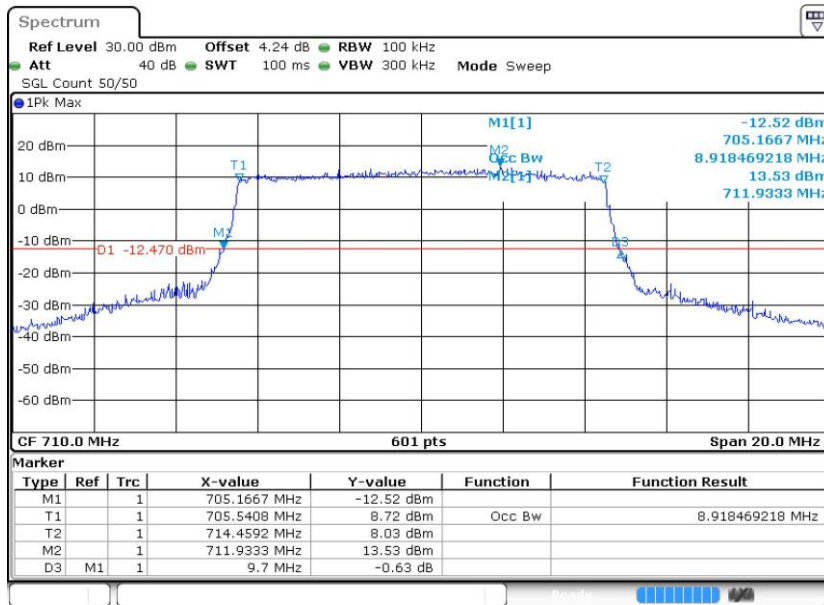




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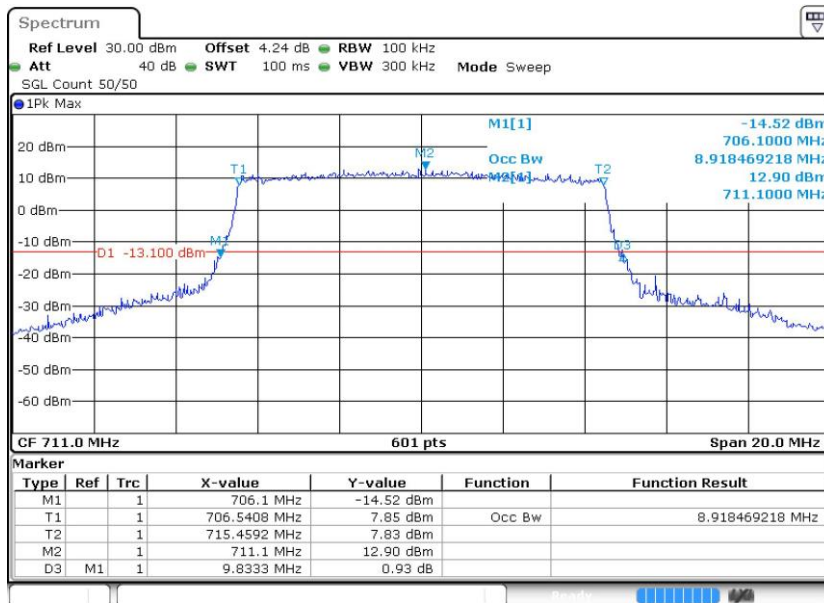
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Band17-10MHz-16QAM-23790-50RB#0



Date: 19.DEC.2023 10:33:53

Band17-10MHz-16QAM-23800-50RB#0



Date: 19.DEC.2023 10:34:30



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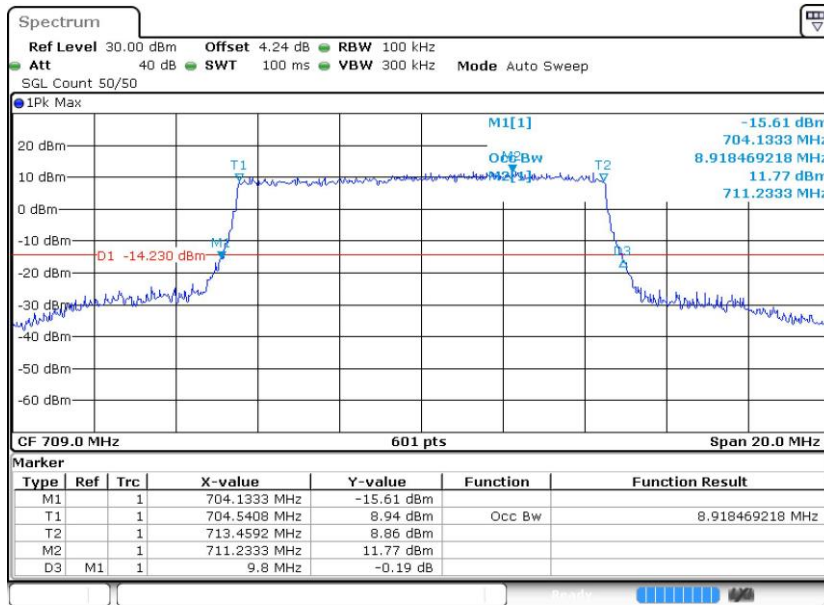
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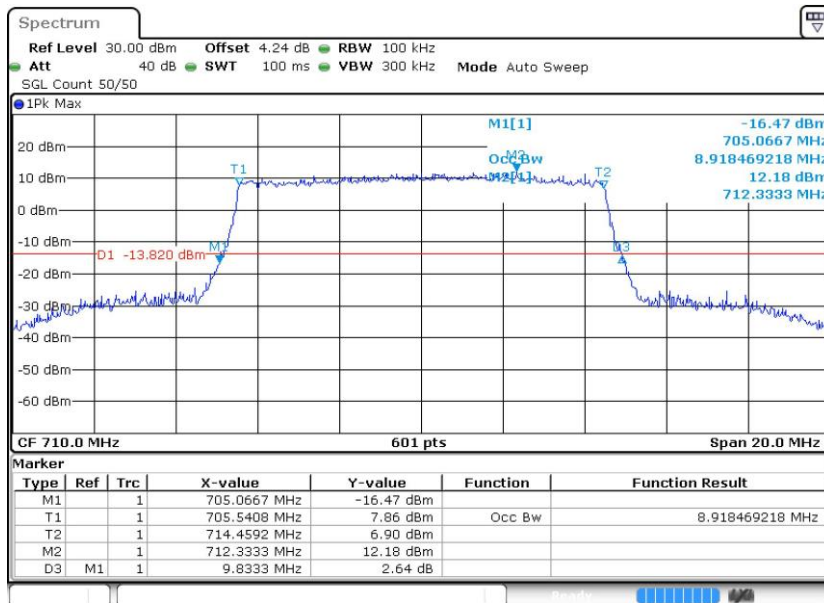
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Band17-10MHz-64QAM-23780-50RB#0



