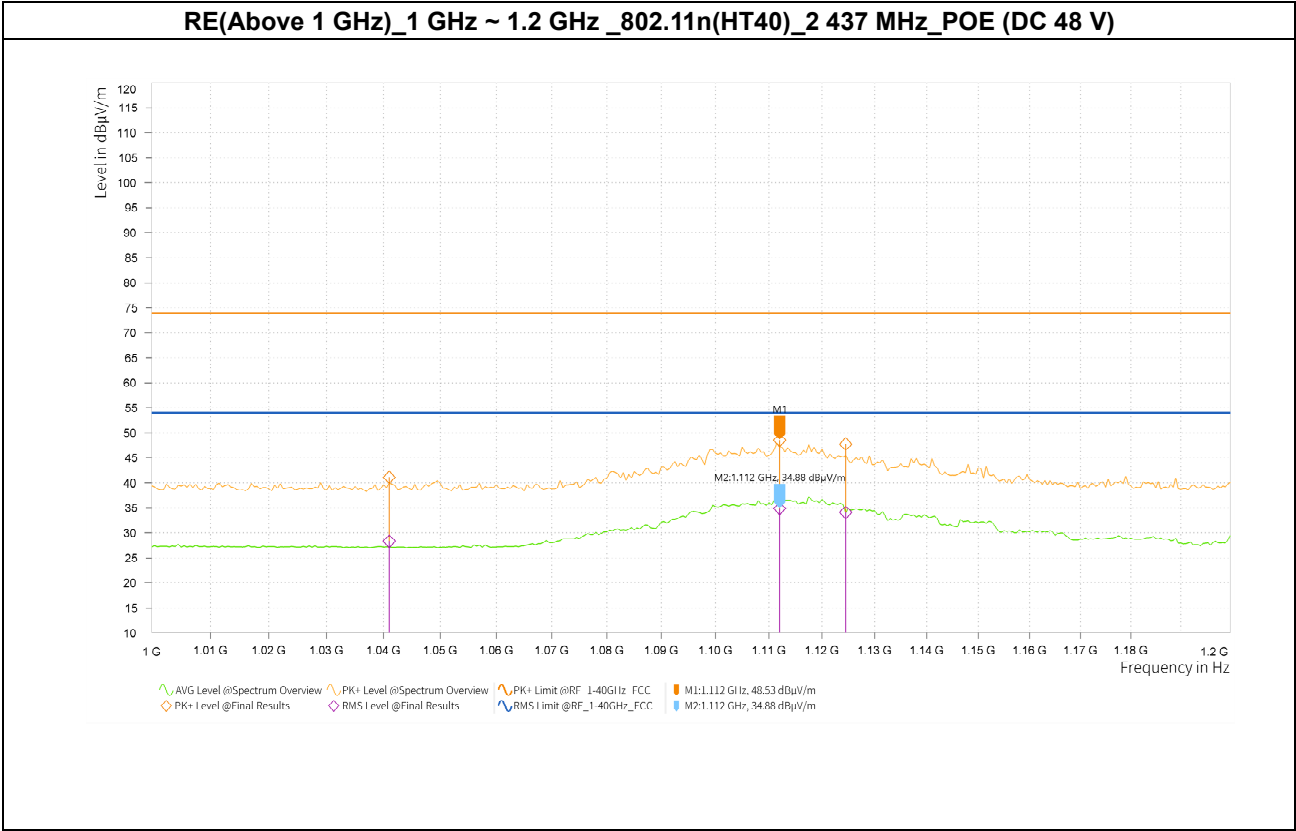




KIEL2506-YW05992



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]
* 1 041.000	57.03	41.13	44.23	29.02	0.69	1.50	H	359.3	-15.90	32.87	74.00	24.98	54.00
* 1 112.000	64.48	48.53	50.83	35.57	0.69	1.50	V	119.3	-15.95	25.47	74.00	18.43	54.00
* 1 124.500	63.72	47.75	50.05	34.77	0.69	1.50	V	109.3	-15.97	26.25	74.00	19.23	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 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)

