

Test Report No.50290242 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50290242 001 AppendixD)

Contents

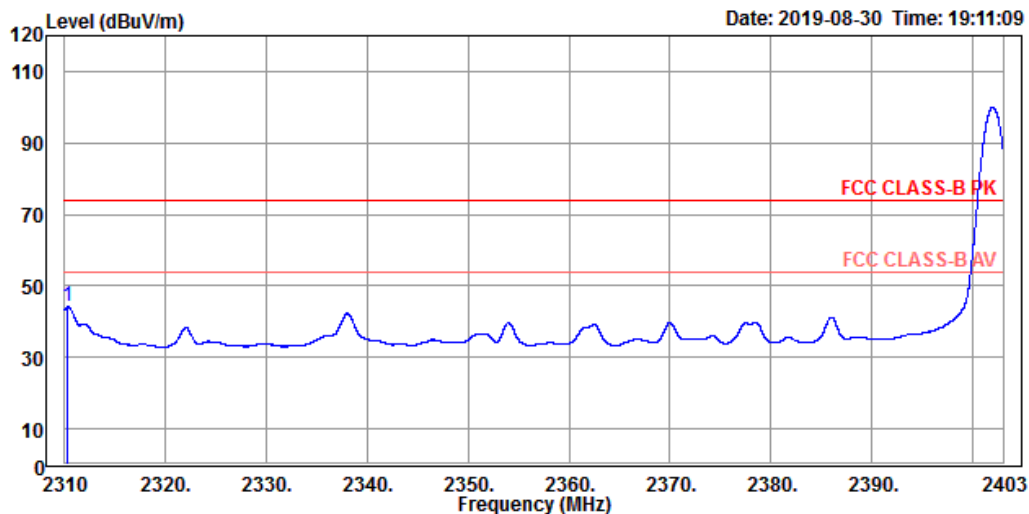
Spurious Emissions, Band Edges, 2.35-2.5G, BLE 1M	4
Spurious Emissions, TX Mode, 1-18G, BLE 1M.....	12
Spurious Emissions, TX Mode, 18-26G, BLE 1M.....	18
Spurious Emissions, TX Mode, 30M-1G, BLE 1M	24
Spurious Emissions, TX Mode, 9k-30M, BLE 1M.....	26
Spurious Emissions, RX Mode, 1-18G, BLE 1M	28
Spurious Emissions, RX Mode, 18-26G, BLE 1M	30
Spurious Emissions, RX Mode, 30M-1G, BLE 1M.....	32
Spurious Emissions, RX Mode, 9K-30M, BLE 1M	34
Mains, BLE 1M.....	36
Spurious Emissions, Band Edges, 2.35-2.5G, BLE 2M	38
Spurious Emissions, TX Mode, 1-18G, BLE 2M.....	46
Spurious Emissions, TX Mode, 18-26G, BLE 2M.....	52
Spurious Emissions, TX Mode, 30M-1G, BLE 2M	58
Spurious Emissions, TX Mode, 9k-30M, BLE 2M.....	60
Spurious Emissions, RX Mode, 1-18G, BLE 2M	62
Spurious Emissions, RX Mode, 18-26G, BLE 2M	64
Spurious Emissions, RX Mode, 30M-1G, BLE 2M.....	66
Spurious Emissions, RX Mode, 9K-30M, BLE 2M	68
Mains, BLE 2M.....	70
Spurious Emissions, Band Edges, 2.35-2.5G, ANT	72
Spurious Emissions, TX Mode, 1-18G, ANT	80
Spurious Emissions, TX Mode, 18-26G, ANT.....	86
Spurious Emissions, TX Mode, 30M-1G, ANT	92
Spurious Emissions, TX Mode, 9k-30M, ANT	94
Spurious Emissions, RX Mode, 1-18G, ANT	96
Spurious Emissions, RX Mode, 18-26G, ANT	98
Spurious Emissions, RX Mode, 30M-1G, ANT.....	100
Spurious Emissions, RX Mode, 9K-30M, ANT	102
Mains, ANT	104

Spurious Emissions, Band Edges, 2.35-2.5G, Nordic Original	106
Spurious Emissions, TX Mode, 1-18G, Nordic Original.....	114
Spurious Emissions, TX Mode, 18-26G, Nordic Original.....	120
Spurious Emissions, TX Mode, 30M-1G, Nordic Original	126
Spurious Emissions, TX Mode, 9k-30M, Nordic Original.....	128
Spurious Emissions, RX Mode, 1-18G, Nordic Original	130
Spurious Emissions, RX Mode, 18-26G, Nordic Original	132
Spurious Emissions, RX Mode, 30M-1G, Nordic Original	134
Spurious Emissions, RX Mode, 9K-30M, Nordic Original.....	136
Mains, Nordic Original.....	138
Spurious Emissions, Band Edges, 2.35-2.5G, IEEE802.15.4.....	140
Spurious Emissions, TX Mode, 1-18G, IEEE802.15.4	148
Spurious Emissions, TX Mode, 18-26G, IEEE802.15.4	154
Spurious Emissions, TX Mode, 30M-1G, IEEE802.15.4.....	160
Spurious Emissions, TX Mode, 9k-30M, IEEE802.15.4	162
Spurious Emissions, RX Mode, 1-18G, IEEE802.15.4	164
Spurious Emissions, RX Mode, 18-26G, IEEE802.15.4	166
Spurious Emissions, RX Mode, 30M-1G, IEEE802.15.4.....	168
Spurious Emissions, RX Mode, 9K-30M, IEEE802.15.4	170
Mains, IEEE802.15.4	172

Spurious Emissions, Band Edges, 2.35-2.5G, BLE 1M

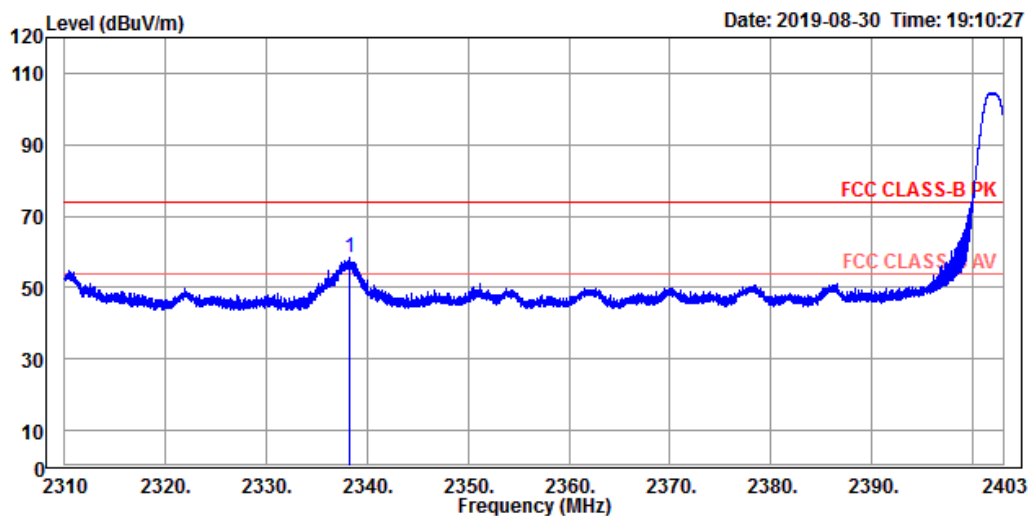


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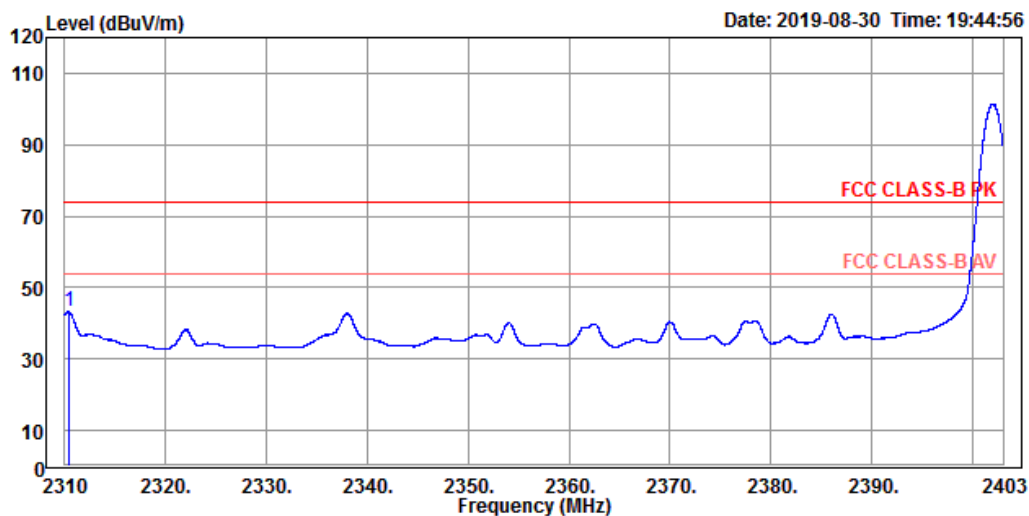
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read	Level	Factor	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2310.316	46.36	-2.20	44.16	54.00	-9.84	186	125	Average



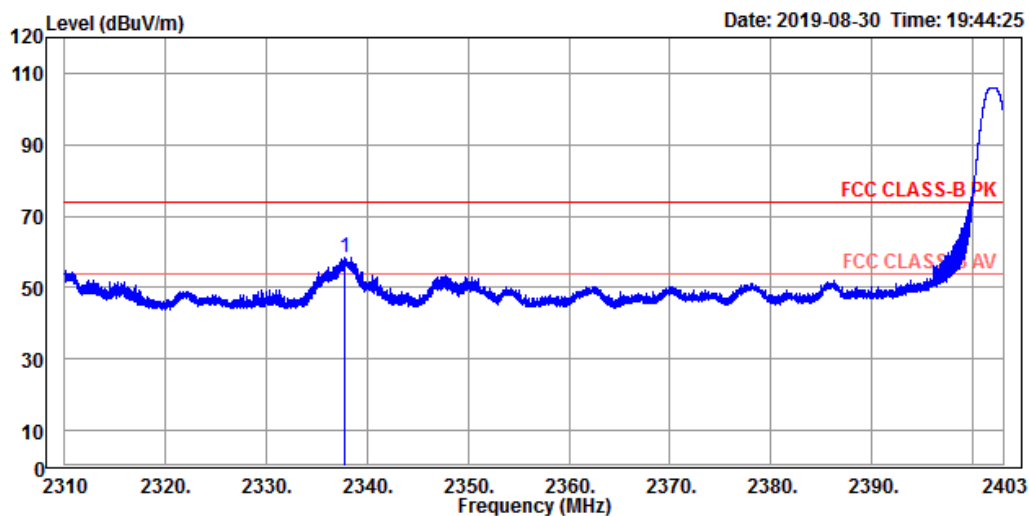
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2338.200	60.31	-2.03	58.28	74.00	-15.72	186	125	Peak



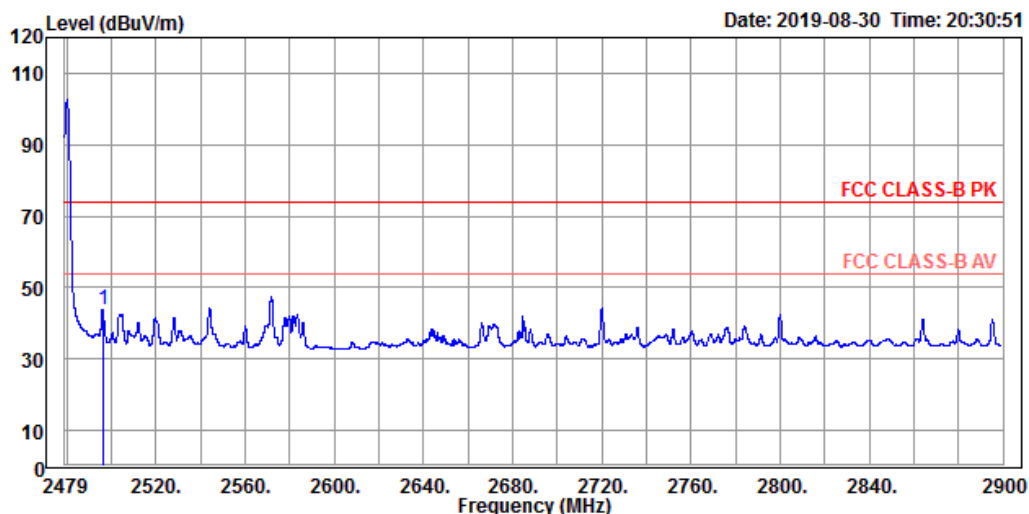
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2310.363	45.61	-2.20	43.41	54.00	-10.59	278	173	Average



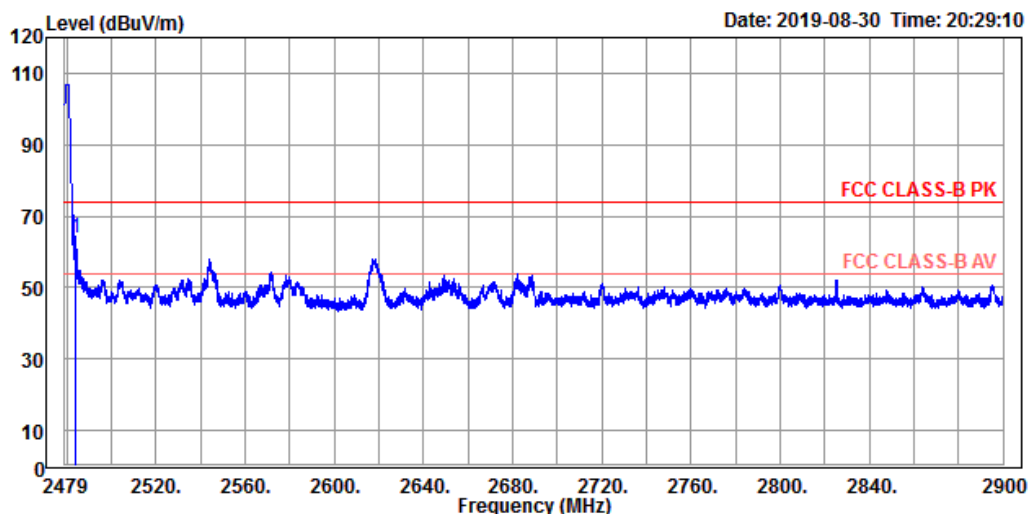
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2337.717	60.49	-2.04	58.45	74.00	-15.55	278	173	Peak



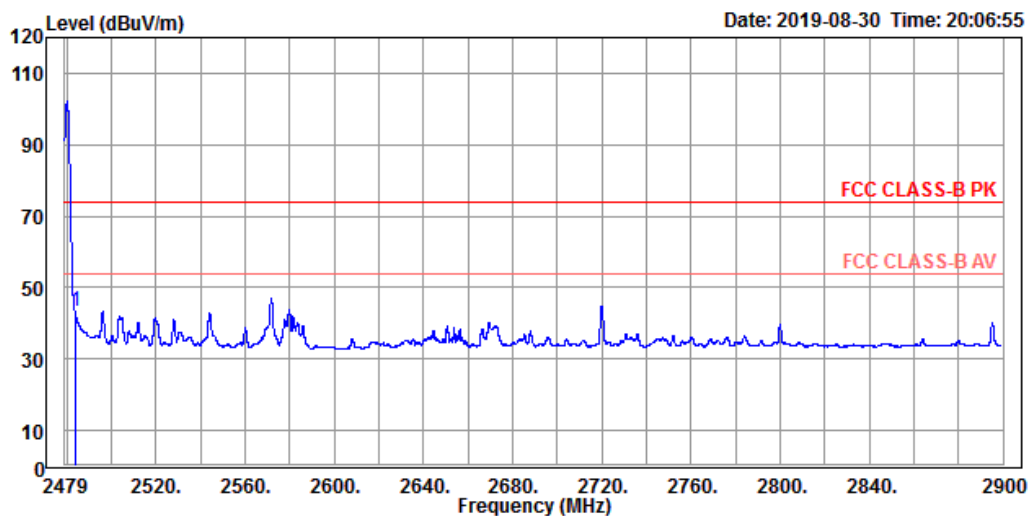
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2495.968	45.57	-1.59	43.98	54.00	-10.02	216	202	Average



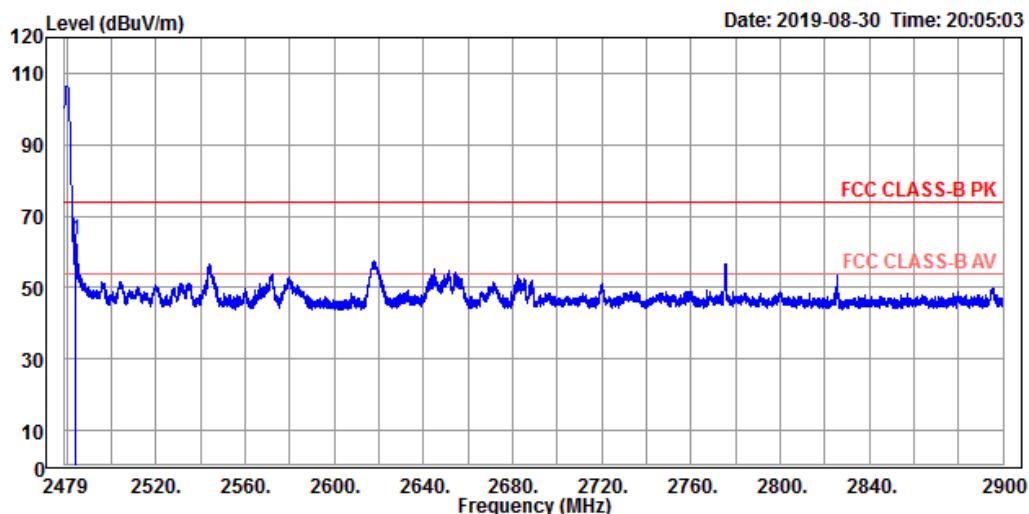
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.589	65.27	-1.60	63.67	74.00	-10.33	216	202	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.505	44.86	-1.60	43.26	54.00	-10.74	266	173	Average



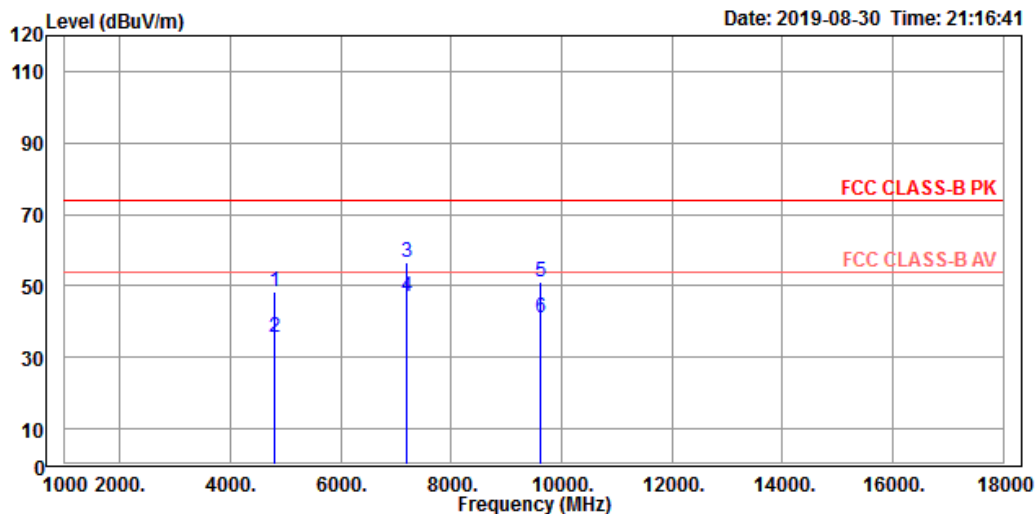
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m VERTICAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.758	64.89	-1.60	63.29	74.00	-10.71	266	173	Peak

Spurious Emissions, TX Mode, 1-18G, BLE 1M

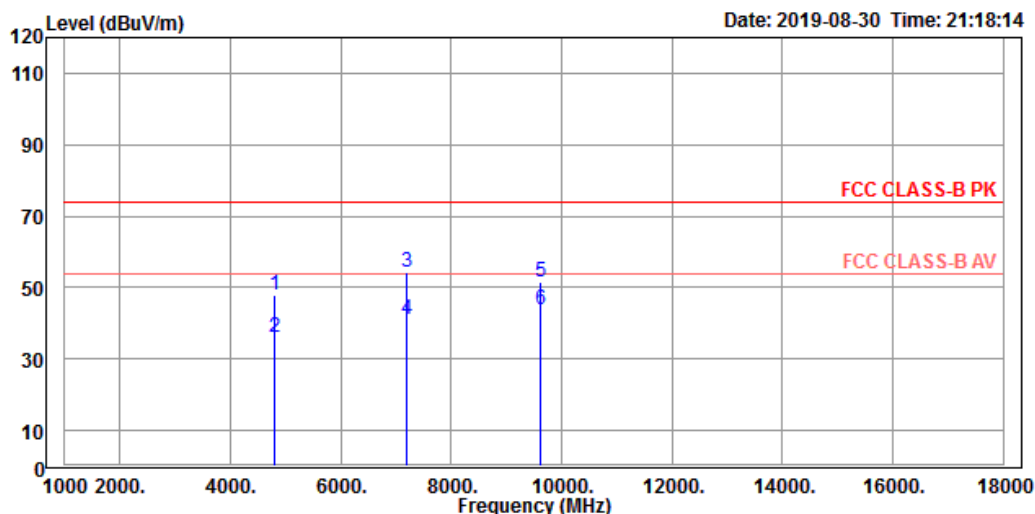


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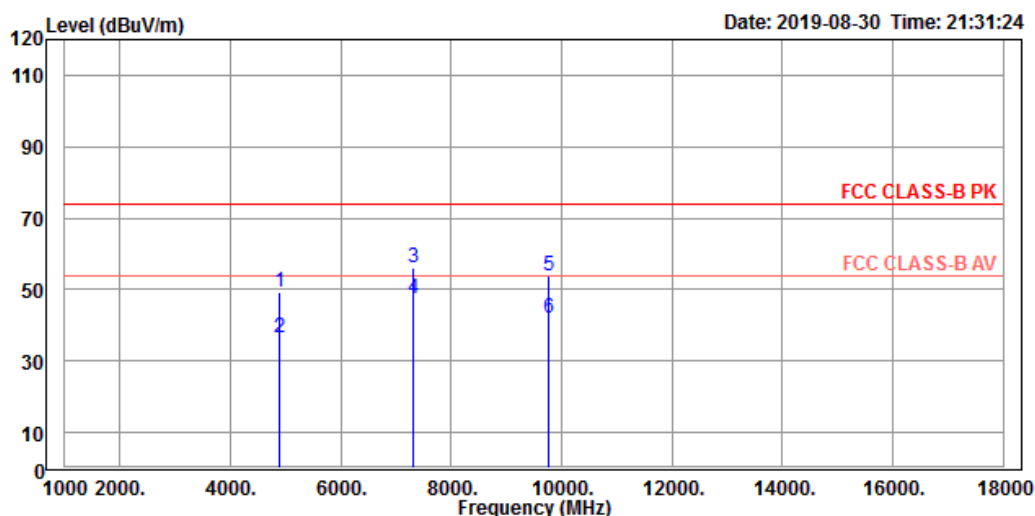
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	42.75	5.41	48.16	74.00	-25.84	100	67	Peak
2	4804.000	30.26	5.41	35.67	54.00	-18.33	100	67	Average
3	7206.000	49.06	7.72	56.78	74.00	-17.22	100	207	Peak
4	7206.000	39.12	7.72	46.84	54.00	-7.16	100	207	Average
5	9607.961	40.20	10.83	51.03	74.00	-22.97	100	88	Peak
6	9607.961	30.25	10.83	41.08	54.00	-12.92	100	88	Average



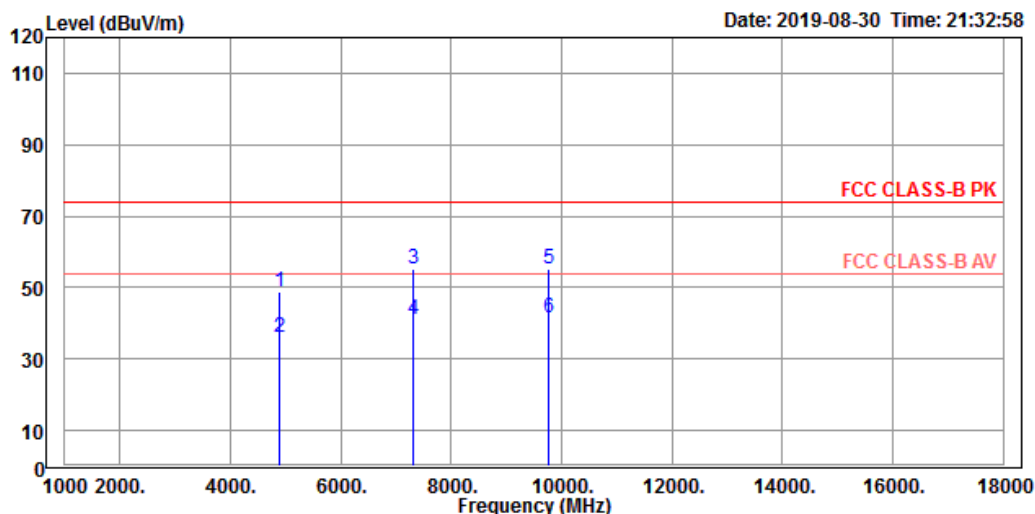
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	42.68	5.41	48.09	74.00	-25.91	100	135	Peak
2	4804.000	30.70	5.41	36.11	54.00	-17.89	100	135	Average
3	7206.000	46.46	7.72	54.18	74.00	-19.82	100	177	Peak
4	7206.000	33.51	7.72	41.23	54.00	-12.77	100	177	Average
5	9608.000	40.86	10.83	51.69	74.00	-22.31	100	314	Peak
6	9608.000	32.87	10.83	43.70	54.00	-10.30	100	314	Average



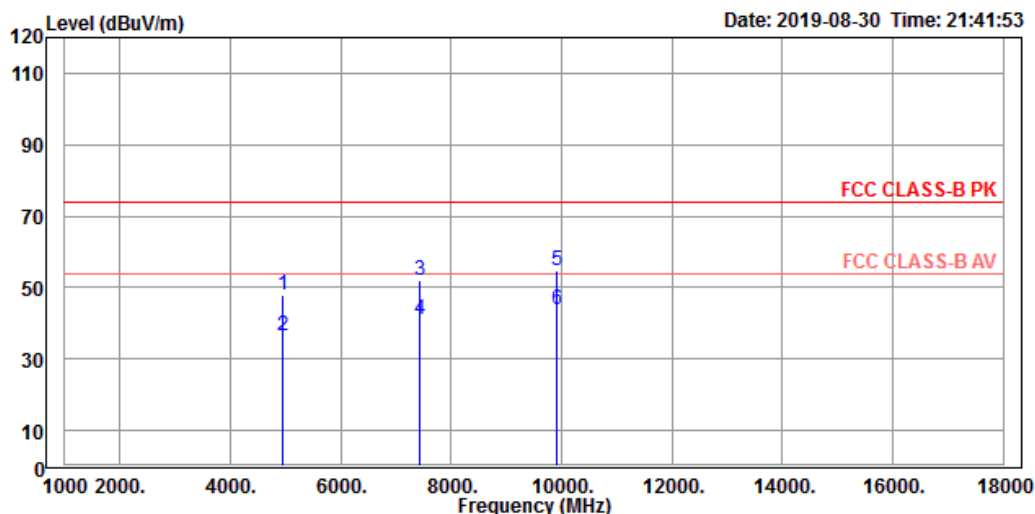
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4879.788	43.48	5.78	49.26	74.00	-24.74	100	211	Peak
2	4879.788	30.86	5.78	36.64	54.00	-17.36	100	211	Average
3	7320.000	48.28	7.67	55.95	74.00	-18.05	100	164	Peak
4	7320.000	39.64	7.67	47.31	54.00	-6.69	100	164	Average
5	9760.000	42.78	11.27	54.05	74.00	-19.95	100	274	Peak
6	9760.000	30.56	11.27	41.83	54.00	-12.17	100	274	Average



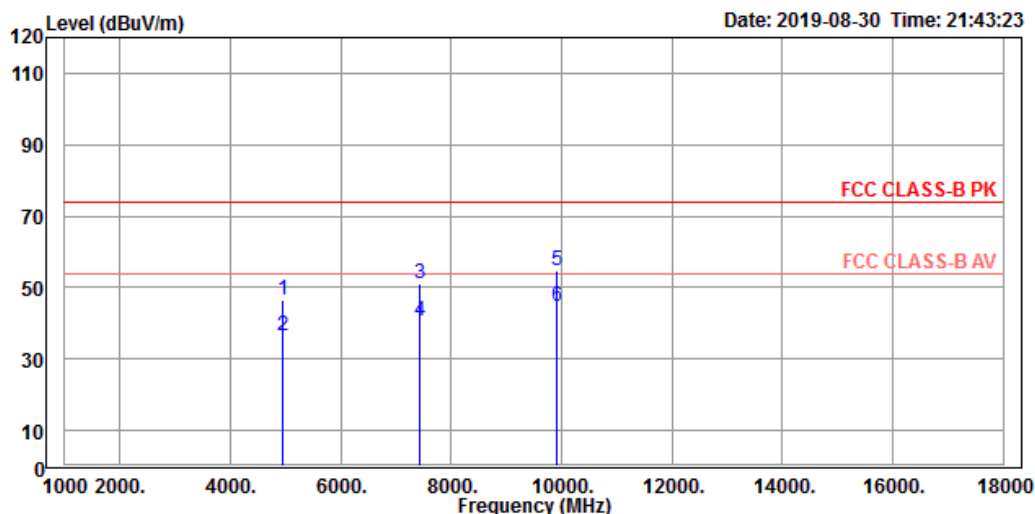
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4880.000	42.86	5.78	48.64	74.00	-25.36	100	83	Peak
2	4880.000	30.30	5.78	36.08	54.00	-17.92	100	83	Average
3	7320.000	47.62	7.67	55.29	74.00	-18.71	100	181	Peak
4	7320.000	33.30	7.67	40.97	54.00	-13.03	100	181	Average
5	9760.000	44.09	11.27	55.36	74.00	-18.64	100	234	Peak
6	9760.000	30.18	11.27	41.45	54.00	-12.55	100	234	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	41.60	6.15	47.75	74.00	-26.25	100	0	Peak
2	4960.000	30.26	6.15	36.41	54.00	-17.59	100	0	Average
3	7440.000	44.35	7.62	51.97	74.00	-22.03	100	98	Peak
4	7440.000	33.27	7.62	40.89	54.00	-13.11	100	98	Average
5	9920.000	42.98	11.69	54.67	74.00	-19.33	100	161	Peak
6	9920.000	32.19	11.69	43.88	54.00	-10.12	100	161	Average



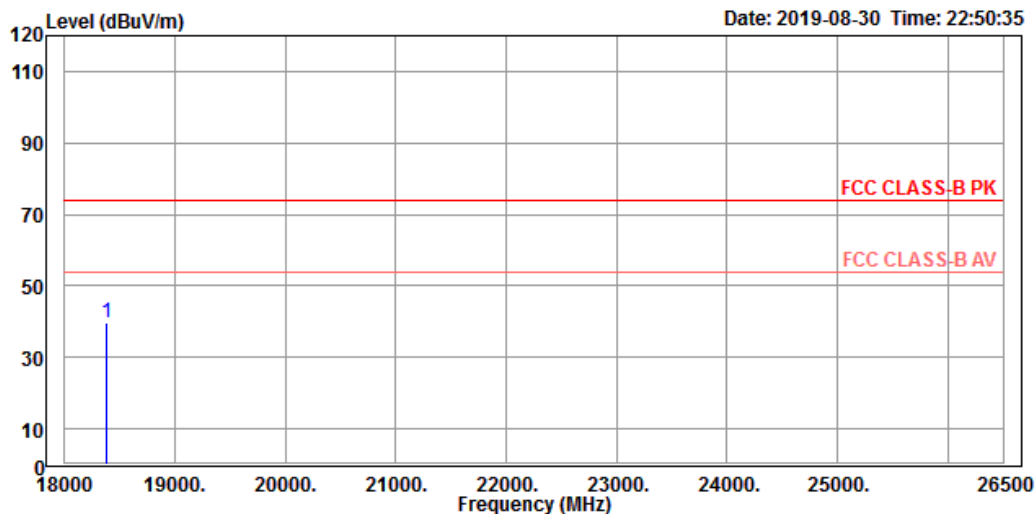
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	40.53	6.15	46.68	74.00	-27.32	100	127	Peak
2	4960.000	30.18	6.15	36.33	54.00	-17.67	100	127	Average
3	7440.000	43.27	7.62	50.89	74.00	-23.11	100	75	Peak
4	7440.000	33.19	7.62	40.81	54.00	-13.19	100	75	Average
5	9920.000	42.85	11.69	54.54	74.00	-19.46	100	251	Peak
6	9920.000	32.83	11.69	44.52	54.00	-9.48	100	251	Average

Spurious Emissions, TX Mode, 18-26G, BLE 1M

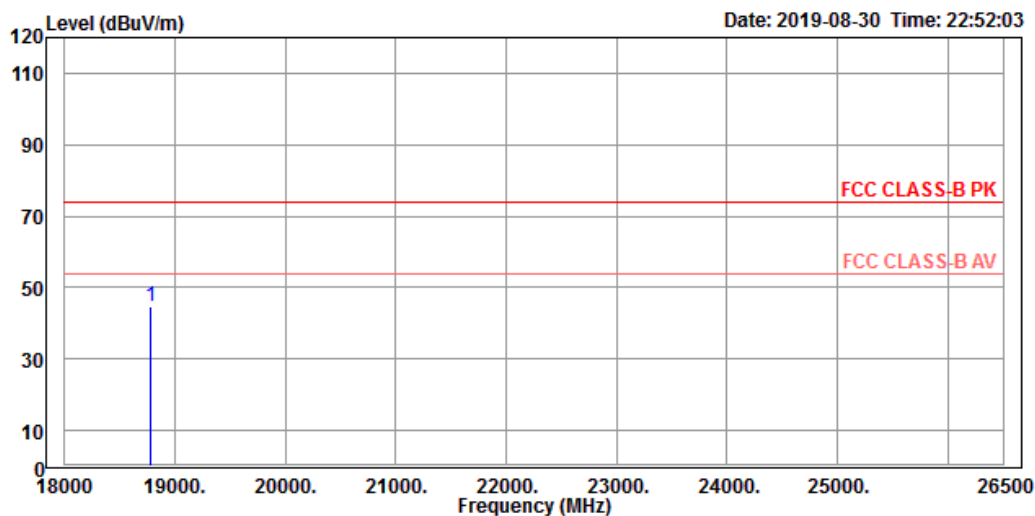


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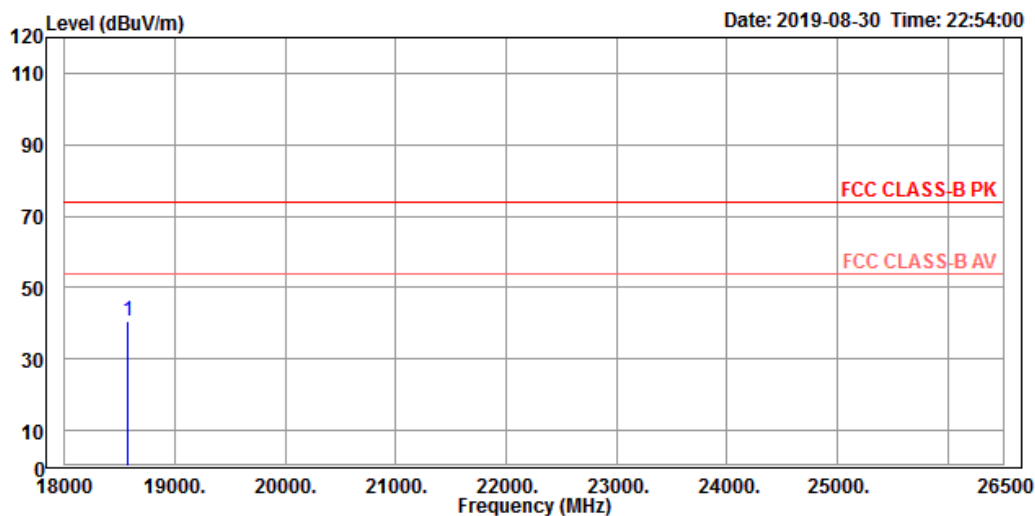
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18370.640	41.84	-2.35	39.49	74.00	-34.51	100	221	Peak



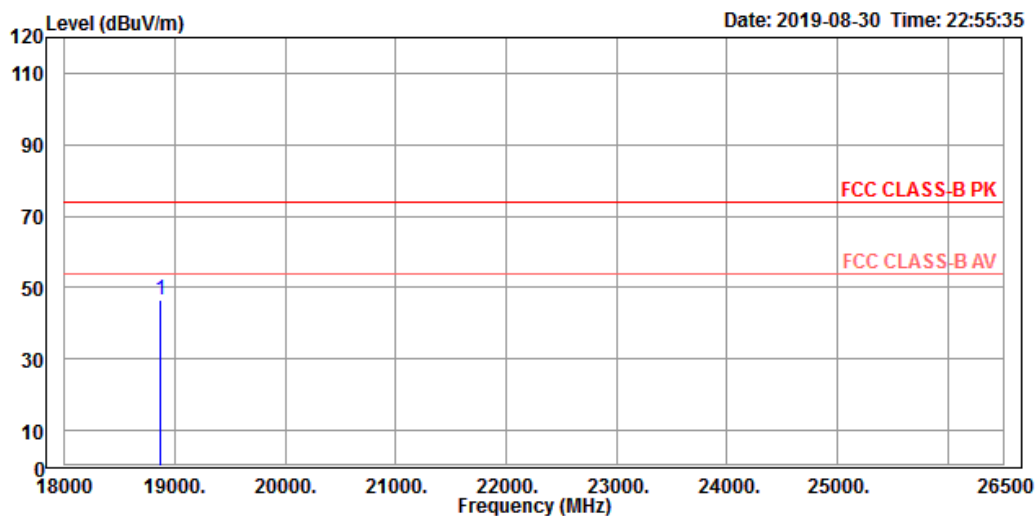
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18775.280	46.83	-2.20	44.63	74.00	-29.37	100	88	Peak



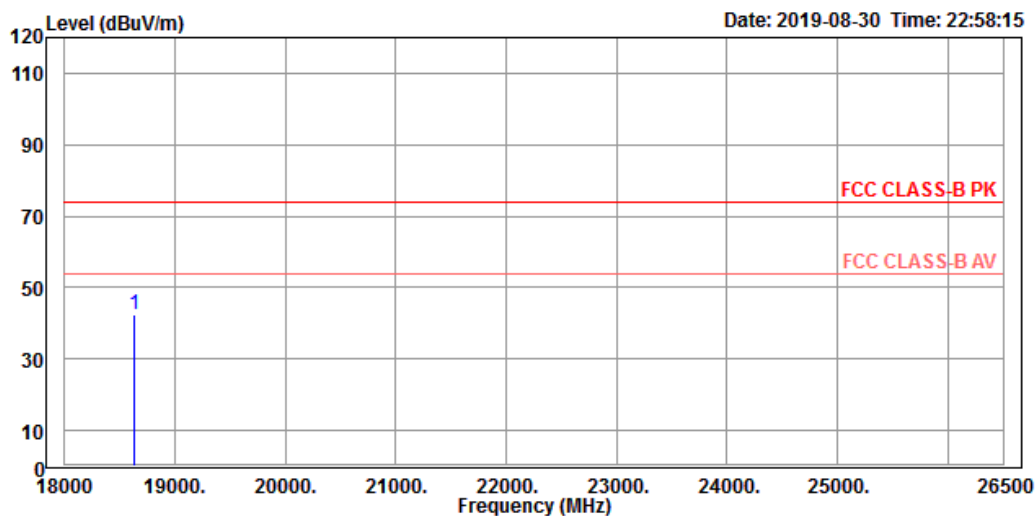
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18564.460	43.13	-2.41	40.72	74.00	-33.28	100	214	Peak



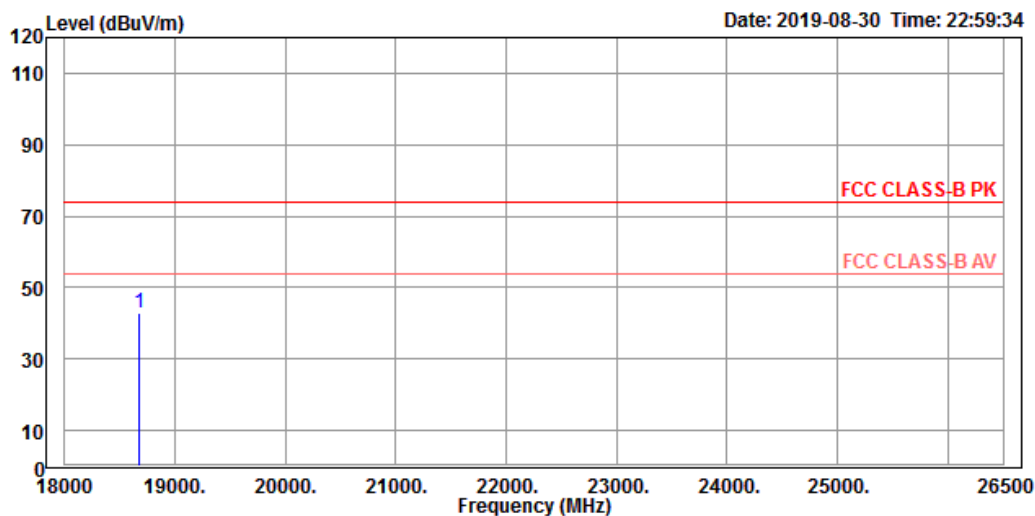
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18860.290	48.80	-2.20	46.60	74.00	-27.40	100	311	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18632.460	44.87	-2.33	42.54	74.00	-31.46	100	36	Peak



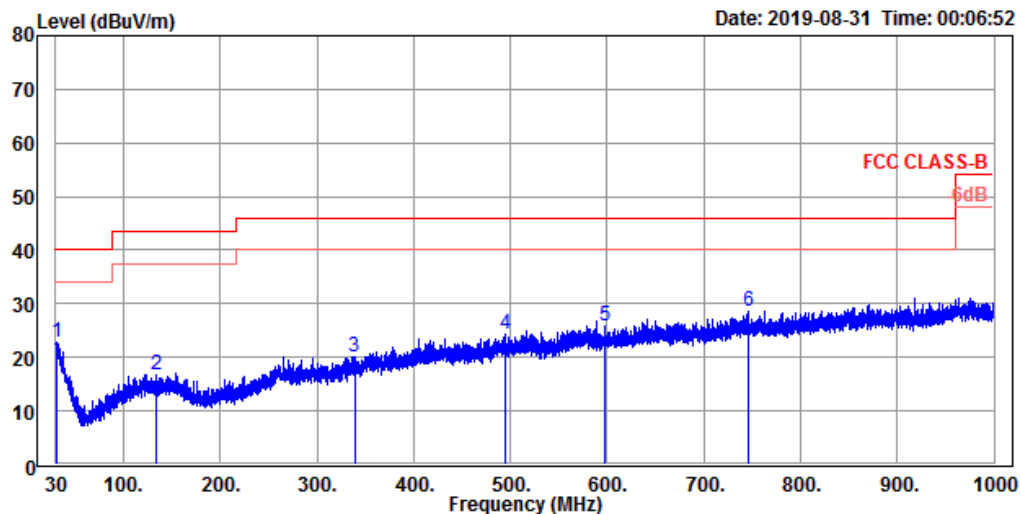
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2480MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18674.120	45.39	-2.29	43.10	74.00	-30.90	100	78	Peak

