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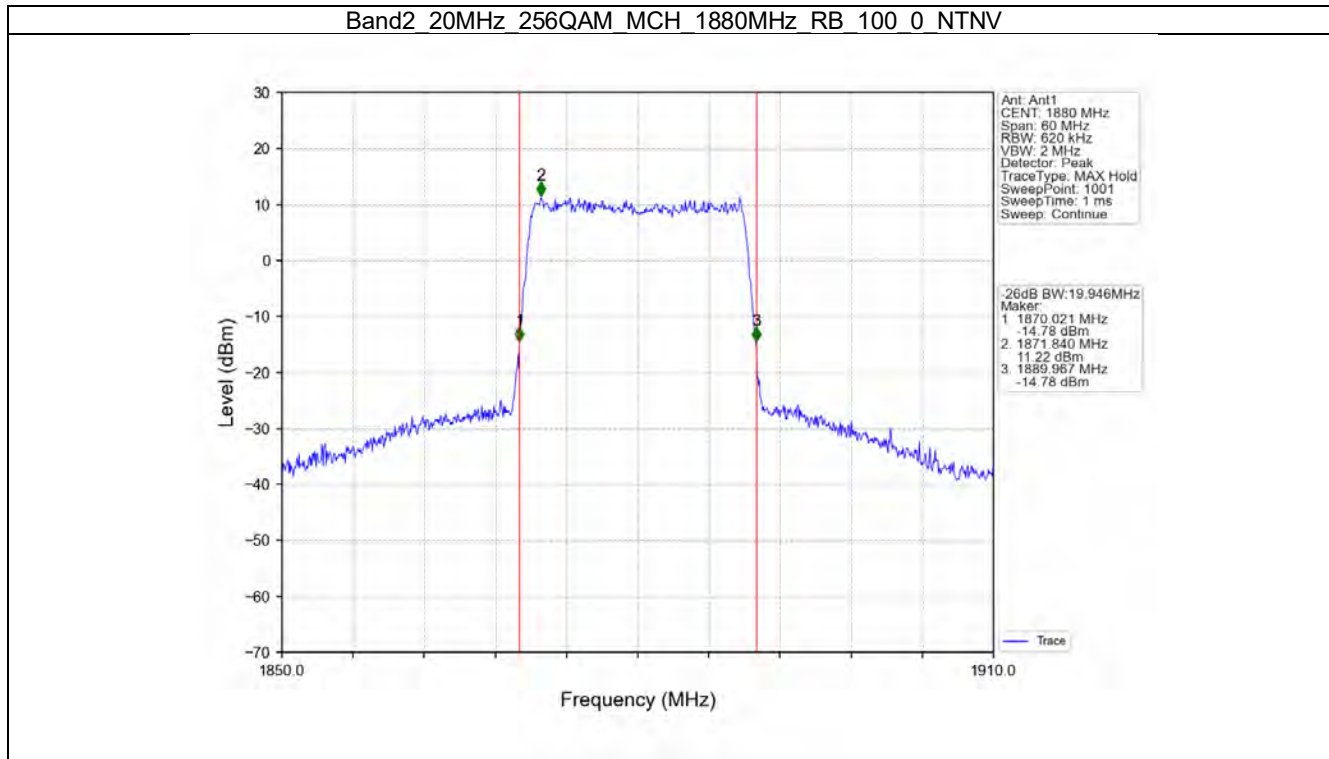
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Report No.: SEWM2311000466RG01

Rev.: 01

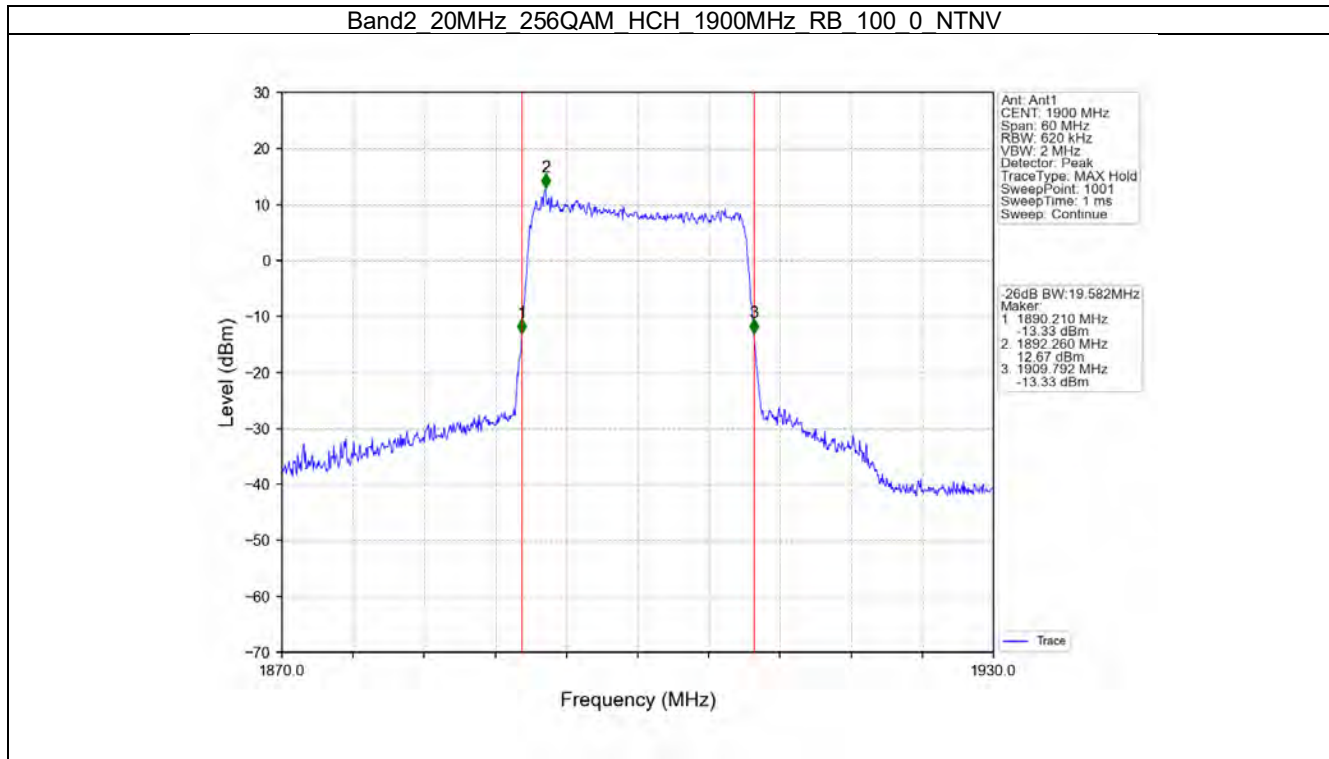
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 181 of 303

4. Peak-Average Ratio

4.1 B2_1.4MHz

4.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict	
		Size	Offset	Result	Limit		
QPSK	1850.7	6	0	5.44	<=13	Pass	
	1880	6	0	6.70	<=13	Pass	
	1909.3	6	0	5.06	<=13	Pass	
16QAM	1850.7	6	0	6.24	<=13	Pass	
	1880	6	0	6.70	<=13	Pass	
	1909.3	6	0	5.80	<=13	Pass	
64QAM	1850.7	6	0	6.42	<=13	Pass	
	1880	6	0	6.69	<=13	Pass	
	1909.3	6	0	6.45	<=13	Pass	
256QAM	1850.7	6	0	6.90	<=13	Pass	
	1880	6	0	7.12	<=13	Pass	
	1909.3	6	0	6.96	<=13	Pass	



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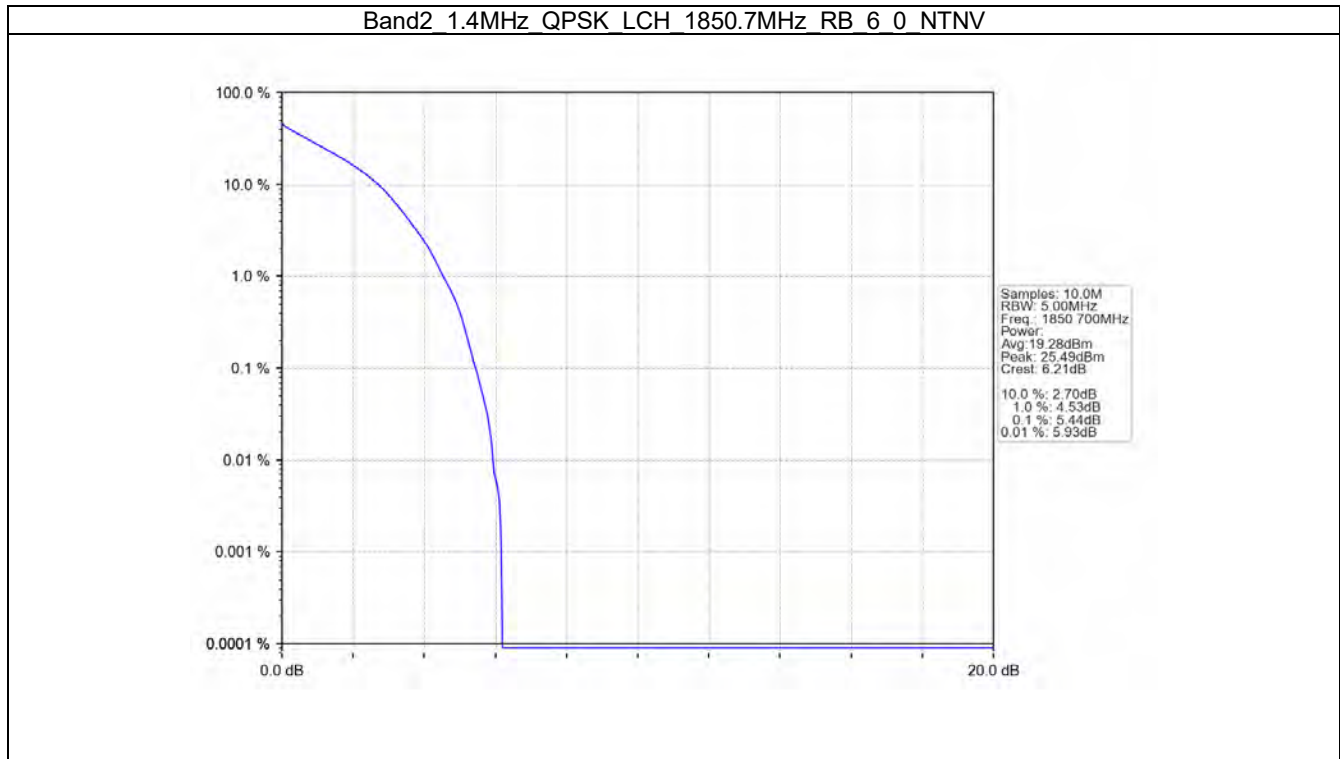
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 182 of 303

4.1.2 Test Graph



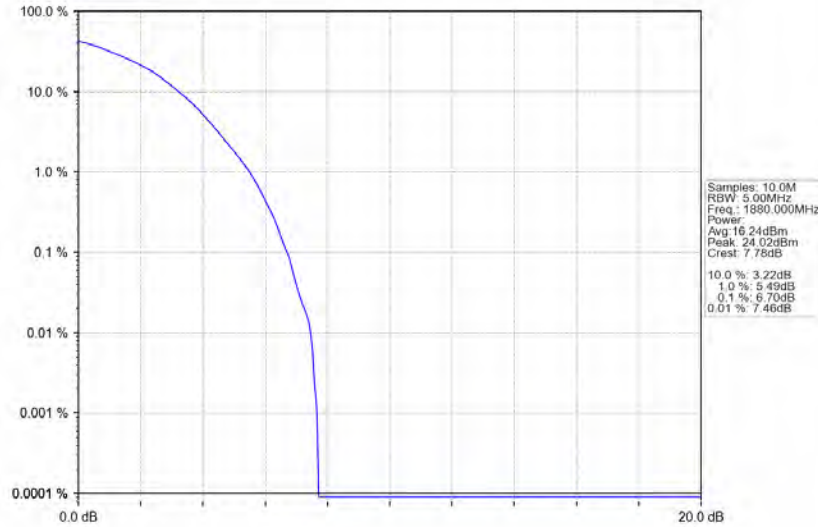
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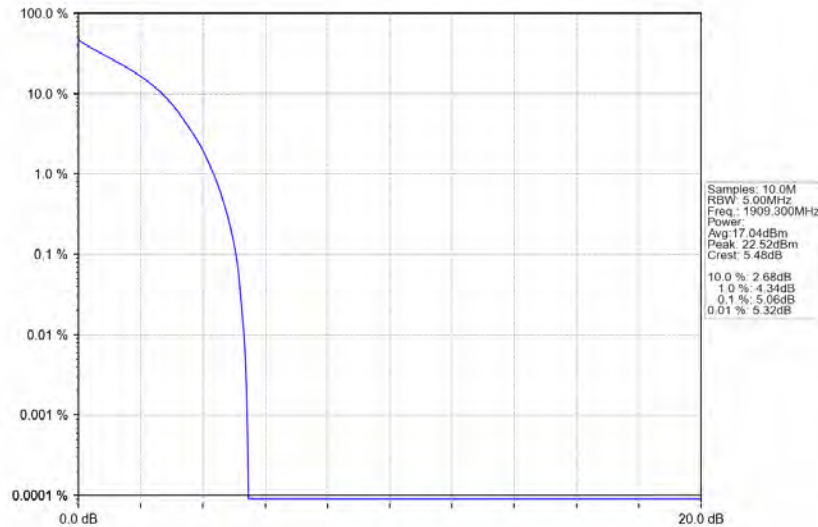
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Band2 1.4MHz QPSK MCH 1880MHz RB 6 0 NTNV



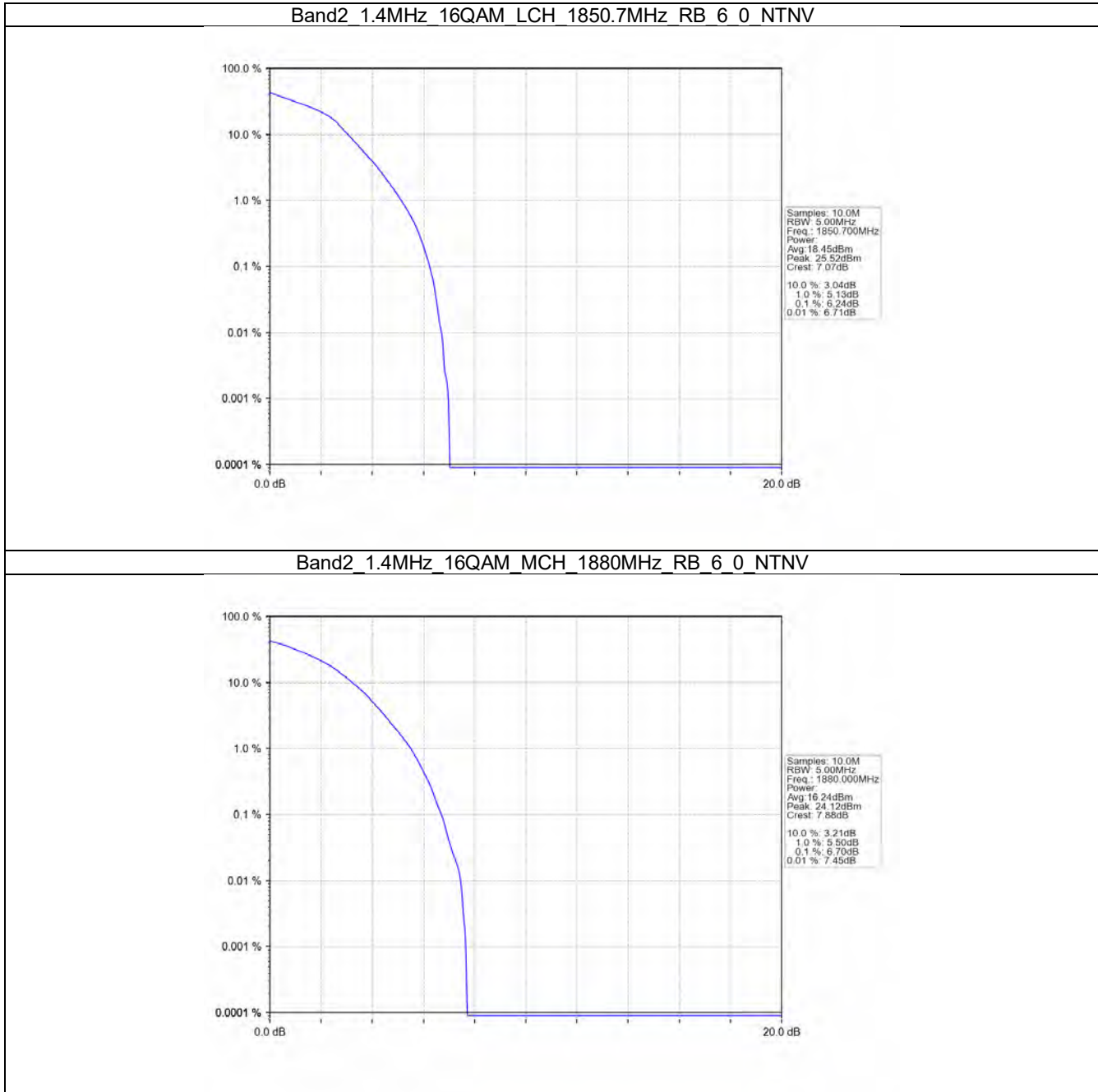
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



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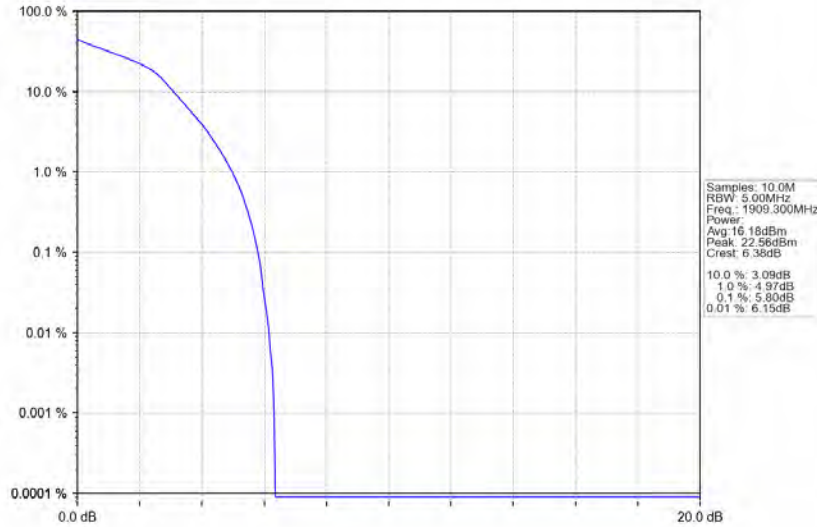


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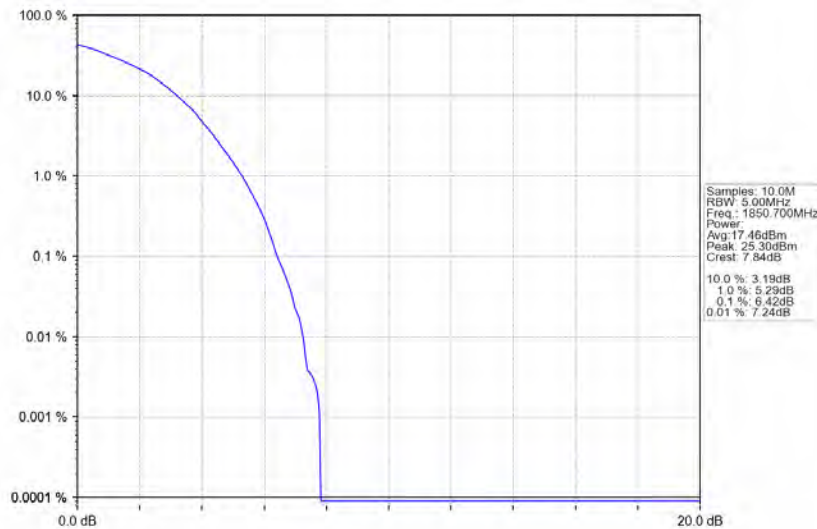
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Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTN



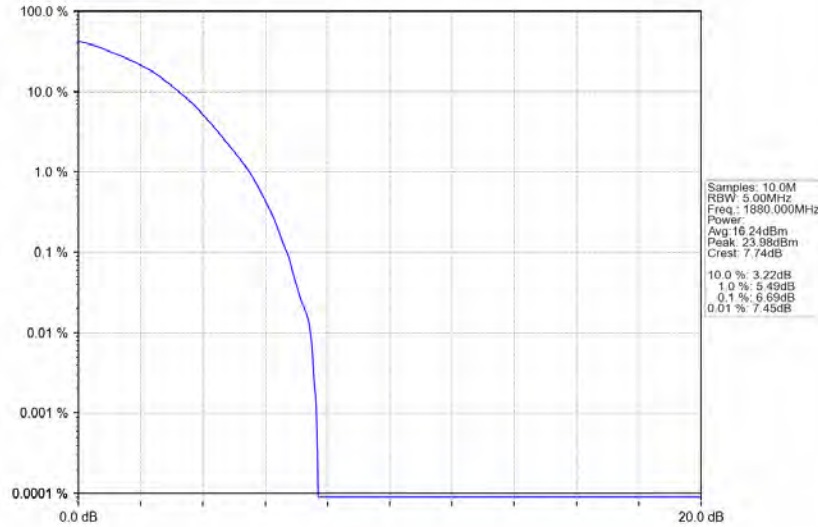
Band2 1.4MHz 64QAM LCH 1850.7MHz RB 6 0 NTN



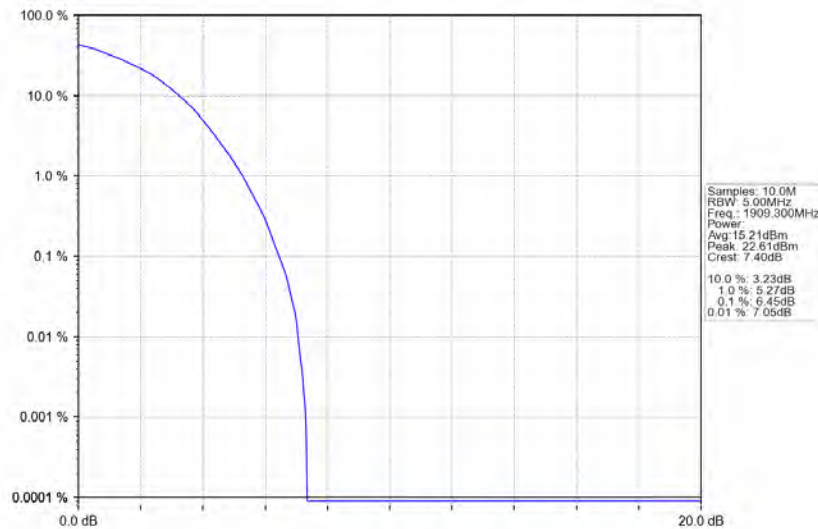
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Band2 1.4MHz 64QAM MCH 1880MHz RB 6 0 NTV



Band2 1.4MHz 64QAM HCH 1909.3MHz RB 6 0 NTV

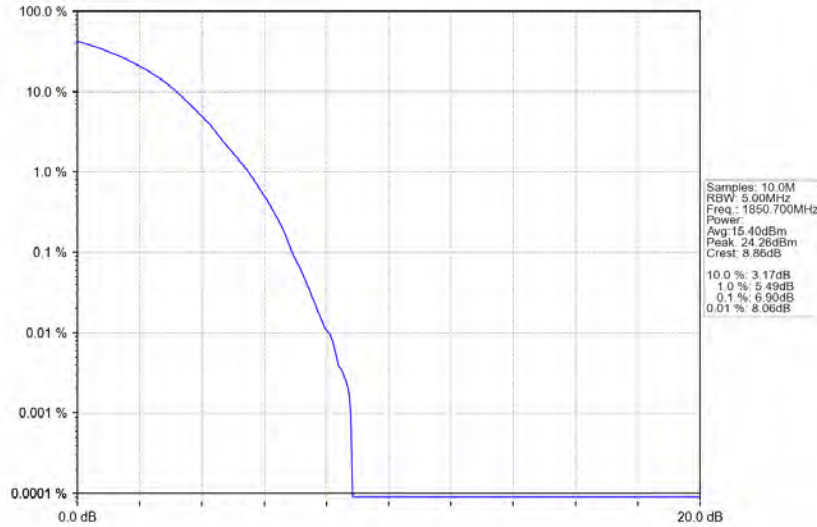


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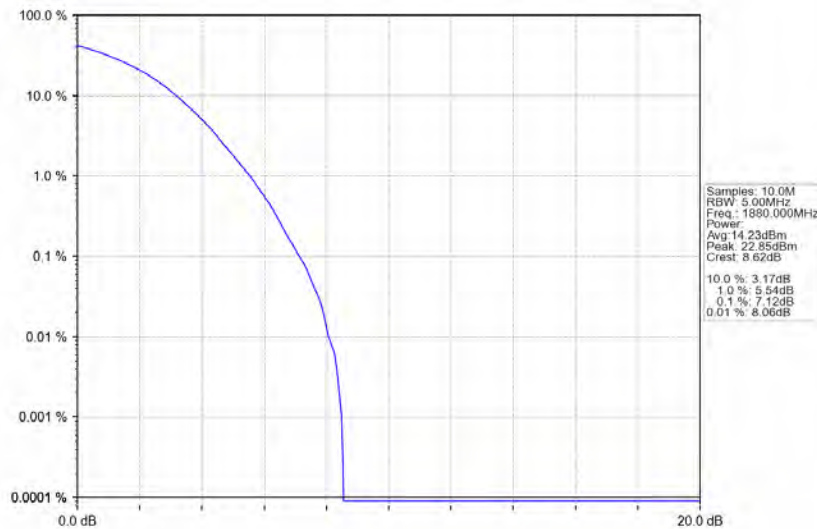
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Band2 1.4MHz 256QAM LCH 1850.7MHz RB 6 0 NTN



Band2 1.4MHz 256QAM MCH 1880MHz RB 6 0 NTN



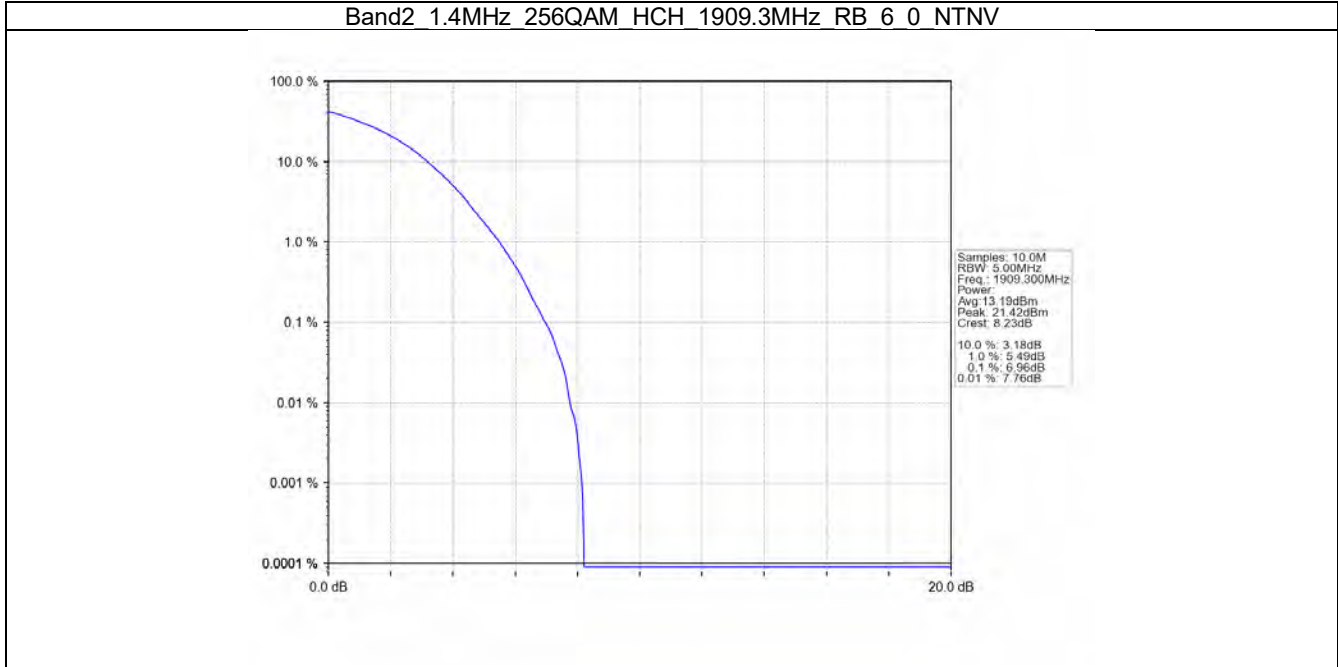
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Rev.: 01

Page: 188 of 303



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 189 of 303

4.2 B2_3MHz

4.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.60	<=13	Pass
	1880	15	0	6.79	<=13	Pass
	1908.5	15	0	5.35	<=13	Pass
16QAM	1851.5	15	0	6.37	<=13	Pass
	1880	15	0	6.80	<=13	Pass
	1908.5	15	0	6.11	<=13	Pass
64QAM	1851.5	15	0	6.82	<=13	Pass
	1880	15	0	6.79	<=13	Pass
	1908.5	15	0	6.62	<=13	Pass
256QAM	1851.5	15	0	7.15	<=13	Pass
	1880	15	0	7.12	<=13	Pass
	1908.5	15	0	7.07	<=13	Pass



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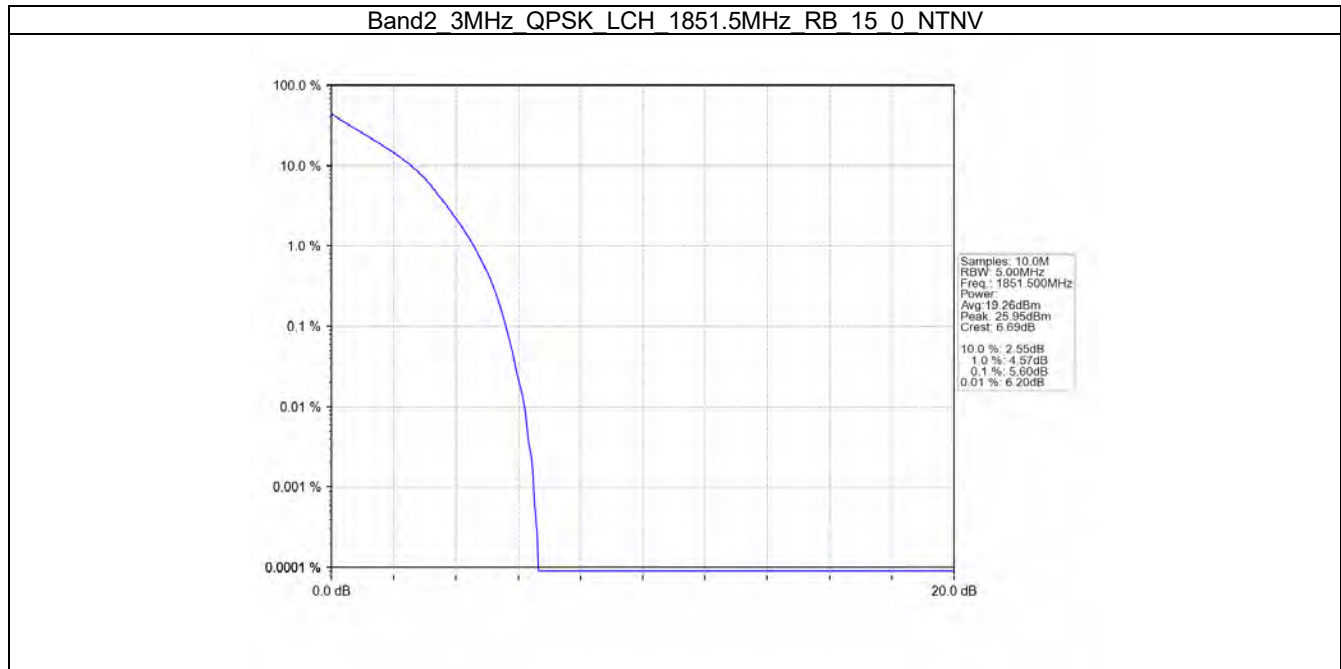
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Rev.: 01

Page: 190 of 303

4.2.2 Test Graph



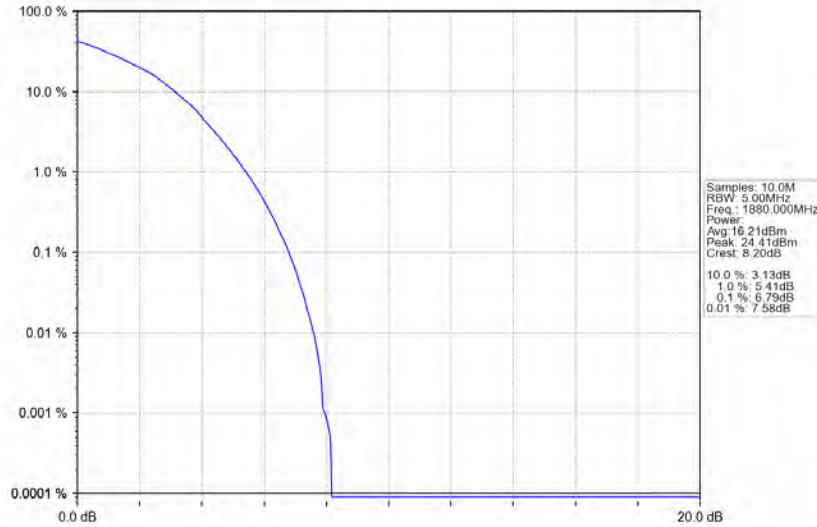
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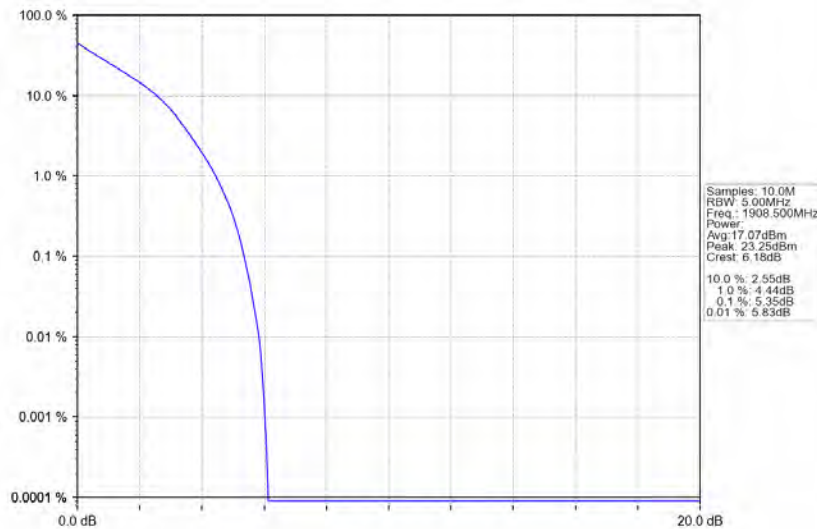
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Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



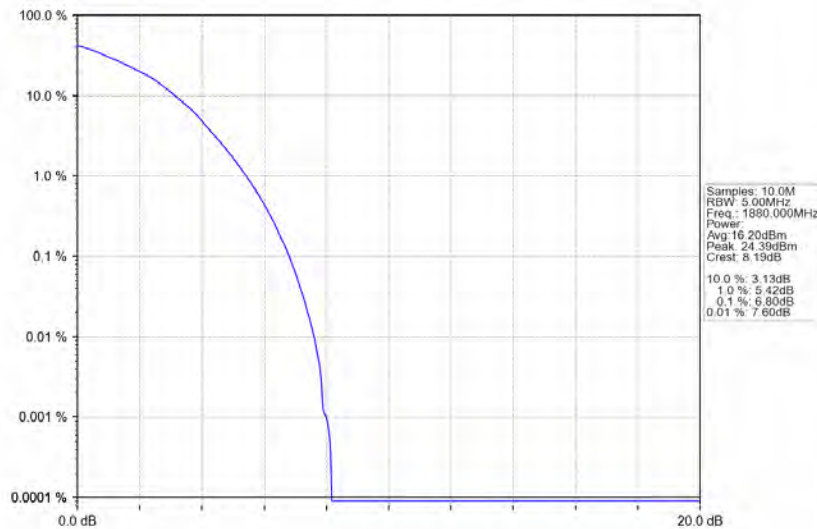
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Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



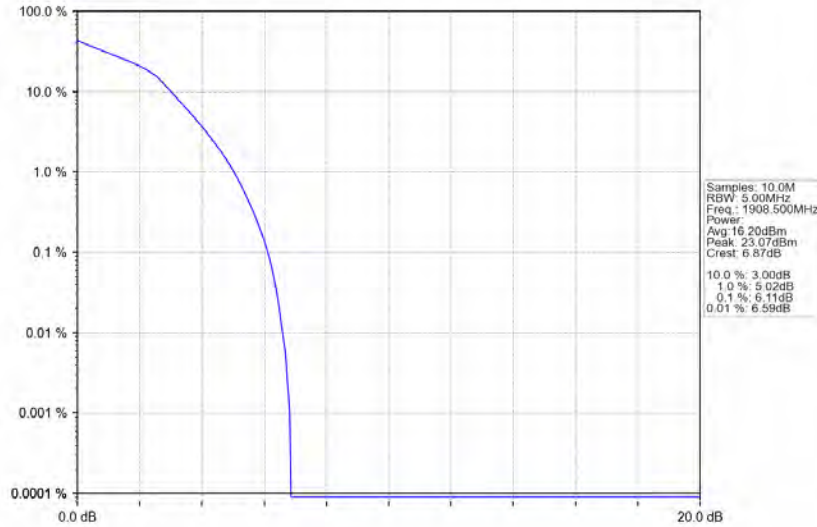
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



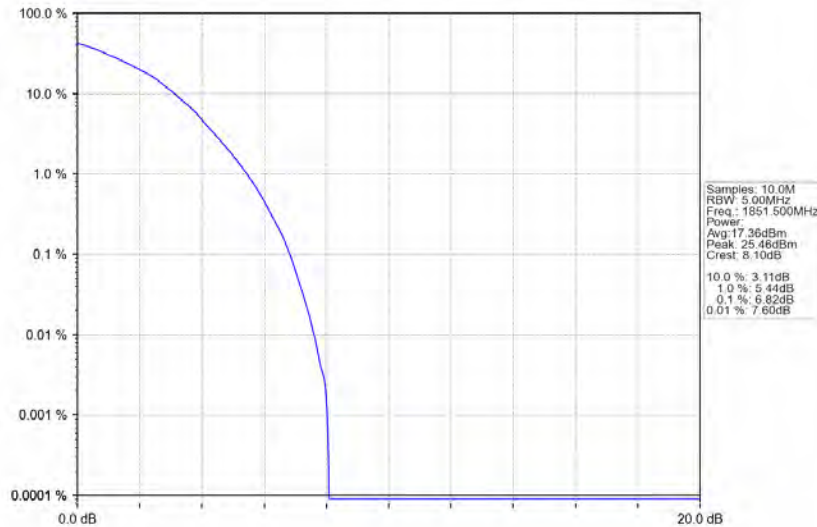
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Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV



