

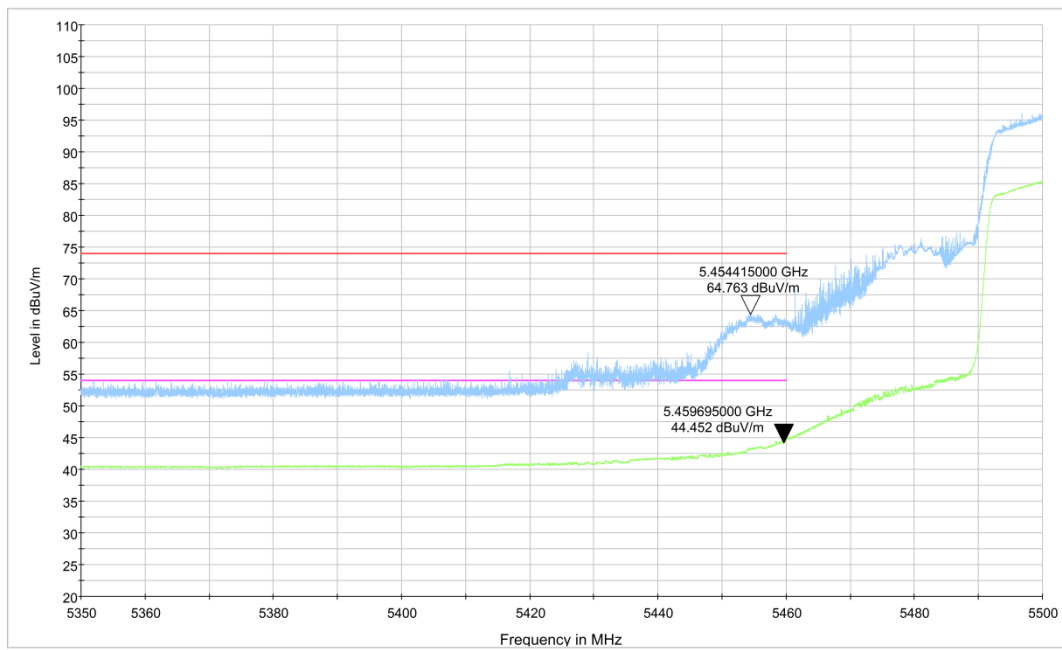


Fig.44 Band Edges (802.11n-HT40 Ch102, 5510MHz)

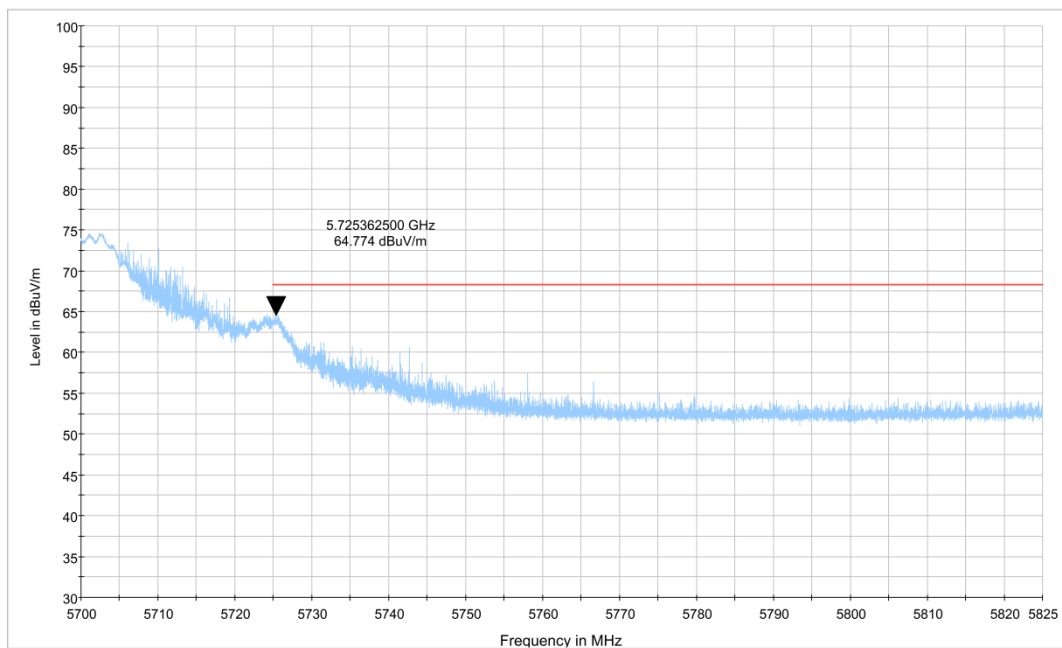


Fig.45 Band Edges (802.11n-HT40 Ch134, 5670MHz)

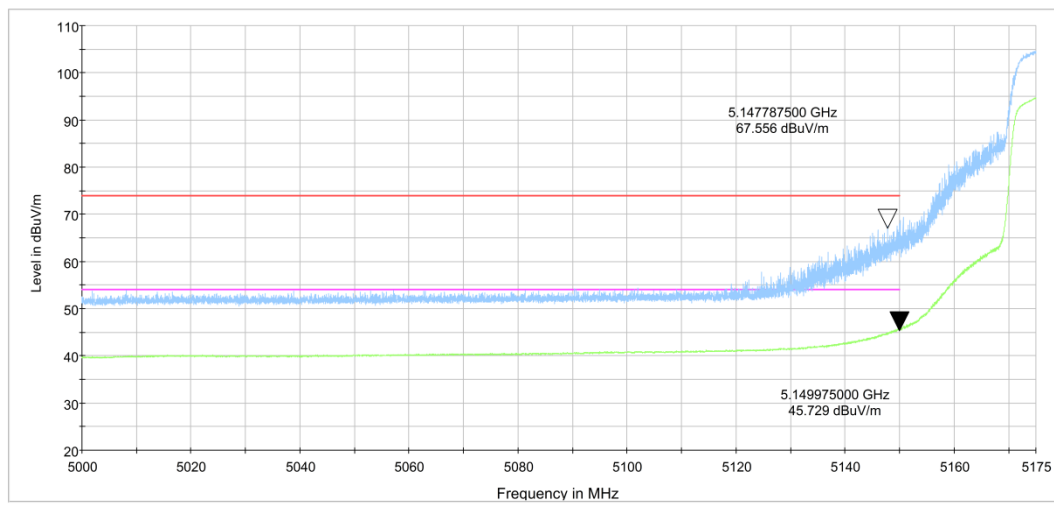


Fig.46 Band Edges (802.11ac-HT20 Ch36, 5180MHz)

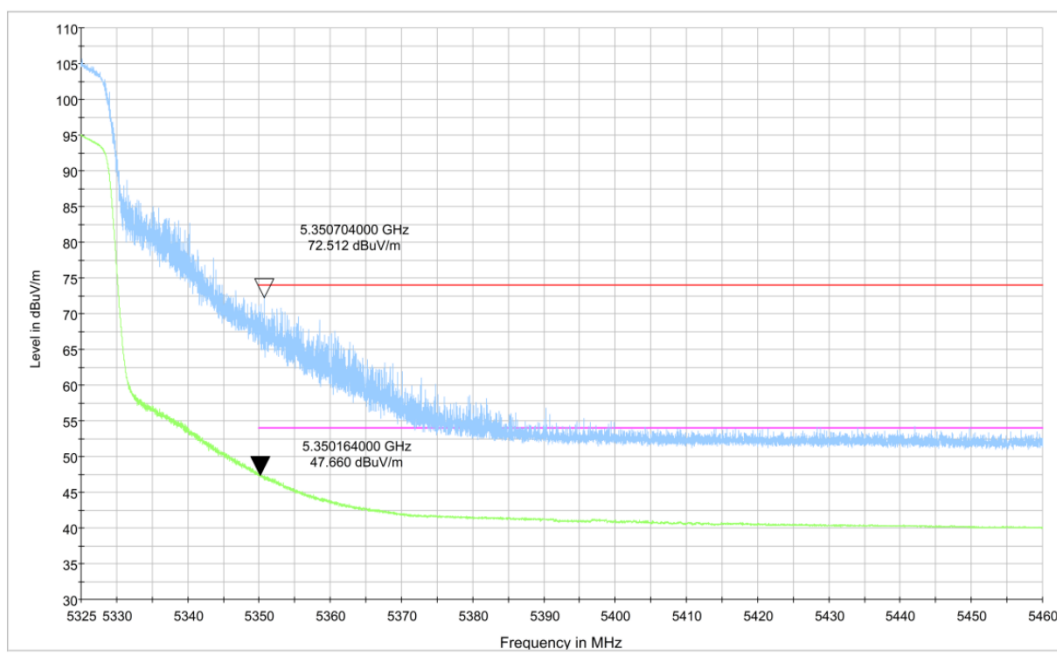


Fig.47 Band Edges (802.11ac-HT20 Ch64, 5320MHz)

