

802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n -HT20	36(5180MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	40(5200MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	48(5240MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	52(5260MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	56(5280MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	64(5320MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	100(5500MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	120(5600MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	140(5700MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n HT40	38(5190MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	46(5230MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	54(5270MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	62(5310MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	102(5510MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	118(5590MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
134(5670MHz)	30 MHz ~1 GHz	---	P	
	1 GHz ~ 3 GHz	---	P	
	3 GHz ~ 7 GHz	---	P	
	7 GHz ~ 18 GHz	---	P	
	18 GHz ~ 26.5 GHz	---	P	
	26.5 GHz ~ 40 GHz	---	P	

802.11ac-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac -HT20	36(5180MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	40(5200MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	48(5240MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	52(5260MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	56(5280MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	64(5320MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	100(5500MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	120(5600MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	140(5700MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac HT40	38(5190MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	46(5230MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	54(5270MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	62(5310MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	102(5510MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	118(5590MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
134(5670MHz)	30 MHz ~1 GHz	---	P	
	1 GHz ~ 3 GHz	---	P	
	3 GHz ~ 7 GHz	---	P	
	7 GHz ~ 18 GHz	---	P	
	18 GHz ~ 26.5 GHz	---	P	
	26.5 GHz ~ 40 GHz	---	P	

802.11ac-HT80 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac -HT80	42(5210MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	58(5290MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	106(5530MHz)	26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	122(5610MHz)	7 GHz ~ 18 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
			7 GHz ~ 18 GHz	---

Conclusion: PASS

Note:

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

The measurement results are obtained as described below:

$$\text{Result} = P_{Mea} + A_{Rpl} = P_{Mea} + \text{Cable Loss} + \text{Antenna Factor}$$

AVERAGE Results:
802.11a

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17924.100	42.48	-25.50	46.66	21.32	54.00	11.52	V
17920.800	42.35	-25.50	46.66	21.19	54.00	11.65	V
13341.000	38.67	-29.49	39.71	28.45	54.00	15.33	H
13349.200	38.58	-29.49	39.71	28.36	54.00	15.42	V
5149.600	44.01	-27.61	33.67	37.95	54.00	9.99	H
5149.200	43.67	-27.61	33.67	37.61	54.00	10.33	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17720.000	41.84	-25.74	45.95	21.63	54.00	12.16	H
17954.300	41.77	-25.50	46.66	20.61	54.00	12.23	V
14498.700	37.87	-28.59	42.46	24.00	54.00	16.13	H
13356.900	37.83	-29.49	39.71	27.61	54.00	16.17	V
11929.600	36.17	-31.48	39.09	28.56	54.00	17.83	H
11039.800	36.08	-32.49	38.72	29.84	54.00	17.92	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17975.800	41.57	-25.50	46.66	20.41	54.00	12.43	V
17802.500	41.56	-25.50	46.66	20.40	54.00	12.44	V
14493.800	37.81	-28.59	42.46	23.94	54.00	16.19	H
13344.800	37.68	-29.49	39.71	27.46	54.00	16.32	H
11997.900	36.07	-31.48	39.09	28.46	54.00	17.93	V
11873.000	35.97	-31.85	39.05	28.77	54.00	18.03	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17966.500	41.61	-25.50	46.66	20.45	54.00	12.39	H
17994.500	41.61	-25.50	46.66	20.45	54.00	12.39	H
14488.800	37.81	-28.59	42.46	23.94	54.00	16.19	H
14491.500	37.76	-28.59	42.46	23.89	54.00	16.24	V
11991.800	36.01	-31.48	39.09	28.40	54.00	17.99	H
11032.000	35.94	-32.49	38.72	29.70	54.00	18.06	H

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17752.500	41.65	-25.50	46.66	20.49	54.00	12.35	H
17755.800	41.57	-25.50	46.66	20.41	54.00	12.43	V
13344.200	37.83	-29.49	39.71	27.61	54.00	16.17	V
13355.800	37.76	-29.49	39.71	27.54	54.00	16.24	V
11980.800	35.96	-31.48	39.09	28.35	54.00	18.04	V
11037.000	35.94	-32.49	38.72	29.70	54.00	18.06	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.900	41.54	-25.50	46.66	20.38	54.00	12.46	V
17921.900	41.47	-25.50	46.66	20.31	54.00	12.53	V
13338.800	37.92	-29.49	39.71	27.70	54.00	16.08	H
14482.800	37.78	-28.59	42.46	23.91	54.00	16.22	H
5350.300	44.60	-27.43	34.01	38.02	54.00	9.40	H
5351.500	44.57	-27.43	34.01	37.99	54.00	9.43	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17997.200	41.80	-25.50	46.66	20.64	54.00	12.20	V
17824.500	41.77	-25.50	46.66	20.61	54.00	12.23	H
13343.700	37.96	-29.49	39.71	27.74	54.00	16.04	V
14498.700	37.68	-28.59	42.46	23.81	54.00	16.32	V
5452.100	42.55	-27.18	34.17	35.56	54.00	11.45	H
5458.600	42.54	-27.18	34.17	35.55	54.00	11.46	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17769.500	41.78	-25.50	46.66	20.62	54.00	12.22	V
17996.700	41.48	-25.50	46.66	20.32	54.00	12.52	V
14493.200	37.86	-28.59	42.46	23.99	54.00	16.14	V
14476.100	37.85	-28.59	42.46	23.98	54.00	16.15	H
11960.500	36.05	-31.48	39.09	28.44	54.00	17.95	V
11992.900	35.94	-31.48	39.09	28.33	54.00	18.06	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17749.200	41.64	-25.50	46.66	20.48	54.00	12.36	V
17964.800	41.62	-25.50	46.66	20.46	54.00	12.38	H
14494.900	37.75	-28.59	42.46	23.88	54.00	16.25	V
14481.600	37.71	-28.59	42.46	23.84	54.00	16.29	H
12000.000	36.34	-31.48	39.09	28.73	54.00	17.66	H
11922.500	36.01	-31.48	39.09	28.40	54.00	17.99	V

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.000	41.71	-25.50	46.66	20.55	54.00	12.29	H
17990.100	41.69	-25.50	46.66	20.53	54.00	12.31	H
13334.400	37.77	-29.49	39.71	27.55	54.00	16.23	H
14496.000	37.73	-28.59	42.46	23.86	54.00	16.27	H
5149.300	44.09	-27.61	33.67	38.03	54.00	9.91	H
5149.600	43.83	-27.61	33.67	37.77	54.00	10.17	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17774.000	41.64	-25.50	46.66	20.48	54.00	12.36	H
17725.500	41.55	-25.74	45.95	21.34	54.00	12.45	V
14488.200	37.82	-28.59	42.46	23.95	54.00	16.18	H
13341.500	37.72	-29.49	39.71	27.50	54.00	16.28	H
11990.100	36.14	-31.48	39.09	28.53	54.00	17.86	H
11917.500	36.13	-31.48	39.09	28.52	54.00	17.87	H

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17961.000	41.57	-25.50	46.66	20.41	54.00	12.43	V
17992.300	41.52	-25.50	46.66	20.36	54.00	12.48	V
14488.200	37.78	-28.59	42.46	23.91	54.00	16.22	V
14489.400	37.75	-28.59	42.46	23.88	54.00	16.25	V
11990.100	36.09	-31.48	39.09	28.48	54.00	17.91	H
11997.300	36.08	-31.48	39.09	28.47	54.00	17.92	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17702.500	41.60	-25.74	45.95	21.39	54.00	12.40	V
17795.400	41.52	-25.50	46.66	20.36	54.00	12.48	H
14477.800	37.70	-28.59	42.46	23.83	54.00	16.30	V
13347.500	37.68	-29.49	39.71	27.46	54.00	16.32	H
11922.000	36.18	-31.48	39.09	28.57	54.00	17.82	H
11045.200	36.02	-32.49	38.72	29.78	54.00	17.98	H

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17991.200	41.79	-25.50	46.66	20.63	54.00	12.21	H
17986.200	41.55	-25.50	46.66	20.39	54.00	12.45	H
14489.900	37.64	-28.59	42.46	23.77	54.00	16.36	H
14484.400	37.62	-28.59	42.46	23.75	54.00	16.38	H
11929.600	36.07	-31.48	39.09	28.46	54.00	17.93	V
11953.900	35.96	-31.48	39.09	28.35	54.00	18.04	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.200	41.71	-25.50	46.66	20.55	54.00	12.29	V
17974.700	41.61	-25.50	46.66	20.45	54.00	12.39	V
14489.400	37.80	-28.59	42.46	23.93	54.00	16.20	H
13332.700	37.65	-29.49	39.71	27.43	54.00	16.35	H
5350.200	45.70	-27.43	34.01	39.12	54.00	8.30	H
5350.500	45.68	-27.43	34.01	39.10	54.00	8.32	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17786.600	41.45	-25.50	46.66	20.29	54.00	12.55	H
17813.500	41.44	-25.50	46.66	20.28	54.00	12.56	V
14482.800	37.79	-28.59	42.46	23.92	54.00	16.21	V
14494.300	37.66	-28.59	42.46	23.79	54.00	16.34	V
5457.600	42.85	-27.18	34.17	35.86	54.00	11.15	H
5458.800	42.73	-27.18	34.17	35.74	54.00	11.27	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17814.100	41.78	-25.50	46.66	20.62	54.00	12.22	V
17761.300	41.61	-25.50	46.66	20.45	54.00	12.39	H
14496.000	37.94	-28.59	42.46	24.07	54.00	16.06	H
13348.100	37.62	-29.49	39.71	27.40	54.00	16.38	V
11929.600	36.14	-31.48	39.09	28.53	54.00	17.86	H
11843.900	36.10	-31.85	39.05	28.90	54.00	17.90	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17904.800	41.73	-25.50	46.66	20.57	54.00	12.27	H
17801.500	41.68	-25.50	46.66	20.52	54.00	12.32	H
14476.700	37.71	-28.59	42.46	23.84	54.00	16.29	H
13350.900	37.70	-29.49	39.71	27.48	54.00	16.30	V
11898.300	36.02	-31.85	39.05	28.82	54.00	17.98	H
11803.700	35.93	-31.85	39.05	28.73	54.00	18.07	V

