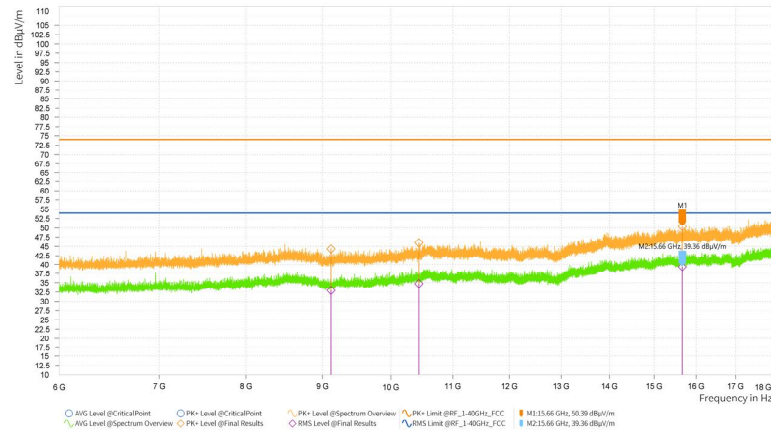
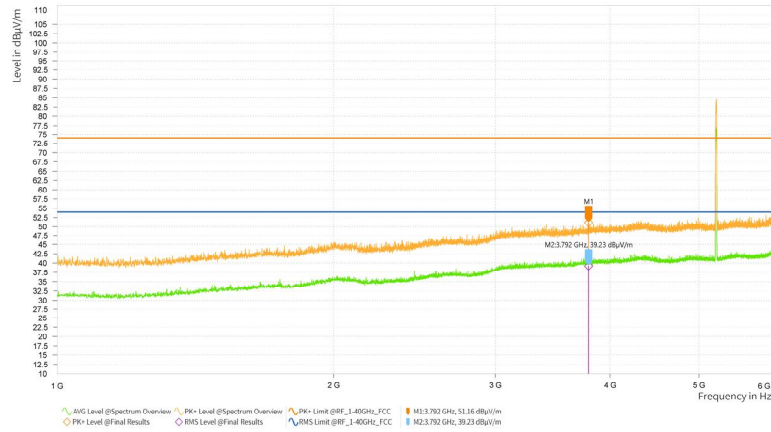




KIEL2403-YW03403-R01

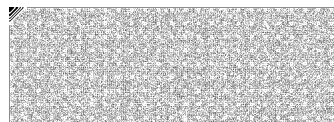
RE(Above 1 GHz)_802.11n(HT20)_5 220 MHz



	Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
*	3 791.500	46.32	51.16	34.39	39.63	0.40	3.00	H	159.8	4.84	22.84	74.00	14.37	54.00
*	9 117.600	43.00	44.31	31.64	33.35	0.40	2.00	H	91.8	1.31	29.69	74.00	20.65	54.00
	10 440.000	43.70	46.01	32.45	35.16	0.40	2.00	V	304.3	2.31	22.19	68.20	18.84	54.00
*	15 660.000	42.71	50.39	31.68	39.76	0.40	3.00	V	163.9	7.68	23.61	74.00	14.24	54.00

Note)

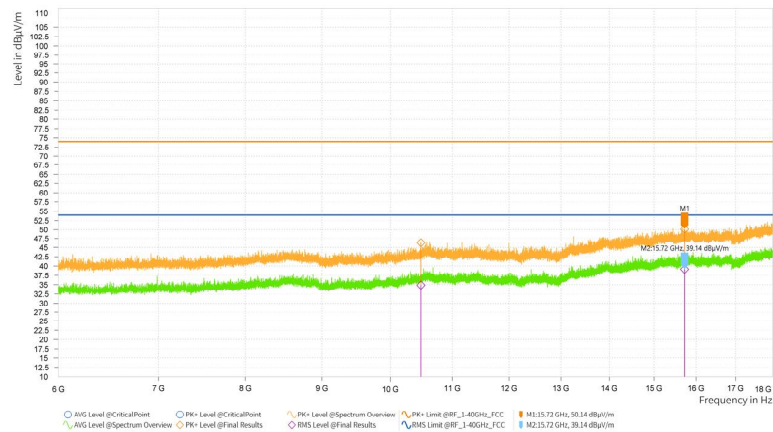
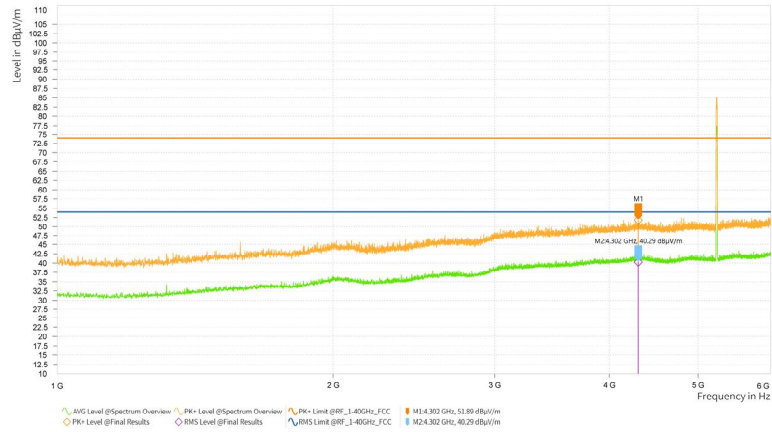
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





