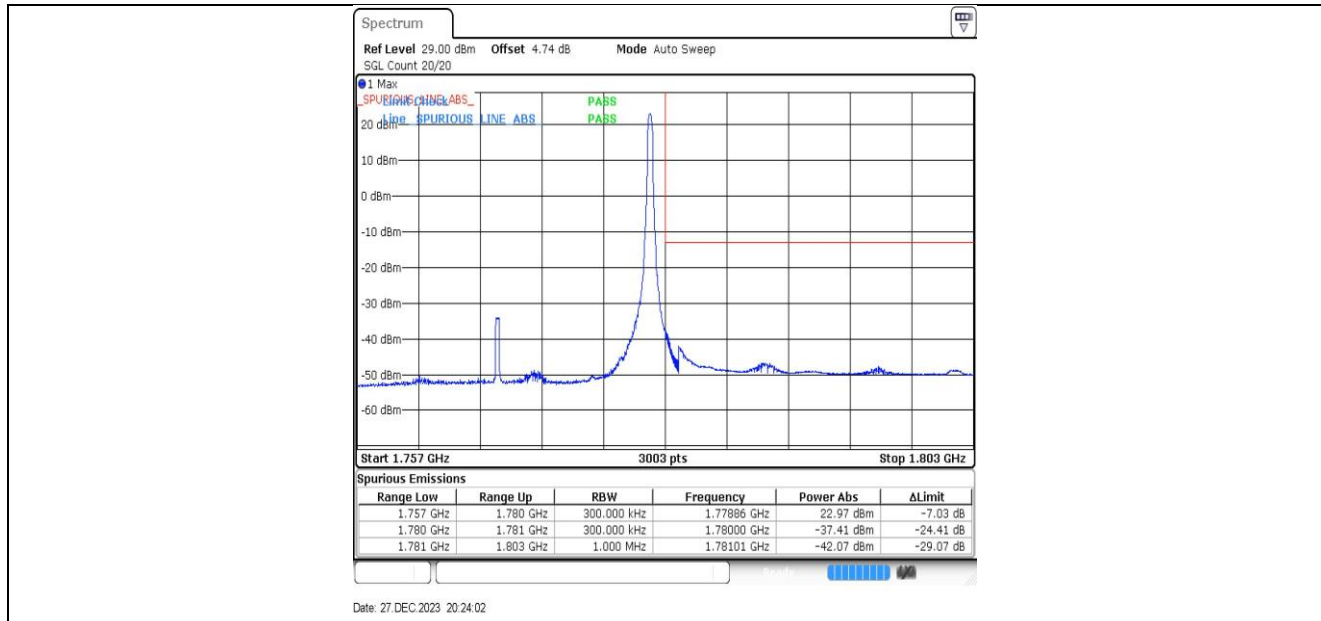


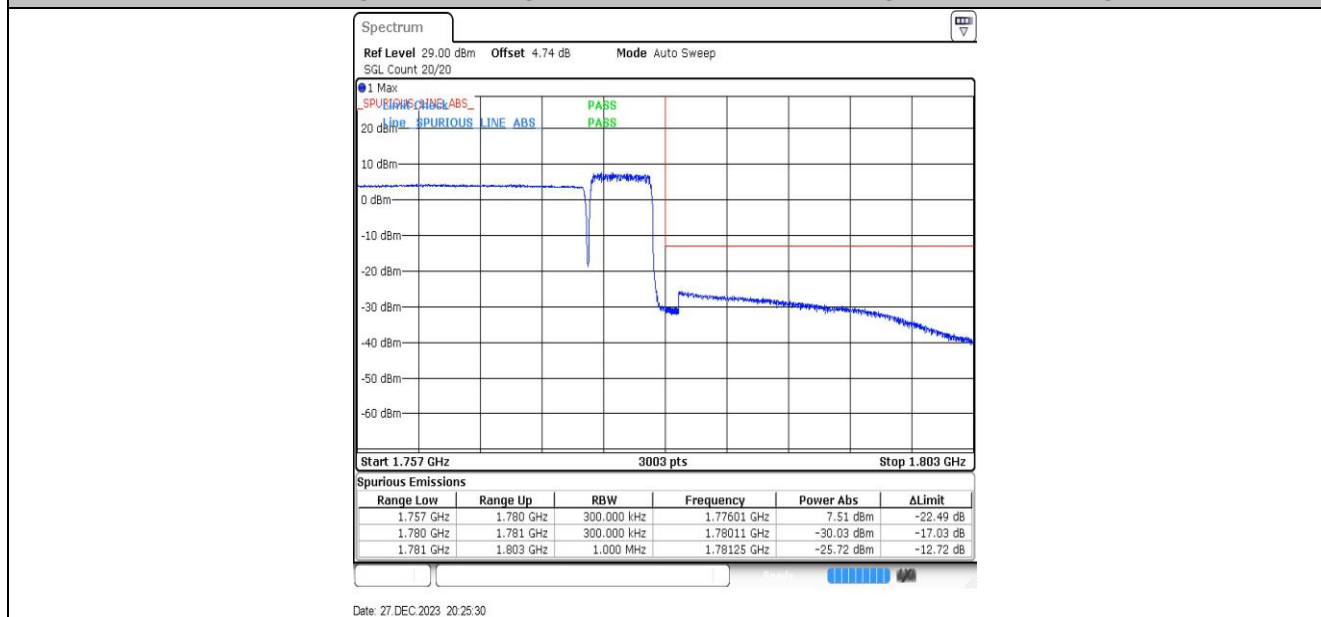


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 103 of 122



20MHz-5MHz_QPSK@QPSK-QPSK@QPSK_132522-132639_0RB#0@100RB#0-1RB#24@25RB#0



20MHz-5MHz_QPSK@QPSK-QPSK@QPSK_132522-132639_100RB#0@100RB#0-25RB#0@25RB#0



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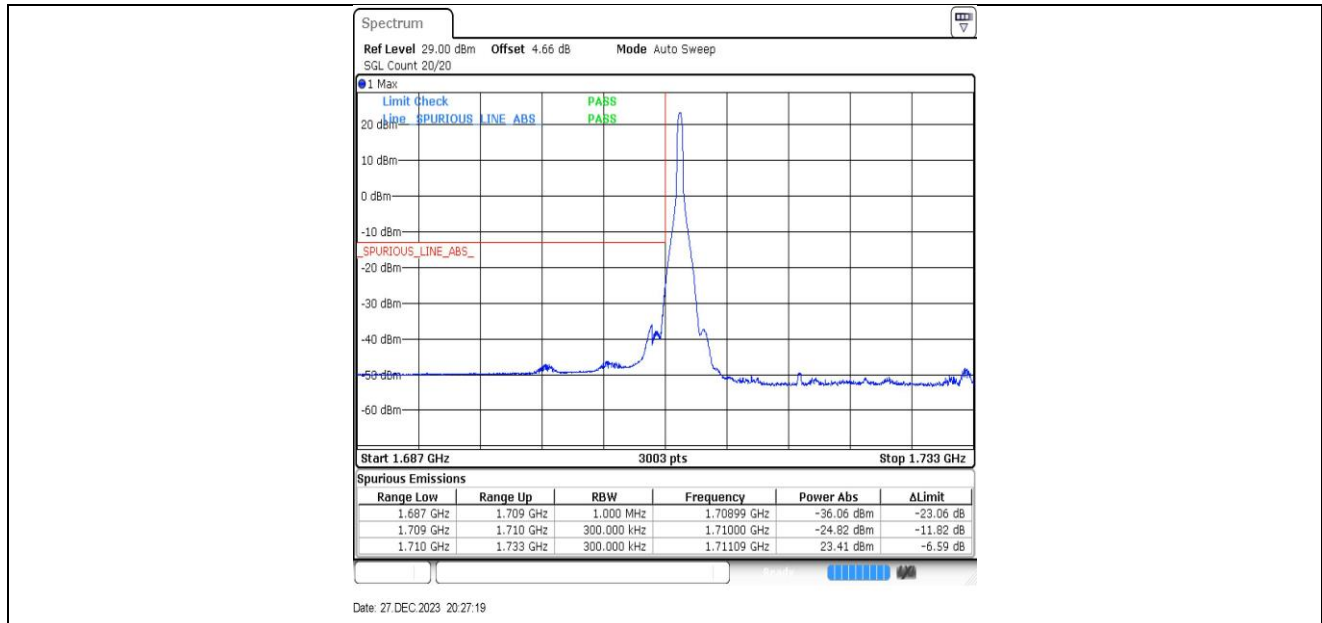
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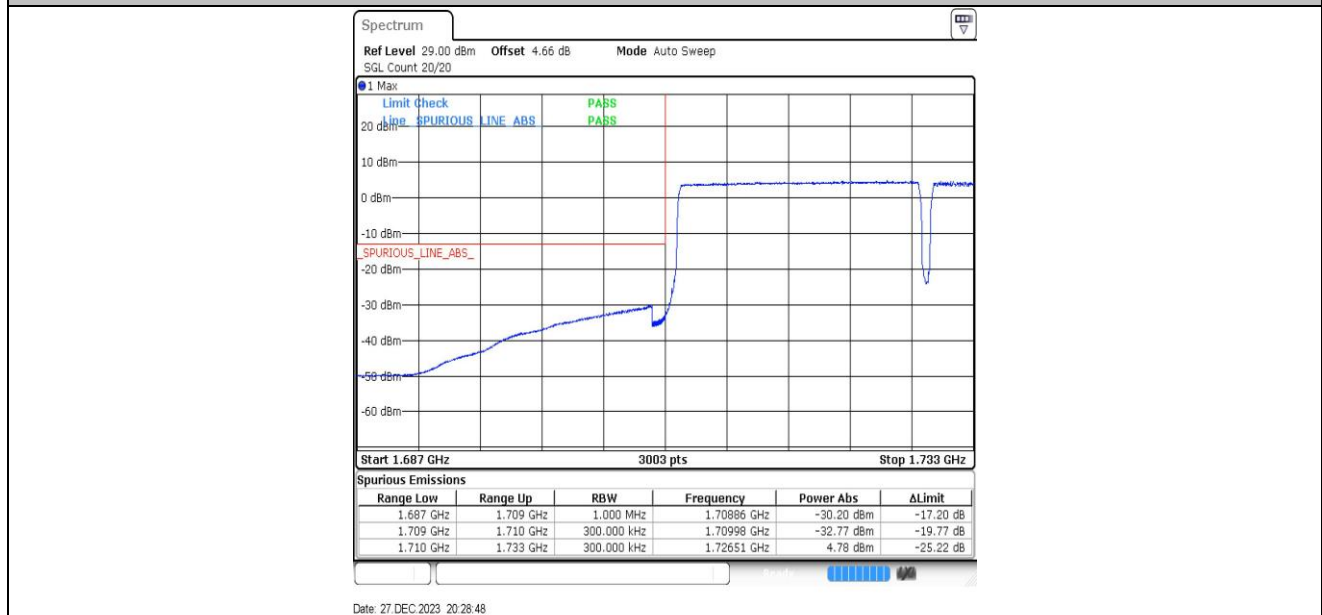


