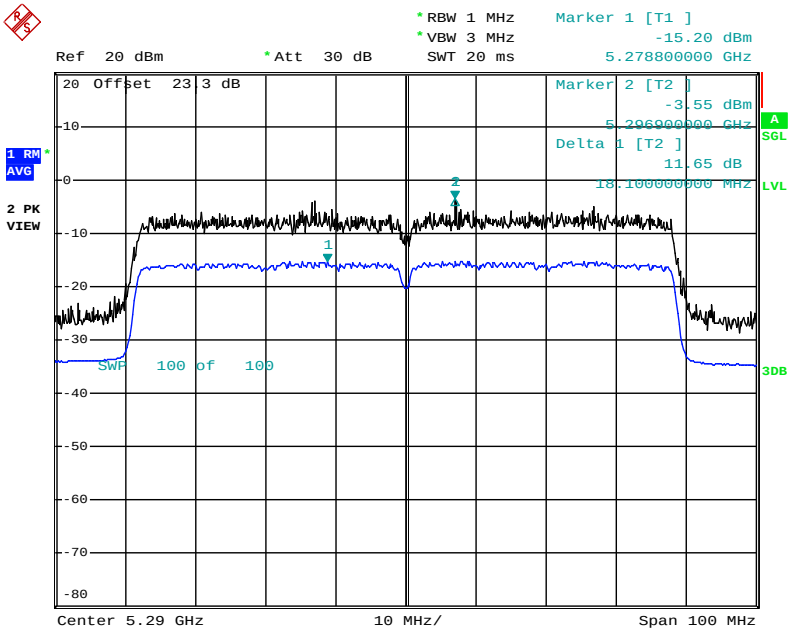
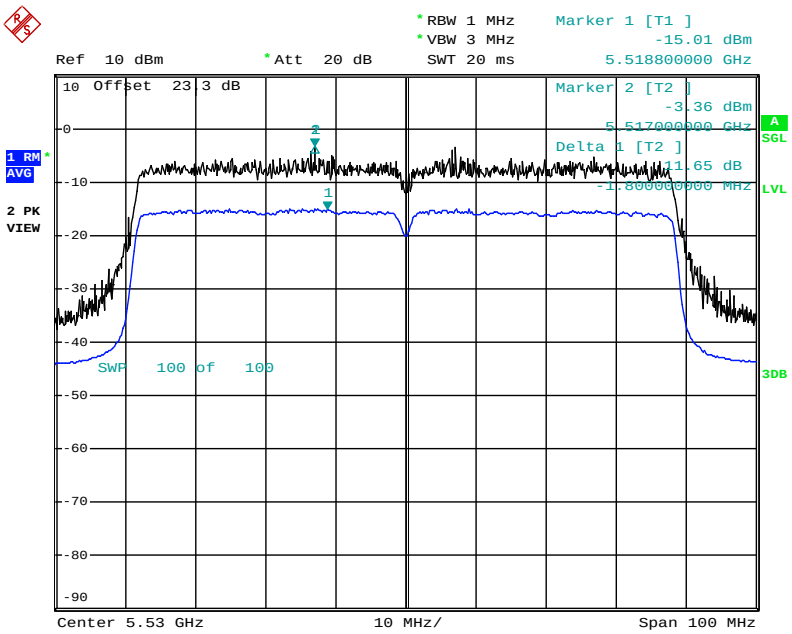
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5290 MHz



Date: 25.MAY.2013 06:59:07

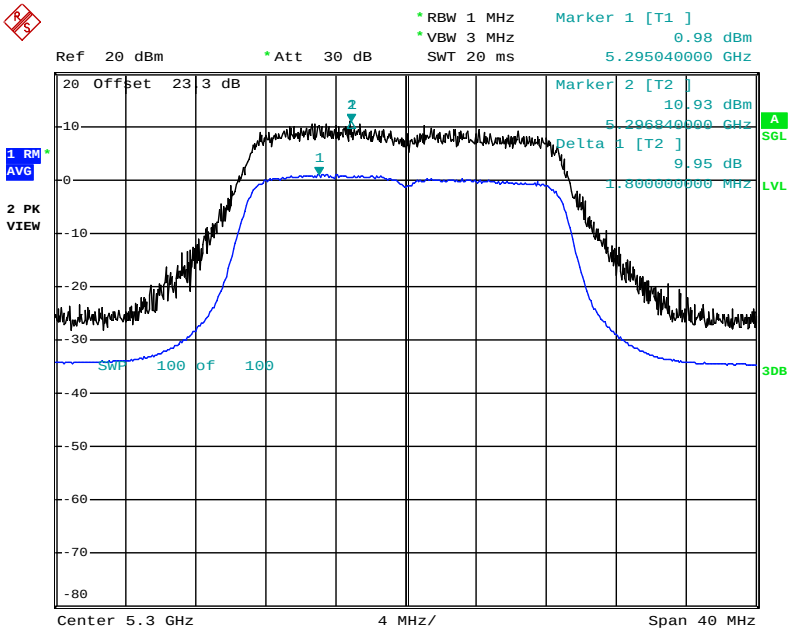
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5530 MHz



Date: 25.MAY.2013 07:02:09

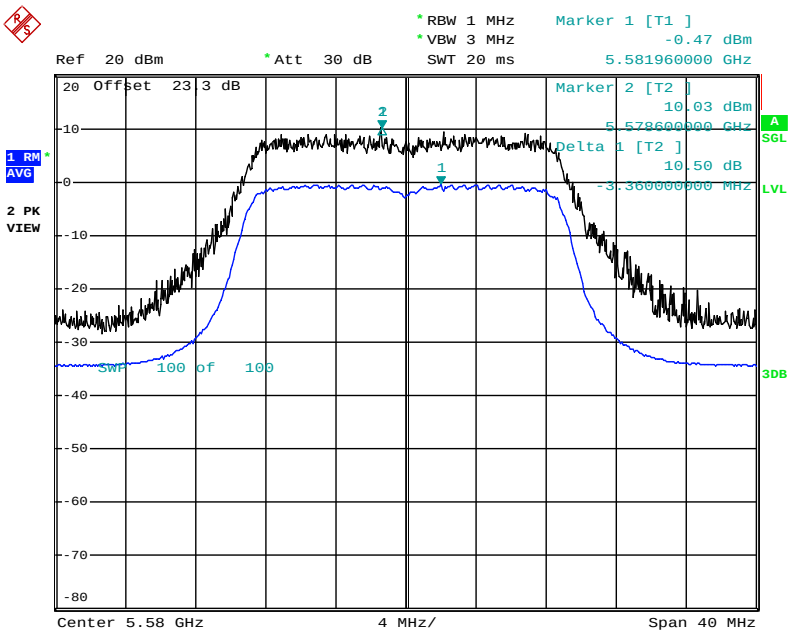
2TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5300 MHz



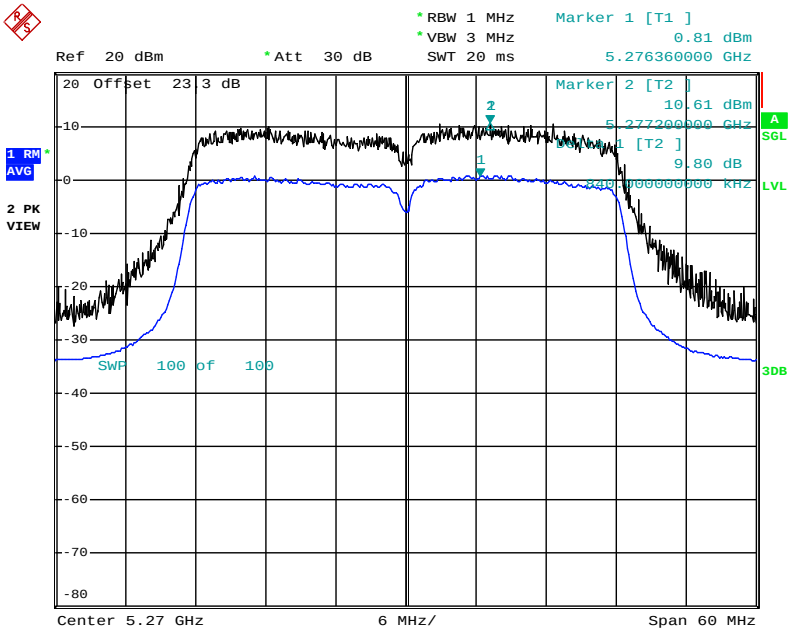
Date: 25.MAY.2013 07:32:43

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5580 MHz



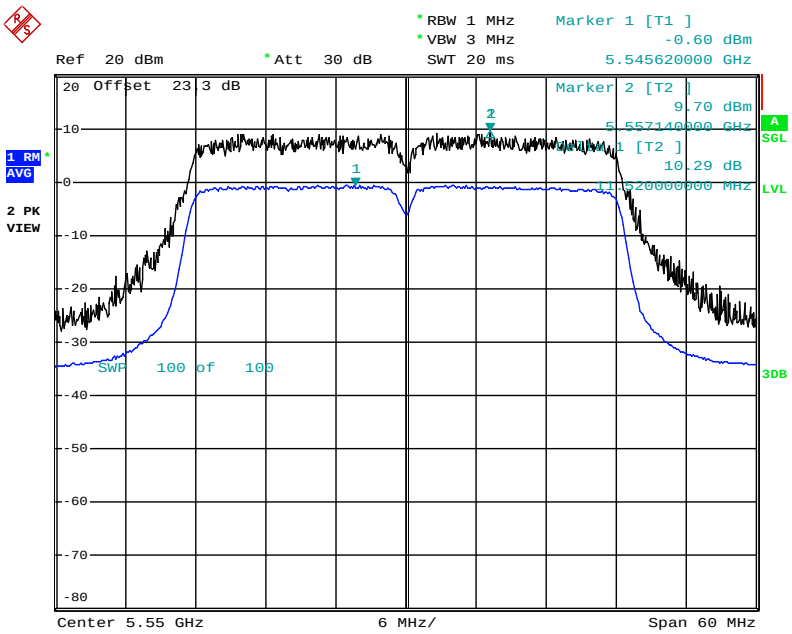
Date: 25.MAY.2013 08:04:48

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5270 MHz



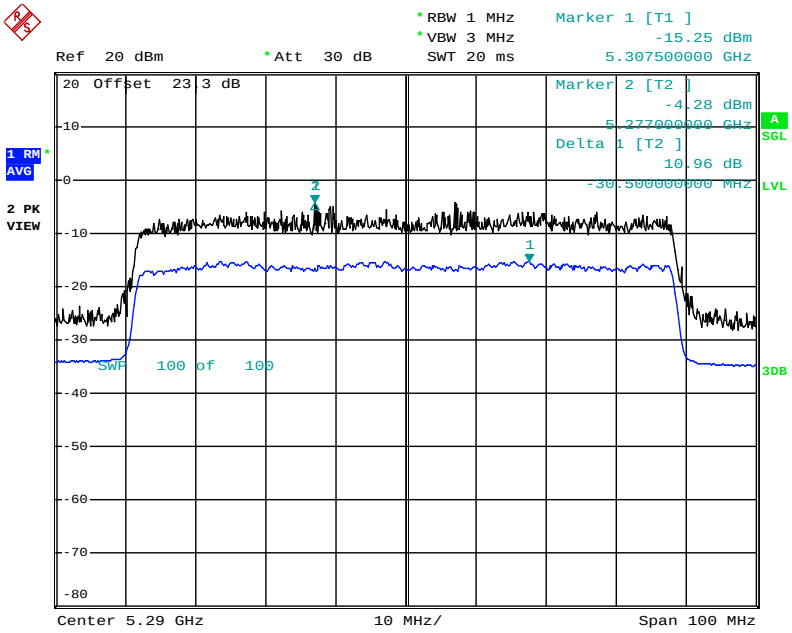
Date: 25.MAY.2013 09:34:23

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5550 MHz



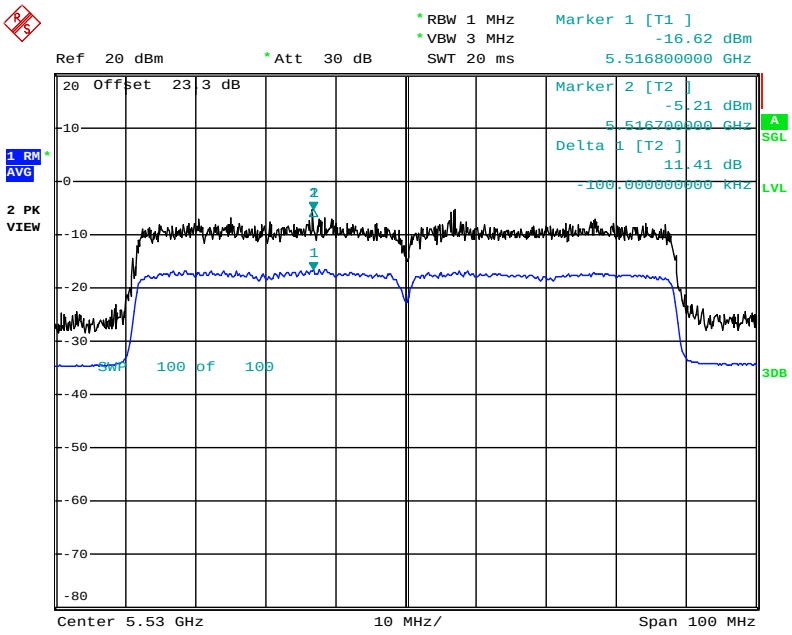
Date: 25.MAY.2013 09:27:28

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



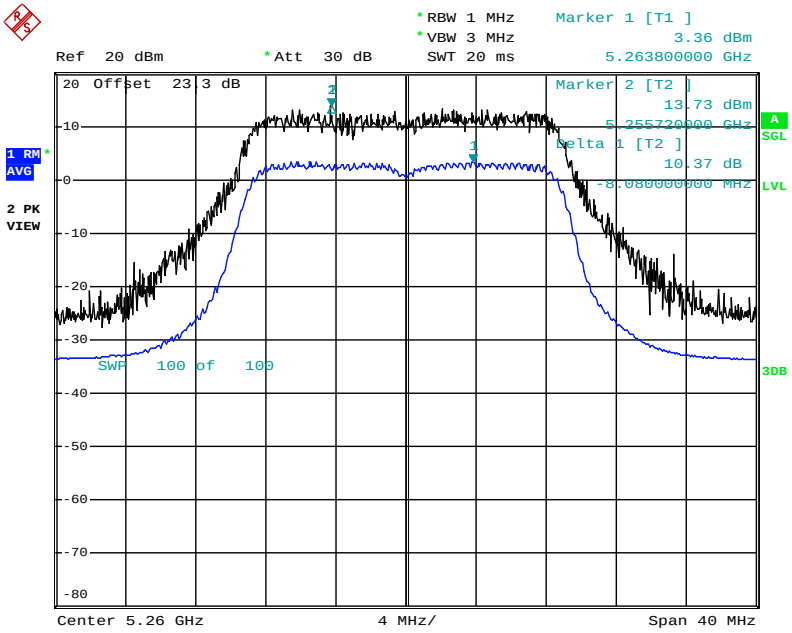
Date: 25.MAY.2013 14:22:20

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



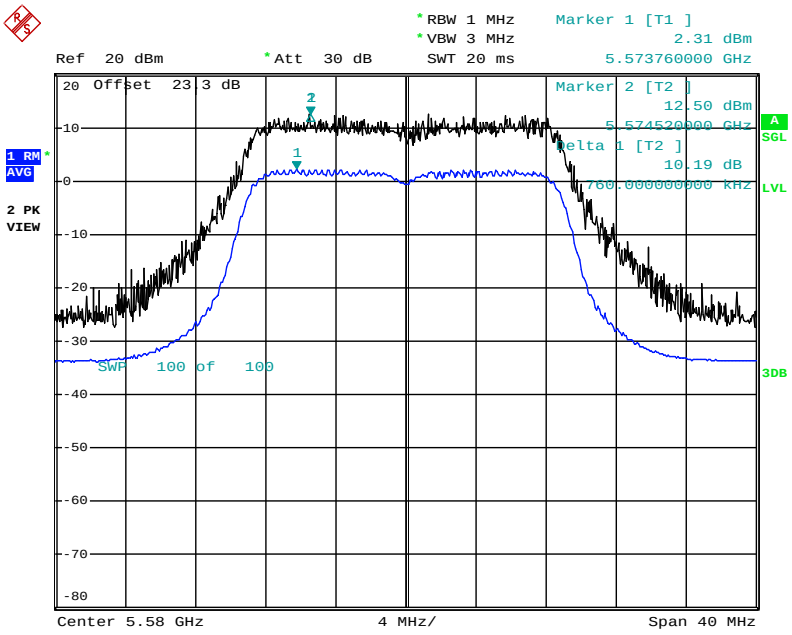
Date: 25.MAY.2013 14:19:36

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5260 MHz



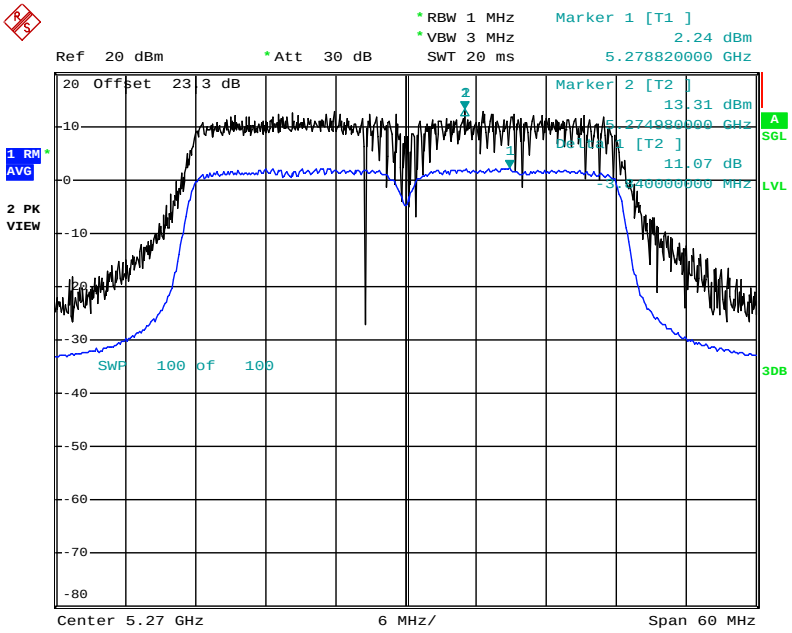
Date: 27.MAY.2013 07:58:44

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



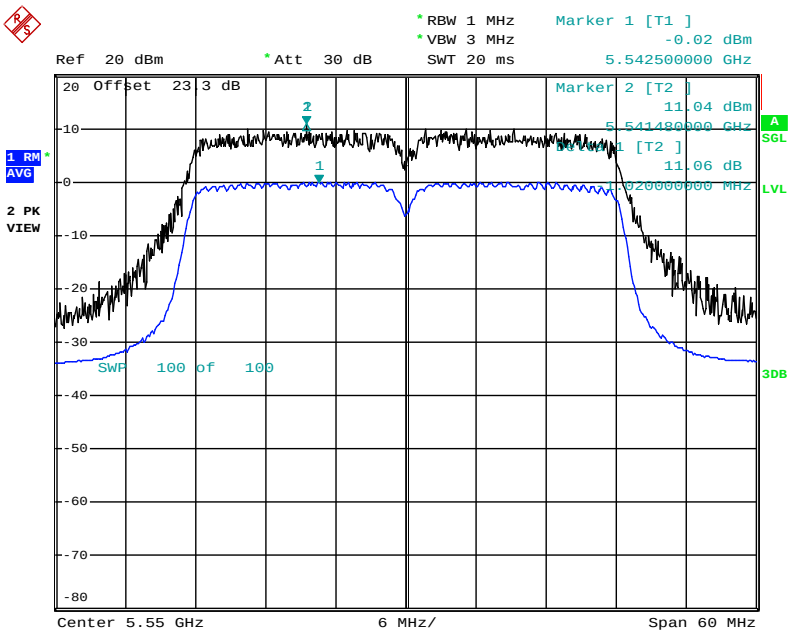
Date: 27.MAY.2013 08:05:31

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



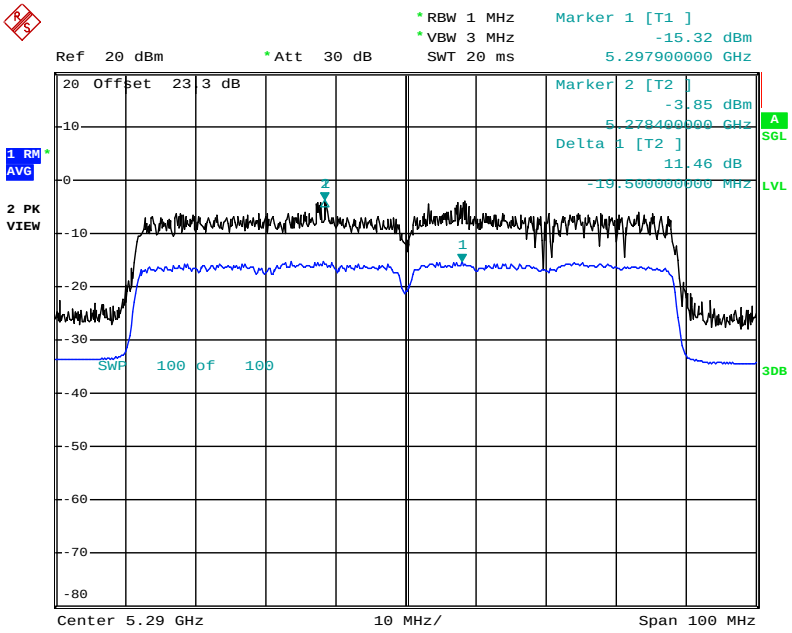
Date: 27.MAY.2013 08:49:41

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5550 MHz



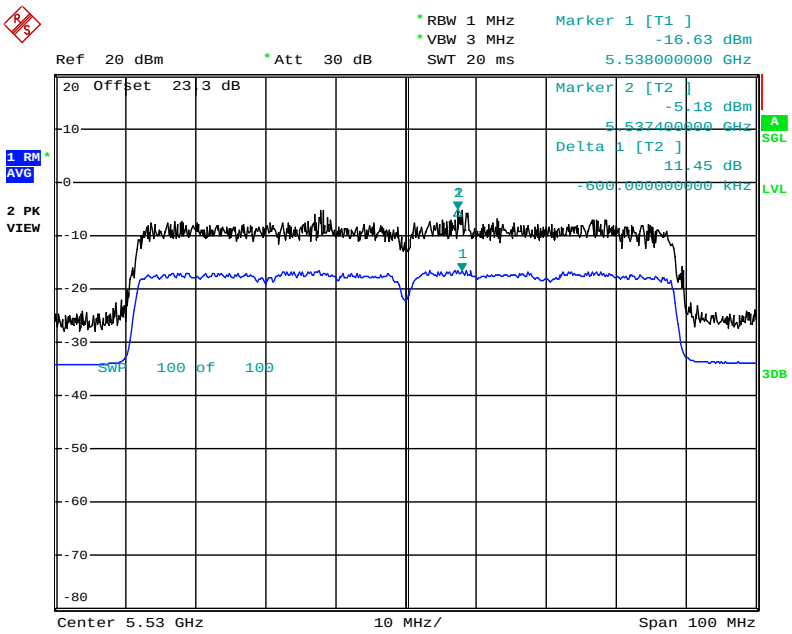
Date: 27.MAY.2013 08:25:30

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



Date: 27.MAY.2013 09:14:15

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz

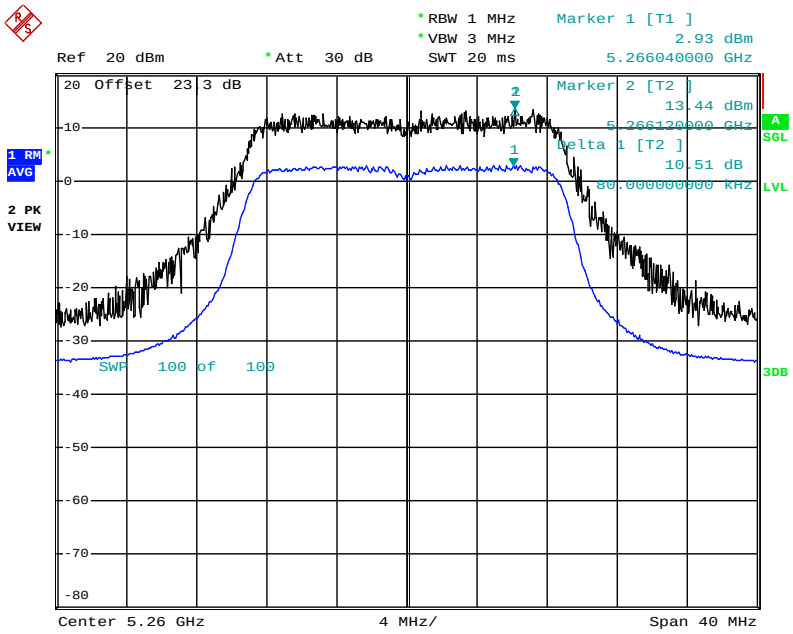


Date: 27.MAY.2013 09:17:56

Mode 3 (Ant.4 Yagi antenna / 8dBi)

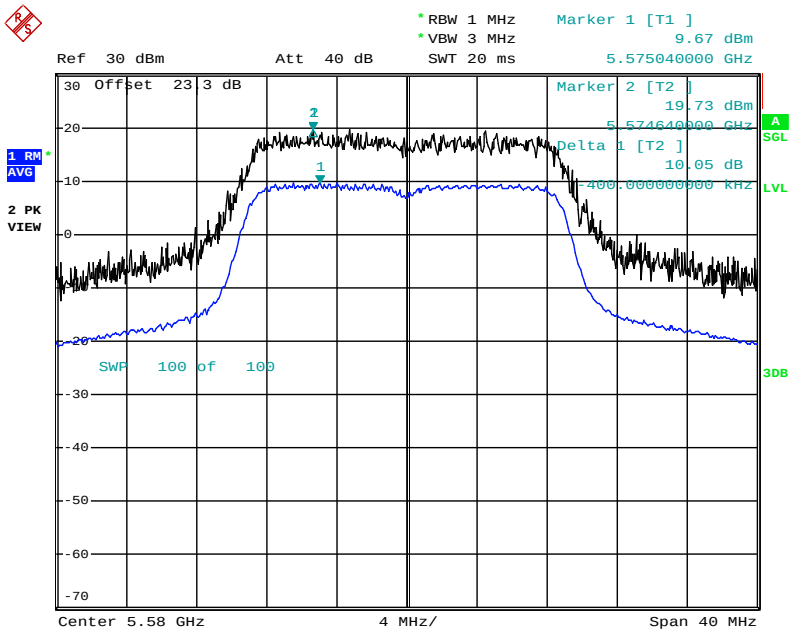
1TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 64QAM(MCS5) / 5260 MHz



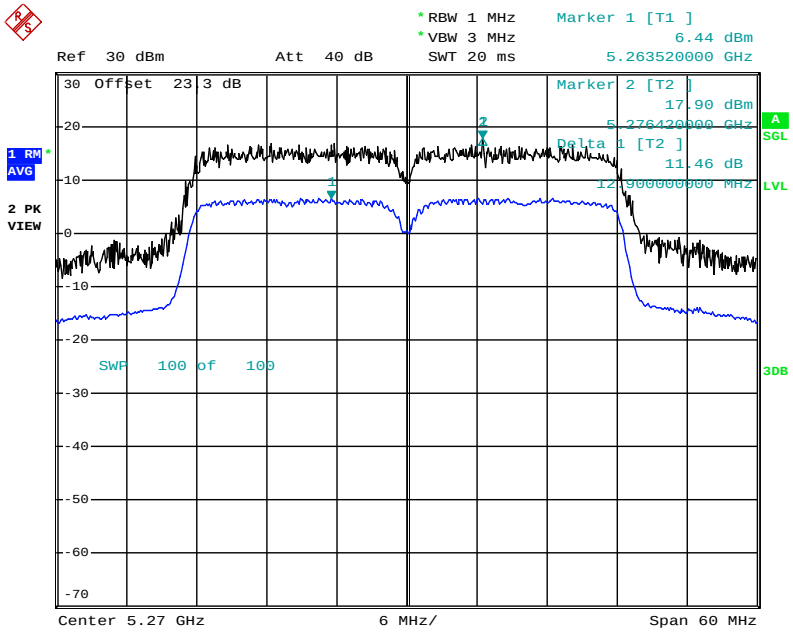
Date: 28.MAY.2013 12:41:27

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 256QAM(MCS8) / 5580 MHz



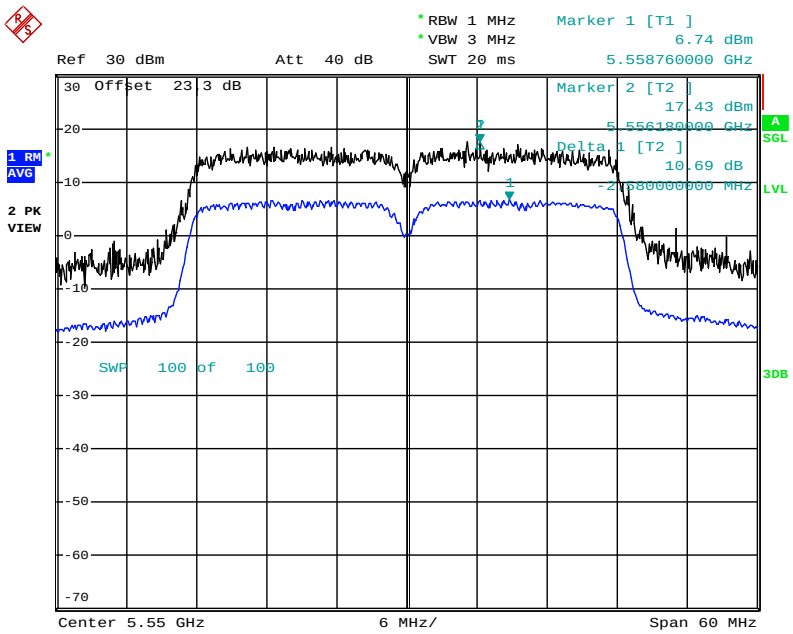
Date: 21.MAY.2013 12:30:22

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 256QAM(MCS8) / 5270 MHz



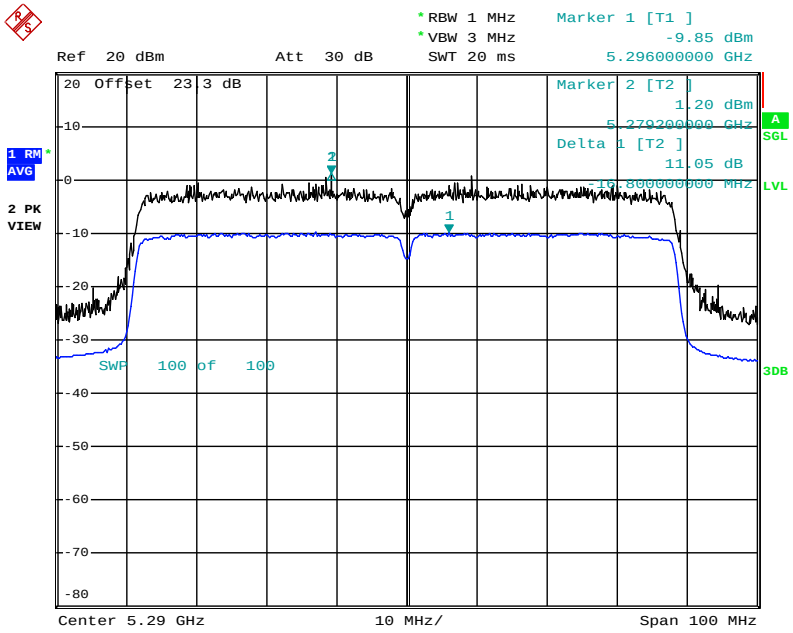
Date: 21.MAY.2013 12:38:21

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 256QAM(MCS8) / 5550 MHz



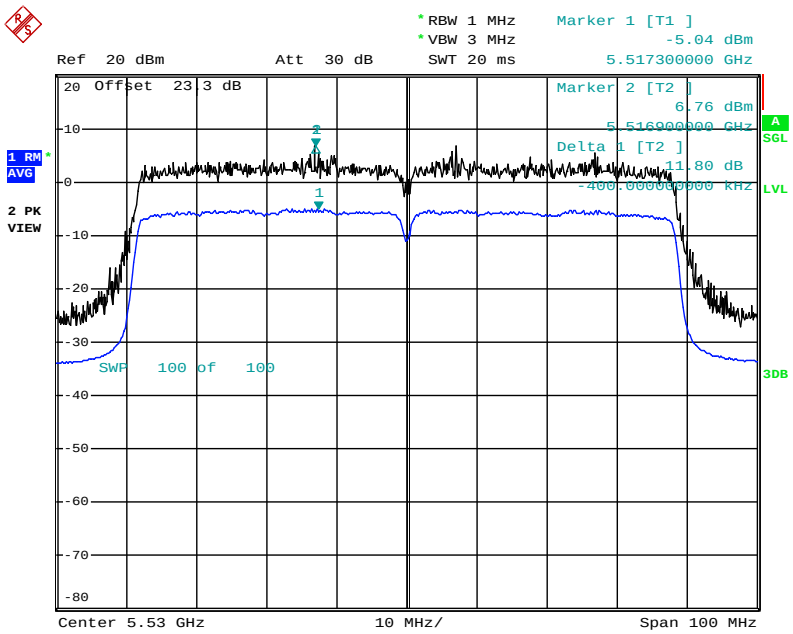
Date: 21.MAY.2013 12:36:32

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5290 MHz



Date: 21.MAY.2013 12:54:22

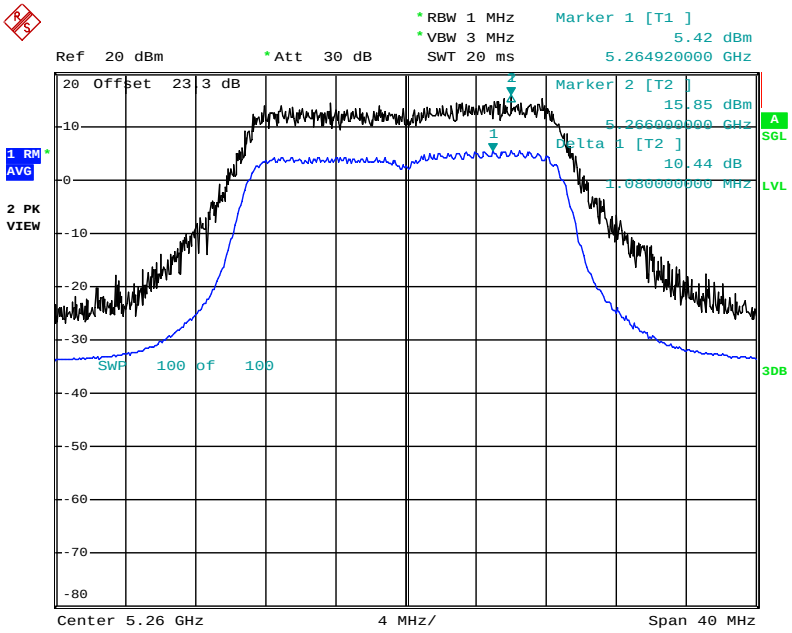
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5530 MHz



Date: 21.MAY.2013 13:28:33

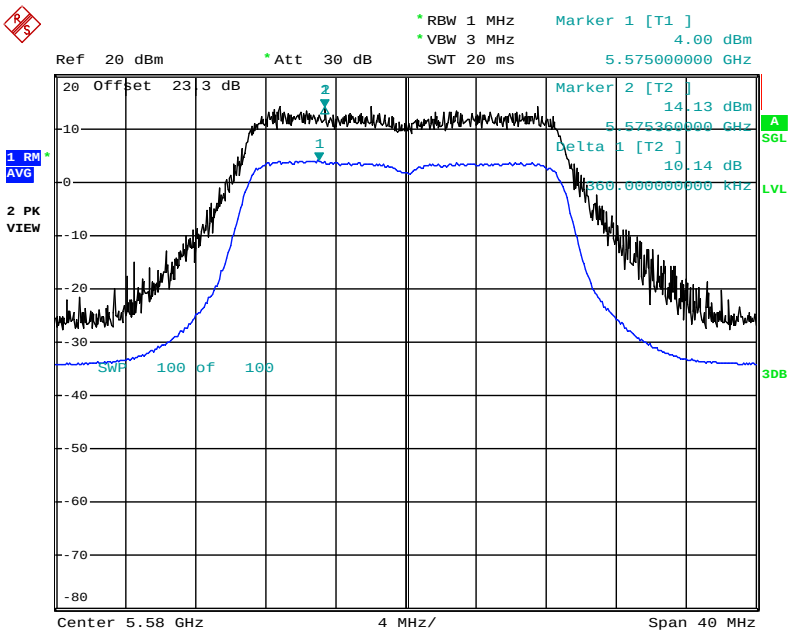
2TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5260 MHz



