

Appendix B: Test Results of 2.4GHz Wi-Fi

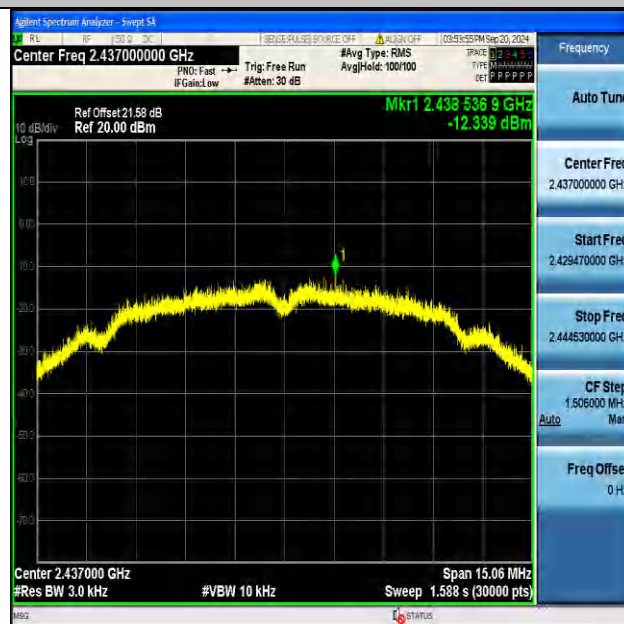
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Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.15	≤8.00	PASS
11B	Ant1	2437	-12.34	≤8.00	PASS
11B	Ant1	2462	-12.41	≤8.00	PASS
11G	Ant1	2412	-7.92	≤8.00	PASS
11G	Ant1	2437	-7.77	≤8.00	PASS
11G	Ant1	2462	-7.89	≤8.00	PASS
11N20SISO	Ant1	2412	-8.91	≤8.00	PASS
11N20SISO	Ant1	2437	-8.66	≤8.00	PASS
11N20SISO	Ant1	2462	-9.00	≤8.00	PASS
11N40SISO	Ant1	2422	-12.43	≤8.00	PASS
11N40SISO	Ant1	2437	-12.25	≤8.00	PASS
11N40SISO	Ant1	2452	-12.38	≤8.00	PASS



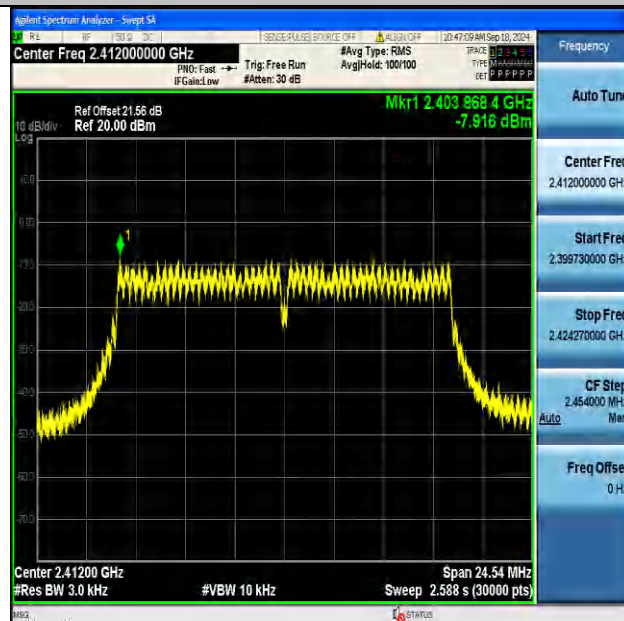
11B-Ant1-2412-PASS



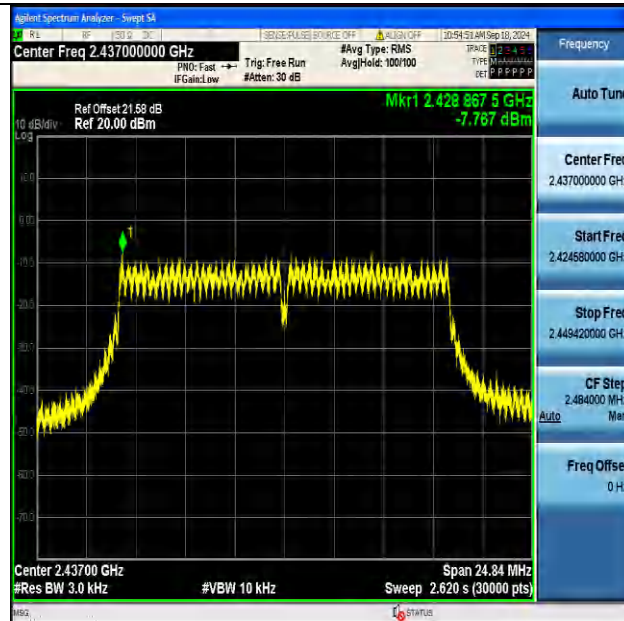
11B-Ant1-2437-PASS



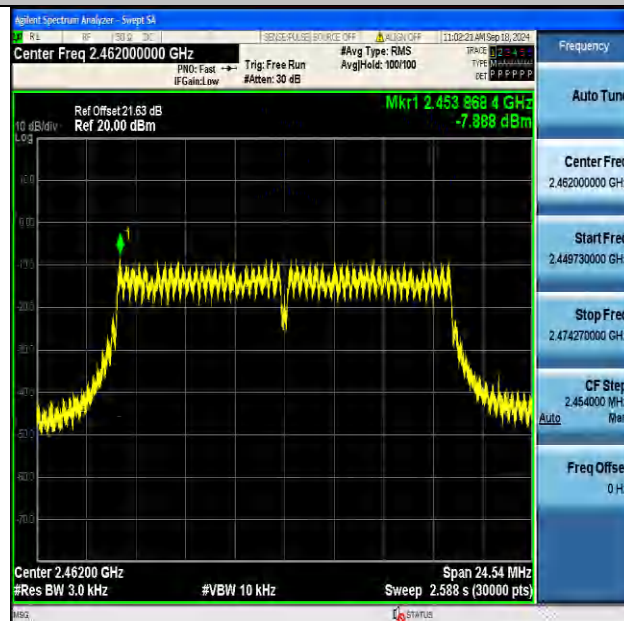
11B-Ant1-2462-PASS



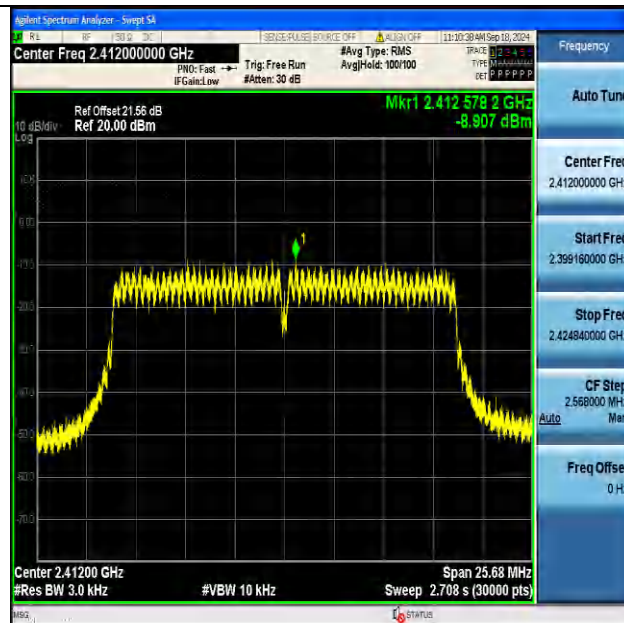
11G-Ant1-2412-PASS



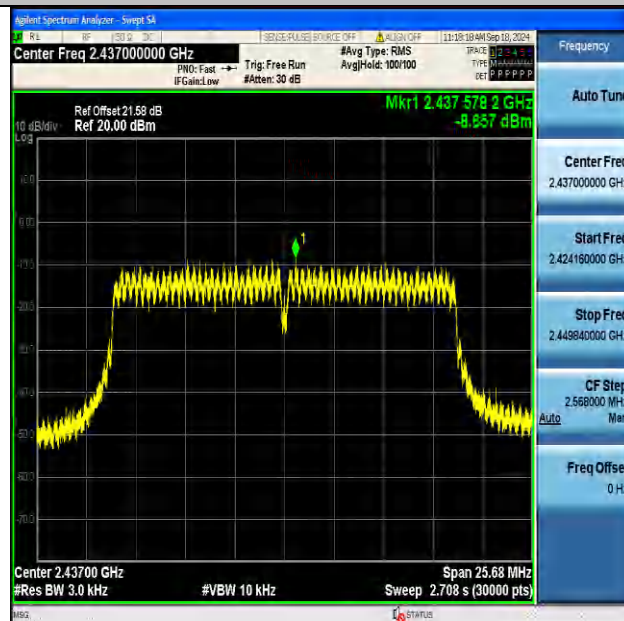
11G-Ant1-2437-PASS



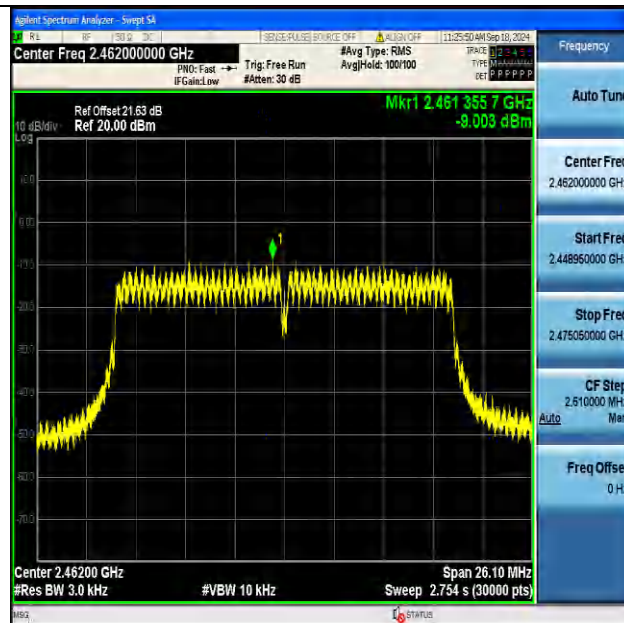
11G-Ant1-2462-PASS



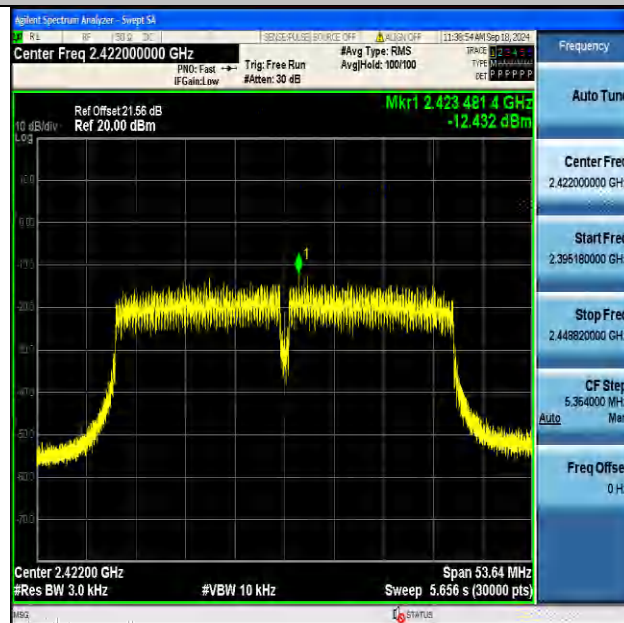
11N20SISO-Ant1-2412-PASS



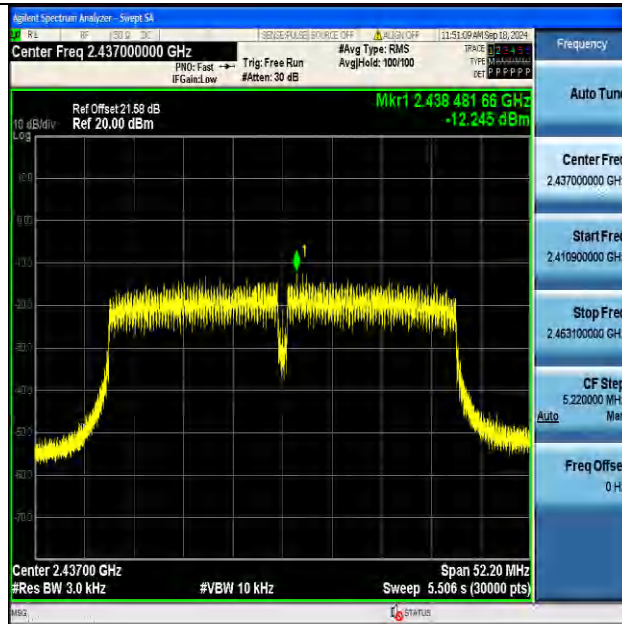
11N20SISO-Ant1-2437-PASS



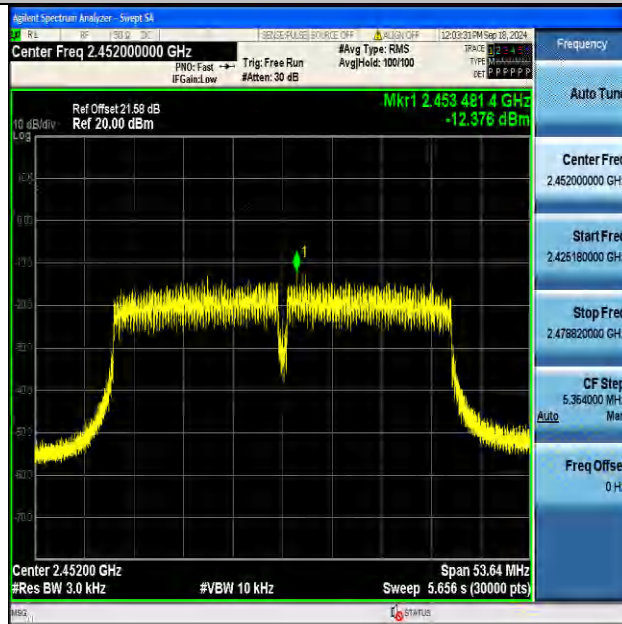
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

Appendix B.2: Test Results of 6dB Bandwidth

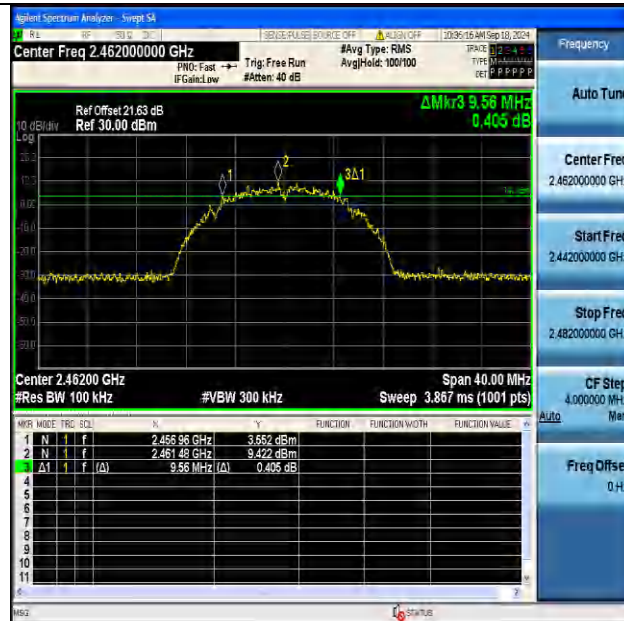
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.240	0.5	PASS
11B	Ant1	2437	10.040	0.5	PASS
11B	Ant1	2462	9.560	0.5	PASS
11G	Ant1	2412	16.360	0.5	PASS
11G	Ant1	2437	16.560	0.5	PASS
11G	Ant1	2462	16.360	0.5	PASS
11N20SISO	Ant1	2412	17.120	0.5	PASS
11N20SISO	Ant1	2437	17.120	0.5	PASS
11N20SISO	Ant1	2462	17.400	0.5	PASS
11N40SISO	Ant1	2422	35.760	0.5	PASS
11N40SISO	Ant1	2437	34.800	0.5	PASS
11N40SISO	Ant1	2452	35.760	0.5	PASS



11B-Ant1-2412-PASS



11B-Ant1-2437-PASS



11B-Ant1-2462-PASS



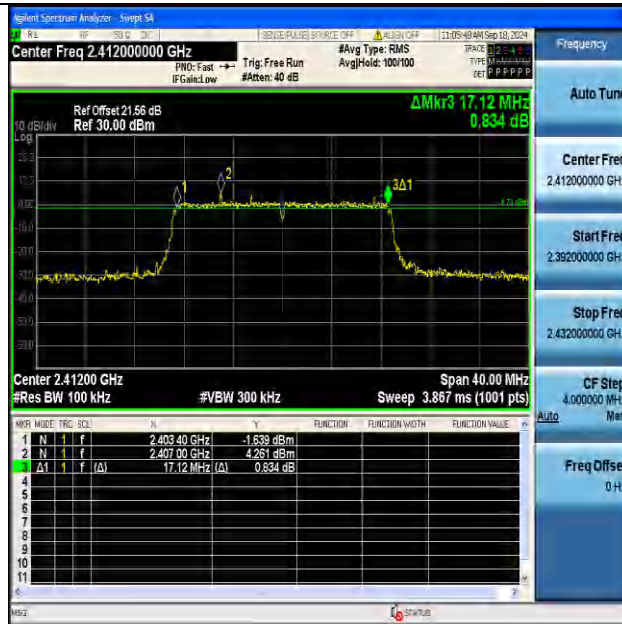
11G-Ant1-2412-PASS



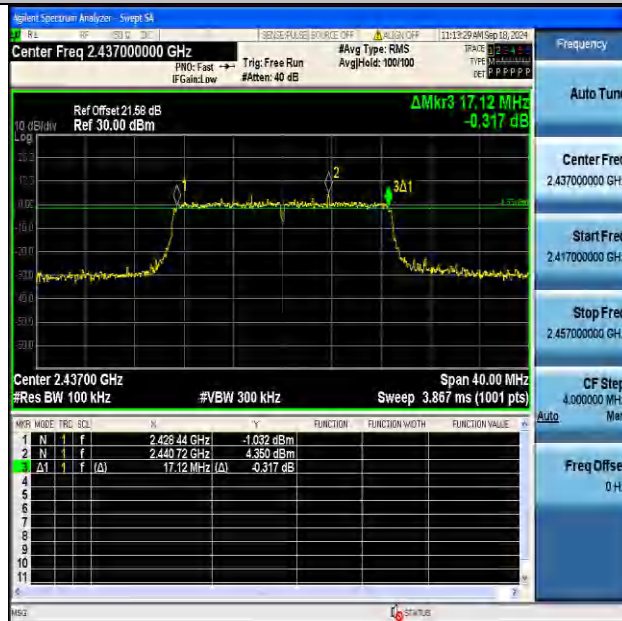
11G-Ant1-2437-PASS



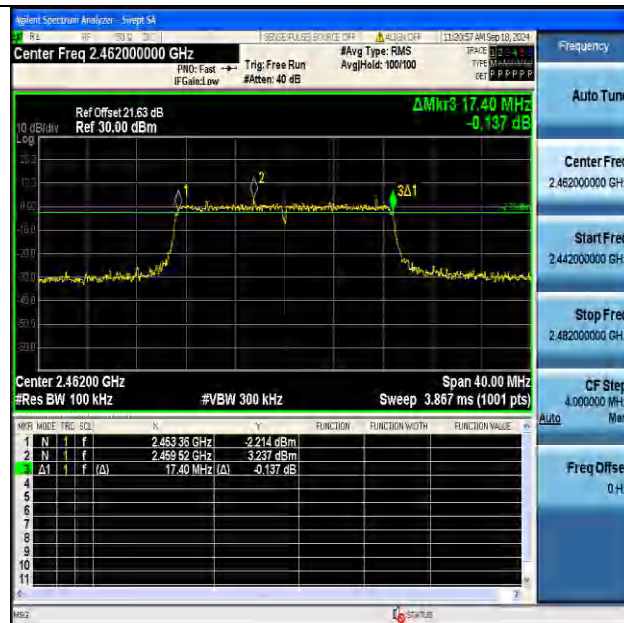
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



