

Report No.: SUCR240400008902

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Appendix B.40

NR Band n26(814-824)



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Transmitter Conducted Power Output

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Limit (dBm)	Verdict
N26-814-824	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.78	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.82	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	L	Outer_Full	23.78	50	PASS
N26-814-824	15	5	DFT-QPSK	L	Inner_1RB_Left	23.62	50	PASS
N26-814-824	15	5	DFT-QPSK	L	Inner_1RB_Right	23.77	50	PASS
N26-814-824	15	5	DFT-QPSK	L	Outer_Full	23.7	50	PASS
N26-814-824	15	5	DFT-16QAM	L	Inner_1RB_Left	23.64	50	PASS
N26-814-824	15	5	DFT-16QAM	L	Inner_1RB_Right	23.79	50	PASS
N26-814-824	15	5	DFT-16QAM	L	Outer_Full	22.92	50	PASS
N26-814-824	15	5	DFT-64QAM	L	Inner_1RB_Left	22.51	50	PASS
N26-814-824	15	5	DFT-64QAM	L	Inner_1RB_Right	22.56	50	PASS
N26-814-824	15	5	DFT-64QAM	L	Outer_Full	22.35	50	PASS
N26-814-824	15	5	DFT-256QAM	L	Inner_1RB_Left	19.82	50	PASS
N26-814-824	15	5	DFT-256QAM	L	Inner_1RB_Right	19.96	50	PASS
N26-814-824	15	5	DFT-256QAM	L	Outer_Full	20.28	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.82	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.68	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Outer_Full	23.83	50	PASS
N26-814-824	15	5	DFT-QPSK	M	Inner_1RB_Left	23.72	50	PASS



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N26-814-824	15	5	DFT-QPSK	M	Inner_1RB_Right	23.78	50	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	23.75	50	PASS
N26-814-824	15	5	DFT-16QAM	M	Inner_1RB_Left	23.63	50	PASS
N26-814-824	15	5	DFT-16QAM	M	Inner_1RB_Right	23.67	50	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	22.88	50	PASS
N26-814-824	15	5	DFT-64QAM	M	Inner_1RB_Left	22.43	50	PASS
N26-814-824	15	5	DFT-64QAM	M	Inner_1RB_Right	22.63	50	PASS
N26-814-824	15	5	DFT-64QAM	M	Outer_Full	22.37	50	PASS
N26-814-824	15	5	DFT-256QAM	M	Inner_1RB_Left	19.89	50	PASS
N26-814-824	15	5	DFT-256QAM	M	Inner_1RB_Right	19.85	50	PASS
N26-814-824	15	5	DFT-256QAM	M	Outer_Full	20.27	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.79	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.64	50	PASS
N26-814-824	15	5	DFT-PI2BPSK	H	Outer_Full	23.75	50	PASS
N26-814-824	15	5	DFT-QPSK	H	Inner_1RB_Left	23.76	50	PASS
N26-814-824	15	5	DFT-QPSK	H	Inner_1RB_Right	23.68	50	PASS
N26-814-824	15	5	DFT-QPSK	H	Outer_Full	23.71	50	PASS
N26-814-824	15	5	DFT-16QAM	H	Inner_1RB_Left	23.64	50	PASS
N26-814-824	15	5	DFT-16QAM	H	Inner_1RB_Right	23.61	50	PASS
N26-814-824	15	5	DFT-16QAM	H	Outer_Full	22.84	50	PASS
N26-814-824	15	5	DFT-64QAM	H	Inner_1RB_Left	22.52	50	PASS
N26-814-824	15	5	DFT-64QAM	H	Inner_1RB_Right	22.49	50	PASS

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N26-814-824	15	5	DFT-64QAM	H	Outer_Full	22.35	50	PASS
N26-814-824	15	5	DFT-256QAM	H	Inner_1RB_Left	19.85	50	PASS
N26-814-824	15	5	DFT-256QAM	H	Inner_1RB_Right	19.81	50	PASS
N26-814-824	15	5	DFT-256QAM	H	Outer_Full	20.32	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.64	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.64	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	L	Outer_Full	23.73	50	PASS
N26-814-824	15	10	DFT-QPSK	L	Inner_1RB_Left	23.6	50	PASS
N26-814-824	15	10	DFT-QPSK	L	Inner_1RB_Right	23.68	50	PASS
N26-814-824	15	10	DFT-QPSK	L	Outer_Full	23.79	50	PASS
N26-814-824	15	10	DFT-16QAM	L	Inner_1RB_Left	23.63	50	PASS
N26-814-824	15	10	DFT-16QAM	L	Inner_1RB_Right	23.62	50	PASS
N26-814-824	15	10	DFT-16QAM	L	Outer_Full	22.86	50	PASS
N26-814-824	15	10	DFT-64QAM	L	Inner_1RB_Left	22.48	50	PASS
N26-814-824	15	10	DFT-64QAM	L	Inner_1RB_Right	22.51	50	PASS
N26-814-824	15	10	DFT-64QAM	L	Outer_Full	22.38	50	PASS
N26-814-824	15	10	DFT-256QAM	L	Inner_1RB_Left	19.66	50	PASS
N26-814-824	15	10	DFT-256QAM	L	Inner_1RB_Right	19.74	50	PASS
N26-814-824	15	10	DFT-256QAM	L	Outer_Full	20.33	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.63	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.71	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	23.76	50	PASS

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N26-814-824	15	10	DFT-QPSK	M	Inner_1RB_Left	23.61	50	PASS
N26-814-824	15	10	DFT-QPSK	M	Inner_1RB_Right	23.64	50	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	23.76	50	PASS
N26-814-824	15	10	DFT-16QAM	M	Inner_1RB_Left	23.58	50	PASS
N26-814-824	15	10	DFT-16QAM	M	Inner_1RB_Right	23.66	50	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	22.84	50	PASS
N26-814-824	15	10	DFT-64QAM	M	Inner_1RB_Left	22.49	50	PASS
N26-814-824	15	10	DFT-64QAM	M	Inner_1RB_Right	22.56	50	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	22.4	50	PASS
N26-814-824	15	10	DFT-256QAM	M	Inner_1RB_Left	19.74	50	PASS
N26-814-824	15	10	DFT-256QAM	M	Inner_1RB_Right	19.89	50	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	20.37	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.54	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.65	50	PASS
N26-814-824	15	10	DFT-PI2BPSK	H	Outer_Full	23.7	50	PASS
N26-814-824	15	10	DFT-QPSK	H	Inner_1RB_Left	23.6	50	PASS
N26-814-824	15	10	DFT-QPSK	H	Inner_1RB_Right	23.7	50	PASS
N26-814-824	15	10	DFT-QPSK	H	Outer_Full	23.75	50	PASS
N26-814-824	15	10	DFT-16QAM	H	Inner_1RB_Left	23.61	50	PASS
N26-814-824	15	10	DFT-16QAM	H	Inner_1RB_Right	23.58	50	PASS
N26-814-824	15	10	DFT-16QAM	H	Outer_Full	22.86	50	PASS
N26-814-824	15	10	DFT-64QAM	H	Inner_1RB_Left	22.51	50	PASS

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N26-814-824	15	10	DFT-64QAM	H	Inner_1RB_Right	22.51	50	PASS
N26-814-824	15	10	DFT-64QAM	H	Outer_Full	22.44	50	PASS
N26-814-824	15	10	DFT-256QAM	H	Inner_1RB_Left	19.69	50	PASS
N26-814-824	15	10	DFT-256QAM	H	Inner_1RB_Right	19.84	50	PASS
N26-814-824	15	10	DFT-256QAM	H	Outer_Full	20.33	50	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N26-814-824	15	10	DFT-256QAM	L	Outer_Full	6.19	13	PASS
N26-814-824	15	10	CP-256QAM	L	Outer_Full	8.10	13	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	8.20	13	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	8.34	13	PASS
N26-814-824	15	10	DFT-256QAM	H	Outer_Full	8.25	13	PASS
N26-814-824	15	10	CP-256QAM	H	Outer_Full	8.38	13	PASS



