

802.11a mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11a	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
		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-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
		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	---
	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
		26.5 GHz ~ 40 GHz	---	P
	106(5530MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	122(5610MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

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)
17985.200	42.44	-25.50	46.66	21.28	54.00	11.56	V
17991.800	42.37	-25.50	46.66	21.21	54.00	11.63	H
13320.000	38.38	-29.49	39.71	28.16	54.00	15.62	V
13346.500	38.30	-29.49	39.71	28.08	54.00	15.70	H
5148.500	47.41	-27.61	33.67	41.35	54.00	6.59	H
5149.500	47.15	-27.61	33.67	41.09	54.00	6.85	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)
17791.000	42.20	-25.50	46.66	21.04	54.00	11.80	H
17989.500	41.99	-25.50	46.66	20.83	54.00	12.01	H
14495.400	38.26	-28.59	42.46	24.39	54.00	15.74	H
14498.100	38.20	-28.59	42.46	24.33	54.00	15.80	V
11995.100	36.56	-31.48	39.09	28.95	54.00	17.44	H
11988.000	36.53	-31.48	39.09	28.92	54.00	17.47	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)
17998.900	42.22	-25.50	46.66	21.06	54.00	11.78	H
17958.800	41.91	-25.50	46.66	20.75	54.00	12.09	H
14494.300	38.10	-28.59	42.46	24.23	54.00	15.90	V
14499.200	38.08	-28.59	42.46	24.21	54.00	15.92	V
11860.400	36.26	-31.85	39.05	29.06	54.00	17.74	V
11891.700	36.25	-31.85	39.05	29.05	54.00	17.75	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)
17989.500	42.03	-25.50	46.66	20.87	54.00	11.97	V
17974.700	41.93	-25.50	46.66	20.77	54.00	12.07	V
14486.000	38.03	-28.59	42.46	24.16	54.00	15.97	V
14481.600	37.98	-28.59	42.46	24.11	54.00	16.02	H
11957.700	36.41	-31.48	39.09	28.80	54.00	17.59	H
11998.400	36.29	-31.48	39.09	28.68	54.00	17.71	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)
17995.600	42.25	-25.50	46.66	21.09	54.00	11.75	H
17986.200	42.14	-25.50	46.66	20.98	54.00	11.86	H
14498.100	38.05	-28.59	42.46	24.18	54.00	15.95	H
14482.800	38.02	-28.59	42.46	24.15	54.00	15.98	H
11923.600	36.45	-31.48	39.09	28.84	54.00	17.55	V
11532.500	36.31	-32.26	38.84	29.74	54.00	17.69	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)
17989.500	41.87	-25.50	46.66	20.71	54.00	12.13	H
17934.000	41.86	-25.50	46.66	20.70	54.00	12.14	H
13329.400	38.55	-29.49	39.71	28.33	54.00	15.45	V
13335.500	38.24	-29.49	39.71	28.02	54.00	15.76	V
5350.700	52.06	-27.43	34.01	45.48	54.00	1.94	H
5350.100	52.04	-27.43	34.01	45.46	54.00	1.96	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)
17993.400	41.90	-25.50	46.66	20.74	54.00	12.10	H
17985.700	41.88	-25.50	46.66	20.72	54.00	12.12	V
14498.100	38.15	-28.59	42.46	24.28	54.00	15.85	H
14498.700	38.02	-28.59	42.46	24.15	54.00	15.98	H
5459.500	45.12	-27.18	34.17	38.13	54.00	8.88	H
5459.100	44.98	-27.18	34.17	37.99	54.00	9.02	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)
17793.200	41.76	-25.50	46.66	20.60	54.00	12.24	V
17915.800	41.73	-25.50	46.66	20.57	54.00	12.27	V
14482.200	37.86	-28.59	42.46	23.99	54.00	16.14	V
13345.900	37.85	-29.49	39.71	27.63	54.00	16.15	H
11050.800	36.34	-32.49	38.72	30.10	54.00	17.66	H
11955.000	36.29	-31.48	39.09	28.68	54.00	17.71	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)
17943.300	42.05	-25.50	46.66	20.89	54.00	11.95	H
17994.500	41.98	-25.50	46.66	20.82	54.00	12.02	V
14484.400	37.99	-28.59	42.46	24.12	54.00	16.01	V
14472.300	37.98	-28.59	42.46	24.11	54.00	16.02	H
11529.200	36.35	-32.26	38.84	29.78	54.00	17.65	H
11983.500	36.33	-31.48	39.09	28.72	54.00	17.67	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)
17992.800	42.04	-25.50	46.66	20.88	54.00	11.96	H
17988.500	41.92	-25.50	46.66	20.76	54.00	12.08	H
14499.800	38.18	-28.59	42.46	24.31	54.00	15.82	V
13350.300	38.03	-29.49	39.71	27.81	54.00	15.97	V
5149.800	43.78	-27.61	33.67	37.72	54.00	10.22	H
5147.500	43.74	-27.61	33.67	37.68	54.00	10.26	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)
17975.200	41.99	-25.50	46.66	20.83	54.00	12.01	H
17962.000	41.80	-25.50	46.66	20.64	54.00	12.20	H
13331.600	38.12	-29.49	39.71	27.90	54.00	15.88	V
14499.200	38.02	-28.59	42.46	24.15	54.00	15.98	H
11909.300	36.42	-31.85	39.05	29.22	54.00	17.58	H
11937.900	36.20	-31.48	39.09	28.59	54.00	17.80	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)
17983.500	41.91	-25.50	46.66	20.75	54.00	12.09	V
17917.000	41.85	-25.50	46.66	20.69	54.00	12.15	V
14480.000	38.20	-28.59	42.46	24.33	54.00	15.80	H
14493.200	38.16	-28.59	42.46	24.29	54.00	15.84	V
11933.500	36.31	-31.48	39.09	28.70	54.00	17.69	H
11043.000	36.26	-32.49	38.72	30.02	54.00	17.74	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)
17992.300	41.98	-25.50	46.66	20.82	54.00	12.02	H
17701.300	41.77	-25.74	45.95	21.56	54.00	12.23	H
14495.400	38.01	-28.59	42.46	24.14	54.00	15.99	V
14493.800	37.97	-28.59	42.46	24.10	54.00	16.03	H
11923.600	36.16	-31.48	39.09	28.55	54.00	17.84	H
11523.200	36.12	-32.26	38.84	29.55	54.00	17.88	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)
17942.200	42.12	-25.50	46.66	20.96	54.00	11.88	V
17994.000	42.08	-25.50	46.66	20.92	54.00	11.92	V
13350.900	38.11	-29.49	39.71	27.89	54.00	15.89	H
14493.800	38.00	-28.59	42.46	24.13	54.00	16.00	H
11920.900	36.31	-31.48	39.09	28.70	54.00	17.69	V
11868.000	36.27	-31.85	39.05	29.07	54.00	17.73	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)
17709.000	42.17	-25.74	45.95	21.96	54.00	11.83	H
17939.500	41.85	-25.50	46.66	20.69	54.00	12.15	H
13344.200	37.97	-29.49	39.71	27.75	54.00	16.03	V
14474.000	37.96	-28.59	42.46	24.09	54.00	16.04	V
5350.100	47.69	-27.43	34.01	41.11	54.00	6.31	H
5350.000	47.61	-27.43	34.01	41.03	54.00	6.39	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)
17993.400	41.90	-25.50	46.66	20.74	54.00	12.10	H
17945.000	41.66	-25.50	46.66	20.50	54.00	12.34	H
14497.600	38.12	-28.59	42.46	24.25	54.00	15.88	V
14486.000	38.01	-28.59	42.46	24.14	54.00	15.99	H
5459.900	43.91	-27.18	34.17	36.92	54.00	10.09	H
5459.200	43.88	-27.18	34.17	36.89	54.00	10.12	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)
17995.000	41.81	-25.50	46.66	20.65	54.00	12.19	H
17960.400	41.72	-25.50	46.66	20.56	54.00	12.28	V
14485.000	38.29	-28.59	42.46	24.42	54.00	15.71	V
14488.800	38.10	-28.59	42.46	24.23	54.00	15.90	V
11988.500	36.58	-31.48	39.09	28.97	54.00	17.42	V
11526.500	36.26	-32.26	38.84	29.69	54.00	17.74	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)
17997.800	42.02	-25.50	46.66	20.86	54.00	11.98	H
17935.700	41.88	-25.50	46.66	20.72	54.00	12.12	H
13345.400	38.31	-29.49	39.71	28.09	54.00	15.69	V
14482.200	38.01	-28.59	42.46	24.14	54.00	15.99	V
11050.800	36.50	-32.49	38.72	30.26	54.00	17.50	V
11045.200	36.27	-32.49	38.72	30.03	54.00	17.73	H