Date: 19.DEC.2023 15:30:23

Band17-10MHz-64QAM-23790-50RB#0



Date: 19.DEC.2023 15:30:41



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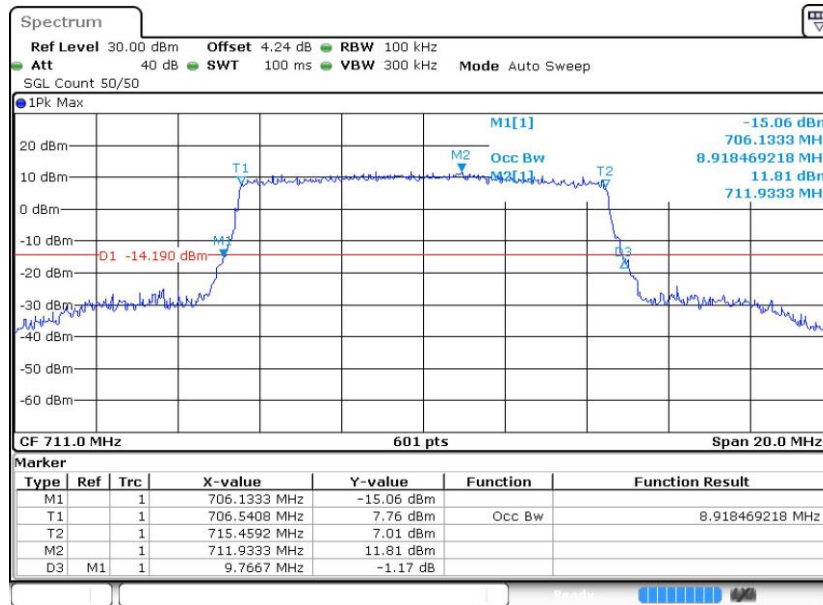
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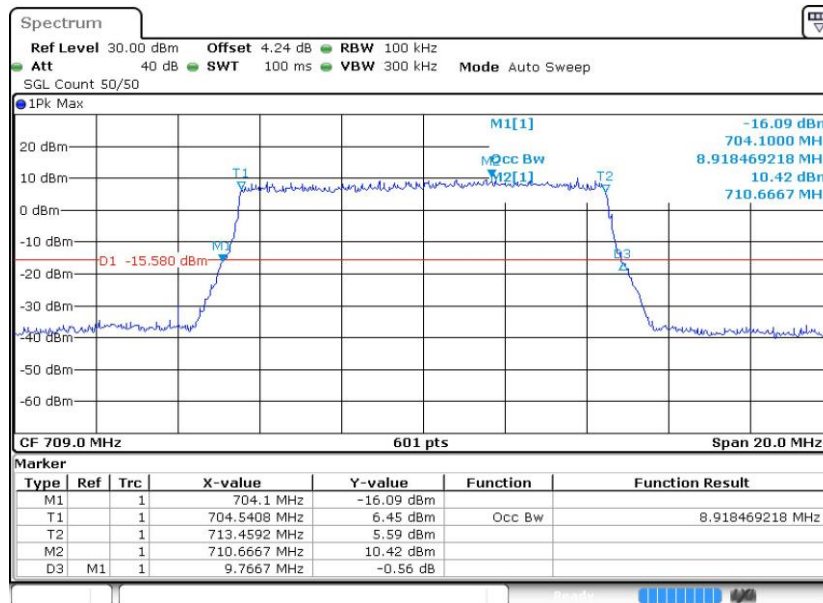
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Band17-10MHz-64QAM-23800-50RB#0



Date: 19.DEC.2023 15:30:59

Band17-10MHz-256QAM-23780-50RB#0



Date: 19.DEC.2023 22:04:44



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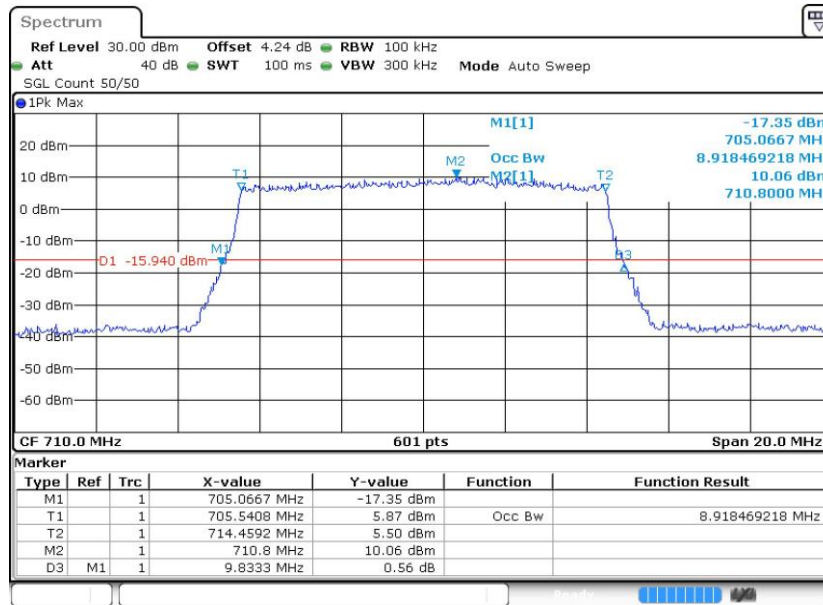
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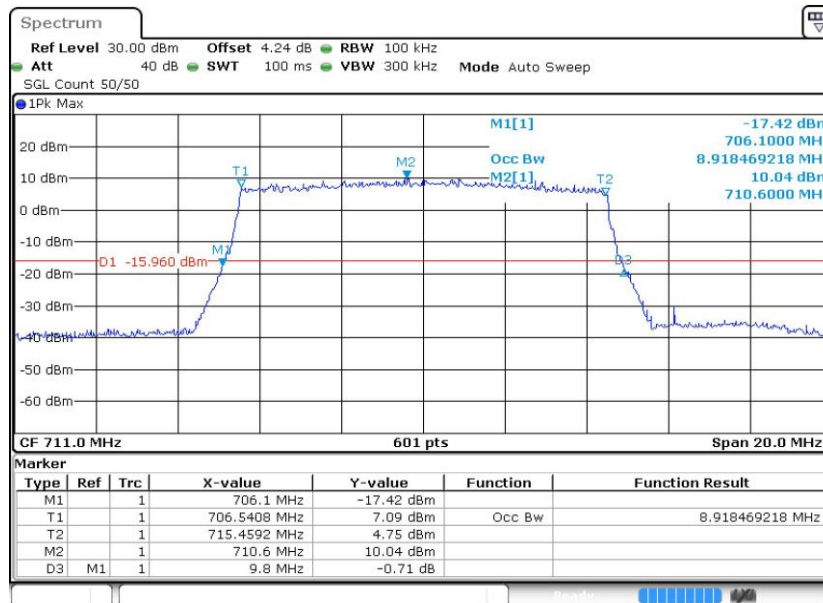
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Band17-10MHz-256QAM-23790-50RB#0



