

Appendix for LTE 42C

Product Name: TITAN 5400

Model No: G5G-X62O

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	22.12
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-1RB#99	11.30
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#24-0RB#0	21.95
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	8RB#0-0RB#0	20.69
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	25RB#0-100RB #0	16.94
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	21.09
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-1RB#99	16.92
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#24-0RB#0	20.65
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	8RB#0-0RB#0	19.53
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	25RB#0-100RB #0	16.11
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	21.96
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-1RB#99	16.84
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#24-0RB#0	21.65
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	8RB#0-0RB#0	21.66
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	25RB#0-100RB #0	18.91
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	20.58
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-1RB#99	16.70
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#24-0RB#0	20.50

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	8RB#0-0RB#0	20.52
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	25RB#0-100RB #0	17.86
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-0RB#0	21.40
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-1RB#99	16.02
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#24-0RB#0	21.97
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	8RB#0-0RB#0	21.32
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	25RB#0-100RB #0	18.94
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	20.71
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-1RB#99	16.13
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#24-0RB#0	20.82
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	8RB#0-0RB#0	19.98
42(3450-3550)- 42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	25RB#0-100RB #0	18.21
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-0RB#0	21.85
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-1RB#99	16.26
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#49-0RB#0	21.14
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	12RB#0-0RB#0	21.10
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB #0	15.57
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	20.96
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-1RB#99	16.59
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#49-0RB#0	21.69
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	12RB#0-0RB#0	19.98

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB #0	15.46
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	22.20
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-1RB#99	16.15
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#49-0RB#0	21.48
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	12RB#0-0RB#0	21.58
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB #0	18.08
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	20.77
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-1RB#99	16.43
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#49-0RB#0	20.32
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	12RB#0-0RB#0	20.61
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB #0	17.65
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	22.31
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-1RB#99	16.63
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#49-0RB#0	22.04
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	12RB#0-0RB#0	20.69
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB #0	18.35
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	20.90
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-1RB#99	16.49
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#49-0RB#0	20.66
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	12RB#0-0RB#0	20.69
42(3450-3550)- 42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB	17.77

42(3450-3550)				#0	
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	21.38
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-1RB#99	16.10
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#74-0RB#0	21.77
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	16RB#0-0RB#0	20.17
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB #0	16.55
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	20.32
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-1RB#99	16.94
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#74-0RB#0	21.05
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	16RB#0-0RB#0	20.05
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB #0	16.47
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	21.70
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-1RB#99	16.13
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#74-0RB#0	21.34
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	16RB#0-0RB#0	21.31
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB #0	17.69
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	20.73
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-1RB#99	16.18
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#74-0RB#0	20.12
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	16RB#0-0RB#0	19.75
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB #0	16.69
42(3450-3550)-	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	21.81

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-1RB#99	16.62
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#74-0RB#0	20.69
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42819-42990	16RB#0-0RB#0	20.85
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB #0	17.06
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	20.36
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-1RB#99	16.63
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#74-0RB#0	20.65
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	16RB#0-0RB#0	20.50
42(3450-3550)- 42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB #0	16.69
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	22.72
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-1RB#24	16.58
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#99-0RB#0	22.30
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	18RB#0-0RB#0	20.49
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB #0	17.84
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	20.90
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-1RB#24	16.90
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#99-0RB#0	21.46
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	18RB#0-0RB#0	19.84
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB #0	16.66
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	22.20
42(3450-3550)-	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-1RB#24	16.78

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#99-0RB#0	21.97
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42565-42682	18RB#0-0RB#0	20.26
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB #0	17.03
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	21.51
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-1RB#24	12.90
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#99-0RB#0	20.46
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	18RB#0-0RB#0	19.51
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB #0	16.35
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	22.08
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-1RB#24	16.91
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#99-0RB#0	22.22
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	18RB#0-0RB#0	20.27
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB #0	17.14
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	21.60
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-1RB#24	16.53
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#99-0RB#0	21.63
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	18RB#0-0RB#0	19.66
42(3450-3550)- 42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB #0	16.41
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	22.48
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-1RB#49	16.54
42(3450-3550)-	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#99-0RB#0	21.87

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42190-42334	18RB#0-0RB#0	20.47
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB #0	17.09
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	20.99
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-1RB#49	16.37
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#99-0RB#0	20.44
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	18RB#0-0RB#0	19.54
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB #0	15.75
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	22.18
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-1RB#49	16.64
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#99-0RB#0	21.15
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	18RB#0-0RB#0	20.18
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB #0	17.20
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	21.08
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-1RB#49	16.90
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#99-0RB#0	21.27
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	18RB#0-0RB#0	19.73
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB #0	16.24
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	21.89
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-1RB#49	16.96
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#99-0RB#0	21.43
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	18RB#0-0RB#0	20.07

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB #0	17.16
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	21.59
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-1RB#49	16.49
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#99-0RB#0	21.88
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	18RB#0-0RB#0	19.21
42(3450-3550)- 42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB #0	16.55
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	22.03
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-1RB#74	16.10
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#99-0RB#0	21.87
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	18RB#0-0RB#0	20.36
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB #0	16.01
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	21.48
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-1RB#74	16.55
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#99-0RB#0	21.58
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	18RB#0-0RB#0	19.76
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB #0	16.55
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	22.51
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-1RB#74	16.61
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#99-0RB#0	22.01
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	18RB#0-0RB#0	20.81
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB	17.41

42(3450-3550)				#0	
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	21.19
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-1RB#74	16.73
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#99-0RB#0	21.26
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	18RB#0-0RB#0	19.76
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB #0	16.47
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	22.15
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-1RB#74	16.90
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#99-0RB#0	21.60
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	18RB#0-0RB#0	20.47
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB #0	17.71
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	20.27
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-1RB#74	16.79
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#99-0RB#0	21.12
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	18RB#0-0RB#0	19.07
42(3450-3550)- 42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB #0	16.87
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	22.31
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-1RB#99	16.88
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#99-0RB#0	21.89
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	18RB#0-0RB#0	21.81
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100R B#0	16.16
42(3450-3550)-	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	21.04

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-1RB#99	16.57
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#99-0RB#0	21.75
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42190-42388	18RB#0-0RB#0	20.50
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100R B#0	14.25
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	22.59
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-1RB#99	16.81
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#99-0RB#0	21.79
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	18RB#0-0RB#0	21.69
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100R B#0	16.67
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	21.53
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-1RB#99	16.73
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#99-0RB#0	21.47
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	18RB#0-0RB#0	20.74
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100R B#0	16.13
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	22.05
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-1RB#99	16.55
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#99-0RB#0	21.83
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	18RB#0-0RB#0	21.58
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100R B#0	17.25
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	21.47
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-1RB#99	16.45

42(3450-3550)					
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#99-0RB#0	21.15
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	18RB#0-0RB#0	20.46
42(3450-3550)- 42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100R B#0	16.36

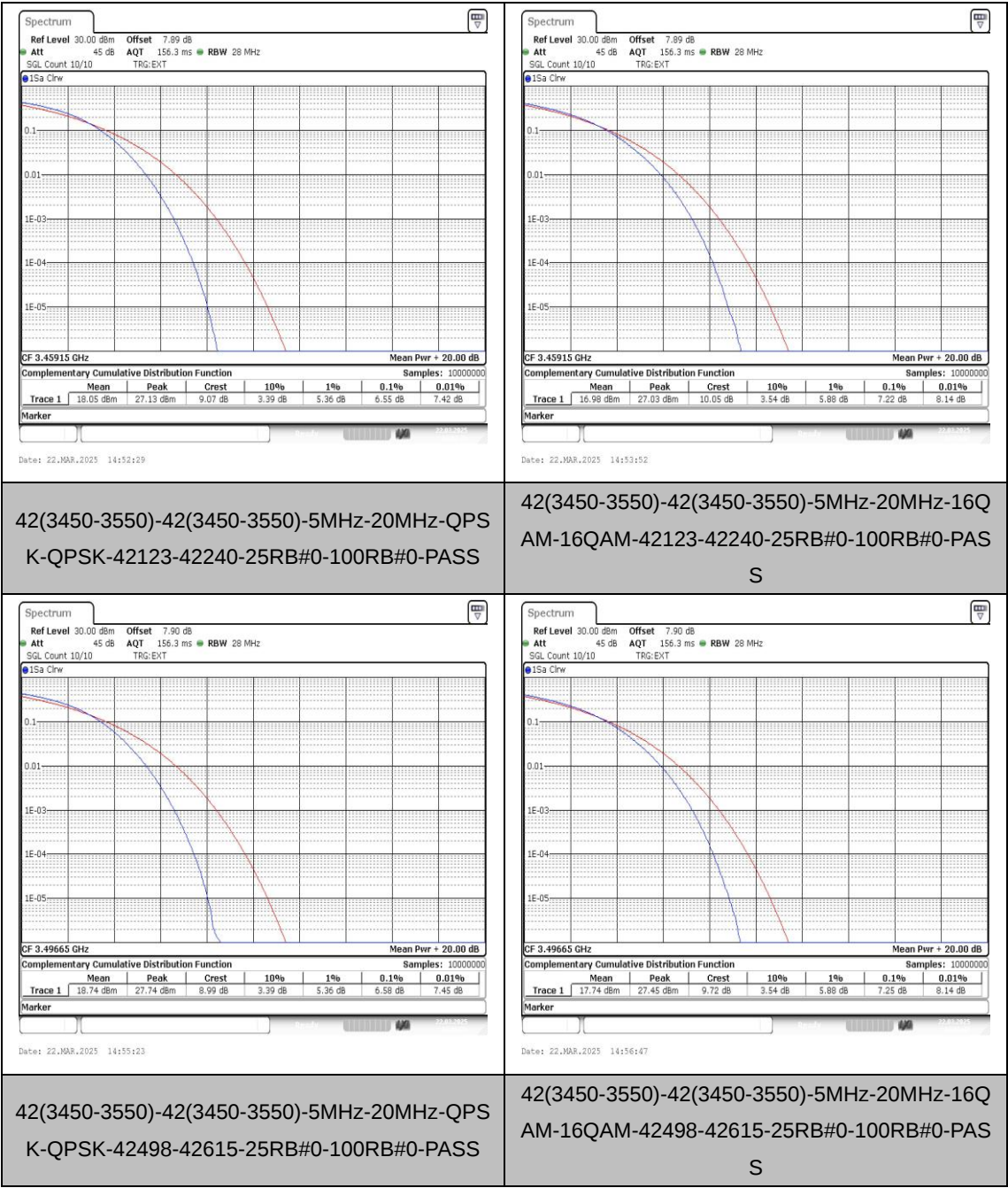
Appendix B: Peak-to-Average Ratio(CCDF)

