802.11n-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17839.400	43.09	-25.50	46.66	21.93	54.00	10.91	H
17938.400	42.63	-25.50	46.66	21.47	54.00	11.37	V
15955.100	42.15	-27.35	38.54	30.96	54.00	11.85	V
16044.750	41.93	-27.35	38.54	30.74	54.00	12.07	H
11983.550	37.14	-31.48	39.09	29.53	54.00	16.86	V
11723.950	36.80	-31.99	38.98	29.81	54.00	17.20	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17951.600	43.32	-25.50	46.66	22.16	54.00	10.68	H
17839.400	42.93	-25.50	46.66	21.77	54.00	11.07	H
15962.250	41.84	-27.35	38.54	30.65	54.00	12.16	H
16042.550	41.74	-27.35	38.54	30.55	54.00	12.26	H
11856.500	37.23	-31.85	39.05	30.03	54.00	16.77	V
11833.950	37.17	-31.85	39.05	29.97	54.00	16.83	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17865.800	43.01	-25.50	46.66	21.85	54.00	10.99	H
17941.150	42.83	-25.50	46.66	21.67	54.00	11.17	V
15999.100	41.58	-27.35	38.54	30.39	54.00	12.42	H
15954.000	41.52	-27.35	38.54	30.33	54.00	12.48	H
11991.250	37.06	-31.48	39.09	29.45	54.00	16.94	V
11735.500	37.05	-31.99	38.98	30.06	54.00	16.95	H

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802.11n-HT40

Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	43.42	-25.50	46.66	22.26	54.00	10.58	H
17882.300	42.86	-25.50	46.66	21.70	54.00	11.14	H
16033.750	42.15	-27.35	38.54	30.96	54.00	11.85	V
16027.700	41.90	-27.35	38.54	30.71	54.00	12.10	H
11990.700	37.16	-31.48	39.09	29.55	54.00	16.84	V
11860.350	36.77	-31.85	39.05	29.57	54.00	17.23	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.500	43.33	-25.50	46.66	22.17	54.00	10.67	H
17949.400	42.93	-25.50	46.66	21.77	54.00	11.07	V
15947.950	41.66	-27.35	38.54	30.47	54.00	12.34	H
16005.150	41.65	-27.35	38.54	30.46	54.00	12.35	H
11969.250	37.15	-31.48	39.09	29.54	54.00	16.85	H
11949.450	37.07	-31.48	39.09	29.46	54.00	16.93	H

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802.11ac-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17870.750	43.30	-25.50	46.66	22.14	54.00	10.70	V
17865.800	42.80	-25.50	46.66	21.64	54.00	11.20	H
15939.150	42.37	-27.35	38.54	31.18	54.00	11.63	H
15954.000	41.93	-27.35	38.54	30.74	54.00	12.07	V
11970.350	37.05	-31.48	39.09	29.44	54.00	16.95	V
11763.000	37.03	-31.99	38.98	30.04	54.00	16.97	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17934.550	42.78	-25.50	46.66	21.62	54.00	11.22	V
17931.800	42.73	-25.50	46.66	21.57	54.00	11.27	V
16030.450	41.83	-27.35	38.54	30.64	54.00	12.17	V
16000.750	41.81	-27.35	38.54	30.62	54.00	12.19	V
11999.500	36.91	-31.48	39.09	29.30	54.00	17.09	V
11945.050	36.81	-31.48	39.09	29.20	54.00	17.19	H

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17934.550	42.56	-25.50	46.66	21.40	54.00	11.44	H
17957.650	42.52	-25.50	46.66	21.36	54.00	11.48	H
15891.300	41.88	-26.97	38.48	30.37	54.00	12.12	V
15966.650	41.78	-27.35	38.54	30.59	54.00	12.22	V
11973.100	37.24	-31.48	39.09	29.63	54.00	16.76	V
11942.850	37.09	-31.48	39.09	29.48	54.00	16.91	H

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	42.89	-25.50	46.66	21.73	54.00	11.11	V
17920.250	42.80	-25.50	46.66	21.64	54.00	11.20	V
15999.100	41.70	-27.35	38.54	30.51	54.00	12.30	H
16035.400	41.60	-27.35	38.54	30.41	54.00	12.40	H
11763.000	36.97	-31.99	38.98	29.98	54.00	17.03	H
11991.250	36.91	-31.48	39.09	29.30	54.00	17.09	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.950	42.75	-25.50	46.66	21.59	54.00	11.25	V
17835.000	42.72	-25.50	46.66	21.56	54.00	11.28	V
15860.500	41.86	-26.97	38.48	30.35	54.00	12.14	H
15959.500	41.67	-27.35	38.54	30.48	54.00	12.33	H
11939.000	37.13	-31.48	39.09	29.52	54.00	16.87	H
11941.200	36.89	-31.48	39.09	29.28	54.00	17.11	V

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Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17986.250	43.28	-25.50	46.66	22.12	54.00	10.72	H
17974.150	42.74	-25.50	46.66	21.58	54.00	11.26	H
15959.500	41.98	-27.35	38.54	30.79	54.00	12.02	V
16016.150	41.85	-27.35	38.54	30.66	54.00	12.15	V
11768.500	37.56	-31.99	38.98	30.57	54.00	16.44	V
7685.850	37.24	-34.66	36.92	34.98	54.00	16.76	H

802.11ac-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.500	43.33	-25.50	46.66	22.17	54.00	10.67	H
17949.400	42.93	-25.50	46.66	21.77	54.00	11.07	V
15947.950	41.66	-27.35	38.54	30.47	54.00	12.34	H
16005.150	41.65	-27.35	38.54	30.46	54.00	12.35	H
11969.250	37.15	-31.48	39.09	29.54	54.00	16.85	H
11949.450	37.07	-31.48	39.09	29.46	54.00	16.93	H

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	43.02	-25.50	46.66	21.86	54.00	10.98	V
17940.600	42.89	-25.50	46.66	21.73	54.00	11.11	H
15971.600	41.71	-27.35	38.54	30.52	54.00	12.29	H
15987.550	41.58	-27.35	38.54	30.39	54.00	12.42	H
11976.400	37.20	-31.48	39.09	29.59	54.00	16.80	V
11837.250	37.03	-31.85	39.05	29.83	54.00	16.97	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17868.550	43.02	-25.50	46.66	21.86	54.00	10.98	H
17826.200	42.69	-25.50	46.66	21.53	54.00	11.31	H
15939.150	42.08	-27.35	38.54	30.89	54.00	11.92	H
16153.650	41.77	-26.77	38.93	29.61	54.00	12.23	V
11989.600	37.03	-31.48	39.09	29.42	54.00	16.97	V
11770.150	36.91	-31.99	38.98	29.92	54.00	17.09	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17982.950	42.87	-25.50	46.66	21.71	54.00	11.13	V
17935.650	42.69	-25.50	46.66	21.53	54.00	11.31	V
16038.700	42.29	-27.35	38.54	31.10	54.00	11.71	H
15955.100	41.92	-27.35	38.54	30.73	54.00	12.08	H
11997.300	37.43	-31.48	39.09	29.82	54.00	16.57	V
11991.250	36.93	-31.48	39.09	29.32	54.00	17.07	V

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.750	42.97	-25.50	46.66	21.81	54.00	11.03	V
17953.800	42.61	-25.50	46.66	21.45	54.00	11.39	V
15984.250	41.75	-27.35	38.54	30.56	54.00	12.25	V
15964.450	41.62	-27.35	38.54	30.43	54.00	12.38	V
8089.000	39.27	-34.58	37.33	36.52	54.00	14.73	V
8089.550	38.09	-34.58	37.33	35.34	54.00	15.91	V

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17842.700	42.94	-25.50	46.66	21.78	54.00	11.06	H
17941.150	42.86	-25.50	46.66	21.70	54.00	11.14	V
15922.650	42.20	-27.35	38.54	31.01	54.00	11.80	H
15954.000	41.79	-27.35	38.54	30.60	54.00	12.21	H
11988.500	37.17	-31.48	39.09	29.56	54.00	16.83	H
11989.600	36.98	-31.48	39.09	29.37	54.00	17.02	H

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802.11ax-HT80

Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17820.150	42.73	-25.50	46.66	21.57	54.00	11.27	V
17976.900	42.54	-25.50	46.66	21.38	54.00	11.46	V
16040.900	41.71	-27.35	38.54	30.52	54.00	12.29	V
16051.900	41.69	-27.35	38.54	30.50	54.00	12.31	H
8192.950	38.70	-35.19	37.45	36.45	54.00	15.30	H
11739.350	37.18	-31.99	38.98	30.19	54.00	16.82	H

802.11ax-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17927.400	42.86	-25.50	46.66	21.70	54.00	11.14	V
17957.100	42.85	-25.50	46.66	21.69	54.00	11.15	V
15965.550	42.08	-27.35	38.54	30.89	54.00	11.92	V
15959.500	41.83	-27.35	38.54	30.64	54.00	12.17	V
8250.700	39.26	-34.97	37.56	36.66	54.00	14.74	H
8250.150	37.69	-34.97	37.56	35.09	54.00	16.31	H

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Peak Results:

802.11a

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17931.250	52.96	-25.50	46.66	31.80	74.00	21.04	V
17811.900	52.49	-25.50	46.66	31.33	74.00	21.51	V
16902.200	52.13	-26.32	42.36	36.08	68.20	16.07	V
16433.050	51.73	-26.96	39.82	38.87	68.20	16.47	H
11947.800	46.82	-31.48	39.09	39.21	74.00	27.18	H
11733.300	46.63	-31.99	38.98	39.64	74.00	27.37	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17959.300	52.66	-25.50	46.66	31.50	74.00	21.34	V
16656.350	52.05	-26.87	40.65	38.27	68.20	16.15	H
17941.700	52.02	-25.50	46.66	30.86	74.00	21.98	H
16820.250	51.93	-26.62	41.49	37.06	68.20	16.27	V
11992.900	46.78	-31.48	39.09	39.17	74.00	27.22	V
11841.100	46.35	-31.85	39.05	39.15	74.00	27.65	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17969.200	52.45	-25.50	46.66	31.29	74.00	21.55	H
17863.050	52.00	-25.50	46.66	30.84	74.00	22.00	H
15919.350	51.74	-27.35	38.54	40.55	74.00	22.26	H
16860.400	51.66	-26.62	41.49	36.79	68.20	16.54	H
12000.050	47.02	-31.48	39.09	39.41	74.00	26.98	H
11855.950	46.62	-31.85	39.05	39.42	74.00	27.38	V

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802.11n-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.750	52.77	-25.50	46.66	31.61	74.00	21.23	V
17959.850	52.24	-25.50	46.66	31.08	74.00	21.76	H
16423.700	51.69	-26.96	39.82	38.83	68.20	16.51	V
16841.150	51.29	-26.62	41.49	36.42	68.20	16.91	V
11690.950	46.65	-31.99	38.98	39.66	74.00	27.35	V
12000.050	46.49	-31.48	39.09	38.88	74.00	27.51	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17942.250	52.25	-25.50	46.66	31.09	74.00	21.75	H
17156.300	52.21	-26.60	43.36	35.45	68.20	15.99	H
16828.500	51.30	-26.62	41.49	36.43	68.20	16.90	H
16970.950	51.15	-26.32	42.36	35.10	68.20	17.05	H
11833.950	46.31	-31.85	39.05	39.11	74.00	27.69	V
11712.950	46.09	-31.99	38.98	39.10	74.00	27.91	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17897.700	51.85	-25.50	46.66	30.69	74.00	22.15	H
17816.850	51.79	-25.50	46.66	30.63	74.00	22.21	H
16030.450	51.35	-27.35	38.54	40.16	74.00	22.65	V
15914.400	51.16	-27.35	38.54	39.97	74.00	22.84	H
11975.300	46.83	-31.48	39.09	39.22	74.00	27.17	H
11857.050	46.78	-31.85	39.05	39.58	74.00	27.22	V

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.900	52.73	-25.50	46.66	31.57	74.00	21.27	V
17329.550	52.61	-25.95	44.35	34.20	68.20	15.59	H
16631.050	52.49	-26.87	40.65	38.71	68.20	15.71	H
16541.950	51.49	-26.96	39.82	38.63	68.20	16.71	H
11859.250	46.91	-31.85	39.05	39.71	74.00	27.09	V
11285.050	46.71	-32.36	38.77	40.31	74.00	27.29	V

