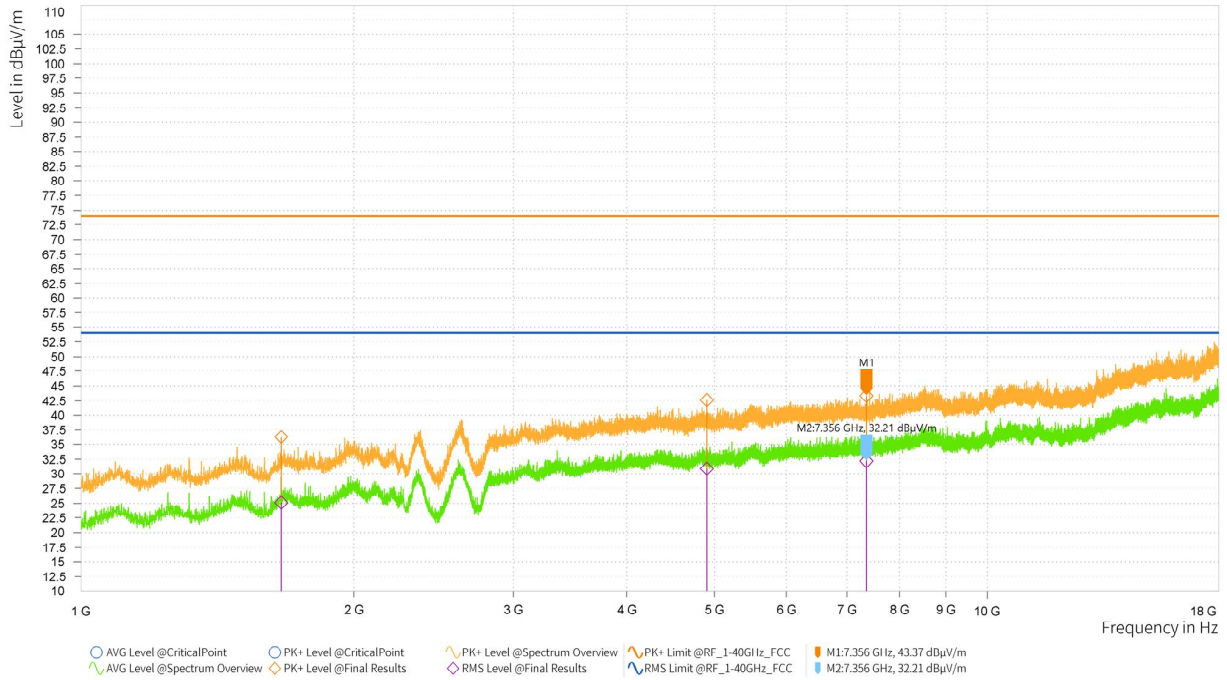




KIEL2403-YW03402-R01

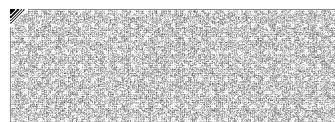
RE(Above 1 GHz) _802.11n(HT40)_2 452 MHz



	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]
*	1 663.500	49.83	36.26	38.70	26.06	0.93	2.00	V	0.0	-13.57	37.74	74.00	27.94	54.00
*	4 904.000	45.04	42.64	33.32	31.85	0.93	3.00	H	50.5	-2.40	31.36	74.00	22.15	54.00
*	7 356.000	43.31	43.37	32.15	33.14	0.93	3.00	H	276.1	0.06	30.63	74.00	20.86	54.00

Note)

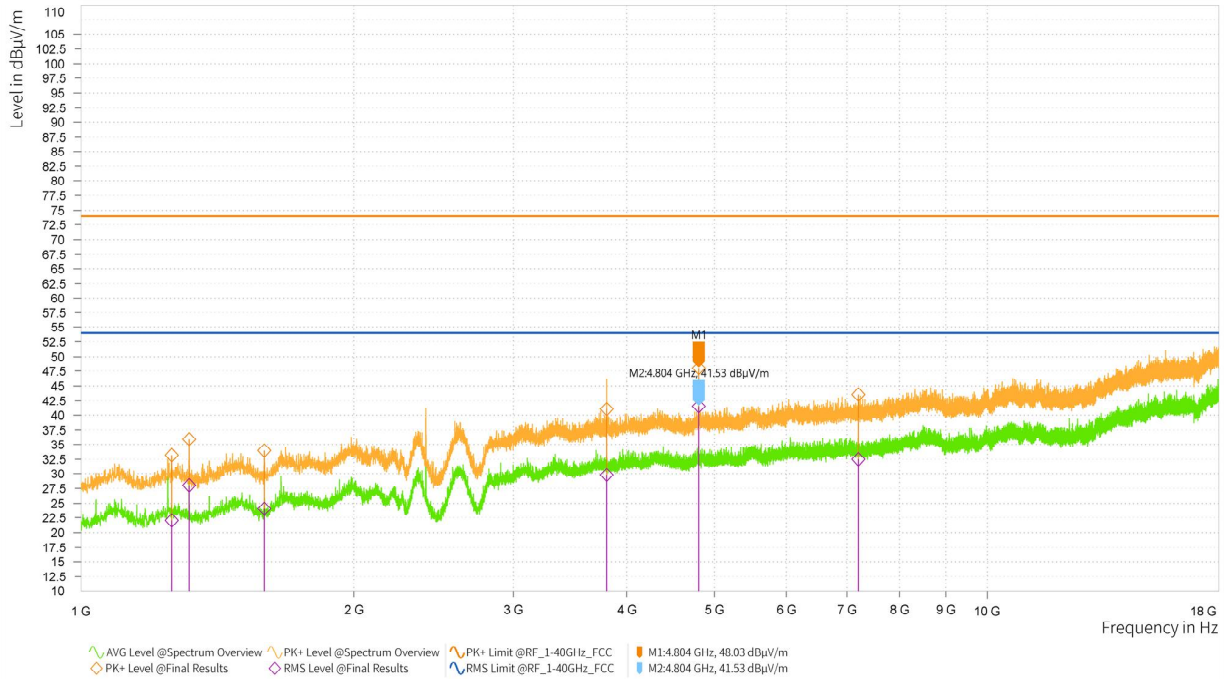
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - 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-YW03402-R01

