

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	PASS

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

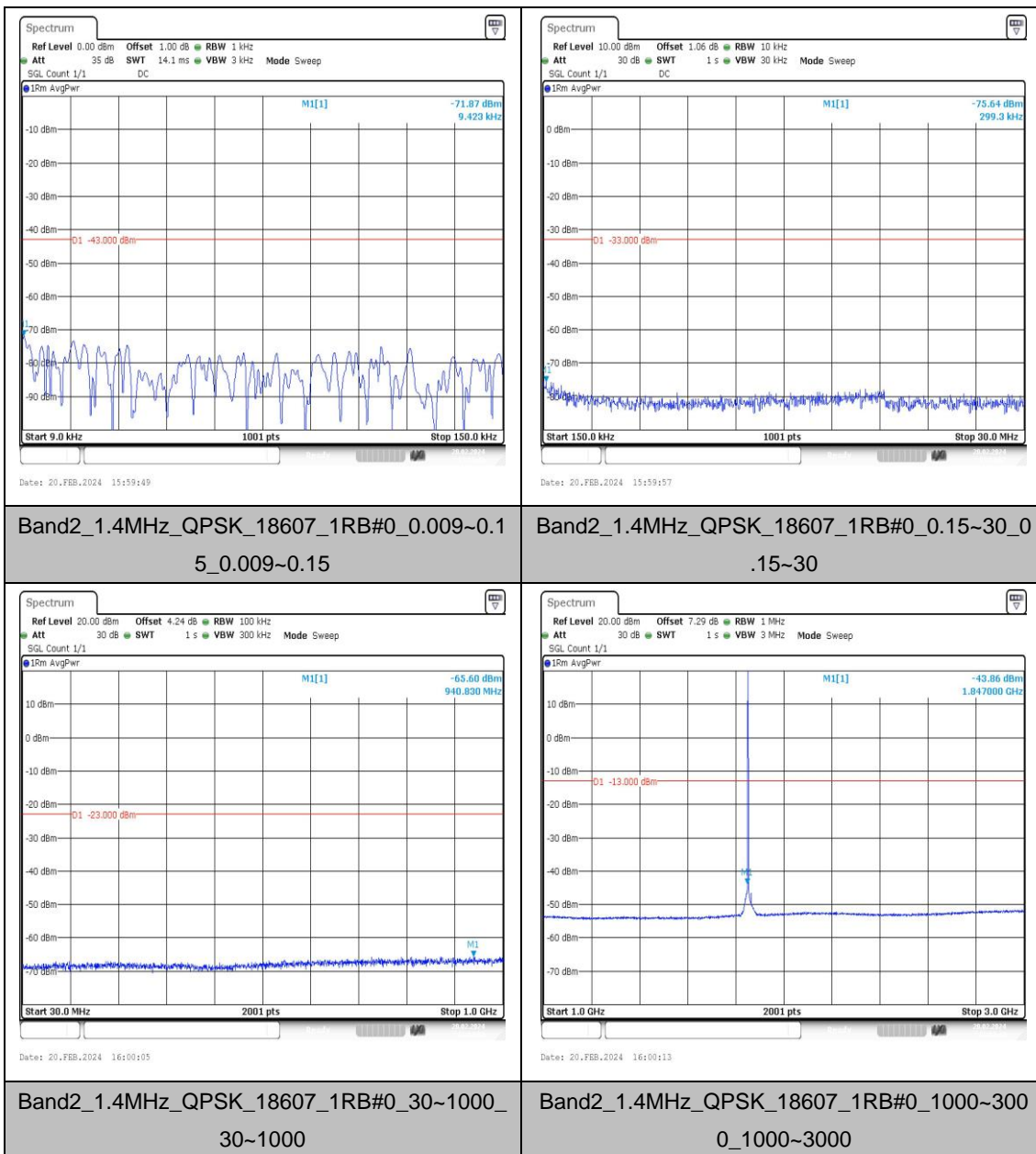
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	PASS
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Band2	3MHz	16QAM	18615	1RB#0	1000~3000	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	PASS

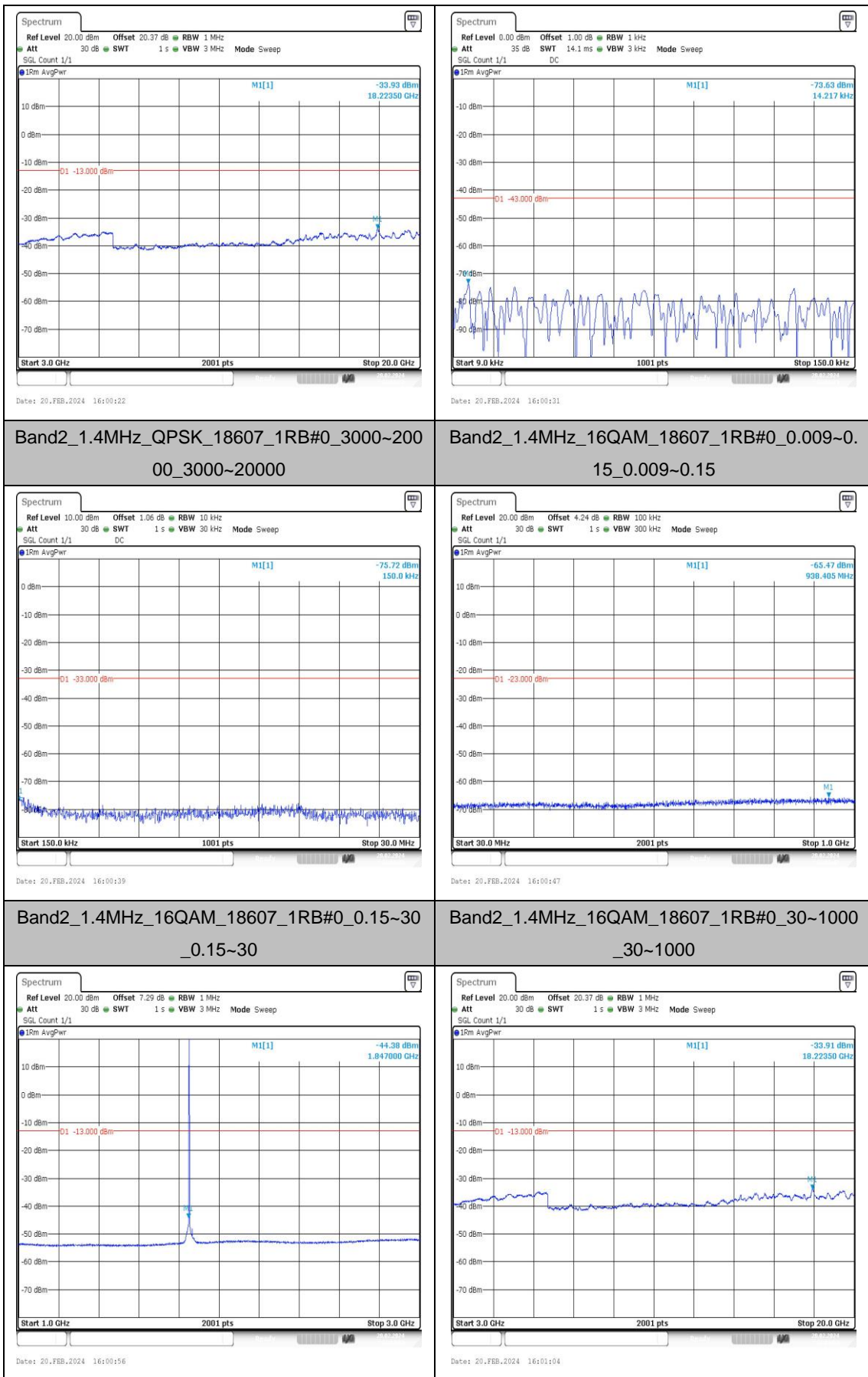
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Band2	5MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	PASS

Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	PASS

Band2	20MHz	QPSK	18900	1RB#0	30~1000	PASS
Band2	20MHz	QPSK	18900	1RB#0	1000~3000	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	PASS