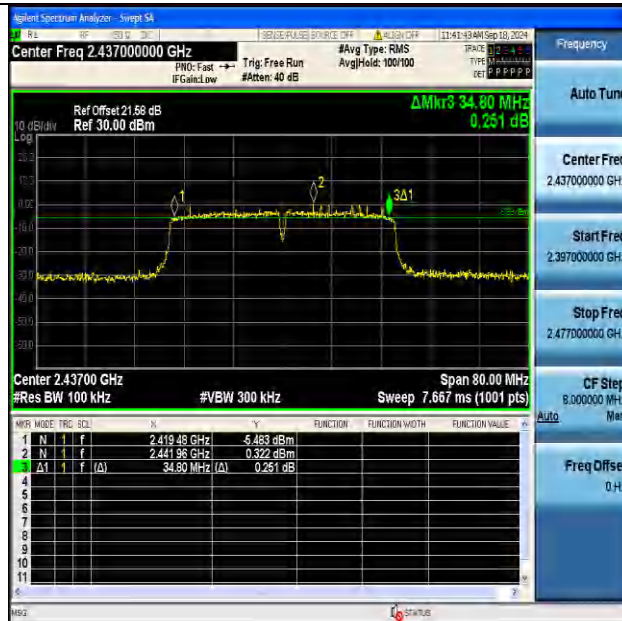
11N20SISO-Ant1-2437-PASS



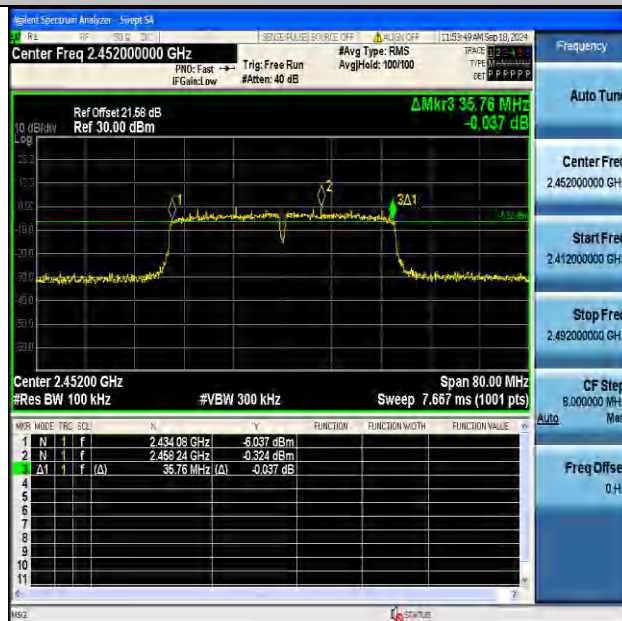
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



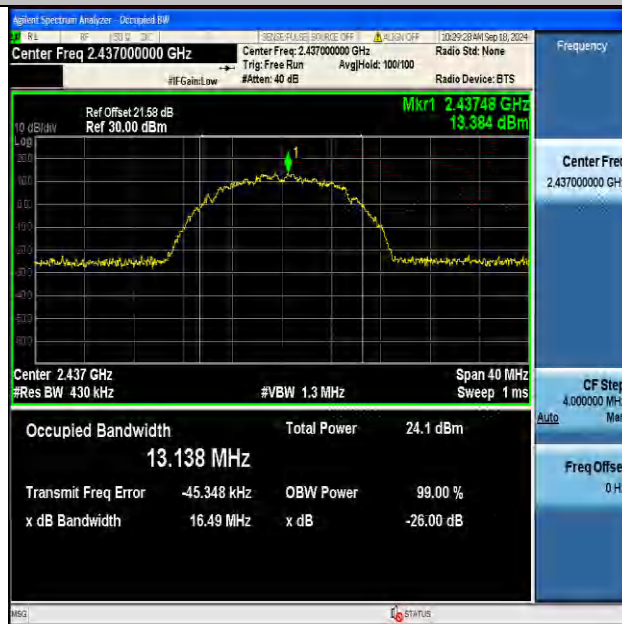
11N40SISO-Ant1-2452-PASS

Appendix B.3: Test Results of 99% Bandwidth

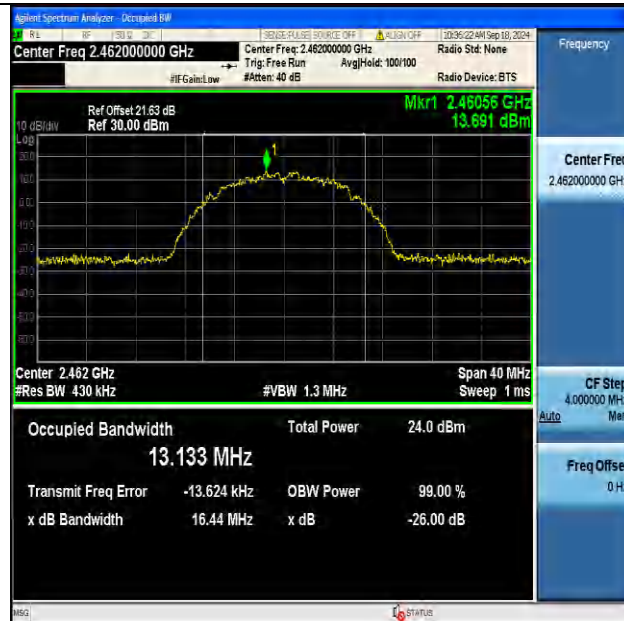
TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.128	2405.3896	2418.5176	Within assigned band 2400-2483.5MHz	PASS
11B	Ant1	2437	13.138	2430.3857	2443.5237		PASS
11B	Ant1	2462	13.133	2455.4199	2468.5529		PASS
11G	Ant1	2412	16.926	2403.5224	2420.4484		PASS
11G	Ant1	2437	16.936	2428.5575	2445.4935		PASS
11G	Ant1	2462	16.918	2453.5414	2470.4594		PASS
11N20SISO	Ant1	2412	17.621	2403.1932	2420.8142		PASS
11N20SISO	Ant1	2437	17.656	2428.1926	2445.8486		PASS
11N20SISO	Ant1	2462	17.658	2453.1668	2470.8248		PASS
11N40SISO	Ant1	2422	36.443	2403.8026	2440.2456		PASS
11N40SISO	Ant1	2437	36.374	2418.8681	2455.2421		PASS
11N40SISO	Ant1	2452	36.365	2433.8862	2470.2512		PASS



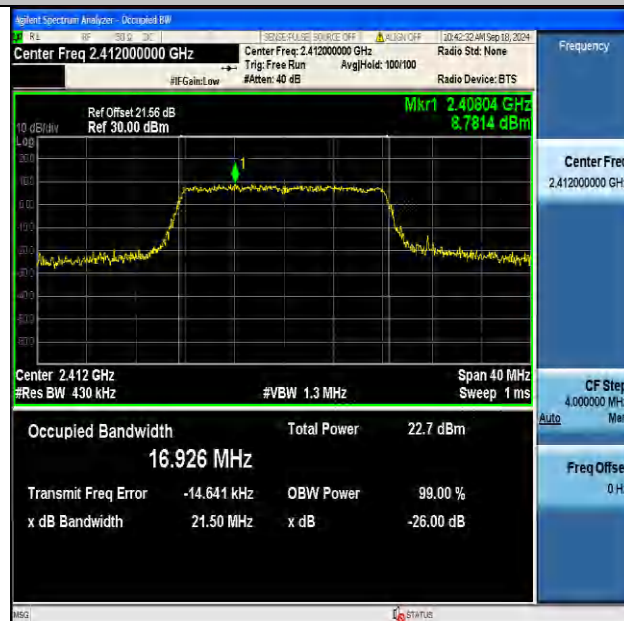
11B-Ant1-2412



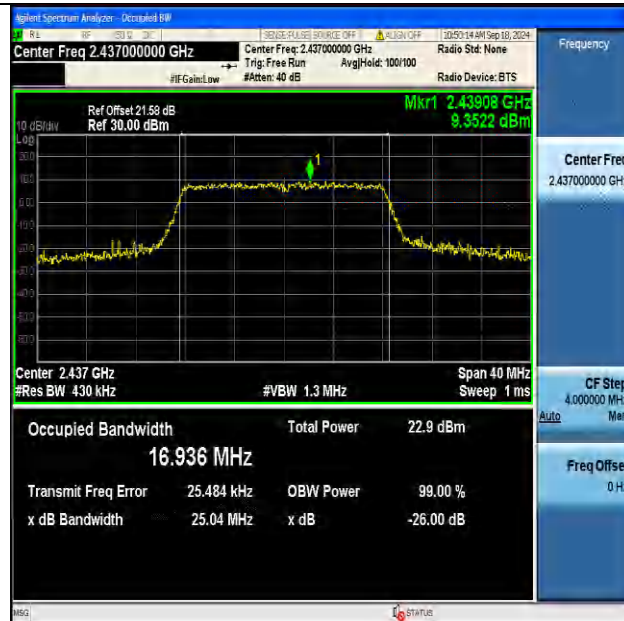
11B-Ant1-2437



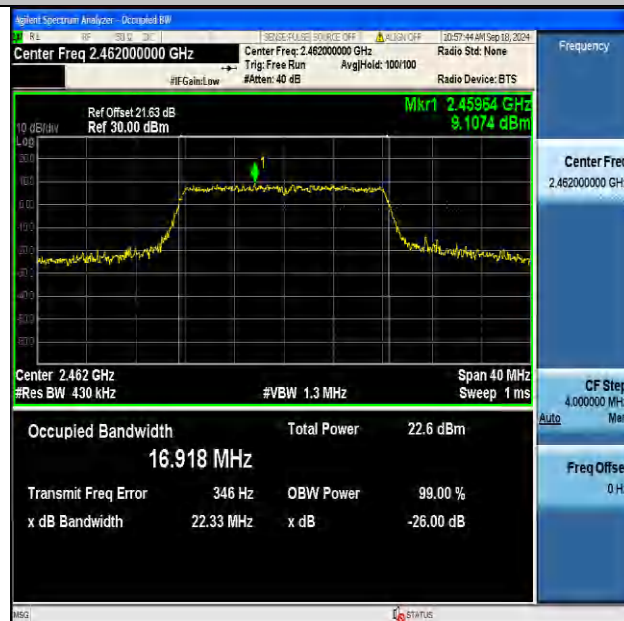
11B-Ant1-2462



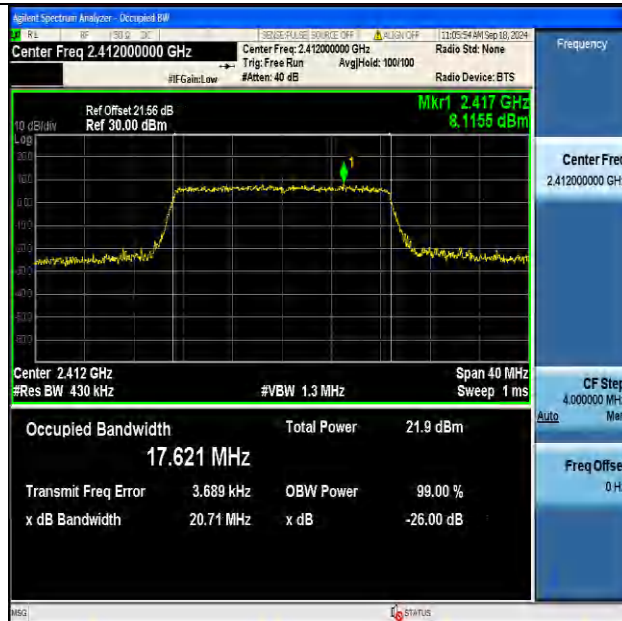
11G-Ant1-2412



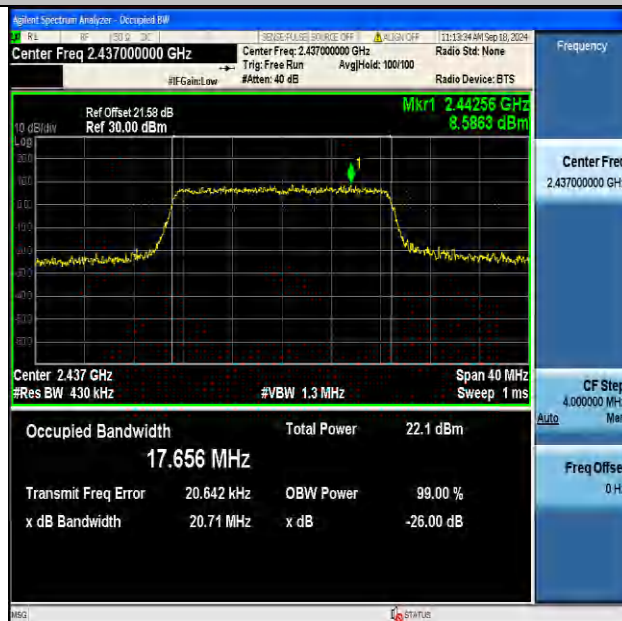
11G-Ant1-2437



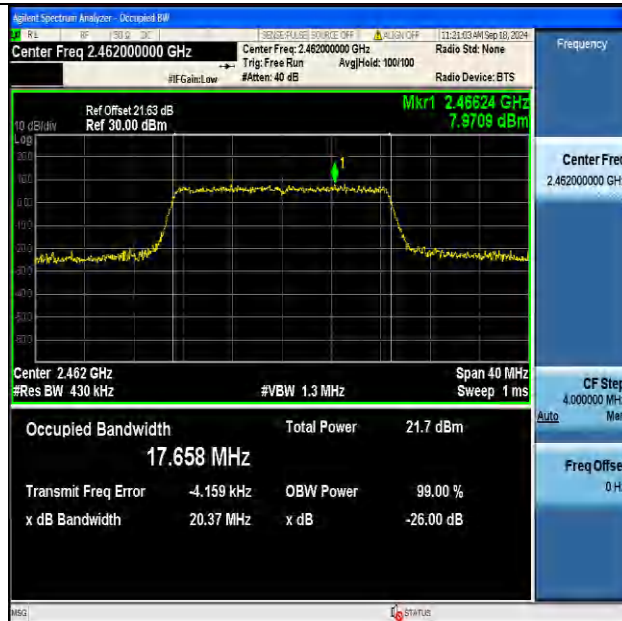
11G-Ant1-2462



11N20SISO-Ant1-2412



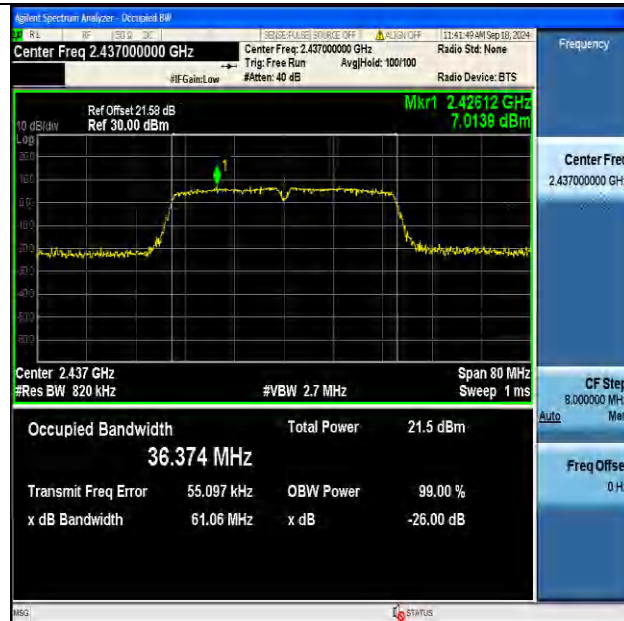
11N20SISO-Ant1-2437



11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

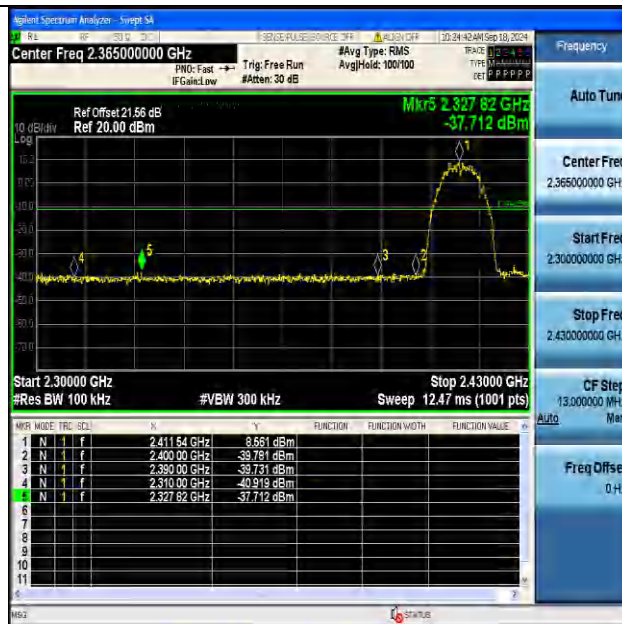


11N40SISO-Ant1-2452

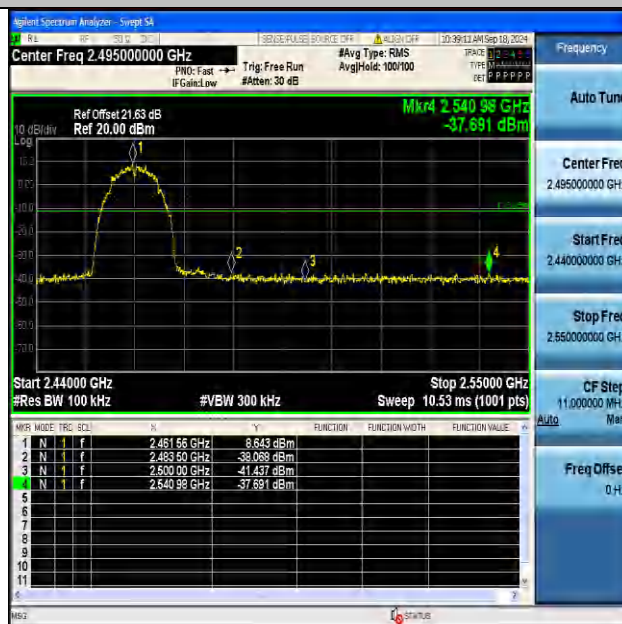
Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

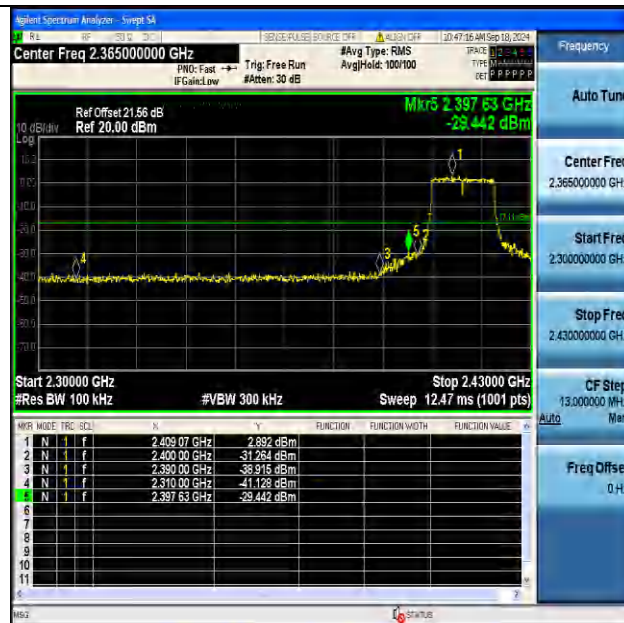
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.56	-37.71	≤-11.44	PASS
11B	Ant1	High	2462	8.64	-37.69	≤-11.36	PASS
11G	Ant1	Low	2412	2.89	-29.44	≤-17.11	PASS
11G	Ant1	High	2462	5.08	-34.59	≤-14.92	PASS
11N20SISO	Ant1	Low	2412	3.95	-33.45	≤-16.05	PASS
11N20SISO	Ant1	High	2462	2.66	-36.11	≤-17.34	PASS
11N40SISO	Ant1	Low	2422	-0.01	-36	≤-20.01	PASS
11N40SISO	Ant1	High	2452	0.17	-35.15	≤-19.83	PASS