Spurious Emissions, TX Mode, 30M-1G, BLE 1M

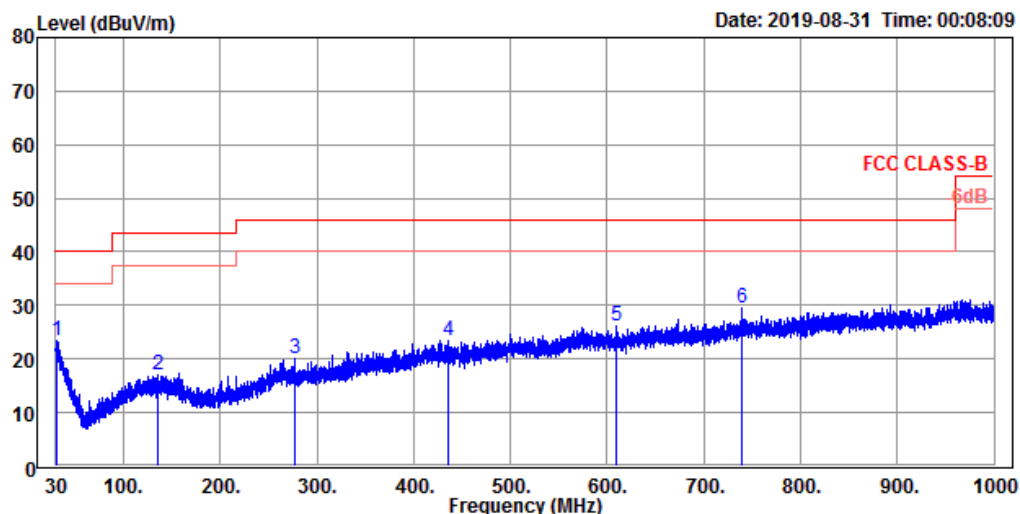


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read		Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	31.261	26.84	-4.03	22.81	40.00	-17.19	100	290 QP
2	133.984	27.25	-10.50	16.75	43.50	-26.75	100	76 QP
3	338.751	27.25	-7.15	20.10	46.00	-25.90	100	7 QP
4	494.727	28.74	-4.52	24.22	46.00	-21.78	100	120 QP
5	597.838	29.00	-3.06	25.94	46.00	-20.06	100	11 QP
6	746.442	29.40	-0.72	28.68	46.00	-17.32	100	45 QP



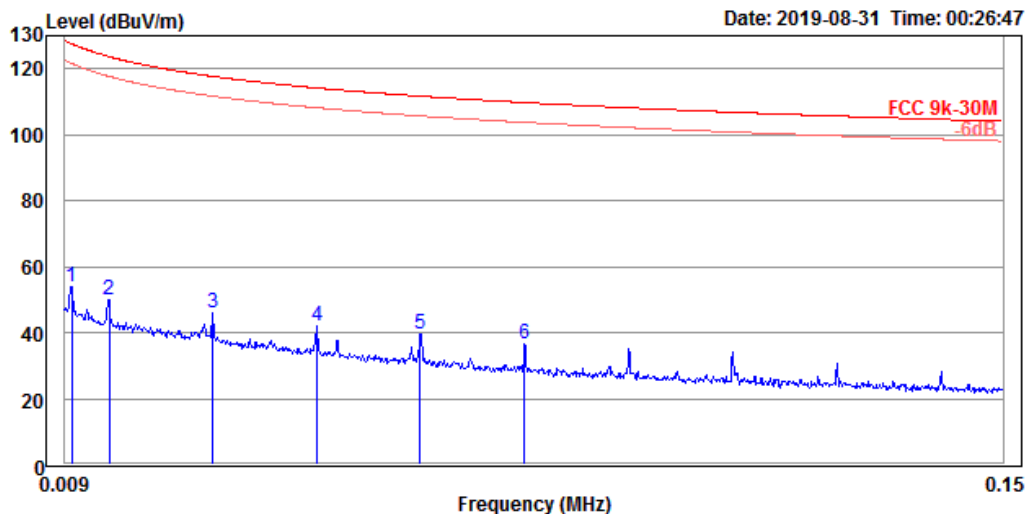
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.388	26.97	-3.63	23.34	40.00	-16.66	100	319	QP
2	135.827	27.71	-10.57	17.14	43.50	-26.36	100	194	QP
3	276.768	28.67	-8.50	20.17	46.00	-25.83	100	20	QP
4	436.139	28.97	-5.45	23.52	46.00	-22.48	100	232	QP
5	609.090	29.09	-2.97	26.12	46.00	-19.88	100	312	QP
6	738.682	30.25	-0.89	29.36	46.00	-16.64	100	296	QP

Spurious Emissions, TX Mode, 9k-30M, BLE 1M

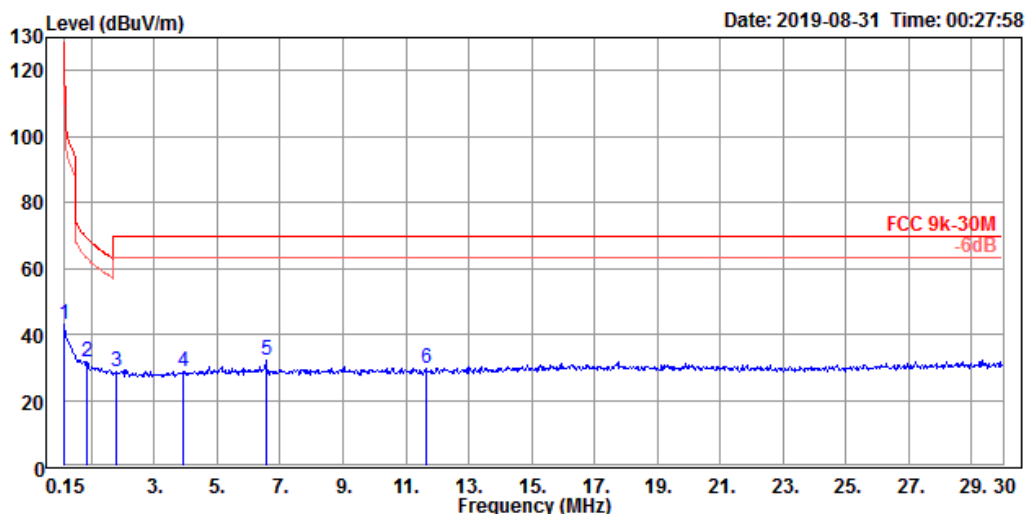


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read		Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.010	35.99	18.03	54.02	127.60	-73.58	100	45 QP
2	0.016	31.52	18.29	49.81	123.71	-73.90	100	360 QP
3	0.031	26.95	18.93	45.88	117.73	-71.85	100	12 QP
4	0.047	22.97	18.87	41.84	114.19	-72.35	100	58 QP
5	0.062	21.10	18.55	39.65	111.68	-72.03	100	44 QP
6	0.078	18.47	18.18	36.65	109.74	-73.09	100	47 QP



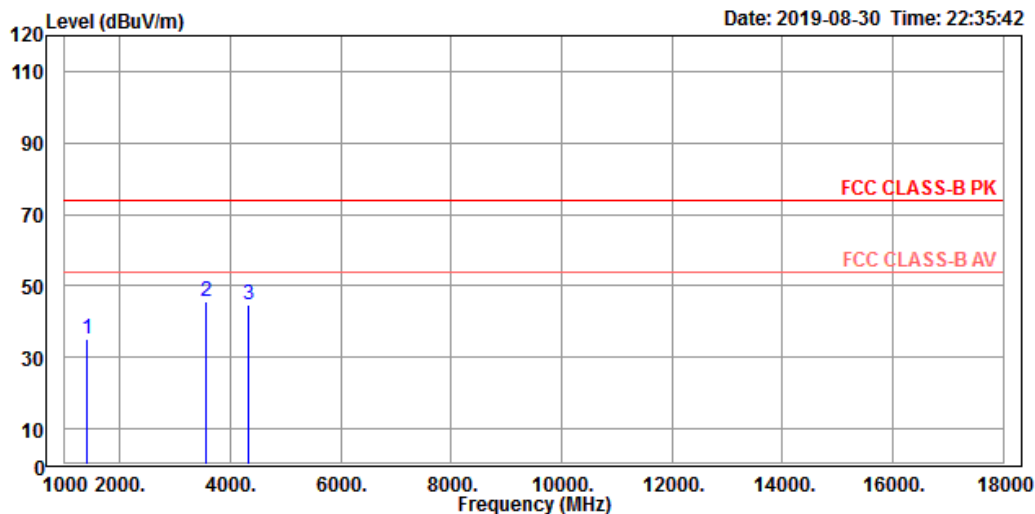
Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_1M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.150	25.24	17.85	43.09	104.08	-60.99	100	13	QP
2	0.866	12.90	18.54	31.44	68.86	-37.42	100	256	QP
3	1.762	9.97	18.58	28.55	69.50	-40.95	100	22	QP
4	3.911	9.61	18.89	28.50	69.50	-41.00	100	0	QP
5	6.538	12.39	19.62	32.01	69.50	-37.49	100	0	QP
6	11.642	9.31	20.50	29.81	69.50	-39.69	100	48	QP

Spurious Emissions, RX Mode, 1-18G, BLE 1M

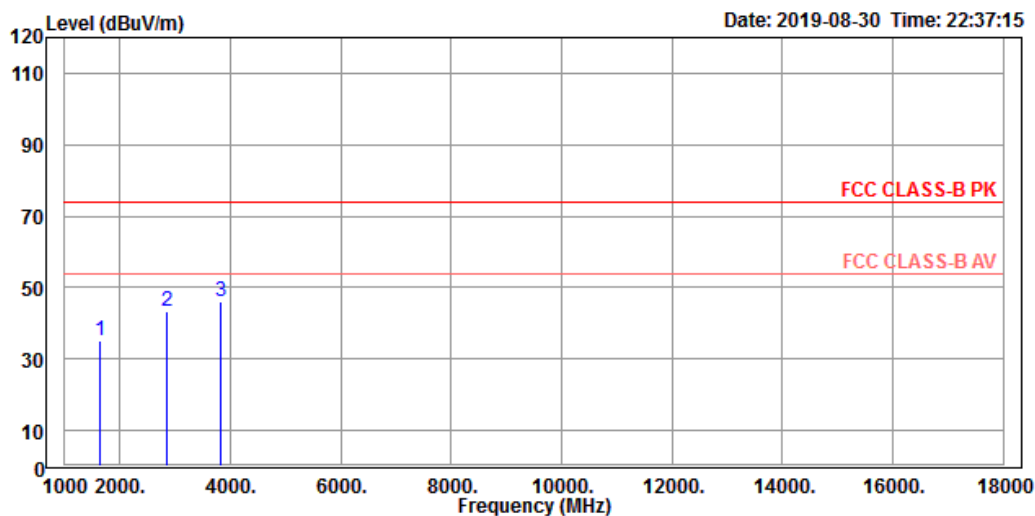


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	1402.940	42.97	-7.84	35.13	74.00	-38.87	100	79	Peak
2	3563.856	44.23	1.55	45.78	74.00	-28.22	100	301	Peak
3	4323.833	41.15	3.78	44.93	74.00	-29.07	100	107	Peak



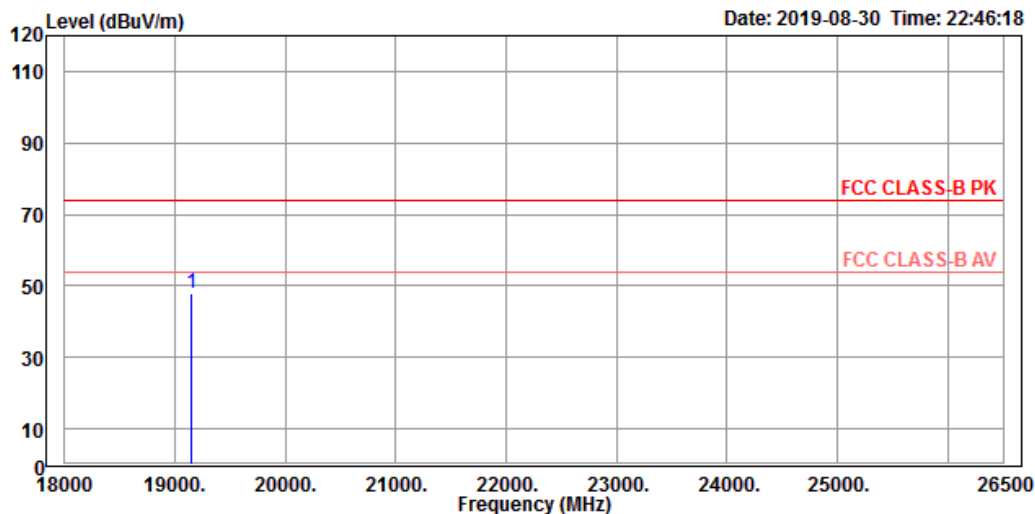
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	1622.262	42.52	-7.31	35.21	74.00	-38.79	100	11	Peak
2	2854.885	43.80	-0.28	43.52	74.00	-30.48	100	56	Peak
3	3834.183	43.43	2.50	45.93	74.00	-28.07	100	147	Peak

Spurious Emissions, RX Mode, 18-26G, BLE 1M

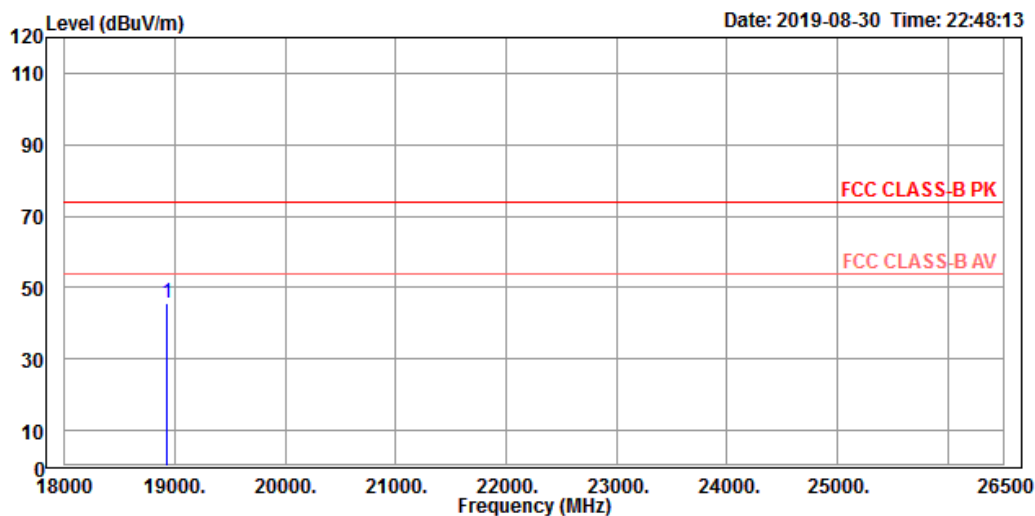


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 19146.770	49.80	-1.89	47.91	74.00	-26.09	100	168	Peak



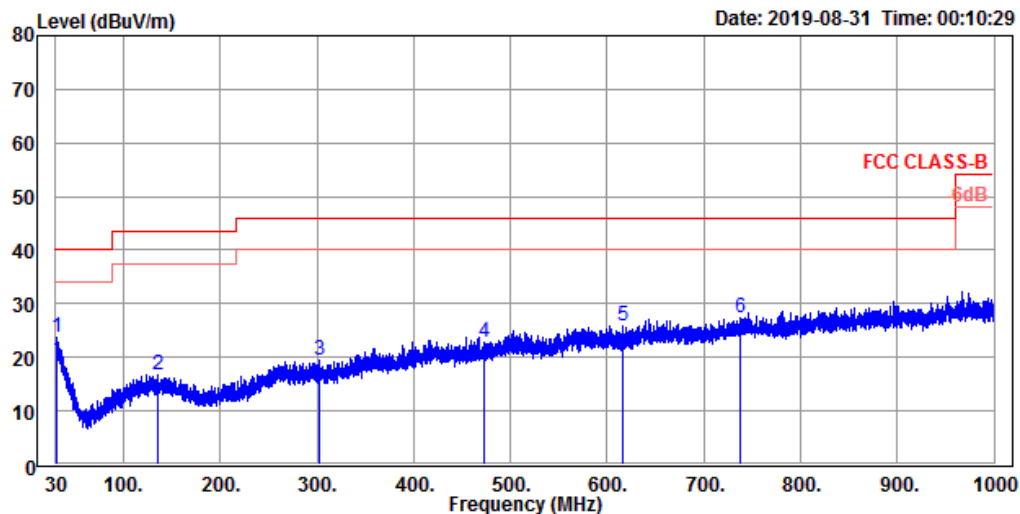
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18918.940	47.71	-2.21	45.50	74.00	-28.50	100	30	Peak

Spurious Emissions, RX Mode, 30M-1G, BLE 1M

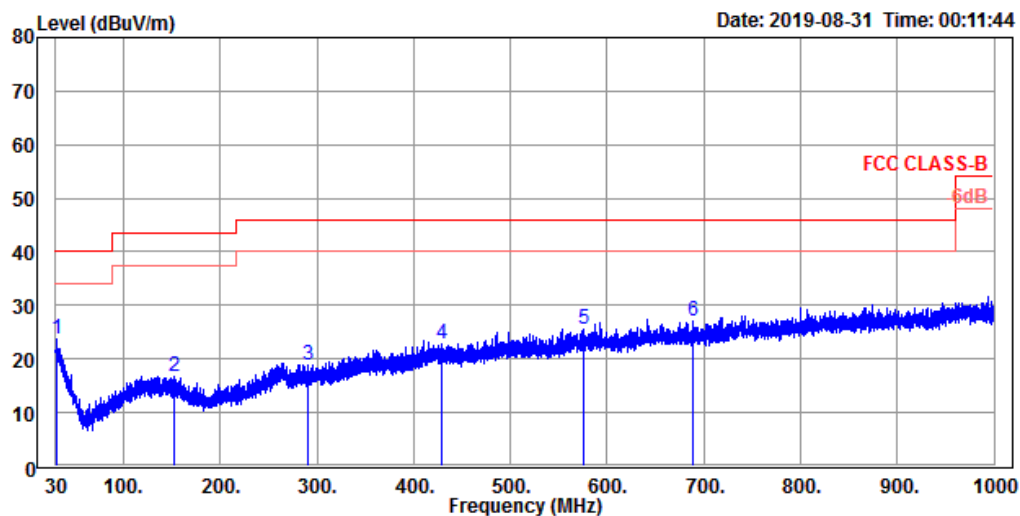


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read	Level	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV			dBuV/m	dBuV/m	Limit			
								cm	deg	
1	30.194	27.33	-3.55	23.78	40.00	-16.22	100	50	QP	
2	134.857	27.18	-10.50	16.68	43.50	-26.82	100	22	QP	
3	302.667	27.26	-7.93	19.33	46.00	-26.67	100	357	QP	
4	473.581	27.88	-4.92	22.96	46.00	-23.04	100	10	QP	
5	616.074	28.79	-2.94	25.85	46.00	-20.15	100	132	QP	
6	737.518	28.46	-0.94	27.52	46.00	-18.48	100	358	QP	



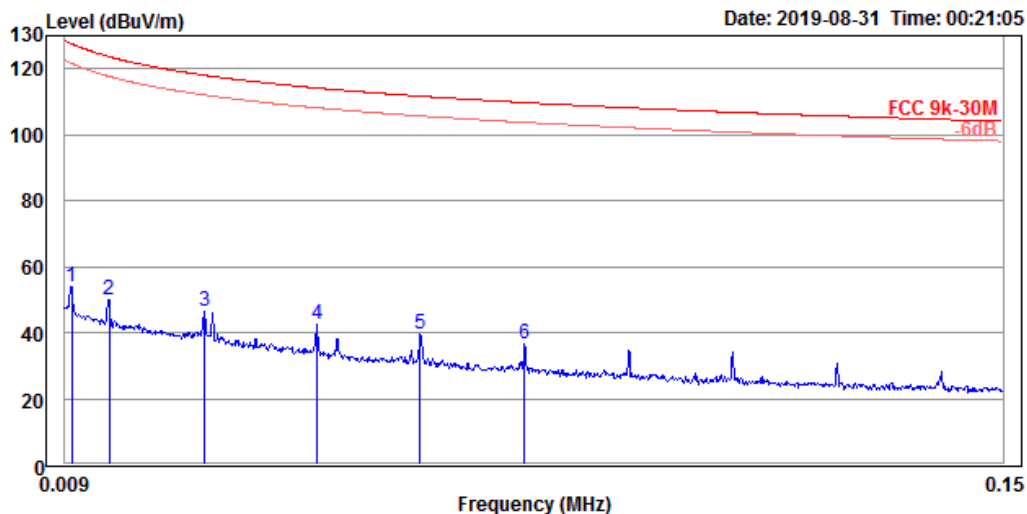
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.970	27.54	-3.86	23.68	40.00	-16.32	100	119	QP
2	152.317	27.71	-11.00	16.71	43.50	-26.79	100	3	QP
3	290.833	27.15	-8.14	19.01	46.00	-26.99	100	358	QP
4	428.670	28.11	-5.32	22.79	46.00	-23.21	100	235	QP
5	576.013	28.76	-3.14	25.62	46.00	-20.38	100	140	QP
6	688.436	28.85	-1.90	26.95	46.00	-19.05	100	82	QP

Spurious Emissions, RX Mode, 9K-30M, BLE 1M

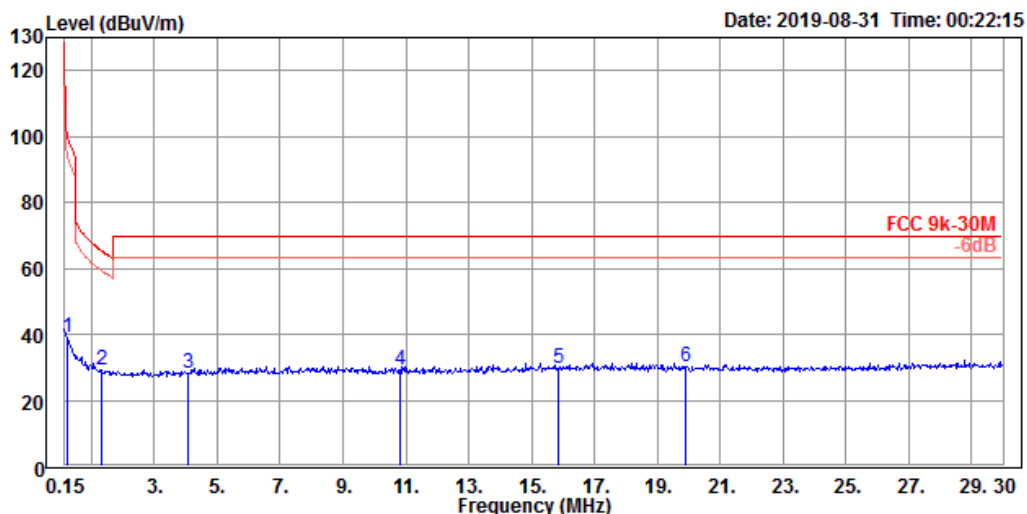


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

		Read		Limit	Over	APos	TPos	
	Freq	Level	Factor	Level	Line	Limit		Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.010	36.02	18.03	54.05	127.60	-73.55	100	35 QP
2	0.016	31.50	18.29	49.79	123.71	-73.92	100	15 QP
3	0.030	27.66	18.94	46.60	118.05	-71.45	100	256 QP
4	0.047	23.52	18.87	42.39	114.19	-71.80	100	154 QP
5	0.062	21.22	18.55	39.77	111.68	-71.91	100	312 QP
6	0.078	18.24	18.18	36.42	109.74	-73.32	100	221 QP



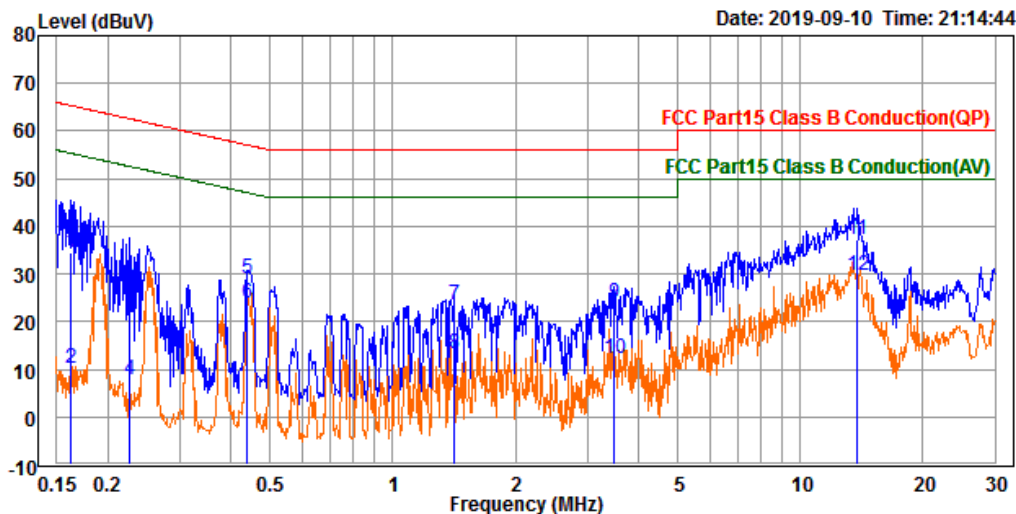
Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_1M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.240	20.69	18.22	38.91	100.01	-61.10	100	312	QP
2	1.314	10.34	18.59	28.93	65.26	-36.33	100	142	QP
3	4.090	9.37	18.95	28.32	69.50	-41.18	100	18	QP
4	10.836	8.86	20.43	29.29	69.50	-40.21	100	32	QP
5	15.851	8.84	20.91	29.75	69.50	-39.75	100	312	QP
6	19.911	8.83	21.30	30.13	69.50	-39.37	100	5	QP

Mains, BLE 1M



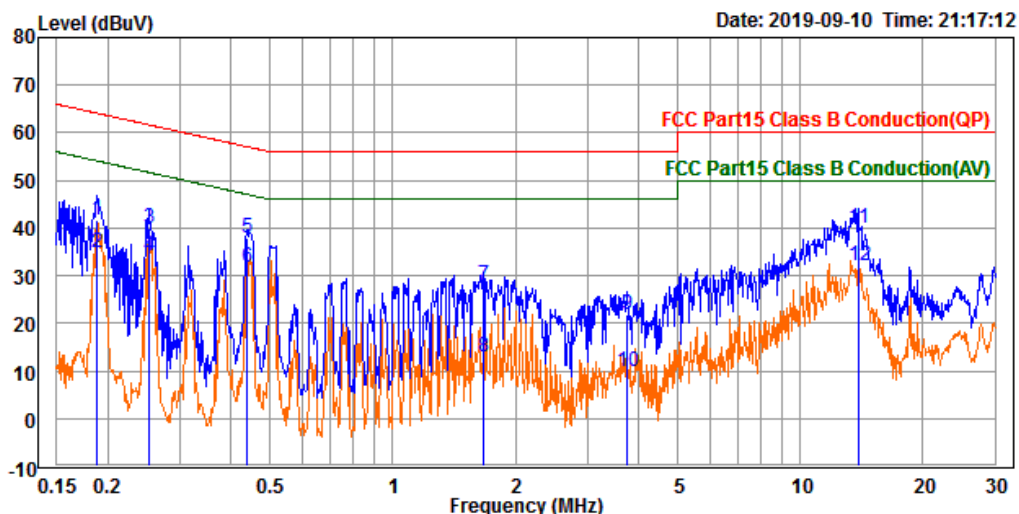
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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : BLE 1M Normal Operation

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.162	24.74	9.61	34.35	65.38	-31.03	QP
2	0.162	0.50	9.61	10.11	55.38	-45.27	Average
3	0.227	17.42	9.61	27.03	62.56	-35.53	QP
4	0.227	-1.73	9.61	7.88	52.56	-44.68	Average
5	0.440	19.52	9.62	29.14	57.06	-27.92	QP
6	0.440	14.13	9.62	23.75	47.06	-23.31	Average
7	1.420	13.74	9.63	23.37	56.00	-32.63	QP
8	1.420	3.59	9.63	13.22	46.00	-32.78	Average
9	3.483	14.26	9.66	23.92	56.00	-32.08	QP
10	3.483	2.67	9.66	12.33	46.00	-33.67	Average
11	13.786	27.40	9.75	37.15	60.00	-22.85	QP
12	13.786	20.09	9.75	29.84	50.00	-20.16	Average



Trace: 1

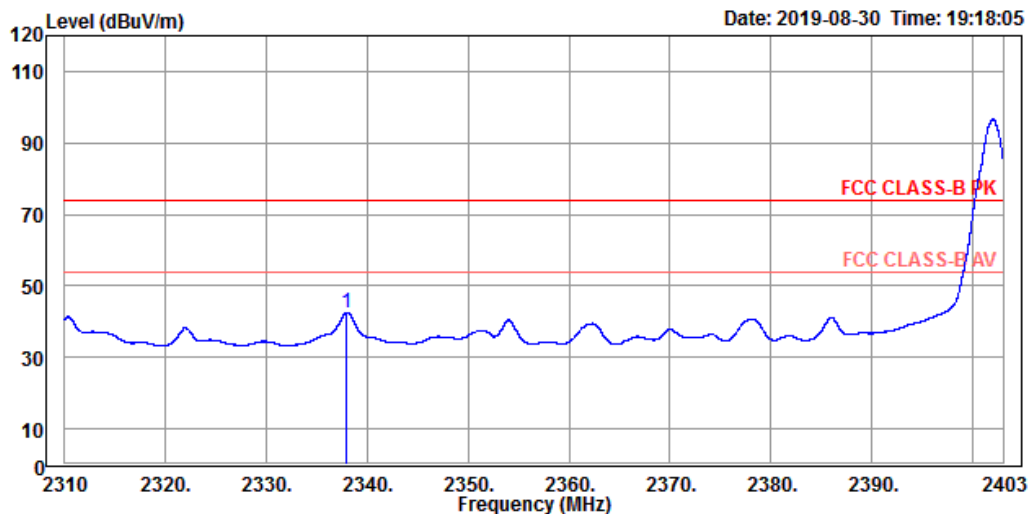
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : BLE 1M Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.189	31.98	9.62	41.60	64.10	-22.50	QP
2	0.189	25.22	9.62	34.84	54.10	-19.26	Average
3	0.252	30.50	9.62	40.12	61.69	-21.57	QP
4	0.252	24.59	9.62	34.21	51.69	-17.48	Average
5	0.440	28.43	9.63	38.06	57.06	-19.00	QP
6	0.440	22.11	9.63	31.74	47.06	-15.32	Average
7	1.666	18.39	9.65	28.04	56.00	-27.96	QP
8	1.666	3.44	9.65	13.09	46.00	-32.91	Average
9	3.772	11.98	9.68	21.66	56.00	-34.34	QP
10	3.772	0.30	9.68	9.98	46.00	-36.02	Average
11	13.855	30.22	9.78	40.00	60.00	-20.00	QP
12	13.855	22.18	9.78	31.96	50.00	-18.04	Average

Spurious Emissions, Band Edges, 2.35-2.5G, BLE 2M

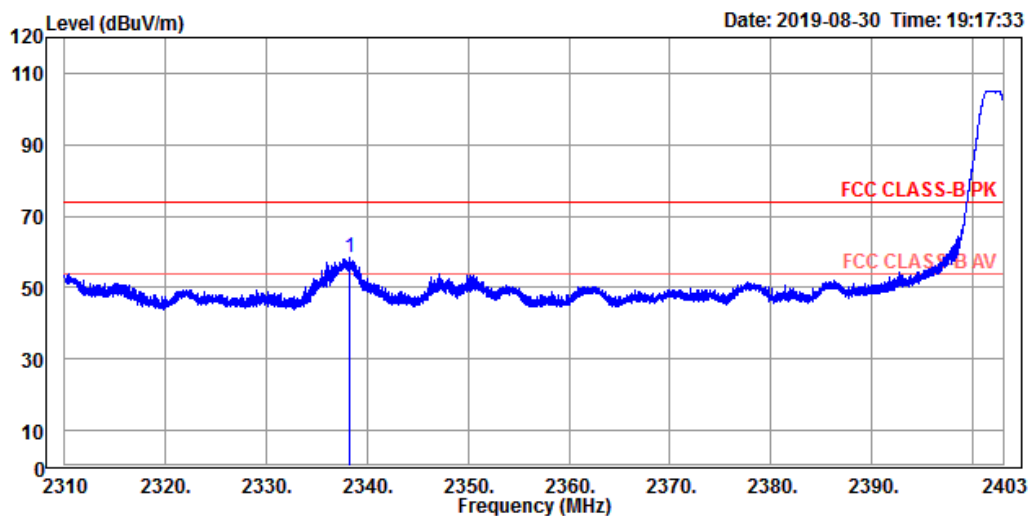


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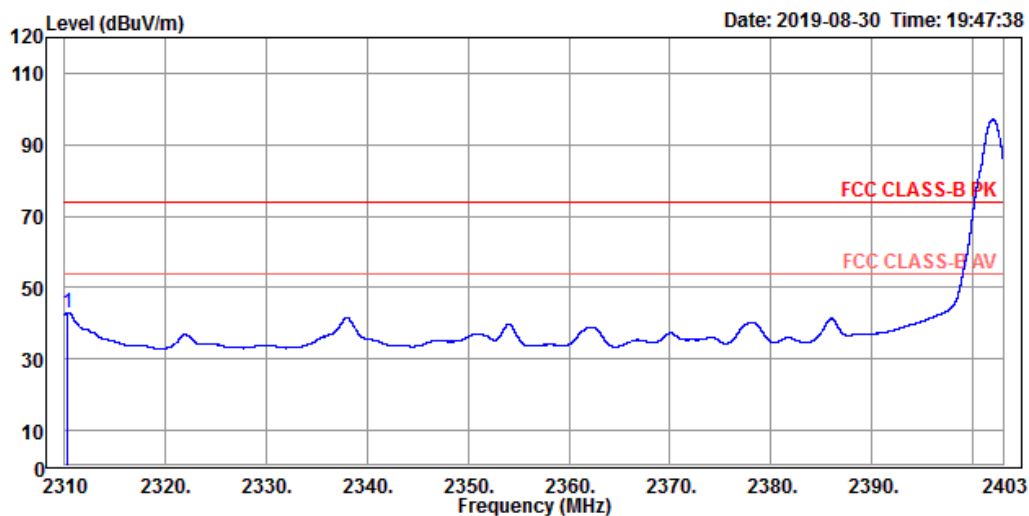
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Level	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	dB	cm	deg	
1	2337.968	44.62	-2.03	42.59	74.00	-31.41		186	125	Peak



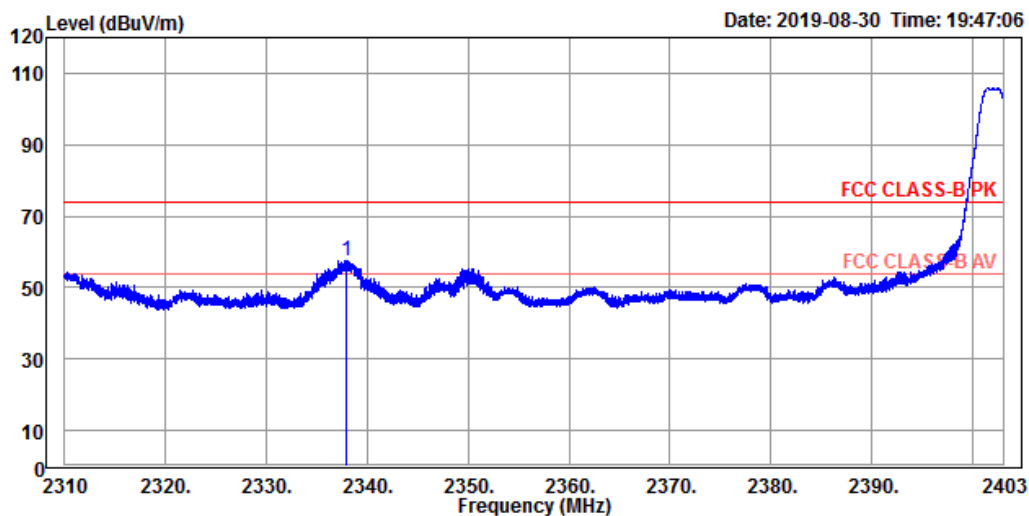
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2338.275	60.53	-2.03	58.50	74.00	-15.50	186	125	Peak



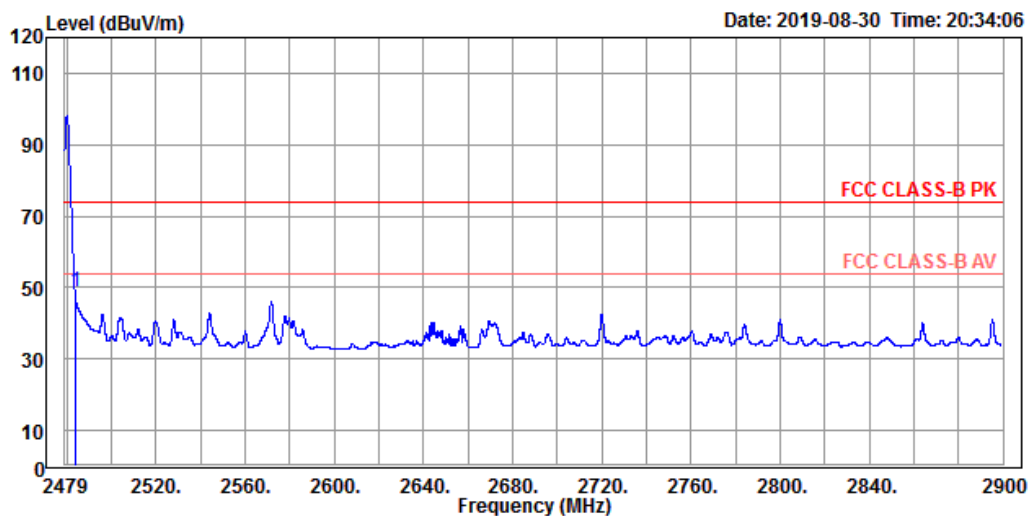
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2310.298	45.27	-2.20	43.07	54.00	-10.93	278	173	Average



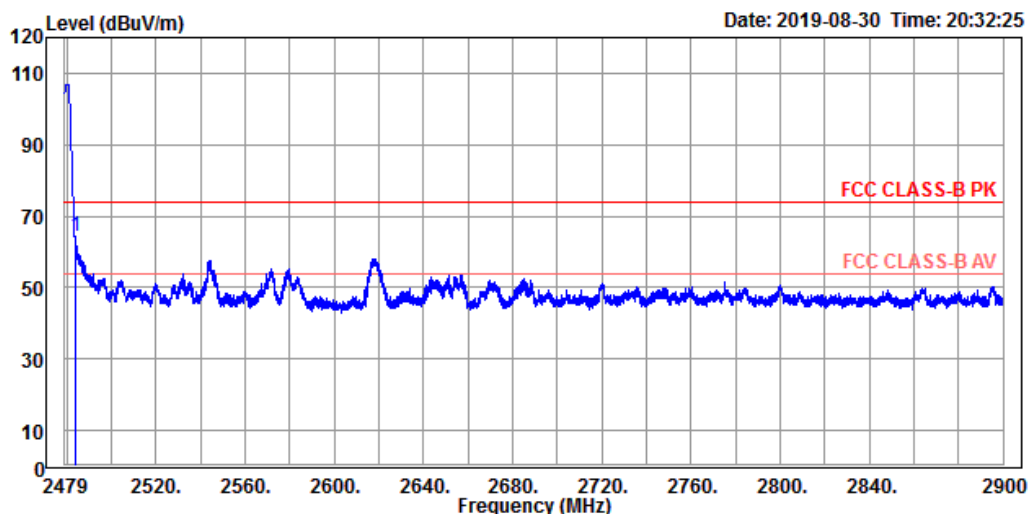
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2337.884	59.68	-2.04	57.64	74.00	-16.36	278	173	Peak



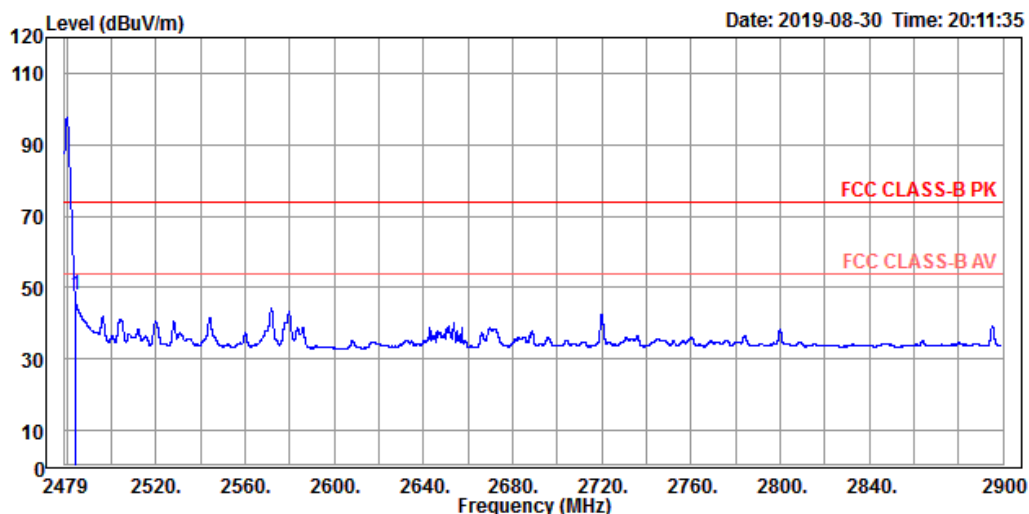
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.505	50.21	-1.60	48.61	54.00	-5.39	216	202	Average



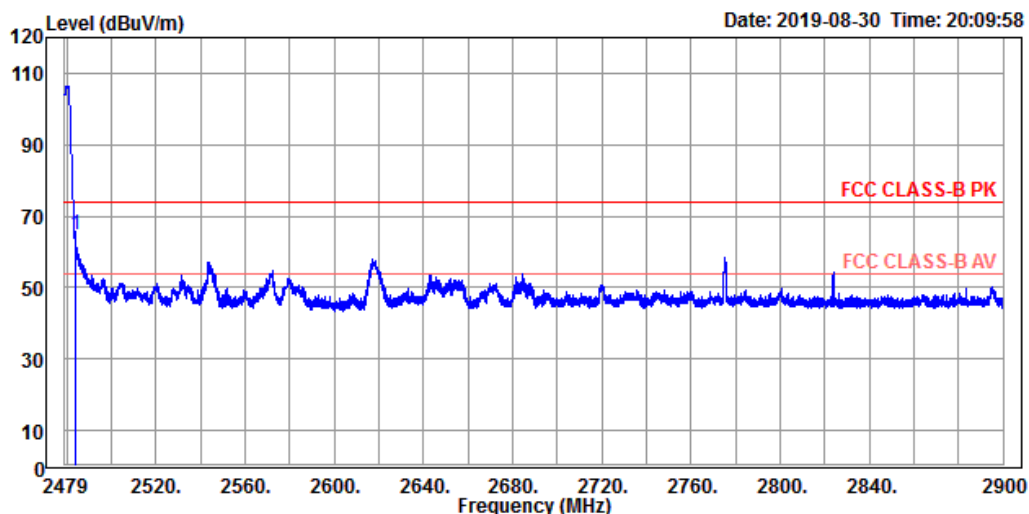
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.505	66.04	-1.60	64.44	74.00	-9.56	216	202	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.505	49.64	-1.60	48.04	54.00	-5.96	266	173	Average