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17946.650	52.58	-25.50	46.66	31.42	74.00	21.42	H
17876.800	52.03	-25.50	46.66	30.87	74.00	21.97	V
16045.300	52.00	-27.35	38.54	40.81	74.00	22.00	H
16551.300	51.34	-26.87	40.65	37.56	68.20	16.86	H
11762.450	47.21	-31.99	38.98	40.22	74.00	26.79	V
11989.600	47.17	-31.48	39.09	39.56	74.00	26.83	V

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	52.51	-25.50	46.66	31.35	74.00	21.49	H
17982.400	52.45	-25.50	46.66	31.29	74.00	21.55	H
16722.350	51.57	-26.62	41.49	36.70	68.20	16.63	H
16065.650	51.27	-26.77	38.93	39.11	74.00	22.73	V
11766.300	46.56	-31.99	38.98	39.57	74.00	27.44	H
11738.800	46.55	-31.99	38.98	39.56	74.00	27.45	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	52.24	-25.50	46.66	31.08	74.00	21.76	H
17011.100	51.92	-26.32	42.36	35.87	68.20	16.28	V
16829.600	51.29	-26.62	41.49	36.42	68.20	16.91	H
16007.350	51.09	-27.35	38.54	39.90	74.00	22.91	V
11943.950	46.78	-31.48	39.09	39.17	74.00	27.22	V
11920.300	46.38	-31.48	39.09	38.77	74.00	27.62	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17922.450	51.94	-25.50	46.66	30.78	74.00	22.06	V
16634.350	51.90	-26.87	40.65	38.12	68.20	16.30	H
17876.250	51.78	-25.50	46.66	30.62	74.00	22.22	H
16494.100	51.39	-26.96	39.82	38.53	68.20	16.81	H
11875.750	46.26	-31.85	39.05	39.06	74.00	27.74	H
11776.200	46.08	-31.99	38.98	39.09	74.00	27.92	H

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17962.050	52.95	-25.50	46.66	31.79	74.00	21.05	V
17839.400	52.66	-25.50	46.66	31.50	74.00	21.34	V
16508.950	51.63	-26.96	39.82	38.77	68.20	16.57	V
16876.900	51.41	-26.32	42.36	35.36	68.20	16.79	H
11975.850	46.47	-31.48	39.09	38.86	74.00	27.53	V
11988.500	46.46	-31.48	39.09	38.85	74.00	27.54	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17910.350	52.52	-25.50	46.66	31.36	74.00	21.48	V
17927.950	52.20	-25.50	46.66	31.04	74.00	21.80	V
15896.250	51.74	-26.97	38.48	40.23	74.00	22.26	H
15925.400	51.21	-27.35	38.54	40.02	74.00	22.79	V
11798.750	46.93	-31.85	39.05	39.73	74.00	27.07	H
11983.550	46.55	-31.48	39.09	38.94	74.00	27.45	H

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Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17948.850	52.27	-25.50	46.66	31.11	74.00	21.73	H
17881.750	52.13	-25.50	46.66	30.97	74.00	21.87	V
16638.200	51.57	-26.87	40.65	37.79	68.20	16.63	H
16409.400	51.54	-26.96	39.82	38.68	68.20	16.66	H
11765.750	46.79	-31.99	38.98	39.80	74.00	27.21	V
11816.350	46.46	-31.85	39.05	39.26	74.00	27.54	V

802.11ac-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17926.300	52.64	-25.50	46.66	31.48	74.00	21.36	V
17968.100	52.13	-25.50	46.66	30.97	74.00	21.87	V
16841.700	51.50	-26.62	41.49	36.63	68.20	16.70	H
16661.300	51.44	-26.87	40.65	37.66	68.20	16.76	H
11866.400	47.22	-31.85	39.05	40.02	74.00	26.78	V
11946.700	46.63	-31.48	39.09	39.02	74.00	27.37	H

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17932.900	52.18	-25.50	46.66	31.02	74.00	21.82	H
17134.300	52.10	-26.60	43.36	35.34	68.20	16.10	V
16966.000	51.85	-26.32	42.36	35.80	68.20	16.35	V
16001.850	51.70	-27.35	38.54	40.51	74.00	22.30	H
11993.450	46.86	-31.48	39.09	39.25	74.00	27.14	V
11990.150	46.56	-31.48	39.09	38.95	74.00	27.44	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17881.750	52.86	-25.50	46.66	31.70	74.00	21.14	H
17089.200	52.60	-26.60	43.36	35.84	68.20	15.60	V
16499.050	51.91	-26.96	39.82	39.05	68.20	16.29	V
16048.600	51.21	-27.35	38.54	40.02	74.00	22.79	V
11994.000	47.94	-31.48	39.09	40.33	74.00	26.06	V
11997.850	46.49	-31.48	39.09	38.88	74.00	27.51	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.400	52.97	-25.50	46.66	31.81	74.00	21.03	H
17975.800	52.79	-25.50	46.66	31.63	74.00	21.21	V
15956.200	51.66	-27.35	38.54	40.47	74.00	22.34	V
16536.450	51.25	-26.96	39.82	38.39	68.20	16.95	H
11874.650	46.35	-31.85	39.05	39.15	74.00	27.65	H
11987.950	46.18	-31.48	39.09	38.57	74.00	27.82	V

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17842.700	52.51	-25.50	46.66	31.35	74.00	21.49	V
17902.100	52.10	-25.50	46.66	30.94	74.00	21.90	H
16177.850	52.07	-26.77	38.93	39.91	74.00	21.93	H
16584.300	50.95	-26.87	40.65	37.17	68.20	17.25	V
11729.450	46.34	-31.99	38.98	39.35	74.00	27.66	H
11801.500	46.28	-31.85	39.05	39.08	74.00	27.72	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17968.100	52.36	-25.50	46.66	31.20	74.00	21.64	V
17843.250	52.07	-25.50	46.66	30.91	74.00	21.93	H
16583.200	51.53	-26.87	40.65	37.75	68.20	16.67	V
16666.250	51.50	-26.87	40.65	37.72	68.20	16.70	V
11614.500	46.88	-32.31	38.91	40.29	74.00	27.12	H
11995.650	46.72	-31.48	39.09	39.11	74.00	27.28	V

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Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17901.000	51.96	-25.50	46.66	30.80	74.00	22.04	V
17866.350	51.86	-25.50	46.66	30.70	74.00	22.14	V
16969.850	51.68	-26.32	42.36	35.63	68.20	16.52	V
15922.100	51.46	-27.35	38.54	40.27	74.00	22.54	V
11697.550	47.25	-31.99	38.98	40.26	74.00	26.75	V
11721.750	46.72	-31.99	38.98	39.73	74.00	27.28	V

802.11ax-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	53.32	-25.50	46.66	32.16	74.00	20.68	V
17893.300	51.98	-25.50	46.66	30.82	74.00	22.02	V
15969.400	51.06	-27.35	38.54	39.87	74.00	22.94	V
16664.600	51.01	-26.87	40.65	37.23	68.20	17.19	V
11979.700	46.44	-31.48	39.09	38.83	74.00	27.56	H
11974.200	46.38	-31.48	39.09	38.77	74.00	27.62	H

Average Results:

802.11a

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17855.350	42.67	-25.50	46.66	21.51	54.00	11.33	H
17941.150	42.62	-25.50	46.66	21.46	54.00	11.38	H
15919.350	41.85	-27.35	38.54	30.66	54.00	12.15	H
15973.250	41.75	-27.35	38.54	30.56	54.00	12.25	H
11990.150	37.51	-31.48	39.09	29.90	54.00	16.49	V
11986.850	37.28	-31.48	39.09	29.67	54.00	16.72	V

Ch173

Frequency (MHz)	Meas. Result	Cable loss	Antenna Factor	Receiver Reading	Limit (dBμV/m)	Margin (dB)	Antenna Pol.

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	(dBμV/m)	(dB)	(dB/m)	(dBμV)			(H/V)
17941.150	43.21	-25.50	46.66	22.05	54.00	10.79	H
17857.550	43.03	-25.50	46.66	21.87	54.00	10.97	H
16021.650	41.90	-27.35	38.54	30.71	54.00	12.10	H
16005.150	41.89	-27.35	38.54	30.70	54.00	12.11	V
11993.450	37.28	-31.48	39.09	29.67	54.00	16.72	H
11719.550	37.08	-31.99	38.98	30.09	54.00	16.92	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17967.000	42.86	-25.50	46.66	21.70	54.00	11.14	V
17985.700	42.47	-25.50	46.66	21.31	54.00	11.53	H
15958.400	41.91	-27.35	38.54	30.72	54.00	12.09	H
16036.500	41.73	-27.35	38.54	30.54	54.00	12.27	H
11982.450	37.14	-31.48	39.09	29.53	54.00	16.86	V
11997.300	37.00	-31.48	39.09	29.39	54.00	17.00	H

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17839.400	43.09	-25.50	46.66	21.93	54.00	10.91	H
17938.400	42.63	-25.50	46.66	21.47	54.00	11.37	V
15955.100	42.15	-27.35	38.54	30.96	54.00	11.85	V
16044.750	41.93	-27.35	38.54	30.74	54.00	12.07	H
11983.550	37.14	-31.48	39.09	29.53	54.00	16.86	V
11723.950	36.80	-31.99	38.98	29.81	54.00	17.20	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17951.600	43.32	-25.50	46.66	22.16	54.00	10.68	H
17839.400	42.93	-25.50	46.66	21.77	54.00	11.07	H
15962.250	41.84	-27.35	38.54	30.65	54.00	12.16	H
16042.550	41.74	-27.35	38.54	30.55	54.00	12.26	H
11856.500	37.23	-31.85	39.05	30.03	54.00	16.77	V
11833.950	37.17	-31.85	39.05	29.97	54.00	16.83	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17865.800	43.01	-25.50	46.66	21.85	54.00	10.99	H
17941.150	42.83	-25.50	46.66	21.67	54.00	11.17	V
15999.100	41.58	-27.35	38.54	30.39	54.00	12.42	H
15954.000	41.52	-27.35	38.54	30.33	54.00	12.48	H
11991.250	37.06	-31.48	39.09	29.45	54.00	16.94	V
11735.500	37.05	-31.99	38.98	30.06	54.00	16.95	H

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	43.42	-25.50	46.66	22.26	54.00	10.58	H
17882.300	42.86	-25.50	46.66	21.70	54.00	11.14	H
16033.750	42.15	-27.35	38.54	30.96	54.00	11.85	V
16027.700	41.90	-27.35	38.54	30.71	54.00	12.10	H
11990.700	37.16	-31.48	39.09	29.55	54.00	16.84	V
11860.350	36.77	-31.85	39.05	29.57	54.00	17.23	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.500	43.33	-25.50	46.66	22.17	54.00	10.67	H
17949.400	42.93	-25.50	46.66	21.77	54.00	11.07	V
15947.950	41.66	-27.35	38.54	30.47	54.00	12.34	H
16005.150	41.65	-27.35	38.54	30.46	54.00	12.35	H
11969.250	37.15	-31.48	39.09	29.54	54.00	16.85	H
11949.450	37.07	-31.48	39.09	29.46	54.00	16.93	H

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17870.750	43.30	-25.50	46.66	22.14	54.00	10.70	V
17865.800	42.80	-25.50	46.66	21.64	54.00	11.20	H
15939.150	42.37	-27.35	38.54	31.18	54.00	11.63	H
15954.000	41.93	-27.35	38.54	30.74	54.00	12.07	V
11970.350	37.05	-31.48	39.09	29.44	54.00	16.95	V
11763.000	37.03	-31.99	38.98	30.04	54.00	16.97	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17934.550	42.78	-25.50	46.66	21.62	54.00	11.22	V
17931.800	42.73	-25.50	46.66	21.57	54.00	11.27	V
16030.450	41.83	-27.35	38.54	30.64	54.00	12.17	V
16000.750	41.81	-27.35	38.54	30.62	54.00	12.19	V
11999.500	36.91	-31.48	39.09	29.30	54.00	17.09	V
11945.050	36.81	-31.48	39.09	29.20	54.00	17.19	H