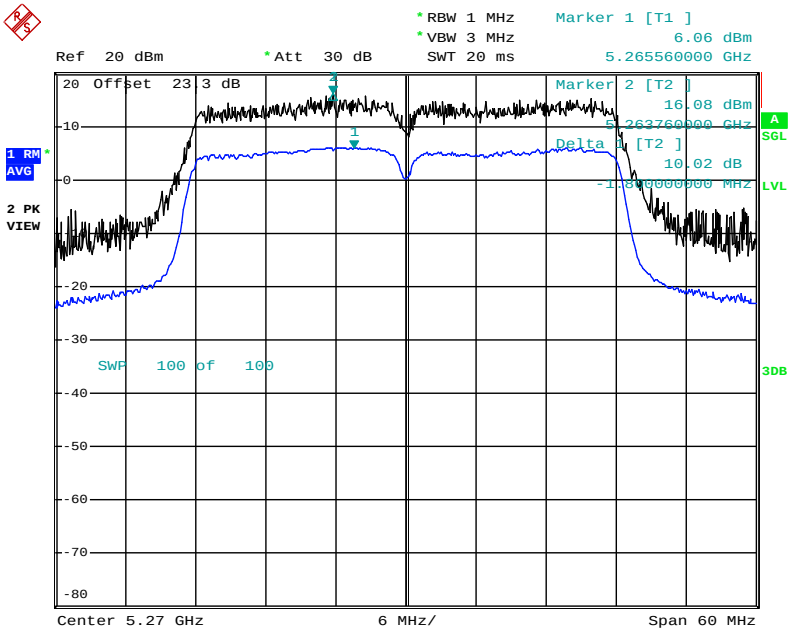
Date: 25.MAY.2013 07:41:23

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5580 MHz



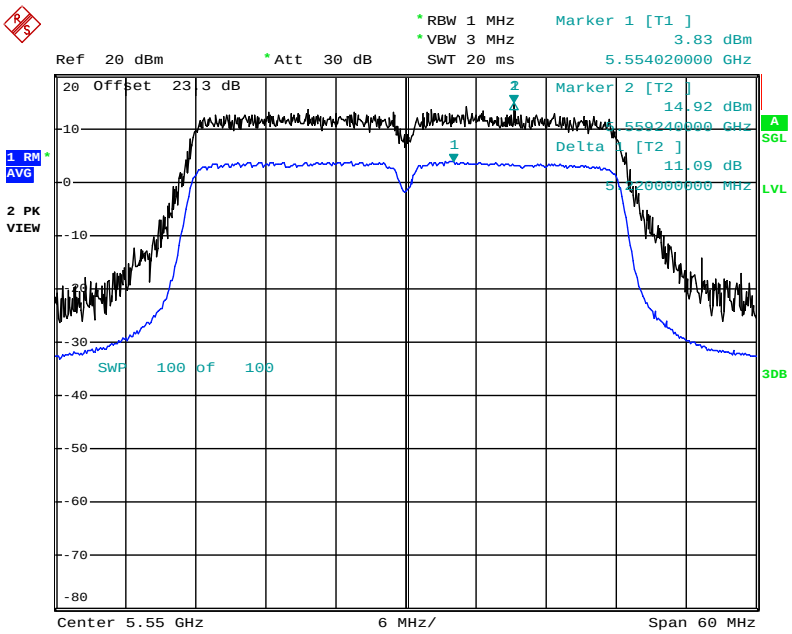
Date: 25.MAY.2013 07:59:44

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5270 MHz



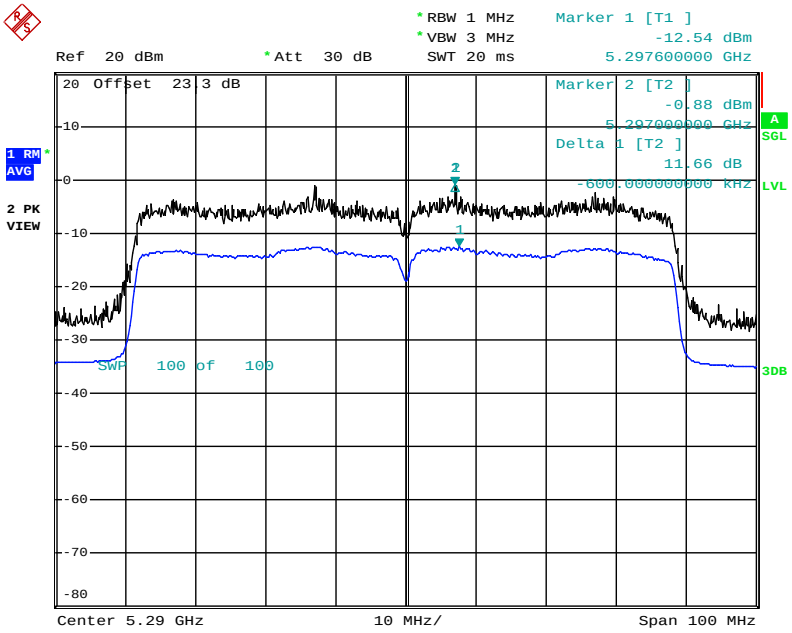
Date: 25.MAY.2013 09:42:48

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5550 MHz



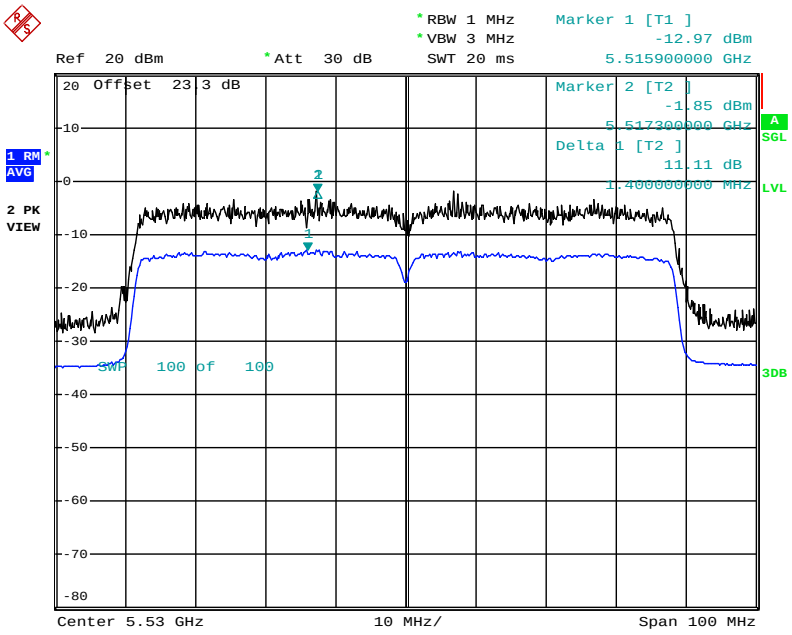
Date: 25.MAY.2013 09:21:39

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



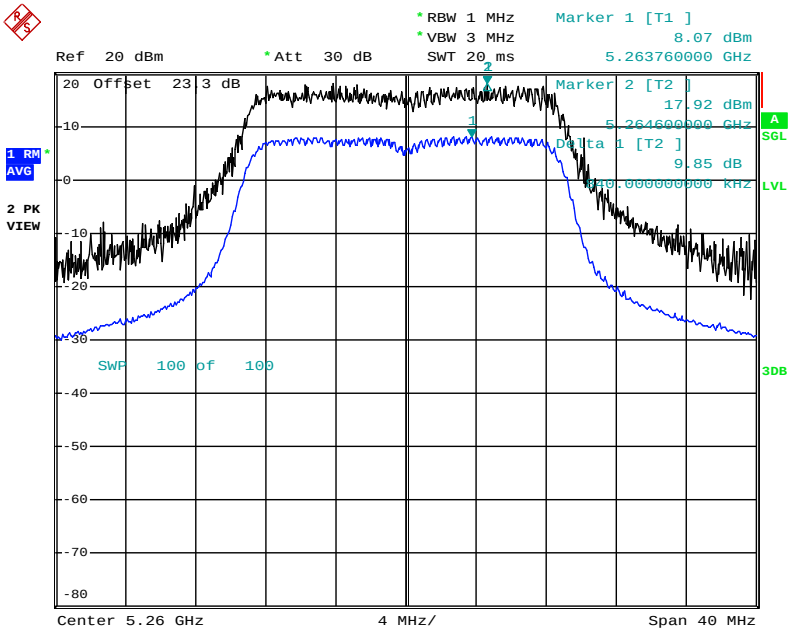
Date: 25.MAY.2013 14:02:56

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



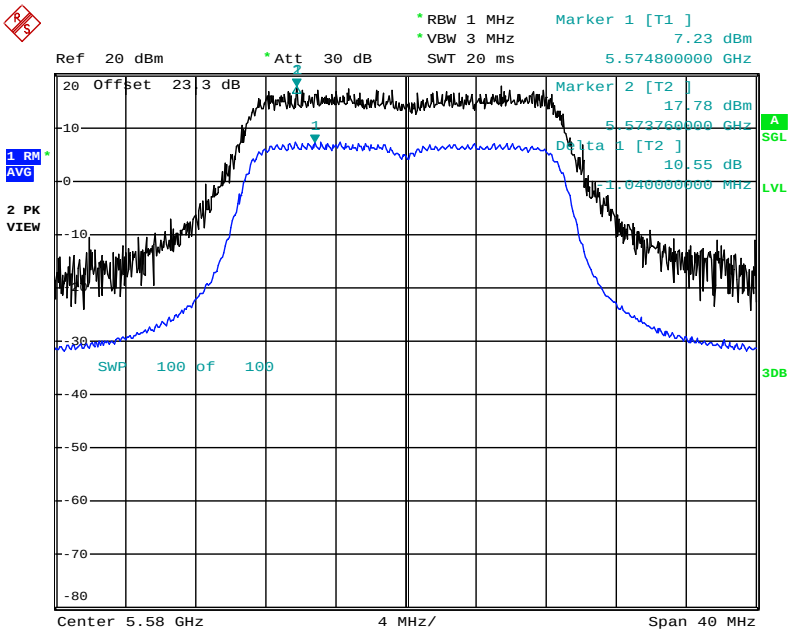
Date: 25.MAY.2013 14:06:46

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5260 MHz



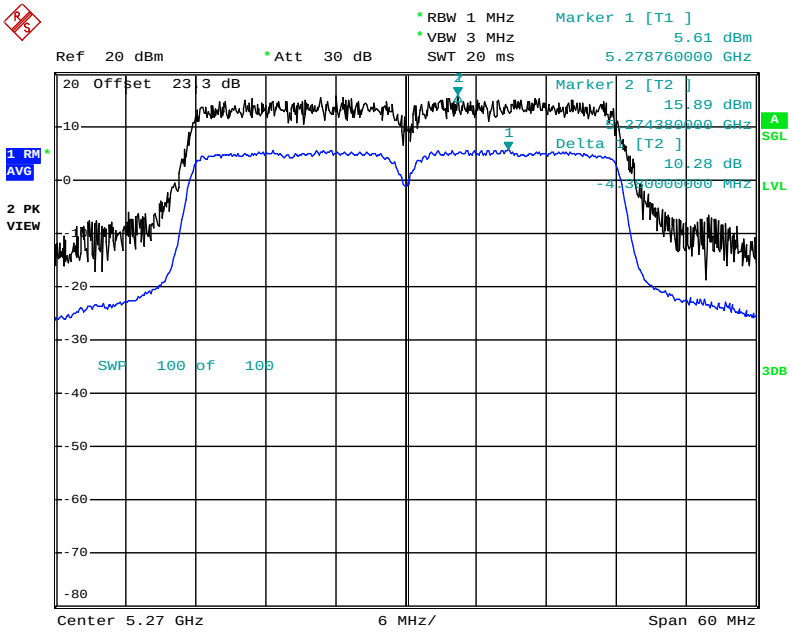
Date: 27.MAY.2013 07:57:34

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



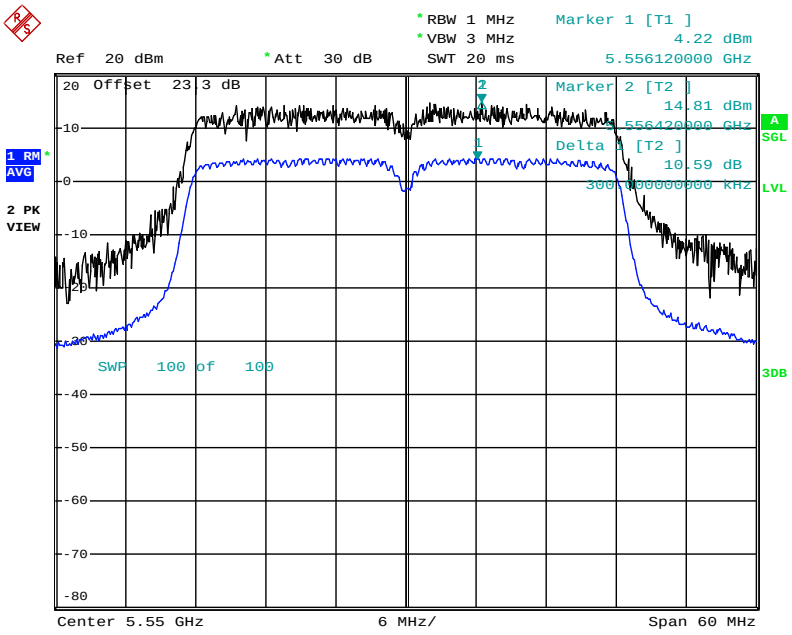
Date: 27.MAY.2013 08:12:48

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



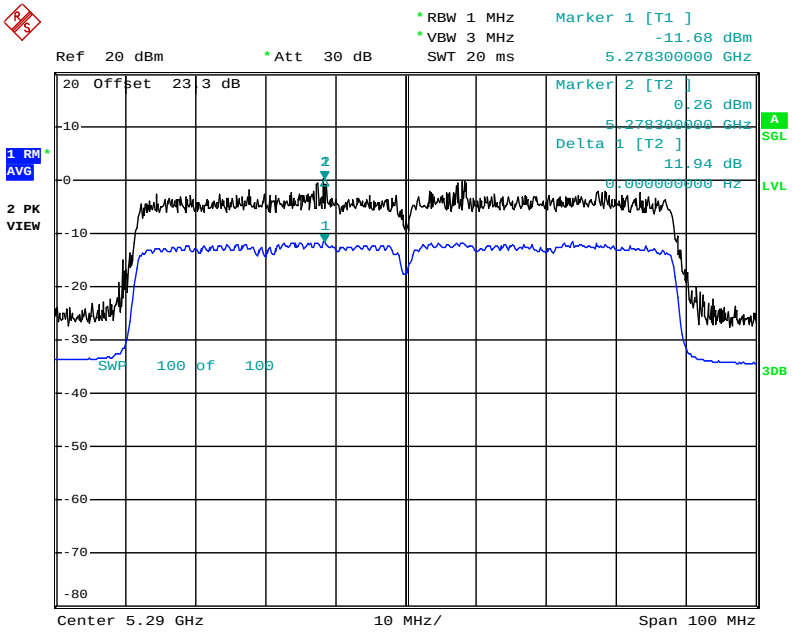
Date: 27.MAY.2013 08:54:59

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5550 MHz



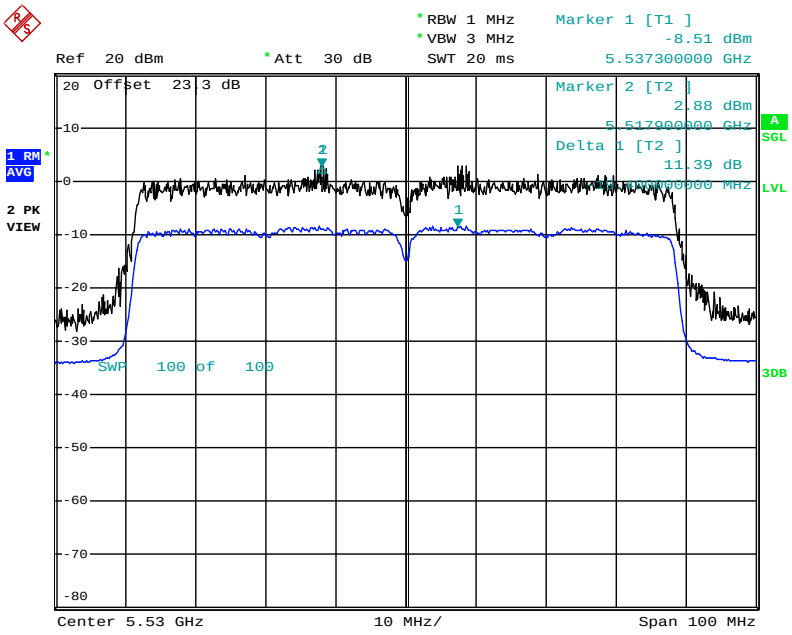
Date: 27.MAY.2013 08:19:03

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



Date: 27.MAY.2013 09:12:06

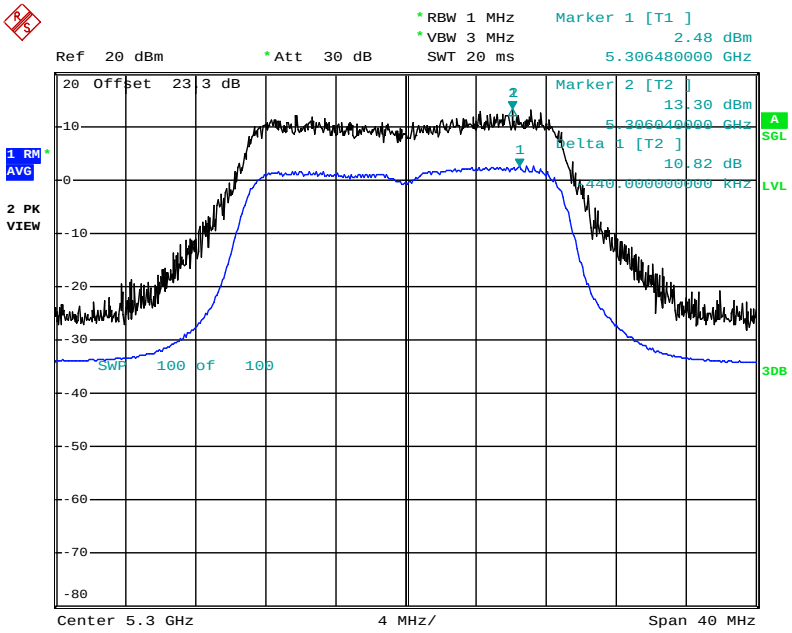
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



Date: 27.MAY.2013 09:24:23

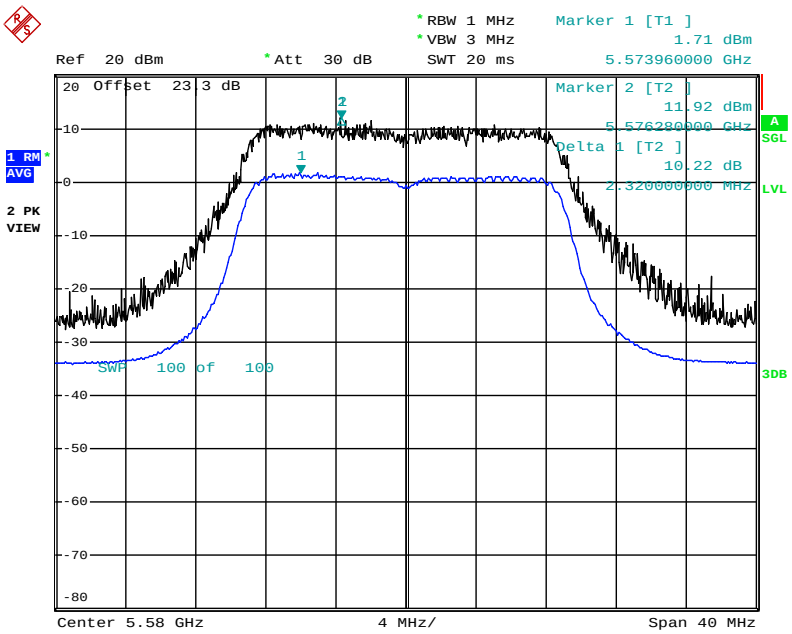
3TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5300 MHz



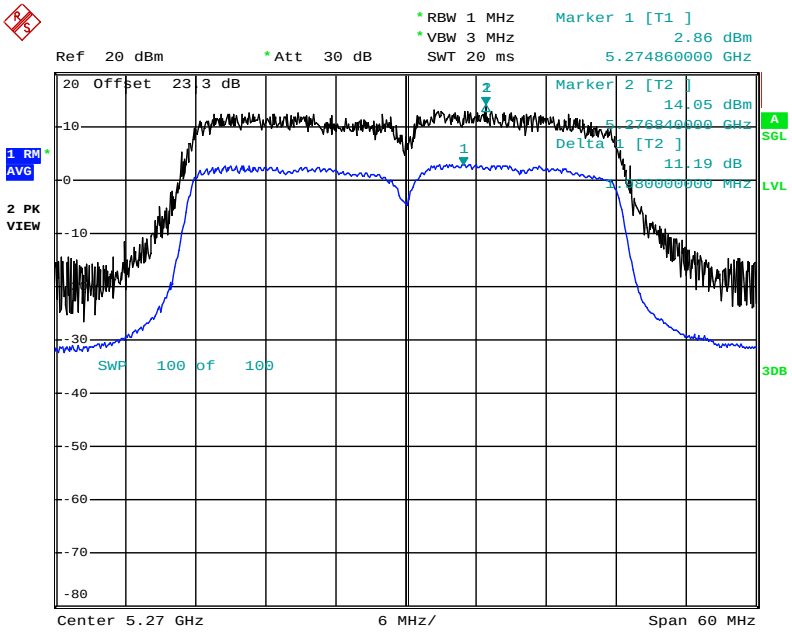
Date: 28.MAY.2013 00:22:16

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz

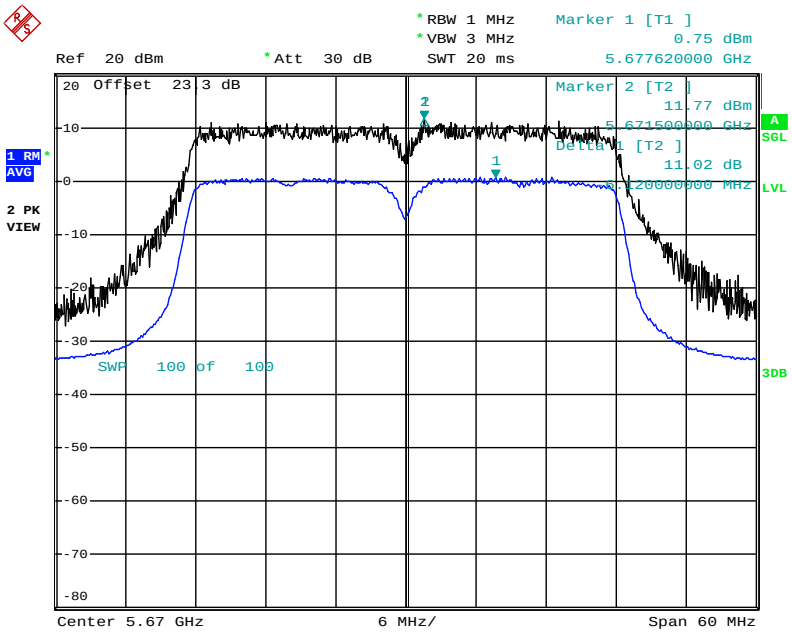


Date: 28.MAY.2013 00:46:24

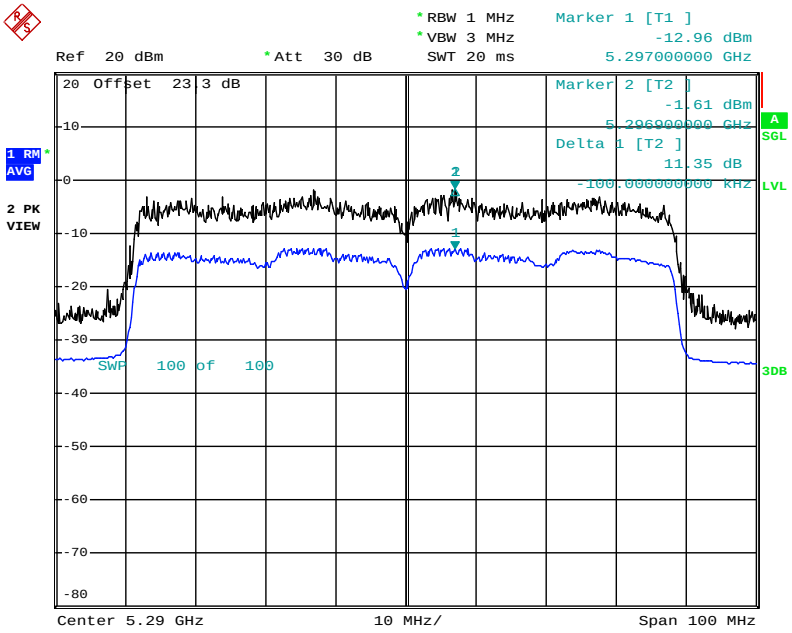
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5270 MHz



Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5670 MHz

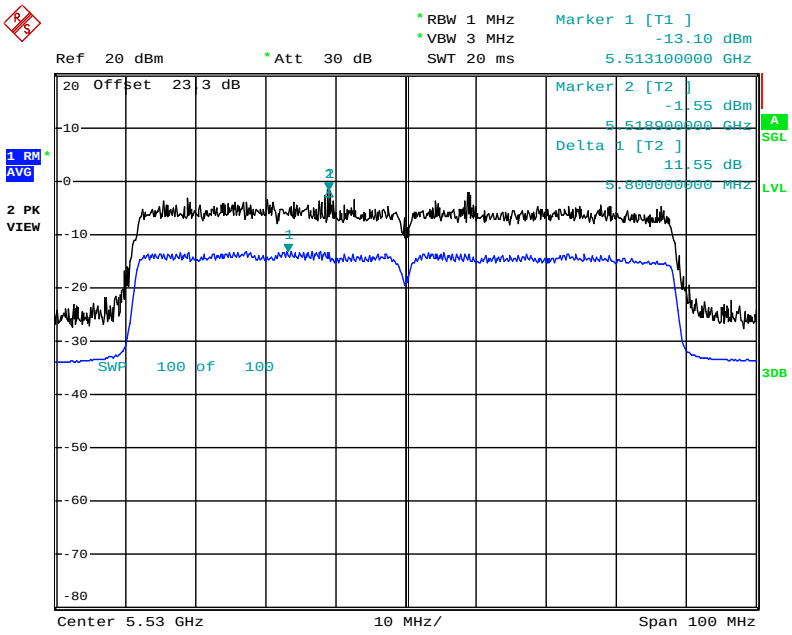


Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



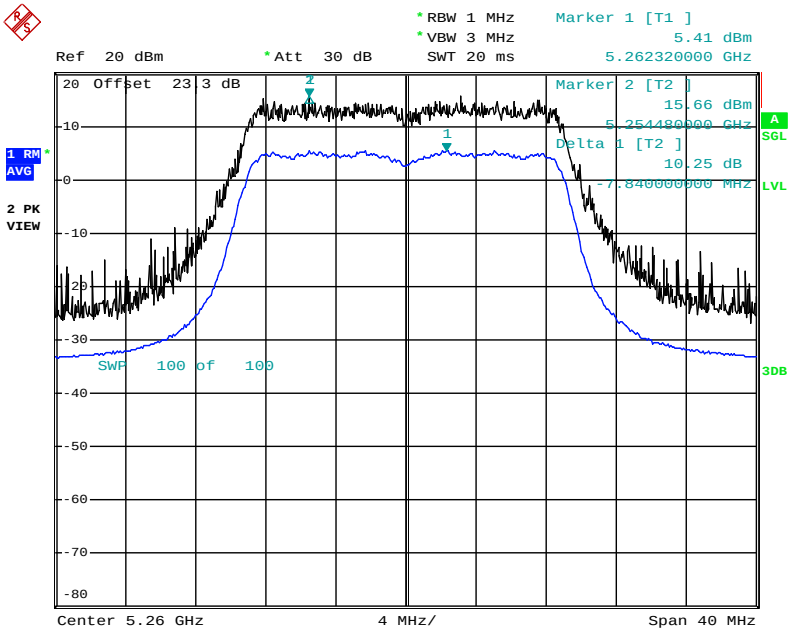
Date: 28.MAY.2013 01:17:13

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5530 MHz



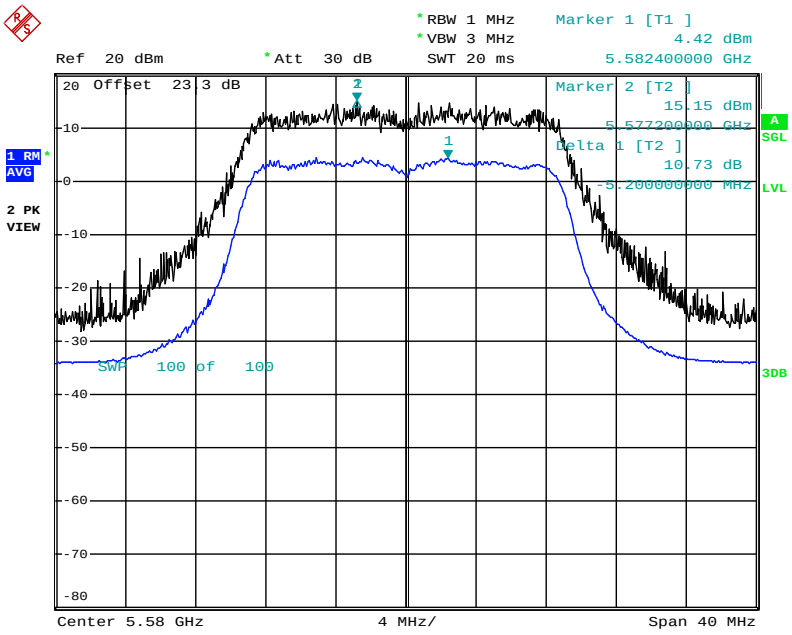
Date: 28.MAY.2013 01:41:24

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5260 MHz



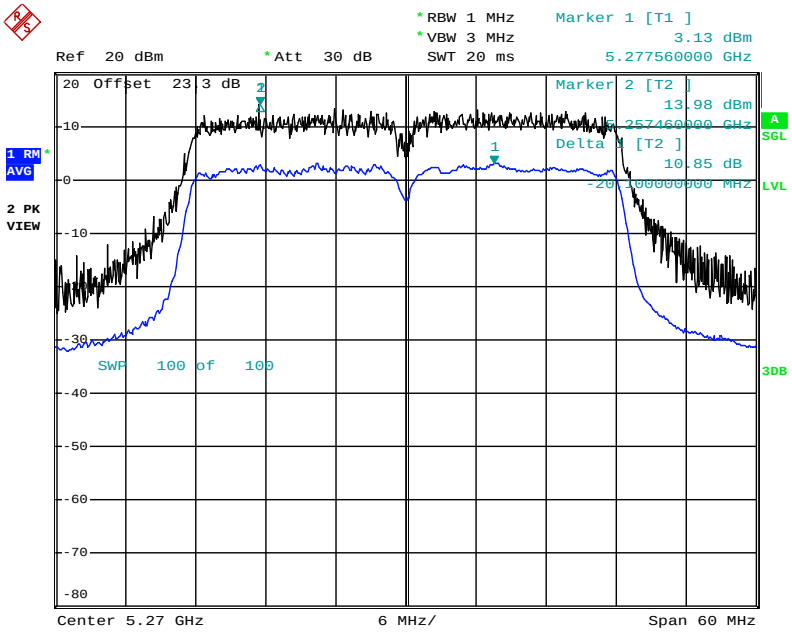
Date: 28.MAY.2013 08:16:39

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz



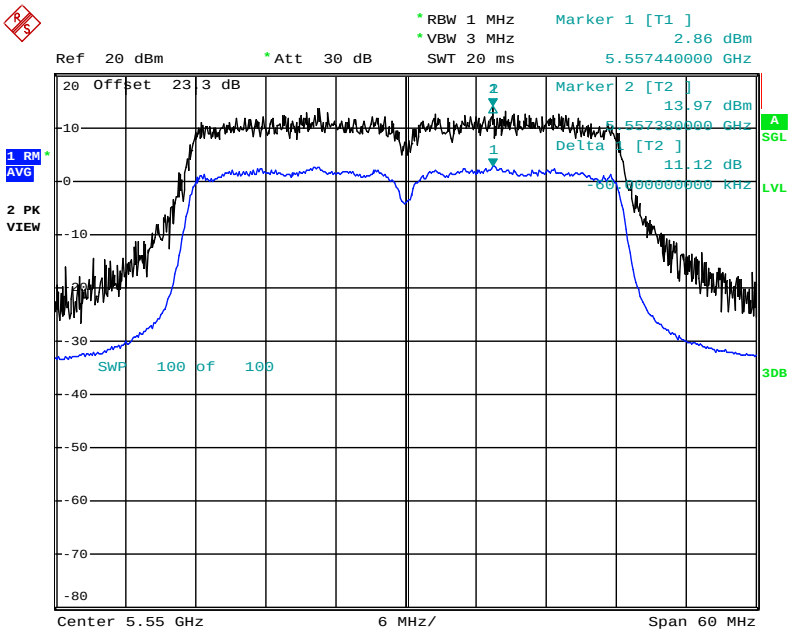
Date: 28.MAY.2013 08:22:40

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



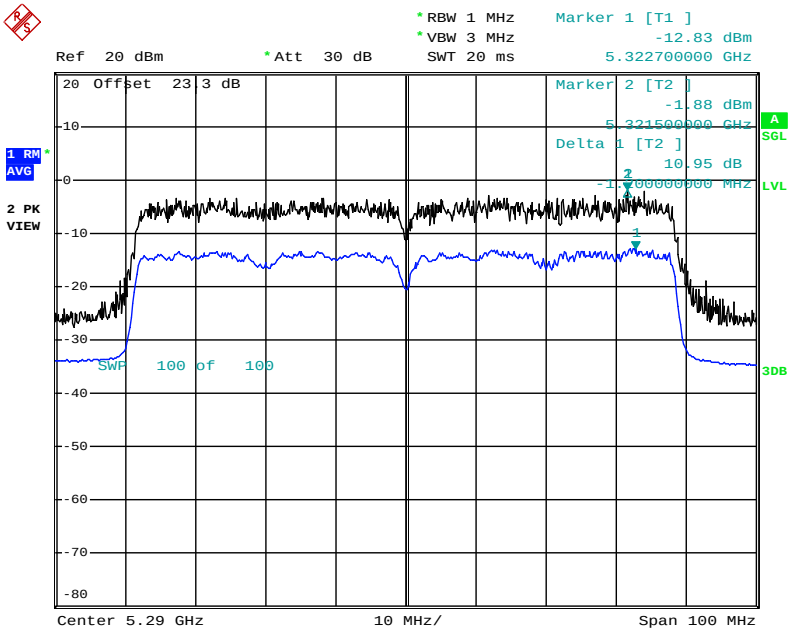
Date: 28.MAY.2013 11:00:06

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5550 MHz



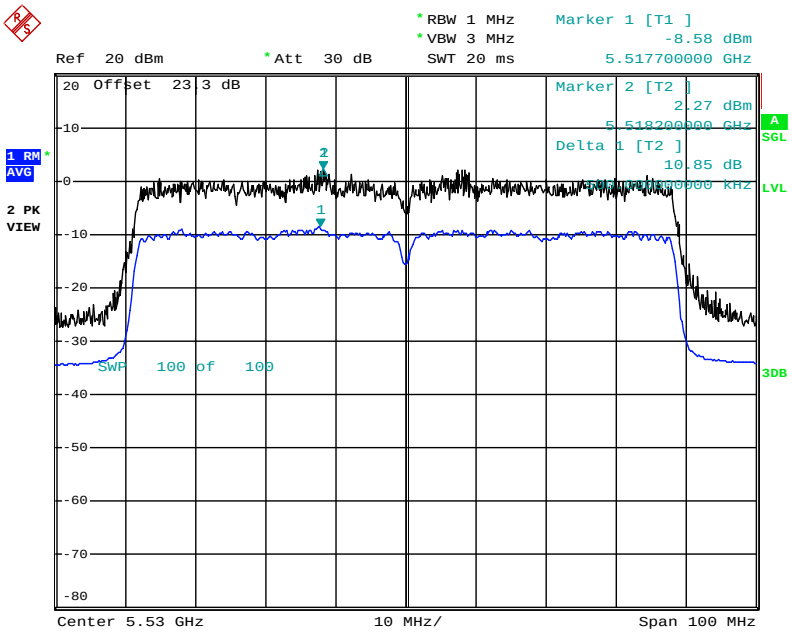
Date: 28.MAY.2013 08:41:30

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5290 MHz



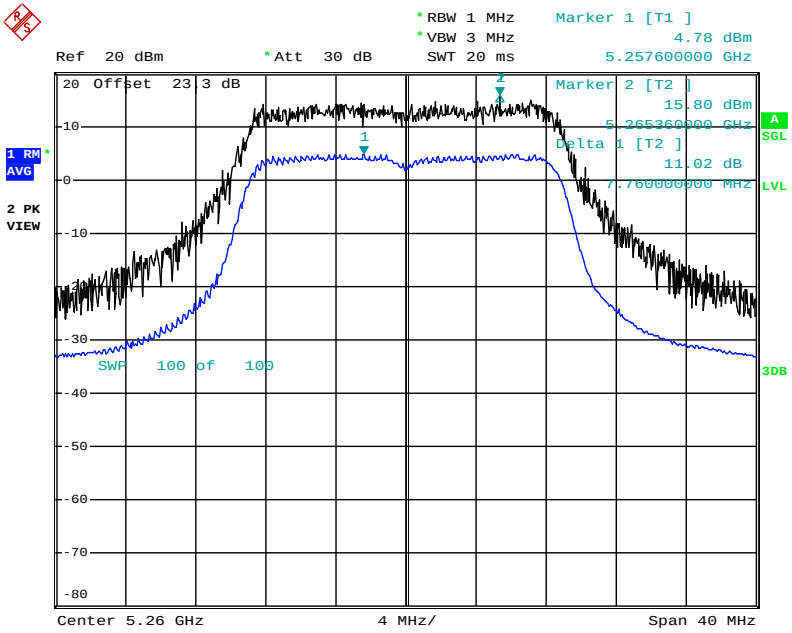
Date: 28.MAY.2013 11:35:54

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5530 MHz



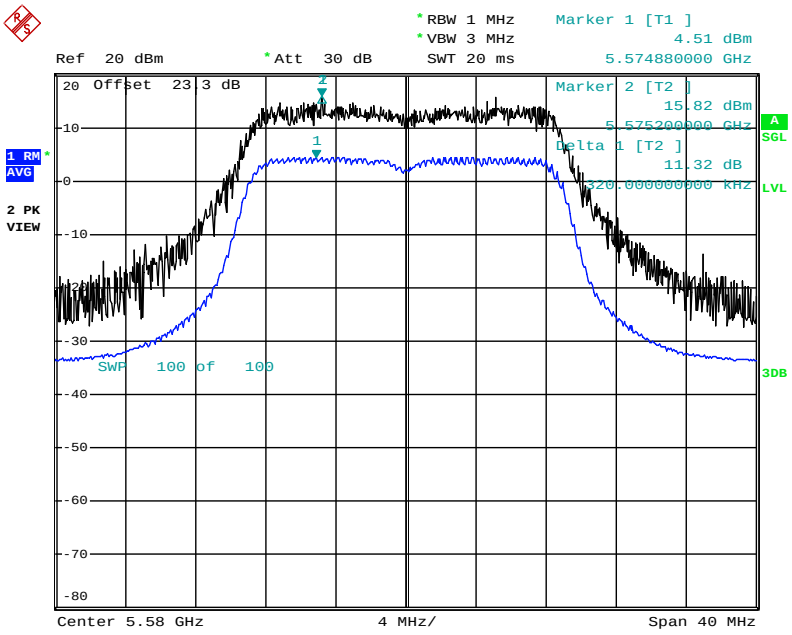
Date: 28.MAY.2013 11:14:31

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5260 MHz



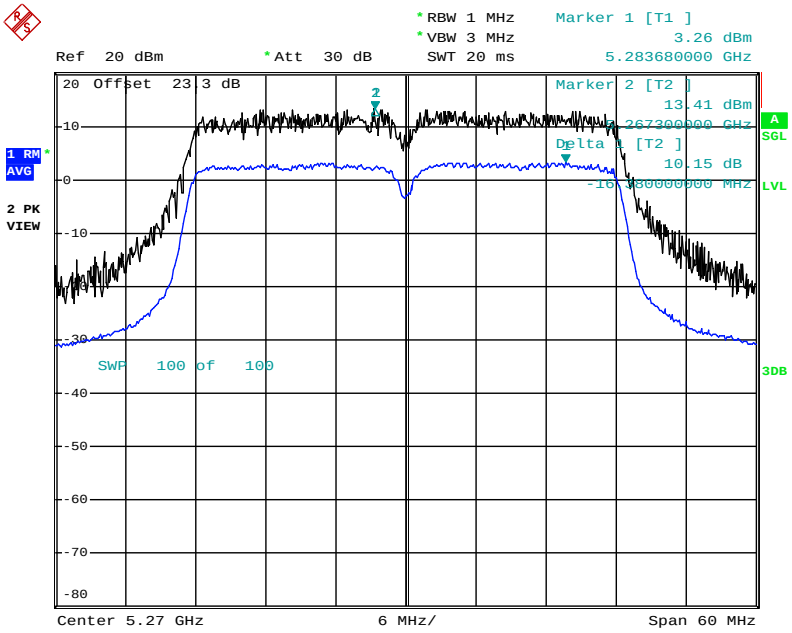
Date: 28.MAY.2013 12:48:15

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



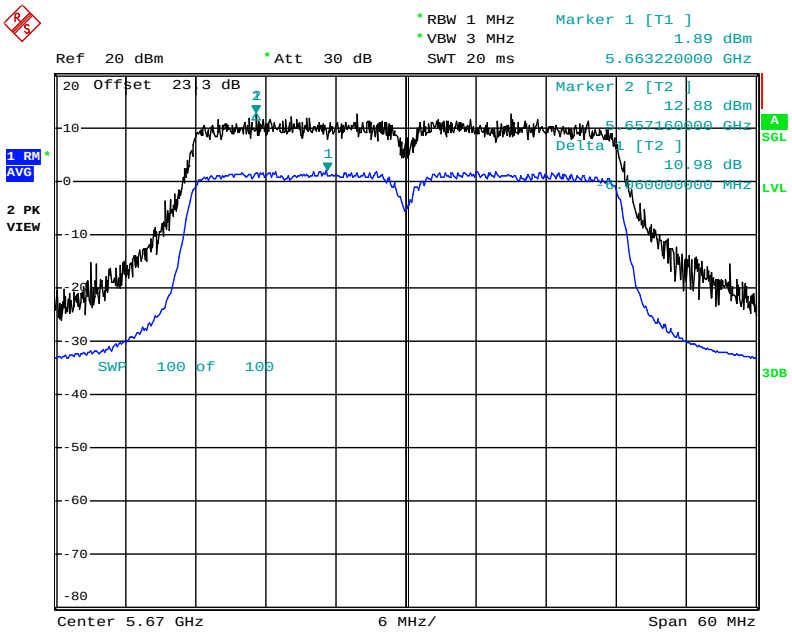
Date: 28.MAY.2013 12:55:09

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5270 MHz



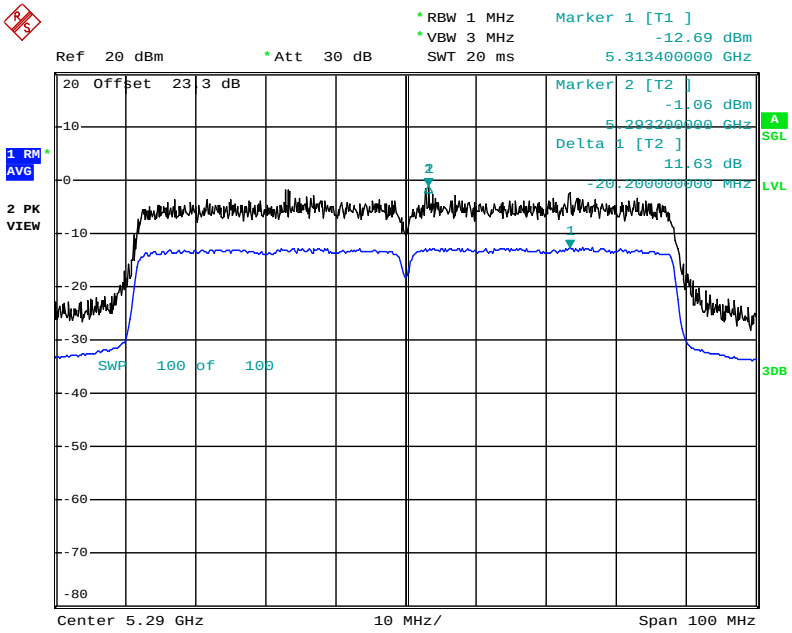
Date: 28.MAY.2013 13:13:57

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5670 MHz



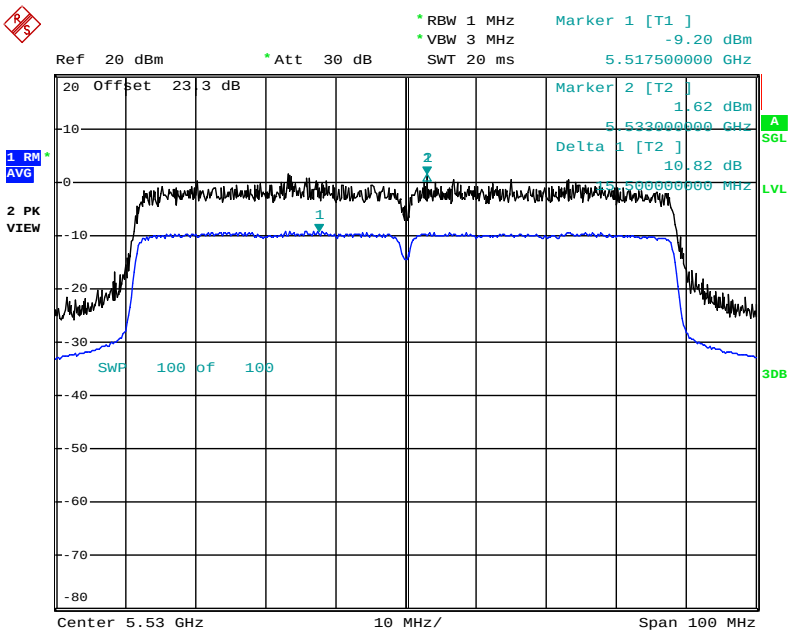
Date: 28.MAY.2013 13:02:31

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5290 MHz



Date: 28.MAY.2013 13:51:13

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5530 MHz

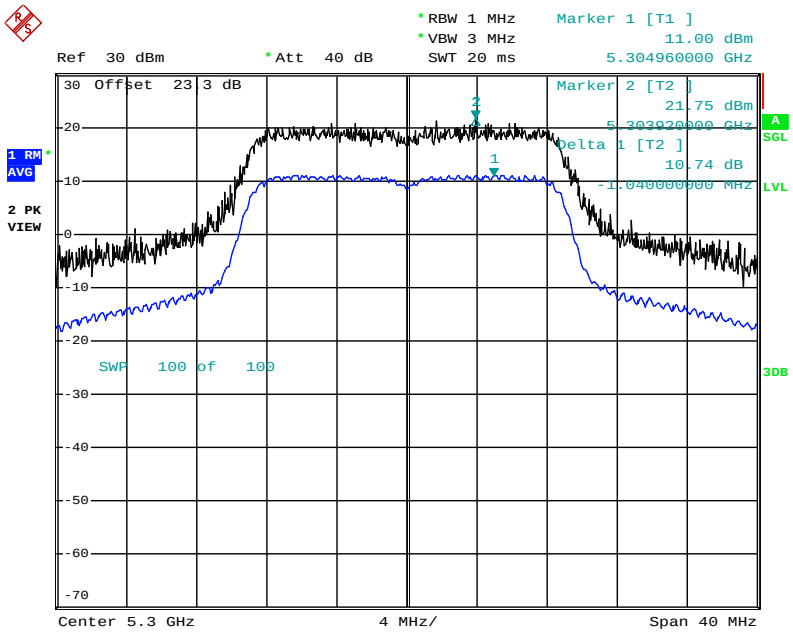


Date: 28.MAY.2013 14:17:42

Mode 4 (Ant.5 Patch antenna / 2.3dBi)

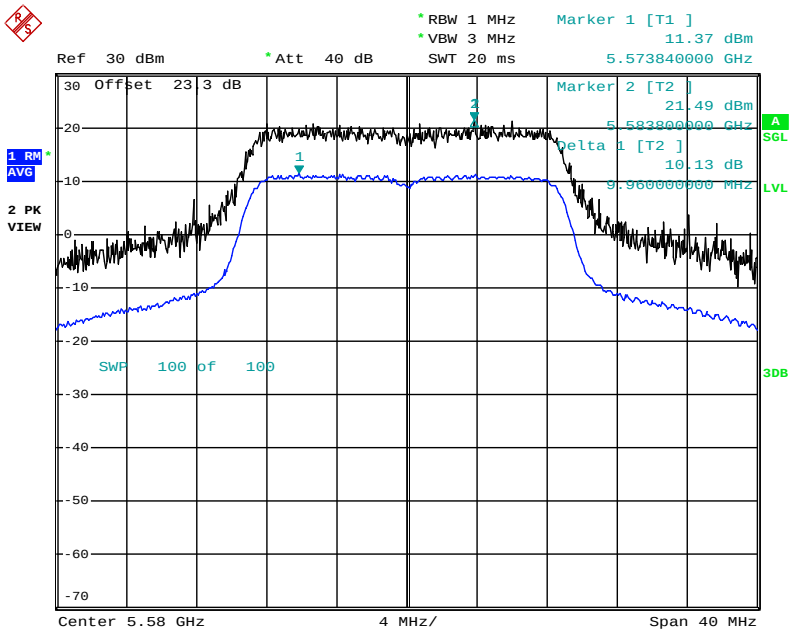
1TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 256QAM(MCS8) / 5300 MHz



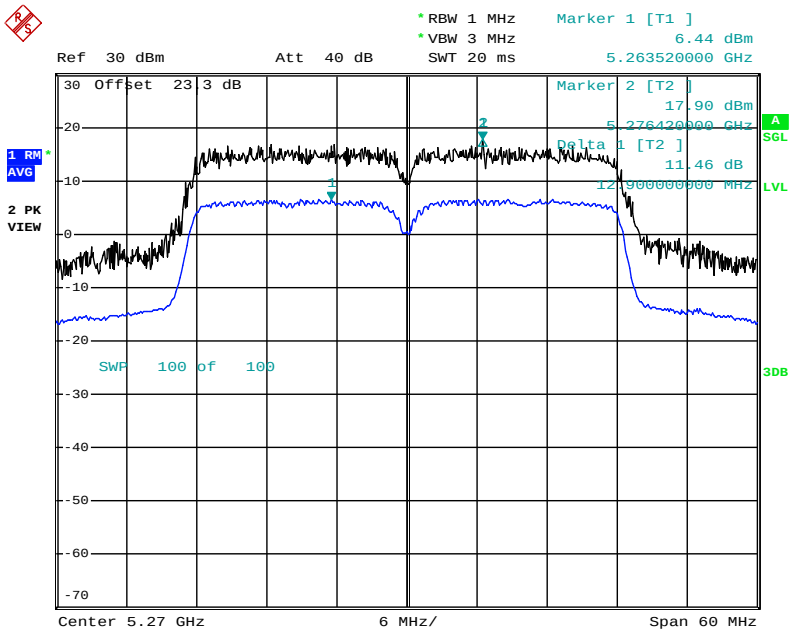
Date: 24.MAY.2013 23:25:58

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 256QAM(MCS8) / 5580 MHz



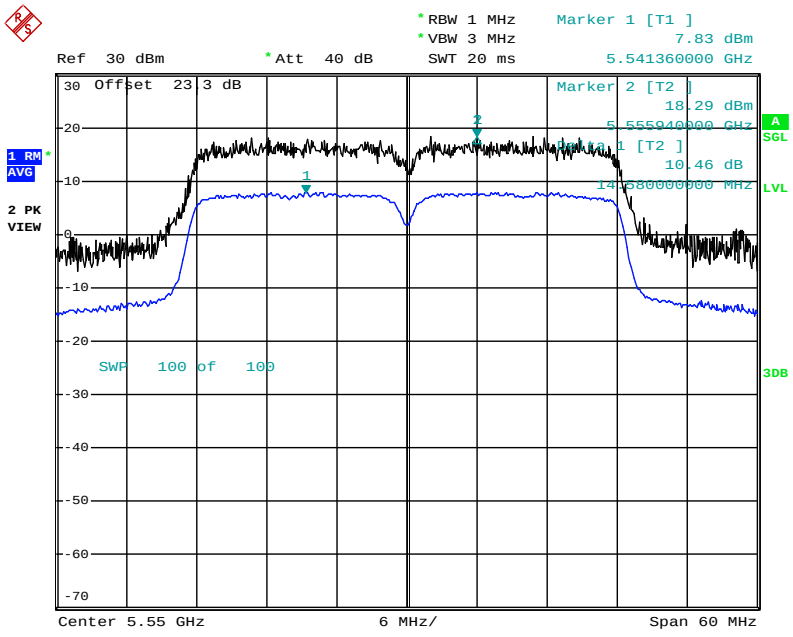
Date: 24.MAY.2013 23:35:03

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 256QAM(MCS8) / 5270 MHz



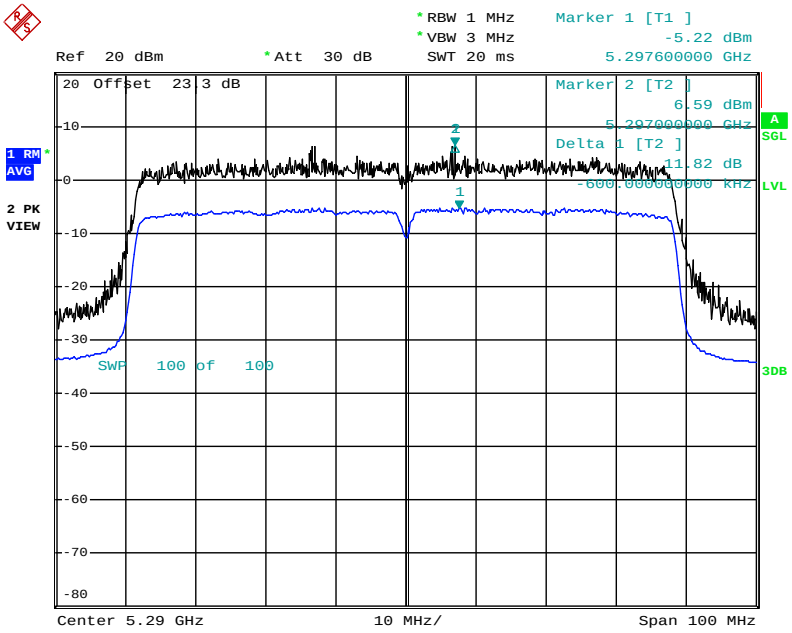
Date: 21.MAY.2013 12:38:21

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 4QAM(MCS5) / 5550 MHz



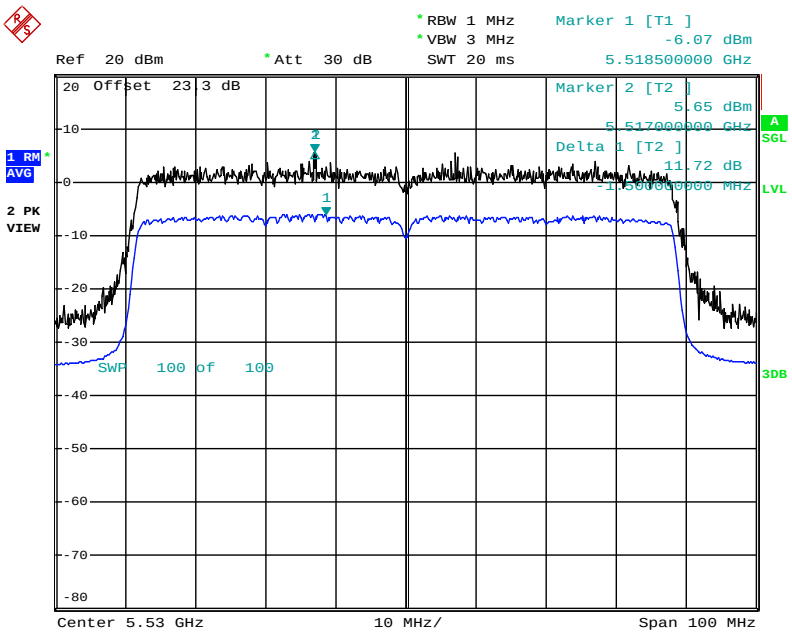
Date: 24.MAY.2013 23:46:42

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5290 MHz



Date: 25.MAY.2013 00:29:25

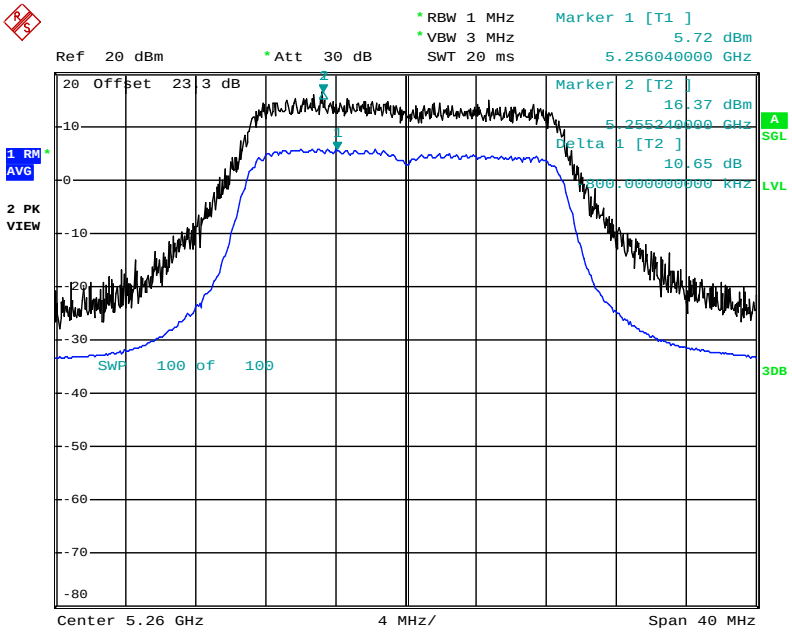
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5530 MHz