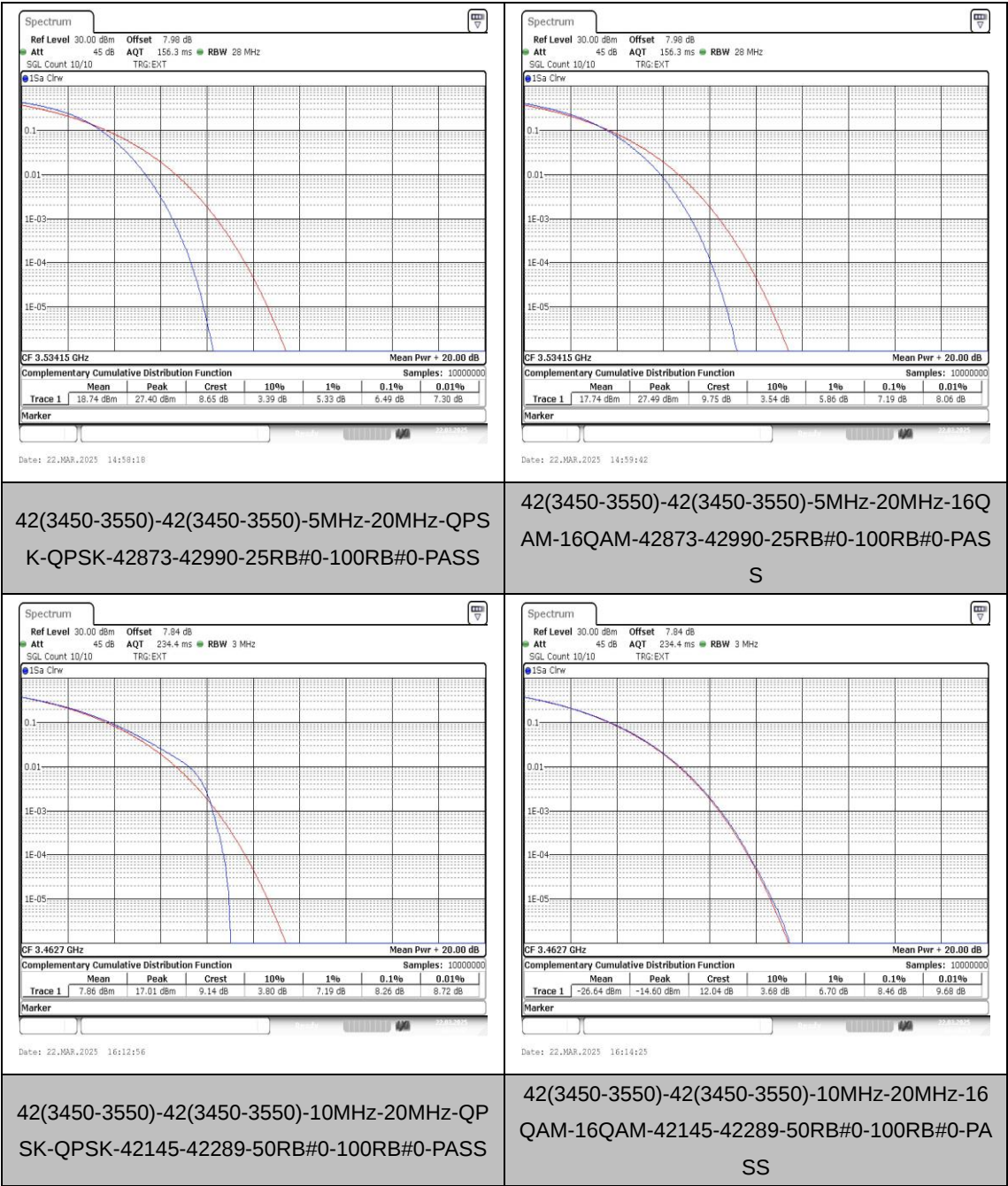
Test Result

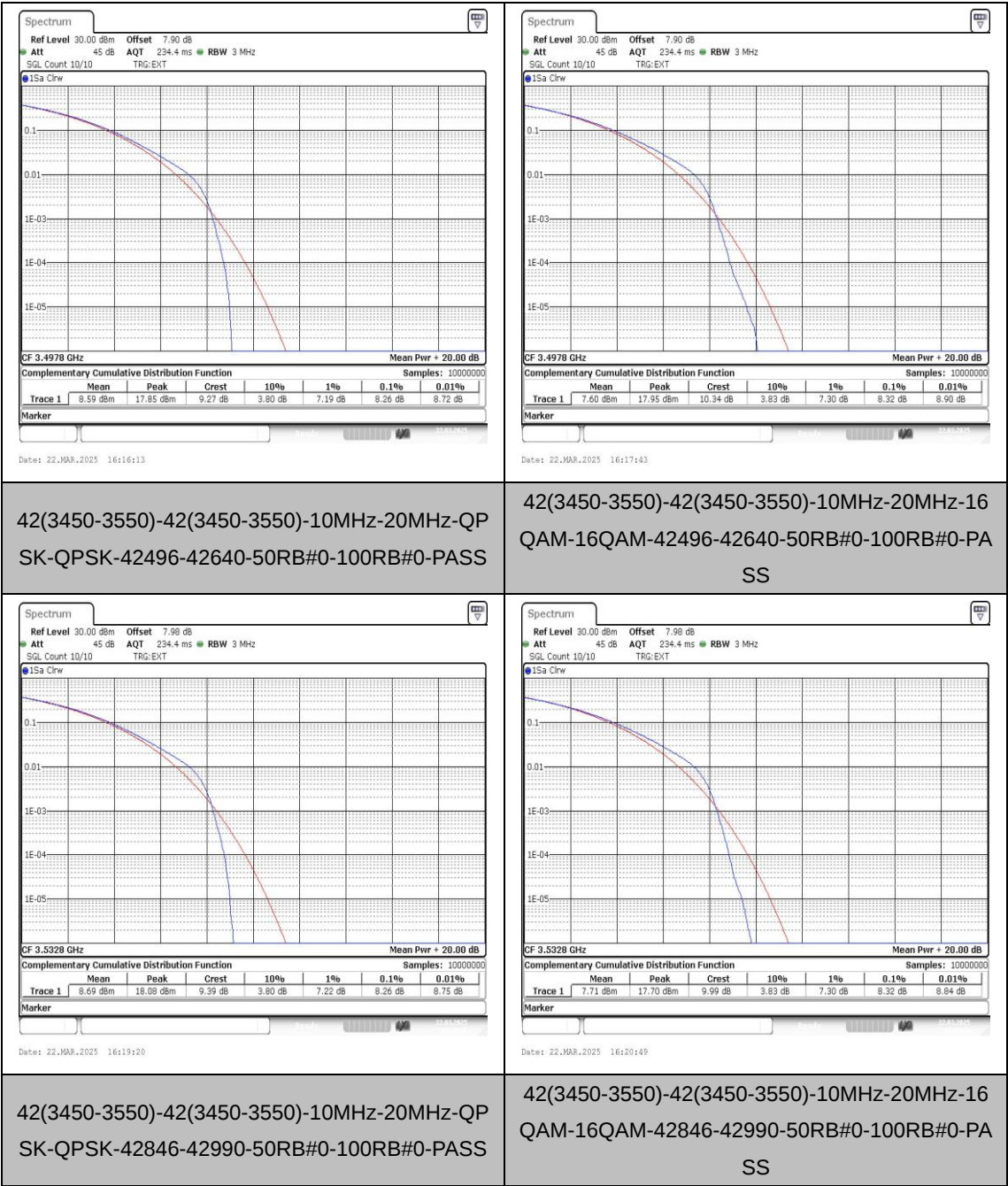
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)
42(3450-3550)-42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42123-42240	25RB#0-100RB#0	6.55
42(3450-3550)-42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42123-42240	25RB#0-100RB#0	7.22
42(3450-3550)-42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42498-42615	25RB#0-100RB#0	6.58
42(3450-3550)-42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42498-42615	25RB#0-100RB#0	7.25
42(3450-3550)-42(3450-3550)	5MHz-20MHz	QPSK-QPSK	42873-42990	25RB#0-100RB#0	6.49
42(3450-3550)-42(3450-3550)	5MHz-20MHz	16QAM-16QAM	42873-42990	25RB#0-100RB#0	7.19
42(3450-3550)-42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	8.26
42(3450-3550)-42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	8.46
42(3450-3550)-42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	8.26
42(3450-3550)-42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	8.32
42(3450-3550)-42(3450-3550)	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	8.26
42(3450-3550)-42(3450-3550)	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	8.32
42(3450-3550)-42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	8.46
42(3450-3550)-42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	8.55
42(3450-3550)-42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	8.43
42(3450-3550)-42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	8.52
42(3450-3550)-42(3450-3550)	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	8.43
42(3450-3550)-42(3450-3550)	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	8.52
42(3450-3550)-42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	6.67
42(3450-3550)-42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	7.25
42(3450-3550)-42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	6.67
42(3450-3550)-42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	7.25
42(3450-3550)-42(3450-3550)	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	6.61
42(3450-3550)-42(3450-3550)	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	7.22
42(3450-3550)-42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	7.30
42(3450-3550)-42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	7.68
42(3450-3550)-42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	7.13
42(3450-3550)-42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	7.65
42(3450-3550)-42(3450-3550)	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	7.30
42(3450-3550)-42(3450-3550)	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	7.74
42(3450-3550)-42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	7.88
42(3450-3550)-42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	8.06
42(3450-3550)-42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	7.91
42(3450-3550)-42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	8.06
42(3450-3550)-42(3450-3550)	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	7.86

