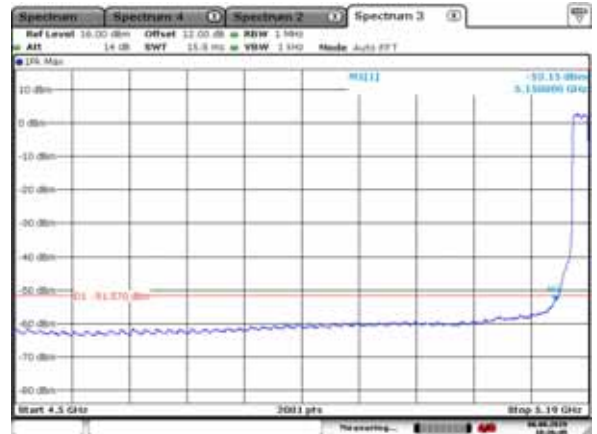
Detec 6.2024.2023 10:41:16

5180MHz with Beamforming



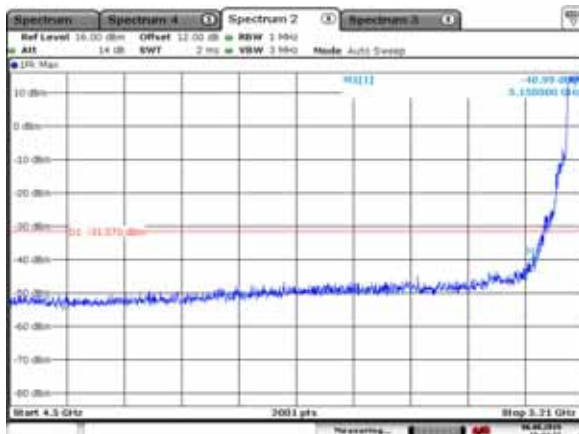
Detec 6.2024.2023 10:41:17

5180MHz with Beamforming



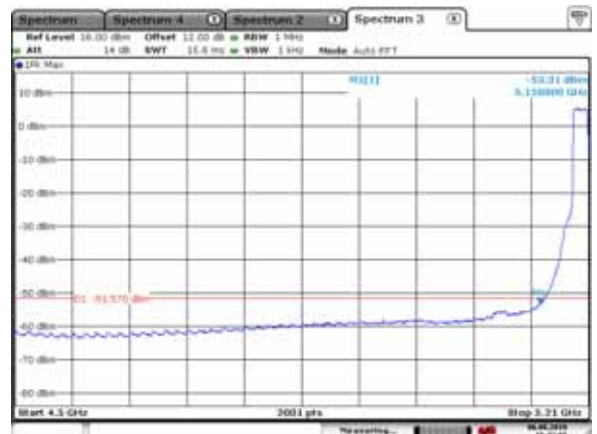
Detec 6.2024.2023 10:41:16

5200MHz with Beamforming



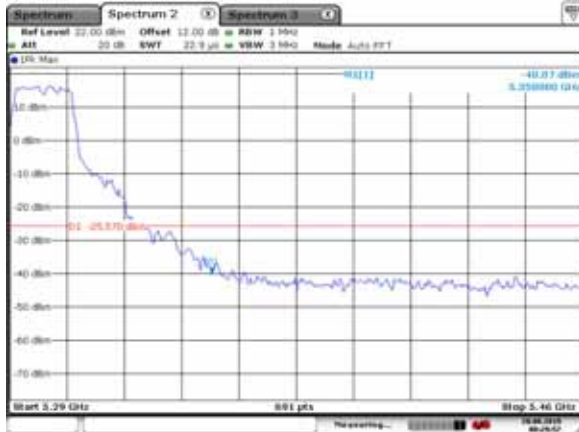
Detec 6.2024.2023 10:41:17

5200MHz with Beamforming



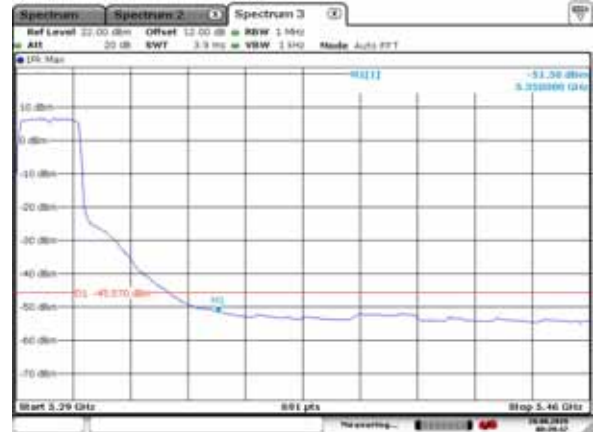
Detec 6.2024.2023 10:41:16

5300MHz with SISO



Delay: 20.805.2019 09:29:17

5300MHz with SISO



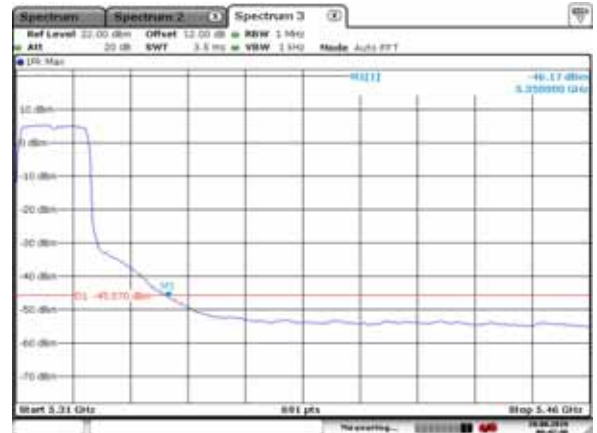
Delay: 20.805.2019 09:29:17

5320MHz with SISO



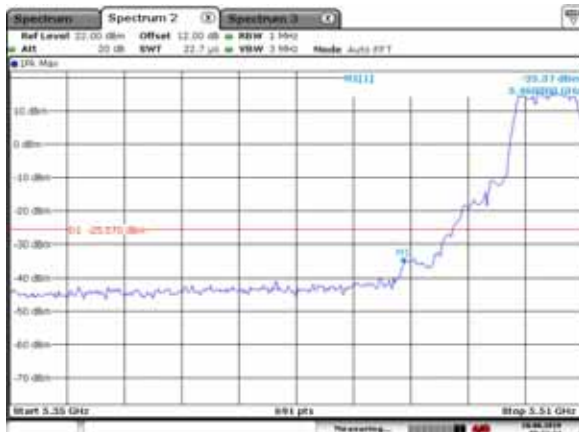
Delay: 20.805.2019 09:32:13

5320MHz with SISO



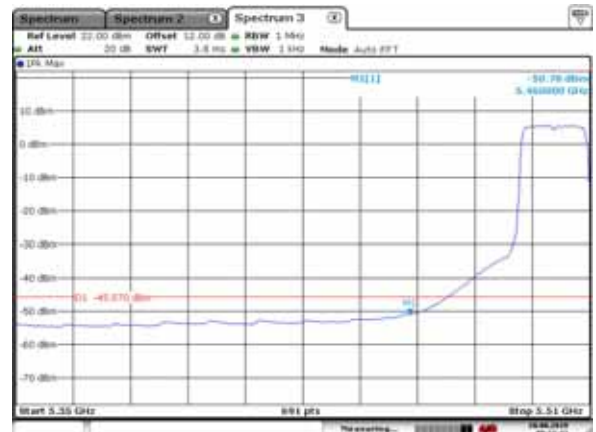
Delay: 20.805.2019 09:37:16

5500MHz with SISO



Delay: 20.805.2019 09:33:14

5500MHz with SISO

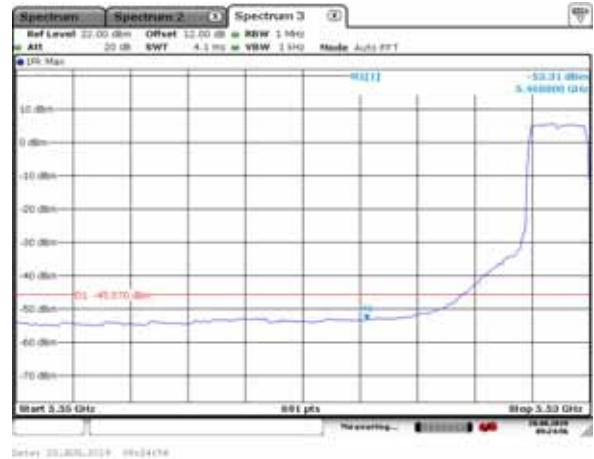


Delay: 20.805.2019 09:33:20

5520MHz with SISO



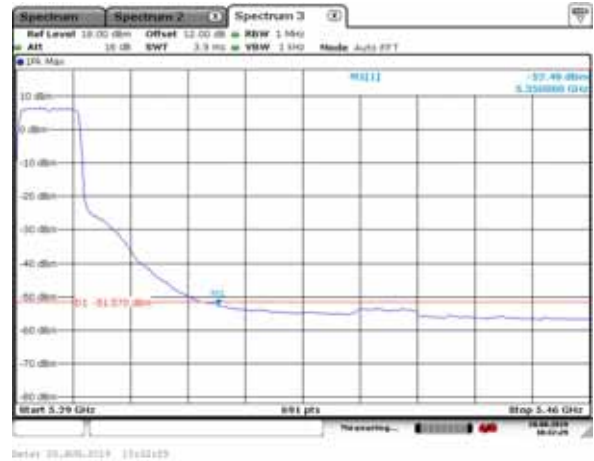
5520MHz with SISO



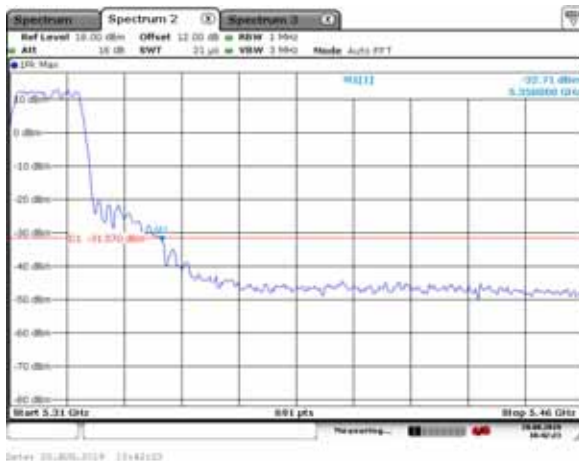
5300MHz with CDD



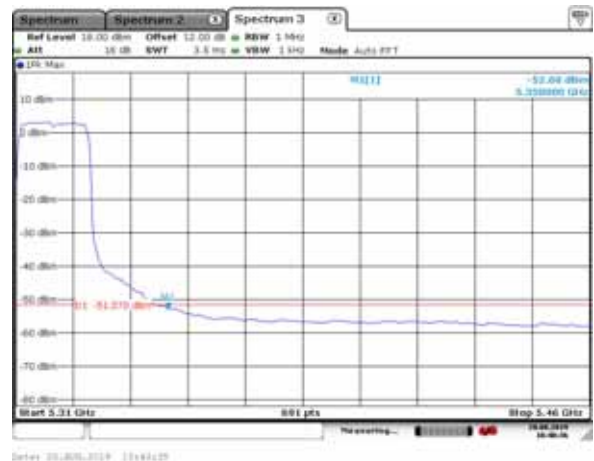
5300MHz with CDD



5320MHz with CDD



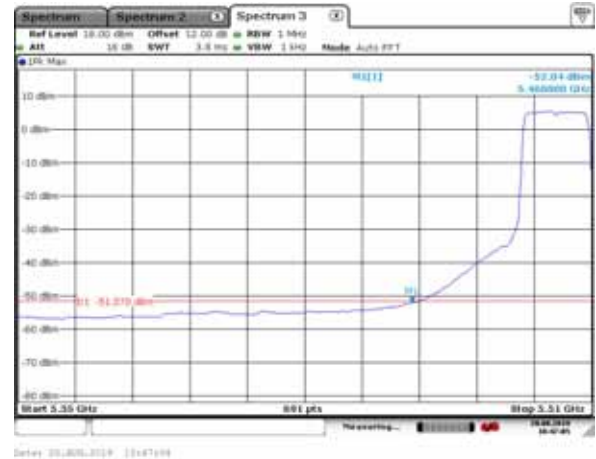
5320MHz with CDD



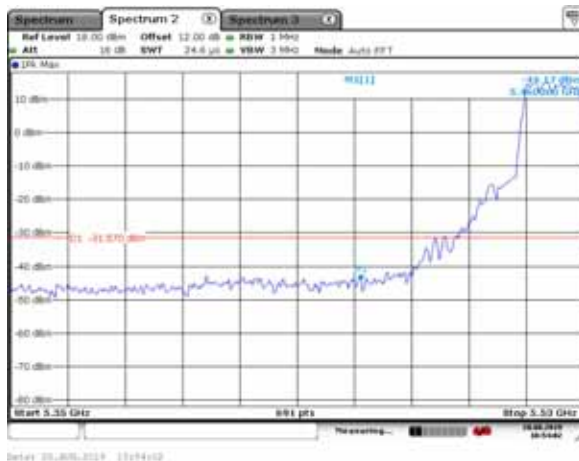
5500MHz with CDD



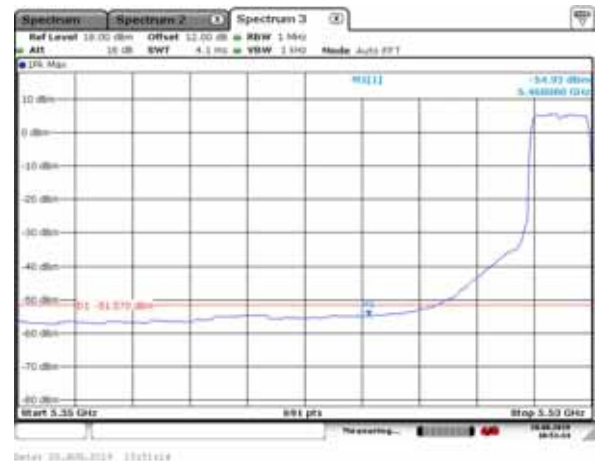
5500MHz with CDD



5520MHz with CDD



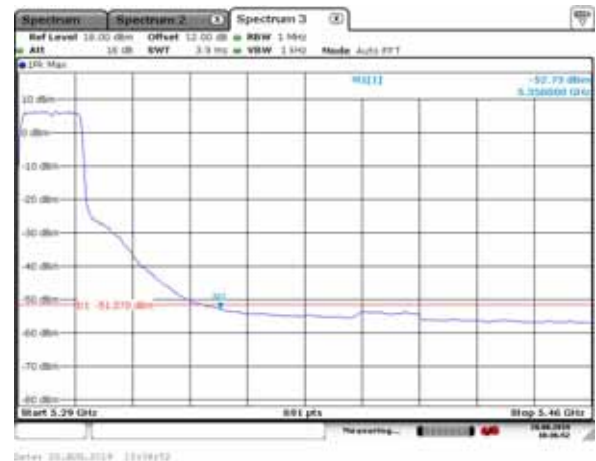
5520MHz with CDD



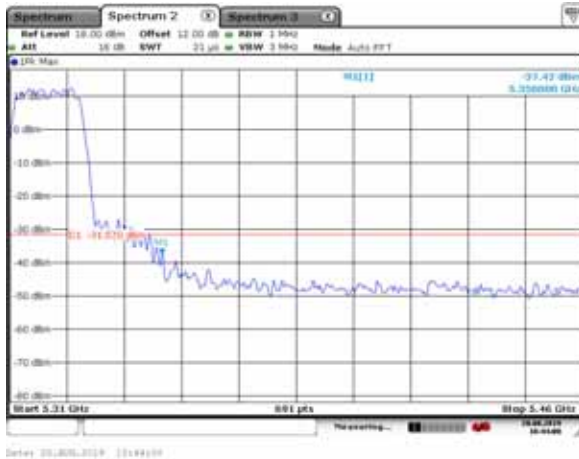
5300MHz with Beamforming



5300MHz with Beamforming

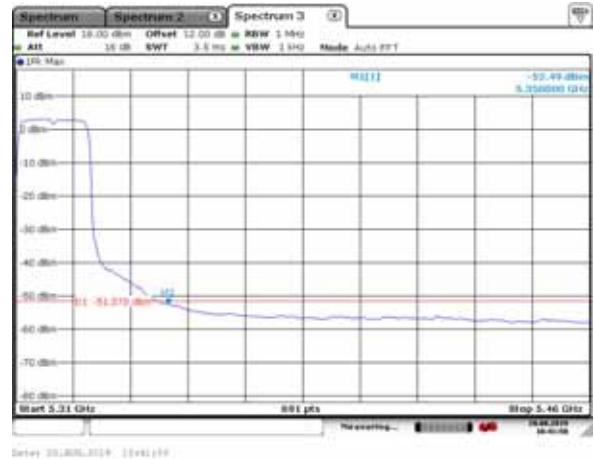


5320MHz with Beamforming



Delay 20.000.000 [10x10]

5320MHz with Beamforming



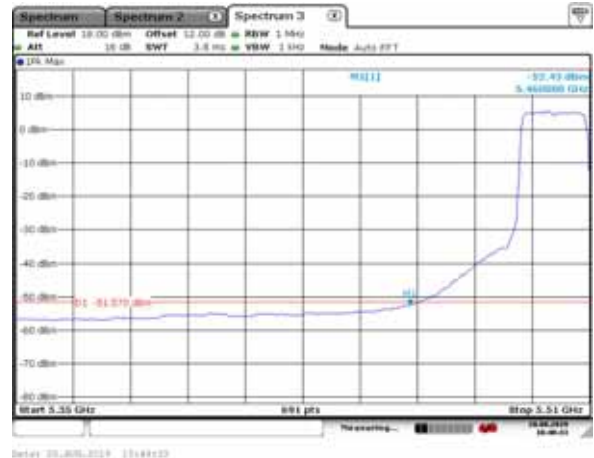
Delay 20.000.000 [10x10]

5500MHz with Beamforming



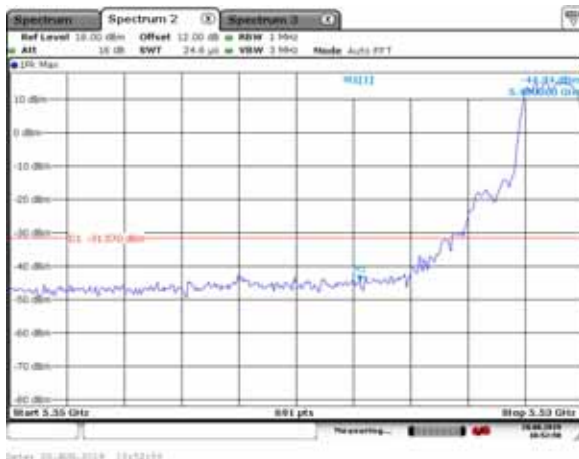
Delay 20.000.000 [10x10]

5500MHz with Beamforming



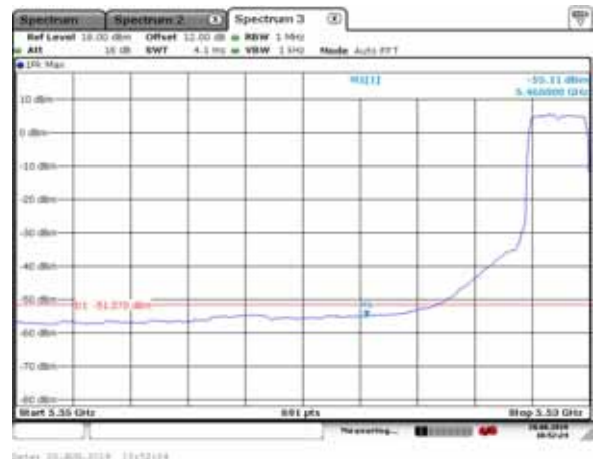
Delay 20.000.000 [10x10]

5520MHz with Beamforming



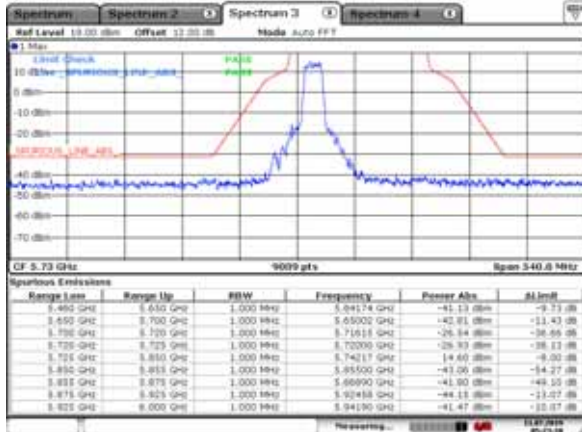
Delay 20.000.000 [10x10]

5520MHz with Beamforming



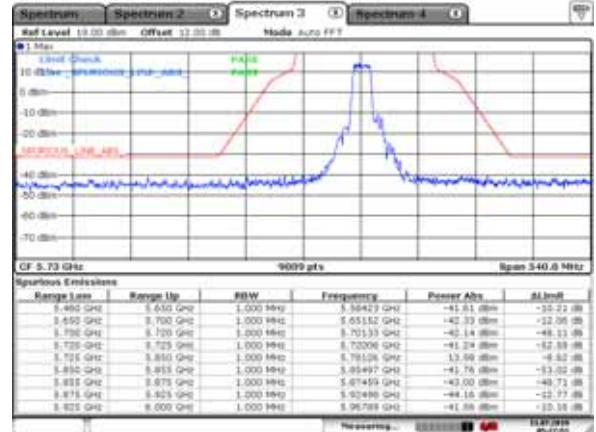
Delay 20.000.000 [10x10]

5745MHz with SISO



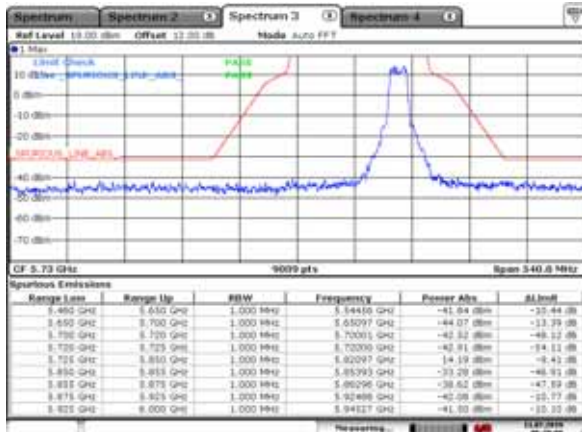
Date: 11. JUL. 2019 05:23:09

5785MHz with SISO



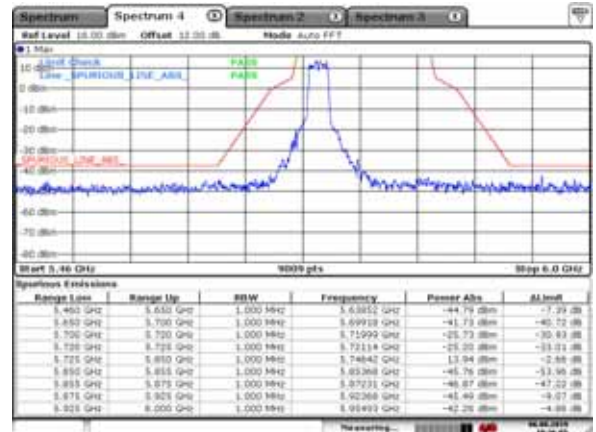
Date: 11. JUL. 2019 05:27:51

5825MHz with SISO



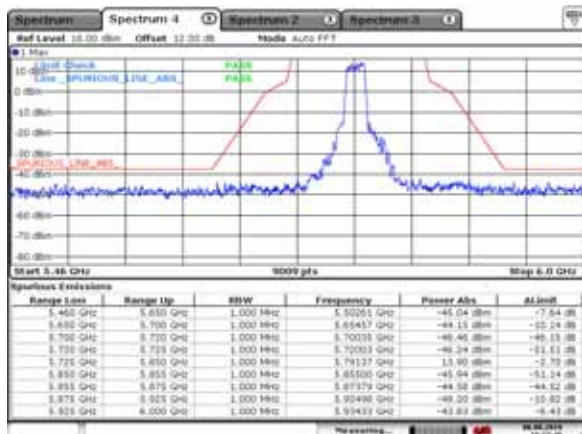
Date: 11. JUL. 2019 05:29:08

5745MHz with CDD



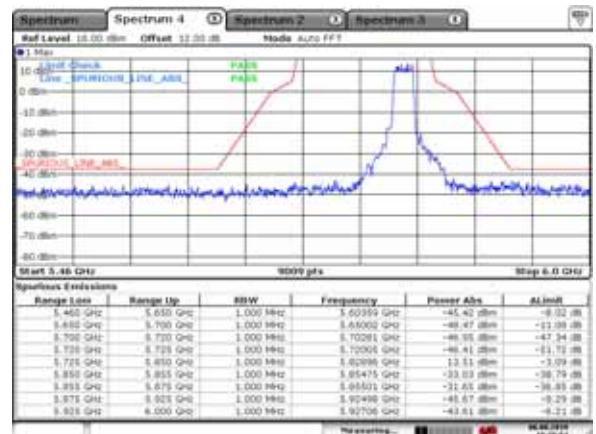
Date: 6. JUN. 2023 19:58:55

5785MHz with CDD



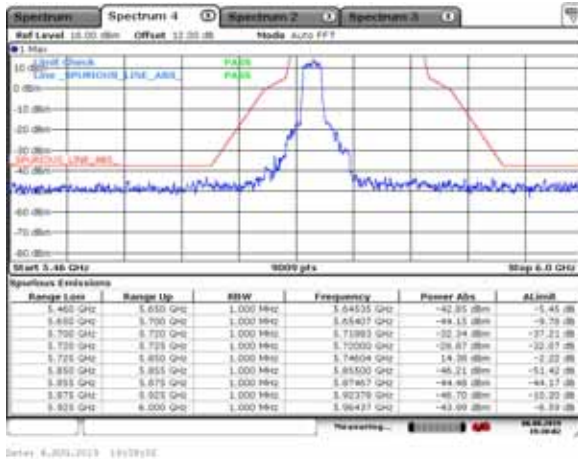
Date: 6. JUN. 2023 19:57:49

5825MHz with CDD



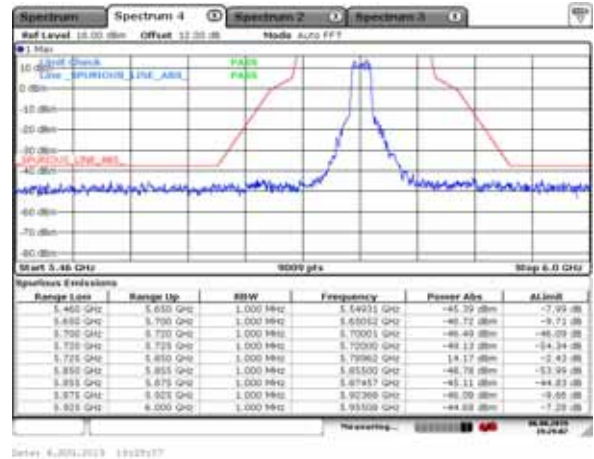
Date: 6. JUN. 2023 19:59:56

5745MHz with Beamforming



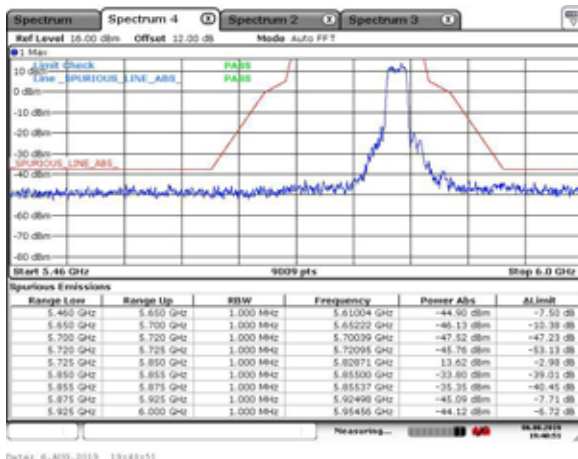
Date: 6.AUG.2019 19:29:12

5785MHz with Beamforming



Date: 6.AUG.2019 19:29:17

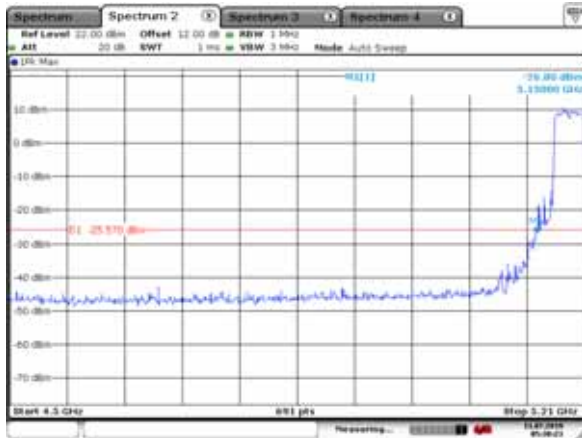
5825MHz with Beamforming



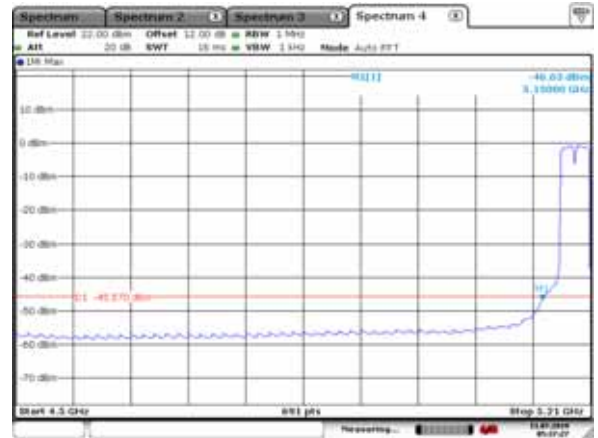
Date: 6.AUG.2019 19:40:51

802.11n(40MHz)