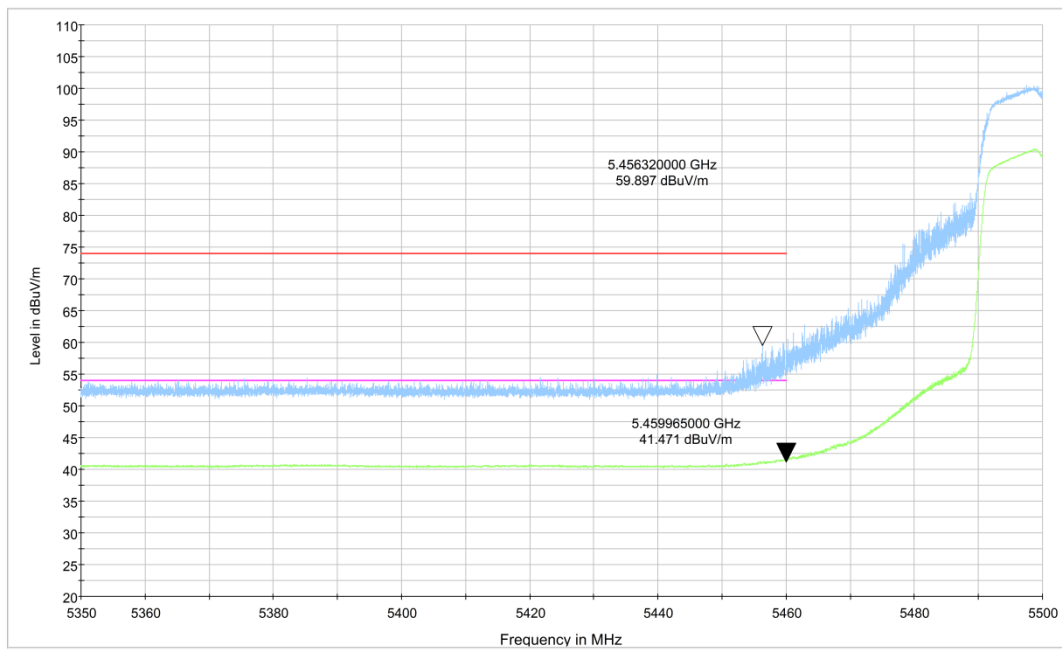


Fig.48 Band Edges (802.11ac-HT20 Ch100, 5500MHz)

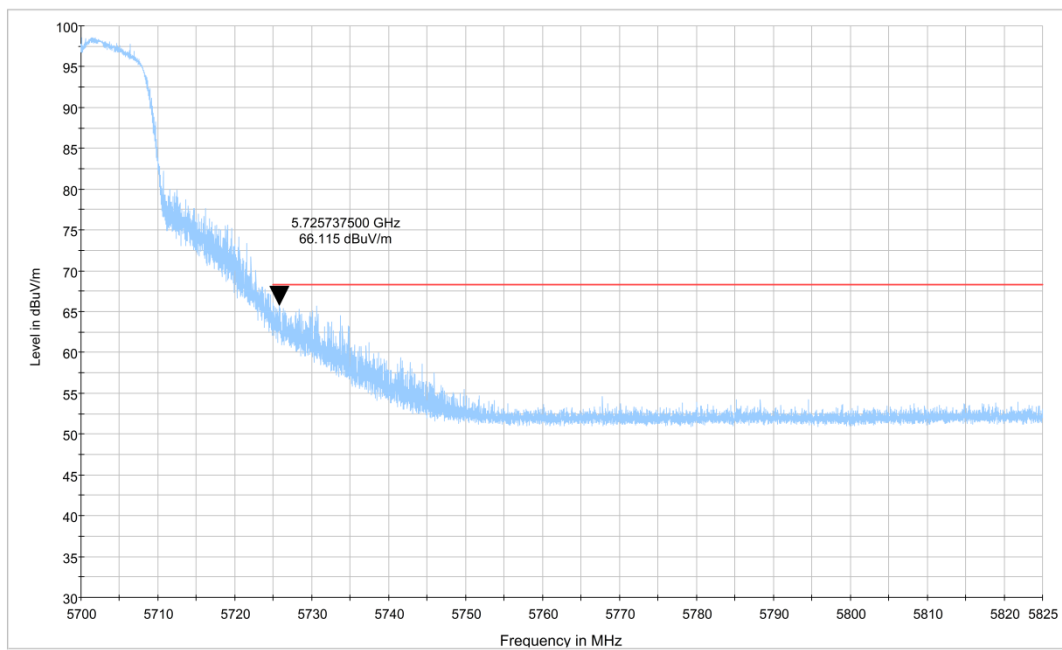


Fig.49 Band Edges (802.11ac-HT20 Ch140, 5700MHz)

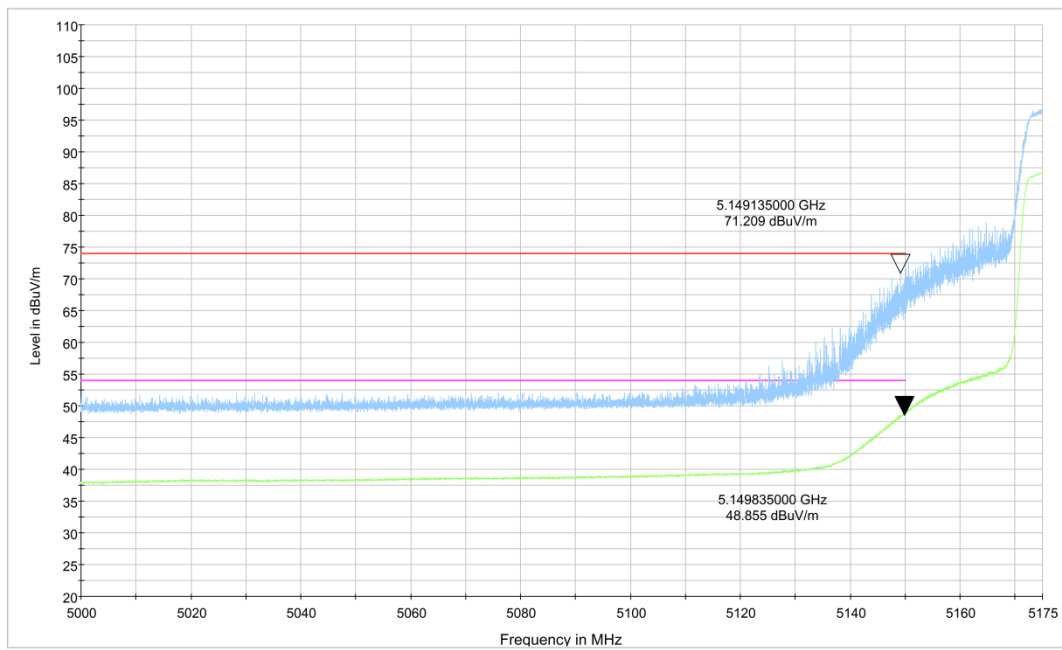


Fig.50 Band Edges (802.11ac-HT40 Ch38, 5190MHz)

Fig.51 Band Edges (802.11ac-HT40 Ch62, 5310MHz)

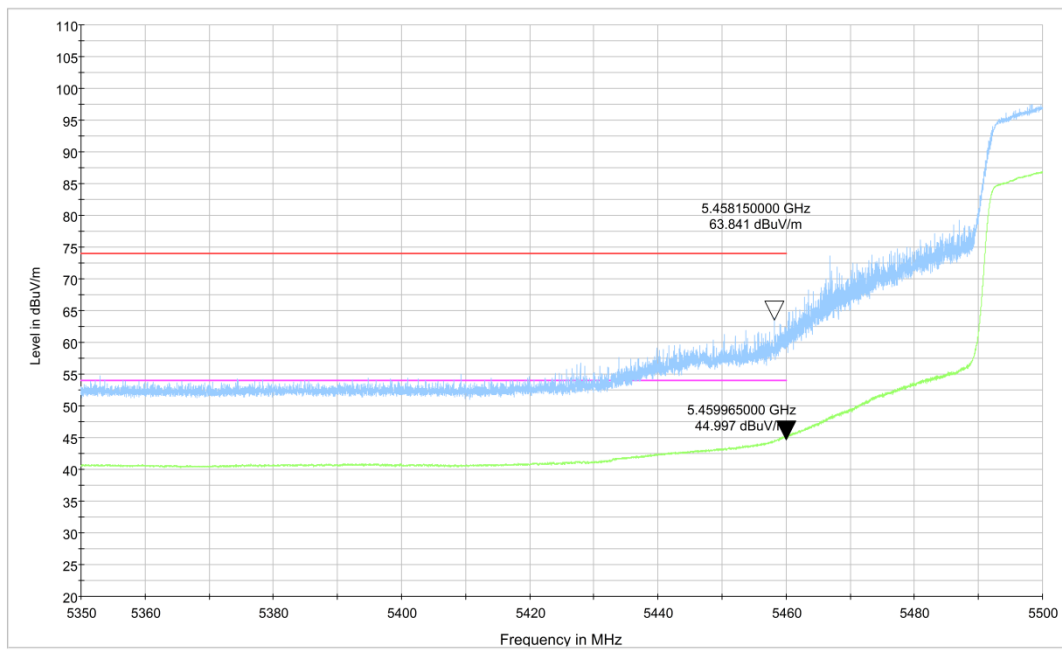


Fig.52 Band Edges (802.11ac-HT40 Ch102, 5510MHz)

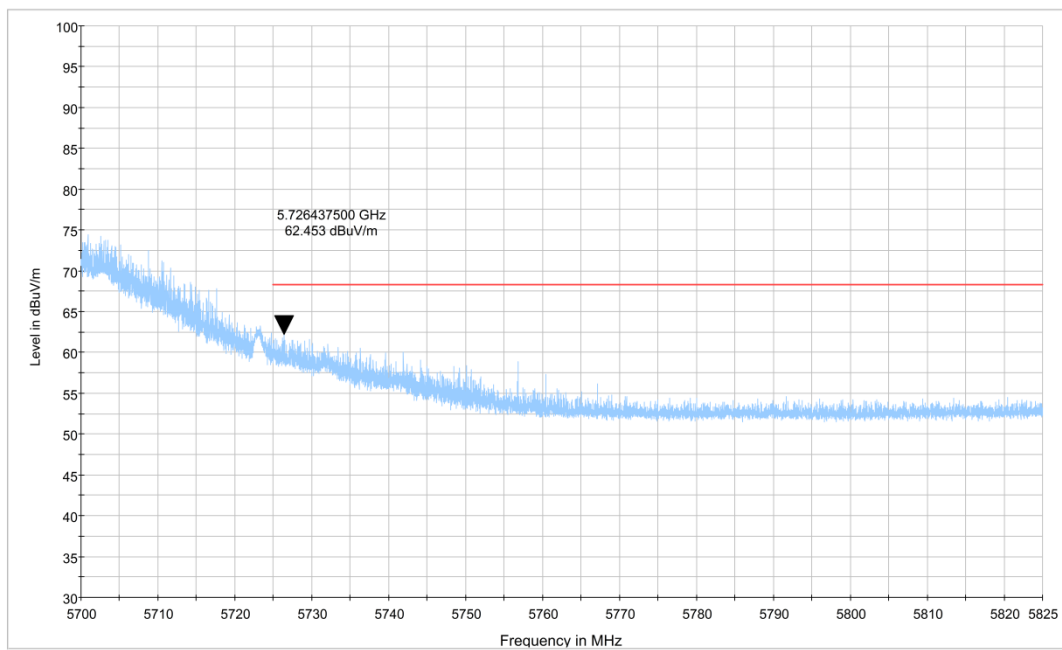


Fig.53 Band Edges (802.11ac-HT40 Ch134, 5670MHz)