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17802.500	41.60	-25.50	46.66	20.44	54.00	12.40	V
17995.600	41.55	-25.50	46.66	20.39	54.00	12.45	V
13330.000	37.64	-29.49	39.71	27.42	54.00	16.36	V
14488.200	37.63	-28.59	42.46	23.76	54.00	16.37	H
5148.900	44.27	-27.61	33.67	38.21	54.00	9.73	H
5149.500	44.23	-27.61	33.67	38.17	54.00	9.77	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17984.600	41.70	-25.50	46.66	20.54	54.00	12.30	H
17995.000	41.58	-25.50	46.66	20.42	54.00	12.42	V
14482.200	37.67	-28.59	42.46	23.80	54.00	16.33	H
14498.100	37.60	-28.59	42.46	23.73	54.00	16.40	V
11934.600	36.07	-31.48	39.09	28.46	54.00	17.93	H
11997.900	35.98	-31.48	39.09	28.37	54.00	18.02	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.700	41.58	-25.50	46.66	20.42	54.00	12.42	H
17762.400	41.54	-25.50	46.66	20.38	54.00	12.46	H
13347.000	37.79	-29.49	39.71	27.57	54.00	16.21	V
13353.600	37.76	-29.49	39.71	27.54	54.00	16.24	V
11991.800	36.24	-31.48	39.09	28.63	54.00	17.76	V
11983.000	36.15	-31.48	39.09	28.54	54.00	17.85	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17796.000	42.03	-25.50	46.66	20.87	54.00	11.97	H
17780.000	41.60	-25.50	46.66	20.44	54.00	12.40	H
14498.100	37.88	-28.59	42.46	24.01	54.00	16.12	V
14489.900	37.63	-28.59	42.46	23.76	54.00	16.37	H
5350.600	48.34	-27.43	34.01	41.76	54.00	5.66	H
5350.400	48.25	-27.43	34.01	41.67	54.00	5.75	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17720.600	41.61	-25.74	45.95	21.40	54.00	12.39	H
17998.300	41.51	-25.50	46.66	20.35	54.00	12.49	V
13336.500	38.06	-29.49	39.71	27.84	54.00	15.94	V
13343.100	37.57	-29.49	39.71	27.35	54.00	16.43	V
5459.900	44.53	-27.18	34.17	37.54	54.00	9.47	H
5458.900	44.47	-27.18	34.17	37.48	54.00	9.53	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17806.400	41.47	-25.50	46.66	20.31	54.00	12.53	H
17830.600	41.47	-25.50	46.66	20.31	54.00	12.53	H
14483.900	38.03	-28.59	42.46	24.16	54.00	15.97	V
13343.100	37.68	-29.49	39.71	27.46	54.00	16.32	V
11970.400	36.07	-31.48	39.09	28.46	54.00	17.93	H
11996.800	36.04	-31.48	39.09	28.43	54.00	17.96	V

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17716.800	41.59	-25.74	45.95	21.38	54.00	12.41	H
17994.000	41.54	-25.50	46.66	20.38	54.00	12.46	V
14492.600	37.70	-28.59	42.46	23.83	54.00	16.30	V
13361.900	37.64	-29.49	39.71	27.42	54.00	16.36	H
11530.400	36.10	-32.26	38.84	29.53	54.00	17.90	V
11951.600	36.08	-31.48	39.09	28.47	54.00	17.92	H

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17819.000	41.52	-25.50	46.66	20.36	54.00	12.48	V
17882.800	41.48	-25.50	46.66	20.32	54.00	12.52	V
14481.100	37.95	-28.59	42.46	24.08	54.00	16.05	V
14485.000	37.87	-28.59	42.46	24.00	54.00	16.13	H
5149.800	43.86	-27.61	33.67	37.80	54.00	10.14	H
5149.700	43.66	-27.61	33.67	37.60	54.00	10.34	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17799.200	41.73	-25.50	46.66	20.57	54.00	12.27	V
17993.400	41.67	-25.50	46.66	20.51	54.00	12.33	V
13345.900	38.01	-29.49	39.71	27.79	54.00	15.99	V
13337.100	37.70	-29.49	39.71	27.48	54.00	16.30	H
11919.200	35.87	-31.48	39.09	28.26	54.00	18.13	V
11520.500	35.86	-32.26	38.84	29.29	54.00	18.14	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17972.000	41.65	-25.50	46.66	20.49	54.00	12.35	H
17961.000	41.56	-25.50	46.66	20.40	54.00	12.44	H
14496.000	38.10	-28.59	42.46	24.23	54.00	15.90	V
13342.000	37.70	-29.49	39.71	27.48	54.00	16.30	V
11990.700	36.08	-31.48	39.09	28.47	54.00	17.92	H
11897.200	35.90	-31.85	39.05	28.70	54.00	18.10	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17745.300	41.54	-25.50	46.66	20.38	54.00	12.46	V
17781.100	41.52	-25.50	46.66	20.36	54.00	12.48	H
13353.000	37.74	-29.49	39.71	27.52	54.00	16.26	V
13354.100	37.71	-29.49	39.71	27.49	54.00	16.29	V
11988.500	36.04	-31.48	39.09	28.43	54.00	17.96	V
11946.700	35.97	-31.48	39.09	28.36	54.00	18.03	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17937.800	41.63	-25.50	46.66	20.47	54.00	12.37	V
17880.700	41.48	-25.50	46.66	20.32	54.00	12.52	V
14491.000	37.97	-28.59	42.46	24.10	54.00	16.03	V
14497.600	37.75	-28.59	42.46	23.88	54.00	16.25	H
11907.100	36.09	-31.85	39.05	28.89	54.00	17.91	V
11866.400	36.05	-31.85	39.05	28.85	54.00	17.95	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.600	41.62	-25.50	46.66	20.46	54.00	12.38	V
17990.100	41.50	-25.50	46.66	20.34	54.00	12.50	V
13339.300	37.80	-29.49	39.71	27.58	54.00	16.20	H
13338.800	37.76	-29.49	39.71	27.54	54.00	16.24	H
5350.700	45.98	-27.43	34.01	39.40	54.00	8.02	H
5350.200	45.85	-27.43	34.01	39.27	54.00	8.15	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17840.000	41.56	-25.50	46.66	20.40	54.00	12.44	H
17978.500	41.56	-25.50	46.66	20.40	54.00	12.44	H
14494.300	37.99	-28.59	42.46	24.12	54.00	16.01	V
14494.900	37.66	-28.59	42.46	23.79	54.00	16.34	H
5456.000	42.52	-27.18	34.17	35.53	54.00	11.48	H
5456.500	42.49	-27.18	34.17	35.50	54.00	11.51	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17777.800	41.56	-25.50	46.66	20.40	54.00	12.44	V
17984.600	41.53	-25.50	46.66	20.37	54.00	12.47	H
14498.700	37.80	-28.59	42.46	23.93	54.00	16.20	H
14487.100	37.79	-28.59	42.46	23.92	54.00	16.21	H
11987.400	36.06	-31.48	39.09	28.45	54.00	17.94	H
11919.200	36.04	-31.48	39.09	28.43	54.00	17.96	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17787.200	41.62	-25.50	46.66	20.46	54.00	12.38	V
17968.700	41.59	-25.50	46.66	20.43	54.00	12.41	H
14485.500	38.00	-28.59	42.46	24.13	54.00	16.00	H
14482.800	37.66	-28.59	42.46	23.79	54.00	16.34	V
11996.200	36.13	-31.48	39.09	28.52	54.00	17.87	H
11934.000	35.96	-31.48	39.09	28.35	54.00	18.04	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.000	41.77	-25.50	46.66	20.61	54.00	12.23	H
17997.800	41.61	-25.50	46.66	20.45	54.00	12.39	H
14496.500	37.71	-28.59	42.46	23.84	54.00	16.29	H
14498.100	37.62	-28.59	42.46	23.75	54.00	16.38	V
5149.100	45.90	-27.61	33.67	39.84	54.00	8.10	H
5149.300	45.88	-27.61	33.67	39.82	54.00	8.12	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17988.500	41.52	-25.50	46.66	20.36	54.00	12.48	V
17722.800	41.49	-25.74	45.95	21.28	54.00	12.51	H
13344.200	37.64	-29.49	39.71	27.42	54.00	16.36	H
14496.500	37.62	-28.59	42.46	23.75	54.00	16.38	V
11997.300	36.19	-31.48	39.09	28.58	54.00	17.81	V
11941.800	36.11	-31.48	39.09	28.50	54.00	17.89	H

