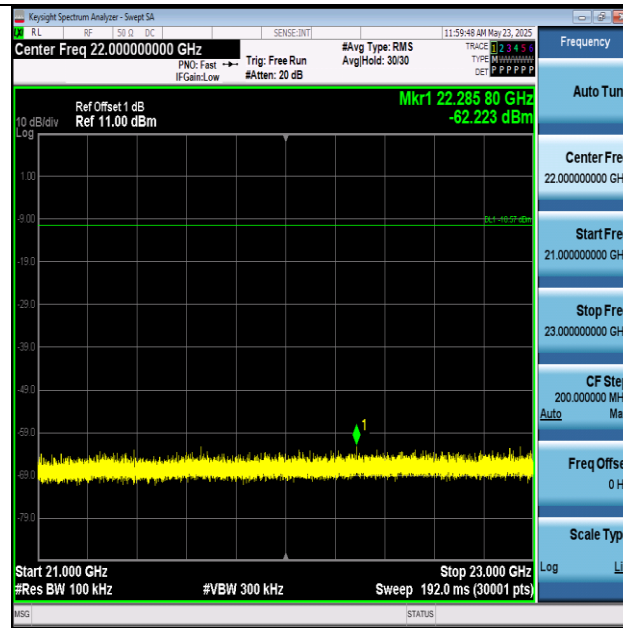
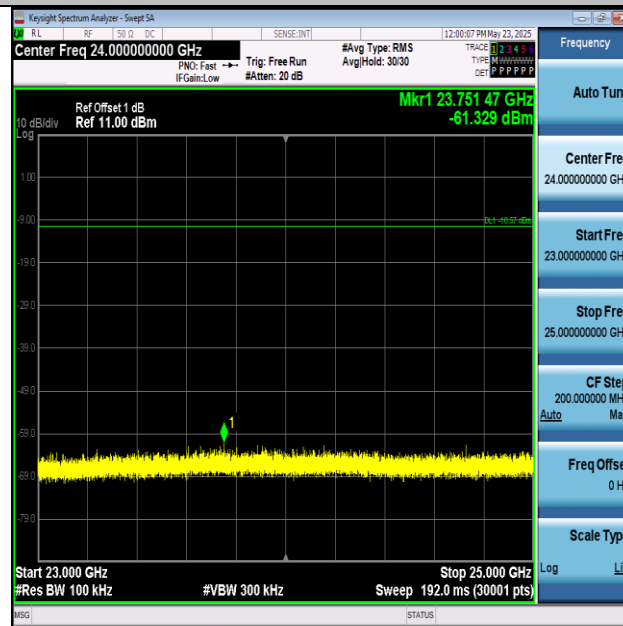
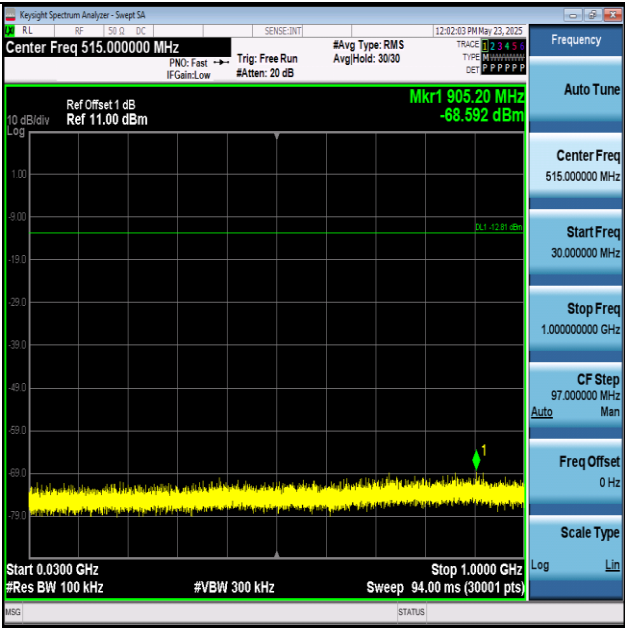