Band2 3MHz 64QAM LCH 1851.5MHz RB 15 0 NTV



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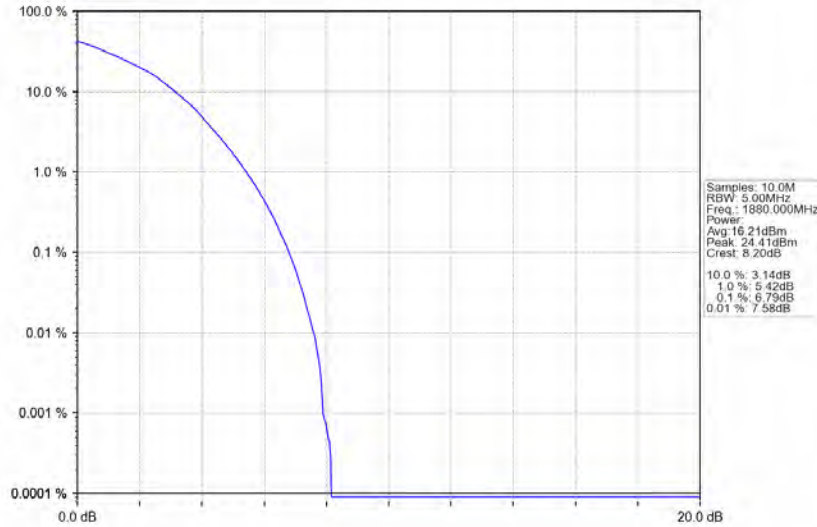
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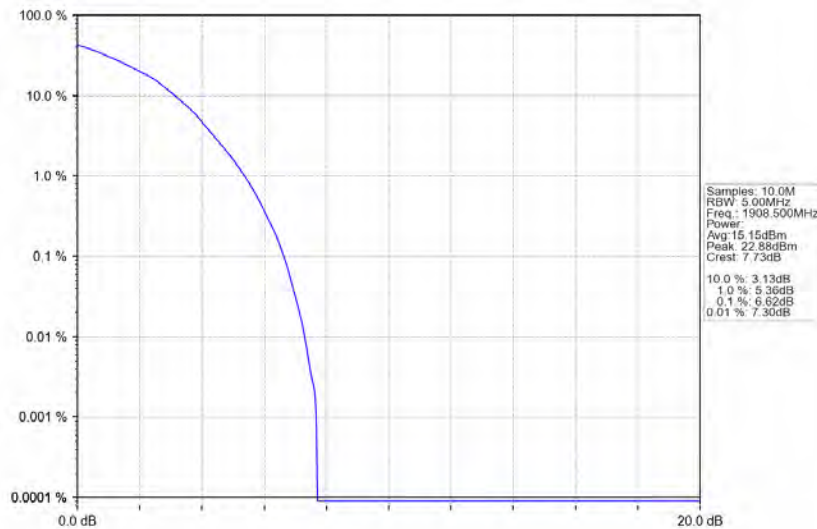
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Page: 194 of 303

Band2 3MHz 64QAM MCH 1880MHz RB 15 0 NTV



Band2 3MHz 64QAM HCH 1908.5MHz RB 15 0 NTV

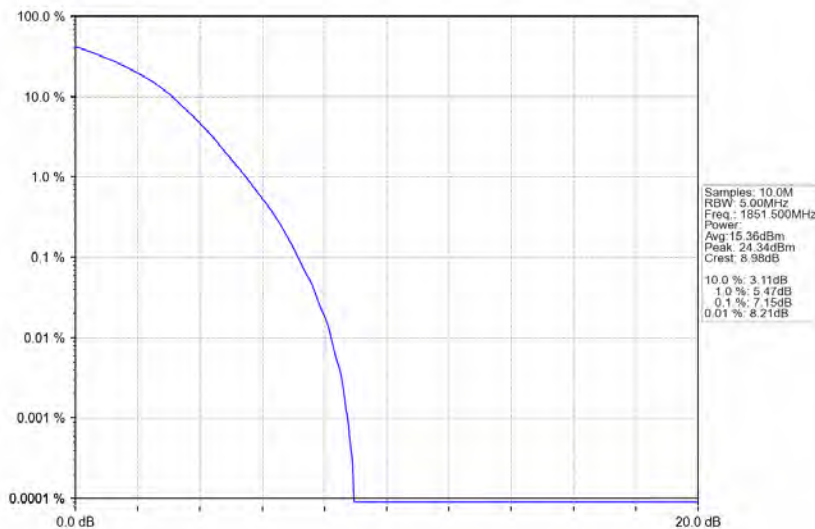


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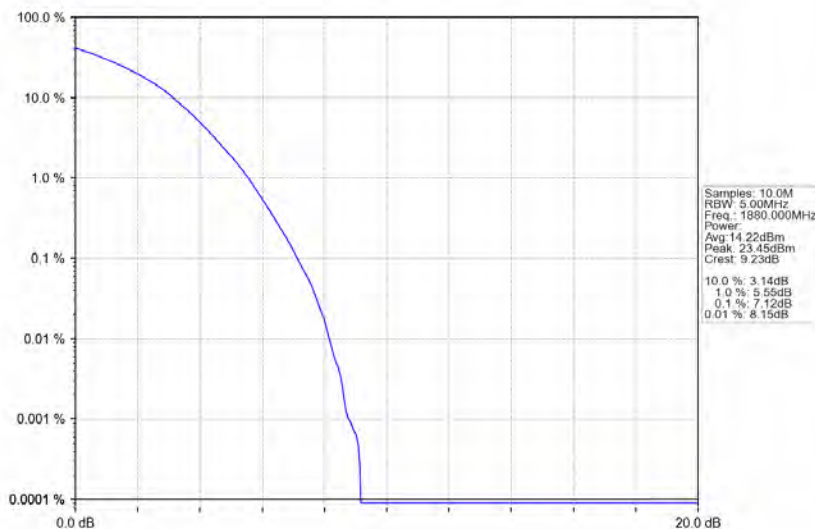
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Band2 3MHz 256QAM LCH 1851.5MHz RB 15 0 NTV



Band2 3MHz 256QAM MCH 1880MHz RB 15 0 NTV



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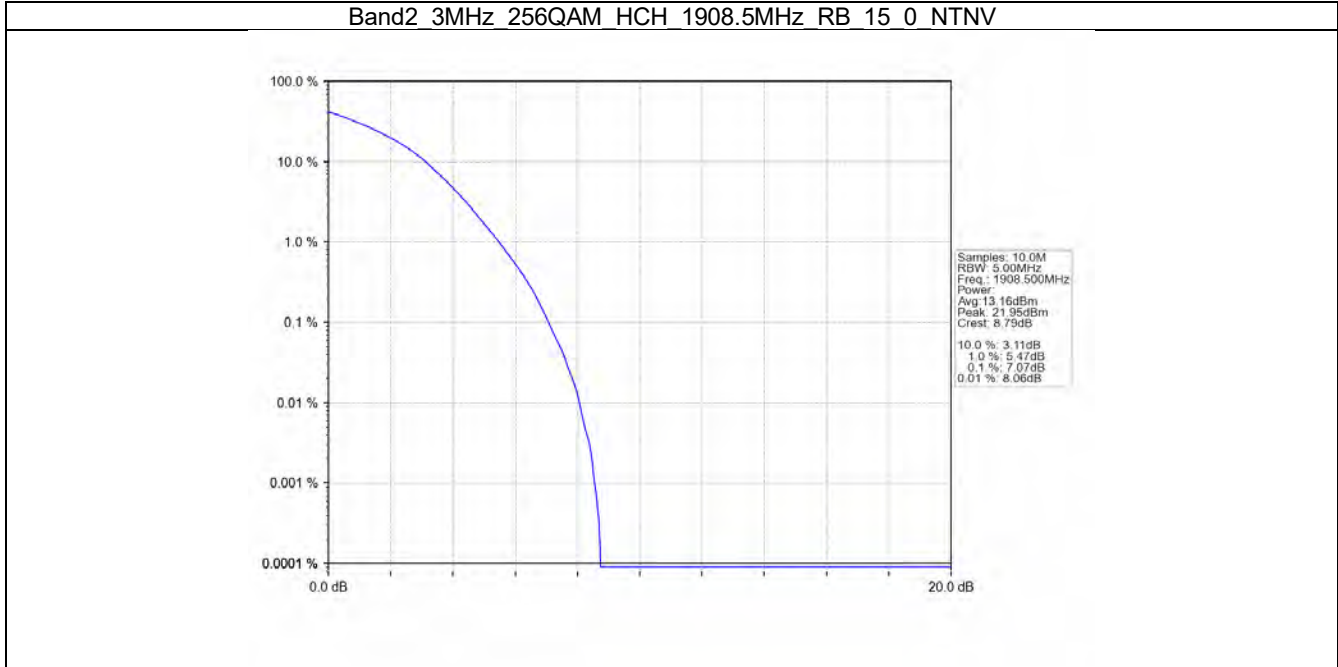
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Report No.: SEWM2311000466RG01

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Page: 196 of 303



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 197 of 303

4.3 B2_5MHz

4.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.65	<=13	Pass
	1880	25	0	6.73	<=13	Pass
	1907.5	25	0	5.57	<=13	Pass
16QAM	1852.5	25	0	6.37	<=13	Pass
	1880	25	0	6.73	<=13	Pass
	1907.5	25	0	5.54	<=13	Pass
64QAM	1852.5	25	0	6.70	<=13	Pass
	1880	25	0	6.74	<=13	Pass
	1907.5	25	0	5.52	<=13	Pass
256QAM	1852.5	25	0	7.06	<=13	Pass
	1880	25	0	6.95	<=13	Pass
	1907.5	25	0	7.04	<=13	Pass



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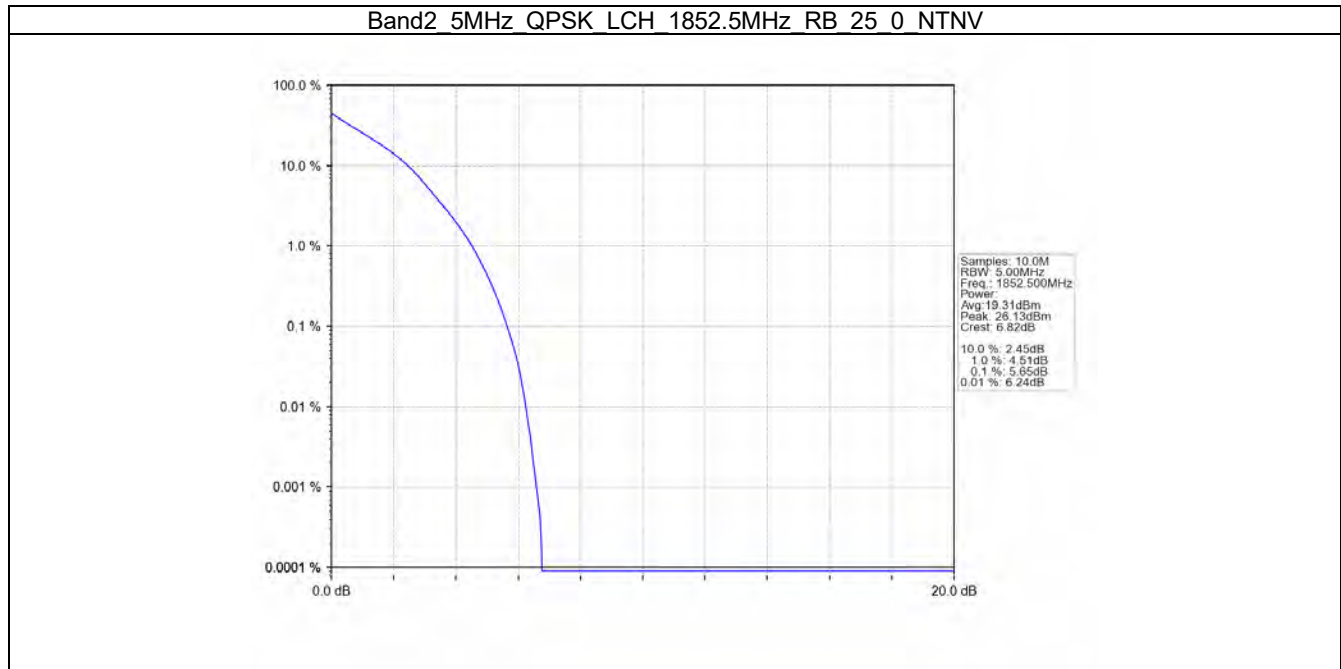
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Rev.: 01

Page: 198 of 303

4.3.2 Test Graph

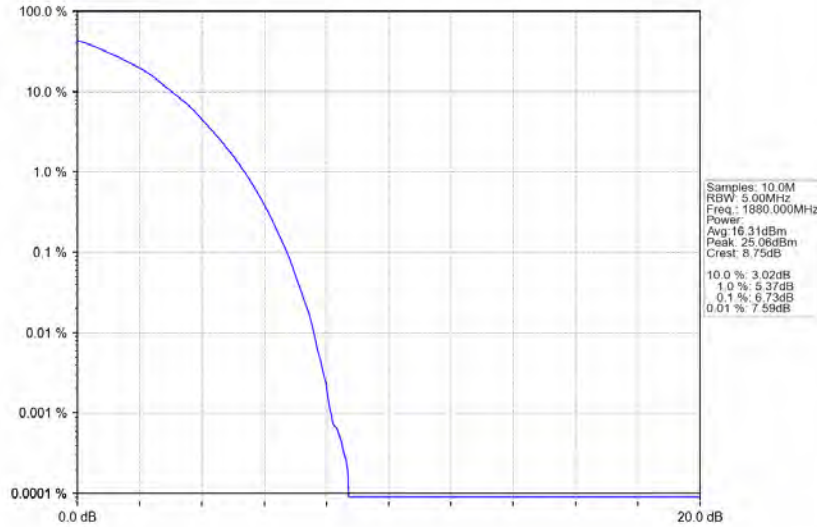


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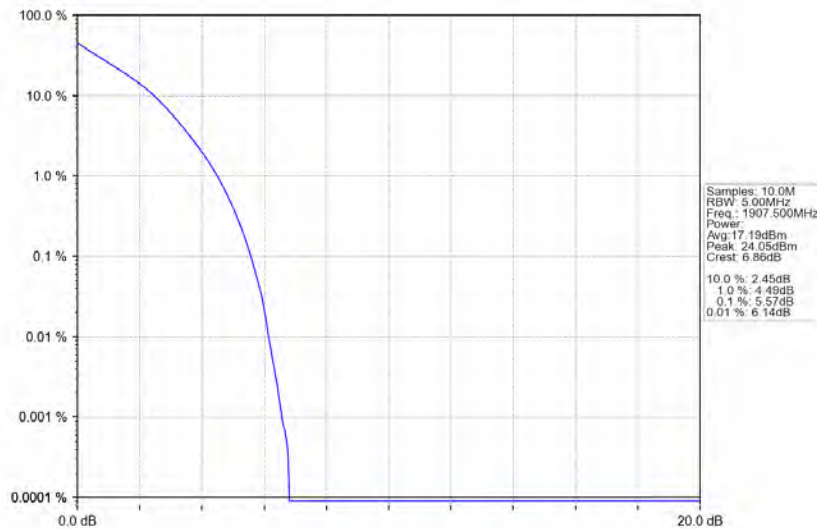
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Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV

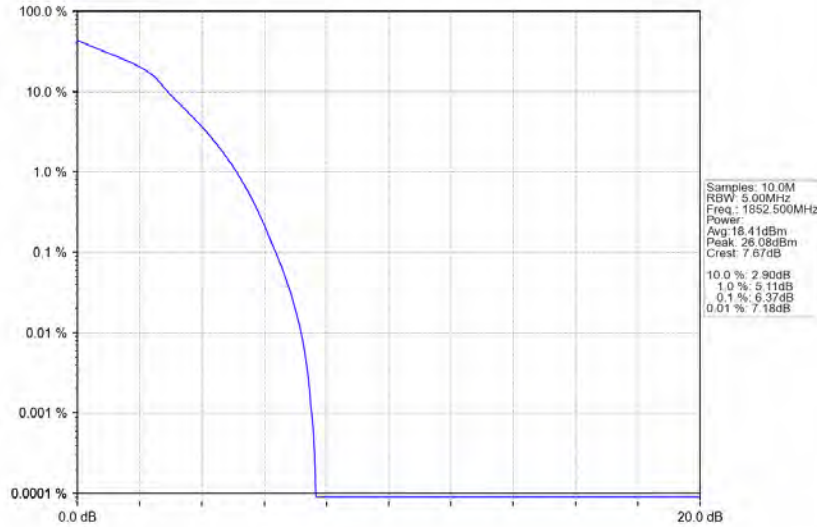


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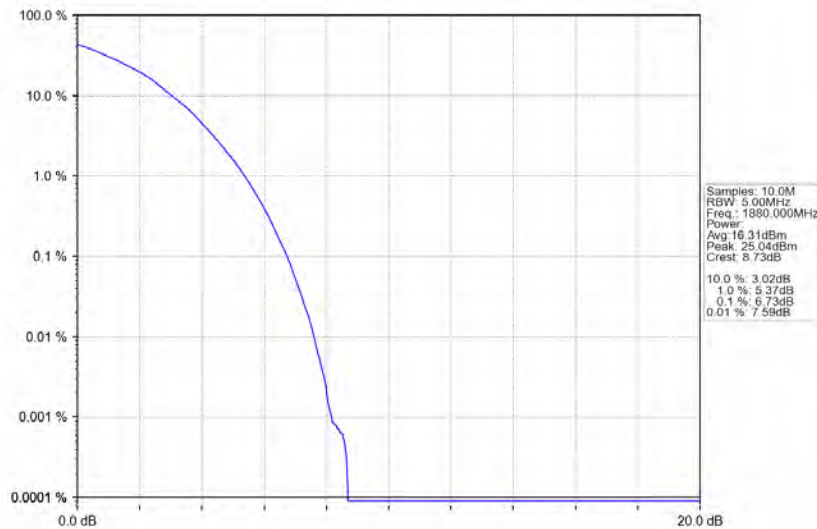
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Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTN

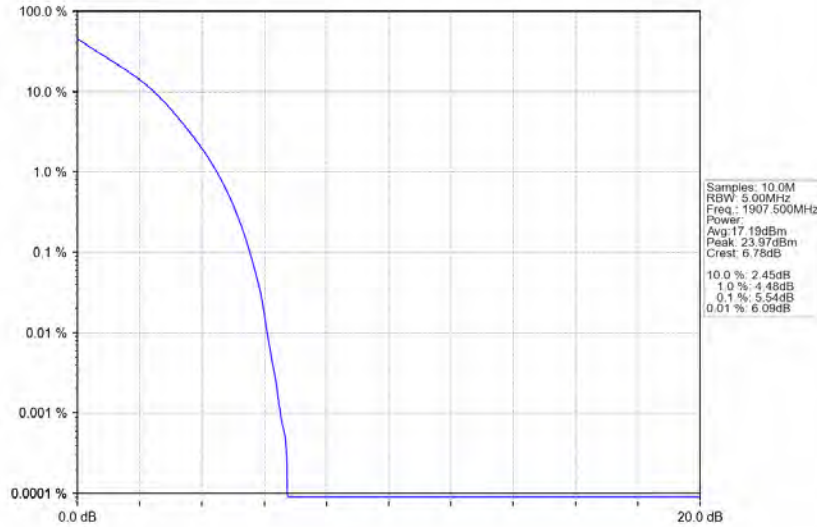


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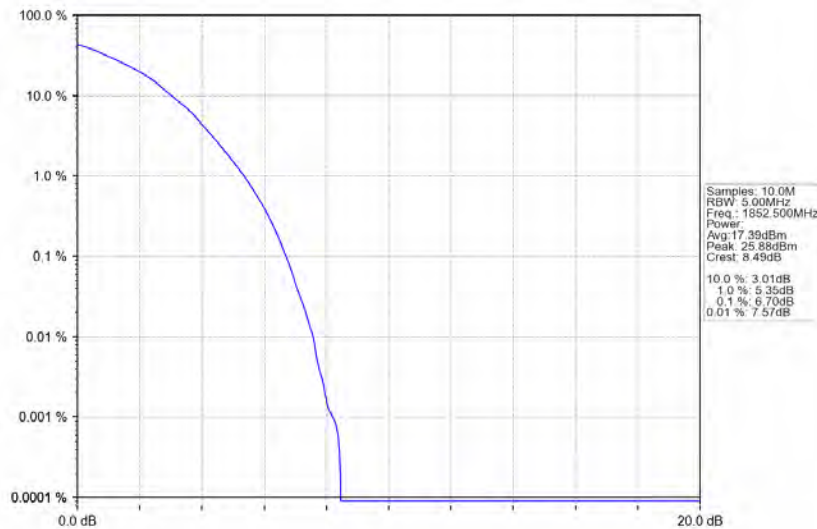
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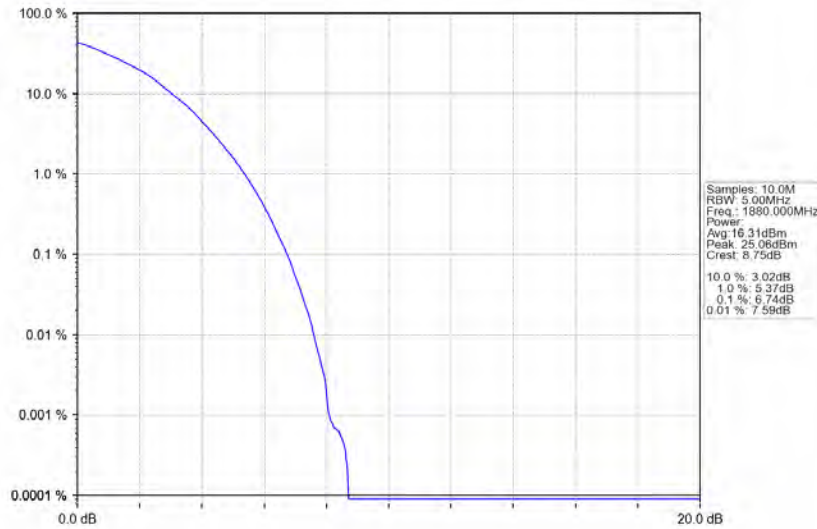
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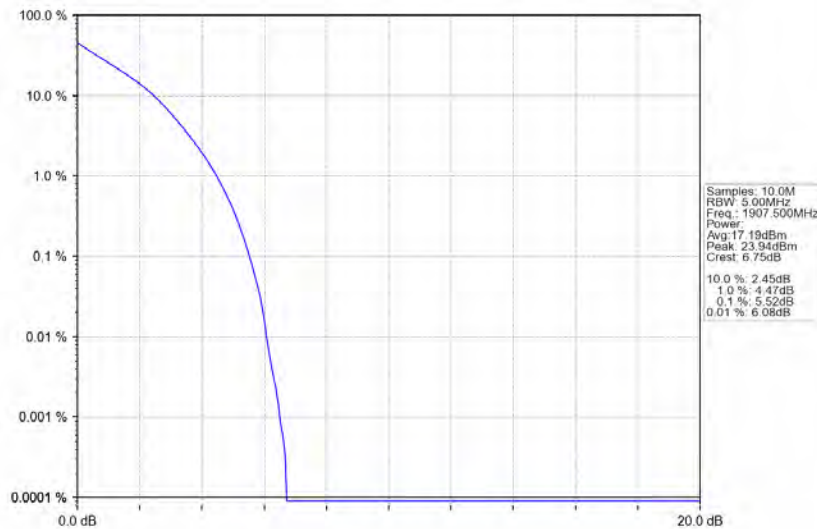
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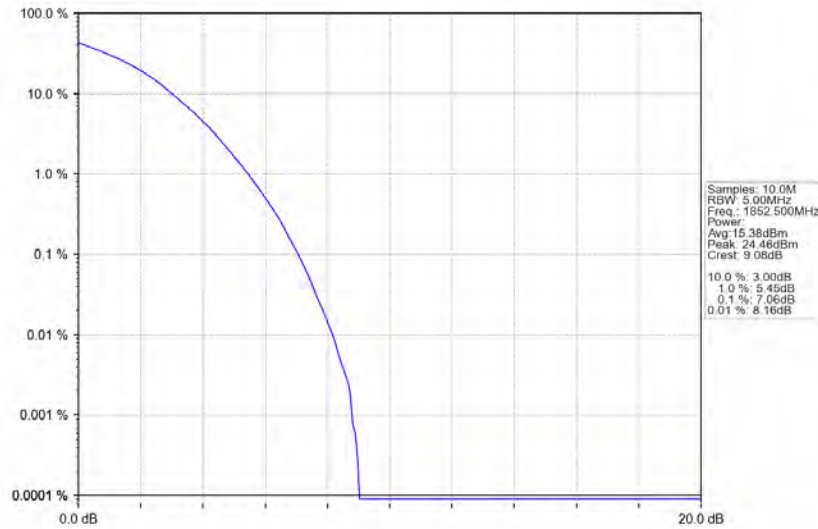
Band2 5MHz 64QAM HCH 1907.5MHz RB 25 0 NTV



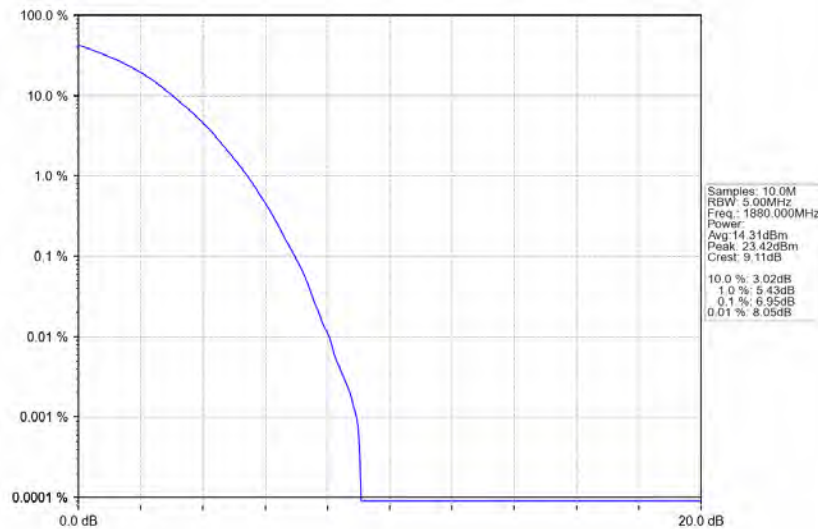
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Band2 5MHz 256QAM LCH 1852.5MHz RB 25 0 NTV



Band2 5MHz 256QAM MCH 1880MHz RB 25 0 NTV



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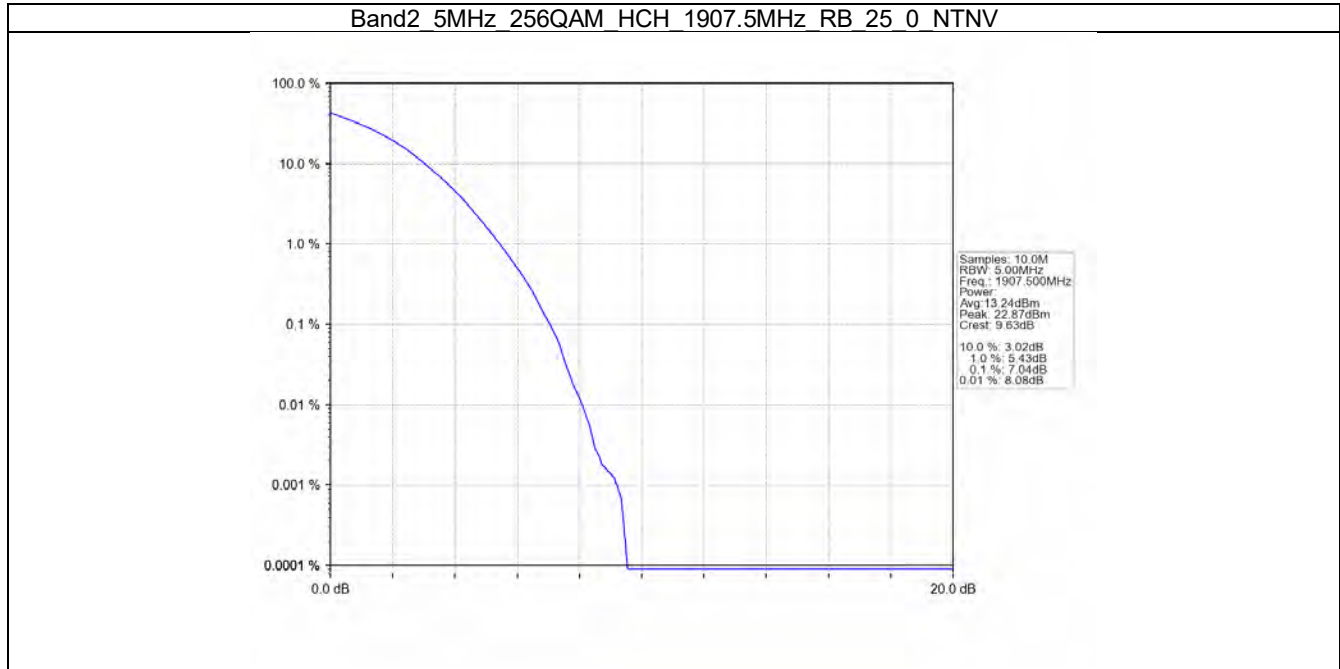
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 204 of 303



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 205 of 303

4.4 B2_10MHz

4.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.53	<=13	Pass
	1880	50	0	6.70	<=13	Pass
	1905	50	0	5.51	<=13	Pass
16QAM	1855	50	0	5.51	<=13	Pass
	1880	50	0	6.69	<=13	Pass
	1905	50	0	6.31	<=13	Pass
64QAM	1855	50	0	5.51	<=13	Pass
	1880	50	0	6.69	<=13	Pass
	1905	50	0	6.68	<=13	Pass
256QAM	1855	50	0	6.86	<=13	Pass
	1880	50	0	7.01	<=13	Pass
	1905	50	0	7.06	<=13	Pass



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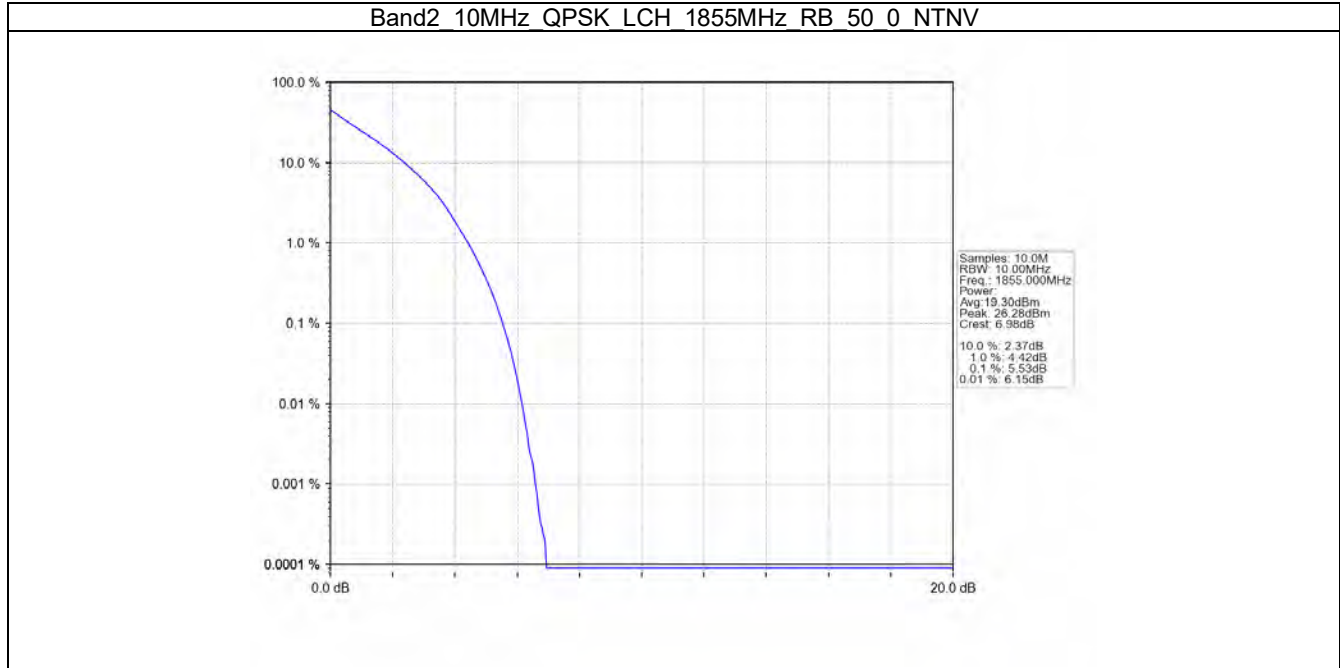
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 206 of 303

4.4.2 Test Graph

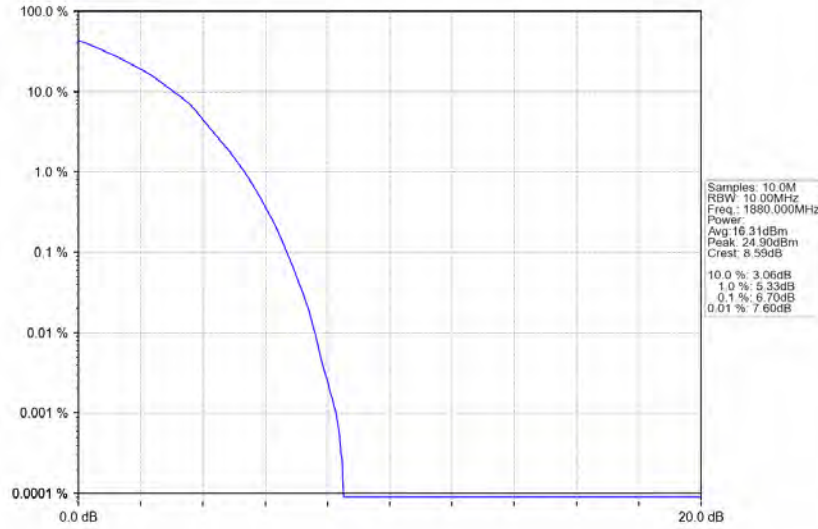


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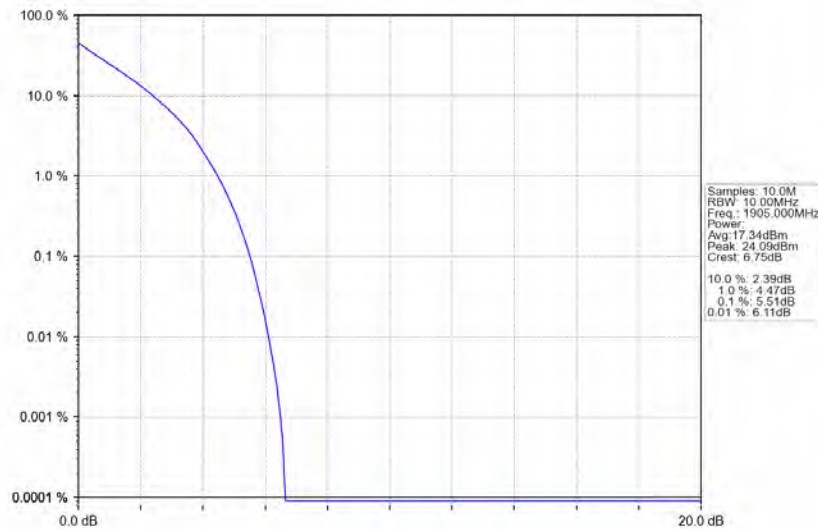
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Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTNV



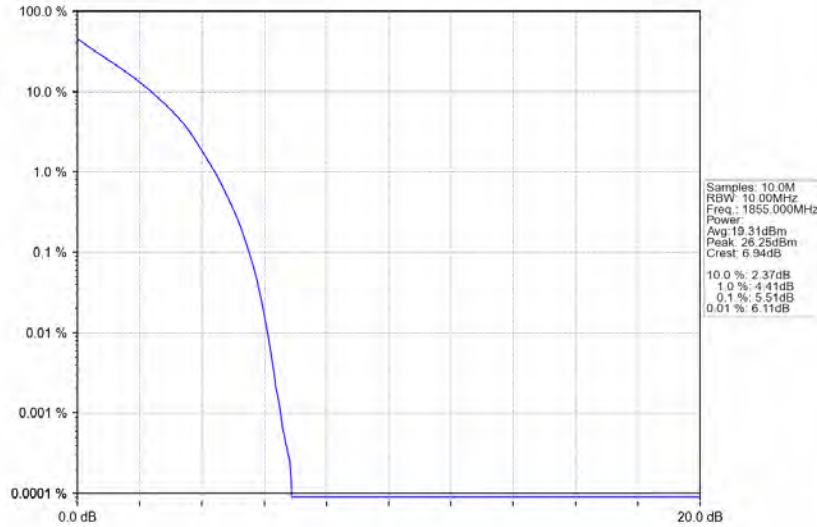
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



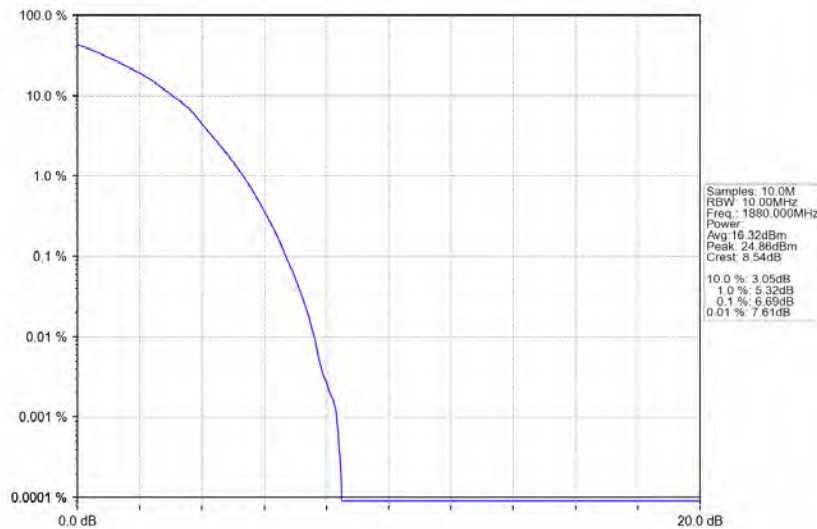
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Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV

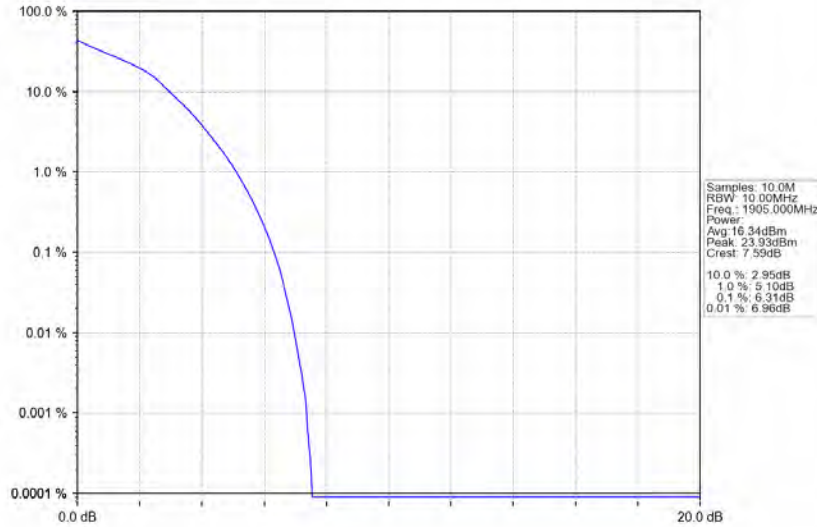


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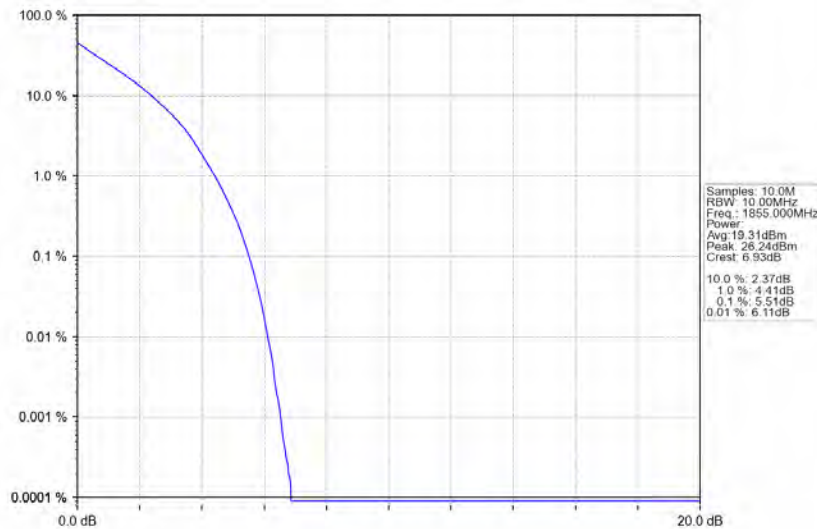
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Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTV



Band2 10MHz 64QAM LCH 1855MHz RB 50 0 NTV

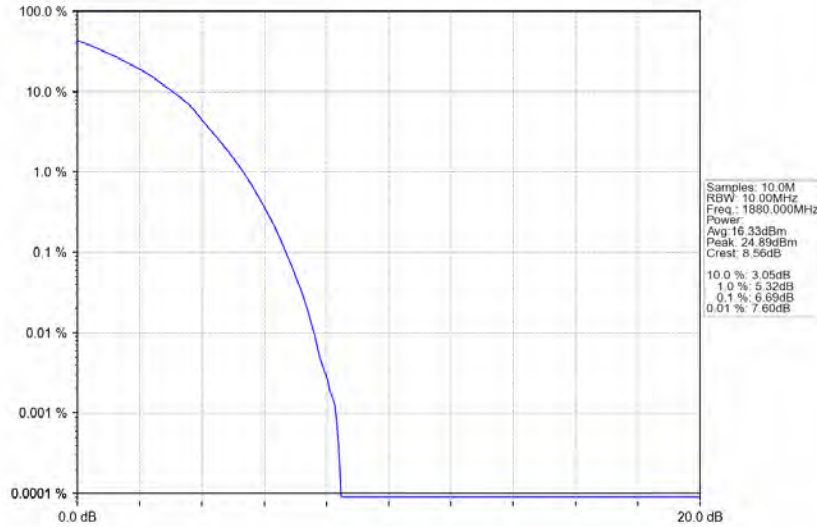


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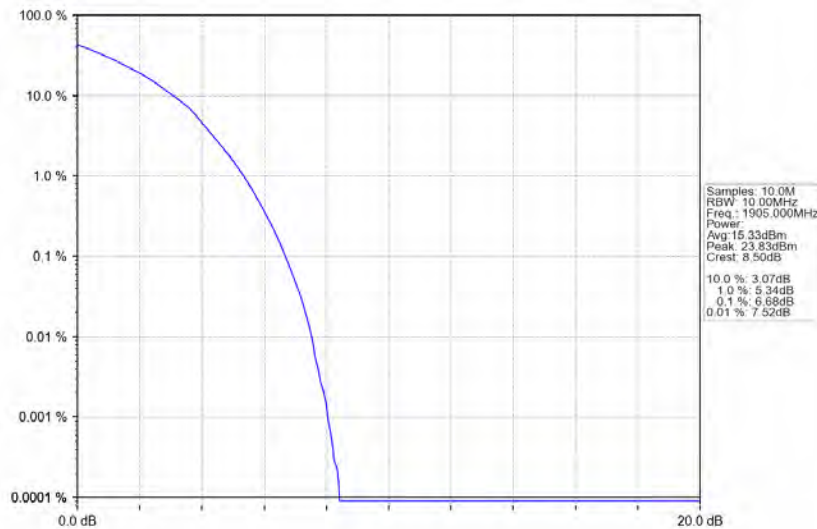
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Band2 10MHz 64QAM MCH 1880MHz RB 50 0 NTV



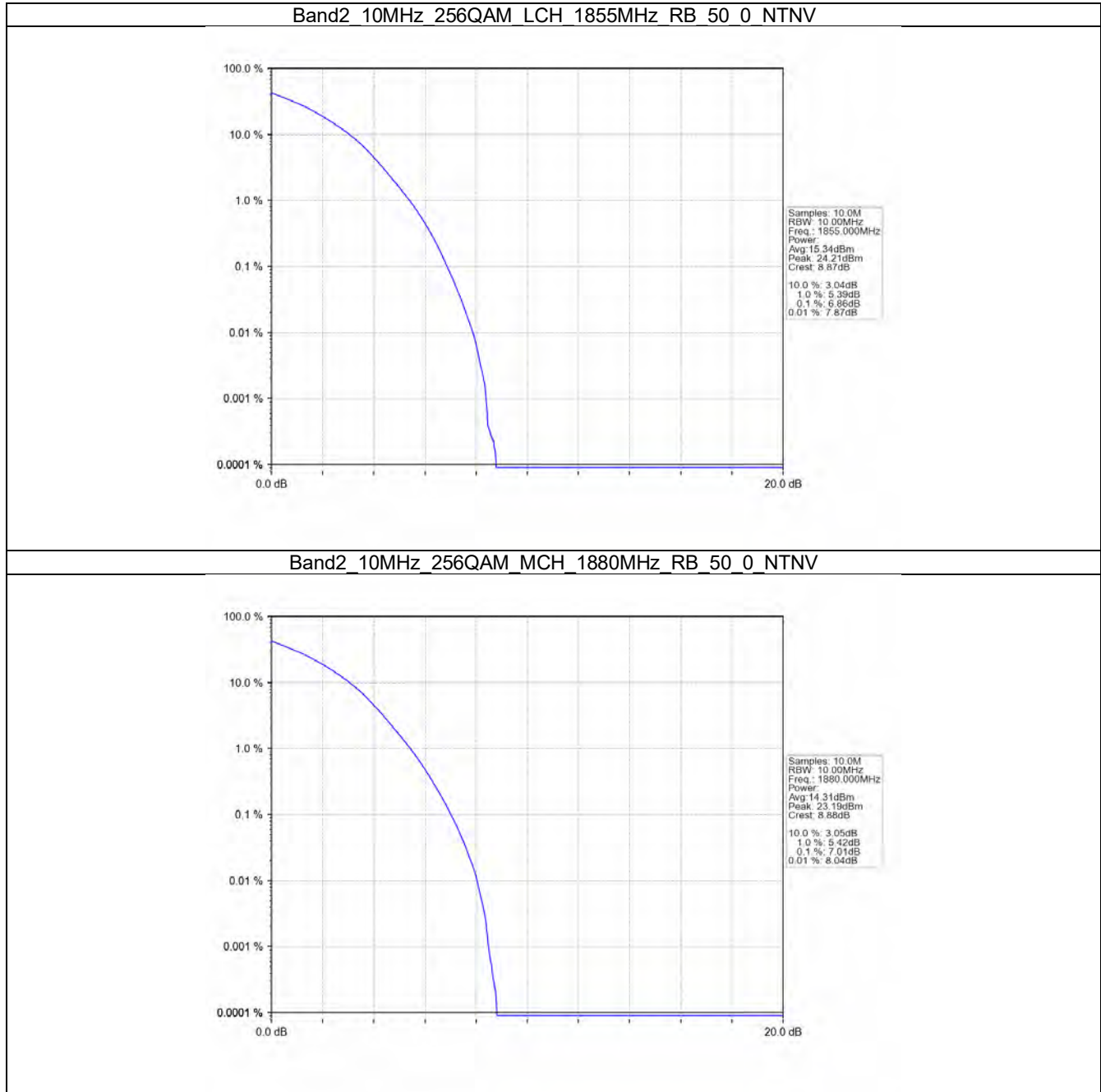
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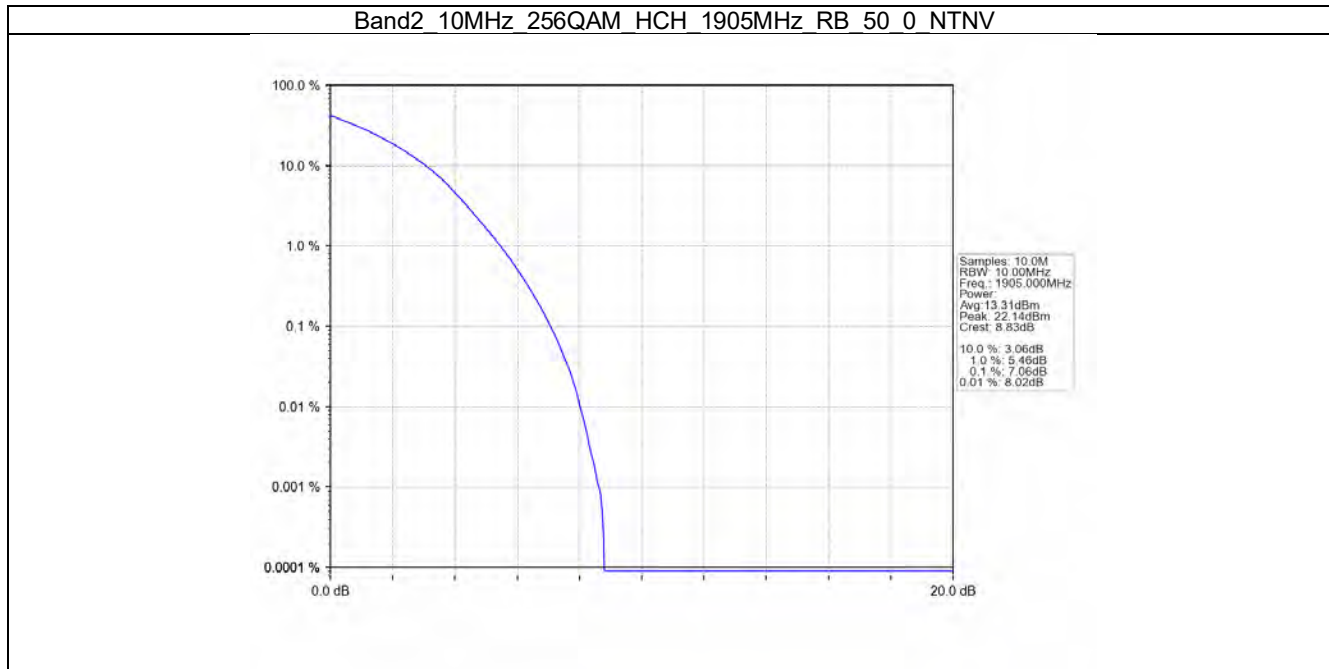
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Rev.: 01

Page: 212 of 303



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 213 of 303

4.5 B2_15MHz

4.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.54	<=13	Pass
	1880	75	0	6.65	<=13	Pass
	1902.5	75	0	5.50	<=13	Pass
16QAM	1857.5	75	0	6.11	<=13	Pass
	1880	75	0	6.64	<=13	Pass
	1902.5	75	0	6.12	<=13	Pass
64QAM	1857.5	75	0	6.48	<=13	Pass
	1880	75	0	6.64	<=13	Pass
	1902.5	75	0	6.55	<=13	Pass
256QAM	1857.5	75	0	6.82	<=13	Pass
	1880	75	0	7.00	<=13	Pass
	1902.5	75	0	6.95	<=13	Pass



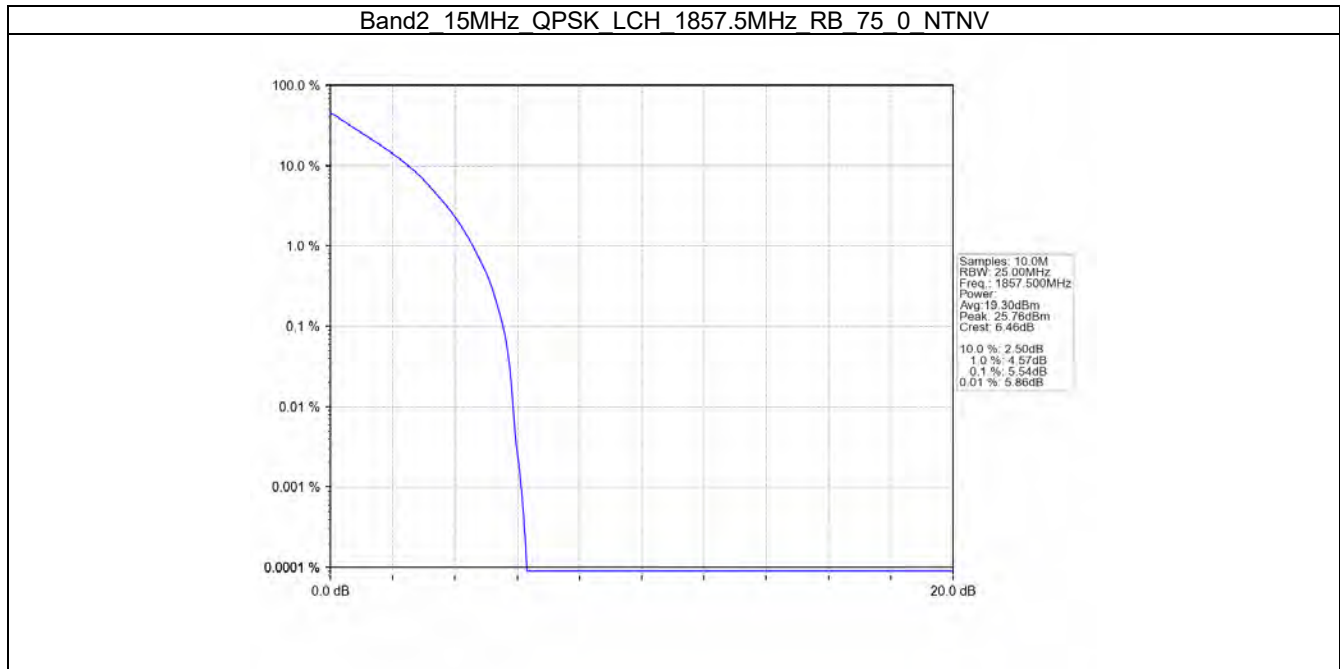
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4.5.2 Test Graph

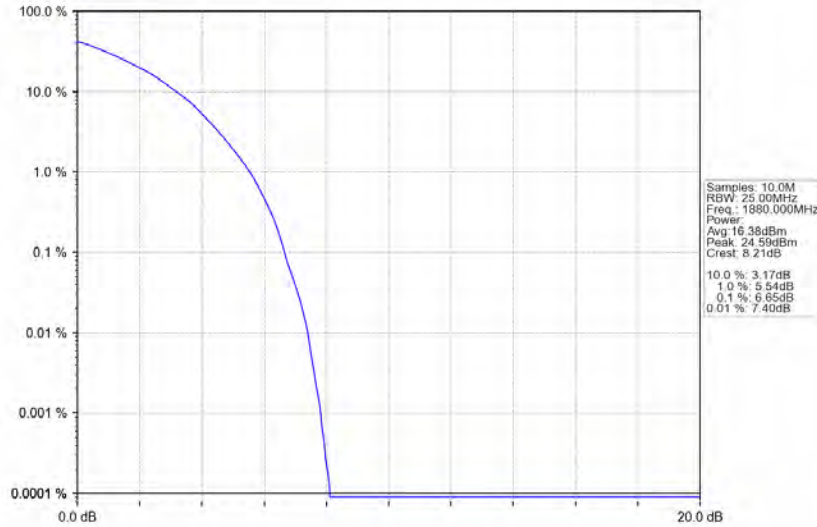


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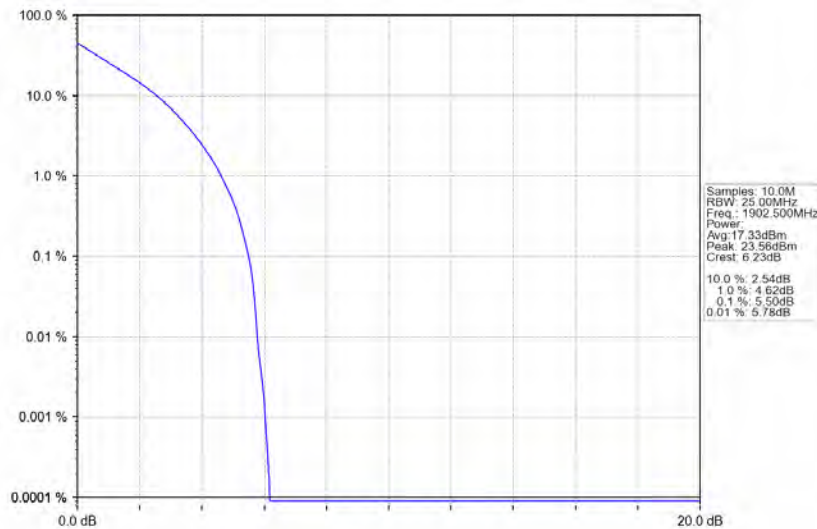
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Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTV



Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV

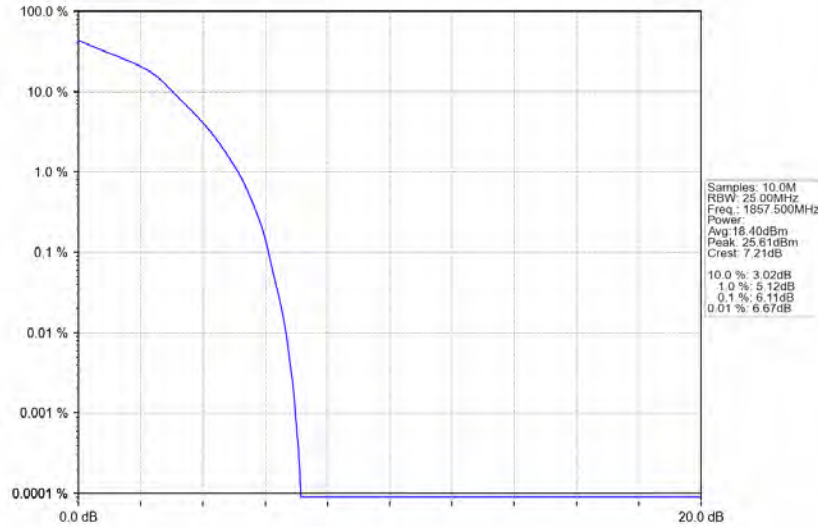


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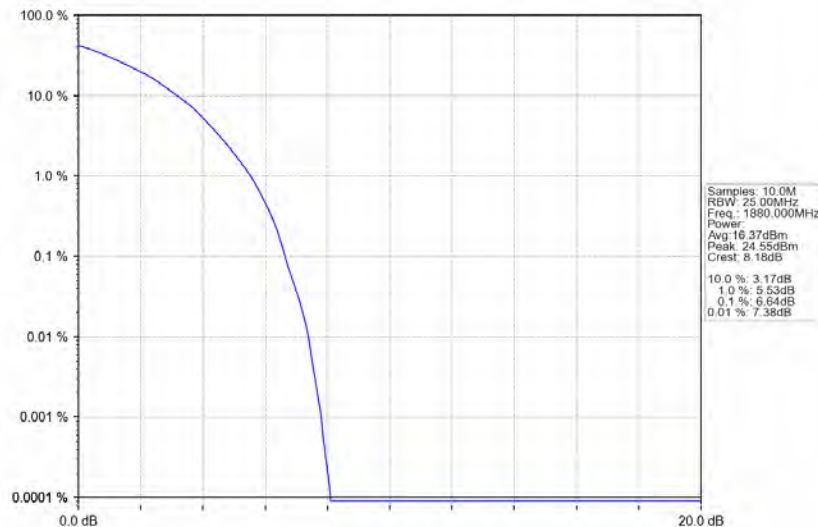
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Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTV



Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTV

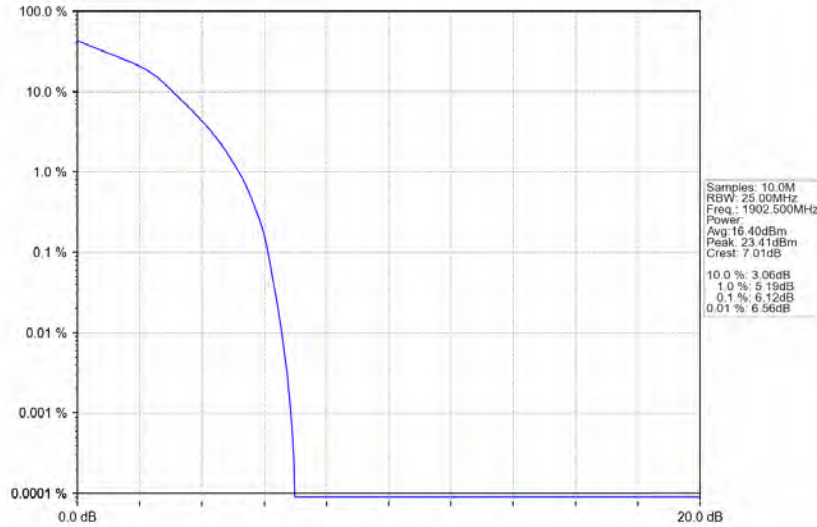


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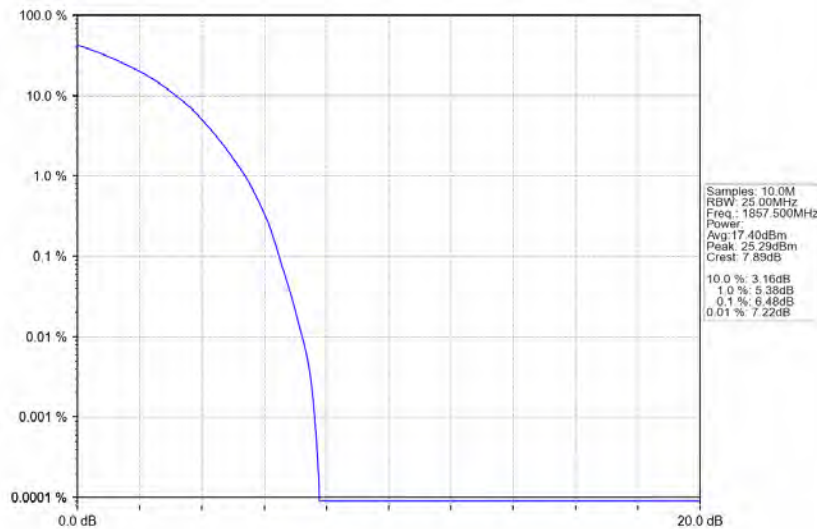
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Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTN



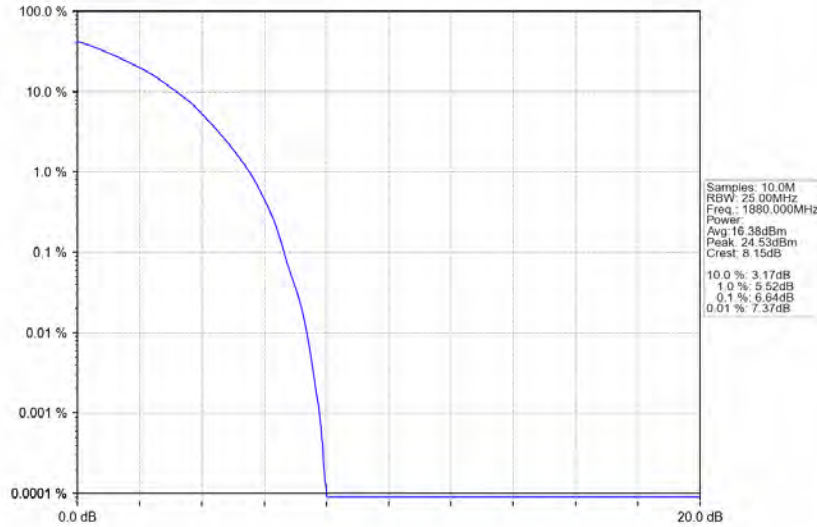
Band2 15MHz 64QAM LCH 1857.5MHz RB 75 0 NTN



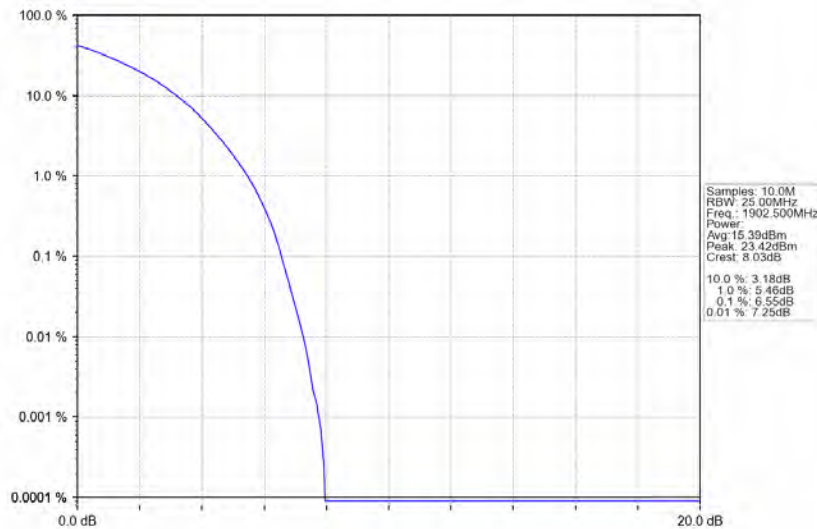
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Band2 15MHz 64QAM MCH 1880MHz RB 75 0 NTN



Band2 15MHz 64QAM HCH 1902.5MHz RB 75 0 NTN

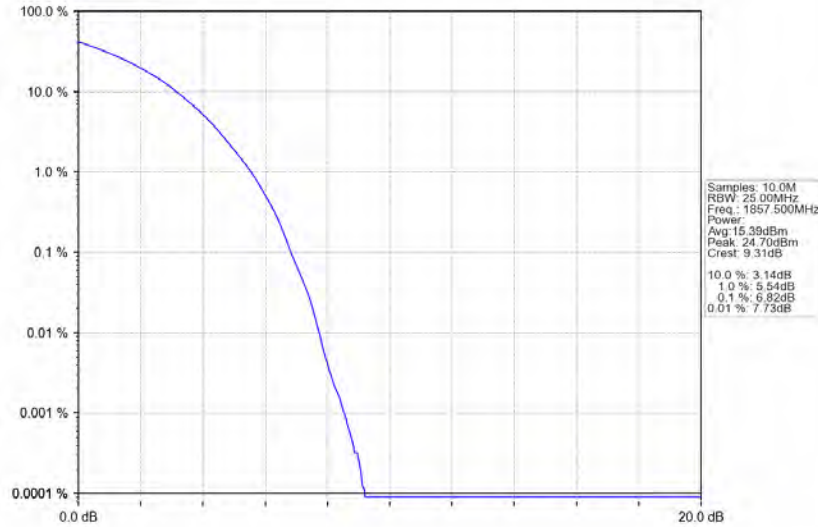


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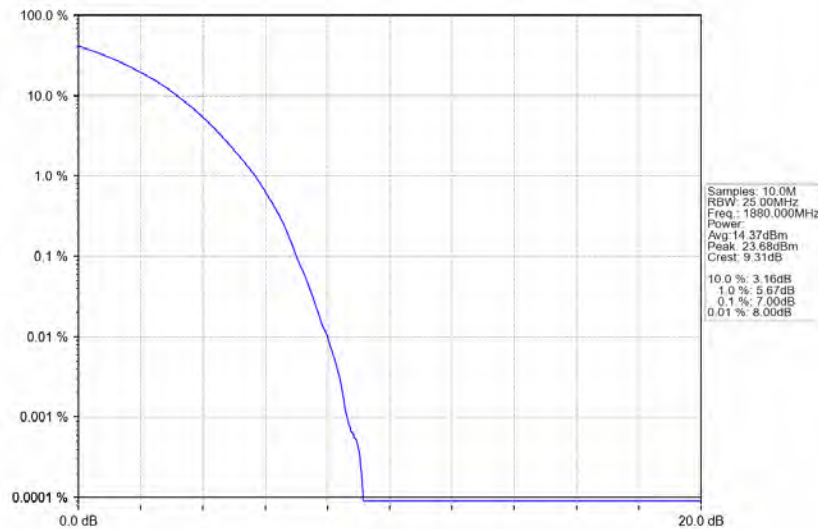
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Band2 15MHz 256QAM LCH 1857.5MHz RB 75 0 NTN



Band2 15MHz 256QAM MCH 1880MHz RB 75 0 NTN



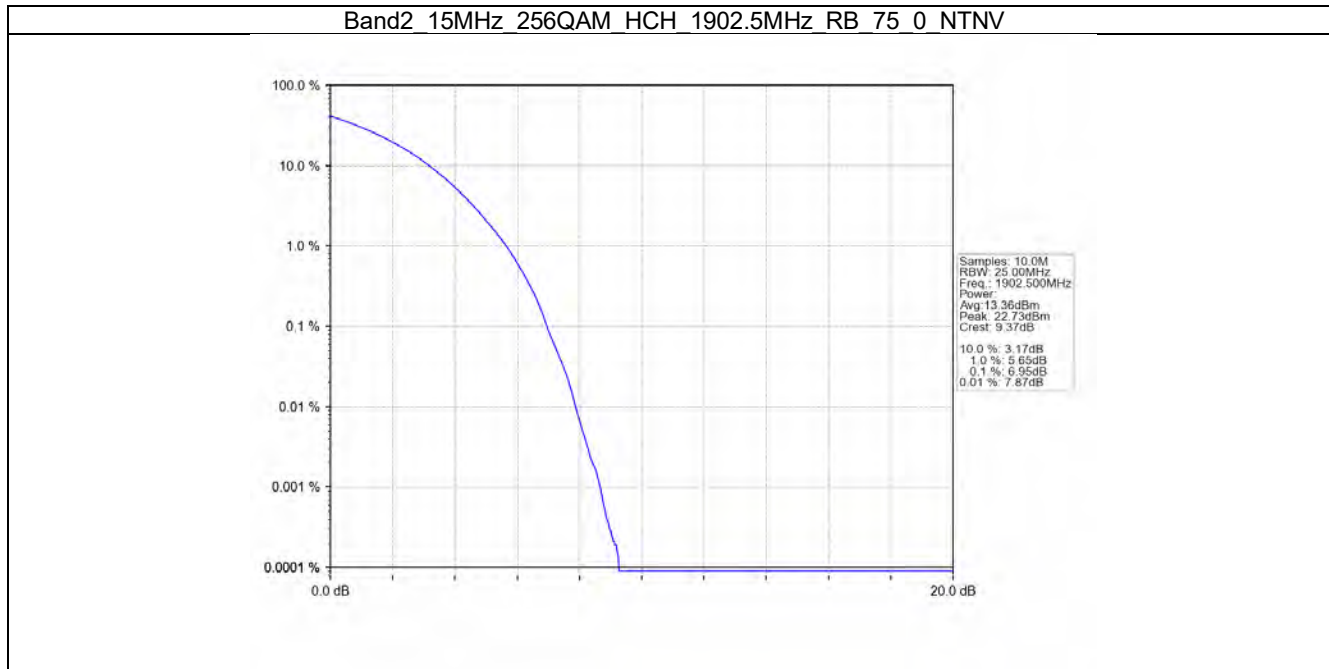
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 221 of 303

4.6 B2_20MHz

4.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.25	<=13	Pass
	1880	100	0	6.63	<=13	Pass
	1900	100	0	5.42	<=13	Pass
16QAM	1860	100	0	5.99	<=13	Pass
	1880	100	0	6.62	<=13	Pass
	1900	100	0	6.10	<=13	Pass
64QAM	1860	100	0	6.38	<=13	Pass
	1880	100	0	6.61	<=13	Pass
	1900	100	0	6.50	<=13	Pass
256QAM	1860	100	0	6.71	<=13	Pass
	1880	100	0	6.99	<=13	Pass
	1900	100	0	6.84	<=13	Pass



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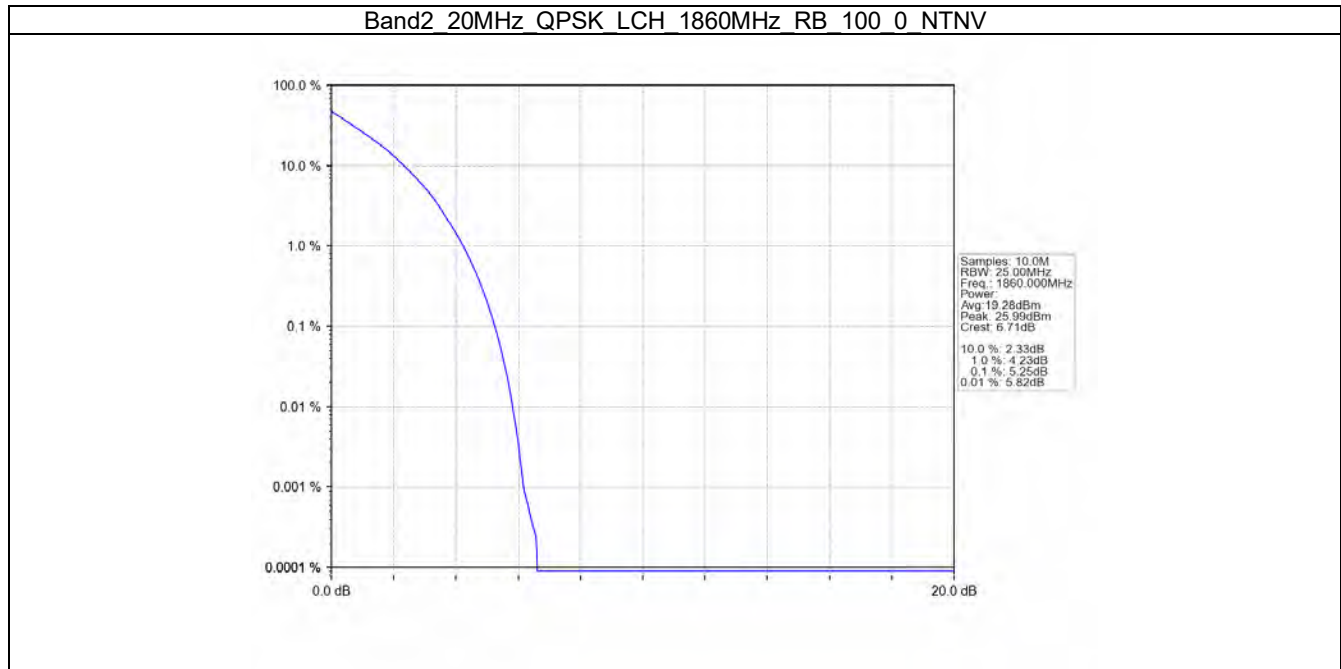
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Rev.: 01

Page: 222 of 303

4.6.2 Test Graph

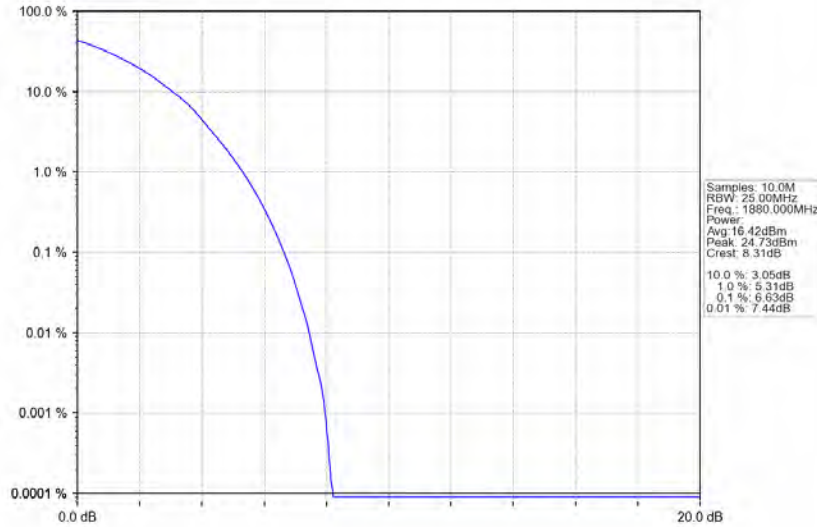


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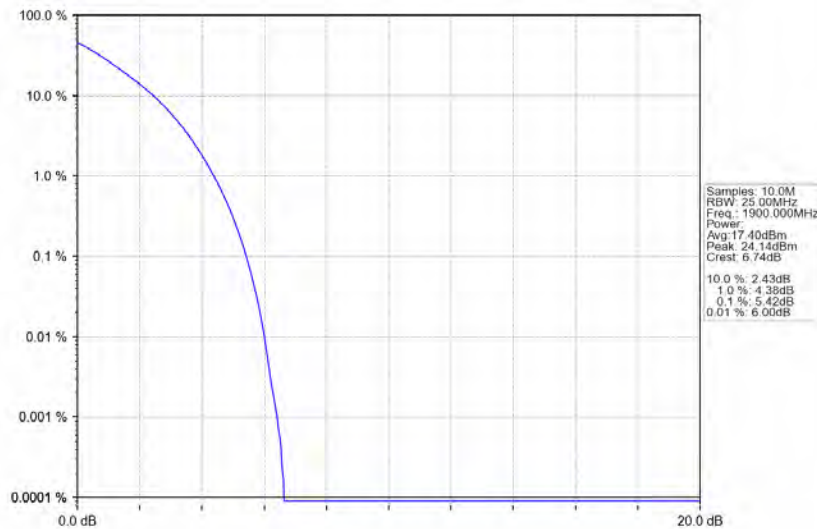
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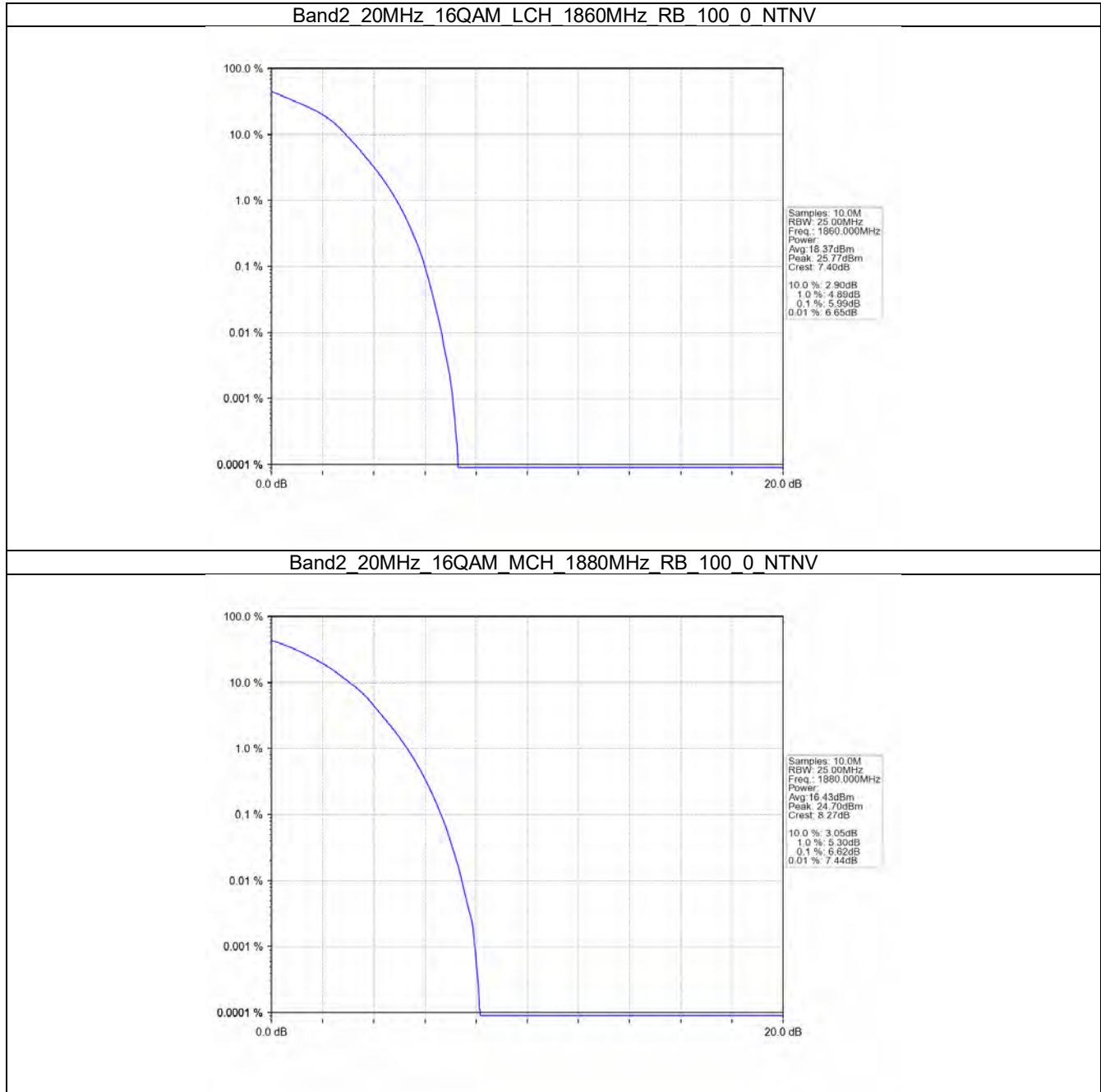
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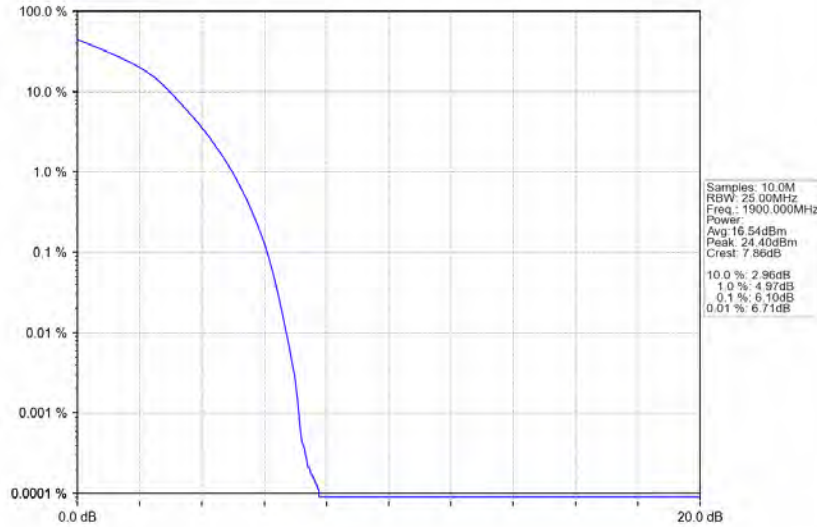


