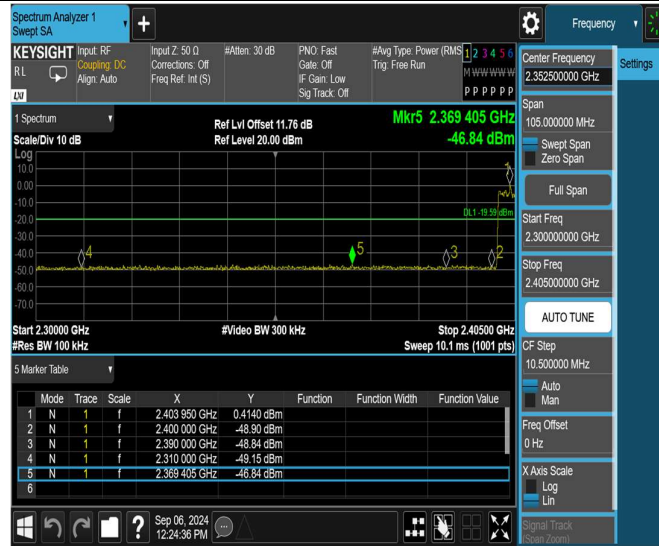
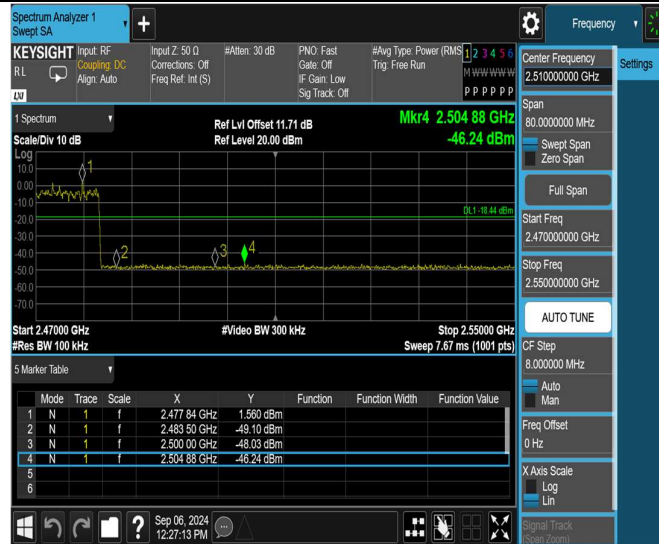


3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

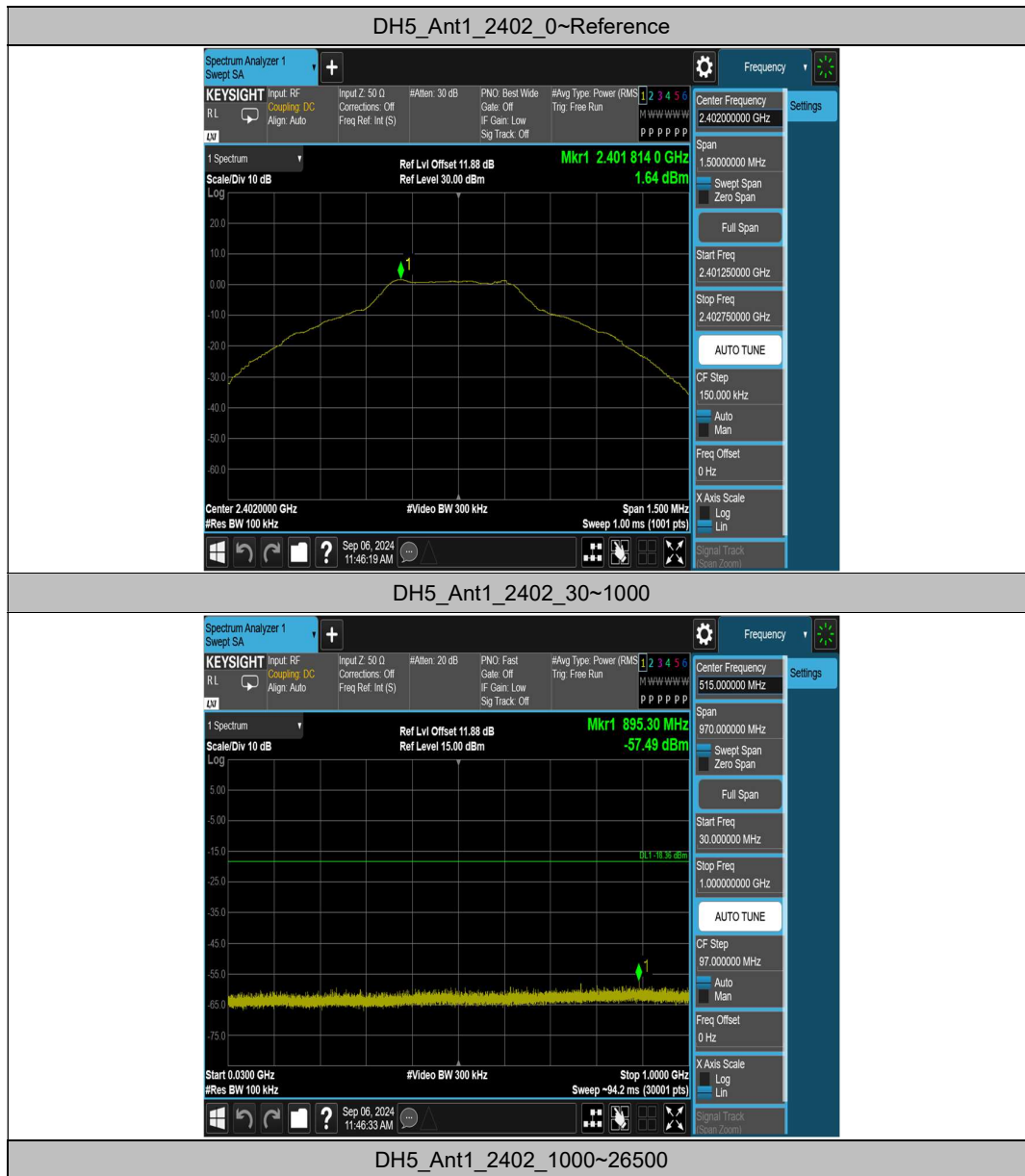


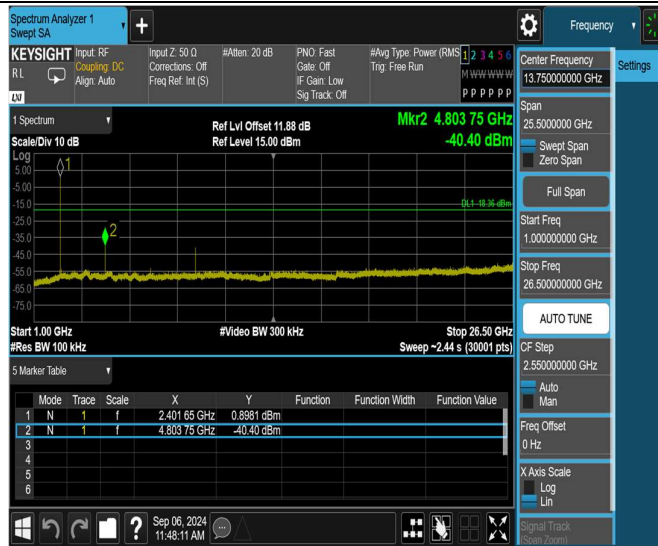
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.64	1.64	---	PASS
			30~1000	1.64	-57.49	≤-18.36	PASS
			1000~26500	1.64	-40.4	≤-18.36	PASS
		2441	Reference	1.81	1.81	---	PASS
			30~1000	1.81	-58.33	≤-18.19	PASS
			1000~26500	1.81	-38.22	≤-18.19	PASS
		2480	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-57.95	≤-18.49	PASS
			1000~26500	1.51	-38.73	≤-18.49	PASS
2DH5	Ant1	2402	Reference	1.33	1.33	---	PASS
			30~1000	1.33	-58.24	≤-18.67	PASS
			1000~26500	1.33	-41.47	≤-18.67	PASS
		2441	Reference	1.63	1.63	---	PASS
			30~1000	1.63	-58.09	≤-18.37	PASS
			1000~26500	1.63	-39.24	≤-18.37	PASS
		2480	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-58.62	≤-18.7	PASS
			1000~26500	1.30	-40.14	≤-18.7	PASS
3DH5	Ant1	2402	Reference	1.64	1.64	---	PASS
			30~1000	1.64	-57.68	≤-18.36	PASS
			1000~26500	1.64	-41.21	≤-18.36	PASS
		2441	Reference	1.77	1.77	---	PASS
			30~1000	1.77	-58.46	≤-18.23	PASS
			1000~26500	1.77	-39.17	≤-18.23	PASS
		2480	Reference	1.46	1.46	---	PASS
			30~1000	1.46	-57.99	≤-18.54	PASS
			1000~26500	1.46	-40.2	≤-18.54	PASS