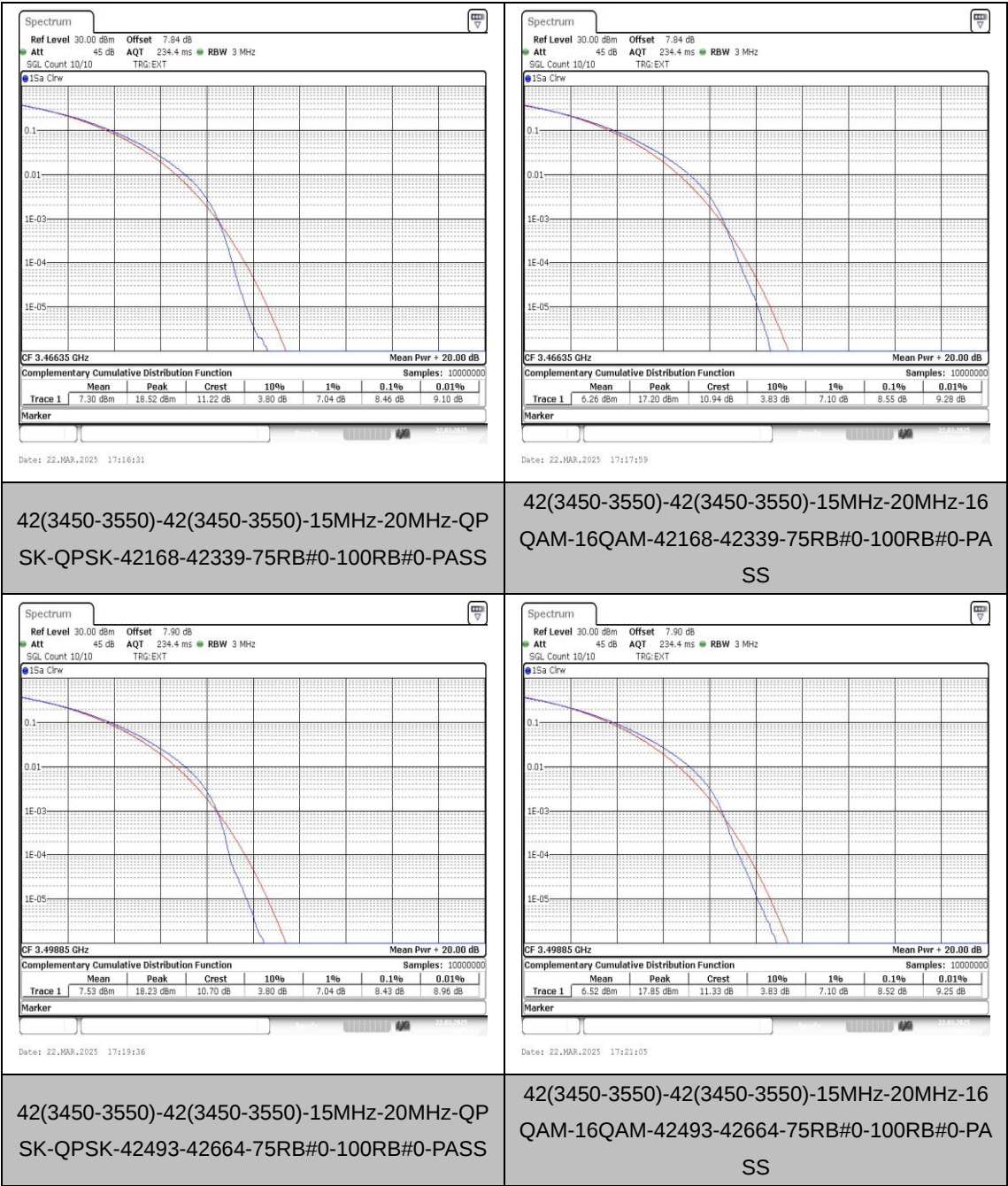
42(3450-3550)-42(3450-3550)	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	8.09
42(3450-3550)-42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	8.12
42(3450-3550)-42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	8.23
42(3450-3550)-42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	8.14
42(3450-3550)-42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	8.23
42(3450-3550)-42(3450-3550)	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	8.17
42(3450-3550)-42(3450-3550)	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	8.26

