



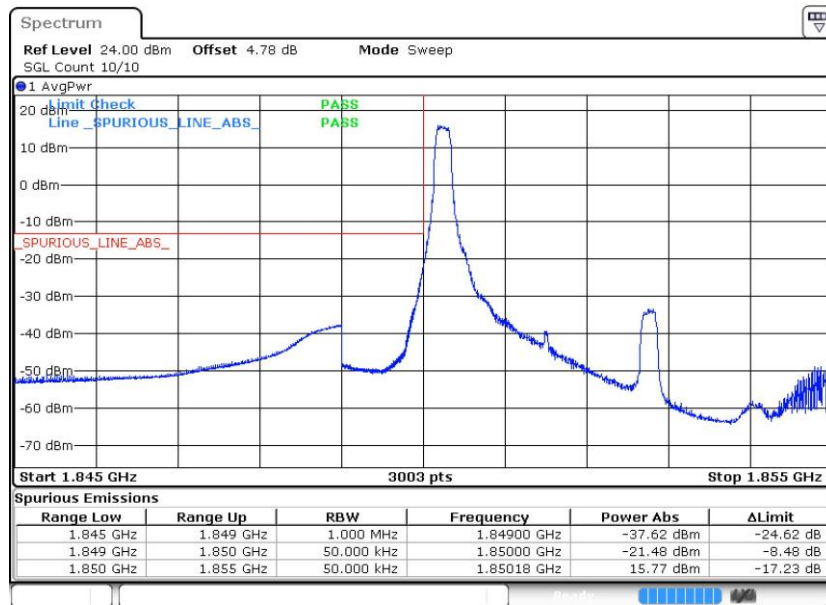
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## Band2-1.4MHz-QPSK-19193-6RB#0



## Band2-3MHz-QPSK-18615-1RB#0



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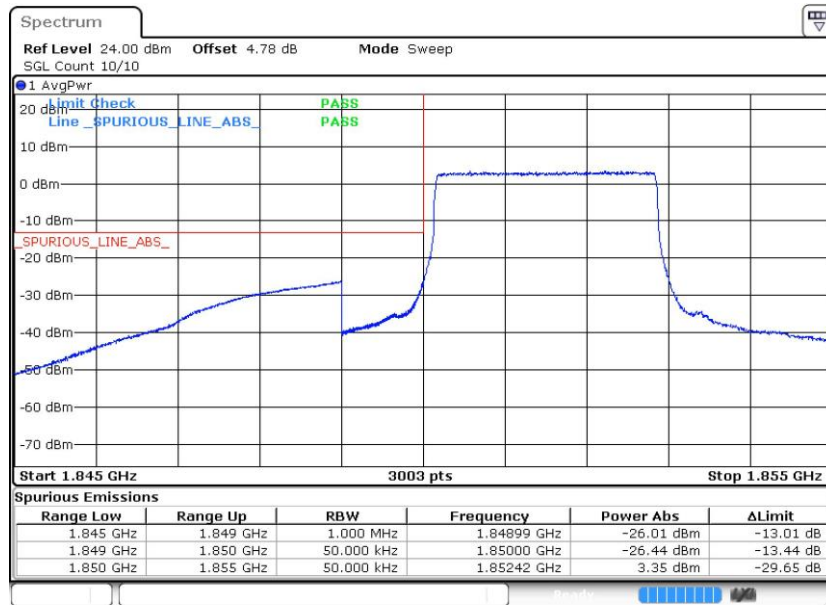
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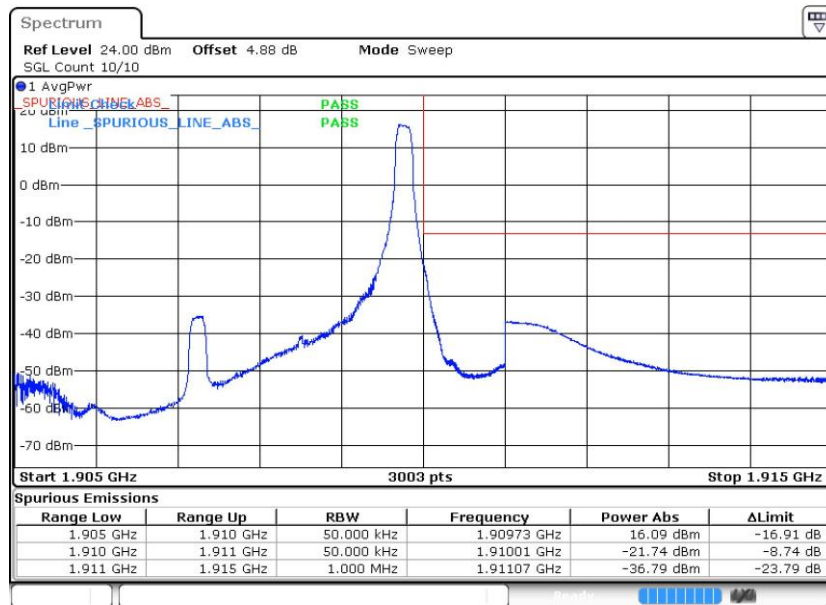
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## Band2-3MHz-QPSK-18615-15RB#0



## Band2-3MHz-QPSK-19185-1RB#14



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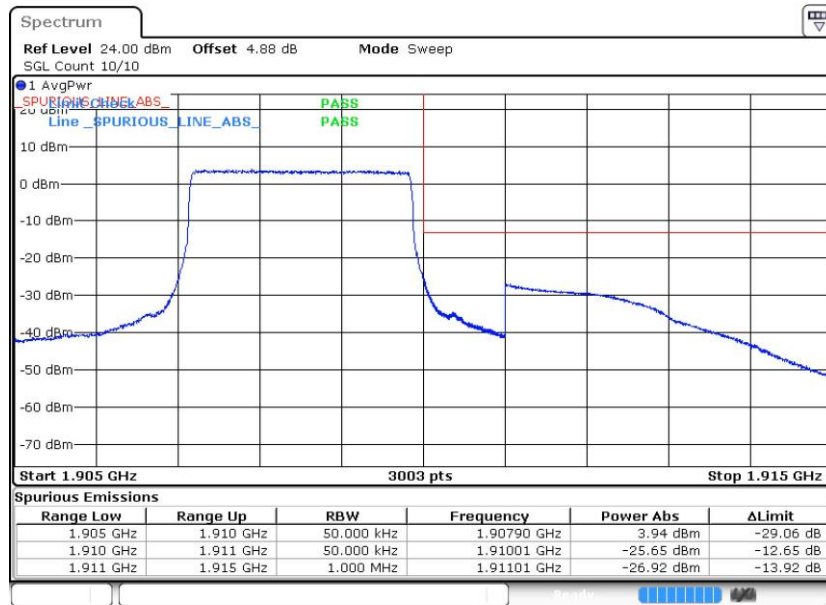
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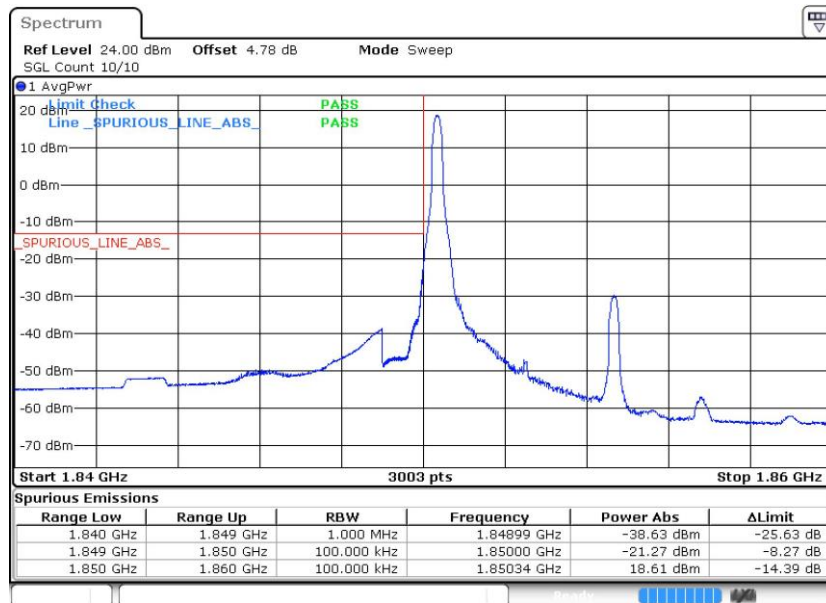
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## Band2-3MHz-QPSK-19185-15RB#0



