

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17987.9	47.3	-25.5	46.7	26.1	H	54	6.7
17974.7	47.2	-25.5	46.7	26	V	54	6.8
17994.5	47.2	-25.5	46.7	26	V	54	6.8
17977.5	47.1	-25.5	46.7	25.9	H	54	6.9
17985.2	47.1	-25.5	46.7	25.9	H	54	6.9
17974.2	47	-25.5	46.7	25.8	H	54	7

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17964.2	47.3	-25.5	46.7	26.1	H	54	6.7
17992.8	47.2	-25.5	46.7	26	H	54	6.8
17982.4	47.1	-25.5	46.7	25.9	V	54	6.9
17979.1	47	-25.5	46.7	25.8	V	54	7
17993.4	47	-25.5	46.7	25.8	H	54	7
17972	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17987.9	47.3	-25.5	46.7	26.1	H	54	6.7
17985.7	47.2	-25.5	46.7	26	H	54	6.8
17989.5	47.2	-25.5	46.7	26	H	54	6.8
17979.1	47.1	-25.5	46.7	25.9	V	54	6.9
17998.3	47.1	-25.5	46.7	25.9	H	54	6.9
5350.1	40.9	-16.9	34	23.8	V	54	13.1

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17976.9	47.4	-25.5	46.7	26.2	H	54	6.6
17988.5	47.2	-25.5	46.7	26	H	54	6.8
17981.8	47.1	-25.5	46.7	25.9	H	54	6.9
17977.5	47	-25.5	46.7	25.8	H	54	7
17996.7	47	-25.5	46.7	25.8	H	54	7
5452.7	40.7	-16.8	34.2	23.3	H	54	13.3

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17981.8	47	-25.5	46.7	25.8	V	54	7
17991.2	47	-25.5	46.7	25.8	H	54	7
17953.8	46.9	-25.5	46.7	25.7	H	54	7.1
17958.8	46.9	-25.5	46.7	25.7	H	54	7.1
17970.3	46.9	-25.5	46.7	25.7	H	54	7.1
17975.2	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17969.8	47.5	-25.5	46.7	26.3	H	54	6.5
17984.6	47.1	-25.5	46.7	25.9	H	54	6.9
17985.7	47.1	-25.5	46.7	25.9	H	54	6.9
17986.8	47.1	-25.5	46.7	25.9	H	54	6.9
17964.8	46.9	-25.5	46.7	25.7	V	54	7.1
5725.3	43.6	-16.3	34.3	25.6	V	54	10.4

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17986.2	47.4	-25.5	46.7	26.2	V	54	6.6
17987.9	47.4	-25.5	46.7	26.2	V	54	6.6
17993.4	47.3	-25.5	46.7	26.1	H	54	6.7
17978	47.2	-25.5	46.7	26	H	54	6.8
17981.3	47.2	-25.5	46.7	26	H	54	6.8
17998.9	47.2	-25.5	46.7	26	V	54	6.8

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Channel 36

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17983	47.3	-25.5	46.7	26.1	H	54	6.7
17959.8	47.2	-25.5	46.7	26	H	54	6.8
17988.5	47.2	-25.5	46.7	26	V	54	6.8
17996.2	47.1	-25.5	46.7	25.9	H	54	6.9
17969.8	47	-25.5	46.7	25.8	H	54	7
5148.2	45.3	-17	33.7	28.6	H	54	8.7

Channel 40

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17979.7	47.2	-25.5	46.7	26	H	54	6.8
17987.3	47.1	-25.5	46.7	25.9	H	54	6.9
17998.3	47.1	-25.5	46.7	25.9	H	54	6.9
17966.5	47	-25.5	46.7	25.8	V	54	7
17978	47	-25.5	46.7	25.8	H	54	7
17979.1	47	-25.5	46.7	25.8	H	54	7

Channel 48

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17970.8	47.2	-25.5	46.7	26	H	54	6.8
17993.4	47.2	-25.5	46.7	26	V	54	6.8
17984	47.1	-25.5	46.7	25.9	H	54	6.9
17972	47	-25.5	46.7	25.8	H	54	7
17980.8	47	-25.5	46.7	25.8	V	54	7
17984.6	47	-25.5	46.7	25.8	H	54	7

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17973	47.2	-25.5	46.7	26	H	54	6.8
17980.2	47.2	-25.5	46.7	26	H	54	6.8
17962.6	47.1	-25.5	46.7	25.9	V	54	6.9
17963.7	47.1	-25.5	46.7	25.9	V	54	6.9
17995.6	47	-25.5	46.7	25.8	V	54	7
17972	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17975.2	47.2	-25.5	46.7	26	V	54	6.8
17983	47.2	-25.5	46.7	26	H	54	6.8
17958.2	47.1	-25.5	46.7	25.9	H	54	6.9
17961.5	47.1	-25.5	46.7	25.9	V	54	6.9
17977.5	47.1	-25.5	46.7	25.9	H	54	6.9
17950	47	-25.5	46.7	25.8	H	54	7

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17979.1	47.2	-25.5	46.7	26	H	54	6.8
17957.1	47.1	-25.5	46.7	25.9	V	54	6.9
17973	47.1	-25.5	46.7	25.9	H	54	6.9
17985.2	47.1	-25.5	46.7	25.9	V	54	6.9
17996.7	47.1	-25.5	46.7	25.9	H	54	6.9
5350.6	41.1	-16.9	34	24	V	54	12.9

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17959.8	47	-25.5	46.7	25.8	H	54	7
17967	47	-25.5	46.7	25.8	V	54	7
17946.1	46.9	-25.5	46.7	25.7	V	54	7.1
17951	46.9	-25.5	46.7	25.7	H	54	7.1
17978.5	46.9	-25.5	46.7	25.7	V	54	7.1
5454.4	42	-16.8	34.2	24.6	H	54	12

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17955.5	47.1	-25.5	46.7	25.9	H	54	6.9
17980.8	47.1	-25.5	46.7	25.9	H	54	6.9
17961	47	-25.5	46.7	25.8	H	54	7
17967	47	-25.5	46.7	25.8	H	54	7
17972	47	-25.5	46.7	25.8	H	54	7
17966.5	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17959.8	47.3	-25.5	46.7	26.1	V	54	6.7
17996.2	47.2	-25.5	46.7	26	H	54	6.8
17975.2	47.1	-25.5	46.7	25.9	V	54	6.9
17991.8	47	-25.5	46.7	25.8	V	54	7
17984.6	46.9	-25.5	46.7	25.7	H	54	7.1
5725	43.3	-16.3	34.3	25.3	V	54	10.7

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17978	47.4	-25.5	46.7	26.2	H	54	6.6
17994	47.3	-25.5	46.7	26.1	H	54	6.7
17987.3	47.2	-25.5	46.7	26	V	54	6.8
17989.5	47.2	-25.5	46.7	26	V	54	6.8
17963.7	47.1	-25.5	46.7	25.9	V	54	6.9
17972.5	47.1	-25.5	46.7	25.9	H	54	6.9

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Channel 36

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17979.1	47.6	-25.5	46.7	26.4	V	54	6.4
17954.9	47.2	-25.5	46.7	26	V	54	6.8
17997.8	47.2	-25.5	46.7	26	V	54	6.8
17965.3	47.1	-25.5	46.7	25.9	V	54	6.9
17974.2	47.1	-25.5	46.7	25.9	H	54	6.9
5143.6	45.7	-17	33.7	29	H	54	8.3

Channel 40

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17978.5	47.4	-25.5	46.7	26.2	H	54	6.6
17956.5	47.1	-25.5	46.7	25.9	V	54	6.9
17971.4	47.1	-25.5	46.7	25.9	V	54	6.9
17973	47.1	-25.5	46.7	25.9	V	54	6.9
17969.8	47	-25.5	46.7	25.8	H	54	7
17973.6	47	-25.5	46.7	25.8	H	54	7

Channel 48

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17982.4	47.3	-25.5	46.7	26.1	V	54	6.7
17988.5	47.2	-25.5	46.7	26	H	54	6.8
17967	47.1	-25.5	46.7	25.9	V	54	6.9
17981.8	47.1	-25.5	46.7	25.9	H	54	6.9
17991.8	47.1	-25.5	46.7	25.9	V	54	6.9
17958.2	47	-25.5	46.7	25.8	V	54	7

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17972	47.1	-25.5	46.7	25.9	V	54	6.9
17974.2	47.1	-25.5	46.7	25.9	H	54	6.9
17983.5	47.1	-25.5	46.7	25.9	H	54	6.9
17942.8	47	-25.5	46.7	25.8	V	54	7
17945.5	47	-25.5	46.7	25.8	V	54	7
17957.7	47	-25.5	46.7	25.8	H	54	7

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17998.9	47.2	-25.5	46.7	26	H	54	6.8
17958.8	47.1	-25.5	46.7	25.9	V	54	6.9
17980.8	47.1	-25.5	46.7	25.9	H	54	6.9
17983.5	47	-25.5	46.7	25.8	V	54	7
17987.3	47	-25.5	46.7	25.8	H	54	7
17943.9	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17995	47.3	-25.5	46.7	26.1	V	54	6.7
17995.6	47.3	-25.5	46.7	26.1	V	54	6.7
17956.5	47.2	-25.5	46.7	26	V	54	6.8
17945	47.1	-25.5	46.7	25.9	H	54	6.9
17961.5	47.1	-25.5	46.7	25.9	H	54	6.9
5352.6	41.3	-16.9	34	24.2	V	54	12.7

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17996.7	47.4	-25.5	46.7	26.2	H	54	6.6
17974.2	47.2	-25.5	46.7	26	H	54	6.8
17981.8	47.2	-25.5	46.7	26	V	54	6.8
17984	47	-25.5	46.7	25.8	V	54	7
17984.6	47	-25.5	46.7	25.8	V	54	7
5457.3	42.1	-16.8	34.2	24.7	H	54	11.9

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17971.4	47.1	-25.5	46.7	25.9	V	54	6.9
17958.2	47	-25.5	46.7	25.8	V	54	7
17972.5	47	-25.5	46.7	25.8	V	54	7
17976.9	47	-25.5	46.7	25.8	V	54	7
17981.8	47	-25.5	46.7	25.8	H	54	7
17983	47	-25.5	46.7	25.8	H	54	7

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17989.5	47.3	-25.5	46.7	26.1	V	54	6.7
17978	47	-25.5	46.7	25.8	V	54	7
17980.2	47	-25.5	46.7	25.8	V	54	7
17984	47	-25.5	46.7	25.8	H	54	7
17958.2	46.9	-25.5	46.7	25.7	V	54	7.1
5725.1	43.2	-16.3	34.3	25.2	V	54	10.8