Date: 19.DEC.2023 22:05:05

Band17-10MHz-256QAM-23800-50RB#0



Date: 19.DEC.2023 22:05:25



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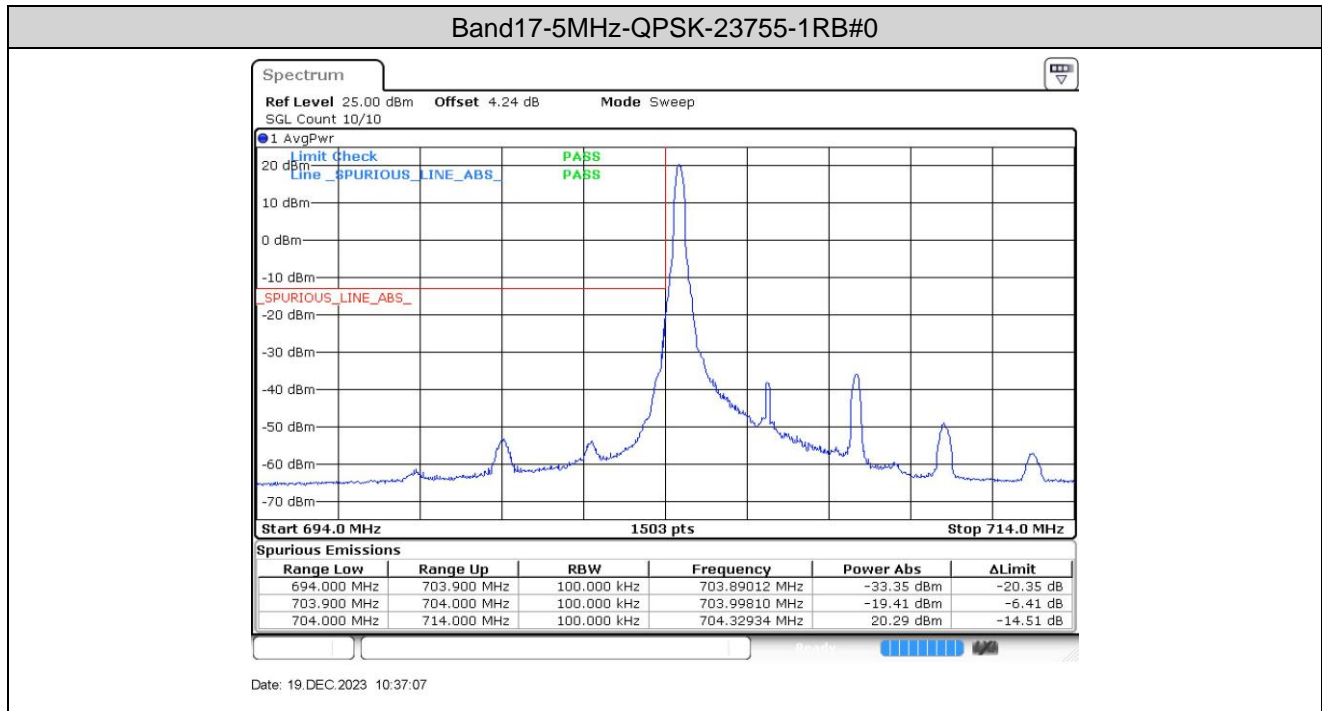


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Band Edge

Test Graphs



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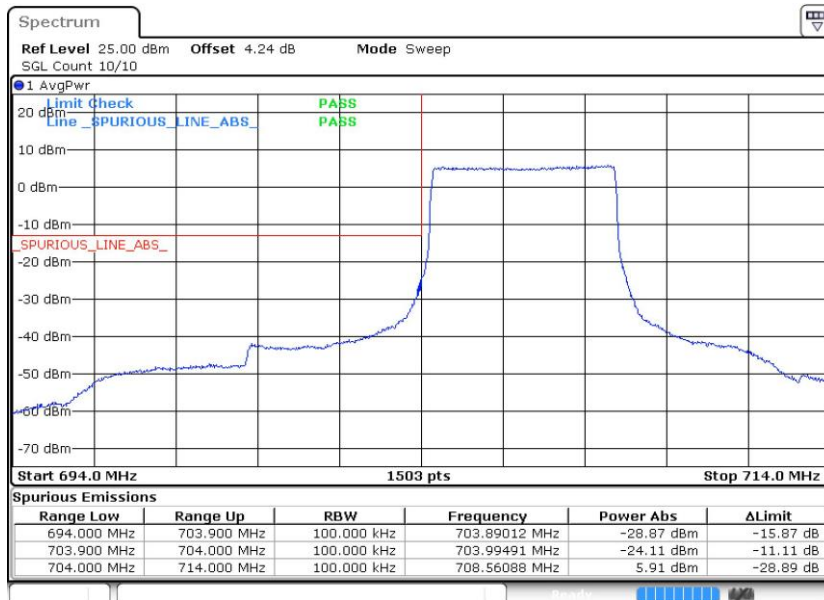
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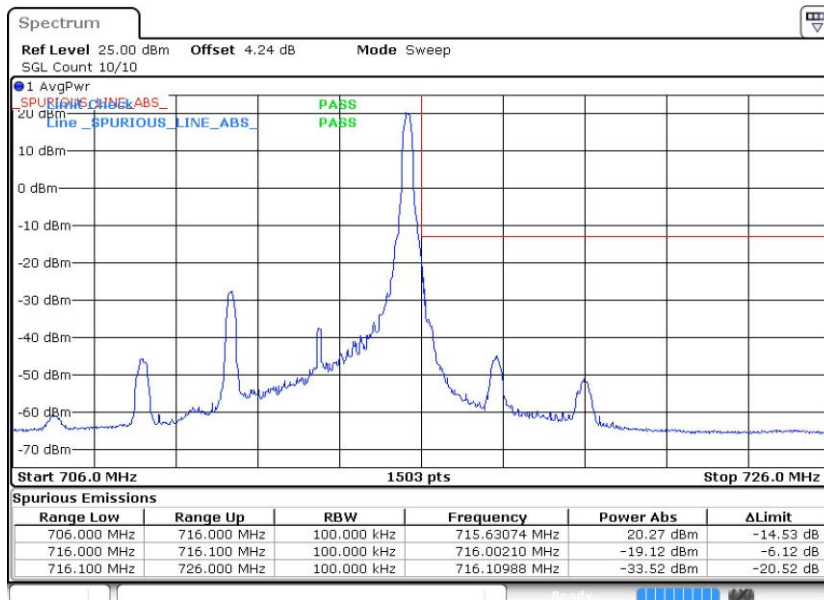
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Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23825-1RB#24