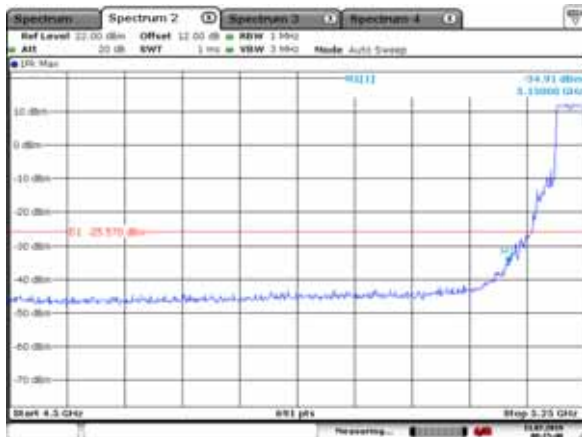
5190MHz with SISO



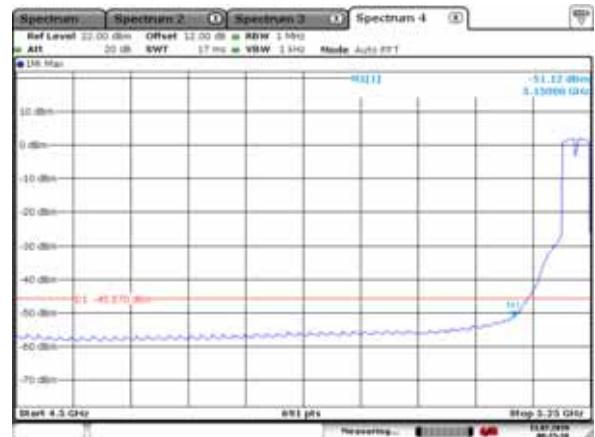
5190MHz with SISO



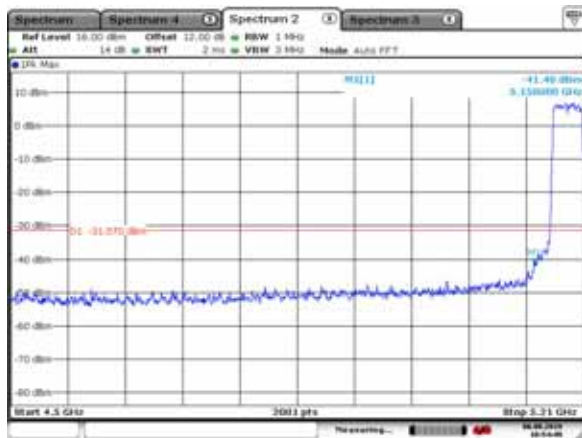
5230MHz with SISO



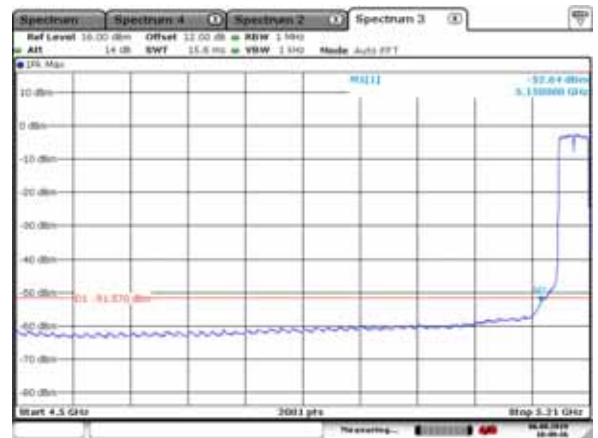
5230MHz with SISO



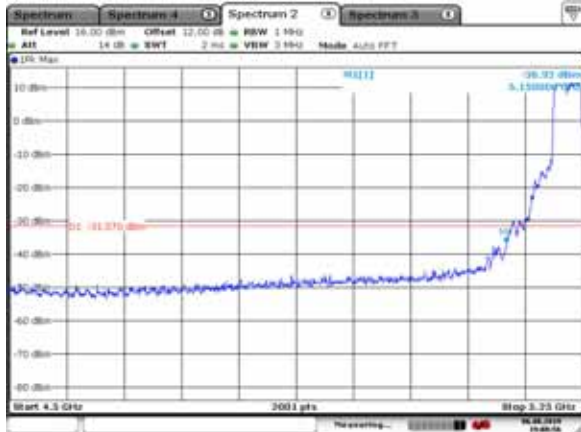
5190MHz with CDD



5190MHz with CDD

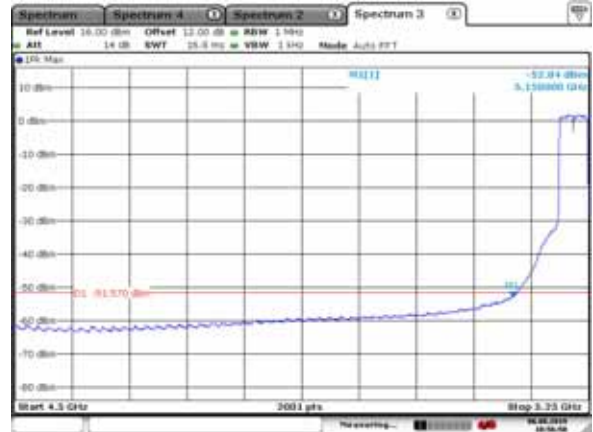


5230MHz with CDD



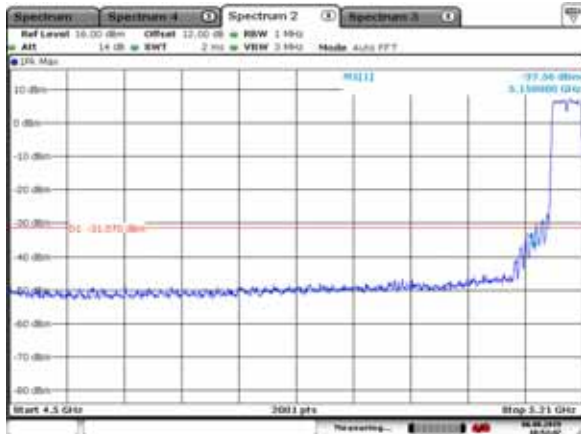
Date: 6/30/2019 15:55:59

5230MHz with CDD



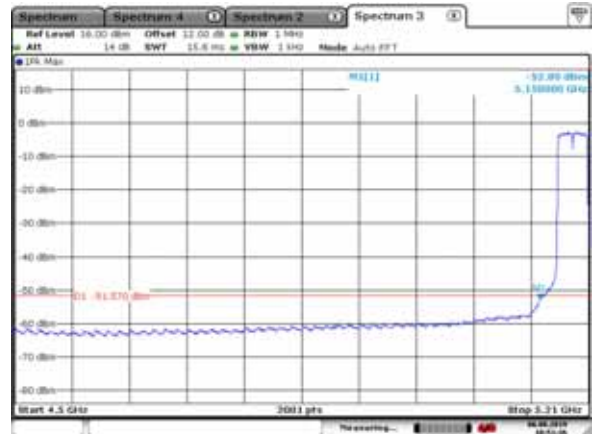
Date: 6/30/2019 16:56:55

5190MHz with Beamforming



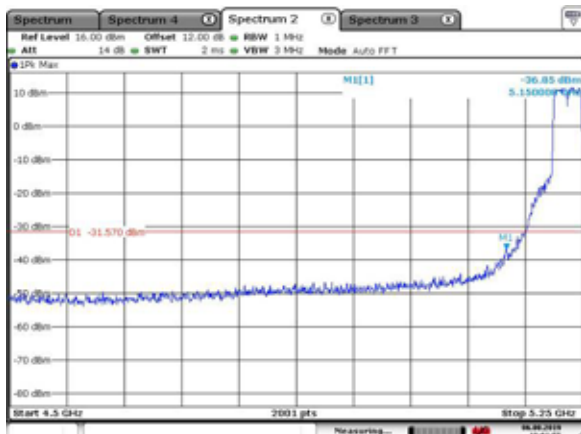
Date: 6/30/2019 15:55:47

5190MHz with Beamforming



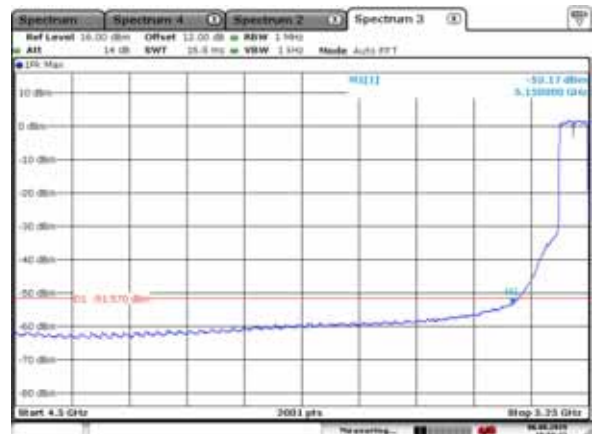
Date: 6/30/2019 16:55:18

5230MHz with Beamforming



Date: 6/30/2019 15:55:55

5230MHz with Beamforming



Date: 6/30/2019 16:56:32

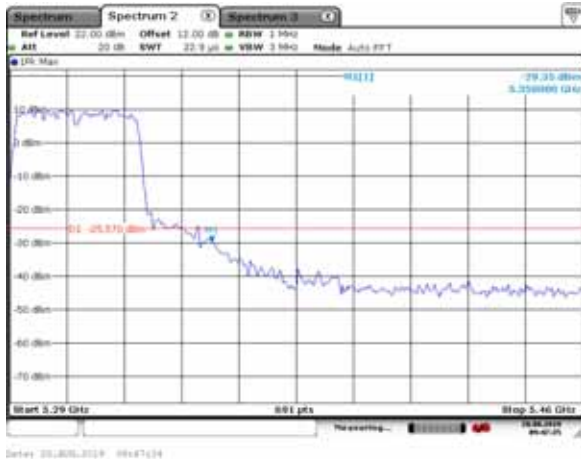
5270MHz with SISO



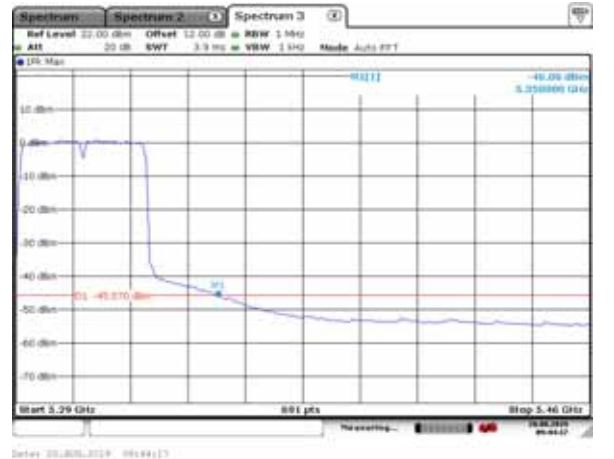
5270MHz with SISO



5310MHz with SISO



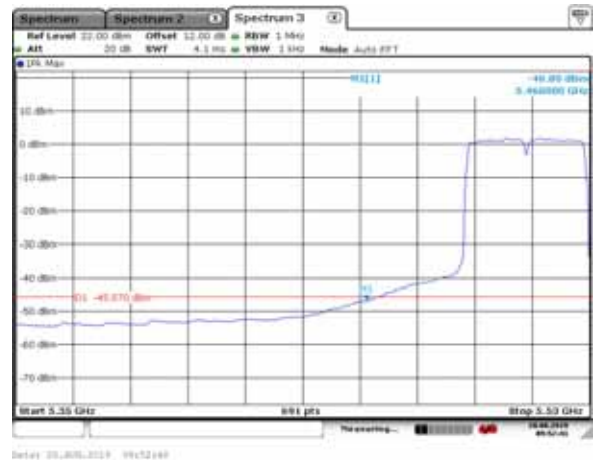
5310MHz with SISO



5510MHz with SISO



5510MHz with SISO



5550MHz with SISO



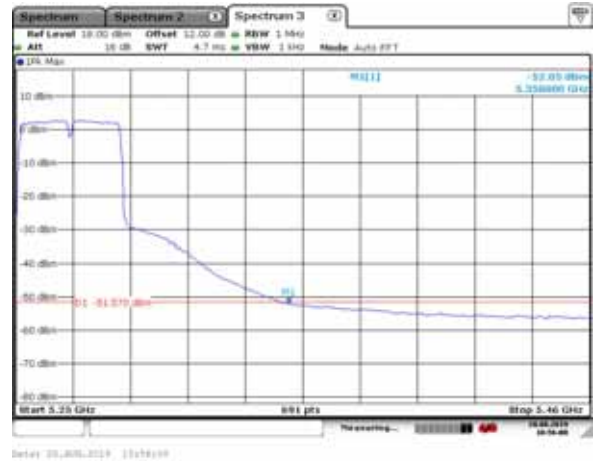
5550MHz with SISO



5270MHz with CDD



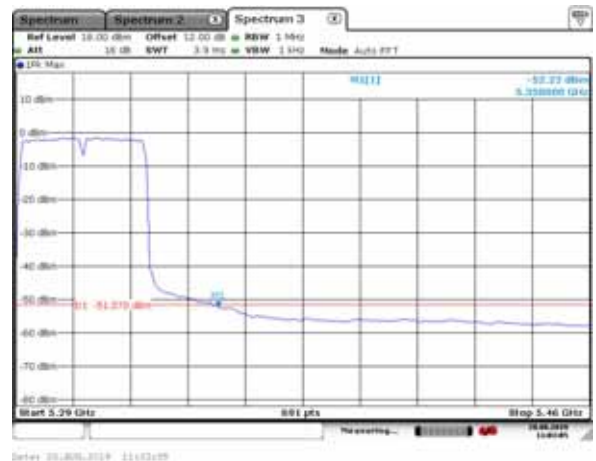
5270MHz with CDD



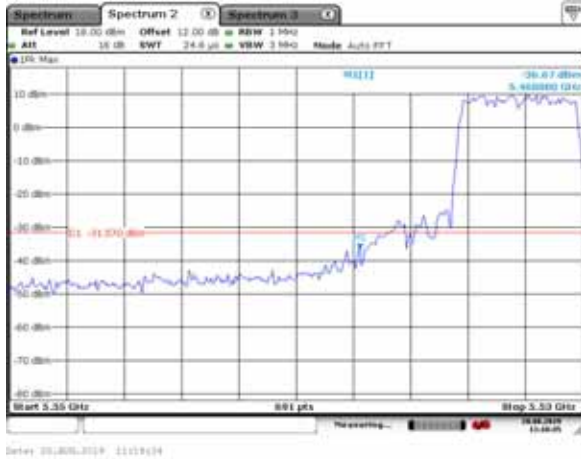
5310MHz with CDD



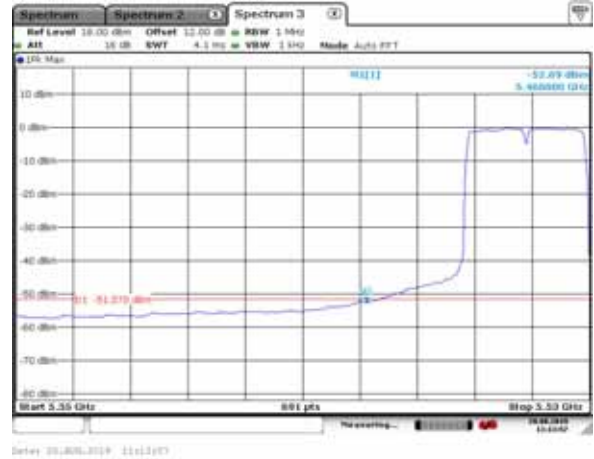
5310MHz with CDD



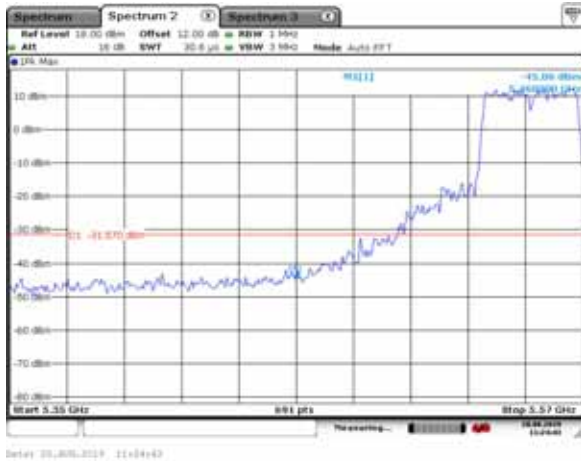
5510MHz with CDD



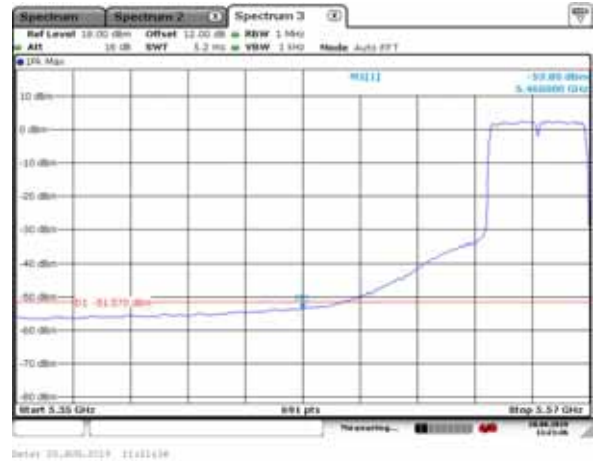
5510MHz with CDD



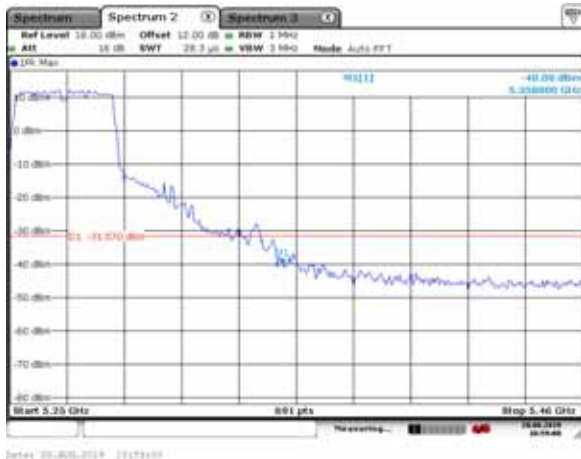
5550MHz with CDD



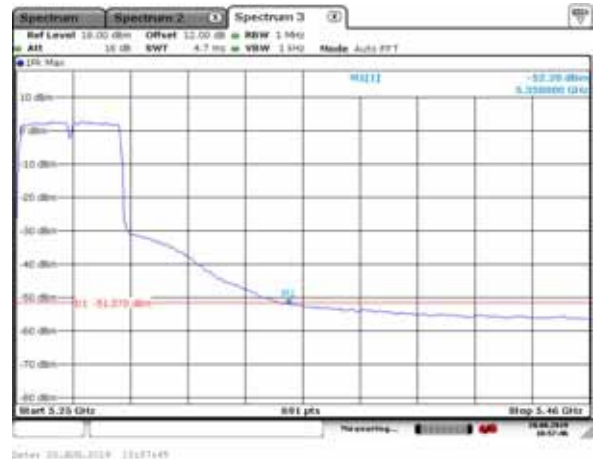
5550MHz with CDD



5270MHz with Beamforming



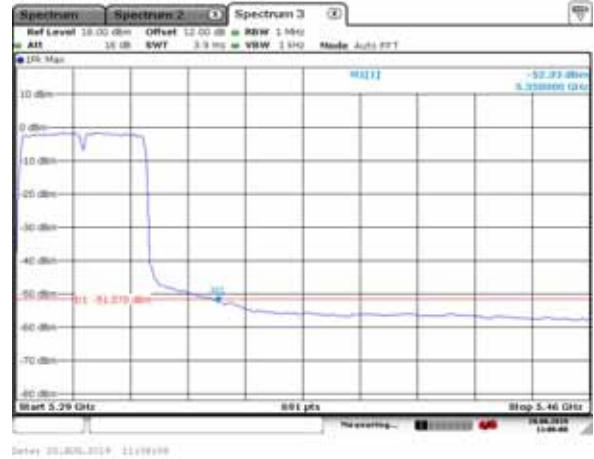
5270MHz with Beamforming



5310MHz with Beamforming



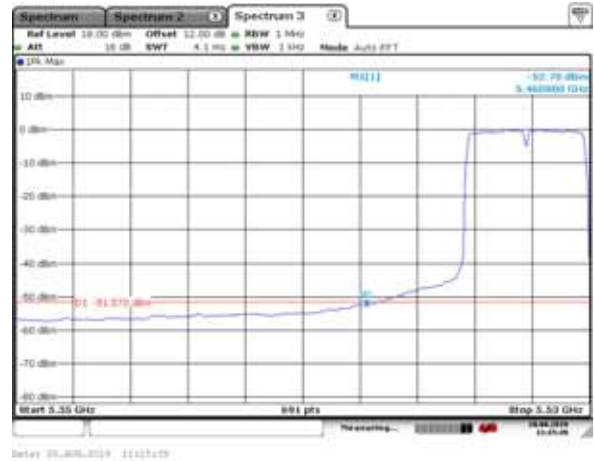
5310MHz with Beamforming



5510MHz with Beamforming



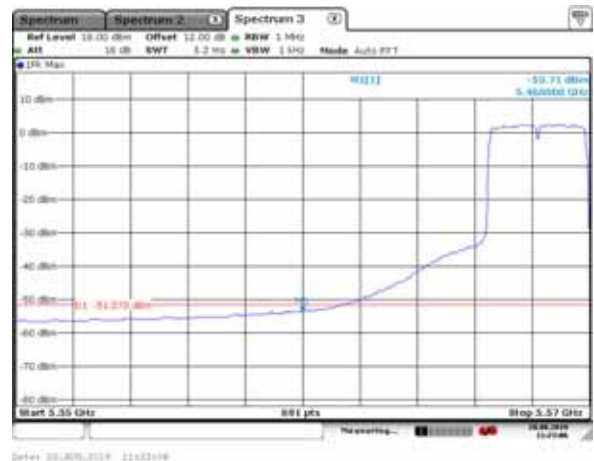
5510MHz with Beamforming



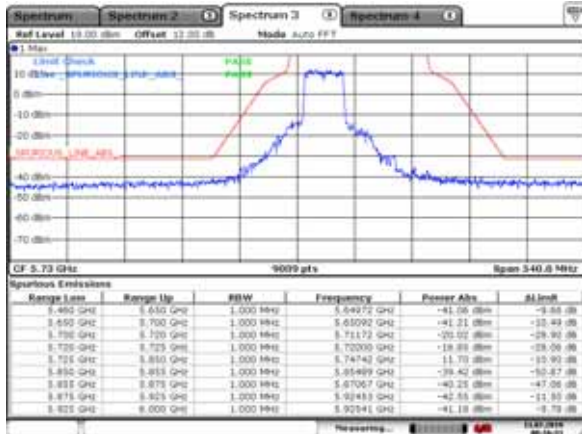
5550MHz with Beamforming



5550MHz with Beamforming

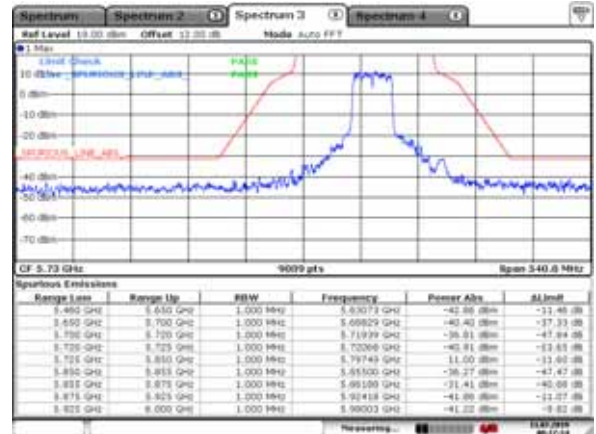


5755MHz with SISO



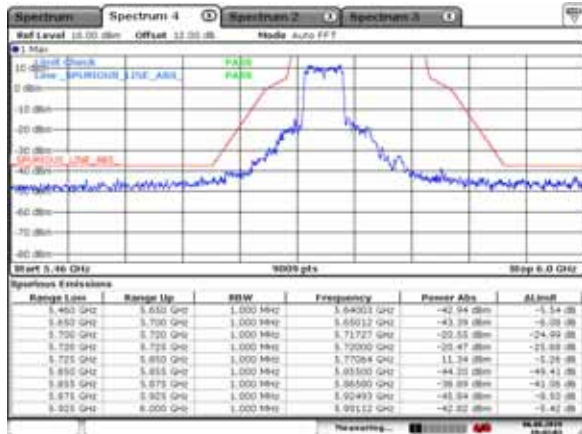
Date: 11. JUL 2019 08:16:34

5795MHz with SISO



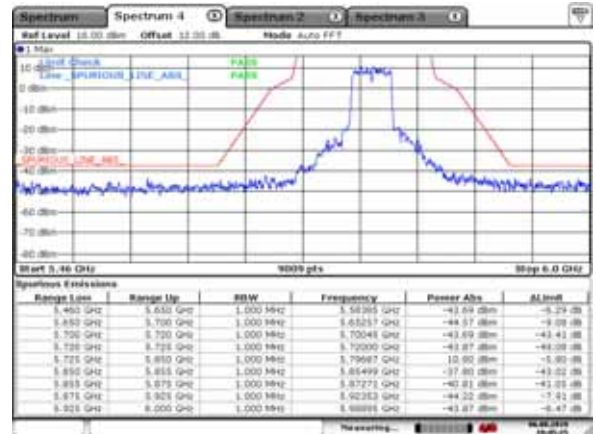
Date: 11. JUL 2019 08:17:15

5755MHz with CDD



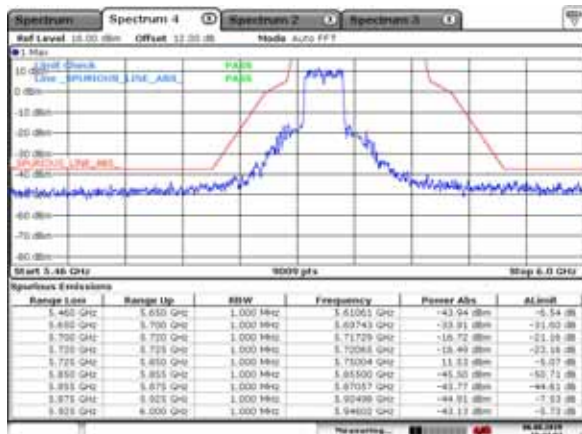
Date: 6. JUN 2023 10:41:02

5795MHz with CDD



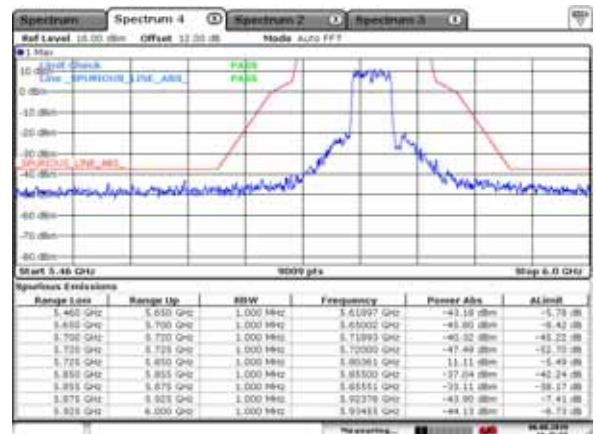
Date: 6. JUN 2023 10:47:13

5755MHz with Beamforming



Date: 6. JUN 2023 10:44:04

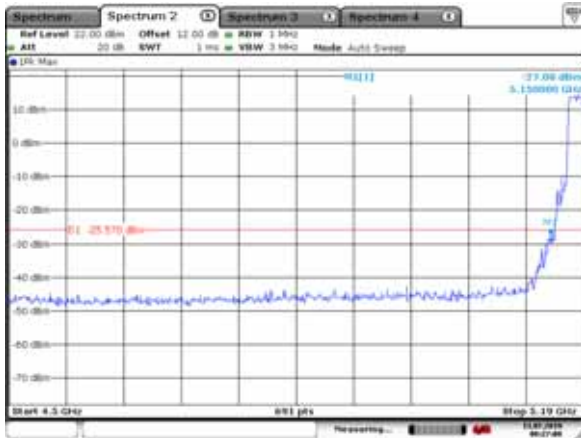
5795MHz with Beamforming



Date: 6. JUN 2023 10:47:08

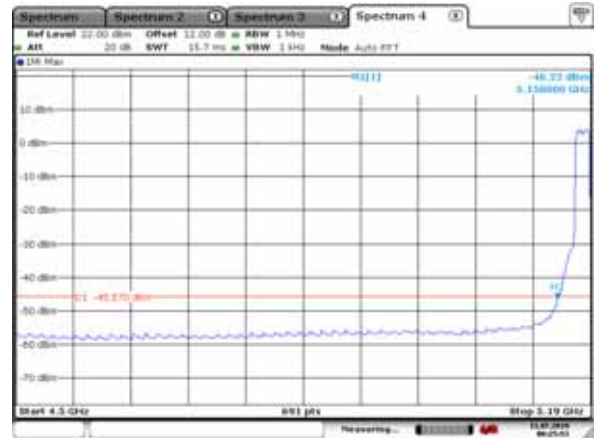
802.11ac(20MHz)