11B-Ant1-2412-PASS



11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



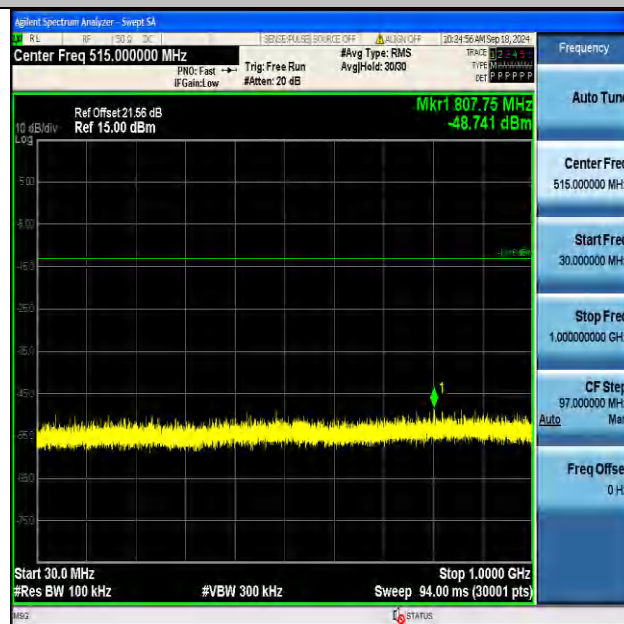
11N40SISO-Ant1-2452-PASS

Conducted Spurious Emission

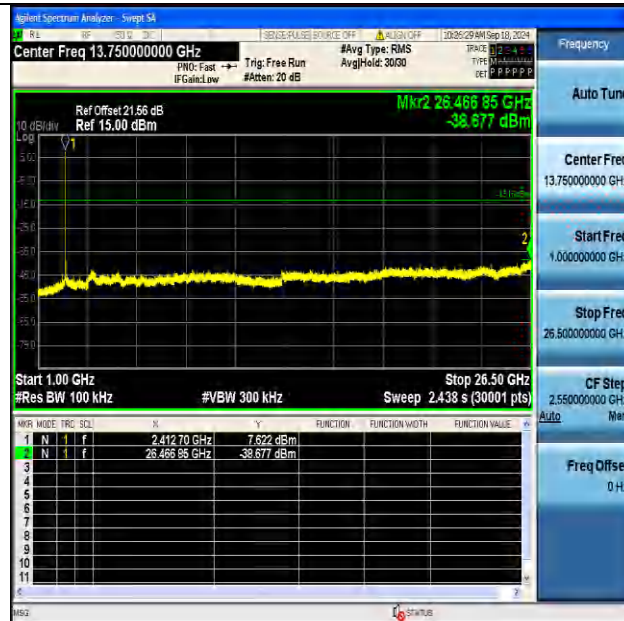
TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.84	6.84	---	PASS
11B	Ant1	2412	30~1000	6.84	-48.74	≤-13.16	PASS
11B	Ant1	2412	1000~26500	6.84	-38.68	≤-13.16	PASS
11B	Ant1	2437	0~Reference	7.75	7.75	---	PASS
11B	Ant1	2437	30~1000	7.75	-49.02	≤-12.25	PASS
11B	Ant1	2437	1000~26500	7.75	-38.48	≤-12.25	PASS
11B	Ant1	2462	0~Reference	7.16	7.16	---	PASS
11B	Ant1	2462	30~1000	7.16	-48.52	≤-12.84	PASS
11B	Ant1	2462	1000~26500	7.16	-38	≤-12.84	PASS
11G	Ant1	2412	0~Reference	2.91	2.91	---	PASS
11G	Ant1	2412	30~1000	2.91	-48.6	≤-17.09	PASS
11G	Ant1	2412	1000~26500	2.91	-38.46	≤-17.09	PASS
11G	Ant1	2437	0~Reference	1.96	1.96	---	PASS
11G	Ant1	2437	30~1000	1.96	-48.76	≤-18.04	PASS
11G	Ant1	2437	1000~26500	1.96	-38.52	≤-18.04	PASS
11G	Ant1	2462	0~Reference	2.02	2.02	---	PASS
11G	Ant1	2462	30~1000	2.02	-49.06	≤-17.98	PASS
11G	Ant1	2462	1000~26500	2.02	-38.24	≤-17.98	PASS
11N20SISO	Ant1	2412	0~Reference	1.27	1.27	---	PASS
11N20SISO	Ant1	2412	30~1000	1.27	-48.77	≤-18.73	PASS
11N20SISO	Ant1	2412	1000~26500	1.27	-39.05	≤-18.73	PASS
11N20SISO	Ant1	2437	0~Reference	0.86	0.86	---	PASS
11N20SISO	Ant1	2437	30~1000	0.86	-48.9	≤-19.14	PASS
11N20SISO	Ant1	2437	1000~26500	0.86	-39.02	≤-19.14	PASS
11N20SISO	Ant1	2462	0~Reference	0.33	0.33	---	PASS
11N20SISO	Ant1	2462	30~1000	0.33	-49.16	≤-19.67	PASS
11N20SISO	Ant1	2462	1000~26500	0.33	-38.77	≤-19.67	PASS
11N40SISO	Ant1	2422	0~Reference	-1.74	-1.74	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.74	-47.72	≤-21.74	PASS
11N40SISO	Ant1	2422	1000~26500	-1.74	-38.67	≤-21.74	PASS
11N40SISO	Ant1	2437	0~Reference	-0.55	-0.55	---	PASS
11N40SISO	Ant1	2437	30~1000	-0.55	-46.63	≤-20.55	PASS
11N40SISO	Ant1	2437	1000~26500	-0.55	-38.63	≤-20.55	PASS
11N40SISO	Ant1	2452	0~Reference	-1.92	-1.92	---	PASS
11N40SISO	Ant1	2452	30~1000	-1.92	-47.53	≤-21.92	PASS
11N40SISO	Ant1	2452	1000~26500	-1.92	-38.54	≤-21.92	PASS