Test Graphs



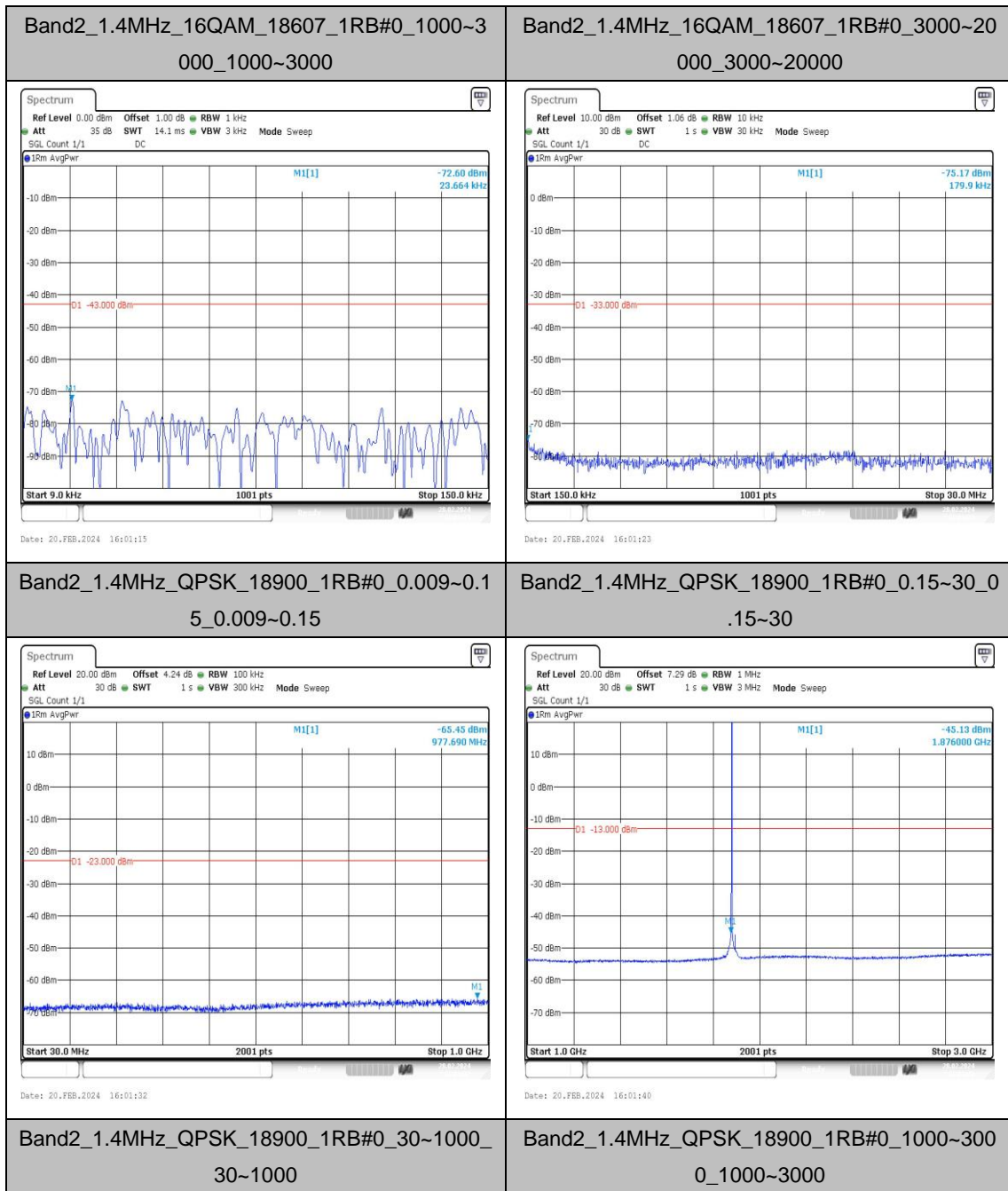


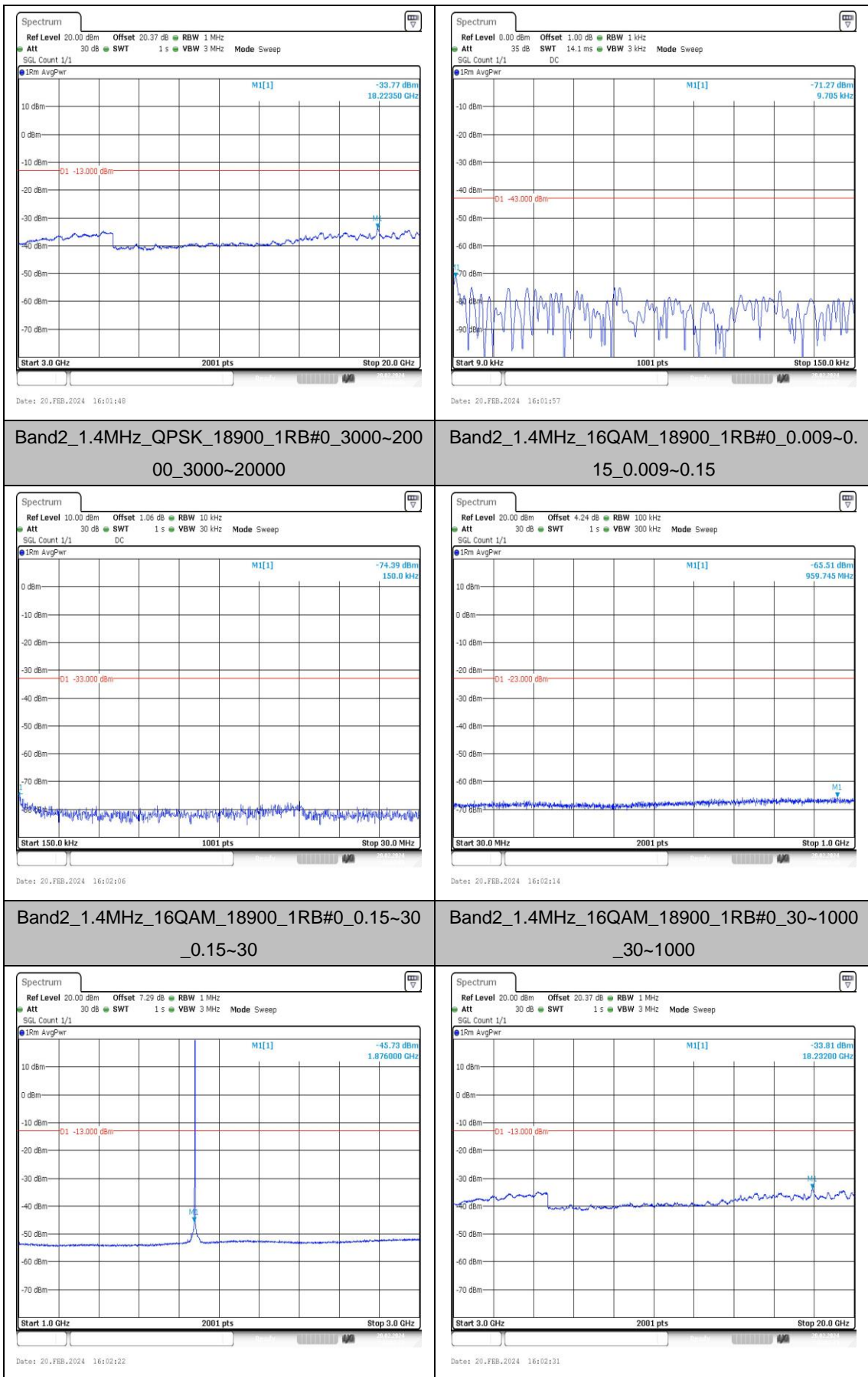
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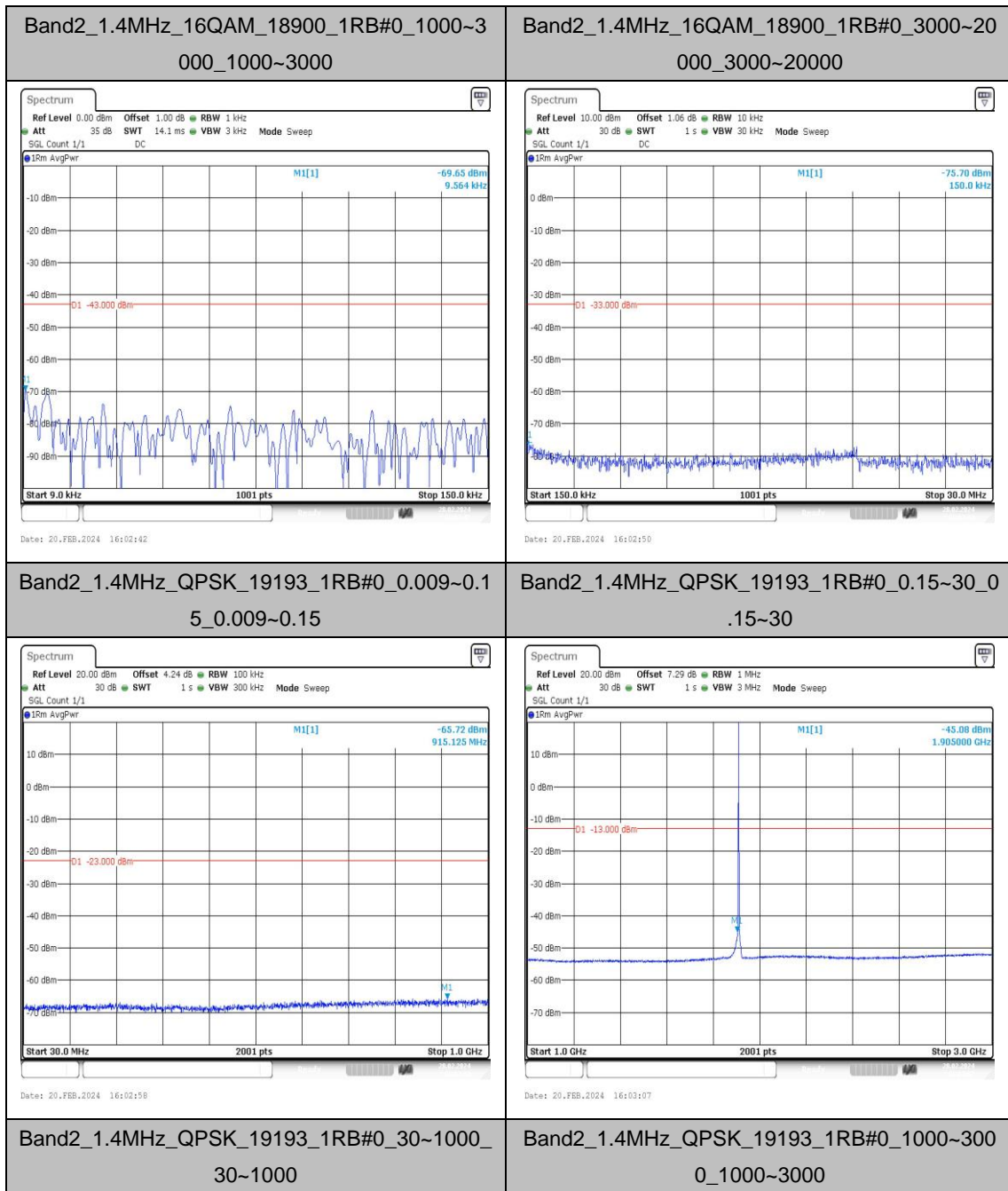
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