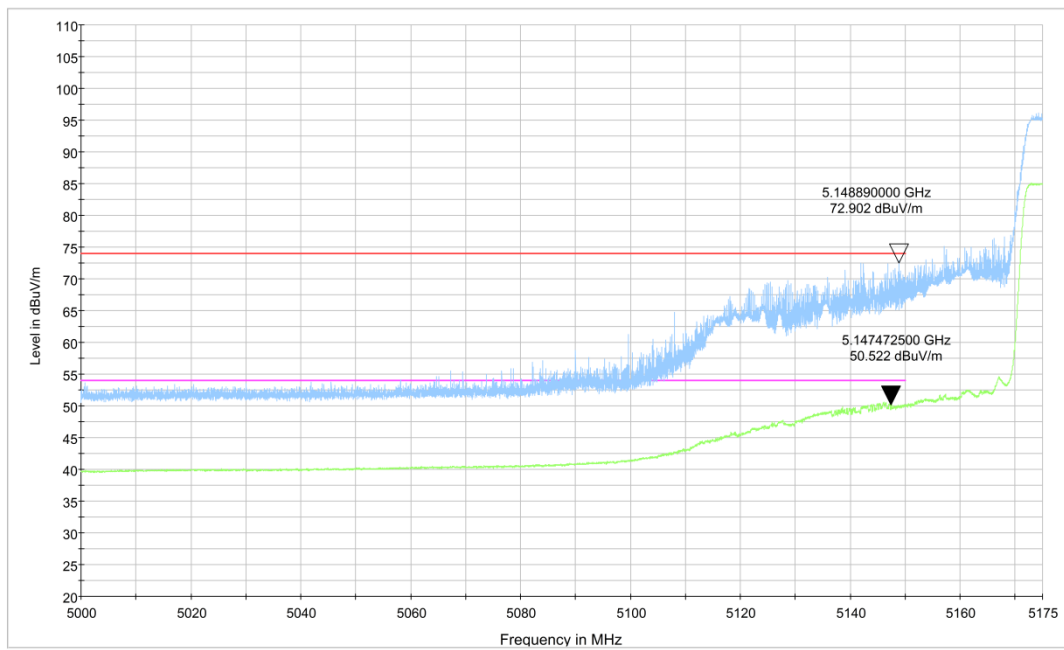


Fig.54 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)

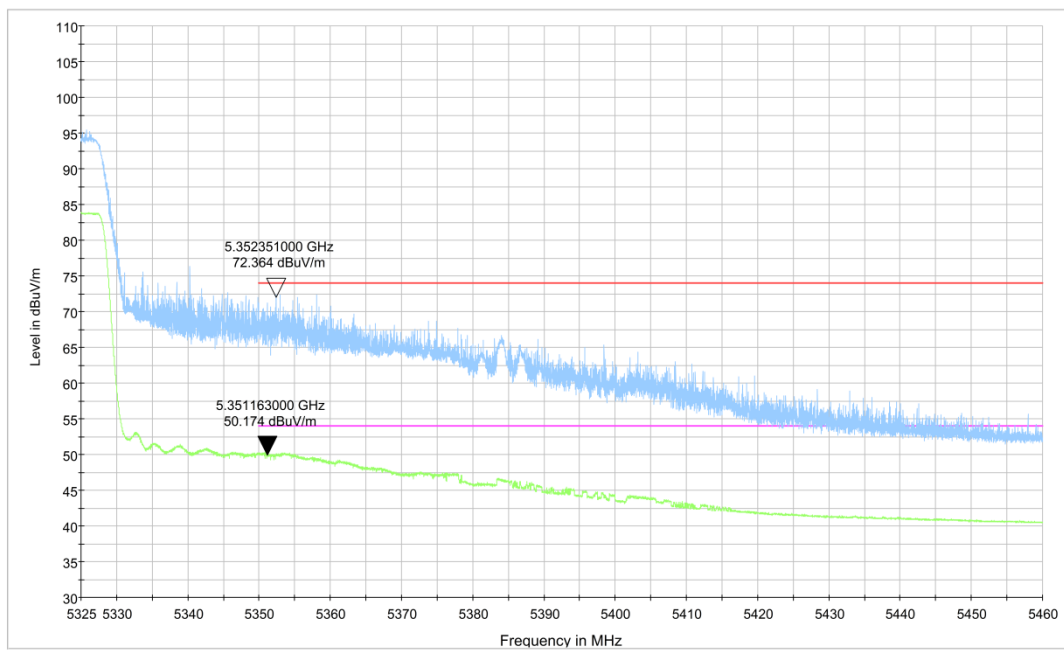


Fig.55 Band Edges (802.11ac-HT80 Ch58, 5290MHz)

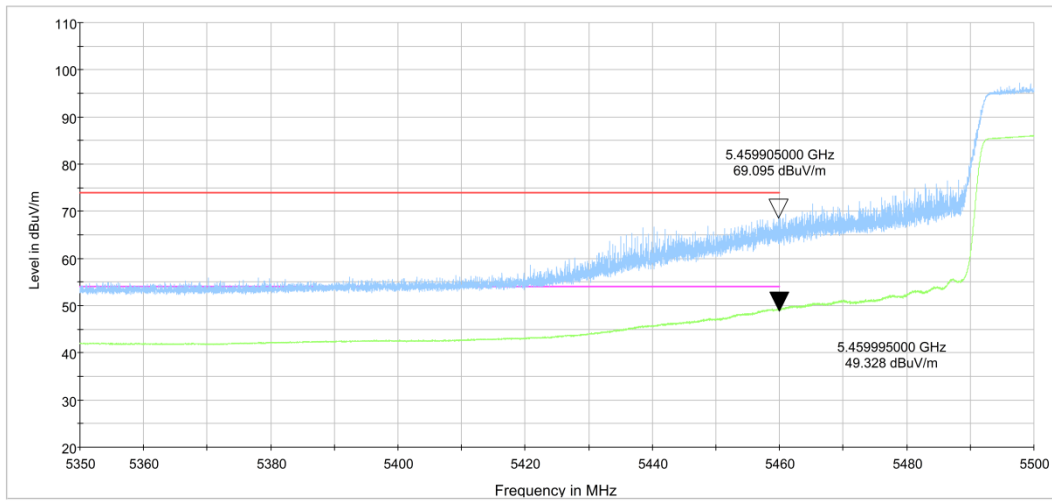


Fig.56 Band Edges (802.11ac-HT80 Ch106, 5530MHz)

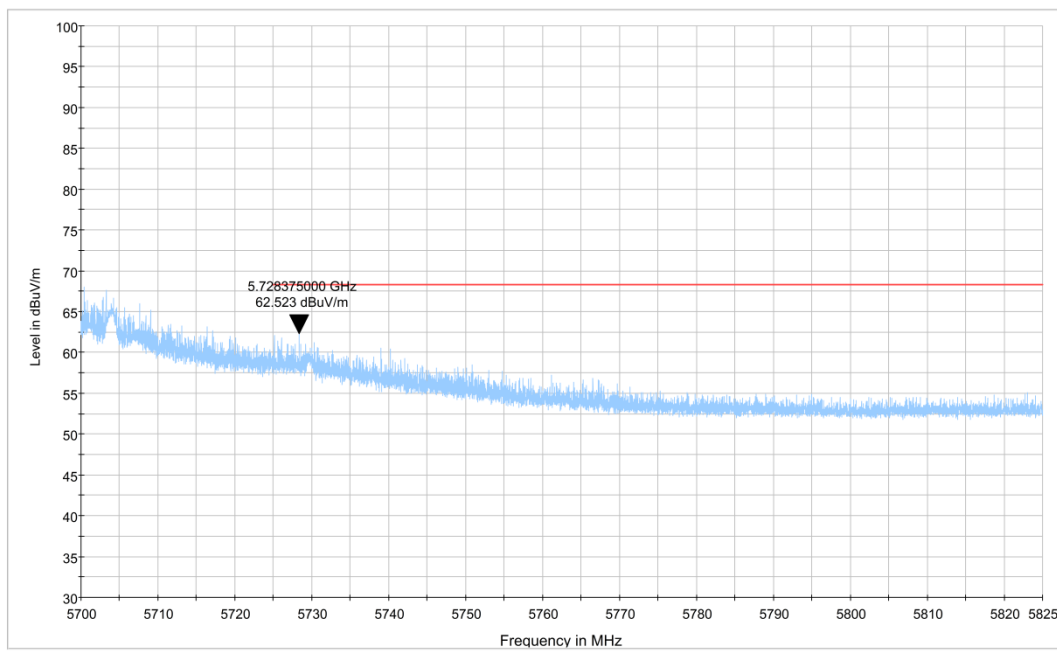


Fig.57 Band Edges (802.11ac-HT80 Ch122, 5610MHz)