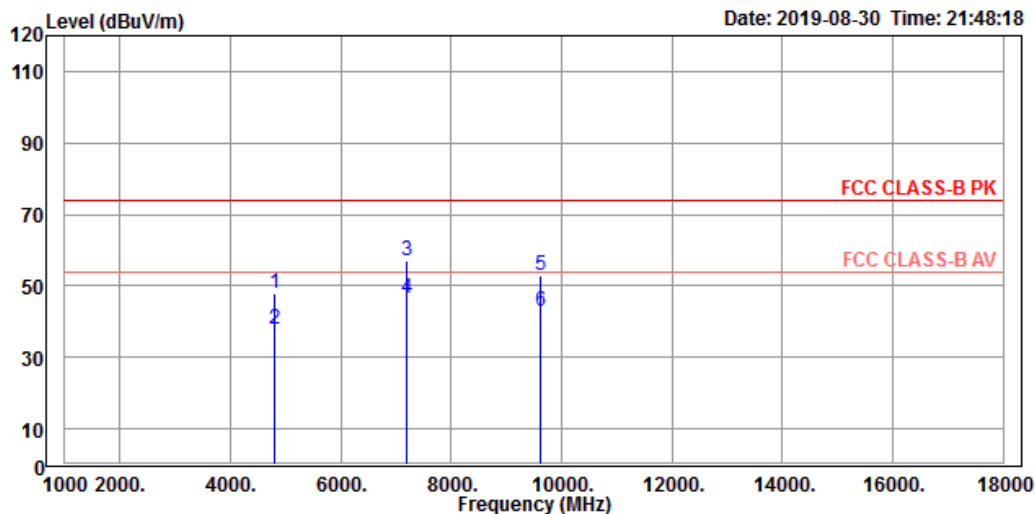
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.505	66.47	-1.60	64.87	74.00	-9.13	266	173	Peak

Spurious Emissions, TX Mode, 1-18G, BLE 2M

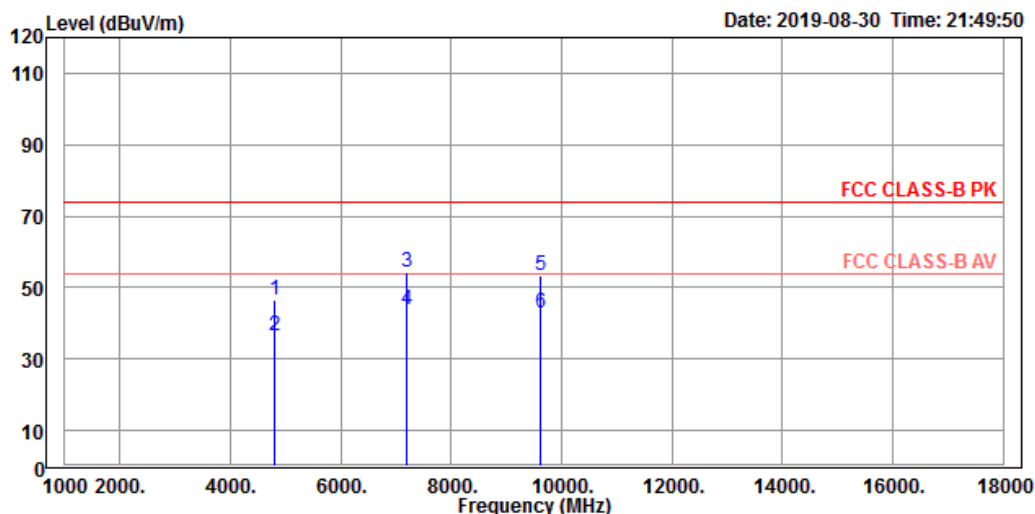


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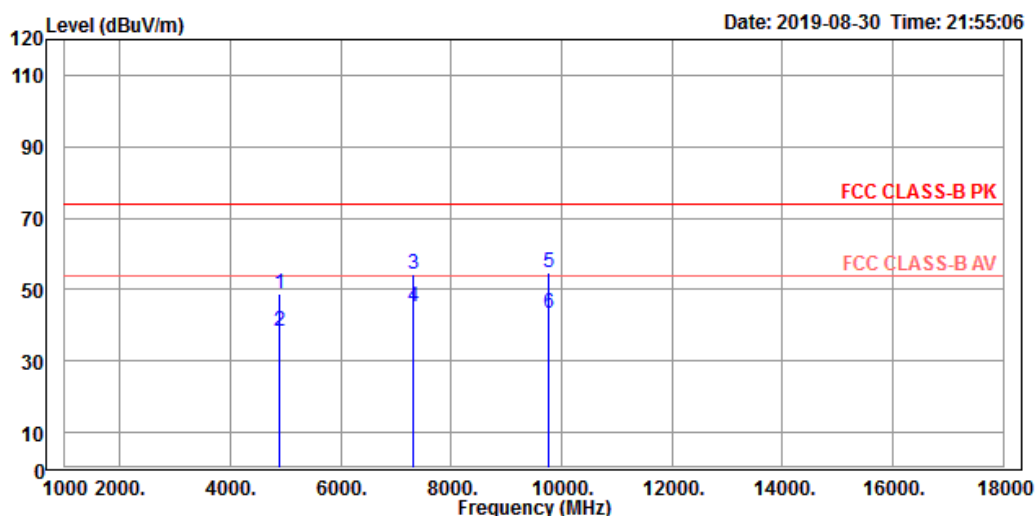
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	42.56	5.41	47.97	74.00	-26.03	100	186	Peak
2	4804.000	32.26	5.41	37.67	54.00	-16.33	100	186	Average
3	7206.000	49.13	7.72	56.85	74.00	-17.15	100	215	Peak
4	7206.000	38.64	7.72	46.36	54.00	-7.64	100	215	Average
5	9608.000	42.20	10.83	53.03	74.00	-20.97	100	217	Peak
6	9608.000	32.17	10.83	43.00	54.00	-11.00	100	217	Average



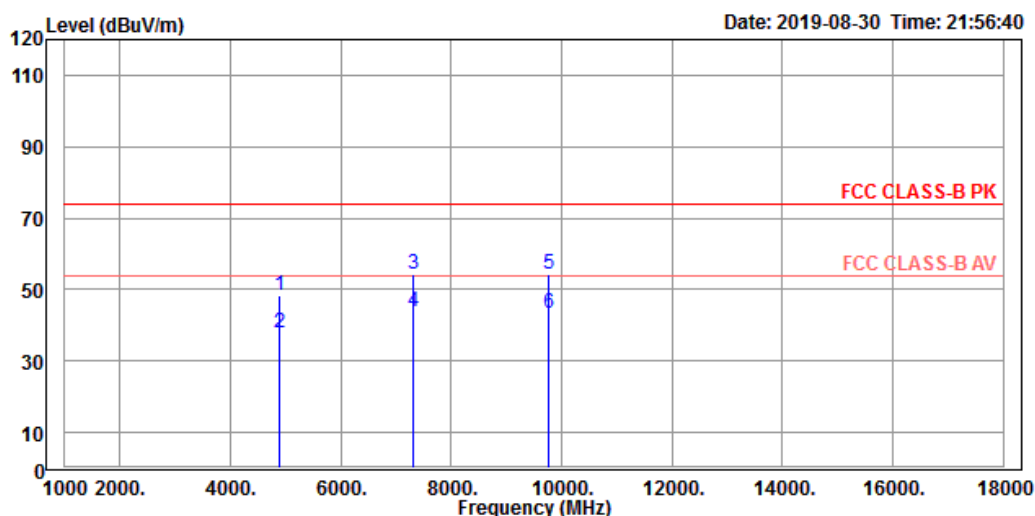
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	41.33	5.41	46.74	74.00	-27.26	100	3	Peak
2	4804.000	31.26	5.41	36.67	54.00	-17.33	100	3	Average
3	7206.000	46.43	7.72	54.15	74.00	-19.85	100	262	Peak
4	7206.000	36.23	7.72	43.95	54.00	-10.05	100	262	Average
5	9608.000	42.63	10.83	53.46	74.00	-20.54	100	231	Peak
6	9608.000	32.20	10.83	43.03	54.00	-10.97	100	231	Average



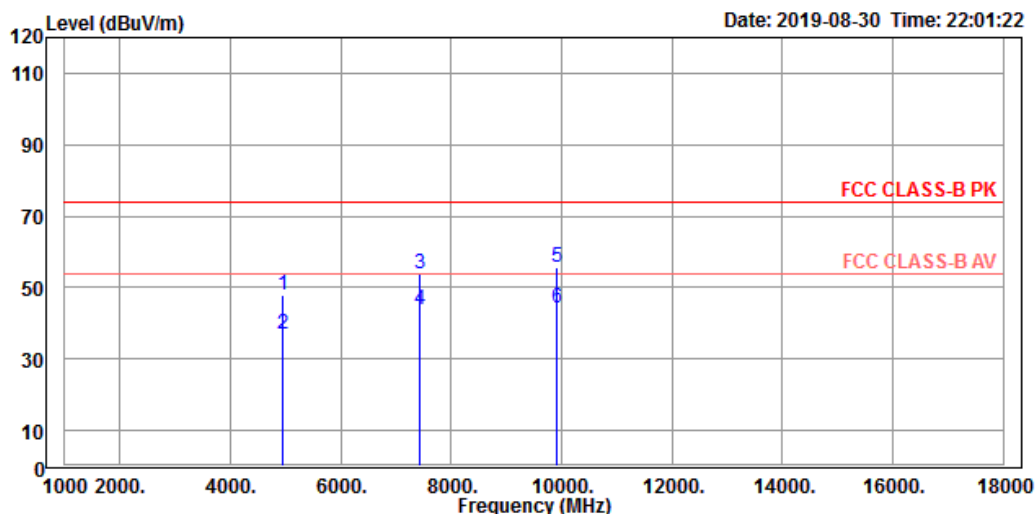
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4880.000	42.90	5.78	48.68	74.00	-25.32	100	360	Peak
2	4880.000	32.66	5.78	38.44	54.00	-15.56	100	360	Average
3	7320.000	46.75	7.67	54.42	74.00	-19.58	100	211	Peak
4	7320.000	37.37	7.67	45.04	54.00	-8.96	100	211	Average
5	9760.000	43.32	11.27	54.59	74.00	-19.41	100	67	Peak
6	9760.000	32.02	11.27	43.29	54.00	-10.71	100	67	Average



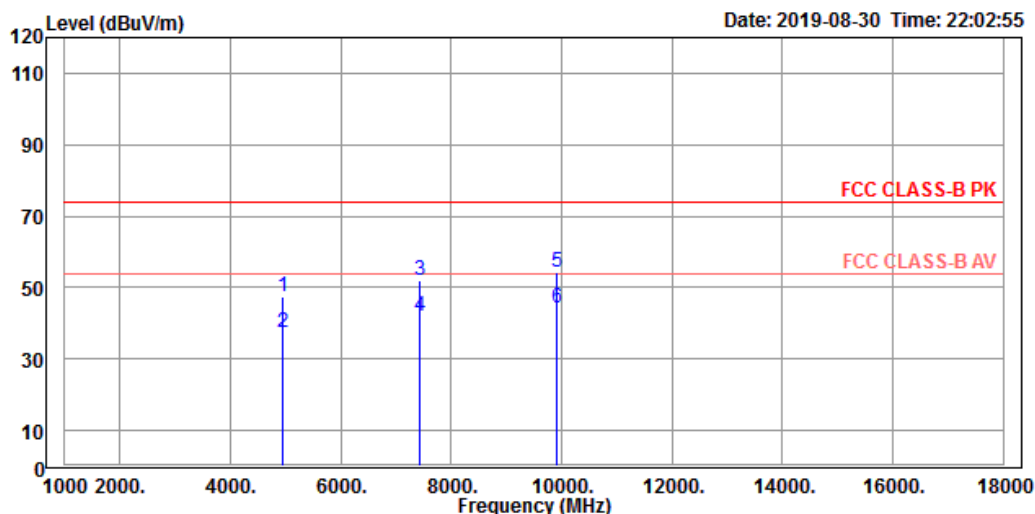
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4880.000	42.67	5.78	48.45	74.00	-25.55	100	8	Peak
2	4880.000	32.27	5.78	38.05	54.00	-15.95	100	8	Average
3	7320.000	46.80	7.67	54.47	74.00	-19.53	100	169	Peak
4	7320.000	36.24	7.67	43.91	54.00	-10.09	100	169	Average
5	9760.000	43.25	11.27	54.52	74.00	-19.48	100	359	Peak
6	9760.000	32.26	11.27	43.53	54.00	-10.47	100	359	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	41.88	6.15	48.03	74.00	-25.97	100	72	Peak
2	4960.000	31.02	6.15	37.17	54.00	-16.83	100	72	Average
3	7440.000	46.36	7.62	53.98	74.00	-20.02	100	204	Peak
4	7440.000	36.22	7.62	43.84	54.00	-10.16	100	204	Average
5	9920.000	43.87	11.69	55.56	74.00	-18.44	100	14	Peak
6	9920.000	32.56	11.69	44.25	54.00	-9.75	100	14	Average



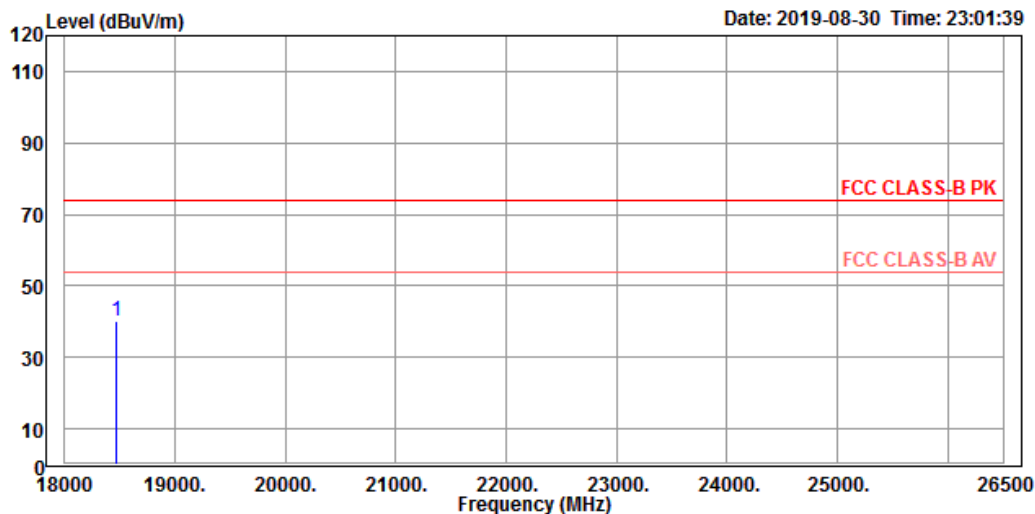
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	41.48	6.15	47.63	74.00	-26.37	100	347	Peak
2	4960.000	31.29	6.15	37.44	54.00	-16.56	100	347	Average
3	7440.000	44.56	7.62	52.18	74.00	-21.82	100	177	Peak
4	7440.000	34.30	7.62	41.92	54.00	-12.08	100	177	Average
5	9920.000	42.73	11.69	54.42	74.00	-19.58	100	314	Peak
6	9920.000	32.69	11.69	44.38	54.00	-9.62	100	314	Average

Spurious Emissions, TX Mode, 18-26G, BLE 2M

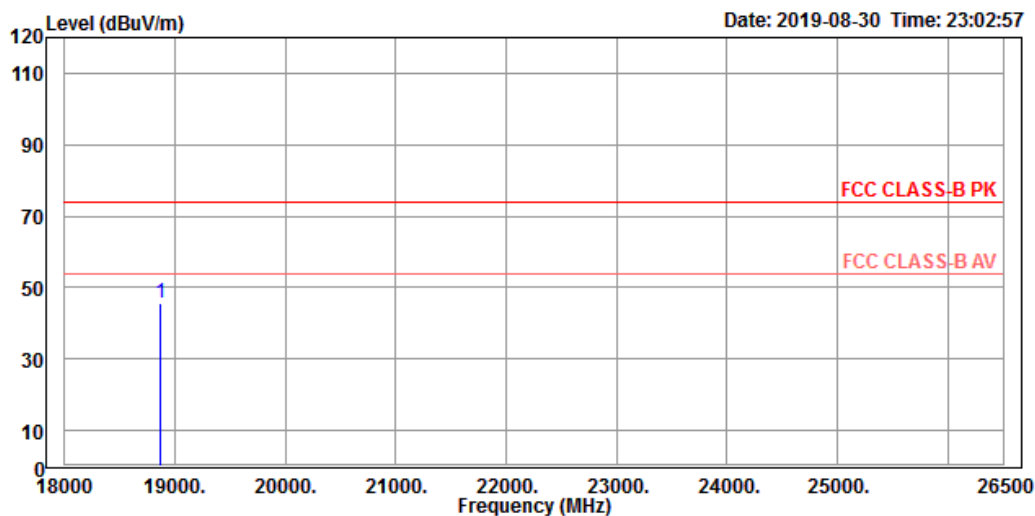


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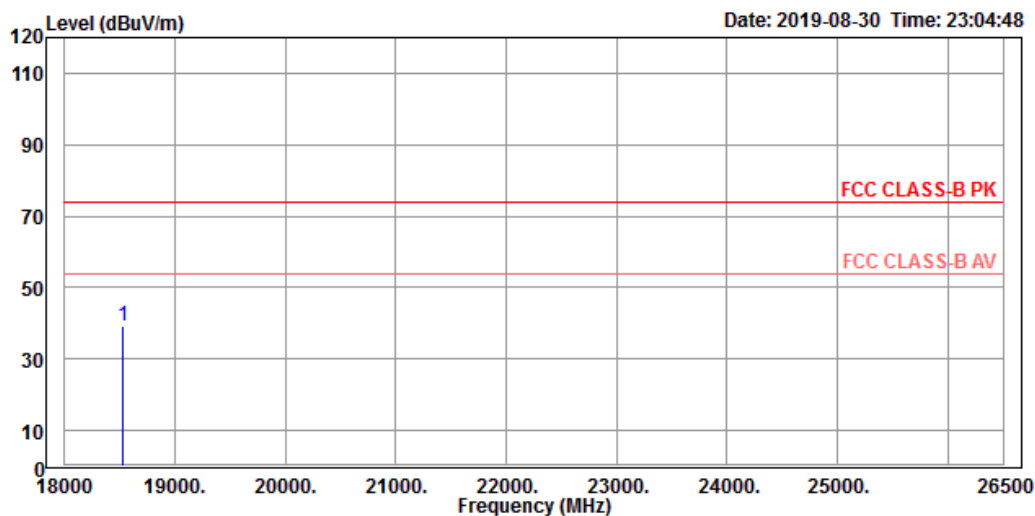
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Level	Factor	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18463.300	42.51	-2.45	40.06	74.00	-33.94	100	9	Peak



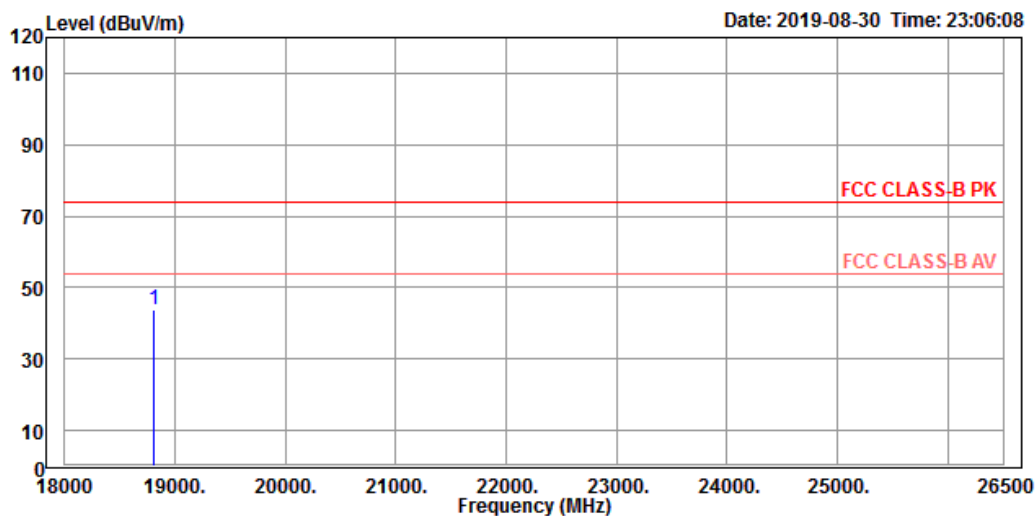
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18860.290	47.91	-2.20	45.71	74.00	-28.29	100	330	Peak



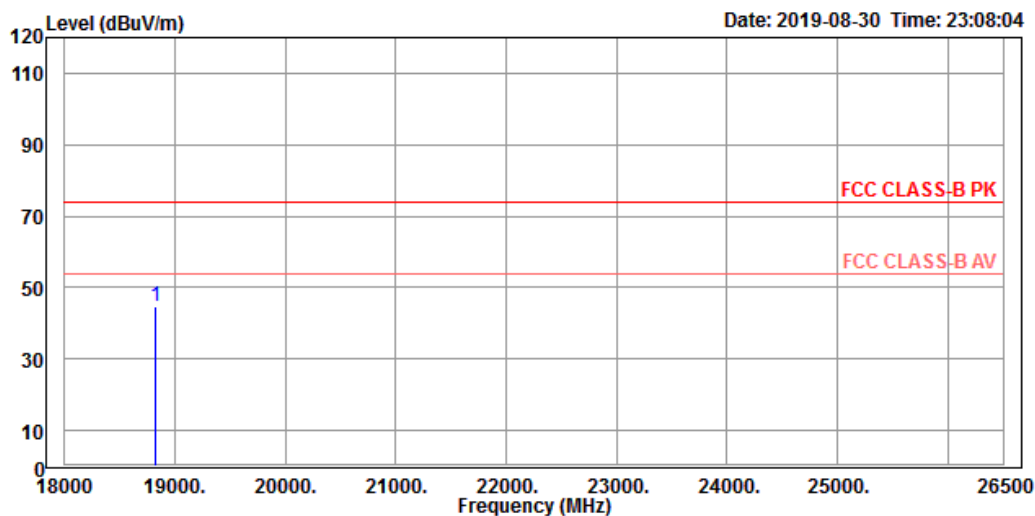
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18530.450	41.86	-2.44	39.42	74.00	-34.58	100	360	Peak



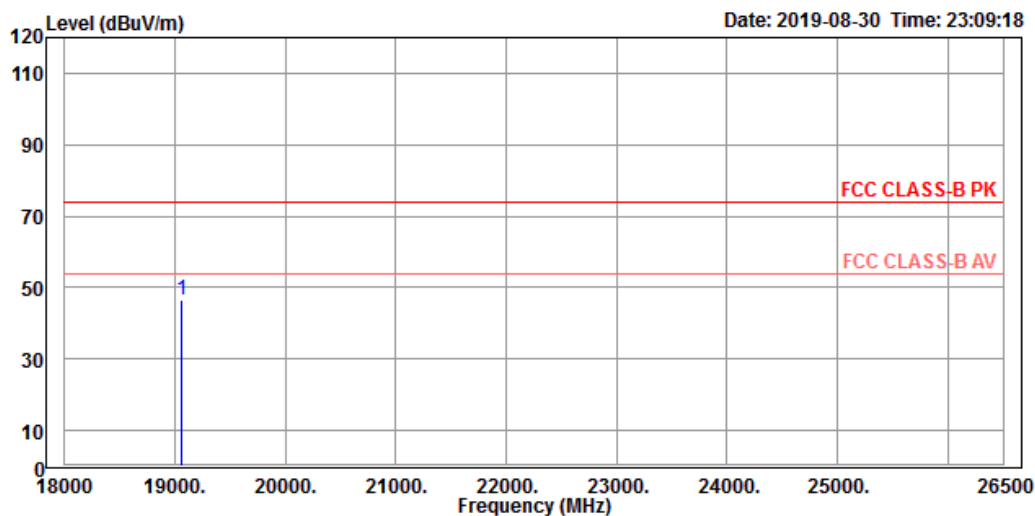
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18800.780	46.12	-2.20	43.92	74.00	-30.08	100	0	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18817.780	46.77	-2.20	44.57	74.00	-29.43	100	358	Peak



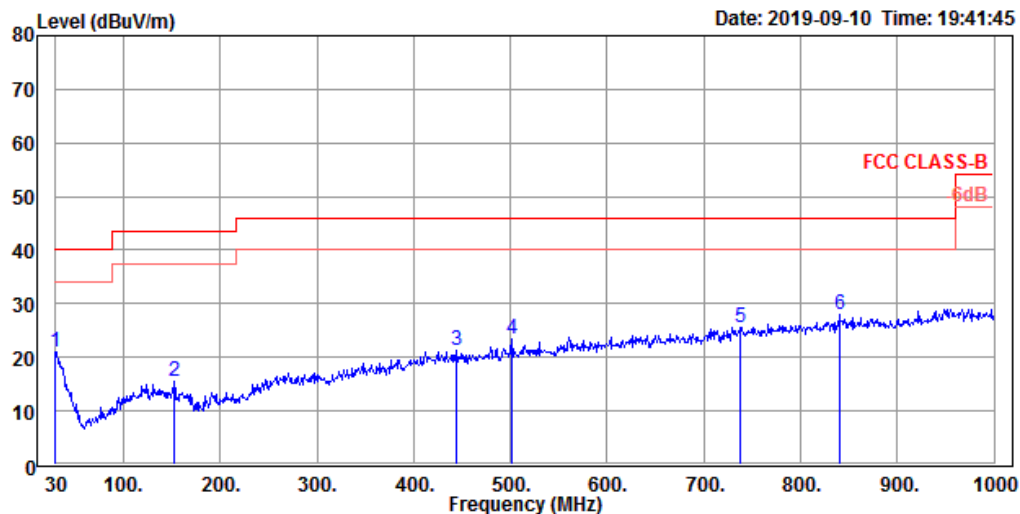
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19054.110	48.71	-2.09	46.62	74.00	-27.38	100	0	Peak

Spurious Emissions, TX Mode, 30M-1G, BLE 2M

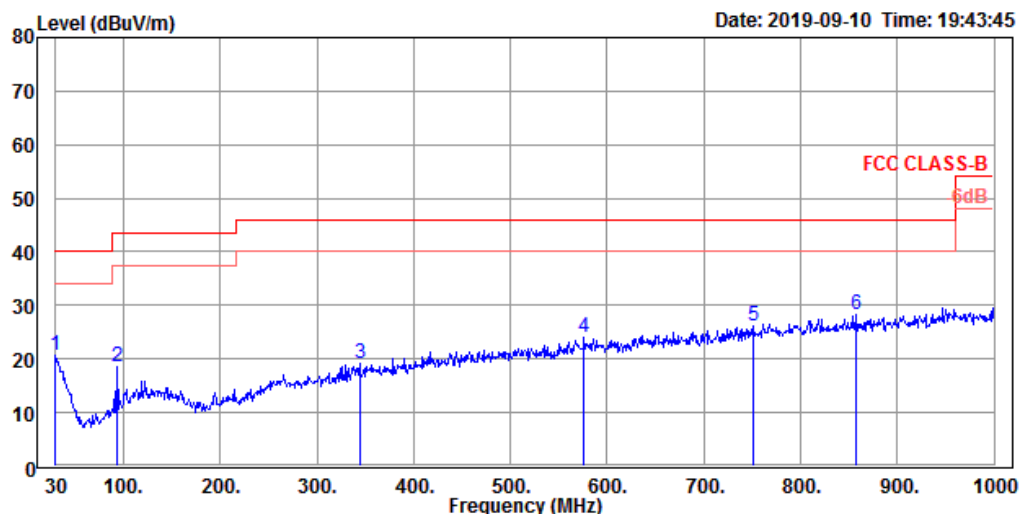


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	32.28	-11.29	20.99	40.00	-19.01	100	106	QP
2	152.220	34.13	-18.65	15.48	43.50	-28.02	100	237	QP
3	444.190	34.19	-12.90	21.29	46.00	-24.71	100	313	QP
4	501.420	35.09	-11.66	23.43	46.00	-22.57	100	113	QP
5	737.130	33.89	-8.23	25.66	46.00	-20.34	100	297	QP
6	839.950	34.92	-6.89	28.03	46.00	-17.97	100	4	QP



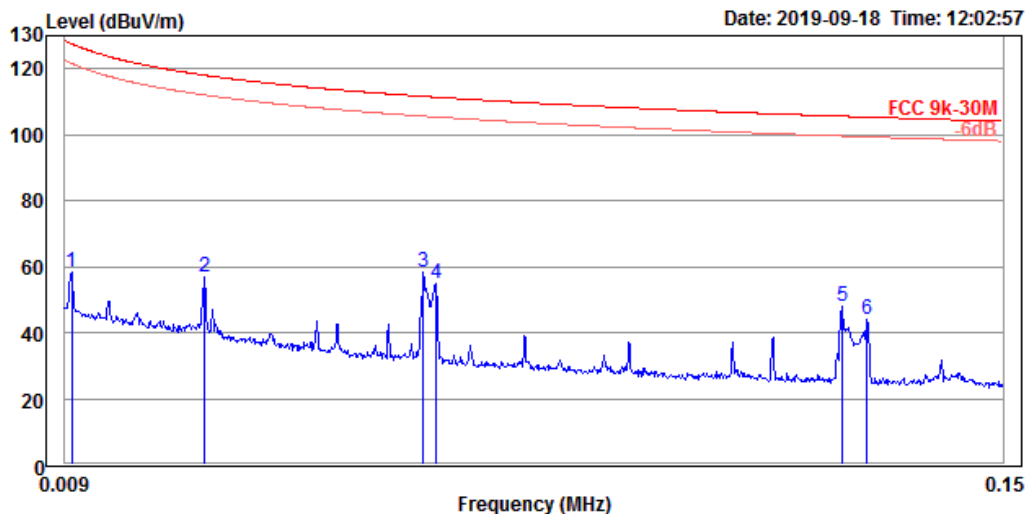
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	31.83	-11.29	20.54	40.00	-19.46	100	162	
2	94.020	39.40	-20.95	18.45	43.50	-25.05	100	263	
3	344.280	34.02	-14.89	19.13	46.00	-26.87	100	100	
4	576.110	34.46	-10.31	24.15	46.00	-21.85	100	213	
5	751.680	34.06	-7.98	26.08	46.00	-19.92	100	15	
6	857.410	35.00	-6.61	28.39	46.00	-17.61	100	0	

Spurious Emissions, TX Mode, 9k-30M, BLE 2M

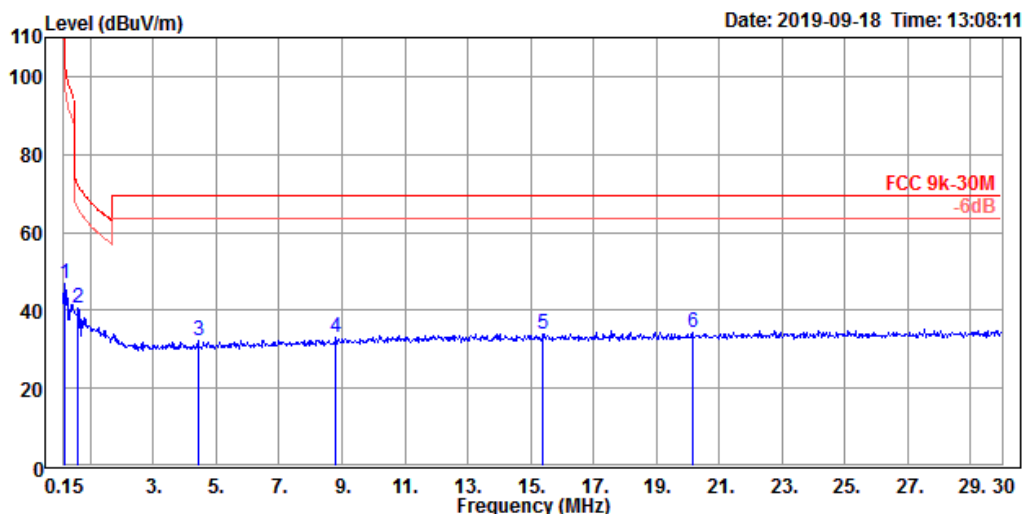


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read		Limit	Over	APos	TPos	
	Level	Factor	Level	Line	Limit			Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.010	40.13	18.03	58.16	127.60	-69.44	100	120 QP
2	0.030	37.92	18.94	56.86	118.05	-61.19	100	163 QP
3	0.063	39.57	18.54	58.11	111.63	-53.52	100	179 QP
4	0.065	36.23	18.50	54.73	111.38	-56.65	100	224 QP
5	0.126	30.42	17.75	48.17	105.61	-57.44	100	209 QP
6	0.130	26.26	17.77	44.03	105.35	-61.32	100	247 QP



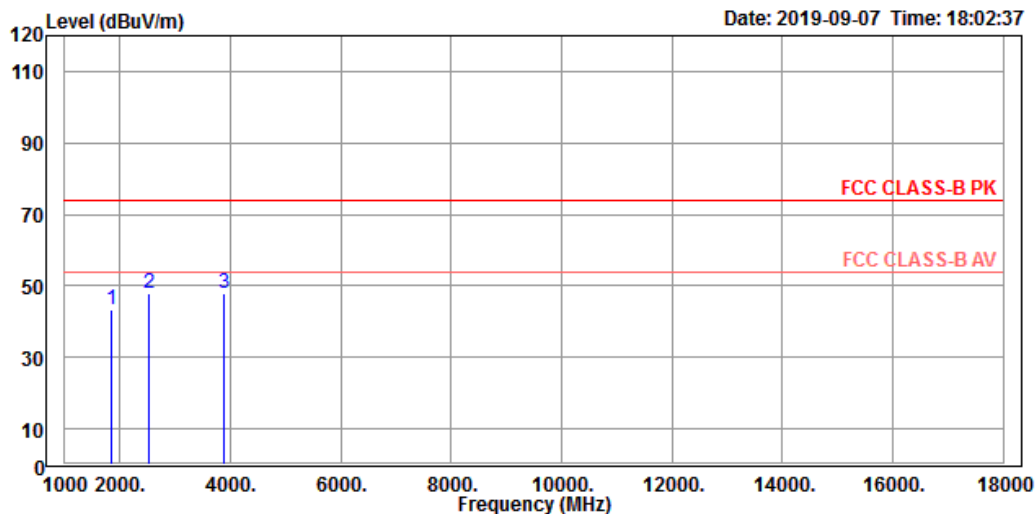
Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : LE_TX_2M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	29.01	17.97	46.98	102.50	-55.52	100	164	QP
2	0.598	21.96	18.42	40.38	72.08	-31.70	100	168	QP
3	4.419	13.20	19.08	32.28	69.50	-37.22	100	113	QP
4	8.807	12.93	20.09	33.02	69.50	-36.48	100	216	QP
5	15.403	13.06	20.87	33.93	69.50	-35.57	100	114	QP
6	20.150	12.89	21.32	34.21	69.50	-35.29	100	109	QP

Spurious Emissions, RX Mode, 1-18G, BLE 2M

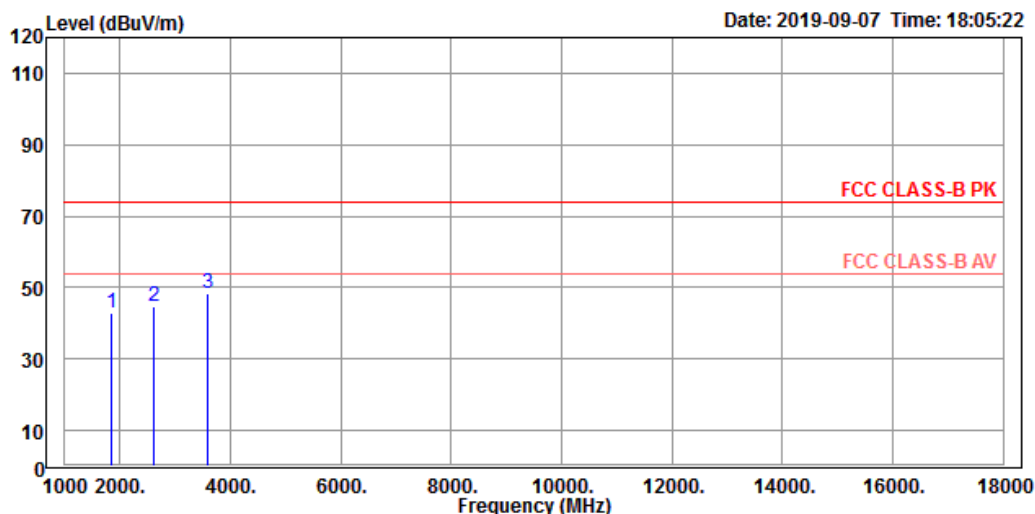


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Freq	Read	Level	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	dB	cm	deg	
1	1854.250	50.19	-6.84	43.35	74.00	-30.65		150	25	Peak
2	2521.500	53.36	-5.67	47.69	74.00	-26.31		150	58	Peak
3	3897.083	50.92	-2.84	48.08	74.00	-25.92		150	136	Peak



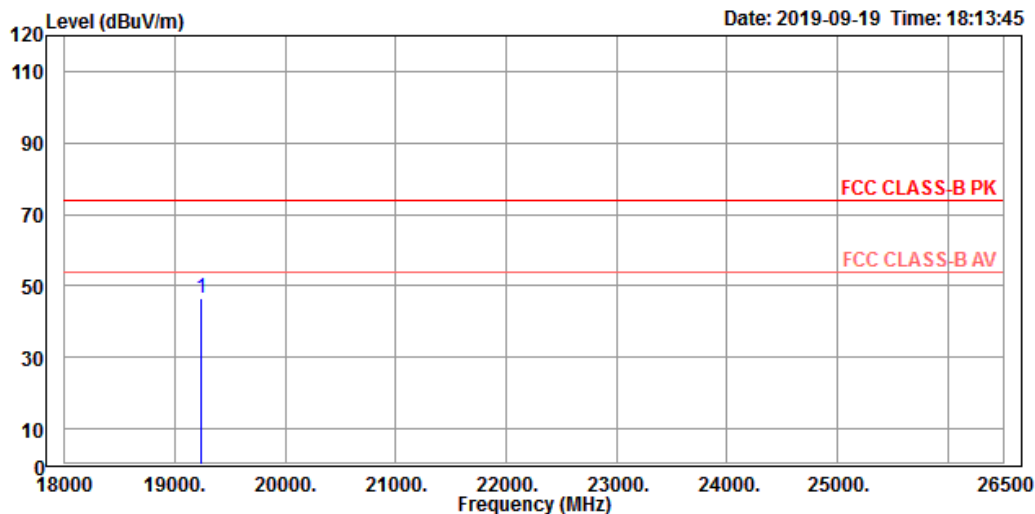
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	1855.667	49.78	-6.82	42.96	74.00	-31.04	150	27	Peak
2	2602.250	50.29	-5.51	44.78	74.00	-29.22	150	88	Peak
3	3596.750	51.96	-3.66	48.30	74.00	-25.70	150	139	Peak

Spurious Emissions, RX Mode, 18-26G, BLE 2M

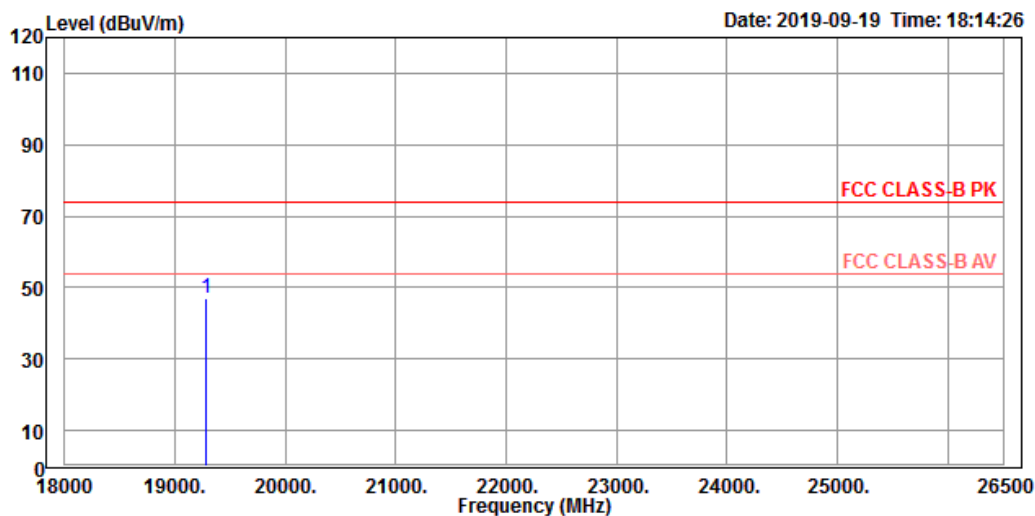


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 19241.710	48.11	-1.66	46.45	74.00	-27.55	136	97	Peak



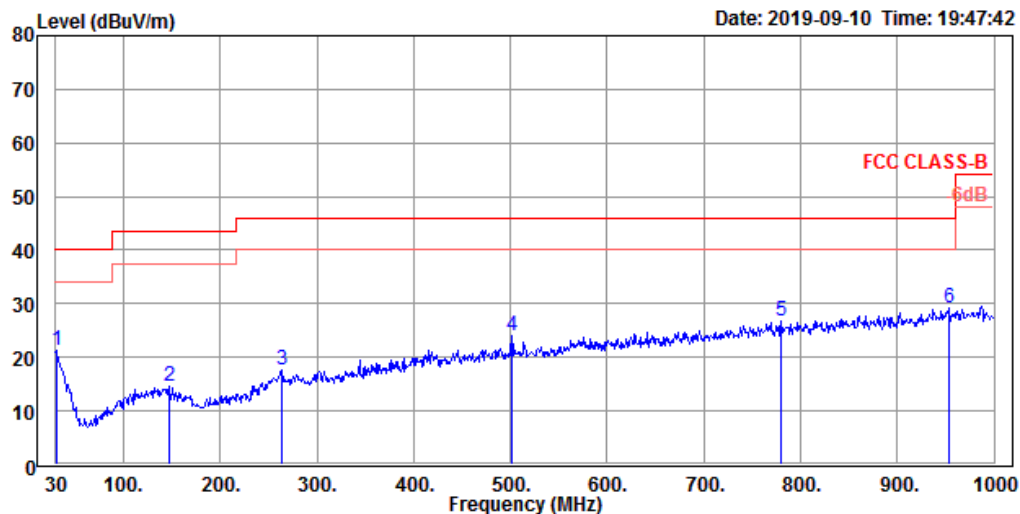
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19282.790	48.68	-1.69	46.99	74.00	-27.01	133	185	Peak

Spurious Emissions, RX Mode, 30M-1G, BLE 2M

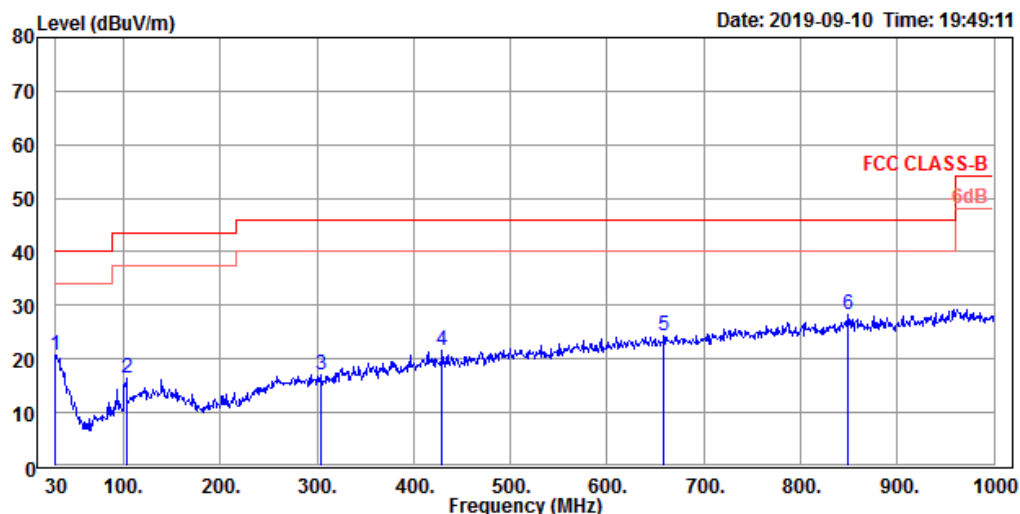


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Freq	Read		Limit	Over	APos	TPos	
	MHz	Level	Factor	Level	Line	Limit		Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	30.970	32.94	-11.67	21.27	40.00	-18.73	100	353 QP
2	147.370	33.09	-18.45	14.64	43.50	-28.86	100	53 QP
3	263.770	33.41	-15.91	17.50	46.00	-28.50	100	118 QP
4	501.420	35.81	-11.66	24.15	46.00	-21.85	100	255 QP
5	779.810	34.35	-7.73	26.62	46.00	-19.38	100	288 QP
6	954.410	34.00	-4.89	29.11	46.00	-16.89	100	124 QP



