

14.6.2 Test data for 802.11 ax(HE40) WLAN Mode

-. 26 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.39 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
26	102	0

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5456.620	54.33	Peak	H	34.10	8.58	-	45.21	6.16	57.96	74.00	16.04
	5456.920	42.69	Average	H	34.10	8.58	0.44	45.21	6.16	46.76	54.00	7.24
	5459.320	54.32	Peak	V	34.10	8.58	-	45.21	6.16	57.95	74.00	16.05
	5428.000	42.60	Average	V	34.10	8.58	0.44	45.21	6.16	46.67	54.00	7.33

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 52 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 90.39 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
52	102	37

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5460.060	56.17	Peak	H	34.10	8.58	-	45.21	6.16	59.80	74.00	14.20
	5459.170	42.91	Average	H	34.10	8.58	0.44	45.21	6.16	46.98	54.00	7.02
	5390.080	53.24	Peak	V	34.10	8.58	-	45.21	6.16	56.87	74.00	17.13
	5450.770	42.62	Average	V	34.10	8.58	0.44	45.21	6.16	46.69	54.00	7.31

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 106 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.41 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
106	102	53

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5457.970	60.98	Peak	H	34.10	8.58	-	45.21	6.16	64.61	74.00	9.39
	5446.430	43.17	Average	H	34.10	8.58	0.44	45.21	6.16	47.24	54.00	6.76
	5458.570	54.87	Peak	V	34.10	8.58	-	45.21	6.16	58.50	74.00	15.50
	5421.700	42.59	Average	V	34.10	8.58	0.44	45.21	6.16	46.66	54.00	7.34

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 242 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 90.41 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
242	102	61

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5458.870	63.08	Peak	H	34.10	8.58	-	45.21	6.16	66.71	74.00	7.29
	5456.620	43.57	Average	H	34.10	8.58	0.44	45.21	6.16	47.64	54.00	6.36
	5459.920	60.64	Peak	V	34.10	8.58	-	45.21	6.16	64.27	74.00	9.73
	5454.520	42.60	Average	V	34.10	8.58	0.44	45.21	6.16	46.67	54.00	7.33

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 484 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.41 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
484	102	65

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5459.920	57.62	Peak	H	34.10	8.58	-	45.21	6.16	61.25	74.00	12.75
	5459.170	44.40	Average	H	34.10	8.58	0.44	45.21	6.16	48.47	54.00	5.53
	5424.250	53.74	Peak	V	34.10	8.58	-	45.21	6.16	57.37	74.00	16.63
	5457.970	42.60	Average	V	34.10	8.58	0.44	45.21	6.16	46.67	54.00	7.33

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. Single User

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 97.18 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
SU	102	-

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5459.316	62.04	Peak	H	34.10	8.58	-	45.21	6.16	65.67	74.00	8.33
	5458.566	47.74	Average	H	34.10	8.58	0.12	45.21	6.16	51.49	54.00	2.51
	5458.566	62.09	Peak	V	34.10	8.58	-	45.21	6.16	65.72	74.00	8.28
	5458.417	47.74	Average	V	34.10	8.58	0.12	45.21	6.16	51.49	54.00	2.51

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

14.6.3 Test data for 802.11 ax(HE80) WLAN Mode

-. 26 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.19 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
26	106	0

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5371.650	53.38	Peak	H	34.10	8.58	-	45.21	6.16	57.01	74.00	16.99
	5459.320	42.54	Average	H	34.10	8.58	0.55	45.21	6.16	46.72	54.00	7.28
	5431.290	53.42	Peak	V	34.10	8.58	-	45.21	6.16	57.05	74.00	16.95
	5421.400	42.57	Average	V	34.10	8.58	0.55	45.21	6.16	46.75	54.00	7.25

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 52 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.21 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
52	106	37

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5389.790	54.24	Peak	H	34.10	8.58	-	45.21	6.16	57.87	74.00	16.13
	5459.020	42.91	Average	H	34.10	8.58	0.55	45.21	6.16	47.09	54.00	6.92
	5416.760	54.82	Peak	V	34.10	8.58	-	45.21	6.16	58.45	74.00	15.55
	5416.910	42.45	Average	V	34.10	8.58	0.55	45.21	6.16	46.63	54.00	7.37

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 106 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
106	106	53

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5373.600	54.46	Peak	H	34.10	8.58	-	45.21	6.16	58.09	74.00	15.91
	5459.920	42.88	Average	H	34.10	8.58	0.55	45.21	6.16	47.06	54.00	6.94
	5439.090	53.25	Peak	V	34.10	8.58	-	45.21	6.16	56.88	74.00	17.12
	5392.180	42.55	Average	V	34.10	8.58	0.55	45.21	6.16	46.73	54.00	7.27

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 242 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
242	106	61

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5401.770	54.16	Peak	H	34.10	8.58	-	45.21	6.16	57.79	74.00	16.21
	5382.590	42.73	Average	H	34.10	8.58	0.55	45.21	6.16	46.91	54.00	7.10
	5425.000	53.02	Peak	V	34.10	8.58	-	45.21	6.16	56.65	74.00	17.35
	5367.160	42.62	Average	V	34.10	8.58	0.55	45.21	6.16	46.80	54.00	7.21

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 484 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
484	106	65

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5365.660	54.19	Peak	H	34.10	8.58	-	45.21	6.16	57.82	74.00	16.18
	5425.000	42.79	Average	H	34.10	8.58	0.55	45.21	6.16	46.97	54.00	7.04
	5367.010	53.46	Peak	V	34.10	8.58	-	45.21	6.16	57.09	74.00	16.91
	5457.220	42.32	Average	V	34.10	8.58	0.55	45.21	6.16	46.50	54.00	7.51

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 996 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
996	106	67

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5455.570	55.57	Peak	H	34.10	8.58	-	45.21	6.16	59.20	74.00	14.80
	5459.920	44.91	Average	H	34.10	8.58	0.55	45.21	6.16	49.09	54.00	4.92
	5378.250	54.12	Peak	V	34.10	8.58	-	45.21	6.16	57.75	74.00	16.25
	5459.770	42.83	Average	V	34.10	8.58	0.55	45.21	6.16	47.01	54.00	6.99

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain -}$$

Single User

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 94.81 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
SU	106	-

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5435.789	60.04	Peak	H	34.10	8.58	-	45.21	6.16	63.67	74.00	10.33
	5460.065	46.90	Average	H	34.10	8.58	0.23	45.21	6.16	50.76	54.00	3.24
	5434.890	59.88	Peak	V	34.10	8.58	-	45.21	6.16	63.51	74.00	10.49
	5459.915	46.52	Average	V	34.10	8.58	0.23	45.21	6.16	50.38	54.00	3.62

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

14.7 Test data for Frequency UNII-3

14.7.1 Test data for 802.11 ax(HE20) WLAN Mode

- . 26 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 87.53 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
26	149	0
	165	8

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5666.160	52.24	Peak	H	34.10	8.71	-	45.31	6.15	55.89	80.16	24.27
	5719.990	53.90	Peak	H	34.10	8.71	-	45.31	6.15	57.55	110.80	53.25
	5720.270	53.92	Peak	H	34.10	8.71	-	45.31	6.15	57.57	111.42	53.85
	5853.400	51.53	Peak	H	34.40	8.91	-	45.19	6.14	55.79	114.45	58.66
	5857.630	52.34	Peak	H	34.40	8.91	-	45.19	6.14	56.60	110.06	53.46
	5885.660	52.70	Peak	H	34.40	8.91	-	45.19	6.14	56.96	97.31	40.35
	5663.110	52.96	Peak	V	34.10	8.71	-	45.31	6.15	56.61	77.90	21.29
	5713.440	52.72	Peak	V	34.10	8.71	-	45.31	6.15	56.37	108.96	52.59
	5723.140	58.45	Peak	V	34.10	8.71	-	45.31	6.15	62.10	117.96	55.86
	5852.300	51.54	Peak	V	34.40	8.91	-	45.19	6.14	55.80	116.96	61.16
	5867.500	53.11	Peak	V	34.40	8.91	-	45.19	6.14	57.37	107.30	49.93
5893.110	53.85	Peak	V	34.40	8.91	-	45.19	6.14	58.11	91.80	33.69	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5696.780	51.64	Peak	H	34.10	8.71	-	45.31	6.15	55.29	91.21	35.92
	5710.560	51.73	Peak	H	34.10	8.71	-	45.31	6.15	55.38	109.28	53.90
	5724.760	51.73	Peak	H	34.10	8.71	-	45.31	6.15	55.38	117.28	61.90
	5853.430	52.30	Peak	H	34.40	8.91	-	45.19	6.14	56.56	116.34	59.78
	5873.510	52.39	Peak	H	34.40	8.91	-	45.19	6.14	56.65	106.47	49.82
	5883.720	52.27	Peak	H	34.40	8.91	-	45.19	6.14	56.53	79.42	22.89
	5680.540	53.14	Peak	V	34.10	8.71	-	45.31	6.15	56.79	90.80	34.01
	5718.050	53.16	Peak	V	34.10	8.71	-	45.31	6.15	56.81	110.25	53.44
	5722.340	51.50	Peak	V	34.10	8.71	-	45.31	6.15	55.15	116.14	60.99
	5850.760	54.83	Peak	V	34.40	8.91	-	45.19	6.14	59.09	120.47	61.38
	5868.100	53.06	Peak	V	34.40	8.91	-	45.19	6.14	57.32	107.13	49.81
5880.370	53.38	Peak	V	34.40	8.91	-	45.19	6.14	57.64	101.23	43.59	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 52 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 87.53 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
52	149	37
	165	52

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5693.130	51.71	Peak	H	34.10	8.71	-	45.31	6.15	55.36	100.12	44.76
	5712.980	51.39	Peak	H	34.10	8.71	-	45.31	6.15	55.04	108.83	53.79
	5722.350	55.41	Peak	H	34.10	8.71	-	45.31	6.15	59.06	116.16	57.10
	5853.690	51.41	Peak	H	34.40	8.91	-	45.19	6.14	55.67	113.79	58.12
	5869.380	53.55	Peak	H	34.40	8.91	-	45.19	6.14	57.81	106.77	48.96
	5899.100	51.90	Peak	H	34.40	8.91	-	45.19	6.14	56.16	87.37	31.21
	5675.750	53.78	Peak	V	34.10	8.71	-	45.31	6.15	57.43	87.26	29.83
	5701.530	52.37	Peak	V	34.10	8.71	-	45.31	6.15	56.02	105.63	49.61
	5723.410	51.99	Peak	V	34.10	8.71	-	45.31	6.15	55.64	118.57	62.93
	5851.950	51.72	Peak	V	34.40	8.91	-	45.19	6.14	55.98	117.75	61.77
	5873.970	53.21	Peak	V	34.40	8.91	-	45.19	6.14	57.47	105.49	48.02
5917.180	52.33	Peak	V	34.40	8.91	-	45.19	6.14	56.59	73.99	17.40	

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OTC-TRF-RF-001(0)

