

## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#0	18000~40000	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	18000~40000	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	18000~40000	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	18000~40000	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	18000~40000	PASS

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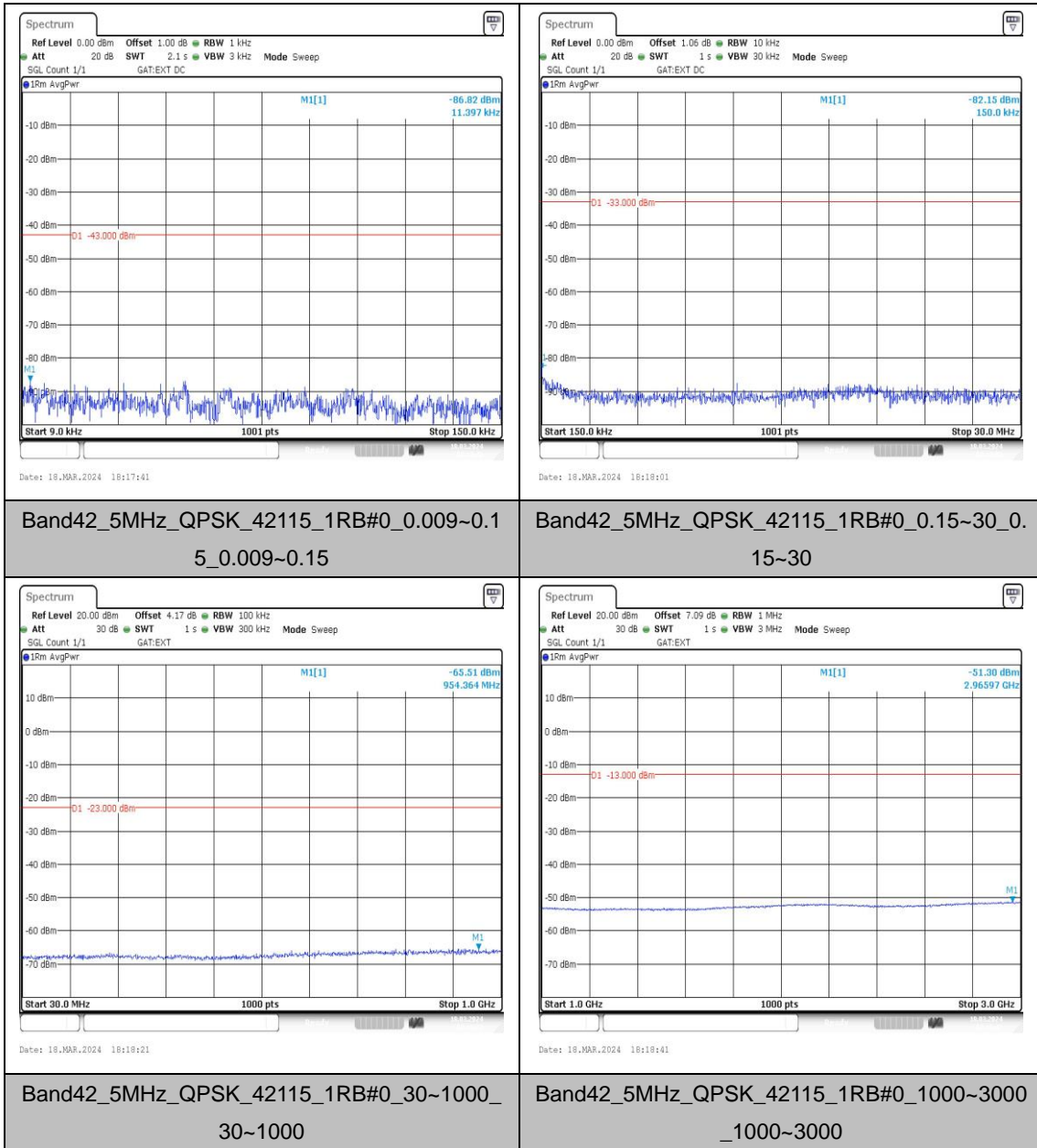
42(3450-3550)	5MHz	16QAM	43065	1RB#0	0.009~0.15	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	0.15~30	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	30~1000	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	1000~3000	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	3000~6000	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	6000~18000	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	18000~40000	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	18000~40000	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	18000~40000	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	18000~40000	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	18000~40000	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	18000~40000	PASS

42(3450-3550)	10MHz	16QAM	43040	1RB#0	0.009~0.15	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	0.15~30	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	30~1000	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	1000~3000	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	3000~6000	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	6000~18000	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	18000~40000	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	18000~40000	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	18000~40000	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	18000~40000	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	18000~40000	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	18000~40000	PASS