5180MHz with SISO



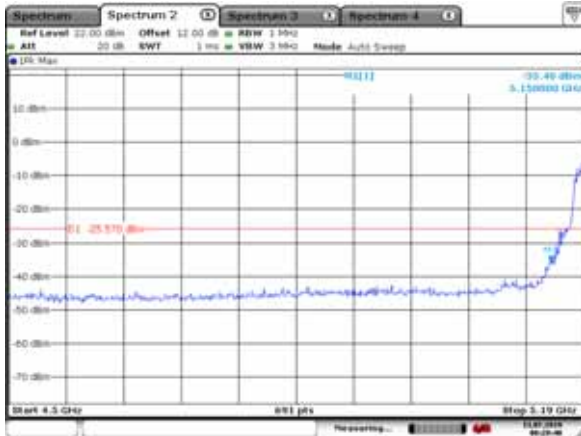
Date: 11. JUL. 2019 08:27:08

5180MHz with SISO



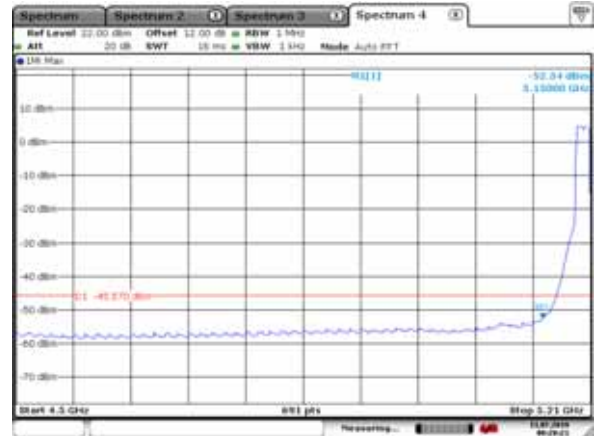
Date: 11. JUL. 2019 08:25:54

5200MHz with SISO



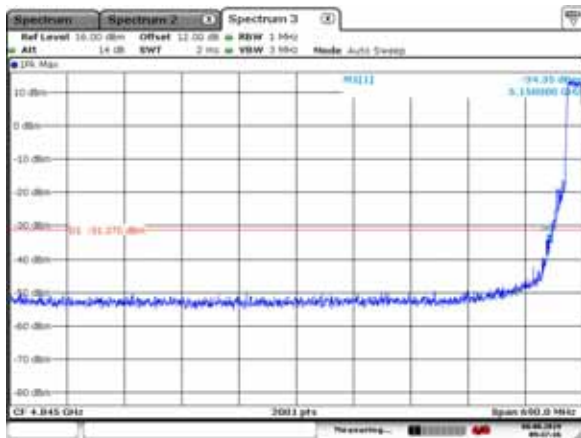
Date: 11. JUL. 2019 08:28:41

5200MHz with SISO



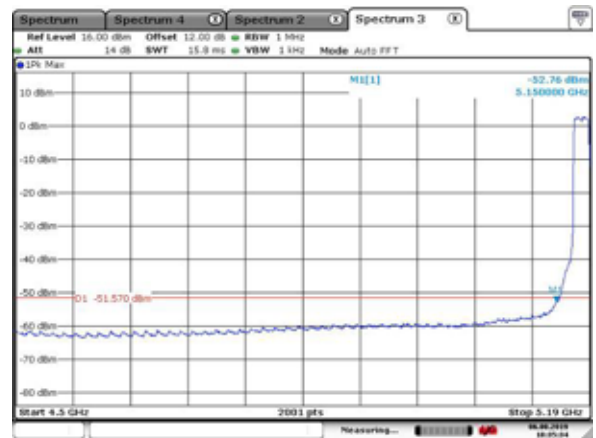
Date: 11. JUL. 2019 08:28:21

5180MHz with CDD



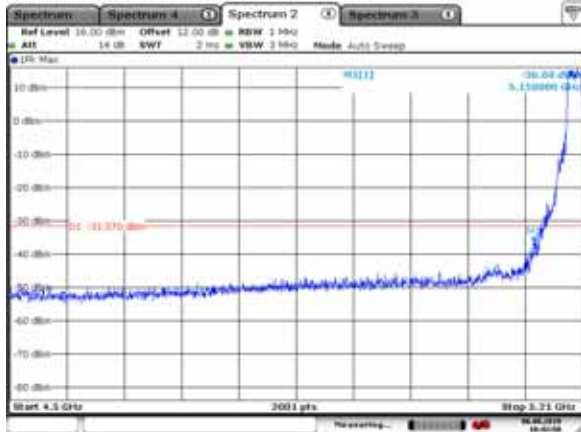
Date: 6. AUG. 2019 18:27:17

5180MHz with CDD



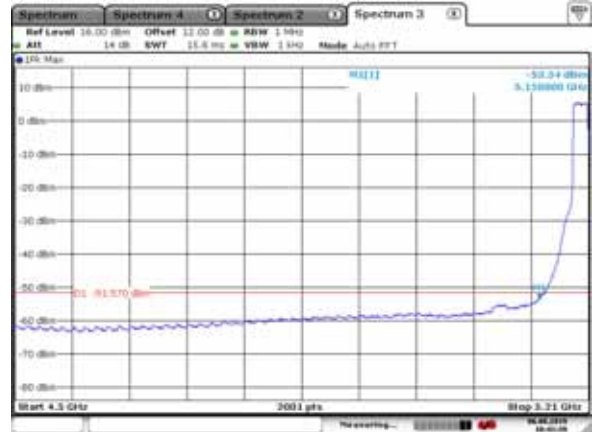
Date: 6. AUG. 2019 18:35:34

5200MHz with CDD



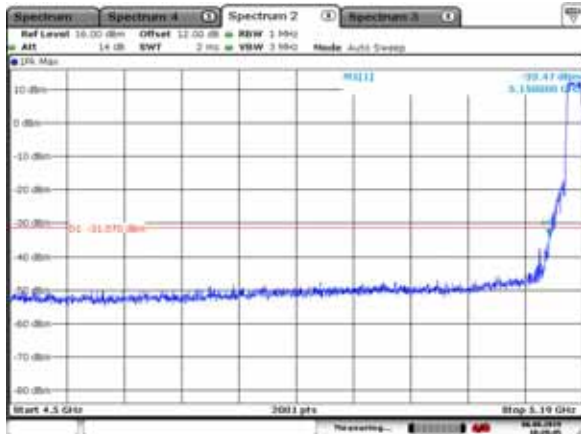
Date: 6/20/2013 10:41:55

5200MHz with CDD



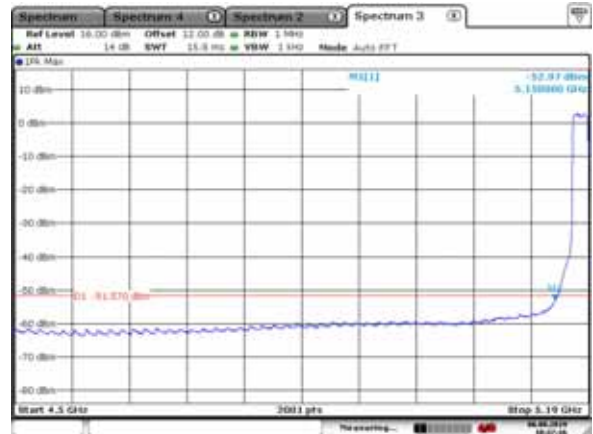
Date: 6/20/2013 10:41:55

5180MHz with Beamforming



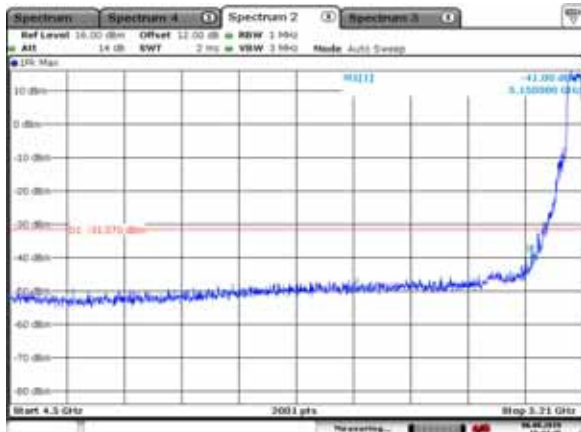
Date: 6/20/2013 10:27:46

5180MHz with Beamforming



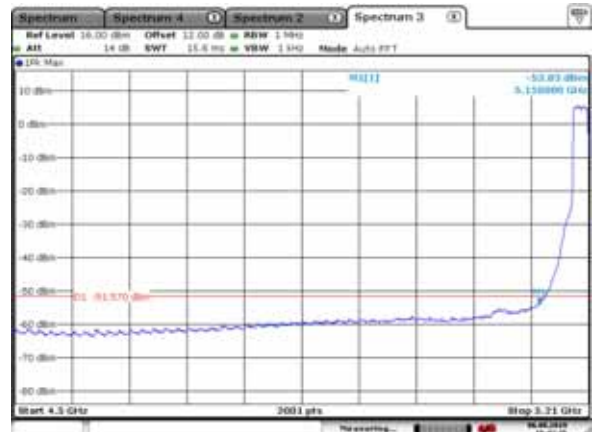
Date: 6/20/2013 10:27:46

5200MHz with Beamforming



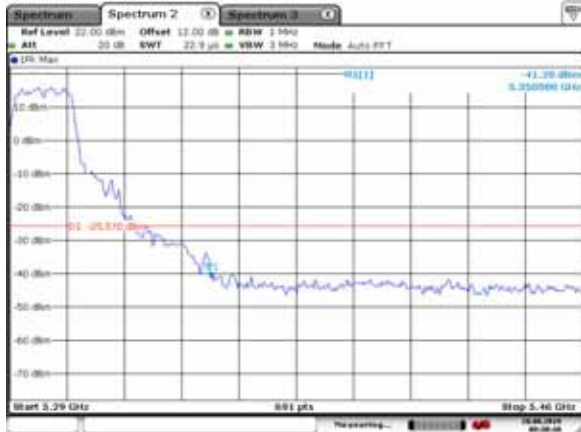
Date: 6/20/2013 10:44:09

5200MHz with Beamforming



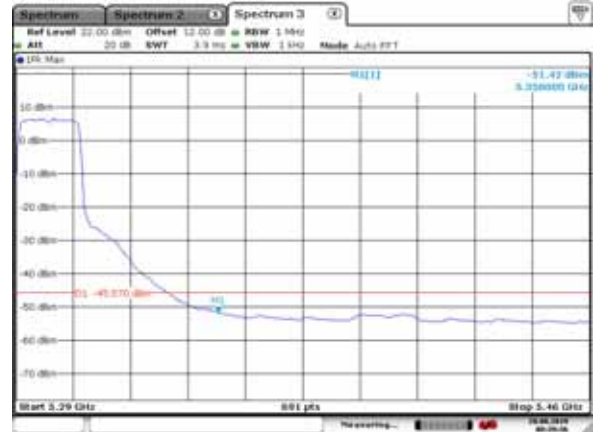
Date: 6/20/2013 10:44:09

5300MHz with SISO



Delay 20.000.000 00:00:00

5300MHz with SISO



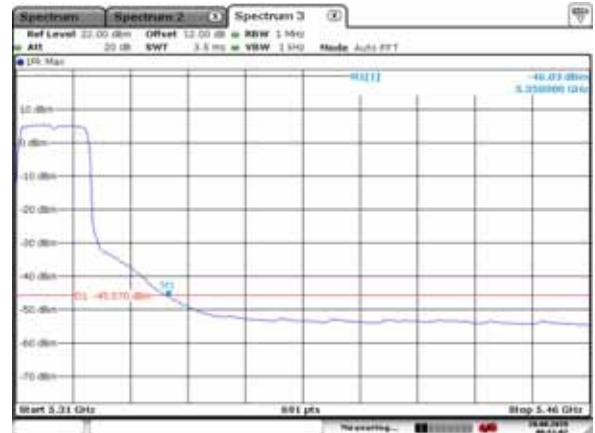
Delay 20.000.000 00:00:00

5320MHz with SISO



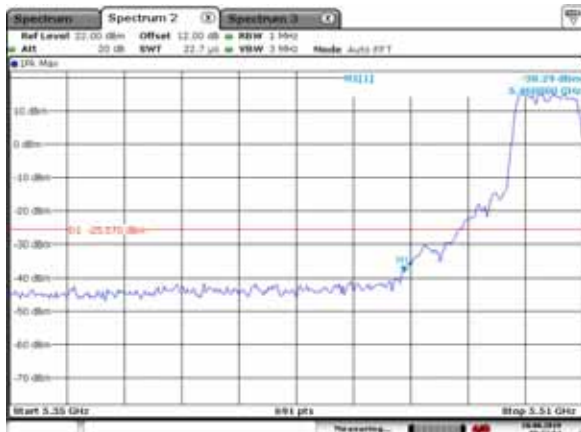
Delay 20.000.000 00:00:00

5320MHz with SISO



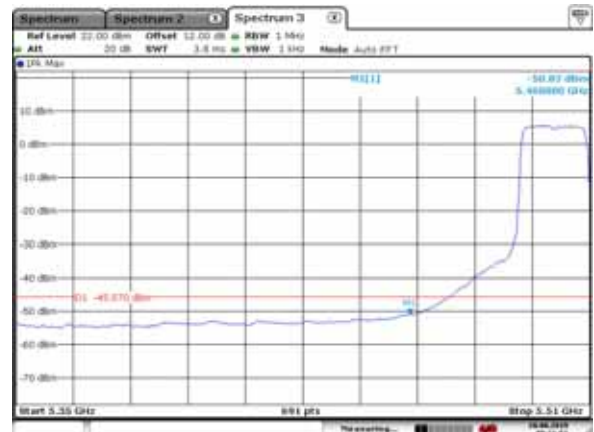
Delay 20.000.000 00:00:00

5500MHz with SISO



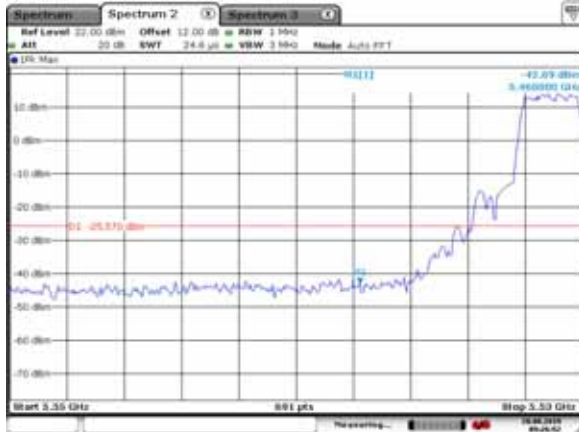
Delay 20.000.000 00:00:00

5500MHz with SISO

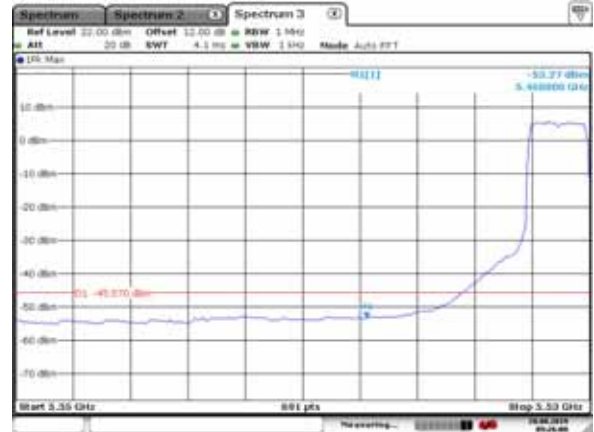


Delay 20.000.000 00:00:00

5520MHz with SISO



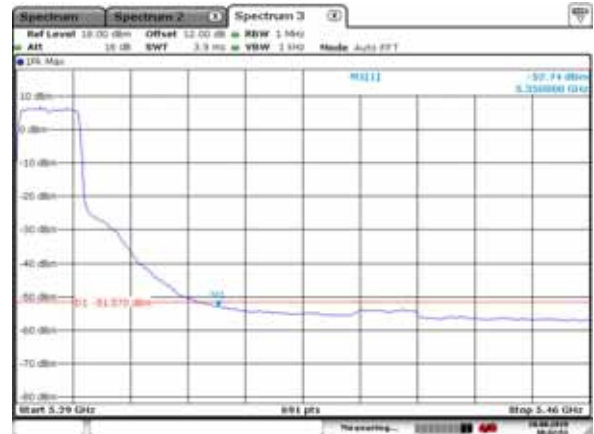
5520MHz with SISO



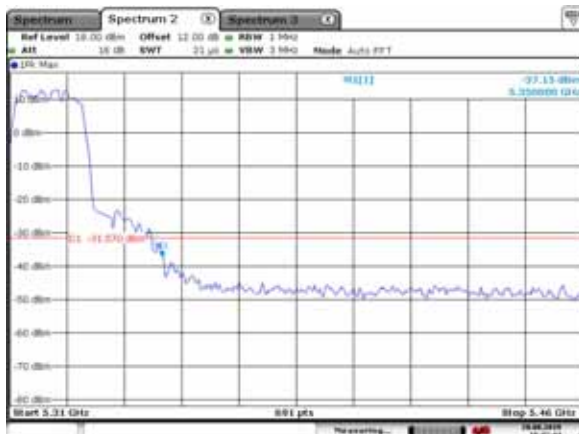
5300MHz with CDD



5300MHz with CDD



5320MHz with CDD



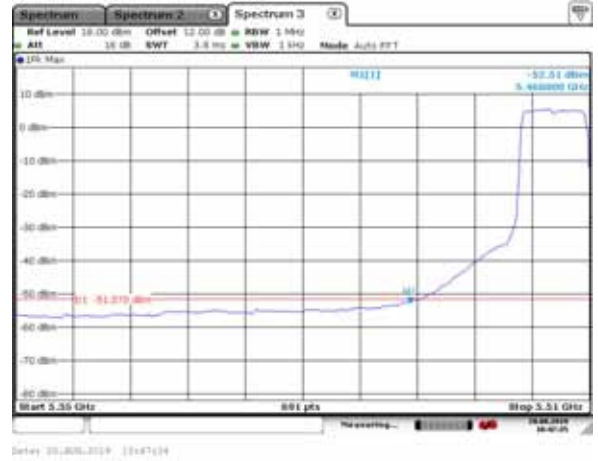
5320MHz with CDD



5500MHz with CDD



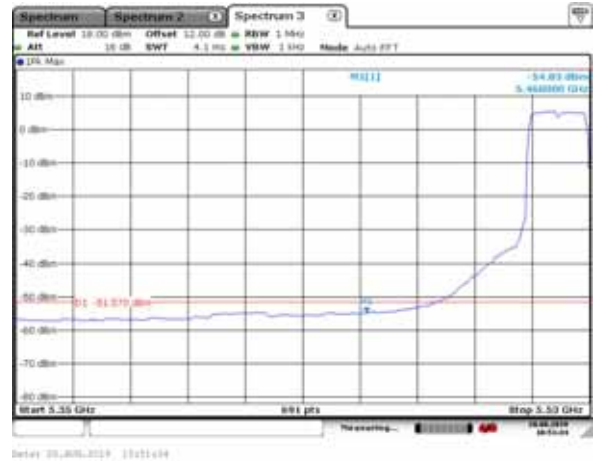
5500MHz with CDD



5520MHz with CDD



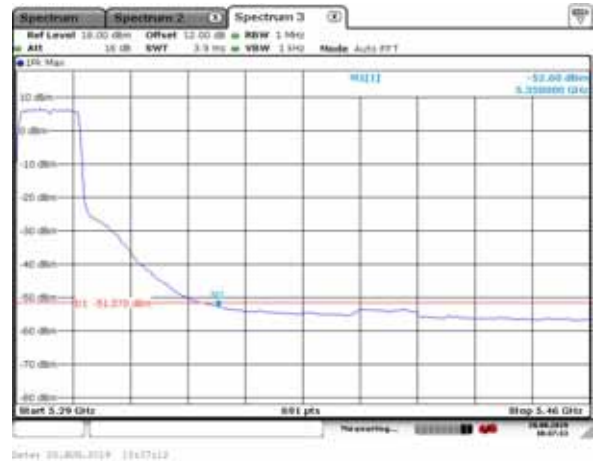
5520MHz with CDD



5300MHz with Beamforming



5300MHz with Beamforming

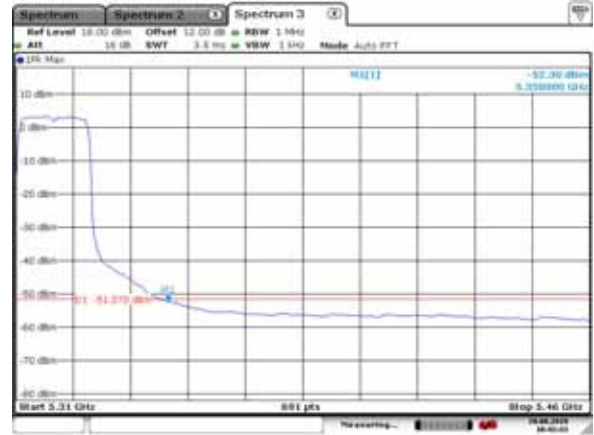


5320MHz with Beamforming



Delay 20.000.000 10x100

5320MHz with Beamforming



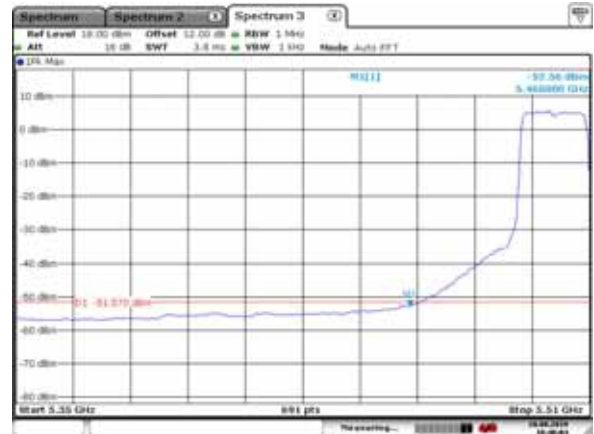
Delay 20.000.000 10x100

5500MHz with Beamforming



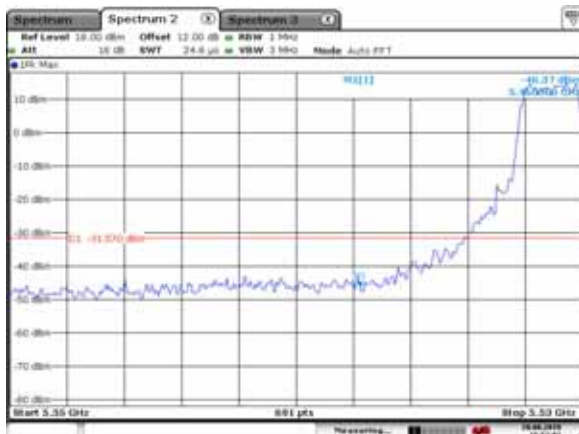
Delay 20.000.000 10x100

5500MHz with Beamforming



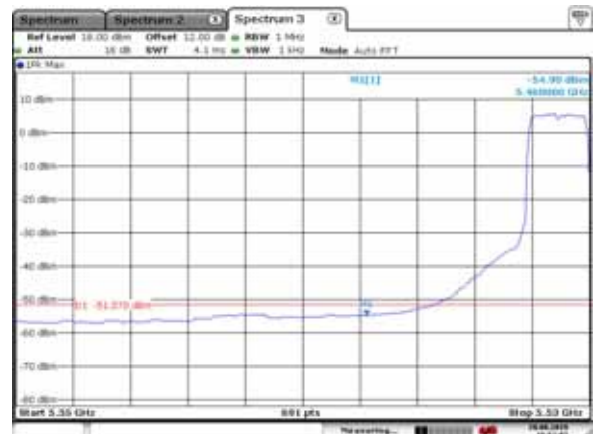
Delay 20.000.000 10x100

5520MHz with Beamforming



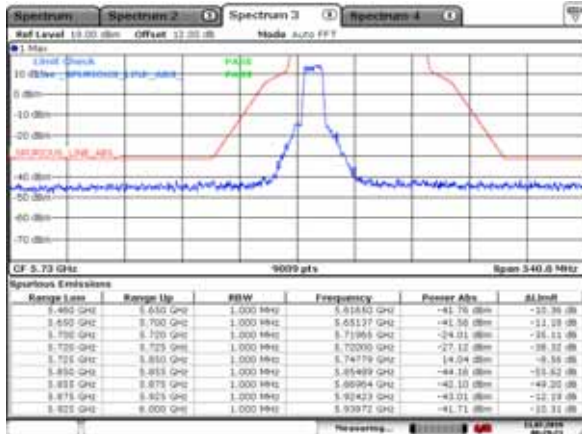
Delay 20.000.000 10x100

5520MHz with Beamforming



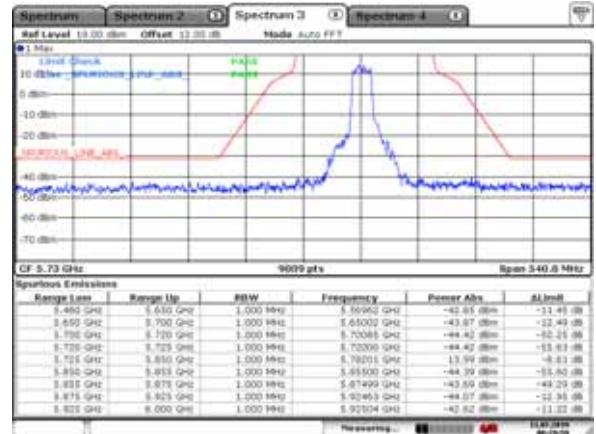
Delay 20.000.000 10x100

5745MHz with SISO



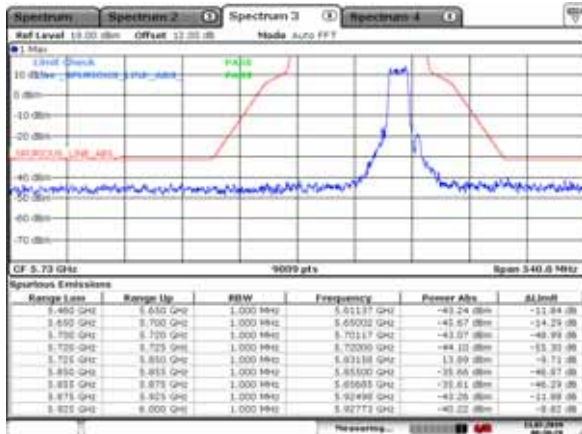
Date: 11. JUL. 2019 08:29:23

5785MHz with SISO



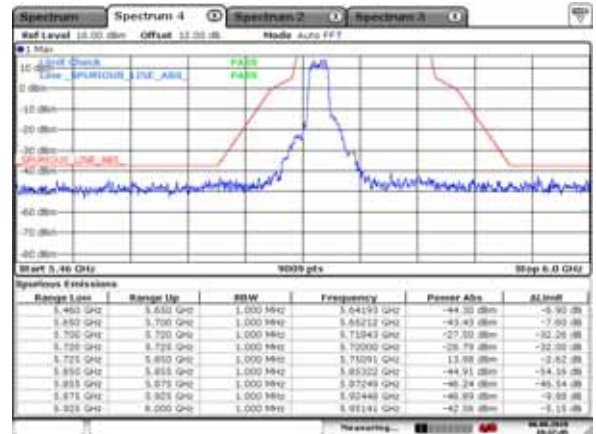
Date: 11. JUL. 2019 08:29:59

5825MHz with SISO



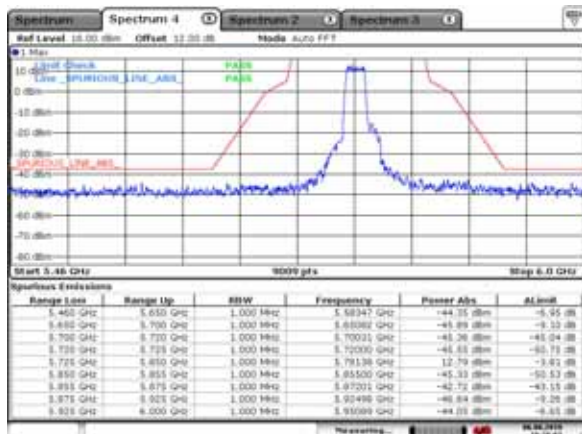
Date: 11. JUL. 2019 08:30:29

5745MHz with CDD



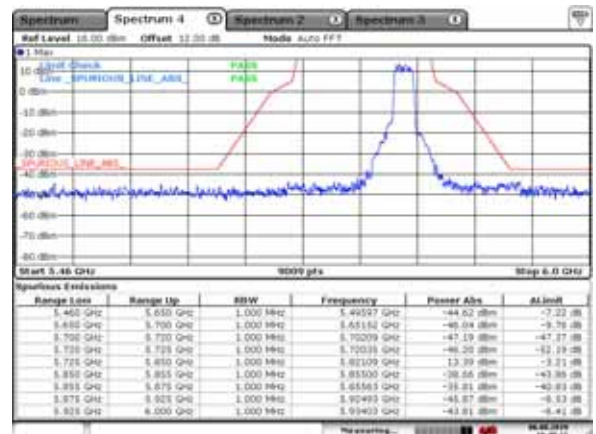
Date: 6. JUN. 2023 19:17:40

5785MHz with CDD



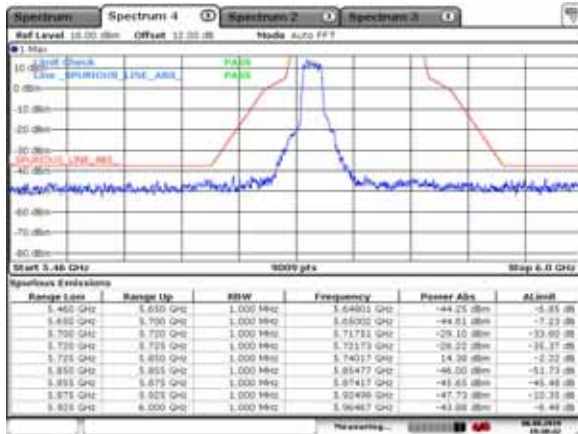
Date: 6. JUN. 2023 19:25:17

5825MHz with CDD



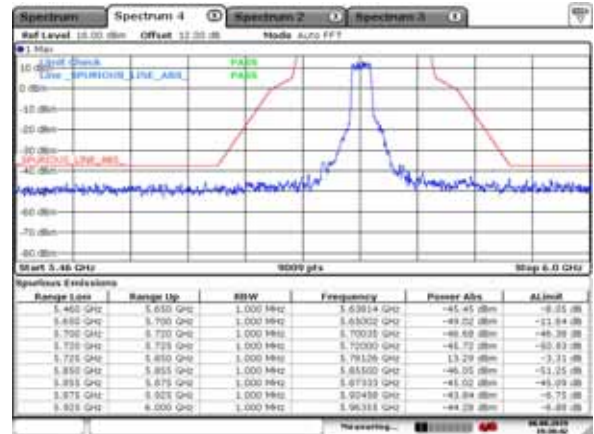
Date: 6. JUN. 2023 19:48:11

5745MHz with Beamforming



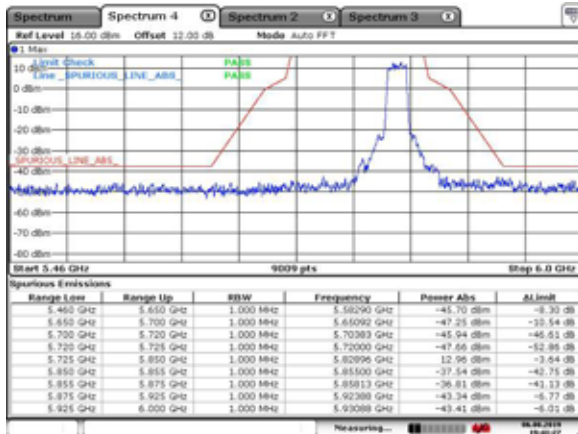
Date: 6.AUG.2019 19:37:32

5785MHz with Beamforming



Date: 6.AUG.2019 19:37:43

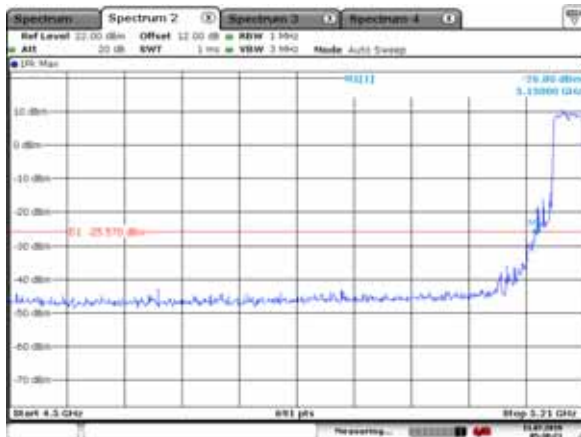
5825MHz with Beamforming



Date: 6.AUG.2019 19:41:27

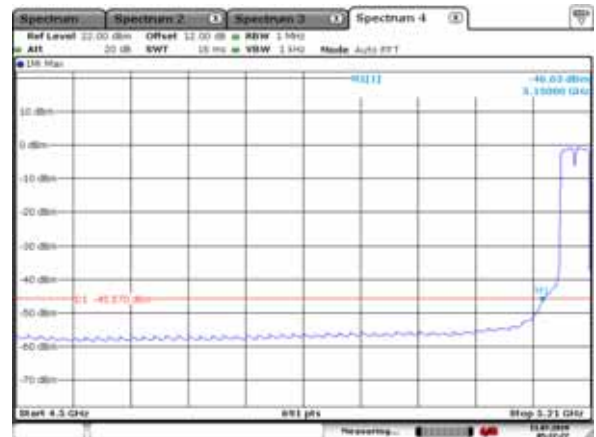
802.11ac(40MHz)