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17934.550	42.56	-25.50	46.66	21.40	54.00	11.44	H
17957.650	42.52	-25.50	46.66	21.36	54.00	11.48	H
15891.300	41.88	-26.97	38.48	30.37	54.00	12.12	V
15966.650	41.78	-27.35	38.54	30.59	54.00	12.22	V
11973.100	37.24	-31.48	39.09	29.63	54.00	16.76	V
11942.850	37.09	-31.48	39.09	29.48	54.00	16.91	H

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	42.89	-25.50	46.66	21.73	54.00	11.11	V
17920.250	42.80	-25.50	46.66	21.64	54.00	11.20	V
15999.100	41.70	-27.35	38.54	30.51	54.00	12.30	H
16035.400	41.60	-27.35	38.54	30.41	54.00	12.40	H
11763.000	36.97	-31.99	38.98	29.98	54.00	17.03	H
11991.250	36.91	-31.48	39.09	29.30	54.00	17.09	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.950	42.75	-25.50	46.66	21.59	54.00	11.25	V
17835.000	42.72	-25.50	46.66	21.56	54.00	11.28	V
15860.500	41.86	-26.97	38.48	30.35	54.00	12.14	H
15959.500	41.67	-27.35	38.54	30.48	54.00	12.33	H
11939.000	37.13	-31.48	39.09	29.52	54.00	16.87	H
11941.200	36.89	-31.48	39.09	29.28	54.00	17.11	V

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Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17986.250	43.28	-25.50	46.66	22.12	54.00	10.72	H
17974.150	42.74	-25.50	46.66	21.58	54.00	11.26	H
15959.500	41.98	-27.35	38.54	30.79	54.00	12.02	V
16016.150	41.85	-27.35	38.54	30.66	54.00	12.15	V
11768.500	37.56	-31.99	38.98	30.57	54.00	16.44	V
7685.850	37.24	-34.66	36.92	34.98	54.00	16.76	H

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Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.500	43.33	-25.50	46.66	22.17	54.00	10.67	H
17949.400	42.93	-25.50	46.66	21.77	54.00	11.07	V
15947.950	41.66	-27.35	38.54	30.47	54.00	12.34	H
16005.150	41.65	-27.35	38.54	30.46	54.00	12.35	H
11969.250	37.15	-31.48	39.09	29.54	54.00	16.85	H
11949.450	37.07	-31.48	39.09	29.46	54.00	16.93	H

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Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	43.02	-25.50	46.66	21.86	54.00	10.98	V
17940.600	42.89	-25.50	46.66	21.73	54.00	11.11	H
15971.600	41.71	-27.35	38.54	30.52	54.00	12.29	H
15987.550	41.58	-27.35	38.54	30.39	54.00	12.42	H
11976.400	37.20	-31.48	39.09	29.59	54.00	16.80	V
11837.250	37.03	-31.85	39.05	29.83	54.00	16.97	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17868.550	43.02	-25.50	46.66	21.86	54.00	10.98	H
17826.200	42.69	-25.50	46.66	21.53	54.00	11.31	H
15939.150	42.08	-27.35	38.54	30.89	54.00	11.92	H
16153.650	41.77	-26.77	38.93	29.61	54.00	12.23	V
11989.600	37.03	-31.48	39.09	29.42	54.00	16.97	V
11770.150	36.91	-31.99	38.98	29.92	54.00	17.09	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17982.950	42.87	-25.50	46.66	21.71	54.00	11.13	V
17935.650	42.69	-25.50	46.66	21.53	54.00	11.31	V
16038.700	42.29	-27.35	38.54	31.10	54.00	11.71	H
15955.100	41.92	-27.35	38.54	30.73	54.00	12.08	H
11997.300	37.43	-31.48	39.09	29.82	54.00	16.57	V
11991.250	36.93	-31.48	39.09	29.32	54.00	17.07	V

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802.11ax-HT40

Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.750	42.97	-25.50	46.66	21.81	54.00	11.03	V
17953.800	42.61	-25.50	46.66	21.45	54.00	11.39	V
15984.250	41.75	-27.35	38.54	30.56	54.00	12.25	V
15964.450	41.62	-27.35	38.54	30.43	54.00	12.38	V
8089.000	39.27	-34.58	37.33	36.52	54.00	14.73	V
8089.550	38.09	-34.58	37.33	35.34	54.00	15.91	V

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17842.700	42.94	-25.50	46.66	21.78	54.00	11.06	H
17941.150	42.86	-25.50	46.66	21.70	54.00	11.14	V
15922.650	42.20	-27.35	38.54	31.01	54.00	11.80	H
15954.000	41.79	-27.35	38.54	30.60	54.00	12.21	H
11988.500	37.17	-31.48	39.09	29.56	54.00	16.83	H
11989.600	36.98	-31.48	39.09	29.37	54.00	17.02	H

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802.11ax-HT80

Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17820.150	42.73	-25.50	46.66	21.57	54.00	11.27	V
17976.900	42.54	-25.50	46.66	21.38	54.00	11.46	V
16040.900	41.71	-27.35	38.54	30.52	54.00	12.29	V
16051.900	41.69	-27.35	38.54	30.50	54.00	12.31	H
8192.950	38.70	-35.19	37.45	36.45	54.00	15.30	H
11739.350	37.18	-31.99	38.98	30.19	54.00	16.82	H

802.11ax-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17927.400	42.86	-25.50	46.66	21.70	54.00	11.14	V
17957.100	42.85	-25.50	46.66	21.69	54.00	11.15	V
15965.550	42.08	-27.35	38.54	30.89	54.00	11.92	V
15959.500	41.83	-27.35	38.54	30.64	54.00	12.17	V
8250.700	39.26	-34.97	37.56	36.66	54.00	14.74	H
8250.150	37.69	-34.97	37.56	35.09	54.00	16.31	H

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Peak Results:

802.11a

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17931.250	52.96	-25.50	46.66	31.80	74.00	21.04	V
17811.900	52.49	-25.50	46.66	31.33	74.00	21.51	V
16902.200	52.13	-26.32	42.36	36.08	68.20	16.07	V
16433.050	51.73	-26.96	39.82	38.87	68.20	16.47	H
11947.800	46.82	-31.48	39.09	39.21	74.00	27.18	H
11733.300	46.63	-31.99	38.98	39.64	74.00	27.37	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17959.300	52.66	-25.50	46.66	31.50	74.00	21.34	V
16656.350	52.05	-26.87	40.65	38.27	68.20	16.15	H
17941.700	52.02	-25.50	46.66	30.86	74.00	21.98	H
16820.250	51.93	-26.62	41.49	37.06	68.20	16.27	V
11992.900	46.78	-31.48	39.09	39.17	74.00	27.22	V
11841.100	46.35	-31.85	39.05	39.15	74.00	27.65	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17969.200	52.45	-25.50	46.66	31.29	74.00	21.55	H
17863.050	52.00	-25.50	46.66	30.84	74.00	22.00	H
15919.350	51.74	-27.35	38.54	40.55	74.00	22.26	H
16860.400	51.66	-26.62	41.49	36.79	68.20	16.54	H
12000.050	47.02	-31.48	39.09	39.41	74.00	26.98	H
11855.950	46.62	-31.85	39.05	39.42	74.00	27.38	V

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802.11n-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17958.750	52.77	-25.50	46.66	31.61	74.00	21.23	V
17959.850	52.24	-25.50	46.66	31.08	74.00	21.76	H
16423.700	51.69	-26.96	39.82	38.83	68.20	16.51	V
16841.150	51.29	-26.62	41.49	36.42	68.20	16.91	V
11690.950	46.65	-31.99	38.98	39.66	74.00	27.35	V
12000.050	46.49	-31.48	39.09	38.88	74.00	27.51	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17942.250	52.25	-25.50	46.66	31.09	74.00	21.75	H
17156.300	52.21	-26.60	43.36	35.45	68.20	15.99	H
16828.500	51.30	-26.62	41.49	36.43	68.20	16.90	H
16970.950	51.15	-26.32	42.36	35.10	68.20	17.05	H
11833.950	46.31	-31.85	39.05	39.11	74.00	27.69	V
11712.950	46.09	-31.99	38.98	39.10	74.00	27.91	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17897.700	51.85	-25.50	46.66	30.69	74.00	22.15	H
17816.850	51.79	-25.50	46.66	30.63	74.00	22.21	H
16030.450	51.35	-27.35	38.54	40.16	74.00	22.65	V
15914.400	51.16	-27.35	38.54	39.97	74.00	22.84	H
11975.300	46.83	-31.48	39.09	39.22	74.00	27.17	H
11857.050	46.78	-31.85	39.05	39.58	74.00	27.22	V

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17954.900	52.73	-25.50	46.66	31.57	74.00	21.27	V
17329.550	52.61	-25.95	44.35	34.20	68.20	15.59	H
16631.050	52.49	-26.87	40.65	38.71	68.20	15.71	H
16541.950	51.49	-26.96	39.82	38.63	68.20	16.71	H
11859.250	46.91	-31.85	39.05	39.71	74.00	27.09	V
11285.050	46.71	-32.36	38.77	40.31	74.00	27.29	V

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17946.650	52.58	-25.50	46.66	31.42	74.00	21.42	H
17876.800	52.03	-25.50	46.66	30.87	74.00	21.97	V
16045.300	52.00	-27.35	38.54	40.81	74.00	22.00	H
16551.300	51.34	-26.87	40.65	37.56	68.20	16.86	H
11762.450	47.21	-31.99	38.98	40.22	74.00	26.79	V
11989.600	47.17	-31.48	39.09	39.56	74.00	26.83	V

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802.11ac-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17877.350	52.51	-25.50	46.66	31.35	74.00	21.49	H
17982.400	52.45	-25.50	46.66	31.29	74.00	21.55	H
16722.350	51.57	-26.62	41.49	36.70	68.20	16.63	H
16065.650	51.27	-26.77	38.93	39.11	74.00	22.73	V
11766.300	46.56	-31.99	38.98	39.57	74.00	27.44	H
11738.800	46.55	-31.99	38.98	39.56	74.00	27.45	H

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	52.24	-25.50	46.66	31.08	74.00	21.76	H
17011.100	51.92	-26.32	42.36	35.87	68.20	16.28	V
16829.600	51.29	-26.62	41.49	36.42	68.20	16.91	H
16007.350	51.09	-27.35	38.54	39.90	74.00	22.91	V
11943.950	46.78	-31.48	39.09	39.17	74.00	27.22	V
11920.300	46.38	-31.48	39.09	38.77	74.00	27.62	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17922.450	51.94	-25.50	46.66	30.78	74.00	22.06	V
16634.350	51.90	-26.87	40.65	38.12	68.20	16.30	H
17876.250	51.78	-25.50	46.66	30.62	74.00	22.22	H
16494.100	51.39	-26.96	39.82	38.53	68.20	16.81	H
11875.750	46.26	-31.85	39.05	39.06	74.00	27.74	H
11776.200	46.08	-31.99	38.98	39.09	74.00	27.92	H

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Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17962.050	52.95	-25.50	46.66	31.79	74.00	21.05	V
17839.400	52.66	-25.50	46.66	31.50	74.00	21.34	V
16508.950	51.63	-26.96	39.82	38.77	68.20	16.57	V
16876.900	51.41	-26.32	42.36	35.36	68.20	16.79	H
11975.850	46.47	-31.48	39.09	38.86	74.00	27.53	V
11988.500	46.46	-31.48	39.09	38.85	74.00	27.54	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17910.350	52.52	-25.50	46.66	31.36	74.00	21.48	V
17927.950	52.20	-25.50	46.66	31.04	74.00	21.80	V
15896.250	51.74	-26.97	38.48	40.23	74.00	22.26	H
15925.400	51.21	-27.35	38.54	40.02	74.00	22.79	V
11798.750	46.93	-31.85	39.05	39.73	74.00	27.07	H
11983.550	46.55	-31.48	39.09	38.94	74.00	27.45	H

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Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17948.850	52.27	-25.50	46.66	31.11	74.00	21.73	H
17881.750	52.13	-25.50	46.66	30.97	74.00	21.87	V
16638.200	51.57	-26.87	40.65	37.79	68.20	16.63	H
16409.400	51.54	-26.96	39.82	38.68	68.20	16.66	H
11765.750	46.79	-31.99	38.98	39.80	74.00	27.21	V
11816.350	46.46	-31.85	39.05	39.26	74.00	27.54	V