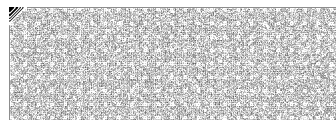
RE(Above 1 GHz) _LE1M_2 402 MHz



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]
1 259.000	49.05	33.20	37.88	24.06	2.03	2.00	V	140.2	-15.85	40.80	74.00	29.94	54.00
1 316.500	51.69	35.97	43.73	30.04	2.03	2.00	H	98.9	-15.72	38.03	74.00	23.96	54.00
* 1 593.000	47.98	33.99	38.08	26.12	2.03	2.00	H	182.6	-13.99	40.01	74.00	27.88	54.00
* 3 803.000	46.05	41.04	34.81	31.83	2.03	3.00	H	146.3	-5.01	32.96	74.00	22.17	54.00
* 4 804.000	50.84	48.03	44.34	43.56	2.03	2.00	H	150.7	-2.81	25.97	74.00	10.44	54.00
7 206.000	43.36	43.61	32.24	34.52	2.03	2.00	V	168.2	0.25	30.39	74.00	19.48	54.00

Note)

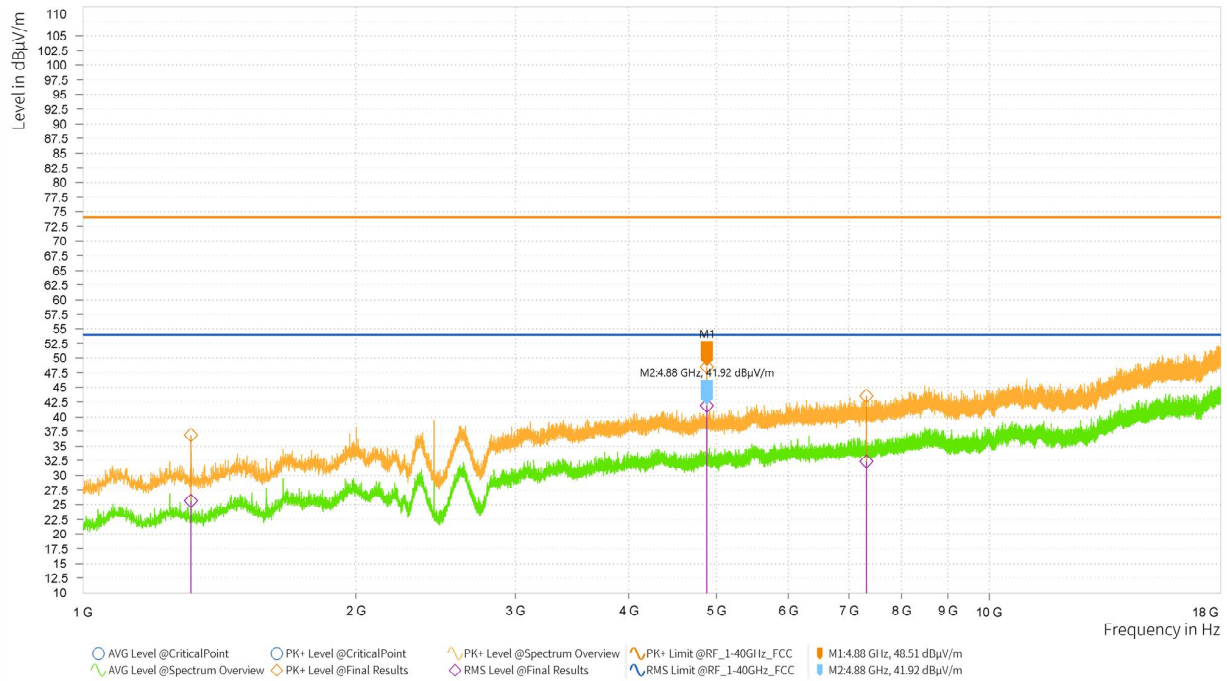
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - 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-YW03402-R01

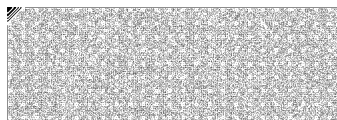
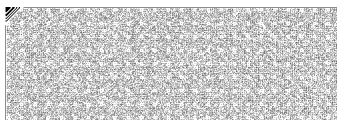
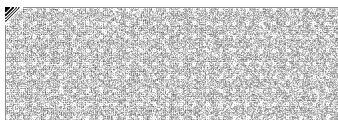
RE(Above 1 GHz) _LE1M_2 440 MHz



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]
1 316.000	52.61	36.88	41.34	27.64	2.03	2.00	V	186.2	-15.73	37.12	74.00	26.36	54.00
* 4 879.500	50.98	48.51	44.39	43.95	2.03	3.00	H	156.9	-2.47	25.49	74.00	10.05	54.00
* 7 320.000	43.47	43.56	32.26	34.38	2.03	2.00	V	202.4	0.09	30.44	74.00	19.62	54.00