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 104 of 122



20MHz-10MHz_QPSK@QPSK-QPSK@QPSK_132072-132216_1RB#0@100RB#0-0RB#0@50RB#0



20MHz-10MHz_QPSK@QPSK-QPSK@QPSK_132072-132216_100RB#0@100RB#0-50RB#0@50RB#0



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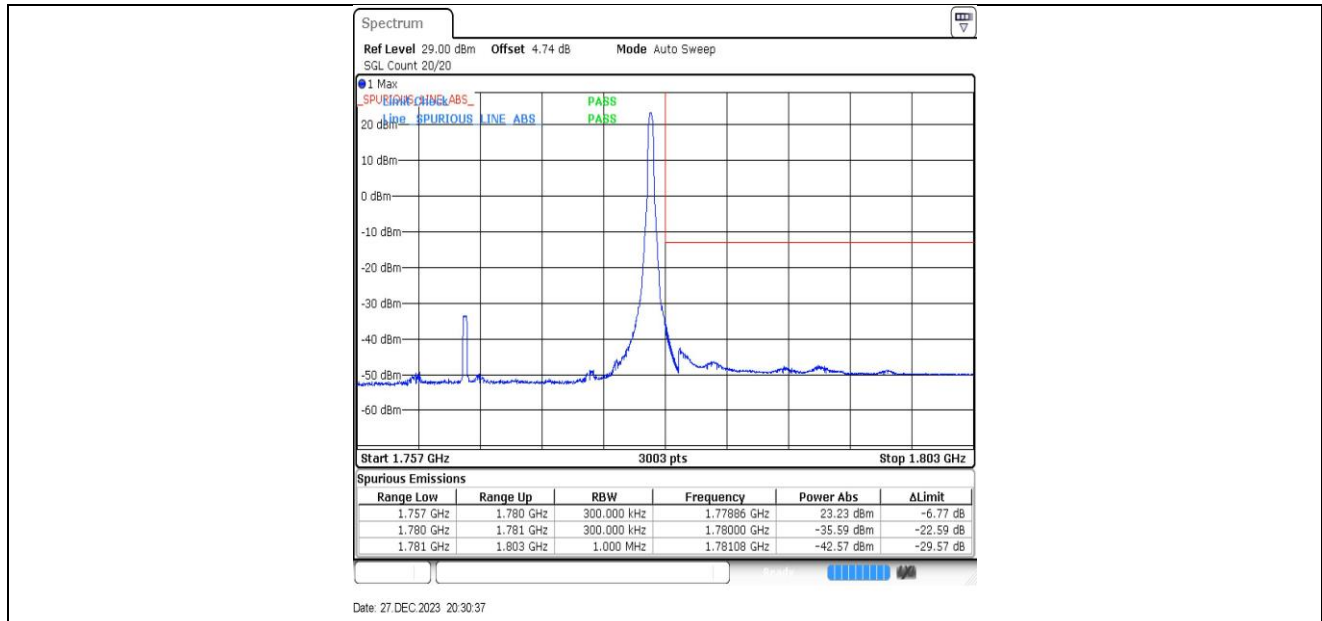
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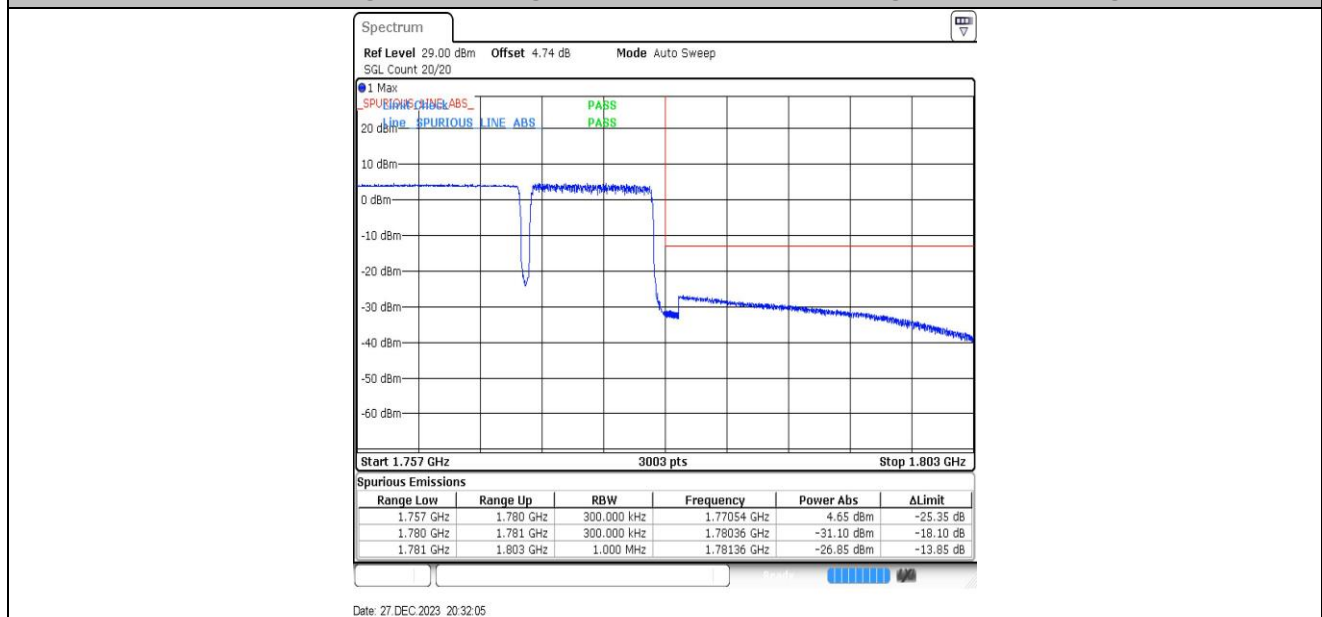


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 105 of 122



20MHz-10MHz_QPSK@QPSK-QPSK@QPSK_132473-132617_0RB#0@100RB#0-1RB#49@50RB#0



20MHz-10MHz_QPSK@QPSK-QPSK@QPSK_132473-132617_100RB#0@100RB#0-50RB#0@50RB#0



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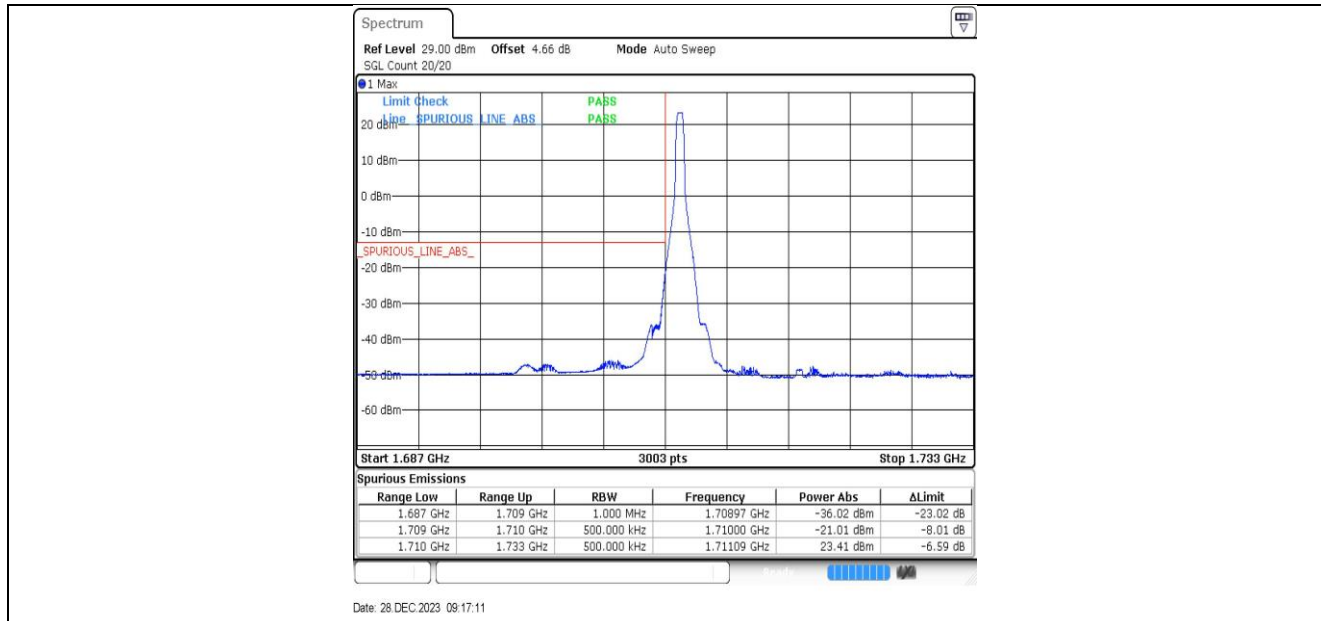
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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 106 of 122



20MHz-15MHz_QPSK@QPSK-QPSK@QPSK_132072-132243_1RB#0@100RB#0-0RB#0@75RB#0



20MHz-15MHz_QPSK@QPSK-QPSK@QPSK_132072-132243_100RB#0@100RB#0-75RB#0@75RB#0



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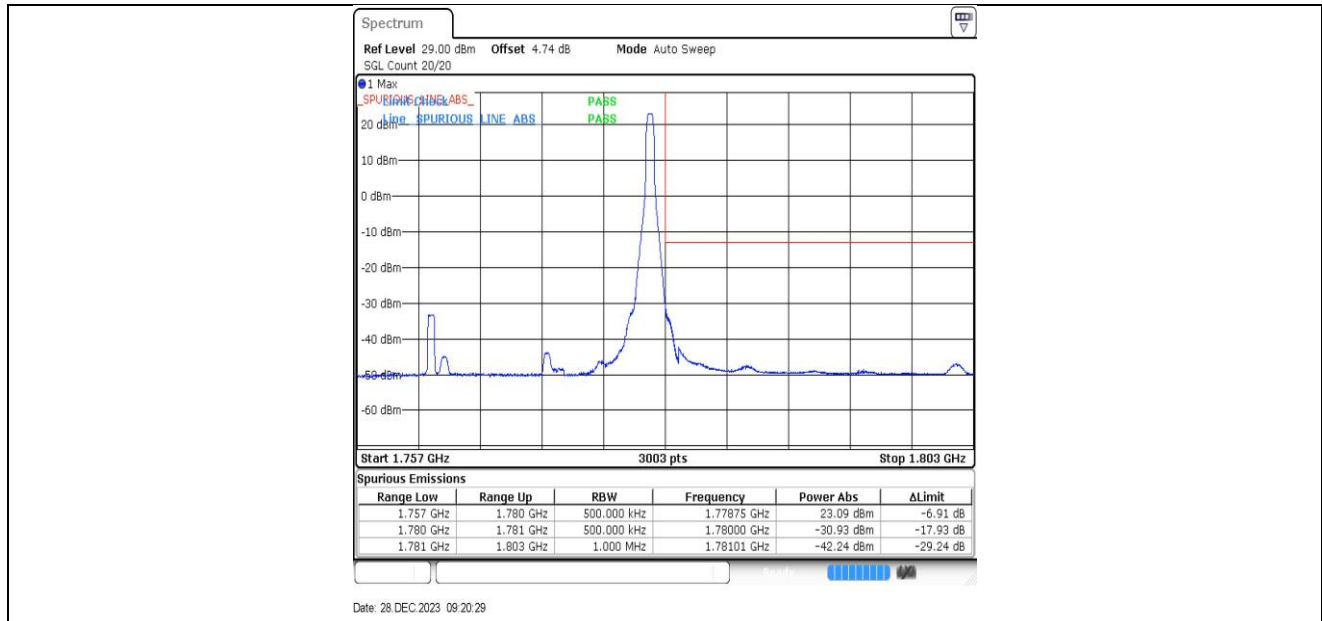
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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 107 of 122



