

Test Report No.50254142 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50254142 001 AppendixD)

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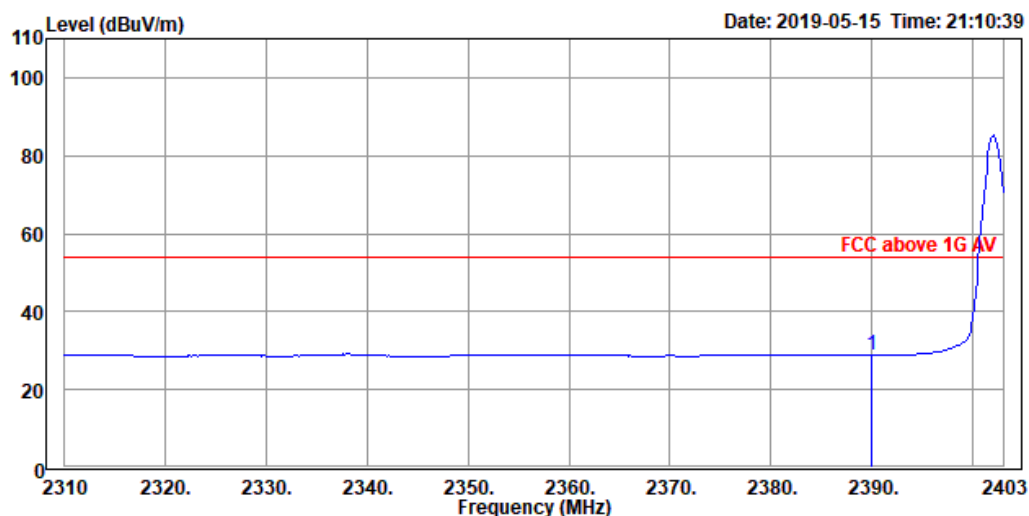
Mains67

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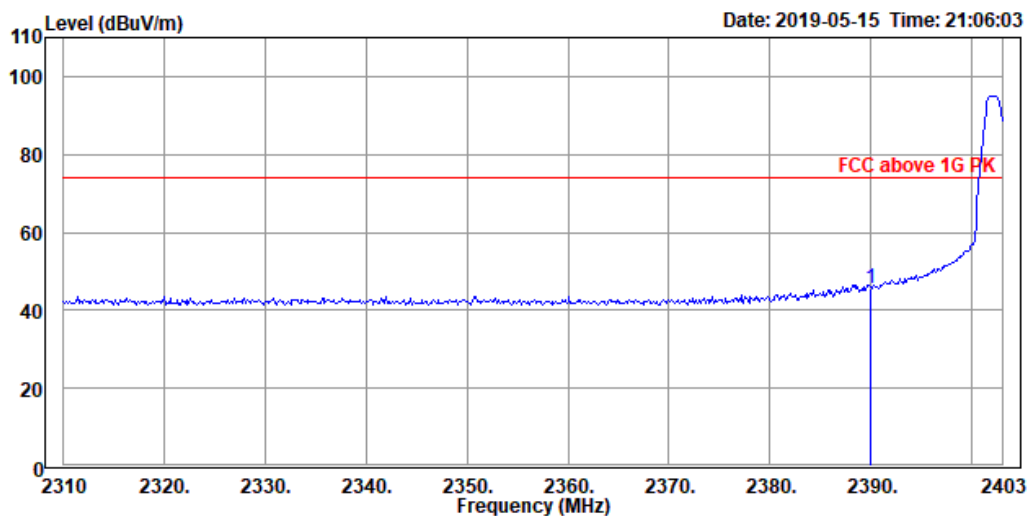


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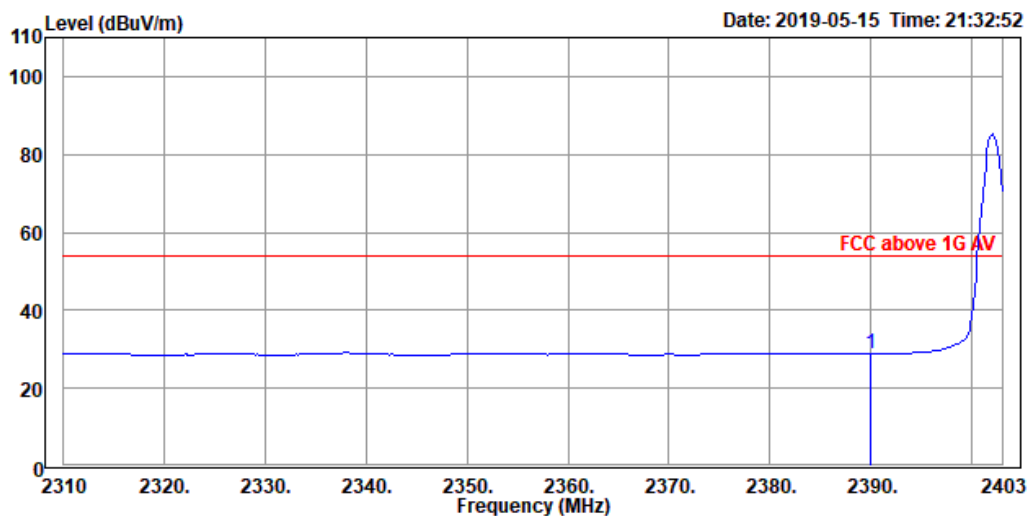
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	28.90	37.00	-8.10	54.00	-25.10	100	285	Average	



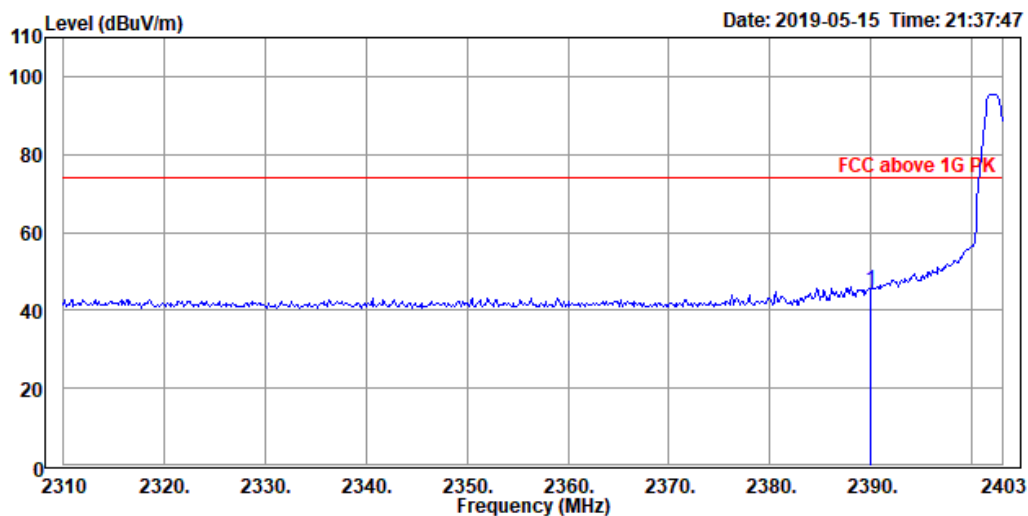
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m Horizontal
 Test Engineer: Kai Wang
 Applicant : SMK Corporation
 Product : Bluetooth low energy Module
 Model No. : BTS05
 Test Rating : DC 3.3V
 Tmp/Hum : 21.8°C/51%
 Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	45.43	53.53	-8.10	74.00	-28.57	100	285	Peak	



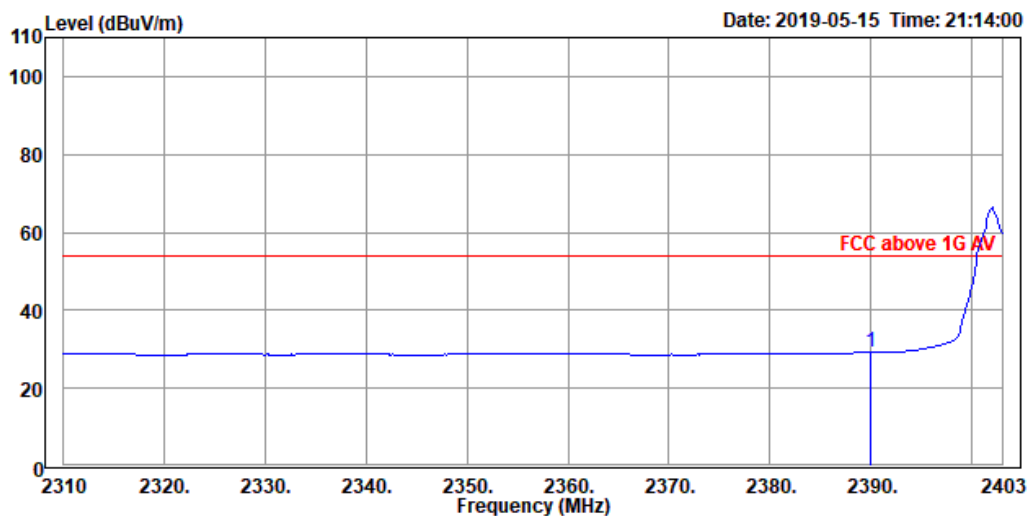
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	28.93	37.03	-8.10	54.00	-25.07	117	217	Average	



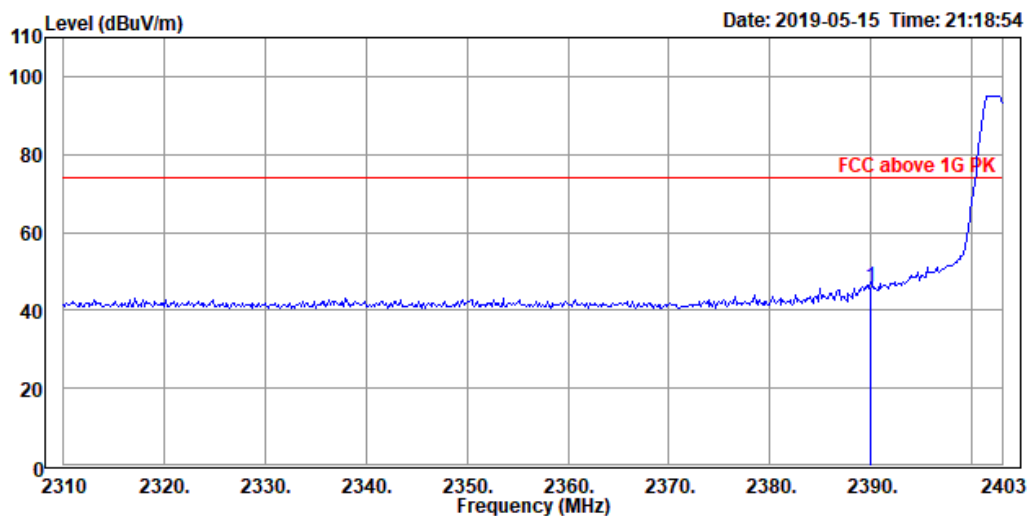
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	45.33	53.43	-8.10	74.00	-28.67	117	217	Peak	



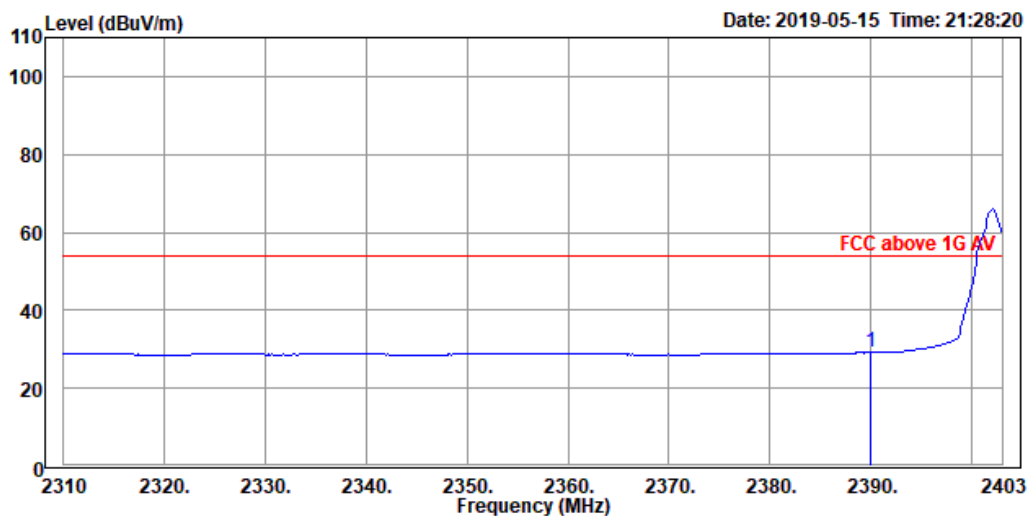
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	29.16	37.26	-8.10	54.00	-24.84	100	285	Average	



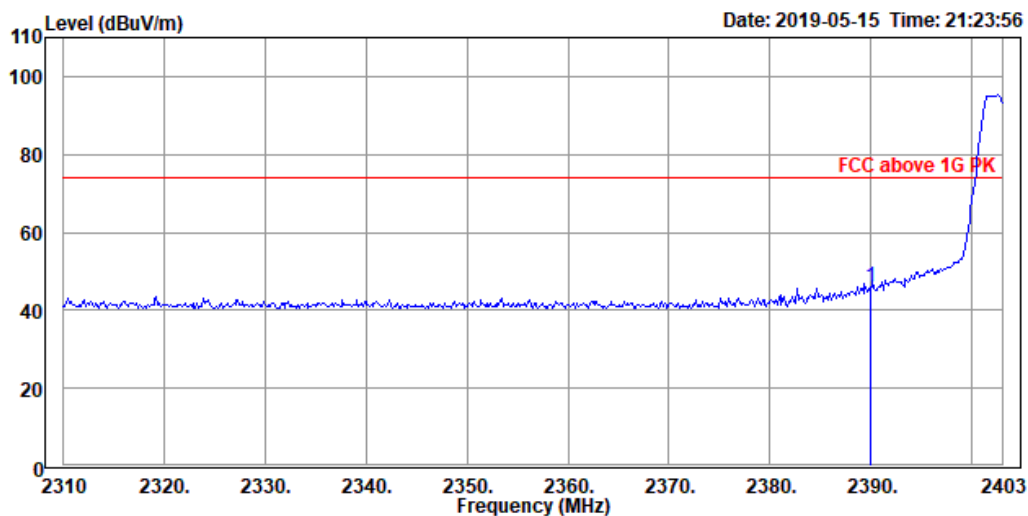
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	45.82	53.92	-8.10	74.00	-28.18	100	285	Peak	



Site : 966A Chamber A
Condition : FCC above 1G AV 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	29.18	37.28	-8.10	54.00	-24.82	117	217	Average	



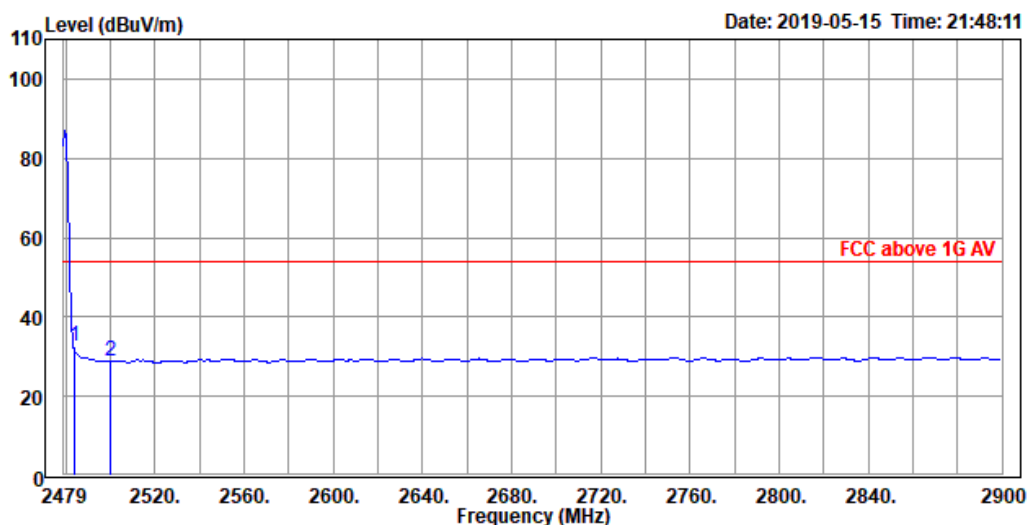
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	45.86	53.96	-8.10	74.00	-28.14	117	217	Peak	

