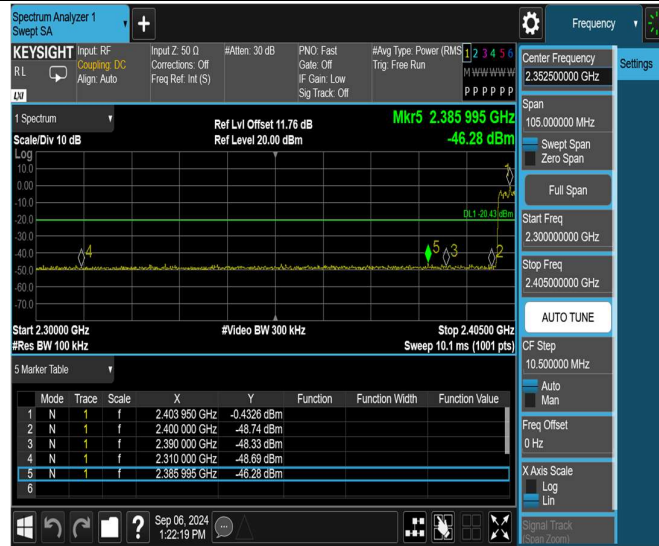
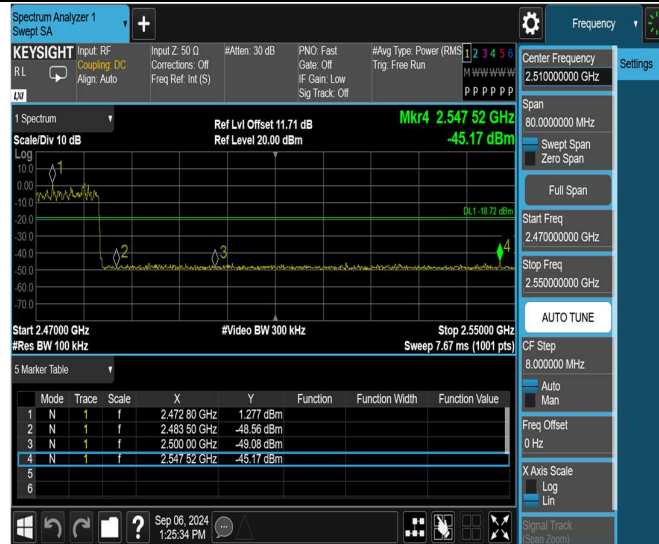