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17765.200	41.81	-25.50	46.66	20.65	54.00	12.19	V
17883.400	41.62	-25.50	46.66	20.46	54.00	12.38	V
13371.200	37.73	-29.49	39.71	27.51	54.00	16.27	V
14484.400	37.71	-28.59	42.46	23.84	54.00	16.29	V
11951.100	36.18	-31.48	39.09	28.57	54.00	17.82	H
11982.500	35.97	-31.48	39.09	28.36	54.00	18.03	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17950.500	41.54	-25.50	46.66	20.38	54.00	12.46	V
17732.700	41.51	-25.74	45.95	21.30	54.00	12.49	H
13339.300	37.74	-29.49	39.71	27.52	54.00	16.26	H
13350.300	37.59	-29.49	39.71	27.37	54.00	16.41	V
5350.000	49.32	-27.43	34.01	42.74	54.00	4.68	H
5350.700	49.26	-27.43	34.01	42.68	54.00	4.74	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17998.900	41.82	-25.50	46.66	20.66	54.00	12.18	V
17774.000	41.71	-25.50	46.66	20.55	54.00	12.29	V
13338.800	38.35	-29.49	39.71	28.13	54.00	15.65	H
14489.900	37.85	-28.59	42.46	23.98	54.00	16.15	H
5459.200	45.21	-27.18	34.17	38.22	54.00	8.79	H
5459.700	44.66	-27.18	34.17	37.67	54.00	9.34	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17754.700	42.05	-25.50	46.66	20.89	54.00	11.95	V
17994.000	41.72	-25.50	46.66	20.56	54.00	12.28	H
14495.400	37.82	-28.59	42.46	23.95	54.00	16.18	H
13336.000	37.69	-29.49	39.71	27.47	54.00	16.31	H
11983.000	36.40	-31.48	39.09	28.79	54.00	17.60	V
11988.000	36.10	-31.48	39.09	28.49	54.00	17.90	H

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17799.200	41.67	-25.50	46.66	20.51	54.00	12.33	V
17747.000	41.57	-25.50	46.66	20.41	54.00	12.43	V
14496.500	37.91	-28.59	42.46	24.04	54.00	16.09	H
13339.900	37.80	-29.49	39.71	27.58	54.00	16.20	H
11987.400	36.08	-31.48	39.09	28.47	54.00	17.92	H
11932.400	36.06	-31.48	39.09	28.45	54.00	17.94	H

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Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.800	41.59	-25.50	46.66	20.43	54.00	12.41	V
17998.900	41.59	-25.50	46.66	20.43	54.00	12.41	V
14478.400	37.81	-28.59	42.46	23.94	54.00	16.19	V
13337.100	37.71	-29.49	39.71	27.49	54.00	16.29	V
5150.000	48.53	-27.61	33.67	42.47	54.00	5.47	H
5149.500	48.42	-27.61	33.67	42.36	54.00	5.58	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17768.500	41.65	-25.50	46.66	20.49	54.00	12.35	V
17967.500	41.59	-25.50	46.66	20.43	54.00	12.41	V
14485.500	37.82	-28.59	42.46	23.95	54.00	16.18	H
13337.100	37.76	-29.49	39.71	27.54	54.00	16.24	H
5352.200	52.74	-27.43	34.01	46.16	54.00	1.26	H
5351.700	52.67	-27.43	34.01	46.09	54.00	1.33	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17800.300	41.83	-25.50	46.66	20.67	54.00	12.17	H
17766.800	41.58	-25.50	46.66	20.42	54.00	12.42	V
14499.200	37.82	-28.59	42.46	23.95	54.00	16.18	V
13341.500	37.68	-29.49	39.71	27.46	54.00	16.32	H
5458.300	47.99	-27.18	34.17	41.00	54.00	6.01	H
5459.500	47.90	-27.18	34.17	40.91	54.00	6.10	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17995.600	41.59	-25.50	46.66	20.43	54.00	12.41	H
17813.000	41.57	-25.50	46.66	20.41	54.00	12.43	V
13347.000	37.70	-29.49	39.71	27.48	54.00	16.30	V
14486.600	37.69	-28.59	42.46	23.82	54.00	16.31	V
11521.000	36.00	-32.26	38.84	29.43	54.00	18.00	H
11941.800	35.99	-31.48	39.09	28.38	54.00	18.01	H

PEAK Results:
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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17735.500	53.02	-25.74	45.95	32.81	74.00	20.98	V
17939.000	52.96	-25.50	46.66	31.80	74.00	21.04	H
13724.300	51.74	-29.10	40.86	39.97	68.30	16.56	H
13688.000	50.63	-29.50	40.43	39.70	68.30	17.67	V
5149.600	57.89	-27.61	33.67	51.83	74.00	16.11	H
5147.100	56.90	-27.61	33.67	50.84	74.00	17.10	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17972.500	52.80	-25.50	46.66	31.64	74.00	21.20	V
17240.500	52.56	-25.95	44.35	34.15	68.30	15.74	V
13728.700	50.19	-29.10	40.86	38.42	68.30	18.11	H
13589.500	50.16	-29.50	40.43	39.23	68.30	18.14	V
11523.800	46.69	-32.26	38.84	40.12	74.00	27.31	H
10863.800	46.52	-32.33	38.59	40.26	74.00	27.48	H

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.800	52.87	-25.50	46.66	31.71	74.00	21.13	V
17326.800	52.34	-25.95	44.35	33.93	68.30	15.96	H
13610.500	50.13	-29.50	40.43	39.20	68.30	18.17	V
13540.600	50.11	-29.56	39.99	39.68	68.30	18.19	H
11984.600	46.77	-31.48	39.09	39.16	74.00	27.23	V
10651.500	46.46	-32.76	38.38	40.84	74.00	27.54	V

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17393.300	52.50	-26.85	45.25	34.10	68.30	15.80	H
17832.800	52.29	-25.50	46.66	31.13	74.00	21.71	H
13550.000	50.53	-29.56	39.99	40.10	68.30	17.77	H
13556.500	50.53	-29.56	39.99	40.10	68.30	17.77	H
11898.300	47.76	-31.85	39.05	40.56	74.00	26.24	H
11051.300	47.41	-32.49	38.72	41.17	74.00	26.59	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17706.300	52.01	-25.74	45.95	31.80	74.00	21.99	V
17278.400	51.89	-25.95	44.35	33.48	68.30	16.41	H
13575.200	50.69	-29.50	40.43	39.76	68.30	17.61	V
13566.500	50.47	-29.50	40.43	39.54	68.30	17.83	V
8890.900	46.78	-33.54	38.14	42.17	68.30	21.52	H
10682.200	46.56	-32.77	38.49	40.84	74.00	27.44	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17765.700	52.22	-25.50	46.66	31.06	74.00	21.78	H
17412.000	51.69	-26.85	45.25	33.29	68.30	16.61	V
13650.600	49.89	-29.50	40.43	38.96	68.30	18.41	H
13642.400	49.65	-29.50	40.43	38.72	68.30	18.65	V
5351.100	60.75	-27.43	34.01	54.17	74.00	13.25	H
5350.600	60.41	-27.43	34.01	53.83	74.00	13.59	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17870.800	51.75	-25.50	46.66	30.59	74.00	22.25	H
17923.000	51.71	-25.50	46.66	30.55	74.00	22.29	V
13636.300	50.15	-29.50	40.43	39.22	68.30	18.15	H
13666.000	50.15	-29.50	40.43	39.22	68.30	18.15	H
5458.100	57.94	-27.18	34.17	50.95	74.00	16.06	H
5468.900	60.76	-27.18	34.17	53.77	68.30	7.54	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17857.000	52.97	-25.50	46.66	31.81	74.00	21.03	H
17785.000	52.03	-25.50	46.66	30.87	74.00	21.97	V
13616.500	50.88	-29.50	40.43	39.95	68.30	17.42	H
13595.000	50.05	-29.50	40.43	39.12	68.30	18.25	H
11457.200	46.66	-32.26	38.84	40.09	74.00	27.34	V
11593.600	46.48	-32.31	38.91	39.89	74.00	27.52	H

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17716.200	52.13	-25.74	45.95	31.92	74.00	21.87	V
17908.200	52.10	-25.50	46.66	30.94	74.00	21.90	H
13636.300	49.78	-29.50	40.43	38.85	68.30	18.52	V
14619.100	49.50	-27.29	41.90	34.89	68.30	18.80	V
5725.700	65.00	-27.07	34.31	57.76	68.30	3.30	H
5725.300	64.98	-27.07	34.31	57.74	68.30	3.32	H

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17678.800	52.13	-25.74	45.95	31.92	68.30	16.17	H
17993.400	51.86	-25.50	46.66	30.70	74.00	22.14	H
13746.900	50.59	-29.10	40.86	38.82	68.30	17.71	V
13635.200	49.65	-29.50	40.43	38.72	68.30	18.65	H
5149.800	59.79	-27.61	33.67	53.73	74.00	14.21	H
5149.700	59.58	-27.61	33.67	53.52	74.00	14.42	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17697.500	53.08	-25.74	45.95	32.87	68.30	15.22	H
17791.000	51.80	-25.50	46.66	30.64	74.00	22.20	H
13624.800	50.90	-29.50	40.43	39.97	68.30	17.40	V
13608.200	50.19	-29.50	40.43	39.26	68.30	18.11	V
11990.100	46.83	-31.48	39.09	39.22	74.00	27.17	H
10945.100	46.70	-32.82	38.70	40.82	74.00	27.30	H

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17787.200	52.07	-25.50	46.66	30.91	74.00	21.93	H
17599.000	51.89	-25.74	45.95	31.68	68.30	16.41	V
13613.800	49.78	-29.50	40.43	38.85	68.30	18.52	H
13725.400	49.52	-29.10	40.86	37.75	68.30	18.78	V
11931.900	46.51	-31.48	39.09	38.90	74.00	27.49	H
11241.000	46.46	-32.36	38.77	40.06	74.00	27.54	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17960.400	52.40	-25.50	46.66	31.24	74.00	21.60	H
17929.000	52.34	-25.50	46.66	31.18	74.00	21.66	H
14162.600	50.20	-28.99	42.00	37.18	68.30	18.10	H
13624.200	50.14	-29.50	40.43	39.21	68.30	18.16	H
11453.400	46.40	-32.26	38.84	39.83	74.00	27.60	H
10372.600	46.35	-33.22	38.19	41.38	68.30	21.95	H