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17991.8	47.4	-25.5	46.7	26.2	V	54	6.6
17978.5	47.3	-25.5	46.7	26.1	V	54	6.7
17980.8	47.3	-25.5	46.7	26.1	V	54	6.7
17992.8	47.3	-25.5	46.7	26.1	V	54	6.7
17994.5	47.3	-25.5	46.7	26.1	H	54	6.7
17981.8	47.2	-25.5	46.7	26	V	54	6.8

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Channel 38

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17959.3	47.1	-25.5	46.7	25.9	V	54	6.9
17972	47.1	-25.5	46.7	25.9	H	54	6.9
17978	47.1	-25.5	46.7	25.9	V	54	6.9
17978.5	47.1	-25.5	46.7	25.9	V	54	6.9
17957.1	47	-25.5	46.7	25.8	V	54	7
5149.9	50.6	-17	33.7	33.9	H	54	3.4

Channel 46

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17996.2	47.1	-25.5	46.7	25.9	V	54	6.9
17954.3	47	-25.5	46.7	25.8	V	54	7
17987.3	47	-25.5	46.7	25.8	H	54	7
17991.2	47	-25.5	46.7	25.8	V	54	7
17998.3	47	-25.5	46.7	25.8	H	54	7
17965.3	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 54

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17990.7	47.3	-25.5	46.7	26.1	H	54	6.7
17953.2	47.2	-25.5	46.7	26	V	54	6.8
17963.2	47.2	-25.5	46.7	26	V	54	6.8
17970.8	47.2	-25.5	46.7	26	H	54	6.8
17970.3	47.1	-25.5	46.7	25.9	H	54	6.9
17972	47.1	-25.5	46.7	25.9	V	54	6.9

Channel 62

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17991.8	47.2	-25.5	46.7	26	H	54	6.8
17952.7	47.1	-25.5	46.7	25.9	V	54	6.9
17968.1	47.1	-25.5	46.7	25.9	V	54	6.9
17978	47.1	-25.5	46.7	25.9	H	54	6.9
17983.5	47.1	-25.5	46.7	25.9	V	54	6.9
5350.1	46.2	-16.9	34	29.1	V	54	7.8

Channel 102

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17990.1	47.3	-25.5	46.7	26.1	V	54	6.7
17995.6	47.3	-25.5	46.7	26.1	V	54	6.7
17976.9	47.2	-25.5	46.7	26	V	54	6.8
17978.5	47.2	-25.5	46.7	26	H	54	6.8
17991.2	47.2	-25.5	46.7	26	H	54	6.8
5459.9	44	-16.8	34.2	26.6	H	54	10

Channel 118

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17981.8	47.3	-25.5	46.7	26.1	V	54	6.7
17994	47.3	-25.5	46.7	26.1	V	54	6.7
17978	47.2	-25.5	46.7	26	H	54	6.8
17980.2	47.1	-25.5	46.7	25.9	H	54	6.9
17995.6	47.1	-25.5	46.7	25.9	V	54	6.9
17983.5	47	-25.5	46.7	25.8	V	54	7

Channel 134

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17963.2	47.1	-25.5	46.7	25.9	V	54	6.9
17978.5	47.1	-25.5	46.7	25.9	H	54	6.9
17981.8	47.1	-25.5	46.7	25.9	H	54	6.9
17997.2	47.1	-25.5	46.7	25.9	H	54	6.9
17955.5	47	-25.5	46.7	25.8	V	54	7
5725.8	44.9	-16.3	34.3	26.9	H	54	9.1

Channel 142

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17973.6	47.3	-25.5	46.7	26.1	H	54	6.7
17994	47.3	-25.5	46.7	26.1	H	54	6.7
17980.8	47.2	-25.5	46.7	26	V	54	6.8
17969.8	47.1	-25.5	46.7	25.9	H	54	6.9
17976.3	47.1	-25.5	46.7	25.9	V	54	6.9
17978	47.1	-25.5	46.7	25.9	V	54	6.9

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Channel 38

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17959.3	47.1	-25.5	46.7	25.9	V	54	6.9
17972	47.1	-25.5	46.7	25.9	H	54	6.9
17978	47.1	-25.5	46.7	25.9	V	54	6.9
17978.5	47.1	-25.5	46.7	25.9	V	54	6.9
17957.1	47	-25.5	46.7	25.8	V	54	7
5149.9	50.6	-17	33.7	33.9	H	54	3.4

Channel 46

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17996.2	47.1	-25.5	46.7	25.9	V	54	6.9
17954.3	47	-25.5	46.7	25.8	V	54	7
17987.3	47	-25.5	46.7	25.8	H	54	7
17991.2	47	-25.5	46.7	25.8	V	54	7
17998.3	47	-25.5	46.7	25.8	H	54	7
17965.3	46.9	-25.5	46.7	25.7	V	54	7.1

Channel 54

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17990.7	47.3	-25.5	46.7	26.1	H	54	6.7
17953.2	47.2	-25.5	46.7	26	V	54	6.8
17963.2	47.2	-25.5	46.7	26	V	54	6.8
17970.8	47.2	-25.5	46.7	26	H	54	6.8
17970.3	47.1	-25.5	46.7	25.9	H	54	6.9
17972	47.1	-25.5	46.7	25.9	V	54	6.9

Channel 62

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17991.8	47.2	-25.5	46.7	26	H	54	6.8
17952.7	47.1	-25.5	46.7	25.9	V	54	6.9
17968.1	47.1	-25.5	46.7	25.9	V	54	6.9
17978	47.1	-25.5	46.7	25.9	H	54	6.9
17983.5	47.1	-25.5	46.7	25.9	V	54	6.9
5350.1	46.2	-16.9	34	29.1	V	54	7.8

Channel 102

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17975.8	47.4	-25.5	46.7	26.2	V	54	6.6
17979.1	47.3	-25.5	46.7	26.1	H	54	6.7
17945.5	47.1	-25.5	46.7	25.9	V	54	6.9
17965.3	47.1	-25.5	46.7	25.9	H	54	6.9
17970.8	47.1	-25.5	46.7	25.9	H	54	6.9
5459.9	44.8	-16.8	34.2	27.4	H	54	9.2

Channel 118

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17976.9	47.2	-25.5	46.7	26	H	54	6.8
17992.8	47.1	-25.5	46.7	25.9	V	54	6.9
17997.2	47.1	-25.5	46.7	25.9	V	54	6.9
17956	47	-25.5	46.7	25.8	H	54	7
17957.1	47	-25.5	46.7	25.8	V	54	7
17962	47	-25.5	46.7	25.8	V	54	7

Channel 134

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17998.9	47.4	-25.5	46.7	26.2	H	54	6.6
17996.2	47.3	-25.5	46.7	26.1	V	54	6.7
17946.1	47	-25.5	46.7	25.8	V	54	7
17968.1	47	-25.5	46.7	25.8	H	54	7
17969.2	47	-25.5	46.7	25.8	H	54	7
5725.8	45.3	-16.3	34.3	27.3	H	54	8.7

Channel 142

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17966.5	47.1	-25.5	46.7	25.9	H	54	6.9
17985.7	47.1	-25.5	46.7	25.9	H	54	6.9
17987.9	47.1	-25.5	46.7	25.9	H	54	6.9
17956.5	47	-25.5	46.7	25.8	V	54	7
17980.8	47	-25.5	46.7	25.8	H	54	7
17947.8	46.9	-25.5	46.7	25.7	V	54	7.1

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Channel 42

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17964.2	47.3	-25.5	46.7	26.1	H	54	6.7
17980.2	47.3	-25.5	46.7	26.1	V	54	6.7
17975.8	47.1	-25.5	46.7	25.9	V	54	6.9
17976.3	47.1	-25.5	46.7	25.9	V	54	6.9
17983	47.1	-25.5	46.7	25.9	V	54	6.9
5138.5	41.8	-17	33.7	25.1	V	54	12.2

Channel 58

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17973	47.3	-25.5	46.7	26.1	H	54	6.7
17974.2	47.2	-25.5	46.7	26	V	54	6.8
17963.2	47.1	-25.5	46.7	25.9	V	54	6.9
17956.5	47	-25.5	46.7	25.8	H	54	7
17985.2	47	-25.5	46.7	25.8	V	54	7
5361.2	48.2	-16.9	34	31.1	V	54	5.8

Channel 106

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
5458.7	49.0	-36.8	33.4	52.4	H	54	5
17982.4	47.4	-25.5	43.4	29.5	H	54	6.6
17963.2	47.3	-25.5	43.4	29.4	V	54	6.7
17974.7	47.1	-25.5	43.4	29.2	H	54	6.9
17961.0	47.1	-25.5	43.4	29.2	H	54	6.9
17989.0	47.1	-25.5	43.4	29.2	H	54	6.9

Channel 122

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
5760.0	51.5	-36.5	34.2	53.8	H	54	2.5
17947.2	47.1	-25.5	43.4	29.2	H	54	6.9
17959.9	47.1	-25.5	43.4	29.2	V	54	6.9
17975.3	47.0	-25.5	43.4	29.1	H	54	7
17972.0	47.0	-25.5	43.4	29.1	H	54	7
17986.8	47.0	-25.5	43.4	29.1	H	54	7

Channel 138

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17995.1	47.4	-17.7	45.6	19.5	H	54	6.6
17979.1	47.2	-17.7	45.6	19.3	H	54	6.8
17983.0	47.2	-17.7	45.6	19.3	V	54	6.8
17979.7	47.1	-17.7	45.6	19.2	H	54	6.9
17986.8	47.1	-17.7	45.6	19.2	H	54	6.9
17984.1	47.1	-17.7	45.6	19.2	H	54	6.9

Peak
802.11a

Channel 36

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17992.8	58.6	-25.5	46.7	37.4	H	74	15.4
17966.5	58.5	-25.5	46.7	37.3	V	74	15.5
17989	58.5	-25.5	46.7	37.3	H	74	15.5
17955.5	58.4	-25.5	46.7	37.2	H	74	15.6
17997.2	58.4	-25.5	46.7	37.2	H	74	15.6
5137.4	58	-17	33.7	41.3	H	74	16

Channel 40

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17958.8	58.9	-25.5	46.7	37.7	H	74	15.1
17988.5	58.9	-25.5	46.7	37.7	H	74	15.1
17998.9	58.5	-25.5	46.7	37.3	V	74	15.5
17978.5	58.4	-25.5	46.7	37.2	H	74	15.6
17989.5	58.4	-25.5	46.7	37.2	V	74	15.6
17974.2	58.3	-25.5	46.7	37.1	H	74	15.7