Radiated Bandedge (GFSK), High Channel

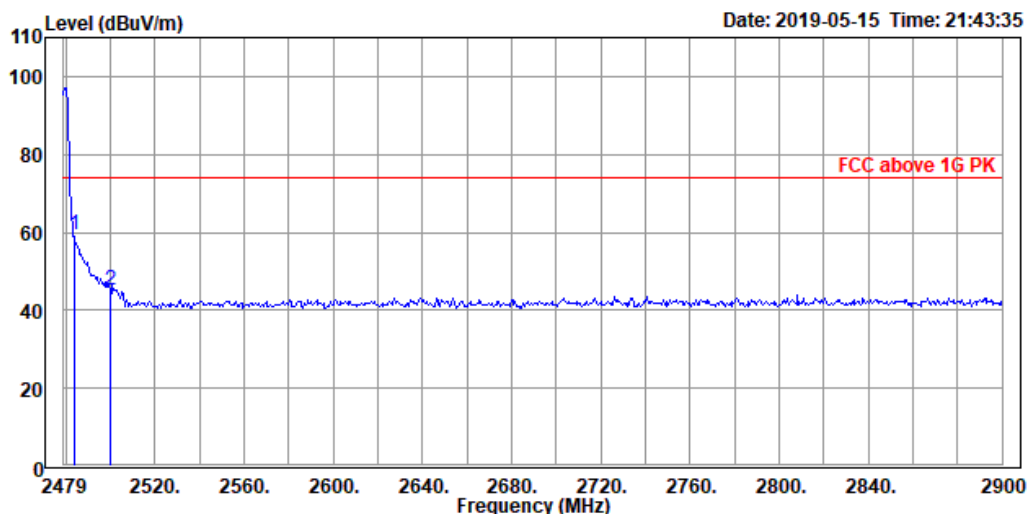


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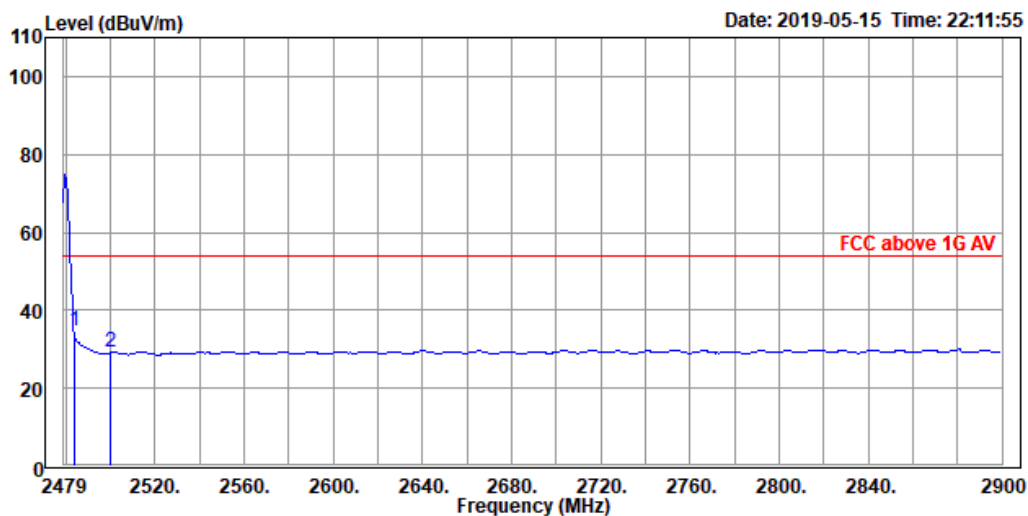
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	32.59	40.68	-8.09	54.00	-21.41	100	282	Average	
2	2500.000	28.94	37.03	-8.09	54.00	-25.06	100	282	Average	



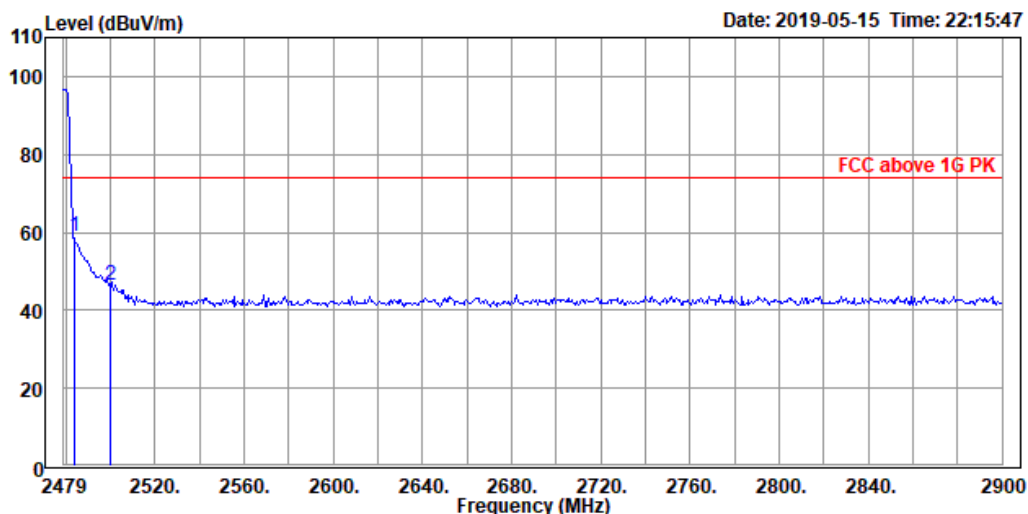
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	59.23	67.32	-8.09	74.00	-14.77	100	282	Peak	
2	2500.000	45.14	53.23	-8.09	74.00	-28.86	100	282	Peak	



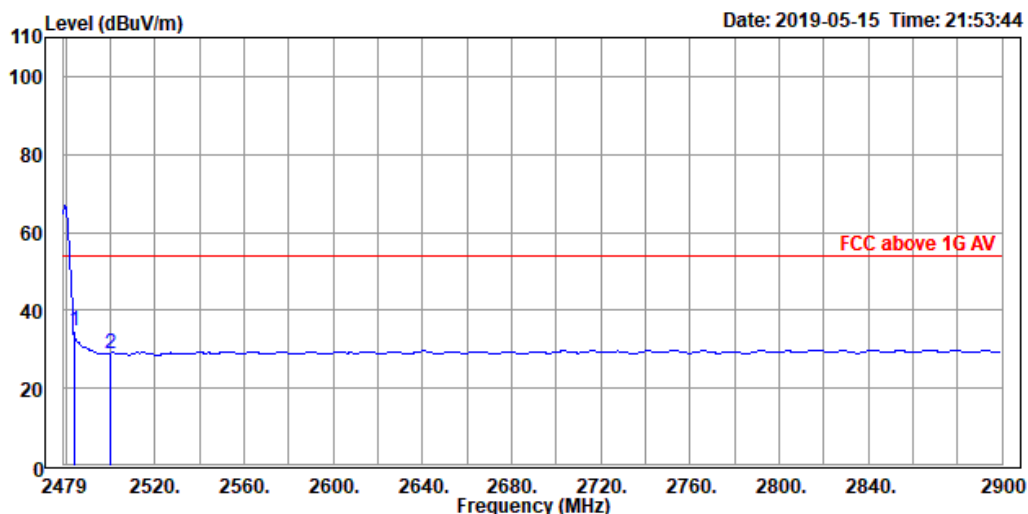
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	34.55	42.64	-8.09	54.00	-19.45	146	217	Average	
2	2500.000	29.07	37.16	-8.09	54.00	-24.93	146	217	Average	



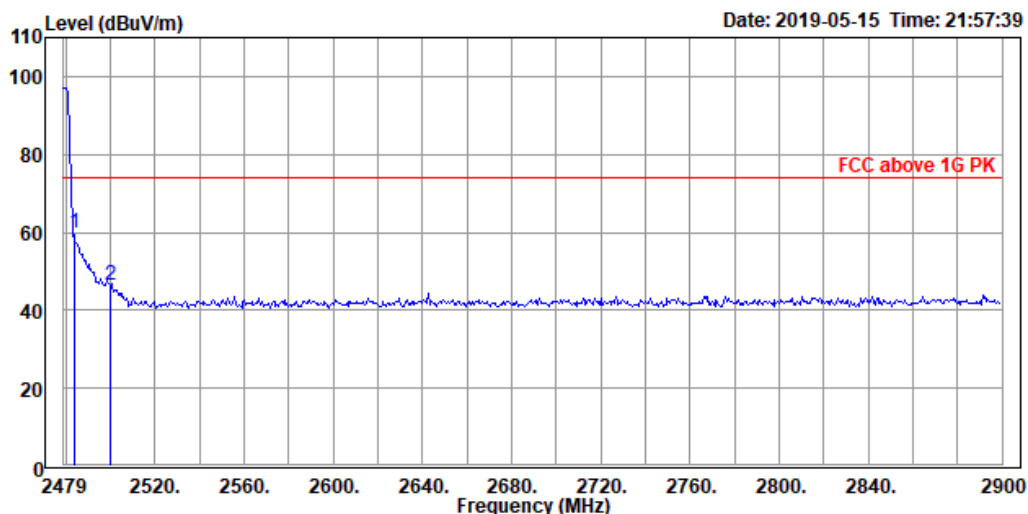
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	59.08	67.17	-8.09	74.00	-14.92	146	217	Peak	
2	2500.000	46.48	54.57	-8.09	74.00	-27.52	146	217	Peak	



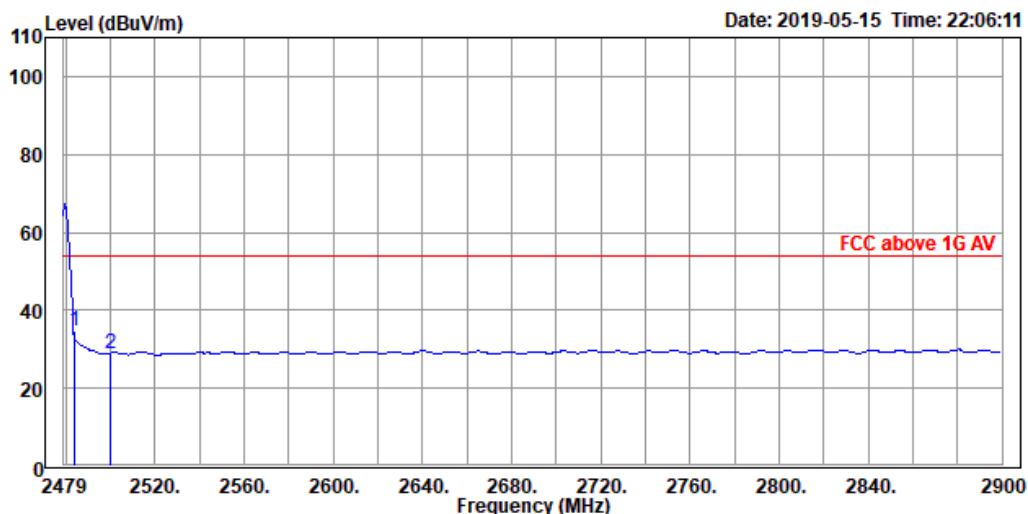
Site : 966A Chamber A
Condition : FCC above 1G AV 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	34.55	42.64	-8.09	54.00	-19.45	100	282	Average	
2	2500.000	29.03	37.12	-8.09	54.00	-24.97	100	282	Average	



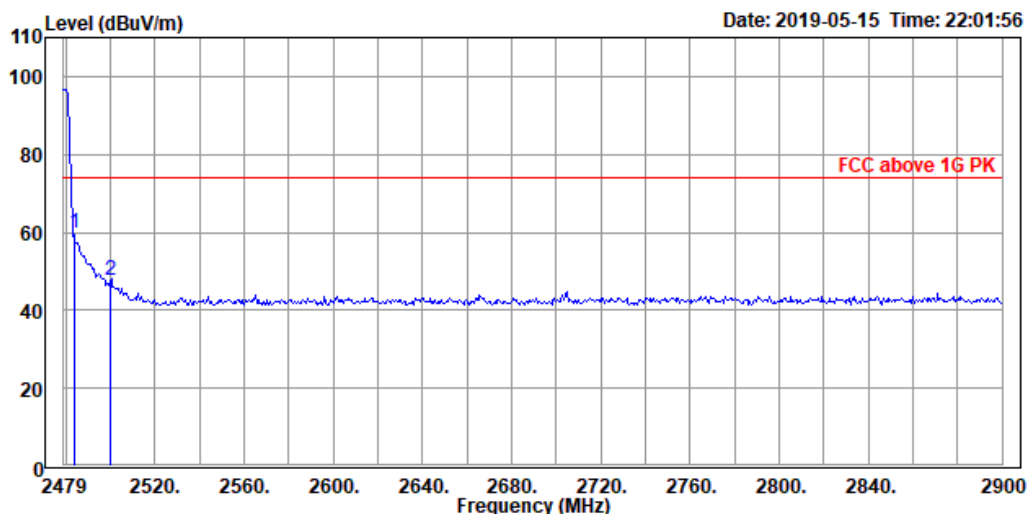
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	59.62	67.71	-8.09	74.00	-14.38	100	282	Peak	
2	2500.000	46.37	54.46	-8.09	74.00	-27.63	100	282	Peak	



Site : 966A Chamber A
Condition : FCC above 1G AV 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	34.52	42.61	-8.09	54.00	-19.48	146	217	Average	
2	2500.000	29.04	37.13	-8.09	54.00	-24.96	146	217	Average	



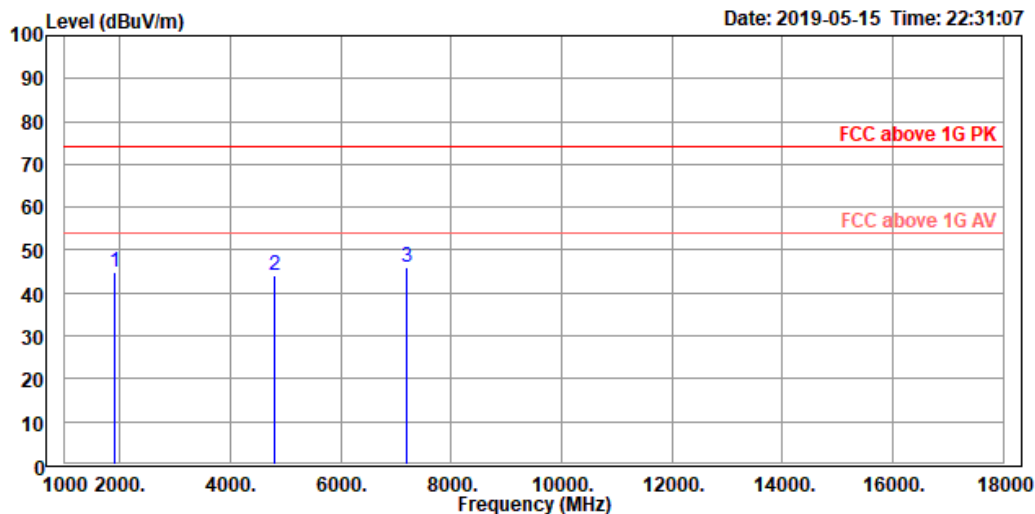
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	59.63	67.72	-8.09	74.00	-14.37	146	217	Peak	
2	2500.000	47.51	55.60	-8.09	74.00	-26.49	146	217	Peak	