Date: 25.MAY.2013 00:33:27

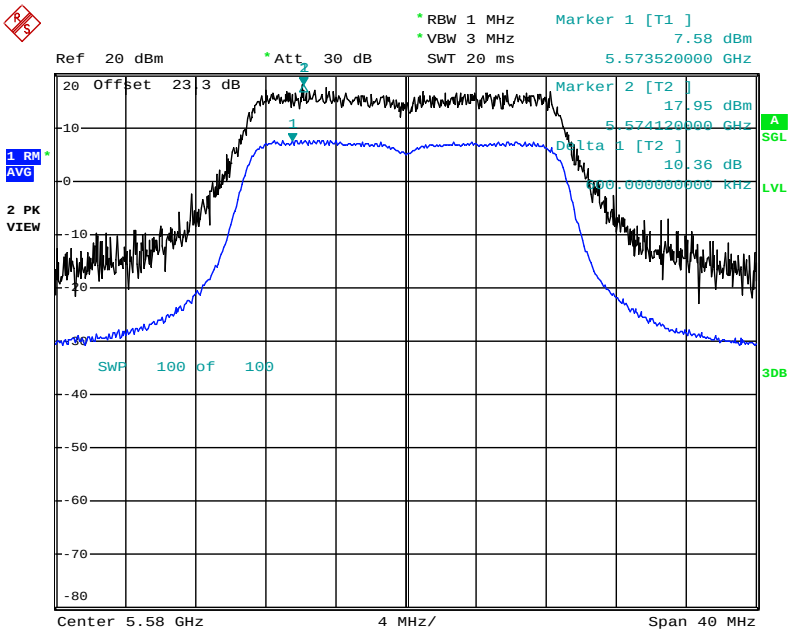
2TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5260 MHz



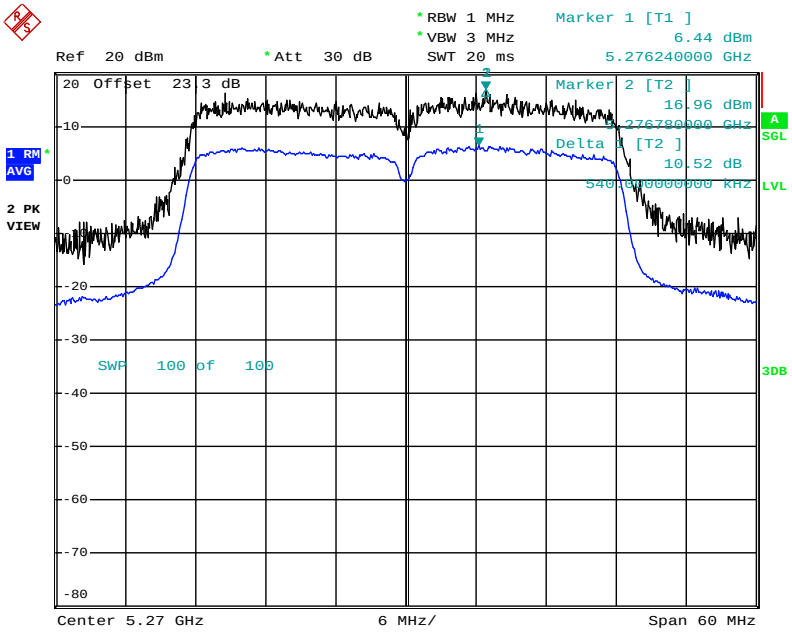
Date: 25.MAY.2013 07:40:11

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



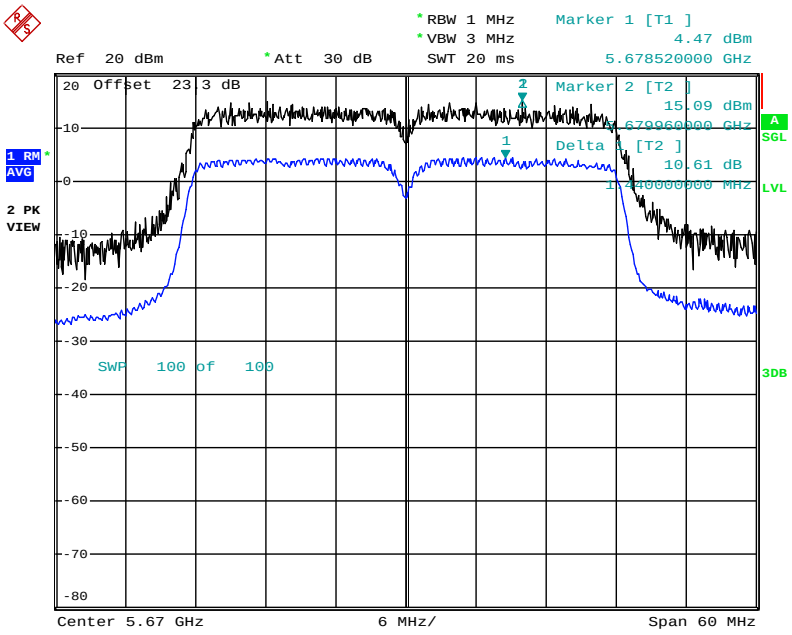
Date: 25.MAY.2013 07:56:02

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



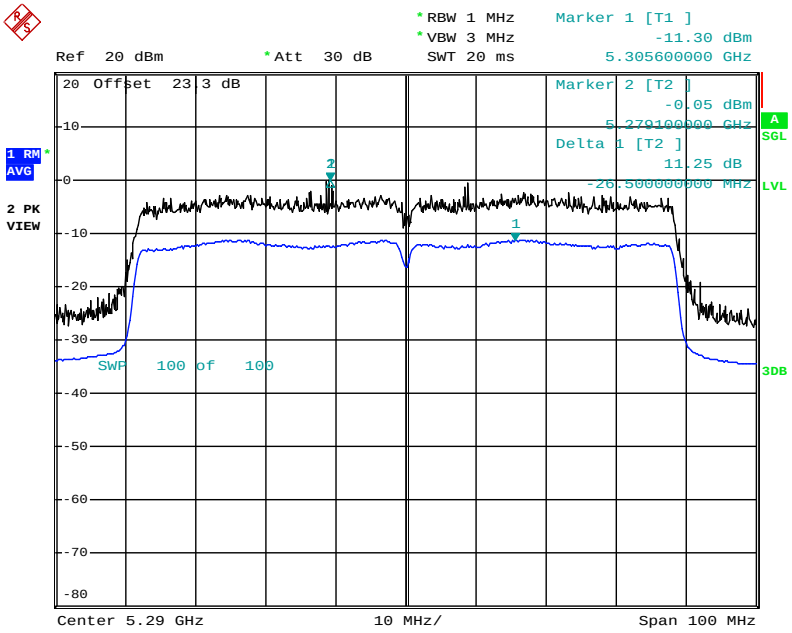
Date: 25.MAY.2013 09:47:47

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5670 MHz



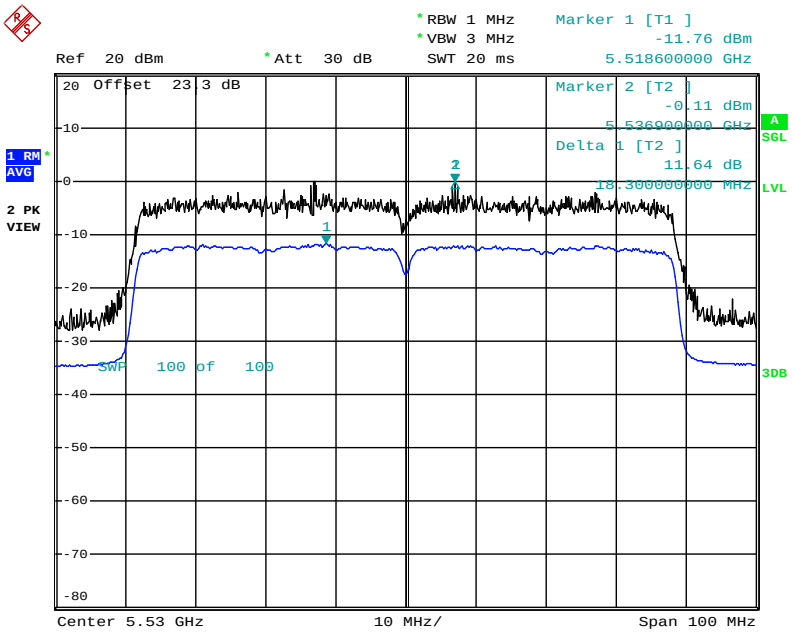
Date: 25.MAY.2013 09:19:12

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / QPSK(MCS1) / 5290 MHz



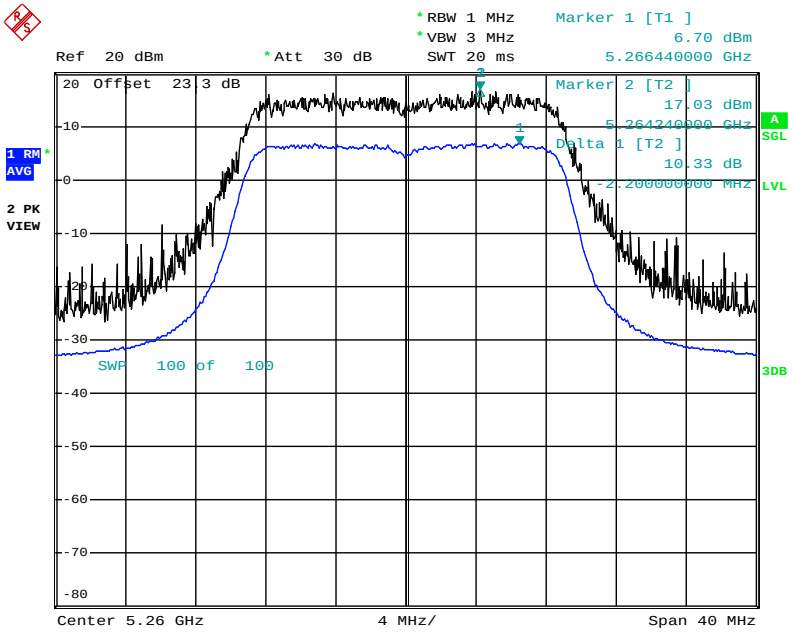
Date: 25.MAY.2013 10:10:11

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



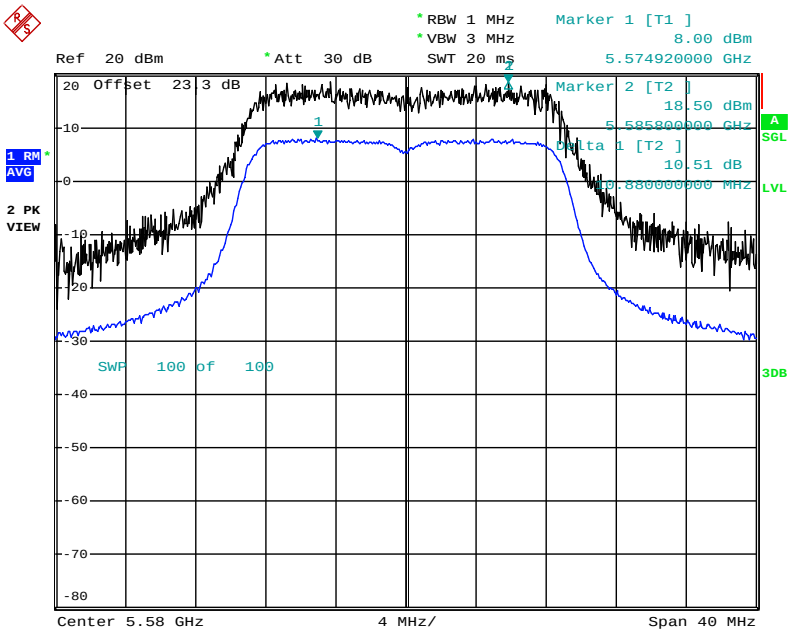
Date: 25.MAY.2013 10:05:57

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5260 MHz



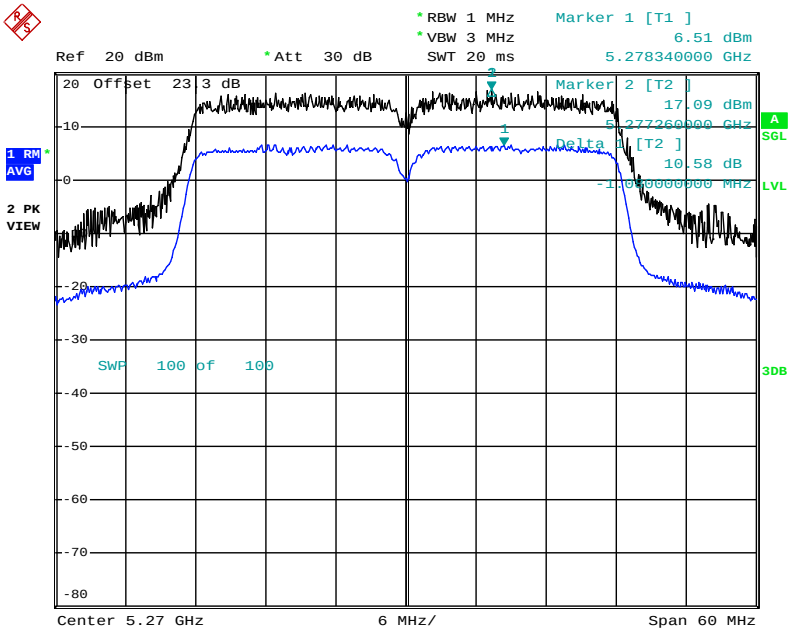
Date: 27.MAY.2013 07:52:40

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



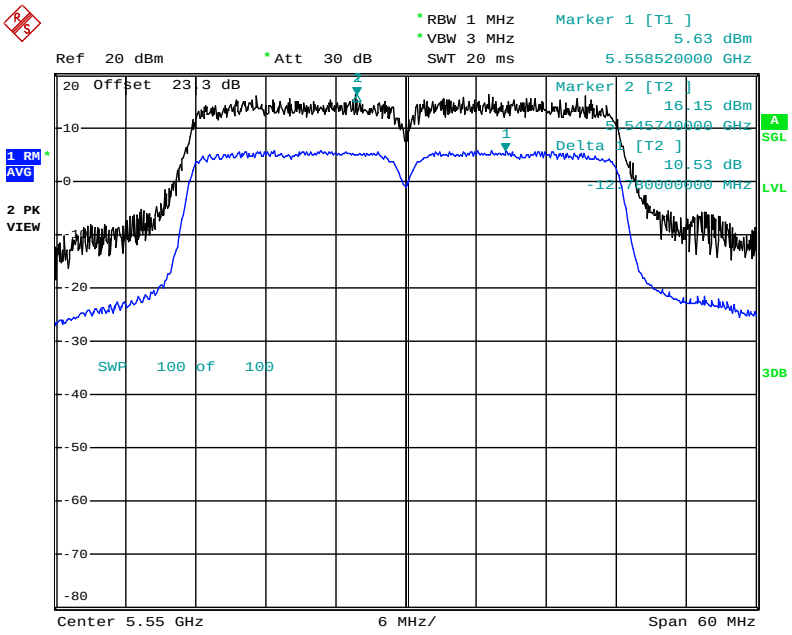
Date: 27.MAY.2013 08:11:56

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



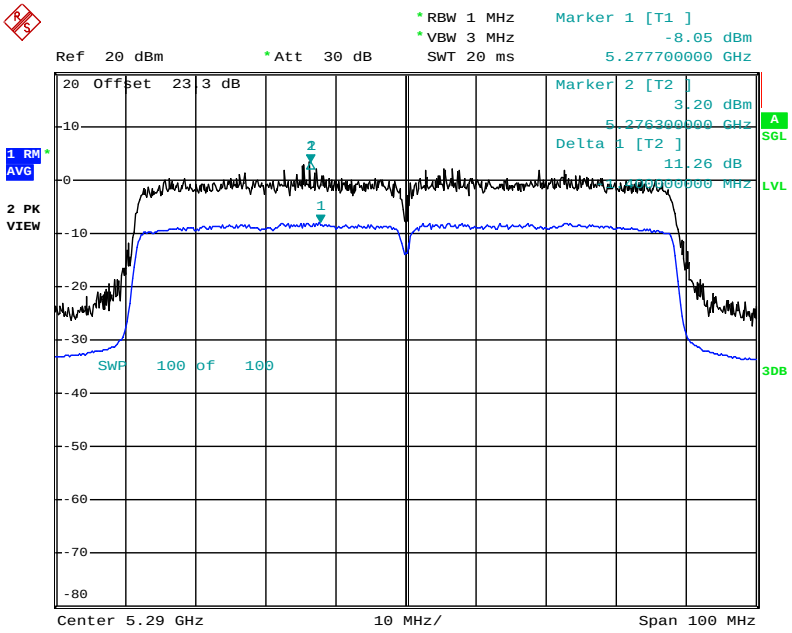
Date: 27.MAY.2013 08:54:28

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5550 MHz



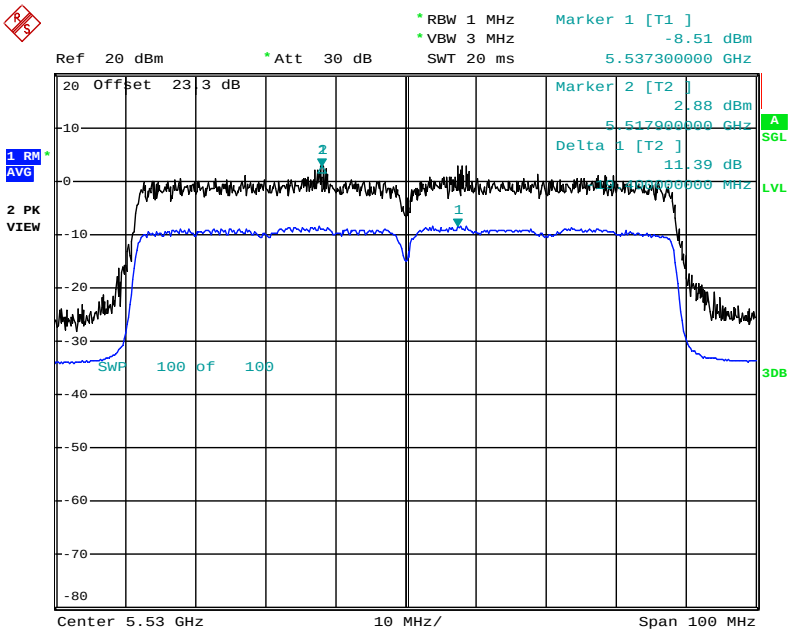
Date: 27.MAY.2013 08:19:45

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / QPSK(MCS1) / 5290 MHz



Date: 27.MAY.2013 09:04:26

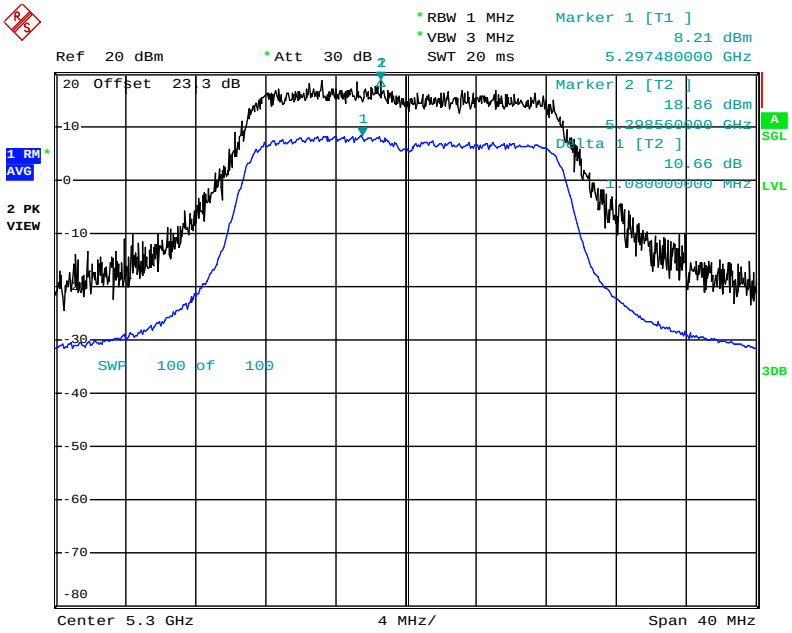
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



Date: 27.MAY.2013 09:24:23

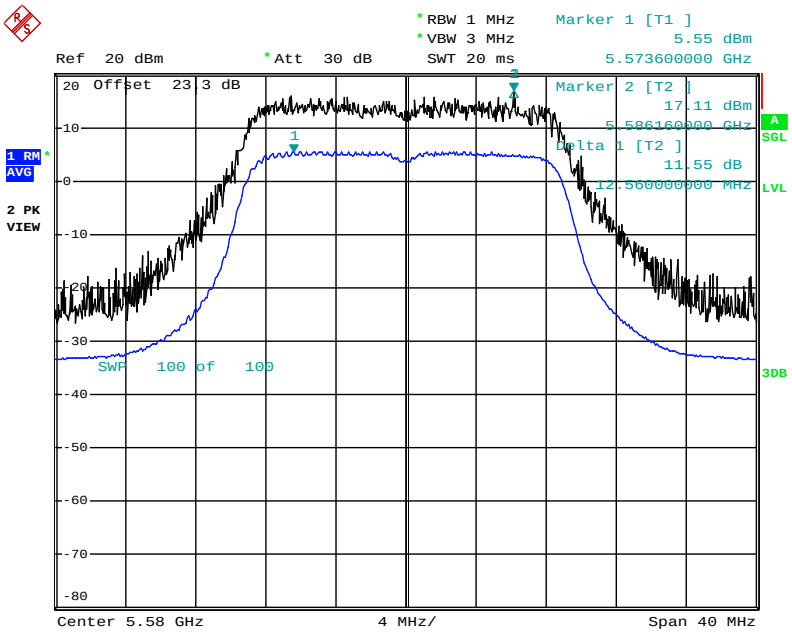
3TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5300 MHz



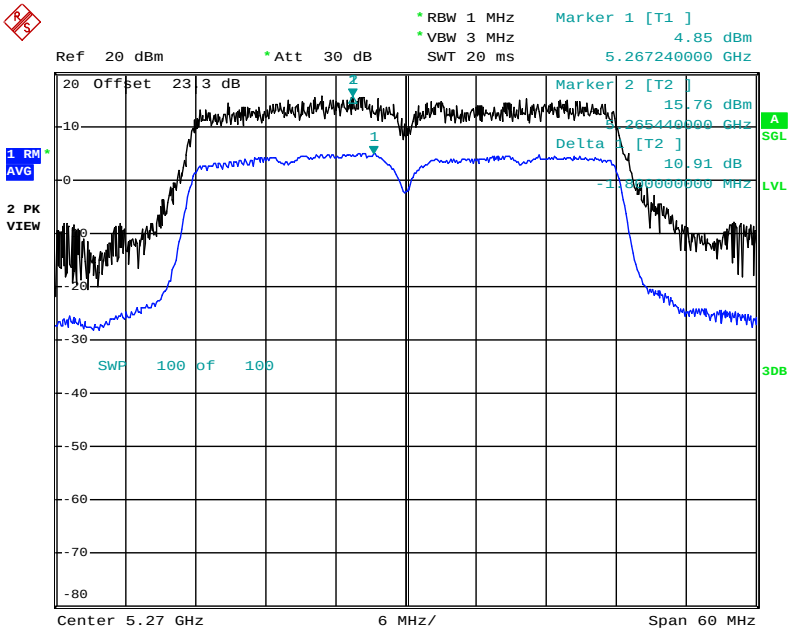
Date: 28.MAY.2013 00:29:13

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



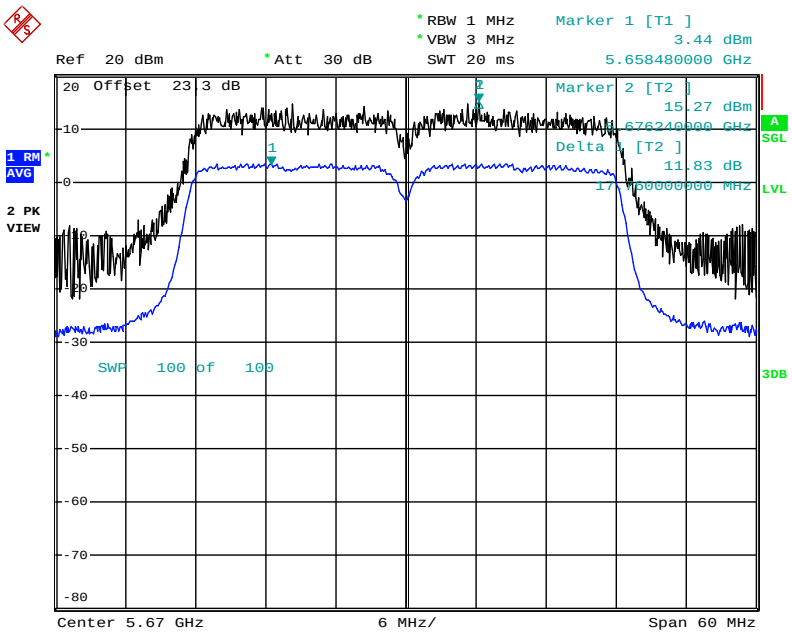
Date: 28.MAY.2013 00:42:16

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



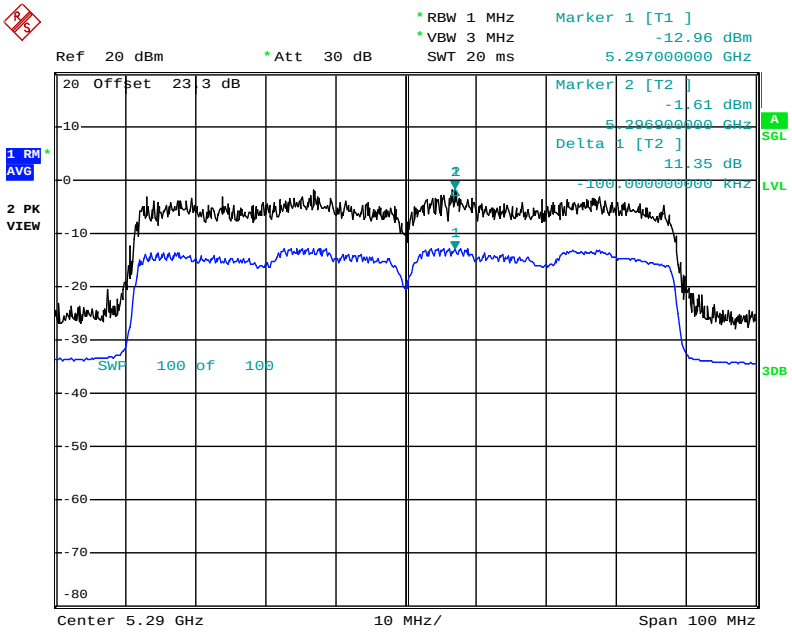
Date: 28.MAY.2013 01:07:59

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5670 MHz



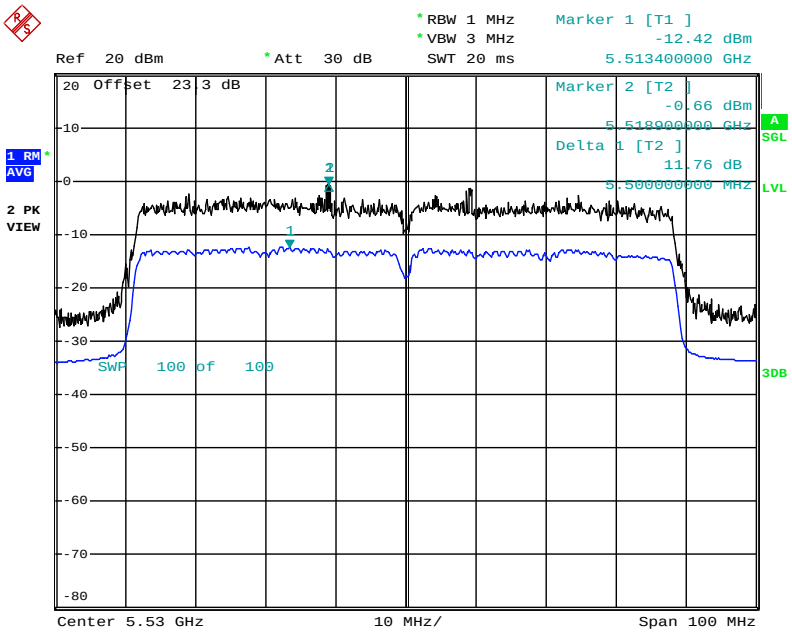
Date: 28.MAY.2013 00:59:42

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



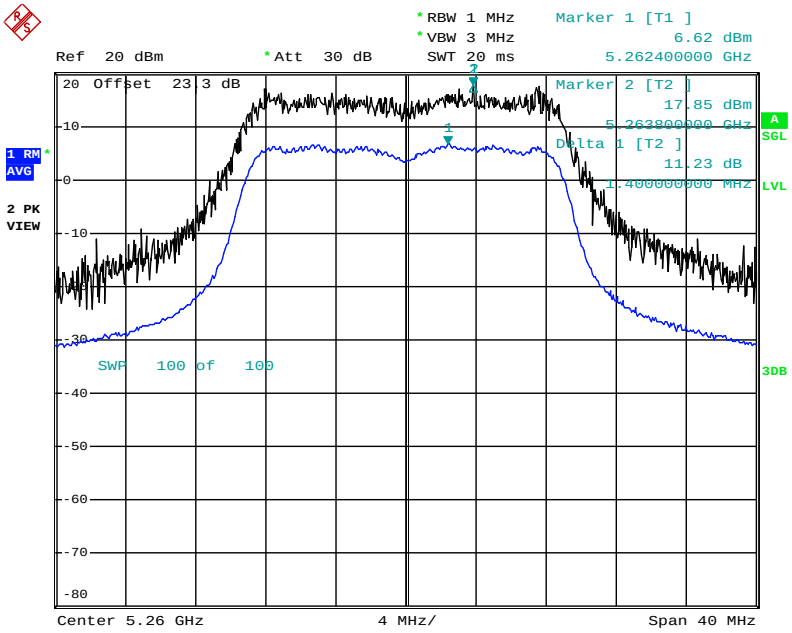
Date: 28.MAY.2013 01:17:13

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5530 MHz



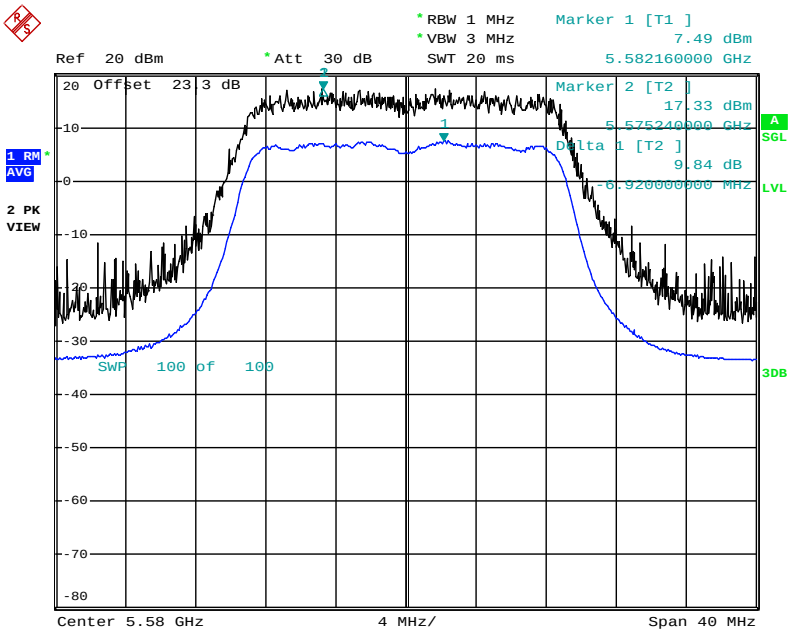
Date: 28.MAY.2013 01:34:21

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5260 MHz



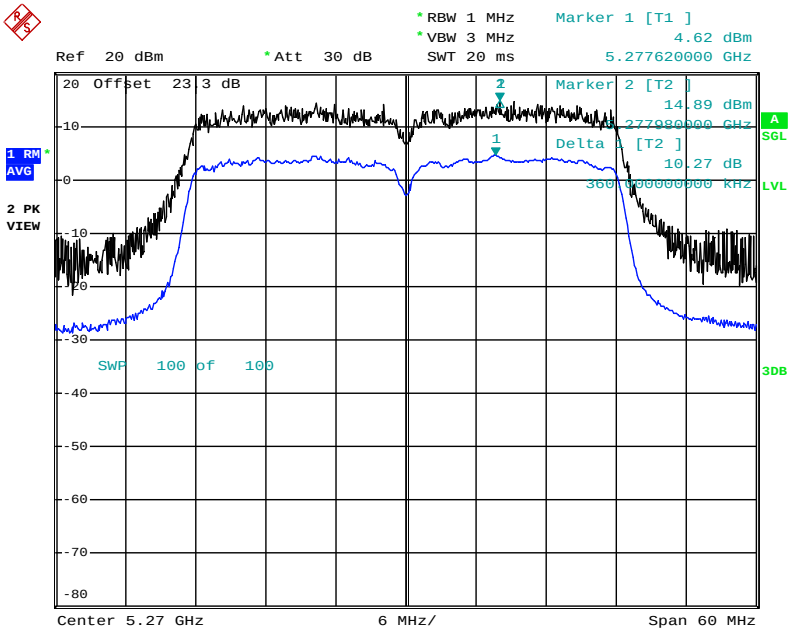
Date: 28.MAY.2013 08:14:32

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5580 MHz



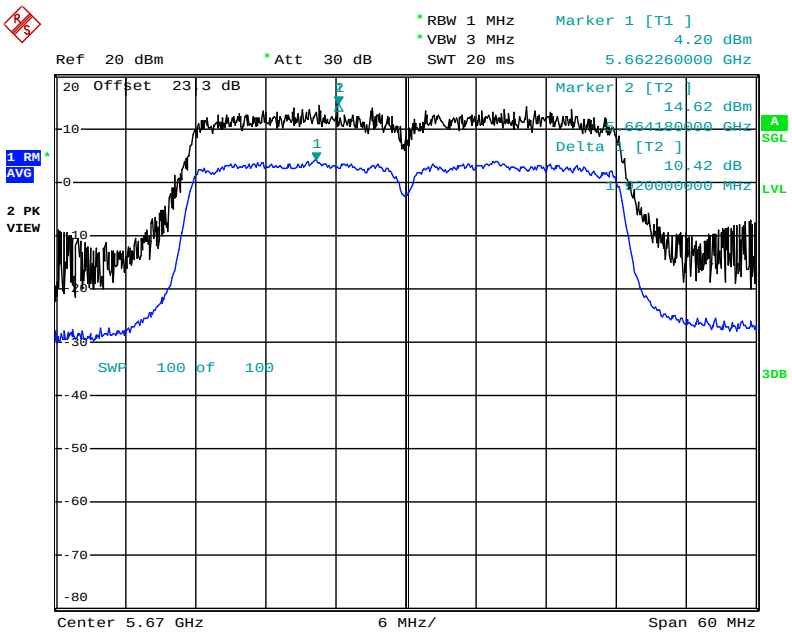
Date: 28.MAY.2013 08:26:50

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5270 MHz



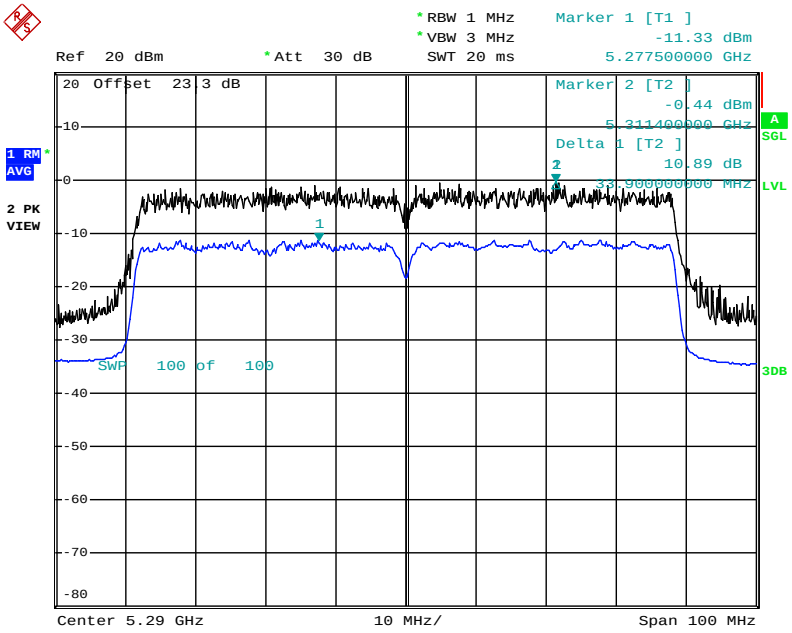
Date: 28.MAY.2013 11:02:33

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5670 MHz



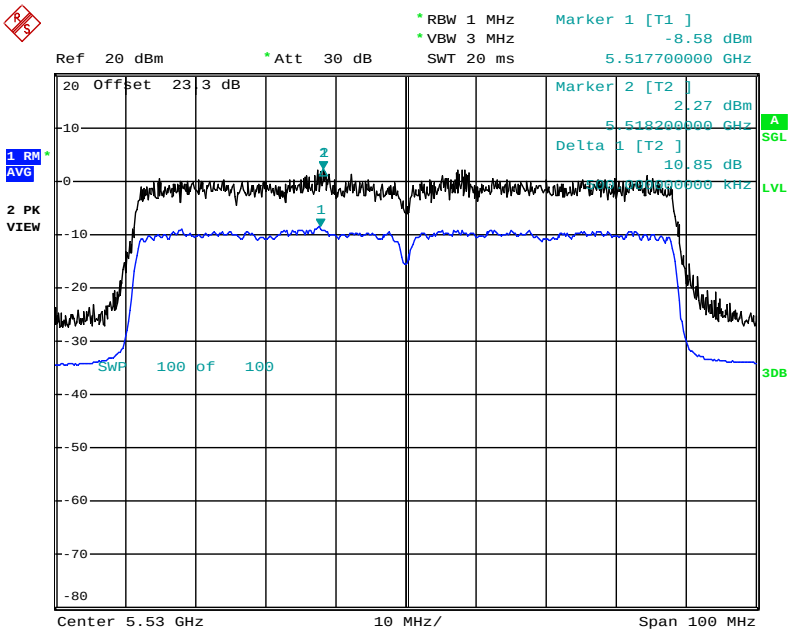
Date: 28.MAY.2013 08:39:17

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5290 MHz



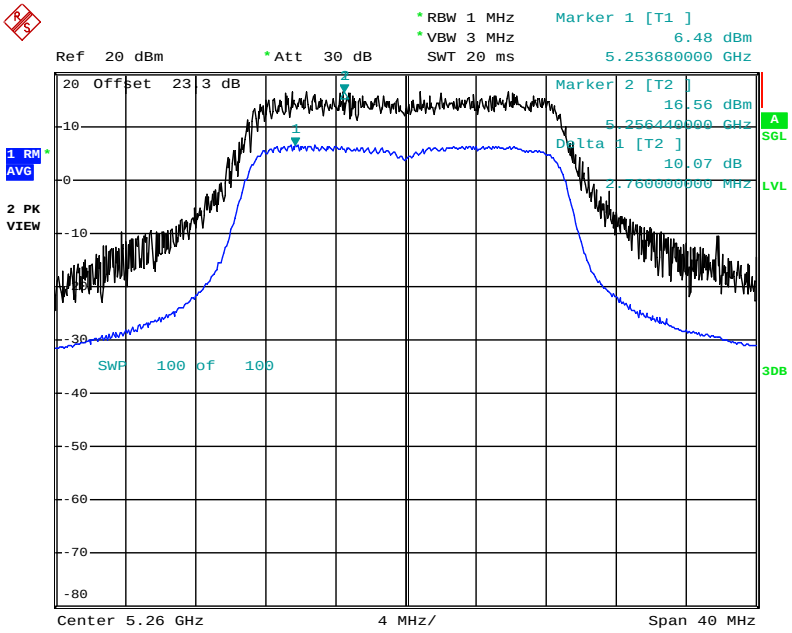
Date: 28.MAY.2013 11:18:39

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5530 MHz



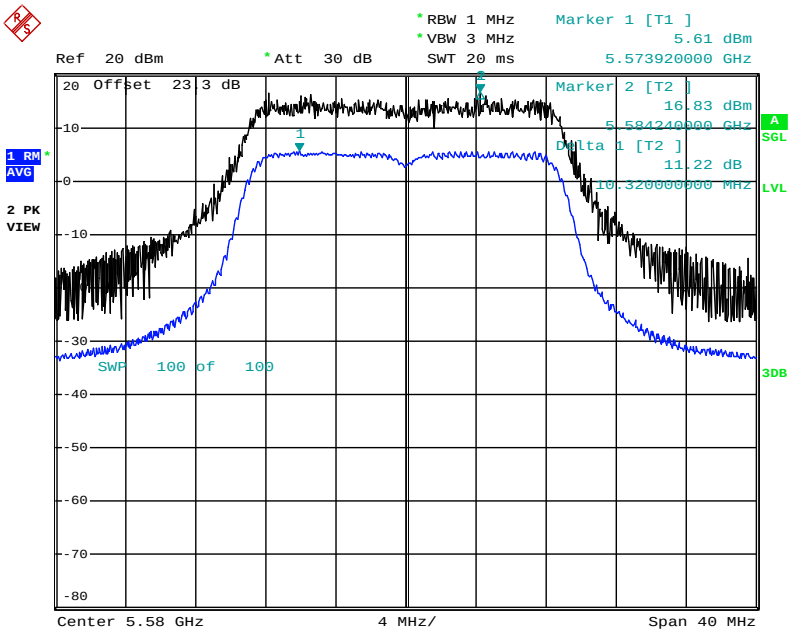
Date: 28.MAY.2013 11:14:31

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5260 MHz



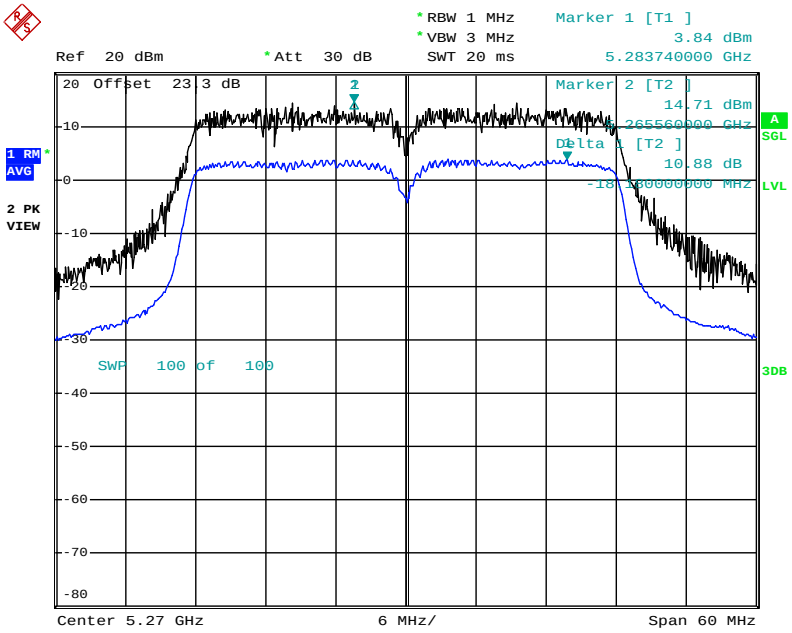
Date: 28.MAY.2013 12:49:53

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



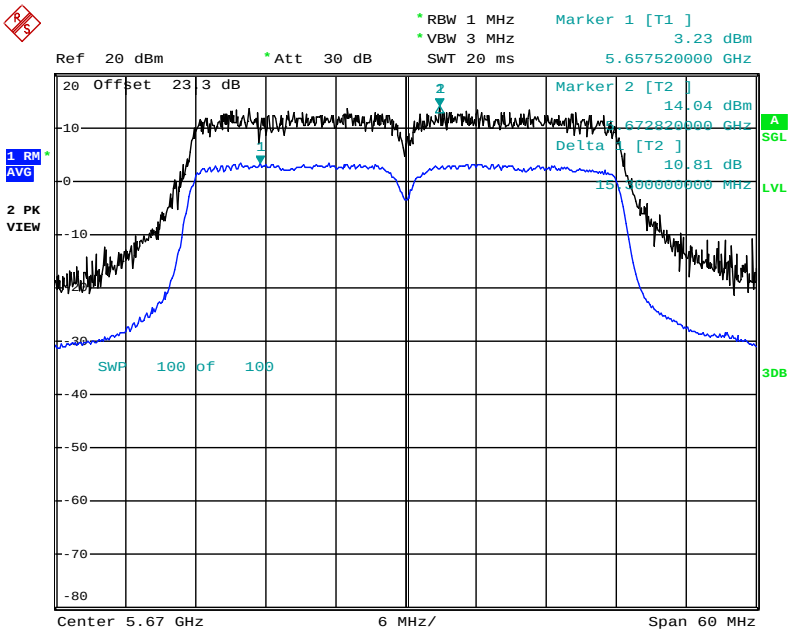
Date: 28.MAY.2013 12:54:25

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



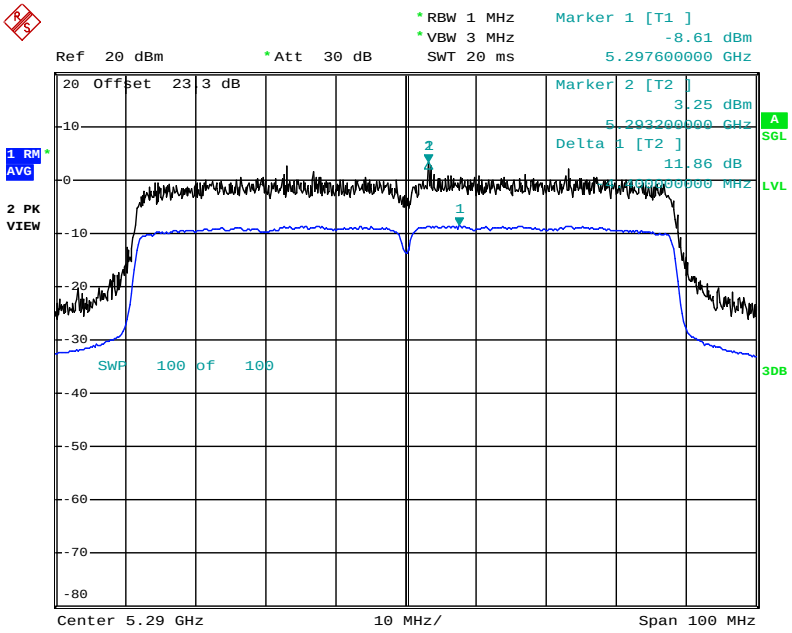
Date: 28.MAY.2013 13:08:36

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5670 MHz



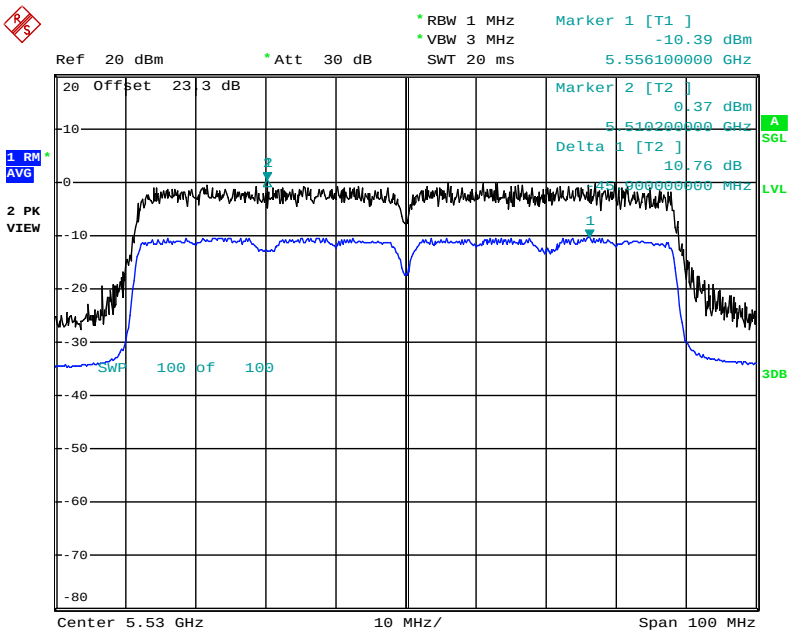
Date: 28.MAY.2013 13:06:14

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5290 MHz



Date: 28.MAY.2013 13:51:45

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5530 MHz

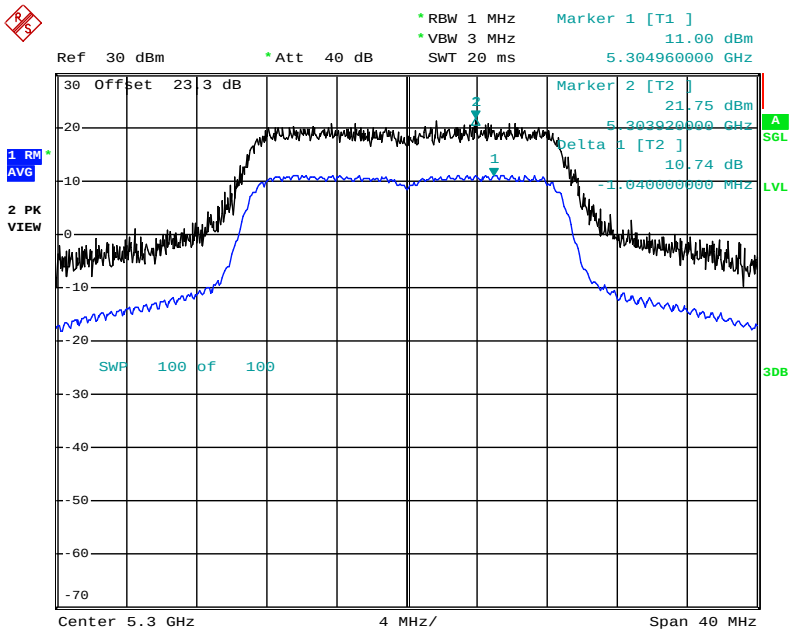


Date: 28.MAY.2013 14:15:18

Mode 5 (Ant.6 Facade antenna / 2.5dBi)