20MHz-15MHz_QPSK@QPSK-QPSK@QPSK_132423-132594_0RB#0@100RB#0-1RB#74@75RB#0



20MHz-15MHz_QPSK@QPSK-QPSK@QPSK_132423-132594_100RB#0@100RB#0-75RB#0@75RB#0



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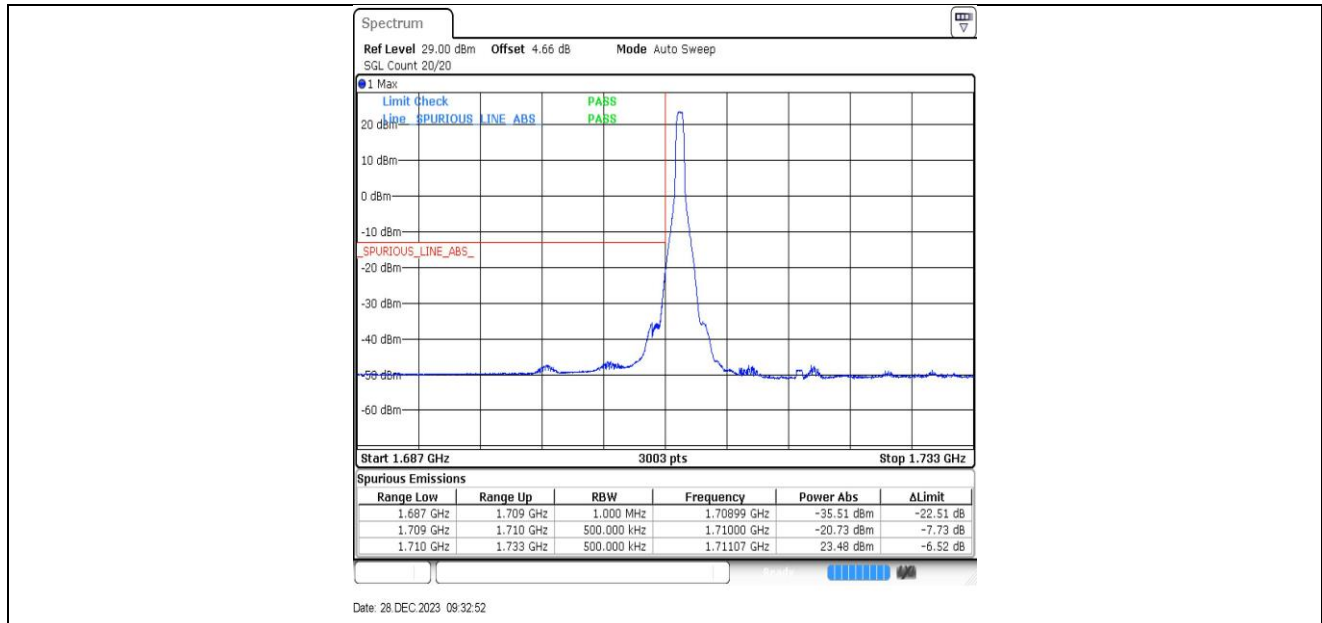
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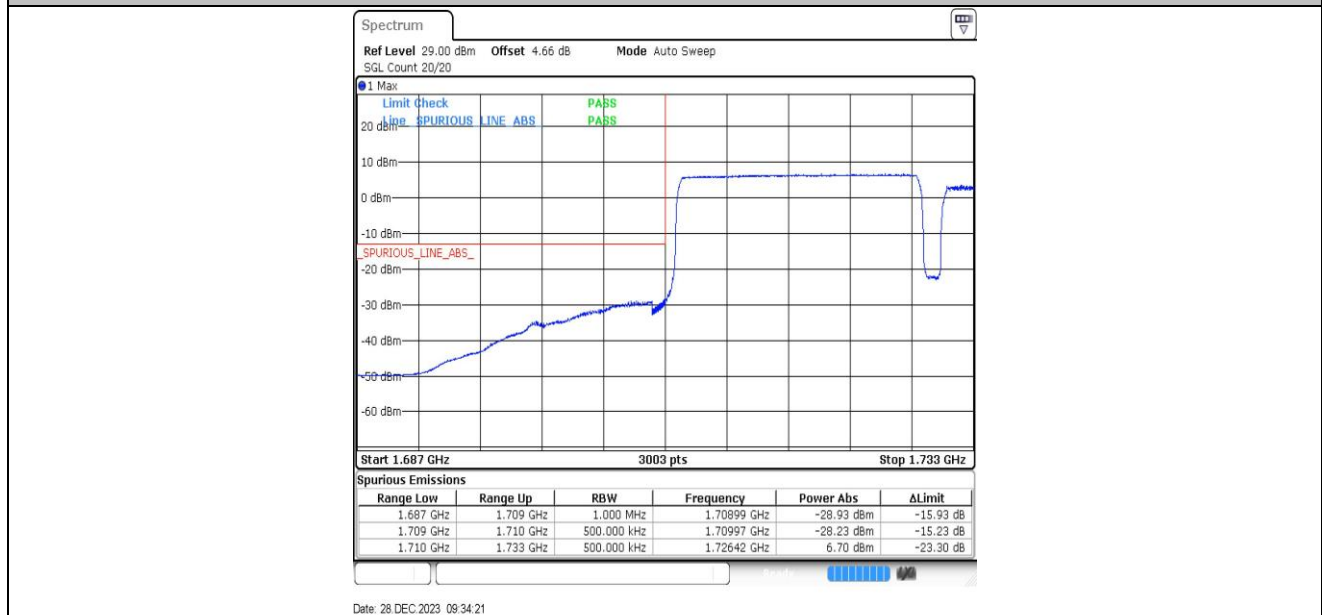


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 108 of 122



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_132072-132270_1RB#0@100RB#0-0RB#0@100RB#0



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_132072-132270_100RB#0@100RB#0-100RB#0@100RB#0



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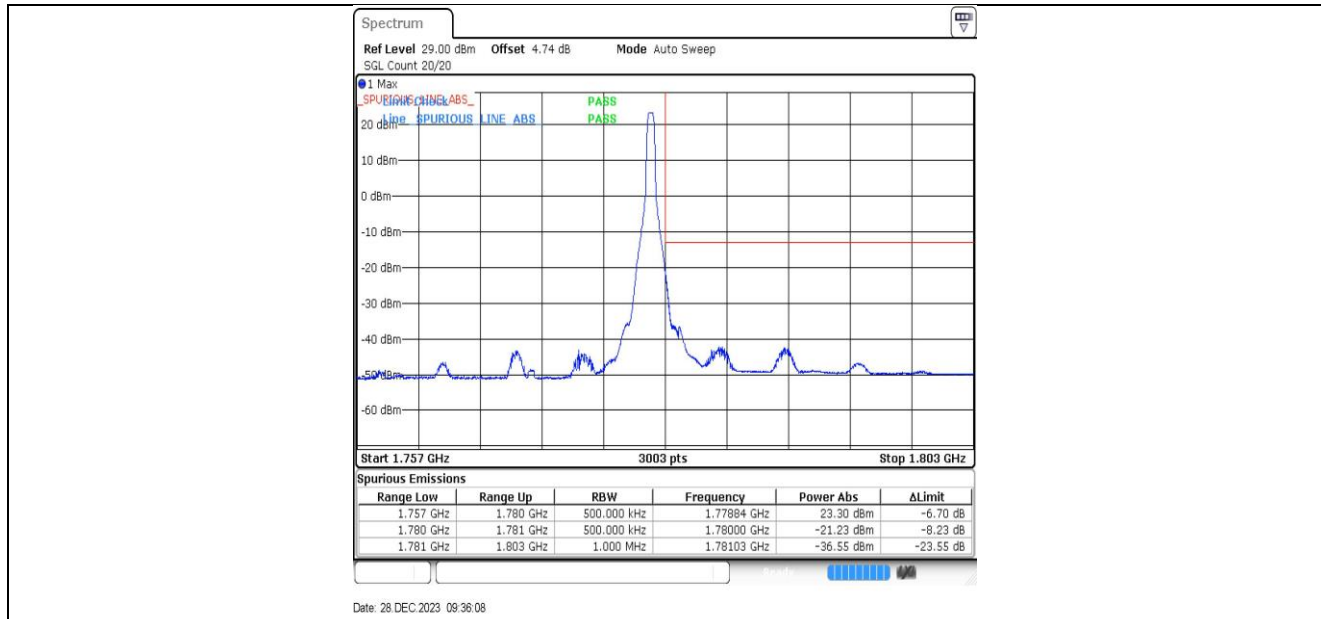
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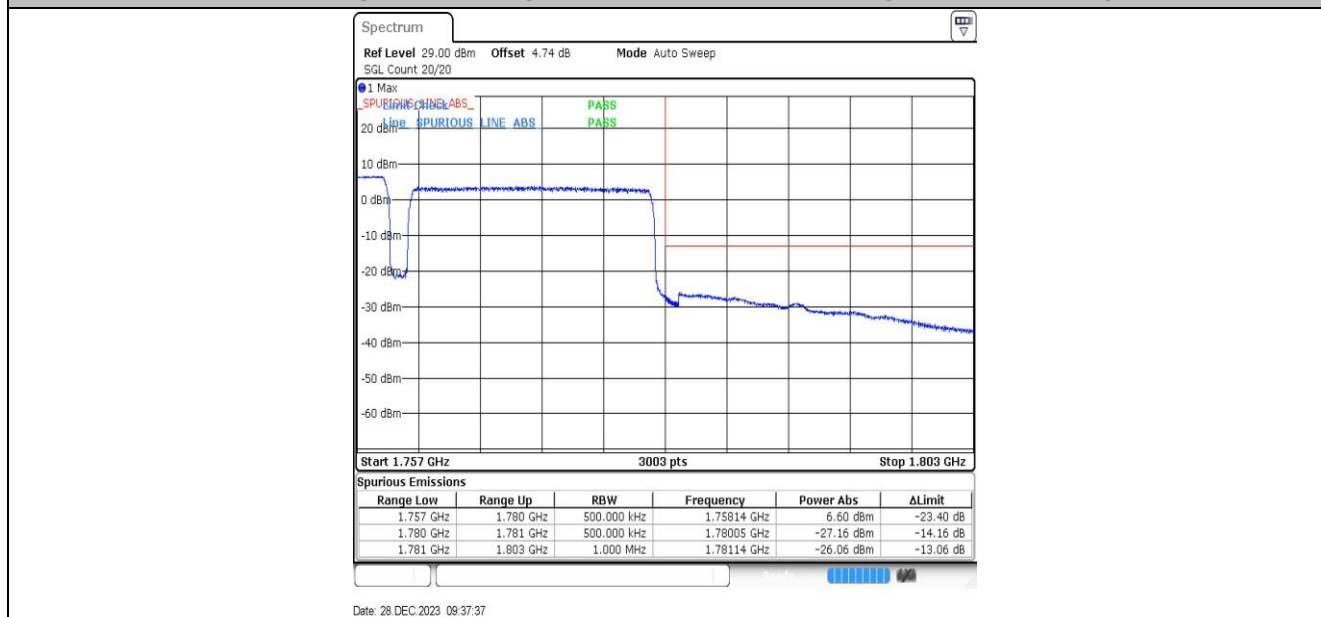


