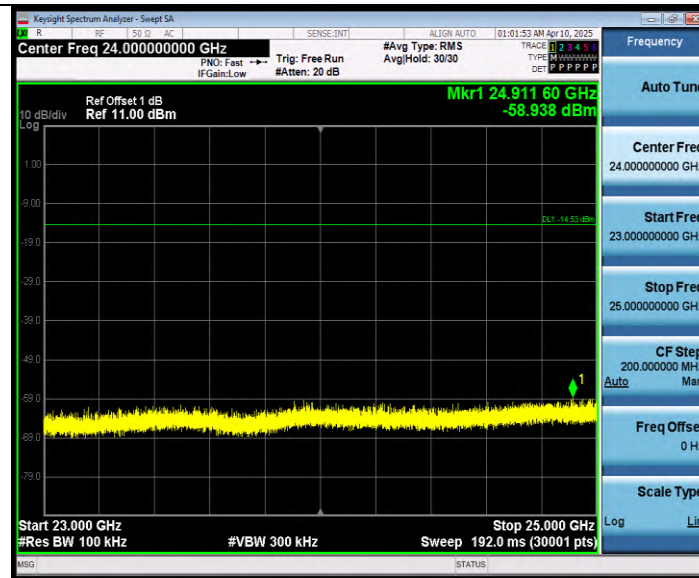
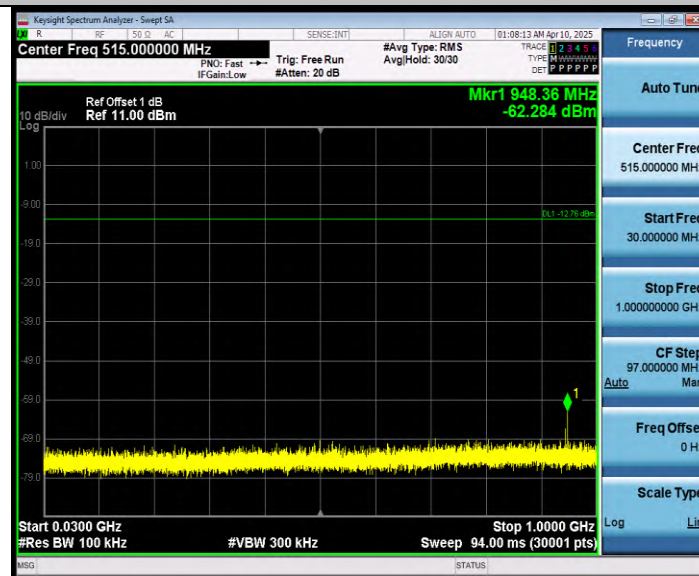
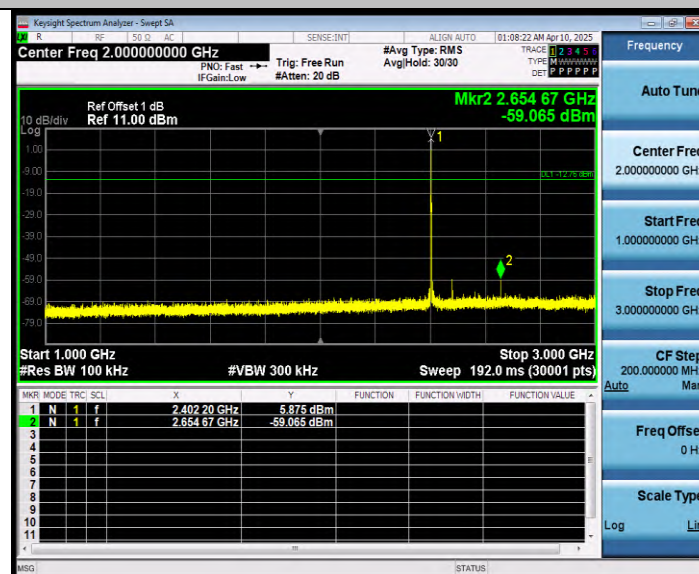