Test Graphs

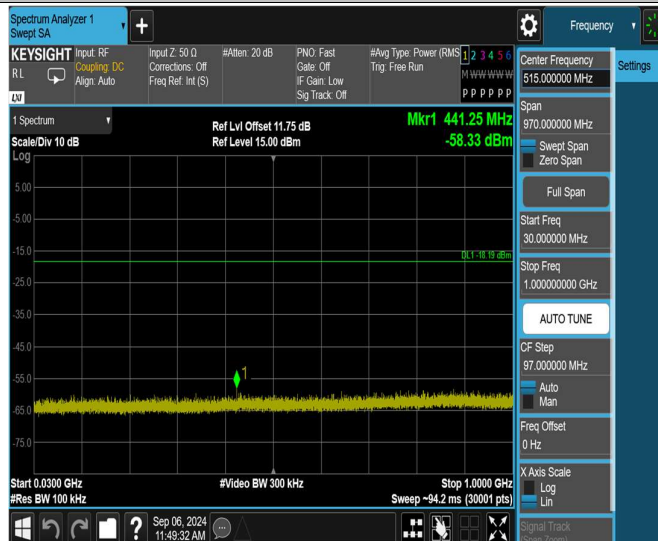




DH5_Ant1_2441_0~Reference



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

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 2.479 812 5 GHz
1.51 dBm

Scale/Div 10 dB

Log

Center 2.48000000 GHz

#Video BW 300 kHz

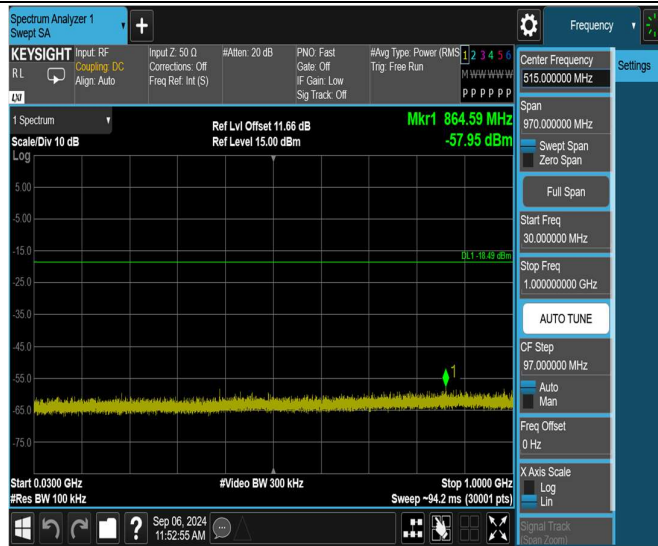
Span 1.500 MHz

#Res BW 100 kHz

Sweep 1.00 ms (1001 pts)

Sep 06, 2024
11:52:42 AM

DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference



2DH5_Ant1_2402_30~1000



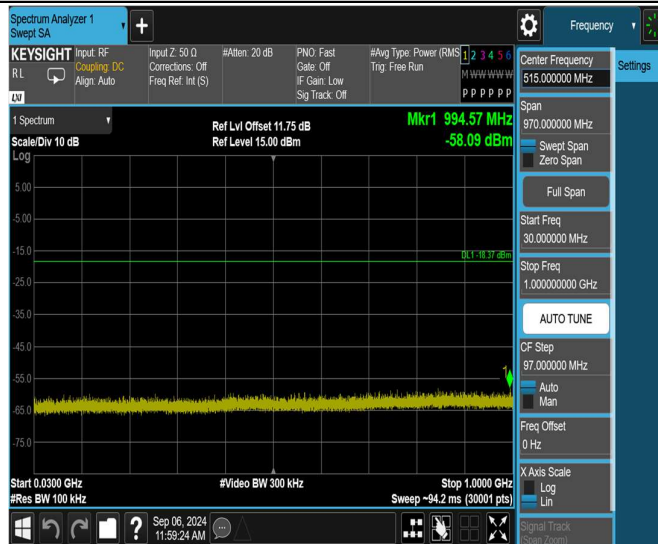
2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



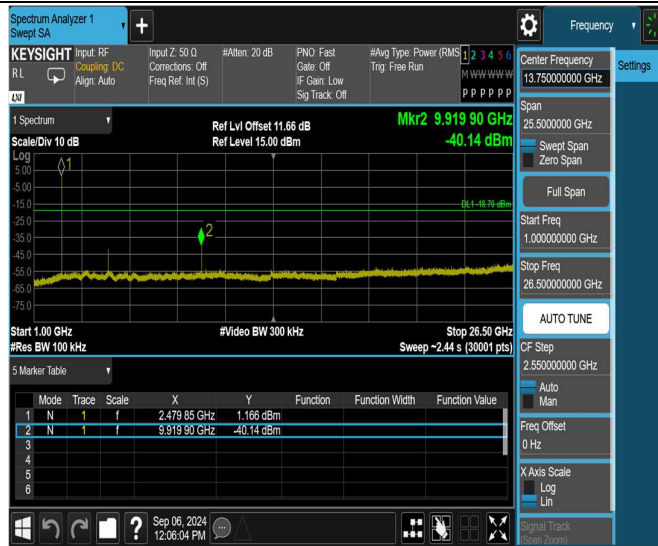
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