Date: 18 DEC. 2023 20:57:38

## Band2-5MHz-QPSK-18625-1RB#0



Date: 18 DEC. 2023 20:58:26



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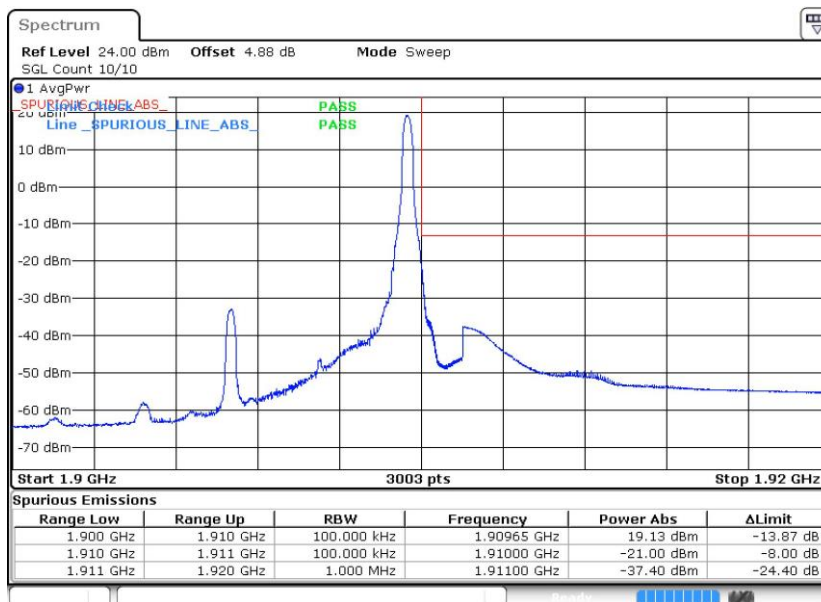
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## Band2-5MHz-QPSK-18625-25RB#0



Date: 18.DEC.2023 20:58:49

## Band2-5MHz-QPSK-19175-1RB#24



Date: 18.DEC.2023 20:59:36



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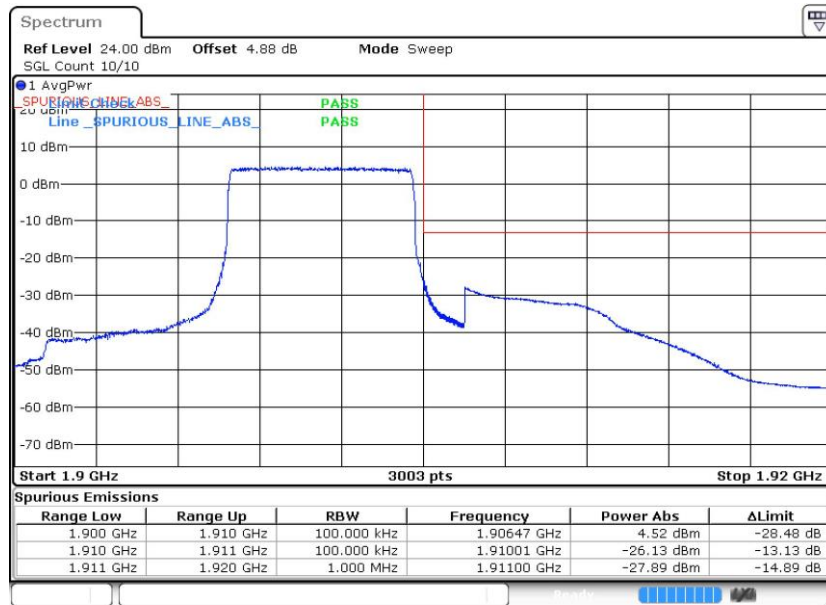




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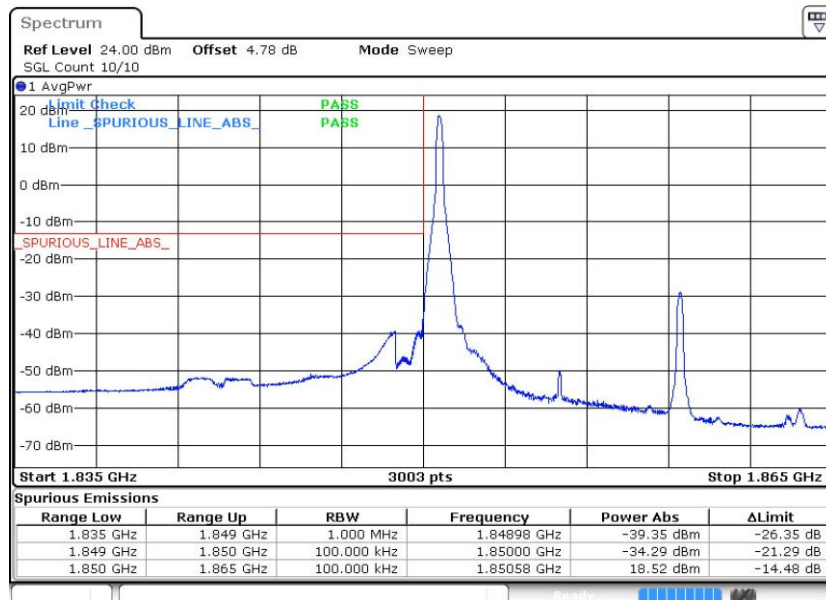
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## Band2-5MHz-QPSK-19175-25RB#0