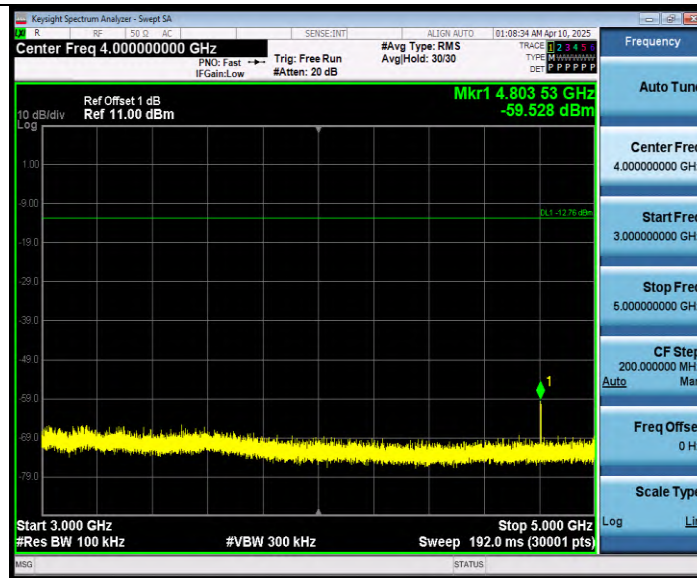
BLE_500K_Ant1_2402_30~1000



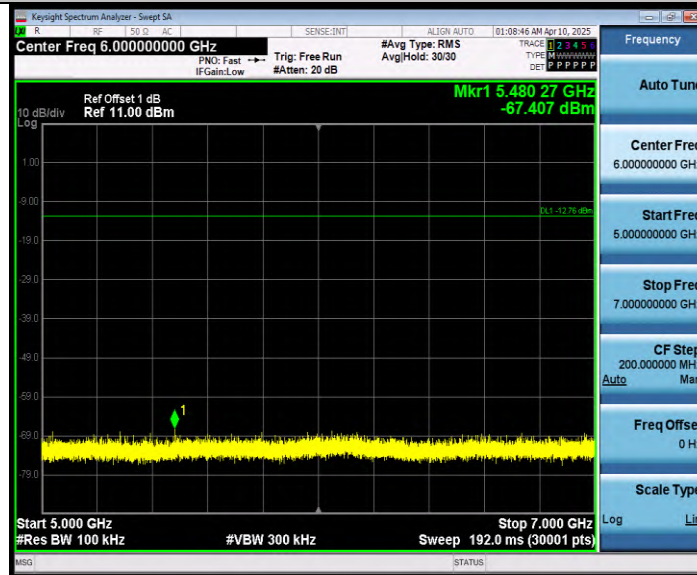
BLE_500K_Ant1_2402_1000~3000



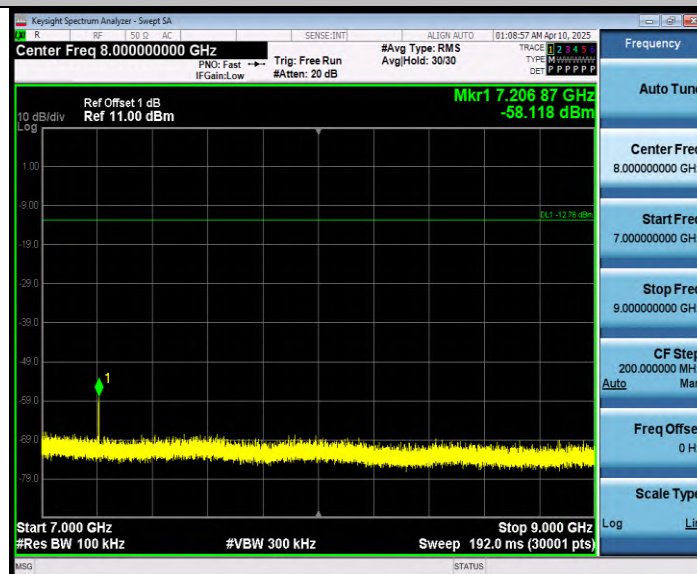
BLE_500K_Ant1_2402_3000~5000



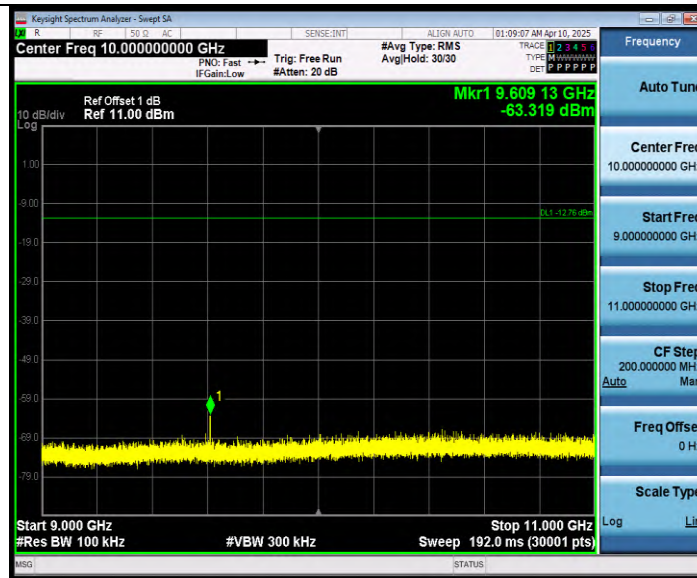
BLE_500K_Ant1_2402_5000~7000



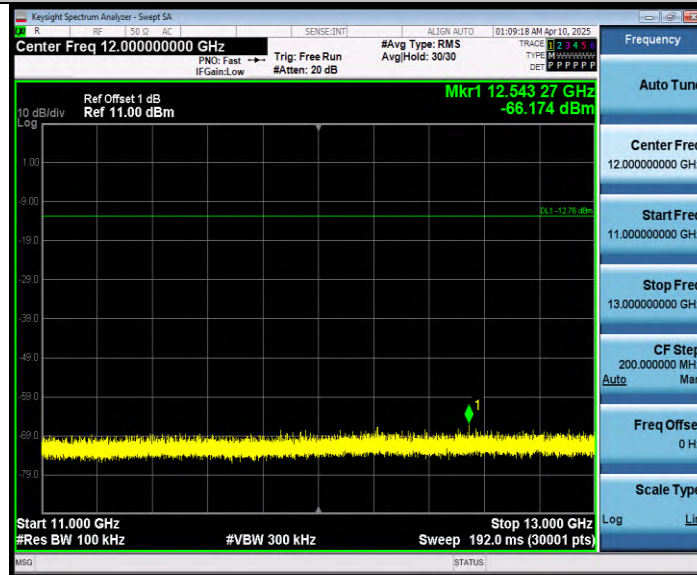
BLE_500K_Ant1_2402_7000~9000



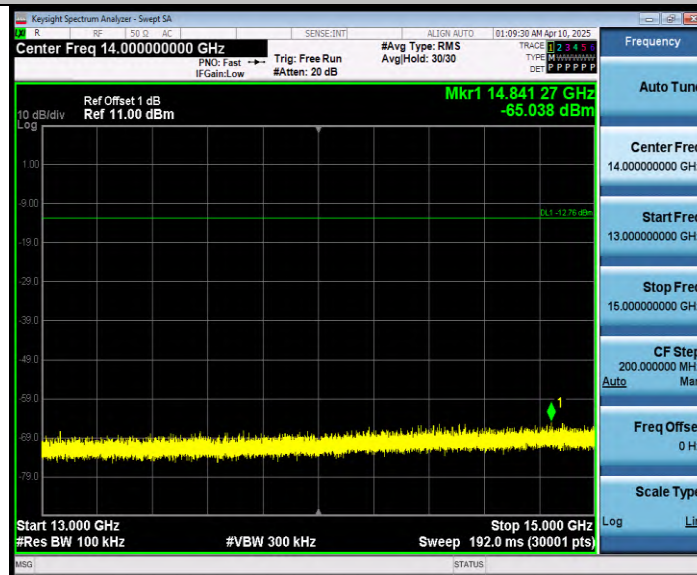
BLE_500K_Ant1_2402_9000~11000



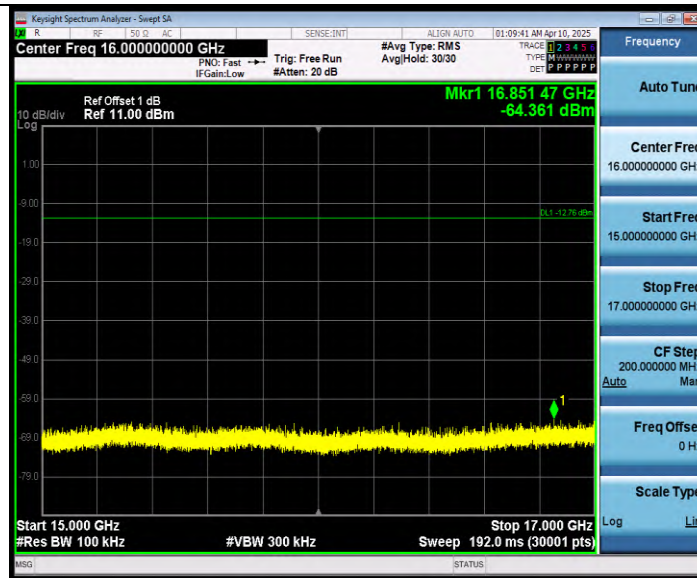
BLE_500K_Ant1_2402_11000~13000



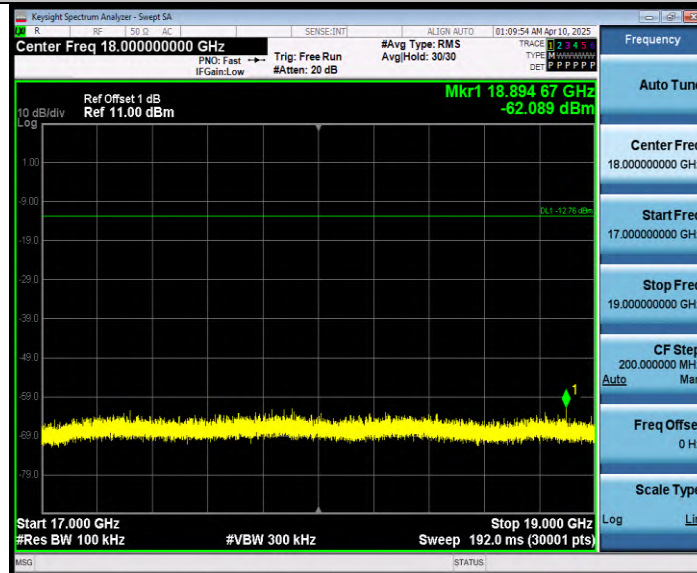
BLE_500K_Ant1_2402_13000~15000



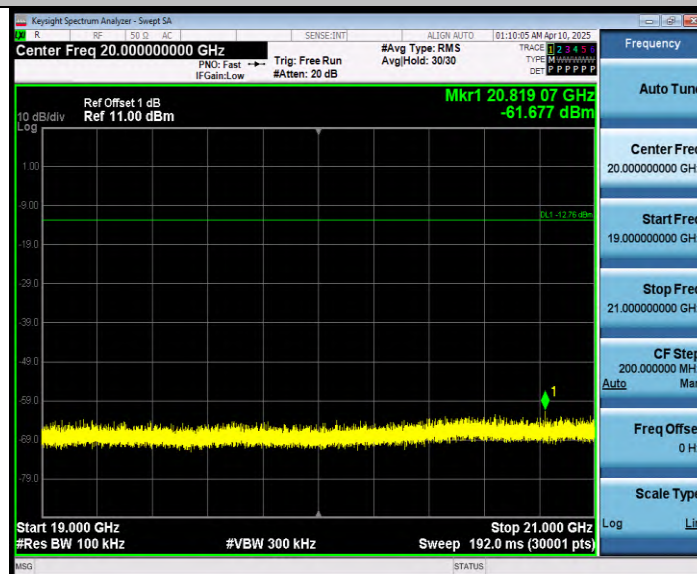
BLE_500K_Ant1_2402_15000~17000



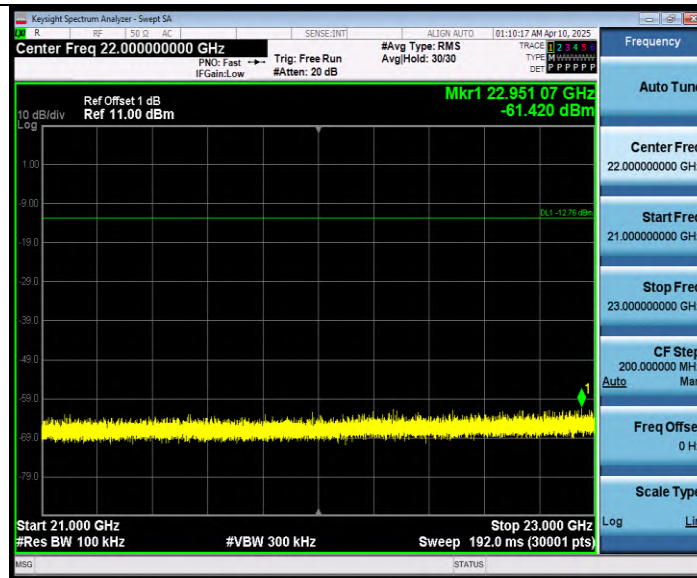
BLE_500K_Ant1_2402_17000~19000



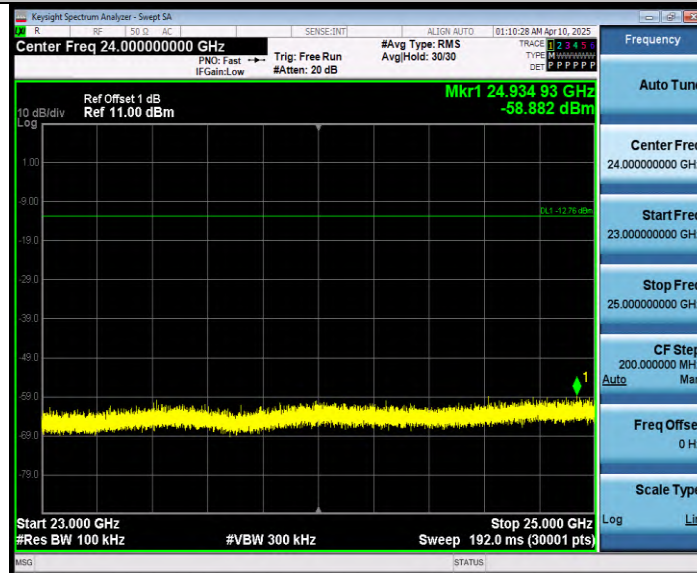
BLE_500K_Ant1_2402_19000~21000



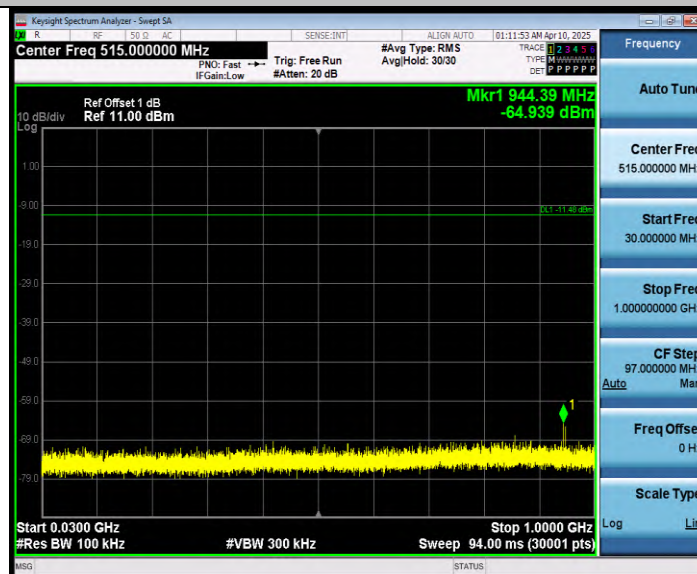
BLE_500K_Ant1_2402_21000~23000



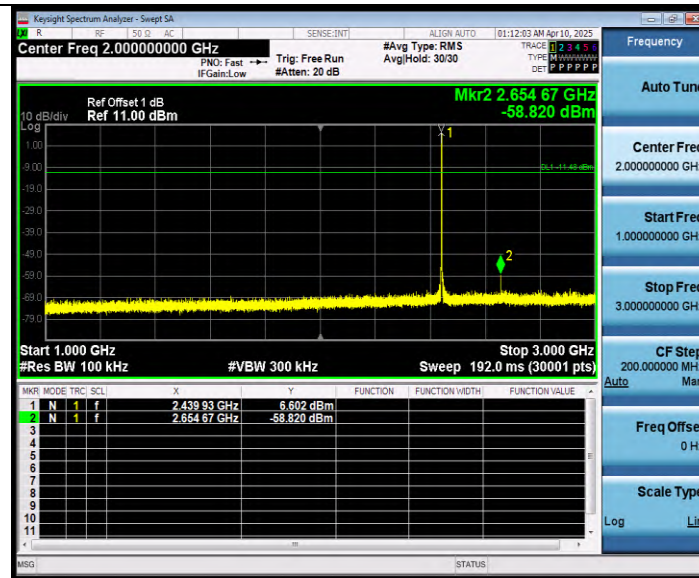
BLE_500K_Ant1_2402_23000~25000



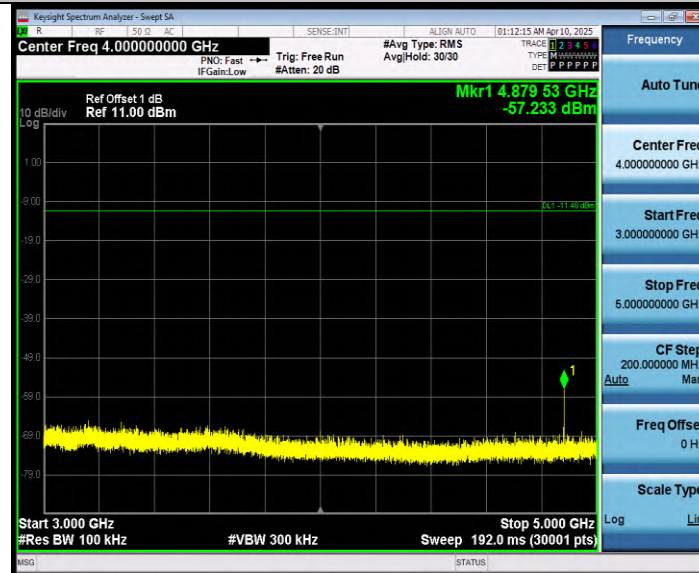
BLE_500K_Ant1_2440_30~1000



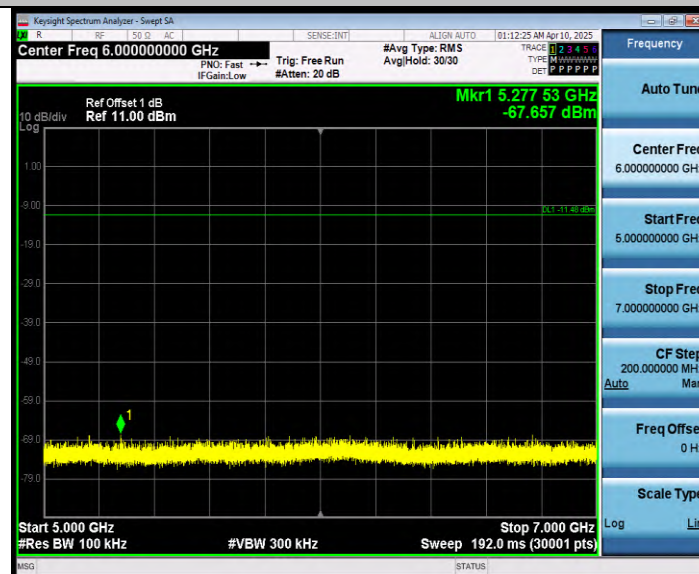
BLE_500K_Ant1_2440_1000~3000



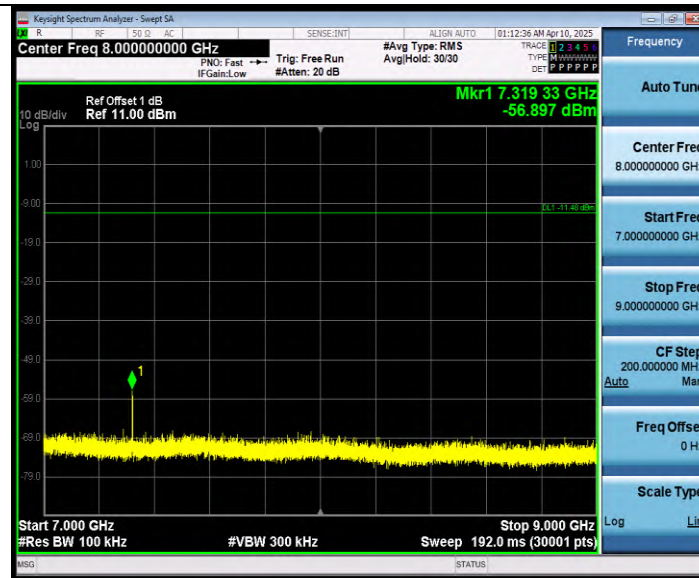
BLE_500K_Ant1_2440_3000~5000



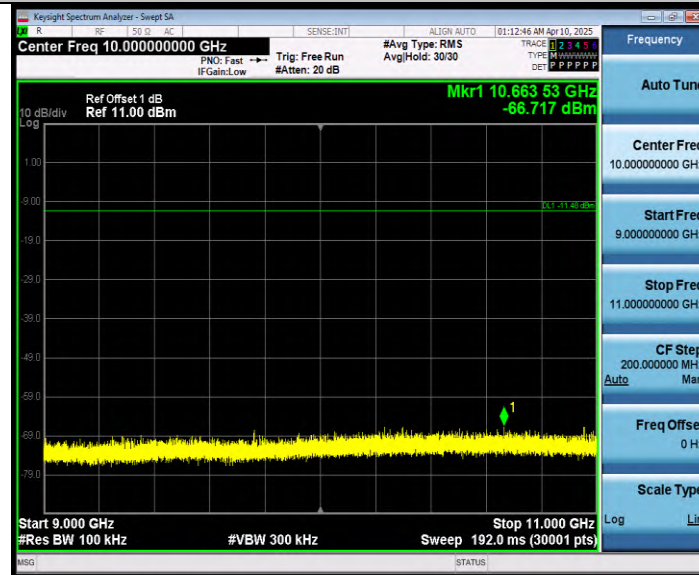
BLE_500K_Ant1_2440_5000~7000



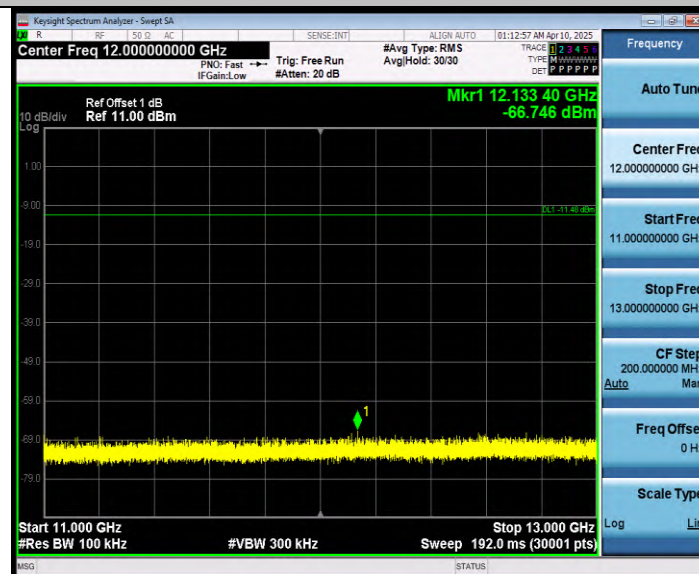
BLE_500K_Ant1_2440_7000~9000



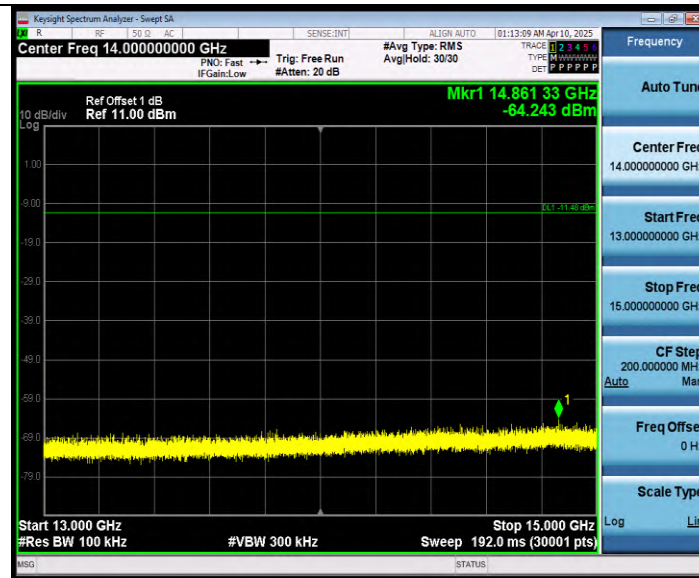
BLE_500K_Ant1_2440_9000~11000



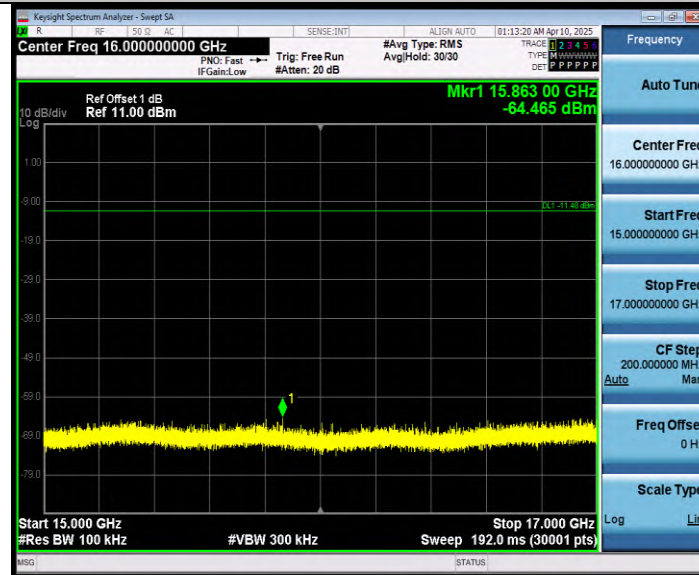
BLE_500K_Ant1_2440_11000~13000



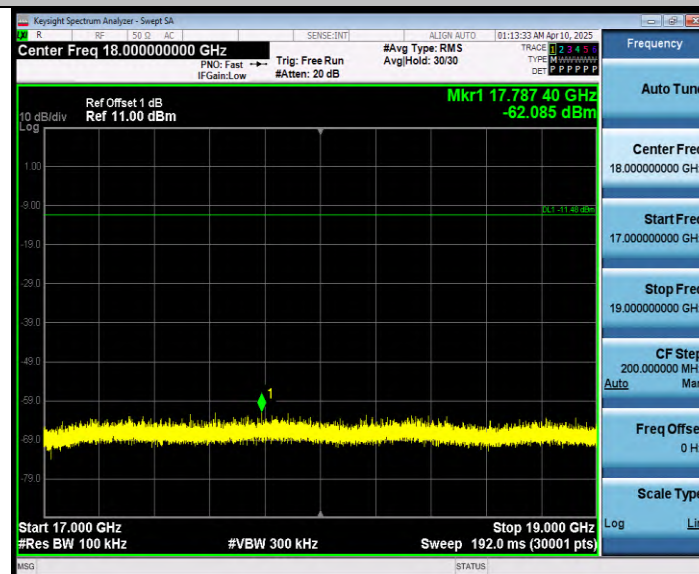
BLE_500K_Ant1_2440_13000~15000



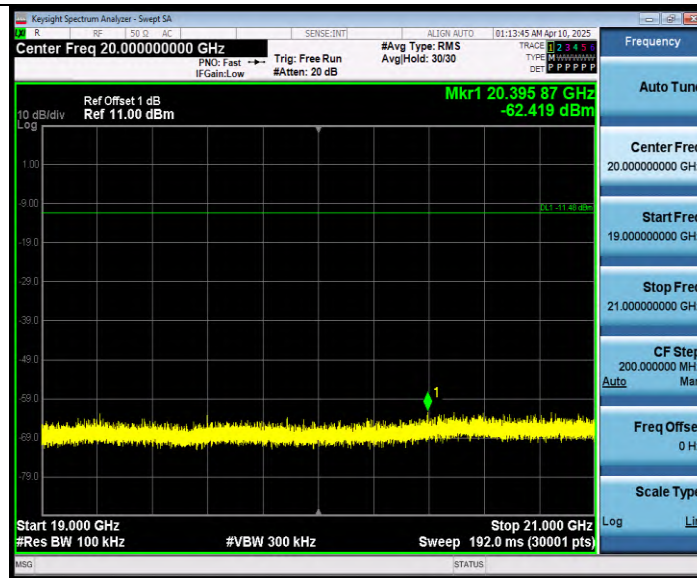
BLE_500K_Ant1_2440_15000~17000