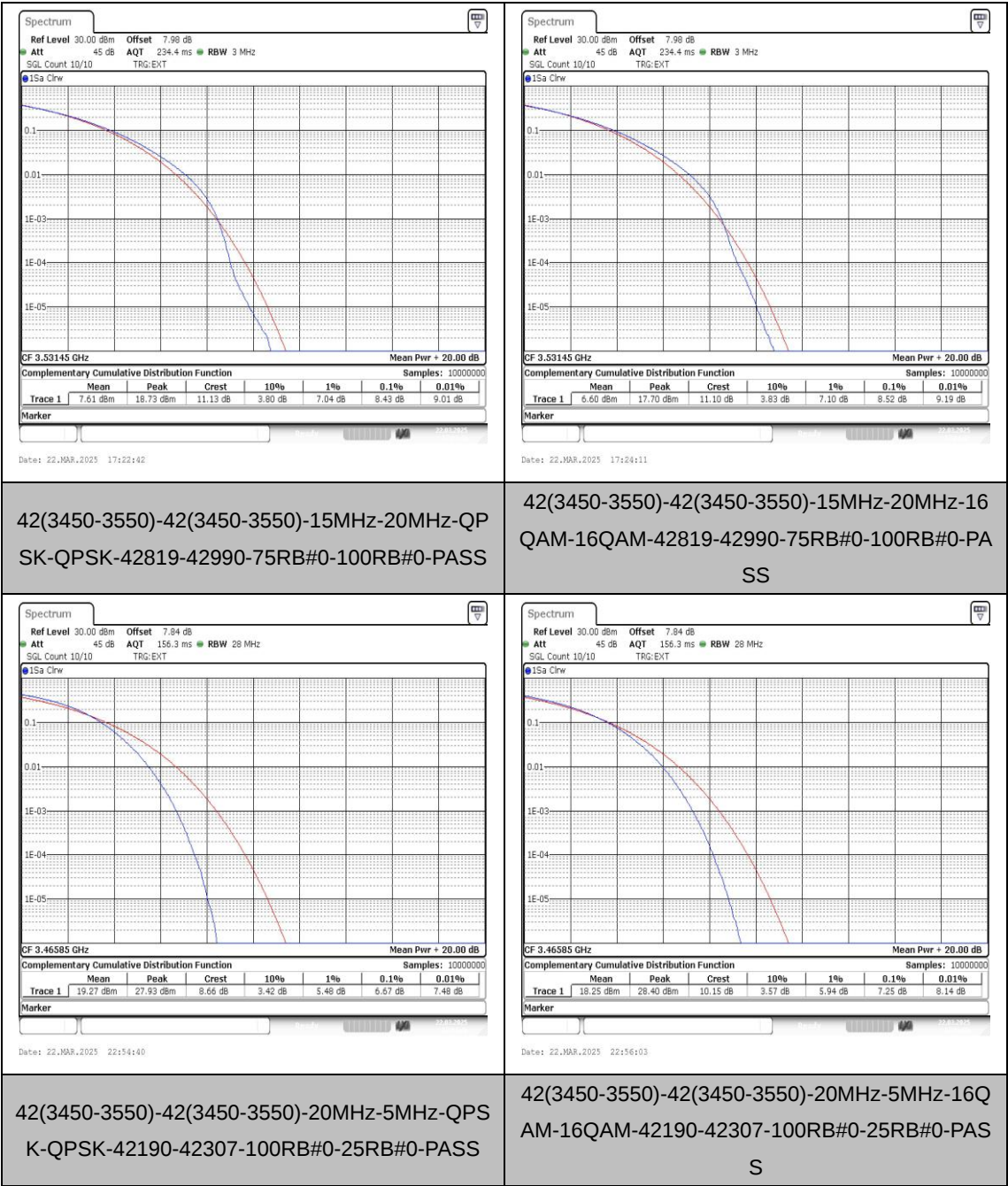
Test Graphs

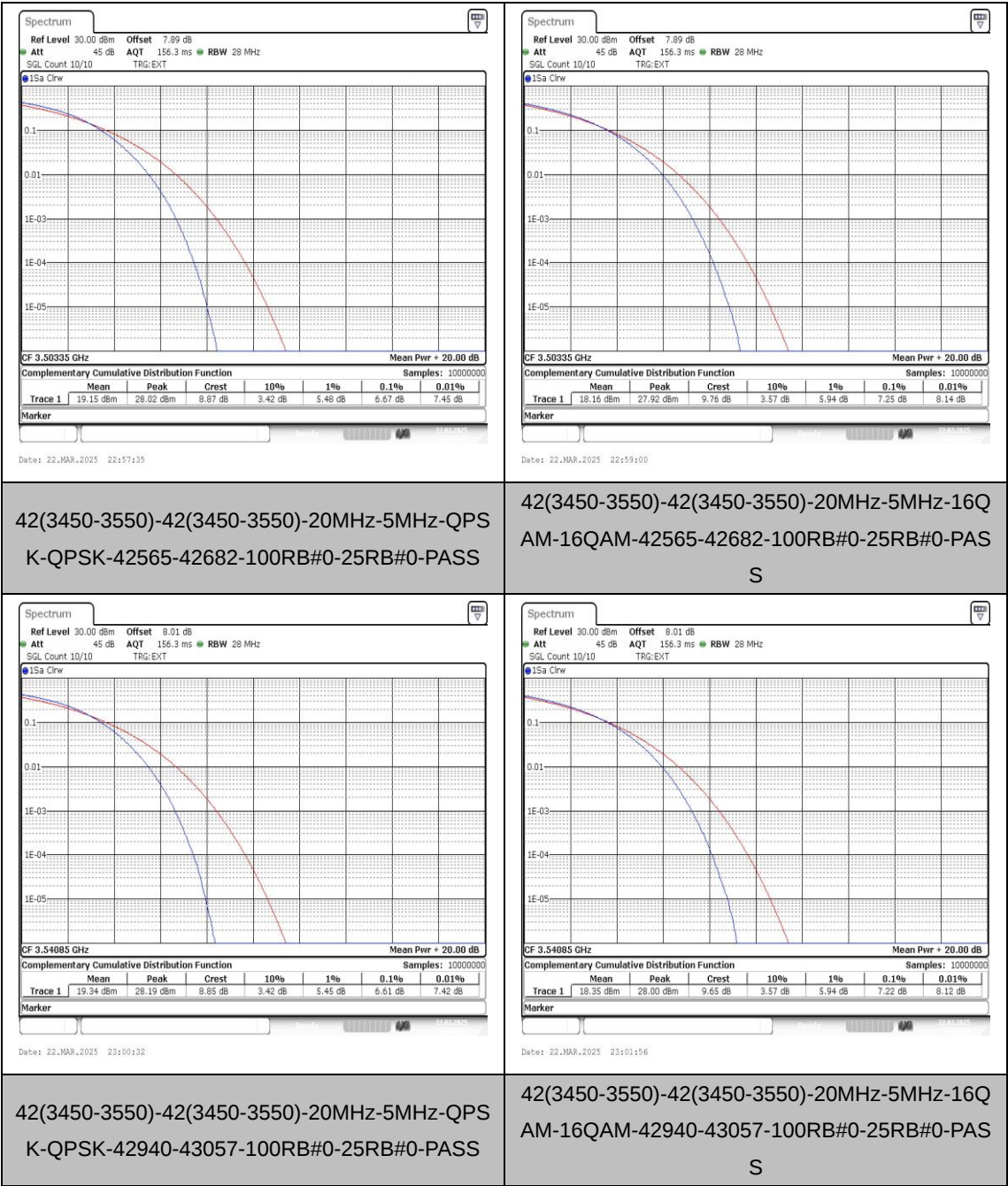


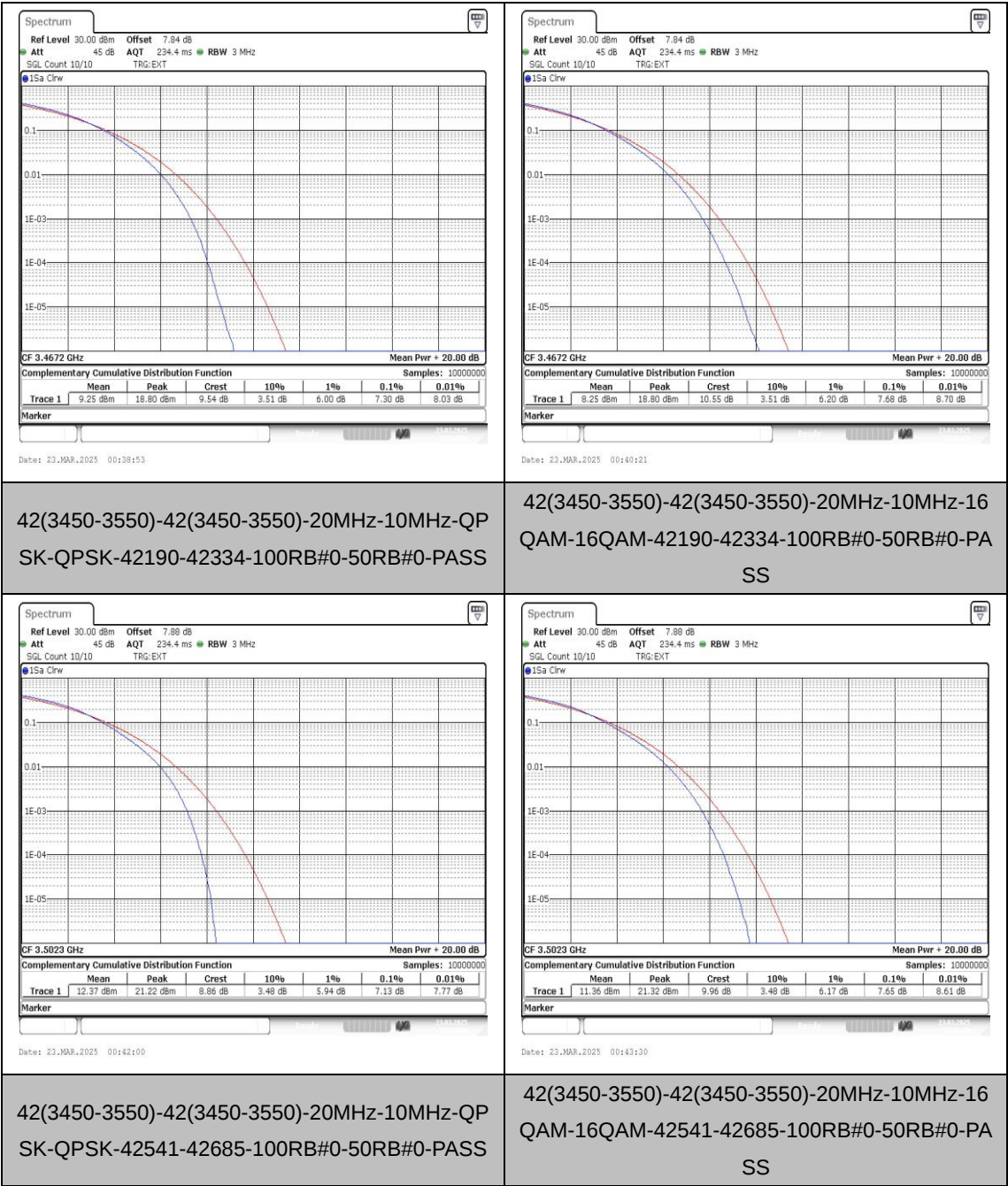


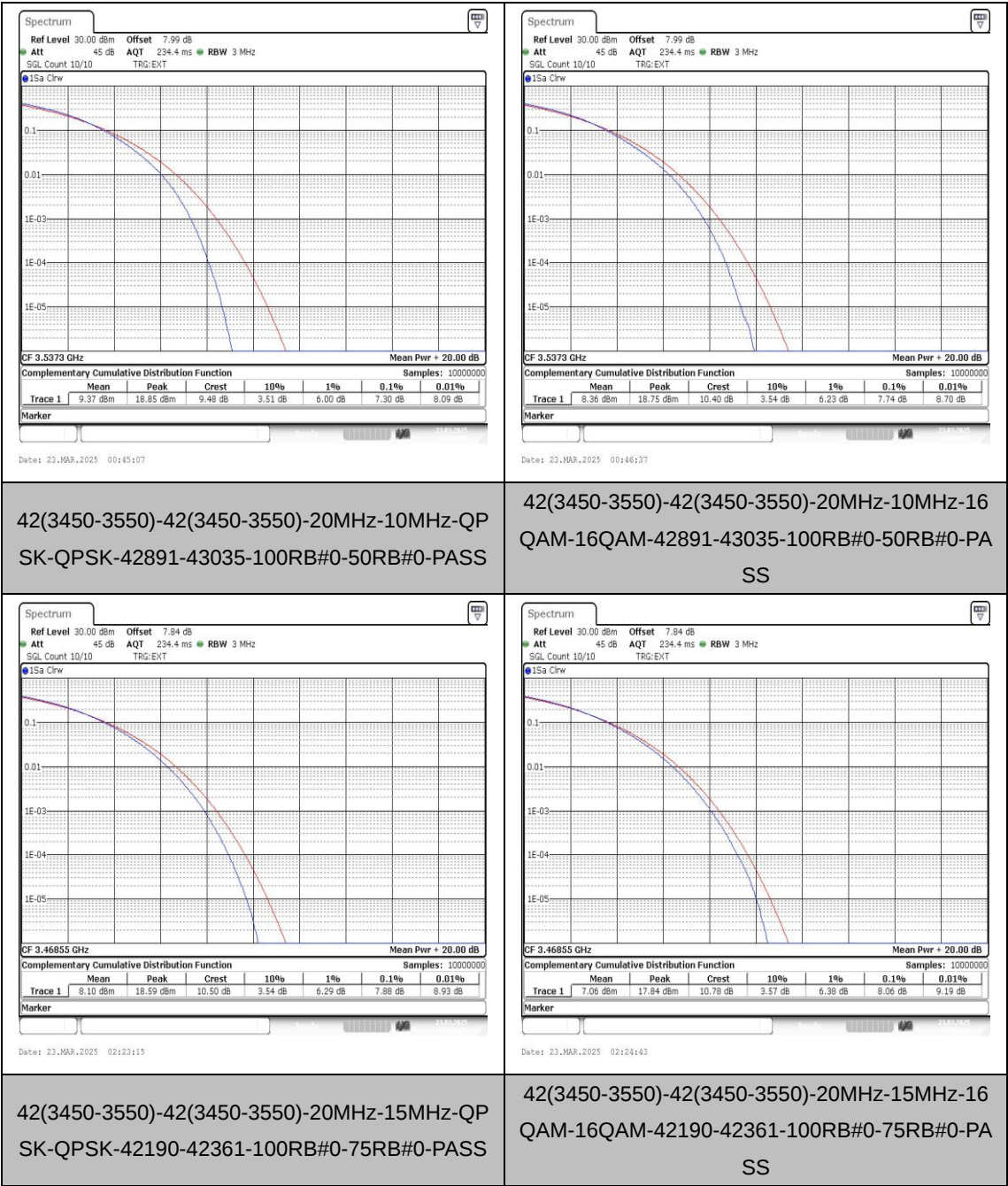


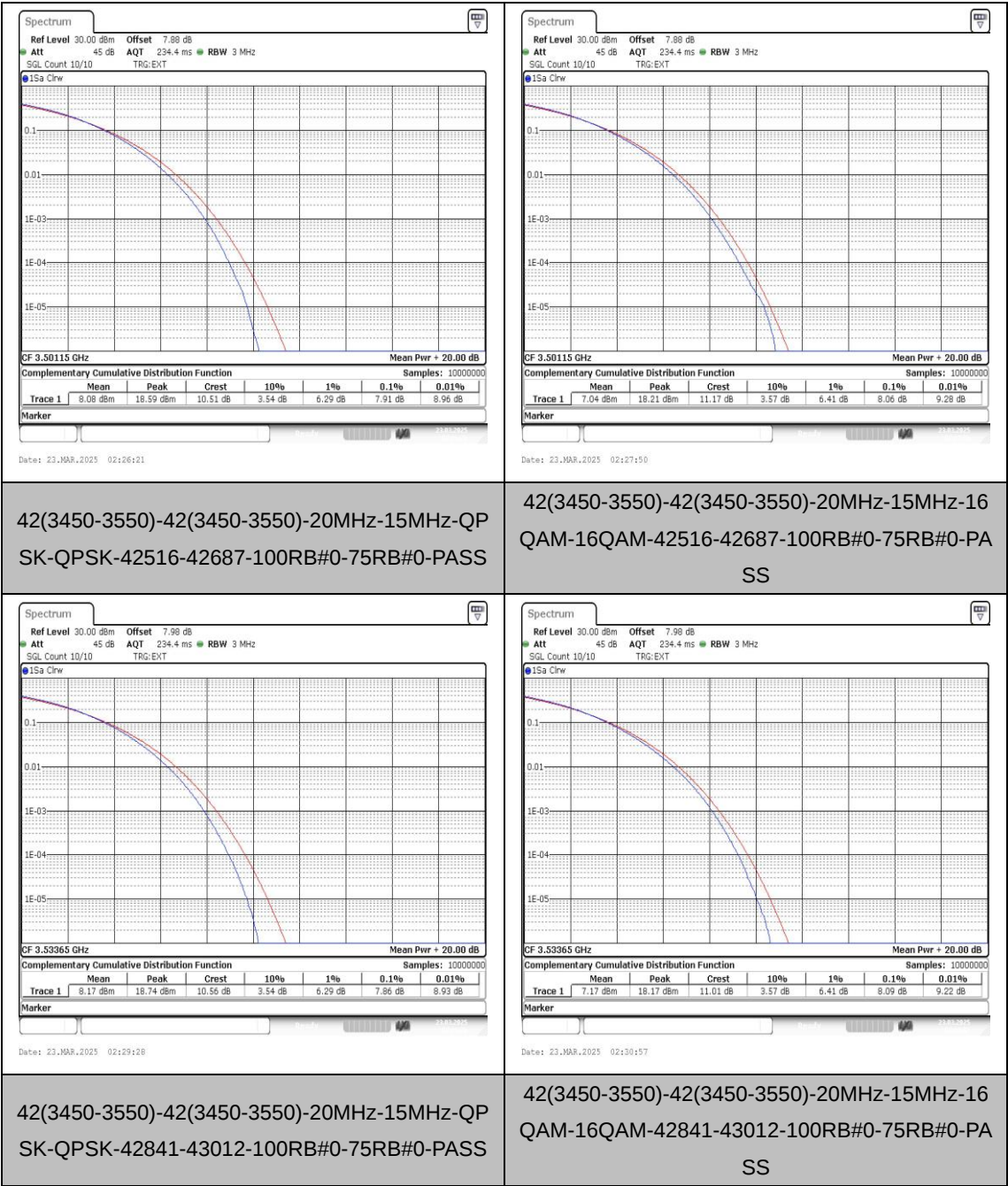