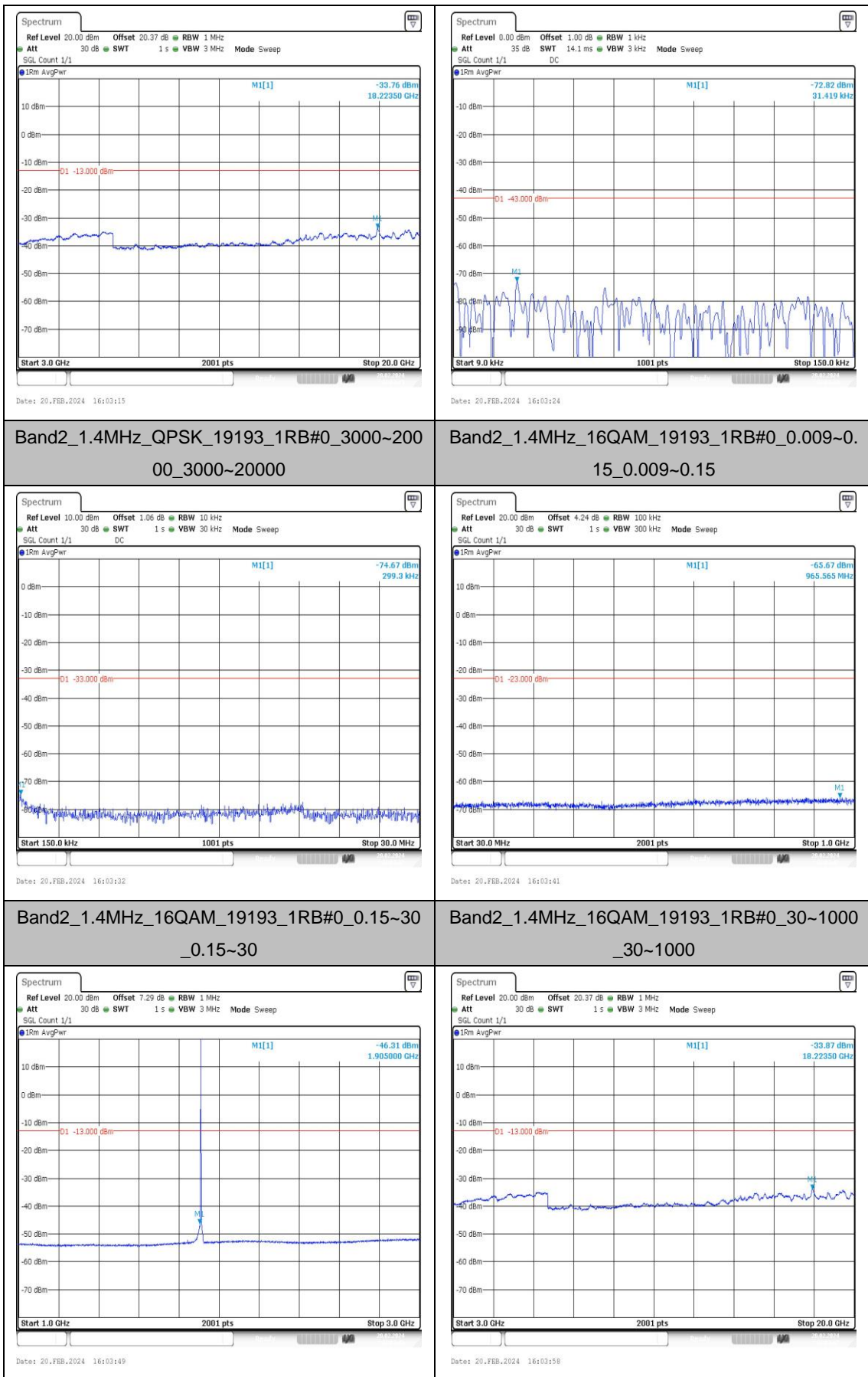
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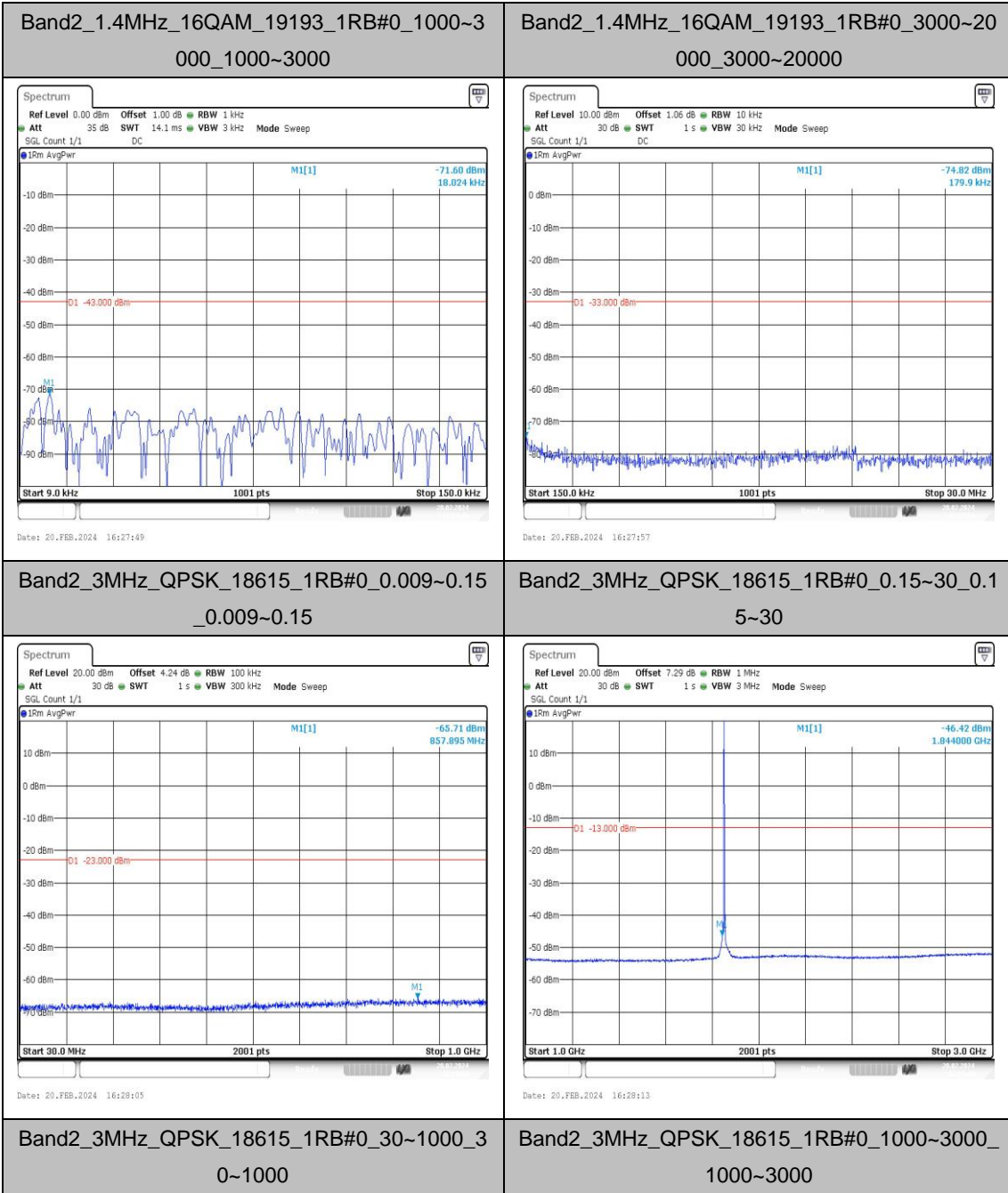
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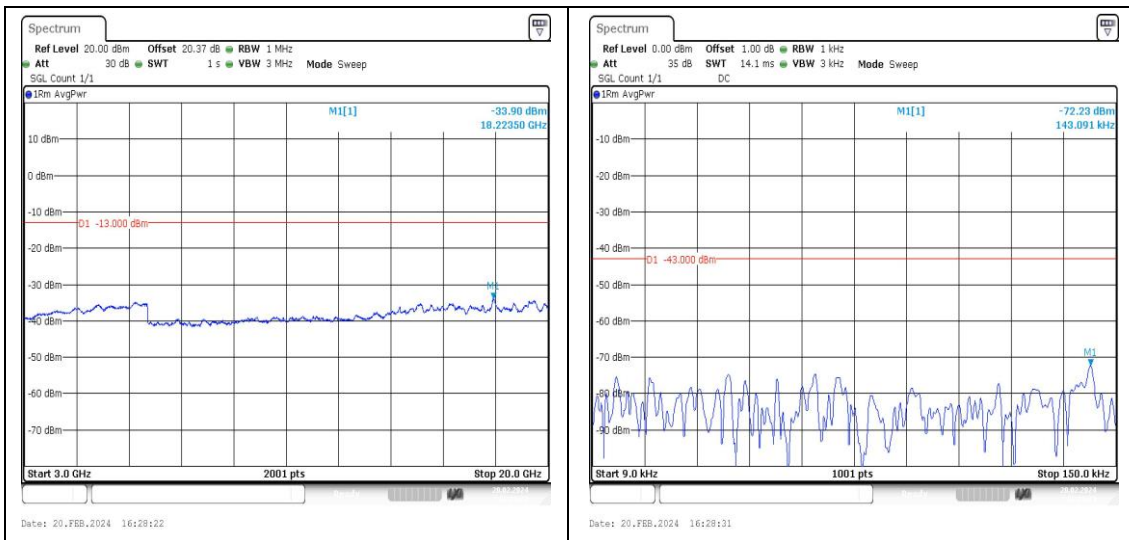