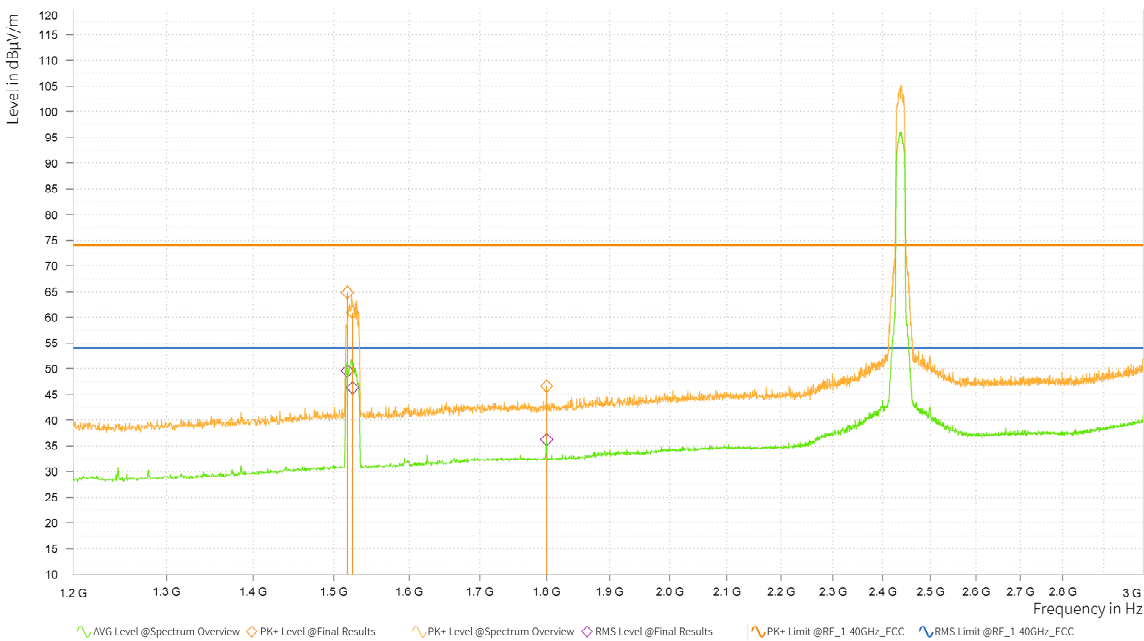
6. * - indicates frequency in Restricted Band.





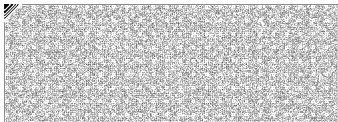
KIEL2506-YW05992

RE(Above 1 GHz)_ 1.2 GHz ~ 3 GHz _802.11n(HT40)_2 437 MHz_Adaptor (DC 5 V)