Note)

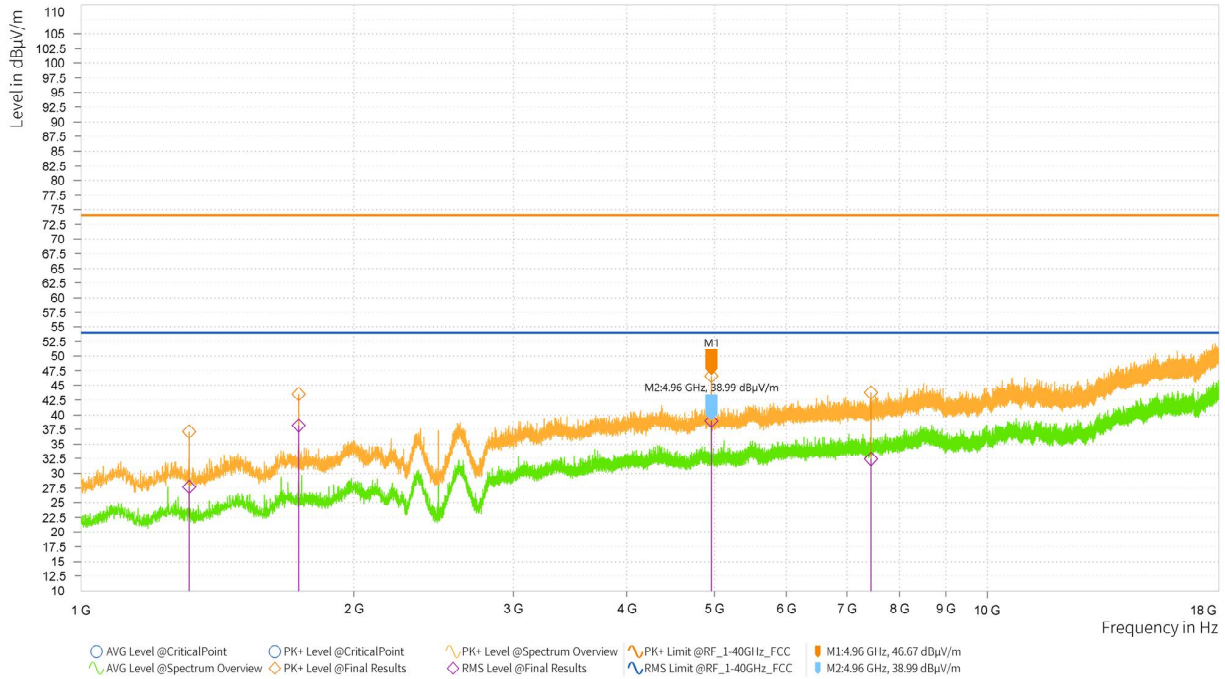
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - 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-YW03402-R01

RE(Above 1 GHz) _LE1M_2 480 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]
1 316.500	52.85	37.13	43.42	29.73	2.03	2.00	V	360.0	-15.72	36.87	74.00	24.27	54.00
1 738.500	56.85	43.51	51.49	40.18	2.03	3.00	V	340.1	-13.34	30.49	74.00	13.82	54.00
* 4 959.500	49.02	46.67	41.34	41.02	2.03	2.00	H	149.4	-2.35	27.33	74.00	12.98	54.00
* 7 440.000	43.65	43.77	32.29	34.44	2.03	2.00	V	171.7	0.12	30.23	74.00	19.56	54.00

Note)

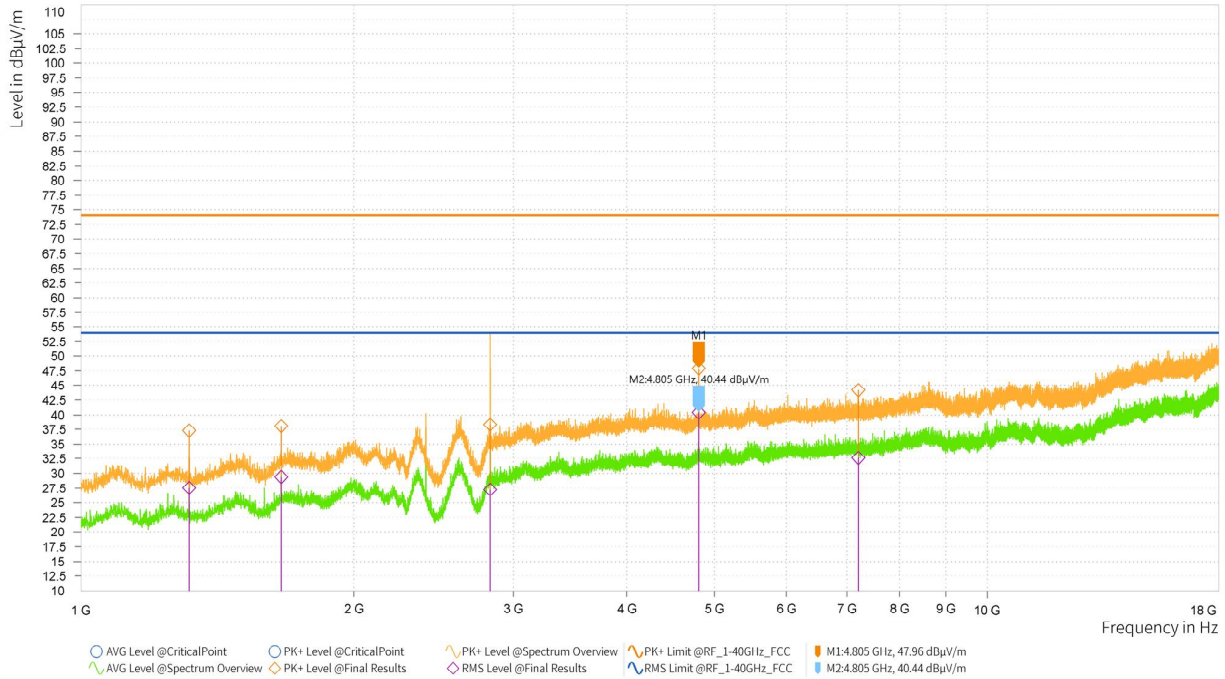
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - 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-YW03402-R01