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Test Graphs

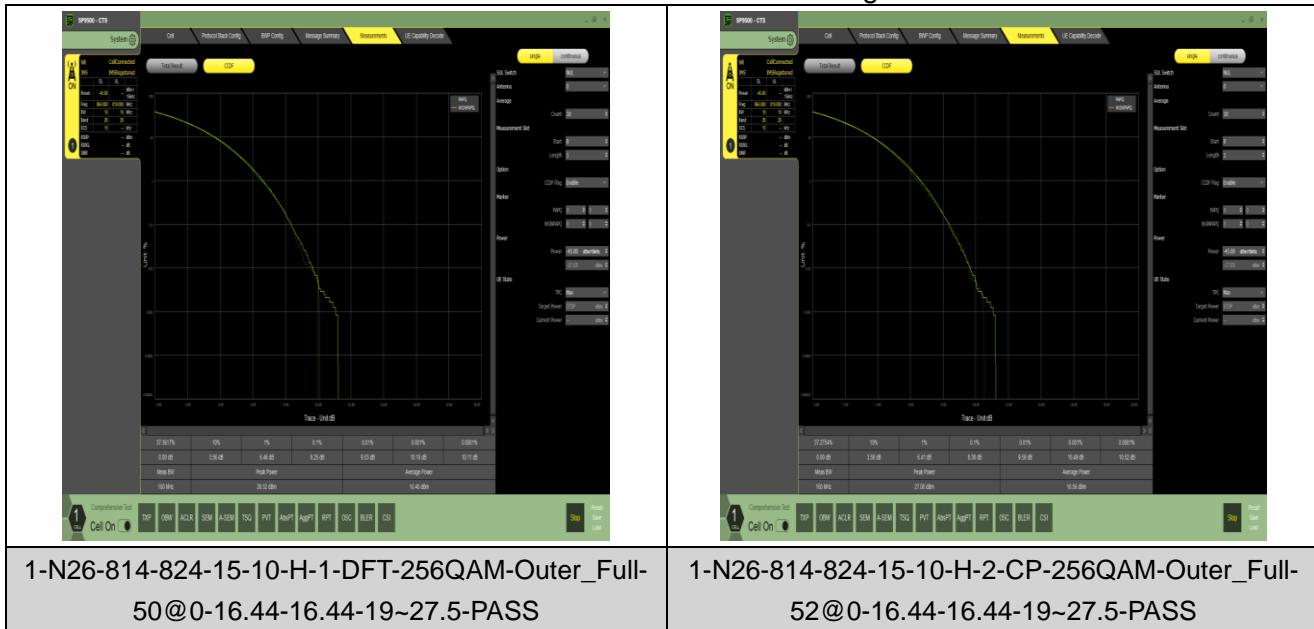
	
<p>1-N26-814-824-15-10-L-1-DFT-256QAM-Outer_Full-50@0-18.38-18.38-19~27.5-PASS</p>	<p>1-N26-814-824-15-10-L-2-CP-256QAM-Outer_Full-52@0-16.38-16.38-19~27.5-PASS</p>
	
<p>1-N26-814-824-15-10-M-1-DFT-256QAM-Outer_Full-50@0-16.41-16.41-19~27.5-PASS</p>	<p>1-N26-814-824-15-10-M-2-CP-256QAM-Outer_Full-52@0-16.40-16.40-19~27.5-PASS</p>

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1-N26-814-824-15-10-H-1-DFT-256QAM-Outer_Full-
50@0-16.44-16.44-19-27.5-PASS

1-N26-814-824-15-10-H-2-CP-256QAM-Outer_Full-
52@0-16.44-16.44-19~27.5-PASS

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	4.498	5.010	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Outer_Full	4.507	5.120	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	4.502	5.040	PASS
N26-814-824	15	5	DFT-64QAM	M	Outer_Full	4.509	5.140	PASS
N26-814-824	15	5	DFT-256QAM	M	Outer_Full	4.498	5.150	PASS
N26-814-824	15	5	CP-QPSK	M	Outer_Full	4.524	5.230	PASS
N26-814-824	15	5	CP-16QAM	M	Outer_Full	4.511	5.180	PASS
N26-814-824	15	5	CP-64QAM	M	Outer_Full	4.492	5.030	PASS
N26-814-824	15	5	CP-256QAM	M	Outer_Full	4.513	5.120	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	8.917	9.620	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	8.896	9.560	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	8.928	9.640	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	8.92	9.660	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	8.918	9.520	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	9.278	10.040	PASS
N26-814-824	15	10	CP-16QAM	M	Outer_Full	9.275	9.980	PASS
N26-814-824	15	10	CP-64QAM	M	Outer_Full	9.281	9.980	PASS
N26-814-824	15	10	CP-256QAM	M	Outer_Full	9.296	10.000	PASS

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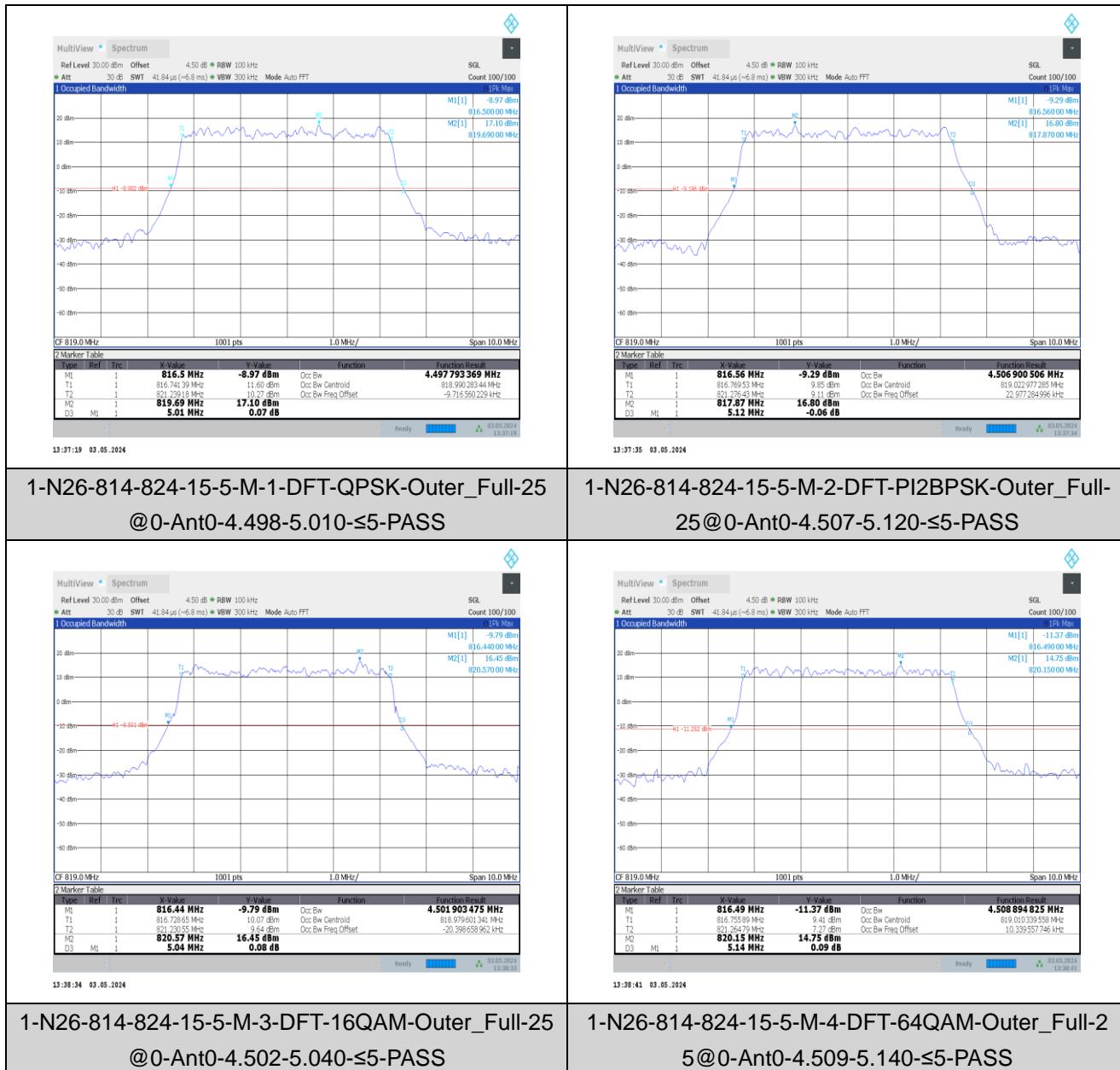
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Test Graphs