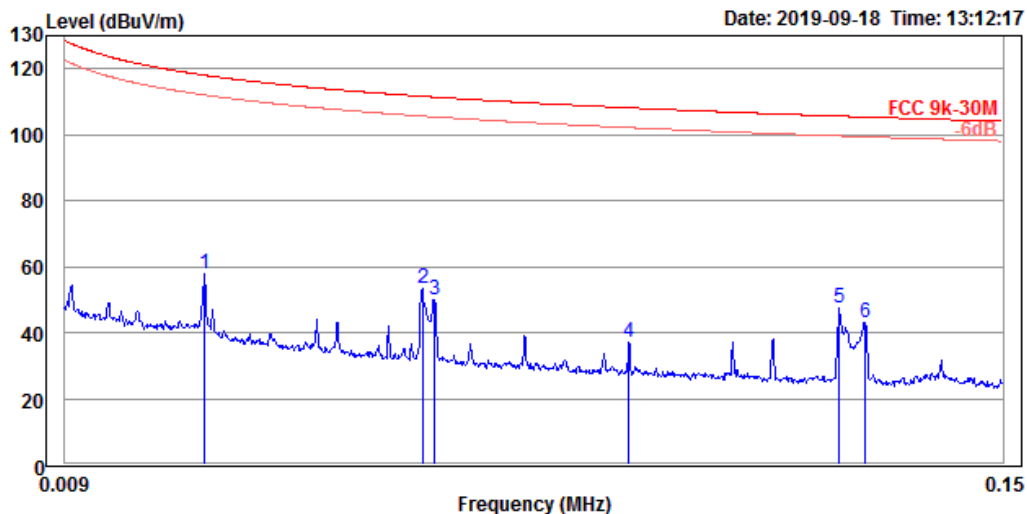
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : LE_RX_2M_2440MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	32.10	-11.29	20.81	40.00	-19.19	100	89	QP
2	102.750	36.10	-19.82	16.28	43.50	-27.22	100	2	QP
3	303.540	33.12	-16.06	17.06	46.00	-28.94	100	174	QP
4	429.640	34.53	-12.88	21.65	46.00	-24.35	100	166	QP
5	658.560	33.92	-9.47	24.45	46.00	-21.55	100	5	QP
6	849.650	35.08	-6.69	28.39	46.00	-17.61	100	358	QP

Spurious Emissions, RX Mode, 9K-30M, BLE 2M

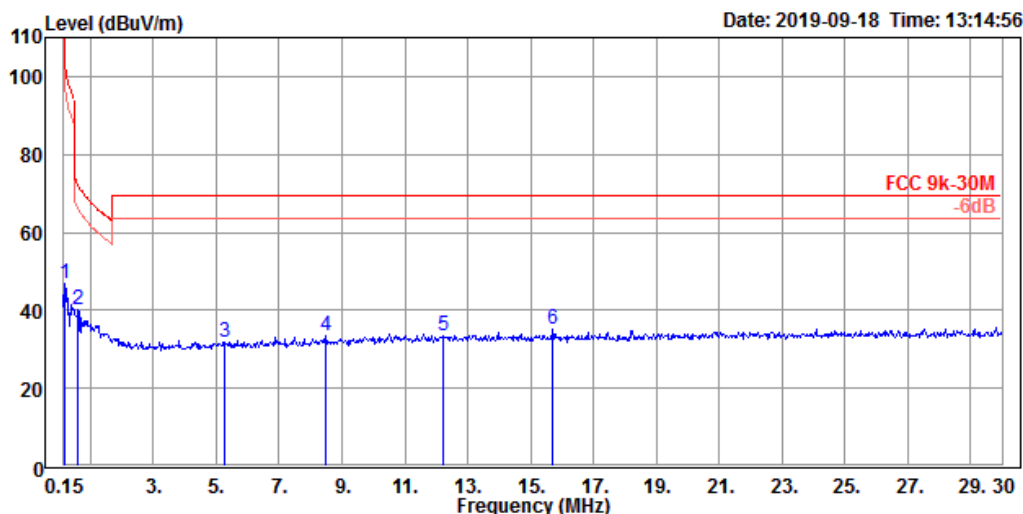


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : LE_RX_2M_2440MHz

		Read		Limit	Over	APos	TPos	
	Freq	Level	Factor	Level	Line	Limit		Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.030	38.69	18.94	57.63	118.05	-60.42	100	174 QP
2	0.063	34.77	18.54	53.31	111.65	-58.34	100	167 QP
3	0.065	31.63	18.50	50.13	111.40	-61.27	100	219 QP
4	0.094	19.39	17.80	37.19	108.16	-70.97	100	147 QP
5	0.125	29.77	17.75	47.52	105.63	-58.11	100	139 QP
6	0.129	25.46	17.77	43.23	105.37	-62.14	100	224 QP

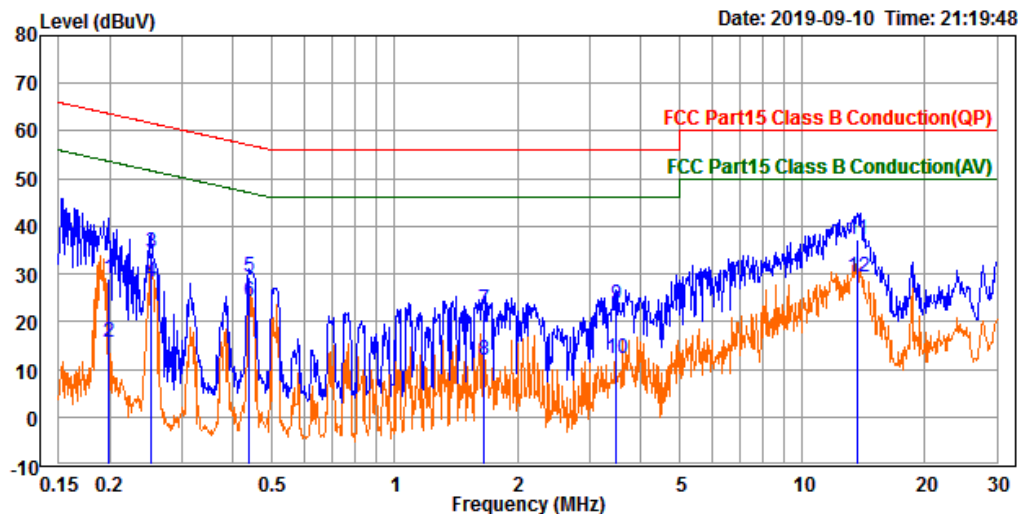


Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : LE_RX_2M_2440MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	28.97	17.97	46.94	102.50	-55.56	100	157	QP
2	0.598	21.60	18.42	40.02	72.08	-32.06	100	138	QP
3	5.254	12.46	19.34	31.80	69.50	-37.70	100	201	QP
4	8.478	13.24	20.02	33.26	69.50	-36.24	100	224	QP
5	12.239	13.08	20.56	33.64	69.50	-35.86	100	206	QP
6	15.702	14.06	20.89	34.95	69.50	-34.55	100	243	QP



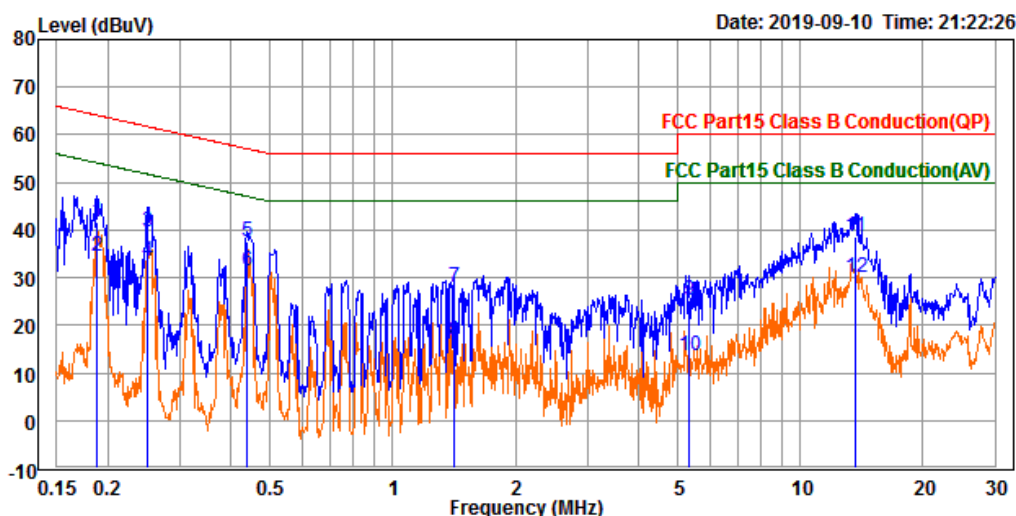
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Tel: +886-2172-7000 Fax: +886-2528-0018



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : BLE 2M Normal Operation

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.199	19.53	9.61	29.14	63.64	-34.50	QP
2	0.199	6.06	9.61	15.67	53.64	-37.97	Average
3	0.252	24.90	9.61	34.51	61.69	-27.18	QP
4	0.252	18.58	9.61	28.19	51.69	-23.50	Average
5	0.440	19.88	9.62	29.50	57.06	-27.56	QP
6	0.440	14.76	9.62	24.38	47.06	-22.68	Average
7	1.658	12.98	9.64	22.62	56.00	-33.38	QP
8	1.658	2.21	9.64	11.85	46.00	-34.15	Average
9	3.483	14.02	9.66	23.68	56.00	-32.32	QP
10	3.483	2.60	9.66	12.26	46.00	-33.74	Average
11	13.649	27.63	9.75	37.38	60.00	-22.62	QP
12	13.649	19.48	9.75	29.23	50.00	-20.77	Average



Trace: 1

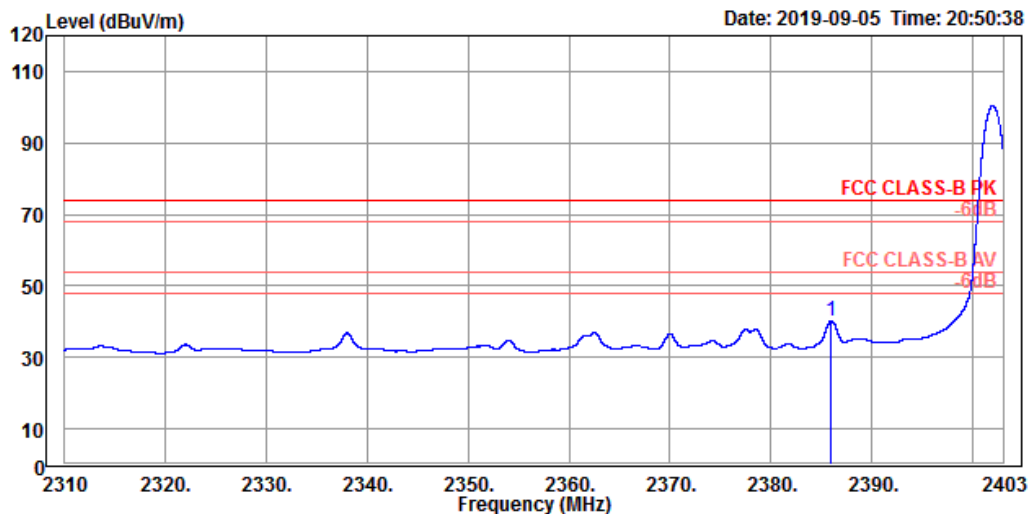
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : BLE 2M Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.188	32.07	9.62	41.69	64.14	-22.45	QP
2	0.188	24.90	9.62	34.52	54.14	-19.62	Average
3	0.251	29.88	9.62	39.50	61.74	-22.24	QP
4	0.251	23.80	9.62	33.42	51.74	-18.32	Average
5	0.438	27.91	9.63	37.54	57.10	-19.56	QP
6	0.438	21.81	9.63	31.44	47.10	-15.66	Average
7	1.420	18.36	9.64	28.00	56.00	-28.00	QP
8	1.420	7.10	9.64	16.74	46.00	-29.26	Average
9	5.347	15.56	9.70	25.26	60.00	-34.74	QP
10	5.347	3.93	9.70	13.63	50.00	-36.37	Average
11	13.649	28.71	9.78	38.49	60.00	-21.51	QP
12	13.649	20.16	9.78	29.94	50.00	-20.06	Average

Spurious Emissions, Band Edges, 2.35-2.5G, ANT

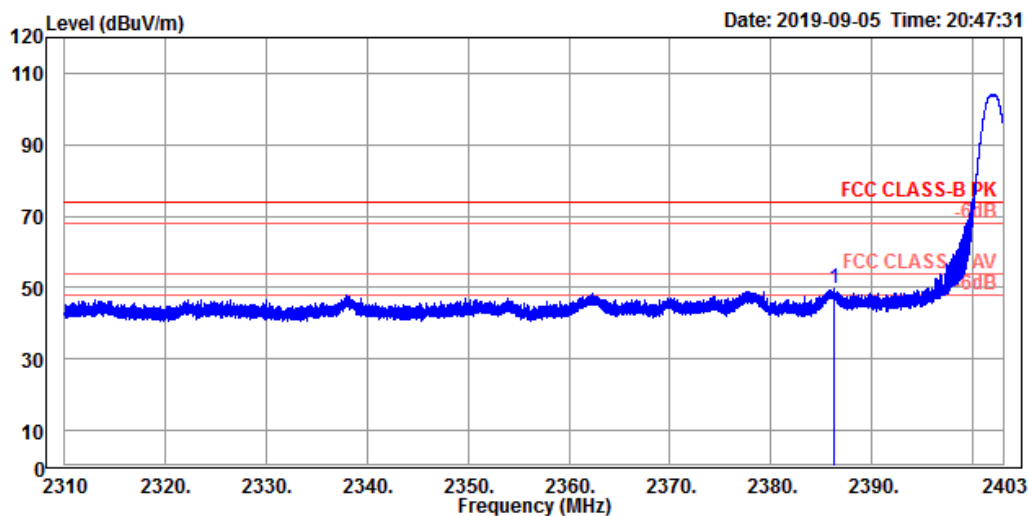


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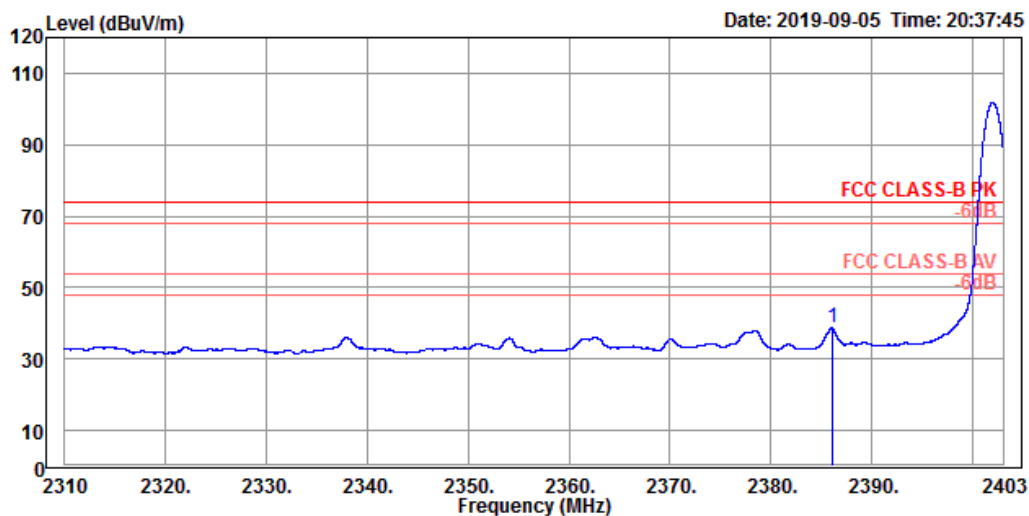
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Level	Factor	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2385.990	46.27	-6.02	40.25	54.00	-13.75	169	56	Average



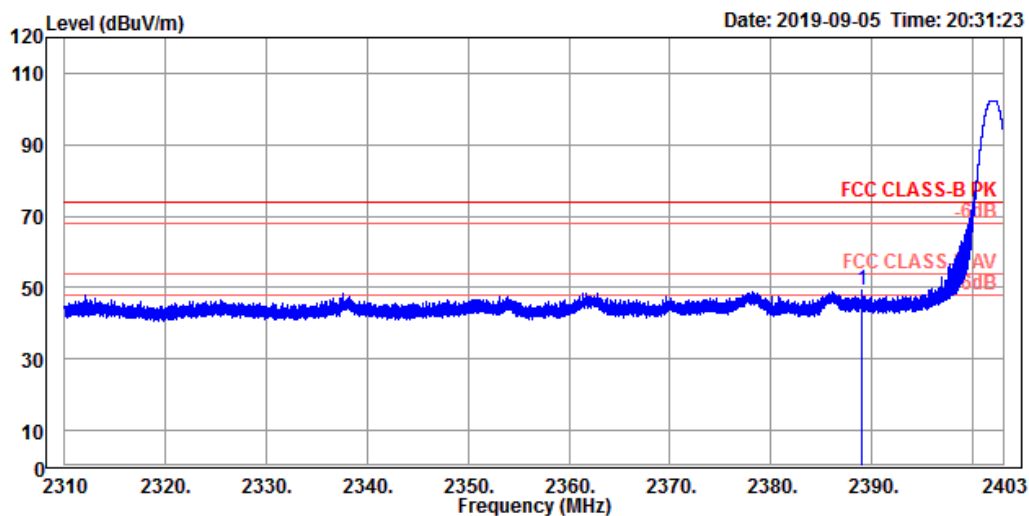
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2386.228	55.61	-6.02	49.59	74.00	-24.41	169	56	Peak



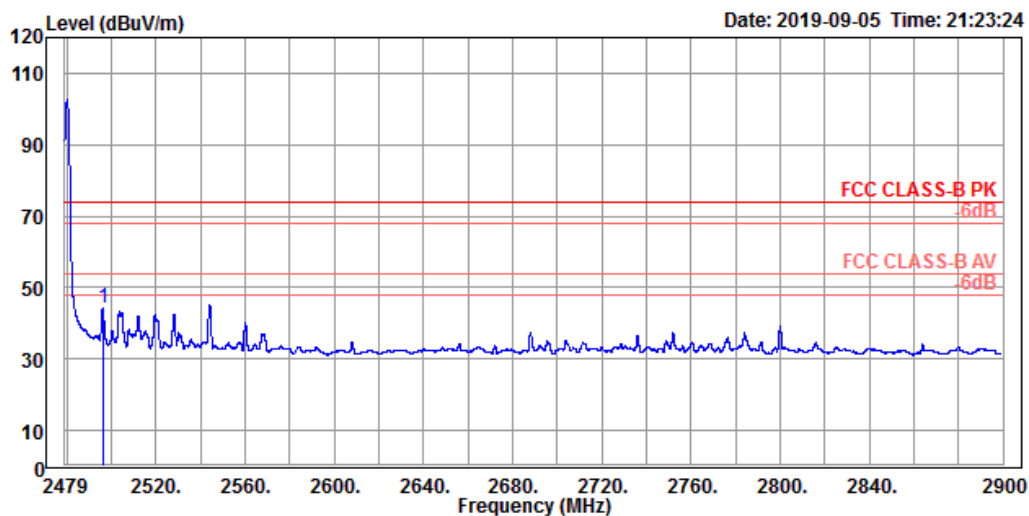
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2386.042	44.60	-6.02	38.58	54.00	-15.42	286	113	Average



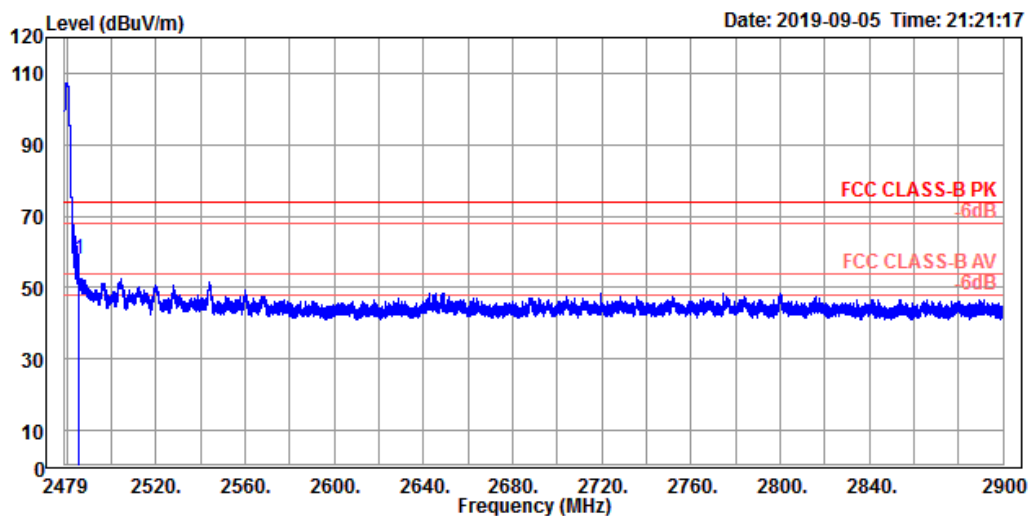
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2388.962	55.10	-6.02	49.08	74.00	-24.92	286	113	Peak



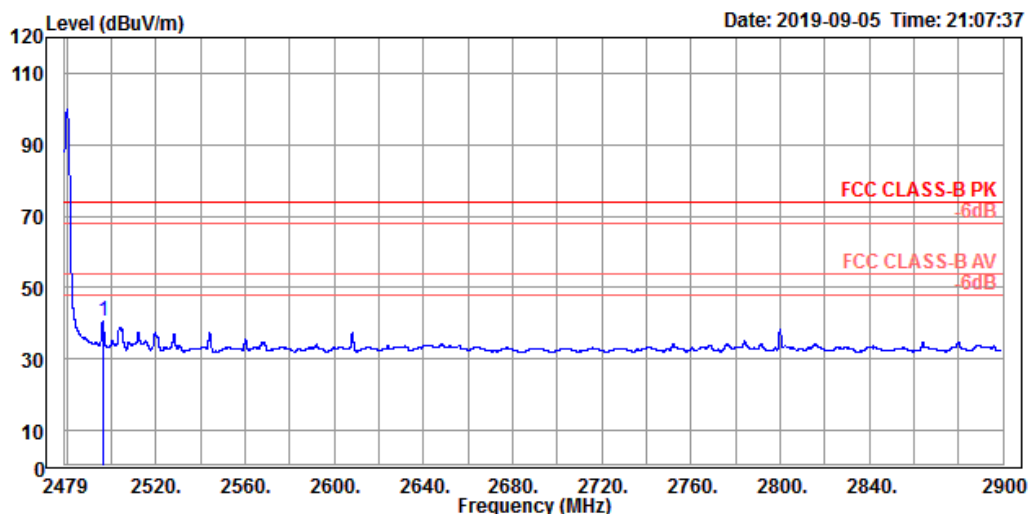
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2495.987	49.90	-5.71	44.19	54.00	-9.81	153	153	Average



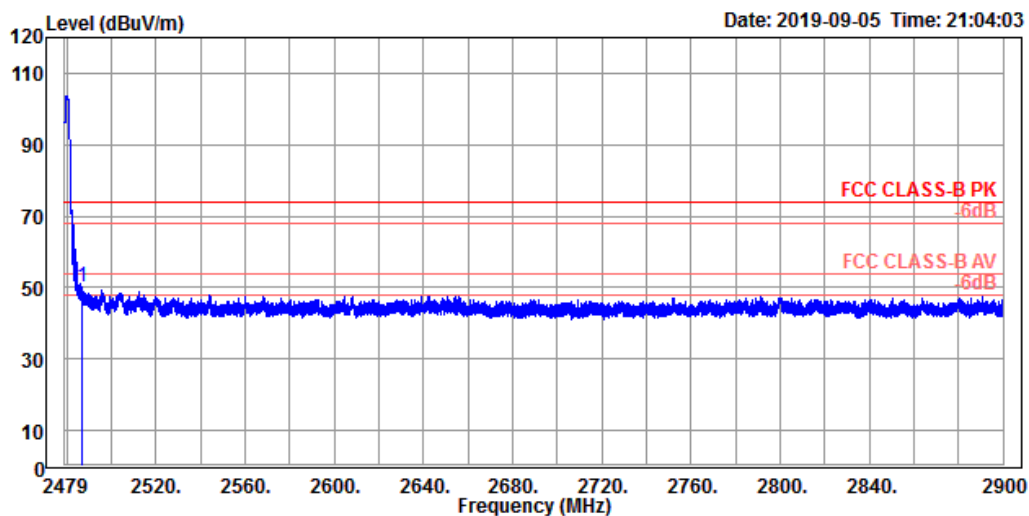
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2485.273	63.49	-5.72	57.77	74.00	-16.23	153	153	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2495.987	46.17	-5.71	40.46	54.00	-13.54	277	121	Average



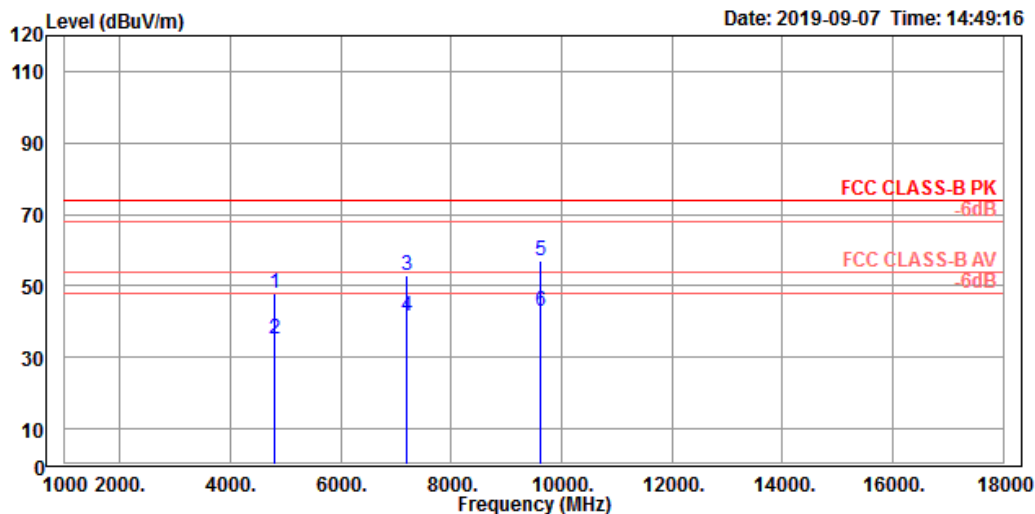
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2486.431	55.87	-5.73	50.14	74.00	-23.86	277	121	Peak

Spurious Emissions, TX Mode, 1-18G, ANT

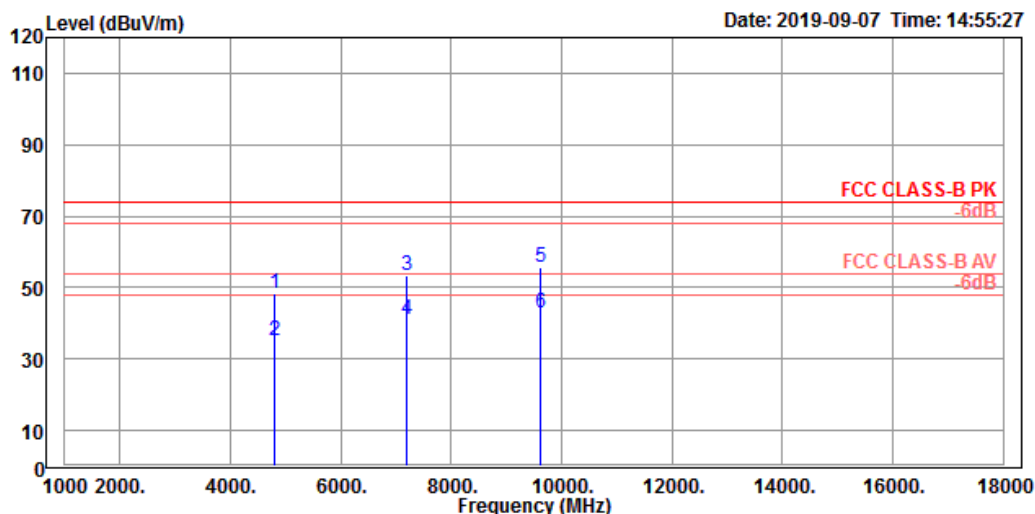


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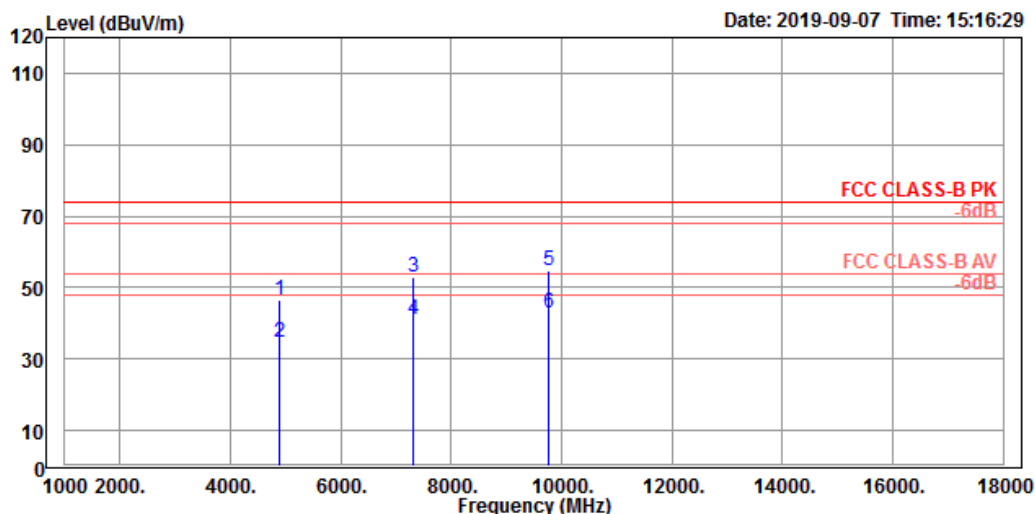
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Level	Factor	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4802.000	48.00	-0.24	47.76	74.00	-26.24	150	213	Peak
2	4802.000	35.18	-0.24	34.94	54.00	-19.06	150	213	Average
3	7204.000	44.76	8.39	53.15	74.00	-20.85	150	163	Peak
4	7204.000	32.92	8.39	41.31	54.00	-12.69	150	163	Average
5	9608.000	46.90	10.03	56.93	74.00	-17.07	150	222	Peak
6	9608.000	32.78	10.03	42.81	54.00	-11.19	150	222	Average



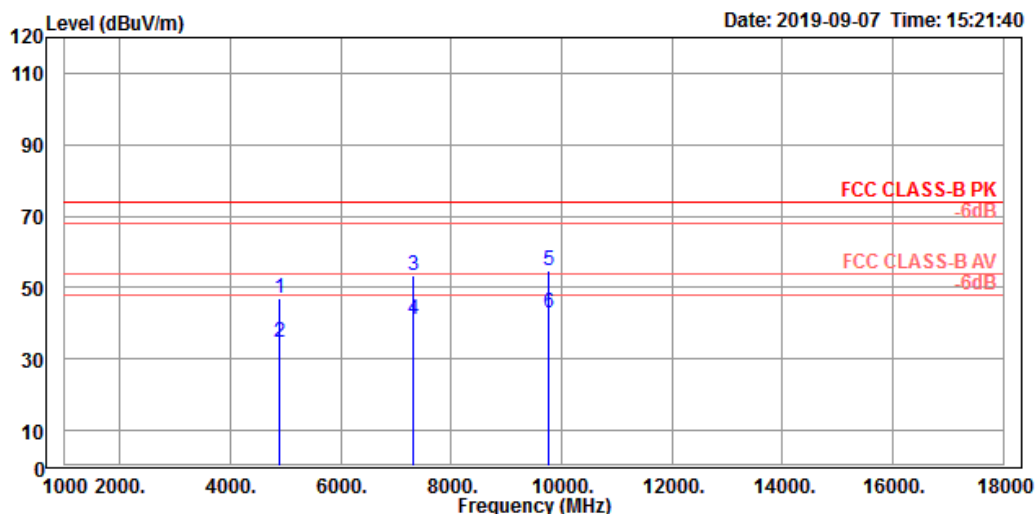
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4802.000	48.40	-0.24	48.16	74.00	-25.84	150	122	Peak
2	4802.000	35.19	-0.24	34.95	54.00	-19.05	150	122	Average
3	7204.000	45.06	8.39	53.45	74.00	-20.55	150	178	Peak
4	7204.000	32.74	8.39	41.13	54.00	-12.87	150	178	Average
5	9608.000	45.80	10.03	55.83	74.00	-18.17	150	186	Peak
6	9608.000	33.01	10.03	43.04	54.00	-10.96	150	186	Average



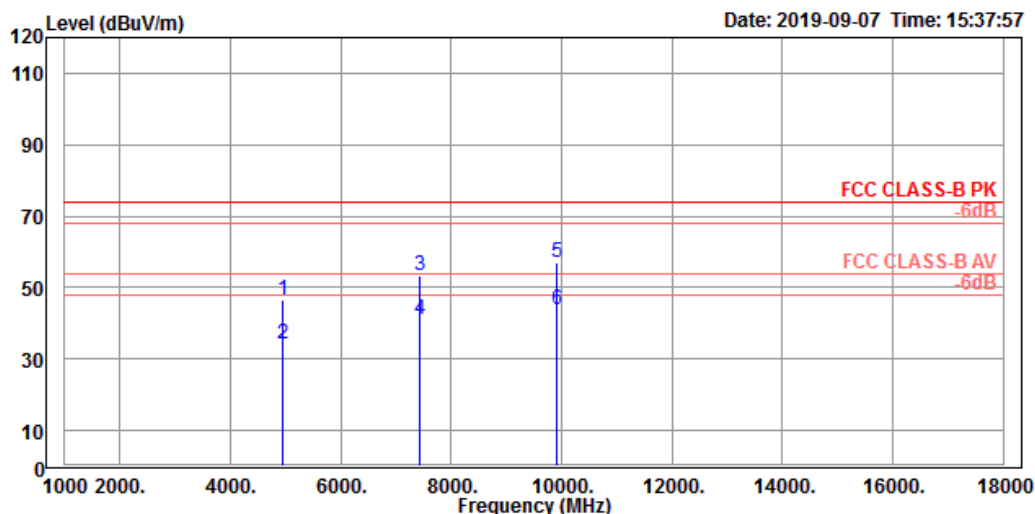
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	46.81	-0.09	46.72	74.00	-27.28	150	98	Peak
2	4882.000	34.77	-0.09	34.68	54.00	-19.32	150	98	Average
3	7323.000	44.47	8.66	53.13	74.00	-20.87	150	55	Peak
4	7323.000	32.49	8.66	41.15	54.00	-12.85	150	55	Average
5	9764.000	44.95	9.84	54.79	74.00	-19.21	150	103	Peak
6	9764.000	32.92	9.84	42.76	54.00	-11.24	150	103	Average



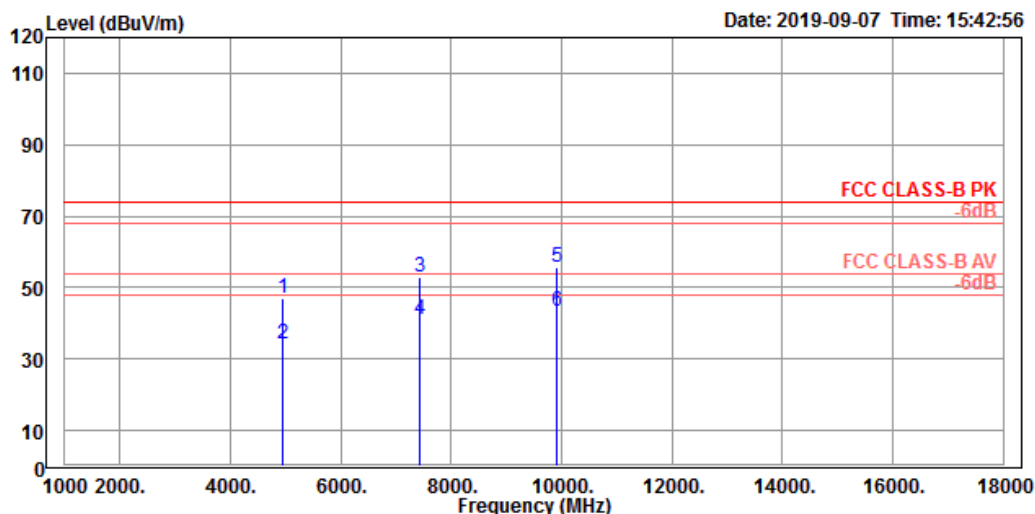
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	47.12	-0.09	47.03	74.00	-26.97	150	123	Peak
2	4882.000	34.72	-0.09	34.63	54.00	-19.37	150	123	Average
3	7323.000	44.60	8.66	53.26	74.00	-20.74	150	155	Peak
4	7323.000	32.62	8.66	41.28	54.00	-12.72	150	155	Average
5	9764.000	44.76	9.84	54.60	74.00	-19.40	150	102	Peak
6	9764.000	32.98	9.84	42.82	54.00	-11.18	150	102	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	46.64	0.07	46.71	74.00	-27.29	150	36	Peak
2	4960.000	34.29	0.07	34.36	54.00	-19.64	150	36	Average
3	7440.000	44.29	9.01	53.30	74.00	-20.70	150	58	Peak
4	7440.000	31.83	9.01	40.84	54.00	-13.16	150	58	Average
5	9920.000	47.41	9.64	57.05	74.00	-16.95	150	142	Peak
6	9920.000	33.97	9.64	43.61	54.00	-10.39	150	142	Average



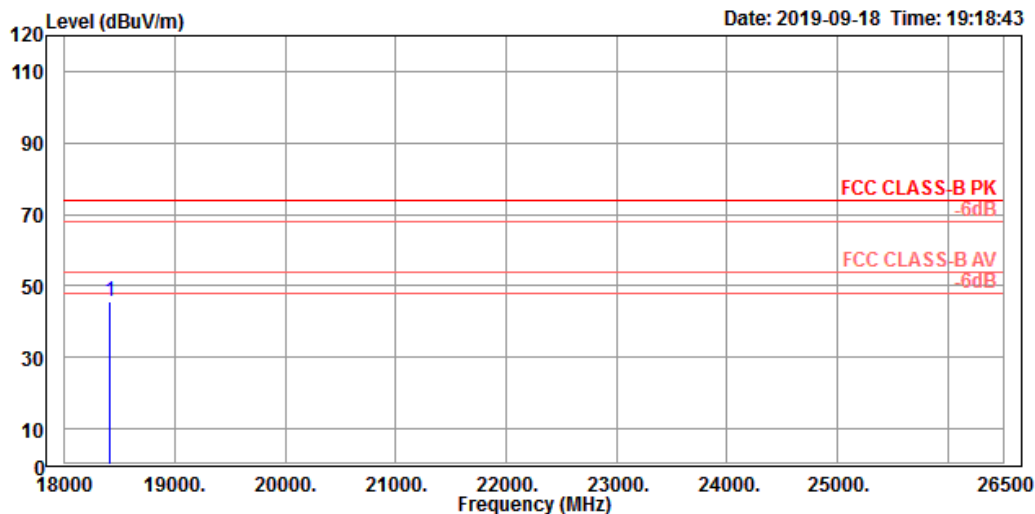
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	46.88	0.07	46.95	74.00	-27.05	150	36	Peak
2	4960.000	34.30	0.07	34.37	54.00	-19.63	150	36	Average
3	7440.000	43.76	9.01	52.77	74.00	-21.23	150	55	Peak
4	7440.000	31.84	9.01	40.85	54.00	-13.15	150	55	Average
5	9920.000	46.19	9.64	55.83	74.00	-18.17	150	120	Peak
6	9920.000	33.61	9.64	43.25	54.00	-10.75	150	120	Average

Spurious Emissions, TX Mode, 18-26G, ANT

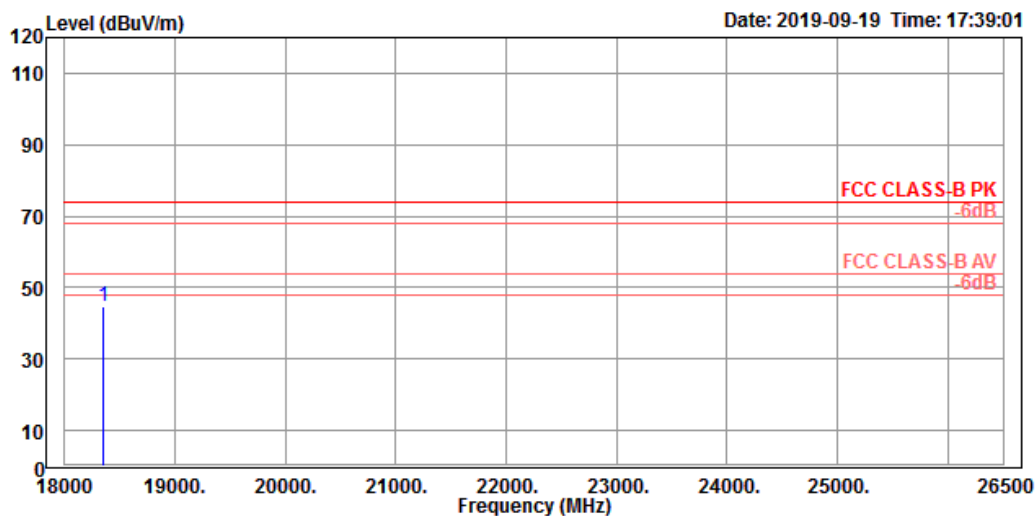


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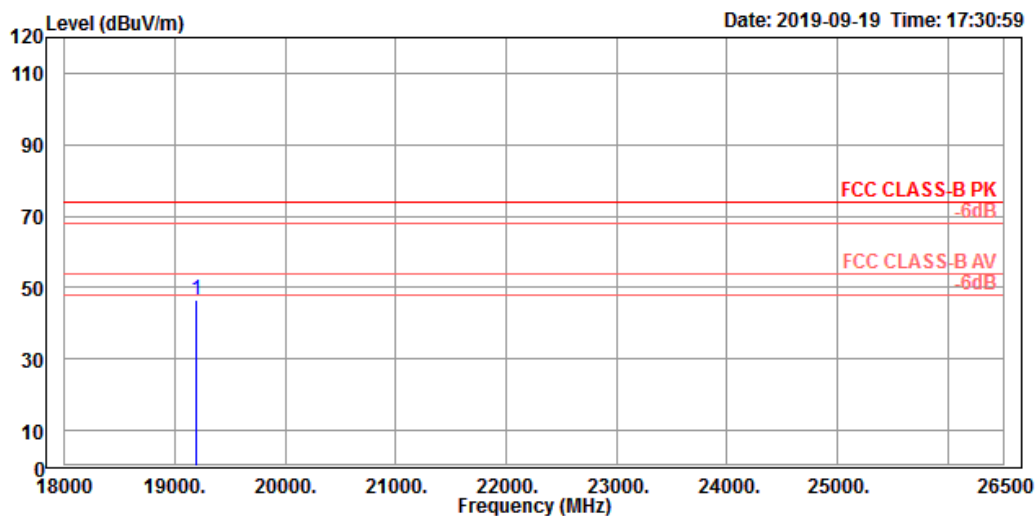
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Freq	Read	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	Line	dB	cm	deg
1	18400.920	47.89	-2.38	45.51	74.00	-28.49	150	64 Peak