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RE(Above 1 GHz)_802.11n(HT20)_5 240 MHz



	Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
*	4 302.000	45.56	51.89	33.96	40.69	0.40	3.00	H	51.5	6.33	22.11	74.00	13.31	54.00
	10 480.000	44.04	46.32	32.62	35.30	0.40	3.00	V	62.5	2.28	21.88	68.20	18.70	54.00
*	15 720.000	42.38	50.14	31.38	39.54	0.40	2.00	H	192.0	7.76	23.86	74.00	14.46	54.00

Note)

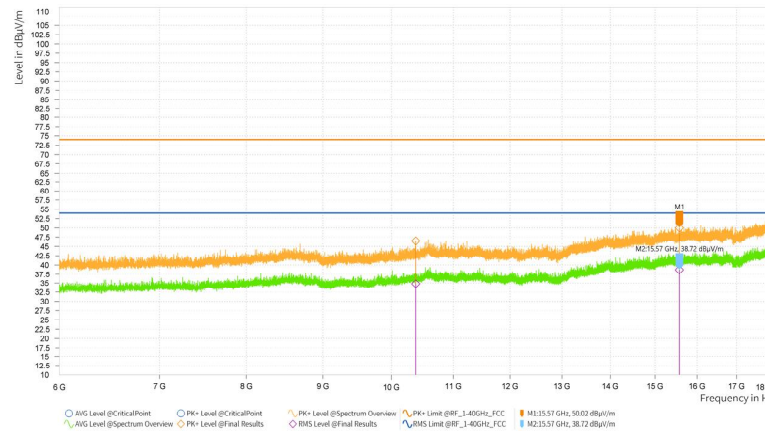
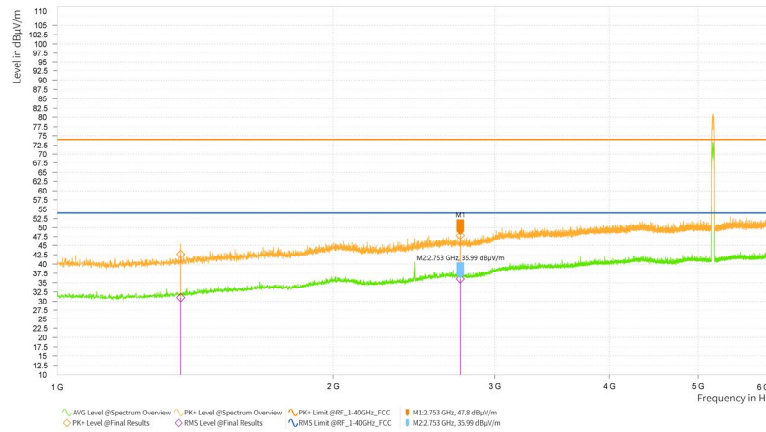
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

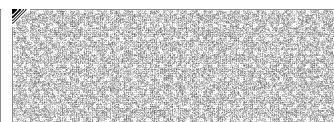
RE(Above 1 GHz)_802.11n(HT40)_5 190 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
1 363.500	48.15	42.66	36.48	31.80	0.81	2.00	H	296.3	-5.49	25.54	68.20	22.20	54.00
* 2 752.500	47.07	47.80	35.26	36.80	0.81	3.00	H	1.0	0.73	26.20	74.00	17.20	54.00
10 380.000	44.25	46.49	32.56	35.61	0.81	3.00	H	306.9	2.24	21.71	68.20	18.39	54.00
* 15 570.000	42.38	50.02	31.08	39.53	0.81	3.00	V	163.5	7.64	23.98	74.00	14.47	54.00

Note)