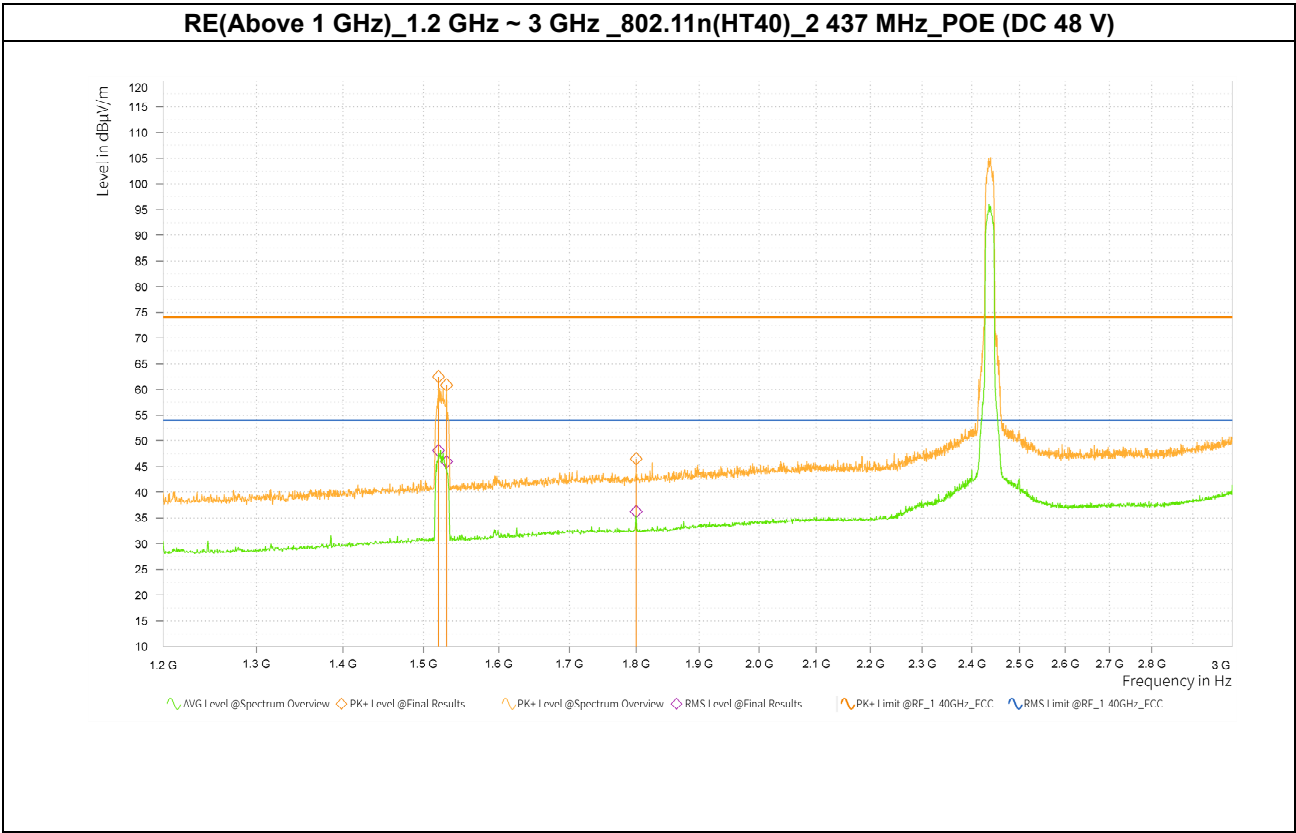
Frequency [MHz]	Peak Reading [dBuV]	Peak Result [dBuV/m]	AVG Reading [dBuV]	AVG Result [dBuV/m]	DCCF [dB]	Height [cm]	Pol	Azimuth [deg]	Corr. [dB/m]	Peak Margin [dB]	Peak Limit [dBuV/m]	AVG Margin [dB]	AVG Limit [dBuV/m]
* 1 517.500	79.00	64.83	63.77	50.29	0.69	1.50	H	207.9	-14.17	9.17	74.00	3.71	54.00
* 1 524.500	75.11	60.97	60.42	46.97	0.69	1.50	V	53.9	-14.14	13.03	74.00	7.03	54.00
1 800.000	59.92	46.62	49.51	36.90	0.69	1.50	H	152.0	-13.30	27.38	74.00	17.10	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 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.





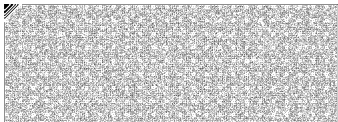
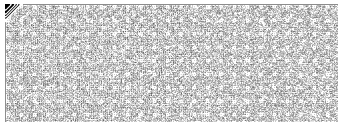
KIEL2506-YW05992



	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]
*	1 519.500	76.62	62.46	62.28	48.81	0.69	1.50	H	121.4	-14.16	11.54	74.00	5.19	54.00
*	1 530.000	74.96	60.85	60.09	46.67	0.69	1.50	H	121.4	-14.11	13.15	74.00	7.33	54.00
	1 800.000	59.83	46.53	49.54	36.93	0.69	1.50	H	169.2	-13.30	27.47	74.00	17.07	54.00

Note)