3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

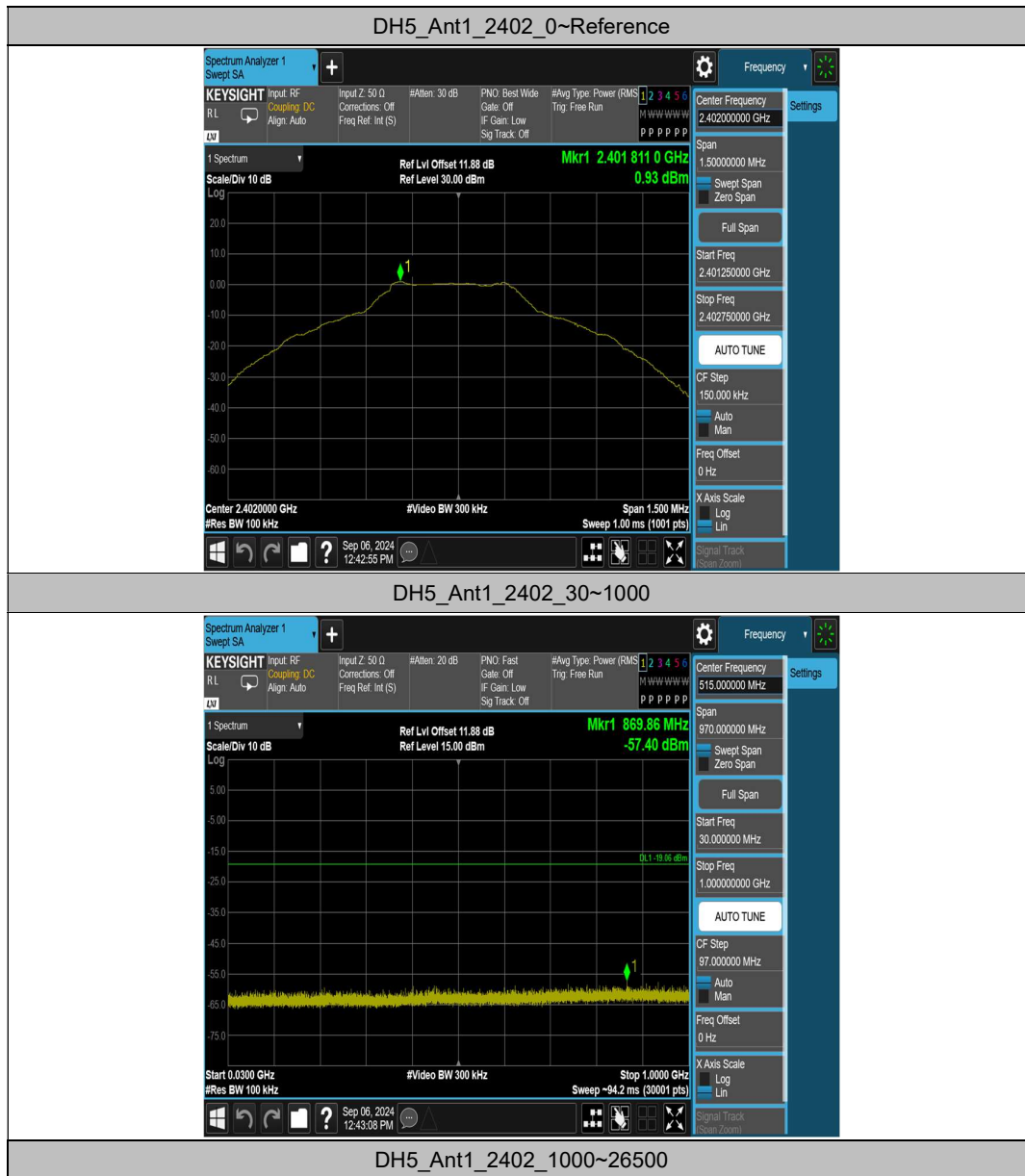


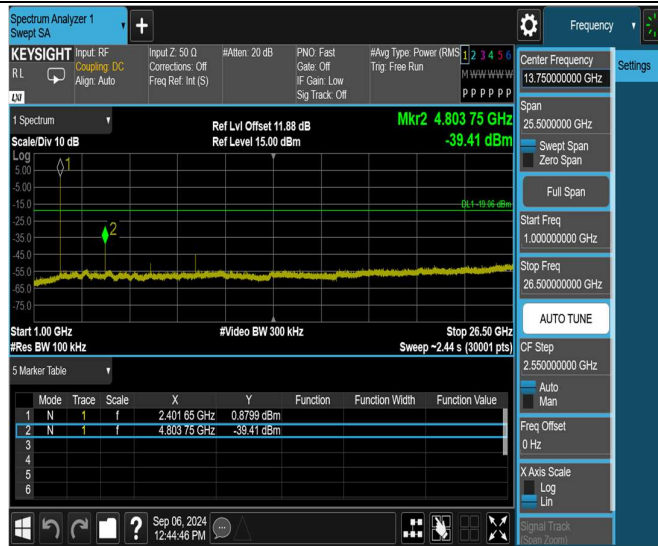
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.94	0.94	---	PASS
			30~1000	0.94	-57.4	≤-19.06	PASS
			1000~26500	0.94	-39.41	≤-19.06	PASS
		2441	Reference	1.31	1.31	---	PASS
			30~1000	1.31	-58.16	≤-18.69	PASS
			1000~26500	1.31	-39.8	≤-18.69	PASS
		2480	Reference	1.16	1.16	---	PASS
			30~1000	1.16	-58.67	≤-18.84	PASS
			1000~26500	1.16	-39.33	≤-18.84	PASS
2DH5	Ant1	2402	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-57.99	≤-19.31	PASS
			1000~26500	0.69	-41.65	≤-19.31	PASS
		2441	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-58.62	≤-18.9	PASS
			1000~26500	1.10	-41.32	≤-18.9	PASS
		2480	Reference	0.98	0.98	---	PASS
			30~1000	0.98	-58.89	≤-19.02	PASS
			1000~26500	0.98	-42.13	≤-19.02	PASS
3DH5	Ant1	2402	Reference	0.86	0.86	---	PASS
			30~1000	0.86	-58.02	≤-19.14	PASS
			1000~26500	0.86	-41.72	≤-19.14	PASS
		2441	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-59.02	≤-18.67	PASS
			1000~26500	1.33	-40.64	≤-18.67	PASS
		2480	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-58.62	≤-18.8	PASS
			1000~26500	1.20	-41.27	≤-18.8	PASS

Test Graphs

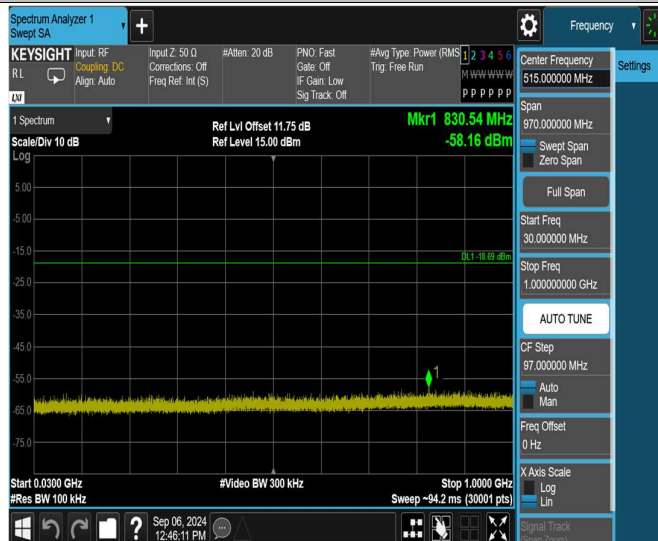




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000





DH5_Ant1_2480_0~Reference

Spectrum Analyzer 1
Sweep SA

KEYSIGHT
RL

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 30 dB

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M P P P P P P

Frequency

Settings

Center Frequency
2.480000000 GHz

Span
1.50000000 MHz
Sweep Span
Zero Span
Full Span

Start Freq
2.479250000 GHz

Stop Freq
2.480750000 GHz

AUTO TUNE

CF Step
150.000 kHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Scan Zoom)

1 Spectrum

Ref Lvl Offset 11.66 dB
Ref Level 30.00 dBm

Mkr1 2.479 809 5 GHz
1.16 dBm

Scale/Div 10 dB

Log

Center 2.48000000 GHz

#Video BW 300 kHz

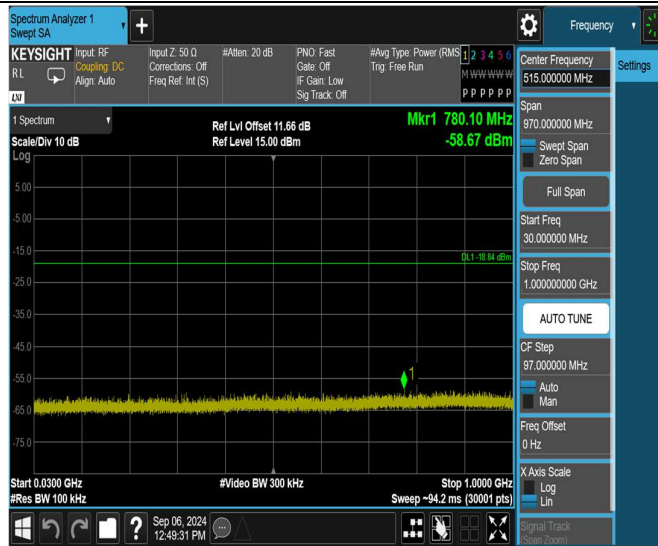
Span 1.500 MHz

#Res BW 100 kHz

Sweep 1.00 ms (1001 pts)

Sep 06, 2024
12:49:19 PM

DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



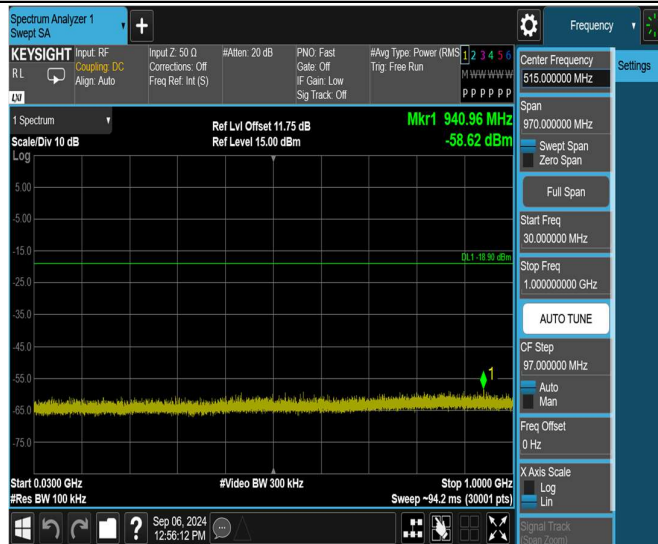
2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