5190MHz with SISO



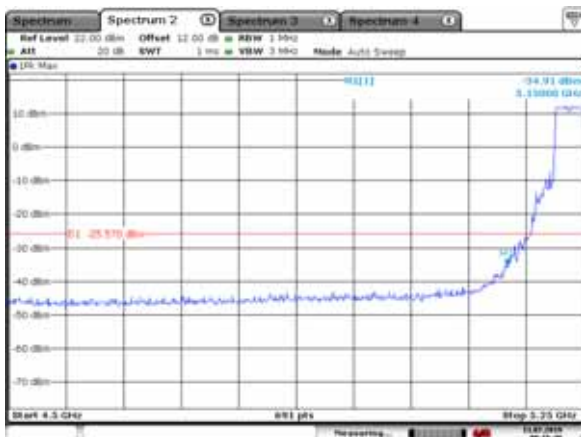
Date: 11. JUL. 2019 05:38:23

5190MHz with SISO



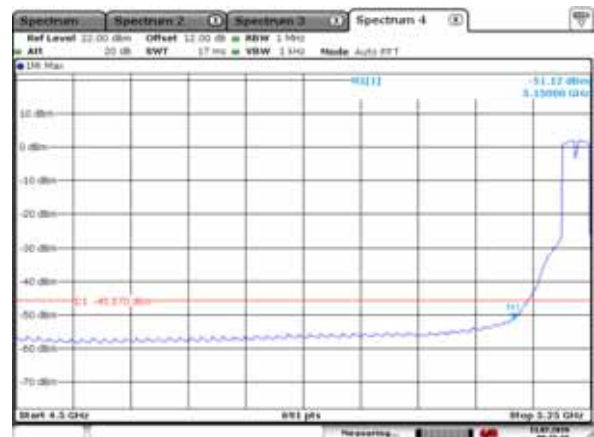
Date: 11. JUL. 2019 05:37:27

5230MHz with SISO



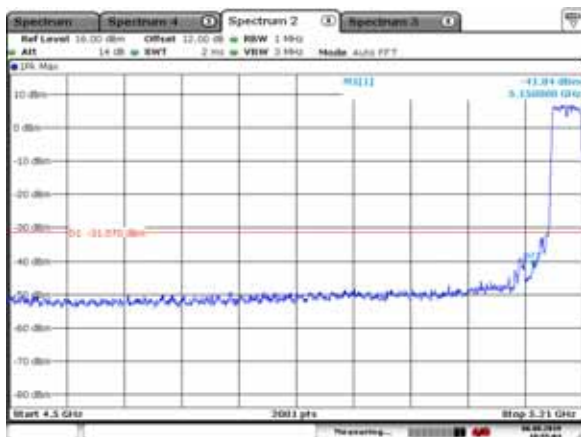
Date: 11. JUL. 2019 08:15:41

5230MHz with SISO



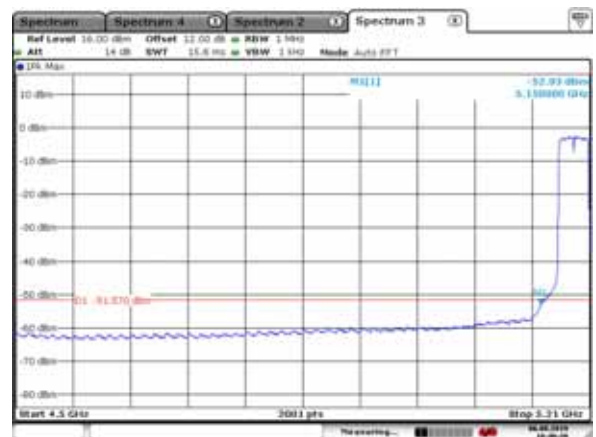
Date: 11. JUL. 2019 08:15:19

5190MHz with CDD



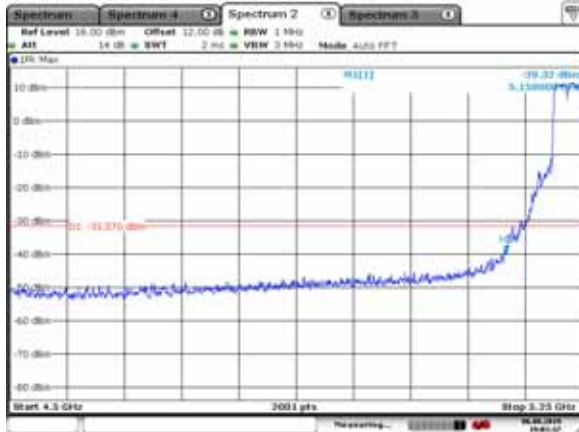
Date: 6. JUN. 2019 19:57:19

5190MHz with CDD



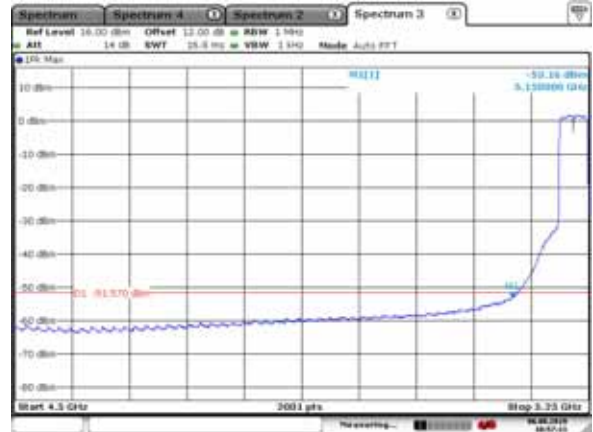
Date: 6. JUN. 2019 09:49:38

5230MHz with CDD



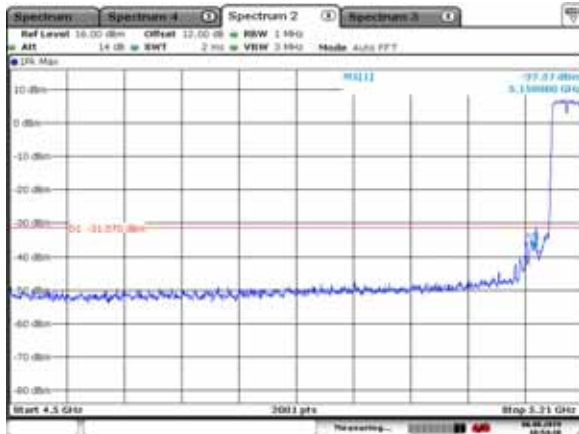
Data: 6/20/2013 10:57:11

5230MHz with CDD



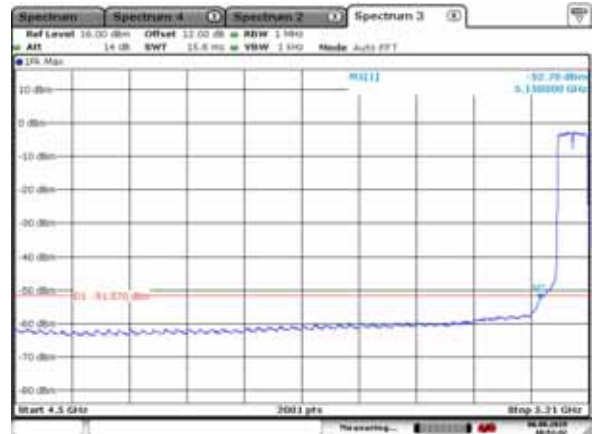
Data: 6/20/2013 10:57:11

5190MHz with Beamforming



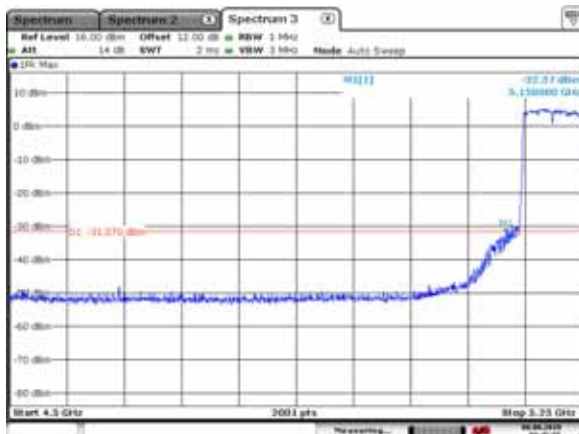
Data: 6/20/2013 10:57:12

5190MHz with Beamforming



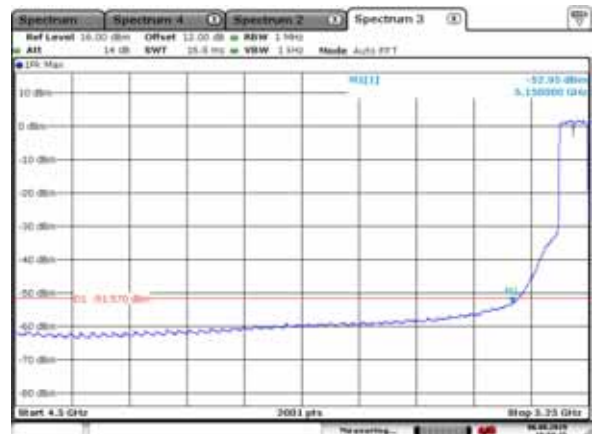
Data: 6/20/2013 10:57:12

5230MHz with Beamforming



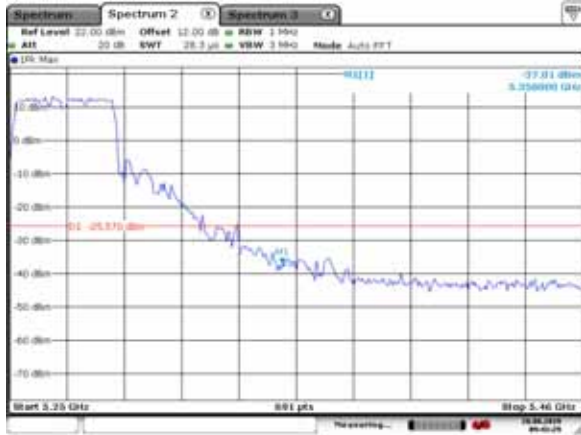
Data: 6/20/2013 10:57:12

5230MHz with Beamforming



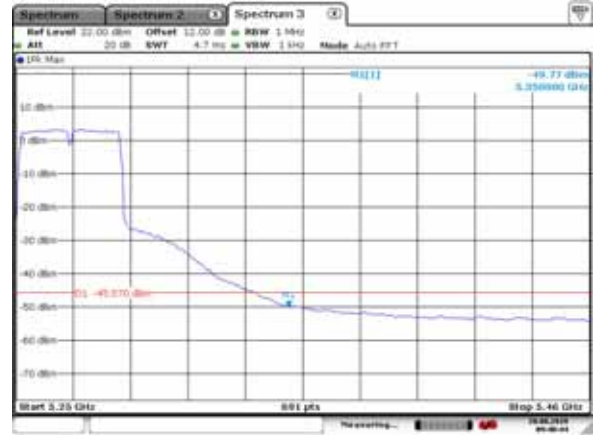
Data: 6/20/2013 10:57:12

5270MHz with SISO



Delay: 20.000.2019 08:11:29

5270MHz with SISO



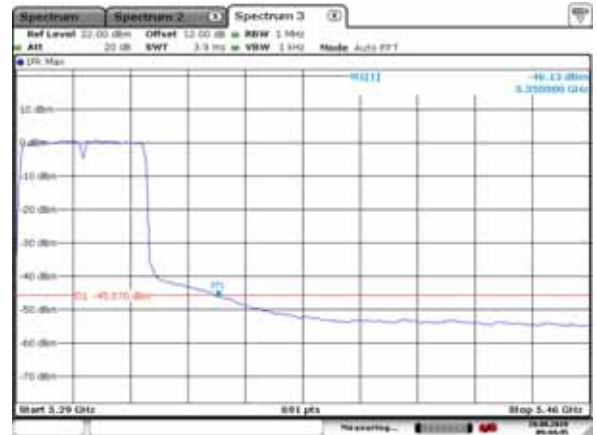
Delay: 20.000.2019 08:11:43

5310MHz with SISO



Delay: 20.000.2019 08:11:57

5310MHz with SISO



Delay: 20.000.2019 08:12:05

5510MHz with SISO



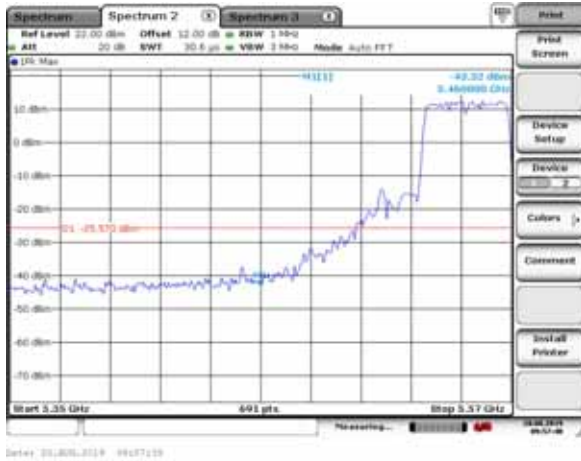
Delay: 20.000.2019 08:12:22

5510MHz with SISO



Delay: 20.000.2019 08:12:29

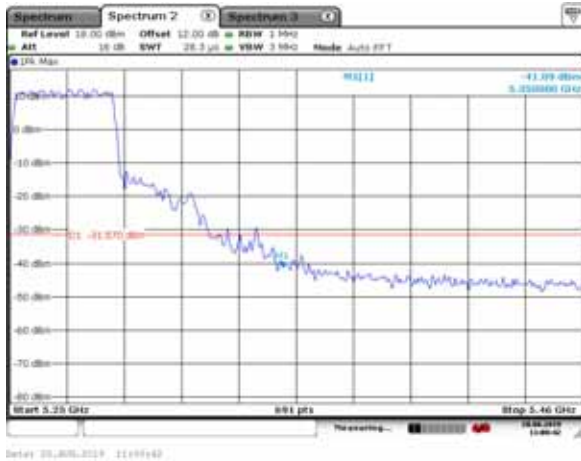
5550MHz with SISO



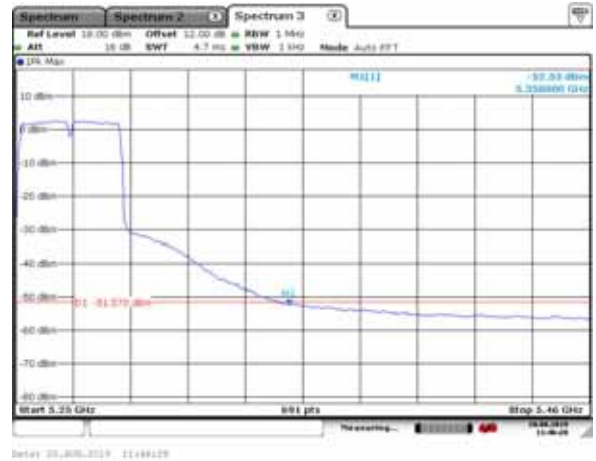
5550MHz with SISO



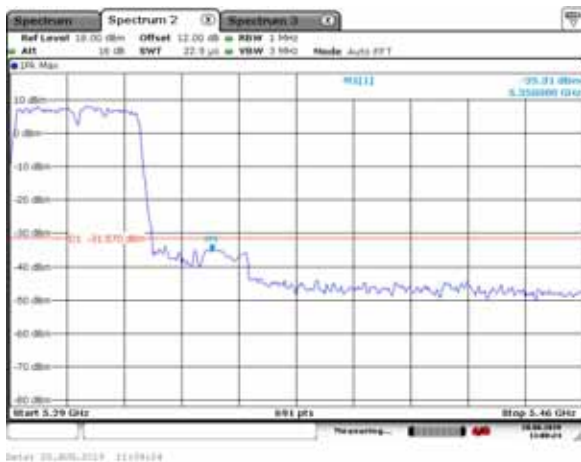
5270MHz with CDD



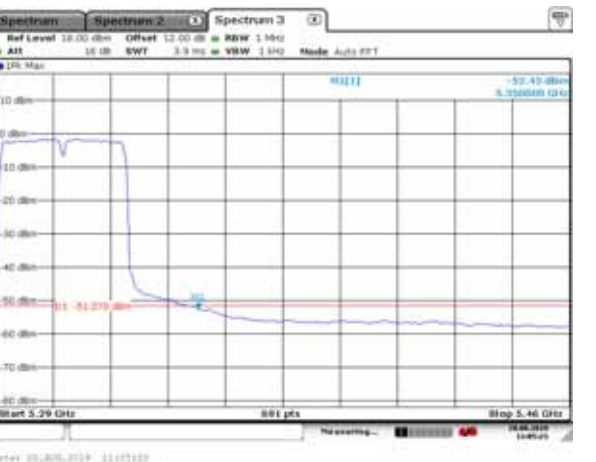
5270MHz with CDD



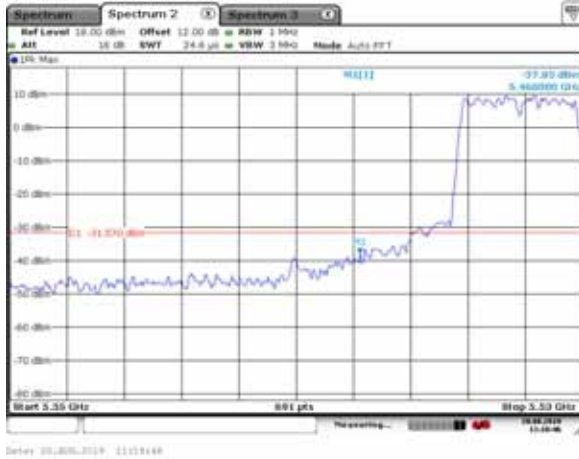
5310MHz with CDD



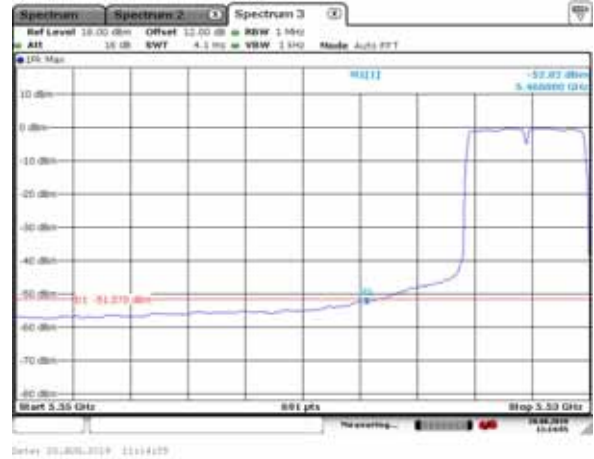
5310MHz with CDD



5510MHz with CDD



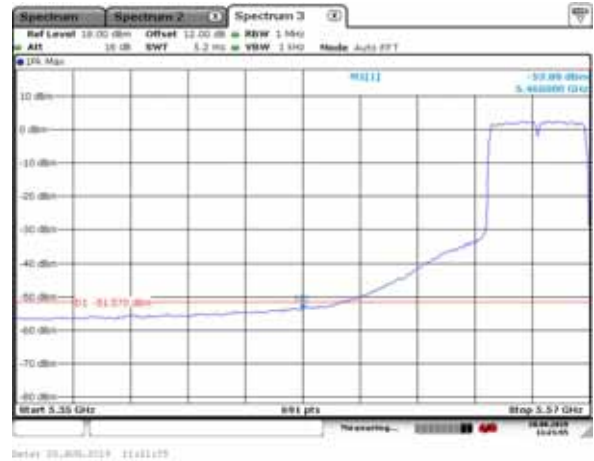
5510MHz with CDD



5550MHz with CDD



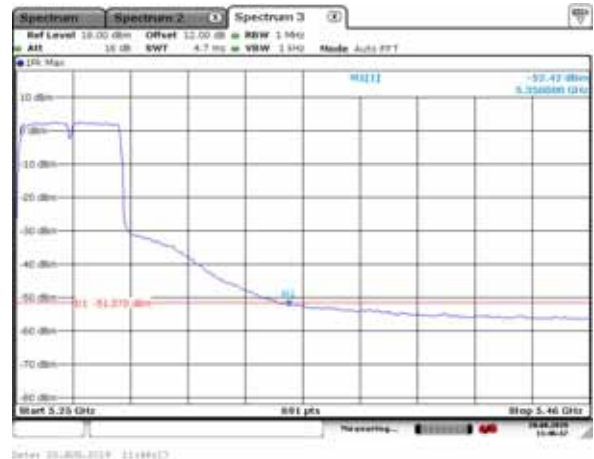
5550MHz with CDD



5270MHz with Beamforming



5270MHz with Beamforming

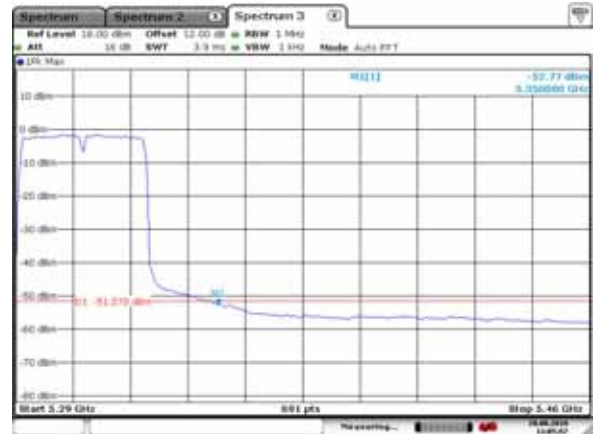


5310MHz with Beamforming



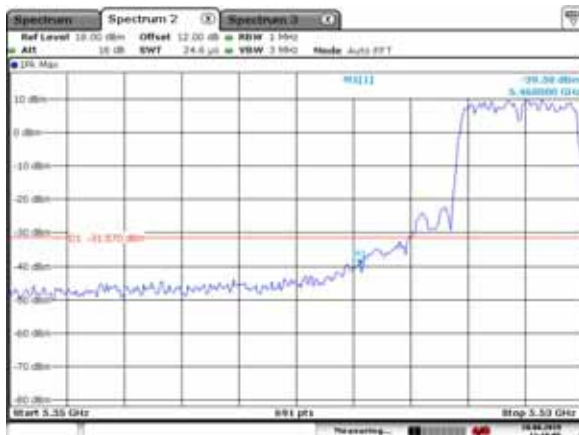
Delay 20.000.2019 11:07:14

5310MHz with Beamforming



Delay 20.000.2019 11:07:17

5510MHz with Beamforming



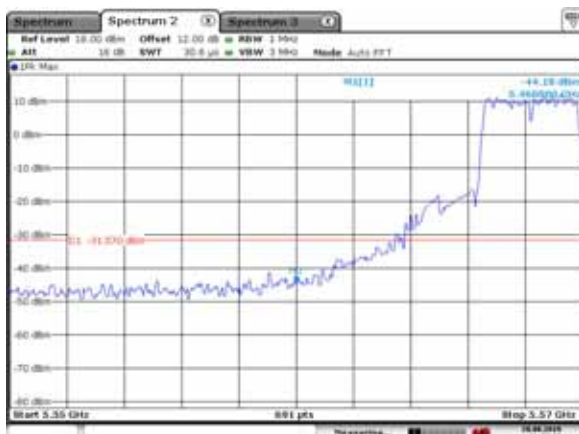
Delay 20.000.2019 11:07:25

5510MHz with Beamforming



Delay 20.000.2019 11:07:25

5550MHz with Beamforming



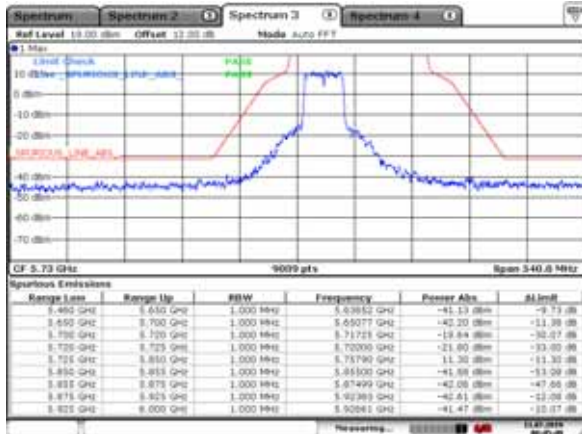