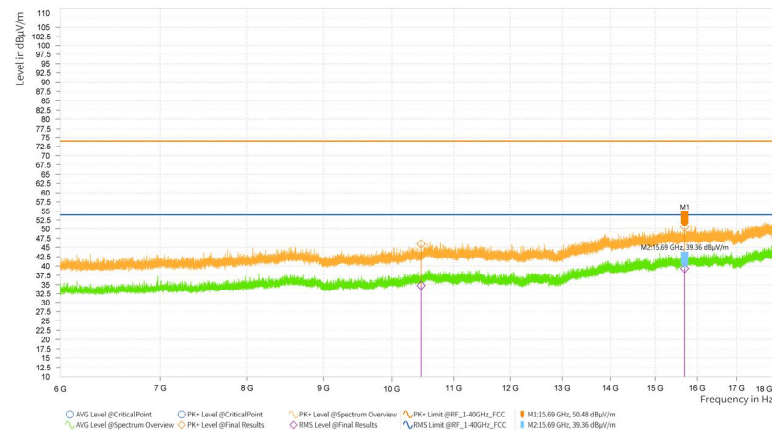
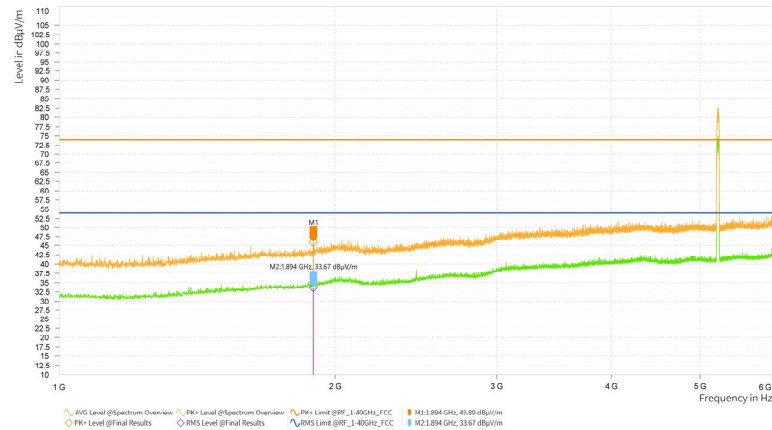
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

RE(Above 1 GHz)_802.11n(HT40)_5 230 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
1 893.500	48.39	45.89	36.17	34.48	0.81	3.00	H	261.8	-2.50	22.31	68.20	19.52	54.00
10 460.000	43.61	45.92	32.47	35.59	0.81	2.00	H	108.2	2.31	22.28	68.20	18.41	54.00
* 15 690.000	42.74	50.48	31.62	40.17	0.81	2.00	H	319.2	7.74	23.52	74.00	13.83	54.00

Note)

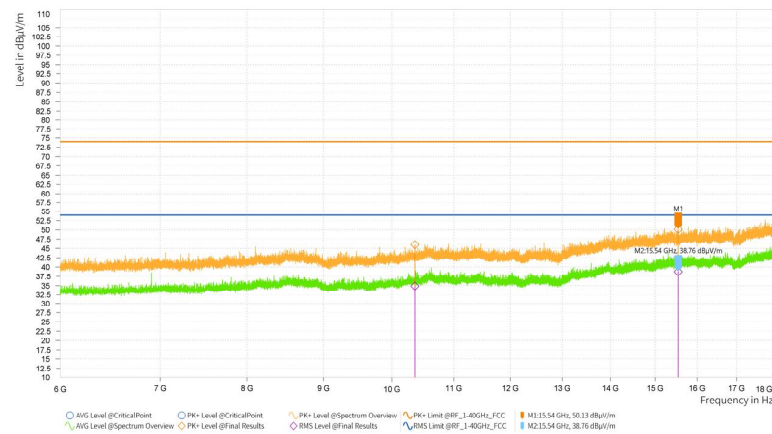
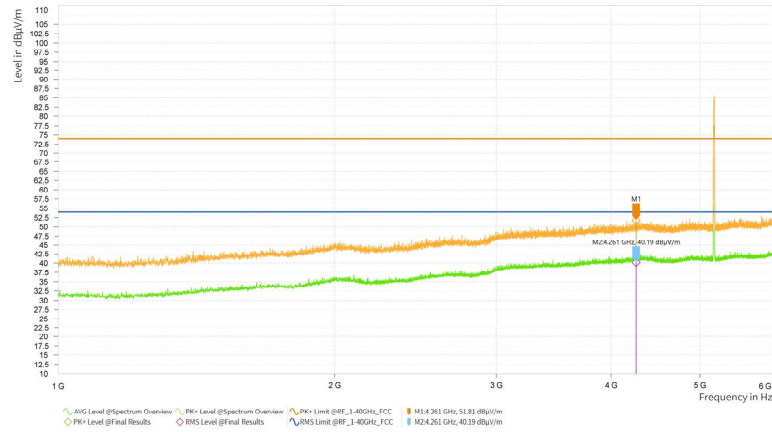
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

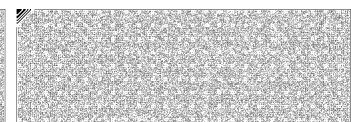
RE(Above 1 GHz)_802.11ac(VHT20)_5 180 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
* 4 260.500	45.64	51.81	34.02	41.06	0.87	1.00	H	144.1	6.17	22.19	74.00	12.94	54.00
10 360.000	43.81	46.01	32.74	35.81	0.87	3.00	V	166.1	2.20	22.19	68.20	18.19	54.00
* 15 540.000	42.49	50.13	31.12	39.63	0.87	3.00	V	249.9	7.64	23.87	74.00	14.37	54.00

Note)