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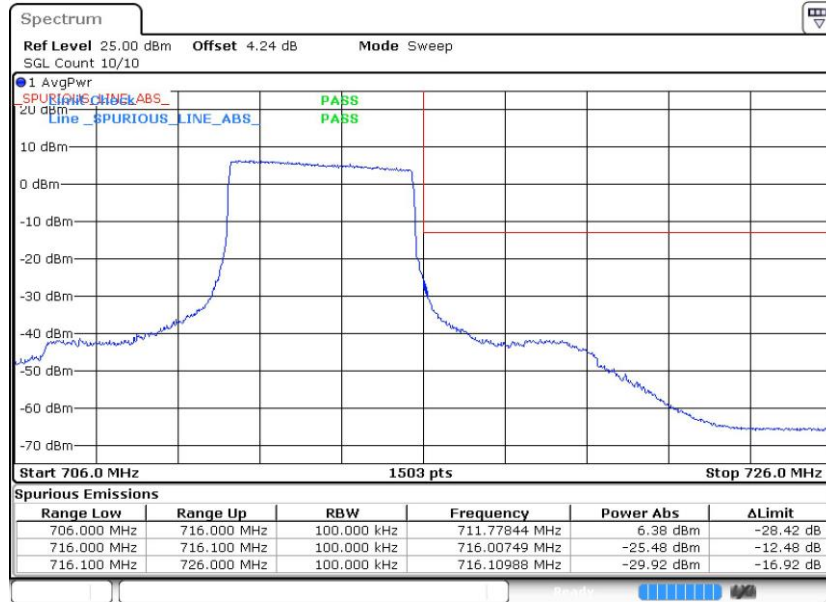
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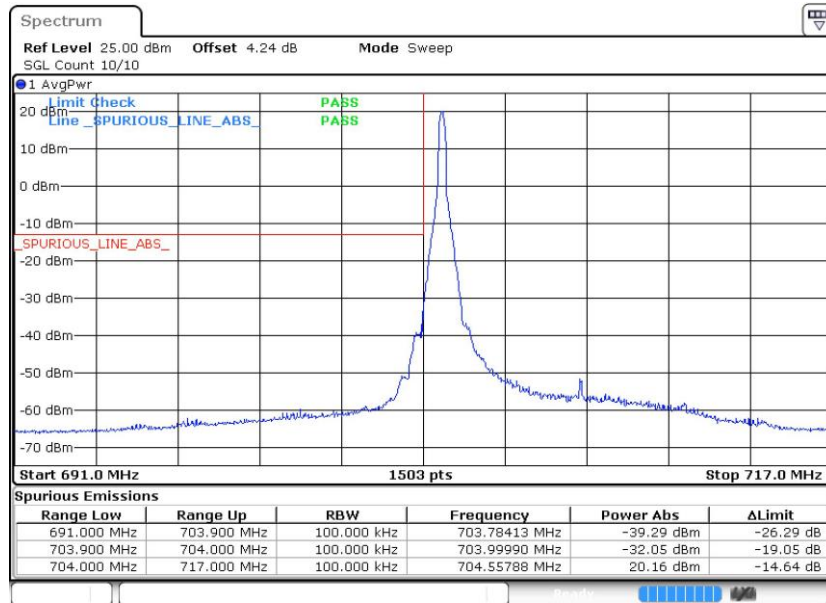
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Band17-5MHz-QPSK-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0



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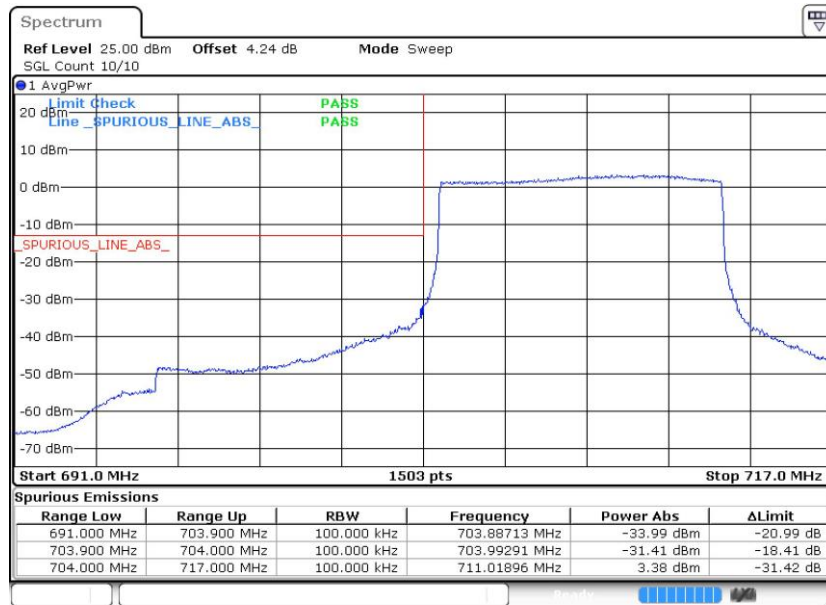
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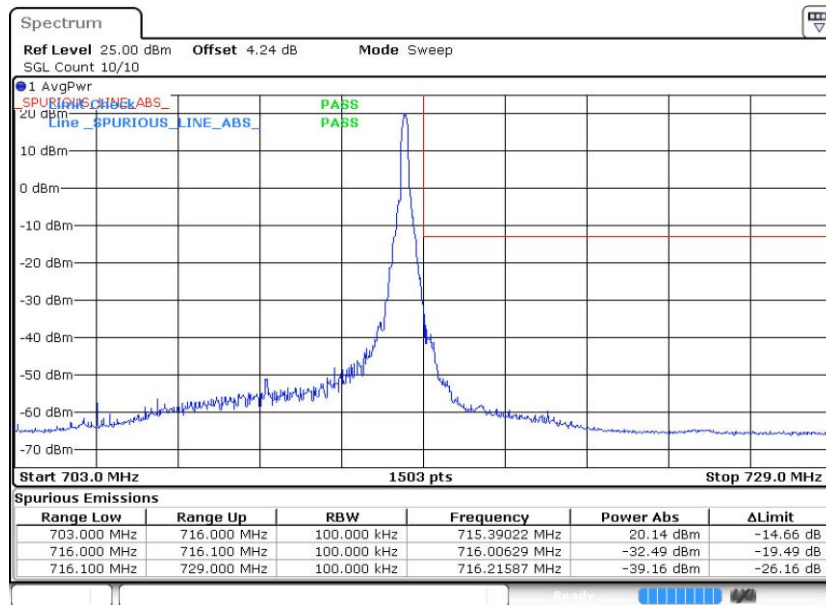
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Band17-10MHz-QPSK-23780-50RB#0