Delay 20.000.2019 11:07:37

5550MHz with Beamforming



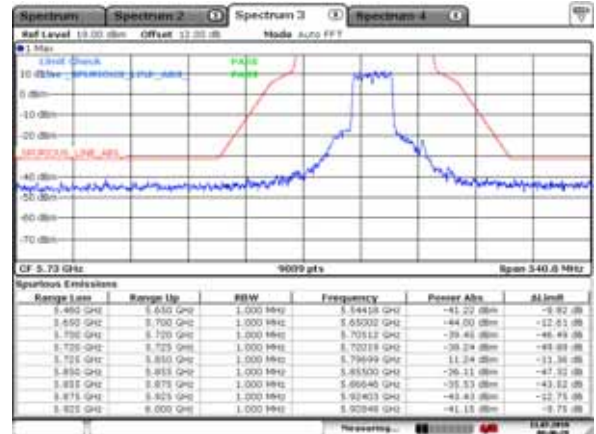
Delay 20.000.2019 11:07:44

5755MHz with SISO



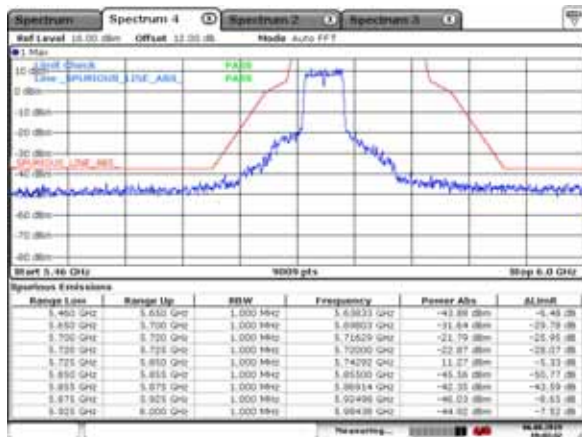
Date: 11. JUL. 2019 08:45:50

5795MHz with SISO



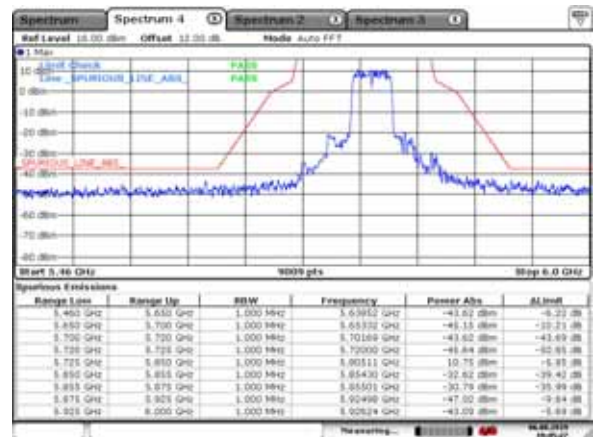
Date: 11. JUL. 2019 08:46:28

5755MHz with CDD



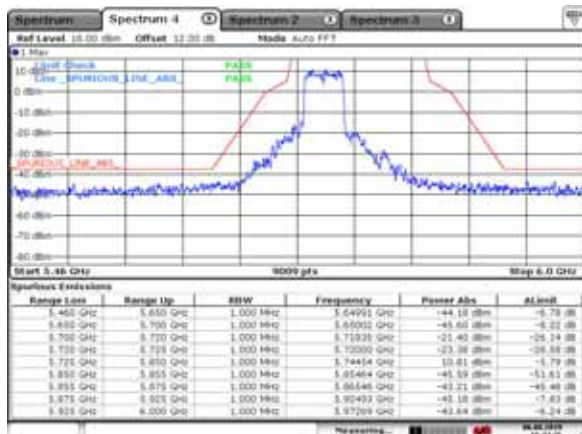
Date: 6. JUN. 2019 19:41:37

5795MHz with CDD



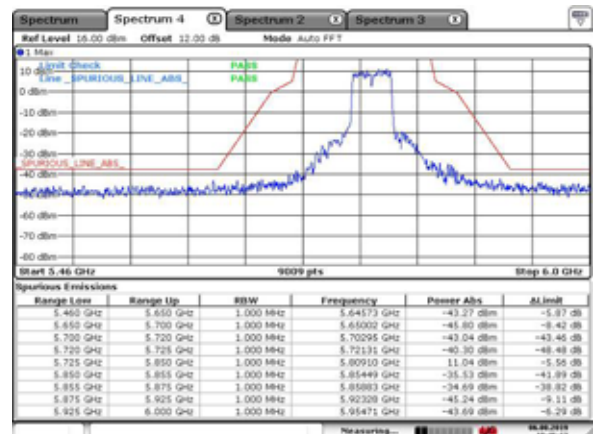
Date: 6. JUN. 2019 19:41:27

5755MHz with Beamforming



Date: 6. JUN. 2019 19:44:28

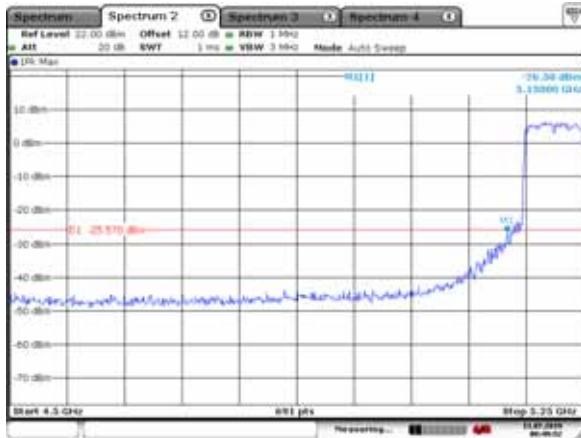
5795MHz with Beamforming



Date: 6. JUN. 2019 19:46:13

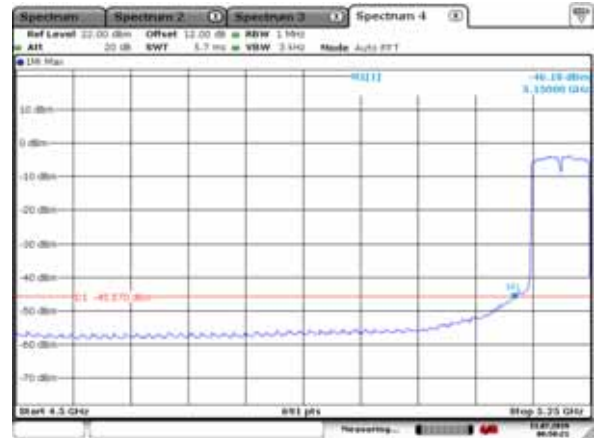
802.11ac(80MHz)

5210MHz with SISO



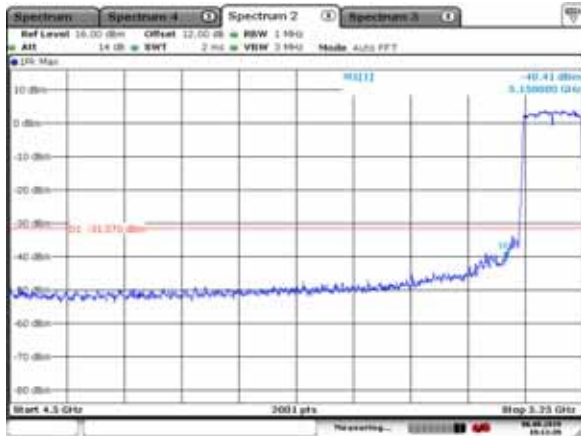
Date: 11. JUL. 2019 08:49:51

5210MHz with SISO



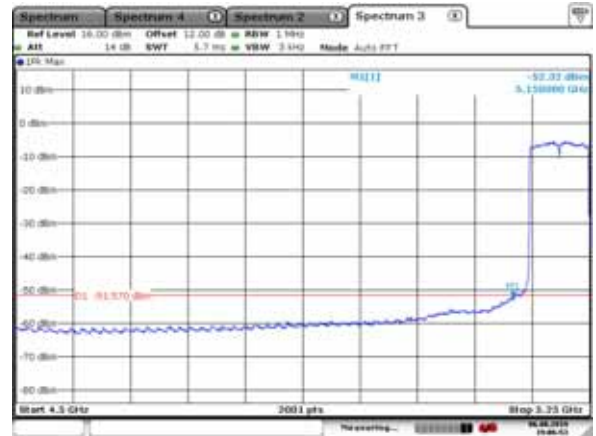
Date: 11. JUL. 2019 08:58:21

5210MHz with CDD



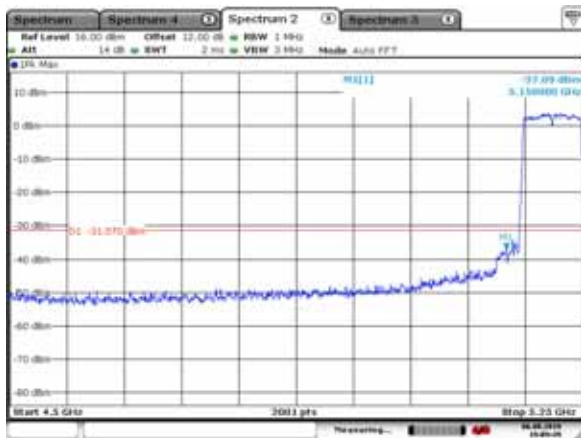
Date: 6. JUL. 2019 19:11:35

5210MHz with CDD



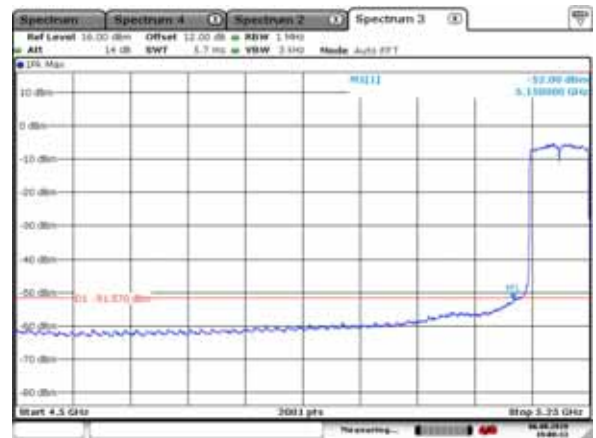
Date: 6. JUL. 2019 19:09:32

5210MHz with Beamforming



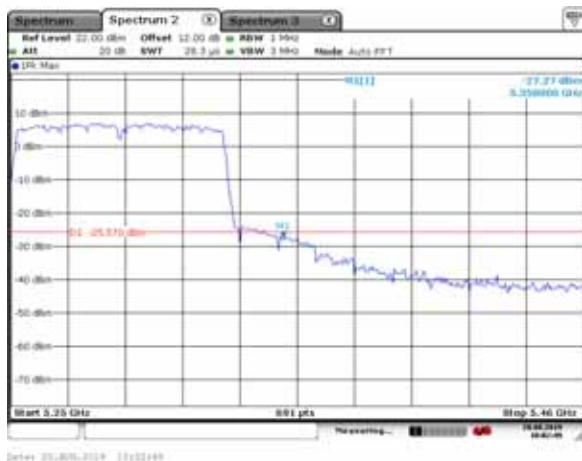
Date: 6. JUL. 2019 19:19:35

5210MHz with Beamforming

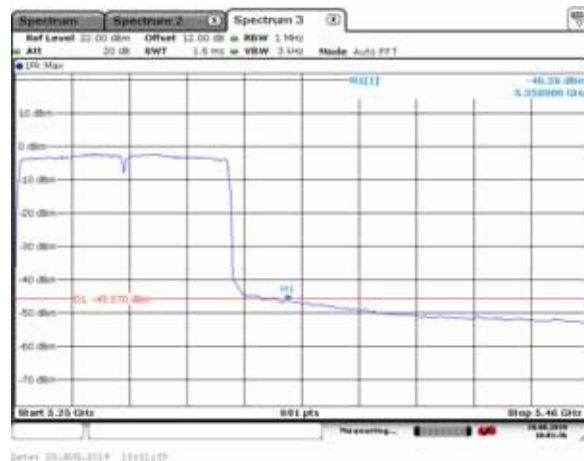


Date: 6. JUL. 2019 19:09:18

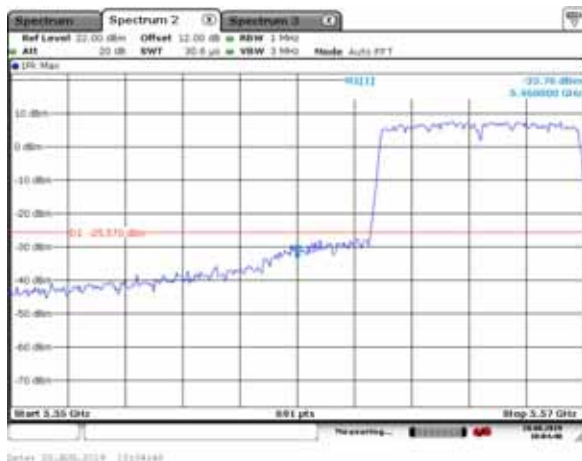
5290MHz with SISO



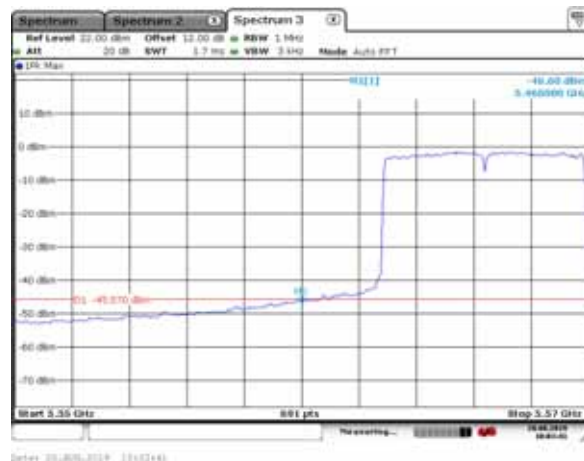
5290MHz with SISO



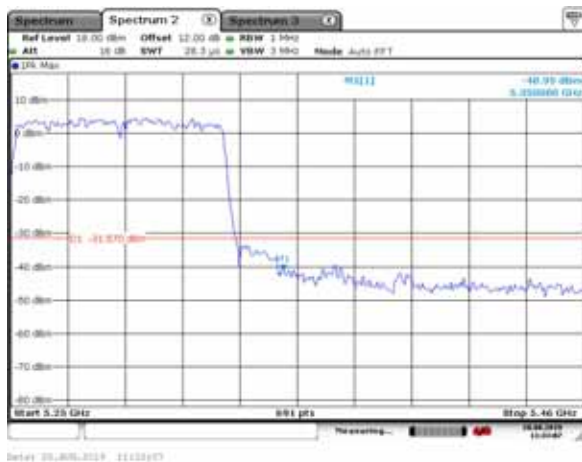
5530MHz with SISO



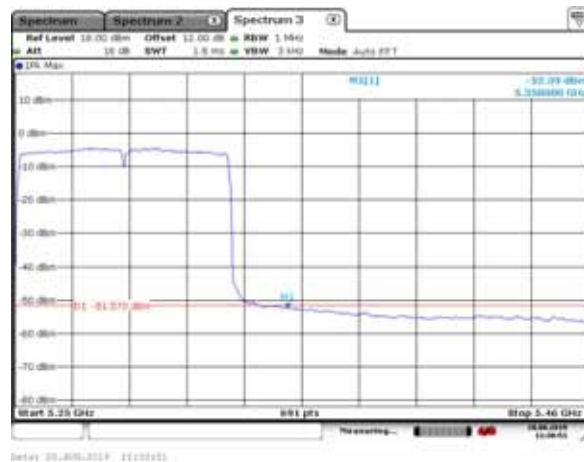
5530MHz with SISO



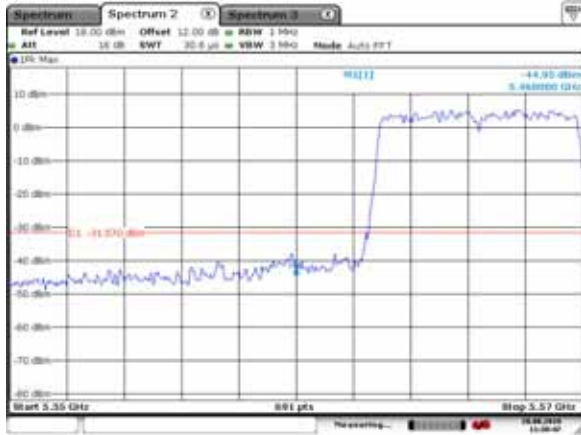
5290MHz with CDD



5290MHz with CDD

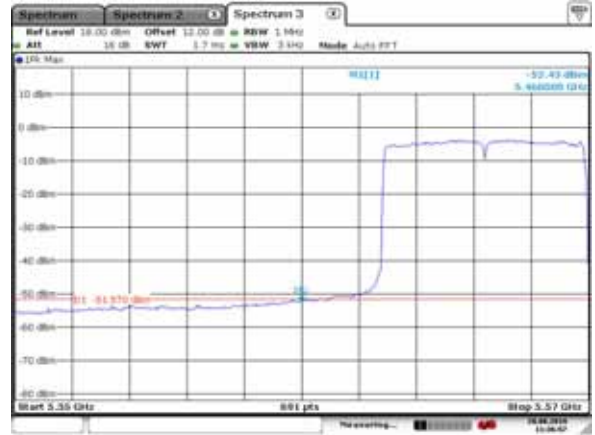


5530MHz with CDD



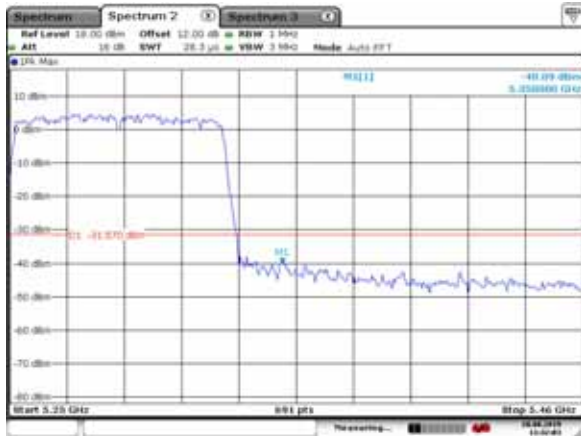
Delay 20.806.2019 11:39:47

5530MHz with CDD



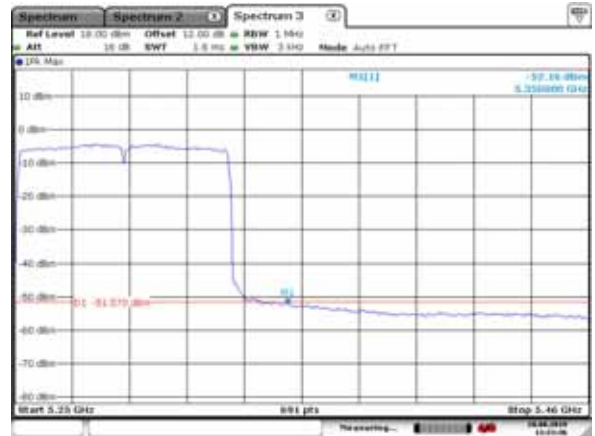
Delay 20.806.2019 11:39:55

5290MHz with Beamforming



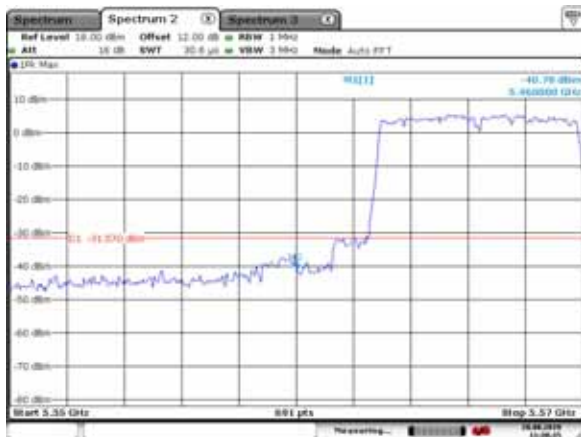
Delay 20.806.2019 11:42:03

5290MHz with Beamforming



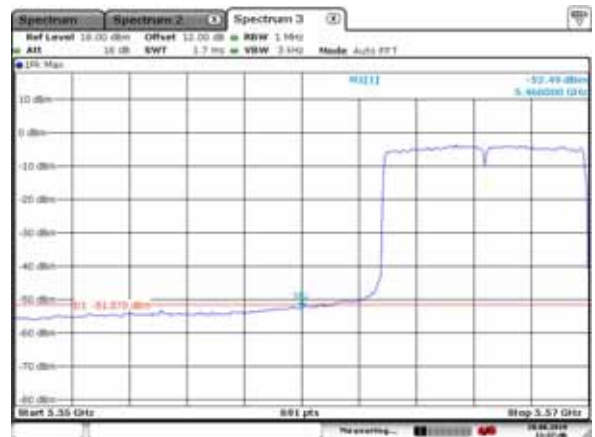
Delay 20.806.2019 11:42:09

5530MHz with Beamforming



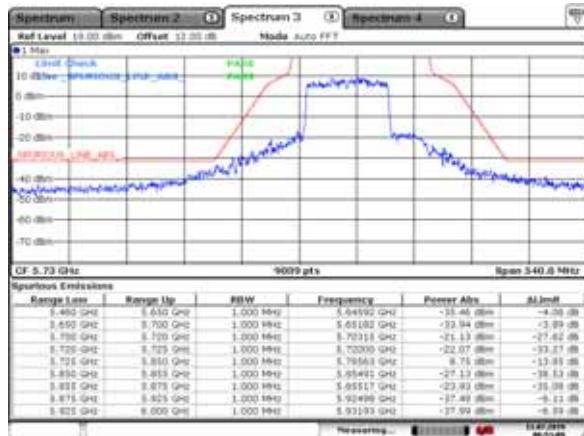
Delay 20.806.2019 11:47:15

5530MHz with Beamforming



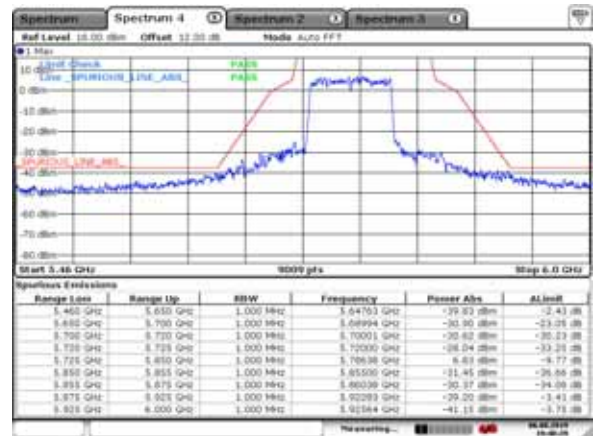
Delay 20.806.2019 11:47:48

5775MHz with SISO



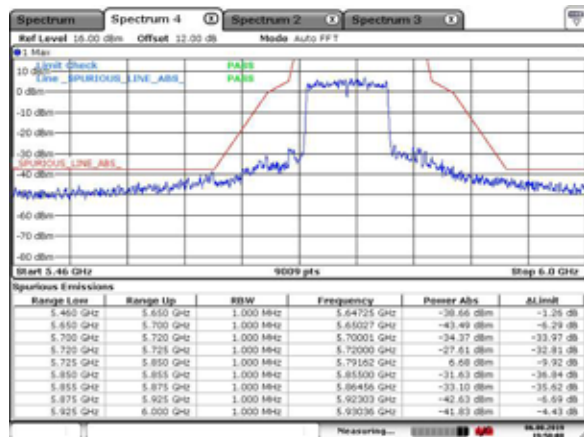
Date: 11. JUL. 2019 08:53:09

5775MHz with CDD



Date: 6. JUL. 2019 19:49:19

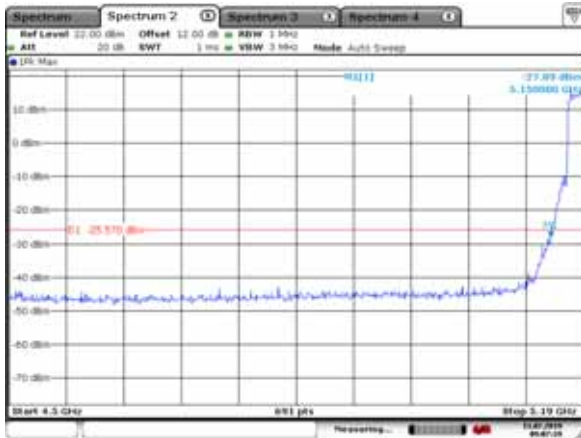
5775MHz with Beamforming



Date: 6. JUL. 2019 19:51:09

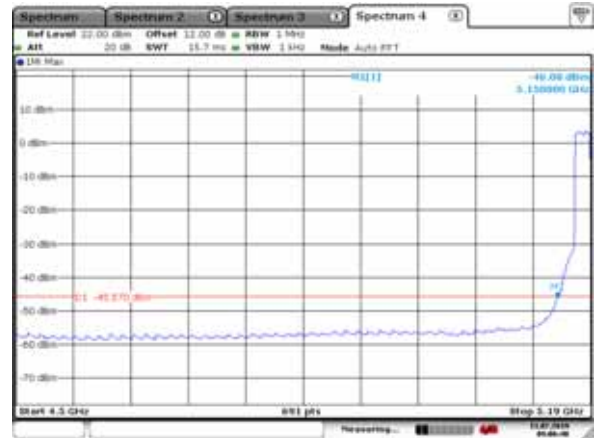
802.11ax(20MHz)