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17936.800	52.71	-25.50	46.66	31.55	74.00	21.29	H
17809.200	52.34	-25.50	46.66	31.18	74.00	21.66	H
14197.300	50.04	-28.99	42.00	37.02	68.30	18.26	V
13559.300	49.73	-29.50	40.43	38.80	68.30	18.57	V
11945.000	46.52	-31.48	39.09	38.91	74.00	27.48	H
11944.000	46.37	-31.48	39.09	38.76	74.00	27.63	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17780.500	53.01	-25.50	46.66	31.85	74.00	20.99	V
17315.200	52.49	-25.95	44.35	34.08	68.30	15.81	H
13684.700	50.59	-29.50	40.43	39.66	68.30	17.71	V
13614.300	50.47	-29.50	40.43	39.54	68.30	17.83	H
5350.900	61.92	-27.43	34.01	55.34	74.00	12.08	H
5350.000	61.27	-27.43	34.01	54.69	74.00	12.73	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17876.200	52.16	-25.50	46.66	31.00	74.00	21.84	H
17232.800	52.01	-25.95	44.35	33.60	68.30	16.29	V
13553.800	50.25	-29.56	39.99	39.82	68.30	18.05	V
13653.400	49.73	-29.50	40.43	38.80	68.30	18.57	H
5456.800	54.62	-27.18	34.17	47.63	74.00	19.38	H
5469.900	61.13	-27.18	34.17	54.14	68.30	7.17	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17612.200	52.00	-25.74	45.95	31.79	68.30	16.30	V
17543.500	51.95	-26.85	45.25	33.55	68.30	16.35	H
13609.900	49.96	-29.50	40.43	39.03	68.30	18.34	V
13580.200	49.71	-29.50	40.43	38.78	68.30	18.59	H
11964.900	46.96	-31.48	39.09	39.35	74.00	27.04	H
11974.200	46.87	-31.48	39.09	39.26	74.00	27.13	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17940.600	52.05	-25.50	46.66	30.89	74.00	21.95	V
17618.800	51.99	-25.74	45.95	31.78	68.30	16.31	V
13658.900	50.00	-29.50	40.43	39.07	68.30	18.30	H
13636.900	49.87	-29.50	40.43	38.94	68.30	18.43	V
5726.900	64.83	-27.07	34.31	57.59	68.30	3.47	H
5725.600	64.72	-27.07	34.31	57.48	68.30	3.58	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17739.300	52.01	-25.50	46.66	30.85	74.00	21.99	H
17732.700	51.96	-25.74	45.95	31.75	74.00	22.04	V
13653.900	49.66	-29.50	40.43	38.73	68.30	18.64	H
13533.500	49.53	-29.56	39.99	39.10	68.30	18.77	H
5150.000	62.50	-27.61	33.67	56.44	74.00	11.50	H
5149.800	62.05	-27.61	33.67	55.99	74.00	11.95	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17893.800	52.96	-25.50	46.66	31.80	74.00	21.04	H
17514.900	52.08	-26.85	45.25	33.68	68.30	16.22	H
13617.600	51.23	-29.50	40.43	40.30	68.30	17.07	H
13628.000	50.10	-29.50	40.43	39.17	68.30	18.20	V
11934.600	46.85	-31.48	39.09	39.24	74.00	27.15	H
10862.600	46.79	-32.33	38.59	40.53	74.00	27.21	H

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17783.300	52.55	-25.50	46.66	31.39	74.00	21.45	V
17956.500	51.95	-25.50	46.66	30.79	74.00	22.05	V
13577.500	49.99	-29.50	40.43	39.06	68.30	18.31	V
13573.000	49.96	-29.50	40.43	39.03	68.30	18.34	V
11490.200	47.00	-32.26	38.84	40.43	74.00	27.00	V
11997.900	46.45	-31.48	39.09	38.84	74.00	27.55	H

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17800.900	52.30	-25.50	46.66	31.14	74.00	21.70	V
17777.800	51.88	-25.50	46.66	30.72	74.00	22.12	H
13507.000	49.79	-29.56	39.99	39.36	68.30	18.51	V
13569.800	49.50	-29.50	40.43	38.57	68.30	18.80	V
5352.400	66.17	-27.43	34.01	59.59	74.00	7.83	H
5351.000	64.98	-27.43	34.01	58.40	74.00	9.02	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17754.700	52.07	-25.50	46.66	30.91	74.00	21.93	H
17783.800	51.80	-25.50	46.66	30.64	74.00	22.20	V
13649.500	50.31	-29.50	40.43	39.38	68.30	17.99	H
13754.500	50.11	-29.10	40.86	38.34	68.30	18.19	V
5458.300	58.30	-27.18	34.17	51.31	74.00	15.70	H
5468.400	65.92	-27.18	34.17	58.93	68.30	2.38	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17552.800	52.22	-26.85	45.25	33.82	68.30	16.08	V
17984.600	52.09	-25.50	46.66	30.93	74.00	21.91	H
13761.700	50.30	-29.10	40.86	38.53	68.30	18.00	H
13726.000	49.73	-29.10	40.86	37.96	68.30	18.57	V
11859.200	46.34	-31.85	39.05	39.14	74.00	27.66	V
10963.900	46.17	-32.82	38.70	40.29	74.00	27.83	H

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17848.800	52.51	-25.50	46.66	31.35	74.00	21.49	V
17296.500	52.23	-25.95	44.35	33.82	68.30	16.07	H
13733.100	49.77	-29.10	40.86	38.00	68.30	18.53	H
13631.900	49.68	-29.50	40.43	38.75	68.30	18.62	H
5743.700	55.81	-27.07	34.31	48.57	68.30	12.49	H
5733.000	55.46	-27.07	34.31	48.22	68.30	12.84	H

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17733.800	52.28	-25.74	45.95	32.07	74.00	21.72	V
17819.000	52.15	-25.50	46.66	30.99	74.00	21.85	V
13646.800	50.21	-29.50	40.43	39.28	68.30	18.09	V
13657.200	49.95	-29.50	40.43	39.02	68.30	18.35	H
5142.500	58.55	-27.61	33.67	52.49	74.00	15.45	H
5149.500	58.05	-27.61	33.67	51.99	74.00	15.95	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17728.300	52.89	-25.74	45.95	32.68	74.00	21.11	H
17710.700	52.20	-25.74	45.95	31.99	74.00	21.80	V
13549.400	49.90	-29.56	39.99	39.47	68.30	18.40	V
13547.200	49.70	-29.56	39.99	39.27	68.30	18.60	V
11975.300	46.66	-31.48	39.09	39.05	74.00	27.34	H
10946.200	46.41	-32.82	38.70	40.53	74.00	27.59	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17971.400	52.09	-25.50	46.66	30.93	74.00	21.91	V
17766.800	52.02	-25.50	46.66	30.86	74.00	21.98	V
13638.000	49.58	-29.50	40.43	38.65	68.30	18.72	H
13653.900	49.54	-29.50	40.43	38.61	68.30	18.76	V
11046.400	46.54	-32.49	38.72	40.30	74.00	27.46	V
11056.200	46.48	-32.49	38.72	40.24	74.00	27.52	H

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17488.500	52.03	-26.85	45.25	33.63	68.30	16.27	V
17682.700	52.01	-25.74	45.95	31.80	68.30	16.29	V
13716.600	50.27	-29.10	40.86	38.50	68.30	18.03	H
13524.600	49.60	-29.56	39.99	39.17	68.30	18.70	V
11863.600	47.15	-31.85	39.05	39.95	74.00	26.85	V
10439.100	46.64	-33.22	38.19	41.67	68.30	21.66	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17863.000	52.62	-25.50	46.66	31.46	74.00	21.38	V
17957.100	51.88	-25.50	46.66	30.72	74.00	22.12	V
13738.600	50.17	-29.10	40.86	38.40	68.30	18.13	H
13616.000	49.99	-29.50	40.43	39.06	68.30	18.31	V
11024.400	46.78	-32.49	38.72	40.54	74.00	27.22	H
11950.000	46.69	-31.48	39.09	39.08	74.00	27.31	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17698.600	52.50	-25.74	45.95	32.29	68.30	15.80	H
17768.500	52.16	-25.50	46.66	31.00	74.00	21.84	V
13647.300	49.87	-29.50	40.43	38.94	68.30	18.43	V
13618.700	49.77	-29.50	40.43	38.84	68.30	18.53	V
5350.000	62.76	-27.43	34.01	56.18	74.00	11.24	H
5350.500	62.55	-27.43	34.01	55.97	74.00	11.45	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17513.800	52.38	-26.85	45.25	33.98	68.30	15.92	V
17734.300	52.10	-25.74	45.95	31.89	74.00	21.90	V
13754.000	50.15	-29.10	40.86	38.38	68.30	18.15	H
13749.600	49.68	-29.10	40.86	37.91	68.30	18.62	V
5459.900	56.10	-27.18	34.17	49.11	74.00	17.90	H
5469.900	61.95	-27.18	34.17	54.96	68.30	6.35	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17788.800	52.06	-25.50	46.66	30.90	74.00	21.94	H
17668.900	52.00	-25.74	45.95	31.79	68.30	16.30	H
13839.800	49.99	-29.51	41.30	38.20	68.30	18.31	H
13568.600	49.66	-29.50	40.43	38.73	68.30	18.64	H
11706.400	46.57	-31.99	38.98	39.58	74.00	27.43	H
11568.300	46.48	-32.31	38.91	39.89	74.00	27.52	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.400	52.79	-25.50	46.66	31.63	74.00	21.21	V
17305.300	52.06	-25.95	44.35	33.65	68.30	16.24	H
13748.500	50.06	-29.10	40.86	38.29	68.30	18.24	H
13547.800	50.02	-29.56	39.99	39.59	68.30	18.28	V
5725.500	64.32	-27.07	34.31	57.08	68.30	3.98	H
5725.100	64.13	-27.07	34.31	56.89	68.30	4.17	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17617.800	52.08	-25.74	45.95	31.87	68.30	16.22	V
17758.500	52.03	-25.50	46.66	30.87	74.00	21.97	H
13563.100	51.13	-29.50	40.43	40.20	68.30	17.17	H
13638.500	50.45	-29.50	40.43	39.52	68.30	17.85	H
5148.600	62.43	-27.61	33.67	56.37	74.00	11.57	H
5148.900	61.81	-27.61	33.67	55.75	74.00	12.19	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17967.500	52.13	-25.50	46.66	30.97	74.00	21.87	H
17390.000	52.00	-26.85	45.25	33.60	68.30	16.30	V
13584.600	50.11	-29.50	40.43	39.18	68.30	18.19	H
13522.500	50.10	-29.56	39.99	39.67	68.30	18.20	V
11950.500	46.60	-31.48	39.09	38.99	74.00	27.40	V
10554.600	46.58	-32.99	38.27	41.29	68.30	21.72	H