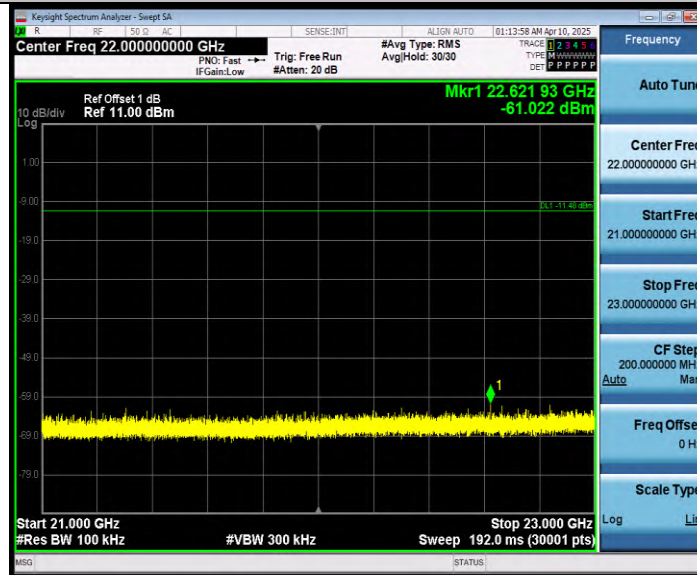
BLE_500K_Ant1_2440_17000~19000



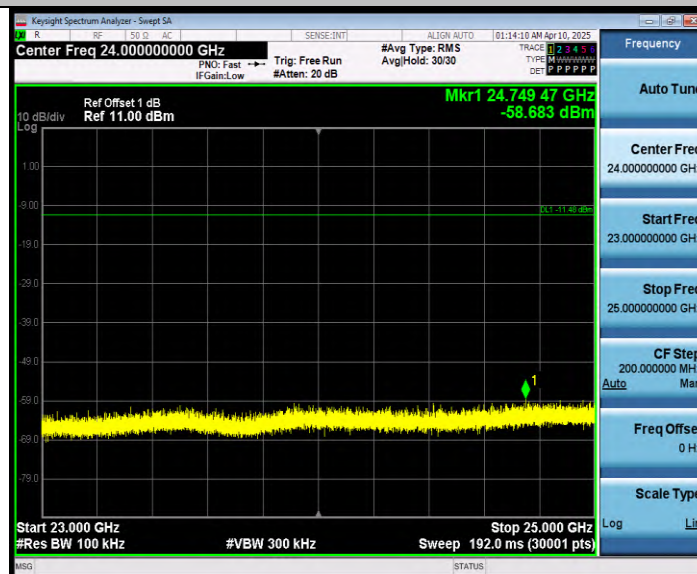
BLE_500K_Ant1_2440_19000~21000



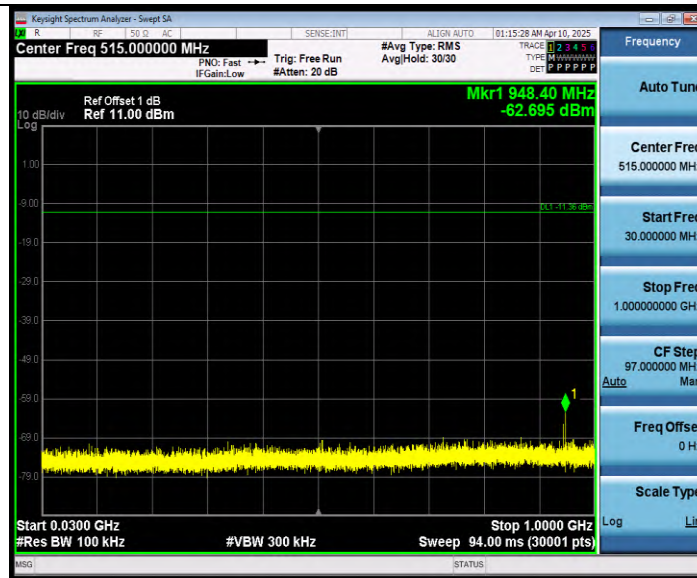
BLE_500K_Ant1_2440_21000~23000



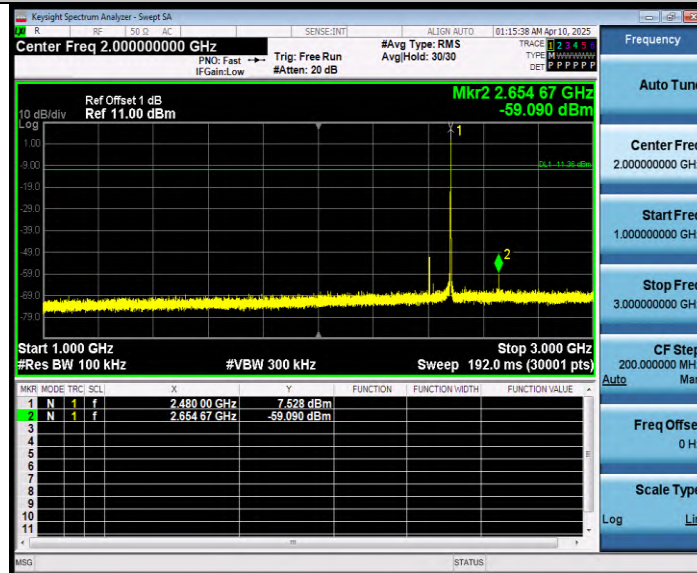
BLE_500K_Ant1_2440_23000~25000



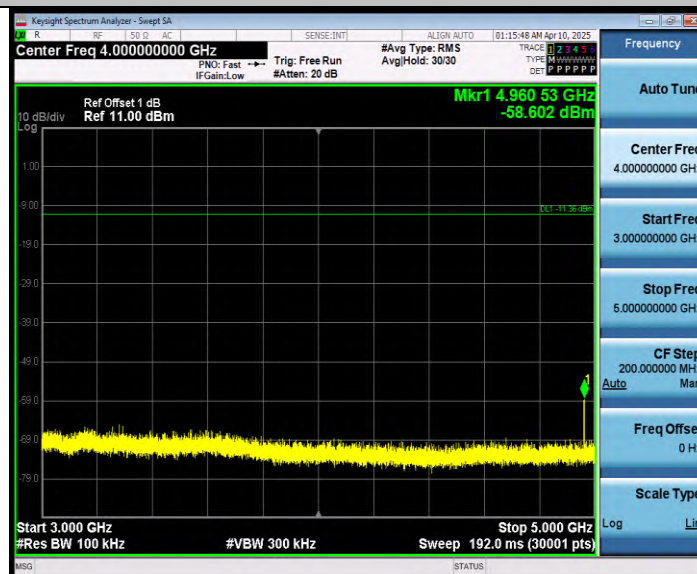
BLE_500K_Ant1_2480_30~1000



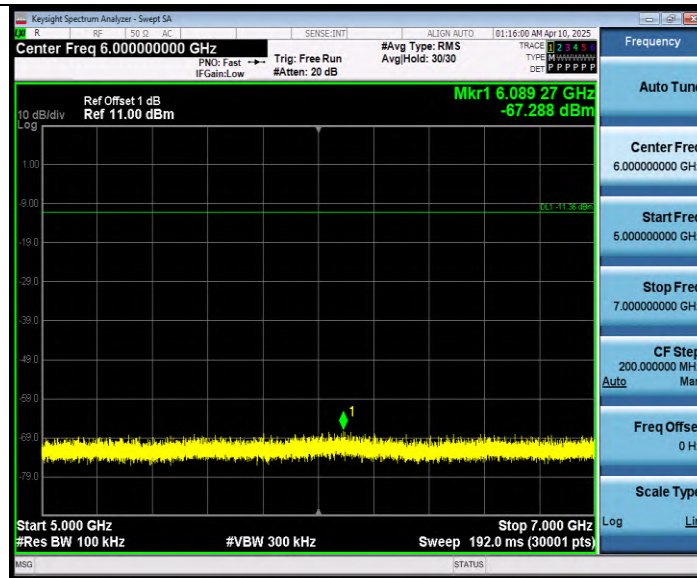
BLE_500K_Ant1_2480_1000~3000



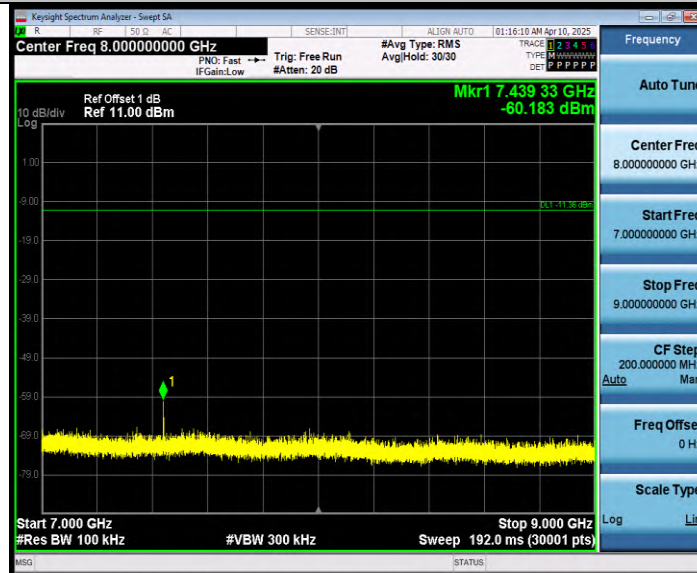
BLE_500K_Ant1_2480_3000~5000



BLE_500K_Ant1_2480_5000~7000



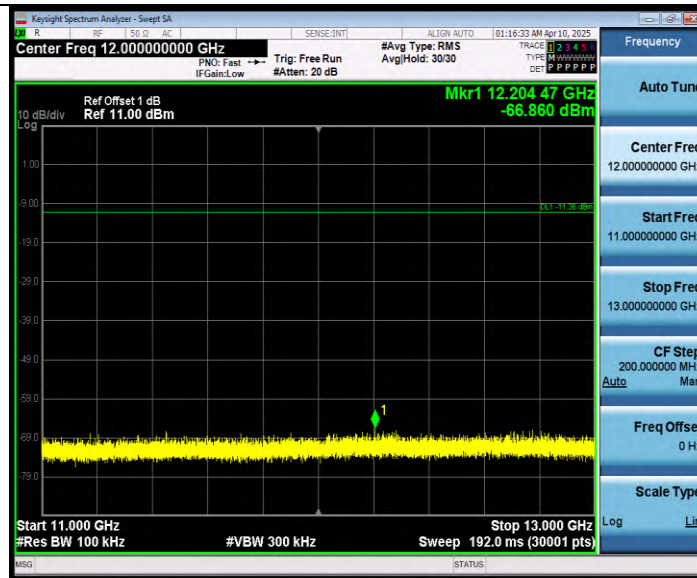
BLE_500K_Ant1_2480_7000~9000



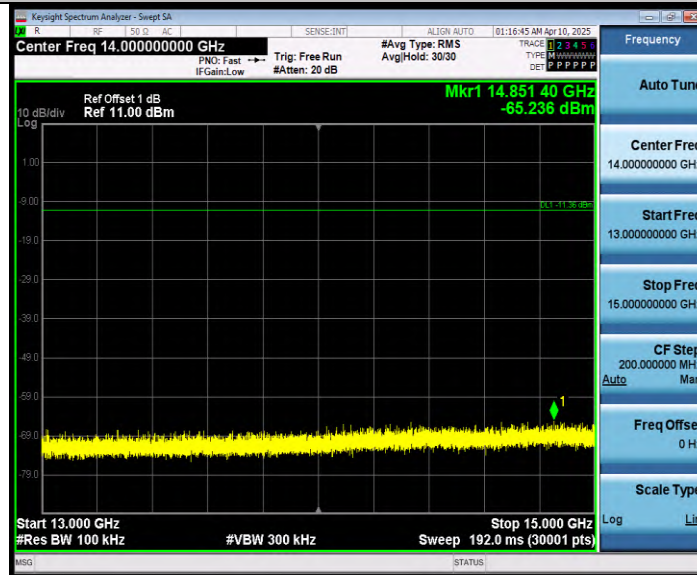
BLE_500K_Ant1_2480_9000~11000



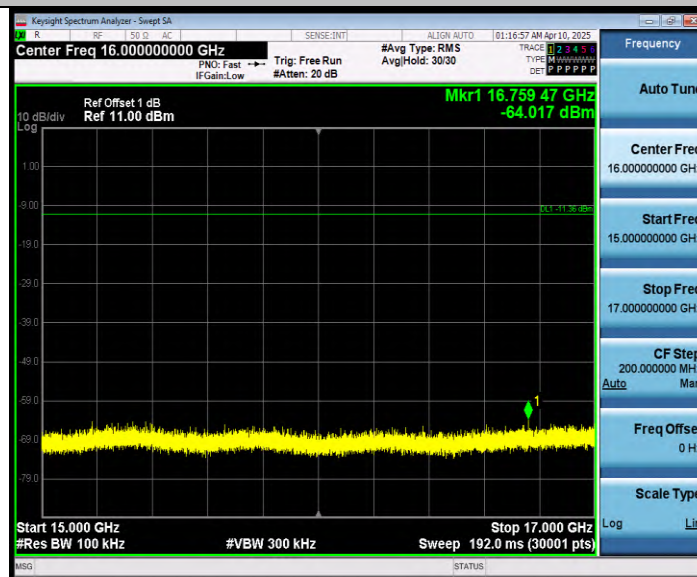
BLE_500K_Ant1_2480_11000~13000



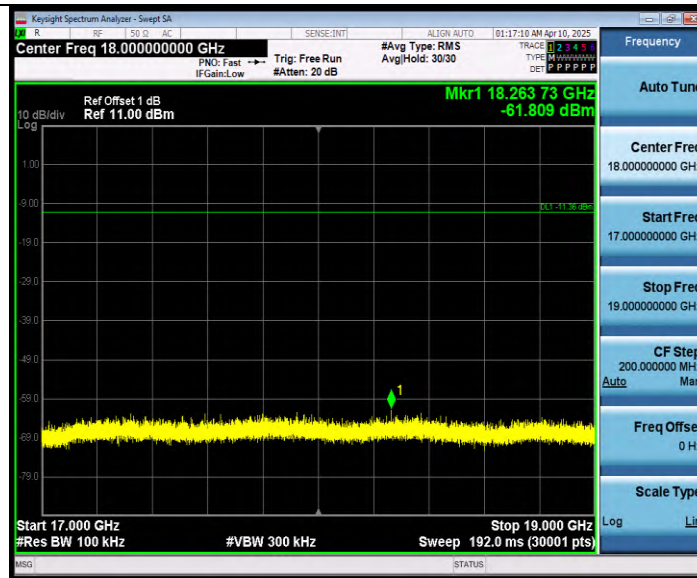
BLE_500K_Ant1_2480_13000~15000



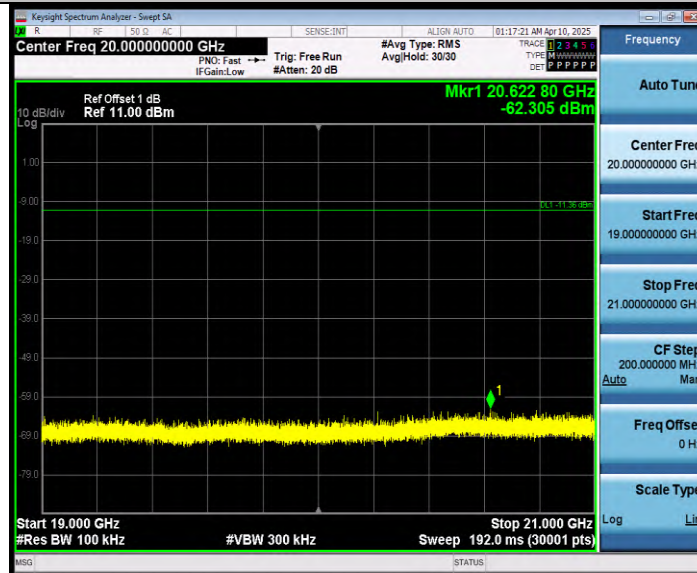
BLE_500K_Ant1_2480_15000~17000



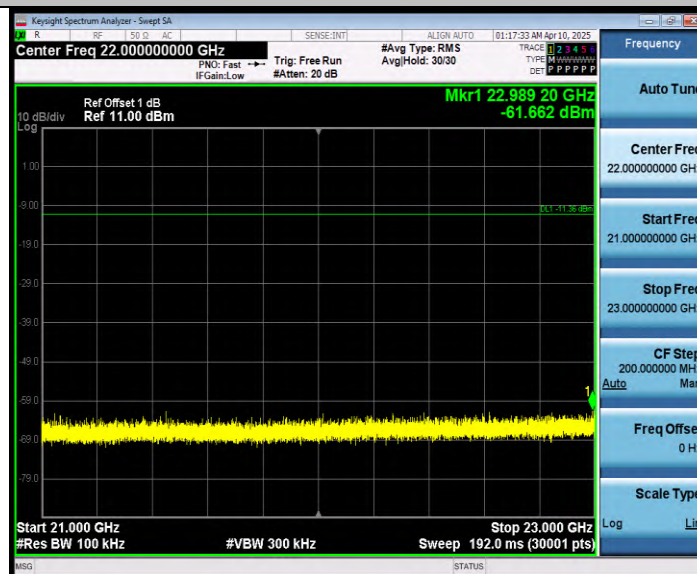
BLE_500K_Ant1_2480_17000~19000



BLE_500K_Ant1_2480_19000~21000



BLE_500K_Ant1_2480_21000~23000



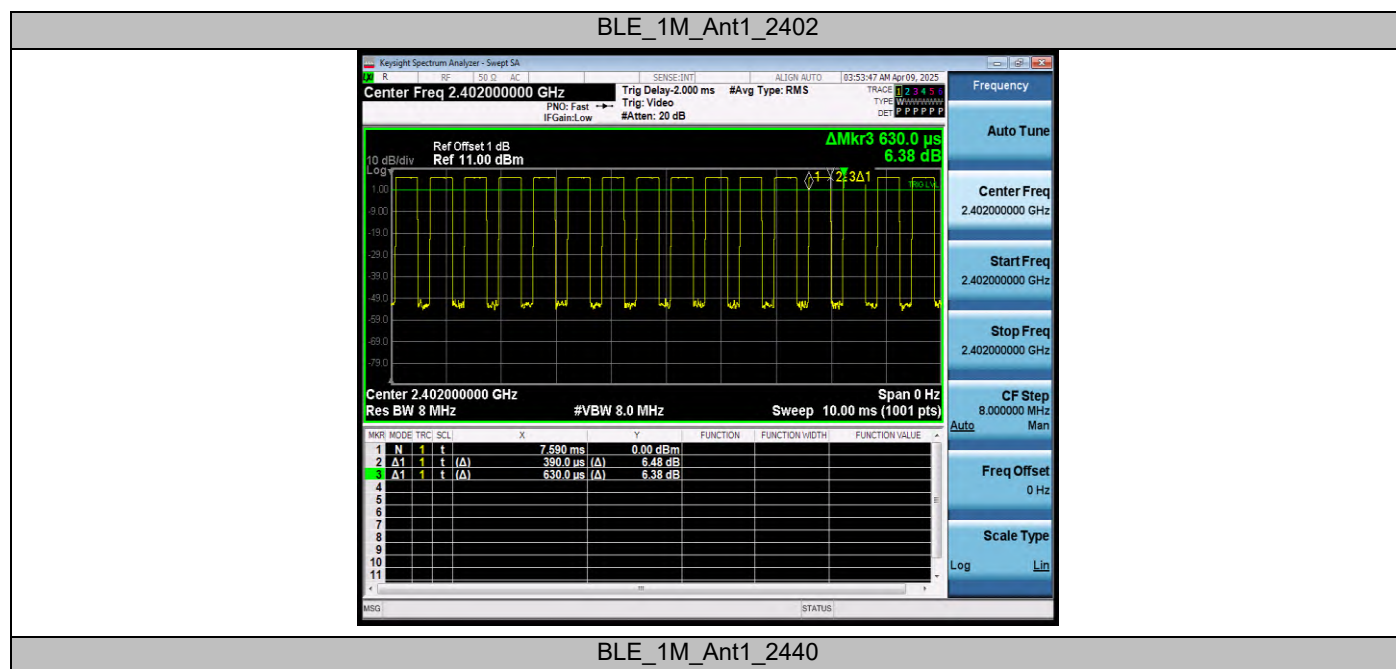
BLE_500K_Ant1_2480_23000~25000

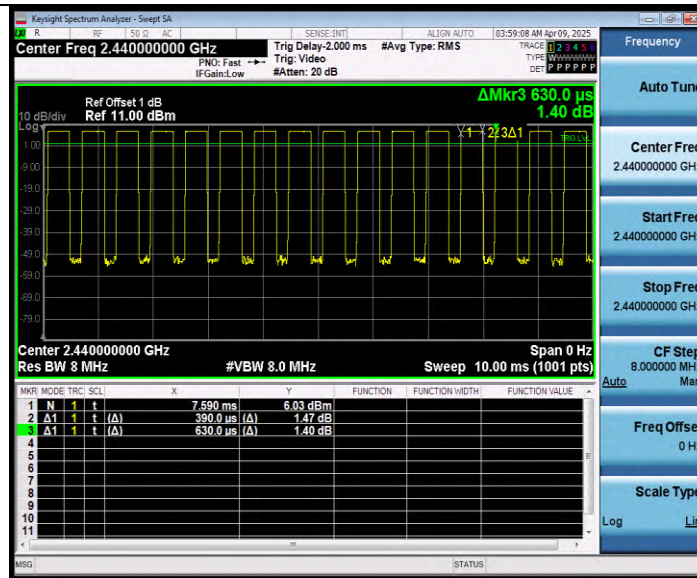


Appendix F: Duty Cycle

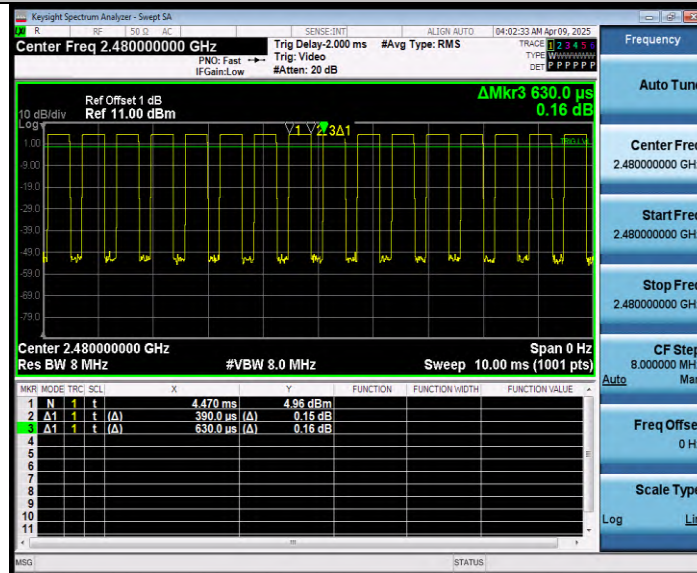
TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	2402	0.39	0.63	61.90	2.08
	2440	0.39	0.63	61.90	2.08
	2480	0.39	0.63	61.90	2.08
BLE_2M	2402	0.20	0.62	32.26	4.91
	2440	0.20	0.62	32.26	4.91
	2480	0.20	0.62	32.26	4.91
BLE_125K	2402	3.11	3.75	82.93	0.81
	2440	3.10	3.75	82.67	0.83
	2480	3.11	3.75	82.93	0.81
BLE_500K	2402	1.07	1.88	56.91	2.45
	2440	1.07	1.88	56.91	2.45
	2480	1.07	1.88	56.91	2.45