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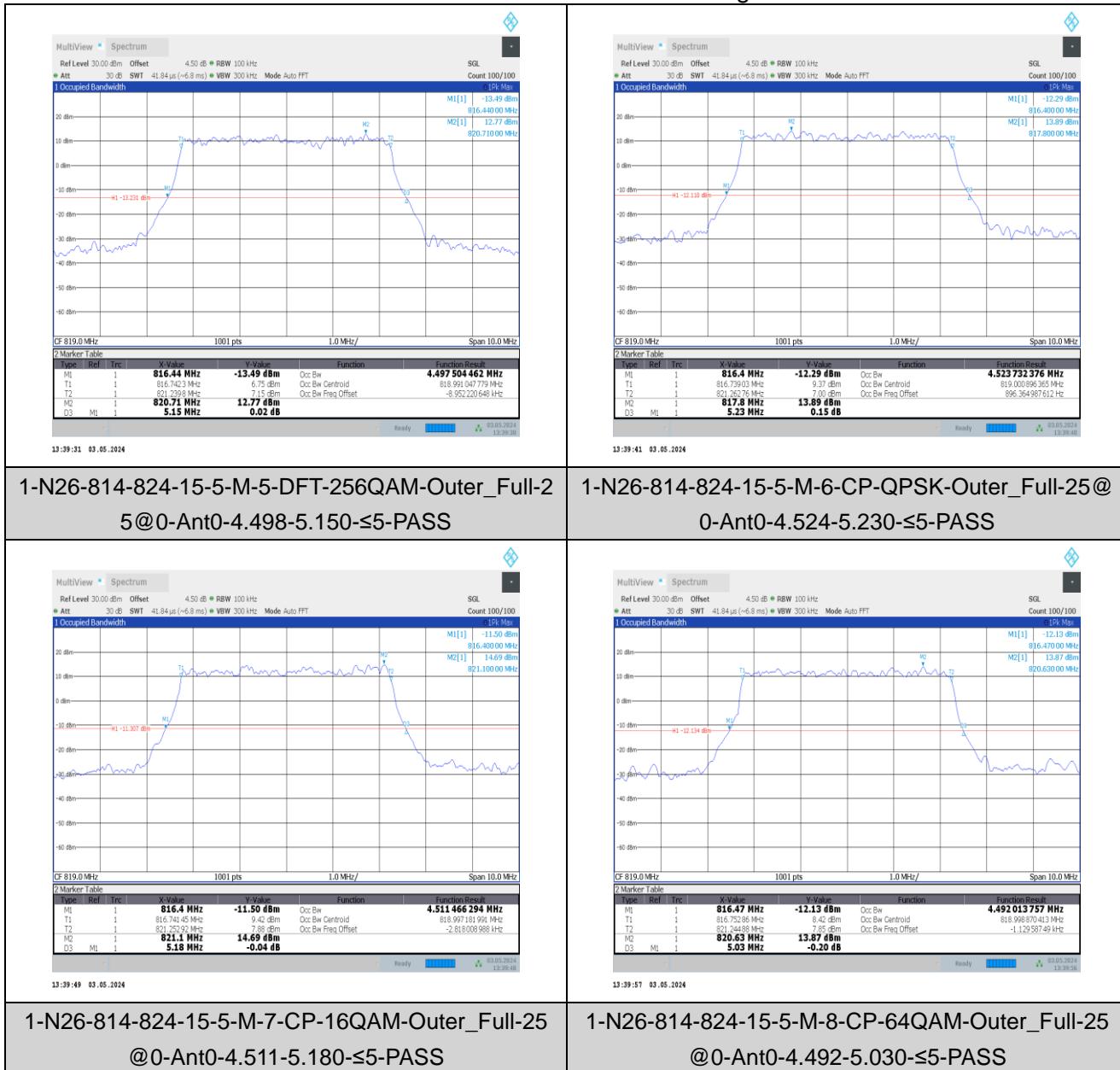
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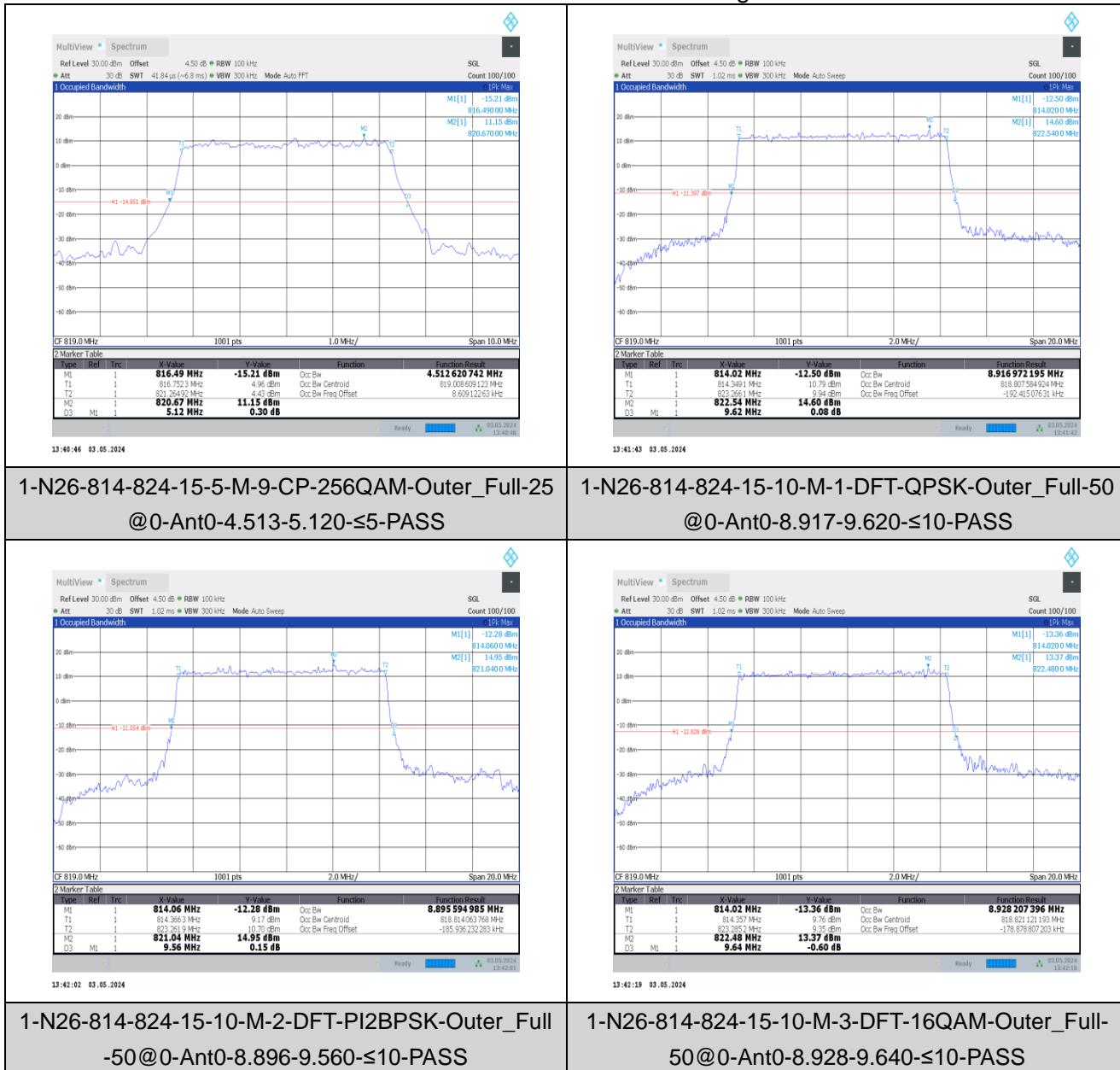
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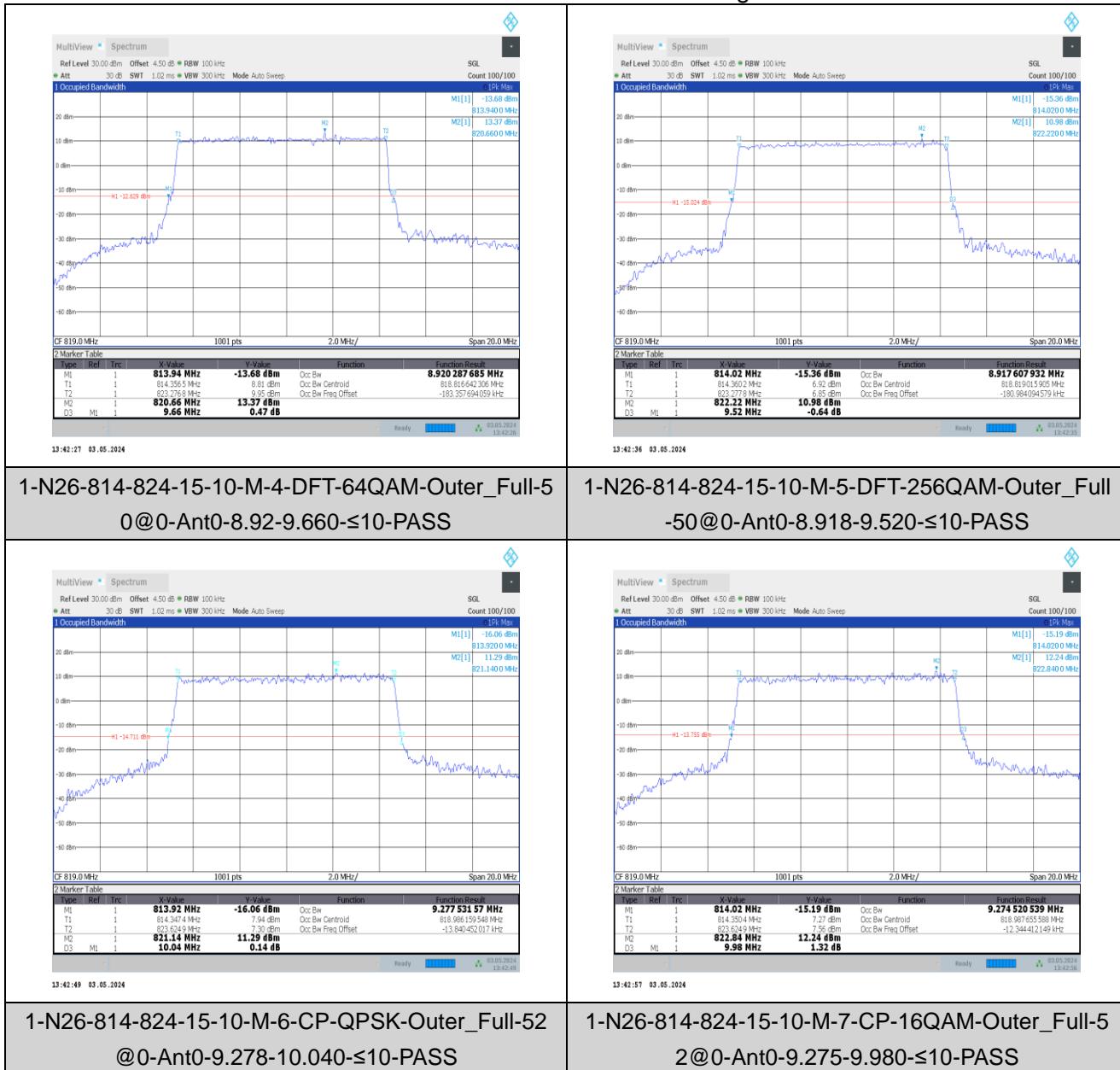