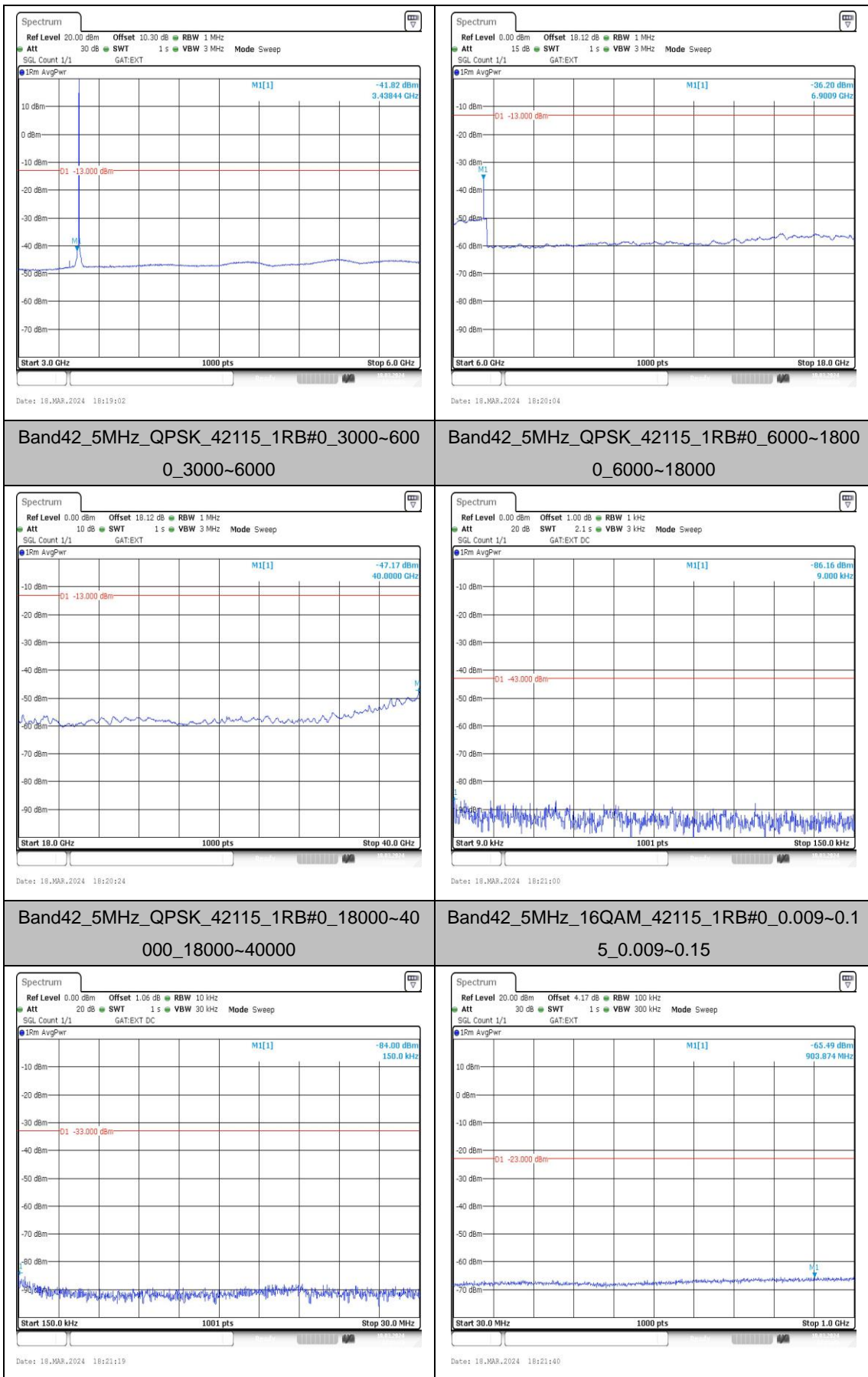
42(3450-3550)	15MHz	16QAM	43015	1RB#0	0.009~0.15	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	0.15~30	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	30~1000	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	1000~3000	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	3000~6000	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	6000~18000	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	18000~40000	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	18000~40000	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	18000~40000	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	18000~40000	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	18000~40000	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	18000~40000	PASS

42(3450-3550)	20MHz	16QAM	42990	1RB#0	0.009~0.15	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	0.15~30	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	30~1000	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	1000~3000	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	3000~6000	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	6000~18000	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	18000~40000	PASS