Band17-10MHz-QPSK-23800-1RB#49



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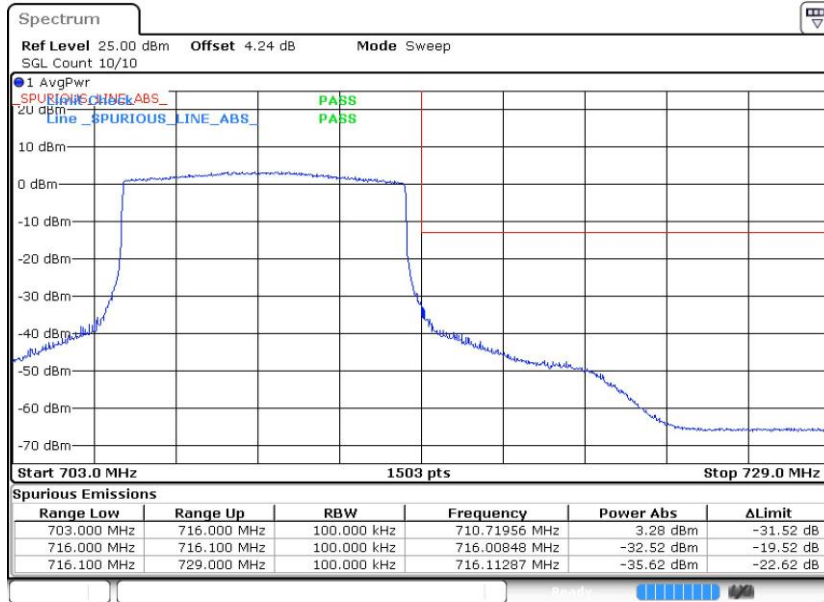
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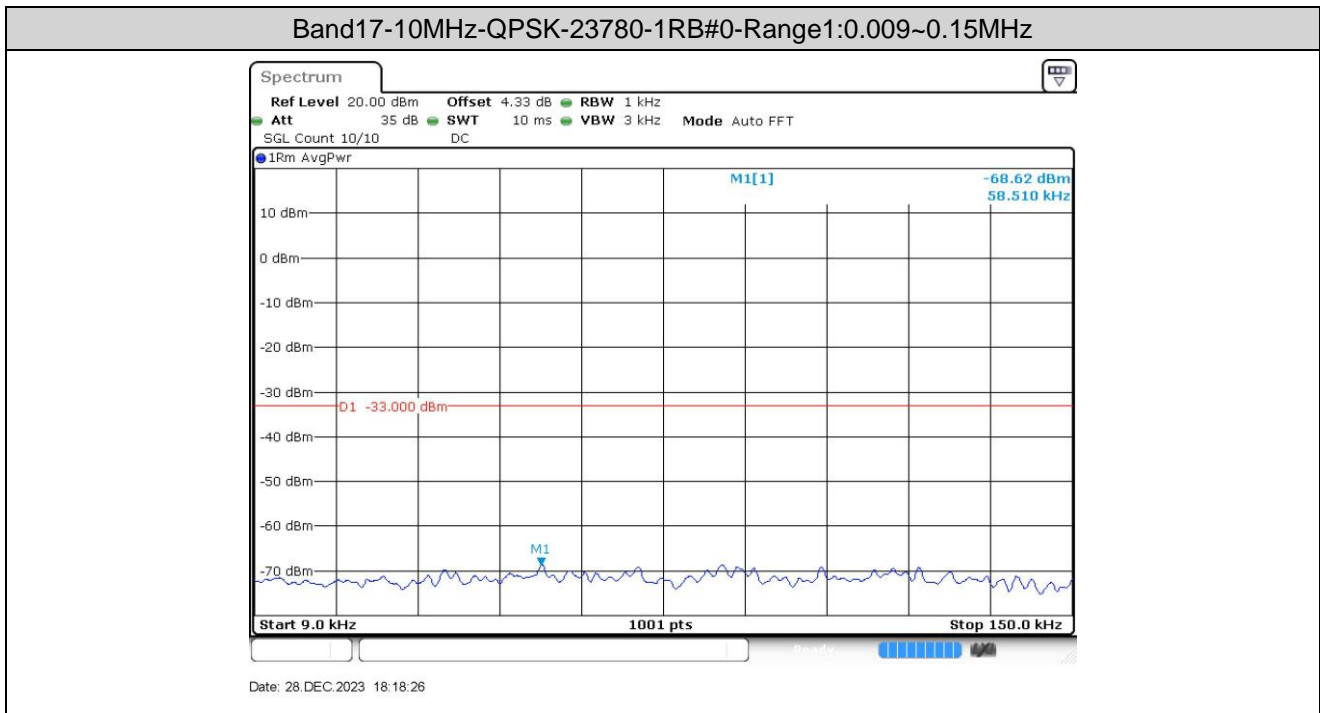


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Conducted Spurious Emission

Test Graphs



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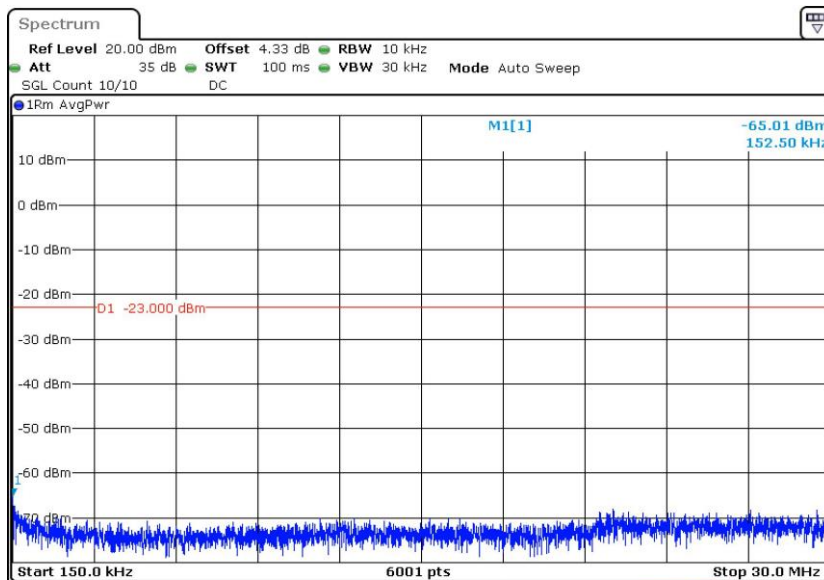
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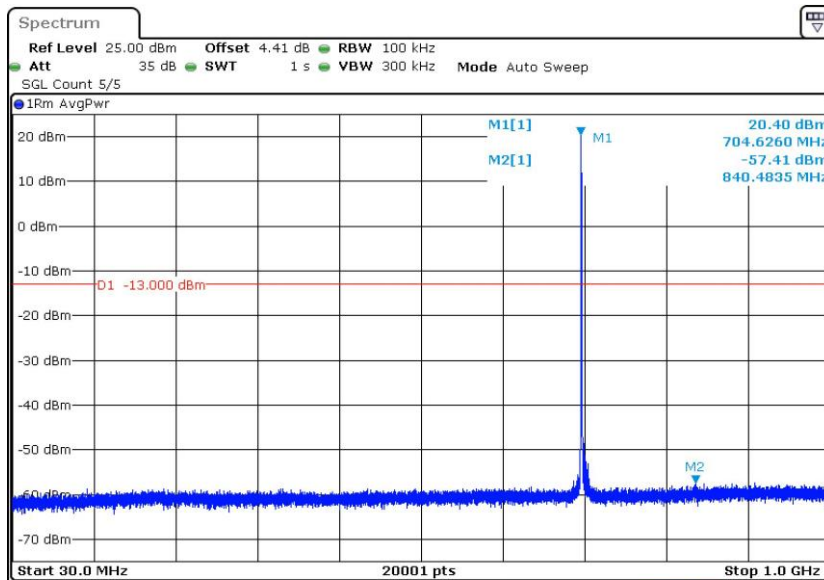
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Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