Channel 48

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17968.7	58.7	-25.5	46.7	37.5	V	74	15.3
17930.7	58.6	-25.5	46.7	37.4	V	74	15.4
17979.1	58.4	-25.5	46.7	37.2	V	74	15.6
17996.7	58.4	-25.5	46.7	37.2	V	74	15.6
17936.2	58.3	-25.5	46.7	37.1	H	74	15.7
17976.9	58.3	-25.5	46.7	37.1	V	74	15.7

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17949.4	58.7	-25.5	46.7	37.5	H	74	15.3
17973	58.4	-25.5	46.7	37.2	H	74	15.6
17976.9	58.4	-25.5	46.7	37.2	V	74	15.6
17891.7	58	-25.5	46.7	36.8	H	74	16
17962.6	58	-25.5	46.7	36.8	H	74	16
17993.4	58	-25.5	46.7	36.8	H	74	16

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17990.1	58.4	-25.5	46.7	37.2	H	74	15.6
17939.5	58.3	-25.5	46.7	37.1	H	74	15.7
17954.3	58.2	-25.5	46.7	37	V	74	15.8
17955.5	58.2	-25.5	46.7	37	H	74	15.8
17943.9	57.9	-25.5	46.7	36.7	V	74	16.1
17983	57.9	-25.5	46.7	36.7	H	74	16.1

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17975.8	59	-25.5	46.7	37.8	H	74	15
17991.2	58.5	-25.5	46.7	37.3	V	74	15.5
17998.9	58.4	-25.5	46.7	37.2	H	74	15.6
17973	58.3	-25.5	46.7	37.1	H	74	15.7
17847.1	58.2	-25.5	46.7	37	V	74	15.8
5367.1	53.2	-16.9	34	36.1	V	74	20.8

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17982.4	58.8	-25.5	46.7	37.6	H	74	15.2
17803.7	58.5	-25.5	46.7	37.3	V	74	15.5
17963.7	58.2	-25.5	46.7	37	V	74	15.8
17895.5	58.1	-25.5	46.7	36.9	H	74	15.9
17988.5	58.1	-25.5	46.7	36.9	H	74	15.9
5458.4	52.6	-16.8	34.2	35.2	H	74	21.4

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17956.5	58.6	-25.5	46.7	37.4	V	74	15.4
17991.8	58.4	-25.5	46.7	37.2	V	74	15.6
17946.1	58.1	-25.5	46.7	36.9	H	74	15.9
17879	57.7	-25.5	46.7	36.5	H	74	16.3
17952.7	57.7	-25.5	46.7	36.5	V	74	16.3
17963.7	57.7	-25.5	46.7	36.5	H	74	16.3

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17947.8	59	-25.5	46.7	37.8	V	74	15
17968.7	59	-25.5	46.7	37.8	V	74	15
17954.9	58.7	-25.5	46.7	37.5	H	74	15.3
17981.3	58.4	-25.5	46.7	37.2	V	74	15.6
17991.2	58.3	-25.5	46.7	37.1	V	74	15.7
5725.7	58.5	-16.3	34.3	40.5	V	74	15.5

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17996.7	59.4	-25.5	46.7	38.2	V	74	14.6
17935.7	59	-25.5	46.7	37.8	V	74	15
17931.2	58.7	-25.5	46.7	37.5	H	74	15.3
17991.2	58.6	-25.5	46.7	37.4	V	74	15.4
17998.9	58.5	-25.5	46.7	37.3	V	74	15.5
17960.4	58.3	-25.5	46.7	37.1	V	74	15.7

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Channel 36

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17965.9	59.3	-25.5	46.7	38.1	H	74	14.7
17953.2	58.6	-25.5	46.7	37.4	H	74	15.4
17968.1	58.5	-25.5	46.7	37.3	H	74	15.5
17899.3	58.3	-25.5	46.7	37.1	H	74	15.7
17912.5	58.1	-25.5	46.7	36.9	H	74	15.9
5148	58.2	-17	33.7	41.5	H	74	15.8

Channel 40

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17992.8	58.6	-25.5	46.7	37.4	H	74	15.4
17994	58.6	-25.5	46.7	37.4	V	74	15.4
17919.7	58.5	-25.5	46.7	37.3	V	74	15.5
17990.1	58.4	-25.5	46.7	37.2	V	74	15.6
17848.2	58.3	-25.5	46.7	37.1	H	74	15.7
17974.7	58.2	-25.5	46.7	37	H	74	15.8

Channel 48

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17996.2	59.2	-25.5	46.7	38	H	74	14.8
17974.2	59	-25.5	46.7	37.8	H	74	15
17971.4	58.7	-25.5	46.7	37.5	V	74	15.3
17895.5	58.5	-25.5	46.7	37.3	H	74	15.5
17918	58.3	-25.5	46.7	37.1	H	74	15.7
17951	58.3	-25.5	46.7	37.1	H	74	15.7

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17976.3	58.1	-25.5	46.7	36.9	V	74	15.9
17951.6	57.9	-25.5	46.7	36.7	H	74	16.1
17978.5	57.8	-25.5	46.7	36.6	H	74	16.2
17992.3	57.7	-25.5	46.7	36.5	H	74	16.3
17871.3	57.6	-25.5	46.7	36.4	V	74	16.4
17947.8	57.6	-25.5	46.7	36.4	V	74	16.4

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17986.8	58.9	-25.5	46.7	37.7	H	74	15.1
17994	58.8	-25.5	46.7	37.6	V	74	15.2
17946.7	58.4	-25.5	46.7	37.2	H	74	15.6
17976.3	58.4	-25.5	46.7	37.2	V	74	15.6
17987.9	58.4	-25.5	46.7	37.2	H	74	15.6
17879.5	58.3	-25.5	46.7	37.1	V	74	15.7

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17985.2	59	-25.5	46.7	37.8	V	74	15
17997.2	59	-25.5	46.7	37.8	V	74	15
17967	58.8	-25.5	46.7	37.6	V	74	15.2
17998.3	58.3	-25.5	46.7	37.1	V	74	15.7
17855.9	58.2	-25.5	46.7	37	V	74	15.8
5351.4	53.4	-16.9	34	36.3	V	74	20.6

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17970.3	59.1	-25.5	46.7	37.9	H	74	14.9
17937.8	58.9	-25.5	46.7	37.7	H	74	15.1
17981.8	58.9	-25.5	46.7	37.7	V	74	15.1
17942.8	58.6	-25.5	46.7	37.4	V	74	15.4
17973	58.4	-25.5	46.7	37.2	V	74	15.6
5454.8	54.3	-16.8	34.2	36.9	H	74	19.7

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17996.7	58.6	-25.5	46.7	37.4	V	74	15.4
17770.1	58.3	-25.5	46.7	37.1	V	74	15.7
17948.8	58.3	-25.5	46.7	37.1	V	74	15.7
17989.5	58.3	-25.5	46.7	37.1	H	74	15.7
17990.7	58.2	-25.5	46.7	37	V	74	15.8
17946.7	58.1	-25.5	46.7	36.9	V	74	15.9

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17980.2	59.1	-25.5	46.7	37.9	H	74	14.9
17953.8	58.6	-25.5	46.7	37.4	H	74	15.4
17982.4	58.6	-25.5	46.7	37.4	V	74	15.4
17960.4	58.5	-25.5	46.7	37.3	H	74	15.5
17997.8	58.5	-25.5	46.7	37.3	H	74	15.5
5726.9	55.2	-16.3	34.3	37.2	V	74	18.8

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17985.2	58.7	-25.5	46.7	37.5	V	74	15.3
17992.8	58.7	-25.5	46.7	37.5	H	74	15.3
17955.5	58.4	-25.5	46.7	37.2	V	74	15.6
17994.5	58.4	-25.5	46.7	37.2	H	74	15.6
17855.3	58.3	-25.5	46.7	37.1	V	74	15.7
17948.3	58.1	-25.5	46.7	36.9	H	74	15.9

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Channel 36

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17960.4	58.8	-25.5	46.7	37.6	H	74	15.2
17950.5	58.4	-25.5	46.7	37.2	V	74	15.6
17869.7	58.2	-25.5	46.7	37	H	74	15.8
17924.7	58.2	-25.5	46.7	37	V	74	15.8
17938.4	58.2	-25.5	46.7	37	V	74	15.8
5143.6	57.2	-17	33.7	40.5	H	74	16.8

Channel 40

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17954.3	58.6	-25.5	46.7	37.4	V	74	15.4
17936.2	58.3	-25.5	46.7	37.1	V	74	15.7
17937.8	58.3	-25.5	46.7	37.1	H	74	15.7
17984	58.3	-25.5	46.7	37.1	H	74	15.7
17992.8	58.3	-25.5	46.7	37.1	H	74	15.7
17953.2	58.2	-25.5	46.7	37	V	74	15.8

Channel 48

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17976.9	60.3	-25.5	46.7	39.1	V	74	13.7
17985.2	58.7	-25.5	46.7	37.5	H	74	15.3
17992.3	58.4	-25.5	46.7	37.2	H	74	15.6
17979.1	58.3	-25.5	46.7	37.1	V	74	15.7
17949.4	58.2	-25.5	46.7	37	V	74	15.8
17984	58.2	-25.5	46.7	37	H	74	15.8

Channel 52

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17998.3	58.5	-25.5	46.7	37.3	V	74	15.5
17949.4	58.2	-25.5	46.7	37	V	74	15.8
17992.8	58.2	-25.5	46.7	37	H	74	15.8
17995.6	58.2	-25.5	46.7	37	V	74	15.8
17950	58.1	-25.5	46.7	36.9	V	74	15.9
17997.2	58.1	-25.5	46.7	36.9	V	74	15.9

Channel 56

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17951.6	58.9	-25.5	46.7	37.7	H	74	15.1
17954.9	58.5	-25.5	46.7	37.3	V	74	15.5
17977.5	58.1	-25.5	46.7	36.9	V	74	15.9
17863.6	57.9	-25.5	46.7	36.7	H	74	16.1
17865.8	57.9	-25.5	46.7	36.7	H	74	16.1
17961	57.9	-25.5	46.7	36.7	V	74	16.1

Channel 64

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17939	58.5	-25.5	46.7	37.3	H	74	15.5
17995.6	58.5	-25.5	46.7	37.3	V	74	15.5
17997.8	58	-25.5	46.7	36.8	V	74	16
17926.3	57.7	-25.5	46.7	36.5	H	74	16.3
17908.7	57.6	-25.5	46.7	36.4	V	74	16.4
5356	53.9	-16.9	34	36.8	V	74	20.1