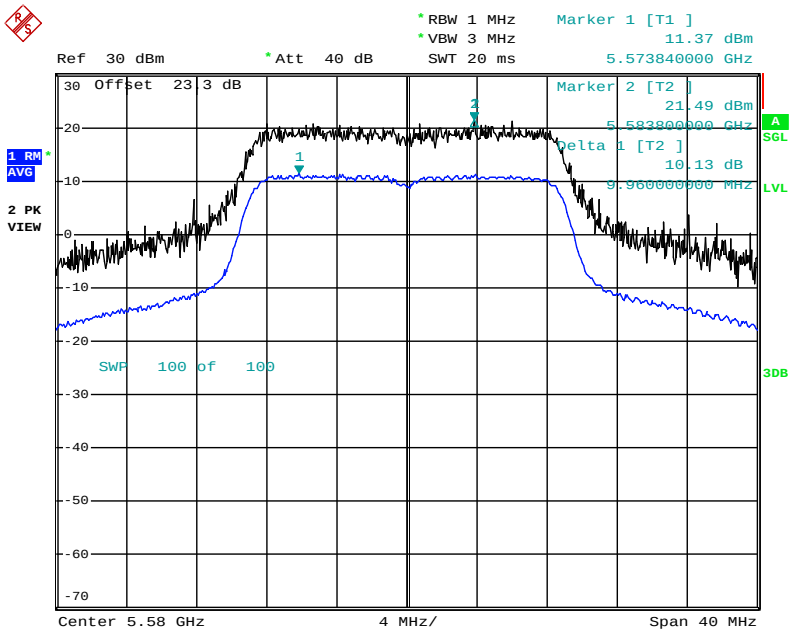
1TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 256QAM(MCS8) / 5300 MHz



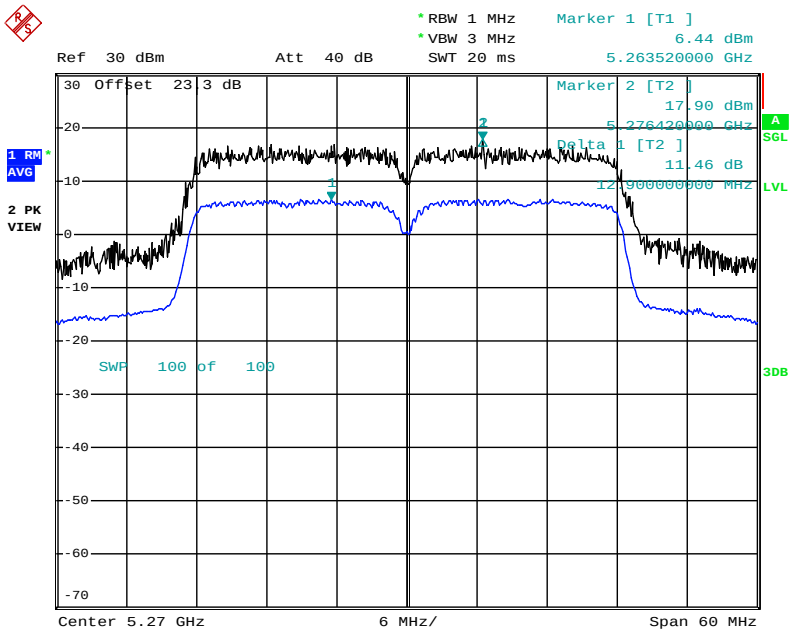
Date: 24.MAY.2013 23:25:58

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 256QAM(MCS8) / 5580 MHz



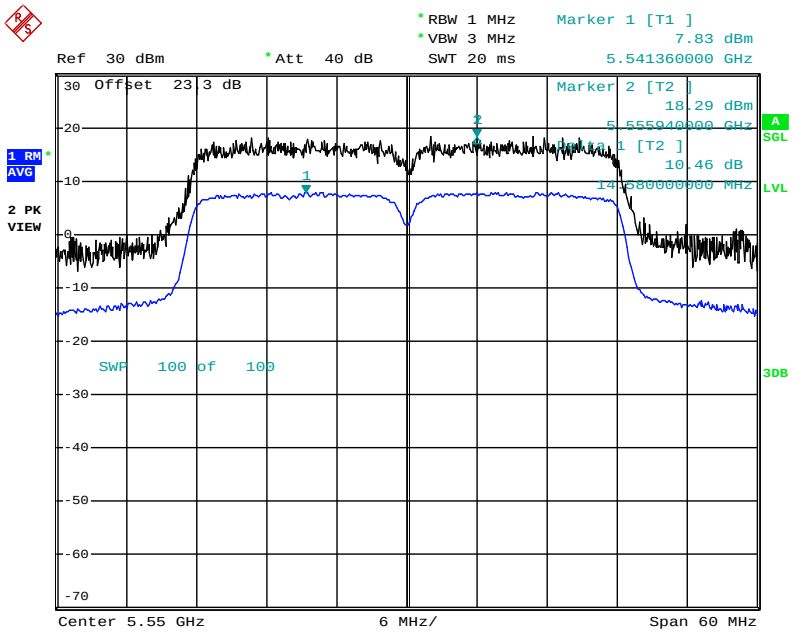
Date: 24.MAY.2013 23:35:03

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 256QAM(MCS8) / 5270 MHz



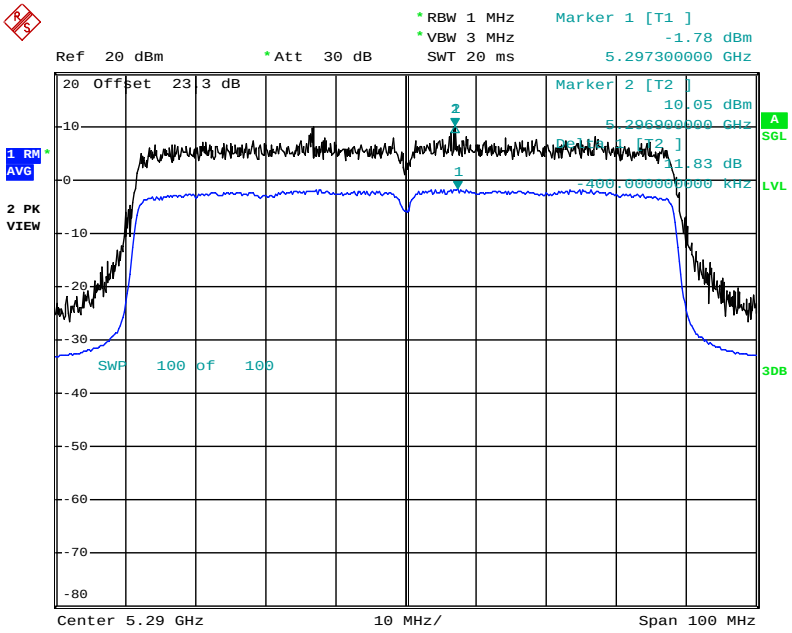
Date: 21.MAY.2013 12:38:21

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 64QAM(MCS5) / 5550 MHz



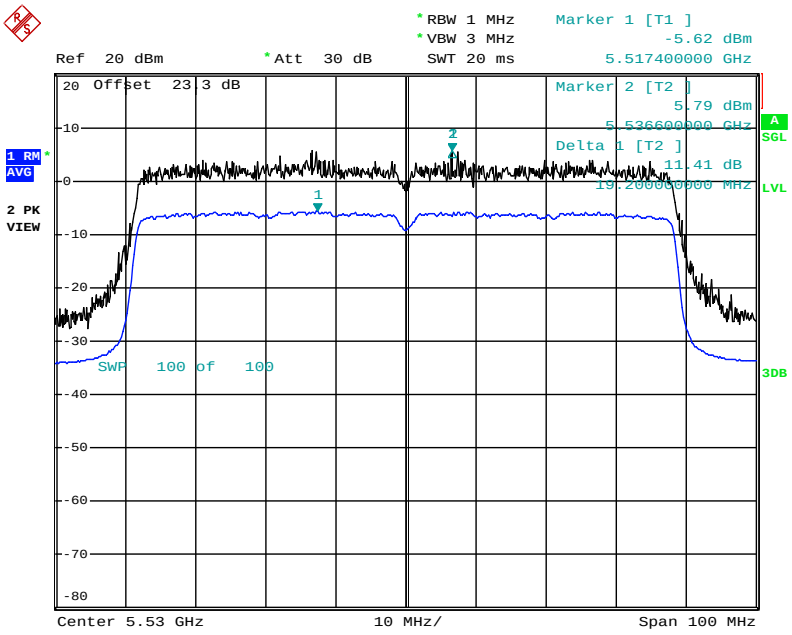
Date: 24.MAY.2013 23:46:42

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5290 MHz



Date: 25.MAY.2013 00:26:01

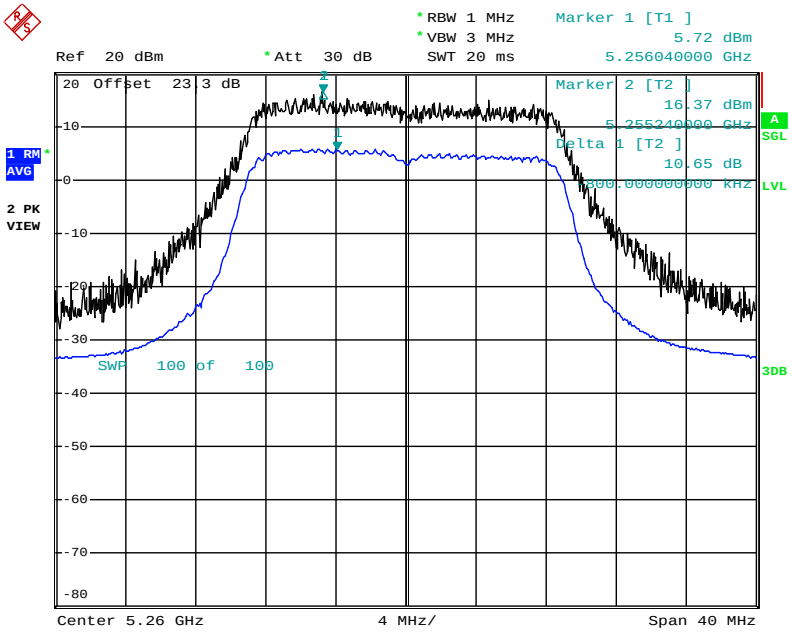
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 16QAM(MCS3) / 5530 MHz



Date: 25.MAY.2013 00:37:14

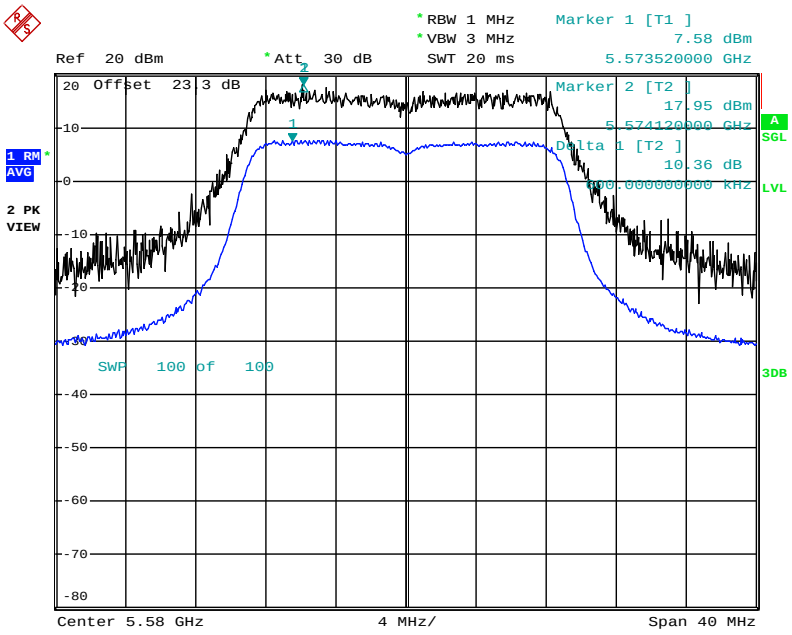
2TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5260 MHz



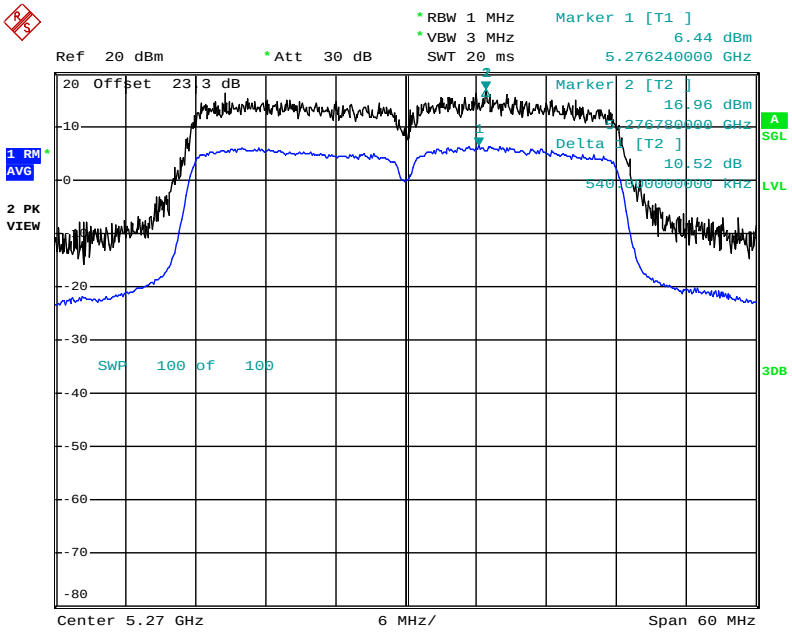
Date: 25.MAY.2013 07:40:11

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



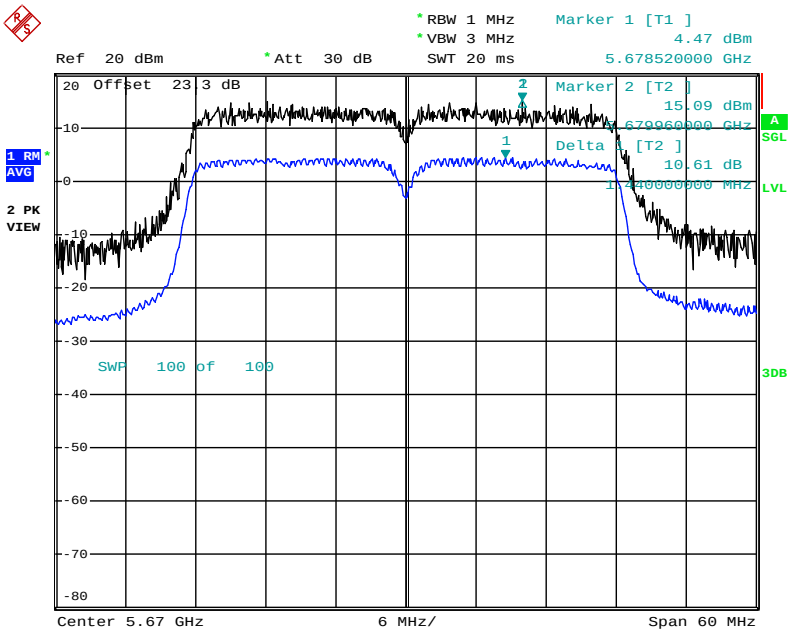
Date: 25.MAY.2013 07:56:02

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



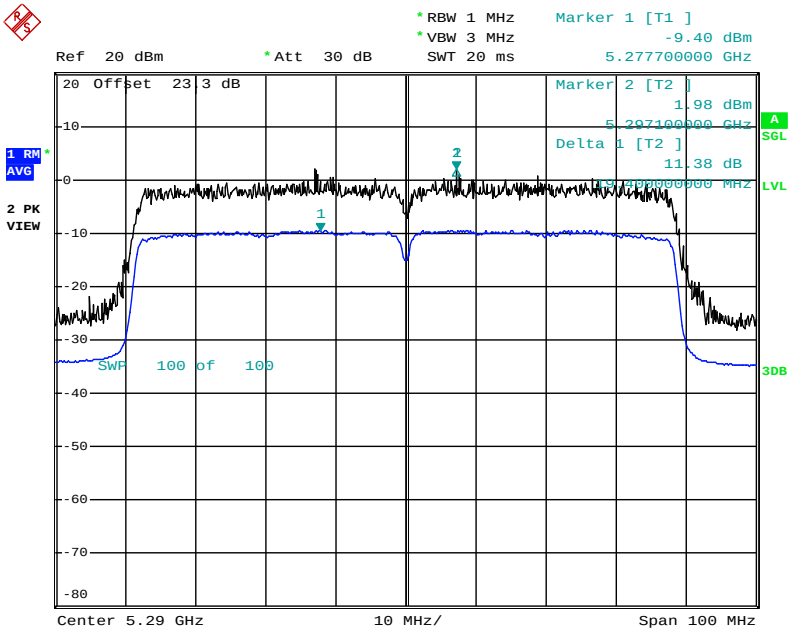
Date: 25.MAY.2013 09:47:47

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5670 MHz



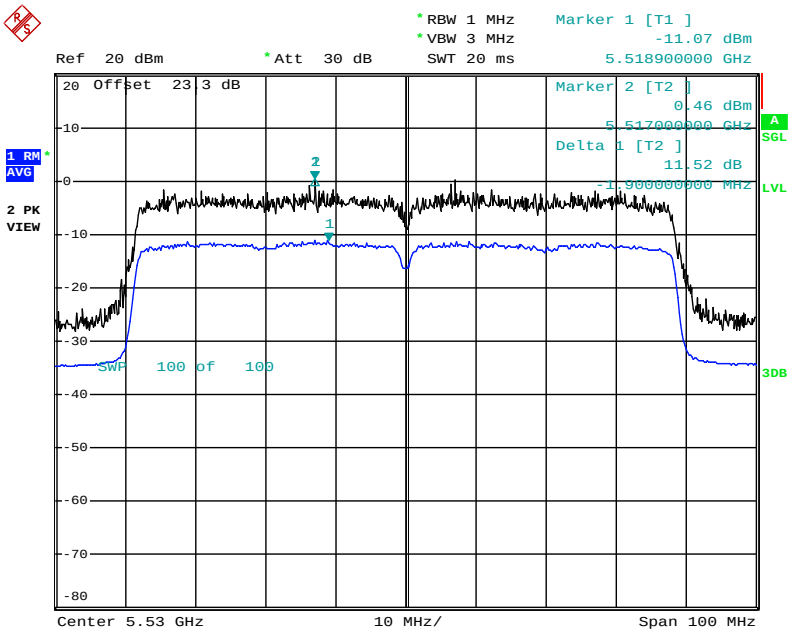
Date: 25.MAY.2013 09:19:12

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



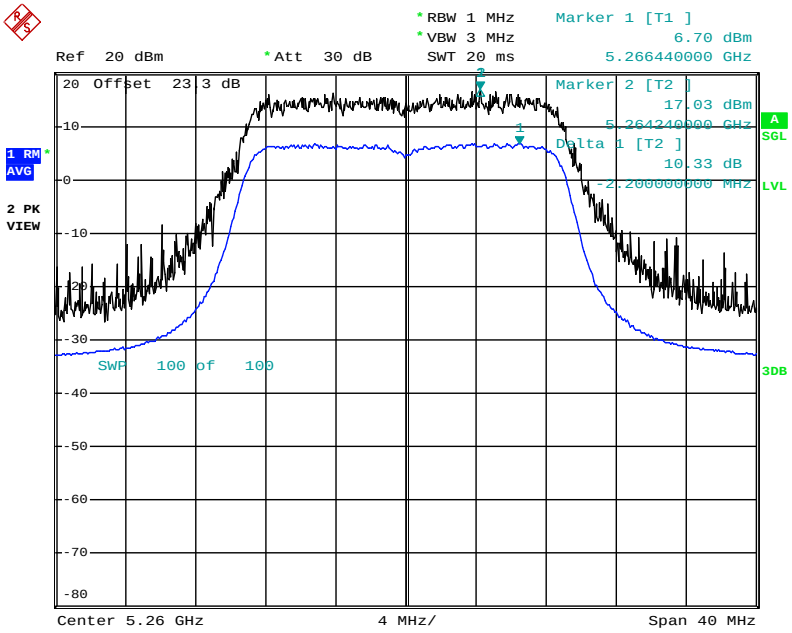
Date: 25.MAY.2013 09:59:06

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5530 MHz



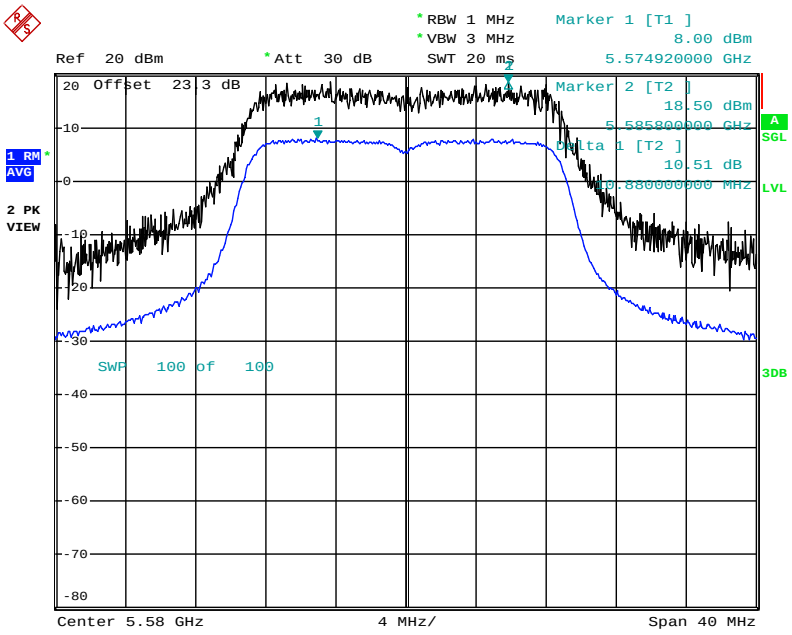
Date: 25.MAY.2013 10:02:46

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5260 MHz



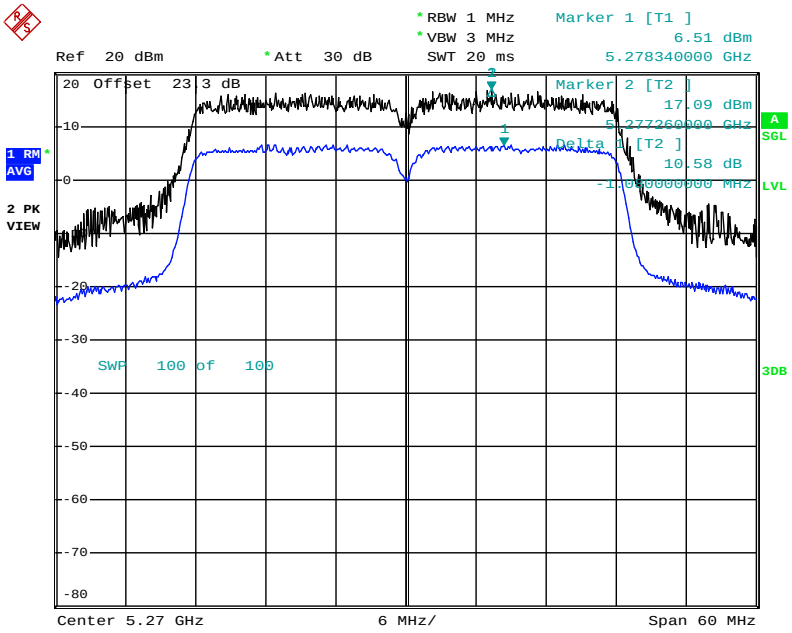
Date: 27.MAY.2013 07:52:40

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5580 MHz



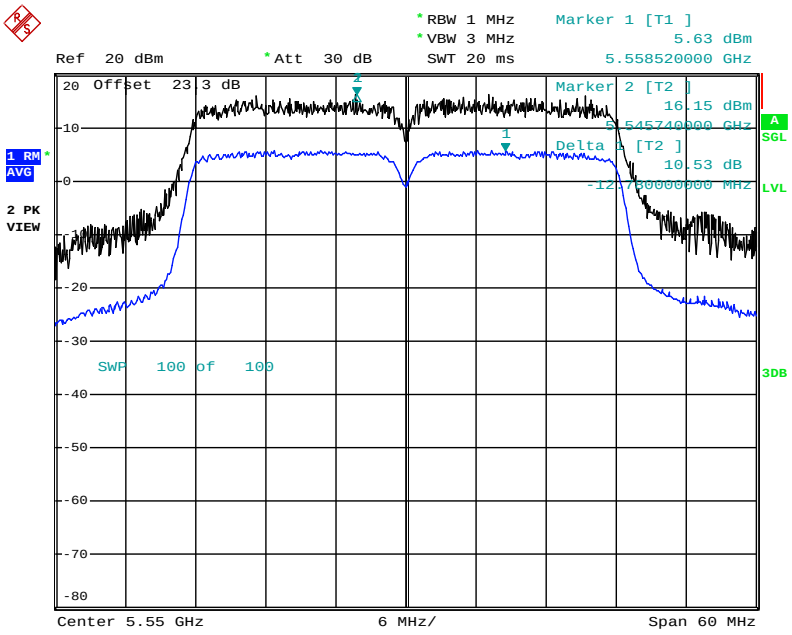
Date: 27.MAY.2013 08:11:56

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5270 MHz



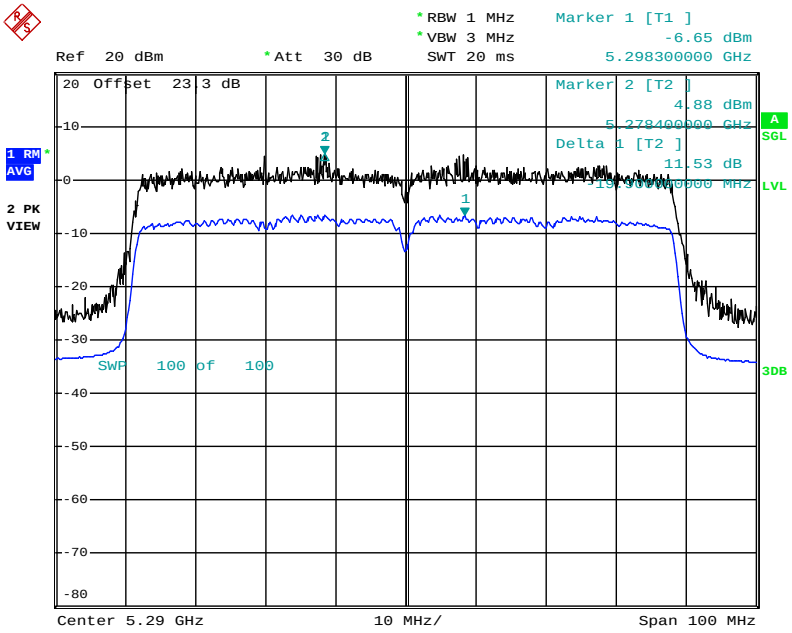
Date: 27.MAY.2013 08:54:28

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5550 MHz



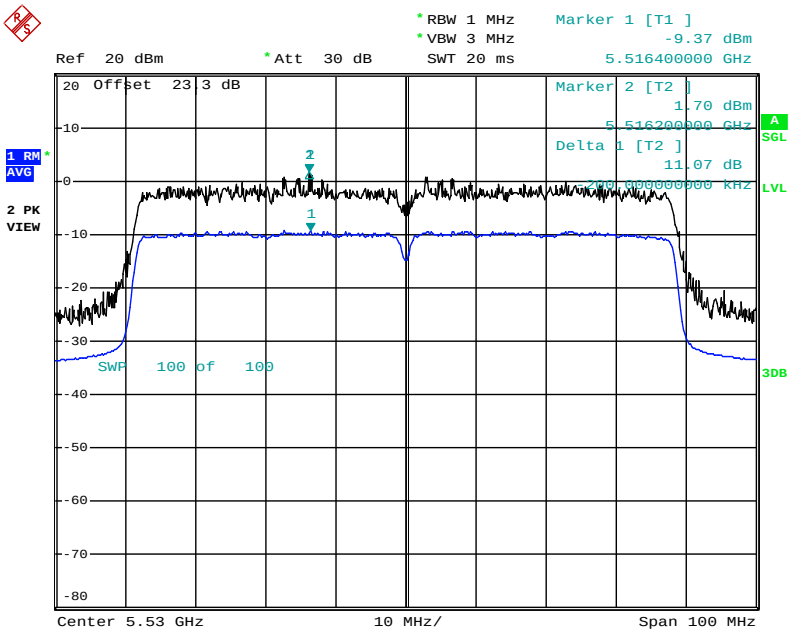
Date: 27.MAY.2013 08:19:45

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5290 MHz



Date: 27.MAY.2013 09:02:40

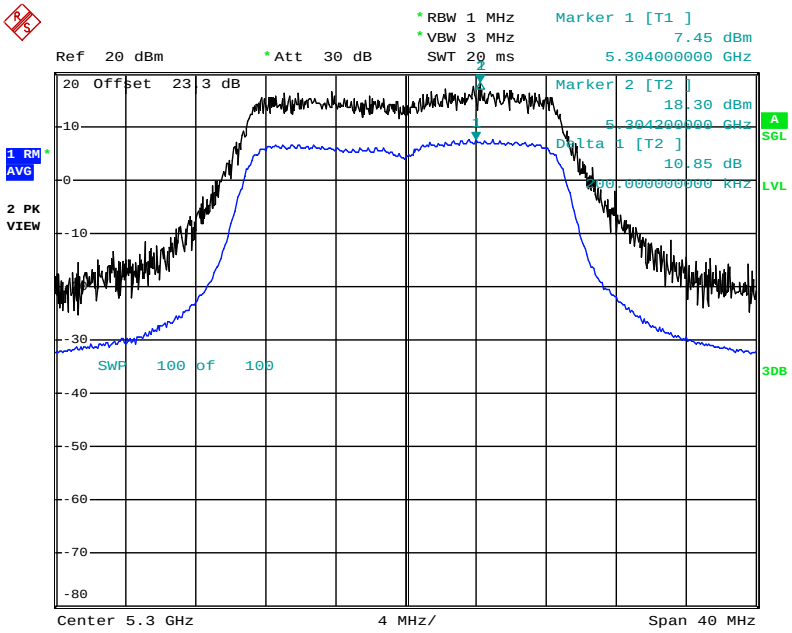
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / QPSK(MCS1) / 5530 MHz



Date: 27.MAY.2013 09:22:10

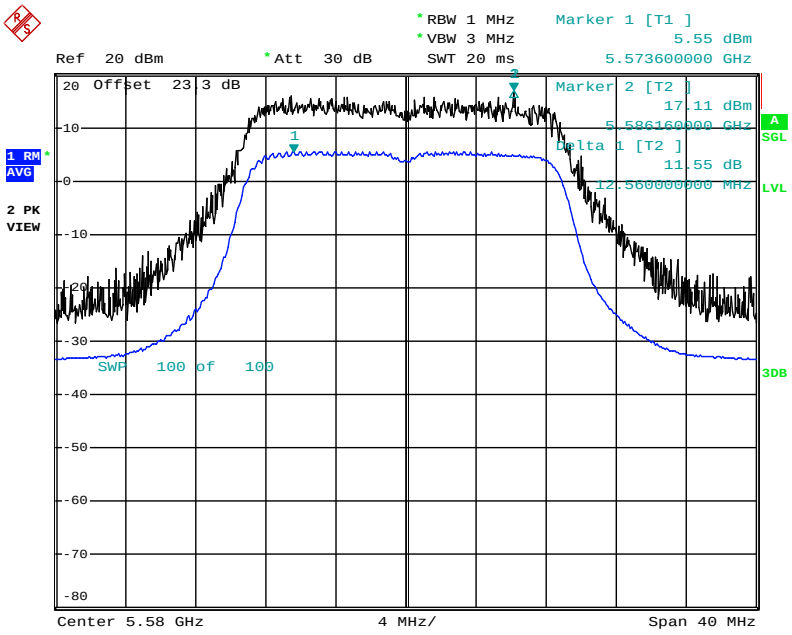
3TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5300 MHz



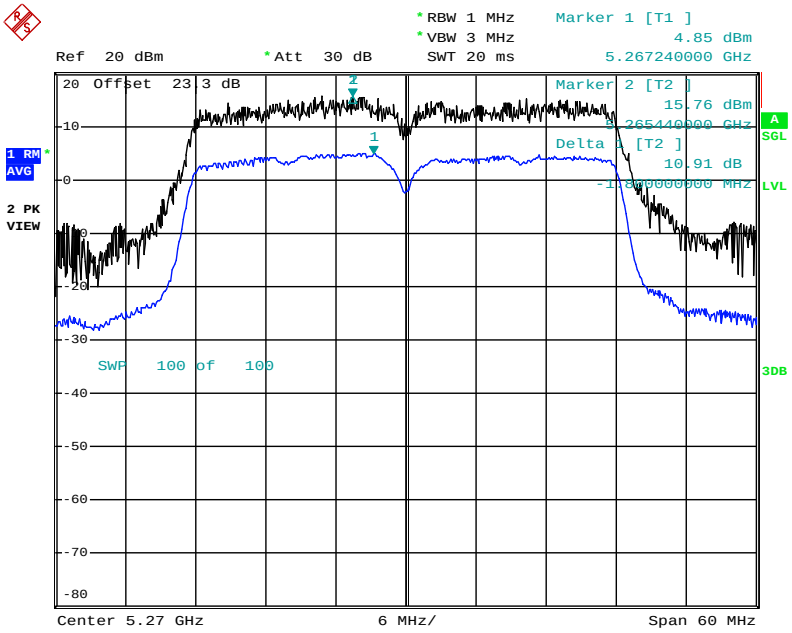
Date: 28.MAY.2013 00:30:40

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



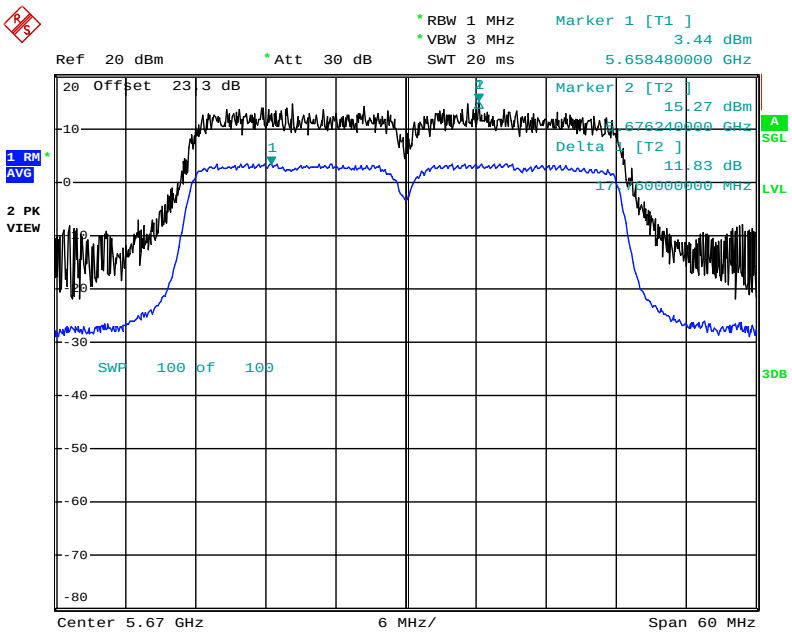
Date: 28.MAY.2013 00:42:16

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



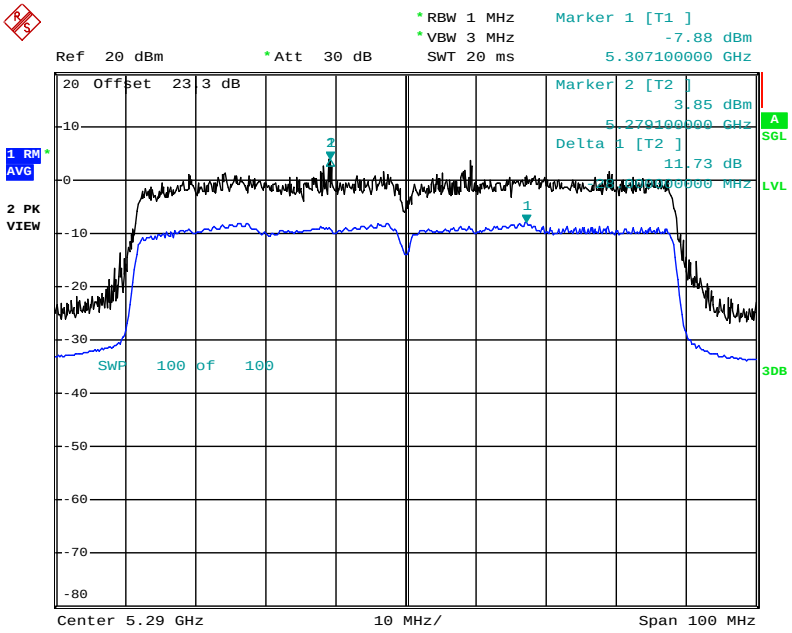
Date: 28.MAY.2013 01:07:59

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5670 MHz



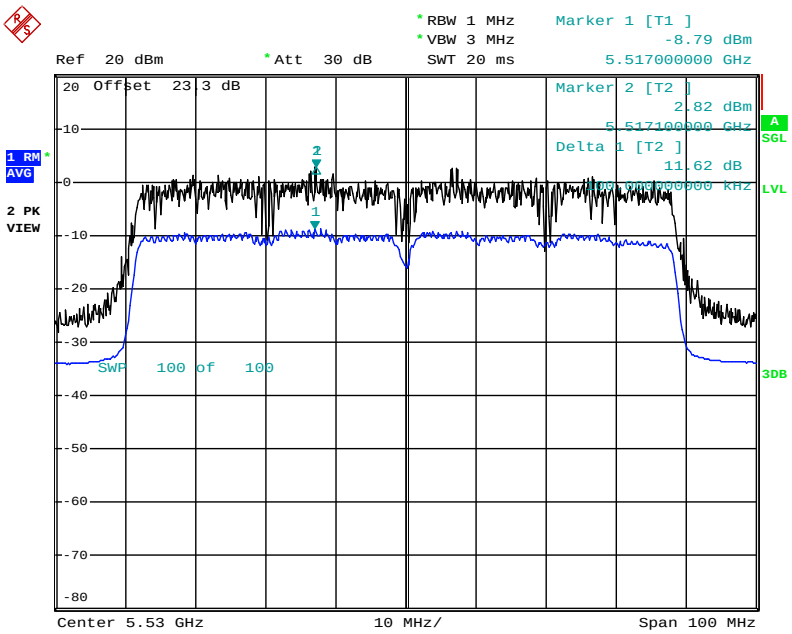
Date: 28.MAY.2013 00:59:42

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5290 MHz



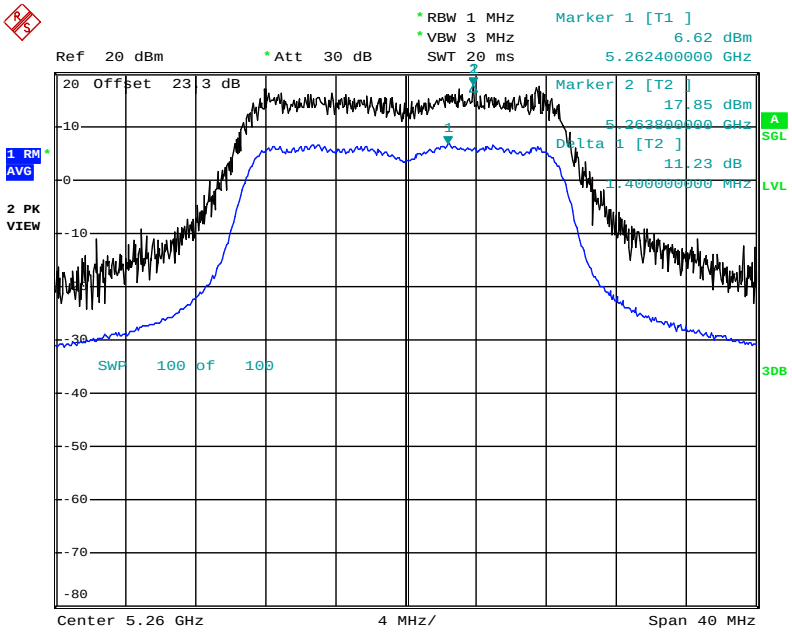
Date: 28.MAY.2013 01:19:45

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5530 MHz

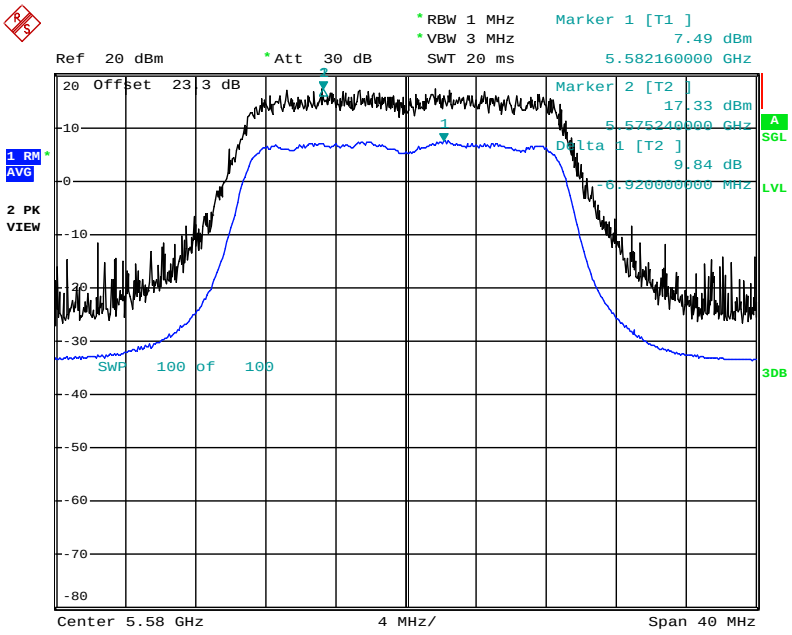


Date: 28.MAY.2013 01:31:21

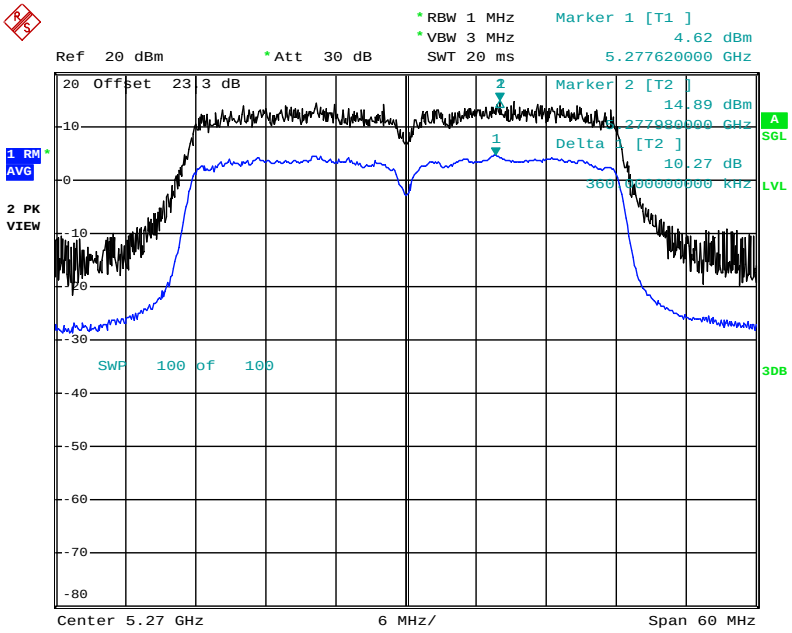
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5260 MHz



Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5580 MHz

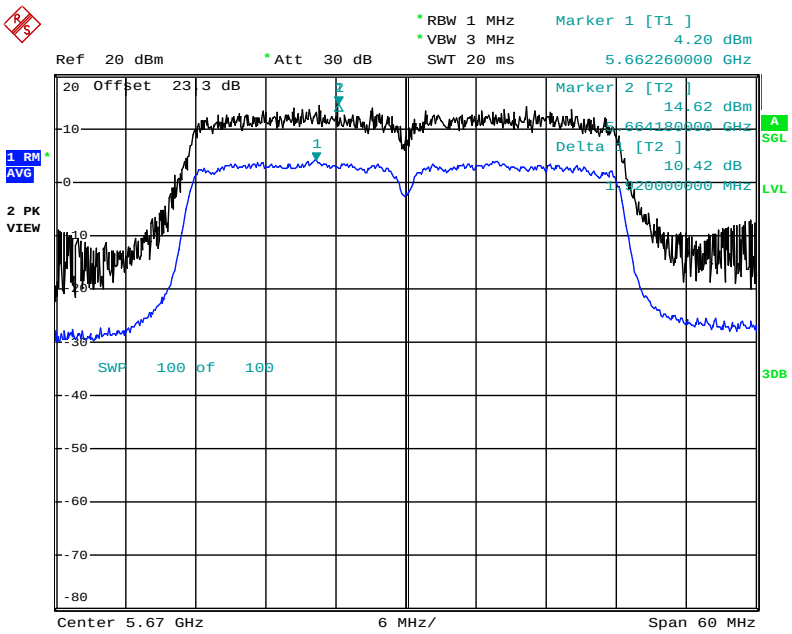


Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5270 MHz



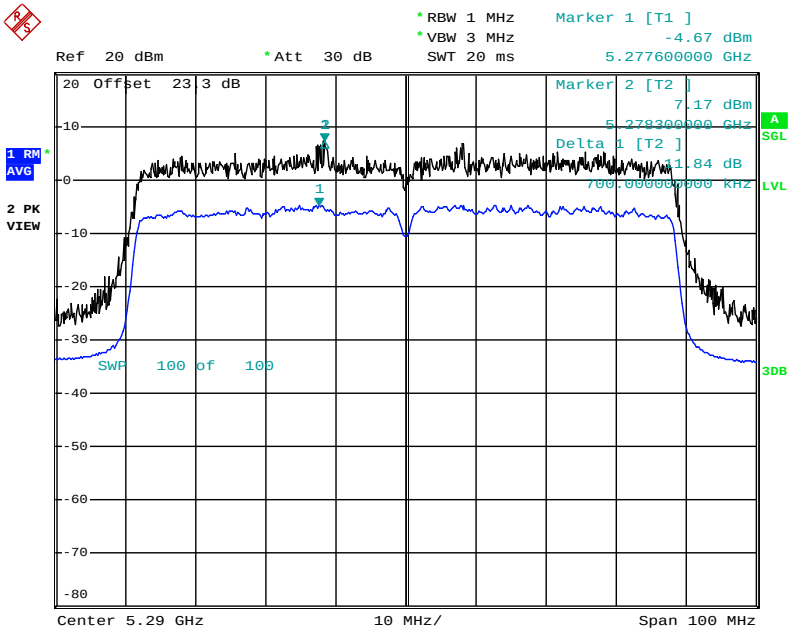
Date: 28.MAY.2013 11:02:33

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5670 MHz



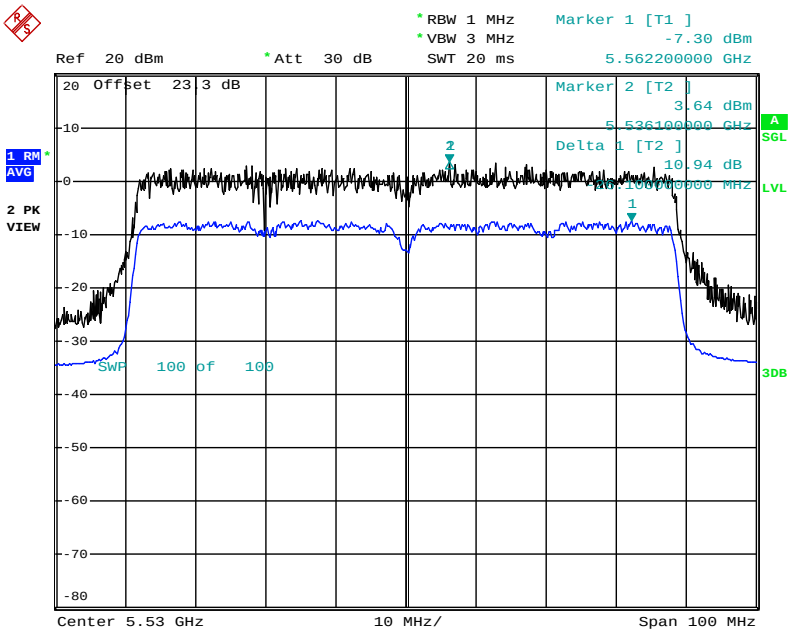
Date: 28.MAY.2013 08:39:17

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



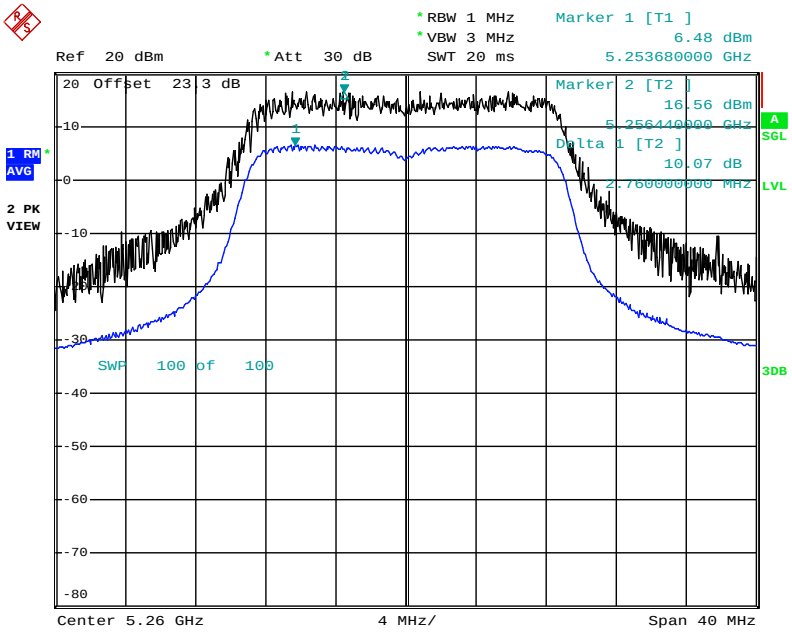
Date: 28.MAY.2013 11:22:14

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5530 MHz



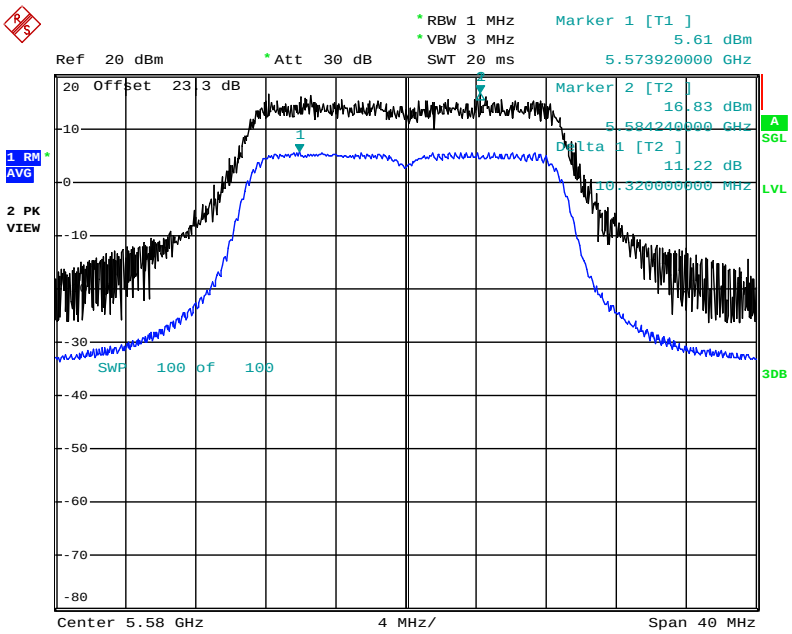
Date: 28.MAY.2013 12:16:12

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5260 MHz



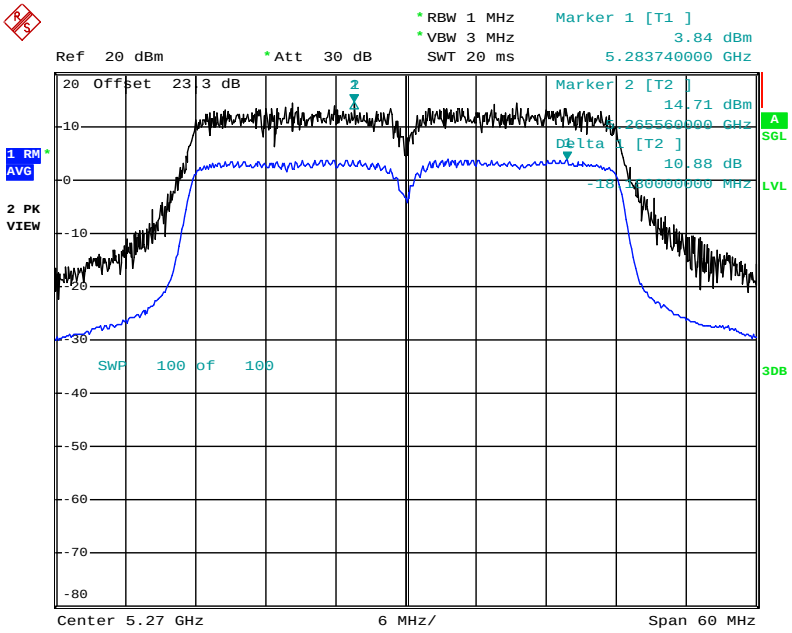
Date: 28.MAY.2013 12:49:53

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



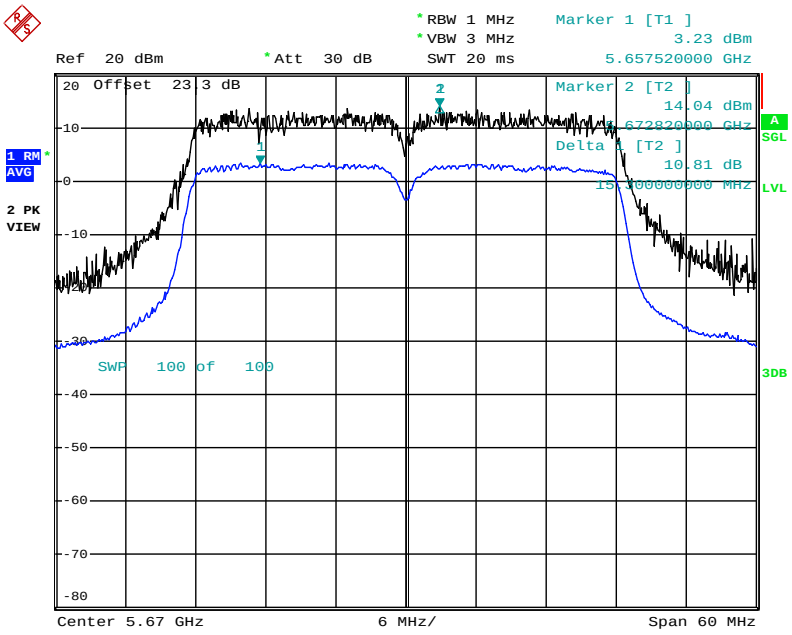
Date: 28.MAY.2013 12:54:25

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



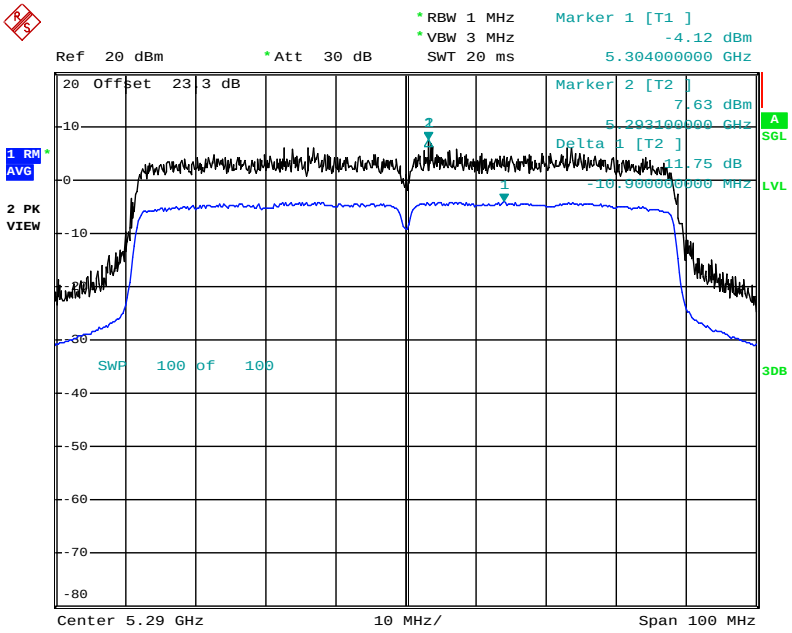
Date: 28.MAY.2013 13:08:36

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5670 MHz



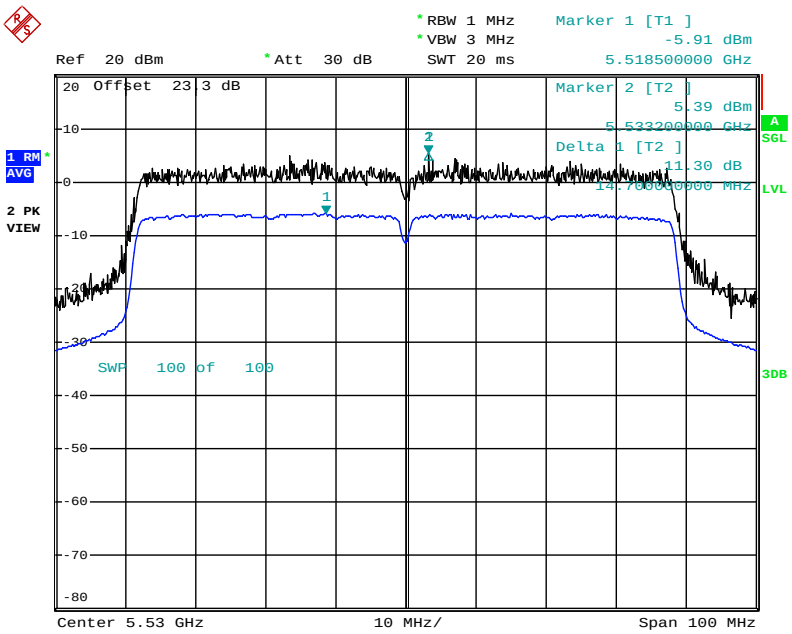
Date: 28.MAY.2013 13:06:14

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5290 MHz



Date: 28.MAY.2013 13:58:36

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5530 MHz

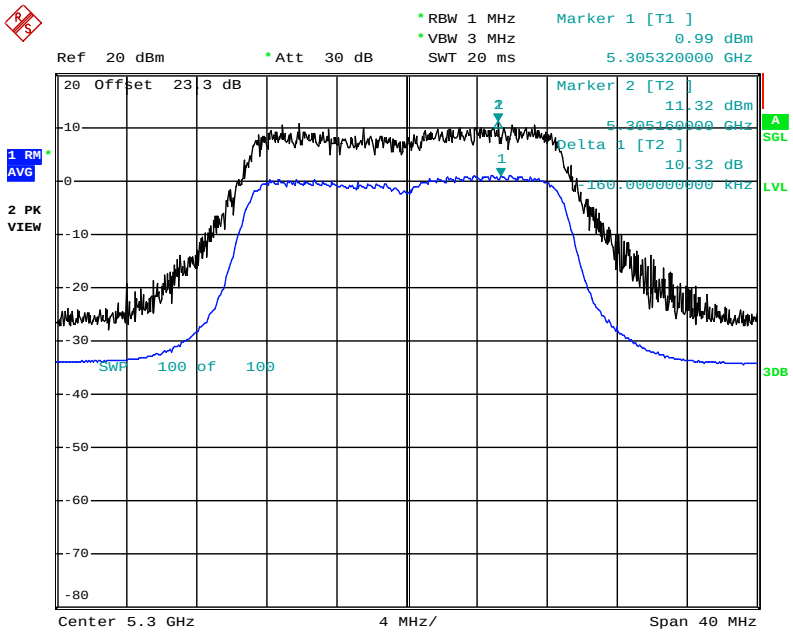


Date: 28.MAY.2013 14:13:28

Mode 6 (Ant.9 Panel antenna / 9.2dBi)

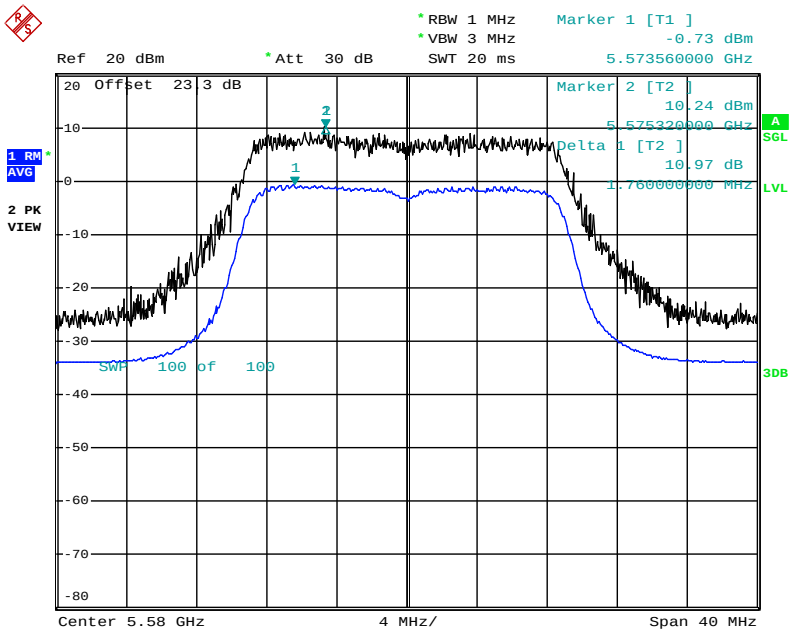
3TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5300 MHz



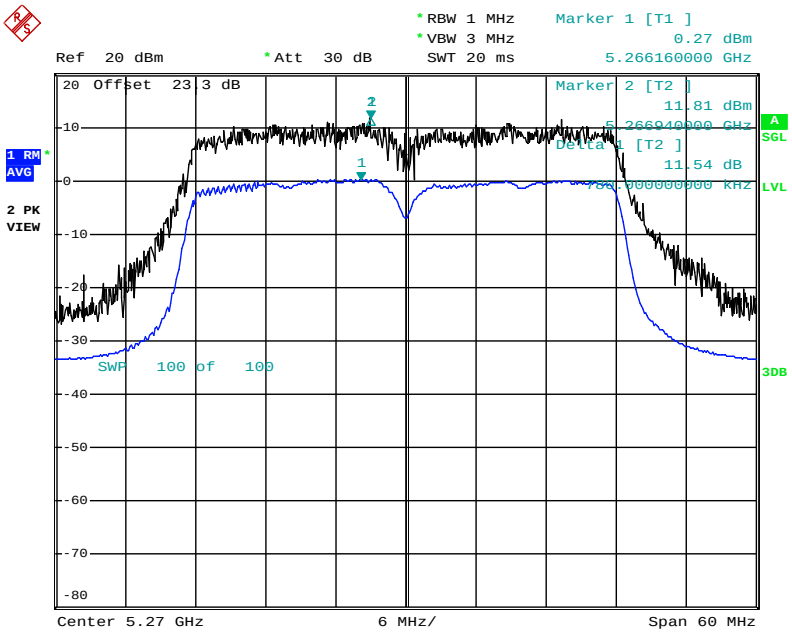
Date: 28.MAY.2013 00:34:26

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz



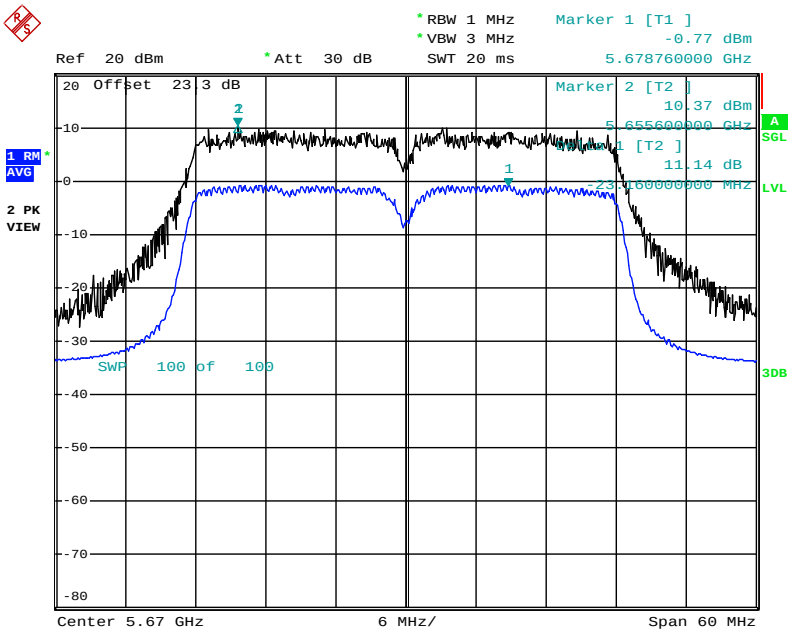
Date: 28.MAY.2013 00:41:30

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



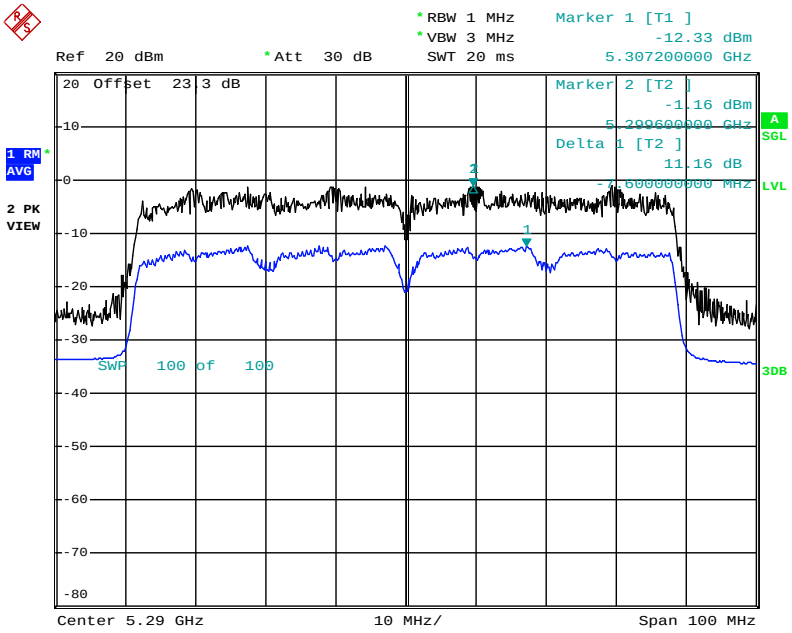
Date: 28.MAY.2013 01:04:07

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5670 MHz



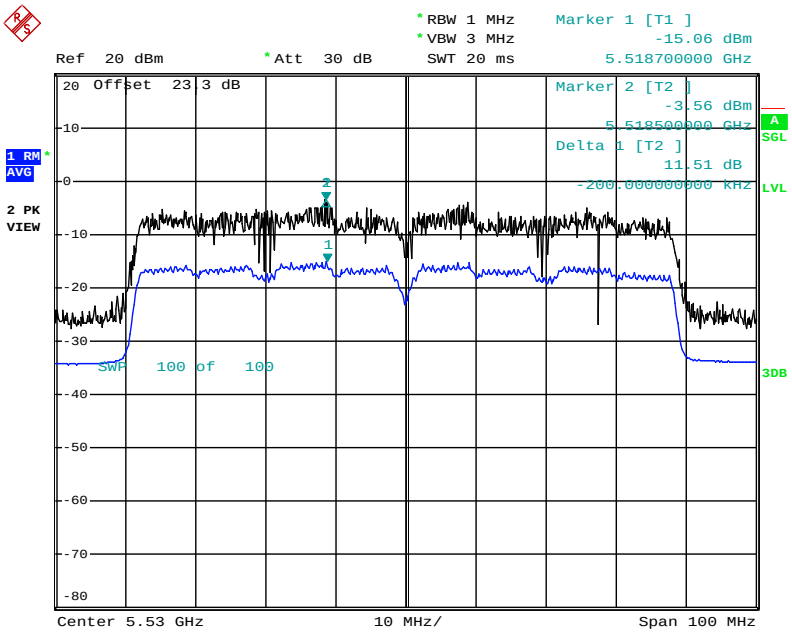
Date: 28.MAY.2013 01:03:25

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5290 MHz



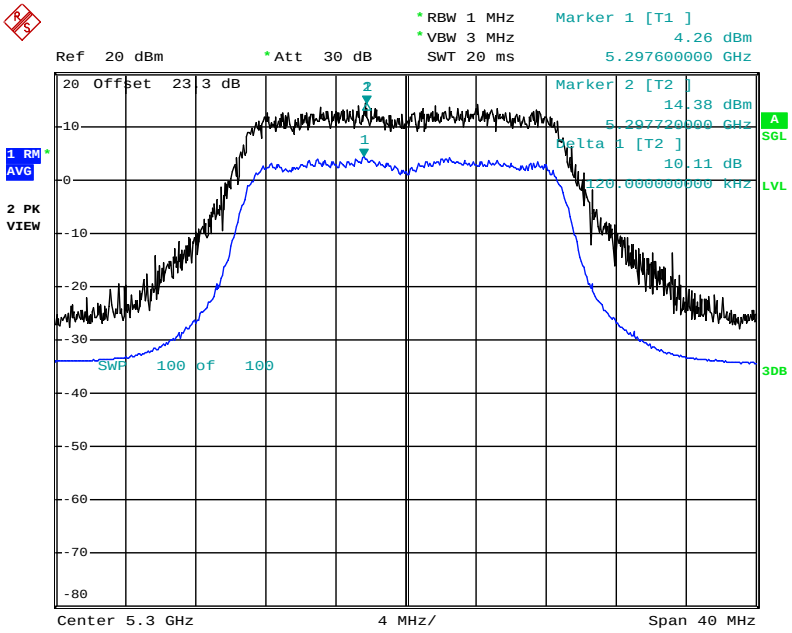
Date: 28.MAY.2013 01:22:13

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5530 MHz

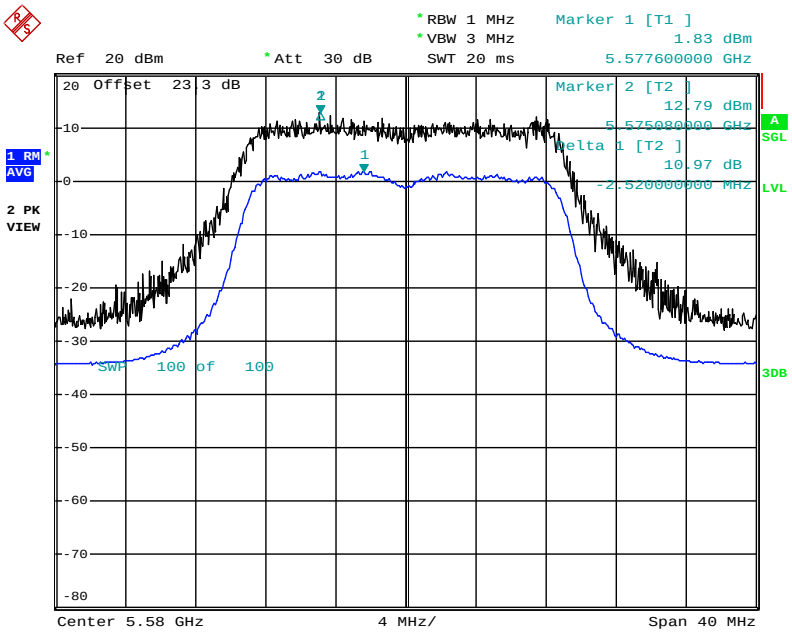


Date: 28.MAY.2013 01:27:11

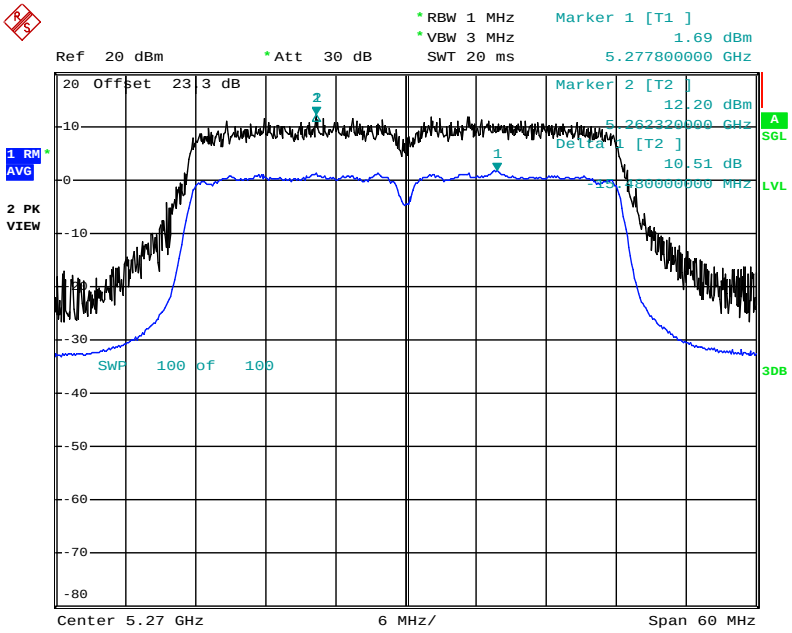
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5300 MHz



Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5580 MHz

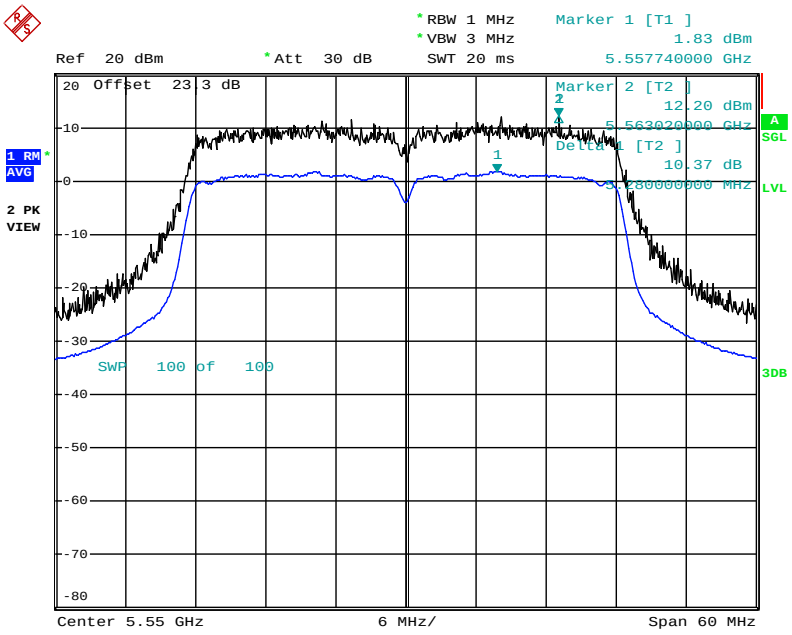


Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5270 MHz



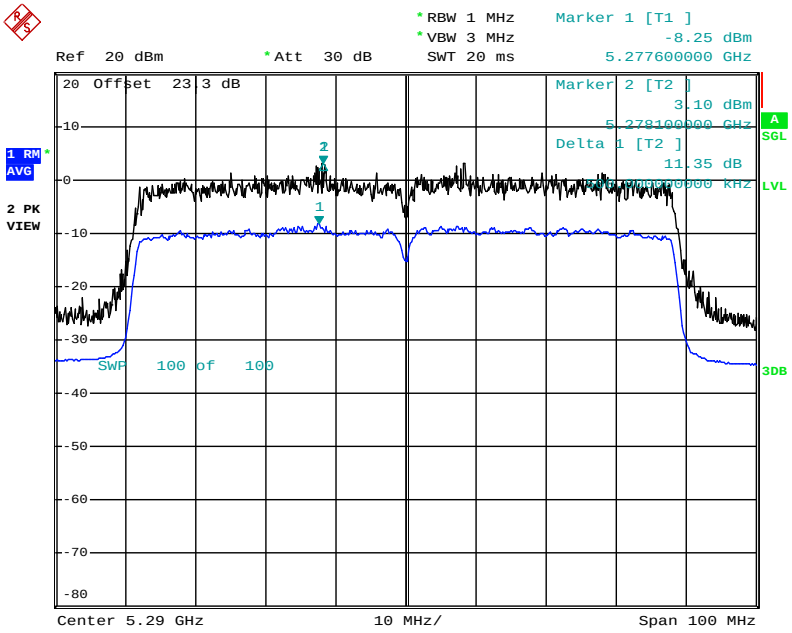
Date: 28.MAY.2013 11:06:08

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5550 MHz



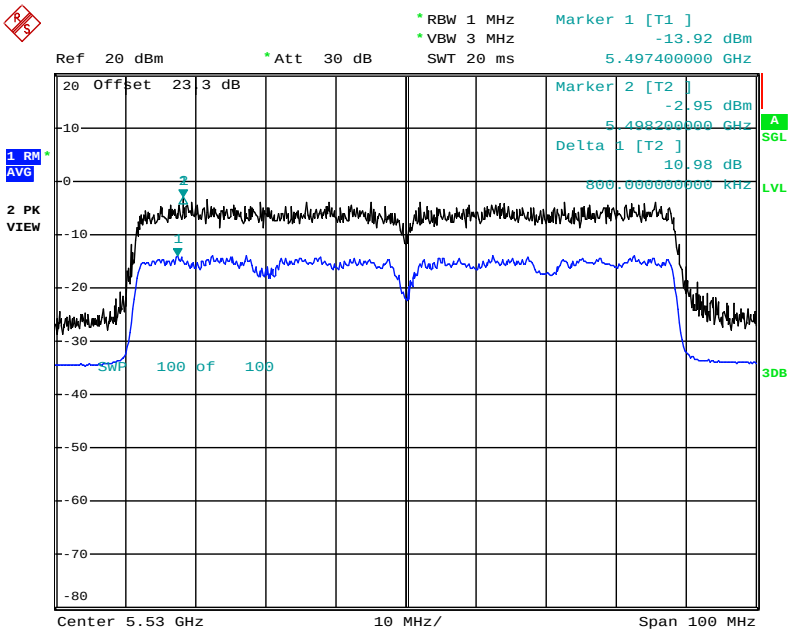
Date: 28.MAY.2013 08:33:04

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



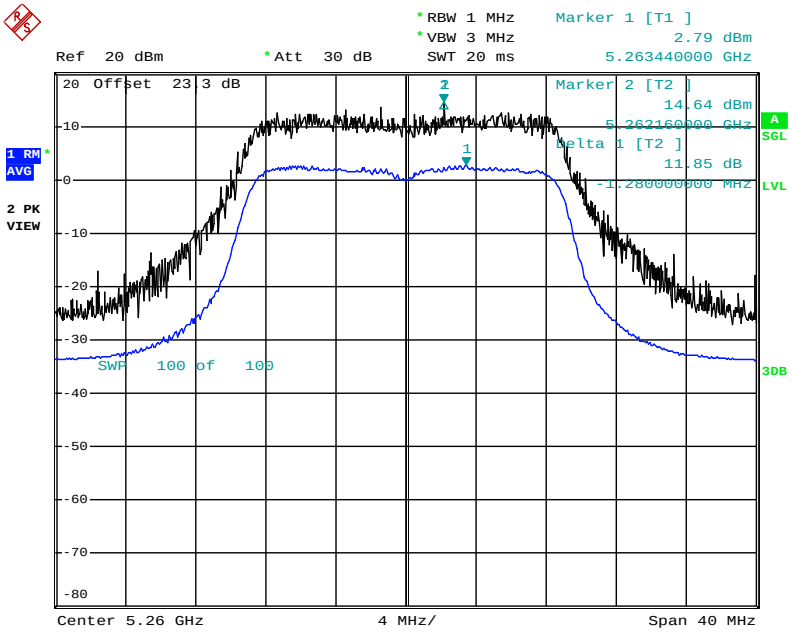
Date: 28.MAY.2013 11:08:26

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5530 MHz



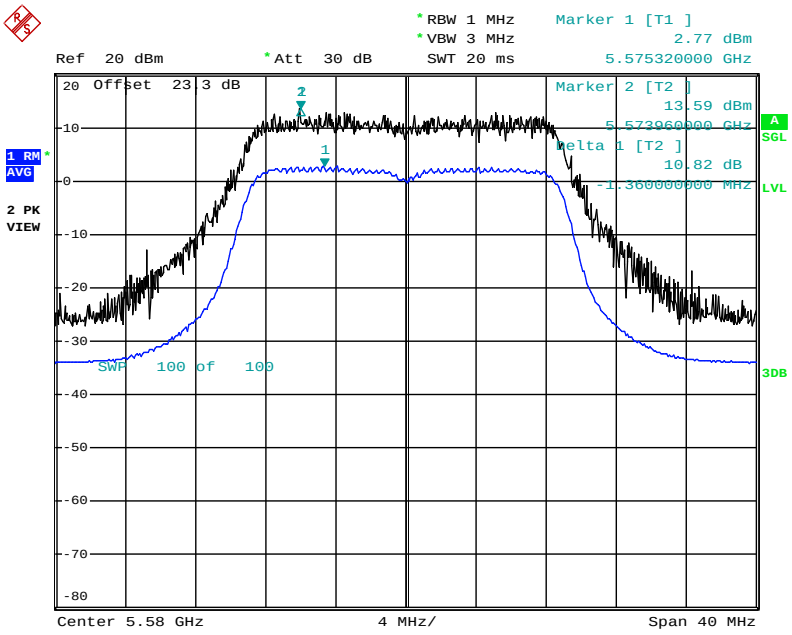
Date: 28.MAY.2013 11:10:24

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5260 MHz



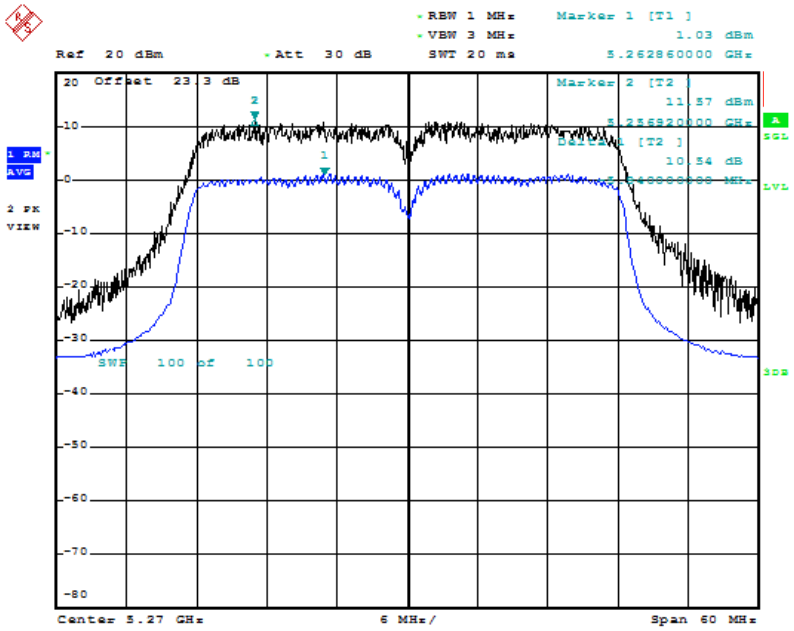
Date: 28.MAY.2013 12:41:58

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz



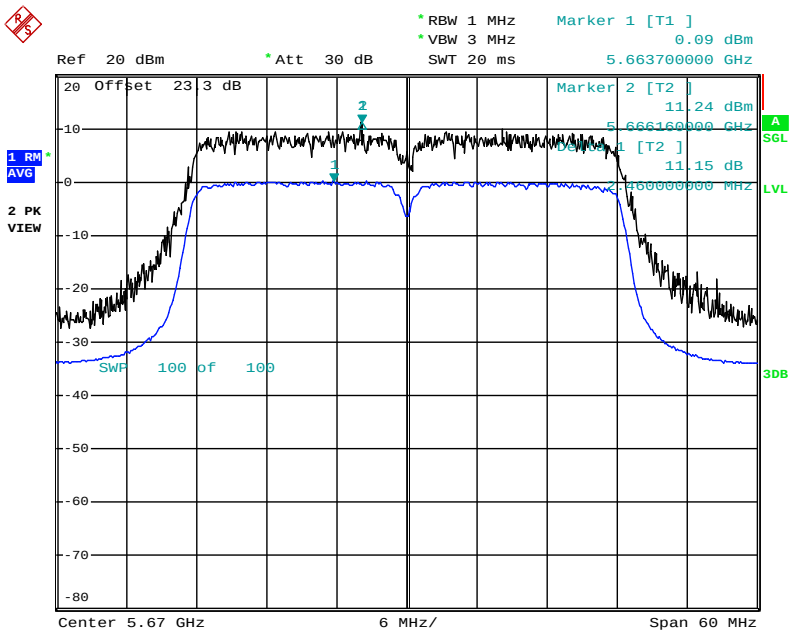
Date: 28.MAY.2013 12:58:37

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



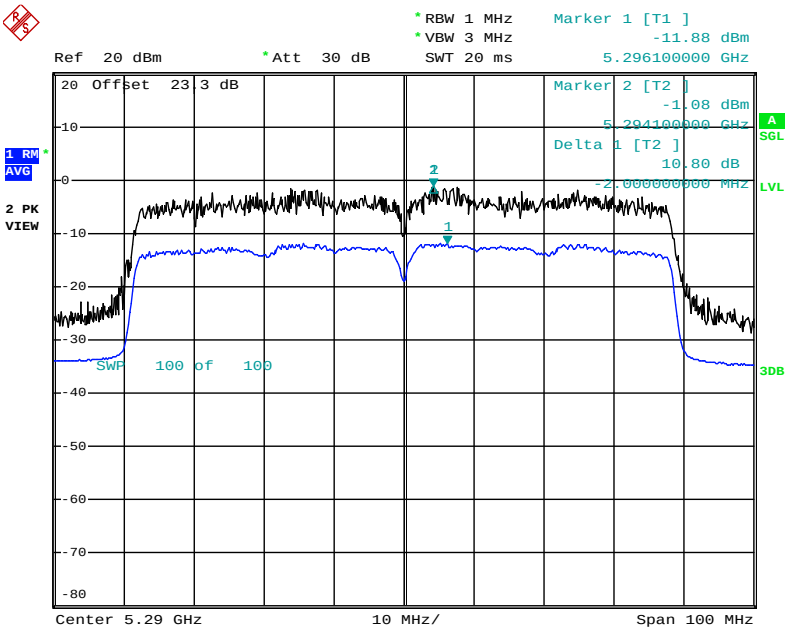
Date: 28.MAY.2013 13:17:08

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5670 MHz



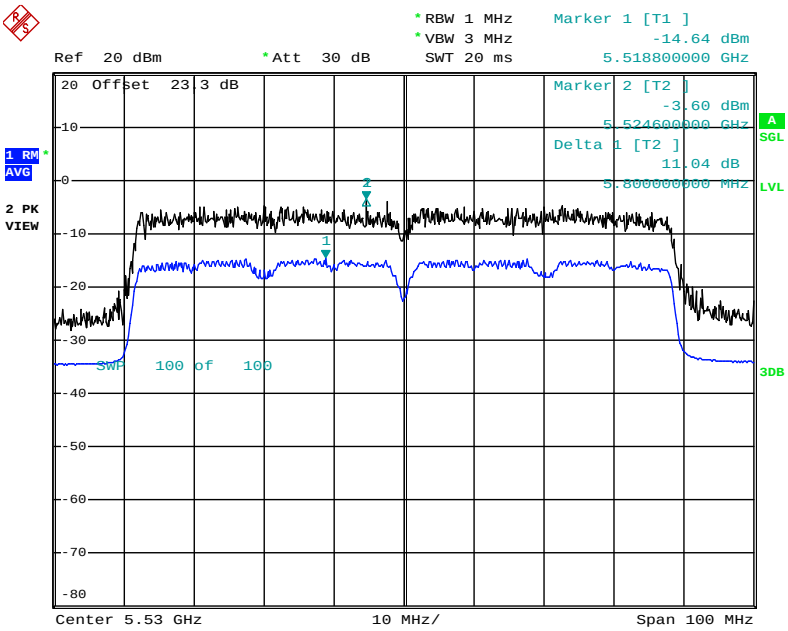
Date: 28.MAY.2013 13:01:37

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



Date: 28.MAY.2013 13:47:15

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5530 MHz

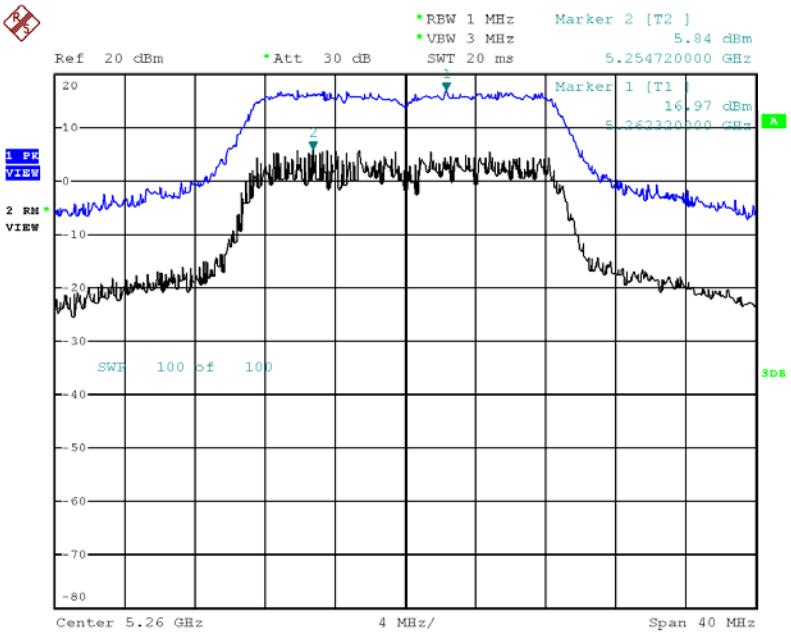


Date: 28.MAY.2013 14:21:04

Mode 7 (Ant.10 PIFA antenna / 5.3dBi)