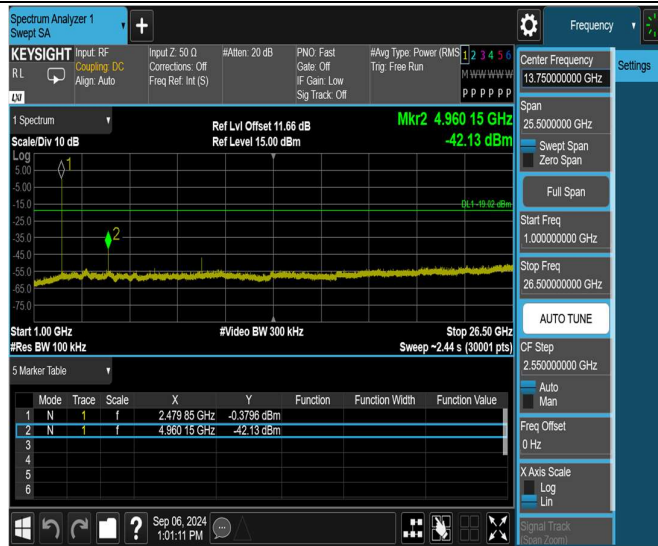
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



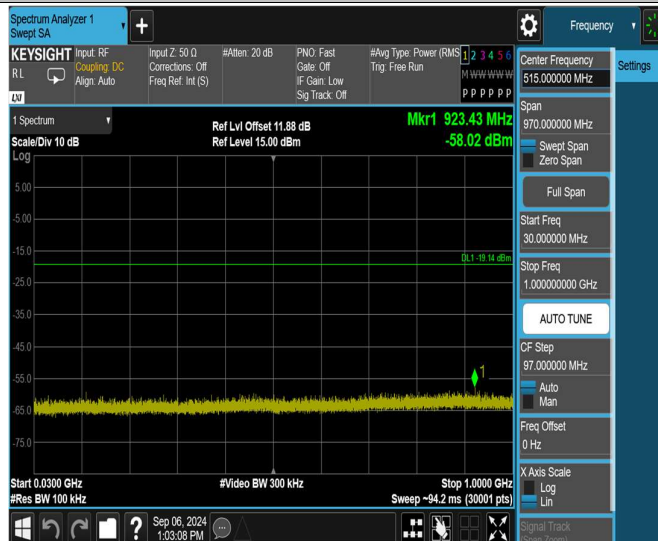
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000





3DH5_Ant1_2441_0~Reference

Spectrum Analyzer 1
Sweep SA

KEYSIGHT
RL

Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 30 dB

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M P P P P P

Frequency

Settings

Center Frequency
2.44100000 GHz

Span
1.50000000 MHz
Sweep Span
Zero Span
Full Span

Start Freq
2.440250000 GHz

Stop Freq
2.441750000 GHz

AUTO TUNE

CF Step
150.000 kHz
Auto
Man

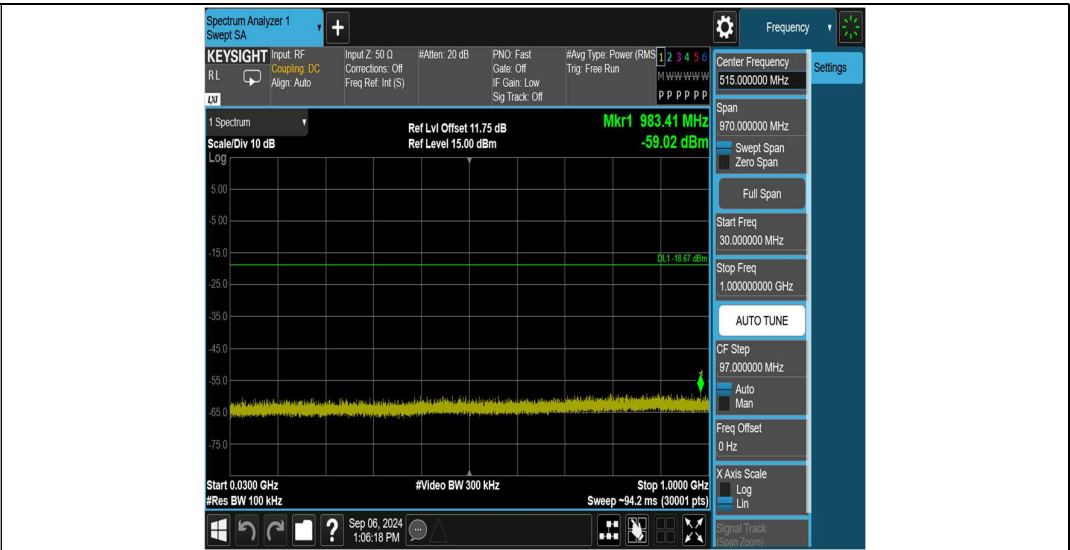
Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Scan Zoom)

1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 11.75 dB
Ref Level 30.00 dBm
Mkr1 2.440 800 0 GHz
1.33 dBmCenter 2.4410000 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Span 1.500 MHz
Sweep 1.00 ms (1001 pts)Sep 06, 2024
1:06:06 PM

3DH5_Ant1_2441_30~1000



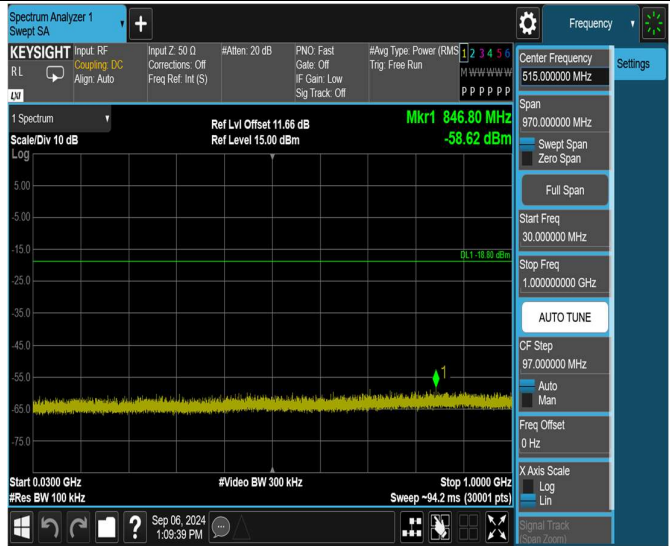
3DH5_Ant1_2441_1000~26500



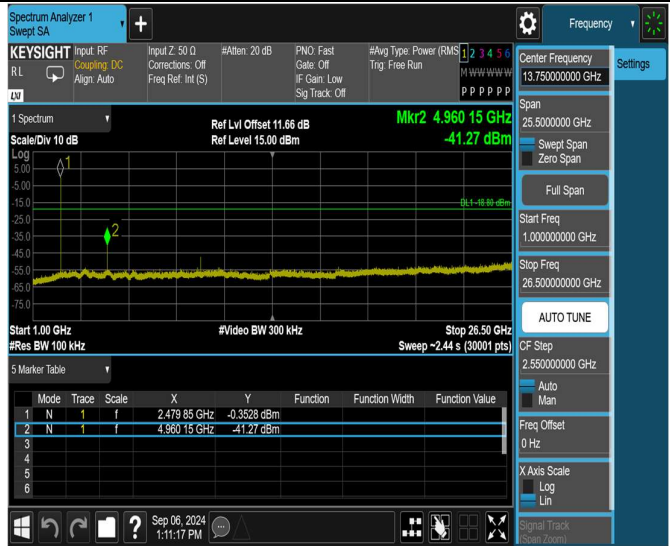
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix I: Duty Cycle