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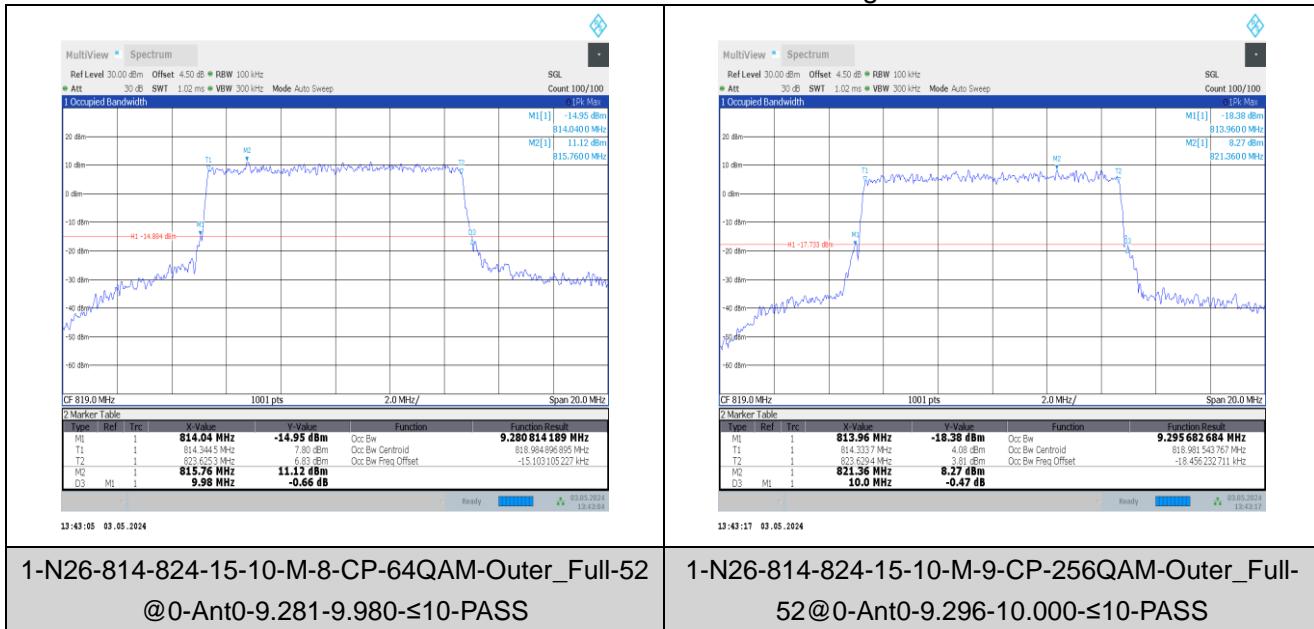
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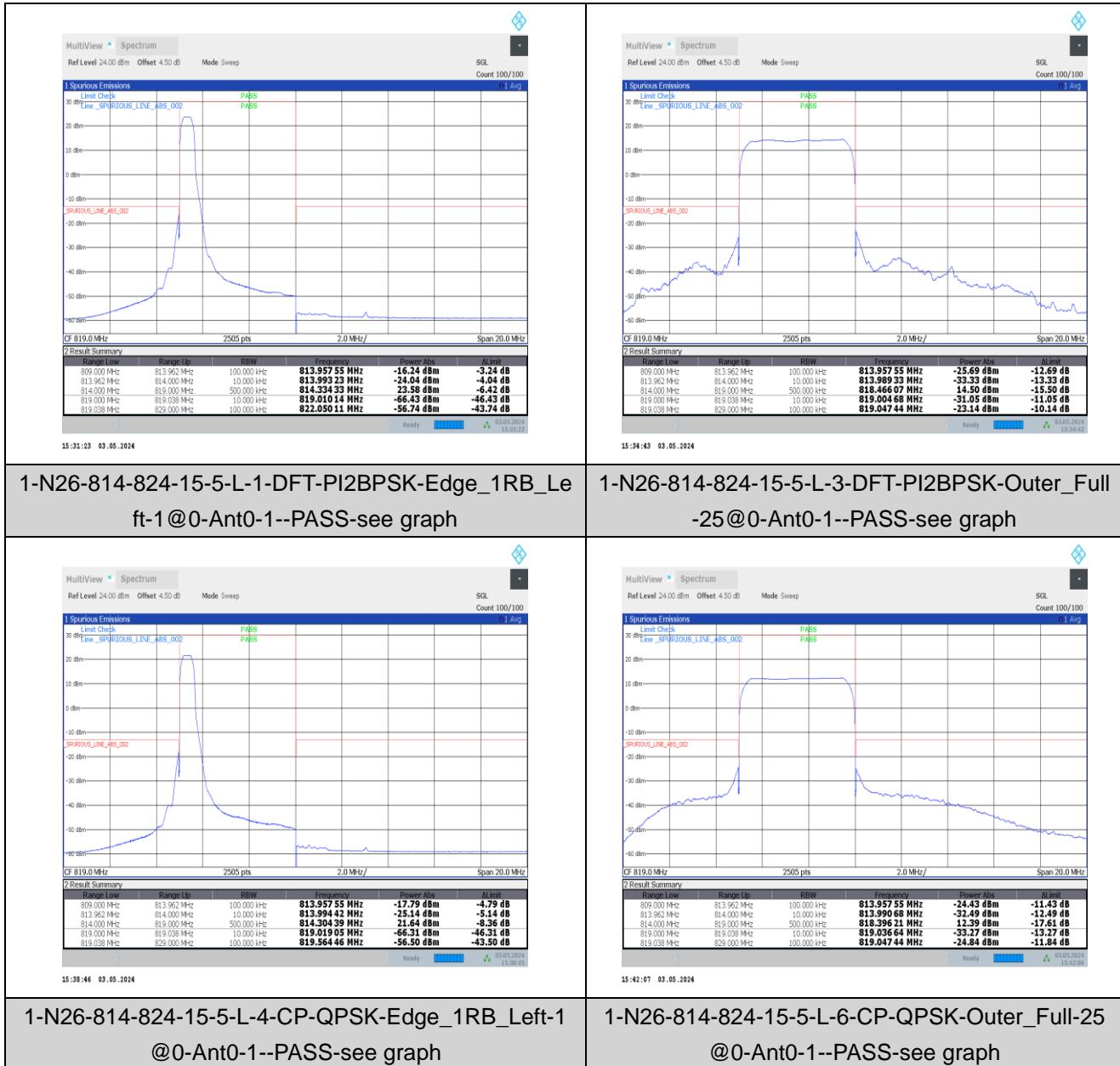
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Band Edge for SA