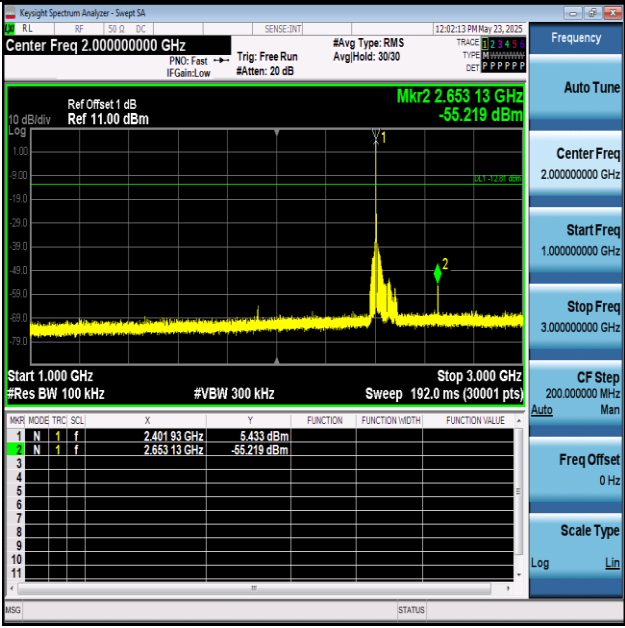
2DH5-Ant1-2480-21000~23000-PASS



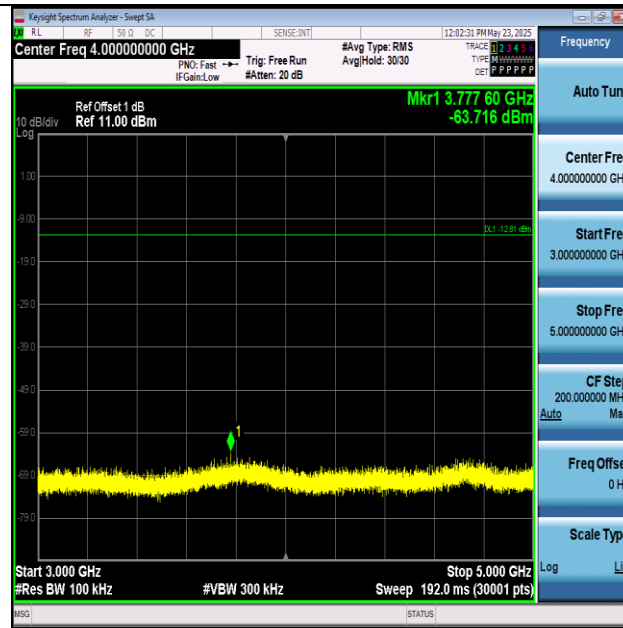
2DH5-Ant1-2480-23000~25000-PASS



3DH5-Ant1-2402-30~1000-PASS



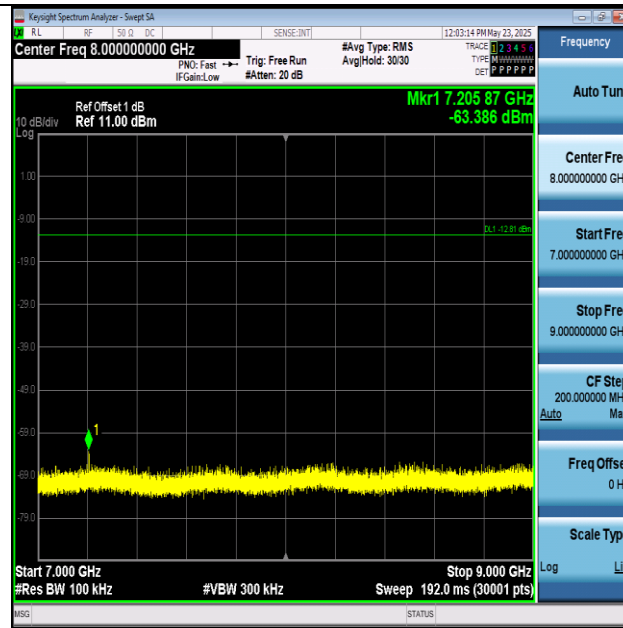
3DH5-Ant1-2402-1000~3000-PASS



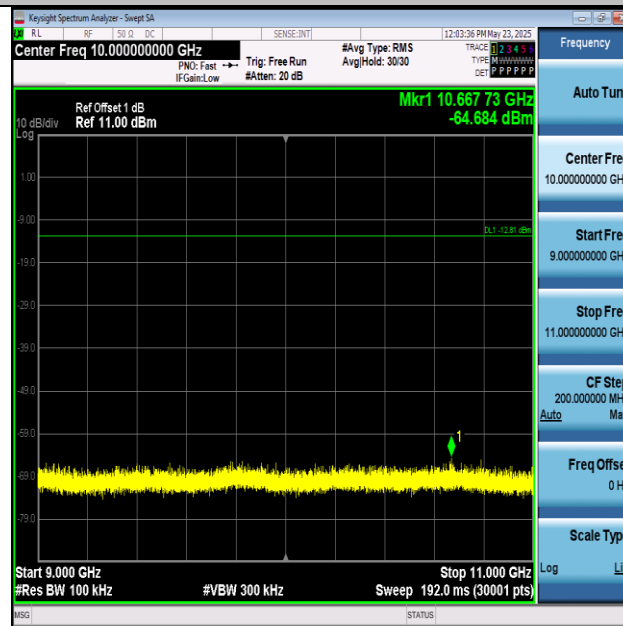
3DH5-Ant1-2402-3000~5000-PASS



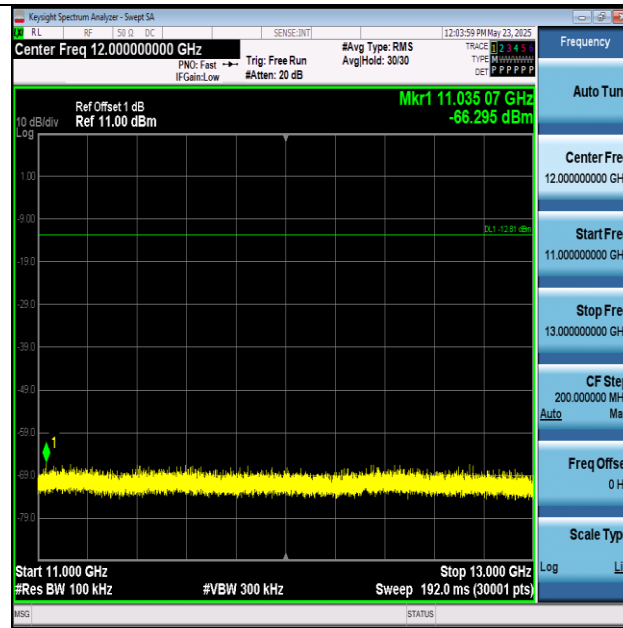
3DH5-Ant1-2402-5000~7000-PASS



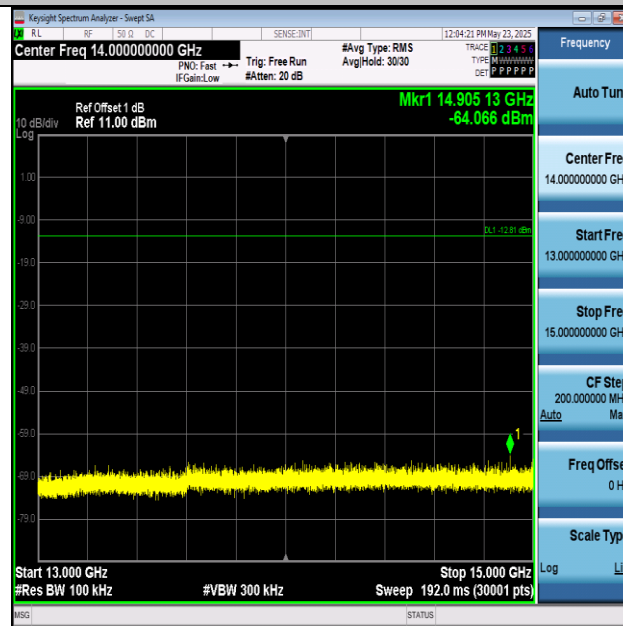
3DH5-Ant1-2402-7000~9000-PASS



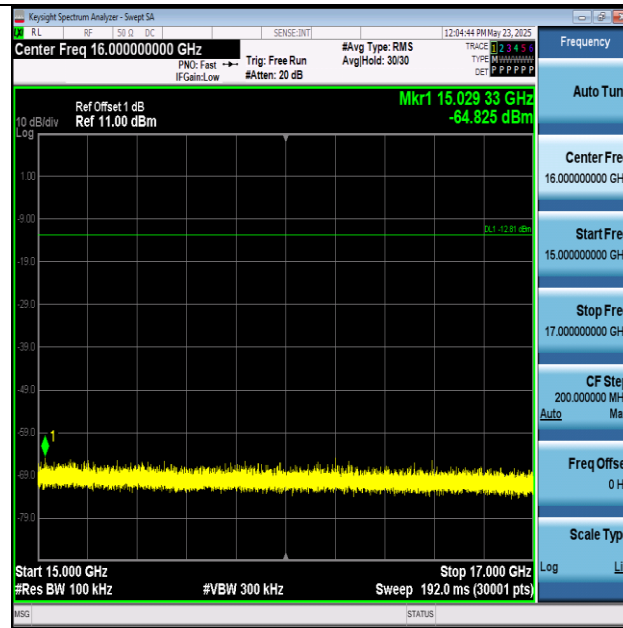
3DH5-Ant1-2402-9000~11000-PASS



3DH5-Ant1-2402-11000~13000-PASS



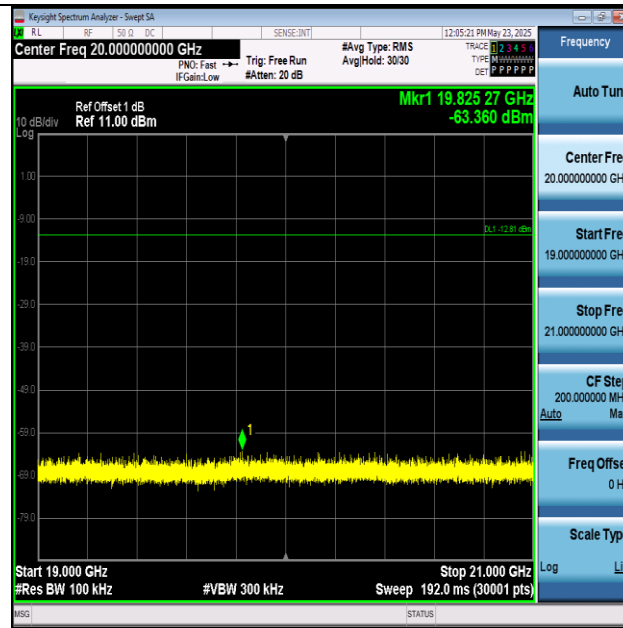
3DH5-Ant1-2402-13000~15000-PASS



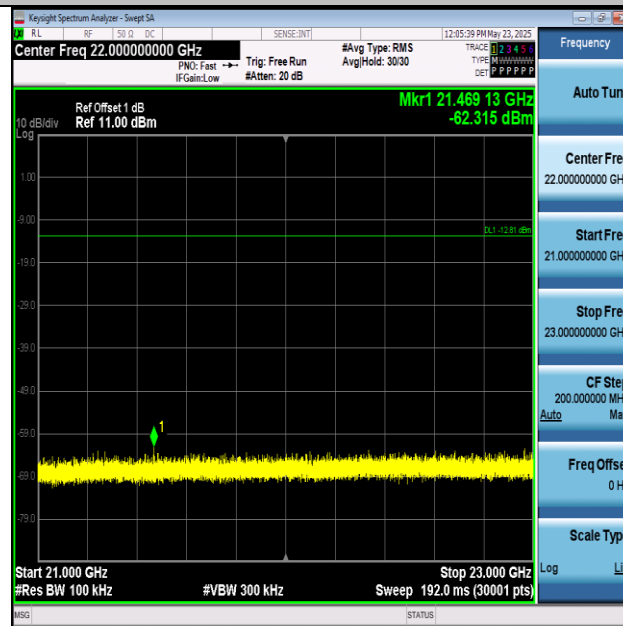
3DH5-Ant1-2402-15000~17000-PASS



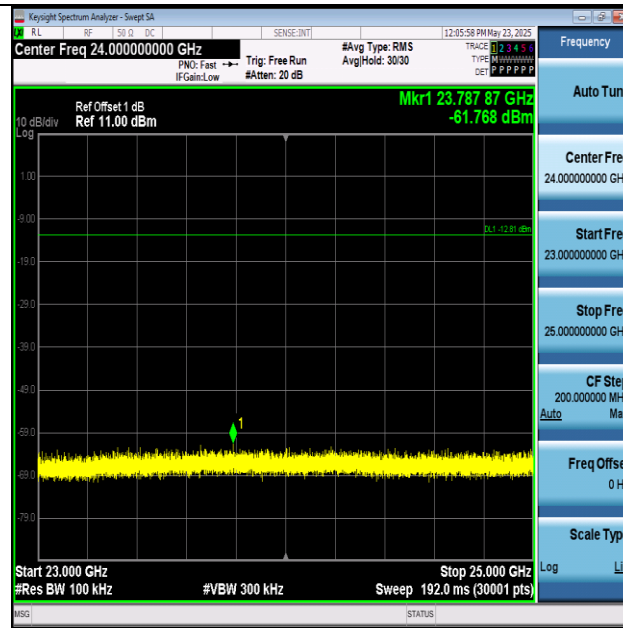
3DH5-Ant1-2402-17000~19000-PASS



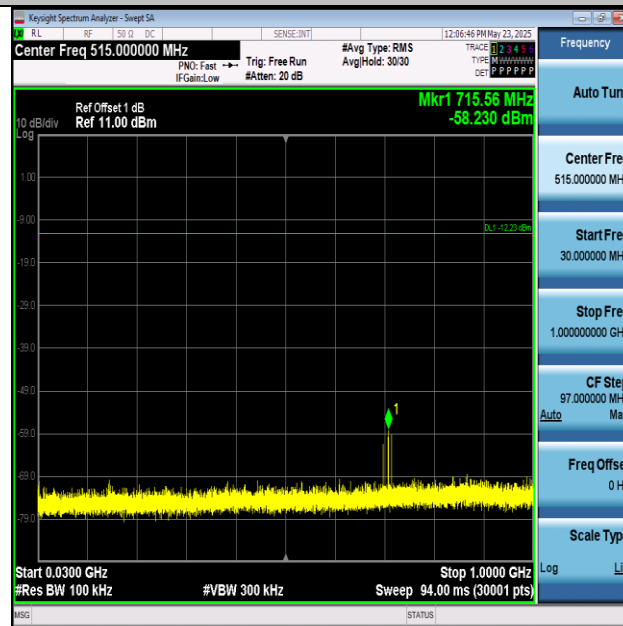
3DH5-Ant1-2402-19000~21000-PASS



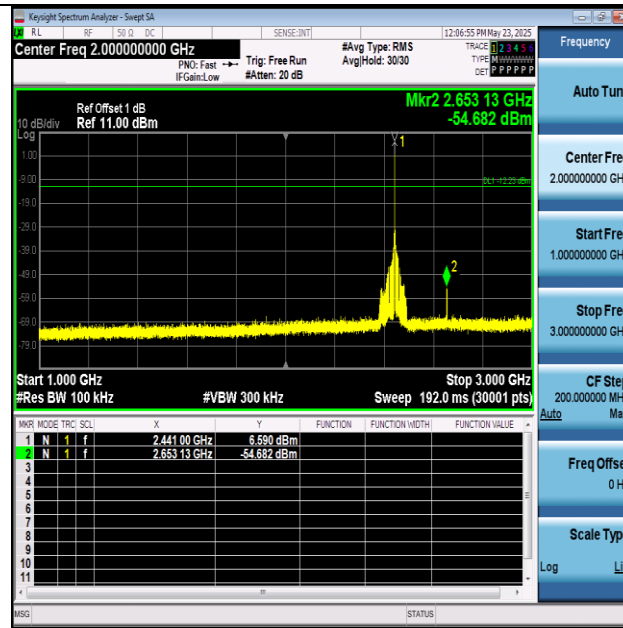
3DH5-Ant1-2402-21000~23000-PASS



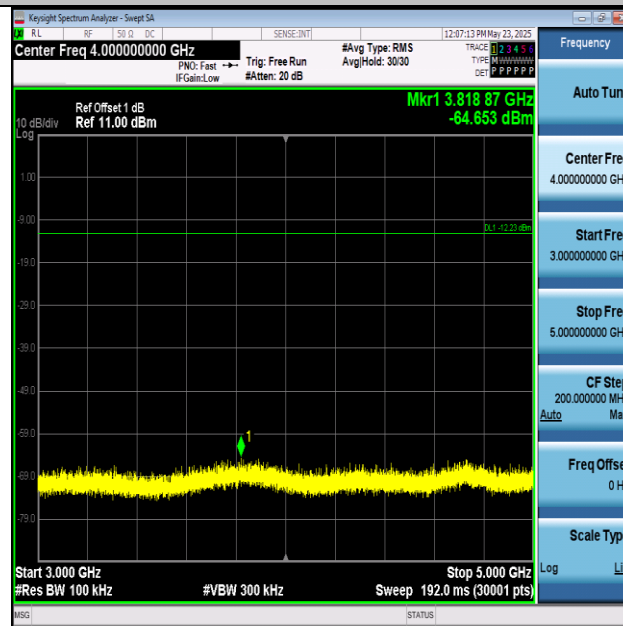
3DH5-Ant1-2402-23000~25000-PASS



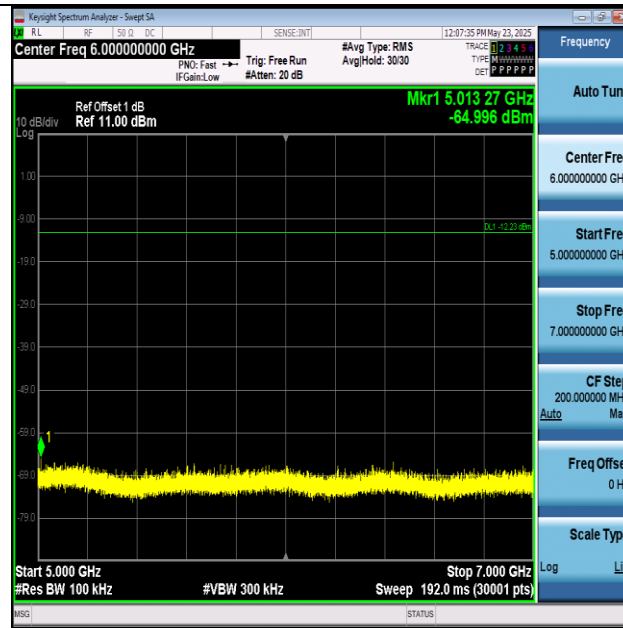
3DH5-Ant1-2441-30~1000-PASS



3DH5-Ant1-2441-1000~3000-PASS



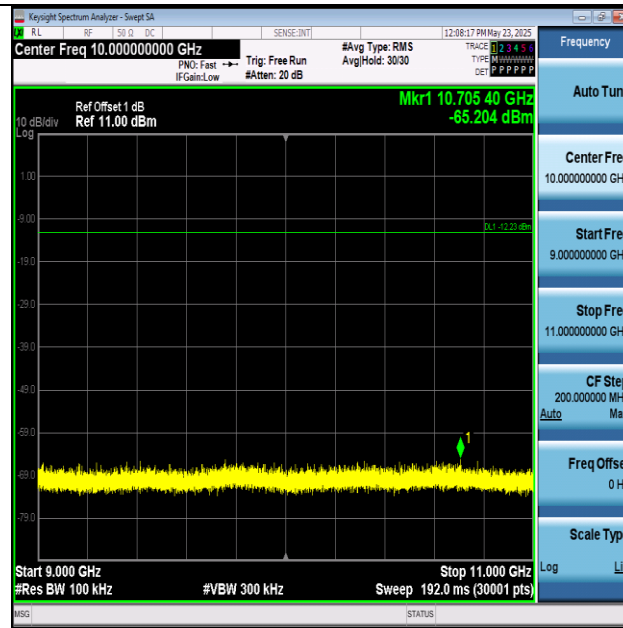
3DH5-Ant1-2441-3000~5000-PASS



