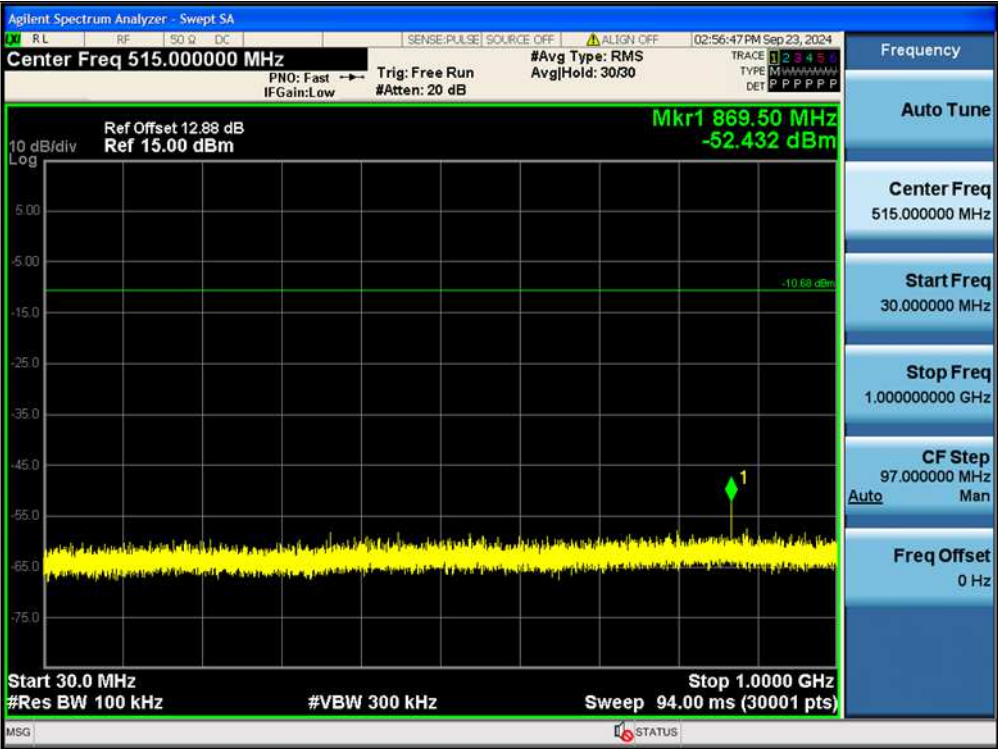
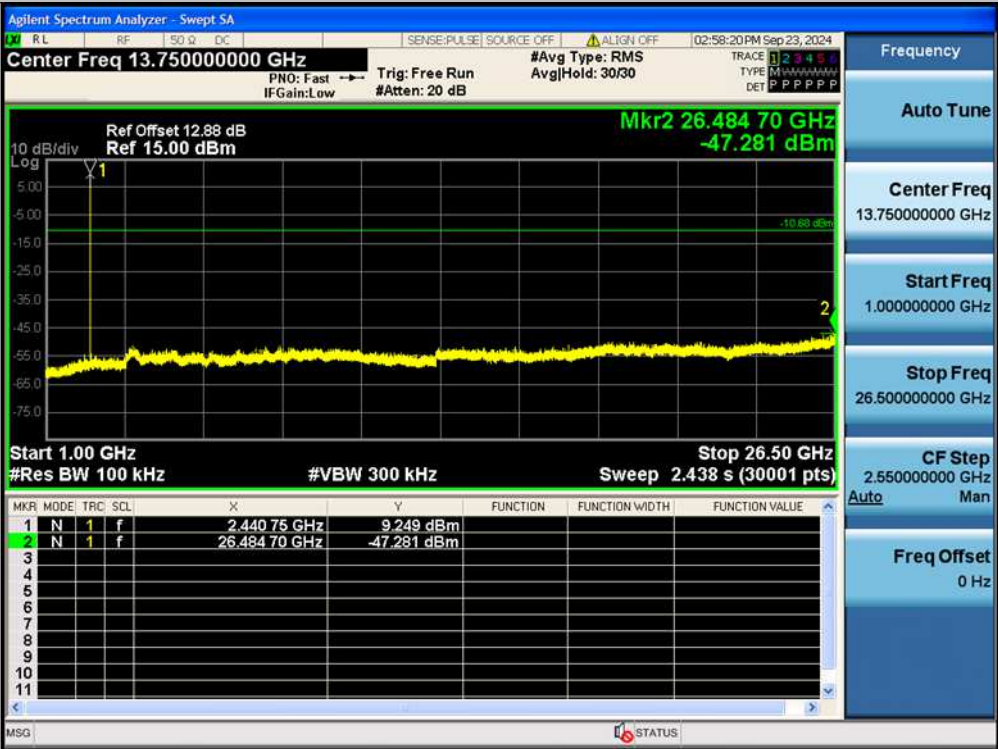




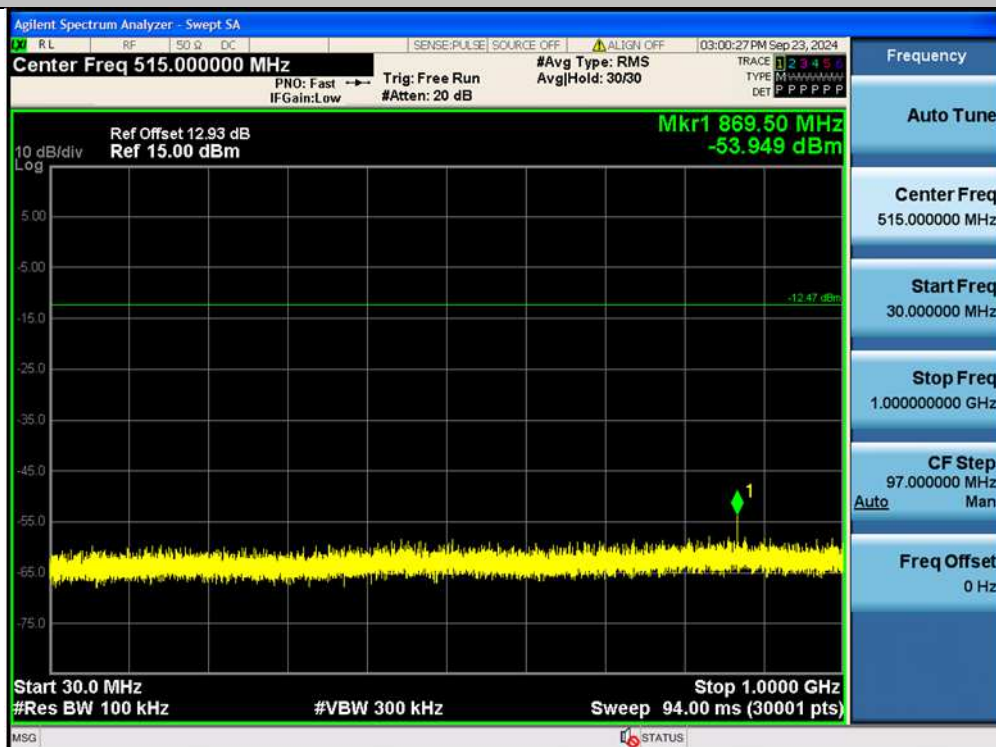
DH5-Ant1-2441-30~1000-PASS



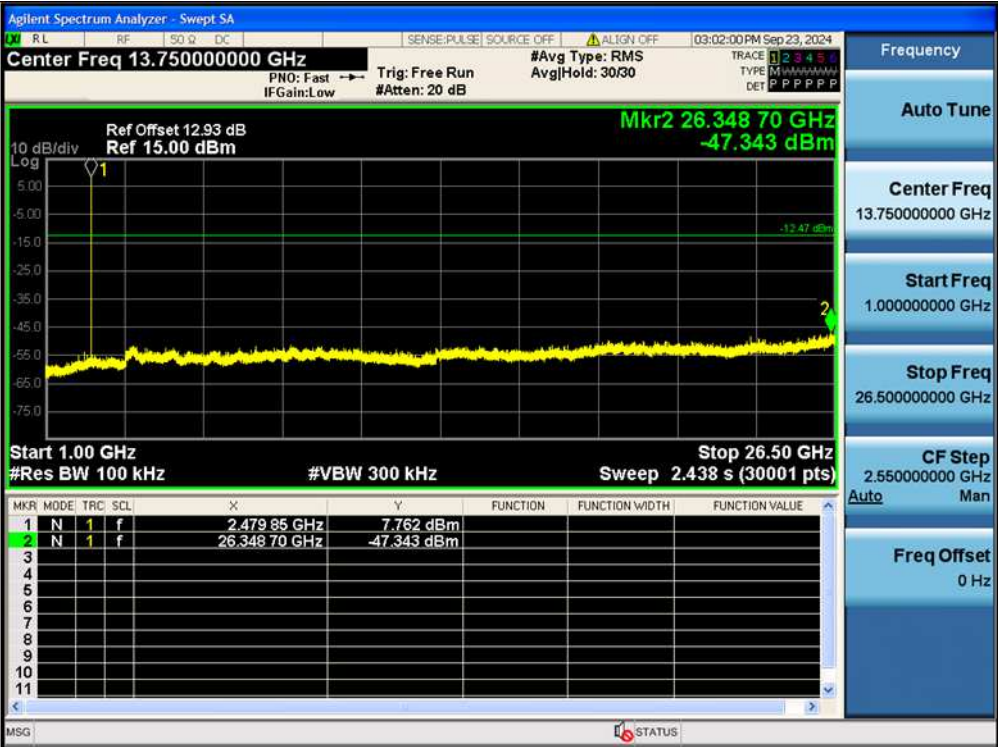
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