Test Graphs



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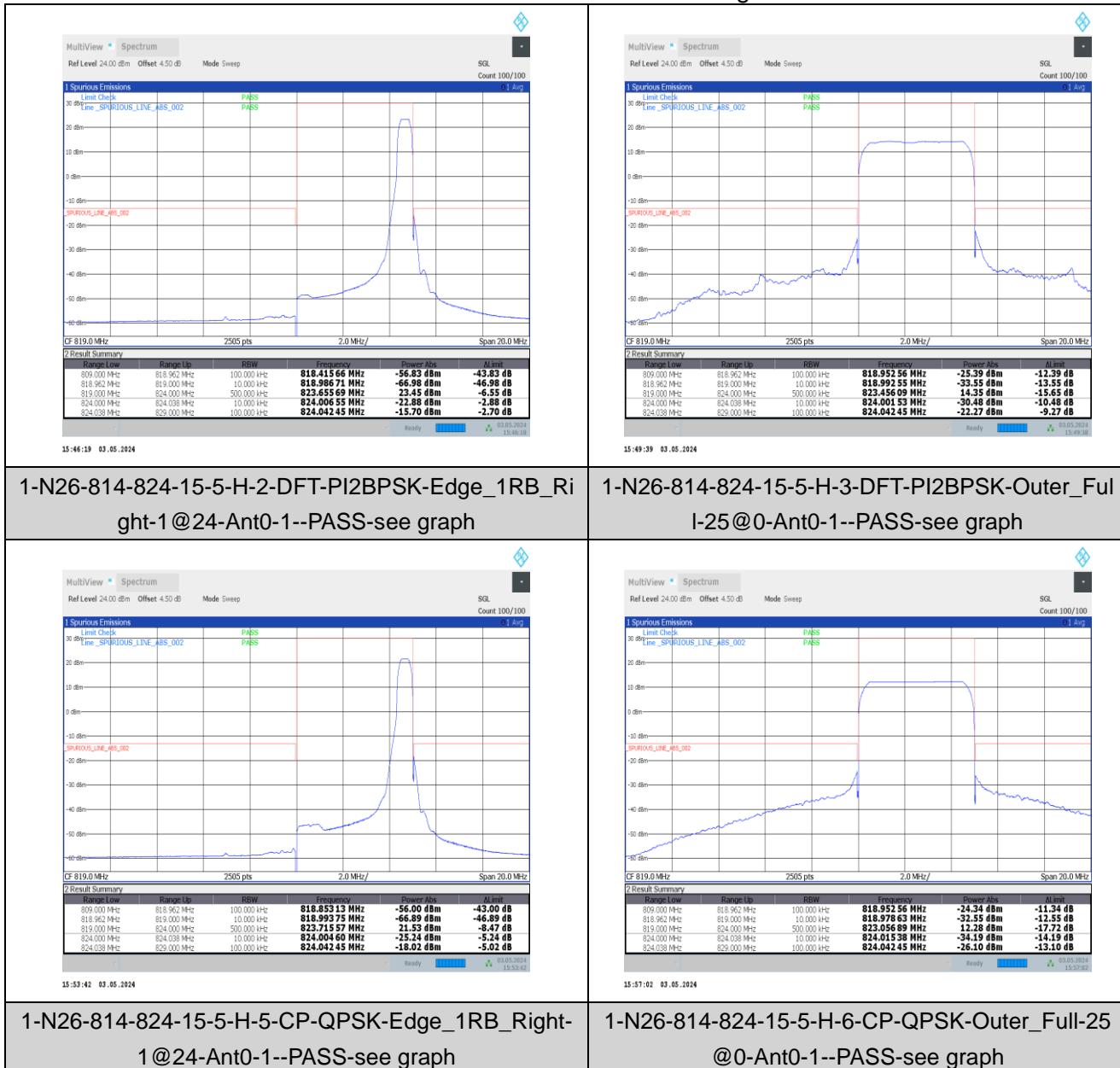