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5669.660	51.39	Peak	H	34.10	8.71	-	45.31	6.15	55.04	82.75	27.71
	5701.450	50.87	Peak	H	34.10	8.71	-	45.31	6.15	54.52	105.61	51.09
	5720.800	51.35	Peak	H	34.10	8.71	-	45.31	6.15	55.00	112.62	57.62
	5850.390	52.35	Peak	H	34.40	8.91	-	45.19	6.14	56.61	121.31	64.70
	5867.600	52.93	Peak	H	34.40	8.91	-	45.19	6.14	57.19	107.27	50.08
	5901.250	52.83	Peak	H	34.40	8.91	-	45.19	6.14	57.09	85.78	28.69
	5679.550	52.32	Peak	V	34.10	8.71	-	45.31	6.15	55.97	90.07	34.10
	5709.080	52.28	Peak	V	34.10	8.71	-	45.31	6.15	55.93	107.74	51.81
	5722.870	53.40	Peak	V	34.10	8.71	-	45.31	6.15	57.05	117.34	60.29
	5852.750	53.06	Peak	V	34.40	8.91	-	45.19	6.14	57.32	115.93	58.61
	5862.400	53.42	Peak	V	34.40	8.91	-	45.19	6.14	57.68	108.73	51.05
5878.070	53.13	Peak	V	34.40	8.91	-	45.19	6.14	57.39	102.93	45.54	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 106 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 87.46 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
106	149	53
	165	60

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5660.810	52.84	Peak	H	34.10	8.71	-	45.31	6.15	56.49	76.20	19.71
	5711.260	51.42	Peak	H	34.10	8.71	-	45.31	6.15	55.07	108.35	53.28
	5722.360	52.74	Peak	H	34.10	8.71	-	45.31	6.15	56.39	116.18	59.79
	5855.000	51.08	Peak	H	34.40	8.91	-	45.19	6.14	55.34	110.80	55.46
	5873.530	52.59	Peak	H	34.40	8.91	-	45.19	6.14	56.85	105.61	48.76
	5910.140	52.57	Peak	H	34.40	8.91	-	45.19	6.14	56.83	79.20	22.37
	5673.300	52.22	Peak	V	34.10	8.71	-	45.31	6.15	55.87	85.44	29.57
	5712.560	51.95	Peak	V	34.10	8.71	-	45.31	6.15	55.60	108.72	53.12
	5721.320	52.04	Peak	V	34.10	8.71	-	45.31	6.15	55.69	113.81	58.12
	5851.350	50.31	Peak	V	34.40	8.91	-	45.19	6.14	54.57	119.12	64.55
	5869.420	52.44	Peak	V	34.40	8.91	-	45.19	6.14	56.70	106.76	50.06
5882.820	52.90	Peak	V	34.40	8.91	-	45.19	6.14	57.16	99.41	42.25	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5699.980	51.10	Peak	H	34.10	8.71	-	45.31	6.15	54.75	105.19	50.44
	5705.840	50.96	Peak	H	34.10	8.71	-	45.31	6.15	54.61	106.84	52.23
	5720.000	50.76	Peak	H	34.10	8.71	-	45.31	6.15	54.41	110.80	56.39
	5854.290	52.18	Peak	H	34.40	8.91	-	45.19	6.14	56.44	112.42	55.98
	5868.700	53.04	Peak	H	34.40	8.91	-	45.19	6.14	57.30	106.96	49.66
	5891.360	52.94	Peak	H	34.40	8.91	-	45.19	6.14	57.20	93.09	35.89
	5661.660	52.32	Peak	V	34.10	8.71	-	45.31	6.15	55.97	76.83	20.86
	5712.700	51.77	Peak	V	34.10	8.71	-	45.31	6.15	55.42	108.76	53.34
	5724.850	51.77	Peak	V	34.10	8.71	-	45.31	6.15	55.42	121.86	66.44
	5850.210	52.22	Peak	V	34.40	8.91	-	45.19	6.14	56.48	121.72	65.24
	5869.240	52.86	Peak	V	34.40	8.91	-	45.19	6.14	57.12	106.81	49.69
5909.990	53.06	Peak	V	34.40	8.91	-	45.19	6.14	57.32	79.31	21.99	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 242 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 87.46 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
242	149	61
	165	61

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5684.790	51.27	Peak	H	34.10	8.71	-	45.31	6.15	54.92	93.94	39.02
	5709.120	51.64	Peak	H	34.10	8.71	-	45.31	6.15	55.29	107.75	52.46
	5725.000	56.38	Peak	H	34.10	8.71	-	45.31	6.15	60.03	122.20	62.17
	5850.550	50.85	Peak	H	34.40	8.91	-	45.19	6.14	55.11	120.95	65.84
	5870.010	51.88	Peak	H	34.40	8.91	-	45.19	6.14	56.14	106.60	50.46
	5903.800	52.48	Peak	H	34.40	8.91	-	45.19	6.14	56.74	83.89	27.15
	5657.820	51.32	Peak	V	34.10	8.71	-	45.31	6.15	54.97	73.99	19.02
	5719.890	52.05	Peak	V	34.10	8.71	-	45.31	6.15	55.70	110.77	55.07
	5725.000	54.15	Peak	V	34.10	8.71	-	45.31	6.15	57.80	122.20	64.40
	5853.800	51.67	Peak	V	34.40	8.91	-	45.19	6.14	55.93	113.54	57.61
	5859.130	51.19	Peak	V	34.40	8.91	-	45.19	6.14	55.45	109.64	54.19
5897.700	52.15	Peak	V	34.40	8.91	-	45.19	6.14	56.41	88.40	31.99	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5692.930	52.12	Peak	H	34.10	8.71	-	45.31	6.15	55.77	99.97	44.20
	5703.510	52.43	Peak	H	34.10	8.71	-	45.31	6.15	56.08	106.18	50.10
	5724.830	50.44	Peak	H	34.10	8.71	-	45.31	6.15	54.09	121.81	67.72
	5851.750	52.37	Peak	H	34.40	8.91	-	45.19	6.14	56.63	118.21	61.58
	5855.010	52.31	Peak	H	34.40	8.91	-	45.19	6.14	56.57	110.80	54.23
	5884.370	52.90	Peak	H	34.40	8.91	-	45.19	6.14	57.16	98.27	41.11
	5690.280	51.44	Peak	V	34.10	8.71	-	45.31	6.15	55.09	98.01	42.92
	5706.120	51.26	Peak	V	34.10	8.71	-	45.31	6.15	54.91	106.91	52.00
	5722.540	51.52	Peak	V	34.10	8.71	-	45.31	6.15	55.17	116.59	61.42
	5852.890	52.38	Peak	V	34.40	8.91	-	45.19	6.14	56.64	115.61	58.97
	5868.140	52.20	Peak	V	34.40	8.91	-	45.19	6.14	56.46	107.12	50.66
	5924.230	51.87	Peak	V	34.40	8.91	-	45.19	6.14	56.13	68.77	12.64

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. Single User

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 98.49 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
SU	149	-
	165	-

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5674.300	50.76	Peak	H	34.10	8.71	-	45.31	6.15	54.41	86.18	31.77
	5715.270	52.06	Peak	H	34.10	8.71	-	45.31	6.15	55.71	109.48	53.77
	5723.230	57.69	Peak	H	34.10	8.71	-	45.31	6.15	61.34	118.16	56.82
	5853.500	50.71	Peak	H	34.40	8.91	-	45.19	6.14	54.97	114.22	59.25
	5872.470	52.56	Peak	H	34.40	8.91	-	45.19	6.14	56.82	105.91	49.09
	5893.910	51.95	Peak	H	34.40	8.91	-	45.19	6.14	56.21	91.21	35.00
	5651.670	52.59	Peak	V	34.10	8.71	-	45.31	6.15	56.24	69.44	13.20
	5714.160	53.12	Peak	V	34.10	8.71	-	45.31	6.15	56.77	109.16	52.39
	5725.000	58.33	Peak	V	34.10	8.71	-	45.31	6.15	61.98	122.20	60.22
	5854.030	50.81	Peak	V	34.40	8.91	-	45.19	6.14	55.07	113.01	57.94
	5869.100	52.52	Peak	V	34.40	8.91	-	45.19	6.14	56.78	106.85	50.07
5885.210	52.48	Peak	V	34.40	8.91	-	45.19	6.14	56.74	97.64	40.90	

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Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5668.210	52.67	Peak	H	34.10	8.71	-	45.31	6.15	56.32	81.68	25.36
	5711.740	52.04	Peak	H	34.10	8.71	-	45.31	6.15	55.69	108.49	52.80
	5720.560	51.74	Peak	H	34.10	8.71	-	45.31	6.15	55.39	112.08	56.69
	5850.000	56.08	Peak	H	34.40	8.91	-	45.19	6.14	60.34	122.20	61.86
	5863.080	52.73	Peak	H	34.40	8.91	-	45.19	6.14	56.99	108.54	51.55
	5910.240	52.87	Peak	H	34.40	8.91	-	45.19	6.14	57.13	79.12	21.99
	5695.130	52.28	Peak	V	34.10	8.71	-	45.31	6.15	55.93	101.60	45.67
	5706.240	51.08	Peak	V	34.10	8.71	-	45.31	6.15	54.73	106.95	52.22
	5724.860	51.06	Peak	V	34.10	8.71	-	45.31	6.15	54.71	121.88	67.17
	5850.580	51.73	Peak	V	34.40	8.91	-	45.19	6.14	55.99	120.88	64.89
	5867.920	53.43	Peak	V	34.40	8.91	-	45.19	6.14	57.69	107.18	49.49
5902.200	52.82	Peak	V	34.40	8.91	-	45.19	6.14	57.08	85.07	27.99	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

14.7.2 Test data for 802.11 ax(HE40) WLAN Mode

-. 26 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.39 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
26	151	0
	159	17

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5698.680	58.36	Peak	H	34.10	8.71	-	45.31	6.15	62.01	104.22	42.21
	5719.910	65.12	Peak	H	34.10	8.71	-	45.31	6.15	68.77	110.77	42.00
	5724.100	67.78	Peak	H	34.10	8.71	-	45.31	6.15	71.43	120.15	48.72
	5851.350	54.36	Peak	H	34.40	8.91	-	45.19	6.14	58.62	119.12	60.50
	5857.090	54.46	Peak	H	34.40	8.91	-	45.19	6.14	58.72	110.21	51.49
	5903.800	53.58	Peak	H	34.40	8.91	-	45.19	6.14	57.84	83.89	26.05
	5695.780	56.62	Peak	V	34.10	8.71	-	45.31	6.15	60.27	102.08	41.81
	5717.610	63.41	Peak	V	34.10	8.71	-	45.31	6.15	67.06	110.13	43.07
	5724.080	66.43	Peak	V	34.10	8.71	-	45.31	6.15	70.08	120.10	50.02
	5852.540	54.05	Peak	V	34.40	8.91	-	45.19	6.14	58.31	116.41	58.10
	5865.840	54.61	Peak	V	34.40	8.91	-	45.19	6.14	58.87	107.76	48.89
5898.550	53.58	Peak	V	34.40	8.91	-	45.19	6.14	57.84	87.77	29.93	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5661.760	53.93	Peak	H	34.10	8.71	-	45.31	6.15	57.58	76.90	19.32
	5703.610	54.49	Peak	H	34.10	8.71	-	45.31	6.15	58.14	106.21	48.07
	5720.390	54.07	Peak	H	34.10	8.71	-	45.31	6.15	57.72	111.69	53.97
	5853.330	54.96	Peak	H	34.40	8.91	-	45.19	6.14	59.22	114.61	55.39
	5868.420	54.46	Peak	H	34.40	8.91	-	45.19	6.14	58.72	107.04	48.32
	5909.340	54.08	Peak	H	34.40	8.91	-	45.19	6.14	58.34	79.79	21.45
	5663.210	53.81	Peak	V	34.10	8.71	-	45.31	6.15	57.46	77.98	20.52
	5706.720	53.68	Peak	V	34.10	8.71	-	45.31	6.15	57.33	107.08	49.75
	5723.930	54.86	Peak	V	34.10	8.71	-	45.31	6.15	58.51	119.76	61.25
	5851.350	54.84	Peak	V	34.40	8.91	-	45.19	6.14	59.10	119.12	60.02
	5865.480	53.91	Peak	V	34.40	8.91	-	45.19	6.14	58.17	107.87	49.70
5917.730	54.36	Peak	V	34.40	8.91	-	45.19	6.14	58.62	73.58	14.96	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 52 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.39 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
52	151	37
	159	44