2DH5_Ant1_2480_1000~26500

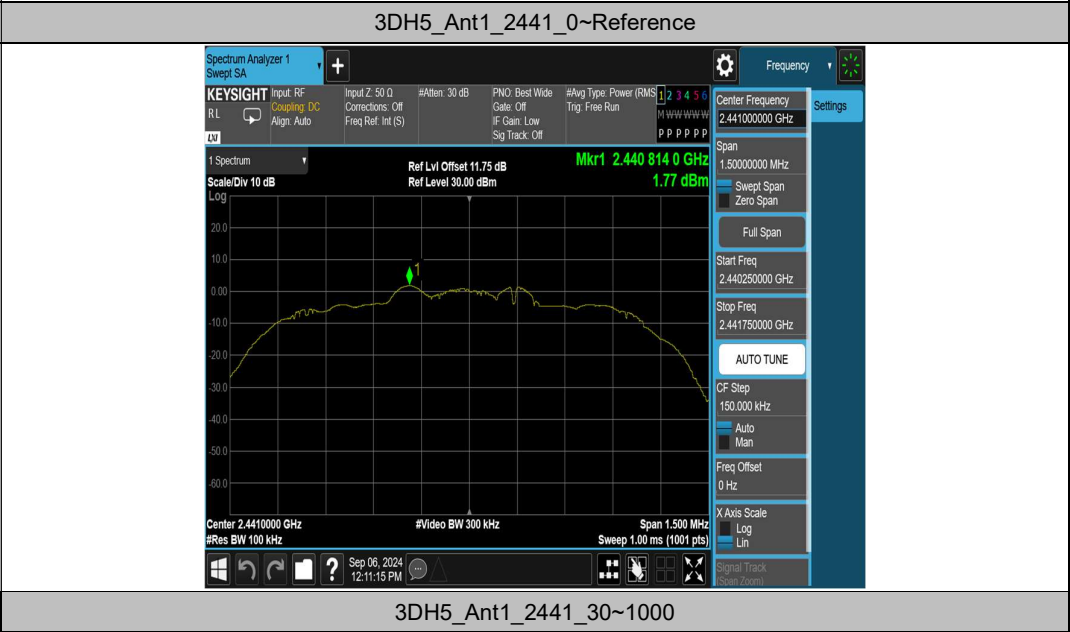
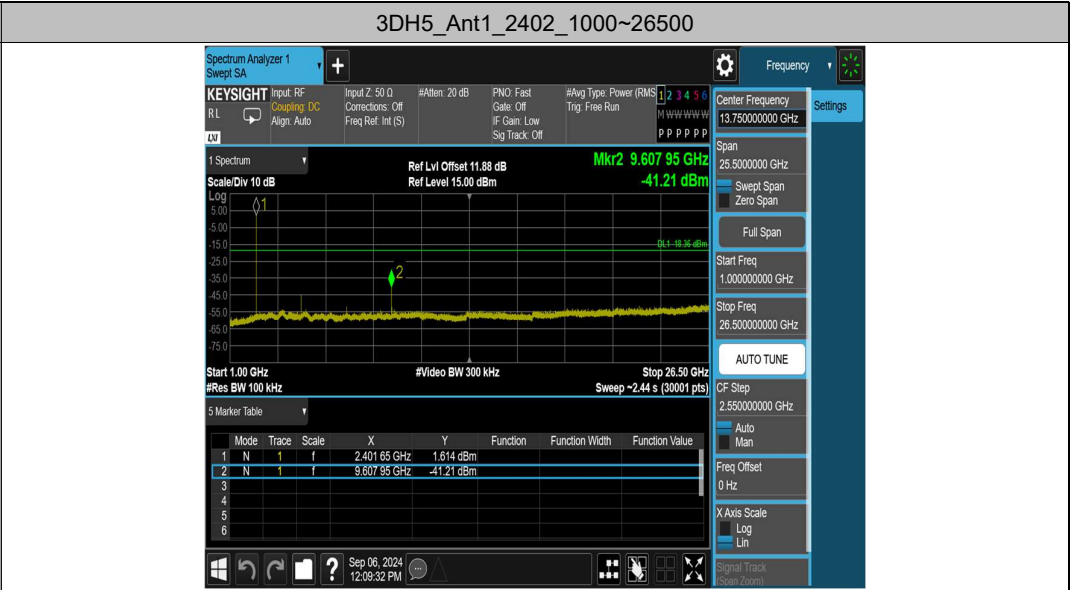


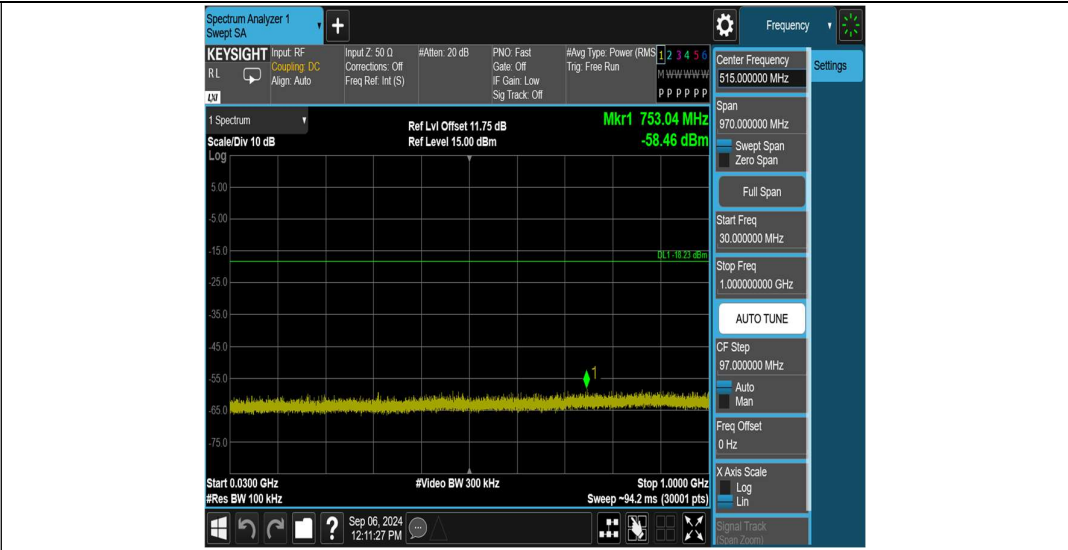
3DH5_Ant1_2402_0~Reference



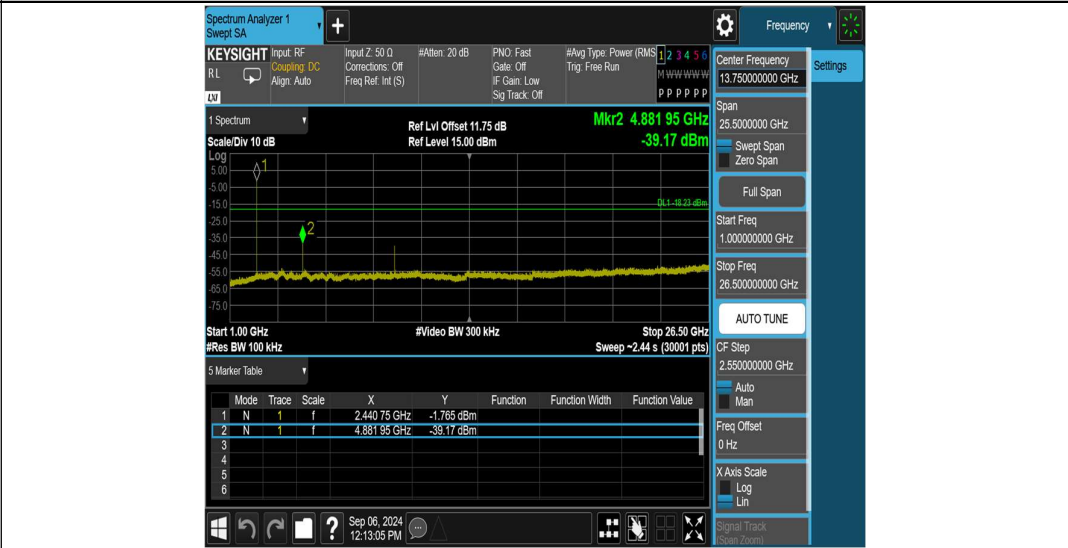
3DH5_Ant1_2402_30~1000







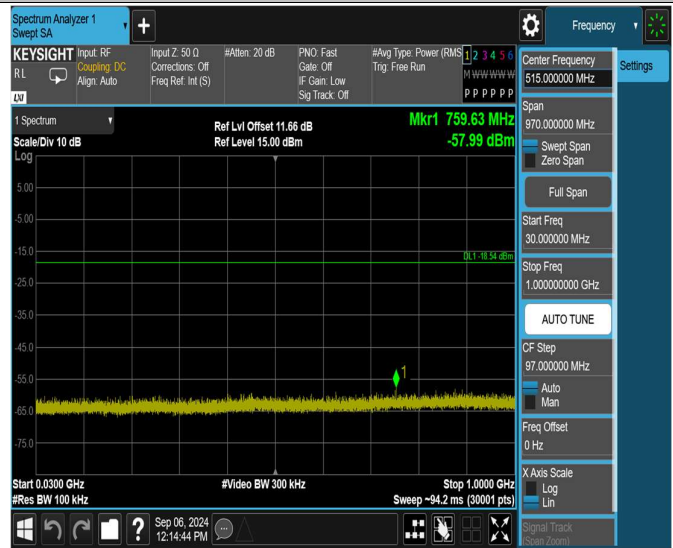
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500