802.11n-HT40

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)
17979.700	41.90	-25.50	46.66	20.74	54.00	12.10	H
17799.200	41.85	-25.50	46.66	20.69	54.00	12.15	V
14483.900	38.04	-28.59	42.46	24.17	54.00	15.96	V
14495.400	37.97	-28.59	42.46	24.10	54.00	16.03	V
5148.700	43.39	-27.61	33.67	37.33	54.00	10.61	H
5148.500	43.24	-27.61	33.67	37.18	54.00	10.76	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)
17998.300	41.79	-25.50	46.66	20.63	54.00	12.21	H
17918.600	41.70	-25.50	46.66	20.54	54.00	12.30	V
13341.000	38.36	-29.49	39.71	28.14	54.00	15.64	H
14481.100	38.07	-28.59	42.46	24.20	54.00	15.93	H
11537.000	36.20	-32.26	38.84	29.63	54.00	17.80	H
11985.800	36.20	-31.48	39.09	28.59	54.00	17.80	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)
17803.100	41.93	-25.50	46.66	20.77	54.00	12.07	H
17912.500	41.73	-25.50	46.66	20.57	54.00	12.27	H
14489.400	38.09	-28.59	42.46	24.22	54.00	15.91	H
14497.000	37.90	-28.59	42.46	24.03	54.00	16.10	V
11908.200	36.42	-31.85	39.05	29.22	54.00	17.58	H
11942.900	36.18	-31.48	39.09	28.57	54.00	17.82	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)
17966.500	41.82	-25.50	46.66	20.66	54.00	12.18	V
17925.200	41.78	-25.50	46.66	20.62	54.00	12.22	H
14486.000	38.41	-28.59	42.46	24.54	54.00	15.59	V
13327.800	38.12	-29.49	39.71	27.90	54.00	15.88	H
5350.000	48.28	-27.43	34.01	41.70	54.00	5.72	H
5350.100	48.08	-27.43	34.01	41.50	54.00	5.92	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)
17993.400	41.99	-25.50	46.66	20.83	54.00	12.01	H
17850.400	41.90	-25.50	46.66	20.74	54.00	12.10	V
14498.100	38.01	-28.59	42.46	24.14	54.00	15.99	V
13341.000	37.99	-29.49	39.71	27.77	54.00	16.01	V
5459.700	43.29	-27.18	34.17	36.30	54.00	10.71	H
5458.100	43.28	-27.18	34.17	36.29	54.00	10.72	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)
17983.000	41.87	-25.50	46.66	20.71	54.00	12.13	V
17771.800	41.86	-25.50	46.66	20.70	54.00	12.14	V
14481.100	37.95	-28.59	42.46	24.08	54.00	16.05	H
14489.400	37.87	-28.59	42.46	24.00	54.00	16.13	V
11902.100	36.78	-31.85	39.05	29.58	54.00	17.22	H
11042.500	36.35	-32.49	38.72	30.11	54.00	17.65	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)
17943.300	41.97	-25.50	46.66	20.81	54.00	12.03	H
17994.000	41.87	-25.50	46.66	20.71	54.00	12.13	V
14483.300	38.38	-28.59	42.46	24.51	54.00	15.62	H
14487.100	38.05	-28.59	42.46	24.18	54.00	15.95	H
11947.200	36.37	-31.48	39.09	28.76	54.00	17.63	V
11942.900	36.29	-31.48	39.09	28.68	54.00	17.71	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)
17990.100	42.52	-25.50	46.66	21.36	54.00	11.48	V
17987.300	42.16	-25.50	46.66	21.00	54.00	11.84	V
13315.100	38.29	-29.49	39.71	28.07	54.00	15.71	V
13350.900	38.23	-29.49	39.71	28.01	54.00	15.77	H
5149.900	47.58	-27.61	33.67	41.52	54.00	6.42	H
5149.000	47.57	-27.61	33.67	41.51	54.00	6.43	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)
17992.300	41.93	-25.50	46.66	20.77	54.00	12.07	H
17780.000	41.86	-25.50	46.66	20.70	54.00	12.14	V
14486.000	38.19	-28.59	42.46	24.32	54.00	15.81	V
14477.800	38.03	-28.59	42.46	24.16	54.00	15.97	H
11969.200	36.55	-31.48	39.09	28.94	54.00	17.45	V
11043.600	36.49	-32.49	38.72	30.25	54.00	17.51	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)
17991.800	41.81	-25.50	46.66	20.65	54.00	12.19	V
17993.400	41.76	-25.50	46.66	20.60	54.00	12.24	H
13348.600	38.20	-29.49	39.71	27.98	54.00	15.80	H
14496.500	38.04	-28.59	42.46	24.17	54.00	15.96	V
11933.500	36.27	-31.48	39.09	28.66	54.00	17.73	H
11918.600	36.23	-31.48	39.09	28.62	54.00	17.77	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)
17849.300	42.02	-25.50	46.66	20.86	54.00	11.98	H
17998.300	41.88	-25.50	46.66	20.72	54.00	12.12	V
14489.400	38.35	-28.59	42.46	24.48	54.00	15.65	H
14487.700	38.06	-28.59	42.46	24.19	54.00	15.94	V
11895.500	36.38	-31.85	39.05	29.18	54.00	17.62	V
11995.600	36.31	-31.48	39.09	28.70	54.00	17.69	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)
17998.300	41.96	-25.50	46.66	20.80	54.00	12.04	V
17991.200	41.89	-25.50	46.66	20.73	54.00	12.11	H
14493.800	38.16	-28.59	42.46	24.29	54.00	15.84	H
13343.700	38.09	-29.49	39.71	27.87	54.00	15.91	V
11885.100	36.39	-31.85	39.05	29.19	54.00	17.61	H
11043.000	36.25	-32.49	38.72	30.01	54.00	17.75	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)
17997.800	41.90	-25.50	46.66	20.74	54.00	12.10	V
17946.700	41.85	-25.50	46.66	20.69	54.00	12.15	V
14477.200	38.15	-28.59	42.46	24.28	54.00	15.85	H
13350.900	38.11	-29.49	39.71	27.89	54.00	15.89	V
5351.100	48.29	-27.43	34.01	41.71	54.00	5.71	H
5350.100	48.15	-27.43	34.01	41.57	54.00	5.85	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)
17957.100	41.84	-25.50	46.66	20.68	54.00	12.16	H
17920.800	41.79	-25.50	46.66	20.63	54.00	12.21	H
13331.000	38.21	-29.49	39.71	27.99	54.00	15.79	H
14497.600	38.14	-28.59	42.46	24.27	54.00	15.86	H
5459.100	43.78	-27.18	34.17	36.79	54.00	10.22	H
5457.400	43.59	-27.18	34.17	36.60	54.00	10.41	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)
17996.700	41.97	-25.50	46.66	20.81	54.00	12.03	V
17947.200	41.93	-25.50	46.66	20.77	54.00	12.07	H
14489.900	38.14	-28.59	42.46	24.27	54.00	15.86	H
14478.400	38.01	-28.59	42.46	24.14	54.00	15.99	H
11969.200	36.23	-31.48	39.09	28.62	54.00	17.77	V
11967.000	36.21	-31.48	39.09	28.60	54.00	17.79	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)
17998.900	41.81	-25.50	46.66	20.65	54.00	12.19	H
17944.500	41.68	-25.50	46.66	20.52	54.00	12.32	V
14499.200	38.17	-28.59	42.46	24.30	54.00	15.83	H
14491.500	38.12	-28.59	42.46	24.25	54.00	15.88	V
11521.000	36.36	-32.26	38.84	29.79	54.00	17.64	H
11935.100	36.33	-31.48	39.09	28.72	54.00	17.67	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)
17758.500	41.95	-25.50	46.66	20.79	54.00	12.05	H
17945.500	41.82	-25.50	46.66	20.66	54.00	12.18	V
14482.200	38.12	-28.59	42.46	24.25	54.00	15.88	H
13318.400	38.10	-29.49	39.71	27.88	54.00	15.90	V
5149.700	52.70	-27.61	33.67	46.64	54.00	1.30	H
5149.100	52.47	-27.61	33.67	46.41	54.00	1.53	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)
17989.000	41.93	-25.50	46.66	20.77	54.00	12.07	H
17788.200	41.90	-25.50	46.66	20.74	54.00	12.10	H
14478.400	38.09	-28.59	42.46	24.22	54.00	15.91	V
14476.700	38.07	-28.59	42.46	24.20	54.00	15.93	H
11048.000	36.47	-32.49	38.72	30.23	54.00	17.53	V
11897.800	36.22	-31.85	39.05	29.02	54.00	17.78	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)
17796.500	41.96	-25.50	46.66	20.80	54.00	12.04	H
17996.700	41.88	-25.50	46.66	20.72	54.00	12.12	V
14481.100	37.98	-28.59	42.46	24.11	54.00	16.02	V
14487.700	37.89	-28.59	42.46	24.02	54.00	16.11	V
11997.300	36.27	-31.48	39.09	28.66	54.00	17.73	H
11940.100	36.23	-31.48	39.09	28.62	54.00	17.77	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)
17777.800	41.79	-25.50	46.66	20.63	54.00	12.21	H
17903.800	41.78	-25.50	46.66	20.62	54.00	12.22	V
14479.500	38.19	-28.59	42.46	24.32	54.00	15.81	V
14481.600	38.09	-28.59	42.46	24.22	54.00	15.91	V
5350.400	49.23	-27.43	34.01	42.65	54.00	4.77	H
5350.300	48.71	-27.43	34.01	42.13	54.00	5.29	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)
17994.500	42.01	-25.50	46.66	20.85	54.00	11.99	H
17945.500	41.87	-25.50	46.66	20.71	54.00	12.13	H
13347.000	38.28	-29.49	39.71	28.06	54.00	15.72	V
14491.500	37.99	-28.59	42.46	24.12	54.00	16.01	V
5459.300	43.91	-27.18	34.17	36.92	54.00	10.09	H
5458.900	43.77	-27.18	34.17	36.78	54.00	10.23	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)
17995.000	42.08	-25.50	46.66	20.92	54.00	11.92	H
17966.500	41.88	-25.50	46.66	20.72	54.00	12.12	V
13326.600	38.06	-29.49	39.71	27.84	54.00	15.94	V
14485.500	38.03	-28.59	42.46	24.16	54.00	15.97	V
11048.000	36.29	-32.49	38.72	30.05	54.00	17.71	H
11038.600	36.18	-32.49	38.72	29.94	54.00	17.82	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)
17777.200	41.85	-25.50	46.66	20.69	54.00	12.15	H
17881.800	41.78	-25.50	46.66	20.62	54.00	12.22	V
13331.600	38.15	-29.49	39.71	27.93	54.00	15.85	V
14489.900	37.96	-28.59	42.46	24.09	54.00	16.04	H
11928.000	36.50	-31.48	39.09	28.89	54.00	17.50	H
11998.400	36.24	-31.48	39.09	28.63	54.00	17.76	V