Channel 100

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17996.7	59.8	-25.5	46.7	38.6	H	74	14.2
17962.6	58.8	-25.5	46.7	37.6	H	74	15.2
17947.2	58.6	-25.5	46.7	37.4	V	74	15.4
17957.1	58.6	-25.5	46.7	37.4	H	74	15.4
17994.5	58.6	-25.5	46.7	37.4	V	74	15.4
5454.9	54.7	-16.8	34.2	37.3	H	74	19.3

Channel 120

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17862.5	58.6	-25.5	46.7	37.4	V	74	15.4
17995	58.2	-25.5	46.7	37	V	74	15.8
17959.3	57.9	-25.5	46.7	36.7	H	74	16.1
17760.2	57.8	-25.5	46.7	36.6	H	74	16.2
17947.2	57.8	-25.5	46.7	36.6	V	74	16.2
17955.5	57.8	-25.5	46.7	36.6	H	74	16.2

Channel 140

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17974.7	59.1	-25.5	46.7	37.9	V	74	14.9
17948.3	58.4	-25.5	46.7	37.2	V	74	15.6
17944.5	58.1	-25.5	46.7	36.9	H	74	15.9
17979.1	58.1	-25.5	46.7	36.9	V	74	15.9
17978	58	-25.5	46.7	36.8	V	74	16
5725	55	-16.3	34.3	37	V	74	19

Channel 144

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17989.5	59	-25.5	46.7	37.8	H	74	15
17993.4	58.7	-25.5	46.7	37.5	H	74	15.3
17940	58.6	-25.5	46.7	37.4	H	74	15.4
17962.6	58.5	-25.5	46.7	37.3	V	74	15.5
17975.2	58.5	-25.5	46.7	37.3	V	74	15.5
17986.8	58.2	-25.5	46.7	37	V	74	15.8

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Channel 38

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17991.2	59.1	-25.5	46.7	37.9	V	74	14.9
17872.4	58.8	-25.5	46.7	37.6	V	74	15.2
17979.7	58.4	-25.5	46.7	37.2	V	74	15.6
17984.6	58.3	-25.5	46.7	37.1	H	74	15.7
17933.5	58.2	-25.5	46.7	37	H	74	15.8
5147.6	62.2	-17	33.7	45.5	H	74	11.8

Channel 46

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17997.8	58.3	-25.5	46.7	37.1	H	74	15.7
17875.7	58.2	-25.5	46.7	37	H	74	15.8
17957.1	58.2	-25.5	46.7	37	V	74	15.8
17983.5	58.2	-25.5	46.7	37	V	74	15.8
17885	58.1	-25.5	46.7	36.9	H	74	15.9
17979.7	58.1	-25.5	46.7	36.9	H	74	15.9

Channel 54

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17939.5	58.9	-25.5	46.7	37.7	V	74	15.1
17896.6	58.6	-25.5	46.7	37.4	V	74	15.4
17974.2	58.4	-25.5	46.7	37.2	H	74	15.6
17980.2	58.2	-25.5	46.7	37	V	74	15.8
17962.6	58.1	-25.5	46.7	36.9	V	74	15.9
17976.3	58.1	-25.5	46.7	36.9	H	74	15.9

Channel 62

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17931.8	58.7	-25.5	46.7	37.5	H	74	15.3
17977.5	58.5	-25.5	46.7	37.3	V	74	15.5
17950.5	58.2	-25.5	46.7	37	V	74	15.8
17946.7	58.1	-25.5	46.7	36.9	V	74	15.9
17944.5	58	-25.5	46.7	36.8	V	74	16
5350	59.3	-16.9	34	42.2	V	74	14.7

Channel 102

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17995.6	59.3	-25.5	46.7	38.1	V	74	14.7
17973.6	58.8	-25.5	46.7	37.6	V	74	15.2
17987.3	58.8	-25.5	46.7	37.6	H	74	15.2
17961.5	58.5	-25.5	46.7	37.3	H	74	15.5
17965.3	58.5	-25.5	46.7	37.3	H	74	15.5
5458.1	56.2	-16.8	34.2	38.8	H	74	17.8

Channel 118

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17997.2	59	-25.5	46.7	37.8	H	74	15
17990.7	58.6	-25.5	46.7	37.4	H	74	15.4
17958.8	58.4	-25.5	46.7	37.2	V	74	15.6
17991.8	58.3	-25.5	46.7	37.1	H	74	15.7
17943.9	58.2	-25.5	46.7	37	H	74	15.8
17637.5	58.1	-25.7	46	37.9	V	74	15.9

Channel 134

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17978.5	59.1	-25.5	46.7	37.9	H	74	14.9
17963.2	58.7	-25.5	46.7	37.5	V	74	15.3
17985.7	58.5	-25.5	46.7	37.3	V	74	15.5
17969.2	58.3	-25.5	46.7	37.1	H	74	15.7
17980.2	58.3	-25.5	46.7	37.1	V	74	15.7
5732.9	56.8	-16.3	34.3	38.8	H	74	17.2

Channel 142

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17952.2	59	-25.5	46.7	37.8	H	74	15
17980.2	58.1	-25.5	46.7	36.9	V	74	15.9
17945	58	-25.5	46.7	36.8	H	74	16
17963.2	58	-25.5	46.7	36.8	V	74	16
17979.7	58	-25.5	46.7	36.8	H	74	16
17945.5	57.9	-25.5	46.7	36.7	V	74	16.1

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Channel 38

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17944.5	59.4	-25.5	46.7	38.2	H	74	14.6
17993.4	59.1	-25.5	46.7	37.9	V	74	14.9
17954.3	58.6	-25.5	46.7	37.4	V	74	15.4
17978.5	58.4	-25.5	46.7	37.2	V	74	15.6
17881.2	58.3	-25.5	46.7	37.1	H	74	15.7
5149.8	62.2	-17	33.7	45.5	H	74	11.8

Channel 46

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17964.8	58.9	-25.5	46.7	37.7	V	74	15.1
17998.3	58.8	-25.5	46.7	37.6	H	74	15.2
17966.5	58.6	-25.5	46.7	37.4	V	74	15.4
17948.8	58.5	-25.5	46.7	37.3	V	74	15.5
17964.2	58.3	-25.5	46.7	37.1	V	74	15.7
17975.2	58.2	-25.5	46.7	37	H	74	15.8

Channel 54

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17972.5	58.8	-25.5	46.7	37.6	V	74	15.2
17847.1	58.4	-25.5	46.7	37.2	H	74	15.6
17990.1	58.4	-25.5	46.7	37.2	H	74	15.6
17992.3	58.4	-25.5	46.7	37.2	H	74	15.6
17981.3	58.3	-25.5	46.7	37.1	V	74	15.7
17971.4	58.2	-25.5	46.7	37	V	74	15.8

Channel 62

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17948.3	58.6	-25.5	46.7	37.4	H	74	15.4
17969.8	58.6	-25.5	46.7	37.4	V	74	15.4
17917.5	58.4	-25.5	46.7	37.2	H	74	15.6
17907.6	58.2	-25.5	46.7	37	H	74	15.8
17991.8	58.2	-25.5	46.7	37	H	74	15.8
5350.1	59	-16.9	34	41.9	V	74	15

Channel 102

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17759.1	58.9	-25.5	46.7	37.7	V	74	15.1
17975.8	58.9	-25.5	46.7	37.7	V	74	15.1
17884.5	58.6	-25.5	46.7	37.4	H	74	15.4
17899.3	58.5	-25.5	46.7	37.3	V	74	15.5
17945.5	58.5	-25.5	46.7	37.3	V	74	15.5
5459.9	56.5	-16.8	34.2	39.1	H	74	17.5

Channel 118

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17900.5	59.1	-25.5	46.7	37.9	H	74	14.9
17980.8	59	-25.5	46.7	37.8	V	74	15
17990.1	58.7	-25.5	46.7	37.5	H	74	15.3
17910.3	58.4	-25.5	46.7	37.2	H	74	15.6
17968.1	58.4	-25.5	46.7	37.2	H	74	15.6
17969.2	58.3	-25.5	46.7	37.1	V	74	15.7

Channel 134

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17981.3	58.5	-25.5	46.7	37.3	V	74	15.5
17982.4	58.5	-25.5	46.7	37.3	V	74	15.5
17958.8	58.4	-25.5	46.7	37.2	V	74	15.6
17967.5	58.3	-25.5	46.7	37.1	V	74	15.7
17993.4	58.3	-25.5	46.7	37.1	V	74	15.7
5727.2	57.8	-16.3	34.3	39.8	H	74	16.2

Channel 142

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Magin (dBuV/m)
17939.5	58.9	-25.5	46.7	37.7	V	74	15.1
17890	58.7	-25.5	46.7	37.5	H	74	15.3
17978	58.4	-25.5	46.7	37.2	H	74	15.6
17949.4	58.2	-25.5	46.7	37	H	74	15.8
17971.4	58.2	-25.5	46.7	37	V	74	15.8
17856.5	58.1	-25.5	46.7	36.9	H	74	15.9

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Channel 42

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17927.4	58.4	-25.5	46.7	37.2	V	74	15.6
17970.8	58.4	-25.5	46.7	37.2	V	74	15.6
17921.9	58.2	-25.5	46.7	37	H	74	15.8
17950.5	58.2	-25.5	46.7	37	H	74	15.8
17956	58.2	-25.5	46.7	37	H	74	15.8
5144.2	54.7	-17	33.7	38	V	74	19.3

Channel 58

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17978	59	-25.5	46.7	37.8	H	74	15
17974.7	58.8	-25.5	46.7	37.6	H	74	15.2
17989	58.7	-25.5	46.7	37.5	H	74	15.3
17961	58.6	-25.5	46.7	37.4	H	74	15.4
17967.5	58.4	-25.5	46.7	37.2	V	74	15.6
5358.2	61	-16.9	34	43.9	V	74	13

Channel 106

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
5458.6	60.3	-36.8	33.4	63.7	H	74	13.7
17981.3	58.4	-25.5	43.4	40.5	H	74	15.6
17990.7	58.4	-25.5	43.4	40.5	V	74	15.6
17993.4	58.4	-25.5	43.4	40.5	H	74	15.6
17982.4	58.3	-25.5	43.4	40.4	H	74	15.7
17970.9	58.3	-25.5	43.4	40.4	H	74	15.7

Channel 122

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
5760.1	57.2	-36.5	34.2	59.5	H	74	16.8
17944.5	58.7	-25.5	43.4	40.8	H	74	15.3
17972.0	58.7	-25.5	43.4	40.8	V	74	15.3
17985.2	58.6	-25.5	43.4	40.7	H	74	15.4
17895.5	58.3	-25.7	43.4	40.6	H	74	15.7
17977.5	58.2	-25.5	43.4	40.3	H	74	15.8

Channel 138

Frequency (MHz)	Result (dBuV/m)	Cable Loss (dB)	Antenna Factor	PMea (dBuV/m)	Polarization	Limit (dBuV/m)	Margin (dBuV/m)
17974.7	59.5	-17.7	45.6	31.6	H	74	14.5
17965.9	59.3	-17.7	45.6	31.4	H	74	14.7
17937.3	58.8	-17.7	45.6	30.9	V	74	15.2
17980.2	58.8	-17.7	45.6	30.9	H	74	15.2
17879.6	58.2	-18.5	45.6	31.1	H	74	15.8
17984.1	58.1	-17.7	45.6	30.2	H	74	15.9

Sample calculation:

802.11ac 80MHz CH122–Peak, 5760.1 MHz

Result (dBuV/m) = PMea(59.5) + Cable Loss(-36.5) + Antenna Factor(34.2) =57.2dBuV/m

B.7. AC Powerline Conducted Emission (150kHz- 30MHz)

Test Condition:

Voltage (V)	Frequency (Hz)
110	60

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	66 to 56	Fig.76	Fig.77	P
0.5 to 5	56			
5 to 30	60			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		11a mode	Idle	
0.15 to 0.5	56 to 46	Fig.76	Fig.77	P
0.5 to 5	46			
5 to 30	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Note: The measurement results showed here are worst cases of the combinations of different chargers and cables.