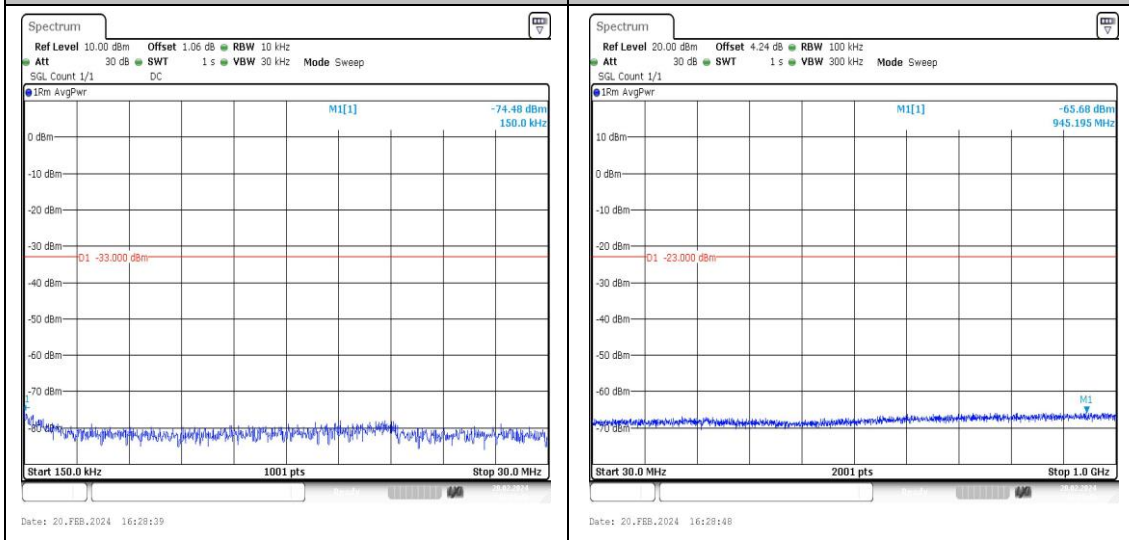




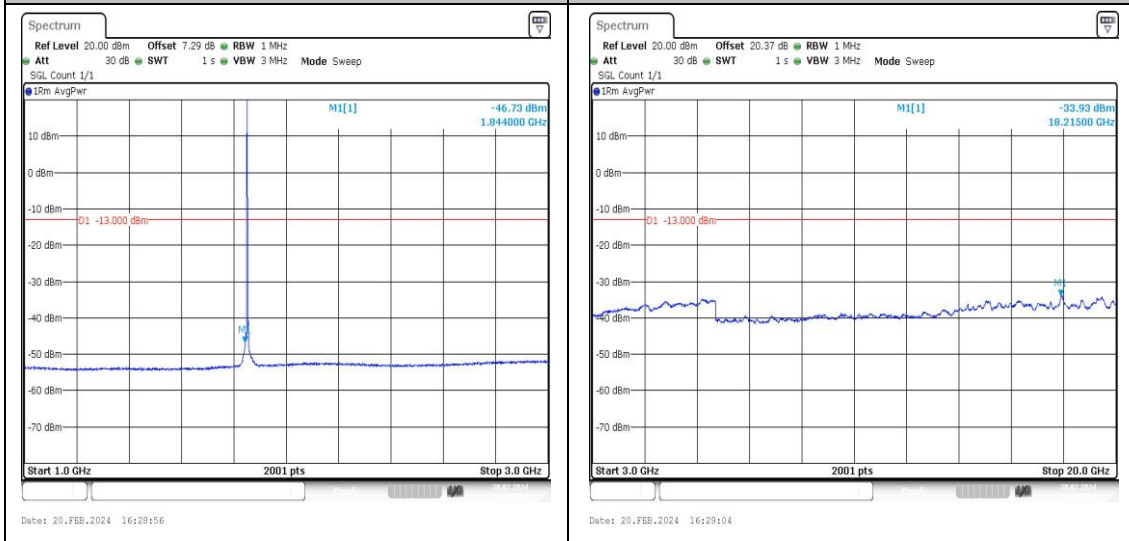


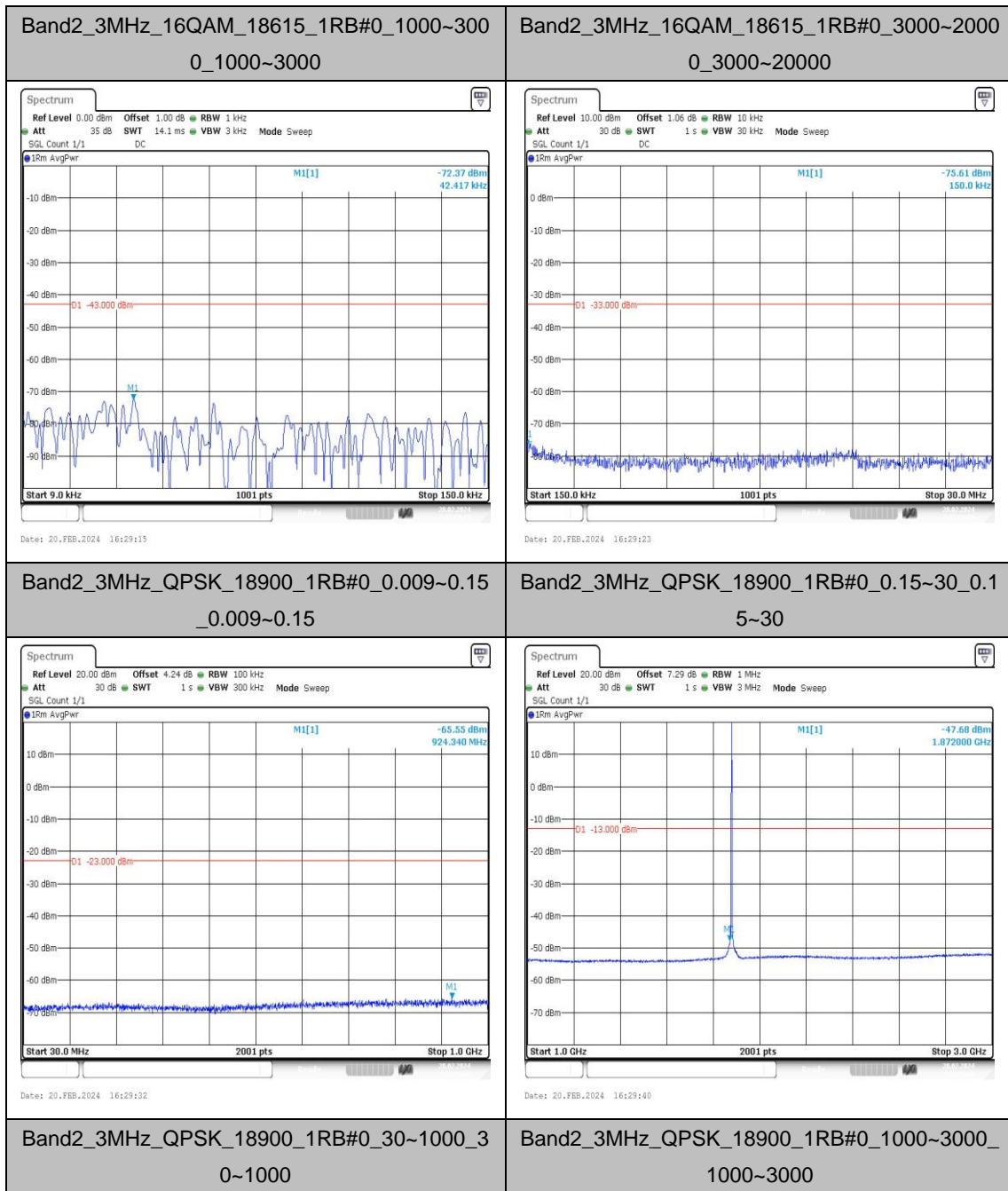


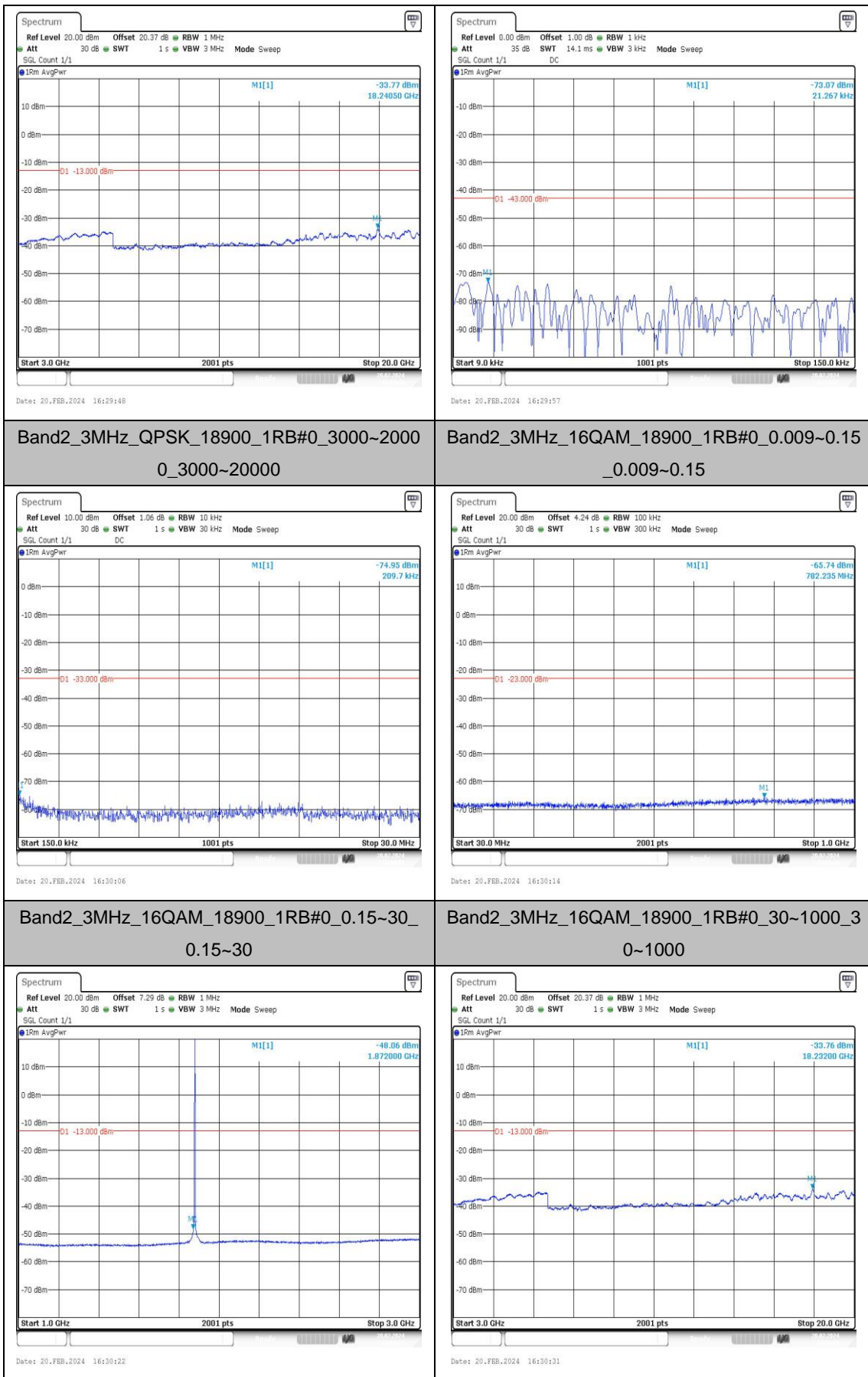
Band2_3MHz_QPSK_18615_1RB#0_3000~2000_0_3000~20000 **Band2_3MHz_16QAM_18615_1RB#0_0.009~0.15_0.009~0.15**



Band2_3MHz_16QAM_18615_1RB#0_0.15~30_0.15~30 **Band2_3MHz_16QAM_18615_1RB#0_30~1000_30~1000**