Date: 18 DEC. 2023 20:59:59

## Band2-10MHz-QPSK-18650-1RB#0



Date: 18 DEC. 2023 21:00:46



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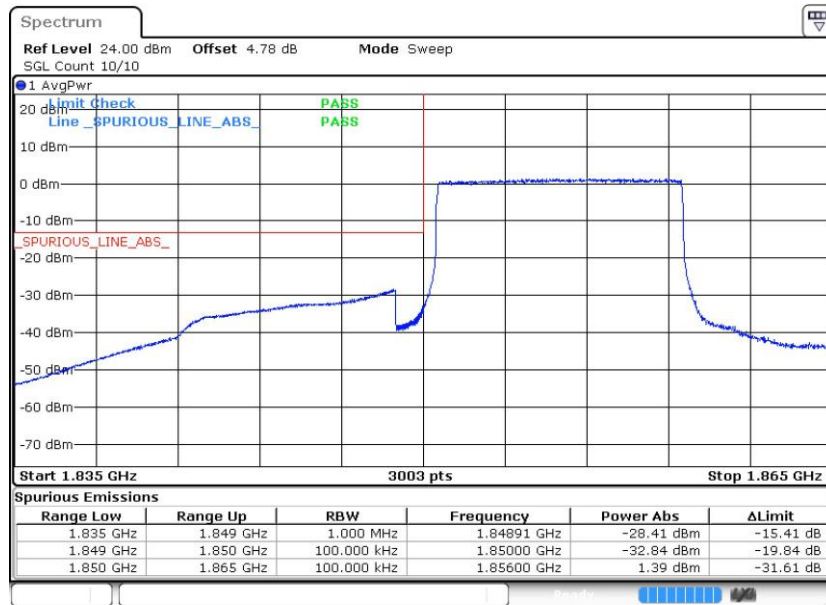
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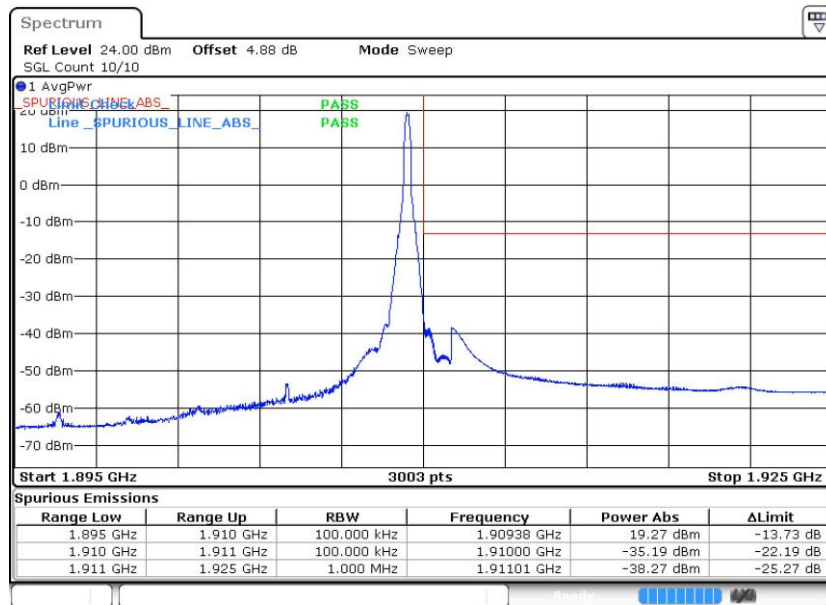
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## Band2-10MHz-QPSK-18650-50RB#0



## Band2-10MHz-QPSK-19150-1RB#49



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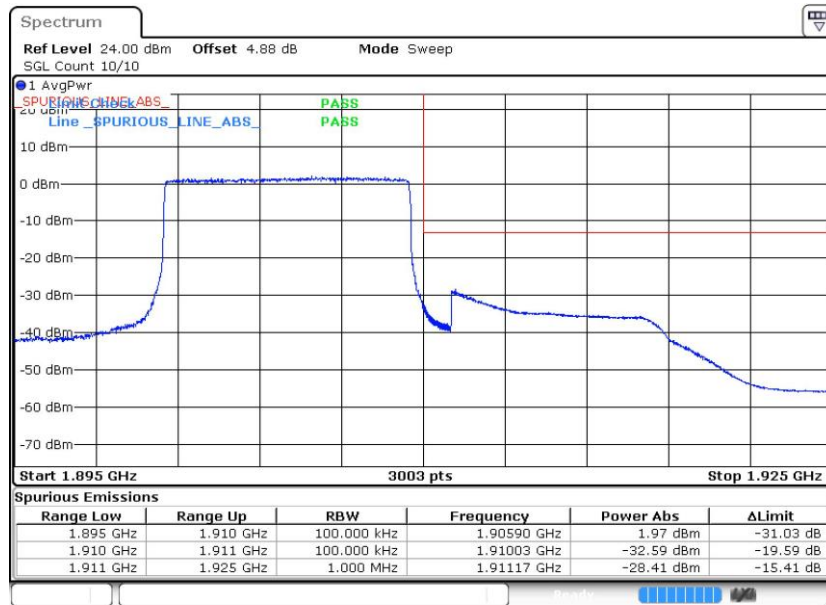
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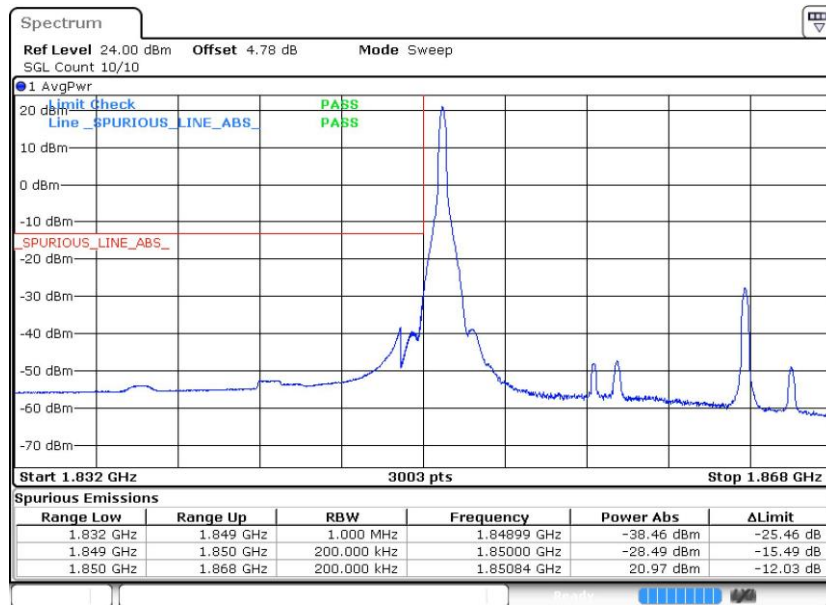
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## Band2-10MHz-QPSK-19150-50RB#0



## Band2-15MHz-QPSK-18675-1RB#0



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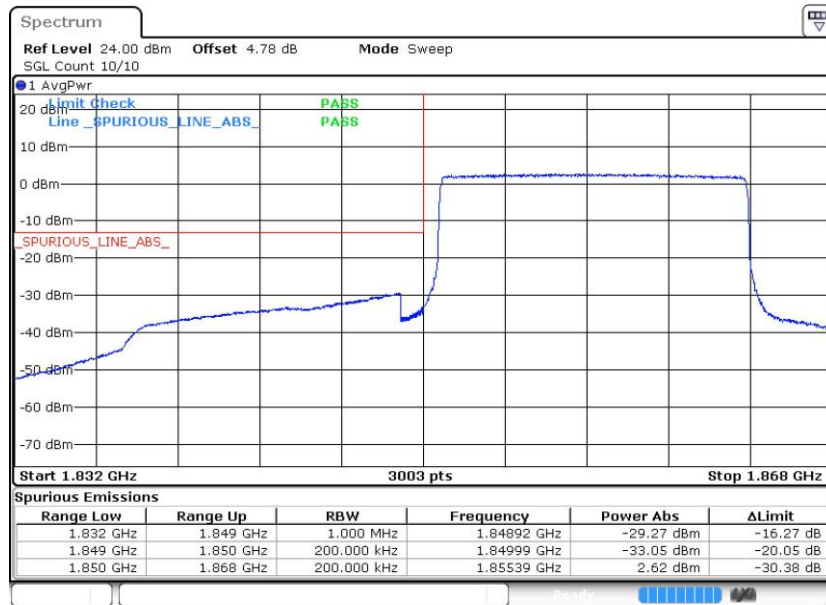
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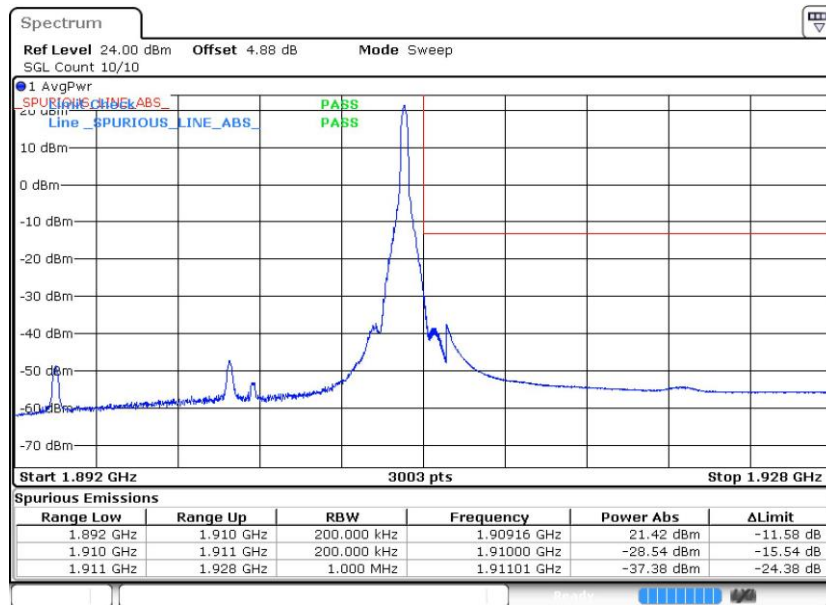
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## Band2-15MHz-QPSK-18675-75RB#0