Date: 28 DEC. 2023 18:18:30

Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



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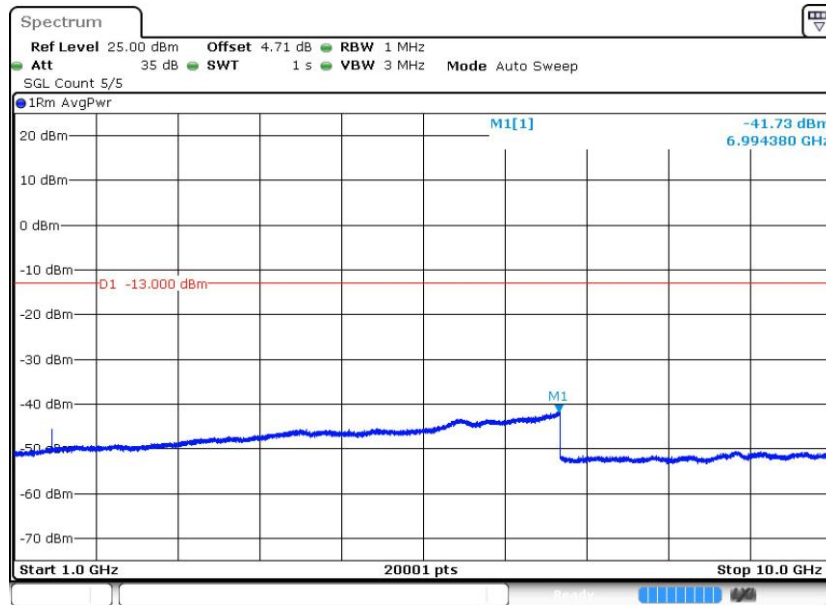
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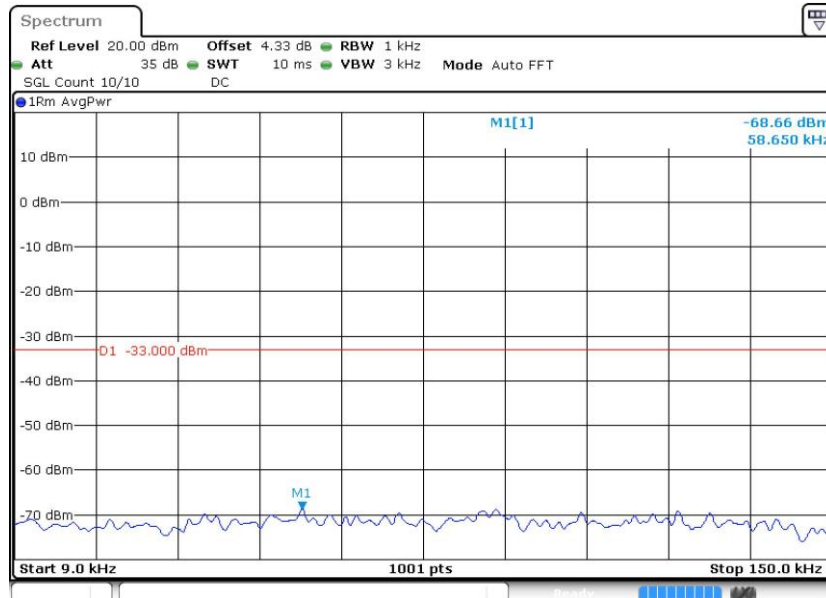
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Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



Date: 28 DEC. 2023 18:18:48

Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



Date: 28 DEC. 2023 18:19:01



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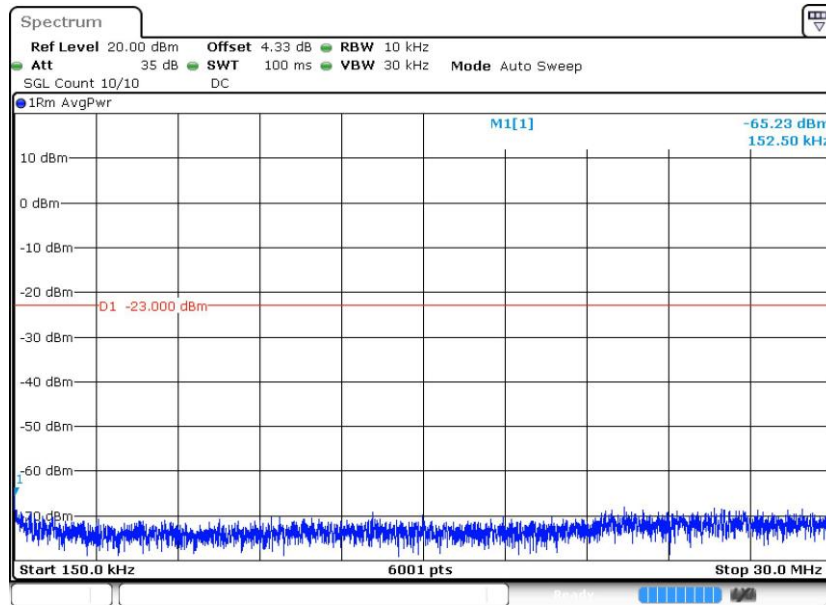
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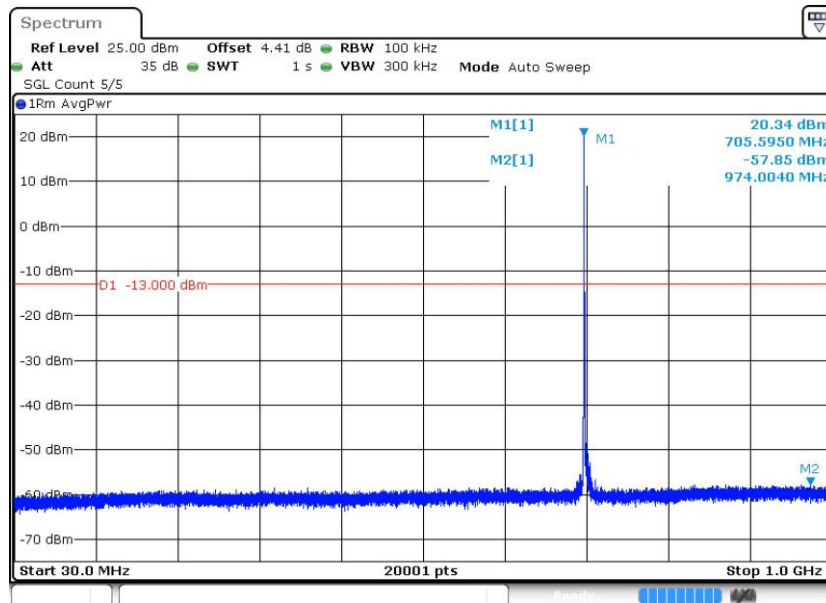
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Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