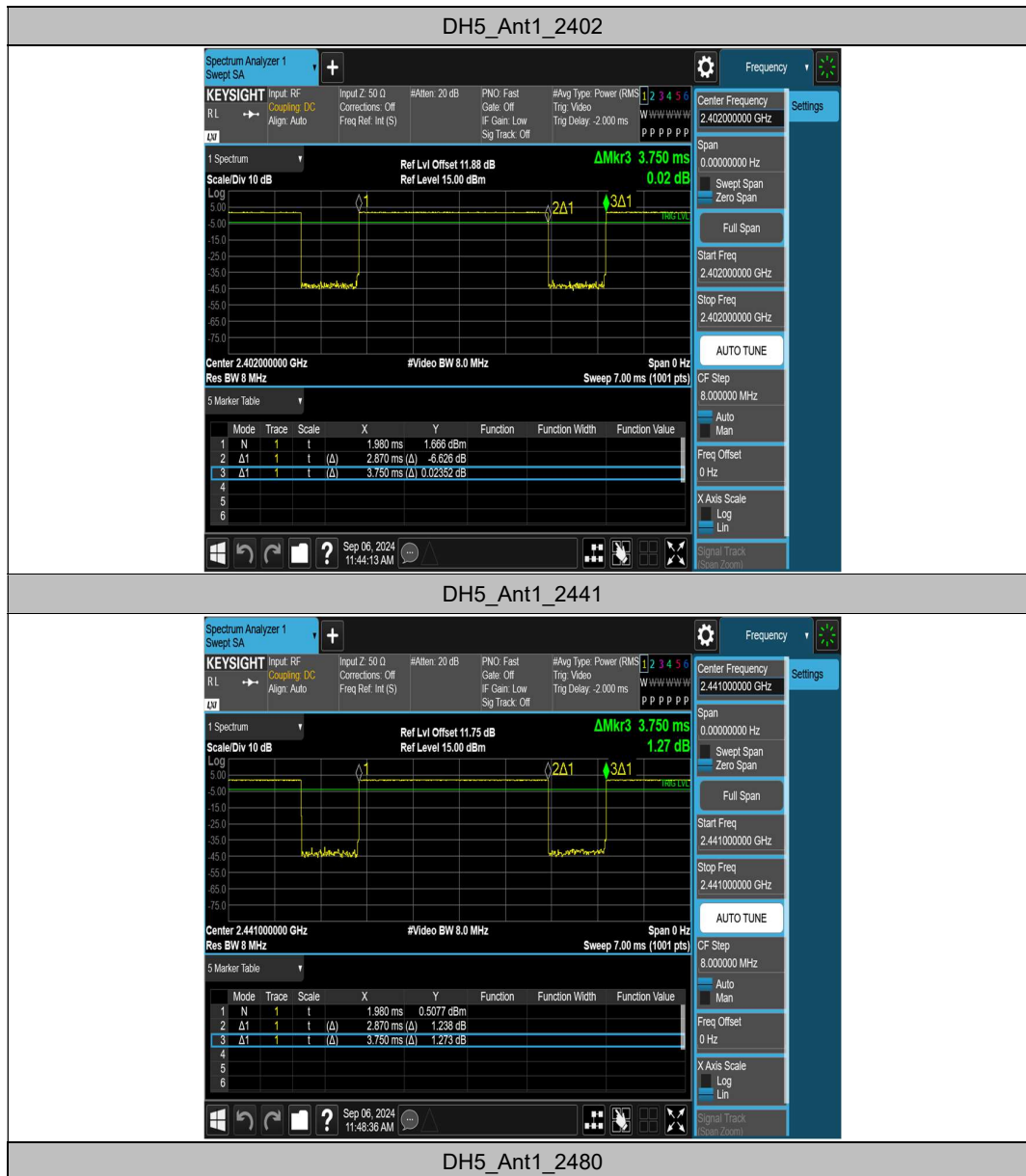


Appendix I: Duty Cycle

Test Result

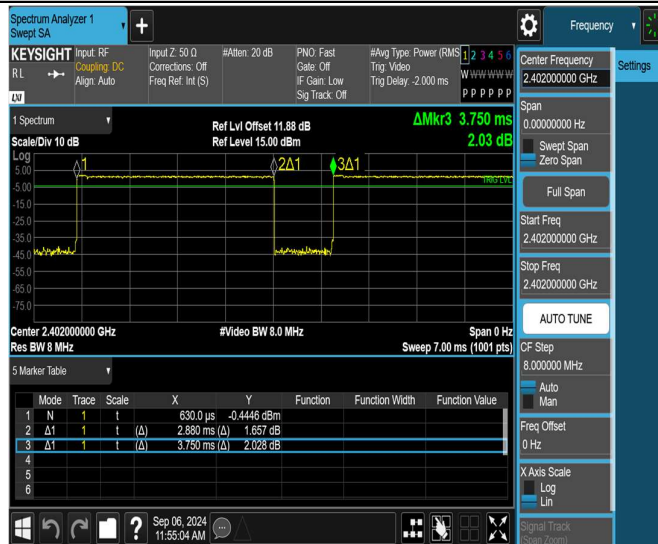
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]
DH5	Ant1	2402	2.87	3.75	76.53
		2441	2.87	3.75	76.53
		2480	2.87	3.75	76.53
2DH5	Ant1	2402	2.88	3.75	76.80
		2441	2.88	3.75	76.80
		2480	2.88	3.75	76.80
3DH5	Ant1	2402	2.89	3.76	76.86
		2441	2.89	3.76	76.86
		2480	2.88	3.75	76.80