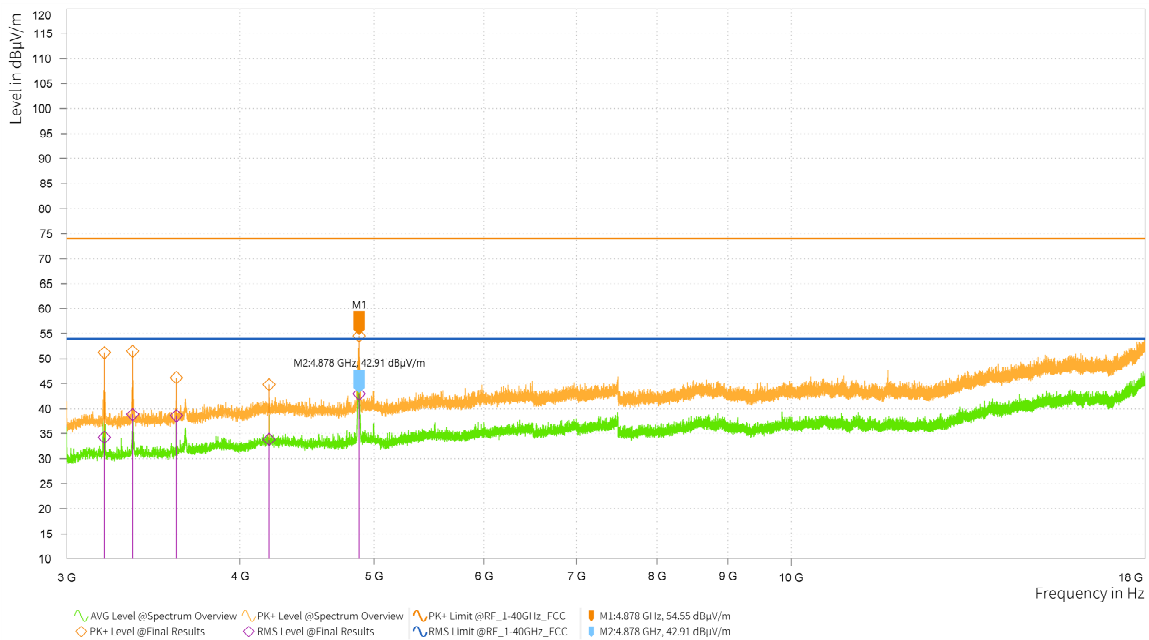
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier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





KIEL2506-YW05992

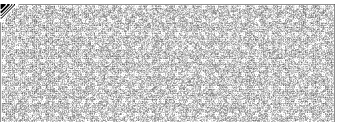
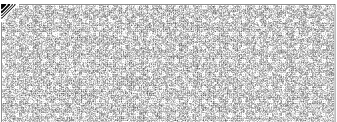
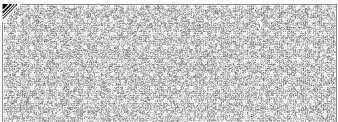
RE(Above 1 GHz)_ 3 GHz ~ 18 GHz _802.11n(HT40)_2 437 MHz_Adaptor (DC 5 V)



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]
3 194.000	57.77	51.16	40.85	34.93	0.69	1.00	V	230.6	-6.61	22.84	74.00	19.07	54.00
* 3 348.500	57.81	51.46	45.20	39.54	0.69	3.00	V	159.0	-6.35	22.54	74.00	14.46	54.00
* 3 600.000	51.91	46.19	44.32	39.29	0.69	1.00	V	266.3	-5.72	27.81	74.00	14.71	54.00
* 4 199.500	48.79	44.83	37.76	34.49	0.69	3.00	H	0.0	-3.96	29.17	74.00	19.51	54.00
* 4 877.500	57.15	54.55	45.51	43.60	0.69	1.00	V	302.2	-2.60	19.45	74.00	10.40	54.00

Note)