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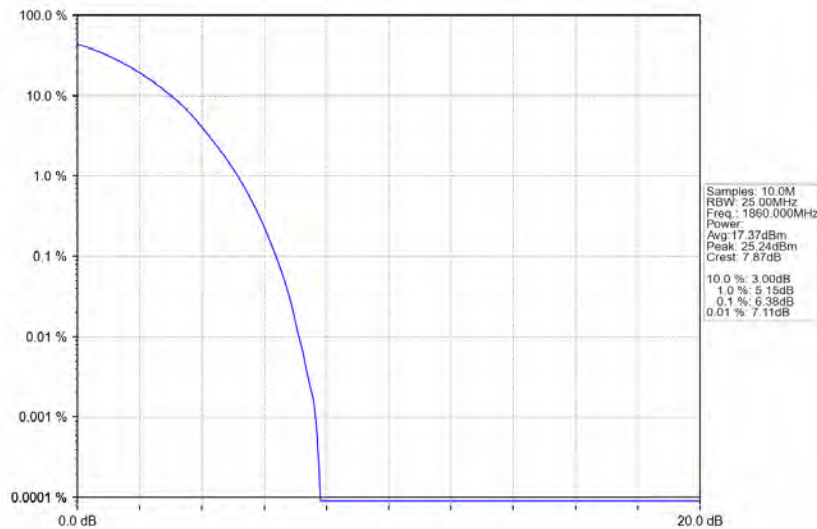
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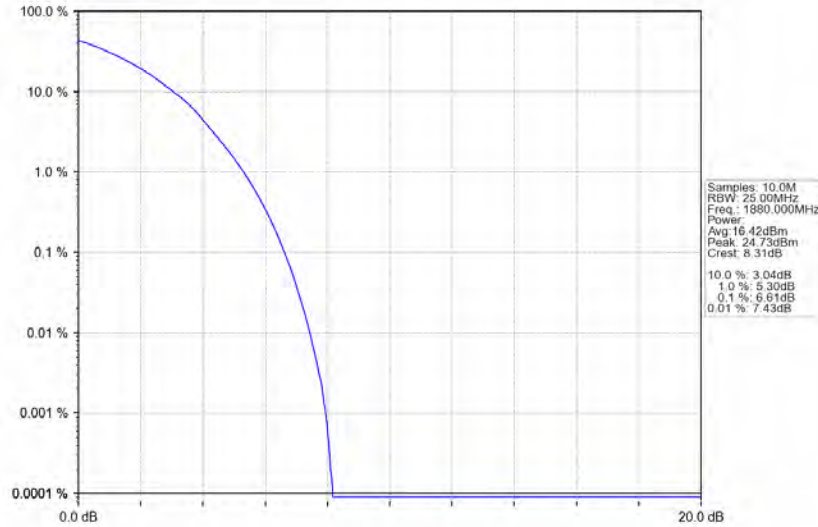
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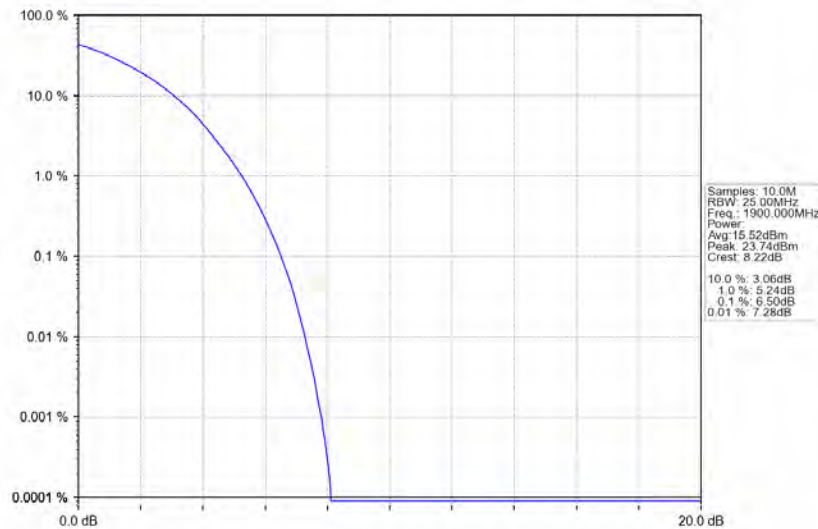
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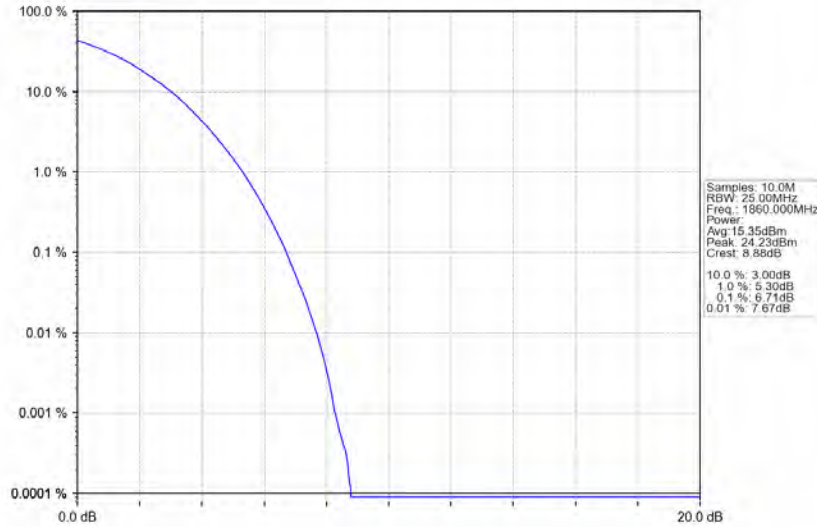


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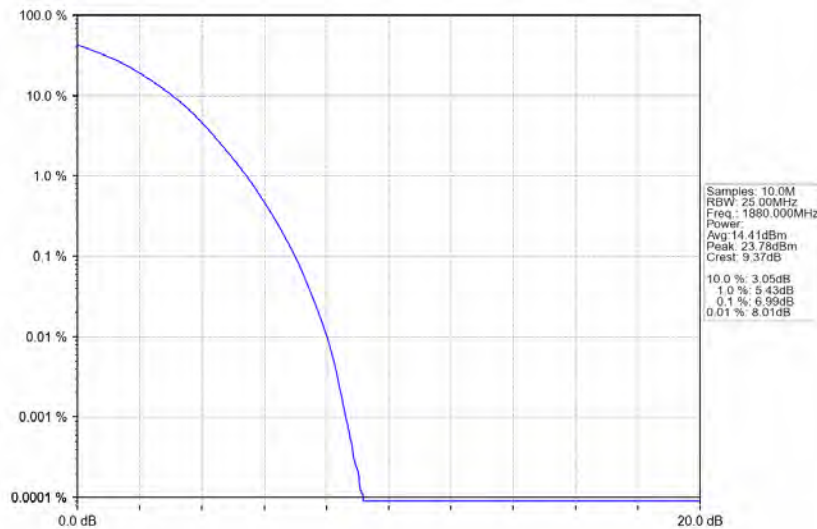
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Band2 20MHz 256QAM LCH 1860MHz RB 100 0 NTNV



Band2 20MHz 256QAM MCH 1880MHz RB 100 0 NTNV



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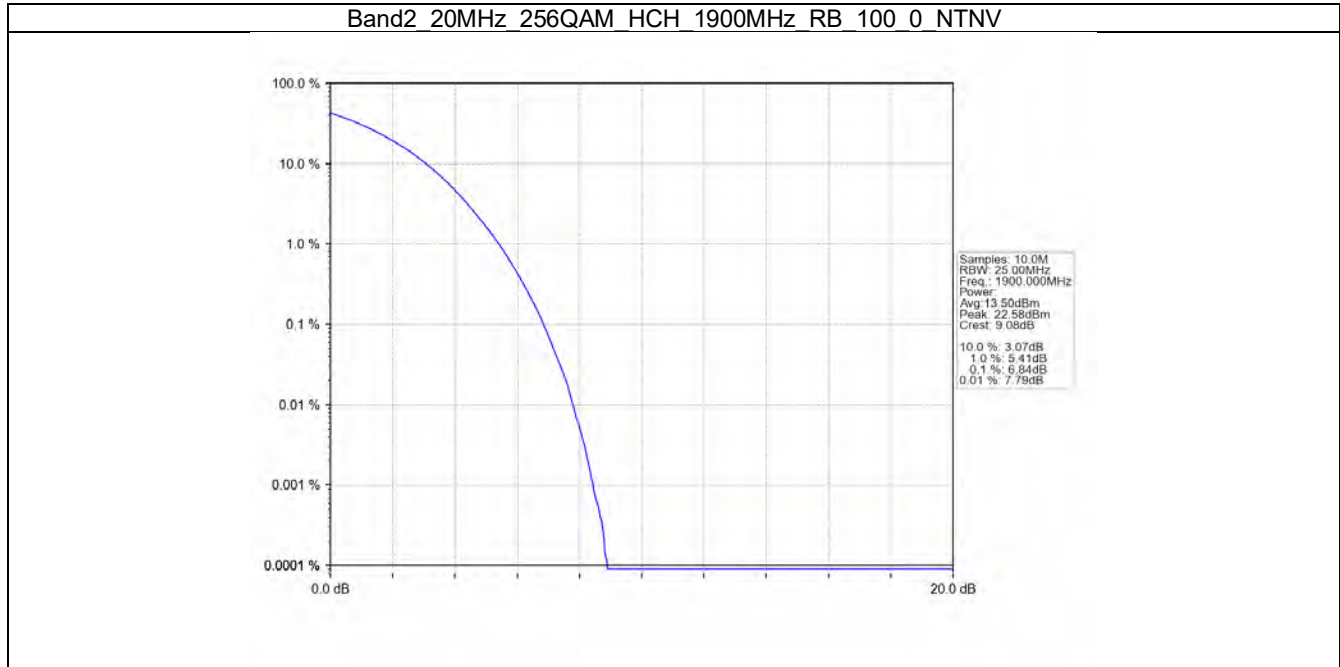
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 228 of 303



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 229 of 303

5. Spurious Emission & Band Edges

5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



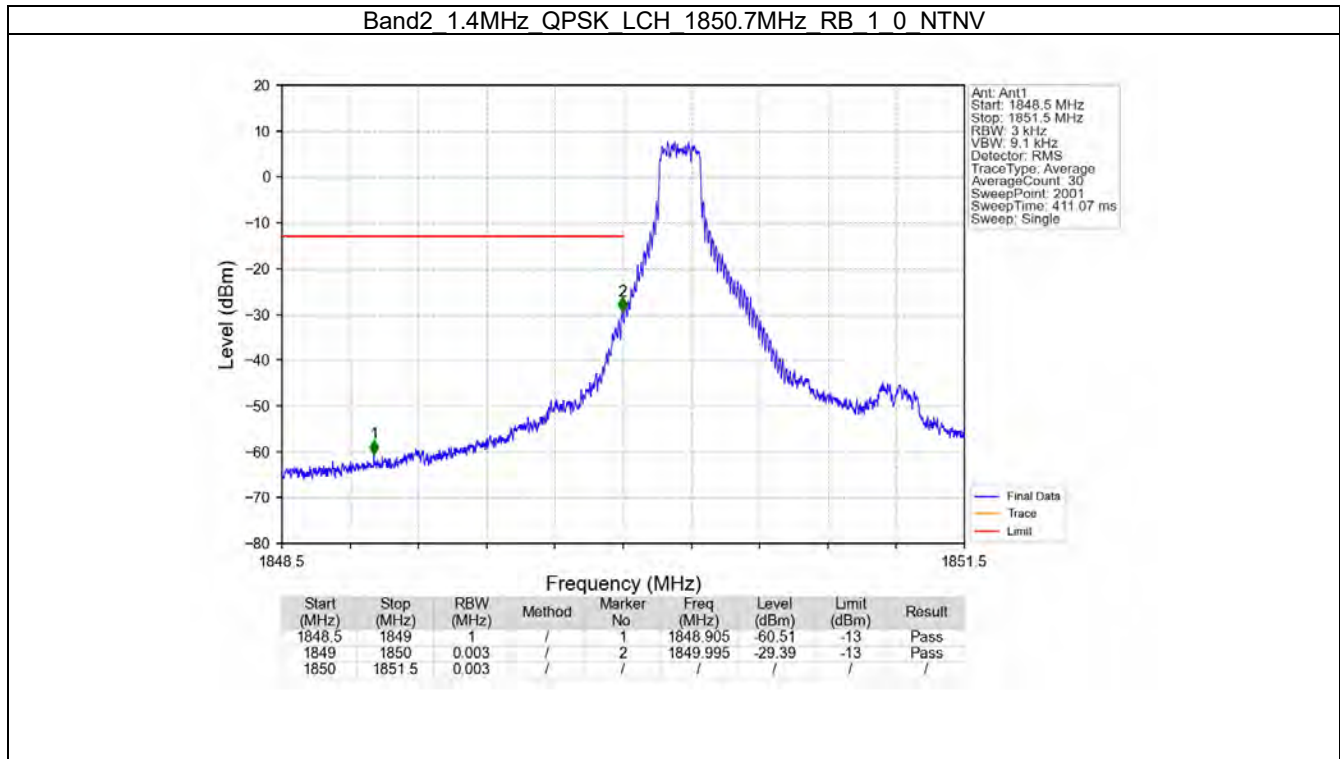
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5.1.2 Test Graph



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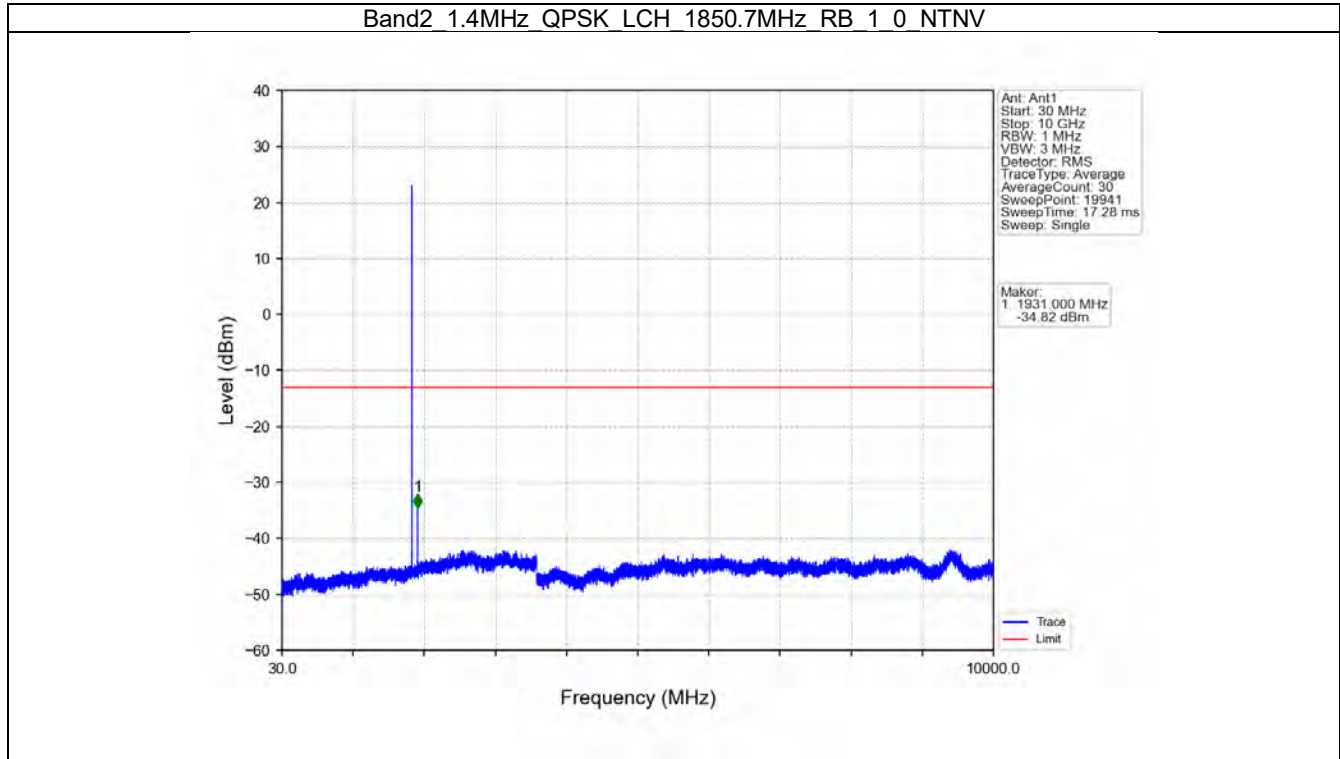
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 231 of 303



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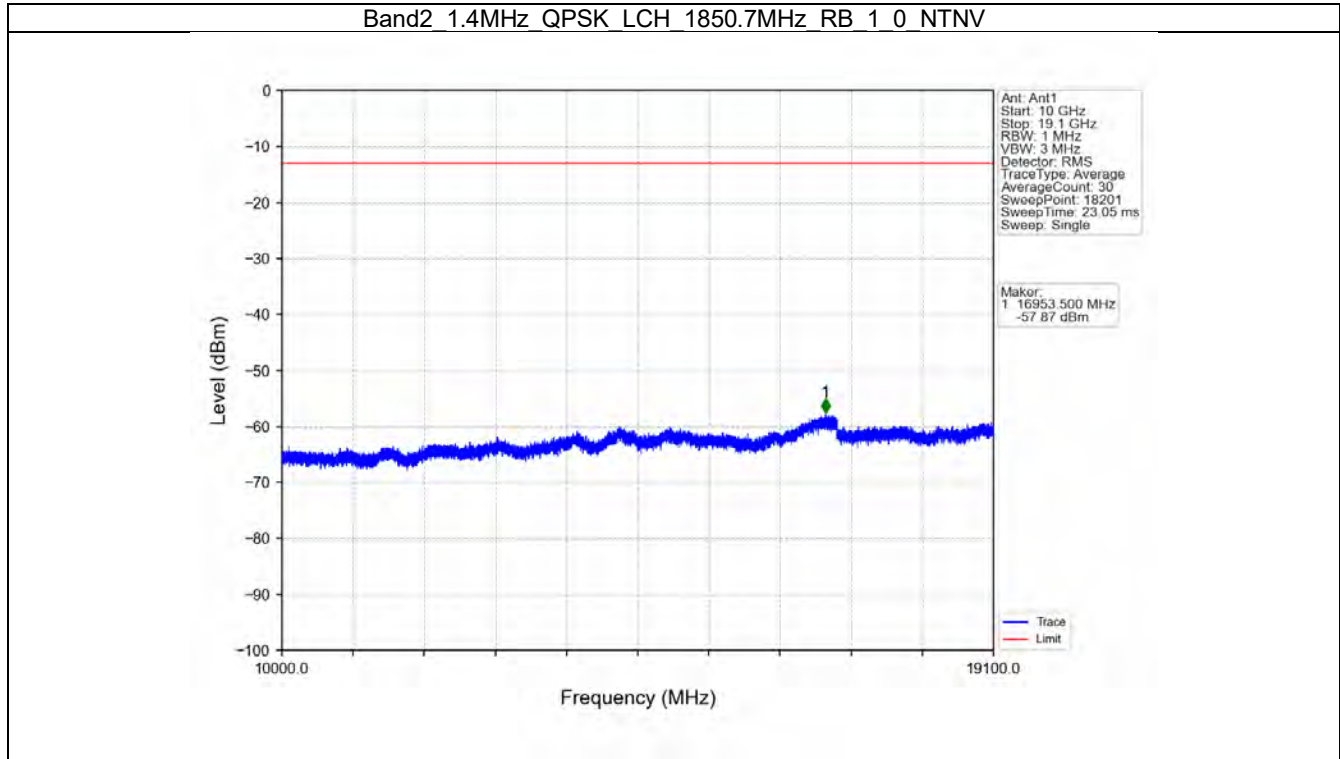
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Rev.: 01

Page: 232 of 303



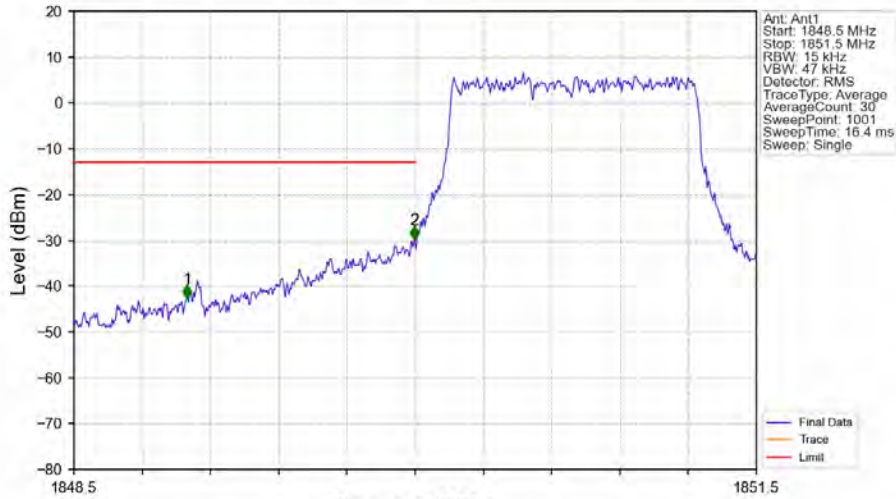
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Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.998	-42.86	-13	Pass
1849	1850	0.015	/	2	1849.997	-29.99	-13	Pass
1850	1851.5	0.015	/	/	/	/	/	/



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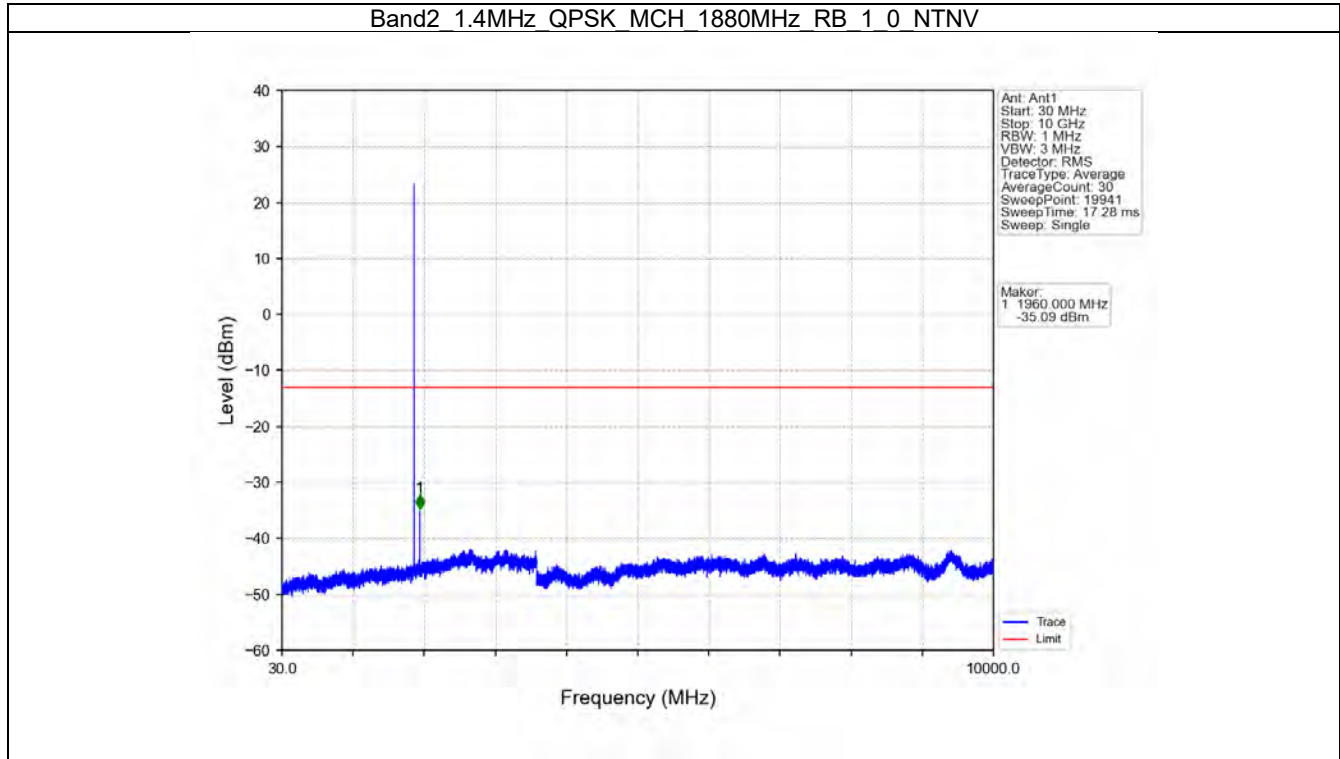
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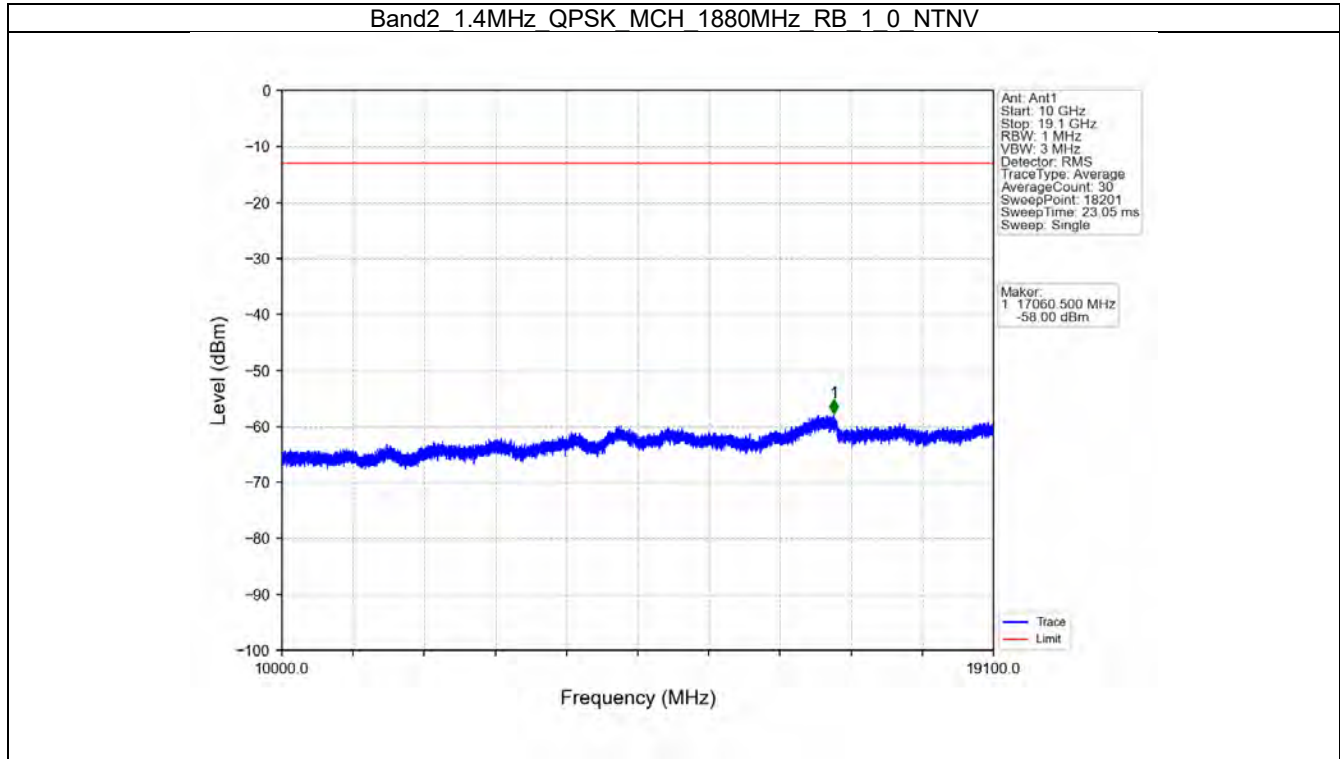
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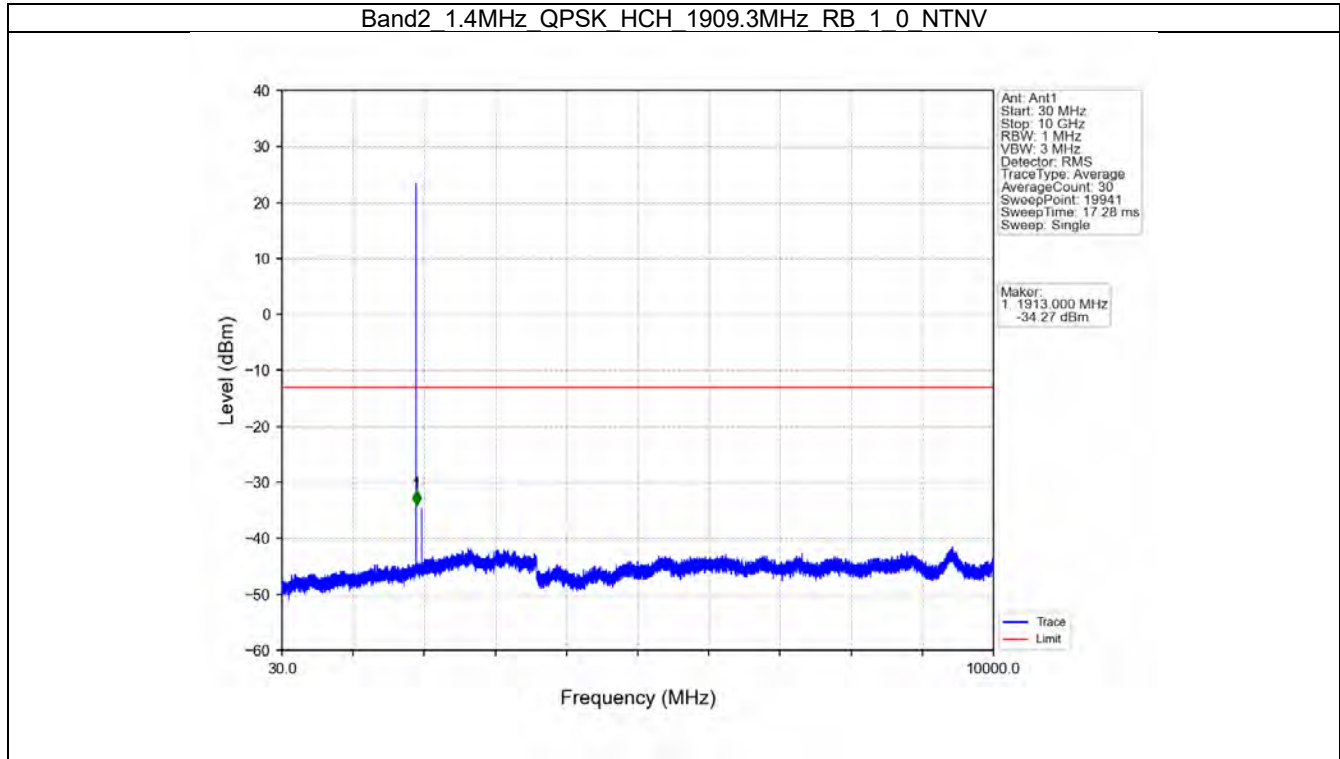
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Rev.: 01

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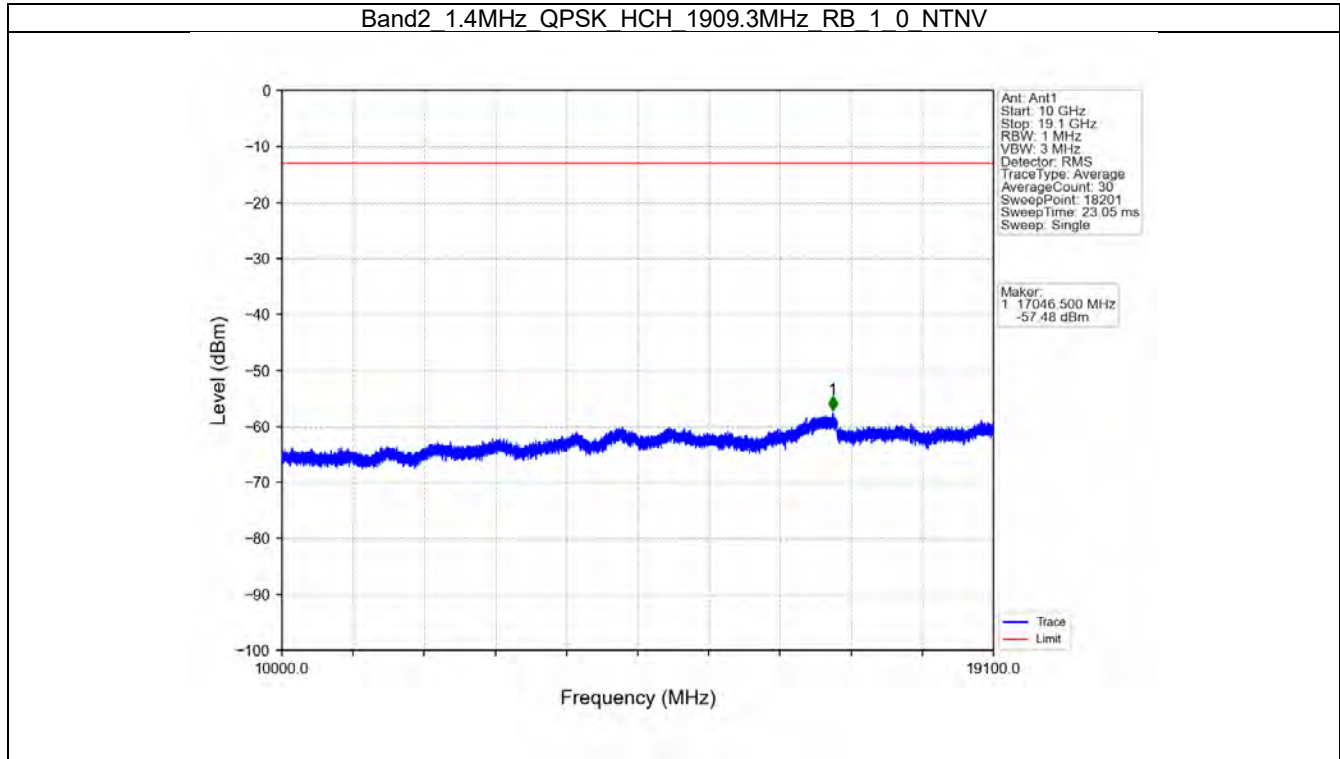
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Rev.: 01