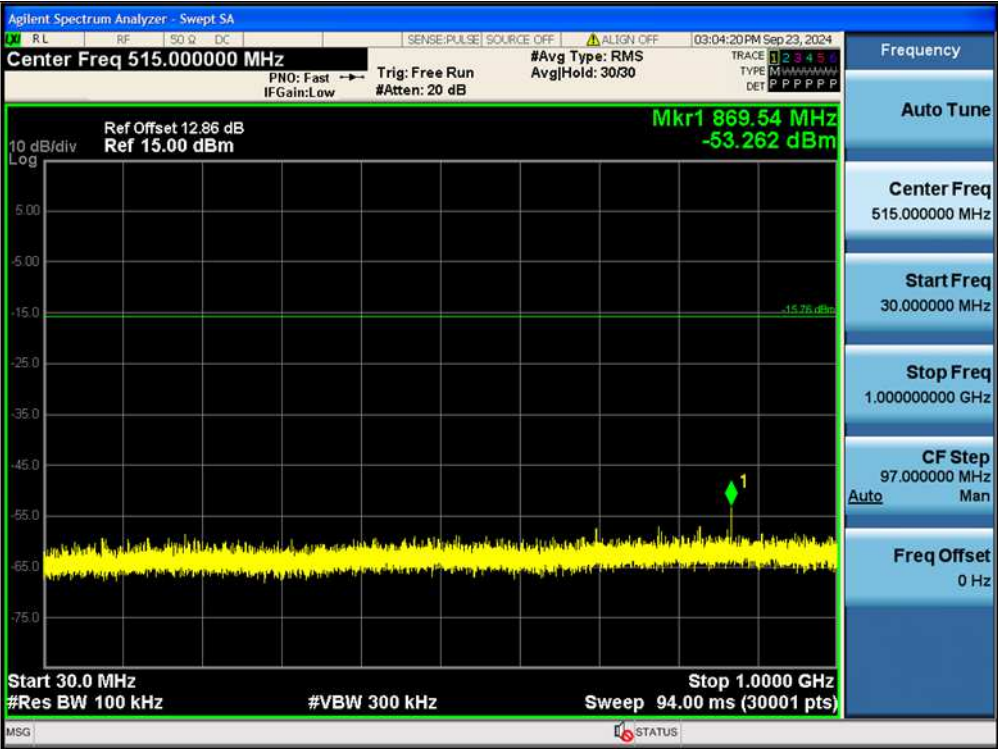
DH5-Ant1-2480-30~1000-PASS



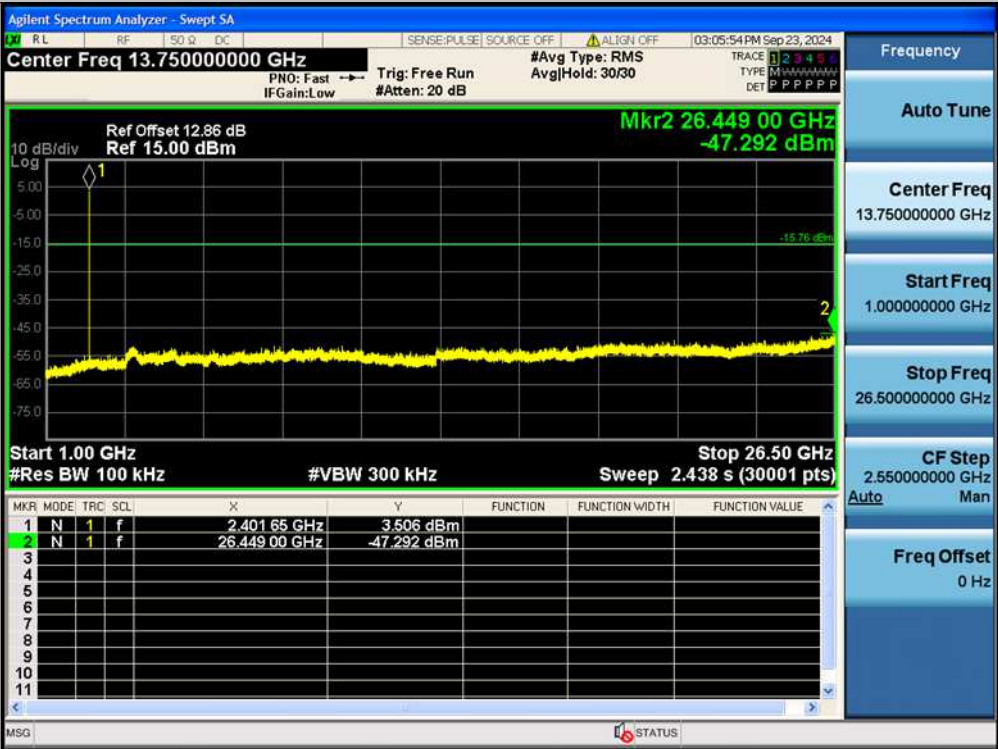
DH5-Ant1-2480-1000~26500-PASS



2DH5-Ant1-2402-0~Reference-PASS



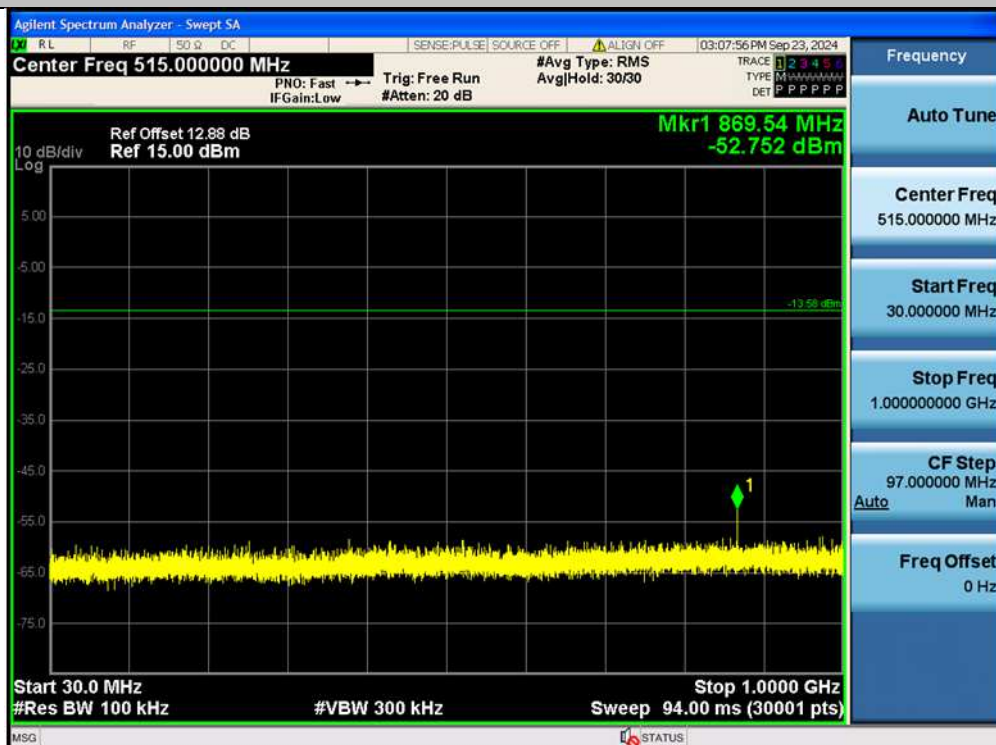
2DH5-Ant1-2402-30~1000-PASS