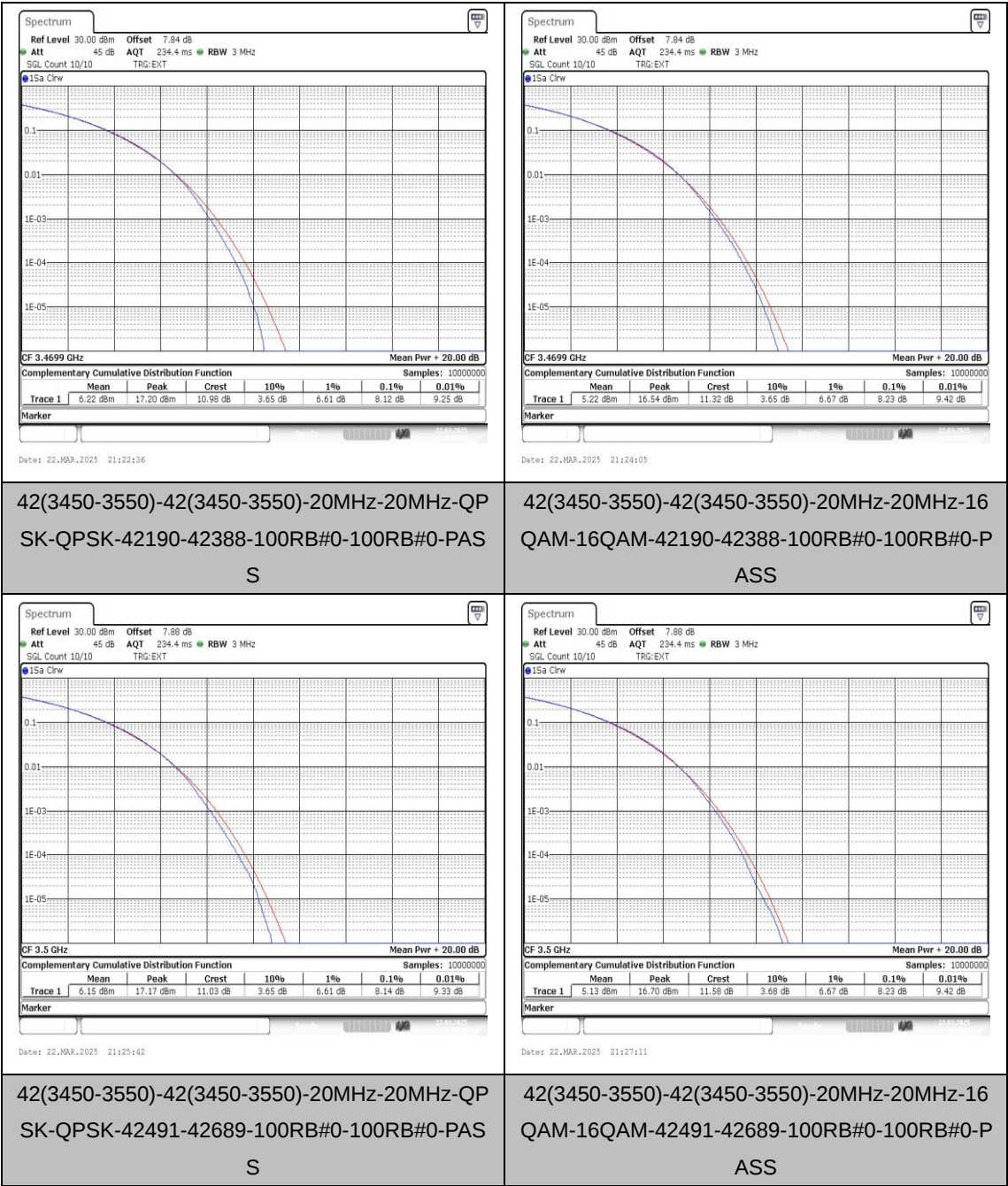


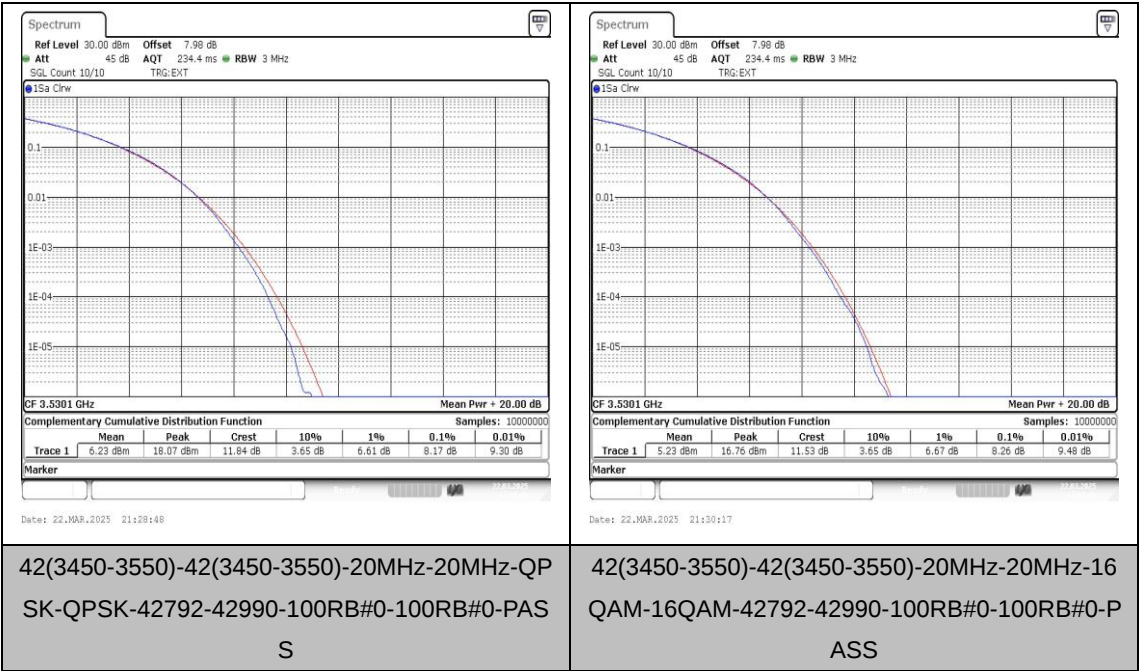












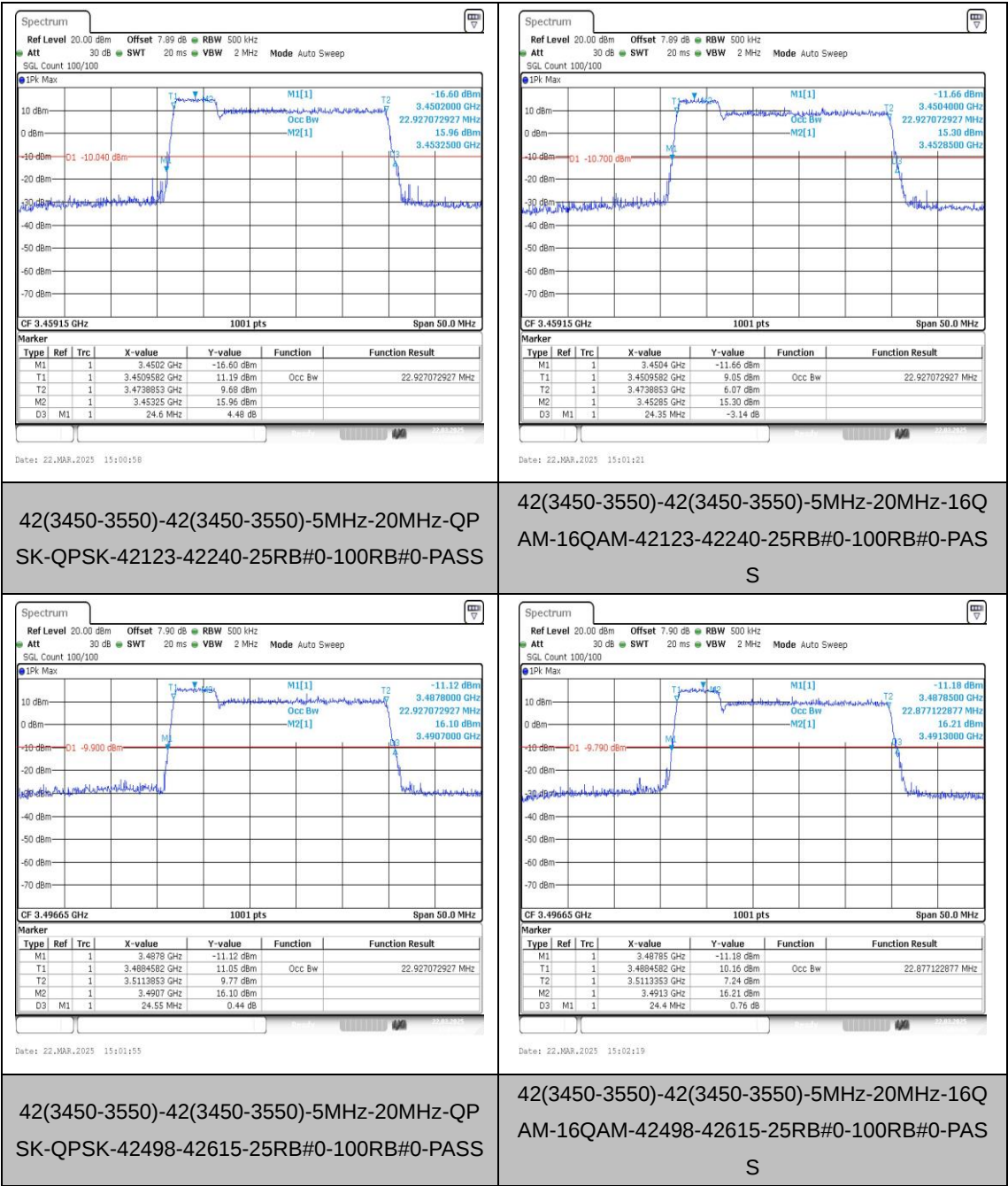
Appendix C: 26dB Bandwidth and Occupied Bandwidth