Test Graphs

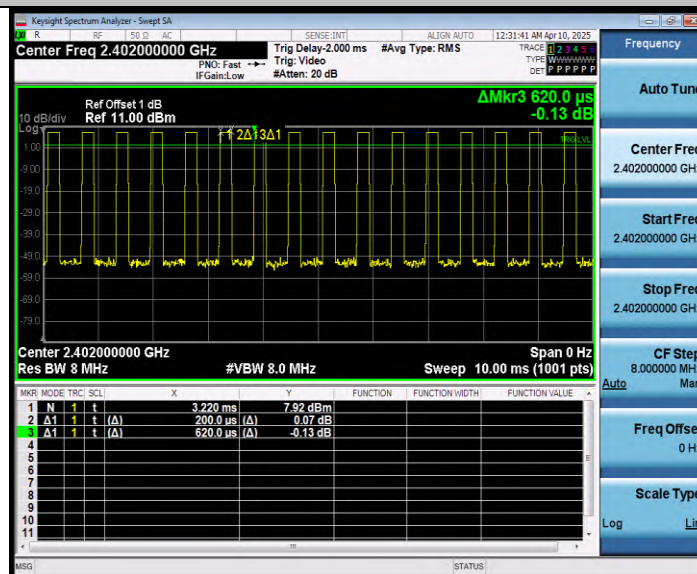




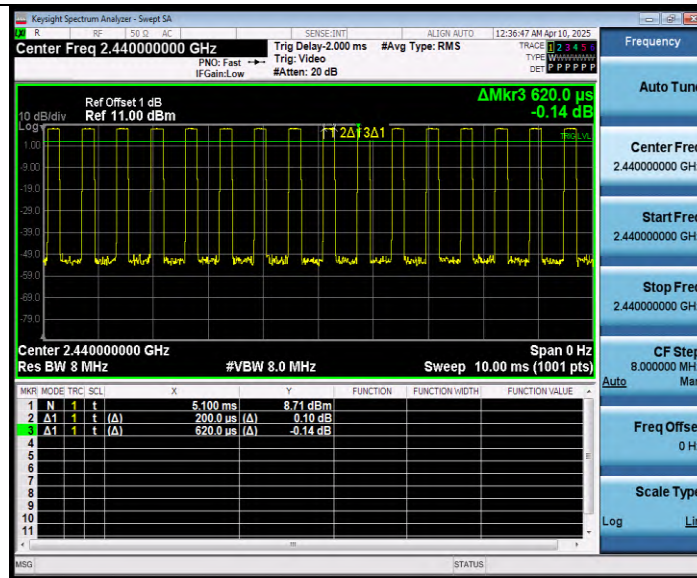
BLE_1M_Ant1_2480



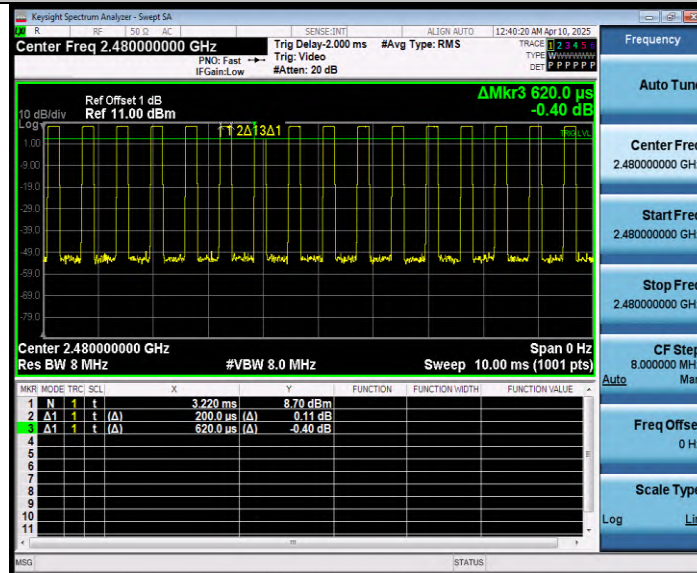
BLE_2M_Ant1_2402



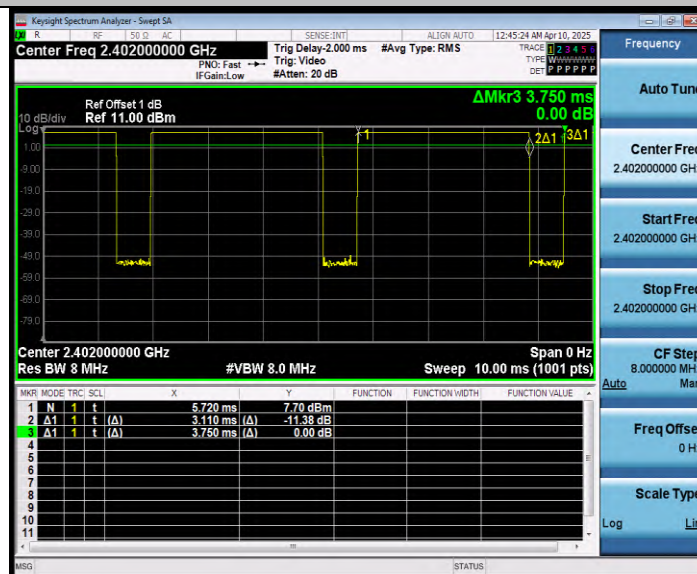
BLE_2M_Ant1_2440



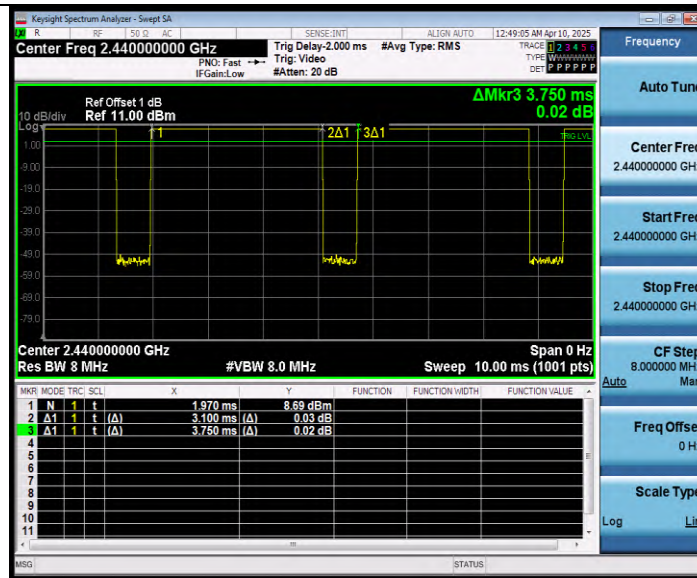
BLE_2M_Ant1_2480



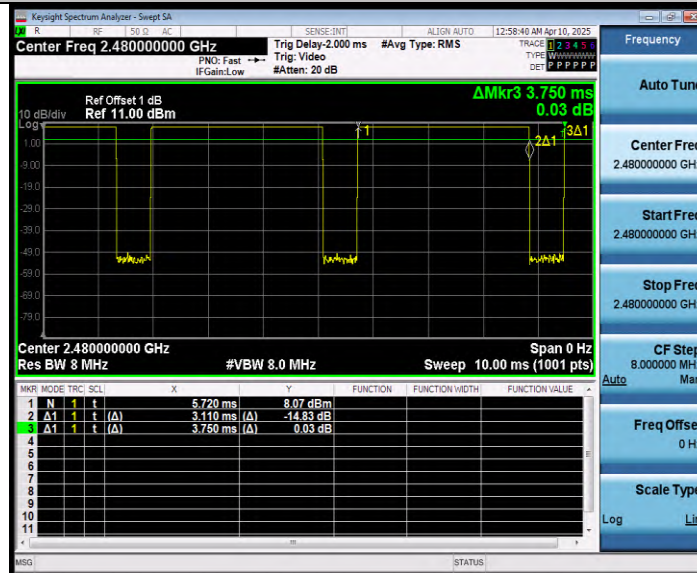
BLE_125K_Ant1_2402



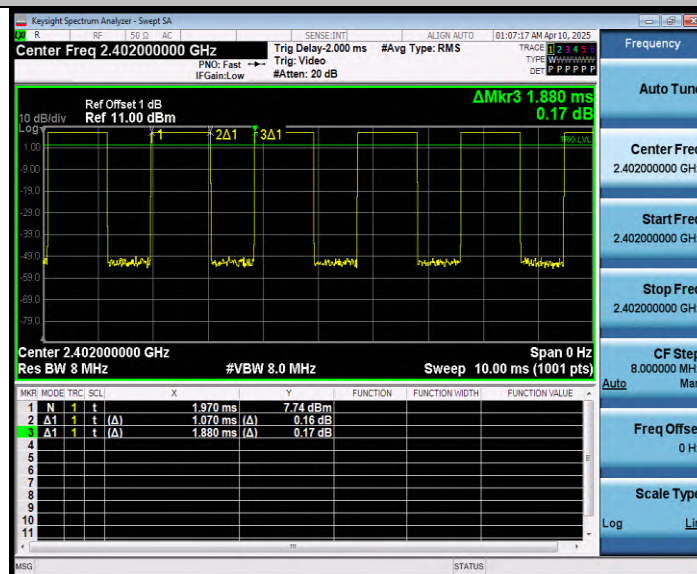
BLE_125K_Ant1_2440



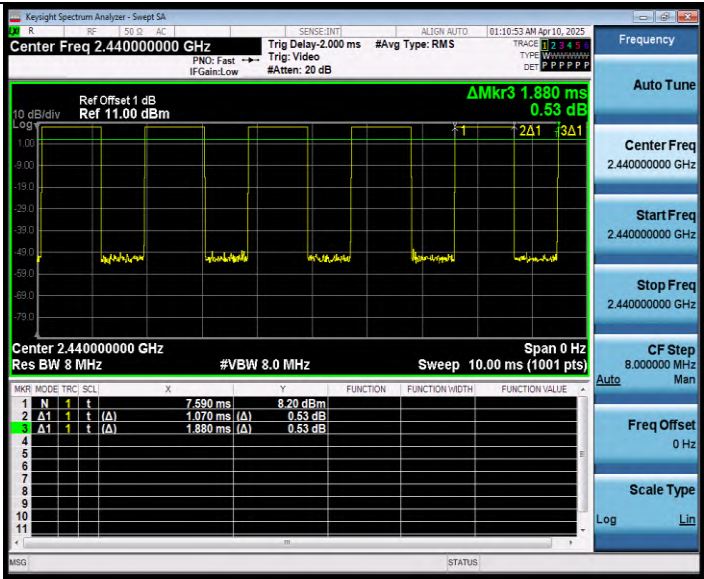
BLE_125K_Ant1_2480



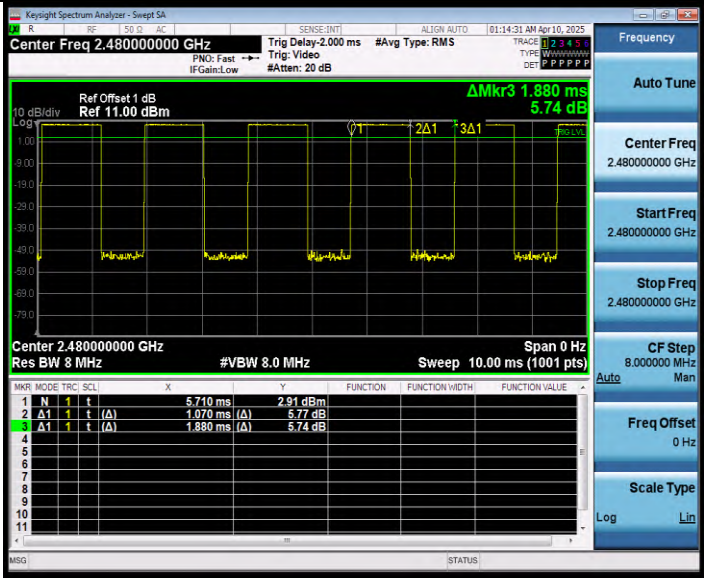
BLE_500K_Ant1_2402



BLE_500K_Ant1_2440



BLE_500K_Ant1_2480



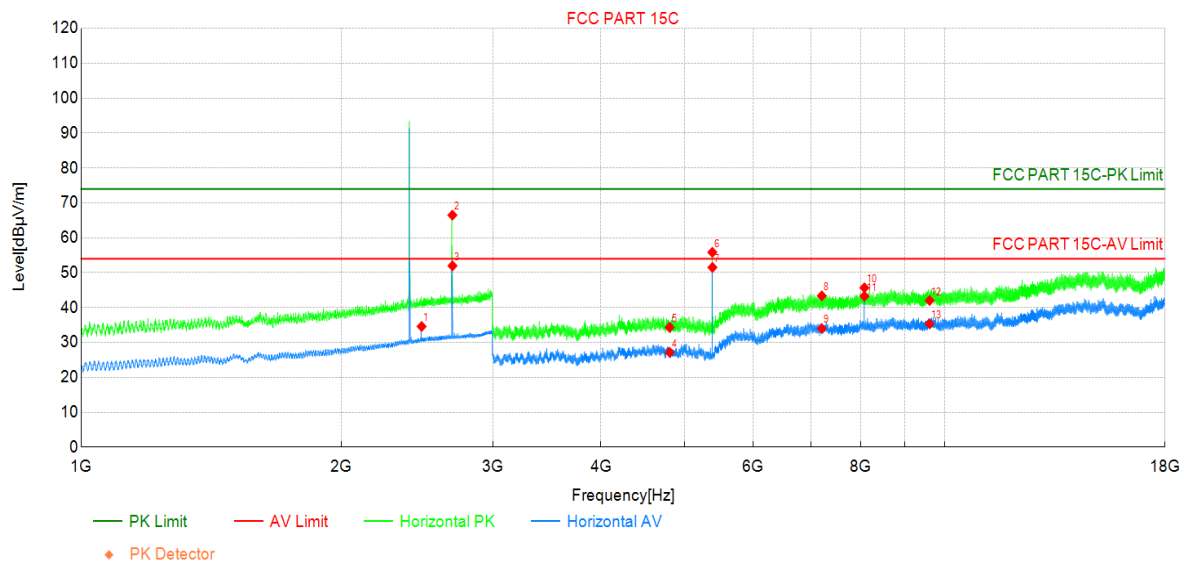
Appendix G: Emissions in Restricted Bands

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2402MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

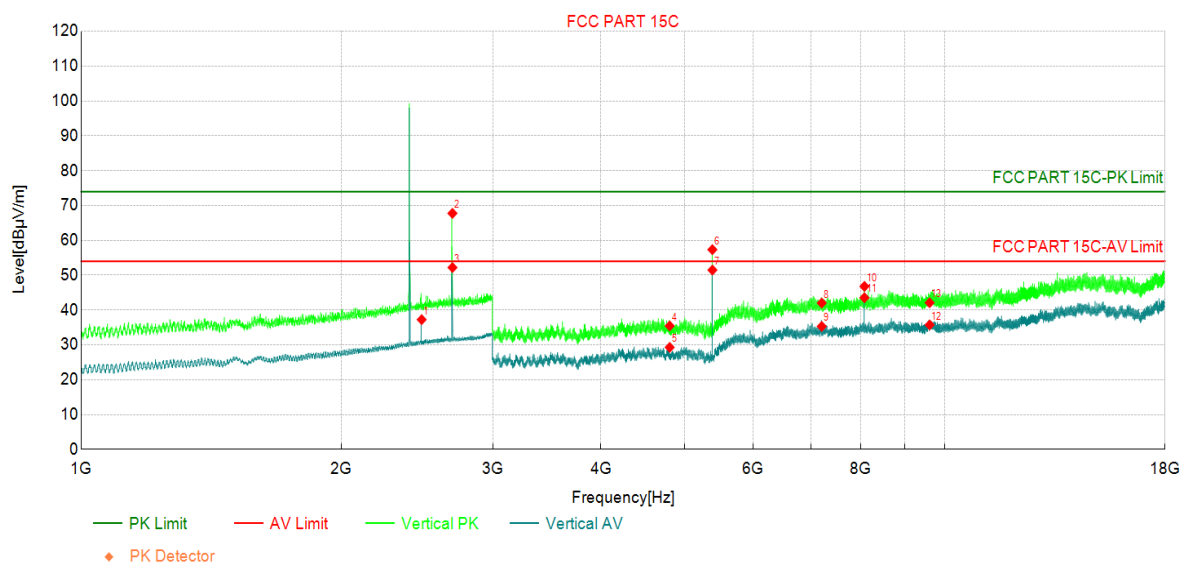
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2479.00	30.50	34.57	4.07	54.00	19.43	AV	Horizo	PASS
2	2691.50	61.55	66.48	4.93	74.00	7.52	PK	Horizo	PASS
3	2692.00	47.02	51.95	4.93	54.00	2.05	AV	Horizo	PASS
4	4804.00	33.19	27.16	-6.03	54.00	26.84	AV	Horizo	PASS
5	4804.00	40.36	34.33	-6.03	74.00	39.67	PK	Horizo	PASS
6	5383.13	59.52	55.84	-3.68	74.00	18.16	PK	Horizo	PASS
7	5383.50	55.18	51.50	-3.68	54.00	2.50	AV	Horizo	PASS
8	7206.00	40.38	43.35	2.97	74.00	30.65	PK	Horizo	PASS
9	7206.00	31.03	34.00	2.97	54.00	20.00	AV	Horizo	PASS
10	8074.88	41.80	45.66	3.86	74.00	28.34	PK	Horizo	PASS
11	8075.25	39.39	43.25	3.86	54.00	10.75	AV	Horizo	PASS
12	9608.00	36.08	42.02	5.94	74.00	31.98	PK	Horizo	PASS
13	9608.00	29.38	35.32	5.94	54.00	18.68	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2402MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

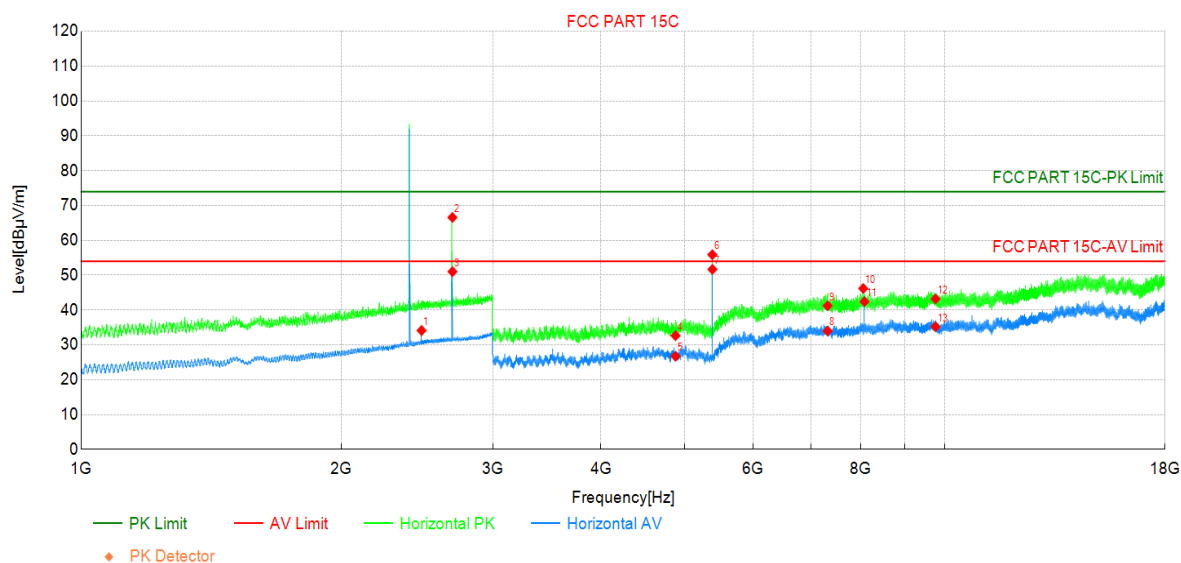
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2479.50	33.17	37.25	4.08	54.00	16.75	AV	Vertic	PASS
2	2691.50	62.82	67.75	4.93	74.00	6.25	PK	Vertic	PASS
3	2692.00	47.27	52.20	4.93	54.00	1.80	AV	Vertic	PASS
4	4804.00	41.47	35.44	-6.03	74.00	38.56	PK	Vertic	PASS
5	4804.00	35.30	29.27	-6.03	54.00	24.73	AV	Vertic	PASS
6	5383.13	61.01	57.33	-3.68	74.00	16.67	PK	Vertic	PASS
7	5383.50	55.16	51.48	-3.68	54.00	2.52	AV	Vertic	PASS
8	7206.00	39.04	42.01	2.97	74.00	31.99	PK	Vertic	PASS
9	7206.00	32.32	35.29	2.97	54.00	18.71	AV	Vertic	PASS
10	8074.88	42.91	46.77	3.86	74.00	27.23	PK	Vertic	PASS
11	8075.25	39.68	43.54	3.86	54.00	10.46	AV	Vertic	PASS
12	9608.00	29.80	35.74	5.94	54.00	18.26	AV	Vertic	PASS
13	9608.00	36.14	42.08	5.94	74.00	31.92	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2440MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

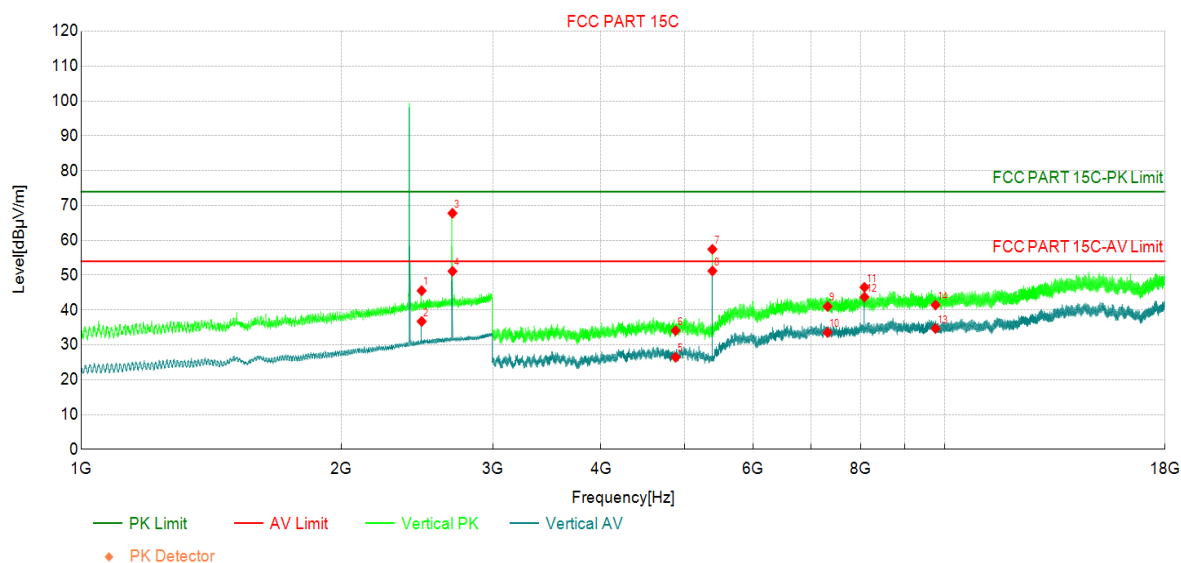
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2479.00	30.05	34.12	4.07	54.00	19.88	AV	Horizo	PASS
2	2691.50	61.65	66.58	4.93	74.00	7.42	PK	Horizo	PASS
3	2692.00	46.09	51.02	4.93	54.00	2.98	AV	Horizo	PASS
4	4880.00	38.72	32.64	-6.08	74.00	41.36	PK	Horizo	PASS
5	4880.00	32.81	26.73	-6.08	54.00	27.27	AV	Horizo	PASS
6	5383.13	59.55	55.87	-3.68	74.00	18.13	PK	Horizo	PASS
7	5383.50	55.35	51.67	-3.68	54.00	2.33	AV	Horizo	PASS
8	7320.00	31.19	33.99	2.80	54.00	20.01	AV	Horizo	PASS
9	7320.00	38.41	41.21	2.80	74.00	32.79	PK	Horizo	PASS
10	8049.38	42.23	46.18	3.95	74.00	27.82	PK	Horizo	PASS
11	8075.25	38.56	42.42	3.86	54.00	11.58	AV	Horizo	PASS
12	9760.00	37.06	43.19	6.13	74.00	30.81	PK	Horizo	PASS
13	9760.00	29.08	35.21	6.13	54.00	18.79	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2440MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