802.11ac-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17926.300	52.64	-25.50	46.66	31.48	74.00	21.36	V
17968.100	52.13	-25.50	46.66	30.97	74.00	21.87	V
16841.700	51.50	-26.62	41.49	36.63	68.20	16.70	H
16661.300	51.44	-26.87	40.65	37.66	68.20	16.76	H
11866.400	47.22	-31.85	39.05	40.02	74.00	26.78	V
11946.700	46.63	-31.48	39.09	39.02	74.00	27.37	H

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802.11ax-HT20

Ch169

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17932.900	52.18	-25.50	46.66	31.02	74.00	21.82	H
17134.300	52.10	-26.60	43.36	35.34	68.20	16.10	V
16966.000	51.85	-26.32	42.36	35.80	68.20	16.35	V
16001.850	51.70	-27.35	38.54	40.51	74.00	22.30	H
11993.450	46.86	-31.48	39.09	39.25	74.00	27.14	V
11990.150	46.56	-31.48	39.09	38.95	74.00	27.44	V

Ch173

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17881.750	52.86	-25.50	46.66	31.70	74.00	21.14	H
17089.200	52.60	-26.60	43.36	35.84	68.20	15.60	V
16499.050	51.91	-26.96	39.82	39.05	68.20	16.29	V
16048.600	51.21	-27.35	38.54	40.02	74.00	22.79	V
11994.000	47.94	-31.48	39.09	40.33	74.00	26.06	V
11997.850	46.49	-31.48	39.09	38.88	74.00	27.51	V

Ch177

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17938.400	52.97	-25.50	46.66	31.81	74.00	21.03	H
17975.800	52.79	-25.50	46.66	31.63	74.00	21.21	V
15956.200	51.66	-27.35	38.54	40.47	74.00	22.34	V
16536.450	51.25	-26.96	39.82	38.39	68.20	16.95	H
11874.650	46.35	-31.85	39.05	39.15	74.00	27.65	H
11987.950	46.18	-31.48	39.09	38.57	74.00	27.82	V

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802.11ax-HT40

Ch167

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17842.700	52.51	-25.50	46.66	31.35	74.00	21.49	V
17902.100	52.10	-25.50	46.66	30.94	74.00	21.90	H
16177.850	52.07	-26.77	38.93	39.91	74.00	21.93	H
16584.300	50.95	-26.87	40.65	37.17	68.20	17.25	V
11729.450	46.34	-31.99	38.98	39.35	74.00	27.66	H
11801.500	46.28	-31.85	39.05	39.08	74.00	27.72	H

Ch175

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17968.100	52.36	-25.50	46.66	31.20	74.00	21.64	V
17843.250	52.07	-25.50	46.66	30.91	74.00	21.93	H
16583.200	51.53	-26.87	40.65	37.75	68.20	16.67	V
16666.250	51.50	-26.87	40.65	37.72	68.20	16.70	V
11614.500	46.88	-32.31	38.91	40.29	74.00	27.12	H
11995.650	46.72	-31.48	39.09	39.11	74.00	27.28	V

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802.11ax-HT80

Ch171

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17901.000	51.96	-25.50	46.66	30.80	74.00	22.04	V
17866.350	51.86	-25.50	46.66	30.70	74.00	22.14	V
16969.850	51.68	-26.32	42.36	35.63	68.20	16.52	V
15922.100	51.46	-27.35	38.54	40.27	74.00	22.54	V
11697.550	47.25	-31.99	38.98	40.26	74.00	26.75	V
11721.750	46.72	-31.99	38.98	39.73	74.00	27.28	V

802.11ax-HT160

Ch163

Frequency (MHz)	Meas. Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
17955.450	53.32	-25.50	46.66	32.16	74.00	20.68	V
17893.300	51.98	-25.50	46.66	30.82	74.00	22.02	V
15969.400	51.06	-27.35	38.54	39.87	74.00	22.94	V
16664.600	51.01	-26.87	40.65	37.23	68.20	17.19	V
11979.700	46.44	-31.48	39.09	38.83	74.00	27.56	H
11974.200	46.38	-31.48	39.09	38.77	74.00	27.62	H

Conclusion: PASS

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A.9. Band Edges Compliance

A9.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit (dBm/MHz)	
FCC 47 CFR Part 15.407	at the band edge	27
	at 5 MHz above or below the band edge	15.6
	at 25 MHz above or below the band edge	10
	at 75 MHz or more above or below the band edge	-27
	Note：increasing linearly from point to point.	

The measurement is made according to KDB 789033 D02
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)).

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5845 MHz(CH169)	Fig.87	P
	5885 MHz(CH177)	Fig.88	P
802.11n HT20	5845 MHz(CH169)	Fig.89	P
	5885 MHz(CH177)	Fig.90	P
802.11ac HT20	5845 MHz(CH169)	Fig.91	P
	5885 MHz(CH177)	Fig.92	P
802.11ax HT20	5845 MHz(CH169)	Fig.93	P
	5885 MHz(CH177)	Fig.94	P
802.11n HT40	5835 MHz(CH167)	Fig.95	P
	5875 MHz(CH175)	Fig.96	P
802.11ac HT40	5835 MHz(CH167)	Fig.97	P
	5875 MHz(CH175)	Fig.98	P
802.11ax HT40	5835 MHz(CH167)	Fig.99	P
	5875 MHz(CH175)	Fig.100	P
802.11ac HT80	5855 MHz(CH171)	Fig.101	P
	5855 MHz(CH171)	Fig.102	P
802.11ax HT80	5855 MHz(CH171)	Fig.103	P
	5855 MHz(CH171)	Fig.104	P
802.11ac HT160	5815 MHz(CH163)	Fig.105	P
	5815 MHz(CH163)	Fig.106	P
802.11ax HT160	5815 MHz(CH163)	Fig.107	P
	5815 MHz(CH163)	Fig.108	P

Conclusion: PASS

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Test graphs as below:

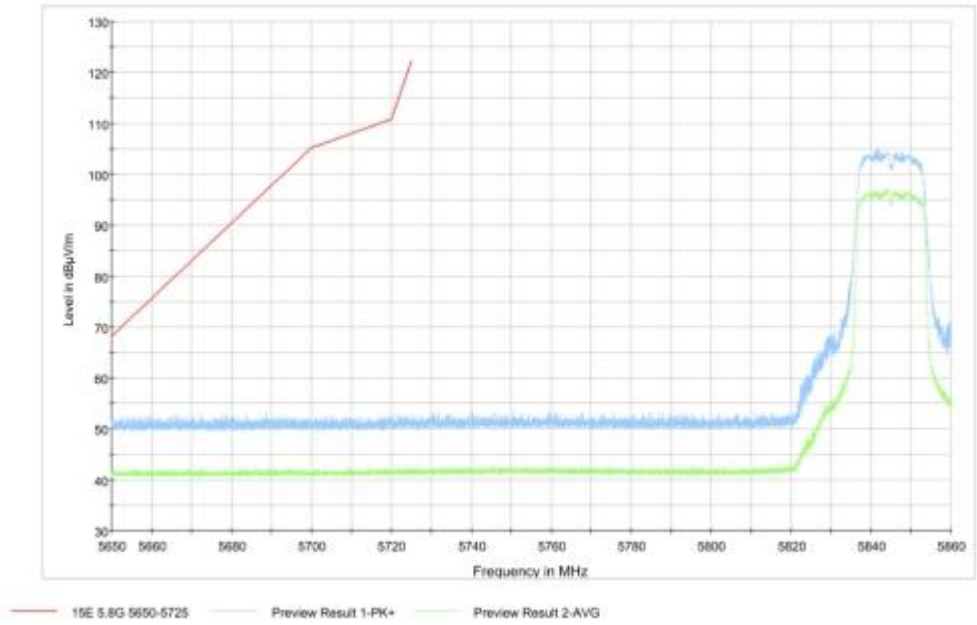

Fig. 87 Band Edges (802.11a, 5845MHz)

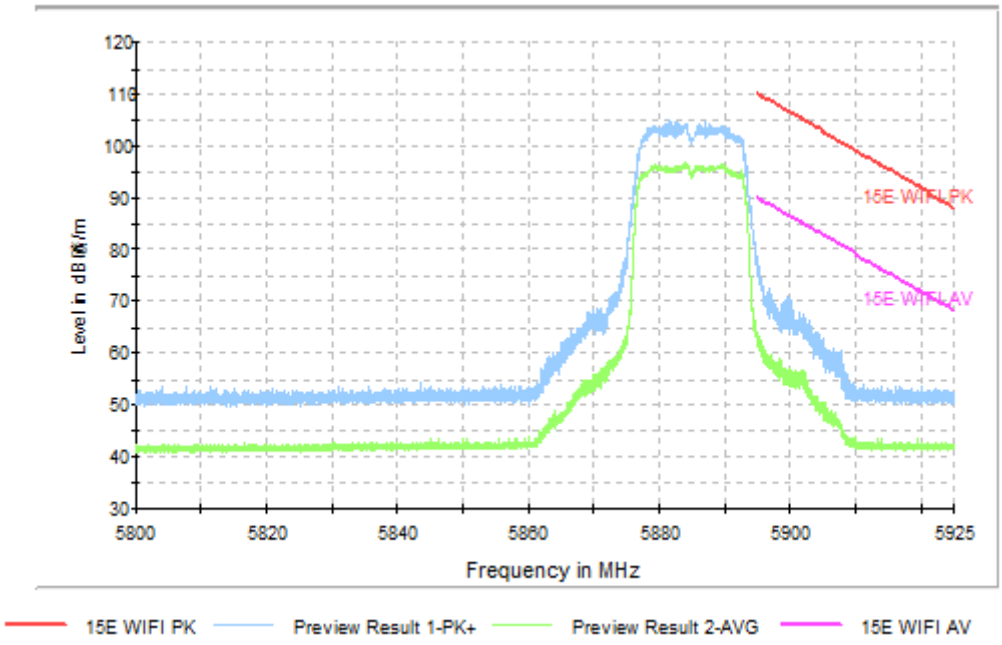

Fig. 88 Band Edges (802.11a, 5885MHz)

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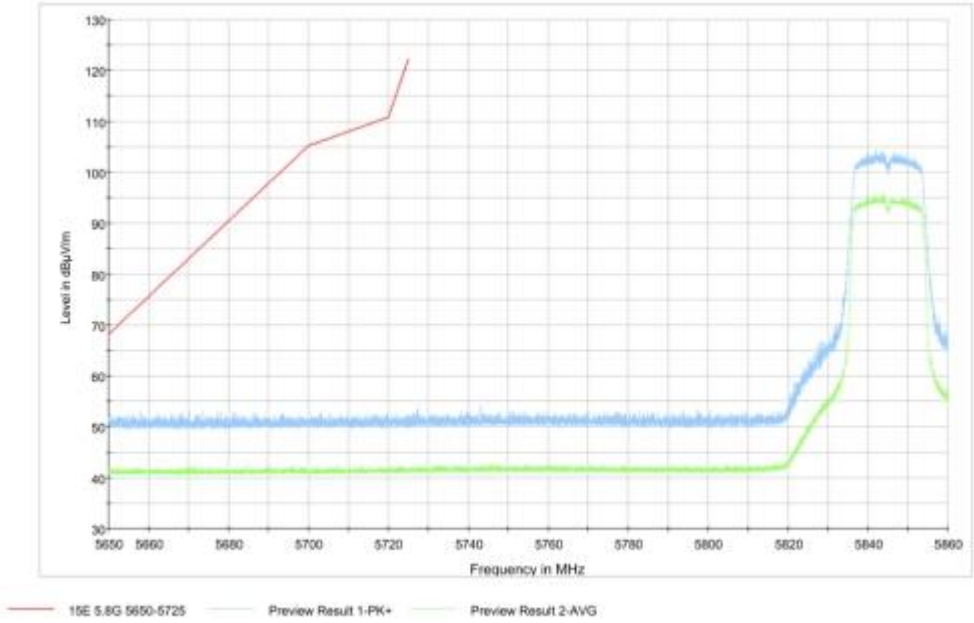

Fig. 89 Band Edges (802.11n-HT20, 5845MHz)