Test Graphs





2DH5_Ant1_2402



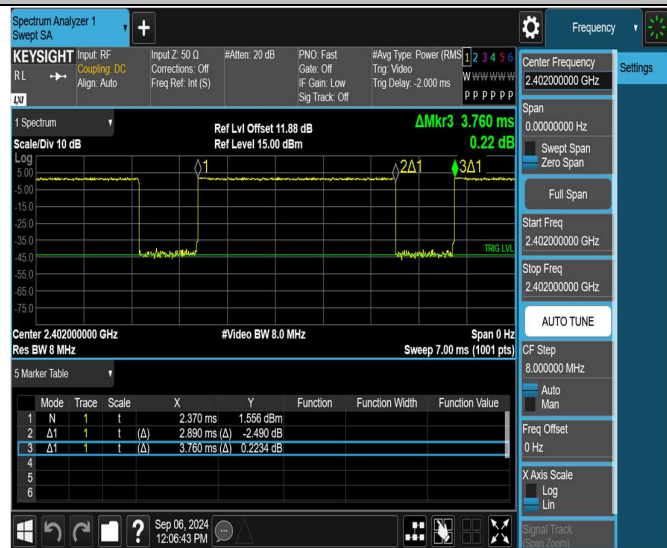
2DH5_Ant1_2441



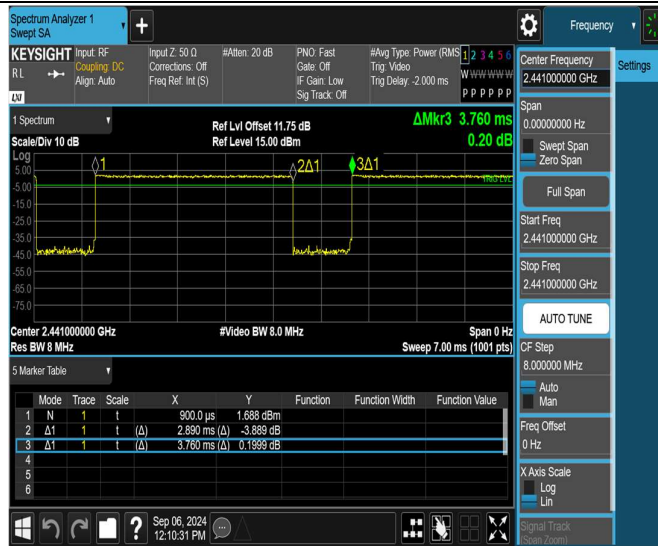
2DH5_Ant1_2480



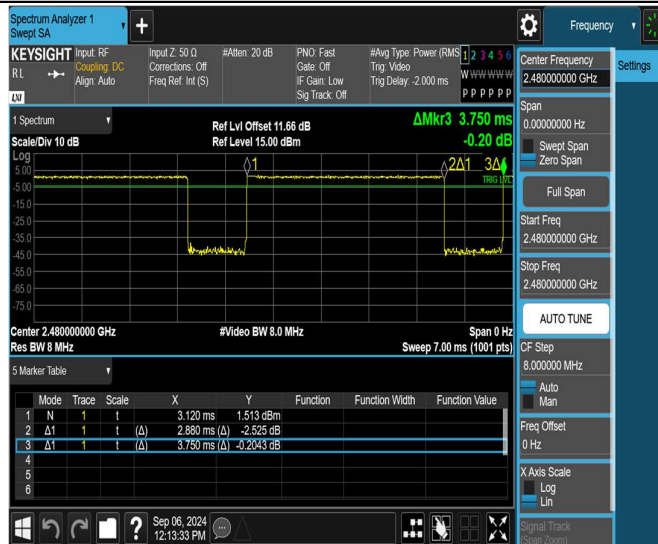
3DH5_Ant1_2402



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	38.12	74.00	35.88	36.36	54.00	17.64	150	156	Horizontal	PASS
2	2314.64	-21.20	38.83	74.00	35.17	33.88	54.00	20.12	150	156	Horizontal	PASS
3	2329.04	-21.10	39.13	74.00	34.87	35.42	54.00	18.58	150	312	Horizontal	PASS
4	2343.76	-20.99	39.77	74.00	34.23	36.01	54.00	17.99	150	312	Horizontal	PASS
5	2363.04	-20.88	40.12	74.00	33.88	35.76	54.00	18.24	150	0	Horizontal	PASS
6	2390	-20.73	39.81	74.00	34.19	37.57	54.00	16.43	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	2310	-21.24	37.58	74.00	36.42	33.70	54.00	20.30	150	346	Vertical	PASS
2	2314.32	-21.21	43.06	74.00	30.94	36.38	54.00	17.62	150	292	Vertical	PASS
3	2326.56	-21.12	40.23	74.00	33.77	35.22	54.00	18.78	150	301	Vertical	PASS
4	2341.84	-21.01	39.37	74.00	34.63	35.74	54.00	18.26	150	149	Vertical	PASS
5	2355.6	-20.92	41.85	74.00	32.15	38.78	54.00	15.22	150	304	Vertical	PASS
6	2390	-20.73	42.03	74.00	31.97	39.41	54.00	14.59	150	149	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	51.42	74.00	22.58	49.09	54.00	4.91	150	148	Horizontal	PASS
2	2483.896	-20.32	54.74	74.00	19.26	43.61	54.00	10.39	150	131	Horizontal	PASS
3	2484.8365	-20.33	56.37	74.00	17.63	45.72	54.00	8.28	150	194	Horizontal	PASS
4	2485.183	-20.33	56.29	74.00	17.71	45.68	54.00	8.32	150	215	Horizontal	PASS
5	2485.81	-20.33	53.57	74.00	20.43	48.49	54.00	5.51	150	169	Horizontal	PASS
6	2500	-20.34	39.76	74.00	34.24	35.15	54.00	18.85	150	323	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	52.19	74.00	21.81	49.84	54.00	4.16	150	110	Vertical	PASS
2	2483.9455	-20.32	55.50	74.00	18.50	49.77	54.00	4.23	150	50	Vertical	PASS
3	2484.8365	-20.33	57.17	74.00	16.83	47.64	54.00	6.36	150	50	Vertical	PASS
4	2485.15	-20.33	56.90	74.00	17.10	45.53	54.00	8.47	150	165	Vertical	PASS
5	2485.744	-20.33	53.16	74.00	20.84	49.78	54.00	4.22	150	4	Vertical	PASS
6	2500	-20.34	38.24	74.00	35.76	36.84	54.00	17.16	150	4	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	36.71	74.00	37.29	33.28	54.00	20.72	150	23	Horizontal	PASS
2	2328.56	-21.10	37.70	74.00	36.30	34.66	54.00	19.34	150	332	Horizontal	PASS
3	2344.08	-20.99	38.76	74.00	35.24	35.86	54.00	18.14	150	153	Horizontal	PASS
4	2358	-20.91	40.45	74.00	33.55	36.31	54.00	17.69	150	323	Horizontal	PASS
5	2384.16	-20.76	42.88	74.00	31.12	37.45	54.00	16.55	150	23	Horizontal	PASS
6	2390	-20.73	39.57	74.00	34.43	36.72	54.00	17.28	150	0	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	38.57	74.00	35.43	37.22	54.00	16.78	150	347	Vertical	PASS
2	2328	-21.10	41.59	74.00	32.41	37.98	54.00	16.02	150	149	Vertical	PASS
3	2344.56	-20.99	41.39	74.00	32.61	36.02	54.00	17.98	150	296	Vertical	PASS
4	2371.28	-20.83	41.65	74.00	32.35	37.19	54.00	16.81	150	296	Vertical	PASS
5	2384.24	-20.76	43.88	74.00	30.12	39.88	54.00	14.12	150	261	Vertical	PASS
6	2390	-20.73	42.84	74.00	31.16	40.76	54.00	13.24	150	146	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	63.70	74.00	10.30	48.25	54.00	5.75	150	145	Horizontal	PASS
2	2484.0775	-20.32	59.21	74.00	14.79	45.46	54.00	8.54	150	145	Horizontal	PASS
3	2484.8035	-20.33	56.34	74.00	17.66	45.66	54.00	8.34	150	200	Horizontal	PASS
4	2485.1005	-20.33	56.71	74.00	17.29	44.79	54.00	9.21	150	209	Horizontal	PASS
5	2485.7605	-20.33	53.55	74.00	20.45	50.46	54.00	3.54	150	241	Horizontal	PASS
6	2500	-20.34	37.90	74.00	36.10	34.49	54.00	19.51	150	327	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	2483.5007	-20.33	51.18	74.00	22.82	49.44	54.00	4.56	143.1	110.4	Vertical	PASS
2	2483.995	-20.32	59.86	74.00	14.14	46.25	54.00	7.75	150	112	Vertical	PASS
3	2484.8031	-20.33	50.03	74.00	23.97	48.87	54.00	5.13	122.2	102.8	Vertical	PASS
4	2485.15	-20.33	56.60	74.00	17.40	45.49	54.00	8.51	150	317	Vertical	PASS
5	2485.7772	-20.33	42.69	74.00	31.31	41.37	54.00	12.63	144.8	111.9	Vertical	PASS
6	2500	-20.34	39.30	74.00	34.70	36.80	54.00	17.20	150	4	Vertical	PASS

Mode:	3DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	39.46	-21.24	74.00	34.54	150	168	Horizontal	PASS
2	2317.84	40.27	-21.18	74.00	33.73	150	299	Horizontal	PASS
3	2337.6	39.61	-21.03	74.00	34.39	150	296	Horizontal	PASS
4	2353.6	39.96	-20.93	74.00	34.04	150	319	Horizontal	PASS
5	2365.12	40.03	-20.87	74.00	33.97	150	40	Horizontal	PASS
6	2390	40.98	-20.73	74.00	33.02	150	302	Horizontal	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	43.47	-21.24	74.00	30.53	150	120	Vertical	PASS
2	2329.28	45.45	-21.10	74.00	28.55	150	117	Vertical	PASS
3	2356.72	43.83	-20.91	74.00	30.17	150	114	Vertical	PASS
4	2378.88	45.74	-20.79	74.00	28.26	150	155	Vertical	PASS
5	2389.68	46.28	-20.73	74.00	27.72	150	87	Vertical	PASS
6	2390	42.73	-20.73	74.00	31.27	150	108	Vertical	PASS