11B-Ant1-2412-0-Reference-PASS



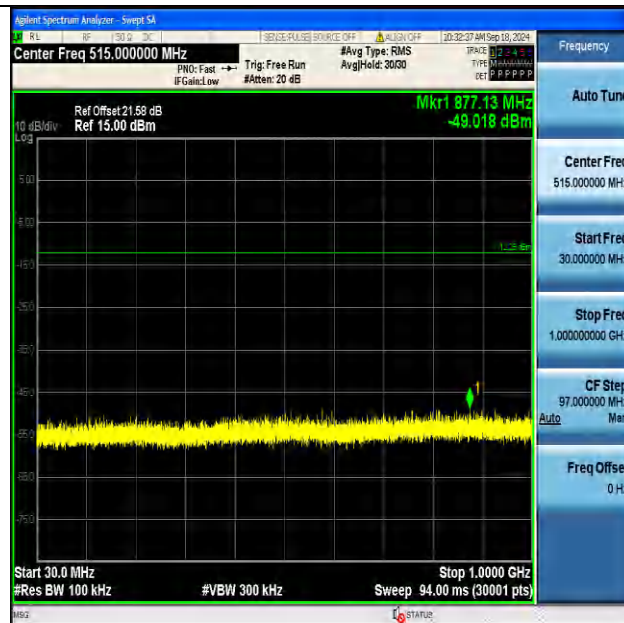
11B-Ant1-2412-30-1000-PASS



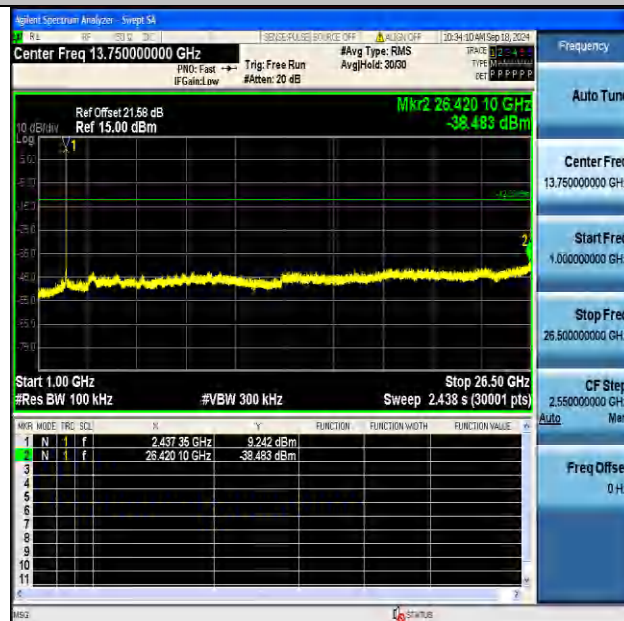
11B-Ant1-2412-1000-26500-PASS



11B-Ant1-2437-0-Reference-PASS



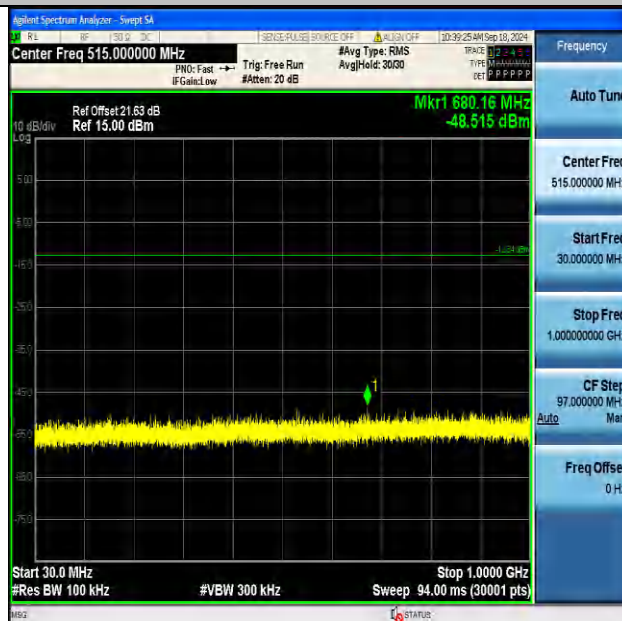
11B-Ant1-2437-30~1000-PASS



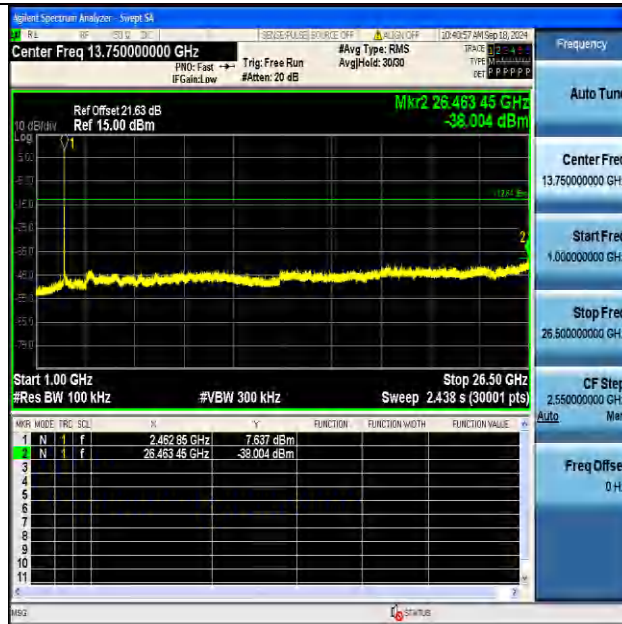
11B-Ant1-2437-1000~26500-PASS



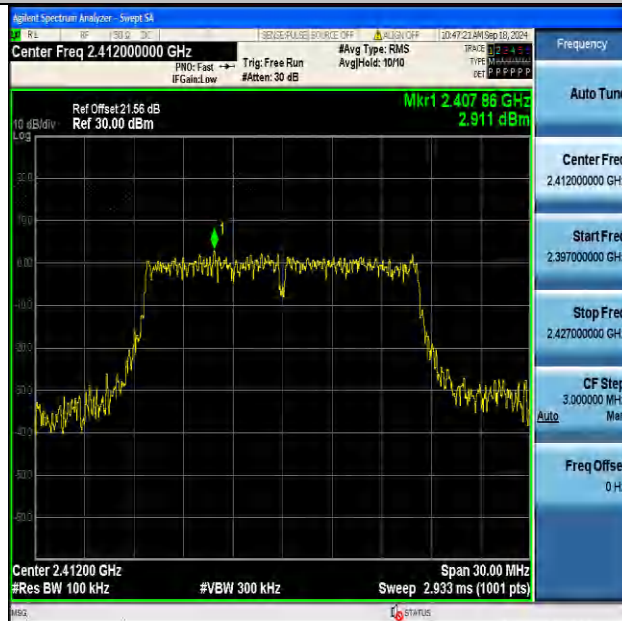
11B-Ant1-2462-0-Reference-PASS



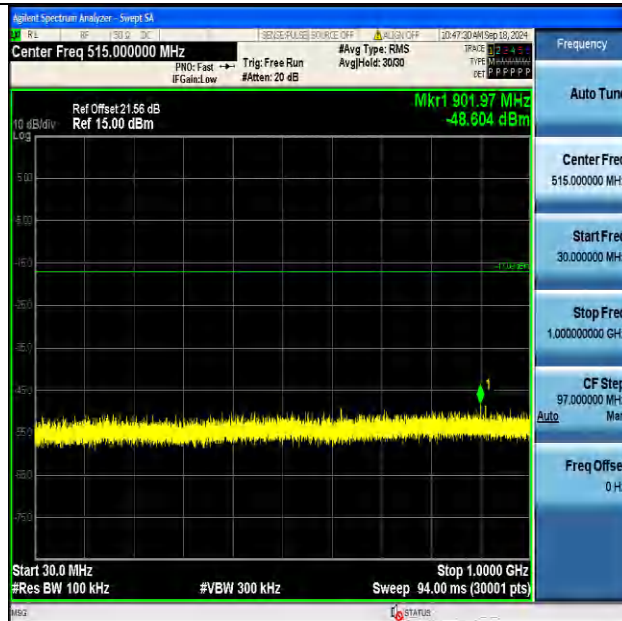
11B-Ant1-2462-30-1000-PASS



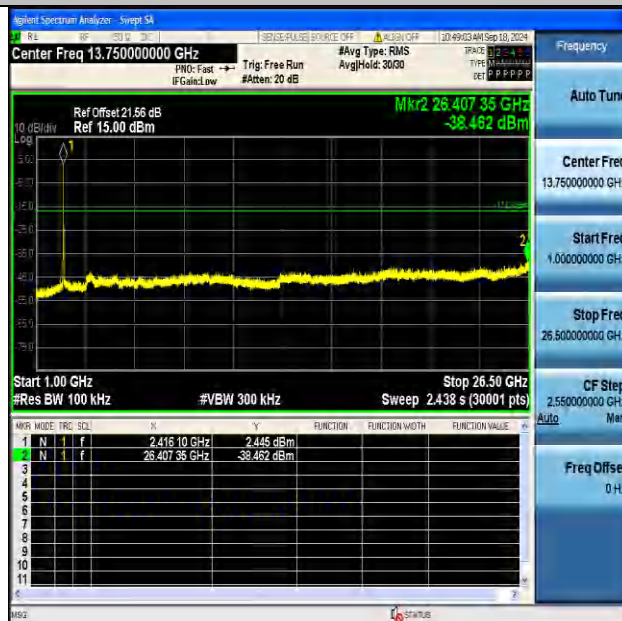
11B-Ant1-2462-1000~26500-PASS



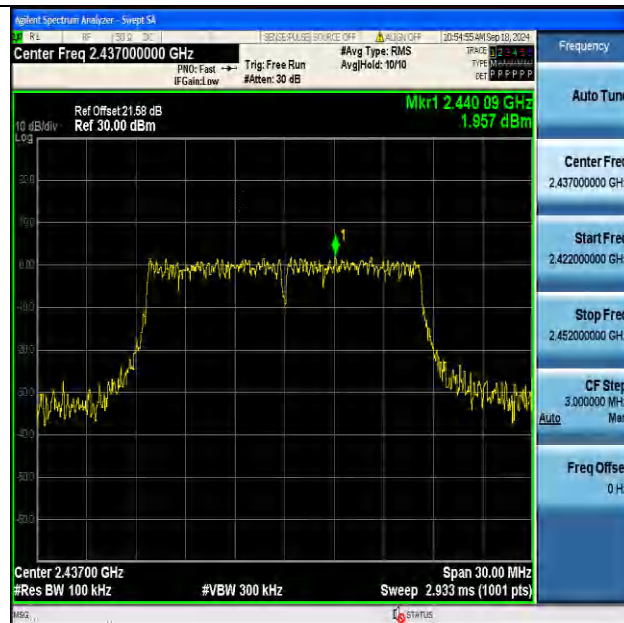
11G-Ant1-2412-0~Reference-PASS



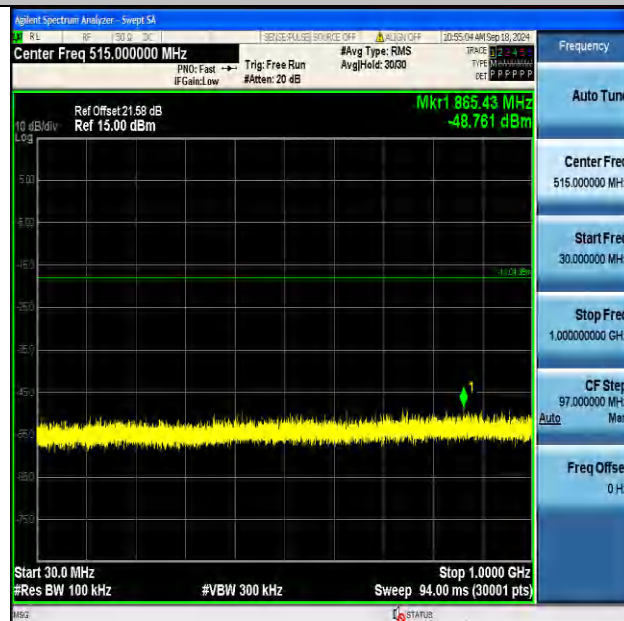
11G-Ant1-2412-30~1000-PASS



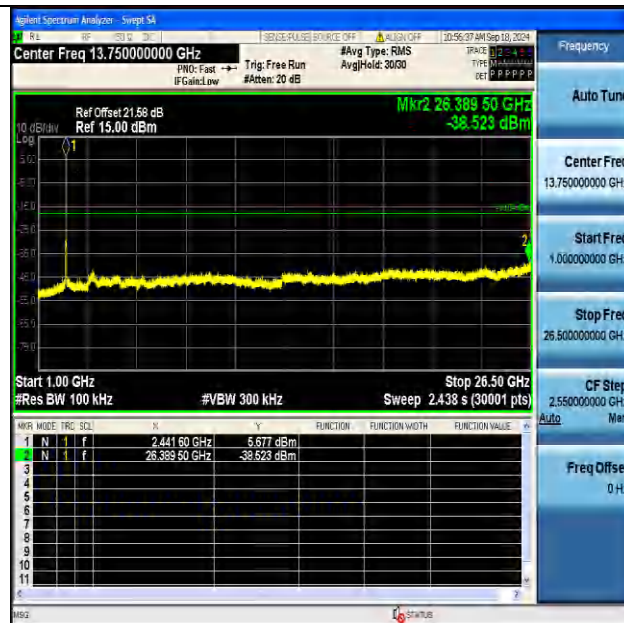
11G-Ant1-2412-1000~26500-PASS



11G-Ant1-2437-0-Reference-PASS



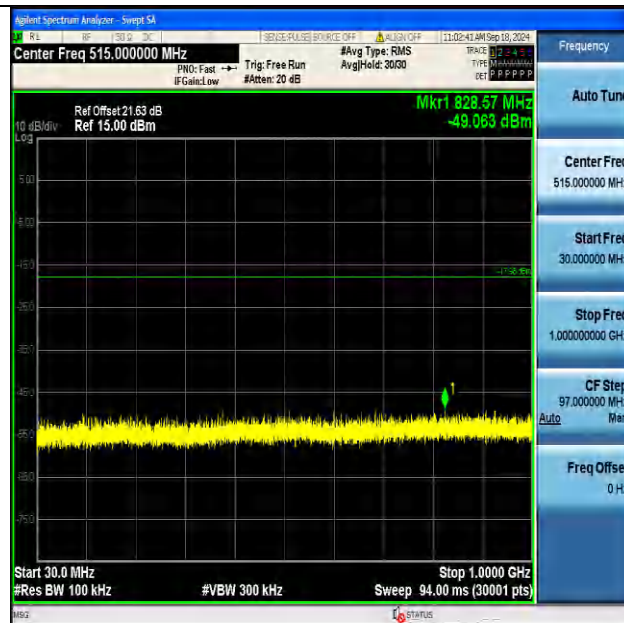
11G-Ant1-2437-30~1000-PASS



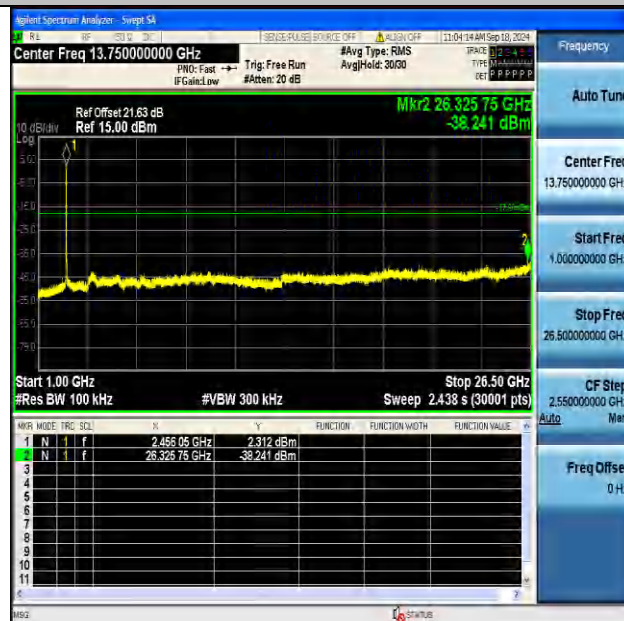
11G-Ant1-2437-1000-26500-PASS



11G-Ant1-2462-0-Reference-PASS



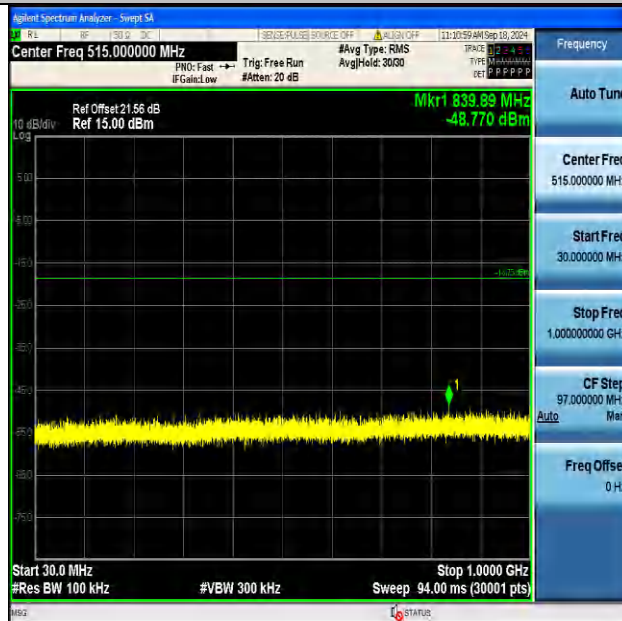
11G-Ant1-2462-30~1000-PASS



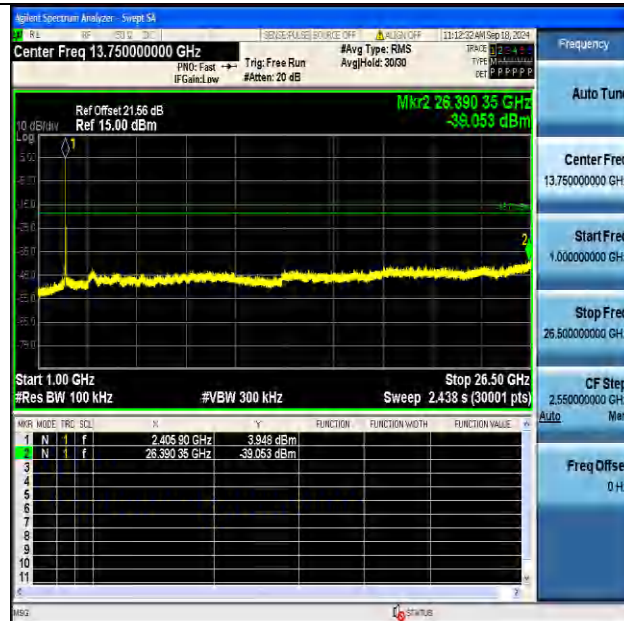
11G-Ant1-2462-1000~26500-PASS



11N20SISO-Ant1-2412-0-Reference-PASS



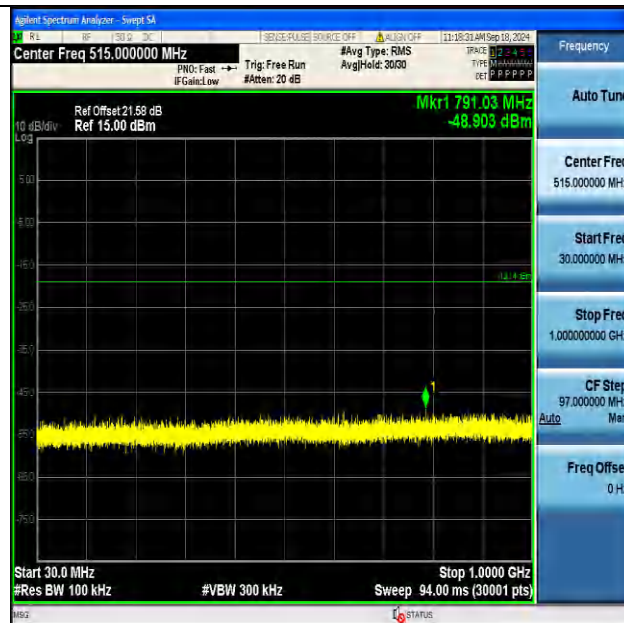
11N20SISO-Ant1-2412-30-1000-PASS



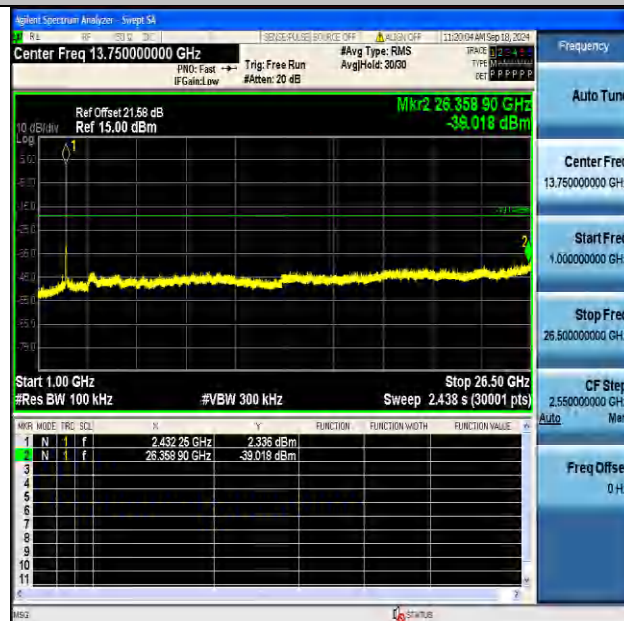
11N20SISO-Ant1-2412-1000-26500-PASS



11N20SISO-Ant1-2437-0-Reference-PASS



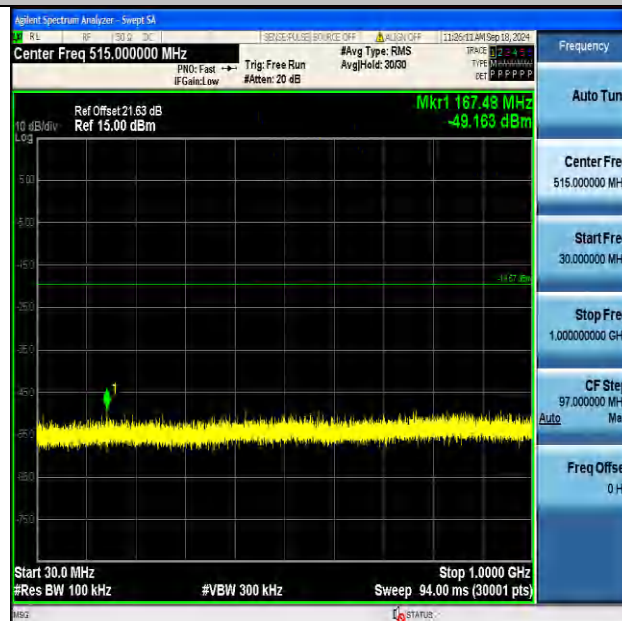
11N20SISO-Ant1-2437-30~1000-PASS



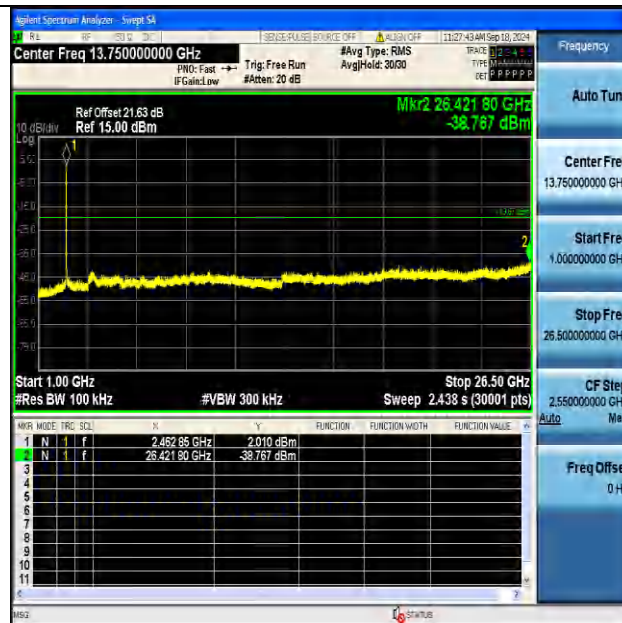
11N20SISO-Ant1-2437-1000~26500-PASS



11N20SISO-Ant1-2462-0-Reference-PASS



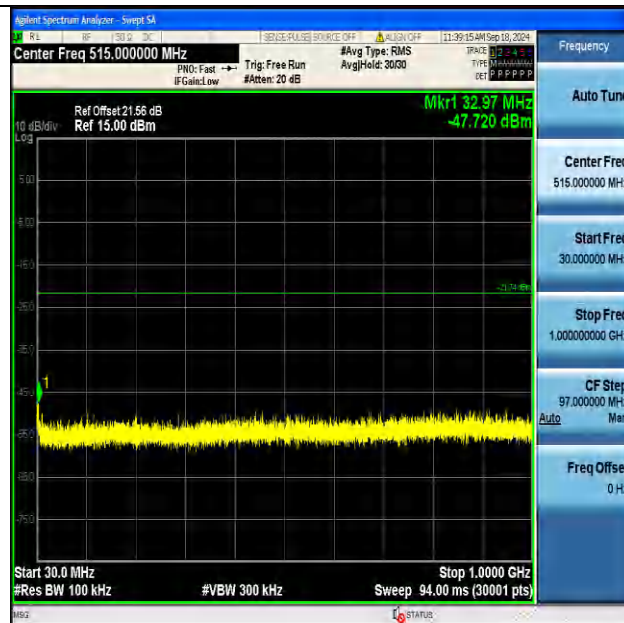
11N20SISO-Ant1-2462-30-1000-PASS



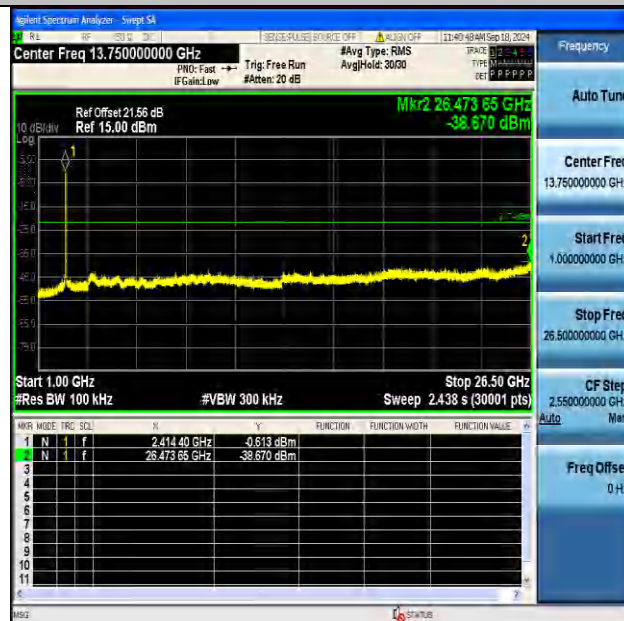
11N20SISO-Ant1-2462-1000~26500-PASS



11N40SISO-Ant1-2422-0-Reference-PASS



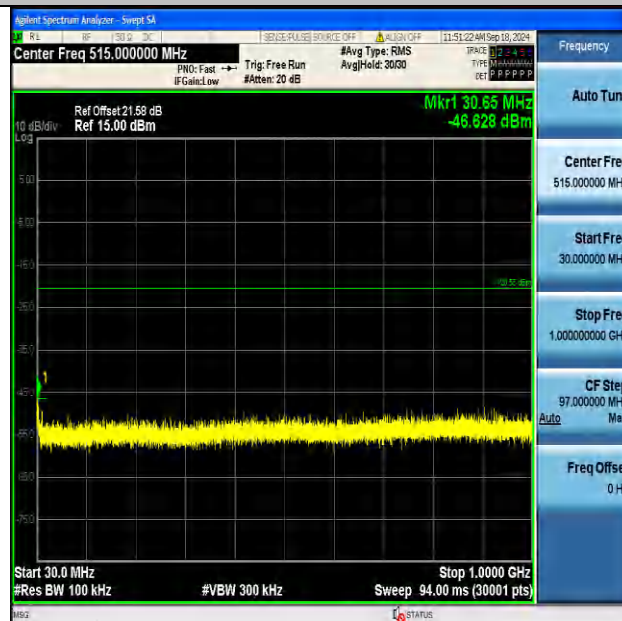
11N40SISO-Ant1-2422-30~1000-PASS



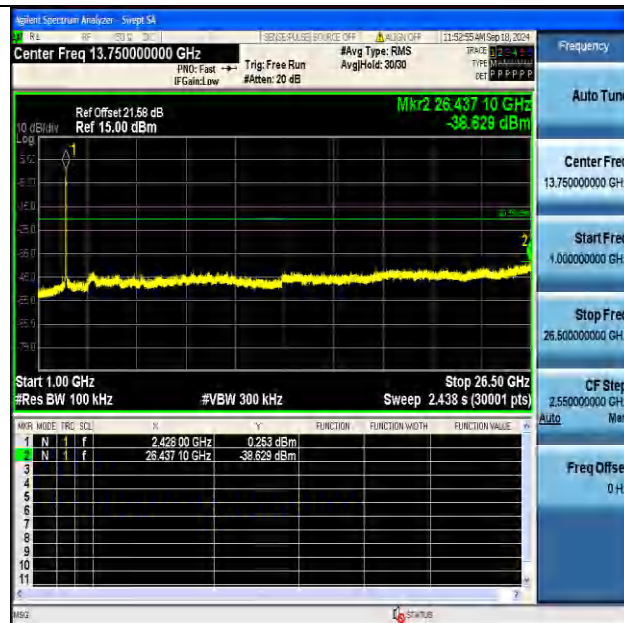
11N40SISO-Ant1-2422-1000~26500-PASS



11N40SISO-Ant1-2437-0-Reference-PASS



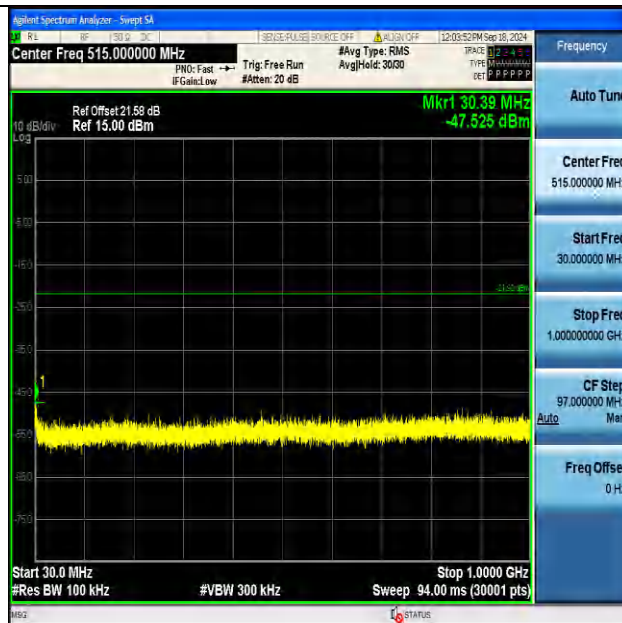
11N40SISO-Ant1-2437-30-1000-PASS



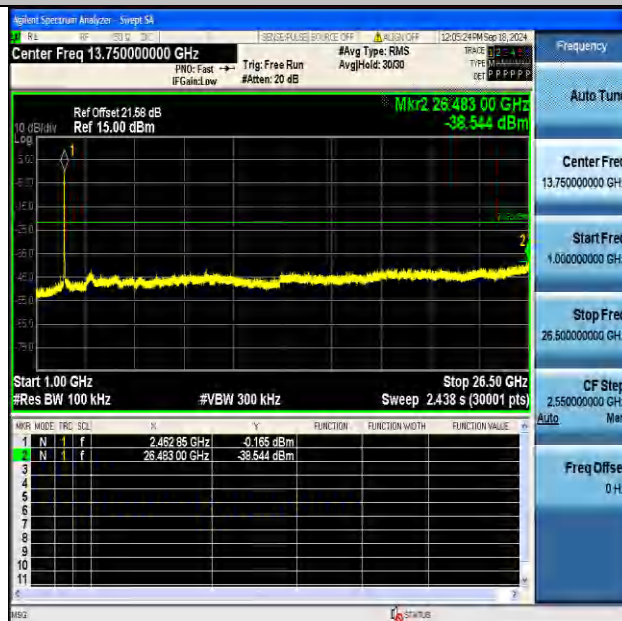
11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-0-Reference-PASS



11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS

Appendix B.5: Test Results of Radiated Spurious Emissions

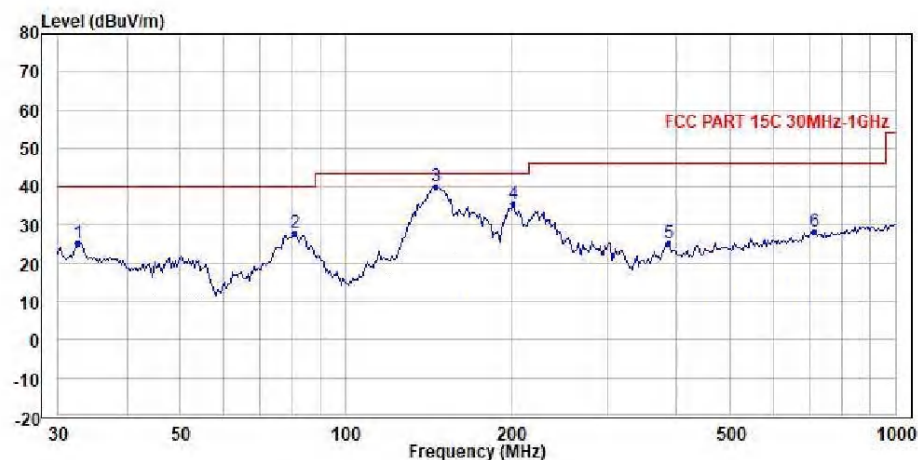
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz (Worst case)



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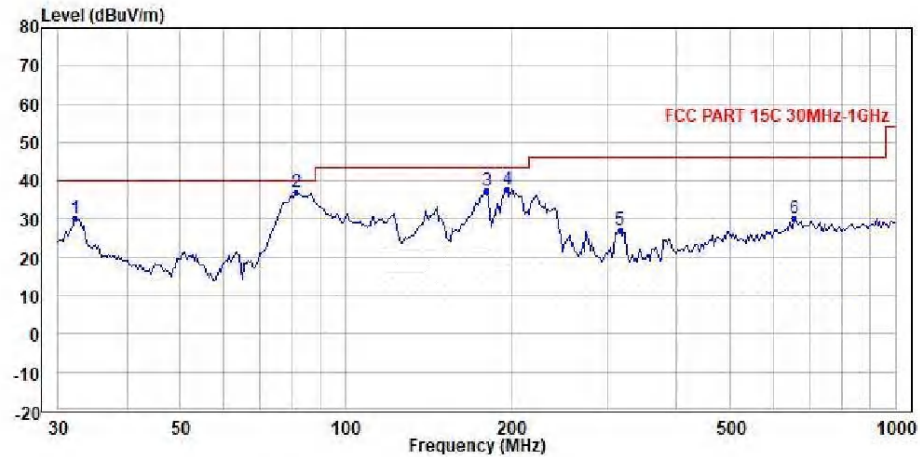


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_LINK
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	32.640	25.14	31.44	21.91	0.00	0.69	28.90	40.00	-14.86	Peak
2	80.804	27.85	45.74	10.06	0.00	0.95	28.90	40.00	-12.15	Peak
3 PP	145.811	40.08	54.93	12.88	0.00	1.22	28.95	43.50	-3.42	Peak
4	201.454	35.44	46.44	16.57	0.00	1.43	29.00	43.50	-8.06	Peak
5	387.257	25.33	30.61	22.04	0.00	1.87	29.19	46.00	-20.67	Peak
6	713.692	28.42	26.48	28.87	0.00	2.40	29.33	46.00	-17.58	Peak



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Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_LINK
Remark :

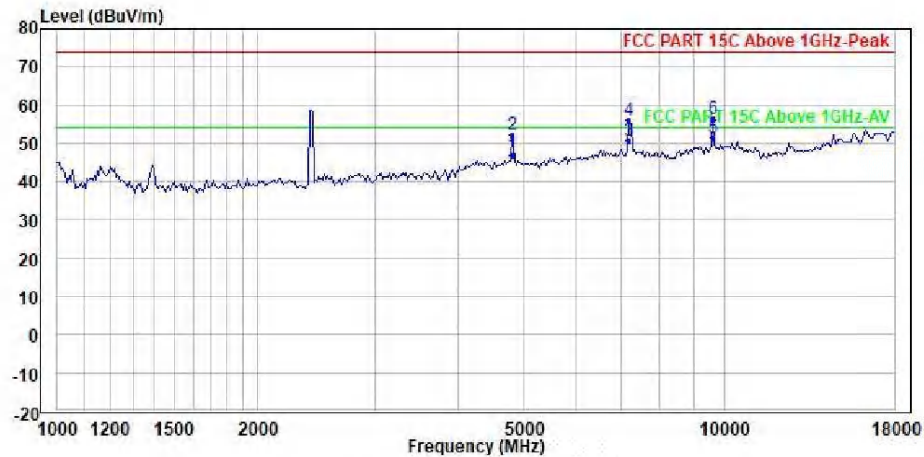
	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	32.184	30.02	36.20	22.04	0.00	0.68	28.90	40.00	-9.98	Peak
2 PP	81.374	36.88	54.69	10.14	0.00	0.95	28.90	40.00	-3.12	Peak
3	181.300	37.60	49.42	15.80	0.00	1.36	28.98	43.50	-5.90	Peak
4	197.251	37.82	49.03	16.37	0.00	1.42	29.00	43.50	-5.68	Peak
5	315.860	27.31	35.72	19.02	0.00	1.69	29.12	46.00	-18.69	Peak
6	655.977	30.29	29.88	27.50	0.00	2.33	29.42	46.00	-15.71	Peak

1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.