### Test Graphs





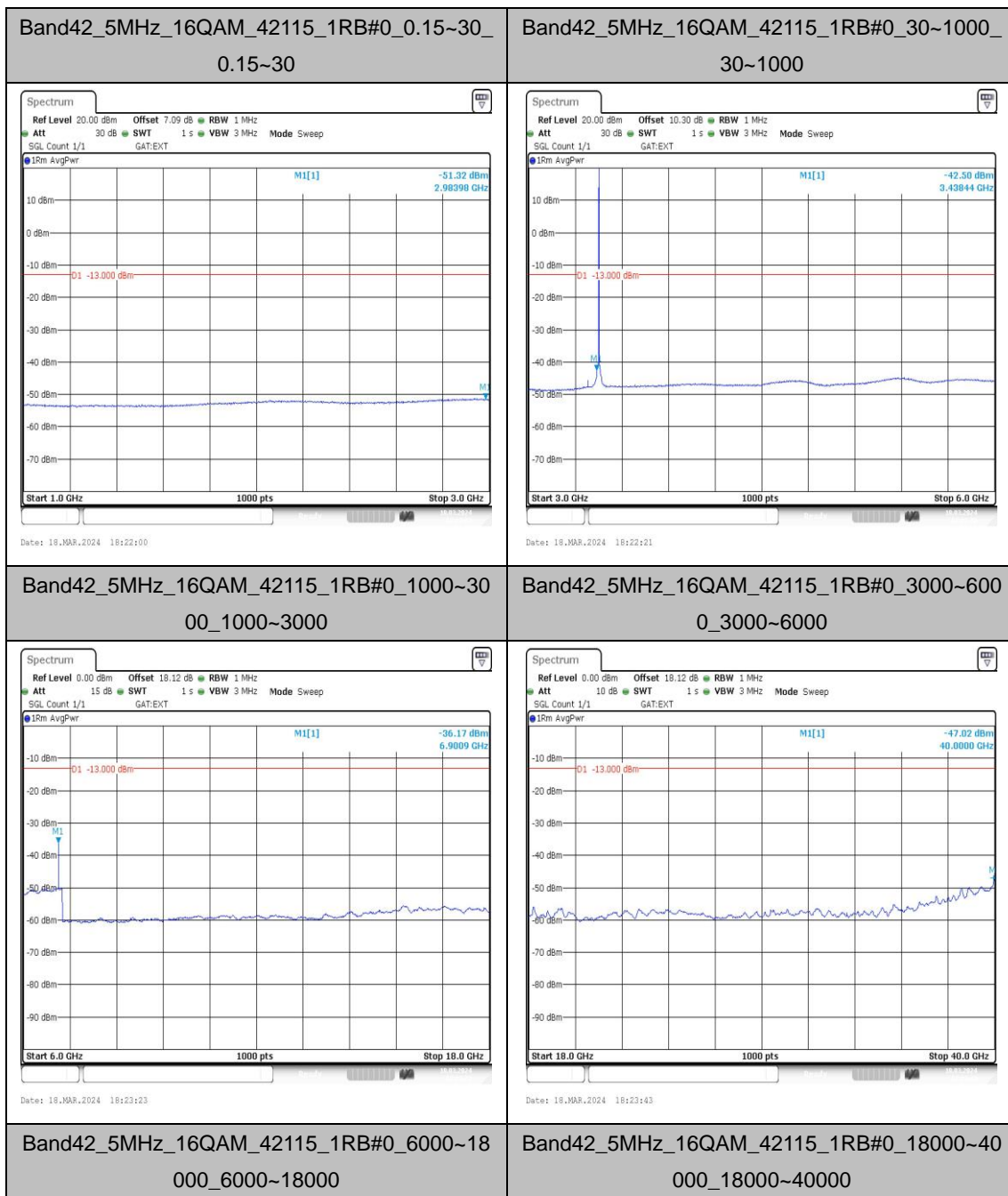


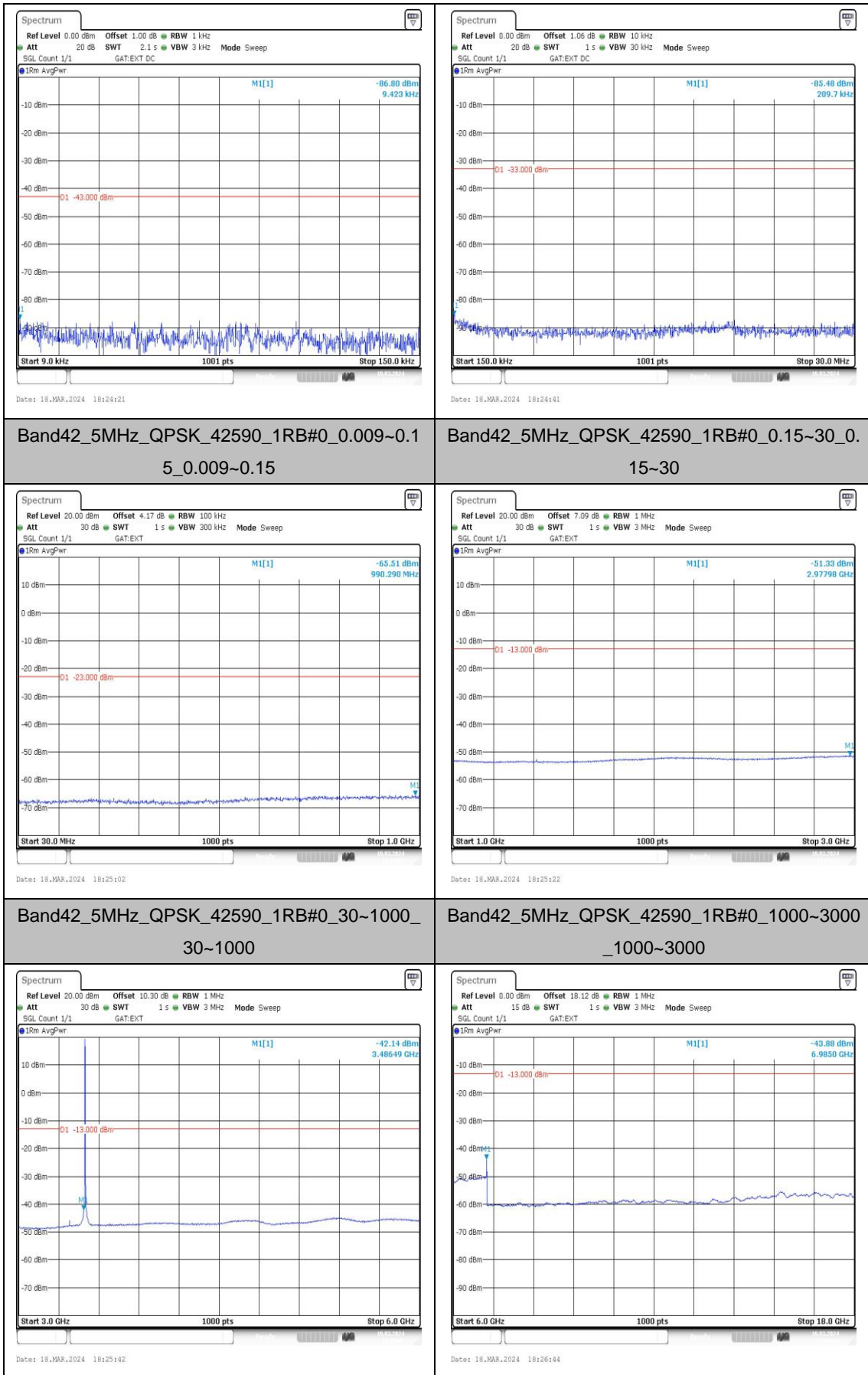