Mode:	3DH5-2480
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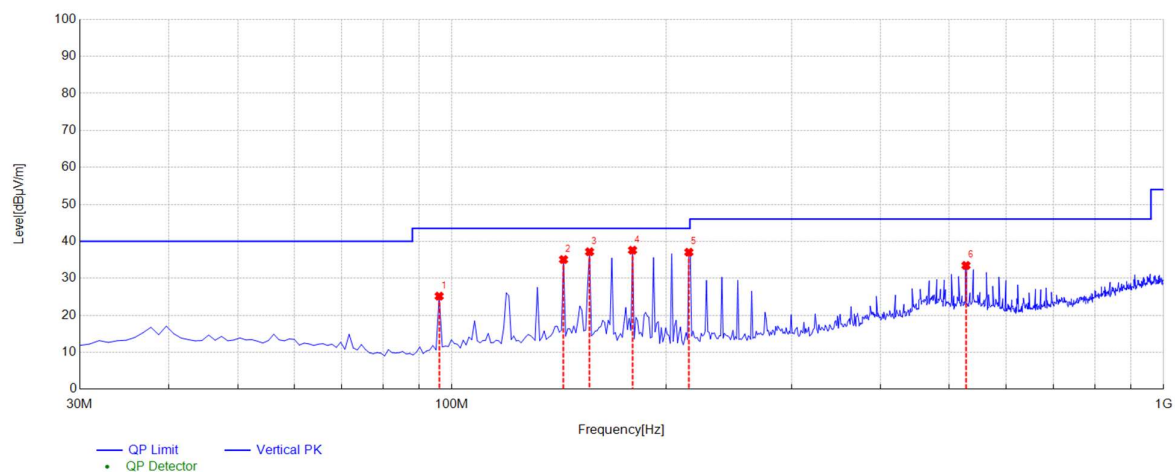
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5001	-20.33	49.23	74.00	24.77	47.57	54.00	6.43	171.6	319.4	Horizontal	PASS
2	2483.6812	-20.33	48.55	74.00	25.45	46.81	54.00	7.19	133.9	315.6	Horizontal	PASS
3	2484.8197	-20.33	51.80	74.00	22.20	48.28	54.00	5.72	133.9	322.3	Horizontal	PASS
4	2485.6617	-20.33	42.21	74.00	31.79	41.32	54.00	12.68	114.9	104.7	Horizontal	PASS
5	2486.5195	-20.33	48.33	74.00	25.67	46.85	54.00	7.15	150	318	Horizontal	PASS
6	2500	-20.34	38.13	74.00	35.87	34.88	54.00	19.12	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	2483.5006	-20.33	53.18	74.00	20.82	44.76	54.00	9.24	118.7	341.8	Vertical	PASS
2	2484.1431	-20.32	50.93	74.00	23.07	49.77	54.00	4.23	137.4	342	Vertical	PASS
3	2485.0017	-20.33	49.97	74.00	24.03	49.03	54.00	4.97	162.1	6.1	Vertical	PASS
4	2485.9088	-20.33	37.80	74.00	36.20	31.22	54.00	22.78	148.6	114.2	Vertical	PASS
5	2486.569	-20.33	49.98	74.00	24.02	47.98	54.00	6.02	150	24	Vertical	PASS
6	2500.0000	-20.34	37.24	74.00	36.76	34.97	54.00	19.03	150	68	Vertical	PASS

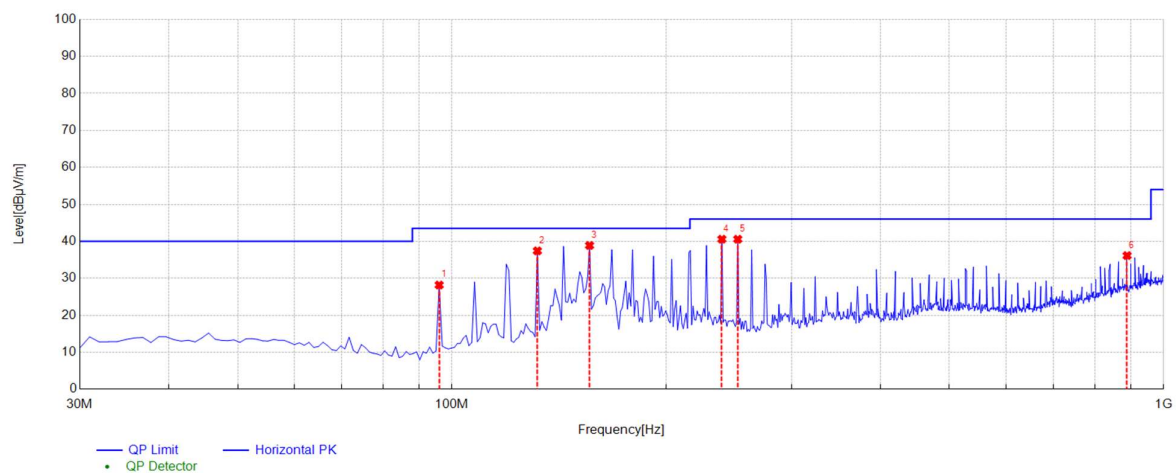
Note:

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	25.18	-19.81	43.50	18.32	100	65	Vertical	PASS
2	143.490	35.08	-16.45	43.50	8.42	100	12	Vertical	PASS
3	156.100	37.18	-16.31	43.50	6.32	100	12	Vertical	PASS
4	179.380	37.60	-18.35	43.50	5.90	100	12	Vertical	PASS
5	215.270	37.06	-18.48	43.50	6.44	100	12	Vertical	PASS
6	527.610	33.48	-10.27	46.00	12.52	100	46	Vertical	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	95.9600	28.19	-19.81	43.50	15.31	100	133	Horizontal	PASS
2	131.850	37.42	-16.92	43.50	6.08	100	146	Horizontal	PASS
3	156.100	38.88	-16.31	43.50	4.62	100	152	Horizontal	PASS
4	239.520	40.58	-17.16	46.00	5.42	100	149	Horizontal	PASS
5	252.130	40.57	-17.24	46.00	5.43	100	133	Horizontal	PASS
6	888.450	36.15	-2.54	46.00	9.85	100	185	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	1214	2.15	39.28	74.00	34.72	33.24	54.00	20.76	150	329	Horizontal	PASS
2	1598	2.19	41.26	74.00	32.74	36.47	54.00	17.53	150	335	Horizontal	PASS
3	4804.5564	-14.82	50.86	74.00	23.14	41.91	54.00	12.09	150	106	Horizontal	PASS
4	7205.6355	-12.34	50.29	74.00	23.71	43.33	54.00	10.67	150	349	Horizontal	PASS
5	9606.7146	-8.42	58.64	74.00	15.36	44.47	54.00	9.53	150	233	Horizontal	PASS
6	14282.9736	-0.91	46.16	74.00	27.84	47.21	54.00	6.79	150	282	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	1132	1.60	41.09	74.00	32.91	32.70	54.00	21.30	150	188	Vertical	PASS
2	1598	2.19	50.07	74.00	23.93	45.62	54.00	8.38	150	55	Vertical	PASS
3	4804.5564	-14.82	51.22	74.00	22.78	42.92	54.00	11.08	150	249	Vertical	PASS
4	7205.6355	-12.34	51.28	74.00	22.72	45.37	54.00	8.63	150	72	Vertical	PASS
5	9606.7146	-8.42	55.98	74.00	18.02	40.83	54.00	13.17	150	152	Vertical	PASS
6	14273.9808	-0.87	45.91	74.00	28.09	41.69	54.00	12.31	150	54	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	1594	2.16	47.68	74.00	26.32	38.61	54.00	15.39	150	127	Horizontal	PASS
2	4266	-16.55	39.94	74.00	34.06	31.64	54.00	22.36	150	159	Horizontal	PASS
3	4881	-14.63	47.97	74.00	26.03	31.52	54.00	22.48	150	202	Horizontal	PASS
4	7323	-11.64	50.94	74.00	23.06	33.37	54.00	20.63	150	337	Horizontal	PASS
5	9765	-7.73	56.86	74.00	17.14	46.50	54.00	7.50	150	211	Horizontal	PASS
6	13368	-2.86	45.53	74.00	28.47	47.58	54.00	6.42	150	129	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	50.86	74.00	23.14	41.69	54.00	12.31	150	37	Vertical	PASS
2	4881	-14.63	49.49	74.00	24.51	32.00	54.00	22.00	150	268	Vertical	PASS
3	6000	-12.27	45.59	74.00	28.41	35.59	54.00	18.41	150	136	Vertical	PASS
4	7323	-11.64	52.72	74.00	21.28	43.96	54.00	10.04	150	66	Vertical	PASS
5	9765	-7.73	58.40	74.00	15.60	48.52	54.00	5.48	150	93	Vertical	PASS
6	14361	-0.86	47.83	74.00	26.17	47.05	54.00	6.95	150	214	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	1258	2.21	39.43	74.00	34.57	33.95	54.00	20.05	150	168	Horizontal	PASS
2	1594	2.16	47.60	74.00	26.40	40.30	54.00	13.70	150	67	Horizontal	PASS
3	4959	-15.23	48.13	74.00	25.87	32.40	54.00	21.60	150	184	Horizontal	PASS
4	7440	-11.61	51.82	74.00	22.18	33.40	54.00	20.60	150	342	Horizontal	PASS
5	9921	-8.42	55.56	74.00	18.44	46.04	54.00	7.96	150	210	Horizontal	PASS
6	14358	-0.82	46.11	74.00	27.89	39.54	54.00	14.46	150	285	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	48.84	74.00	25.16	43.45	54.00	10.55	150	330	Vertical	PASS
2	4959	-15.23	48.43	74.00	25.57	32.46	54.00	21.54	150	294	Vertical	PASS
3	6000	-12.27	46.64	74.00	27.36	34.29	54.00	19.71	150	132	Vertical	PASS
4	7440	-11.61	53.75	74.00	20.25	35.25	54.00	18.75	150	75	Vertical	PASS
5	9921	-8.42	58.58	74.00	15.42	48.50	54.00	5.50	150	110	Vertical	PASS
6	13128	-2.86	46.81	74.00	27.19	46.74	54.00	7.26	150	347	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	47.57	74.00	26.43	40.73	54.00	13.27	150	339	Horizontal	PASS
2	4803	-14.80	49.25	74.00	24.75	31.22	54.00	22.78	150	208	Horizontal	PASS
3	6186	-12.72	42.21	74.00	31.79	32.18	54.00	21.82	150	225	Horizontal	PASS
4	7206	-12.33	48.63	74.00	25.37	32.05	54.00	21.95	150	335	Horizontal	PASS
5	9609	-8.41	58.88	74.00	15.12	48.85	54.00	5.15	150	235	Horizontal	PASS
6	13113	-2.88	45.20	74.00	28.80	43.05	54.00	10.95	150	245	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	49.48	74.00	24.52	42.58	54.00	11.42	150	35	Vertical	PASS
2	4803	-14.80	52.81	74.00	21.19	31.41	54.00	22.59	150	265	Vertical	PASS
3	6000	-12.27	46.31	74.00	27.69	34.08	54.00	19.92	150	128	Vertical	PASS
4	7206	-12.33	49.06	74.00	24.94	33.60	54.00	20.40	150	66	Vertical	PASS
5	9609	-8.41	54.95	74.00	19.05	45.36	54.00	8.64	150	134	Vertical	PASS
6	13545	-2.20	46.17	74.00	27.83	37.96	54.00	16.04	150	125	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	1596	2.18	46.90	74.00	27.10	43.94	54.00	10.06	150	128	Horizontal	PASS
2	4428	-15.78	40.30	74.00	33.70	31.88	54.00	22.12	150	266	Horizontal	PASS
3	4881	-14.63	47.15	74.00	26.85	31.34	54.00	22.66	150	190	Horizontal	PASS
4	7323	-11.64	49.84	74.00	24.16	33.10	54.00	20.90	150	90	Horizontal	PASS
5	9765	-7.73	56.18	74.00	17.82	46.47	54.00	7.53	150	216	Horizontal	PASS
6	14361	-0.86	47.11	74.00	26.89	38.78	54.00	15.22	150	238	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	50.84	74.00	23.16	43.42	54.00	10.58	150	122	Vertical	PASS
2	4212	-16.47	39.04	74.00	34.96	30.48	54.00	23.52	150	253	Vertical	PASS
3	4881	-14.63	49.51	74.00	24.49	30.90	54.00	23.10	150	57	Vertical	PASS
4	6000	-12.27	44.98	74.00	29.02	34.14	54.00	19.86	150	130	Vertical	PASS
5	7323	-11.64	51.99	74.00	22.01	34.04	54.00	19.96	150	115	Vertical	PASS
6	9765	-7.73	58.34	74.00	15.66	48.17	54.00	5.83	150	94	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	1596	2.18	46.16	74.00	27.84	36.63	54.00	17.37	150	123	Horizontal	PASS
2	3957	-17.17	39.21	74.00	34.79	31.66	54.00	22.34	150	75	Horizontal	PASS
3	4959	-15.23	46.12	74.00	27.88	32.69	54.00	21.31	150	188	Horizontal	PASS
4	7440	-11.61	44.75	74.00	29.25	32.48	54.00	21.52	150	281	Horizontal	PASS
5	9921	-8.42	55.77	74.00	18.23	45.33	54.00	8.67	150	208	Horizontal	PASS
6	13107	-2.88	46.16	74.00	27.84	37.01	54.00	16.99	150	143	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	47.41	74.00	26.59	42.61	54.00	11.39	150	274	Vertical	PASS
2	4110	-16.74	39.31	74.00	34.69	31.16	54.00	22.84	150	342	Vertical	PASS
3	4959	-15.23	51.34	74.00	22.66	32.86	54.00	21.14	150	263	Vertical	PASS
4	6000	-12.27	46.45	74.00	27.55	35.69	54.00	18.31	150	132	Vertical	PASS
5	7440	-11.61	51.30	74.00	22.70	33.66	54.00	20.34	150	73	Vertical	PASS
6	9921	-8.42	58.05	74.00	15.95	48.05	54.00	5.95	150	97	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	1600	2.21	45.89	74.00	28.11	40.82	54.00	13.18	150	107	Horizontal	PASS
2	4294.964	-16.30	40.49	74.00	33.51	31.84	54.00	22.16	150	342	Horizontal	PASS
3	4804.5564	-14.82	46.49	74.00	27.51	39.24	54.00	14.76	150	259	Horizontal	PASS
4	7205.6355	-12.34	48.81	74.00	25.19	43.44	54.00	10.56	150	23	Horizontal	PASS
5	9606.7146	-8.42	57.70	74.00	16.30	33.80	54.00	20.20	150	227	Horizontal	PASS
6	13362.7098	-2.86	45.73	74.00	28.27	36.85	54.00	17.15	150	23	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	49.60	74.00	24.40	42.33	54.00	11.67	150	329	Vertical	PASS
2	4804.5564	-14.82	46.80	74.00	27.20	37.73	54.00	16.27	150	337	Vertical	PASS
3	6000.5995	-12.28	46.75	74.00	27.25	36.82	54.00	17.18	150	123	Vertical	PASS
4	7205.6355	-12.34	51.01	74.00	22.99	43.06	54.00	10.94	150	348	Vertical	PASS
5	9606.7146	-8.42	57.16	74.00	16.84	34.47	54.00	19.53	150	233	Vertical	PASS
6	12730.2158	-3.67	46.56	74.00	27.44	36.43	54.00	17.57	150	344	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	45.73	74.00	28.27	39.79	54.00	14.21	150	112	Horizontal	PASS
2	4023	-16.63	39.79	74.00	34.21	31.00	54.00	23.00	150	154	Horizontal	PASS
3	4881	-14.63	45.21	74.00	28.79	31.56	54.00	22.44	150	291	Horizontal	PASS
4	7323	-11.64	47.25	74.00	26.75	33.33	54.00	20.67	150	111	Horizontal	PASS
5	9765	-7.73	56.00	74.00	18.00	45.65	54.00	8.35	150	224	Horizontal	PASS
6	14370	-0.98	46.92	74.00	27.08	38.44	54.00	15.56	150	343	Horizontal	PASS