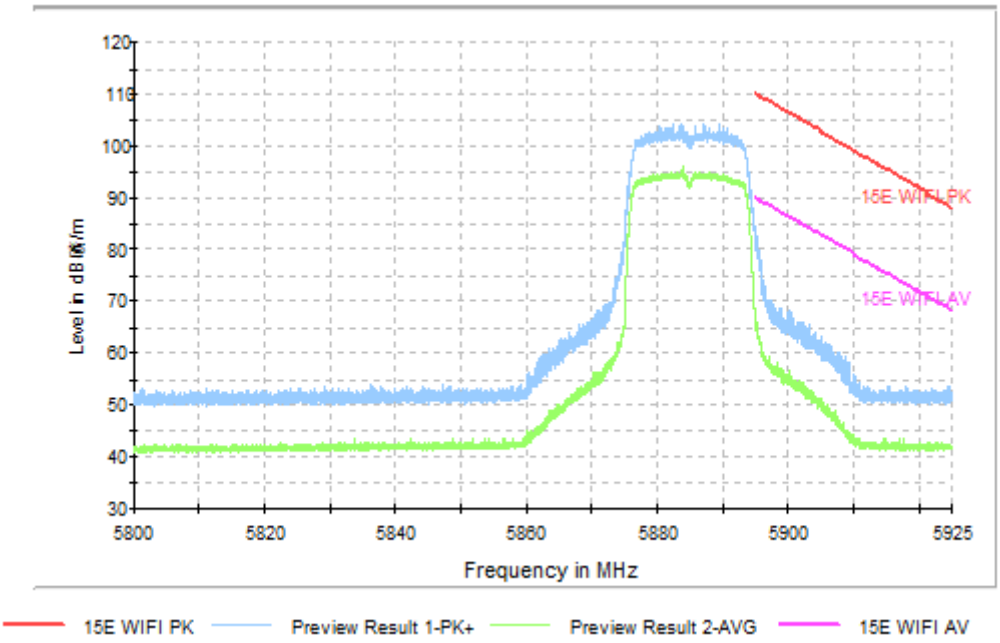

Fig. 90 Band Edges (802.11n-HT20, 5885MHz)

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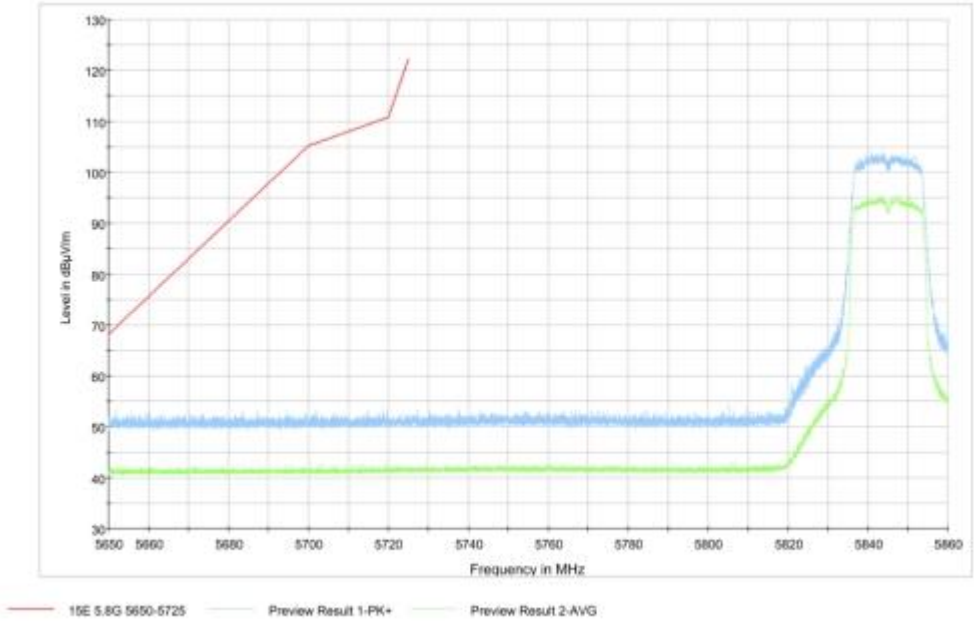

Fig. 91 Band Edges (802.11ac-HT20, 5845MHz)

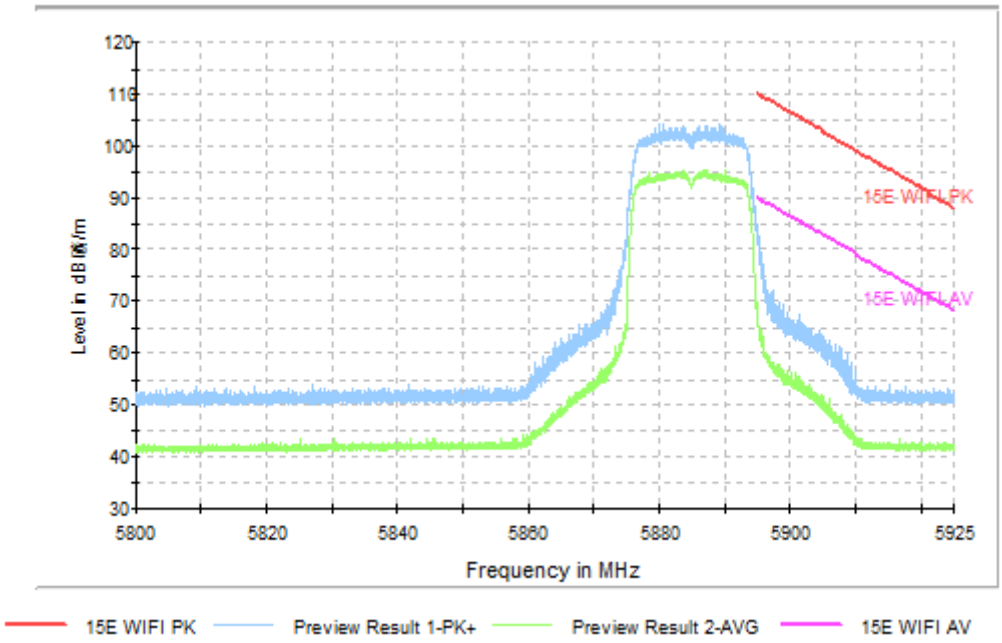

Fig. 92 Band Edges (802.11ac-HT20, 5885MHz)

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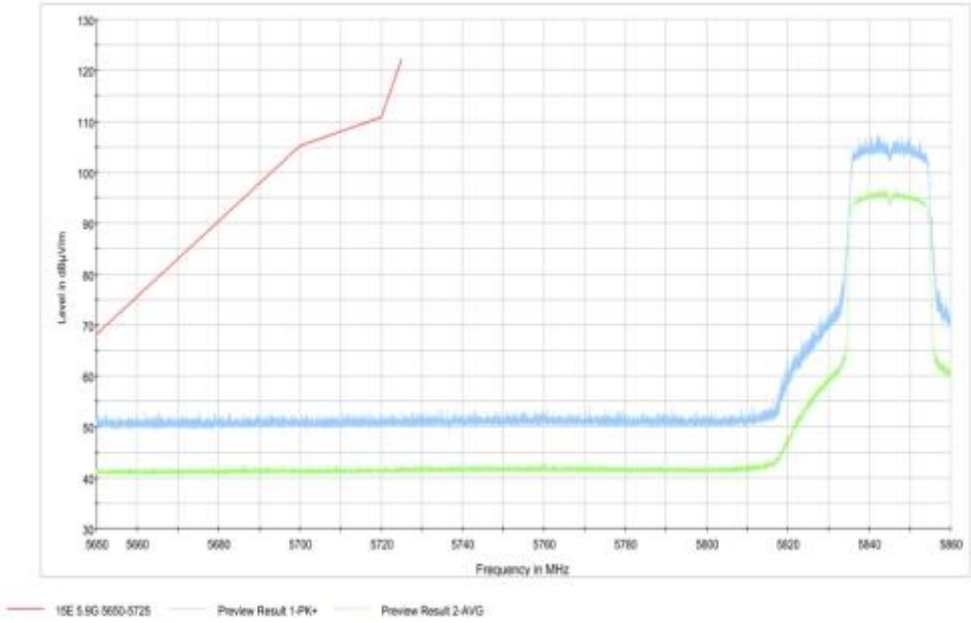

Fig. 93 Band Edges (802.11ax-HT20, 5845MHz)

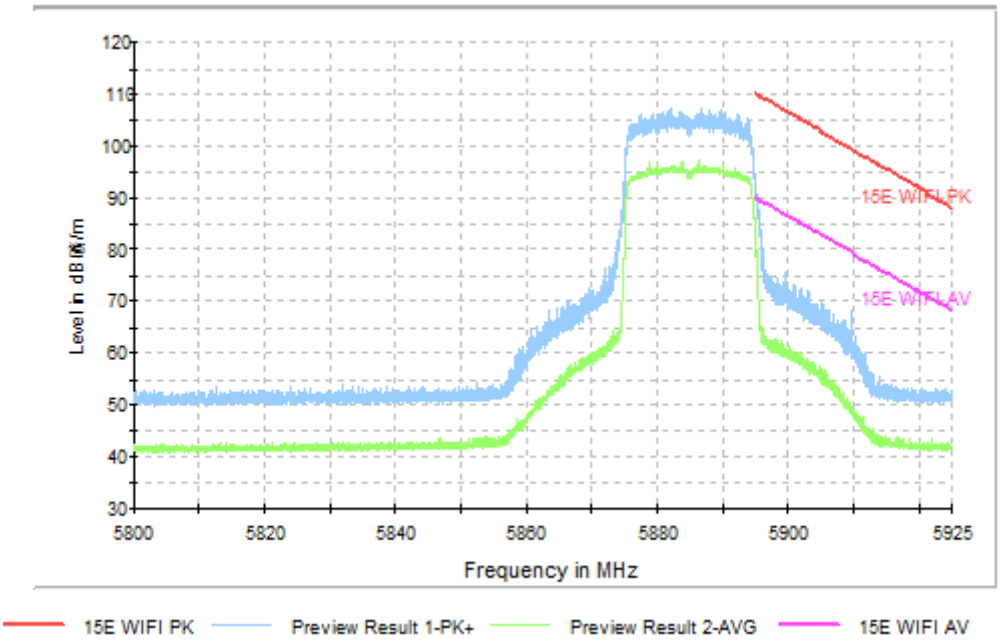

Fig. 94 Band Edges (802.11ax-HT20, 5885MHz)

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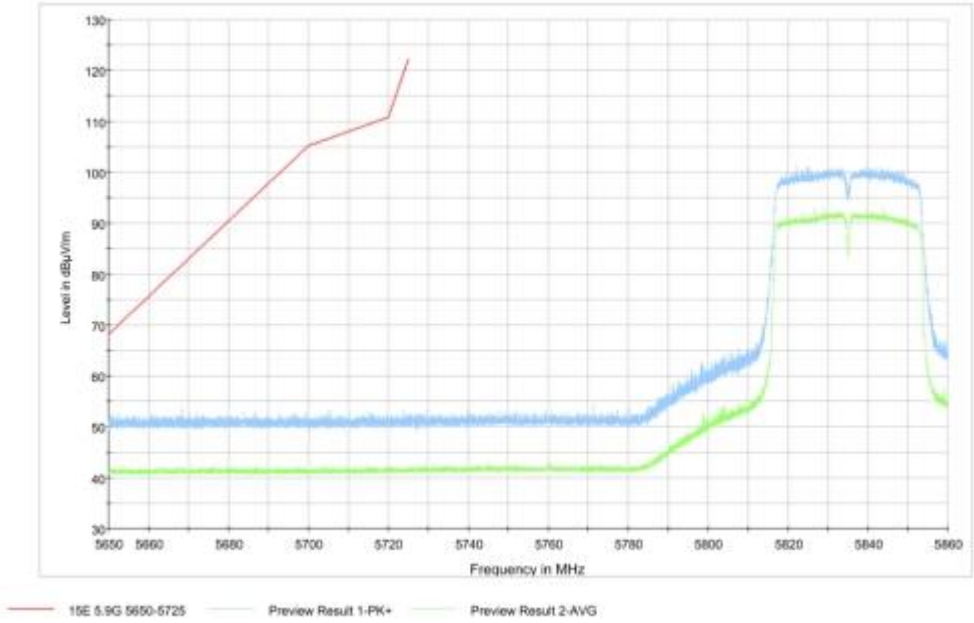

Fig. 95 Band Edges (802.11n-HT40, 5835MHz)