5180MHz with SISO



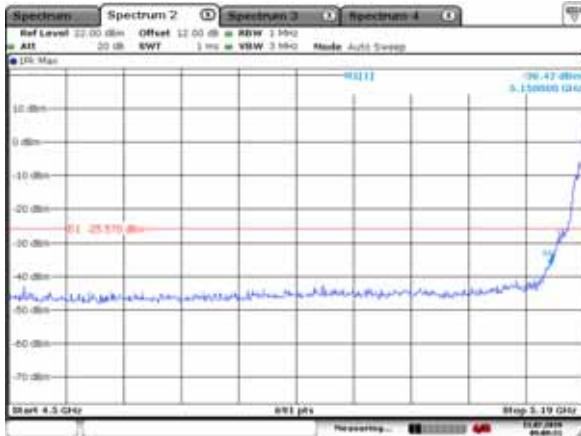
Date: 11. JUL. 2019 09:07:19

5180MHz with SISO



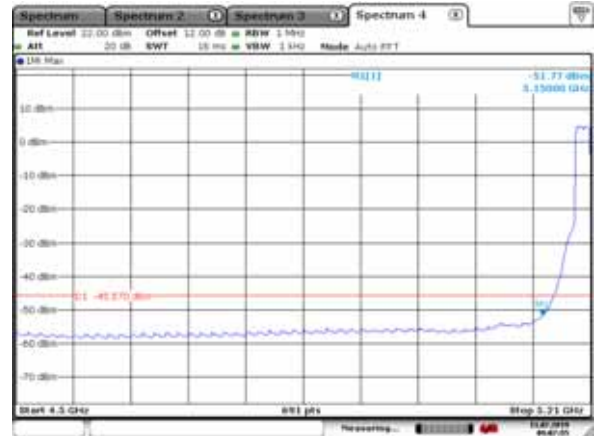
Date: 11. JUL. 2019 09:06:47

5200MHz with SISO



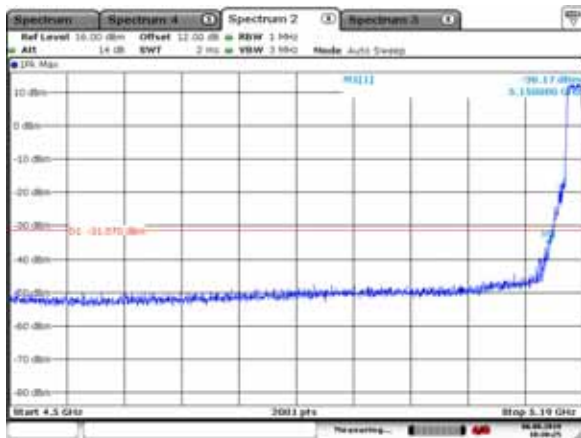
Date: 11. JUL. 2019 09:08:31

5200MHz with SISO



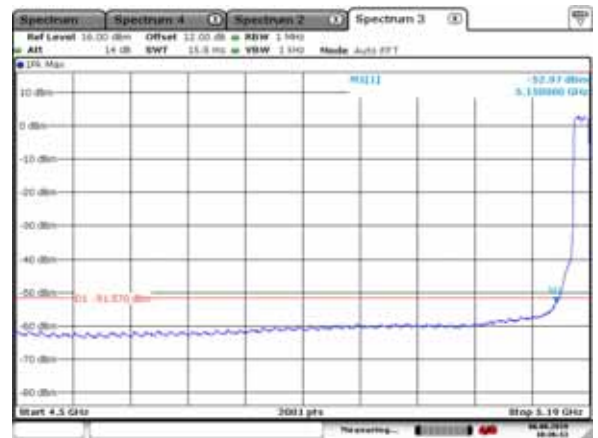
Date: 11. JUL. 2019 09:07:55

5180MHz with CDD



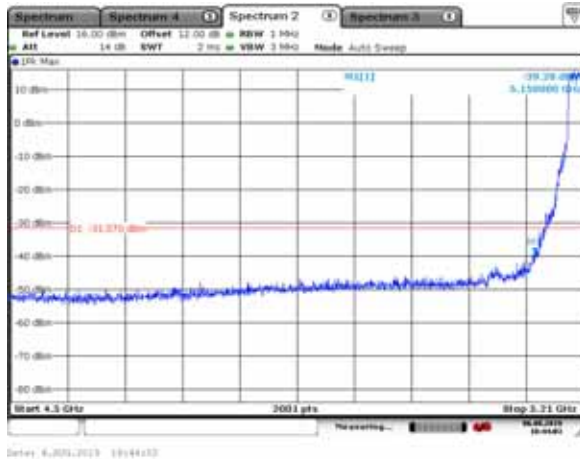
Date: 6. JUN. 2019 10:32:25

5180MHz with CDD



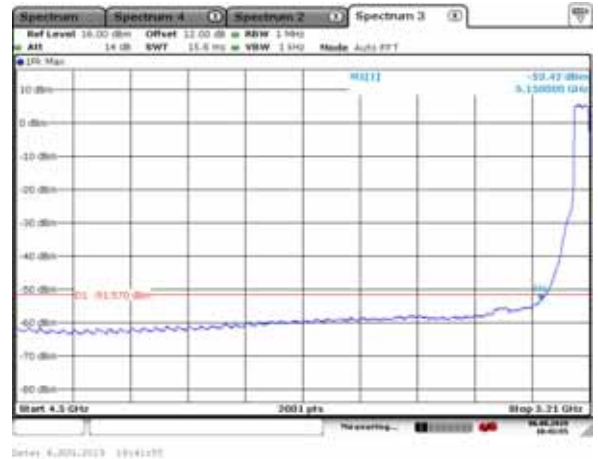
Date: 6. JUN. 2019 10:36:18

5200MHz with CDD



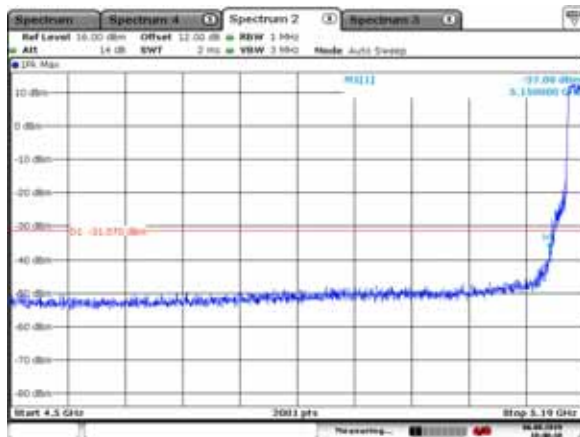
Detek 6.201.2013 10:44:32

5200MHz with CDD



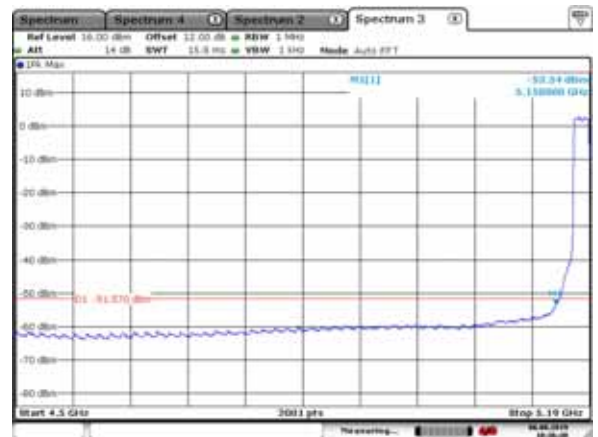
Detek 6.201.2013 10:44:35

5180MHz with Beamforming



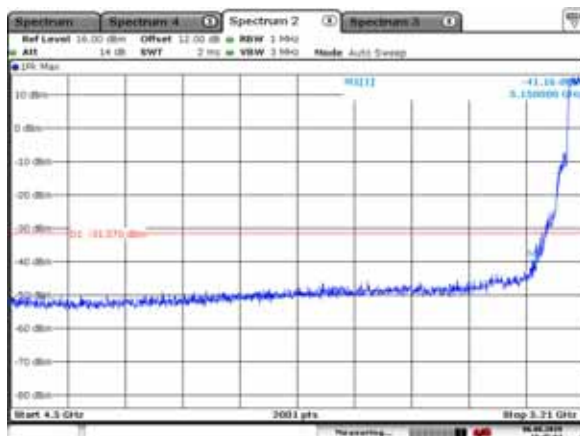
Detek 6.201.2013 10:45:17

5180MHz with Beamforming



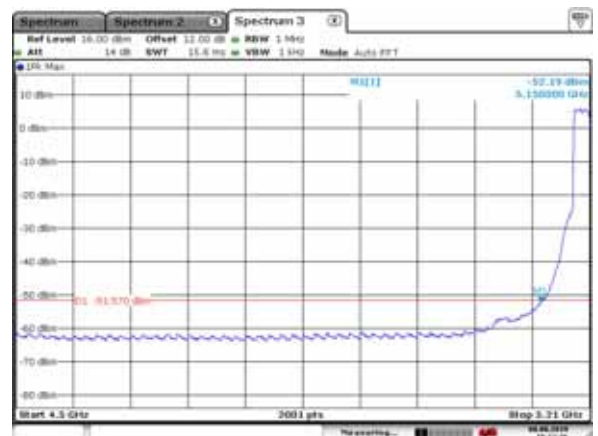
Detek 6.201.2013 10:45:20

5200MHz with Beamforming



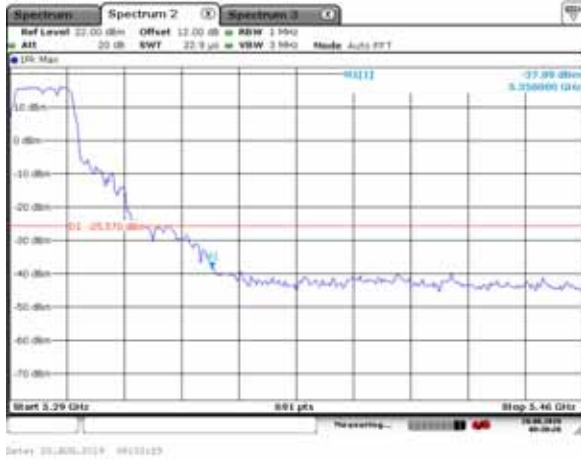
Detek 6.201.2013 10:45:18

5200MHz with Beamforming

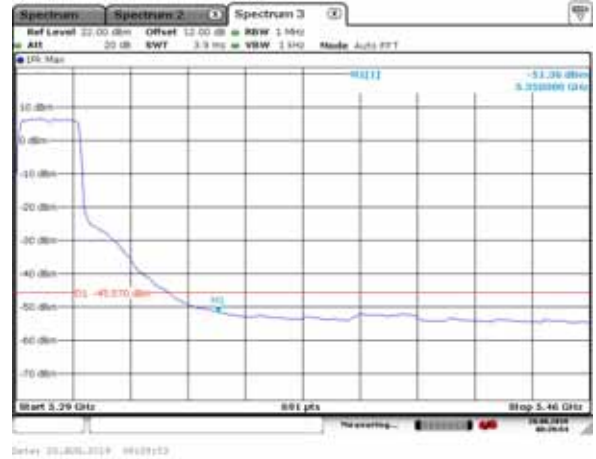


Detek 6.201.2013 10:45:18

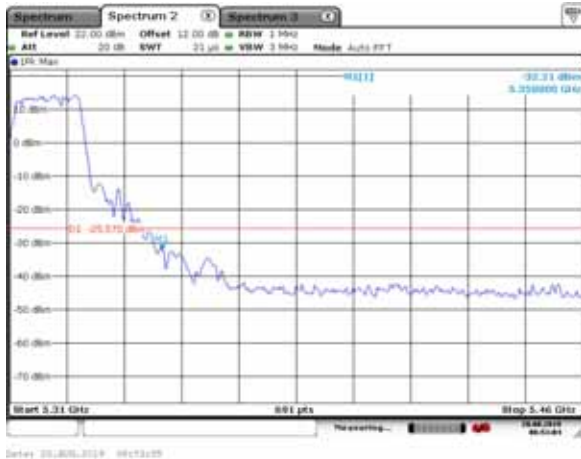
5300MHz with SISO



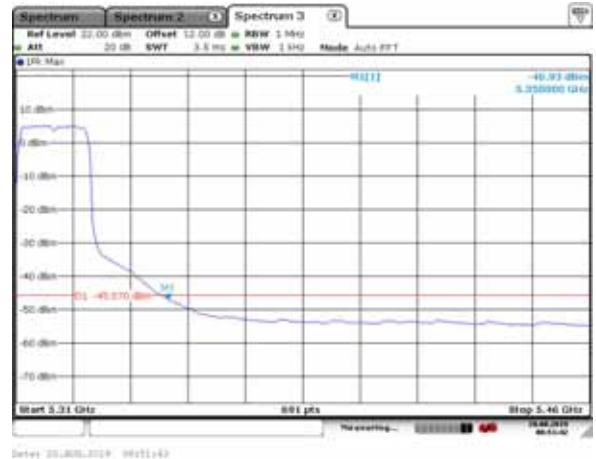
5300MHz with SISO



5320MHz with SISO



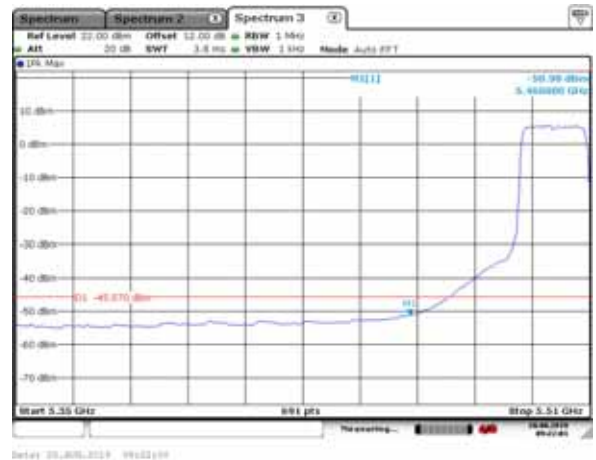
5320MHz with SISO



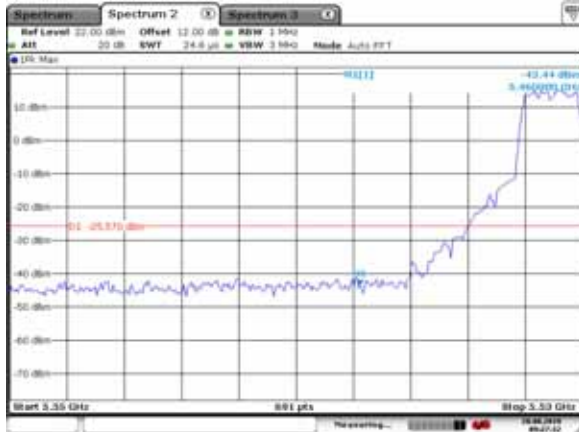
5500MHz with SISO



5500MHz with SISO

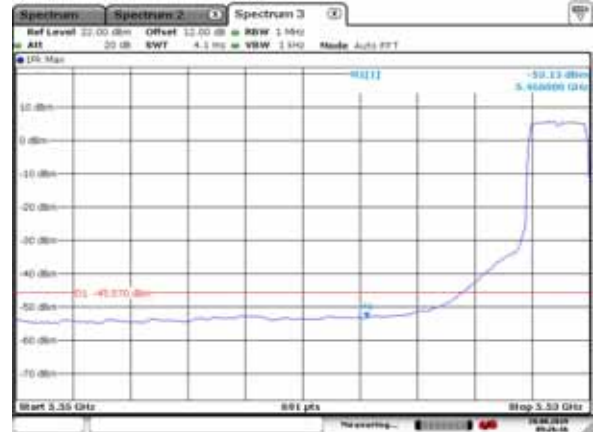


5520MHz with SISO



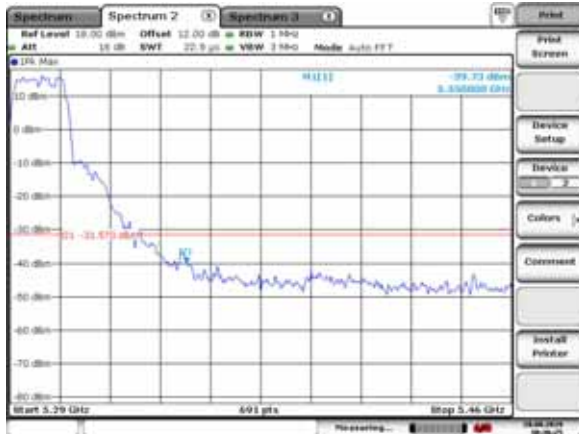
Delay 20.000.2019 00:07:12

5520MHz with SISO



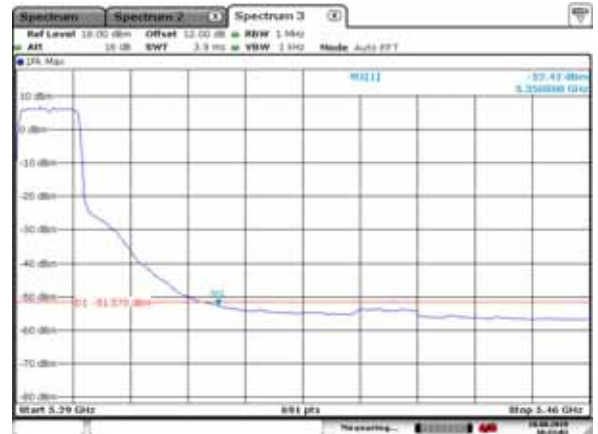
Delay 20.000.2019 00:07:14

5300MHz with CDD



Delay 20.000.2019 11:09:02

5300MHz with CDD



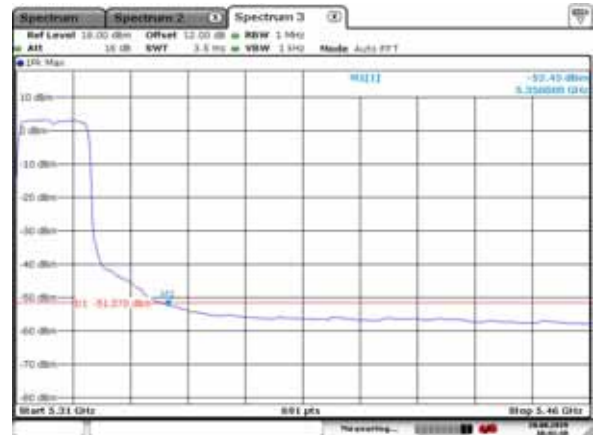
Delay 20.000.2019 11:09:03

5320MHz with CDD



Delay 20.000.2019 11:09:09

5320MHz with CDD



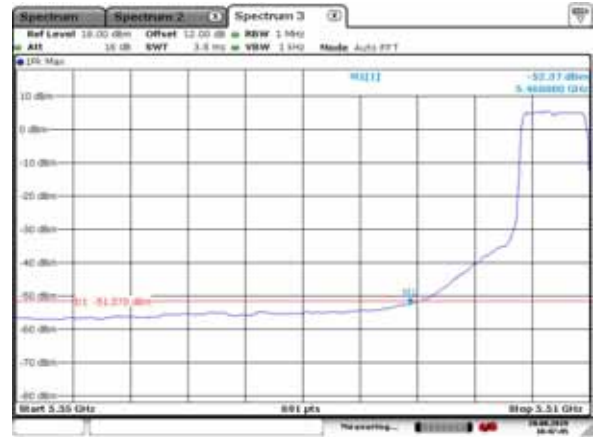
Delay 20.000.2019 11:09:10

5500MHz with CDD



Delay 20.806.2019 11:17:42

5500MHz with CDD



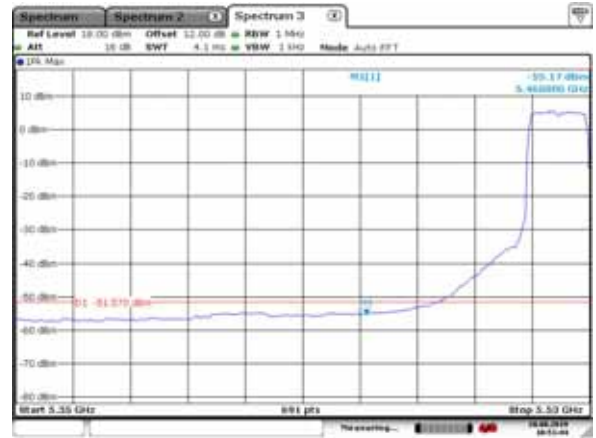
Delay 20.806.2019 11:17:45

5520MHz with CDD



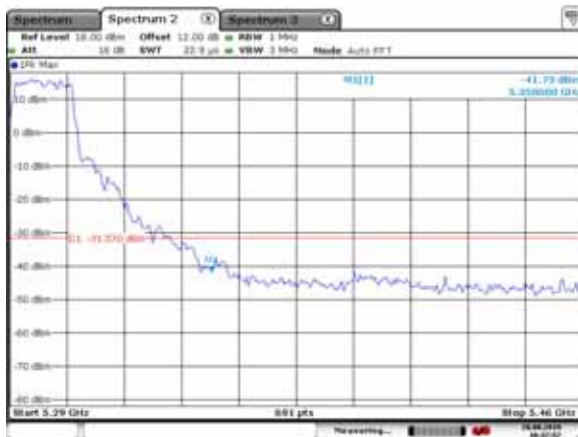
Delay 20.806.2019 11:17:51

5520MHz with CDD



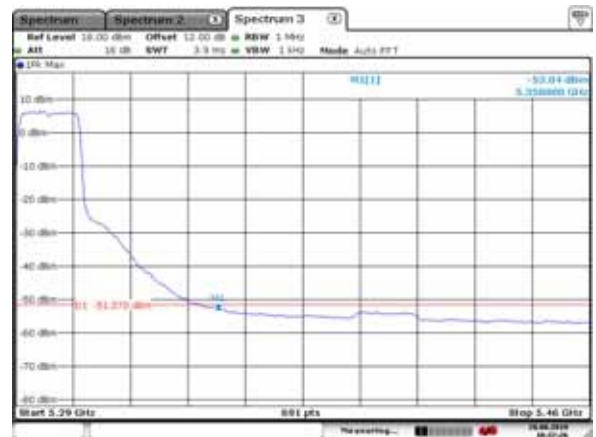
Delay 20.806.2019 11:17:59

5300MHz with Beamforming



Delay 20.806.2019 11:17:57

5300MHz with Beamforming



Delay 20.806.2019 11:17:59

5320MHz with Beamforming



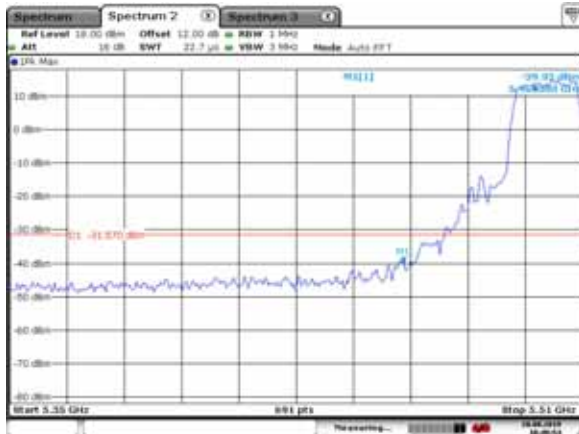
Delay 20.000.2019 11:47:44

5320MHz with Beamforming



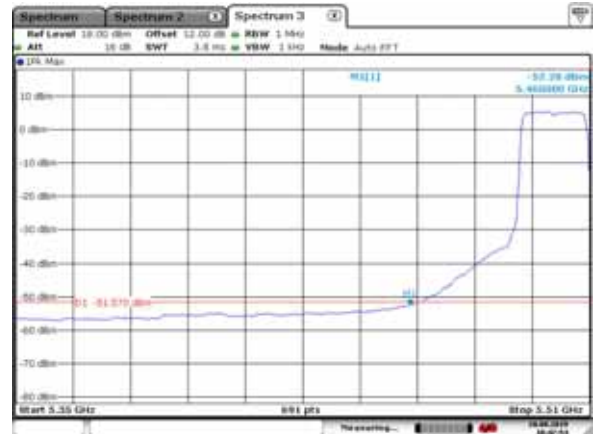
Delay 20.000.2019 11:41:02

5500MHz with Beamforming



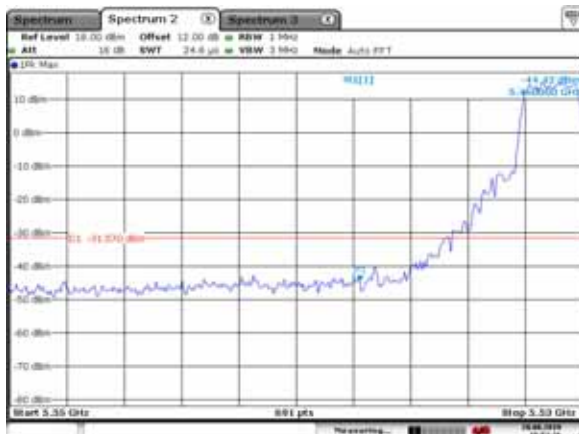
Delay 20.000.2019 11:47:54

5500MHz with Beamforming



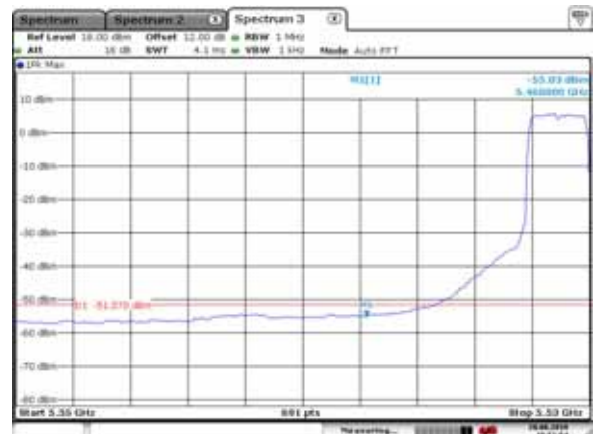
Delay 20.000.2019 11:47:54

5520MHz with Beamforming



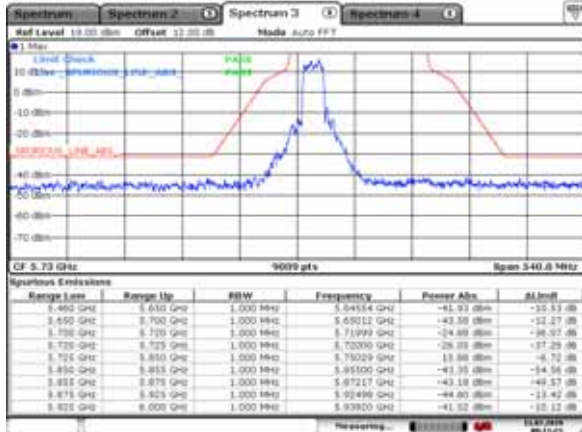
Delay 20.000.2019 11:47:54

5520MHz with Beamforming



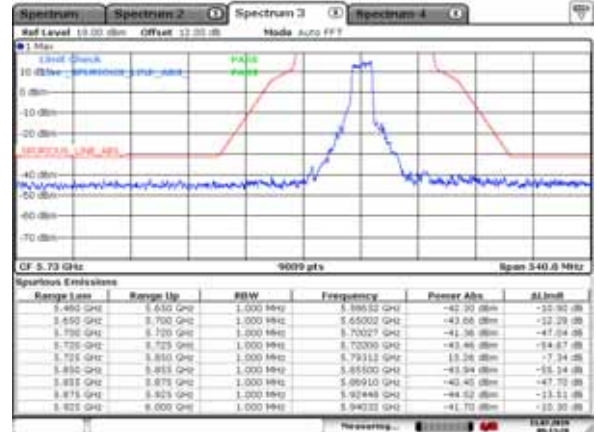
Delay 20.000.2019 11:41:54

5745MHz with SISO



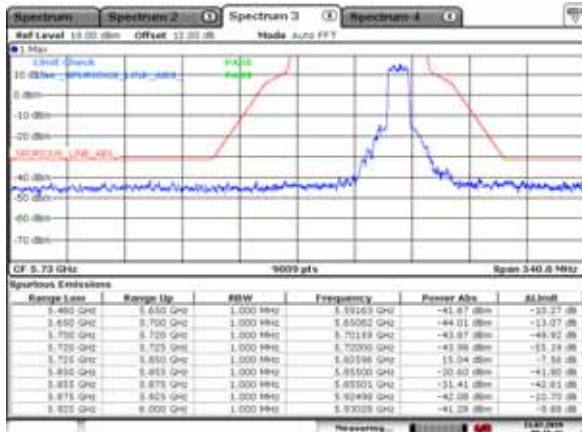
Date: 11. JUL. 2019 09:11:21

5785MHz with SISO



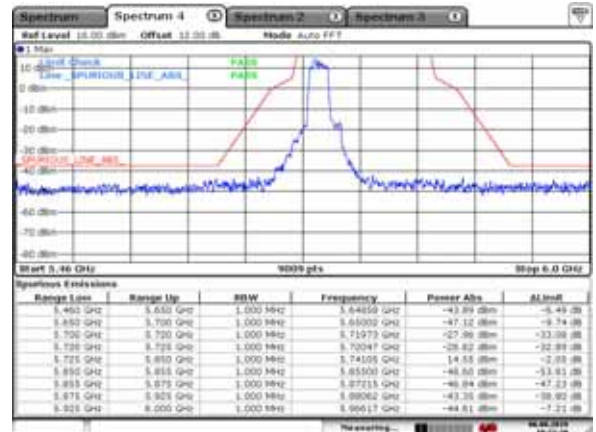
Date: 11. JUL. 2019 09:13:28

5825MHz with SISO



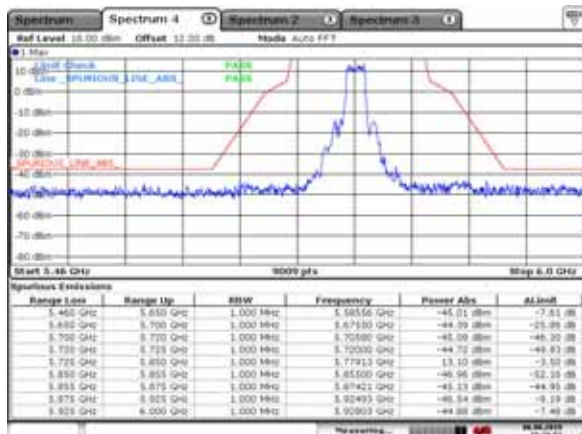
Date: 11. JUL. 2019 09:16:41

5745MHz with CDD



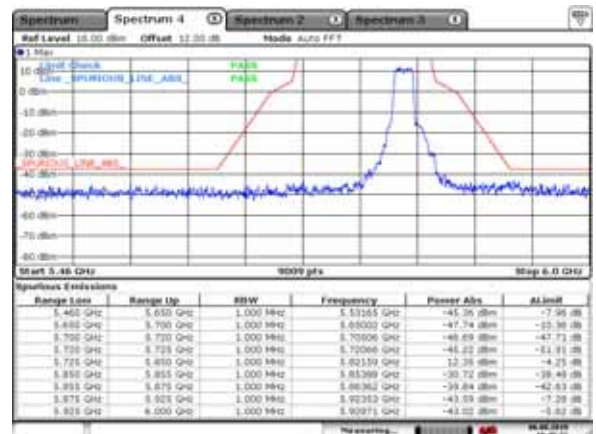
Date: 6. JUN. 2019 19:17:28

5785MHz with CDD



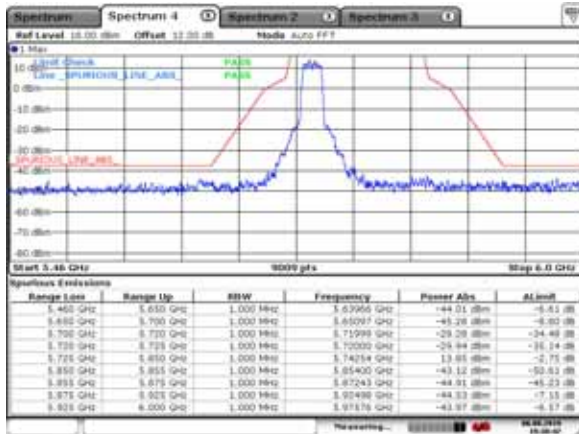
Date: 6. JUN. 2019 19:27:03

5825MHz with CDD



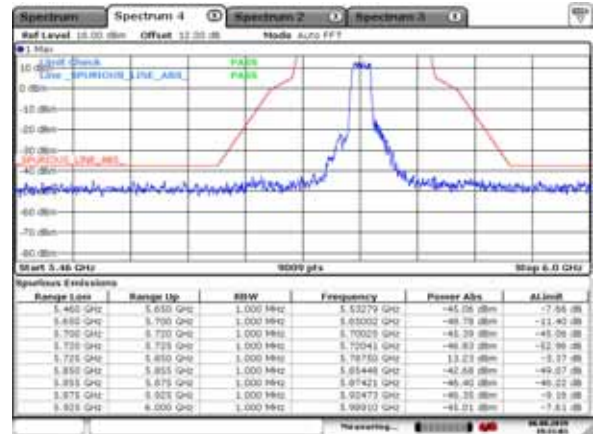
Date: 6. JUN. 2019 19:46:03

5745MHz with Beamforming



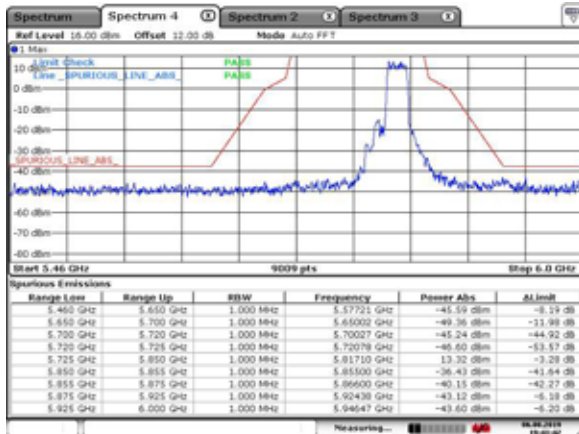
Date: 6.2023.2023 19:37:09

5785MHz with Beamforming



Date: 6.2023.2023 19:37:10

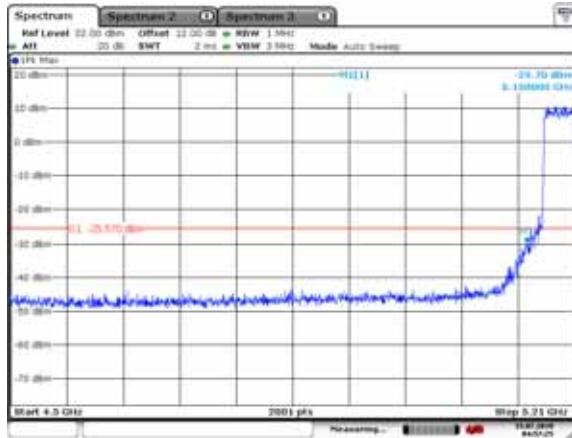
5825MHz with Beamforming



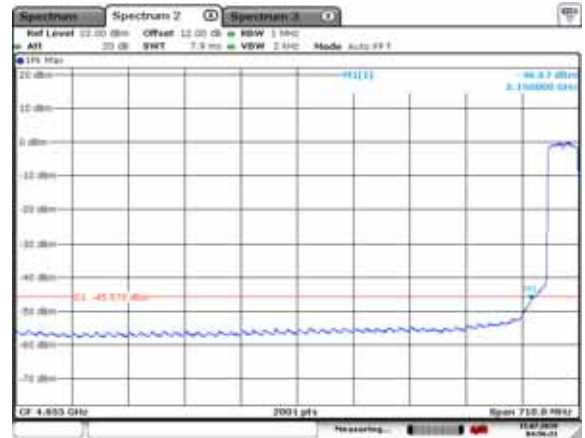
Date: 6.2023.2023 19:41:43

802.11ax(40MHz)