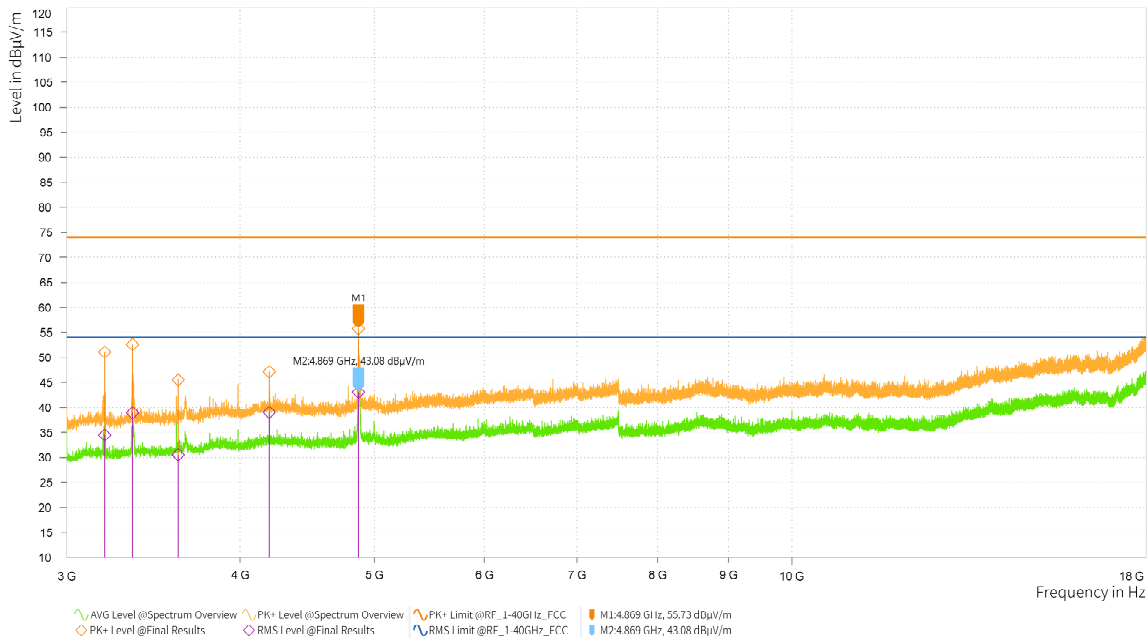
1. Peak Result(dBuV/m) = Peak Reading Value(dBuV) + Correction Factor(dB/m)
2. AVG Result(dBuV/m) = Average Reading Value (dBuV) + Correction Factor(dB/m) + DCCF
3. DCCF(Duty Cycle Correction Factor) = 10 x Log(1/Duty Cycle)
4. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier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





KIEL2506-YW05992

RE(Above 1 GHz)_3 GHz ~ 18 GHz _802.11n(HT40)_2 437 MHz_POE (DC 48 V)



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]
3 195.500	57.67	51.06	41.07	35.15	0.69	1.00	V	230.7	-6.61	22.94	74.00	18.85	54.00
* 3 346.000	58.94	52.59	45.30	39.64	0.69	3.00	V	110.1	-6.35	21.41	74.00	14.36	54.00
* 3 610.500	51.22	45.55	36.21	31.23	0.69	1.00	V	40.0	-5.67	28.45	74.00	22.77	54.00
* 4 200.000	51.11	47.15	43.00	39.73	0.69	1.00	V	290.4	-3.96	26.85	74.00	14.27	54.00
* 4 869.000	58.36	55.73	45.71	43.77	0.69	2.00	V	106.0	-2.63	18.27	74.00	10.23	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 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.