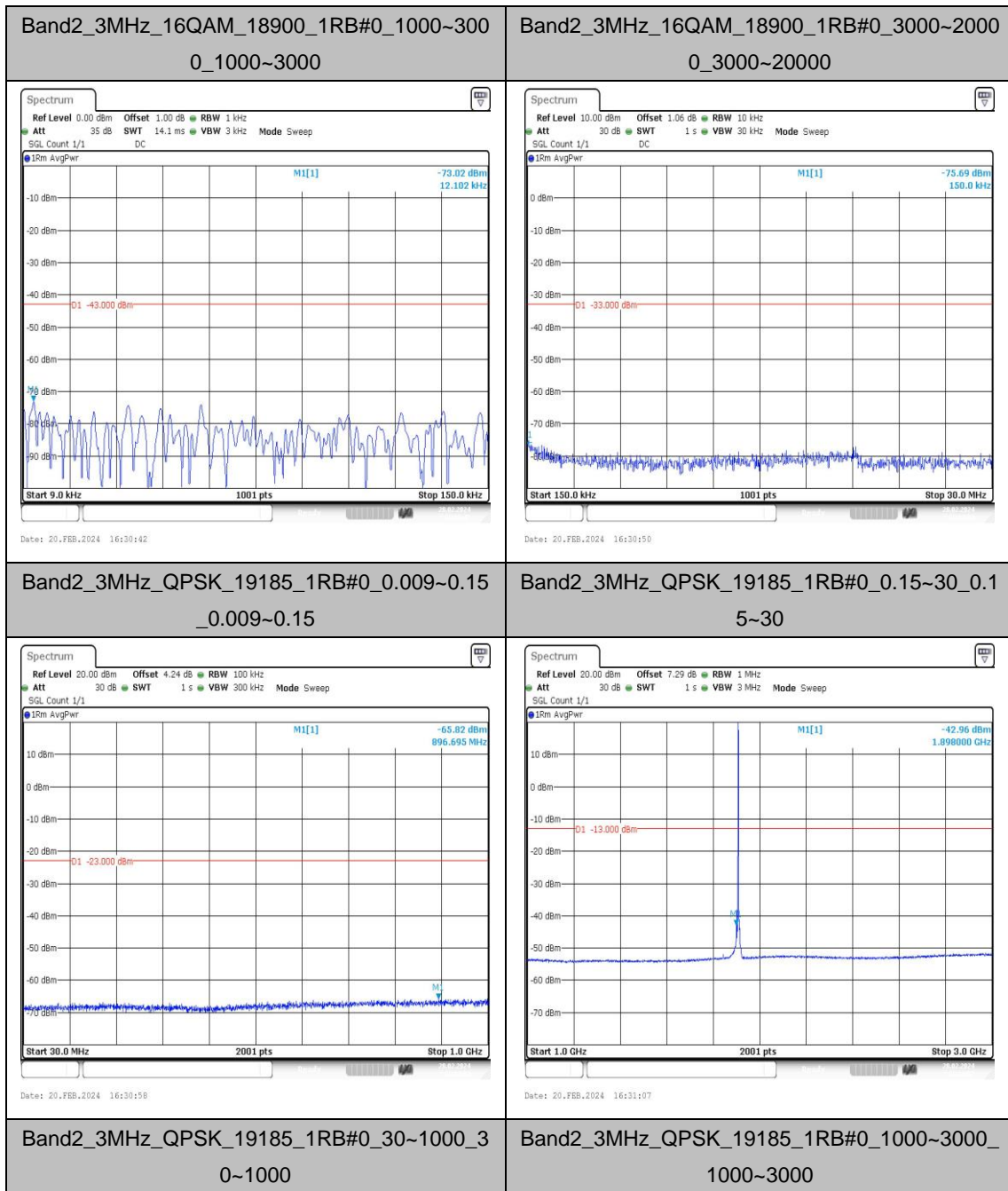


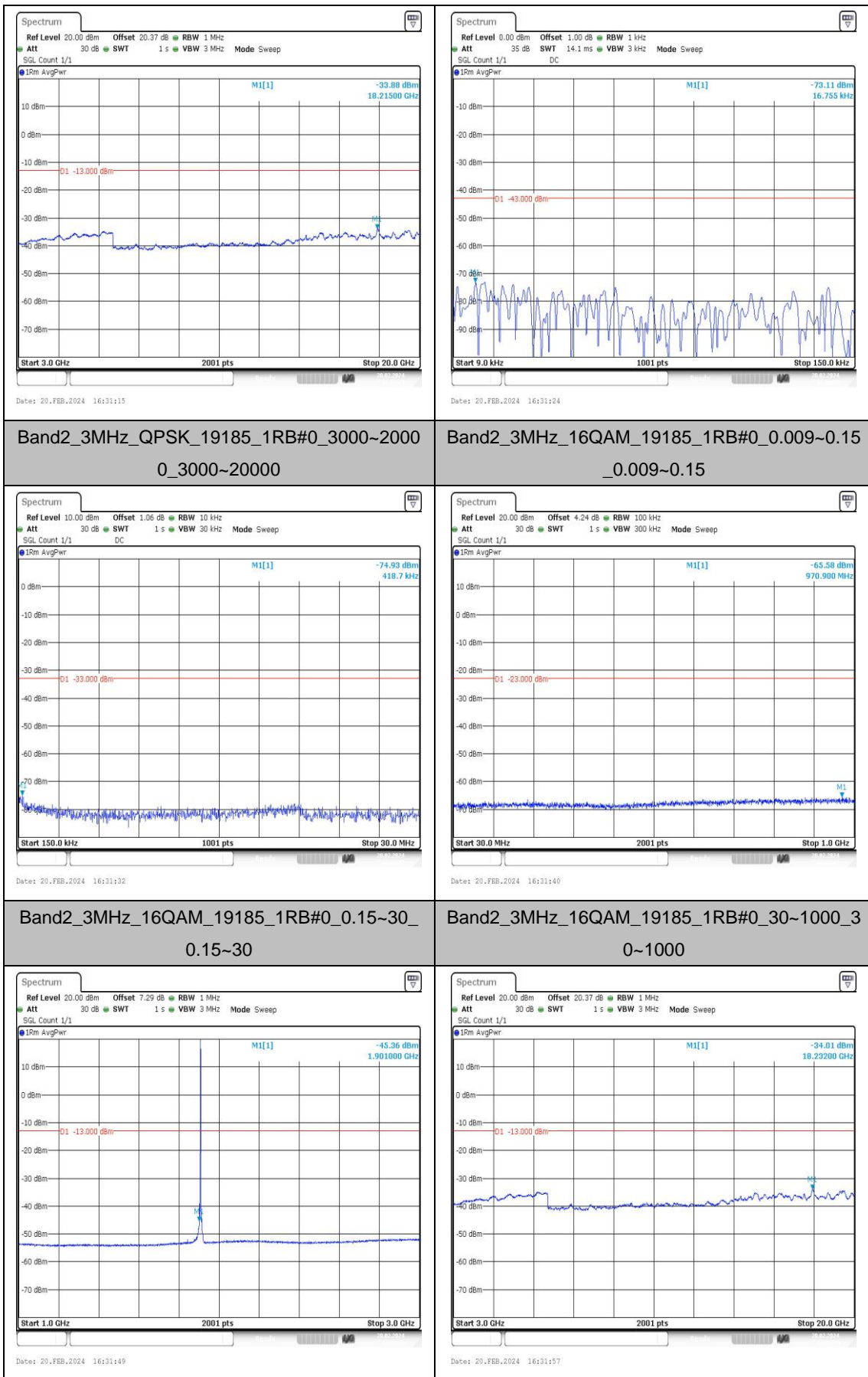
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0_3000~20000

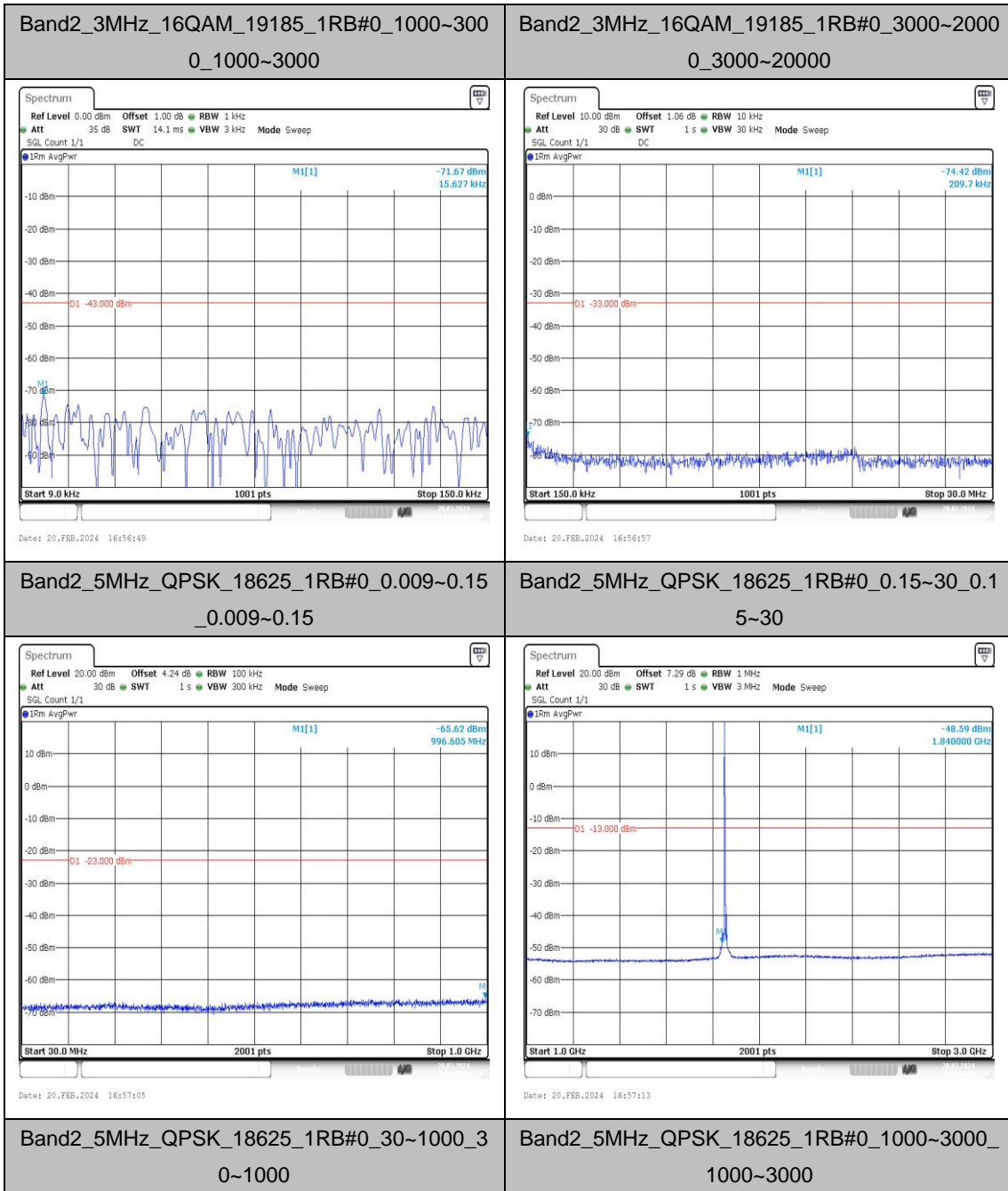
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_0.009~0.15