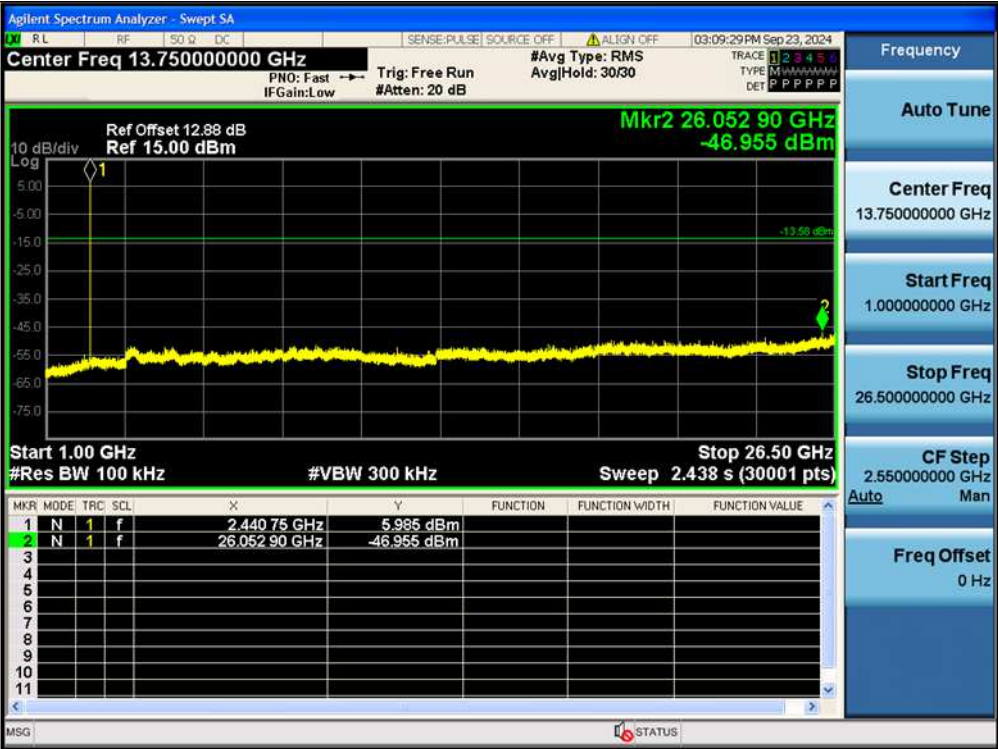
2DH5-Ant1-2402-1000~26500-PASS



2DH5-Ant1-2441-0~Reference-PASS



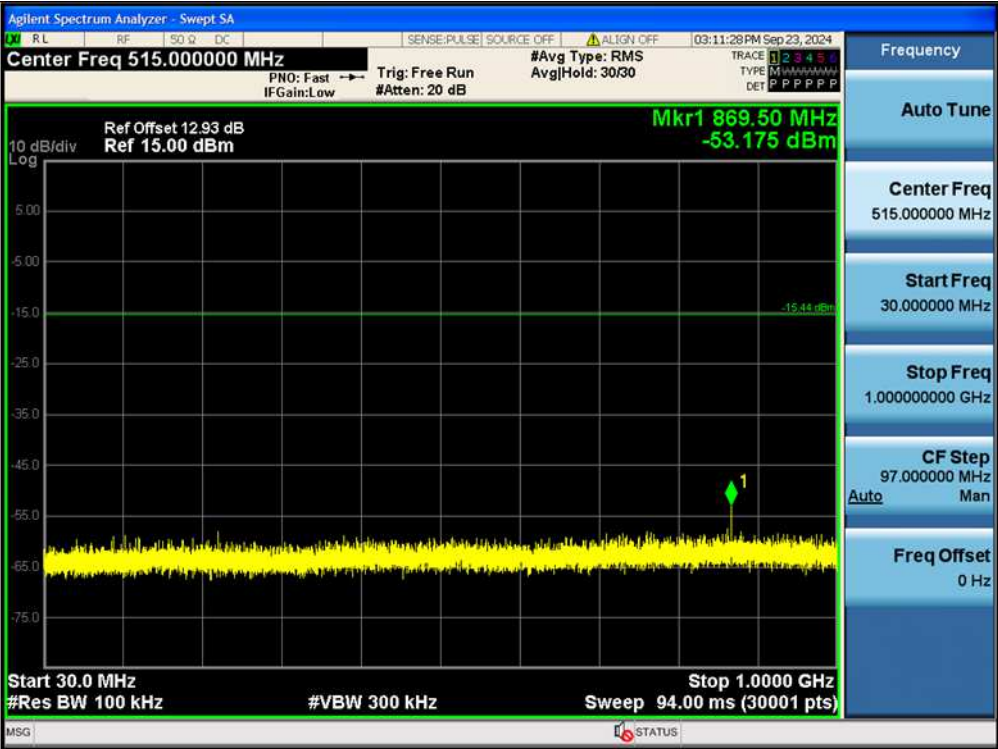
2DH5-Ant1-2441-30~1000-PASS



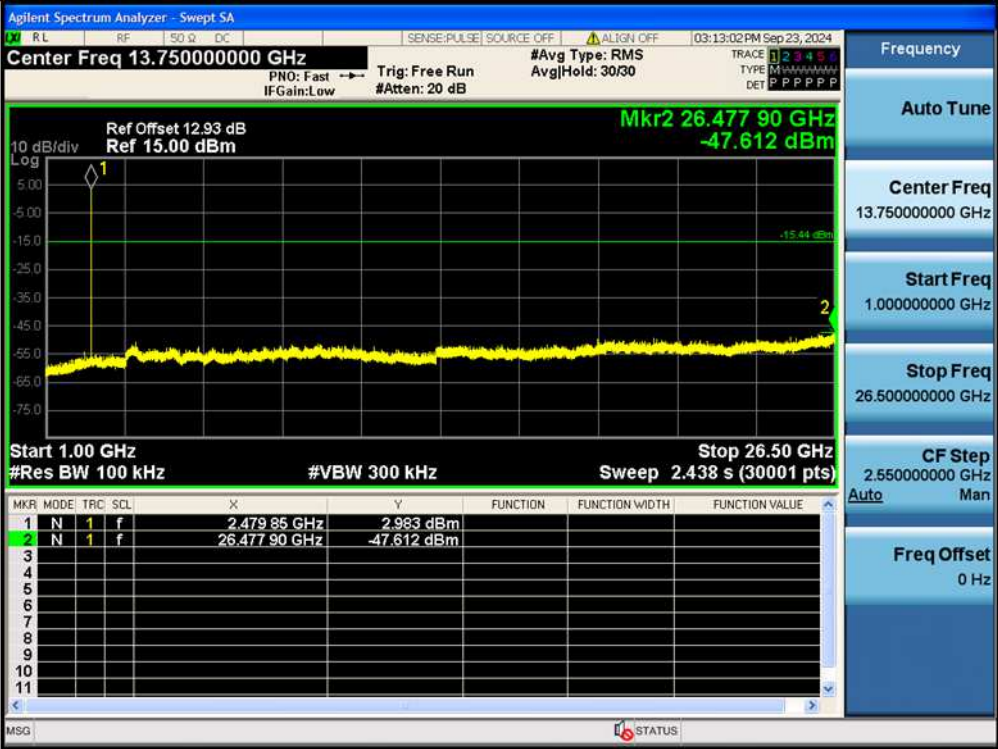
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