RE(Above 1 GHz) _LE2M_2 402 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]
1 316.500	53.03	37.31	43.26	32.34	4.80	2.00	V	318.0	-15.72	36.69	74.00	21.66	54.00
* 1 663.000	51.65	38.08	42.99	34.22	4.80	2.00	H	320.3	-13.57	35.92	74.00	19.78	54.00
* 2 828.500	47.51	38.33	36.41	32.03	4.80	3.00	H	303.7	-9.18	35.67	74.00	21.97	54.00
* 4 805.000	50.76	47.96	43.24	45.24	4.80	2.00	H	170.7	-2.80	26.04	74.00	8.76	54.00
7 206.000	43.96	44.21	32.36	37.41	4.80	2.00	V	272.1	0.25	29.79	74.00	16.59	54.00

Note)

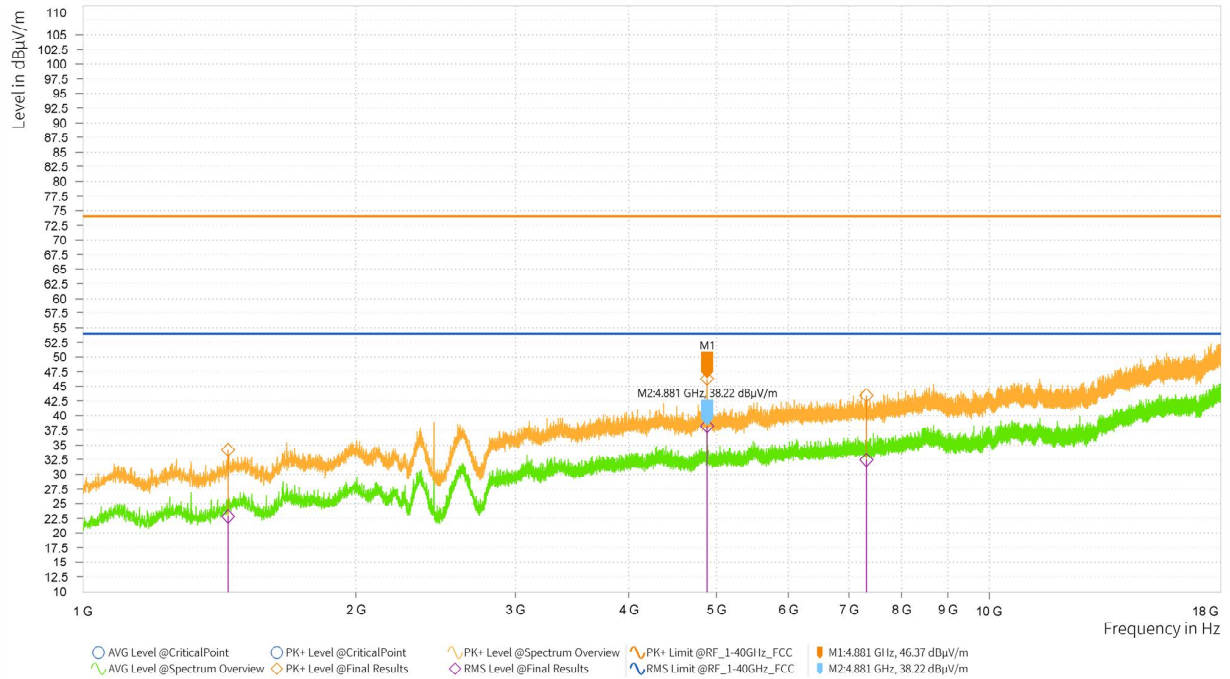
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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-YW03402-R01

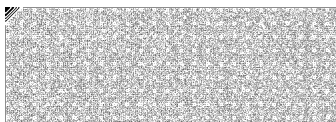
RE(Above 1 GHz) _LE2M_2 440 MHz



	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]
*	1 445.500	48.85	34.20	37.51	27.66	4.80	3.00	H	1.5	-14.65	39.80	74.00	26.34	54.00
*	4 880.500	48.84	46.37	40.69	43.02	4.80	2.00	H	142.0	-2.47	27.63	74.00	10.98	54.00
*	7 320.000	43.36	43.45	32.33	37.22	4.80	2.00	H	110.1	0.09	30.55	74.00	16.78	54.00

Note)