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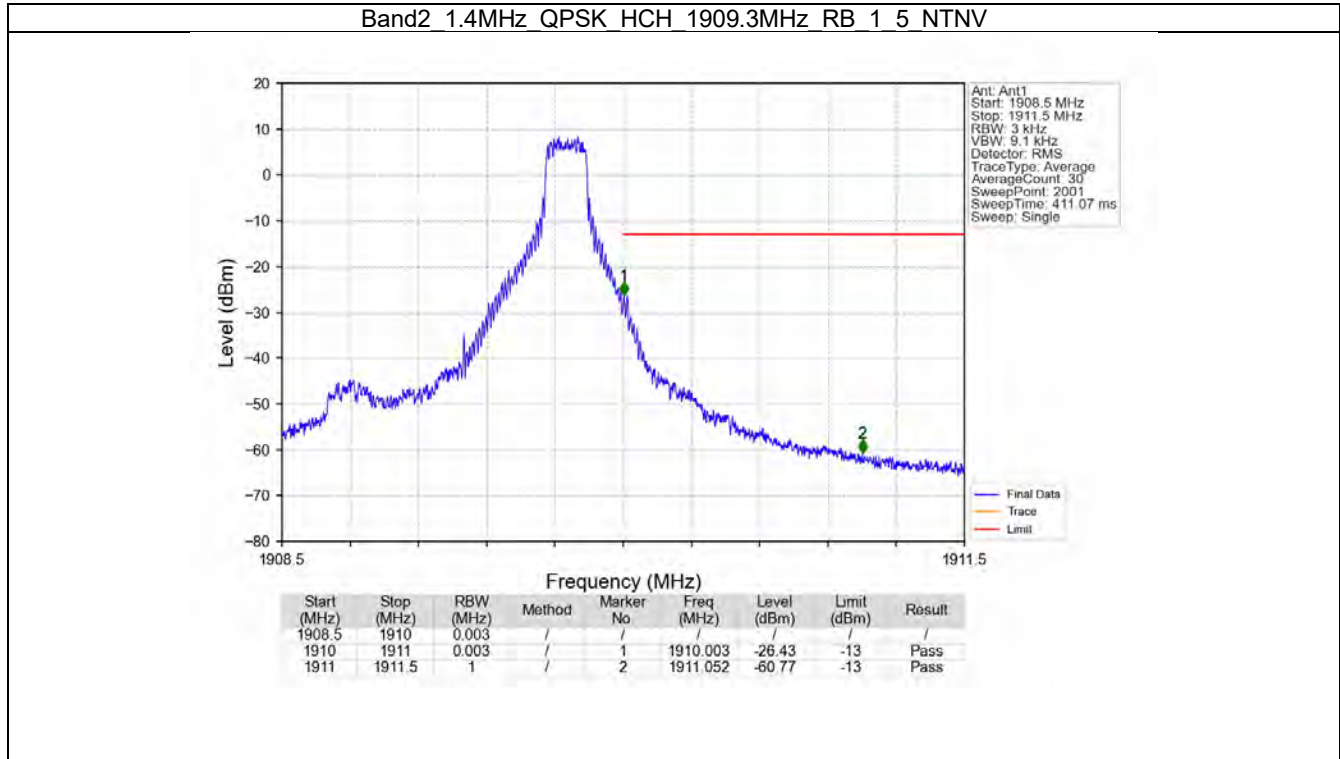
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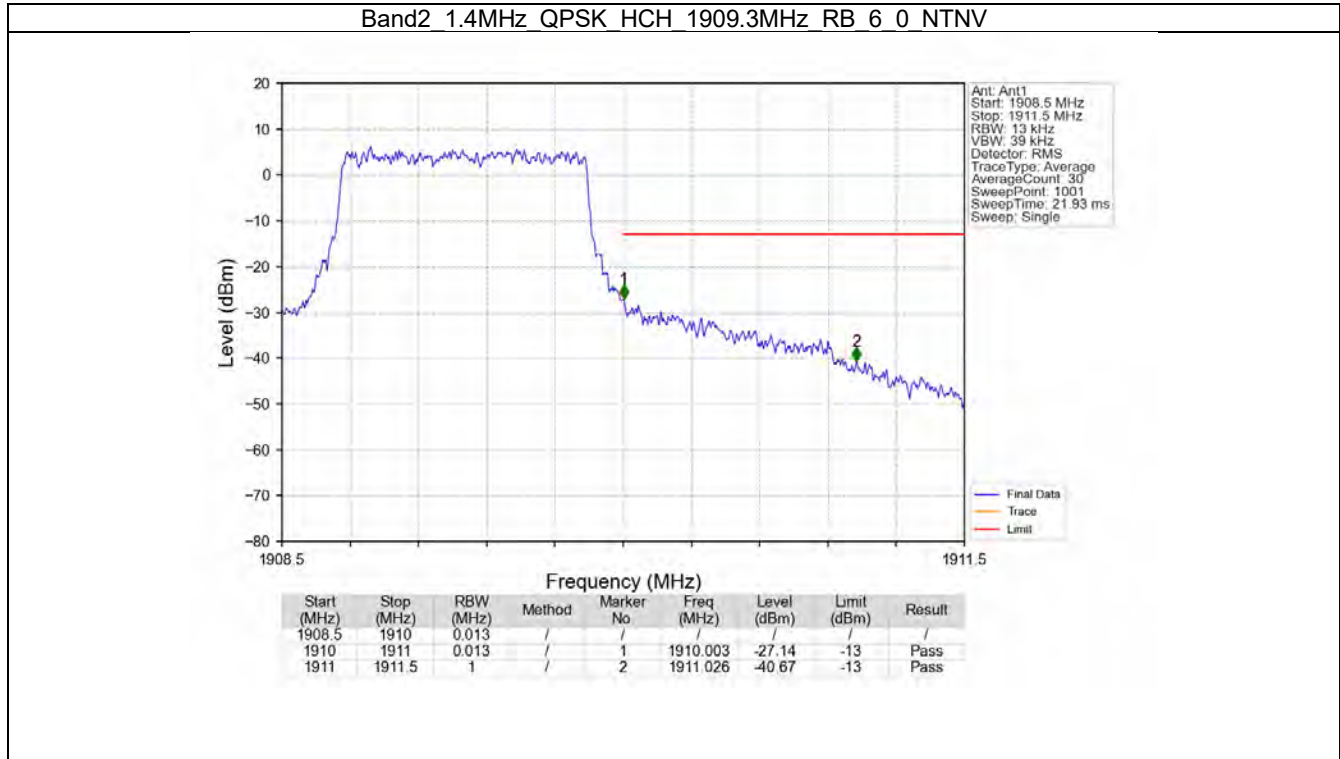
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 240 of 303

5.2 B2_3MHz

5.5.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

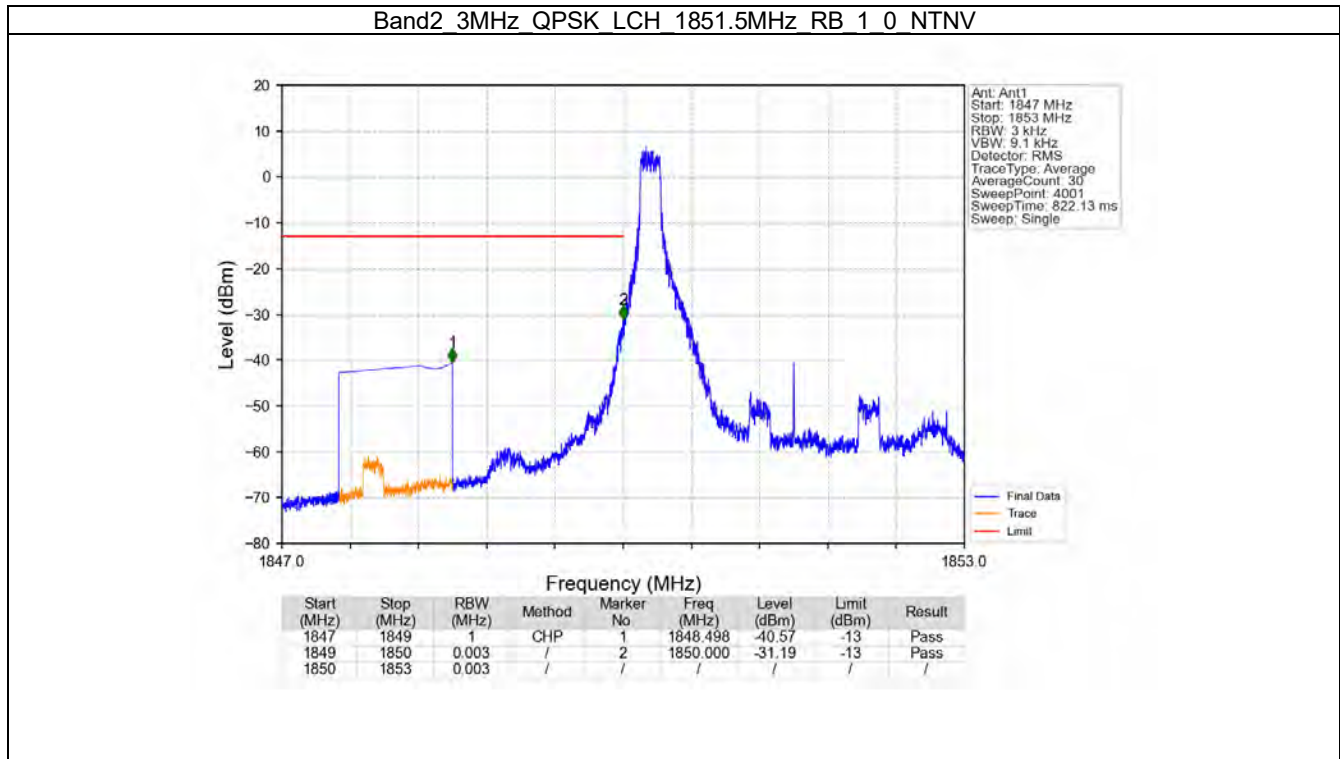


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5.5.2 Test Graph



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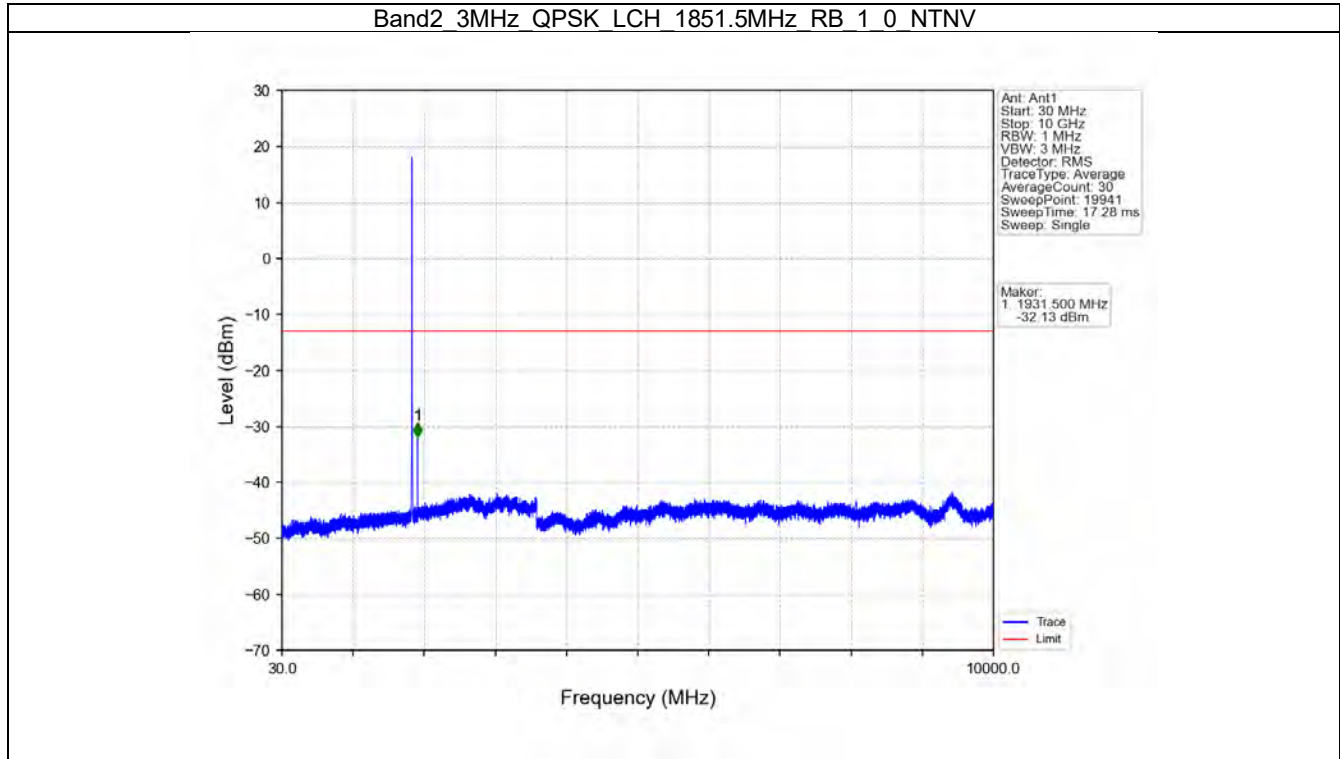
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 242 of 303



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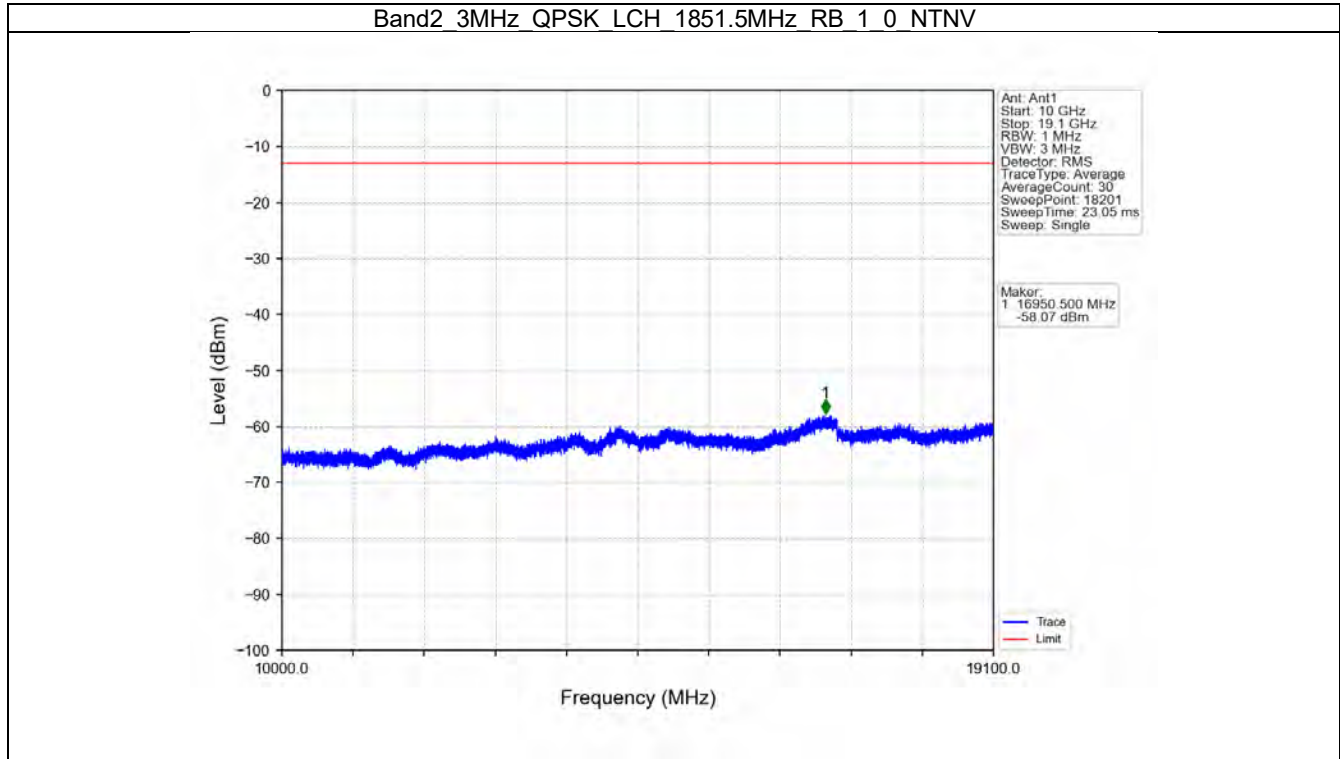
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Rev.: 01

Page: 243 of 303



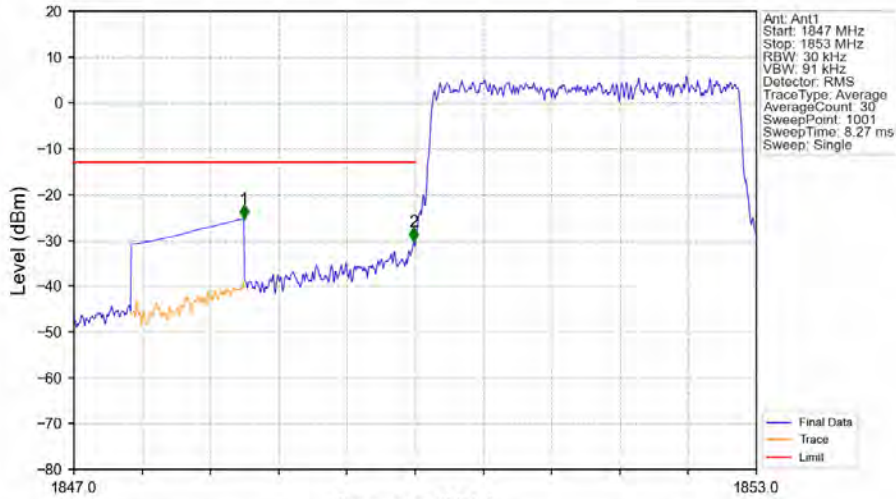
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Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-25.34	-13	Pass
1849	1850	0.03	/	2	1849.988	-30.29	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



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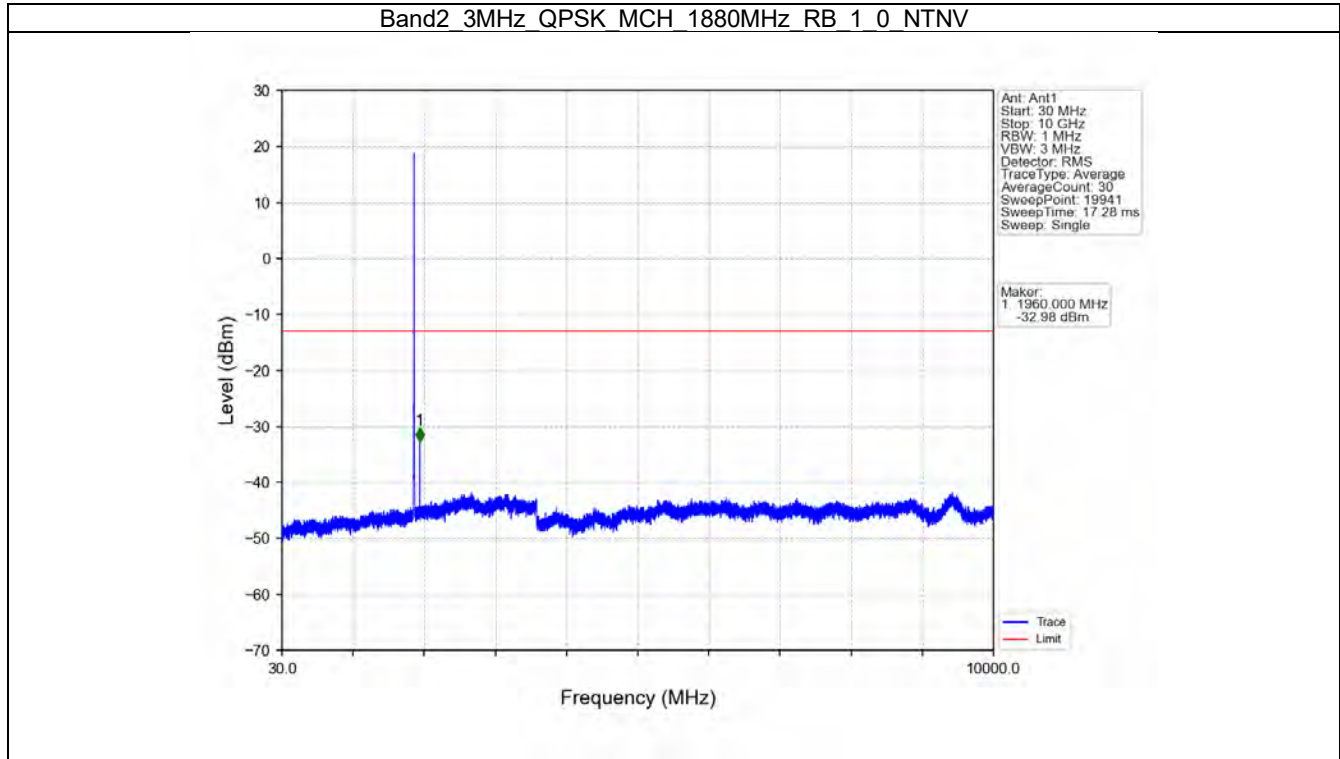
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 245 of 303



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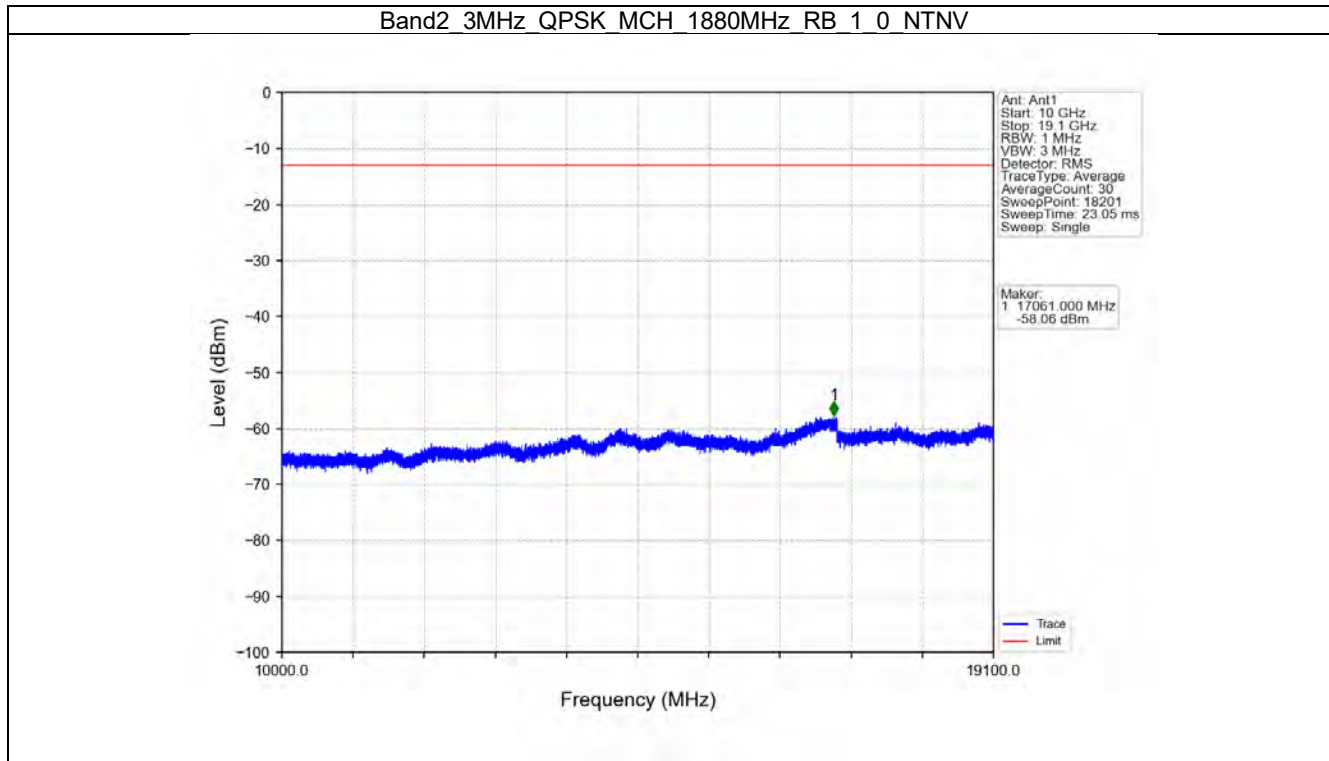
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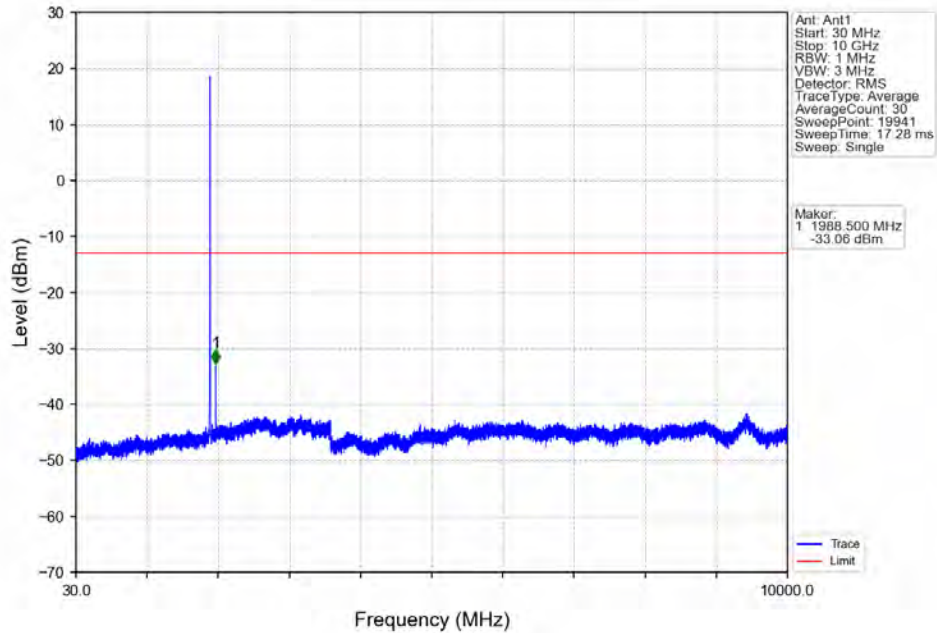


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Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



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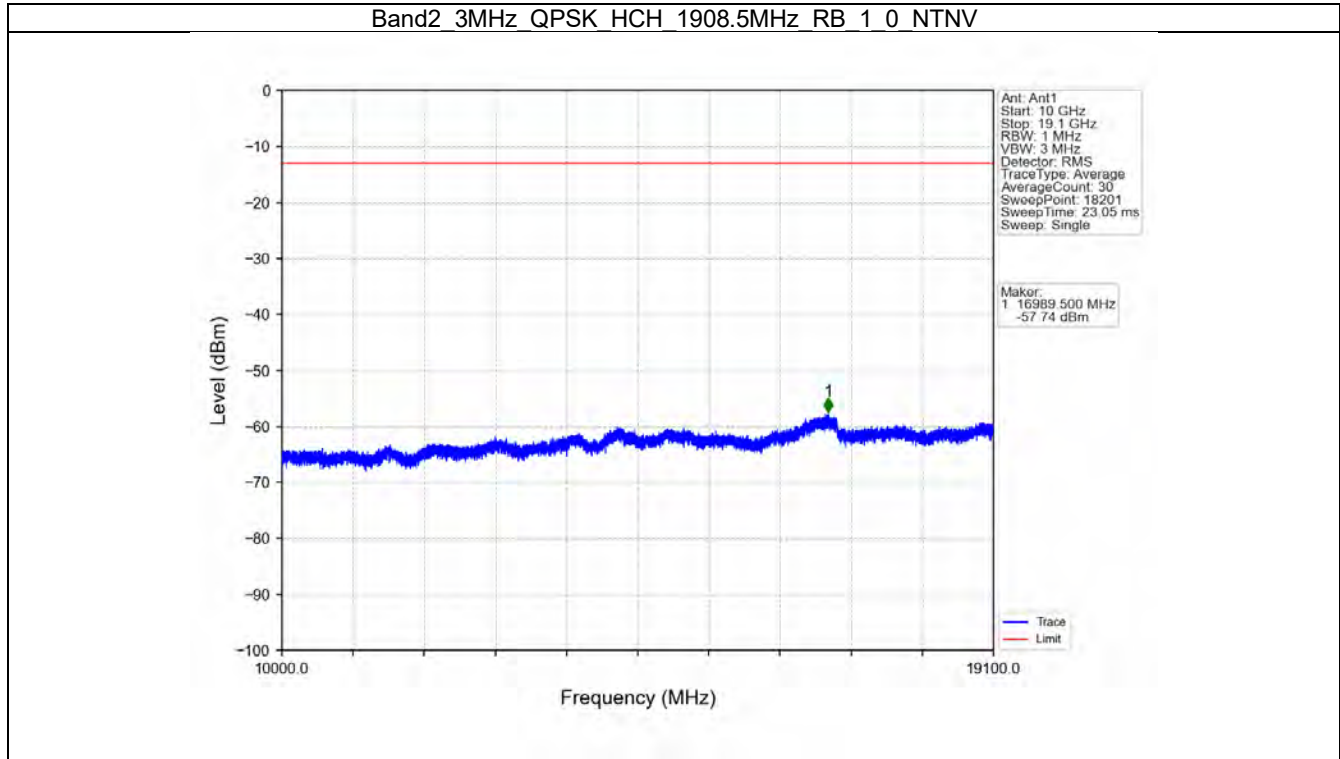
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Rev.: 01

Page: 248 of 303



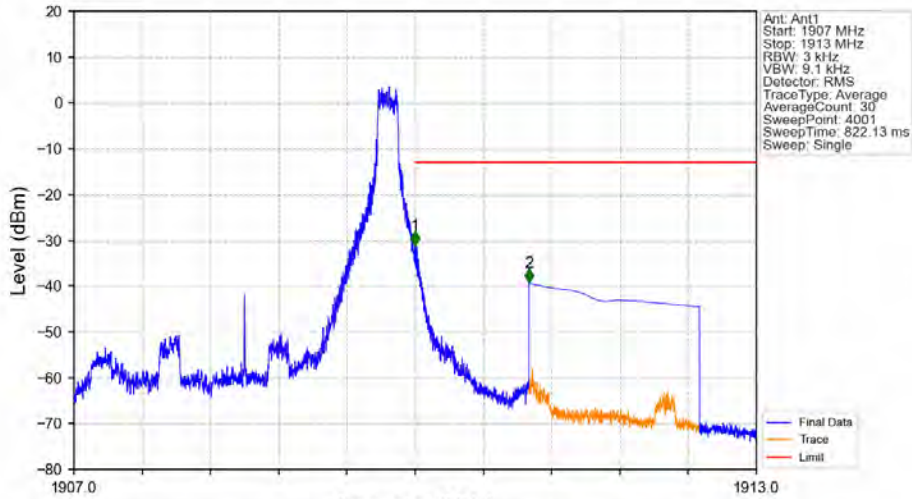
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Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	1	1910.000	-31.15	-13	Pass
1910	1911	0.003	/	1	1910.000	-31.15	-13	Pass
1911	1913	1	CHP	2	1911.001	-39.34	-13	Pass



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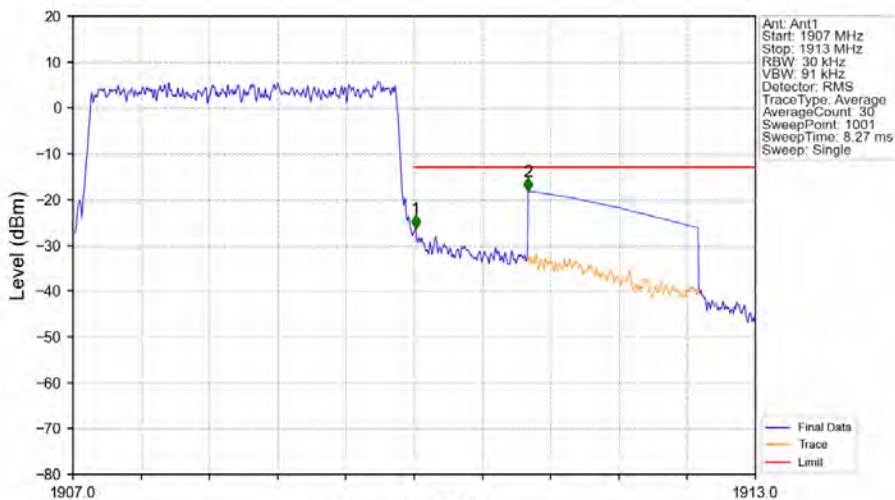
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Rev.: 01

Page: 250 of 303

Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.012	-26.41	-13	Pass
1911	1913	1	CHP	2	1911.002	-18.26	-13	Pass



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Rev.: 01

Page: 251 of 303

5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



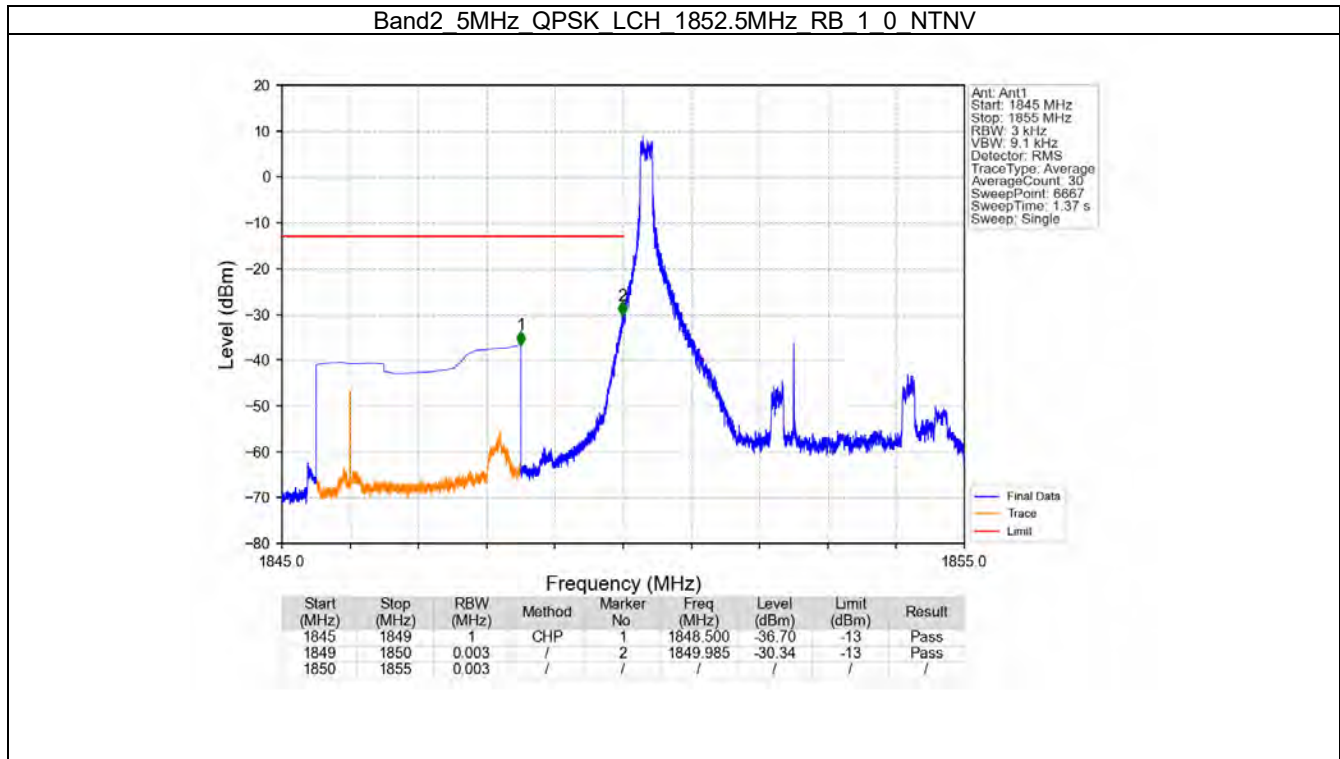
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5.3.2 Test Graph



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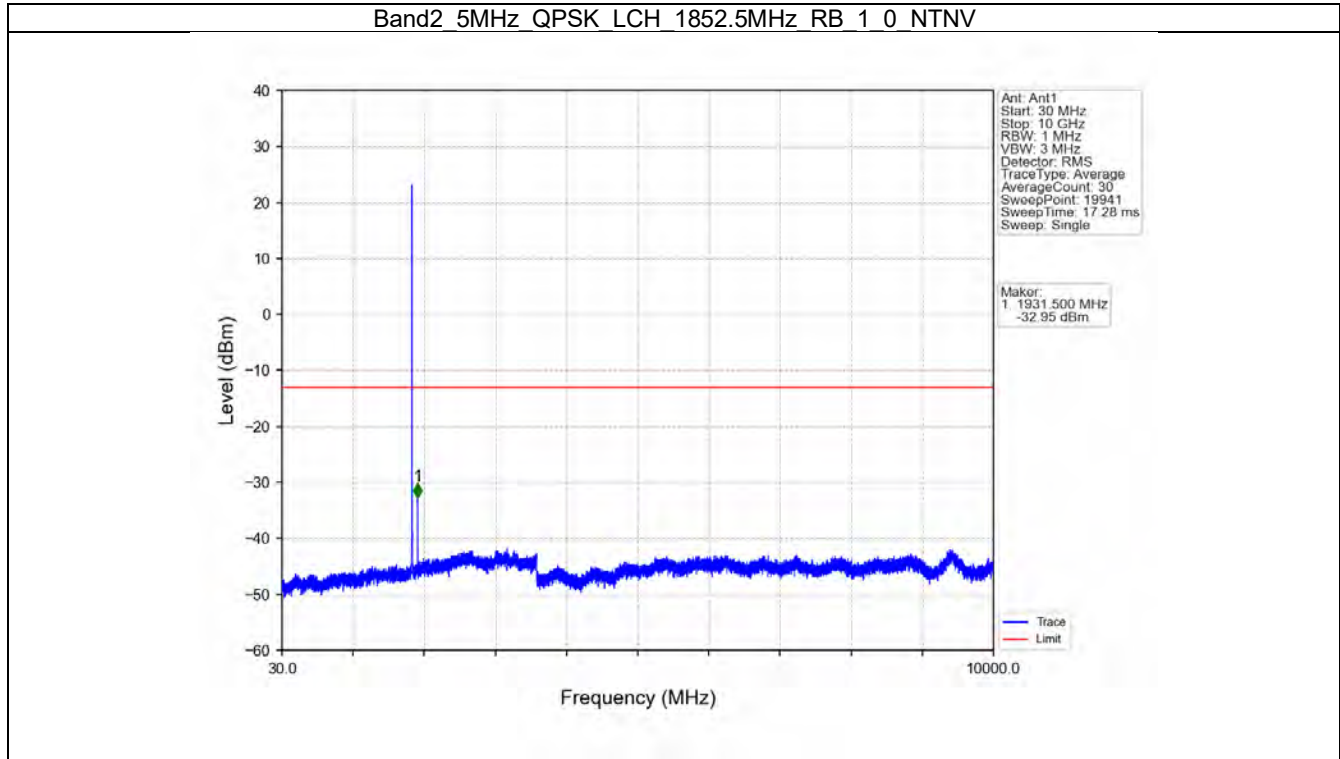
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 253 of 303



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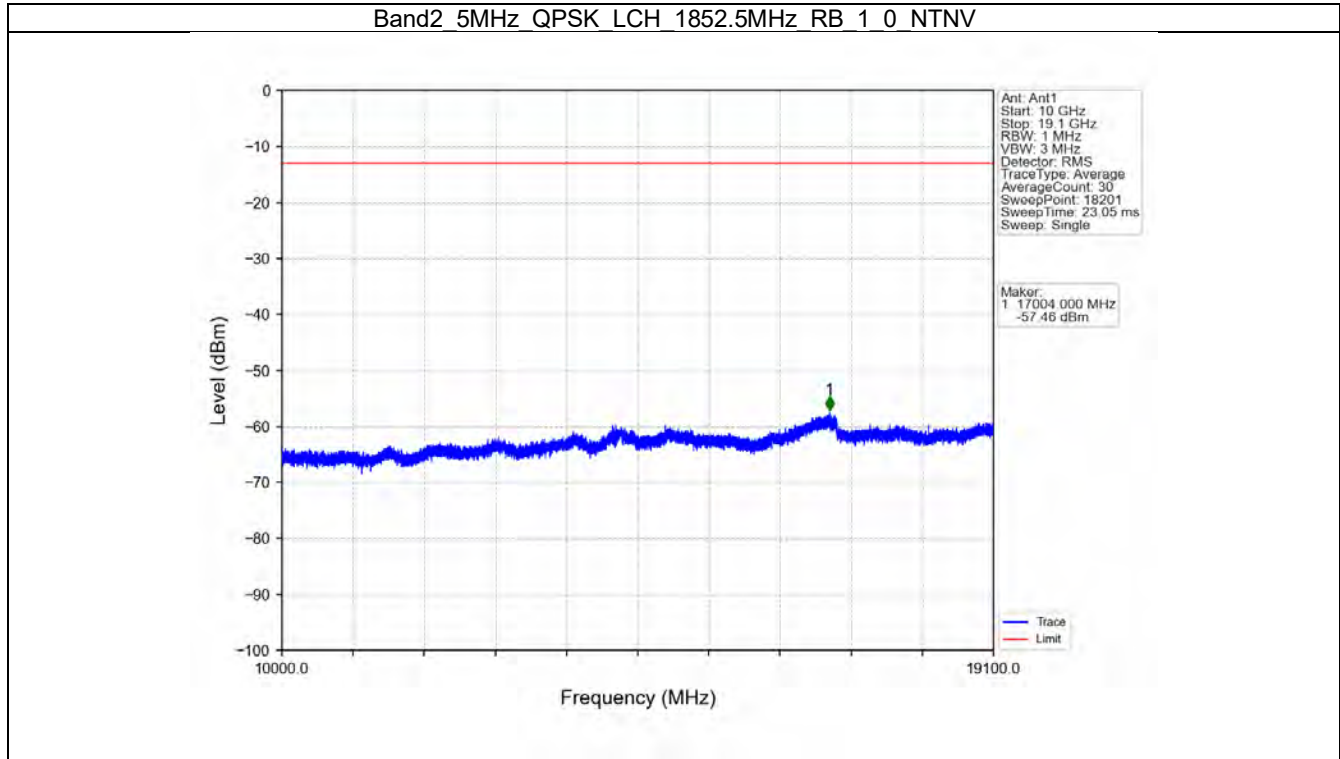
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Rev.: 01