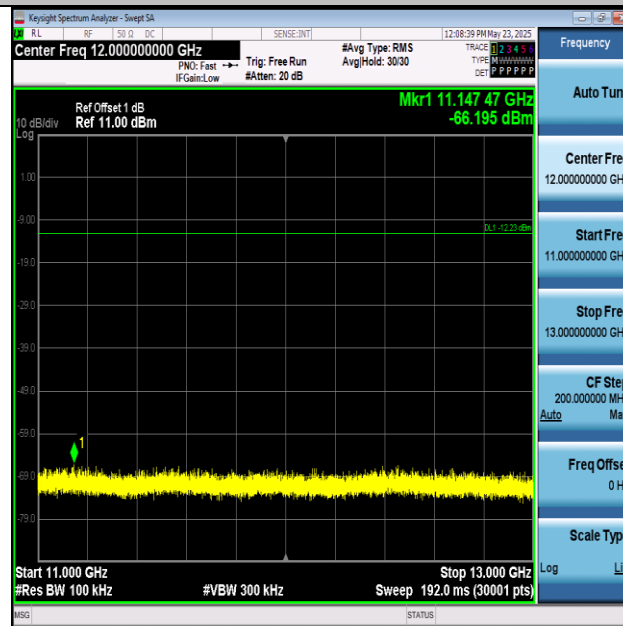
3DH5-Ant1-2441-5000~7000-PASS



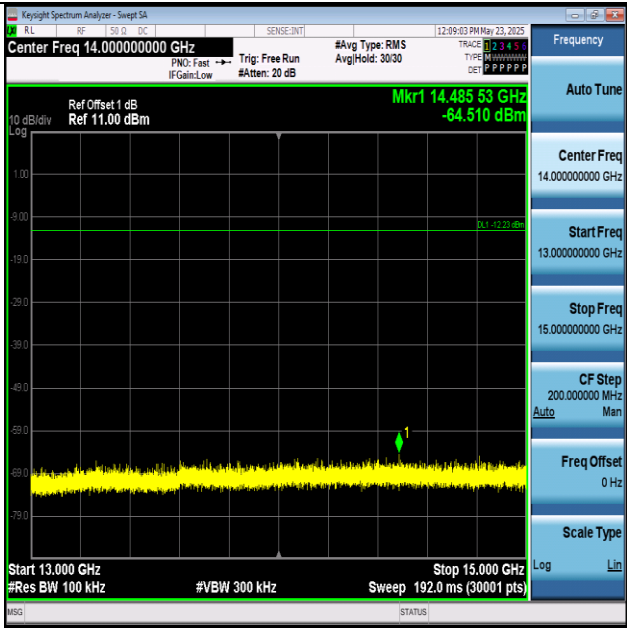
3DH5-Ant1-2441-7000~9000-PASS



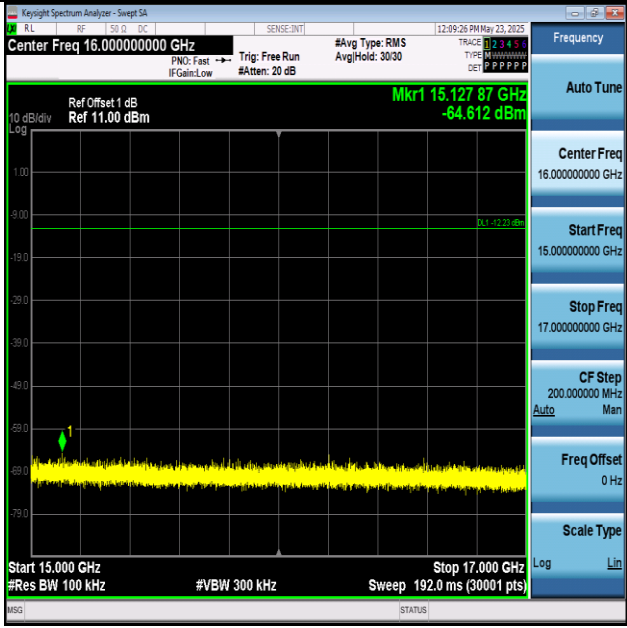
3DH5-Ant1-2441-9000~11000-PASS



3DH5-Ant1-2441-11000~13000-PASS



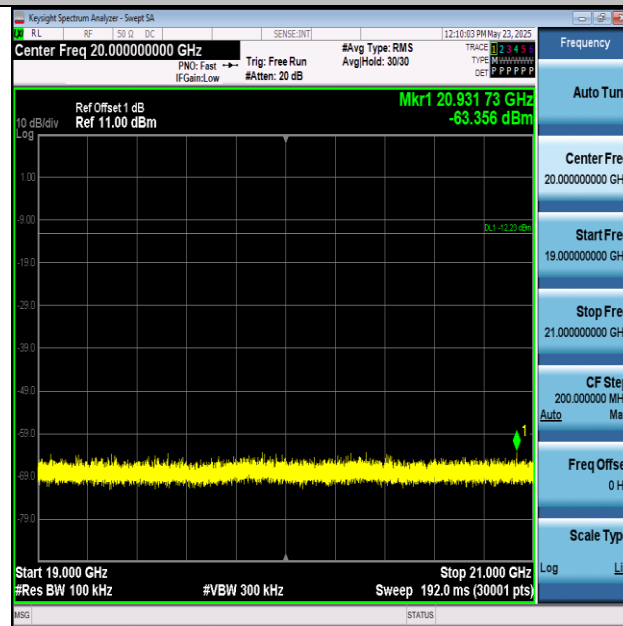
3DH5-Ant1-2441-13000~15000-PASS



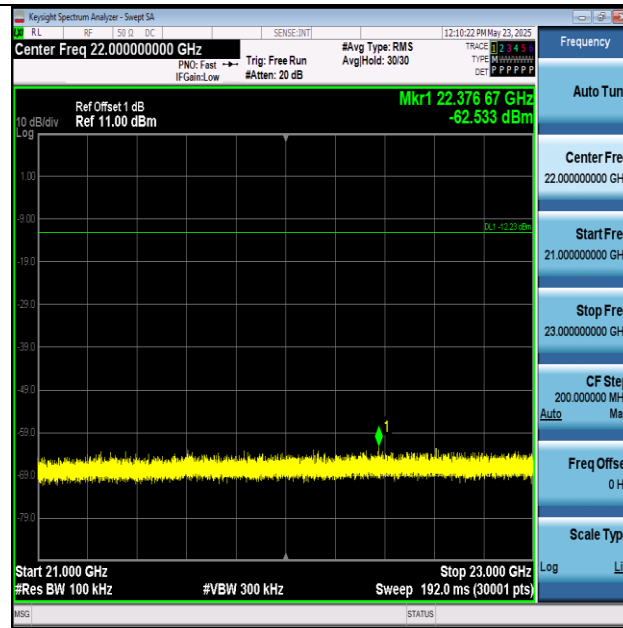
3DH5-Ant1-2441-15000~17000-PASS



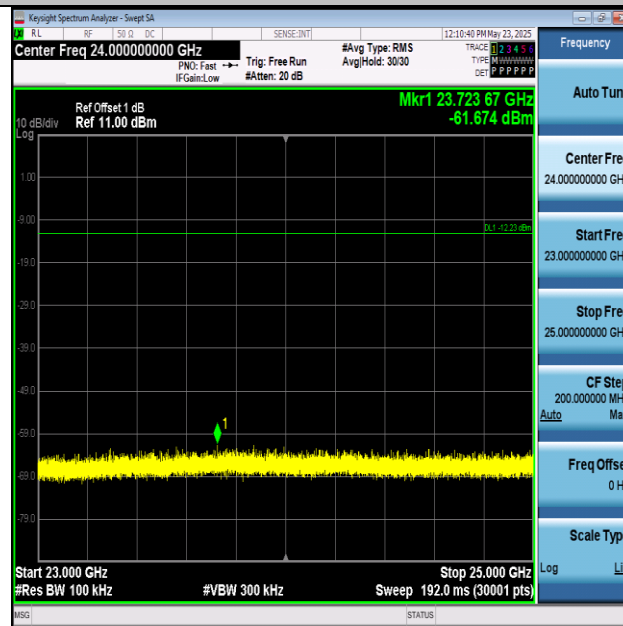
3DH5-Ant1-2441-17000~19000-PASS



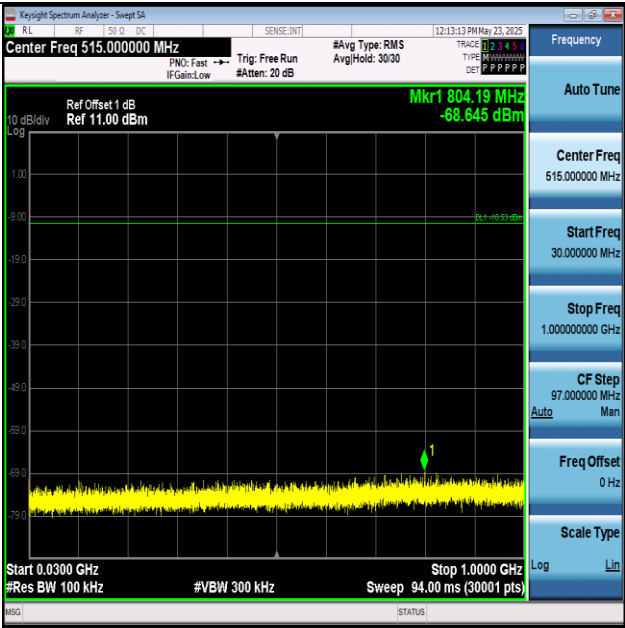
3DH5-Ant1-2441-19000~21000-PASS



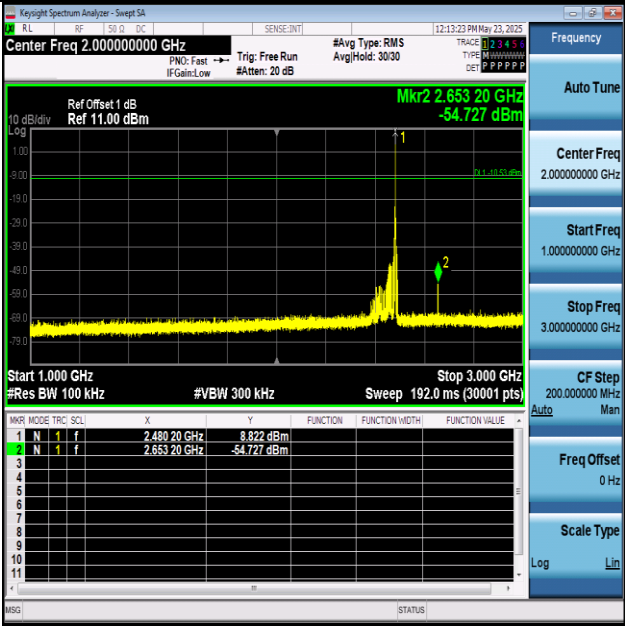
3DH5-Ant1-2441-21000~23000-PASS



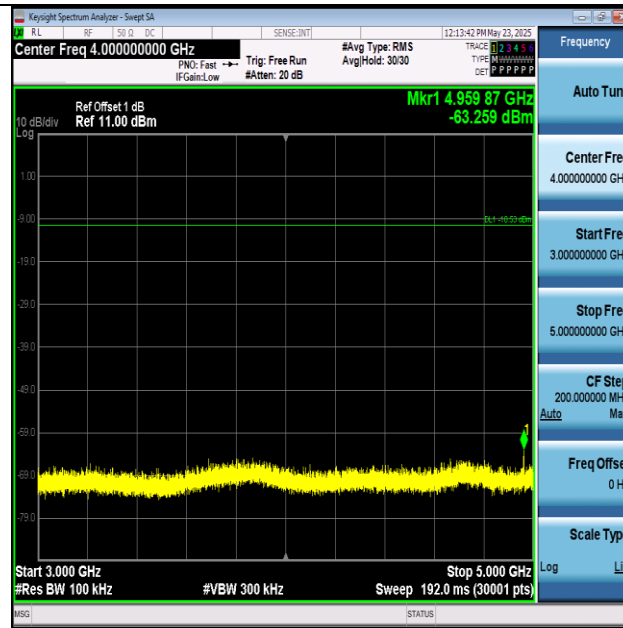
3DH5-Ant1-2441-23000~25000-PASS



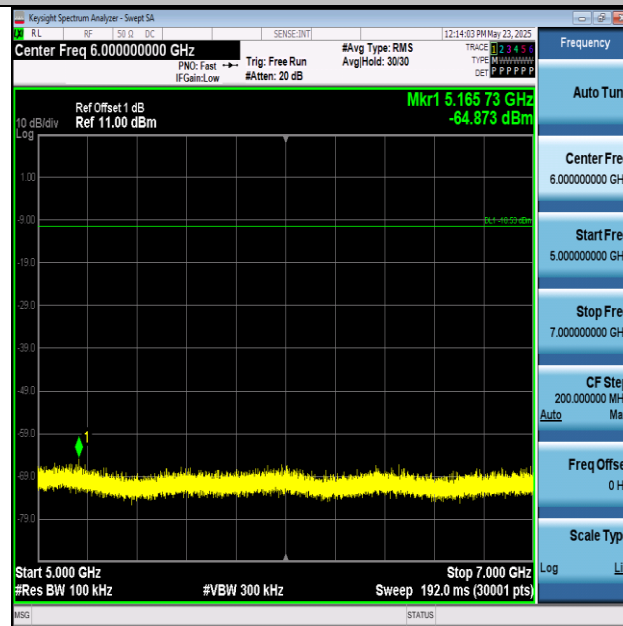
3DH5-Ant1-2480-30~1000-PASS



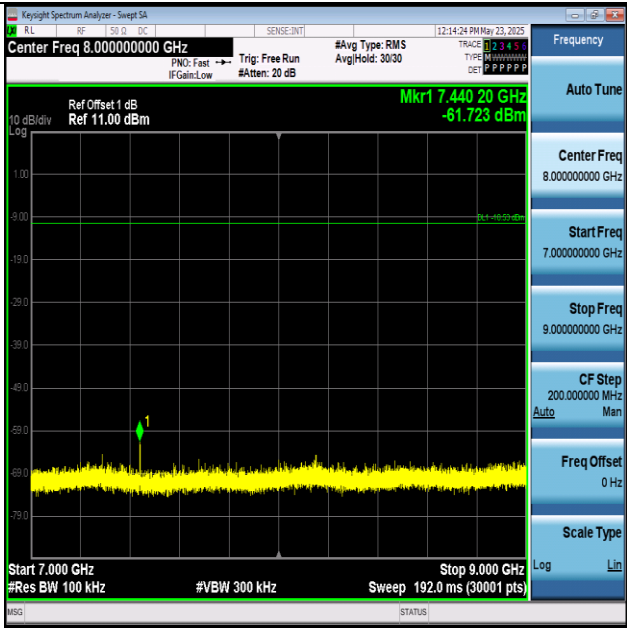
3DH5-Ant1-2480-1000~3000-PASS



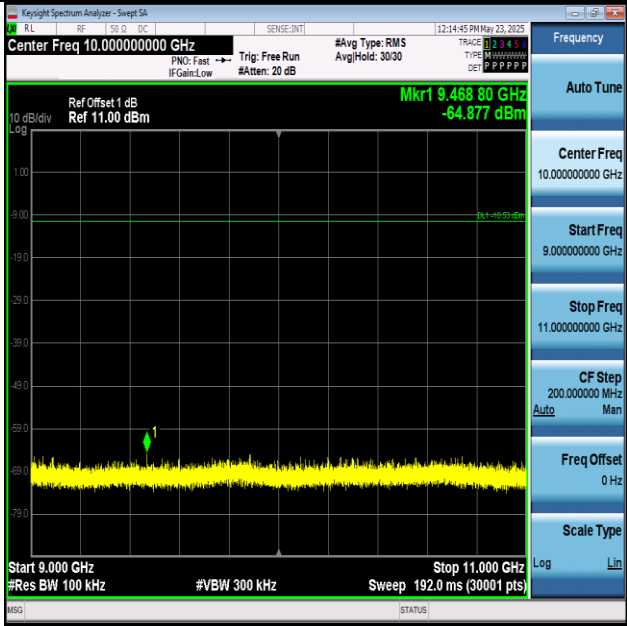
3DH5-Ant1-2480-3000~5000-PASS



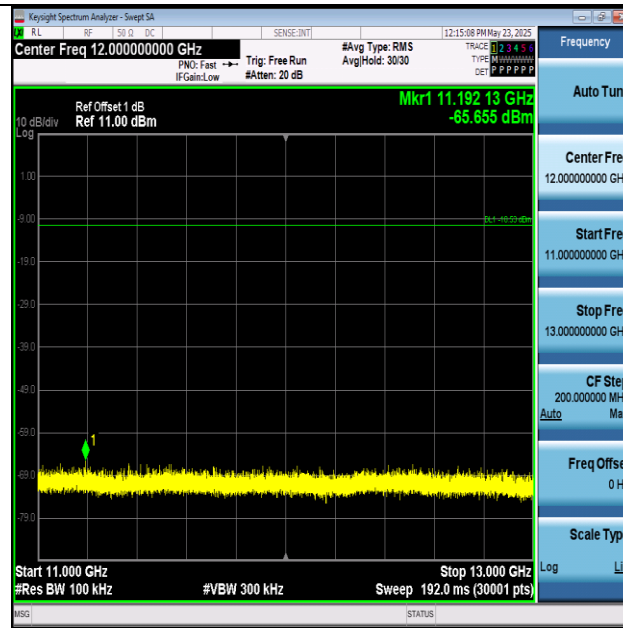
3DH5-Ant1-2480-5000~7000-PASS



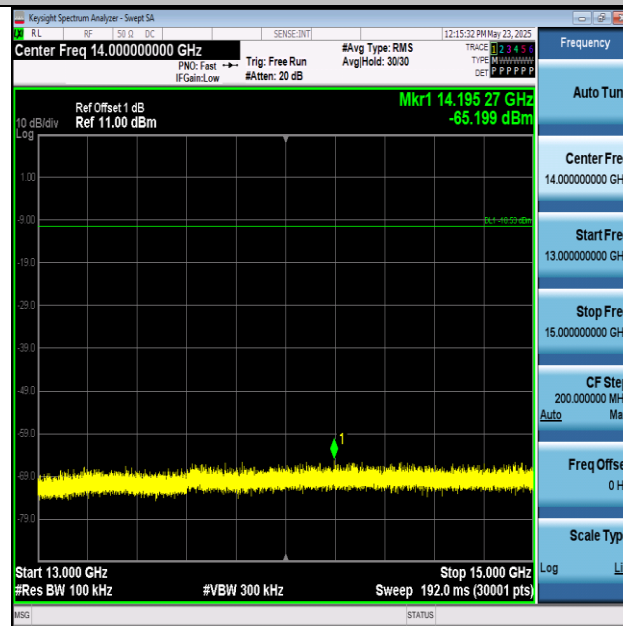
3DH5-Ant1-2480-7000~9000-PASS



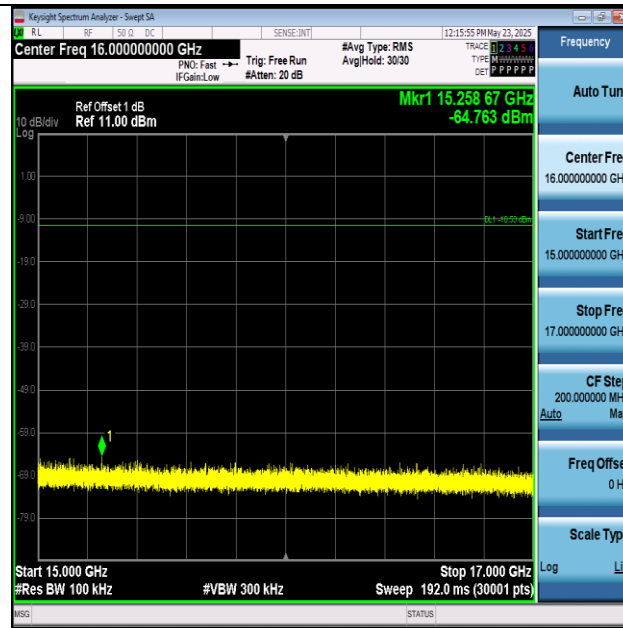
3DH5-Ant1-2480-9000~11000-PASS



3DH5-Ant1-2480-11000~13000-PASS