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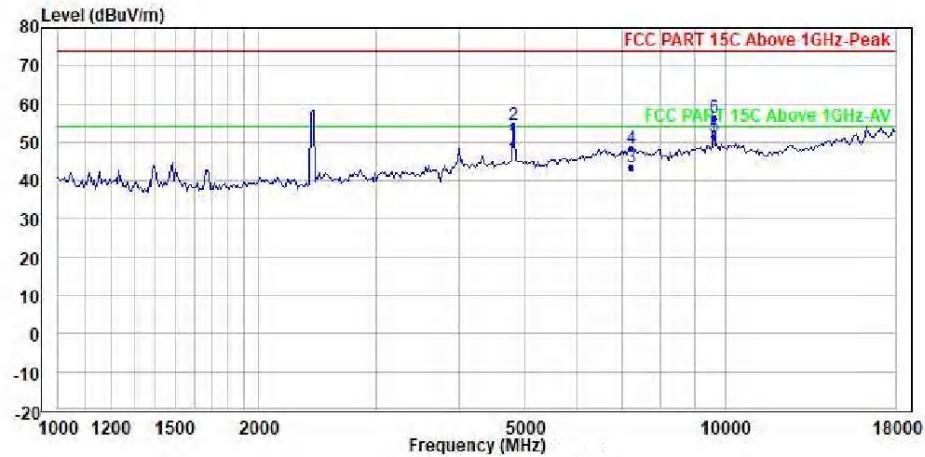


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4805.307	47.05	49.13	34.46	0.00	9.32	45.86	54.00	-6.95	Average
2	4805.307	52.05	54.13	34.46	0.00	9.32	45.86	74.00	-21.95	Peak
3	7207.945	50.90	49.60	36.50	0.00	10.34	45.54	54.00	-3.10	Average
4	7207.945	55.90	54.60	36.50	0.00	10.34	45.54	74.00	-18.10	Peak
5 PP	9629.201	51.48	48.36	37.43	0.00	11.75	46.06	54.00	-2.52	Average
6 PK	9629.201	56.51	53.39	37.43	0.00	11.75	46.06	74.00	-17.49	Peak



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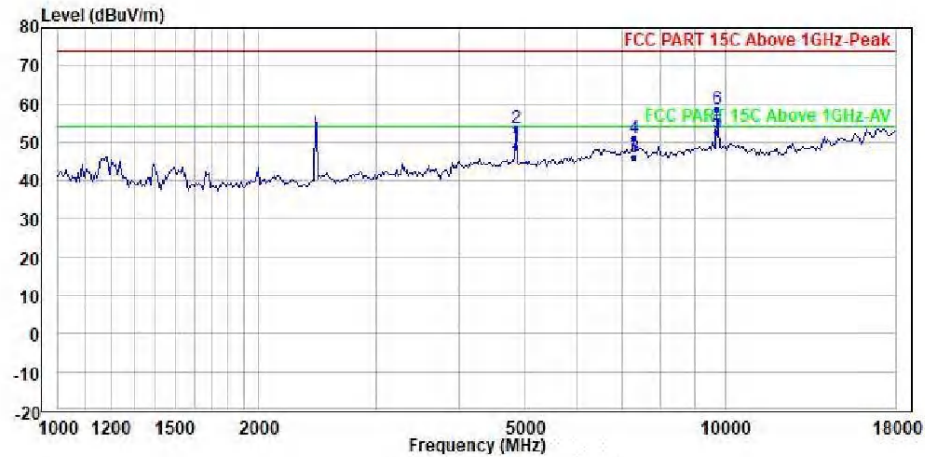


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4805.307	49.42	51.50	34.46	0.00	9.32	45.86	54.00	-4.58	Average
2	4805.307	54.42	56.50	34.46	0.00	9.32	45.86	74.00	-19.58	Peak
3	7236.000	43.41	42.11	36.50	0.00	10.35	45.55	54.00	-10.59	Average
4	7236.000	48.41	47.11	36.50	0.00	10.35	45.55	74.00	-25.59	Peak
5 PP	9629.201	51.30	48.18	37.43	0.00	11.75	46.06	54.00	-2.70	Average
6 PK	9629.201	56.30	53.18	37.43	0.00	11.75	46.06	74.00	-17.70	Peak



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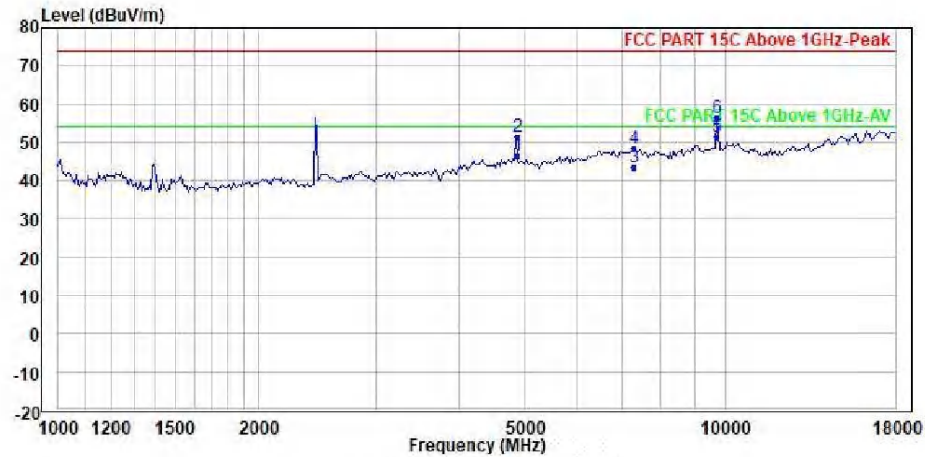


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4861.298	48.66	50.71	34.47	0.00	9.35	45.87	54.00	-5.34	Average
2	4861.298	53.66	55.71	34.47	0.00	9.35	45.87	74.00	-20.34	Peak
3	7291.932	45.97	44.67	36.50	0.00	10.36	45.56	54.00	-8.03	Average
4	7291.932	50.97	49.67	36.50	0.00	10.36	45.56	74.00	-23.03	Peak
5 PP	9741.401	52.80	49.62	37.54	0.00	11.83	46.19	54.00	-1.20	Average
6 PK	9741.401	58.65	55.47	37.54	0.00	11.83	46.19	74.00	-15.35	Peak



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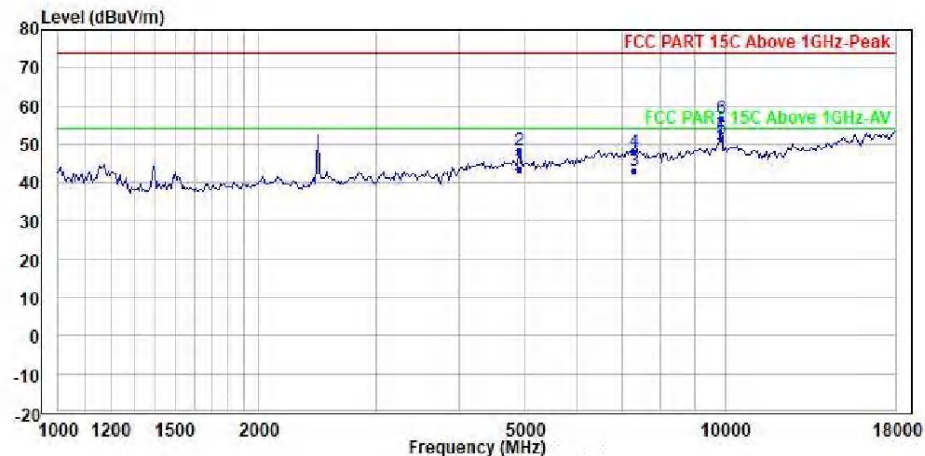


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4874.000	46.64	48.69	34.47	0.00	9.35	45.87	54.00	-7.36	Average
2	4874.000	51.64	53.69	34.47	0.00	9.35	45.87	74.00	-22.36	Peak
3	7311.000	43.52	42.21	36.50	0.00	10.37	45.56	54.00	-10.48	Average
4	7311.000	48.52	47.21	36.50	0.00	10.37	45.56	74.00	-25.48	Peak
5 PP	9741.401	51.55	48.37	37.54	0.00	11.83	46.19	54.00	-2.45	Average
6 PK	9741.401	56.55	53.37	37.54	0.00	11.83	46.19	74.00	-17.45	Peak



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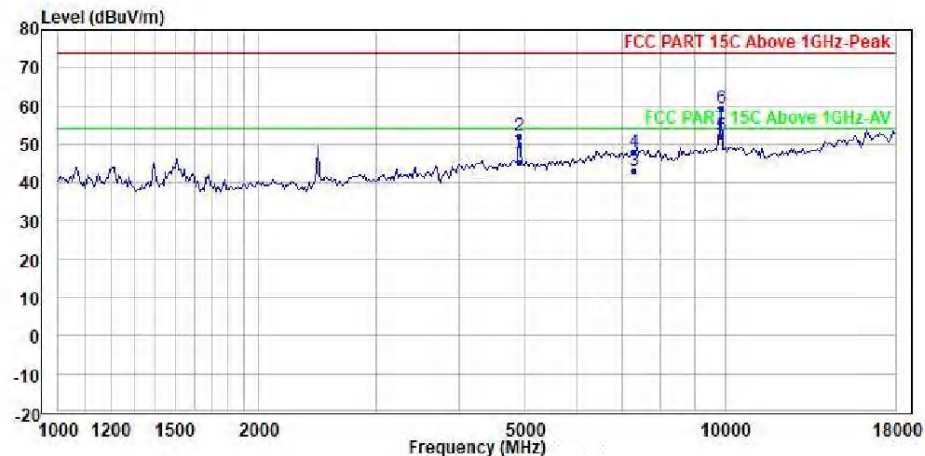


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4917.942	43.49	45.52	34.48	0.00	9.37	45.88	54.00	-10.51	Average
2	4917.942	48.49	50.52	34.48	0.00	9.37	45.88	74.00	-25.51	Peak
3	7311.000	42.94	41.63	36.50	0.00	10.37	45.56	54.00	-11.06	Average
4	7311.000	47.94	46.63	36.50	0.00	10.37	45.56	74.00	-26.06	Peak
5	PP 9854.908	51.66	48.42	37.65	0.00	11.92	46.33	54.00	-2.34	Average
6	PK 9854.908	56.66	53.42	37.65	0.00	11.92	46.33	74.00	-17.34	Peak



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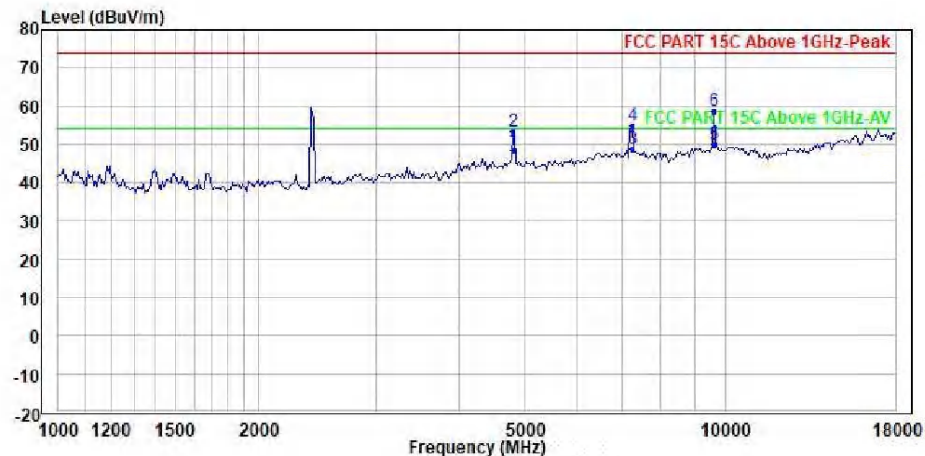


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4917.942	45.24	47.27	34.48	0.00	9.37	45.88	54.00	-8.76	Average
2	4917.942	52.24	54.27	34.48	0.00	9.37	45.88	74.00	-21.76	Peak
3	7311.000	43.21	41.90	36.50	0.00	10.37	45.56	54.00	-10.79	Average
4	7311.000	48.21	46.90	36.50	0.00	10.37	45.56	74.00	-25.79	Peak
5 PP	9854.908	52.35	49.11	37.65	0.00	11.92	46.33	54.00	-1.65	Average
6 PK	9854.908	59.39	56.15	37.65	0.00	11.92	46.33	74.00	-14.61	Peak



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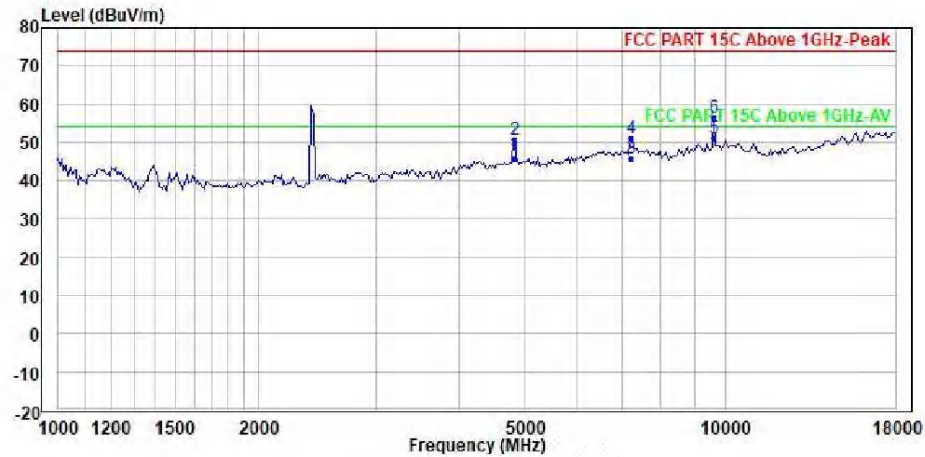


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4805.307	48.36	50.44	34.46	0.00	9.32	45.86	54.00	-5.64	Average
2	4885.307	53.36	55.44	34.46	0.00	9.32	45.86	74.00	-20.64	Peak
3	7249.817	48.72	47.42	36.50	0.00	10.35	45.55	54.00	-5.28	Average
4	7249.817	54.72	53.42	36.50	0.00	10.35	45.55	74.00	-19.28	Peak
5 PP	9629.201	49.81	46.69	37.43	0.00	11.75	46.06	54.00	-4.19	Average
6 PK	9629.201	58.81	55.69	37.43	0.00	11.75	46.06	74.00	-15.19	Peak



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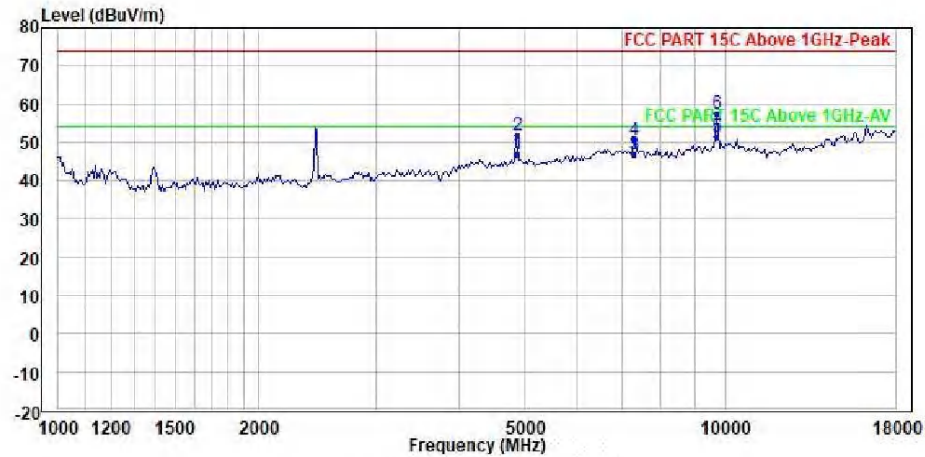


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4824.000	45.60	47.67	34.46	0.00	9.33	45.86	54.00	-8.40	Average
2	4824.000	50.60	52.67	34.46	0.00	9.33	45.86	74.00	-23.40	Peak
3	7236.000	45.95	44.65	36.50	0.00	10.35	45.55	54.00	-8.05	Average
4	7236.000	50.95	49.65	36.50	0.00	10.35	45.55	74.00	-23.05	Peak
5 PP	9629.201	51.24	48.12	37.43	0.00	11.75	46.06	54.00	-2.76	Average
6 PK	9629.201	56.24	53.12	37.43	0.00	11.75	46.06	74.00	-17.76	Peak



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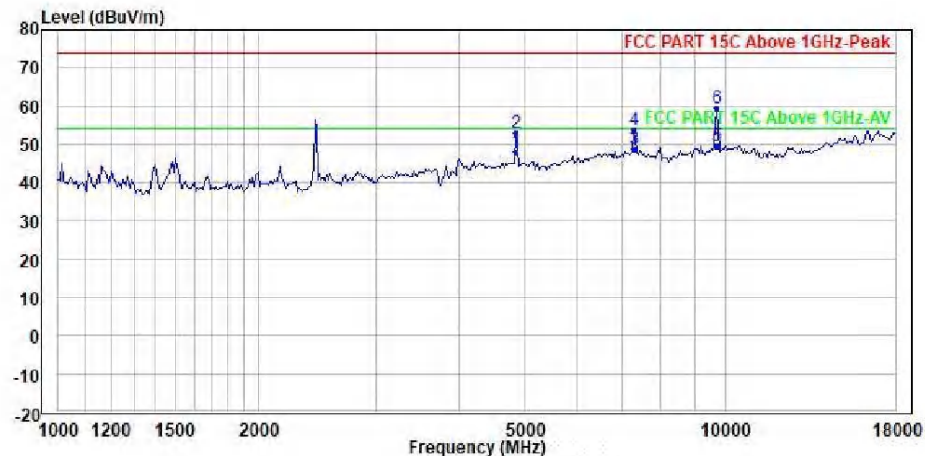


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4874.000	46.74	48.79	34.47	0.00	9.35	45.87	54.00	-7.26	Average
2	4874.000	51.74	53.79	34.47	0.00	9.35	45.87	74.00	-22.26	Peak
3	7311.000	46.85	45.54	36.50	0.00	10.37	45.56	54.00	-7.15	Average
4	7311.000	50.85	49.54	36.50	0.00	10.37	45.56	74.00	-23.15	Peak
5 PP	9741.401	51.65	48.47	37.54	0.00	11.83	46.19	54.00	-2.35	Average
6 PK	9741.401	57.65	54.47	37.54	0.00	11.83	46.19	74.00	-16.35	Peak



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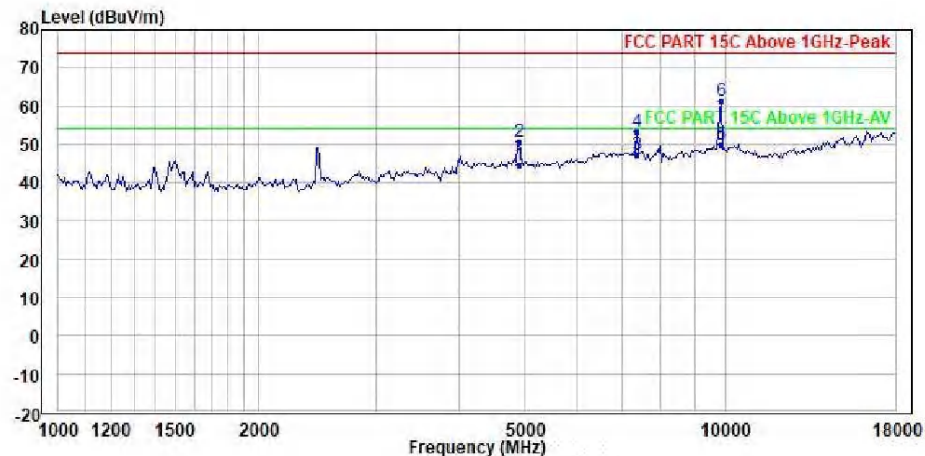