Spurious Emissions, TX Mode, 1-18G

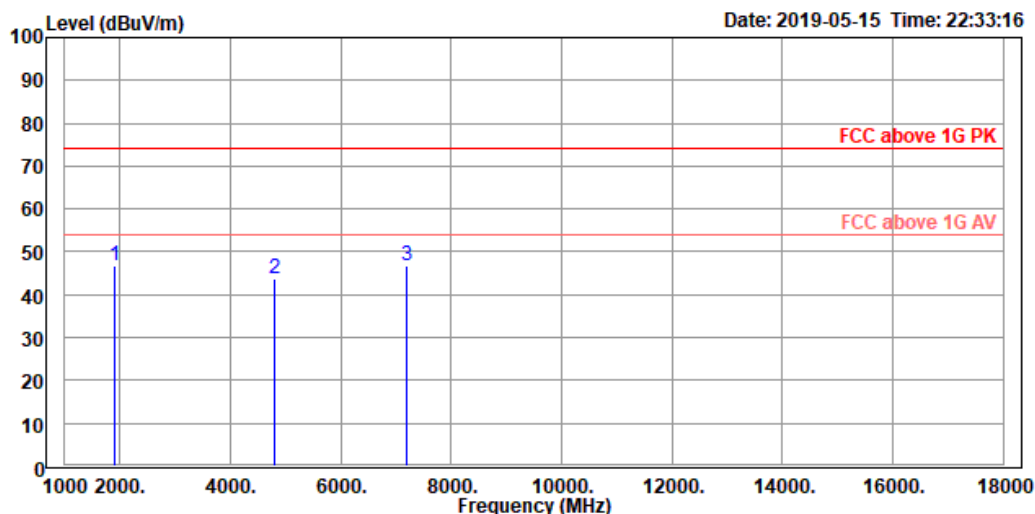


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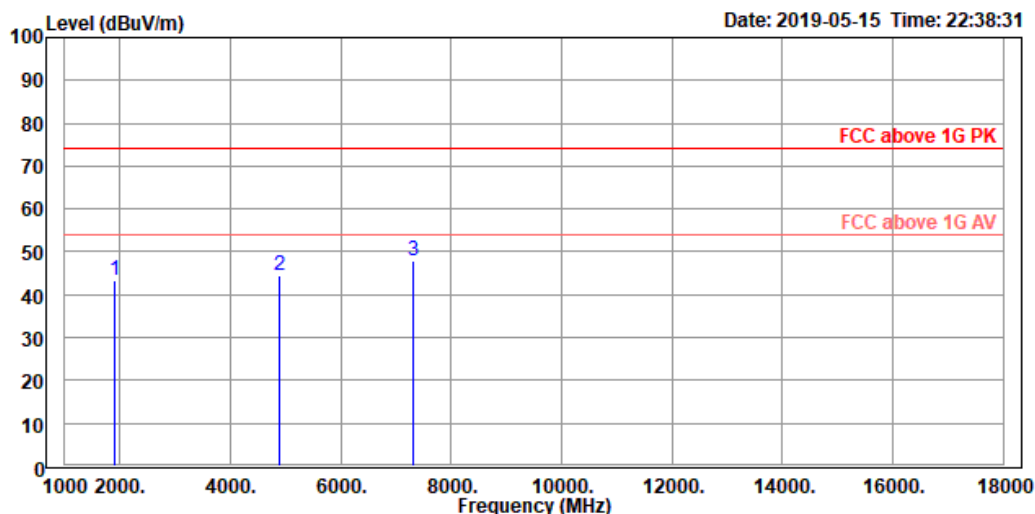
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.03	53.82	-8.79	74.00	-28.97	100	71	Peak	
2	4804.000	44.25	47.70	-3.45	74.00	-29.75	100	14	Peak	
3	7206.000	46.16	41.94	4.22	74.00	-27.84	100	127	Peak	



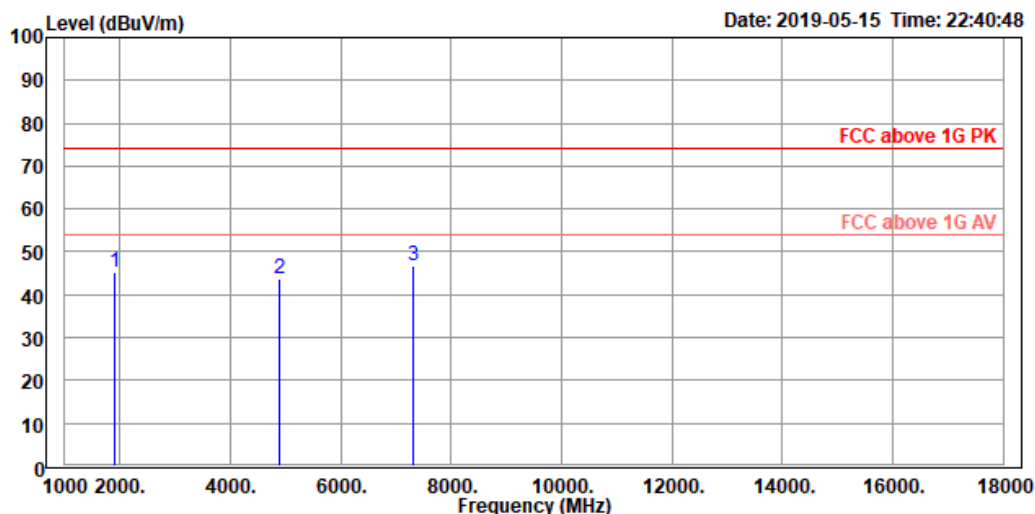
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	46.87	55.66	-8.79	74.00	-27.13	100	269	Peak	
2	4804.000	43.90	47.35	-3.45	74.00	-30.10	100	209	Peak	
3	7206.000	46.89	42.67	4.22	74.00	-27.11	100	276	Peak	



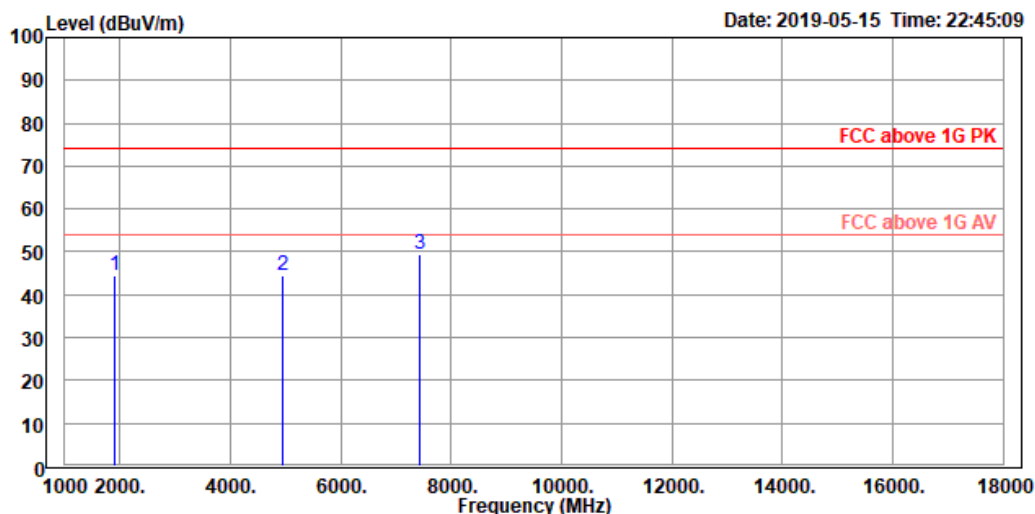
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2440-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	43.51	52.30	-8.79	74.00	-30.49	100	55	Peak	
2	4880.000	44.62	47.97	-3.35	74.00	-29.38	100	65	Peak	
3	7320.000	47.95	43.45	4.50	74.00	-26.05	100	103	Peak	



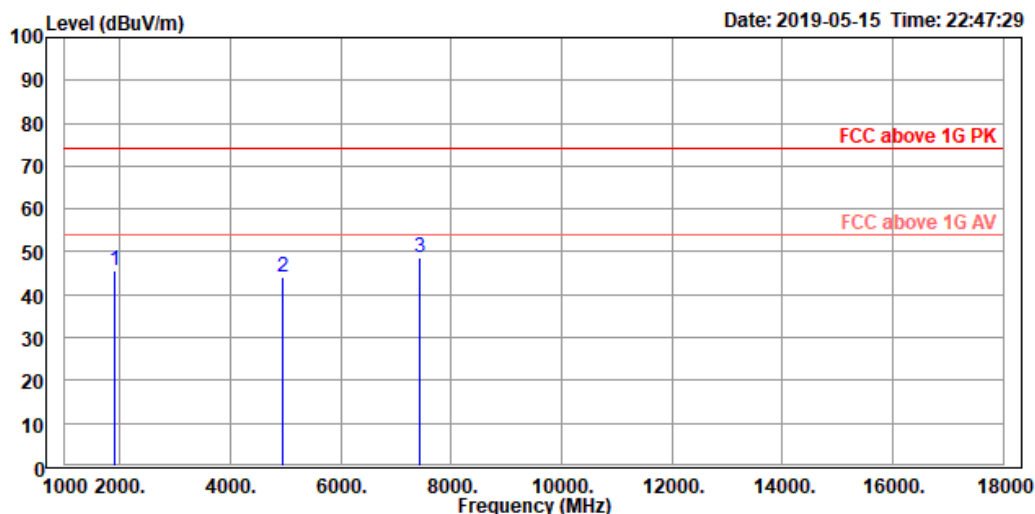
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2440-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.25	54.04	-8.79	74.00	-28.75	100	274	Peak	
2	4880.000	43.62	46.97	-3.35	74.00	-30.38	100	22	Peak	
3	7320.000	46.71	42.21	4.50	74.00	-27.29	100	32	Peak	



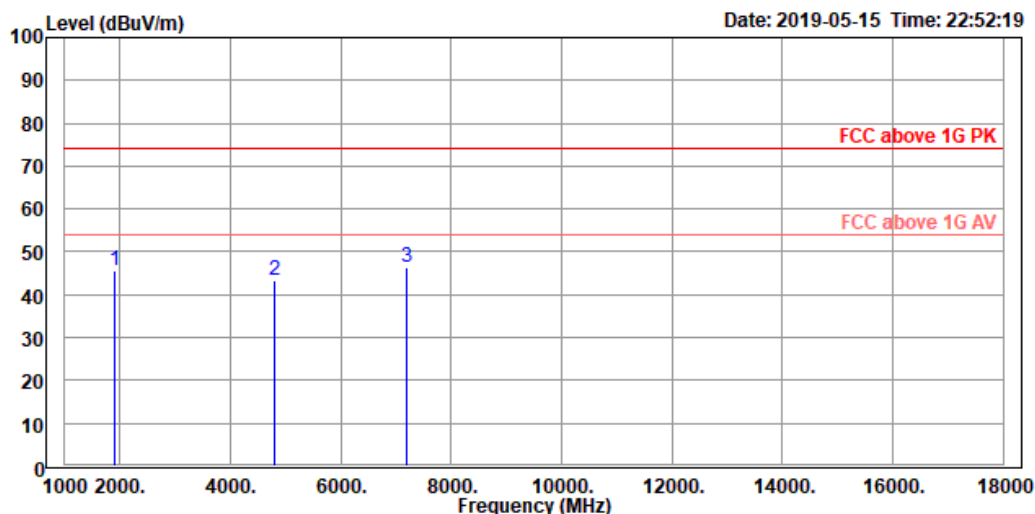
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	44.35	53.14	-8.79	74.00	-29.65	100	354	Peak	
2	4960.000	44.40	47.64	-3.24	74.00	-29.60	100	209	Peak	
3	7440.000	49.46	44.67	4.79	74.00	-24.54	100	212	Peak	



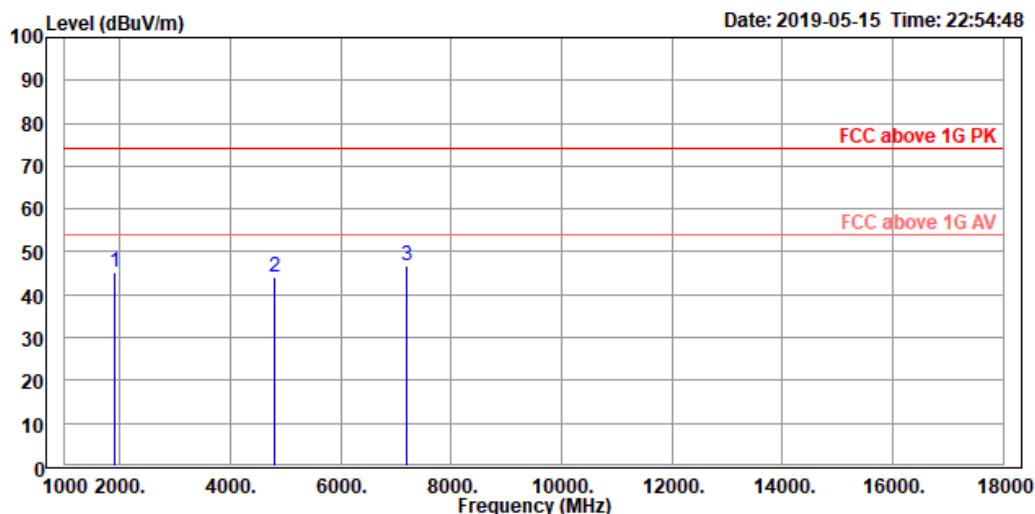
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.68	54.47	-8.79	74.00	-28.32	100	270	Peak	
2	4960.000	44.22	47.46	-3.24	74.00	-29.78	100	26	Peak	
3	7440.000	48.69	43.90	4.79	74.00	-25.31	100	13	Peak	



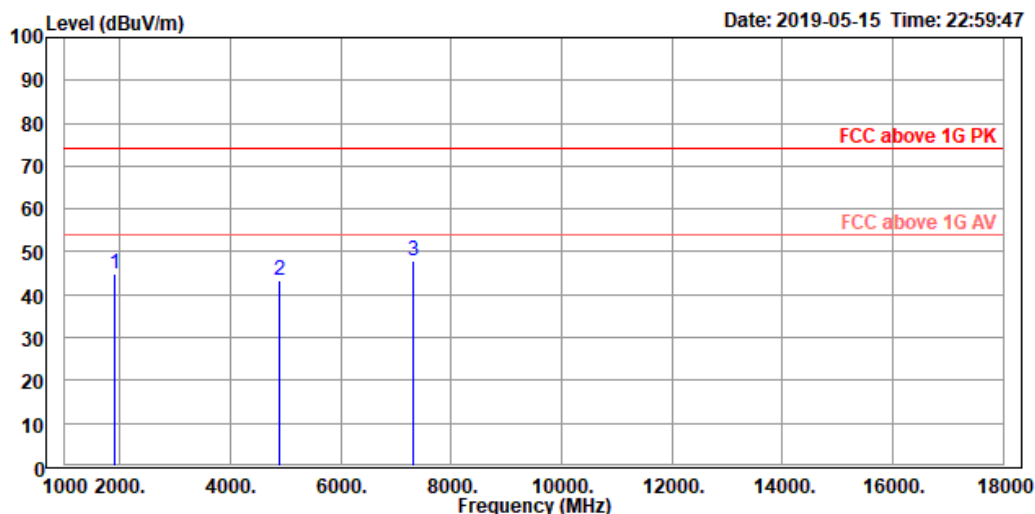
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.69	54.48	-8.79	74.00	-28.31	100	70	Peak	
2	4804.000	43.26	46.71	-3.45	74.00	-30.74	100	16	Peak	
3	7206.000	46.46	42.24	4.22	74.00	-27.54	100	217	Peak	



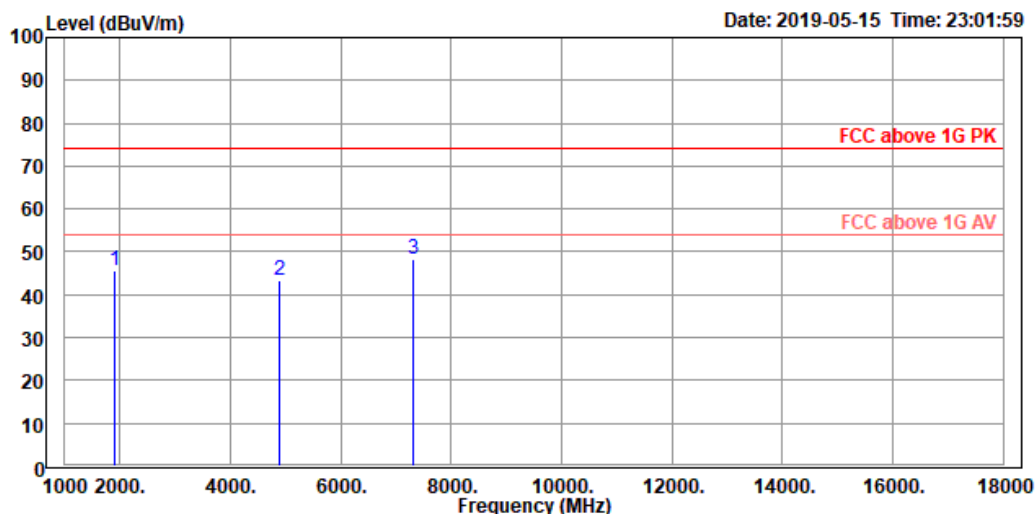
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2402-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.17	53.96	-8.79	74.00	-28.83	100	273	Peak	
2	4804.000	44.01	47.46	-3.45	74.00	-29.99	100	360	Peak	
3	7206.000	46.61	42.39	4.22	74.00	-27.39	100	356	Peak	