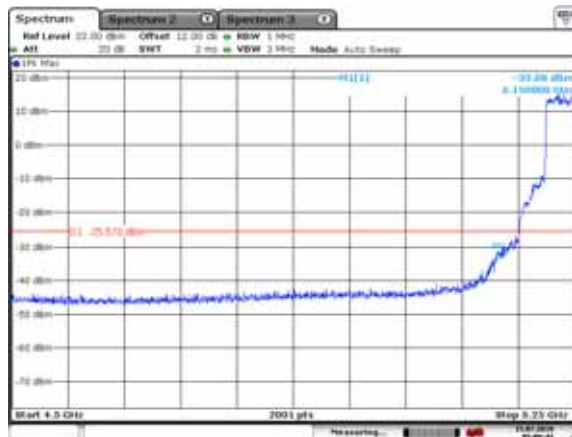
5190MHz with SISO



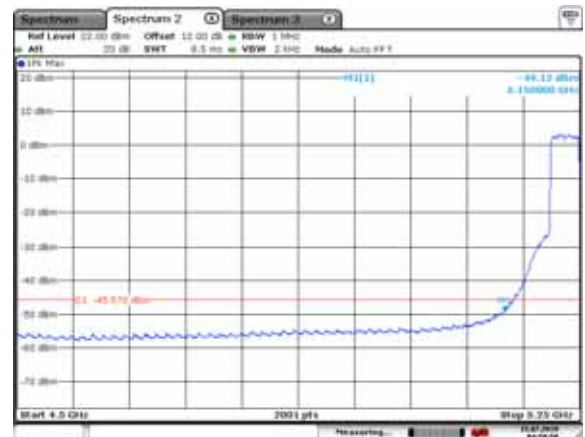
5190MHz with SISO



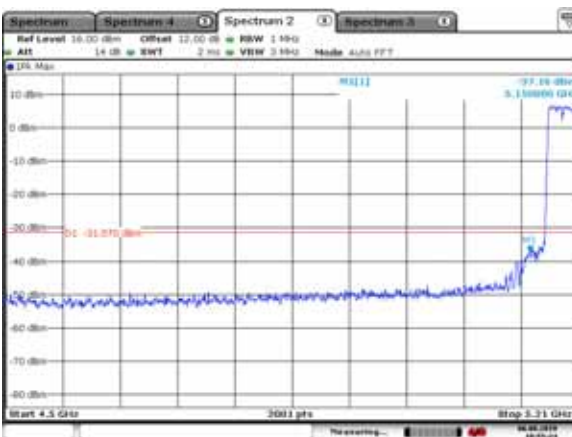
5230MHz with SISO



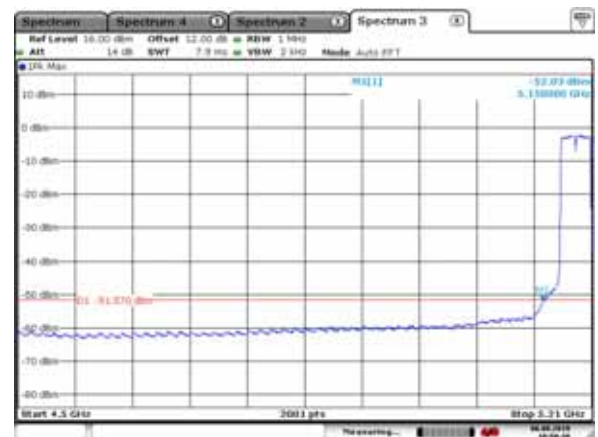
5230MHz with SISO



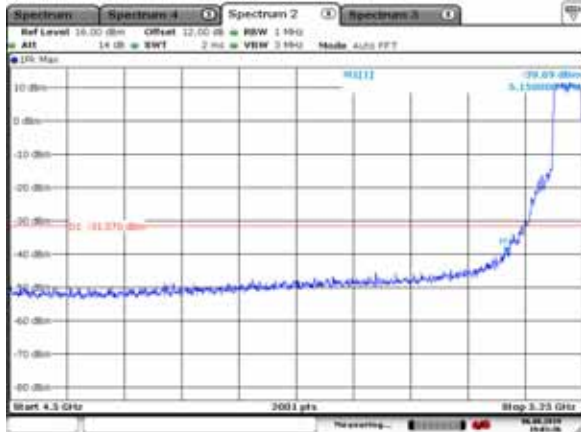
5190MHz with CDD



5190MHz with CDD

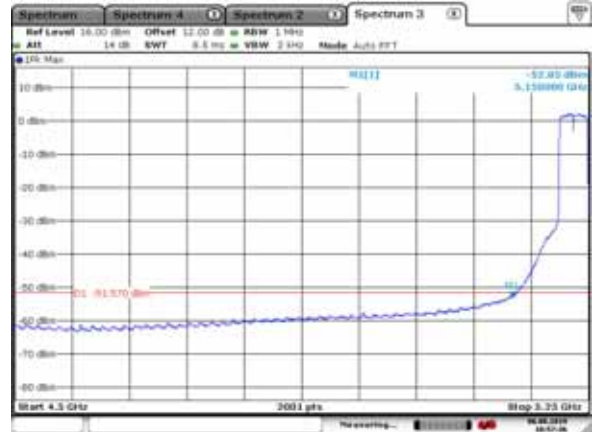


5230MHz with CDD



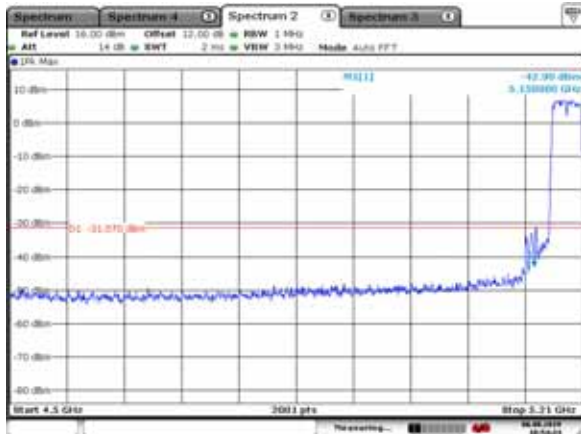
Data: 6/20/2013 10:52:17

5230MHz with CDD



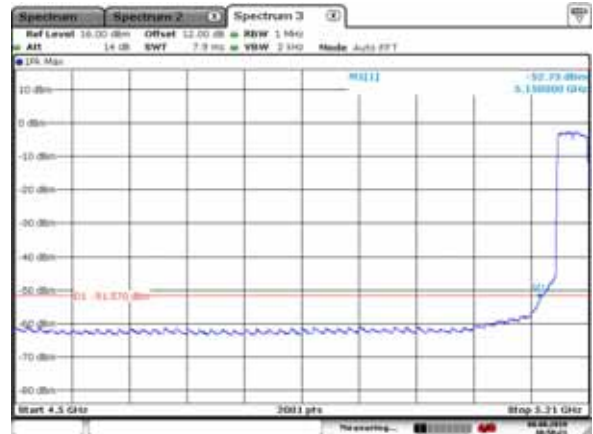
Data: 6/20/2013 10:52:18

5190MHz with Beamforming



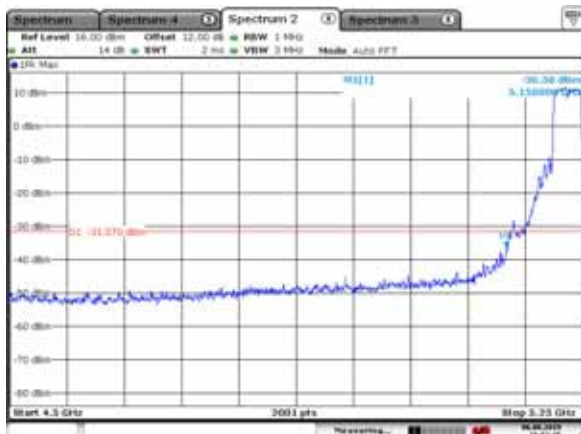
Data: 6/20/2013 10:52:18

5190MHz with Beamforming



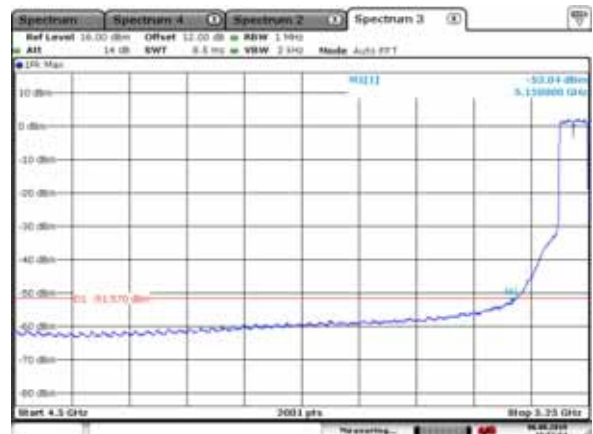
Data: 6/20/2013 10:52:19

5230MHz with Beamforming



Data: 6/20/2013 10:52:19

5230MHz with Beamforming

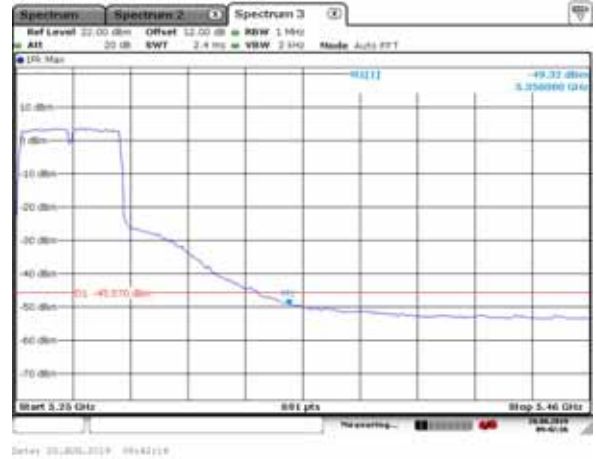


Data: 6/20/2013 10:52:20

5270MHz with SISO



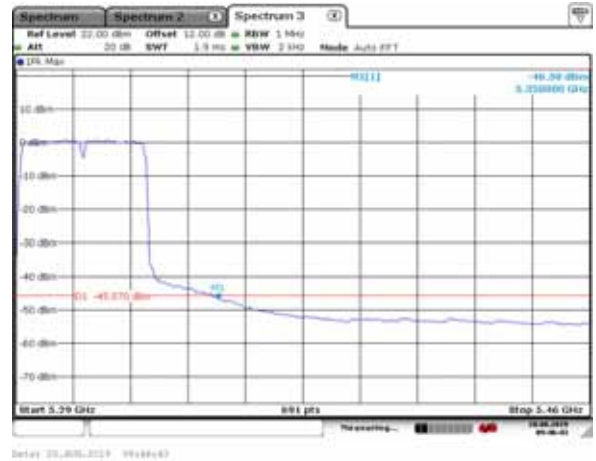
5270MHz with SISO



5310MHz with SISO



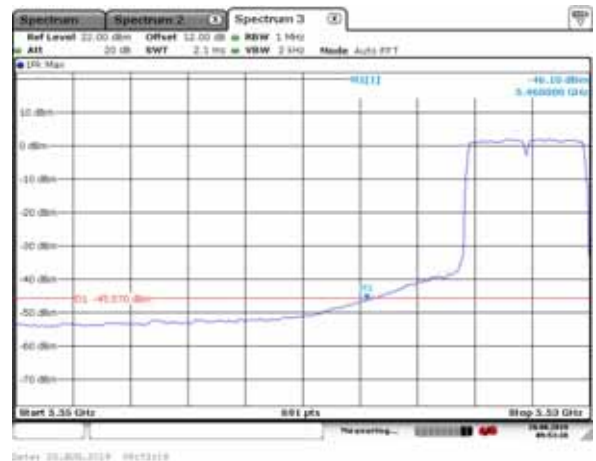
5310MHz with SISO



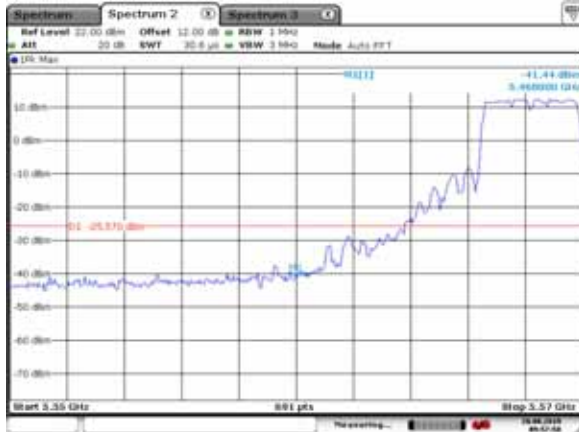
5510MHz with SISO



5510MHz with SISO

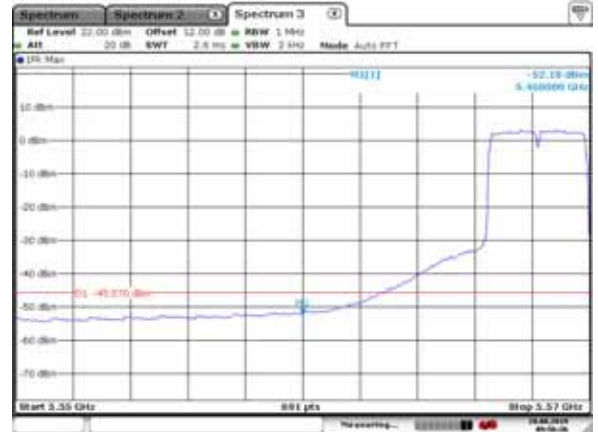


5550MHz with SISO



Data: 20.00.2019 10:57:59

5550MHz with SISO



Data: 20.00.2019 10:58:36

5270MHz with CDD



Data: 20.00.2019 11:07:07

5270MHz with CDD



Data: 20.00.2019 11:07:09

5310MHz with CDD



Data: 20.00.2019 11:09:09

5310MHz with CDD

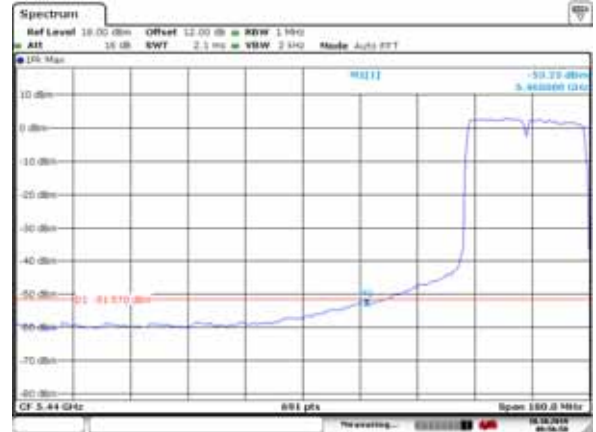


Data: 20.00.2019 11:09:34

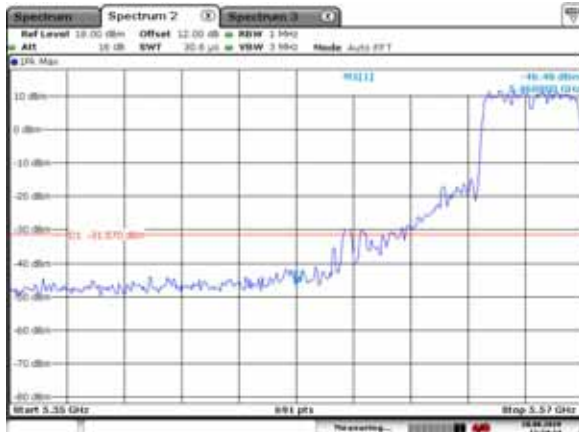
5510MHz with CDD



5510MHz with CDD



5550MHz with CDD



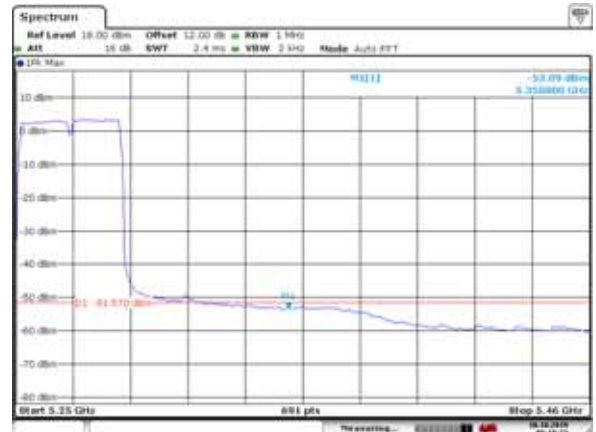
5550MHz with CDD



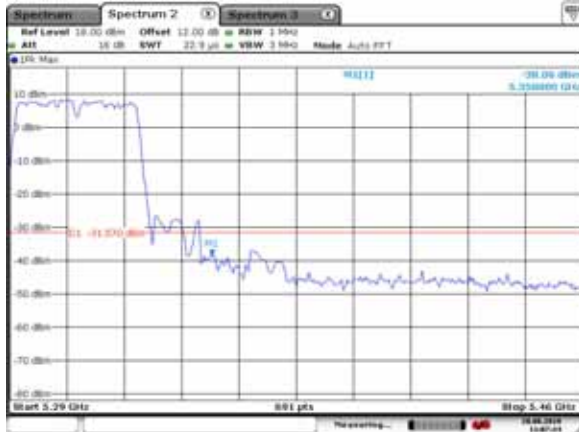
5270MHz with Beamforming



5270MHz with Beamforming

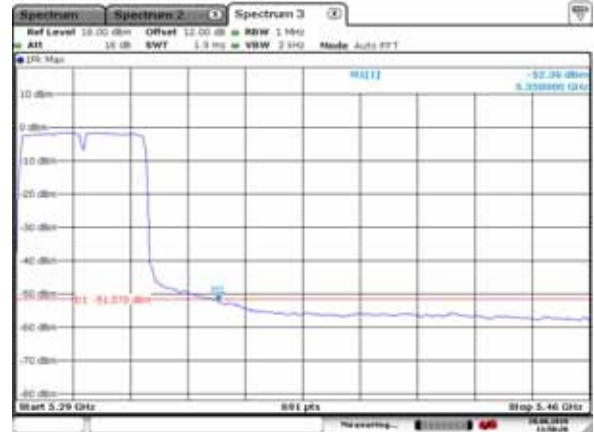


5310MHz with Beamforming



Data: 20.06.2019 11:07:34

5310MHz with Beamforming



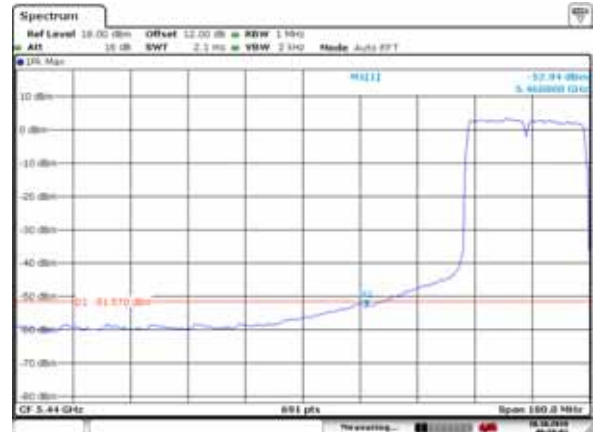
Data: 20.06.2019 11:07:28

5510MHz with Beamforming



Data: 20.06.2019 11:07:47

5510MHz with Beamforming



Data: 20.06.2019 11:07:52

5550MHz with Beamforming



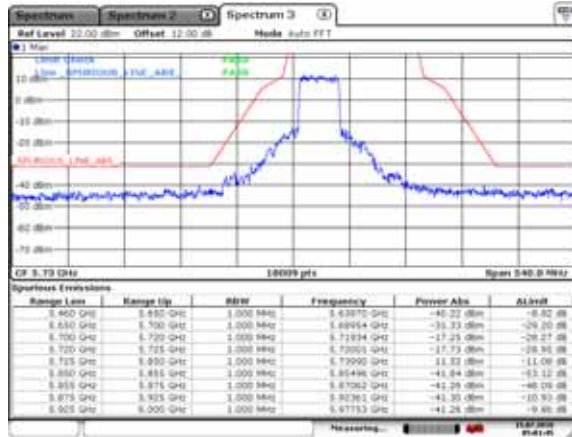
Data: 20.06.2019 11:03:29

5550MHz with Beamforming



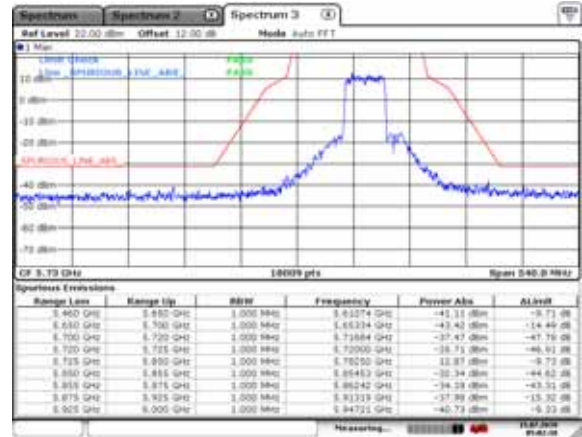
Data: 20.06.2019 11:03:29

5755MHz with SISO



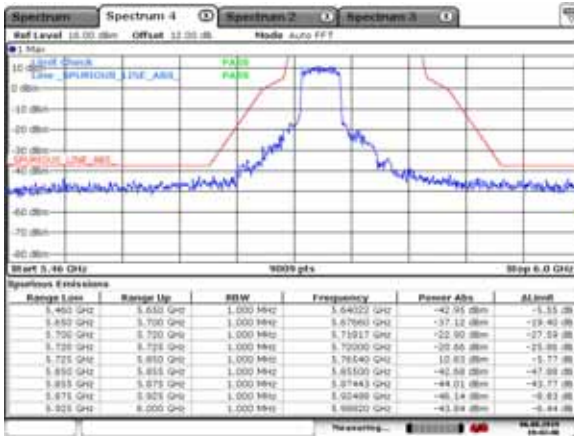
Date: 15.JUL.2019 05:01:45

5795MHz with SISO



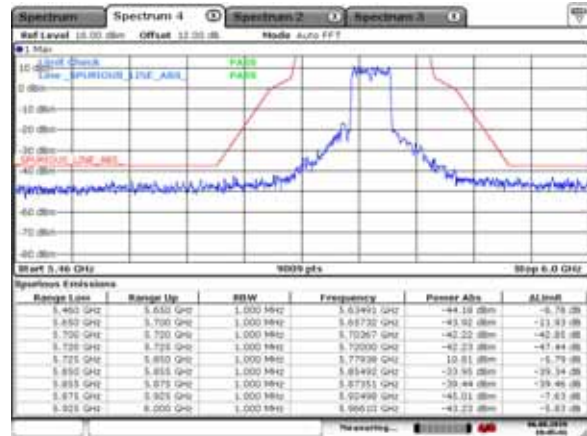
Date: 15.JUL.2019 05:02:18

5755MHz with CDD



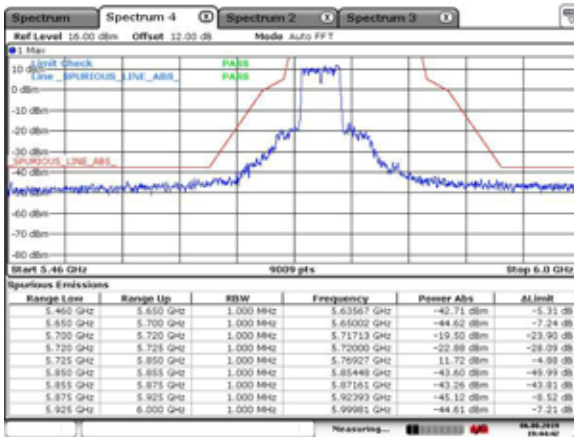
Date: 6.AUG.2019 19:48:19

5795MHz with CDD



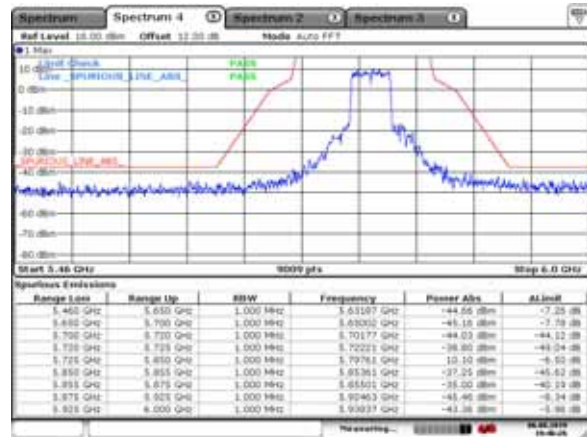
Date: 6.AUG.2019 19:48:42

5755MHz with Beamforming



Date: 6.AUG.2019 19:48:41

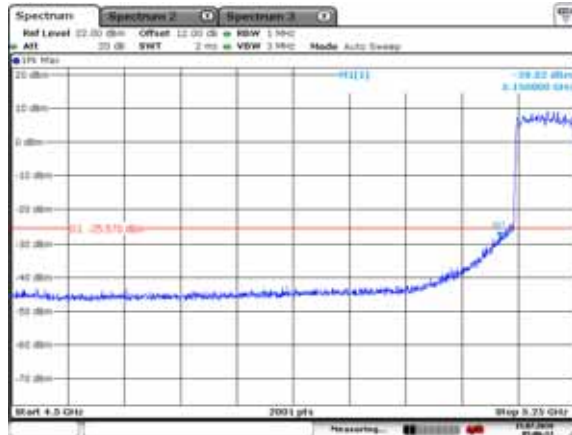
5795MHz with Beamforming



Date: 6.AUG.2019 19:48:28

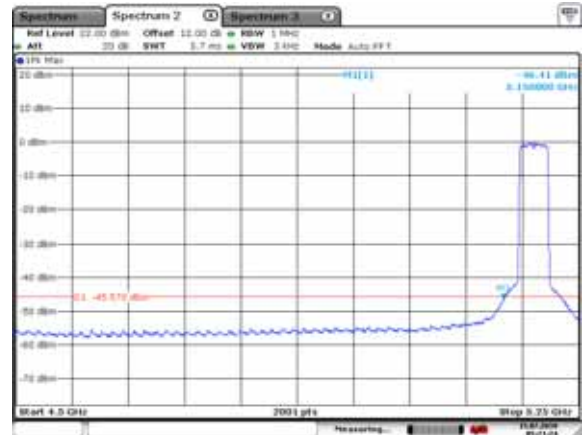
802.11ax(80MHz)

5210MHz with SISO



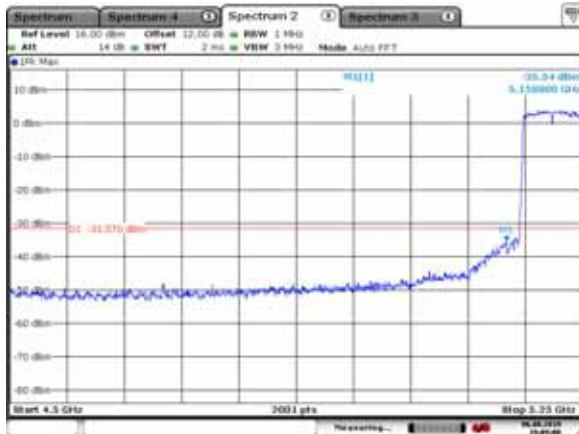
Date: 15.JUL.2019 05:06:13

5210MHz with SISO



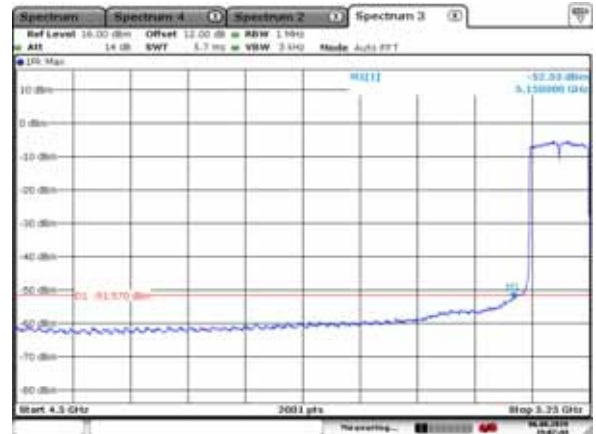
Date: 15.JUL.2019 05:21:24

5210MHz with CDD



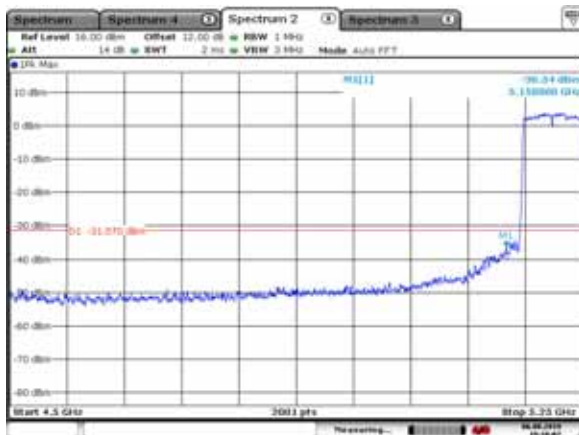
Date: 6.JUL.2019 19:59:49

5210MHz with CDD



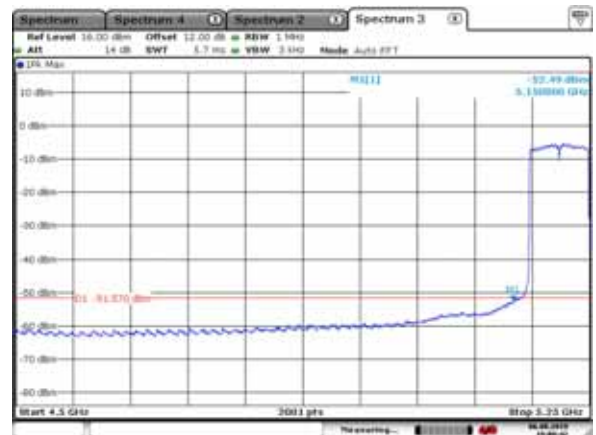
Date: 6.JUL.2019 19:57:44

5210MHz with Beamforming



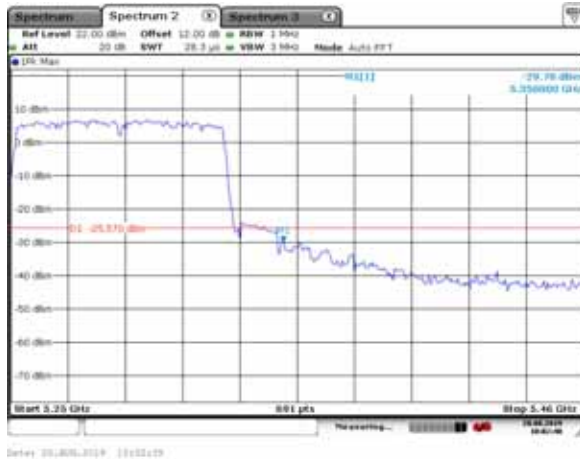
Date: 6.JUL.2019 19:12:57

5210MHz with Beamforming

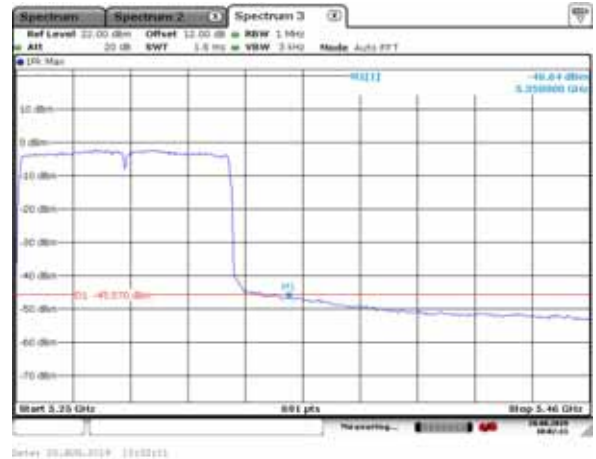


Date: 6.JUL.2019 19:10:42

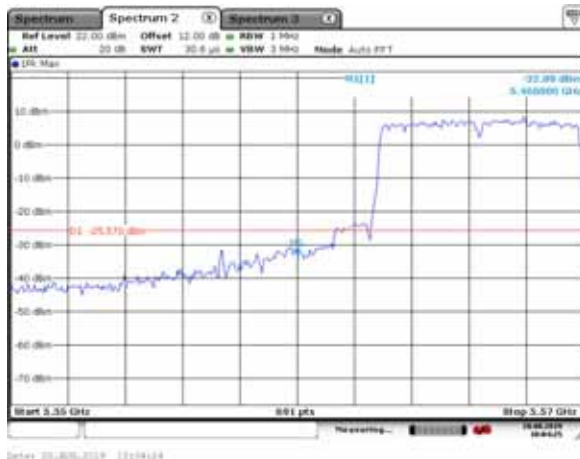
5290MHz with SISO



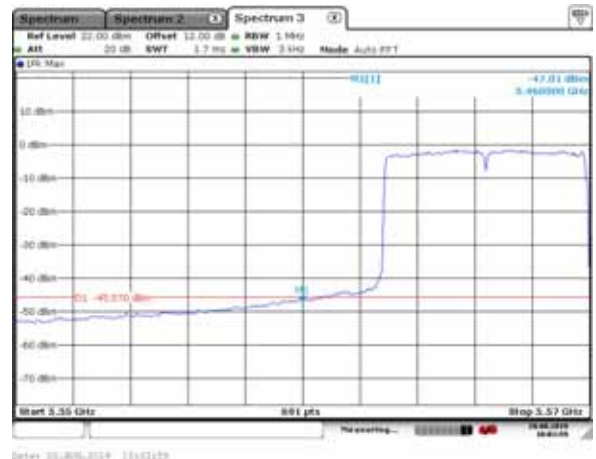
5290MHz with SISO



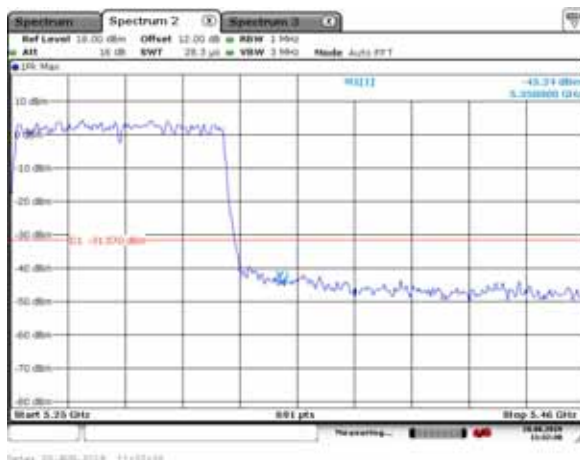
5530MHz with SISO



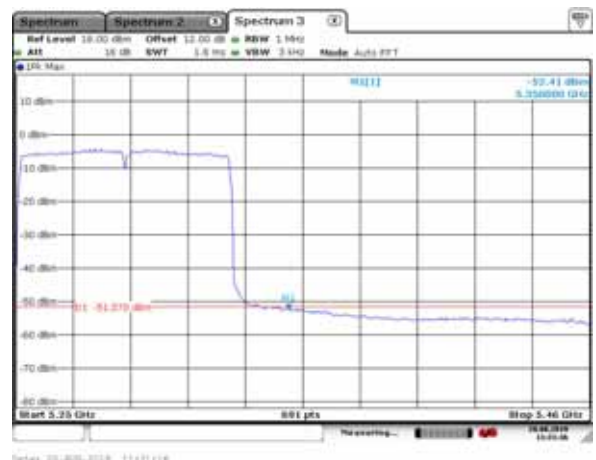
5530MHz with SISO



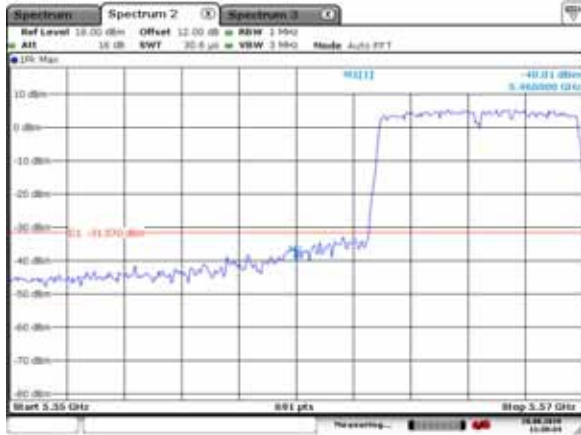
5290MHz with CDD



5290MHz with CDD

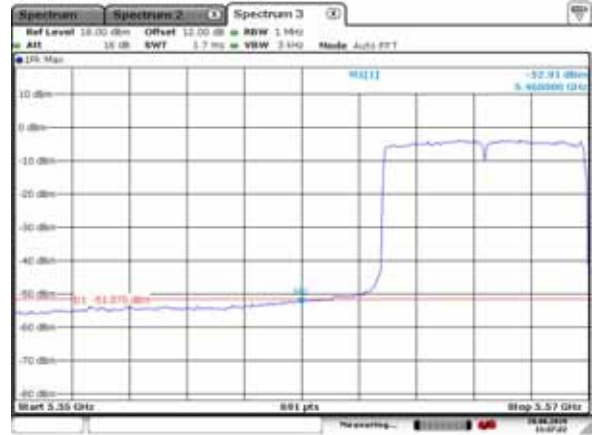


5530MHz with CDD



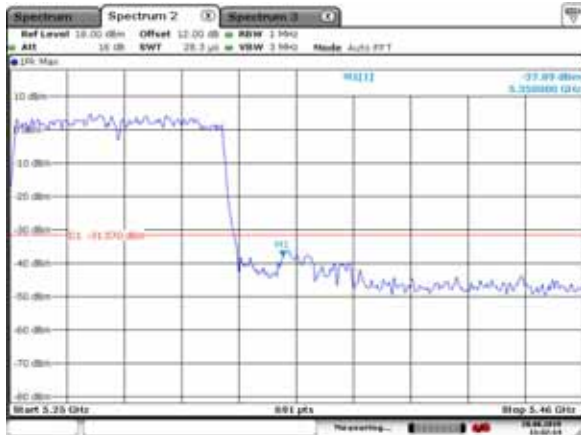
Date: 20.06.2019 11:39:14

5530MHz with CDD



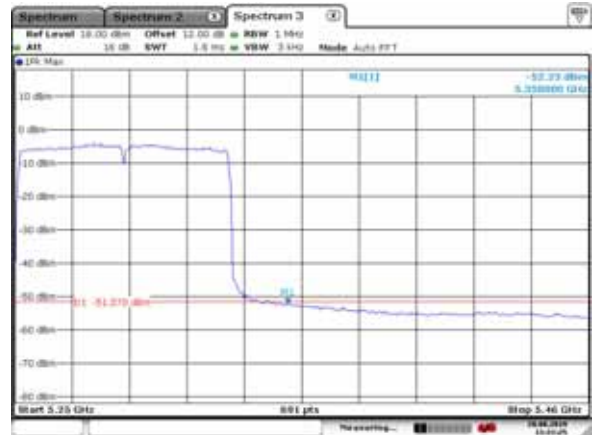
Date: 20.06.2019 11:37:12

5290MHz with Beamforming



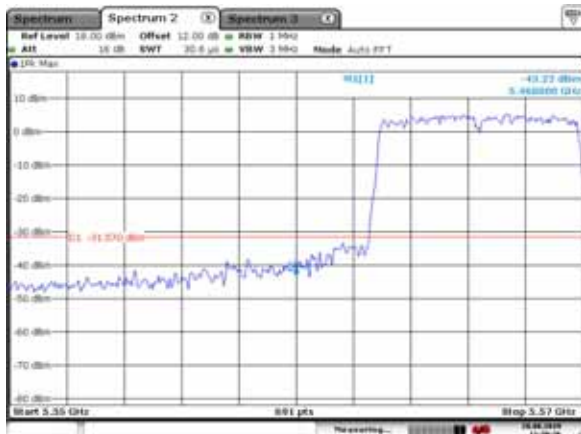
Date: 20.06.2019 11:32:14

5290MHz with Beamforming



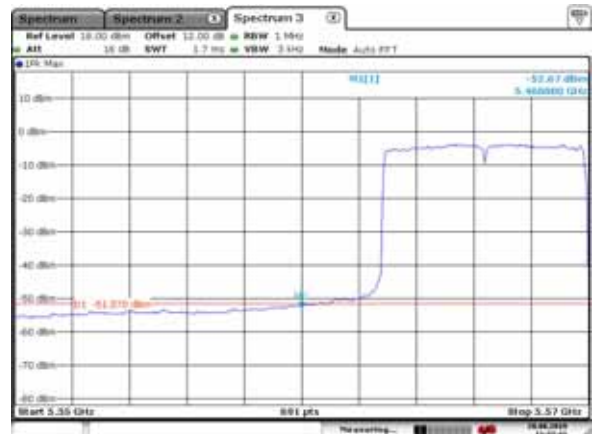