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4861.298	47.95	50.00	34.47	0.00	9.35	45.87	54.00	-6.05	Average
2	4861.298	52.95	55.00	34.47	0.00	9.35	45.87	74.00	-21.05	Peak
3	7291.932	48.89	47.59	36.50	0.00	10.36	45.56	54.00	-5.11	Average
4	7291.932	53.89	52.59	36.50	0.00	10.36	45.56	74.00	-20.11	Peak
5 PP	9741.401	49.50	46.32	37.54	0.00	11.83	46.19	54.00	-4.50	Average
6 PK	9741.401	59.45	56.27	37.54	0.00	11.83	46.19	74.00	-14.55	Peak



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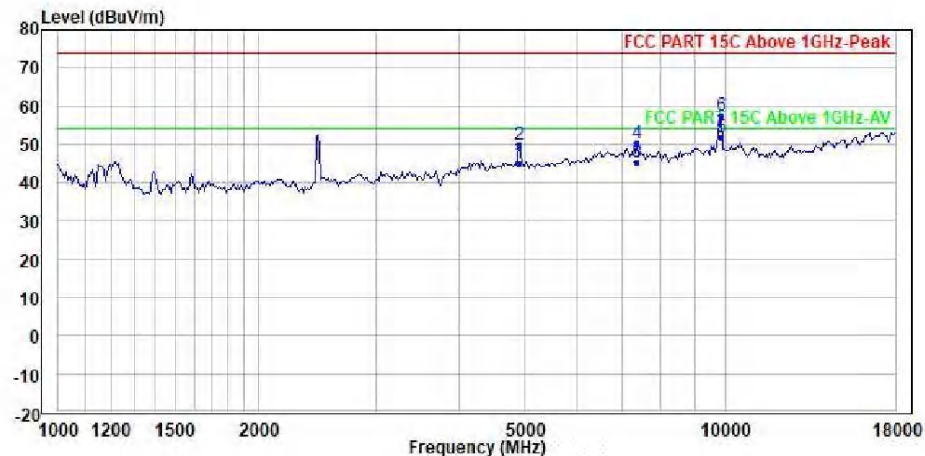


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4917.942	44.68	46.71	34.48	0.00	9.37	45.88	54.00	-9.32	Average
2	4917.942	50.68	52.71	34.48	0.00	9.37	45.88	74.00	-23.32	Peak
3	7376.898	47.42	46.11	36.50	0.00	10.39	45.58	54.00	-6.58	Average
4	7376.898	53.42	52.11	36.50	0.00	10.39	45.58	74.00	-20.58	Peak
5 PP	9854.908	49.87	46.63	37.65	0.00	11.92	46.33	54.00	-4.13	Average
6 PK	9854.908	61.20	57.96	37.65	0.00	11.92	46.33	74.00	-12.80	Peak



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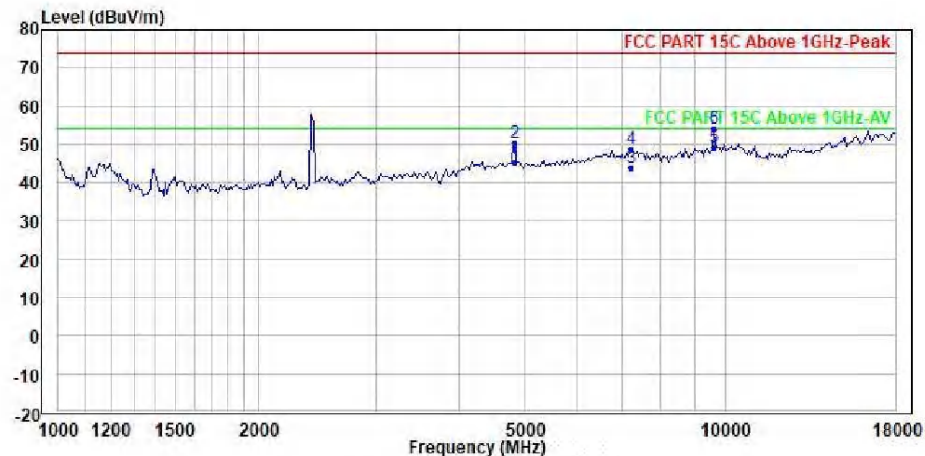


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4917.942	44.88	46.91	34.48	0.00	9.37	45.88	54.00	-9.12	Average
2	4917.942	49.88	51.91	34.48	0.00	9.37	45.88	74.00	-24.12	Peak
3	7376.898	45.46	44.15	36.50	0.00	10.39	45.58	54.00	-8.54	Average
4	7376.898	50.46	49.15	36.50	0.00	10.39	45.58	74.00	-23.54	Peak
5 PP	9854.908	51.72	48.48	37.65	0.00	11.92	46.33	54.00	-2.28	Average
6 PK	9854.908	57.72	54.48	37.65	0.00	11.92	46.33	74.00	-16.28	Peak



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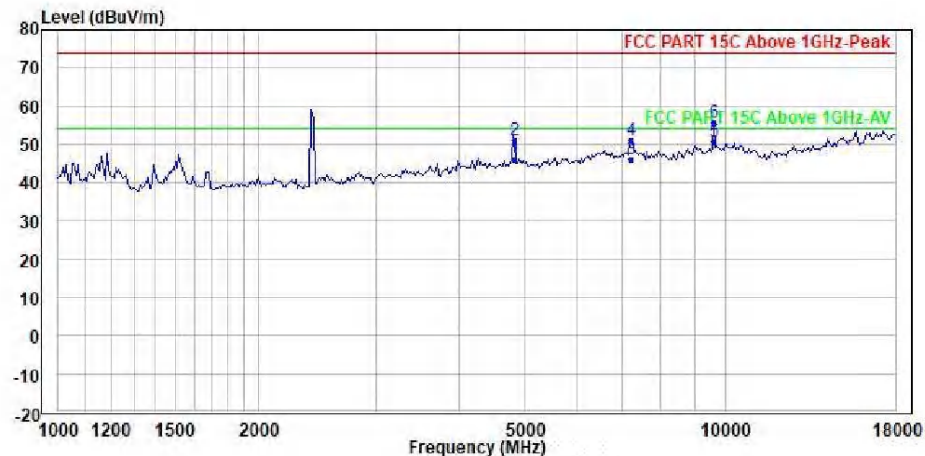


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4824.000	45.37	47.44	34.46	0.00	9.33	45.86	54.00	-8.63	Average
2	4824.000	50.37	52.44	34.46	0.00	9.33	45.86	74.00	-23.63	Peak
3	7236.000	43.82	42.52	36.50	0.00	10.35	45.55	54.00	-10.18	Average
4	7236.000	48.82	47.52	36.50	0.00	10.35	45.55	74.00	-25.18	Peak
5	PP 9629.201	49.30	46.18	37.43	0.00	11.75	46.06	54.00	-4.70	Average
6	PK 9629.201	54.30	51.18	37.43	0.00	11.75	46.06	74.00	-19.70	Peak



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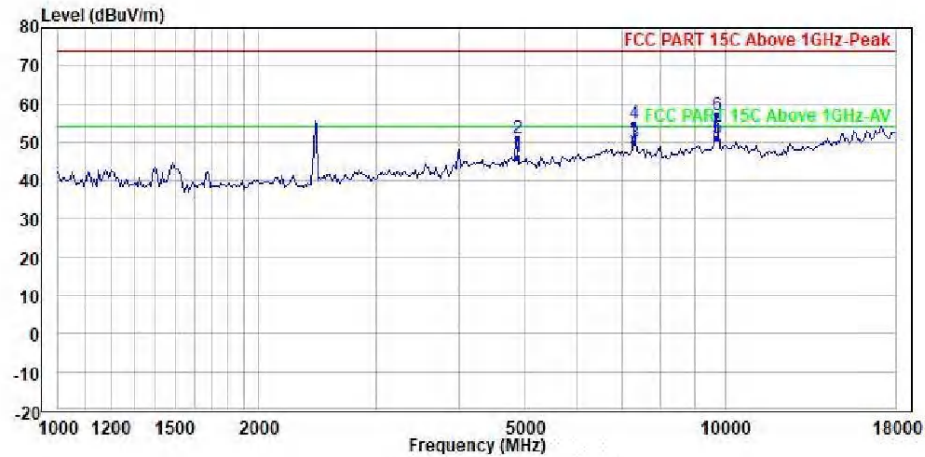


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4824.000	46.19	48.26	34.46	0.00	9.33	45.86	54.00	-7.81	Average
2	4824.000	51.19	53.26	34.46	0.00	9.33	45.86	74.00	-22.81	Peak
3	7236.000	46.07	44.77	36.50	0.00	10.35	45.55	54.00	-7.93	Average
4	7236.000	51.07	49.77	36.50	0.00	10.35	45.55	74.00	-22.93	Peak
5	PP 9629.201	50.57	47.45	37.43	0.00	11.75	46.06	54.00	-3.43	Average
6	PK 9629.201	55.57	52.45	37.43	0.00	11.75	46.06	74.00	-18.43	Peak



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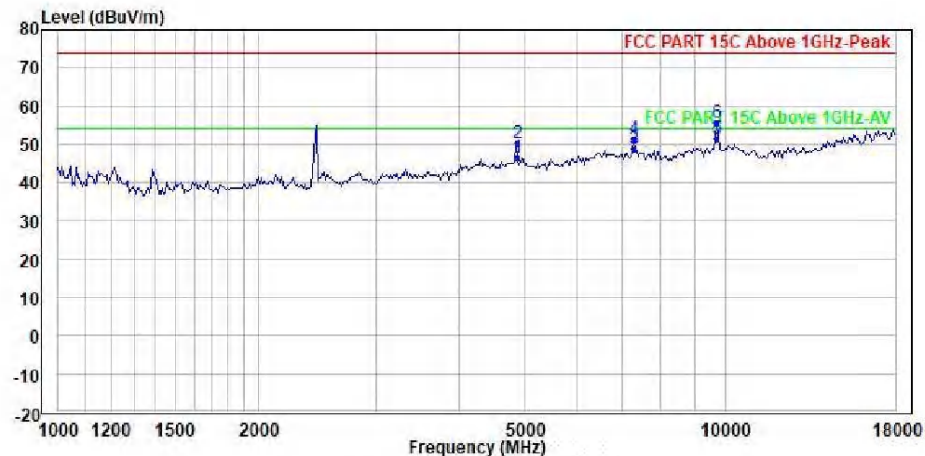


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4874.000	46.01	48.06	34.47	0.00	9.35	45.87	54.00	-7.99	Average
2	4874.000	51.01	53.06	34.47	0.00	9.35	45.87	74.00	-22.99	Peak
3	7311.000	50.06	48.75	36.50	0.00	10.37	45.56	54.00	-3.94	Average
4	7311.000	55.06	53.75	36.50	0.00	10.37	45.56	74.00	-18.94	Peak
5 PP	9741.401	51.16	47.98	37.54	0.00	11.83	46.19	54.00	-2.84	Average
6 PK	9741.401	57.16	53.98	37.54	0.00	11.83	46.19	74.00	-16.84	Peak



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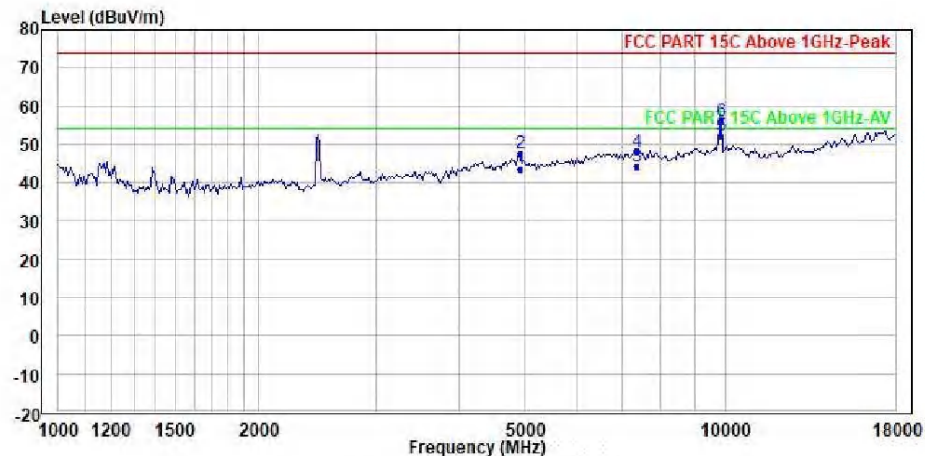


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4874.000	46.40	48.45	34.47	0.00	9.35	45.87	54.00	-7.60	Average
2	4874.000	50.40	52.45	34.47	0.00	9.35	45.87	74.00	-23.60	Peak
3	7311.000	48.65	47.34	36.50	0.00	10.37	45.56	54.00	-5.35	Average
4	7311.000	51.65	50.34	36.50	0.00	10.37	45.56	74.00	-22.35	Peak
5	PP 9741.401	51.64	48.46	37.54	0.00	11.83	46.19	54.00	-2.36	Average
6	PK 9741.401	55.64	52.46	37.54	0.00	11.83	46.19	74.00	-18.36	Peak



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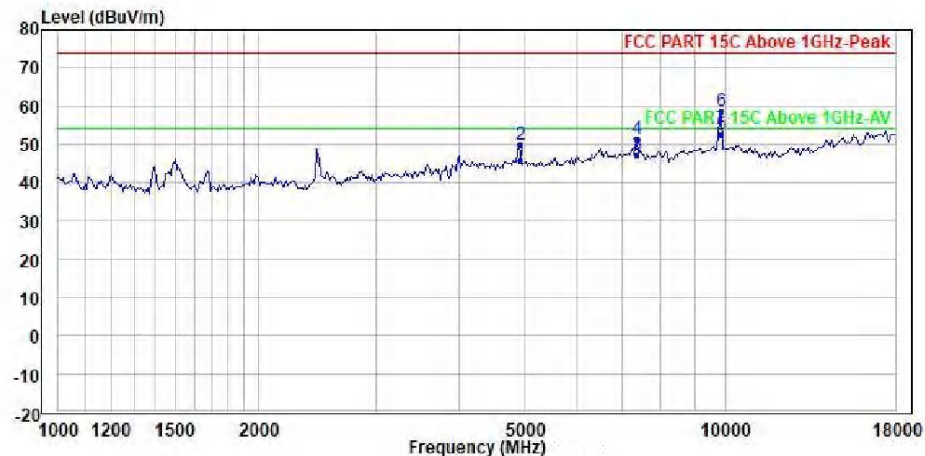


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4924.000	43.62	45.65	34.48	0.00	9.37	45.88	54.00	-10.38	Average
2	4924.000	47.62	49.65	34.48	0.00	9.37	45.88	74.00	-26.38	Peak
3	7386.000	44.08	42.77	36.50	0.00	10.39	45.58	54.00	-9.92	Average
4	7386.000	48.08	46.77	36.50	0.00	10.39	45.58	74.00	-25.92	Peak
5 PP	9854.908	52.14	48.90	37.65	0.00	11.92	46.33	54.00	-1.86	Average
6 PK	9854.908	56.14	52.90	37.65	0.00	11.92	46.33	74.00	-17.86	Peak



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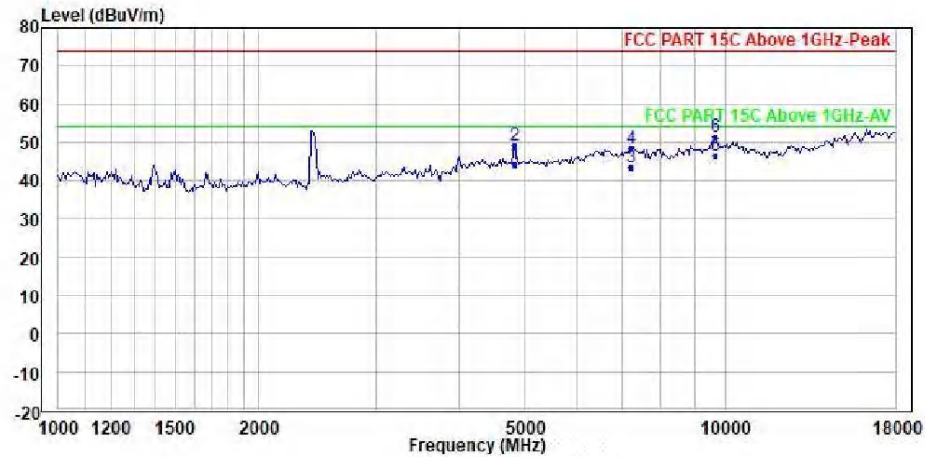


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4924.000	45.84	47.87	34.48	0.00	9.37	45.88	54.00	-8.16	Average
2	4924.000	49.84	51.87	34.48	0.00	9.37	45.88	74.00	-24.16	Peak
3	7386.000	47.45	46.14	36.50	0.00	10.39	45.58	54.00	-6.55	Average
4	7386.000	51.45	50.14	36.50	0.00	10.39	45.58	74.00	-22.55	Peak
5 PP	9854.908	52.58	49.34	37.65	0.00	11.92	46.33	54.00	-1.42	Average
6 PK	9854.908	58.58	55.34	37.65	0.00	11.92	46.33	74.00	-15.42	Peak



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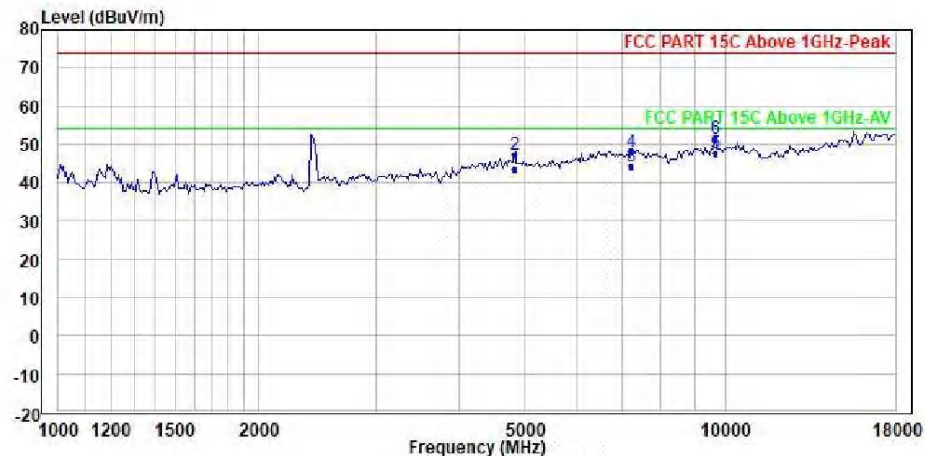


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4824.000	44.16	46.23	34.46	0.00	9.33	45.86	54.00	-9.84	Average
2	4824.000	49.16	51.23	34.46	0.00	9.33	45.86	74.00	-24.84	Peak
3	7236.000	43.54	42.24	36.50	0.00	10.35	45.55	54.00	-10.46	Average
4	7236.000	48.54	47.24	36.50	0.00	10.35	45.55	74.00	-25.46	Peak
5 PP	9685.139	46.48	43.32	37.49	0.00	11.79	46.12	54.00	-7.52	Average
6 PK	9685.139	51.48	48.32	37.49	0.00	11.79	46.12	74.00	-22.52	Peak



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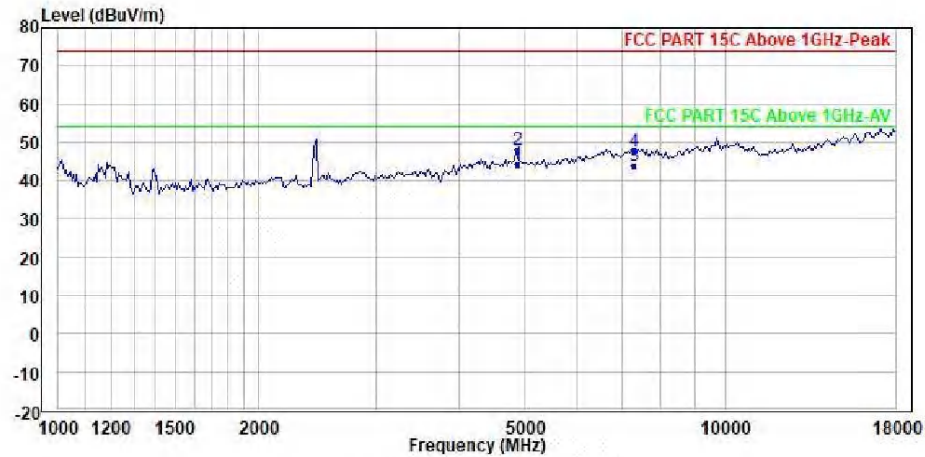