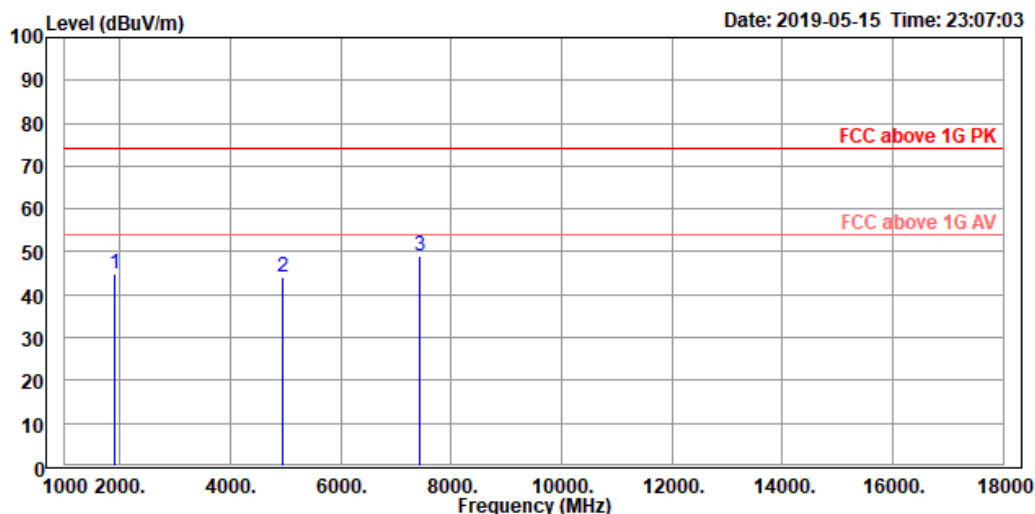
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2440-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	44.72	53.51	-8.79	74.00	-29.28	100	359	Peak	
2	4880.000	43.36	46.71	-3.35	74.00	-30.64	100	168	Peak	
3	7320.000	47.79	43.29	4.50	74.00	-26.21	100	156	Peak	



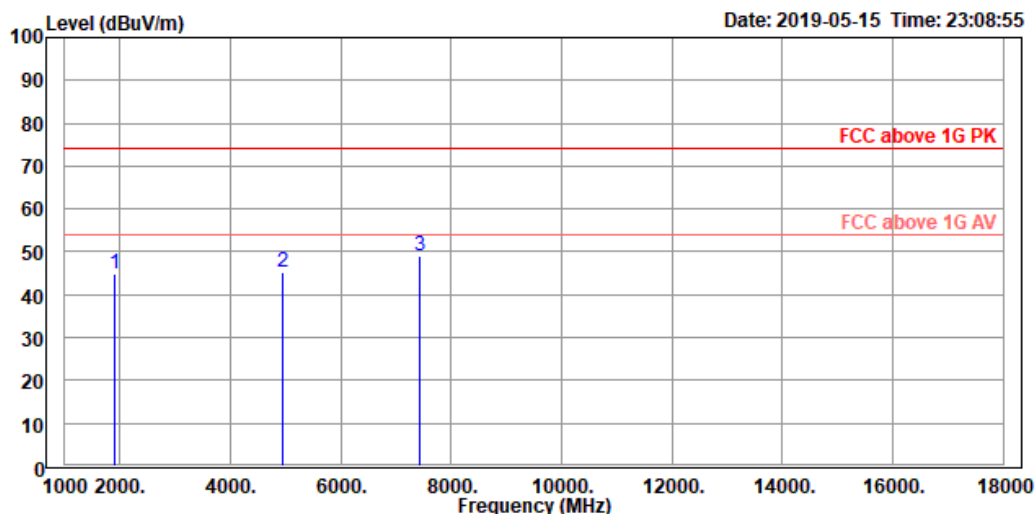
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2440-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.71	54.50	-8.79	74.00	-28.29	100	270	Peak	
2	4880.000	43.46	46.81	-3.35	74.00	-30.54	100	162	Peak	
3	7320.000	48.39	43.89	4.50	74.00	-25.61	100	322	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	44.84	53.63	-8.79	74.00	-29.16	100	112	Peak	
2	4960.000	43.99	47.23	-3.24	74.00	-30.01	100	37	Peak	
3	7440.000	48.93	44.14	4.79	74.00	-25.07	100	287	Peak	



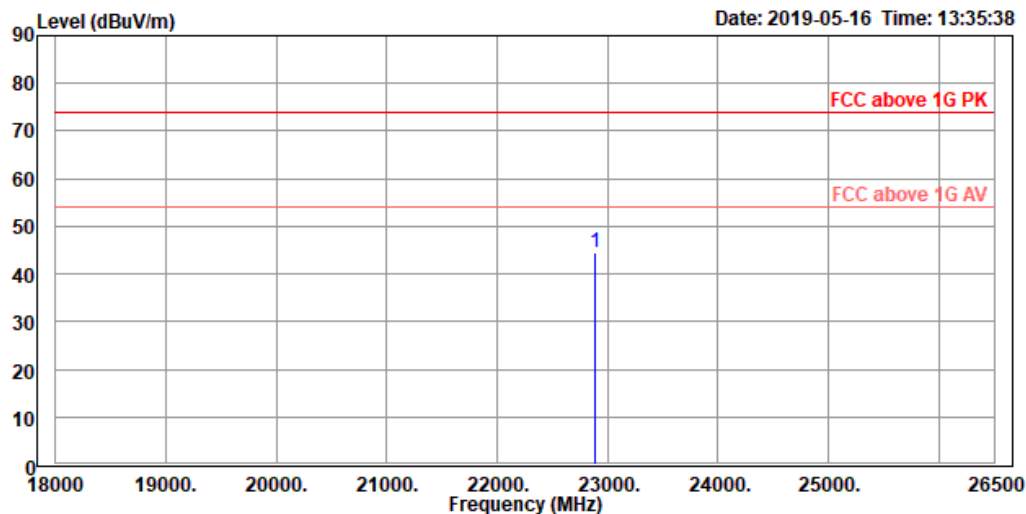
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2480-Tx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	44.88	53.67	-8.79	74.00	-29.12	100	270	Peak	
2	4960.000	45.11	48.35	-3.24	74.00	-28.89	100	27	Peak	
3	7440.000	49.00	44.21	4.79	74.00	-25.00	100	37	Peak	

Spurious Emissions, TX Mode, 18-26G

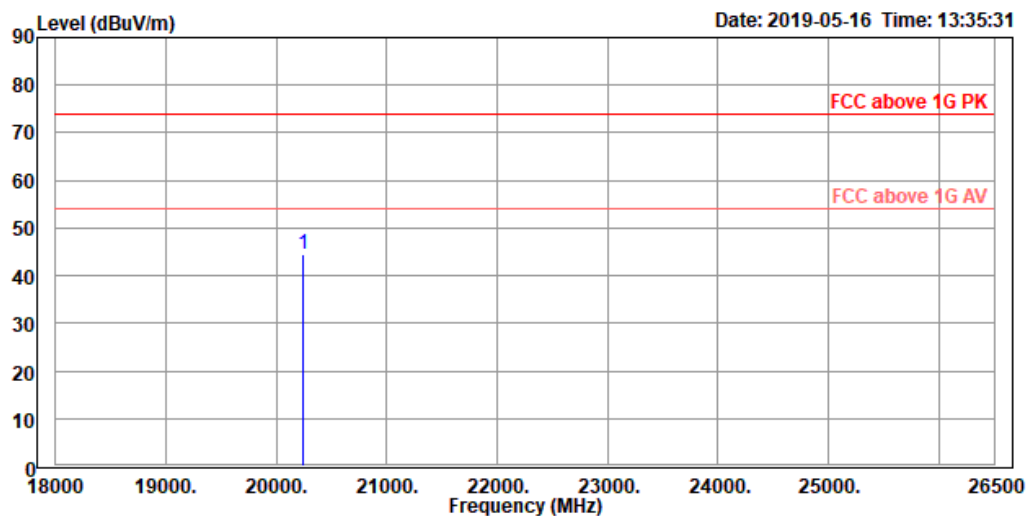


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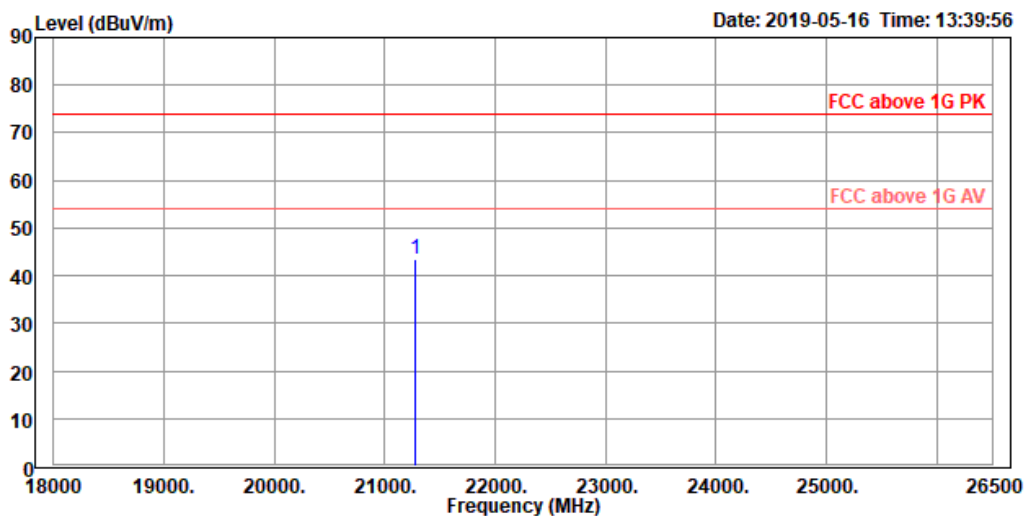
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2402-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22887.500	44.60	39.66	4.94	74.00	-29.40	100	129	Peak	



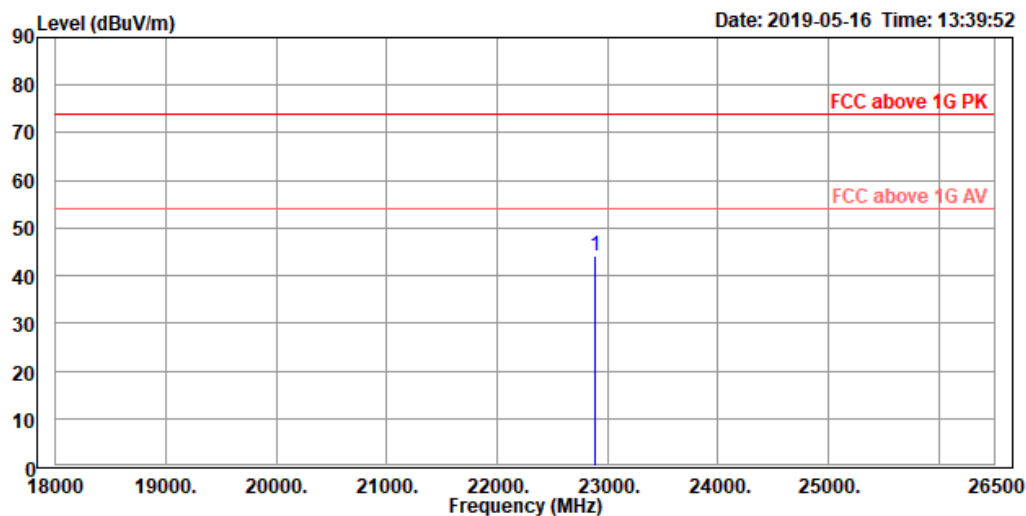
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2402-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20235.500	44.55	40.06	4.49	74.00	-29.45	100	152	Peak	



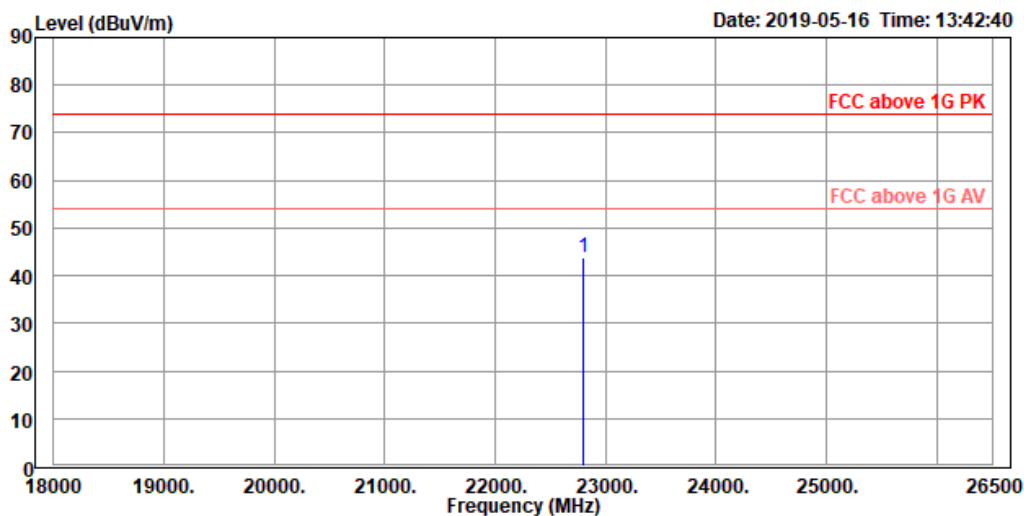
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21272.500	43.35	38.72	4.63	74.00	-30.65	100		3 Peak	



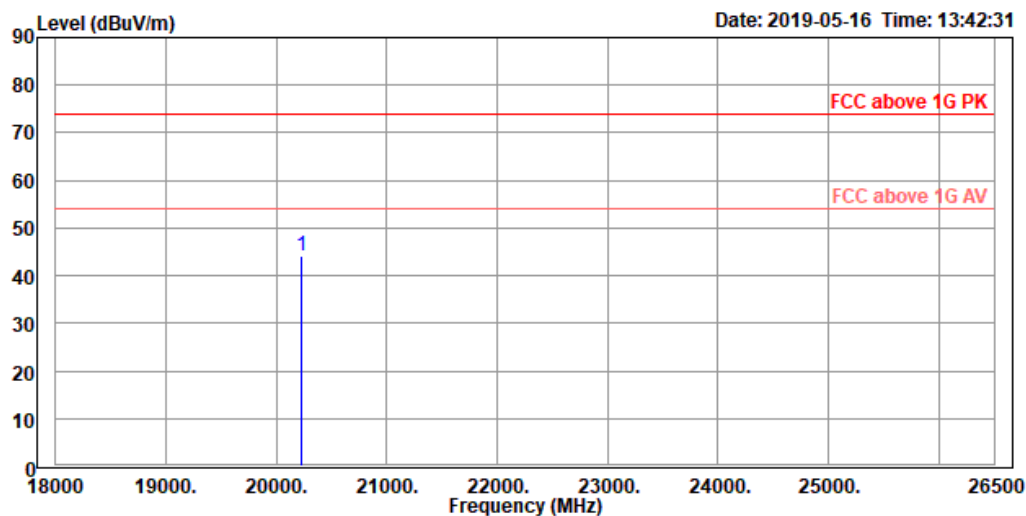
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22887.500	44.16	39.22	4.94	74.00	-29.84	100	214	Peak	



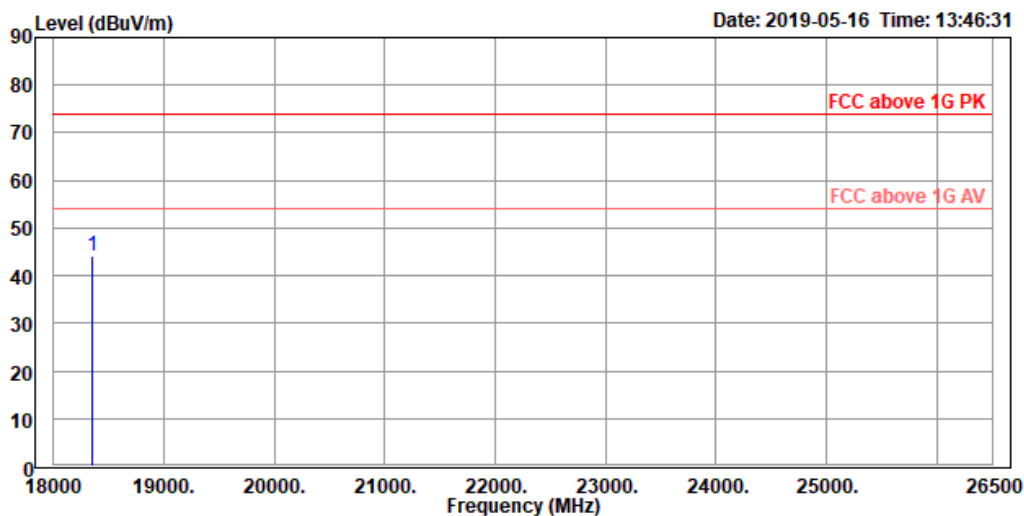
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2480-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22802.500	43.83	39.02	4.81	74.00	-30.17	100	213	Peak	