Date: 28 DEC. 2023 18:19:06

Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



Date: 28 DEC. 2023 18:19:15



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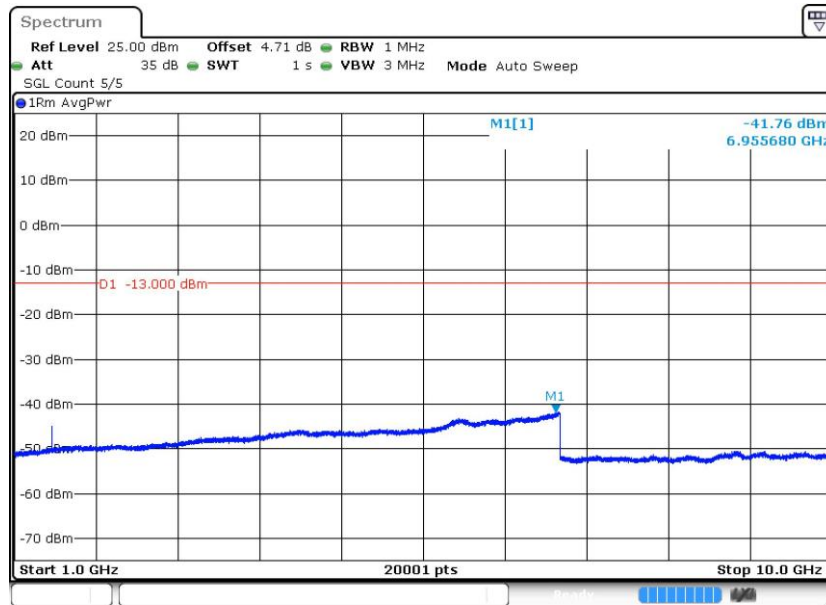
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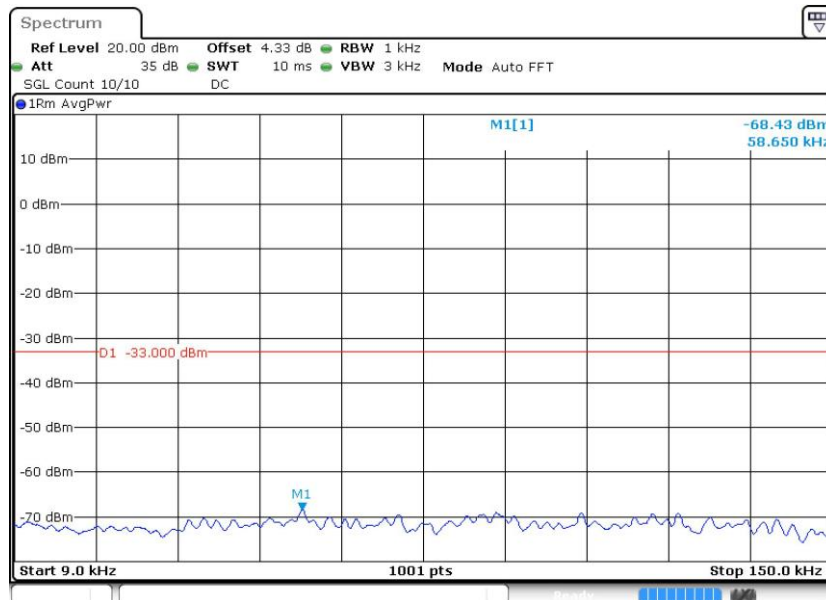
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Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



Date: 28 DEC. 2023 18:19:23

Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



Date: 28 DEC. 2023 18:19:36



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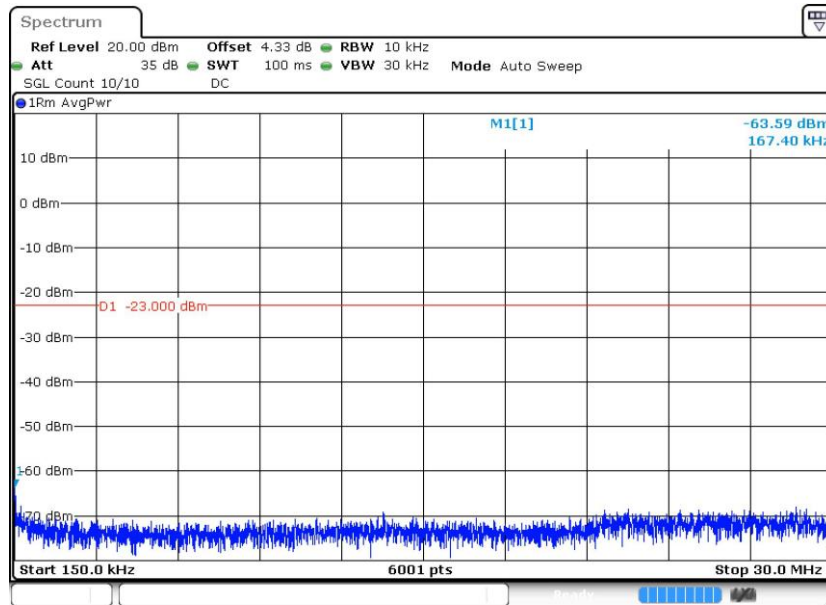
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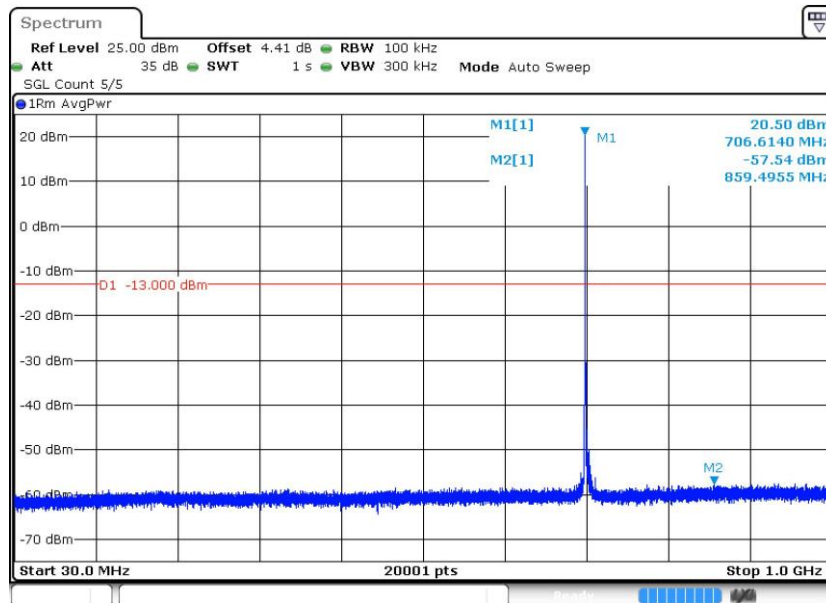
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Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