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5698.580	57.52	Peak	H	34.10	8.71	-	45.31	6.15	61.17	104.15	42.98
	5719.910	64.99	Peak	H	34.10	8.71	-	45.31	6.15	68.64	110.77	42.13
	5724.400	67.71	Peak	H	34.10	8.71	-	45.31	6.15	71.36	120.83	49.47
	5852.080	54.18	Peak	H	34.40	8.91	-	45.19	6.14	58.44	117.46	59.02
	5862.740	54.90	Peak	H	34.40	8.91	-	45.19	6.14	59.16	108.63	49.47
	5879.820	54.14	Peak	H	34.40	8.91	-	45.19	6.14	58.40	101.63	43.23
	5699.230	57.22	Peak	V	34.10	8.71	-	45.31	6.15	60.87	104.63	43.76
	5719.330	63.19	Peak	V	34.10	8.71	-	45.31	6.15	66.84	110.61	43.77
	5724.940	65.55	Peak	V	34.10	8.71	-	45.31	6.15	69.20	122.06	52.86
	5850.610	54.13	Peak	V	34.40	8.91	-	45.19	6.14	58.39	120.81	62.42
	5856.090	54.45	Peak	V	34.40	8.91	-	45.19	6.14	58.71	110.49	51.78
5897.700	53.82	Peak	V	34.40	8.91	-	45.19	6.14	58.08	88.40	30.32	

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Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5698.330	54.35	Peak	H	34.10	8.71	-	45.31	6.15	58.00	103.96	45.96
	5708.800	55.41	Peak	H	34.10	8.71	-	45.31	6.15	59.06	107.66	48.60
	5720.550	54.96	Peak	H	34.10	8.71	-	45.31	6.15	58.61	112.05	53.44
	5850.760	59.59	Peak	H	34.40	8.91	-	45.19	6.14	63.85	120.47	56.62
	5857.430	57.63	Peak	H	34.40	8.91	-	45.19	6.14	61.89	110.12	48.23
	5879.570	54.75	Peak	H	34.40	8.91	-	45.19	6.14	59.01	101.82	42.81
	5688.490	53.91	Peak	V	34.10	8.71	-	45.31	6.15	57.56	96.68	39.12
	5711.140	54.05	Peak	V	34.10	8.71	-	45.31	6.15	57.70	108.32	50.62
	5720.580	55.83	Peak	V	34.10	8.71	-	45.31	6.15	59.48	112.12	52.64
	5850.570	57.30	Peak	V	34.40	8.91	-	45.19	6.14	61.56	120.90	59.34
	5856.470	56.87	Peak	V	34.40	8.91	-	45.19	6.14	61.13	110.39	49.26
	5876.470	53.77	Peak	V	34.40	8.91	-	45.19	6.14	58.03	104.11	46.08

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 106 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.41 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
106	151	53
	159	56

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5698.630	59.82	Peak	H	34.10	8.71	-	45.31	6.15	63.47	104.19	40.72
	5719.190	66.00	Peak	H	34.10	8.71	-	45.31	6.15	69.65	110.57	40.92
	5723.570	67.89	Peak	H	34.10	8.71	-	45.31	6.15	71.54	118.94	47.40
	5853.550	54.37	Peak	H	34.40	8.91	-	45.19	6.14	58.63	114.11	55.48
	5867.880	54.67	Peak	H	34.40	8.91	-	45.19	6.14	58.93	107.19	48.26
	5878.070	54.79	Peak	H	34.40	8.91	-	45.19	6.14	59.05	102.93	43.88
	5698.330	58.94	Peak	V	34.10	8.71	-	45.31	6.15	62.59	103.96	41.37
	5717.570	65.31	Peak	V	34.10	8.71	-	45.31	6.15	68.96	110.12	41.16
	5724.390	67.61	Peak	V	34.10	8.71	-	45.31	6.15	71.26	120.81	49.55
	5850.940	54.25	Peak	V	34.40	8.91	-	45.19	6.14	58.51	120.06	61.55
	5867.800	53.95	Peak	V	34.40	8.91	-	45.19	6.14	58.21	107.22	49.01
5921.830	54.16	Peak	V	34.40	8.91	-	45.19	6.14	58.42	70.55	12.13	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5683.840	53.49	Peak	H	34.10	8.71	-	45.31	6.15	57.14	93.24	36.10
	5719.270	55.26	Peak	H	34.10	8.71	-	45.31	6.15	58.91	110.60	51.69
	5720.570	55.24	Peak	H	34.10	8.71	-	45.31	6.15	58.89	112.10	53.21
	5852.590	58.58	Peak	H	34.40	8.91	-	45.19	6.14	62.84	116.29	53.45
	5863.880	56.53	Peak	H	34.40	8.91	-	45.19	6.14	60.79	108.31	47.52
	5911.140	54.67	Peak	H	34.40	8.91	-	45.19	6.14	58.93	78.46	19.53
	5668.610	53.36	Peak	V	34.10	8.71	-	45.31	6.15	57.01	81.97	24.96
	5715.390	54.84	Peak	V	34.10	8.71	-	45.31	6.15	58.49	109.51	51.02
	5721.000	55.22	Peak	V	34.10	8.71	-	45.31	6.15	58.87	113.08	54.21
	5854.530	56.99	Peak	V	34.40	8.91	-	45.19	6.14	61.25	111.87	50.62
	5856.310	56.12	Peak	V	34.40	8.91	-	45.19	6.14	60.38	110.43	50.05
	5919.780	54.26	Peak	V	34.40	8.91	-	45.19	6.14	58.52	72.06	13.54

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 242 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 90.41 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
242	151	61
	159	62

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5697.480	60.40	Peak	H	34.10	8.71	-	45.31	6.15	64.05	103.34	39.29
	5715.990	67.20	Peak	H	34.10	8.71	-	45.31	6.15	70.85	109.68	38.83
	5724.990	71.97	Peak	H	34.10	8.71	-	45.31	6.15	75.62	122.18	46.56
	5850.320	54.23	Peak	H	34.40	8.91	-	45.19	6.14	58.49	121.47	62.98
	5862.660	54.30	Peak	H	34.40	8.91	-	45.19	6.14	58.56	108.66	50.10
	5906.640	54.60	Peak	H	34.40	8.91	-	45.19	6.14	58.86	81.79	22.93
	5699.430	60.48	Peak	V	34.10	8.71	-	45.31	6.15	64.13	104.78	40.65
	5719.670	68.32	Peak	V	34.10	8.71	-	45.31	6.15	71.97	110.71	38.74
	5724.690	71.11	Peak	V	34.10	8.71	-	45.31	6.15	74.76	121.49	46.73
	5851.800	54.00	Peak	V	34.40	8.91	-	45.19	6.14	58.26	118.10	59.84
	5864.180	53.80	Peak	V	34.40	8.91	-	45.19	6.14	58.06	108.23	50.17
	5878.820	54.08	Peak	V	34.40	8.91	-	45.19	6.14	58.34	102.37	44.03

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Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5699.080	56.78	Peak	H	34.10	8.71	-	45.31	6.15	60.43	104.52	44.09
	5714.080	59.55	Peak	H	34.10	8.71	-	45.31	6.15	63.20	109.14	45.94
	5724.600	60.16	Peak	H	34.10	8.71	-	45.31	6.15	63.81	121.29	57.48
	5851.130	62.19	Peak	H	34.40	8.91	-	45.19	6.14	66.45	119.62	53.17
	5856.290	60.66	Peak	H	34.40	8.91	-	45.19	6.14	64.92	110.44	45.52
	5885.560	55.22	Peak	H	34.40	8.91	-	45.19	6.14	59.48	97.39	37.91
	5695.630	55.71	Peak	V	34.10	8.71	-	45.31	6.15	59.36	101.97	42.61
	5718.910	57.59	Peak	V	34.10	8.71	-	45.31	6.15	61.24	110.49	49.25
	5720.950	58.94	Peak	V	34.10	8.71	-	45.31	6.15	62.59	112.97	50.38
	5850.830	60.79	Peak	V	34.40	8.91	-	45.19	6.14	65.05	120.31	55.26
	5855.650	58.85	Peak	V	34.40	8.91	-	45.19	6.14	63.11	110.62	47.51
	5875.920	55.78	Peak	V	34.40	8.91	-	45.19	6.14	60.04	104.52	44.48

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 484 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 90.41 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
484	151	65
	159	65

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5678.900	54.03	Peak	H	34.10	8.71	-	45.31	6.15	57.68	89.59	31.91
	5718.970	64.90	Peak	H	34.10	8.71	-	45.31	6.15	68.55	110.51	41.96
	5724.130	64.11	Peak	H	34.10	8.71	-	45.31	6.15	67.76	120.22	52.46
	5850.530	54.17	Peak	H	34.40	8.91	-	45.19	6.14	58.43	120.99	62.56
	5872.830	53.85	Peak	H	34.40	8.91	-	45.19	6.14	58.11	105.81	47.70
	5886.310	54.08	Peak	H	34.40	8.91	-	45.19	6.14	58.34	96.83	38.49
	5698.080	54.47	Peak	V	34.10	8.71	-	45.31	6.15	58.12	103.78	45.66
	5719.850	60.60	Peak	V	34.10	8.71	-	45.31	6.15	64.25	110.76	46.51
	5722.860	60.50	Peak	V	34.10	8.71	-	45.31	6.15	64.15	117.32	53.17
	5853.960	54.01	Peak	V	34.40	8.91	-	45.19	6.14	58.27	113.17	54.90
	5867.600	53.96	Peak	V	34.40	8.91	-	45.19	6.14	58.22	107.27	49.05
5904.500	53.56	Peak	V	34.40	8.91	-	45.19	6.14	57.82	83.37	25.55	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5676.200	53.52	Peak	H	34.10	8.71	-	45.31	6.15	57.17	87.59	30.42
	5708.980	54.61	Peak	H	34.10	8.71	-	45.31	6.15	58.26	107.71	49.45
	5721.980	55.28	Peak	H	34.10	8.71	-	45.31	6.15	58.93	115.31	56.38
	5850.280	57.56	Peak	H	34.40	8.91	-	45.19	6.14	61.82	121.56	59.74
	5856.850	54.93	Peak	H	34.40	8.91	-	45.19	6.14	59.19	110.28	51.09
	5907.690	54.27	Peak	H	34.40	8.91	-	45.19	6.14	58.53	81.01	22.48
	5673.700	53.46	Peak	V	34.10	8.71	-	45.31	6.15	57.11	85.74	28.63
	5717.050	54.17	Peak	V	34.10	8.71	-	45.31	6.15	57.82	109.97	52.15
	5724.760	54.19	Peak	V	34.10	8.71	-	45.31	6.15	57.84	121.65	63.81
	5853.920	55.62	Peak	V	34.40	8.91	-	45.19	6.14	59.88	113.26	53.38
	5856.610	54.61	Peak	V	34.40	8.91	-	45.19	6.14	58.87	110.35	51.48
5881.920	54.50	Peak	V	34.40	8.91	-	45.19	6.14	58.76	100.08	41.32	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. Single User

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 97.18 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
SU	151	-
	159	-