Conclusion: PASS

Test graphs as below:

Result for Traffic:

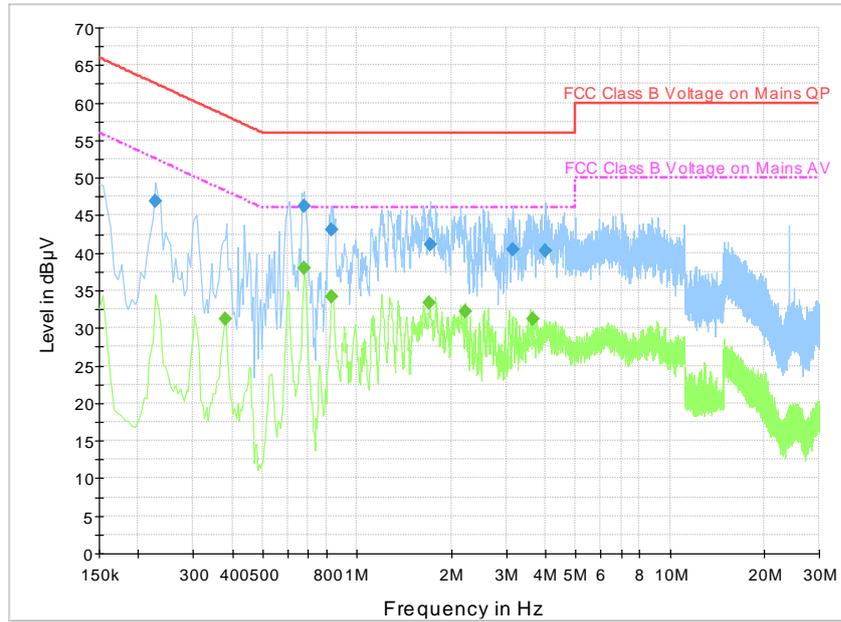


Fig.76 Conducted Emission (802.11a, Ch36, TX)

Final Result 1

Frequency(MHz)	QuasiPeak(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.226500	46.8	N	15.8	62.6
0.676500	46.3	L1	9.7	56.0
0.829500	43.0	L1	13.0	56.0
1.716000	41.2	L1	14.8	56.0
3.138000	40.5	L1	15.5	56.0
4.002000	40.2	L1	15.8	56.0

Final Result 2

Frequency(MHz)	Average(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.379500	31.3	L1	17.0	48.3
0.681000	38.0	L1	8.0	46.0
0.829500	34.2	L1	11.8	46.0
1.698000	33.3	L1	12.7	46.0
2.224500	32.2	L1	13.8	46.0
3.664500	31.3	L1	14.7	46.0

Result for Idle:

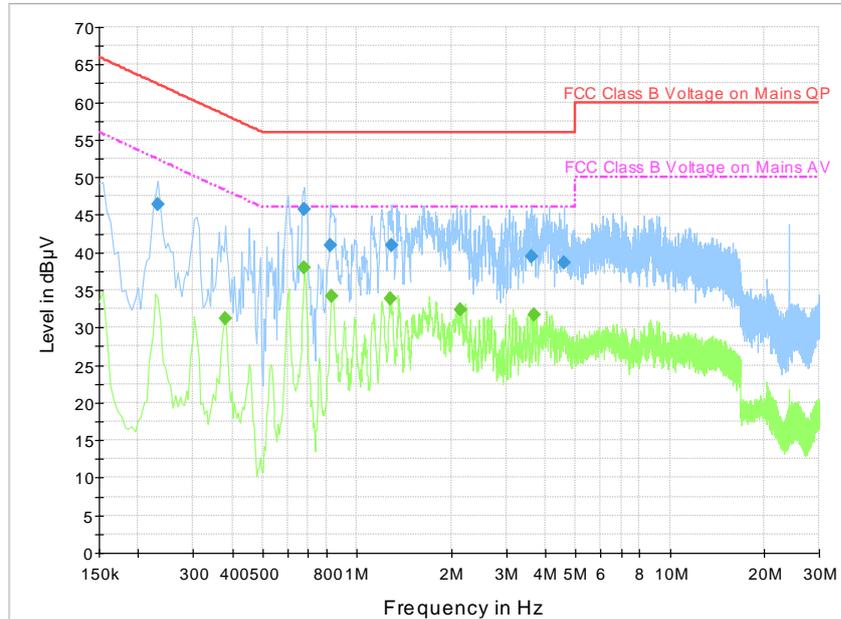


Fig.77 Conducted Emission (802.11a, RX)

Final Result 1

Frequency(MHz)	QuasiPeak(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.231000	46.4	N	16.0	62.4
0.681000	45.8	L1	10.2	56.0
0.820500	41.0	L1	15.0	56.0
1.288500	41.0	L1	15.0	56.0
3.601500	39.5	L1	16.5	56.0
4.591500	38.6	L1	17.4	56.0

Final Result 2

Frequency(MHz)	Average(dBµV)	Line	Margin(dB)	Limit(dBµV)
0.379500	31.2	L1	17.1	48.3
0.681000	37.9	L1	8.1	46.0
0.829500	34.1	L1	11.9	46.0
1.279500	33.9	L1	12.1	46.0
2.148000	32.3	L1	13.7	46.0
3.673500	31.7	L1	14.3	46.0

B.8. 99% Occupied bandwidth

Method of Measurement: See ANSI C63.10-2013-clause 12.4.2.

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.5.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz
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Measurement Result:

Mode	Frequency	99% Occupied bandwidth (MHz)		conclusion
802.11a	5180 MHz	Fig.78	17.14	P
	5200 MHz	Fig.79	17.11	P
	5240 MHz	Fig.80	18.28	P
802.11n HT20	5180 MHz	Fig.81	18.27	P
	5200 MHz	Fig.82	18.28	P
	5240 MHz	Fig.83	18.29	P
802.11ac HT20	5180 MHz	Fig.84	18.33	P
	5200 MHz	Fig.85	18.32	P
	5240 MHz	Fig.86	18.32	P
802.11n HT40	5190 MHz	Fig.87	36.32	P
	5230 MHz	Fig.88	36.33	P
802.11ac	5190 MHz	Fig.89	36.31	P

HT40	5230 MHz	Fig.90	36.34	P
802.11ac HT80	5210 MHz	Fig.91	75.67	P

Conclusion: PASS

Test graphs as below:

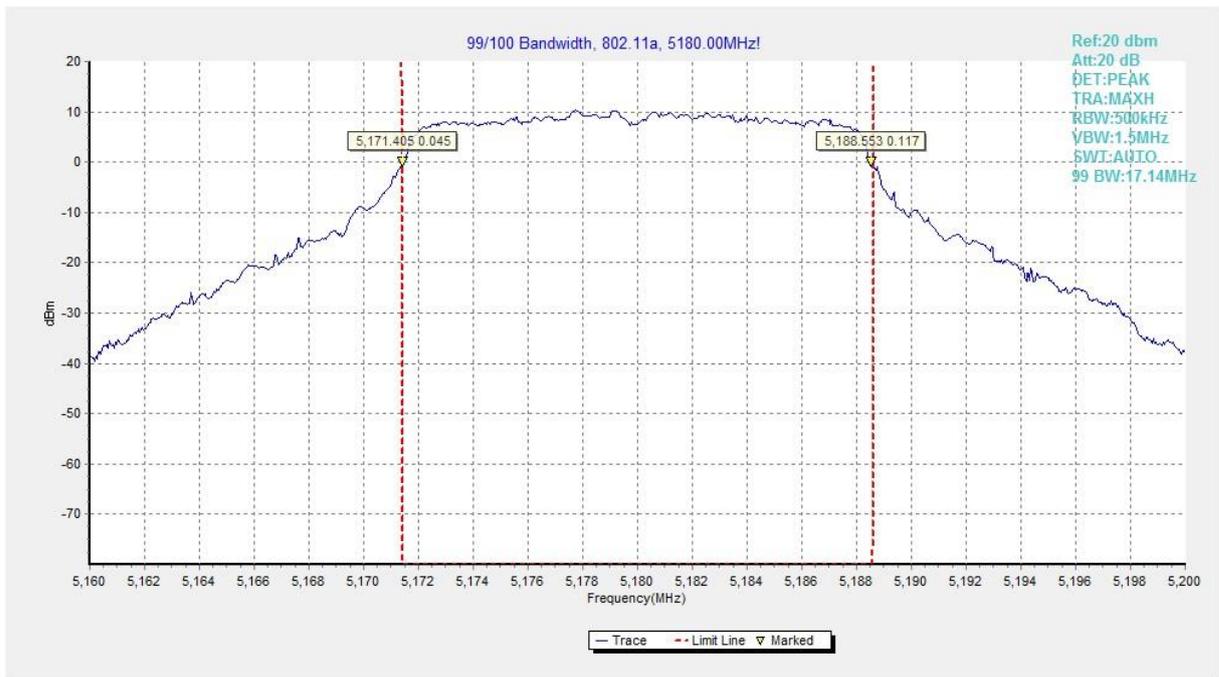


Fig.78 99% Occupied bandwidth (802.11a, 5180MHz)