Page: 254 of 303



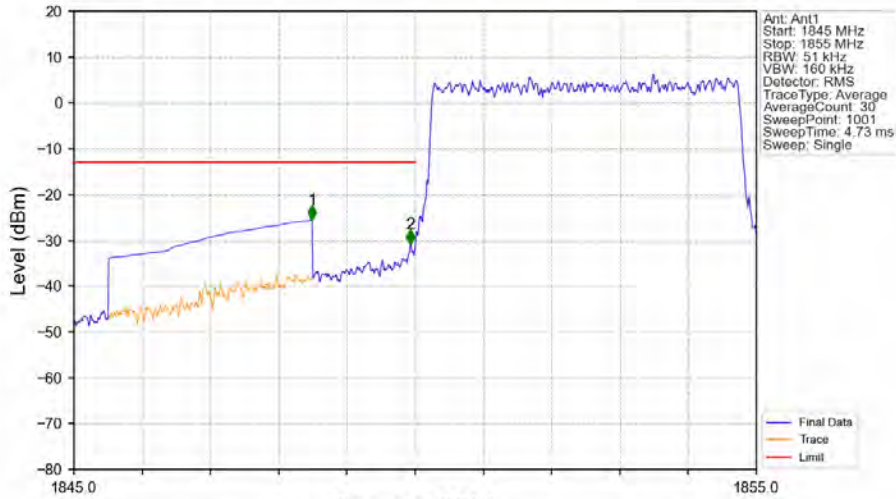
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Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-25.57	-13	Pass
1849	1850	0.051	/	2	1849.930	-30.76	-13	Pass
1850	1855	0.051	/	/	/	/	/	/



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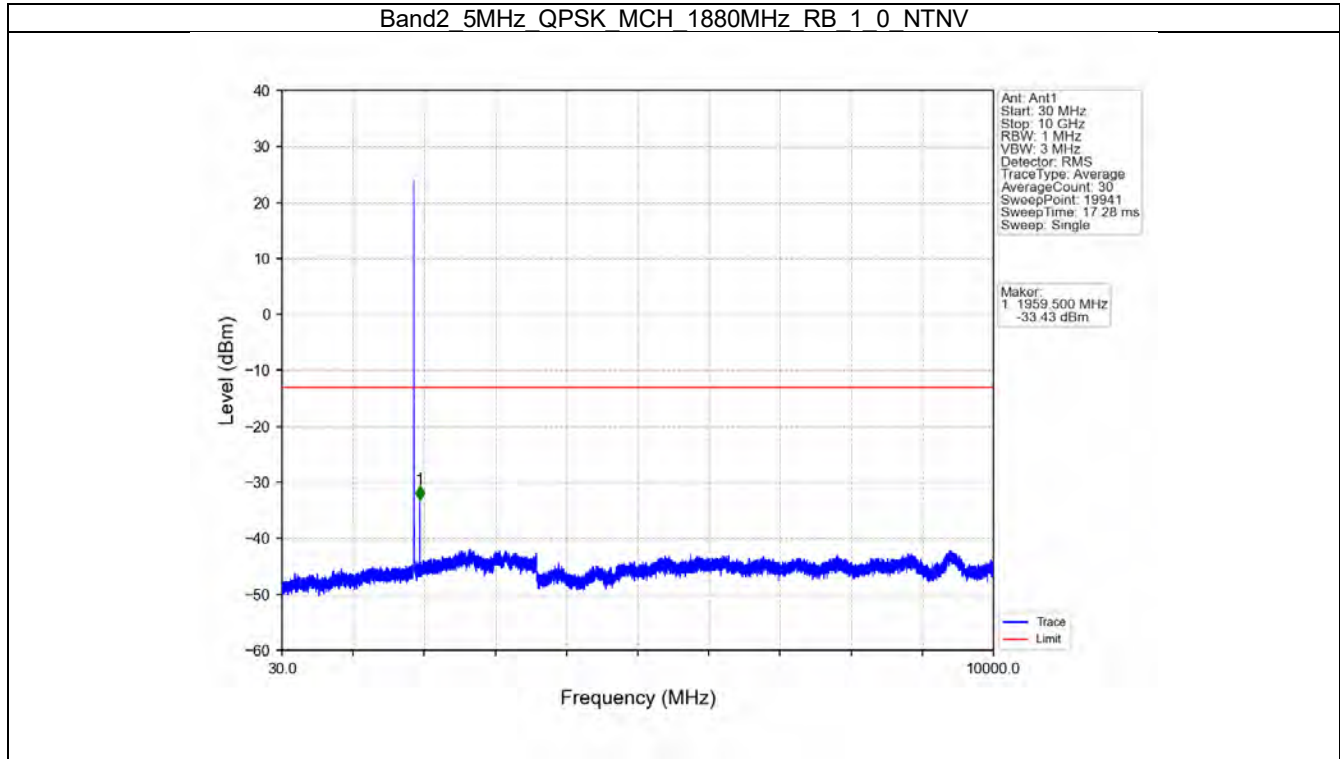
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 256 of 303



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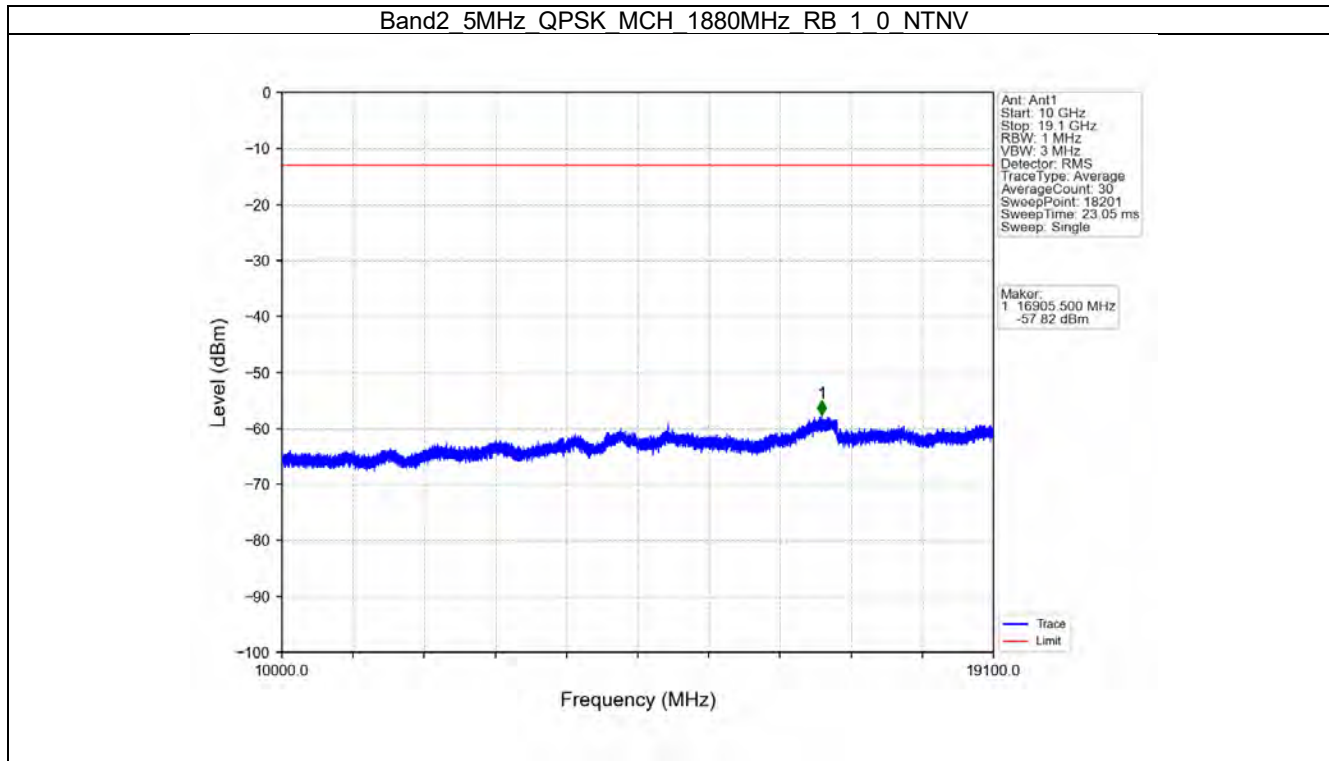
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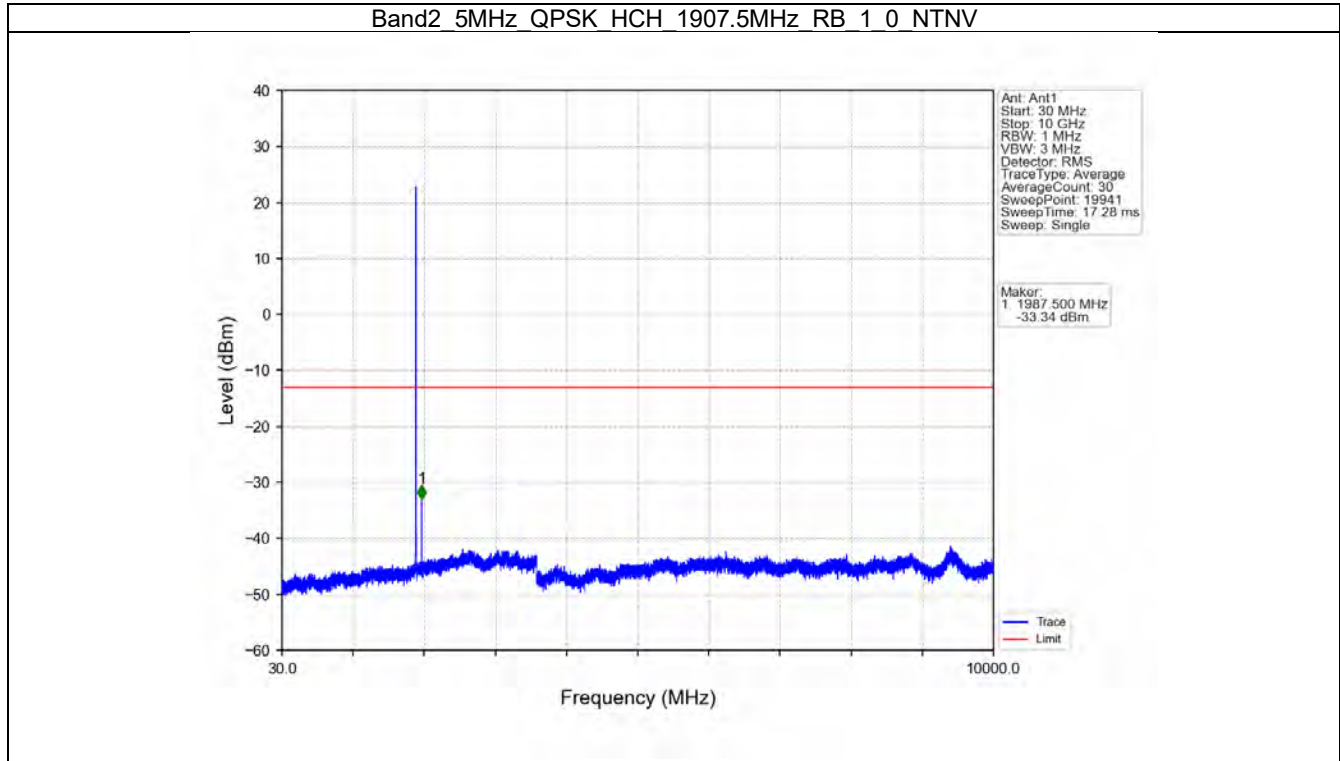
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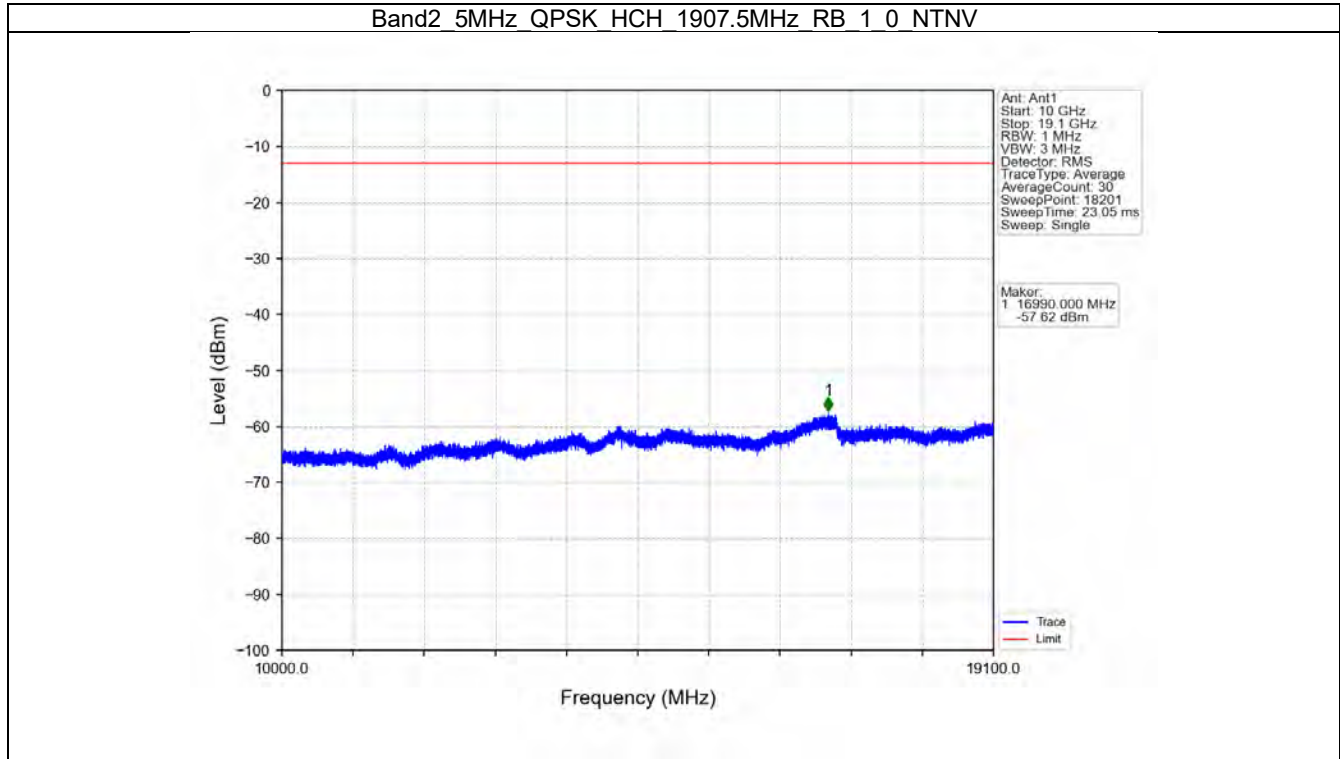
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Rev.: 01

Page: 259 of 303



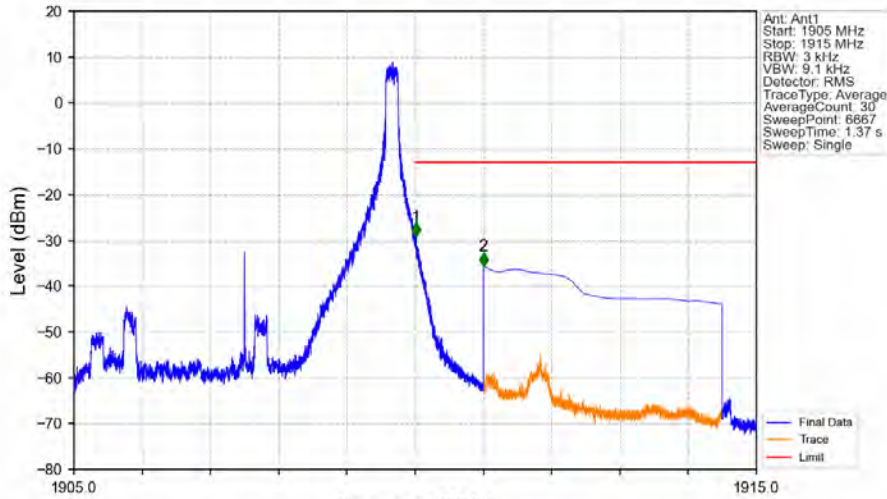
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Band2 5MHz QPSK HCH 1907.5MHz RB 1 24 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	1	1910.011	-29.17	-13	Pass
1910	1911	0.003	/	1	1910.011	-29.17	-13	Pass
1911	1915	1	CHP	2	1911.001	-35.64	-13	Pass



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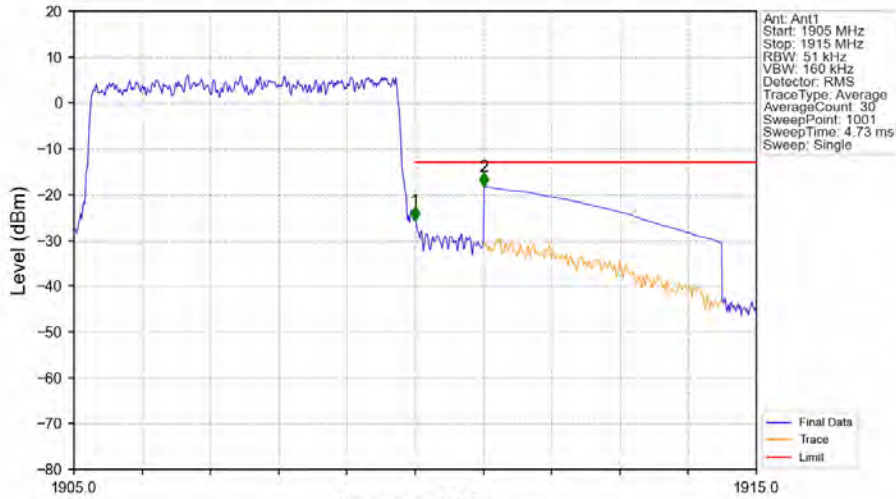
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Rev.: 01

Page: 261 of 303

Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.051	/	/	/	/	/	/
1910	1911	0.051	/	1	1910.000	-25.66	-13	Pass
1911	1915	1	CHP	2	1911.010	-18.29	-13	Pass



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 262 of 303

5.4 B2_10MHz

5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

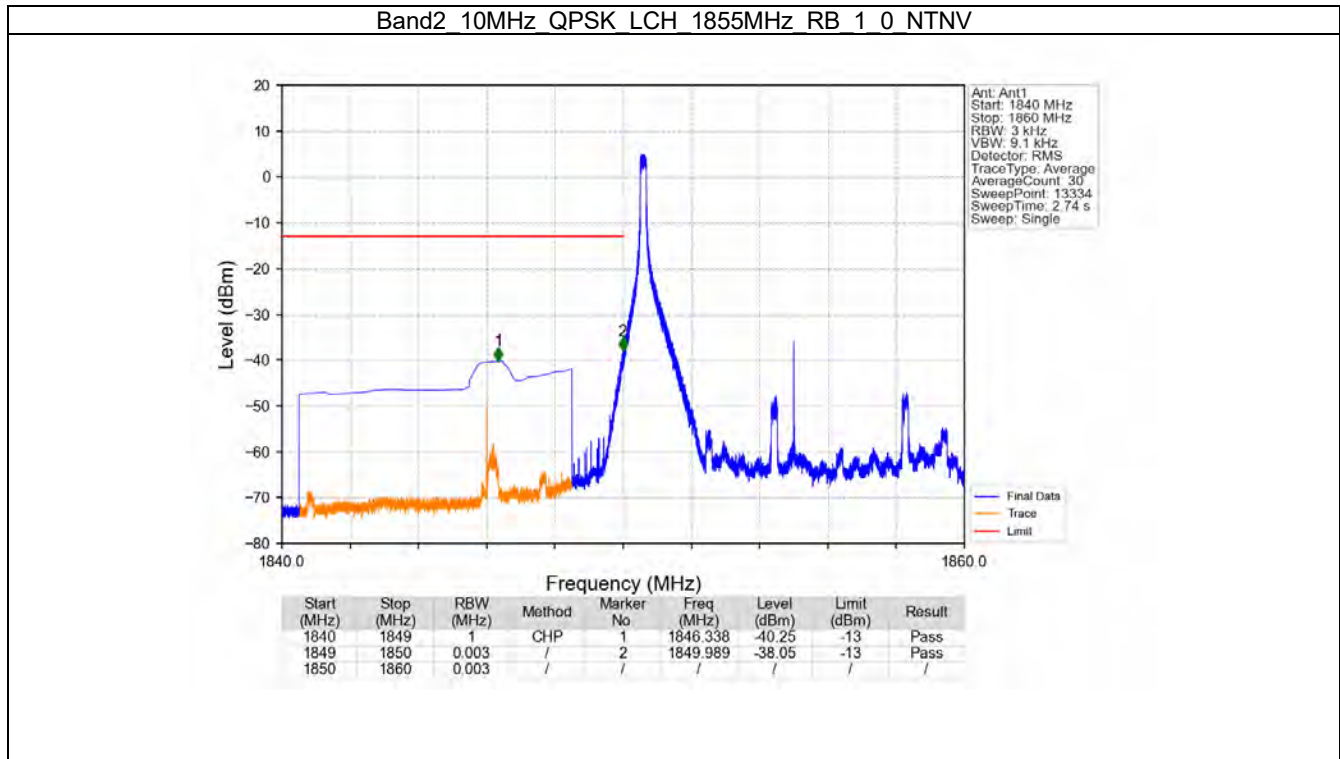


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5.4.2 Test Graph



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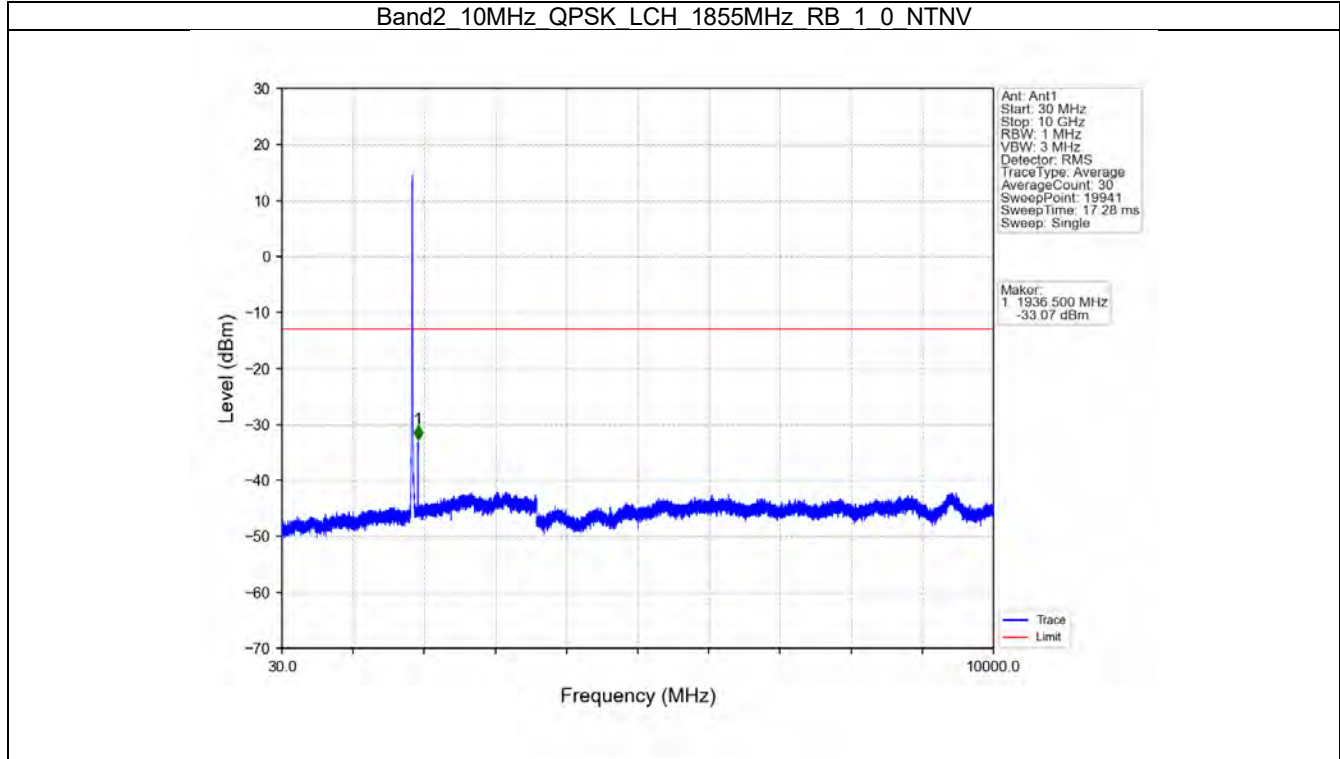
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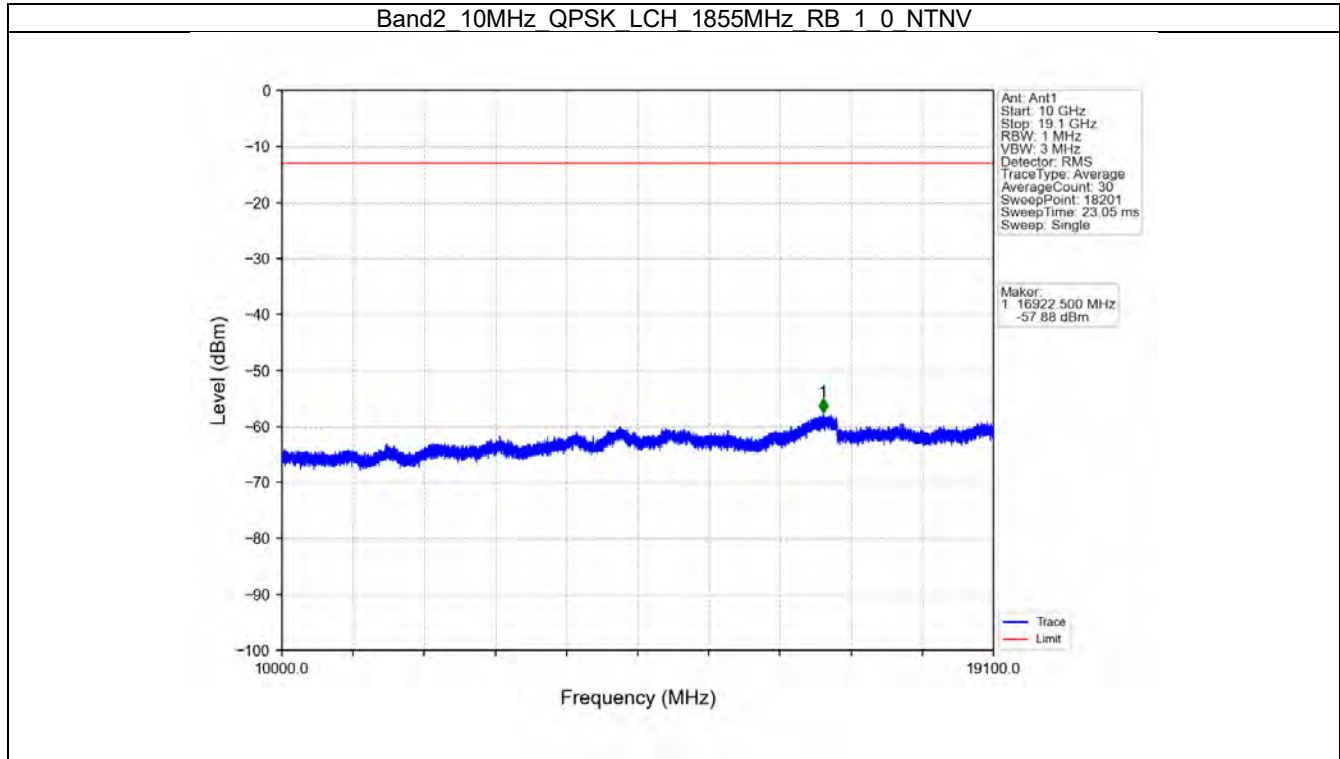
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 265 of 303

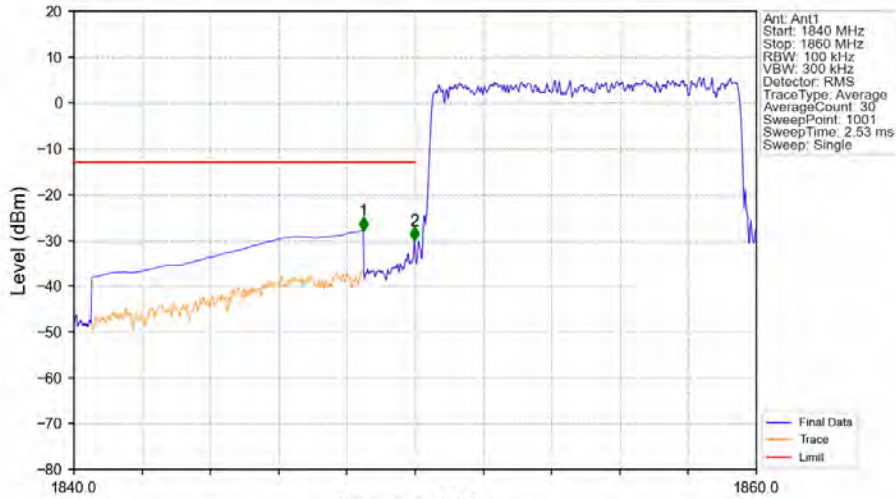


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Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-27.88	-13	Pass
1849	1850	0.1	/	2	1849.980	-30.13	-13	Pass
1850	1860	0.1	/	/	/	/	/	/



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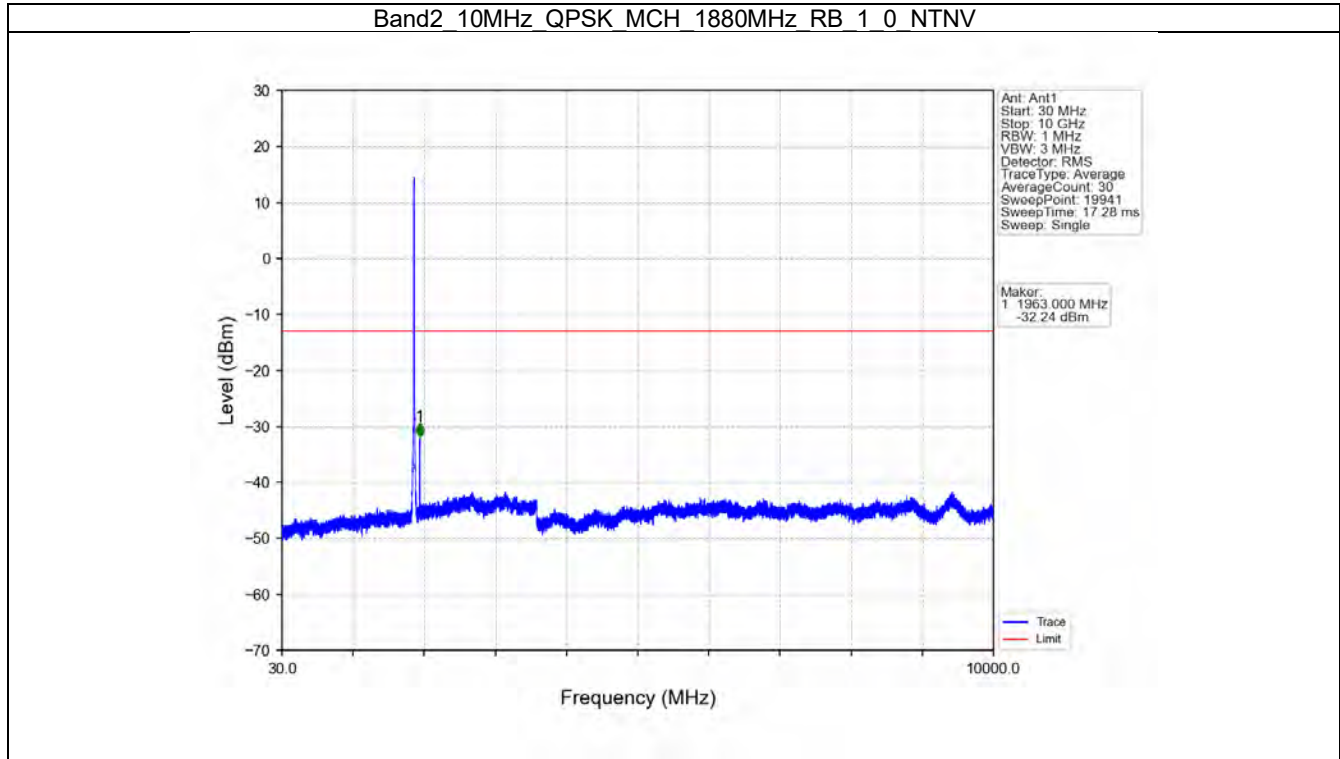
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 267 of 303



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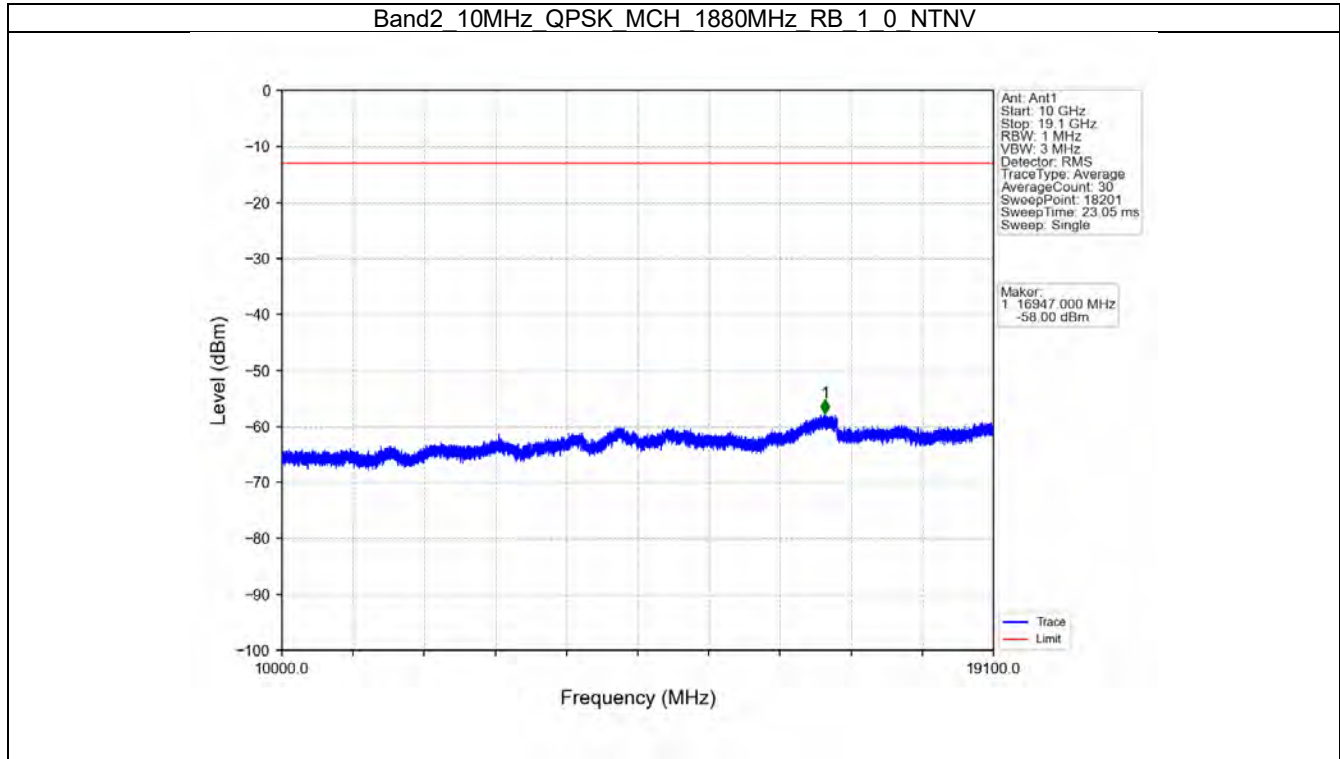
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Rev.: 01

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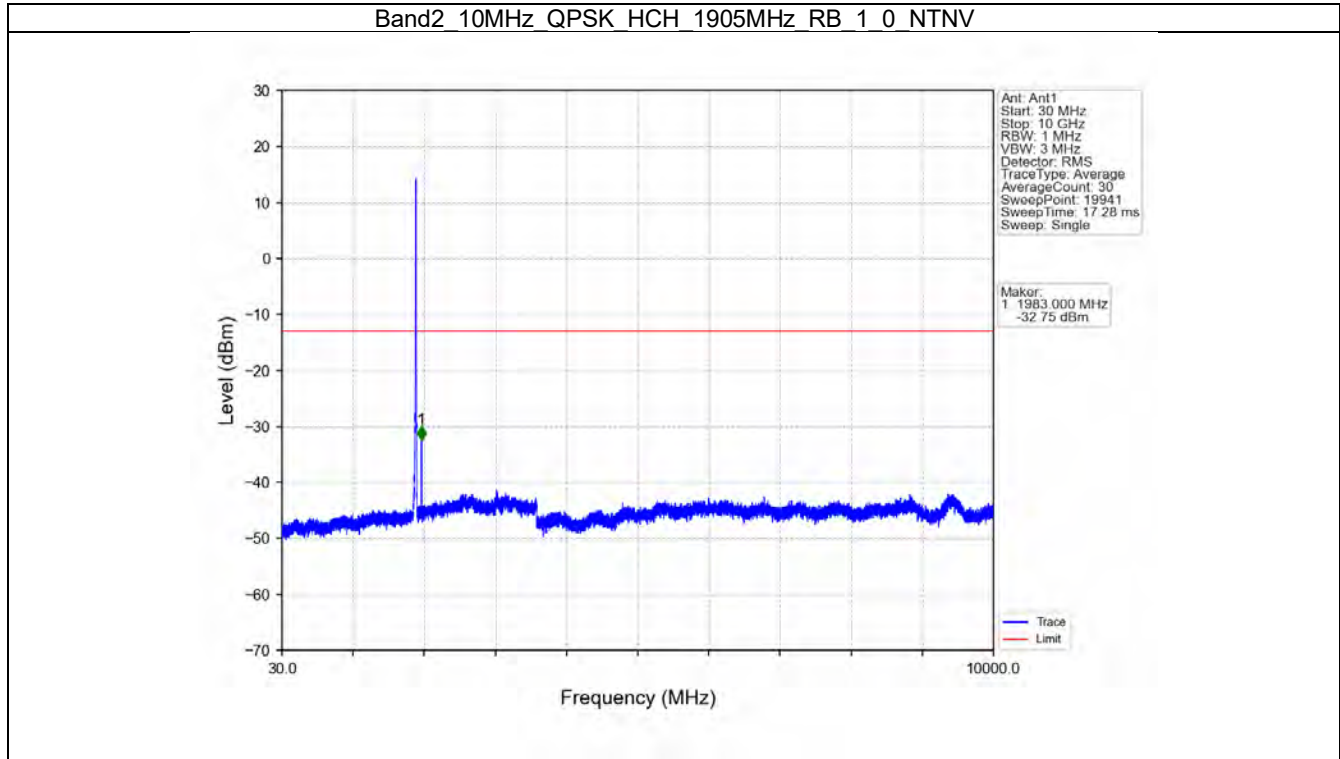
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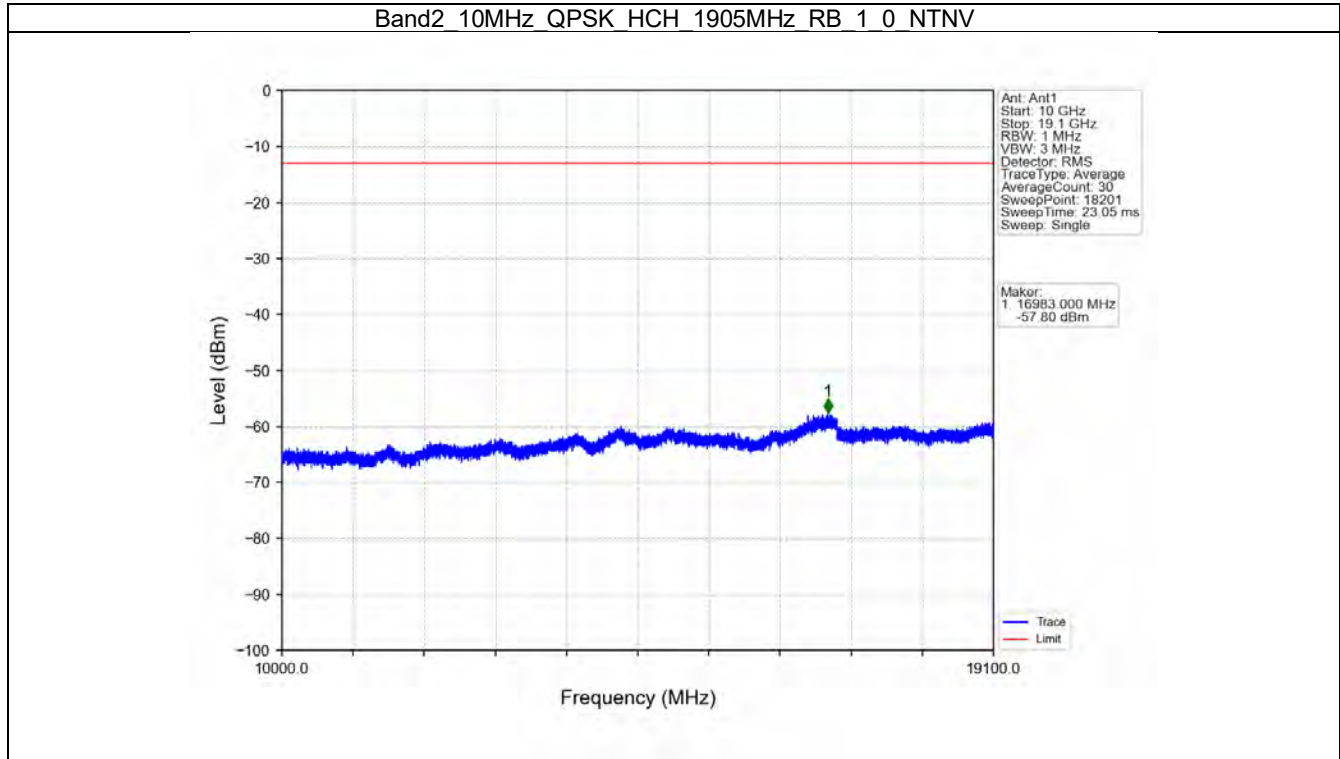
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 270 of 303