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5693.630	56.12	Peak	H	34.10	8.71	-	45.31	6.15	59.77	100.49	40.72
	5719.050	66.26	Peak	H	34.10	8.71	-	45.31	6.15	69.91	110.53	40.62
	5723.940	69.41	Peak	H	34.10	8.71	-	45.31	6.15	73.06	119.78	46.72
	5850.420	53.96	Peak	H	34.40	8.91	-	45.19	6.14	58.22	121.24	63.02
	5858.450	54.23	Peak	H	34.40	8.91	-	45.19	6.14	58.49	109.83	51.34
	5902.700	54.13	Peak	H	34.40	8.91	-	45.19	6.14	58.39	84.70	26.31
	5696.780	56.60	Peak	V	34.10	8.71	-	45.31	6.15	60.25	102.82	42.57
	5715.690	65.77	Peak	V	34.10	8.71	-	45.31	6.15	69.42	109.59	40.17
	5724.390	66.92	Peak	V	34.10	8.71	-	45.31	6.15	70.57	120.81	50.24
	5853.340	53.89	Peak	V	34.40	8.91	-	45.19	6.14	58.15	114.58	56.43
	5871.050	54.25	Peak	V	34.40	8.91	-	45.19	6.14	58.51	106.31	47.80
5876.620	54.73	Peak	V	34.40	8.91	-	45.19	6.14	58.99	104.00	45.01	

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Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
High ch.	5670.450	53.36	Peak	H	34.10	8.71	-	45.31	6.15	57.01	83.33	26.32
	5717.190	53.55	Peak	H	34.10	8.71	-	45.31	6.15	57.20	110.01	52.81
	5724.890	55.41	Peak	H	34.10	8.71	-	45.31	6.15	59.06	121.95	62.89
	5854.450	56.77	Peak	H	34.40	8.91	-	45.19	6.14	61.03	112.05	51.02
	5855.150	54.58	Peak	H	34.40	8.91	-	45.19	6.14	58.84	110.76	51.92
	5899.800	53.84	Peak	H	34.40	8.91	-	45.19	6.14	58.10	86.85	28.75
	5691.930	54.05	Peak	V	34.10	8.71	-	45.31	6.15	57.70	99.23	41.53
	5713.320	54.53	Peak	V	34.10	8.71	-	45.31	6.15	58.18	108.93	50.75
	5723.890	54.22	Peak	V	34.10	8.71	-	45.31	6.15	57.87	119.67	61.80
	5850.580	55.28	Peak	V	34.40	8.91	-	45.19	6.14	59.54	120.88	61.34
	5856.410	53.93	Peak	V	34.40	8.91	-	45.19	6.14	58.19	110.41	52.22
5882.420	53.62	Peak	V	34.40	8.91	-	45.19	6.14	57.88	99.71	41.83	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

14.7.3 Test data for 802.11 ax(HE80) WLAN Mode

-. 26 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.19 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
26	155	0
	165	36

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [0].	5666.760	54.99	Peak	H	34.10	8.71	-	45.31	6.15	58.64	80.60	21.96
	5700.730	53.76	Peak	H	34.10	8.71	-	45.31	6.15	57.41	105.40	47.99
	5724.990	55.91	Peak	H	34.10	8.71	-	45.31	6.15	59.56	122.18	62.62
	5853.360	54.56	Peak	H	34.40	8.91	-	45.19	6.14	58.82	114.54	55.72
	5862.480	54.25	Peak	H	34.40	8.91	-	45.19	6.14	58.51	108.71	50.20
	5884.870	53.92	Peak	H	34.40	8.91	-	45.19	6.14	58.18	97.90	39.72
	5660.260	54.90	Peak	V	34.10	8.71	-	45.31	6.15	58.55	75.79	17.24
	5718.630	54.12	Peak	V	34.10	8.71	-	45.31	6.15	57.77	110.42	52.65
	5723.180	55.15	Peak	V	34.10	8.71	-	45.31	6.15	58.80	118.05	59.25
	5850.750	54.36	Peak	V	34.40	8.91	-	45.19	6.14	58.62	120.49	61.87
	5869.480	54.19	Peak	V	34.40	8.91	-	45.19	6.14	58.45	106.75	48.30
5895.900	53.99	Peak	V	34.40	8.91	-	45.19	6.14	58.25	89.73	31.48	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [36]	5668.560	54.16	Peak	H	34.10	8.71	-	45.31	6.15	57.81	81.93	24.12
	5708.980	53.78	Peak	H	34.10	8.71	-	45.31	6.15	57.43	107.71	50.28
	5723.580	54.92	Peak	H	34.10	8.71	-	45.31	6.15	58.57	118.96	60.39
	5852.880	54.16	Peak	H	34.40	8.91	-	45.19	6.14	58.42	115.63	57.21
	5874.930	54.31	Peak	H	34.40	8.91	-	45.19	6.14	58.57	105.22	46.65
	5902.800	54.73	Peak	H	34.40	8.91	-	45.19	6.14	58.99	84.63	25.64
	5692.280	54.76	Peak	V	34.10	8.71	-	45.31	6.15	58.41	99.49	41.08
	5704.910	54.59	Peak	V	34.10	8.71	-	45.31	6.15	58.24	106.57	48.33
	5724.050	55.07	Peak	V	34.10	8.71	-	45.31	6.15	58.72	120.03	61.31
	5850.280	54.75	Peak	V	34.40	8.91	-	45.19	6.14	59.01	121.56	62.55
	5872.770	54.90	Peak	V	34.40	8.91	-	45.19	6.14	59.16	105.82	46.66
	5879.720	54.42	Peak	V	34.40	8.91	-	45.19	6.14	58.68	101.71	43.03

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 52 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
52	155	37
		52

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [37]	5671.100	54.02	Peak	H	34.10	8.71	-	45.31	6.15	57.67	83.81	26.14
	5709.060	54.15	Peak	H	34.10	8.71	-	45.31	6.15	57.80	107.74	49.94
	5722.920	54.94	Peak	H	34.10	8.71	-	45.31	6.15	58.59	117.46	58.87
	5852.090	54.21	Peak	H	34.40	8.91	-	45.19	6.14	58.47	117.43	58.96
	5861.740	54.56	Peak	H	34.40	8.91	-	45.19	6.14	58.82	108.91	50.09
	5889.260	55.60	Peak	H	34.40	8.91	-	45.19	6.14	59.86	94.65	34.79
	5682.690	53.81	Peak	V	34.10	8.71	-	45.31	6.15	57.46	92.39	34.93
	5706.220	54.03	Peak	V	34.10	8.71	-	45.31	6.15	57.68	106.94	49.26
	5724.850	56.50	Peak	V	34.10	8.71	-	45.31	6.15	60.15	121.86	61.71
	5852.650	54.31	Peak	V	34.40	8.91	-	45.19	6.14	58.57	116.16	57.59
	5864.640	54.42	Peak	V	34.40	8.91	-	45.19	6.14	58.68	108.10	49.42
	5912.440	54.19	Peak	V	34.40	8.91	-	45.19	6.14	58.45	77.49	19.04

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [52]	5692.780	53.63	Peak	H	34.10	8.71	-	45.31	6.15	57.28	99.86	42.58
	5705.460	53.46	Peak	H	34.10	8.71	-	45.31	6.15	57.11	106.73	49.62
	5723.300	53.80	Peak	H	34.10	8.71	-	45.31	6.15	57.45	118.32	60.87
	5852.660	54.26	Peak	H	34.40	8.91	-	45.19	6.14	58.52	116.14	57.62
	5868.580	54.18	Peak	H	34.40	8.91	-	45.19	6.14	58.44	107.00	48.56
	5887.860	55.40	Peak	H	34.40	8.91	-	45.19	6.14	59.66	95.68	36.02
	5697.780	54.84	Peak	V	34.10	8.71	-	45.31	6.15	58.49	103.56	45.07
	5702.510	54.32	Peak	V	34.10	8.71	-	45.31	6.15	57.97	105.90	47.93
	5722.670	53.87	Peak	V	34.10	8.71	-	45.31	6.15	57.52	116.89	59.37
	5850.780	53.89	Peak	V	34.40	8.91	-	45.19	6.14	58.15	120.42	62.27
	5855.850	53.66	Peak	V	34.40	8.91	-	45.19	6.14	57.92	110.56	52.64
5919.280	54.40	Peak	V	34.40	8.91	-	45.19	6.14	58.66	72.43	13.77	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 106 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.21 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
106	155	53
		60

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [53]	5674.200	54.21	Peak	H	34.10	8.71	-	45.31	6.15	57.86	86.11	28.25
	5713.120	54.51	Peak	H	34.10	8.71	-	45.31	6.15	58.16	108.87	50.71
	5724.630	56.00	Peak	H	34.10	8.71	-	45.31	6.15	59.65	121.36	61.71
	5851.910	55.10	Peak	H	34.40	8.91	-	45.19	6.14	59.36	117.85	58.49
	5871.470	54.27	Peak	H	34.40	8.91	-	45.19	6.14	58.53	106.19	47.66
	5880.120	53.65	Peak	H	34.40	8.91	-	45.19	6.14	57.91	101.41	43.50
	5682.840	54.15	Peak	V	34.10	8.71	-	45.31	6.15	57.80	92.50	34.70
	5706.080	54.21	Peak	V	34.10	8.71	-	45.31	6.15	57.86	106.90	49.04
	5720.440	54.76	Peak	V	34.10	8.71	-	45.31	6.15	58.41	111.80	53.39
	5853.070	54.99	Peak	V	34.40	8.91	-	45.19	6.14	59.25	115.20	55.95
	5867.200	54.45	Peak	V	34.40	8.91	-	45.19	6.14	58.71	107.38	48.67
	5921.530	54.36	Peak	V	34.40	8.91	-	45.19	6.14	58.62	70.77	12.15

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OTC-TRF-RF-001(0)

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [60]	5679.150	54.07	Peak	H	34.10	8.71	-	45.31	6.15	57.72	89.77	32.05
	5716.310	53.68	Peak	H	34.10	8.71	-	45.31	6.15	57.33	109.77	52.44
	5722.560	53.78	Peak	H	34.10	8.71	-	45.31	6.15	57.43	116.64	59.21
	5853.150	54.04	Peak	H	34.40	8.91	-	45.19	6.14	58.30	115.02	56.72
	5865.600	54.11	Peak	H	34.40	8.91	-	45.19	6.14	58.37	107.83	49.46
	5882.320	54.28	Peak	H	34.40	8.91	-	45.19	6.14	58.54	99.78	41.24
	5669.060	54.18	Peak	V	34.10	8.71	-	45.31	6.15	57.83	82.30	24.47
	5708.960	54.26	Peak	V	34.10	8.71	-	45.31	6.15	57.91	107.71	49.80
	5723.150	54.85	Peak	V	34.10	8.71	-	45.31	6.15	58.50	117.98	59.48
	5851.630	54.87	Peak	V	34.40	8.91	-	45.19	6.14	59.13	118.48	59.35
	5865.580	54.53	Peak	V	34.40	8.91	-	45.19	6.14	58.79	107.84	49.05
5892.460	54.51	Peak	V	34.40	8.91	-	45.19	6.14	58.77	92.28	33.51	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 242 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.21 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
242	155	61
		64