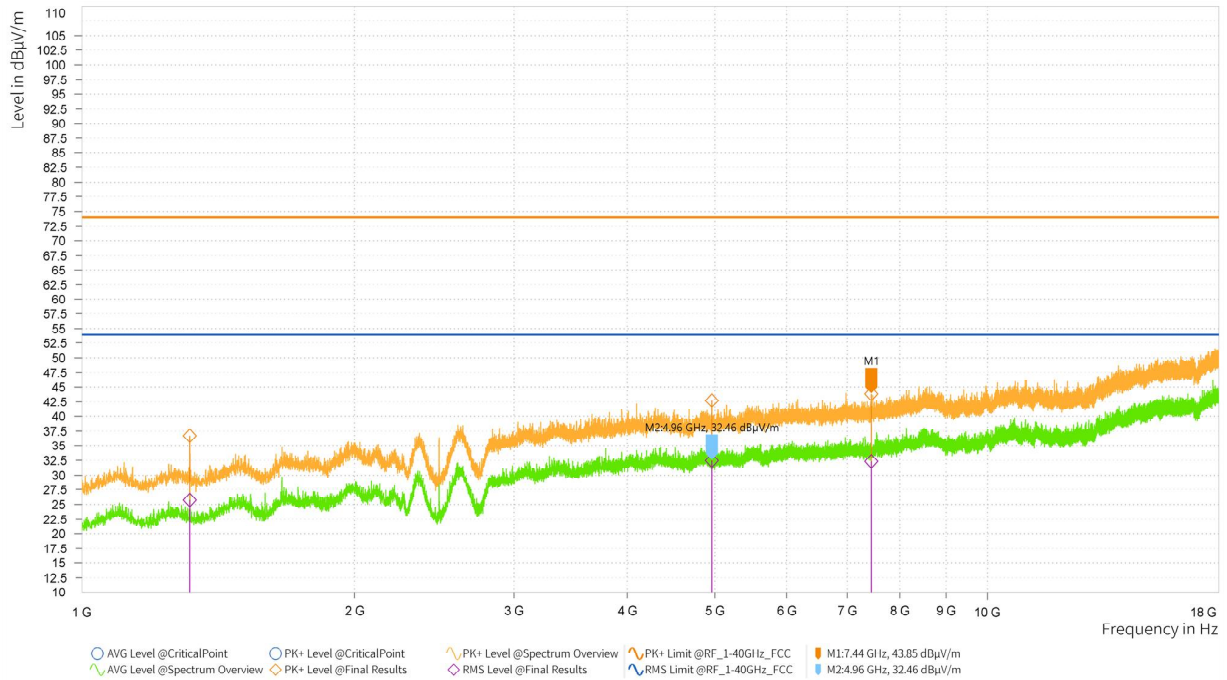
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - 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-YW03402-R01

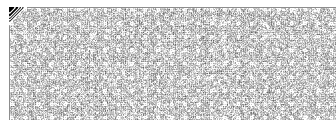
RE(Above 1 GHz) _LE2M_2 480 MHz



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]
1 316.000	52.48	36.75	41.48	30.55	4.80	2.00	V	26.0	-15.73	37.25	74.00	23.45	54.00
* 4 960.000	45.09	42.74	34.81	37.26	4.80	3.00	V	194.8	-2.35	31.26	74.00	16.74	54.00
* 7 440.000	43.73	43.85	32.23	37.15	4.80	2.00	V	209.6	0.12	30.15	74.00	16.85	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
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..

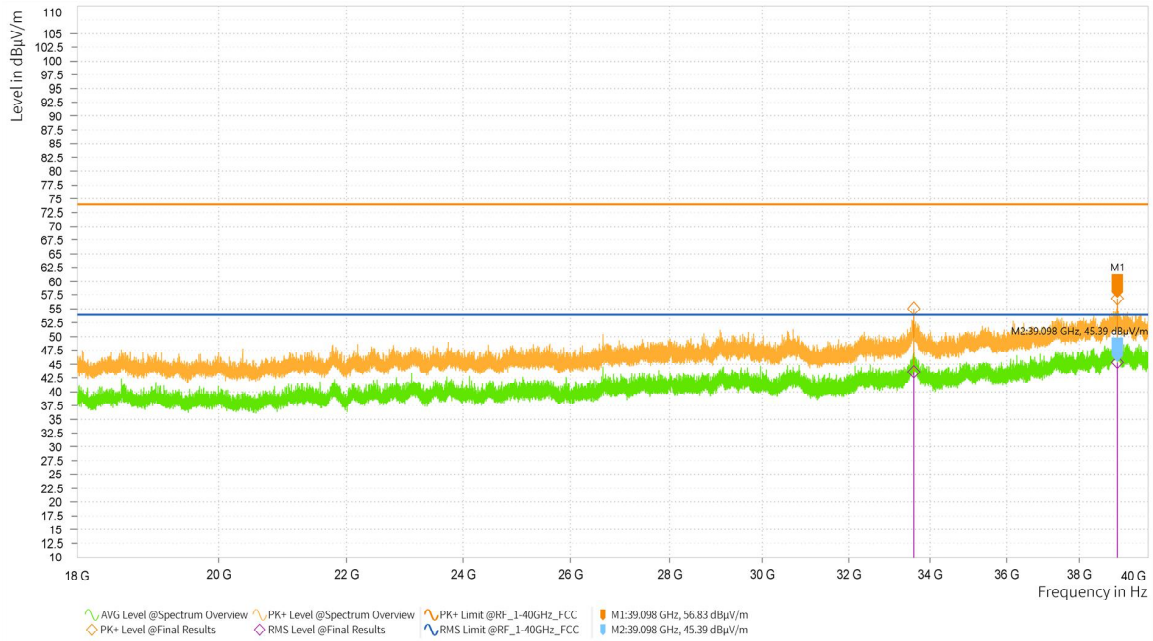




KIEL2403-YW03402-R01

Radiated Emission (Above 18 GHz)