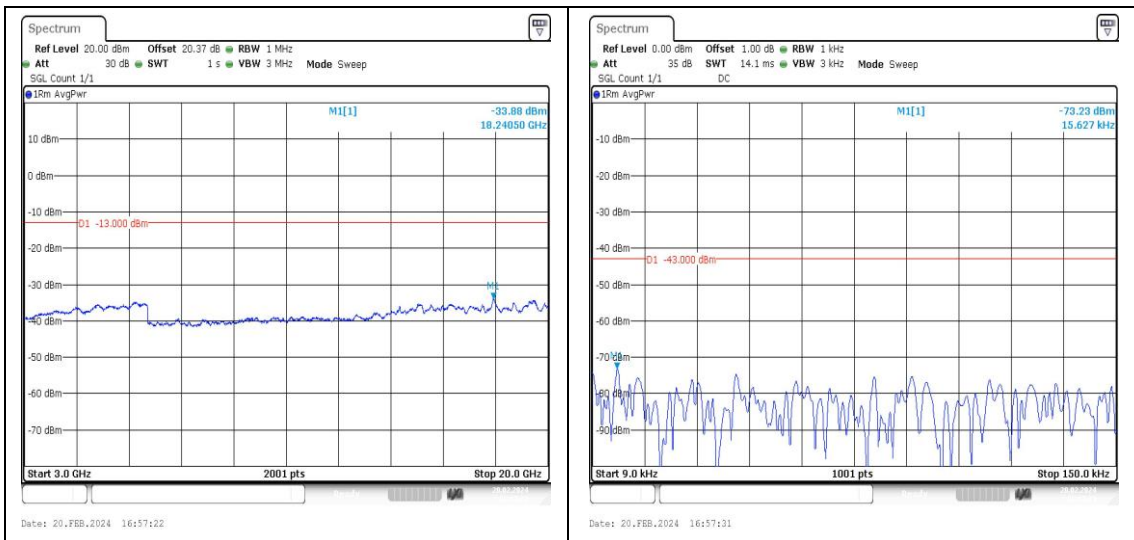
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0.15~30

Band2_3MHz_16QAM_18900_1RB#0_30~1000_3
0~1000



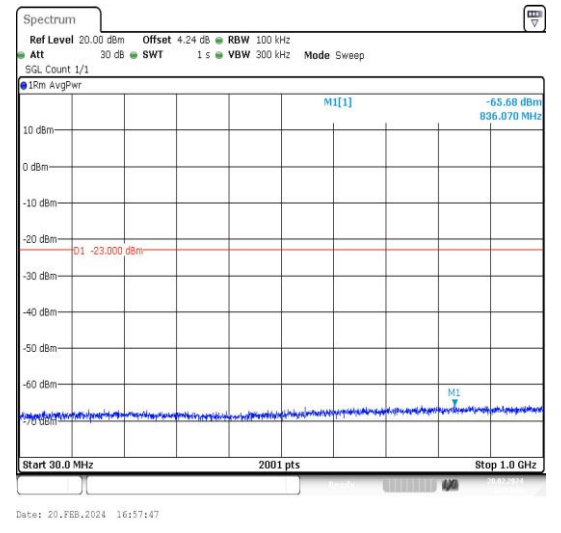
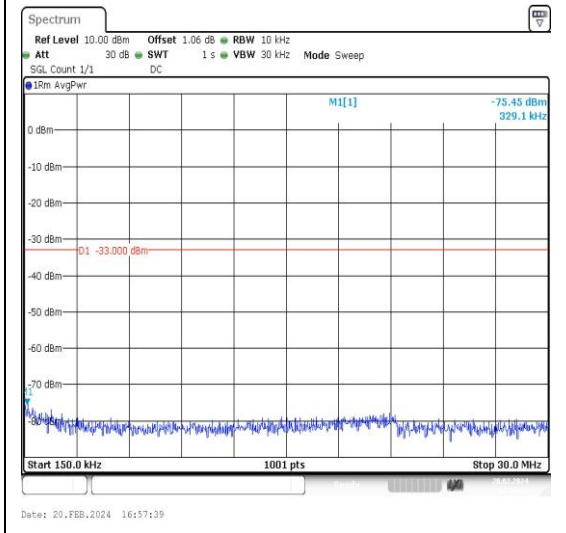