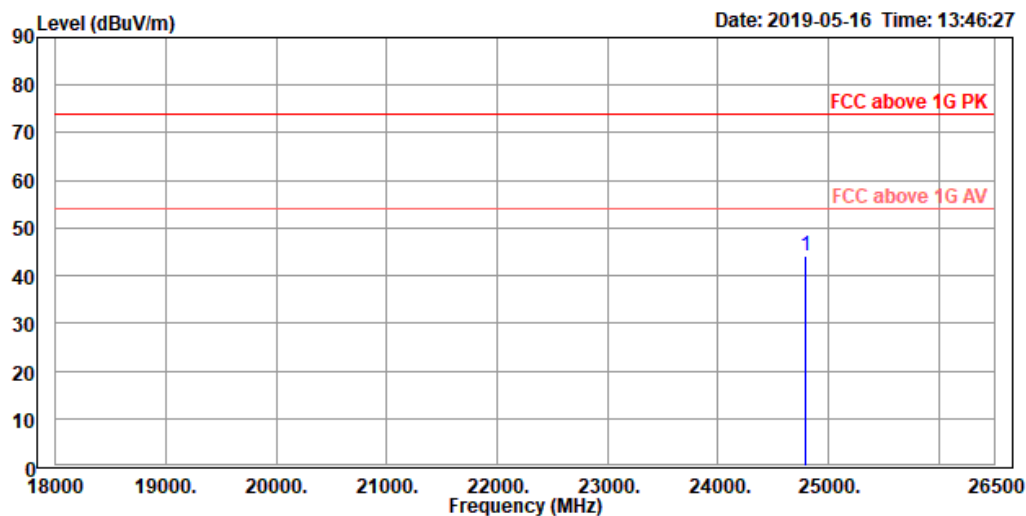
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2480-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20227.000	44.24	39.77	4.47	74.00	-29.76	100	207	Peak	



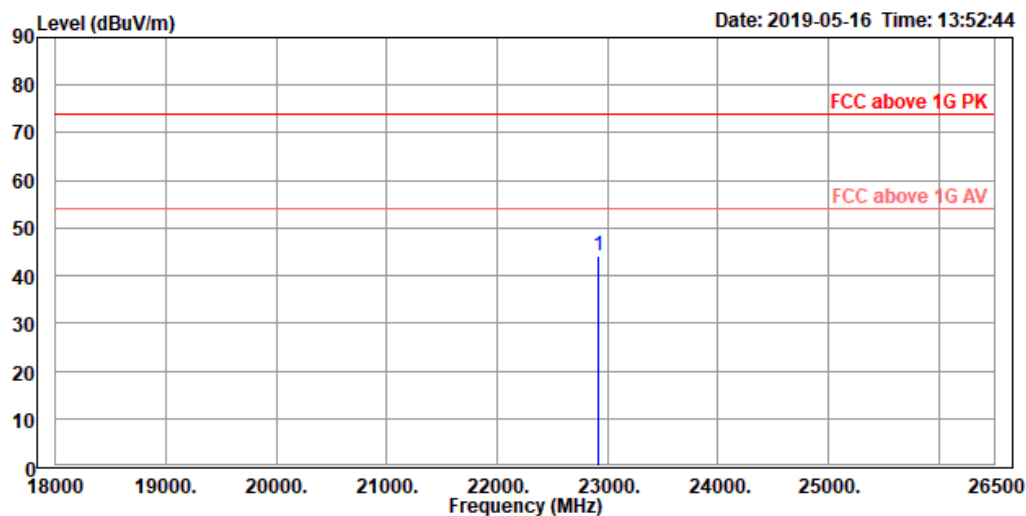
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2402-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	18348.500	44.27	39.88	4.39	74.00	-29.73	100	234	Peak	



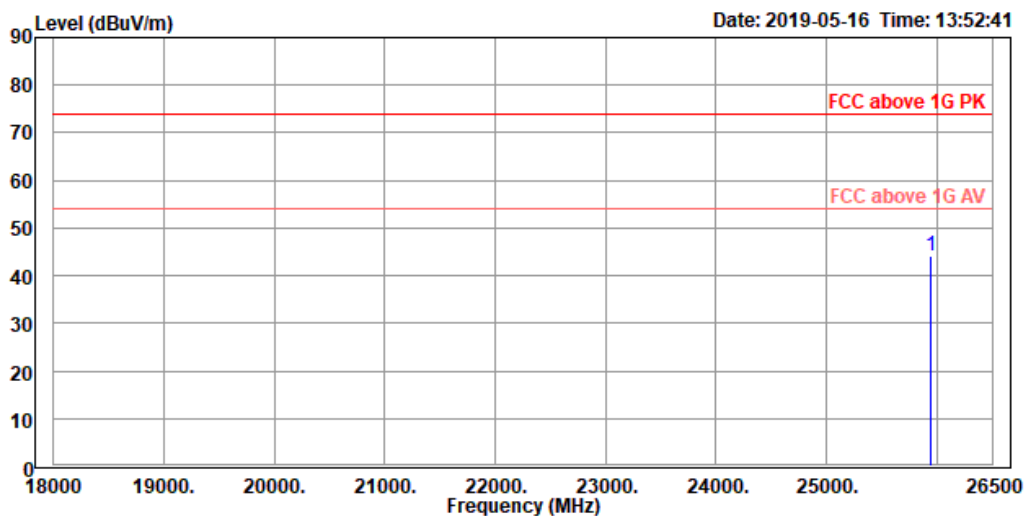
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m vertical
 Test Engineer: Curry Chen
 Applicant : SMK Corporation
 Product : Bluetooth low energy Module
 Model No. : BTS05
 Test Rating : DC 3.3V
 Tmp/Hum : 20°C/65%
 Memo : 2M-2402-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24791.500	44.14	39.08	5.06	74.00	-29.86	100	105	Peak	



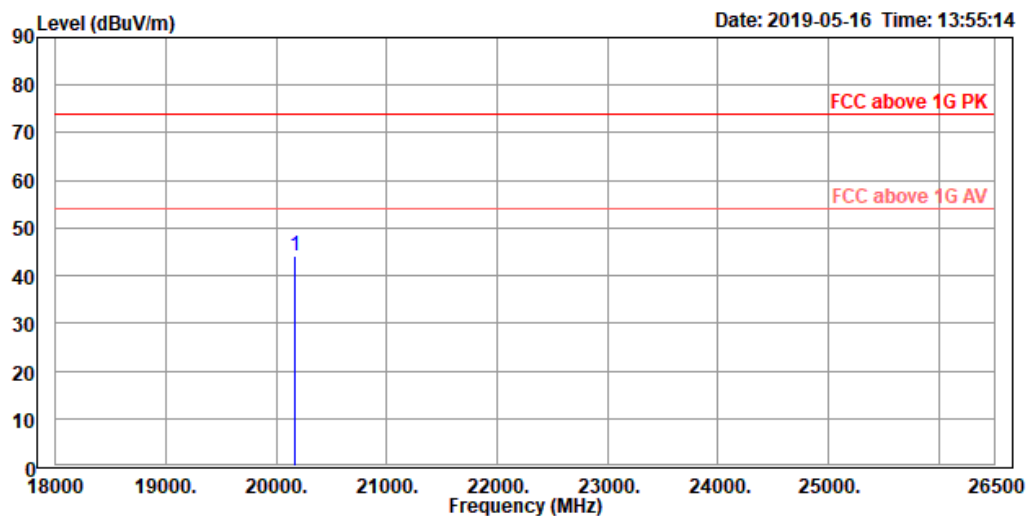
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22921.500	44.13	39.14	4.99	74.00	-29.87	100	241	Peak	



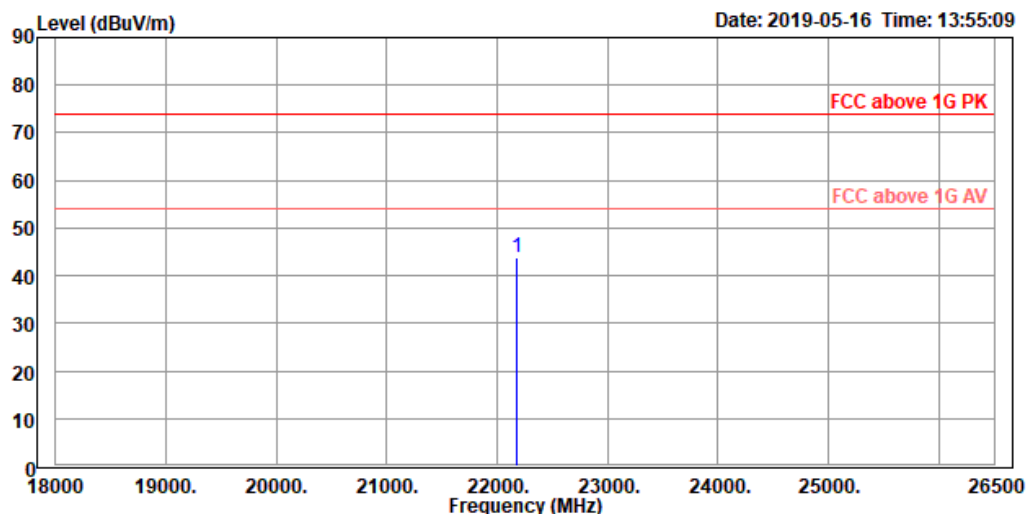
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	25947.500	44.17	38.53	5.64	74.00	-29.83	100	180	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2480-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20167.500	44.24	39.93	4.31	74.00	-29.76	100	254	Peak	



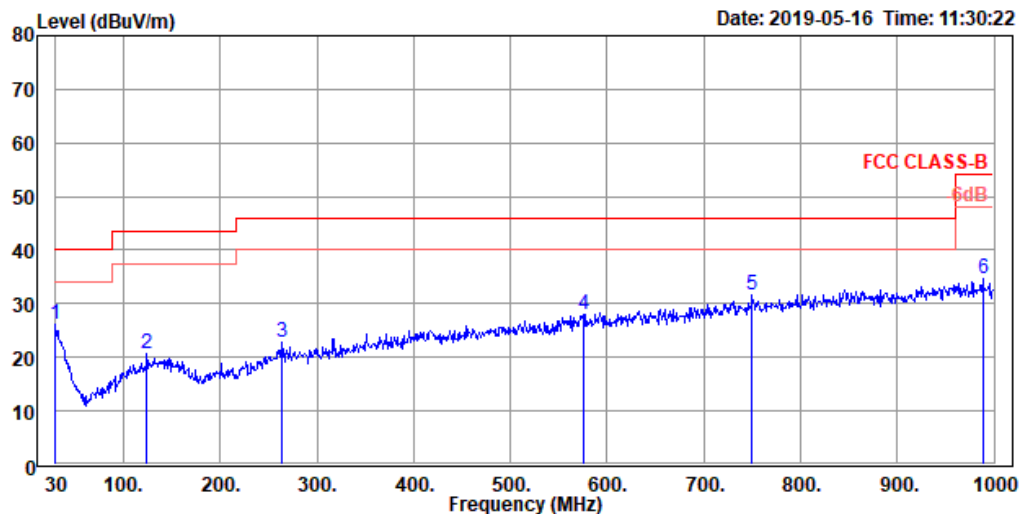
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2480-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22182.000	43.73	39.07	4.66	74.00	-30.27	100	295	Peak	

Spurious Emissions, TX Mode, 30M-1G

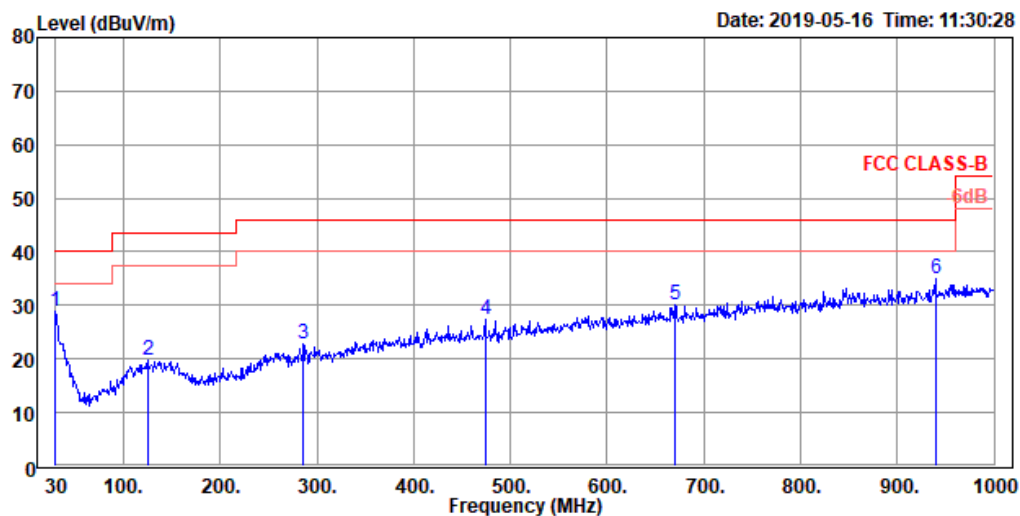


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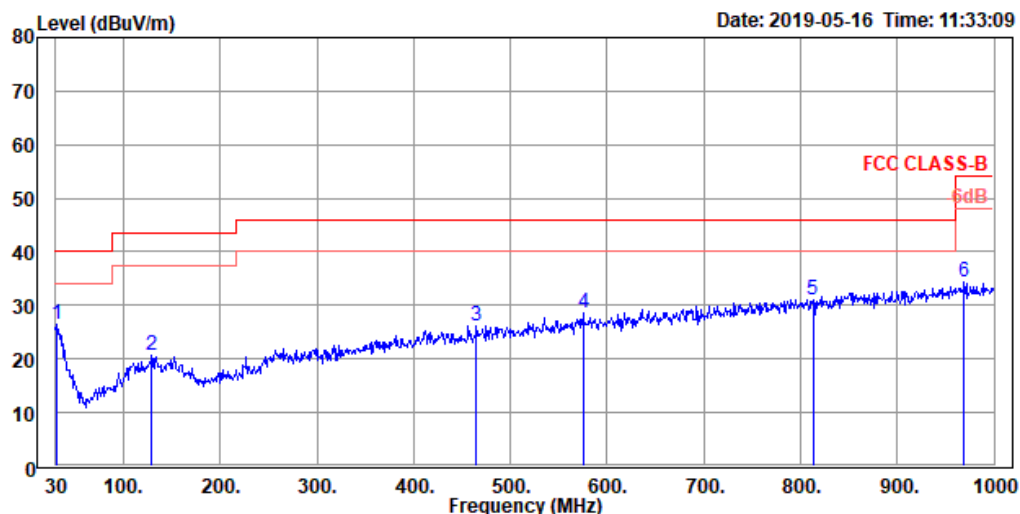
Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	26.25	26.28	-0.03	40.00	-13.75	100	360	QP	
2	124.090	20.65	27.87	-7.22	43.50	-22.85	100	136	QP	
3	263.770	22.67	27.73	-5.06	46.00	-23.33	100	118	QP	
4	575.140	28.04	27.91	0.13	46.00	-17.96	100	337	QP	
5	749.740	31.50	29.11	2.39	46.00	-14.50	100	209	QP	
6	988.360	34.81	28.90	5.91	54.00	-19.19	100	183	QP	



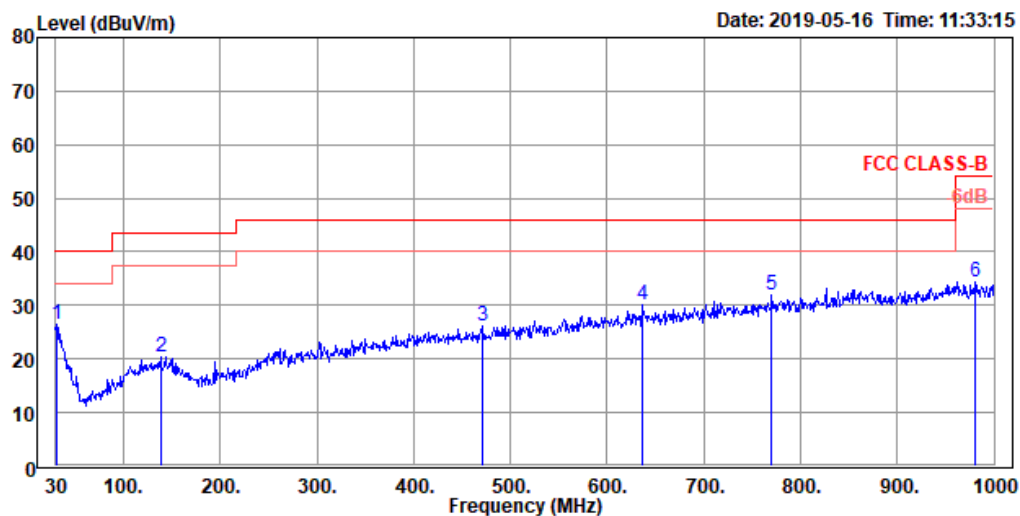
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	30.000	28.75	28.78	-0.03	40.00	-11.25	100	33 QP	
2	125.060	19.88	27.10	-7.22	43.50	-23.62	100	142 QP	
3	286.080	22.92	27.82	-4.90	46.00	-23.08	100	178 QP	
4	474.260	27.33	28.92	-1.59	46.00	-18.67	100	0 QP	
5	670.200	30.02	29.00	1.02	46.00	-15.98	100	259 QP	
6	939.860	34.94	29.58	5.36	46.00	-11.06	100	200 QP	



Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	30.970	26.53	27.05	-0.52	40.00	-13.47	100	342	QP
2	128.940	20.60	27.68	-7.08	43.50	-22.90	100	1	QP
3	464.560	26.12	27.87	-1.75	46.00	-19.88	100	360	QP
4	575.140	28.73	28.60	0.13	46.00	-17.27	100	360	QP
5	812.790	31.16	27.89	3.27	46.00	-14.84	100	251	QP
6	968.960	34.25	28.36	5.89	54.00	-19.75	100	114	QP



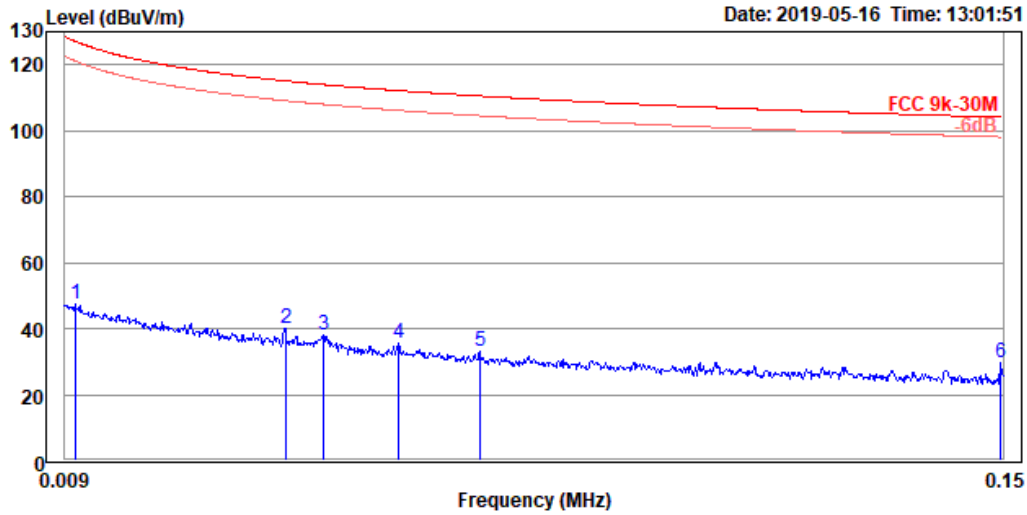
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.970	26.40	26.92	-0.52	40.00	-13.60	100	137	QP	
2	138.640	20.35	27.32	-6.97	43.50	-23.15	100	334	QP	
3	470.380	26.22	27.87	-1.65	46.00	-19.78	100	147	QP	
4	636.250	30.18	29.40	0.78	46.00	-15.82	100	245	QP	
5	770.110	31.97	29.22	2.75	46.00	-14.03	100	238	QP	
6	980.600	34.37	28.46	5.91	54.00	-19.63	100	125	QP	

Spurious Emissions, TX Mode, 9k-30M

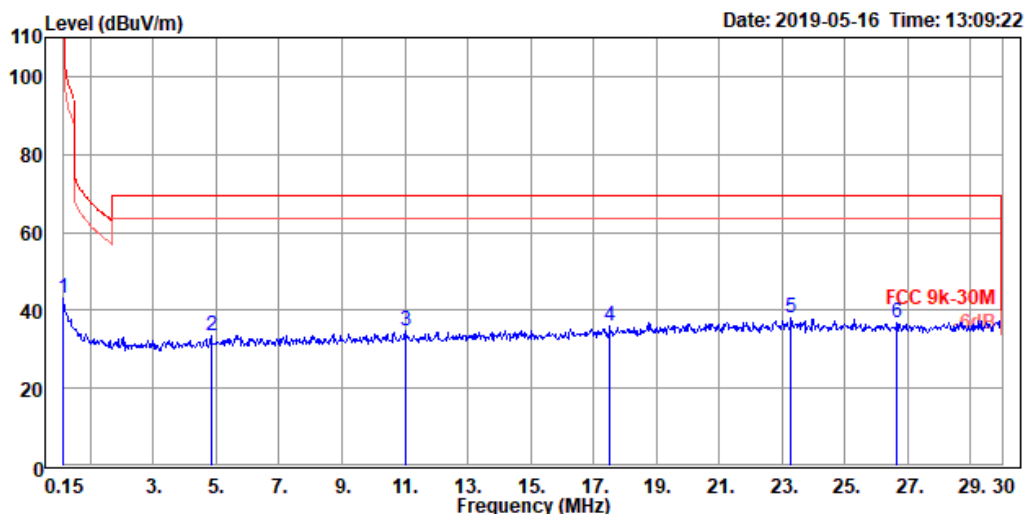


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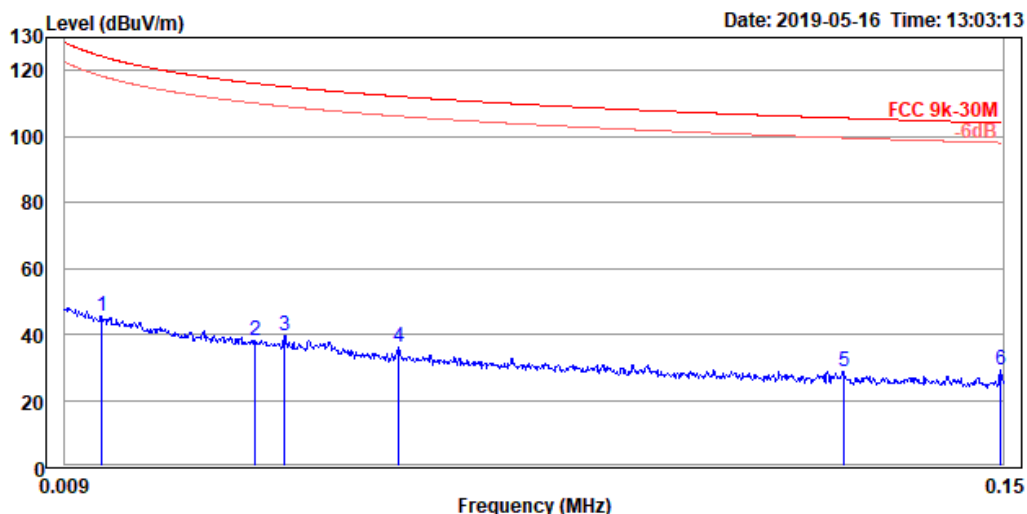
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.011	47.62	29.08	18.54	127.12	-79.50	100	1	QP	
2	0.042	40.15	21.07	19.08	115.10	-74.95	100	181	QP	
3	0.048	37.93	18.97	18.96	114.01	-76.08	100	69	QP	
4	0.059	35.42	16.61	18.81	112.15	-76.73	100	265	QP	
5	0.071	33.28	14.62	18.66	110.53	-77.25	100	333	QP	
6	0.150	29.49	11.14	18.35	104.09	-74.60	100	43	QP	



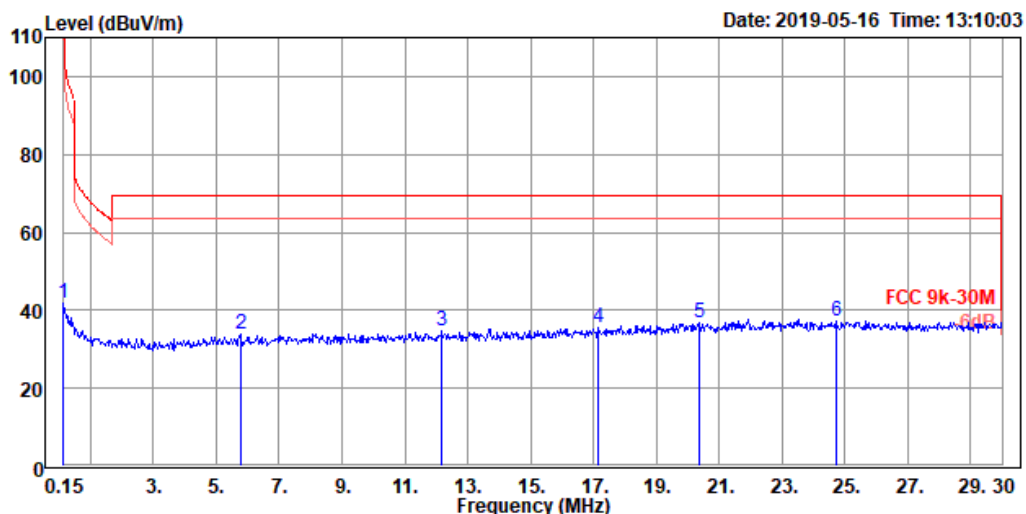
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-TX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit			
			dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.150	42.88	24.53	18.35	104.08	-61.20	100	6 QP	
2	4.836	33.37	13.97	19.40	69.50	-36.13	100	327 QP	
3	11.045	34.61	14.05	20.56	69.50	-34.89	100	165 QP	
4	17.523	36.02	14.70	21.32	69.50	-33.48	100	98 QP	
5	23.284	37.93	16.20	21.73	69.50	-31.57	100	245 QP	
6	26.657	36.90	15.05	21.85	69.50	-32.60	100	198 QP	



Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	0.014	45.69	26.99	18.70	124.36	-78.67	100	165	QP
2	0.037	38.10	18.93	19.17	116.12	-78.02	100	235	QP
3	0.042	39.69	20.61	19.08	115.13	-75.44	100	354	QP
4	0.059	35.98	17.17	18.81	112.15	-76.17	100	1	QP
5	0.126	28.80	10.46	18.34	105.59	-76.79	100	188	QP
6	0.150	29.31	10.96	18.35	104.09	-74.78	100	123	QP



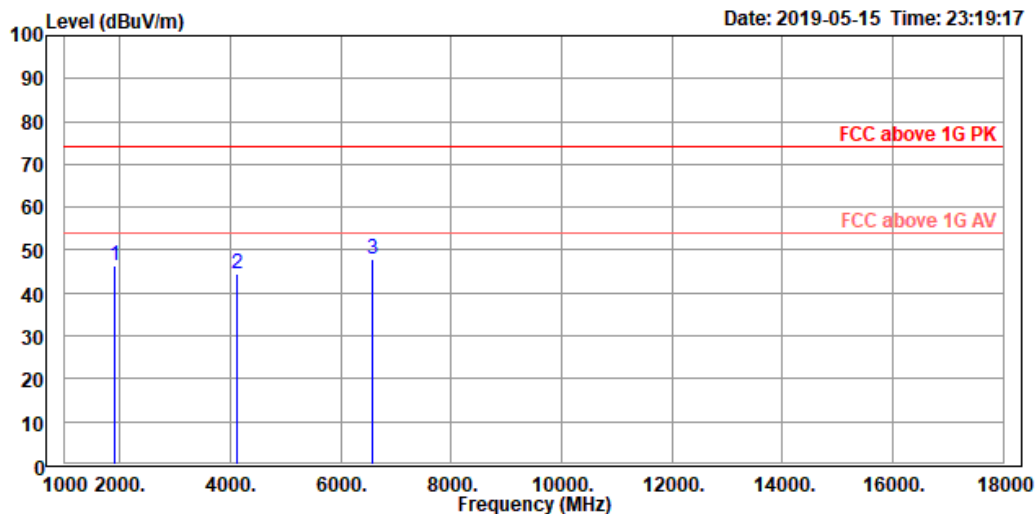
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-TX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit			
			dBuV	dB/m	dBuV/m	dB	cm	deg	
1	0.150	41.92	23.57	18.35	104.08	-62.16	100	238 QP	
2	5.762	33.71	14.09	19.62	69.50	-35.79	100	9 QP	
3	12.180	34.90	14.21	20.69	69.50	-34.60	100	349 QP	
4	17.135	35.40	14.13	21.27	69.50	-34.10	100	360 QP	
5	20.388	36.70	15.08	21.62	69.50	-32.80	100	111 QP	
6	24.746	37.41	15.63	21.78	69.50	-32.09	100	182 QP	

Spurious Emissions, RX Mode, 1-18G

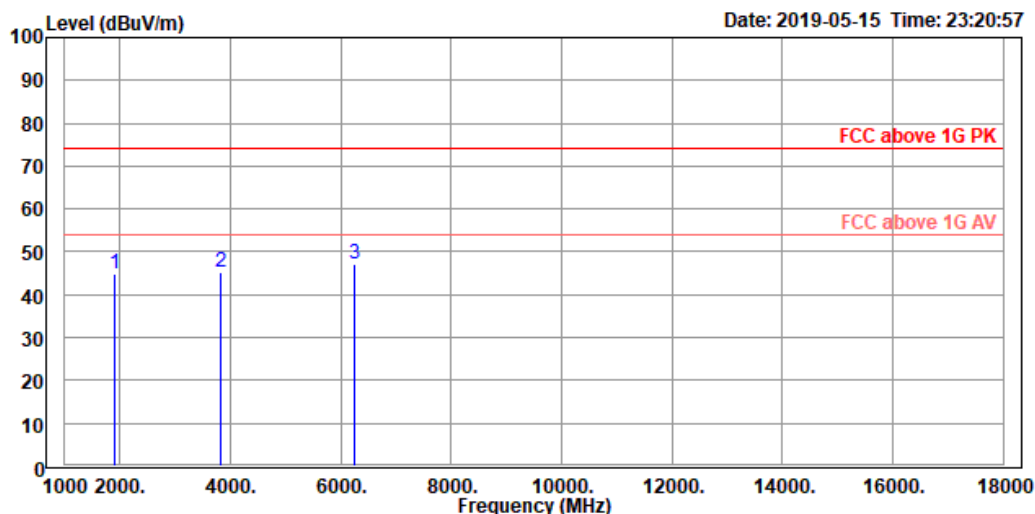


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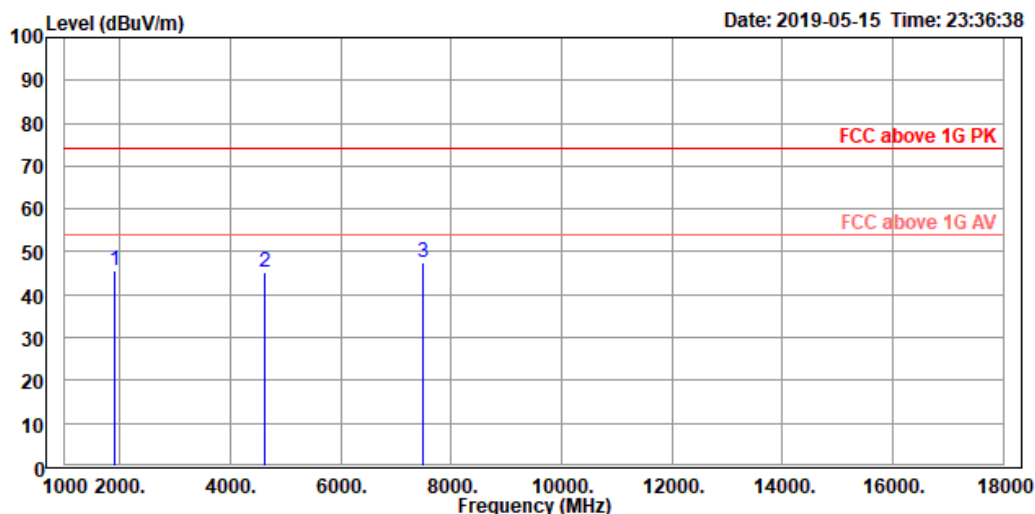
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2440-Rx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	46.43	55.22	-8.79	74.00	-27.57	100	85	Peak	
2	4128.985	44.32	49.57	-5.25	74.00	-29.68	100	132	Peak	
3	6568.116	48.05	43.74	4.31	74.00	-25.95	100	145	Peak	