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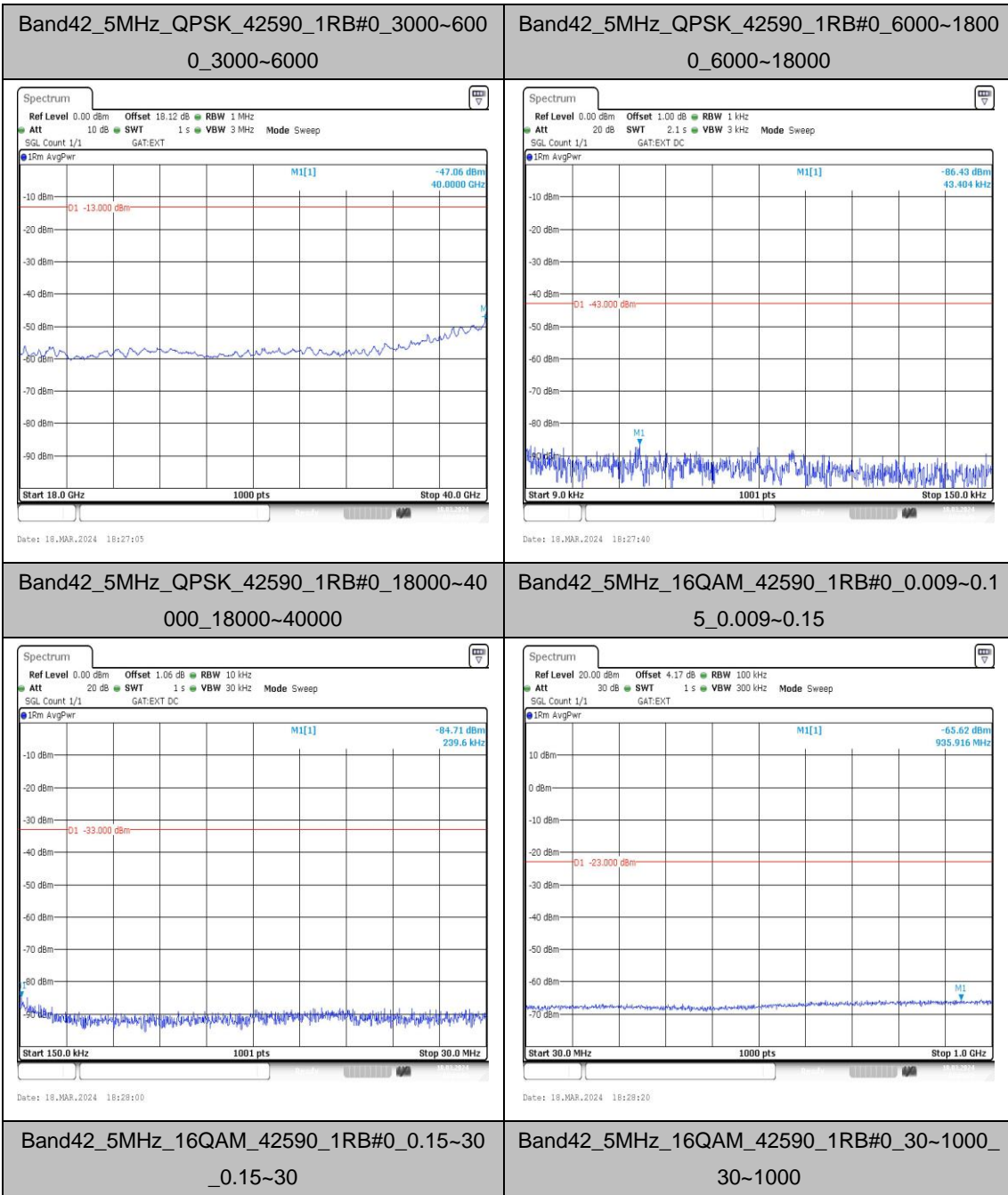
Band42\_5MHz\_QPSK\_42115\_1RB#0\_6000~18000\_0\_6000~18000