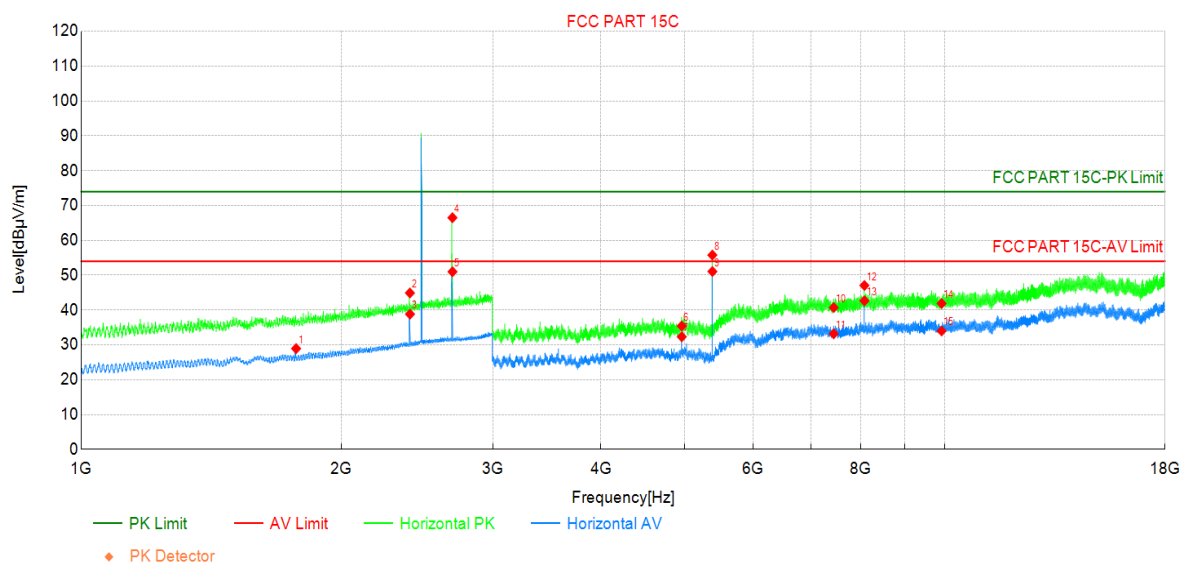
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2479.00	41.48	45.55	4.07	74.00	28.45	PK	Vertic	PASS
2	2479.50	32.64	36.72	4.08	54.00	17.28	AV	Vertic	PASS
3	2691.50	62.85	67.78	4.93	74.00	6.22	PK	Vertic	PASS
4	2692.00	46.19	51.12	4.93	54.00	2.88	AV	Vertic	PASS
5	4880.00	32.52	26.44	-6.08	54.00	27.56	AV	Vertic	PASS
6	4880.00	40.16	34.08	-6.08	74.00	39.92	PK	Vertic	PASS
7	5383.13	61.11	57.43	-3.68	74.00	16.57	PK	Vertic	PASS
8	5383.50	54.90	51.22	-3.68	54.00	2.78	AV	Vertic	PASS
9	7320.00	38.23	41.03	2.80	74.00	32.97	PK	Vertic	PASS
10	7320.00	30.74	33.54	2.80	54.00	20.46	AV	Vertic	PASS
11	8074.88	42.65	46.51	3.86	74.00	27.49	PK	Vertic	PASS
12	8075.25	39.88	43.74	3.86	54.00	10.26	AV	Vertic	PASS
13	9760.00	28.57	34.70	6.13	54.00	19.30	AV	Vertic	PASS
14	9760.00	35.32	41.45	6.13	74.00	32.55	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2480MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

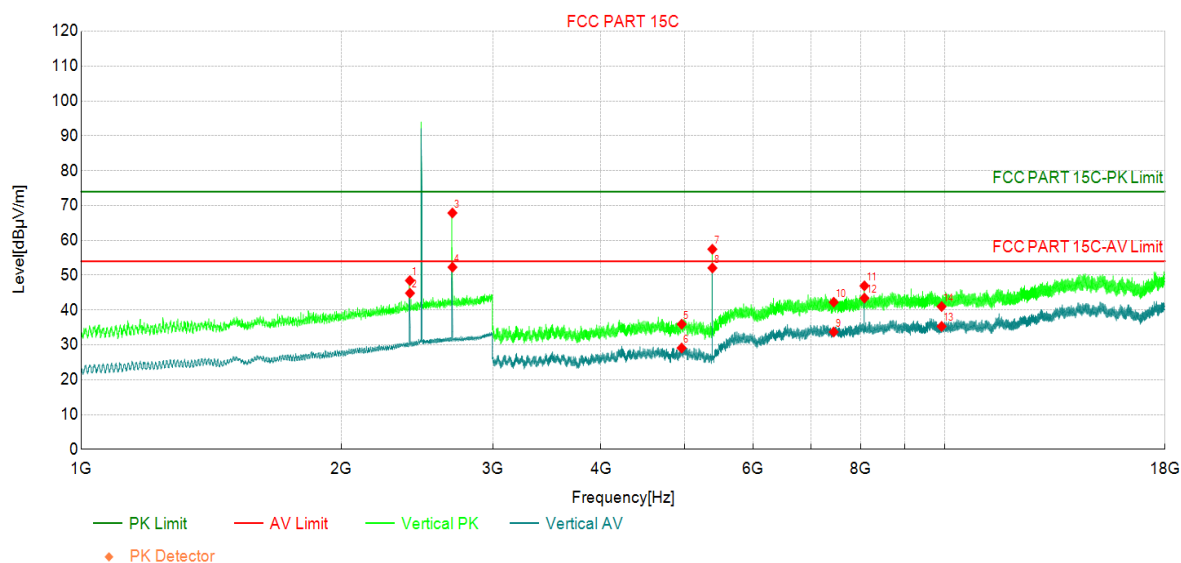
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	1774.00	28.36	28.93	0.57	54.00	25.07	AV	Horizo	PASS
2	2403.00	41.18	44.89	3.71	74.00	29.11	PK	Horizo	PASS
3	2403.50	35.10	38.81	3.71	54.00	15.19	AV	Horizo	PASS
4	2691.50	61.56	66.49	4.93	74.00	7.51	PK	Horizo	PASS
5	2692.00	46.05	50.98	4.93	54.00	3.02	AV	Horizo	PASS
6	4960.00	40.68	35.41	-5.27	74.00	38.59	PK	Horizo	PASS
7	4960.88	37.59	32.33	-5.26	54.00	21.67	AV	Horizo	PASS
8	5383.13	59.45	55.77	-3.68	74.00	18.23	PK	Horizo	PASS
9	5383.50	54.73	51.05	-3.68	54.00	2.95	AV	Horizo	PASS
10	7440.00	38.15	40.71	2.56	74.00	33.29	PK	Horizo	PASS
11	7440.00	30.61	33.17	2.56	54.00	20.83	AV	Horizo	PASS
12	8074.88	43.18	47.04	3.86	74.00	26.96	PK	Horizo	PASS
13	8075.25	38.80	42.66	3.86	54.00	11.34	AV	Horizo	PASS
14	9920.00	36.25	41.87	5.62	74.00	32.13	PK	Horizo	PASS
15	9920.00	28.38	34.00	5.62	54.00	20.00	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2480MHz by LE1_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

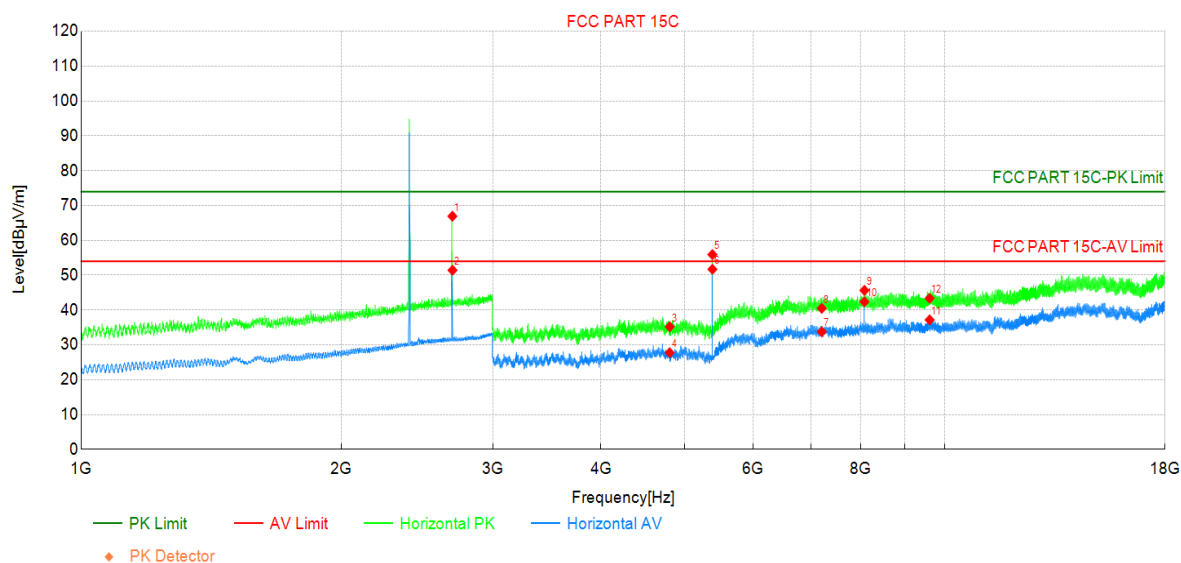
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	44.74	48.45	3.71	74.00	25.55	PK	Vertic	PASS
2	2403.50	41.12	44.83	3.71	54.00	9.17	AV	Vertic	PASS
3	2691.50	62.93	67.86	4.93	74.00	6.14	PK	Vertic	PASS
4	2692.00	47.36	52.29	4.93	54.00	1.71	AV	Vertic	PASS
5	4960.00	41.20	35.93	-5.27	74.00	38.07	PK	Vertic	PASS
6	4960.00	34.36	29.09	-5.27	54.00	24.91	AV	Vertic	PASS
7	5383.13	61.13	57.45	-3.68	74.00	16.55	PK	Vertic	PASS
8	5383.50	55.74	52.06	-3.68	54.00	1.94	AV	Vertic	PASS
9	7440.00	31.14	33.70	2.56	54.00	20.30	AV	Vertic	PASS
10	7440.00	39.68	42.24	2.56	74.00	31.76	PK	Vertic	PASS
11	8074.88	43.08	46.94	3.86	74.00	27.06	PK	Vertic	PASS
12	8075.25	39.56	43.42	3.86	54.00	10.58	AV	Vertic	PASS
13	9920.00	29.67	35.29	5.62	54.00	18.71	AV	Vertic	PASS
14	9920.00	35.39	41.01	5.62	74.00	32.99	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2402MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

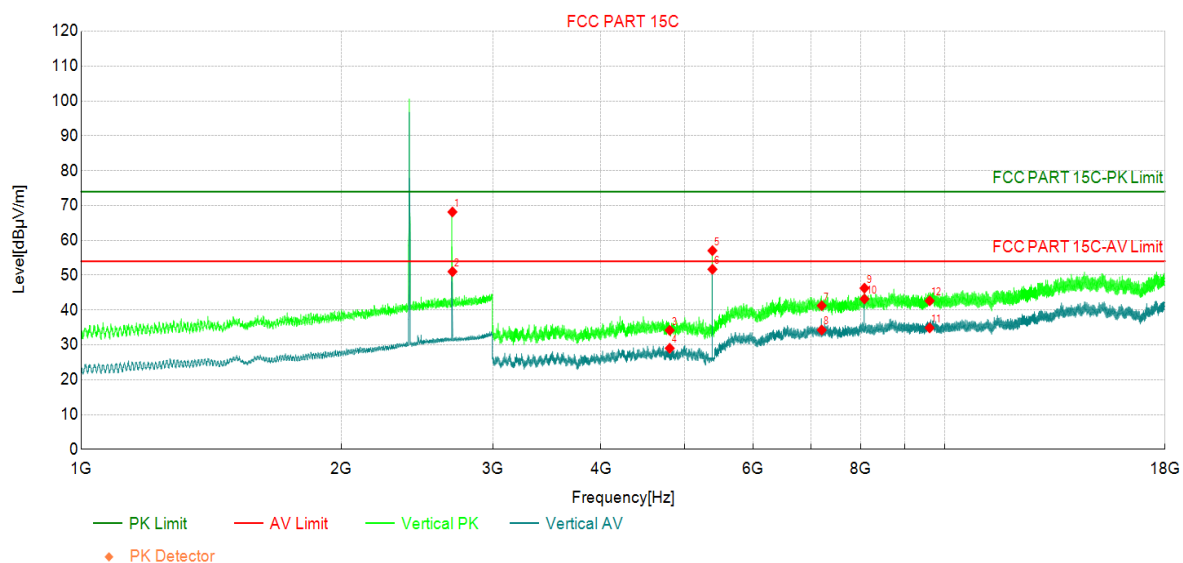
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	61.99	66.92	4.93	74.00	7.08	PK	Horizo	PASS
2	2692.00	46.49	51.42	4.93	54.00	2.58	AV	Horizo	PASS
3	4804.00	41.23	35.20	-6.03	74.00	38.80	PK	Horizo	PASS
4	4804.00	33.78	27.75	-6.03	54.00	26.25	AV	Horizo	PASS
5	5383.13	59.60	55.92	-3.68	74.00	18.08	PK	Horizo	PASS
6	5383.50	55.36	51.68	-3.68	54.00	2.32	AV	Horizo	PASS
7	7206.00	30.78	33.75	2.97	54.00	20.25	AV	Horizo	PASS
8	7206.00	37.52	40.49	2.97	74.00	33.51	PK	Horizo	PASS
9	8074.88	41.78	45.64	3.86	74.00	28.36	PK	Horizo	PASS
10	8075.25	38.49	42.35	3.86	54.00	11.65	AV	Horizo	PASS
11	9608.00	31.23	37.17	5.94	54.00	16.83	AV	Horizo	PASS
12	9608.00	37.40	43.34	5.94	74.00	30.66	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2402MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

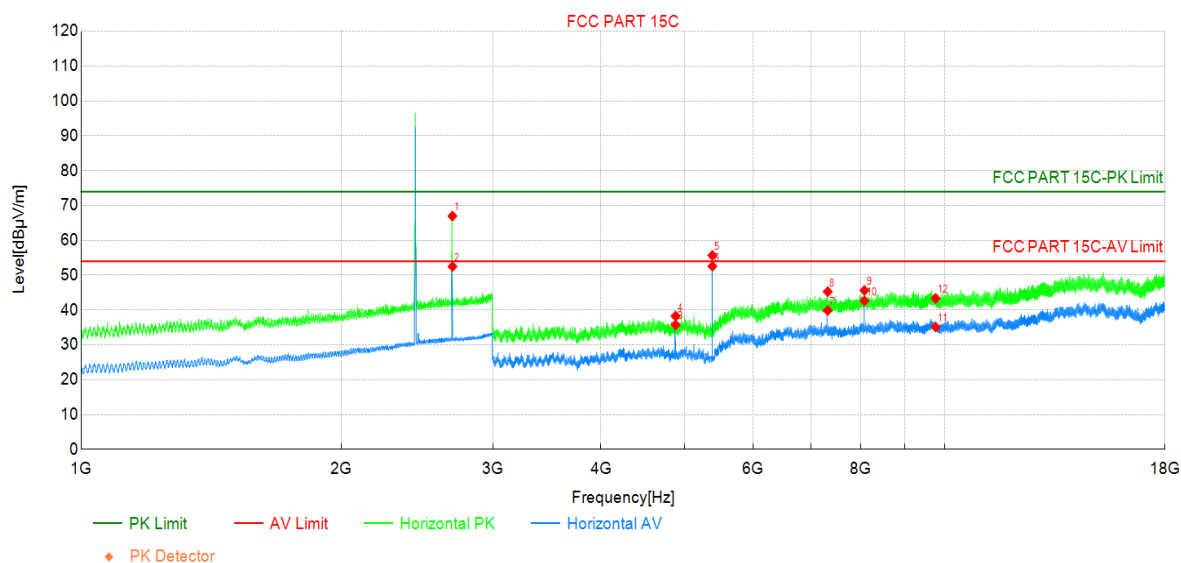
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	63.21	68.14	4.93	74.00	5.86	PK	Vertic	PASS
2	2692.00	46.09	51.02	4.93	54.00	2.98	AV	Vertic	PASS
3	4804.00	40.20	34.17	-6.03	74.00	39.83	PK	Vertic	PASS
4	4804.00	35.04	29.01	-6.03	54.00	24.99	AV	Vertic	PASS
5	5383.50	60.72	57.04	-3.68	74.00	16.96	PK	Vertic	PASS
6	5383.50	55.37	51.69	-3.68	54.00	2.31	AV	Vertic	PASS
7	7206.00	38.29	41.26	2.97	74.00	32.74	PK	Vertic	PASS
8	7206.00	31.29	34.26	2.97	54.00	19.74	AV	Vertic	PASS
9	8074.88	42.41	46.27	3.86	74.00	27.73	PK	Vertic	PASS
10	8075.25	39.31	43.17	3.86	54.00	10.83	AV	Vertic	PASS
11	9608.00	28.93	34.87	5.94	54.00	19.13	AV	Vertic	PASS
12	9608.00	36.69	42.63	5.94	74.00	31.37	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2440MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

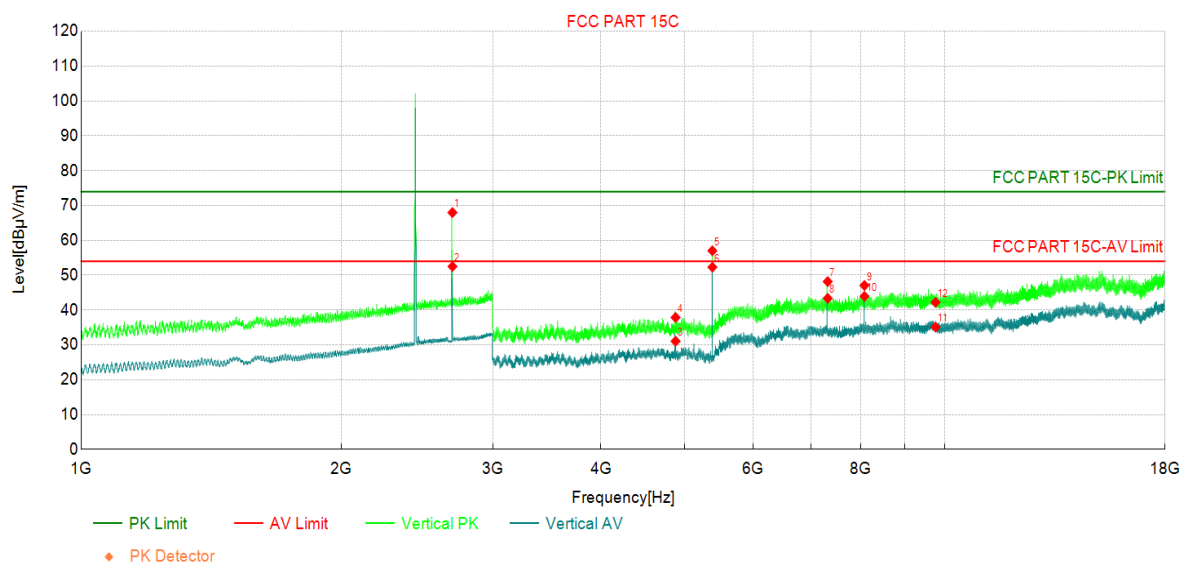
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	62.05	66.98	4.93	74.00	7.02	PK	Horizo	PASS
2	2692.00	47.54	52.47	4.93	54.00	1.53	AV	Horizo	PASS
3	4880.00	41.85	35.77	-6.08	54.00	18.23	AV	Horizo	PASS
4	4880.00	44.32	38.24	-6.08	74.00	35.76	PK	Horizo	PASS
5	5383.13	59.37	55.69	-3.68	74.00	18.31	PK	Horizo	PASS
6	5383.50	56.26	52.58	-3.68	54.00	1.42	AV	Horizo	PASS
7	7318.88	37.06	39.87	2.81	54.00	14.13	AV	Horizo	PASS
8	7321.50	42.49	45.28	2.79	74.00	28.72	PK	Horizo	PASS
9	8074.88	41.77	45.63	3.86	74.00	28.37	PK	Horizo	PASS
10	8075.25	38.76	42.62	3.86	54.00	11.38	AV	Horizo	PASS
11	9760.00	29.01	35.14	6.13	54.00	18.86	AV	Horizo	PASS
12	9760.00	37.20	43.33	6.13	74.00	30.67	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2440MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