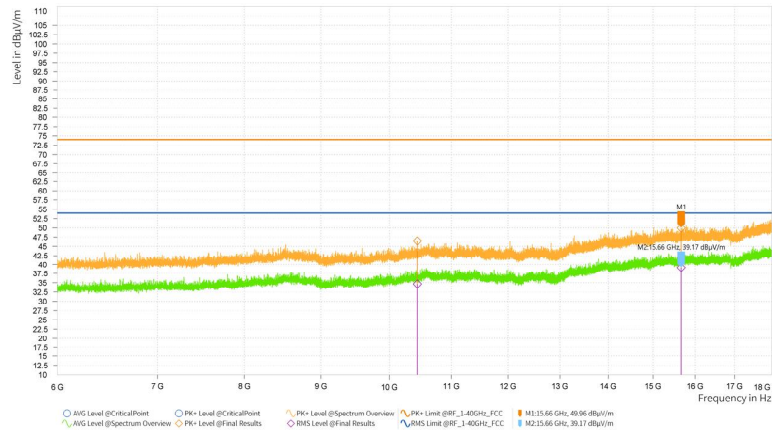
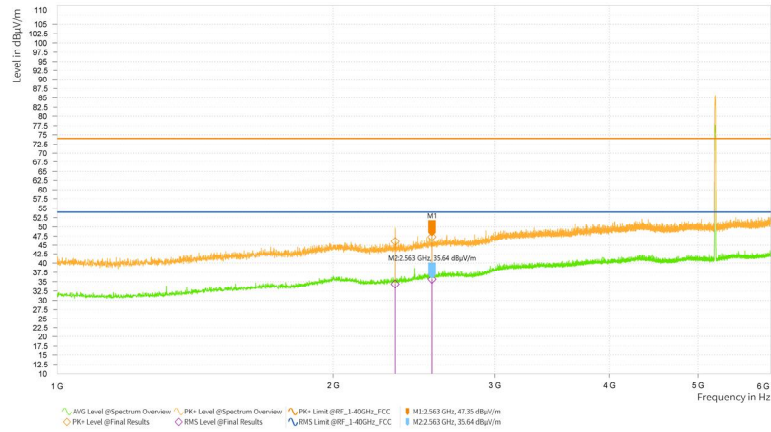
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

RE(Above 1 GHz)_802.11ac(VHT20)_5 220 MHz



	Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
*	2 337.000	46.98	46.07	35.28	35.24	0.87	3.00	V	151.0	-0.91	27.93	74.00	18.76	54.00
	2 562.500	46.95	47.35	35.24	36.51	0.87	3.00	V	165.1	0.40	20.85	68.20	17.49	54.00
	10 440.000	44.18	46.49	32.35	35.53	0.87	2.00	H	38.2	2.31	21.71	68.20	18.47	54.00
*	15 660.000	42.28	49.96	31.49	40.04	0.87	2.00	H	249.5	7.68	24.04	74.00	13.96	54.00

Note)

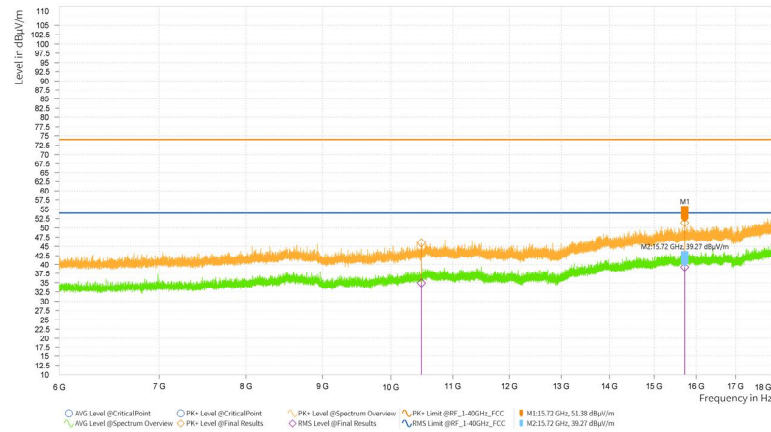
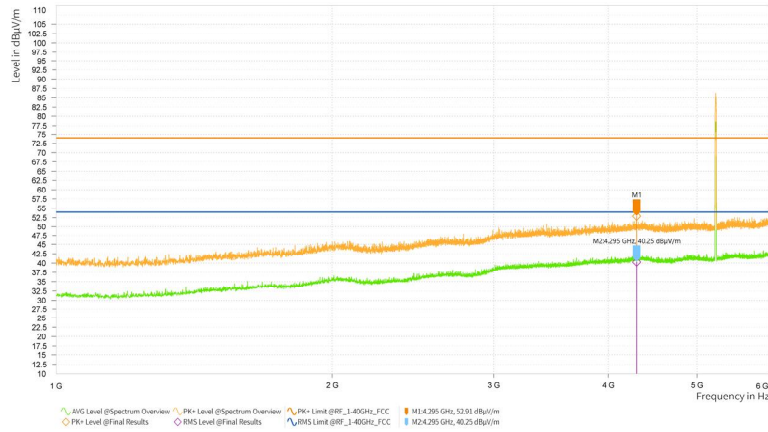
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