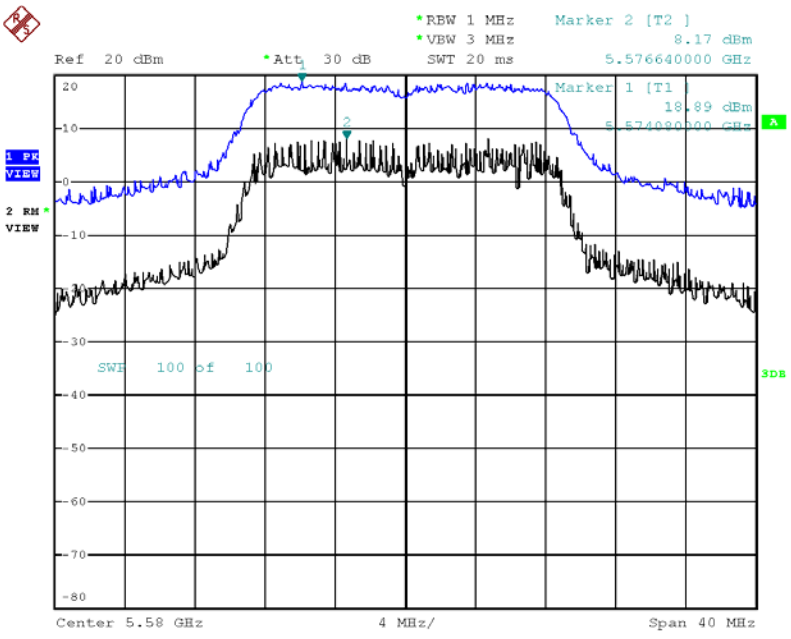
1TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 64QAM(MCS5) / 5260 MHz



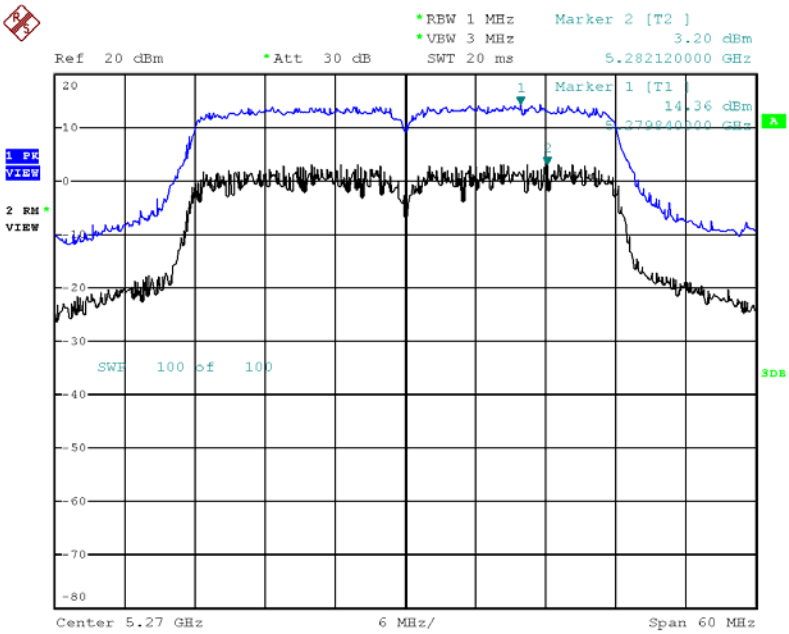
Date: 7.JUL.2013 18:18:47

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 64QAM(MCS5) / 5580 MHz



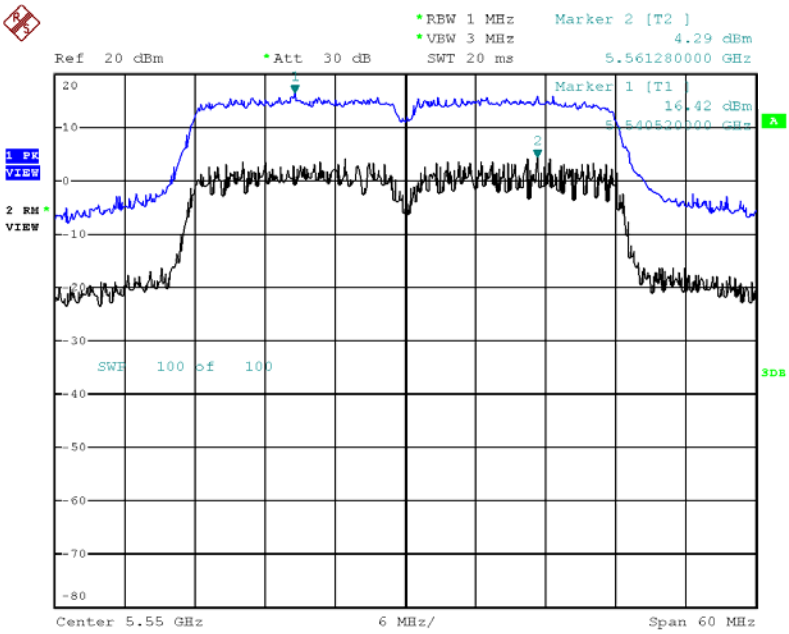
Date: 7.JUL.2013 18:24:51

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 256QAM(MCS8) / 5270 MHz



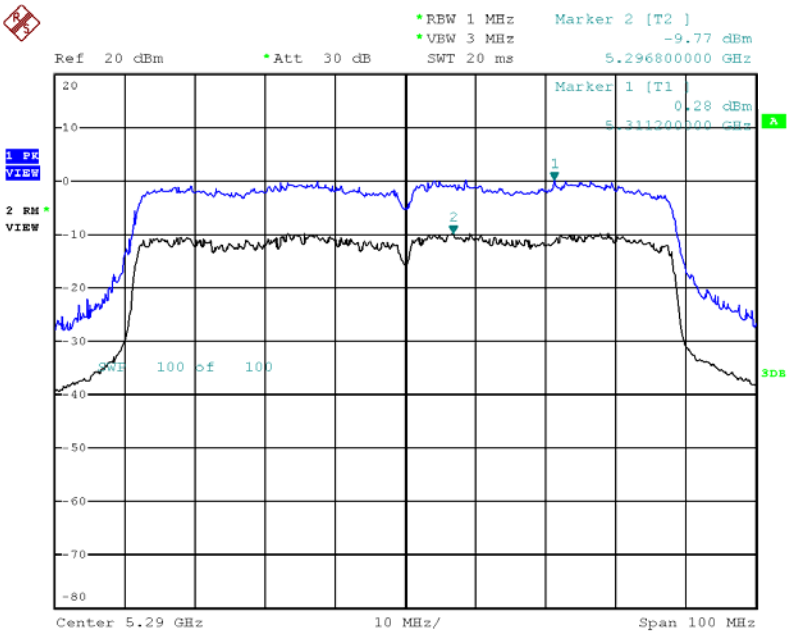
Date: 7.JUL.2013 18:42:08

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 16QAM(MCS3) / 5550 MHz



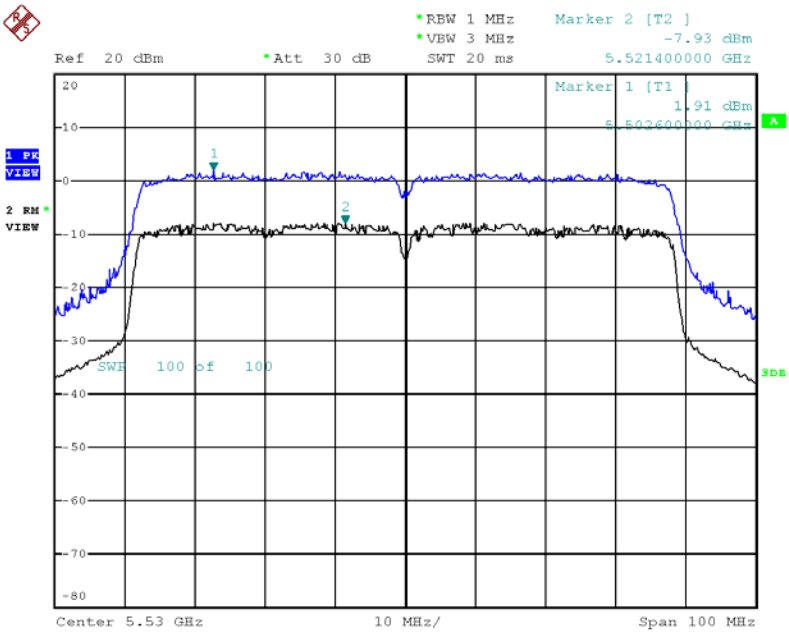
Date: 7.JUL.2013 18:46:33

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / QPSK(MCS1) / 5290 MHz



Date: 7.JUL.2013 19:06:09

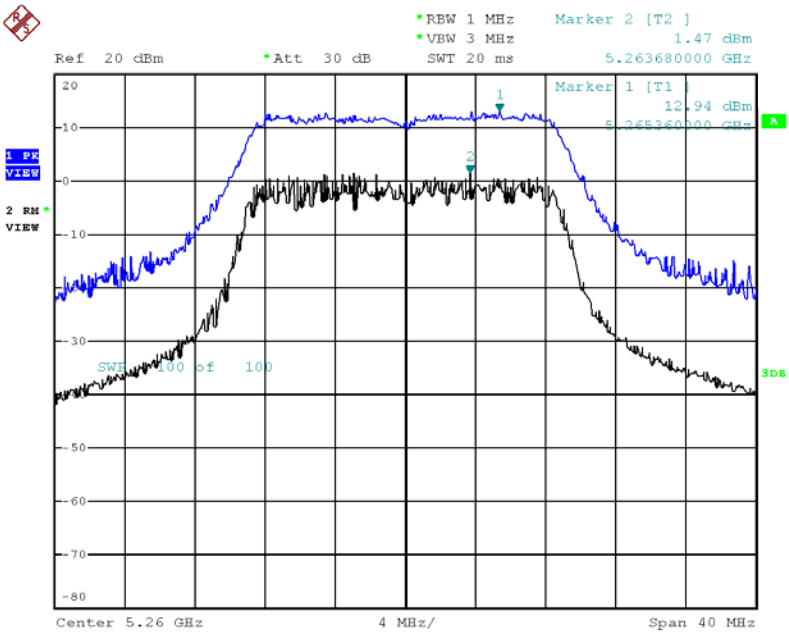
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 64QAM(MCS5) / 5530 MHz



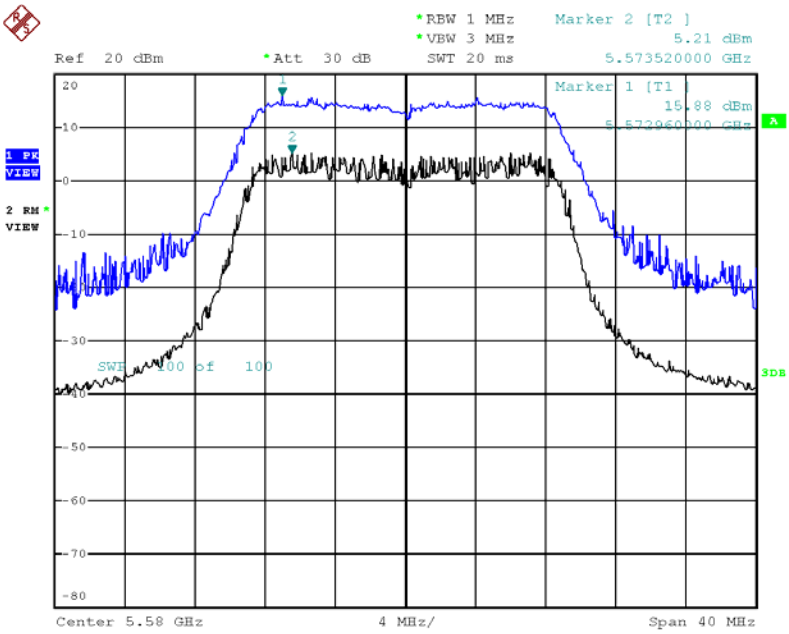
Date: 7.JUL.2013 18:56:34

2TX

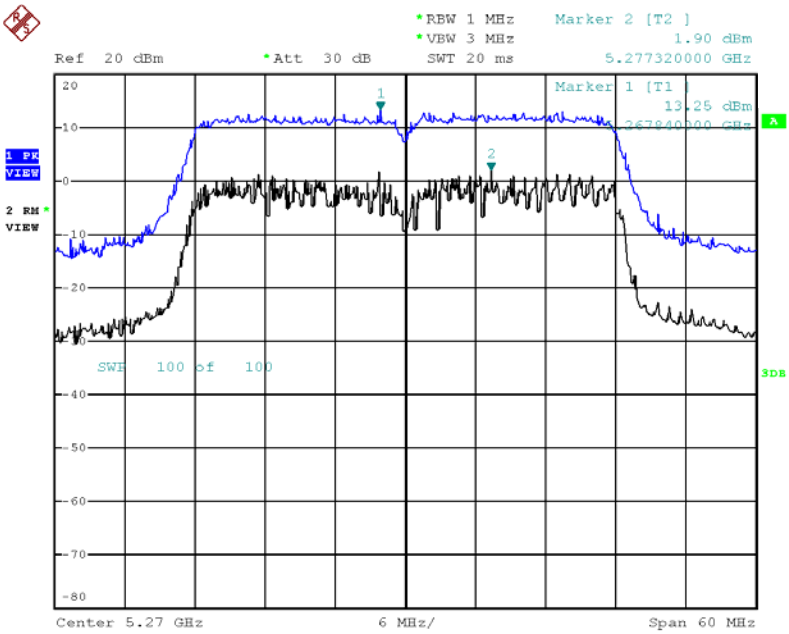
Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5260 MHz



Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5580 MHz

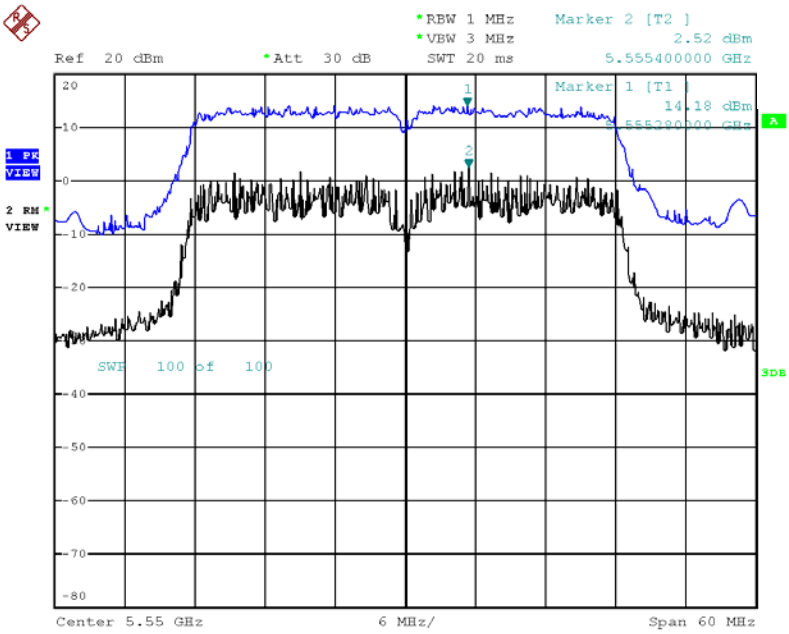


Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5270 MHz



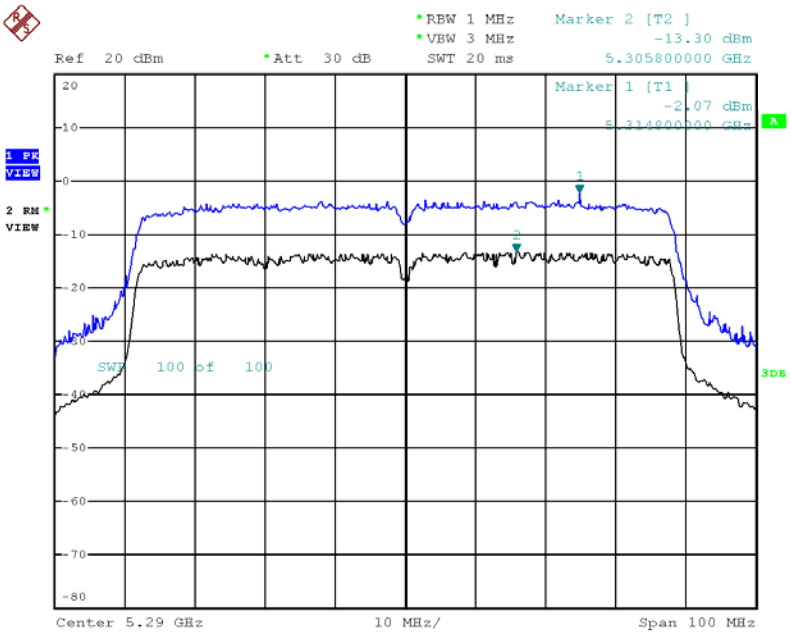
Date: 9.JUL.2013 01:24:01

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5550 MHz



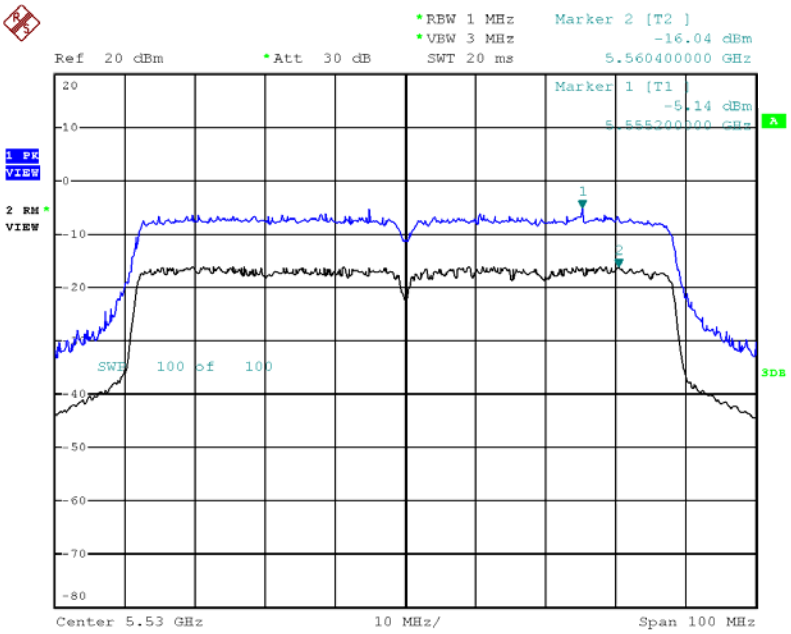
Date: 9.JUL.2013 01:28:19

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5290 MHz



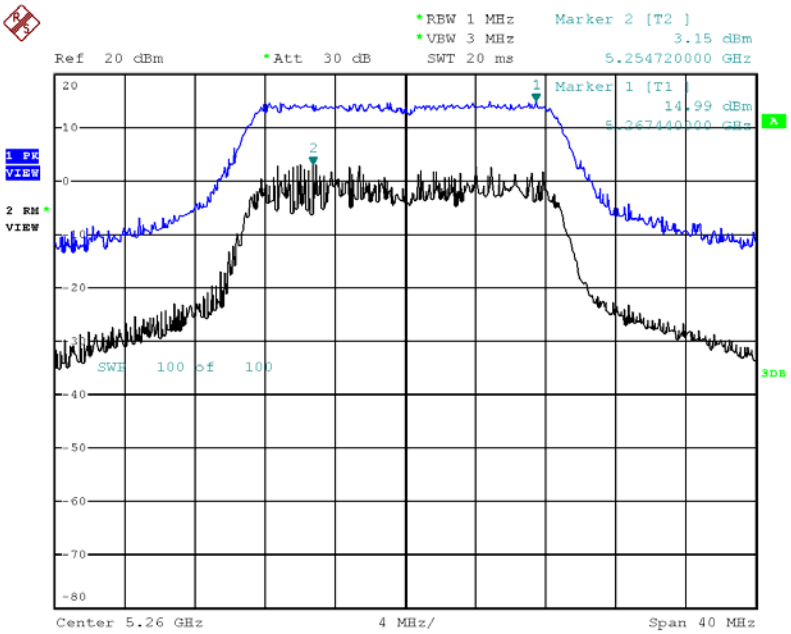
Date: 9.JUL.2013 01:39:53

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5530 MHz



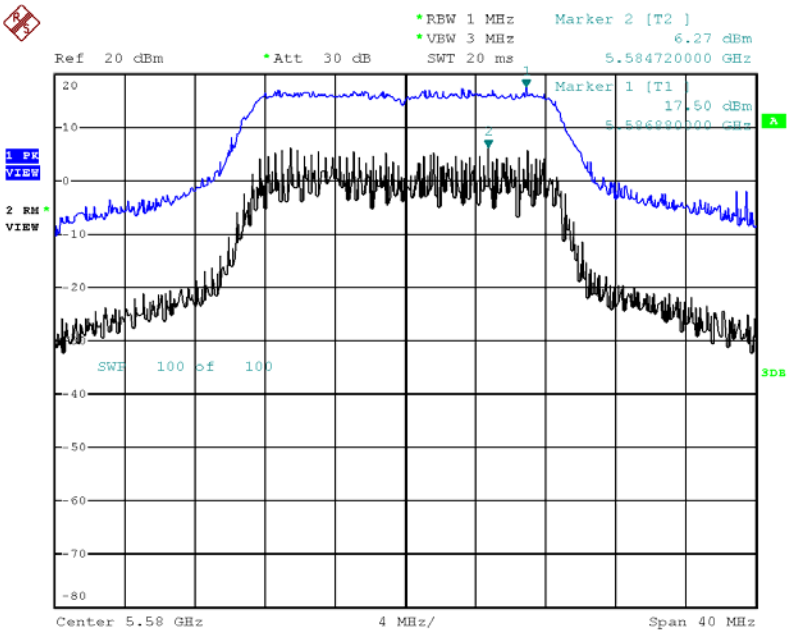
Date: 9.JUL.2013 01:44:27

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5260 MHz



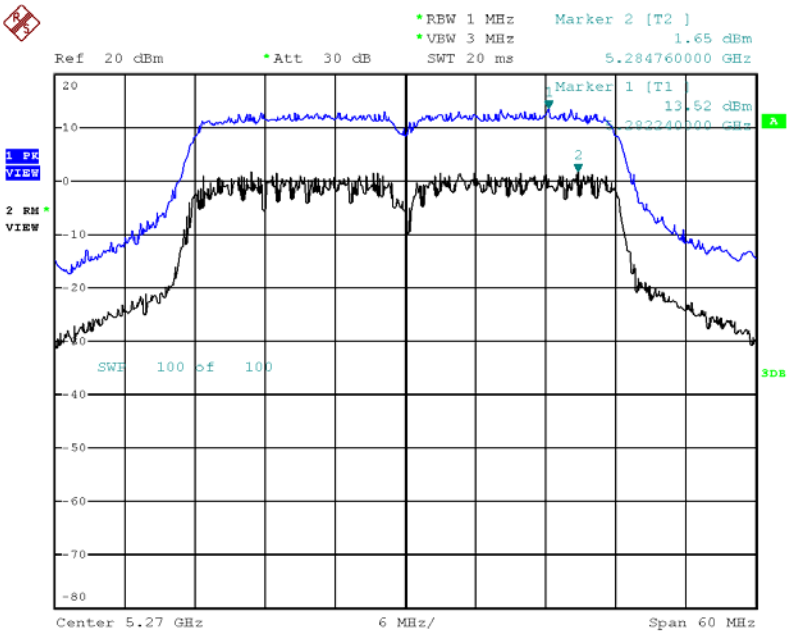
Date: 9.JUL.2013 01:59:17

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Chain 1 + Chain 2 / 64QAM(MCS5) / 5580 MHz



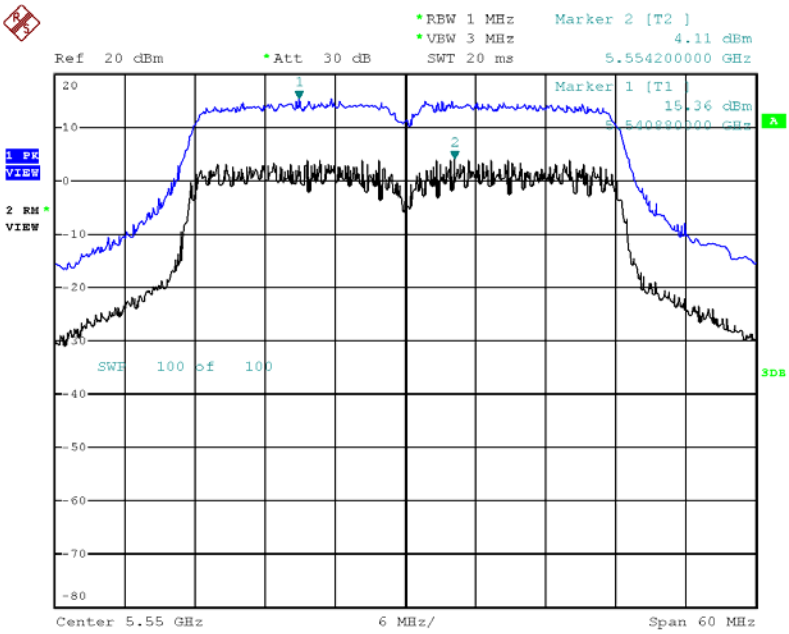
Date: 9.JUL.2013 02:05:21

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 16QAM(MCS3) / 5270 MHz



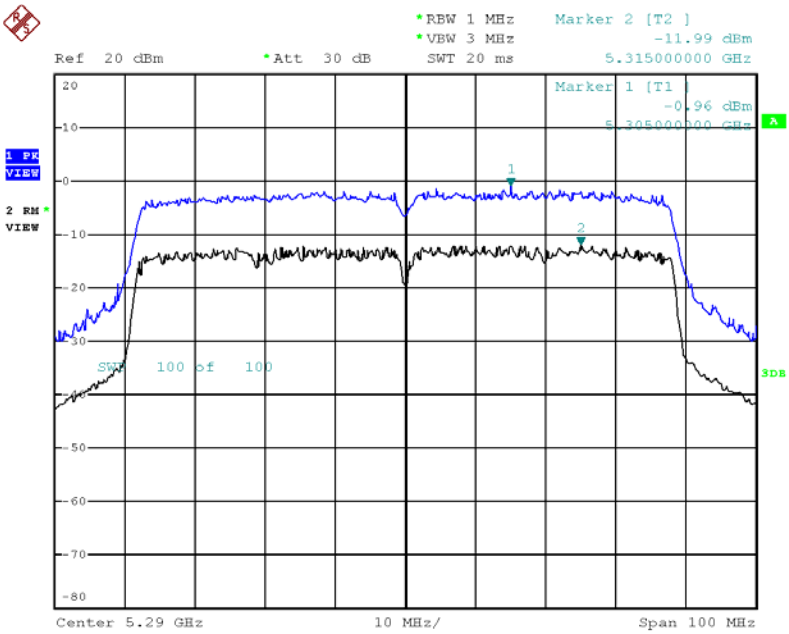
Date: 9.JUL.2013 02:18:20

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5550 MHz

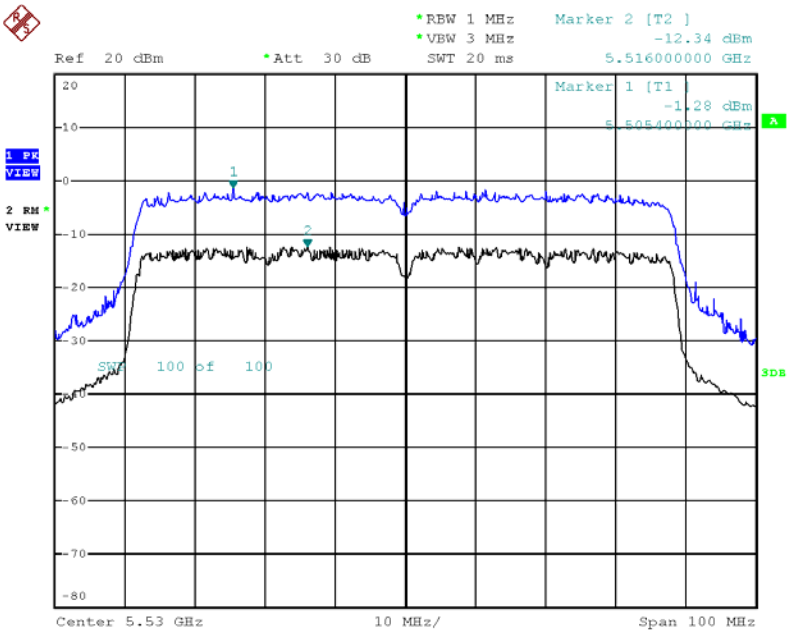


Date: 9.JUL.2013 02:25:02

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5290 MHz

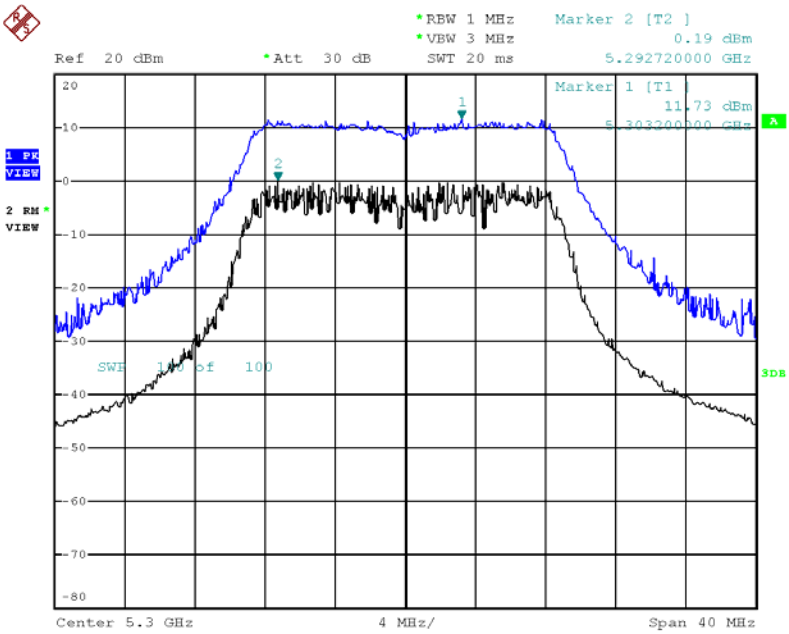


Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Chain 1 + Chain 2 / 256QAM(MCS8) / 5530 MHz



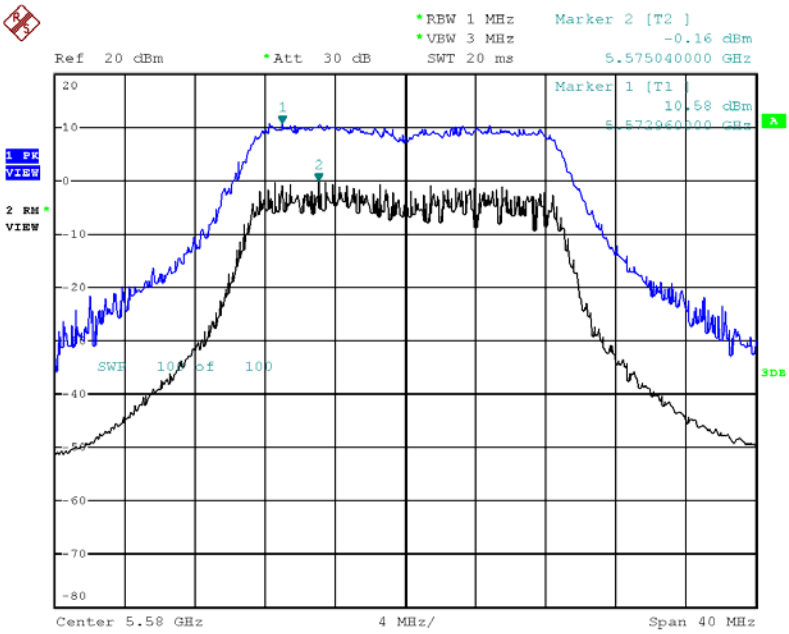
3TX

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5300 MHz



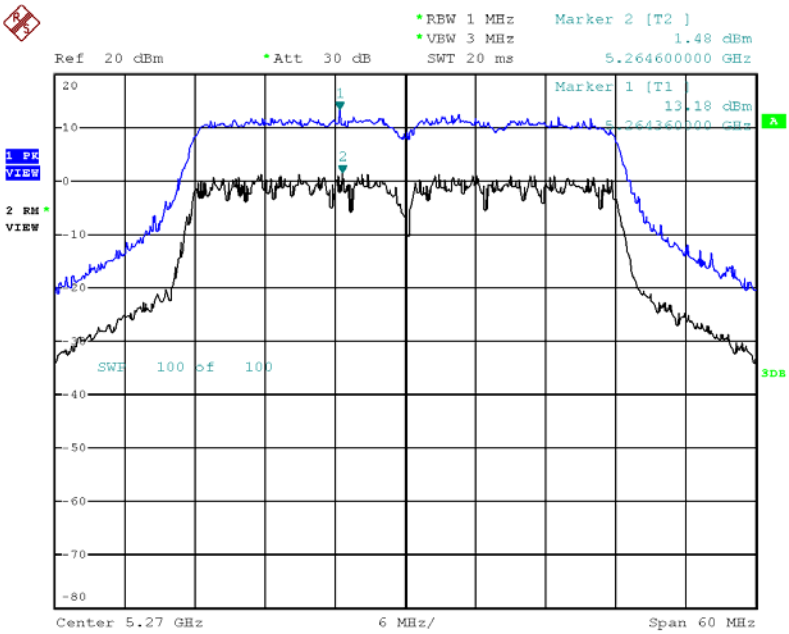
Date: 9.JUL.2013 19:12:42

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz



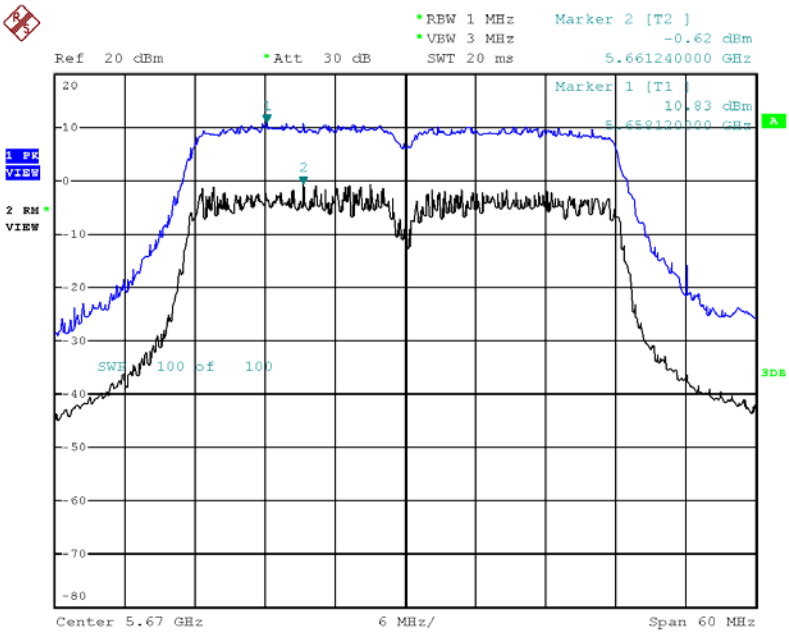
Date: 9.JUL.2013 19:18:27

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 256QAM(MCS8) / 5270 MHz



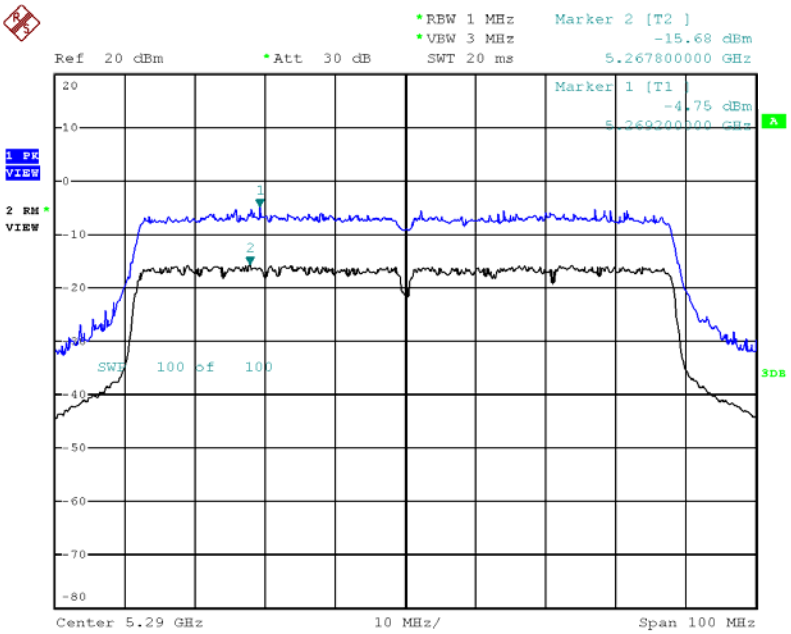
Date: 9.JUL.2013 19:37:18

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5670 MHz



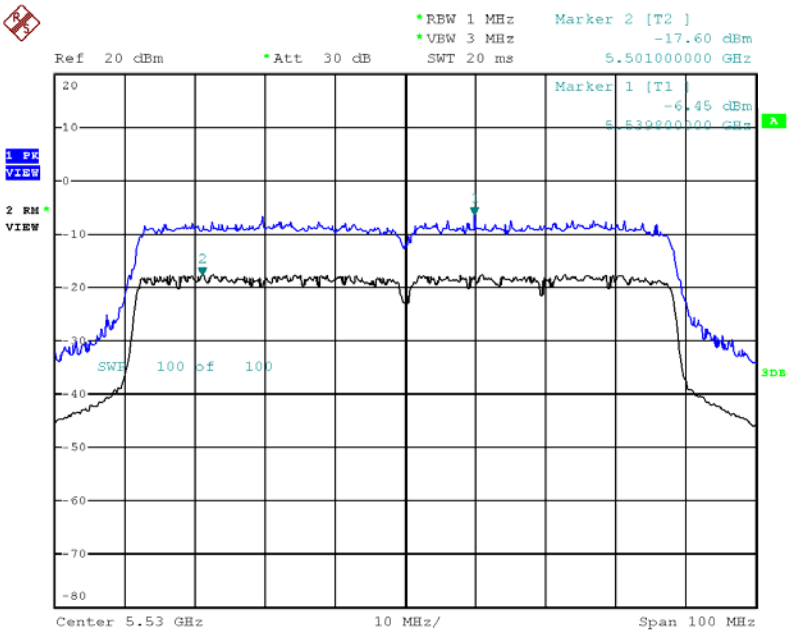
Date: 9.JUL.2013 19:43:59

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5290 MHz



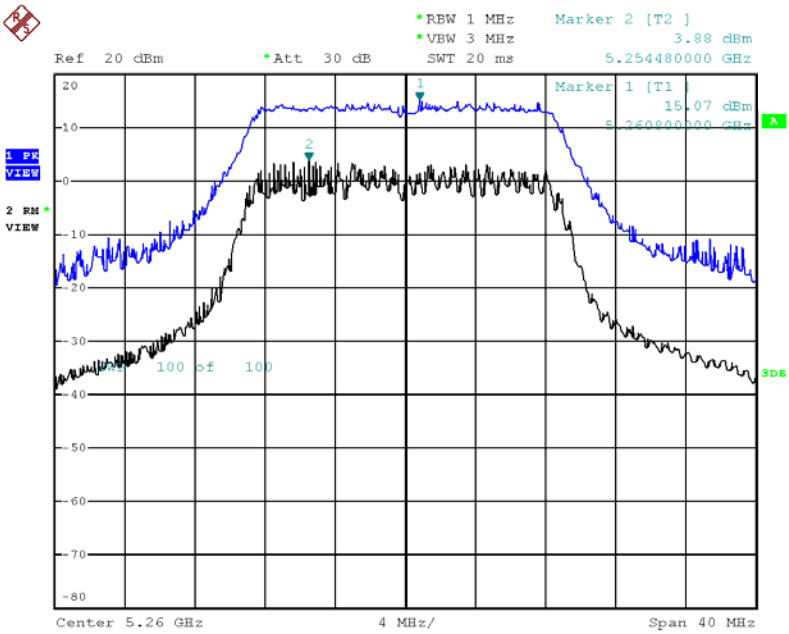
Date: 9.JUL.2013 19:52:34

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80/ Chain 1 + Chain 2 + Chain 3 / BSPK(MCS0) / 5530 MHz