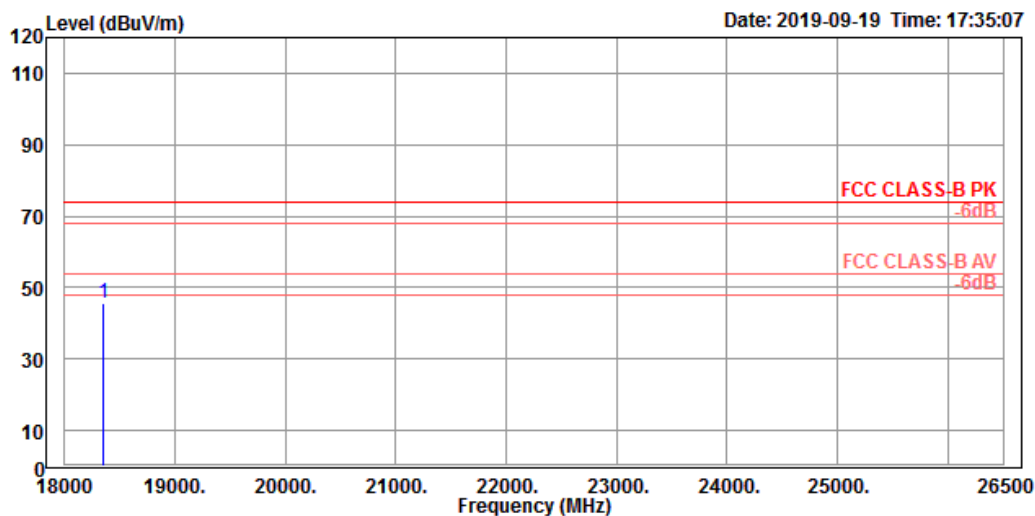
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2402MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18342.830	47.09	-2.33	44.76	74.00	-29.24	123	59	Peak



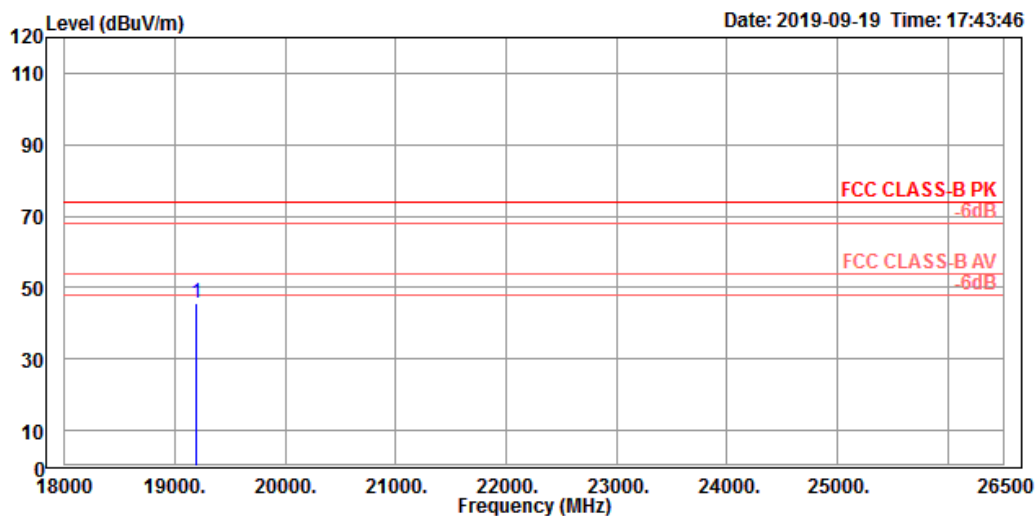
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19187.170	48.39	-1.79	46.60	74.00	-27.40	153	203	Peak



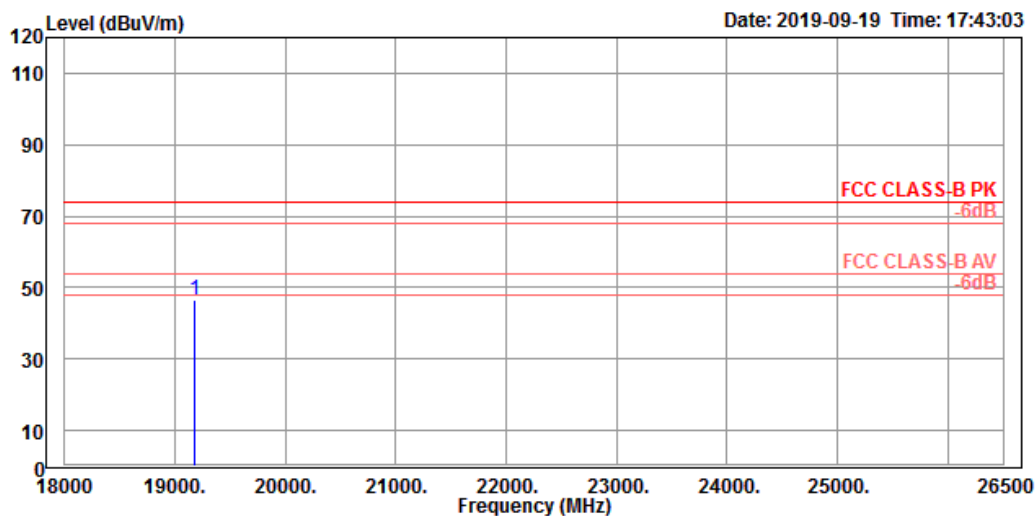
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18340.710	47.90	-2.33	45.57	74.00	-28.43	166	133	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19187.170	47.53	-1.79	45.74	74.00	-28.26	130	89	Peak



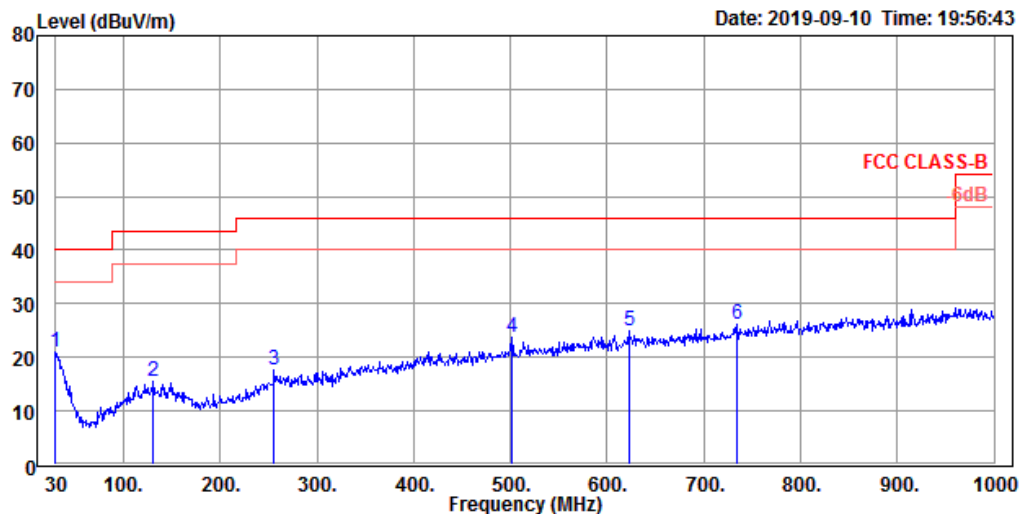
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19177.960	48.40	-1.81	46.59	74.00	-27.41	122	78	Peak

Spurious Emissions, TX Mode, 30M-1G, ANT

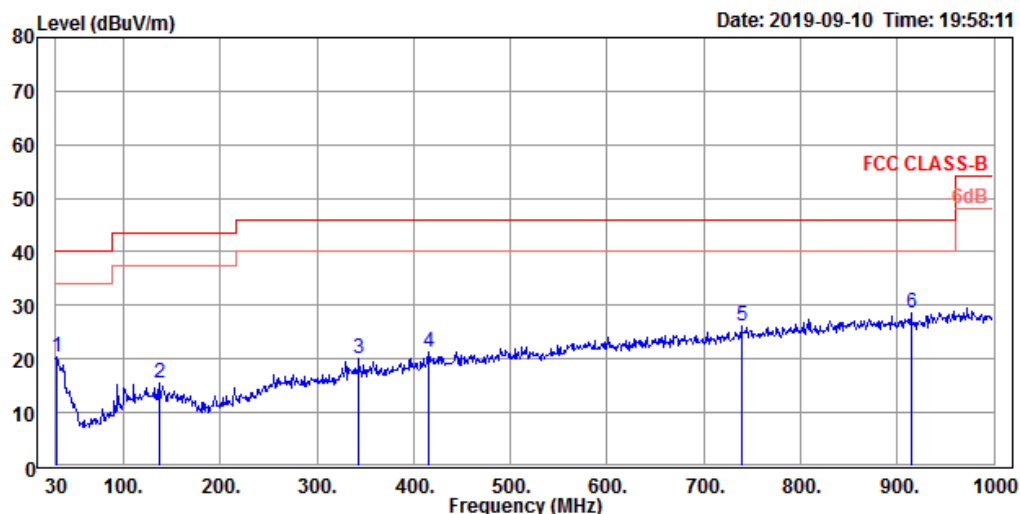


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	32.39	-11.29	21.10	40.00	-18.90	100	349	QP
2	130.880	33.52	-18.13	15.39	43.50	-28.11	100	223	QP
3	256.010	33.93	-16.40	17.53	46.00	-28.47	100	358	QP
4	501.420	35.46	-11.66	23.80	46.00	-22.20	100	359	QP
5	622.670	34.93	-9.87	25.06	46.00	-20.94	100	14	QP
6	734.220	34.65	-8.38	26.27	46.00	-19.73	100	278	QP



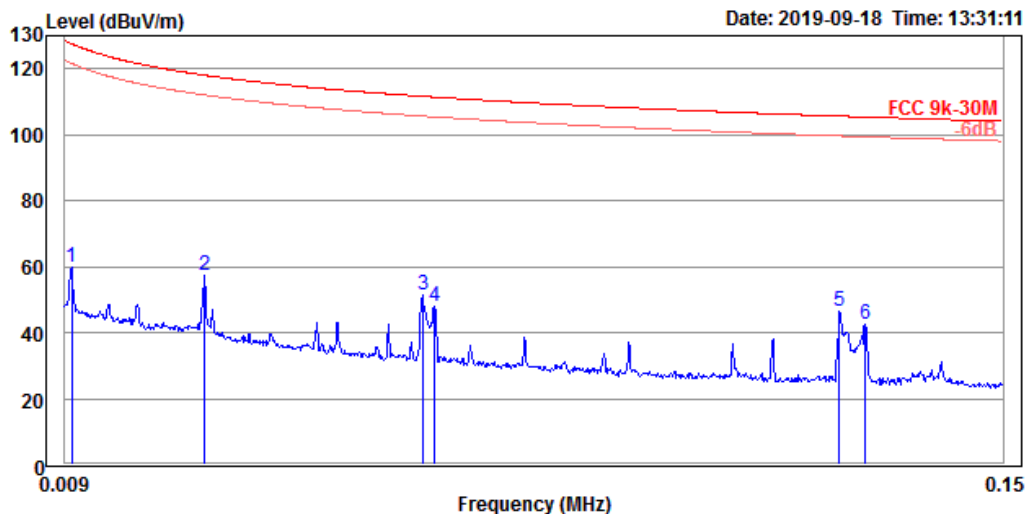
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.970	32.10	-11.67	20.43	40.00	-19.57	100	165	QP
2	137.670	33.69	-18.20	15.49	43.50	-28.01	100	45	QP
3	343.310	34.97	-14.93	20.04	46.00	-25.96	100	117	QP
4	415.090	34.27	-12.97	21.30	46.00	-24.70	100	78	QP
5	739.070	34.29	-8.15	26.14	46.00	-19.86	100	154	QP
6	914.640	34.79	-6.18	28.61	46.00	-17.39	100	110	QP

Spurious Emissions, TX Mode, 9k-30M, ANT

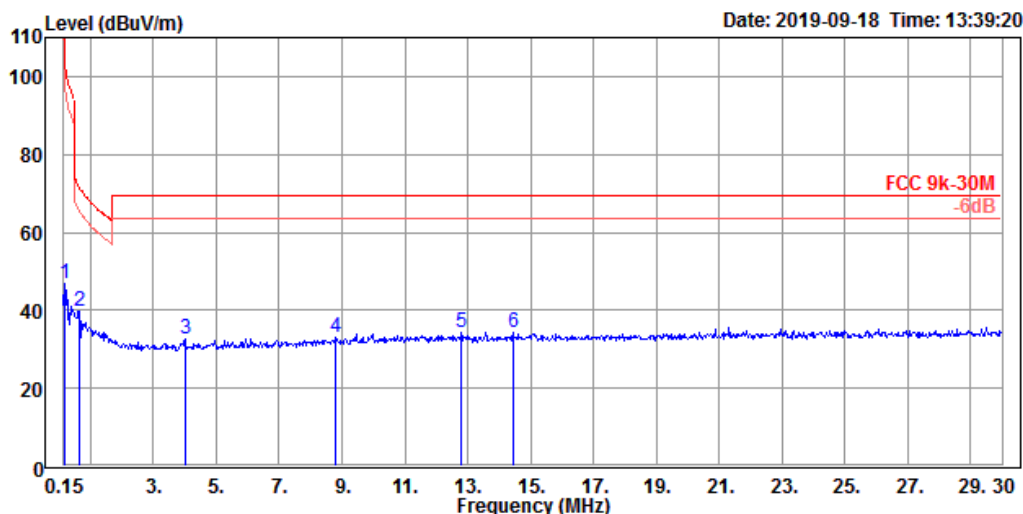


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read		Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.010	41.55	18.03	59.58	127.60	-68.02	100	208 QP
2	0.030	38.22	18.94	57.16	118.05	-60.89	100	164 QP
3	0.063	32.91	18.54	51.45	111.65	-60.20	100	206 QP
4	0.065	29.26	18.50	47.76	111.40	-63.64	100	330 QP
5	0.125	28.88	17.75	46.63	105.63	-59.00	100	116 QP
6	0.129	24.81	17.77	42.58	105.37	-62.79	100	203 QP



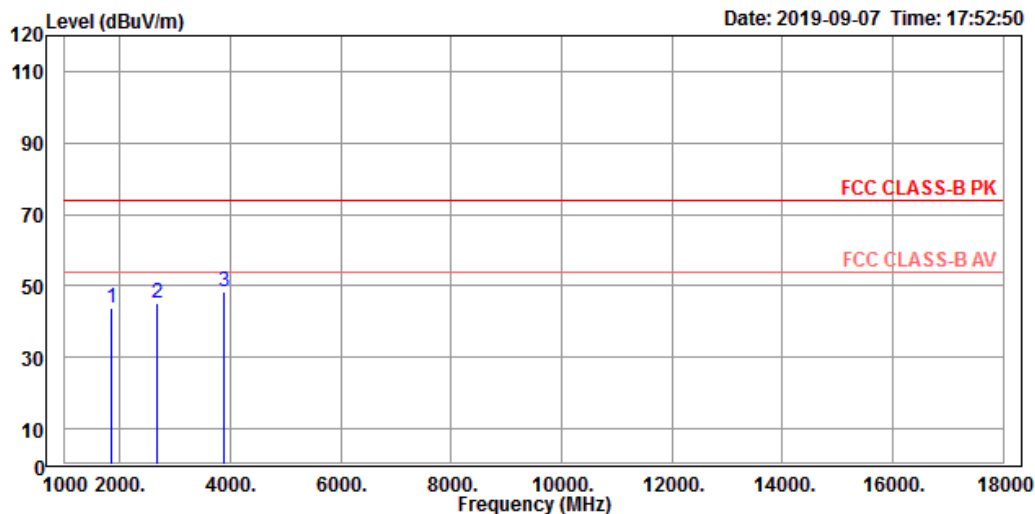
Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : ANT_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	29.03	17.97	47.00	102.50	-55.50	100	263	QP
2	0.628	21.22	18.43	39.65	71.66	-32.01	100	135	QP
3	4.001	13.51	18.92	32.43	69.50	-37.07	100	116	QP
4	8.807	13.11	20.09	33.20	69.50	-36.30	100	186	QP
5	12.806	13.67	20.61	34.28	69.50	-35.22	100	187	QP
6	14.448	13.57	20.77	34.34	69.50	-35.16	100	223	QP

Spurious Emissions, RX Mode, 1-18G, ANT

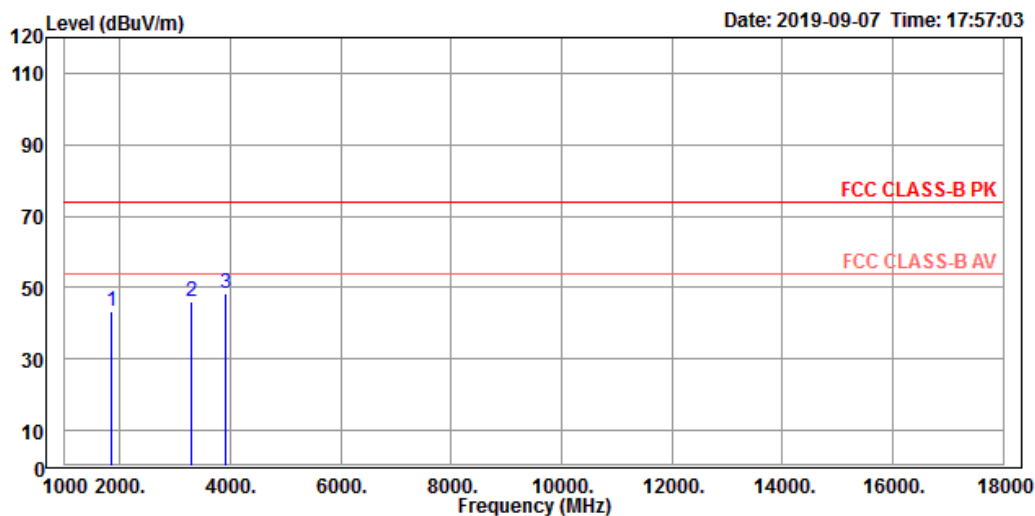


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Freq	Read	Level	Factor	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	1855.100	50.75	-6.83	43.92	74.00	-30.08	125	45	Peak
2	2676.200	50.54	-5.50	45.04	74.00	-28.96	123	22	Peak
3	3893.400	51.10	-2.85	48.25	74.00	-25.75	205	188	Peak



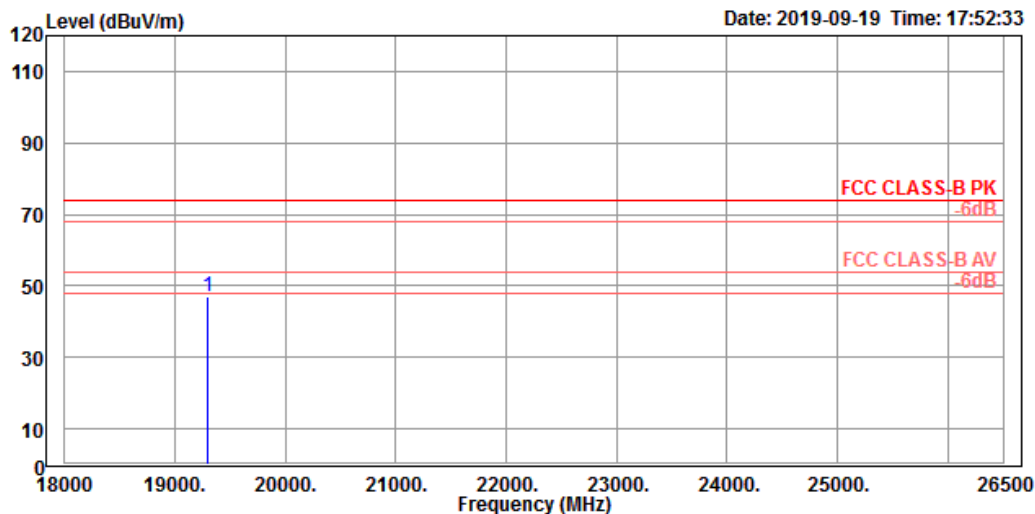
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	1854.250	50.36	-6.84	43.52	74.00	-30.48	158	255	Peak
2	3293.583	50.39	-4.21	46.18	74.00	-27.82	112	269	Peak
3	3905.583	51.09	-2.85	48.24	74.00	-25.76	198	69	Peak

Spurious Emissions, RX Mode, 18-26G, ANT

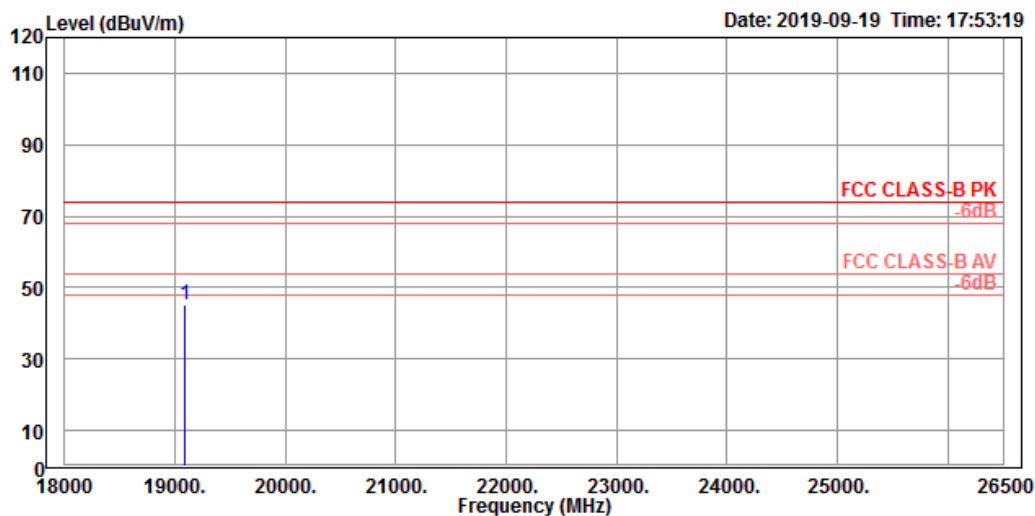


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 19300.500	48.81	-1.72	47.09	74.00	-26.91	123	156	Peak



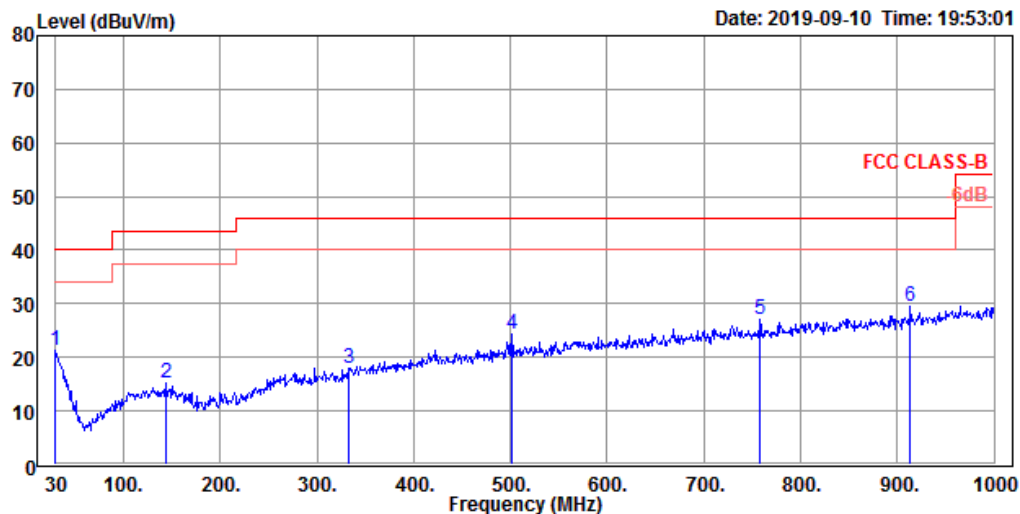
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19088.000	47.29	-2.02	45.27	74.00	-28.73	113	56	Peak

Spurious Emissions, RX Mode, 30M-1G, ANT

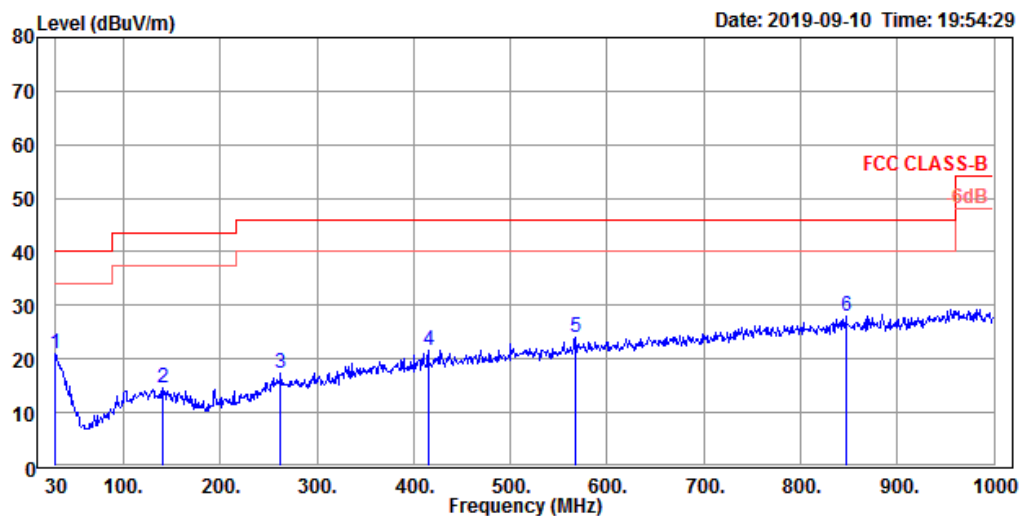


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Freq	Read	Level	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Limit	cm	deg	
1	30.000	32.53	-11.29	21.24	40.00	-18.76		100	148	QP
2	144.460	33.49	-18.36	15.13	43.50	-28.37		100	77	QP
3	333.610	33.28	-15.32	17.96	46.00	-28.04		100	223	QP
4	501.420	35.92	-11.66	24.26	46.00	-21.74		100	8	QP
5	758.470	34.97	-7.90	27.07	46.00	-18.93		100	3	QP
6	913.670	35.60	-6.17	29.43	46.00	-16.57		100	60	QP



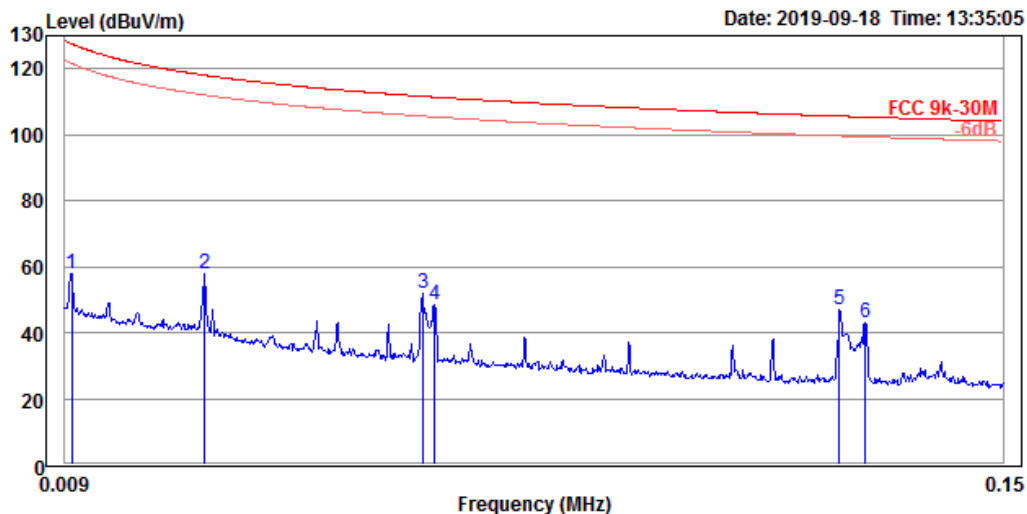
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : ANT_RX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	32.29	-11.29	21.00	40.00	-19.00	100	237	QP
2	140.580	32.74	-18.24	14.50	43.50	-29.00	100	53	QP
3	262.800	33.35	-15.91	17.44	46.00	-28.56	100	3	QP
4	415.090	34.68	-12.97	21.71	46.00	-24.29	100	291	QP
5	567.380	34.43	-10.40	24.03	46.00	-21.97	100	7	QP
6	846.740	34.71	-6.75	27.96	46.00	-18.04	100	354	QP

Spurious Emissions, RX Mode, 9K-30M, ANT

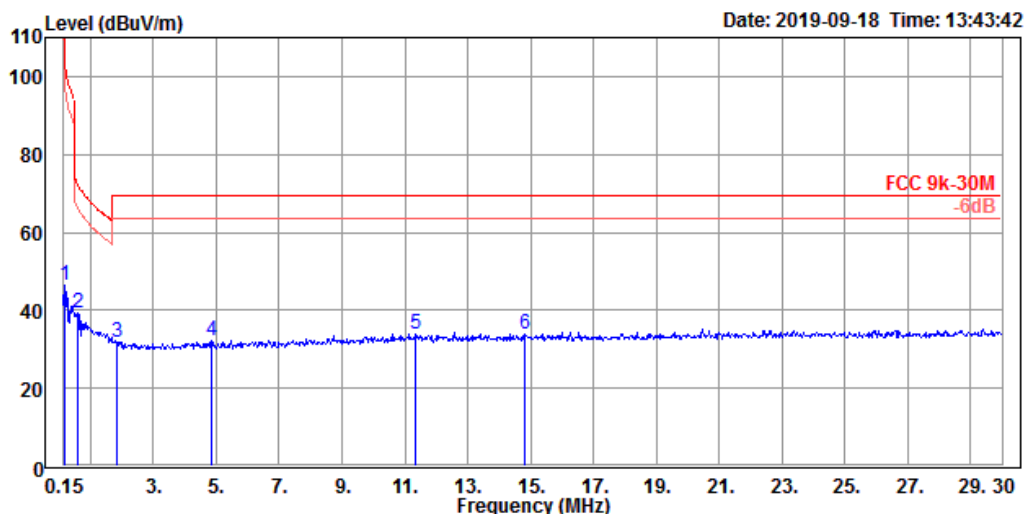


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : ANT_RX_2441MHz

	Freq	Read	Level	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	dB	cm	deg	
1	0.010	40.04	18.03	58.07	127.60	-69.53		100	162	QP
2	0.030	38.68	18.94	57.62	118.05	-60.43		100	185	QP
3	0.063	33.31	18.54	51.85	111.65	-59.80		100	214	QP
4	0.065	29.84	18.50	48.34	111.40	-63.06		100	215	QP
5	0.125	29.25	17.75	47.00	105.63	-58.63		100	214	QP
6	0.129	25.07	17.77	42.84	105.37	-62.53		100	108	QP

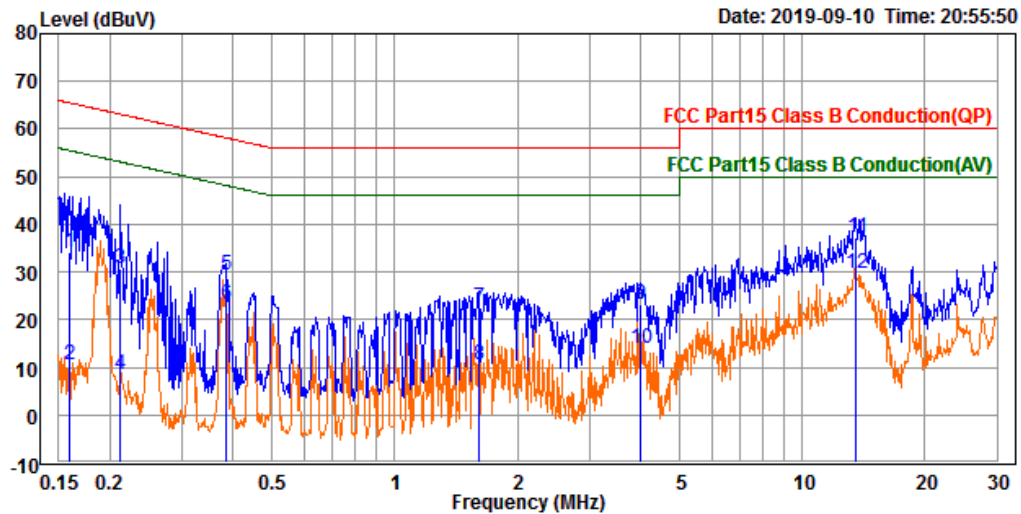


Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : ANT_RX_2441MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	28.33	17.97	46.30	102.50	-56.20	100	196 QP
2	0.598	20.86	18.42	39.28	72.08	-32.80	100	264 QP
3	1.851	13.25	18.58	31.83	69.50	-37.67	100	185 QP
4	4.836	12.99	19.23	32.22	69.50	-37.28	100	137 QP
5	11.314	13.57	20.47	34.04	69.50	-35.46	100	220 QP
6	14.806	13.27	20.80	34.07	69.50	-35.43	100	296 QP



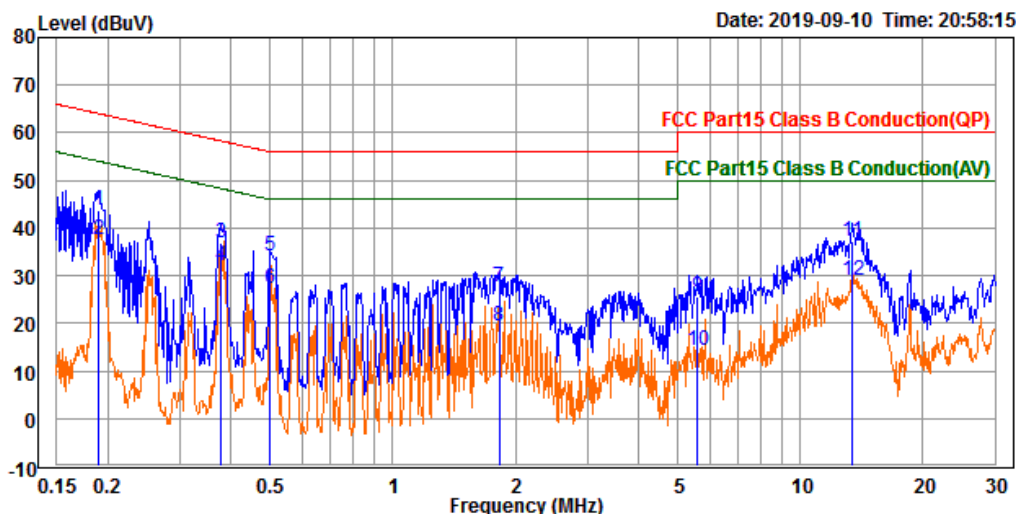
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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : ANT+ Normal Operation

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.159	24.41	9.61	34.02	65.50	-31.48	QP
2	0.159	0.75	9.61	10.36	55.50	-45.14	Average
3	0.213	21.04	9.61	30.65	63.10	-32.45	QP
4	0.213	-1.00	9.61	8.61	53.10	-44.49	Average
5	0.385	19.71	9.62	29.33	58.18	-28.85	QP
6	0.385	13.48	9.62	23.10	48.18	-25.08	Average
7	1.609	12.78	9.64	22.42	56.00	-33.58	QP
8	1.609	0.79	9.64	10.43	46.00	-35.57	Average
9	4.005	13.58	9.67	23.25	56.00	-32.75	QP
10	4.005	4.23	9.67	13.90	46.00	-32.10	Average
11	13.581	27.59	9.75	37.34	60.00	-22.66	QP
12	13.581	19.78	9.75	29.53	50.00	-20.47	Average



Trace: 1

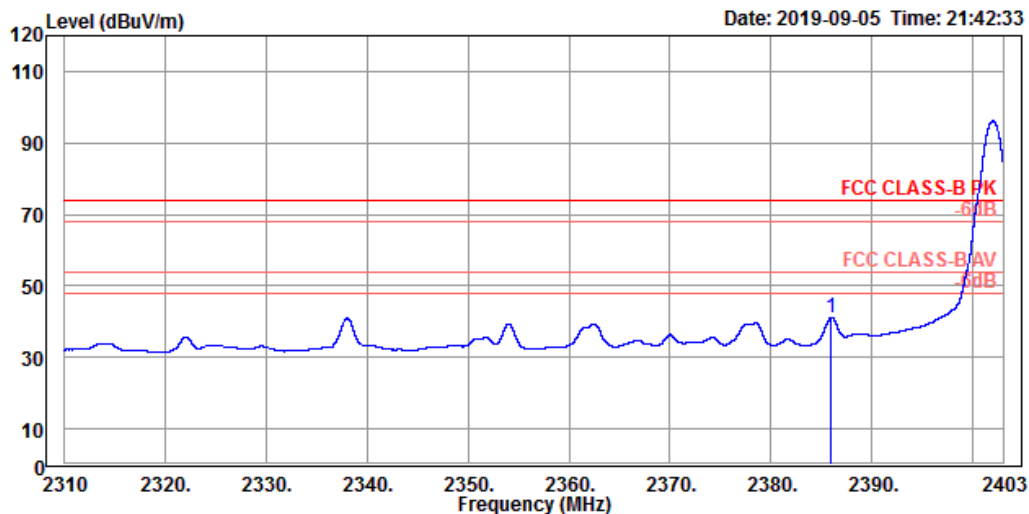
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : ANT+ Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.190	33.99	9.62	43.61	64.05	-20.44	QP
2	0.190	27.84	9.62	37.46	54.05	-16.59	Average
3	0.377	27.38	9.63	37.01	58.34	-21.33	QP
4	0.377	22.60	9.63	32.23	48.34	-16.11	Average
5	0.501	24.48	9.63	34.11	56.00	-21.89	QP
6	0.501	17.72	9.63	27.35	46.00	-18.65	Average
7	1.822	17.96	9.65	27.61	56.00	-28.39	QP
8	1.822	9.81	9.65	19.46	46.00	-26.54	Average
9	5.593	16.00	9.70	25.70	60.00	-34.30	QP
10	5.593	4.57	9.70	14.27	50.00	-35.73	Average
11	13.380	27.33	9.78	37.11	60.00	-22.89	QP
12	13.380	19.28	9.78	29.06	50.00	-20.94	Average

Spurious Emissions, Band Edges, 2.35-2.5G, Nordic Original

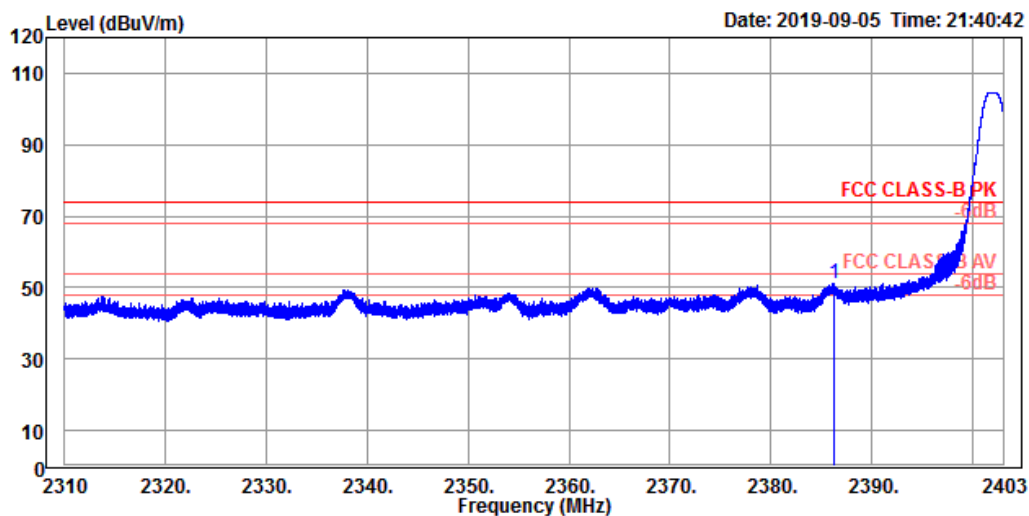


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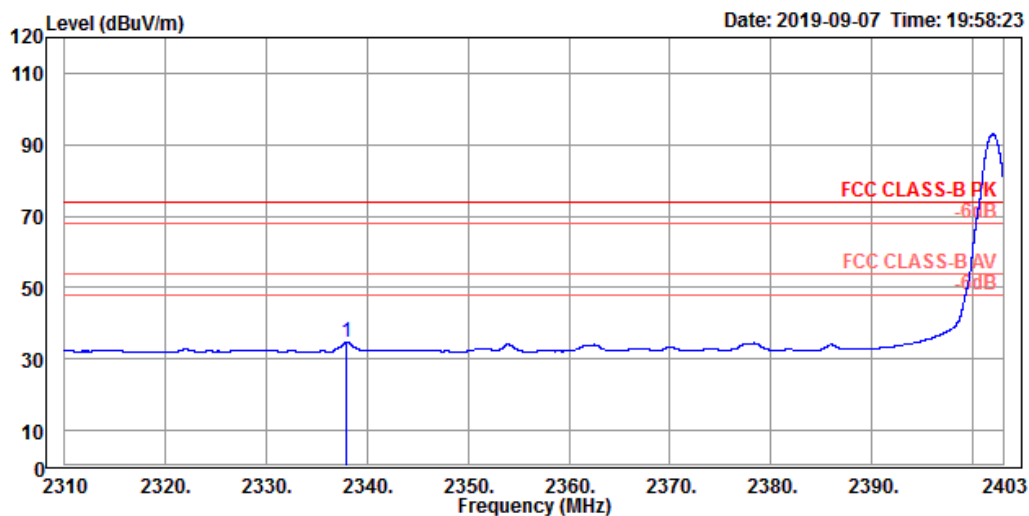
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Read	Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm deg
1 2385.995	47.18	-6.02	41.16	54.00	-12.84	181 160 Average



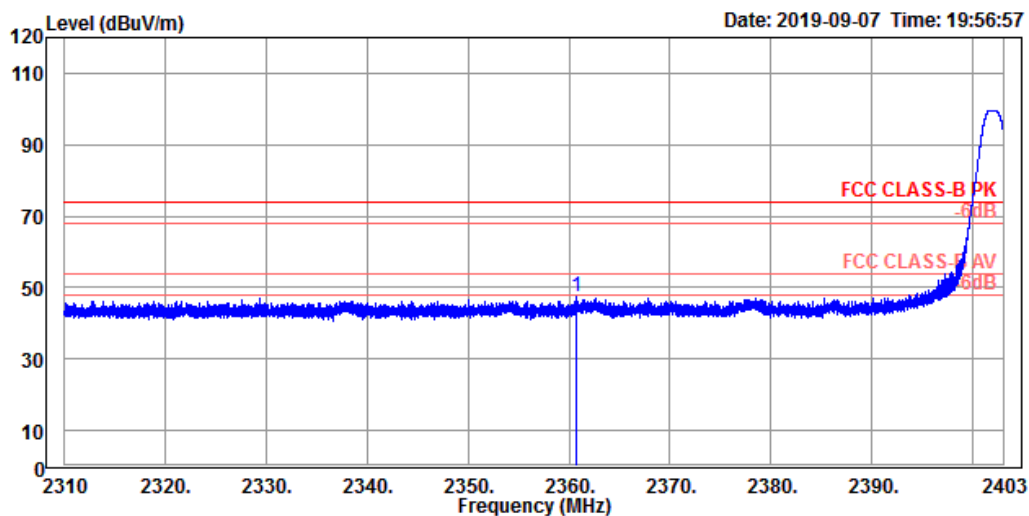
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2386.265	57.33	-6.02	51.31	74.00	-22.69	181	160	Peak



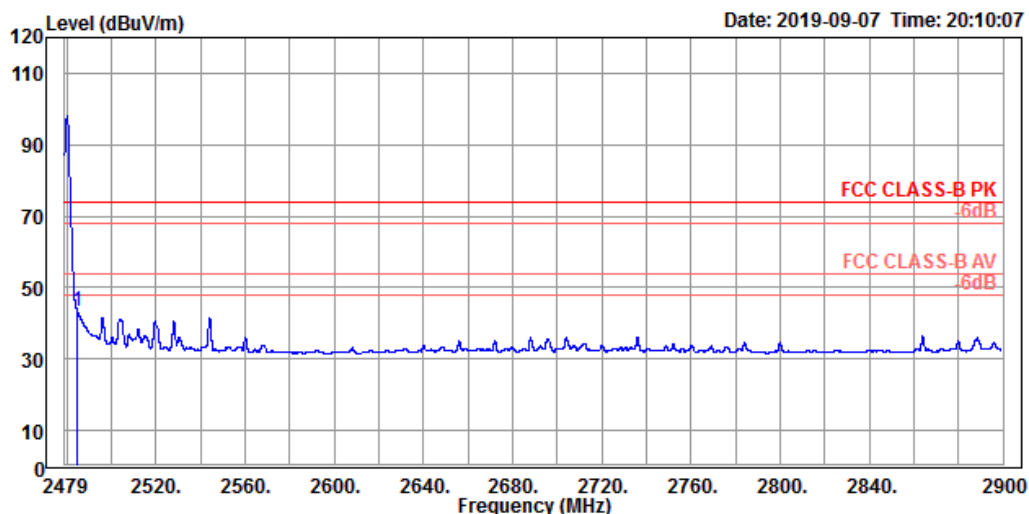
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2337.954	40.78	-6.03	34.75	54.00	-19.25	257	82	Average