A.6. Transmitter Spurious Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

Measurement Results:

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
	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
	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
		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)
5148.800	39.52	-23.27	34.26	28.53	54.00	14.48	V
5150.000	39.77	-23.27	34.26	28.78	54.00	14.23	V
11010.400	31.49	-29.85	38.00	23.34	54.00	22.51	V
15540.000	34.86	-24.49	40.15	19.20	54.00	19.14	H
17960.000	37.62	-22.74	41.51	18.85	54.00	16.38	V
17923.200	38.01	-22.67	41.52	19.16	54.00	15.99	V

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)
5138.800	37.87	-23.30	34.26	26.91	54.00	16.13	V
5356.800	38.13	-22.29	34.34	26.08	54.00	15.87	V
11084.000	30.79	-30.01	38.03	22.77	54.00	23.21	V
15600.000	34.42	-24.52	40.22	18.72	54.00	19.58	V
17904.000	37.62	-22.63	41.52	18.73	54.00	16.38	H
17949.600	37.36	-22.72	41.51	18.57	54.00	16.64	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)
5364.000	39.86	-22.29	34.35	27.80	54.00	14.14	V
5361.600	38.21	-22.29	34.35	26.15	54.00	15.79	V
11017.600	31.11	-29.84	38.01	22.94	54.00	22.89	H
15720.000	34.12	-24.36	40.37	18.11	54.00	19.88	V
17841.600	37.06	-22.50	41.53	18.03	54.00	16.94	H
17927.200	37.49	-22.67	41.51	18.65	54.00	16.51	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)
5120.000	36.08	-23.37	34.25	25.20	54.00	17.92	V
5389.600	36.68	-22.29	34.36	24.61	54.00	17.32	V
11013.600	31.19	-29.85	38.01	23.03	54.00	22.81	H
15780.000	34.40	-24.20	40.44	18.16	54.00	19.60	H
17815.200	37.28	-22.44	41.54	18.19	54.00	16.72	H
17898.400	37.65	-22.62	41.52	18.74	54.00	16.35	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)
5140.400	35.97	-23.30	34.26	25.01	54.00	18.03	V
5358.000	37.08	-22.29	34.35	25.03	54.00	16.92	V
10914.400	29.81	-29.96	37.97	21.80	54.00	24.19	V
15840.000	35.08	-24.06	40.51	18.63	54.00	18.92	H
17831.200	37.12	-22.48	41.53	18.06	54.00	16.88	V
17919.200	37.41	-22.66	41.52	18.55	54.00	16.59	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)
5349.200	43.86	-22.29	34.34	31.81	54.00	10.14	V
5350.800	43.73	-22.29	34.34	31.68	54.00	10.27	V
10640.000	29.88	-29.30	37.86	21.32	54.00	24.12	H
15960.000	35.12	-23.82	40.65	18.28	54.00	18.88	V
17760.800	37.32	-22.32	41.55	18.09	54.00	16.68	H
17842.400	37.26	-22.50	41.53	18.23	54.00	16.74	V

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)
5457.900	40.05	-22.70	34.38	28.36	54.00	13.95	V
5460.000	40.37	-22.69	34.38	28.67	54.00	13.63	V
11000.000	31.80	-29.87	38.00	23.68	54.00	22.20	H
16138.400	36.08	-23.31	40.92	18.47	54.00	17.92	H
17743.200	37.84	-22.28	41.55	18.57	54.00	16.16	H
17904.000	38.15	-22.63	41.52	19.26	54.00	15.85	V

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)
5358.000	34.41	-22.29	34.35	22.36	54.00	19.59	V
5366.400	36.31	-22.29	34.35	24.25	54.00	17.69	V
11200.000	30.98	-30.43	38.08	23.33	54.00	23.02	H
16143.200	36.07	-23.31	40.93	18.45	54.00	17.93	V
17762.400	37.57	-22.32	41.55	18.35	54.00	16.43	V
17910.400	38.01	-22.64	41.52	19.13	54.00	15.99	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)
5353.200	36.45	-22.29	34.34	24.40	48.30	11.85	V
5366.000	36.40	-22.29	34.35	24.34	48.30	11.90	V
11400.000	31.62	-29.72	38.16	23.18	48.30	16.68	H
16149.600	36.04	-23.30	40.94	18.40	48.30	12.26	H
17743.200	37.70	-22.28	41.55	18.43	48.30	10.60	V
17899.200	38.03	-22.62	41.52	19.13	48.30	10.27	H

Channel 144

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)
5352.000	38.41	-22.29	34.34	26.36	48.30	9.89	V
5367.450	38.34	-22.29	34.35	26.28	48.30	9.96	V
11440.000	30.95	-29.47	38.18	22.23	48.30	17.35	V
17738.400	37.48	-22.27	41.55	18.19	48.30	10.82	H
17831.200	37.44	-22.48	41.53	18.38	48.30	10.86	H

17926.400	37.72	-22.67	41.51	18.88	48.30	10.58	V
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802.11n-HT20

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)
5144.000	43.15	-23.29	34.26	32.18	54.00	10.85	V
5149.600	45.29	-23.27	34.26	34.30	54.00	8.71	V
11835.600	31.52	-29.23	38.54	22.21	54.00	22.48	V
15540.000	34.92	-24.49	40.15	19.26	54.00	19.08	H
17958.500	37.66	-22.74	41.51	18.89	54.00	16.34	H
17926.800	38.02	-22.67	41.51	19.18	54.00	15.98	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)
5139.600	37.96	-23.30	34.26	27.00	54.00	16.04	V
5361.600	38.12	-22.29	34.35	26.07	54.00	15.88	V
11980.000	32.21	-29.07	38.68	22.59	54.00	21.79	H
15600.000	34.51	-24.52	40.22	18.81	54.00	19.49	H
17794.400	36.99	-22.40	41.54	17.85	54.00	17.01	H
17912.800	37.59	-22.64	41.52	18.72	54.00	16.41	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)
5356.000	38.34	-22.29	34.34	26.29	54.00	15.66	V
5381.600	38.29	-22.29	34.35	26.23	54.00	15.71	V
11826.400	32.10	-29.26	38.53	22.84	54.00	21.90	H
15720.000	34.23	-24.36	40.37	18.22	54.00	19.77	H
17831.200	37.36	-22.48	41.53	18.30	54.00	16.64	V
17917.600	37.58	-22.65	41.52	18.72	54.00	16.42	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)
5140.000	36.39	-23.30	34.26	25.43	54.00	17.61	V
5357.600	37.52	-22.29	34.34	25.46	54.00	16.48	V
11013.600	31.19	-29.85	38.01	23.03	54.00	22.81	V
15780.000	34.40	-24.20	40.44	18.16	54.00	19.60	V
17815.200	37.28	-22.44	41.54	18.19	54.00	16.72	H
17898.400	37.65	-22.62	41.52	18.74	54.00	16.35	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)
5148.500	37.60	-23.28	34.26	26.61	54.00	16.40	V
5352.600	38.32	-22.29	34.34	26.27	54.00	15.68	V
11739.200	31.73	-29.55	38.44	22.83	54.00	22.27	V
15840.000	35.11	-24.06	40.51	18.66	54.00	18.89	H
17856.000	37.48	-22.53	41.53	18.48	54.00	16.52	V
17931.200	37.75	-22.68	41.51	18.92	54.00	16.25	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)
5350.000	45.36	-22.29	34.34	33.31	54.00	8.64	V
5350.700	45.23	-22.29	34.34	33.18	54.00	8.77	V
10640.000	29.91	-29.30	37.86	21.36	54.00	24.09	V
15960.000	35.19	-23.82	40.65	18.35	54.00	18.81	V
17887.200	37.45	-22.59	41.52	18.52	54.00	16.55	H
17977.600	37.51	-22.78	41.50	18.79	54.00	16.49	V

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)
5458.800	38.82	-22.69	34.38	27.13	54.00	15.18	V
5460.000	38.90	-22.69	34.38	27.21	54.00	15.10	V
11000.000	31.51	-29.87	38.00	23.39	54.00	22.49	H
16180.000	36.01	-23.26	40.99	18.28	54.00	17.99	H
17757.600	37.70	-22.31	41.55	18.46	54.00	16.30	V
17907.200	38.02	-22.63	41.52	19.13	54.00	15.98	V

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)
5378.400	37.37	-22.29	34.35	25.30	54.00	16.63	V
5399.200	37.29	-22.31	34.36	25.23	54.00	16.71	V
11200.000	30.98	-30.43	38.08	23.32	54.00	23.02	V
16155.200	36.04	-23.29	40.95	18.39	54.00	17.96	H
17749.600	37.76	-22.29	41.55	18.50	54.00	16.24	V
17916.800	38.04	-22.65	41.52	19.18	54.00	15.96	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)
5382.800	37.27	-22.29	34.35	25.21	48.30	11.03	V
5410.800	37.22	-22.40	34.37	25.26	48.30	11.08	V
11400.000	31.67	-29.72	38.16	23.23	48.30	16.63	H
16181.600	36.03	-23.26	40.99	18.30	48.30	12.27	V
17752.000	37.69	-22.30	41.55	18.44	48.30	10.61	V
17921.600	38.03	-22.66	41.52	19.18	48.30	10.27	H

Channel 144

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)
5387.900	38.33	-22.29	34.36	26.25	48.30	9.97	V
5449.800	38.00	-22.70	34.38	26.32	48.30	10.30	V
11440.000	31.35	-29.47	38.18	22.64	48.30	16.95	V
16132.000	35.87	-23.32	40.91	18.27	48.30	12.43	V
17756.000	37.55	-22.31	41.55	18.31	48.30	10.75	V
17927.200	37.85	-22.67	41.51	19.01	48.30	10.45	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)
5149.600	49.64	-23.27	34.26	38.65	54.00	4.36	V
5150.000	49.78	-23.27	34.26	38.79	54.00	4.22	V
12333.600	32.52	-27.76	38.90	21.39	54.00	21.48	V
15570.400	34.57	-24.51	40.19	18.89	54.00	19.43	V
17824.000	37.28	-22.46	41.53	18.21	54.00	16.72	V
17912.000	37.77	-22.64	41.52	18.90	54.00	16.23	V