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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)
17991.200	42.01	-25.50	46.66	20.85	54.00	11.99	V
17803.100	41.99	-25.50	46.66	20.83	54.00	12.01	H
14480.000	38.18	-28.59	42.46	24.31	54.00	15.82	H
13332.100	38.06	-29.49	39.71	27.84	54.00	15.94	V
5149.700	44.83	-27.61	33.67	38.77	54.00	9.17	H
5149.600	44.79	-27.61	33.67	38.73	54.00	9.21	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)
17989.500	41.82	-25.50	46.66	20.66	54.00	12.18	V
17930.200	41.76	-25.50	46.66	20.60	54.00	12.24	H
13337.100	37.97	-29.49	39.71	27.75	54.00	16.03	H
14498.700	37.88	-28.59	42.46	24.01	54.00	16.12	H
5350.500	46.87	-27.43	34.01	40.29	54.00	7.13	H
5350.800	46.84	-27.43	34.01	40.26	54.00	7.16	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)
17995.600	42.07	-25.50	46.66	20.91	54.00	11.93	V
17973.600	42.05	-25.50	46.66	20.89	54.00	11.95	H
14489.400	38.27	-28.59	42.46	24.40	54.00	15.73	V
14478.900	38.15	-28.59	42.46	24.28	54.00	15.85	V
5458.500	45.52	-27.18	34.17	38.53	54.00	8.48	H
5458.100	45.47	-27.18	34.17	38.48	54.00	8.53	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)
17990.100	42.08	-25.50	46.66	20.92	54.00	11.92	V
17704.700	42.05	-25.74	45.95	21.84	54.00	11.95	H
14488.200	38.27	-28.59	42.46	24.40	54.00	15.73	H
14491.000	38.18	-28.59	42.46	24.31	54.00	15.82	H
11528.100	36.42	-32.26	38.84	29.85	54.00	17.58	H
11934.000	36.38	-31.48	39.09	28.77	54.00	17.62	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)
17612.200	53.63	-25.74	45.95	33.42	68.30	14.67	V
17585.300	53.01	-25.74	45.95	32.80	68.30	15.29	V
14277.000	50.66	-28.42	42.34	36.74	68.30	17.64	V
13662.700	50.59	-29.50	40.43	39.66	68.30	17.71	H
5143.700	69.07	-27.61	33.67	63.01	74.00	4.93	H
5147.700	66.71	-27.61	33.67	60.65	74.00	7.29	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)
17928.000	52.94	-25.50	46.66	31.78	74.00	21.06	V
17827.800	52.60	-25.50	46.66	31.44	74.00	21.40	V
13640.700	50.55	-29.50	40.43	39.62	68.30	17.75	H
13644.000	50.09	-29.50	40.43	39.16	68.30	18.21	H
10951.200	47.23	-32.82	38.70	41.35	74.00	26.77	H
11995.100	47.06	-31.48	39.09	39.45	74.00	26.94	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)
17811.300	52.48	-25.50	46.66	31.32	74.00	21.52	H
17855.300	52.45	-25.50	46.66	31.29	74.00	21.55	H
13651.100	51.12	-29.50	40.43	40.19	68.30	17.18	H
13518.000	50.77	-29.56	39.99	40.34	68.30	17.53	V
11909.300	47.14	-31.85	39.05	39.94	74.00	26.86	H
11891.700	46.81	-31.85	39.05	39.61	74.00	27.19	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)
17691.500	52.64	-25.74	45.95	32.43	68.30	15.66	V
17775.600	52.40	-25.50	46.66	31.24	74.00	21.60	H
13590.100	50.57	-29.50	40.43	39.64	68.30	17.73	H
13809.000	50.03	-29.10	40.86	38.26	68.30	18.27	H
11522.600	46.76	-32.26	38.84	40.19	74.00	27.24	V
11541.400	46.63	-32.26	38.84	40.06	74.00	27.37	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)
17951.600	53.10	-25.50	46.66	31.94	74.00	20.90	H
17225.000	53.05	-25.95	44.35	34.64	68.30	15.25	V
13666.500	50.40	-29.50	40.43	39.47	68.30	17.90	V
13625.900	50.10	-29.50	40.43	39.17	68.30	18.20	V
10659.700	47.26	-32.76	38.38	41.64	74.00	26.74	H
11545.200	47.14	-32.26	38.84	40.57	74.00	26.86	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)
17849.300	52.77	-25.50	46.66	31.61	74.00	21.23	H
17312.500	52.50	-25.95	44.35	34.09	68.30	15.80	H
13637.400	50.52	-29.50	40.43	39.59	68.30	17.78	V
13584.000	50.10	-29.50	40.43	39.17	68.30	18.20	H
5351.400	71.17	-27.43	34.01	64.59	74.00	2.83	H
5351.900	70.68	-27.43	34.01	64.10	74.00	3.32	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)
17769.500	52.42	-25.50	46.66	31.26	74.00	21.58	V
17807.500	51.98	-25.50	46.66	30.82	74.00	22.02	H
13623.600	50.26	-29.50	40.43	39.33	68.30	18.04	H
13576.900	50.25	-29.50	40.43	39.32	68.30	18.05	H
5458.900	61.18	-27.18	34.17	54.19	74.00	12.82	H
5467.800	66.62	-27.18	34.17	59.63	68.30	1.68	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)
17853.700	52.54	-25.50	46.66	31.38	74.00	21.46	V
17987.300	52.44	-25.50	46.66	31.28	74.00	21.56	H
13749.600	50.81	-29.10	40.86	39.04	68.30	17.49	V
13645.600	49.78	-29.50	40.43	38.85	68.30	18.52	V
11521.000	46.95	-32.26	38.84	40.38	74.00	27.05	H
11928.000	46.93	-31.48	39.09	39.32	74.00	27.07	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)
17899.300	52.30	-25.50	46.66	31.14	74.00	21.70	V
17748.100	52.24	-25.50	46.66	31.08	74.00	21.76	H
13551.600	51.07	-29.56	39.99	40.64	68.30	17.23	H
13554.400	50.35	-29.56	39.99	39.92	68.30	17.95	H
5725.900	65.82	-27.07	34.31	58.58	68.30	2.48	H
5725.900	65.22	-27.07	34.31	57.98	68.30	3.08	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)
17930.200	52.12	-25.50	46.66	30.96	74.00	21.88	H
17605.100	52.06	-25.74	45.95	31.85	68.30	16.24	H
13619.800	50.53	-29.50	40.43	39.60	68.30	17.77	H
13516.400	50.03	-29.56	39.99	39.60	68.30	18.27	V
5451.900	59.16	-27.18	34.17	52.17	74.00	14.84	H
5469.900	66.79	-27.18	34.17	59.80	68.30	1.51	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)
17605.700	52.57	-25.74	45.95	32.36	68.30	15.73	H
17480.200	52.45	-26.85	45.25	34.05	68.30	15.85	H
13605.000	50.78	-29.50	40.43	39.85	68.30	17.52	H
13586.200	50.12	-29.50	40.43	39.19	68.30	18.18	H
11919.200	46.84	-31.48	39.09	39.23	74.00	27.16	V
10611.900	46.52	-32.76	38.38	40.90	74.00	27.48	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)
17787.700	52.47	-25.50	46.66	31.31	74.00	21.53	H
17499.000	52.26	-26.85	45.25	33.86	68.30	16.04	H
13769.400	50.52	-29.10	40.86	38.75	68.30	17.78	V
13561.500	50.11	-29.50	40.43	39.18	68.30	18.19	H
11923.600	47.21	-31.48	39.09	39.60	74.00	26.79	H
11788.900	47.09	-31.99	38.98	40.10	74.00	26.91	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)
17850.400	52.81	-25.50	46.66	31.65	74.00	21.19	H
17939.000	52.79	-25.50	46.66	31.63	74.00	21.21	V
13647.300	50.12	-29.50	40.43	39.19	68.30	18.18	V
13823.900	49.98	-29.10	40.86	38.21	68.30	18.32	H
11863.600	47.37	-31.85	39.05	40.17	74.00	26.63	V
11447.900	47.13	-32.42	38.79	40.76	74.00	26.87	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)
17764.000	53.39	-25.50	46.66	32.23	74.00	20.61	H
17603.500	52.67	-25.74	45.95	32.46	68.30	15.63	V
13658.300	50.41	-29.50	40.43	39.48	68.30	17.89	H
13649.500	50.39	-29.50	40.43	39.46	68.30	17.91	H
11504.000	47.26	-32.26	38.84	40.69	74.00	26.74	H
11780.000	47.12	-31.99	38.98	40.13	74.00	26.88	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)
17693.100	52.69	-25.74	45.95	32.48	68.30	15.61	H
17389.500	52.50	-26.85	45.25	34.10	68.30	15.80	H
13732.500	50.16	-29.10	40.86	38.39	68.30	18.14	H
13614.300	50.05	-29.50	40.43	39.12	68.30	18.25	V
5350.100	68.01	-27.43	34.01	61.43	74.00	5.99	H