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17777.200	52.71	-25.50	46.66	31.55	74.00	21.29	H
17791.000	52.35	-25.50	46.66	31.19	74.00	21.65	V
13750.100	49.79	-29.10	40.86	38.02	68.30	18.51	H
13629.100	49.66	-29.50	40.43	38.73	68.30	18.64	H
11516.000	46.96	-32.26	38.84	40.39	74.00	27.04	V
11903.800	46.47	-31.85	39.05	39.27	74.00	27.53	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17694.800	52.43	-25.74	45.95	32.22	68.30	15.87	H
17983.500	52.16	-25.50	46.66	31.00	74.00	21.84	H
13650.600	50.67	-29.50	40.43	39.74	68.30	17.63	V
13759.500	49.78	-29.10	40.86	38.01	68.30	18.52	V
5350.300	67.54	-27.43	34.01	60.96	74.00	6.46	H
5351.400	66.72	-27.43	34.01	60.14	74.00	7.28	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17631.000	52.22	-25.74	45.95	32.01	68.30	16.08	V
17742.600	51.99	-25.50	46.66	30.83	74.00	22.01	V
13617.600	49.95	-29.50	40.43	39.02	68.30	18.35	H
14192.400	49.81	-28.99	42.00	36.79	68.30	18.49	V
5459.500	60.03	-27.18	34.17	53.04	74.00	13.97	H
5468.900	67.53	-27.18	34.17	60.54	68.30	0.77	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17981.300	52.22	-25.50	46.66	31.06	74.00	21.78	V
17285.500	51.96	-25.95	44.35	33.55	68.30	16.34	V
13652.200	50.38	-29.50	40.43	39.45	68.30	17.92	V
13519.100	49.99	-29.56	39.99	39.56	68.30	18.31	H
11050.200	46.57	-32.49	38.72	40.33	74.00	27.43	V
10937.500	46.35	-32.82	38.70	40.47	74.00	27.65	V

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17864.700	52.02	-25.50	46.66	30.86	74.00	21.98	V
17191.500	51.82	-26.60	43.36	35.06	68.30	16.48	H
13623.100	50.87	-29.50	40.43	39.94	68.30	17.43	H
13531.800	50.80	-29.56	39.99	40.37	68.30	17.50	H
5765.800	53.81	-27.07	34.33	46.55	68.30	14.49	V
5810.900	53.69	-27.07	34.33	46.43	68.30	14.61	V

802.11ac-HT80
Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17925.800	52.02	-25.50	46.66	30.86	74.00	21.98	H
17290.000	51.88	-25.95	44.35	33.47	68.30	16.42	H
13642.900	50.91	-29.50	40.43	39.98	68.30	17.39	H
13745.800	49.94	-29.10	40.86	38.17	68.30	18.36	H
5147.100	65.49	-27.61	33.67	59.43	74.00	8.51	H
5146.400	64.01	-27.61	33.67	57.95	74.00	9.99	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17659.500	51.90	-25.74	45.95	31.69	68.30	16.40	V
17768.500	51.90	-25.50	46.66	30.74	74.00	22.10	V
13562.600	50.02	-29.50	40.43	39.09	68.30	18.28	H
13629.700	49.44	-29.50	40.43	38.51	68.30	18.86	H
5351.900	69.71	-27.43	34.01	63.13	74.00	4.29	H
5353.300	68.28	-27.43	34.01	61.70	74.00	5.72	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17961.500	52.28	-25.50	46.66	31.12	74.00	21.72	H
17407.700	52.23	-26.85	45.25	33.83	68.30	16.07	V
13646.200	50.28	-29.50	40.43	39.35	68.30	18.02	V
13623.100	50.03	-29.50	40.43	39.10	68.30	18.27	V
5455.700	64.90	-27.18	34.17	57.91	74.00	9.10	H
5462.000	64.83	-27.18	34.17	57.84	68.30	3.47	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17712.300	52.02	-25.74	45.95	31.81	74.00	21.98	V
17472.000	51.85	-26.85	45.25	33.45	68.30	16.45	V
13666.500	50.28	-29.50	40.43	39.35	68.30	18.02	H
13626.400	49.89	-29.50	40.43	38.96	68.30	18.41	H
5729.900	54.91	-27.07	34.31	47.67	68.30	13.39	H
5725.000	54.60	-27.07	34.31	47.36	68.30	13.70	H

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

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement uncertainty:

Expanded measurement uncertainty for this test item is U =3.10dB, k=2.

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.58	Fig.59	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.58	Fig.59	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.

Conclusion: PASS

Test graphs as below:

Traffic:

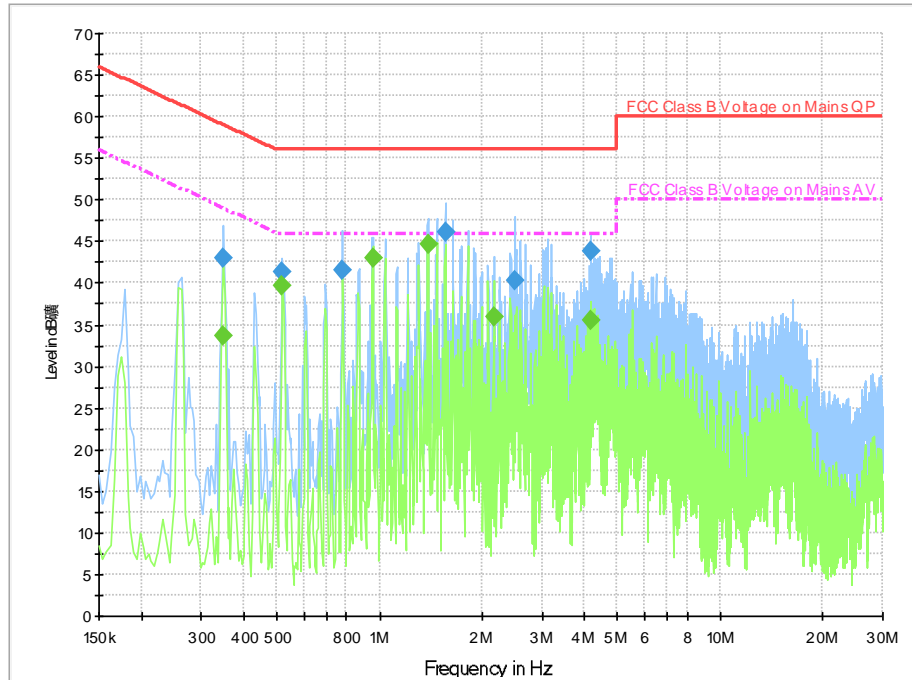


Fig.58 Conducted Emission (802.11a, Ch36, TX)

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.346000	43.0	5000.0	9.000	On	N	19.8	16.1	59.1
0.518000	41.3	5000.0	9.000	On	L1	19.7	14.7	56.0
0.778000	41.6	5000.0	9.000	On	N	19.6	14.4	56.0
1.558000	46.1	5000.0	9.000	On	N	19.6	9.9	56.0
2.502000	40.2	5000.0	9.000	On	N	19.6	15.8	56.0
4.162000	43.7	5000.0	9.000	On	L1	19.6	12.3	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.346000	33.7	5000.0	9.000	On	N	19.8	15.3	49.1
0.518000	39.7	5000.0	9.000	On	L1	19.7	6.3	46.0
0.954000	43.1	5000.0	9.000	On	L1	19.7	2.9	46.0
1.386000	44.6	5000.0	9.000	On	L1	19.7	1.4	46.0
2.170000	35.9	5000.0	9.000	On	L1	19.6	10.1	46.0
4.162000	35.5	5000.0	9.000	On	L1	19.6	10.5	46.0

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

Idle:

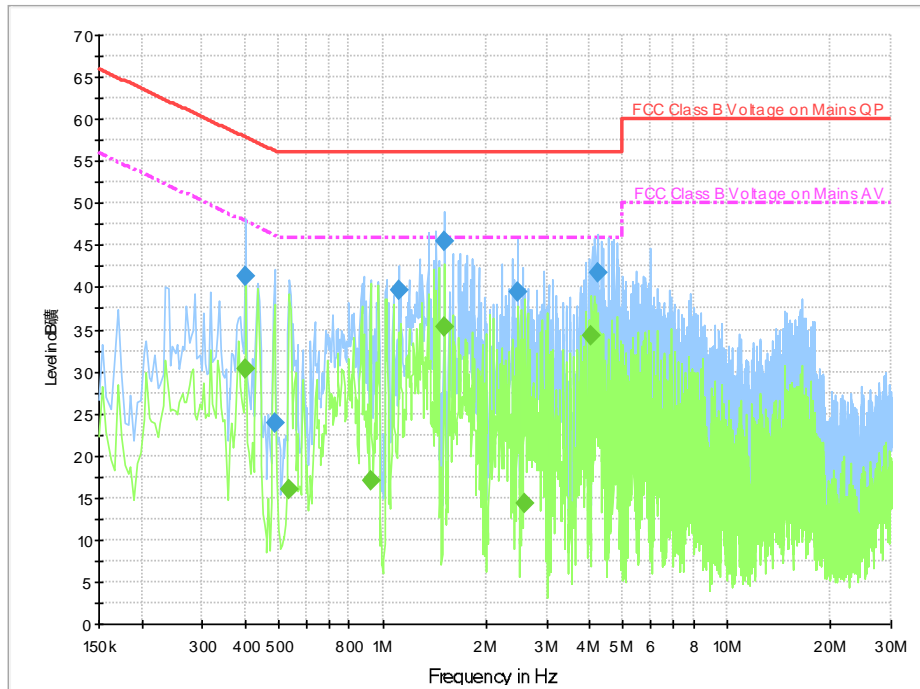


Fig.59 Conducted Emission(802.11a, IDLE)

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.402000	41.3	5000.0	9.000	On	N	19.8	16.5	57.8
0.486000	23.9	5000.0	9.000	On	L1	19.8	32.3	56.2
1.114000	39.8	5000.0	9.000	On	N	19.6	16.2	56.0
1.514000	45.5	5000.0	9.000	On	N	19.6	10.5	56.0
2.478000	39.5	5000.0	9.000	On	N	19.6	16.5	56.0
4.218000	41.7	5000.0	9.000	On	L1	19.6	14.3	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.402000	30.3	5000.0	9.000	On	N	19.8	17.5	47.8
0.534000	16.0	5000.0	9.000	On	L1	19.7	30.0	46.0
0.922000	17.1	5000.0	9.000	On	L1	19.7	28.9	46.0
1.514000	35.3	5000.0	9.000	On	N	19.6	10.7	46.0
2.586000	14.2	5000.0	9.000	On	L1	19.6	31.8	46.0
4.054000	34.2	5000.0	9.000	On	L1	19.6	11.8	46.0

Note2: The measurement results showed here are worst cases of the combinations of different cables and chargers

A.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.60	17.68	P
	5200 MHz	Fig.61	17.92	P
	5240 MHz	Fig.62	18.44	P
802.11n HT20	5180 MHz	Fig.63	18.60	P
	5200 MHz	Fig.64	18.60	P
	5240 MHz	Fig.65	18.92	P
802.11ac HT40	5190 MHz	Fig.66	36.32	P
	5230 MHz	Fig.67	36.48	P
802.11ac HT80	5210 MHz	Fig.68	75.68	P

Conclusion: PASS
Test graphs as below:

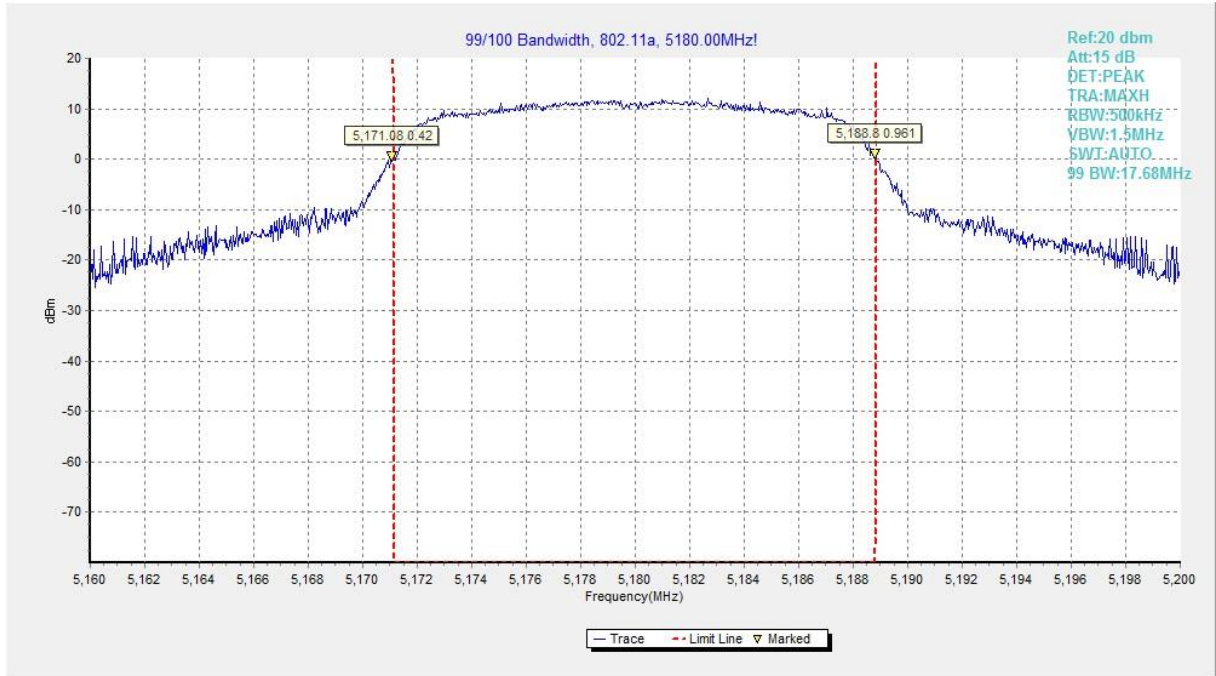


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

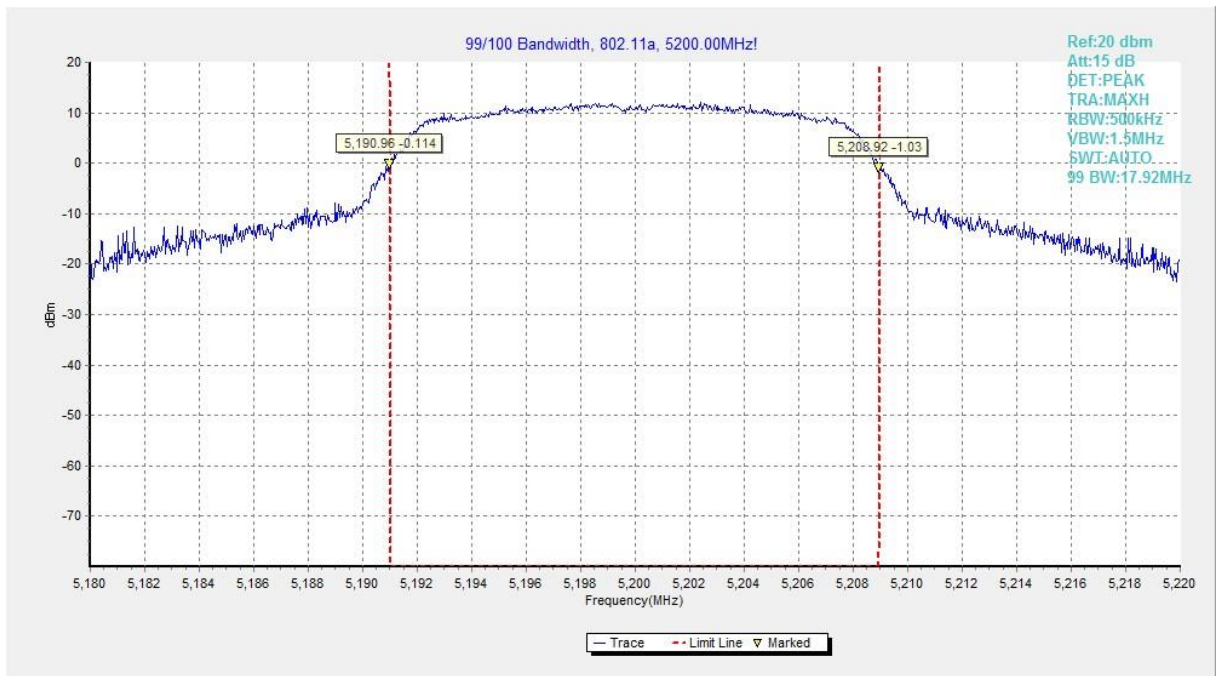


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

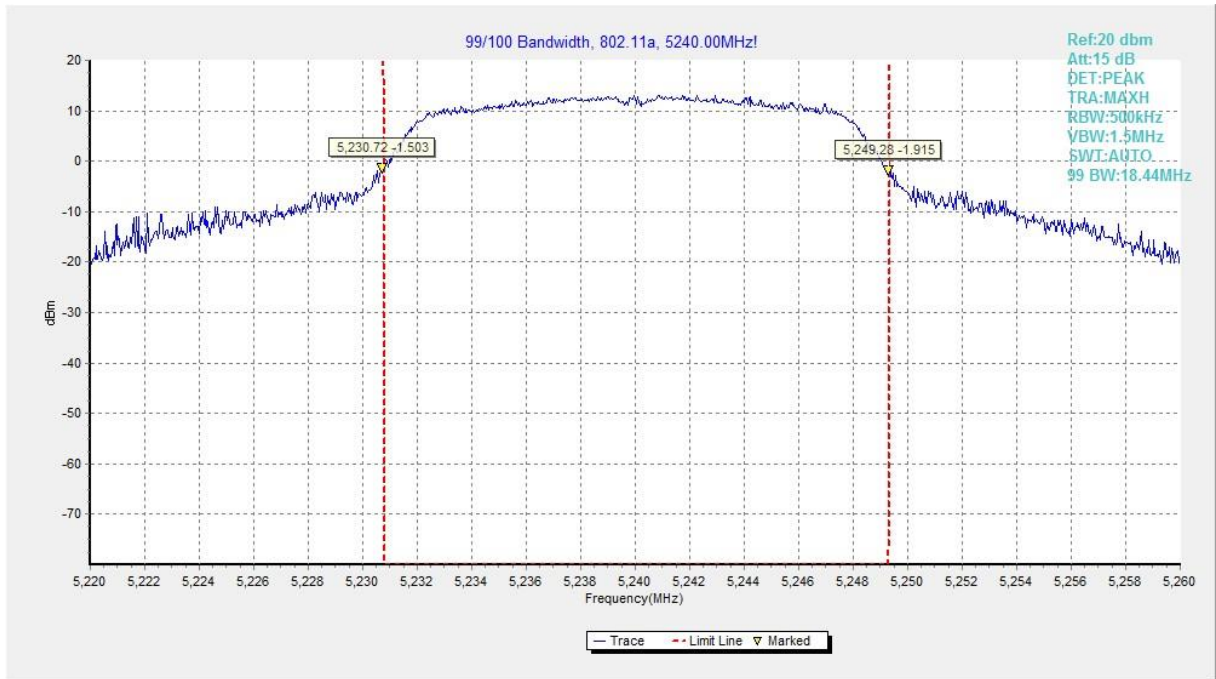


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

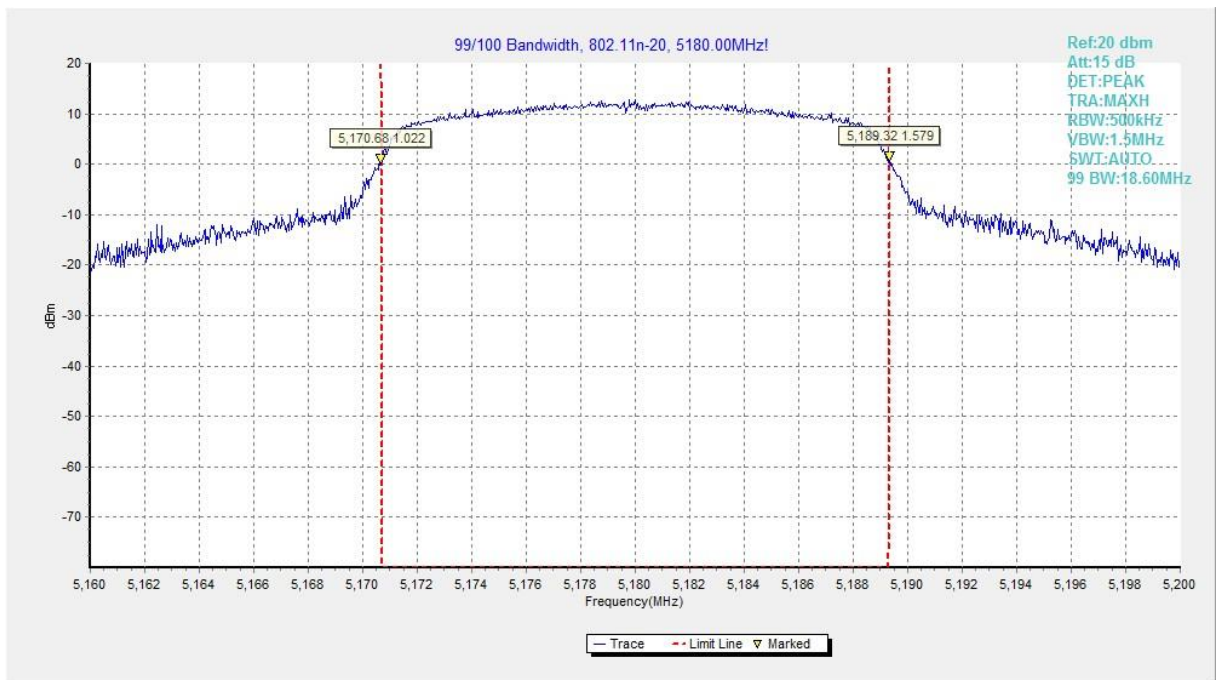


Fig.63 99% Occupied bandwidth (802.11n-HT20, 5180MHz)

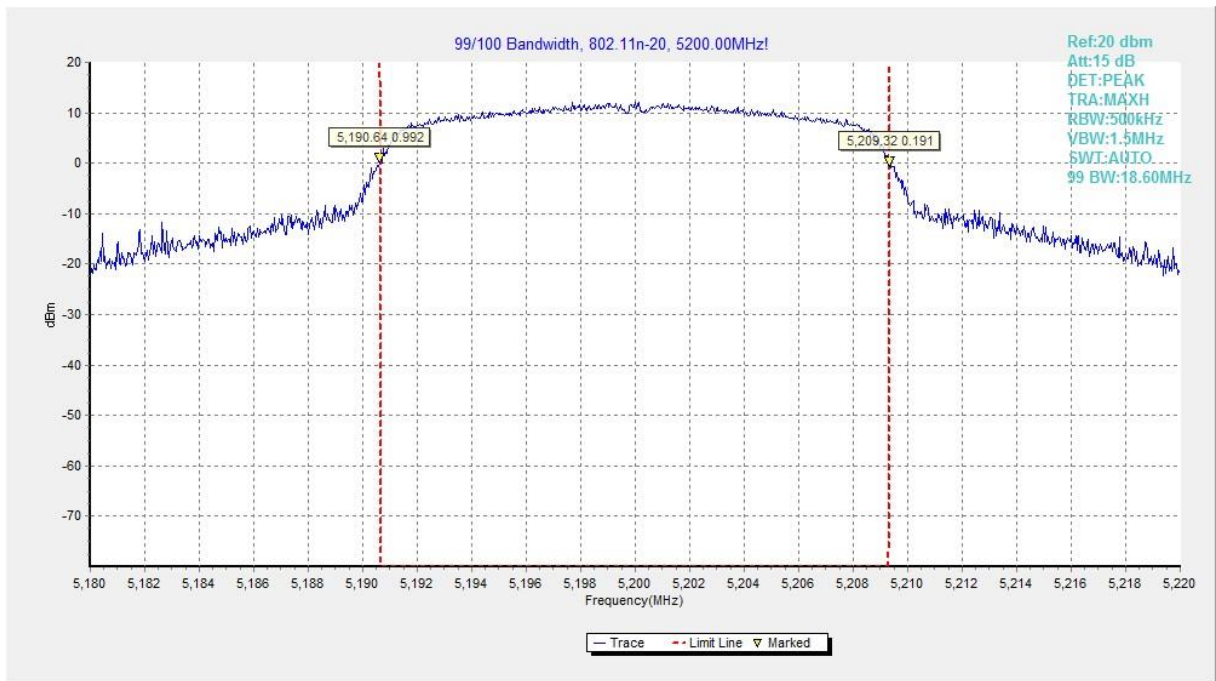


Fig.64 99% Occupied bandwidth (802.11n-HT20, 5200MHz)

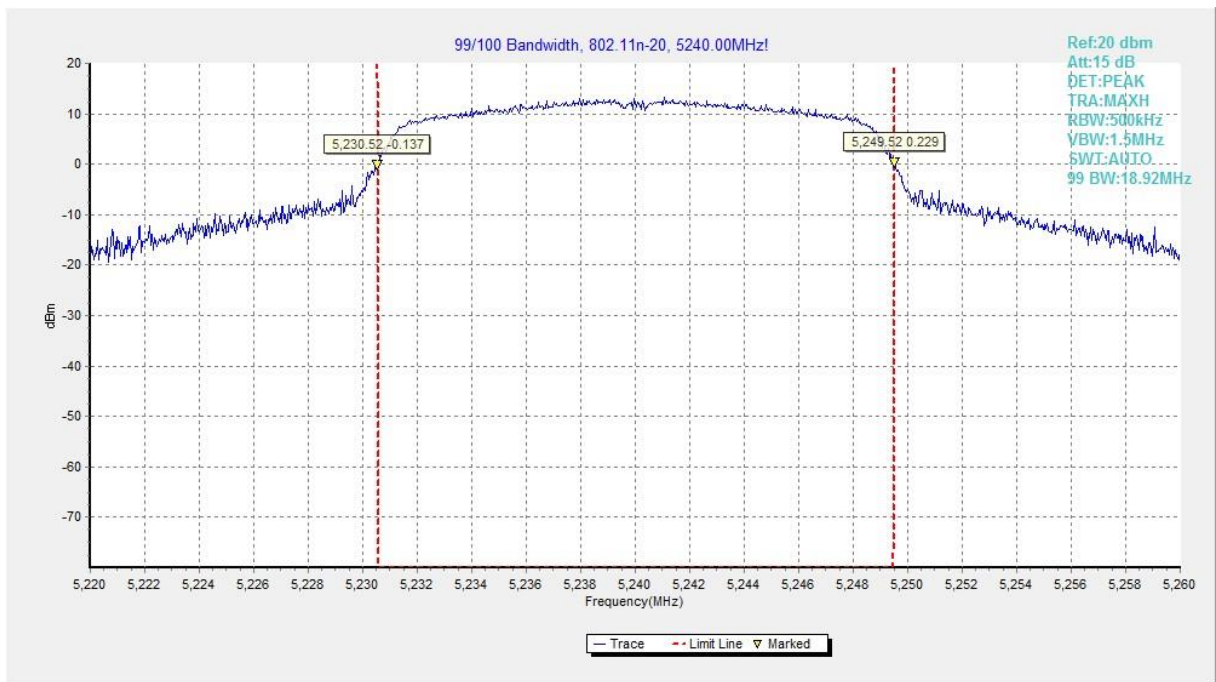


Fig.65 99% Occupied bandwidth (802.11n-HT20, 5240MHz)