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)
5150.000	38.40	-23.27	34.26	27.41	54.00	15.60	V
5353.600	38.53	-22.29	34.34	26.48	54.00	15.47	V
11890.400	32.01	-29.18	38.59	22.60	54.00	21.99	H
15690.400	34.49	-24.44	40.33	18.60	54.00	19.51	V
17826.400	37.38	-22.47	41.53	18.31	54.00	16.62	V
17916.800	37.66	-22.65	41.52	18.79	54.00	16.34	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)
5151.200	38.67	-23.27	34.26	27.68	54.00	15.33	V
5350.800	40.96	-22.29	34.34	28.91	54.00	13.04	V
10540.000	29.77	-29.55	37.82	21.50	54.00	24.23	V
15810.400	35.02	-24.12	40.47	18.66	54.00	18.98	V
17752.000	37.44	-22.30	41.55	18.18	54.00	16.57	H

17824.800	37.36	-22.46	41.53	18.29	54.00	16.64	H
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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)
5350.000	46.28	-22.29	34.34	34.23	54.00	7.72	V
5350.300	45.91	-22.29	34.34	33.86	54.00	8.09	V
10620.000	30.23	-29.20	37.85	21.57	54.00	23.77	V
15930.400	34.13	-23.88	40.62	17.40	54.00	19.86	V
17754.400	37.40	-22.30	41.55	18.15	54.00	16.61	H
17828.000	37.39	-22.47	41.53	18.33	54.00	16.61	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)
5459.700	42.99	-22.69	34.38	31.30	54.00	11.01	V
5460.400	43.24	-22.69	34.38	31.55	54.00	10.76	V
11020.000	31.82	-29.83	38.01	23.65	54.00	22.18	H
16145.600	36.18	-23.30	40.94	18.55	54.00	17.82	V
17744.000	37.94	-22.28	41.55	18.66	54.00	16.07	V
17904.000	38.10	-22.63	41.52	19.21	54.00	15.89	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)
5390.500	38.26	-22.29	34.36	26.19	54.00	15.74	V
5440.900	38.20	-22.63	34.38	26.45	54.00	15.80	V
11180.000	29.89	-30.45	38.07	22.26	54.00	24.11	H
17731.200	36.92	-22.25	41.55	17.61	54.00	17.08	V
17832.000	37.03	-22.48	41.53	17.98	54.00	16.97	H
17920.800	37.29	-22.66	41.52	18.44	54.00	16.71	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)
5353.400	38.04	-22.29	34.34	25.99	48.30	10.26	V
5416.700	37.77	-22.45	34.37	25.85	48.30	10.53	V
11340.000	30.15	-30.03	38.14	22.04	48.30	18.15	V
17734.000	37.04	-22.26	41.55	17.75	48.30	11.26	V

17836.800	37.09	-22.49	41.53	18.05	48.30	11.21	V
17917.600	37.35	-22.65	41.52	18.49	48.30	10.95	H

Channel 142

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)
5458.650	38.00	-22.69	34.38	26.31	48.30	10.30	V
5436.500	38.27	-22.60	34.38	26.49	48.30	10.03	V
11420.000	31.54	-29.59	38.17	22.97	48.30	16.76	V
16144.800	36.02	-23.31	40.93	18.39	48.30	12.28	V
17762.400	37.48	-22.32	41.55	18.25	48.30	10.82	H
17916.800	37.81	-22.65	41.52	18.95	48.30	10.49	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)
5146.000	43.03	-23.28	34.26	32.05	54.00	10.97	V
5148.800	43.96	-23.27	34.26	32.98	54.00	10.04	V
11931.200	32.07	-29.17	38.63	22.60	54.00	21.93	H
15540.000	34.45	-24.49	40.15	18.79	54.00	19.55	V
17740.000	37.42	-22.27	41.55	18.14	54.00	16.58	V
17843.200	37.50	-22.50	41.53	18.47	54.00	16.50	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)
5140.800	40.14	-23.30	34.26	29.18	54.00	13.86	V
5365.200	39.92	-22.29	34.35	27.86	54.00	14.08	V
11975.200	32.19	-29.09	38.68	22.60	54.00	21.81	V
15600.000	34.42	-24.52	40.22	18.72	54.00	19.58	H
17836.800	37.26	-22.49	41.53	18.21	54.00	16.74	V
17922.400	37.50	-22.66	41.52	18.65	54.00	16.50	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)
5361.200	38.43	-22.29	34.35	26.38	54.00	15.57	V
5381.600	38.31	-22.29	34.35	26.24	54.00	15.69	V
10480.000	32.67	-29.57	37.78	24.47	54.00	21.33	V
15720.000	34.92	-24.36	40.37	18.91	54.00	19.08	V

17986.800	37.72	-22.80	41.50	19.01	54.00	16.29	V
17849.600	37.88	-22.51	41.53	18.87	54.00	16.12	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)
5150.500	37.61	-23.27	34.26	26.62	54.00	16.39	V
5352.900	38.20	-22.29	34.34	26.15	54.00	15.80	V
11000.000	31.11	-29.87	38.00	22.99	54.00	22.89	V
15780.000	34.36	-24.20	40.44	18.12	54.00	19.64	H
17783.200	37.13	-22.37	41.54	17.95	54.00	16.87	H
17824.800	37.30	-22.46	41.53	18.23	54.00	16.70	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)
5150.000	37.66	-23.27	34.26	26.67	54.00	16.34	V
5351.850	38.40	-22.29	34.34	26.34	54.00	15.61	V
11050.400	31.17	-29.80	38.02	22.95	54.00	22.83	H
15840.000	35.12	-24.06	40.51	18.67	54.00	18.88	H
17785.600	37.11	-22.38	41.54	17.95	54.00	16.89	H
17828.800	37.43	-22.47	41.53	18.36	54.00	16.57	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)
5350.000	46.54	-22.29	34.34	34.49	54.00	7.46	V
5352.500	46.41	-22.29	34.34	34.36	54.00	7.59	V
10640.000	30.00	-29.30	37.86	21.44	54.00	24.00	V
15960.000	35.20	-23.82	40.65	18.37	54.00	18.80	V
17788.000	37.18	-22.38	41.54	18.02	54.00	16.82	V
17832.800	37.39	-22.48	41.53	18.34	54.00	16.61	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)
5458.500	41.00	-22.69	34.38	29.31	54.00	13.00	V
5460.000	41.30	-22.69	34.38	29.61	54.00	12.70	V
11000.000	31.57	-29.87	38.00	23.44	54.00	22.43	V

16161.600	36.18	-23.29	40.96	18.50	54.00	17.82	V
17763.200	37.69	-22.33	41.55	18.47	54.00	16.31	H
17911.200	38.18	-22.64	41.52	19.30	54.00	15.82	V

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)
5398.600	37.06	-22.30	34.36	25.00	54.00	16.94	V
5387.100	37.08	-22.29	34.36	25.01	54.00	16.92	V
11200.000	31.13	-30.43	38.08	23.48	54.00	22.87	H
16146.400	36.22	-23.30	40.94	18.59	54.00	17.78	H
17755.200	37.74	-22.31	41.55	18.50	54.00	16.26	H
17903.200	38.03	-22.63	41.52	19.14	54.00	15.97	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)
5399.900	37.59	-22.31	34.36	25.55	48.30	10.71	V
5446.000	37.36	-22.67	34.38	25.66	48.30	10.94	V
11400.000	31.70	-29.72	38.16	23.26	48.30	16.60	V
16162.400	36.18	-23.28	40.96	18.50	48.30	12.12	V
17762.400	37.69	-22.32	41.55	18.46	48.30	10.61	V
17924.000	38.05	-22.67	41.52	19.21	48.30	10.24	V

Channel 144

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)
5404.500	38.30	-22.35	34.36	26.29	48.30	10.00	V
5419.600	38.11	-22.47	34.37	26.21	48.30	10.19	V
11440.000	31.29	-29.47	38.18	22.58	48.30	17.01	H
16143.200	35.93	-23.31	40.93	18.30	48.30	12.37	H
17836.000	37.51	-22.49	41.53	18.47	48.30	10.79	H
17904.000	37.76	-22.63	41.52	18.86	48.30	10.54	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)
5149.200	46.34	-23.27	34.26	35.35	54.00	7.66	V
5150.000	46.95	-23.27	34.26	35.96	54.00	7.05	V
11924.800	32.18	-29.17	38.63	22.73	54.00	21.82	V
15570.400	34.65	-24.51	40.19	18.97	54.00	19.35	H
17744.800	37.38	-22.28	41.55	18.11	54.00	16.62	V
17931.200	37.60	-22.68	41.51	18.77	54.00	16.40	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)
5140.000	36.22	-23.30	34.26	25.26	54.00	17.78	V
5352.000	36.83	-22.29	34.34	24.78	54.00	17.17	V
12372.000	32.90	-27.96	38.92	21.93	54.00	21.10	H
15690.400	34.58	-24.44	40.33	18.69	54.00	19.42	H
17746.400	37.38	-22.29	41.55	18.11	54.00	16.62	V
17934.400	37.57	-22.69	41.51	18.74	54.00	16.43	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)
5149.500	39.58	-23.27	34.26	28.59	54.00	14.42	V
5350.600	42.25	-22.29	34.34	30.20	54.00	11.75	V
11000.000	31.18	-29.87	38.00	23.05	54.00	22.82	V
15810.400	34.95	-24.12	40.47	18.60	54.00	19.05	H
17751.200	37.41	-22.30	41.55	18.16	54.00	16.59	H
17881.600	37.45	-22.58	41.52	18.51	54.00	16.55	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)
5350.000	45.63	-22.29	34.34	33.58	54.00	8.37	V
5351.400	45.43	-22.29	34.34	33.38	54.00	8.57	V
10620.000	30.21	-29.20	37.85	21.55	54.00	23.79	H
15930.400	35.06	-23.88	40.62	18.32	54.00	18.94	H
17756.000	37.36	-22.31	41.55	18.12	54.00	16.64	H
17884.800	37.40	-22.59	41.52	18.46	54.00	16.60	V