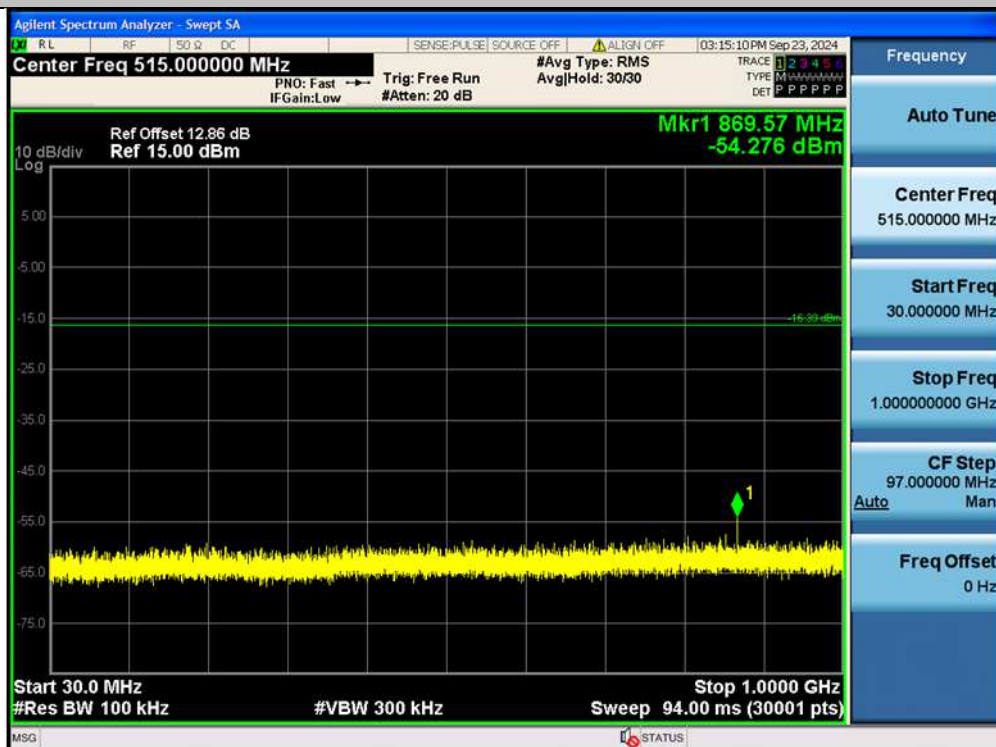
2DH5-Ant1-2480-30~1000-PASS



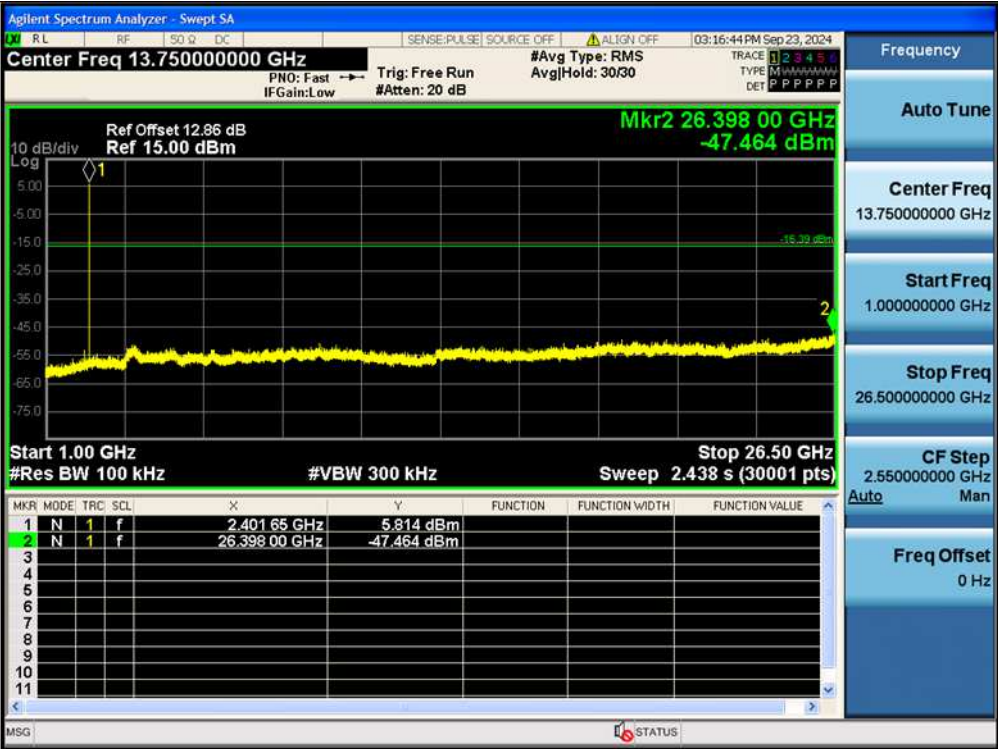
2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-0~Reference-PASS