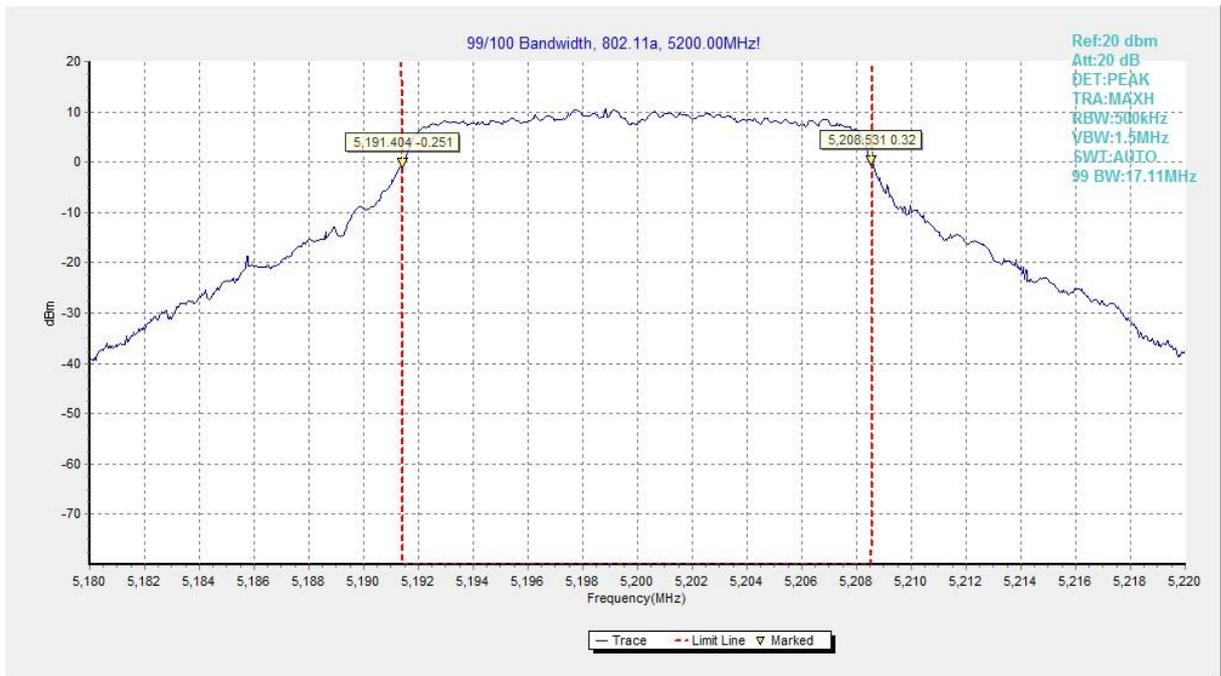


Fig.79 99% Occupied bandwidth (802.11a, 5200MHz)

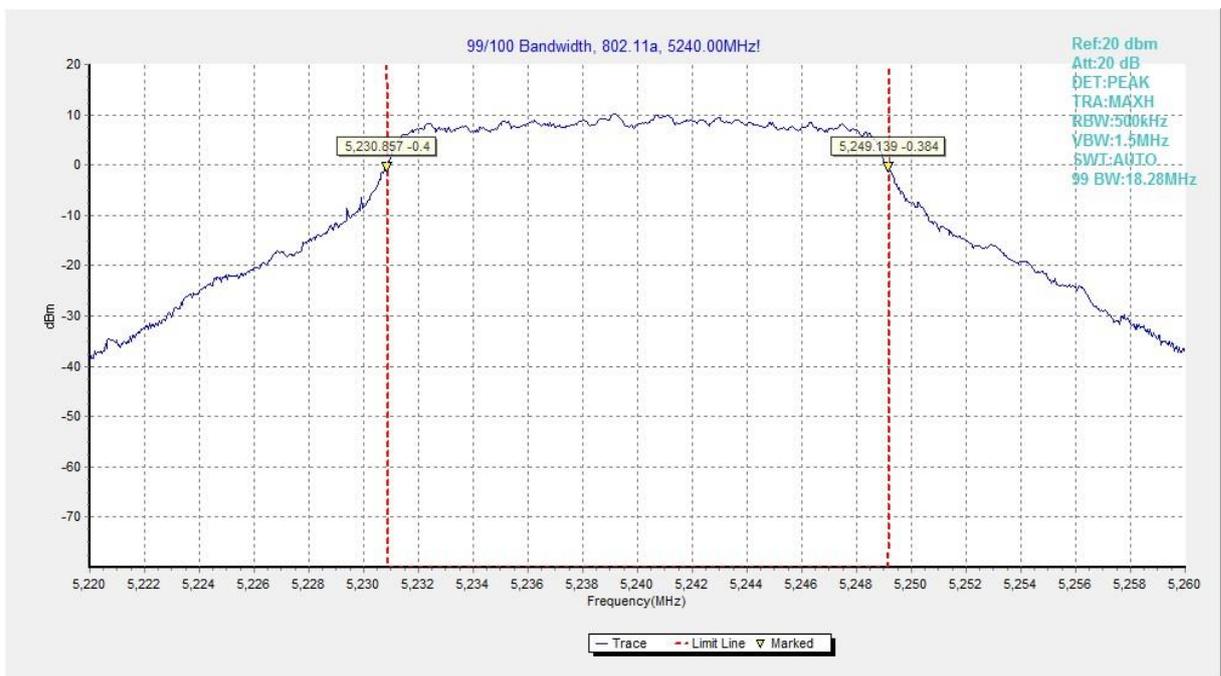


Fig.80 99% Occupied bandwidth (802.11a, 5240MHz)