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [61]	5654.720	53.79	Peak	H	34.10	8.71	-	45.31	6.15	57.44	71.69	14.25
	5719.490	54.99	Peak	H	34.10	8.71	-	45.31	6.15	58.64	110.66	52.02
	5724.860	61.41	Peak	H	34.10	8.71	-	45.31	6.15	65.06	121.88	56.82
	5851.790	54.27	Peak	H	34.40	8.91	-	45.19	6.14	58.53	118.12	59.59
	5865.180	54.25	Peak	H	34.40	8.91	-	45.19	6.14	58.51	107.95	49.44
	5899.050	54.30	Peak	H	34.40	8.91	-	45.19	6.14	58.56	87.40	28.84
	5677.950	54.20	Peak	V	34.10	8.71	-	45.31	6.15	57.85	88.88	31.03
	5703.310	54.47	Peak	V	34.10	8.71	-	45.31	6.15	58.12	106.13	48.01
	5725.000	59.09	Peak	V	34.10	8.71	-	45.31	6.15	62.74	122.20	59.46
	5854.790	54.38	Peak	V	34.40	8.91	-	45.19	6.14	58.64	111.28	52.64
	5869.060	54.41	Peak	V	34.40	8.91	-	45.19	6.14	58.67	106.86	48.19
5914.940	54.01	Peak	V	34.40	8.91	-	45.19	6.14	58.27	75.64	17.37	

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OTC-TRF-RF-001(0)

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [64]	5694.530	53.68	Peak	H	34.10	8.71	-	45.31	6.15	57.33	101.15	43.82
	5708.020	53.85	Peak	H	34.10	8.71	-	45.31	6.15	57.50	107.45	49.95
	5724.940	57.90	Peak	H	34.10	8.71	-	45.31	6.15	61.55	122.06	60.51
	5851.920	54.08	Peak	H	34.40	8.91	-	45.19	6.14	58.34	117.82	59.48
	5867.160	55.07	Peak	H	34.40	8.91	-	45.19	6.14	59.33	107.40	48.07
	5913.540	54.52	Peak	H	34.40	8.91	-	45.19	6.14	58.78	76.68	17.90
	5688.940	53.88	Peak	V	34.10	8.71	-	45.31	6.15	57.53	97.02	39.49
	5716.990	54.30	Peak	V	34.10	8.71	-	45.31	6.15	57.95	109.96	52.01
	5724.570	55.57	Peak	V	34.10	8.71	-	45.31	6.15	59.22	121.22	62.00
	5851.900	53.77	Peak	V	34.40	8.91	-	45.19	6.14	58.03	117.87	59.84
	5870.630	54.21	Peak	V	34.40	8.91	-	45.19	6.14	58.47	106.42	47.95
5912.990	53.98	Peak	V	34.40	8.91	-	45.19	6.14	58.24	77.09	18.85	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

- . 484 Tone

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 40 GHz
- . Measurement distance : 3 m
- . Duty Cycle : 88.21 %
- . Operating mode : Transmitting mode

Tone	Channel	RU Index
484	155	65
		66

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [65]	5656.820	53.66	Peak	H	34.10	8.71	-	45.31	6.15	57.31	73.25	15.94
	5717.730	59.96	Peak	H	34.10	8.71	-	45.31	6.15	63.61	110.16	46.55
	5721.050	66.00	Peak	H	34.10	8.71	-	45.31	6.15	69.65	113.19	43.54
	5854.120	54.43	Peak	H	34.40	8.91	-	45.19	6.14	58.69	112.81	54.12
	5856.850	53.83	Peak	H	34.40	8.91	-	45.19	6.14	58.09	110.28	52.19
	5881.020	54.90	Peak	H	34.40	8.91	-	45.19	6.14	59.16	100.75	41.59
	5664.910	53.70	Peak	V	34.10	8.71	-	45.31	6.15	57.35	79.23	21.88
	5719.570	57.22	Peak	V	34.10	8.71	-	45.31	6.15	60.87	110.68	49.81
	5721.350	60.21	Peak	V	34.10	8.71	-	45.31	6.15	63.86	113.88	50.02
	5853.560	54.31	Peak	V	34.40	8.91	-	45.19	6.14	58.57	114.08	55.51
	5864.180	54.15	Peak	V	34.40	8.91	-	45.19	6.14	58.41	108.23	49.82
5884.170	54.95	Peak	V	34.40	8.91	-	45.19	6.14	59.21	98.41	39.20	

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [66]	5698.480	54.34	Peak	H	34.10	8.71	-	45.31	6.15	57.99	104.08	46.09
	5701.850	53.83	Peak	H	34.10	8.71	-	45.31	6.15	57.48	105.72	48.24
	5724.070	56.32	Peak	H	34.10	8.71	-	45.31	6.15	59.97	120.08	60.11
	5853.260	54.68	Peak	H	34.40	8.91	-	45.19	6.14	58.94	114.77	55.83
	5860.780	55.11	Peak	H	34.40	8.91	-	45.19	6.14	59.37	109.18	49.81
	5895.400	54.28	Peak	H	34.40	8.91	-	45.19	6.14	58.54	90.10	31.56
	5699.430	53.76	Peak	V	34.10	8.71	-	45.31	6.15	57.41	104.78	47.37
	5702.390	54.50	Peak	V	34.10	8.71	-	45.31	6.15	58.15	105.87	47.72
	5723.800	54.49	Peak	V	34.10	8.71	-	45.31	6.15	58.14	119.46	61.32
	5851.700	54.07	Peak	V	34.40	8.91	-	45.19	6.14	58.33	118.32	59.99
	5855.350	53.95	Peak	V	34.40	8.91	-	45.19	6.14	58.21	110.70	52.49
	5882.020	54.47	Peak	V	34.40	8.91	-	45.19	6.14	58.73	100.01	41.28

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

-. 996 Tone

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 88.21 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
996	155	67

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
RU index [67]	5694.230	55.00	Peak	H	34.10	8.71	-	45.31	6.15	58.65	100.93	42.28
	5719.890	57.02	Peak	H	34.10	8.71	-	45.31	6.15	60.67	110.77	50.10
	5722.590	58.84	Peak	H	34.10	8.71	-	45.31	6.15	62.49	116.71	54.22
	5851.870	56.46	Peak	H	34.40	8.91	-	45.19	6.14	60.72	117.94	57.22
	5860.260	56.49	Peak	H	34.40	8.91	-	45.19	6.14	60.75	109.33	48.58
	5905.140	54.30	Peak	H	34.40	8.91	-	45.19	6.14	58.56	82.90	24.34
	5679.450	54.79	Peak	V	34.10	8.71	-	45.31	6.15	58.44	89.99	31.55
	5712.160	55.96	Peak	V	34.10	8.71	-	45.31	6.15	59.61	108.60	48.99
	5721.170	58.46	Peak	V	34.10	8.71	-	45.31	6.15	62.11	113.47	51.36
	5852.870	56.06	Peak	V	34.40	8.91	-	45.19	6.14	60.32	115.66	55.34
	5861.980	54.96	Peak	V	34.40	8.91	-	45.19	6.14	59.22	108.85	49.63
5924.280	54.24	Peak	V	34.40	8.91	-	45.19	6.14	58.50	68.73	10.23	

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

Single User

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 40 GHz
- Measurement distance : 3 m
- Duty Cycle : 94.81 %
- Operating mode : Transmitting mode

Tone	Channel	RU Index
SU	155	-

Channel	Frequency (MHz)	Reading (dBuV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	Duty Factor (dB)	AMP Factor	ATT Factor (dB)	Total (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Low ch.	5698.780	61.52	Peak	H	34.10	8.71	-	45.31	6.15	65.17	104.30	39.13
	5701.810	63.03	Peak	H	34.10	8.71	-	45.31	6.15	66.68	105.71	39.03
	5722.010	65.74	Peak	H	34.10	8.71	-	45.31	6.15	69.39	115.38	45.99
	5852.240	61.24	Peak	H	34.40	8.91	-	45.19	6.14	65.50	117.09	51.59
	5864.300	61.27	Peak	H	34.40	8.91	-	45.19	6.14	65.53	108.20	42.67
	5875.170	54.46	Peak	H	34.40	8.91	-	45.19	6.14	58.72	105.07	46.35
	5679.700	61.23	Peak	V	34.10	8.71	-	45.31	6.15	64.88	90.18	25.30
	5719.530	63.59	Peak	V	34.10	8.71	-	45.31	6.15	67.24	110.67	43.43
	5722.220	53.19	Peak	V	34.10	8.71	-	45.31	6.15	56.84	115.86	59.02
	5854.540	58.26	Peak	V	34.40	8.91	-	45.19	6.14	62.52	111.85	49.33
	5862.420	58.38	Peak	V	34.40	8.91	-	45.19	6.14	62.64	108.72	46.08
5880.420	54.33	Peak	V	34.40	8.91	-	45.19	6.14	58.59	101.19	42.60	

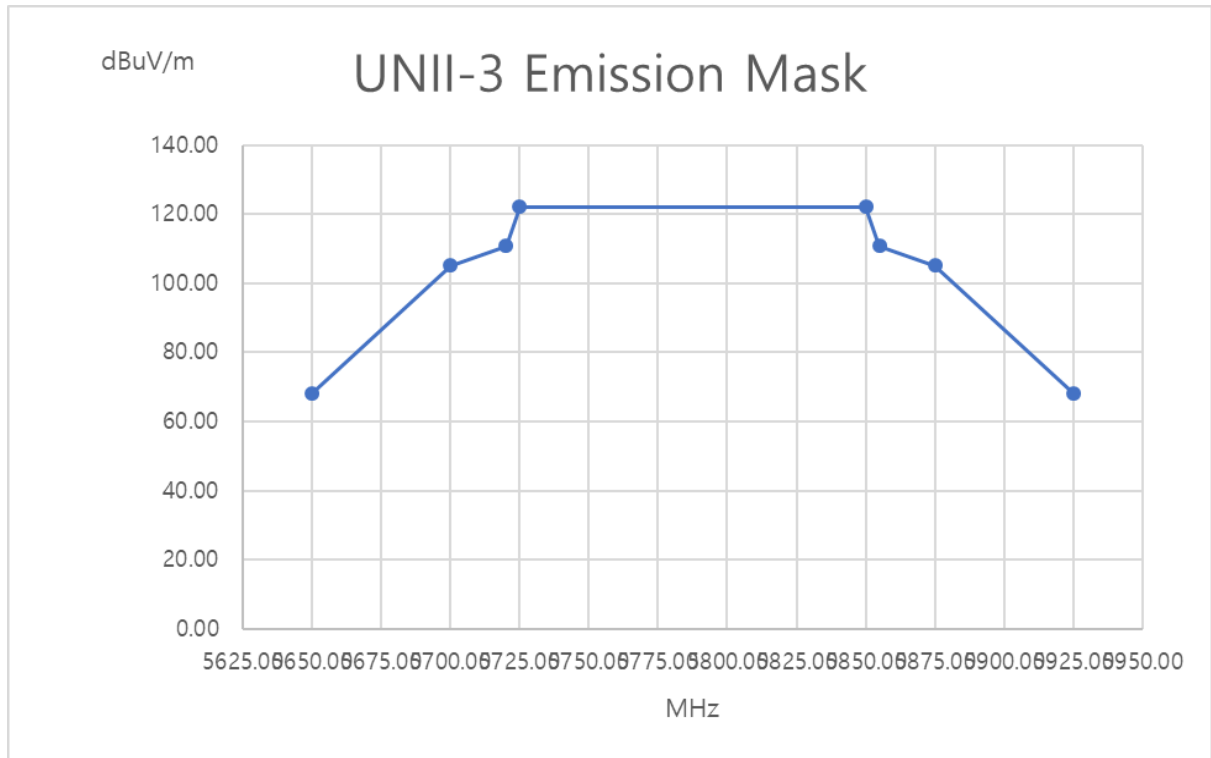
Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} + \text{ATT} + \text{Duty Factor} - \text{Amp Gain}$$

14.8 U-NII-3 Emission Limits

14.8.1 Emission Mask Plots



Remark.