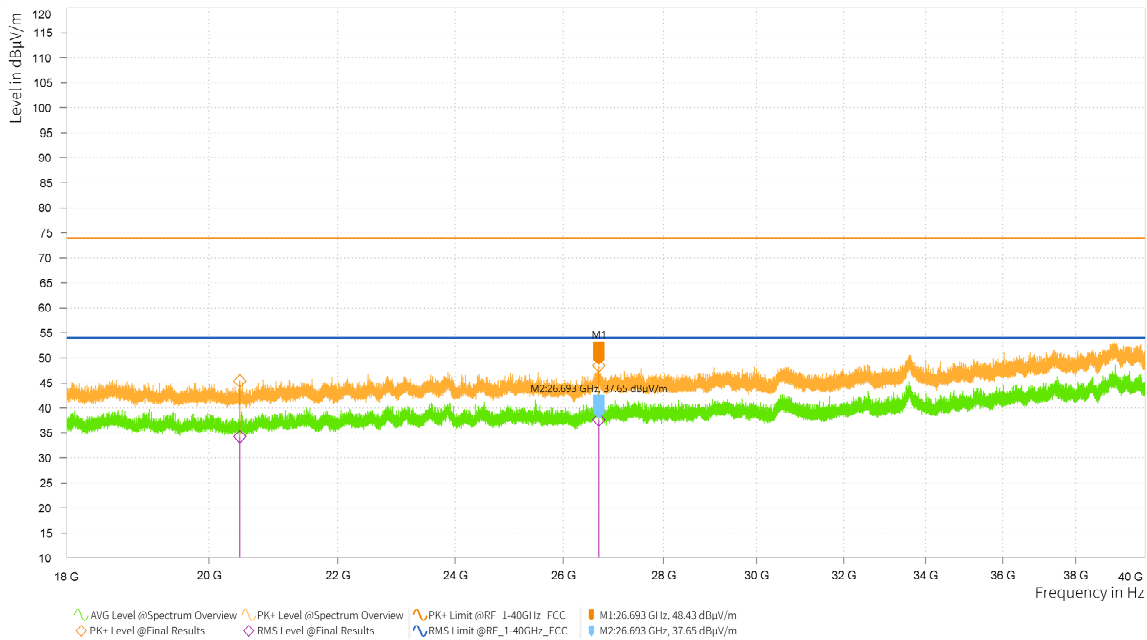




KIEL2506-YW05992

-Above 18 GHz

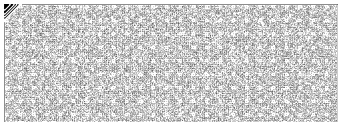
RE(Above 18 GHz) _802.11n(HT20)_2 437 MHz_Adaptor (DC 5 V)



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]
* 20 463.500	53.82	45.37	42.67	34.91	0.69	3.00	H	63.3	-8.45	28.63	74.00	19.09	54.00
26 693.000	50.83	48.43	40.05	38.34	0.69	2.00	H	336.3	-2.40	25.57	74.00	15.66	54.00

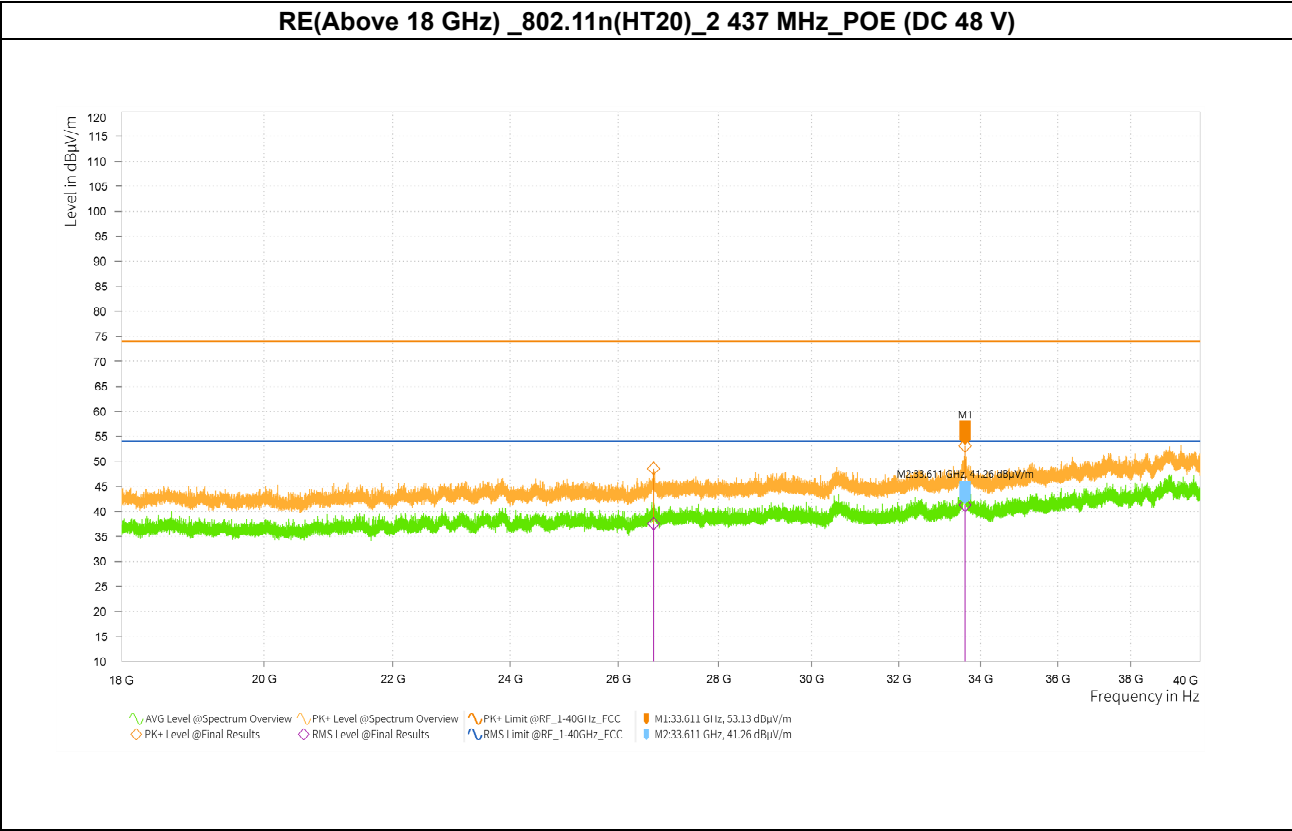
Note)