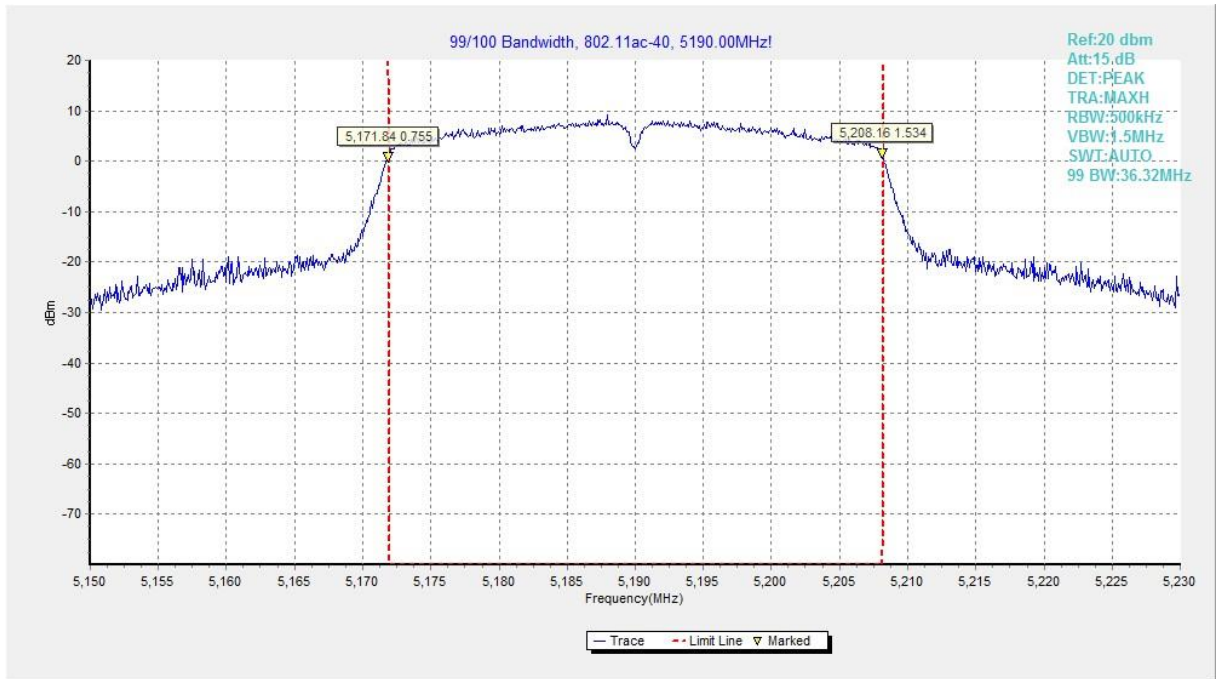


Fig.66 99% Occupied bandwidth (802.11ac-HT40, 5190MHz)

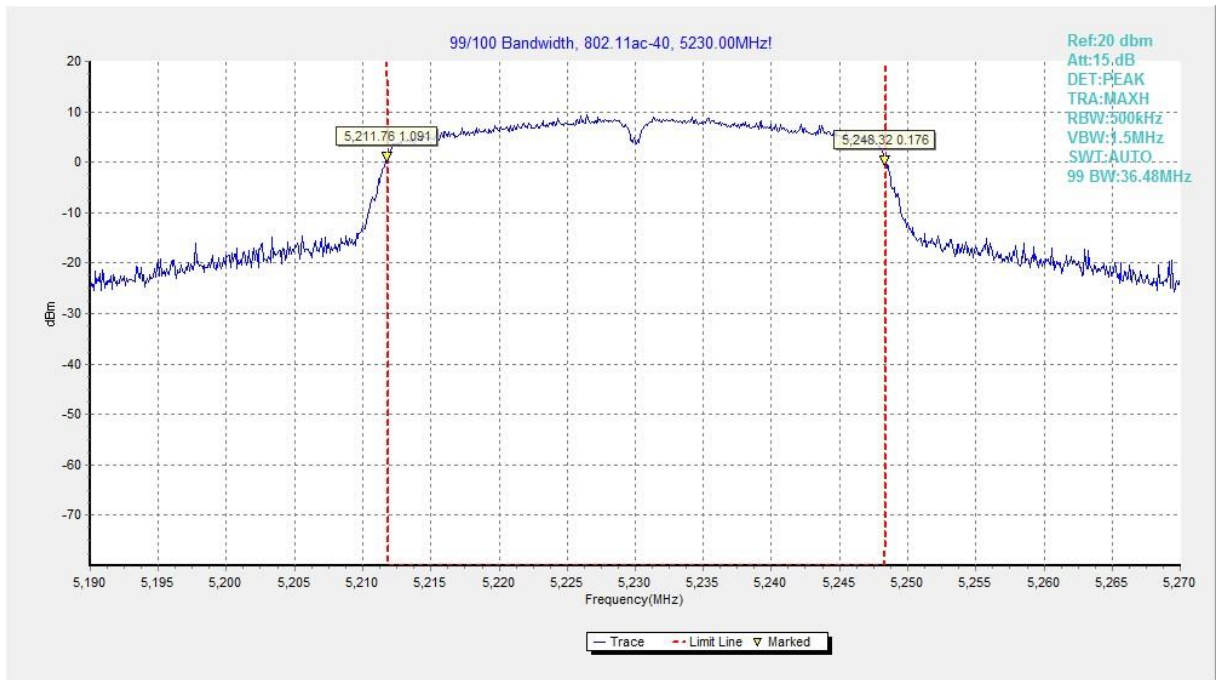


Fig.67 99% Occupied bandwidth (802.11ac-HT40, 5230MHz)

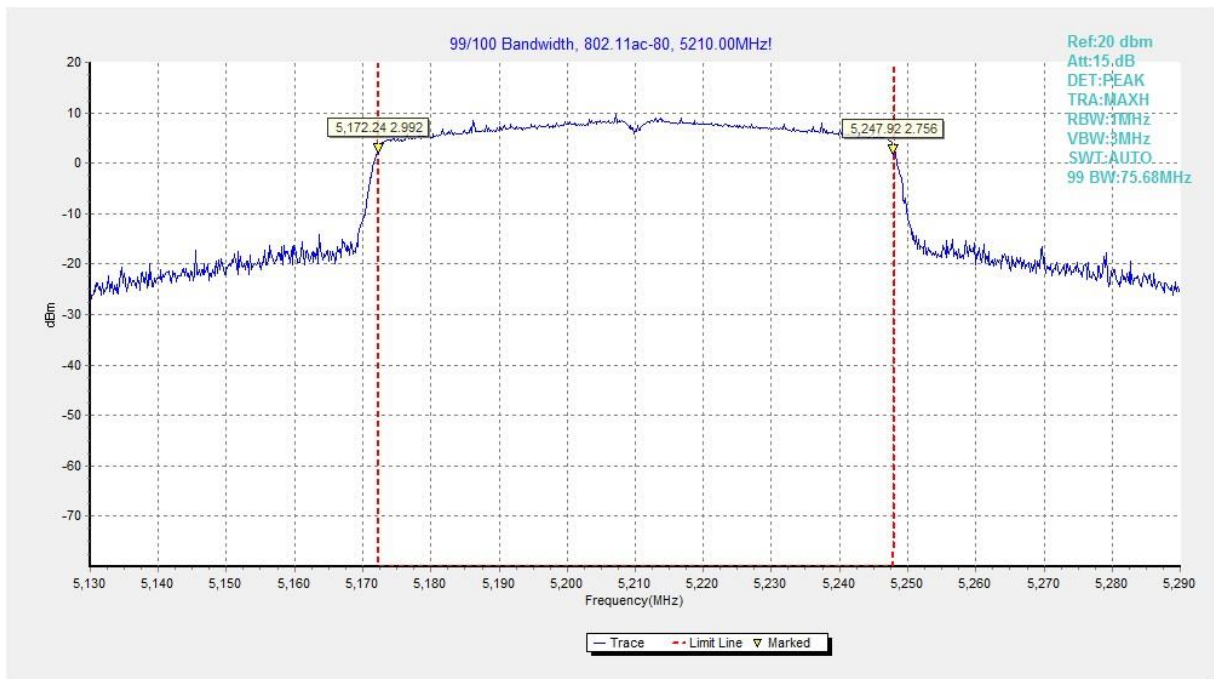


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

A.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 B: EUT parameters

Disclaimer: The worse case provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX C: Accreditation Certificate

<p>United States Department of Commerce National Institute of Standards and Technology</p>  	
<hr/> Certificate of Accreditation to ISO/IEC 17025:2017 <hr/>	
NVLAP LAB CODE: 600118-0	
Telecommunication Technology Labs, CAICT Beijing China	
<i>is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:</i>	
Electromagnetic Compatibility & Telecommunications	
<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>	
<hr/> 2021-09-29 through 2022-09-30 <i>Effective Dates</i>	 For the National Voluntary Laboratory Accreditation Program

*** END OF REPORT BODY ***