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4824.000	43.47	45.54	34.46	0.00	9.33	45.86	54.00	-10.53	Average
2	4824.000	47.47	49.54	34.46	0.00	9.33	45.86	74.00	-26.53	Peak
3	7236.000	44.19	42.89	36.50	0.00	10.35	45.55	54.00	-9.81	Average
4	7236.000	48.19	46.89	36.50	0.00	10.35	45.55	74.00	-25.81	Peak
5 PP	9685.139	47.60	44.44	37.49	0.00	11.79	46.12	54.00	-6.40	Average
6 PK	9685.139	51.60	48.44	37.49	0.00	11.79	46.12	74.00	-22.40	Peak



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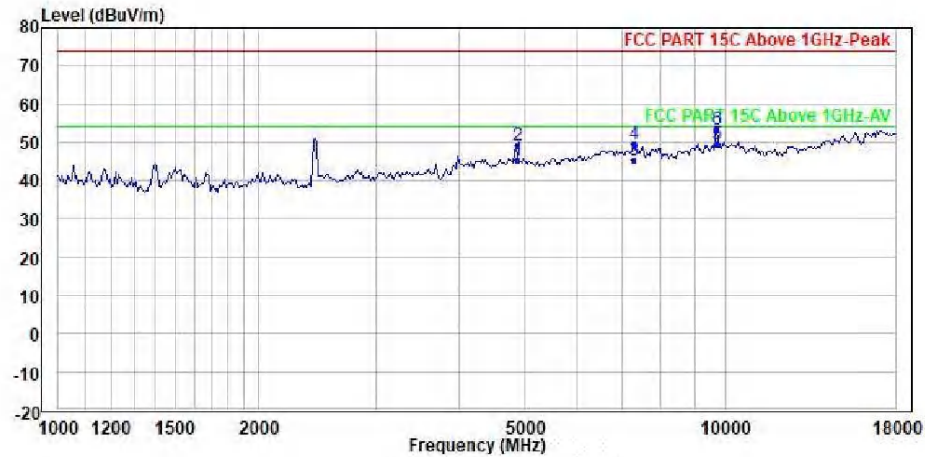


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 4874.000	44.25	46.30	34.47	0.00	9.35	45.87	54.00	-9.75	Average
2	PK 4874.000	48.25	50.30	34.47	0.00	9.35	45.87	74.00	-25.75	Peak
3	7311.000	43.84	42.53	36.50	0.00	10.37	45.56	54.00	-10.16	Average
4	7311.000	47.84	46.53	36.50	0.00	10.37	45.56	74.00	-26.16	Peak



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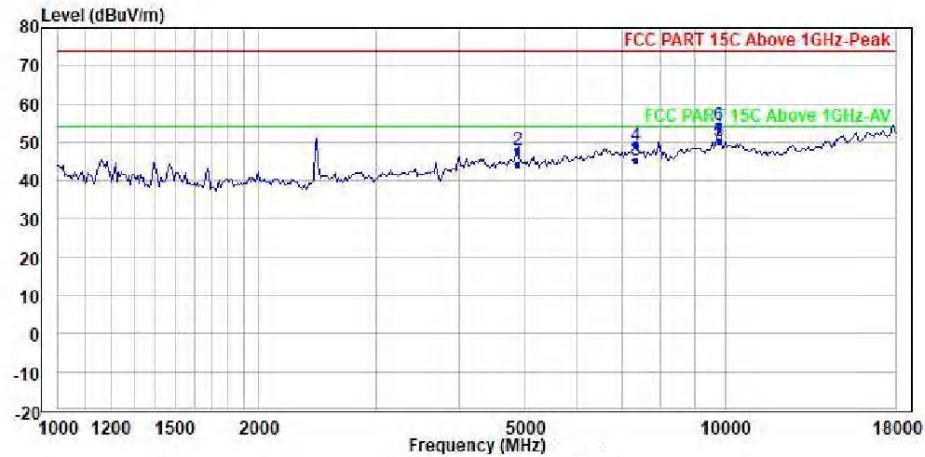


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2437
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4874.000	45.24	47.29	34.47	0.00	9.35	45.87	54.00	-8.76	Average
2	4874.000	49.24	51.29	34.47	0.00	9.35	45.87	74.00	-24.76	Peak
3	7311.000	45.43	44.12	36.50	0.00	10.37	45.56	54.00	-8.57	Average
4	7311.000	49.43	48.12	36.50	0.00	10.37	45.56	74.00	-24.57	Peak
5 PP	9741.401	49.57	46.39	37.54	0.00	11.83	46.19	54.00	-4.43	Average
6 PK	9741.401	53.57	50.39	37.54	0.00	11.83	46.19	74.00	-20.43	Peak



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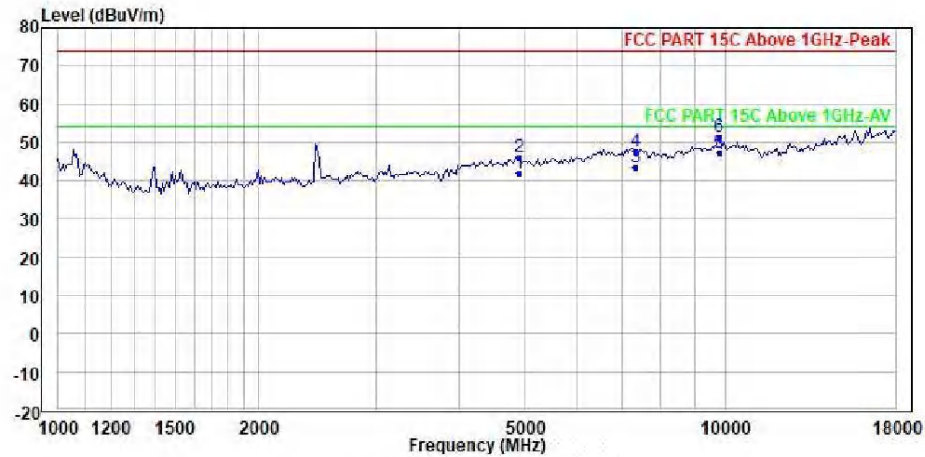


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2452
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4889.539	44.07	46.11	34.48	0.00	9.36	45.88	54.00	-9.93	Average
2	4889.539	48.07	50.11	34.48	0.00	9.36	45.88	74.00	-25.93	Peak
3	7334.292	45.39	44.08	36.50	0.00	10.38	45.57	54.00	-8.61	Average
4	7334.292	49.39	48.08	36.50	0.00	10.38	45.57	74.00	-24.61	Peak
5	PP 9797.990	50.40	47.18	37.60	0.00	11.88	46.26	54.00	-3.60	Average
6	PK 9797.990	54.40	51.18	37.60	0.00	11.88	46.26	74.00	-19.60	Peak



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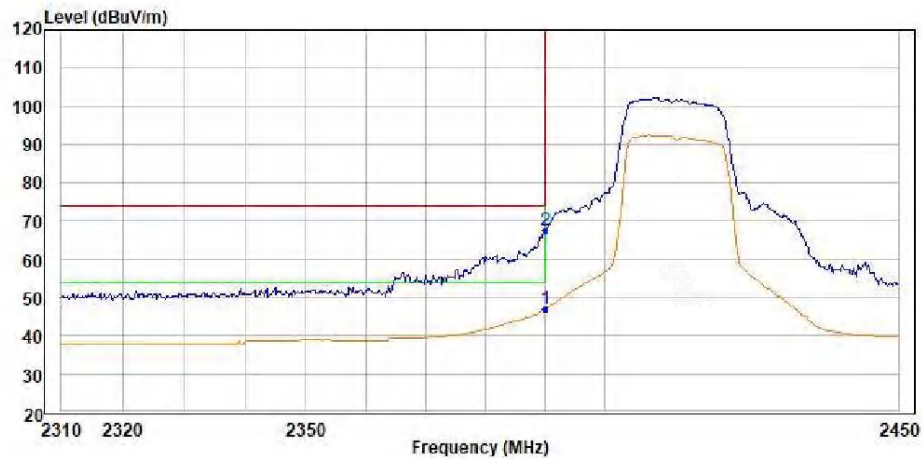
Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2452
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4904.000	41.99	44.03	34.48	0.00	9.36	45.88	54.00	-12.01	Average
2	4904.000	45.99	48.03	34.48	0.00	9.36	45.88	74.00	-28.01	Peak
3	7356.000	43.52	42.21	36.50	0.00	10.38	45.57	54.00	-10.48	Average
4	7356.000	47.52	46.21	36.50	0.00	10.38	45.57	74.00	-26.48	Peak
5 PP	9797.990	47.48	44.26	37.60	0.00	11.88	46.26	54.00	-6.52	Average
6 PK	9797.990	51.48	48.26	37.60	0.00	11.88	46.26	74.00	-22.52	Peak

Appendix B.6: Test Results of Radiated Emissions in Restricted Bands



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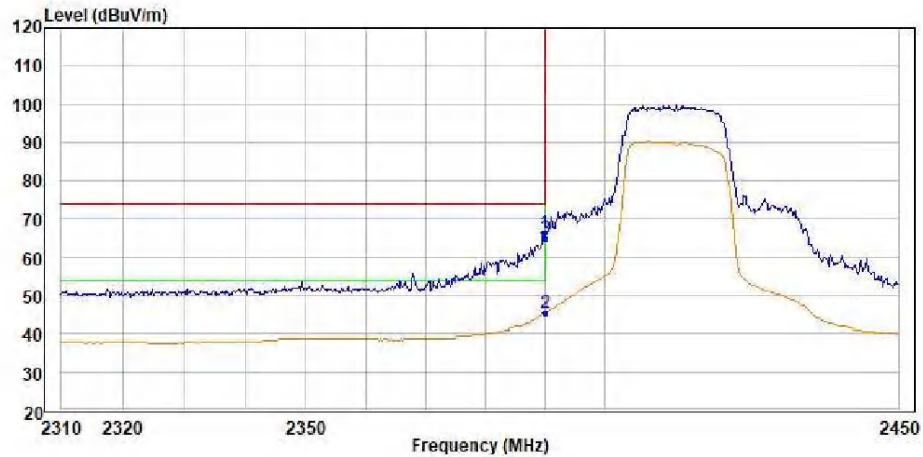


Condition : 3m Horizontal
Temp.(C)/Hum.(%) : 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	AV 2390.000	46.96	44.10	32.91	10.00	7.35	47.40	54.00	-7.04	Average
2	PP 2390.000	67.37	64.51	32.91	10.00	7.35	47.40	74.00	-6.63	Peak



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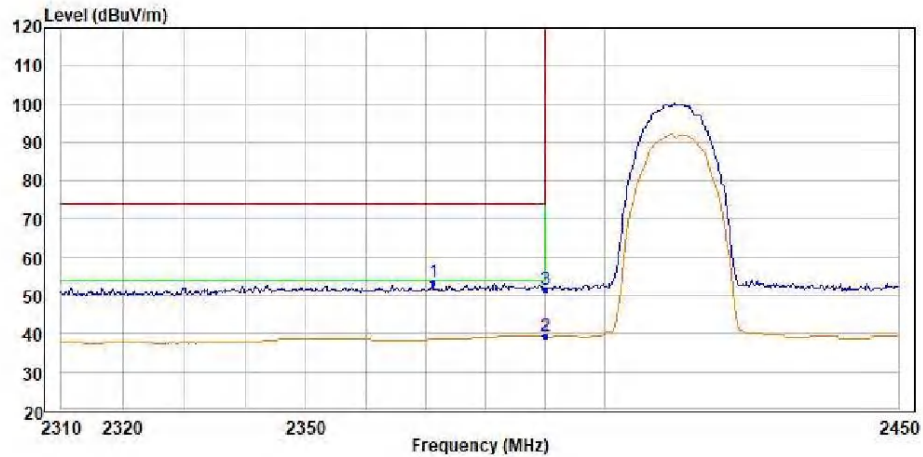


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2389.679	66.46	63.61	32.98	10.00	7.35	47.40	74.00	-7.54	Peak
2	AV 2390.000	45.42	42.56	32.91	10.00	7.35	47.40	54.00	-8.58	Average
3	2390.000	64.93	62.07	32.91	10.00	7.35	47.40	74.00	-9.07	Peak



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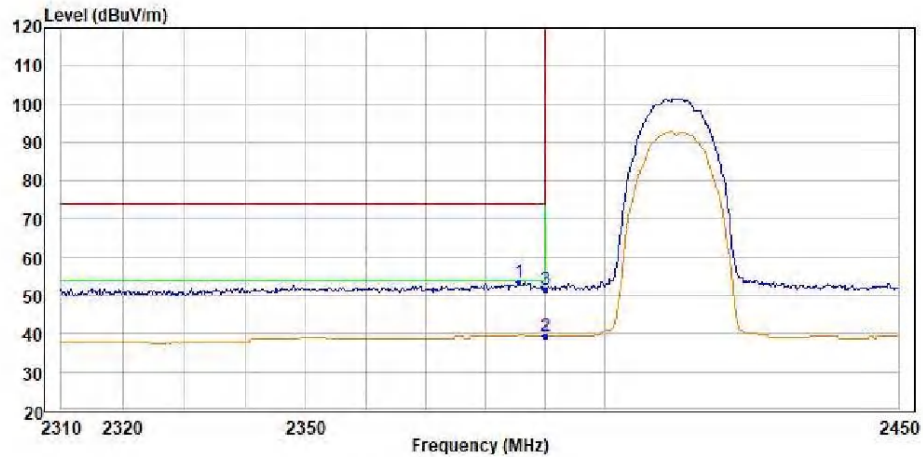


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PK 2371.162	53.40	50.67	32.80	10.00	7.33	47.40	74.00	-20.60	Peak
2	PP 2390.000	39.40	36.54	32.91	10.00	7.35	47.40	54.00	-14.60	Average
3	2390.000	51.73	48.87	32.91	10.00	7.35	47.40	74.00	-22.27	Peak



Shenzhen UnionTrust Quality and Technology Co., Ltd.

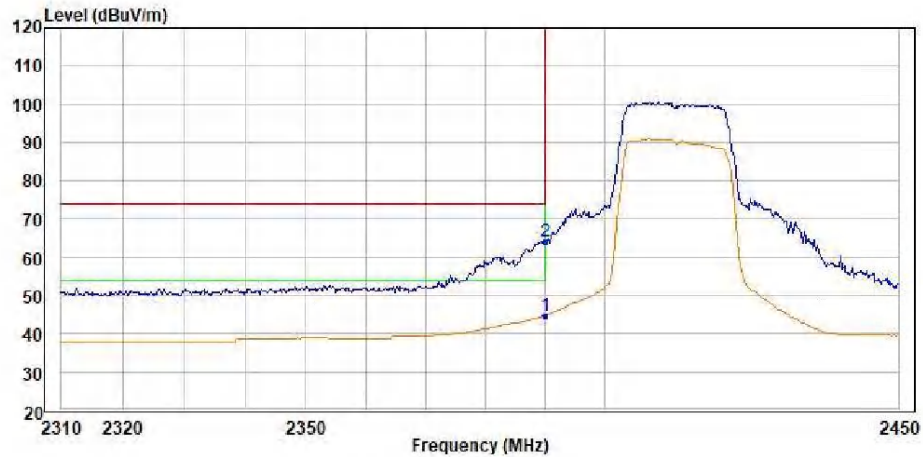


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PK 2385.471	53.59	50.76	32.88	10.00	7.35	47.40	74.00	-20.41	Peak
2	PP 2390.000	39.40	36.54	32.91	10.00	7.35	47.40	54.00	-24.60	Average
3	2390.000	51.74	48.88	32.91	10.00	7.35	47.40	74.00	-22.26	Peak



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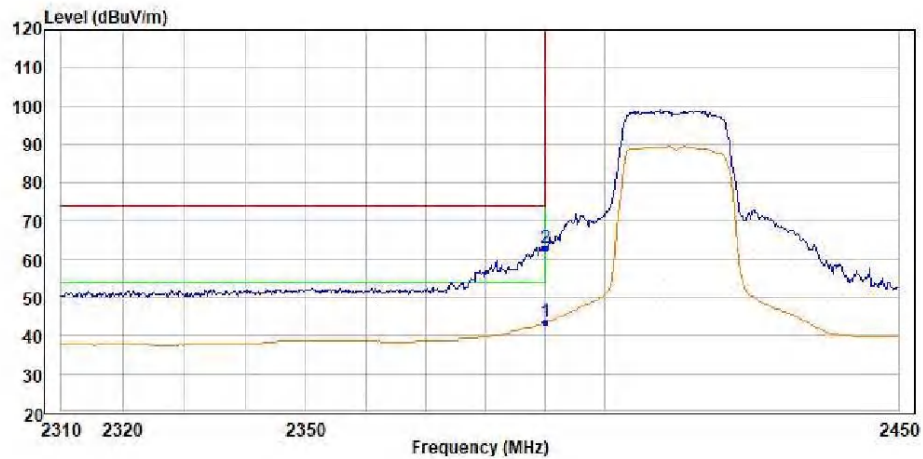


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	2390.000	44.66	41.80	32.91	10.00	7.35	47.40	54.00	-9.34	Average
2 PK	2390.000	64.03	61.17	32.91	10.00	7.35	47.40	74.00	-9.97	Peak



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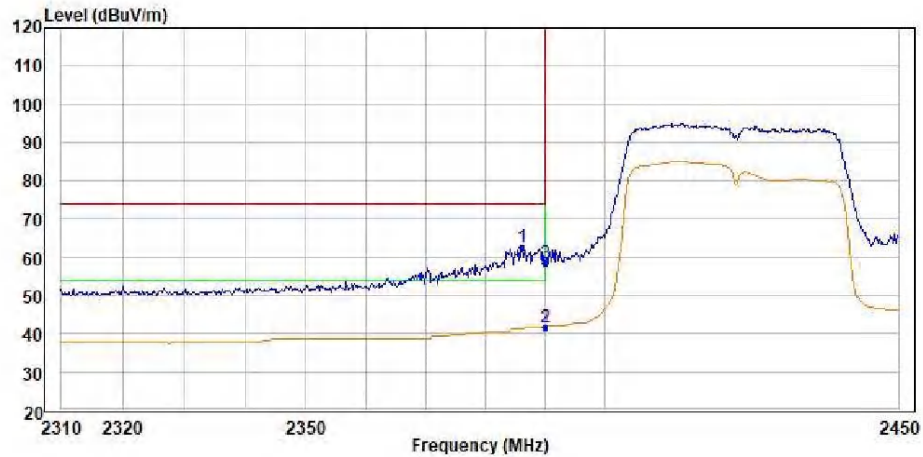


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2412
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	2390.000	43.54	40.68	32.91	10.00	7.35	47.40	54.00	-10.46	Average
2 PK	2390.000	63.04	60.18	32.91	10.00	7.35	47.40	74.00	-10.96	Peak



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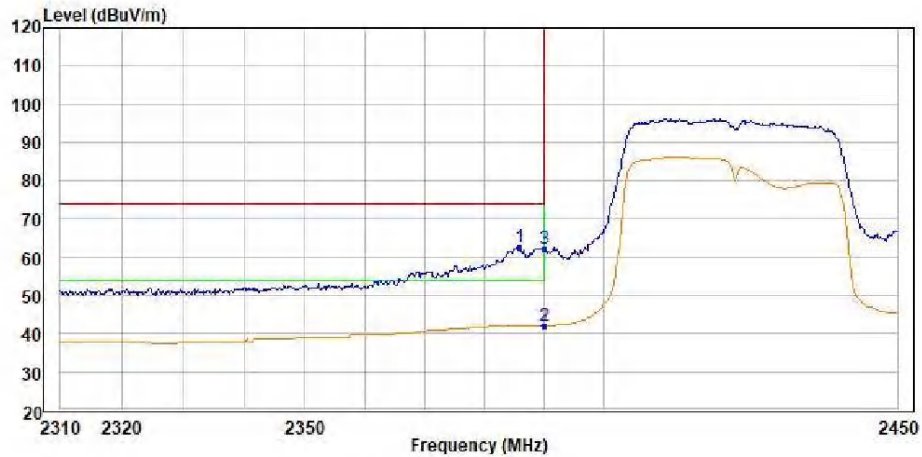


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2422
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2386.032	62.64	59.81	32.88	10.00	7.35	47.40	74.00	-11.36	Peak
2	AV 2390.000	41.53	38.67	32.91	10.00	7.35	47.40	54.00	-12.47	Average
3	2390.000	58.38	55.52	32.91	10.00	7.35	47.40	74.00	-15.62	Peak