Test Result

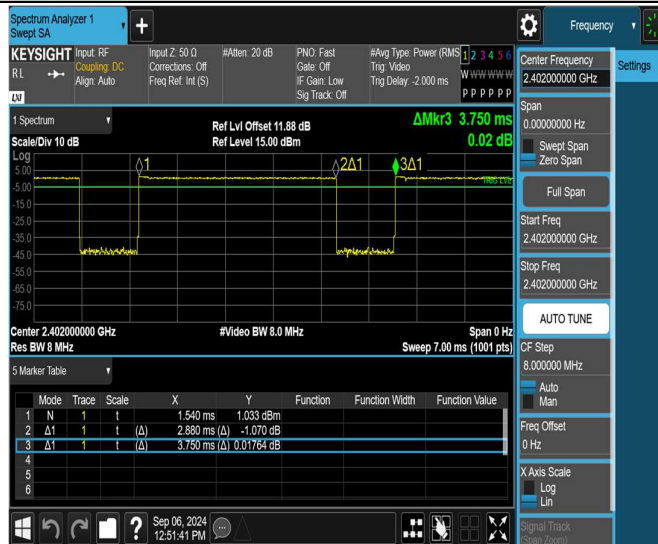
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]
DH5	Ant1	2402	2.87	3.75	76.53
		2441	2.87	3.75	76.53
		2480	2.87	3.75	76.53
2DH5	Ant1	2402	2.88	3.75	76.80
		2441	2.89	3.76	76.86
		2480	2.89	3.75	77.07
3DH5	Ant1	2402	2.89	3.76	76.86
		2441	2.89	3.76	76.86
		2480	2.88	3.75	76.80

Test Graphs





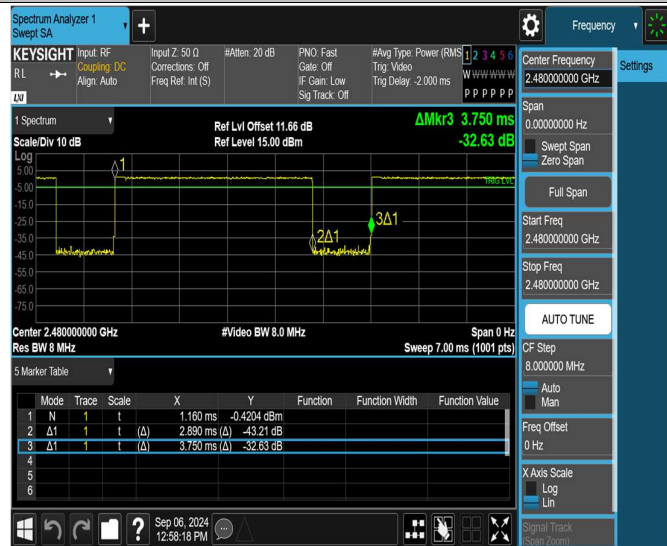
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



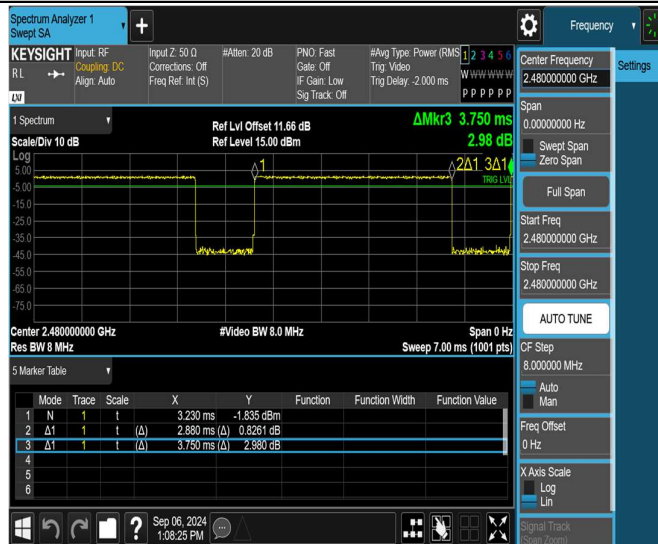
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	36.56	74.00	37.44	33.88	54.00	20.12	150	35	Horizontal	PASS
2	2313.36	-21.21	38.67	74.00	35.33	37.28	54.00	16.72	150	74	Horizontal	PASS
3	2336.4	-21.05	38.65	74.00	35.35	34.17	54.00	19.83	150	317	Horizontal	PASS
4	2369.92	-20.84	39.01	74.00	34.99	35.42	54.00	18.58	150	236	Horizontal	PASS
5	2377.44	-20.80	39.70	74.00	34.30	34.06	54.00	19.94	150	240	Horizontal	PASS
6	2390	-20.73	36.99	74.00	37.01	34.48	54.00	19.52	150	74	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	40.23	74.00	33.77	36.48	54.00	17.52	150	111	Vertical	PASS
2	2322.96	-21.14	42.61	74.00	31.39	37.73	54.00	16.27	150	125	Vertical	PASS
3	2331.04	-21.09	39.68	74.00	34.32	36.77	54.00	17.23	150	81	Vertical	PASS
4	2343.68	-20.99	41.53	74.00	32.47	39.63	54.00	14.37	150	111	Vertical	PASS
5	2379.44	-20.79	42.02	74.00	31.98	39.02	54.00	14.98	150	75	Vertical	PASS
6	2390	-20.73	45.49	74.00	28.51	43.01	54.00	10.99	150	323	Vertical	PASS

Mode:	DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	-20.33	49.06	74.00	24.94	46.38	54.00	7.62	150	257	Horizontal	PASS
2	2483.896	-20.32	53.68	74.00	20.32	46.57	54.00	7.43	150	117	Horizontal	PASS
3	2484.8035	-20.33	56.20	74.00	17.80	45.47	54.00	8.53	150	114	Horizontal	PASS
4	2485.0675	-20.33	56.71	74.00	17.29	47.20	54.00	6.80	150	117	Horizontal	PASS
5	2485.6945	-20.33	53.22	74.00	20.78	48.88	54.00	5.12	150	155	Horizontal	PASS
6	2500	-20.34	37.08	74.00	36.92	34.50	54.00	19.50	150	313	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	-20.33	53.22	74.00	20.78	50.95	54.00	3.05	150	352	Vertical	PASS
2	2483.9455	-20.32	54.88	74.00	19.12	46.95	54.00	7.05	150	345	Vertical	PASS
3	2484.853	-20.33	57.30	74.00	16.70	45.78	54.00	8.22	150	38	Vertical	PASS
4	2485.249	-20.33	56.63	74.00	17.37	45.66	54.00	8.34	150	72	Vertical	PASS
5	2485.81	-20.33	53.08	74.00	20.92	50.68	54.00	3.32	150	164	Vertical	PASS
6	2500	-20.34	37.07	74.00	36.93	36.21	54.00	17.79	150	304	Vertical	PASS