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 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.





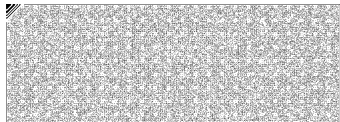
KIEL2506-YW05992



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]
26 691.000	50.99	48.57	39.98	38.25	0.69	1.00	H	261.6	-2.42	25.43	74.00	15.75	54.00
33 610.500	52.41	53.13	40.54	41.95	0.69	2.00	H	236.9	0.72	20.87	74.00	12.05	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 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.

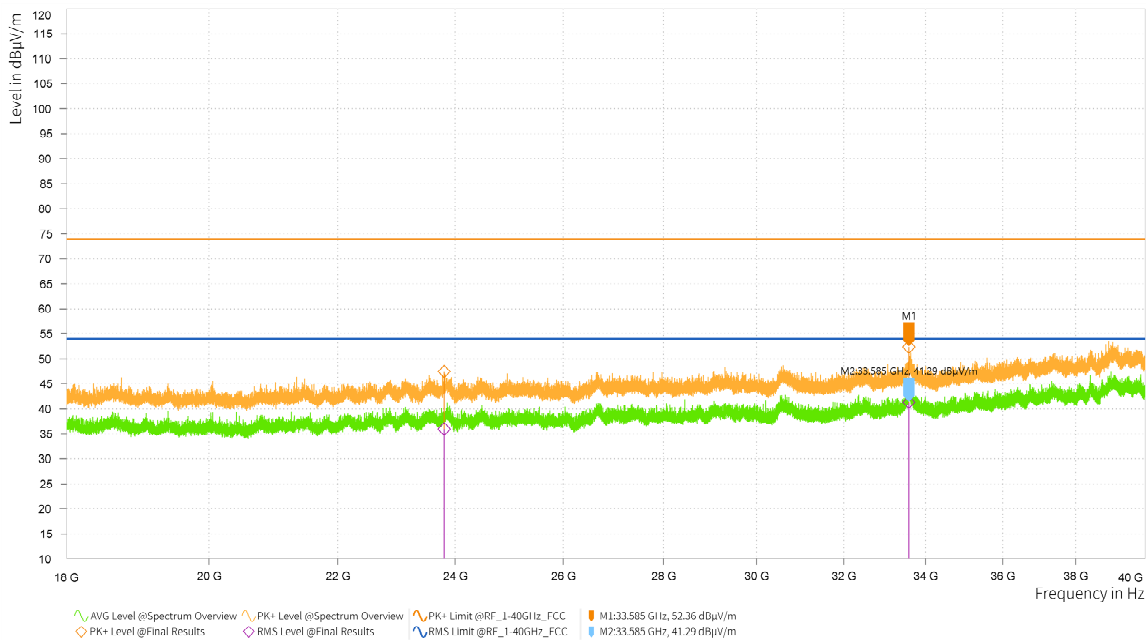




KIEL2506-YW05992

-Simultaneous

RE(Above 18 GHz) _802.11n(HT20)_2 437 MHz_Adaptor (DC 5 V)



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]
23 807.000	52.52	47.44	41.03	36.64	0.69	2.00	V	242.6	-5.08	26.56	74.00	17.36	54.00
33 585.000	51.74	52.36	40.67	41.98	0.69	1.00	V	120.1	0.62	21.64	74.00	12.02	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 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.