## Band2-15MHz-QPSK-19125-1RB#74



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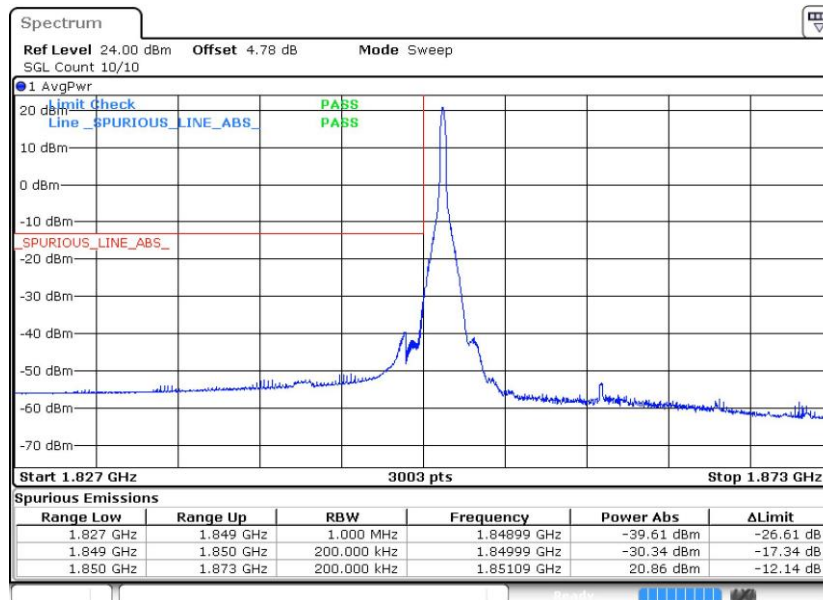
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## Band2-15MHz-QPSK-19125-75RB#0



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## Band2-20MHz-QPSK-18700-1RB#0



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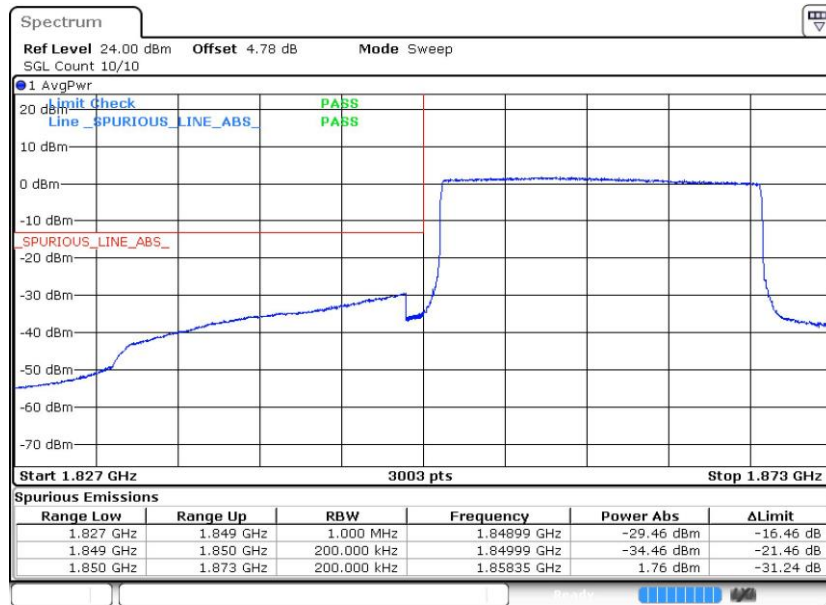
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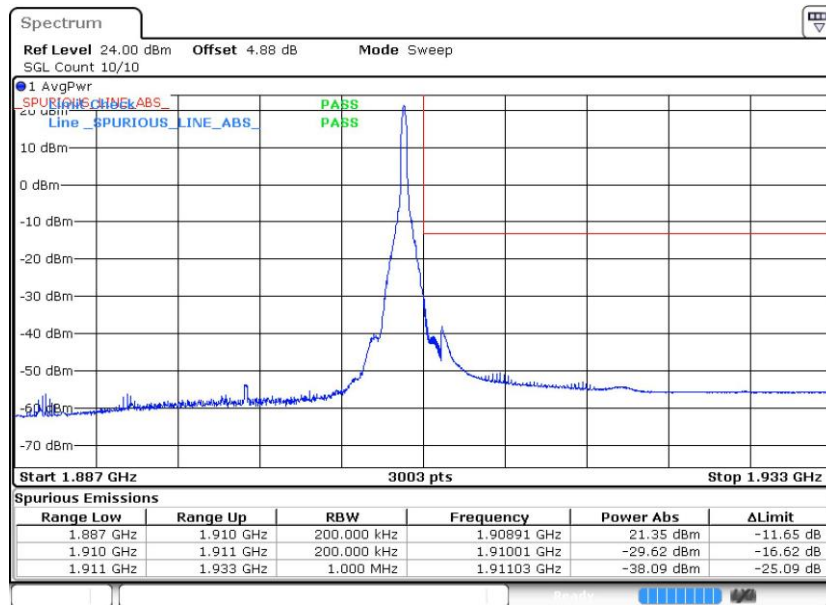
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## Band2-20MHz-QPSK-18700-100RB#0



## Band2-20MHz-QPSK-19100-1RB#99



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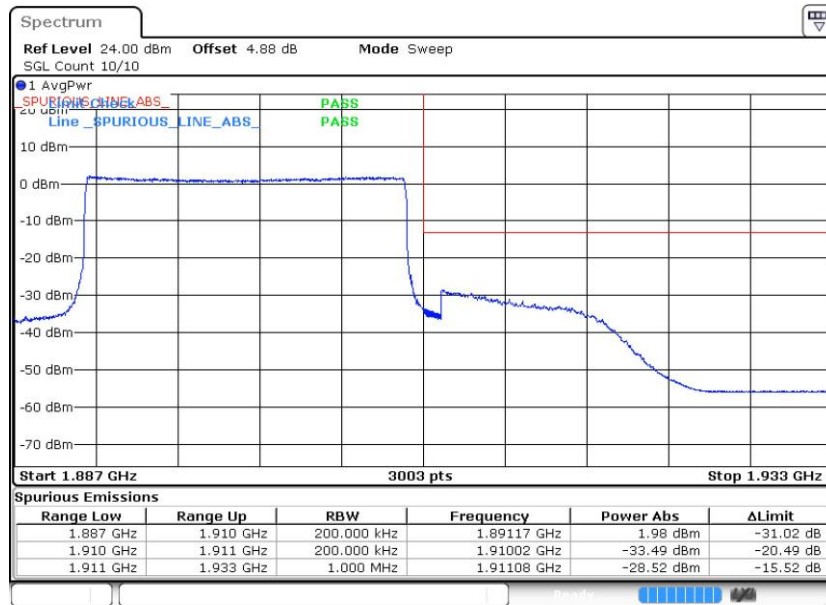
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## Band2-20MHz-QPSK-19100-100RB#0