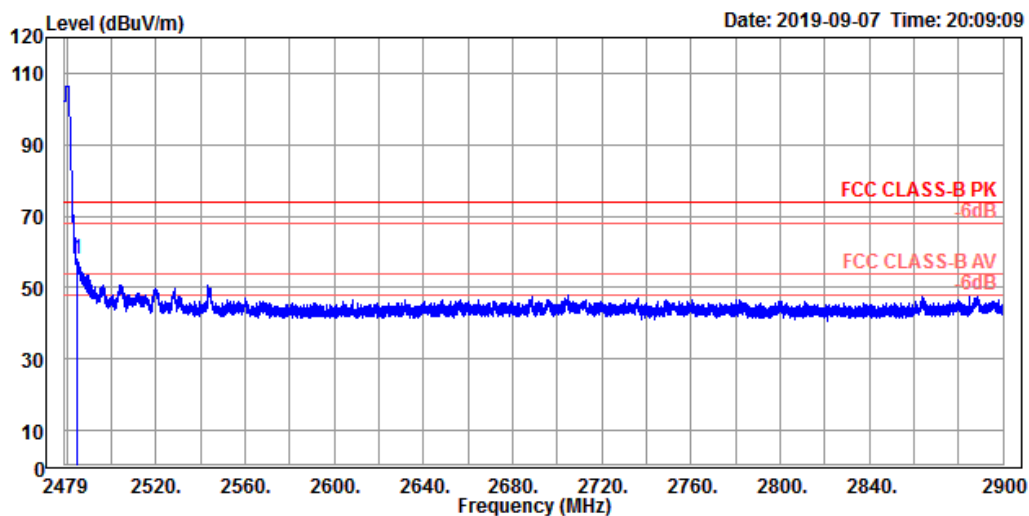
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2360.638	53.71	-6.03	47.68	74.00	-26.32	257	82	Peak



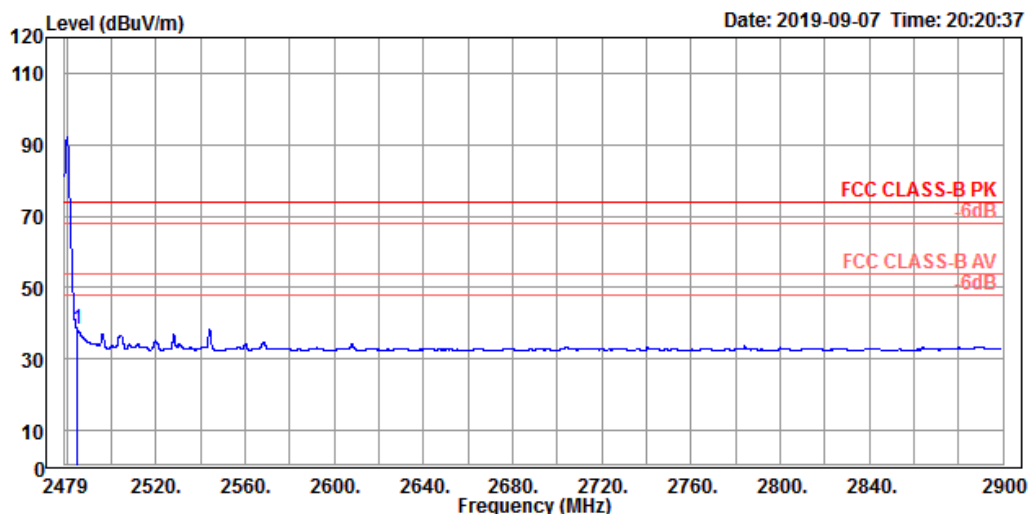
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2484.438	49.24	-5.72	43.52	54.00	-10.48	156	181	Average



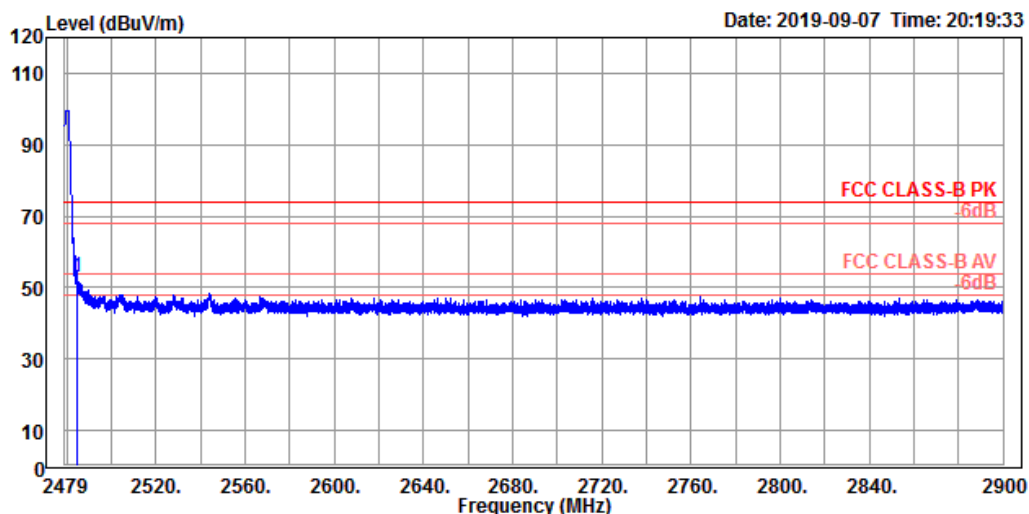
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2484.613	63.62	-5.72	57.90	74.00	-16.10	156	181	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2484.438	44.17	-5.72	38.45	54.00	-15.55	171	98	Average



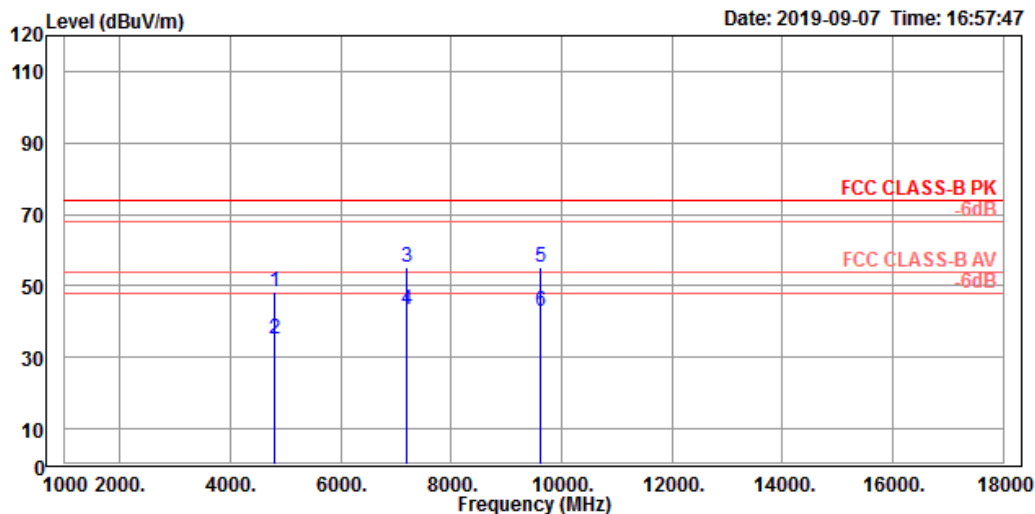
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2484.508	58.61	-5.72	52.89	74.00	-21.11	171	98	Peak

Spurious Emissions, TX Mode, 1-18G, Nordic Original

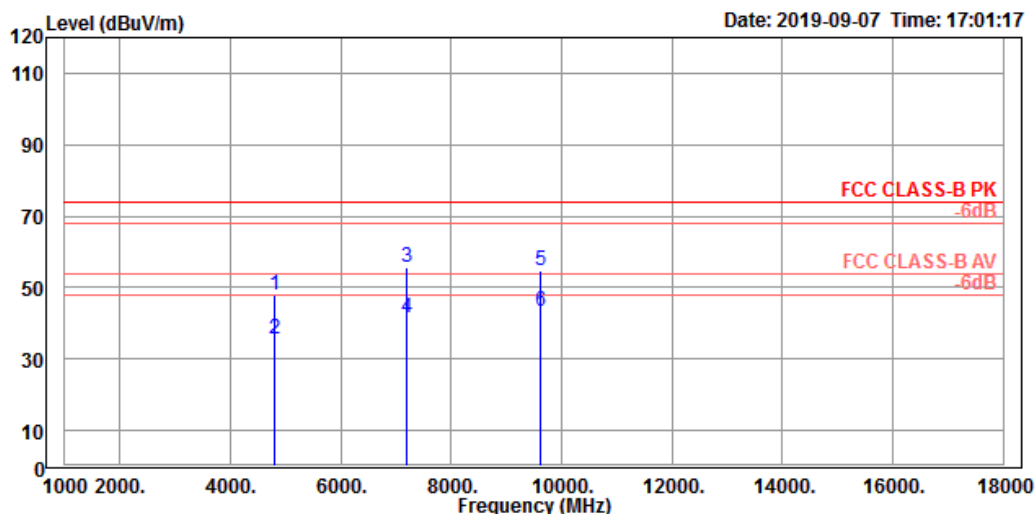


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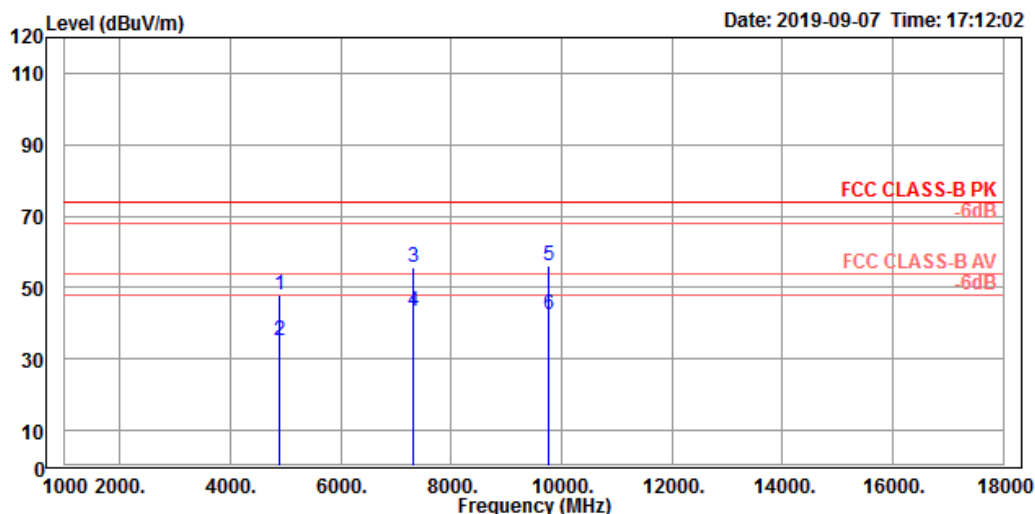
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	48.54	-0.23	48.31	74.00	-25.69	150	68 Peak
2	4804.000	35.49	-0.23	35.26	54.00	-18.74	150	68 Average
3	7206.000	46.61	8.40	55.01	74.00	-18.99	150	102 Peak
4	7206.000	35.17	8.40	43.57	54.00	-10.43	150	102 Average
5	9608.000	45.23	10.03	55.26	74.00	-18.74	150	92 Peak
6	9608.000	32.75	10.03	42.78	54.00	-11.22	150	92 Average



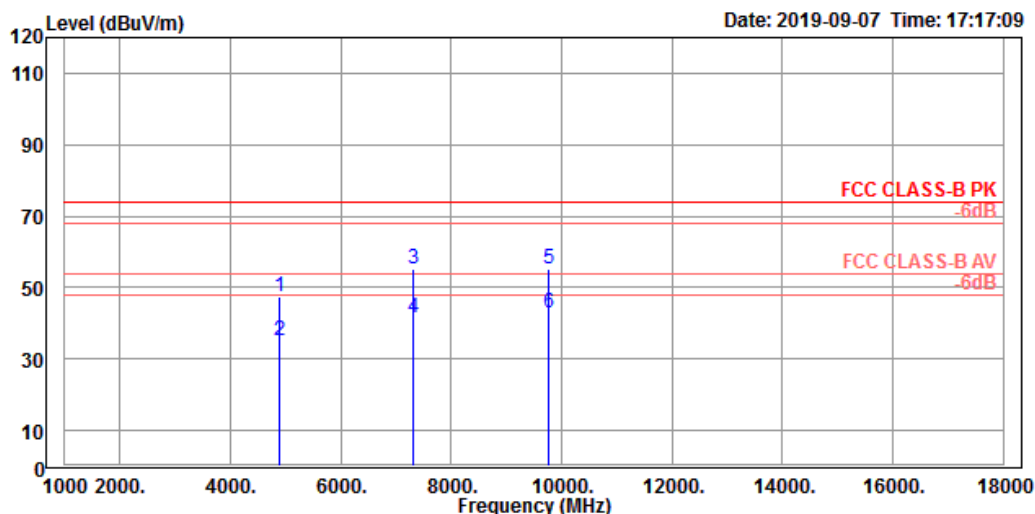
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4804.000	48.27	-0.23	48.04	74.00	-25.96	150	55	Peak
2	4804.000	36.03	-0.23	35.80	54.00	-18.20	150	55	Average
3	7206.000	47.14	8.40	55.54	74.00	-18.46	150	100	Peak
4	7206.000	33.05	8.40	41.45	54.00	-12.55	150	100	Average
5	9608.000	44.70	10.03	54.73	74.00	-19.27	150	68	Peak
6	9608.000	33.16	10.03	43.19	54.00	-10.81	150	68	Average



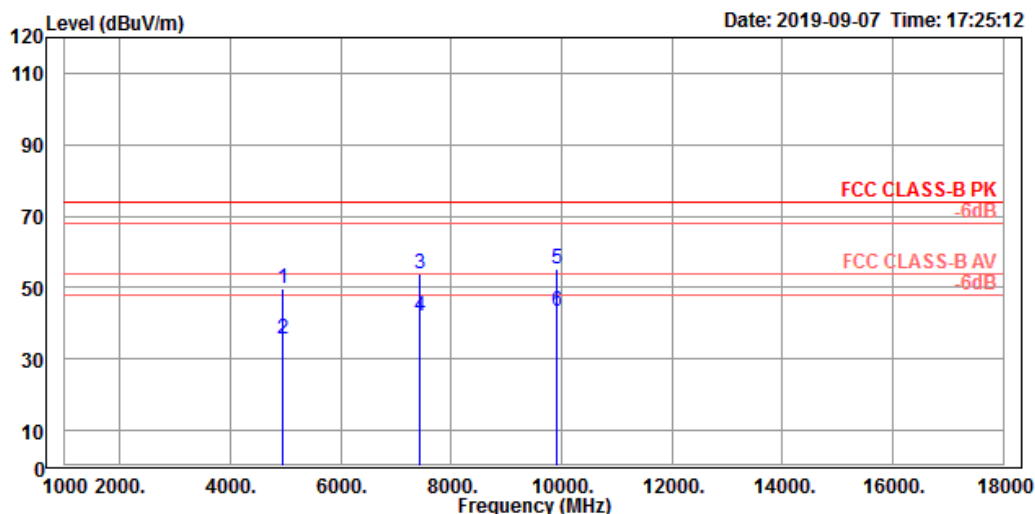
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	47.93	-0.09	47.84	74.00	-26.16	150	48	Peak
2	4882.000	35.05	-0.09	34.96	54.00	-19.04	150	48	Average
3	7323.000	46.86	8.66	55.52	74.00	-18.48	150	98	Peak
4	7323.000	34.57	8.66	43.23	54.00	-10.77	150	98	Average
5	9764.000	46.20	9.84	56.04	74.00	-17.96	150	120	Peak
6	9764.000	32.79	9.84	42.63	54.00	-11.37	150	120	Average



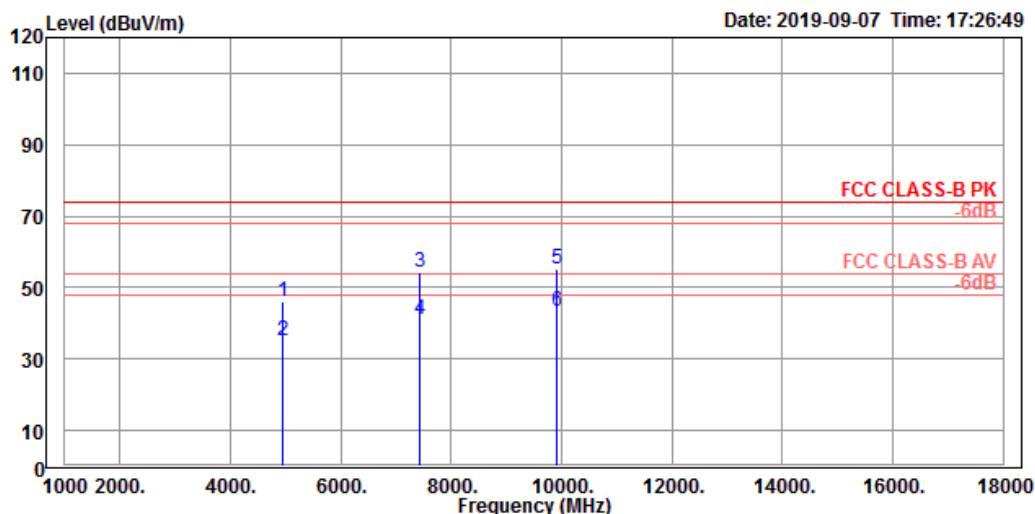
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	47.51	-0.09	47.42	74.00	-26.58	150	38	Peak
2	4882.000	35.26	-0.09	35.17	54.00	-18.83	150	38	Average
3	7323.000	46.59	8.66	55.25	74.00	-18.75	150	68	Peak
4	7323.000	32.85	8.66	41.51	54.00	-12.49	150	68	Average
5	9764.000	45.44	9.84	55.28	74.00	-18.72	150	103	Peak
6	9764.000	32.84	9.84	42.68	54.00	-11.32	150	103	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	49.47	0.07	49.54	74.00	-24.46	150	64	Peak
2	4960.000	35.45	0.07	35.52	54.00	-18.48	150	64	Average
3	7440.000	44.69	9.01	53.70	74.00	-20.30	150	86	Peak
4	7440.000	32.74	9.01	41.75	54.00	-12.25	150	86	Average
5	9920.000	45.64	9.64	55.28	74.00	-18.72	150	99	Peak
6	9920.000	33.84	9.64	43.48	54.00	-10.52	150	99	Average



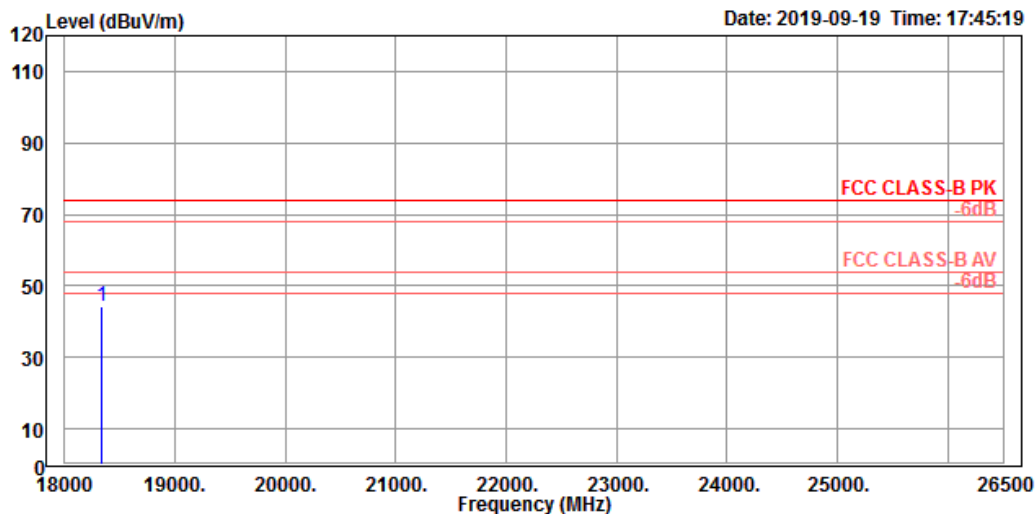
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4960.000	46.22	0.07	46.29	74.00	-27.71	150	38	Peak
2	4960.000	35.08	0.07	35.15	54.00	-18.85	150	38	Average
3	7440.000	45.18	9.01	54.19	74.00	-19.81	150	77	Peak
4	7440.000	32.25	9.01	41.26	54.00	-12.74	150	77	Average
5	9920.000	45.67	9.64	55.31	74.00	-18.69	150	140	Peak
6	9920.000	33.91	9.64	43.55	54.00	-10.45	150	140	Average

Spurious Emissions, TX Mode, 18-26G, Nordic Original

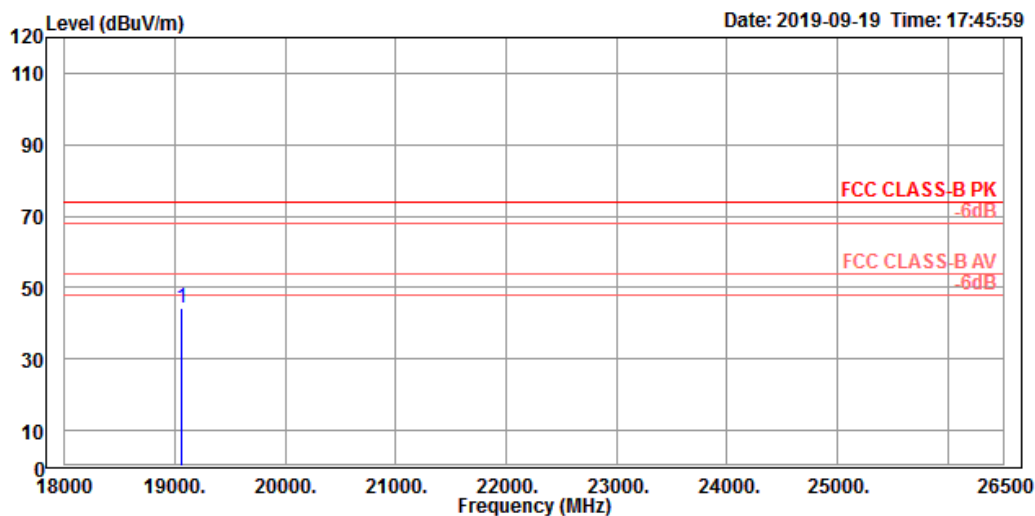


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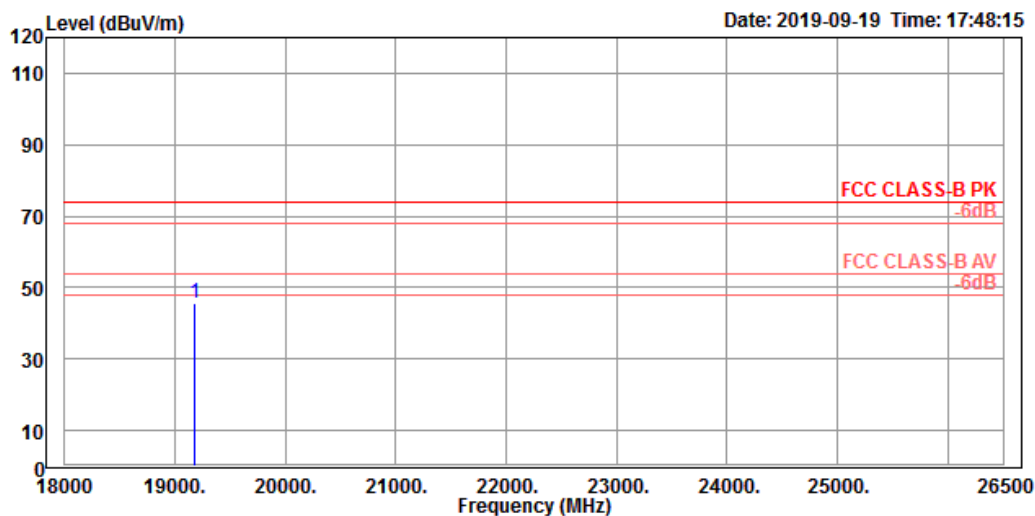
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Read	Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm deg
1 18335.040	46.80	-2.32	44.48	74.00	-29.52	106 99 Peak



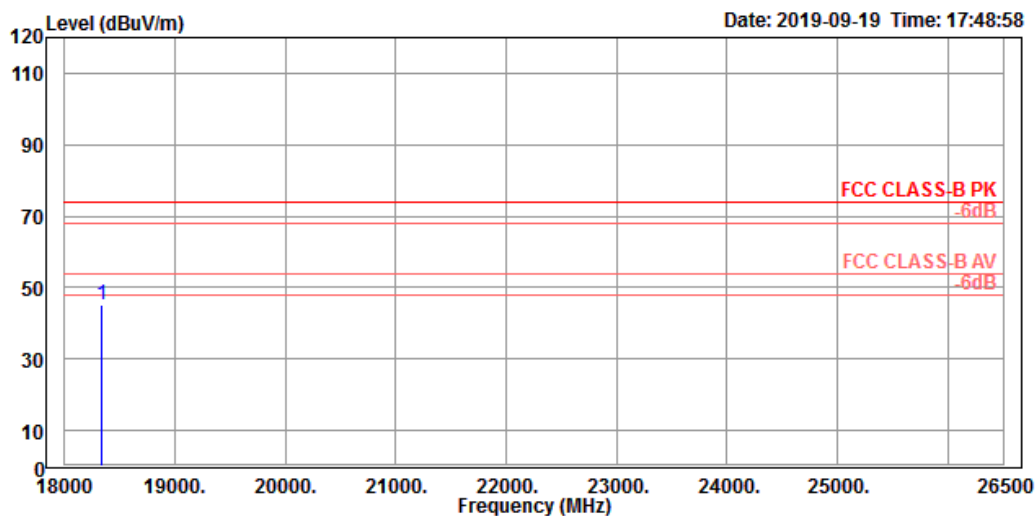
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2402MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 19059.670	46.53	-2.08	44.45	74.00	-29.55	122	169	Peak



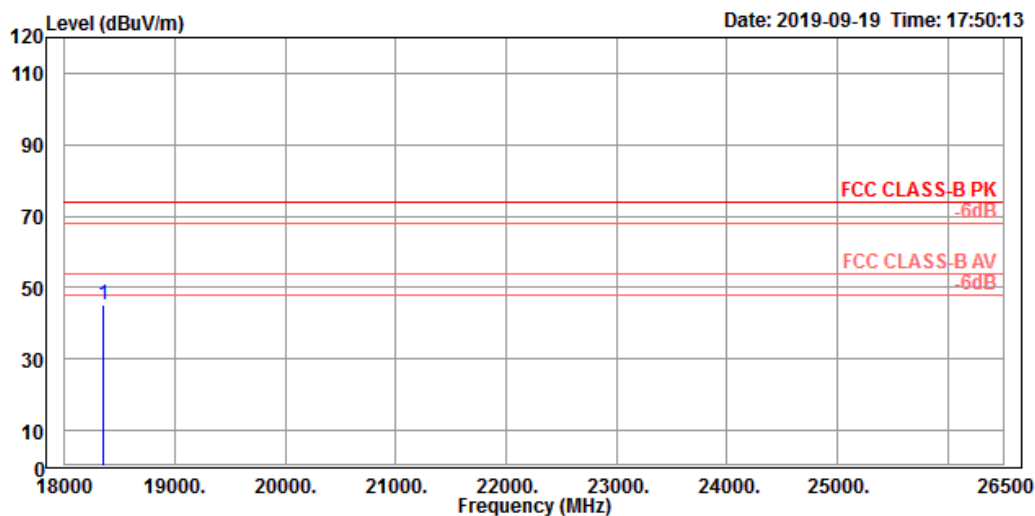
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19169.460	47.61	-1.84	45.77	74.00	-28.23	188	56	Peak



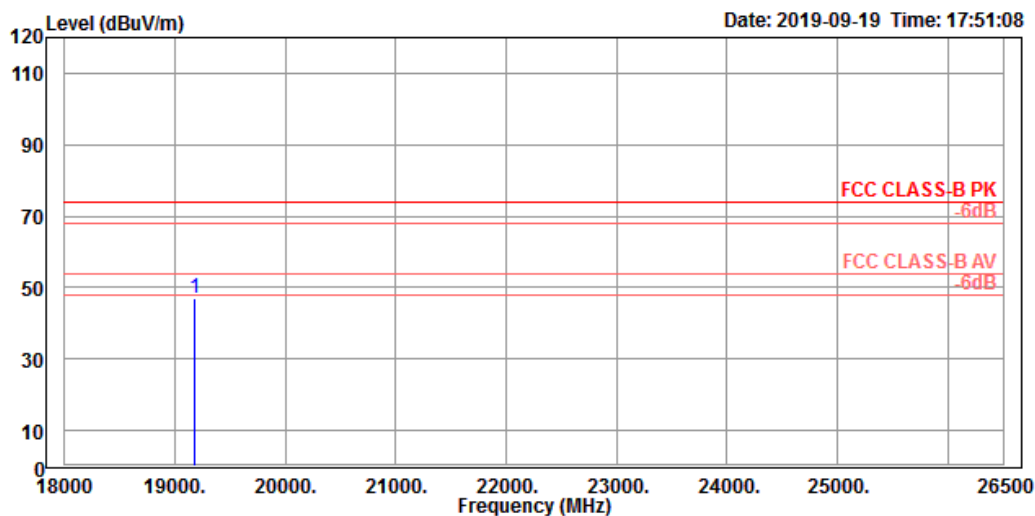
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18330.080	47.28	-2.31	44.97	74.00	-29.03	180	122	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 18342.130	47.68	-2.32	45.36	74.00	-28.64	166	251	Peak



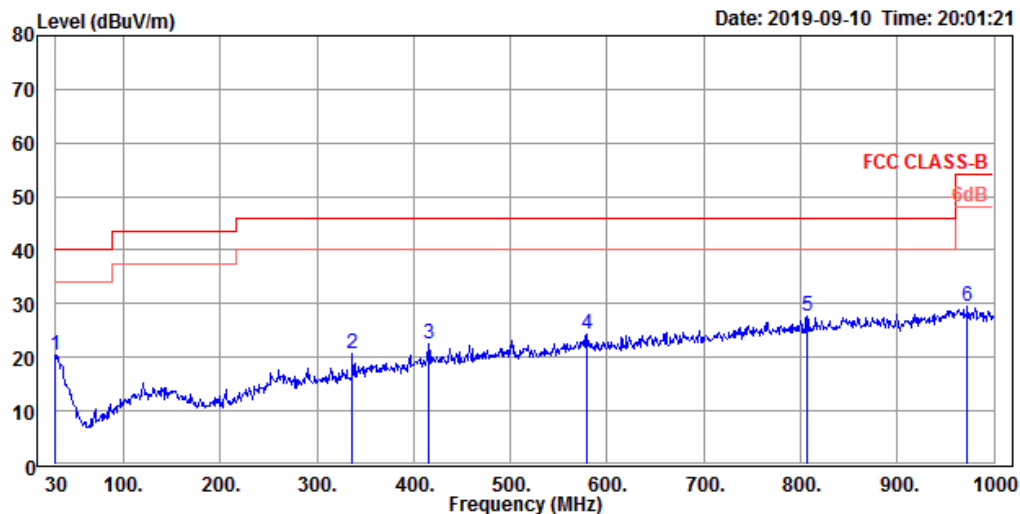
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2480MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	19181.500	48.95	-1.80	47.15	74.00	-26.85	163	56	Peak

Spurious Emissions, TX Mode, 30M-1G, Nordic Original

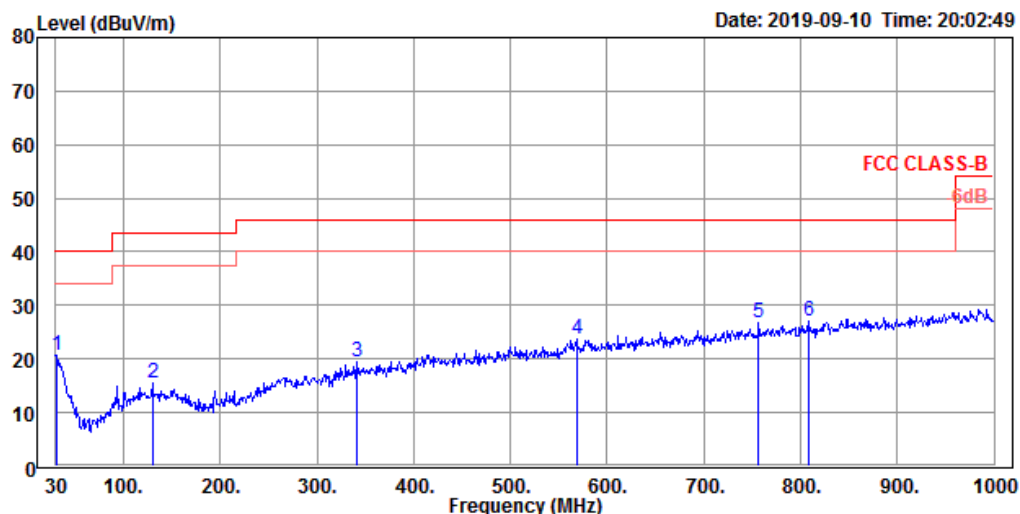


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Read			Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit			Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	31.80	-11.29	20.51	40.00	-19.49	100	19 QP
2	336.520	35.79	-15.21	20.58	46.00	-25.42	100	29 QP
3	415.090	35.34	-12.97	22.37	46.00	-23.63	100	360 QP
4	579.020	34.55	-10.36	24.19	46.00	-21.81	100	214 QP
5	806.970	35.17	-7.52	27.65	46.00	-18.35	100	360 QP
6	972.840	34.31	-4.73	29.58	54.00	-24.42	100	12 QP



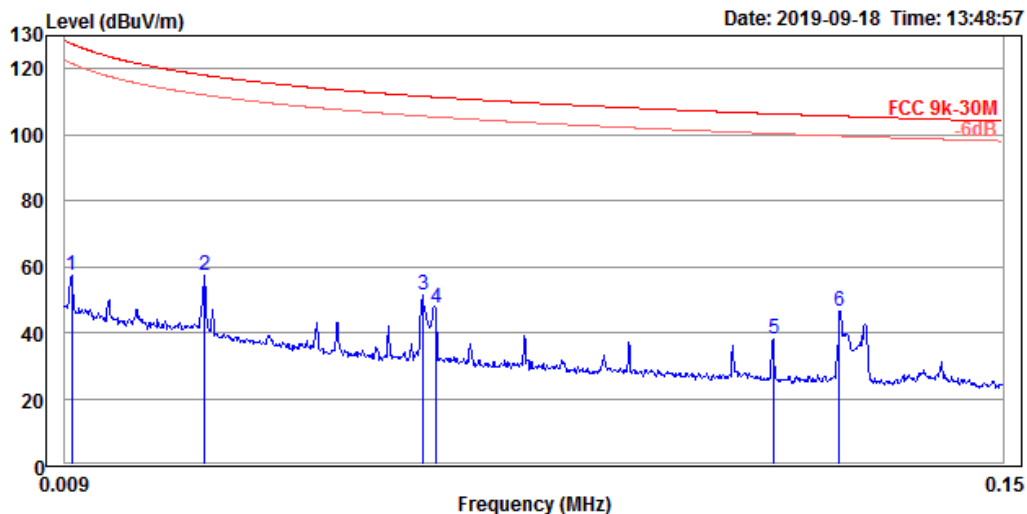
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.970	32.48	-11.67	20.81	40.00	-19.19	100	359	QP
2	129.910	33.60	-18.14	15.46	43.50	-28.04	100	312	QP
3	341.370	34.38	-15.02	19.36	46.00	-26.64	100	360	QP
4	568.350	34.03	-10.40	23.63	46.00	-22.37	100	77	QP
5	756.530	34.69	-7.95	26.74	46.00	-19.26	100	57	QP
6	807.940	34.60	-7.50	27.10	46.00	-18.90	100	158	QP

Spurious Emissions, TX Mode, 9k-30M, Nordic Original

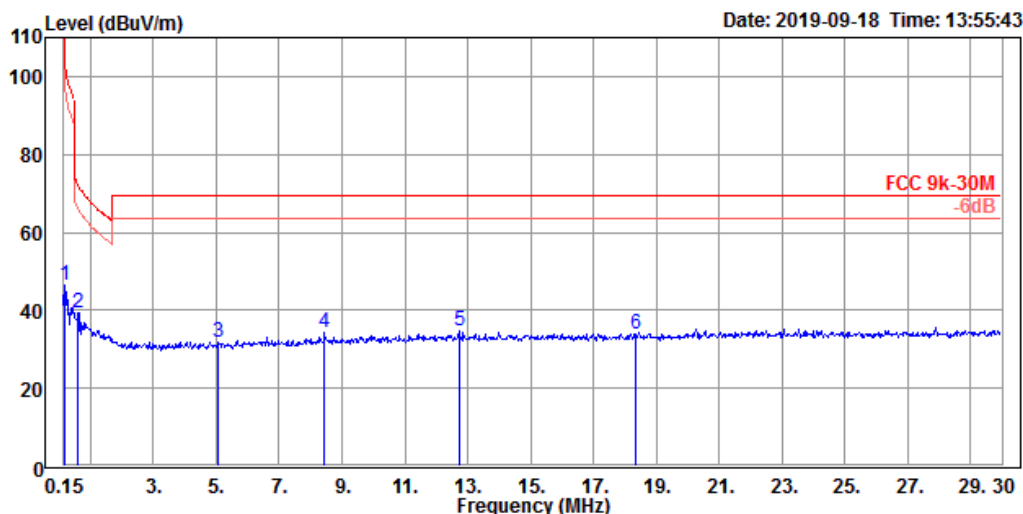


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read	Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.010	39.17	18.03	57.20	127.60	-70.40	100 102 QP
2	0.030	38.49	18.94	57.43	118.05	-60.62	100 304 QP
3	0.063	32.70	18.54	51.24	111.65	-60.41	100 118 QP
4	0.065	28.98	18.50	47.48	111.38	-63.90	100 164 QP
5	0.115	20.54	17.71	38.25	106.35	-68.10	100 142 QP
6	0.125	28.82	17.75	46.57	105.63	-59.06	100 110 QP



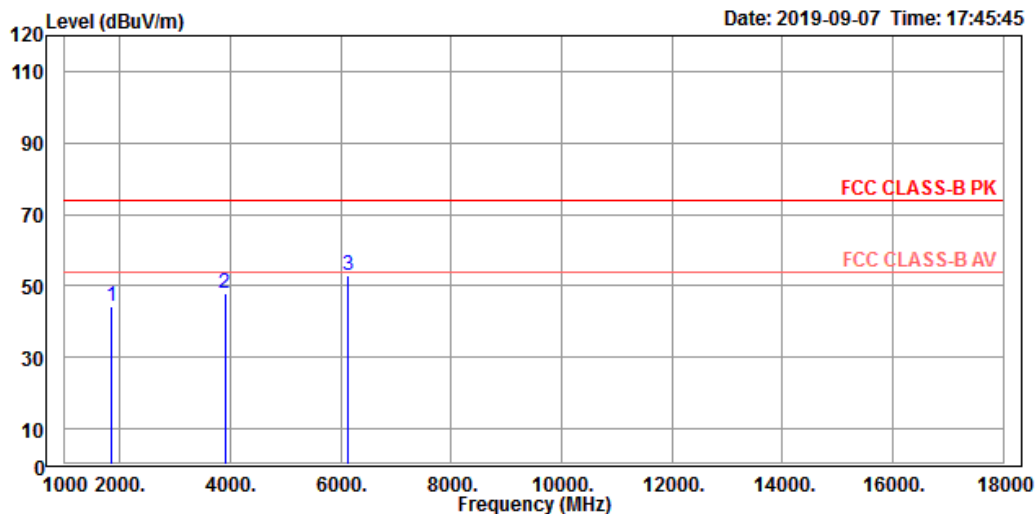
Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Power setting: 8
Memo : Nordic Original_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	28.40	17.97	46.37	102.50	-56.13	100	167	QP
2	0.598	20.92	18.42	39.34	72.08	-32.74	100	161	QP
3	5.075	12.41	19.31	31.72	69.50	-37.78	100	130	QP
4	8.448	14.19	20.01	34.20	69.50	-35.30	100	249	QP
5	12.717	13.97	20.60	34.57	69.50	-34.93	100	221	QP
6	18.359	12.88	21.15	34.03	69.50	-35.47	100	314	QP

Spurious Emissions, RX Mode, 1-18G, Nordic Original

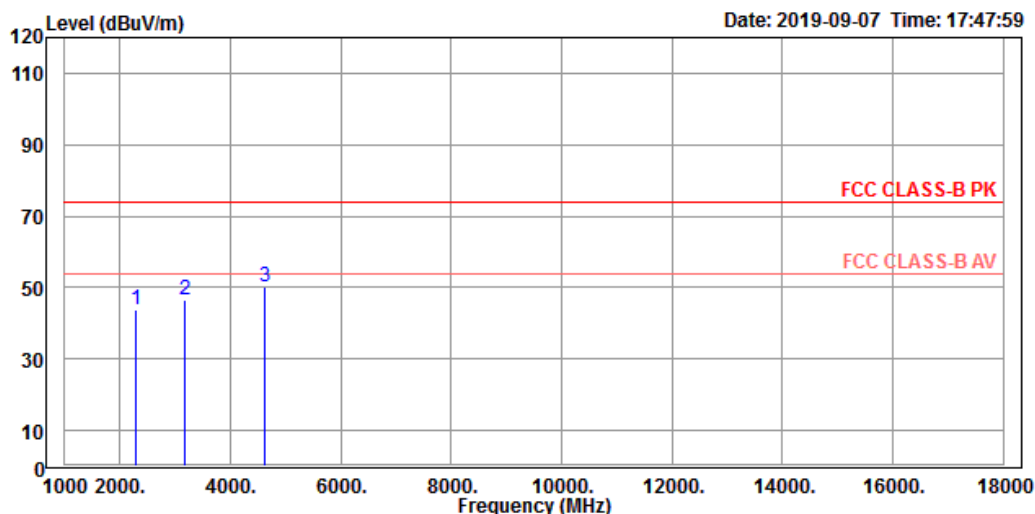


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	1855.100	50.90	-6.83	44.07	74.00	-29.93	123 25 Peak
2	3898.500	50.81	-2.85	47.96	74.00	-26.04	145 48 Peak
3	6140.800	46.47	6.67	53.14	74.00	-20.86	204 98 Peak