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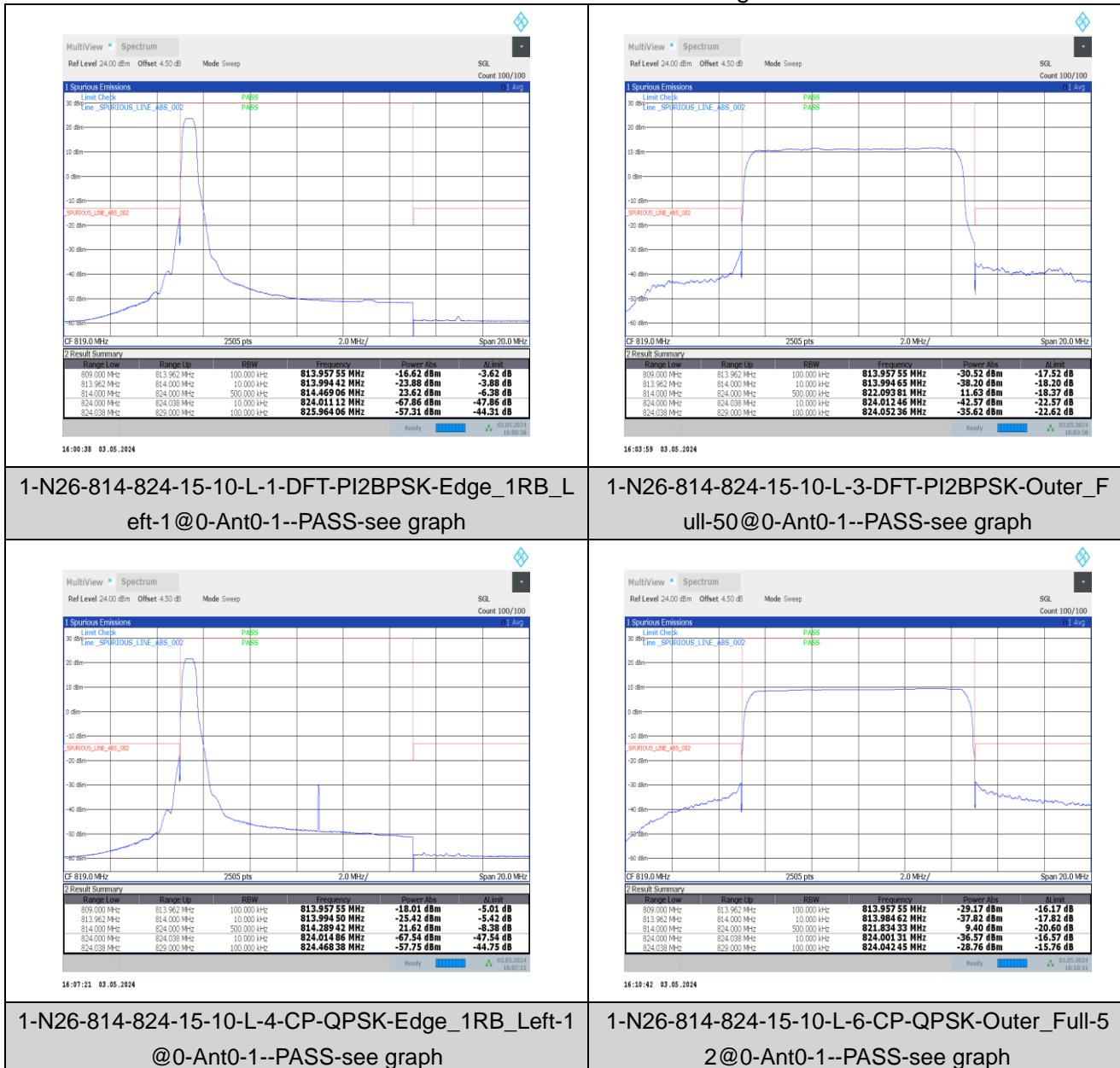
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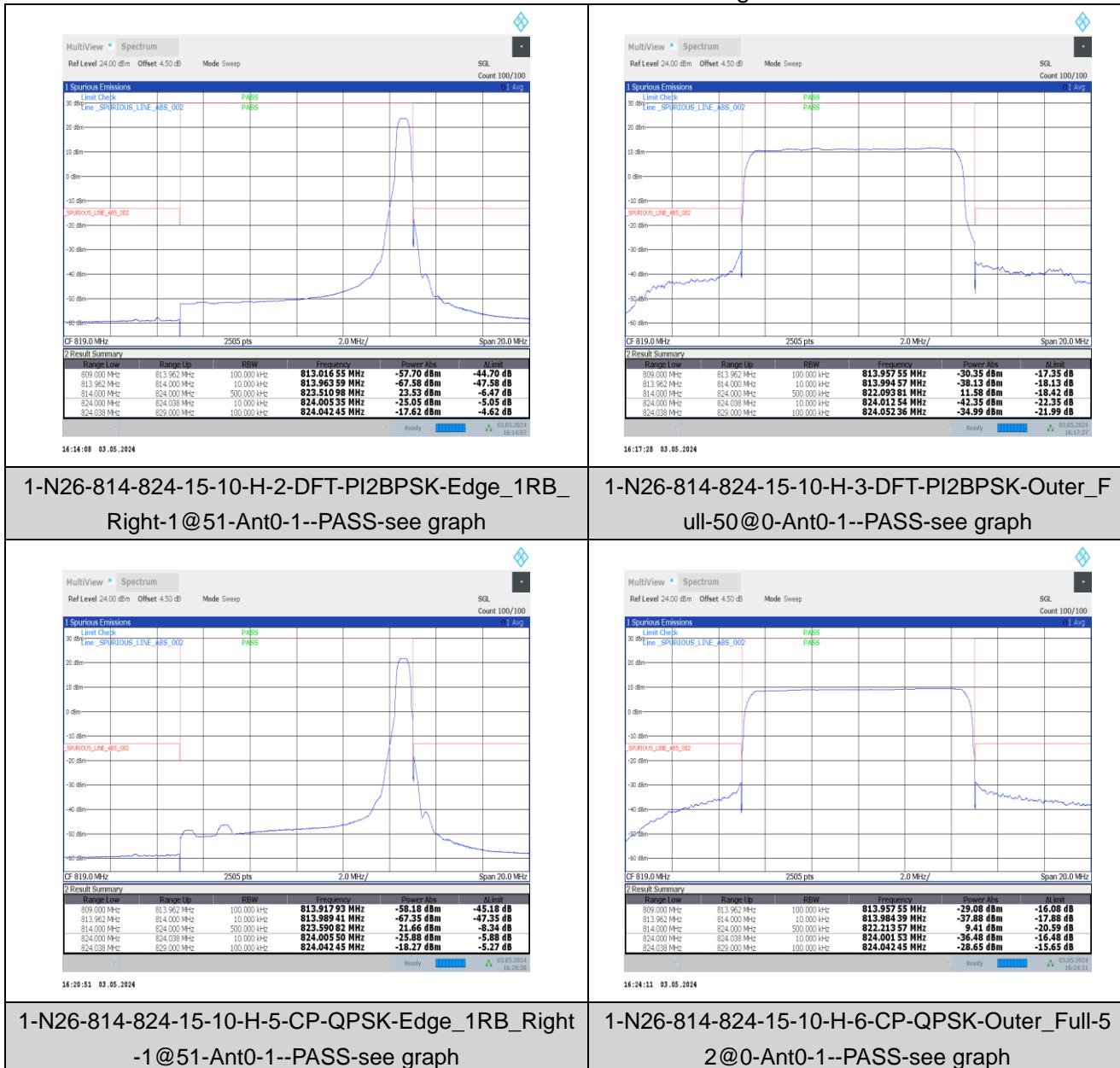
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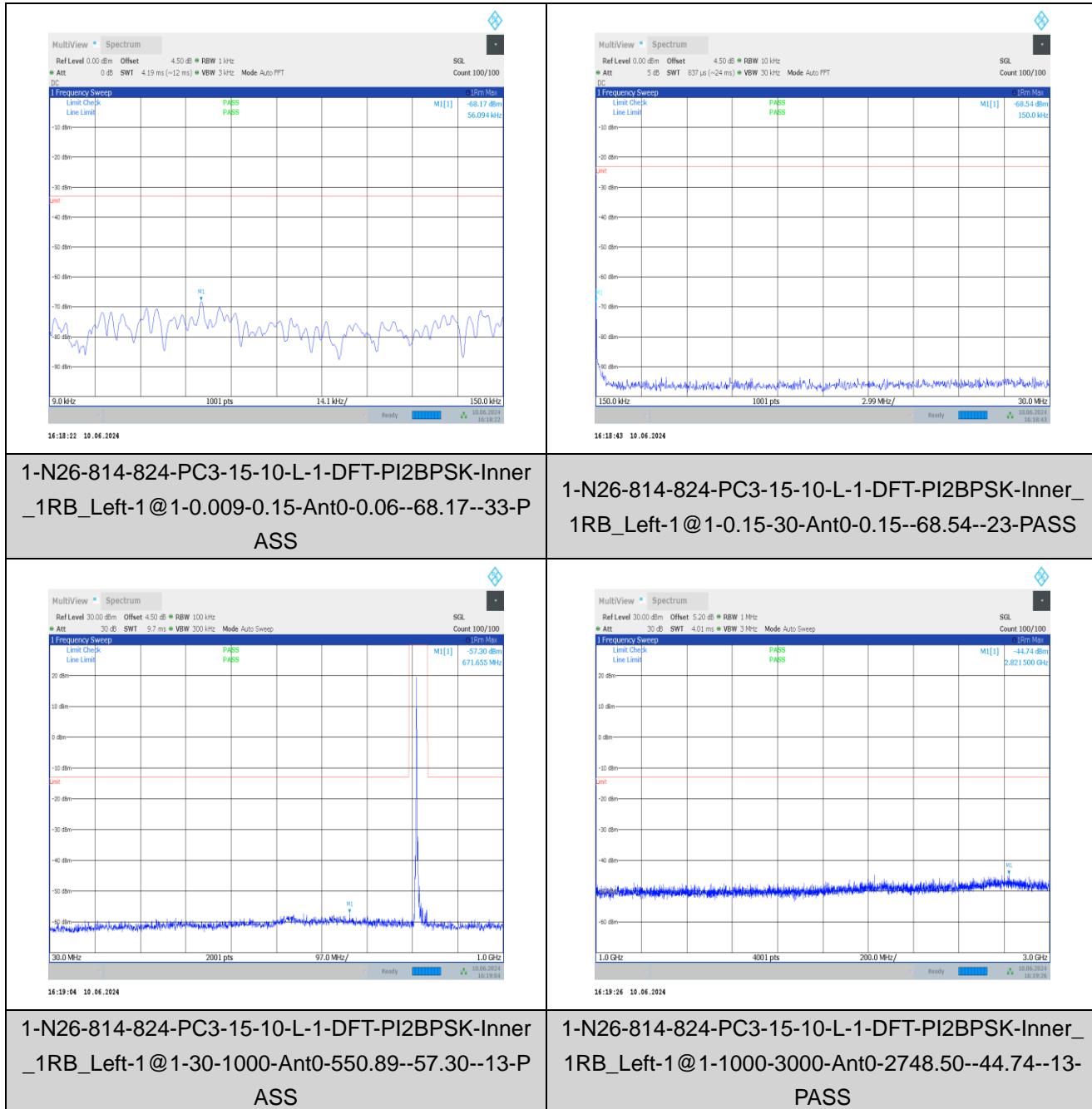
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Conducted Spurious Emission for SA