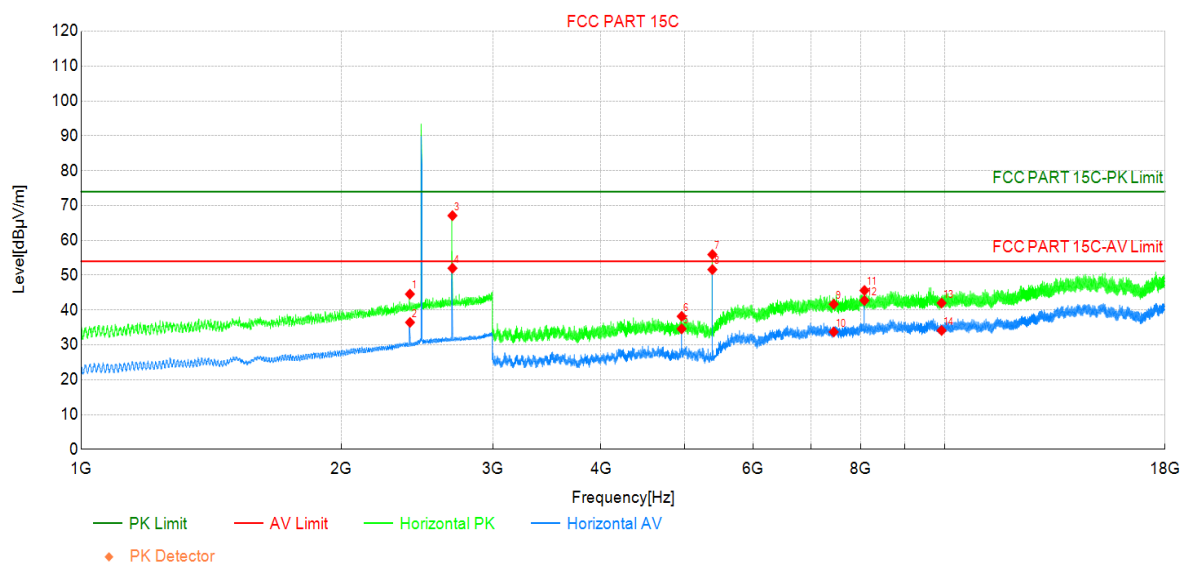
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	63.04	67.97	4.93	74.00	6.03	PK	Vertic	PASS
2	2692.00	47.58	52.51	4.93	54.00	1.49	AV	Vertic	PASS
3	4880.00	37.13	31.05	-6.08	54.00	22.95	AV	Vertic	PASS
4	4880.00	43.94	37.86	-6.08	74.00	36.14	PK	Vertic	PASS
5	5383.13	60.69	57.01	-3.68	74.00	16.99	PK	Vertic	PASS
6	5383.50	55.98	52.30	-3.68	54.00	1.70	AV	Vertic	PASS
7	7321.13	45.37	48.16	2.79	74.00	25.84	PK	Vertic	PASS
8	7321.50	40.57	43.36	2.79	54.00	10.64	AV	Vertic	PASS
9	8074.88	43.19	47.05	3.86	74.00	26.95	PK	Vertic	PASS
10	8075.25	40.06	43.92	3.86	54.00	10.08	AV	Vertic	PASS
11	9760.00	28.99	35.12	6.13	54.00	18.88	AV	Vertic	PASS
12	9760.00	36.07	42.20	6.13	74.00	31.80	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2480MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

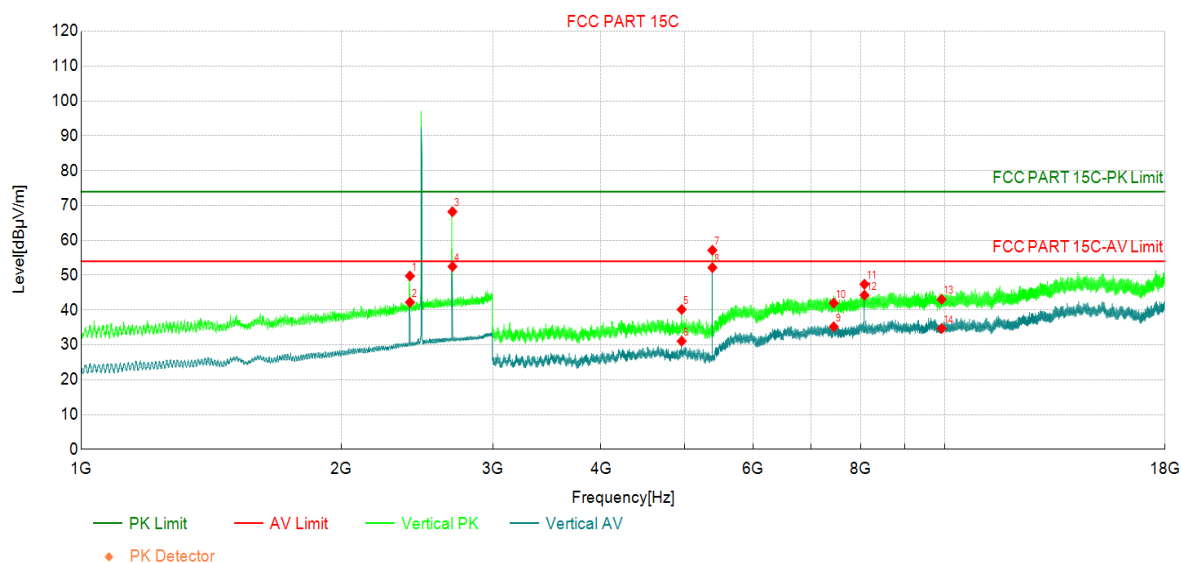
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	40.85	44.56	3.71	74.00	29.44	PK	Horizo	PASS
2	2403.50	32.74	36.45	3.71	54.00	17.55	AV	Horizo	PASS
3	2691.50	62.16	67.09	4.93	74.00	6.91	PK	Horizo	PASS
4	2692.00	47.06	51.99	4.93	54.00	2.01	AV	Horizo	PASS
5	4960.00	39.86	34.59	-5.27	54.00	19.41	AV	Horizo	PASS
6	4960.00	43.45	38.18	-5.27	74.00	35.82	PK	Horizo	PASS
7	5383.13	59.61	55.93	-3.68	74.00	18.07	PK	Horizo	PASS
8	5383.50	55.29	51.61	-3.68	54.00	2.39	AV	Horizo	PASS
9	7440.00	39.12	41.68	2.56	74.00	32.32	PK	Horizo	PASS
10	7440.00	31.15	33.71	2.56	54.00	20.29	AV	Horizo	PASS
11	8074.88	41.75	45.61	3.86	74.00	28.39	PK	Horizo	PASS
12	8075.25	38.88	42.74	3.86	54.00	11.26	AV	Horizo	PASS
13	9920.00	36.39	42.01	5.62	74.00	31.99	PK	Horizo	PASS
14	9920.00	28.52	34.14	5.62	54.00	19.86	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2480MHz by LE2_Mbps	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

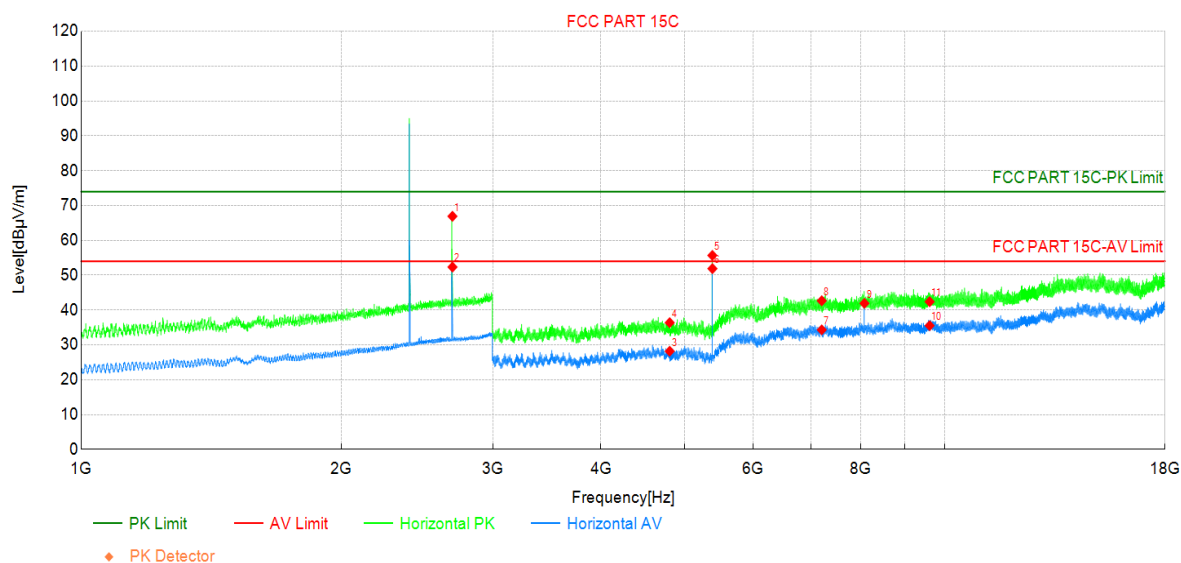
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	46.06	49.77	3.71	74.00	24.23	PK	Vertic	PASS
2	2403.50	38.51	42.22	3.71	54.00	11.78	AV	Vertic	PASS
3	2691.50	63.28	68.21	4.93	74.00	5.79	PK	Vertic	PASS
4	2692.00	47.55	52.48	4.93	54.00	1.52	AV	Vertic	PASS
5	4960.00	45.41	40.14	-5.27	74.00	33.86	PK	Vertic	PASS
6	4960.00	36.33	31.06	-5.27	54.00	22.94	AV	Vertic	PASS
7	5383.13	60.82	57.14	-3.68	74.00	16.86	PK	Vertic	PASS
8	5383.50	55.84	52.16	-3.68	54.00	1.84	AV	Vertic	PASS
9	7440.00	32.65	35.21	2.56	54.00	18.79	AV	Vertic	PASS
10	7440.00	39.45	42.01	2.56	74.00	31.99	PK	Vertic	PASS
11	8074.88	43.54	47.40	3.86	74.00	26.60	PK	Vertic	PASS
12	8075.25	40.39	44.25	3.86	54.00	9.75	AV	Vertic	PASS
13	9920.00	37.42	43.04	5.62	74.00	30.96	PK	Vertic	PASS
14	9920.00	29.07	34.69	5.62	54.00	19.31	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2402MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

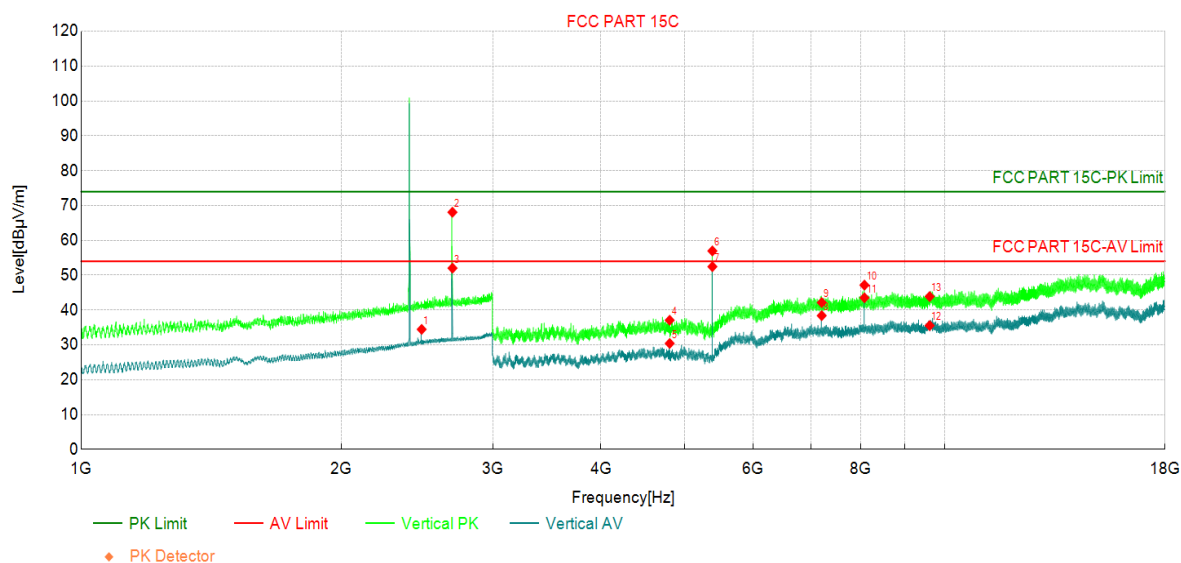
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	61.97	66.90	4.93	74.00	7.10	PK	Horizo	PASS
2	2692.00	47.41	52.34	4.93	54.00	1.66	AV	Horizo	PASS
3	4804.00	34.20	28.17	-6.03	54.00	25.83	AV	Horizo	PASS
4	4804.00	42.40	36.37	-6.03	74.00	37.63	PK	Horizo	PASS
5	5383.13	59.36	55.68	-3.68	74.00	18.32	PK	Horizo	PASS
6	5383.50	55.56	51.88	-3.68	54.00	2.12	AV	Horizo	PASS
7	7206.00	31.34	34.31	2.97	54.00	19.69	AV	Horizo	PASS
8	7206.00	39.69	42.66	2.97	74.00	31.34	PK	Horizo	PASS
9	8075.25	38.06	41.92	3.86	54.00	12.08	AV	Horizo	PASS
10	9608.00	29.58	35.52	5.94	54.00	18.48	AV	Horizo	PASS
11	9608.00	36.44	42.38	5.94	74.00	31.62	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2402MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

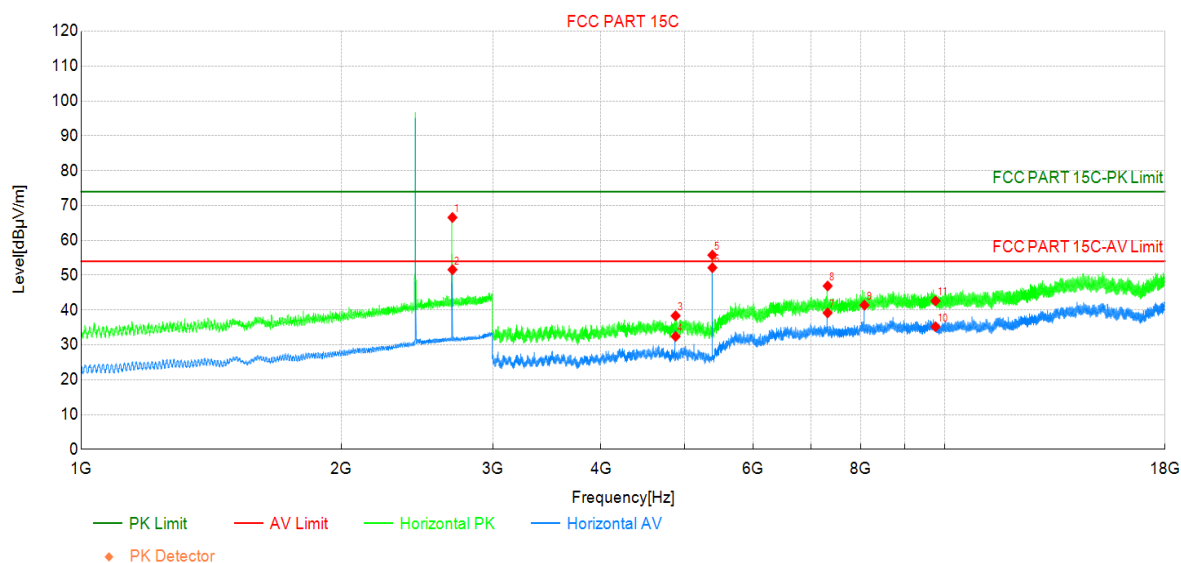
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2479.50	30.37	34.45	4.08	54.00	19.55	AV	Vertic	PASS
2	2691.50	63.14	68.07	4.93	74.00	5.93	PK	Vertic	PASS
3	2692.00	47.09	52.02	4.93	54.00	1.98	AV	Vertic	PASS
4	4804.00	43.10	37.07	-6.03	74.00	36.93	PK	Vertic	PASS
5	4804.00	36.44	30.41	-6.03	54.00	23.59	AV	Vertic	PASS
6	5383.13	60.64	56.96	-3.68	74.00	17.04	PK	Vertic	PASS
7	5383.50	56.13	52.45	-3.68	54.00	1.55	AV	Vertic	PASS
8	7205.63	35.41	38.38	2.97	54.00	15.62	AV	Vertic	PASS
9	7206.00	39.17	42.14	2.97	74.00	31.86	PK	Vertic	PASS
10	8074.88	43.28	47.14	3.86	74.00	26.86	PK	Vertic	PASS
11	8075.25	39.66	43.52	3.86	54.00	10.48	AV	Vertic	PASS
12	9608.00	29.60	35.54	5.94	54.00	18.46	AV	Vertic	PASS
13	9608.00	37.92	43.86	5.94	74.00	30.14	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2440MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

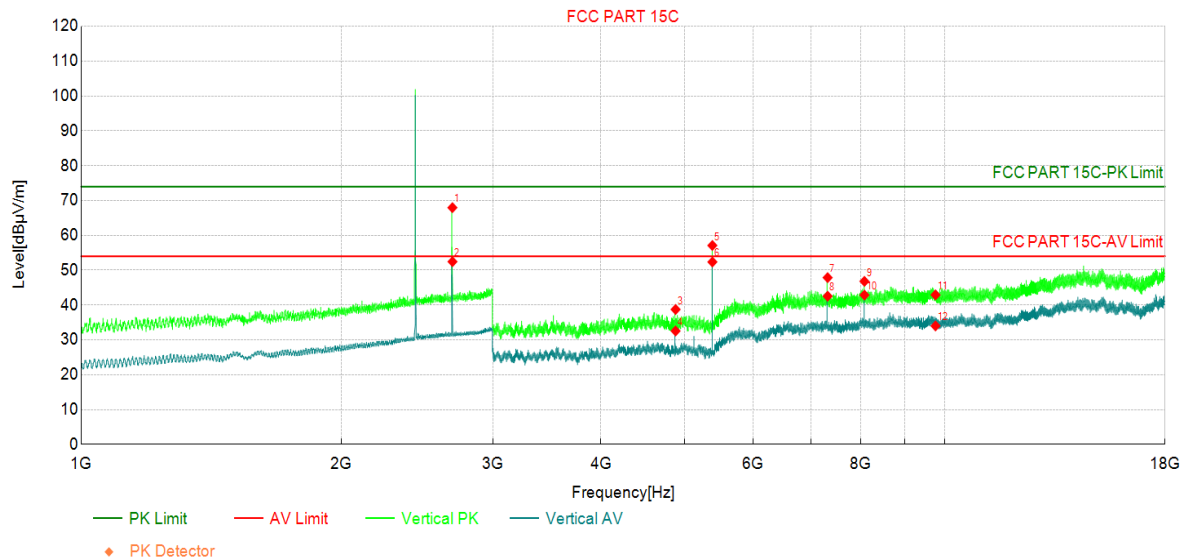
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	61.63	66.56	4.93	74.00	7.44	PK	Horizo	PASS
2	2692.00	46.65	51.58	4.93	54.00	2.42	AV	Horizo	PASS
3	4880.00	44.43	38.35	-6.08	74.00	35.65	PK	Horizo	PASS
4	4880.00	38.48	32.40	-6.08	54.00	21.60	AV	Horizo	PASS
5	5383.13	59.45	55.77	-3.68	74.00	18.23	PK	Horizo	PASS
6	5383.50	55.82	52.14	-3.68	54.00	1.86	AV	Horizo	PASS
7	7319.63	36.38	39.18	2.80	54.00	14.82	AV	Horizo	PASS
8	7320.38	44.09	46.89	2.80	74.00	27.11	PK	Horizo	PASS
9	8075.25	37.53	41.39	3.86	54.00	12.61	AV	Horizo	PASS
10	9760.00	29.07	35.20	6.13	54.00	18.80	AV	Horizo	PASS
11	9760.00	36.48	42.61	6.13	74.00	31.39	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2440MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