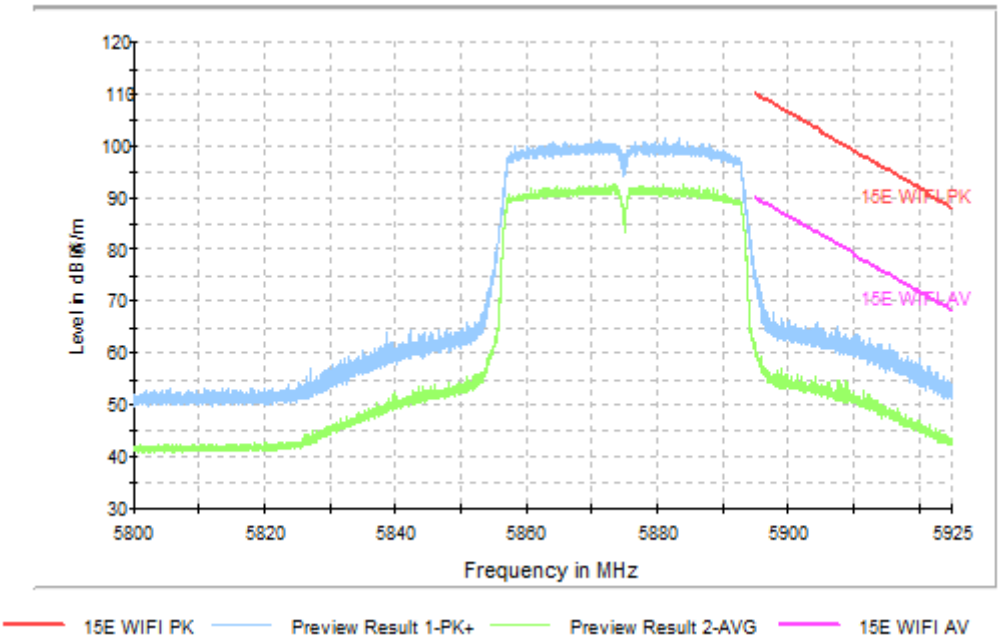

Fig. 96 Band Edges (802.11n-HT40, 5875MHz)

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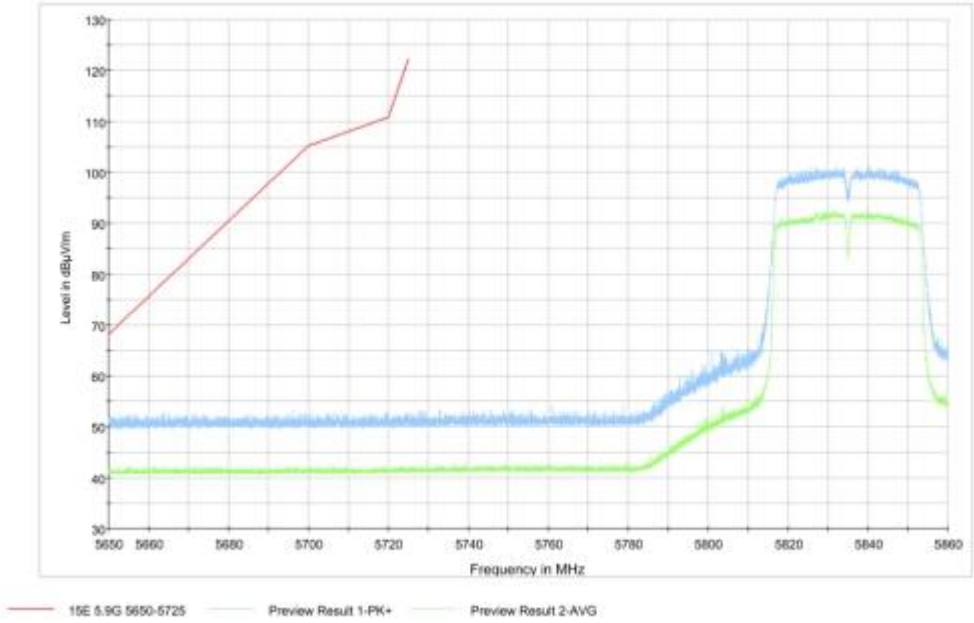

Fig. 97 Band Edges (802.11ac-HT40, 5835MHz)

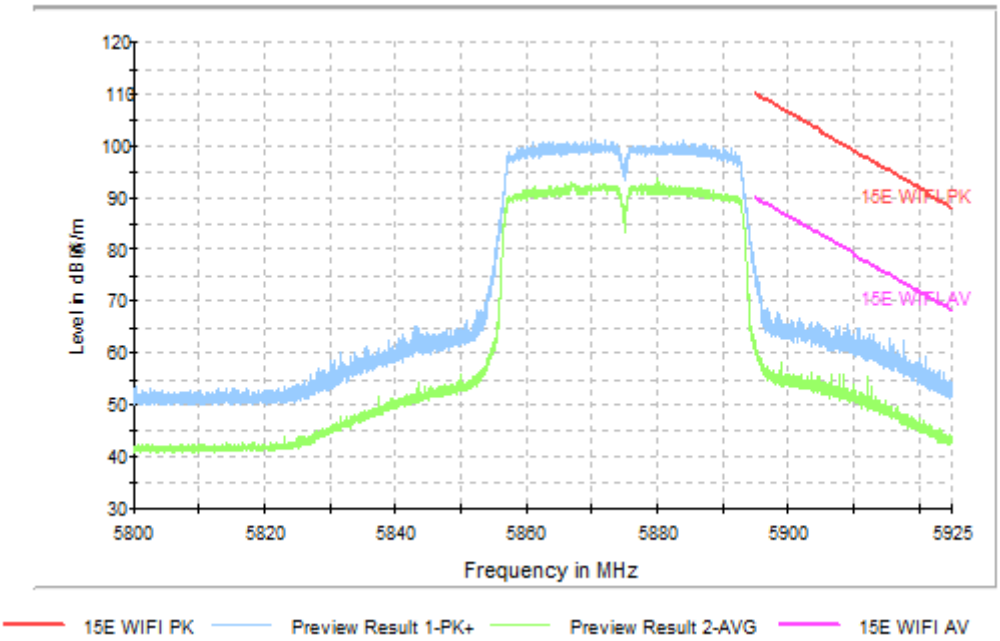

Fig. 98 Band Edges (802.11ac-HT40, 5875MHz)

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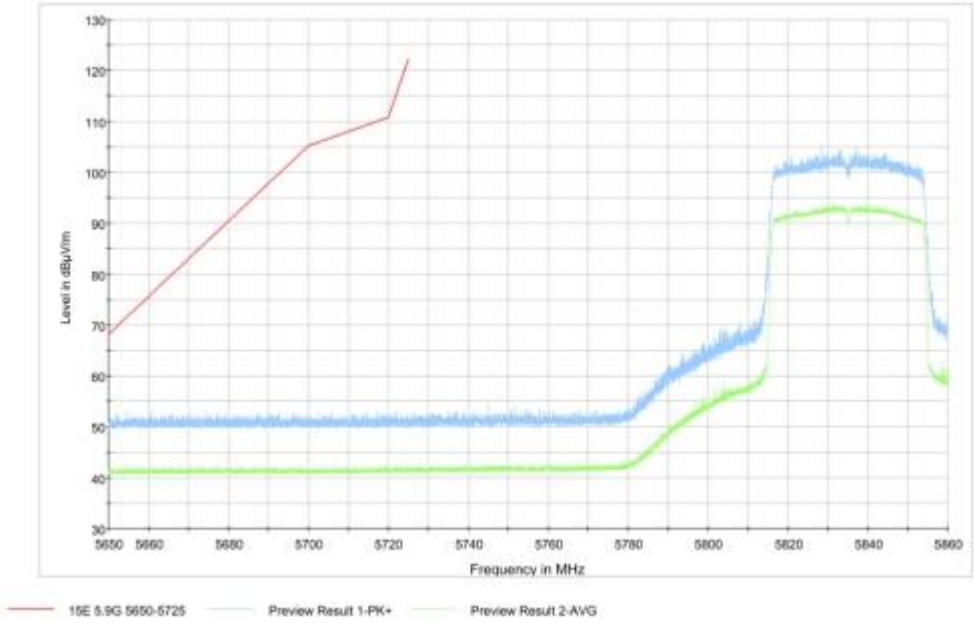

Fig. 99 Band Edges (802.11ax-HT40, 5835MHz)

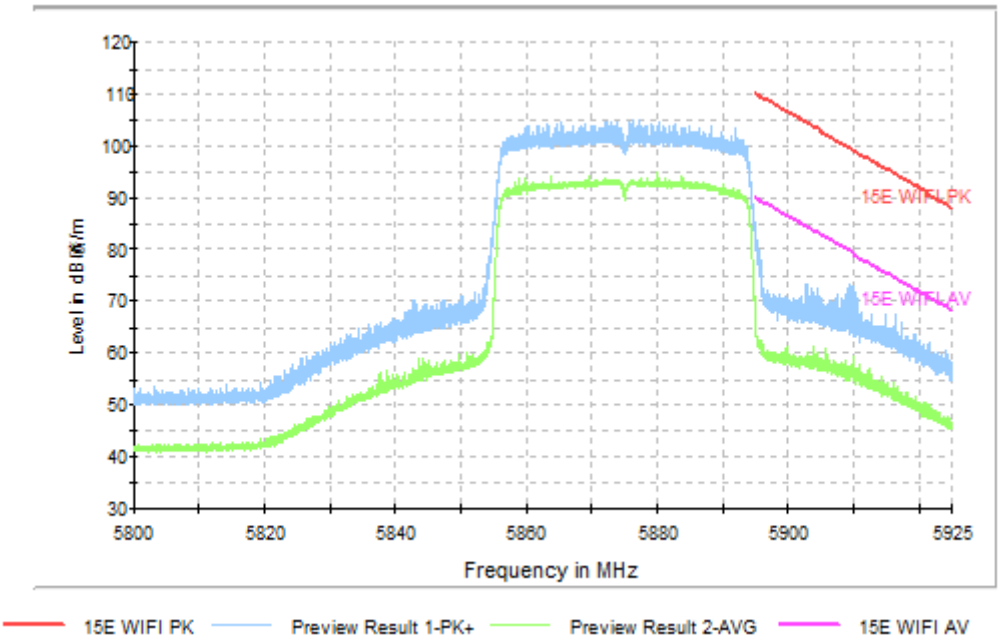

Fig. 100 Band Edges (802.11ax-HT40, 5875MHz)

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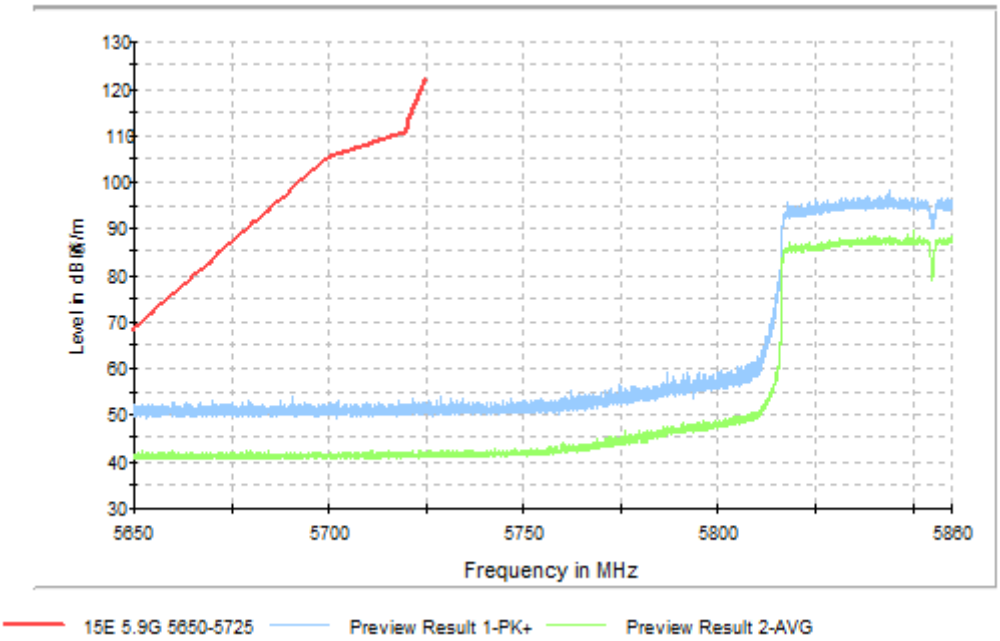

Fig. 101 Band Edges (802.11ac-HT80, 5855MHz)