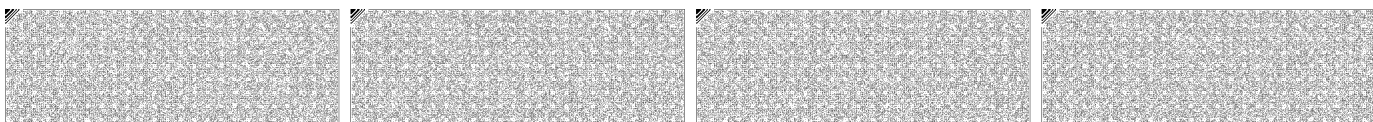
Worst Case - RE(Above 18 GHz)_ 802.11n(HT40)_2 422 MHz



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]
33 592.000	53.69	55.06	42.28	44.58	0.93	2.00	V	249.8	1.37	18.94	74.00	9.42	54.00
39 097.500	52.19	56.83	40.75	46.32	0.93	3.00	V	360.0	4.64	17.17	74.00	7.68	54.00

Note)

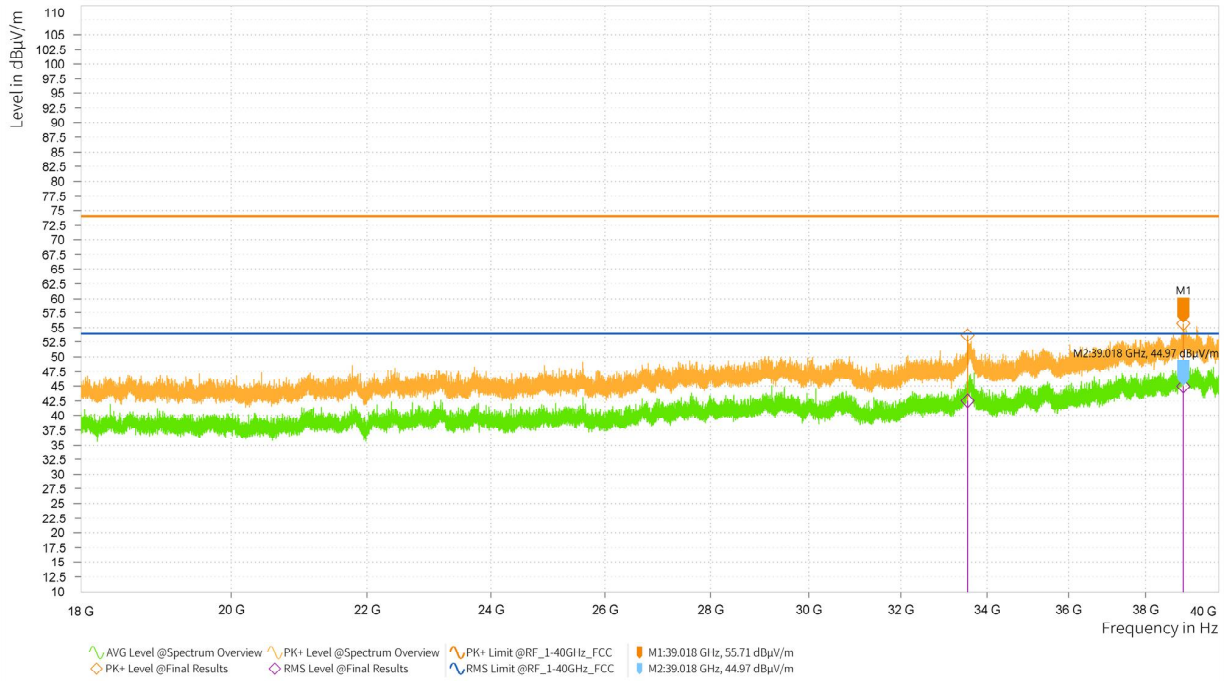
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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-YW03402-R01

Worst Case - RE(Above 18 GHz)_ LE1M_2 440 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]
33 538.500	53.23	53.69	42.09	44.58	2.03	3.00	H	102.4	0.46	20.31	74.00	9.42	54.00
39 017.500	51.09	55.71	40.35	47.00	2.03	2.00	H	248.0	4.62	18.29	74.00	7.00	54.00

Note)