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 109 of 122



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_132374-132572_0RB#0@100RB#0-1RB#99@100RB#0



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_132374-132572_100RB#0@100RB#0-100RB#0@100RB#0



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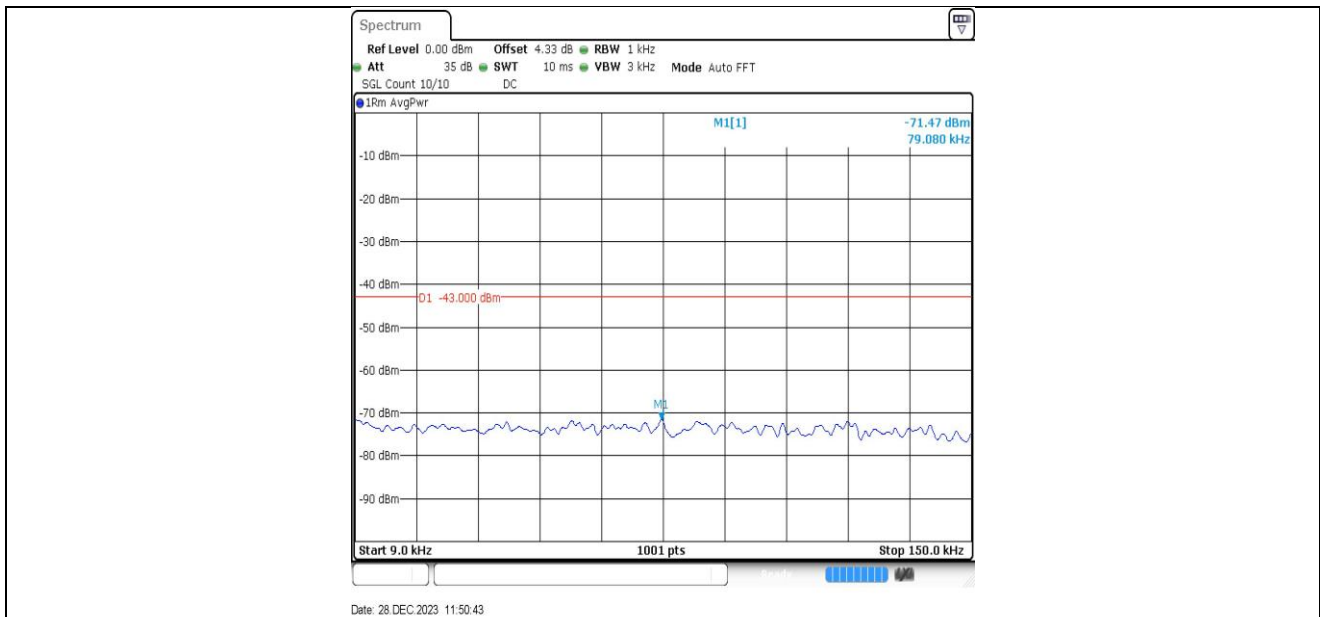


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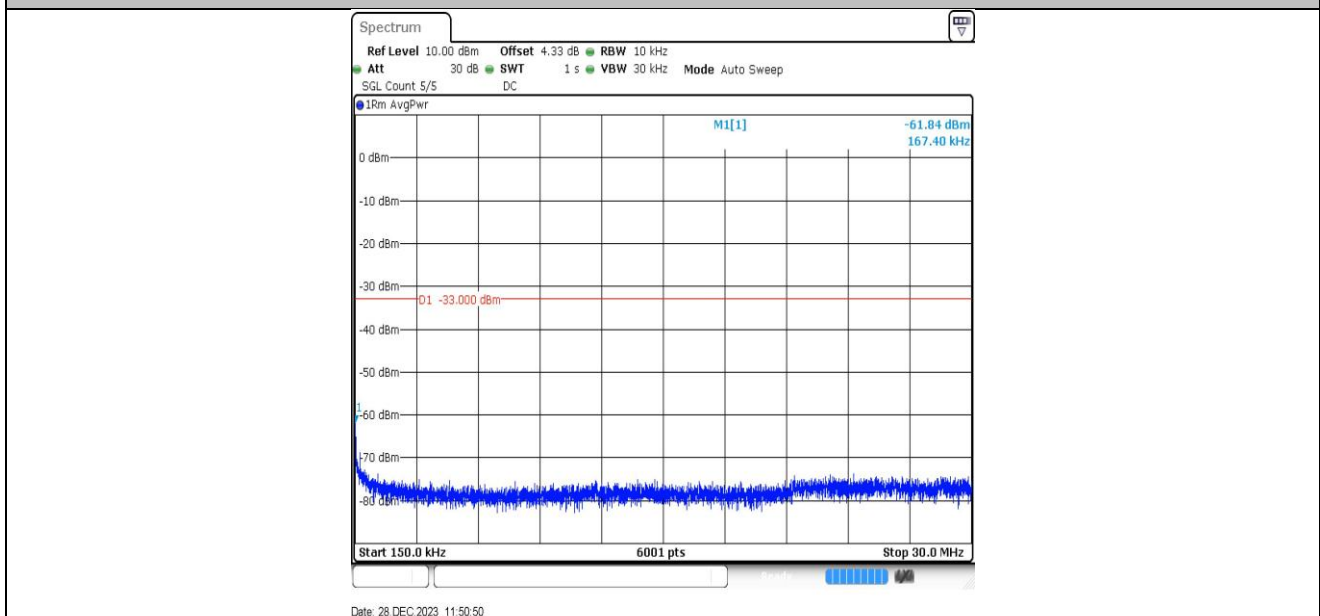
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Rev.: 01
Page: 110 of 122

Conducted Spurious Emission

Test Graphs



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.009~0.15MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.15~30MHz-PASS



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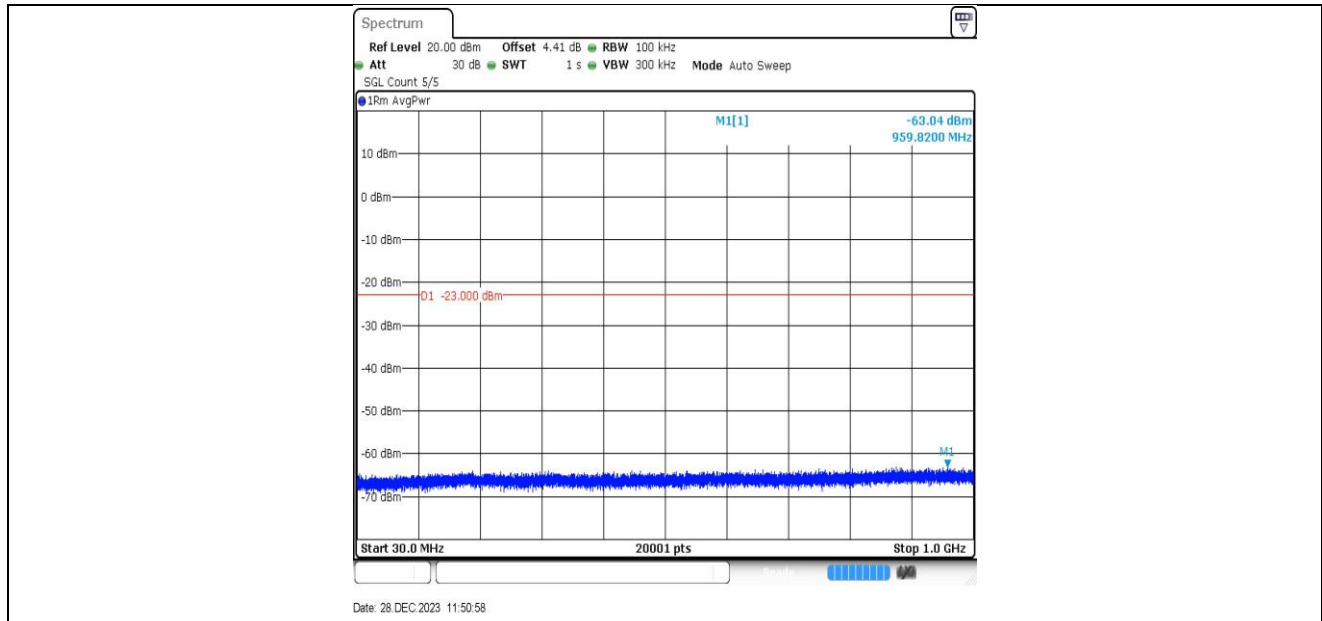
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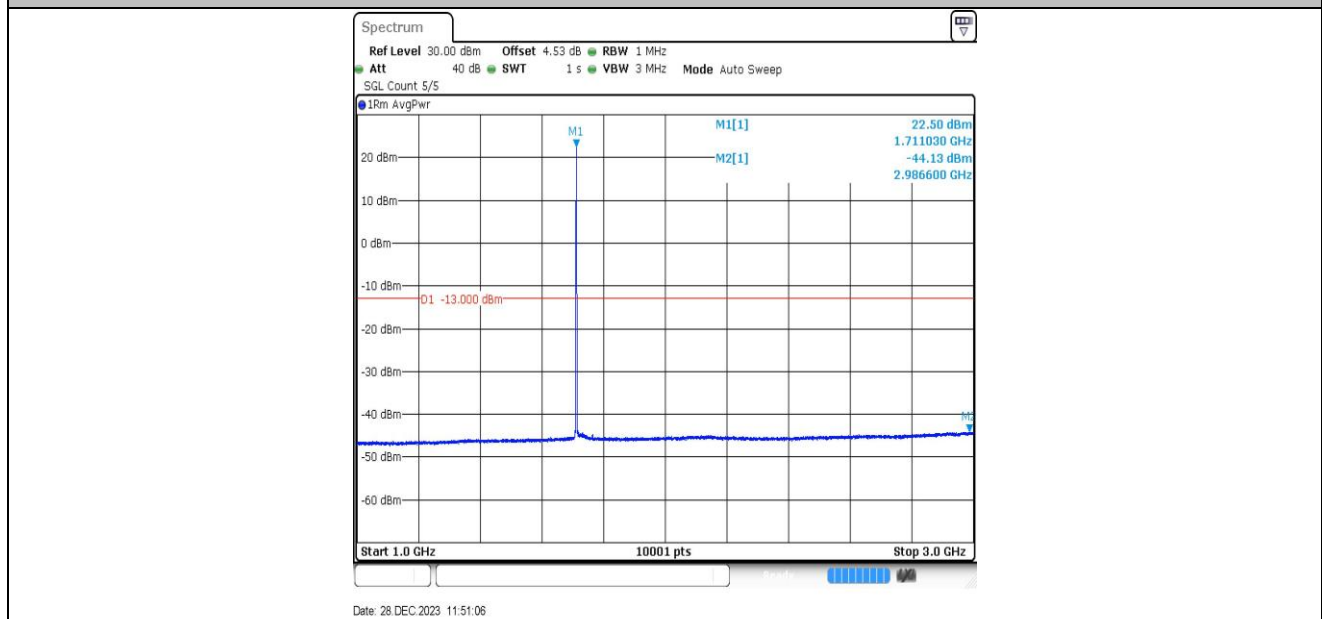