Mode:	2DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	36.63	74.00	37.37	33.52	54.00	20.48	150	37	Horizontal	PASS
2	2340.72	-21.02	39.46	74.00	34.54	34.09	54.00	19.91	150	37	Horizontal	PASS
3	2347.36	-20.97	37.82	74.00	36.18	33.98	54.00	20.02	150	70	Horizontal	PASS
4	2362.8	-20.88	38.07	74.00	35.93	36.86	54.00	17.14	150	264	Horizontal	PASS
5	2377.92	-20.80	40.31	74.00	33.69	36.35	54.00	17.65	150	226	Horizontal	PASS
6	2390	-20.73	37.40	74.00	36.60	34.56	54.00	19.44	150	149	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	37.55	74.00	36.45	36.20	54.00	17.80	150	129	Vertical	PASS
2	2330.16	-21.09	42.64	74.00	31.36	36.66	54.00	17.34	150	84	Vertical	PASS
3	2338.24	-21.03	42.96	74.00	31.04	39.71	54.00	14.29	150	129	Vertical	PASS
4	2362.64	-20.88	42.53	74.00	31.47	38.00	54.00	16.00	150	129	Vertical	PASS
5	2389.28	-20.74	46.93	74.00	27.07	42.09	54.00	11.91	150	321	Vertical	PASS
6	2390	-20.73	41.25	74.00	32.75	36.39	54.00	17.61	150	105	Vertical	PASS

Mode:	2DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	-20.33	58.63	74.00	15.37	43.43	54.00	10.57	150	113	Horizontal	PASS
2	2483.929	-20.32	54.85	74.00	19.15	45.29	54.00	8.71	150	116	Horizontal	PASS
3	2484.8035	-20.33	55.28	74.00	18.72	47.11	54.00	6.89	150	116	Horizontal	PASS
4	2485.0675	-20.33	55.17	74.00	18.83	46.64	54.00	7.36	150	113	Horizontal	PASS
5	2485.744	-20.33	53.12	74.00	20.88	49.81	54.00	4.19	150	180	Horizontal	PASS
6	2500	-20.34	36.75	74.00	37.25	34.76	54.00	19.24	150	189	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5165	-20.33	63.75	74.00	10.25	50.45	54.00	3.55	150	13	Vertical	PASS
2	2483.995	-20.32	59.11	74.00	14.89	48.47	54.00	5.53	150	359	Vertical	PASS
3	2484.8695	-20.33	56.94	74.00	17.06	46.30	54.00	7.70	150	13	Vertical	PASS
4	2485.117	-20.33	57.09	74.00	16.91	45.38	54.00	8.62	150	18	Vertical	PASS
5	2485.6615	-20.33	53.22	74.00	20.78	49.39	54.00	4.61	150	314	Vertical	PASS
6	2500	-20.34	36.91	74.00	37.09	34.34	54.00	19.66	150	307	Vertical	PASS

Mode:	3DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	36.62	74.00	37.38	33.62	54.00	20.38	150	202	Horizontal	PASS
2	2322.4	-21.15	37.93	74.00	36.07	33.86	54.00	20.14	150	79	Horizontal	PASS
3	2330.64	-21.09	38.97	74.00	35.03	33.51	54.00	20.49	150	37	Horizontal	PASS
4	2353.04	-20.94	38.80	74.00	35.20	35.34	54.00	18.66	150	329	Horizontal	PASS
5	2369.76	-20.84	39.75	74.00	34.25	36.04	54.00	17.96	150	55	Horizontal	PASS
6	2390	-20.73	36.74	74.00	37.26	34.63	54.00	19.37	150	222	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	-21.24	37.54	74.00	36.46	34.17	54.00	19.83	150	257	Vertical	PASS
2	2312.48	-21.23	45.48	74.00	28.52	43.24	54.00	10.76	150	96	Vertical	PASS
3	2326	-21.12	42.41	74.00	31.59	40.16	54.00	13.84	150	96	Vertical	PASS
4	2354.56	-20.92	42.13	74.00	31.87	37.99	54.00	16.01	150	134	Vertical	PASS
5	2389.52	-20.73	42.96	74.00	31.04	41.07	54.00	12.93	150	96	Vertical	PASS
6	2390	-20.73	39.19	74.00	34.81	35.44	54.00	18.56	150	114	Vertical	PASS

Mode:	3DH5-2480
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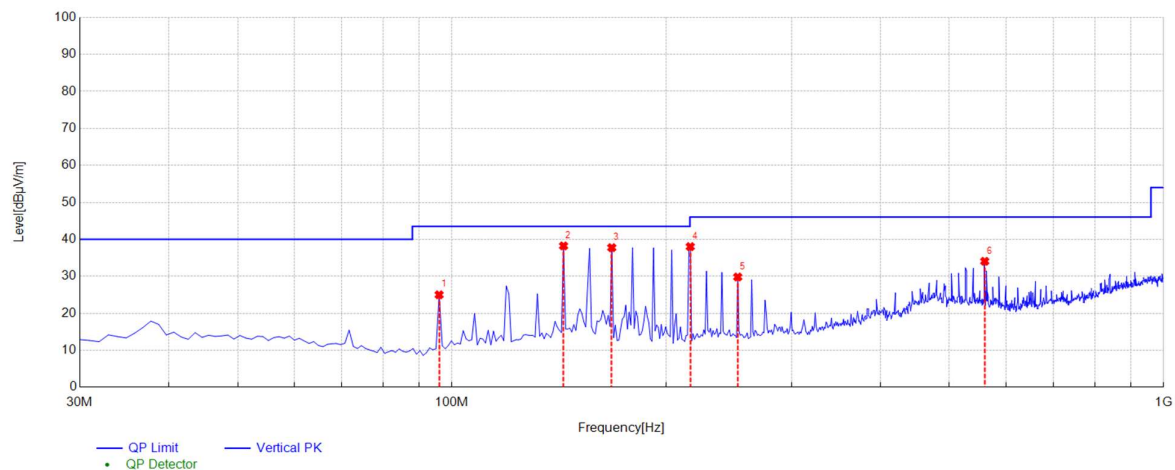
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	-20.33	57.22	74.00	16.78	48.41	54.00	5.59	150	96	Horizontal	PASS
2	2483.8135	-20.32	54.53	74.00	19.47	50.45	54.00	3.55	150	117	Horizontal	PASS
3	2484.853	-20.33	54.73	74.00	19.27	47.41	54.00	6.59	150	112	Horizontal	PASS
4	2485.117	-20.33	54.88	74.00	19.12	47.77	54.00	6.23	150	112	Horizontal	PASS
5	2485.7275	-20.33	53.35	74.00	20.65	49.98	54.00	4.02	150	81	Horizontal	PASS
6	2500	-20.34	37.34	74.00	36.66	34.35	54.00	19.65	150	317	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5165	-20.33	57.27	74.00	16.73	50.17	54.00	3.83	150	96	Vertical	PASS
2	2483.731	-20.33	55.33	74.00	18.67	51.18	54.00	2.82	150	99	Vertical	PASS
3	2484.787	-20.33	55.60	74.00	18.40	47.46	54.00	6.54	150	99	Vertical	PASS
4	2485.0675	-20.33	54.81	74.00	19.19	48.11	54.00	5.89	150	125	Vertical	PASS
5	2485.9255	-20.33	52.36	74.00	21.64	49.65	54.00	4.35	150	132	Vertical	PASS
6	2500.0000	-20.34	37.13	74.00	36.87	34.38	54.00	19.62	150	302	Vertical	PASS