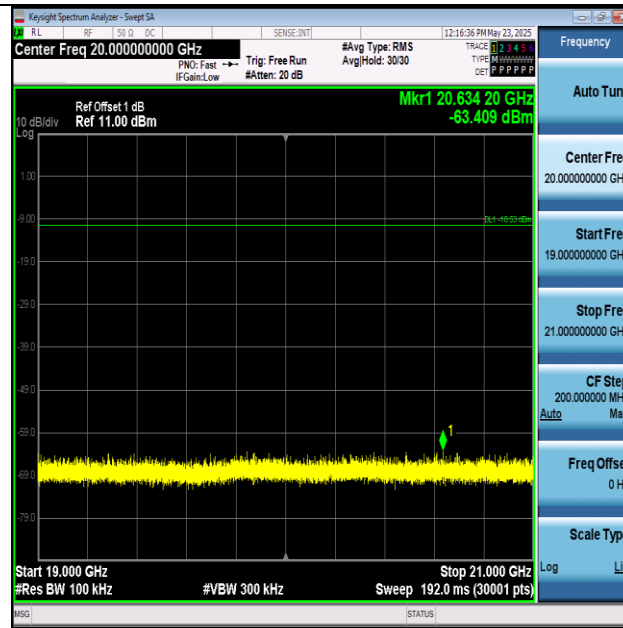
3DH5-Ant1-2480-13000~15000-PASS



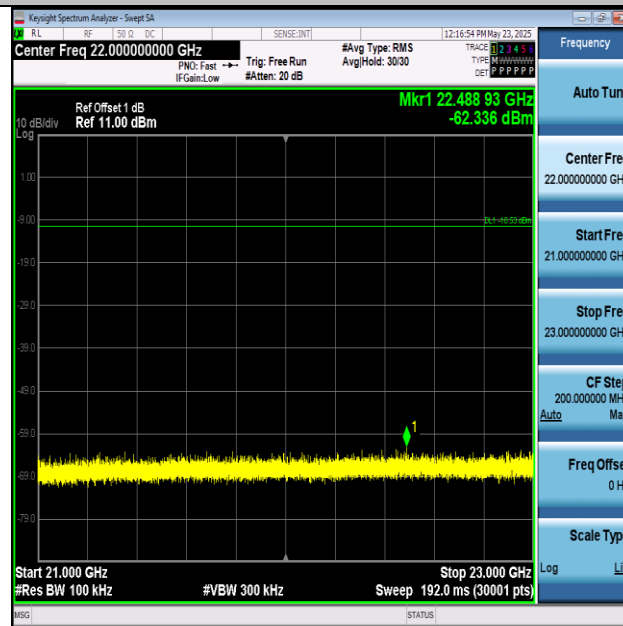
3DH5-Ant1-2480-15000~17000-PASS



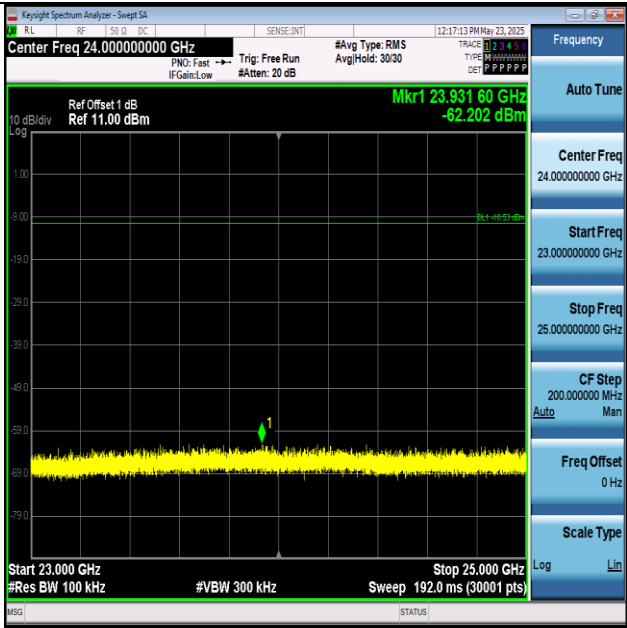
3DH5-Ant1-2480-17000~19000-PASS



3DH5-Ant1-2480-19000~21000-PASS



3DH5-Ant1-2480-21000~23000-PASS

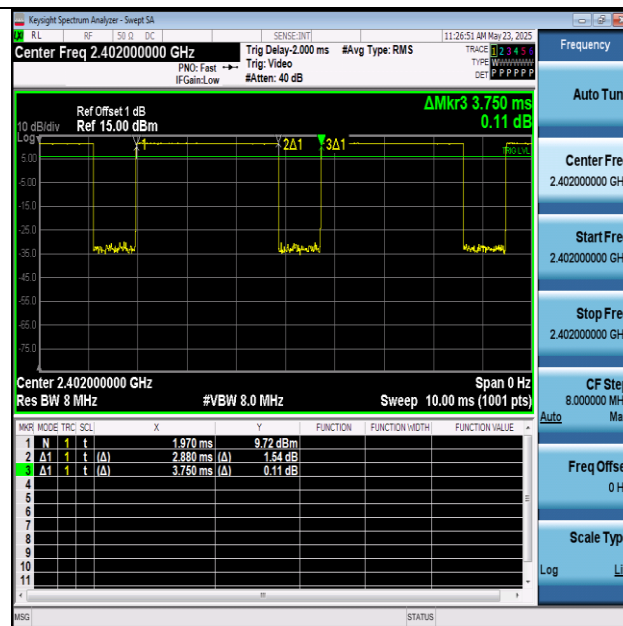


3DH5-Ant1-2480-23000~25000-PASS

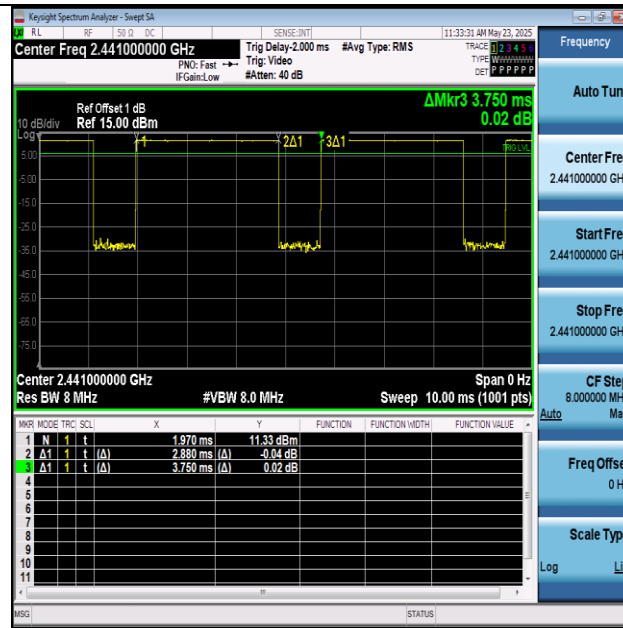
Appendix I: Duty Cycle

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	2402	2.88	3.75	76.80	1.15
DH5	2441	2.88	3.75	76.80	1.15
DH5	2480	2.88	3.75	76.80	1.15
2DH5	2402	2.88	3.75	76.80	1.15
2DH5	2441	2.88	3.75	76.80	1.15
2DH5	2480	2.88	3.75	76.80	1.15
3DH5	2402	2.88	3.75	76.80	1.15
3DH5	2441	2.88	3.75	76.80	1.15
3DH5	2480	2.88	3.75	76.80	1.15

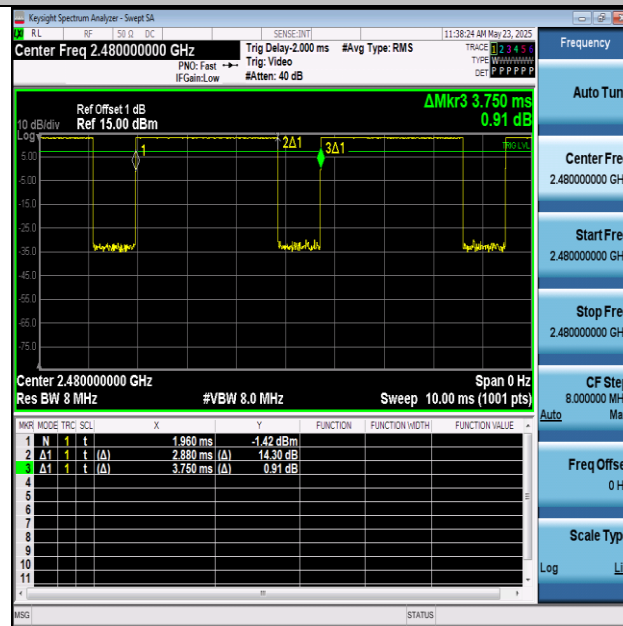
Test Graphs



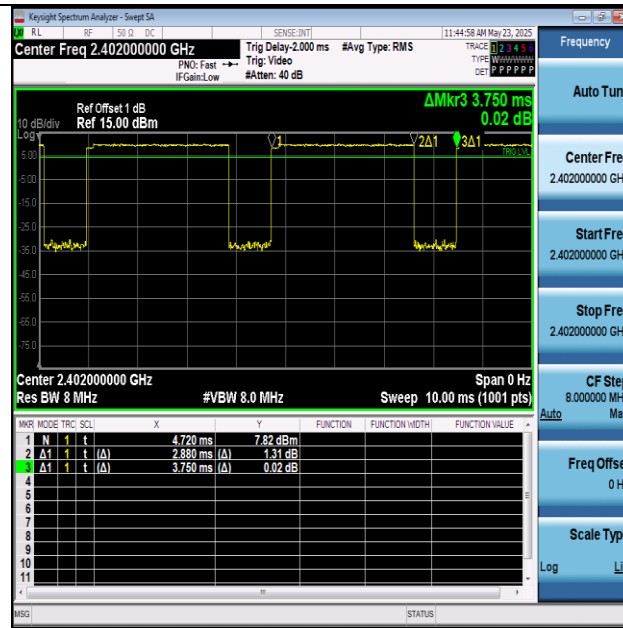
NTNV-DH5-Ant1-2402



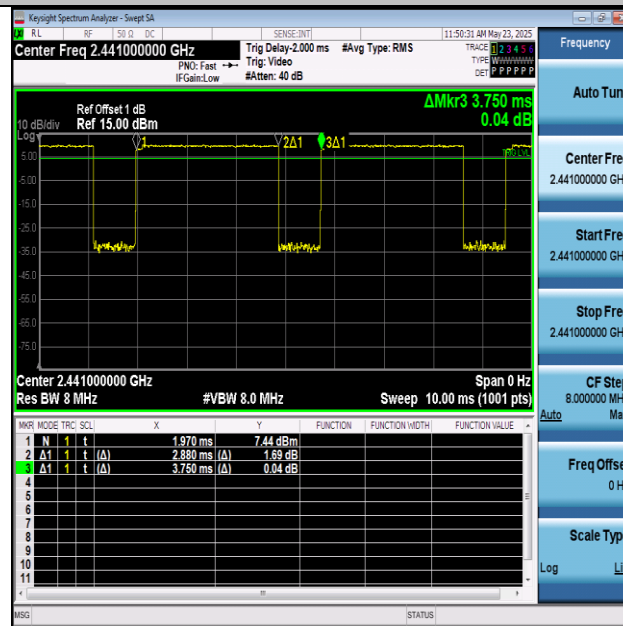
NTNV-DH5-Ant1-2441



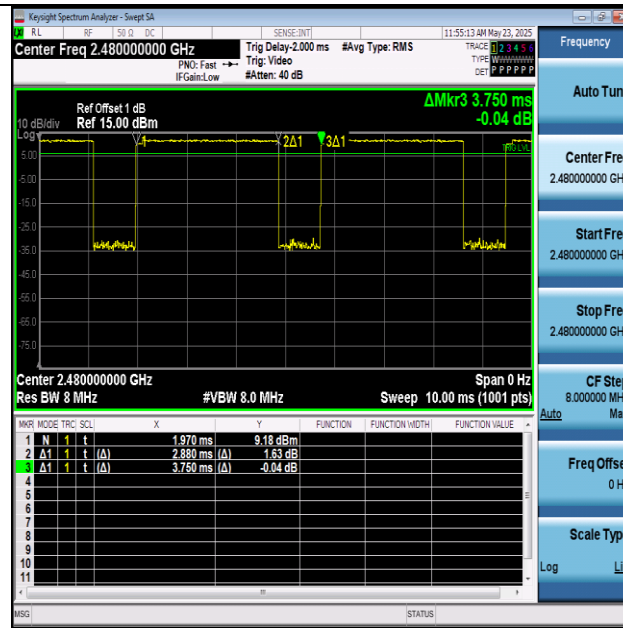
NTNV-DH5-Ant1-2480



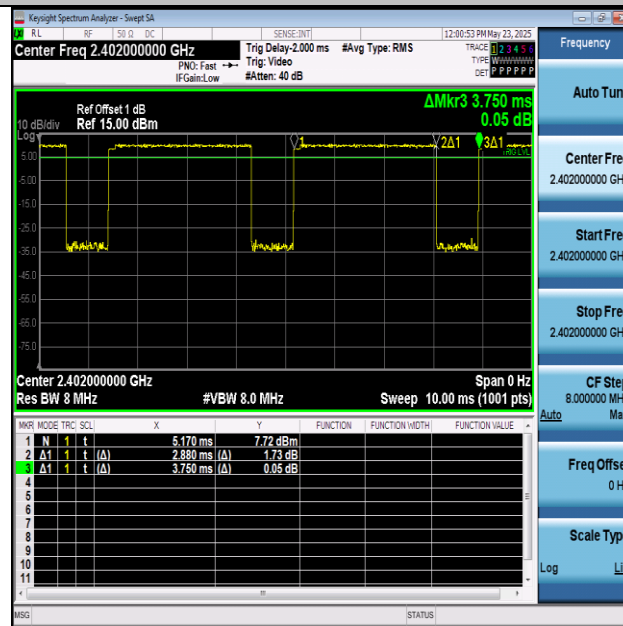
NTNV-2DH5-Ant1-2402



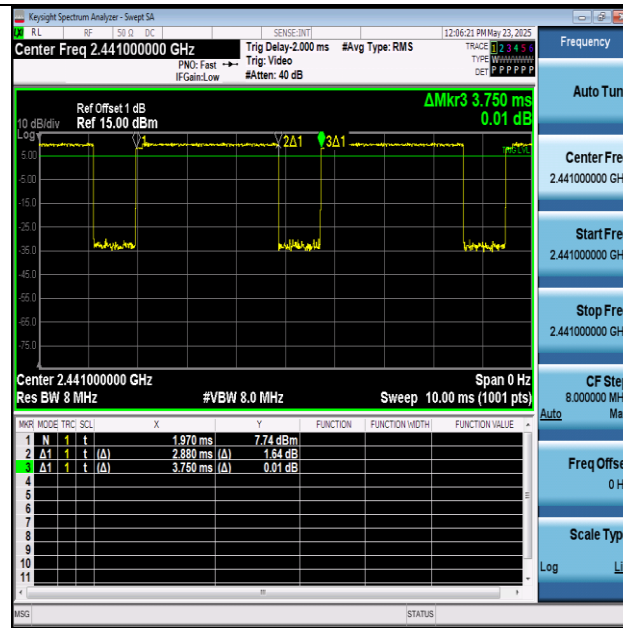
NTNV-2DH5-Ant1-2441



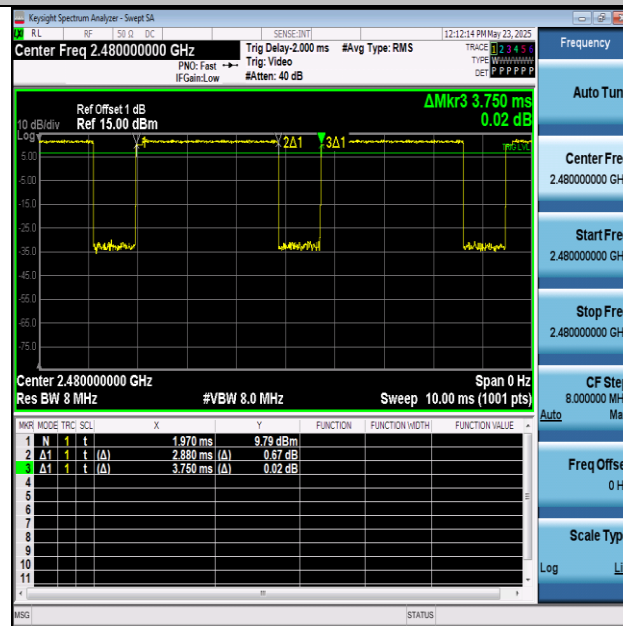
NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