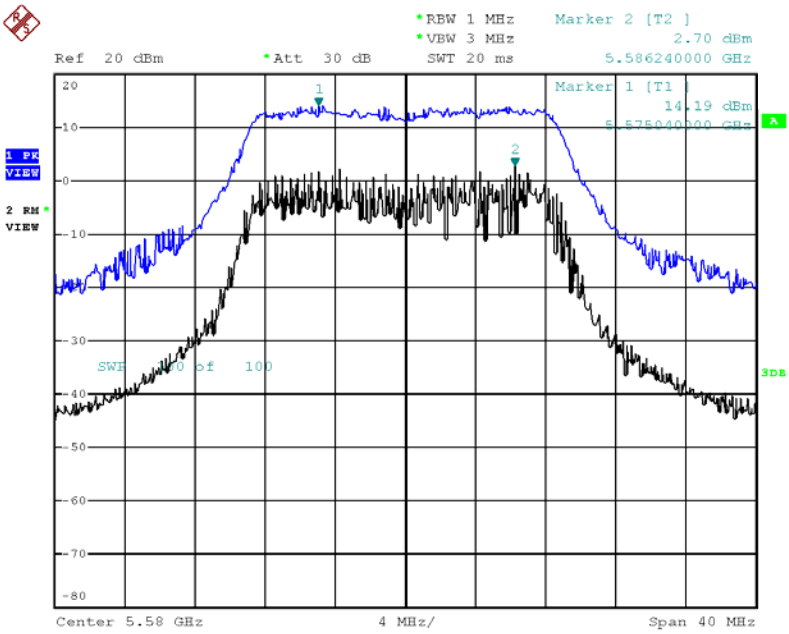
Date: 9.JUL.2013 19:59:26

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5260 MHz



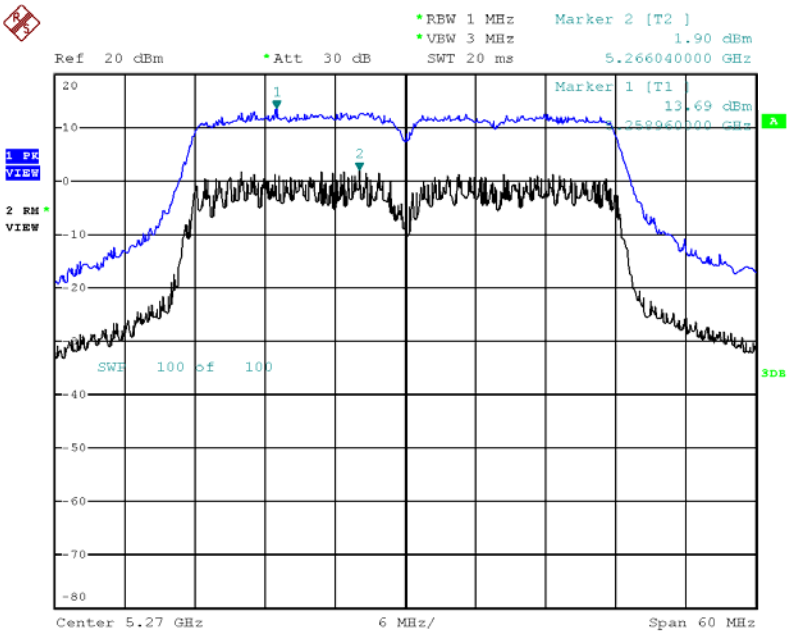
Date: 9.JUL.2013 20:17:39

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz



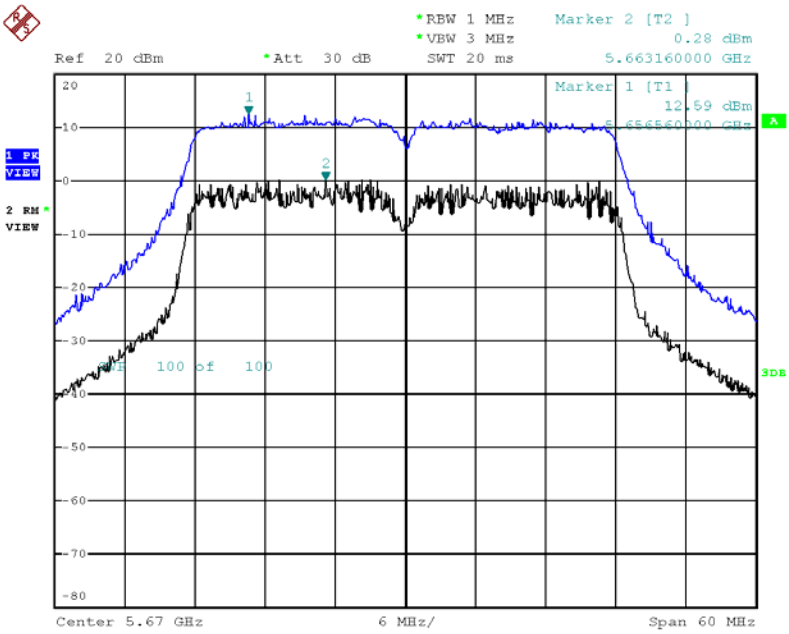
Date: 9.JUL.2013 20:24:47

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5270 MHz



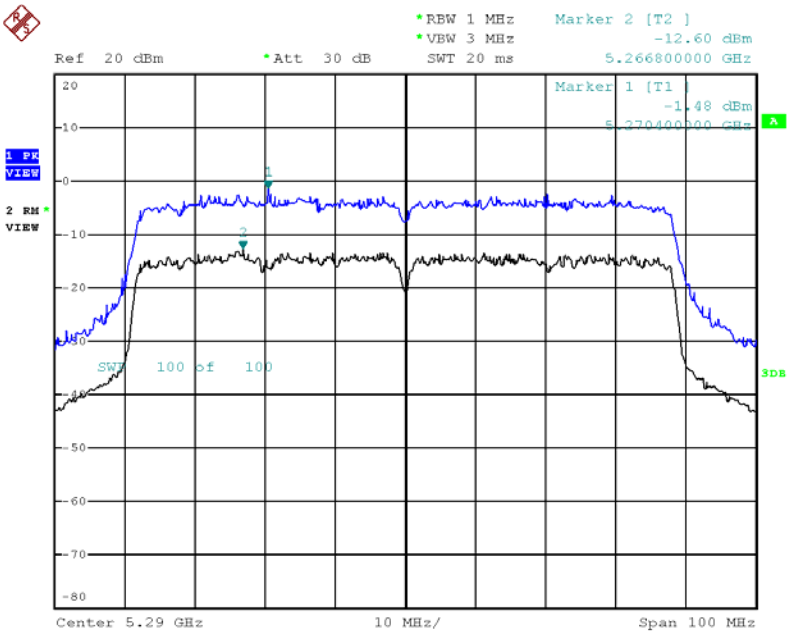
Date: 9.JUL.2013 20:37:34

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5670 MHz



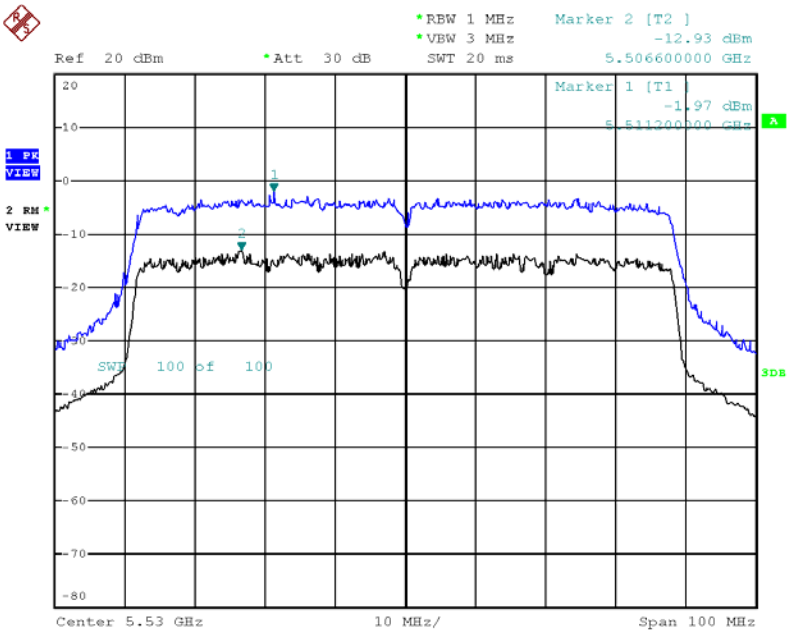
Date: 9.JUL.2013 20:46:09

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5290 MHz



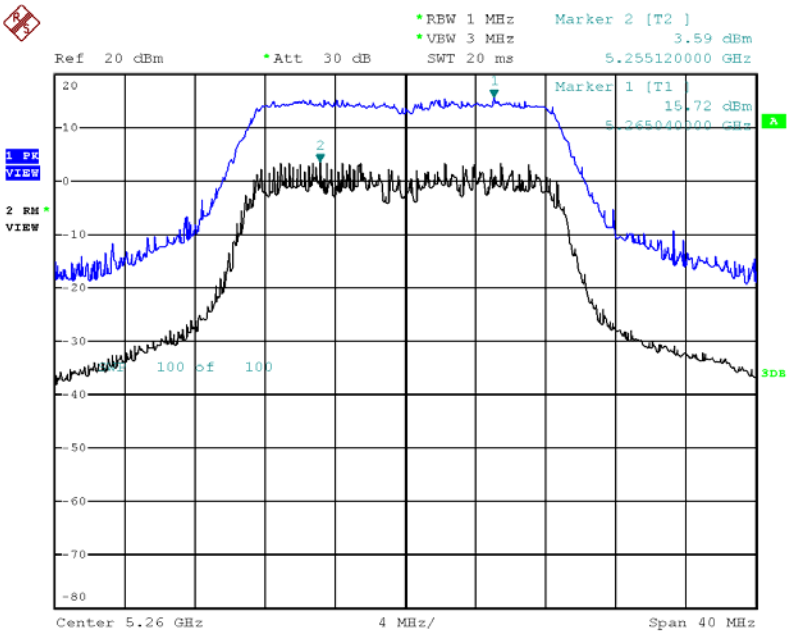
Date: 9.JUL.2013 21:00:43

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5530 MHz



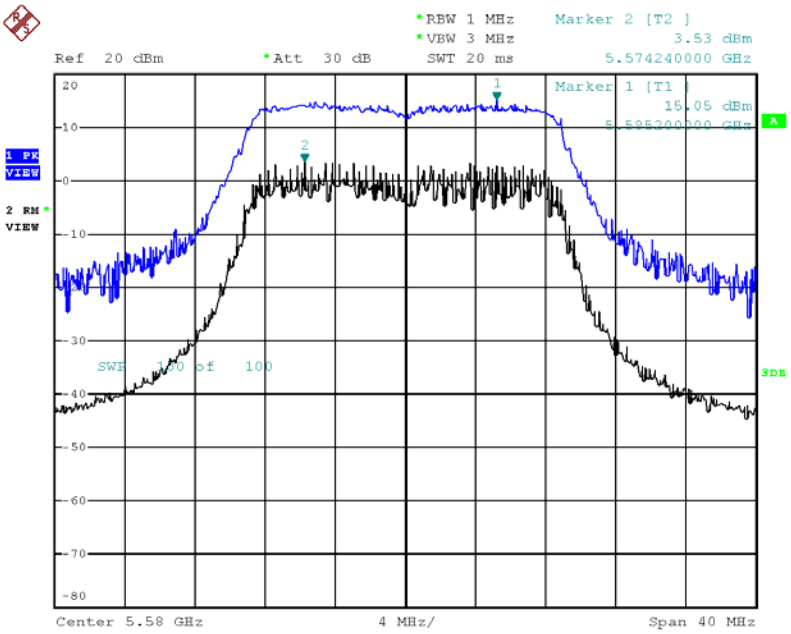
Date: 9.JUL.2013 21:06:06

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5260 MHz



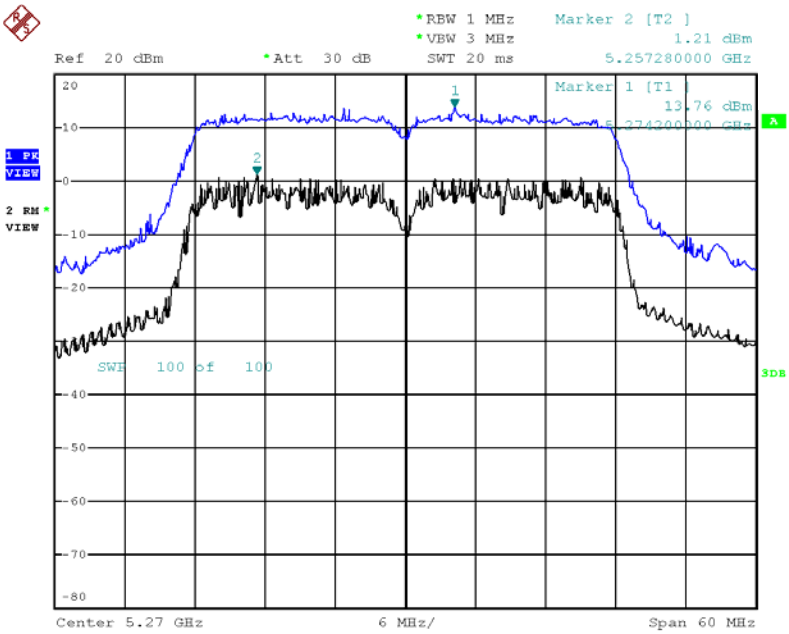
Date: 9.JUL.2013 21:22:14

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT20/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5580 MHz



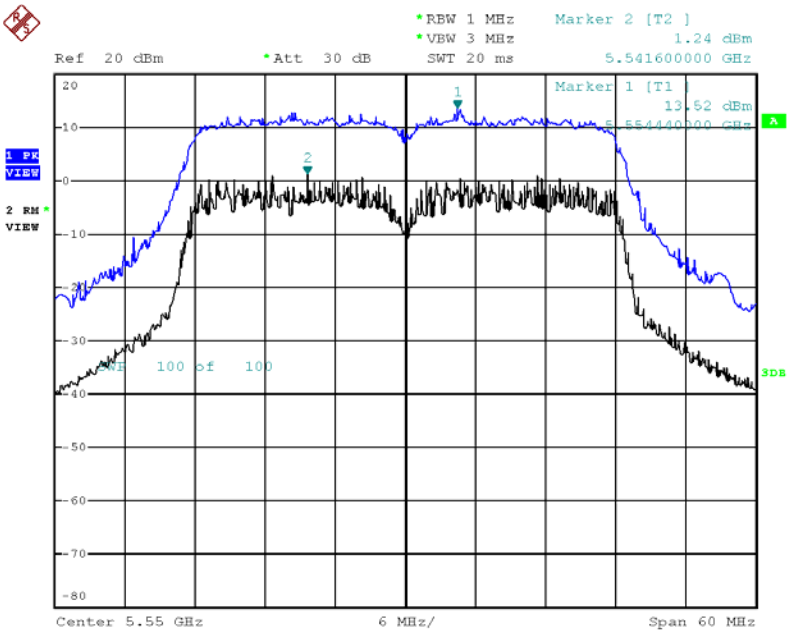
Date: 9.JUL.2013 21:52:52

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5270 MHz



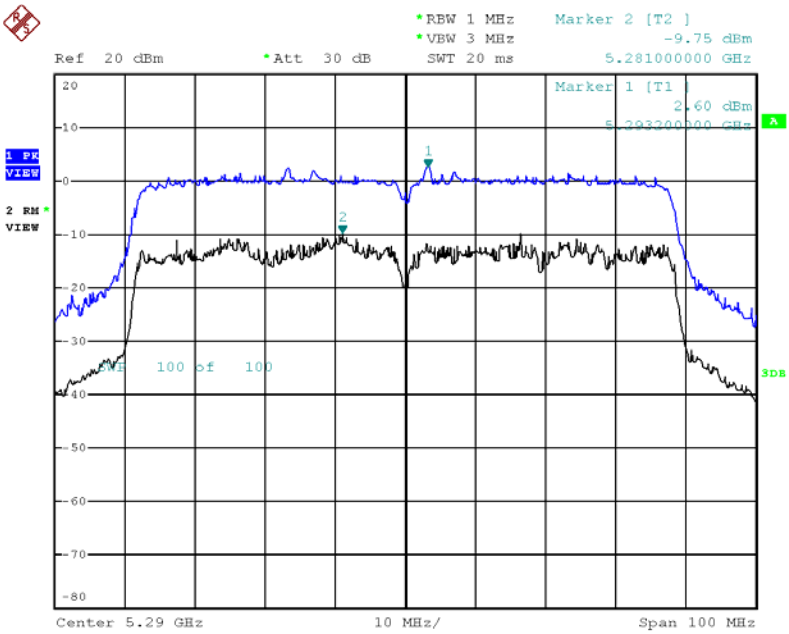
Date: 9.JUL.2013 22:04:50

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT40/ Chain 1 + Chain 2 + Chain 3 / 16QAM(MCS3) / 5550 MHz



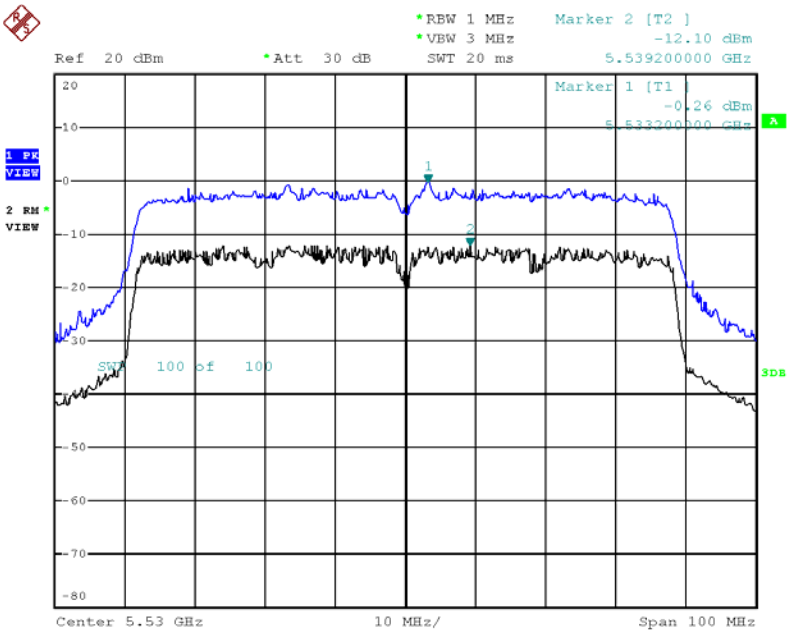
Date: 9.JUL.2013 22:12:30

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / QPSK(MCS1) / 5290 MHz



Date: 9.JUL.2013 22:23:14

Peak Excursion Plot on Configuration IEEE 802.11ac MCS0/Nss3 VHT80/ Chain 1 + Chain 2 + Chain 3 / 64QAM(MCS5) / 5530 MHz



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4.6. Radiated Emissions Measurement

4.6.1. Limit

For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.25-5.35 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.470-5.725 GHz band shall not exceed a -27dBm peak limit or average 54dBuV/m and peak 74dBuV/m limits. In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.6.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1 MHz / 10Hz for Average
RBW / VBW (Emission in non-restricted band)	1MHz / 3MHz for peak

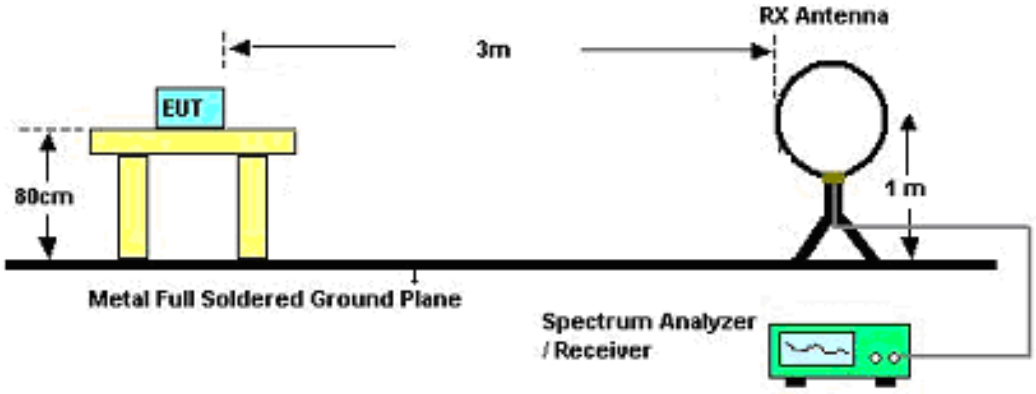
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RBW 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RBW 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RBW 120kHz for QP

4.6.3. Test Procedures

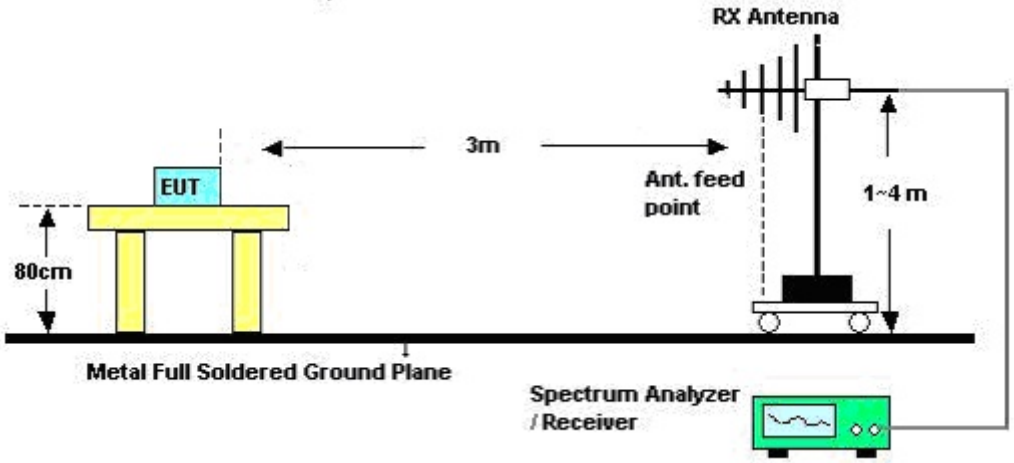
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

4.6.4. Test Setup Layout

For radiated emissions below 1GHz



For radiated emissions above 1GHz



4.6.5. Test Deviation

There is no deviation with the original standard.

4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Results of Radiated Emissions (9kHz~30MHz)

Temperature	24.5℃	Humidity	57%
Test Engineer	Jim Huang	Configurations	CTX
Test Date	May 11, 2013		

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Limit Line (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

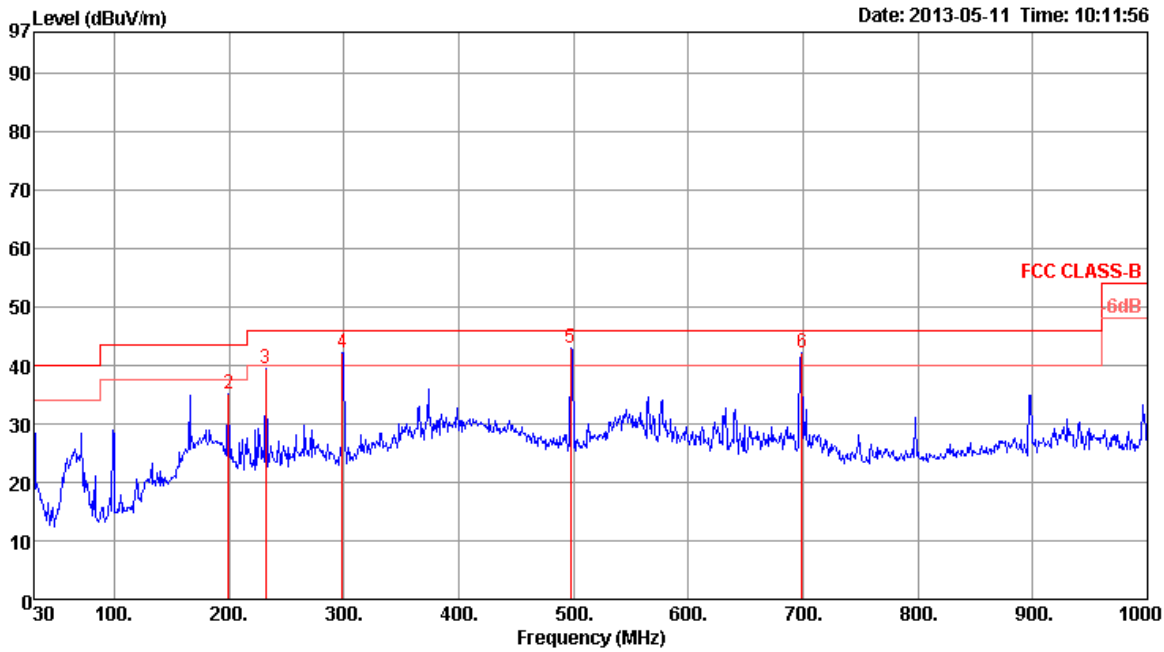
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

4.6.8. Results of Radiated Emissions (30MHz~1GHz)

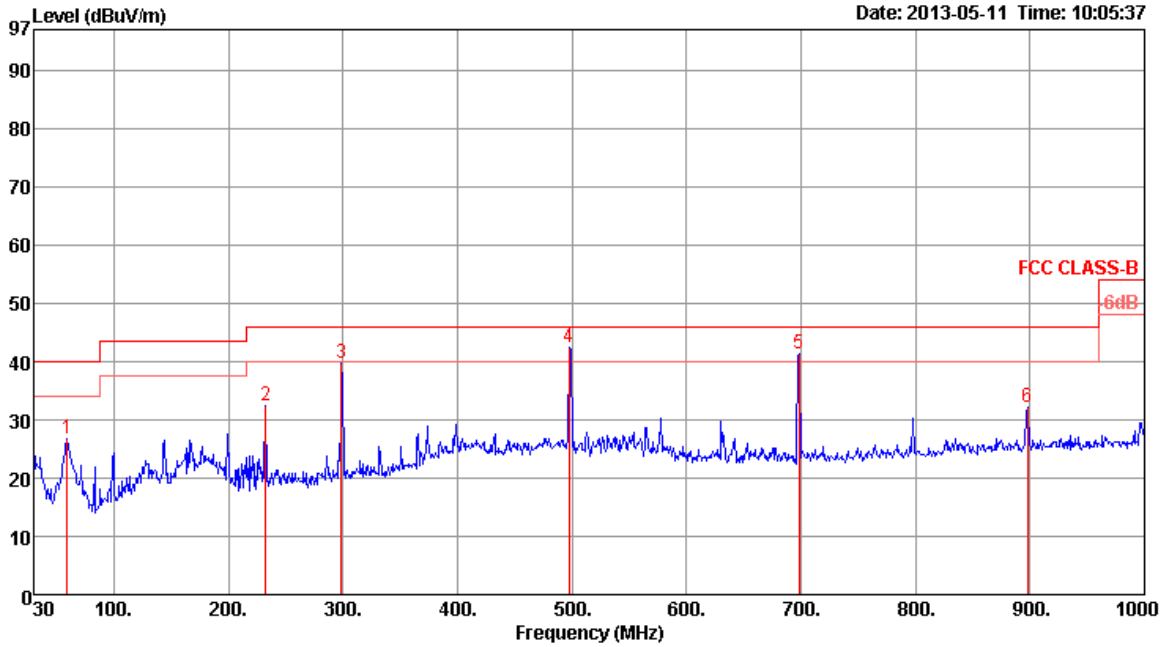
Temperature	24.5°C	Humidity	57%
Test Engineer	Jim Huang	Configurations	CTX

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	30.00	31.84	40.00	-8.16	40.27	0.61	18.76	27.80	Peak	400	0	HORIZONTAL
2	199.75	35.22	43.50	-8.28	51.61	1.66	9.05	27.10	Peak	400	0	HORIZONTAL
3	231.76	39.34	46.00	-6.66	53.23	1.74	11.41	27.04	Peak	400	0	HORIZONTAL
4	298.69	42.12	46.00	-3.88	53.64	2.03	13.35	26.90	Peak	400	0	HORIZONTAL
5	497.54	42.87	46.00	-3.13	50.72	2.66	17.58	28.09	Peak	400	0	HORIZONTAL
6	699.30	42.27	46.00	-3.73	48.08	3.10	19.09	28.00	Peak	400	0	HORIZONTAL

Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	59.10	26.81	40.00	-13.19	46.72	0.90	6.95	27.76	Peak	400	0	VERTICAL
2	232.73	32.47	46.00	-13.53	46.28	1.74	11.48	27.03	Peak	400	0	VERTICAL
3	298.69	39.72	46.00	-6.28	51.24	2.03	13.35	26.90	Peak	400	0	VERTICAL
4	497.54	42.35	46.00	-3.65	50.20	2.66	17.58	28.09	Peak	400	0	VERTICAL
5	698.33	41.47	46.00	-4.53	47.29	3.10	19.08	28.00	Peak	400	0	VERTICAL
6	898.15	32.16	46.00	-13.84	35.50	3.54	20.52	27.40	Peak	400	0	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

4.6.9. Results for Radiated Emissions (1GHz~40GHz)

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15771.32	52.15	74.00	-21.85	44.01	6.14	37.42	35.42	Peak	100	154	HORIZONTAL
2	15789.00	39.16	54.00	-14.84	31.03	6.14	37.41	35.42	Average	100	154	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15775.56	39.35	54.00	-14.65	31.21	6.14	37.42	35.42	Average	100	59	VERTICAL
2	15782.08	51.88	74.00	-22.12	43.75	6.14	37.41	35.42	Peak	100	59	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15838.00	51.18	74.00	-22.82	43.12	6.14	37.36	35.44	Peak	100	300	HORIZONTAL
2	15848.32	38.62	54.00	-15.38	30.59	6.14	37.34	35.45	Average	100	300	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15848.68	50.86	74.00	-23.14	42.83	6.14	37.34	35.45	Peak	101	203	VERTICAL
2	15849.44	38.55	54.00	-15.45	30.52	6.14	37.34	35.45	Average	101	203	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10603.16	48.28	74.00	-25.72	40.31	5.01	38.38	35.42	Peak	100	169	HORIZONTAL
2	10604.36	36.12	54.00	-17.88	28.15	5.01	38.38	35.42	Average	100	169	HORIZONTAL
3	15894.44	40.23	54.00	-13.77	32.22	6.15	37.30	35.44	Average	100	115	HORIZONTAL
4	15903.08	52.64	74.00	-21.36	44.64	6.15	37.29	35.44	Peak	100	115	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10603.20	48.62	74.00	-25.38	40.65	5.01	38.38	35.42	Peak	100	119	VERTICAL
2	10604.36	36.20	54.00	-17.80	28.23	5.01	38.38	35.42	Average	100	119	VERTICAL
3	15898.08	52.64	74.00	-21.36	44.64	6.15	37.29	35.44	Peak	100	33	VERTICAL
4	15906.44	39.91	54.00	-14.09	31.91	6.15	37.29	35.44	Average	100	33	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.56	48.42	74.00	-25.58	40.43	5.01	38.37	35.39	Peak	100	316	HORIZONTAL
2	10642.84	35.67	54.00	-18.33	27.68	5.01	38.37	35.39	Average	100	316	HORIZONTAL
3	15950.72	51.85	74.00	-22.15	43.91	6.15	37.23	35.44	Peak	100	259	HORIZONTAL
4	15960.12	39.40	54.00	-14.60	31.46	6.15	37.23	35.44	Average	100	259	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10631.48	35.65	54.00	-18.35	27.66	5.01	38.37	35.39	Average	100	228	VERTICAL
2	10636.00	48.15	74.00	-25.85	40.16	5.01	38.37	35.39	Peak	100	228	VERTICAL
3	15953.12	52.90	74.00	-21.10	44.96	6.15	37.23	35.44	Peak	100	317	VERTICAL
4	15963.44	39.39	54.00	-14.61	31.45	6.15	37.23	35.44	Average	100	317	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10993.68	35.78	54.00	-18.22	27.55	5.01	38.32	35.10	Average	100	292	HORIZONTAL
2	11009.36	49.00	74.00	-25.00	40.76	5.02	38.33	35.11	Peak	100	292	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10992.08	48.85	74.00	-25.15	40.64	5.01	38.30	35.10	Peak	100	230	VERTICAL
2	11009.40	35.79	54.00	-18.21	27.56	5.02	38.32	35.11	Average	100	230	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11152.80	36.36	54.00	-17.64	28.03	5.04	38.45	35.16	Average	100	261	HORIZONTAL
2	11164.24	48.76	74.00	-25.24	40.41	5.05	38.47	35.17	Peak	100	261	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11153.96	50.21	74.00	-23.79	41.88	5.04	38.45	35.16	Peak	100	325	VERTICAL
2	11159.68	37.21	54.00	-16.79	28.87	5.04	38.47	35.17	Average	100	325	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11406.44	36.54	54.00	-17.46	27.99	5.10	38.70	35.25	Average	100	233	HORIZONTAL
2	11407.44	48.85	74.00	-25.15	40.30	5.10	38.70	35.25	Peak	100	233	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.04	36.67	54.00	-17.33	28.12	5.10	38.70	35.25	Average	100	288	VERTICAL
2	11408.52	49.08	74.00	-24.92	40.53	5.10	38.70	35.25	Peak	100	288	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15801.56	39.42	54.00	-14.58	31.32	6.14	37.39	35.43	Average	100	158	HORIZONTAL
2	15810.64	51.62	74.00	-22.38	43.54	6.14	37.37	35.43	Peak	100	158	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15803.48	39.44	54.00	-14.56	31.34	6.14	37.39	35.43	Average	100	275	VERTICAL
2	15804.84	52.62	74.00	-21.38	44.52	6.14	37.39	35.43	Peak	100	275	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 62 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10615.32	48.64	74.00	-25.36	40.67	5.01	38.38	35.42	Peak	100	254	HORIZONTAL
2	10620.88	35.90	54.00	-18.10	27.93	5.01	38.38	35.42	Average	100	254	HORIZONTAL
3	15923.44	39.44	54.00	-14.56	31.46	6.15	37.27	35.44	Average	100	153	HORIZONTAL
4	15939.12	51.70	74.00	-22.30	43.74	6.15	37.25	35.44	Peak	100	153	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10610.08	35.82	54.00	-18.18	27.85	5.01	38.38	35.42	Average	100	119	VERTICAL
2	10612.24	48.63	74.00	-25.37	40.66	5.01	38.38	35.42	Peak	100	119	VERTICAL
3	15922.12	52.44	74.00	-21.56	44.46	6.15	37.27	35.44	Peak	100	37	VERTICAL
4	15928.32	39.36	54.00	-14.64	31.38	6.15	37.27	35.44	Average	100	37	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11025.68	49.23	74.00	-24.77	40.98	5.02	38.34	35.11	Peak	100	221	HORIZONTAL
2	11026.20	35.99	54.00	-18.01	27.74	5.02	38.34	35.11	Average	100	221	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11023.00	35.97	54.00	-18.03	27.73	5.02	38.33	35.11	Average	100	121	VERTICAL
2	11029.32	48.50	74.00	-25.50	40.26	5.02	38.33	35.11	Peak	100	121	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11096.20	49.56	74.00	-24.44	41.27	5.03	38.40	35.14	Peak	100	303	HORIZONTAL
2	11100.12	36.86	54.00	-17.14	28.57	5.03	38.40	35.14	Average	100	303	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11094.16	36.84	54.00	-17.16	28.55	5.03	38.40	35.14	Average	100	304	VERTICAL
2	11100.36	49.47	74.00	-24.53	41.18	5.03	38.40	35.14	Peak	100	304	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11344.04	48.81	74.00	-25.19	40.33	5.09	38.63	35.24	Peak	100	227	HORIZONTAL
2	11347.72	36.42	54.00	-17.58	27.92	5.09	38.65	35.24	Average	100	227	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11348.56	36.45	54.00	-17.55	27.95	5.09	38.65	35.24	Average	100	180	VERTICAL
2	11348.84	48.65	74.00	-25.35	40.15	5.09	38.65	35.24	Peak	100	180	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15880.24	52.12	74.00	-21.88	44.11	6.15	37.30	35.44	Peak	100	258	HORIZONTAL
2	15880.56	39.69	54.00	-14.31	31.68	6.15	37.30	35.44	Average	100	258	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15874.64	51.71	74.00	-22.29	43.69	6.14	37.32	35.44	Peak	100	344	VERTICAL
2	15876.40	39.49	54.00	-14.51	31.47	6.14	37.32	35.44	Average	100	344	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 106 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11078.24	36.88	54.00	-17.12	28.60	5.03	38.38	35.13	Average	100	291	HORIZONTAL
2	11094.56	49.94	74.00	-24.06	41.65	5.03	38.40	35.14	Peak	100	291	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11090.24	36.68	54.00	-17.32	28.41	5.03	38.38	35.14	Average	100	263	VERTICAL
2	11099.36	49.35	74.00	-24.65	41.06	5.03	38.40	35.14	Peak	100	263	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15773.88	51.67	74.00	-22.33	43.53	6.14	37.42	35.42	Peak	100	183	HORIZONTAL
2	15789.88	39.03	54.00	-14.97	30.90	6.14	37.41	35.42	Average	100	183	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15774.32	51.38	74.00	-22.62	43.24	6.14	37.42	35.42	Peak	100	305	VERTICAL
2	15786.28	39.23	54.00	-14.77	31.10	6.14	37.41	35.42	Average	100	305	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15848.40	38.70	54.00	-15.30	30.67	6.14	37.34	35.45	Average	100	284	HORIZONTAL
2	15848.68	50.88	74.00	-23.12	42.85	6.14	37.34	35.45	Peak	100	284	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15832.08	51.42	74.00	-22.58	43.36	6.14	37.36	35.44	Peak	100	194	VERTICAL
2	15849.52	38.66	54.00	-15.34	30.63	6.14	37.34	35.45	Average	100	194	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.04	48.56	74.00	-25.44	40.59	5.01	38.38	35.42	Peak	100	162	HORIZONTAL
2	10606.00	35.91	54.00	-18.09	27.94	5.01	38.38	35.42	Average	100	162	HORIZONTAL
3	15891.36	39.56	54.00	-14.44	31.55	6.15	37.30	35.44	Average	100	263	HORIZONTAL
4	15901.32	51.39	74.00	-22.61	43.39	6.15	37.29	35.44	Peak	100	263	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10590.88	36.19	54.00	-17.81	28.24	5.01	38.38	35.44	Average	100	141	VERTICAL
2	10606.08	48.79	74.00	-25.21	40.82	5.01	38.38	35.42	Peak	100	141	VERTICAL
3	15892.52	52.08	74.00	-21.92	44.07	6.15	37.30	35.44	Peak	100	270	VERTICAL
4	15902.20	39.50	54.00	-14.50	31.50	6.15	37.29	35.44	Average	100	270	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10631.40	35.38	54.00	-18.62	27.39	5.01	38.37	35.39	Average	100	203	HORIZONTAL
2	10642.72	48.18	74.00	-25.82	40.19	5.01	38.37	35.39	Peak	100	203	HORIZONTAL
3	15953.96	39.23	54.00	-14.77	31.29	6.15	37.23	35.44	Average	100	302	HORIZONTAL
4	15956.96	52.09	74.00	-21.91	44.15	6.15	37.23	35.44	Peak	100	302	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10631.52	35.46	54.00	-18.54	27.47	5.01	38.37	35.39	Average	100	100	VERTICAL
2	10646.72	47.87	74.00	-26.13	39.88	5.01	38.37	35.39	Peak	100	100	VERTICAL
3	15957.40	39.31	54.00	-14.69	31.37	6.15	37.23	35.44	Average	100	207	VERTICAL
4	15958.56	51.62	74.00	-22.38	43.68	6.15	37.23	35.44	Peak	100	207	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.96	48.22	74.00	-25.78	39.99	5.01	38.32	35.10	Peak	100	274	HORIZONTAL
2	11010.00	35.66	54.00	-18.34	27.42	5.02	38.33	35.11	Average	100	274	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11007.00	35.70	54.00	-18.30	27.48	5.01	38.32	35.11	Average	100	155	VERTICAL
2	11008.60	47.45	74.00	-26.55	39.23	5.01	38.32	35.11	Peak	100	155	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11155.04	55.95	74.00	-18.05	47.62	5.04	38.45	35.16	Peak	132	68	HORIZONTAL
2	11156.76	41.53	54.00	-12.47	33.20	5.04	38.45	35.16	Average	132	68	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11158.08	51.86	74.00	-22.14	43.53	5.04	38.45	35.16	Peak	100	127	VERTICAL
2	11160.76	38.60	54.00	-15.40	30.26	5.04	38.47	35.17	Average	100	127	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.84	48.97	74.00	-25.03	40.44	5.10	38.68	35.25	Peak	100	161	HORIZONTAL
2	11403.28	36.59	54.00	-17.41	28.04	5.10	38.70	35.25	Average	100	161	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11395.26	49.05	74.00	-24.95	40.52	5.10	38.68	35.25	Peak	100	252	VERTICAL
2	11397.12	36.59	54.00	-17.41	28.04	5.10	38.70	35.25	Average	100	252	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.34	39.07	54.00	-14.93	30.97	6.14	37.39	35.43	Average	100	234	HORIZONTAL
2	15808.90	51.36	74.00	-22.64	43.26	6.14	37.39	35.43	Peak	100	234	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.18	39.11	54.00	-14.89	31.01	6.14	37.39	35.43	Average	100	151	VERTICAL
2	15808.02	51.52	74.00	-22.48	43.42	6.14	37.39	35.43	Peak	100	151	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10617.00	48.01	74.00	-25.99	40.04	5.01	38.38	35.42	Peak	100	179	HORIZONTAL
2	10622.12	35.90	54.00	-18.10	27.93	5.01	38.38	35.42	Average	100	179	HORIZONTAL
3	15929.02	39.09	54.00	-14.91	31.11	6.15	37.27	35.44	Average	100	265	HORIZONTAL
4	15932.80	52.12	74.00	-21.88	44.16	6.15	37.25	35.44	Peak	100	265	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10622.64	48.42	74.00	-25.58	40.45	5.01	38.38	35.42	Peak	100	114	VERTICAL
2	10624.14	35.87	54.00	-18.13	27.87	5.01	38.38	35.39	Average	100	114	VERTICAL
3	15925.64	39.04	54.00	-14.96	31.06	6.15	37.27	35.44	Average	100	177	VERTICAL
4	15926.32	52.21	74.00	-21.79	44.23	6.15	37.27	35.44	Peak	100	177	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11016.62	48.40	74.00	-25.60	40.16	5.02	38.33	35.11	Peak	100	86	HORIZONTAL
2	11018.68	35.91	54.00	-18.09	27.67	5.02	38.33	35.11	Average	100	86	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11018.64	35.83	54.00	-18.17	27.60	5.02	38.32	35.11	Average	100	172	VERTICAL
2	11021.84	48.27	74.00	-25.73	40.04	5.02	38.32	35.11	Peak	100	172	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11098.74	49.08	74.00	-24.92	40.79	5.03	38.40	35.14	Peak	100	163	HORIZONTAL
2	11099.80	37.21	54.00	-16.79	28.92	5.03	38.40	35.14	Average	100	163	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.82	37.42	54.00	-16.58	29.13	5.03	38.40	35.14	Average	100	262	VERTICAL
2	11099.92	49.18	74.00	-24.82	40.89	5.03	38.40	35.14	Peak	100	262	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11342.92	36.65	54.00	-17.35	28.17	5.09	38.63	35.24	Average	100	60	HORIZONTAL
2	11344.64	50.04	74.00	-23.96	41.56	5.09	38.63	35.24	Peak	100	60	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11337.84	49.19	74.00	-24.81	40.72	5.08	38.63	35.24	Peak	100	144	VERTICAL
2	11343.40	36.74	54.00	-17.26	28.26	5.09	38.63	35.24	Average	100	144	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15865.90	38.82	54.00	-15.18	30.81	6.14	37.32	35.45	Average	100	149	HORIZONTAL
2	15867.64	52.31	74.00	-21.69	44.30	6.14	37.32	35.45	Peak	100	149	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15865.16	51.52	74.00	-22.48	43.51	6.14	37.32	35.45	Peak	100	243	VERTICAL
2	15868.20	38.87	54.00	-15.13	30.86	6.14	37.32	35.45	Average	100	243	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11058.38	48.73	74.00	-25.27	40.47	5.02	38.37	35.13	Peak	100	231	HORIZONTAL
2	11064.86	36.30	54.00	-17.70	28.03	5.03	38.37	35.13	Average	100	231	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11057.64	49.22	74.00	-24.78	40.96	5.02	38.37	35.13	Peak	100	310	VERTICAL
2	11062.80	36.23	54.00	-17.77	27.96	5.03	38.37	35.13	Average	100	310	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15772.28	52.55	74.00	-21.45	44.41	6.14	37.42	35.42	Peak	100	139	HORIZONTAL
2	15786.12	39.27	54.00	-14.73	31.14	6.14	37.41	35.42	Average	100	139	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15774.04	39.27	54.00	-14.73	31.13	6.14	37.42	35.42	Average	100	236	VERTICAL
2	15774.24	51.50	74.00	-22.50	43.36	6.14	37.42	35.42	Peak	100	236	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15843.44	38.65	54.00	-15.35	30.60	6.14	37.36	35.45	Average	100	233	HORIZONTAL
2	15848.60	51.15	74.00	-22.85	43.12	6.14	37.34	35.45	Peak	100	233	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15837.52	51.30	74.00	-22.70	43.24	6.14	37.36	35.44	Peak	100	127	VERTICAL
2	15849.96	38.57	54.00	-15.43	30.54	6.14	37.34	35.45	Average	100	127	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.04	36.28	54.00	-17.72	28.31	5.01	38.38	35.42	Average	100	256	HORIZONTAL
2	10600.88	48.43	74.00	-25.57	40.46	5.01	38.38	35.42	Peak	100	256	HORIZONTAL
3	15895.88	39.51	54.00	-14.49	31.51	6.15	37.29	35.44	Average	100	182	HORIZONTAL
4	15900.00	52.60	74.00	-21.40	44.60	6.15	37.29	35.44	Peak	100	182	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10598.16	36.48	54.00	-17.52	28.51	5.01	38.38	35.42	Average	100	195	VERTICAL
2	10599.76	48.56	74.00	-25.44	40.59	5.01	38.38	35.42	Peak	100	195	VERTICAL
3	15890.28	39.59	54.00	-14.41	31.58	6.15	37.30	35.44	Average	100	101	VERTICAL
4	15908.36	51.75	74.00	-22.25	43.75	6.15	37.29	35.44	Peak	100	101	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10638.72	35.66	54.00	-18.34	27.67	5.01	38.37	35.39	Average	100	238	HORIZONTAL
2	10639.64	47.57	74.00	-26.43	39.58	5.01	38.37	35.39	Peak	100	238	HORIZONTAL
3	15964.52	39.18	54.00	-14.82	31.25	6.15	37.22	35.44	Average	100	320	HORIZONTAL
4	15965.44	51.27	74.00	-22.73	43.34	6.15	37.22	35.44	Peak	100	320	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.04	47.38	74.00	-26.62	39.39	5.01	38.37	35.39	Peak	100	144	VERTICAL
2	10637.60	35.64	54.00	-18.36	27.65	5.01	38.37	35.39	Average	100	144	VERTICAL
3	15956.68	38.99	54.00	-15.01	31.05	6.15	37.23	35.44	Average	100	242	VERTICAL
4	15958.88	50.73	74.00	-23.27	42.79	6.15	37.23	35.44	Peak	100	242	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch100 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11005.44	35.79	54.00	-18.21	27.56	5.01	38.33	35.11	Average	100	249	HORIZONTAL
2	11007.40	47.55	74.00	-26.45	39.32	5.01	38.33	35.11	Peak	100	249	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11005.76	35.75	54.00	-18.25	27.53	5.01	38.32	35.11	Average	100	162	VERTICAL
2	11007.32	48.44	74.00	-25.56	40.22	5.01	38.32	35.11	Peak	100	162	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch116 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11158.64	53.71	74.00	-20.29	45.37	5.04	38.47	35.17	Peak	148	69	HORIZONTAL
2	11160.28	39.56	54.00	-14.44	31.22	5.04	38.47	35.17	Average	148	69	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11160.40	40.05	54.00	-13.95	31.71	5.04	38.47	35.17	Average	146	22	VERTICAL
2	11161.32	55.99	74.00	-18.01	47.65	5.04	38.47	35.17	Peak	146	22	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11406.12	48.72	74.00	-25.28	40.17	5.10	38.70	35.25	Peak	100	207	HORIZONTAL
2	11409.64	36.54	54.00	-17.46	27.99	5.10	38.70	35.25	Average	100	207	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11403.32	36.64	54.00	-17.36	28.09	5.10	38.70	35.25	Average	100	288	VERTICAL
2	11404.28	50.08	74.00	-23.92	41.53	5.10	38.70	35.25	Peak	100	288	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.00	52.59	74.00	-21.41	44.49	6.14	37.39	35.43	Peak	100	137	HORIZONTAL
2	15810.92	39.40	54.00	-14.60	31.32	6.14	37.37	35.43	Average	100	137	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15807.88	39.07	54.00	-14.93	30.97	6.14	37.39	35.43	Average	100	231	VERTICAL
2	15808.08	51.56	74.00	-22.44	43.46	6.14	37.39	35.43	Peak	100	231	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10612.72	35.75	54.00	-18.25	27.78	5.01	38.38	35.42	Average	100	273	HORIZONTAL
2	10625.24	48.34	74.00	-25.66	40.34	5.01	38.38	35.39	Peak	100	273	HORIZONTAL
3	15922.52	39.11	54.00	-14.89	31.13	6.15	37.27	35.44	Average	100	188	HORIZONTAL
4	15938.84	51.92	74.00	-22.08	43.96	6.15	37.25	35.44	Peak	100	188	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10614.44	35.84	54.00	-18.16	27.87	5.01	38.38	35.42	Average	100	164	VERTICAL
2	10614.92	47.71	74.00	-26.29	39.74	5.01	38.38	35.42	Peak	100	164	VERTICAL
3	15922.60	39.21	54.00	-14.79	31.23	6.15	37.27	35.44	Average	100	90	VERTICAL
4	15924.04	51.33	74.00	-22.67	43.35	6.15	37.27	35.44	Peak	100	90	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11026.80	35.79	54.00	-18.21	27.54	5.02	38.34	35.11	Average	100	271	HORIZONTAL
2	11028.00	48.27	74.00	-25.73	40.02	5.02	38.34	35.11	Peak	100	271	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11018.28	35.80	54.00	-18.20	27.57	5.02	38.32	35.11	Average	100	178	VERTICAL
2	11019.32	47.87	74.00	-26.13	39.64	5.02	38.32	35.11	Peak	100	178	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.72	48.64	74.00	-25.36	40.35	5.03	38.40	35.14	Peak	100	213	HORIZONTAL
2	11098.72	36.91	54.00	-17.09	28.62	5.03	38.40	35.14	Average	100	213	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11098.08	37.32	54.00	-16.68	29.03	5.03	38.40	35.14	Average	100	134	VERTICAL
2	11103.20	50.62	74.00	-23.38	42.33	5.03	38.40	35.14	Peak	100	134	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.56	48.98	74.00	-25.02	40.50	5.09	38.63	35.24	Peak	100	165	HORIZONTAL
2	11347.80	36.35	54.00	-17.65	27.85	5.09	38.65	35.24	Average	100	165	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11338.24	48.57	74.00	-25.43	40.10	5.08	38.63	35.24	Peak	100	78	VERTICAL
2	11344.12	36.82	54.00	-17.18	28.34	5.09	38.63	35.24	Average	100	78	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15870.52	51.12	74.00	-22.88	43.10	6.14	37.32	35.44	Peak	100	151	HORIZONTAL
2	15879.00	38.79	54.00	-15.21	30.79	6.14	37.30	35.44	Average	100	151	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15878.84	51.18	74.00	-22.82	43.18	6.14	37.30	35.44	Peak	100	249	VERTICAL
2	15879.04	39.01	54.00	-14.99	31.01	6.14	37.30	35.44	Average	100	249	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.44	36.10	54.00	-17.90	27.84	5.02	38.37	35.13	Average	100	196	HORIZONTAL
2	11064.60	48.43	74.00	-25.57	40.16	5.03	38.37	35.13	Peak	100	196	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11063.76	48.08	74.00	-25.92	39.81	5.03	38.37	35.13	Peak	100	271	VERTICAL
2	11069.60	36.31	54.00	-17.69	28.04	5.03	38.37	35.13	Average	100	271	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15770.19	36.94	54.00	-17.06	28.80	6.14	37.42	35.42	Average	100	310	HORIZONTAL
2	15772.02	49.00	74.00	-25.00	40.86	6.14	37.42	35.42	Peak	100	310	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15775.42	37.35	54.00	-16.65	29.21	6.14	37.42	35.42	Average	100	224	VERTICAL
2	15786.70	49.16	74.00	-24.84	41.03	6.14	37.41	35.42	Peak	100	224	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15835.16	38.69	54.00	-15.31	30.63	6.14	37.36	35.44	Average	100	290	HORIZONTAL
2	15849.96	51.07	74.00	-22.93	43.04	6.14	37.34	35.45	Peak	100	290	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15841.88	38.57	54.00	-15.43	30.51	6.14	37.36	35.44	Average	100	193	VERTICAL
2	15841.96	51.07	74.00	-22.93	43.01	6.14	37.36	35.44	Peak	100	193	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.22	37.31	54.00	-16.69	29.34	5.01	38.38	35.42	Average	100	49	HORIZONTAL
2	10603.14	49.79	74.00	-24.21	41.82	5.01	38.38	35.42	Peak	100	49	HORIZONTAL
3	15896.70	48.91	74.00	-25.09	40.91	6.15	37.29	35.44	Peak	100	169	HORIZONTAL
4	15898.69	37.10	54.00	-16.90	29.10	6.15	37.29	35.44	Average	100	169	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.77	49.48	74.00	-24.52	41.51	5.01	38.38	35.42	Peak	100	139	VERTICAL
2	10604.68	37.61	54.00	-16.39	29.64	5.01	38.38	35.42	Average	100	139	VERTICAL
3	15897.08	37.18	54.00	-16.82	29.18	6.15	37.29	35.44	Average	100	294	VERTICAL
4	15900.99	49.83	74.00	-24.17	41.83	6.15	37.29	35.44	Peak	100	294	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10648.04	36.67	54.00	-17.33	28.68	5.01	38.37	35.39	Average	100	65	HORIZONTAL
2	10649.49	49.20	74.00	-24.80	41.19	5.01	38.37	35.37	Peak	100	65	HORIZONTAL
3	15955.22	36.51	54.00	-17.49	28.57	6.15	37.23	35.44	Average	100	147	HORIZONTAL
4	15968.17	49.47	74.00	-24.53	41.54	6.15	37.22	35.44	Peak	100	147	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10639.94	49.39	74.00	-24.61	41.40	5.01	38.37	35.39	Peak	100	173	VERTICAL
2	10642.88	36.70	54.00	-17.30	28.71	5.01	38.37	35.39	Average	100	173	VERTICAL
3	15951.54	36.67	54.00	-17.33	28.73	6.15	37.23	35.44	Average	100	252	VERTICAL
4	15953.75	49.56	74.00	-24.44	41.62	6.15	37.23	35.44	Peak	100	252	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10990.64	49.17	74.00	-24.83	40.94	5.01	38.32	35.10	Peak	100	88	HORIZONTAL
2	11000.64	36.84	54.00	-17.16	28.61	5.01	38.32	35.10	Average	100	88	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.92	50.61	74.00	-23.39	42.40	5.01	38.30	35.10	Peak	100	182	VERTICAL
2	11009.46	36.65	54.00	-17.35	28.42	5.02	38.32	35.11	Average	100	182	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11164.33	38.96	54.00	-15.04	30.61	5.05	38.47	35.17	Average	100	298	HORIZONTAL
2	11167.21	50.89	74.00	-23.11	42.54	5.05	38.47	35.17	Peak	100	298	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.28	40.02	54.00	-13.98	31.68	5.04	38.47	35.17	Average	100	40	VERTICAL
2	11163.29	52.37	74.00	-21.63	44.02	5.05	38.47	35.17	Peak	100	40	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11401.06	49.89	74.00	-24.11	41.34	5.10	38.70	35.25	Peak	100	303	HORIZONTAL
2	11405.51	37.07	54.00	-16.93	28.52	5.10	38.70	35.25	Average	100	303	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11397.31	49.54	74.00	-24.46	40.99	5.10	38.70	35.25	Peak	100	190	VERTICAL
2	11405.00	37.05	54.00	-16.95	28.50	5.10	38.70	35.25	Average	100	190	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15804.90	48.83	74.00	-25.17	40.73	6.14	37.39	35.43	Peak	100	201	HORIZONTAL
2	15811.28	35.74	54.00	-18.26	27.66	6.14	37.37	35.43	Average	100	201	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15812.15	37.26	54.00	-16.74	29.18	6.14	37.37	35.43	Average	100	87	VERTICAL
2	15817.60	49.29	74.00	-24.71	41.21	6.14	37.37	35.43	Peak	100	87	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10611.96	36.72	54.00	-17.28	28.75	5.01	38.38	35.42	Average	100	168	HORIZONTAL
2	10613.97	49.49	74.00	-24.51	41.52	5.01	38.38	35.42	Peak	100	168	HORIZONTAL
3	15937.24	36.50	54.00	-17.50	28.54	6.15	37.25	35.44	Average	100	310	HORIZONTAL
4	15939.62	48.92	74.00	-25.08	40.96	6.15	37.25	35.44	Peak	100	310	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10622.08	49.74	74.00	-24.26	41.77	5.01	38.38	35.42	Peak	100	96	VERTICAL
2	10622.18	36.74	54.00	-17.26	28.77	5.01	38.38	35.42	Average	100	96	VERTICAL
3	15927.76	49.30	74.00	-24.70	41.32	6.15	37.27	35.44	Peak	100	180	VERTICAL
4	15939.20	36.46	54.00	-17.54	28.50	6.15	37.25	35.44	Average	100	180	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11014.74	36.59	54.00	-17.41	28.35	5.02	38.33	35.11	Average	100	135	HORIZONTAL
2	11016.57	49.94	74.00	-24.06	41.70	5.02	38.33	35.11	Peak	100	135	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11013.75	36.77	54.00	-17.23	28.54	5.02	38.32	35.11	Average	100	269	VERTICAL
2	11014.65	49.17	74.00	-24.83	40.94	5.02	38.32	35.11	Peak	100	269	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11094.39	49.37	74.00	-24.63	41.08	5.03	38.40	35.14	Peak	100	284	HORIZONTAL
2	11105.51	36.94	54.00	-17.06	28.65	5.03	38.40	35.14	Average	100	284	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11095.90	49.92	74.00	-24.08	41.63	5.03	38.40	35.14	Peak	100	264	VERTICAL
2	11099.78	37.19	54.00	-16.81	28.90	5.03	38.40	35.14	Average	100	264	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11339.42	49.29	74.00	-24.71	40.82	5.08	38.63	35.24	Peak	100	231	HORIZONTAL
2	11344.36	37.41	54.00	-16.59	28.93	5.09	38.63	35.24	Average	100	231	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11340.42	37.86	54.00	-16.14	29.38	5.09	38.63	35.24	Average	100	90	VERTICAL
2	11346.73	49.44	74.00	-24.56	40.94	5.09	38.65	35.24	Peak	100	90	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15868.85	49.68	74.00	-24.32	41.67	6.14	37.32	35.45	Peak	100	200	HORIZONTAL
2	15877.47	36.96	54.00	-17.04	28.94	6.14	37.32	35.44	Average	100	200	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15871.03	37.08	54.00	-16.92	29.06	6.14	37.32	35.44	Average	100	100	VERTICAL
2	15875.16	49.42	74.00	-24.58	41.40	6.14	37.32	35.44	Peak	100	100	VERTICAL