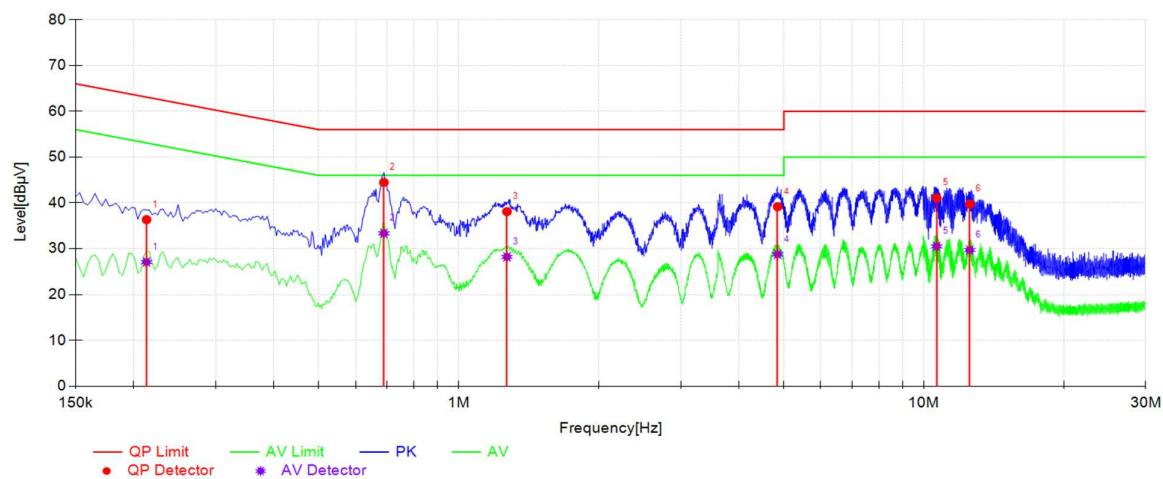
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1600	2.21	50.51	74.00	23.49	43.50	54.00	10.50	150	330	Vertical	PASS
2	4881	-14.63	46.15	74.00	27.85	33.32	54.00	20.68	150	205	Vertical	PASS
3	6000	-12.27	46.74	74.00	27.26	34.27	54.00	19.73	150	119	Vertical	PASS
4	7323	-11.64	50.75	74.00	23.25	33.87	54.00	20.13	150	33	Vertical	PASS
5	9765	-7.73	55.91	74.00	18.09	46.18	54.00	7.82	150	231	Vertical	PASS
6	13275	-2.94	46.51	74.00	27.49	37.66	54.00	16.34	150	286	Vertical	PASS

Mode:	3DH5-2480
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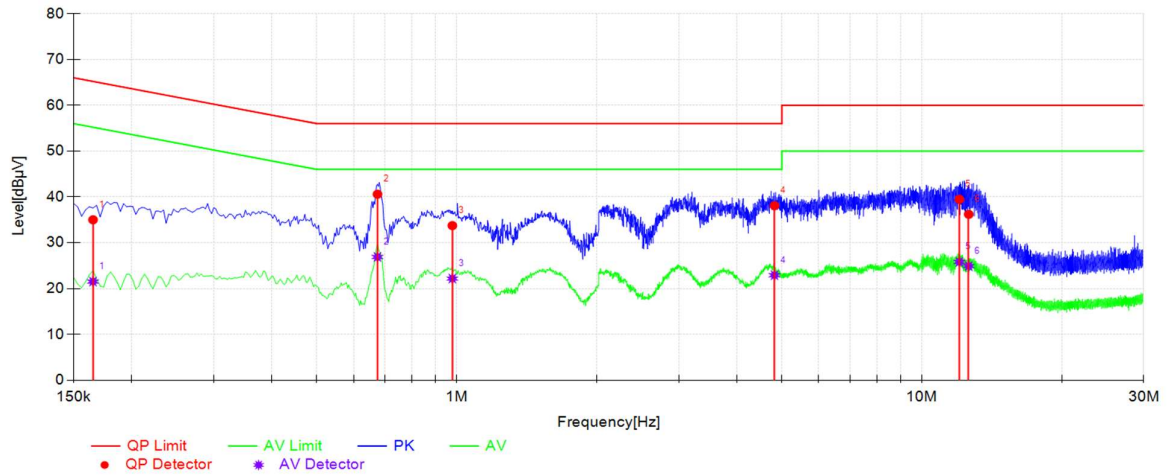
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1598	2.19	43.76	74.00	30.24	40.00	54.00	14.00	150	118	Horizontal	PASS
2	3717	-17.55	39.28	74.00	34.72	30.93	54.00	23.07	150	10	Horizontal	PASS
3	4959	-15.23	50.85	74.00	23.15	32.31	54.00	21.69	150	287	Horizontal	PASS
4	7440	-11.61	47.05	74.00	26.95	33.89	54.00	20.11	150	18	Horizontal	PASS
5	9921	-8.42	56.11	74.00	17.89	45.31	54.00	8.69	150	222	Horizontal	PASS
6	14400	-1.39	46.42	74.00	27.58	38.58	54.00	15.42	150	270	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	49.89	74.00	24.11	45.96	54.00	8.04	150	106	Vertical	PASS
2	4959	-15.23	47.15	74.00	26.85	32.82	54.00	21.18	150	206	Vertical	PASS
3	6000	-12.27	46.60	74.00	27.40	34.72	54.00	19.28	150	151	Vertical	PASS
4	7440	-11.61	49.47	74.00	24.53	34.19	54.00	19.81	150	358	Vertical	PASS
5	9921	-8.42	56.10	74.00	17.90	45.72	54.00	8.28	150	228	Vertical	PASS
6	13197	-2.26	46.41	74.00	27.59	37.73	54.00	16.27	150	244	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	0.213	11.65	36.36	63.09	26.73	27.10	53.09	25.99	L1	PASS
2	0.69	11.66	44.49	56.00	11.51	33.36	46.00	12.64	L1	PASS
3	1.269	11.66	38.11	56.00	17.89	28.23	46.00	17.77	L1	PASS
4	4.848	11.74	39.19	56.00	16.81	28.79	46.00	17.21	L1	PASS
5	10.654	11.87	41.10	60.00	18.90	30.53	50.00	19.47	L1	PASS
6	12.553	11.91	39.74	60.00	20.26	29.74	50.00	20.26	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	0.165	11.65	35.02	65.21	30.19	21.53	55.21	33.68	N	PASS
2	0.675	11.66	40.60	56.00	15.40	26.90	46.00	19.10	N	PASS
3	0.978	11.66	33.75	56.00	22.25	22.19	46.00	23.81	N	PASS
4	4.821	11.81	38.09	56.00	17.91	22.92	46.00	23.08	N	PASS
5	12.043	11.90	39.49	60.00	20.51	25.82	50.00	24.18	N	PASS
6	12.613	11.91	36.21	60.00	23.79	24.91	50.00	25.09	N	PASS