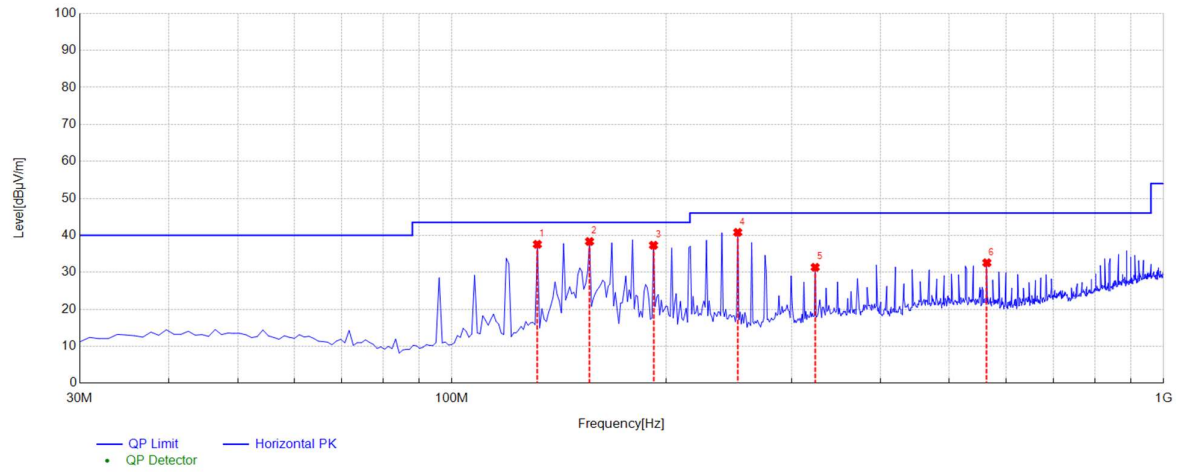
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Appendix L: Radiated emissions for transmitter



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	95.9600	25.01	-19.81	43.50	18.49	100	81	Vertical	PASS
2	143.490	38.23	-16.45	43.50	5.27	100	12	Vertical	PASS
3	167.740	37.75	-17.08	43.50	5.75	100	12	Vertical	PASS
4	216.240	38.03	-18.44	46.00	7.97	100	12	Vertical	PASS
5	252.130	29.82	-17.24	46.00	16.18	100	12	Vertical	PASS
6	560.590	34.06	-9.82	46.00	11.94	100	140	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	131.850	37.58	-16.92	43.50	5.92	100	151	Horizontal	PASS
2	156.100	38.34	-16.31	43.50	5.16	100	143	Horizontal	PASS
3	191.990	37.32	-19.02	43.50	6.18	100	157	Horizontal	PASS
4	252.130	40.81	-17.24	46.00	5.19	100	138	Horizontal	PASS
5	323.910	31.36	-15.41	46.00	14.64	100	148	Horizontal	PASS
6	564.470	32.59	-9.74	46.00	13.41	100	118	Horizontal	PASS

Mode:	DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	45.28	74.00	28.72	38.31	54.00	15.69	150	155	Horizontal	PASS
2	4803	-14.80	50.93	74.00	23.07	31.73	54.00	22.27	150	169	Horizontal	PASS
3	7206	-12.33	53.18	74.00	20.82	34.17	54.00	19.83	150	338	Horizontal	PASS
4	9609	-8.41	58.23	74.00	15.77	48.24	54.00	5.76	150	335	Horizontal	PASS
5	11871	-4.45	45.30	74.00	28.70	37.26	54.00	16.74	150	301	Horizontal	PASS
6	14355	-0.77	46.94	74.00	27.06	38.09	54.00	15.91	150	38	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.21	47.89	74.00	26.11	40.21	54.00	13.79	150	102	Vertical	PASS
2	4803	-14.80	53.92	74.00	20.08	31.36	54.00	22.64	150	80	Vertical	PASS
3	6000	-12.27	46.50	74.00	27.50	35.34	54.00	18.66	150	118	Vertical	PASS
4	7206	-12.33	56.76	74.00	17.24	37.50	54.00	16.50	150	347	Vertical	PASS
5	9609	-8.41	55.84	74.00	18.16	45.90	54.00	8.10	150	356	Vertical	PASS
6	13218	-2.37	45.62	74.00	28.38	37.48	54.00	16.52	150	22	Vertical	PASS

Mode:	DH5-2441
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	45.92	74.00	28.08	41.92	54.00	12.08	150	228	Horizontal	PASS
2	3801	-16.83	39.24	74.00	34.76	30.96	54.00	23.04	150	156	Horizontal	PASS
3	4881	-14.63	49.48	74.00	24.52	31.75	54.00	22.25	150	80	Horizontal	PASS
4	7323	-11.64	52.07	74.00	21.93	35.04	54.00	18.96	150	334	Horizontal	PASS
5	9765	-7.73	57.34	74.00	16.66	47.57	54.00	6.43	150	204	Horizontal	PASS
6	14313	-0.93	46.95	74.00	27.05	38.52	54.00	15.48	150	22	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	44.69	74.00	29.31	38.49	54.00	15.51	150	315	Vertical	PASS
2	4881	-14.63	53.11	74.00	20.89	31.64	54.00	22.36	150	83	Vertical	PASS
3	6000	-12.27	47.70	74.00	26.30	35.38	54.00	18.62	150	115	Vertical	PASS
4	7323	-11.64	55.79	74.00	18.21	36.32	54.00	17.68	150	360	Vertical	PASS
5	9765	-7.73	56.77	74.00	17.23	46.31	54.00	7.69	150	360	Vertical	PASS
6	14289	-0.95	47.75	74.00	26.25	37.55	54.00	16.45	150	4	Vertical	PASS

Mode:	DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	45.88	74.00	28.12	40.34	54.00	13.66	150	158	Horizontal	PASS
2	3849	-17.36	39.32	74.00	34.68	31.82	54.00	22.18	150	222	Horizontal	PASS
3	4959	-15.23	50.38	74.00	23.62	32.97	54.00	21.03	150	72	Horizontal	PASS
4	7440	-11.61	50.74	74.00	23.26	33.71	54.00	20.29	150	329	Horizontal	PASS
5	9921	-8.42	57.20	74.00	16.80	48.00	54.00	6.00	150	51	Horizontal	PASS
6	11664	-5.30	45.82	74.00	28.18	36.17	54.00	17.83	150	113	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1594	2.16	47.10	74.00	26.90	39.42	54.00	14.58	150	106	Vertical	PASS
2	4959	-15.23	53.44	74.00	20.56	32.96	54.00	21.04	150	82	Vertical	PASS
3	6000	-12.27	46.26	74.00	27.74	37.16	54.00	16.84	150	123	Vertical	PASS
4	7440	-11.61	55.28	74.00	18.72	36.01	54.00	17.99	150	348	Vertical	PASS
5	9921	-8.42	56.96	74.00	17.04	47.62	54.00	6.38	150	43	Vertical	PASS
6	12753	-3.48	46.16	74.00	27.84	38.66	54.00	15.34	150	263	Vertical	PASS