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11065.35	37.07	54.00	-16.93	28.80	5.03	38.37	35.13	Average	100	266	HORIZONTAL
2	11067.72	49.72	74.00	-24.28	41.45	5.03	38.37	35.13	Peak	100	266	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11050.74	37.21	54.00	-16.79	28.96	5.02	38.35	35.12	Average	100	157	VERTICAL
2	11053.27	50.01	74.00	-23.99	41.76	5.02	38.35	35.12	Peak	100	157	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15773.88	49.84	74.00	-24.16	41.70	6.14	37.42	35.42	Peak	100	286	HORIZONTAL
2	15774.62	37.38	54.00	-16.62	29.24	6.14	37.42	35.42	Average	100	286	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.58	37.89	54.00	-16.11	29.76	6.14	37.41	35.42	Average	100	167	VERTICAL
2	15786.41	49.61	74.00	-24.39	41.48	6.14	37.41	35.42	Peak	100	167	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15833.72	50.67	74.00	-23.33	42.61	6.14	37.36	35.44	Peak	100	133	HORIZONTAL
2	15847.40	38.62	54.00	-15.38	30.59	6.14	37.34	35.45	Average	100	133	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15834.36	51.14	74.00	-22.86	43.08	6.14	37.36	35.44	Peak	100	225	VERTICAL
2	15849.92	38.70	54.00	-15.30	30.67	6.14	37.34	35.45	Average	100	225	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10590.48	49.32	74.00	-24.68	41.37	5.01	38.38	35.44	Peak	100	322	HORIZONTAL
2	10598.43	36.08	54.00	-17.92	28.11	5.01	38.38	35.42	Average	100	322	HORIZONTAL
3	15899.62	49.46	74.00	-24.54	41.46	6.15	37.29	35.44	Peak	100	216	HORIZONTAL
4	15905.51	37.72	54.00	-16.28	29.72	6.15	37.29	35.44	Average	100	216	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10590.13	49.22	74.00	-24.78	41.27	5.01	38.38	35.44	Peak	100	267	VERTICAL
2	10591.99	36.15	54.00	-17.85	28.20	5.01	38.38	35.44	Average	100	267	VERTICAL
3	15895.42	38.54	54.00	-15.46	30.53	6.15	37.30	35.44	Average	100	83	VERTICAL
4	15897.53	51.55	74.00	-22.45	43.55	6.15	37.29	35.44	Peak	100	83	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.47	36.12	54.00	-17.88	28.13	5.01	38.37	35.39	Average	100	63	HORIZONTAL
2	10649.71	49.12	74.00	-24.88	41.11	5.01	38.37	35.37	Peak	100	63	HORIZONTAL
3	15952.15	36.65	54.00	-17.35	28.71	6.15	37.23	35.44	Average	100	272	HORIZONTAL
4	15962.47	49.78	74.00	-24.22	41.84	6.15	37.23	35.44	Peak	100	134	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10633.43	49.04	74.00	-24.96	41.05	5.01	38.37	35.39	Peak	100	118	VERTICAL
2	10638.56	35.95	54.00	-18.05	27.96	5.01	38.37	35.39	Average	100	118	VERTICAL
3	15950.77	48.87	74.00	-25.13	40.93	6.15	37.23	35.44	Peak	100	211	VERTICAL
4	15950.96	36.85	54.00	-17.15	28.91	6.15	37.23	35.44	Average	100	211	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10997.66	48.31	74.00	-25.69	40.08	5.01	38.32	35.10	Peak	100	126	HORIZONTAL
2	11000.93	36.05	54.00	-17.95	27.82	5.01	38.32	35.10	Average	100	126	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.66	35.90	54.00	-18.10	27.69	5.01	38.30	35.10	Average	100	278	VERTICAL
2	11003.49	49.30	74.00	-24.70	41.09	5.01	38.30	35.10	Peak	100	278	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.36	36.63	54.00	-17.37	28.29	5.04	38.47	35.17	Average	100	112	HORIZONTAL
2	11161.44	50.24	74.00	-23.76	41.90	5.04	38.47	35.17	Peak	100	112	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11153.11	38.07	54.00	-15.93	29.74	5.04	38.45	35.16	Average	100	287	VERTICAL
2	11167.21	49.16	74.00	-24.84	40.81	5.05	38.47	35.17	Peak	100	287	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.01	36.31	54.00	-17.69	27.76	5.10	38.70	35.25	Average	100	249	HORIZONTAL
2	11407.28	48.71	74.00	-25.29	40.16	5.10	38.70	35.25	Peak	100	249	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11391.47	48.73	74.00	-25.27	40.20	5.10	38.68	35.25	Peak	100	156	VERTICAL
2	11401.06	36.18	54.00	-17.82	27.63	5.10	38.70	35.25	Average	100	156	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15787.88	49.51	74.00	-24.49	41.38	6.14	37.41	35.42	Peak	100	247	HORIZONTAL
2	15816.81	37.03	54.00	-16.97	28.95	6.14	37.37	35.43	Average	100	247	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15814.01	37.22	54.00	-16.78	29.14	6.14	37.37	35.43	Average	100	131	VERTICAL
2	15833.08	49.17	74.00	-24.83	41.11	6.14	37.36	35.44	Peak	100	131	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10616.47	36.37	54.00	-17.63	28.40	5.01	38.38	35.42	Average	100	202	HORIZONTAL
2	10621.52	48.95	74.00	-25.05	40.98	5.01	38.38	35.42	Peak	100	202	HORIZONTAL
3	15936.57	36.95	54.00	-17.05	28.99	6.15	37.25	35.44	Average	100	326	HORIZONTAL
4	15943.78	50.26	74.00	-23.74	42.30	6.15	37.25	35.44	Peak	100	326	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10622.96	36.39	54.00	-17.61	28.42	5.01	38.38	35.42	Average	100	173	VERTICAL
2	10630.34	48.95	74.00	-25.05	40.96	5.01	38.37	35.39	Peak	100	173	VERTICAL
3	15940.58	36.92	54.00	-17.08	28.96	6.15	37.25	35.44	Average	100	257	VERTICAL
4	15940.82	49.54	74.00	-24.46	41.58	6.15	37.25	35.44	Peak	100	257	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11027.37	36.08	54.00	-17.92	27.83	5.02	38.34	35.11	Average	100	103	HORIZONTAL
2	11032.82	48.22	74.00	-25.78	39.98	5.02	38.34	35.12	Peak	100	103	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.17	48.38	74.00	-25.62	40.17	5.01	38.30	35.10	Peak	100	186	VERTICAL
2	11031.46	36.19	54.00	-17.81	27.96	5.02	38.33	35.12	Average	100	186	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11078.93	48.63	74.00	-25.37	40.35	5.03	38.38	35.13	Peak	100	232	HORIZONTAL
2	11102.08	36.54	54.00	-17.46	28.25	5.03	38.40	35.14	Average	100	232	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11096.39	36.52	54.00	-17.48	28.23	5.03	38.40	35.14	Average	100	151	VERTICAL
2	11110.74	48.91	74.00	-25.09	40.61	5.03	38.42	35.15	Peak	100	151	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11317.24	49.17	74.00	-24.83	40.70	5.08	38.62	35.23	Peak	100	210	HORIZONTAL
2	11337.52	36.85	54.00	-17.15	28.38	5.08	38.63	35.24	Average	100	210	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11332.39	36.84	54.00	-17.16	28.36	5.08	38.63	35.23	Average	100	319	VERTICAL
2	11340.08	49.25	74.00	-24.75	40.78	5.08	38.63	35.24	Peak	100	319	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15854.13	37.37	54.00	-16.63	29.34	6.14	37.34	35.45	Average	100	197	HORIZONTAL
2	15888.67	49.96	74.00	-24.04	41.95	6.15	37.30	35.44	Peak	100	197	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15866.47	37.54	54.00	-16.46	29.53	6.14	37.32	35.45	Average	100	315	VERTICAL
2	15870.48	50.11	74.00	-23.89	42.09	6.14	37.32	35.44	Peak	100	315	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11083.56	47.60	74.00	-26.40	39.33	5.03	38.38	35.14	Peak	100	197	HORIZONTAL
2	11084.84	36.04	54.00	-17.96	27.77	5.03	38.38	35.14	Average	100	197	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11066.09	36.02	54.00	-17.98	27.75	5.03	38.37	35.13	Average	100	118	VERTICAL
2	11071.22	48.42	74.00	-25.58	40.15	5.03	38.37	35.13	Peak	100	118	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch52 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15771.76	51.54	74.00	-22.46	43.40	6.14	37.42	35.42	Peak	100	163	HORIZONTAL
2	15778.84	39.94	54.00	-14.06	31.81	6.14	37.41	35.42	Average	100	163	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15781.52	53.73	74.00	-20.27	45.60	6.14	37.41	35.42	Peak	100	82	VERTICAL
2	15782.40	41.09	54.00	-12.91	32.96	6.14	37.41	35.42	Average	100	82	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch56 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15841.56	38.73	54.00	-15.27	30.67	6.14	37.36	35.44	Average	100	248	HORIZONTAL
2	15842.32	51.29	74.00	-22.71	43.23	6.14	37.36	35.44	Peak	100	248	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15840.04	51.33	74.00	-22.67	43.27	6.14	37.36	35.44	Peak	100	224	VERTICAL
2	15844.28	38.50	54.00	-15.50	30.45	6.14	37.36	35.45	Average	100	224	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch60 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.44	48.23	74.00	-25.77	40.26	5.01	38.38	35.42	Peak	100	209	HORIZONTAL
2	10601.84	35.87	54.00	-18.13	27.90	5.01	38.38	35.42	Average	100	209	HORIZONTAL
3	15907.24	39.09	54.00	-14.91	31.09	6.15	37.29	35.44	Average	100	123	HORIZONTAL
4	15910.00	51.32	74.00	-22.68	43.32	6.15	37.29	35.44	Peak	100	123	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10602.52	36.12	54.00	-17.88	28.15	5.01	38.38	35.42	Average	100	140	VERTICAL
2	10605.84	48.86	74.00	-25.14	40.89	5.01	38.38	35.42	Peak	100	140	VERTICAL
3	15891.00	39.40	54.00	-14.60	31.39	6.15	37.30	35.44	Average	100	203	VERTICAL
4	15901.04	51.30	74.00	-22.70	43.30	6.15	37.29	35.44	Peak	100	203	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch64 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10630.04	35.33	54.00	-18.67	27.33	5.01	38.38	35.39	Average	100	223	HORIZONTAL
2	10645.76	47.67	74.00	-26.33	39.68	5.01	38.37	35.39	Peak	100	223	HORIZONTAL
3	15951.68	39.13	54.00	-14.87	31.19	6.15	37.23	35.44	Average	100	160	HORIZONTAL
4	15967.36	51.16	74.00	-22.84	43.23	6.15	37.22	35.44	Peak	100	160	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10630.72	35.48	54.00	-18.52	27.49	5.01	38.37	35.39	Average	100	175	VERTICAL
2	10633.60	47.52	74.00	-26.48	39.53	5.01	38.37	35.39	Peak	100	175	VERTICAL
3	15952.24	51.66	74.00	-22.34	43.72	6.15	37.23	35.44	Peak	100	235	VERTICAL
4	15952.72	39.21	54.00	-14.79	31.27	6.15	37.23	35.44	Average	100	235	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch100 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.68	35.54	54.00	-18.46	27.31	5.01	38.32	35.10	Average	100	216	HORIZONTAL
2	11006.88	49.05	74.00	-24.95	40.82	5.01	38.33	35.11	Peak	100	216	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11006.56	35.52	54.00	-18.48	27.30	5.01	38.32	35.11	Average	100	132	VERTICAL
2	11009.76	47.80	74.00	-26.20	39.57	5.02	38.32	35.11	Peak	100	132	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch116 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11157.92	48.02	74.00	-25.98	39.69	5.04	38.45	35.16	Peak	100	245	HORIZONTAL
2	11160.48	36.81	54.00	-17.19	28.47	5.04	38.47	35.17	Average	100	245	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.36	50.12	74.00	-23.88	41.78	5.04	38.47	35.17	Peak	100	136	VERTICAL
2	11161.40	38.42	54.00	-15.58	30.08	5.04	38.47	35.17	Average	100	136	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 Ch140 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11394.68	48.79	74.00	-25.21	40.26	5.10	38.68	35.25	Peak	100	181	HORIZONTAL
2	11404.60	36.41	54.00	-17.59	27.86	5.10	38.70	35.25	Average	100	181	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11402.32	48.61	74.00	-25.39	40.06	5.10	38.70	35.25	Peak	100	270	VERTICAL
2	11407.36	36.38	54.00	-17.62	27.83	5.10	38.70	35.25	Average	100	270	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch54 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15813.24	51.95	74.00	-22.05	43.87	6.14	37.37	35.43	Peak	100	301	HORIZONTAL
2	15819.52	39.29	54.00	-14.71	31.22	6.14	37.37	35.44	Average	100	301	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.12	50.91	74.00	-23.09	42.81	6.14	37.39	35.43	Peak	100	176	VERTICAL
2	15817.68	39.62	54.00	-14.38	31.54	6.14	37.37	35.43	Average	100	176	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch 62 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10621.72	48.03	74.00	-25.97	40.06	5.01	38.38	35.42	Peak	100	155	HORIZONTAL
2	10622.64	35.94	54.00	-18.06	27.97	5.01	38.38	35.42	Average	100	155	HORIZONTAL
3	15927.92	51.57	74.00	-22.43	43.59	6.15	37.27	35.44	Peak	100	237	HORIZONTAL
4	15939.20	38.93	54.00	-15.07	30.97	6.15	37.25	35.44	Average	100	237	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10612.68	35.98	54.00	-18.02	28.01	5.01	38.38	35.42	Average	100	231	VERTICAL
2	10629.56	48.11	74.00	-25.89	40.11	5.01	38.38	35.39	Peak	100	231	VERTICAL
3	15923.88	52.81	74.00	-21.19	44.83	6.15	37.27	35.44	Peak	100	154	VERTICAL
4	15926.40	39.13	54.00	-14.87	31.15	6.15	37.27	35.44	Average	100	154	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch102 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11024.96	48.03	74.00	-25.97	39.78	5.02	38.34	35.11	Peak	100	267	HORIZONTAL
2	11029.64	35.86	54.00	-18.14	27.61	5.02	38.34	35.11	Average	100	267	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11020.16	47.47	74.00	-26.53	39.24	5.02	38.32	35.11	Peak	100	175	VERTICAL
2	11026.92	35.73	54.00	-18.27	27.49	5.02	38.33	35.11	Average	100	175	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch110 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11092.92	36.58	54.00	-17.42	28.29	5.03	38.40	35.14	Average	100	215	HORIZONTAL
2	11100.28	48.87	74.00	-25.13	40.58	5.03	38.40	35.14	Peak	100	215	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11094.44	36.81	54.00	-17.19	28.52	5.03	38.40	35.14	Average	100	137	VERTICAL
2	11106.92	48.27	74.00	-25.73	39.98	5.03	38.40	35.14	Peak	100	137	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 Ch134 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11347.36	48.22	74.00	-25.78	39.72	5.09	38.65	35.24	Peak	100	257	HORIZONTAL
2	11347.80	36.33	54.00	-17.67	27.83	5.09	38.65	35.24	Average	100	257	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11345.84	48.33	74.00	-25.67	39.85	5.09	38.63	35.24	Peak	100	161	VERTICAL
2	11347.88	36.70	54.00	-17.30	28.20	5.09	38.65	35.24	Average	100	161	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 Ch58 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15867.52	51.21	74.00	-22.79	43.20	6.14	37.32	35.45	Peak	100	303	HORIZONTAL
2	15878.96	39.03	54.00	-14.97	31.03	6.14	37.30	35.44	Average	100	303	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15863.36	51.27	74.00	-22.73	43.26	6.14	37.32	35.45	Peak	100	204	VERTICAL
2	15877.16	38.96	54.00	-15.04	30.94	6.14	37.32	35.44	Average	100	204	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 Ch 106 / 3TX / Chain 1 + Chain 2 + Chain 3
Test Date	Jun. 01, 2013	Test Mode	Mode 1 (Ant.1 Dipole antenna / 8dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11056.08	48.46	74.00	-25.54	40.20	5.02	38.36	35.12	Peak	100	155	HORIZONTAL
2	11065.24	36.04	54.00	-17.96	27.77	5.03	38.37	35.13	Average	100	155	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.60	36.23	54.00	-17.77	27.97	5.02	38.37	35.13	Average	100	277	VERTICAL
2	11068.64	48.89	74.00	-25.11	40.62	5.03	38.37	35.13	Peak	100	277	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.75	39.76	54.00	-14.24	31.63	6.14	37.41	35.42	Average	100	241	HORIZONTAL
2	15779.98	52.21	74.00	-21.79	44.08	6.14	37.41	35.42	Peak	100	241	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15779.15	39.76	54.00	-14.24	31.63	6.14	37.41	35.42	Average	100	164	VERTICAL
2	15781.90	52.09	74.00	-21.91	43.96	6.14	37.41	35.42	Peak	100	164	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch56 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15832.02	37.10	54.00	-16.90	29.04	6.14	37.36	35.44	Average	100	90	HORIZONTAL
2	15848.88	50.10	74.00	-23.90	42.07	6.14	37.34	35.45	Peak	100	90	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15848.17	49.86	74.00	-24.14	41.83	6.14	37.34	35.45	Peak	100	261	VERTICAL
2	15848.81	37.12	54.00	-16.88	29.09	6.14	37.34	35.45	Average	100	261	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.48	36.73	54.00	-17.27	28.76	5.01	38.38	35.42	Average	100	210	HORIZONTAL
2	10600.48	48.83	74.00	-25.17	40.86	5.01	38.38	35.42	Peak	100	210	HORIZONTAL
3	15899.40	52.56	74.00	-21.44	44.56	6.15	37.29	35.44	Peak	100	140	HORIZONTAL
4	15900.44	39.56	54.00	-14.44	31.56	6.15	37.29	35.44	Average	100	140	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.96	36.72	54.00	-17.28	28.75	5.01	38.38	35.42	Average	100	120	VERTICAL
2	10600.96	47.69	74.00	-26.31	39.72	5.01	38.38	35.42	Peak	100	120	VERTICAL
3	15901.85	52.21	74.00	-21.79	44.21	6.15	37.29	35.44	Peak	100	216	VERTICAL
4	15902.41	39.57	54.00	-14.43	31.57	6.15	37.29	35.44	Average	100	216	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10638.65	37.21	54.00	-16.79	29.22	5.01	38.37	35.39	Average	100	226	HORIZONTAL
2	10640.00	49.43	74.00	-24.57	41.44	5.01	38.37	35.39	Peak	100	226	HORIZONTAL
3	15958.56	51.72	74.00	-22.28	43.78	6.15	37.23	35.44	Peak	100	296	HORIZONTAL
4	15959.93	39.55	54.00	-14.45	31.61	6.15	37.23	35.44	Average	100	296	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10638.23	37.04	54.00	-16.96	29.05	5.01	38.37	35.39	Average	100	136	VERTICAL
2	10641.78	49.32	74.00	-24.68	41.33	5.01	38.37	35.39	Peak	100	136	VERTICAL
3	15958.24	39.57	54.00	-14.43	31.63	6.15	37.23	35.44	Average	100	227	VERTICAL
4	15959.60	51.96	74.00	-22.04	44.02	6.15	37.23	35.44	Peak	100	227	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10996.58	37.66	54.00	-16.34	29.43	5.01	38.32	35.10	Average	100	240	HORIZONTAL
2	11000.00	49.68	74.00	-24.32	41.45	5.01	38.32	35.10	Peak	100	240	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10996.86	50.49	74.00	-23.51	42.28	5.01	38.30	35.10	Peak	100	161	VERTICAL
2	10997.80	37.57	54.00	-16.43	29.36	5.01	38.30	35.10	Average	100	161	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11159.50	40.92	54.00	-13.08	32.58	5.04	38.47	35.17	Average	100	290	HORIZONTAL
2	11164.80	54.11	74.00	-19.89	45.76	5.05	38.47	35.17	Peak	100	290	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11158.90	55.70	74.00	-18.30	47.36	5.04	38.47	35.17	Peak	100	358	VERTICAL
2	11159.80	43.40	54.00	-10.60	35.06	5.04	38.47	35.17	Average	100	358	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11399.80	50.26	74.00	-23.74	41.71	5.10	38.70	35.25	Peak	100	174	HORIZONTAL
2	11401.20	37.90	54.00	-16.10	29.35	5.10	38.70	35.25	Average	100	174	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11398.99	50.28	74.00	-23.72	41.73	5.10	38.70	35.25	Peak	100	250	VERTICAL
2	11402.45	38.02	54.00	-15.98	29.47	5.10	38.70	35.25	Average	100	250	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.40	52.70	74.00	-21.30	44.60	6.14	37.39	35.43	Peak	100	247	HORIZONTAL
2	15812.10	39.43	54.00	-14.57	31.35	6.14	37.37	35.43	Average	100	247	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15809.87	52.16	74.00	-21.84	44.06	6.14	37.39	35.43	Peak	100	169	VERTICAL
2	15811.80	39.49	54.00	-14.51	31.41	6.14	37.37	35.43	Average	100	169	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 62 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10621.66	37.05	54.00	-16.95	29.08	5.01	38.38	35.42	Average	100	214	HORIZONTAL
2	10621.66	47.80	74.00	-26.20	39.83	5.01	38.38	35.42	Peak	100	214	HORIZONTAL
3	15928.44	39.45	54.00	-14.55	31.47	6.15	37.27	35.44	Average	100	189	HORIZONTAL
4	15930.13	52.57	74.00	-21.43	44.61	6.15	37.25	35.44	Peak	100	189	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10617.77	50.10	74.00	-23.90	42.13	5.01	38.38	35.42	Peak	100	177	VERTICAL
2	10619.31	37.11	54.00	-16.89	29.14	5.01	38.38	35.42	Average	100	177	VERTICAL
3	15928.00	39.30	54.00	-14.70	31.32	6.15	37.27	35.44	Average	100	105	VERTICAL
4	15931.29	51.74	74.00	-22.26	43.78	6.15	37.25	35.44	Peak	100	105	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11021.08	50.15	74.00	-23.85	41.91	5.02	38.33	35.11	Peak	100	221	HORIZONTAL
2	11024.64	37.33	54.00	-16.67	29.08	5.02	38.34	35.11	Average	100	221	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11015.60	37.39	54.00	-16.61	29.16	5.02	38.32	35.11	Average	100	128	VERTICAL
2	11019.60	49.16	74.00	-24.84	40.93	5.02	38.32	35.11	Peak	100	128	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11093.32	38.76	54.00	-15.24	30.47	5.03	38.40	35.14	Average	100	61	HORIZONTAL
2	11097.80	52.37	74.00	-21.63	44.08	5.03	38.40	35.14	Peak	100	61	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11097.60	49.65	74.00	-24.35	41.36	5.03	38.40	35.14	Peak	100	166	VERTICAL
2	11098.04	38.48	54.00	-15.52	30.19	5.03	38.40	35.14	Average	100	166	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11337.16	37.43	54.00	-16.57	28.96	5.08	38.63	35.24	Average	100	263	HORIZONTAL
2	11344.14	50.35	74.00	-23.65	41.87	5.09	38.63	35.24	Peak	100	263	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11335.06	50.28	74.00	-23.72	41.80	5.08	38.63	35.23	Peak	100	172	VERTICAL
2	11343.58	37.71	54.00	-16.29	29.23	5.09	38.63	35.24	Average	100	172	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15872.23	51.38	74.00	-22.62	43.36	6.14	37.32	35.44	Peak	100	148	HORIZONTAL
2	15872.45	39.58	54.00	-14.42	31.56	6.14	37.32	35.44	Average	100	148	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15869.98	39.29	54.00	-14.71	31.27	6.14	37.32	35.44	Average	100	218	VERTICAL
2	15870.29	51.88	74.00	-22.12	43.86	6.14	37.32	35.44	Peak	100	218	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 106 / 1TX / Chain 1
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11061.21	37.65	54.00	-16.35	29.38	5.03	38.37	35.13	Average	100	180	HORIZONTAL
2	11062.28	49.88	74.00	-24.12	41.61	5.03	38.37	35.13	Peak	100	180	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11057.68	37.51	54.00	-16.49	29.25	5.02	38.37	35.13	Average	100	282	VERTICAL
2	11061.49	50.60	74.00	-23.40	42.33	5.03	38.37	35.13	Peak	100	282	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch52 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15782.72	39.33	54.00	-14.67	31.20	6.14	37.41	35.42	Average	100	178	HORIZONTAL
2	15785.00	51.94	74.00	-22.06	43.81	6.14	37.41	35.42	Peak	100	178	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15772.60	52.42	74.00	-21.58	44.28	6.14	37.42	35.42	Peak	100	125	VERTICAL
2	15786.10	39.19	54.00	-14.81	31.06	6.14	37.41	35.42	Average	100	125	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15845.96	52.21	74.00	-21.79	44.18	6.14	37.34	35.45	Peak	100	170	HORIZONTAL
2	15846.92	39.15	54.00	-14.85	31.12	6.14	37.34	35.45	Average	100	170	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15847.00	52.65	74.00	-21.35	44.62	6.14	37.34	35.45	Peak	100	224	VERTICAL
2	15850.00	39.16	54.00	-14.84	31.13	6.14	37.34	35.45	Average	100	224	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch60 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.48	37.09	54.00	-16.91	29.12	5.01	38.38	35.42	Average	100	161	HORIZONTAL
2	10608.96	49.62	74.00	-24.38	41.65	5.01	38.38	35.42	Peak	100	161	HORIZONTAL
3	15898.00	51.82	74.00	-22.18	43.82	6.15	37.29	35.44	Peak	100	126	HORIZONTAL
4	15909.44	39.67	54.00	-14.33	31.67	6.15	37.29	35.44	Average	100	126	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.60	37.48	54.00	-16.52	29.51	5.01	38.38	35.42	Average	100	66	VERTICAL
2	10602.00	50.78	74.00	-23.22	42.81	5.01	38.38	35.42	Peak	100	66	VERTICAL
3	15892.44	52.25	74.00	-21.75	44.24	6.15	37.30	35.44	Peak	100	36	VERTICAL
4	15909.12	39.79	54.00	-14.21	31.79	6.15	37.29	35.44	Average	100	36	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10636.20	36.87	54.00	-17.13	28.88	5.01	38.37	35.39	Average	100	146	HORIZONTAL
2	10649.04	50.16	74.00	-23.84	42.15	5.01	38.37	35.37	Peak	100	146	HORIZONTAL
3	15965.12	51.94	74.00	-22.06	44.01	6.15	37.22	35.44	Peak	100	187	HORIZONTAL
4	15969.12	39.63	54.00	-14.37	31.70	6.15	37.22	35.44	Average	100	187	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10632.08	37.07	54.00	-16.93	29.08	5.01	38.37	35.39	Average	100	115	VERTICAL
2	10643.16	49.27	74.00	-24.73	41.28	5.01	38.37	35.39	Peak	100	115	VERTICAL
3	15968.40	51.91	74.00	-22.09	43.98	6.15	37.22	35.44	Peak	100	151	VERTICAL
4	15968.76	39.68	54.00	-14.32	31.75	6.15	37.22	35.44	Average	100	151	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch100 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11002.00	48.25	74.00	-25.75	40.02	5.01	38.32	35.10	Peak	100	144	HORIZONTAL
2	11007.56	35.56	54.00	-18.44	27.33	5.01	38.33	35.11	Average	100	144	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10999.24	35.43	54.00	-18.57	27.22	5.01	38.30	35.10	Average	100	185	VERTICAL
2	11001.48	47.44	74.00	-26.56	39.23	5.01	38.30	35.10	Peak	100	185	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch116 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11164.20	40.19	54.00	-13.81	31.84	5.05	38.47	35.17	Average	100	230	HORIZONTAL
2	11164.20	51.86	74.00	-22.14	43.51	5.05	38.47	35.17	Peak	100	230	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11164.90	45.57	54.00	-8.43	37.22	5.05	38.47	35.17	Average	100	184	VERTICAL
2	11166.50	56.63	74.00	-17.37	48.28	5.05	38.47	35.17	Peak	100	184	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.88	36.12	54.00	-17.88	27.59	5.10	38.68	35.25	Average	100	249	HORIZONTAL
2	11408.44	49.74	74.00	-24.26	41.19	5.10	38.70	35.25	Peak	100	249	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11390.24	36.25	54.00	-17.75	27.73	5.09	38.68	35.25	Average	100	225	VERTICAL
2	11408.64	48.63	74.00	-25.37	40.08	5.10	38.70	35.25	Peak	100	225	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15800.16	38.76	54.00	-15.24	30.66	6.14	37.39	35.43	Average	100	276	HORIZONTAL
2	15801.28	51.48	74.00	-22.52	43.38	6.14	37.39	35.43	Peak	100	276	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15801.40	38.92	54.00	-15.08	30.82	6.14	37.39	35.43	Average	100	238	VERTICAL
2	15808.08	51.56	74.00	-22.44	43.46	6.14	37.39	35.43	Peak	100	238	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10610.04	37.05	54.00	-16.95	29.08	5.01	38.38	35.42	Average	100	180	HORIZONTAL
2	10612.32	50.34	74.00	-23.66	42.37	5.01	38.38	35.42	Peak	100	180	HORIZONTAL
3	15920.96	39.79	54.00	-14.21	31.81	6.15	37.27	35.44	Average	100	215	HORIZONTAL
4	15927.88	52.33	74.00	-21.67	44.35	6.15	37.27	35.44	Peak	100	215	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10614.72	37.38	54.00	-16.62	29.41	5.01	38.38	35.42	Average	100	222	VERTICAL
2	10624.60	49.62	74.00	-24.38	41.62	5.01	38.38	35.39	Peak	100	222	VERTICAL
3	15921.56	53.29	74.00	-20.71	45.31	6.15	37.27	35.44	Peak	100	193	VERTICAL
4	15923.56	39.77	54.00	-14.23	31.79	6.15	37.27	35.44	Average	100	193	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11023.44	47.77	74.00	-26.23	39.52	5.02	38.34	35.11	Peak	100	182	HORIZONTAL
2	11029.68	35.71	54.00	-18.29	27.46	5.02	38.34	35.11	Average	100	182	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11015.12	48.22	74.00	-25.78	39.99	5.02	38.32	35.11	Peak	100	215	VERTICAL
2	11028.92	35.65	54.00	-18.35	27.41	5.02	38.33	35.11	Average	100	215	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11107.48	49.08	74.00	-24.92	40.78	5.03	38.42	35.15	Peak	100	153	HORIZONTAL
2	11109.04	37.18	54.00	-16.82	28.88	5.03	38.42	35.15	Average	100	153	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11094.08	49.44	74.00	-24.56	41.15	5.03	38.40	35.14	Peak	100	136	VERTICAL
2	11095.28	37.85	54.00	-16.15	29.56	5.03	38.40	35.14	Average	100	136	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11343.32	37.24	54.00	-16.76	28.76	5.09	38.63	35.24	Average	100	123	HORIZONTAL
2	11347.00	49.62	74.00	-24.38	41.12	5.09	38.65	35.24	Peak	100	123	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11334.32	38.22	54.00	-15.78	29.74	5.08	38.63	35.23	Average	100	180	VERTICAL
2	11344.32	49.53	74.00	-24.47	41.05	5.09	38.63	35.24	Peak	100	180	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15365.30	52.21	74.00	-21.79	42.95	6.01	38.42	35.17	Peak	100	158	HORIZONTAL
2	15366.00	40.11	54.00	-13.89	30.85	6.01	38.42	35.17	Average	100	158	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15887.00	49.74	74.00	-24.26	41.73	6.15	37.30	35.44	Peak	100	143	VERTICAL
2	15887.70	38.92	54.00	-15.08	30.91	6.15	37.30	35.44	Average	100	143	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 Ch 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11082.80	48.95	74.00	-25.05	40.68	5.03	38.38	35.14	Peak	100	165	HORIZONTAL
2	11084.30	36.79	54.00	-17.21	28.52	5.03	38.38	35.14	Average	100	165	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11081.20	49.01	74.00	-24.99	40.73	5.03	38.38	35.13	Peak	100	207	VERTICAL
2	11084.00	36.77	54.00	-17.23	28.50	5.03	38.38	35.14	Average	100	207	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch52 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15780.00	38.40	54.00	-15.60	30.27	6.14	37.41	35.42	Average	100	119	HORIZONTAL
2	15783.92	50.89	74.00	-23.11	42.76	6.14	37.41	35.42	Peak	100	119	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15778.30	38.43	54.00	-15.57	30.30	6.14	37.41	35.42	Average	100	194	VERTICAL
2	15783.40	50.57	74.00	-23.43	42.44	6.14	37.41	35.42	Peak	100	194	VERTICAL

Temperature	25.6℃	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch56 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15838.68	51.01	74.00	-22.99	42.95	6.14	37.36	35.44	Peak	100	205	HORIZONTAL
2	15843.96	38.29	54.00	-15.71	30.24	6.14	37.36	35.45	Average	100	205	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15837.26	51.72	74.00	-22.28	43.66	6.14	37.36	35.44	Peak	100	273	VERTICAL
2	15842.04	38.26	54.00	-15.74	30.20	6.14	37.36	35.44	Average	100	273	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch60 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10601.70	36.20	54.00	-17.80	28.23	5.01	38.38	35.42	Average	100	152	HORIZONTAL
2	10601.70	46.87	74.00	-27.13	38.90	5.01	38.38	35.42	Peak	100	152	HORIZONTAL
3	15901.18	51.82	74.00	-22.18	43.82	6.15	37.29	35.44	Peak	100	47	HORIZONTAL
4	15901.28	38.92	54.00	-15.08	30.92	6.15	37.29	35.44	Average	100	47	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10600.94	36.45	54.00	-17.55	28.48	5.01	38.38	35.42	Average	100	207	VERTICAL
2	10600.94	47.03	74.00	-26.97	39.06	5.01	38.38	35.42	Peak	100	207	VERTICAL
3	15904.42	38.87	54.00	-15.13	30.87	6.15	37.29	35.44	Average	100	134	VERTICAL
4	15904.82	52.19	74.00	-21.81	44.19	6.15	37.29	35.44	Peak	100	134	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch64 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.54	36.45	54.00	-17.55	28.46	5.01	38.37	35.39	Average	100	162	HORIZONTAL
2	10640.28	49.37	74.00	-24.63	41.38	5.01	38.37	35.39	Peak	100	162	HORIZONTAL
3	15962.34	51.93	74.00	-22.07	43.99	6.15	37.23	35.44	Peak	100	235	HORIZONTAL
4	15963.34	38.89	54.00	-15.11	30.95	6.15	37.23	35.44	Average	100	235	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10635.56	36.42	54.00	-17.58	28.43	5.01	38.37	35.39	Average	100	238	VERTICAL
2	10635.88	48.47	74.00	-25.53	40.48	5.01	38.37	35.39	Peak	100	238	VERTICAL
3	15963.82	51.18	74.00	-22.82	43.25	6.15	37.22	35.44	Peak	100	316	VERTICAL
4	15964.74	38.87	54.00	-15.13	30.94	6.15	37.22	35.44	Average	100	316	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch100 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10997.38	47.50	74.00	-26.50	39.27	5.01	38.32	35.10	Peak	100	108	HORIZONTAL
2	11004.68	34.86	54.00	-19.14	26.63	5.01	38.32	35.10	Average	100	108	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10998.70	47.78	74.00	-26.22	39.57	5.01	38.30	35.10	Peak	100	214	VERTICAL
2	11003.60	34.75	54.00	-19.25	26.54	5.01	38.30	35.10	Average	100	214	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch116 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11161.50	52.72	74.00	-21.28	44.38	5.04	38.47	35.17	Peak	100	295	HORIZONTAL
2	11161.90	40.00	54.00	-14.00	31.65	5.05	38.47	35.17	Average	100	295	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11164.40	55.10	74.00	-18.90	46.75	5.05	38.47	35.17	Peak	100	0	VERTICAL
2	11164.80	42.91	54.00	-11.09	34.56	5.05	38.47	35.17	Average	100	0	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 Ch140 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.22	35.41	54.00	-18.59	26.88	5.10	38.68	35.25	Average	100	93	HORIZONTAL
2	11402.58	48.00	74.00	-26.00	39.45	5.10	38.70	35.25	Peak	100	93	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11396.36	35.37	54.00	-18.63	26.84	5.10	38.68	35.25	Average	100	182	VERTICAL
2	11396.94	48.36	74.00	-25.64	39.83	5.10	38.68	35.25	Peak	100	182	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch54 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.82	50.10	74.00	-23.90	42.00	6.14	37.39	35.43	Peak	100	115	HORIZONTAL
2	15814.06	38.19	54.00	-15.81	30.11	6.14	37.37	35.43	Average	100	115	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15805.26	38.34	54.00	-15.66	30.24	6.14	37.39	35.43	Average	100	258	VERTICAL
2	15810.86	50.96	74.00	-23.04	42.88	6.14	37.37	35.43	Peak	100	258	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch 62 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10620.00	36.42	54.00	-17.58	28.45	5.01	38.38	35.42	Average	100	218	HORIZONTAL
2	10622.46	49.43	74.00	-24.57	41.46	5.01	38.38	35.42	Peak	100	218	HORIZONTAL
3	15928.10	38.66	54.00	-15.34	30.68	6.15	37.27	35.44	Average	100	319	HORIZONTAL
4	15928.50	51.17	74.00	-22.83	43.19	6.15	37.27	35.44	Peak	100	319	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	10619.40	36.63	54.00	-17.37	28.66	5.01	38.38	35.42	Average	100	157	VERTICAL
2	10621.20	48.92	74.00	-25.08	40.95	5.01	38.38	35.42	Peak	100	157	VERTICAL
3	15931.06	38.77	54.00	-15.23	30.81	6.15	37.25	35.44	Average	100	238	VERTICAL
4	15931.27	51.19	74.00	-22.81	43.23	6.15	37.25	35.44	Peak	100	238	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch102 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11018.04	34.87	54.00	-19.13	26.63	5.02	38.33	35.11	Average	100	205	HORIZONTAL
2	11018.37	47.31	74.00	-26.69	39.07	5.02	38.33	35.11	Peak	100	205	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11017.76	47.34	74.00	-26.66	39.11	5.02	38.32	35.11	Peak	100	128	VERTICAL
2	11021.27	34.75	54.00	-19.25	26.52	5.02	38.32	35.11	Average	100	128	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch110 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11097.87	48.63	74.00	-25.37	40.34	5.03	38.40	35.14	Peak	100	180	HORIZONTAL
2	11097.88	36.80	54.00	-17.20	28.51	5.03	38.40	35.14	Average	100	180	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11097.87	38.49	54.00	-15.51	30.20	5.03	38.40	35.14	Average	100	360	VERTICAL
2	11098.52	52.67	74.00	-21.33	44.38	5.03	38.40	35.14	Peak	100	360	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 Ch134 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11338.54	36.45	54.00	-17.55	27.98	5.08	38.63	35.24	Average	100	148	HORIZONTAL
2	11339.67	48.31	74.00	-25.69	39.84	5.08	38.63	35.24	Peak	100	148	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11341.42	35.92	54.00	-18.08	27.44	5.09	38.63	35.24	Average	100	249	VERTICAL
2	11341.47	48.76	74.00	-25.24	40.28	5.09	38.63	35.24	Peak	100	249	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch58 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15868.45	50.87	74.00	-23.13	42.86	6.14	37.32	35.45	Peak	100	227	HORIZONTAL
2	15870.12	37.92	54.00	-16.08	29.90	6.14	37.32	35.44	Average	100	227	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15868.74	51.52	74.00	-22.48	43.51	6.14	37.32	35.45	Peak	100	127	VERTICAL
2	15870.32	38.06	54.00	-15.94	30.04	6.14	37.32	35.44	Average	100	127	VERTICAL

Temperature	25.6°C	Humidity	56%
Test Engineer	Jim Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 Ch 106 / 2TX / Chain 1 + Chain 2
Test Date	Jun. 01, 2013	Test Mode	Mode 2 (Ant.3 Panel antenna / 12.5dBi)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11058.13	35.52	54.00	-18.48	27.26	5.02	38.37	35.13	Average	100	105	HORIZONTAL
2	11058.38	48.09	74.00	-25.91	39.83	5.02	38.37	35.13	Peak	100	105	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11059.13	47.97	74.00	-26.03	39.71	5.02	38.37	35.13	Peak	100	199	VERTICAL
2	11061.13	35.47	54.00	-18.53	27.20	5.03	38.37	35.13	Average	100	199	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.