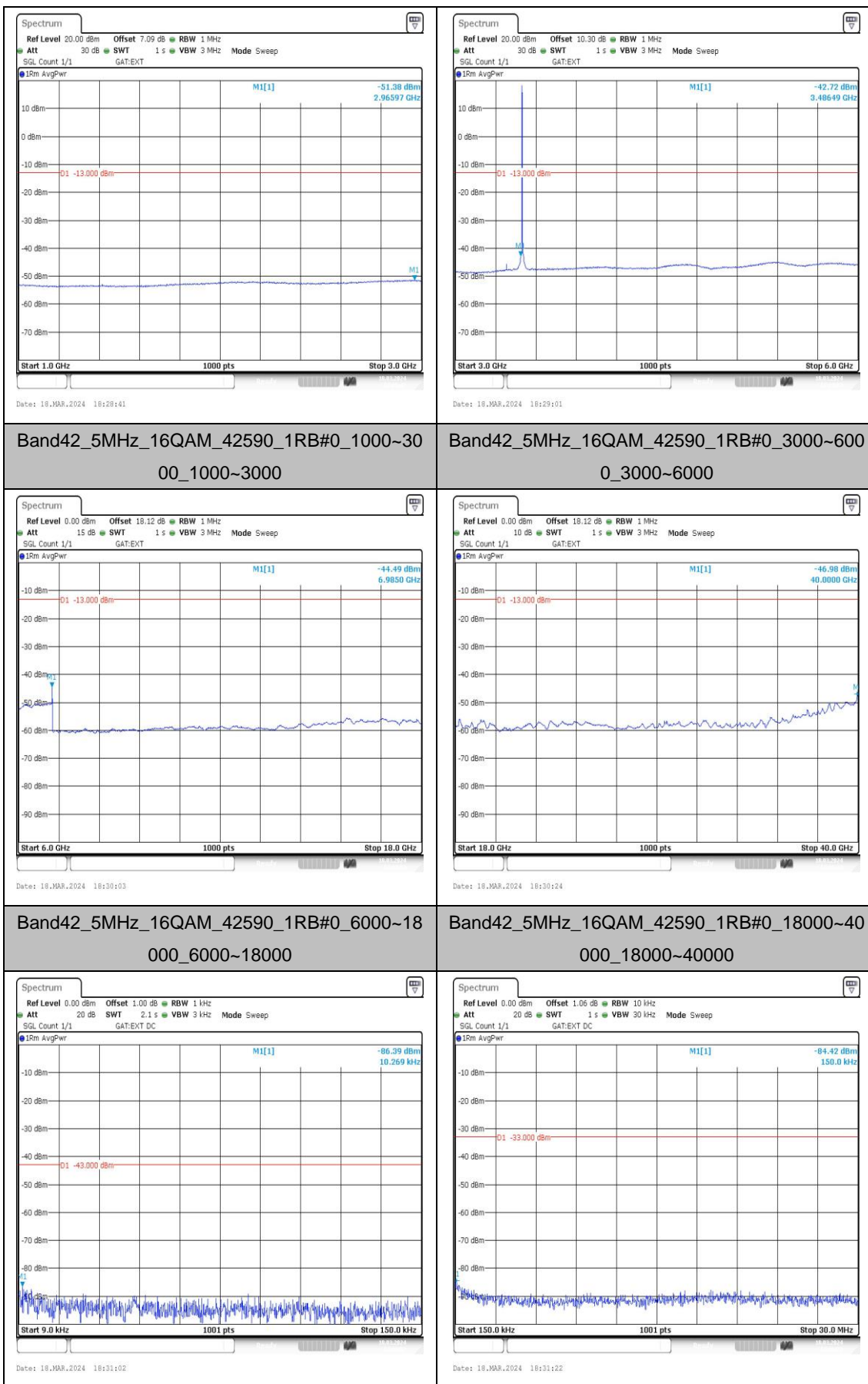
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Band42\_5MHz\_16QAM\_42115\_1RB#0\_0.009~0.15\_5\_0.009~0.15