- Title 47 → Part 15 → Subpart E—UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE DEVICES

§ 15.407 General technical requirements.

(4) For transmitters operating in the 5.725-5.85 GHz band:

- (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

15. CONDUCTED EMISSION TEST

15.1 Operating environment

Temperature : 23 °C
Relative humidity : 45 % R.H.

15.2 Test set-up

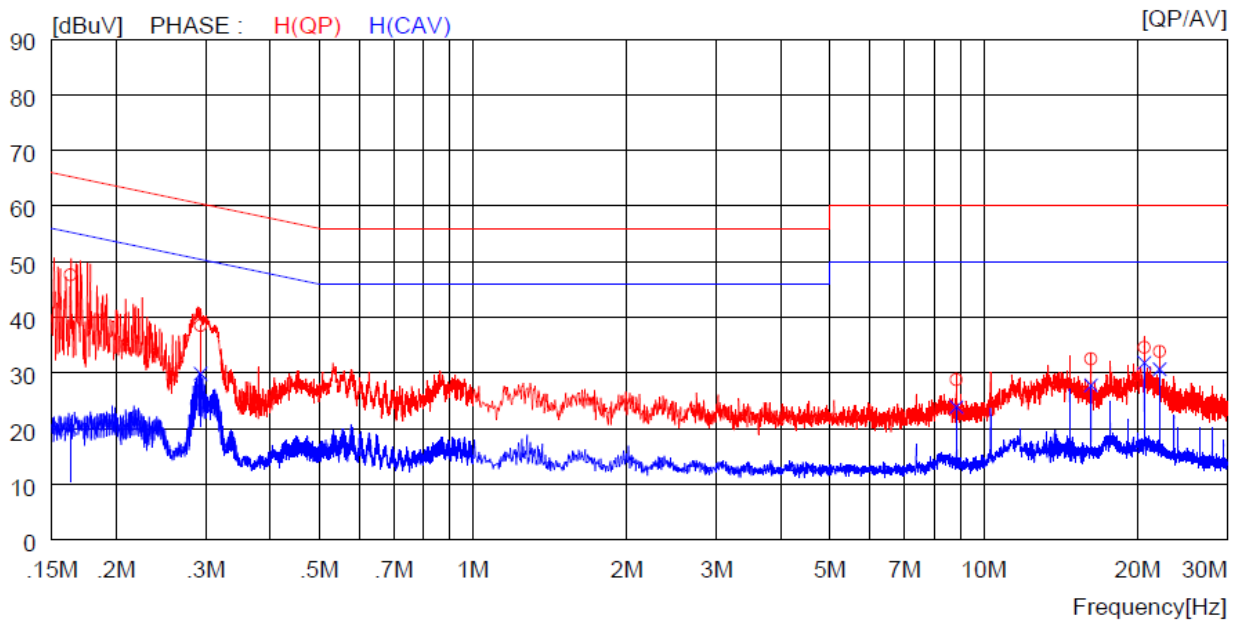
The EUT was placed on a wooden table, 0.8 m height above the floor. Power was fed to the EUT through a 50 Ω / 50 μ H + 5 Ω Artificial Mains Network (AMN). The ground plane was electrically bonded to the reference ground system and all power lines were filtered from ambient.

15.3 Test Date

December 05, 2021 ~ March 08, 2022

15.4 Test data for WLAN 5 GHz AX Mode

- Resolution bandwidth : 9 kHz
- Frequency range : 0.15 MHz ~ 30 MHz
- Tested Line : LIVE LINE
- Antenna 0, Antenna 1 and Multiple transmit tested, but the worst data were recorded.



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16300	37.6	----	10.0	47.6	----	65.3	----	17.7	----	H (QP)
2	0.29300	28.5	----	10.0	38.5	----	60.4	----	21.9	----	H (QP)
3	8.84500	18.6	----	10.2	28.8	----	60.0	----	31.2	----	H (QP)
4	16.22000	22.3	----	10.3	32.6	----	60.0	----	27.4	----	H (QP)
5	20.63000	24.2	----	10.4	34.6	----	60.0	----	25.4	----	H (QP)
6	22.11000	23.5	----	10.4	33.9	----	60.0	----	26.1	----	H (QP)
7	0.16300	----	10.1	10.0	----	20.1	----	55.3	----	35.2	H (CAV)
8	0.29300	----	19.9	10.0	----	29.9	----	50.4	----	20.5	H (CAV)
9	8.84500	----	13.7	10.2	----	23.9	----	50.0	----	26.1	H (CAV)
10	16.22000	----	17.5	10.3	----	27.8	----	50.0	----	22.2	H (CAV)
11	20.63000	----	21.4	10.4	----	31.8	----	50.0	----	18.2	H (CAV)
12	22.11000	----	20.3	10.4	----	30.7	----	50.0	----	19.3	H (CAV)

This Report is not correlated with the authentication of KOLAS

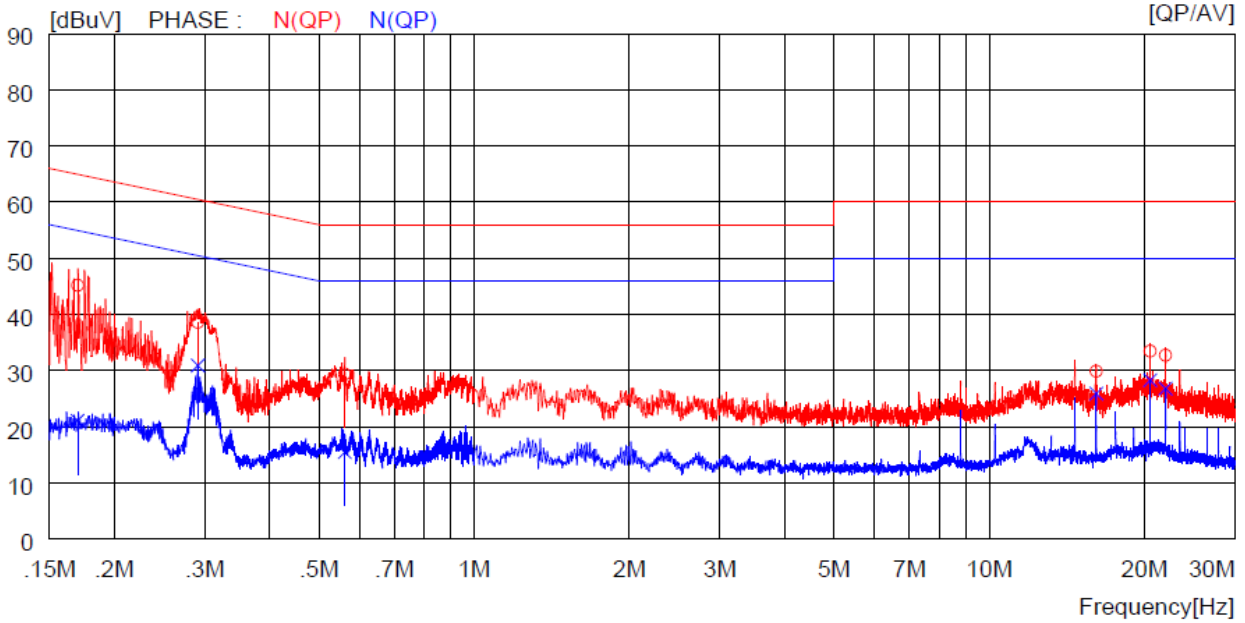
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-. Tested Line : NEUTRAL LINE

Remark: Margin (dB) = Limit – Level (Result)

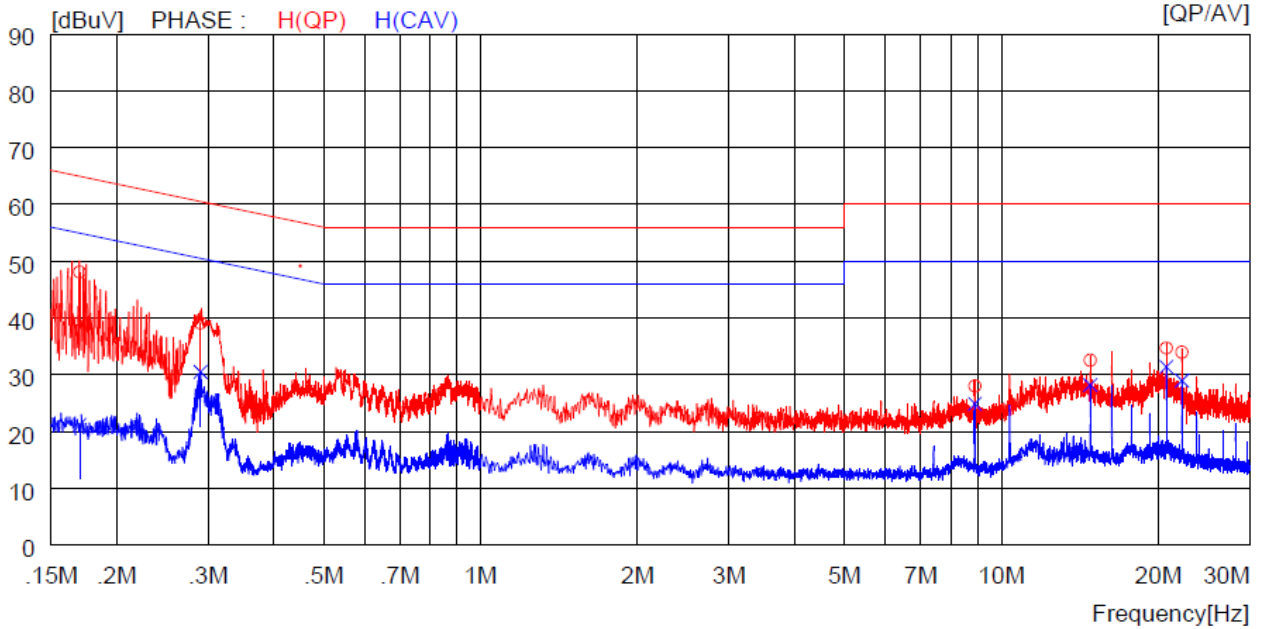
The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17000	35.2	----	10.0	45.2	----	65.0	----	19.8	----	N (QP)
2	0.29100	28.6	----	10.0	38.6	----	60.5	----	21.9	----	N (QP)
3	0.56100	19.4	----	10.0	29.4	----	56.0	----	26.6	----	N (QP)
4	16.14000	19.6	----	10.3	29.9	----	60.0	----	30.1	----	N (QP)
5	20.54000	23.1	----	10.4	33.5	----	60.0	----	26.5	----	N (QP)
6	22.01000	22.3	----	10.4	32.7	----	60.0	----	27.3	----	N (QP)
7	0.17000	----	11.1	10.0	----	21.1	----	55.0	----	33.9	N (CAV)
8	0.29100	----	20.9	10.0	----	30.9	----	50.5	----	19.6	N (CAV)
9	0.56100	----	5.5	10.0	----	15.5	----	46.0	----	30.5	N (CAV)
10	16.14000	----	15.6	10.3	----	25.9	----	50.0	----	24.1	N (CAV)
11	20.54000	----	17.9	10.4	----	28.3	----	50.0	----	21.7	N (CAV)
12	22.01000	----	16.4	10.4	----	26.8	----	50.0	----	23.2	N (CAV)

15.5 Test data for Intermodulation Mode(WLAN 5 GHz AX Mode + Bluetooth)

- Resolution bandwidth : 9 kHz
- Frequency range : 0.15 MHz ~ 30 MHz
- Tested Line : LIVE LINE