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 111 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-30~1000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-1000~3000MHz-PASS



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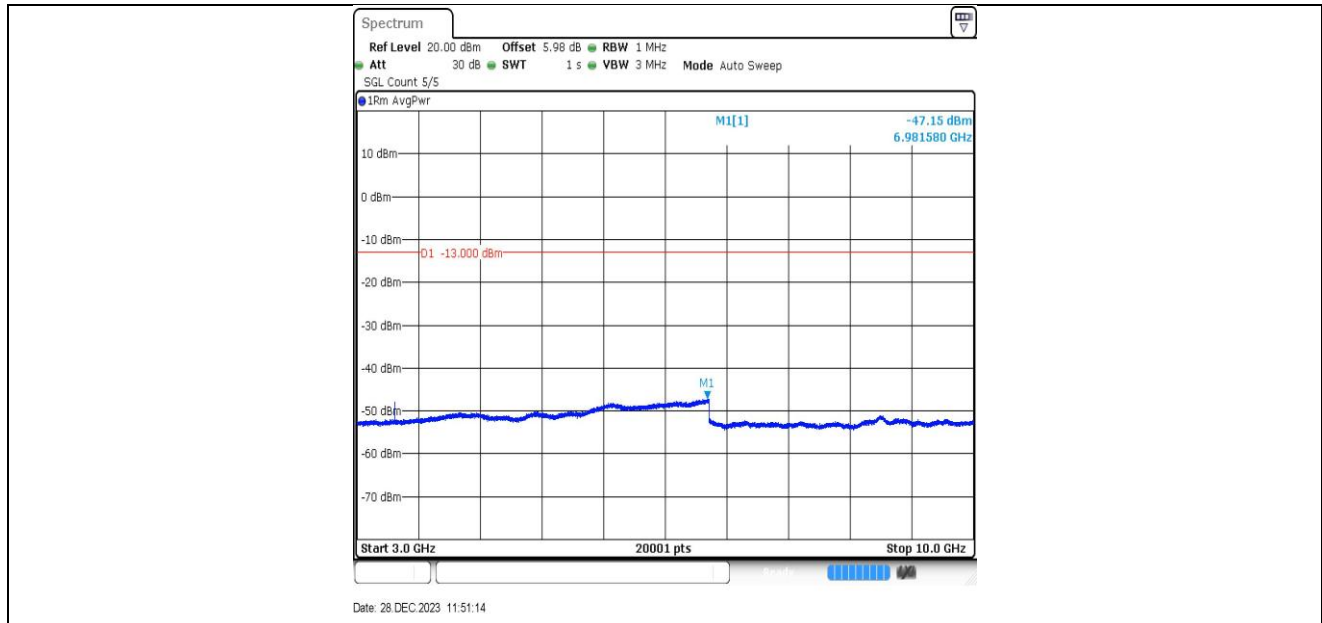
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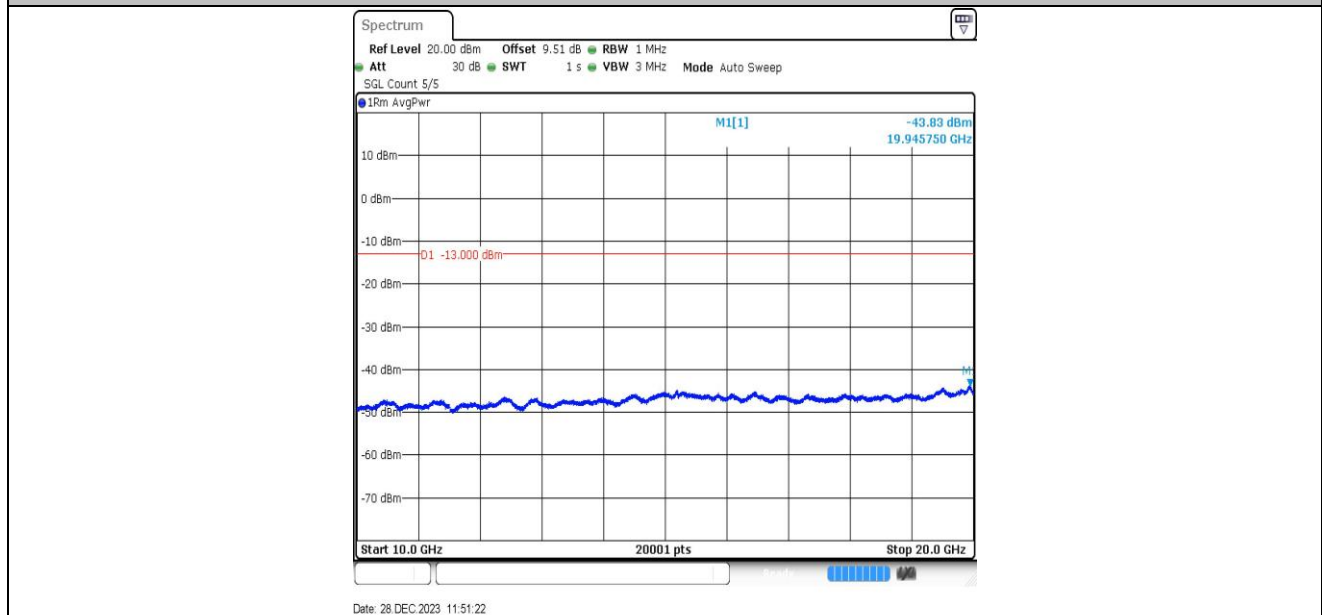


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 112 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-3000~10000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-10000~20000MHz-PASS



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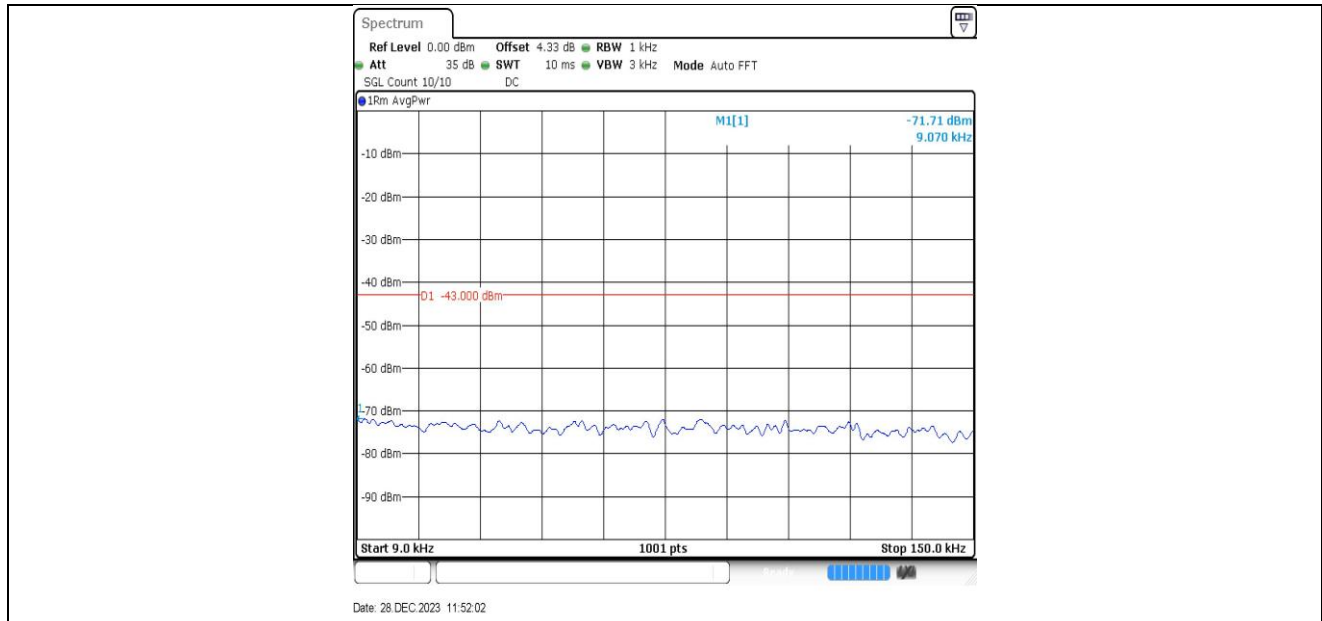
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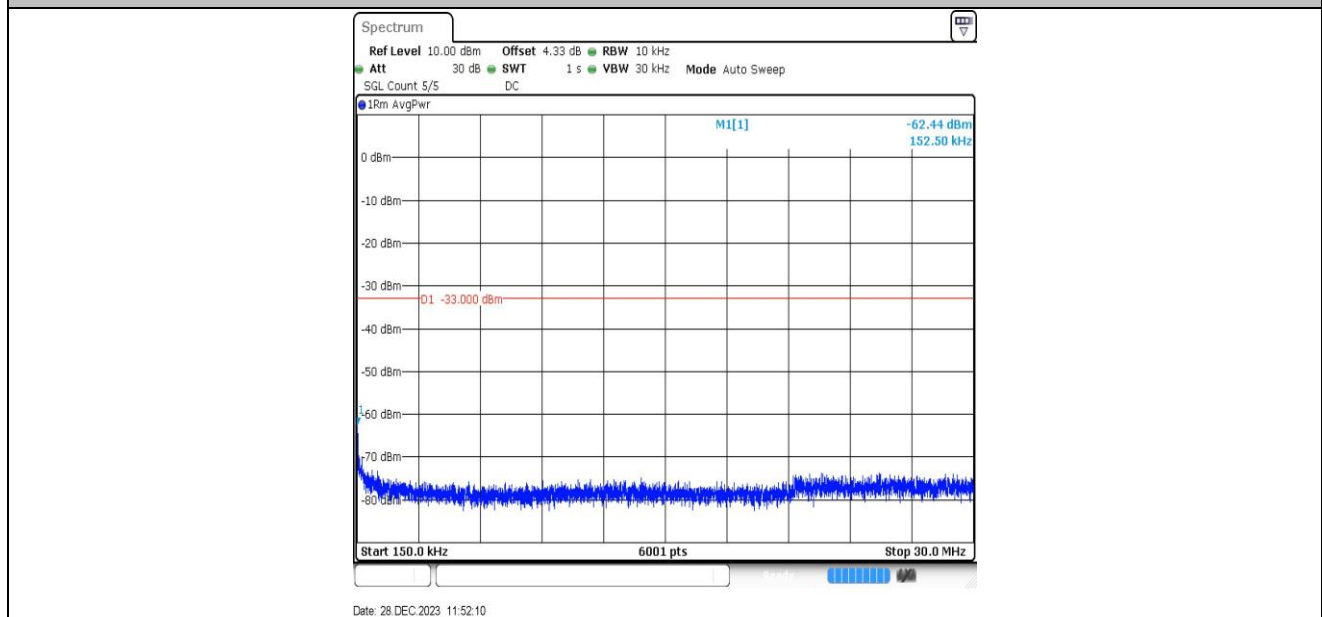