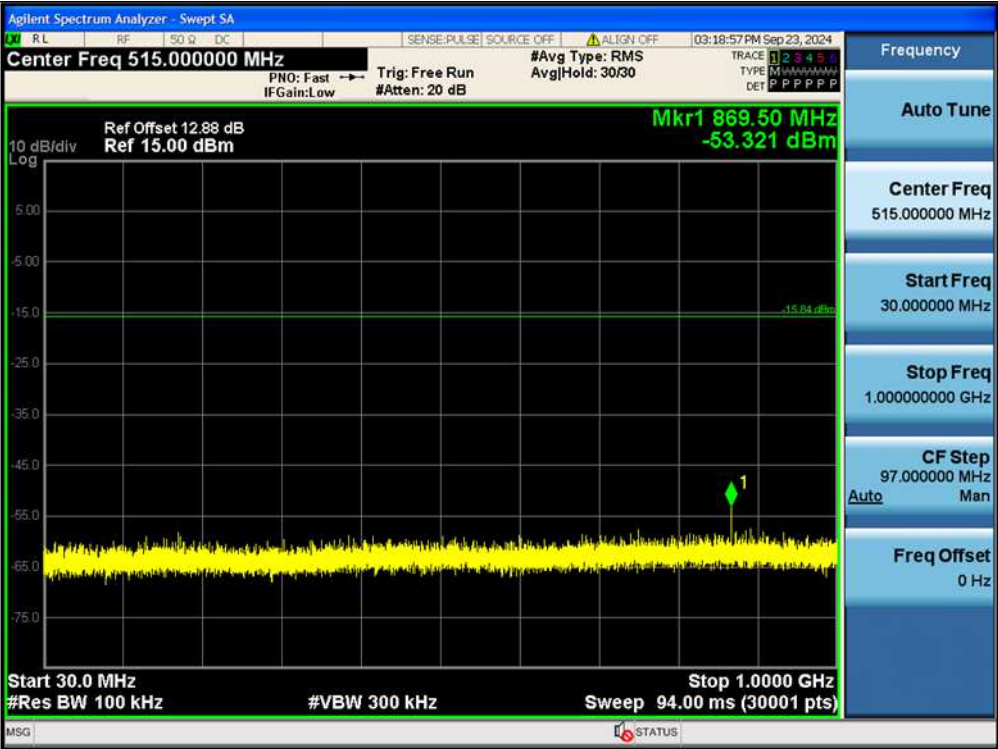
3DH5-Ant1-2402-30~1000-PASS



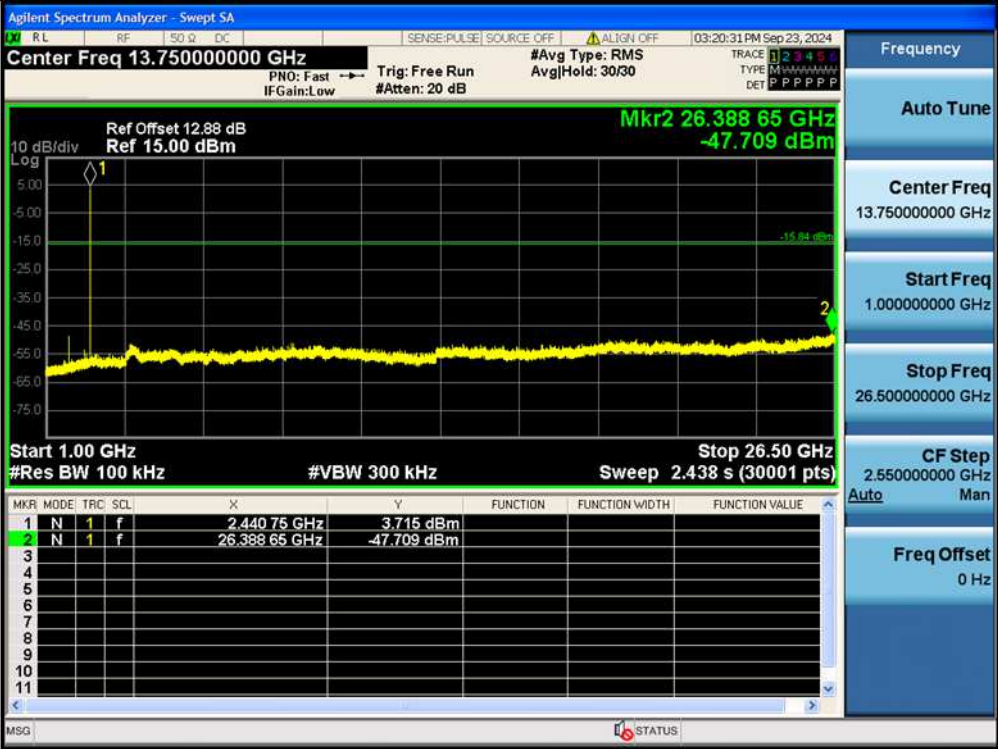
3DH5-Ant1-2402-1000~26500-PASS



3DH5-Ant1-2441-0~Reference-PASS



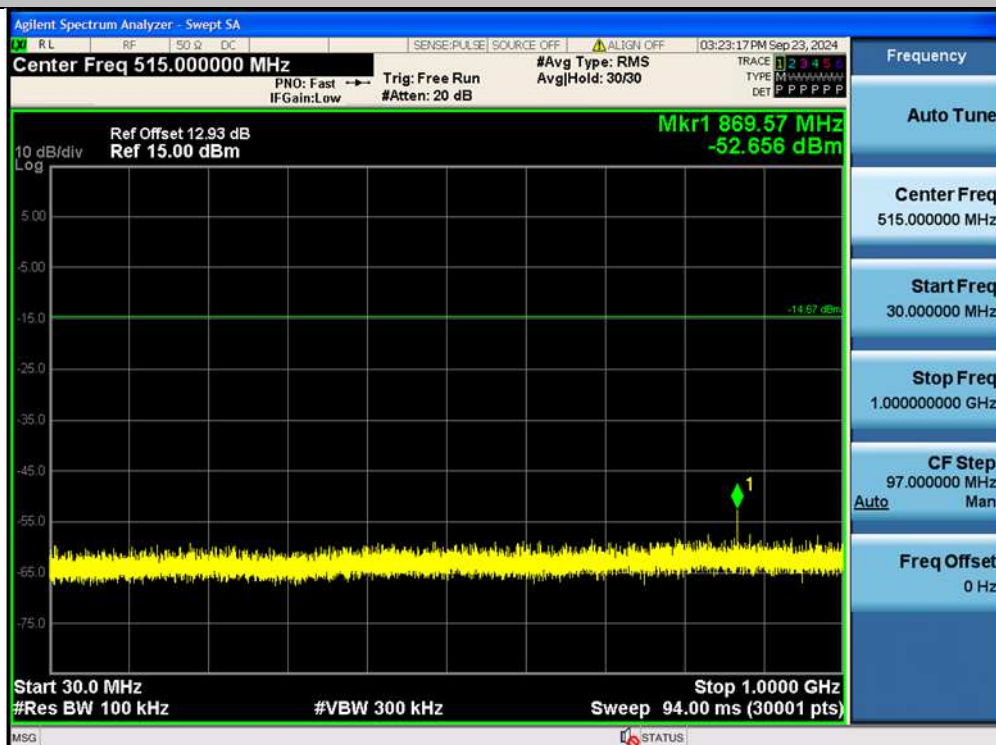
3DH5-Ant1-2441-30~1000-PASS



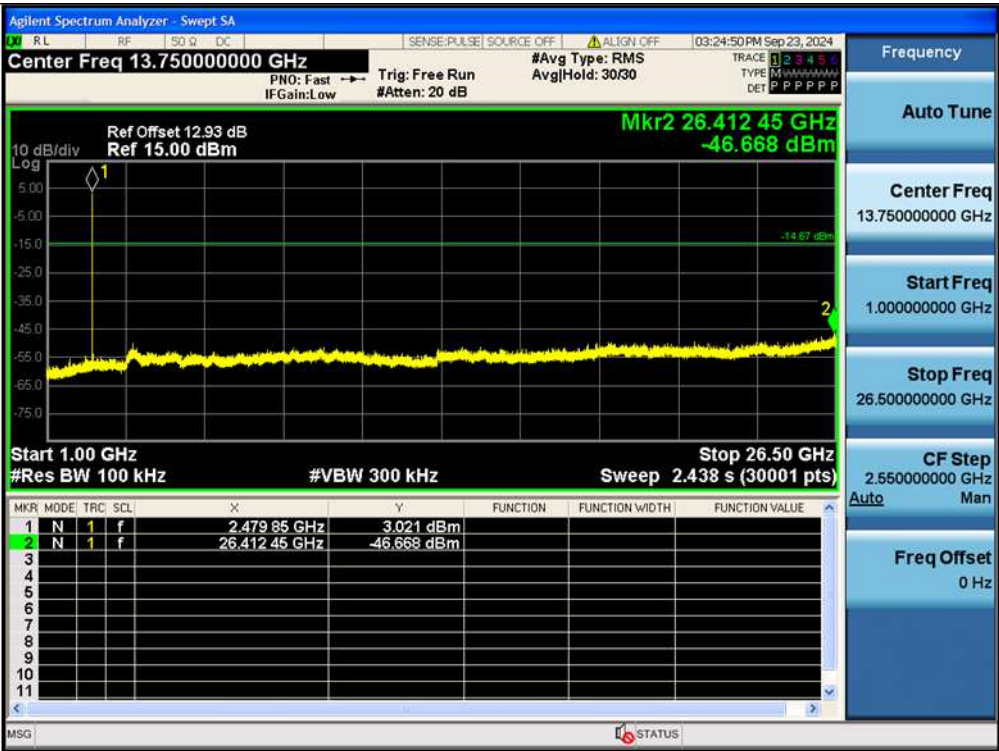
3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



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



3DH5-Ant1-2480-1000~26500-PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

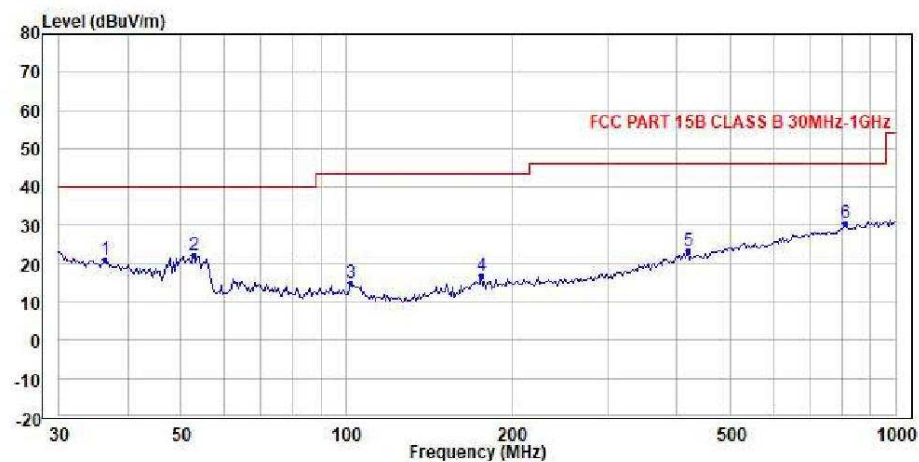
Note:

- 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.

30 MHz - 1GHz



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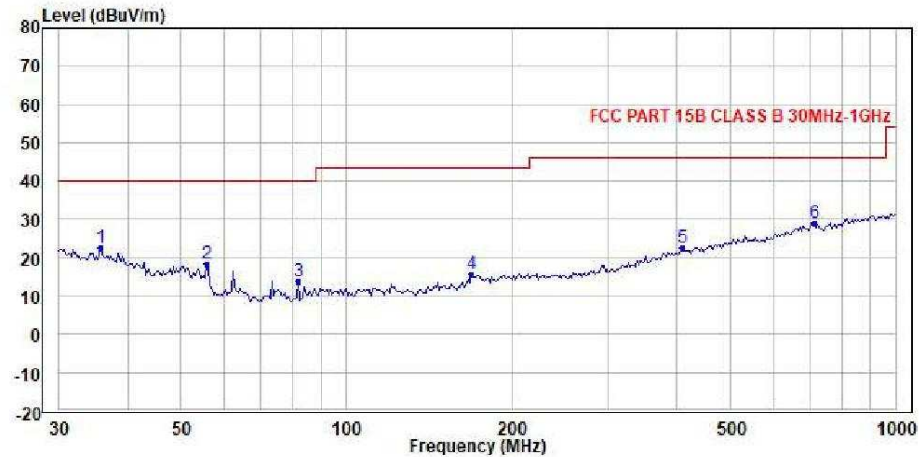


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.4(C)/60.4(%)
Press : 99.7kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : BT_LINK
Remark :

	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	36.268	20.90	27.70	21.32	0.00	0.78	28.90	40.00	-19.10	Peak
2	52.634	22.09	36.84	13.35	0.00	0.80	28.90	40.00	-17.91	Peak
3	101.893	15.08	30.75	12.17	0.00	1.06	28.90	43.50	-28.42	Peak
4	176.275	16.78	28.32	16.10	0.00	1.34	28.98	43.50	-26.72	Peak
5	418.378	23.22	27.55	22.97	0.00	1.93	29.23	46.00	-22.78	Peak
6 PP	809.924	30.50	27.20	29.90	0.00	2.59	29.19	46.00	-15.50	Peak