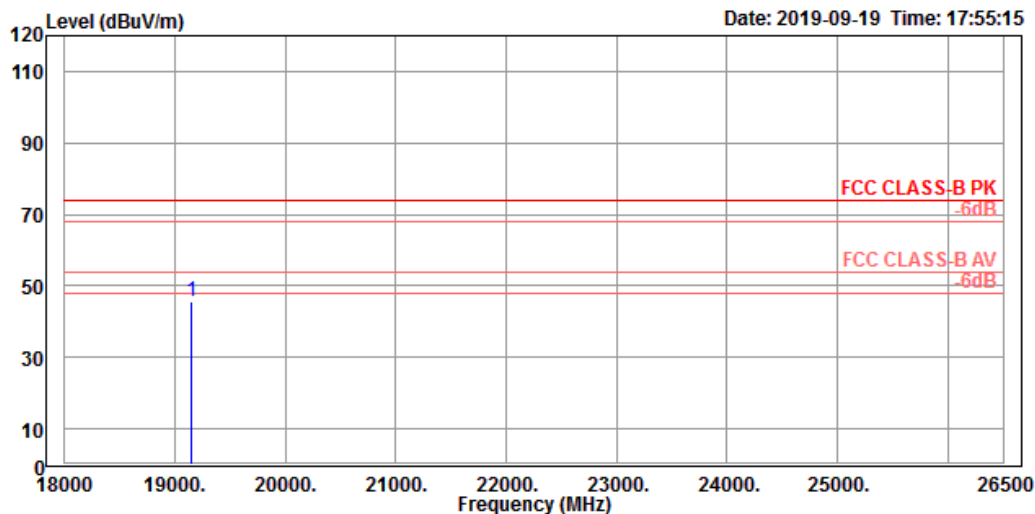
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2286.900	49.79	-6.18	43.61	74.00	-30.39	112	56	Peak
2	3182.800	50.59	-4.22	46.37	74.00	-27.63	163	69	Peak
3	4626.100	50.96	-0.56	50.40	74.00	-23.60	150	123	Peak

Spurious Emissions, RX Mode, 18-26G, Nordic Original

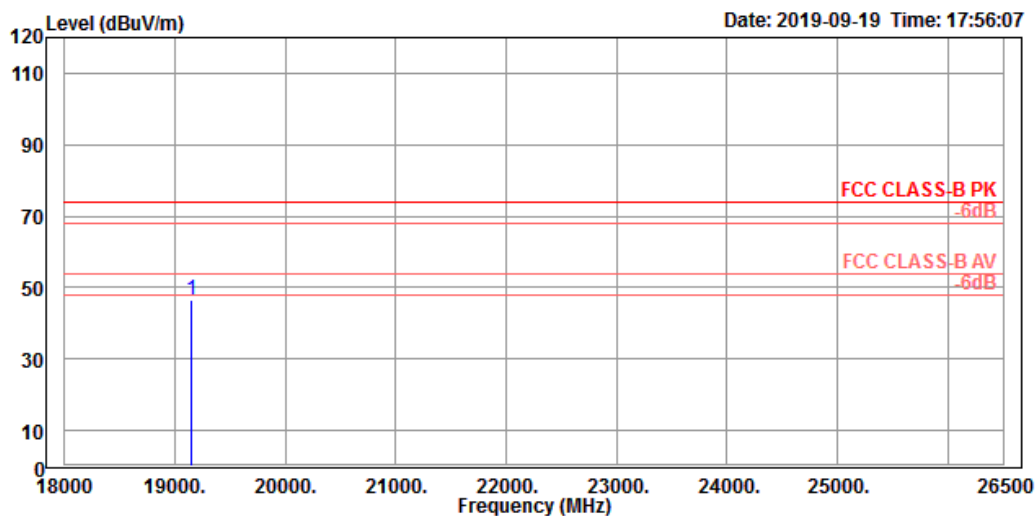


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

	Read		Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit		Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1 19146.790	47.41	-1.89	45.52	74.00	-28.48	156	23 Peak



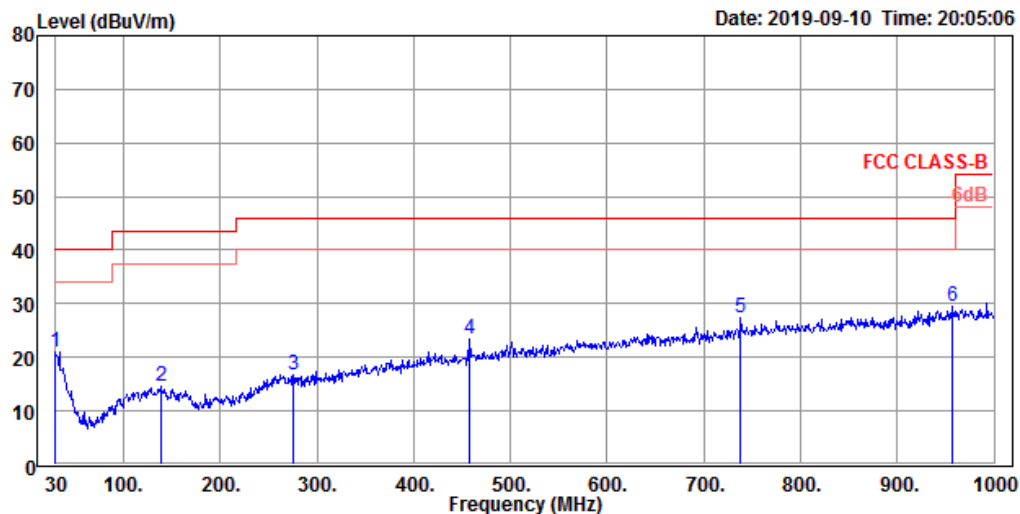
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Simon
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

Freq	Read		Limit		Over	APos	TPos	Remark
	Level	Factor	Level	Line				
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 19144.670	48.62	-1.89	46.73	74.00	-27.27	132	98	Peak

Spurious Emissions, RX Mode, 30M-1G, Nordic Original

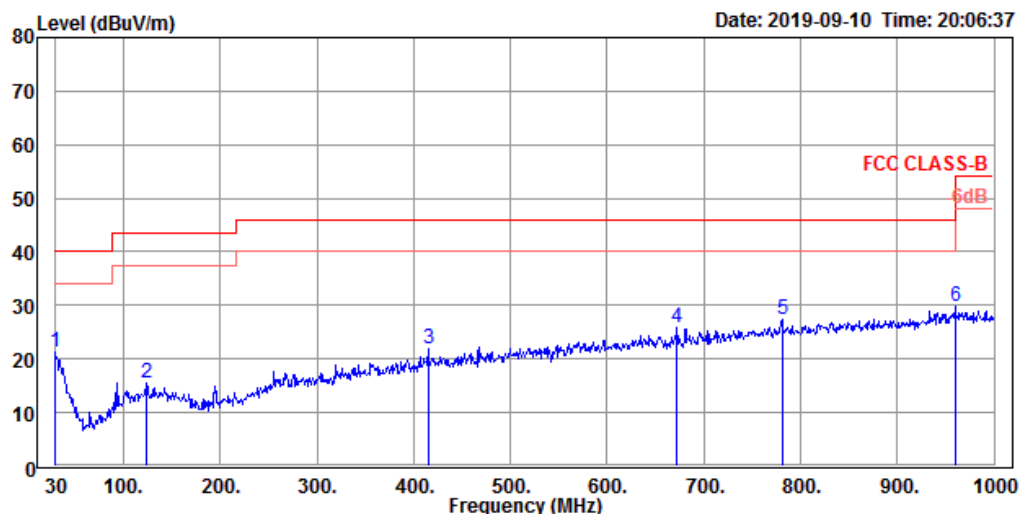


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	30.000	32.41	-11.29	21.12	40.00	-18.88	100 3 QP
2	138.640	32.65	-18.19	14.46	43.50	-29.04	100 0 QP
3	275.410	33.37	-16.58	16.79	46.00	-29.21	100 357 QP
4	457.770	35.91	-12.63	23.28	46.00	-22.72	100 242 QP
5	738.100	35.49	-8.20	27.29	46.00	-18.71	100 34 QP
6	956.350	34.32	-4.81	29.51	46.00	-16.49	100 232 QP



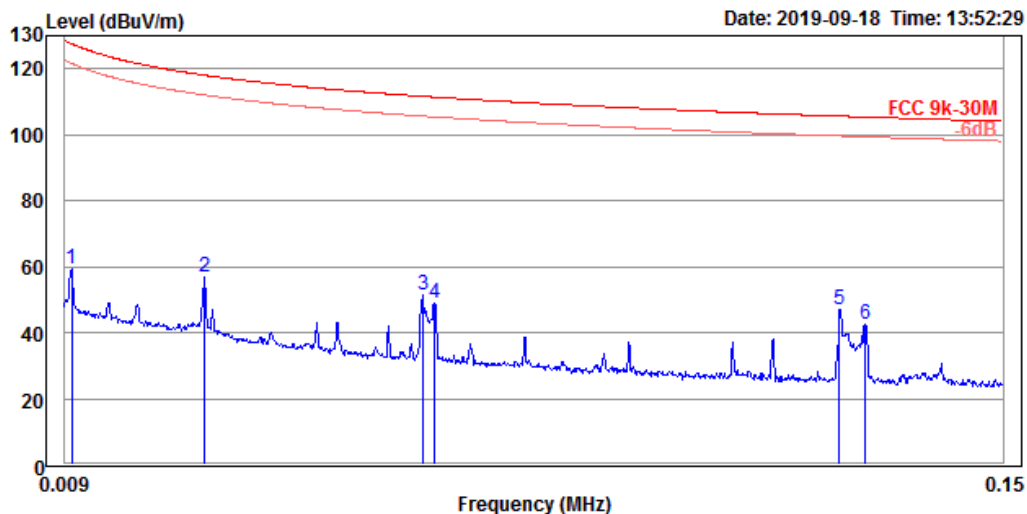
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	32.68	-11.29	21.39	40.00	-18.61	100	268	QP
2	124.090	33.92	-18.28	15.64	43.50	-27.86	100	352	QP
3	415.090	34.75	-12.97	21.78	46.00	-24.22	100	49	QP
4	672.140	34.95	-9.25	25.70	46.00	-20.30	100	355	QP
5	780.780	35.23	-7.72	27.51	46.00	-18.49	100	0	QP
6	960.230	34.38	-4.64	29.74	54.00	-24.26	100	64	QP

Spurious Emissions, RX Mode, 9K-30M, Nordic Original

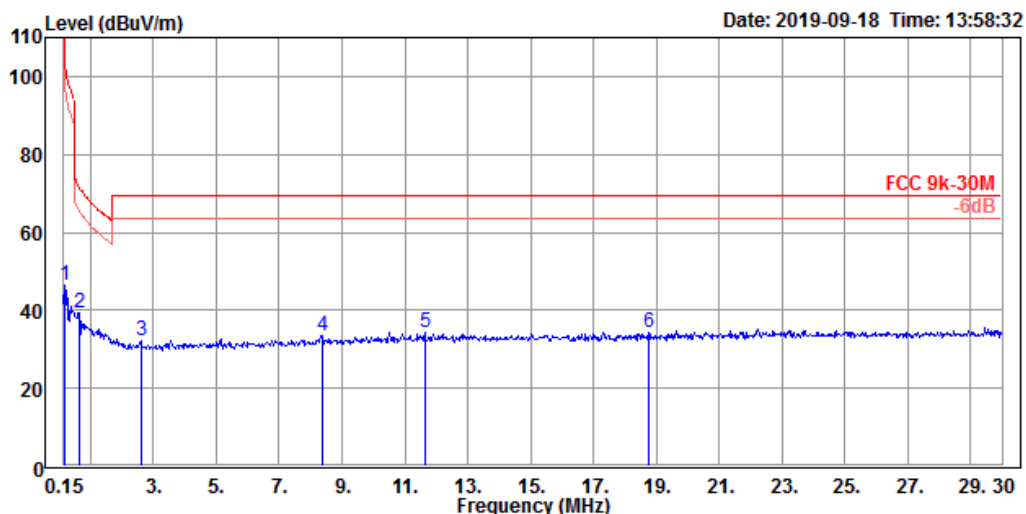


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	0.010	41.04	18.03	59.07	127.60	-68.53	100 167 QP
2	0.030	38.08	18.94	57.02	118.05	-61.03	100 104 QP
3	0.063	32.69	18.54	51.23	111.65	-60.42	100 223 QP
4	0.065	30.37	18.50	48.87	111.40	-62.53	100 219 QP
5	0.125	29.09	17.75	46.84	105.63	-58.79	100 162 QP
6	0.129	24.90	17.77	42.67	105.37	-62.70	100 175 QP

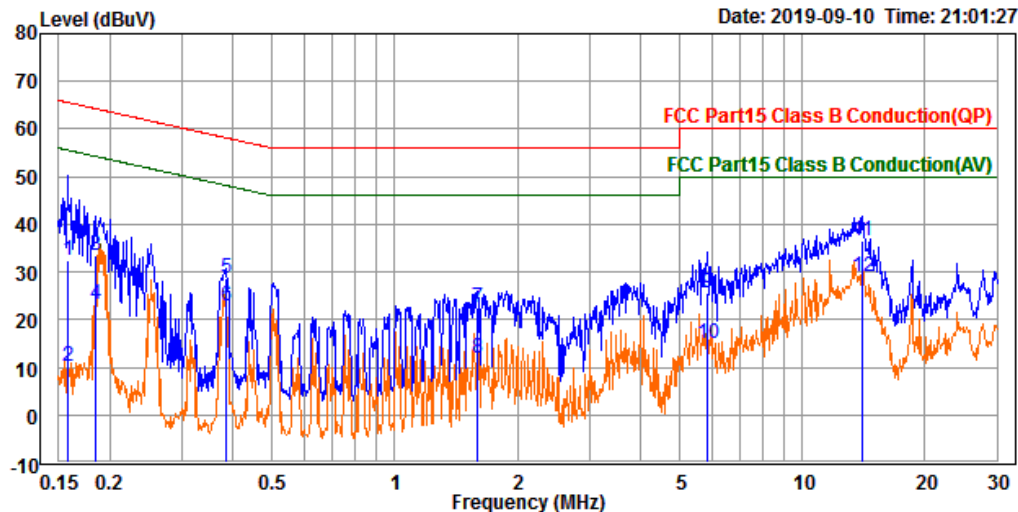


Site : 966B Chamber B
Condition : FCC 9k-30M 3m vertical
Test Engineer: Amy Hsu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 22 °C / 48 %
Memo : Nordic Original_RX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.180	28.52	17.97	46.49	102.50	-56.01	100	201	QP
2	0.628	21.02	18.43	39.45	71.66	-32.21	100	196	QP
3	2.598	13.77	18.56	32.33	69.50	-37.17	100	174	QP
4	8.359	13.54	19.99	33.53	69.50	-35.97	100	249	QP
5	11.642	13.61	20.50	34.11	69.50	-35.39	100	234	QP
6	18.776	13.26	21.19	34.45	69.50	-35.05	100	203	QP



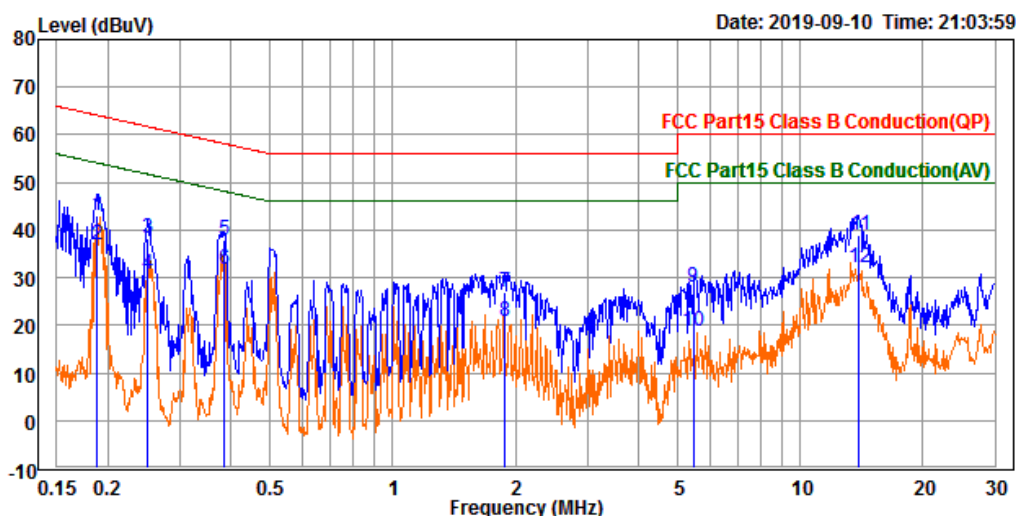
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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : Nordic Original Normal Operation

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.158	22.86	9.61	32.47	65.59	-33.12	QP
2	0.158	0.50	9.61	10.11	55.59	-45.48	Average
3	0.184	23.77	9.61	33.38	64.30	-30.92	QP
4	0.184	13.41	9.61	23.02	54.30	-31.28	Average
5	0.387	19.12	9.62	28.74	58.13	-29.39	QP
6	0.387	13.30	9.62	22.92	48.13	-25.21	Average
7	1.593	12.96	9.64	22.60	56.00	-33.40	QP
8	1.593	2.33	9.64	11.97	46.00	-34.03	Average
9	5.849	15.94	9.69	25.63	60.00	-34.37	QP
10	5.849	5.41	9.69	15.10	50.00	-34.90	Average
11	13.994	26.73	9.75	36.48	60.00	-23.52	QP
12	13.994	19.21	9.75	28.96	50.00	-21.04	Average



Trace: 1

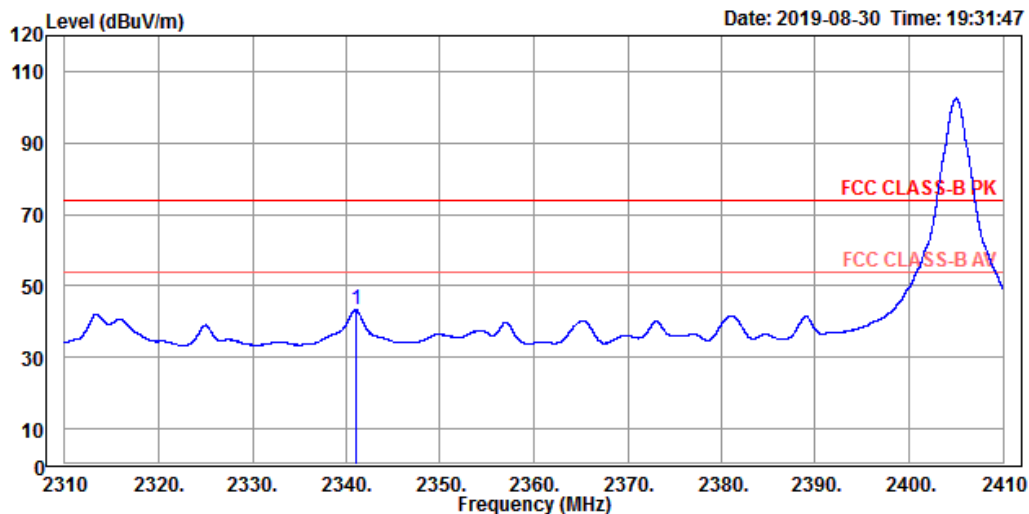
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : Nordic Original Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.189	33.47	9.62	43.09	64.10	-21.01	QP
2	0.189	27.14	9.62	36.76	54.10	-17.34	Average
3	0.251	28.51	9.62	38.13	61.74	-23.61	QP
4	0.251	21.10	9.62	30.72	51.74	-21.02	Average
5	0.387	28.21	9.63	37.84	58.13	-20.29	QP
6	0.387	21.97	9.63	31.60	48.13	-16.53	Average
7	1.877	17.27	9.65	26.92	56.00	-29.08	QP
8	1.877	11.08	9.65	20.73	46.00	-25.27	Average
9	5.455	18.13	9.70	27.83	60.00	-32.17	QP
10	5.455	8.97	9.70	18.67	50.00	-31.33	Average
11	13.924	29.15	9.78	38.93	60.00	-21.07	QP
12	13.924	22.34	9.78	32.12	50.00	-17.88	Average

Spurious Emissions, Band Edges, 2.35-2.5G, IEEE802.15.4

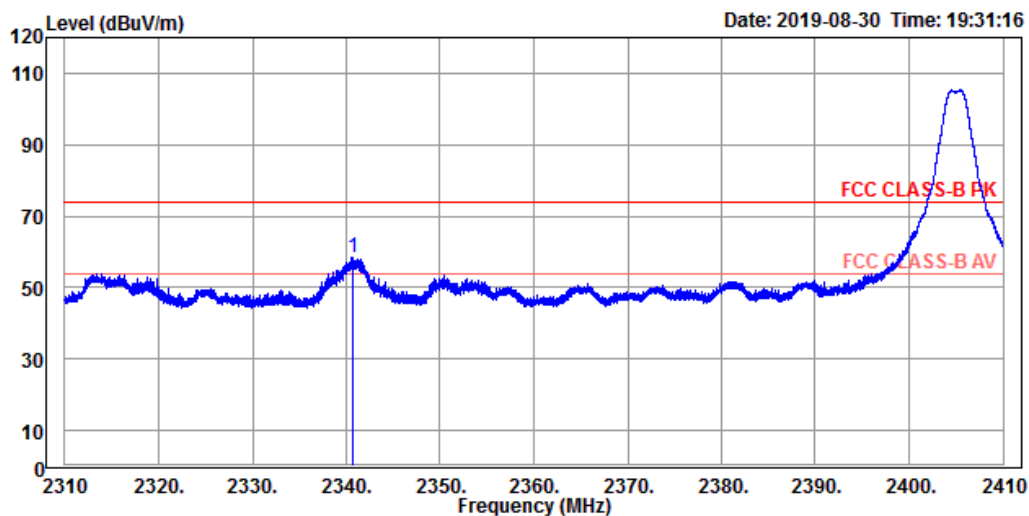


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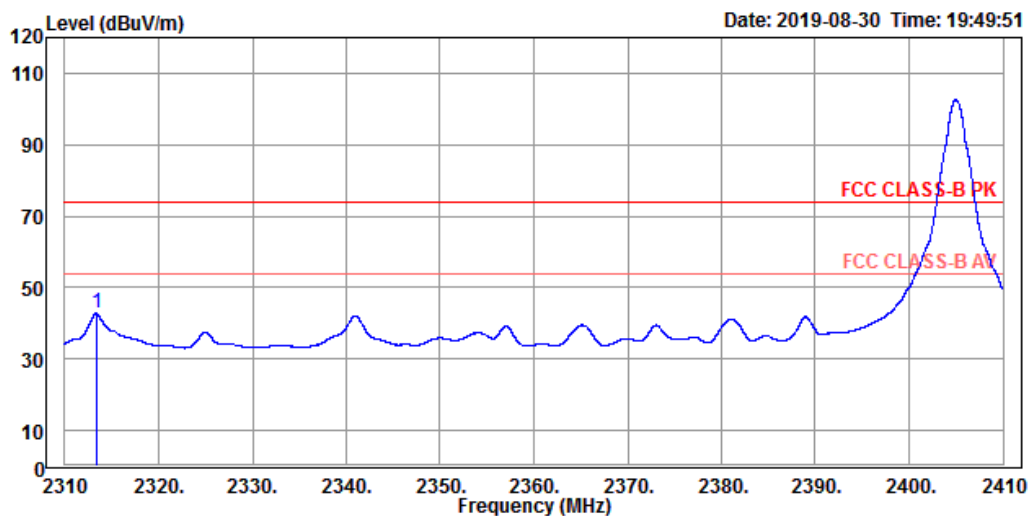
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read Level	Factor	Limit Level	Over Line	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	2341.023	45.41	-2.01	43.40	54.00	-10.60	186	125 Average



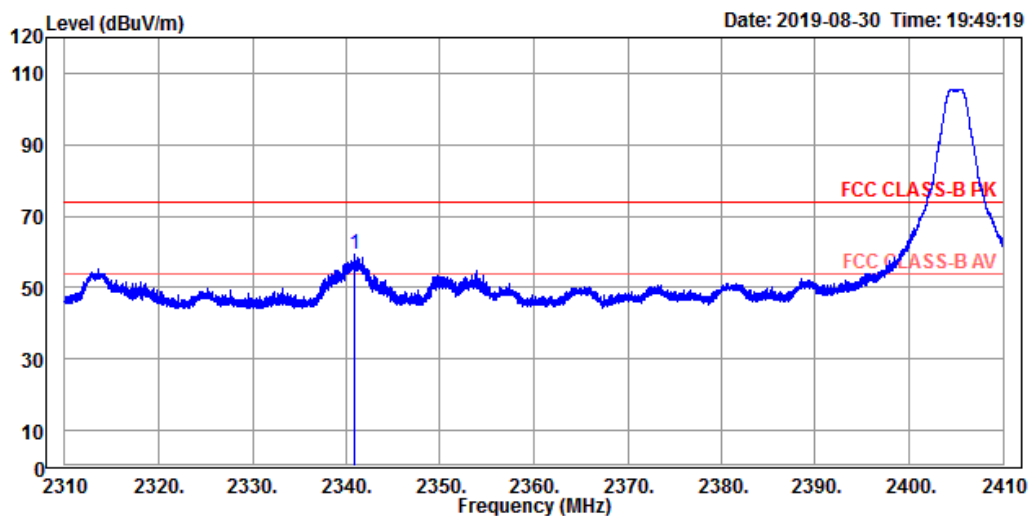
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m HORIZONTAL
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2340.643	60.32	-2.01	58.31	74.00	-15.69	186	125	Peak



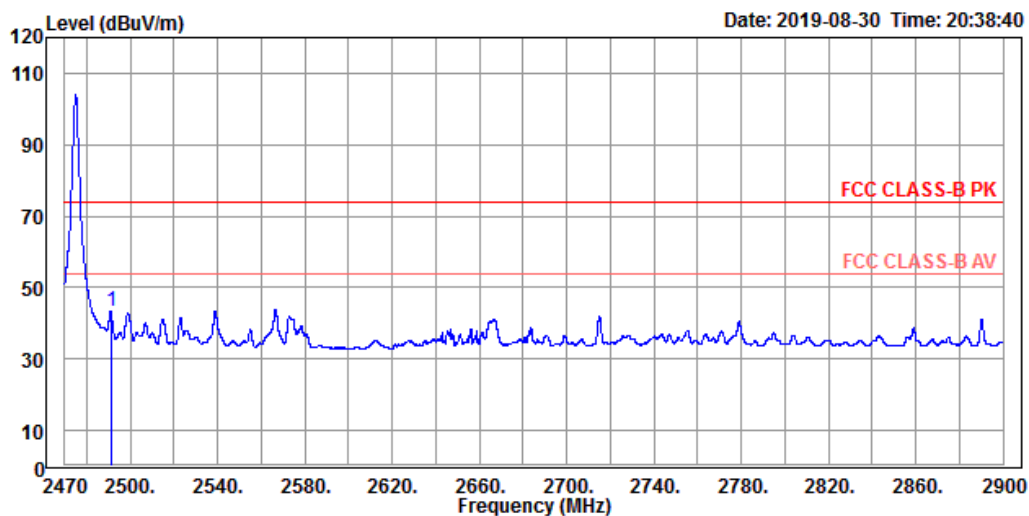
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2313.380	44.98	-2.19	42.79	54.00	-11.21	278	173	Average



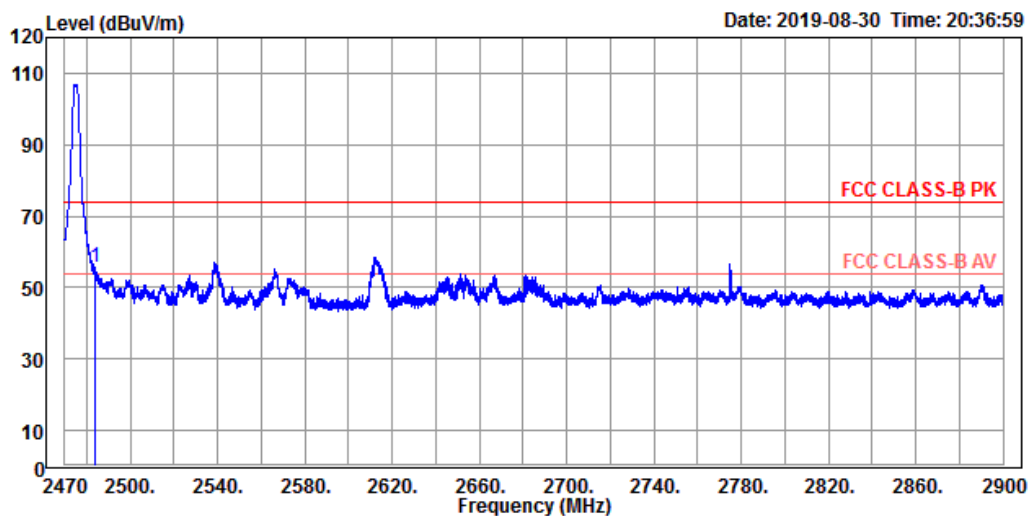
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2340.853	61.38	-2.01	59.37	74.00	-14.63	278	173	Peak



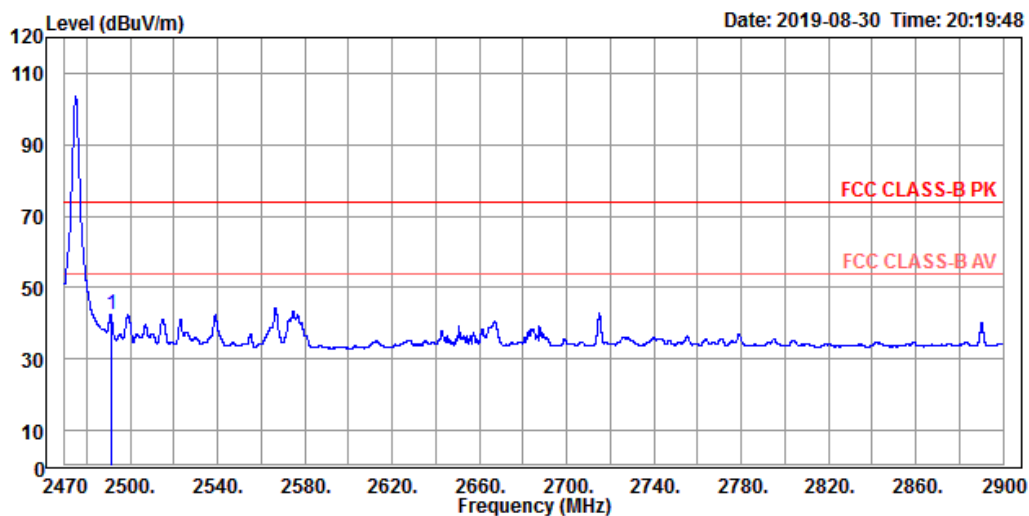
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2490.986	44.87	-1.59	43.28	54.00	-10.72	216	202	Average



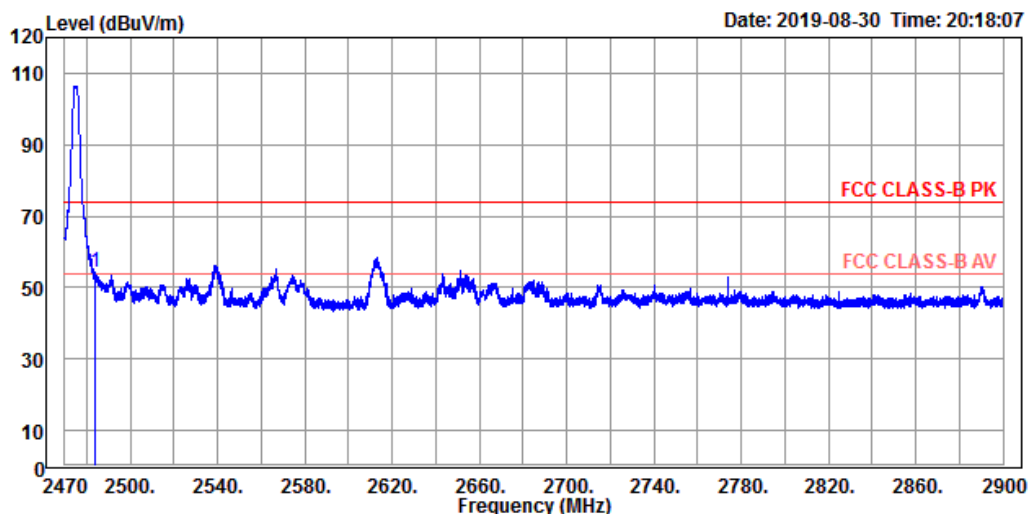
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.503	57.31	-1.60	55.71	74.00	-18.29	216	202	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2491.029	44.18	-1.59	42.59	74.00	-31.41	266	173	Peak



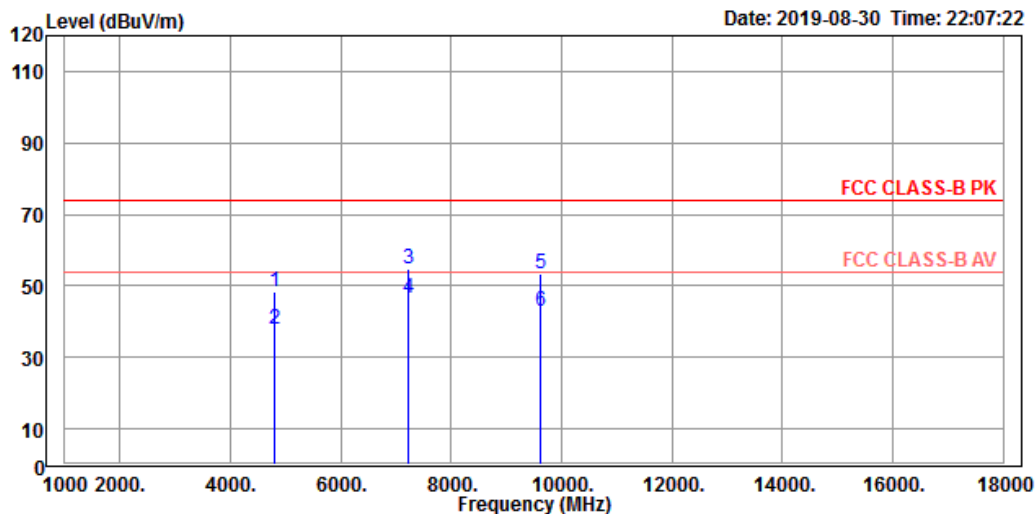
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.632	55.93	-1.60	54.33	74.00	-19.67	266	173	Peak

Spurious Emissions, TX Mode, 1-18G, IEEE802.15.4

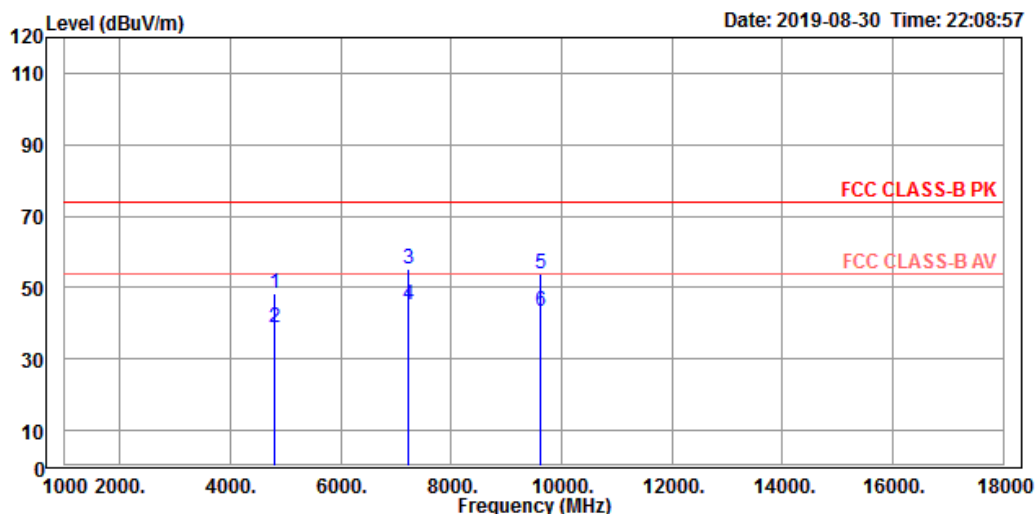


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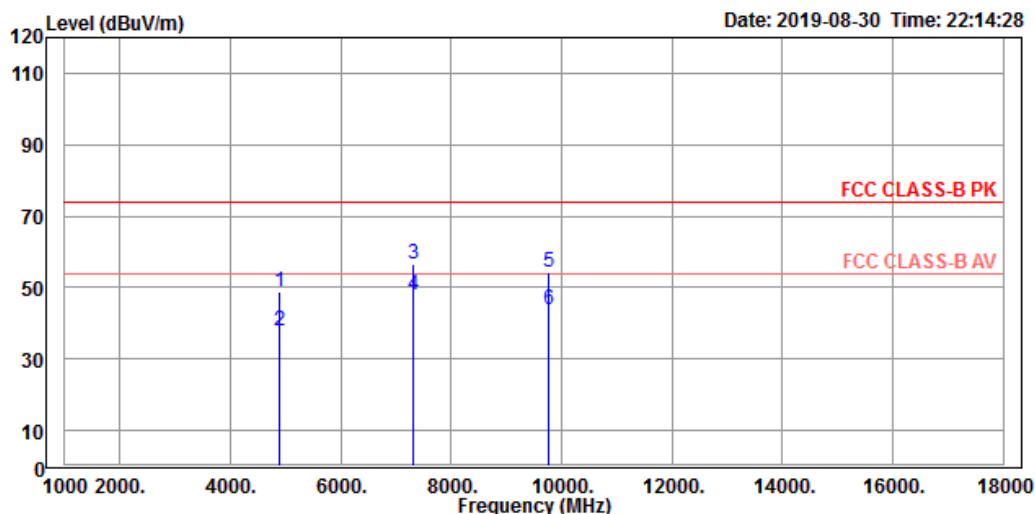
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read Level	Factor	Limit Level	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	4810.000	42.81	5.44	48.25	74.00	-25.75	100	156 Peak
2	4810.000	32.47	5.44	37.91	54.00	-16.09	100	156 Average
3	7215.000	47.17	7.72	54.89	74.00	-19.11	100	211 Peak
4	7215.000	38.89	7.72	46.61	54.00	-7.39	100	211 Average
5	9620.000	42.45	10.84	53.29	74.00	-20.71	100	75 Peak
6	9620.000	32.18	10.84	43.02	54.00	-10.98	100	75 Average



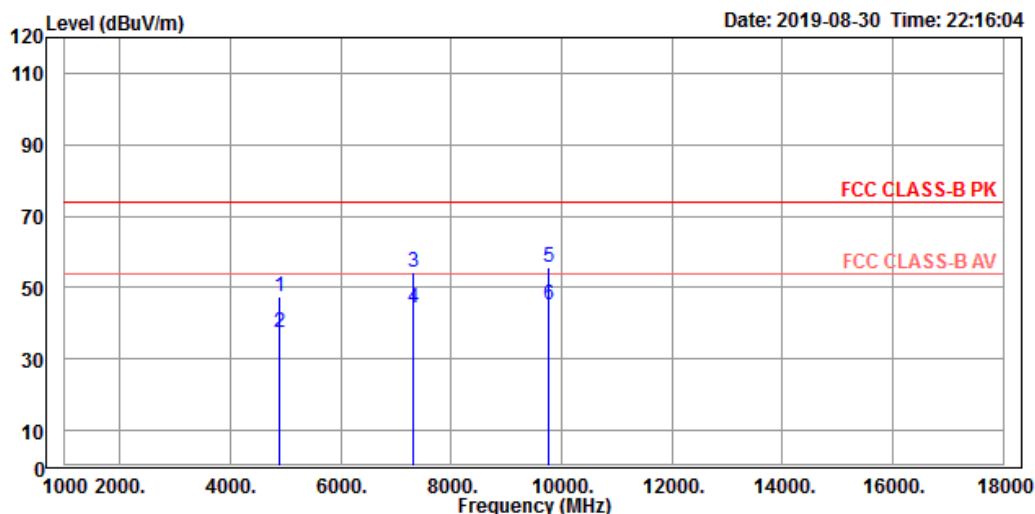
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4810.000	42.82	5.44	48.26	74.00	-25.74	100	57	Peak
2	4810.000	33.29	5.44	38.73	54.00	-15.27	100	57	Average
3	7215.000	47.52	7.72	55.24	74.00	-18.76	100	163	Peak
4	7215.000	37.59	7.72	45.31	54.00	-8.69	100	163	Average
5	9620.000	42.89	10.84	53.73	74.00	-20.27	100	330	Peak
6	9620.000	32.54	10.84	43.38	54.00	-10.62	100	330	Average



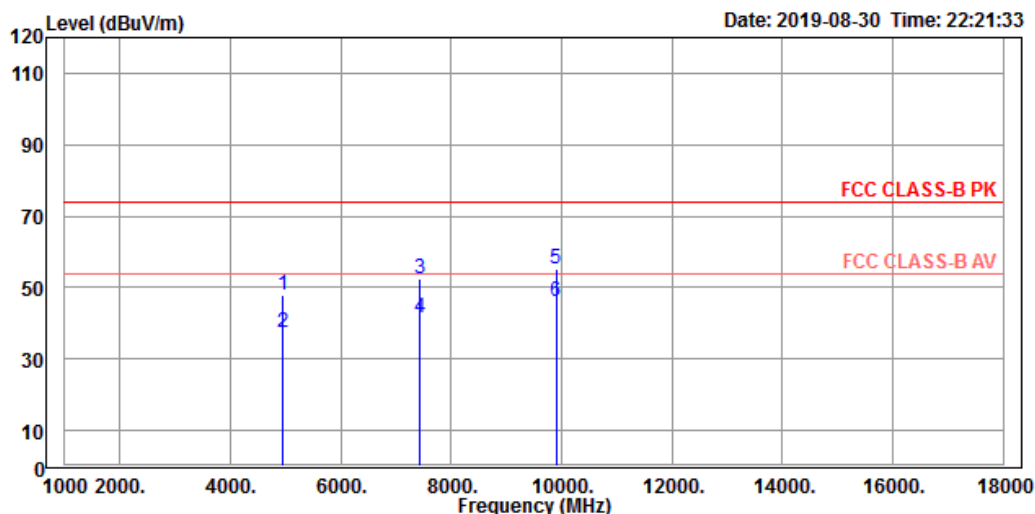
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	42.93	5.79	48.72	74.00	-25.28	100	149	Peak
2	4882.000	32.16	5.79	37.95	54.00	-16.05	100	149	Average
3	7323.000	48.74	7.68	56.42	74.00	-17.58	100	215	Peak
4	7323.000	40.09	7.68	47.77	54.00	-6.23	100	215	Average
5	9764.000	42.88	11.28	54.16	74.00	-19.84	100	357	Peak
6	9764.000	32.48	11.28	43.76	54.00	-10.24	100	357	Average



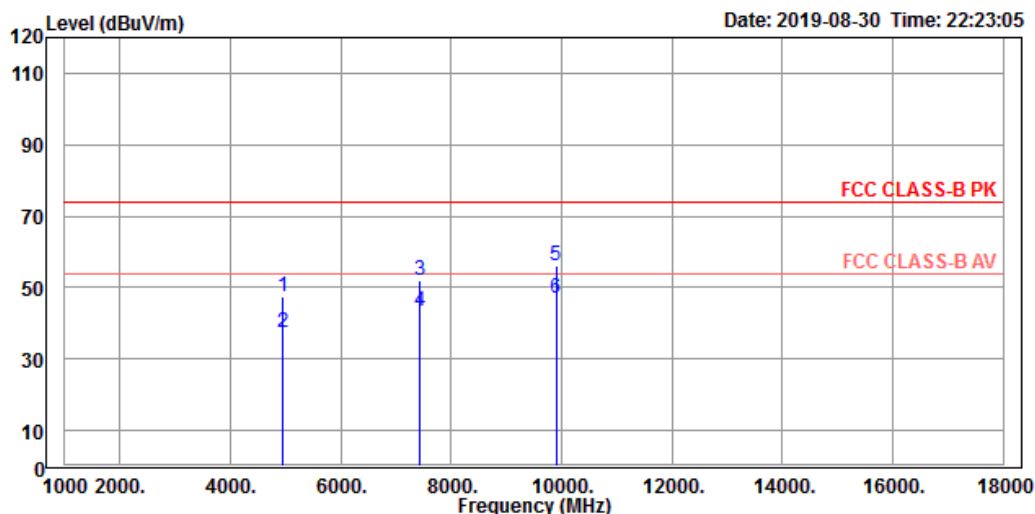
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4882.000	41.86	5.79	47.65	74.00	-26.35	100	3	Peak
2	4882.000	31.53	5.79	37.32	54.00	-16.68	100	3	Average
3	7323.000	46.76	7.68	54.44	74.00	-19.56	100	188	Peak
4	7323.000	36.58	7.68	44.26	54.00	-9.74	100	188	Average
5	9764.000	44.41	11.28	55.69	74.00	-18.31	100	0	Peak
6	9764.000	34.08	11.28	45.36	54.00	-8.64	100	0	Average