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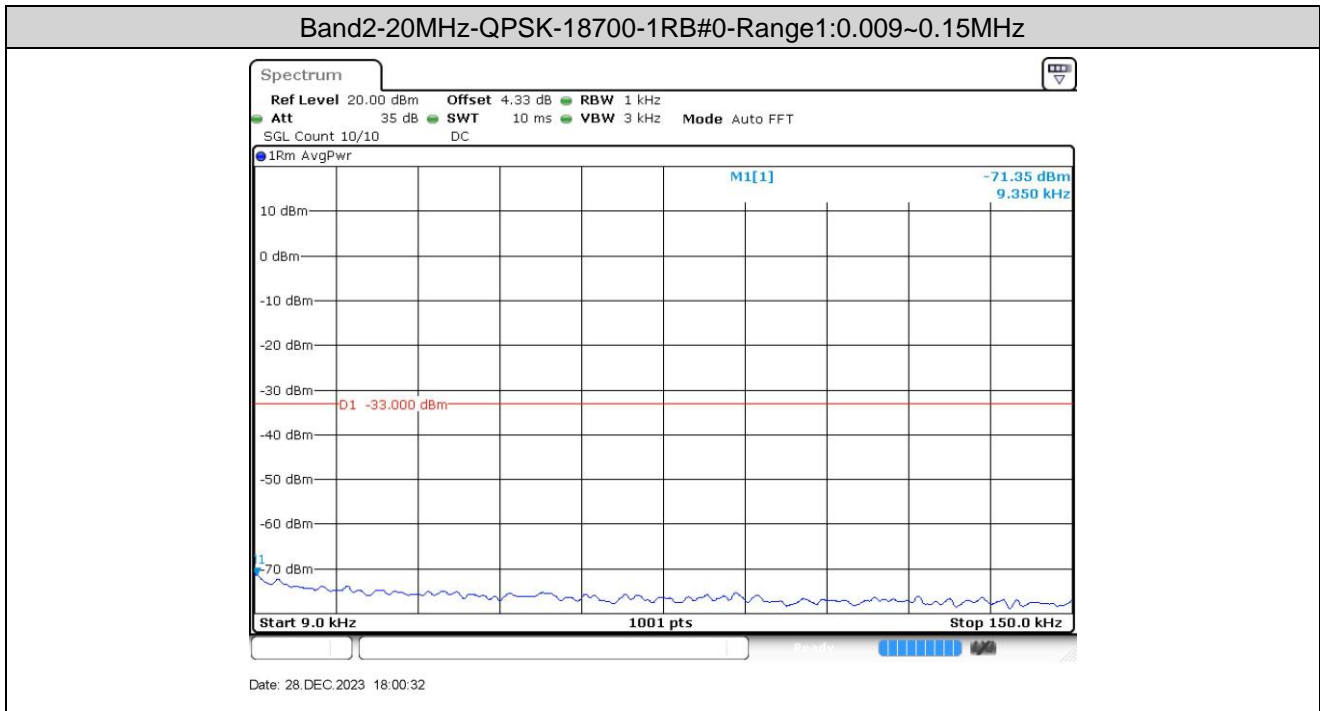


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## Conducted Spurious Emission

### Test Graphs



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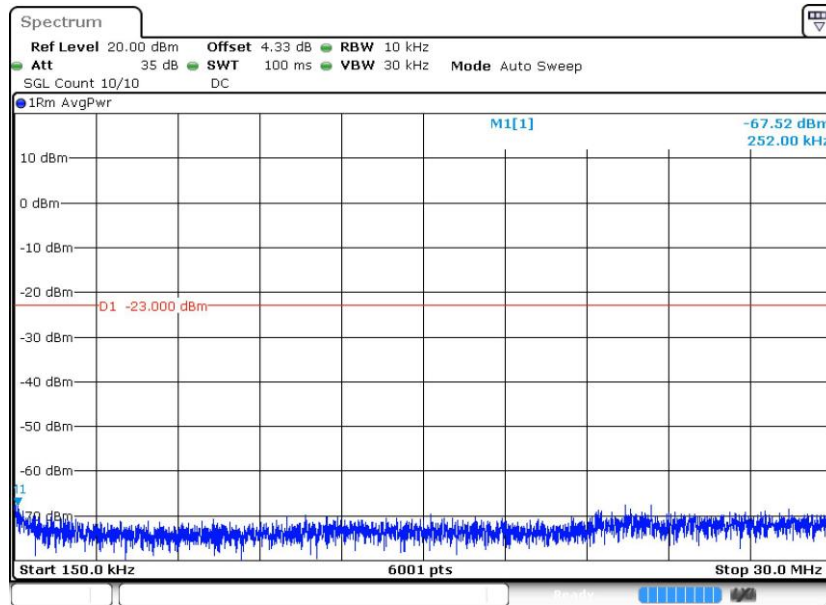




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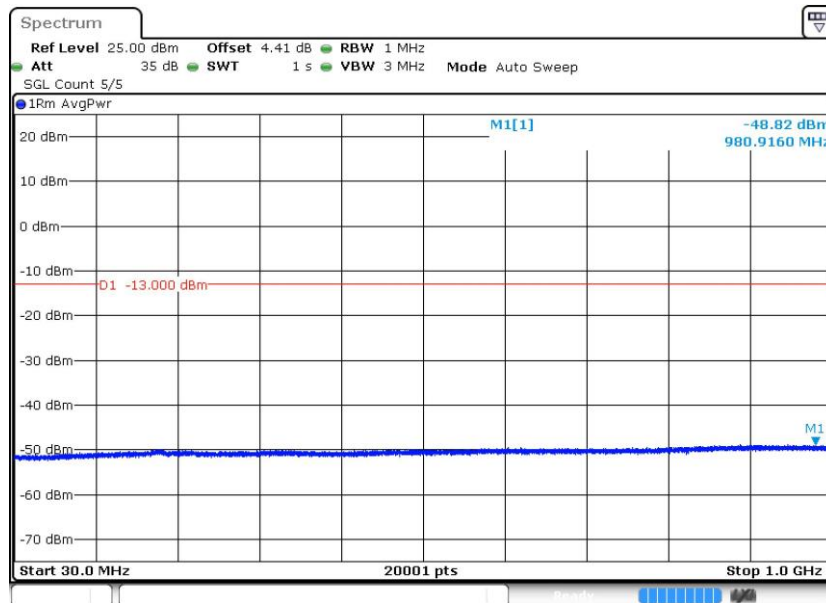
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## Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz



Date: 28 DEC 2023 18:00:36

## Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



Date: 28 DEC 2023 18:00:44



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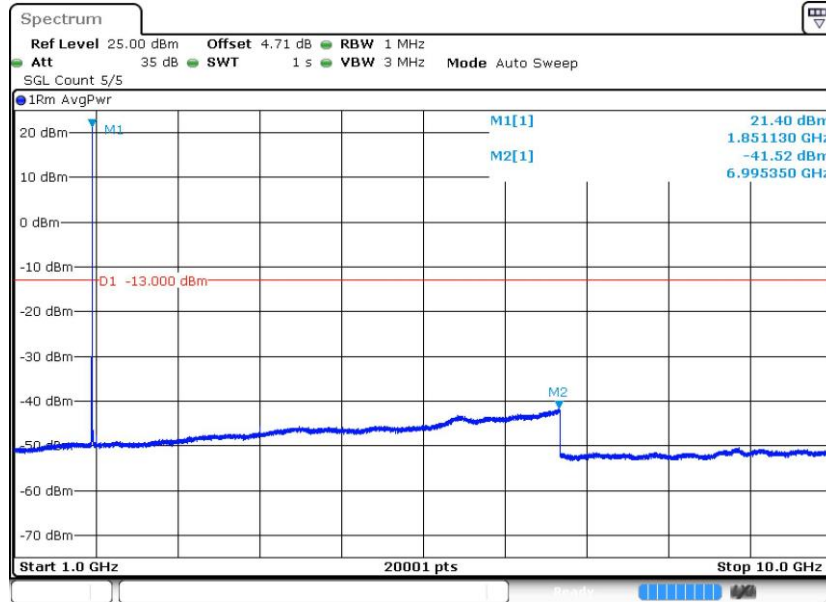
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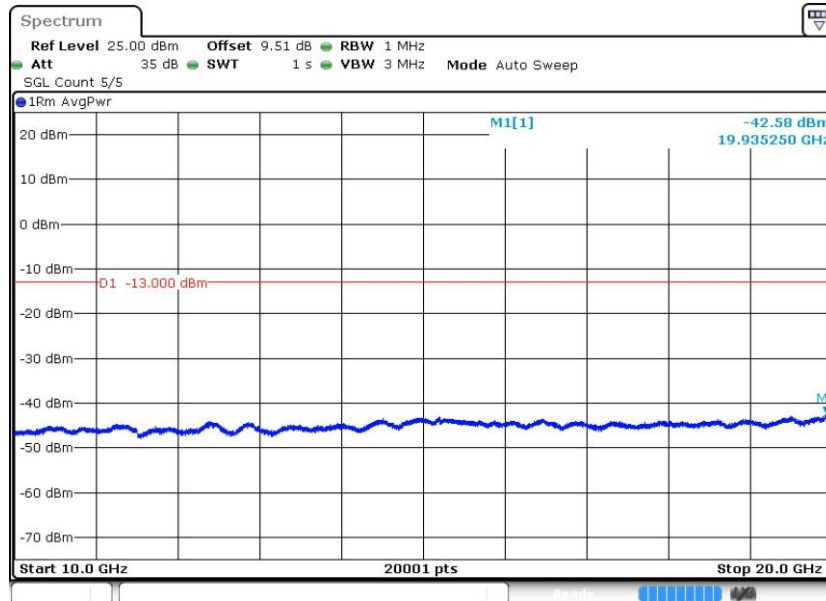
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## Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~10000MHz



Date: 28 DEC. 2023 18:00:53

## Band2-20MHz-QPSK-18700-1RB#0-Range5:10000~20000MHz



Date: 28 DEC. 2023 18:01:02



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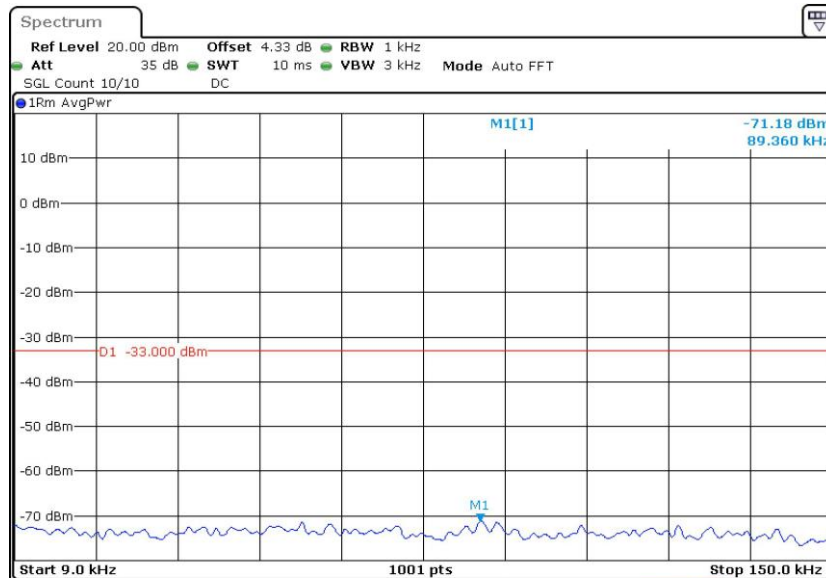
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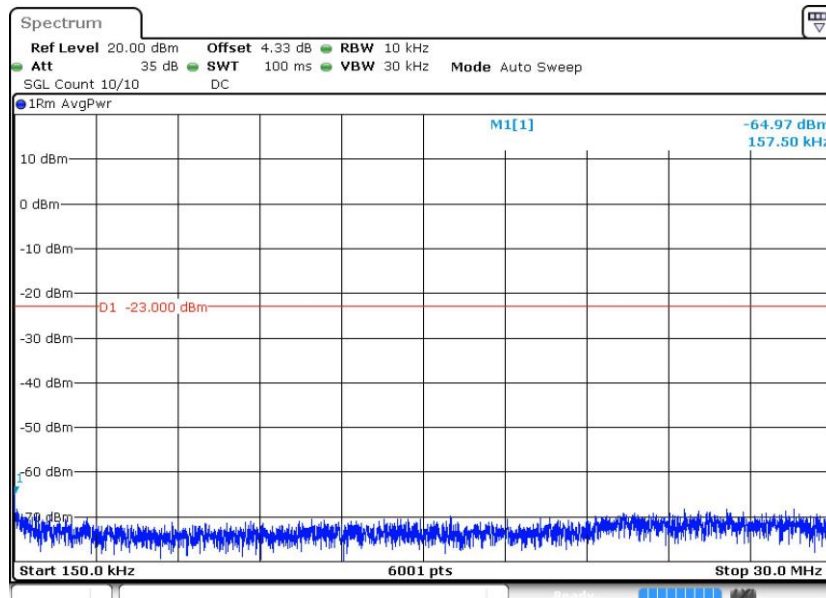
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## Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



Date: 28.DEC.2023 18:01:15

## Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



Date: 28.DEC.2023 18:01:19



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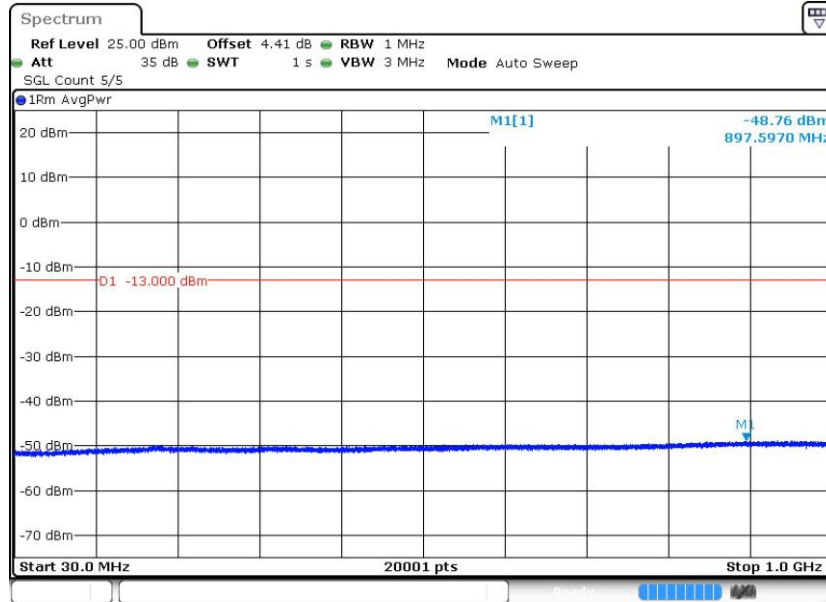
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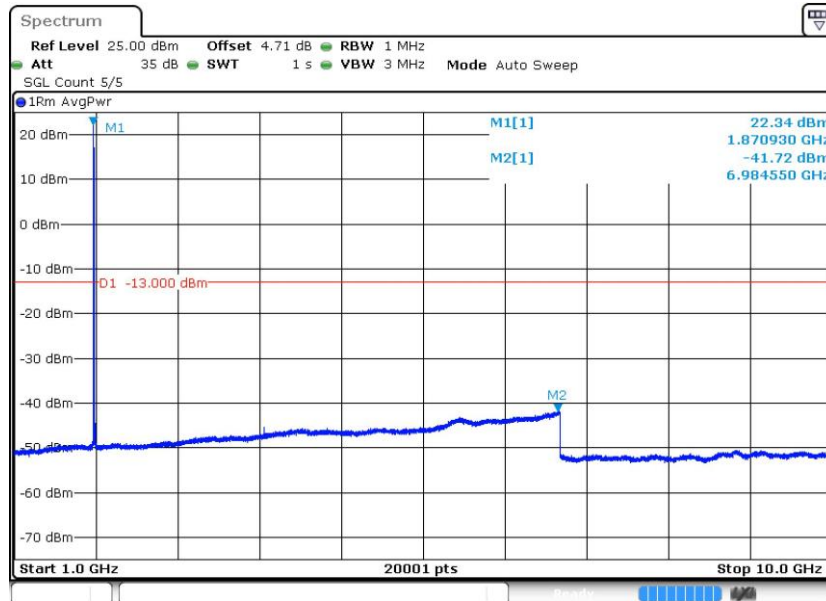
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## Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