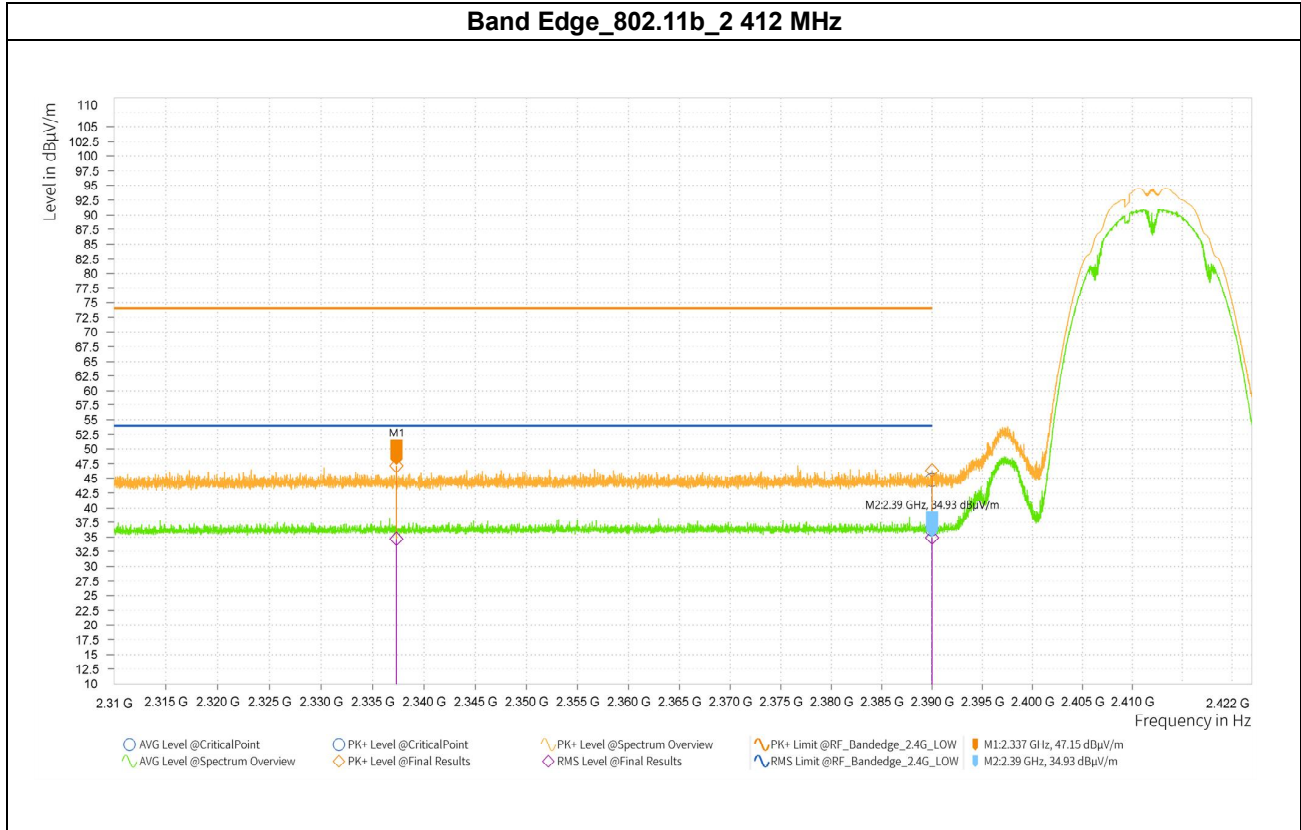
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = $10 \times \log(1/\text{Duty Cycle})$
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – 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-YW03402-R01

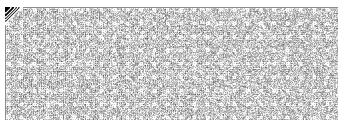
Restricted Band Edge



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]
* 2 337.317	48.06	47.15	35.64	34.86	0.13	3.00	V	244.0	-0.91	26.85	74.00	19.14	54.00
* 2 390.000	47.18	46.38	35.73	35.06	0.13	1.00	H	358.4	-0.80	27.62	74.00	18.94	54.00

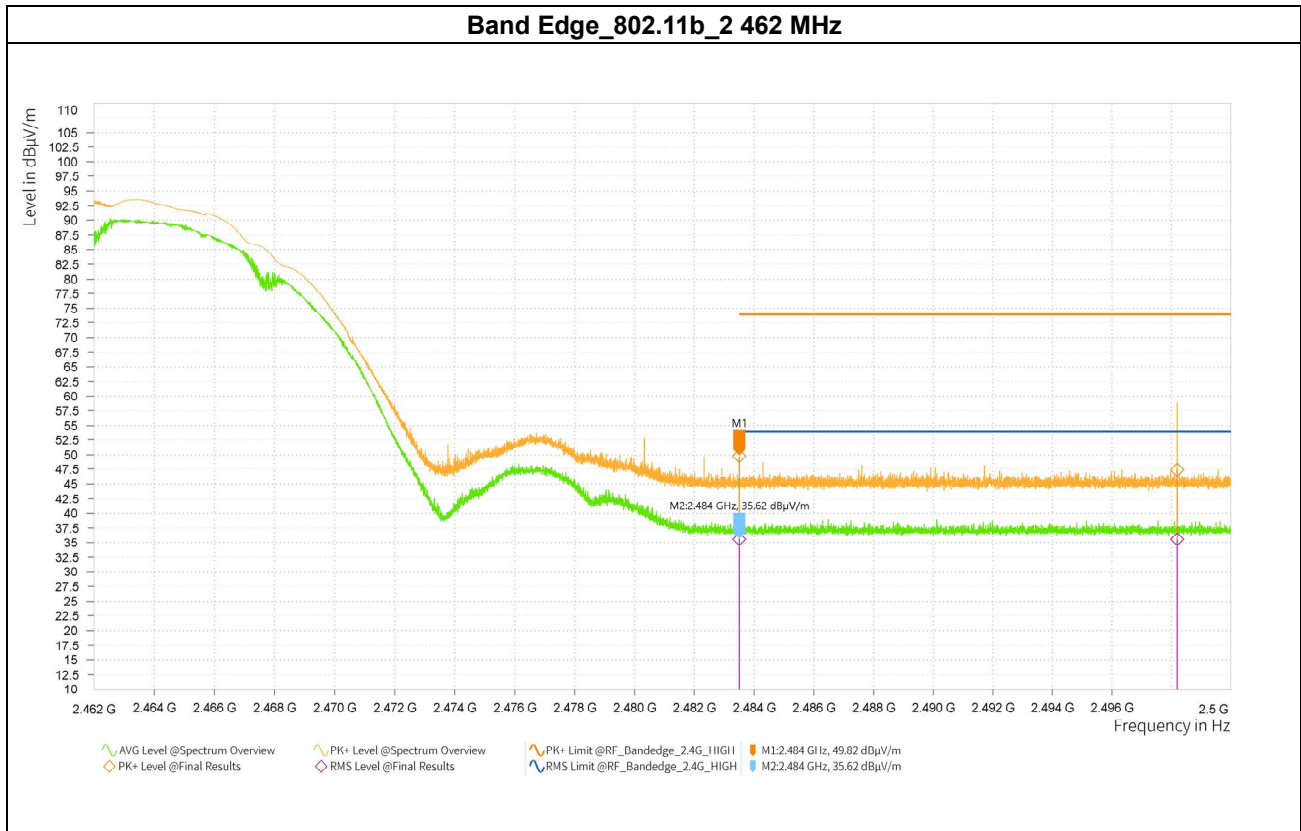
Note)

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
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.