Date: 28 DEC. 2023 18:19:41

Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



Date: 28 DEC. 2023 18:19:50



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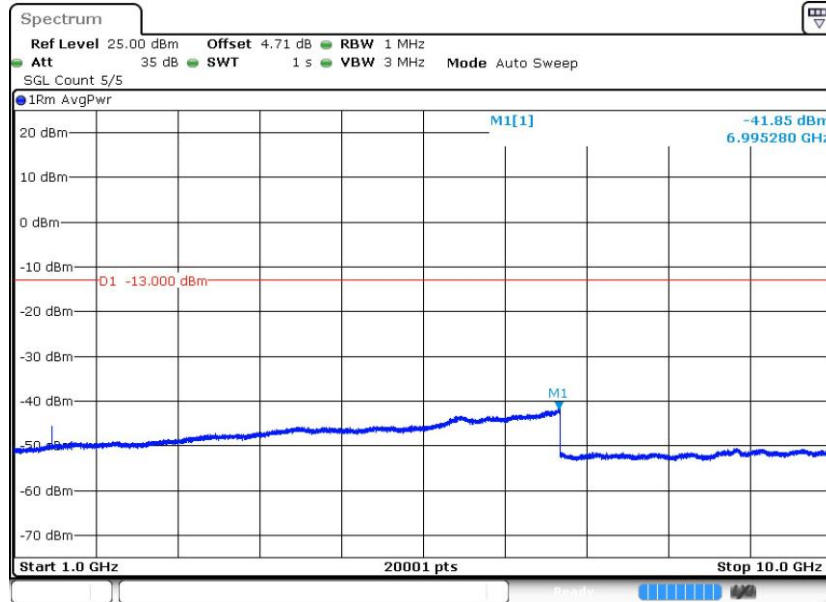
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Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



Date: 28 DEC 2023 18:19:58



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Field Strength of Spurious Radiation

Test Band = B17_ 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	1408.9	50.54	24.23	-49.11	-69.60	-13.00	56.60	Horizontal
2	2113.5000	45.87	26.47	-48.20	-71.12	-13.00	58.12	Horizontal
3	2818.0000	44.24	28.16	-47.36	-70.22	-13.00	57.22	Horizontal
4	3522.5000	44.25	28.74	-47.46	-69.73	-13.00	56.73	Horizontal
5	4227.0000	44.38	29.82	-47.11	-68.17	-13.00	55.17	Horizontal
6	4931.5000	44.44	31.24	-46.99	-66.57	-13.00	53.57	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1408.9	48.20	24.23	-49.11	-71.94	-13.00	58.94	Vertical
2	2113.5000	45.53	26.47	-48.20	-71.46	-13.00	58.46	Vertical
3	2818.0000	44.69	28.16	-47.36	-69.77	-13.00	56.77	Vertical
4	3522.5000	44.07	28.74	-47.46	-69.91	-13.00	56.91	Vertical
5	4227.0000	44.20	29.82	-47.11	-68.35	-13.00	55.35	Vertical
6	4931.5000	44.37	31.24	-46.99	-66.64	-13.00	53.64	Vertical



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Test Band = B17_ 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	1411.25	50.58	24.23	-49.11	-69.56	-13.00	56.56	Horizontal
2	2116.5000	46.03	26.48	-48.21	-70.96	-13.00	57.96	Horizontal
3	2822.0000	44.15	28.17	-47.38	-70.32	-13.00	57.32	Horizontal
4	3527.5000	44.60	28.74	-47.48	-69.40	-13.00	56.40	Horizontal
5	4233.0000	44.20	29.83	-47.11	-68.34	-13.00	55.34	Horizontal
6	4938.5000	44.08	31.25	-46.99	-66.92	-13.00	53.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.25	49.16	24.23	-49.11	-70.98	-13.00	57.98	Vertical
2	2116.5000	46.15	26.48	-48.21	-70.84	-13.00	57.84	Vertical
3	2822.0000	44.56	28.17	-47.38	-69.91	-13.00	56.91	Vertical
4	3527.5000	44.71	28.74	-47.48	-69.29	-13.00	56.29	Vertical
5	4233.0000	44.75	29.83	-47.11	-67.79	-13.00	54.79	Vertical
6	4938.5000	44.07	31.25	-46.99	-66.93	-13.00	53.93	Vertical



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Test Band = B17_ 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	1413.0125	50.68	24.24	-49.11	-69.45	-13.00	56.45	Horizontal
2	2119.5000	46.73	26.49	-48.22	-70.26	-13.00	57.26	Horizontal
3	2826.0000	44.82	28.18	-47.39	-69.65	-13.00	56.65	Horizontal
4	3532.5000	44.59	28.75	-47.50	-69.42	-13.00	56.42	Horizontal
5	4239.0000	44.77	29.84	-47.10	-67.75	-13.00	54.75	Horizontal
6	4945.5000	44.10	31.27	-46.98	-66.87	-13.00	53.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.0125	49.19	24.24	-49.11	-70.94	-13.00	57.94	Vertical
2	2119.5000	46.81	26.49	-48.22	-70.18	-13.00	57.18	Vertical
3	2826.0000	45.08	28.18	-47.39	-69.39	-13.00	56.39	Vertical
4	3532.5000	44.42	28.75	-47.50	-69.59	-13.00	56.59	Vertical
5	4239.0000	44.62	29.84	-47.10	-67.90	-13.00	54.90	Vertical
6	4945.5000	44.61	31.27	-46.98	-66.36	-13.00	53.36	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
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-0.30	-0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	0.00	0.000000	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-0.50	-0.000704	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.40	0.000563	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	0.10	0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.00	-0.001408	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.10	-0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	0.20	0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	0.80	0.001127	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-0.20	-0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	1.40	0.001972	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.10	0.001549	PASS

---End of Attachment---



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