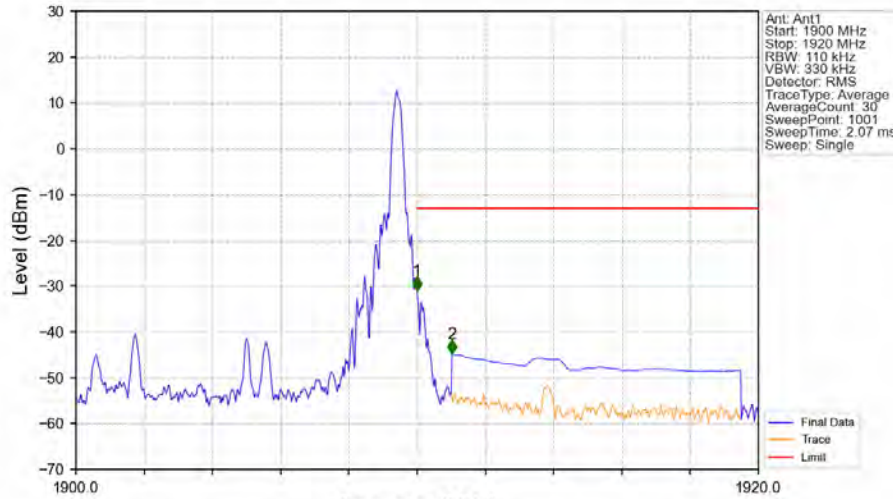
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Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	1	1910.000	-31.06	-13	Pass
1910	1911	0.11	/	2	1911.020	-44.76	-13	Pass

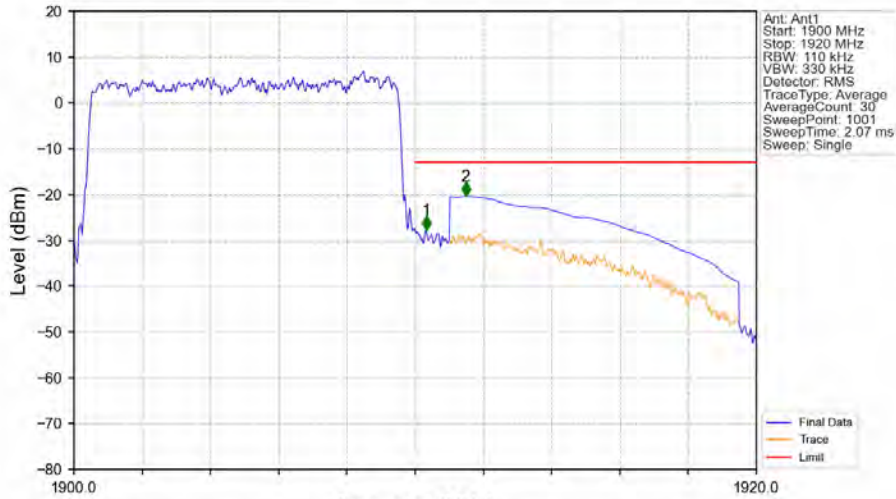


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Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.11	/	/	/	/	/	/
1910	1911	0.11	/	1	1910.320	-27.79	-13	Pass
1911	1920	1	CHP	2	1911.460	-20.38	-13	Pass



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 273 of 303

5.5 B2_15MHz

5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1902.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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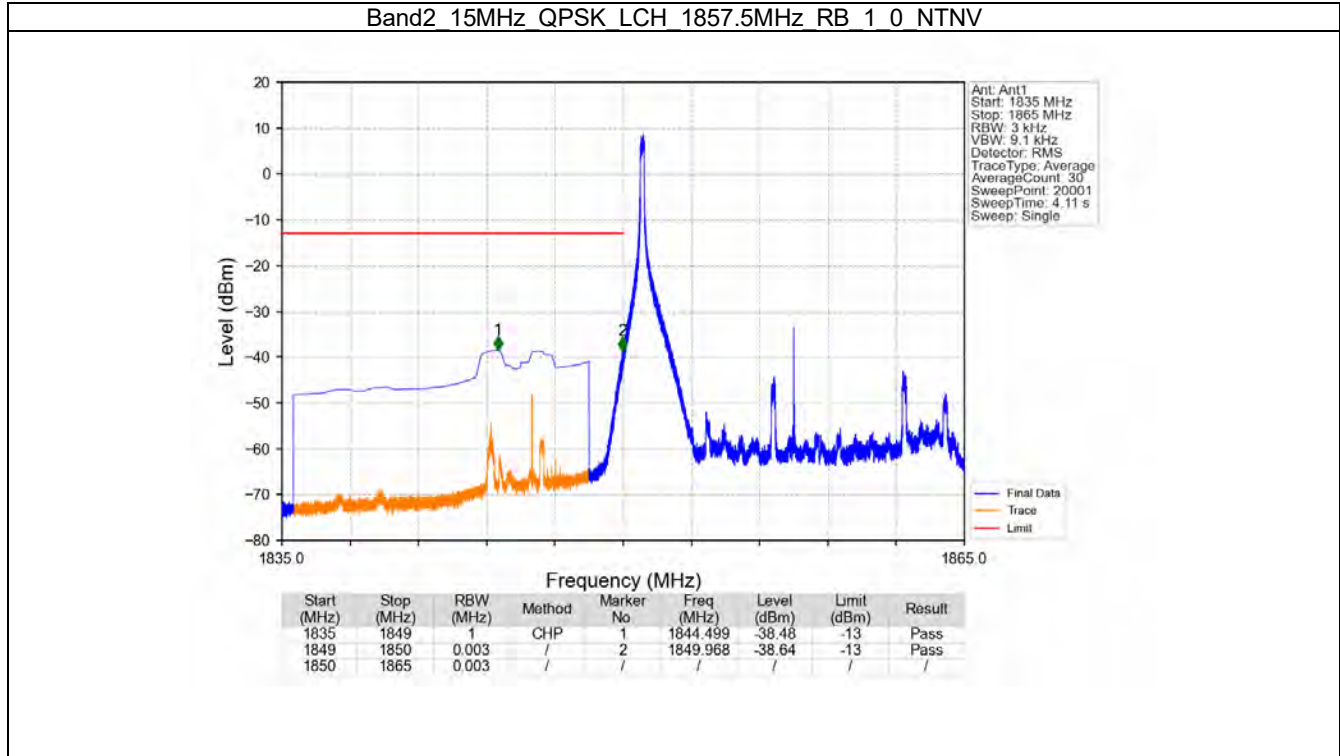
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5.5.2 Test Graph



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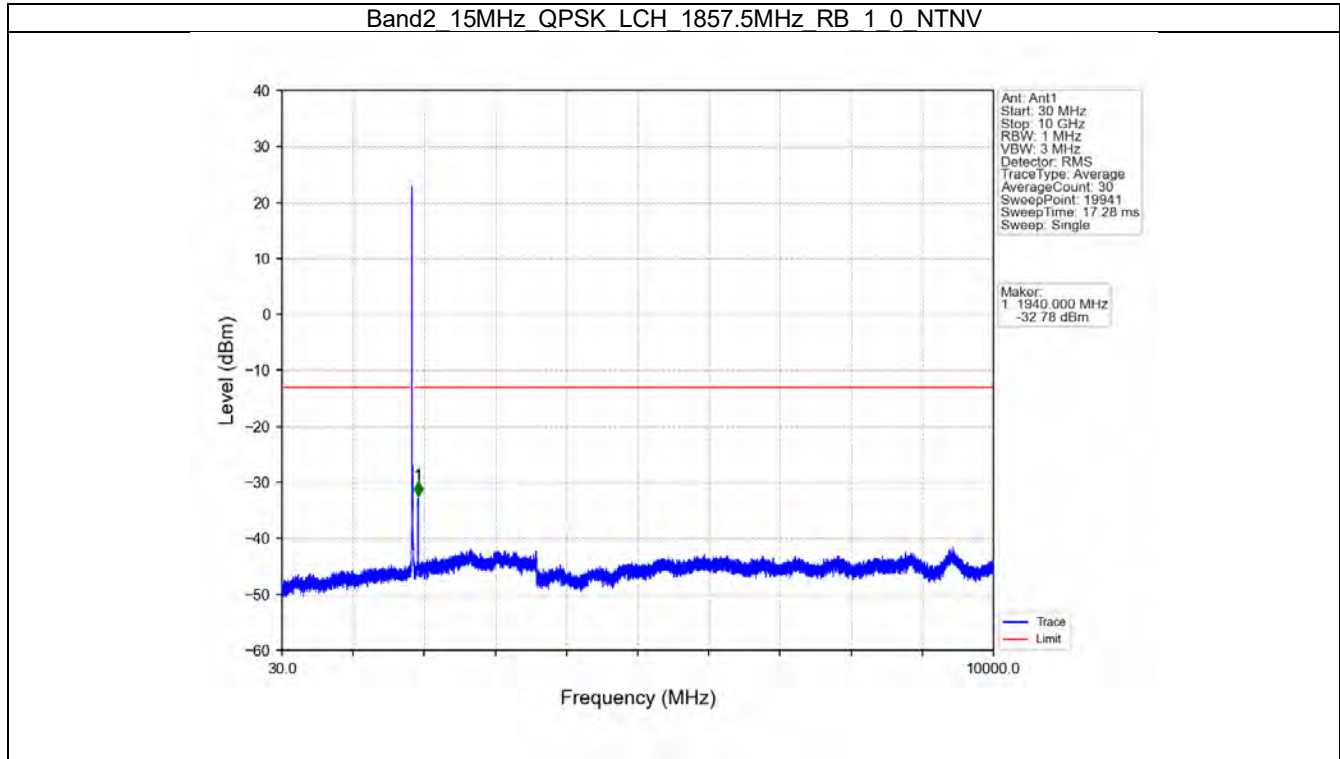
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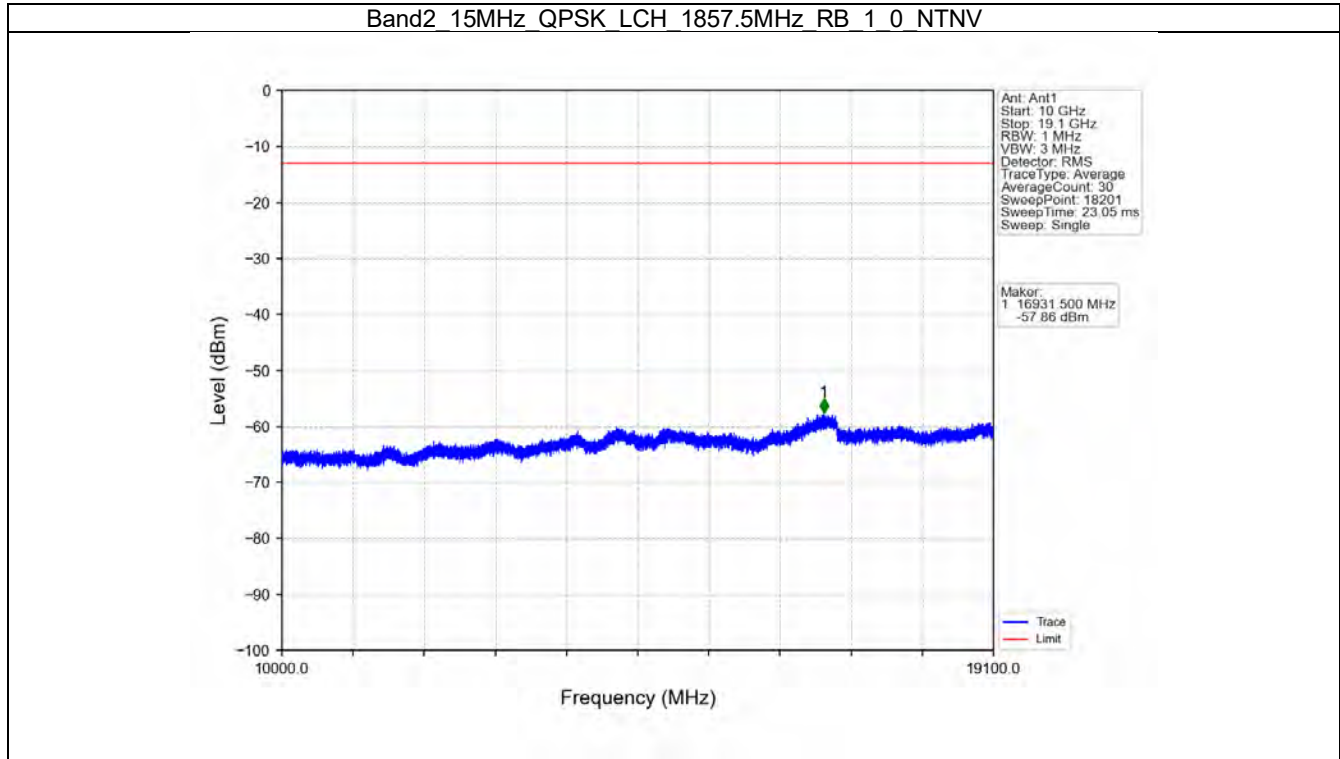
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Rev.: 01

Page: 276 of 303

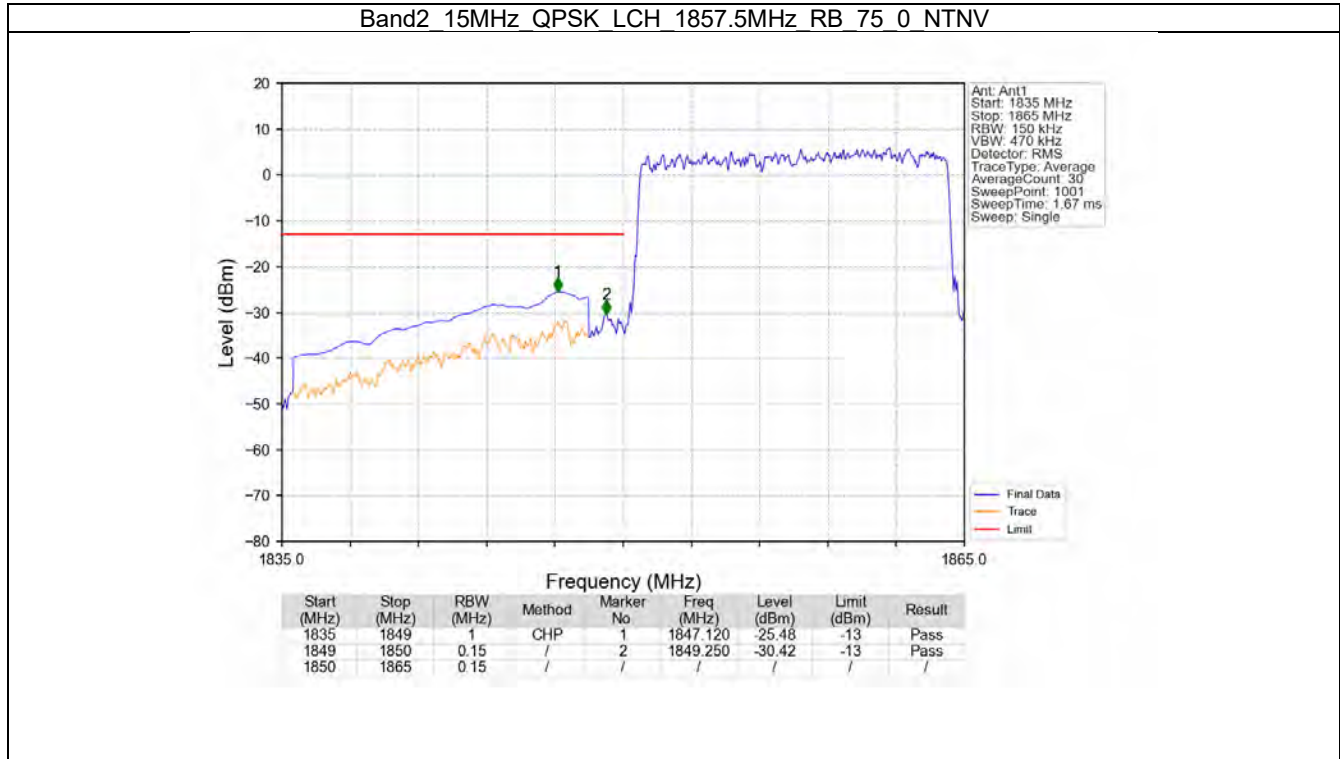


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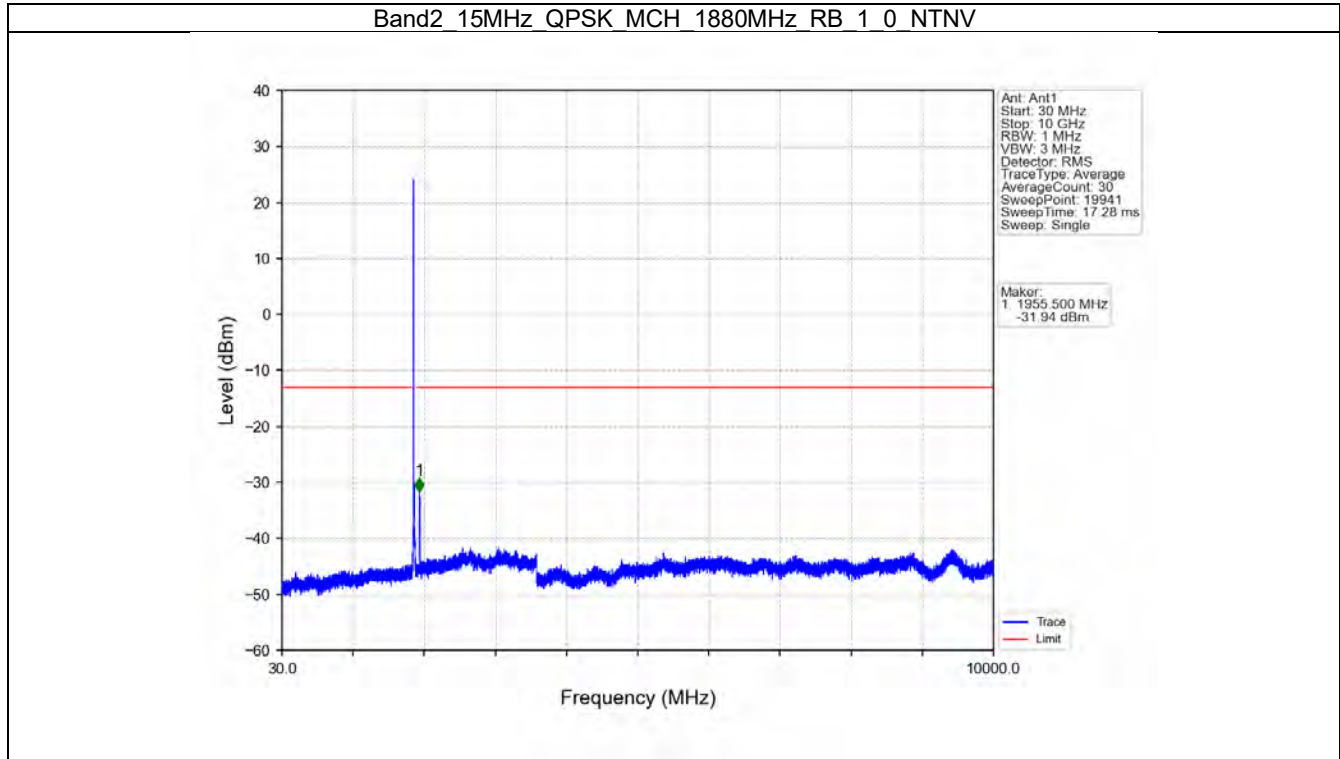
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 278 of 303



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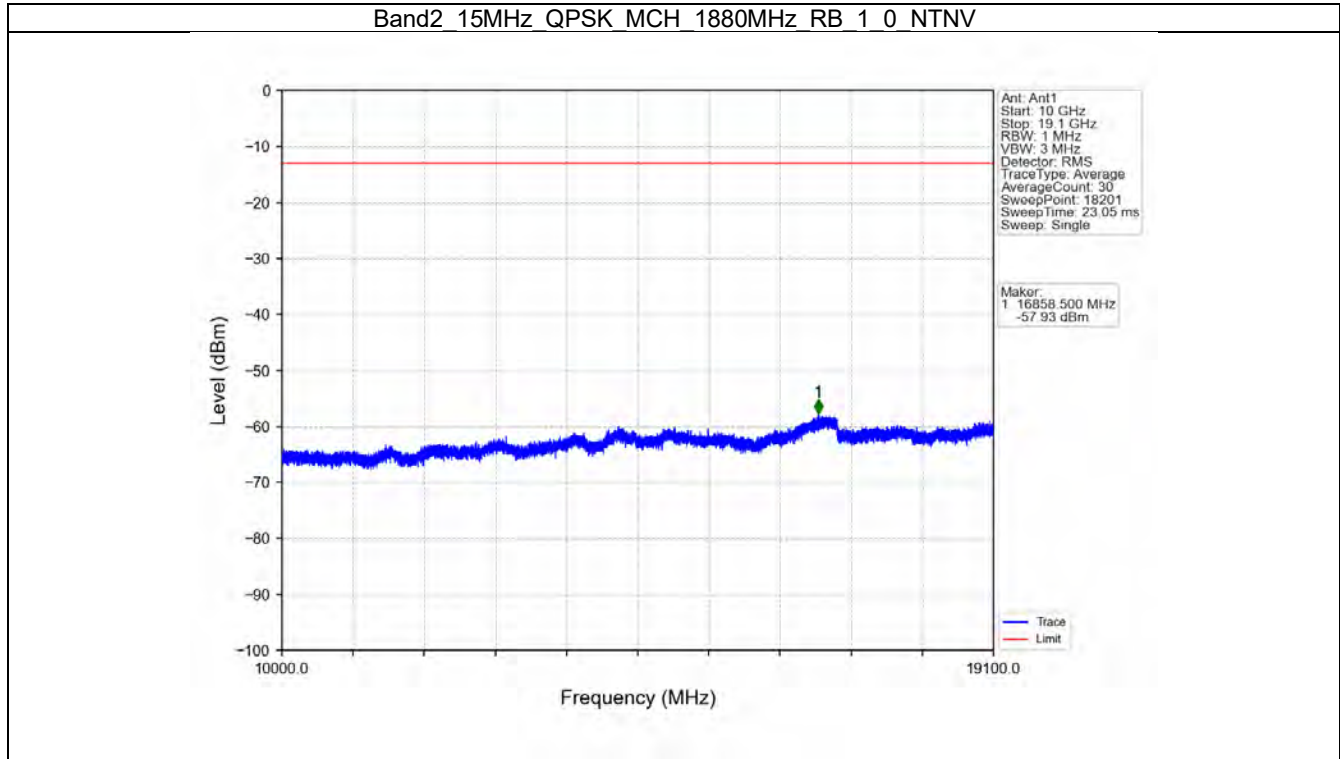
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Rev.: 01

Page: 279 of 303



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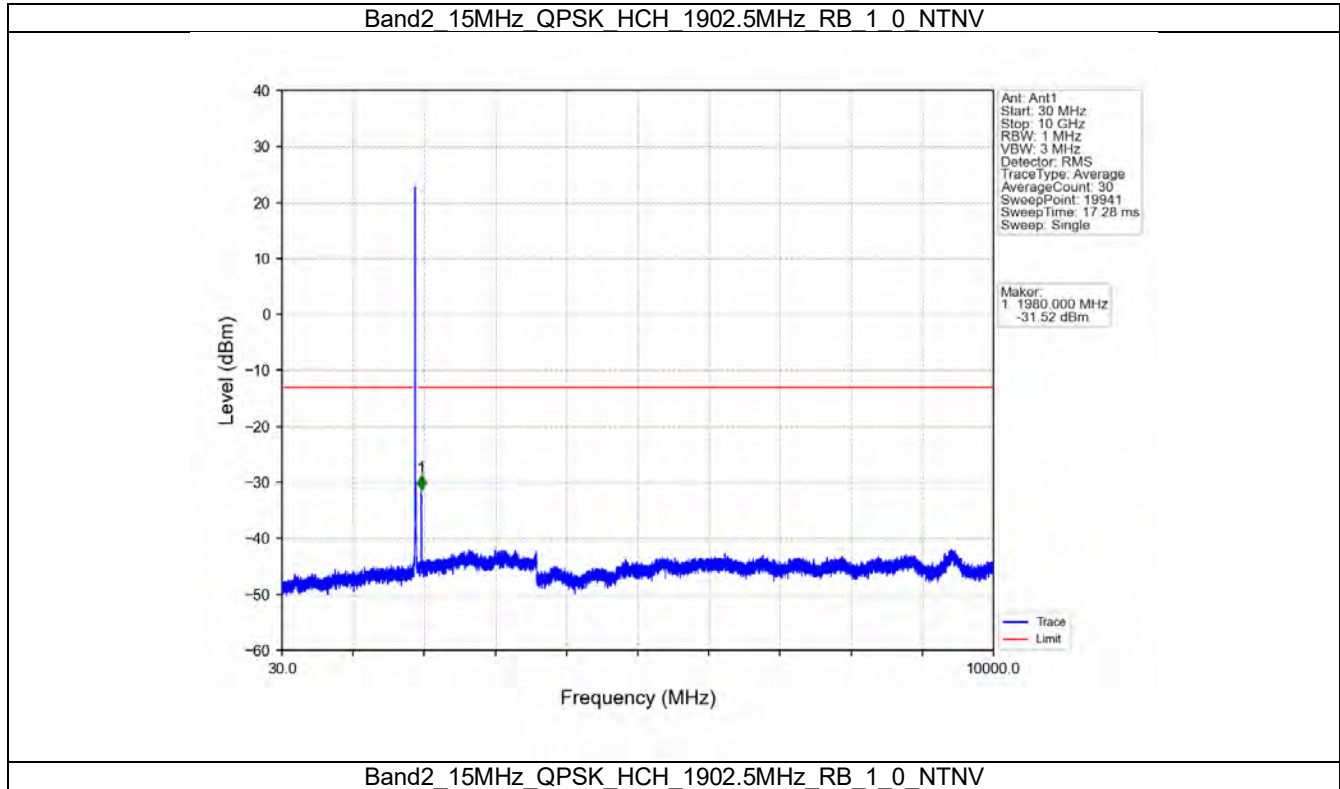
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 280 of 303



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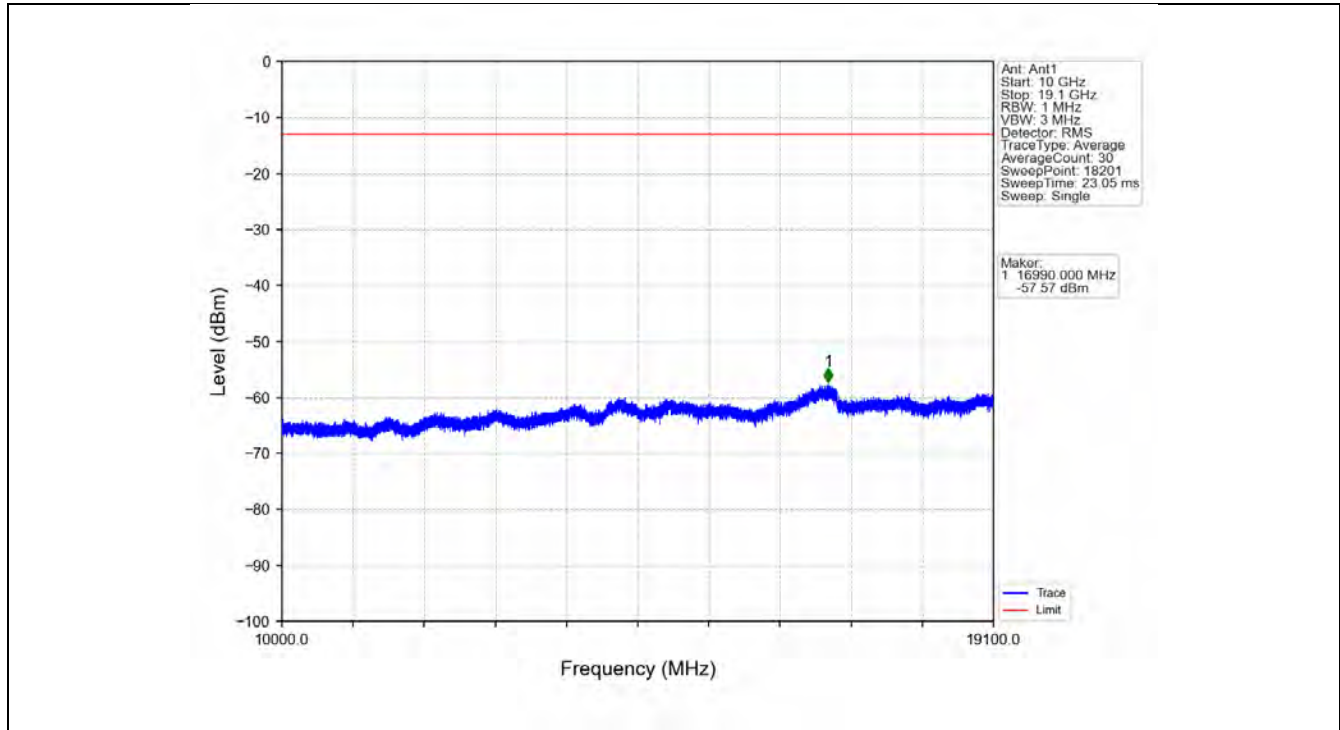
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 281 of 303

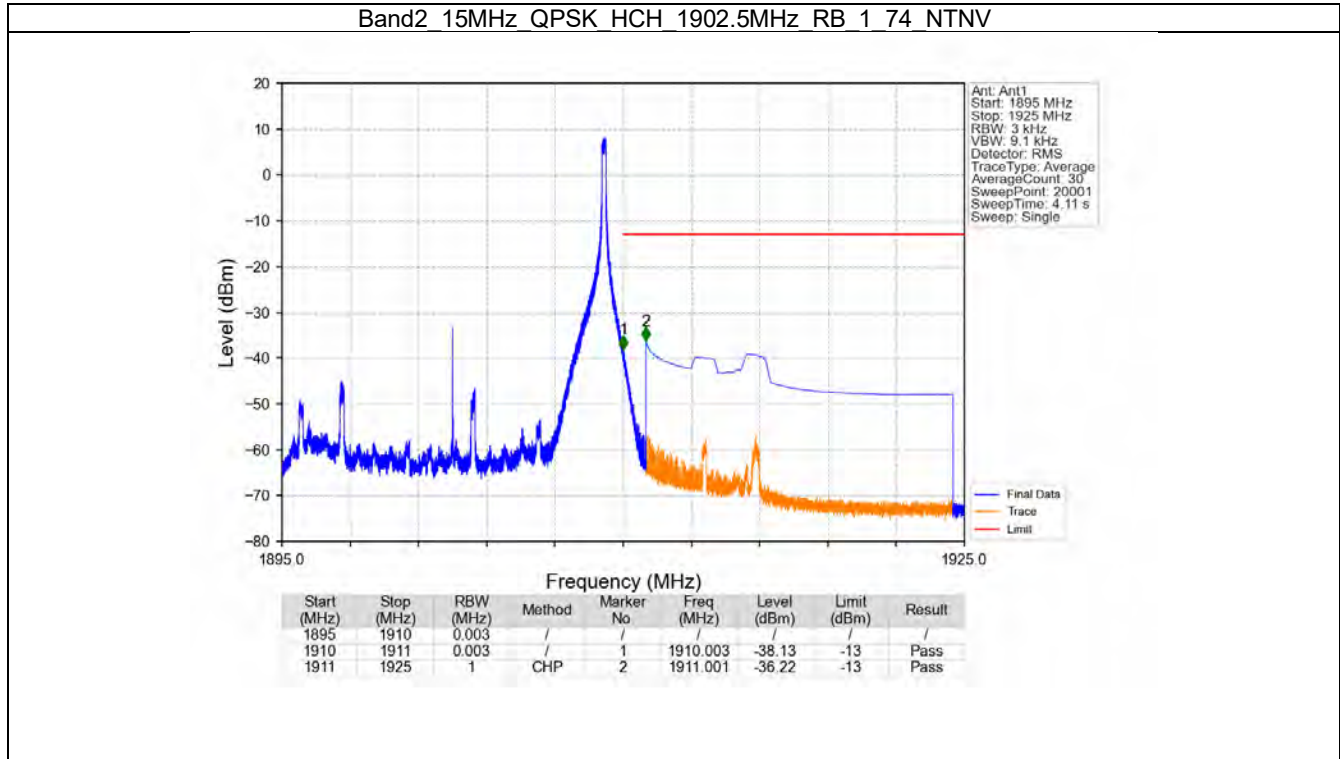


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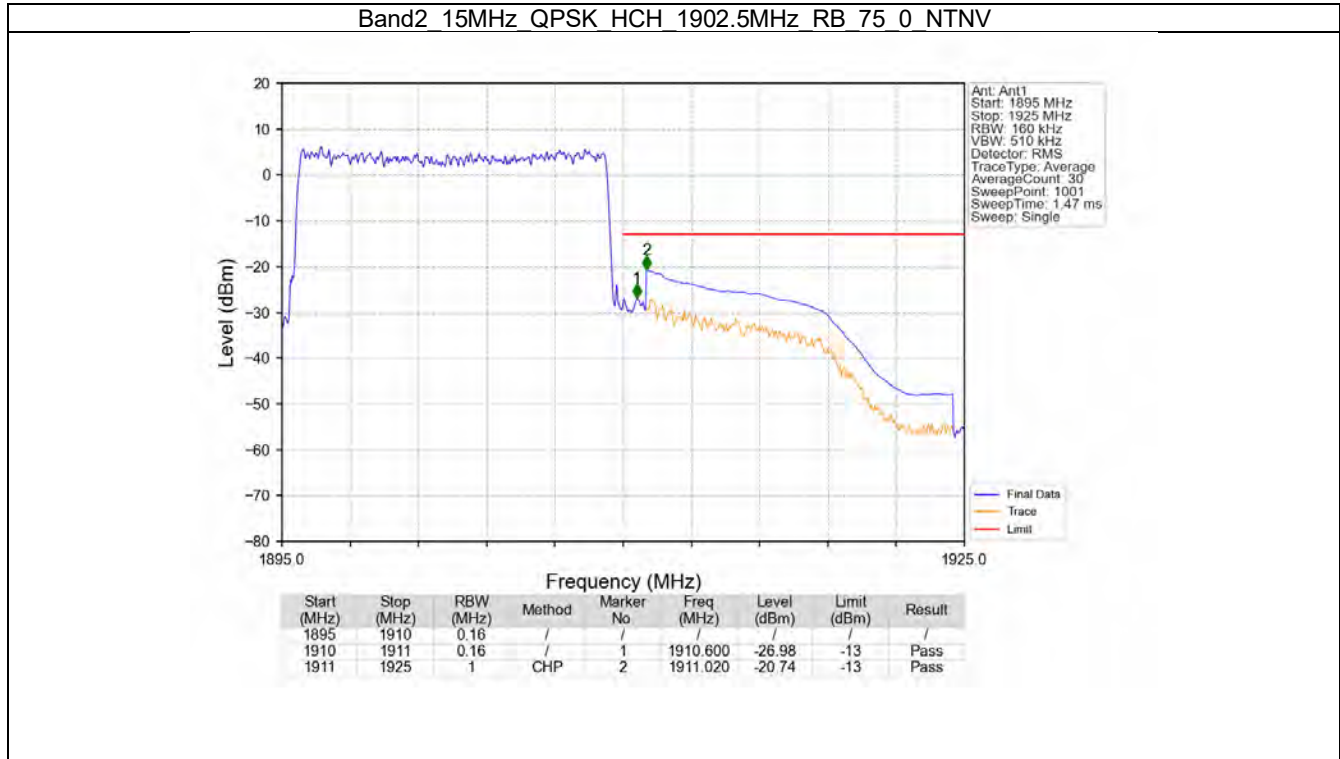
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 284 of 303

5.6 B2_20MHz

5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1900	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



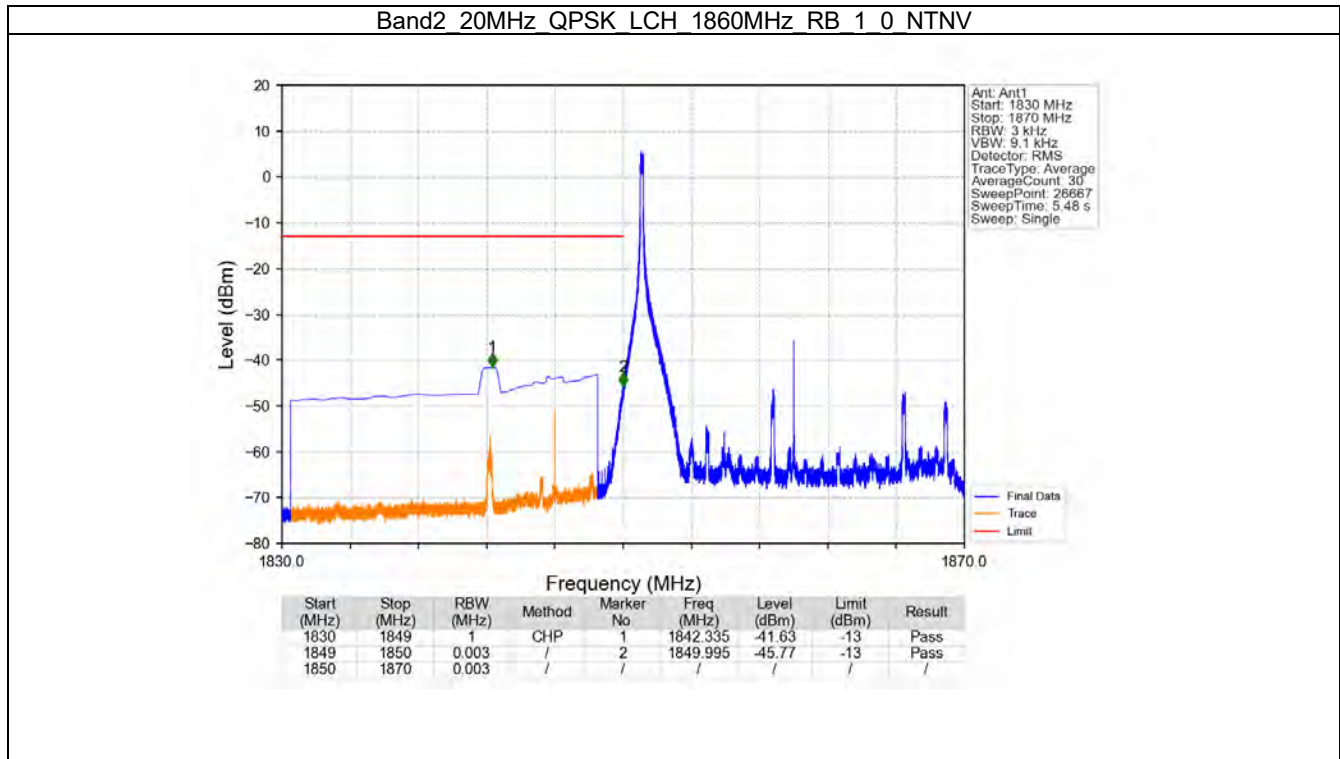
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5.6.2 Test Graph