5350.100	67.44	-27.43	34.01	60.86	74.00	6.56	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)
17930.200	52.12	-25.50	46.66	30.96	74.00	21.88	H
17605.100	52.06	-25.74	45.95	31.85	68.30	16.24	H
13619.800	50.53	-29.50	40.43	39.60	68.30	17.77	H
13516.400	50.03	-29.56	39.99	39.60	68.30	18.27	V
5459.900	61.60	-27.18	34.17	54.61	74.00	12.40	H
5469.800	67.64	-27.18	34.17	60.65	68.30	0.66	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)
17992.800	53.44	-25.50	46.66	32.28	74.00	20.56	H
17627.700	52.74	-25.74	45.95	32.53	68.30	15.56	H
13541.100	50.38	-29.56	39.99	39.95	68.30	17.92	V
13572.000	50.07	-29.50	40.43	39.14	68.30	18.23	H
11045.200	47.04	-32.49	38.72	40.80	74.00	26.96	V
11519.900	46.97	-32.26	38.84	40.40	74.00	27.03	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)
17778.300	52.63	-25.50	46.66	31.47	74.00	21.37	V
17919.200	52.44	-25.50	46.66	31.28	74.00	21.56	V
14015.200	50.21	-29.44	41.66	37.99	68.30	18.09	V
13592.300	49.82	-29.50	40.43	38.89	68.30	18.48	V
5726.300	66.83	-27.07	34.31	59.59	68.30	1.47	H
5725.700	66.18	-27.07	34.31	58.94	68.30	2.12	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)
17804.200	52.96	-25.50	46.66	31.80	74.00	21.04	V
17973.600	52.43	-25.50	46.66	31.27	74.00	21.57	H
13554.400	51.29	-29.56	39.99	40.86	68.30	17.01	V
13559.900	50.25	-29.50	40.43	39.32	68.30	18.05	V
5148.800	65.81	-27.61	33.67	59.75	74.00	8.19	H
5149.900	65.22	-27.61	33.67	59.16	74.00	8.78	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)
17926.300	52.80	-25.50	46.66	31.64	74.00	21.20	H
17803.700	52.60	-25.50	46.66	31.44	74.00	21.40	H
13608.200	50.31	-29.50	40.43	39.38	68.30	17.99	H
13562.000	50.22	-29.50	40.43	39.29	68.30	18.08	V
11529.800	46.94	-32.26	38.84	40.37	74.00	27.06	V
11068.900	46.51	-32.49	38.72	40.27	74.00	27.49	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)
17389.500	52.15	-26.85	45.25	33.75	68.30	16.15	H
17791.500	52.15	-25.50	46.66	30.99	74.00	21.85	H
13640.700	50.39	-29.50	40.43	39.46	68.30	17.91	V
13651.100	50.00	-29.50	40.43	39.07	68.30	18.30	H
11048.000	47.52	-32.49	38.72	41.28	74.00	26.48	H
11544.100	46.71	-32.26	38.84	40.14	74.00	27.29	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)
17828.400	52.20	-25.50	46.66	31.04	74.00	21.80	H
17870.800	52.16	-25.50	46.66	31.00	74.00	21.84	V
13543.400	49.92	-29.56	39.99	39.49	68.30	18.38	H
13582.400	49.77	-29.50	40.43	38.84	68.30	18.53	H
5350.000	68.57	-27.43	34.01	61.99	74.00	5.43	H
5351.200	68.48	-27.43	34.01	61.90	74.00	5.52	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)
17986.200	53.21	-25.50	46.66	32.05	74.00	20.79	H
17945.500	52.61	-25.50	46.66	31.45	74.00	21.39	V
13625.900	50.27	-29.50	40.43	39.34	68.30	18.03	V
13551.600	50.04	-29.56	39.99	39.61	68.30	18.26	V
5456.800	60.85	-27.18	34.17	53.86	74.00	13.15	H
5469.900	67.05	-27.18	34.17	60.06	68.30	1.25	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)
17413.700	52.95	-26.85	45.25	34.55	68.30	15.35	H
17721.700	52.32	-25.74	45.95	32.11	74.00	21.68	V
13615.400	50.31	-29.50	40.43	39.38	68.30	17.99	H
14066.400	50.22	-29.44	41.66	38.00	68.30	18.08	H
10718.500	48.10	-32.77	38.49	42.38	74.00	25.90	H
11788.300	47.06	-31.99	38.98	40.07	74.00	26.94	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)
17374.700	52.25	-25.95	44.35	33.84	68.30	16.05	V
17780.500	52.10	-25.50	46.66	30.94	74.00	21.90	H
13568.100	50.75	-29.50	40.43	39.82	68.30	17.55	V
13572.500	50.55	-29.50	40.43	39.62	68.30	17.75	V
5726.400	60.31	-27.07	34.31	53.07	68.30	7.99	H
5726.300	60.11	-27.07	34.31	52.87	68.30	8.19	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)
17852.000	53.11	-25.50	46.66	31.95	74.00	20.89	V
17780.500	52.91	-25.50	46.66	31.75	74.00	21.09	H
13596.100	50.49	-29.50	40.43	39.56	68.30	17.81	H
13574.700	50.24	-29.50	40.43	39.31	68.30	18.06	V
5149.200	69.04	-27.61	33.67	62.98	74.00	4.96	H
5149.400	67.80	-27.61	33.67	61.74	74.00	6.20	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)
17398.800	52.97	-26.85	45.25	34.57	68.30	15.33	V
17840.500	52.36	-25.50	46.66	31.20	74.00	21.64	H
13654.500	50.14	-29.50	40.43	39.21	68.30	18.16	H
13599.500	49.91	-29.50	40.43	38.98	68.30	18.39	V
10970.500	46.77	-32.82	38.70	40.89	74.00	27.23	H
11921.400	46.68	-31.48	39.09	39.07	74.00	27.32	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)
17183.800	52.35	-26.60	43.36	35.59	68.30	15.95	V
17606.800	52.32	-25.74	45.95	32.11	68.30	15.98	V
13546.100	50.80	-29.56	39.99	40.37	68.30	17.50	H
13617.600	50.48	-29.50	40.43	39.55	68.30	17.82	V
10907.200	46.65	-32.82	38.70	40.77	74.00	27.35	H
11876.300	46.63	-31.85	39.05	39.43	74.00	27.37	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)
17607.800	52.34	-25.74	45.95	32.13	68.30	15.96	H
17790.500	52.28	-25.50	46.66	31.12	74.00	21.72	V
13614.900	50.19	-29.50	40.43	39.26	68.30	18.11	H
13628.600	50.06	-29.50	40.43	39.13	68.30	18.24	H
11535.300	47.47	-32.26	38.84	40.90	74.00	26.53	H
11842.200	47.38	-31.85	39.05	40.18	74.00	26.62	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)
17421.400	52.54	-26.85	45.25	34.14	68.30	15.76	V
17392.200	52.28	-26.85	45.25	33.88	68.30	16.02	H
13629.700	50.66	-29.50	40.43	39.73	68.30	17.64	H
13651.100	50.01	-29.50	40.43	39.08	68.30	18.29	H
11964.900	47.16	-31.48	39.09	39.55	74.00	26.84	H
10639.900	46.76	-32.76	38.38	41.14	74.00	27.24	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)
17990.700	53.14	-25.50	46.66	31.98	74.00	20.86	H
17861.400	52.66	-25.50	46.66	31.50	74.00	21.34	H
13653.900	50.28	-29.50	40.43	39.35	68.30	18.02	V
13539.000	50.22	-29.56	39.99	39.79	68.30	18.08	V
5351.600	68.71	-27.43	34.01	62.13	74.00	5.29	H
5352.300	68.21	-27.43	34.01	61.63	74.00	5.79	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)
17439.000	52.61	-26.85	45.25	34.21	68.30	15.69	H
17873.000	52.53	-25.50	46.66	31.37	74.00	21.47	V
13606.000	50.34	-29.50	40.43	39.41	68.30	17.96	V
13563.700	50.07	-29.50	40.43	39.14	68.30	18.23	V
5459.300	63.26	-27.18	34.17	56.27	74.00	10.74	H
5469.100	67.67	-27.18	34.17	60.68	68.30	0.63	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)
17798.700	52.37	-25.50	46.66	31.21	74.00	21.63	V
17698.000	52.34	-25.74	45.95	32.13	68.30	15.96	V
13627.000	50.33	-29.50	40.43	39.40	68.30	17.97	V
13762.200	50.18	-29.10	40.86	38.41	68.30	18.12	H
11807.000	47.10	-31.85	39.05	39.90	74.00	26.90	H
10653.100	46.98	-32.76	38.38	41.36	74.00	27.02	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)
17993.400	52.94	-25.50	46.66	31.78	74.00	21.06	V
17723.900	52.48	-25.74	45.95	32.27	74.00	21.52	V
13613.200	50.04	-29.50	40.43	39.11	68.30	18.26	V
14400.800	50.03	-28.59	42.46	36.16	68.30	18.27	H
5726.600	67.55	-27.07	34.31	60.31	68.30	0.75	H
5725.100	65.44	-27.07	34.31	58.20	68.30	2.86	H