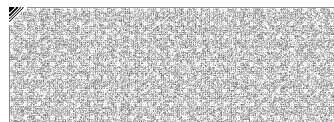
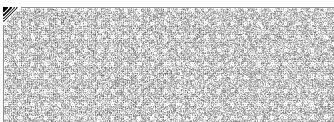
RE(Above 1 GHz)_802.11ac(VHT20)_5 240 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
* 4 295.000	46.60	52.91	33.94	41.12	0.87	3.00	H	142.1	6.31	21.09	74.00	12.88	54.00
10 480.000	43.68	45.96	32.65	35.80	0.87	3.00	V	229.6	2.28	22.24	68.20	18.20	54.00
* 15 720.000	43.62	51.38	31.51	40.14	0.87	2.00	H	360.0	7.76	22.62	74.00	13.86	54.00

Note)

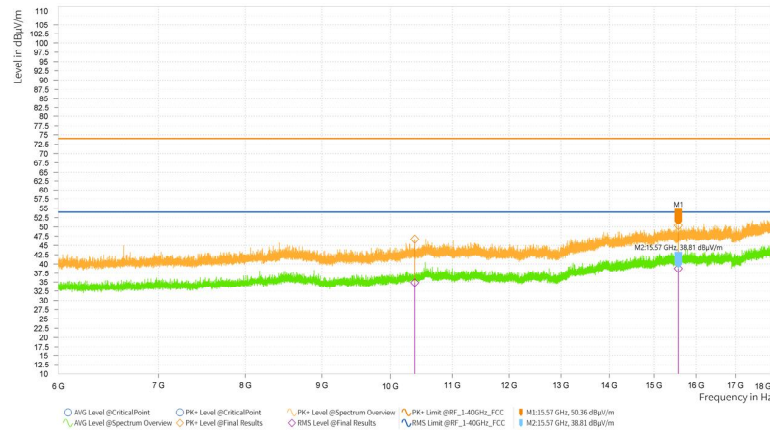
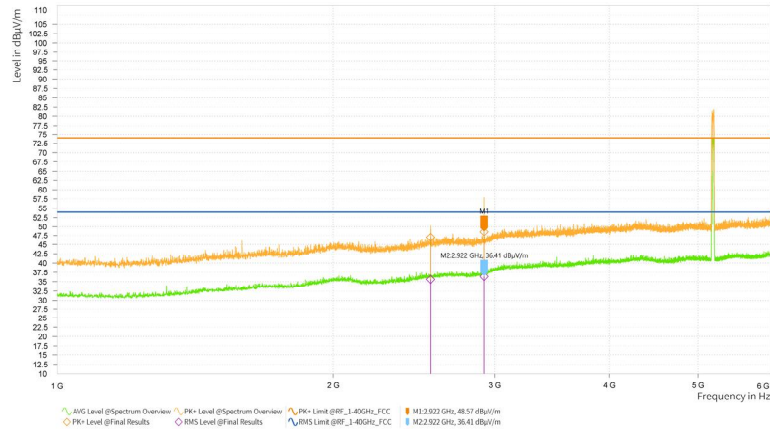
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

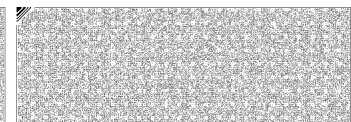
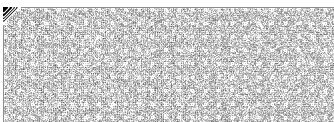
RE(Above 1 GHz)_802.11ac(VHT40)_5 190 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
2 554.000	46.62	47.01	35.21	36.33	0.73	2.00	V	159.9	0.39	21.19	68.20	17.67	54.00
2 921.500	47.25	48.57	35.09	37.14	0.73	3.00	H	146.0	1.32	19.63	68.20	16.86	54.00
10 380.000	44.46	46.70	32.61	35.58	0.73	2.00	V	66.7	2.24	21.50	68.20	18.42	54.00
15 570.000	42.72	50.36	31.17	39.54	0.73	2.00	H	306.0	7.64	23.64	74.00	14.46	54.00

Note)

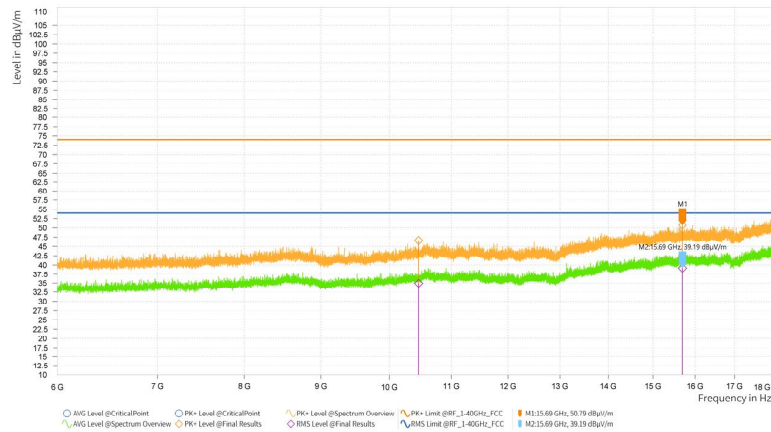
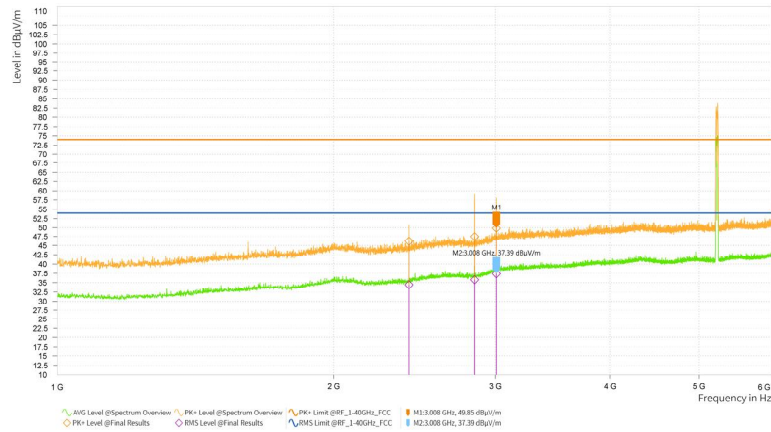
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