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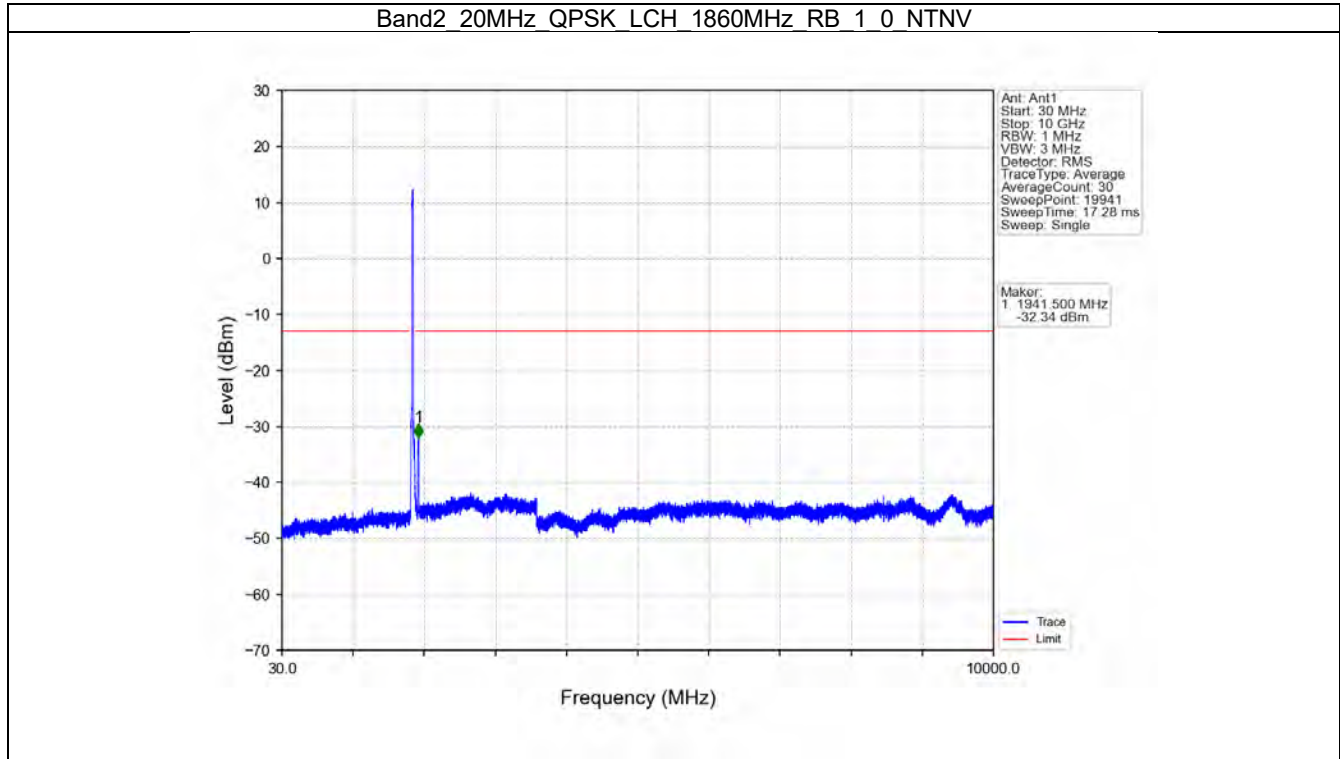
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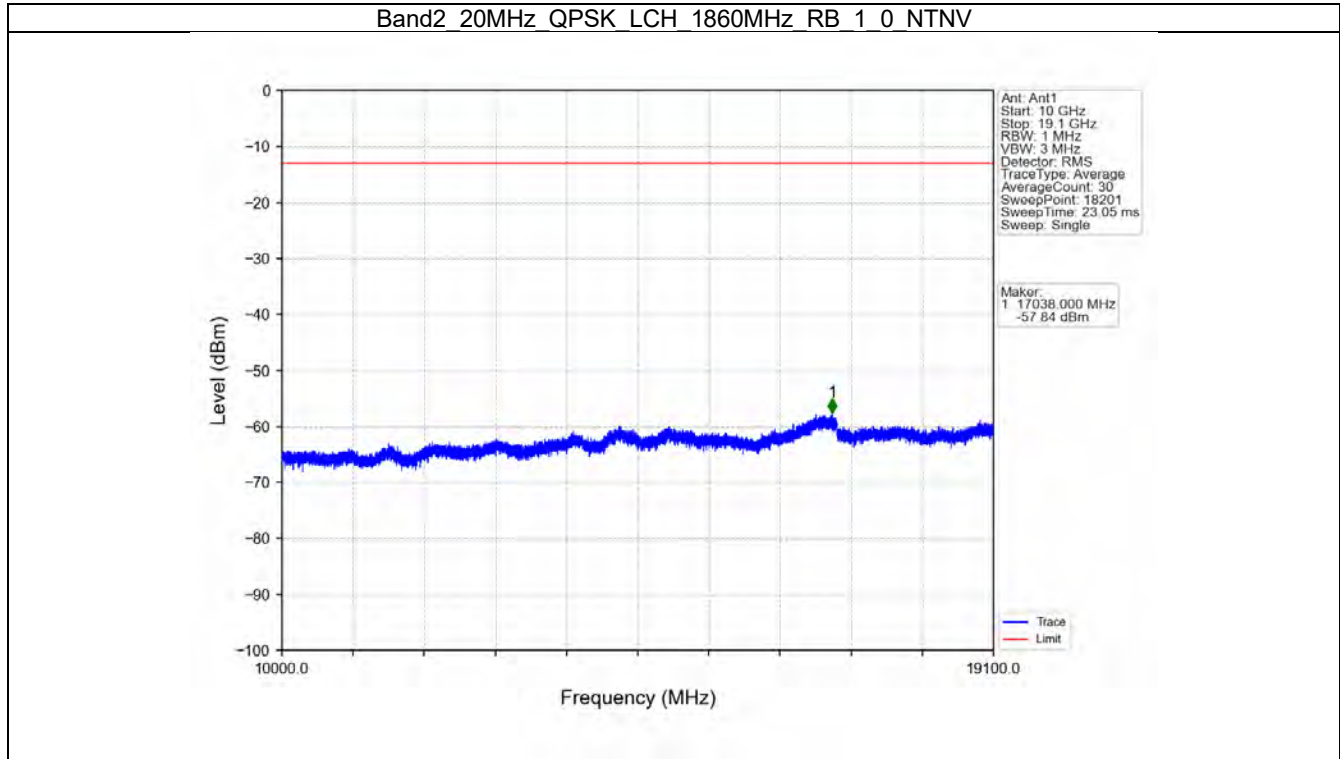
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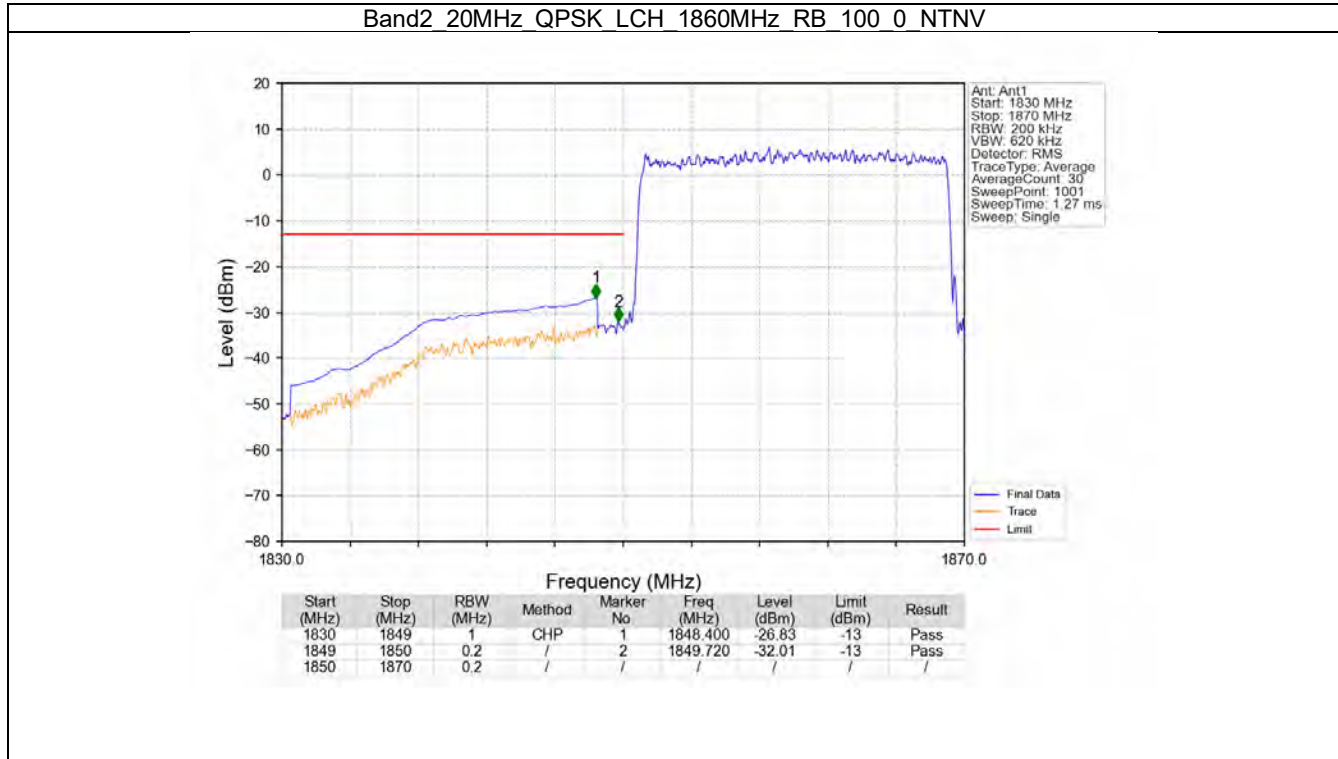
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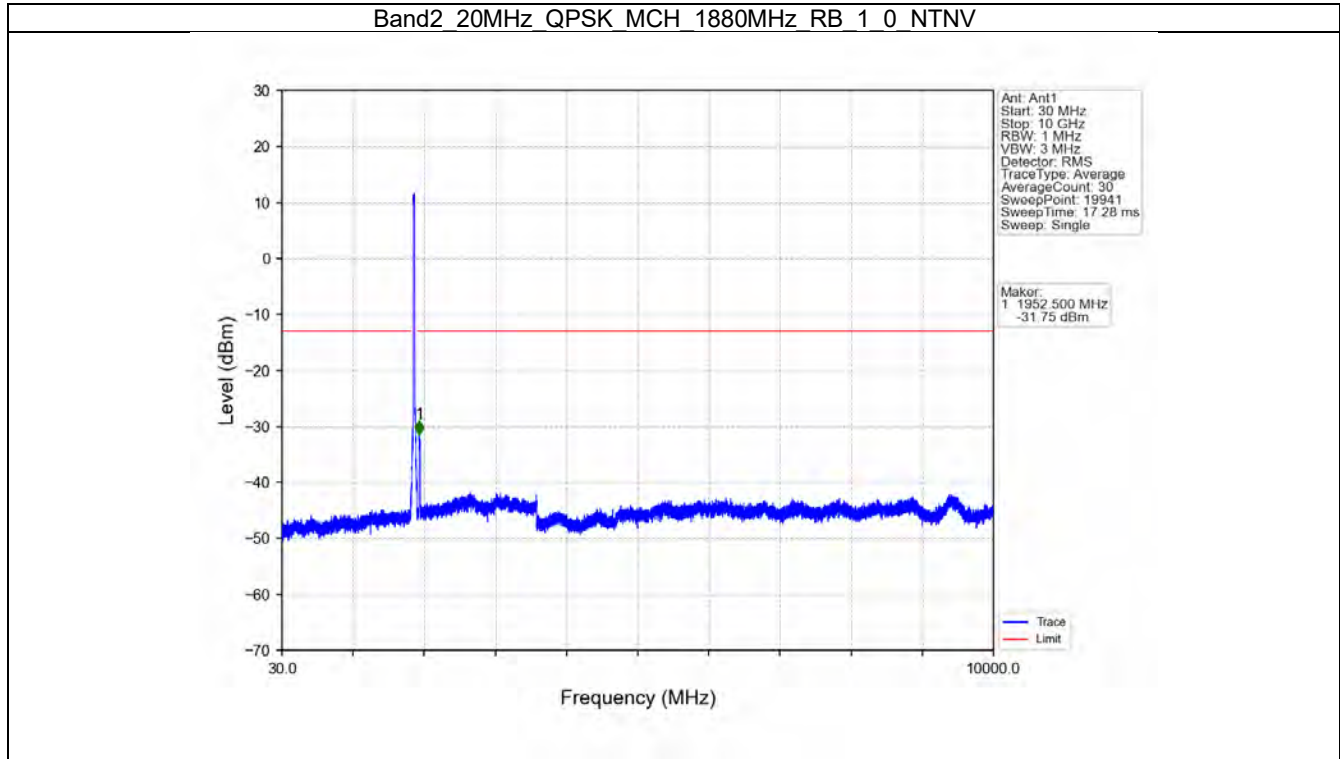
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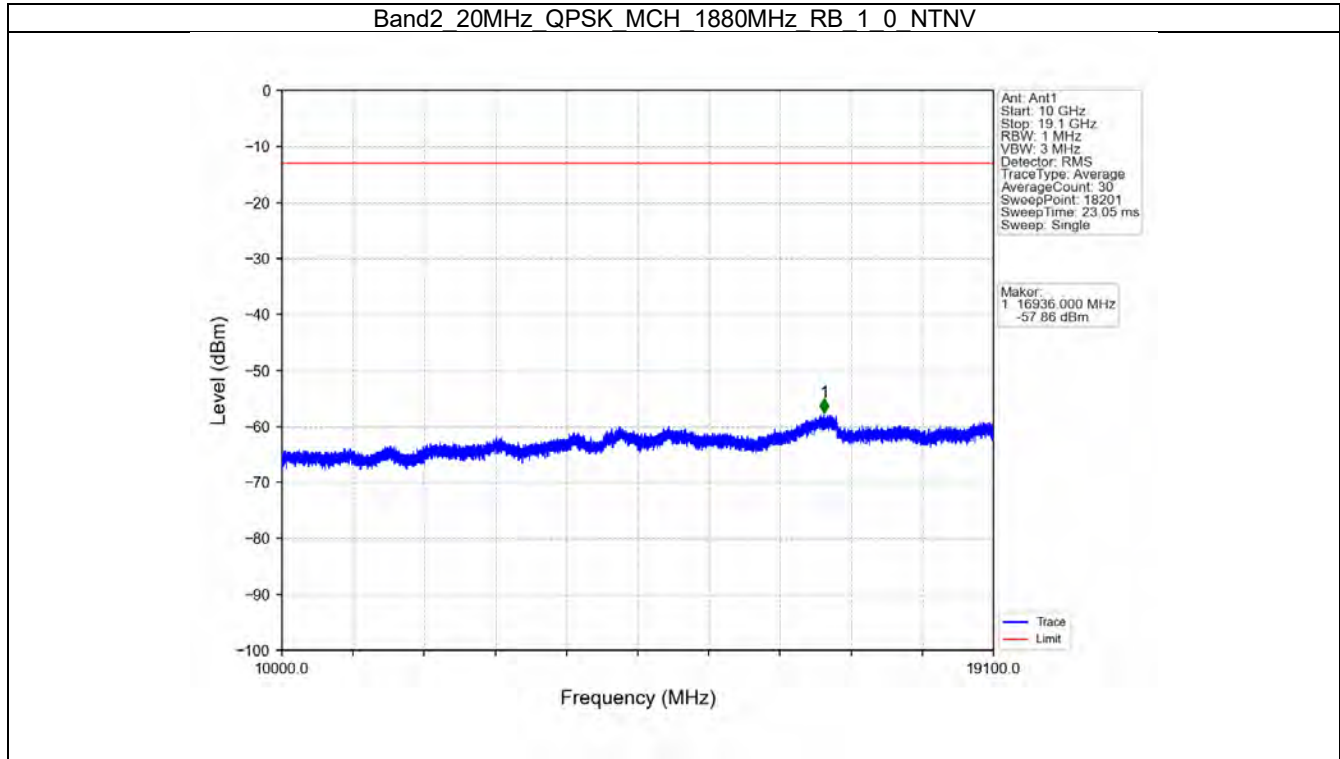
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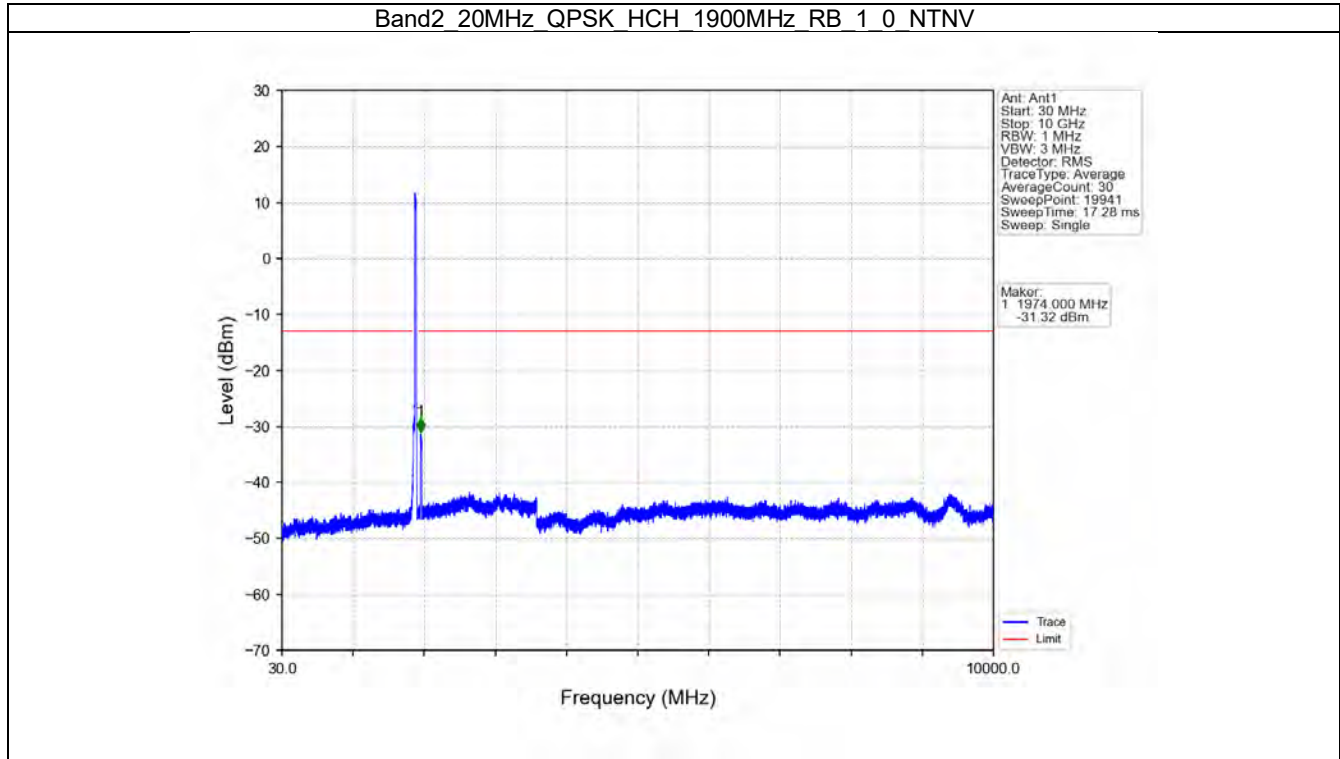
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Rev.: 01

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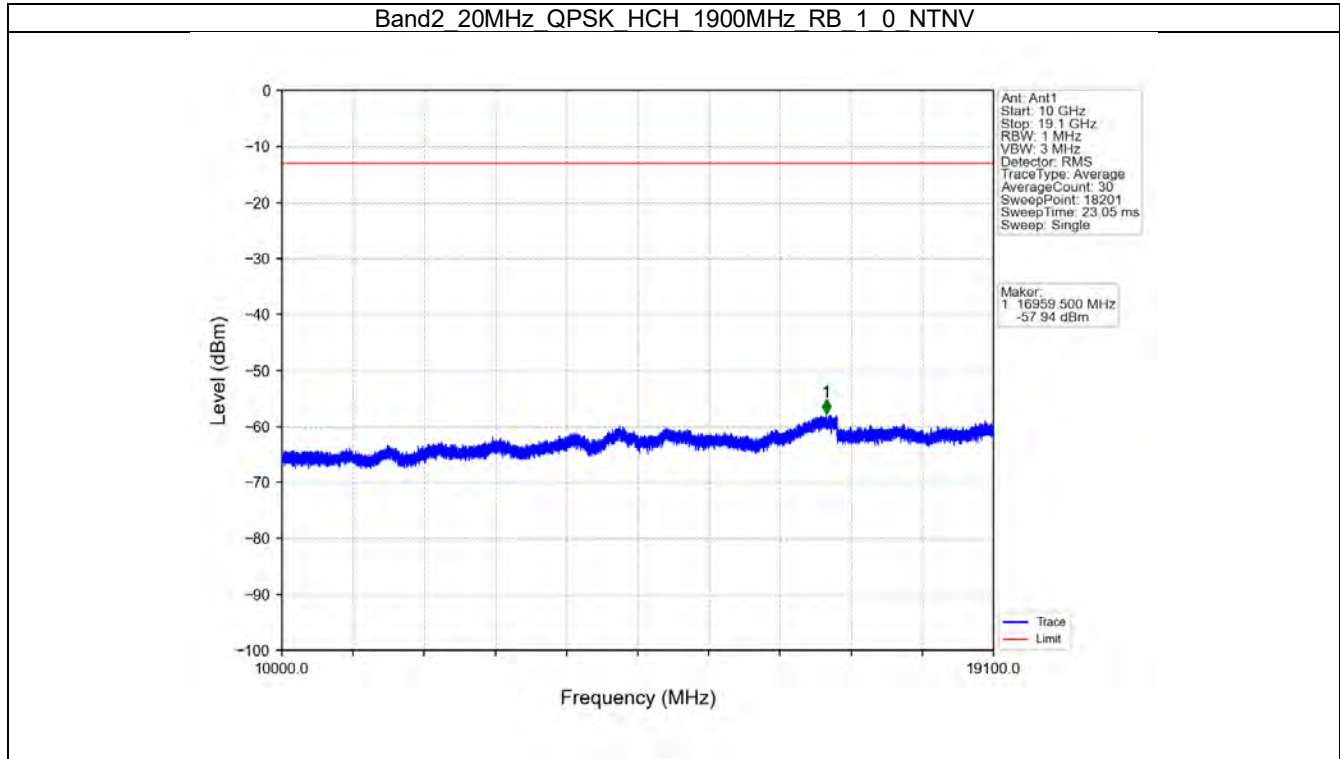
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 292 of 303



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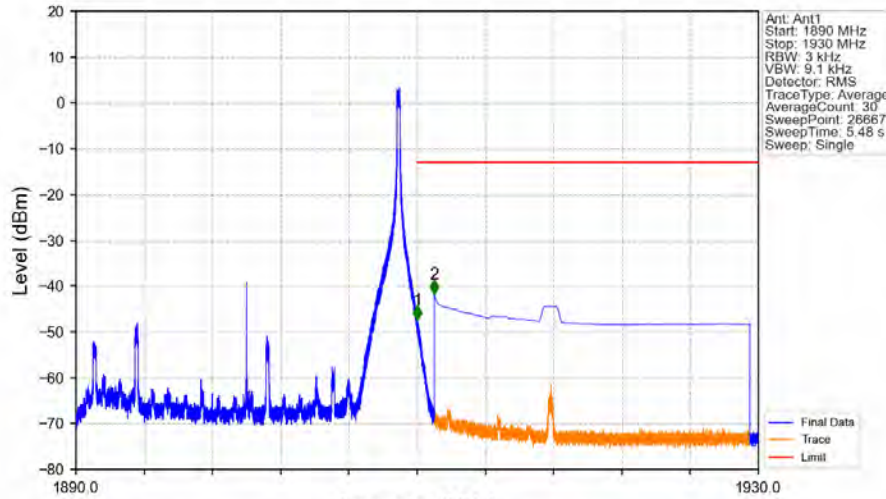
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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 293 of 303

Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTNV



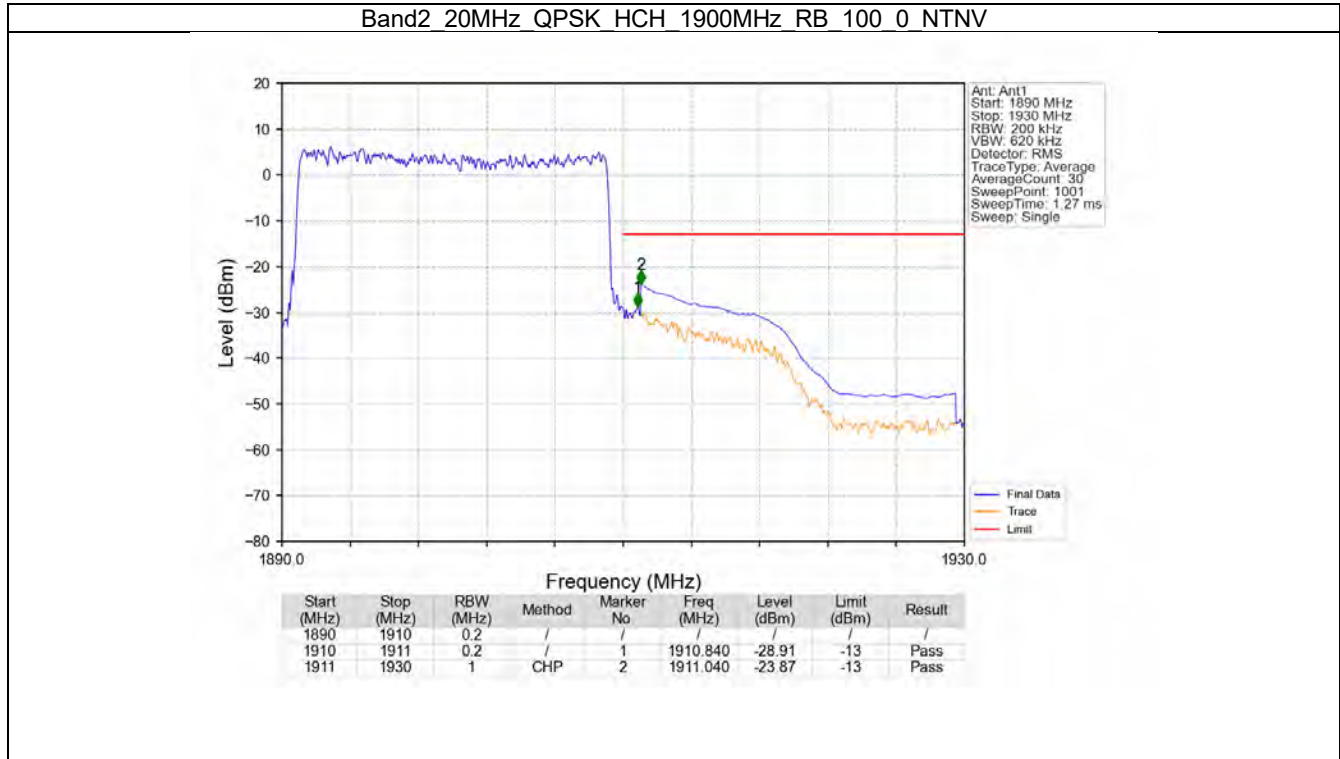
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	1	1910.016	-47.44	-13	/
1910	1911	0.003	/	2	1911.001	-41.72	-13	Pass



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 295 of 303

6. Field Strength of Spurious Radiation

Test Band = LTE Band2_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.14	-45.51	28.80	-71.83	-13.00	58.83	Horizontal
2	5553.2700	39.68	-45.15	32.61	-68.12	-13.00	55.12	Horizontal
3	7404.3600	37.83	-43.40	36.33	-64.49	-13.00	51.49	Horizontal
4	9255.4500	34.42	-40.23	36.79	-64.29	-13.00	51.29	Horizontal
5	11106.5400	29.60	-37.93	38.71	-64.88	-13.00	51.88	Horizontal
6	12957.6300	28.10	-37.24	39.09	-65.31	-13.00	52.31	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	39.65	-45.51	28.80	-72.32	-13.00	59.32	Vertical
2	5553.2700	38.49	-45.15	32.61	-69.31	-13.00	56.31	Vertical
3	7404.3600	37.90	-43.40	36.33	-64.42	-13.00	51.42	Vertical
4	9255.4500	33.77	-40.23	36.79	-64.94	-13.00	51.94	Vertical
5	11106.5400	29.82	-37.93	38.71	-64.66	-13.00	51.66	Vertical
6	12957.6300	28.17	-37.24	39.09	-65.24	-13.00	52.24	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 296 of 303

Test Band = LTE Band2_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	39.88	-45.68	28.84	-72.22	-13.00	59.22	Horizontal
2	5613.2700	39.05	-45.04	32.62	-68.63	-13.00	55.63	Horizontal
3	7484.3600	37.00	-43.18	36.56	-64.88	-13.00	51.88	Horizontal
4	9355.4500	33.83	-40.00	36.98	-64.46	-13.00	51.46	Horizontal
5	11226.5400	29.66	-37.40	38.72	-64.28	-13.00	51.28	Horizontal
6	13097.6300	27.04	-37.01	39.28	-65.95	-13.00	52.95	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	39.41	-45.68	28.84	-72.69	-13.00	59.69	Vertical
2	5613.2700	38.48	-45.04	32.62	-69.20	-13.00	56.20	Vertical
3	7484.3600	36.40	-43.18	36.56	-65.48	-13.00	52.48	Vertical
4	9355.4500	33.67	-40.00	36.98	-64.62	-13.00	51.62	Vertical
5	11226.5400	30.75	-37.40	38.72	-63.19	-13.00	50.19	Vertical
6	13097.6300	28.42	-37.01	39.28	-64.57	-13.00	51.57	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 297 of 303

Test Band = LTE Band2_ TM1
Test Channel = High

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	40.70	-45.85	28.88	-71.52	-13.00	58.52	Horizontal
2	5673.2700	38.94	-44.91	32.63	-68.59	-13.00	55.59	Horizontal
3	7564.3600	36.88	-43.00	36.63	-64.76	-13.00	51.76	Horizontal
4	9455.4500	33.60	-40.05	37.17	-64.55	-13.00	51.55	Horizontal
5	11346.5400	29.13	-37.40	38.73	-64.79	-13.00	51.79	Horizontal
6	13237.6300	27.31	-37.08	39.53	-65.50	-13.00	52.50	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	39.91	-45.85	28.88	-72.31	-13.00	59.31	Vertical
2	5673.2700	38.38	-44.91	32.63	-69.15	-13.00	56.15	Vertical
3	7564.3600	36.63	-43.00	36.63	-65.01	-13.00	52.01	Vertical
4	9455.4500	33.58	-40.05	37.17	-64.57	-13.00	51.57	Vertical
5	11346.5400	29.38	-37.40	38.73	-64.54	-13.00	51.54	Vertical
6	13237.6300	27.75	-37.08	39.53	-65.06	-13.00	52.06	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 298 of 303

Test Band = 2A_5A_TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1437.7143	44.64	-48.12	25.12	-73.62	-13.00	60.62	Horizontal
2	1913.7143	45.06	-48.03	25.73	-72.50	-13.00	59.50	Horizontal
3	2515.4286	43.27	-47.22	27.33	-71.88	-13.00	58.88	Horizontal
4	3164	42.59	-46.46	28.40	-70.73	-13.00	57.73	Horizontal
5	4141.1429	41.26	-45.92	29.44	-70.49	-13.00	57.49	Horizontal
6	6258.2857	39.50	-44.73	33.53	-66.96	-13.00	53.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1572.5714	43.76	-48.29	25.19	-74.60	-13.00	61.60	Vertical
2	2468.5714	42.87	-47.33	27.21	-72.50	-13.00	59.50	Vertical
3	2976	42.77	-46.53	28.25	-70.77	-13.00	57.77	Vertical
4	4420.5714	41.36	-45.83	30.11	-69.62	-13.00	56.62	Vertical
5	5240.5714	40.86	-45.11	31.98	-67.53	-13.00	54.53	Vertical
6	5774.8571	40.38	-44.64	32.65	-66.86	-13.00	53.86	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 299 of 303

Test Band = 2A_5A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1621.7143	44.07	-48.25	25.23	-74.21	-13.00	61.21	Horizontal
2	2266.2857	43.38	-47.56	26.65	-72.80	-13.00	59.80	Horizontal
3	2719.4286	43.45	-47.02	27.74	-71.10	-13.00	58.10	Horizontal
4	3466.8571	42.56	-46.54	28.58	-70.66	-13.00	57.66	Horizontal
5	4961.1429	41.54	-45.72	31.31	-68.13	-13.00	55.13	Horizontal
6	6309.7143	39.63	-44.62	33.69	-66.56	-13.00	53.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1538.2857	44.06	-48.30	25.17	-74.34	-13.00	61.34	Vertical
2	2045.7143	43.40	-47.81	26.03	-73.65	-13.00	60.65	Vertical
3	2644.5714	42.84	-46.98	27.59	-71.81	-13.00	58.81	Vertical
4	3457.7143	42.46	-46.54	28.57	-70.77	-13.00	57.77	Vertical
5	4563.4286	41.62	-45.72	30.44	-68.92	-13.00	55.92	Vertical
6	5767.4286	40.19	-44.63	32.65	-67.05	-13.00	54.05	Vertical



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Rev.: 01

Page: 300 of 303

Test Band = 2A_5A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1441.1429	44.29	-48.13	25.12	-73.98	-13.00	60.98	Horizontal
2	2245.1429	43.46	-47.60	26.59	-72.81	-13.00	59.81	Horizontal
3	2866.8571	42.88	-46.69	28.03	-71.03	-13.00	58.03	Horizontal
4	3569.1429	42.41	-46.40	28.67	-70.58	-13.00	57.58	Horizontal
5	4557.7143	41.73	-45.71	30.43	-68.81	-13.00	55.81	Horizontal
6	5742.8571	40.19	-44.61	32.65	-67.03	-13.00	54.03	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1582.8571	44.28	-48.29	25.19	-74.08	-13.00	61.08	Vertical
2	2398.8571	43.44	-47.45	27.02	-72.25	-13.00	59.25	Vertical
3	3181.7143	42.92	-46.37	28.41	-70.31	-13.00	57.31	Vertical
4	4065.1429	41.78	-46.00	29.26	-70.23	-13.00	57.23	Vertical
5	5120.5714	40.60	-45.30	31.69	-68.27	-13.00	55.27	Vertical
6	6810.2857	40.33	-44.13	34.86	-64.20	-13.00	51.20	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 301 of 303

Test Band = 2A_14A_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1322.8571	45.16	-48.10	25.14	-73.06	-13.00	60.06	Horizontal
2	1937.1429	43.50	-47.99	25.77	-73.98	-13.00	60.98	Horizontal
3	2834.2857	43.09	-46.80	27.97	-71.00	-13.00	58.00	Horizontal
4	4270.2857	41.84	-45.83	29.75	-69.50	-13.00	56.50	Horizontal
5	5734.8571	40.64	-44.60	32.65	-66.57	-13.00	53.57	Horizontal
6	6777.7143	39.90	-44.11	34.80	-64.67	-13.00	51.67	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1346.8571	44.56	-48.07	25.13	-73.64	-13.00	60.64	Vertical
2	2051.4286	43.71	-47.80	26.04	-73.31	-13.00	60.31	Vertical
3	2679.4286	43.11	-47.03	27.66	-71.52	-13.00	58.52	Vertical
4	3938.8571	42.12	-46.22	29.04	-70.32	-13.00	57.32	Vertical
5	5789.1429	40.29	-44.65	32.66	-66.96	-13.00	53.96	Vertical
6	6916	39.80	-44.07	35.05	-64.49	-13.00	51.49	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 302 of 303

Test Band = 2A_14A_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1578.8571	43.74	-48.29	25.19	-74.62	-40.00	34.62	Horizontal
2	2029.1429	43.31	-47.84	25.98	-73.81	-13.00	60.81	Horizontal
3	2561.7143	43.31	-47.06	27.42	-71.59	-13.00	58.59	Horizontal
4	3344	43.21	-46.62	28.51	-70.16	-13.00	57.16	Horizontal
5	4409.7143	41.58	-45.86	30.08	-69.46	-13.00	56.46	Horizontal
6	5564.5714	40.70	-45.22	32.61	-67.17	-13.00	54.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1570.8571	44.15	-48.29	25.19	-74.22	-40.00	34.22	Vertical
2	2076.5714	43.58	-47.75	26.11	-73.32	-13.00	60.32	Vertical
3	3132	42.94	-46.60	28.38	-70.54	-13.00	57.54	Vertical
4	4101.1429	41.57	-45.90	29.34	-70.25	-13.00	57.25	Vertical
5	4668	41.21	-45.80	30.67	-69.18	-13.00	56.18	Vertical
6	5985.7143	40.55	-44.51	32.70	-66.52	-13.00	53.52	Vertical



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Report No.: SEWM2311000466RG01

Rev.: 01

Page: 303 of 303

Test Band = 2A_14A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1589.7143	44.31	-48.28	25.19	-74.04	-40.00	34.04	Horizontal
2	2133.7143	43.61	-47.70	26.27	-73.08	-13.00	60.08	Horizontal
3	2958.8571	42.61	-46.54	28.22	-70.97	-13.00	57.97	Horizontal
4	3740	41.62	-46.15	28.84	-70.95	-13.00	57.95	Horizontal
5	5750.2857	40.39	-44.62	32.65	-66.84	-13.00	53.84	Horizontal
6	7834.8571	38.47	-42.66	36.73	-62.72	-13.00	49.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1596	44.08	-48.28	25.20	-74.26	-40.00	34.26	Vertical
2	2086.2857	43.26	-47.74	26.14	-73.59	-13.00	60.59	Vertical
3	2978.2857	42.74	-46.53	28.26	-70.79	-13.00	57.79	Vertical
4	3959.4286	41.84	-46.21	29.06	-70.57	-13.00	57.57	Vertical
5	5271.4286	40.78	-45.20	32.05	-67.63	-13.00	54.63	Vertical
6	7001.7143	39.18	-43.58	35.20	-64.46	-13.00	51.46	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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