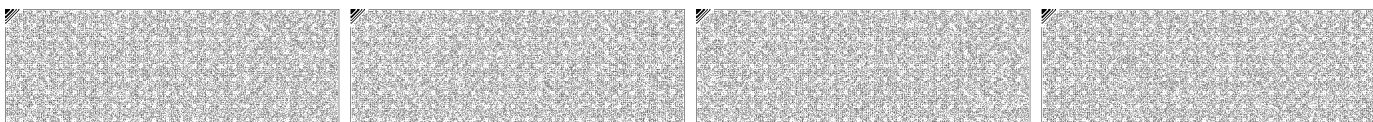
KIEL2403-YW03402-R01



	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]
*	2 483.500	49.95	49.82	35.75	35.75	0.13	2.00	H	250.7	-0.13	24.18	74.00	18.25	54.00
*	2 498.200	47.46	47.41	35.67	35.75	0.13	1.00	H	289.3	-0.05	26.59	74.00	18.25	54.00

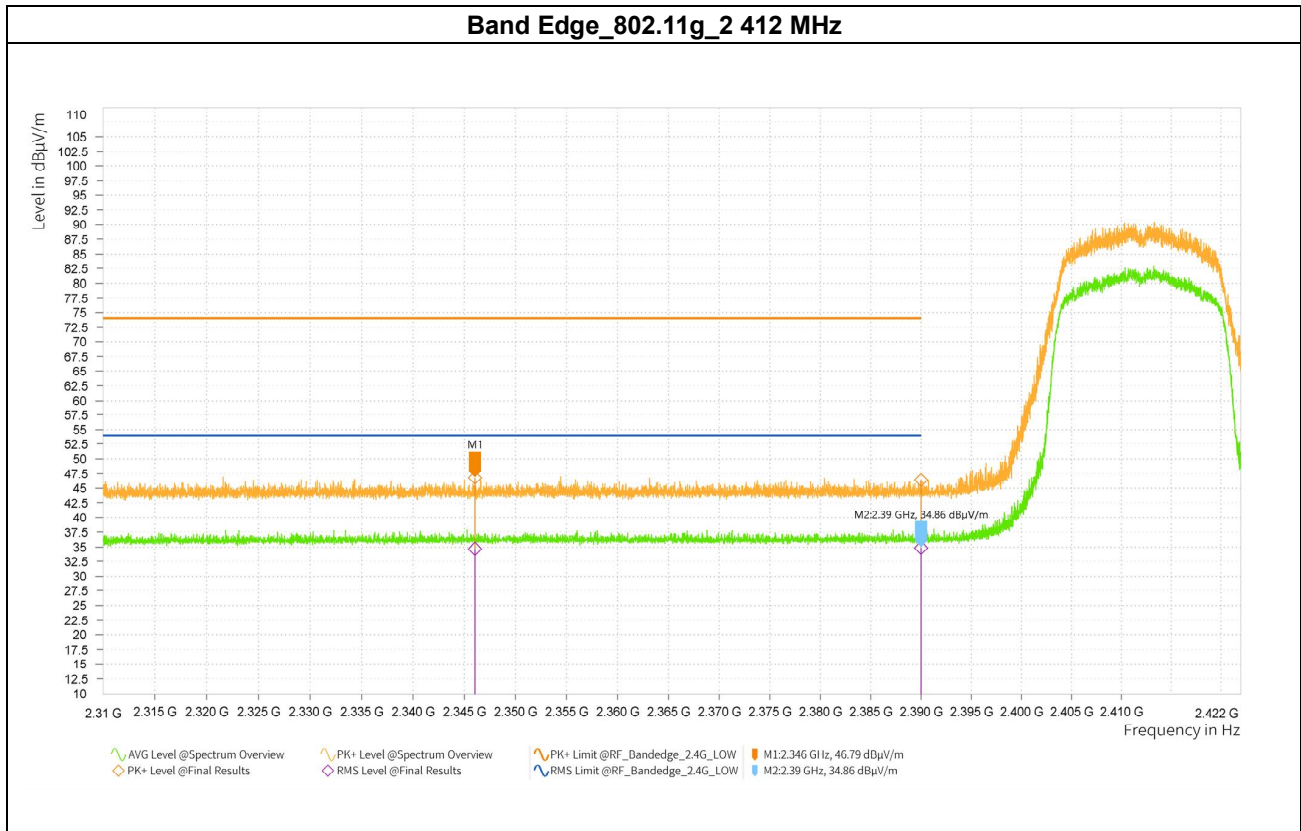
Note)

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
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-YW03402-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]
*	2 346.042	47.66	46.79	35.60	35.13	0.40	2.00	V	27.6	-0.87	27.21	74.00	18.87	54.00
*	2 390.000	47.20	46.40	35.66	35.26	0.40	1.00	H	0.1	-0.80	27.60	74.00	18.74	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
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.