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4950.000	41.86	6.14	48.00	74.00	-26.00	100	319	Peak
2	4950.000	31.26	6.14	37.40	54.00	-16.60	100	319	Average
3	7425.000	44.79	7.63	52.42	74.00	-21.58	100	210	Peak
4	7425.000	34.11	7.63	41.74	54.00	-12.26	100	210	Average
5	9900.000	43.51	11.70	55.21	74.00	-18.79	100	245	Peak
6	9900.000	34.52	11.70	46.22	54.00	-7.78	100	245	Average



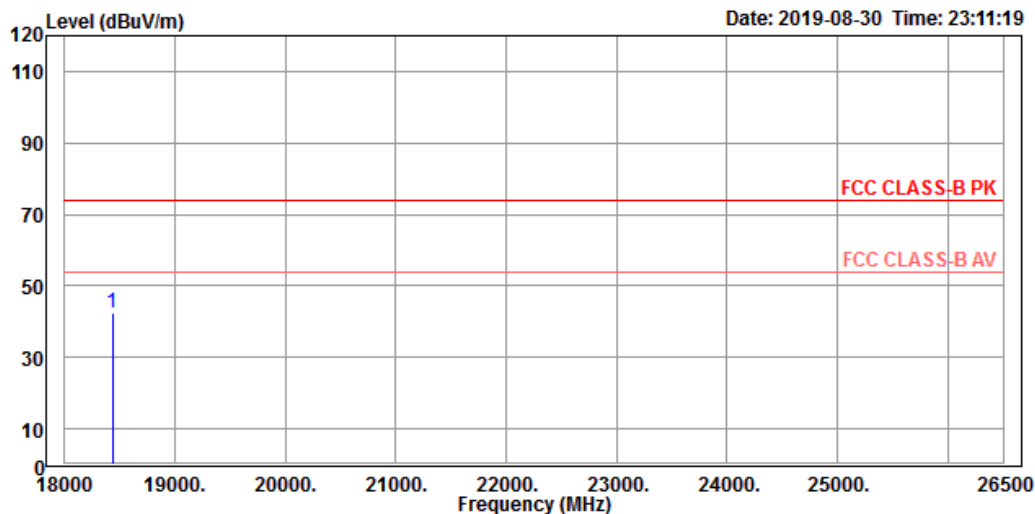
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	4950.000	41.30	6.14	47.44	74.00	-26.56	100	218	Peak
2	4950.000	31.24	6.14	37.38	54.00	-16.62	100	218	Average
3	7425.000	44.36	7.63	51.99	74.00	-22.01	100	178	Peak
4	7425.000	35.90	7.63	43.53	54.00	-10.47	100	178	Average
5	9900.000	44.26	11.70	55.96	74.00	-18.04	100	79	Peak
6	9900.000	35.19	11.70	46.89	54.00	-7.11	100	79	Average

Spurious Emissions, TX Mode, 18-26G, IEEE802.15.4

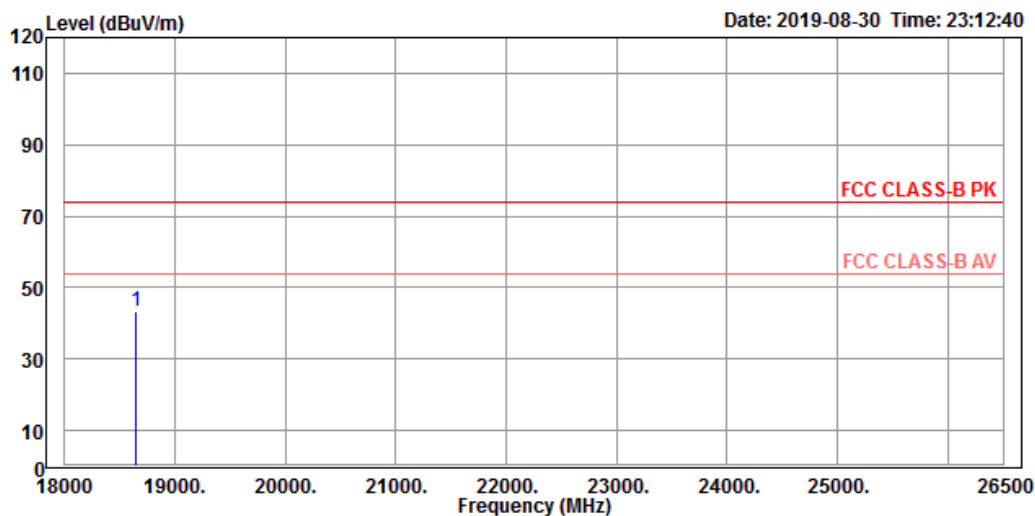


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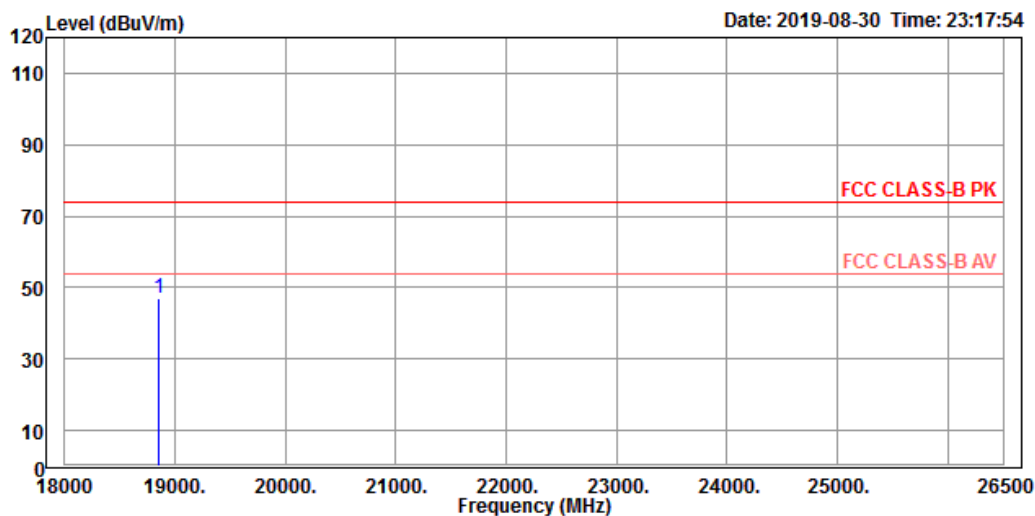
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Read		Limit	Over	APos	TPos	
Freq	Level	Factor	Level	Line	Limit		Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1 18429.290	44.76	-2.41	42.35	74.00	-31.65	100	154 Peak



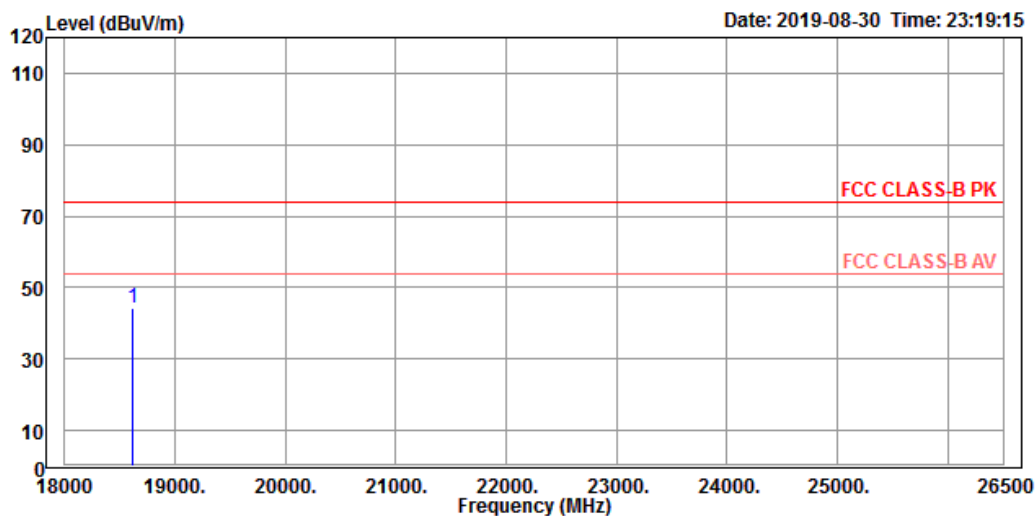
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2405MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18640.960	45.60	-2.33	43.27	74.00	-30.73	100	242	Peak



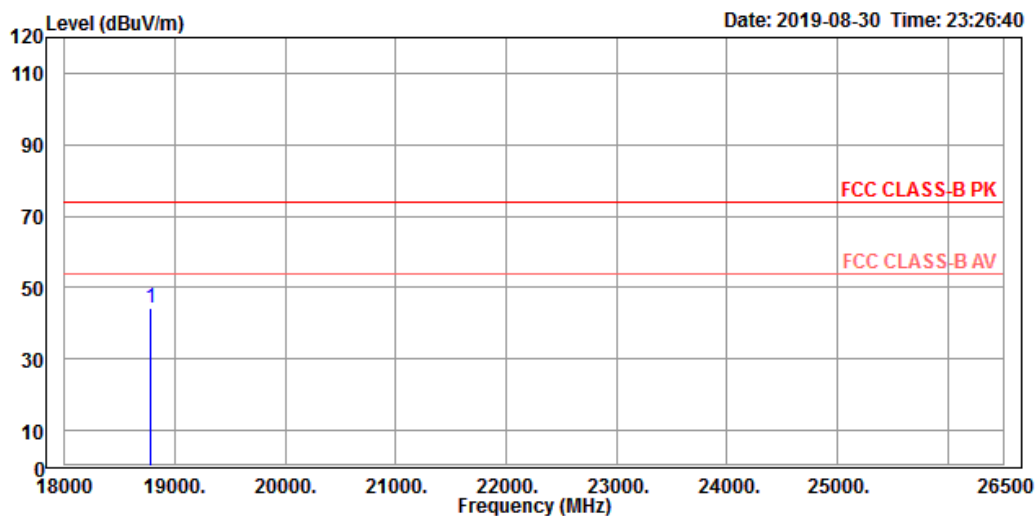
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18851.790	49.04	-2.21	46.83	74.00	-27.17	100	172	Peak



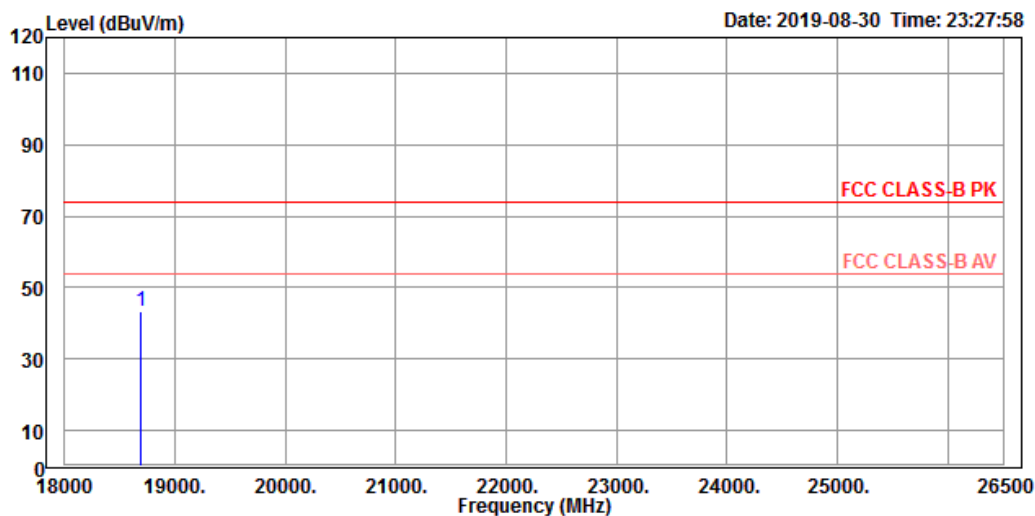
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18615.460	46.43	-2.35	44.08	74.00	-29.92	100	281	Peak



Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18775.280	46.38	-2.20	44.18	74.00	-29.82	100	10	Peak



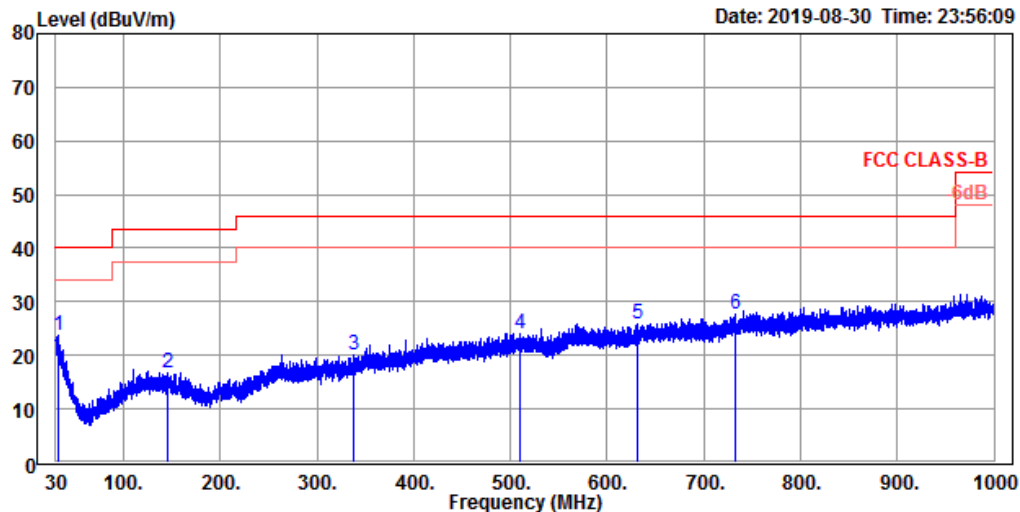
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2475MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18691.120	45.49	-2.27	43.22	74.00	-30.78	100	258	Peak

Spurious Emissions, TX Mode, 30M-1G, IEEE802.15.4

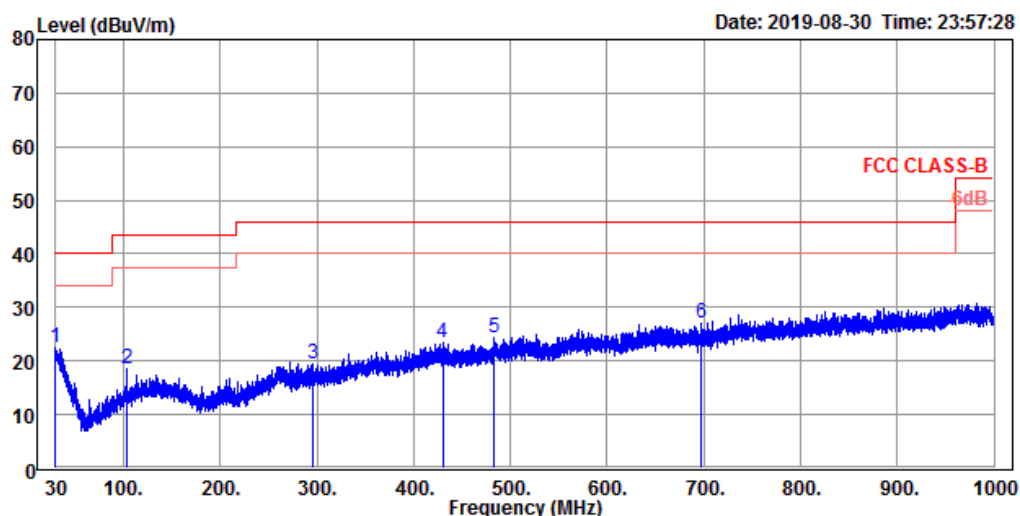


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Limit Level	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	31.940	28.29	-4.42	23.87	40.00	-16.13	100	215 QP
2	145.721	27.48	-10.79	16.69	43.50	-26.81	100	260 QP
3	338.363	27.16	-7.17	19.99	46.00	-26.01	100	351 QP
4	510.635	28.39	-4.23	24.16	46.00	-21.84	100	66 QP
5	632.079	28.30	-2.46	25.84	46.00	-20.16	100	324 QP
6	731.892	29.04	-1.26	27.78	46.00	-18.22	100	359 QP



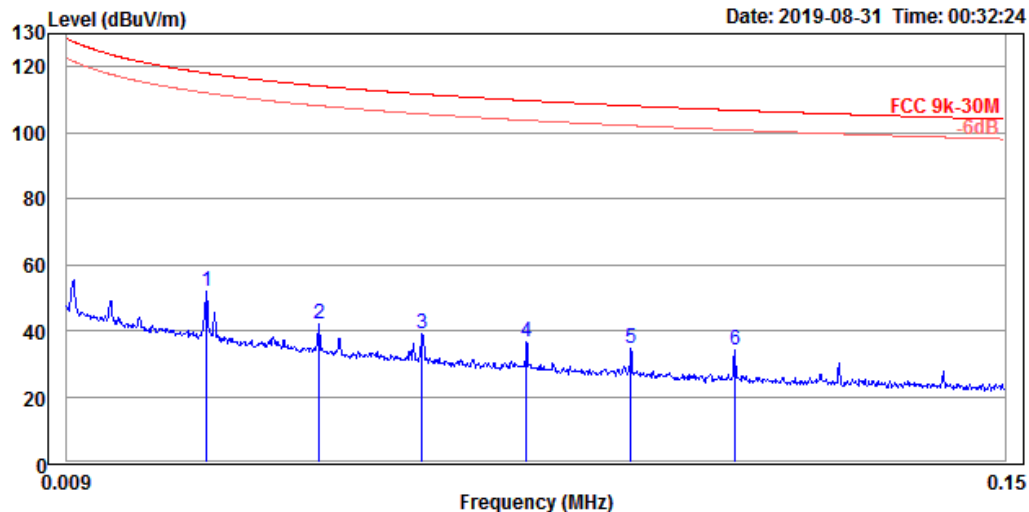
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	26.12	-3.48	22.64	40.00	-17.36	100	180	QP
2	103.235	30.78	-12.23	18.55	43.50	-24.95	100	144	QP
3	296.362	27.56	-8.01	19.55	46.00	-26.45	100	39	QP
4	429.834	28.88	-5.33	23.55	46.00	-22.45	100	180	QP
5	483.087	28.99	-4.70	24.29	46.00	-21.71	100	114	QP
6	697.554	29.00	-1.87	27.13	46.00	-18.87	100	351	QP

Spurious Emissions, TX Mode, 9k-30M, IEEE802.15.4

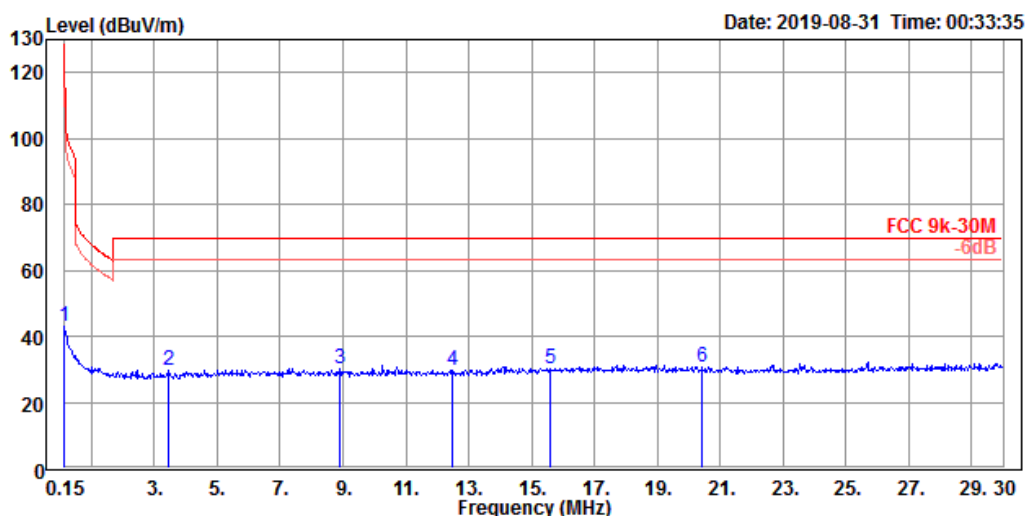


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

		Read		Limit	Over	APos	TPos	
	Freq	Level	Factor	Level	Line	Limit		Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.030	32.73	18.94	51.67	118.05	-66.38	100	312 QP
2	0.047	23.21	18.87	42.08	114.19	-72.11	100	284 QP
3	0.062	20.72	18.55	39.27	111.68	-72.41	100	112 QP
4	0.078	18.40	18.18	36.58	109.74	-73.16	100	37 QP
5	0.094	16.77	17.80	34.57	108.16	-73.59	100	17 QP
6	0.109	16.58	17.69	34.27	106.82	-72.55	100	360 QP



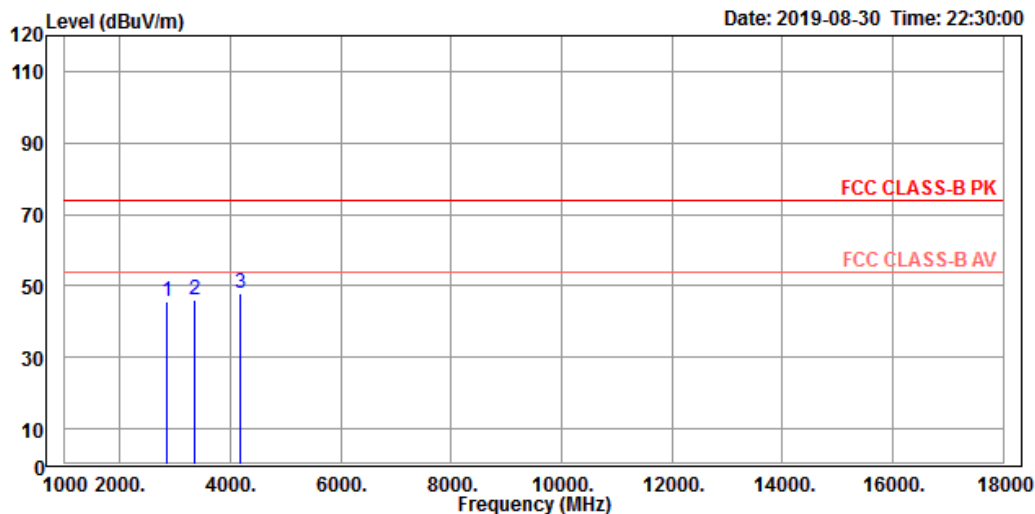
Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Power setting: 8
Memo : 802.15.4_TX_2441MHz

	Freq	Read	Factor	Level	Limit	Over	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.150	25.32	17.85	43.17	104.08	-60.91	100	125	QP
2	3.463	10.96	18.72	29.68	69.50	-39.82	100	44	QP
3	8.896	9.93	20.11	30.04	69.50	-39.46	100	176	QP
4	12.478	9.27	20.58	29.85	69.50	-39.65	100	312	QP
5	15.612	9.47	20.89	30.36	69.50	-39.14	100	77	QP
6	20.448	9.40	21.33	30.73	69.50	-38.77	100	0	QP

Spurious Emissions, RX Mode, 1-18G, IEEE802.15.4

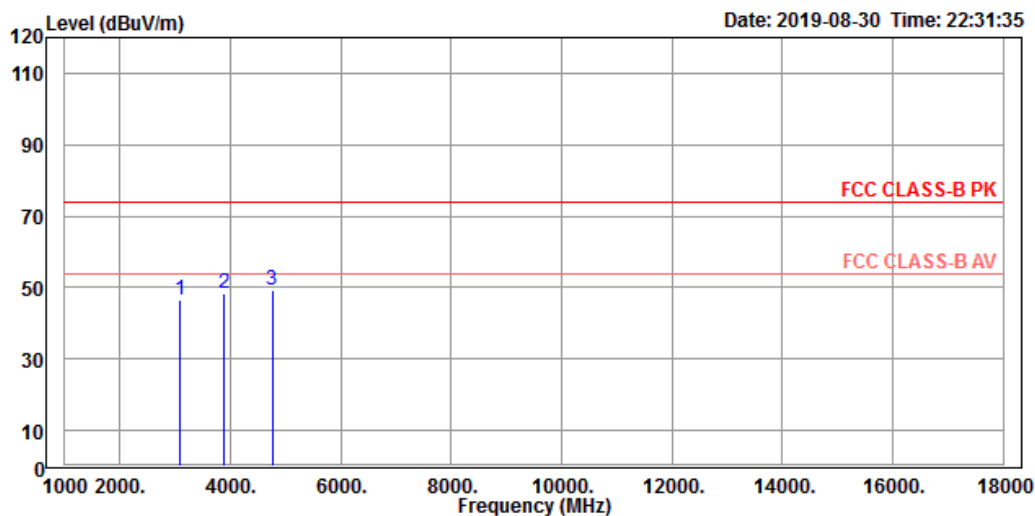


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read	Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm deg
1	2849.785	45.75	-0.30	45.45	74.00	-28.55	100 360 Peak
2	3351.335	45.44	0.83	46.27	74.00	-27.73	100 329 Peak
3	4177.618	44.73	3.26	47.99	74.00	-26.01	100 191 Peak



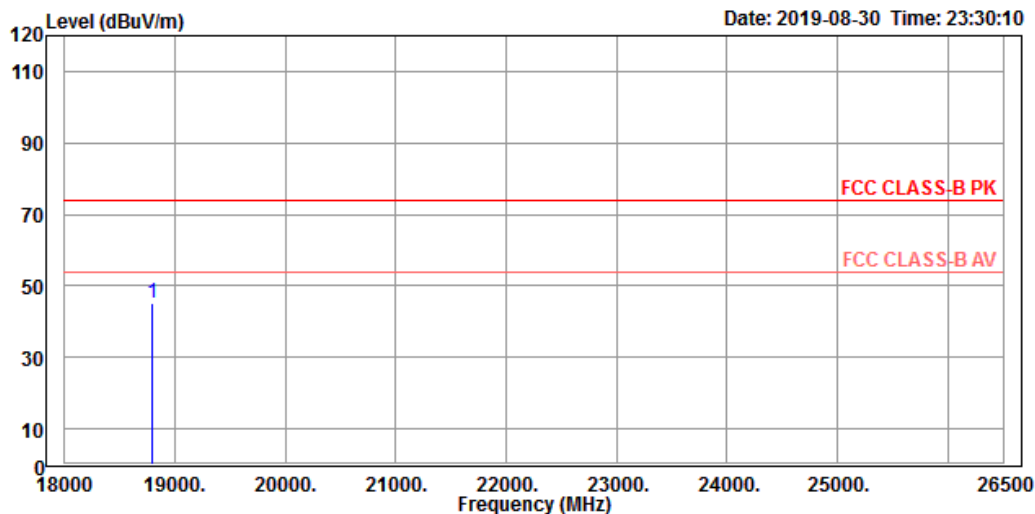
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	3084.408	45.79	0.61	46.40	74.00	-27.60	100	185	Peak
2	3873.287	45.78	2.62	48.40	74.00	-25.60	100	205	Peak
3	4755.676	43.83	5.43	49.26	74.00	-24.74	100	142	Peak

Spurious Emissions, RX Mode, 18-26G, IEEE802.15.4

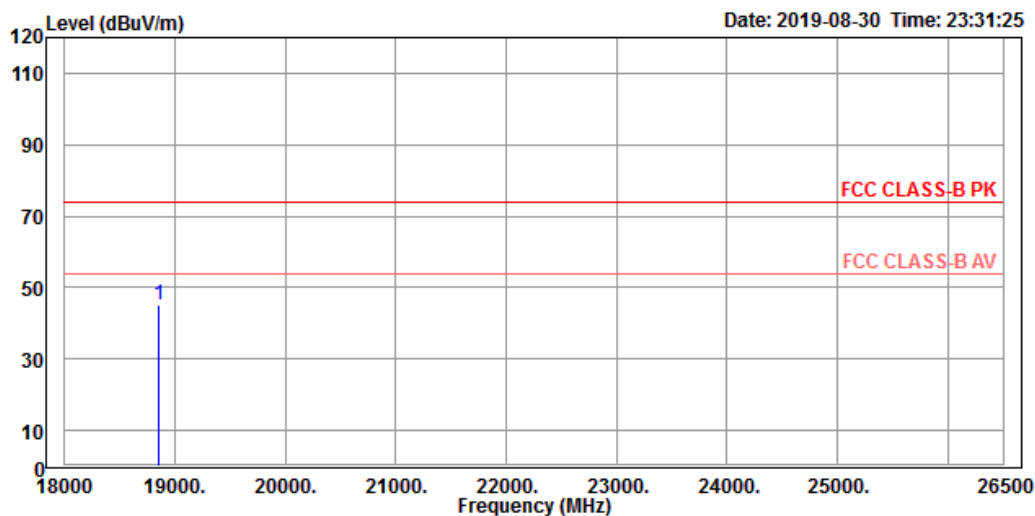


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Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

		Read			Limit	Over	APos	TPos	
	Freq	Level	Factor	Level	Line	Limit			Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18792.280	47.23	-2.20	45.03	74.00	-28.97	100	232	Peak



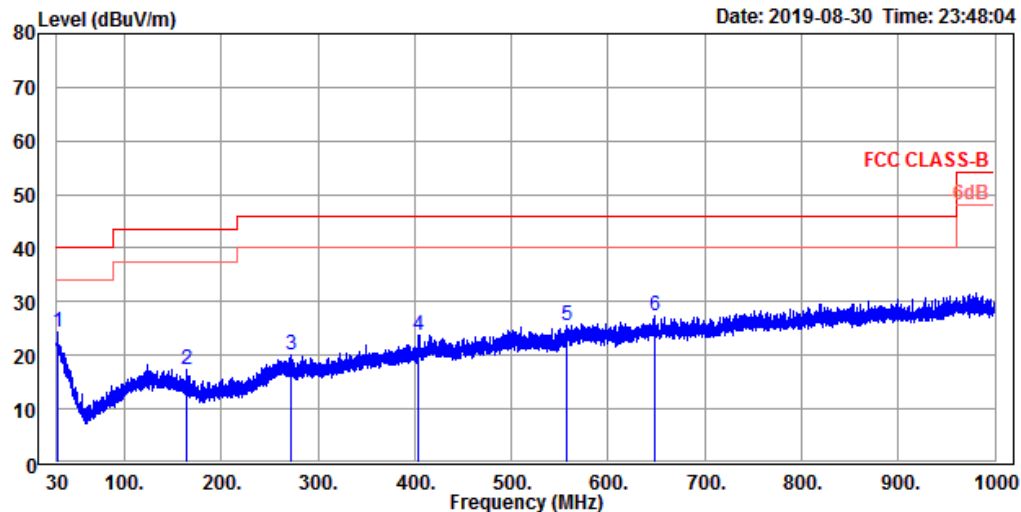
Site : 966B Chamber B
Condition : FCC CLASS-B PK 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	18851.790	47.48	-2.21	45.27	74.00	-28.73	100	338	Peak

Spurious Emissions, RX Mode, 30M-1G, IEEE802.15.4

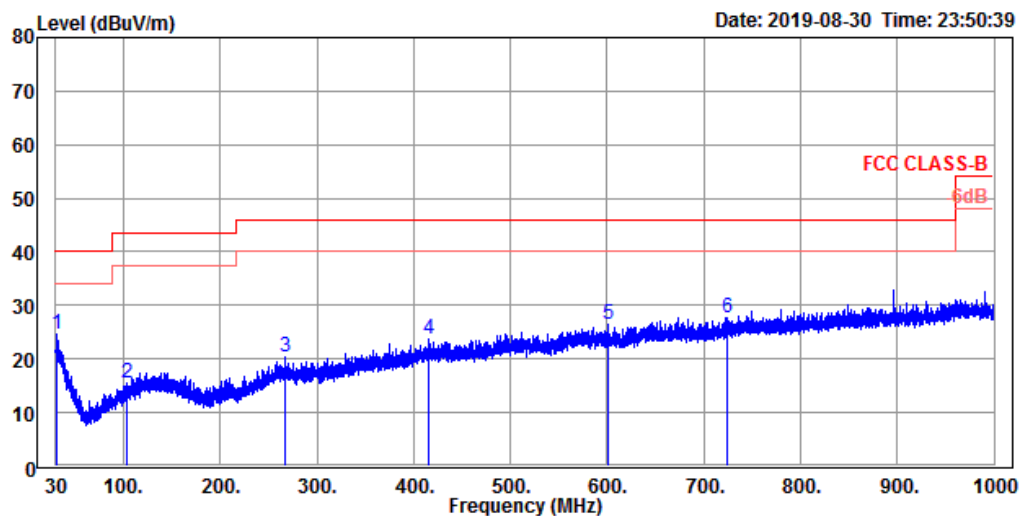


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Site : 966B Chamber B
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read		Limit	Over	APos	TPos	Remark
	MHz	Level	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	30.194	27.79	-3.55	24.24	40.00	-15.76	200	229 QP
2	164.442	29.05	-11.72	17.33	43.50	-26.17	200	271 QP
3	272.888	28.58	-8.48	20.10	46.00	-25.90	100	357 QP
4	404.420	29.45	-5.64	23.81	46.00	-22.19	200	122 QP
5	557.292	29.16	-3.55	25.61	46.00	-20.39	200	255 QP
6	648.084	29.65	-2.30	27.35	46.00	-18.65	100	70 QP



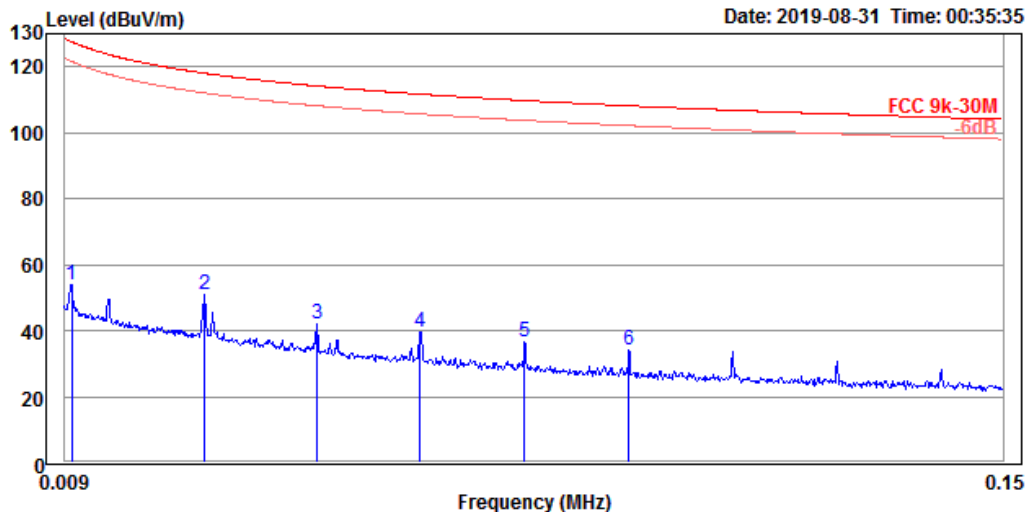
Site : 966B Chamber B
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.970	28.40	-3.86	24.54	40.00	-15.46	200	260	QP
2	102.653	27.73	-12.30	15.43	43.50	-28.07	100	54	QP
3	266.680	28.29	-8.06	20.23	46.00	-25.77	100	226	QP
4	415.187	29.05	-5.35	23.70	46.00	-22.30	100	246	QP
5	601.718	29.31	-2.99	26.32	46.00	-19.68	100	350	QP
6	724.908	29.17	-1.39	27.78	46.00	-18.22	200	243	QP

Spurious Emissions, RX Mode, 9K-30M, IEEE802.15.4

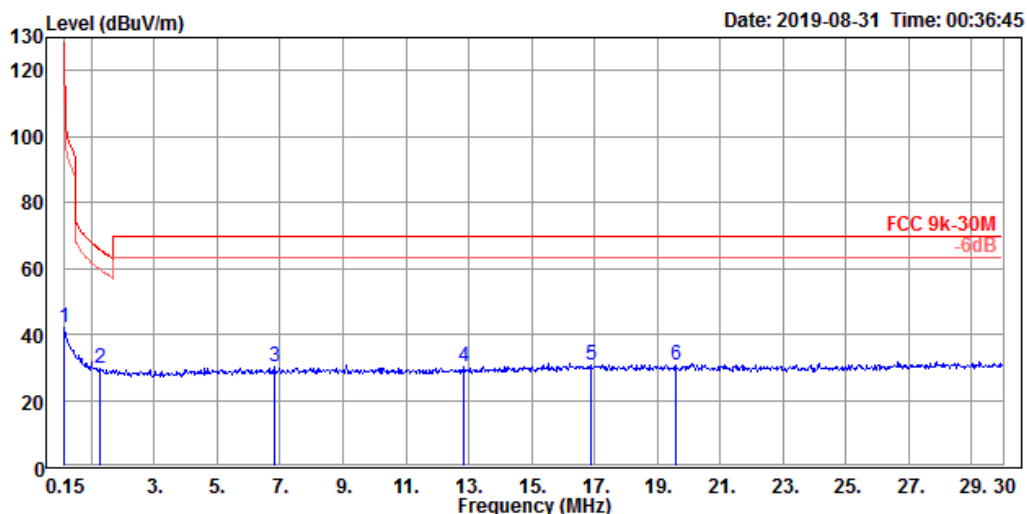


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Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read		Limit	Over	APos	TPos	
	MHz	Level	Factor	Level	Line	Limit		Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg
1	0.010	35.77	18.03	53.80	127.60	-73.80	100	314 QP
2	0.030	32.03	18.94	50.97	118.05	-67.08	100	225 QP
3	0.047	23.32	18.87	42.19	114.19	-72.00	100	121 QP
4	0.062	21.08	18.55	39.63	111.68	-72.05	100	147 QP
5	0.078	18.56	18.18	36.74	109.74	-73.00	100	321 QP
6	0.094	16.53	17.80	34.33	108.16	-73.83	100	251 QP

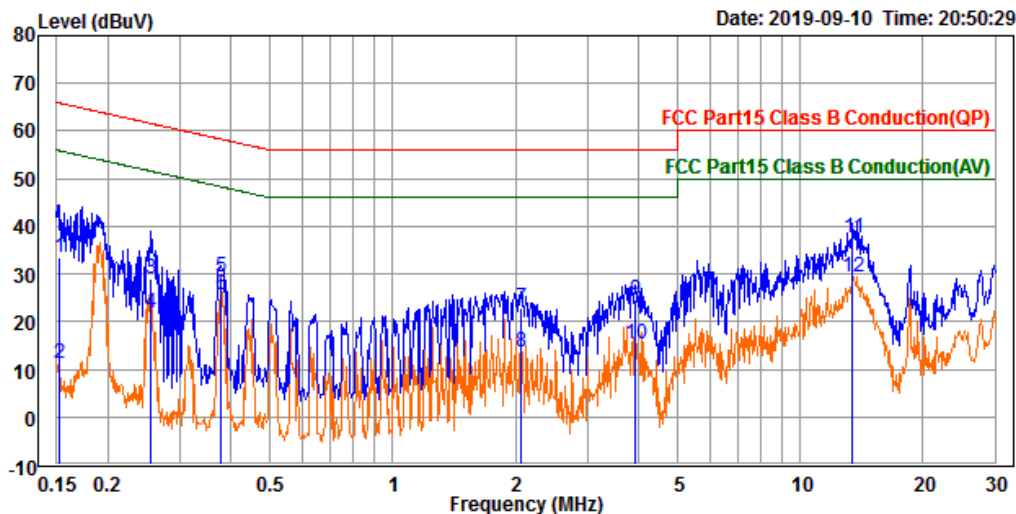


Site : 966B Chamber B
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Kay Wu
Product : Bluetooth low energy/ ANT/802.15.4 Module
Model No. : EYSKDN
Test Rating : 3.3Vdc
Tmp/Hum : 24 °C / 51 %
Memo : 802.15.4_TX_2441MHz

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.150	23.96	17.85	41.81	104.08	-62.27	100	13	QP
2	1.254	11.01	18.60	29.61	65.66	-36.05	100	24	QP
3	6.807	10.56	19.67	30.23	69.50	-39.27	100	312	QP
4	12.866	9.73	20.62	30.35	69.50	-39.15	100	175	QP
5	16.896	9.46	21.01	30.47	69.50	-39.03	100	24	QP
6	19.582	9.62	21.26	30.88	69.50	-38.62	100	312	QP



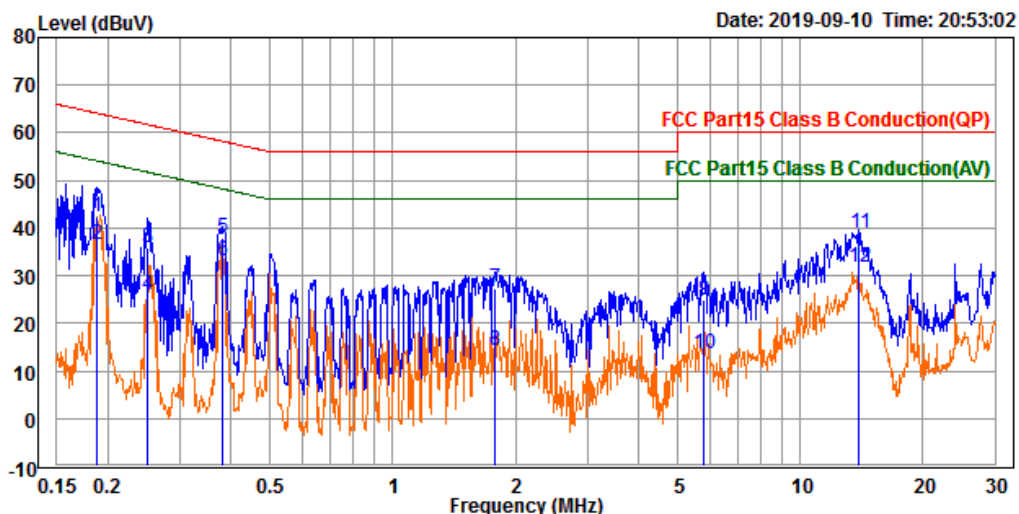
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Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : 802.15.4 Normal Operation

	Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.152	23.97	9.61	33.58	65.88	-32.30	QP
2	0.152	1.44	9.61	11.05	55.88	-44.83	Average
3	0.256	19.49	9.61	29.10	61.57	-32.47	QP
4	0.256	12.29	9.61	21.90	51.57	-29.67	Average
5	0.379	19.80	9.62	29.42	58.30	-28.88	QP
6	0.379	16.12	9.62	25.74	48.30	-22.56	Average
7	2.064	13.31	9.64	22.95	56.00	-33.05	QP
8	2.064	3.93	9.64	13.57	46.00	-32.43	Average
9	3.946	14.85	9.67	24.52	56.00	-31.48	QP
10	3.946	5.81	9.67	15.48	46.00	-30.52	Average
11	13.447	27.81	9.75	37.56	60.00	-22.44	QP
12	13.447	19.45	9.75	29.20	50.00	-20.80	Average



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Kevin Kuo
Product : Bluetooth low energy/ANY/802.15.4 Module
Model No. : EYSKDN
Test Rating : 120Vac, 60Hz
Tmp/Hum : 24°C / 38%
Power Setting: 8
Mode : 802.15.4 Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.188	32.91	9.62	42.53	64.14	-21.61	QP
2	0.188	27.07	9.62	36.69	54.14	-17.45	Average
3	0.249	26.22	9.62	35.84	61.78	-25.94	QP
4	0.249	16.32	9.62	25.94	51.78	-25.84	Average
5	0.383	28.37	9.63	38.00	58.22	-20.22	QP
6	0.383	23.34	9.63	32.97	48.22	-15.25	Average
7	1.786	17.75	9.65	27.40	56.00	-28.60	QP
8	1.786	4.78	9.65	14.43	46.00	-31.57	Average
9	5.791	15.22	9.70	24.92	60.00	-35.08	QP
10	5.791	3.89	9.70	13.59	50.00	-36.41	Average
11	13.924	29.18	9.78	38.96	60.00	-21.04	QP
12	13.924	22.09	9.78	31.87	50.00	-18.13	Average