Date: 28.DEC.2023 18:01:28

## Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~10000MHz



Date: 28.DEC.2023 18:01:37



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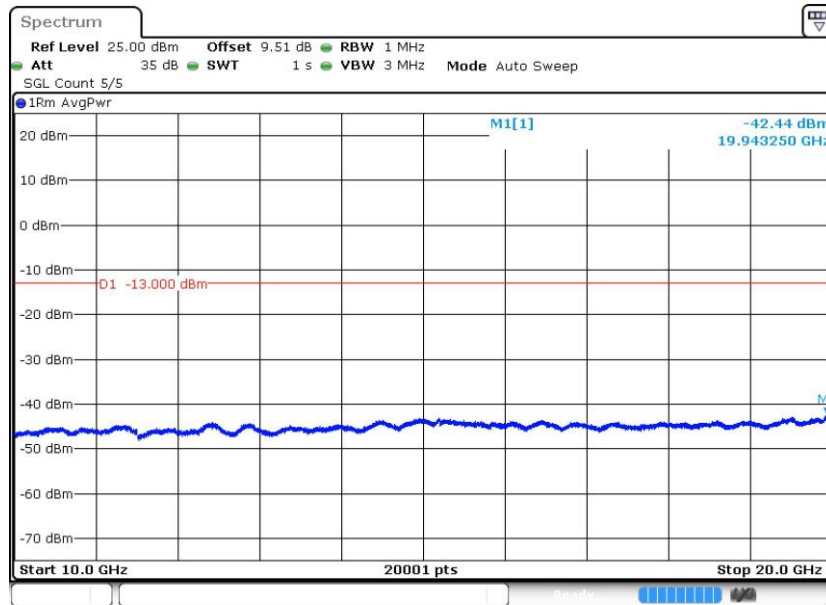




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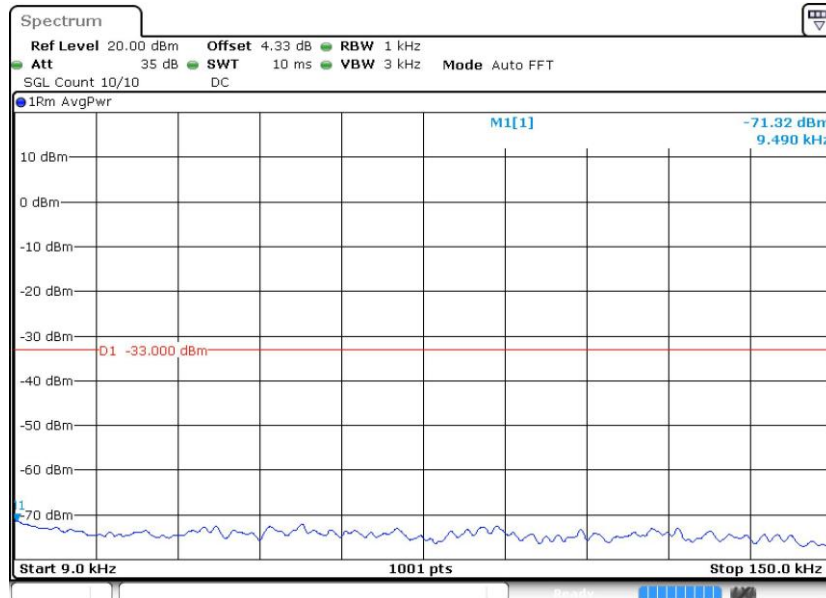
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## Band2-20MHz-QPSK-18900-1RB#0-Range5:10000~20000MHz



Date: 28 DEC. 2023 18:01:45

## Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



Date: 28 DEC. 2023 18:01:58



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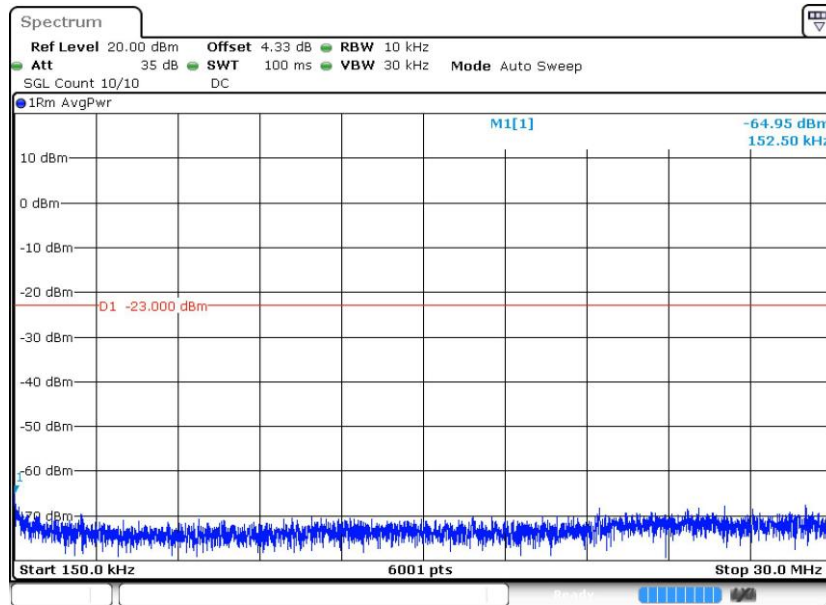
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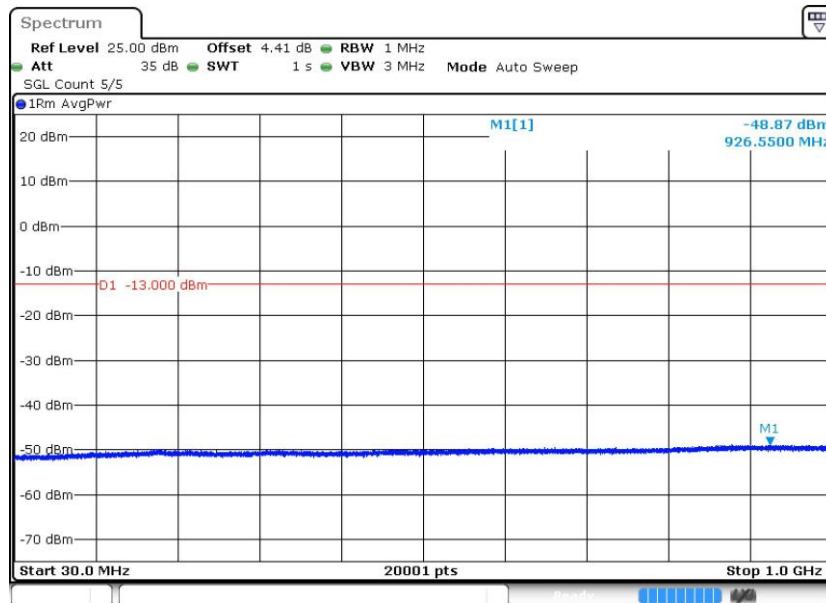
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## Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