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)
5457.400	42.45	-22.70	34.38	30.76	54.00	11.55	V
5459.900	43.31	-22.69	34.38	31.62	54.00	10.69	V
11020.000	30.62	-29.83	38.01	22.45	54.00	23.38	V
17736.800	37.19	-22.26	41.55	17.91	54.00	16.81	H
17832.800	37.18	-22.48	41.53	18.13	54.00	16.82	V
17914.400	37.45	-22.65	41.52	18.58	54.00	16.55	V

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)
5351.600	38.39	-22.29	34.34	26.34	54.00	15.61	V
5399.200	38.22	-22.31	34.36	26.17	54.00	15.78	V
11180.000	30.04	-30.45	38.07	22.41	54.00	23.96	H
17725.600	37.09	-22.24	41.55	17.77	54.00	16.91	H
17826.400	37.14	-22.47	41.53	18.07	54.00	16.86	V
17909.600	37.47	-22.64	41.52	18.59	54.00	16.53	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)
5381.800	37.92	-22.29	34.35	25.85	48.30	10.38	V
5451.200	37.51	-22.70	34.38	25.83	48.30	10.79	V
11340.000	30.53	-30.03	38.14	22.42	48.30	17.77	V
17836.800	37.17	-22.49	41.53	18.13	48.30	11.13	V
17918.400	37.43	-22.66	41.52	18.57	48.30	10.87	H

17954.400	37.27	-22.73	41.51	18.49	48.30	11.03	H
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Channel 142

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)
5398.700	38.44	-22.31	34.36	26.39	48.30	9.86	V
5442.800	38.25	-22.65	34.38	26.52	48.30	10.05	V
11420.000	31.51	-29.59	38.17	22.94	48.30	16.79	V
16146.400	36.08	-23.30	40.94	18.45	48.30	12.22	H
17761.600	37.34	-22.32	41.55	18.11	48.30	10.96	V
17918.400	37.84	-22.66	41.52	18.99	48.30	10.46	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)
5148.300	49.61	-23.28	34.32	38.56	54.00	4.39	V
5150.000	49.82	-23.27	34.32	38.76	54.00	4.18	V
10880.000	31.87	-29.88	37.83	23.92	54.00	22.13	H
15630.400	35.28	-24.54	40.36	19.46	54.00	18.72	H
17856.800	37.84	-22.53	41.27	19.10	54.00	16.16	V
17929.600	38.38	-22.68	41.29	19.78	54.00	15.62	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)
5353.600	49.30	-22.29	34.49	37.10	54.00	4.70	V
5350.150	49.30	-22.29	34.48	37.11	54.00	4.70	V
11008.000	32.21	-29.86	37.91	24.16	54.00	21.79	V
15870.400	35.71	-24.00	40.65	19.07	54.00	18.29	V
17756.800	37.88	-22.31	41.25	18.94	54.00	16.12	V
17884.000	37.98	-22.59	41.28	19.29	54.00	16.02	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)
5456.600	48.91	-22.70	34.57	37.04	54.00	5.09	V
5459.500	48.96	-22.69	34.57	37.09	54.00	5.04	V
11060.000	30.72	-29.86	37.97	22.61	54.00	23.28	H
17775.200	36.98	-22.35	41.26	18.08	54.00	17.02	H

17834.400	37.29	-22.48	41.27	18.51	54.00	16.71	V
17921.600	37.58	-22.66	41.28	18.96	54.00	16.42	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)
5462.500	39.90	-22.69	34.57	28.01	54.00	14.10	V
5459.500	39.57	-22.69	34.57	27.70	54.00	14.43	V
11220.000	30.30	-30.41	38.17	22.54	54.00	23.70	V
17800.000	36.99	-22.41	41.26	18.14	54.00	17.01	V
17906.400	37.58	-22.63	41.28	18.93	54.00	16.43	H
17936.800	37.60	-22.69	41.29	19.00	54.00	16.40	V

Channel 138

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)
5353.600	38.56	-22.29	34.49	26.37	54.00	15.44	V
5362.800	38.55	-22.29	34.49	26.34	54.00	15.45	V
11380.000	31.44	-29.84	38.36	22.92	54.00	22.56	H
16155.200	36.02	-23.29	40.99	18.32	54.00	17.98	V
17768.000	37.37	-22.34	41.25	18.45	54.00	16.63	H
17907.200	37.85	-22.63	41.28	19.20	54.00	16.15	V

PEAK 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)
5149.153	49.49	-23.27	34.26	38.50	74.00	24.51	V
5149.905	71.07	-23.27	34.26	60.08	74.00	2.93	V
10360.000	46.11	-29.67	37.63	38.15	68.30	22.19	V
15540.000	53.04	-24.49	40.15	37.37	74.00	20.96	H
17077.650	56.80	-23.04	42.11	37.72	68.30	11.51	H
16819.150	57.59	-23.00	41.95	38.64	68.30	10.71	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)
5097.400	53.04	-23.45	34.24	42.25	74.00	20.96	V
5276.600	55.00	-22.89	34.31	43.58	68.30	13.30	V
10400.000	46.79	-29.32	37.68	38.42	68.30	21.51	V
15600.000	52.54	-24.52	40.22	36.84	74.00	21.46	H
16602.450	56.25	-23.33	41.65	37.93	68.30	12.05	V
17065.000	56.37	-23.03	42.12	37.28	68.30	11.93	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)
5174.800	53.80	-23.21	34.27	42.73	68.30	14.50	V
5312.800	46.39	-22.53	34.33	34.60	68.30	21.91	V
10480.000	45.84	-29.57	37.78	37.64	68.30	22.45	H
15720.000	52.95	-24.36	40.37	36.94	74.00	21.05	V
16815.300	56.13	-23.00	41.94	37.18	68.30	12.17	V
17492.350	57.29	-22.95	41.61	38.63	68.30	11.01	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)
5186.200	52.32	-23.18	34.28	41.23	74.00	21.68	V
5330.400	52.60	-22.39	34.33	40.66	74.00	21.40	V
10520.000	44.07	-29.65	37.81	35.91	68.30	24.23	H
15780.000	52.11	-24.20	40.44	35.87	74.00	21.89	H
16966.550	56.00	-23.01	42.15	36.86	68.30	12.30	H
17486.300	56.34	-22.99	41.62	37.71	68.30	11.96	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)
5212.400	52.02	-23.29	34.29	41.02	68.30	16.28	V
5340.000	53.77	-22.32	34.34	41.75	68.30	14.53	V
10560.150	43.33	-29.45	37.82	34.95	68.30	24.97	V
15840.150	51.26	-24.06	40.51	34.81	74.00	22.74	H
16829.600	55.45	-23.00	41.96	36.48	68.30	12.85	V
17261.350	56.37	-22.81	41.88	37.29	68.30	11.93	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)
5351.311	67.97	-22.29	34.34	55.92	74.00	6.03	V
5353.620	66.69	-22.29	34.34	54.64	74.00	7.31	V
10639.900	45.24	-29.30	37.86	36.69	68.30	23.06	H
15960.050	52.32	-23.82	40.65	35.48	74.00	21.68	V
16815.850	56.14	-23.00	41.94	37.20	68.30	12.16	H
17095.250	55.43	-23.04	42.08	36.38	68.30	12.87	V

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)
5453.185	61.15	-22.70	34.38	49.47	74.00	12.85	V
5459.906	61.34	-22.69	34.38	49.65	74.00	12.66	V
11000.150	45.60	-29.87	38.00	37.47	74.00	28.40	V
16500.150	53.81	-23.16	41.50	35.48	68.30	14.49	V
17085.900	56.79	-23.04	42.10	37.73	68.30	11.51	H
17413.700	56.78	-23.07	41.70	38.15	68.30	11.52	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)
5561.000	54.66	-22.61	34.51	42.75	68.30	13.64	V
5638.600	54.78	-22.84	34.66	42.97	68.30	13.52	V
11199.800	44.49	-30.43	38.08	36.84	74.00	29.50	V
16799.900	54.15	-23.00	41.92	35.23	68.30	14.15	H
17023.750	56.98	-23.03	42.17	37.84	68.30	11.32	H
17199.750	57.02	-22.91	41.96	37.96	68.30	11.28	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)
5725.038	66.74	-22.97	34.81	54.90	68.30	1.56	V
5725.750	66.58	-22.98	34.82	54.74	68.30	1.72	V
11400.000	47.04	-29.72	38.16	38.60	74.00	26.96	H
16970.400	56.83	-23.02	42.16	37.69	68.30	11.47	H
17100.200	54.18	-23.04	42.08	35.14	68.30	14.12	V
17595.750	57.91	-22.27	41.58	38.60	68.30	10.38	H

Channel 144

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)
5655.800	54.10	-22.84	34.69	42.25	68.30	14.20	V
5803.200	54.08	-22.74	34.96	41.86	68.30	14.22	V
11440.150	45.05	-29.46	38.18	36.33	74.00	28.95	V
17160.150	54.41	-22.97	42.01	35.38	68.30	13.89	H
17393.900	56.68	-23.03	41.73	37.98	68.30	11.62	H
17502.250	56.54	-22.89	41.60	37.83	68.30	11.76	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)
5147.752	71.80	-23.28	34.26	60.82	74.00	2.20	V
5149.257	69.21	-23.27	34.26	58.23	74.00	4.79	V
10360.000	31.52	-29.67	37.63	23.56	68.30	36.78	H
15540.000	34.92	-24.49	40.15	19.26	74.00	39.08	H
16815.300	56.13	-23.00	41.94	37.18	68.30	12.17	V
17492.350	57.29	-22.95	41.61	38.63	68.30	11.01	V