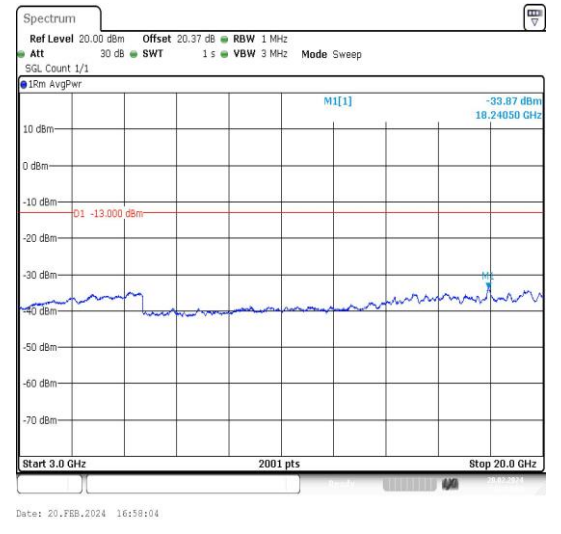
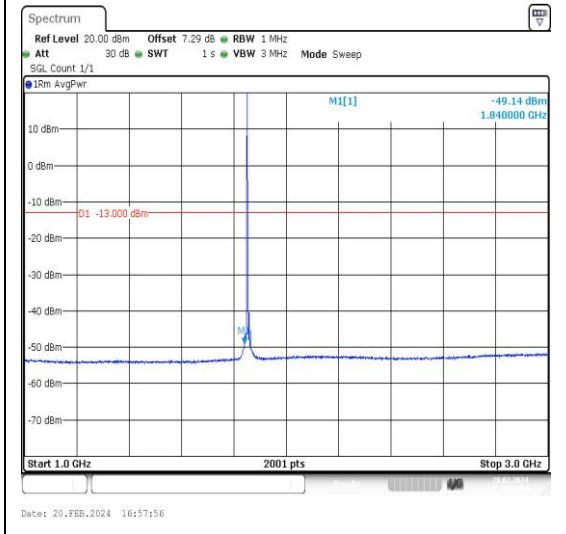
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0_3000~20000

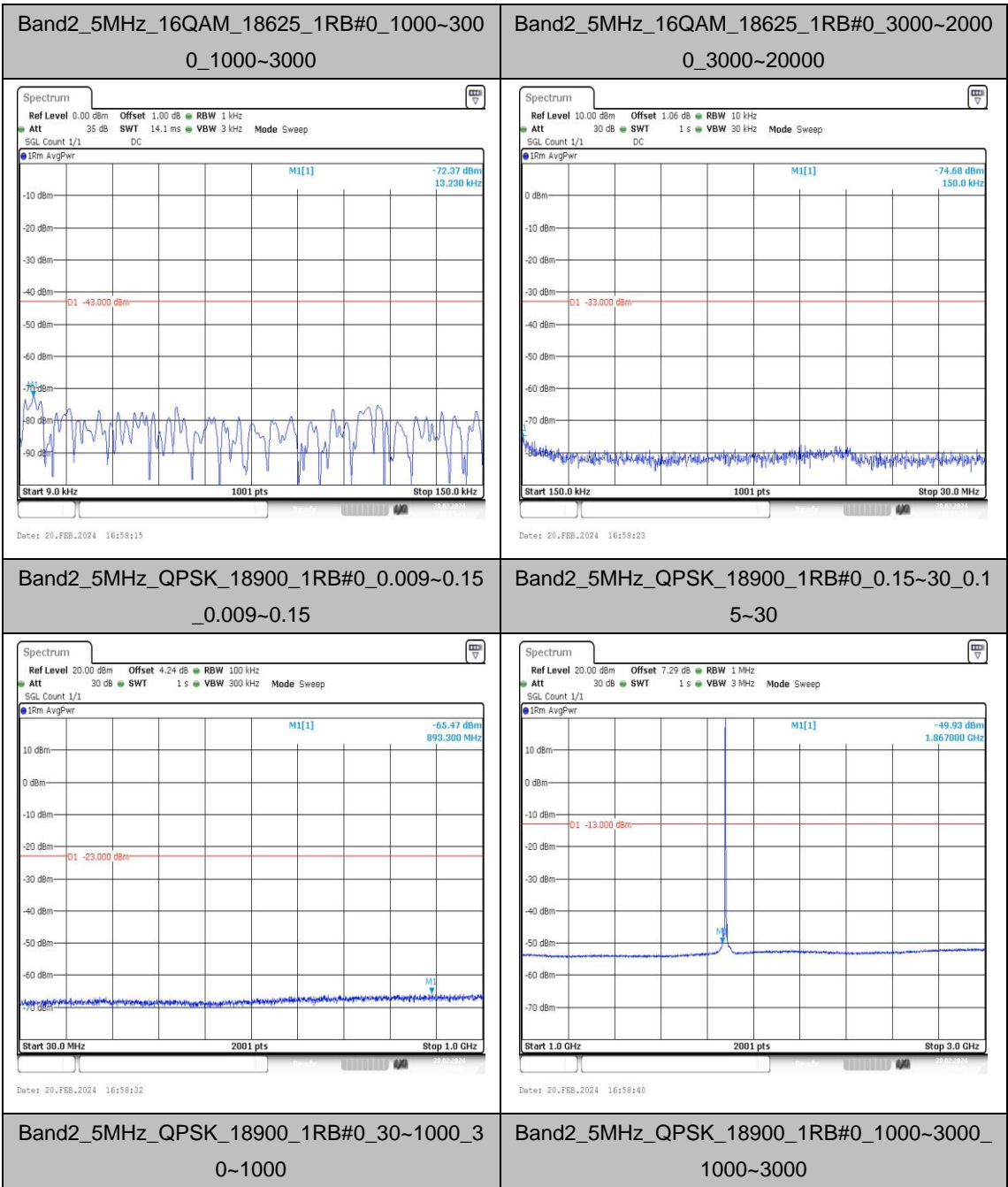
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_0.009~0.15