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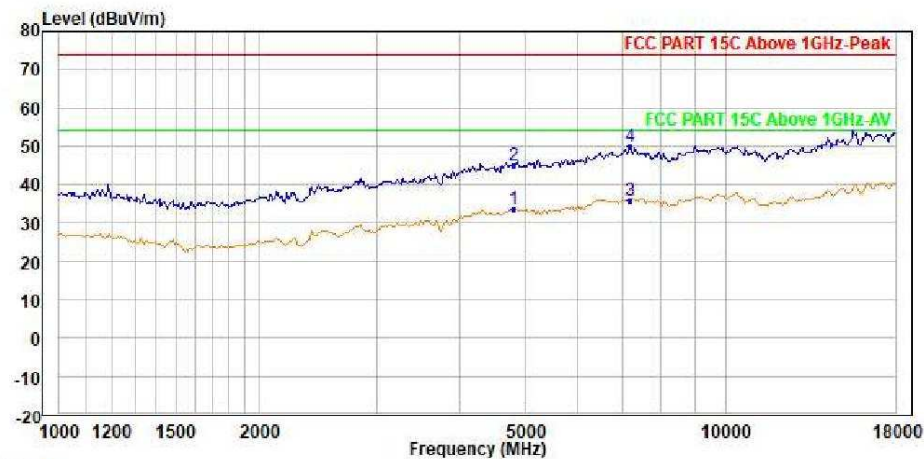
Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.4(C)/60.4(%)
Press : 99.7kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : BT_LINK
Remark :

	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	35.762	22.43	29.16	21.40	0.00	0.77	28.90	40.00	-17.57	Peak
2	55.678	18.24	34.89	11.43	0.00	0.82	28.90	40.00	-21.76	Peak
3	81.948	13.98	31.73	10.19	0.00	0.96	28.90	40.00	-26.02	Peak
4	168.997	15.71	27.87	15.50	0.00	1.31	28.97	43.50	-27.79	Peak
5	409.651	22.74	27.23	22.80	0.00	1.92	29.21	46.00	-23.26	Peak
6 PP	713.692	29.13	27.19	28.87	0.00	2.40	29.33	46.00	-16.87	Peak

1GHz - 18GHz



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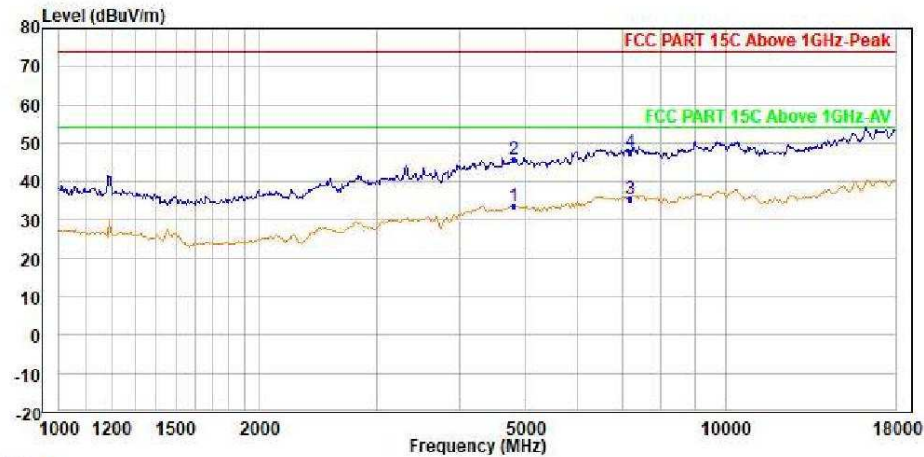


Trace: 1
Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2402
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preampl Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	4804.000	33.58	35.66	34.46	0.00	9.32	45.86	54.00	-20.42	Average
2	4804.000	44.84	46.92	34.46	0.00	9.32	45.86	74.00	-29.16	Peak
3 PP	7206.000	35.91	34.61	36.50	0.00	10.34	45.54	54.00	-18.09	Average
4 PK	7206.000	49.94	48.64	36.50	0.00	10.34	45.54	74.00	-24.06	Peak



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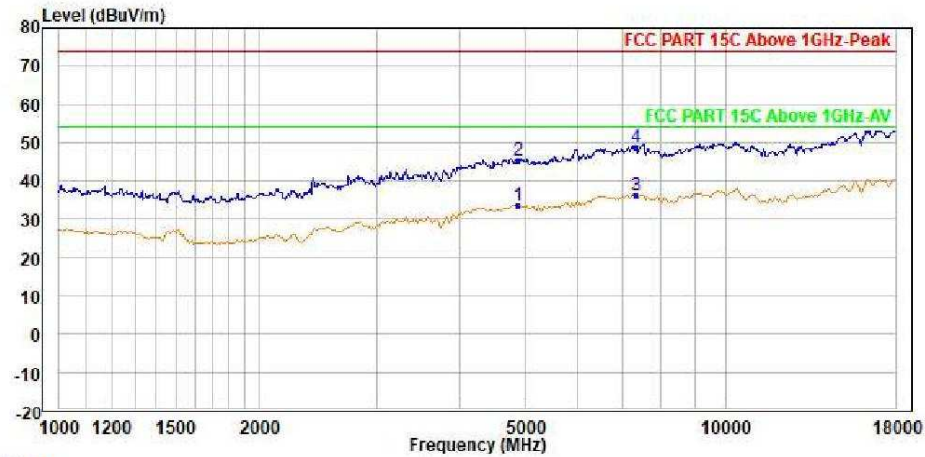


Trace: 1
Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2402
Remark :

	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	4804.000	33.48	35.56	34.46	0.00	9.32	45.86	54.00	-20.52	Average
2	4804.000	45.60	47.68	34.46	0.00	9.32	45.86	74.00	-28.40	Peak
3 PP	7206.000	35.70	34.40	36.50	0.00	10.34	45.54	54.00	-18.30	Average
4 PK	7206.000	47.85	46.55	36.50	0.00	10.34	45.54	74.00	-26.15	Peak



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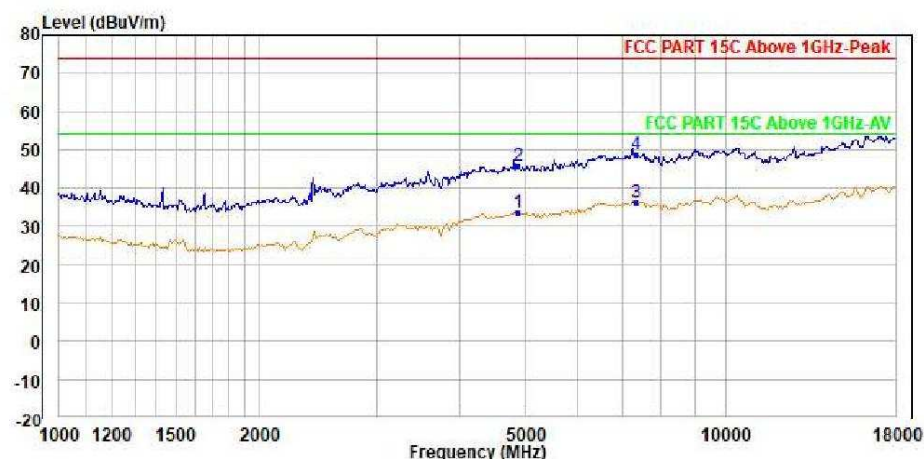


Trace: 1
Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DH5_2441
Remark :

	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	4882.000	33.59	35.64	34.48	0.00	9.35	45.88	54.00	-20.41	Average
2	4882.000	45.52	47.57	34.48	0.00	9.35	45.88	74.00	-28.48	Peak
3 PP	7323.000	36.12	34.81	36.50	0.00	10.37	45.56	54.00	-17.88	Average
4 PK	7323.000	48.94	47.63	36.50	0.00	10.37	45.56	74.00	-25.06	Peak