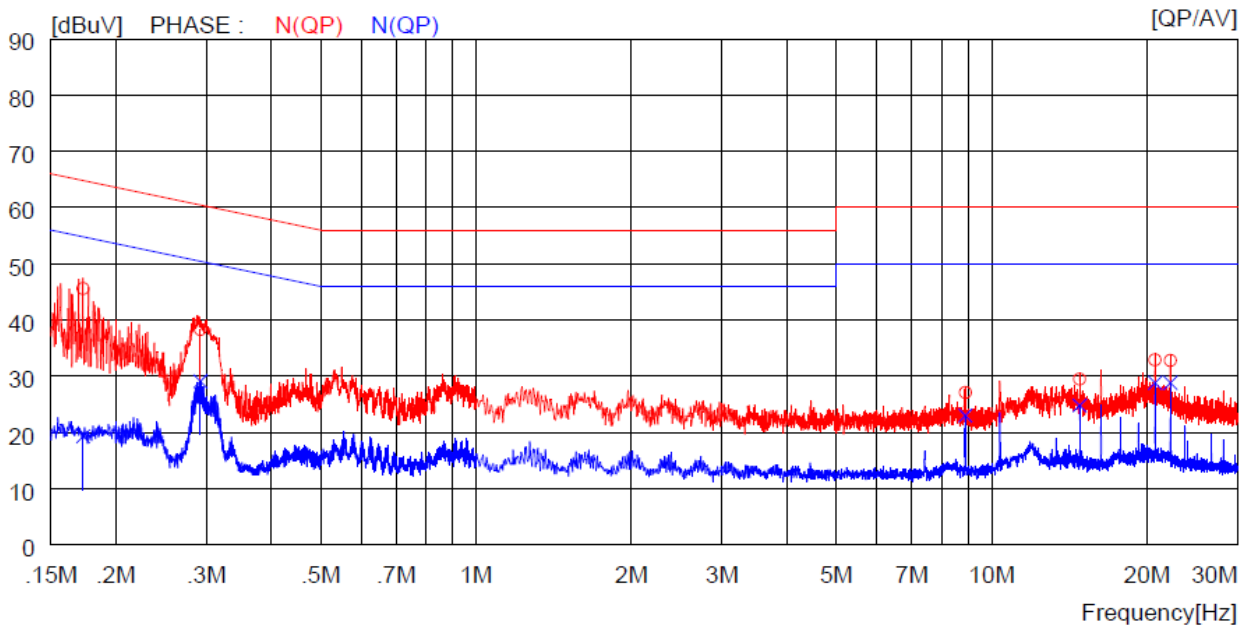


NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17000	38.1	----	10.0	48.1	----	65.0	----	16.9	----	H (QP)
2	0.29000	29.1	----	10.0	39.1	----	60.5	----	21.4	----	H (QP)
3	8.89500	17.8	----	10.2	28.0	----	60.0	----	32.0	----	H (QP)
4	14.82000	22.3	----	10.3	32.6	----	60.0	----	27.4	----	H (QP)
5	20.74000	24.3	----	10.4	34.7	----	60.0	----	25.3	----	H (QP)
6	22.22000	23.6	----	10.4	34.0	----	60.0	----	26.0	----	H (QP)
7	0.17000	----	11.2	10.0	----	21.2	----	55.0	----	33.8	H (CAV)
8	0.29000	----	20.5	10.0	----	30.5	----	50.5	----	20.0	H (CAV)
9	8.89500	----	14.7	10.2	----	24.9	----	50.0	----	25.1	H (CAV)
10	14.82000	----	17.9	10.3	----	28.2	----	50.0	----	21.8	H (CAV)
11	20.74000	----	21.0	10.4	----	31.4	----	50.0	----	18.6	H (CAV)
12	22.22000	----	18.6	10.4	----	29.0	----	50.0	----	21.0	H (CAV)

- Tested Line : NEUTRAL LINE

Remark: Margin (dB) = Limit – Level (Result)

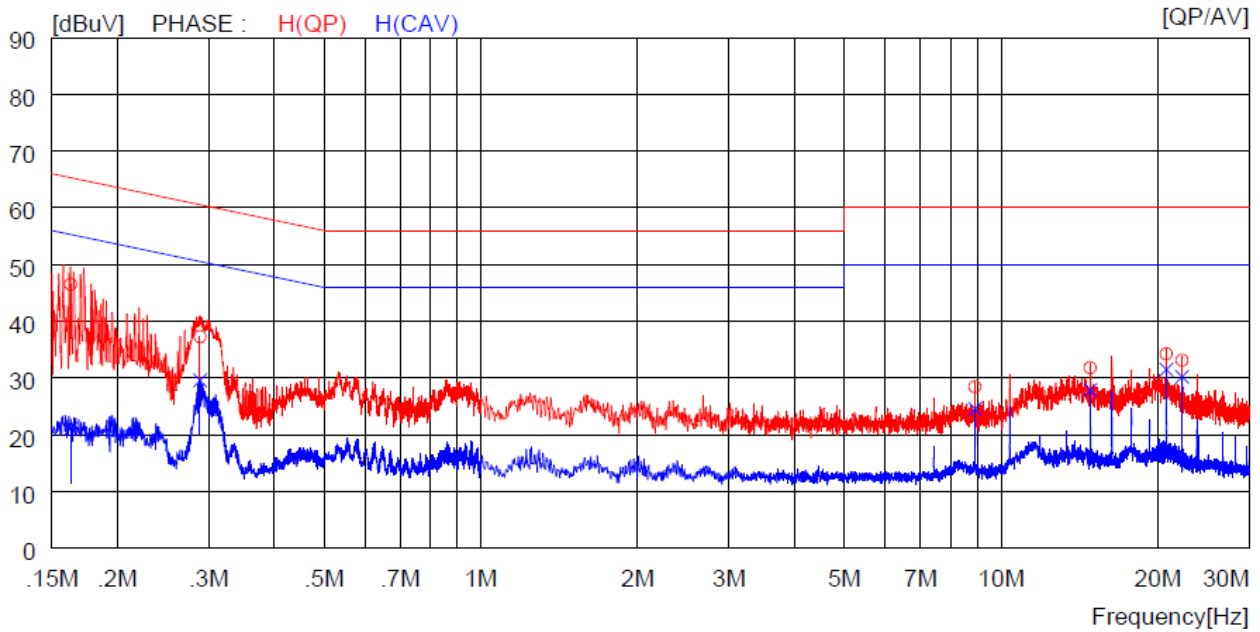
The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17300	35.6	----	10.0	45.6	----	64.8	----	19.2	----	N (QP)
2	0.29200	28.3	----	10.0	38.3	----	60.5	----	22.2	----	N (QP)
3	8.89500	16.9	----	10.2	27.1	----	60.0	----	32.9	----	N (QP)
4	14.82000	19.2	----	10.3	29.5	----	60.0	----	30.5	----	N (QP)
5	20.75000	22.5	----	10.4	32.9	----	60.0	----	27.1	----	N (QP)
6	22.23000	22.4	----	10.4	32.8	----	60.0	----	27.2	----	N (QP)
7	0.17300	----	9.3	10.0	----	19.3	----	54.8	----	35.5	N (CAV)
8	0.29200	----	19.1	10.0	----	29.1	----	50.5	----	21.4	N (CAV)
9	8.89500	----	12.8	10.2	----	23.0	----	50.0	----	27.0	N (CAV)
10	14.82000	----	14.5	10.3	----	24.8	----	50.0	----	25.2	N (CAV)
11	20.75000	----	18.4	10.4	----	28.8	----	50.0	----	21.2	N (CAV)
12	22.23000	----	18.4	10.4	----	28.8	----	50.0	----	21.2	N (CAV)

15.6 Test data for Intermodulation Mode(WLAN 5 GHz AX Mode + Bluetooth LE)

- Resolution bandwidth : 9 kHz
- Frequency range : 0.15 MHz ~ 30 MHz
- Tested Line : LIVE LINE

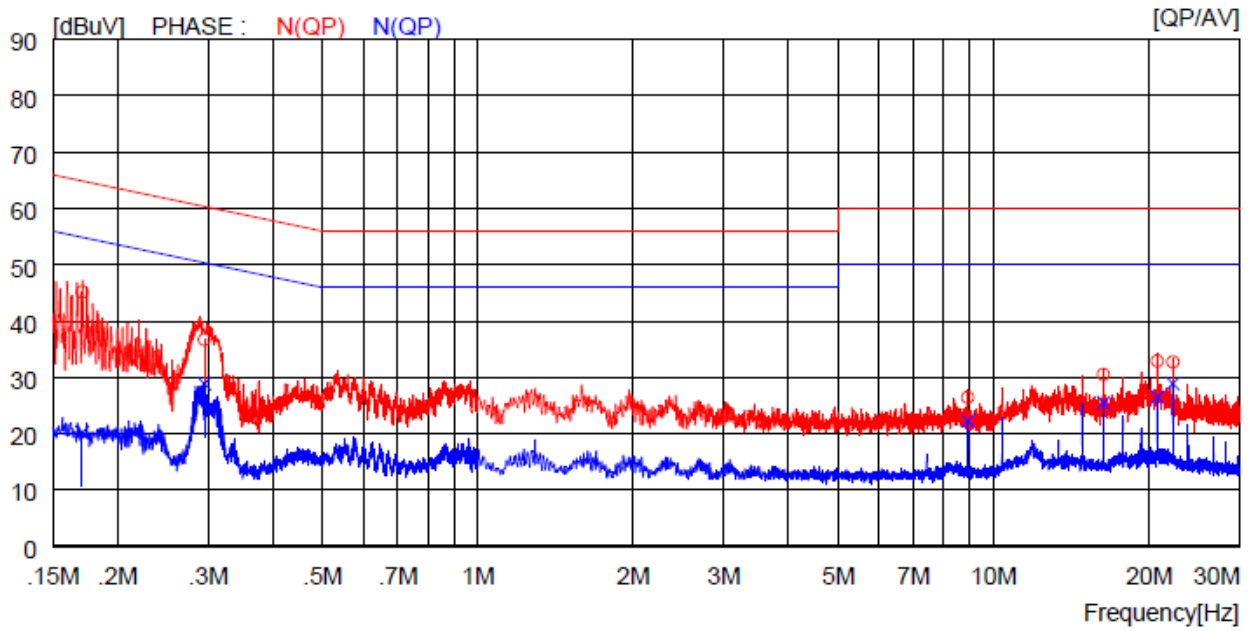


NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16300	36.5	----	10.0	46.5	----	65.3	----	18.8	----	H (QP)
2	0.28900	27.3	----	10.0	37.3	----	60.6	----	23.3	----	H (QP)
3	8.91000	18.3	----	10.2	28.5	----	60.0	----	31.5	----	H (QP)
4	14.85000	21.5	----	10.3	31.8	----	60.0	----	28.2	----	H (QP)
5	20.78000	23.9	----	10.4	34.3	----	60.0	----	25.7	----	H (QP)
6	22.27000	22.7	----	10.4	33.1	----	60.0	----	26.9	----	H (QP)
7	0.16300	----	11.1	10.0	----	21.1	----	55.3	----	34.2	H (CAV)
8	0.28900	----	19.6	10.0	----	29.6	----	50.6	----	21.0	H (CAV)
9	8.91000	----	14.4	10.2	----	24.6	----	50.0	----	25.4	H (CAV)
10	14.85000	----	17.6	10.3	----	27.9	----	50.0	----	22.1	H (CAV)
11	20.78000	----	21.1	10.4	----	31.5	----	50.0	----	18.5	H (CAV)
12	22.27000	----	19.8	10.4	----	30.2	----	50.0	----	19.8	H (CAV)