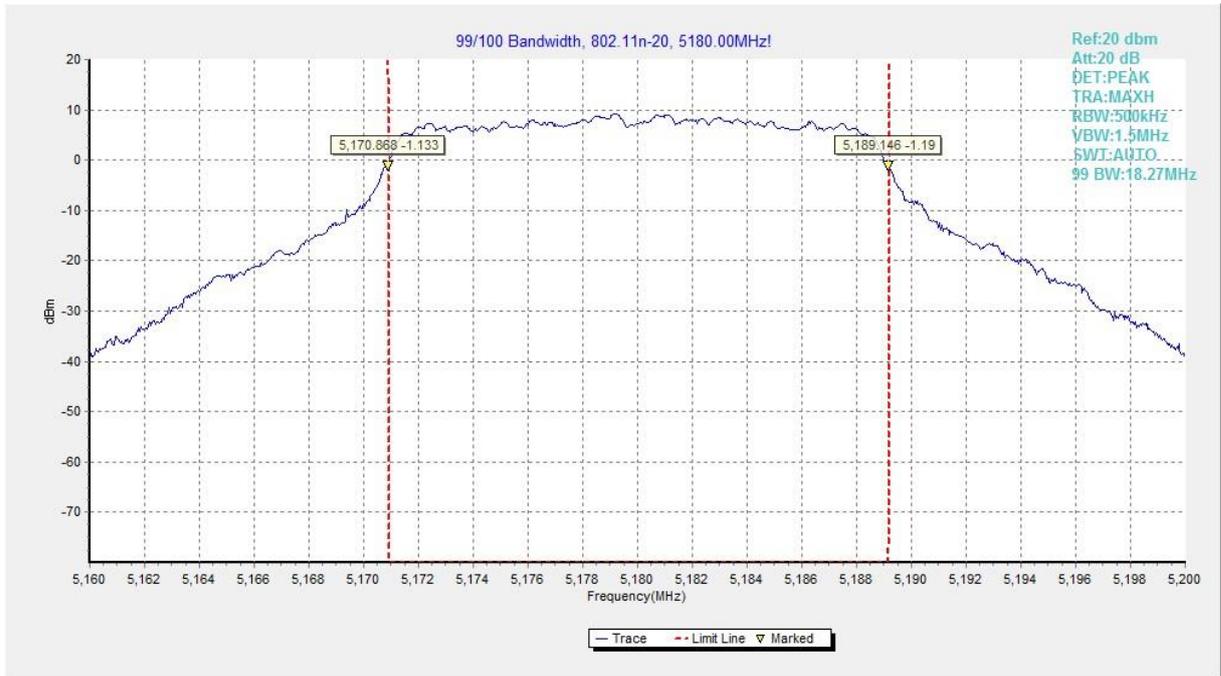


Fig.81 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

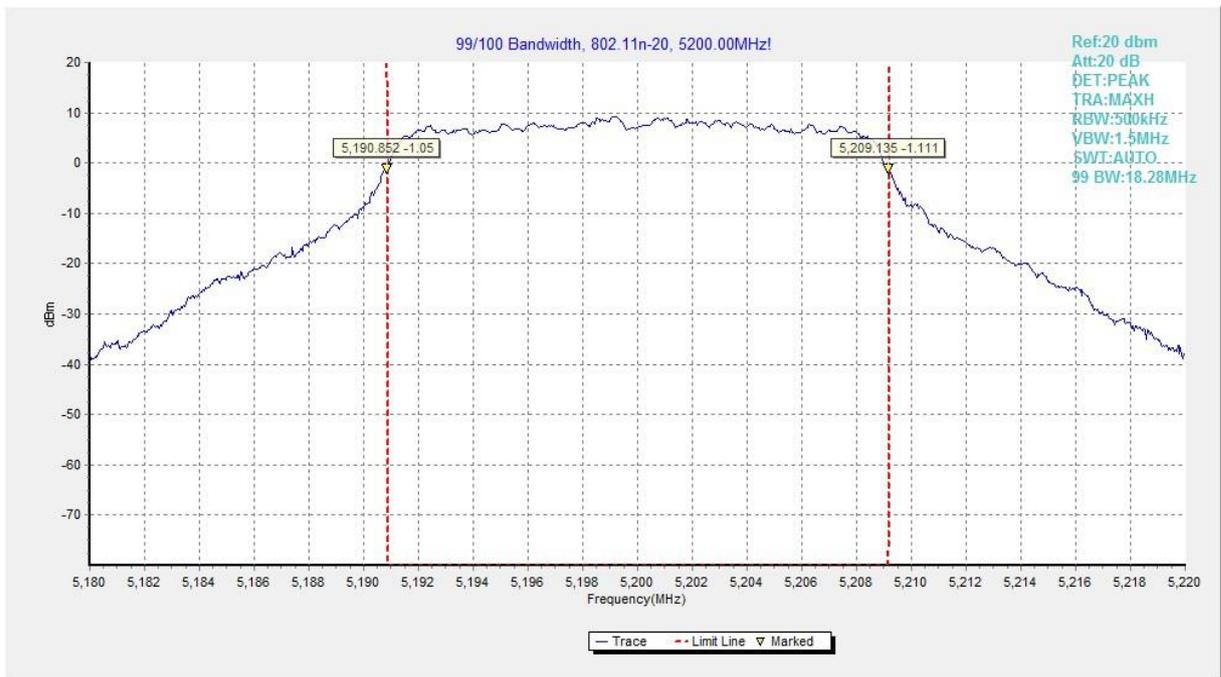


Fig.82 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

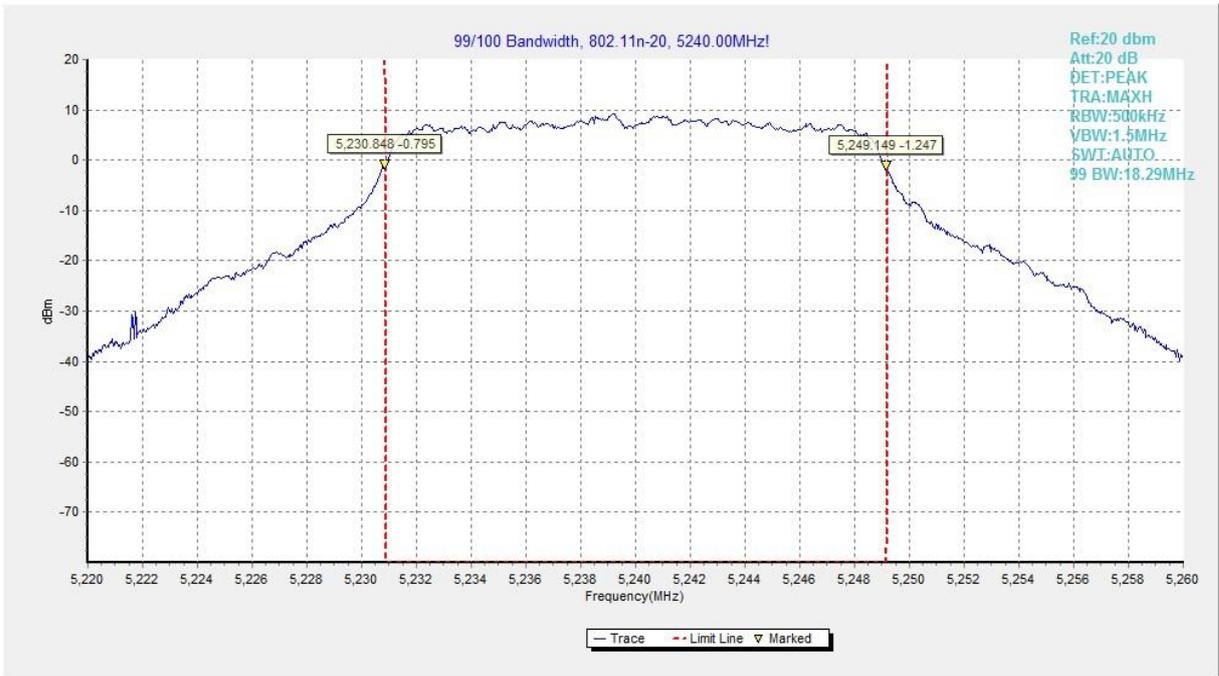


Fig.83 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

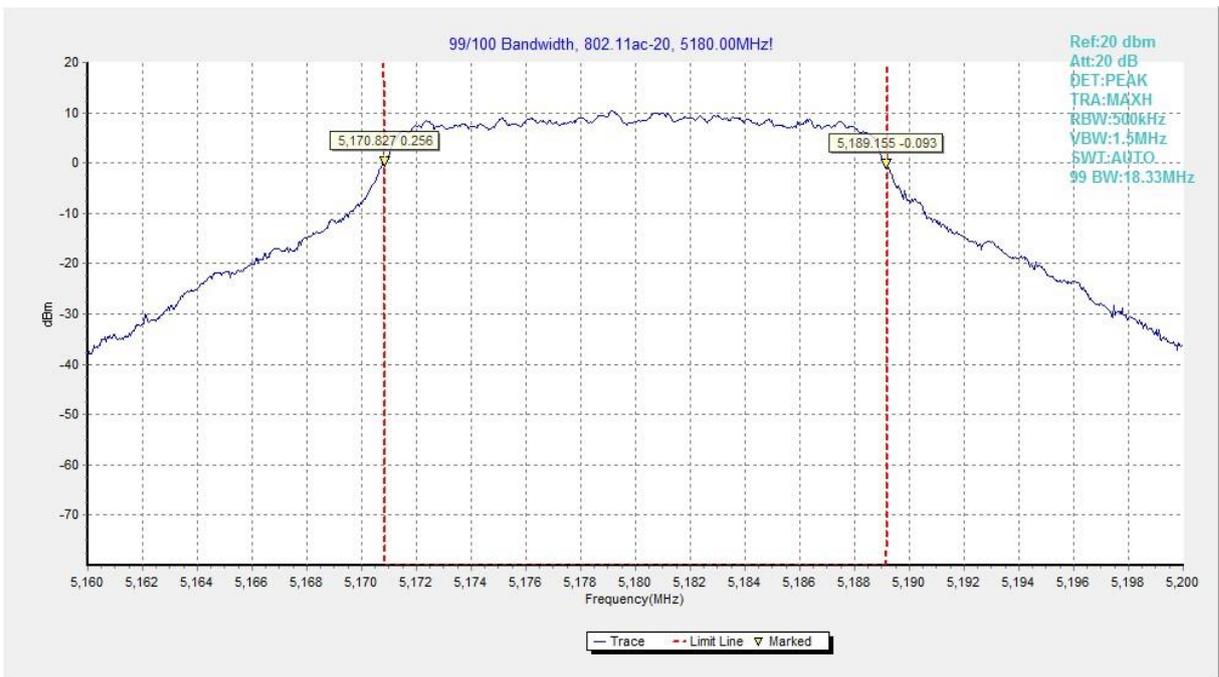


Fig.84 99% Occupied bandwidth (802.11ac-HT20, 5180MHz)



Fig.85 99% Occupied bandwidth (802.11ac-HT20, 5200MHz)

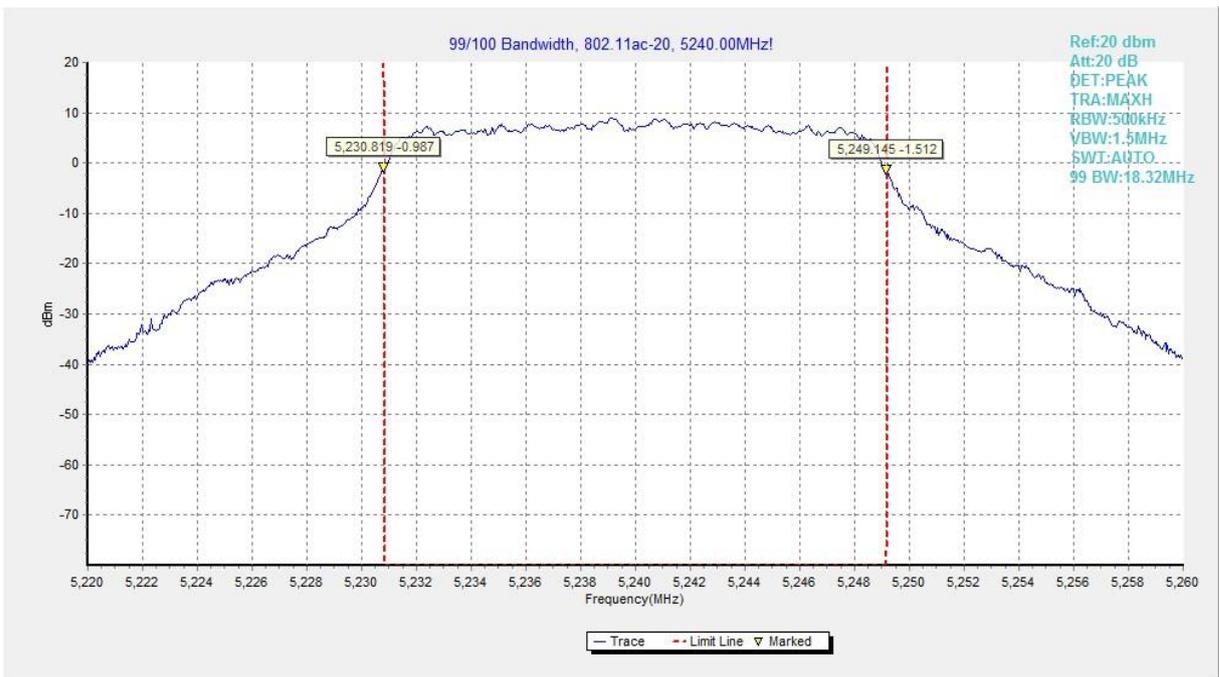


Fig.86 99% Occupied bandwidth (802.11ac-HT20, 5240MHz)



Fig.87 99% Occupied bandwidth (802.11n-HT40, 5190MHz)

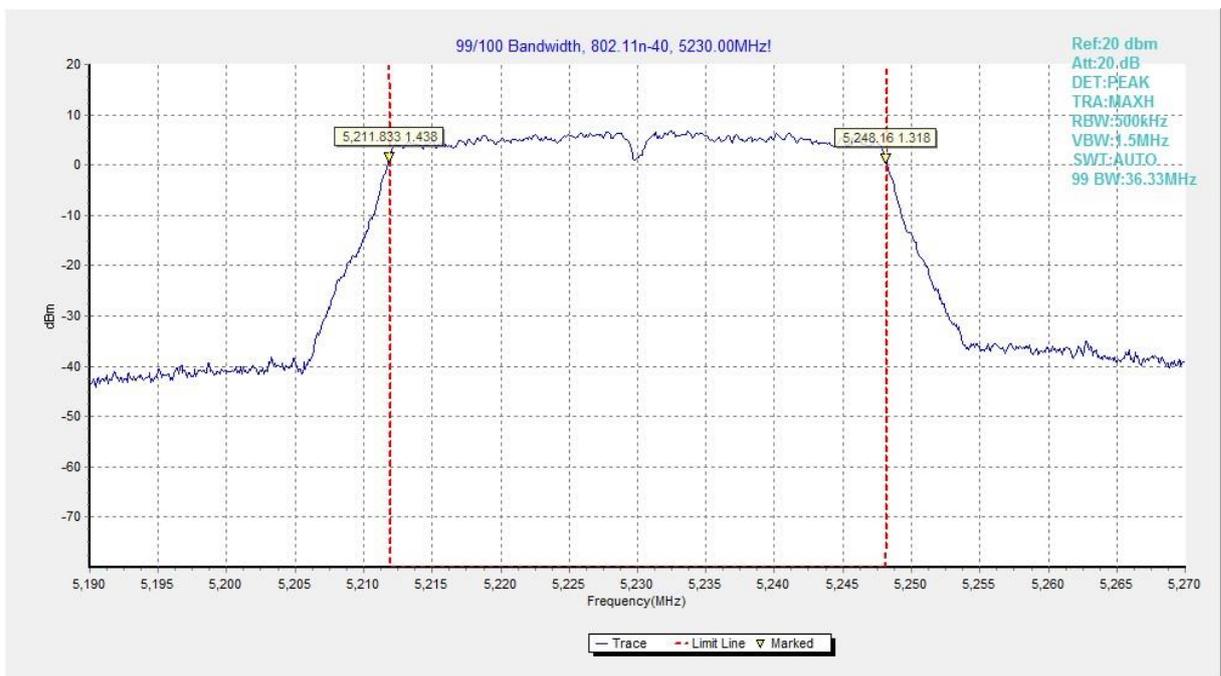


Fig.88 99% Occupied bandwidth (802.11n-HT40, 5230MHz)