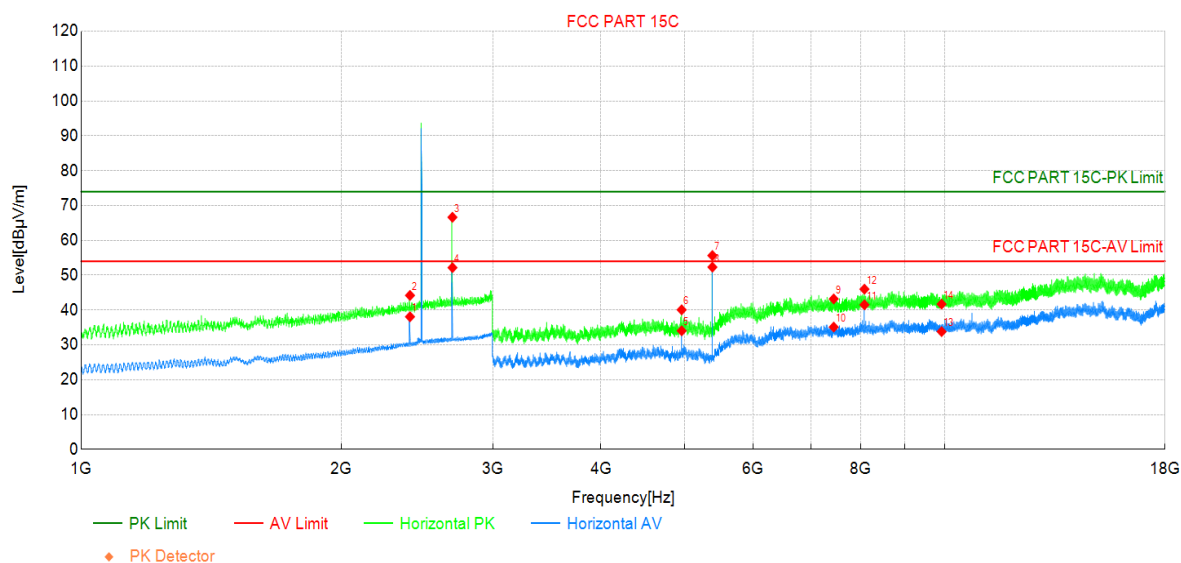
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	63.02	67.95	4.93	74.00	6.05	PK	Vertic	PASS
2	2692.00	47.51	52.44	4.93	54.00	1.56	AV	Vertic	PASS
3	4880.00	44.80	38.72	-6.08	74.00	35.28	PK	Vertic	PASS
4	4880.00	38.63	32.55	-6.08	54.00	21.45	AV	Vertic	PASS
5	5383.13	60.77	57.09	-3.68	74.00	16.91	PK	Vertic	PASS
6	5383.50	56.04	52.36	-3.68	54.00	1.64	AV	Vertic	PASS
7	7320.00	45.06	47.86	2.80	74.00	26.14	PK	Vertic	PASS
8	7320.00	39.74	42.54	2.80	54.00	11.46	AV	Vertic	PASS
9	8074.88	42.93	46.79	3.86	74.00	27.21	PK	Vertic	PASS
10	8075.25	39.00	42.86	3.86	54.00	11.14	AV	Vertic	PASS
11	9760.00	36.78	42.91	6.13	74.00	31.09	PK	Vertic	PASS
12	9760.00	27.87	34.00	6.13	54.00	20.00	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2480MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

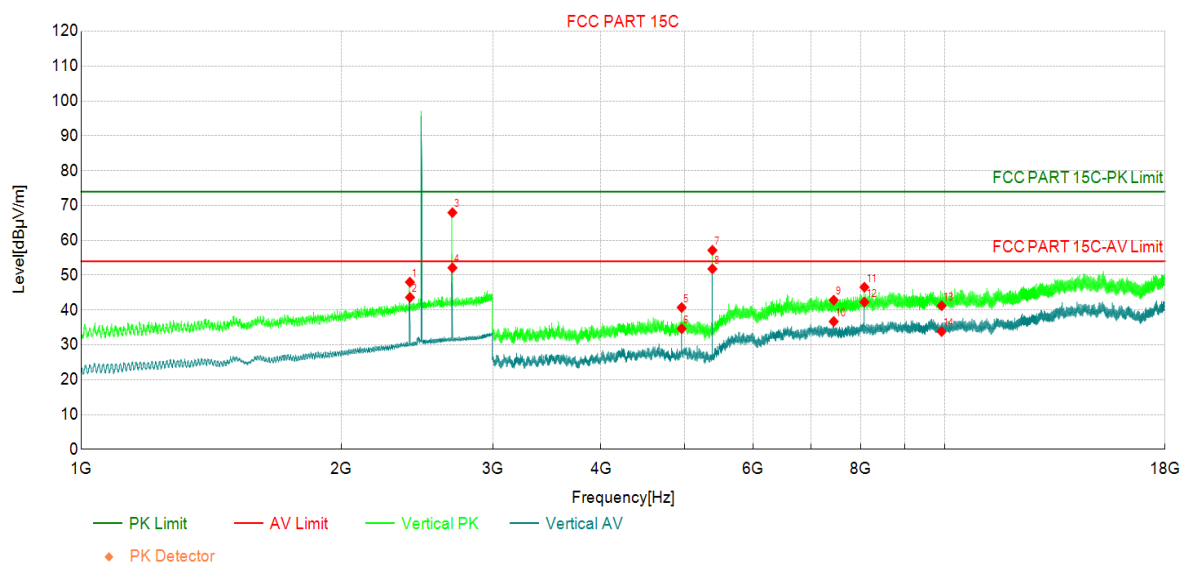
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.50	34.36	38.07	3.71	54.00	15.93	AV	Horizo	PASS
2	2403.50	40.49	44.20	3.71	74.00	29.80	PK	Horizo	PASS
3	2691.50	61.69	66.62	4.93	74.00	7.38	PK	Horizo	PASS
4	2692.00	47.23	52.16	4.93	54.00	1.84	AV	Horizo	PASS
5	4960.00	39.30	34.03	-5.27	54.00	19.97	AV	Horizo	PASS
6	4960.00	45.33	40.06	-5.27	74.00	33.94	PK	Horizo	PASS
7	5383.13	59.32	55.64	-3.68	74.00	18.36	PK	Horizo	PASS
8	5383.50	55.99	52.31	-3.68	54.00	1.69	AV	Horizo	PASS
9	7440.00	40.62	43.18	2.56	74.00	30.82	PK	Horizo	PASS
10	7440.00	32.55	35.11	2.56	54.00	18.89	AV	Horizo	PASS
11	8074.88	37.63	41.49	3.86	54.00	12.51	AV	Horizo	PASS
12	8074.88	42.12	45.98	3.86	74.00	28.02	PK	Horizo	PASS
13	9920.00	28.18	33.80	5.62	54.00	20.20	AV	Horizo	PASS
14	9920.00	36.08	41.70	5.62	74.00	32.30	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2480MHz by LE_Coded S=8	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

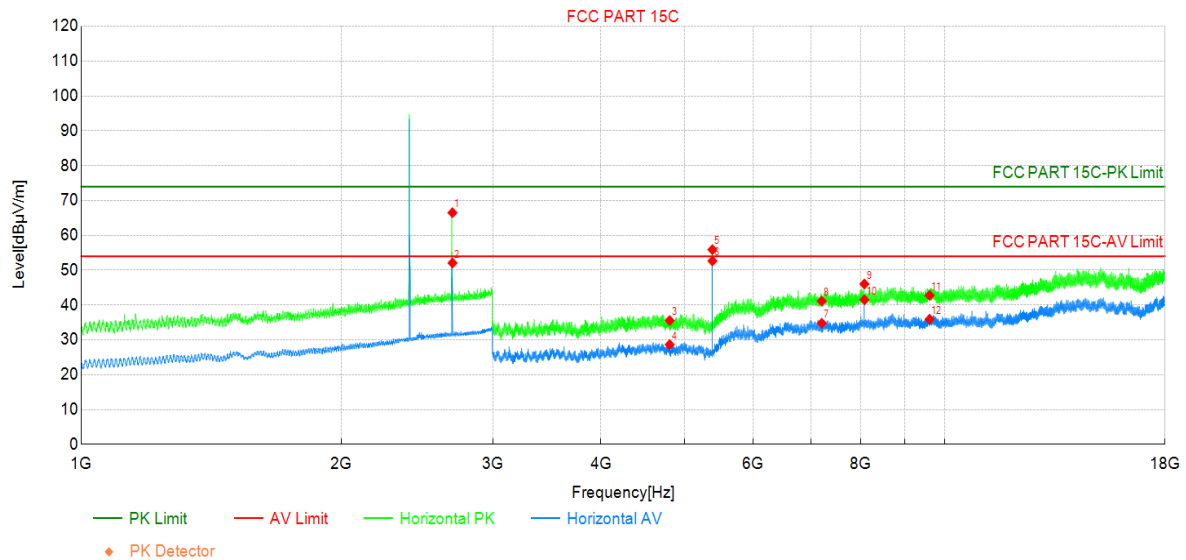
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	44.30	48.01	3.71	74.00	25.99	PK	Vertic	PASS
2	2403.50	39.92	43.63	3.71	54.00	10.37	AV	Vertic	PASS
3	2691.50	63.02	67.95	4.93	74.00	6.05	PK	Vertic	PASS
4	2692.00	47.18	52.11	4.93	54.00	1.89	AV	Vertic	PASS
5	4960.00	45.99	40.72	-5.27	74.00	33.28	PK	Vertic	PASS
6	4960.00	39.90	34.63	-5.27	54.00	19.37	AV	Vertic	PASS
7	5383.13	60.83	57.15	-3.68	74.00	16.85	PK	Vertic	PASS
8	5383.50	55.49	51.81	-3.68	54.00	2.19	AV	Vertic	PASS
9	7440.00	40.27	42.83	2.56	74.00	31.17	PK	Vertic	PASS
10	7440.00	34.13	36.69	2.56	54.00	17.31	AV	Vertic	PASS
11	8074.88	42.68	46.54	3.86	74.00	27.46	PK	Vertic	PASS
12	8074.88	38.41	42.27	3.86	54.00	11.73	AV	Vertic	PASS
13	9920.00	35.61	41.23	5.62	74.00	32.77	PK	Vertic	PASS
14	9920.00	28.19	33.81	5.62	54.00	20.19	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2402MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

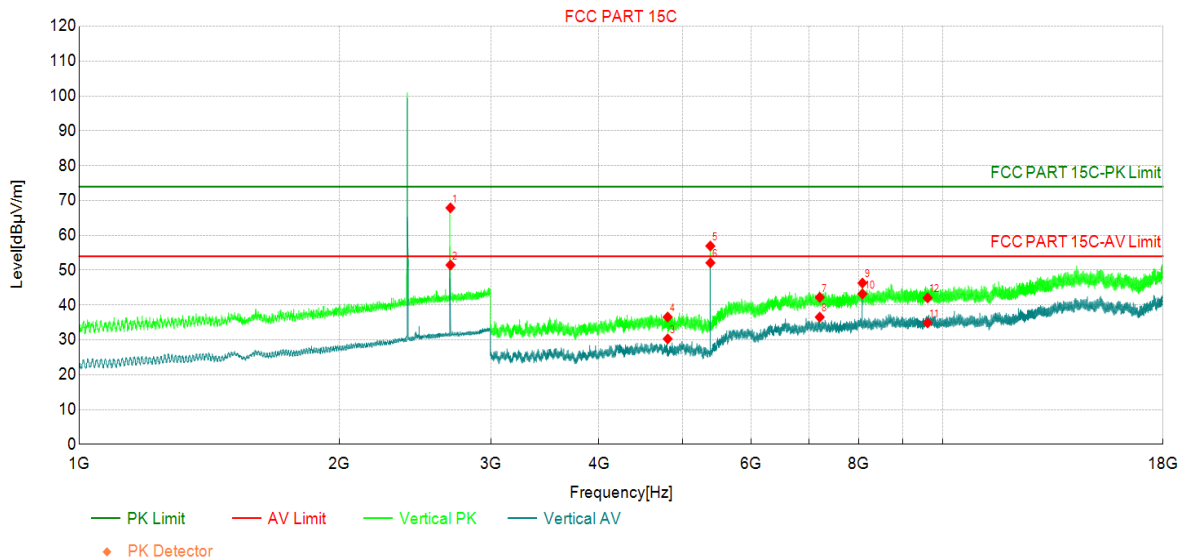
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	61.57	66.50	4.93	74.00	7.50	PK	Horizo	PASS
2	2692.00	47.15	52.08	4.93	54.00	1.92	AV	Horizo	PASS
3	4804.00	41.58	35.55	-6.03	74.00	38.45	PK	Horizo	PASS
4	4804.00	34.66	28.63	-6.03	54.00	25.37	AV	Horizo	PASS
5	5383.13	59.58	55.90	-3.68	74.00	18.10	PK	Horizo	PASS
6	5383.50	56.35	52.67	-3.68	54.00	1.33	AV	Horizo	PASS
7	7206.00	31.81	34.78	2.97	54.00	19.22	AV	Horizo	PASS
8	7206.00	38.14	41.11	2.97	74.00	32.89	PK	Horizo	PASS
9	8074.50	42.17	46.03	3.86	74.00	27.97	PK	Horizo	PASS
10	8074.88	37.65	41.51	3.86	54.00	12.49	AV	Horizo	PASS
11	9608.00	36.83	42.77	5.94	74.00	31.23	PK	Horizo	PASS
12	9608.00	29.97	35.91	5.94	54.00	18.09	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2402MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

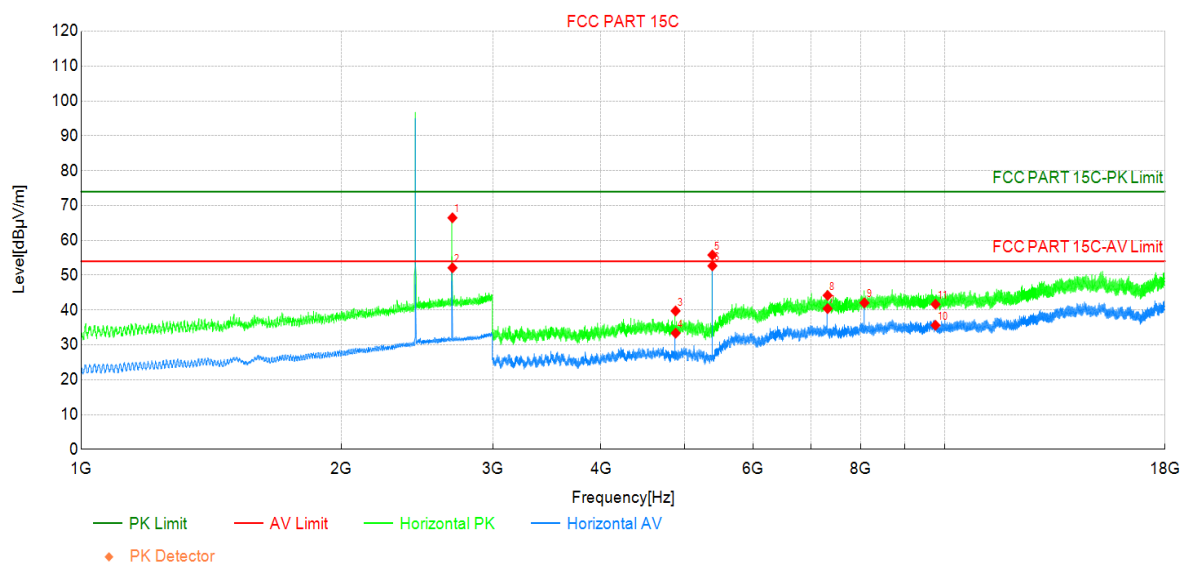
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	62.96	67.89	4.93	74.00	6.11	PK	Vertic	PASS
2	2692.00	46.56	51.49	4.93	54.00	2.51	AV	Vertic	PASS
3	4804.00	36.31	30.28	-6.03	54.00	23.72	AV	Vertic	PASS
4	4804.00	42.58	36.55	-6.03	74.00	37.45	PK	Vertic	PASS
5	5383.13	60.62	56.94	-3.68	74.00	17.06	PK	Vertic	PASS
6	5383.50	55.79	52.11	-3.68	54.00	1.89	AV	Vertic	PASS
7	7206.00	39.24	42.21	2.97	74.00	31.79	PK	Vertic	PASS
8	7206.00	33.55	36.52	2.97	54.00	17.48	AV	Vertic	PASS
9	8074.88	42.45	46.31	3.86	74.00	27.69	PK	Vertic	PASS
10	8075.25	39.32	43.18	3.86	54.00	10.82	AV	Vertic	PASS
11	9608.00	28.91	34.85	5.94	54.00	19.15	AV	Vertic	PASS
12	9608.00	36.10	42.04	5.94	74.00	31.96	PK	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2440MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

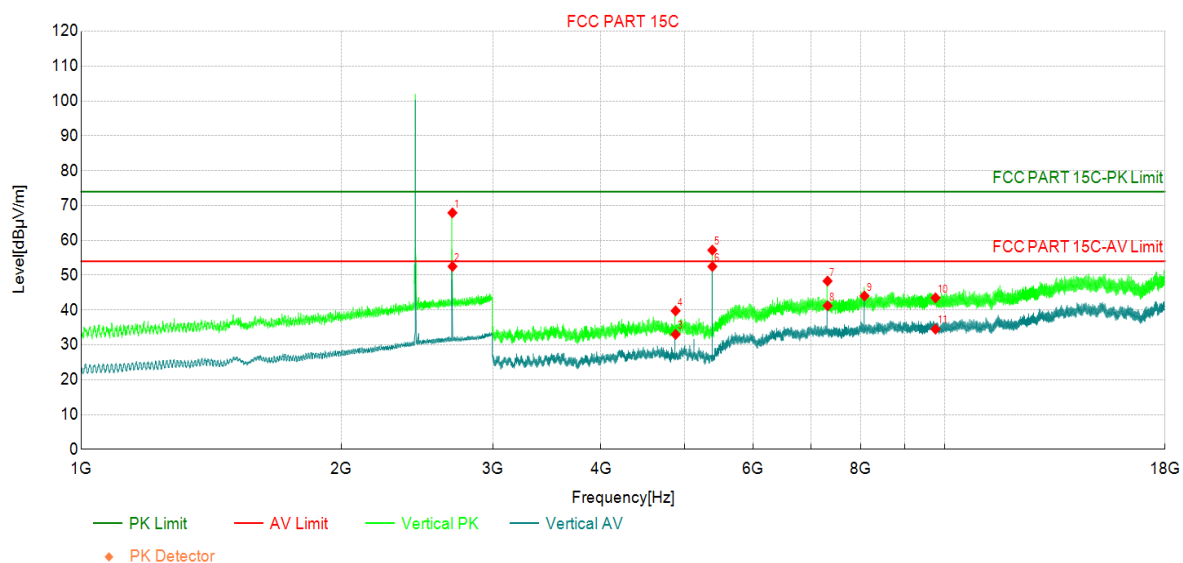
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	61.53	66.46	4.93	74.00	7.54	PK	Horizo	PASS
2	2692.00	47.19	52.12	4.93	54.00	1.88	AV	Horizo	PASS
3	4880.00	45.81	39.73	-6.08	74.00	34.27	PK	Horizo	PASS
4	4880.63	39.44	33.36	-6.08	54.00	20.64	AV	Horizo	PASS
5	5383.13	59.48	55.80	-3.68	74.00	18.20	PK	Horizo	PASS
6	5383.50	56.35	52.67	-3.68	54.00	1.33	AV	Horizo	PASS
7	7319.63	37.61	40.41	2.80	54.00	13.59	AV	Horizo	PASS
8	7320.00	41.38	44.18	2.80	74.00	29.82	PK	Horizo	PASS
9	8075.25	38.19	42.05	3.86	54.00	11.95	AV	Horizo	PASS
10	9760.00	29.49	35.62	6.13	54.00	18.38	AV	Horizo	PASS
11	9760.00	35.52	41.65	6.13	74.00	32.35	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2440MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