Mode:	2DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	44.07	74.00	29.93	40.68	54.00	13.32	150	308	Horizontal	PASS
2	4806	-14.83	48.32	74.00	25.68	41.91	54.00	12.09	150	147	Horizontal	PASS
3	5940	-12.20	41.09	74.00	32.91	33.24	54.00	20.76	150	291	Horizontal	PASS
4	7206	-12.33	51.45	74.00	22.55	33.30	54.00	20.70	150	199	Horizontal	PASS
5	9609	-8.41	57.14	74.00	16.86	48.68	54.00	5.32	150	204	Horizontal	PASS
6	13476	-2.63	45.62	74.00	28.38	37.66	54.00	16.34	150	10	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	48.03	74.00	25.97	40.23	54.00	13.77	150	104	Vertical	PASS
2	4803	-14.80	51.95	74.00	22.05	31.14	54.00	22.86	150	89	Vertical	PASS
3	6000	-12.27	48.26	74.00	25.74	34.10	54.00	19.90	150	122	Vertical	PASS
4	7206	-12.33	56.95	74.00	17.05	35.60	54.00	18.40	150	358	Vertical	PASS
5	9609	-8.41	55.23	74.00	18.77	45.06	54.00	8.94	150	349	Vertical	PASS
6	12000	-5.03	44.45	74.00	29.55	36.17	54.00	17.83	150	150	Vertical	PASS

Mode:	2DH5-2441
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	46.00	74.00	28.00	36.48	54.00	17.52	150	223	Horizontal	PASS
2	4881	-14.63	47.90	74.00	26.10	31.23	54.00	22.77	150	82	Horizontal	PASS
3	6318	-12.46	41.04	74.00	32.96	33.09	54.00	20.91	150	102	Horizontal	PASS
4	7323	-11.64	50.97	74.00	23.03	35.33	54.00	18.67	150	313	Horizontal	PASS
5	9765	-7.73	56.51	74.00	17.49	45.94	54.00	8.06	150	206	Horizontal	PASS
6	13227	-2.44	46.22	74.00	27.78	37.78	54.00	16.22	150	96	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	46.44	74.00	27.56	36.58	54.00	17.42	150	108	Vertical	PASS
2	4881	-14.63	49.89	74.00	24.11	32.13	54.00	21.87	150	25	Vertical	PASS
3	6000	-12.27	46.87	74.00	27.13	33.92	54.00	20.08	150	114	Vertical	PASS
4	7323	-11.64	53.52	74.00	20.48	35.64	54.00	18.36	150	45	Vertical	PASS
5	9765	-7.73	54.54	74.00	19.46	44.76	54.00	9.24	150	354	Vertical	PASS
6	12912	-3.05	45.49	74.00	28.51	37.55	54.00	16.45	150	10	Vertical	PASS

Mode:	2DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	45.06	74.00	28.94	38.82	54.00	15.18	150	178	Horizontal	PASS
2	4464	-15.62	39.97	74.00	34.03	31.99	54.00	22.01	150	248	Horizontal	PASS
3	4959	-15.23	48.64	74.00	25.36	31.83	54.00	22.17	150	144	Horizontal	PASS
4	7440	-11.61	47.75	74.00	26.25	32.96	54.00	21.04	150	88	Horizontal	PASS
5	9921	-8.42	56.42	74.00	17.58	46.80	54.00	7.20	150	67	Horizontal	PASS
6	14361	-0.86	46.27	74.00	27.73	38.44	54.00	15.56	150	109	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.21	46.44	74.00	27.56	41.18	54.00	12.82	150	37	Vertical	PASS
2	4959	-15.23	50.93	74.00	23.07	32.53	54.00	21.47	150	97	Vertical	PASS
3	6000	-12.27	47.01	74.00	26.99	35.34	54.00	18.66	150	120	Vertical	PASS
4	7440	-11.61	53.18	74.00	20.82	34.53	54.00	19.47	150	358	Vertical	PASS
5	9921	-8.42	55.40	74.00	18.60	47.27	54.00	6.73	150	355	Vertical	PASS
6	13155	-2.78	47.07	74.00	26.93	37.16	54.00	16.84	150	231	Vertical	PASS

Mode:	3DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	45.58	74.00	28.42	42.64	54.00	11.36	150	220	Horizontal	PASS
2	3588	-17.85	39.39	74.00	34.61	30.12	54.00	23.88	150	316	Horizontal	PASS
3	4803	-14.80	48.30	74.00	25.70	31.22	54.00	22.78	150	118	Horizontal	PASS
4	7206	-12.33	49.56	74.00	24.44	34.67	54.00	19.33	150	337	Horizontal	PASS
5	9609	-8.41	57.62	74.00	16.38	46.93	54.00	7.07	150	334	Horizontal	PASS
6	13101	-2.89	46.60	74.00	27.40	37.20	54.00	16.80	150	39	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1594	2.16	46.60	74.00	27.40	34.84	54.00	19.16	150	102	Vertical	PASS
2	4803	-14.80	51.17	74.00	22.83	31.32	54.00	22.68	150	97	Vertical	PASS
3	6000	-12.27	47.37	74.00	26.63	35.10	54.00	18.90	150	121	Vertical	PASS
4	7206	-12.33	54.65	74.00	19.35	35.99	54.00	18.01	150	350	Vertical	PASS
5	9609	-8.41	55.02	74.00	18.98	45.42	54.00	8.58	150	350	Vertical	PASS
6	14307	-0.97	47.29	74.00	26.71	37.94	54.00	16.06	150	335	Vertical	PASS

Mode:	3DH5-2441
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	43.69	74.00	30.31	36.98	54.00	17.02	150	312	Horizontal	PASS
2	3828	-17.13	40.14	74.00	33.86	31.28	54.00	22.72	150	225	Horizontal	PASS
3	4884	-14.57	48.13	74.00	25.87	43.13	54.00	10.87	150	134	Horizontal	PASS
4	7323	-11.64	49.84	74.00	24.16	34.28	54.00	19.72	150	83	Horizontal	PASS
5	9765	-7.73	57.86	74.00	16.14	47.61	54.00	6.39	150	208	Horizontal	PASS
6	14394	-1.30	46.51	74.00	27.49	38.35	54.00	15.65	150	346	Horizontal	PASS