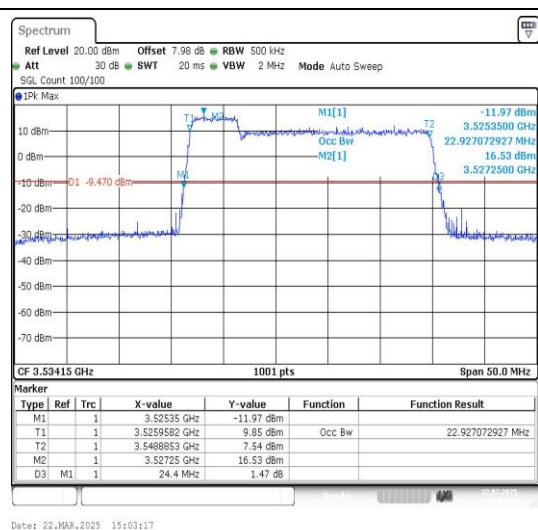
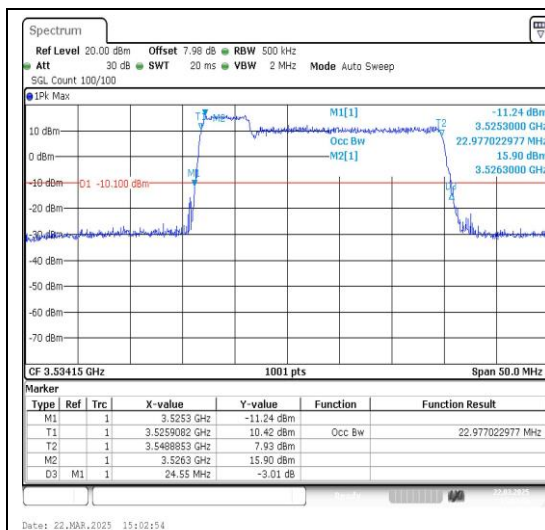
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
5MHz-20MHz	QPSK-QPSK	42123-42240	25RB#0-100RB#0	22.927	24.60	PASS
5MHz-20MHz	16QAM-16QAM	42123-42240	25RB#0-100RB#0	22.927	24.35	PASS
5MHz-20MHz	QPSK-QPSK	42498-42615	25RB#0-100RB#0	22.927	24.55	PASS
5MHz-20MHz	16QAM-16QAM	42498-42615	25RB#0-100RB#0	22.877	24.40	PASS
5MHz-20MHz	QPSK-QPSK	42873-42990	25RB#0-100RB#0	22.977	24.55	PASS
5MHz-20MHz	16QAM-16QAM	42873-42990	25RB#0-100RB#0	22.927	24.40	PASS
10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	27.752	29.64	PASS
10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	27.752	29.58	PASS
10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	27.752	29.58	PASS
10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	27.752	29.46	PASS
10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	9.231	10.50	PASS
10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	9.291	10.68	PASS
15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	32.587	34.79	PASS
15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	32.587	34.72	PASS
15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	32.657	34.58	PASS
15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	32.587	34.79	PASS
15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	32.587	34.72	PASS
15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	32.587	34.65	PASS
20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	22.877	24.45	PASS
20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	22.927	24.35	PASS
20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	22.977	24.35	PASS
20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	22.927	24.30	PASS
20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	22.877	24.50	PASS
20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	22.927	24.35	PASS
20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	27.812	29.52	PASS
20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	27.752	29.52	PASS
20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	17.982	20.10	PASS
20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	18.102	20.10	PASS
20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	17.982	19.92	PASS
20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	17.982	19.98	PASS
20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	32.657	34.72	PASS
20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	32.657	34.72	PASS
20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	32.657	34.72	PASS

20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	32.587	34.72	PASS
20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	32.657	34.72	PASS
20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	32.587	34.65	PASS
20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	37.802	40.72	PASS
20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	37.722	40.64	PASS
20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	37.882	40.64	PASS
20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	37.722	42.08	PASS
20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	37.802	40.64	PASS
20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	37.882	40.64	PASS

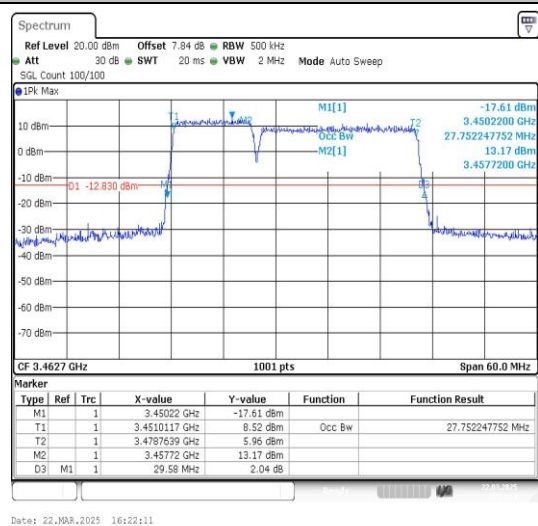
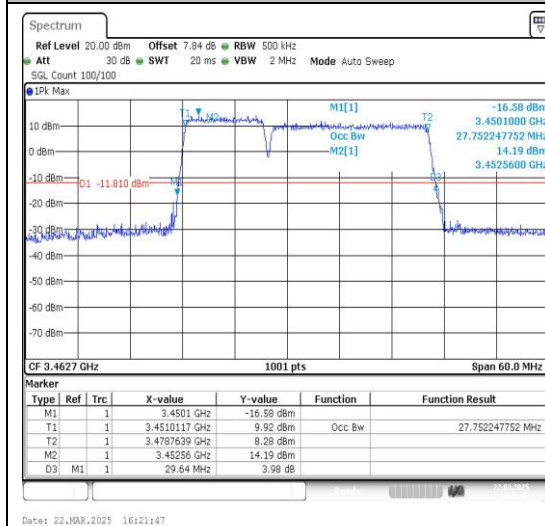
Test Graphs





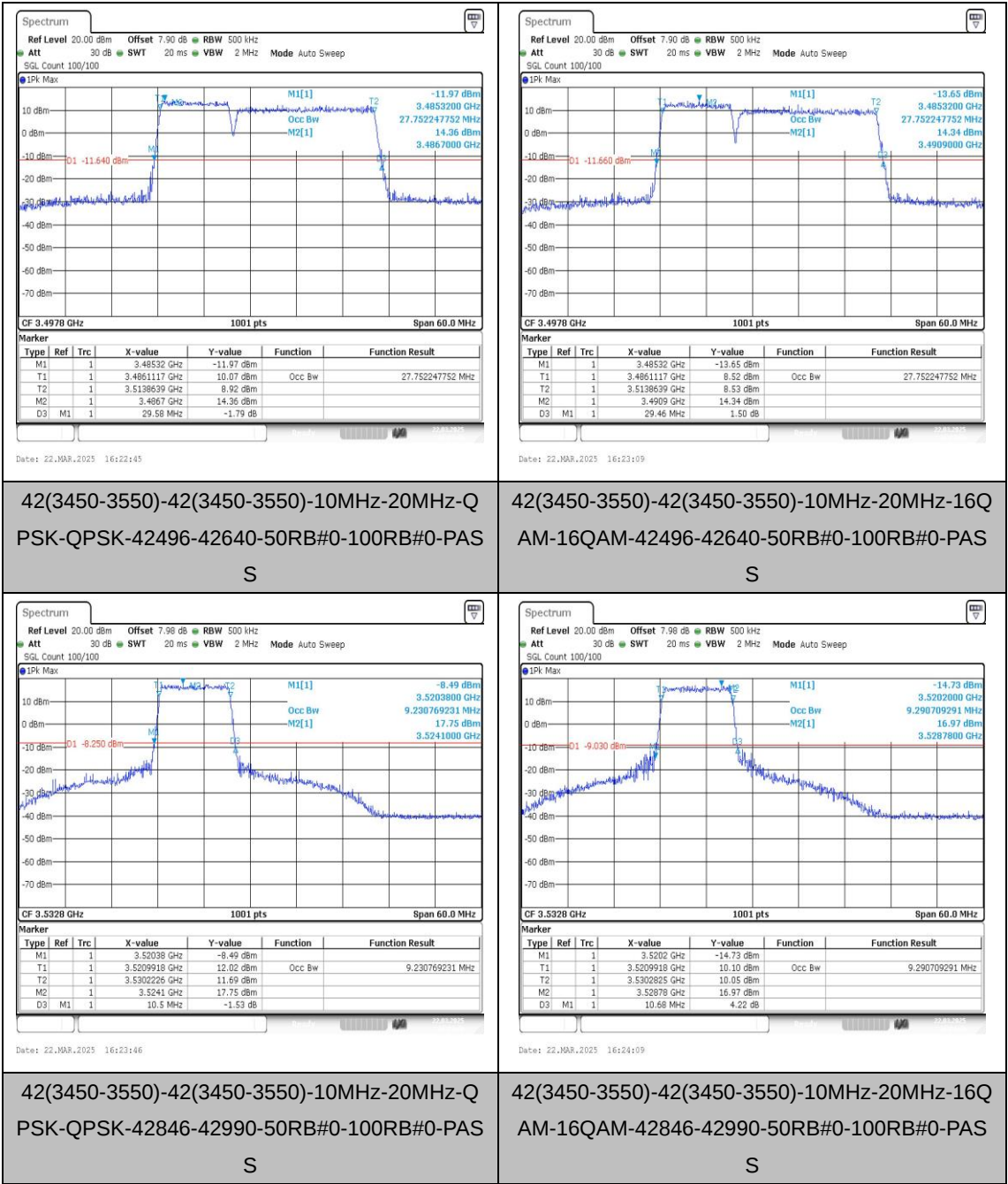
42(3450-3550)-42(3450-3550)-5MHz-20MHz-QP
SK-QPSK-42873-42990-25RB#0-100RB#0-PASS