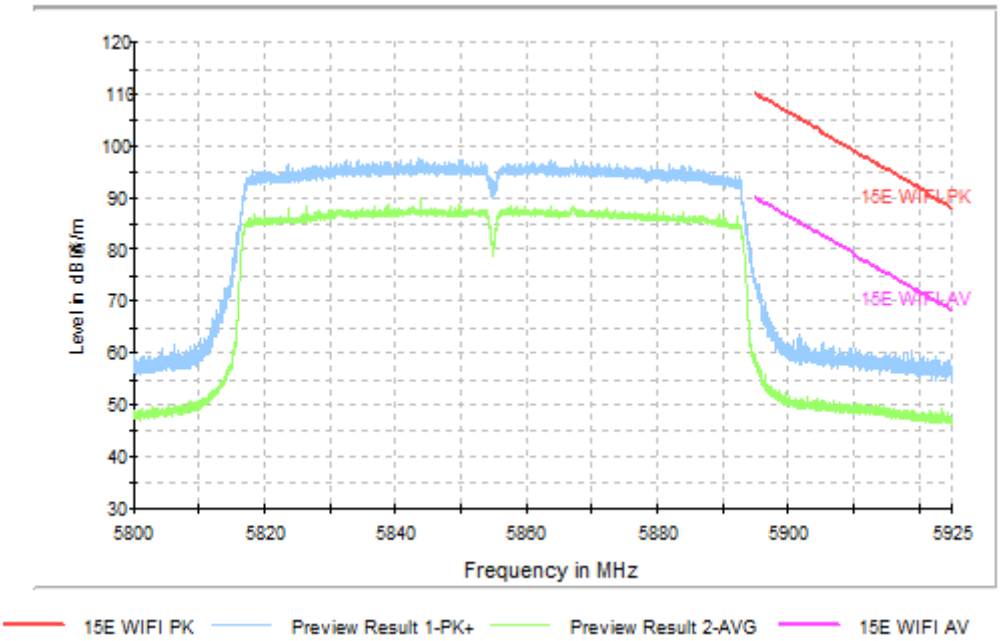

Fig. 102 Band Edges (802.11ac-HT80, 5855MHz)

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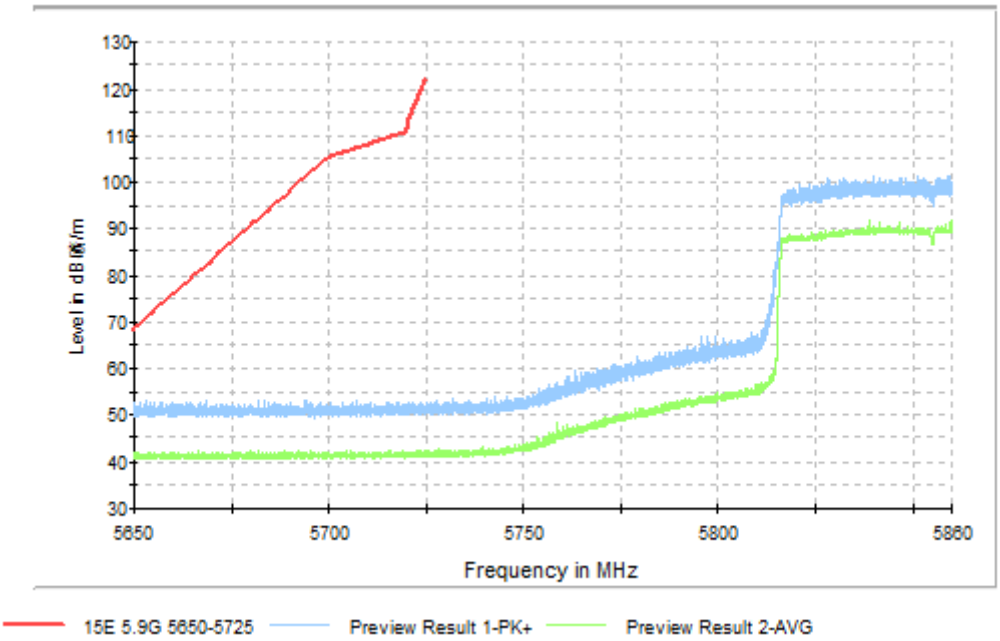

Fig. 103 Band Edges (802.11ax-HT80, 5855MHz)

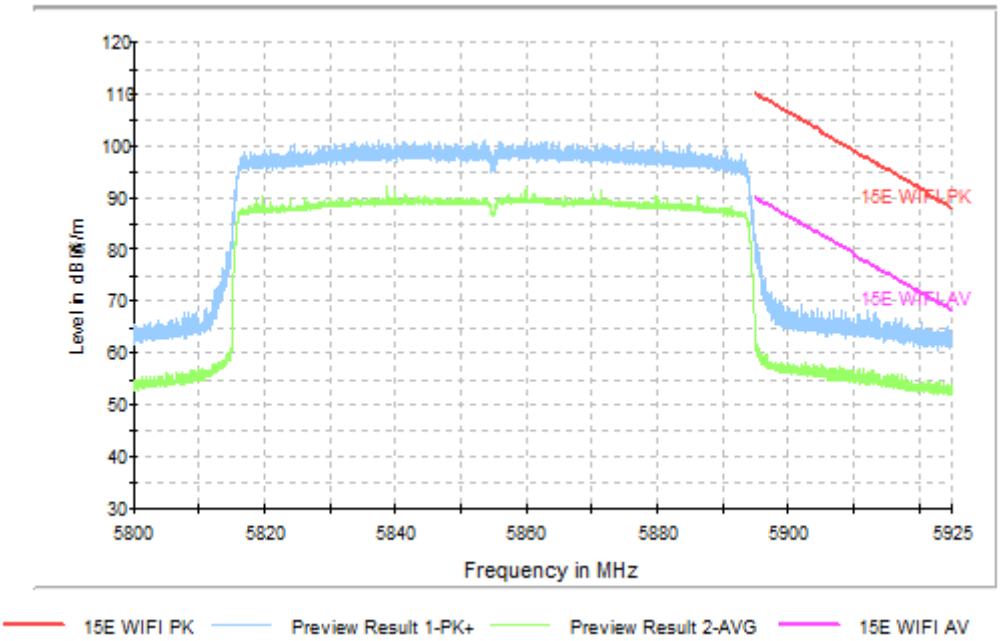

Fig. 104 Band Edges (802.11ax-HT80, 5855MHz)

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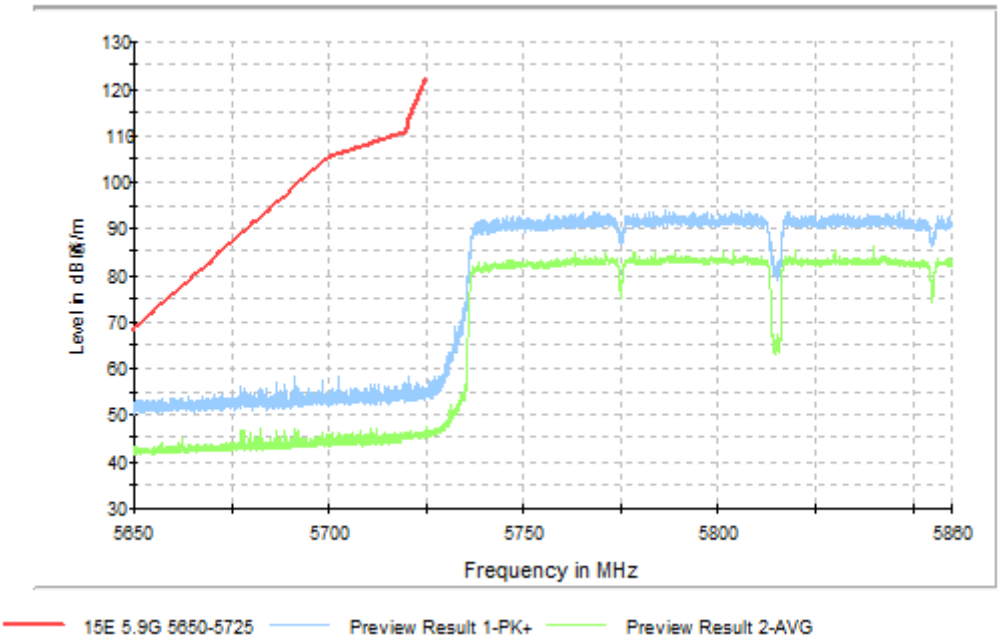

Fig. 105 Band Edges (802.11ac-HT160, 5815MHz)

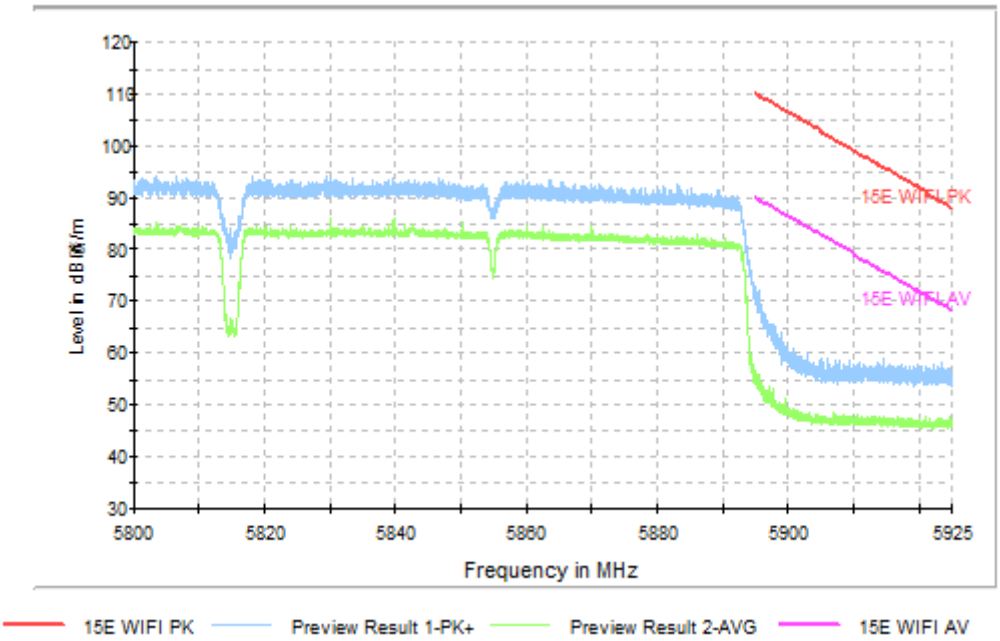

Fig. 106 Band Edges (802.11ac-HT160, 5815MHz)

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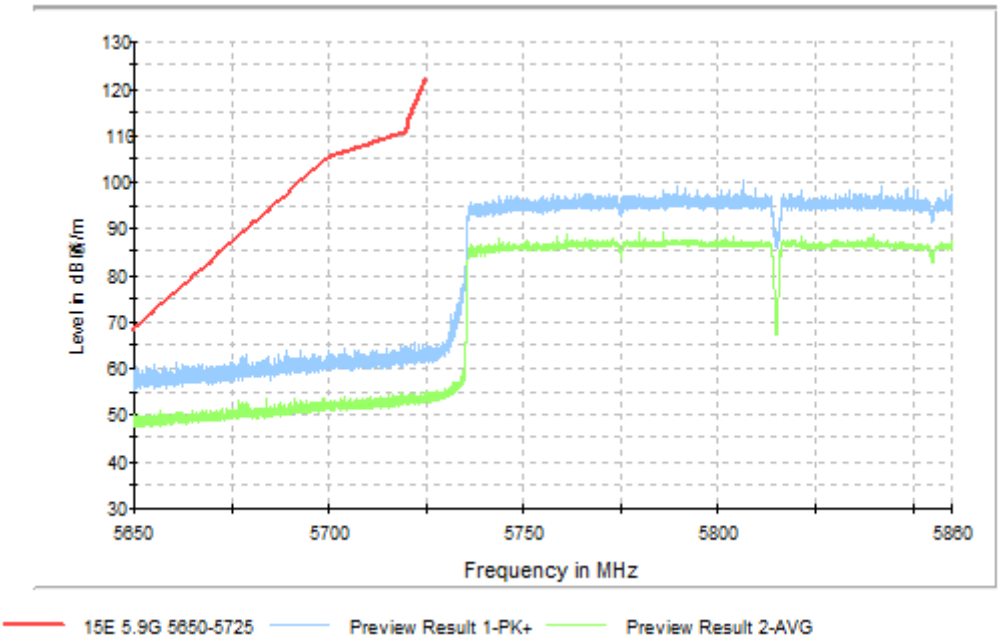