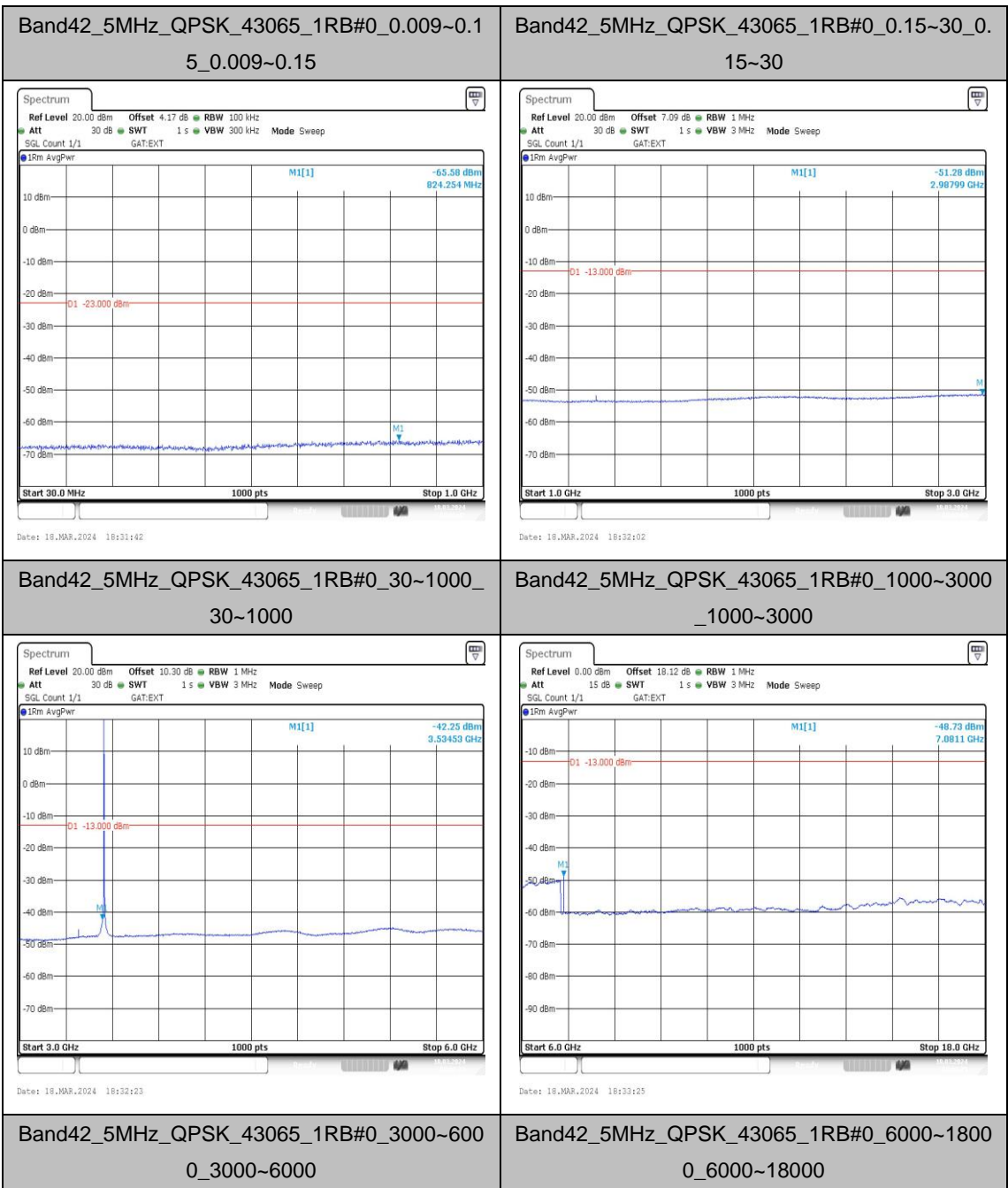


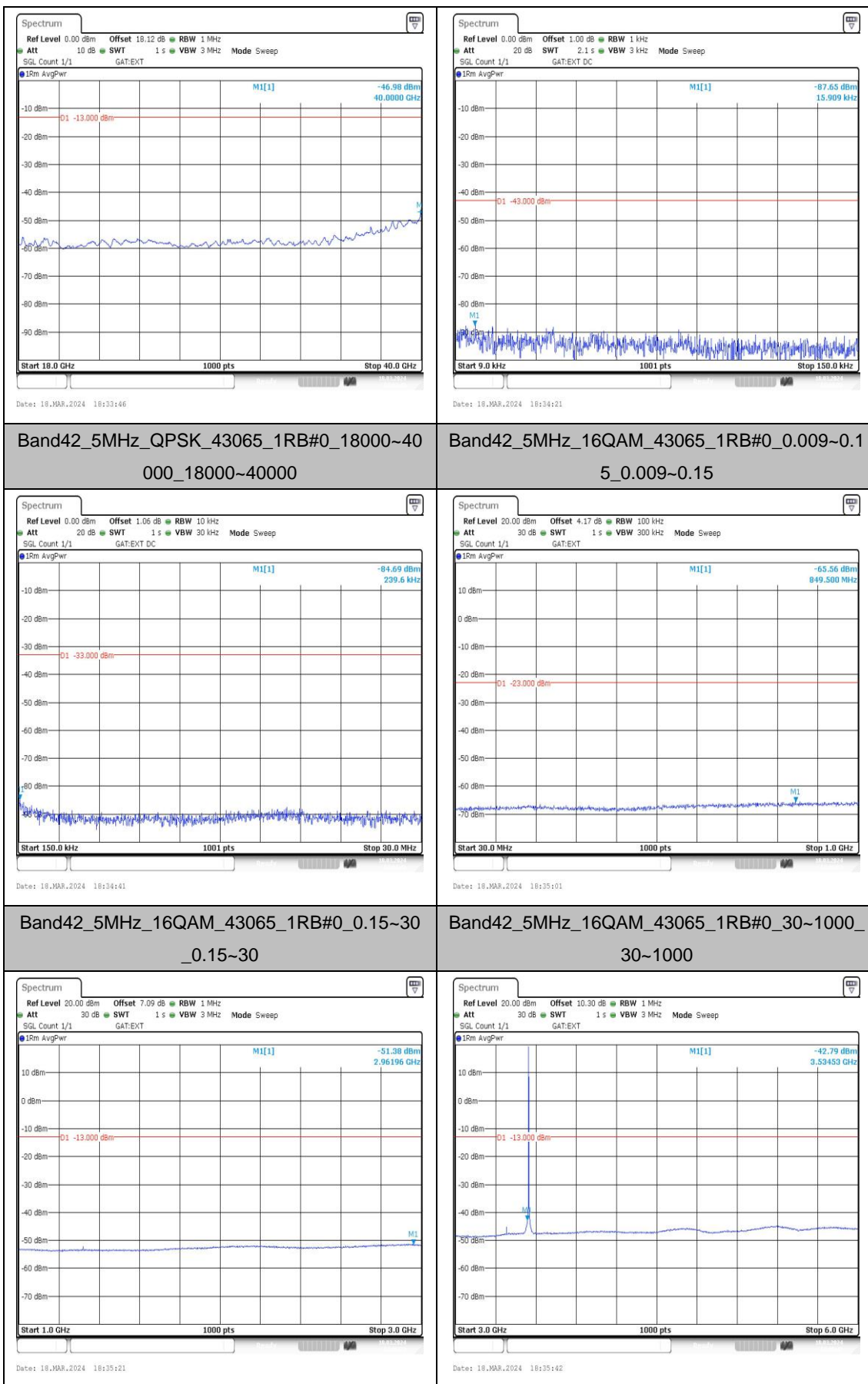


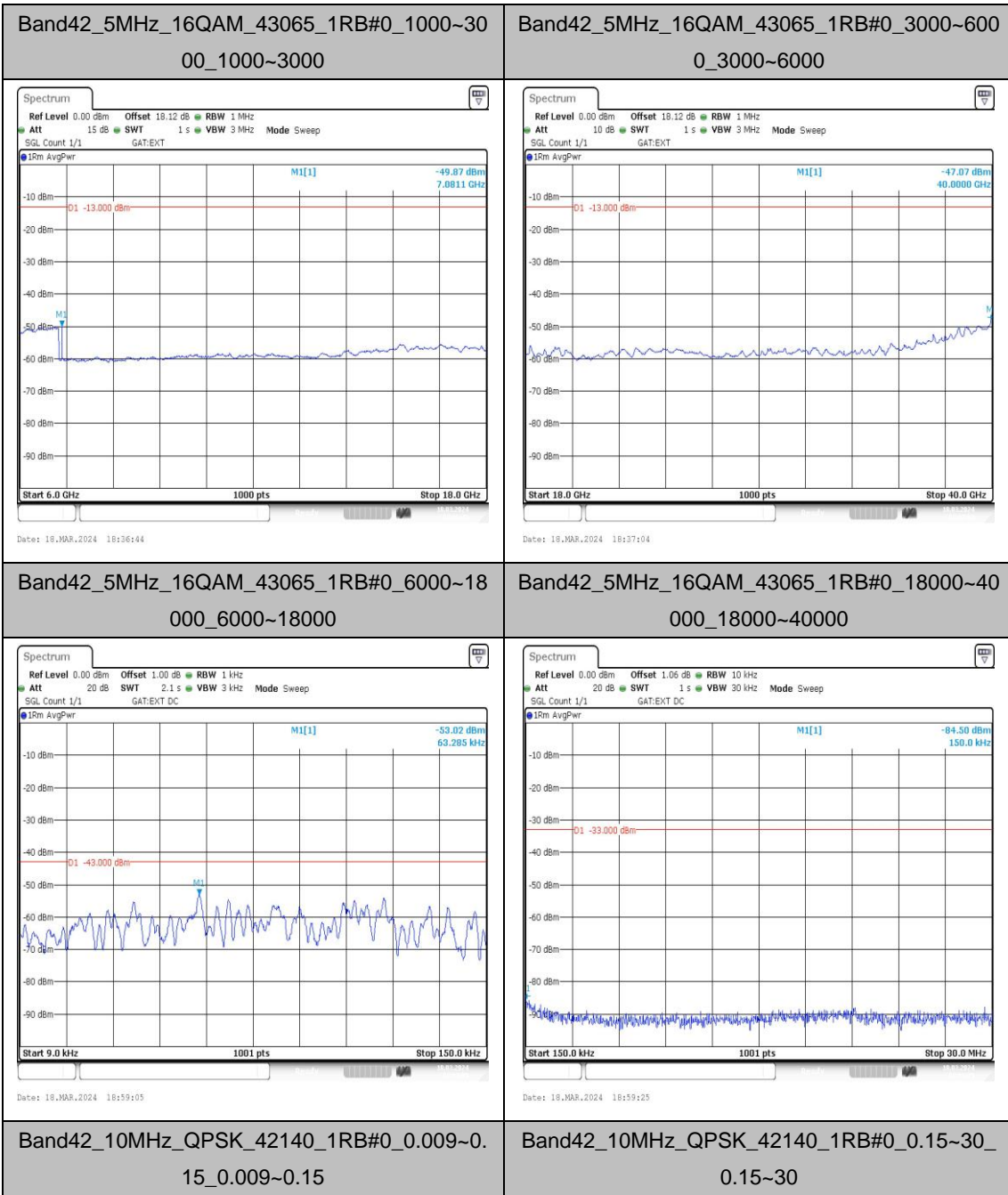


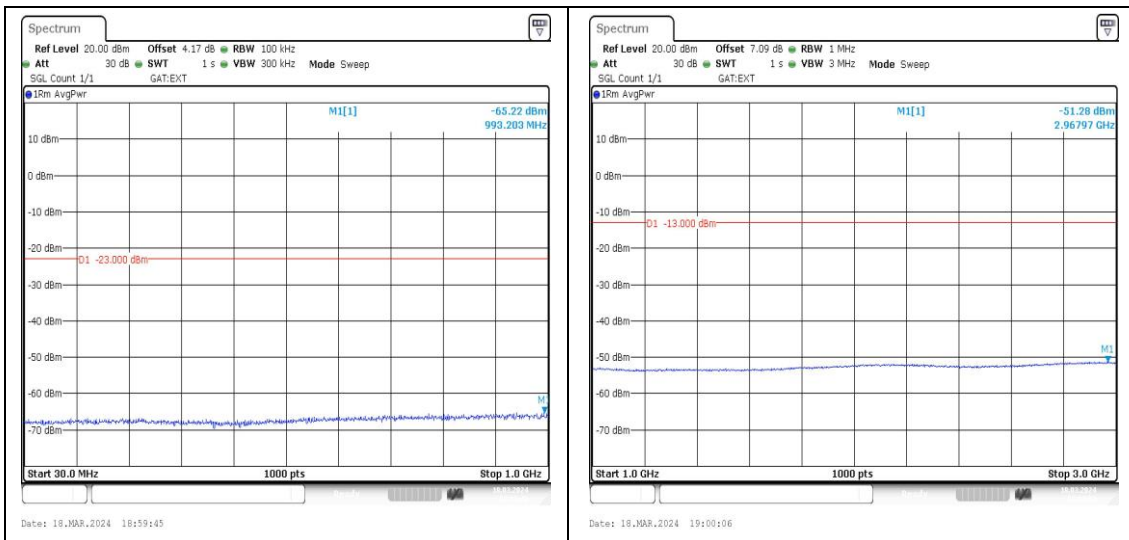