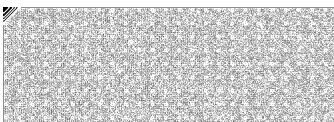
RE(Above 1 GHz)_802.11ac(VHT40)_5 230 MHz



Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
2 416.000	46.84	46.20	35.07	35.16	0.73	2.00	H	222.6	-0.64	22.00	68.20	18.84	54.00
* 2 847.500	46.71	47.46	35.03	36.51	0.73	2.00	V	151.8	0.75	26.54	74.00	17.49	54.00
3 007.500	47.44	49.85	34.98	38.12	0.73	2.00	V	159.9	2.41	18.35	68.20	15.88	54.00
10 460.000	44.31	46.62	32.60	35.64	0.73	2.00	H	108.0	2.31	21.58	68.20	18.36	54.00
* 15 690.000	43.05	50.79	31.45	39.92	0.73	3.00	V	32.6	7.74	23.21	74.00	14.08	54.00

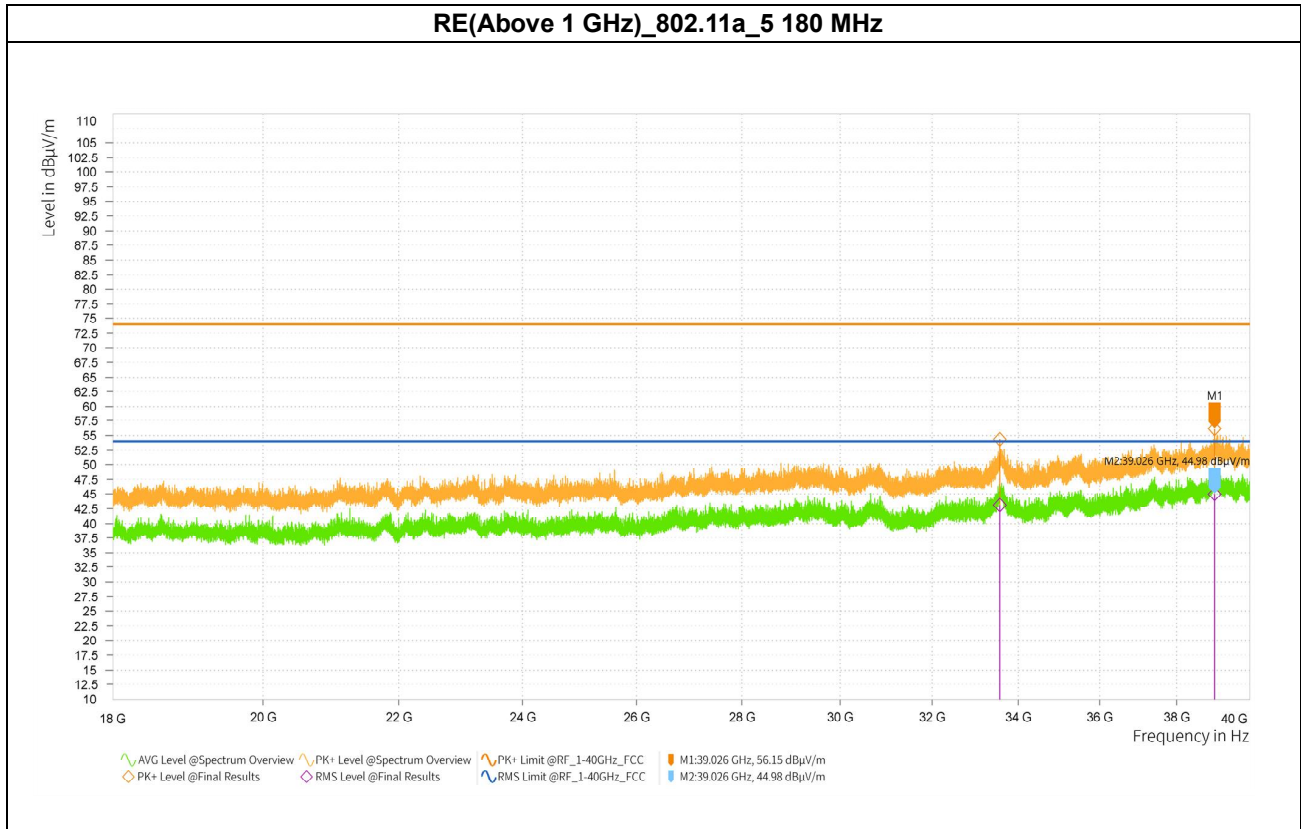
Note)