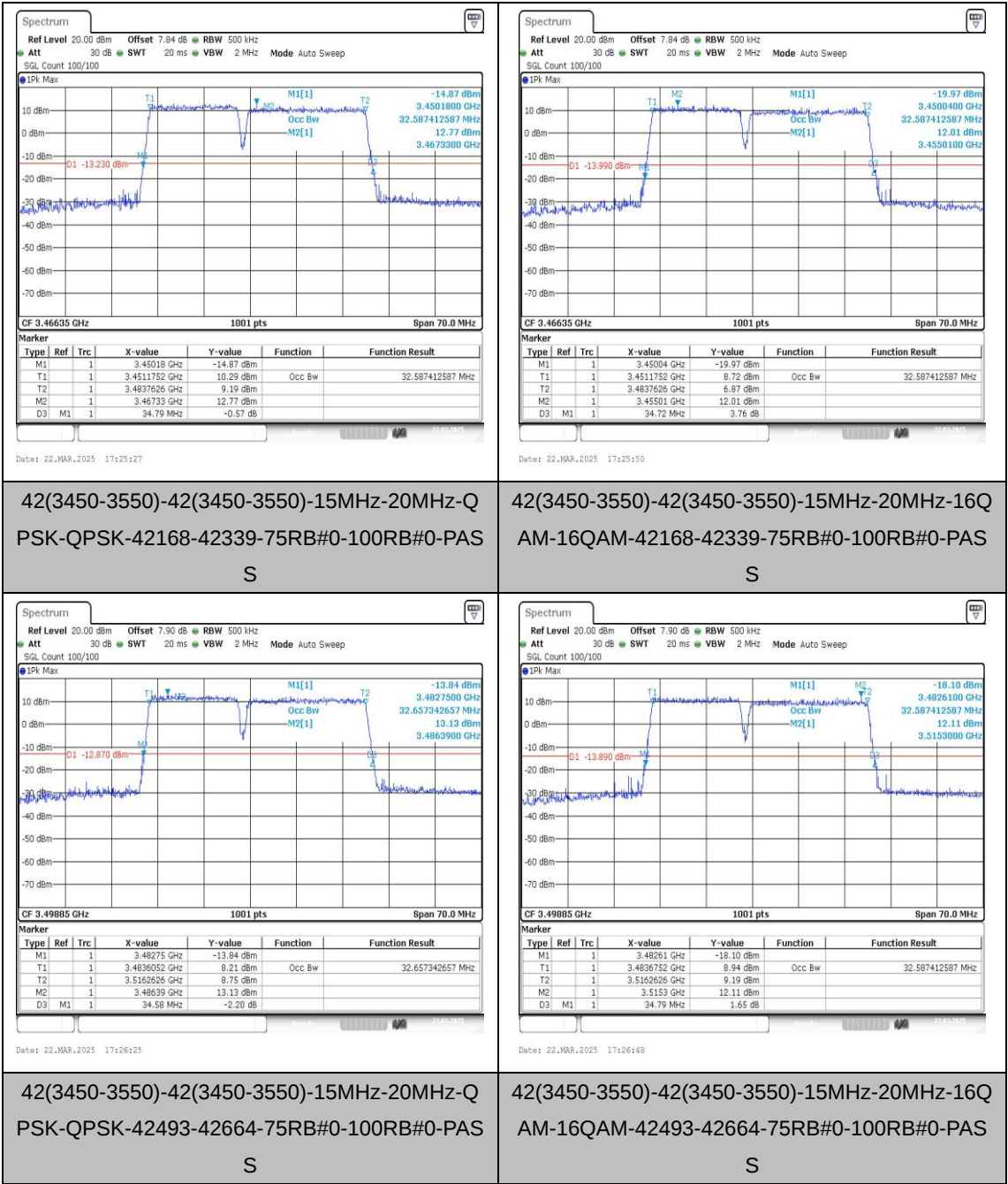
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AM-16QAM-42873-42990-25RB#0-100RB#0-PAS
S