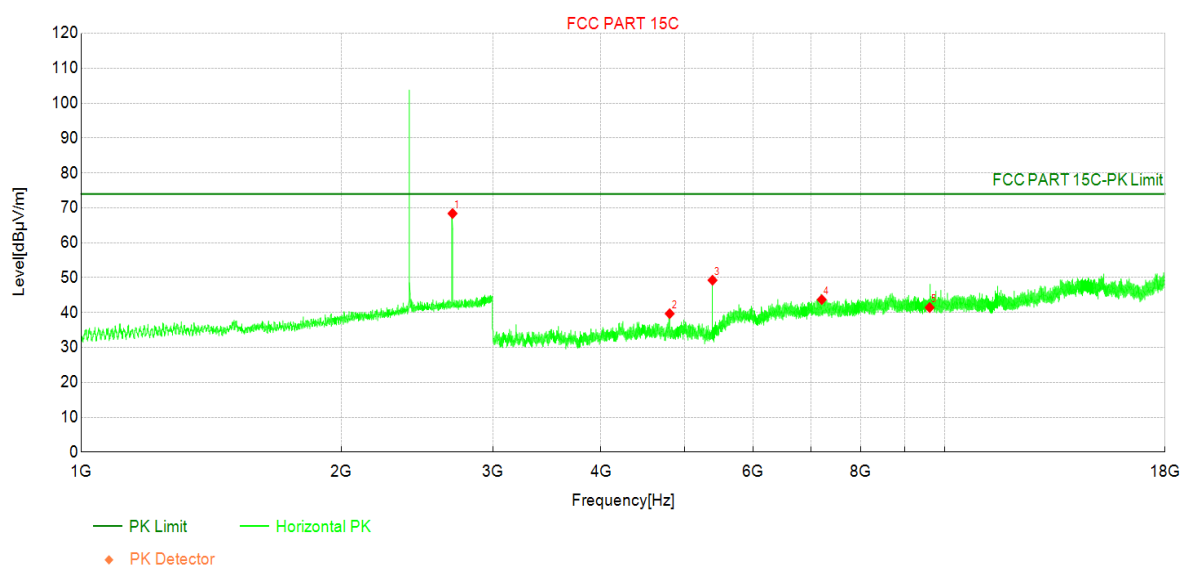
Appendix J: Emissions in Restricted Bands

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2402MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25℃ ; Humi:60%	Enginee	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

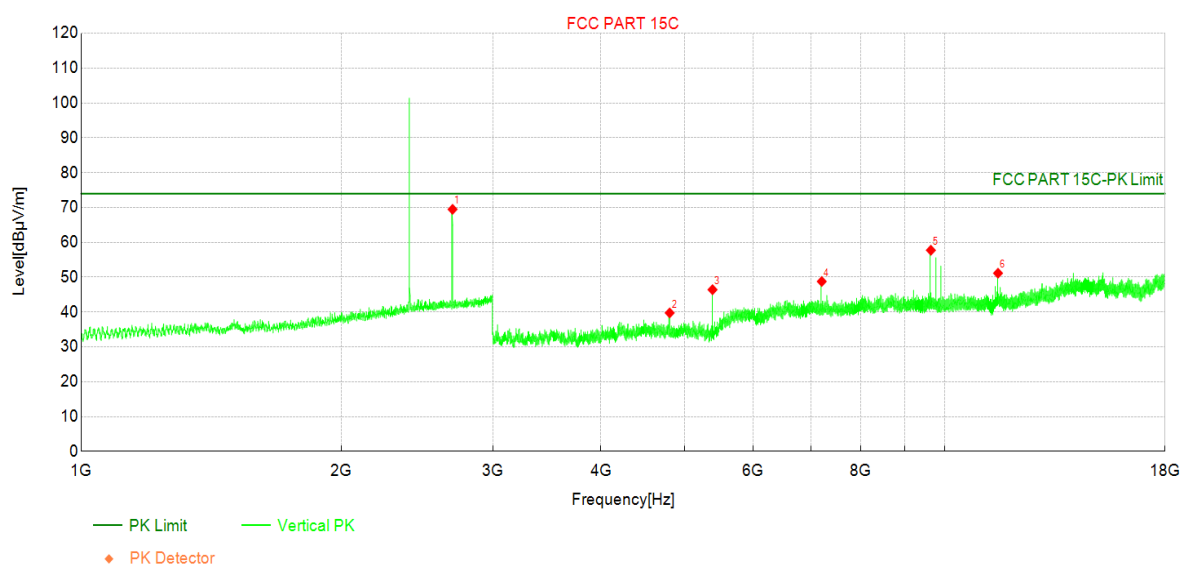
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.45	68.38	4.93	74.00	5.62	PK	Horizo	PASS
	2692.50	-	43.59	-	54.00	10.41	AV	Horizo	PASS
2	4804.00	45.72	39.69	-6.03	74.00	34.31	PK	Horizo	PASS
	4804.00	-	14.90	-	54.00	39.10	AV	Horizo	PASS
3	5385.00	52.93	49.26	-3.67	74.00	24.74	PK	Horizo	PASS
	5385.00	-	24.47	-	54.00	29.53	AV	Horizo	PASS
4	7206.00	40.74	43.71	2.97	74.00	30.29	PK	Horizo	PASS
	7206.00	-	18.92	-	54.00	35.08	AV	Horizo	PASS
5	9608.00	35.50	41.44	5.94	74.00	32.56	PK	Horizo	PASS
	9608.00	-	16.65	-	54.00	37.35	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2402MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

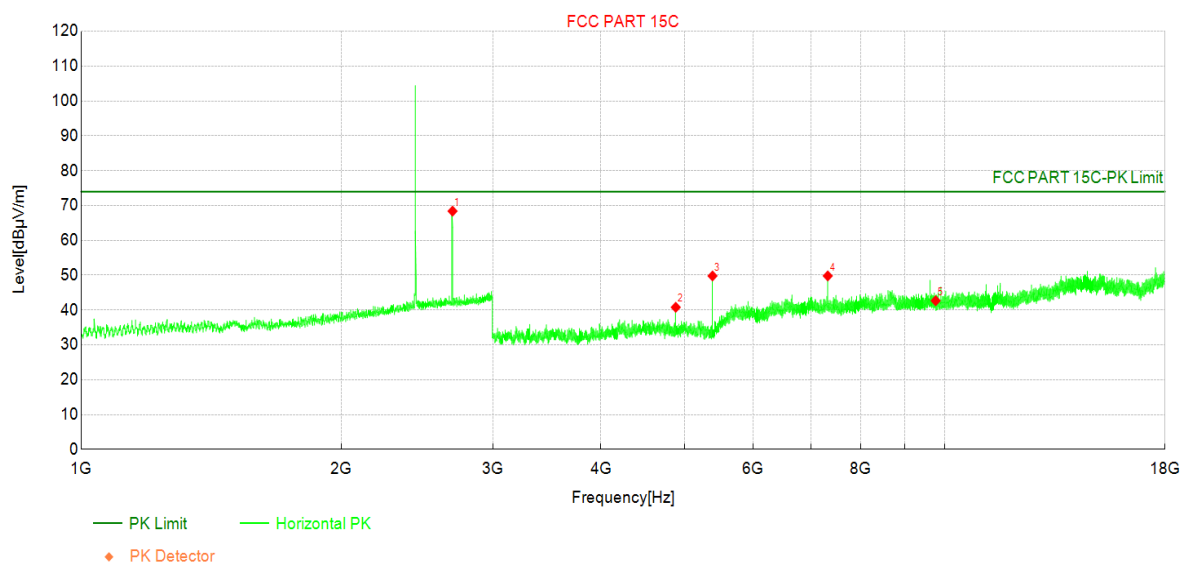
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.54	69.47	4.93	74.00	4.53	PK	Vertic	PASS
	2692.50	-	44.68	-	54.00	9.32	AV	Vertic	PASS
2	4804.00	45.77	39.74	-6.03	74.00	34.26	PK	Vertic	PASS
	4804.00	-	14.95	-	54.00	39.05	AV	Vertic	PASS
3	5385.00	50.08	46.41	-3.67	74.00	27.59	PK	Vertic	PASS
	5385.00	-	21.62	-	54.00	32.38	AV	Vertic	PASS
4	7206.00	45.79	48.76	2.97	74.00	25.24	PK	Vertic	PASS
	7206.00	-	23.97	-	54.00	30.03	AV	Vertic	PASS
5	9640.00	51.67	57.73	6.06	74.00	16.27	PK	Vertic	PASS
	9640.00	-	32.94	-	54.00	21.06	AV	Vertic	PASS
6	11530.00	42.50	51.14	8.64	74.00	22.86	PK	Vertic	PASS
	11530.00	-	26.35	-	54.00	27.65	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2441MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

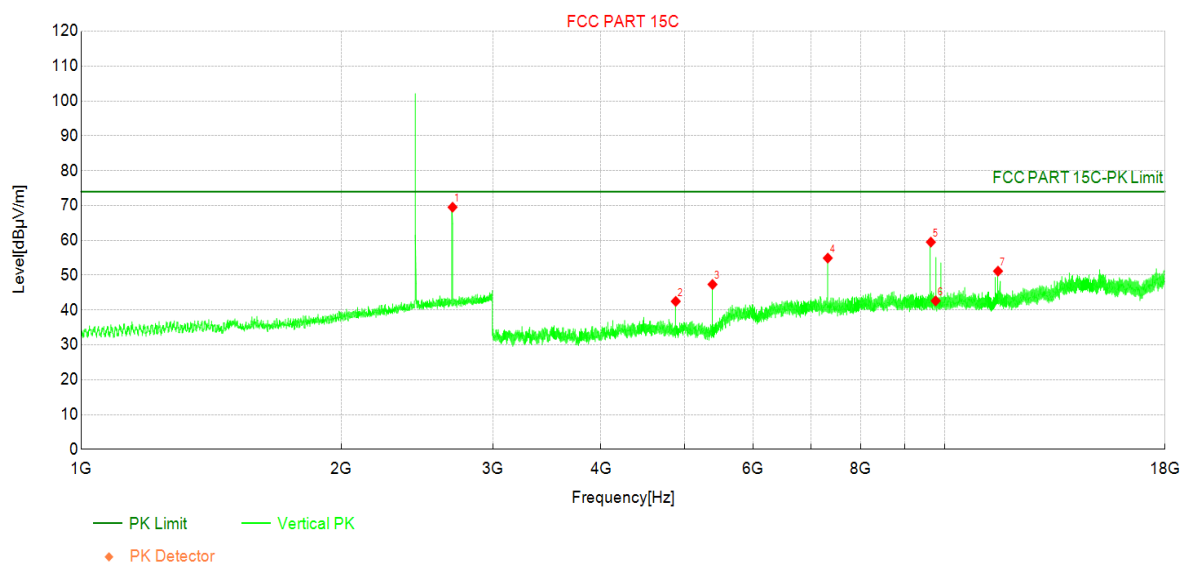
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.45	68.38	4.93	74.00	5.62	PK	Horizo	PASS
	2692.50	-	43.59	-	54.00	10.41	AV	Horizo	PASS
2	4882.00	46.86	40.78	-6.08	74.00	33.22	PK	Horizo	PASS
	4882.00	-	15.99	-	54.00	38.01	AV	Horizo	PASS
3	5385.00	53.45	49.78	-3.67	74.00	24.22	PK	Horizo	PASS
	5385.00	-	24.99	-	54.00	29.01	AV	Horizo	PASS
4	7323.00	47.01	49.79	2.78	74.00	24.21	PK	Horizo	PASS
	7323.00	-	25.00	-	54.00	29.00	AV	Horizo	PASS
5	9764.00	36.55	42.67	6.12	74.00	31.33	PK	Horizo	PASS
	9764.00	-	17.88	-	54.00	36.12	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2441MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

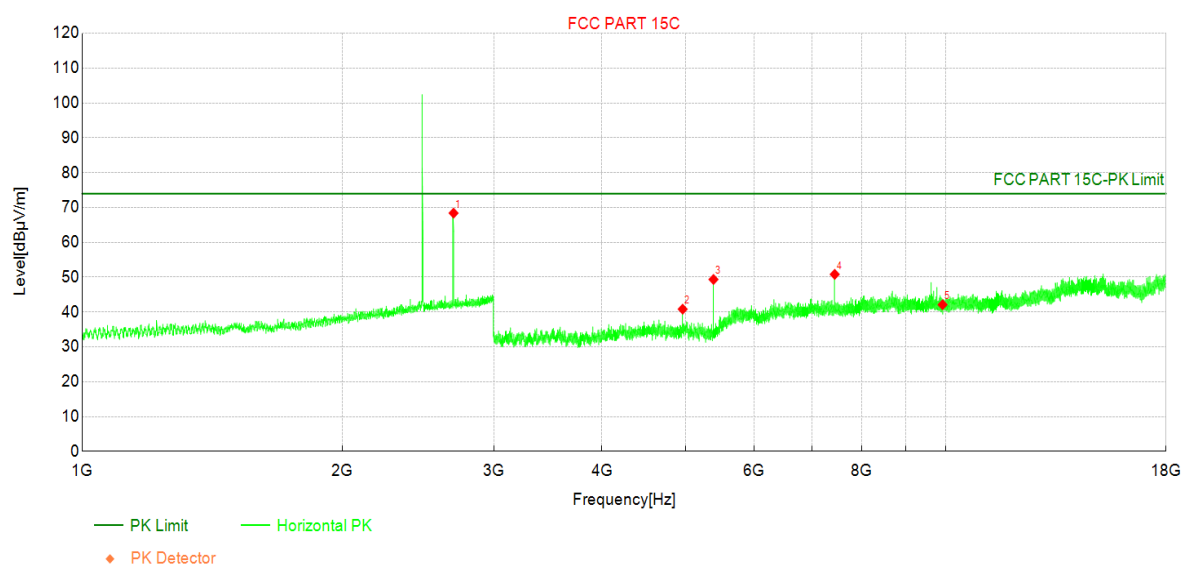
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.57	69.50	4.93	74.00	4.50	PK	Vertic	PASS
	2692.50	-	44.71	-	54.00	9.29	AV	Vertic	PASS
2	4882.00	48.56	42.48	-6.08	74.00	31.52	PK	Vertic	PASS
	4882.00	-	17.69	-	54.00	36.31	AV	Vertic	PASS
3	5385.00	51.01	47.34	-3.67	74.00	26.66	PK	Vertic	PASS
	5385.00	-	22.55	-	54.00	31.45	AV	Vertic	PASS
4	7323.00	52.13	54.91	2.78	74.00	19.09	PK	Vertic	PASS
	7323.00	-	30.12	-	54.00	23.88	AV	Vertic	PASS
5	9640.00	53.43	59.49	6.06	74.00	14.51	PK	Vertic	PASS
	9640.00	-	34.70	-	54.00	19.30	AV	Vertic	PASS
6	9764.00	36.51	42.63	6.12	74.00	31.37	PK	Vertic	PASS
	9764.00	-	17.84	-	54.00	36.16	AV	Vertic	PASS
7	11530.00	42.52	51.16	8.64	74.00	22.84	PK	Vertic	PASS
	11530.00	-	26.37	-	54.00	27.63	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2480MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