1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB) + Cable Factor(dB) - Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) - (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





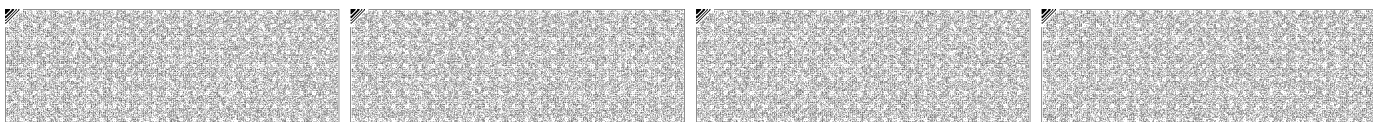
KIEL2403-YW03403-R01

Radiated Emission (Above 18 GHz)

Frequency [MHz]	Peak Reading [dBμV]	Peak Result [dBμV/m]	AVG Reading [dBμV]	AVG Result [dBμV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBμV/m]	AVG Margin [dB]	AVG Limit [dBμV/m]
33 561.500	53.52	54.37	42.28	43.52	0.39	2.00	H	77.2	0.85	13.83	68.20	10.48	54.00
39 025.500	51.52	56.15	40.35	45.37	0.39	2.00	V	359.9	4.63	12.05	68.20	8.63	54.00

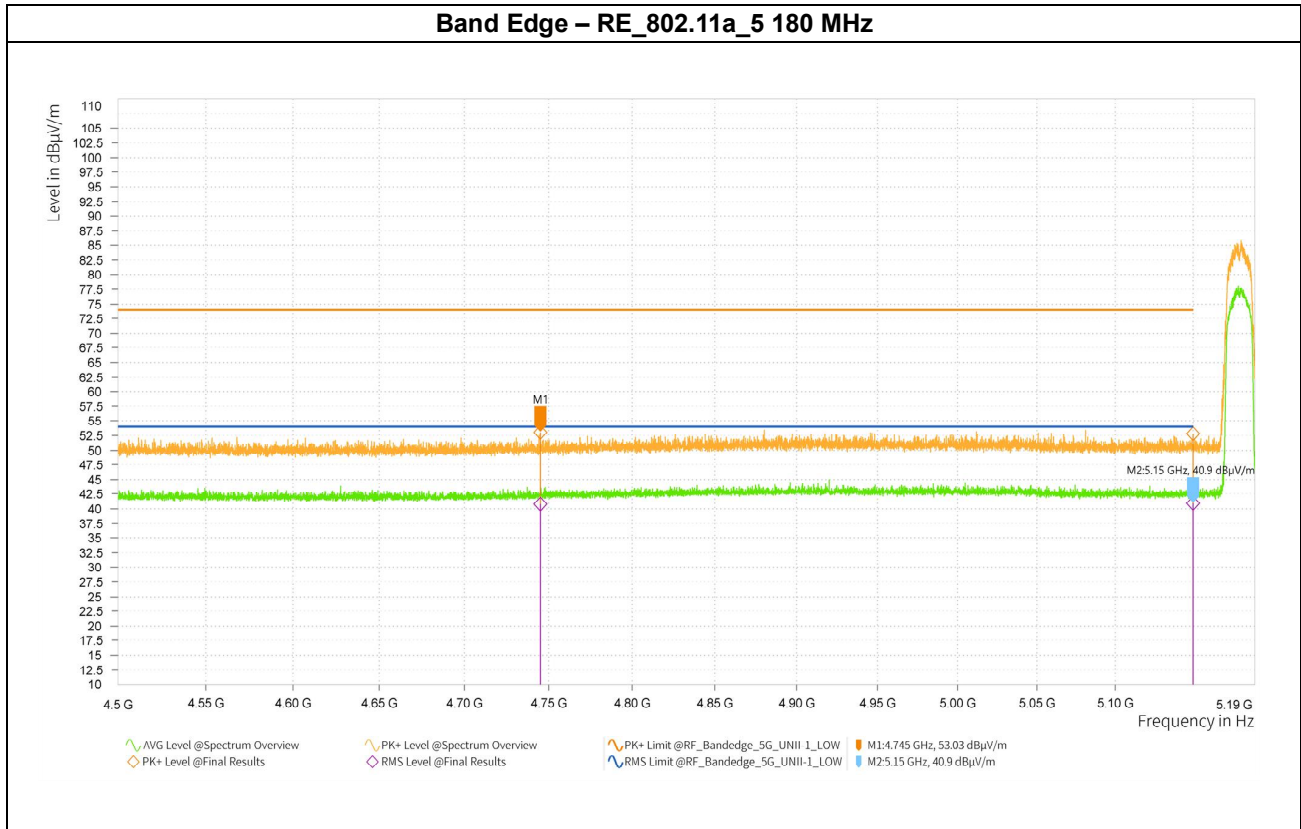
Note)