Date: 20.06.2019 11:31:25

5530MHz with Beamforming



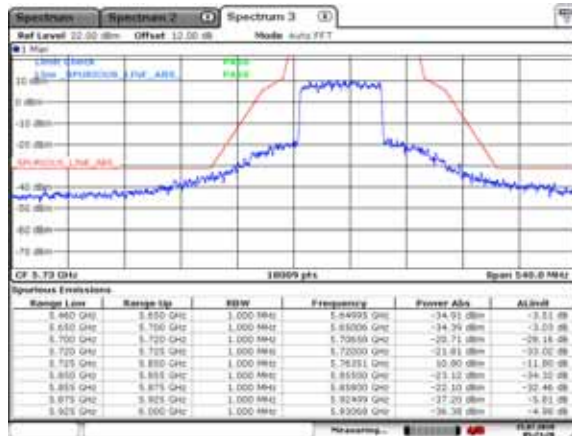
Date: 20.06.2019 11:39:16

5530MHz with Beamforming



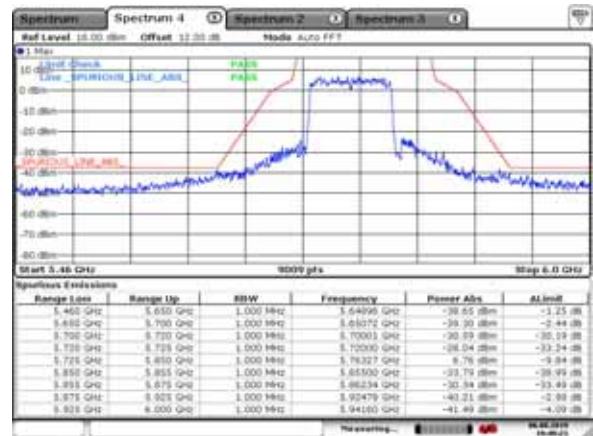
Date: 20.06.2019 11:37:11

5775MHz with SISO



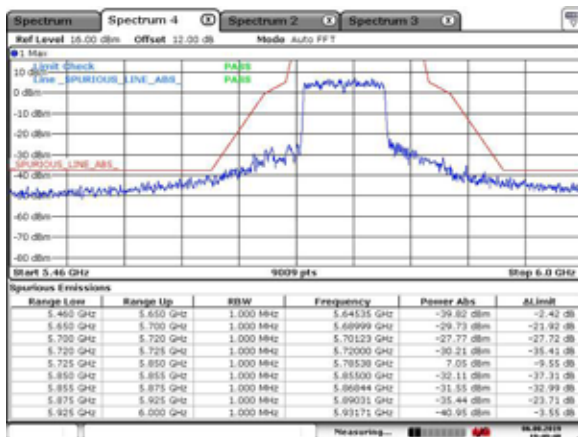
Date: 15. JUL. 2019 05:23:20

5775MHz with CDD



Date: 6.JUL.2019 19:09:13

5775MHz with Beamforming



Date: 6.JUL.2019 19:49:03

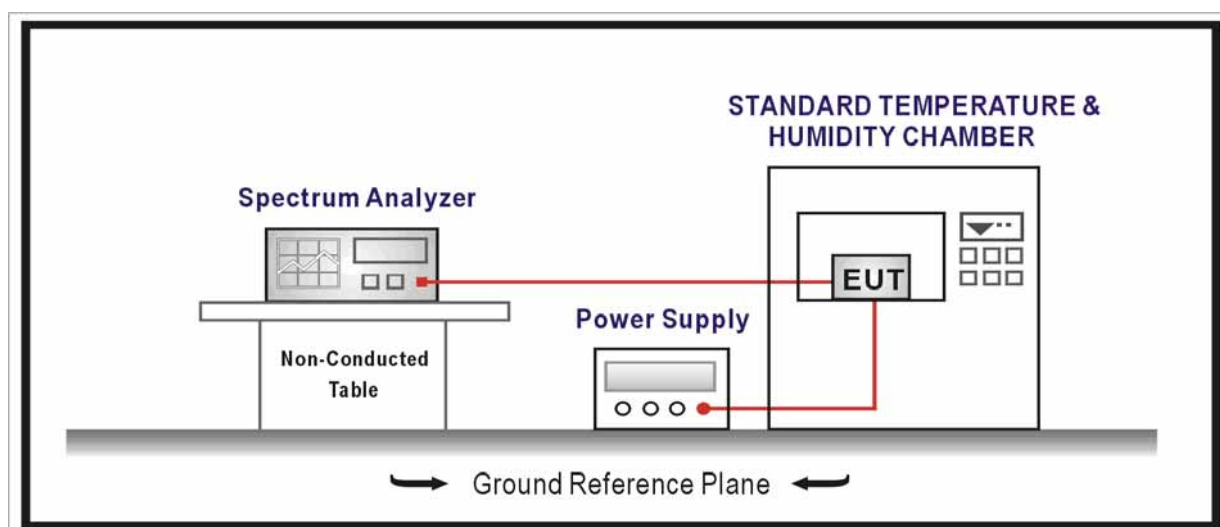
10. Frequency Stability

10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2019.02.04	2020.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2019.04.09	2020.04.08
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2019.04.09	2020.04.08
AC Power Supply	IDRC	CF-500TP	979422	2019.09.16	2020.09.15
DC Power Supply	IDRC	CD-035-020PR	977272	2019.09.16	2020.09.15
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2019.01.04	2020.01.03
Temperature/Humidity Meter	zhichen	ZC1-2	TR7-TH	2019.04.10	2020.04.09

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

10.2. Test Setup



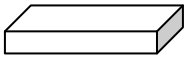
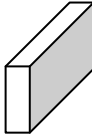
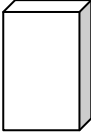
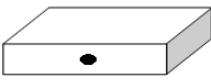
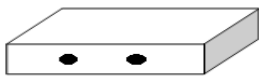
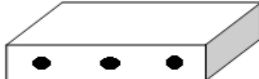
10.3. Limit

Frequency Stability Limit	
UNII Devices	
☒	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11n-2009	
☒	The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

10.4. Test Procedure

Frequency Stability Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

10.5. EUT test Axis definition

Item	Frequency Stability				
Device Category	☒	Indoor use			
	☐	Outdoor use			
	☐	Fix position use			
	☐	Client use			
Test mode	Mode 1-9				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1			
					
	☒	Chain 1	Chain 2		
					
	☐	Chain 1	Chain 2	Chain 3	
					
	☐	Chain 1	Chain 2	Chain 3	Chain 4
					

10.6. Test Result

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Carrier Wave	Test Site	:	TR-7
Test Date	:	2019.08.05	Test Engineer	:	Simon

Frequency Stability under Temperature at 0min

Temperature Interval ()	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	102	0.020	± 20
-20	5220.000	-95	-0.018	± 20
-10	5220.000	-79	-0.015	± 20
0	5220.000	124	0.024	± 20
10	5220.000	139	0.027	± 20
20	5220.000	164	0.031	± 20
30	5220.000	113	0.022	± 20
40	5220.000	-95	-0.018	± 20
50	5220.000	-94	-0.018	± 20

Frequency Stability under Temperature at 2min

Temperature Interval ()	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-119	-0.023	± 20
-20	5220.000	-146	-0.028	± 20
-10	5220.000	-86	-0.016	± 20
0	5220.000	81	0.016	± 20
10	5220.000	146	0.028	± 20
20	5220.000	-104	-0.020	± 20
30	5220.000	-160	-0.031	± 20
40	5220.000	97	0.019	± 20
50	5220.000	-143	-0.027	± 20

Frequency Stability under Temperature at 5min

Temperature Interval ()	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-129	-0.025	± 20
-20	5220.000	-122	-0.023	± 20
-10	5220.000	107	0.020	± 20
0	5220.000	-88	-0.017	± 20
10	5220.000	113	0.022	± 20
20	5220.000	179	0.034	± 20
30	5220.000	161	0.031	± 20
40	5220.000	-95	-0.018	± 20
50	5220.000	-91	-0.017	± 20

Frequency Stability under Temperature at 10min

Temperature Interval ()	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
-30	5220.000	-117	-0.022	± 20
-20	5220.000	188	0.036	± 20
-10	5220.000	145	0.028	± 20
0	5220.000	-204	-0.039	± 20
10	5220.000	-112	-0.021	± 20
20	5220.000	-110	-0.021	± 20
30	5220.000	-106	-0.020	± 20
40	5220.000	97	0.019	± 20
50	5220.000	-86	-0.016	± 20

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	ppm	Limit
102	5220.000	-143	-0.027	± 20
120	5220.000	171	0.033	± 20
138	5220.000	134	0.026	± 20

11. Antenna Requirement

11.1. Limit

Antenna Requirement Limit	
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.	

11.2. Antenna Connector Construction

Antenna Connector Construction	
☒	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☐	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document "Internal Photograph" to show the antenna connector.	

_____ The End _____