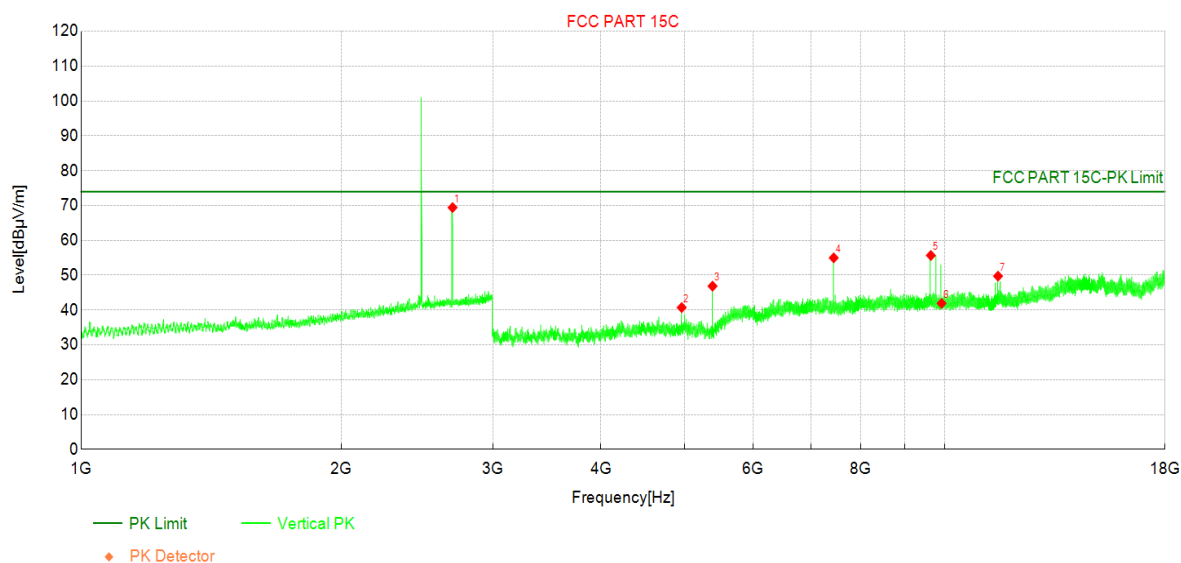
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.46	68.39	4.93	74.00	5.61	PK	Horizo	PASS
	2692.50	-	43.60	-	54.00	10.40	AV	Horizo	PASS
2	4960.00	46.09	40.82	-5.27	74.00	33.18	PK	Horizo	PASS
	4960.00	-	16.03	-	54.00	37.97	AV	Horizo	PASS
3	5385.00	53.02	49.35	-3.67	74.00	24.65	PK	Horizo	PASS
	5385.00	-	24.56	-	54.00	29.44	AV	Horizo	PASS
4	7440.00	48.25	50.81	2.56	74.00	23.19	PK	Horizo	PASS
	7440.00	-	26.02	-	54.00	27.98	AV	Horizo	PASS
5	9920.00	36.49	42.11	5.62	74.00	31.89	PK	Horizo	PASS
	9920.00	-	17.32	-	54.00	36.68	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode1:Transmit at 2480MHz by DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

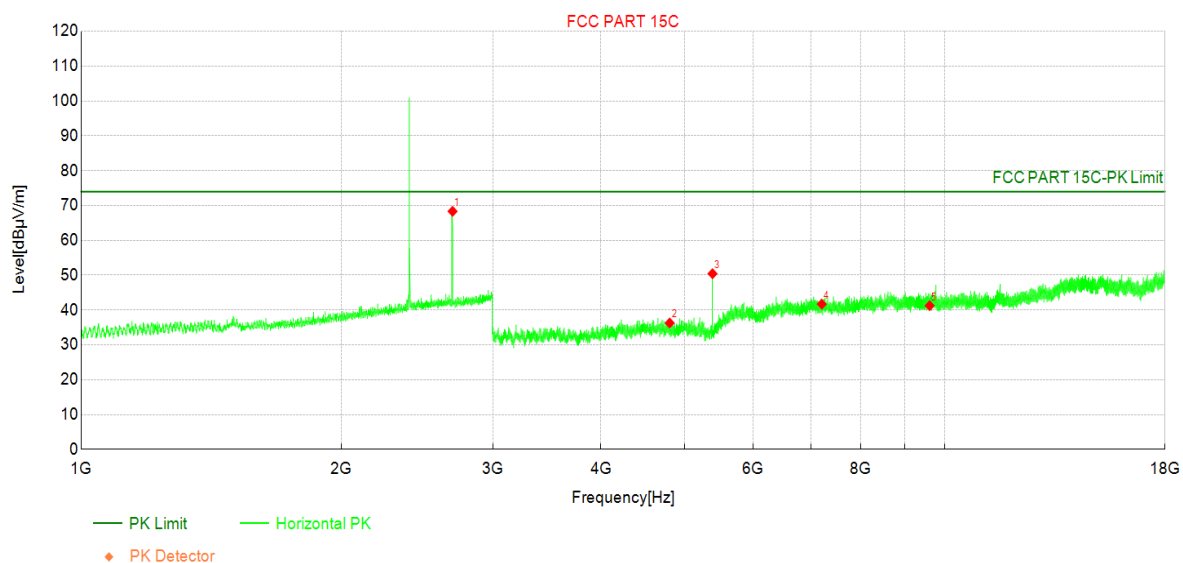
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.48	69.41	4.93	74.00	4.59	PK	Vertic	PASS
	2692.50	-	44.62	-	54.00	9.38	AV	Vertic	PASS
2	4960.00	45.98	40.71	-5.27	74.00	33.29	PK	Vertic	PASS
	4960.00	-	15.92	-	54.00	38.08	AV	Vertic	PASS
3	5385.00	50.52	46.85	-3.67	74.00	27.15	PK	Vertic	PASS
	5385.00	-	22.06	-	54.00	31.94	AV	Vertic	PASS
4	7440.00	52.41	54.97	2.56	74.00	19.03	PK	Vertic	PASS
	7440.00	-	30.18	-	54.00	23.82	AV	Vertic	PASS
5	9640.00	49.60	55.66	6.06	74.00	18.34	PK	Vertic	PASS
	9640.00	-	30.87	-	54.00	23.13	AV	Vertic	PASS
6	9920.00	36.29	41.91	5.62	74.00	32.09	PK	Vertic	PASS
	9920.00	-	17.12	-	54.00	36.88	AV	Vertic	PASS
7	11530.00	41.09	49.73	8.64	74.00	24.27	PK	Vertic	PASS
	11530.00	-	24.94	-	54.00	29.06	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2402MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

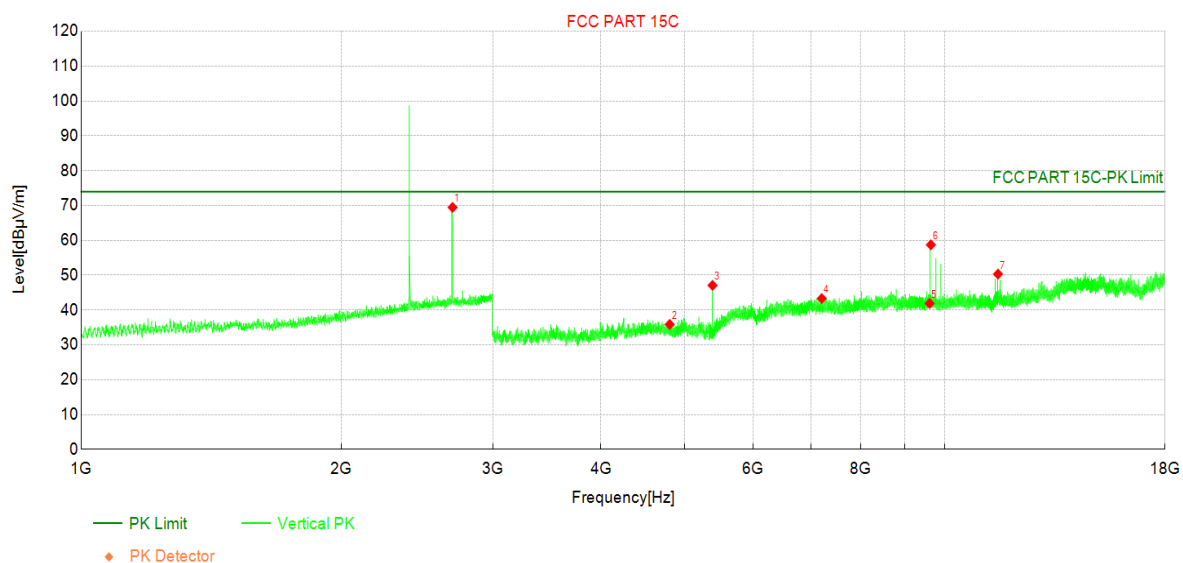
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.40	68.33	4.93	74.00	5.67	PK	Horizo	PASS
	2692.50	-	43.54	-	54.00	10.46	AV	Horizo	PASS
2	4804.00	42.30	36.27	-6.03	74.00	37.73	PK	Horizo	PASS
	4804.00	-	11.48	-	54.00	42.52	AV	Horizo	PASS
3	5385.00	54.09	50.42	-3.67	74.00	23.58	PK	Horizo	PASS
	5385.00	-	25.63	-	54.00	28.37	AV	Horizo	PASS
4	7206.00	38.73	41.70	2.97	74.00	32.30	PK	Horizo	PASS
	7206.00	-	16.91	-	54.00	37.09	AV	Horizo	PASS
5	9608.00	35.30	41.24	5.94	74.00	32.76	PK	Horizo	PASS
	9608.00	-	16.45	-	54.00	37.55	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2402MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

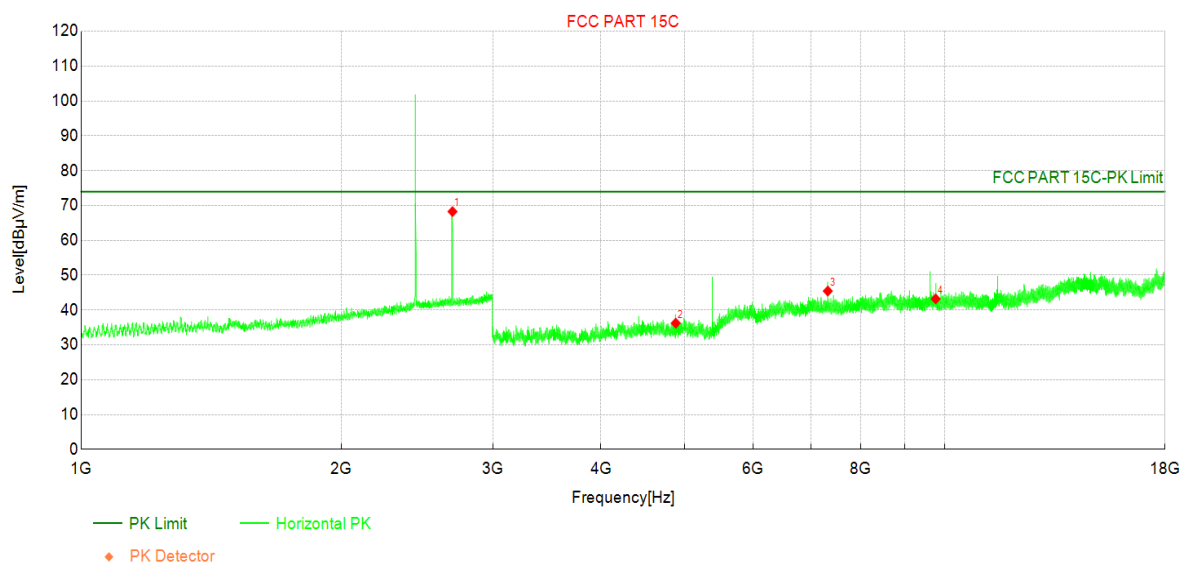
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.53	69.46	4.93	74.00	4.54	PK	Vertic	PASS
	2692.50	-	44.67	-	54.00	9.33	AV	Vertic	PASS
2	4804.00	41.89	35.86	-6.03	74.00	38.14	PK	Vertic	PASS
	4804.00	-	11.07	-	54.00	42.93	AV	Vertic	PASS
3	5385.00	50.74	47.07	-3.67	74.00	26.93	PK	Vertic	PASS
	5385.00	-	22.28	-	54.00	31.72	AV	Vertic	PASS
4	7206.00	40.33	43.30	2.97	74.00	30.70	PK	Vertic	PASS
	7206.00	-	18.51	-	54.00	35.49	AV	Vertic	PASS
5	9608.00	35.94	41.88	5.94	74.00	32.12	PK	Vertic	PASS
	9608.00	-	17.09	-	54.00	36.91	AV	Vertic	PASS
6	9640.00	52.65	58.71	6.06	74.00	15.29	PK	Vertic	PASS
	9640.00	-	33.92	-	54.00	20.08	AV	Vertic	PASS
7	11529.50	41.68	50.31	8.63	74.00	23.69	PK	Vertic	PASS
	11529.50	-	25.52	-	54.00	28.48	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2441MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

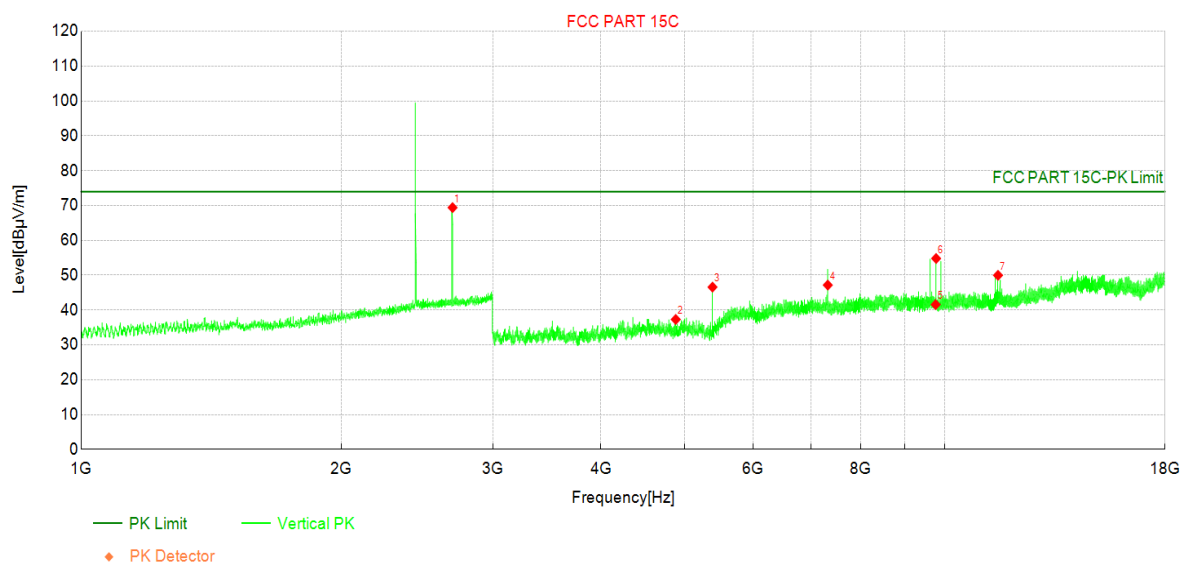
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.00	63.33	68.26	4.93	74.00	5.74	PK	Horizo	PASS
	2692.00	-	43.47	-	54.00	10.53	AV	Horizo	PASS
2	4882.00	42.30	36.22	-6.08	74.00	37.78	PK	Horizo	PASS
	4882.00	-	11.43	-	54.00	42.57	AV	Horizo	PASS
3	7323.00	42.66	45.44	2.78	74.00	28.56	PK	Horizo	PASS
	7323.00	-	20.65	-	54.00	33.35	AV	Horizo	PASS
4	9764.00	37.08	43.20	6.12	74.00	30.80	PK	Horizo	PASS
	9764.00	-	18.41	-	54.00	35.59	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2441MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