- Tested Line : NEUTRAL LINE

Remark: Margin (dB) = Limit – Level (Result)

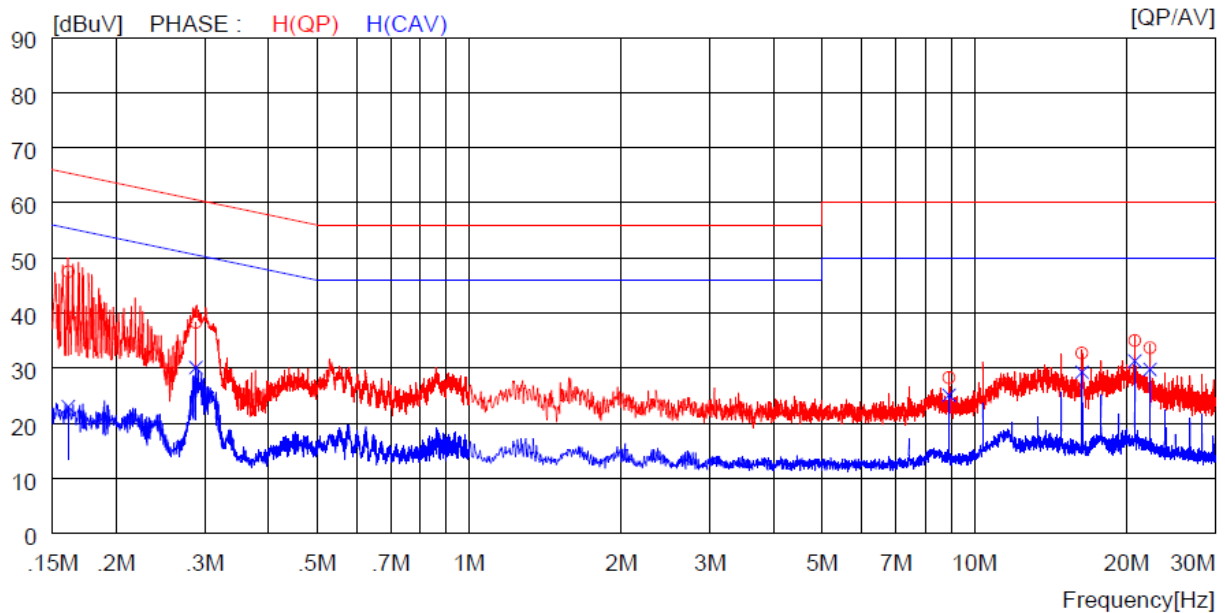
The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.17100	35.2	----	10.0	45.2	----	64.9	----	19.7	----	N (QP)
2	0.29500	26.7	----	10.0	36.7	----	60.4	----	23.7	----	N (QP)
3	8.91000	16.2	----	10.2	26.4	----	60.0	----	33.6	----	N (QP)
4	16.34000	20.2	----	10.3	30.5	----	60.0	----	29.5	----	N (QP)
5	20.79000	22.5	----	10.4	32.9	----	60.0	----	27.1	----	N (QP)
6	22.27000	22.3	----	10.4	32.7	----	60.0	----	27.3	----	N (QP)
7	0.17100	----	10.2	10.0	----	20.2	----	54.9	----	34.7	N (CAV)
8	0.29500	----	18.9	10.0	----	28.9	----	50.4	----	21.5	N (CAV)
9	8.91000	----	12.1	10.2	----	22.3	----	50.0	----	27.7	N (CAV)
10	16.34000	----	15.2	10.3	----	25.5	----	50.0	----	24.5	N (CAV)
11	20.79000	----	16.1	10.4	----	26.5	----	50.0	----	23.5	N (CAV)
12	22.27000	----	18.5	10.4	----	28.9	----	50.0	----	21.1	N (CAV)

15.7 Test data for Intermodulation Mode(WLAN 5 GHz AX Mode + WLAN 2.4 GHz AX Mode)

- Resolution bandwidth : 9 kHz
- Frequency range : 0.15 MHz ~ 30 MHz
- Tested Line : LIVE LINE

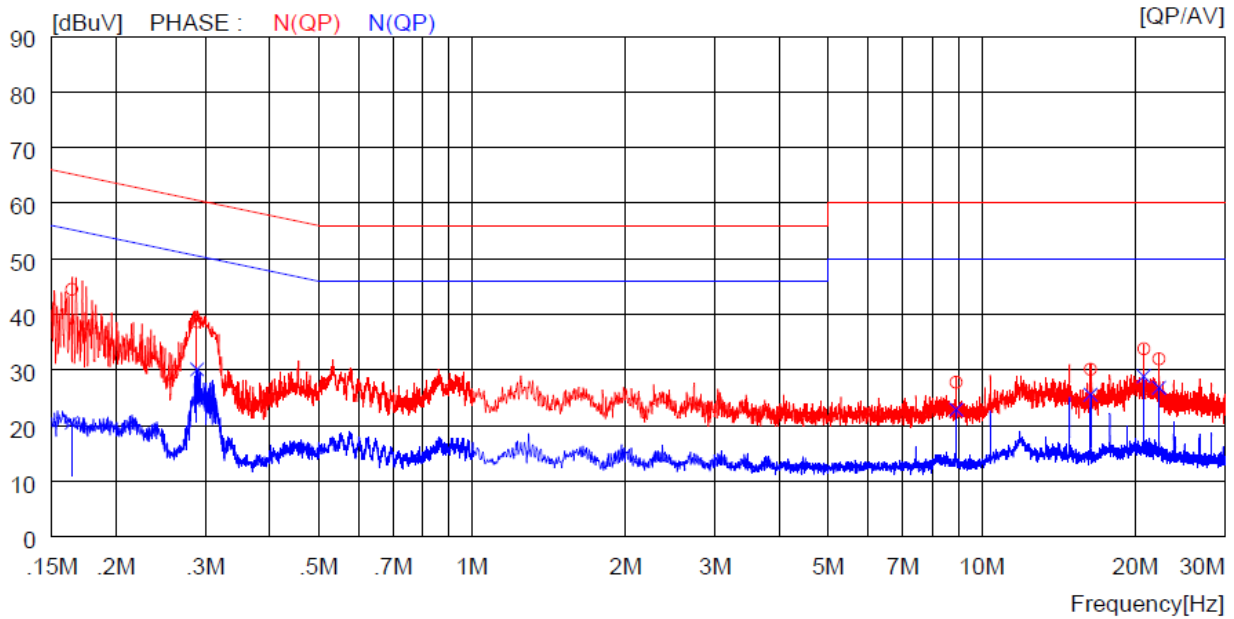


NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16100	37.5	----	10.0	47.5	----	65.4	----	17.9	----	H (QP)
2	0.28800	28.3	----	10.0	38.3	----	60.6	----	22.3	----	H (QP)
3	8.91500	18.1	----	10.2	28.3	----	60.0	----	31.7	----	H (QP)
4	16.34000	22.4	----	10.3	32.7	----	60.0	----	27.3	----	H (QP)
5	20.79000	24.6	----	10.4	35.0	----	60.0	----	25.0	----	H (QP)
6	22.28000	23.3	----	10.4	33.7	----	60.0	----	26.3	----	H (QP)
7	0.16100	----	13.0	10.0	----	23.0	----	55.4	----	32.4	H (CAV)
8	0.28800	----	20.1	10.0	----	30.1	----	50.6	----	20.5	H (CAV)
9	8.91500	----	14.9	10.2	----	25.1	----	50.0	----	24.9	H (CAV)
10	16.34000	----	19.0	10.3	----	29.3	----	50.0	----	20.7	H (CAV)
11	20.79000	----	20.9	10.4	----	31.3	----	50.0	----	18.7	H (CAV)
12	22.28000	----	19.4	10.4	----	29.8	----	50.0	----	20.2	H (CAV)

- Tested Line : NEUTRAL LINE

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.



NO	FREQ [MHz]	READING		C. FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	
1	0.16400	34.5	----	10.0	44.5	----	65.3	----	20.8	----	N (QP)
2	0.28900	28.7	----	10.0	38.7	----	60.6	----	21.9	----	N (QP)
3	8.91500	17.6	----	10.2	27.8	----	60.0	----	32.2	----	N (QP)
4	16.35000	19.8	----	10.3	30.1	----	60.0	----	29.9	----	N (QP)
5	20.80000	23.4	----	10.4	33.8	----	60.0	----	26.2	----	N (QP)
6	22.29000	21.6	----	10.4	32.0	----	60.0	----	28.0	----	N (QP)
7	0.16400	----	10.5	10.0	----	20.5	----	55.3	----	34.8	N (CAV)
8	0.28900	----	20.1	10.0	----	30.1	----	50.6	----	20.5	N (CAV)
9	8.91500	----	12.7	10.2	----	22.9	----	50.0	----	27.1	N (CAV)
10	16.35000	----	15.3	10.3	----	25.6	----	50.0	----	24.4	N (CAV)
11	20.80000	----	18.5	10.4	----	28.9	----	50.0	----	21.1	N (CAV)
12	22.29000	----	16.4	10.4	----	26.8	----	50.0	----	23.2	N (CAV)

16. LIST OF TEST EQUIPMENT

Model Number	Manufacturer	Description	Serial Number	Last Cal.(Interval)
FSV40-N	Rohde & Schwarz	Signal Analyzer	102177	Apr. 16, 2021 (1Y)
ESW 44	Rohde & Schwarz	EMI Test Receiver	101851	Mar. 08, 2022 (1Y)
SSE-43CI-A	Samsun Tech	Humidity Chamber	60712	Jan. 18, 2022 (1Y)
ZUP36-6	NEMIC-LAMBDA	DC Power Supply	YJV-535Z14-0018	Apr. 16, 2021(1Y)
310N	Sonoma Instrument	Pre-Amplifier	392756	Oct. 14, 2021 (1Y)
SCU18	Rohde & Schwarz	Pre-Amplifier	102266	Jul. 14, 2021 (1Y)
PAM-118A	Com-Power	Pre-Amplifier	18040081	Oct. 12, 2021 (1Y)
PAM-840A	Com-Power	Pre-Amplifier	461339	Oct. 18, 2021 (1Y)
F-40-5000-RF	RLC Electronis	High Pass Filter	0425	Feb. 01, 2022(1Y)
HPF 3GHz	Rohde & Schwarz	High Pass Filter	N/A	Jan. 19, 2022(1Y)
DT3000-3t	Innco System	Turn Table	DT3000/093	N/A
MA-4000XPET	Innco System	Antenna Master	MA4000/509	N/A
FMZB 1513	Schwarzbeck	Loop Antenna	1513-235	Mar. 24, 2022 (2Y)
HLP-2008	TDK	Hybrid Antenna	131314	Feb. 25, 2022 (2Y)
AH-118	Com-Power	Horn Antenna	10050061	Oct. 15, 2021 (1Y)
BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	Jan. 06, 2022(1Y)
ESCI	Rohde & Schwarz	EMI TEST RECEIVER	101012	Oct. 20, 2021 (1Y)
NSLK8126	Schwarzbeck	AMN	8126-404	Mar. 14, 2022 (1Y)
ESH3-Z2	Rohde & Schwarz	PULSE LIMITER	100655	Mar. 14, 2022 (1Y)
D-05180-2	RLC Electronis Inc.	Combiner	0813	N/A
11636B	Hewlett Packard	Combiner	12268	N/A
SMBV100A	R/S	Signal Generator	260423	Jan 17, 2022 (1Y)
RF-AX88U	ASUS	Dual Band Gigabit Router	NA	N/A

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