Date: 28 DEC. 2023 18:02:03

## Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



Date: 28 DEC. 2023 18:02:11



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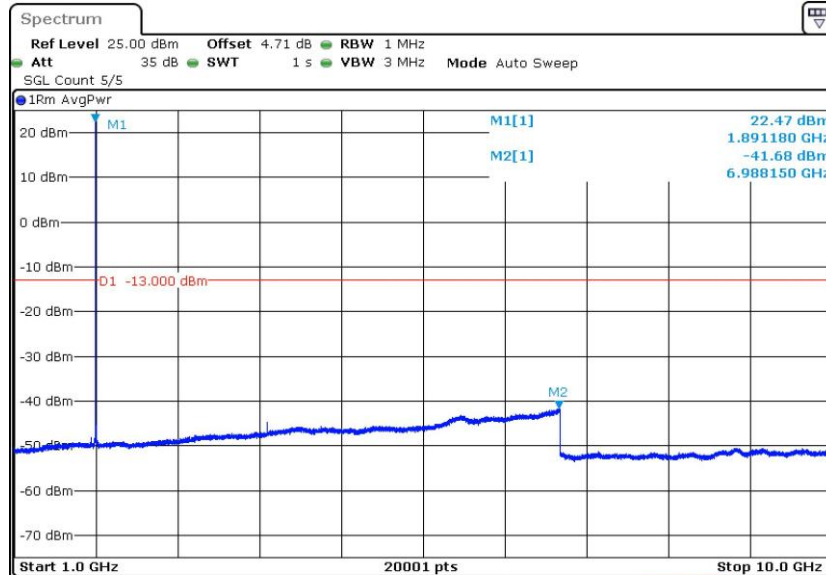
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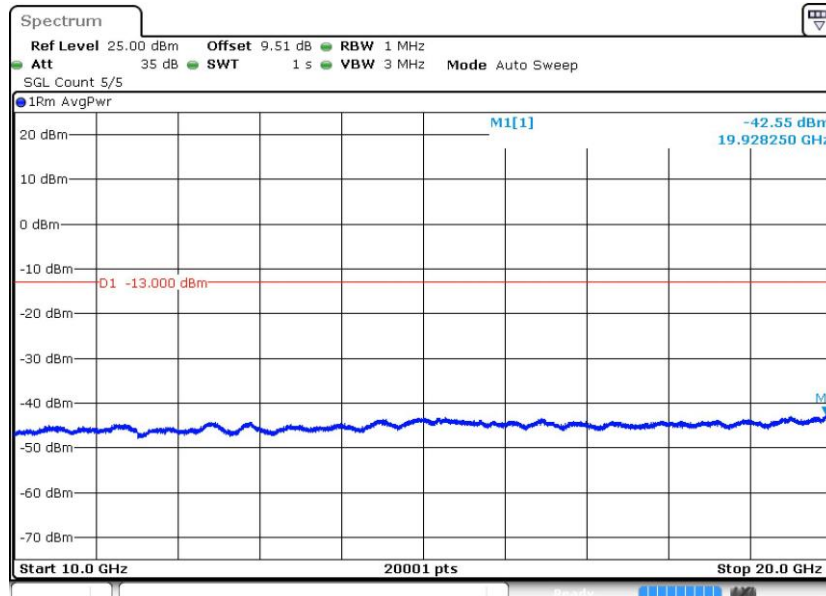
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## Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~10000MHz



Date: 28 DEC. 2023 18:02:20

## Band2-20MHz-QPSK-19100-1RB#0-Range5:10000~20000MHz



Date: 28 DEC. 2023 18:02:29



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## Field Strength of Spurious Radiation

Test Band = B2\_ TM1

Test Channel = Low channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0000	45.33	29.02	-47.47	-68.38	-13.00	55.38	Horizontal
2	5553.0000	45.11	32.58	-47.04	-64.61	-13.00	51.61	Horizontal
3	7404.0000	42.91	36.29	-45.07	-61.13	-13.00	48.13	Horizontal
4	9255.0000	40.84	36.69	-42.41	-60.14	-13.00	47.14	Horizontal
5	11106.0000	37.82	39.62	-39.37	-57.19	-13.00	44.19	Horizontal
6	14588.2635	38.27	41.56	-37.40	-52.83	-13.00	39.83	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0281	47.45	29.02	-47.47	-66.26	-13.00	53.26	Vertical
2	5553.0000	44.44	32.58	-47.04	-65.28	-13.00	52.28	Vertical
3	7404.0000	42.86	36.29	-45.07	-61.18	-13.00	48.18	Vertical
4	9255.0000	40.67	36.69	-42.41	-60.31	-13.00	47.31	Vertical
5	11106.0000	37.66	39.62	-39.37	-57.35	-13.00	44.35	Vertical
6	14534.8614	38.72	41.55	-38.12	-53.11	-13.00	40.11	Vertical



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**Test Band = B2\_ TM1**  
**Test Channel = Mid channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.0000	45.54	29.09	-47.37	-68.00	-13.00	55.00	Horizontal
2	5613.0000	44.15	32.55	-46.93	-65.49	-13.00	52.49	Horizontal
3	7484.0000	43.12	36.38	-45.09	-60.85	-13.00	47.85	Horizontal
4	9355.0000	40.27	36.92	-41.98	-60.05	-13.00	47.05	Horizontal
5	11226.0000	38.06	39.65	-39.00	-56.55	-13.00	43.55	Horizontal
6	15209.8884	36.91	40.89	-36.25	-53.71	-13.00	40.71	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3741.6297	49.93	29.09	-47.37	-63.61	-13.00	50.61	Vertical
2	5613.0000	44.58	32.55	-46.93	-65.06	-13.00	52.06	Vertical
3	7484.0000	42.58	36.38	-45.09	-61.39	-13.00	48.39	Vertical
4	9355.0000	40.17	36.92	-41.98	-60.15	-13.00	47.15	Vertical
5	11226.0000	38.07	39.65	-39.00	-56.54	-13.00	43.54	Vertical
6	14963.8786	37.45	41.60	-37.18	-53.39	-13.00	40.39	Vertical



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**Test Band = B2\_ TM1**  
**Test Channel = High channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3781.8313	46.12	29.15	-47.26	-67.25	-13.00	54.25	Horizontal
2	5673.0000	44.53	32.53	-46.79	-64.99	-13.00	51.99	Horizontal
3	7564.0000	42.47	36.37	-44.79	-61.21	-13.00	48.21	Horizontal
4	9455.0000	39.80	37.15	-41.78	-60.09	-13.00	47.09	Horizontal
5	11346.0000	37.82	39.67	-39.06	-56.83	-13.00	43.83	Horizontal
6	15204.4882	37.33	40.90	-36.23	-53.26	-13.00	40.26	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3781.8313	50.70	29.15	-47.26	-62.67	-13.00	49.67	Vertical
2	5673.0000	44.29	32.53	-46.79	-65.23	-13.00	52.23	Vertical
3	7564.0000	42.82	36.37	-44.79	-60.86	-13.00	47.86	Vertical
4	9455.0000	39.50	37.15	-41.78	-60.39	-13.00	47.39	Vertical
5	11346.0000	37.37	39.67	-39.06	-57.28	-13.00	44.28	Vertical
6	15367.0947	37.15	40.35	-36.56	-54.32	-13.00	41.32	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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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.40	0.000213	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	2.40	0.001277	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	0.60	0.000319	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.80	0.000957	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	0.60	0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	1.60	0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-0.10	-0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.30	0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	0.60	0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.60	0.000319	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.30	-0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	3.00	0.001596	PASS

---End of Attachment---



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