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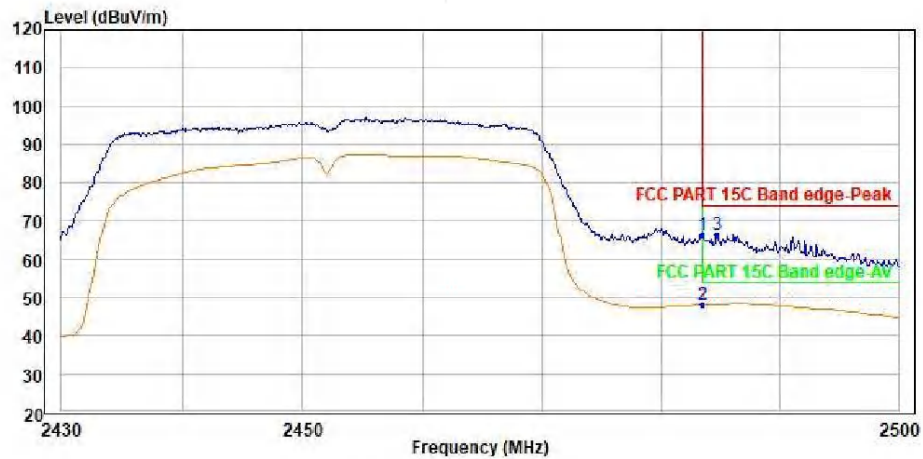


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2422
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2385.751	62.76	59.93	32.88	10.00	7.35	47.40	74.00	-11.24	Peak
2	AV 2390.000	41.90	39.04	32.91	10.00	7.35	47.40	54.00	-12.10	Average
3	2390.000	62.36	59.50	32.91	10.00	7.35	47.40	74.00	-11.64	Peak



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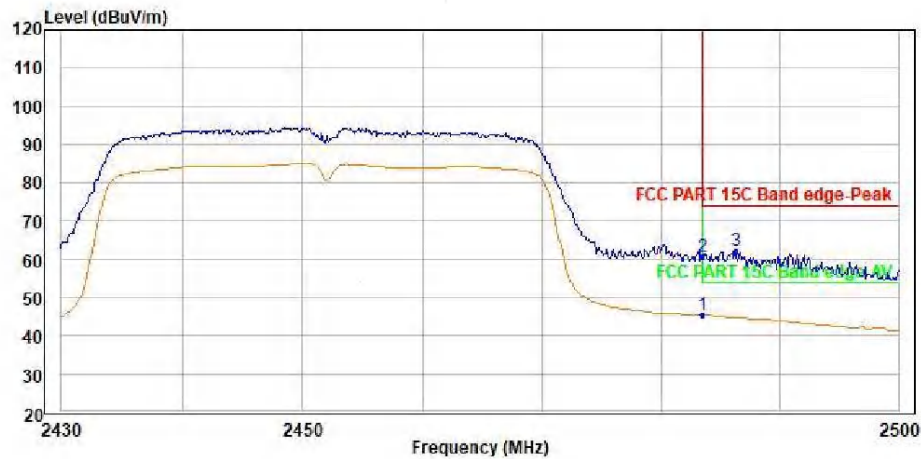


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2452
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	2483.500	66.24	62.76	33.41	10.00	7.47	47.40	74.00	-7.76	Peak
2	2483.500	47.98	44.50	33.41	10.00	7.47	47.40	74.00	-26.02	Peak
3	PP 2484.709	66.49	62.99	33.42	10.00	7.48	47.40	74.00	-7.51	Peak



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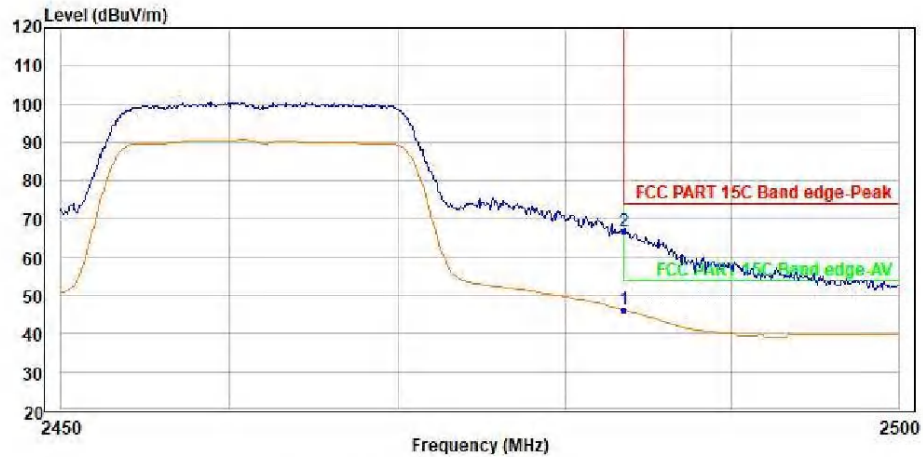


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N40_2452
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2483.500	45.29	41.81	33.41	10.00	7.47	47.40	54.00	-8.71	Average
2	2483.500	60.84	57.36	33.41	10.00	7.47	47.40	74.00	-13.16	Peak
3	PK 2486.252	62.32	58.81	33.43	10.00	7.48	47.40	74.00	-11.68	Peak



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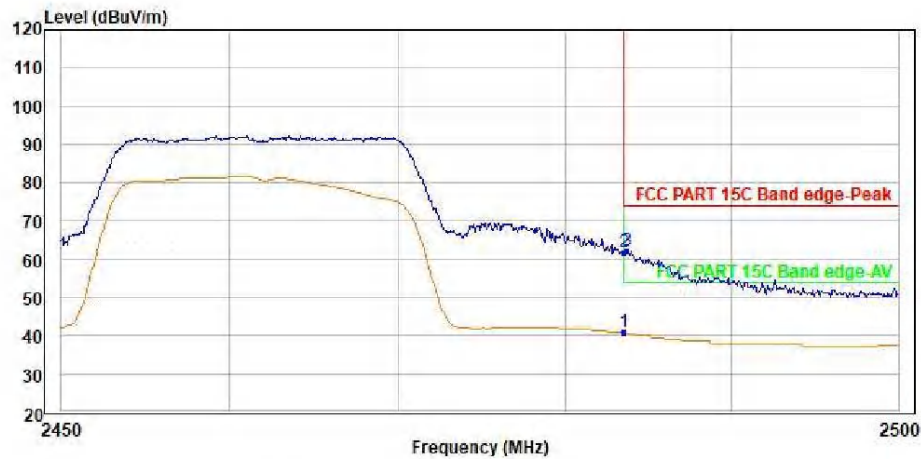


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	AV 2483.500	46.28	42.80	33.41	10.00	7.47	47.40	54.00	-7.72	Average
2	PP 2483.500	66.68	63.20	33.41	10.00	7.47	47.40	74.00	-7.32	Peak



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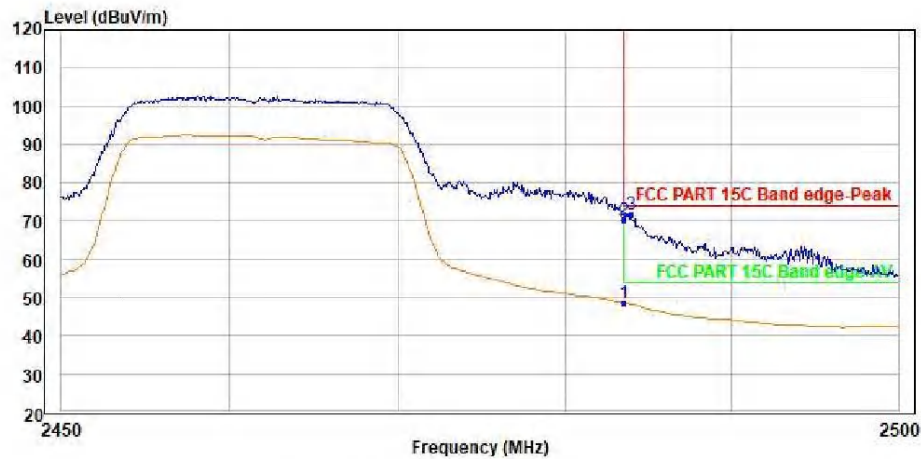


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_N20_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	AV 2483.500	40.94	37.46	33.41	10.00	7.47	47.40	54.00	-13.06	Average
2	2483.500	61.89	58.41	33.41	10.00	7.47	47.40	74.00	-12.11	Peak
3	PP 2483.667	62.24	58.76	33.41	10.00	7.47	47.40	74.00	-11.76	Peak



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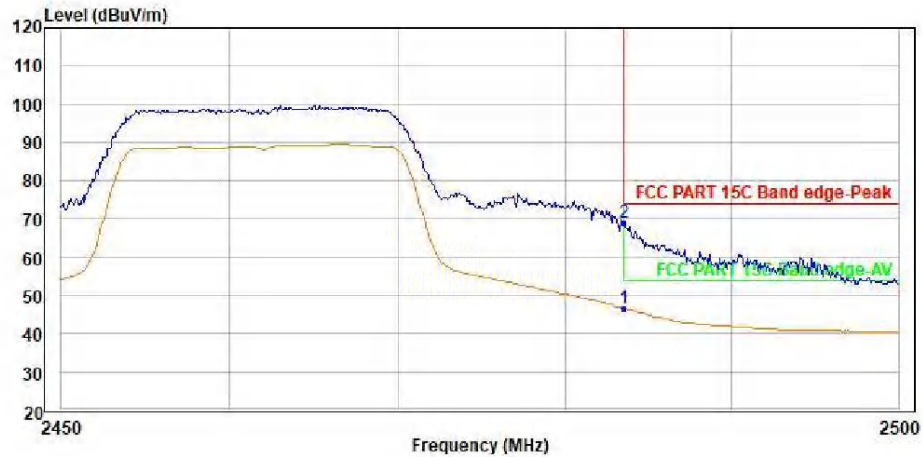


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	AV 2483.500	48.54	45.06	33.41	10.00	7.47	47.40	54.00	-5.46	Average
2	2483.500	70.17	66.69	33.41	10.00	7.47	47.40	74.00	-3.83	Peak
3	PP 2483.968	71.79	68.31	33.41	10.00	7.47	47.40	74.00	-2.21	Peak



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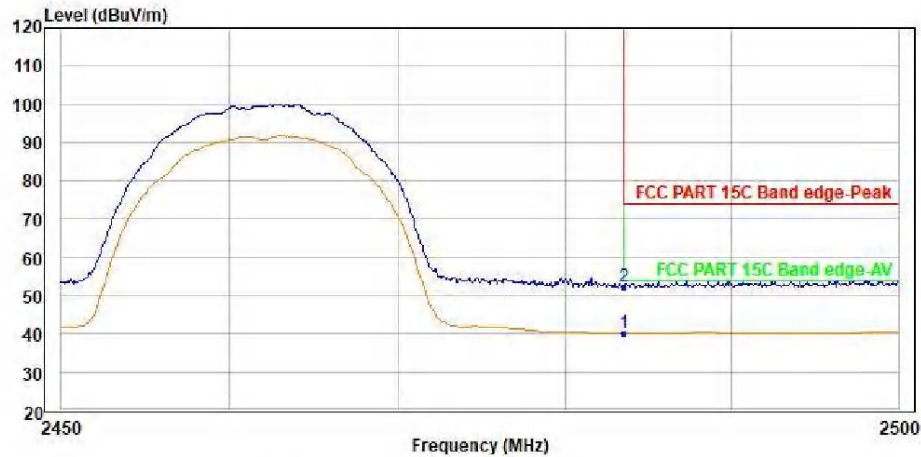


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_G_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	AV 2483.500	46.74	43.26	33.41	10.00	7.47	47.40	54.00	-7.26	Average
2	PP 2483.500	69.22	65.74	33.41	10.00	7.47	47.40	74.00	-4.78	Peak



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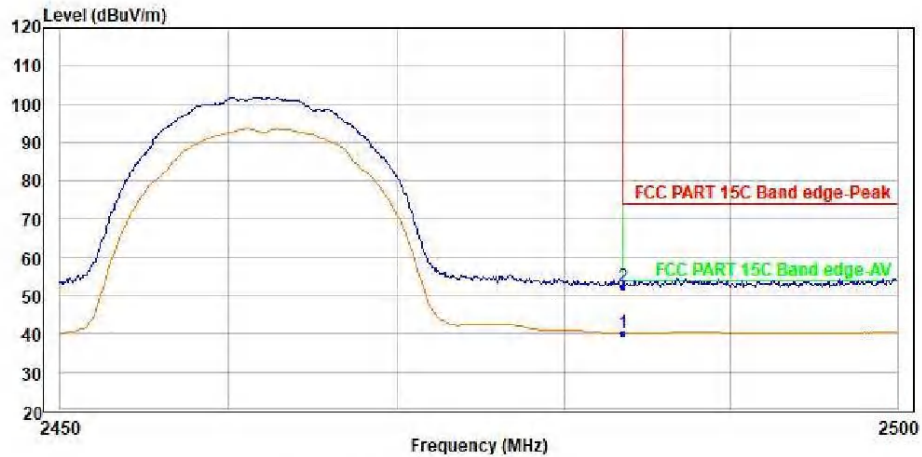


Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2483.500	40.02	36.54	33.41	10.00	7.47	47.40	54.00	-13.98	Average
2	PK 2483.500	52.32	48.84	33.41	10.00	7.47	47.40	74.00	-21.68	Peak



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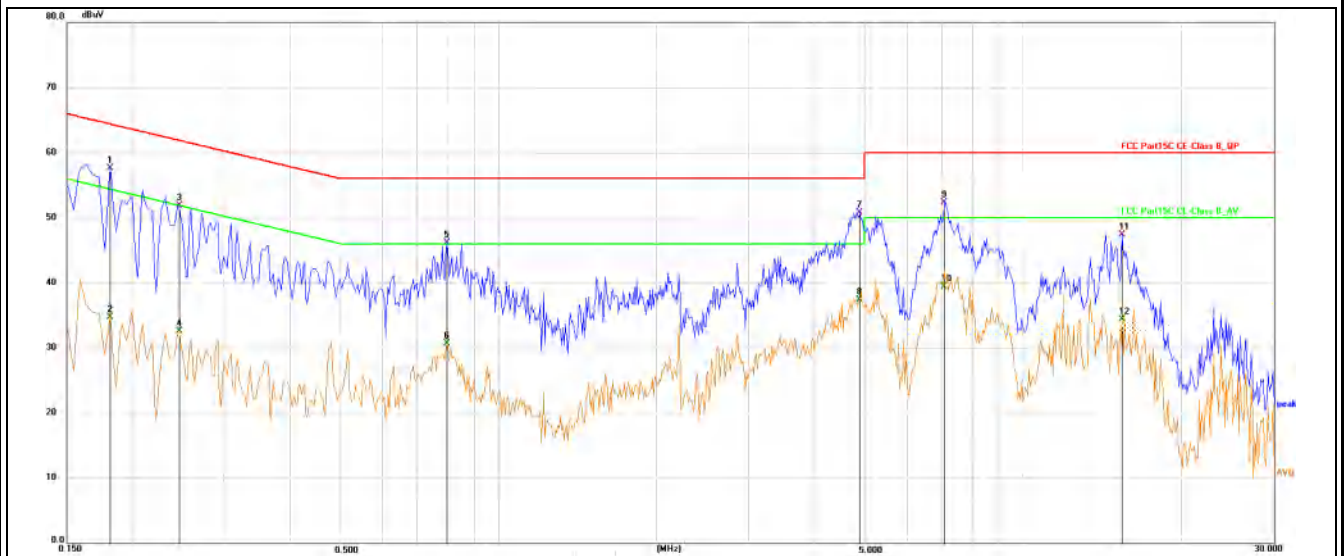


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.8(C)/61.3(%)
Press : 100.1kpa
Product : Smart A19 Dimmable Bulb
Model No. : 13aSB-A8065T-Q1R_NA
Power Rating : AC_120V/60Hz
Test Engineer : Jackson
Test Mode : 2.4G_B_2462
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP 2483.500	40.02	36.54	33.41	10.00	7.47	47.40	54.00	-13.98	Average
2	PK 2483.500	52.50	49.02	33.41	10.00	7.47	47.40	74.00	-21.50	Peak

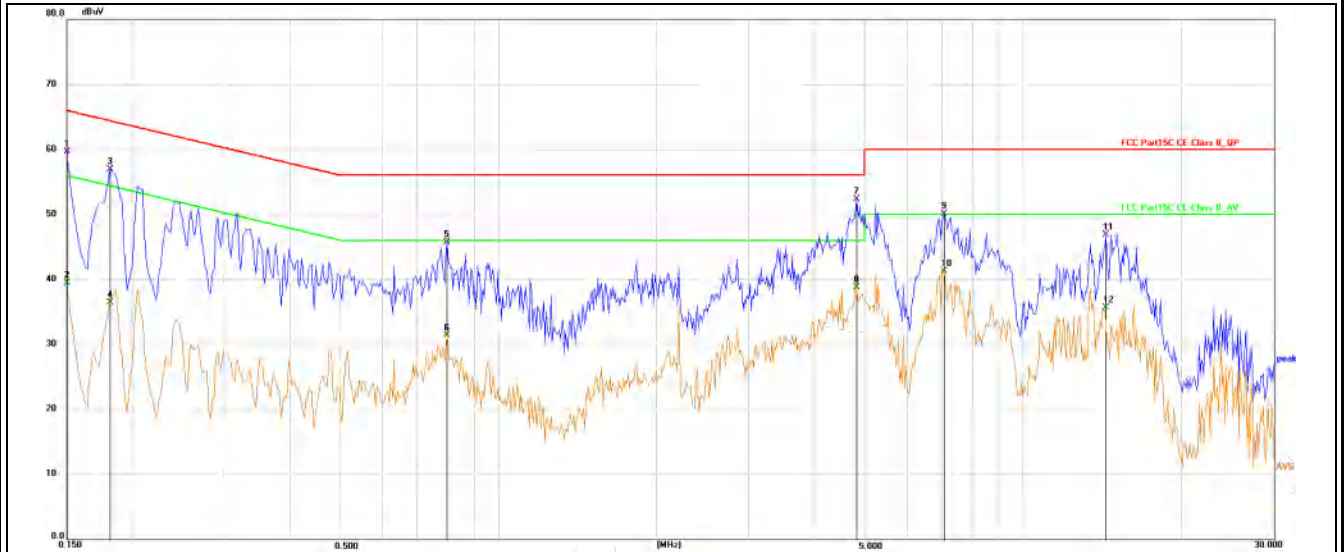
Appendix B.7: Test Results of Conducted Emission on AC Mains

Site:	LAB	Phase: L1	Temperature(°C):24.0(°C)
Limit:	FCC Part15C CE-Class B_QP	atm.press.: 100.1 kpa	Humidity(%): 54.5%RH
EUT:	Smart A19 Dimmable Bulb	Test Time:	2024/9/5 10:56:56
M/N.:	13aSB-A806ST-Q1R_NA	Power Rating:	AC120V/60Hz
Mode:	WIFI LINK	Test Engineer:	linson
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1814	47.43	10.18	57.61	64.42	-6.81	QP
2	0.1814	24.51	10.18	34.69	54.42	-19.73	AVG
3	0.2444	41.74	10.19	51.93	61.95	-10.02	QP
4	0.2444	22.39	10.19	32.58	51.95	-19.37	AVG
5	0.7980	35.95	10.25	46.20	56.00	-9.80	QP
6	0.7980	20.45	10.25	30.70	46.00	-15.30	AVG
7	4.8795	40.57	10.23	50.80	56.00	-5.20	QP
8	4.8795	27.21	10.23	37.44	46.00	-8.56	AVG
9	7.0663	41.84	10.50	52.34	60.00	-7.66	QP
10	7.0663	28.96	10.50	39.46	50.00	-10.54	AVG
11	15.4365	36.90	10.53	47.43	60.00	-12.57	QP
12	15.4365	23.82	10.53	34.35	50.00	-15.65	AVG

Site:	LAB	Phase: N	Temperature(°C):24.0(°C)
Limit:	FCC Part15C CE-Class B_QP	atm.press.: 100.1 kpa	Humidity(%): 54.5%RH
EUT:	Smart A19 Dimmable Bulb	Test Time:	2024/9/5 10:58:34
M/N.:	13aSB-A806ST-Q1R_NA	Power Rating:	AC120V/60Hz
Mode:	WIFI LINK	Test Engineer:	linson
Note:			



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	49.40	10.19	59.59	66.00	-6.41	QP
2	0.1500	29.26	10.19	39.45	56.00	-16.55	AVG
3	0.1814	46.88	10.10	56.98	64.42	-7.44	QP
4	0.1814	26.31	10.10	36.41	54.42	-18.01	AVG
5	0.7980	35.45	10.22	45.67	56.00	-10.33	QP
6	0.7980	21.14	10.22	31.36	46.00	-14.64	AVG
7	4.8075	42.05	10.28	52.33	56.00	-3.67	QP
8	4.8075	28.45	10.28	38.73	46.00	-7.27	AVG
9	7.0663	39.82	10.29	50.11	60.00	-9.89	QP
10	7.0663	30.97	10.29	41.26	50.00	-8.74	AVG
11	14.3655	36.23	10.61	46.84	60.00	-13.16	QP
12	14.3655	25.03	10.61	35.64	50.00	-14.36	AVG