802.11ac-HT40

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)
17523.200	52.71	-26.85	45.25	34.31	68.30	15.59	V
17522.600	52.63	-26.85	45.25	34.23	68.30	15.67	V
13537.900	50.55	-29.56	39.99	40.12	68.30	17.75	H
13812.300	50.03	-29.10	40.86	38.26	68.30	18.27	H
5149.900	72.37	-27.61	33.67	66.31	74.00	1.63	H
5149.600	71.25	-27.61	33.67	65.19	74.00	2.75	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)
17763.000	53.45	-25.50	46.66	32.29	74.00	20.55	H
17953.200	52.54	-25.50	46.66	31.38	74.00	21.46	H
13654.500	50.53	-29.50	40.43	39.60	68.30	17.77	H
13620.900	50.27	-29.50	40.43	39.34	68.30	18.03	H
11897.800	47.09	-31.85	39.05	39.89	74.00	26.91	H
11843.300	46.46	-31.85	39.05	39.26	74.00	27.54	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)
17310.300	52.29	-25.95	44.35	33.88	68.30	16.01	V
17393.900	52.22	-26.85	45.25	33.82	68.30	16.08	V
13589.000	50.67	-29.50	40.43	39.74	68.30	17.63	H
13592.300	49.99	-29.50	40.43	39.06	68.30	18.31	H
11435.200	46.95	-32.42	38.79	40.58	74.00	27.05	H
11907.600	46.92	-31.85	39.05	39.72	74.00	27.08	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)
17948.300	53.06	-25.50	46.66	31.90	74.00	20.94	V
17989.000	52.73	-25.50	46.66	31.57	74.00	21.27	V
13549.400	50.32	-29.56	39.99	39.89	68.30	17.98	V
13557.600	49.94	-29.56	39.99	39.51	68.30	18.36	V
5350.700	67.06	-27.43	34.01	60.48	74.00	6.94	H
5354.000	66.74	-27.43	34.01	60.16	74.00	7.26	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)
17407.700	52.48	-26.85	45.25	34.08	68.30	15.82	V
17716.200	52.36	-25.74	45.95	32.15	74.00	21.64	H
13576.400	50.95	-29.50	40.43	40.02	68.30	17.35	H
13639.600	49.87	-29.50	40.43	38.94	68.30	18.43	V
5460.000	58.91	-27.18	34.17	51.92	74.00	15.09	H
5465.800	65.55	-27.18	34.17	58.56	68.30	2.75	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)
17789.300	52.66	-25.50	46.66	31.50	74.00	21.34	H
17259.200	52.13	-25.95	44.35	33.72	68.30	16.17	H
13616.500	50.67	-29.50	40.43	39.74	68.30	17.63	H
13576.900	50.56	-29.50	40.43	39.63	68.30	17.74	H
11870.200	47.16	-31.85	39.05	39.96	74.00	26.84	H
11383.000	46.80	-32.42	38.79	40.43	74.00	27.20	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)
17375.200	52.62	-25.95	44.35	34.21	68.30	15.68	H
17935.100	52.42	-25.50	46.66	31.26	74.00	21.58	H
13629.100	50.79	-29.50	40.43	39.86	68.30	17.51	V
13608.800	50.55	-29.50	40.43	39.62	68.30	17.75	H
5728.400	63.33	-27.07	34.31	56.09	68.30	4.97	H
5726.600	60.40	-27.07	34.31	53.16	68.30	7.90	H

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)
17994.500	52.47	-25.50	46.66	31.31	74.00	21.53	H
17859.200	52.16	-25.50	46.66	31.00	74.00	21.84	H
13741.400	50.96	-29.10	40.86	39.19	68.30	17.34	V
13634.600	50.95	-29.50	40.43	40.02	68.30	17.35	H
5136.300	61.78	-27.61	33.67	55.72	74.00	12.22	H
5136.000	61.10	-27.61	33.67	55.04	74.00	12.90	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)
17406.500	52.86	-26.85	45.25	34.46	68.30	15.44	V
17937.300	52.40	-25.50	46.66	31.24	74.00	21.60	H
13638.000	50.20	-29.50	40.43	39.27	68.30	18.10	H
13693.000	50.13	-29.50	40.43	39.20	68.30	18.17	V
5356.200	63.33	-27.43	34.01	56.75	74.00	10.67	H
5350.000	63.20	-27.43	34.01	56.62	74.00	10.80	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)
17512.700	53.01	-26.85	45.25	34.61	68.30	15.29	H
17632.000	52.67	-25.74	45.95	32.46	68.30	15.63	V
13568.600	50.10	-29.50	40.43	39.17	68.30	18.20	H
13625.900	50.01	-29.50	40.43	39.08	68.30	18.29	H
5459.000	63.03	-27.18	34.17	56.04	74.00	10.97	H
5467.400	64.13	-27.18	34.17	57.14	68.30	4.17	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)
17205.200	53.02	-26.60	43.36	36.26	68.30	15.28	H
17708.500	52.83	-25.74	45.95	32.62	74.00	21.17	V
13424.500	50.07	-29.56	39.99	39.64	68.30	18.23	H
13610.500	50.00	-29.50	40.43	39.07	68.30	18.30	H
5733.200	55.27	-27.07	34.31	48.03	68.30	13.03	H
5728.300	54.27	-27.07	34.31	47.03	68.30	14.03	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 $U = 3.10\text{dB}$, $k=2$.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger AE5		
		802.11a	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 AE5		
		802.11a	Idle	
0.15 to 0.5	67 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:

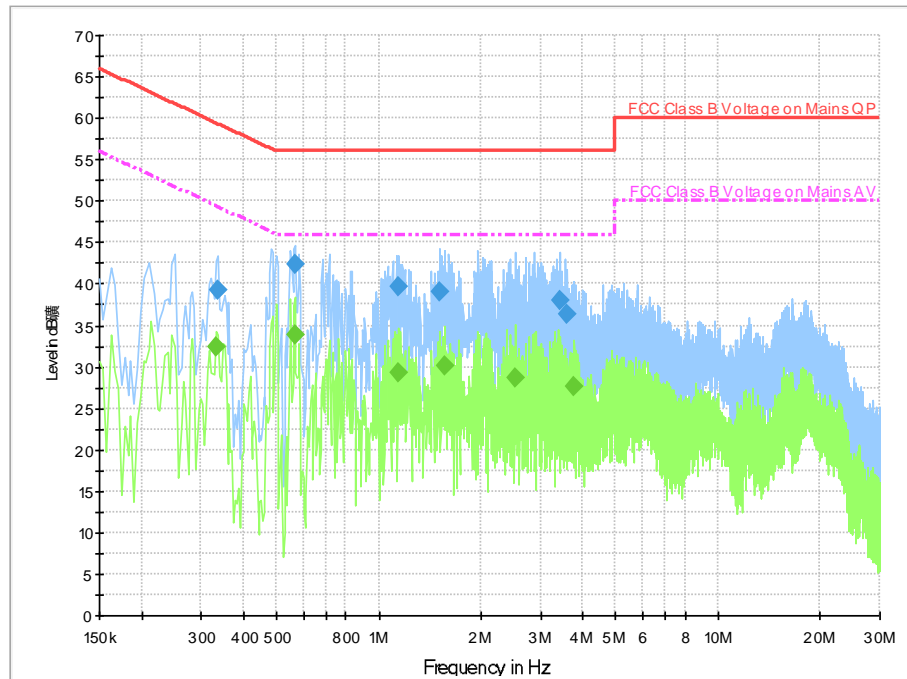


Fig.58 Conducted Emission (802.11a, Ch36, TX)

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)
0.334000	39.3	5000.0	9.000	On	L1	19.7	20.1	59.4
0.566000	42.4	5000.0	9.000	On	L1	19.8	13.6	56.0
1.142000	39.8	5000.0	9.000	On	L1	19.6	16.2	56.0
1.514000	39.1	5000.0	9.000	On	L1	19.6	16.9	56.0
3.434000	37.9	5000.0	9.000	On	L1	19.6	18.1	56.0
3.606000	36.3	5000.0	9.000	On	L1	19.6	19.7	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.330000	32.3	5000.0	9.000	On	L1	19.7	17.1	49.5
0.566000	33.9	5000.0	9.000	On	L1	19.8	12.1	46.0
1.146000	29.3	5000.0	9.000	On	L1	19.6	16.7	46.0
1.562000	30.0	5000.0	9.000	On	L1	19.6	16.0	46.0
2.534000	28.7	5000.0	9.000	On	L1	19.6	17.3	46.0
3.778000	27.7	5000.0	9.000	On	L1	19.5	18.3	46.0

Idle:

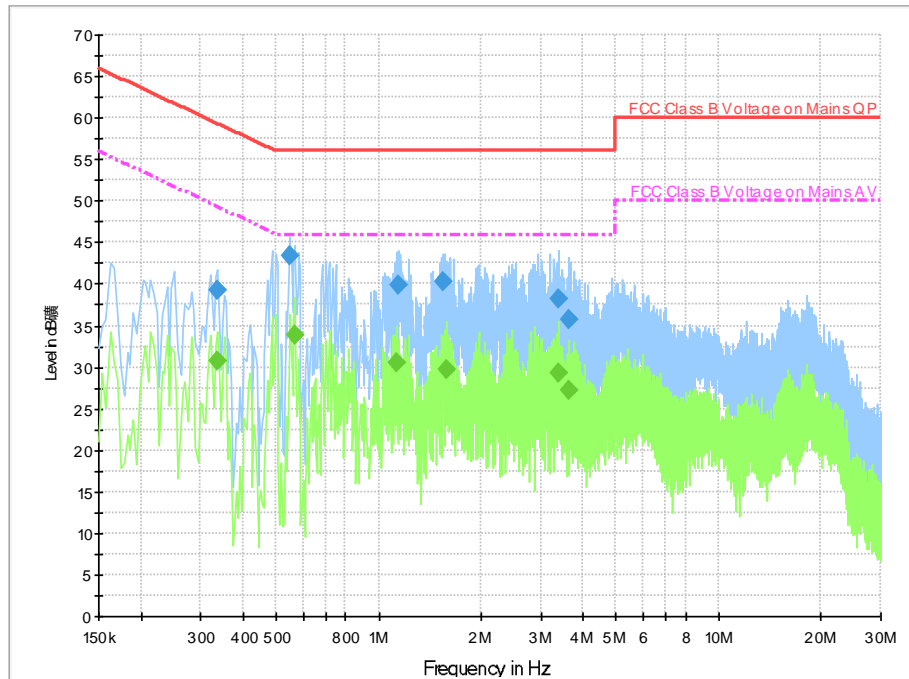


Fig.59 Conducted Emission(802.11a, IDLE)

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)
0.334000	39.3	5000.0	9.000	On	L1	19.7	20.1	59.4
0.546000	43.4	5000.0	9.000	On	L1	19.8	12.6	56.0
1.146000	39.8	5000.0	9.000	On	L1	19.6	16.2	56.0
1.550000	40.2	5000.0	9.000	On	L1	19.6	15.8	56.0
3.382000	38.2	5000.0	9.000	On	L1	19.6	17.8	56.0
3.622000	35.8	5000.0	9.000	On	L1	19.6	20.2	56.0

Final Result 2

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.334000	30.7	5000.0	9.000	On	L1	19.7	18.6	49.4
0.566000	33.9	5000.0	9.000	On	L1	19.8	12.1	46.0
1.126000	30.5	5000.0	9.000	On	L1	19.6	15.5	46.0
1.578000	29.7	5000.0	9.000	On	L1	19.6	16.3	46.0
3.382000	29.3	5000.0	9.000	On	L1	19.6	16.7	46.0
3.622000	27.2	5000.0	9.000	On	L1	19.6	18.8	46.0

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	17.32	P
	5200 MHz	Fig.61	17.32	P
	5240 MHz	Fig.62	17.36	P
802.11ac HT20	5180 MHz	Fig.63	18.12	P
	5200 MHz	Fig.64	18.16	P
	5240 MHz	Fig.65	18.16	P
802.11ac HT40	5190 MHz	Fig.66	36.16	P
	5230 MHz	Fig.67	36.24	P
802.11ac HT80	5210 MHz	Fig.68	75.20	P

Conclusion: PASS
Test graphs as below:

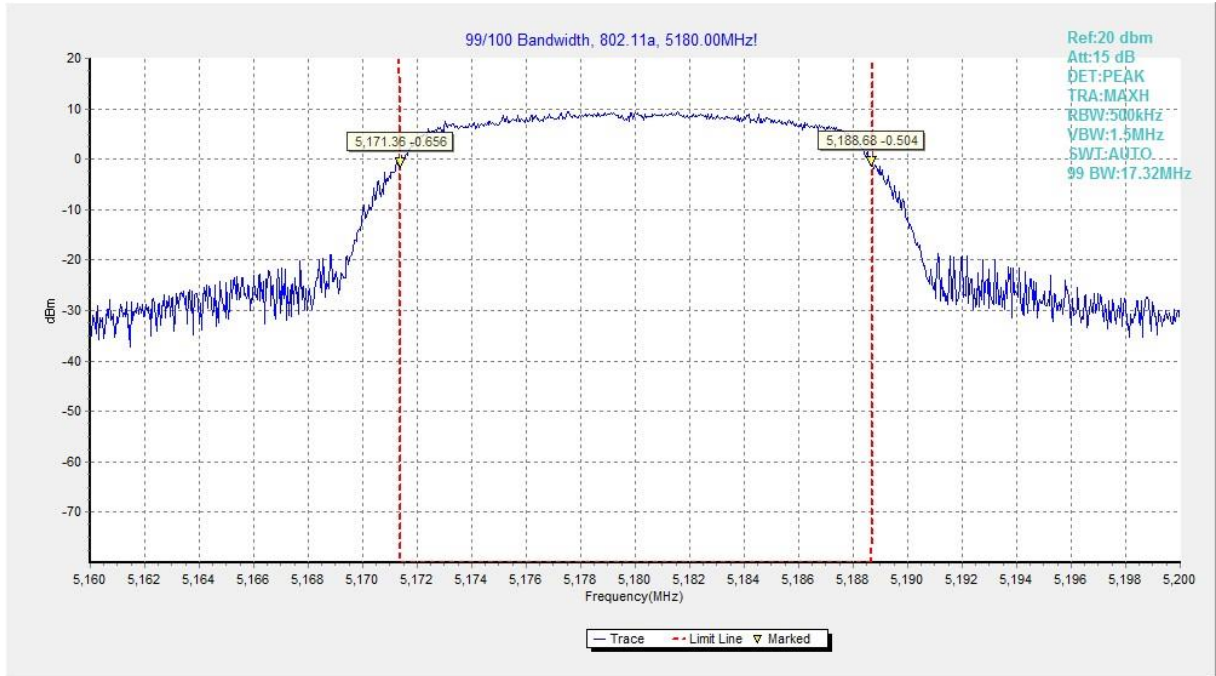


Fig.60 99% Occupied bandwidth (802.11a, 5180MHz)

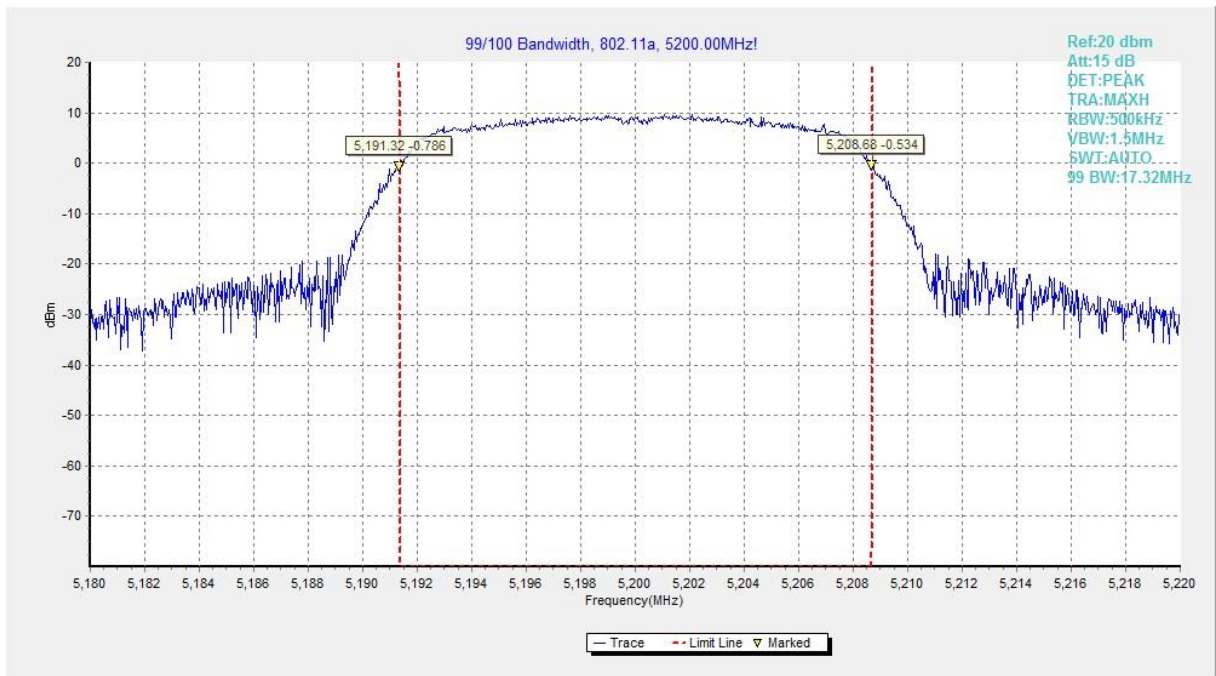


Fig.61 99% Occupied bandwidth (802.11a, 5200MHz)