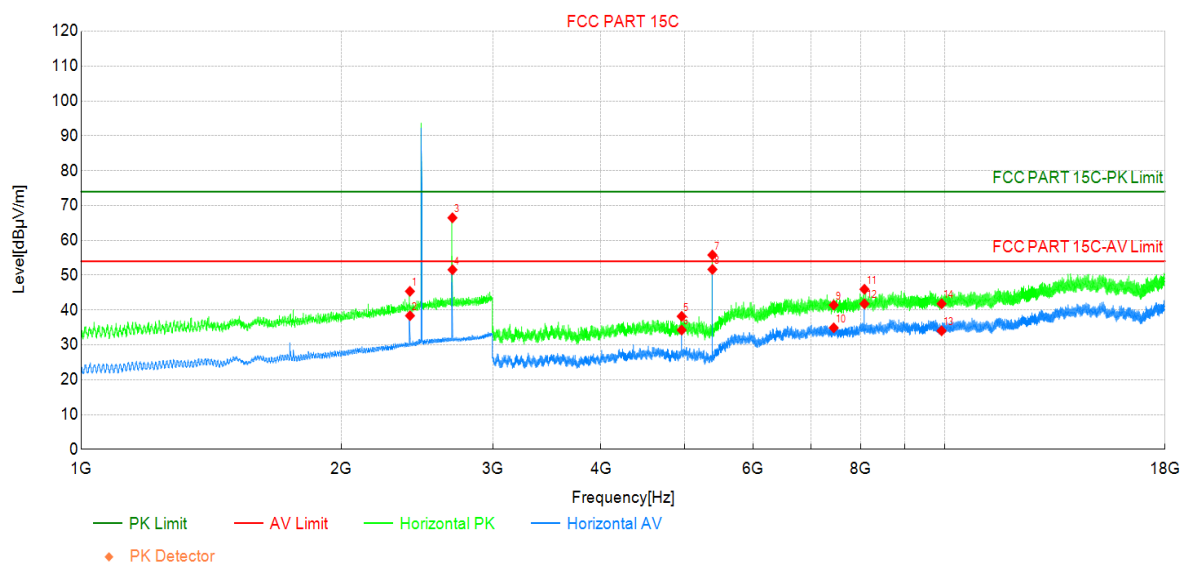
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2691.50	62.96	67.89	4.93	74.00	6.11	PK	Vertic	PASS
2	2692.00	47.58	52.51	4.93	54.00	1.49	AV	Vertic	PASS
3	4880.00	39.08	33.00	-6.08	54.00	21.00	AV	Vertic	PASS
4	4880.00	45.84	39.76	-6.08	74.00	34.24	PK	Vertic	PASS
5	5383.13	60.87	57.19	-3.68	74.00	16.81	PK	Vertic	PASS
6	5383.50	56.16	52.48	-3.68	54.00	1.52	AV	Vertic	PASS
7	7319.25	45.50	48.31	2.81	74.00	25.69	PK	Vertic	PASS
8	7320.00	38.43	41.23	2.80	54.00	12.77	AV	Vertic	PASS
9	8075.25	40.18	44.04	3.86	54.00	9.96	AV	Vertic	PASS
10	9760.00	37.37	43.50	6.13	74.00	30.50	PK	Vertic	PASS
11	9760.00	28.38	34.51	6.13	54.00	19.49	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2480MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

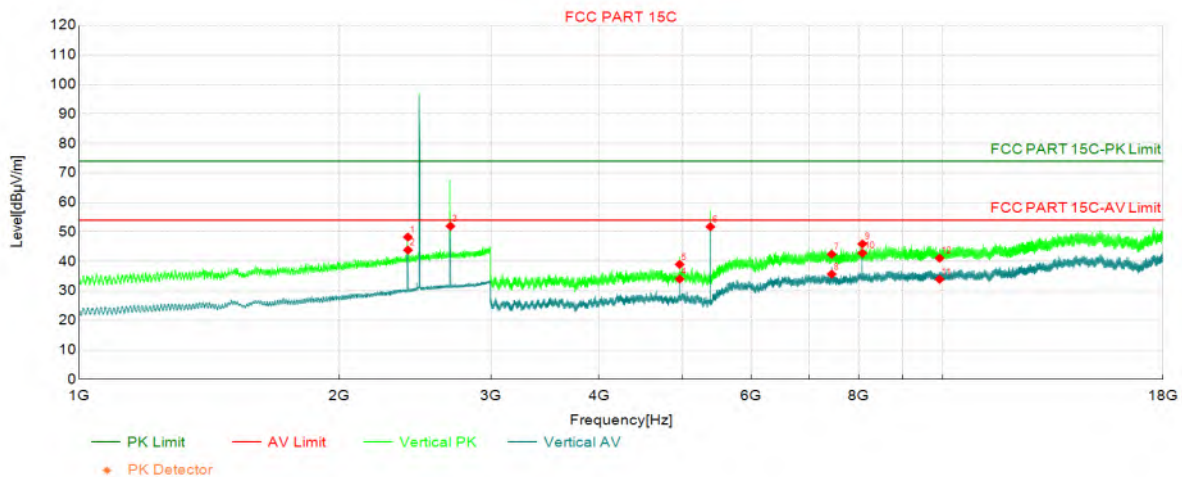
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	41.65	45.36	3.71	74.00	28.64	PK	Horizo	PASS
2	2403.50	34.65	38.36	3.71	54.00	15.64	AV	Horizo	PASS
3	2691.50	61.53	66.46	4.93	74.00	7.54	PK	Horizo	PASS
4	2692.00	46.64	51.57	4.93	54.00	2.43	AV	Horizo	PASS
5	4960.00	43.45	38.18	-5.27	74.00	35.82	PK	Horizo	PASS
6	4960.00	39.52	34.25	-5.27	54.00	19.75	AV	Horizo	PASS
7	5383.13	59.48	55.80	-3.68	74.00	18.20	PK	Horizo	PASS
8	5383.50	55.34	51.66	-3.68	54.00	2.34	AV	Horizo	PASS
9	7440.00	38.86	41.42	2.56	74.00	32.58	PK	Horizo	PASS
10	7440.00	32.33	34.89	2.56	54.00	19.11	AV	Horizo	PASS
11	8074.88	42.09	45.95	3.86	74.00	28.05	PK	Horizo	PASS
12	8075.25	37.92	41.78	3.86	54.00	12.22	AV	Horizo	PASS
13	9920.00	28.42	34.04	5.62	54.00	19.96	AV	Horizo	PASS
14	9920.00	36.18	41.80	5.62	74.00	32.20	PK	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode4:Transmit at 2480MHz by LE_Coded S=2	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2403.00	44.54	48.25	3.71	74.00	25.75	PK	Vertic	PASS
2	2403.50	40.14	43.85	3.71	54.00	10.15	AV	Vertic	PASS
3	2692.00	47.01	51.94	4.93	54.00	2.06	AV	Vertic	PASS
4	4960.00	39.29	34.02	-5.27	54.00	19.98	AV	Vertic	PASS
5	4960.00	44.26	38.99	-5.27	74.00	35.01	PK	Vertic	PASS
6	5383.50	55.43	51.75	-3.68	54.00	2.25	AV	Vertic	PASS
7	7440.00	39.88	42.44	2.56	74.00	31.56	PK	Vertic	PASS
8	7440.00	33.11	35.67	2.56	54.00	18.33	AV	Vertic	PASS
9	8074.88	42.07	45.93	3.86	74.00	28.07	PK	Vertic	PASS
10	8075.25	38.93	42.79	3.86	54.00	11.21	AV	Vertic	PASS
11	9920.00	28.32	33.94	5.62	54.00	20.06	AV	Vertic	PASS
12	9920.00	35.48	41.10	5.62	74.00	32.90	PK	Vertic	PASS

Note:

1. Level = Reading + Factor .

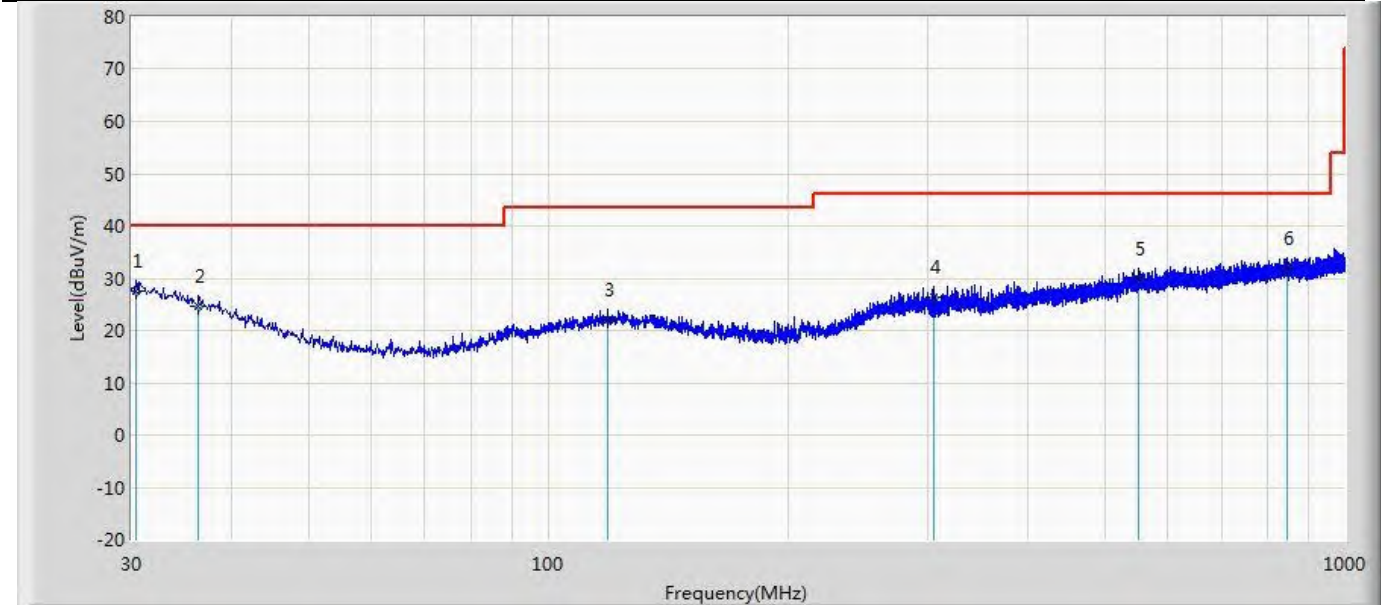
2. Margin = Limit - Level.

3. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.

4. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

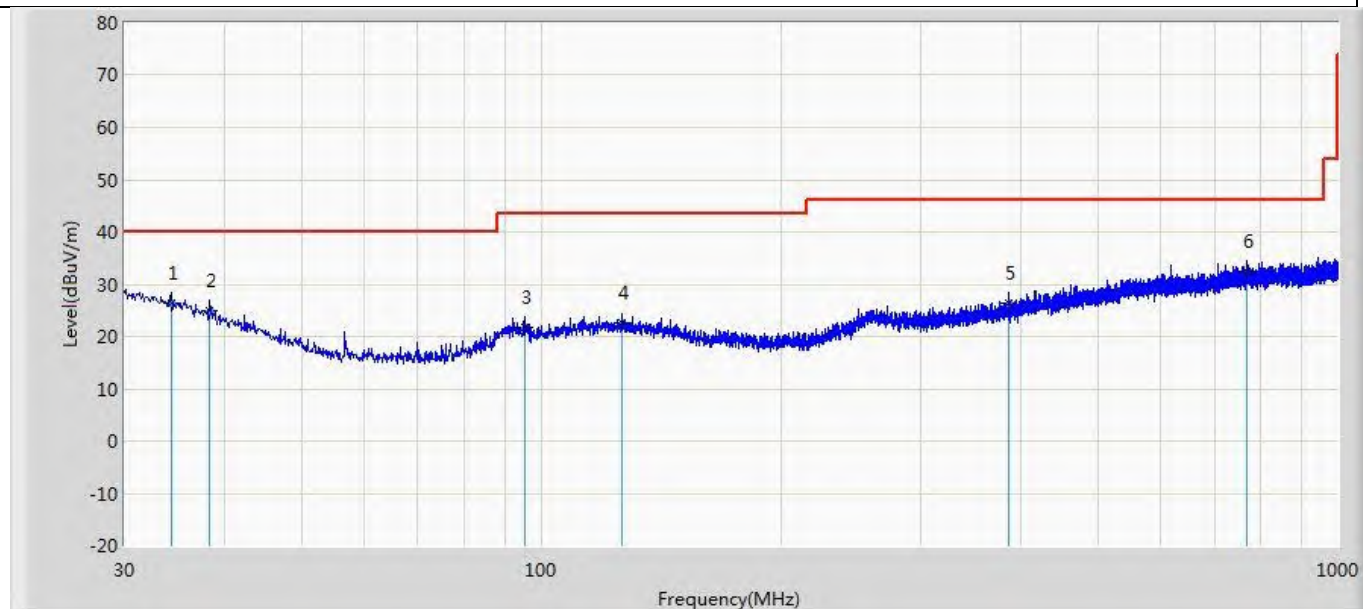
The worst case of Radiated Emission below 1GHz :

Profile: 2530770R	Page No.: 3
Engineer: Yu Liu	
Site: AC2	Time: 2025/04/19 - 03:41
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: Smart Controller	Power: 230 Vac / 50 Hz
Note: mode 2:Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	30.364	27.681	2.807	-12.319	40.000	24.874	QP
2		36.426	24.621	2.654	-15.379	40.000	21.967	QP
3		118.997	22.019	2.701	-21.481	43.500	19.318	QP
4		304.753	26.501	5.541	-19.499	46.000	20.960	QP
5		550.526	29.993	3.266	-16.007	46.000	26.726	QP
6		845.042	32.024	2.841	-13.976	46.000	29.182	QP

Profile: 2530770R	Page No.: 4
Engineer: Yu Liu	
Site: AC2	Time: 2025/04/19 - 03:42
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Vertical
EUT: Smart Controller	Power: 230 Vac / 50 Hz
Note: mode 2:Transmit at 2402MHz by LE_1Mbps	



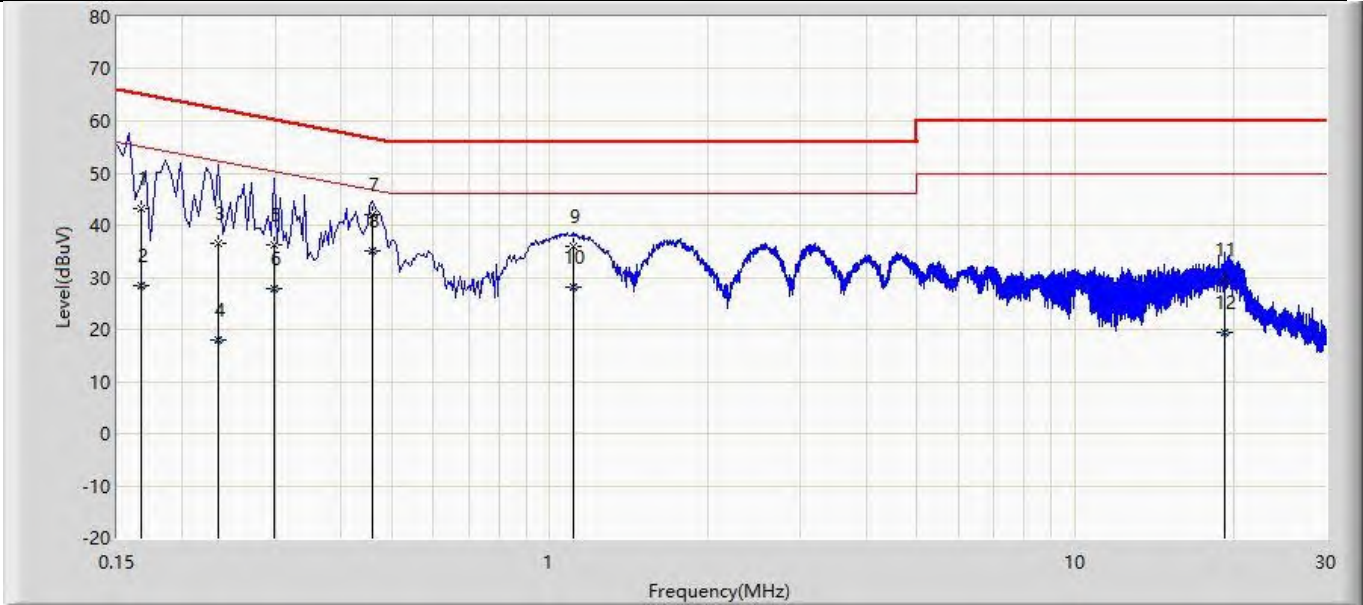
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		34.365	26.312	3.286	-13.688	40.000	23.026	QP
2		38.366	25.013	4.091	-14.987	40.000	20.921	QP
3		95.232	21.632	4.811	-21.868	43.500	16.821	QP
4		126.272	22.490	3.194	-21.010	43.500	19.296	QP
5		386.839	26.349	3.337	-19.651	46.000	23.013	QP
6	*	768.534	32.517	4.138	-13.483	46.000	28.379	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

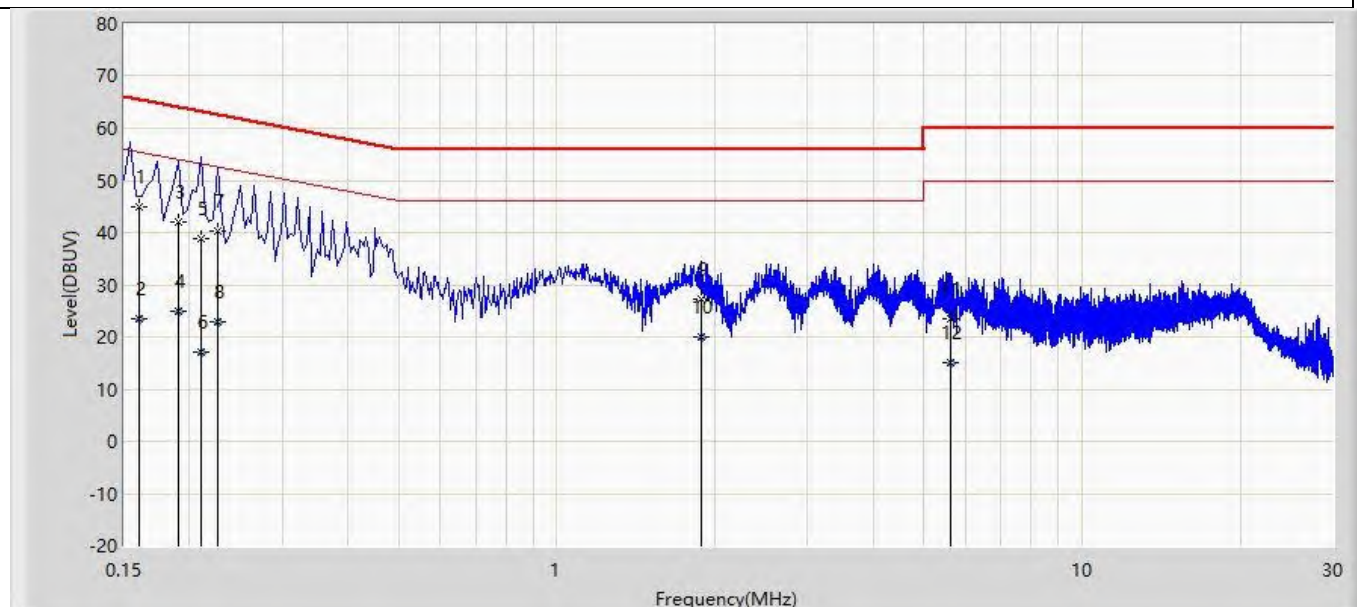
Appendix H: AC Power Line Conducted Emission

Profile: 2530770R	Page No.: 3
Site: TR1	Time: 2025/04/18 - 22:16
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Smart Controller	Power: 230 Vac / 50 Hz
Note: Mode 2:Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.167	43.325	33.622	-21.779	65.105	9.704	QP
2		0.167	28.299	18.596	-26.806	55.105	9.704	AV
3		0.234	36.660	26.961	-25.646	62.307	9.699	QP
4		0.234	18.056	8.357	-34.250	52.307	9.699	AV
5		0.298	36.100	26.389	-24.199	60.298	9.711	QP
6		0.298	27.881	18.170	-22.418	50.298	9.711	AV
7		0.458	41.952	32.213	-14.777	56.729	9.739	QP
8	*	0.458	35.127	25.388	-11.602	46.729	9.739	AV
9		1.106	35.923	26.167	-20.077	56.000	9.757	QP
10		1.106	27.989	18.232	-18.011	46.000	9.757	AV
11		19.202	29.591	19.108	-30.409	60.000	10.483	QP
12		19.202	19.384	8.901	-30.616	50.000	10.483	AV

Profile: 2530770R	Page No.: 4
Site: TR1	Time: 2025/04/18 - 22:19
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Smart Controller	Power: 230 Vac / 50 Hz
Note: Mode 2:Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (DBUV)	Reading Level (DBUV)	Over Limit (dB)	Limit (DBUV)	Factor (dB)	Type
1	*	0.160	44.966	35.238	-20.483	65.449	9.727	QP
2		0.160	23.367	13.640	-32.082	55.449	9.727	AV
3		0.190	41.989	32.295	-22.048	64.037	9.694	QP
4		0.190	24.887	15.193	-29.150	54.037	9.694	AV
5		0.210	38.853	29.169	-24.352	63.205	9.684	QP
6		0.210	17.038	7.354	-36.168	53.205	9.684	AV
7		0.226	40.368	30.690	-22.227	62.595	9.679	QP
8		0.226	22.832	13.154	-29.764	52.595	9.679	AV
9		1.886	27.140	17.405	-28.860	56.000	9.734	QP
10		1.886	19.901	10.167	-26.099	46.000	9.734	AV
11		5.626	23.519	13.645	-36.481	60.000	9.873	QP
12		5.626	14.951	5.078	-35.049	50.000	9.873	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

The End