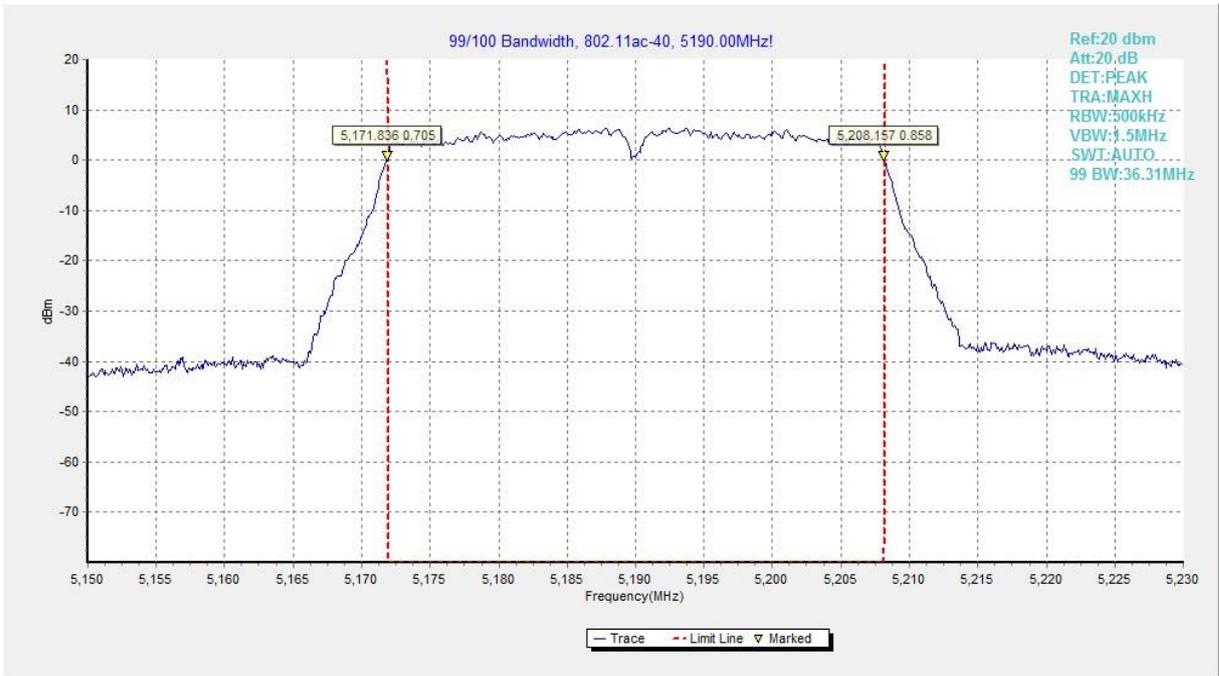


Fig.89 99% Occupied bandwidth (802.11ac-HT40, 5190MHz)

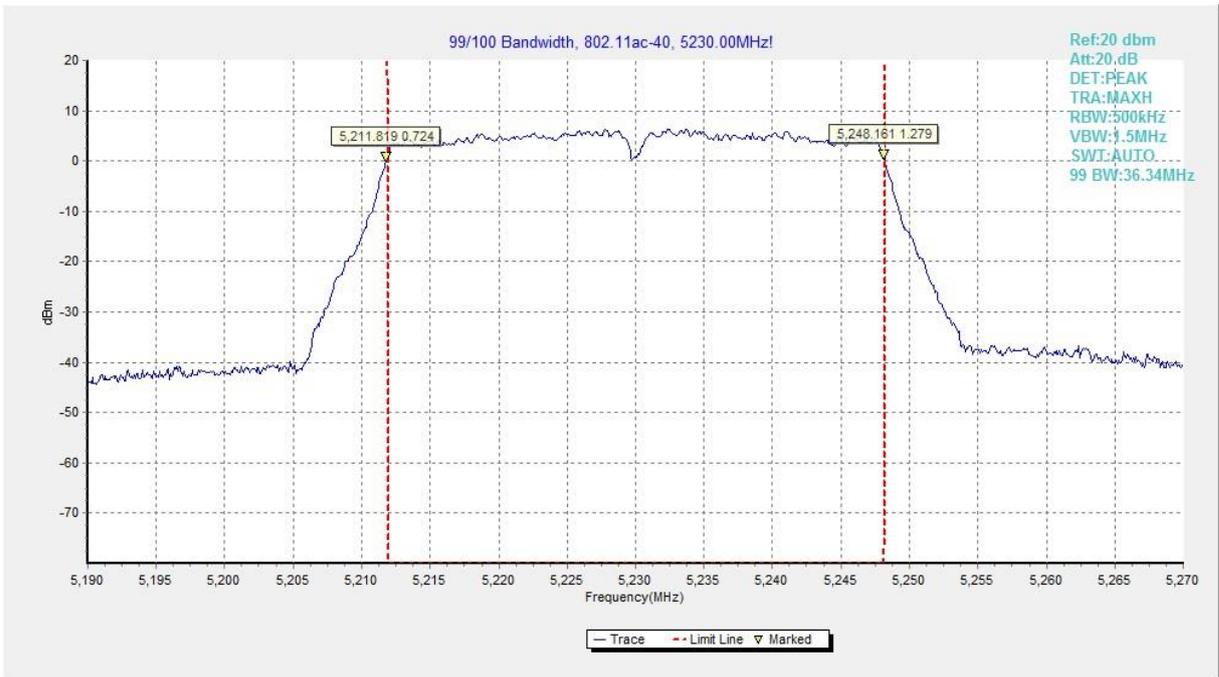


Fig.90 99% Occupied bandwidth (802.11ac-HT40, 5230MHz)

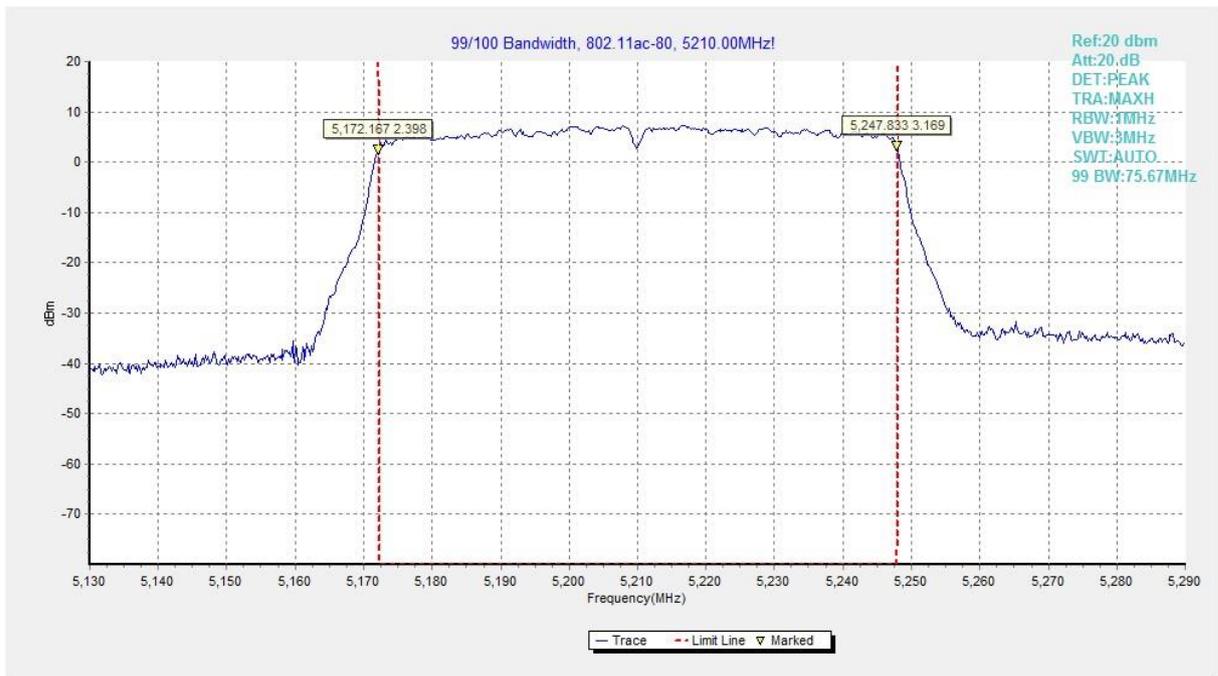
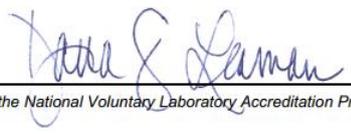


Fig.91 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

B.9. Power control

A Transmission Power Control mechanism is not required for systems with an e.i.r.p. of less than 27dBm (500 mW).

ANNEX C: Accreditation Certificate

<p>United States Department of Commerce National Institute of Standards and Technology</p> <div style="display: flex; justify-content: space-around; align-items: center;"><div style="font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">NVLAP[®]</div><div style="text-align: center;"></div></div> <hr/> <p style="font-size: 1.2em; font-weight: bold;">Certificate of Accreditation to ISO/IEC 17025:2017</p> <hr/> <p>NVLAP LAB CODE: 600118-0</p> <p style="font-weight: bold; text-align: center;">Telecommunication Technology Labs, CAICT</p> <p style="text-align: center;">Beijing China</p> <p style="text-align: center;"><i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i></p> <p style="font-weight: bold; text-align: center;">Electromagnetic Compatibility & Telecommunications</p> <p style="text-align: center;"><i>This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"><div style="text-align: center;"><p>2020-09-29 through 2021-09-30</p><hr style="width: 100%;"/><p><i>Effective Dates</i></p></div><div style="text-align: center;"></div><div style="text-align: center;"><hr style="width: 100%;"/><p><i>For the National Voluntary Laboratory Accreditation Program</i></p></div></div>	
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