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)
5141.000	56.37	-23.30	34.26	45.41	68.30	11.93	V
5269.200	56.65	-22.98	34.31	45.32	68.30	11.65	V
10400.000	46.55	-29.32	37.68	38.18	68.30	21.75	H
15600.000	52.97	-24.52	40.22	37.27	74.00	21.03	H
16959.400	56.24	-23.01	42.14	37.11	68.30	12.06	H
17591.900	56.08	-22.29	41.58	36.79	68.30	12.22	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)
5191.000	60.31	-23.20	34.28	49.23	74.00	13.69	V
5290.400	65.89	-22.71	34.32	54.28	74.00	8.11	V
10480.000	45.85	-29.57	37.78	37.64	68.30	22.45	V
15720.000	52.91	-24.36	40.37	36.90	74.00	21.09	V
16818.000	56.05	-23.00	41.95	37.10	68.30	12.25	V

16993.500	56.97	-23.02	42.19	37.80	68.30	11.33	V
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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)
5197.000	54.95	-23.23	34.28	43.90	74.00	19.05	V
5321.800	55.34	-22.46	34.33	43.48	74.00	18.66	V
10520.000	44.07	-29.65	37.81	35.91	68.30	24.23	V
15780.200	52.11	-24.20	40.44	35.87	74.00	21.89	V
16966.550	56.00	-23.01	42.15	36.86	68.30	12.30	H
17486.300	56.34	-22.99	41.62	37.71	68.30	11.96	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)
5180.900	53.06	-23.19	34.27	41.98	68.30	15.24	V
5349.500	55.81	-22.29	34.34	43.76	68.30	12.49	V
10560.150	43.55	-29.45	37.82	35.17	68.30	24.75	V
15840.150	52.73	-24.06	40.51	36.28	74.00	21.27	H
17099.650	56.29	-23.04	42.08	37.25	68.30	12.01	V
17572.650	55.94	-22.42	41.59	36.78	68.30	12.36	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)
5350.583	70.09	-22.29	34.34	58.04	74.00	3.91	V
5350.016	70.55	-22.29	34.34	58.50	74.00	3.45	V
10639.900	43.87	-29.30	37.86	35.31	68.30	24.43	H
15960.050	52.19	-23.82	40.65	35.35	74.00	21.81	H
17120.000	55.98	-23.03	42.05	36.96	68.30	12.32	V
17584.750	57.03	-22.34	41.58	37.78	68.30	11.27	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)
5456.830	58.73	-22.70	34.38	47.04	74.00	15.27	V
5458.120	60.18	-22.69	34.38	48.49	74.00	13.82	V
11000.150	44.92	-29.87	38.00	36.80	74.00	29.08	H
16435.800	56.84	-23.08	41.40	38.53	68.30	11.46	H
16500.150	54.37	-23.16	41.50	36.04	68.30	13.93	H
16971.500	56.52	-23.02	42.16	37.37	68.30	11.78	V

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)
5536.800	52.77	-22.62	34.47	40.92	68.30	15.53	V
5668.400	53.16	-22.84	34.71	41.28	68.30	15.14	V
11199.800	44.97	-30.43	38.08	37.31	74.00	29.03	H
16799.900	55.20	-23.00	41.92	36.28	68.30	13.10	H
16909.900	56.71	-23.01	42.08	37.64	68.30	11.59	H
17291.600	56.37	-22.78	41.85	37.30	68.30	11.93	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)
5728.062	67.63	-22.98	34.82	55.80	68.30	0.67	V
5729.100	66.35	-22.98	34.82	54.51	68.30	1.95	V
11400.000	45.20	-29.72	38.16	36.76	74.00	28.80	H
16923.650	56.43	-23.01	42.09	37.35	68.30	11.87	H
17100.200	53.66	-23.04	42.08	34.62	68.30	14.64	H
17124.950	56.41	-23.02	42.05	37.39	68.30	11.89	V

Channel 144

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)
5671.000	55.53	-22.84	34.72	43.65	68.30	12.77	V
5760.200	56.97	-22.92	34.88	45.01	68.30	11.33	V
11440.150	45.74	-29.46	38.18	37.03	74.00	28.26	H
17084.250	56.31	-23.04	42.10	37.24	68.30	11.99	V
17160.150	53.78	-22.97	42.01	34.74	68.30	14.52	H



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17471.450	56.40	-23.09	41.63	37.85	68.30	11.90	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)
5144.252	71.73	-23.29	34.26	60.76	74.00	2.27	V
5145.775	72.74	-23.28	34.26	61.76	74.00	1.26	V
10380.000	45.94	-29.49	37.66	37.78	68.30	22.36	V
15570.000	52.39	-24.50	40.19	36.71	74.00	21.61	V
16990.750	55.96	-23.02	42.19	36.79	68.30	12.34	V
17527.550	56.00	-22.72	41.59	37.13	68.30	12.30	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)
5126.400	53.11	-23.34	34.25	42.20	74.00	20.89	V
5389.400	53.06	-22.29	34.36	40.99	74.00	20.94	V
10460.000	46.04	-29.49	37.75	37.77	68.30	22.26	H
15690.000	52.83	-24.44	40.33	36.94	74.00	21.17	H
16892.850	56.26	-23.01	42.05	37.22	68.30	12.04	V
17462.650	55.93	-23.15	41.64	37.44	68.30	12.37	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)
5186.230	57.34	-23.18	34.28	46.25	68.30	10.96	V
5351.650	58.48	-22.29	34.34	46.43	68.30	9.82	V
10539.800	43.83	-29.55	37.82	35.56	68.30	24.47	V
15809.900	52.21	-24.12	40.47	35.86	74.00	21.79	H
16850.500	56.42	-23.00	41.99	37.43	68.30	11.88	H
17388.400	56.13	-23.01	41.73	37.41	68.30	12.17	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)
5350.920	70.53	-22.29	34.34	58.48	74.00	3.47	V
5350.115	70.53	-22.29	34.34	58.48	74.00	3.47	V
10620.100	44.78	-29.20	37.85	36.13	74.00	29.22	H
15929.800	52.07	-23.88	40.62	35.33	74.00	21.93	V
16930.800	56.24	-23.01	42.10	37.14	68.30	12.06	H
17585.850	57.56	-22.33	41.58	38.31	68.30	10.74	V

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)
5454.415	64.76	-22.70	34.38	53.08	74.00	9.24	V
5458.435	64.37	-22.69	34.38	52.68	74.00	9.63	V
11019.950	46.84	-29.83	38.01	38.67	74.00	27.16	H
16529.850	55.48	-23.21	41.54	37.14	68.30	12.82	V
17005.050	56.65	-23.02	42.19	37.48	68.30	11.65	V
17606.200	57.31	-22.20	41.58	37.93	68.30	10.99	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)
5523.800	57.06	-22.62	34.44	45.24	68.30	11.24	V
5668.500	57.34	-22.84	34.71	45.46	68.30	10.96	V
11180.000	44.59	-30.45	38.07	36.96	74.00	29.41	V
16770.200	54.01	-23.01	41.88	35.14	68.30	14.29	V
16969.300	56.11	-23.02	42.16	36.97	68.30	12.19	V
17098.550	56.44	-23.04	42.08	37.40	68.30	11.86	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)
5725.363	64.77	-22.98	34.82	52.93	68.30	3.53	V
5725.688	64.52	-22.98	34.82	52.68	68.30	3.78	V
11340.050	45.41	-30.03	38.14	37.30	74.00	28.59	H
17010.000	55.25	-23.02	42.19	36.08	68.30	13.05	V
17071.600	55.23	-23.03	42.11	36.15	68.30	13.07	H
17160.150	56.31	-22.97	42.01	37.27	68.30	11.99	V

Channel 142

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)
5632.000	55.25	-22.84	34.65	43.45	68.30	13.05	V
5773.400	57.13	-22.90	34.90	45.12	68.30	11.17	V
11419.800	46.02	-29.59	38.17	37.44	74.00	27.98	H
16962.150	57.86	-23.01	42.15	38.72	68.30	10.44	H
17129.900	54.29	-23.02	42.04	35.27	68.30	14.01	H
17445.050	57.14	-23.15	41.67	38.63	68.30	11.16	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)
5145.985	66.66	-23.28	34.26	55.68	74.00	7.34	V
5147.788	67.56	-23.28	34.26	56.57	74.00	6.44	V
10360.000	46.13	-29.67	37.63	38.16	68.30	22.17	H
15540.000	53.07	-24.49	40.15	37.41	74.00	20.93	V
16867.550	55.87	-23.00	42.02	36.86	68.30	12.43	V
17032.550	56.36	-23.03	42.16	37.23	68.30	11.94	V