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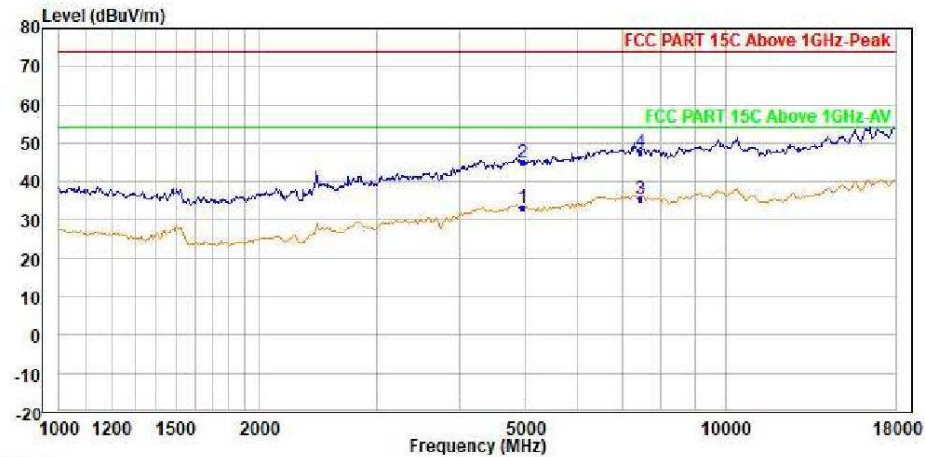


Trace: 1
Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DH5_2441
Remark :

	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	4882.000	33.68	35.73	34.48	0.00	9.35	45.88	54.00	-20.32	Average
2	4882.000	45.92	47.97	34.48	0.00	9.35	45.88	74.00	-28.08	Peak
3 PP	7323.000	36.14	34.83	36.50	0.00	10.37	45.56	54.00	-17.86	Average
4 PK	7323.000	48.72	47.41	36.50	0.00	10.37	45.56	74.00	-25.28	Peak



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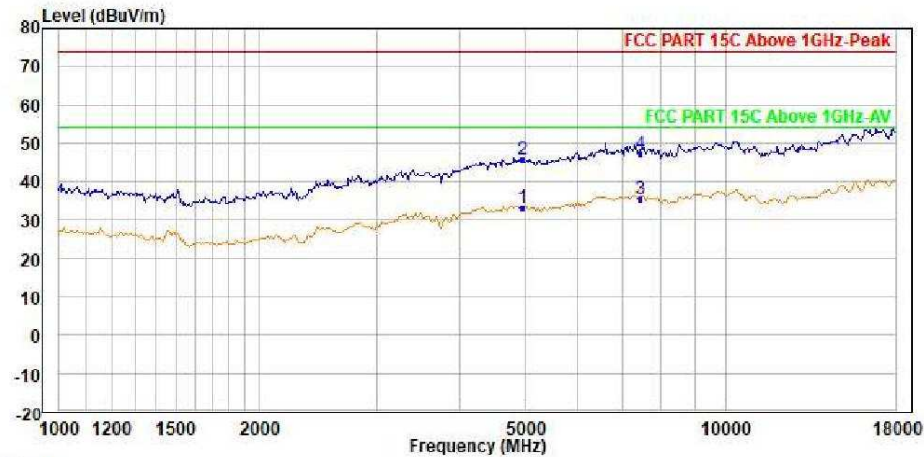


Trace: 1
Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2480
Remark :

	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	4960.000	33.39	35.41	34.49	0.00	9.38	45.89	54.00	-20.61	Average
2	4960.000	45.01	47.03	34.49	0.00	9.38	45.89	74.00	-28.99	Peak
3 PP	7440.000	35.64	34.32	36.50	0.00	10.41	45.59	54.00	-18.36	Average
4 PK	7440.000	47.72	46.40	36.50	0.00	10.41	45.59	74.00	-26.28	Peak



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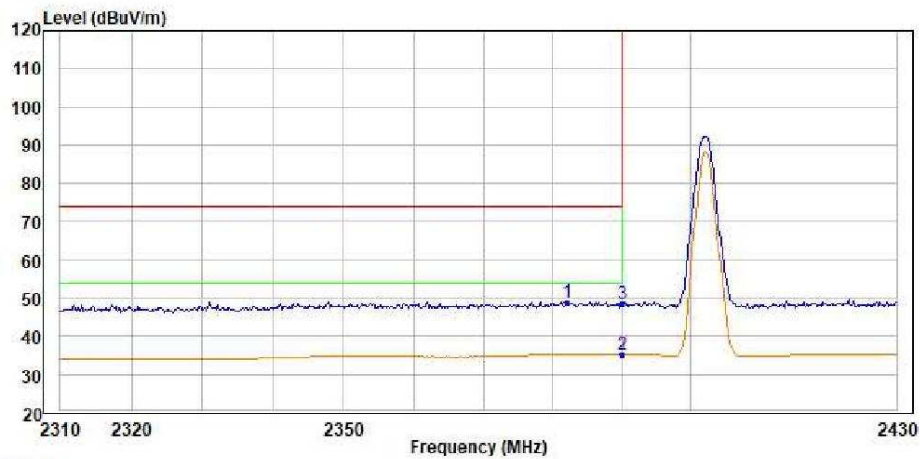
Trace: 1
Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.2(C)/60.4(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2480
Remark :

	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	4960.000	33.37	35.39	34.49	0.00	9.38	45.89	54.00	-20.63	Average
2	4960.000	45.70	47.72	34.49	0.00	9.38	45.89	74.00	-28.30	Peak
3 PP	7440.000	35.67	34.35	36.50	0.00	10.41	45.59	54.00	-18.33	Average
4 PK	7440.000	47.30	45.98	36.50	0.00	10.41	45.59	74.00	-26.70	Peak

Appendix A.8: Test Results of Radiated Emissions in Restricted Bands



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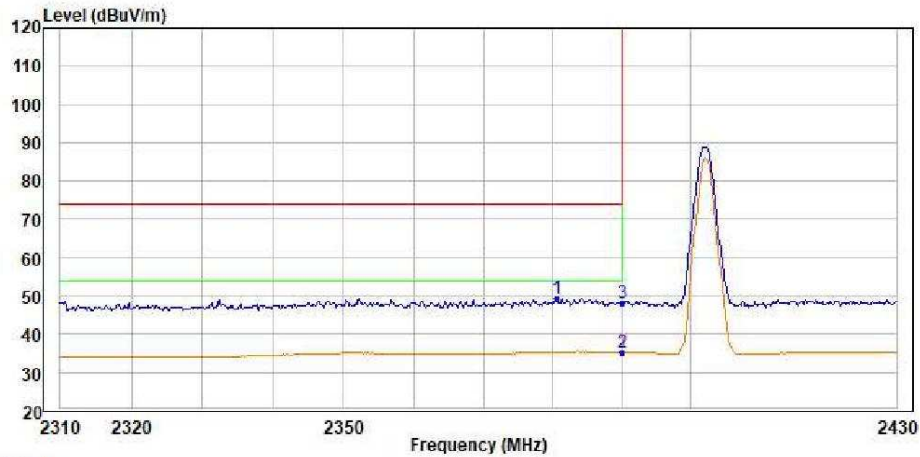


Trace: 1
Condition : 3m Horizontal
Temp.(C)/Hum.(%) : 24.7(C)/62.5(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2402
Remark :

	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 2382.024	48.93	47.46	31.53	10.00	7.34	47.40	74.00	-25.07	Peak
2	PP 2390.000	35.18	33.68	31.55	10.00	7.35	47.40	54.00	-18.82	Average
3	2390.000	48.46	46.96	31.55	10.00	7.35	47.40	74.00	-25.54	Peak



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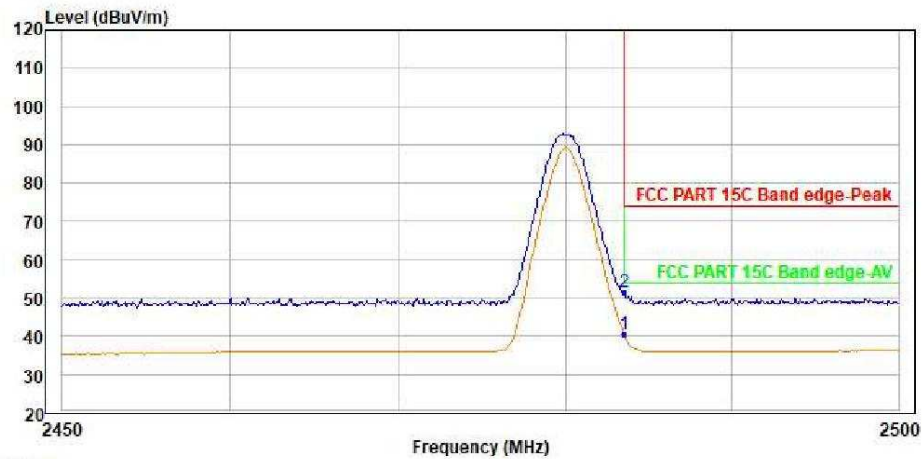


Trace: 1
Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.7(C)/62.5(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DHS_2402
Remark :