Test Graphs



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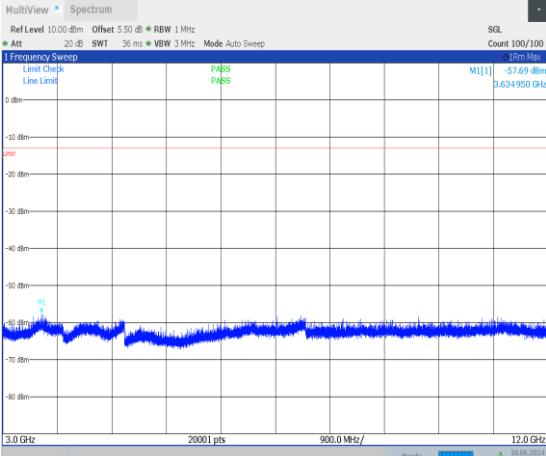
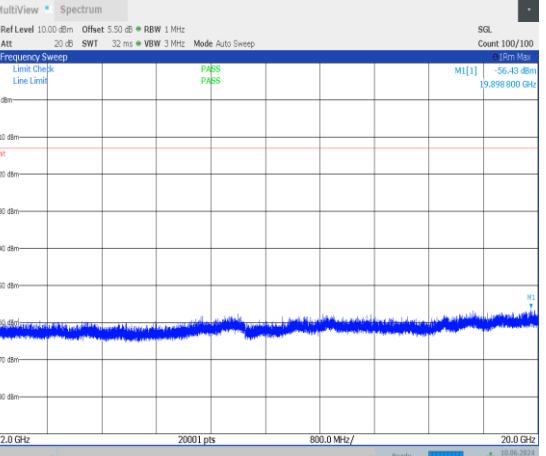
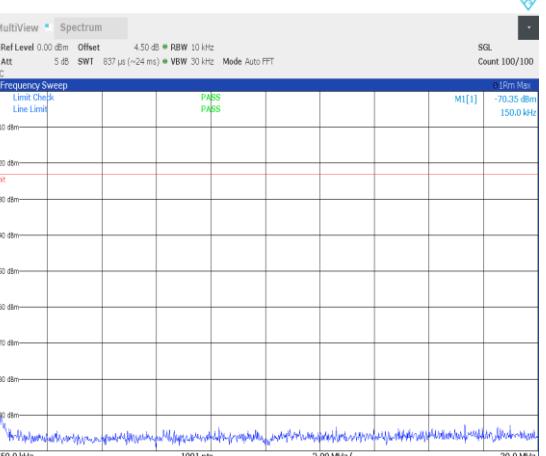
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 <p>1-N26-814-824-PC3-15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant0-3634.95--57.69--13-PASS</p>	 <p>1-N26-814-824-PC3-15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant0-19898.80--56.43--13-PASS</p>
 <p>1-N26-814-824-PC3-15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.06--69.26--33-PASS</p>	 <p>1-N26-814-824-PC3-15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-0.15--70.35--23-PASS</p>

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<p>1-N26-814-824-PC3-15-10-M-1-DFT-PI2BPSK-Inner _1RB_Left-1@1-30-1000-Ant0-540.22--57.33--13-P ASS</p>	<p>1-N26-814-824-PC3-15-10-M-1-DFT-PI2BPSK-Inner _1RB_Left-1@1-1000-3000-Ant0-2795.50--44.23--13 -PASS</p>



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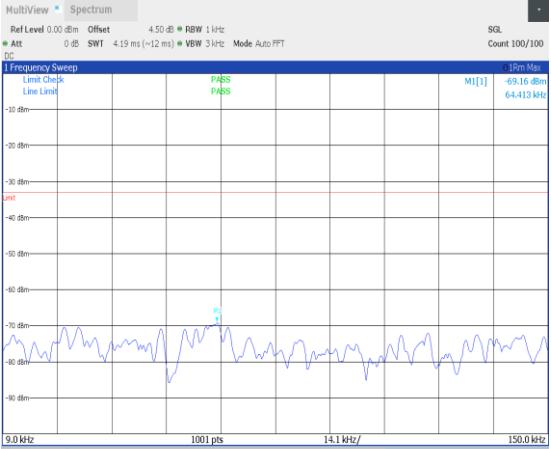
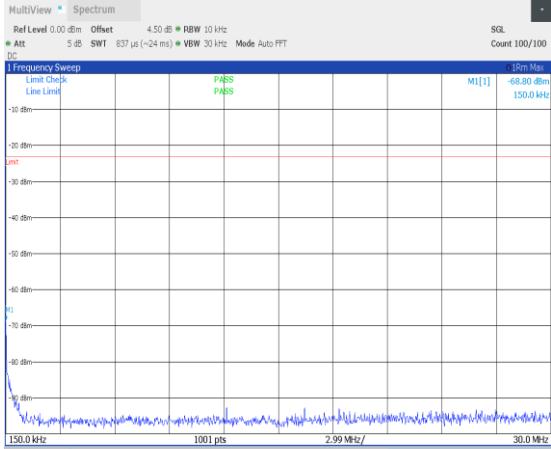
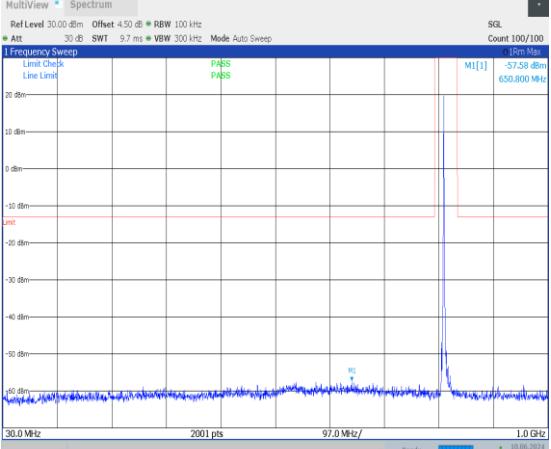
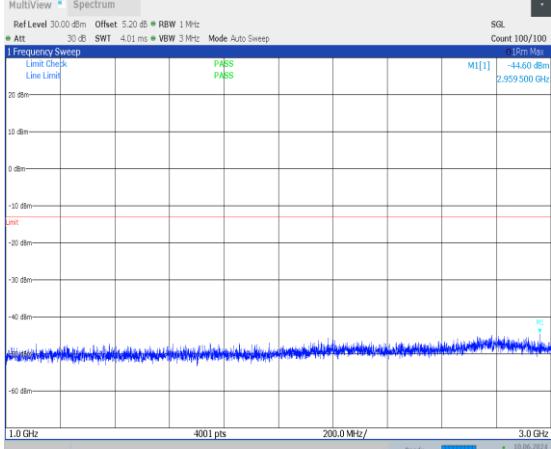
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 <p>1-Frequency Sweep Limit Check: Line Limit Line Limit: MI[1] -69.16 dBm 64.413 kHz</p> <p>Ref Level: 0.00 dBm Offset: 4.50 dB RBW: 1 kHz Att: 0 dB SWT: 4.19 ms (~12 ms) VBW: 3 kHz Mode: Auto FFT DC</p> <p>SGL Count: 100/100</p> <p>16:07:53 10.06.2024</p>	 <p>1-Frequency Sweep Limit Check: Line Limit Line Limit: MI[1] -68.50 dBm 150.0 kHz</p> <p>Ref Level: 0.00 dBm Offset: 4.50 dB RBW: 10 kHz Att: 5 dB SWT: 637.15 ms (~24 ms) VBW: 30 kHz Mode: Auto FFT DC</p> <p>SGL Count: 100/100</p> <p>16:08:14 10.06.2024</p>
<p>1-N26-814-824-PC3-15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.06--69.16--33-P ASS</p>	<p>1-N26-814-824-PC3-15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-0.15--68.80--23-PASS</p>
 <p>1-Frequency Sweep Limit Check: Line Limit Line Limit: MI[1] -57.58 dBm 650.800 MHz</p> <p>Ref Level: 30.00 dBm Offset: 4.50 dB RBW: 100 kHz Att: 30 dB SWT: 9.7 ms VBW: 300 kHz Mode: Auto Sweep</p> <p>SGL Count: 100/100</p> <p>16:08:36 10.06.2024</p>	 <p>1-Frequency Sweep Limit Check: Line Limit Line Limit: MI[1] -44.60 dBm 2,999,500 GHz</p> <p>Ref Level: 30.00 dBm Offset: 5.20 dB RBW: 1 MHz Att: 30 dB SWT: 4.01 ms VBW: 3 MHz Mode: Auto Sweep</p> <p>SGL Count: 100/100</p> <p>16:08:57 10.06.2024</p>
<p>1-N26-814-824-PC3-15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant0-650.80--57.58--13-P ASS</p>	<p>1-N26-814-824-PC3-15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant0-2959.50--44.60--13-PASS</p>