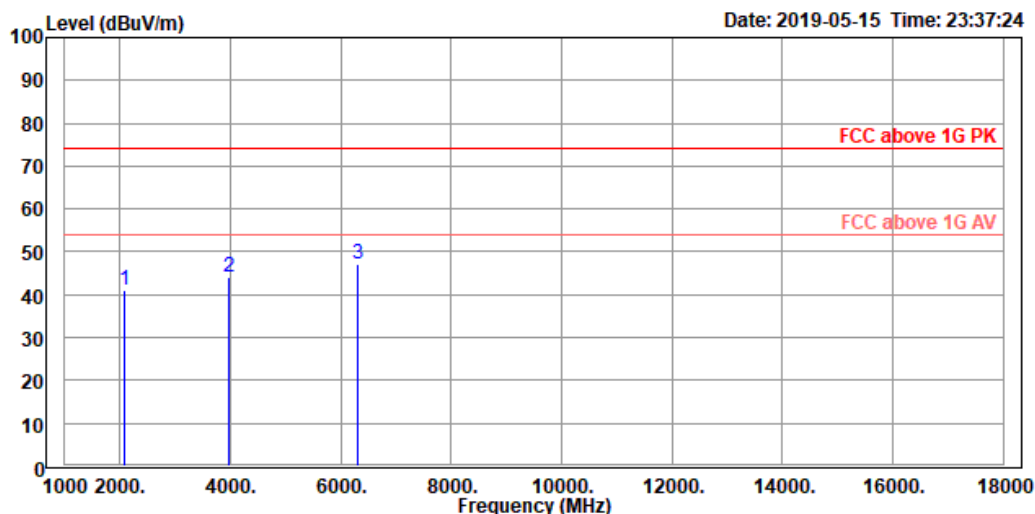
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 1M-2440-Rx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	44.98	53.77	-8.79	74.00	-29.02	100	272	Peak	
2	3833.333	45.07	51.18	-6.11	74.00	-28.93	100	141	Peak	
3	6247.826	47.22	43.85	3.37	74.00	-26.78	100	261	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2440-Rx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	1911.594	45.66	54.45	-8.79	74.00	-28.34	100	81	Peak	
2	4621.739	45.15	48.86	-3.71	74.00	-28.85	100	173	Peak	
3	7479.710	47.59	42.70	4.89	74.00	-26.41	100	119	Peak	



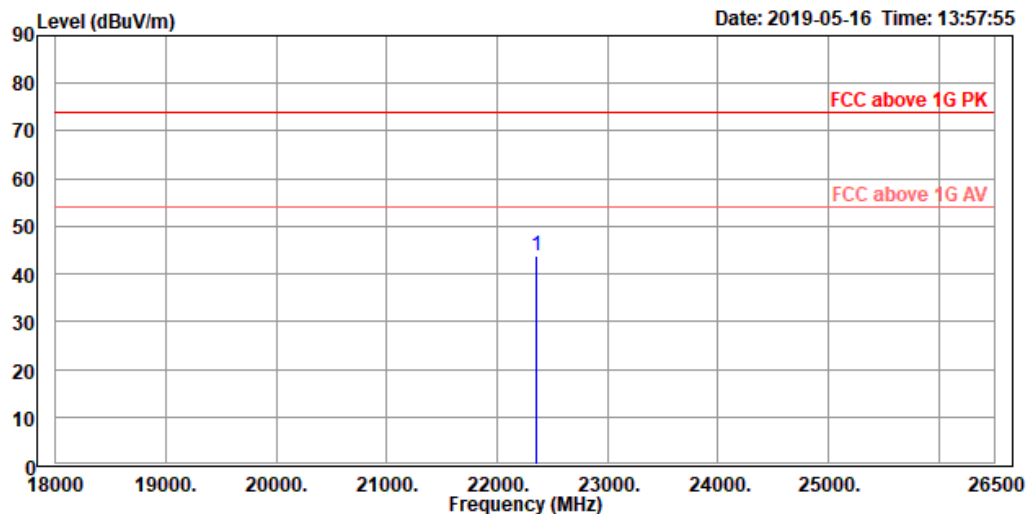
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kai Wang
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 21.8°C/51%
Memo : 2M-2440-Rx

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2084.058	41.12	49.29	-8.17	74.00	-32.88	100	188	Peak	
2	3981.159	44.17	49.94	-5.77	74.00	-29.83	100	358	Peak	
3	6321.739	47.10	43.43	3.67	74.00	-26.90	100	350	Peak	

Spurious Emissions, RX Mode, 18-26G

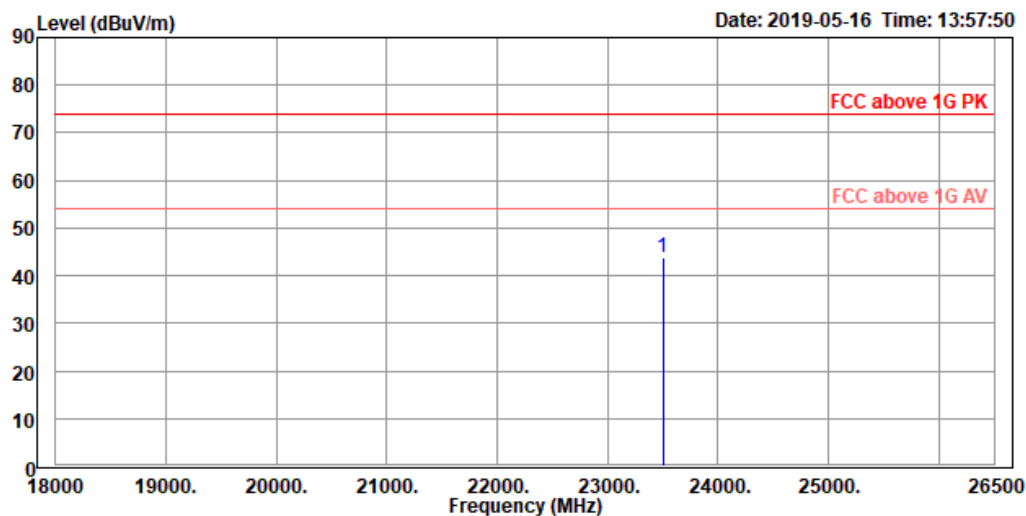


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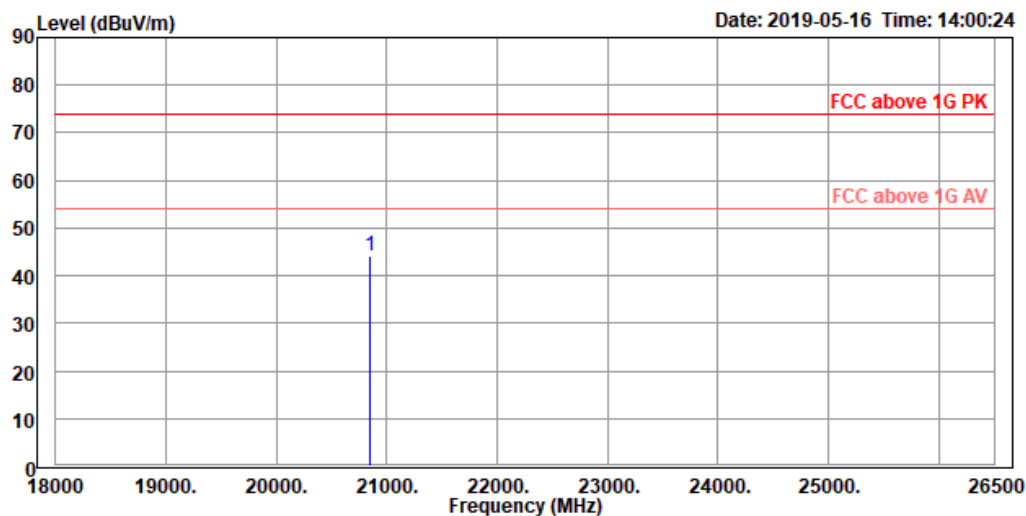
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22360.500	43.72	39.10	4.62	74.00	-30.28	100	96	Peak	



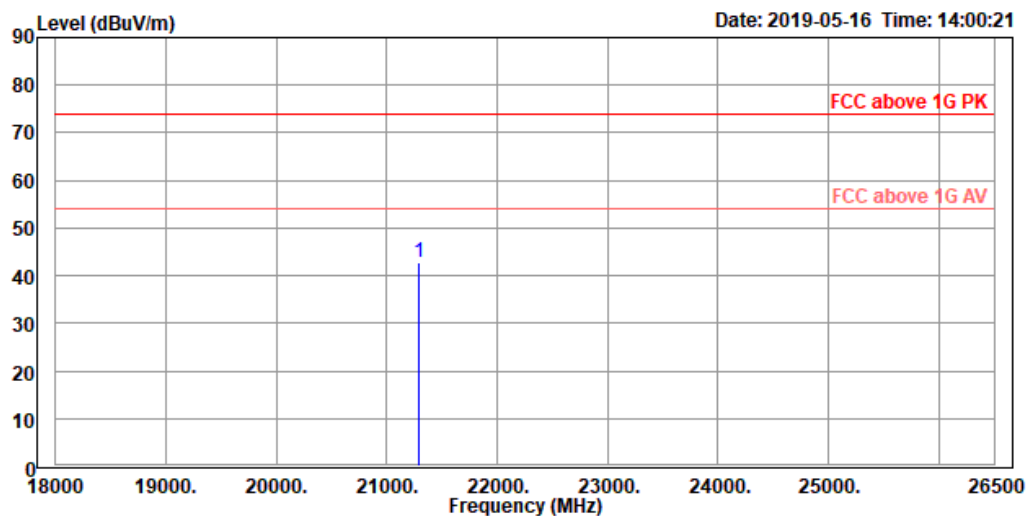
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	23499.500	43.83	38.56	5.27	74.00	-30.17	100	293	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20839.000	44.13	39.80	4.33	74.00	-29.87	100		1 Peak	



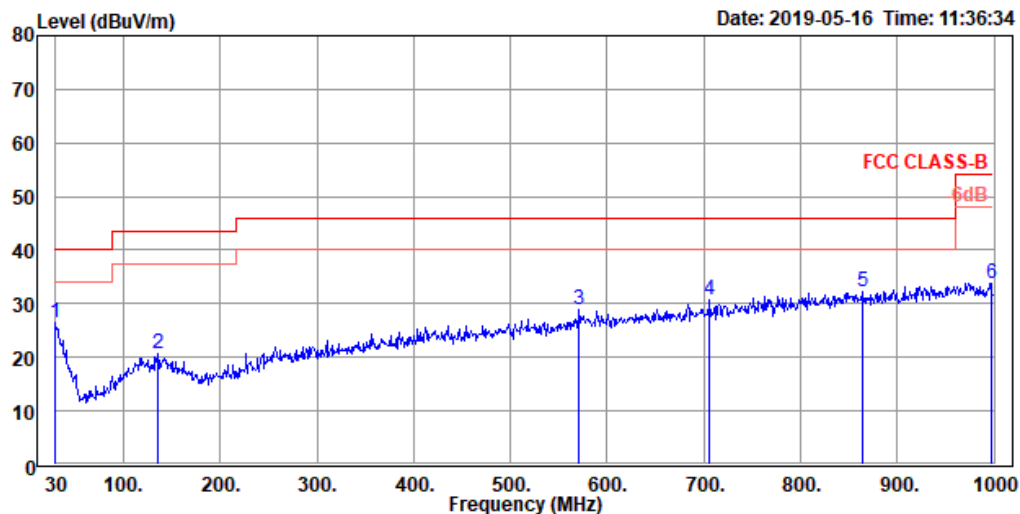
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21289.500	42.89	38.28	4.61	74.00	-31.11	100	0	Peak	

Spurious Emissions, RX Mode, 30M-1G

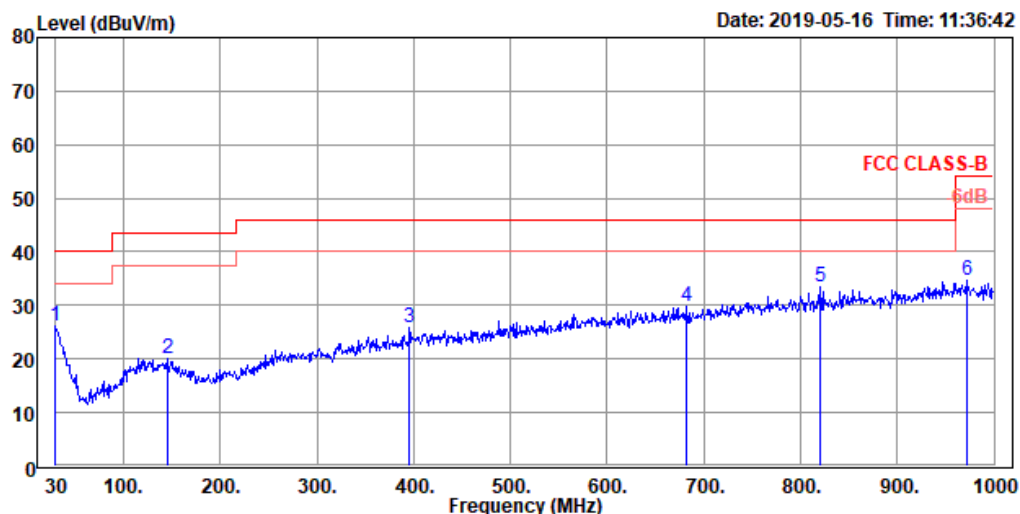


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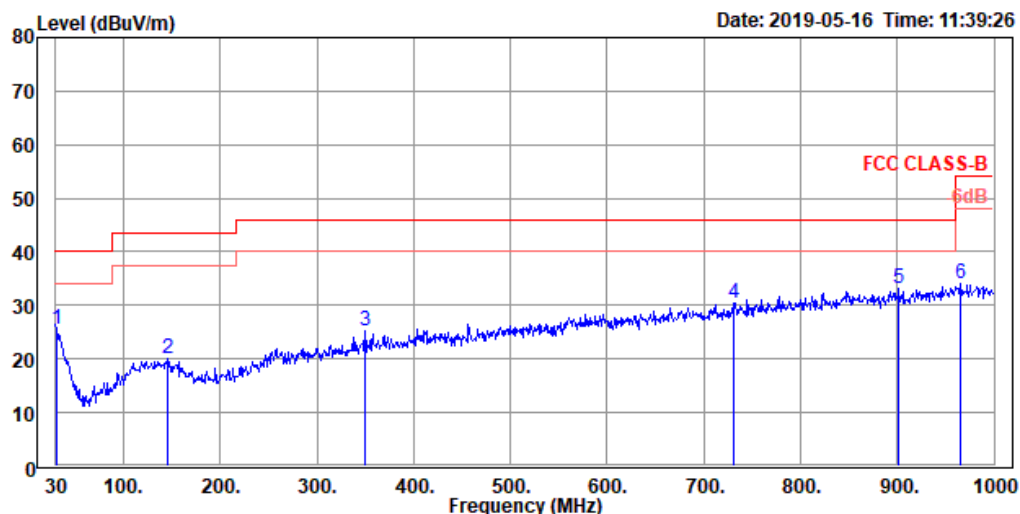
Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	26.55	26.58	-0.03	40.00	-13.45	100	208	QP	
2	134.760	20.58	27.52	-6.94	43.50	-22.92	100	2	QP	
3	571.260	28.78	28.65	0.13	46.00	-17.22	100	140	QP	
4	706.090	30.70	29.33	1.37	46.00	-15.30	100	286	QP	
5	864.200	32.14	27.96	4.18	46.00	-13.86	100	94	QP	
6	997.090	33.77	27.89	5.88	54.00	-20.23	100	29	QP	



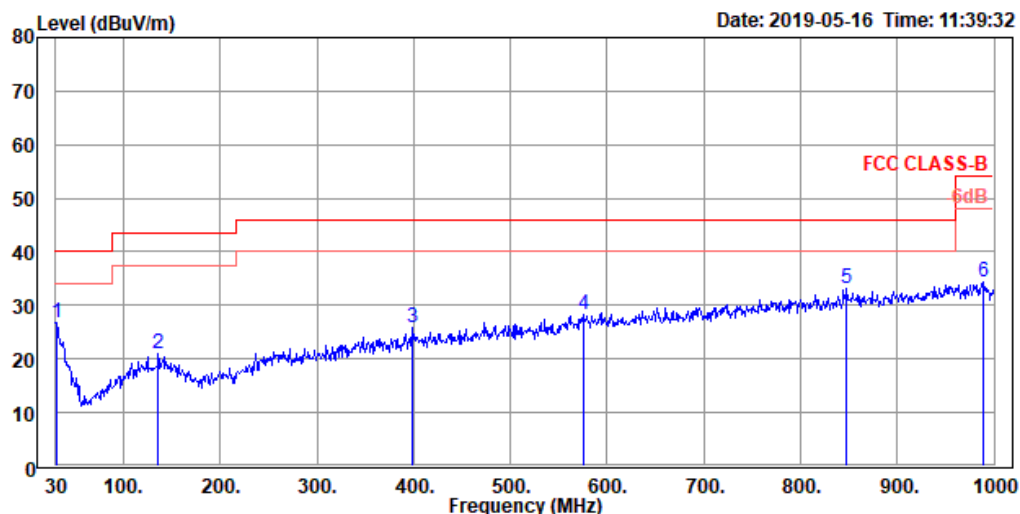
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit			
			dBuV	dB/m	dBuV/m	dB	cm	deg	
1	30.000	26.09	26.12	-0.03	40.00	-13.91	100	224	QP
2	145.430	20.20	27.30	-7.10	43.50	-23.30	100	0	QP
3	395.690	25.71	28.25	-2.54	46.00	-20.29	100	236	QP
4	682.810	29.77	28.53	1.24	46.00	-16.23	100	33	QP
5	819.580	33.35	29.98	3.37	46.00	-12.65	100	334	QP
6	971.870	34.68	28.80	5.88	54.00	-19.32	100	0	QP



Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.970	25.46	25.98	-0.52	40.00	-14.54	100	360	QP	
2	146.400	20.09	27.24	-7.15	43.50	-23.41	100	323	QP	
3	349.130	25.10	28.45	-3.35	46.00	-20.90	100	128	QP	
4	730.340	30.46	28.52	1.94	46.00	-15.54	100	14	QP	
5	902.030	33.20	28.78	4.42	46.00	-12.80	100	234	QP	
6	966.050	34.13	28.19	5.94	54.00	-19.87	100	4	QP	



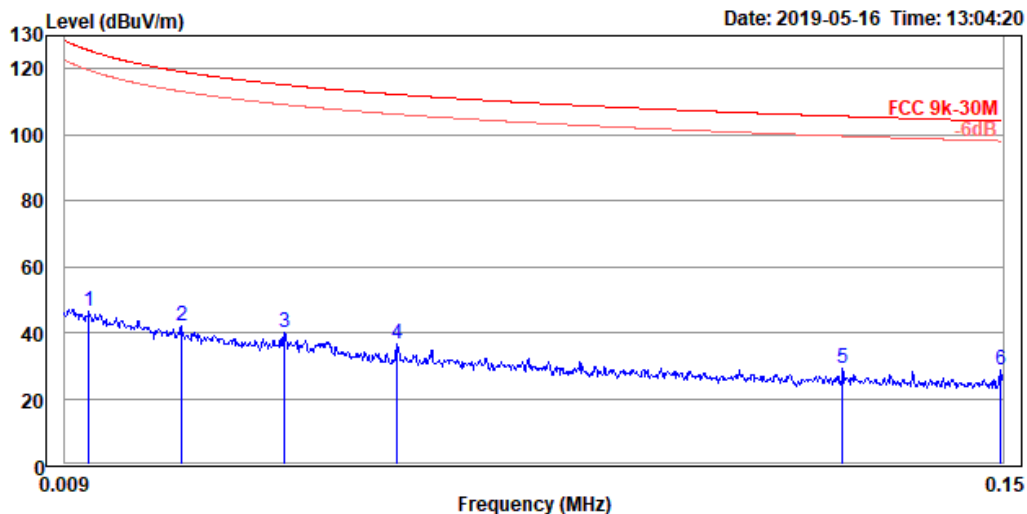
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	30.970	26.86	27.38	-0.52	40.00	-13.14	100	174	QP
2	135.730	20.91	27.91	-7.00	43.50	-22.59	100	317	QP
3	398.600	25.97	28.34	-2.37	46.00	-20.03	100	347	QP
4	575.140	28.22	28.09	0.13	46.00	-17.78	100	170	QP
5	847.710	33.14	29.29	3.85	46.00	-12.86	100	0	QP
6	988.360	34.34	28.43	5.91	54.00	-19.66	100	181	QP

Spurious Emissions, RX Mode, 9K-30M

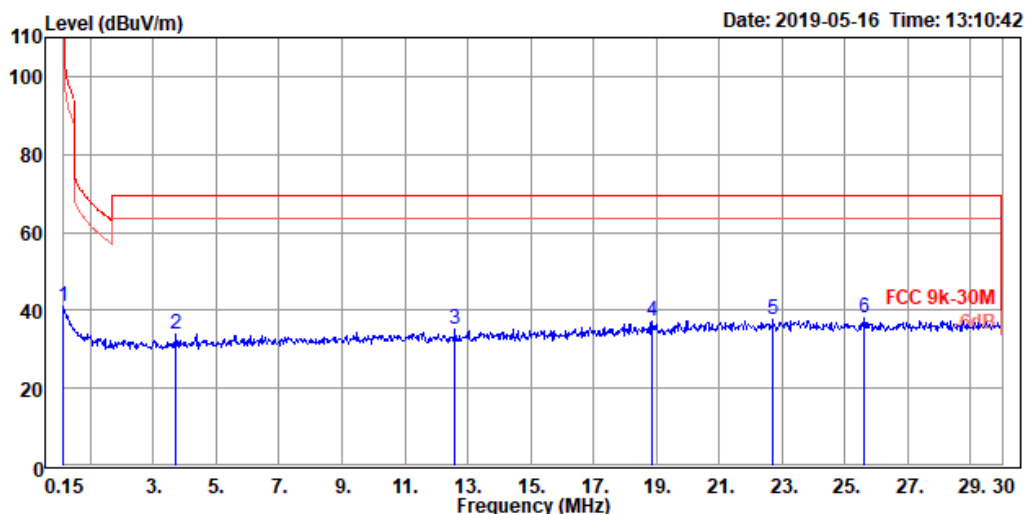


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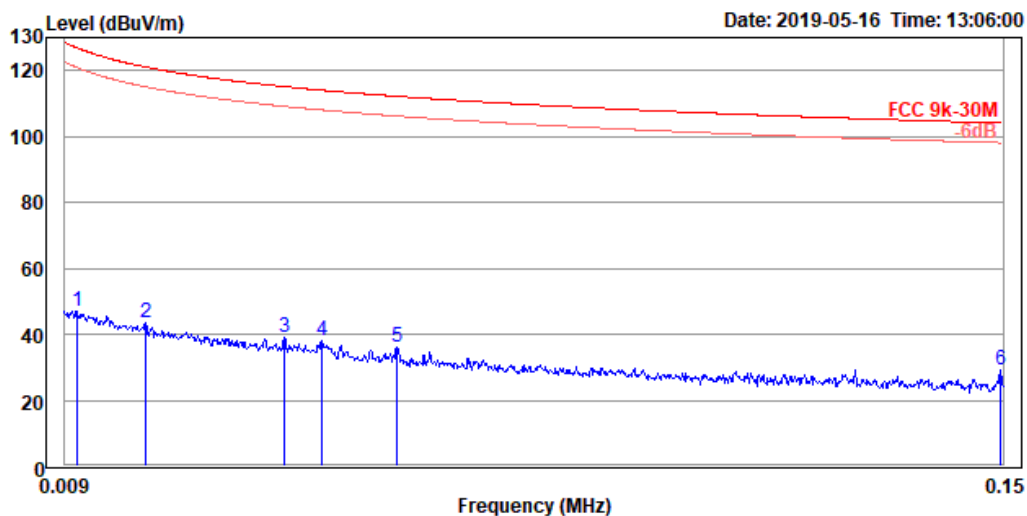
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.013	46.47	27.84	18.63	125.53	-79.06	100	299	QP	
2	0.026	42.23	23.05	19.18	119.13	-76.90	100	178	QP	
3	0.042	39.86	20.78	19.08	115.13	-75.27	100	128	QP	
4	0.059	36.48	17.67	18.81	112.19	-75.71	100	10	QP	
5	0.126	29.06	10.72	18.34	105.60	-76.54	100	287	QP	
6	0.150	28.77	10.42	18.35	104.09	-75.32	100	17	QP	



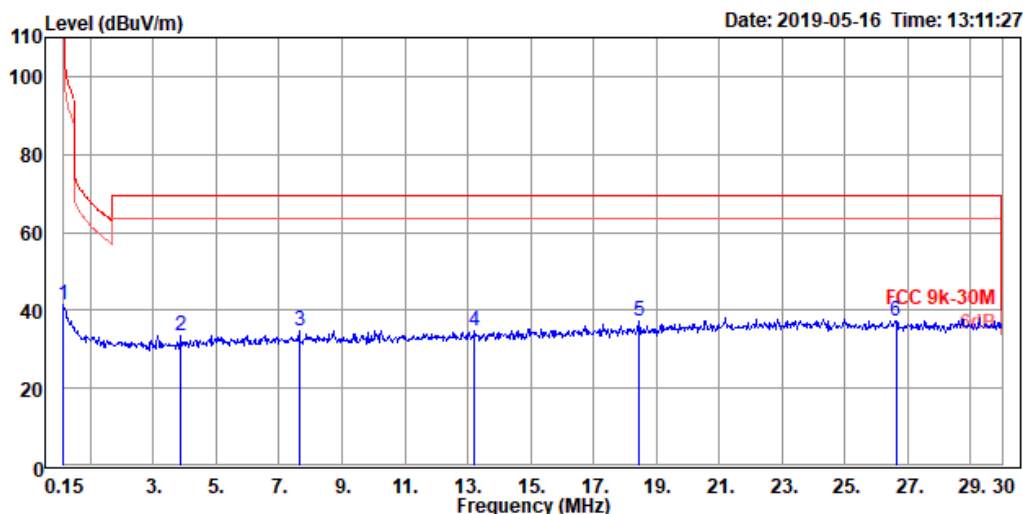
Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 1M-2440-RX

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.150	41.09	22.74	18.35	104.08	-62.99	100	88	QP	
2	3.732	33.90	15.03	18.87	69.50	-35.60	100	133	QP	
3	12.597	35.21	14.46	20.75	69.50	-34.29	100	98	QP	
4	18.866	37.20	15.72	21.48	69.50	-32.30	100	289	QP	
5	22.717	37.52	15.82	21.70	69.50	-31.98	100	177	QP	
6	25.612	38.22	16.41	21.81	69.50	-31.28	100	354	QP	



Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
1	0.011	46.77	28.22	18.55	126.89	-80.12	100	66 QP	
2	0.021	43.63	24.66	18.97	121.09	-77.46	100	18 QP	
3	0.042	38.97	19.89	19.08	115.13	-76.16	100	287 QP	
4	0.048	37.96	18.99	18.97	114.03	-76.07	100	310 QP	
5	0.059	35.89	17.08	18.81	112.19	-76.30	100	10 QP	
6	0.150	29.28	10.93	18.35	104.09	-74.81	100	266 QP	

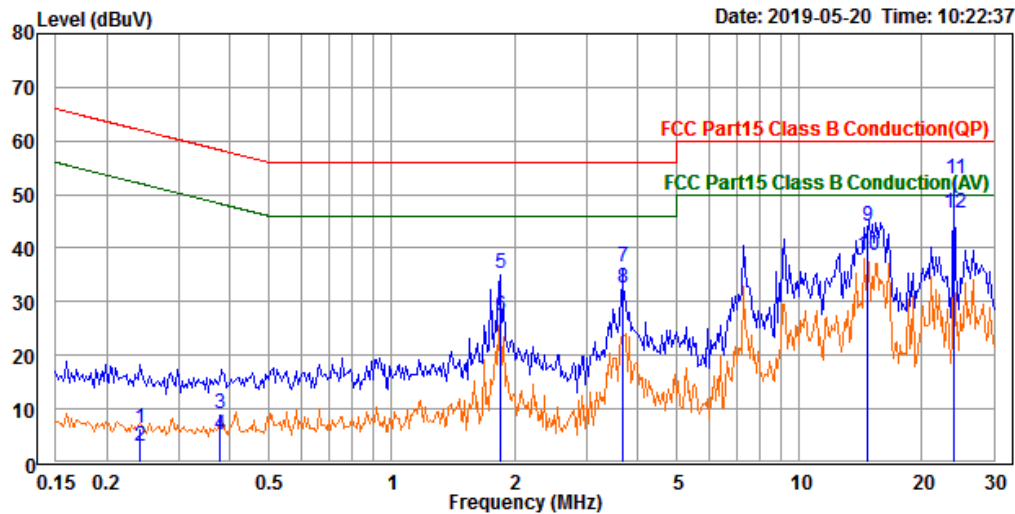


Site : 966A Chamber A
Condition : FCC 9k-30M 3m Vertical
Test Engineer: Curry Chen
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : DC 3.3V
Tmp/Hum : 20°C/65%
Memo : 2M-2440-RX

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.150	41.36	23.01	18.35	104.08	-62.72	100	281	QP	
2	3.881	33.63	14.69	18.94	69.50	-35.87	100	18	QP	
3	7.642	34.70	14.71	19.99	69.50	-34.80	100	66	QP	
4	13.224	34.87	14.06	20.81	69.50	-34.63	100	169	QP	
5	18.448	37.42	16.00	21.42	69.50	-32.08	100	291	QP	
6	26.627	37.43	15.58	21.85	69.50	-32.07	100	358	QP	



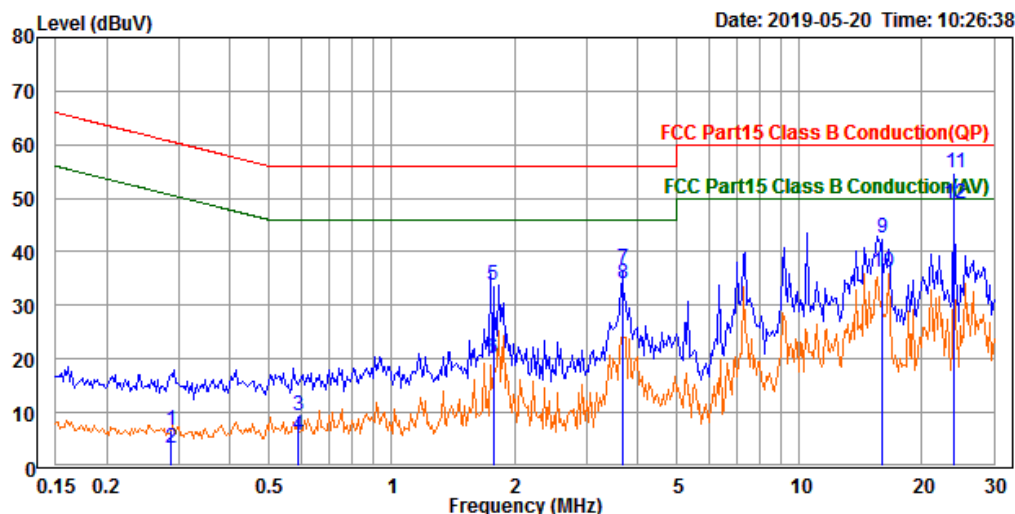
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Tel: +886-2172-7000 Fax: +886-2528-0018



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Amy Hsu
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : 120Vac/60Hz
Tmp/Hum : 25.8°C/39%
Memo :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.241	-3.36	9.68	6.32	62.07	-55.75	QP
2	0.241	-6.73	9.68	2.95	52.07	-49.12	Average
3	0.378	-0.67	9.69	9.02	58.33	-49.31	QP
4	0.378	-4.49	9.69	5.20	48.33	-43.13	Average
5	1.843	25.66	9.72	35.38	56.00	-20.62	QP
6	1.843	17.60	9.72	27.32	46.00	-18.68	Average
7	3.686	26.80	9.74	36.54	56.00	-19.46	QP
8	3.686	22.77	9.74	32.51	46.00	-13.49	Average
9	14.746	34.33	9.84	44.17	60.00	-15.83	QP
10	14.746	28.82	9.84	38.66	50.00	-11.34	Average
11	24.006	43.14	9.85	52.99	60.00	-7.01	QP
12	24.006	36.55	9.85	46.40	50.00	-3.60	Average



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Amy Hsu
Applicant : SMK Corporation
Product : Bluetooth low energy Module
Model No. : BTS05
Test Rating : 120Vac/60Hz
Tmp/Hum : 25.8°C/39%
Memo :

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.286	-2.92	9.67	6.75	60.63	-53.88	QP
2	0.286	-6.42	9.67	3.25	50.63	-47.38	Average
3	0.589	-0.12	9.68	9.56	56.00	-46.44	QP
4	0.589	-3.84	9.68	5.84	46.00	-40.16	Average
5	1.773	24.01	9.72	33.73	56.00	-22.27	QP
6	1.773	10.26	9.72	19.98	46.00	-26.02	Average
7	3.687	27.12	9.74	36.86	56.00	-19.14	QP
8	3.687	24.27	9.74	34.01	46.00	-11.99	Average
9	16.000	32.60	9.88	42.48	60.00	-17.52	QP
10	16.000	26.32	9.88	36.20	50.00	-13.80	Average
11	24.000	44.89	9.93	54.82	60.00	-5.18	QP
12	24.000	39.18	9.93	49.11	50.00	-0.89	Average