	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 2380.461	49.22	47.75	31.53	10.00	7.34	47.40	74.00	-24.78	Peak
2	PP 2390.000	35.18	33.68	31.55	10.00	7.35	47.40	54.00	-18.82	Average
3	2390.000	47.98	46.48	31.55	10.00	7.35	47.40	74.00	-26.02	Peak



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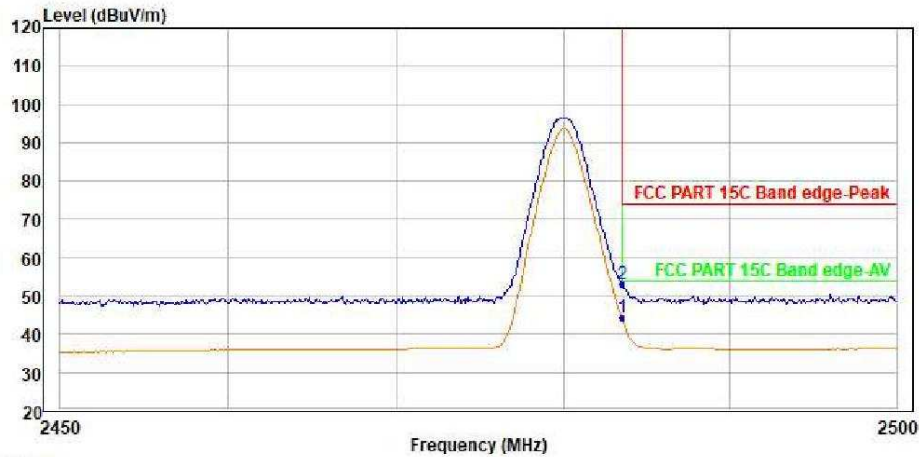


Trace: 1
Condition : 3m Vertical
Temp.(C)/Hum.(%): 24.7(C)/62.5(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DH5_2480
Remark :

	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	40.67	38.92	31.68	10.00	7.47	47.40	54.00	-13.33	Average
2 PK	2483.500	51.46	49.71	31.68	10.00	7.47	47.40	74.00	-22.54	Peak



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Trace: 1
Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.7(C)/62.5(%)
Press : 99.9kpa
Product : ECU-Display Head Unit
Model No. : EEBABCDE1
Power Rating : AC 120V/60Hz
Test Engineer : Jackson
Test Mode : DH5_2480
Remark :

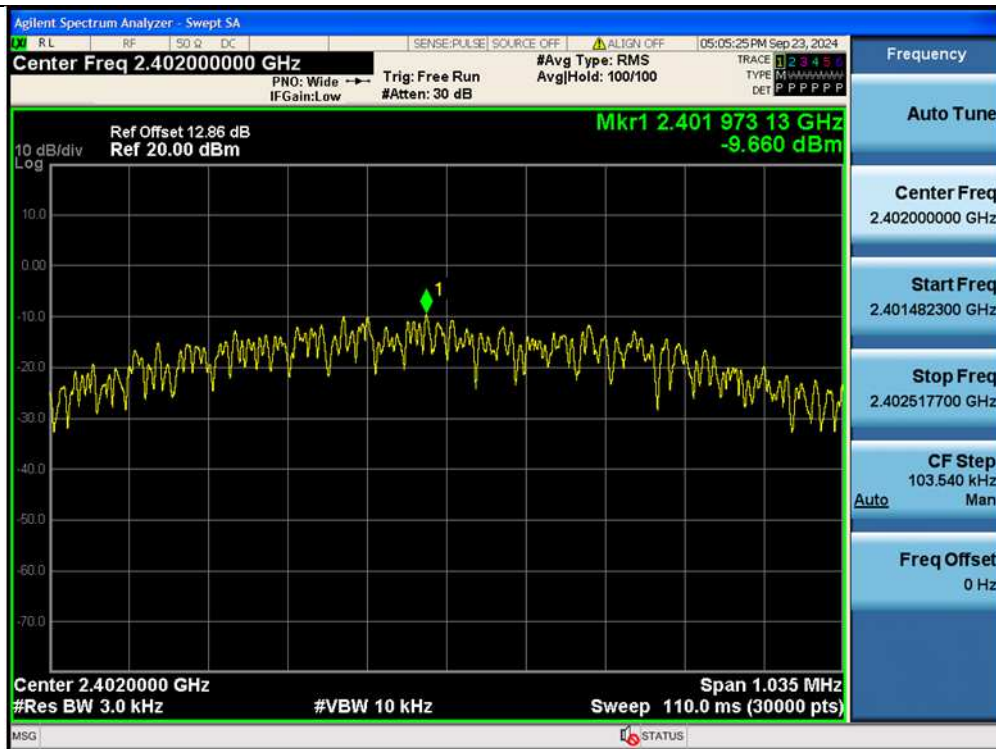
	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	2483.500	44.35	42.60	31.68	10.00	7.47	47.40	54.00	-9.65	Average
2 PK	2483.500	53.24	51.49	31.68	10.00	7.47	47.40	74.00	-20.76	Peak

Appendix B: Test Results of Bluetooth LE

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

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.66	≤8.00	PASS
BLE_1M	Ant1	2440	-8.80	≤8.00	PASS
BLE_1M	Ant1	2480	-10.20	≤8.00	PASS
BLE_2M	Ant1	2402	-11.59	≤8.00	PASS
BLE_2M	Ant1	2440	-10.72	≤8.00	PASS
BLE_2M	Ant1	2480	-12.09	≤8.00	PASS



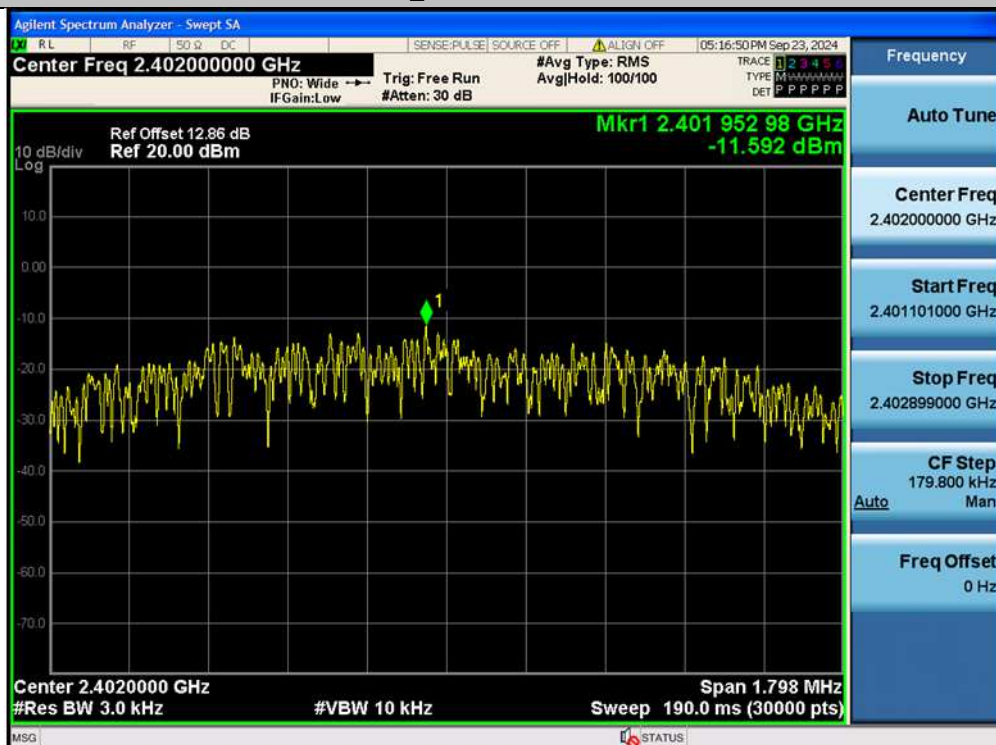
BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.664	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.692	2439.640	2440.332	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.636	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.160	2401.416	2402.576	0.5	PASS
BLE_2M	Ant1	2440	1.136	2439.424	2440.560	0.5	PASS
BLE_2M	Ant1	2480	1.240	2479.348	2480.588	0.5	PASS



BLE_1M-Ant1-2402-PASS



BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0336	2401.4915	2402.5251	---	PASS
BLE_1M	Ant1	2440	1.0313	2439.4891	2440.5204	---	PASS
BLE_1M	Ant1	2480	1.0372	2479.4861	2480.5233	---	PASS
BLE_2M	Ant1	2402	2.0682	2400.9833	2403.0515	---	PASS
BLE_2M	Ant1	2440	2.0555	2438.9906	2441.0461	---	PASS
BLE_2M	Ant1	2480	2.0636	2478.9774	2481.0410	---	PASS



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440