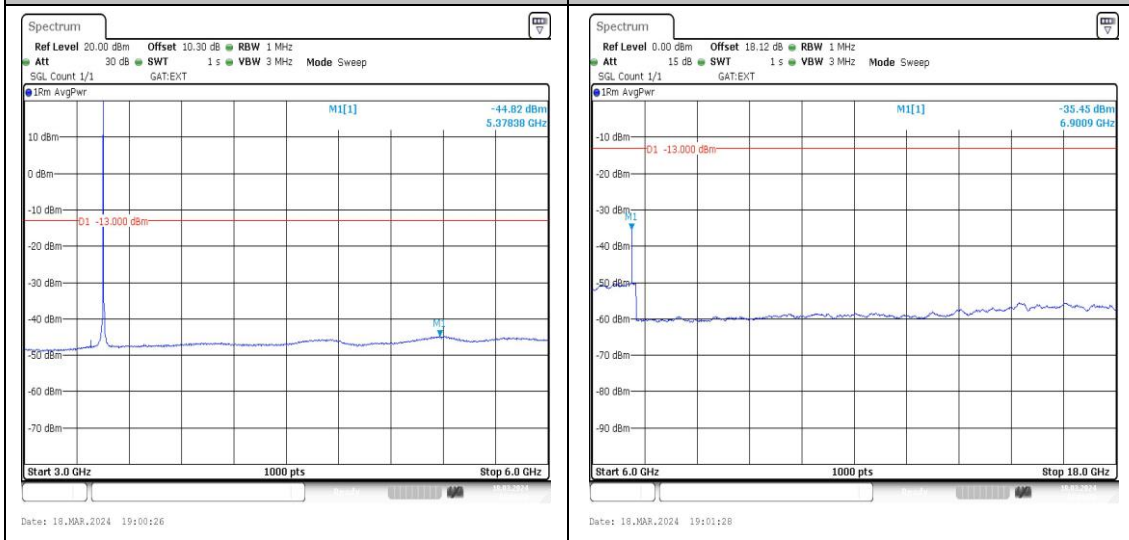








**Band42\_10MHz\_QPSK\_42140\_1RB#0\_30~1000\_30~1000**      **Band42\_10MHz\_QPSK\_42140\_1RB#0\_1000~3000\_0\_1000~3000**



**Band42\_10MHz\_QPSK\_42140\_1RB#0\_3000~6000\_00\_3000~6000**      **Band42\_10MHz\_QPSK\_42140\_1RB#0\_6000~18000\_00\_6000~18000**