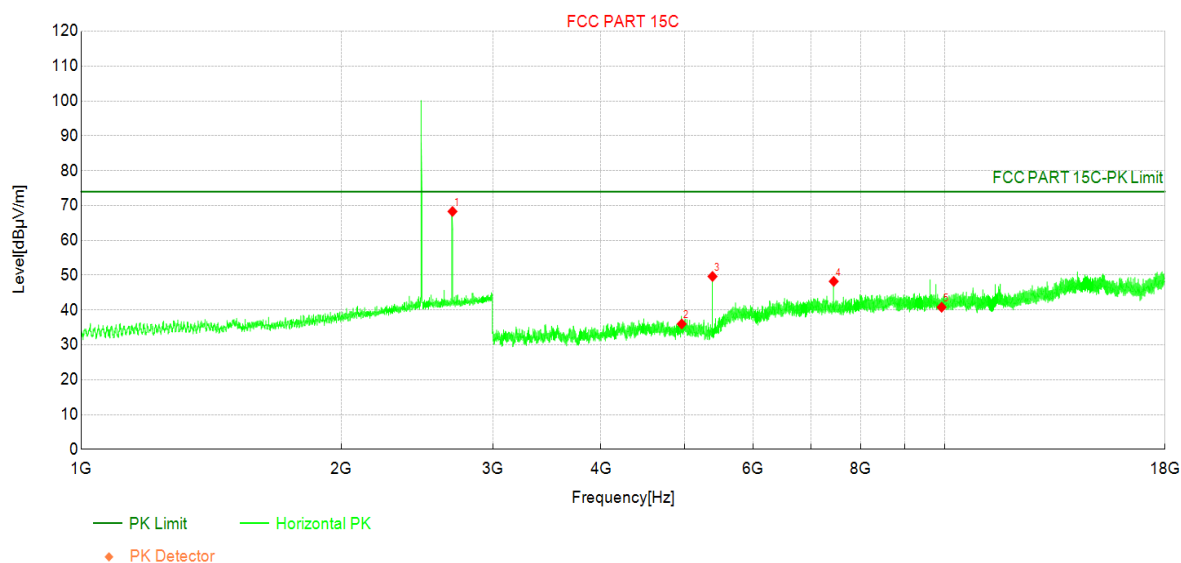
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.47	69.40	4.93	74.00	4.60	PK	Vertic	PASS
	2692.50	-	44.61	-	54.00	9.39	AV	Vertic	PASS
2	4882.00	43.37	37.29	-6.08	74.00	36.71	PK	Vertic	PASS
	4882.00	-	12.50	-	54.00	41.50	AV	Vertic	PASS
3	5385.00	50.24	46.57	-3.67	74.00	27.43	PK	Vertic	PASS
	5385.00	-	21.78	-	54.00	32.22	AV	Vertic	PASS
4	7323.00	44.37	47.15	2.78	74.00	26.85	PK	Vertic	PASS
	7323.00	-	22.36	-	54.00	31.64	AV	Vertic	PASS
5	9764.00	35.44	41.56	6.12	74.00	32.44	PK	Vertic	PASS
	9764.00	-	16.77	-	54.00	37.23	AV	Vertic	PASS
6	9776.00	48.70	54.79	6.09	74.00	19.21	PK	Vertic	PASS
	9776.00	-	30.00	-	54.00	24.00	AV	Vertic	PASS
7	11530.00	41.32	49.96	8.64	74.00	24.04	PK	Vertic	PASS
	11530.00	-	25.17	-	54.00	28.83	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2480MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

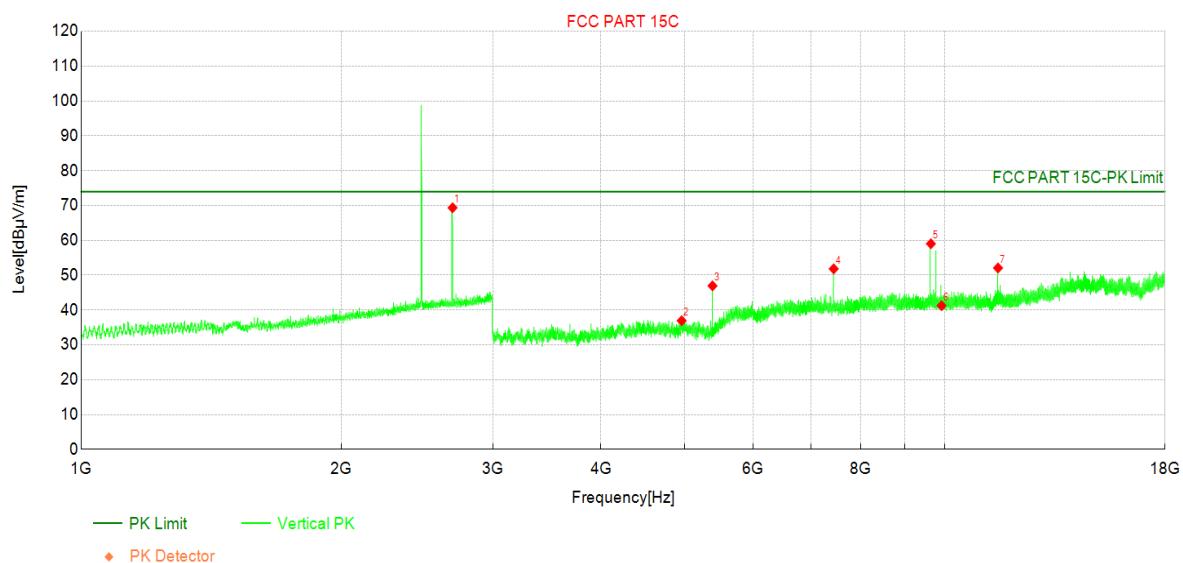
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.00	63.35	68.28	4.93	74.00	5.72	PK	Horizo	PASS
	2692.00	-	43.49	-	54.00	10.51	AV	Horizo	PASS
2	4960.00	41.27	36.00	-5.27	74.00	38.00	PK	Horizo	PASS
	4960.00	-	11.21	-	54.00	42.79	AV	Horizo	PASS
3	5385.00	53.31	49.64	-3.67	74.00	24.36	PK	Horizo	PASS
	5385.00	-	24.85	-	54.00	29.15	AV	Horizo	PASS
4	7440.00	45.65	48.21	2.56	74.00	25.79	PK	Horizo	PASS
	7440.00	-	23.42	-	54.00	30.58	AV	Horizo	PASS
5	9920.00	35.18	40.80	5.62	74.00	33.20	PK	Horizo	PASS
	9920.00	-	16.01	-	54.00	37.99	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode2:Transmit at 2480MHz by 2DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

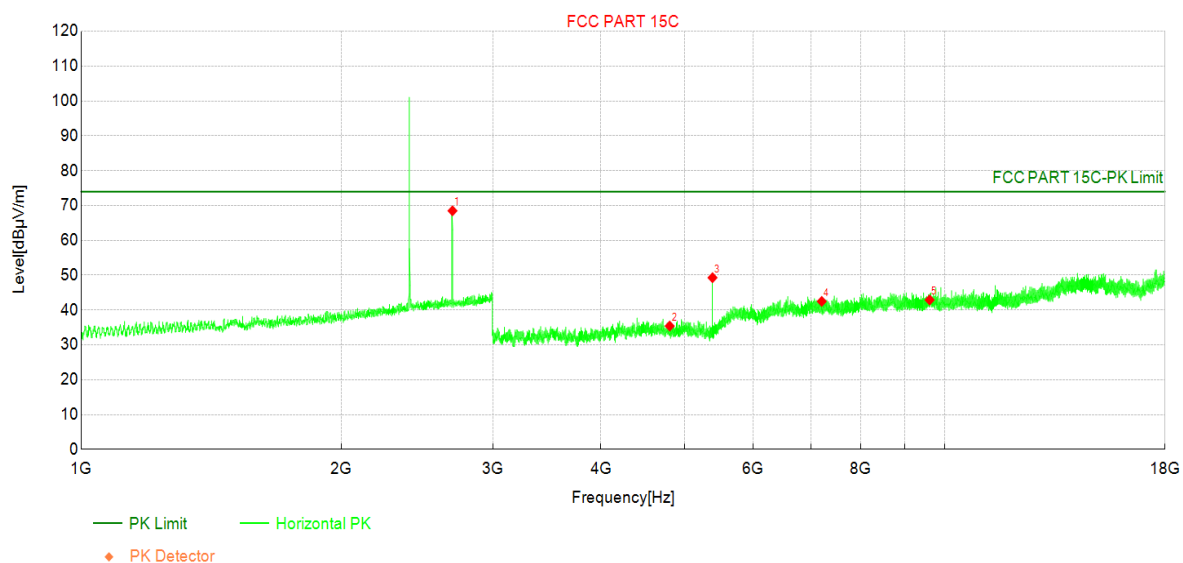
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.42	69.35	4.93	74.00	4.65	PK	Vertic	PASS
	2692.50	-	44.56	-	54.00	9.44	AV	Vertic	PASS
2	4960.00	42.19	36.92	-5.27	74.00	37.08	PK	Vertic	PASS
	4960.00	-	12.13	-	54.00	41.87	AV	Vertic	PASS
3	5385.00	50.60	46.93	-3.67	74.00	27.07	PK	Vertic	PASS
	5385.00	-	22.14	-	54.00	31.86	AV	Vertic	PASS
4	7440.00	49.26	51.82	2.56	74.00	22.18	PK	Vertic	PASS
	7440.00	-	27.03	-	54.00	26.97	AV	Vertic	PASS
5	9640.00	52.96	59.02	6.06	74.00	14.98	PK	Vertic	PASS
	9640.00	-	34.23	-	54.00	19.77	AV	Vertic	PASS
6	9920.00	35.64	41.26	5.62	74.00	32.74	PK	Vertic	PASS
	9920.00	-	16.47	-	54.00	37.53	AV	Vertic	PASS
7	11530.00	43.42	52.06	8.64	74.00	21.94	PK	Vertic	PASS
	11530.00	-	27.27	-	54.00	26.73	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2402MHz by 3DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

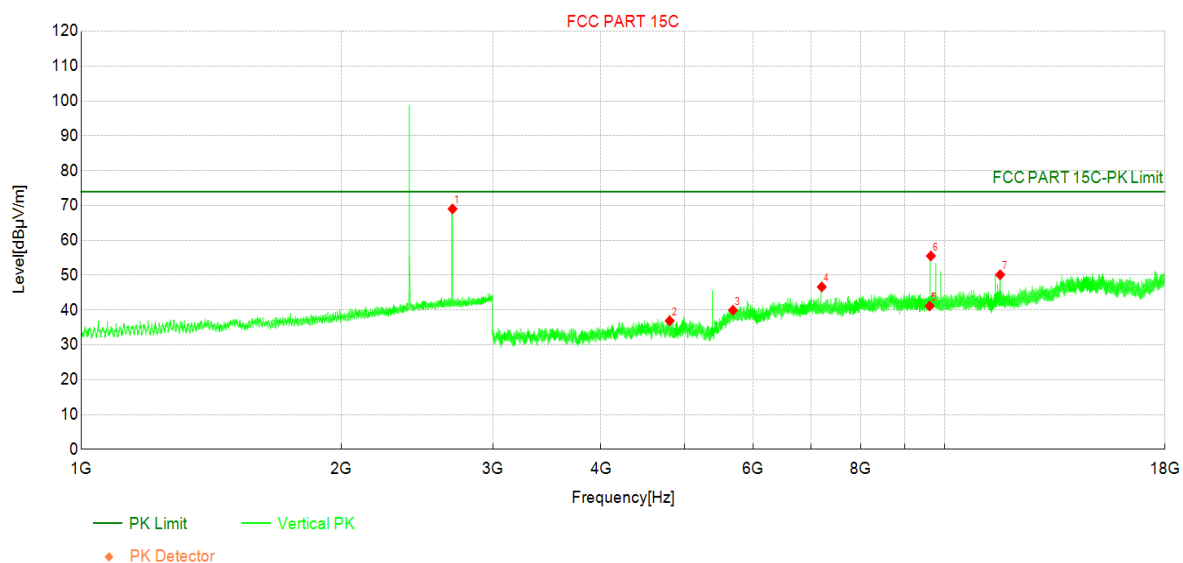
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.00	63.54	68.47	4.93	74.00	5.53	PK	Horizo	PASS
	2692.00	-	43.68	-	54.00	10.32	AV	Horizo	PASS
2	4804.00	41.44	35.41	-6.03	74.00	38.59	PK	Horizo	PASS
	4804.00	-	10.62	-	54.00	43.38	AV	Horizo	PASS
3	5385.00	52.95	49.28	-3.67	74.00	24.72	PK	Horizo	PASS
	5385.00	-	24.49	-	54.00	29.51	AV	Horizo	PASS
4	7206.00	39.51	42.48	2.97	74.00	31.52	PK	Horizo	PASS
	7206.00	-	17.69	-	54.00	36.31	AV	Horizo	PASS
5	9608.00	36.95	42.89	5.94	74.00	31.11	PK	Horizo	PASS
	9608.00	-	18.10	-	54.00	35.90	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2402MHz by 3DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

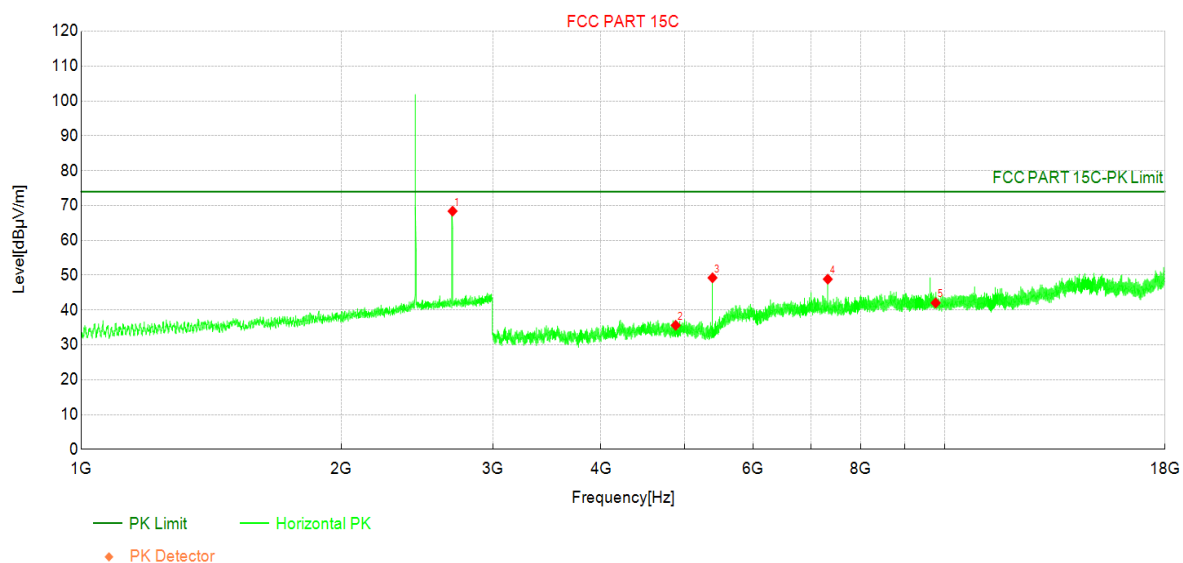
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.09	69.02	4.93	74.00	4.98	PK	Vertic	PASS
	2692.50	-	44.23	-	54.00	9.77	AV	Vertic	PASS
2	4804.00	42.91	36.88	-6.03	74.00	37.12	PK	Vertic	PASS
	4804.00	-	12.09	-	54.00	41.91	AV	Vertic	PASS
3	5687.00	39.57	39.94	0.37	74.00	34.06	PK	Vertic	PASS
	5687.00	-	15.15	-	54.00	38.85	AV	Vertic	PASS
4	7206.00	43.66	46.63	2.97	74.00	27.37	PK	Vertic	PASS
	7206.00	-	21.84	-	54.00	32.16	AV	Vertic	PASS
5	9608.00	35.21	41.15	5.94	74.00	32.85	PK	Vertic	PASS
	9608.00	-	16.36	-	54.00	37.64	AV	Vertic	PASS
6	9640.00	49.46	55.52	6.06	74.00	18.48	PK	Vertic	PASS
	9640.00	-	30.73	-	54.00	23.27	AV	Vertic	PASS
7	11597.50	41.00	50.12	9.12	74.00	23.88	PK	Vertic	PASS
	11597.50	-	25.33	-	54.00	28.67	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2441MHz by 3DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