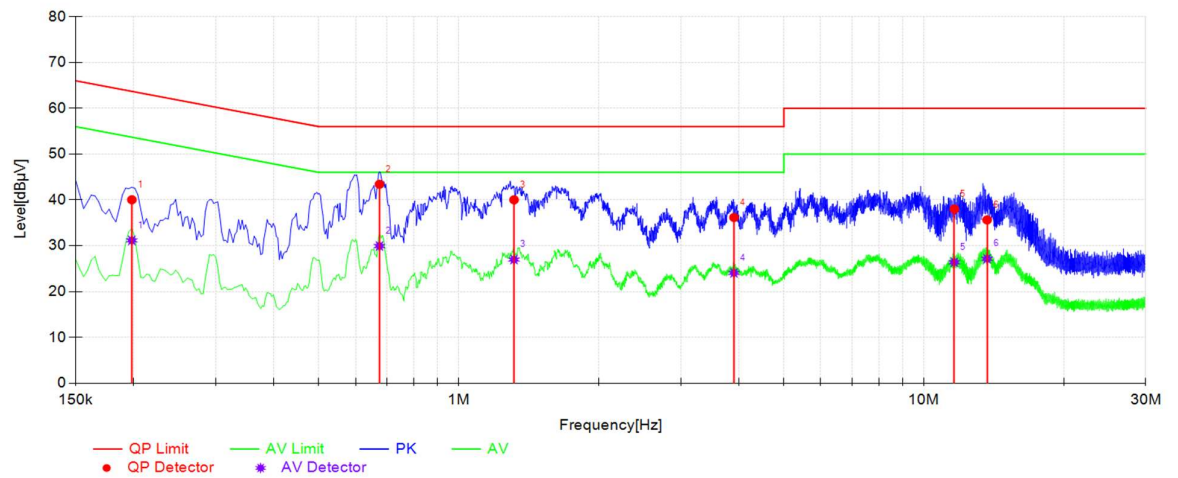
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	44.79	74.00	29.21	37.84	54.00	16.16	150	115	Vertical	PASS
2	4881	-14.63	51.07	74.00	22.93	32.40	54.00	21.60	150	83	Vertical	PASS
3	6000	-12.27	49.09	74.00	24.91	34.67	54.00	19.33	150	116	Vertical	PASS
4	7323	-11.64	53.02	74.00	20.98	35.59	54.00	18.41	150	355	Vertical	PASS
5	9765	-7.73	57.84	74.00	16.16	46.07	54.00	7.93	150	355	Vertical	PASS
6	12501	-3.75	46.53	74.00	27.47	36.60	54.00	17.40	150	168	Vertical	PASS

Mode:	3DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	43.69	74.00	30.31	38.83	54.00	15.17	150	170	Horizontal	PASS
2	4149	-16.14	40.21	74.00	33.79	31.61	54.00	22.39	150	102	Horizontal	PASS
3	4959	-15.23	51.13	74.00	22.87	32.60	54.00	21.40	150	143	Horizontal	PASS
4	7440	-11.61	47.62	74.00	26.38	33.72	54.00	20.28	150	89	Horizontal	PASS
5	9921	-8.42	56.94	74.00	17.06	47.33	54.00	6.67	150	57	Horizontal	PASS
6	13347	-2.89	45.93	74.00	28.07	36.29	54.00	17.71	150	354	Horizontal	PASS

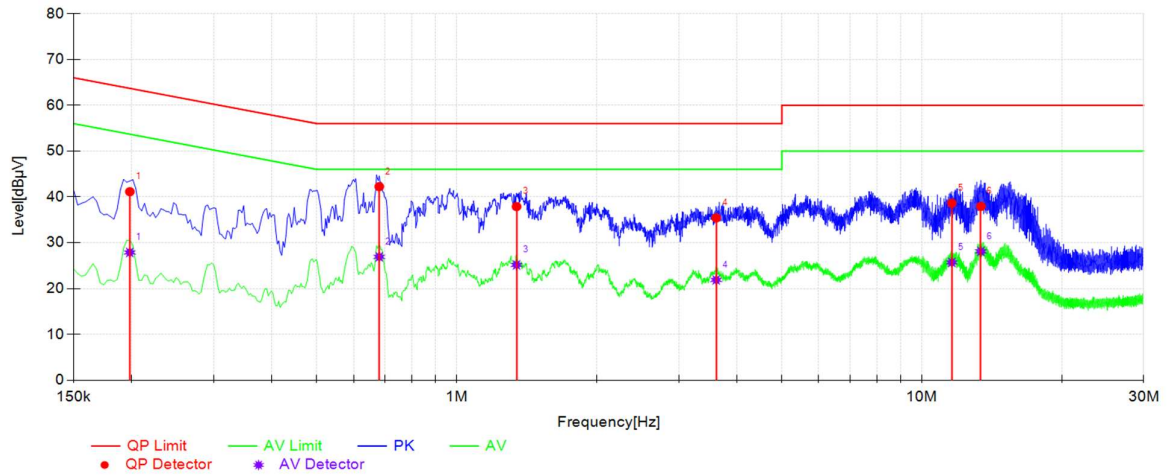
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1596	2.18	45.09	74.00	28.91	37.91	54.00	16.09	150	329	Vertical	PASS
2	4959	-15.23	52.52	74.00	21.48	32.64	54.00	21.36	150	74	Vertical	PASS
3	6000	-12.27	46.82	74.00	27.18	37.21	54.00	16.79	150	124	Vertical	PASS
4	7440	-11.61	52.78	74.00	21.22	35.54	54.00	18.46	150	50	Vertical	PASS
5	9921	-8.42	55.84	74.00	18.16	45.14	54.00	8.86	150	62	Vertical	PASS
6	12801	-3.98	46.15	74.00	27.85	36.13	54.00	17.87	150	274	Vertical	PASS

Appendix K: Conducted emission



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.198	11.65	40.04	63.69	23.65	31.17	53.69	22.52	L1	PASS
2	0.675	11.66	43.42	56.00	12.58	29.93	46.00	16.07	L1	PASS
3	1.314	11.67	40.03	56.00	15.97	26.99	46.00	19.01	L1	PASS
4	3.906	11.70	36.18	56.00	19.82	24.07	46.00	21.93	L1	PASS
5	11.629	11.89	38.02	60.00	21.98	26.41	50.00	23.59	L1	PASS
6	13.678	11.94	35.65	60.00	24.35	27.15	50.00	22.85	L1	PASS



Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.198	11.65	41.15	63.69	22.54	27.89	53.69	25.80	N	PASS
2	0.681	11.66	42.25	56.00	13.75	26.92	46.00	19.08	N	PASS
3	1.344	11.67	37.90	56.00	18.10	25.16	46.00	20.84	N	PASS
4	3.612	11.78	35.42	56.00	20.58	21.89	46.00	24.11	N	PASS
5	11.602	11.89	38.64	60.00	21.36	25.71	50.00	24.29	N	PASS
6	13.396	11.94	37.94	60.00	22.06	28.12	50.00	21.88	N	PASS