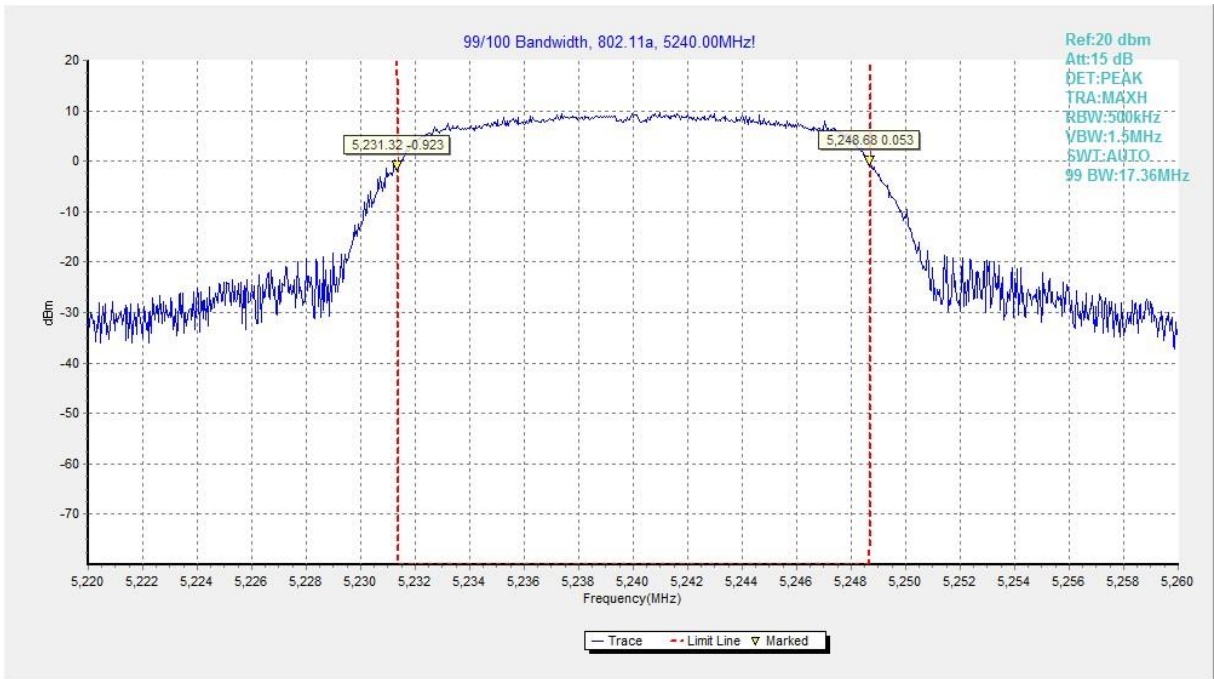


Fig.62 99% Occupied bandwidth (802.11a, 5240MHz)

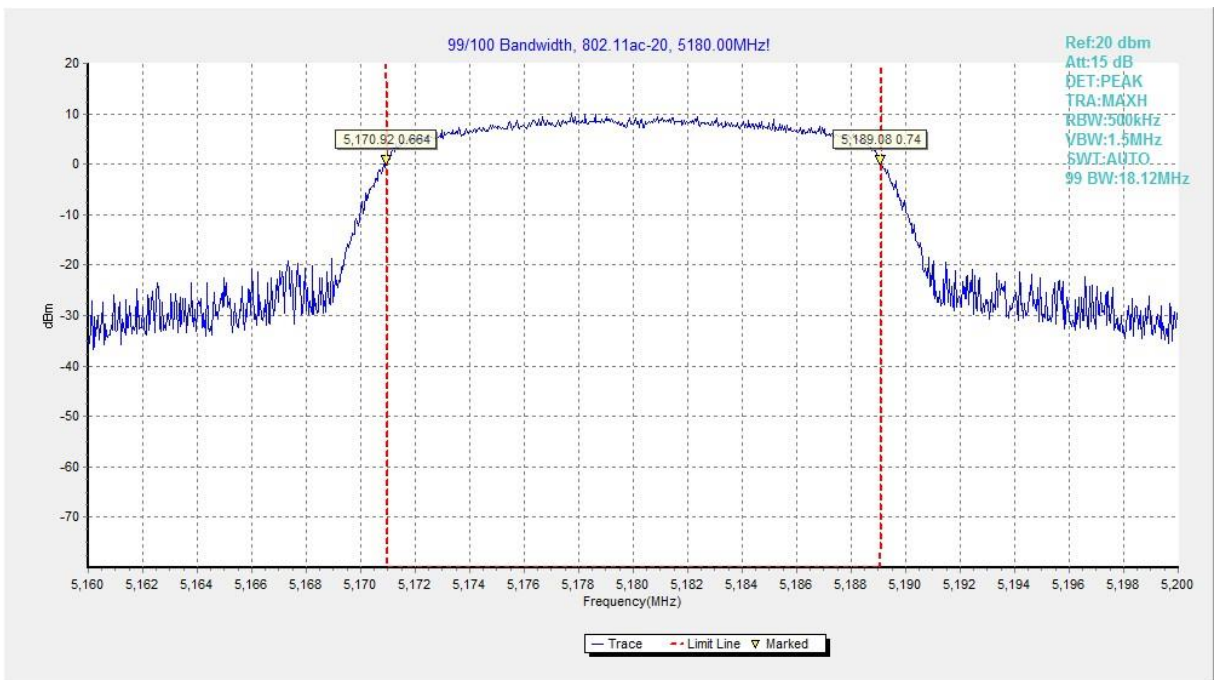


Fig.63 99% Occupied bandwidth (802.11ac-HT20, 5180MHz)

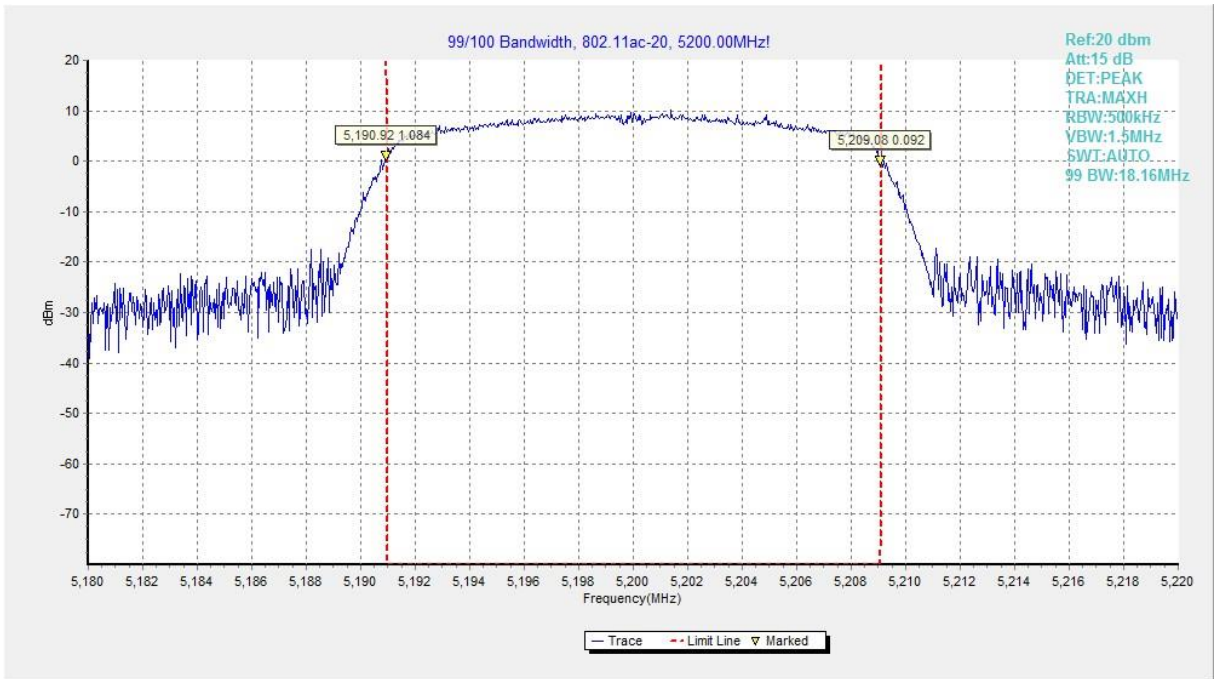


Fig.64 99% Occupied bandwidth (802.11ac-HT20, 5200MHz)

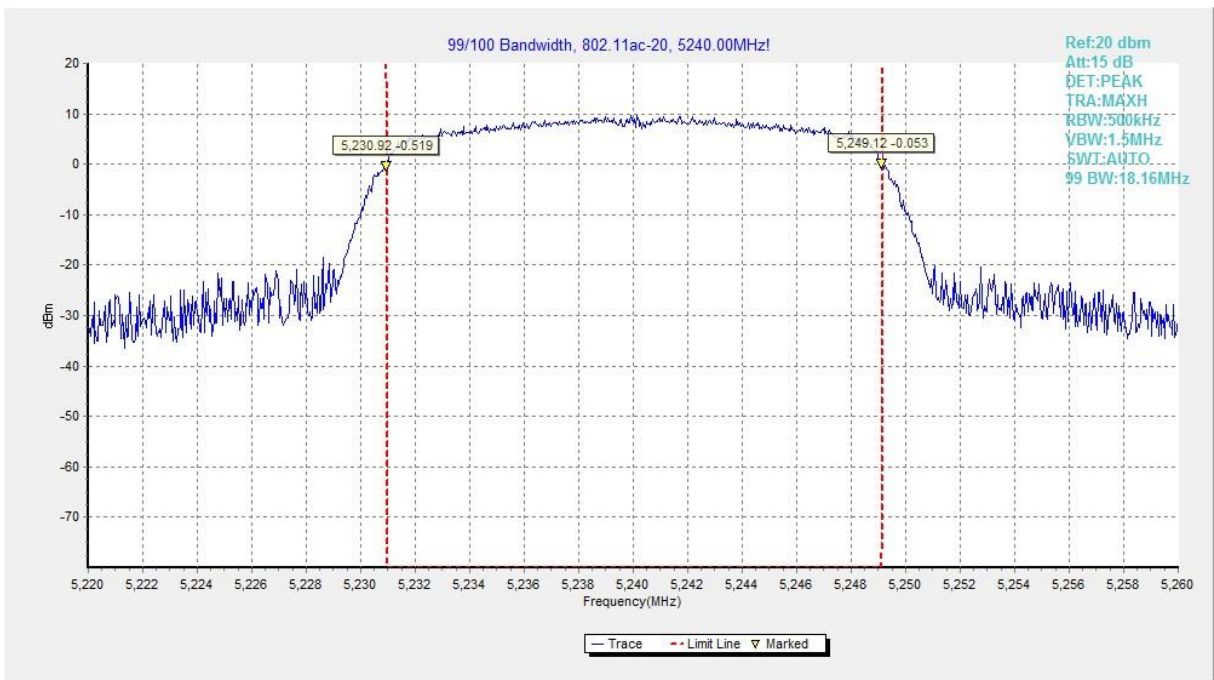


Fig.65 99% Occupied bandwidth (802.11ac-HT20, 5240MHz)