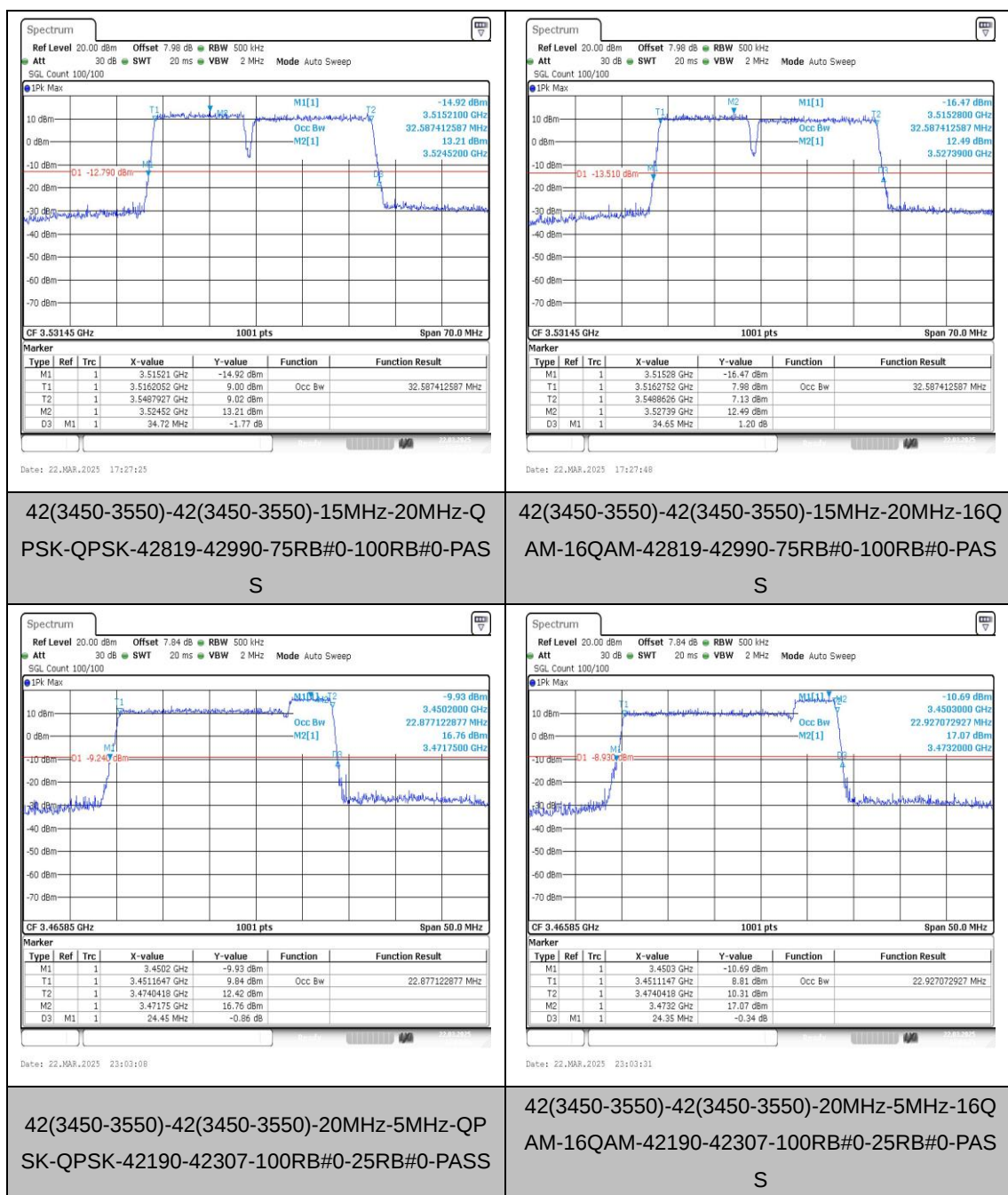


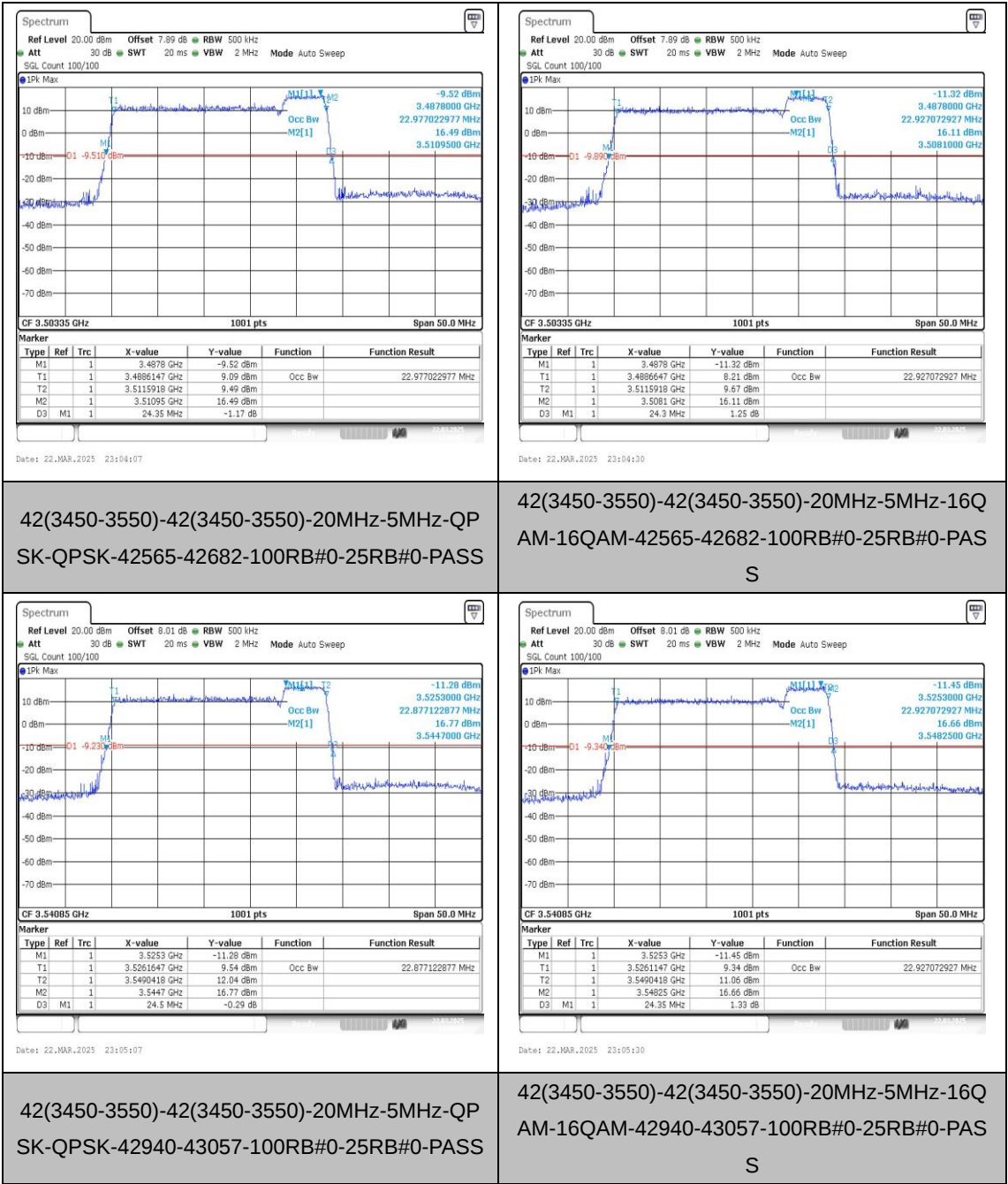
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PSK-QPSK-42145-42289-50RB#0-100RB#0-PAS
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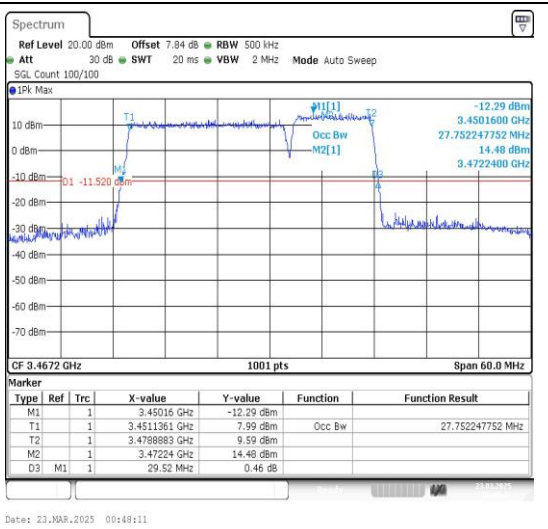
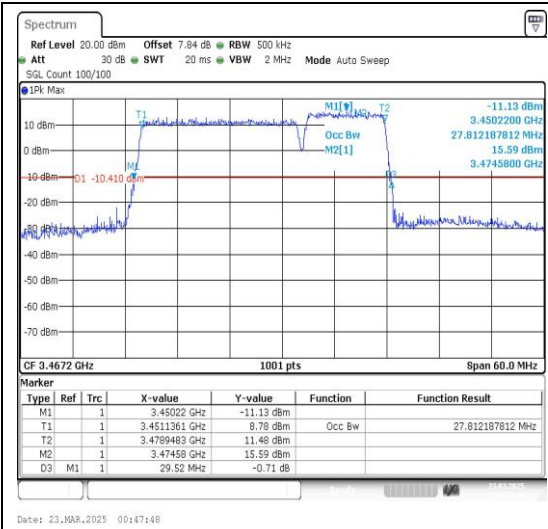
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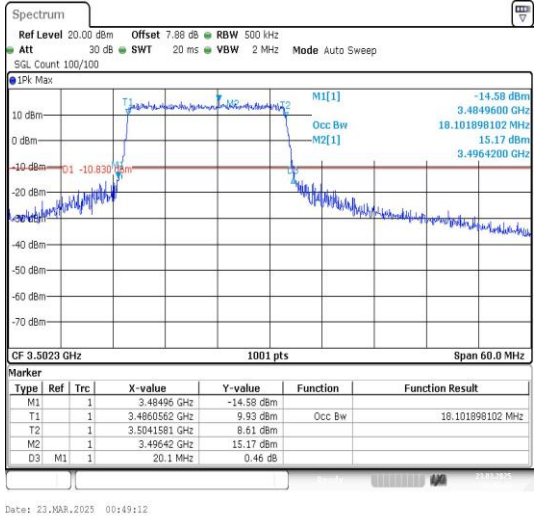
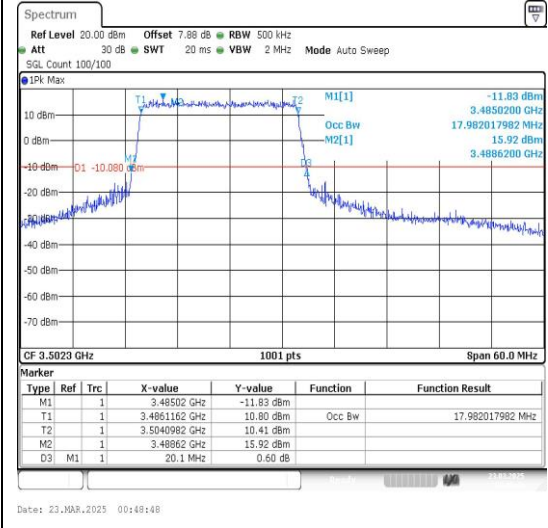






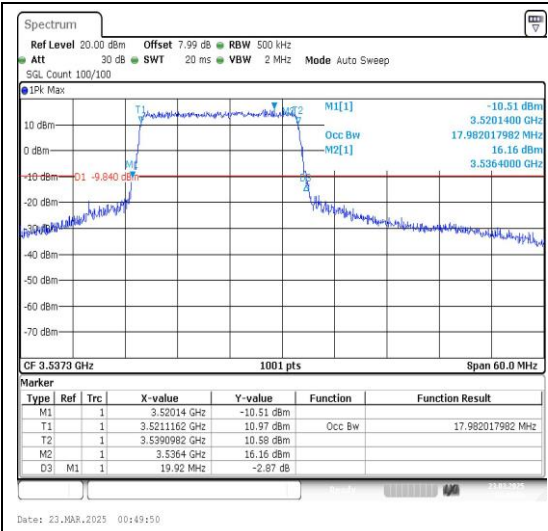
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PSK-QPSK-42190-42334-100RB#0-50RB#0-PAS
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42(3450-3550)-42(3450-3550)-20MHz-10MHz-16Q
AM-16QAM-42190-42334-100RB#0-50RB#0-PAS
S

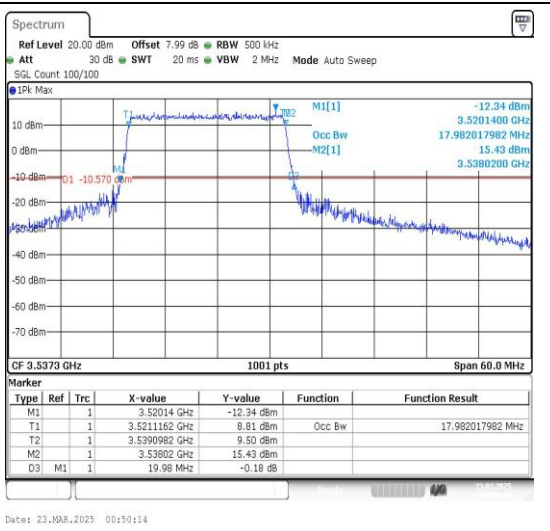


42(3450-3550)-42(3450-3550)-20MHz-10MHz-Q
PSK-QPSK-42541-42685-100RB#0-50RB#0-PAS
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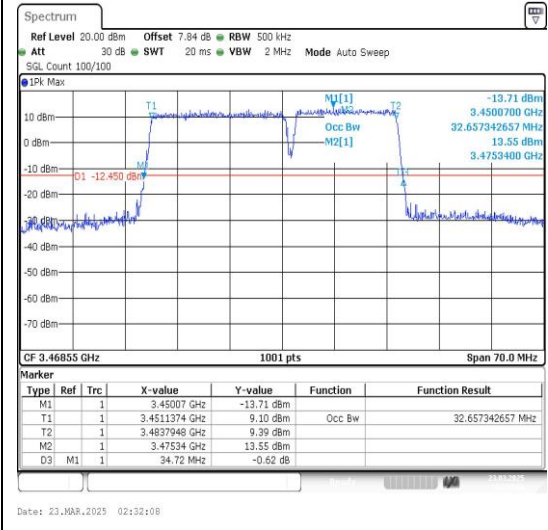
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AM-16QAM-42541-42685-100RB#0-50RB#0-PAS
S



42(3450-3550)-42(3450-3550)-20MHz-10MHz-Q
PSK-QPSK-42891-43035-100RB#0-50RB#0-PAS
S



42(3450-3550)-42(3450-3550)-20MHz-10MHz-16Q
AM-16QAM-42891-43035-100RB#0-50RB#0-PAS
S



42(3450-3550)-42(3450-3550)-20MHz-15MHz-Q
PSK-QPSK-42190-42361-100RB#0-75RB#0-PAS
S



42(3450-3550)-42(3450-3550)-20MHz-15MHz-16Q
AM-16QAM-42190-42361-100RB#0-75RB#0-PAS
S