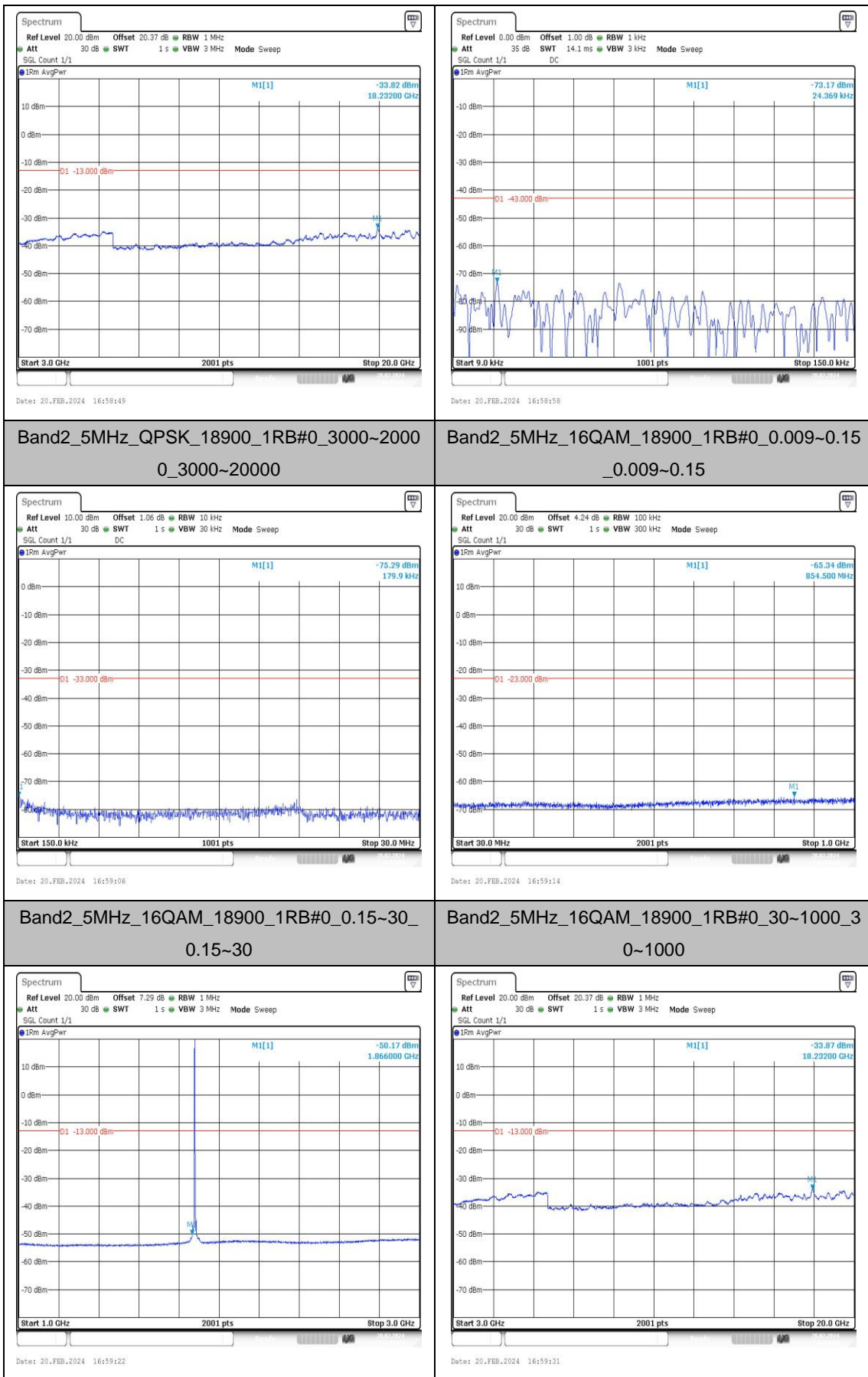


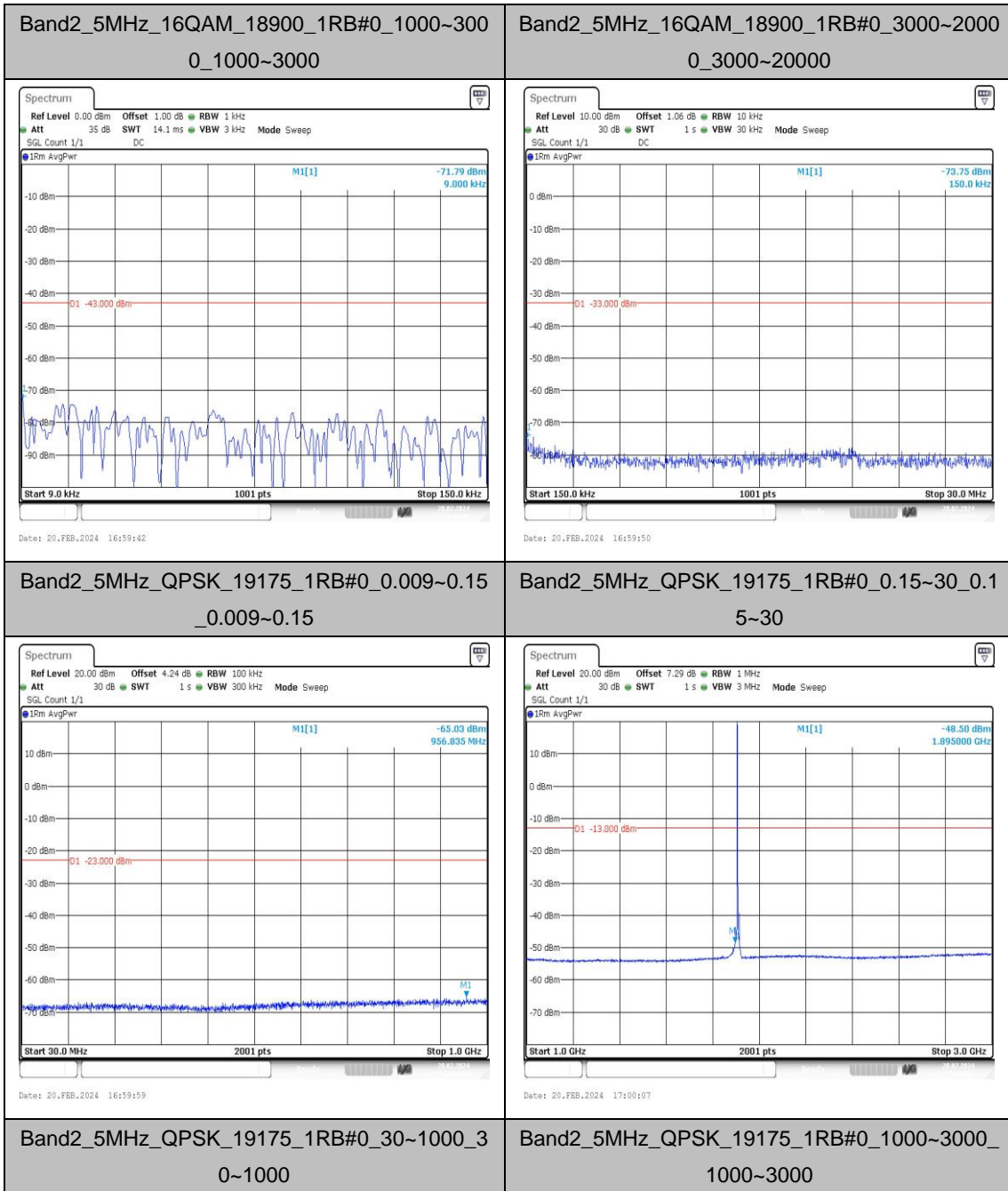
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0.15~30

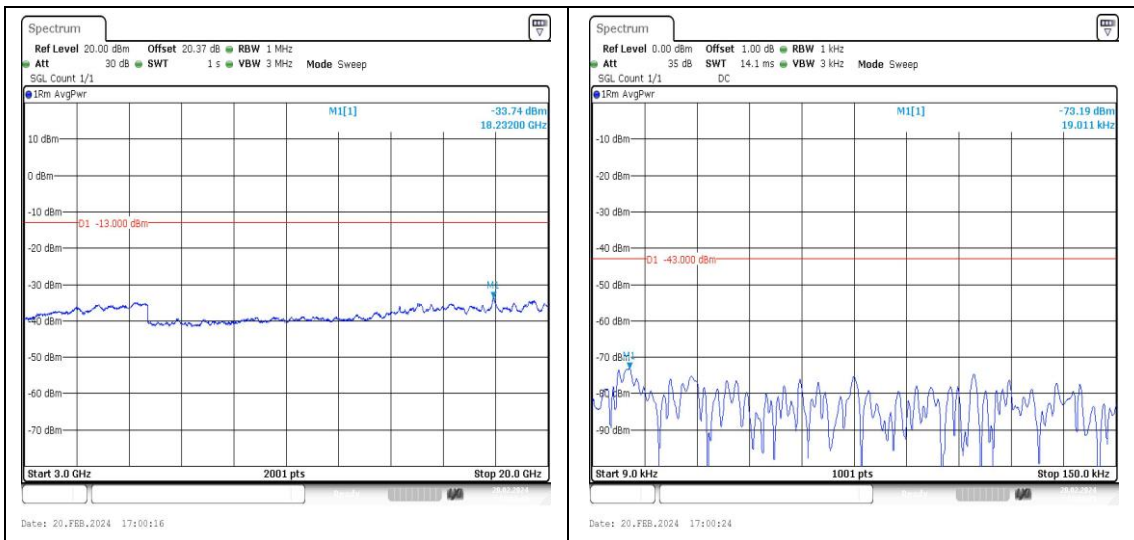
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0~1000





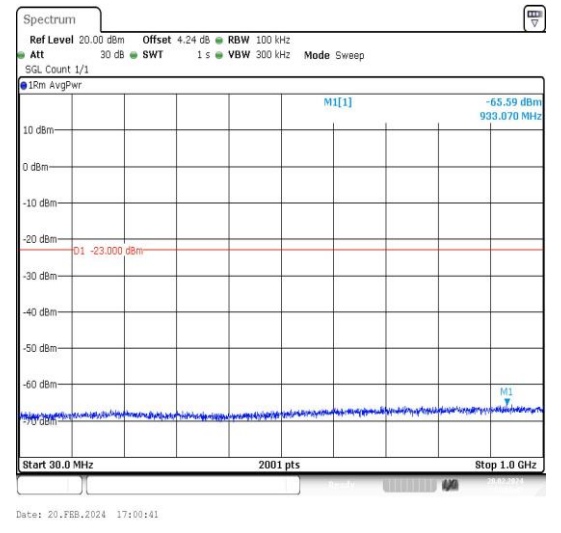
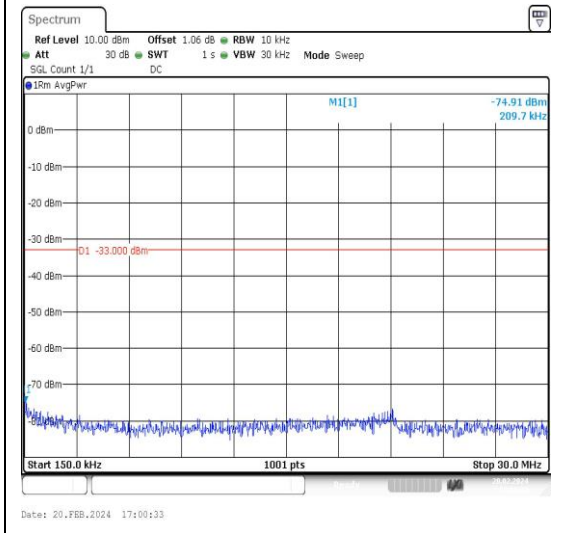






Band2_5MHz_QPSK_19175_1RB#0_3000~2000
0_3000~20000

Band2_5MHz_16QAM_19175_1RB#0_0.009~0.15
_0.009~0.15



Band2_5MHz_16QAM_19175_1RB#0_0.15~30
0.15~30

Band2_5MHz_16QAM_19175_1RB#0_30~1000_3
0~1000