Fig. 107 Band Edges (802.11ax-HT160, 5815MHz)

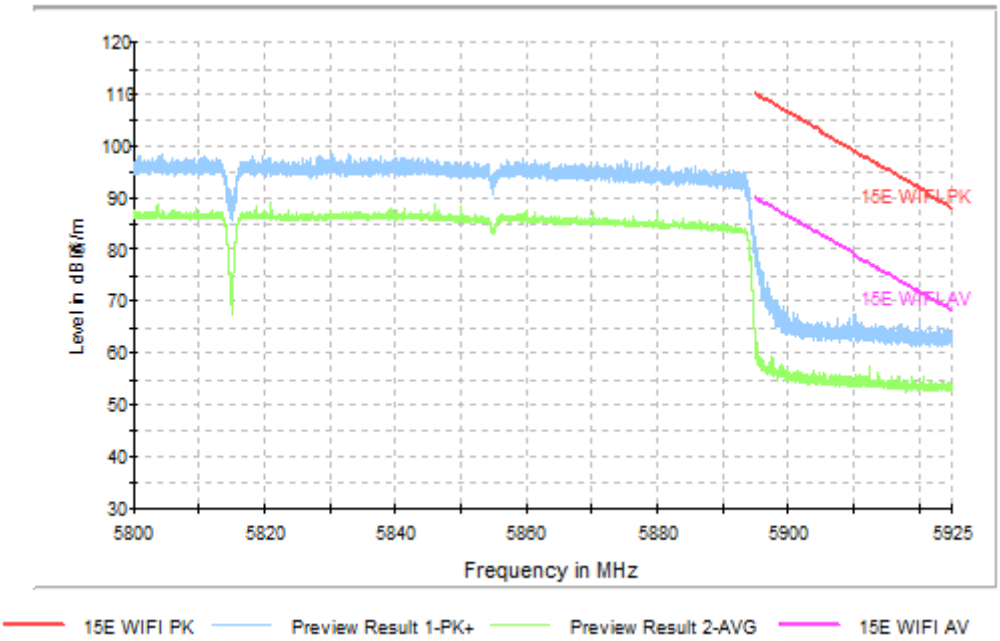

Fig. 108 Band Edges (802.11ax-HT160, 5815MHz)

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A.9. AC Powerline Conducted Emission

Test Condition:

Voltage（V）	Frequency（Hz）
110	60

Measurement uncertainty:
Expanded measurement uncertainty for this test item is U =3.2dB, k=2.

Measurement Result and limit:
WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.109	Fig.110	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		
		802.11a	Idle	
0.15 to 0.5	56 o 46	Fig.109	57 Fig.110	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.				

The measurement is made according to ANSI C63.10 .

Conclusion: PASS
Test graphs as below:

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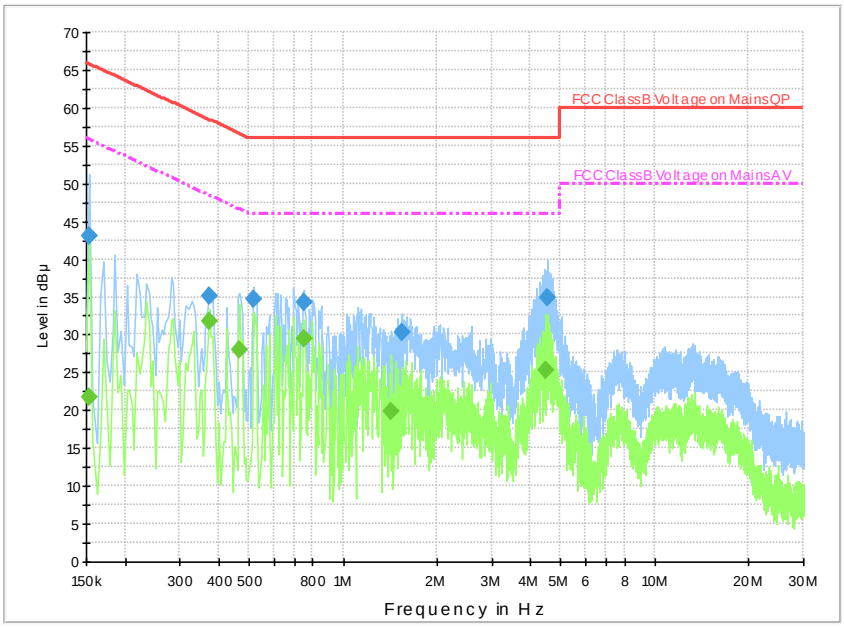

Fig. 109 AC Powerline Conducted Emission-802.11a CH169

Final Result 1: `

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	43.0	5000.0	9.000	On	L1	19.9	22.8	65.8
0.374000	35.1	5000.0	9.000	On	N	19.8	23.3	58.4
0.514000	34.7	5000.0	9.000	On	N	19.8	21.3	56.0
0.750000	34.3	5000.0	9.000	On	N	19.6	21.7	56.0
1.542000	30.3	5000.0	9.000	On	N	19.6	25.7	56.0
4.510000	34.9	5000.0	9.000	On	N	19.5	21.1	56.0

Final Result 2:

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	21.8	5000.0	9.000	On	L1	19.9	34.0	55.8
0.374000	31.8	5000.0	9.000	On	L1	19.8	16.6	48.4
0.466000	27.9	5000.0	9.000	On	N	19.8	18.6	46.6
0.750000	29.4	5000.0	9.000	On	N	19.6	16.6	46.0
1.434000	19.9	5000.0	9.000	On	N	19.6	26.1	46.0
4.490000	25.2	5000.0	9.000	On	N	19.5	20.8	46.0

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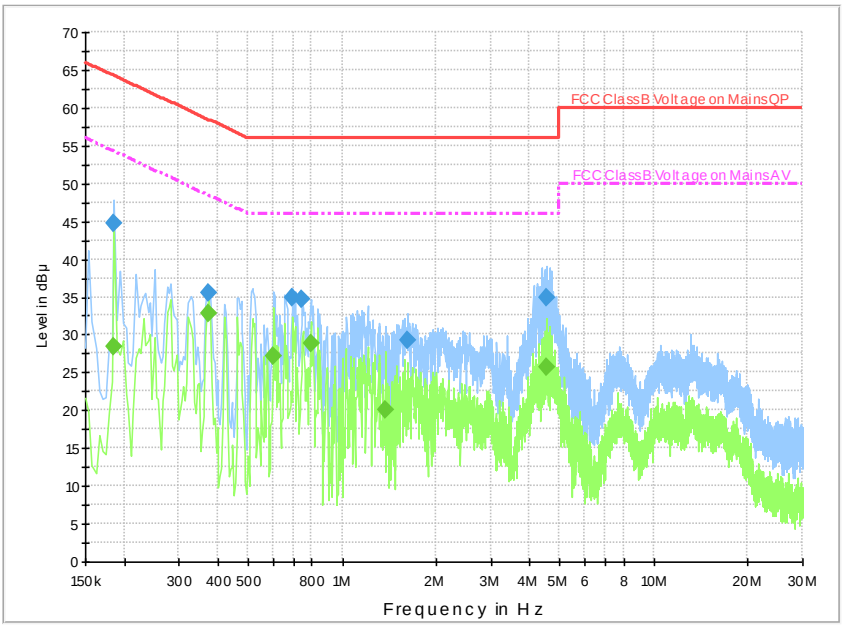

Fig. 110 AC Powerline Conducted Emission 802.11a CH169-Idle

Final Result 1:

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	44.7	5000.0	9.000	On	L1	19.8	19.5	64.2
0.374000	35.5	5000.0	9.000	On	N	19.8	22.9	58.4
0.694000	34.9	5000.0	9.000	On	N	19.6	21.1	56.0
0.746000	34.6	5000.0	9.000	On	N	19.6	21.4	56.0
1.618000	29.3	5000.0	9.000	On	N	19.6	26.7	56.0
4.546000	35.0	5000.0	9.000	On	N	19.5	21.0	56.0

Final Result 2:

Frequency (MHz)	CAverage (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.186000	28.3	5000.0	9.000	On	L1	19.8	25.9	54.2
0.374000	32.8	5000.0	9.000	On	L1	19.8	15.6	48.4
0.602000	27.2	5000.0	9.000	On	N	19.7	18.8	46.0
0.794000	28.9	5000.0	9.000	On	N	19.6	17.1	46.0
1.374000	20.1	5000.0	9.000	On	N	19.6	25.9	46.0
4.546000	25.7	5000.0	9.000	On	N	19.5	20.3	46.0

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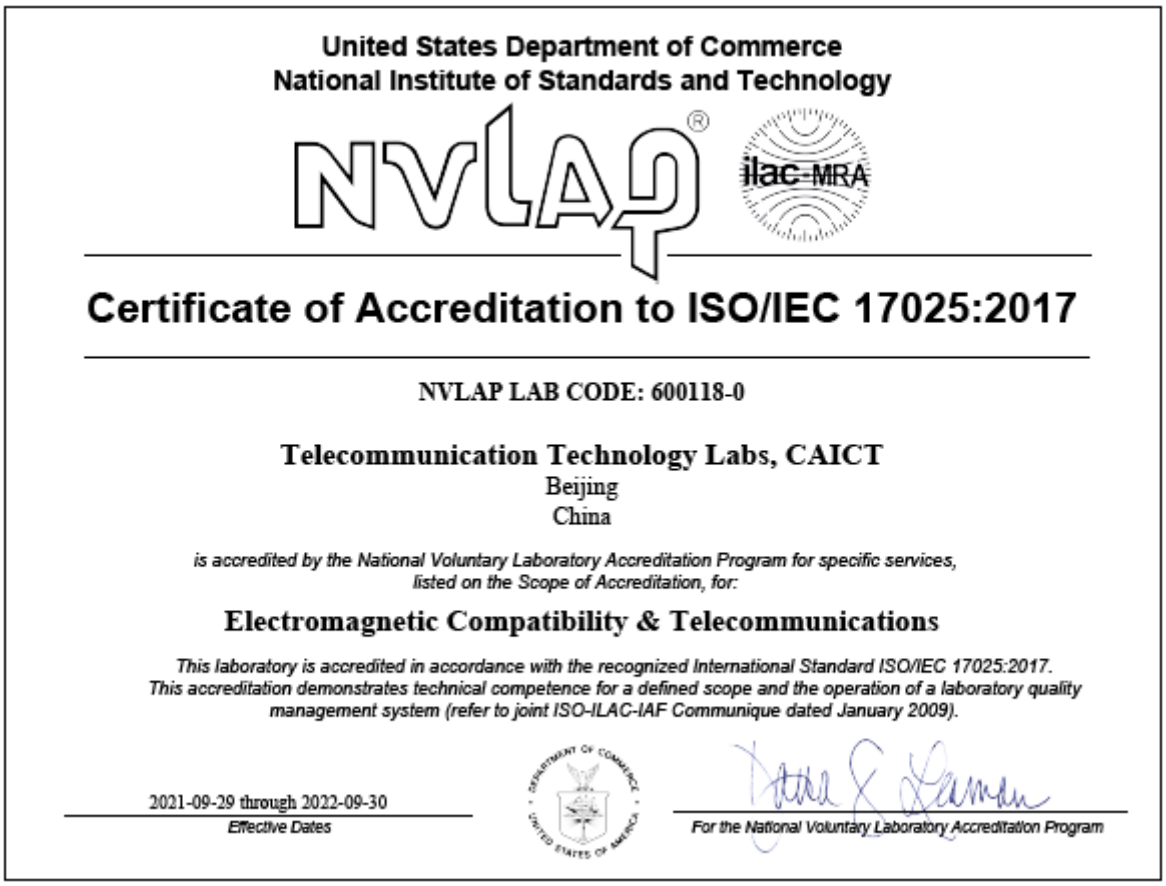
ANNEX B: EUT parameters

Disclaimer: The antenna gain and 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



United States Department of Commerce
National Institute of Standards and Technology

NVLAP® ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

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).

2021-09-29 through 2022-09-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program

*** **END OF REPORT BODY** ***

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