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 113 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.009~0.15MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.15~30MHz-PASS



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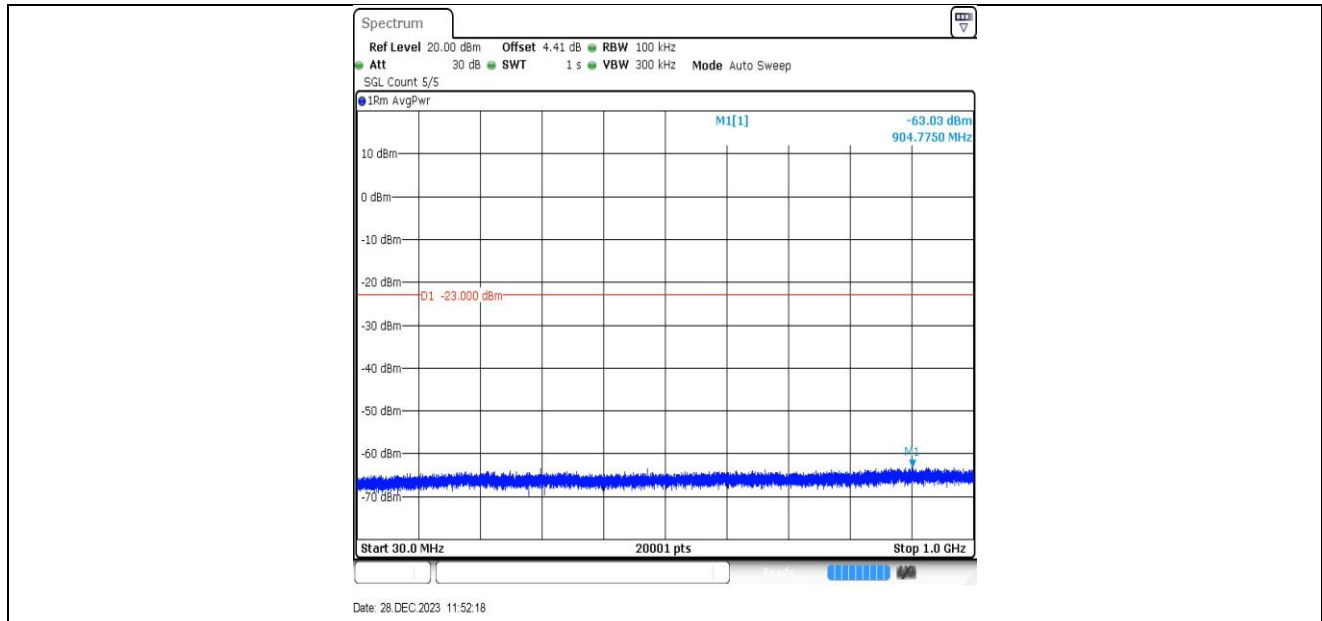
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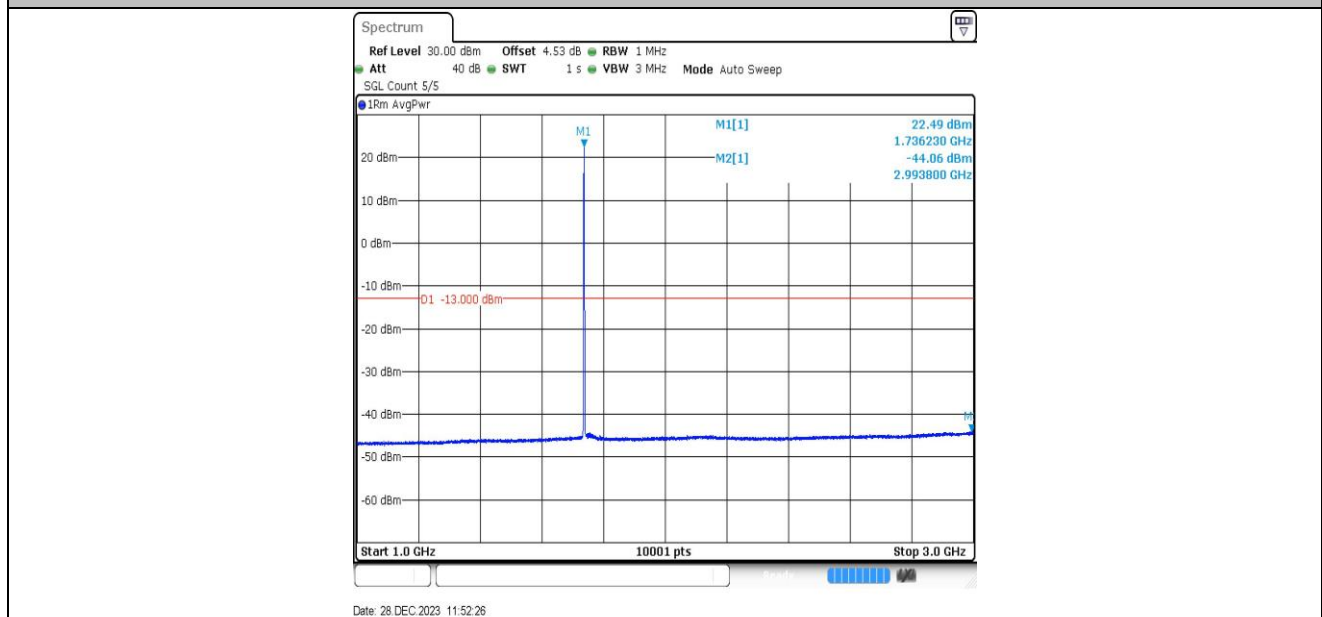


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 114 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-30~1000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-1000~3000MHz-PASS



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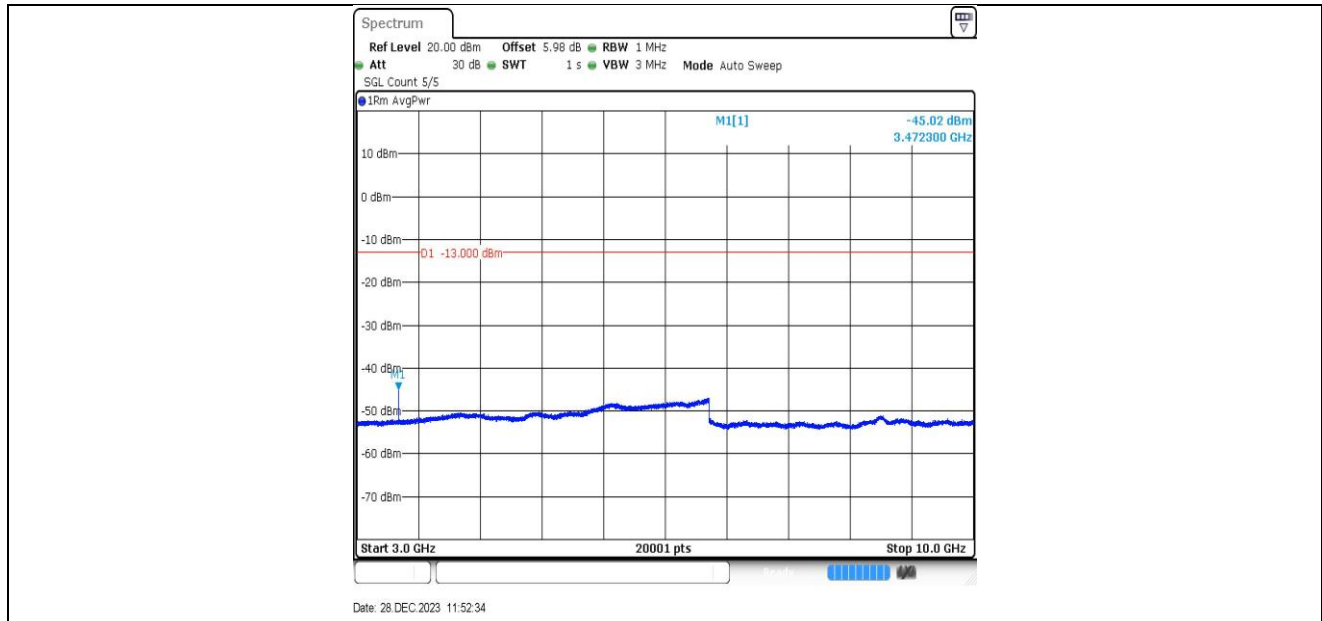
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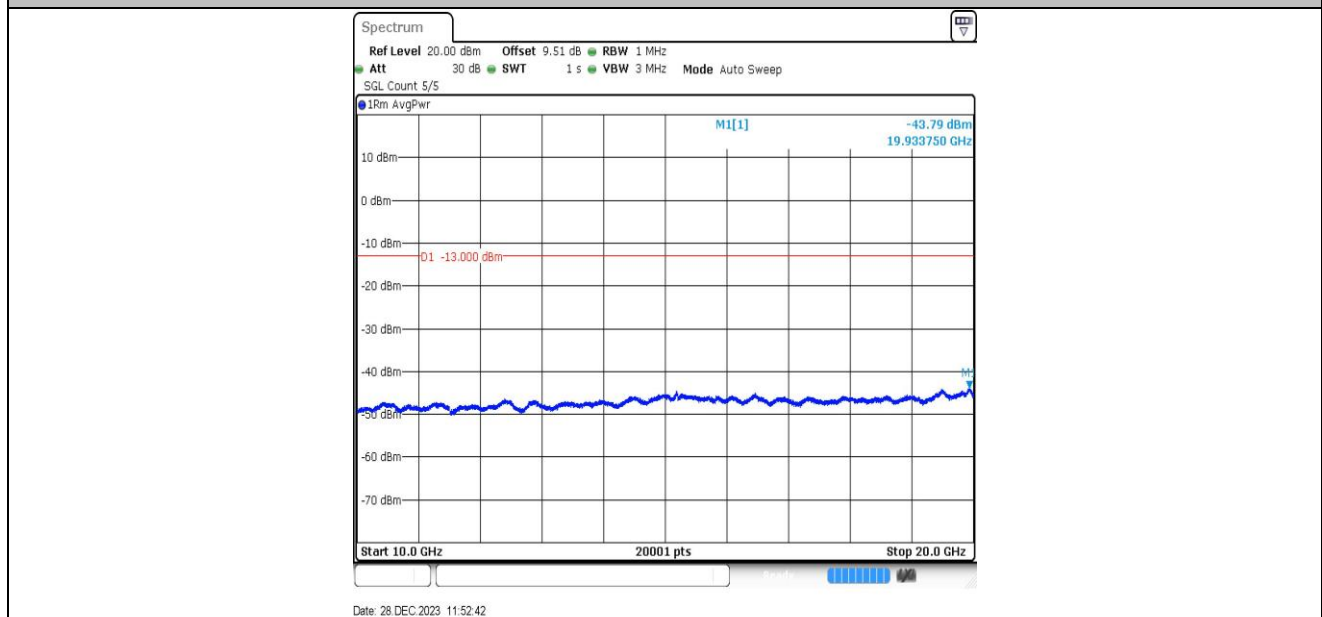