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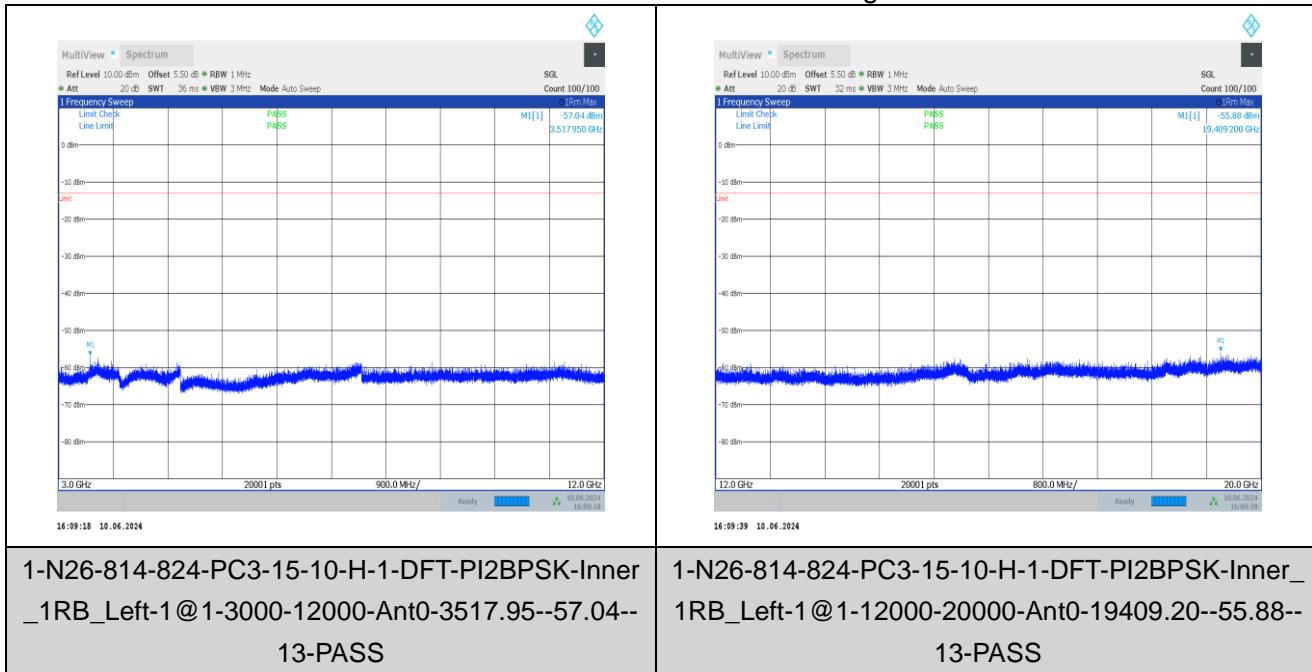
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Field Strength of Spurious Radiation

For report SUCR240400009002:

Test Band = SA_N26(814-824)_10MHz

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1090	63.11	-54.10	25.78	-60.47	-13.00	47.47	Horizontal
2	2443	60.94	-51.97	27.89	-58.40	-13.00	45.40	Horizontal
3	3315	59.39	-49.90	30.40	-55.37	-13.00	42.37	Horizontal
4	4798.5	51.84	-44.47	32.39	-55.50	-13.00	42.50	Horizontal
5	6675	51.16	-44.02	35.95	-52.17	-13.00	39.17	Horizontal
6	8888	49.60	-40.45	38.37	-47.74	-13.00	34.74	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1125.5	56.27	-53.87	25.85	-67.01	-13.00	54.01	Vertical
2	1476	55.18	-53.68	25.65	-68.11	-13.00	55.11	Vertical
3	2538	55.08	-51.66	28.23	-63.61	-13.00	50.61	Vertical
4	3608.5	53.68	-49.42	30.23	-60.77	-13.00	47.77	Vertical
5	4923.5	52.22	-44.67	33.15	-54.56	-13.00	41.56	Vertical
6	7390	50.25	-42.13	36.82	-50.32	-13.00	37.32	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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For report SUCR240400008902:**Test Band = SA Band 26 BW=10M_ TM1****Test Channel = Mid Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1628.8889	54.13	-46.71	24.60	-63.24	-13.00	50.24	Horizontal
2	2443.1111	67.46	-45.13	27.27	-45.66	-13.00	32.66	Horizontal
3	3680.8889	36.24	-43.18	30.22	-71.99	-13.00	58.99	Horizontal
4	5405.7778	35.30	-40.81	33.12	-67.65	-13.00	54.65	Horizontal
5	7229.3333	33.83	-37.93	36.28	-63.08	-13.00	50.08	Horizontal
6	8065.3333	33.54	-36.54	37.13	-61.12	-13.00	48.12	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1628.8889	46.70	-46.71	24.60	-70.67	-13.00	57.67	Vertical
2	2330.6667	38.22	-45.39	27.03	-75.41	-13.00	62.41	Vertical
3	3257.7778	35.50	-43.70	29.55	-73.91	-13.00	60.91	Vertical
4	4721.7778	35.23	-41.48	32.59	-68.92	-13.00	55.92	Vertical
5	6538.6667	33.96	-39.02	35.82	-64.50	-13.00	51.50	Vertical
6	8018.2222	33.95	-36.78	37.11	-60.98	-13.00	47.98	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	-8.900000	-0.015552	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	-5.800000	-0.125846	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	-26.600000	-0.482972	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VH	NT	-0.900000	-0.080598	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VN	NT	-0.400000	-0.010956	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	VL	NT	-16.400000	-0.054387	PASS



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Frequency Error VS. Temperature

Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	-11.500000	-0.250552	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.300000	-0.005706	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	-5.200000	-0.103692	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	-1.700000	-0.005613	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.800000	-0.006527	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.000000	-0.002347	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.100000	-0.000219	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	2.300000	0.002890	PASS
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.400000	-0.000529	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	50	-0.400000	-0.000368	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-20	0.300000	0.000169	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-10	0.400000	0.000189	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	0	2.800000	0.004589	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	10	-2.500000	-0.056271	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	20	-2.600000	-0.004586	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	30	1.500000	0.005671	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	40	1.900000	0.005652	PASS
N26-814-824	15	10	CP-QPSK	M	Outer_Full	NV	-30	2.000000	0.002369	PASS

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