1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01

Band Edge

	Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
*	4 744.950	46.30	53.03	34.08	41.20	0.39	3.00	V	351.0	6.73	20.97	74.00	12.80	54.00
*	5 150.000	45.24	52.81	33.33	41.29	0.39	1.00	H	173.5	7.57	21.19	74.00	12.71	54.00

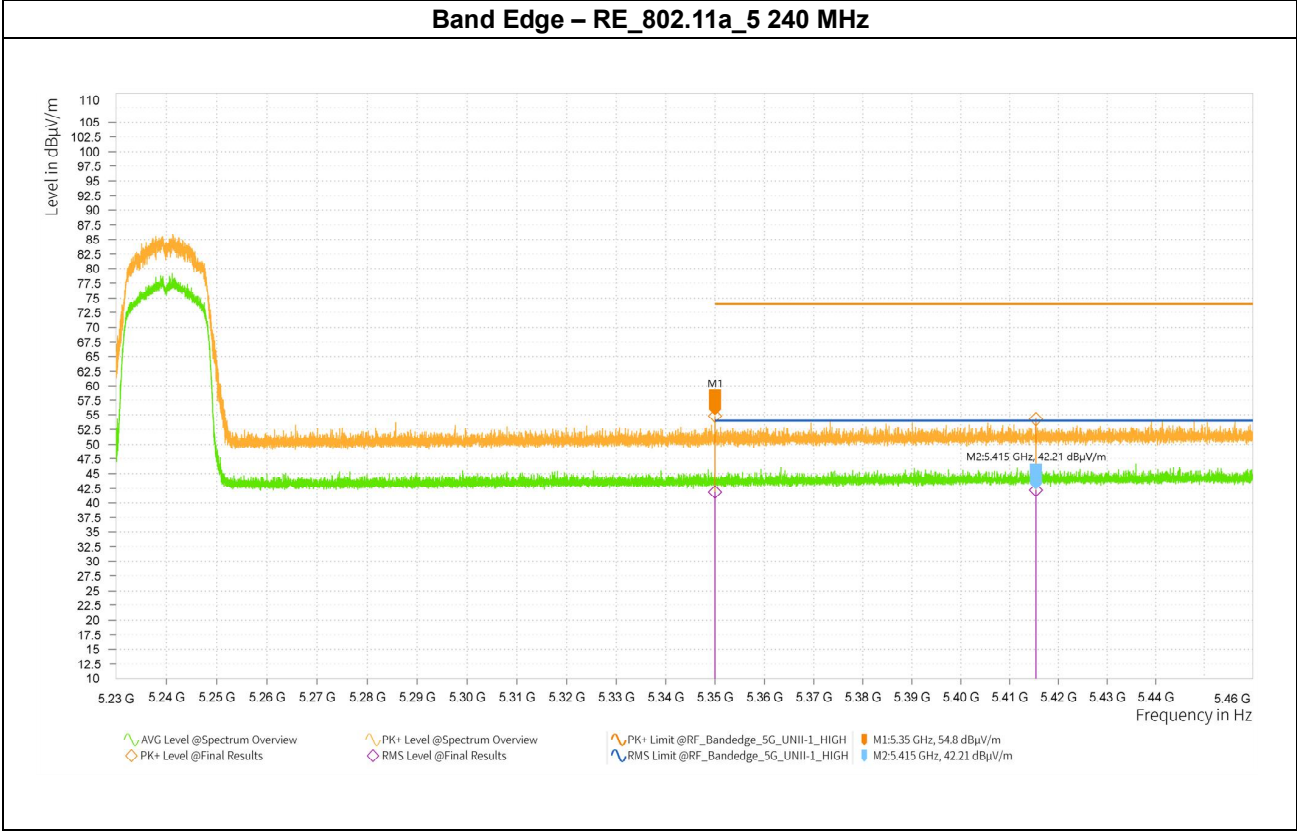
Note)

1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
6. * - indicates frequency in Restricted Band.





KIEL2403-YW03403-R01



	Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
*	5 350.000	46.79	54.80	33.88	42.28	0.39	1.00	H	38.6	8.01	19.20	74.00	11.72	54.00
*	5 415.366	45.95	54.30	33.86	42.60	0.39	1.00	V	70.4	8.35	19.70	74.00	11.40	54.00

- Note)
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
 2. AVG Result(dBuV/m) = Average Reading Value(dBuV) + Correction Factor(dB/m) + DCCF(dB)
 3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
 4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor (dB)
 5. Margin(dB) = (Peak/AVG) Limit (dBuV/m) – (Peak/AVG) Result (dBuV/m)
 6. * - indicates frequency in Restricted Band.