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 115 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-3000~10000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-10000~20000MHz-PASS



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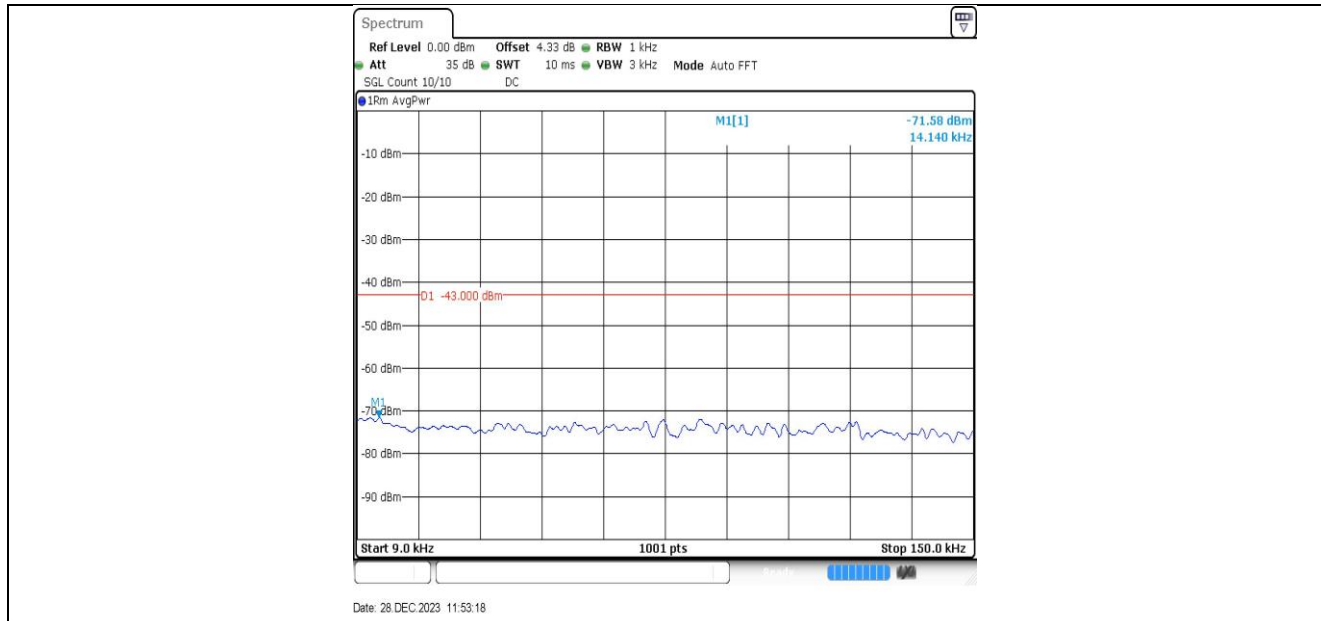
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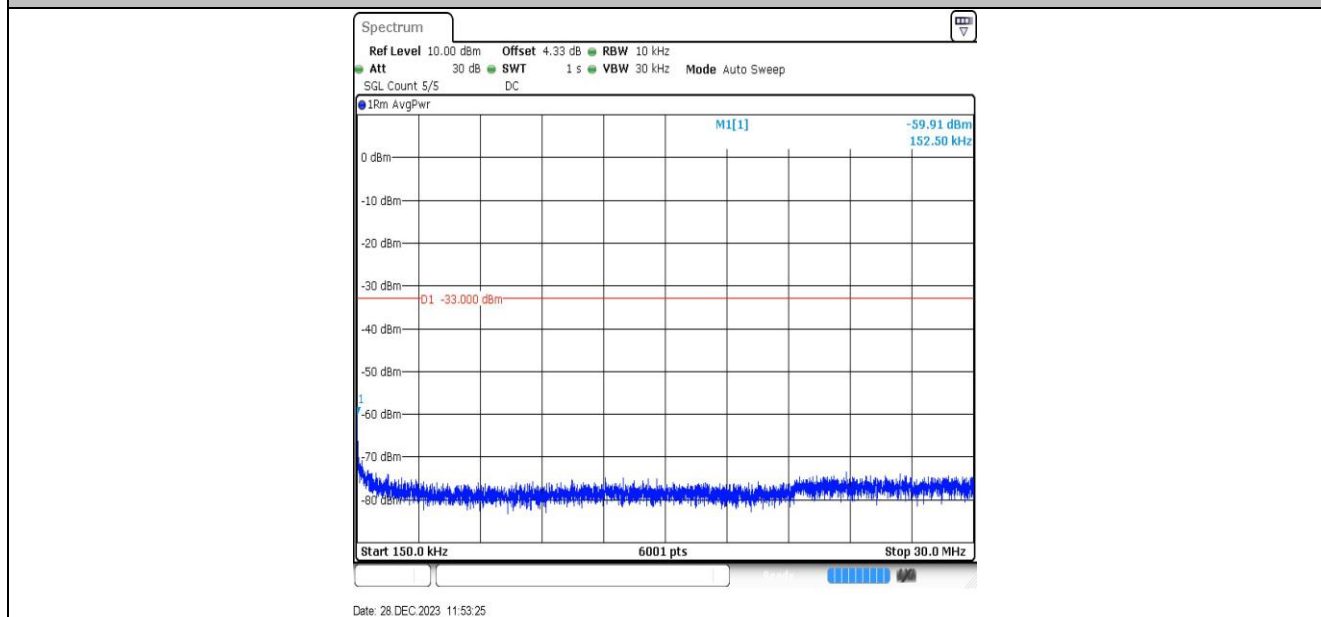


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 116 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.009~0.15MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.15~30MHz-PASS



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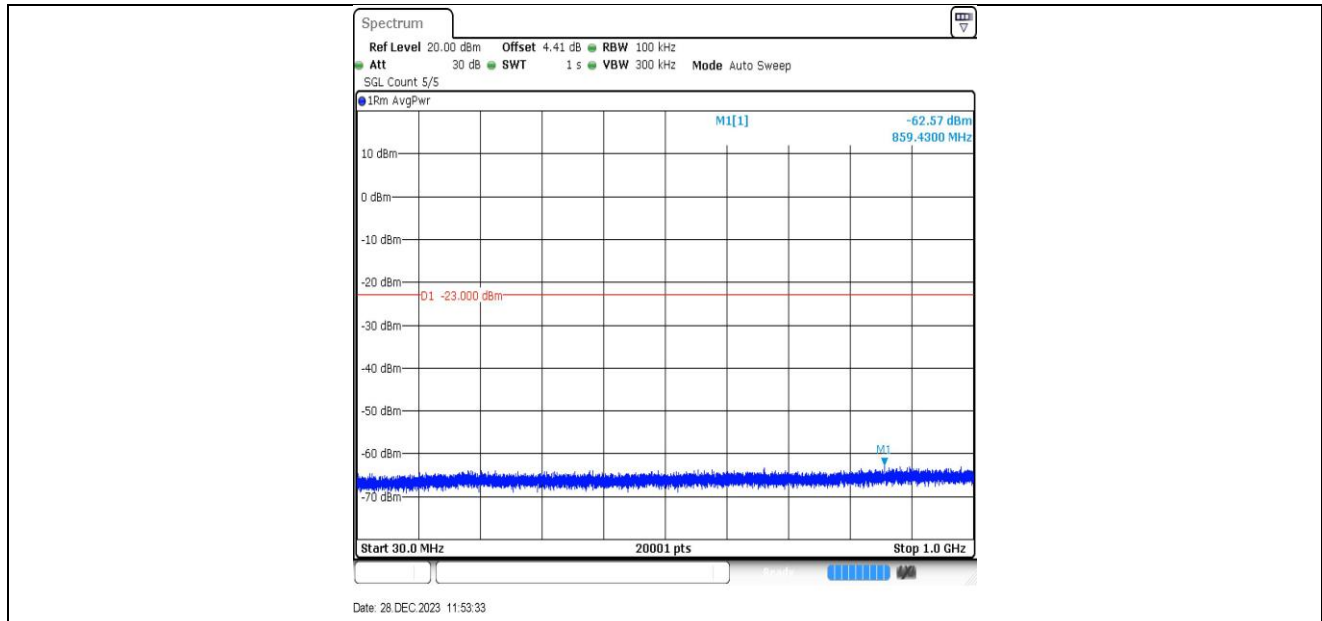
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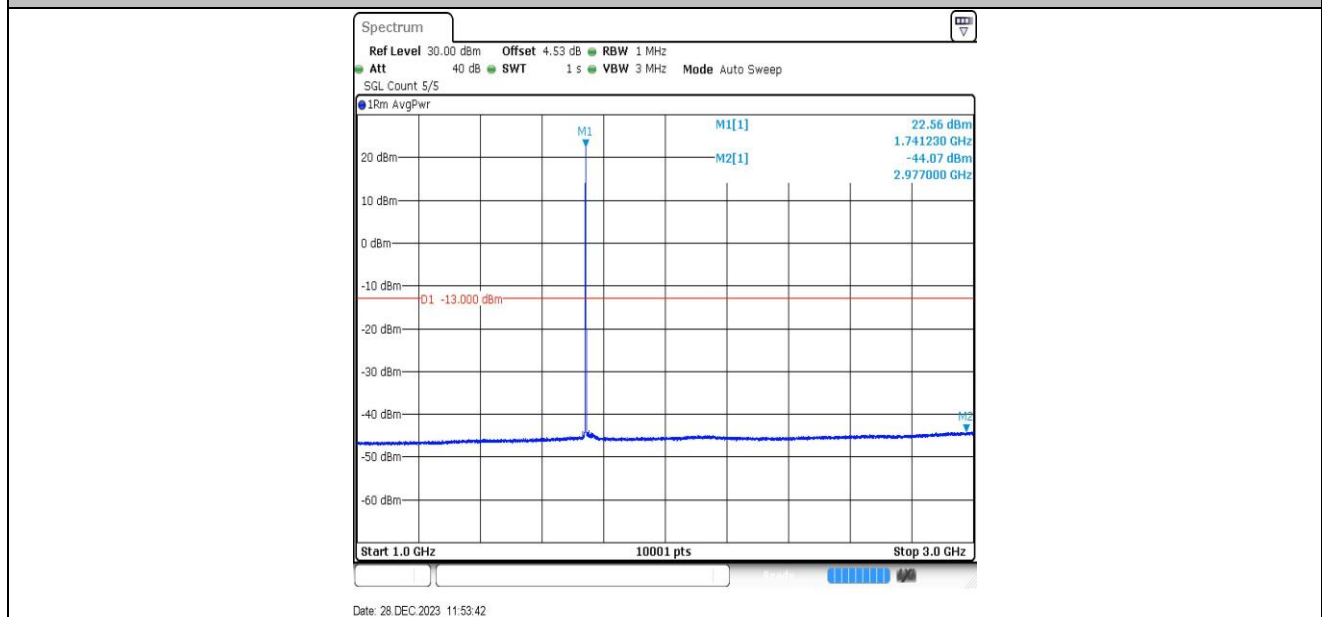