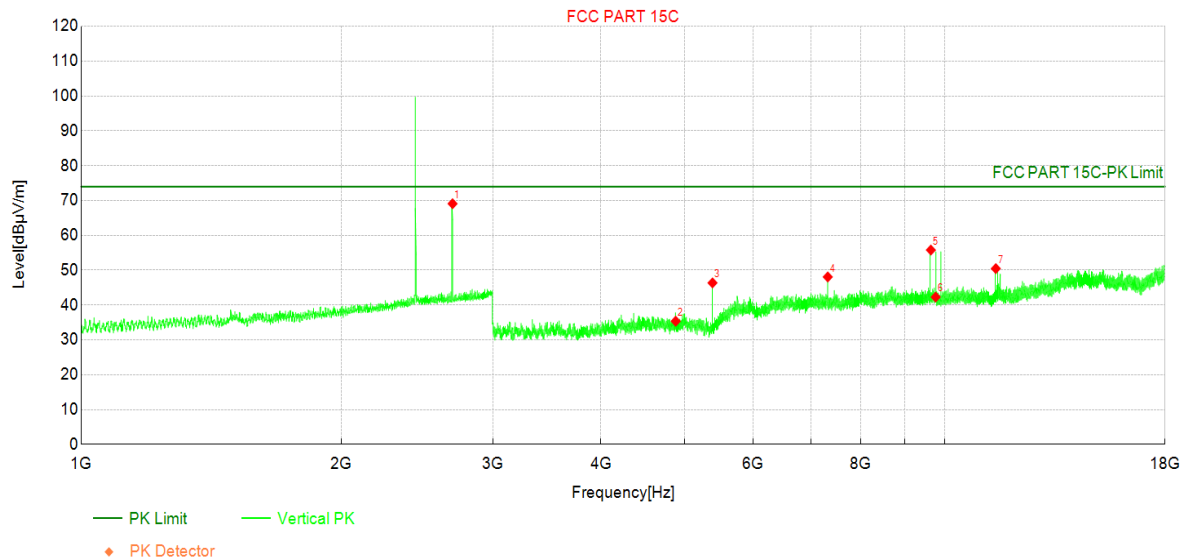
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.44	68.37	4.93	74.00	5.63	PK	Horizo	PASS
	2692.50	-	43.58	-	54.00	10.42	AV	Horizo	PASS
2	4882.00	41.69	35.61	-6.08	74.00	38.39	PK	Horizo	PASS
	4882.00	-	10.82	-	54.00	43.18	AV	Horizo	PASS
3	5385.00	52.92	49.25	-3.67	74.00	24.75	PK	Horizo	PASS
	5385.00	-	24.46	-	54.00	29.54	AV	Horizo	PASS
4	7323.00	46.07	48.85	2.78	74.00	25.15	PK	Horizo	PASS
	7323.00	-	24.06	-	54.00	29.94	AV	Horizo	PASS
5	9764.00	35.92	42.04	6.12	74.00	31.96	PK	Horizo	PASS
	9764.00	-	17.25	-	54.00	36.75	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2441MHz by 3DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

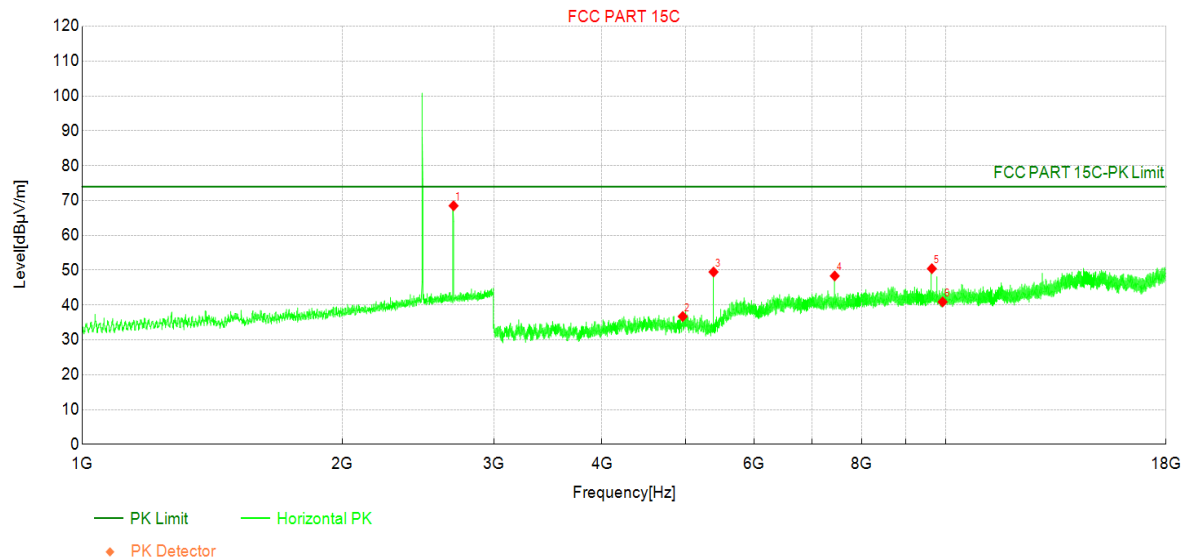
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	64.15	69.08	4.93	74.00	4.92	PK	Vertic	PASS
	2692.50	-	44.29	-	54.00	9.71	AV	Vertic	PASS
2	4882.00	41.44	35.36	-6.08	74.00	38.64	PK	Vertic	PASS
	4882.00	-	10.57	-	54.00	43.43	AV	Vertic	PASS
3	5385.00	50.02	46.35	-3.67	74.00	27.65	PK	Vertic	PASS
	5385.00	-	21.56	-	54.00	32.44	AV	Vertic	PASS
4	7323.00	45.28	48.06	2.78	74.00	25.94	PK	Vertic	PASS
	7323.00	-	23.27	-	54.00	30.73	AV	Vertic	PASS
5	9640.00	49.73	55.79	6.06	74.00	18.21	PK	Vertic	PASS
	9640.00	-	31.00	-	54.00	23.00	AV	Vertic	PASS
6	9764.00	36.16	42.28	6.12	74.00	31.72	PK	Vertic	PASS
	9764.00	-	17.49	-	54.00	36.51	AV	Vertic	PASS
7	11462.00	42.28	50.46	8.18	74.00	23.54	PK	Vertic	PASS
	11462.00	-	25.67	-	54.00	28.33	AV	Vertic	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2480MHz by 3DH5	Voltage:	120 Vac / 60 Hz
Environment:	Temp: 25°C ; Humi:60%	Engineer	Reyn Chen
Test Standard:	FCC PART 15C		

Test Graph



Suspected Data List

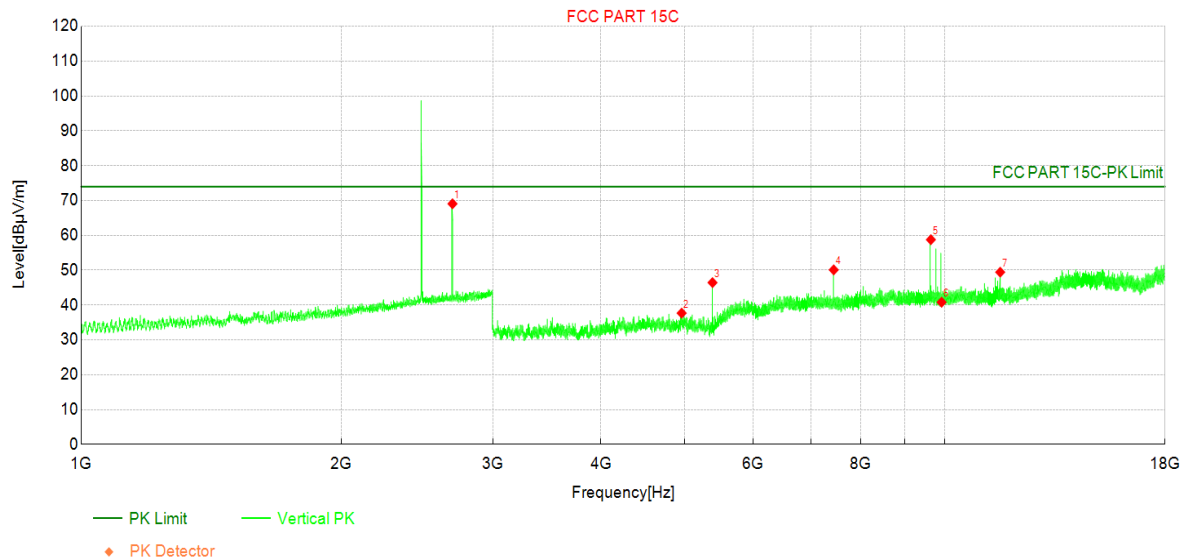
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2692.50	63.55	68.48	4.93	74.00	5.52	PK	Horizo	PASS
	2692.50	-	43.69	-	54.00	10.31	AV	Horizo	PASS
2	4960.00	41.98	36.71	-5.27	74.00	37.29	PK	Horizo	PASS
	4960.00	-	11.92	-	54.00	42.08	AV	Horizo	PASS
3	5385.00	53.16	49.49	-3.67	74.00	24.51	PK	Horizo	PASS
	5385.00	-	24.70	-	54.00	29.30	AV	Horizo	PASS
4	7440.00	45.78	48.34	2.56	74.00	25.66	PK	Horizo	PASS
	7440.00	-	23.55	-	54.00	30.45	AV	Horizo	PASS
5	9640.00	44.38	50.44	6.06	74.00	23.56	PK	Horizo	PASS
	9640.00	-	25.65	-	54.00	28.35	AV	Horizo	PASS
6	9920.00	35.28	40.90	5.62	74.00	33.10	PK	Horizo	PASS
	9920.00	-	16.11	-	54.00	37.89	AV	Horizo	PASS

Test Report

Project Information

Profile:	2530770R	EUT:	Smart Controller
Mode:	Mode3:Transmit at 2480MHz by 3DH5	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	2692.00	64.12	69.05	4.93	74.00	4.95	PK	Vertic	PASS
	2692.00	-	44.26	-	54.00	9.74	AV	Vertic	PASS
2	4960.00	42.94	37.67	-5.27	74.00	36.33	PK	Vertic	PASS
	4960.00	-	12.88	-	54.00	41.12	AV	Vertic	PASS
3	5385.00	50.10	46.43	-3.67	74.00	27.57	PK	Vertic	PASS
	5385.00	-	21.64	-	54.00	32.36	AV	Vertic	PASS
4	7440.00	47.53	50.09	2.56	74.00	23.91	PK	Vertic	PASS
	7440.00	-	25.30	-	54.00	28.70	AV	Vertic	PASS
5	9640.00	52.69	58.75	6.06	74.00	15.25	PK	Vertic	PASS
	9640.00	-	33.96	-	54.00	20.04	AV	Vertic	PASS
6	9920.00	35.18	40.80	5.62	74.00	33.20	PK	Vertic	PASS
	9920.00	-	16.01	-	54.00	37.99	AV	Vertic	PASS
7	11598.00	40.30	49.43	9.13	74.00	24.57	PK	Vertic	PASS
	11598.00	-	24.64	-	54.00	29.36	AV	Vertic	PASS

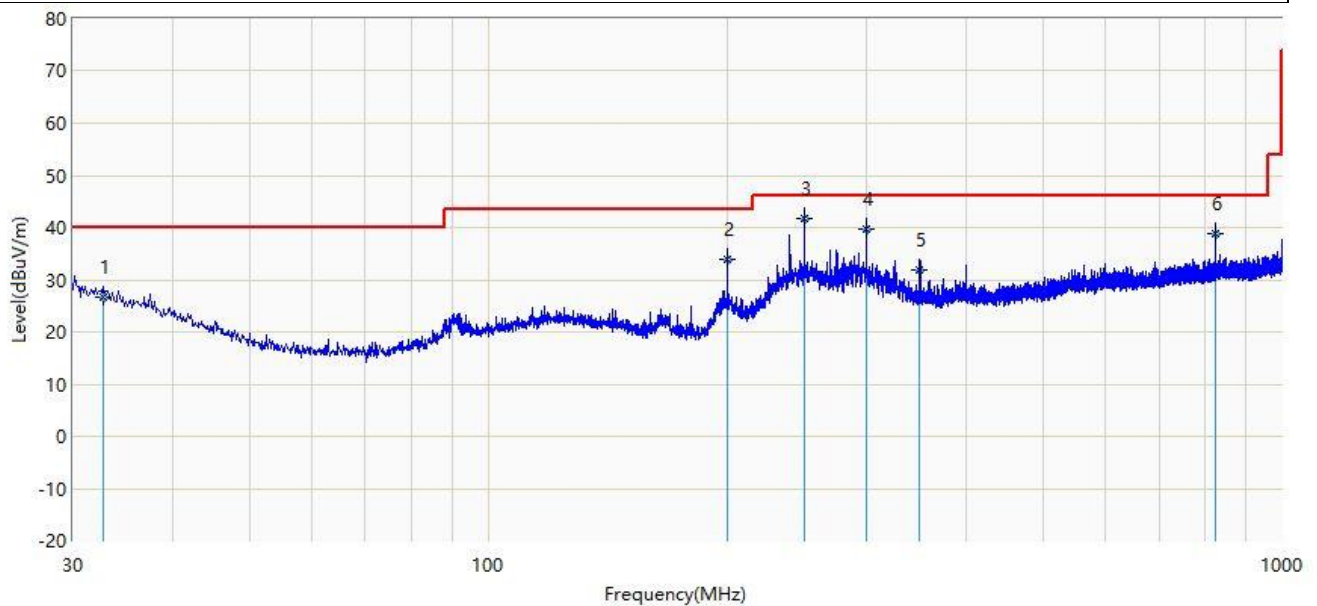
Note:

1.Level=Reading+Factor

2. Margin=Limit-Level, AV Level = PK Level + Duty Cycle Factor.

The worst case of Radiated Emission below 1GHz :

Profile: 2530770R	Page No.: 1
Engineer: Yu Liu	
Site: AC2	Time: 2025/05/12 - 19:29
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112B_2933(30-1000MHz)-2024	Polarity: Horizontal
EUT: Smart Controller	Power: 230 Vac / 50Hz
Note: mode 1:Transmit at 2402MHz by DH5	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		32.789	26.625	2.831	-13.375	40.000	23.793	QP
2		199.992	33.916	17.031	-9.584	43.500	16.885	QP
3	*	249.947	41.641	21.392	-4.359	46.000	20.249	QP
4		300.024	39.725	18.855	-6.275	46.000	20.870	QP
5		349.979	31.959	9.830	-14.041	46.000	22.129	QP
6		824.915	38.868	9.864	-7.132	46.000	29.004	QP