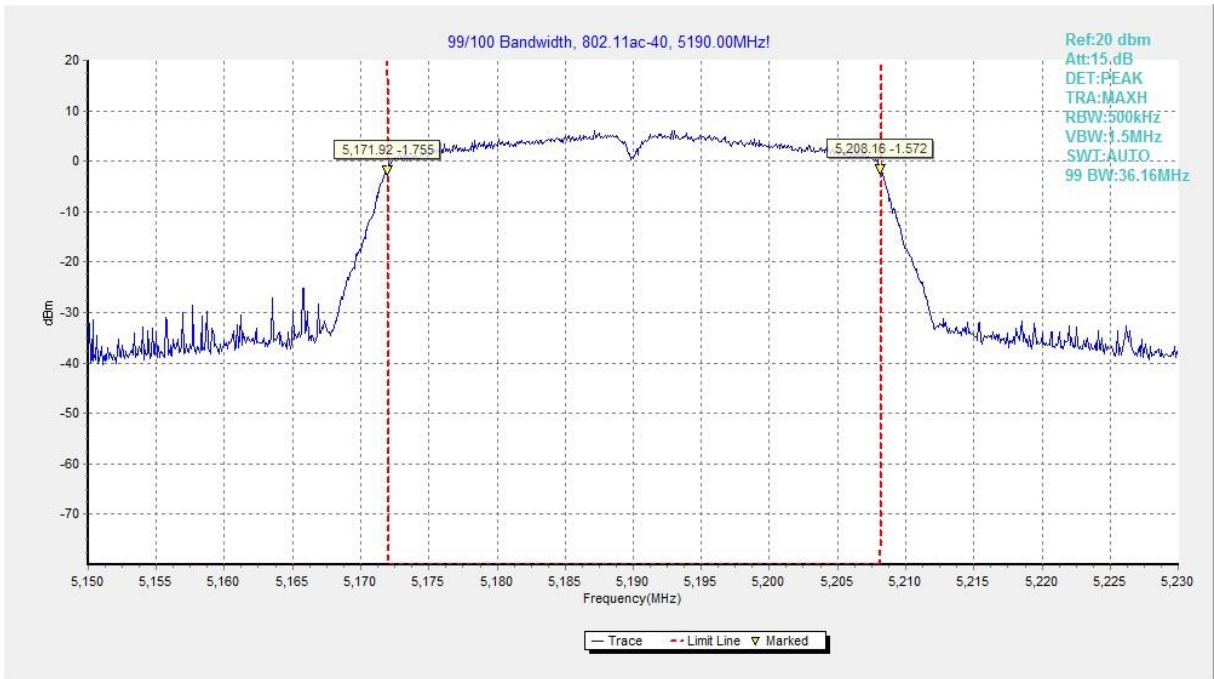


Fig.66 99% Occupied bandwidth (802.11ac-HT40, 5190MHz)

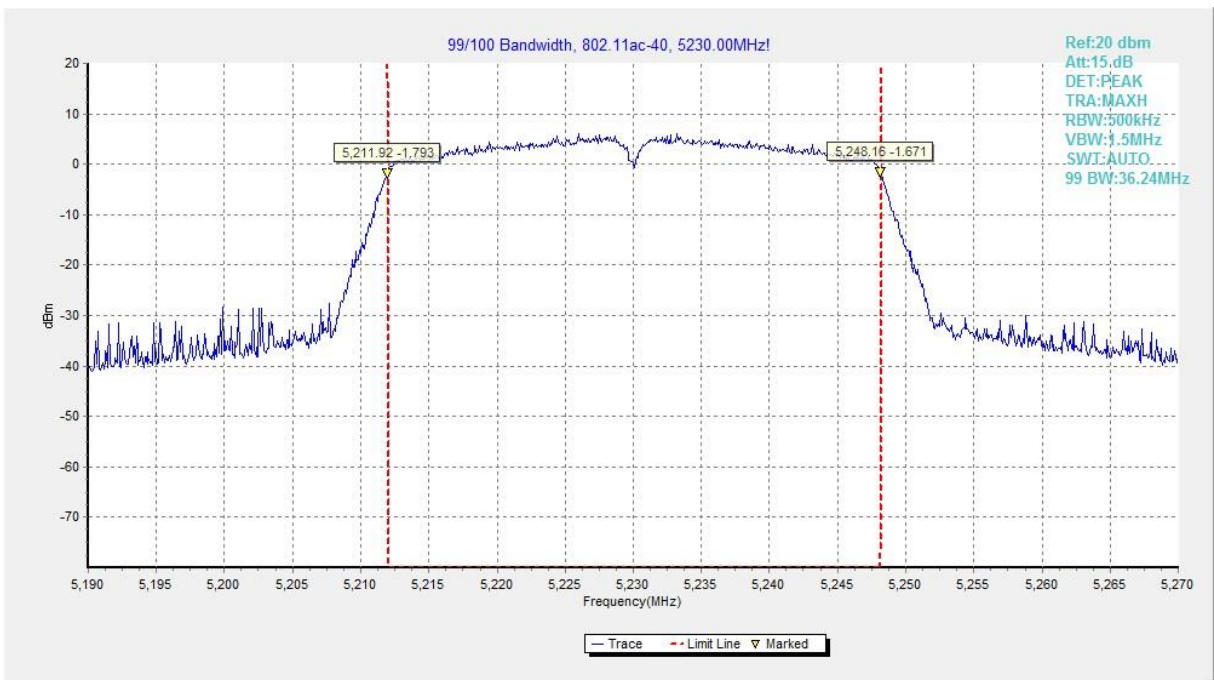


Fig.67 99% Occupied bandwidth (802.11ac-HT40, 5230MHz)

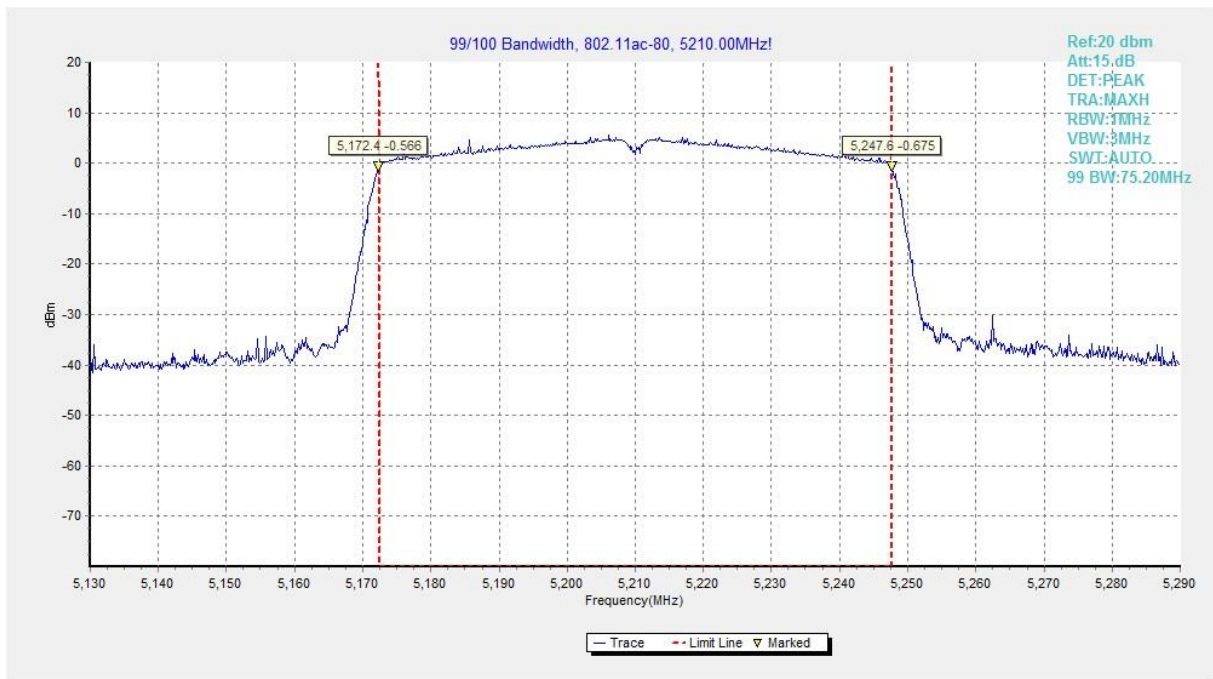


Fig.68 99% Occupied bandwidth (802.11ac-HT80, 5210MHz)

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 ***