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 117 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-30~1000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-1000~3000MHz-PASS



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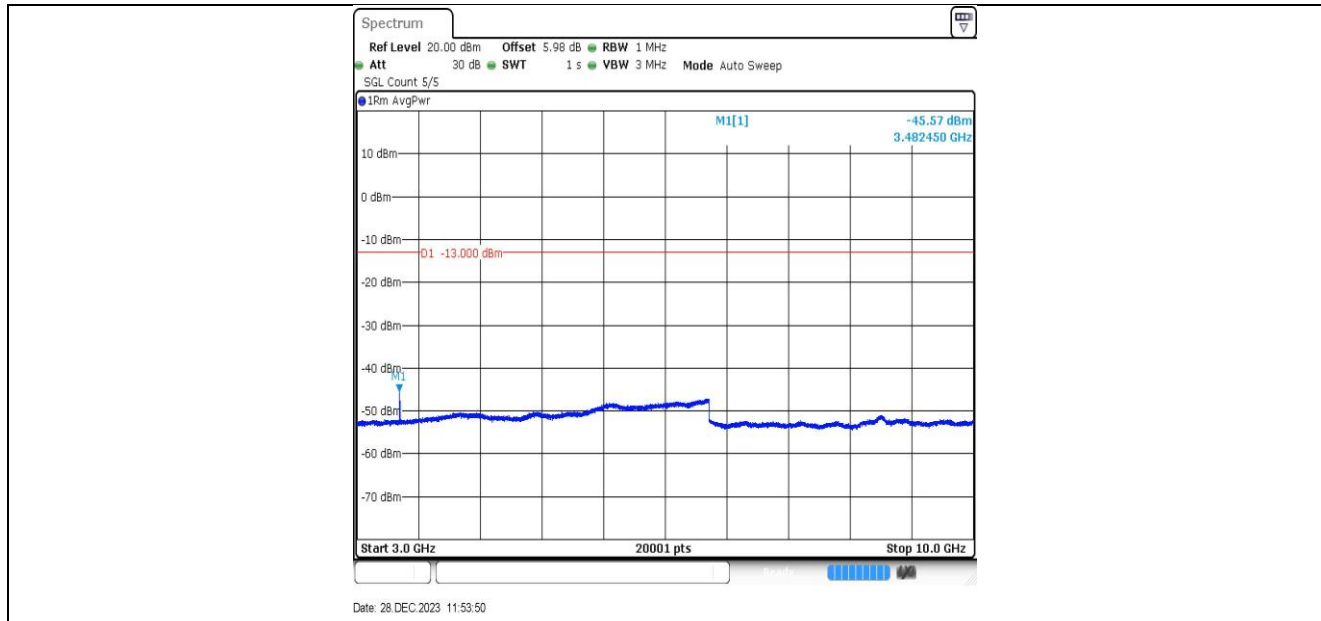
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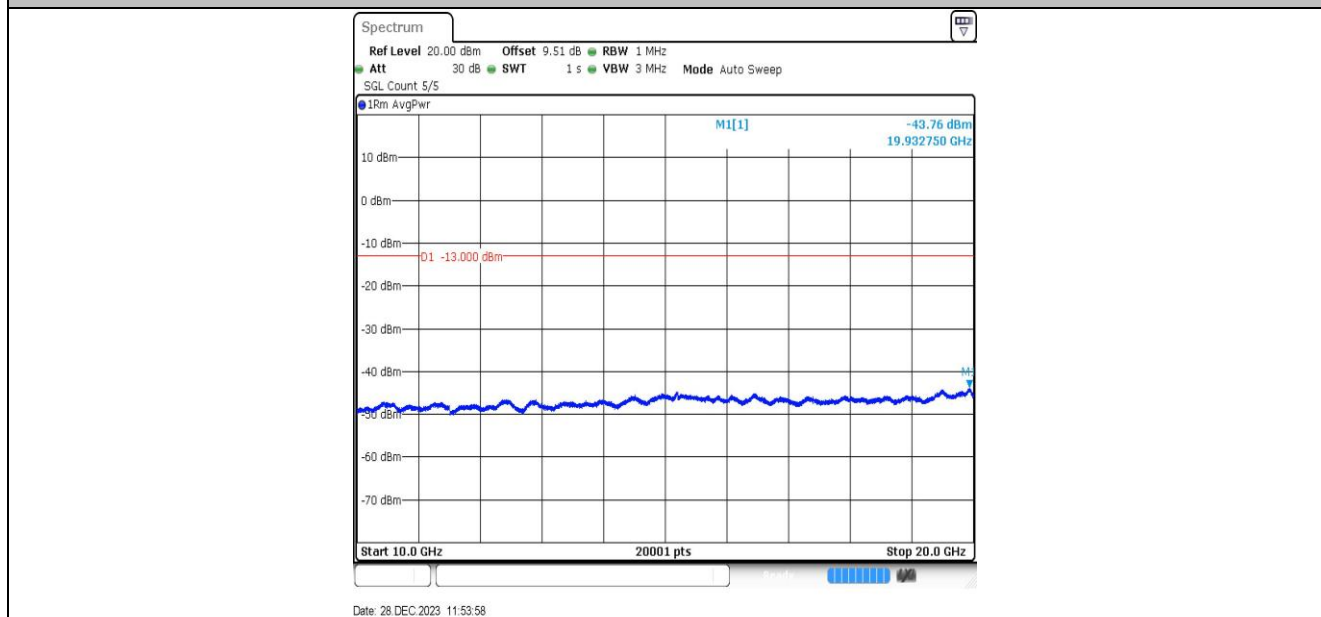


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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 118 of 122



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-3000~10000MHz-PASS



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-10000~20000MHz-PASS



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 119 of 122

Field Strength of Spurious Radiation

Test Band = 66C_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	3422.0000	44.80	28.68	-47.01	-68.79	-13.00	55.79	Horizontal
2	5133.0000	44.35	31.72	-47.02	-66.21	-13.00	53.21	Horizontal
3	6844.0000	43.85	35.43	-46.12	-62.10	-13.00	49.10	Horizontal
4	8555.0000	41.43	36.14	-43.31	-61.00	-13.00	48.00	Horizontal
5	10266.0000	37.57	38.72	-40.54	-59.51	-13.00	46.51	Horizontal
6	11977.0000	36.86	39.80	-38.68	-57.28	-13.00	44.28	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.0000	44.54	28.68	-47.01	-69.05	-13.00	56.05	Vertical
2	5133.0000	44.16	31.72	-47.02	-66.40	-13.00	53.40	Vertical
3	6844.0000	43.65	35.43	-46.12	-62.30	-13.00	49.30	Vertical
4	8555.0000	41.38	36.14	-43.31	-61.05	-13.00	48.05	Vertical
5	10266.0000	37.76	38.72	-40.54	-59.32	-13.00	46.32	Vertical
6	11977.0000	37.08	39.80	-38.68	-57.06	-13.00	44.06	Vertical



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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 120 of 122

Test Band = 66C_ 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	3472.2000	44.94	28.69	-46.95	-68.58	-13.00	55.58	Horizontal
2	5208.3000	44.89	31.90	-46.94	-65.41	-13.00	52.41	Horizontal
3	6944.4000	43.20	35.67	-45.94	-62.33	-13.00	49.33	Horizontal
4	8680.5000	41.16	36.13	-43.17	-61.14	-13.00	48.14	Horizontal
5	10416.6000	38.05	38.90	-40.45	-58.76	-13.00	45.76	Horizontal
6	12152.7000	36.68	39.78	-38.86	-57.66	-13.00	44.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.2000	44.84	28.69	-46.95	-68.68	-13.00	55.68	Vertical
2	5208.3000	44.28	31.90	-46.94	-66.02	-13.00	53.02	Vertical
3	6944.4000	43.14	35.67	-45.94	-62.39	-13.00	49.39	Vertical
4	8680.5000	41.32	36.13	-43.17	-60.98	-13.00	47.98	Vertical
5	10416.6000	37.86	38.90	-40.45	-58.95	-13.00	45.95	Vertical
6	12152.7000	37.15	39.78	-38.86	-57.19	-13.00	44.19	Vertical



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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 121 of 122

Test Band = 66C_ 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	3482.4000	44.98	28.70	-46.93	-68.51	-13.00	55.51	Horizontal
2	5223.6000	44.43	31.94	-46.97	-65.86	-13.00	52.86	Horizontal
3	6964.8000	43.23	35.72	-45.86	-62.17	-13.00	49.17	Horizontal
4	8706.0000	41.88	36.13	-43.18	-60.43	-13.00	47.43	Horizontal
5	10447.2000	38.68	38.94	-40.41	-58.05	-13.00	45.05	Horizontal
6	12188.4000	37.76	39.78	-38.94	-56.66	-13.00	43.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3482.4000	44.62	28.70	-46.93	-68.87	-13.00	55.87	Vertical
2	5223.6000	44.38	31.94	-46.97	-65.91	-13.00	52.91	Vertical
3	6964.8000	43.25	35.72	-45.86	-62.15	-13.00	49.15	Vertical
4	8706.0000	41.33	36.13	-43.18	-60.98	-13.00	47.98	Vertical
5	10447.2000	38.05	38.94	-40.41	-58.68	-13.00	45.68	Vertical
6	12188.4000	37.10	39.78	-38.94	-57.32	-13.00	44.32	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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Report No.: ZEWA2312000155RG01
Rev.: 01
Page: 122 of 122

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VN	NT	11.60	0.006647	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VL	NT	11.60	0.006647	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VH	NT	10.30	0.005902	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-50	11.60	0.006647	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-40	11.40	0.006533	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-30	11.10	0.006361	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-20	11.70	0.006704	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-10	14.80	0.008481	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	0	11.80	0.006762	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	10	13.80	0.007908	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	20	8.70	0.004985	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	30	11.10	0.006361	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	40	14.00	0.008022	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	50	15.90	0.009111	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	60	13.60	0.007793	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	75	12.60	0.007220	PASS

---End of Attachment---



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