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)
5146.400	55.60	-23.28	34.26	44.62	74.00	18.40	V
5256.600	56.81	-23.14	34.31	45.64	68.30	11.49	V
10400.000	46.31	-29.32	37.68	37.95	68.30	21.99	V
15600.000	52.62	-24.52	40.22	36.92	74.00	21.38	V
16921.450	56.43	-23.01	42.09	37.35	68.30	11.87	V
17114.500	56.22	-23.04	42.06	37.20	68.30	12.08	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)
5175.000	53.92	-23.21	34.27	42.86	68.30	14.38	V
5302.600	55.77	-22.62	34.32	44.07	68.30	12.53	V
10480.000	45.83	-29.57	37.78	37.62	68.30	22.47	H
15720.000	52.32	-24.36	40.37	36.31	74.00	21.68	V
16879.100	55.53	-23.00	42.03	36.51	68.30	12.77	V
17220.100	56.64	-22.87	41.93	37.58	68.30	11.66	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)
5169.400	53.18	-23.22	34.27	42.13	74.00	20.82	V
5350.000	54.00	-22.29	34.34	41.95	74.00	20.00	V
10520.000	44.00	-29.65	37.81	35.84	68.30	24.30	H
15780.200	52.67	-24.20	40.44	36.43	74.00	21.33	H
17062.800	55.66	-23.03	42.12	36.57	68.30	12.64	H
17475.850	55.63	-23.06	41.63	37.06	68.30	12.67	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)
5184.600	53.19	-23.18	34.28	42.10	68.30	15.11	V
5345.200	56.78	-22.29	34.34	44.73	68.30	11.52	V
10560.150	44.02	-29.45	37.82	35.64	68.30	24.28	V
15840.150	51.37	-24.06	40.51	34.92	74.00	22.63	V
16929.700	55.56	-23.01	42.10	36.46	68.30	12.74	H
17297.100	56.86	-22.80	41.84	37.81	68.30	11.44	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)
5350.299	71.38	-22.29	34.34	59.33	74.00	2.62	V
5350.704	72.51	-22.29	34.34	60.46	74.00	1.49	V
11059.500	44.76	-29.86	38.02	36.60	74.00	29.24	V
15960.050	51.92	-23.82	40.65	35.09	74.00	22.08	V
17192.050	55.65	-22.92	41.97	36.60	68.30	12.65	H
17588.050	55.46	-22.32	41.58	36.20	68.30	12.84	V

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)
5458.400	39.16	-22.69	34.38	27.47	74.00	34.84	V
5460.000	39.54	-22.69	34.38	27.84	74.00	34.46	V
11199.800	46.09	-30.43	38.08	38.43	74.00	27.91	V
16799.900	53.01	-23.00	41.92	34.09	68.30	15.29	V
17028.150	56.90	-23.03	42.17	37.76	68.30	11.40	H
17600.150	56.94	-22.24	41.58	37.59	68.30	11.37	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)
5551.000	54.12	-22.61	34.50	42.24	68.30	14.18	V
5643.400	55.51	-22.84	34.67	43.68	68.30	12.79	V
11199.800	45.61	-30.43	38.08	37.96	74.00	28.39	H
16799.900	54.57	-23.00	41.92	35.64	68.30	13.73	H
16888.450	56.53	-23.01	42.05	37.49	68.30	11.77	V
17215.700	56.84	-22.88	41.94	37.78	68.30	11.46	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)
5725.087	65.71	-22.97	34.81	53.87	68.30	2.59	V
5725.375	66.11	-22.98	34.82	54.28	68.30	2.19	V
11400.000	46.70	-29.72	38.16	38.26	74.00	27.30	H
16914.300	57.21	-23.01	42.08	38.13	68.30	11.09	H
17100.200	53.61	-23.04	42.08	34.57	68.30	14.69	H
17649.100	57.48	-22.06	41.57	37.97	68.30	10.82	V

Channel 144

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)
5674.500	55.82	-22.84	34.72	43.94	68.30	12.48	V
5765.300	55.55	-22.91	34.89	43.57	68.30	12.75	V
11440.150	45.90	-29.46	38.18	37.19	74.00	28.10	H
17160.150	54.65	-22.97	42.01	35.61	68.30	13.65	V
17195.350	56.51	-22.91	41.96	37.46	68.30	11.79	H
17499.500	56.67	-22.91	41.60	37.97	68.30	11.63	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)
5147.595	69.97	-23.28	34.26	58.99	74.00	4.03	V
5149.135	71.21	-23.27	34.26	60.22	74.00	2.79	V
10380.000	45.95	-29.49	37.66	37.79	68.30	22.35	V
15570.000	53.34	-24.50	40.19	37.66	74.00	20.66	H
16836.200	55.56	-23.00	41.97	36.59	68.30	12.74	H
17245.950	56.41	-22.83	41.90	37.34	68.30	11.89	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)
5157.000	53.46	-23.25	34.26	42.45	68.30	14.84	V
5343.200	52.26	-22.29	34.34	40.21	68.30	16.04	V
10460.000	46.38	-29.49	37.75	38.11	68.30	21.93	V
15690.000	53.36	-24.44	40.33	37.47	74.00	20.64	V
16942.900	55.96	-23.01	42.12	36.85	68.30	12.34	H
17245.950	56.41	-22.83	41.90	37.34	68.30	11.89	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)
5176.600	54.75	-23.20	34.27	43.68	68.30	13.55	V
5358.000	59.23	-22.29	34.35	47.18	74.00	14.77	V
10539.800	43.76	-29.55	37.82	35.49	68.30	24.54	V
15809.900	50.38	-24.12	40.47	34.03	74.00	23.62	V
16765.250	55.09	-23.02	41.87	36.24	68.30	13.21	V
17192.600	55.67	-22.92	41.97	36.62	68.30	12.63	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)
5350.096	69.23	-22.29	34.34	57.18	74.00	4.77	V
5350.353	69.30	-22.29	34.34	57.25	74.00	4.70	V
10620.100	43.46	-29.20	37.85	34.80	74.00	30.54	V
15929.800	52.11	-23.88	40.62	35.37	74.00	21.89	V
16911.000	56.33	-23.01	42.08	37.26	68.30	11.97	V
17561.100	56.71	-22.50	41.59	37.62	68.30	11.59	V

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)
5458.150	63.84	-22.69	34.38	52.15	74.00	10.16	V
5458.990	62.87	-22.69	34.38	51.18	74.00	11.13	V
11019.950	45.21	-29.83	38.01	37.03	74.00	28.79	H
16529.850	53.04	-23.21	41.54	34.71	68.30	15.26	V
16707.500	55.72	-23.14	41.79	37.07	68.30	12.58	V
17084.800	56.05	-23.04	42.10	36.99	68.30	12.25	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)
5522.600	55.89	-22.62	34.44	44.07	68.30	12.41	V
5651.400	59.04	-22.84	34.68	47.20	68.30	9.26	V
11180.000	45.47	-30.45	38.07	37.85	68.30	22.83	V
16770.200	53.48	-23.01	41.88	34.61	68.30	14.82	H
16895.600	56.65	-23.01	42.06	37.60	68.30	11.65	H
17028.150	55.23	-23.03	42.17	36.09	68.30	13.07	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)
5726.170	61.84	-22.98	34.82	50.00	68.30	6.46	V
5726.438	62.45	-22.98	34.82	50.61	68.30	5.85	V
11340.000	45.95	-30.03	38.14	37.84	74.00	28.05	H
17010.000	54.65	-23.02	42.19	35.49	68.30	13.65	H
17134.300	55.79	-23.01	42.04	36.77	68.30	12.51	V
17360.350	55.67	-22.95	41.77	36.85	68.30	12.63	H

Channel 142

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)
5650.200	58.14	-22.84	34.68	46.30	68.30	10.16	V
5778.600	56.56	-22.89	34.91	44.54	68.30	11.74	V
11419.800	45.78	-29.59	38.17	37.21	74.00	28.21	V
16944.550	57.20	-23.01	42.12	38.09	68.30	11.10	H
17129.900	54.66	-23.02	42.04	35.64	68.30	13.64	V
17550.650	56.53	-22.57	41.59	37.50	68.30	11.77	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)
5142.432	72.32	-23.29	34.32	61.29	74.00	1.68	V
5148.890	72.90	-23.27	34.32	61.85	74.00	1.10	V
10420.100	46.52	-29.32	37.54	38.30	68.30	21.78	V
15630.050	50.76	-24.54	40.36	34.94	68.30	17.54	H
16759.750	56.31	-23.03	41.56	37.79	68.30	11.99	H
16920.350	56.70	-23.01	41.65	38.05	68.30	11.60	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)
5352.351	72.36	-22.29	34.49	60.17	74.00	1.64	V
5352.931	72.35	-22.29	34.49	60.16	74.00	1.65	V
10579.900	45.08	-29.35	37.65	36.78	68.30	23.22	V
15869.580	54.46	-24.00	40.65	37.81	68.30	13.84	V
16871.400	56.46	-23.00	41.62	37.84	68.30	11.84	H
17170.050	56.30	-22.95	41.53	37.72	68.30	12.00	V

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)
5457.805	73.46	-22.70	34.57	61.59	74.00	0.54	V
5453.290	73.86	-22.70	34.56	61.99	74.00	0.14	V
11060.100	44.76	-29.86	37.97	36.65	74.00	29.24	V
16589.800	52.78	-23.31	41.45	34.64	68.30	15.52	V
17011.100	56.00	-23.02	41.69	37.33	68.30	12.30	V
17260.800	56.11	-22.81	41.44	37.48	68.30	12.19	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)
5725.125	62.13	-22.97	34.88	50.23	68.30	6.17	V
5728.375	62.52	-22.98	34.88	50.62	68.30	5.78	V
11220.150	45.30	-30.41	38.17	37.54	74.00	28.70	H
16830.150	54.00	-23.00	41.60	35.40	68.30	14.30	H
16953.350	55.32	-23.01	41.67	36.66	68.30	12.98	H
17275.650	55.00	-22.78	41.42	36.36	68.30	13.30	V

Channel 138

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)
5536.800	56.64	-22.62	34.65	44.61	68.30	11.66	V
5821.060	55.54	-22.61	34.99	43.15	68.30	12.76	V
11380.200	45.42	-29.84	38.36	36.91	74.00	28.58	H
17011.650	56.66	-23.02	41.69	37.99	68.30	11.64	H
17049.600	57.04	-23.03	41.65	38.42	68.30	11.26	V
17069.950	54.41	-23.03	41.63	35.81	68.30	13.89	V

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 (dBμV)	Result (dBμV)		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 (dBμV)	Result (dBμV)		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: