

Appendix A

1. Conducted output power LTE Band2

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
Band2	1.4	18607	1	#0	QPSK	23.00
Band2	1.4	18607	1	#Mid	QPSK	23.01
Band2	1.4	18607	1	#Max	QPSK	22.94
Band2	1.4	18607	3	#0	QPSK	22.88
Band2	1.4	18607	3	#Mid	QPSK	22.90
Band2	1.4	18607	3	#Max	QPSK	22.83
Band2	1.4	18607	6	#0	QPSK	22.85
Band2	1.4	18607	1	#0	QAM16	22.06
Band2	1.4	18607	1	#Mid	QAM16	22.13
Band2	1.4	18607	1	#Max	QAM16	22.07
Band2	1.4	18607	3	#0	QAM16	22.06
Band2	1.4	18607	3	#Mid	QAM16	22.10
Band2	1.4	18607	3	#Max	QAM16	22.05
Band2	1.4	18607	6	#0	QAM16	21.76
Band2	1.4	18900	1	#0	QPSK	23.24
Band2	1.4	18900	1	#Mid	QPSK	23.27
Band2	1.4	18900	1	#Max	QPSK	23.18
Band2	1.4	18900	3	#0	QPSK	23.22
Band2	1.4	18900	3	#Mid	QPSK	23.26
Band2	1.4	18900	3	#Max	QPSK	23.21
Band2	1.4	18900	6	#0	QPSK	23.20
Band2	1.4	18900	1	#0	QAM16	22.47
Band2	1.4	18900	1	#Mid	QAM16	22.50
Band2	1.4	18900	1	#Max	QAM16	22.44
Band2	1.4	18900	3	#0	QAM16	22.48
Band2	1.4	18900	3	#Mid	QAM16	22.53
Band2	1.4	18900	3	#Max	QAM16	22.50
Band2	1.4	18900	6	#0	QAM16	22.01
Band2	1.4	19193	1	#0	QPSK	21.74
Band2	1.4	19193	1	#Mid	QPSK	21.66
Band2	1.4	19193	1	#Max	QPSK	21.45
Band2	1.4	19193	3	#0	QPSK	21.61
Band2	1.4	19193	3	#Mid	QPSK	21.59
Band2	1.4	19193	3	#Max	QPSK	21.43
Band2	1.4	19193	6	#0	QPSK	21.52
Band2	1.4	19193	1	#0	QAM16	20.59
Band2	1.4	19193	1	#Mid	QAM16	20.62
Band2	1.4	19193	1	#Max	QAM16	20.43
Band2	1.4	19193	3	#0	QAM16	20.84
Band2	1.4	19193	3	#Mid	QAM16	20.88
Band2	1.4	19193	3	#Max	QAM16	20.77
Band2	1.4	19193	6	#0	QAM16	20.84

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Band2	3	18615	1	#0	QPSK	22.91
Band2	3	18615	1	#Mid	QPSK	22.97
Band2	3	18615	1	#Max	QPSK	22.94
Band2	3	18615	8	#0	QPSK	22.86
Band2	3	18615	8	#Mid	QPSK	22.33
Band2	3	18615	8	#Max	QPSK	22.33
Band2	3	18615	15	#0	QPSK	22.33
Band2	3	18615	1	#0	QAM16	22.27
Band2	3	18615	1	#Mid	QAM16	22.34
Band2	3	18615	1	#Max	QAM16	22.36
Band2	3	18615	8	#0	QAM16	21.95
Band2	3	18615	8	#Mid	QAM16	21.68
Band2	3	18615	8	#Max	QAM16	21.68
Band2	3	18615	15	#0	QAM16	21.55
Band2	3	18900	1	#0	QPSK	23.28
Band2	3	18900	1	#Mid	QPSK	23.27
Band2	3	18900	1	#Max	QPSK	23.20
Band2	3	18900	8	#0	QPSK	22.69
Band2	3	18900	8	#Mid	QPSK	22.60
Band2	3	18900	8	#Max	QPSK	22.64
Band2	3	18900	15	#0	QPSK	22.56
Band2	3	18900	1	#0	QAM16	22.52
Band2	3	18900	1	#Mid	QAM16	22.38
Band2	3	18900	1	#Max	QAM16	22.30
Band2	3	18900	8	#0	QAM16	21.61
Band2	3	18900	8	#Mid	QAM16	21.50
Band2	3	18900	8	#Max	QAM16	21.69
Band2	3	18900	15	#0	QAM16	21.55
Band2	3	19185	1	#0	QPSK	21.79
Band2	3	19185	1	#Mid	QPSK	21.80
Band2	3	19185	1	#Max	QPSK	21.47
Band2	3	19185	8	#0	QPSK	21.76
Band2	3	19185	8	#Mid	QPSK	21.77
Band2	3	19185	8	#Max	QPSK	21.63
Band2	3	19185	15	#0	QPSK	21.70
Band2	3	19185	1	#0	QAM16	20.66
Band2	3	19185	1	#Mid	QAM16	20.69
Band2	3	19185	1	#Max	QAM16	20.43
Band2	3	19185	8	#0	QAM16	20.76
Band2	3	19185	8	#Mid	QAM16	20.77
Band2	3	19185	8	#Max	QAM16	20.70
Band2	3	19185	15	#0	QAM16	20.81
Band2	5	18625	1	#0	QPSK	22.86
Band2	5	18625	1	#Mid	QPSK	22.95
Band2	5	18625	1	#Max	QPSK	23.00
Band2	5	18625	12	#0	QPSK	22.84
Band2	5	18625	12	#Mid	QPSK	22.37
Band2	5	18625	12	#Max	QPSK	22.37
Band2	5	18625	25	#0	QPSK	22.38

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Band2	5	18625	1	#0	QAM16	22.32
Band2	5	18625	1	#Mid	QAM16	22.47
Band2	5	18625	1	#Max	QAM16	22.52
Band2	5	18625	12	#0	QAM16	21.30
Band2	5	18625	12	#Mid	QAM16	21.28
Band2	5	18625	12	#Max	QAM16	21.29
Band2	5	18625	25	#0	QAM16	21.51
Band2	5	18900	1	#0	QPSK	23.04
Band2	5	18900	1	#Mid	QPSK	23.23
Band2	5	18900	1	#Max	QPSK	23.18
Band2	5	18900	12	#0	QPSK	22.60
Band2	5	18900	12	#Mid	QPSK	22.68
Band2	5	18900	12	#Max	QPSK	22.62
Band2	5	18900	25	#0	QPSK	22.60
Band2	5	18900	1	#0	QAM16	22.42
Band2	5	18900	1	#Mid	QAM16	22.28
Band2	5	18900	1	#Max	QAM16	22.30
Band2	5	18900	12	#0	QAM16	21.25
Band2	5	18900	12	#Mid	QAM16	21.44
Band2	5	18900	12	#Max	QAM16	21.52
Band2	5	18900	25	#0	QAM16	21.61
Band2	5	19175	1	#0	QPSK	21.79
Band2	5	19175	1	#Mid	QPSK	21.75
Band2	5	19175	1	#Max	QPSK	21.42
Band2	5	19175	12	#0	QPSK	21.77
Band2	5	19175	12	#Mid	QPSK	21.78
Band2	5	19175	12	#Max	QPSK	21.68
Band2	5	19175	25	#0	QPSK	21.74
Band2	5	19175	1	#0	QAM16	21.13
Band2	5	19175	1	#Mid	QAM16	21.08
Band2	5	19175	1	#Max	QAM16	20.86
Band2	5	19175	12	#0	QAM16	20.82
Band2	5	19175	12	#Mid	QAM16	20.83
Band2	5	19175	12	#Max	QAM16	20.77
Band2	5	19175	25	#0	QAM16	20.73
Band2	10	18650	1	#0	QPSK	22.11
Band2	10	18650	1	#Mid	QPSK	23.08
Band2	10	18650	1	#Max	QPSK	22.40
Band2	10	18650	25	#0	QPSK	22.68
Band2	10	18650	25	#Mid	QPSK	22.43
Band2	10	18650	25	#Max	QPSK	22.37
Band2	10	18650	50	#0	QPSK	22.35
Band2	10	18650	1	#0	QAM16	21.49
Band2	10	18650	1	#Mid	QAM16	22.48
Band2	10	18650	1	#Max	QAM16	21.83
Band2	10	18650	25	#0	QAM16	21.73
Band2	10	18650	25	#Mid	QAM16	21.51
Band2	10	18650	25	#Max	QAM16	21.47
Band2	10	18900	1	#0	QPSK	22.58

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Band2	10	18900	1	#Mid	QPSK	23.23
Band2	10	18900	1	#Max	QPSK	22.21
Band2	10	18900	25	#0	QPSK	23.04
Band2	10	18900	25	#Mid	QPSK	22.73
Band2	10	18900	25	#Max	QPSK	22.49
Band2	10	18900	50	#0	QPSK	22.92
Band2	10	18900	1	#0	QAM16	21.88
Band2	10	18900	1	#Mid	QAM16	22.50
Band2	10	18900	1	#Max	QAM16	21.46
Band2	10	18900	25	#0	QAM16	21.78
Band2	10	18900	25	#Mid	QAM16	21.65
Band2	10	18900	25	#Max	QAM16	21.64
Band2	10	19150	1	#0	QPSK	21.41
Band2	10	19150	1	#Mid	QPSK	21.90
Band2	10	19150	1	#Max	QPSK	20.83
Band2	10	19150	25	#0	QPSK	21.74
Band2	10	19150	25	#Mid	QPSK	21.78
Band2	10	19150	25	#Max	QPSK	21.44
Band2	10	19150	50	#0	QPSK	21.28
Band2	10	19150	1	#0	QAM16	20.38
Band2	10	19150	1	#Mid	QAM16	20.82
Band2	10	19150	1	#Max	QAM16	19.77
Band2	10	19150	25	#0	QAM16	20.77
Band2	10	19150	25	#Mid	QAM16	20.82
Band2	10	19150	25	#Max	QAM16	20.49
Band2	15	18675	1	#0	QPSK	22.03
Band2	15	18675	1	#Mid	QPSK	23.04
Band2	15	18675	1	#Max	QPSK	22.46
Band2	15	18675	36	#0	QPSK	22.72
Band2	15	18675	36	#Mid	QPSK	22.39
Band2	15	18675	36	#Max	QPSK	22.49
Band2	15	18675	75	#0	QPSK	22.37
Band2	15	18675	1	#0	QAM16	21.43
Band2	15	18675	1	#Mid	QAM16	22.44
Band2	15	18675	1	#Max	QAM16	21.88
Band2	15	18900	1	#0	QPSK	22.10
Band2	15	18900	1	#Mid	QPSK	23.72
Band2	15	18900	1	#Max	QPSK	22.77
Band2	15	18900	36	#0	QPSK	22.7
Band2	15	18900	36	#Mid	QPSK	22.65
Band2	15	18900	36	#Max	QPSK	22.57
Band2	15	18900	75	#0	QPSK	22.68
Band2	15	18900	1	#0	QAM16	22.56
Band2	15	18900	1	#Mid	QAM16	23.13
Band2	15	18900	1	#Max	QAM16	21.99
Band2	15	19125	1	#0	QPSK	22.45
Band2	15	19125	1	#Mid	QPSK	22.73
Band2	15	19125	1	#Max	QPSK	21.45
Band2	15	19125	36	#0	QPSK	21.55

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Band2	15	19125	36	#Mid	QPSK	21.50
Band2	15	19125	36	#Max	QPSK	20.96
Band2	15	19125	75	#0	QPSK	21.23
Band2	15	19125	1	#0	QAM16	21.88
Band2	15	19125	1	#Mid	QAM16	22.12
Band2	15	19125	1	#Max	QAM16	20.86
Band2	20	18700	1	#0	QPSK	22.5
Band2	20	18700	1	#Mid	QPSK	23.56
Band2	20	18700	1	#Max	QPSK	22.94
Band2	20	18700	50	#0	QPSK	22.48
Band2	20	18700	50	#Mid	QPSK	22.54
Band2	20	18700	50	#Max	QPSK	22.5
Band2	20	18700	100	#0	QPSK	22.52
Band2	20	18700	1	#0	QAM16	21.6
Band2	20	18700	1	#Mid	QAM16	22.8
Band2	20	18700	1	#Max	QAM16	21.94
Band2	20	18900	1	#0	QPSK	23.09
Band2	20	18900	1	#Mid	QPSK	23.83
Band2	20	18900	1	#Max	QPSK	22.48
Band2	20	18900	50	#0	QPSK	22.32
Band2	20	18900	50	#Mid	QPSK	22.48
Band2	20	18900	50	#Max	QPSK	22.10
Band2	20	18900	100	#0	QPSK	22.19
Band2	20	18900	1	#0	QAM16	22.4
Band2	20	18900	1	#Mid	QAM16	23.13
Band2	20	18900	1	#Max	QAM16	21.8
Band2	20	19100	1	#0	QPSK	22.49
Band2	20	19100	1	#Mid	QPSK	22.91
Band2	20	19100	1	#Max	QPSK	21.21
Band2	20	19100	50	#0	QPSK	21.56
Band2	20	19100	50	#Mid	QPSK	21.49
Band2	20	19100	50	#Max	QPSK	20.86
Band2	20	19100	100	#0	QPSK	21.20
Band2	20	19100	1	#0	QAM16	21.83
Band2	20	19100	1	#Mid	QAM16	22.23
Band2	20	19100	1	#Max	QAM16	20.55

LTE Band4

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
Band4	1.4	19957	1	#0	QPSK	22.3
Band4	1.4	19957	1	#Mid	QPSK	23.21
Band4	1.4	19957	1	#Max	QPSK	23.42
Band4	1.4	19957	3	#0	QPSK	23.05
Band4	1.4	19957	3	#Mid	QPSK	23.27
Band4	1.4	19957	3	#Max	QPSK	23.51
Band4	1.4	19957	6	#0	QPSK	22.14
Band4	1.4	19957	1	#0	QAM16	22.33
Band4	1.4	19957	1	#Mid	QAM16	22.4
Band4	1.4	19957	1	#Max	QAM16	22.23
Band4	1.4	19957	3	#0	QAM16	22.94
Band4	1.4	19957	3	#Mid	QAM16	22.78
Band4	1.4	19957	3	#Max	QAM16	22.75
Band4	1.4	19957	6	#0	QAM16	21.24
Band4	1.4	20175	1	#0	QPSK	23.29
Band4	1.4	20175	1	#Mid	QPSK	23.34
Band4	1.4	20175	1	#Max	QPSK	23.27
Band4	1.4	20175	3	#0	QPSK	23.31
Band4	1.4	20175	3	#Mid	QPSK	23.36
Band4	1.4	20175	3	#Max	QPSK	23.31
Band4	1.4	20175	6	#0	QPSK	22.13
Band4	1.4	20175	1	#0	QAM16	22.44
Band4	1.4	20175	1	#Mid	QAM16	22.71
Band4	1.4	20175	1	#Max	QAM16	22.55
Band4	1.4	20175	3	#0	QAM16	22.54
Band4	1.4	20175	3	#Mid	QAM16	22.58
Band4	1.4	20175	3	#Max	QAM16	22.71
Band4	1.4	20175	6	#0	QAM16	21.59
Band4	1.4	20393	1	#0	QPSK	23.31
Band4	1.4	20393	1	#Mid	QPSK	23.63
Band4	1.4	20393	1	#Max	QPSK	23.47
Band4	1.4	20393	3	#0	QPSK	23.48
Band4	1.4	20393	3	#Mid	QPSK	23.46
Band4	1.4	20393	3	#Max	QPSK	23.38
Band4	1.4	20393	6	#0	QPSK	22.47
Band4	1.4	20393	1	#0	QAM16	21.95
Band4	1.4	20393	1	#Mid	QAM16	22.16
Band4	1.4	20393	1	#Max	QAM16	22.28
Band4	1.4	20393	3	#0	QAM16	22.7
Band4	1.4	20393	3	#Mid	QAM16	22.69
Band4	1.4	20393	3	#Max	QAM16	22.52
Band4	1.4	20393	6	#0	QAM16	21.58
Band4	3	19965	1	#0	QPSK	22.21
Band4	3	19965	1	#Mid	QPSK	23.25

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Band4	3	19965	1	#Max	QPSK	23.38
Band4	3	19965	8	#0	QPSK	22.31
Band4	3	19965	8	#Mid	QPSK	22.29
Band4	3	19965	8	#Max	QPSK	22.23
Band4	3	19965	15	#0	QPSK	22.26
Band4	3	19965	1	#0	QAM16	22.29
Band4	3	19965	1	#Mid	QAM16	22.08
Band4	3	19965	1	#Max	QAM16	22.26
Band4	3	19965	8	#0	QAM16	21.01
Band4	3	19965	8	#Mid	QAM16	21.12
Band4	3	19965	8	#Max	QAM16	20.95
Band4	3	19965	15	#0	QAM16	21.04
Band4	3	20175	1	#0	QPSK	23.21
Band4	3	20175	1	#Mid	QPSK	23.37
Band4	3	20175	1	#Max	QPSK	23.28
Band4	3	20175	8	#0	QPSK	22.21
Band4	3	20175	8	#Mid	QPSK	22.18
Band4	3	20175	8	#Max	QPSK	22.18
Band4	3	20175	15	#0	QPSK	22.24
Band4	3	20175	1	#0	QAM16	23.3
Band4	3	20175	1	#Mid	QAM16	22.71
Band4	3	20175	1	#Max	QAM16	23.36
Band4	3	20175	8	#0	QAM16	21.2
Band4	3	20175	8	#Mid	QAM16	21.19
Band4	3	20175	8	#Max	QAM16	21.23
Band4	3	20175	15	#0	QAM16	21.24
Band4	3	20385	1	#0	QPSK	23.43
Band4	3	20385	1	#Mid	QPSK	23.43
Band4	3	20385	1	#Max	QPSK	23.5
Band4	3	20385	8	#0	QPSK	22.4
Band4	3	20385	8	#Mid	QPSK	22.51
Band4	3	20385	8	#Max	QPSK	22.46
Band4	3	20385	15	#0	QPSK	22.5
Band4	3	20385	1	#0	QAM16	22.92
Band4	3	20385	1	#Mid	QAM16	22.53
Band4	3	20385	1	#Max	QAM16	22.48
Band4	3	20385	8	#0	QAM16	21.34
Band4	3	20385	8	#Mid	QAM16	21.32
Band4	3	20385	8	#Max	QAM16	21.3
Band4	3	20385	15	#0	QAM16	21.39
Band4	5	19975	1	#0	QPSK	23.25
Band4	5	19975	1	#Mid	QPSK	23.4
Band4	5	19975	1	#Max	QPSK	23.38
Band4	5	19975	12	#0	QPSK	22.37
Band4	5	19975	12	#Mid	QPSK	22.26
Band4	5	19975	12	#Max	QPSK	22.39
Band4	5	19975	25	#0	QPSK	22.54
Band4	5	19975	1	#0	QAM16	22.63
Band4	5	19975	1	#Mid	QAM16	22.79

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Band4	5	19975	1	#Max	QAM16	22.22
Band4	5	19975	12	#0	QAM16	21.06
Band4	5	19975	12	#Mid	QAM16	21.1
Band4	5	19975	12	#Max	QAM16	21.46
Band4	5	19975	25	#0	QAM16	21.39
Band4	5	20175	1	#0	QPSK	22.99
Band4	5	20175	1	#Mid	QPSK	23.36
Band4	5	20175	1	#Max	QPSK	23.11
Band4	5	20175	12	#0	QPSK	22.4
Band4	5	20175	12	#Mid	QPSK	22.33
Band4	5	20175	12	#Max	QPSK	22.47
Band4	5	20175	25	#0	QPSK	22.42
Band4	5	20175	1	#0	QAM16	22.16
Band4	5	20175	1	#Mid	QAM16	21.82
Band4	5	20175	1	#Max	QAM16	22.22
Band4	5	20175	12	#0	QAM16	21.22
Band4	5	20175	12	#Mid	QAM16	21.25
Band4	5	20175	12	#Max	QAM16	21.23
Band4	5	20175	25	#0	QAM16	21.52
Band4	5	20375	1	#0	QPSK	23.62
Band4	5	20375	1	#Mid	QPSK	23.62
Band4	5	20375	1	#Max	QPSK	23.5
Band4	5	20375	12	#0	QPSK	22.74
Band4	5	20375	12	#Mid	QPSK	22.73
Band4	5	20375	12	#Max	QPSK	22.68
Band4	5	20375	25	#0	QPSK	22.73
Band4	5	20375	1	#0	QAM16	22.87
Band4	5	20375	1	#Mid	QAM16	22.23
Band4	5	20375	1	#Max	QAM16	22.97
Band4	5	20375	12	#0	QAM16	21.46
Band4	5	20375	12	#Mid	QAM16	21.47
Band4	5	20375	12	#Max	QAM16	21.47
Band4	5	20375	25	#0	QAM16	21.63
Band4	10	20000	1	#0	QPSK	23.32
Band4	10	20000	1	#Mid	QPSK	23.63
Band4	10	20000	1	#Max	QPSK	23.49
Band4	10	20000	25	#0	QPSK	22.51
Band4	10	20000	25	#Mid	QPSK	22.33
Band4	10	20000	25	#Max	QPSK	22.29
Band4	10	20000	50	#0	QPSK	22.48
Band4	10	20000	1	#0	QAM16	22.84
Band4	10	20000	1	#Mid	QAM16	23.08
Band4	10	20000	1	#Max	QAM16	22.85
Band4	10	20000	25	#0	QAM16	21.51
Band4	10	20000	25	#Mid	QAM16	21.34
Band4	10	20000	25	#Max	QAM16	21.34
Band4	10	20175	1	#0	QPSK	23.23
Band4	10	20175	1	#Mid	QPSK	23.47
Band4	10	20175	1	#Max	QPSK	23.44

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Band4	10	20175	25	#0	QPSK	22.36
Band4	10	20175	25	#Mid	QPSK	22.29
Band4	10	20175	25	#Max	QPSK	22.32
Band4	10	20175	50	#0	QPSK	22.91
Band4	10	20175	1	#0	QAM16	22.18
Band4	10	20175	1	#Mid	QAM16	22.22
Band4	10	20175	1	#Max	QAM16	22.27
Band4	10	20175	25	#0	QAM16	21.29
Band4	10	20175	25	#Mid	QAM16	21.38
Band4	10	20175	25	#Max	QAM16	21.35
Band4	10	20350	1	#0	QPSK	23.71
Band4	10	20350	1	#Mid	QPSK	23.86
Band4	10	20350	1	#Max	QPSK	23.67
Band4	10	20350	25	#0	QPSK	22.63
Band4	10	20350	25	#Mid	QPSK	22.67
Band4	10	20350	25	#Max	QPSK	22.68
Band4	10	20350	50	#0	QPSK	23.21
Band4	10	20350	1	#0	QAM16	22.63
Band4	10	20350	1	#Mid	QAM16	22.82
Band4	10	20350	1	#Max	QAM16	22.63
Band4	10	20350	25	#0	QAM16	21.52
Band4	10	20350	25	#Mid	QAM16	21.60
Band4	10	20350	25	#Max	QAM16	21.55
Band4	15	20025	1	#0	QPSK	23.36
Band4	15	20025	1	#Mid	QPSK	23.35
Band4	15	20025	1	#Max	QPSK	23.29
Band4	15	20025	36	#0	QPSK	22.48
Band4	15	20025	36	#Mid	QPSK	22.31
Band4	15	20025	36	#Max	QPSK	22.27
Band4	15	20025	75	#0	QPSK	22.5
Band4	15	20025	1	#0	QAM16	22.72
Band4	15	20025	1	#Mid	QAM16	23.21
Band4	15	20025	1	#Max	QAM16	22.78
Band4	15	20175	1	#0	QPSK	-19.84
Band4	15	20175	1	#Mid	QPSK	23.52
Band4	15	20175	1	#Max	QPSK	23.21
Band4	15	20175	36	#0	QPSK	22.23
Band4	15	20175	36	#Mid	QPSK	22.25
Band4	15	20175	36	#Max	QPSK	22.17
Band4	15	20175	75	#0	QPSK	22.25
Band4	15	20175	1	#0	QAM16	22.79
Band4	15	20175	1	#Mid	QAM16	22.64
Band4	15	20175	1	#Max	QAM16	22.67
Band4	15	20325	1	#0	QPSK	23.75
Band4	15	20325	1	#Mid	QPSK	23.85
Band4	15	20325	1	#Max	QPSK	23.77
Band4	15	20325	36	#0	QPSK	23.41
Band4	15	20325	36	#Mid	QPSK	22.99
Band4	15	20325	36	#Max	QPSK	23.15

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Band4	15	20325	75	#0	QPSK	23.03
Band4	15	20325	1	#0	QAM16	22.84
Band4	15	20325	1	#Mid	QAM16	23.21
Band4	15	20325	1	#Max	QAM16	23.43
Band4	20	20050	1	#0	QPSK	22.18
Band4	20	20050	1	#Mid	QPSK	22.99
Band4	20	20050	1	#Max	QPSK	23.3
Band4	20	20050	50	#0	QPSK	22.28
Band4	20	20050	50	#Mid	QPSK	22.25
Band4	20	20050	50	#Max	QPSK	22.26
Band4	20	20050	100	#0	QPSK	22.15
Band4	20	20050	1	#0	QAM16	22.25
Band4	20	20050	1	#Mid	QAM16	22.26
Band4	20	20050	1	#Max	QAM16	21.69
Band4	20	20175	1	#0	QPSK	23.04
Band4	20	20175	1	#Mid	QPSK	23.31
Band4	20	20175	1	#Max	QPSK	23.07
Band4	20	20175	50	#0	QPSK	23.02
Band4	20	20175	50	#Mid	QPSK	22.74
Band4	20	20175	50	#Max	QPSK	22.79
Band4	20	20175	100	#0	QPSK	22.80
Band4	20	20175	1	#0	QAM16	21.83
Band4	20	20175	1	#Mid	QAM16	22.09
Band4	20	20175	1	#Max	QAM16	22.06
Band4	20	20300	1	#0	QPSK	23.21
Band4	20	20300	1	#Mid	QPSK	23.21
Band4	20	20300	1	#Max	QPSK	23.33
Band4	20	20300	50	#0	QPSK	23.36
Band4	20	20300	50	#Mid	QPSK	23.06
Band4	20	20300	50	#Max	QPSK	23.10
Band4	20	20300	100	#0	QPSK	23.05
Band4	20	20300	1	#0	QAM16	22.3
Band4	20	20300	1	#Mid	QAM16	22.59
Band4	20	20300	1	#Max	QAM16	22.32

LTE Band5

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
Band5	1.4	20407	1	#0	QPSK	22.05
Band5	1.4	20407	1	#Mid	QPSK	22.94
Band5	1.4	20407	1	#Max	QPSK	22.88
Band5	1.4	20407	3	#0	QPSK	22.88
Band5	1.4	20407	3	#Mid	QPSK	22.93
Band5	1.4	20407	3	#Max	QPSK	22.88
Band5	1.4	20407	6	#0	QPSK	21.93
Band5	1.4	20407	1	#0	QAM16	22.08
Band5	1.4	20407	1	#Mid	QAM16	22.07
Band5	1.4	20407	1	#Max	QAM16	22.14
Band5	1.4	20407	3	#0	QAM16	21.97
Band5	1.4	20407	3	#Mid	QAM16	21.97
Band5	1.4	20407	3	#Max	QAM16	22.09
Band5	1.4	20407	6	#0	QAM16	21.12
Band5	1.4	20525	1	#0	QPSK	22.75
Band5	1.4	20525	1	#Mid	QPSK	23.11
Band5	1.4	20525	1	#Max	QPSK	22.83
Band5	1.4	20525	3	#0	QPSK	23.03
Band5	1.4	20525	3	#Mid	QPSK	23.07
Band5	1.4	20525	3	#Max	QPSK	23.03
Band5	1.4	20525	6	#0	QPSK	21.95
Band5	1.4	20525	1	#0	QAM16	21.96
Band5	1.4	20525	1	#Mid	QAM16	21.91
Band5	1.4	20525	1	#Max	QAM16	21.88
Band5	1.4	20525	3	#0	QAM16	21.53
Band5	1.4	20525	3	#Mid	QAM16	21.82
Band5	1.4	20525	3	#Max	QAM16	21.89
Band5	1.4	20525	6	#0	QAM16	20.94
Band5	1.4	20643	1	#0	QPSK	21.83
Band5	1.4	20643	1	#Mid	QPSK	22.85
Band5	1.4	20643	1	#Max	QPSK	22.82
Band5	1.4	20643	3	#0	QPSK	22.93
Band5	1.4	20643	3	#Mid	QPSK	22.98
Band5	1.4	20643	3	#Max	QPSK	22.85
Band5	1.4	20643	6	#0	QPSK	21.93
Band5	1.4	20643	1	#0	QAM16	21.77
Band5	1.4	20643	1	#Mid	QAM16	22.01
Band5	1.4	20643	1	#Max	QAM16	22.06
Band5	1.4	20643	3	#0	QAM16	22.14
Band5	1.4	20643	3	#Mid	QAM16	22.14
Band5	1.4	20643	3	#Max	QAM16	22.04
Band5	1.4	20643	6	#0	QAM16	21.23
Band5	3	20415	1	#0	QPSK	23.11

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Band5	3	20415	1	#Mid	QPSK	23.08
Band5	3	20415	1	#Max	QPSK	23.11
Band5	3	20415	8	#0	QPSK	22.06
Band5	3	20415	8	#Mid	QPSK	21.99
Band5	3	20415	8	#Max	QPSK	21.94
Band5	3	20415	15	#0	QPSK	22.04
Band5	3	20415	1	#0	QAM16	22.51
Band5	3	20415	1	#Mid	QAM16	22.52
Band5	3	20415	1	#Max	QAM16	22.35
Band5	3	20415	8	#0	QAM16	20.78
Band5	3	20415	8	#Mid	QAM16	20.64
Band5	3	20415	8	#Max	QAM16	20.71
Band5	3	20415	15	#0	QAM16	21.00
Band5	3	20525	1	#0	QPSK	22.67
Band5	3	20525	1	#Mid	QPSK	22.96
Band5	3	20525	1	#Max	QPSK	22.87
Band5	3	20525	8	#0	QPSK	21.99
Band5	3	20525	8	#Mid	QPSK	22.08
Band5	3	20525	8	#Max	QPSK	22.06
Band5	3	20525	15	#0	QPSK	22.02
Band5	3	20525	1	#0	QAM16	21.92
Band5	3	20525	1	#Mid	QAM16	22.11
Band5	3	20525	1	#Max	QAM16	22.03
Band5	3	20525	8	#0	QAM16	21.05
Band5	3	20525	8	#Mid	QAM16	21.16
Band5	3	20525	8	#Max	QAM16	21.11
Band5	3	20525	15	#0	QAM16	20.97
Band5	3	20635	1	#0	QPSK	22.84
Band5	3	20635	1	#Mid	QPSK	23.02
Band5	3	20635	1	#Max	QPSK	22.83
Band5	3	20635	8	#0	QPSK	22.06
Band5	3	20635	8	#Mid	QPSK	22.18
Band5	3	20635	8	#Max	QPSK	21.98
Band5	3	20635	15	#0	QPSK	22.02
Band5	3	20635	1	#0	QAM16	22.02
Band5	3	20635	1	#Mid	QAM16	22.36
Band5	3	20635	1	#Max	QAM16	21.99
Band5	3	20635	8	#0	QAM16	21.14
Band5	3	20635	8	#Mid	QAM16	21.10
Band5	3	20635	8	#Max	QAM16	20.84
Band5	3	20635	15	#0	QAM16	21.11
Band5	5	20425	1	#0	QPSK	22.74
Band5	5	20425	1	#Mid	QPSK	23.12
Band5	5	20425	1	#Max	QPSK	22.85
Band5	5	20425	12	#0	QPSK	22.06
Band5	5	20425	12	#Mid	QPSK	22.09
Band5	5	20425	12	#Max	QPSK	22.02
Band5	5	20425	25	#0	QPSK	21.98
Band5	5	20425	1	#0	QAM16	22.37

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Band5	5	20425	1	#Mid	QAM16	22.15
Band5	5	20425	1	#Max	QAM16	21.89
Band5	5	20425	12	#0	QAM16	21.00
Band5	5	20425	12	#Mid	QAM16	20.86
Band5	5	20425	12	#Max	QAM16	20.78
Band5	5	20425	25	#0	QAM16	21.04
Band5	5	20525	1	#0	QPSK	22.62
Band5	5	20525	1	#Mid	QPSK	22.90
Band5	5	20525	1	#Max	QPSK	22.68
Band5	5	20525	12	#0	QPSK	22.02
Band5	5	20525	12	#Mid	QPSK	22.17
Band5	5	20525	12	#Max	QPSK	22.05
Band5	5	20525	25	#0	QPSK	22.00
Band5	5	20525	1	#0	QAM16	21.82
Band5	5	20525	1	#Mid	QAM16	22.14
Band5	5	20525	1	#Max	QAM16	21.68
Band5	5	20525	12	#0	QAM16	20.63
Band5	5	20525	12	#Mid	QAM16	20.62
Band5	5	20525	12	#Max	QAM16	20.65
Band5	5	20525	25	#0	QAM16	20.95
Band5	5	20625	1	#0	QPSK	22.63
Band5	5	20625	1	#Mid	QPSK	22.83
Band5	5	20625	1	#Max	QPSK	22.60
Band5	5	20625	12	#0	QPSK	22.03
Band5	5	20625	12	#Mid	QPSK	22.02
Band5	5	20625	12	#Max	QPSK	21.98
Band5	5	20625	25	#0	QPSK	22.08
Band5	5	20625	1	#0	QAM16	21.94
Band5	5	20625	1	#Mid	QAM16	22.06
Band5	5	20625	1	#Max	QAM16	21.67
Band5	5	20625	12	#0	QAM16	20.98
Band5	5	20625	12	#Mid	QAM16	21.01
Band5	5	20625	12	#Max	QAM16	20.93
Band5	5	20625	25	#0	QAM16	20.80
Band5	10	20450	1	#0	QPSK	23.10
Band5	10	20450	1	#Mid	QPSK	23.29
Band5	10	20450	1	#Max	QPSK	22.97
Band5	10	20450	25	#0	QPSK	22.13
Band5	10	20450	25	#Mid	QPSK	22.16
Band5	10	20450	25	#Max	QPSK	22.14
Band5	10	20450	50	#0	QPSK	22.09
Band5	10	20450	1	#0	QAM16	22.56
Band5	10	20450	1	#Mid	QAM16	23.08
Band5	10	20450	1	#Max	QAM16	22.56
Band5	10	20450	25	#0	QAM16	21.17
Band5	10	20450	25	#Mid	QAM16	21.21
Band5	10	20450	25	#Max	QAM16	21.09
Band5	10	20525	1	#0	QPSK	22.88
Band5	10	20525	1	#Mid	QPSK	23.35

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Band5	10	20525	1	#Max	QPSK	22.96
Band5	10	20525	25	#0	QPSK	22.06
Band5	10	20525	25	#Mid	QPSK	22.05
Band5	10	20525	25	#Max	QPSK	22.10
Band5	10	20525	50	#0	QPSK	22.59
Band5	10	20525	1	#0	QAM16	21.98
Band5	10	20525	1	#Mid	QAM16	22.05
Band5	10	20525	1	#Max	QAM16	21.22
Band5	10	20525	25	#0	QAM16	21.03
Band5	10	20525	25	#Mid	QAM16	21.24
Band5	10	20525	25	#Max	QAM16	21.20
Band5	10	20600	1	#0	QPSK	23.01
Band5	10	20600	1	#Mid	QPSK	23.45
Band5	10	20600	1	#Max	QPSK	22.99
Band5	10	20600	25	#0	QPSK	22.20
Band5	10	20600	25	#Mid	QPSK	22.09
Band5	10	20600	25	#Max	QPSK	22.01
Band5	10	20600	50	#0	QPSK	22.63
Band5	10	20600	1	#0	QAM16	22.13
Band5	10	20600	1	#Mid	QAM16	22.16
Band5	10	20600	1	#Max	QAM16	21.89
Band5	10	20600	25	#0	QAM16	21.20
Band5	10	20600	25	#Mid	QAM16	20.92
Band5	10	20600	25	#Max	QAM16	21.01

LTE Band12

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
Band12	1.4	23017	1	#0	QPSK	21.85
Band12	1.4	23017	1	#Mid	QPSK	22.86
Band12	1.4	23017	1	#Max	QPSK	22.73
Band12	1.4	23017	3	#0	QPSK	22.76
Band12	1.4	23017	3	#Mid	QPSK	22.79
Band12	1.4	23017	3	#Max	QPSK	22.75
Band12	1.4	23017	6	#0	QPSK	21.87
Band12	1.4	23017	1	#0	QAM16	21.74
Band12	1.4	23017	1	#Mid	QAM16	21.84
Band12	1.4	23017	1	#Max	QAM16	21.8
Band12	1.4	23017	3	#0	QAM16	21.65
Band12	1.4	23017	3	#Mid	QAM16	21.73
Band12	1.4	23017	3	#Max	QAM16	21.68
Band12	1.4	23017	6	#0	QAM16	20.9
Band12	1.4	23095	1	#0	QPSK	22.98
Band12	1.4	23095	1	#Mid	QPSK	22.94
Band12	1.4	23095	1	#Max	QPSK	23.01
Band12	1.4	23095	3	#0	QPSK	23.09
Band12	1.4	23095	3	#Mid	QPSK	23.08
Band12	1.4	23095	3	#Max	QPSK	23.07
Band12	1.4	23095	6	#0	QPSK	22.02
Band12	1.4	23095	1	#0	QAM16	22.08
Band12	1.4	23095	1	#Mid	QAM16	21.98
Band12	1.4	23095	1	#Max	QAM16	21.86
Band12	1.4	23095	3	#0	QAM16	21.69
Band12	1.4	23095	3	#Mid	QAM16	21.85
Band12	1.4	23095	3	#Max	QAM16	21.65
Band12	1.4	23095	6	#0	QAM16	21.03
Band12	1.4	23173	1	#0	QPSK	22.78
Band12	1.4	23173	1	#Mid	QPSK	22.81
Band12	1.4	23173	1	#Max	QPSK	22.8
Band12	1.4	23173	3	#0	QPSK	22.82
Band12	1.4	23173	3	#Mid	QPSK	22.91
Band12	1.4	23173	3	#Max	QPSK	22.9
Band12	1.4	23173	6	#0	QPSK	22.04
Band12	1.4	23173	1	#0	QAM16	21.89
Band12	1.4	23173	1	#Mid	QAM16	22.02
Band12	1.4	23173	1	#Max	QAM16	21.96
Band12	1.4	23173	3	#0	QAM16	22.21
Band12	1.4	23173	3	#Mid	QAM16	22.5
Band12	1.4	23173	3	#Max	QAM16	22.43
Band12	1.4	23173	6	#0	QAM16	20.84
Band12	3	23025	1	#0	QPSK	21.87
Band12	3	23025	1	#Mid	QPSK	22.98
Band12	3	23025	1	#Max	QPSK	22.86

Band12	3	23025	8	#0	QPSK	21.83
Band12	3	23025	8	#Mid	QPSK	21.87
Band12	3	23025	8	#Max	QPSK	21.86
Band12	3	23025	15	#0	QPSK	21.9
Band12	3	23025	1	#0	QAM16	21.74
Band12	3	23025	1	#Mid	QAM16	22.12
Band12	3	23025	1	#Max	QAM16	21.84
Band12	3	23025	8	#0	QAM16	20.97
Band12	3	23025	8	#Mid	QAM16	21.04
Band12	3	23025	8	#Max	QAM16	20.92
Band12	3	23025	15	#0	QAM16	21.03
Band12	3	23095	1	#0	QPSK	22.91
Band12	3	23095	1	#Mid	QPSK	23.2
Band12	3	23095	1	#Max	QPSK	22.92
Band12	3	23095	8	#0	QPSK	21.96
Band12	3	23095	8	#Mid	QPSK	22.08
Band12	3	23095	8	#Max	QPSK	21.95
Band12	3	23095	15	#0	QPSK	21.93
Band12	3	23095	1	#0	QAM16	22.13
Band12	3	23095	1	#Mid	QAM16	22.6
Band12	3	23095	1	#Max	QAM16	22.64
Band12	3	23095	8	#0	QAM16	21.3
Band12	3	23095	8	#Mid	QAM16	20.94
Band12	3	23095	8	#Max	QAM16	20.64
Band12	3	23095	15	#0	QAM16	20.9
Band12	3	23165	1	#0	QPSK	21.82
Band12	3	23165	1	#Mid	QPSK	23.01
Band12	3	23165	1	#Max	QPSK	22.73
Band12	3	23165	8	#0	QPSK	21.95
Band12	3	23165	8	#Mid	QPSK	21.96
Band12	3	23165	8	#Max	QPSK	21.98
Band12	3	23165	15	#0	QPSK	21.94
Band12	3	23165	1	#0	QAM16	21.85
Band12	3	23165	1	#Mid	QAM16	22.23
Band12	3	23165	1	#Max	QAM16	21.86
Band12	3	23165	8	#0	QAM16	20.99
Band12	3	23165	8	#Mid	QAM16	20.82
Band12	3	23165	8	#Max	QAM16	20.79
Band12	3	23165	15	#0	QAM16	20.67
Band12	5	23035	1	#0	QPSK	22.66
Band12	5	23035	1	#Mid	QPSK	23.28
Band12	5	23035	1	#Max	QPSK	22.93
Band12	5	23035	12	#0	QPSK	21.93
Band12	5	23035	12	#Mid	QPSK	21.96
Band12	5	23035	12	#Max	QPSK	21.95
Band12	5	23035	25	#0	QPSK	21.97
Band12	5	23035	1	#0	QAM16	21.84
Band12	5	23035	1	#Mid	QAM16	21.97
Band12	5	23035	1	#Max	QAM16	21.79

Band12	5	23035	12	#0	QAM16	20.59
Band12	5	23035	12	#Mid	QAM16	20.63
Band12	5	23035	12	#Max	QAM16	20.64
Band12	5	23035	25	#0	QAM16	20.92
Band12	5	23095	1	#0	QPSK	22.53
Band12	5	23095	1	#Mid	QPSK	22.84
Band12	5	23095	1	#Max	QPSK	22.74
Band12	5	23095	12	#0	QPSK	22.09
Band12	5	23095	12	#Mid	QPSK	22.05
Band12	5	23095	12	#Max	QPSK	21.98
Band12	5	23095	25	#0	QPSK	22.01
Band12	5	23095	1	#0	QAM16	21.88
Band12	5	23095	1	#Mid	QAM16	21.73
Band12	5	23095	1	#Max	QAM16	21.79
Band12	5	23095	12	#0	QAM16	20.63
Band12	5	23095	12	#Mid	QAM16	20.63
Band12	5	23095	12	#Max	QAM16	20.58
Band12	5	23095	25	#0	QAM16	20.83
Band12	5	23155	1	#0	QPSK	22.79
Band12	5	23155	1	#Mid	QPSK	22.85
Band12	5	23155	1	#Max	QPSK	22.57
Band12	5	23155	12	#0	QPSK	22
Band12	5	23155	12	#Mid	QPSK	22.06
Band12	5	23155	12	#Max	QPSK	21.93
Band12	5	23155	25	#0	QPSK	21.89
Band12	5	23155	1	#0	QAM16	22.21
Band12	5	23155	1	#Mid	QAM16	22.27
Band12	5	23155	1	#Max	QAM16	21.75
Band12	5	23155	12	#0	QAM16	20.99
Band12	5	23155	12	#Mid	QAM16	20.97
Band12	5	23155	12	#Max	QAM16	20.88
Band12	5	23155	25	#0	QAM16	20.81
Band12	10	23060	1	#0	QPSK	22.74
Band12	10	23060	1	#Mid	QPSK	23.35
Band12	10	23060	1	#Max	QPSK	22.98
Band12	10	23060	25	#0	QPSK	22.1
Band12	10	23060	25	#Mid	QPSK	21.95
Band12	10	23060	25	#Max	QPSK	22.03
Band12	10	23060	50	#0	QPSK	22.1
Band12	10	23060	1	#0	QAM16	22.23
Band12	10	23060	1	#Mid	QAM16	23.22
Band12	10	23060	1	#Max	QAM16	22.45
Band12	10	23060	25	#0	QAM16	20.93
Band12	10	23060	25	#Mid	QAM16	20.86
Band12	10	23060	25	#Max	QAM16	20.96
Band12	10	23095	1	#0	QPSK	22.66
Band12	10	23095	1	#Mid	QPSK	23.2
Band12	10	23095	1	#Max	QPSK	22.86
Band12	10	23095	25	#0	QPSK	22.08

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Band12	10	23095	25	#Mid	QPSK	22.16
Band12	10	23095	25	#Max	QPSK	22.07
Band12	10	23095	50	#0	QPSK	0
Band12	10	23095	1	#0	QAM16	21.74
Band12	10	23095	1	#Mid	QAM16	21.92
Band12	10	23095	1	#Max	QAM16	21.34
Band12	10	23095	25	#0	QAM16	20.74
Band12	10	23095	25	#Mid	QAM16	20.92
Band12	10	23095	25	#Max	QAM16	20.95
Band12	10	23130	1	#0	QPSK	23.02
Band12	10	23130	1	#Mid	QPSK	23.19
Band12	10	23130	1	#Max	QPSK	22.81
Band12	10	23130	25	#0	QPSK	22.14
Band12	10	23130	25	#Mid	QPSK	22.13
Band12	10	23130	25	#Max	QPSK	21.95
Band12	10	23130	50	#0	QPSK	0
Band12	10	23130	1	#0	QAM16	22.1
Band12	10	23130	1	#Mid	QAM16	22.15
Band12	10	23130	1	#Max	QAM16	21.72
Band12	10	23130	25	#0	QAM16	20.98
Band12	10	23130	25	#Mid	QAM16	21.11
Band12	10	23130	25	#Max	QAM16	20.93

LTE Band66

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)
Band66	1.4	131979	1	#0	QPSK	22.3
Band66	1.4	131979	1	#Mid	QPSK	23.22
Band66	1.4	131979	1	#Max	QPSK	23.11
Band66	1.4	131979	3	#0	QPSK	23.26
Band66	1.4	131979	3	#Mid	QPSK	23.38
Band66	1.4	131979	3	#Max	QPSK	23.16
Band66	1.4	131979	6	#0	QPSK	22.23
Band66	1.4	131979	1	#0	QAM16	22.17
Band66	1.4	131979	1	#Mid	QAM16	22.4
Band66	1.4	131979	1	#Max	QAM16	22.16
Band66	1.4	131979	3	#0	QAM16	22.24
Band66	1.4	131979	3	#Mid	QAM16	22.27
Band66	1.4	131979	3	#Max	QAM16	22.14
Band66	1.4	131979	6	#0	QAM16	21.27
Band66	1.4	132322	1	#0	QPSK	23.56
Band66	1.4	132322	1	#Mid	QPSK	23.64
Band66	1.4	132322	1	#Max	QPSK	23.48
Band66	1.4	132322	3	#0	QPSK	23.56
Band66	1.4	132322	3	#Mid	QPSK	23.55
Band66	1.4	132322	3	#Max	QPSK	23.49
Band66	1.4	132322	6	#0	QPSK	22.47
Band66	1.4	132322	1	#0	QAM16	22.59
Band66	1.4	132322	1	#Mid	QAM16	22.69
Band66	1.4	132322	1	#Max	QAM16	22.53
Band66	1.4	132322	3	#0	QAM16	22.3
Band66	1.4	132322	3	#Mid	QAM16	22.31
Band66	1.4	132322	3	#Max	QAM16	22.26
Band66	1.4	132322	6	#0	QAM16	21.42
Band66	1.4	132665	1	#0	QPSK	22.29
Band66	1.4	132665	1	#Mid	QPSK	23.43
Band66	1.4	132665	1	#Max	QPSK	23.21
Band66	1.4	132665	3	#0	QPSK	23.29
Band66	1.4	132665	3	#Mid	QPSK	23.26
Band66	1.4	132665	3	#Max	QPSK	23.21
Band66	1.4	132665	6	#0	QPSK	22.15
Band66	1.4	132665	1	#0	QAM16	22.09
Band66	1.4	132665	1	#Mid	QAM16	22.42
Band66	1.4	132665	1	#Max	QAM16	21.7
Band66	1.4	132665	3	#0	QAM16	21.97
Band66	1.4	132665	3	#Mid	QAM16	22.29
Band66	1.4	132665	3	#Max	QAM16	22.21
Band66	1.4	132665	6	#0	QAM16	21.17
Band66	3	131987	1	#0	QPSK	23.35
Band66	3	131987	1	#Mid	QPSK	23.79
Band66	3	131987	1	#Max	QPSK	0
Band66	3	131987	8	#0	QPSK	22.3
Band66	3	131987	8	#Mid	QPSK	22.3

Band66	3	131987	8	#Max	QPSK	22.25
Band66	3	131987	15	#0	QPSK	22.49
Band66	3	131987	1	#0	QAM16	23.09
Band66	3	131987	1	#Mid	QAM16	23.07
Band66	3	131987	1	#Max	QAM16	22.98
Band66	3	131987	8	#0	QAM16	20.97
Band66	3	131987	8	#Mid	QAM16	21.01
Band66	3	131987	8	#Max	QAM16	20.86
Band66	3	131987	15	#0	QAM16	21.3
Band66	3	132322	1	#0	QPSK	23.29
Band66	3	132322	1	#Mid	QPSK	23.56
Band66	3	132322	1	#Max	QPSK	23.48
Band66	3	132322	8	#0	QPSK	22.57
Band66	3	132322	8	#Mid	QPSK	22.59
Band66	3	132322	8	#Max	QPSK	22.45
Band66	3	132322	15	#0	QPSK	22.58
Band66	3	132322	1	#0	QAM16	22.32
Band66	3	132322	1	#Mid	QAM16	22.58
Band66	3	132322	1	#Max	QAM16	22.47
Band66	3	132322	8	#0	QAM16	21.41
Band66	3	132322	8	#Mid	QAM16	21.45
Band66	3	132322	8	#Max	QAM16	21.51
Band66	3	132322	15	#0	QAM16	21.48
Band66	3	132657	1	#0	QPSK	23.36
Band66	3	132657	1	#Mid	QPSK	23.31
Band66	3	132657	1	#Max	QPSK	23.5
Band66	3	132657	8	#0	QPSK	22.42
Band66	3	132657	8	#Mid	QPSK	22.51
Band66	3	132657	8	#Max	QPSK	22.43
Band66	3	132657	15	#0	QPSK	22.43
Band66	3	132657	1	#0	QAM16	22.44
Band66	3	132657	1	#Mid	QAM16	22.4
Band66	3	132657	1	#Max	QAM16	22.24
Band66	3	132657	8	#0	QAM16	20.86
Band66	3	132657	8	#Mid	QAM16	21.05
Band66	3	132657	8	#Max	QAM16	21.01
Band66	3	132657	15	#0	QAM16	21.19
Band66	5	131997	1	#0	QPSK	23.37
Band66	5	131997	1	#Mid	QPSK	23.67
Band66	5	131997	1	#Max	QPSK	23.37
Band66	5	131997	12	#0	QPSK	22.48
Band66	5	131997	12	#Mid	QPSK	22.41
Band66	5	131997	12	#Max	QPSK	22.49
Band66	5	131997	25	#0	QPSK	22.47
Band66	5	131997	1	#0	QAM16	22.24
Band66	5	131997	1	#Mid	QAM16	22.21
Band66	5	131997	1	#Max	QAM16	22.02
Band66	5	131997	12	#0	QAM16	21.24
Band66	5	131997	12	#Mid	QAM16	21.2

Band66	5	131997	12	#Max	QAM16	21.2
Band66	5	131997	25	#0	QAM16	21.33
Band66	5	132322	1	#0	QPSK	23.24
Band66	5	132322	1	#Mid	QPSK	23.45
Band66	5	132322	1	#Max	QPSK	23.36
Band66	5	132322	12	#0	QPSK	22.59
Band66	5	132322	12	#Mid	QPSK	22.62
Band66	5	132322	12	#Max	QPSK	22.58
Band66	5	132322	25	#0	QPSK	22.59
Band66	5	132322	1	#0	QAM16	22.41
Band66	5	132322	1	#Mid	QAM16	22.52
Band66	5	132322	1	#Max	QAM16	22.44
Band66	5	132322	12	#0	QAM16	21.21
Band66	5	132322	12	#Mid	QAM16	21.26
Band66	5	132322	12	#Max	QAM16	21.32
Band66	5	132322	25	#0	QAM16	21.47
Band66	5	132647	1	#0	QPSK	23.19
Band66	5	132647	1	#Mid	QPSK	23.24
Band66	5	132647	1	#Max	QPSK	23.1
Band66	5	132647	12	#0	QPSK	22.4
Band66	5	132647	12	#Mid	QPSK	22.43
Band66	5	132647	12	#Max	QPSK	22.42
Band66	5	132647	25	#0	QPSK	22.48
Band66	5	132647	1	#0	QAM16	22.58
Band66	5	132647	1	#Mid	QAM16	22.58
Band66	5	132647	1	#Max	QAM16	22.55
Band66	5	132647	12	#0	QAM16	21.16
Band66	5	132647	12	#Mid	QAM16	21.17
Band66	5	132647	12	#Max	QAM16	21.17
Band66	5	132647	25	#0	QAM16	21.25
Band66	10	132022	1	#0	QPSK	23.49
Band66	10	132022	1	#Mid	QPSK	23.83
Band66	10	132022	1	#Max	QPSK	23.29
Band66	10	132022	25	#0	QPSK	22.49
Band66	10	132022	25	#Mid	QPSK	22.56
Band66	10	132022	25	#Max	QPSK	22.51
Band66	10	132022	50	#0	QPSK	22.41
Band66	10	132022	1	#0	QAM16	22.94
Band66	10	132022	1	#Mid	QAM16	23.76
Band66	10	132022	1	#Max	QAM16	22.93
Band66	10	132022	25	#0	QAM16	21.33
Band66	10	132022	25	#Mid	QAM16	21.5
Band66	10	132022	25	#Max	QAM16	21.39
Band66	10	132322	1	#0	QPSK	23.53
Band66	10	132322	1	#Mid	QPSK	23.92
Band66	10	132322	1	#Max	QPSK	23.64
Band66	10	132322	25	#0	QPSK	22.6
Band66	10	132322	25	#Mid	QPSK	22.61
Band66	10	132322	25	#Max	QPSK	22.7

Band66	10	132322	50	#0	QPSK	0
Band66	10	132322	1	#0	QAM16	22.54
Band66	10	132322	1	#Mid	QAM16	22.54
Band66	10	132322	1	#Max	QAM16	22.55
Band66	10	132322	25	#0	QAM16	21.56
Band66	10	132322	25	#Mid	QAM16	21.59
Band66	10	132322	25	#Max	QAM16	21.6
Band66	10	132622	1	#0	QPSK	23.23
Band66	10	132622	1	#Mid	QPSK	23.54
Band66	10	132622	1	#Max	QPSK	23.61
Band66	10	132622	25	#0	QPSK	22.34
Band66	10	132622	25	#Mid	QPSK	22.42
Band66	10	132622	25	#Max	QPSK	22.66
Band66	10	132622	50	#0	QPSK	0
Band66	10	132622	1	#0	QAM16	22.31
Band66	10	132622	1	#Mid	QAM16	22.43
Band66	10	132622	1	#Max	QAM16	21.98
Band66	10	132622	25	#0	QAM16	21.15
Band66	10	132622	25	#Mid	QAM16	21.18
Band66	10	132622	25	#Max	QAM16	21.25
Band66	15	132047	1	#0	QPSK	23.46
Band66	15	132047	1	#Mid	QPSK	23.81
Band66	15	132047	1	#Max	QPSK	23.4
Band66	15	132047	36	#0	QPSK	22.45
Band66	15	132047	36	#Mid	QPSK	22.49
Band66	15	132047	36	#Max	QPSK	22.43
Band66	15	132047	75	#0	QPSK	22.45
Band66	15	132047	1	#0	QAM16	23.04
Band66	15	132047	1	#Mid	QAM16	23.71
Band66	15	132047	1	#Max	QAM16	22.75
Band66	15	132047	36	#0	QAM16	0
Band66	15	132047	36	#Mid	QAM16	0
Band66	15	132047	36	#Max	QAM16	0
Band66	15	132322	1	#0	QPSK	-20.39
Band66	15	132322	1	#Mid	QPSK	23.43
Band66	15	132322	1	#Max	QPSK	23.76
Band66	15	132322	36	#0	QPSK	22.38
Band66	15	132322	36	#Mid	QPSK	22.4
Band66	15	132322	36	#Max	QPSK	22.42
Band66	15	132322	75	#0	QPSK	22.43
Band66	15	132322	1	#0	QAM16	22.66
Band66	15	132322	1	#Mid	QAM16	23.76
Band66	15	132322	1	#Max	QAM16	23.02
Band66	15	132322	36	#0	QAM16	0
Band66	15	132322	36	#Mid	QAM16	0
Band66	15	132322	36	#Max	QAM16	0
Band66	15	132597	1	#0	QPSK	23.41
Band66	15	132597	1	#Mid	QPSK	23.28
Band66	15	132597	1	#Max	QPSK	23.19

Band66	15	132597	36	#0	QPSK	0
Band66	15	132597	36	#Mid	QPSK	0
Band66	15	132597	36	#Max	QPSK	0
Band66	15	132597	75	#0	QPSK	0
Band66	15	132597	1	#0	QAM16	22.73
Band66	15	132597	1	#Mid	QAM16	22.56
Band66	15	132597	1	#Max	QAM16	22.75
Band66	15	132597	36	#0	QAM16	0
Band66	15	132597	36	#Mid	QAM16	0
Band66	15	132597	36	#Max	QAM16	0
Band66	20	132072	1	#0	QPSK	22.18
Band66	20	132072	1	#Mid	QPSK	23.05
Band66	20	132072	1	#Max	QPSK	22.83
Band66	20	132072	50	#0	QPSK	22.39
Band66	20	132072	50	#Mid	QPSK	22.29
Band66	20	132072	50	#Max	QPSK	22.25
Band66	20	132072	100	#0	QPSK	22.25
Band66	20	132072	1	#0	QAM16	22.5
Band66	20	132072	1	#Mid	QAM16	22.15
Band66	20	132072	1	#Max	QAM16	21.64
Band66	20	132072	50	#0	QAM16	0
Band66	20	132072	50	#Mid	QAM16	0
Band66	20	132072	50	#Max	QAM16	0
Band66	20	132322	1	#0	QPSK	22.93
Band66	20	132322	1	#Mid	QPSK	23.36
Band66	20	132322	1	#Max	QPSK	23.33
Band66	20	132322	50	#0	QPSK	0
Band66	20	132322	50	#Mid	QPSK	0
Band66	20	132322	50	#Max	QPSK	0
Band66	20	132322	100	#0	QPSK	0
Band66	20	132322	1	#0	QAM16	22.34
Band66	20	132322	1	#Mid	QAM16	22.5
Band66	20	132322	1	#Max	QAM16	22.03
Band66	20	132322	50	#0	QAM16	0
Band66	20	132322	50	#Mid	QAM16	0
Band66	20	132322	50	#Max	QAM16	0
Band66	20	132572	1	#0	QPSK	22.87
Band66	20	132572	1	#Mid	QPSK	23.11
Band66	20	132572	1	#Max	QPSK	22.74
Band66	20	132572	50	#0	QPSK	0
Band66	20	132572	50	#Mid	QPSK	0
Band66	20	132572	50	#Max	QPSK	0
Band66	20	132572	100	#0	QPSK	0
Band66	20	132572	1	#0	QAM16	21.92
Band66	20	132572	1	#Mid	QAM16	22.17
Band66	20	132572	1	#Max	QAM16	21.88
Band66	20	132572	50	#0	QAM16	0
Band66	20	132572	50	#Mid	QAM16	0
Band66	20	132572	50	#Max	QAM16	0

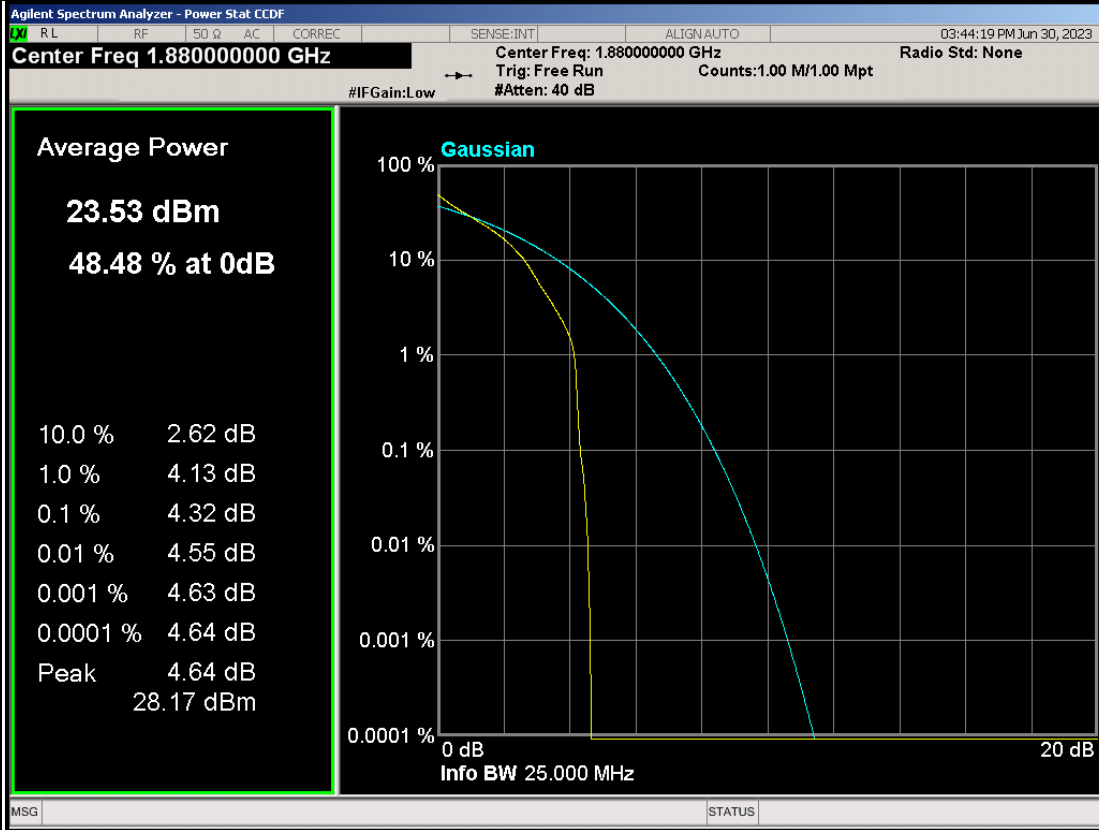
2. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18900	1	#0	QPSK	4.32	13	PASS
Band2	1.4	18900	1	#0	QAM16	5.16	13	PASS
Band2	3	18900	1	#0	QPSK	4.21	13	PASS
Band2	3	18900	1	#0	QAM16	5.10	13	PASS
Band2	5	18900	1	#0	QPSK	4.23	13	PASS
Band2	5	18900	1	#0	QAM16	5.03	13	PASS
Band2	10	18900	1	#0	QPSK	4.11	13	PASS
Band2	10	18900	1	#0	QAM16	4.92	13	PASS
Band2	15	18900	1	#0	QPSK	4.19	13	PASS
Band2	15	18900	1	#0	QAM16	5.04	13	PASS
Band2	20	18900	1	#0	QPSK	4.49	13	PASS
Band2	20	18900	1	#0	QAM16	5.24	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.40	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.32	13	PASS
Band4	3	20175	1	#0	QPSK	4.71	13	PASS
Band4	3	20175	1	#0	QAM16	5.75	13	PASS
Band4	5	20175	1	#0	QPSK	4.71	13	PASS
Band4	5	20175	1	#0	QAM16	5.62	13	PASS
Band4	10	20175	1	#0	QPSK	4.71	13	PASS
Band4	10	20175	1	#0	QAM16	5.61	13	PASS
Band4	15	20175	1	#0	QPSK	4.94	13	PASS
Band4	15	20175	1	#0	QAM16	5.60	13	PASS
Band4	20	20175	1	#0	QPSK	4.71	13	PASS
Band4	20	20175	1	#0	QAM16	5.48	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.50	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.43	13	PASS
Band5	3	20525	1	#0	QPSK	4.65	13	PASS
Band5	3	20525	1	#0	QAM16	5.53	13	PASS
Band5	5	20525	1	#0	QPSK	4.71	13	PASS
Band5	5	20525	1	#0	QAM16	5.56	13	PASS
Band5	10	20525	1	#0	QPSK	4.16	13	PASS
Band5	10	20525	1	#0	QAM16	4.97	13	PASS
Band12	1.4	23095	1	#0	QPSK	3.98	13	PASS
Band12	1.4	23095	1	#0	QAM16	4.82	13	PASS
Band12	3	23095	1	#0	QPSK	4.10	13	PASS
Band12	3	23095	1	#0	QAM16	5.00	13	PASS
Band12	5	23095	1	#0	QPSK	4.49	13	PASS
Band12	5	23095	1	#0	QAM16	5.45	13	PASS
Band12	10	23095	1	#0	QPSK	4.81	13	PASS
Band12	10	23095	1	#0	QAM16	5.70	13	PASS
Band66	1.4	132322	1	#0	QPSK	3.19	13	PASS

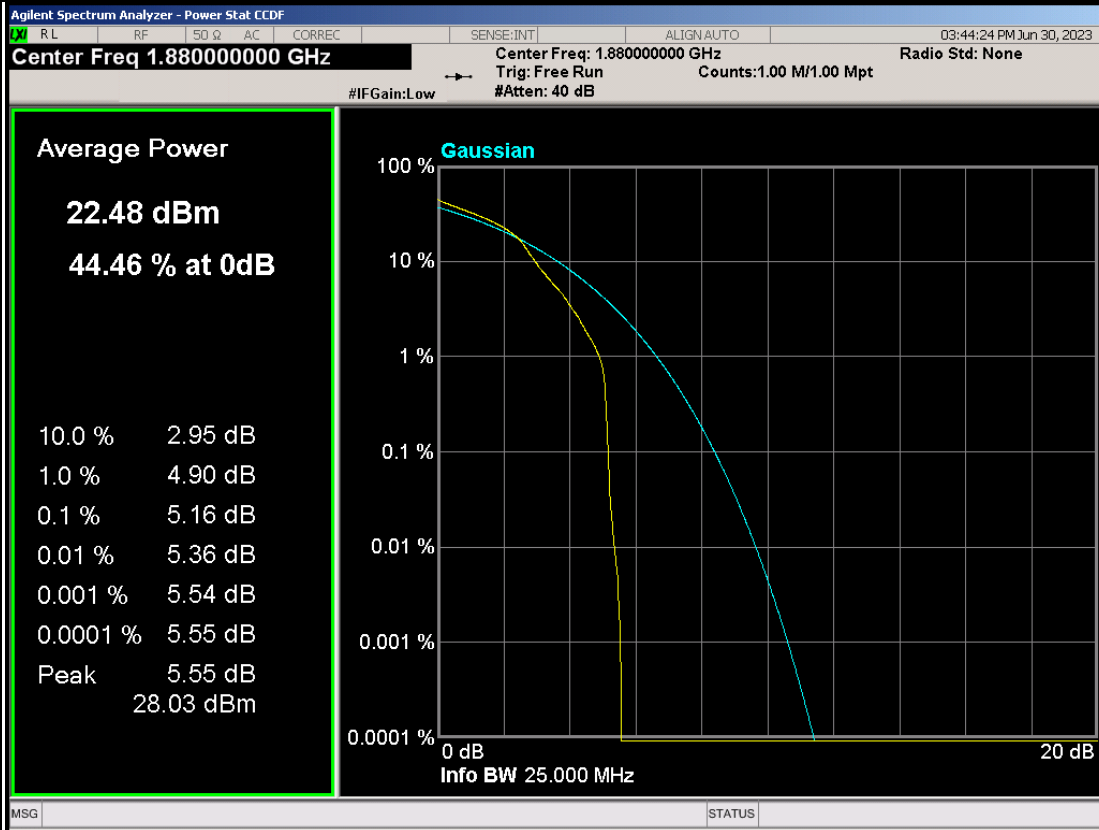
FCC ID:ZKQ-WB100

Band66	1.4	132322	1	#0	QAM16	3.88	13	PASS
Band66	3	132322	1	#0	QPSK	3.33	13	PASS
Band66	3	132322	1	#0	QAM16	3.98	13	PASS
Band66	5	132322	1	#0	QPSK	3.15	13	PASS
Band66	5	132322	1	#0	QAM16	3.96	13	PASS
Band66	10	132322	1	#0	QPSK	3.13	13	PASS
Band66	10	132322	1	#0	QAM16	3.88	13	PASS
Band66	15	132322	1	#0	QPSK	3.28	13	PASS
Band66	15	132322	1	#0	QAM16	3.91	13	PASS
Band66	20	132322	1	#0	QPSK	3.56	13	PASS
Band66	20	132322	1	#0	QAM16	4.10	13	PASS

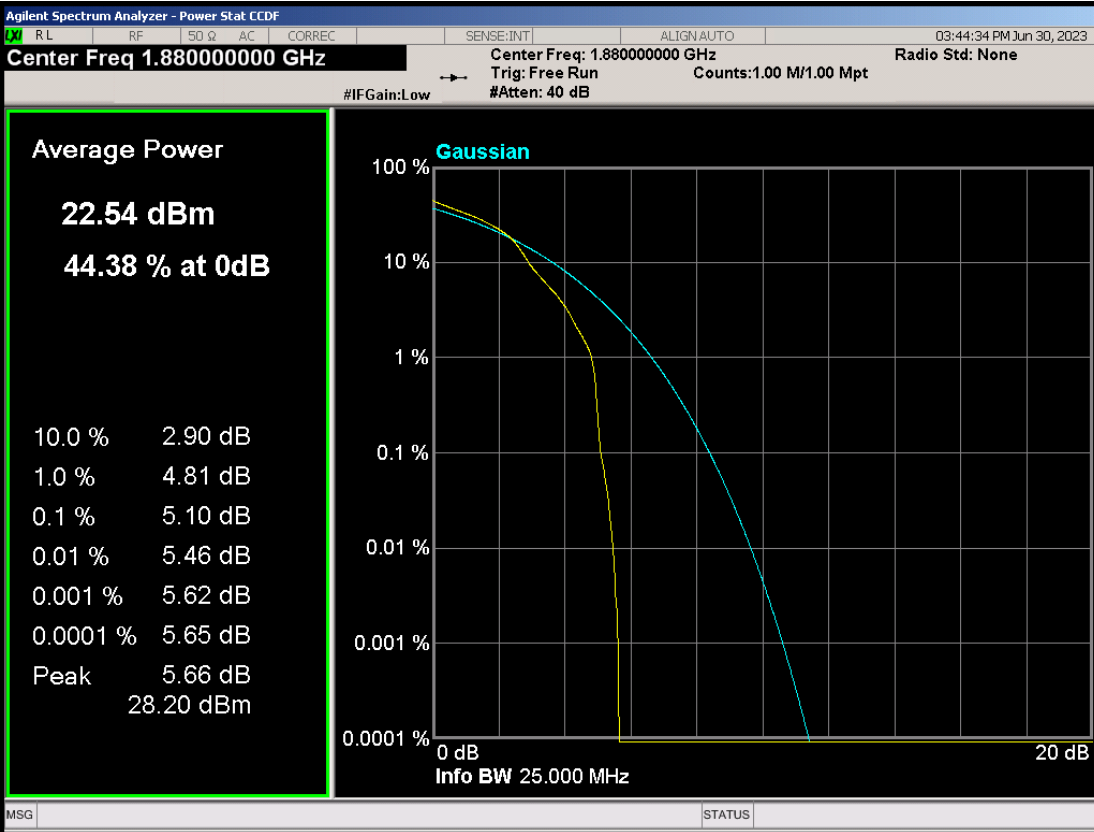
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



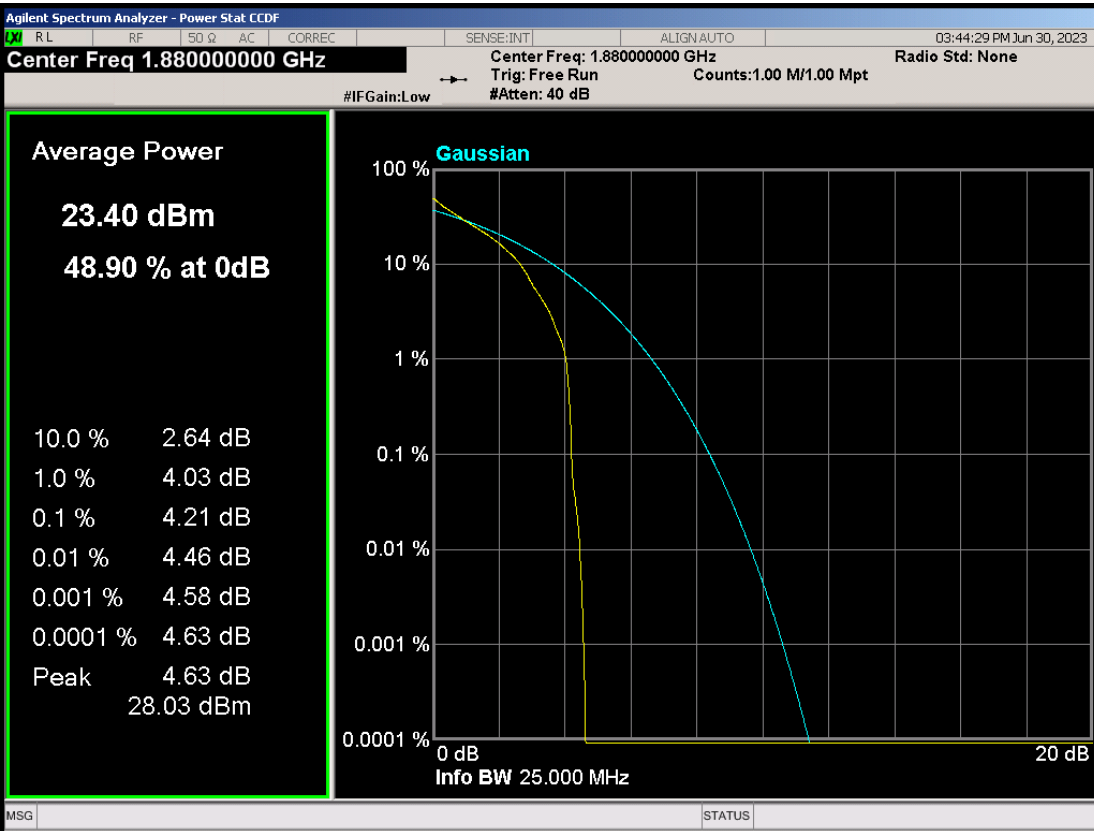
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



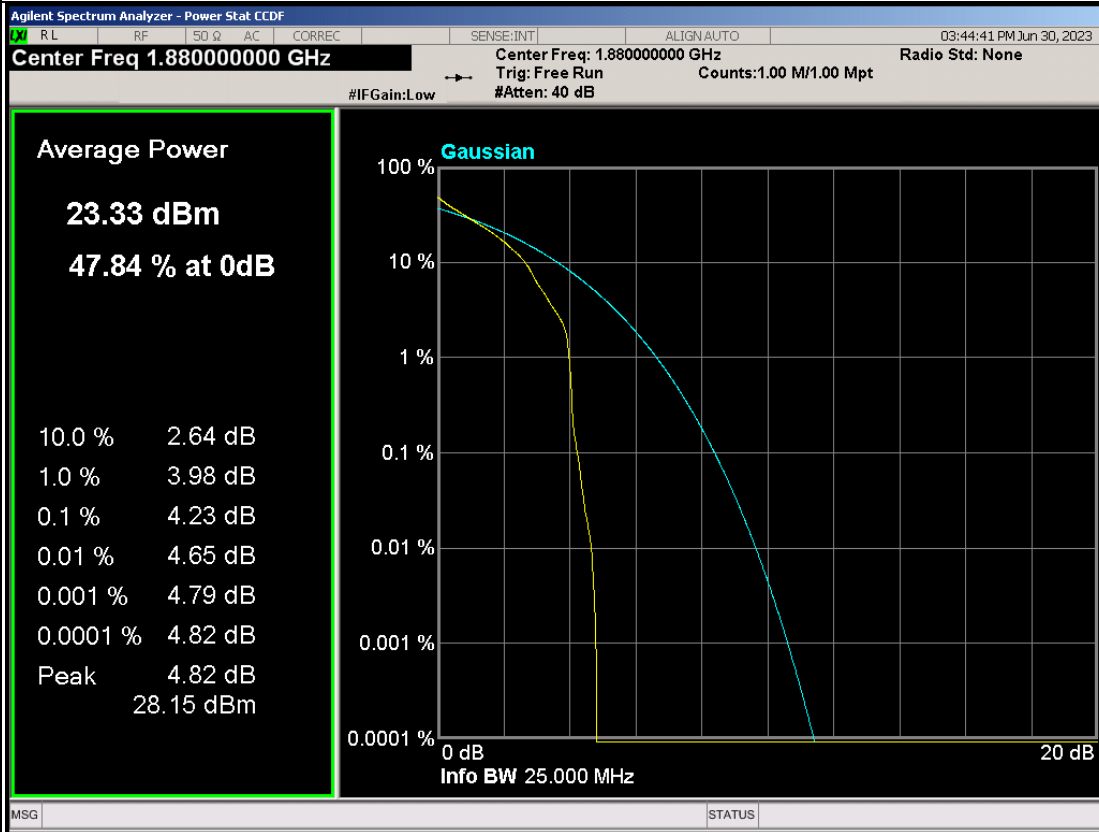
Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



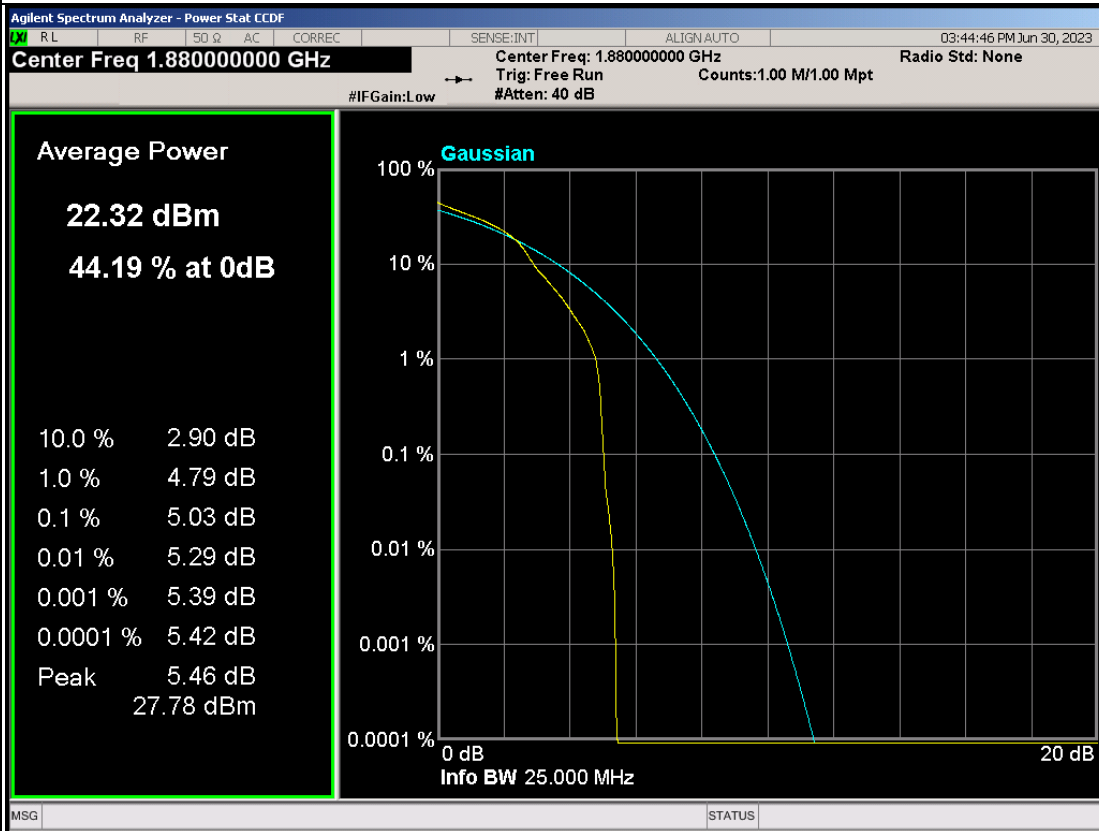
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



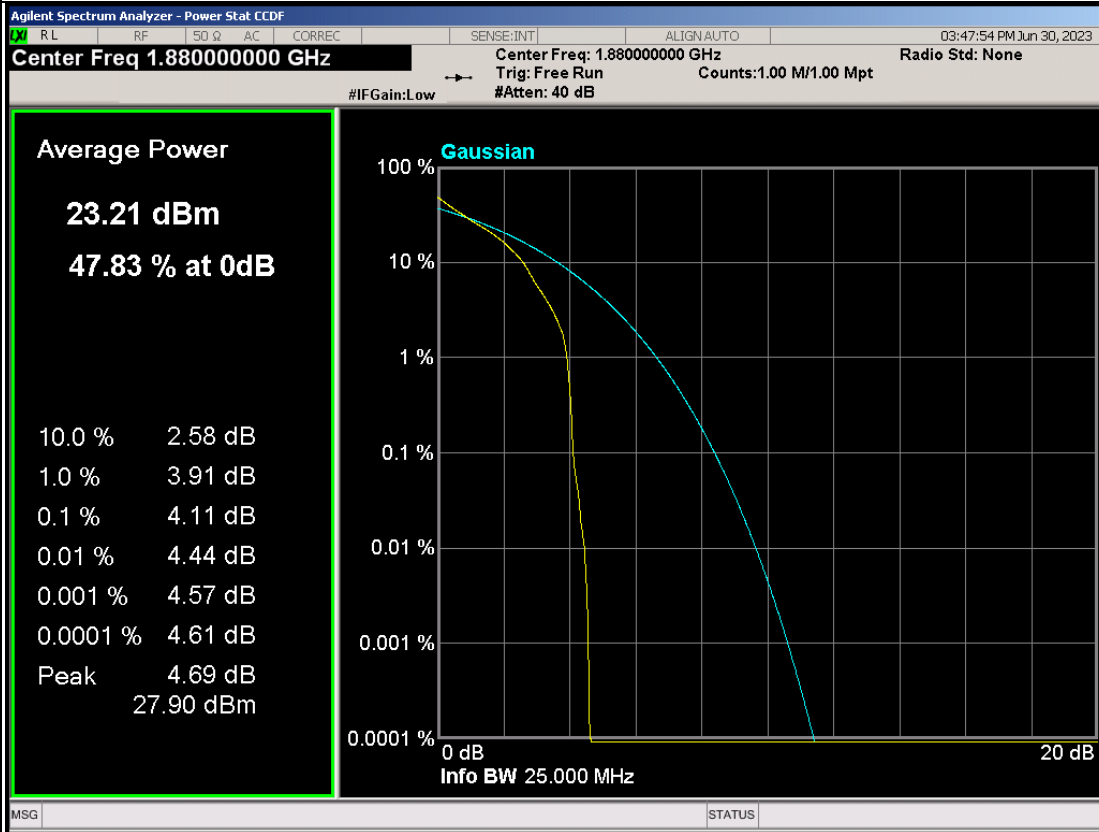
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



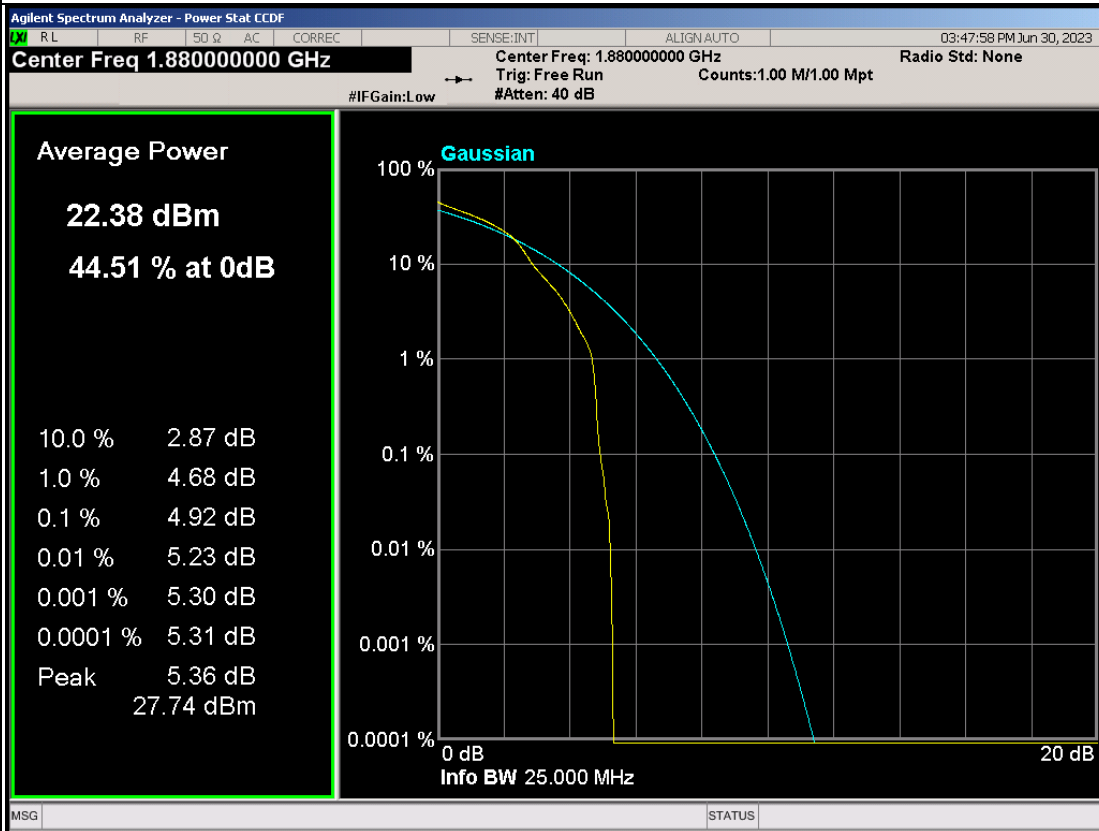
Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



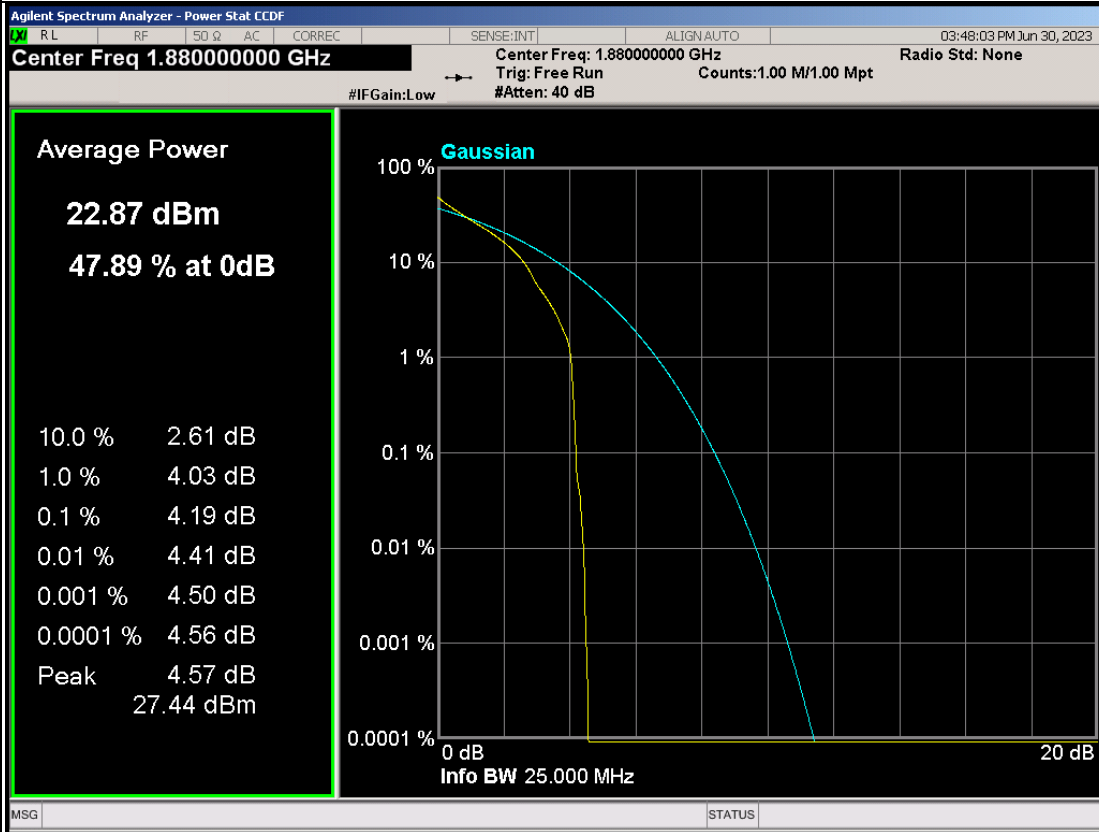
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



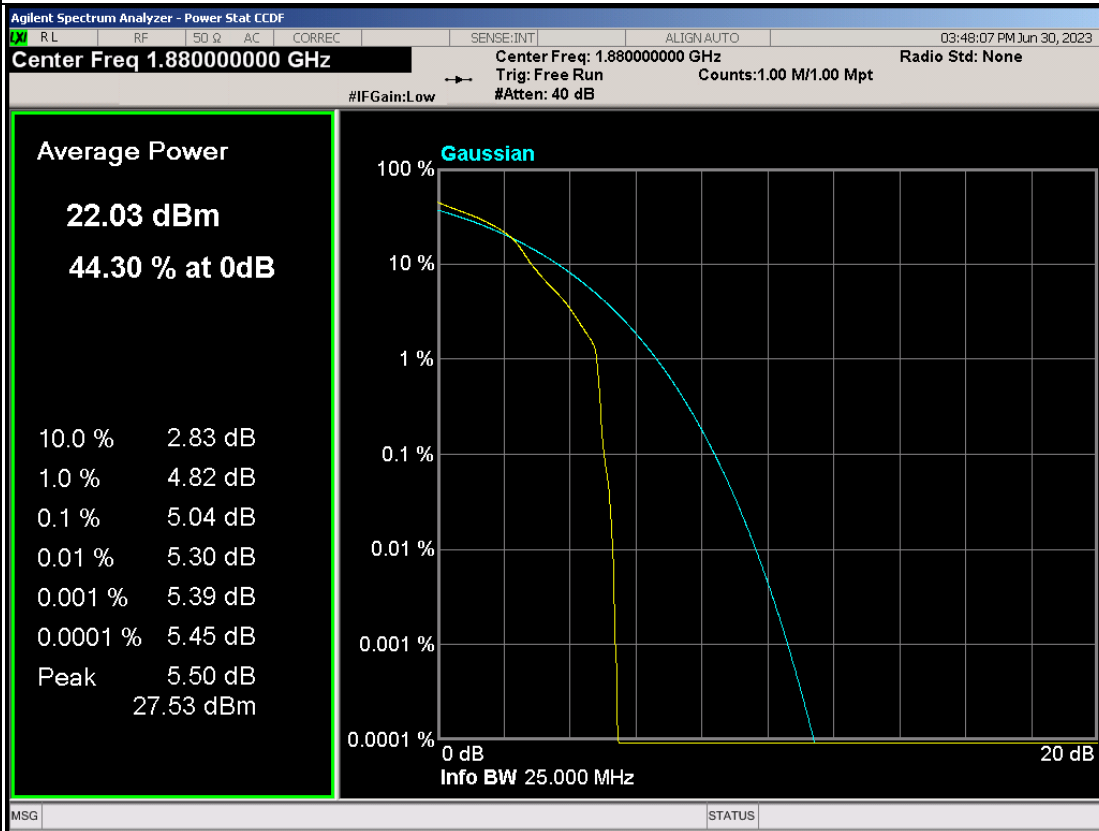
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



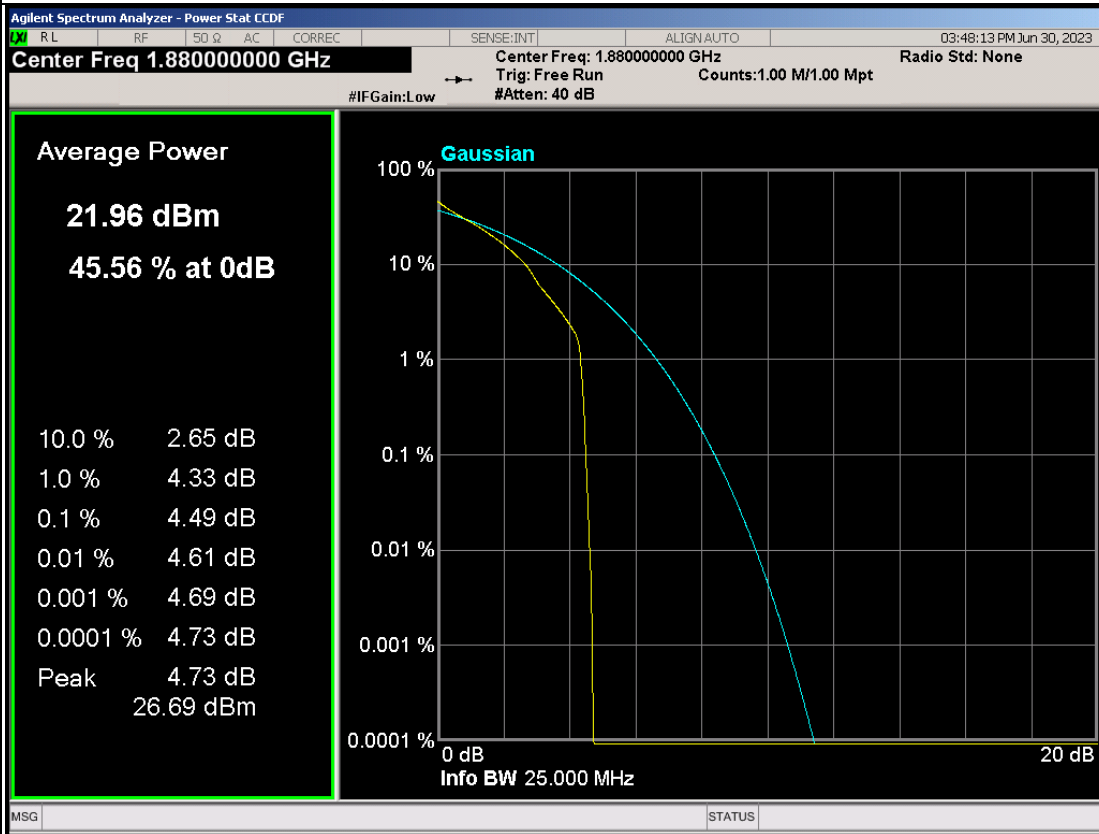
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



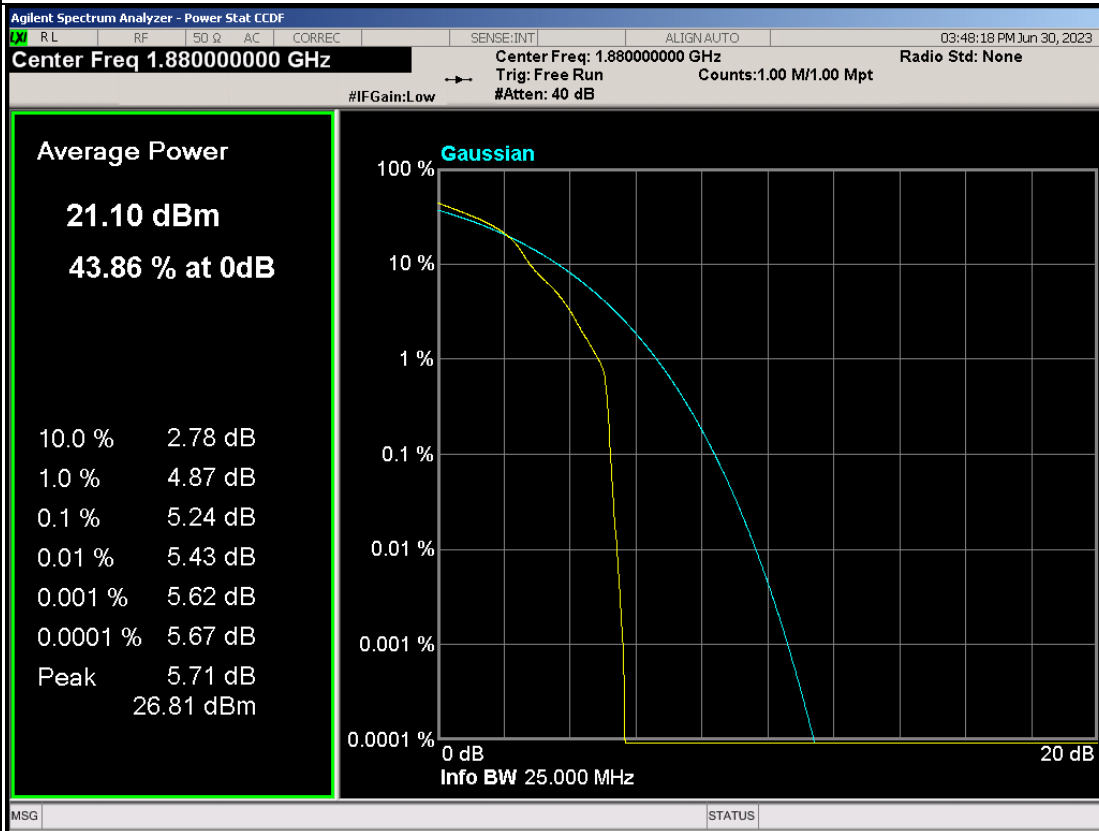
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



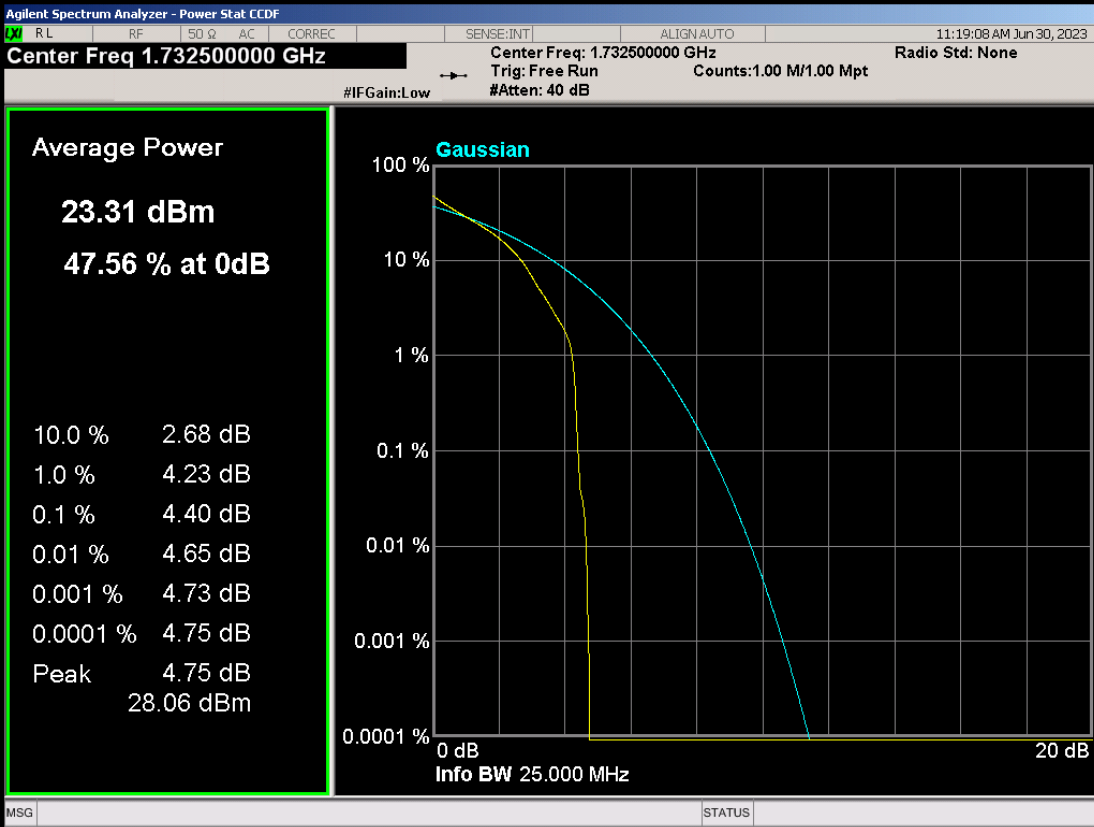
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



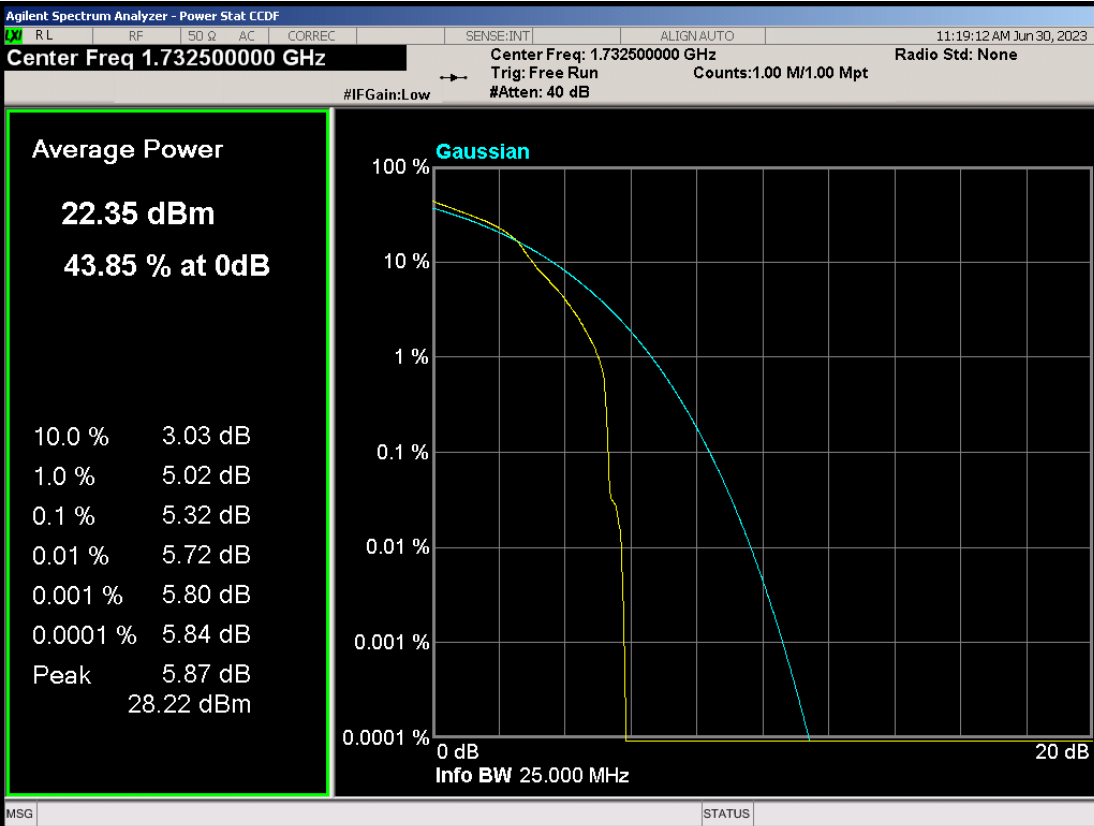
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



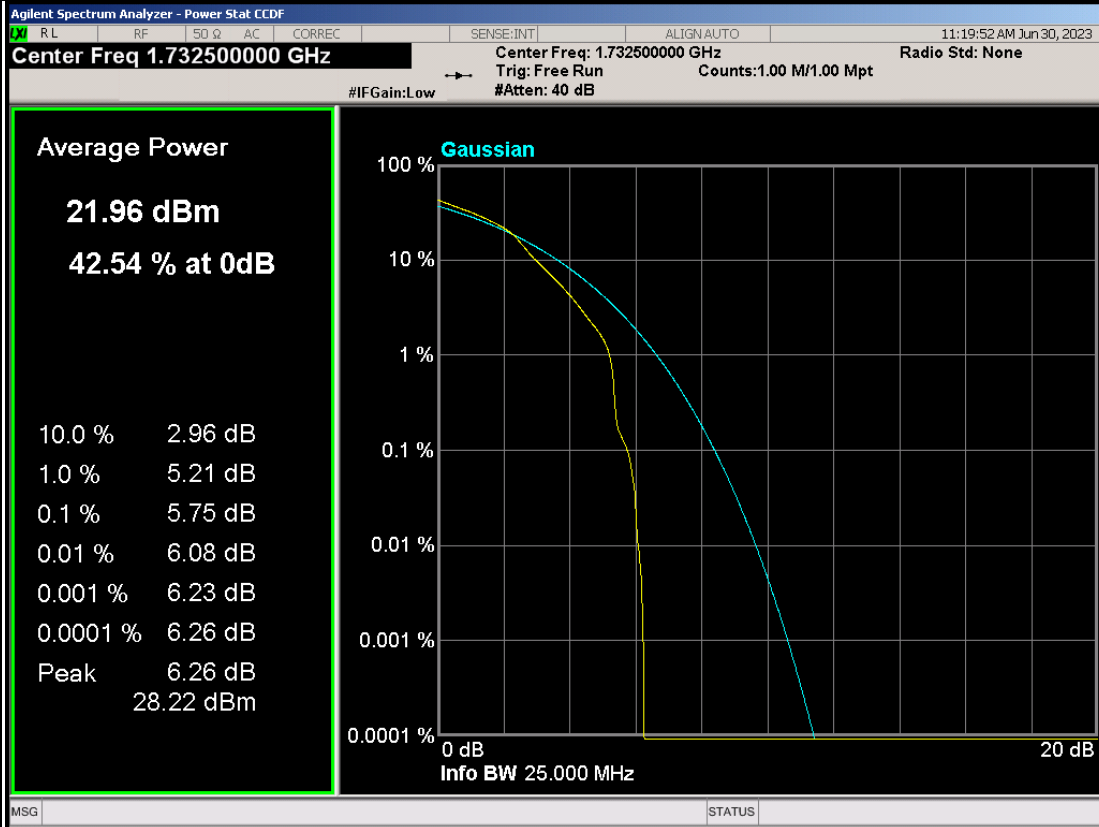
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



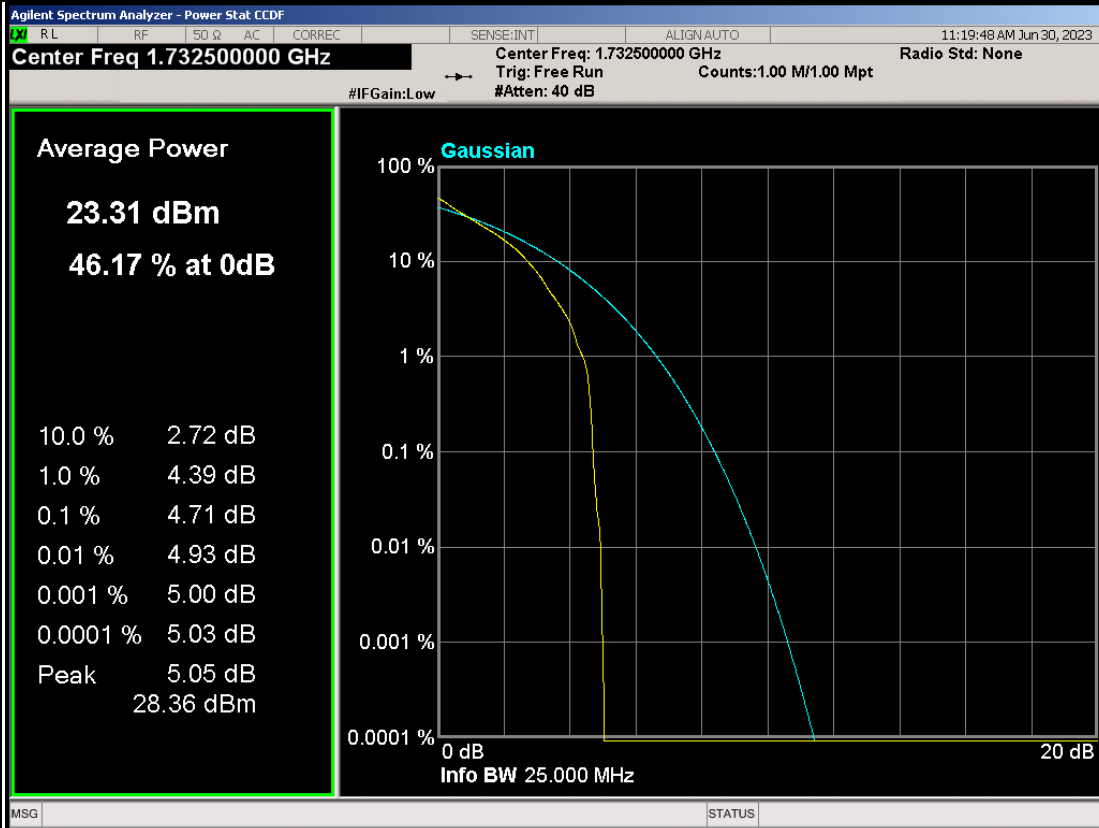
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



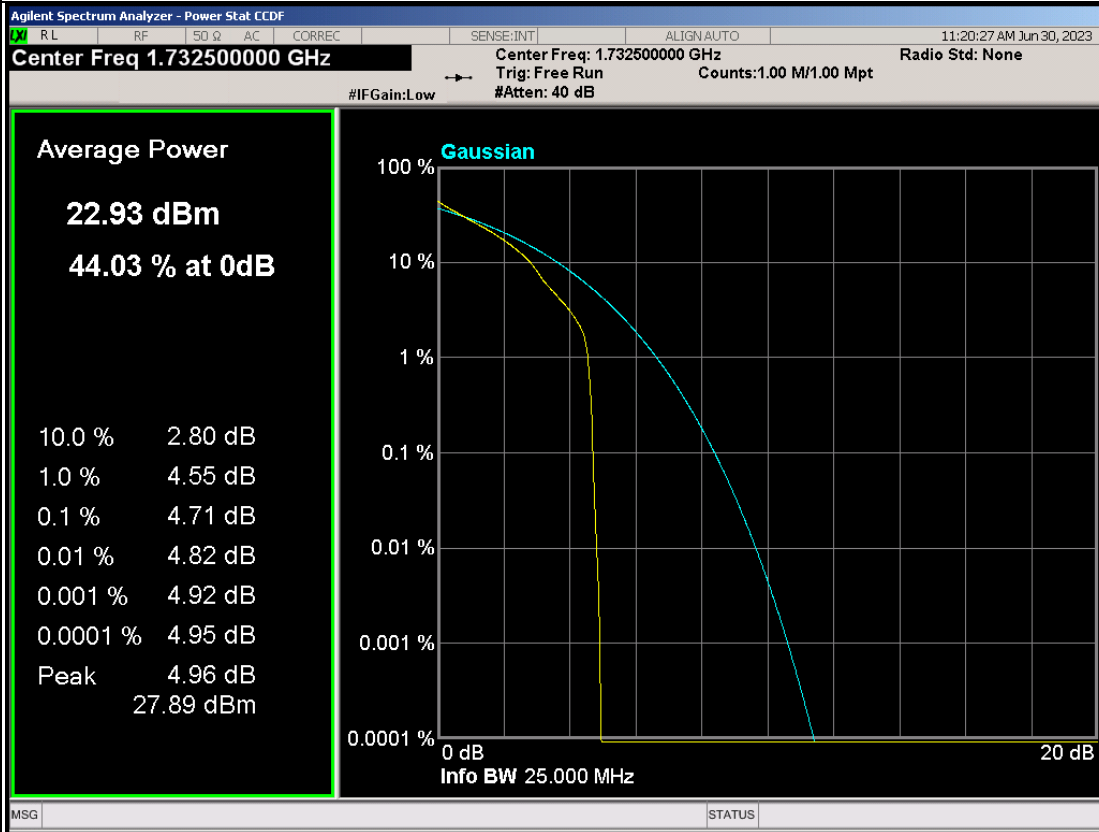
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



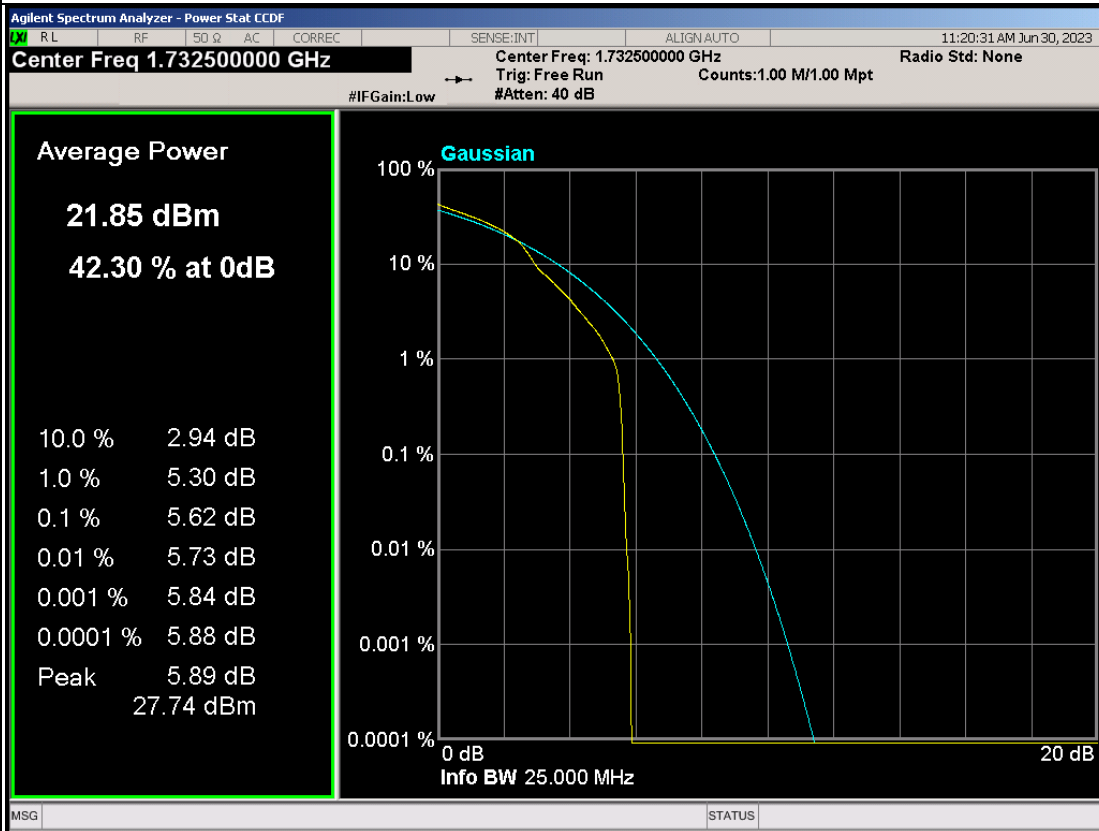
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



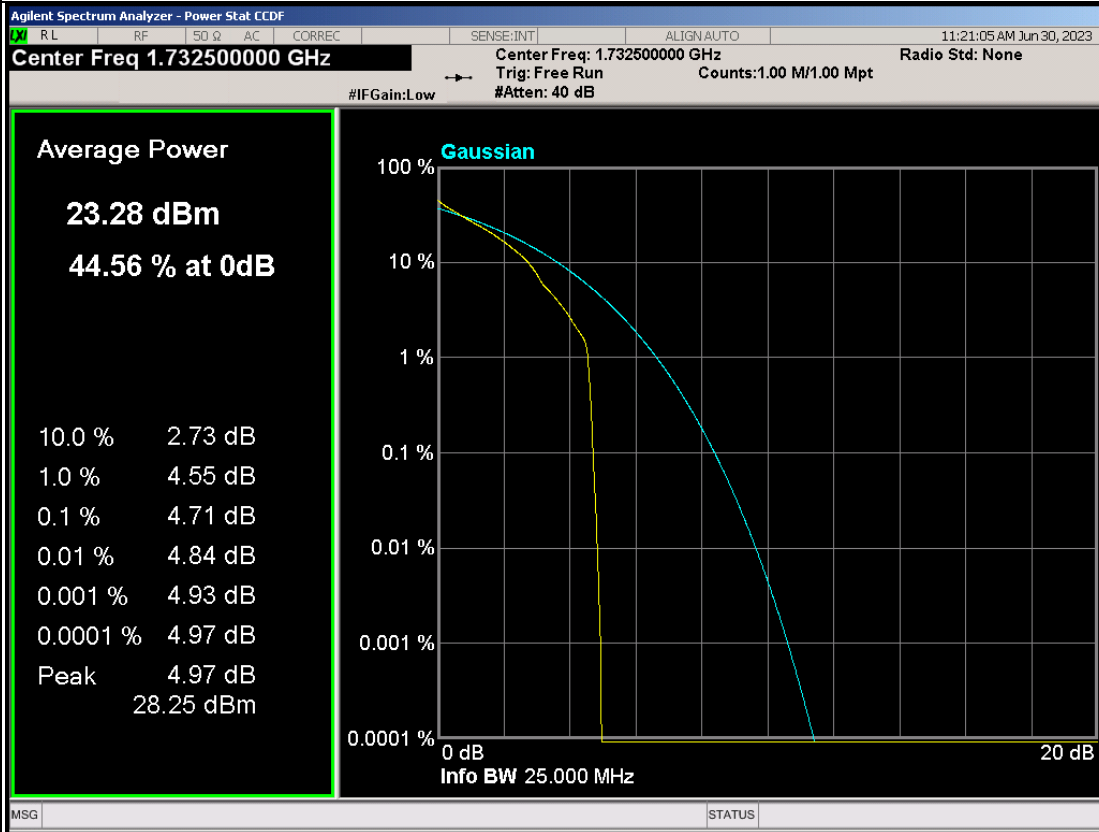
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



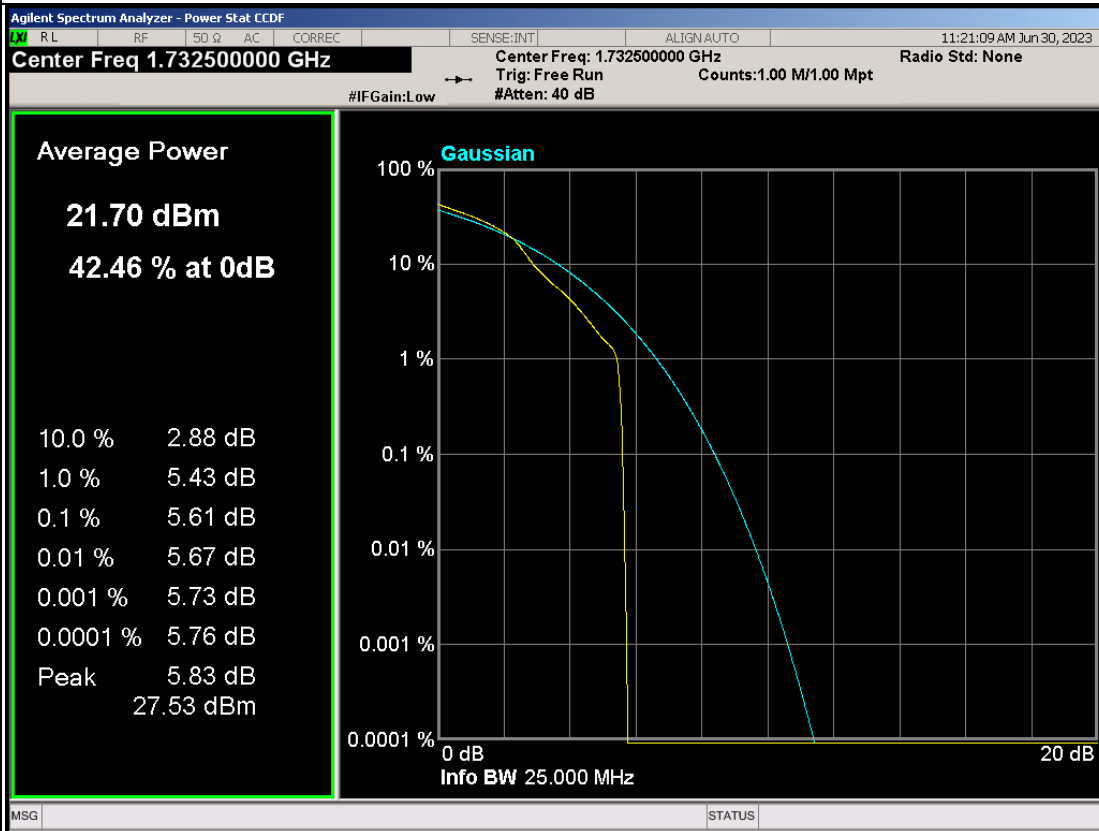
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



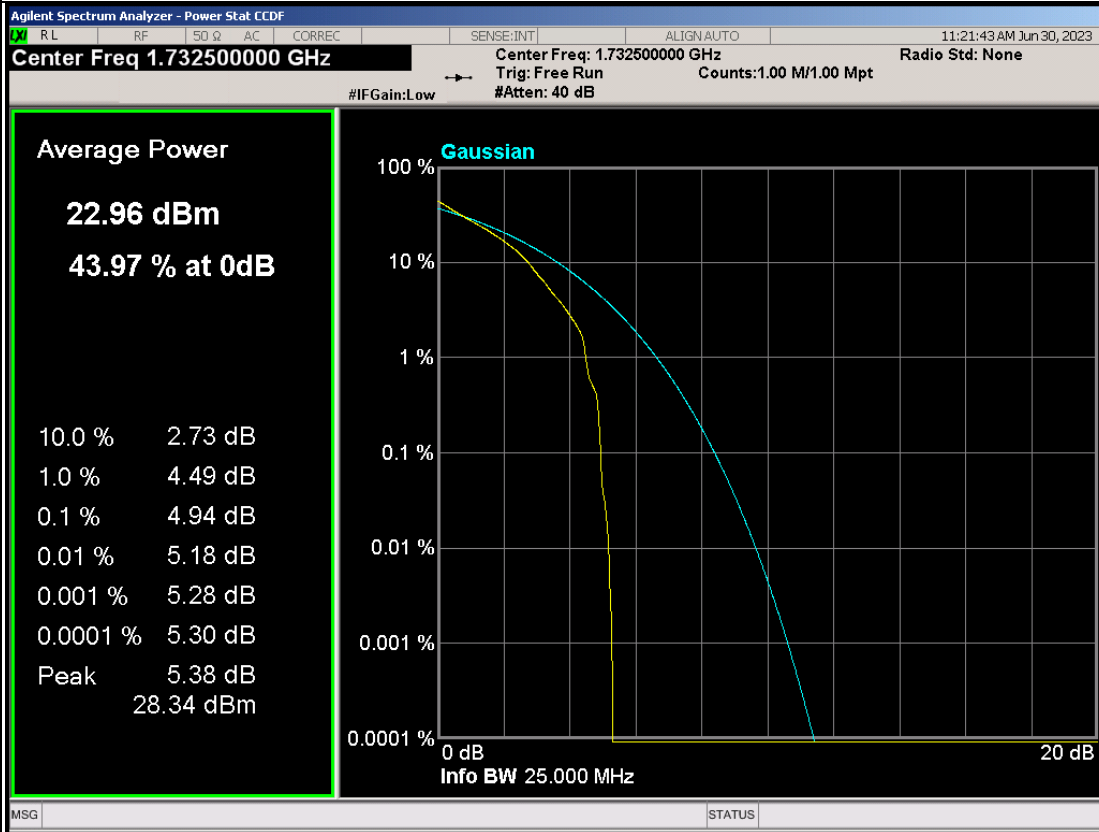
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



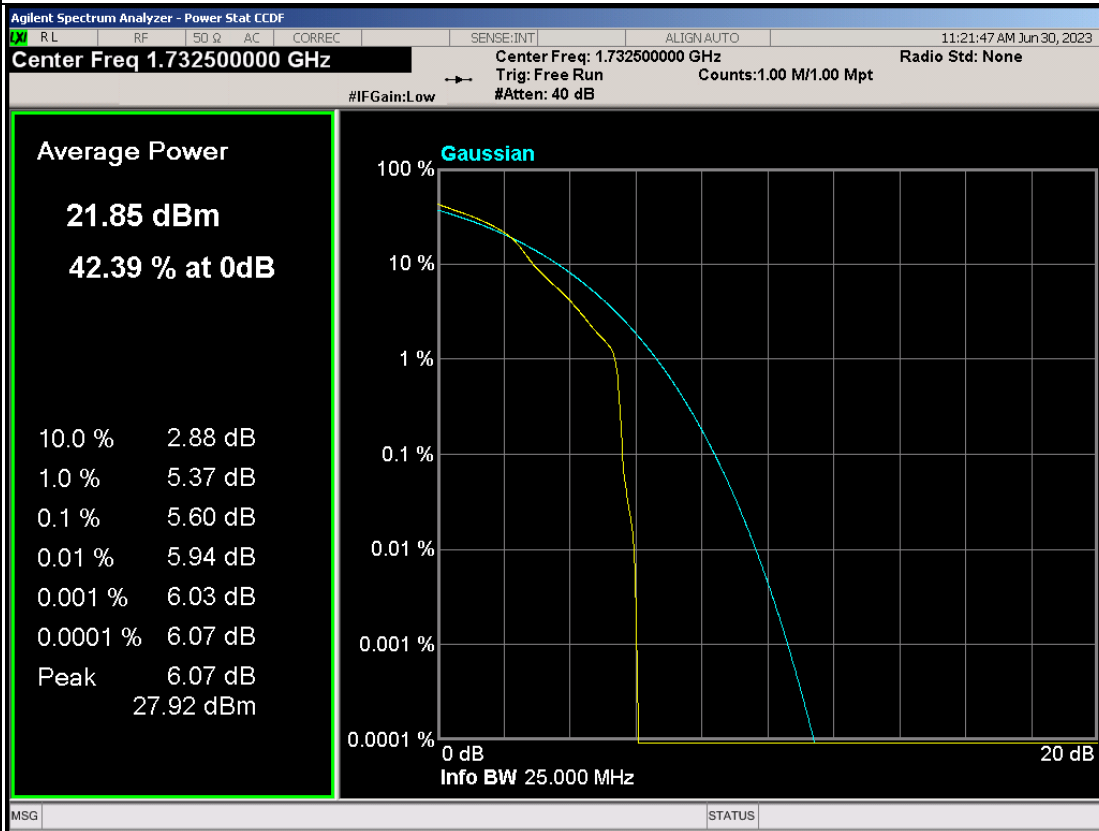
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



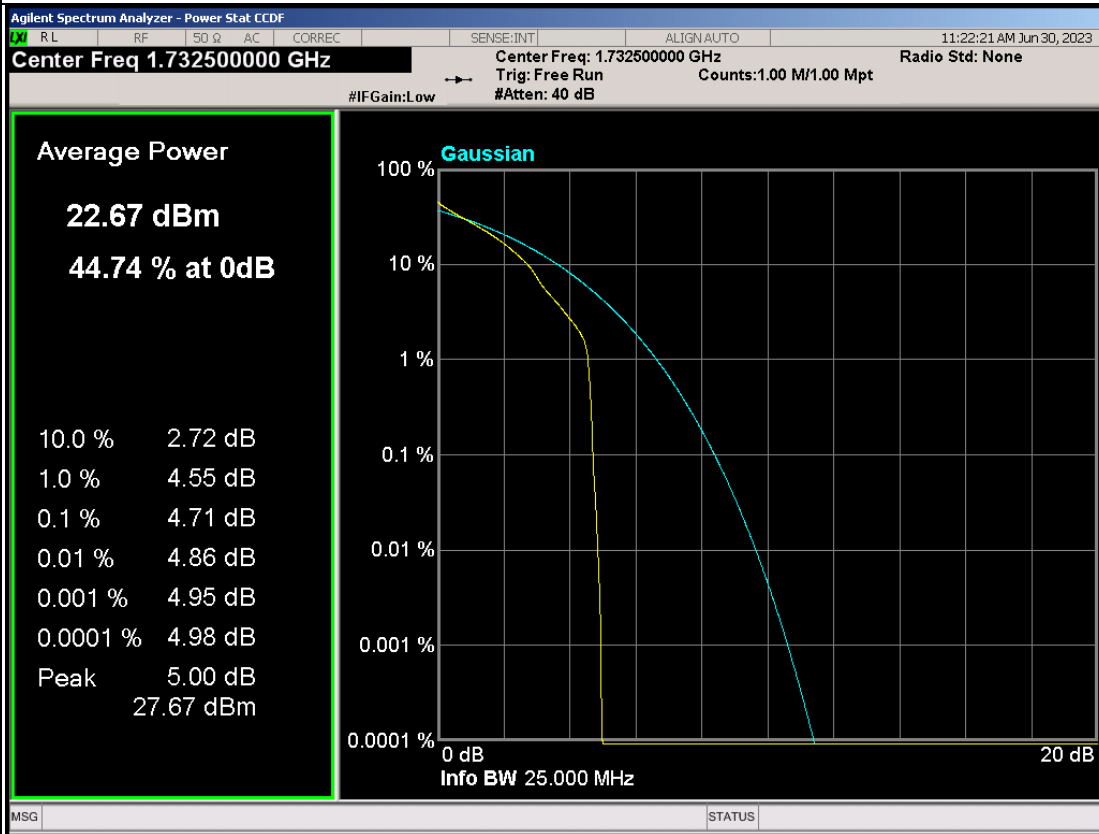
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



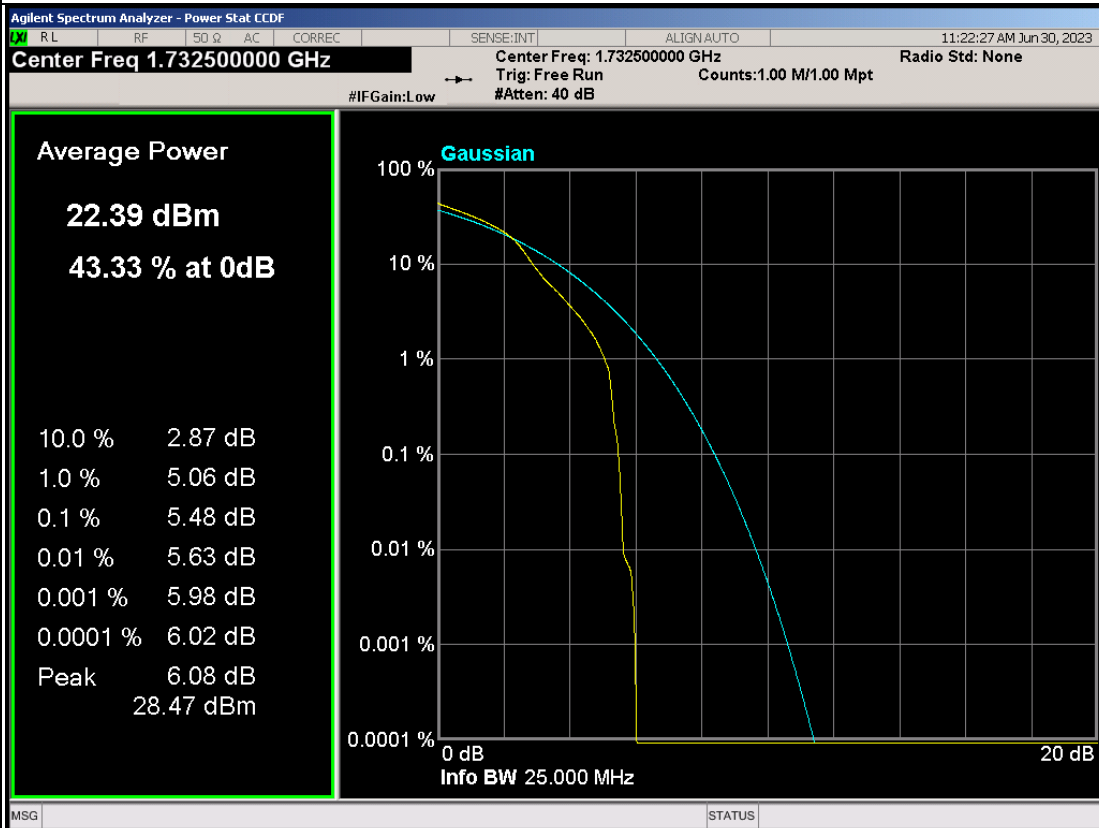
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



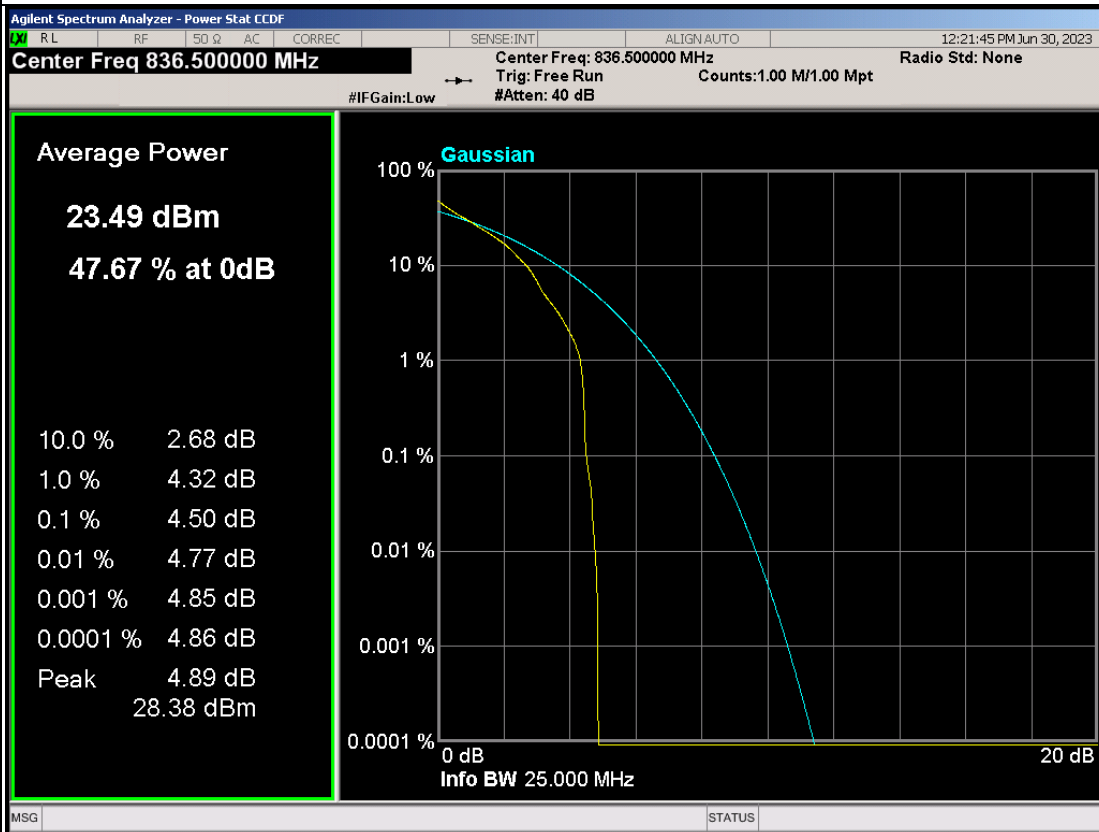
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



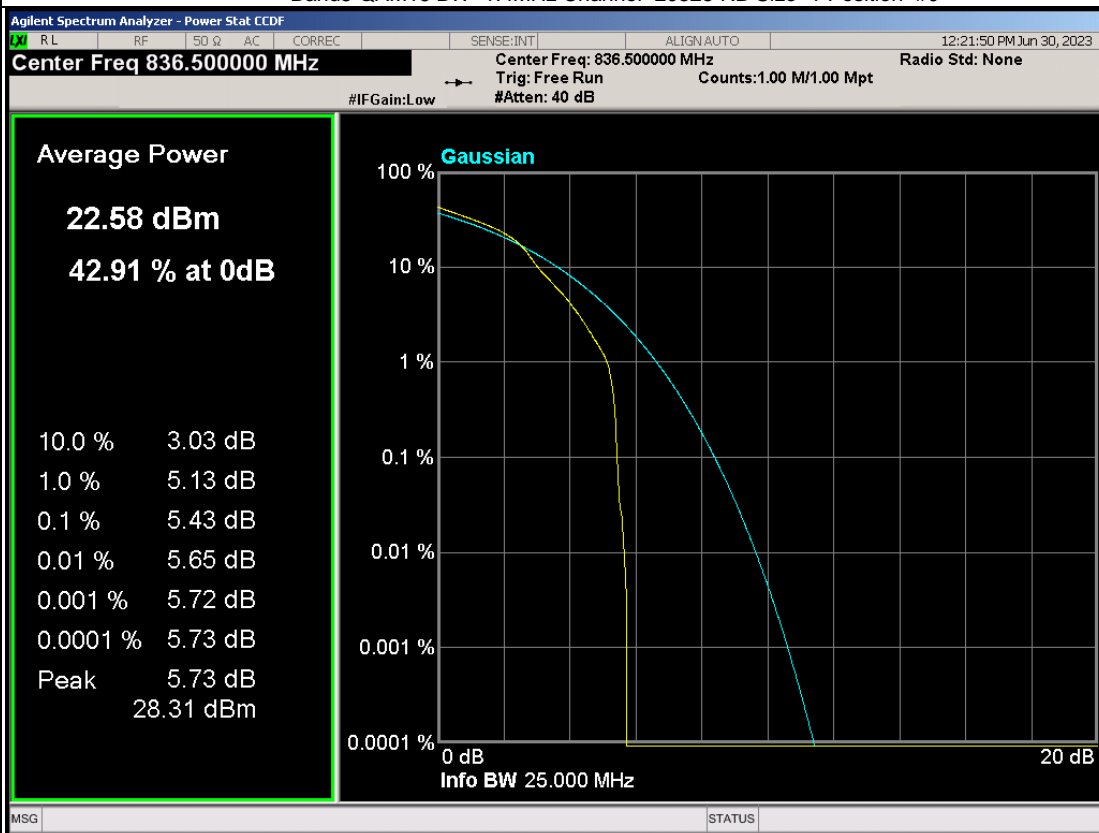
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



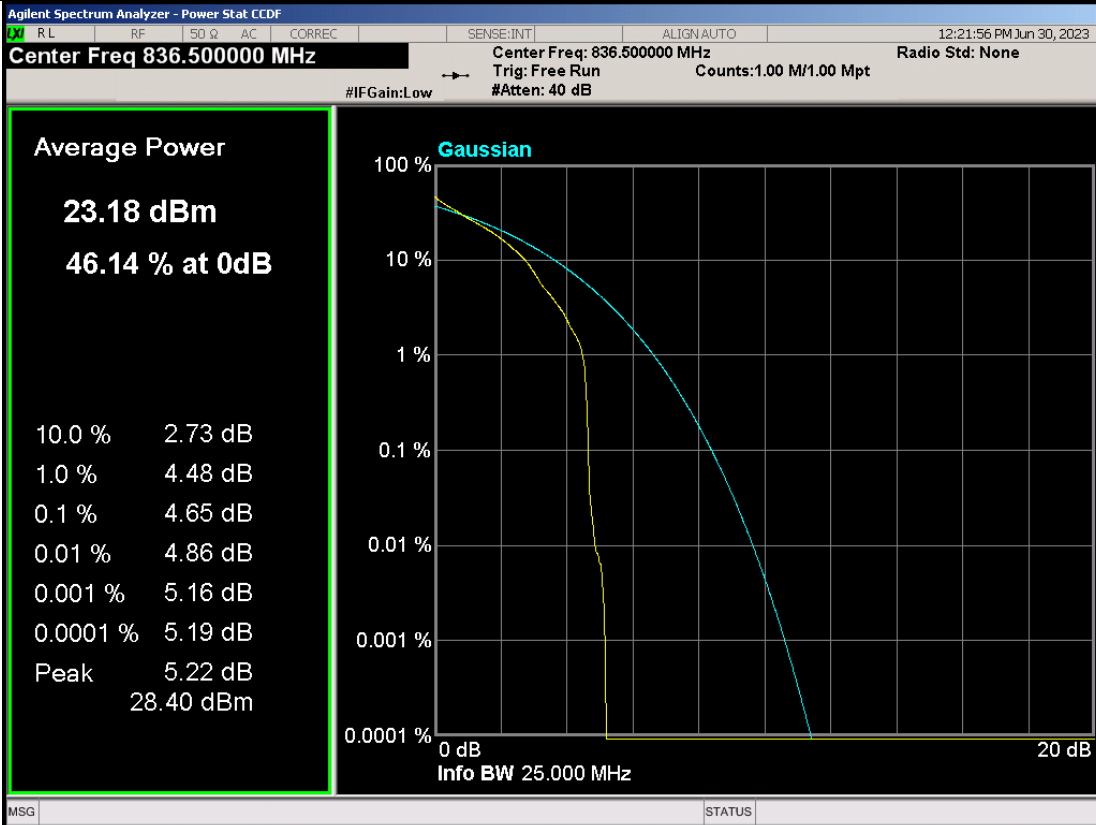
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



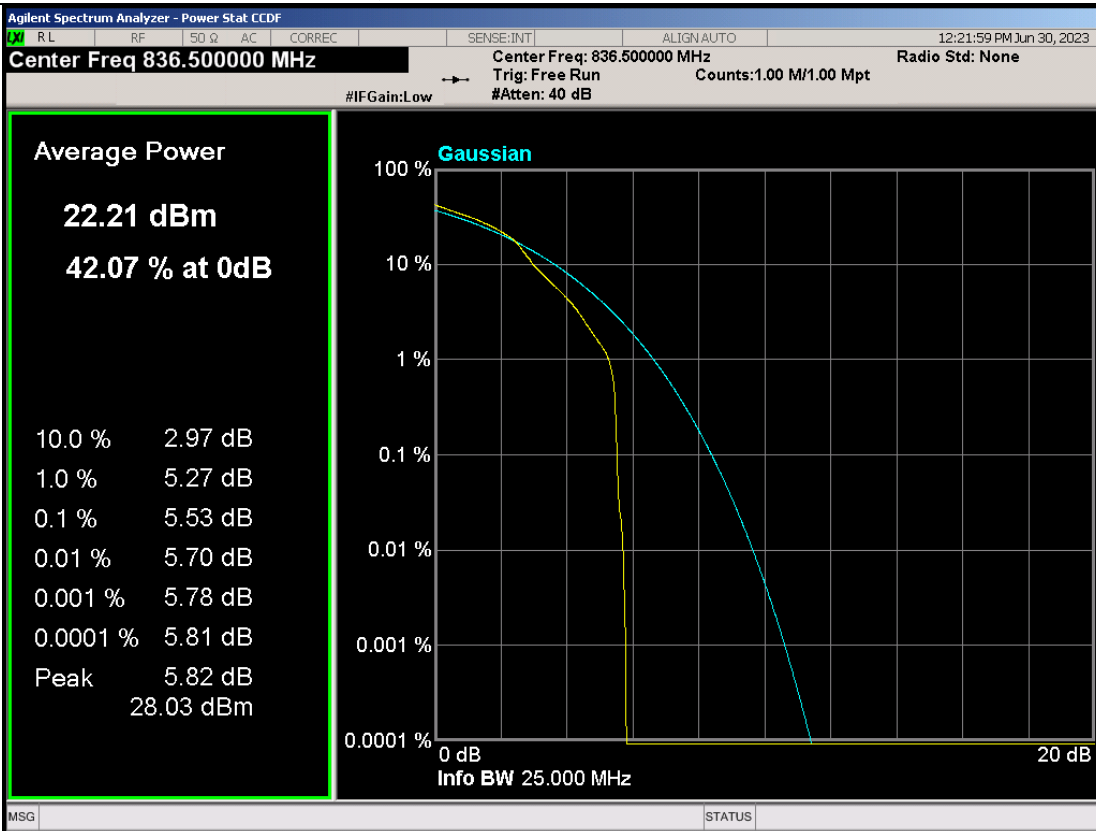
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



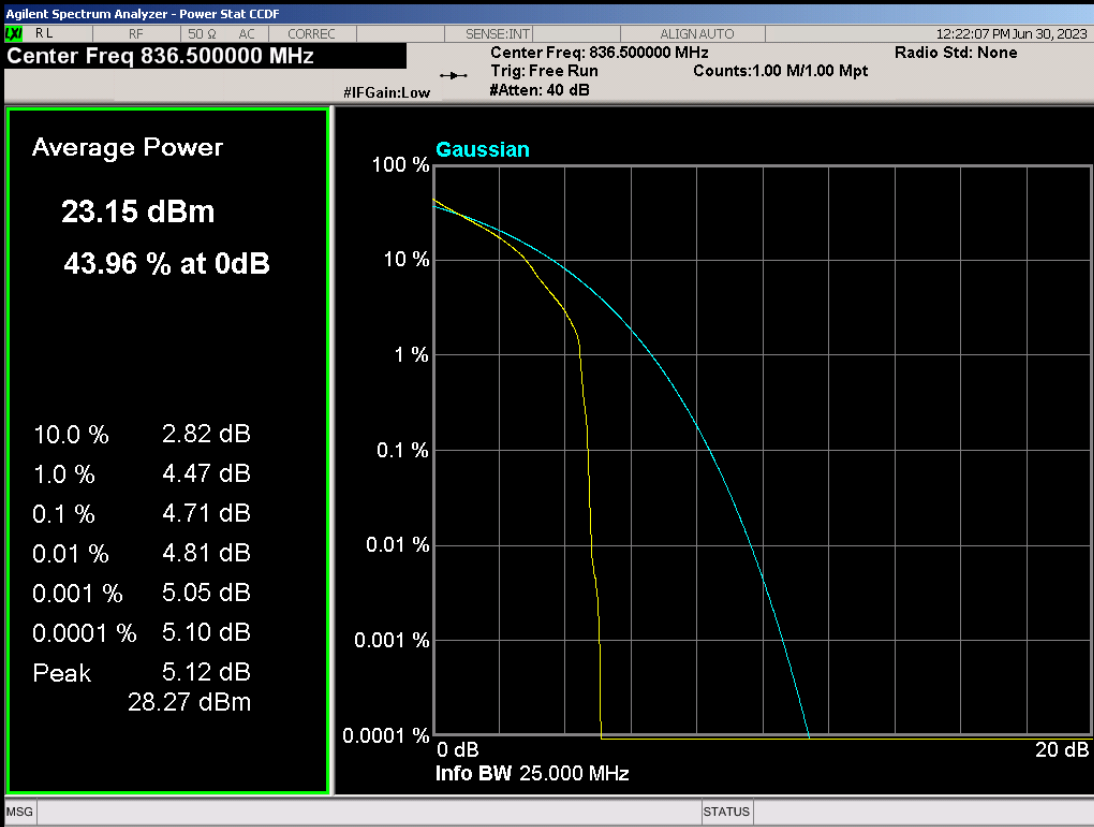
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



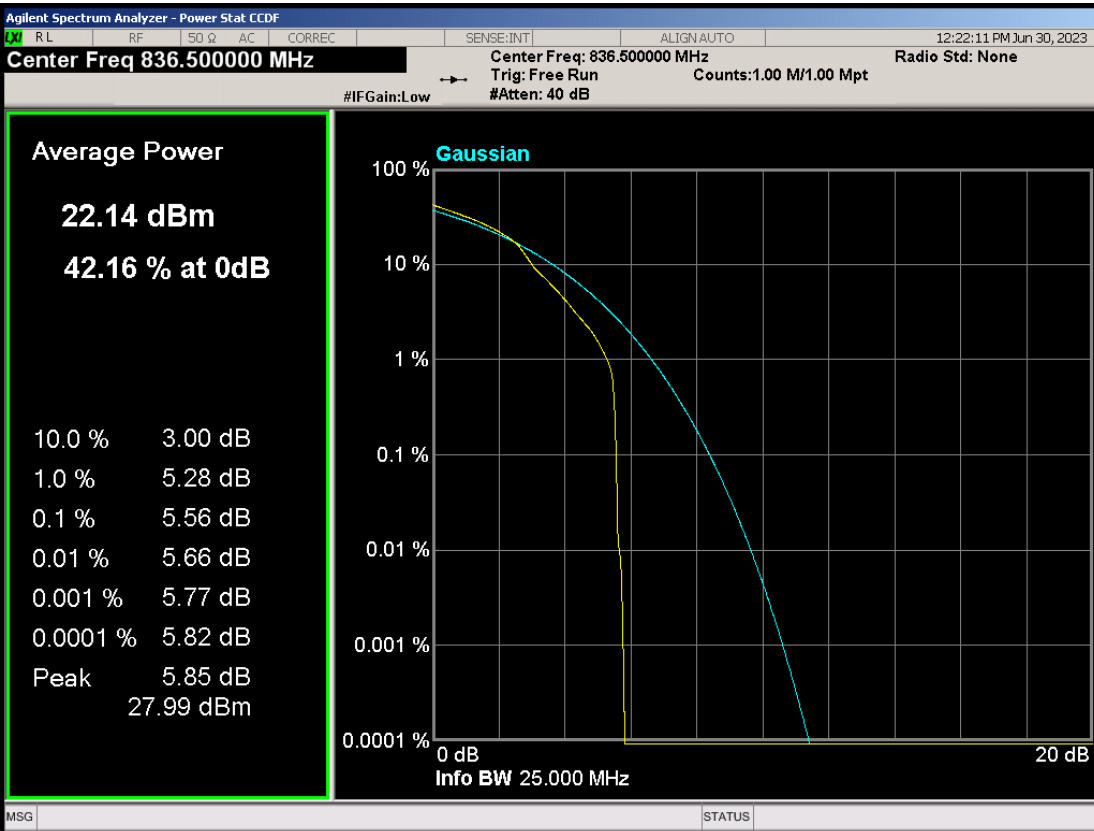
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



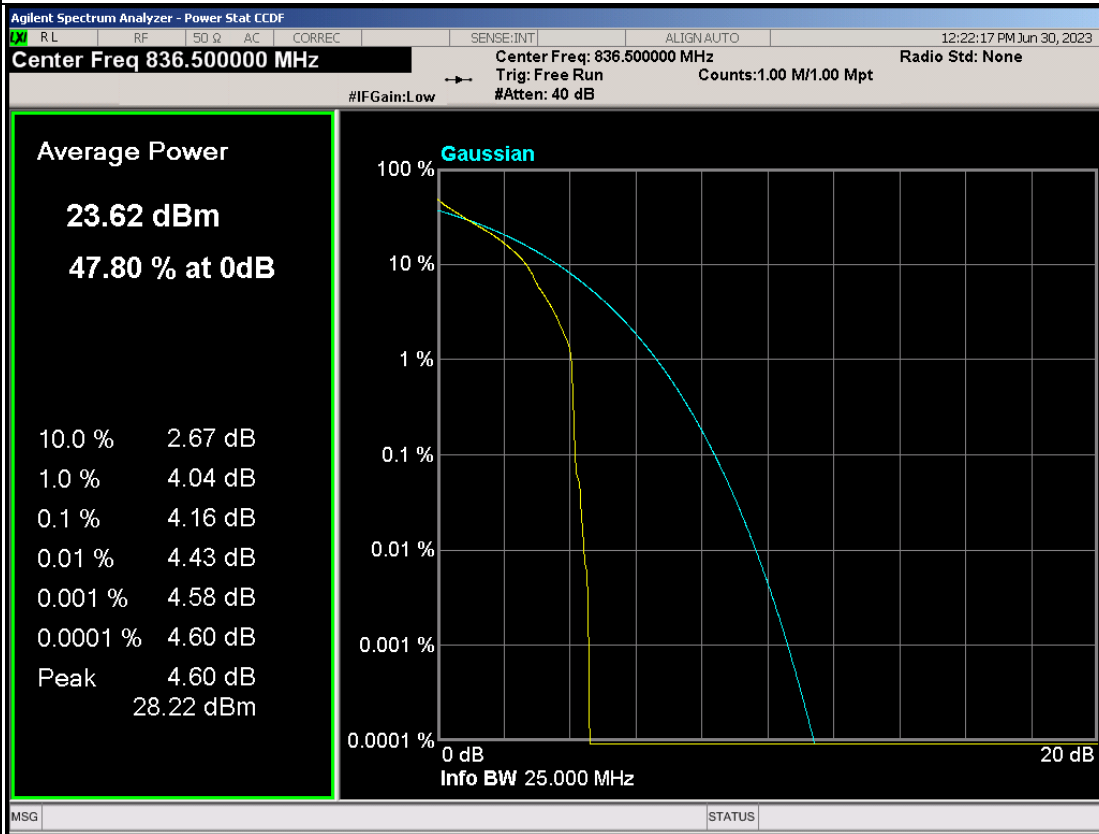
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



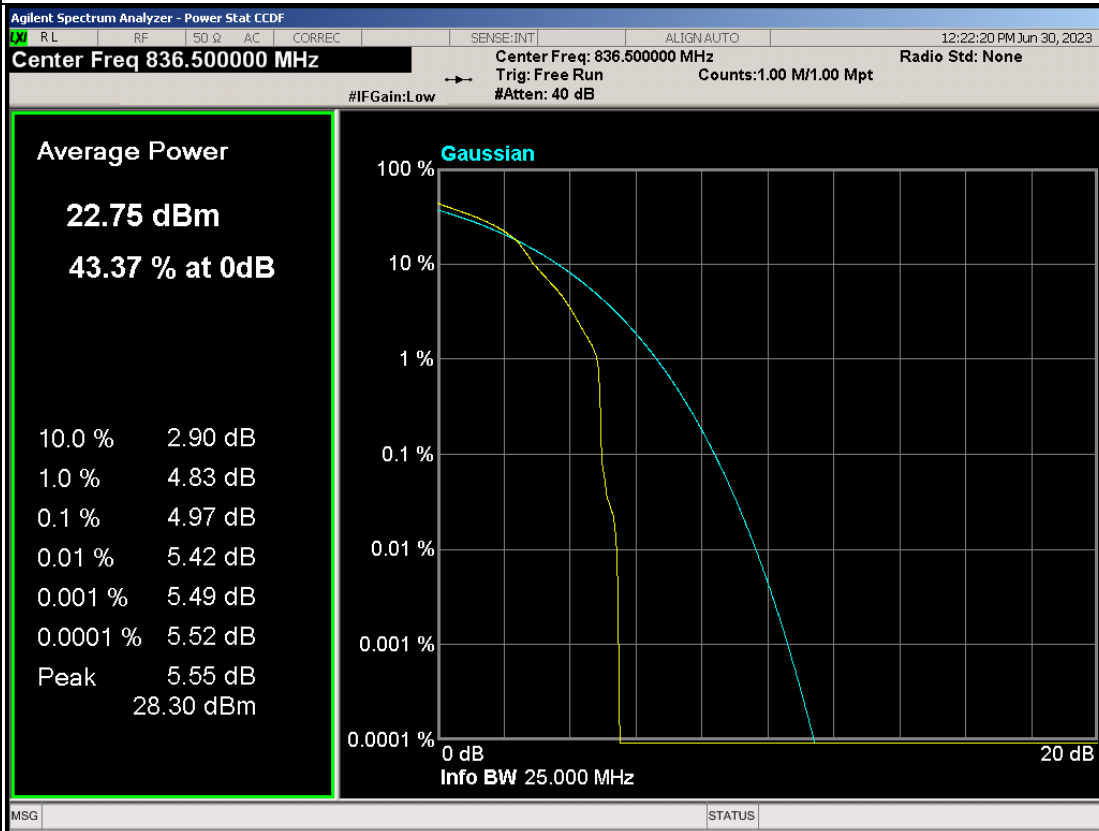
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



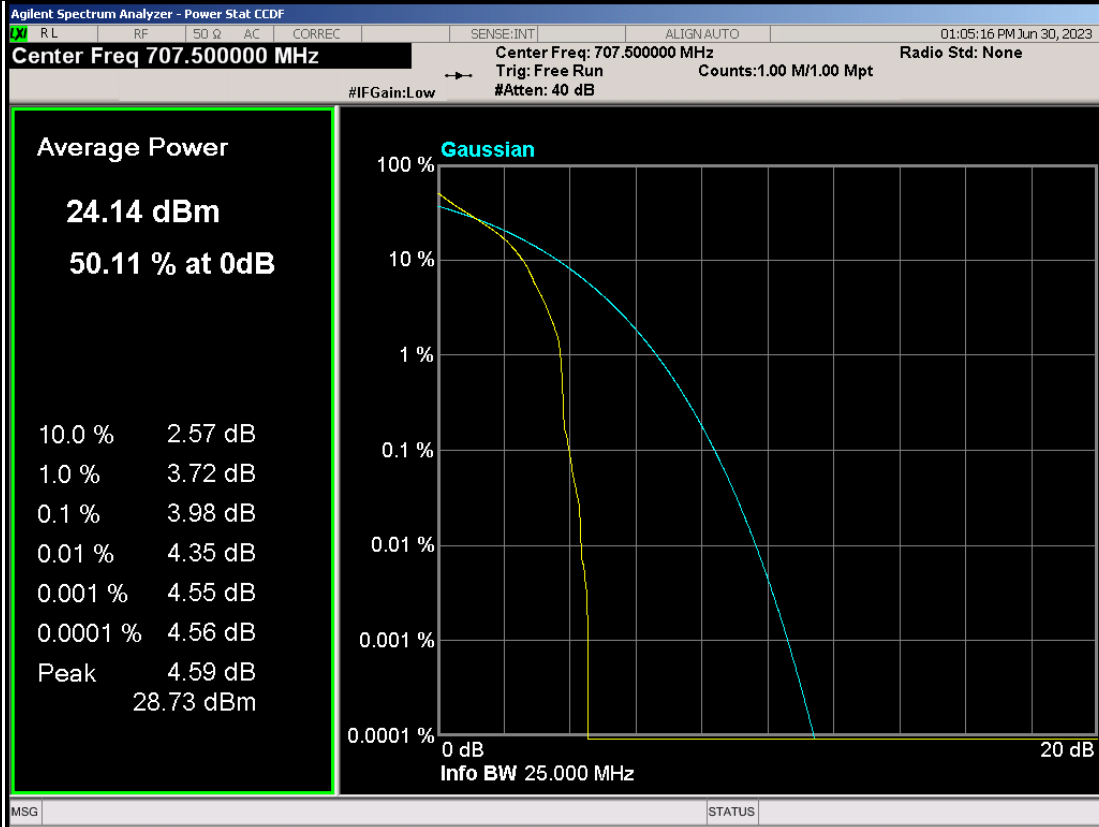
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



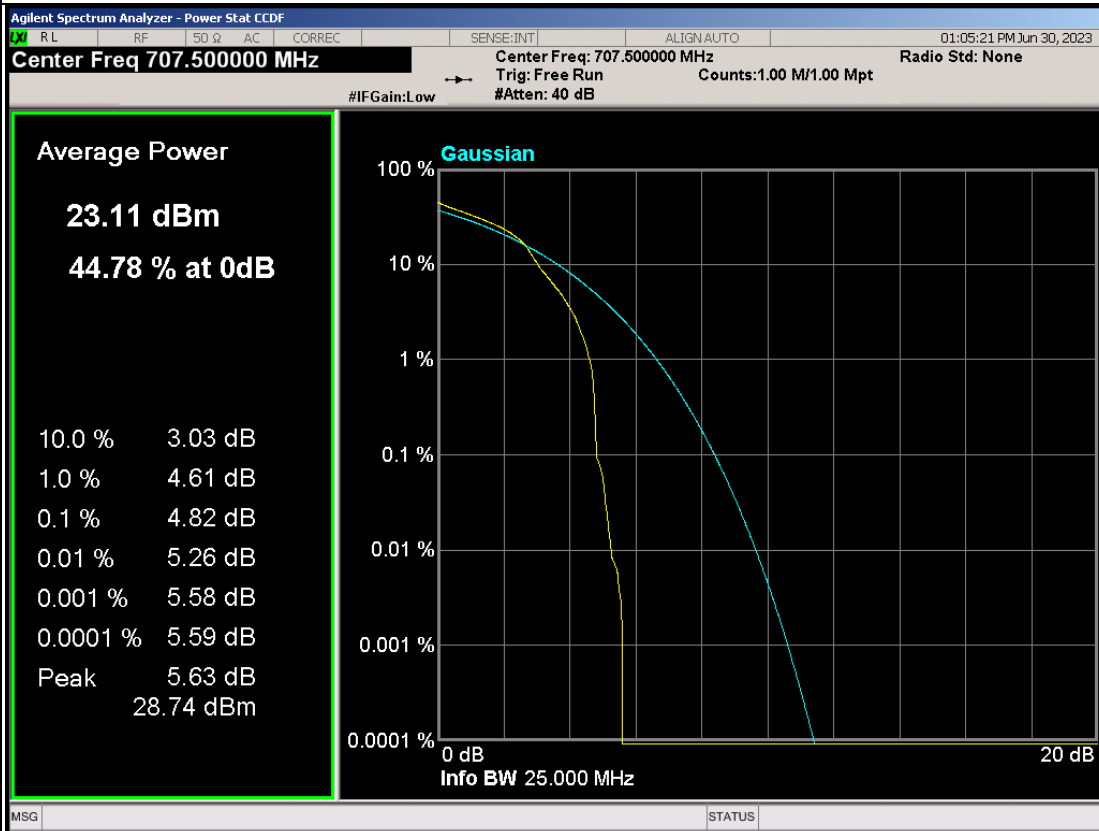
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



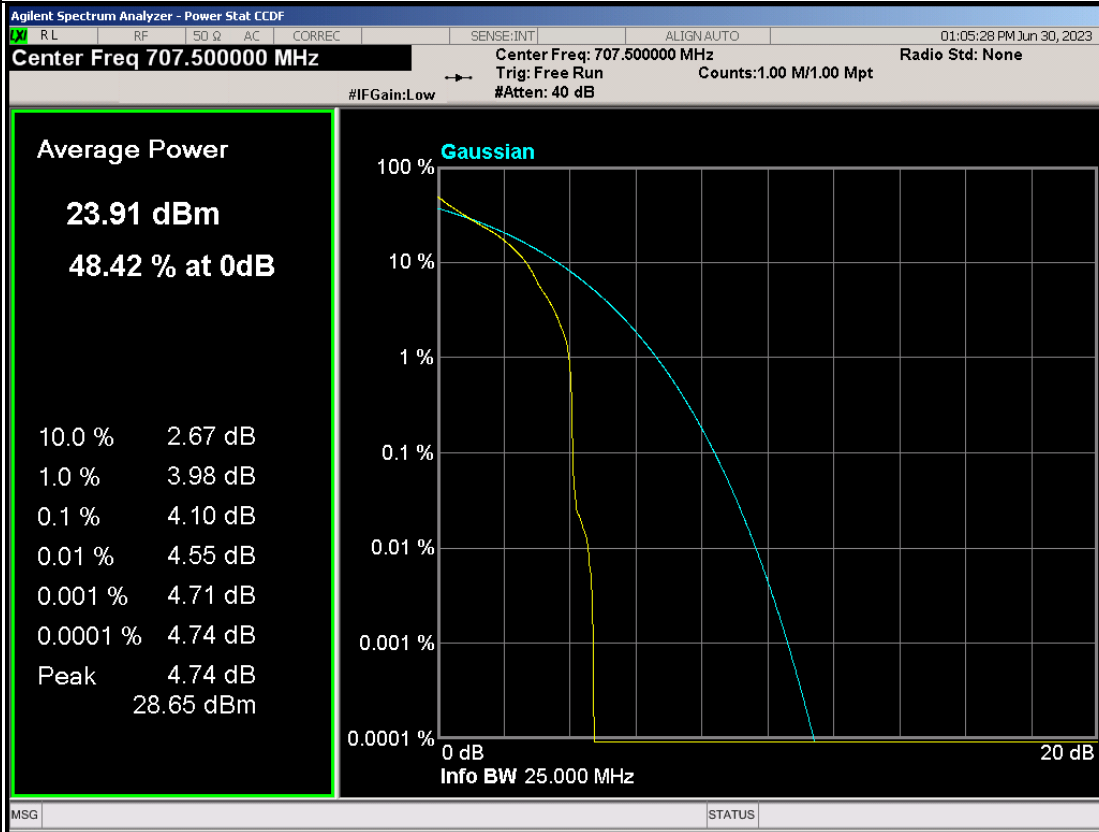
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



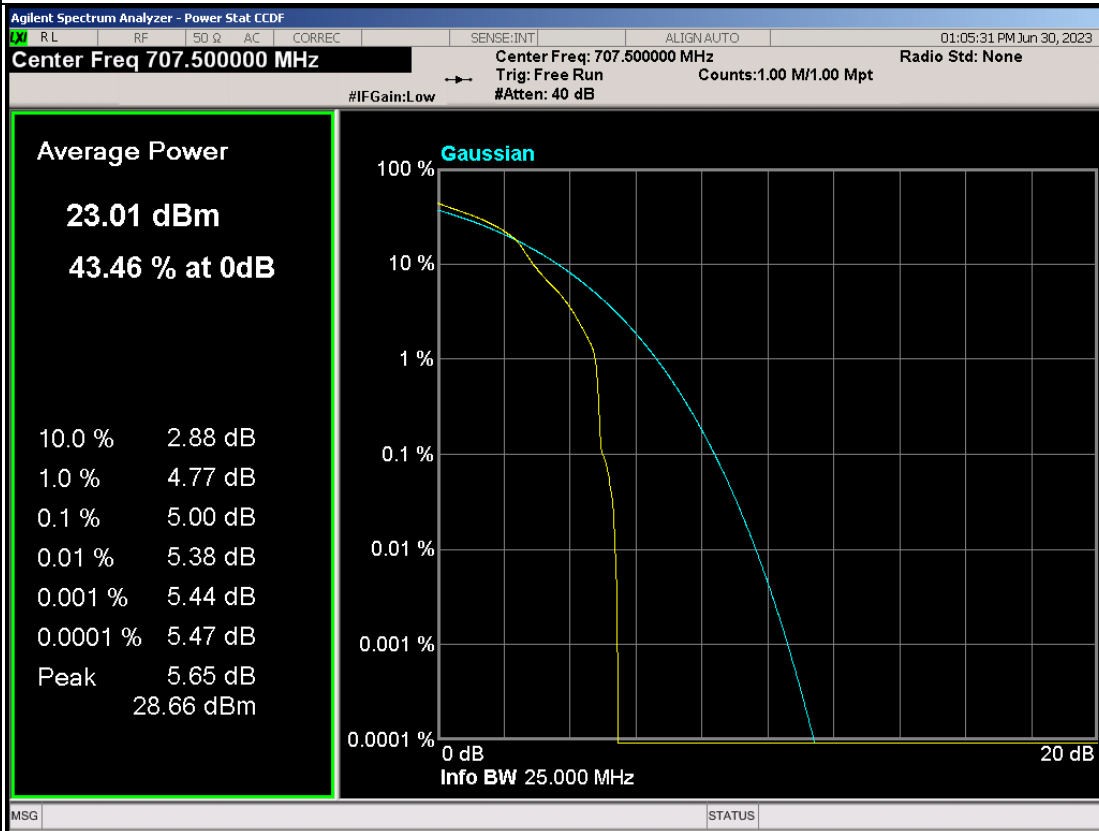
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



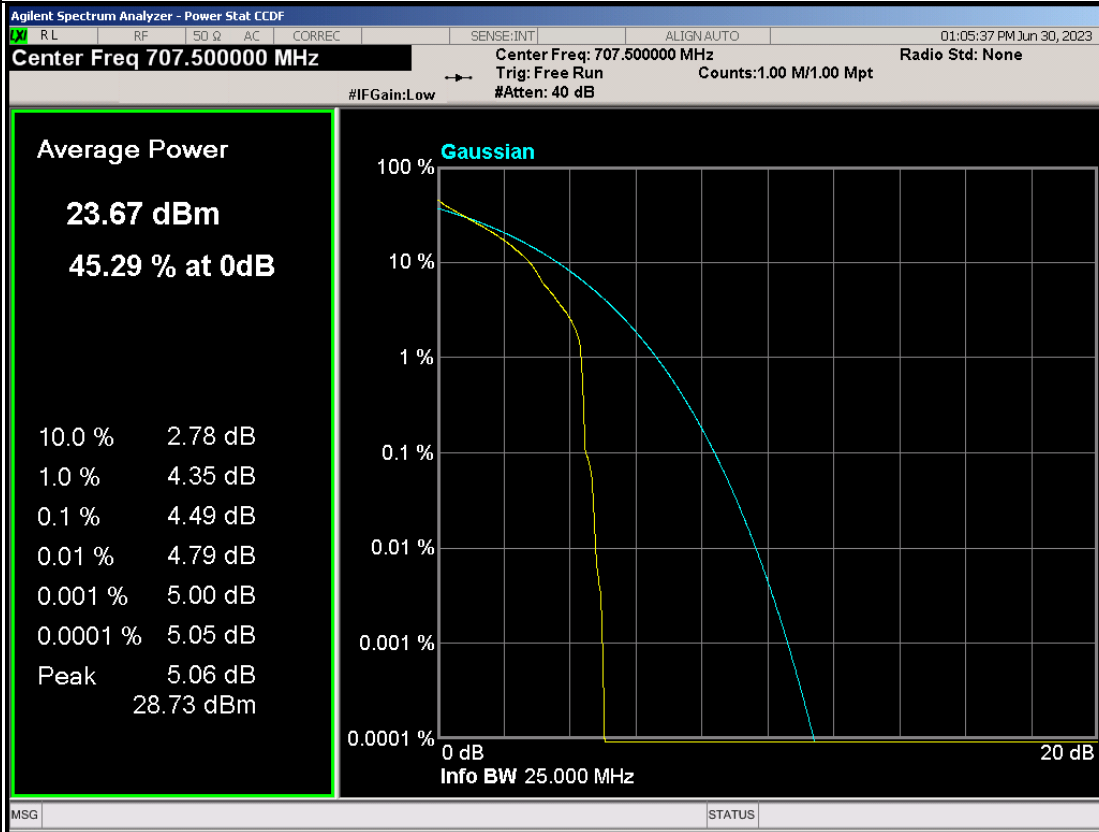
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



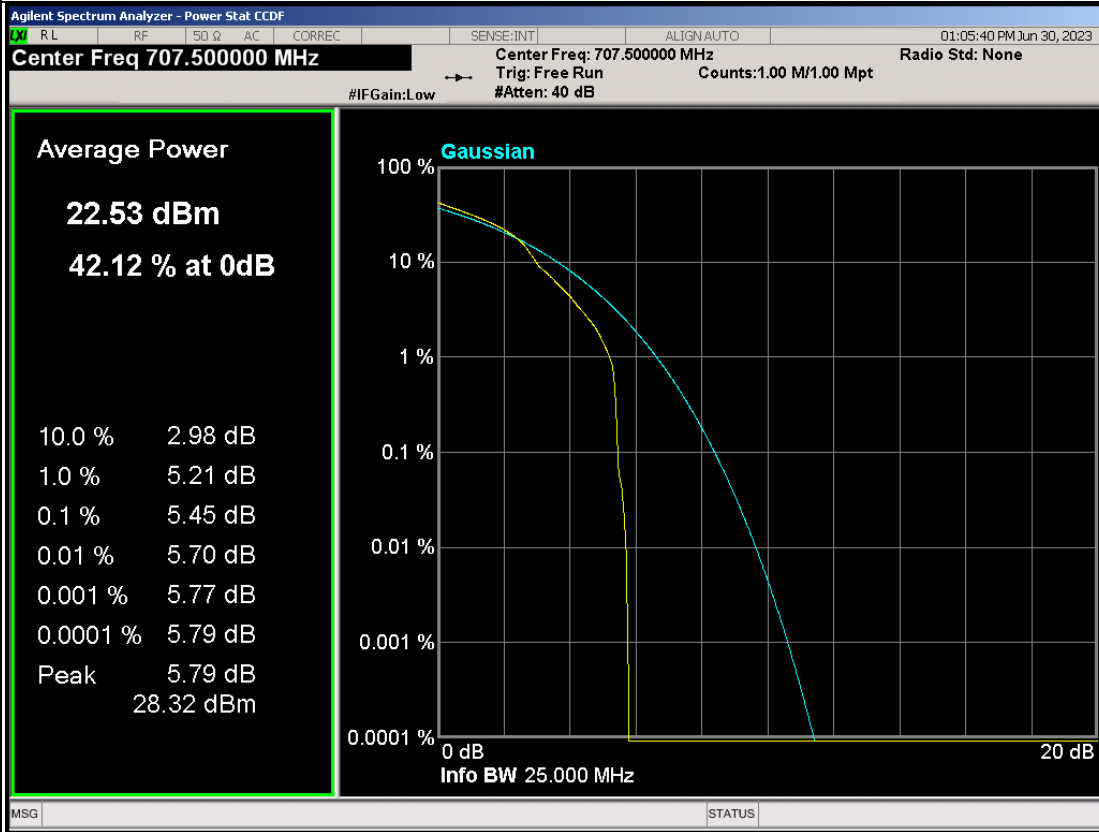
Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



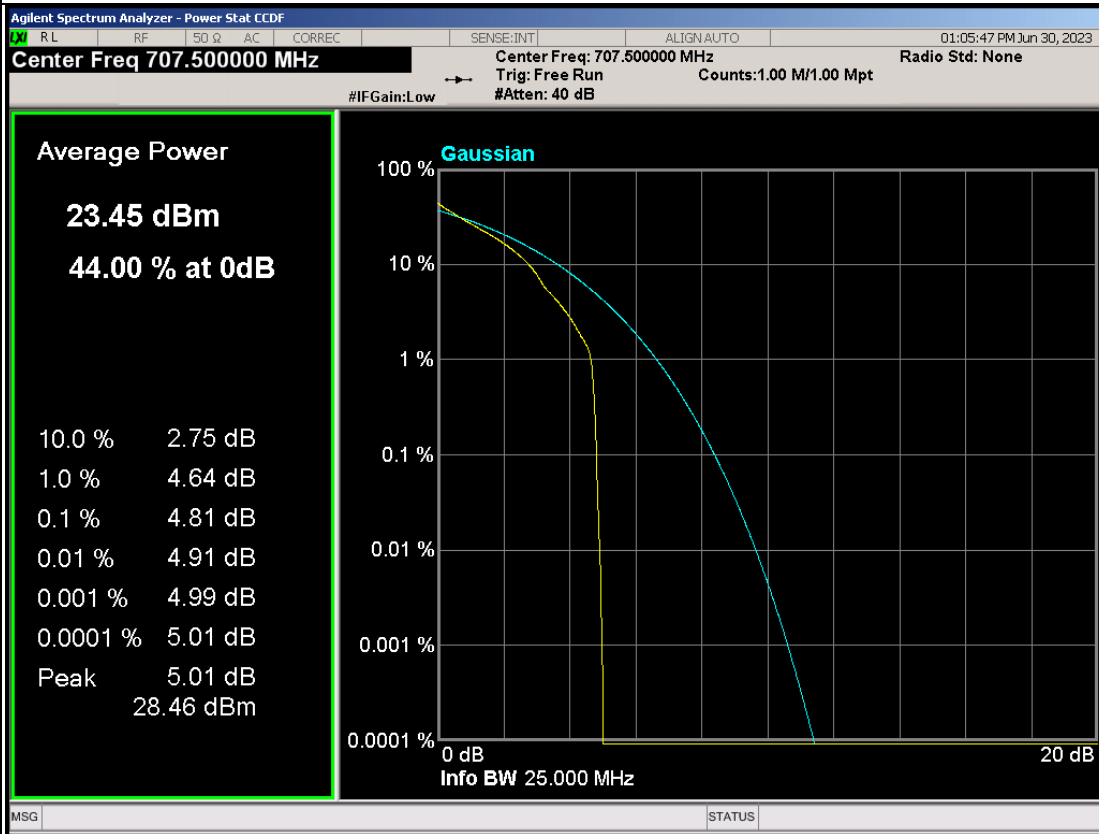
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



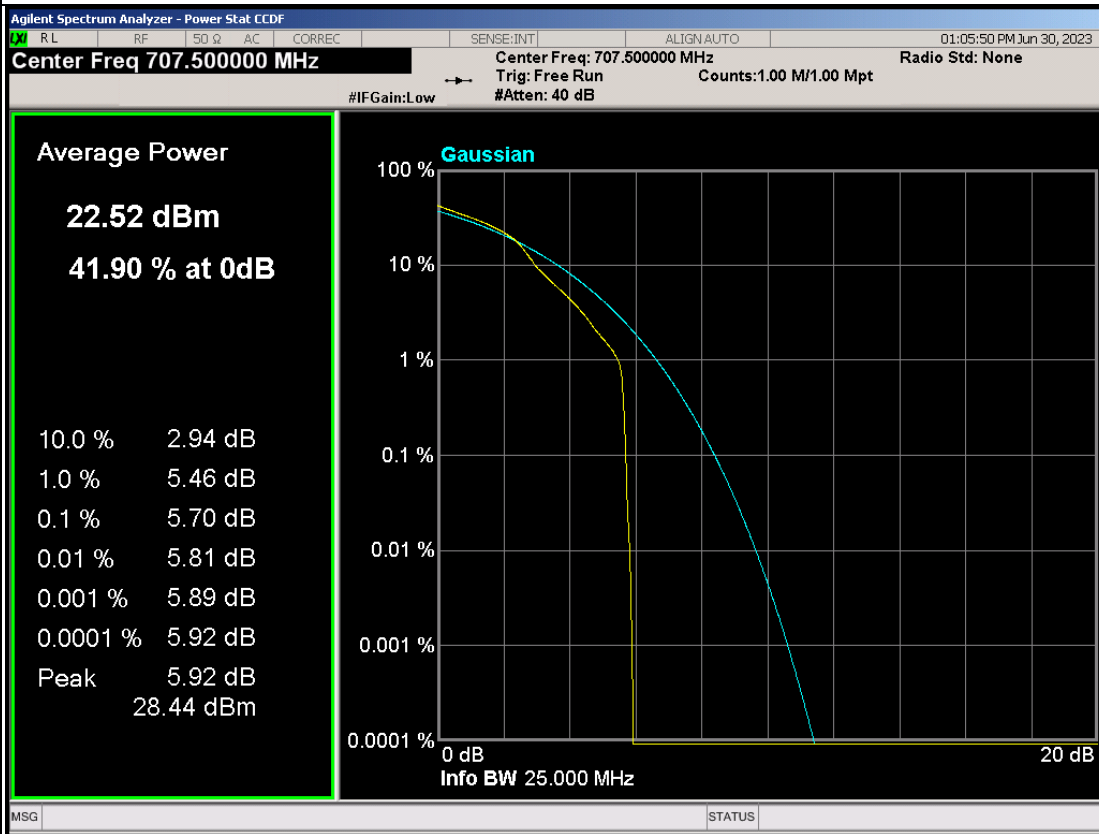
Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



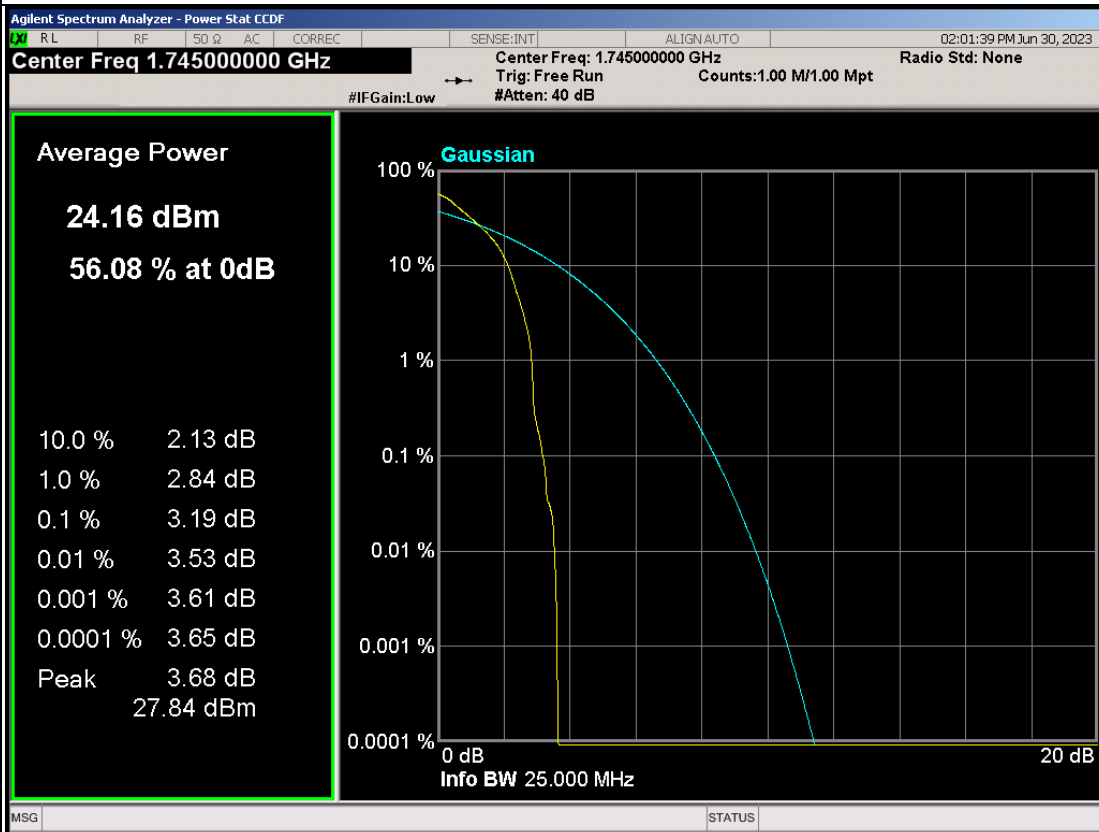
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



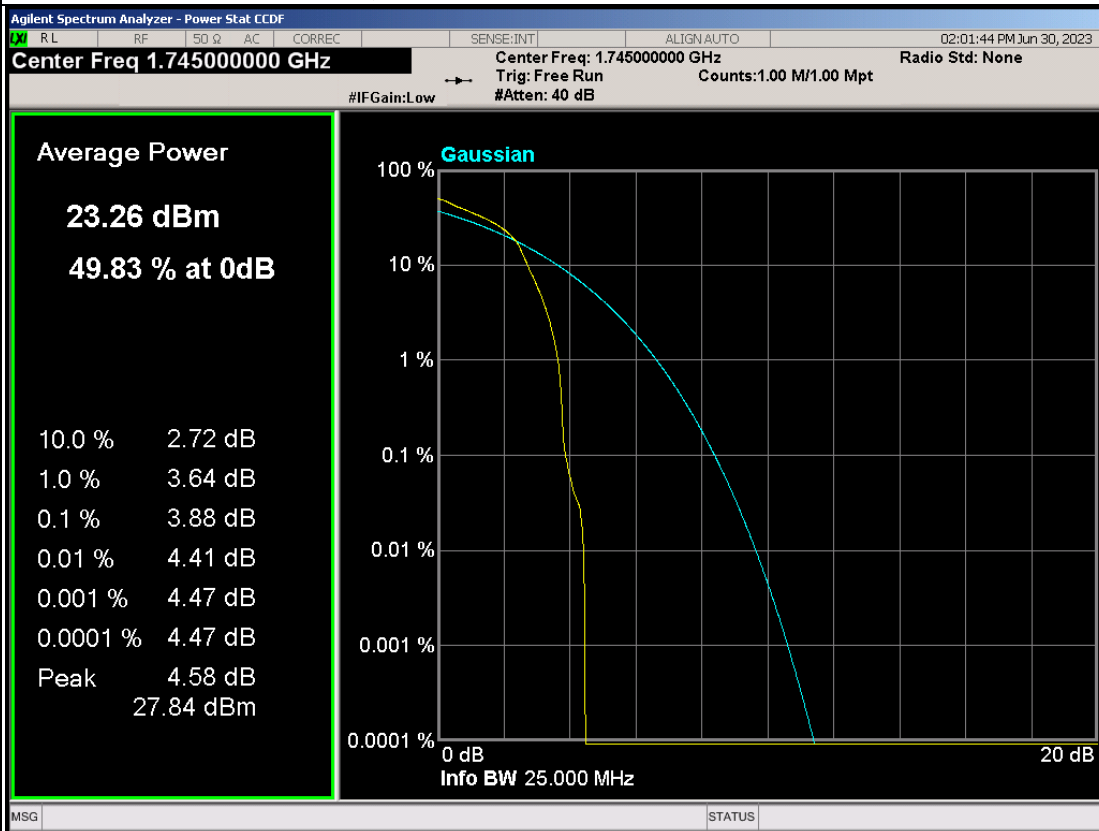
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



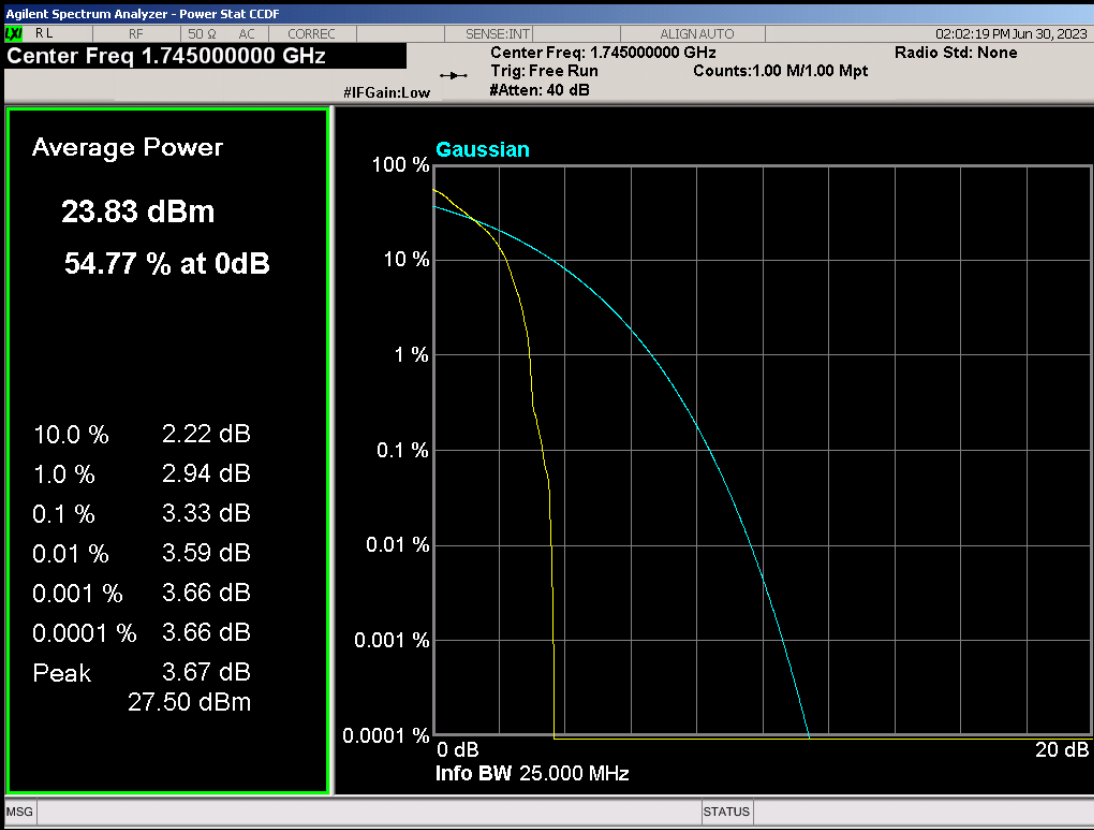
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0



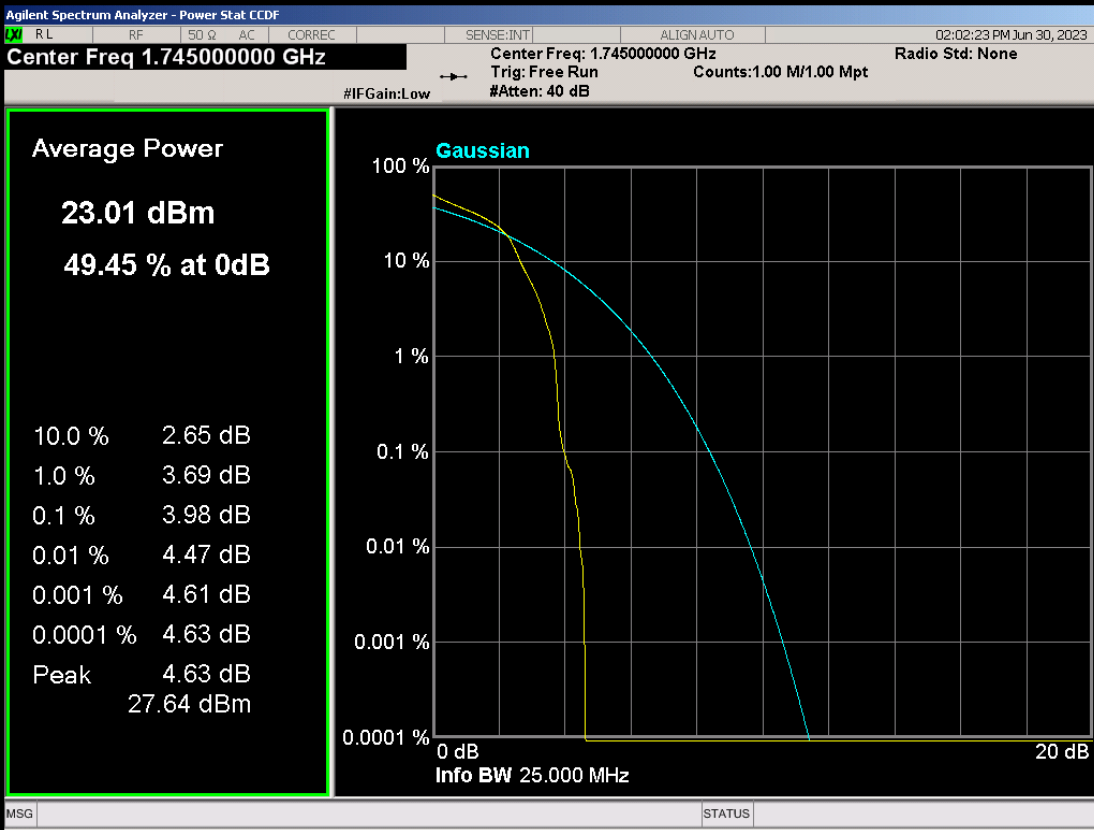
Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=1 Position=#0



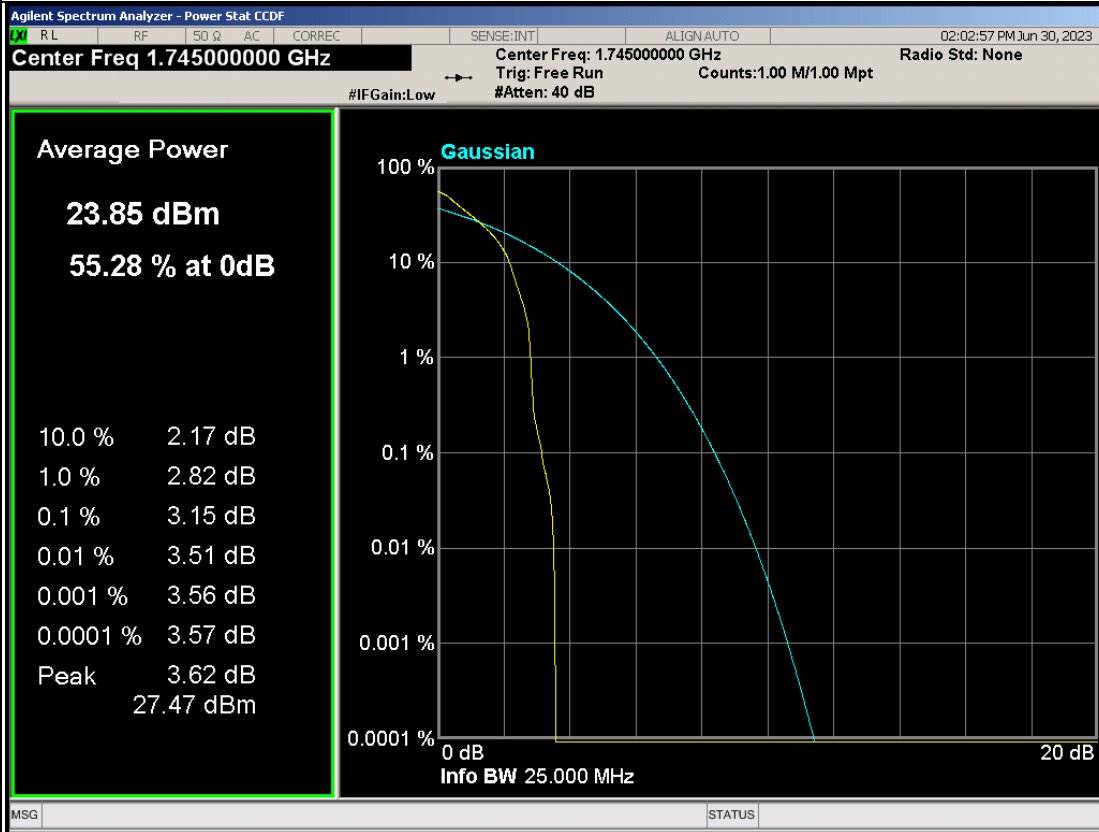
Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0



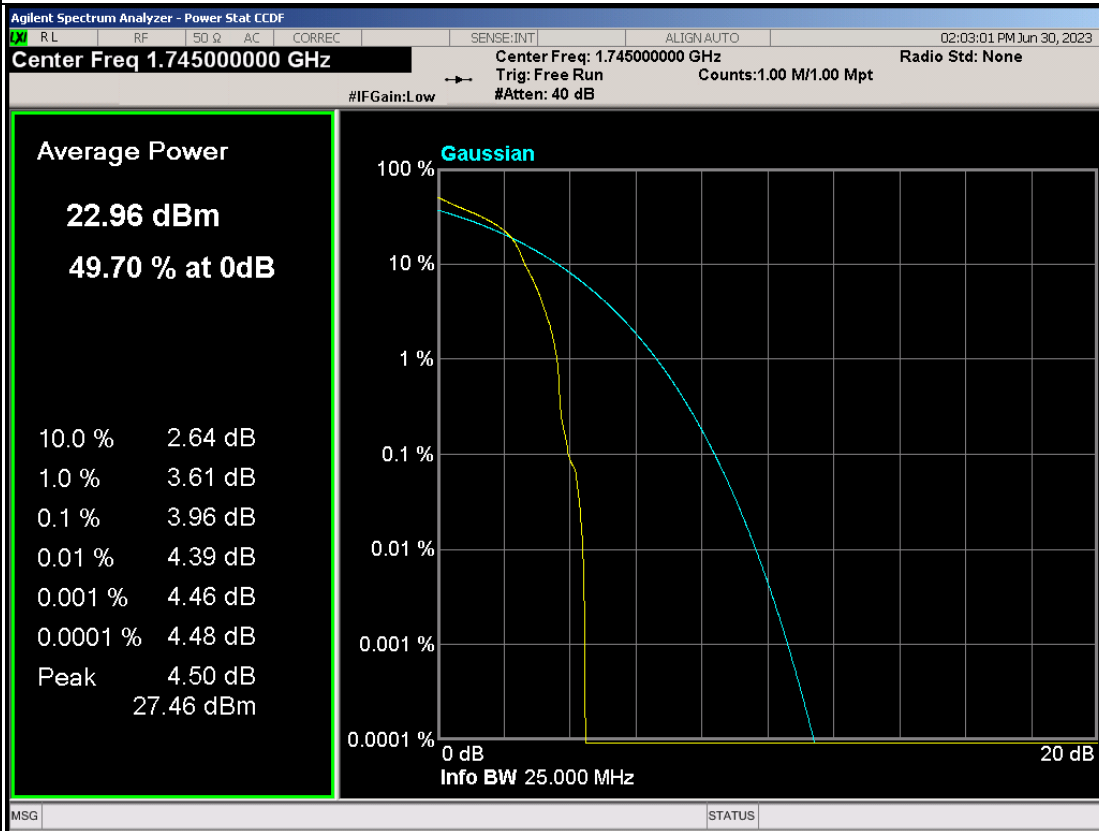
Band66 QAM16 BW=3MHz Channel=132322 RB Size=1 Position=#0



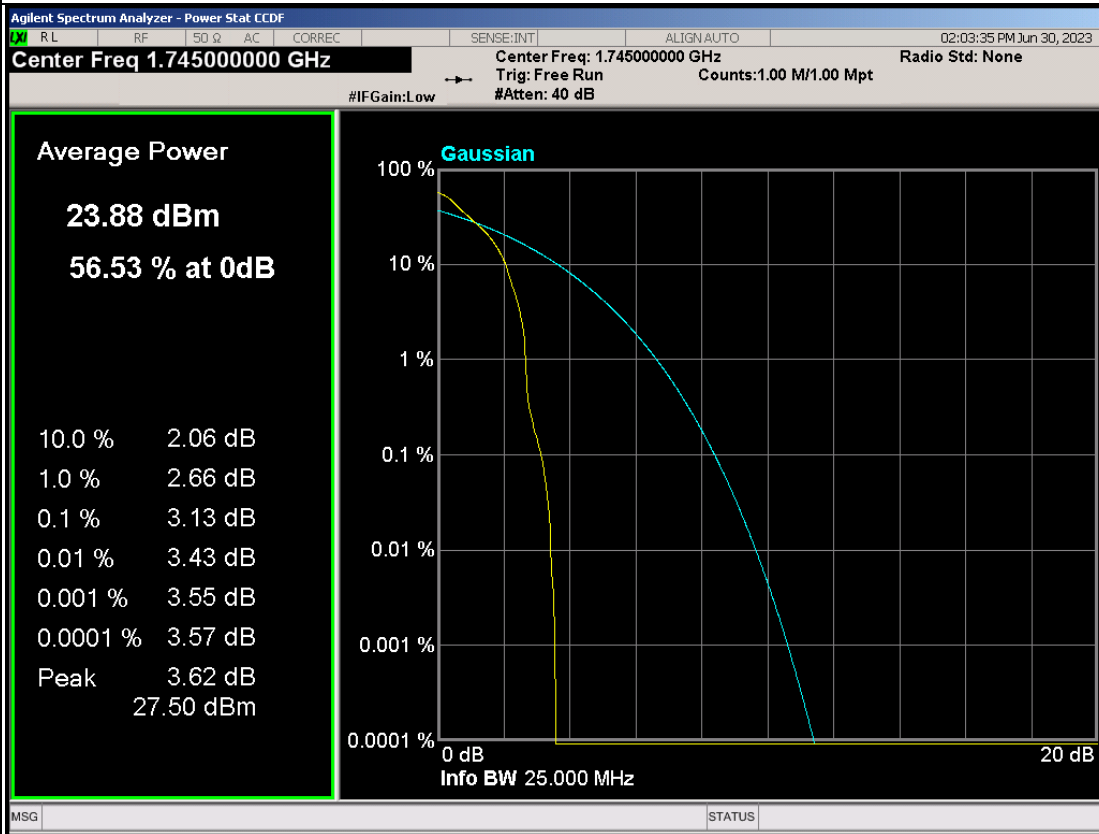
Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0



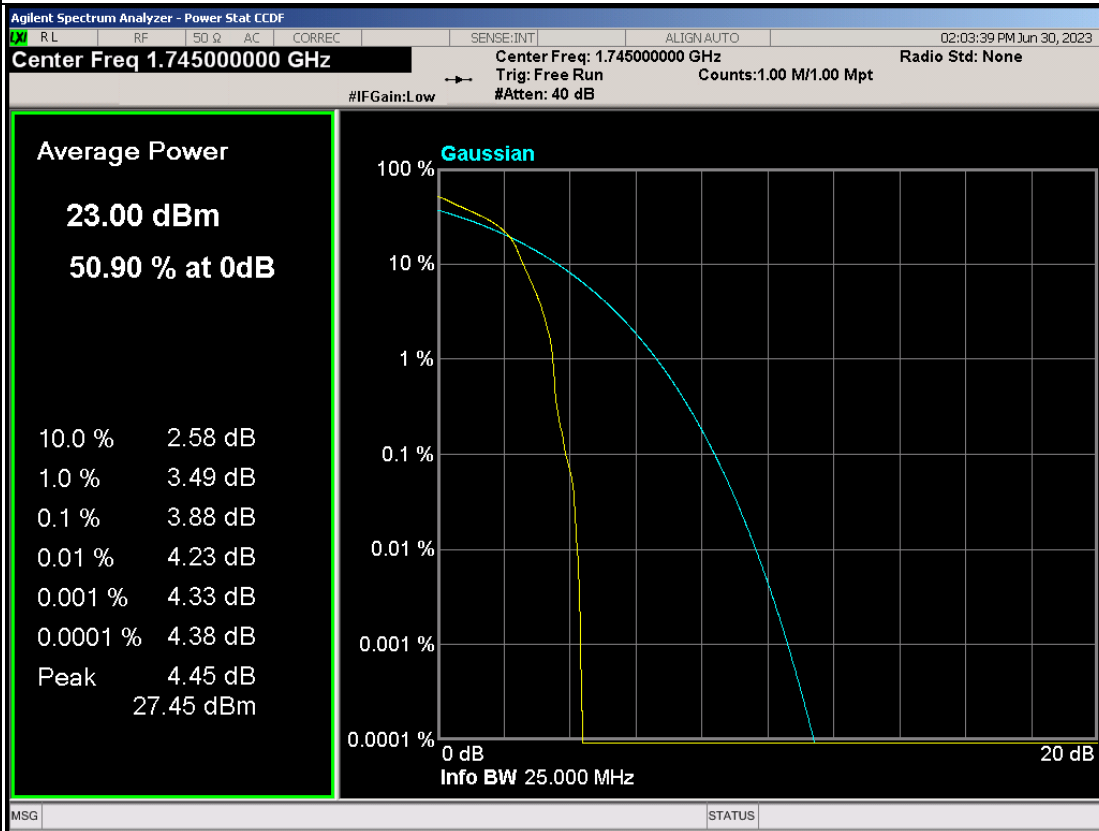
Band66 QAM16 BW=5MHz Channel=132322 RB Size=1 Position=#0



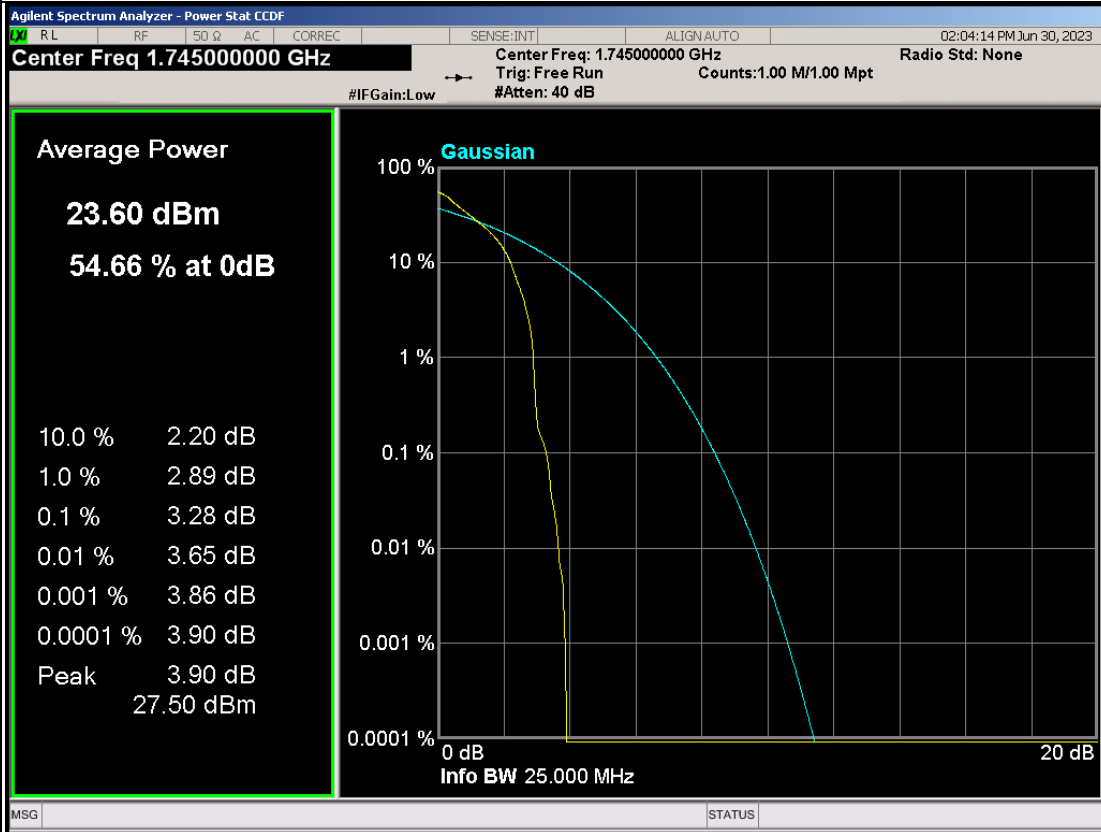
Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0



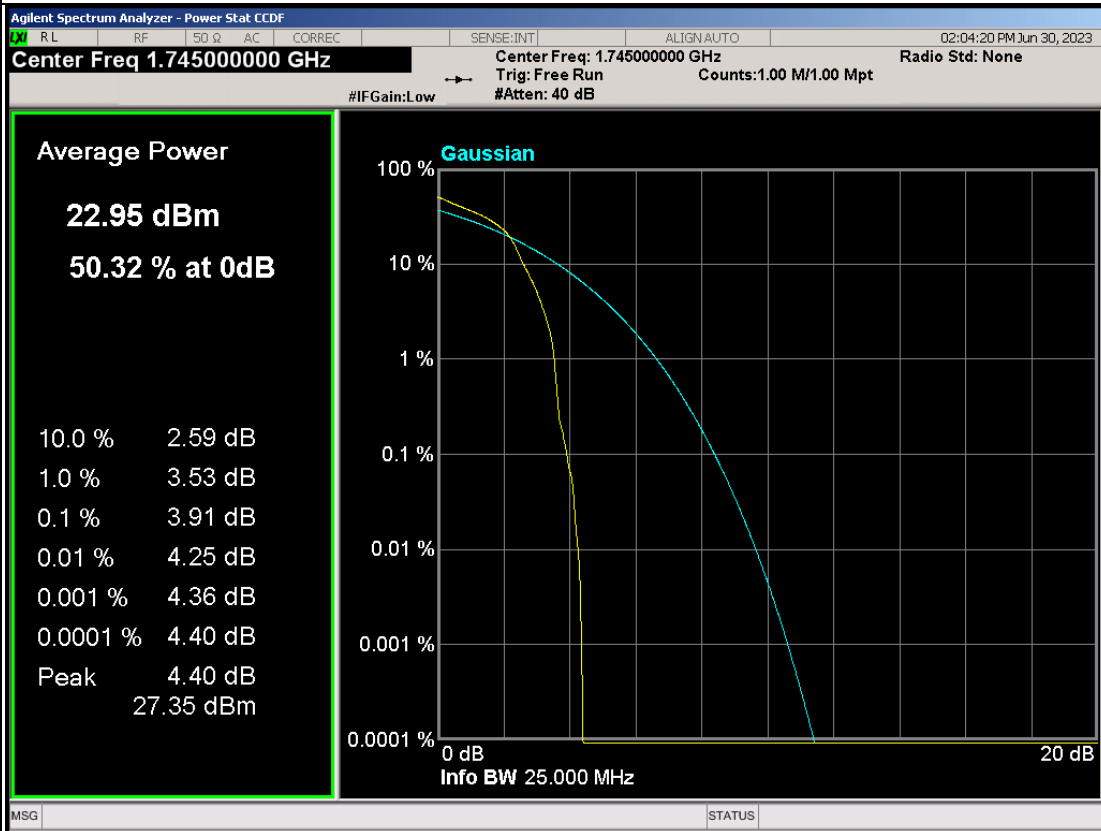
Band66 QAM16 BW=10MHz Channel=132322 RB Size=1 Position=#0



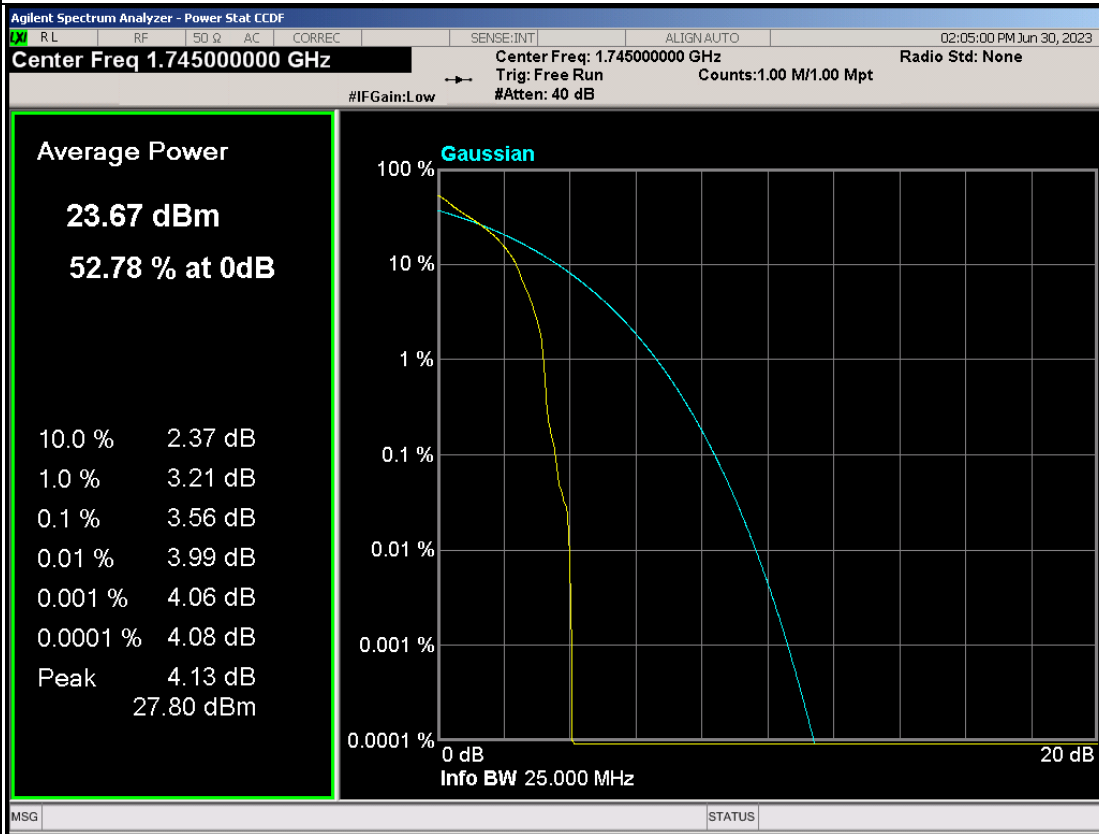
Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0



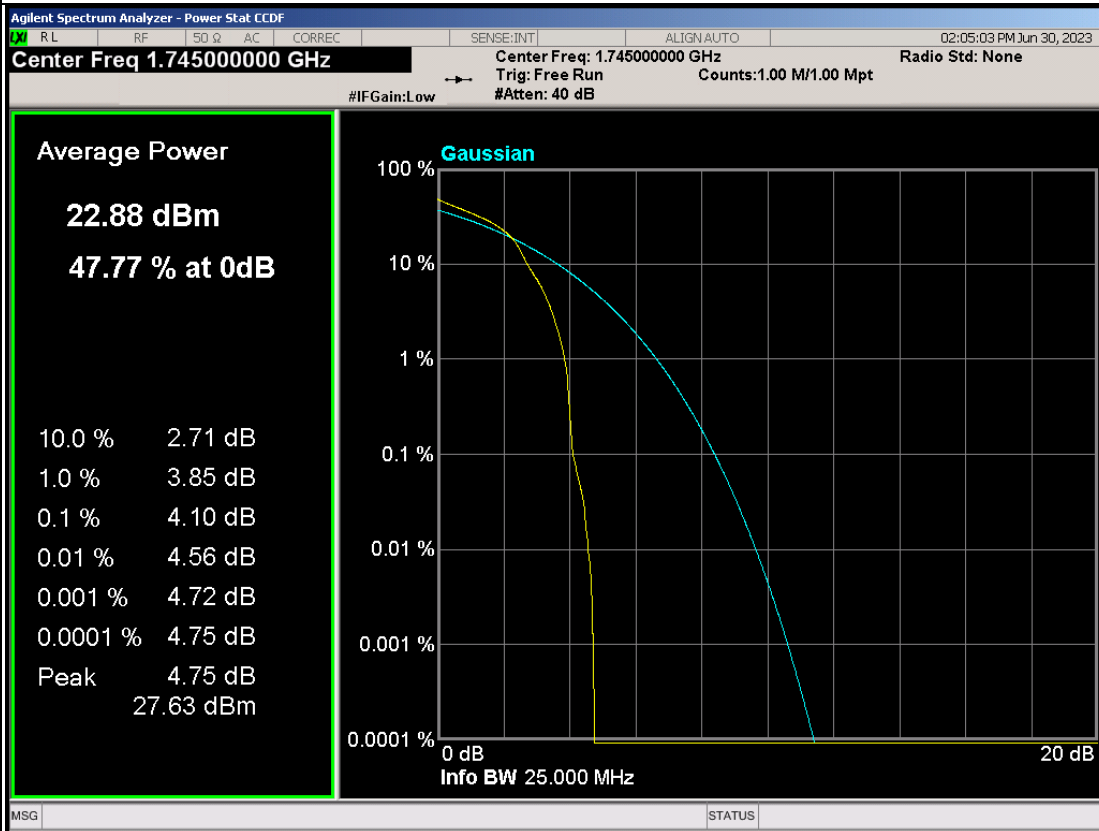
Band66 QAM16 BW=15MHz Channel=132322 RB Size=1 Position=#0



Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



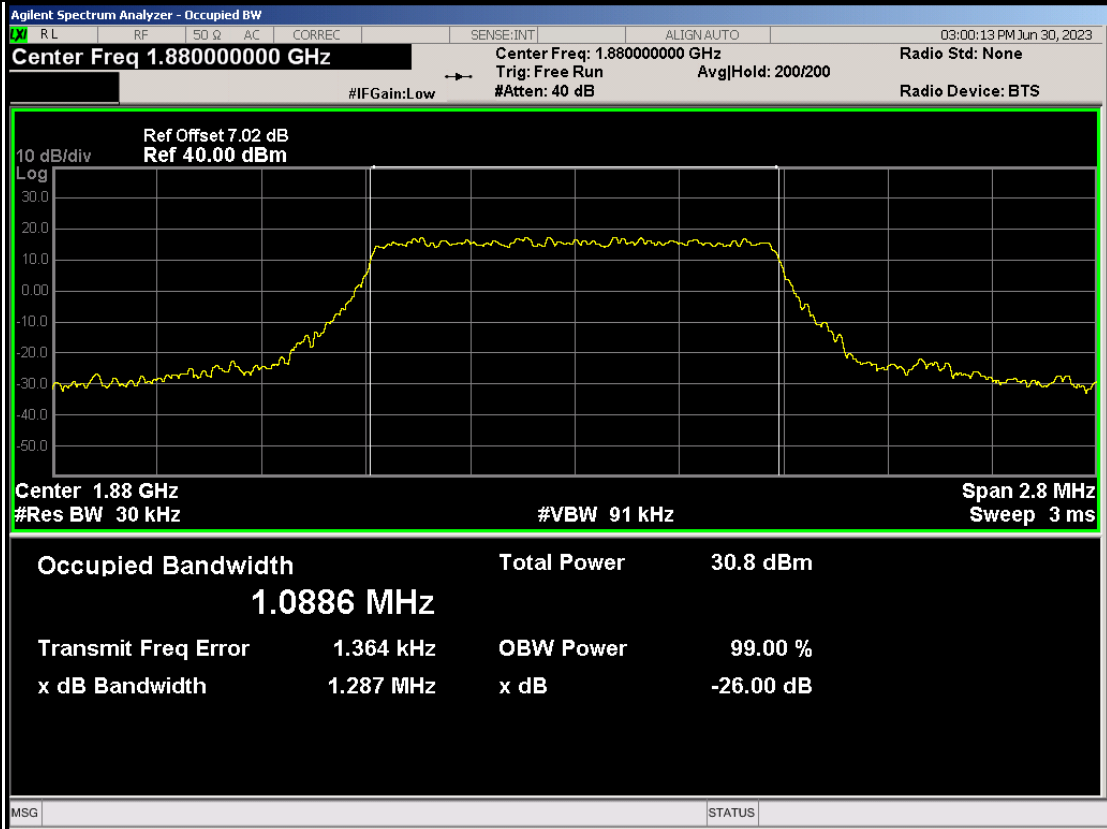
Band66 QAM16 BW=20MHz Channel=132322 RB Size=1 Position=#0



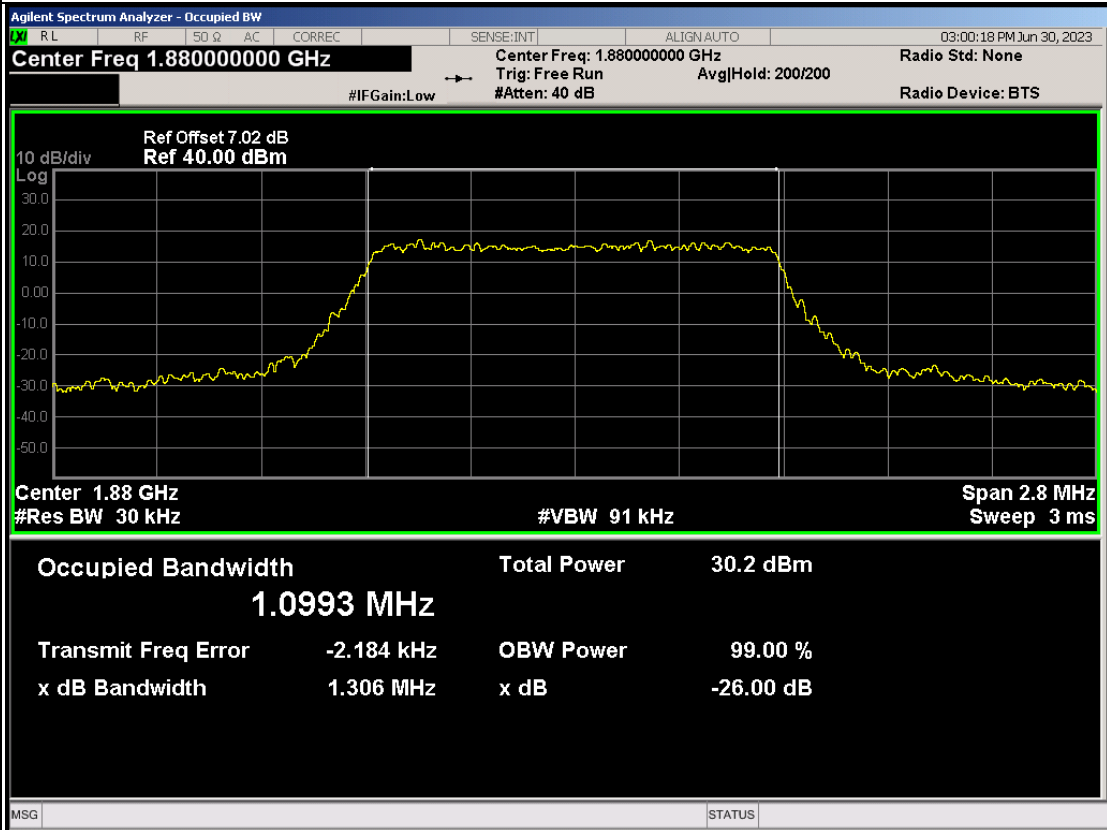
3 Occupied Bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)
Band2	1.4	18900	6	#0	QPSK	1.089	1.287
Band2	1.4	18900	6	#0	QAM16	1.099	1.306
Band2	3	18900	15	#0	QPSK	2.702	2.988
Band2	3	18900	15	#0	QAM16	2.692	2.962
Band2	5	18900	25	#0	QPSK	4.520	4.992
Band2	5	18900	25	#0	QAM16	4.512	4.968
Band2	10	18900	50	#0	QPSK	8.980	9.777
Band2	15	18900	75	#0	QPSK	13.442	14.683
Band2	20	18900	100	#0	QPSK	17.959	19.358
Band4	1.4	20175	6	#0	QPSK	1.092	1.284
Band4	1.4	20175	6	#0	QAM16	1.093	1.306
Band4	3	20175	15	#0	QPSK	2.698	2.958
Band4	3	20175	15	#0	QAM16	2.690	2.957
Band4	5	20175	25	#0	QPSK	4.533	4.985
Band4	5	20175	25	#0	QAM16	4.528	4.949
Band4	10	20175	50	#0	QPSK	8.954	9.796
Band4	15	20175	75	#0	QPSK	13.465	14.463
Band4	20	20175	100	#0	QPSK	17.935	19.406
Band5	1.4	20525	6	#0	QPSK	1.090	1.291
Band5	1.4	20525	6	#0	QAM16	1.095	1.279
Band5	3	20525	15	#0	QPSK	2.707	3.013
Band5	3	20525	15	#0	QAM16	2.696	2.960
Band5	5	20525	25	#0	QPSK	4.533	4.987
Band5	5	20525	25	#0	QAM16	4.514	4.977
Band5	10	20525	50	#0	QPSK	9.016	9.881
Band12	1.4	23095	6	#0	QPSK	1.096	1.308
Band12	1.4	23095	6	#0	QAM16	1.103	1.280
Band12	3	23095	15	#0	QPSK	2.694	2.990
Band12	3	23095	15	#0	QAM16	2.698	2.968
Band12	5	23095	25	#0	QPSK	4.504	4.918
Band12	5	23095	25	#0	QAM16	4.485	4.922
Band12	10	23095	50	#0	QPSK	8.956	9.731
Band66	1.4	132322	6	#0	QPSK	1.098	1.322
Band66	1.4	132322	6	#0	QAM16	1.096	1.307
Band66	3	132322	15	#0	QPSK	2.700	2.979
Band66	3	132322	15	#0	QAM16	2.699	2.977
Band66	5	132322	25	#0	QPSK	4.524	5.018
Band66	5	132322	25	#0	QAM16	4.508	4.965
Band66	10	132322	50	#0	QPSK	8.964	9.879
Band66	15	132322	75	#0	QPSK	13.468	14.591
Band66	20	132322	100	#0	QPSK	17.965	19.285

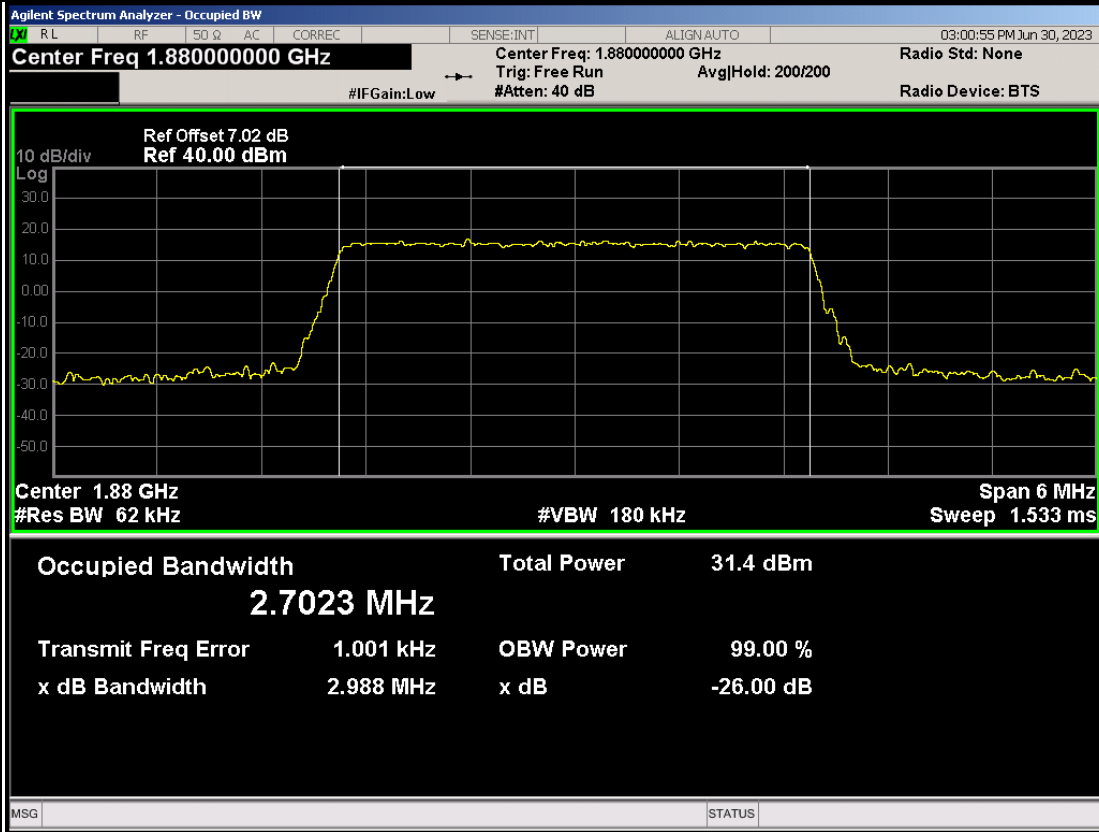
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



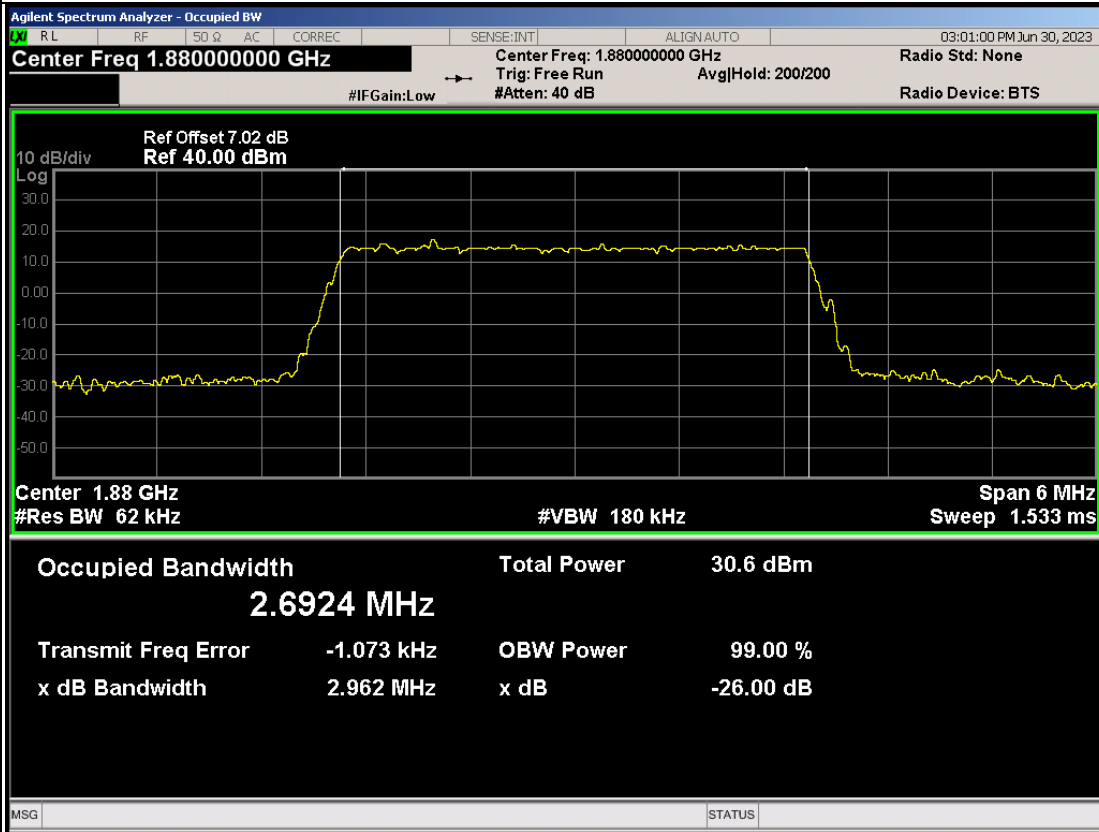
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



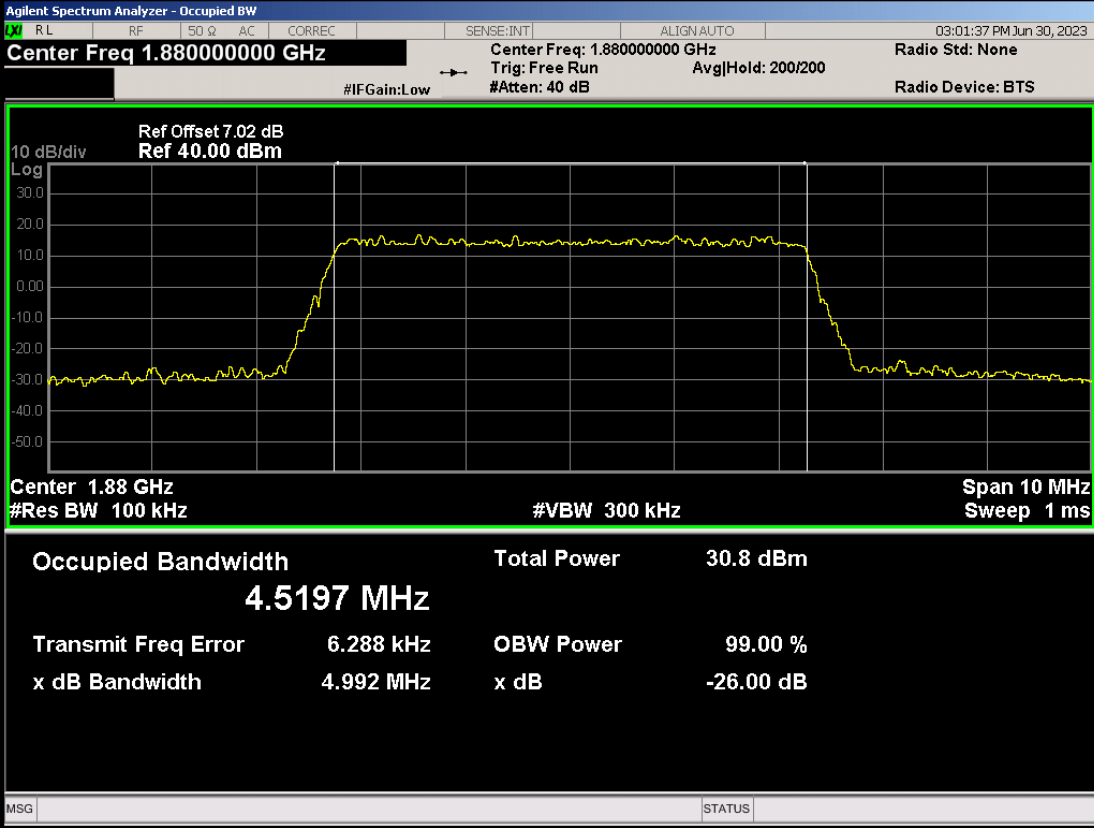
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



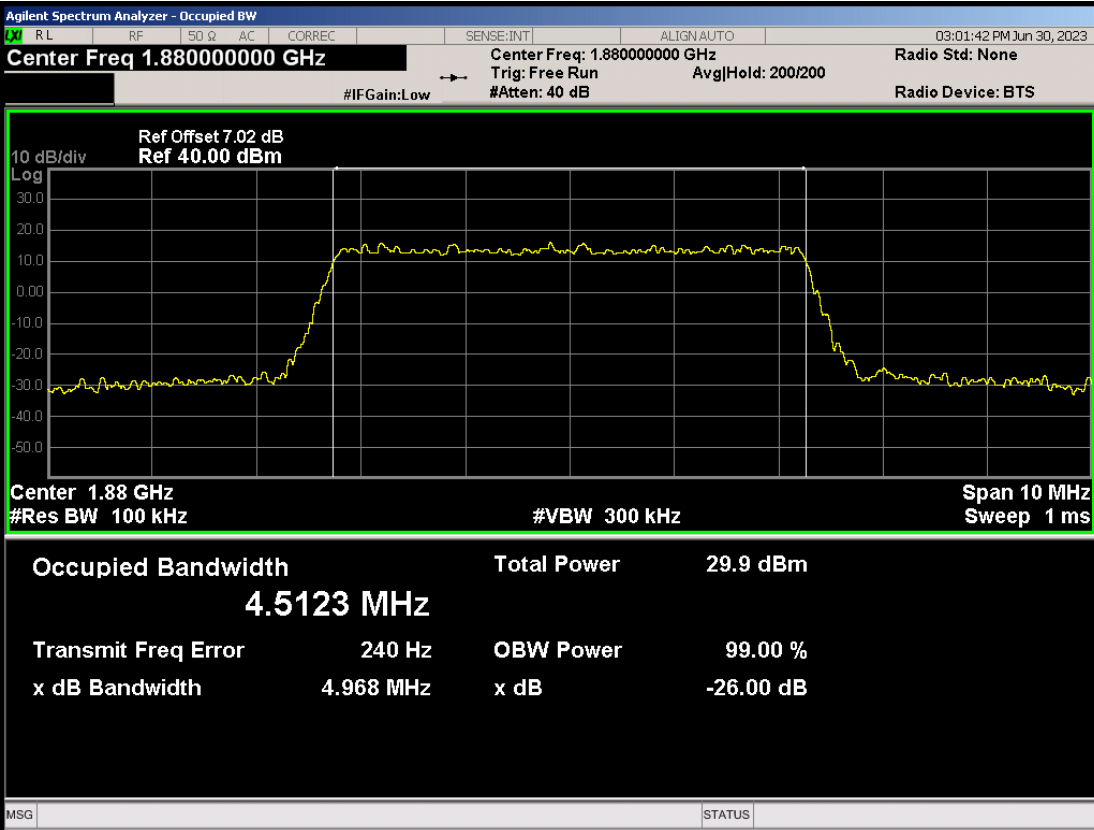
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



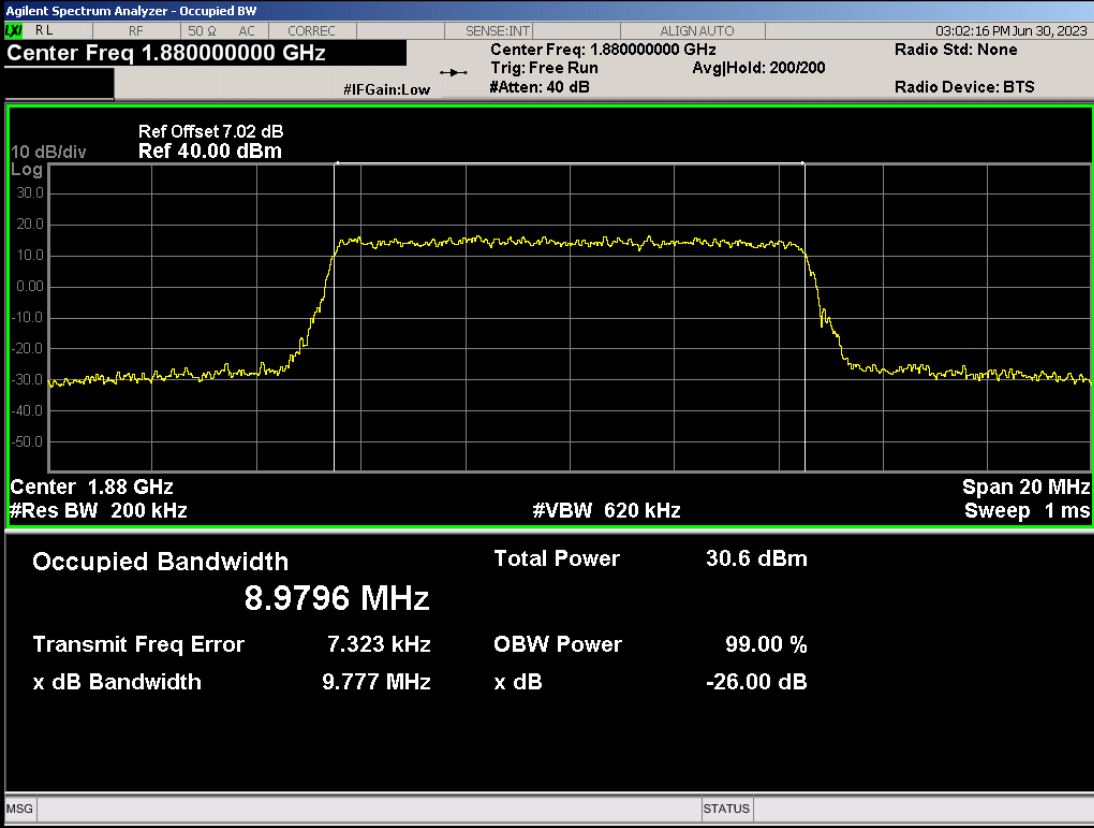
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



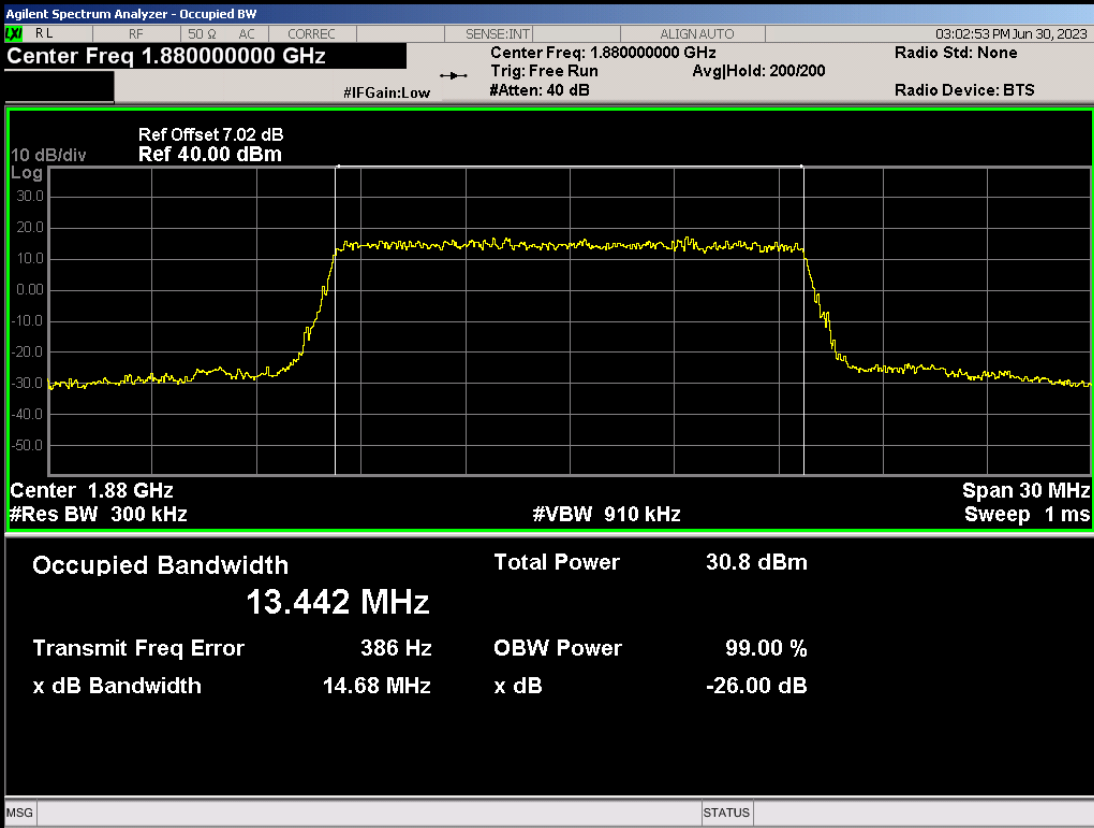
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



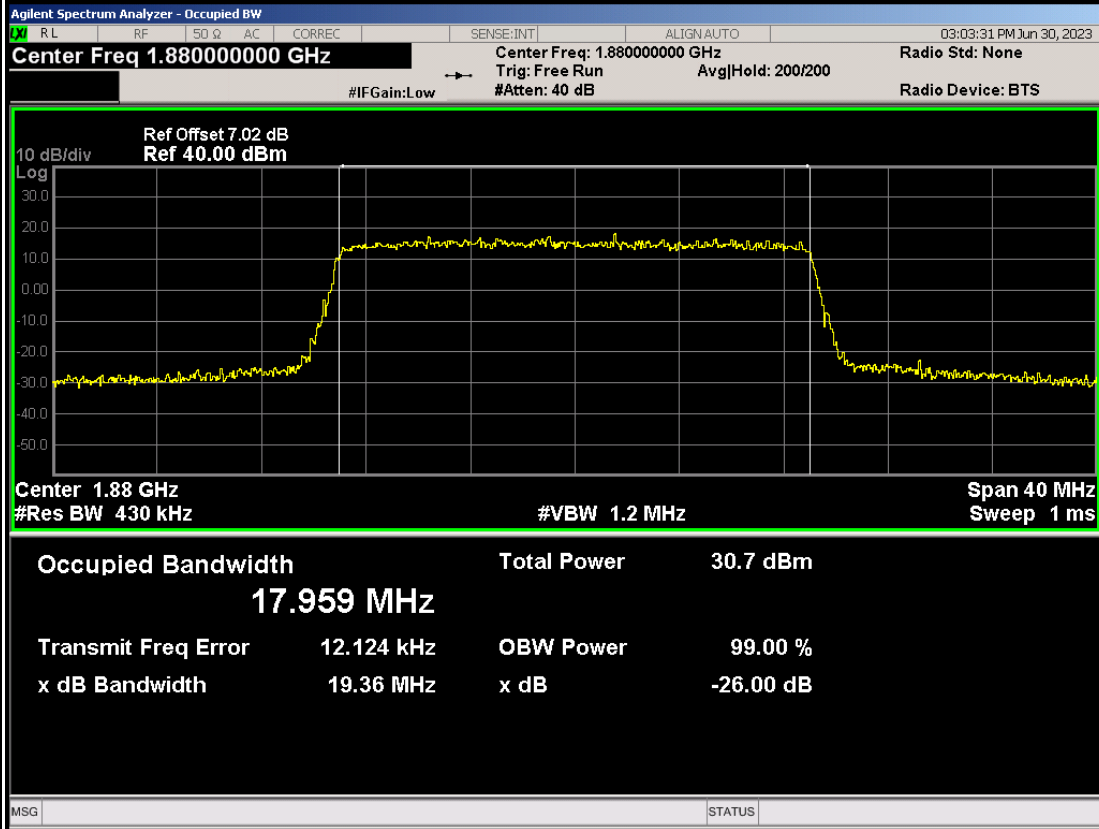
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



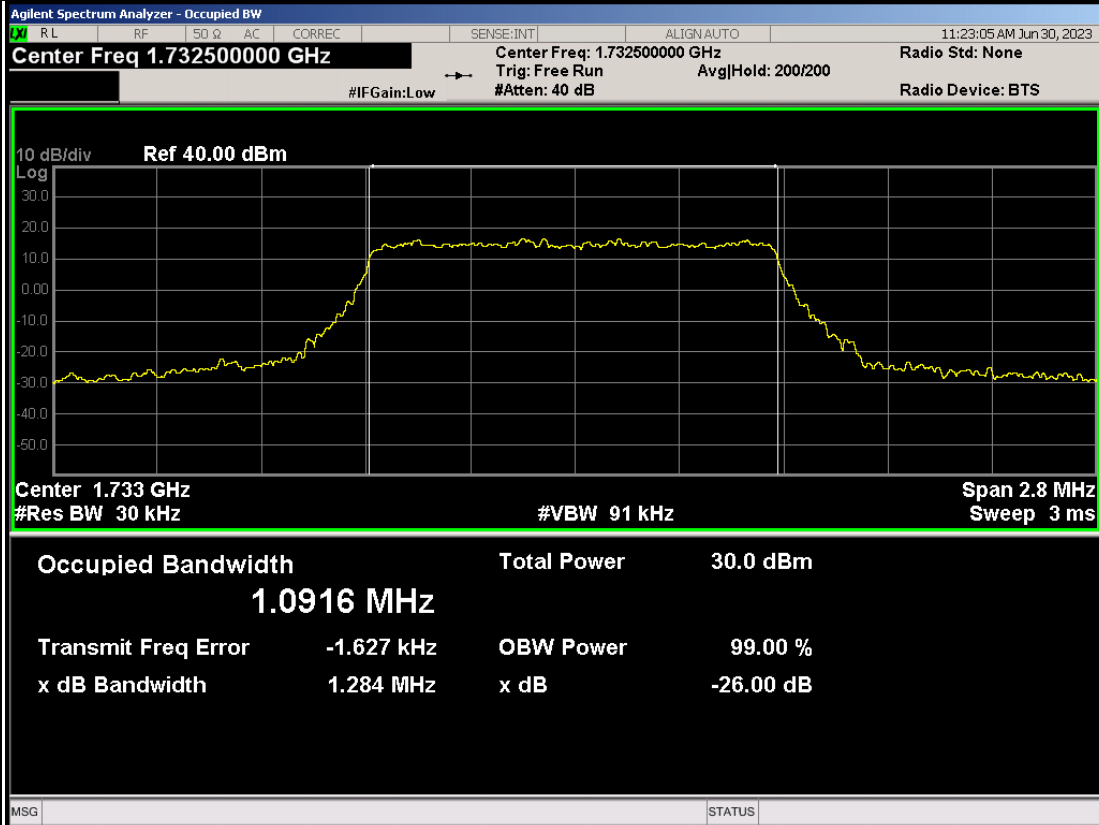
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



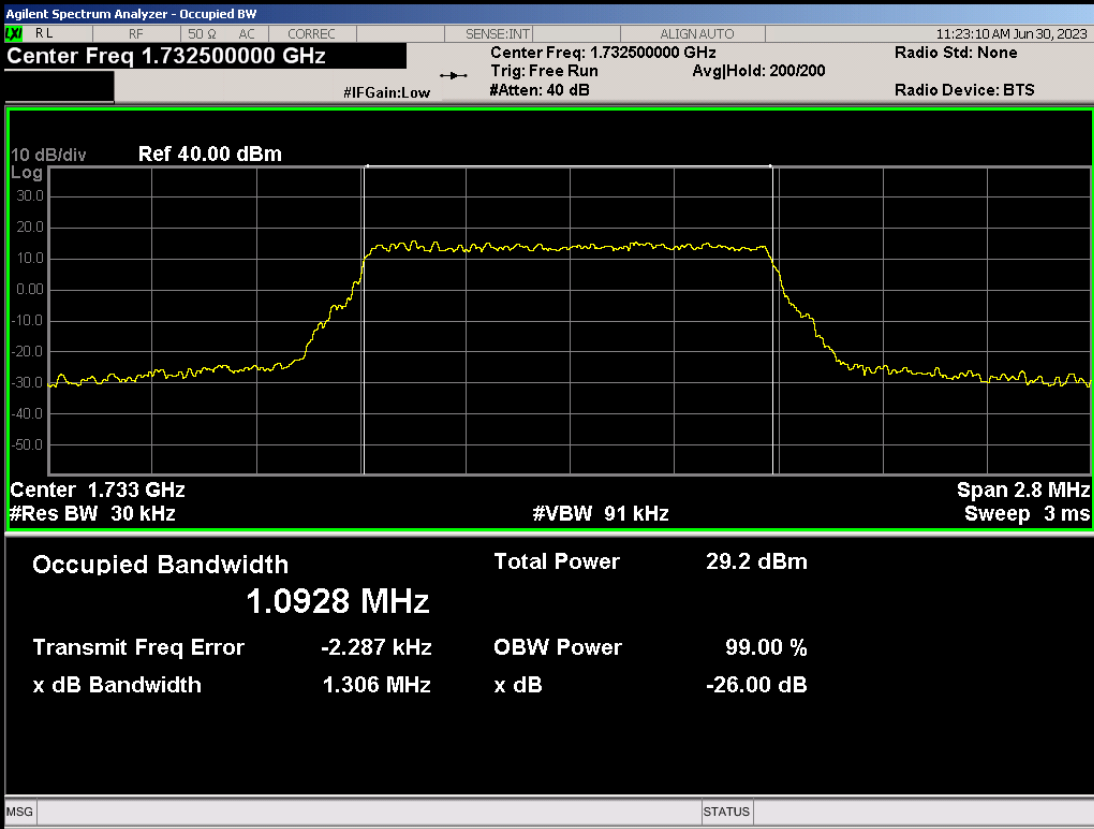
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



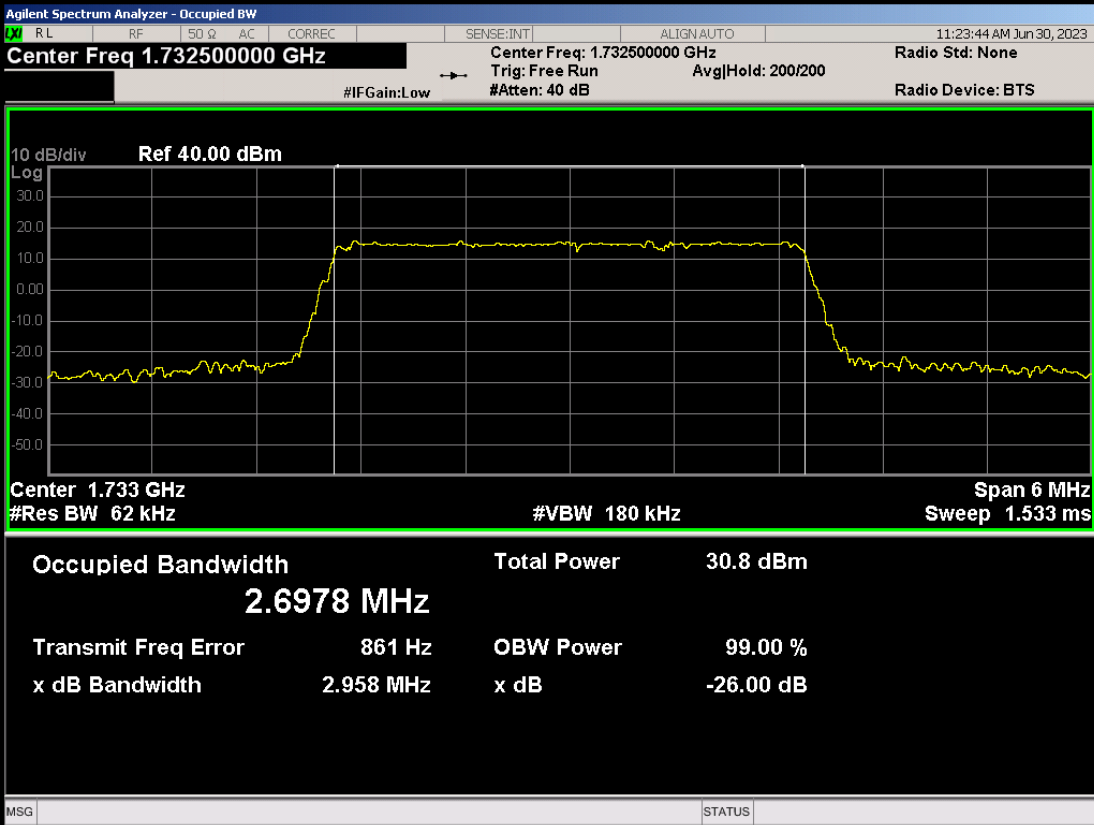
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



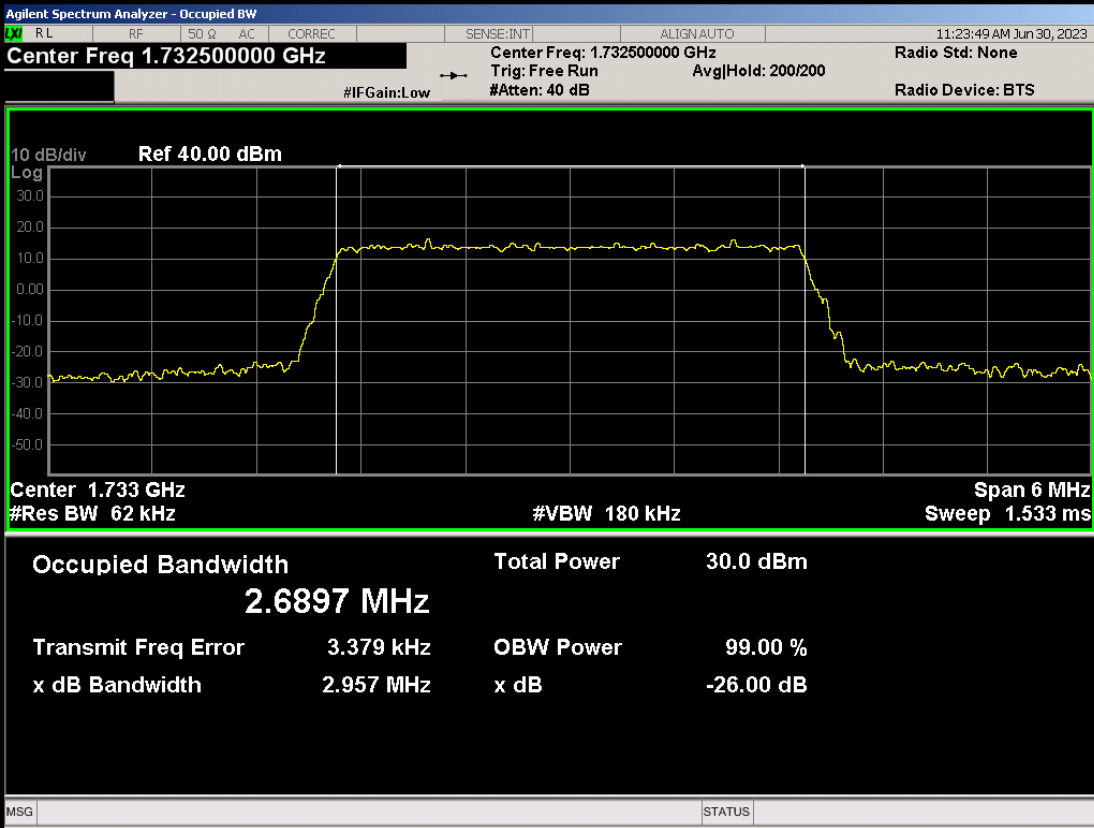
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



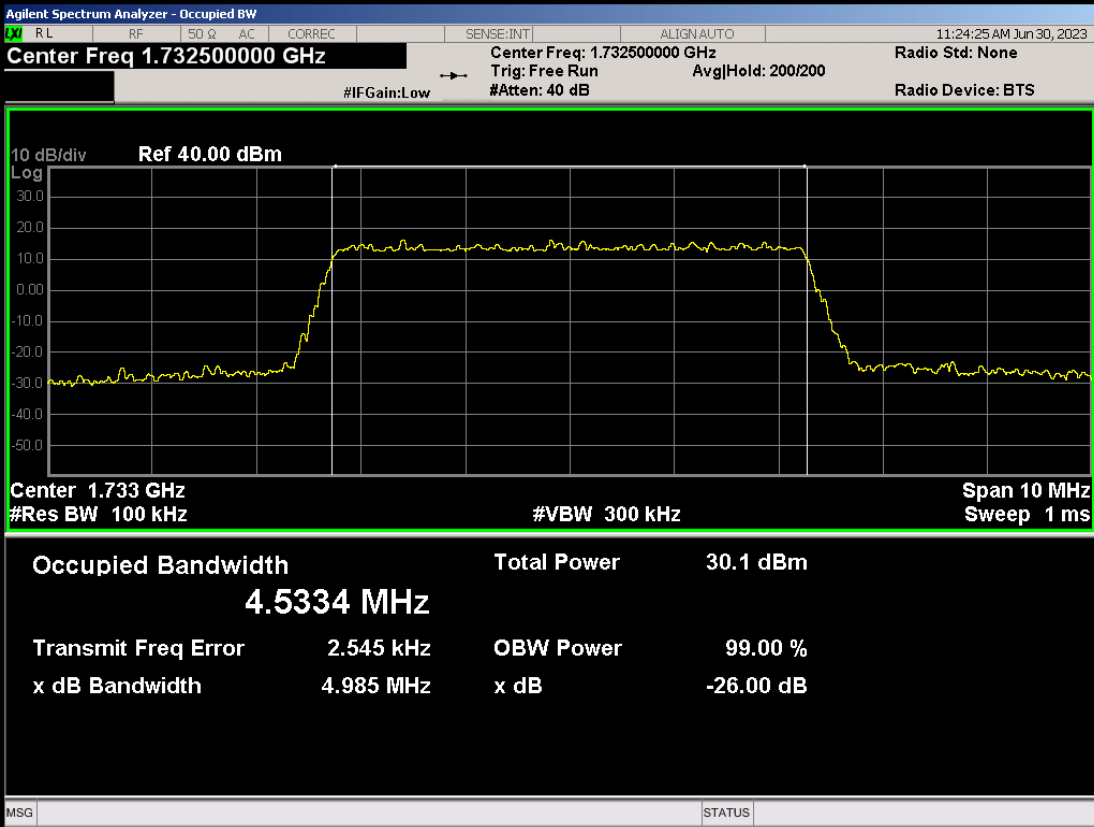
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



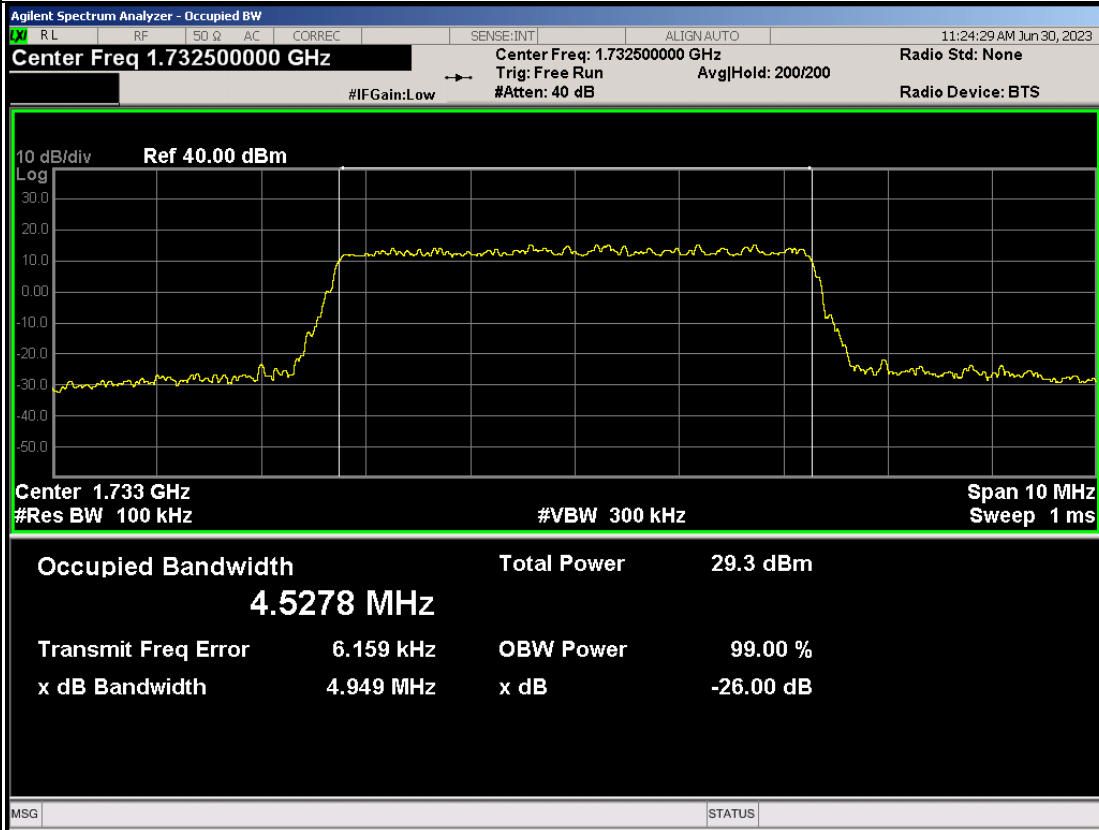
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



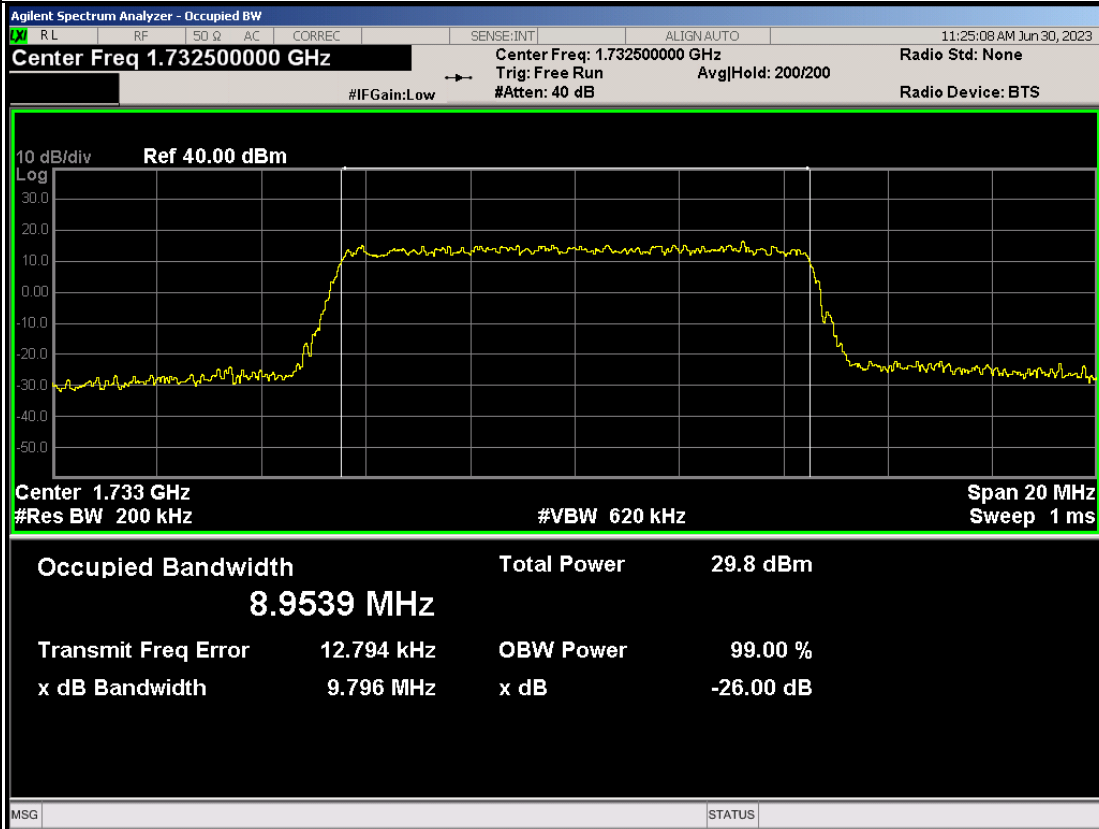
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



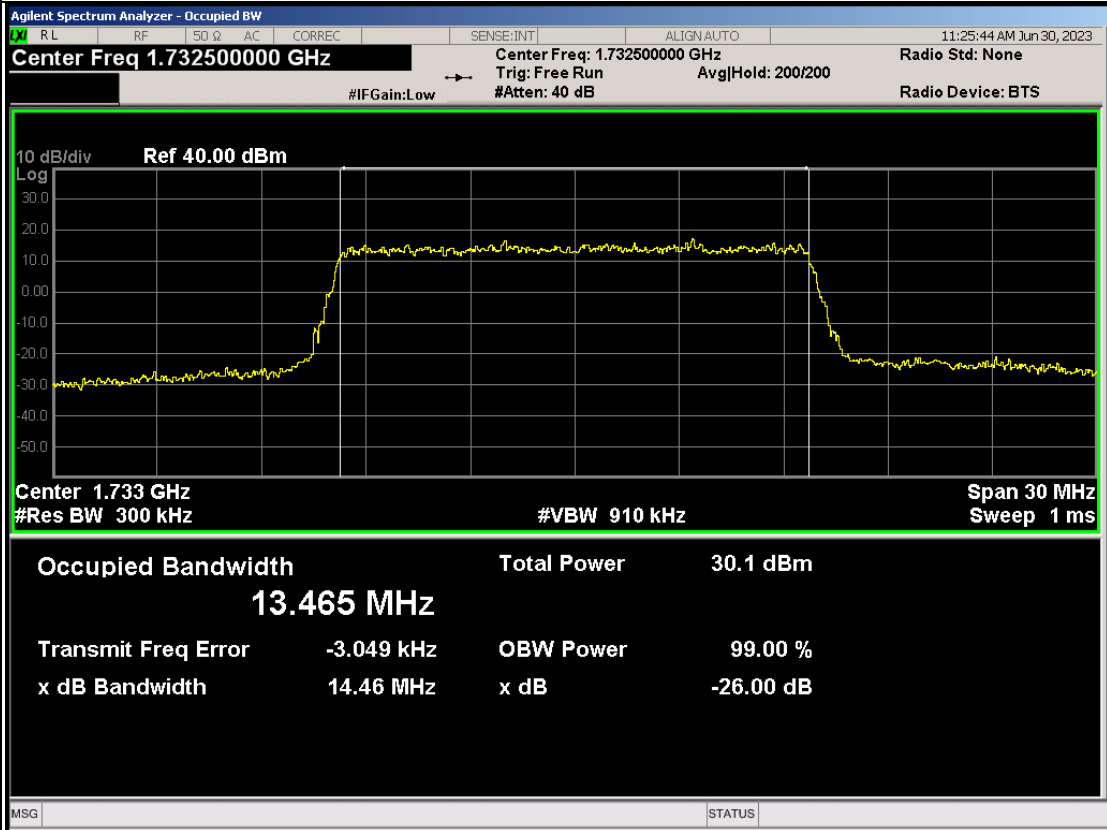
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



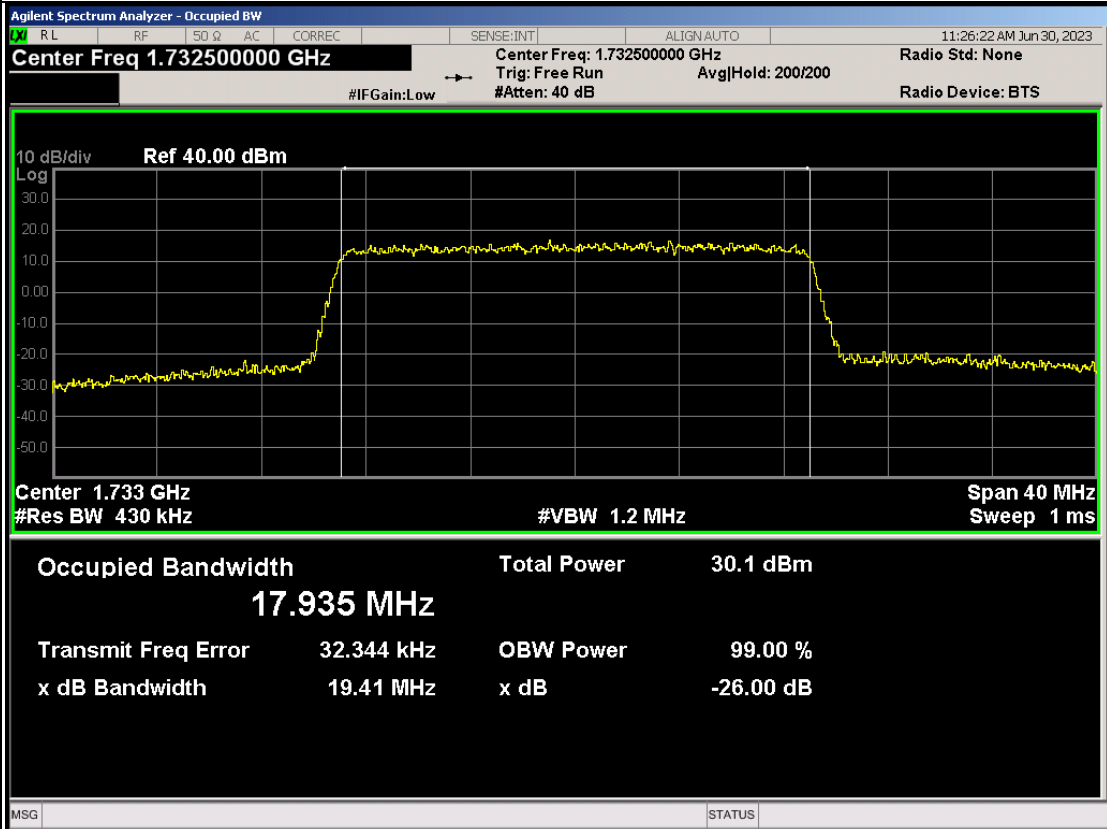
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



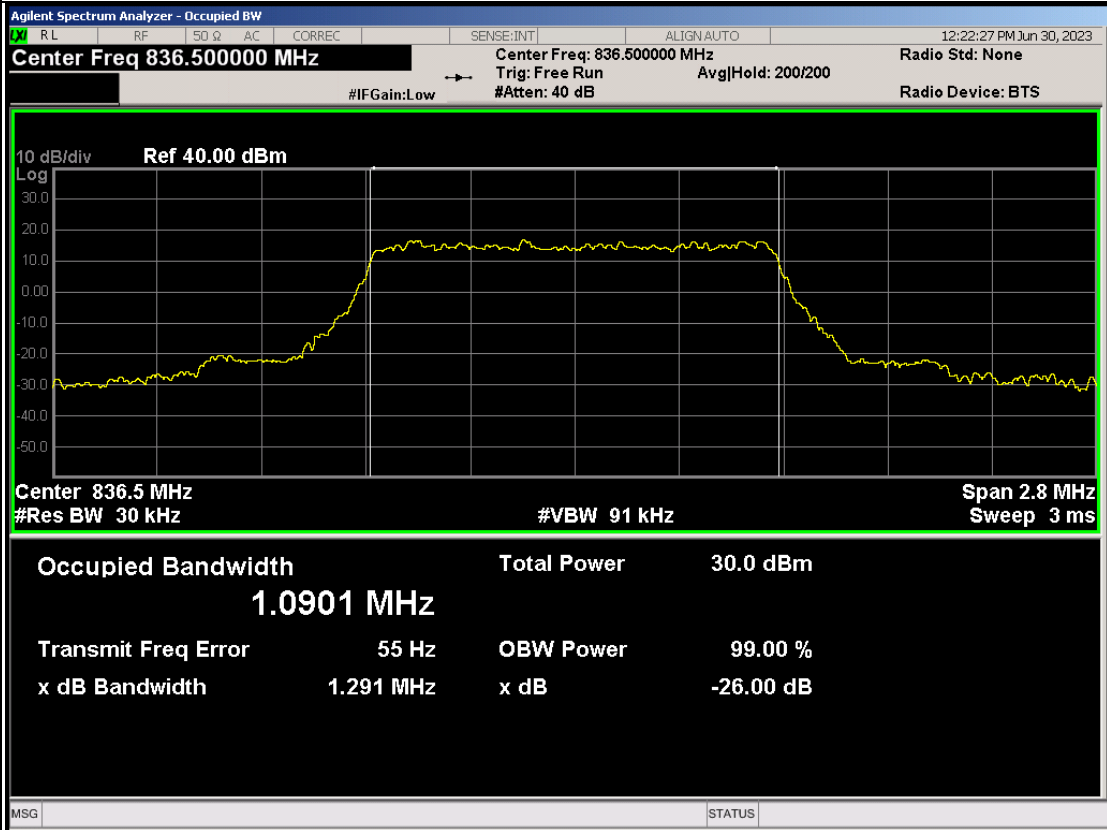
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



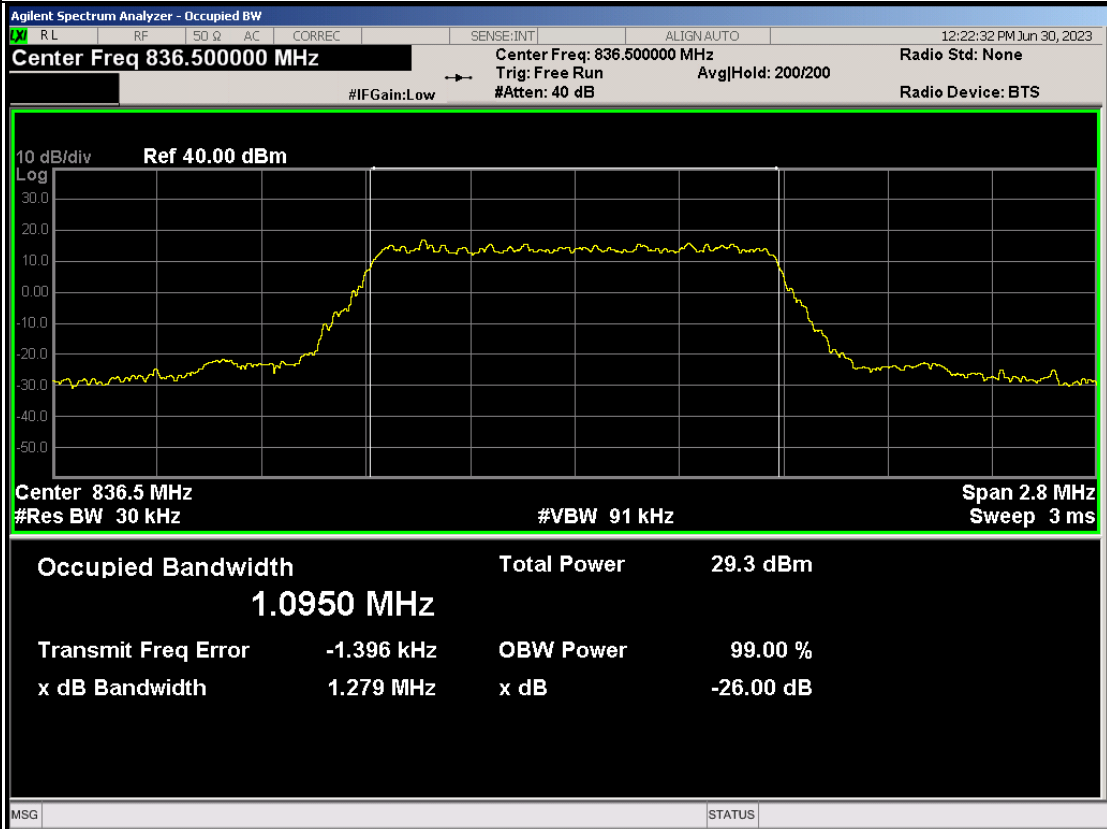
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



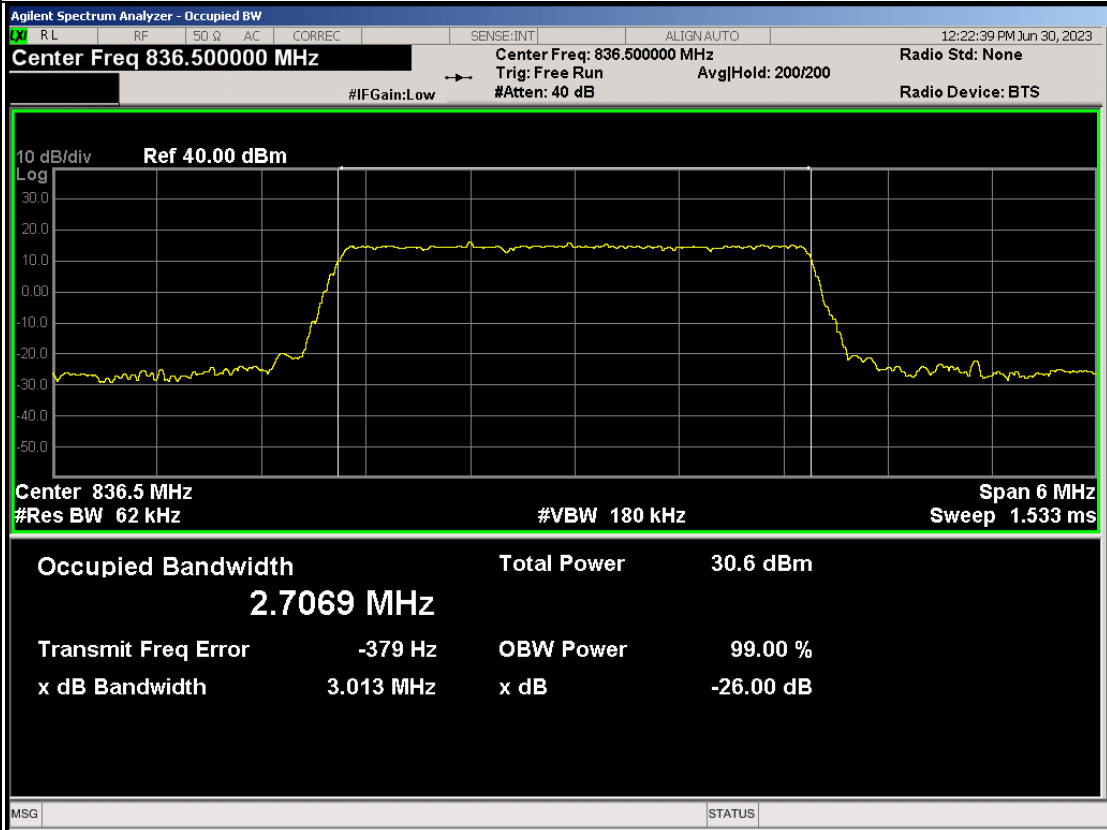
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



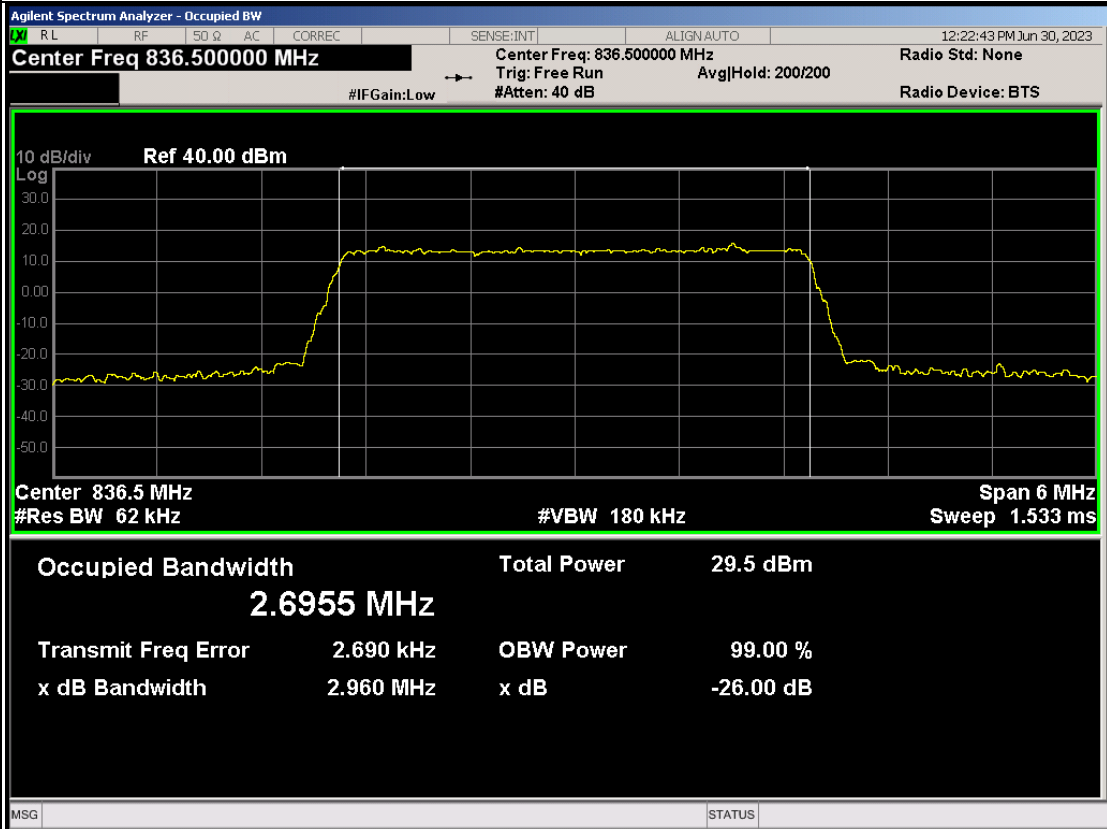
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



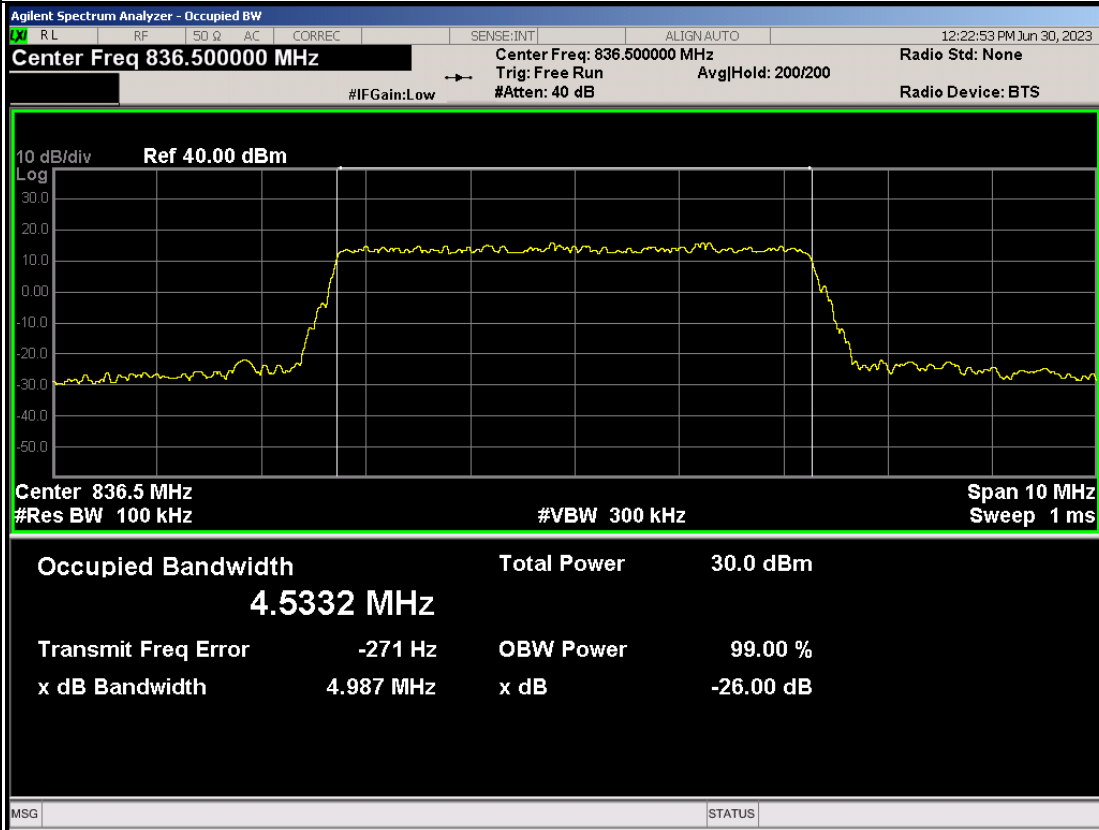
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



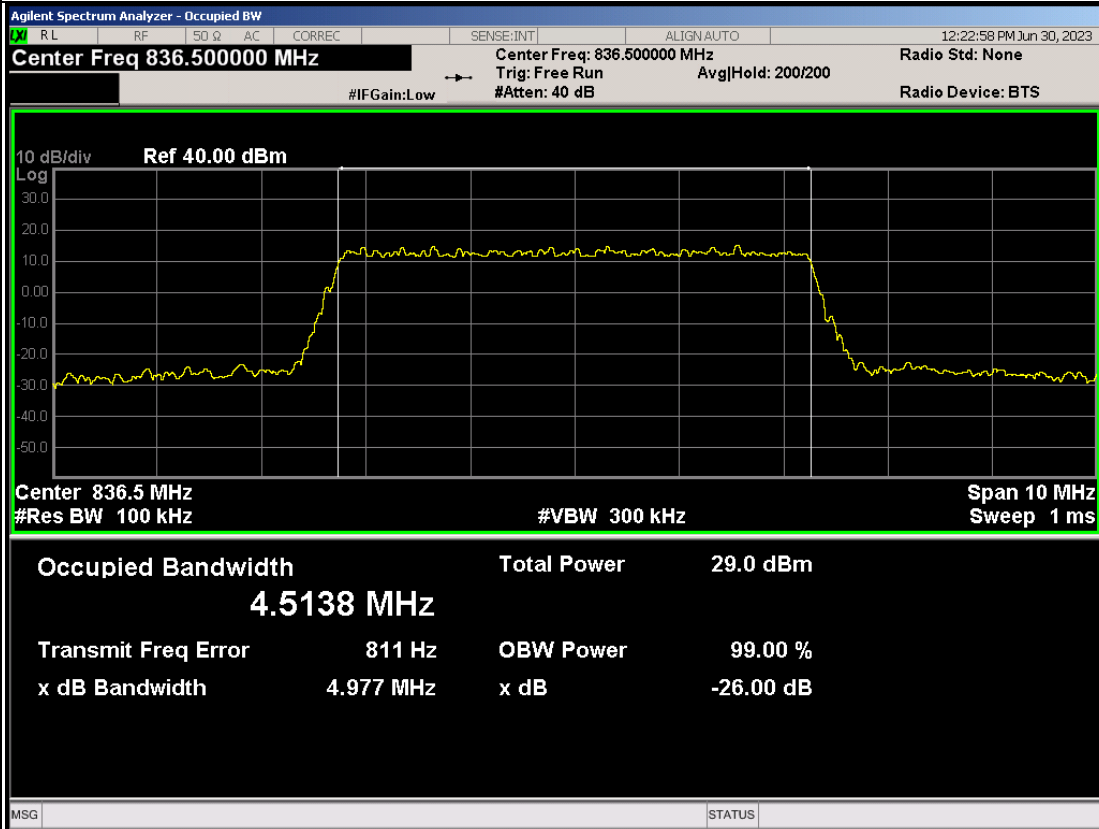
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



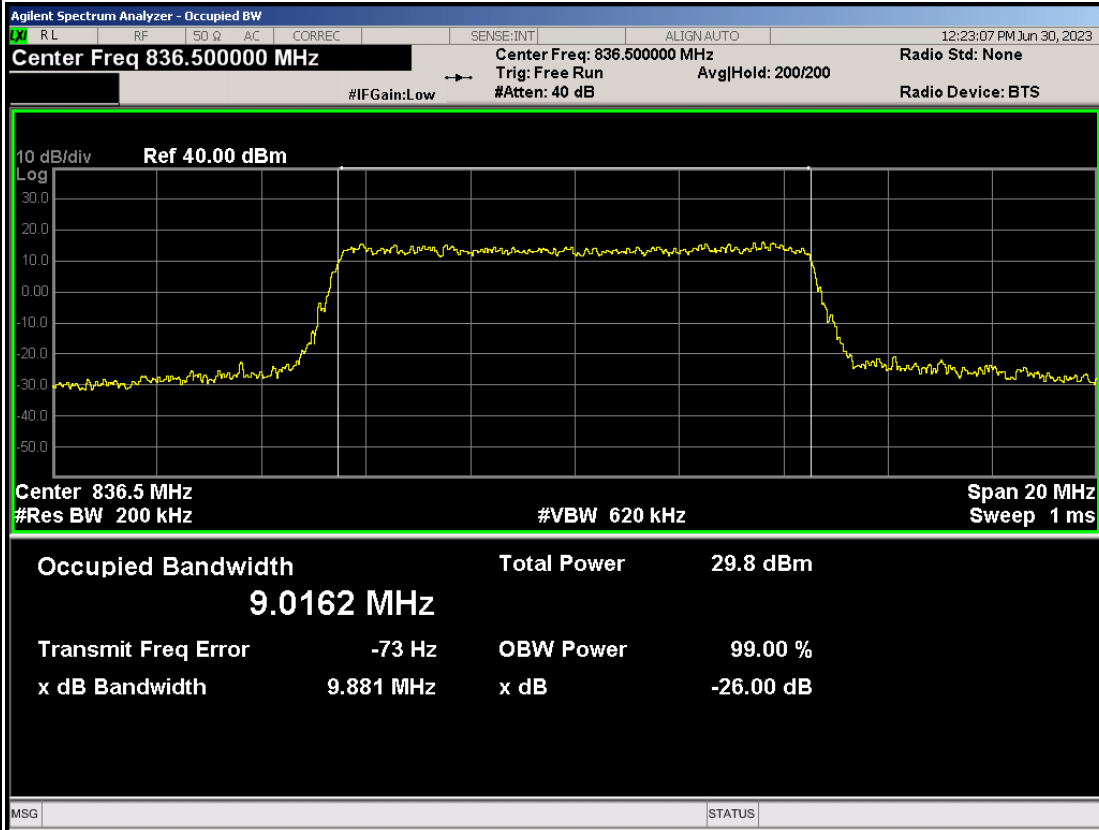
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



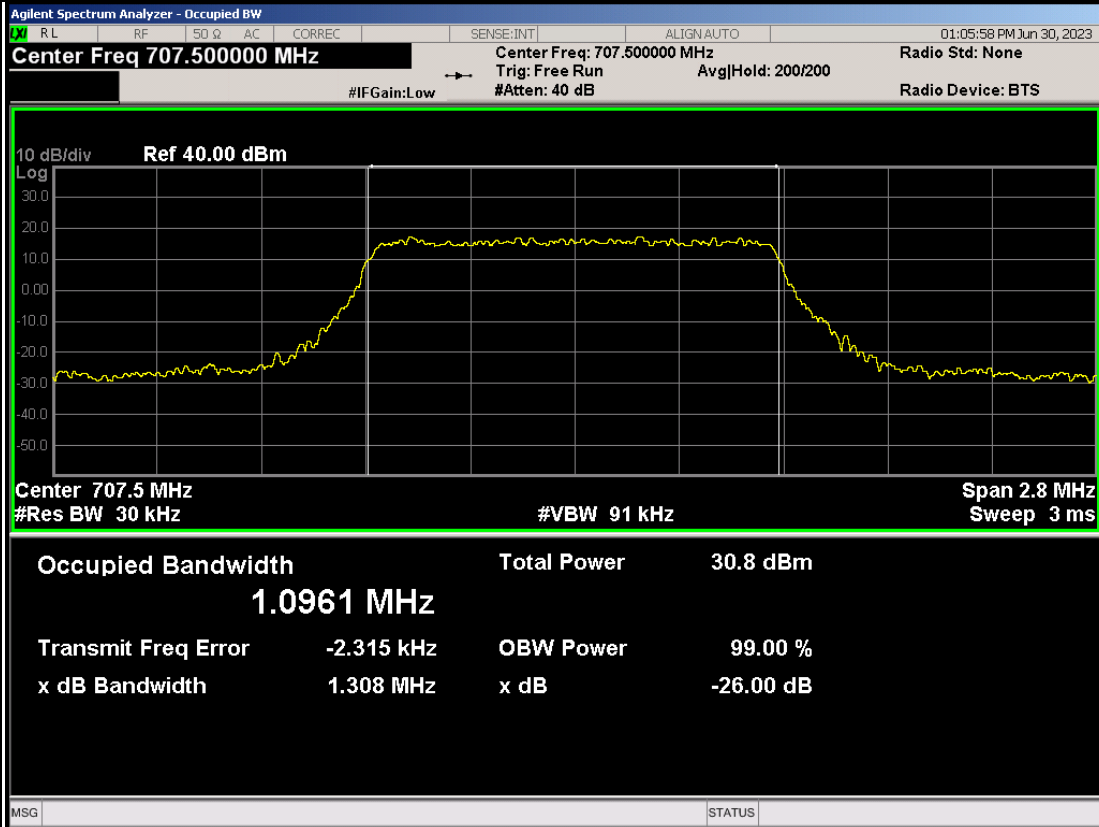
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



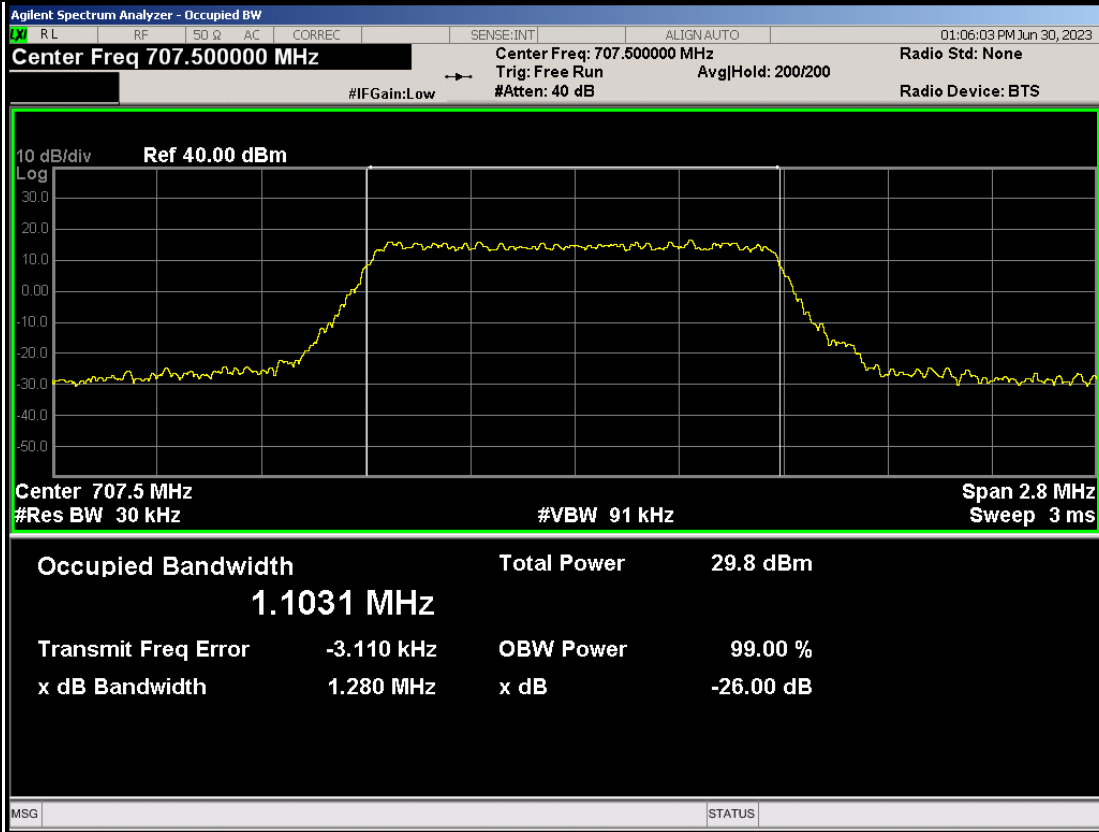
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



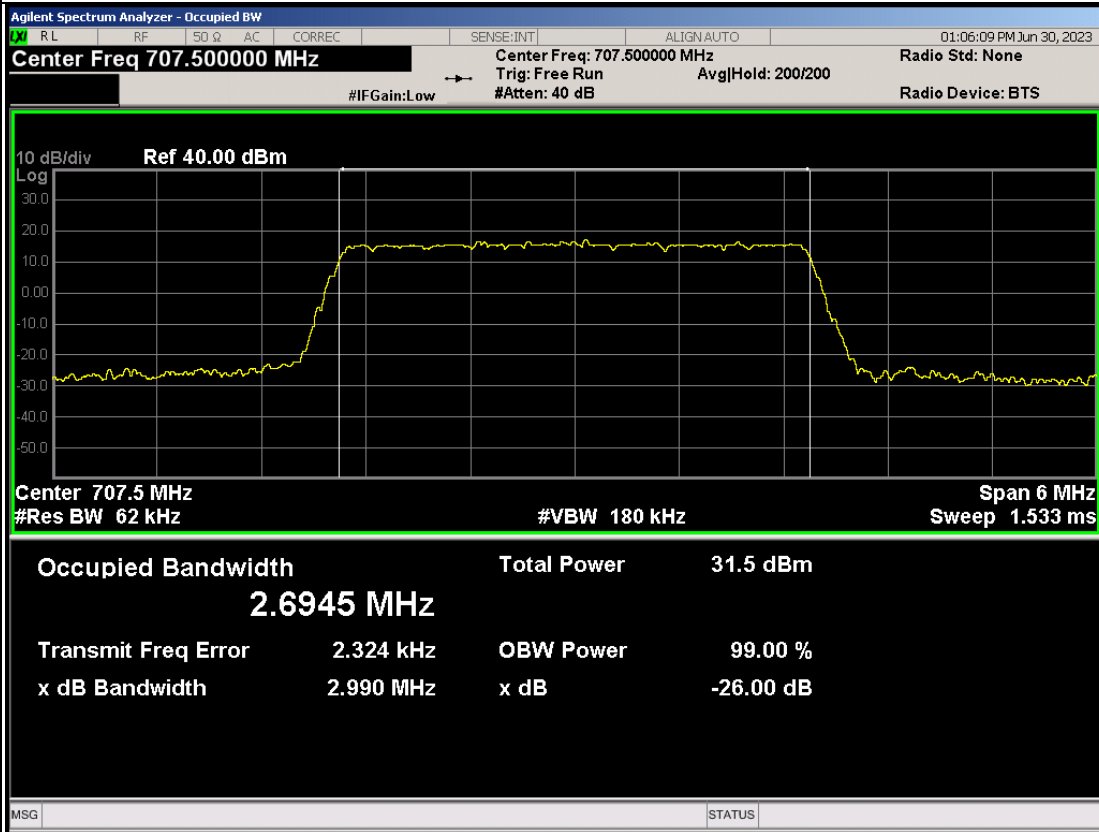
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



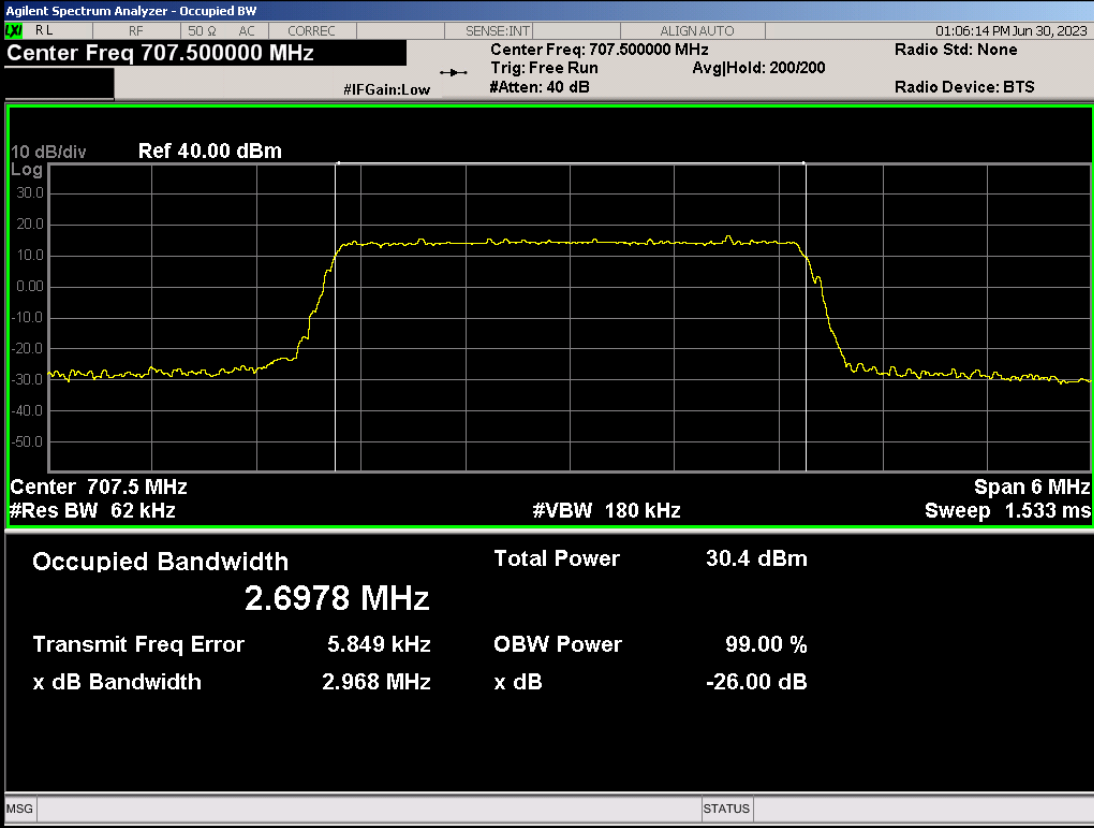
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



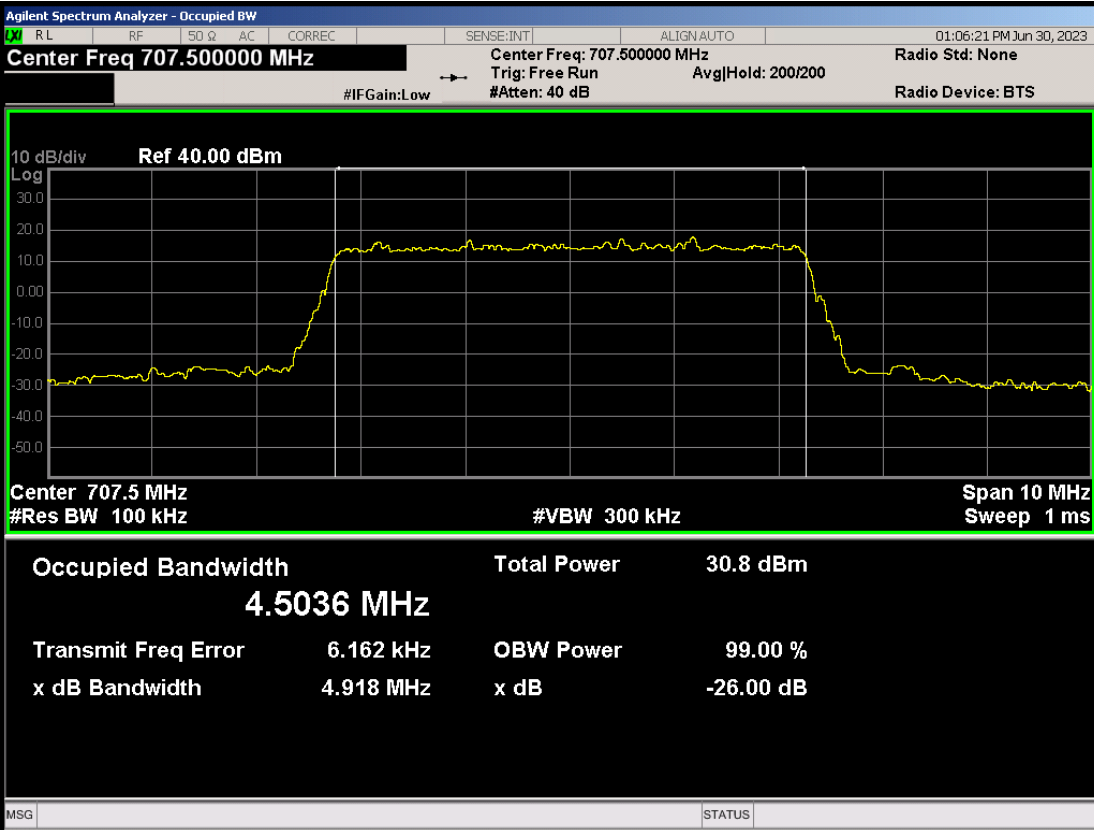
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



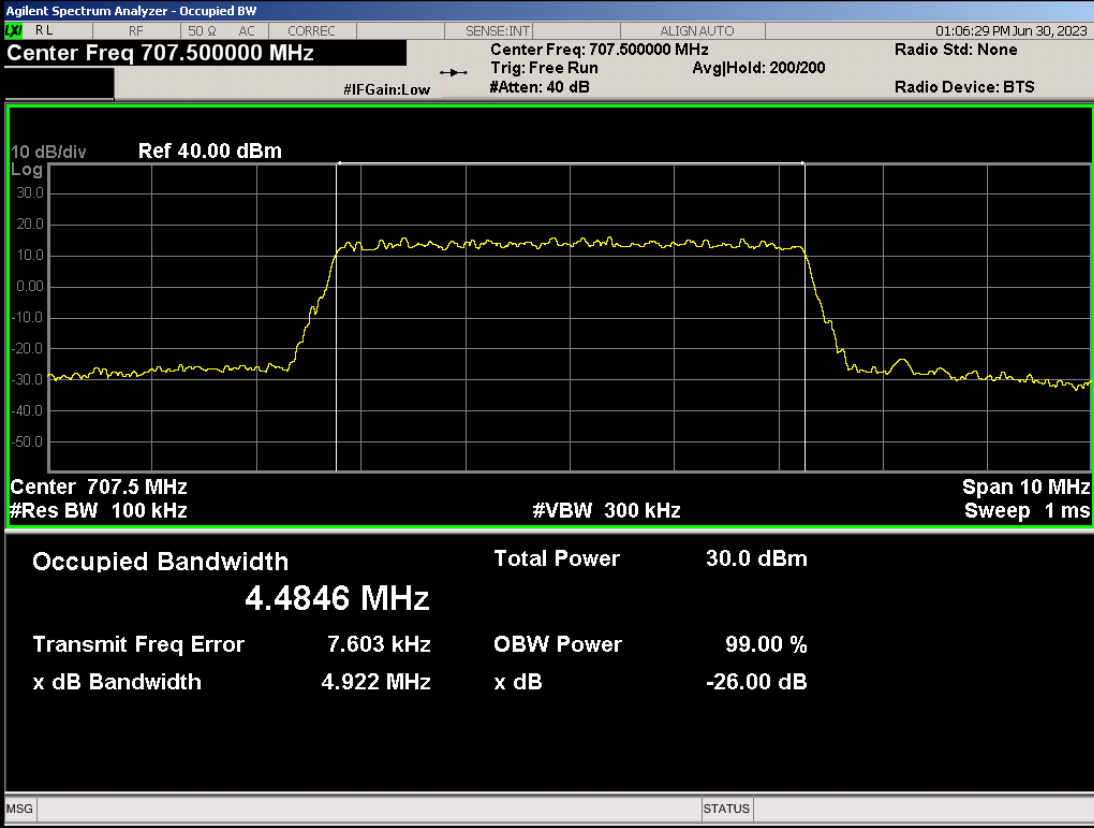
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



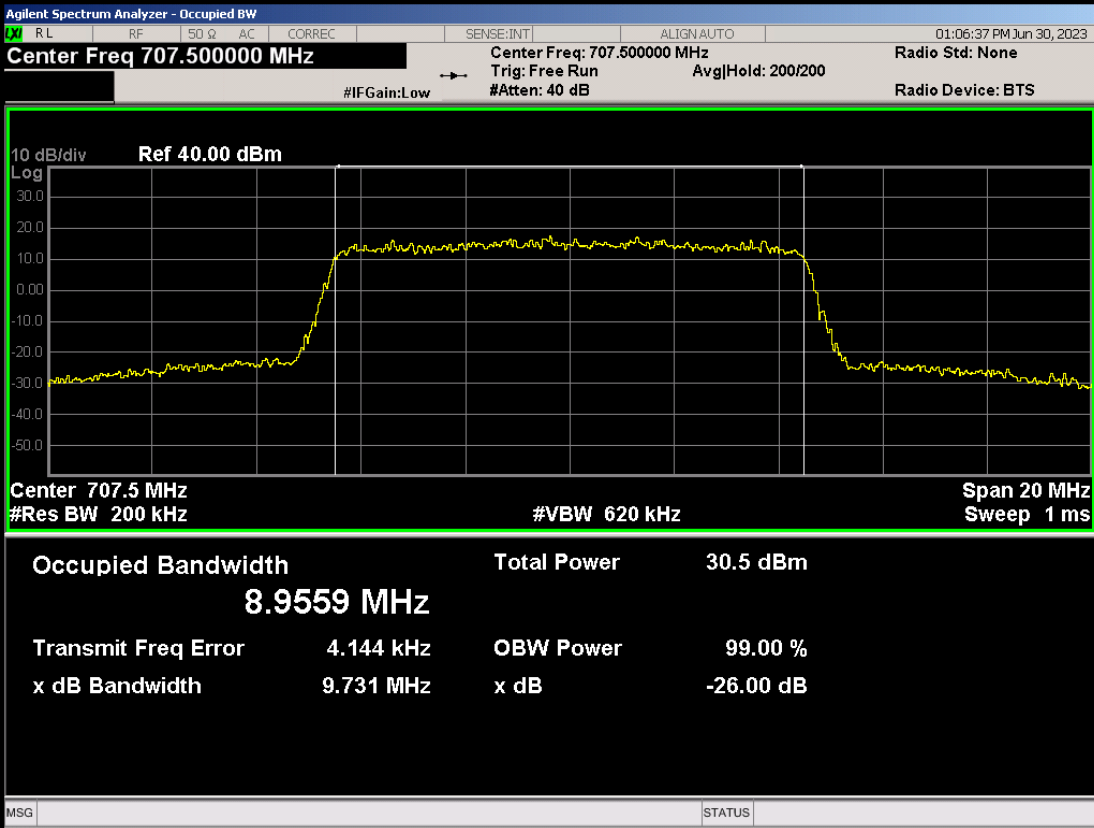
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0

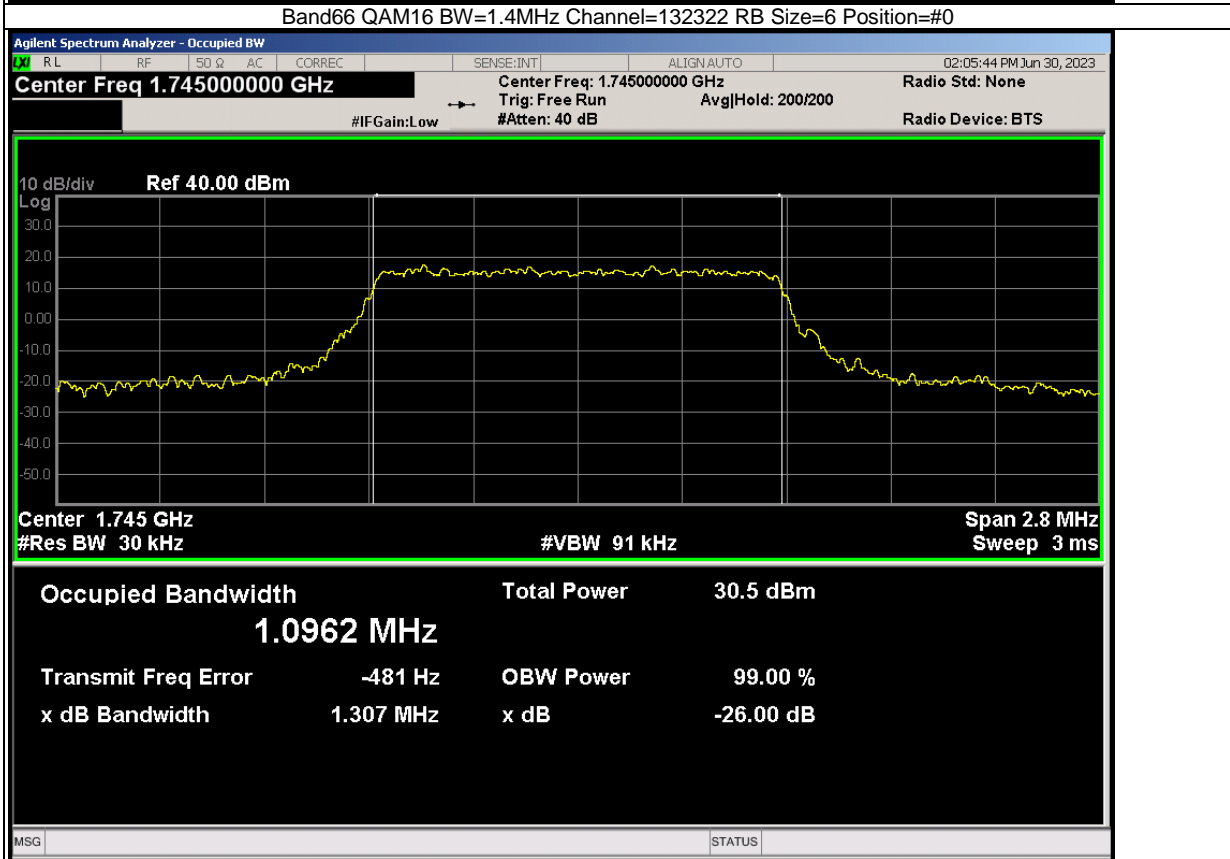
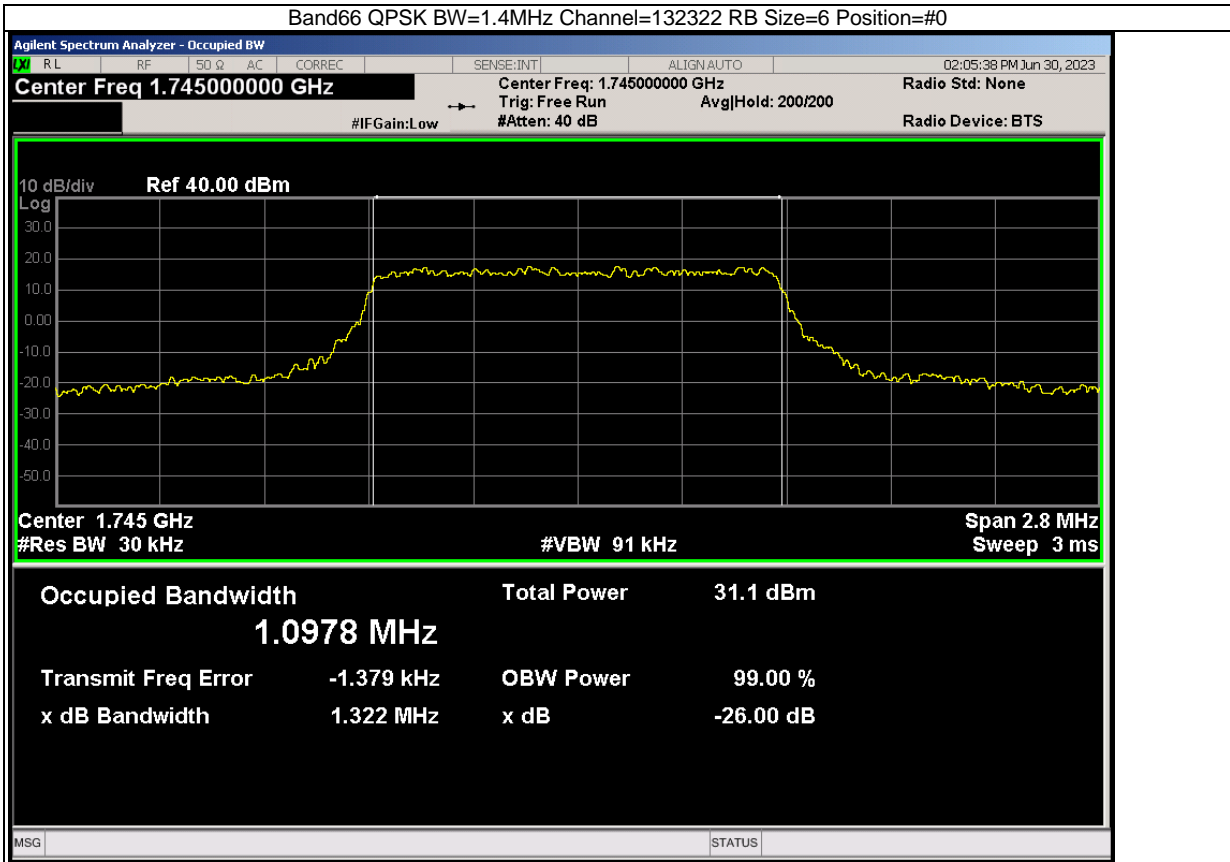


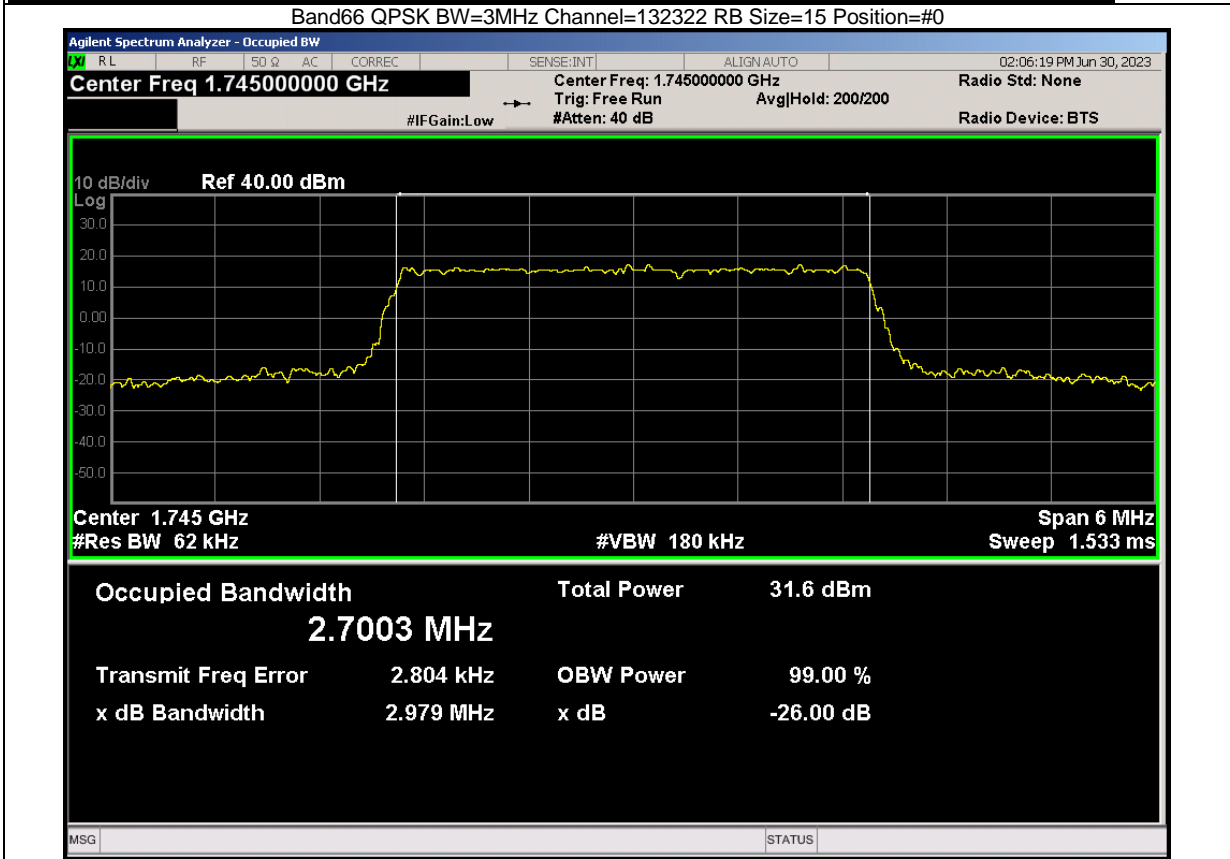
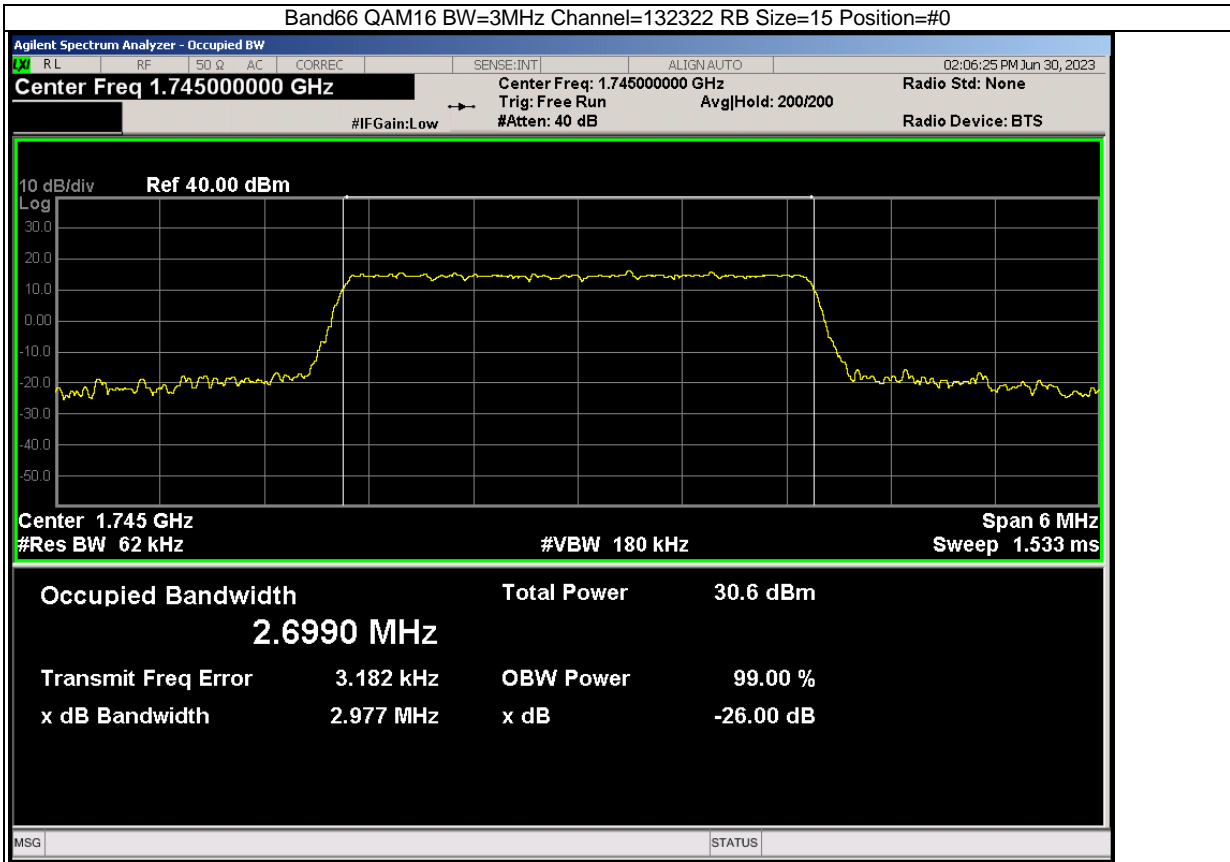
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



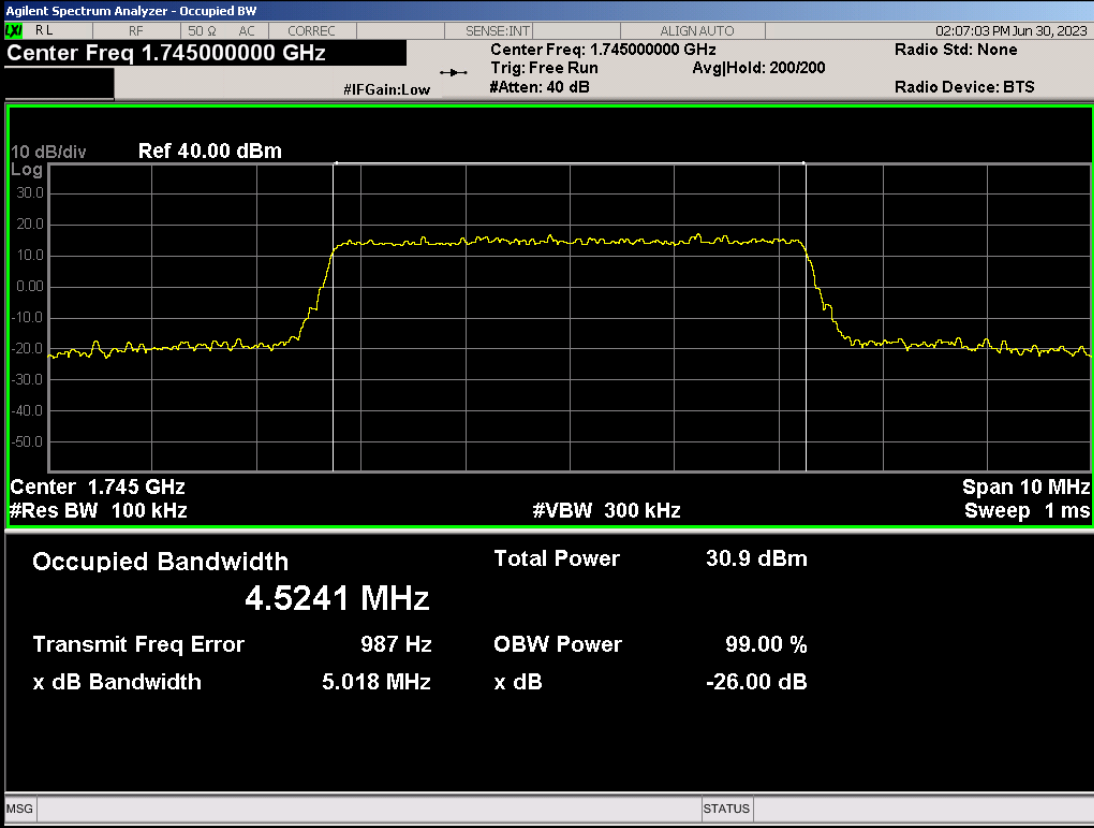
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



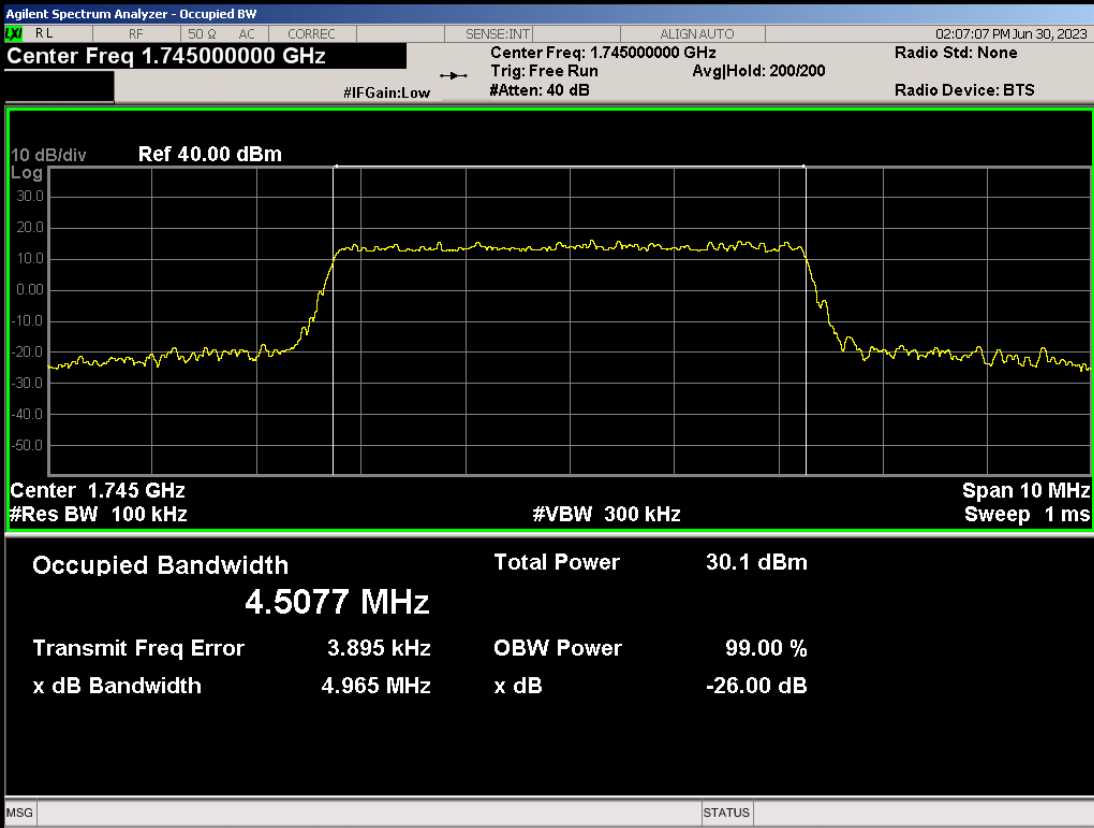


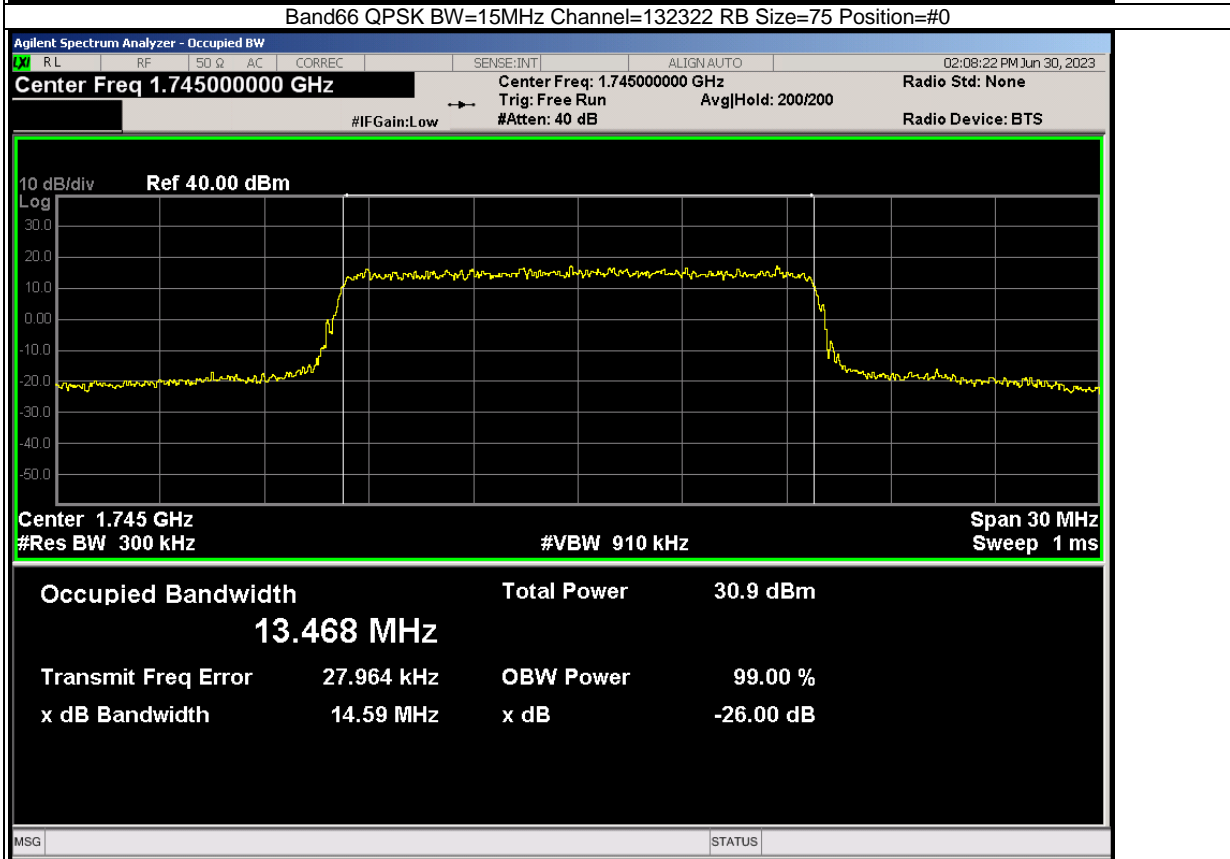
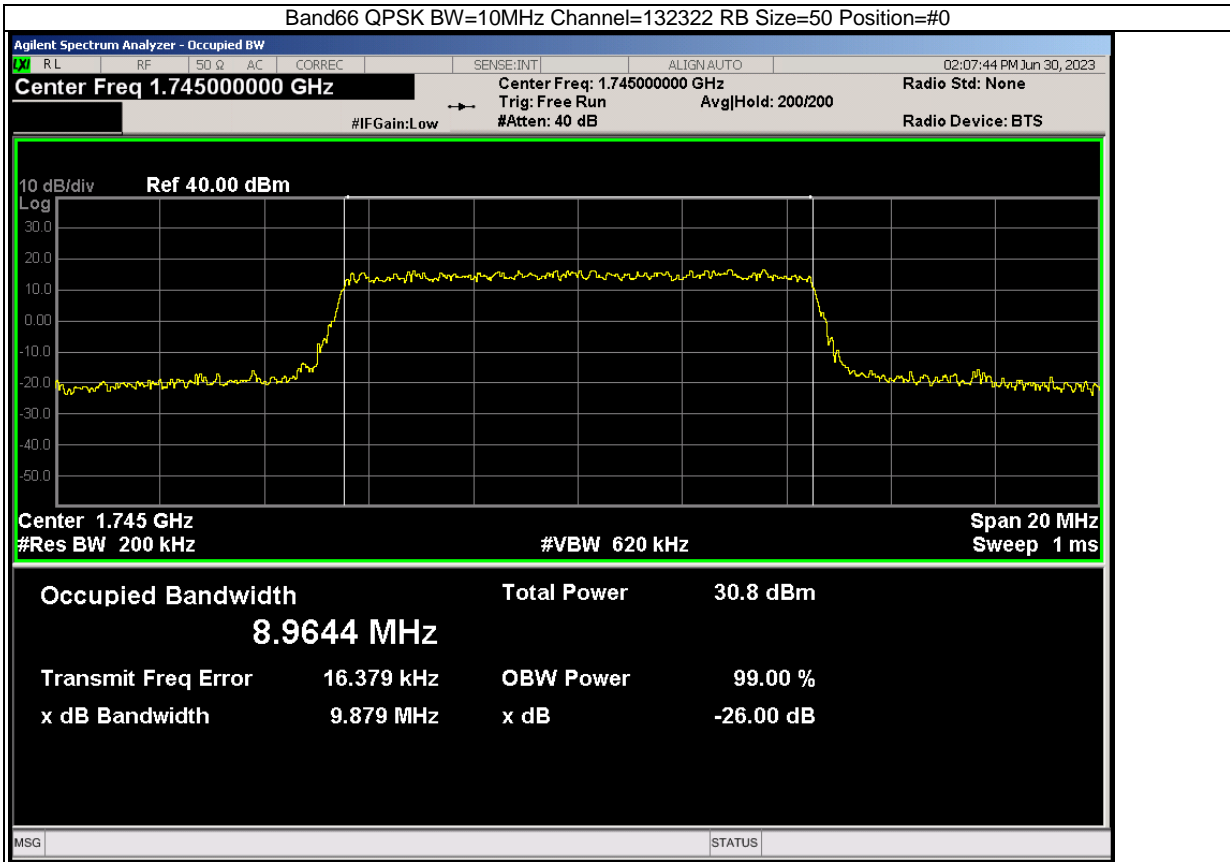


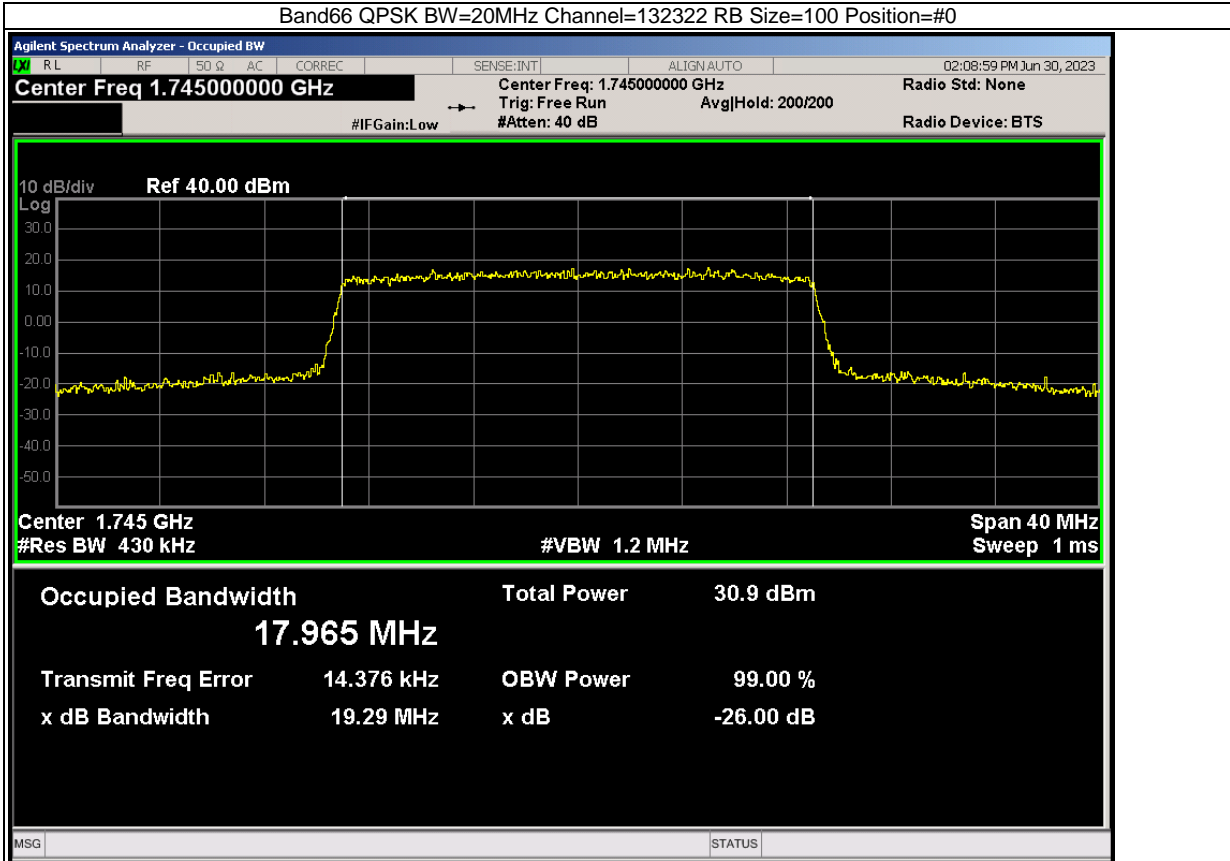
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



Band66 QAM16 BW=5MHz Channel=132322 RB Size=25 Position=#0







4. Modulation Characteristic

According to FCC § 2.1047(d), Part 24E & Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

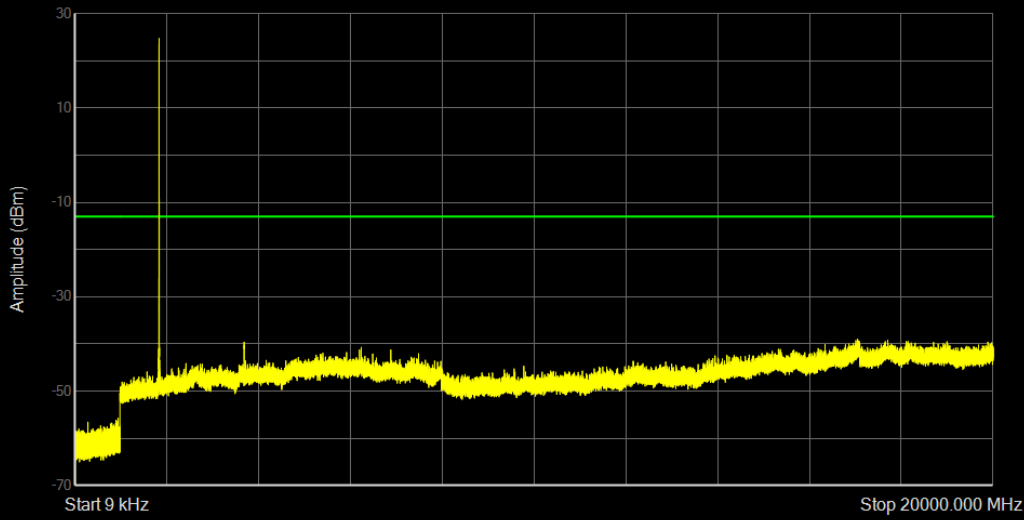
5.Out Of Band Emission At Antenna Terminals

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	3701.35	-38.22	-13	PASS
Band2	1.4	18607	6	#0	QAM16	3702.03	-38.68	-13	PASS
Band2	1.4	19193	6	#0	QPSK	3819.25	-38.05	-13	PASS
Band2	1.4	19193	6	#0	QAM16	3818.80	-38.00	-13	PASS
Band2	3	18615	15	#0	QPSK	3701.80	-40.30	-13	PASS
Band2	3	18615	15	#0	QAM16	3703.38	-40.58	-13	PASS
Band2	3	19185	15	#0	QPSK	3817.90	-39.35	-13	PASS
Band2	3	19185	15	#0	QAM16	2517.85	-37.35	-13	PASS
Band2	5	18625	25	#0	QPSK	5477.50	-42.06	-13	PASS
Band2	5	18625	25	#0	QAM16	5408.65	-41.75	-13	PASS
Band2	5	19175	25	#0	QPSK	5617.23	-41.32	-13	PASS
Band2	5	19175	25	#0	QAM16	3815.43	-40.74	-13	PASS
Band2	10	18650	50	#0	QPSK	5792.95	-41.80	-13	PASS
Band2	10	19150	50	#0	QPSK	5463.78	-40.61	-13	PASS
Band2	15	18675	75	#0	QPSK	6044.95	-40.57	-13	PASS
Band2	15	19125	75	#0	QPSK	5601.03	-41.93	-13	PASS
Band2	20	18700	100	#0	QPSK	4839.40	-41.67	-13	PASS
Band2	20	19100	100	#0	QPSK	5510.80	-41.37	-13	PASS
Band4	1.4	19957	6	#0	QPSK	3421.68	-36.10	-13	PASS
Band4	1.4	19957	6	#0	QAM16	3421.23	-35.77	-13	PASS
Band4	1.4	20393	6	#0	QPSK	3508.75	-38.58	-13	PASS
Band4	1.4	20393	6	#0	QAM16	3508.98	-38.30	-13	PASS
Band4	3	19965	15	#0	QPSK	3423.25	-39.48	-13	PASS
Band4	3	19965	15	#0	QAM16	3422.80	-38.65	-13	PASS
Band4	3	20385	15	#0	QPSK	3508.53	-41.23	-13	PASS
Band4	3	20385	15	#0	QAM16	3508.98	-41.46	-13	PASS
Band4	5	19975	25	#0	QPSK	3427.30	-40.49	-13	PASS
Band4	5	19975	25	#0	QAM16	3426.63	-38.98	-13	PASS
Band4	5	20375	25	#0	QPSK	3505.38	-41.24	-13	PASS
Band4	5	20375	25	#0	QAM16	3506.95	-42.04	-13	PASS
Band4	10	20000	50	#0	QPSK	3426.18	-41.58	-13	PASS
Band4	10	20350	50	#0	QPSK	6235.30	-41.77	-13	PASS
Band4	15	20025	75	#0	QPSK	5645.58	-42.12	-13	PASS
Band4	15	20325	75	#0	QPSK	6283.90	-42.16	-13	PASS
Band4	20	20050	100	#0	QPSK	6201.78	-42.23	-13	PASS
Band4	20	20300	100	#0	QPSK	5652.78	-41.60	-13	PASS
Band5	1.4	20407	6	#0	QPSK	1649.58	-34.02	-13	PASS
Band5	1.4	20407	6	#0	QAM16	1649.35	-34.85	-13	PASS
Band5	1.4	20643	6	#0	QPSK	2545.30	-36.63	-13	PASS
Band5	1.4	20643	6	#0	QAM16	2544.40	-36.82	-13	PASS

FCC ID:ZKQ-WB100

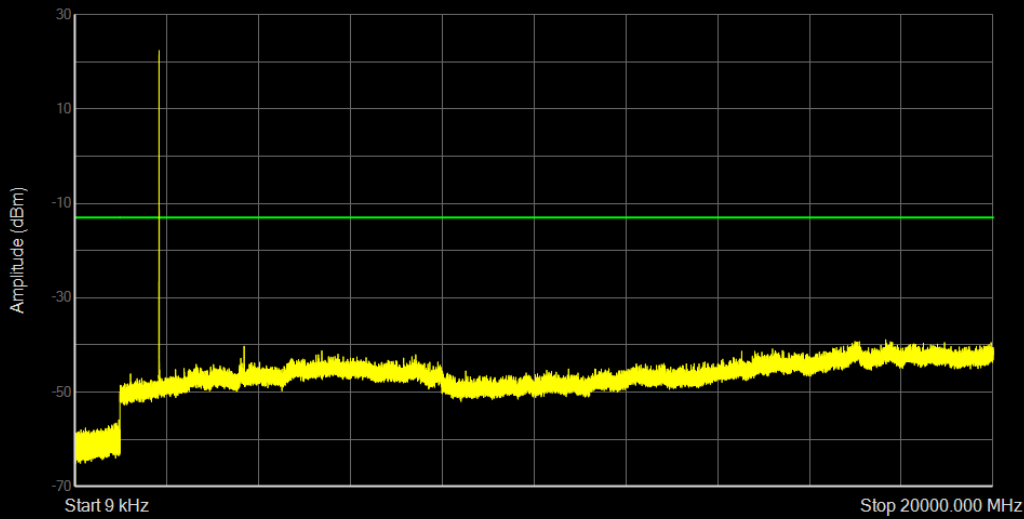
Band5	3	20415	15	#0	QPSK	1652.73	-37.90	-13	PASS
Band5	3	20415	15	#0	QAM16	1649.35	-37.34	-13	PASS
Band5	3	20635	15	#0	QPSK	2542.83	-40.06	-13	PASS
Band5	3	20635	15	#0	QAM16	2544.18	-39.81	-13	PASS
Band5	5	20425	25	#0	QPSK	1650.48	-40.31	-13	PASS
Band5	5	20425	25	#0	QAM16	1650.25	-39.51	-13	PASS
Band5	5	20625	25	#0	QPSK	5684.05	-42.29	-13	PASS
Band5	5	20625	25	#0	QAM16	2539.45	-41.87	-13	PASS
Band5	10	20450	50	#0	QPSK	5545.23	-42.28	-13	PASS
Band5	10	20600	50	#0	QPSK	5571.10	-42.58	-13	PASS
Band12	1.4	23017	6	#0	QPSK	1399.60	-36.78	-13	PASS
Band12	1.4	23017	6	#0	QAM16	1399.83	-36.89	-13	PASS
Band12	1.4	23173	6	#0	QPSK	2146.15	-40.39	-13	PASS
Band12	1.4	23173	6	#0	QAM16	2145.70	-40.88	-13	PASS
Band12	3	23025	15	#0	QPSK	1399.83	-40.51	-13	PASS
Band12	3	23025	15	#0	QAM16	1401.18	-40.11	-13	PASS
Band12	3	23165	15	#0	QPSK	1427.05	-42.89	-13	PASS
Band12	3	23165	15	#0	QAM16	1427.28	-41.84	-13	PASS
Band12	5	23035	25	#0	QPSK	1401.18	-41.65	-13	PASS
Band12	5	23035	25	#0	QAM16	1402.98	-41.12	-13	PASS
Band12	5	23155	25	#0	QPSK	6285.48	-42.46	-13	PASS
Band12	5	23155	25	#0	QAM16	5689.68	-42.52	-13	PASS
Band12	10	23060	50	#0	QPSK	6204.03	-43.00	-13	PASS
Band12	10	23130	50	#0	QPSK	5368.83	-43.04	-13	PASS
Band66	1.4	131979	6	#0	QPSK	3422.13	-36.14	-13	PASS
Band66	1.4	131979	6	#0	QAM16	3421.45	-36.20	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1791.10	-24.51	-13	PASS
Band66	1.4	132665	6	#0	QAM16	5578.08	-42.35	-13	PASS
Band66	3	131987	15	#0	QPSK	3424.60	-38.43	-13	PASS
Band66	3	131987	15	#0	QAM16	3421.68	-38.02	-13	PASS
Band66	3	132657	15	#0	QPSK	1805.95	-28.39	-13	PASS
Band66	3	132657	15	#0	QAM16	5926.83	-41.85	-13	PASS
Band66	5	131997	25	#0	QPSK	3427.53	-40.46	-13	PASS
Band66	5	131997	25	#0	QAM16	3422.80	-39.74	-13	PASS
Band66	5	132647	25	#0	QPSK	5745.70	-42.16	-13	PASS
Band66	5	132647	25	#0	QAM16	5410.90	-42.04	-13	PASS
Band66	10	132022	50	#0	QPSK	5653.90	-41.54	-13	PASS
Band66	10	132622	50	#0	QPSK	5596.08	-41.20	-13	PASS
Band66	15	132047	75	#0	QPSK	5439.48	-41.85	-13	PASS
Band66	15	132597	75	#0	QPSK	6027.63	-41.60	-13	PASS
Band66	20	132072	100	#0	QPSK	5941.45	-42.32	-13	PASS
Band66	20	132572	100	#0	QPSK	6224.05	-41.86	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



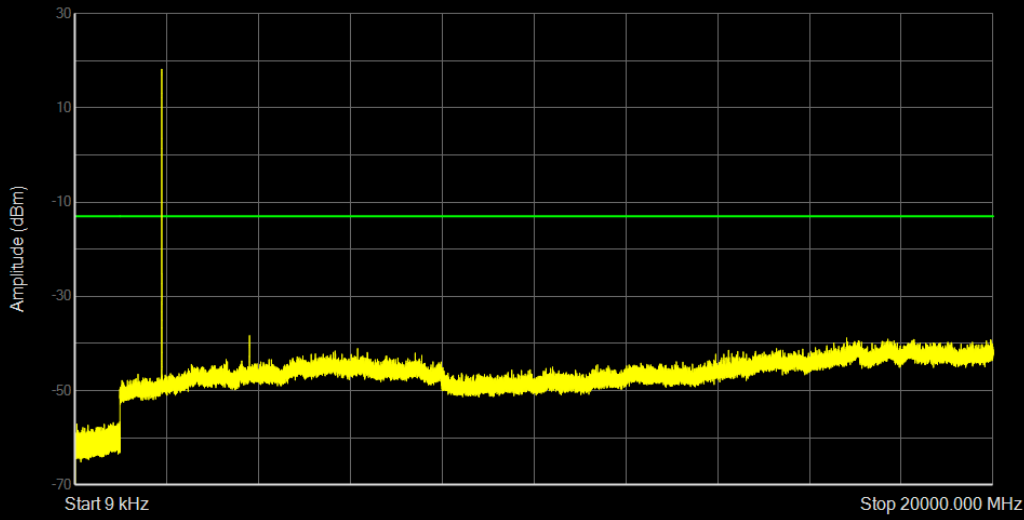
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.04	-13
2	0.15	30	10	0.15	-45.15	-13
3	30	1000	100	960.9575	-55.74	-13
4	1000	20000	1000	17051.2	-38.97	-13

Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



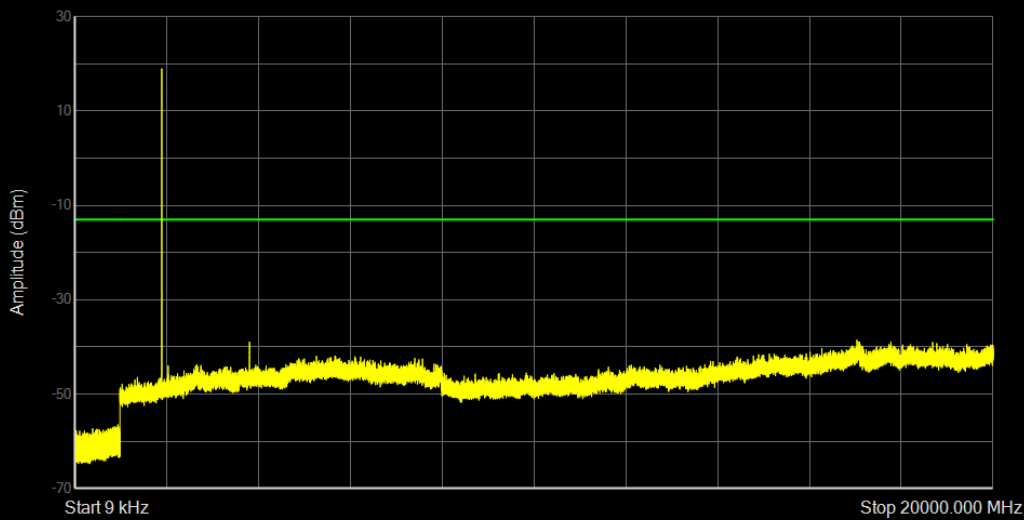
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100293	-45.51	-13
2	0.15	30	10	0.15	-45.79	-13
3	30	1000	100	974.99825	-55.87	-13
4	1000	20000	1000	17662.525	-38.89	-13

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



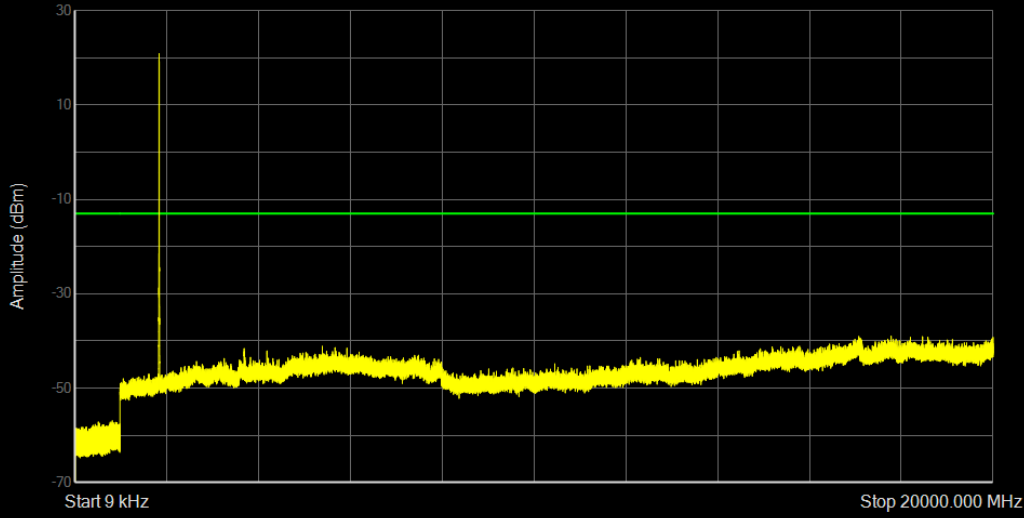
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.59	-13
2	0.15	30	10	0.15522375	-45.54	-13
3	30	1000	100	997.55075	-56.65	-13
4	1000	20000	1000	3818.65	-38.31	-13

Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



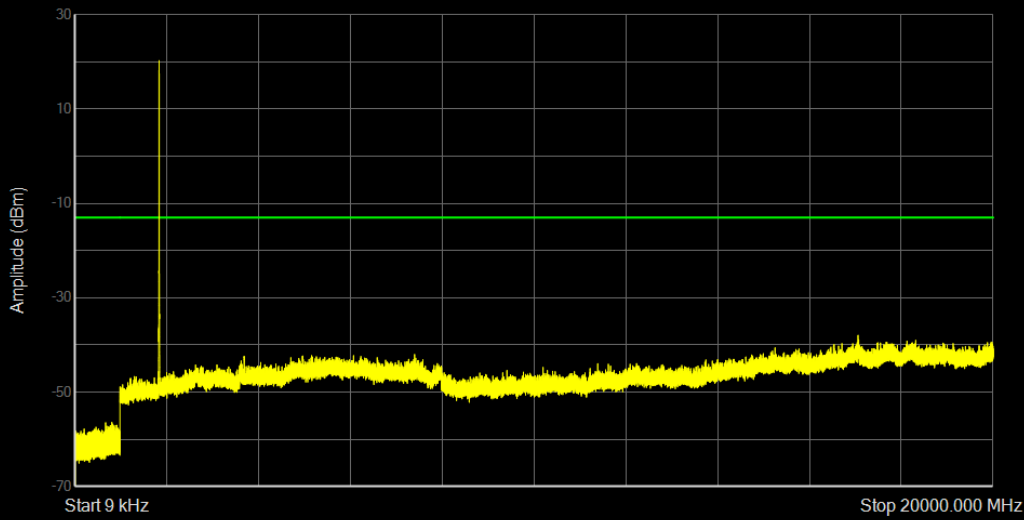
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009081075	-44.22	-13
2	0.15	30	10	0.16268625	-45.51	-13
3	30	1000	100	955.4285	-56.46	-13
4	1000	20000	1000	17036	-38.54	-13

Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



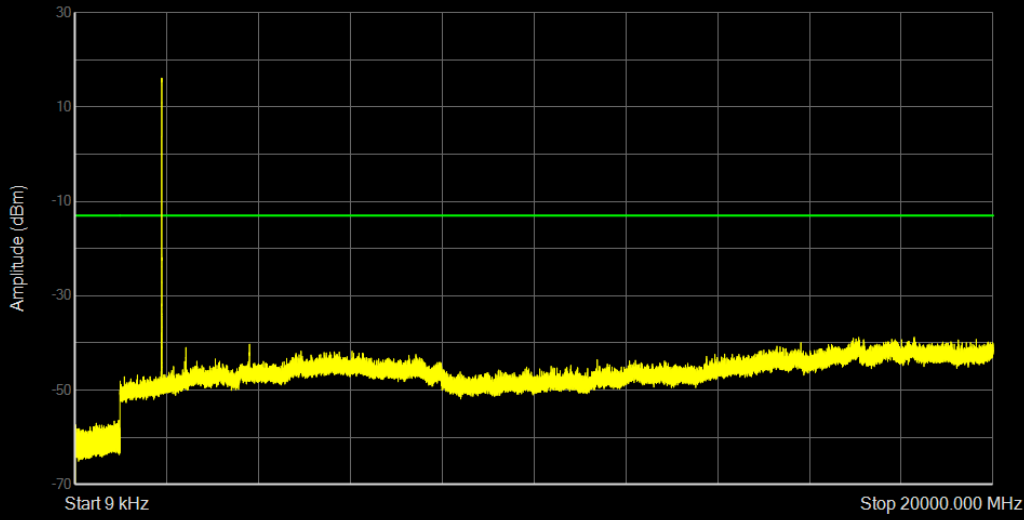
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.71	-13
2	0.15	30	10	0.15	-47.55	-13
3	30	1000	100	831.802	-56.94	-13
4	1000	20000	1000	17781.75	-38.98	-13

Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



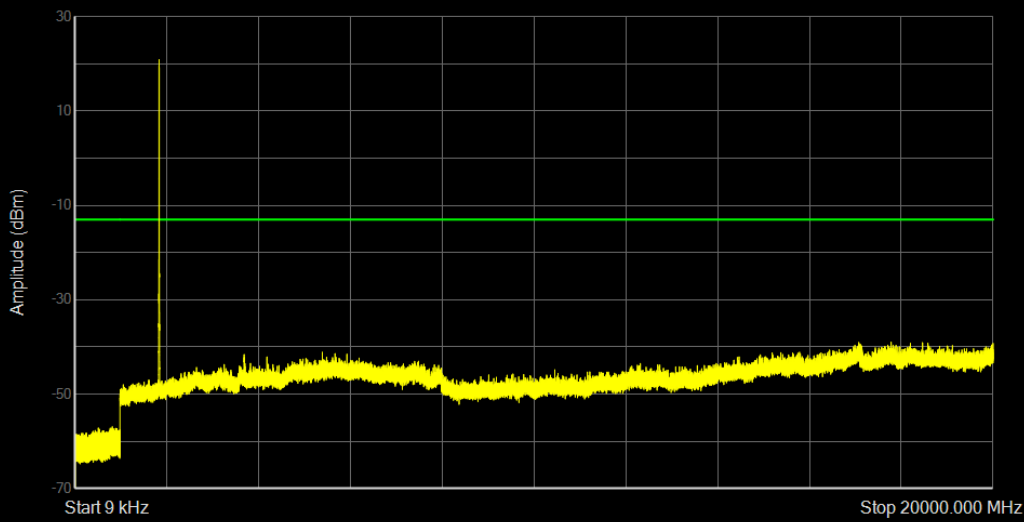
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.41	-13
2	0.15	30	10	0.15597	-45.06	-13
3	30	1000	100	824.06625	-56.39	-13
4	1000	20000	1000	17060.7	-37.95	-13

Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



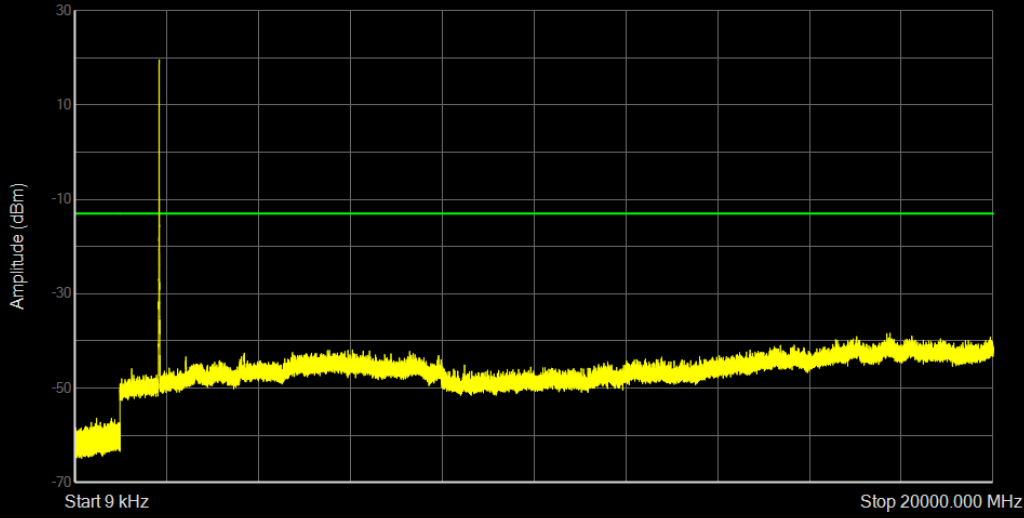
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009038775	-44.72	-13
2	0.15	30	10	0.15	-46.94	-13
3	30	1000	100	972.96125	-56.39	-13
4	1000	20000	1000	18284.775	-38.79	-13

Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



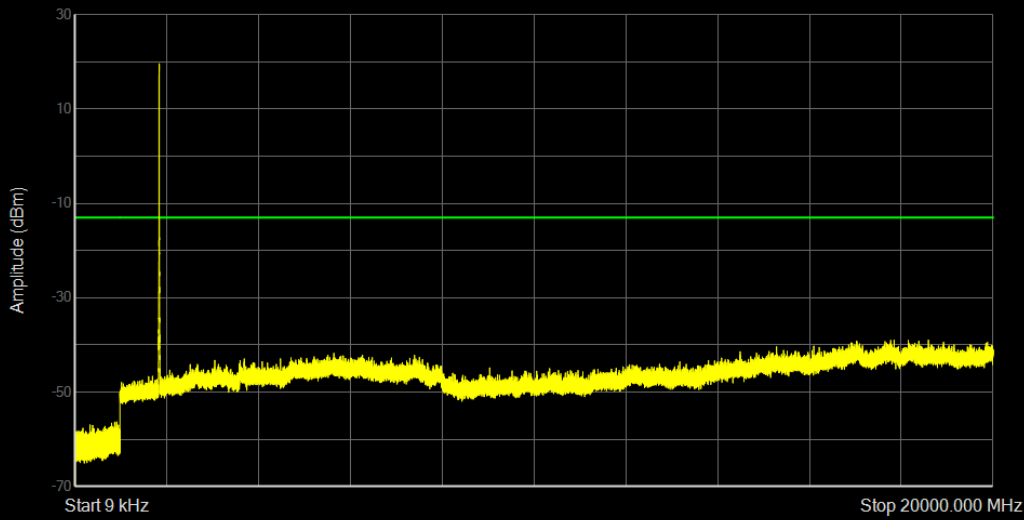
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.71	-13
2	0.15	30	10	0.15	-47.55	-13
3	30	1000	100	831.802	-56.94	-13
4	1000	20000	1000	17781.75	-38.98	-13

Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



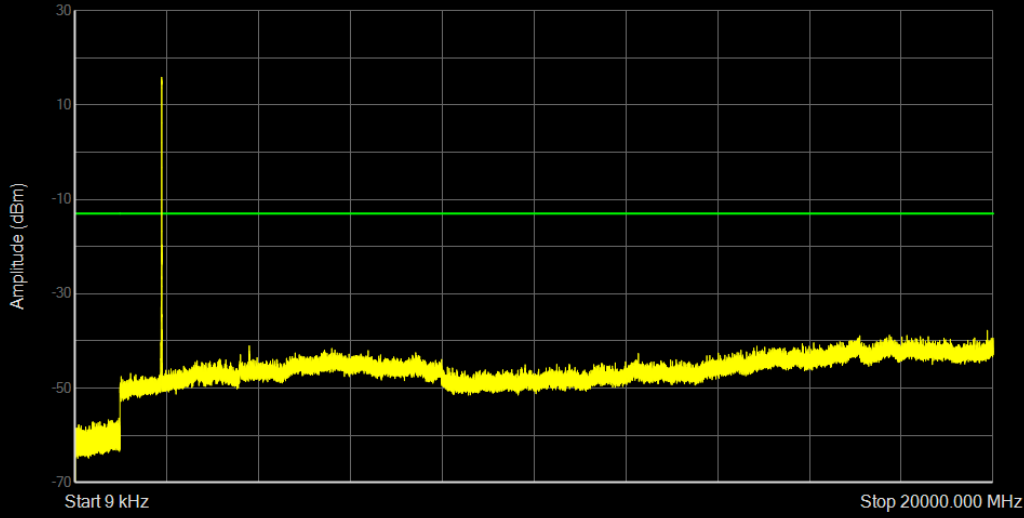
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102126	-43.79	-13
2	0.15	30	10	0.1544775	-45.45	-13
3	30	1000	100	812.86275	-56.39	-13
4	1000	20000	1000	17757.525	-38.34	-13

Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



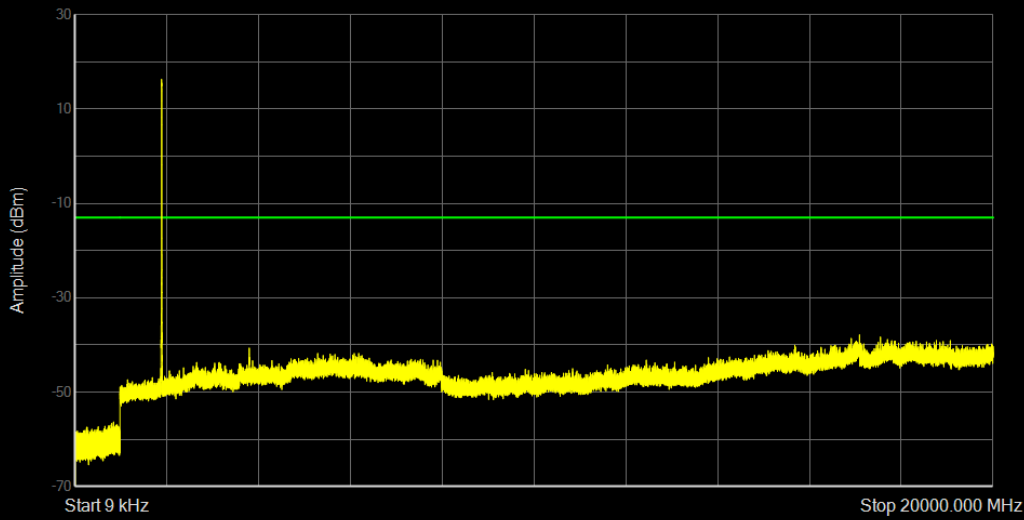
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009511125	-45	-13
2	0.15	30	10	0.15597	-45.92	-13
3	30	1000	100	929.65075	-56.29	-13
4	1000	20000	1000	18592.1	-38.96	-13

Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



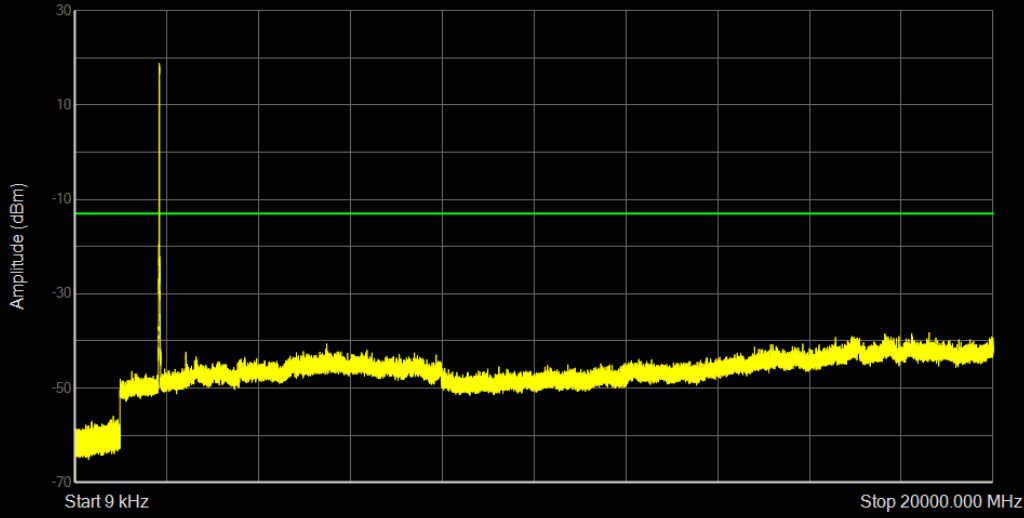
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00906345	-44.17	-13
2	0.15	30	10	0.15	-47.77	-13
3	30	1000	100	975.8955	-56.36	-13
4	1000	20000	1000	19874.125	-37.75	-13

Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



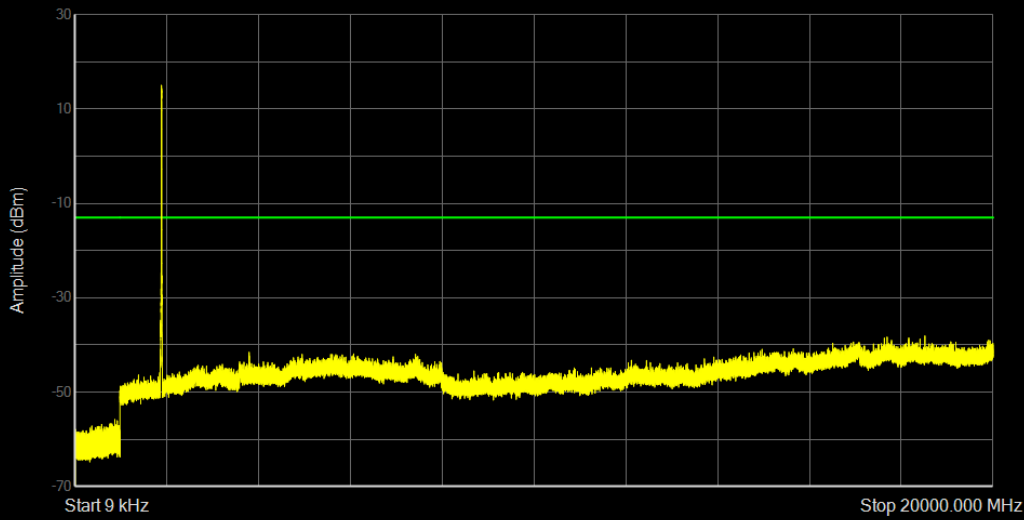
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009990525	-44.55	-13
2	0.15	30	10	0.17388	-45.12	-13
3	30	1000	100	859.81075	-56.32	-13
4	1000	20000	1000	17092.05	-37.86	-13

Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



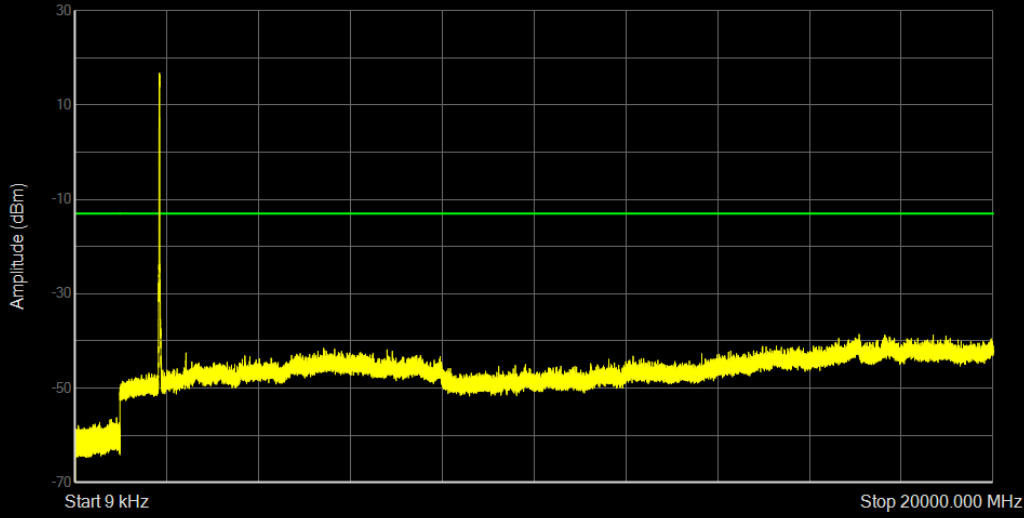
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011985675	-45.15	-13
2	0.15	30	10	0.15	-45.75	-13
3	30	1000	100	855.59125	-55.98	-13
4	1000	20000	1000	18607.775	-38.24	-13

Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



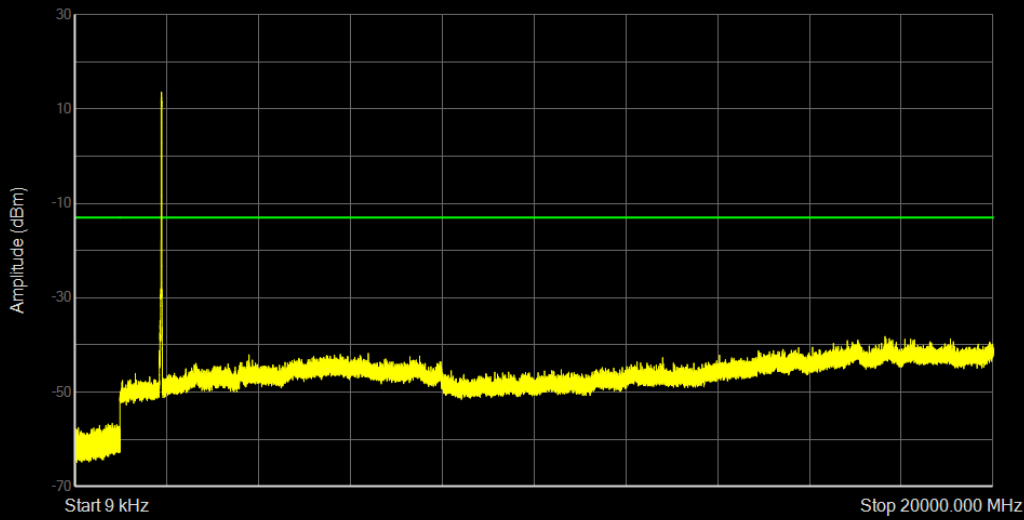
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091551	-43.89	-13
2	0.15	30	10	0.17388	-46.57	-13
3	30	1000	100	886.43725	-55.8	-13
4	1000	20000	1000	18516.575	-38.08	-13

Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



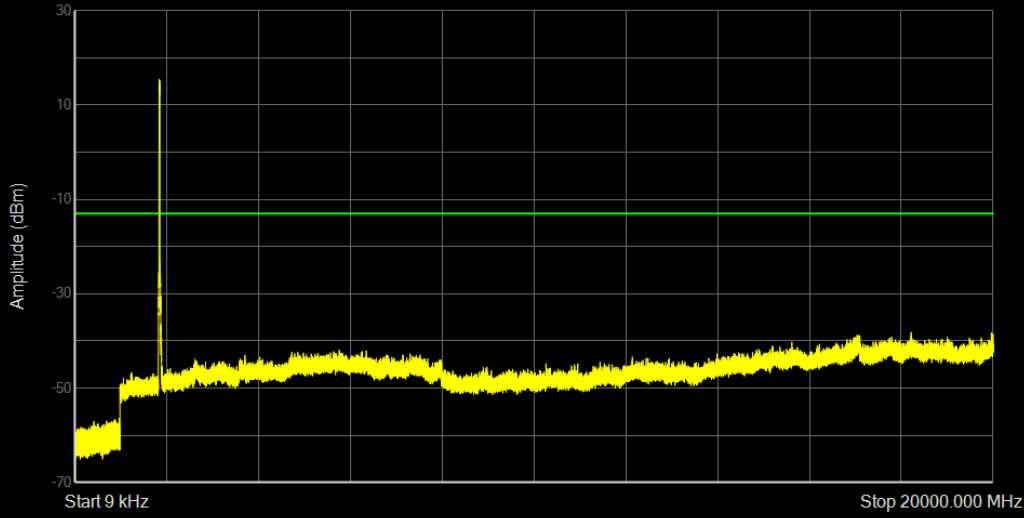
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00954285	-43.4	-13
2	0.15	30	10	0.152985	-45.97	-13
3	30	1000	100	925.18875	-56.26	-13
4	1000	20000	1000	17085.4	-38.6	-13

Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



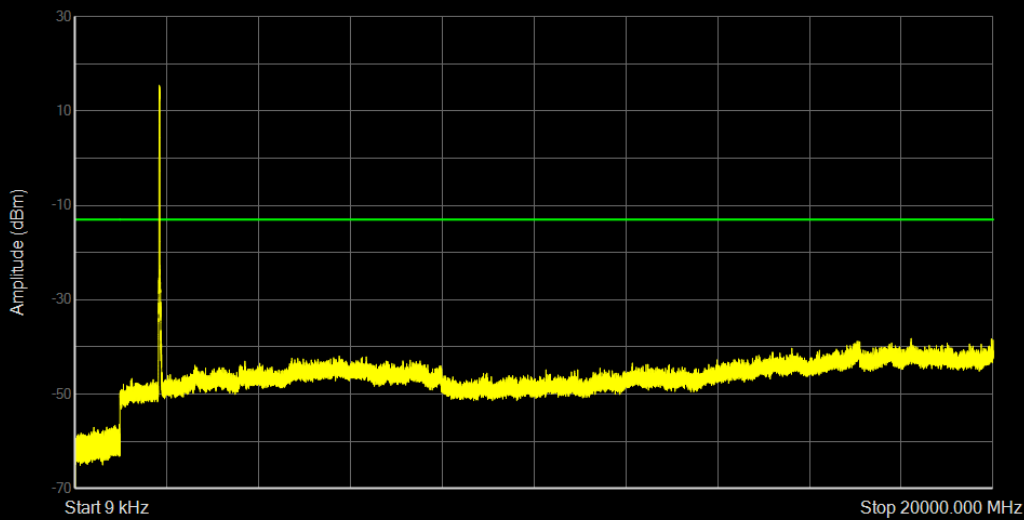
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00947235	-44.62	-13
2	0.15	30	10	0.15597	-45.31	-13
3	30	1000	100	832.5295	-56.62	-13
4	1000	20000	1000	17648.75	-38.2	-13

Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



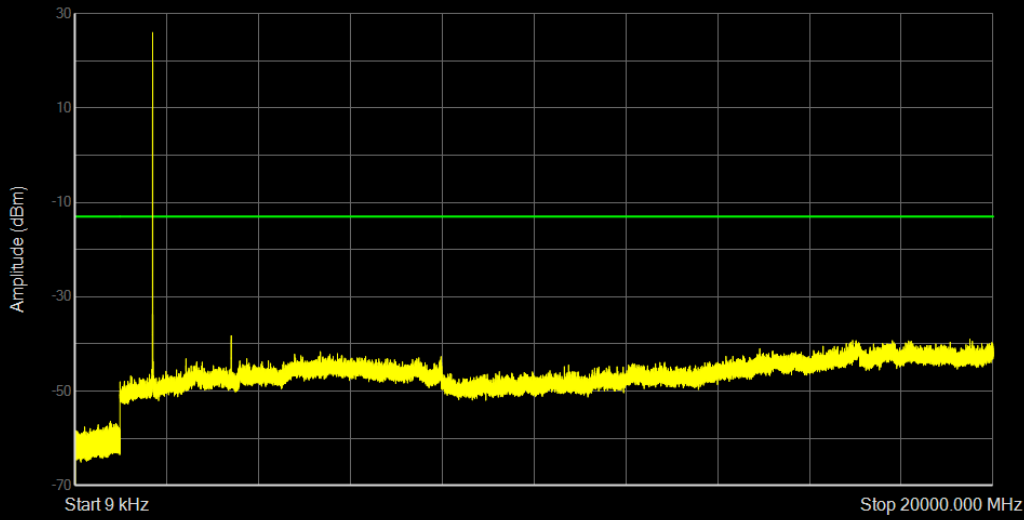
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.41	-13
2	0.15	30	10	0.17985	-45.87	-13
3	30	1000	100	981.2305	-56.43	-13
4	1000	20000	1000	18216.375	-38.22	-13

Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



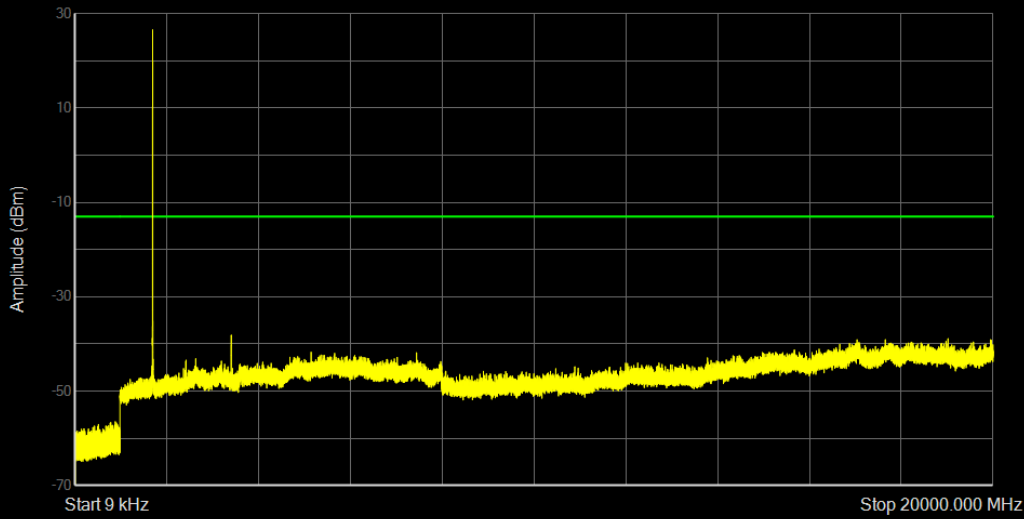
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.41	-13
2	0.15	30	10	0.17985	-45.87	-13
3	30	1000	100	981.2305	-56.43	-13
4	1000	20000	1000	18216.375	-38.22	-13

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



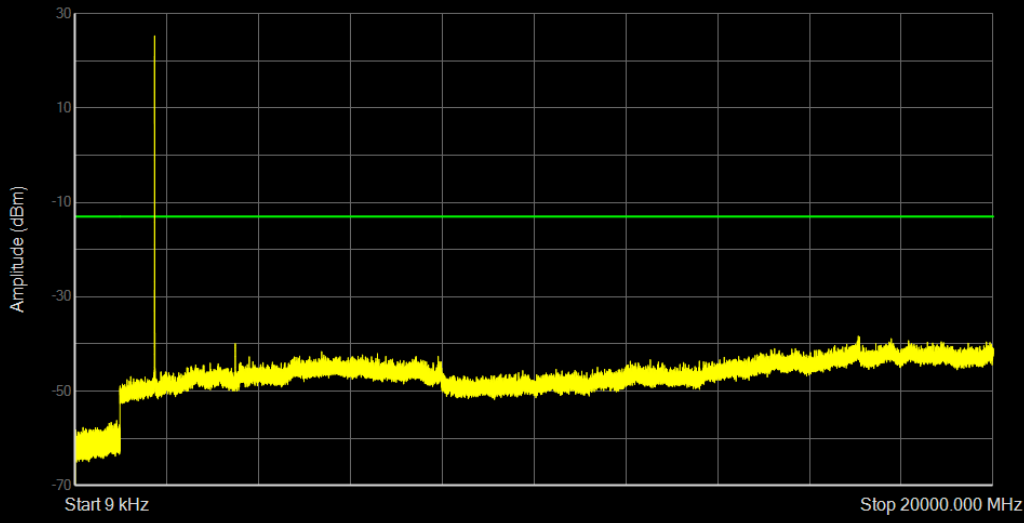
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00917625	-45.09	-13
2	0.15	30	10	0.1514925	-45.28	-13
3	30	1000	100	793.89925	-56.4	-13
4	1000	20000	1000	3422.025	-38.27	-13

Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



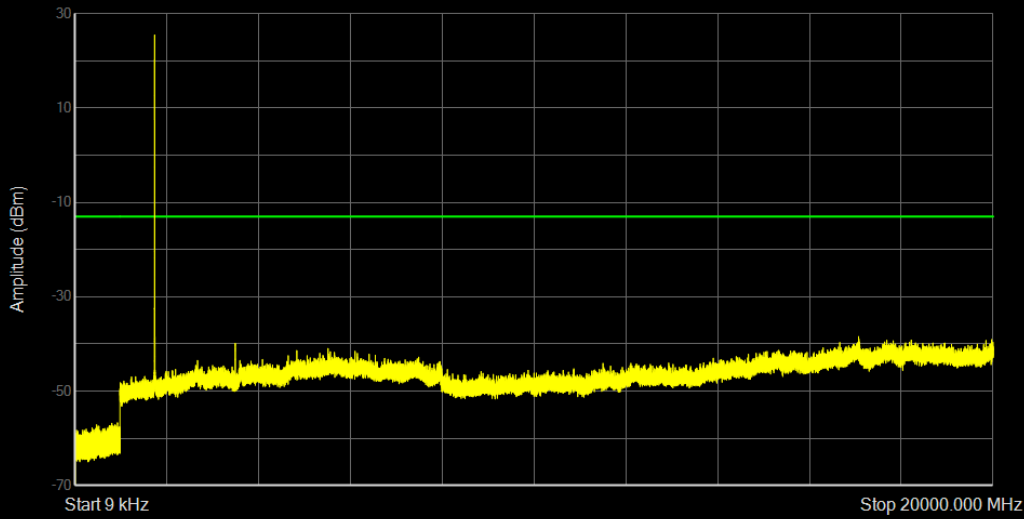
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00951465	-44.15	-13
2	0.15	30	10	0.15074625	-46.74	-13
3	30	1000	100	898.829	-56.47	-13
4	1000	20000	1000	3421.55	-38.14	-13

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



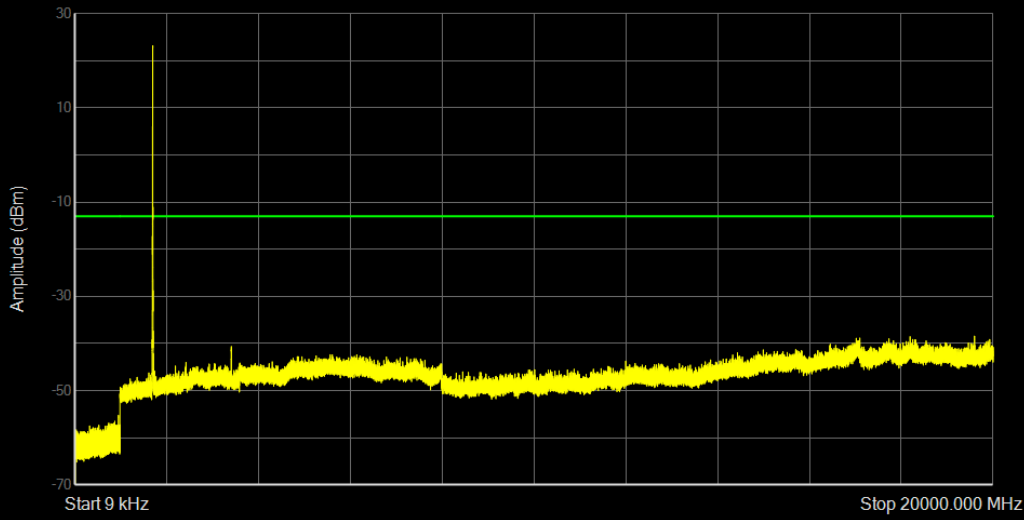
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009934125	-44.95	-13
2	0.15	30	10	0.15	-46.72	-13
3	30	1000	100	927.3955	-56.25	-13
4	1000	20000	1000	17065.925	-38.36	-13

Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



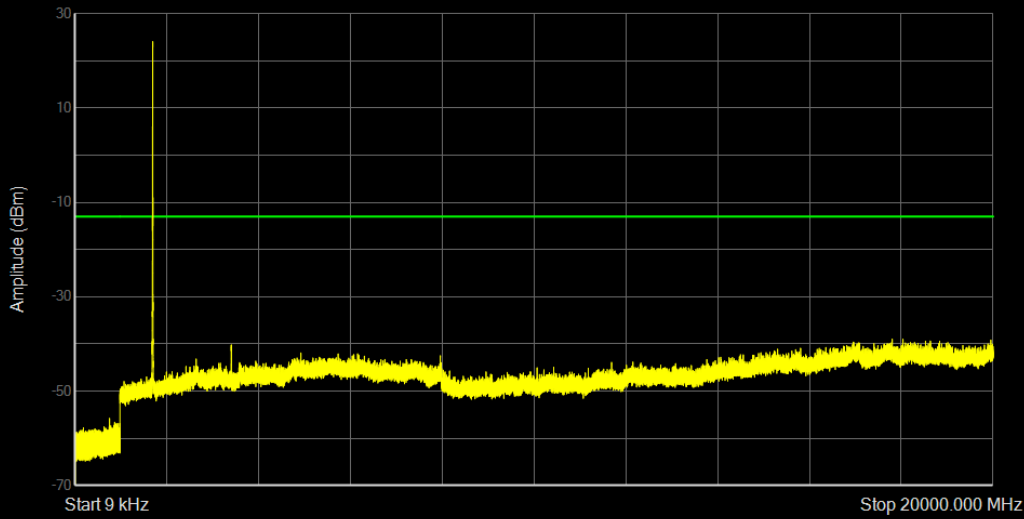
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011118525	-43.86	-13
2	0.15	30	10	0.15	-47.34	-13
3	30	1000	100	946.18925	-56.7	-13
4	1000	20000	1000	17072.1	-38.43	-13

Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



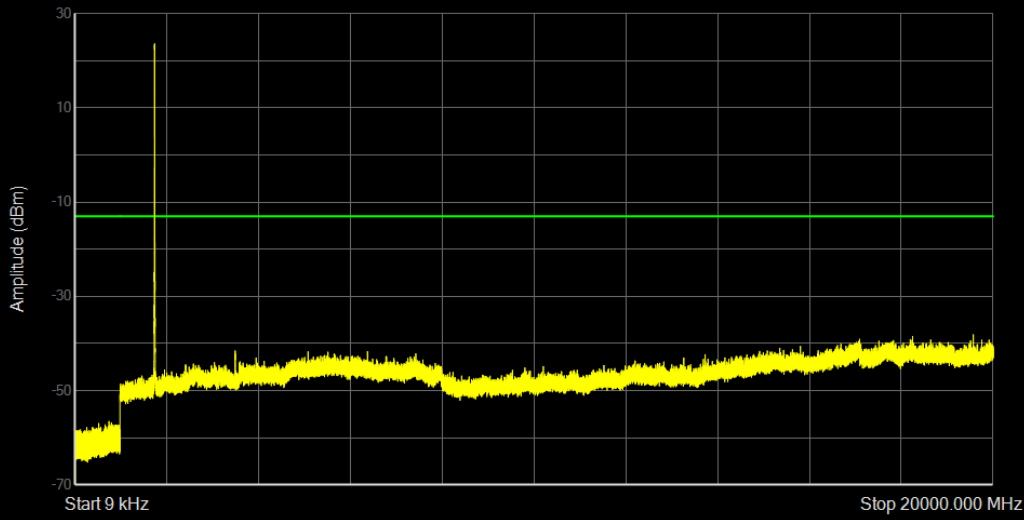
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01095285	-45.12	-13
2	0.15	30	10	0.15074625	-45.92	-13
3	30	1000	100	967.33525	-55.23	-13
4	1000	20000	1000	19595.3	-38.43	-13

Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



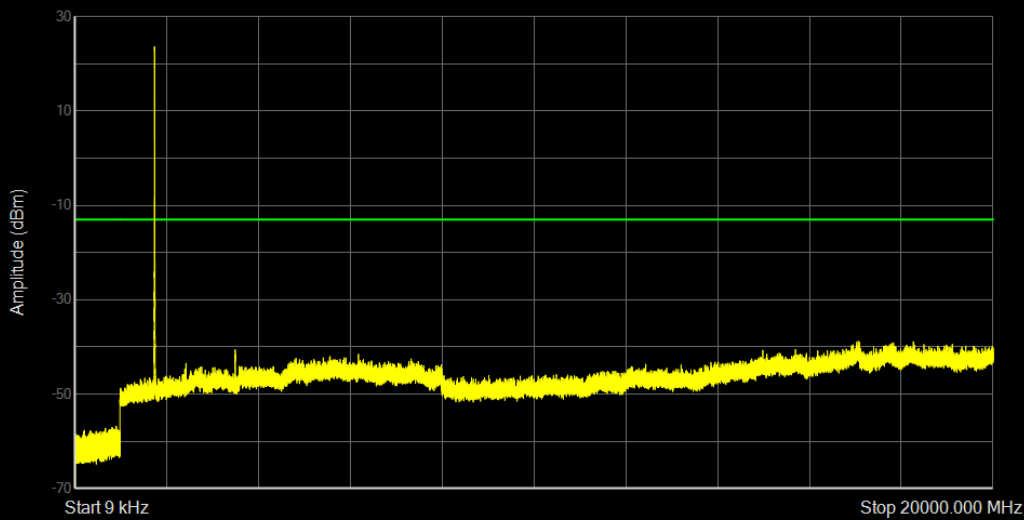
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093666	-45.39	-13
2	0.15	30	10	0.15074625	-44.67	-13
3	30	1000	100	772.51075	-55.8	-13
4	1000	20000	1000	17803.125	-38.97	-13

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



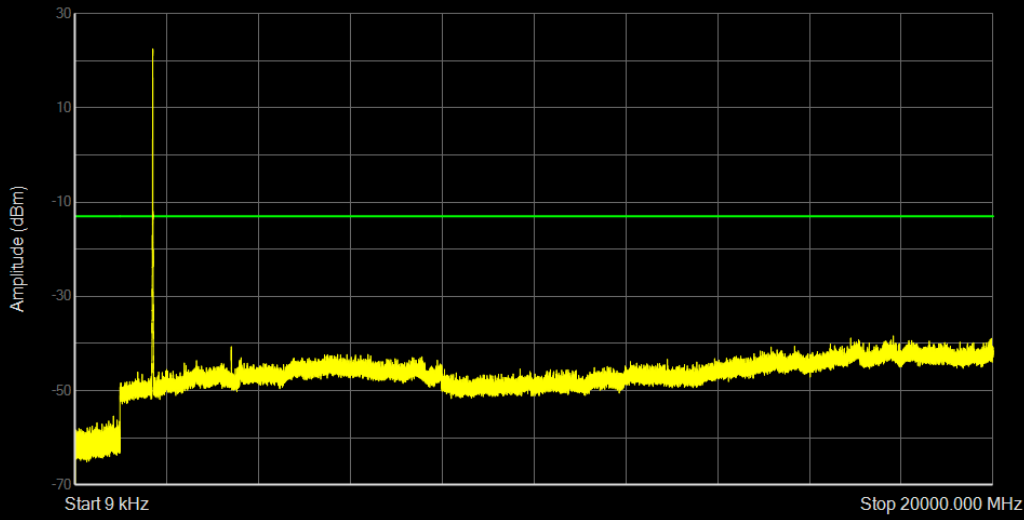
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.3	-13
2	0.15	30	10	0.15074625	-44.22	-13
3	30	1000	100	762.447	-56.55	-13
4	1000	20000	1000	19568.7	-38.12	-13

Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



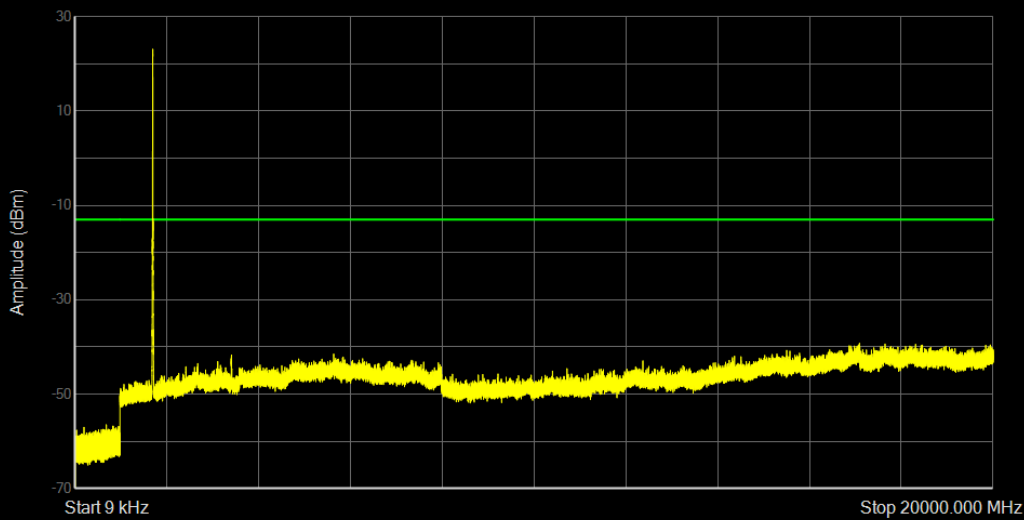
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011407575	-44.15	-13
2	0.15	30	10	0.164925	-45.84	-13
3	30	1000	100	919.75675	-56.77	-13
4	1000	20000	1000	17062.6	-38.78	-13

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



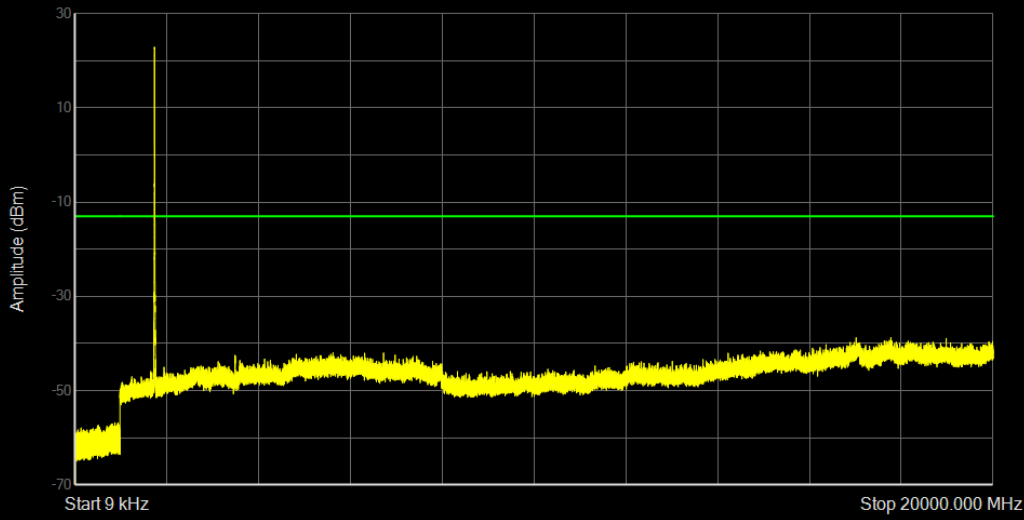
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.97	-13
2	0.15	30	10	0.15373125	-45.92	-13
3	30	1000	100	858.477	-55.4	-13
4	1000	20000	1000	17828.3	-38.38	-13

Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



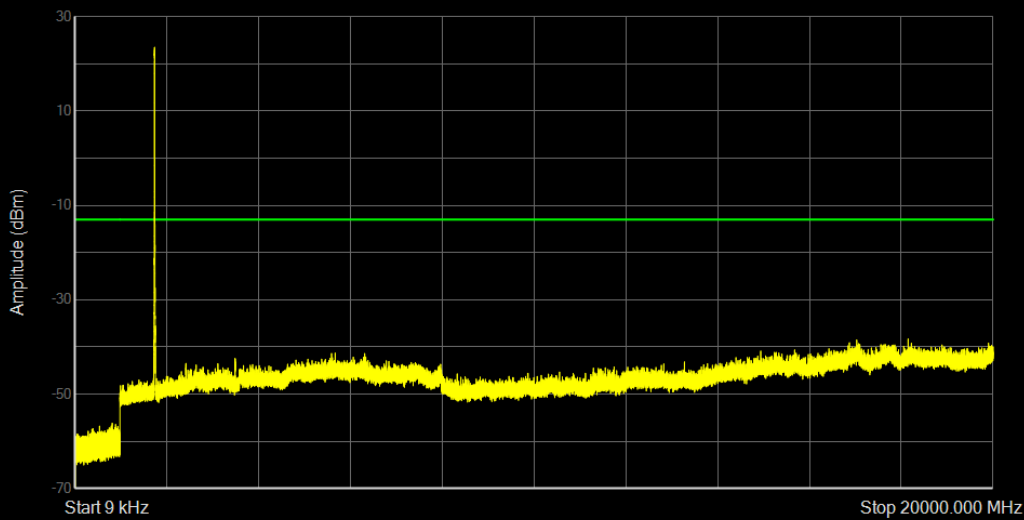
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01005045	-45.29	-13
2	0.15	30	10	0.17611875	-47.37	-13
3	30	1000	100	701.5795	-56.51	-13
4	1000	20000	1000	17092.05	-39.2	-13

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



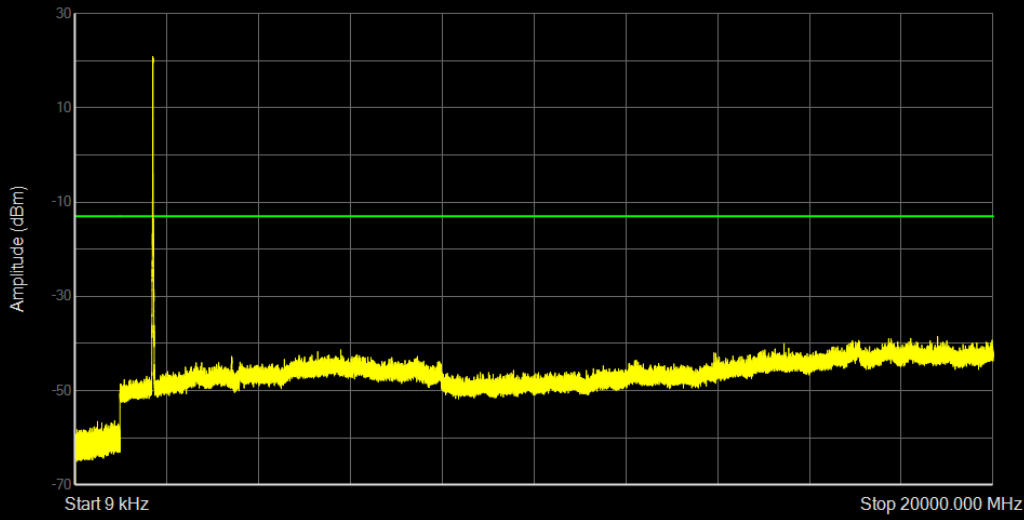
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0112137	-44.32	-13
2	0.15	30	10	0.16194	-45.89	-13
3	30	1000	100	889.49275	-56.8	-13
4	1000	20000	1000	17776.05	-38.75	-13

Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



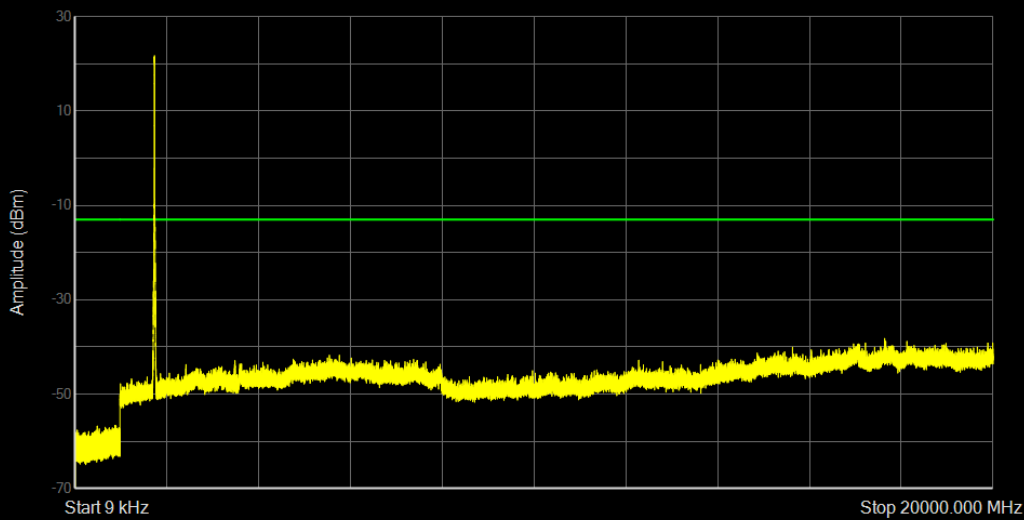
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00954285	-43.32	-13
2	0.15	30	10	0.164925	-47.61	-13
3	30	1000	100	831.996	-56.14	-13
4	1000	20000	1000	18152.25	-38.3	-13

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



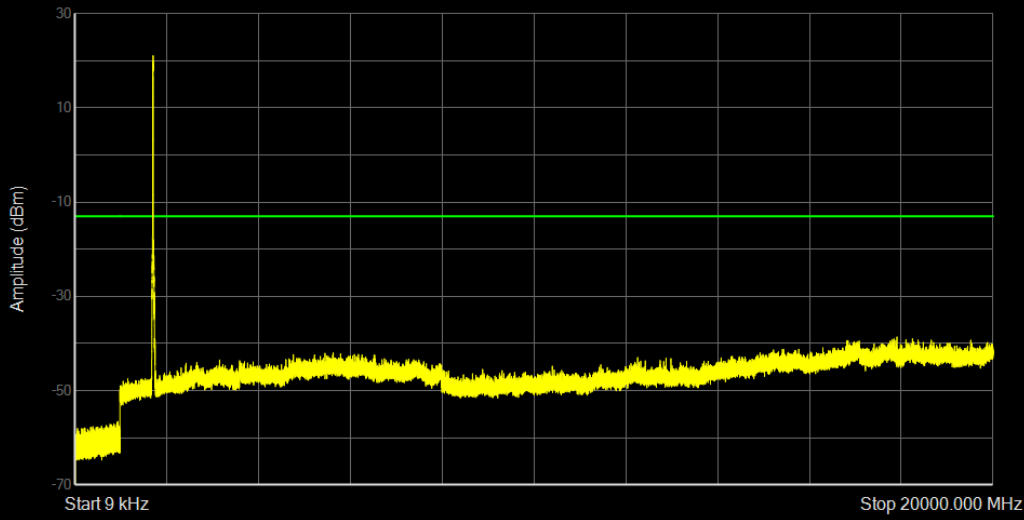
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.37	-13
2	0.15	30	10	0.15	-46.43	-13
3	30	1000	100	883.28475	-56.39	-13
4	1000	20000	1000	18793.5	-38.52	-13

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



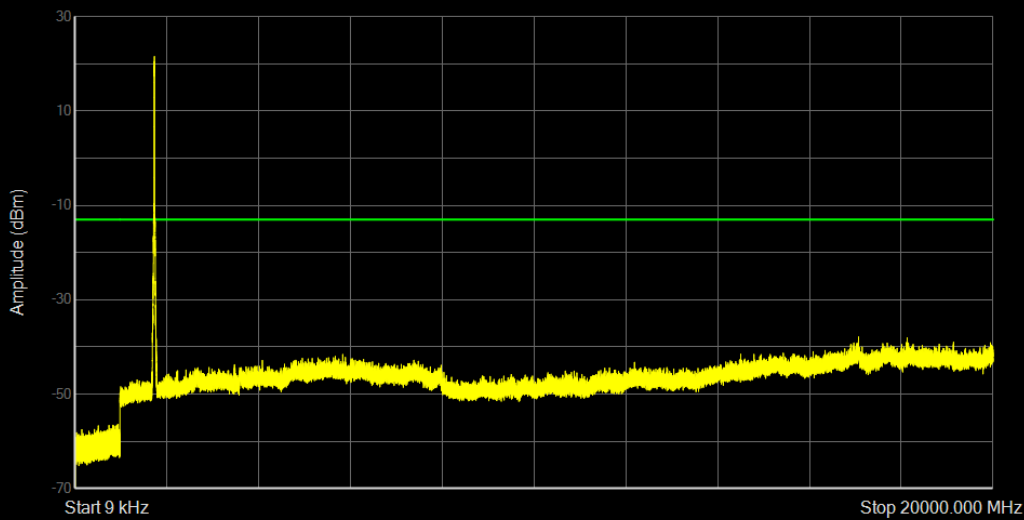
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095076	-45.15	-13
2	0.15	30	10	0.1514925	-46.21	-13
3	30	1000	100	889.6625	-56.6	-13
4	1000	20000	1000	17640.2	-38.2	-13

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



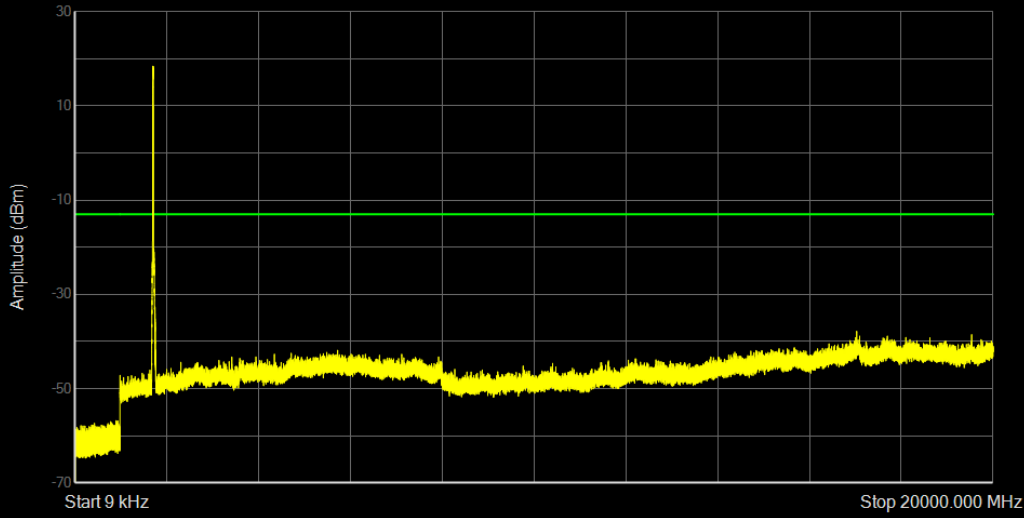
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009440625	-44.85	-13
2	0.15	30	10	0.152985	-46.01	-13
3	30	1000	100	952.2275	-56.54	-13
4	1000	20000	1000	17907.625	-38.62	-13

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



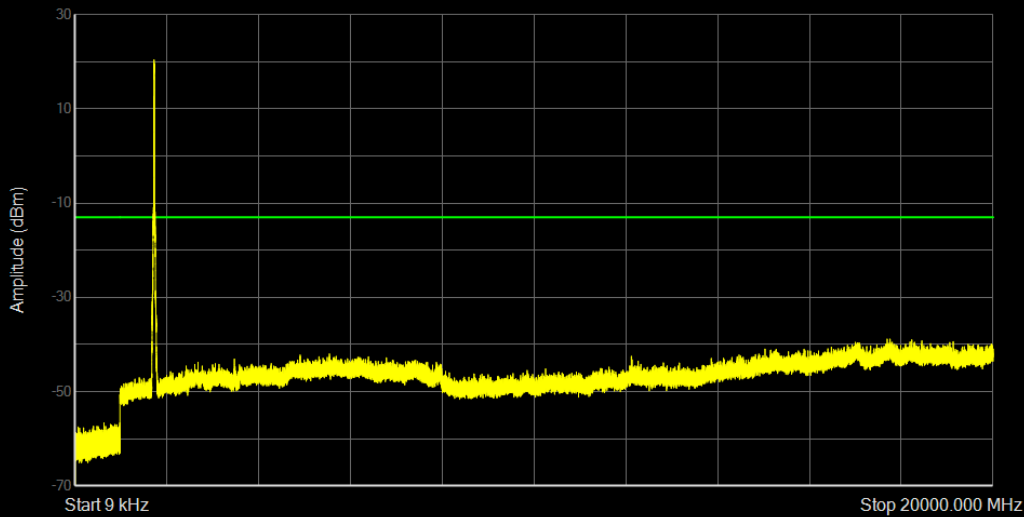
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.64	-13
2	0.15	30	10	0.152985	-47.97	-13
3	30	1000	100	960.133	-56.37	-13
4	1000	20000	1000	17071.15	-37.87	-13

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



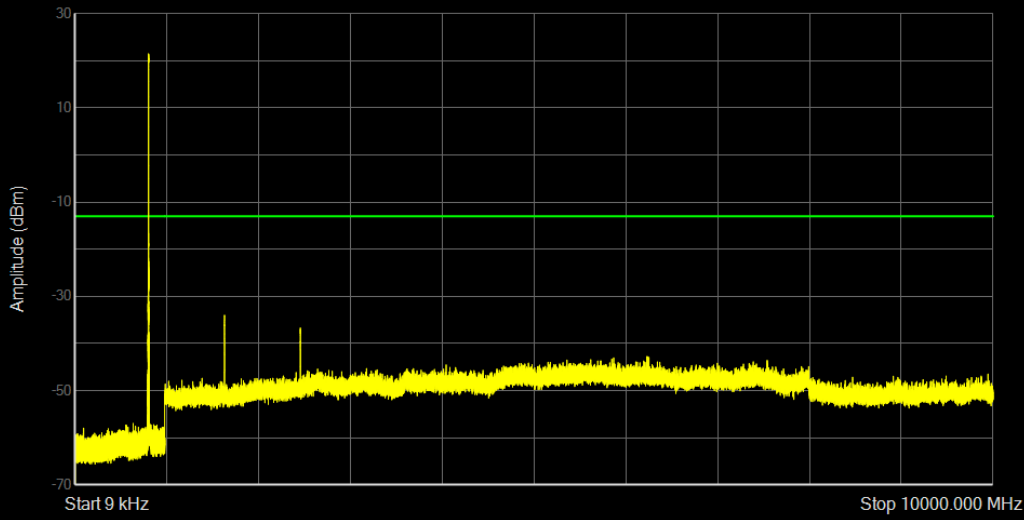
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009010575	-45.19	-13
2	0.15	30	10	0.1544775	-46.49	-13
3	30	1000	100	919.22325	-56.8	-13
4	1000	20000	1000	17031.25	-37.83	-13

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



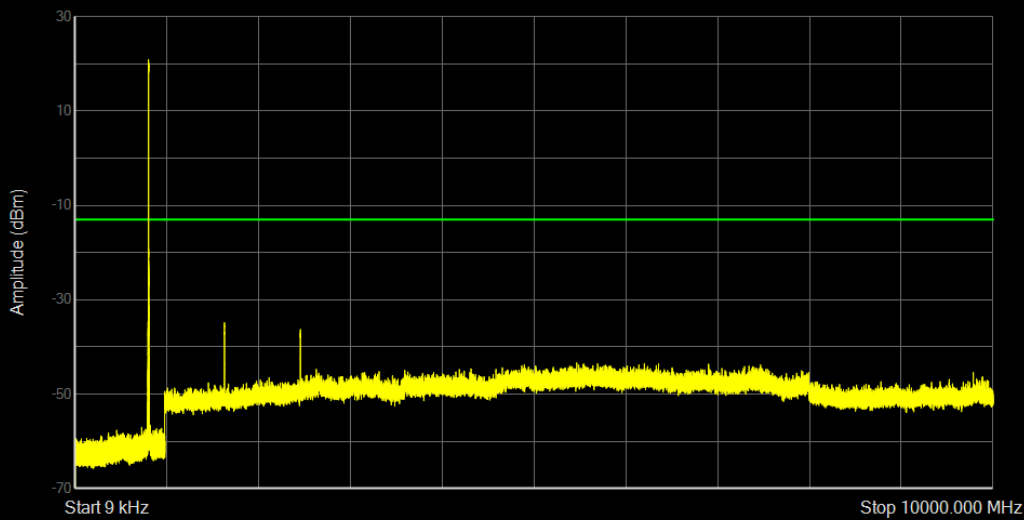
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100293	-43.99	-13
2	0.15	30	10	0.16194	-46.58	-13
3	30	1000	100	651.79425	-56.6	-13
4	1000	20000	1000	17694.35	-38.84	-13

Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0



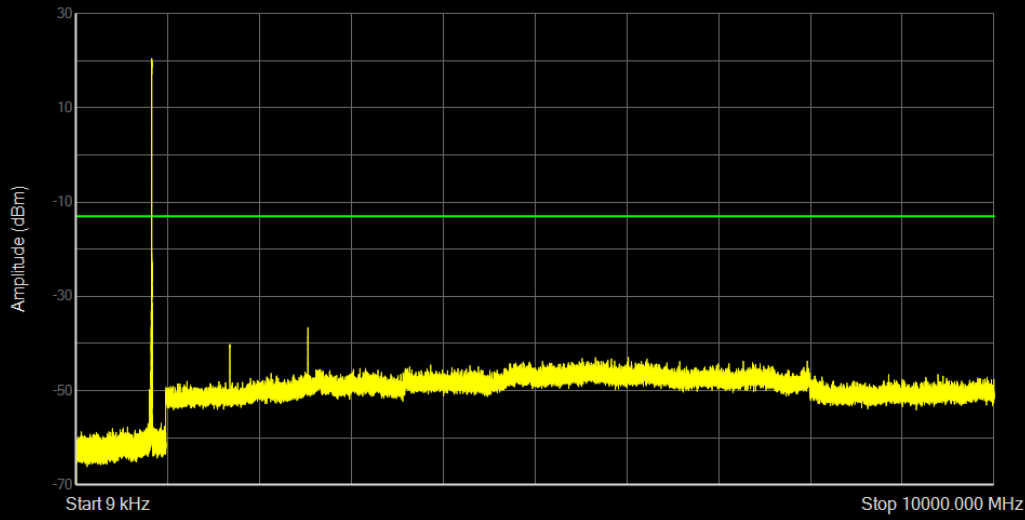
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0091128	-45.9	-13
2	0.15	30	10	0.15	-48.22	-13
3	30	1000	100	818.2705	-48.86	-13
4	1000	10000	1000	1649.575	-34.02	-13

Band5 QAM16 BW=1.4MHz Channel=20407 RB Size=6 Position=#0



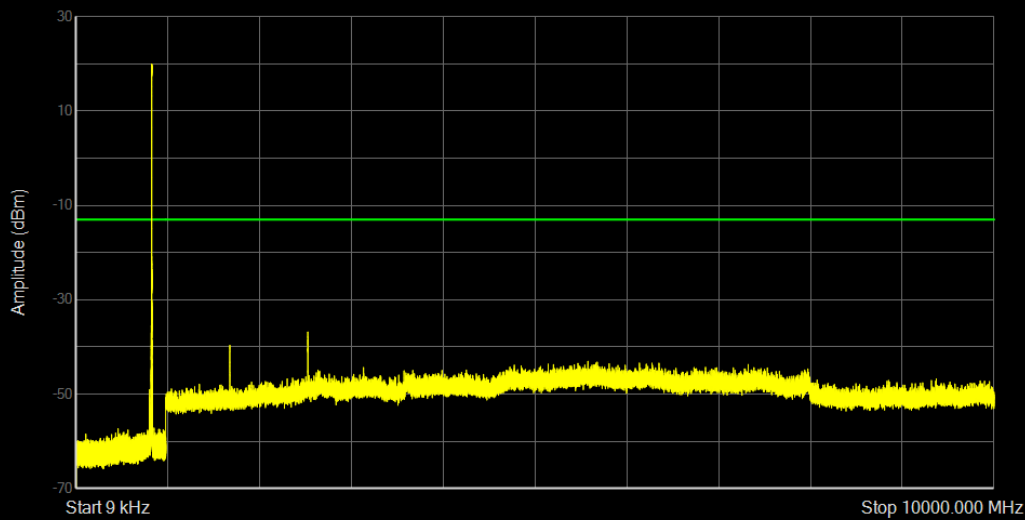
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009454725	-45.83	-13
2	0.15	30	10	0.170895	-46.75	-13
3	30	1000	100	818.19775	-53.5	-13
4	1000	10000	1000	1649.35	-34.85	-13

Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0



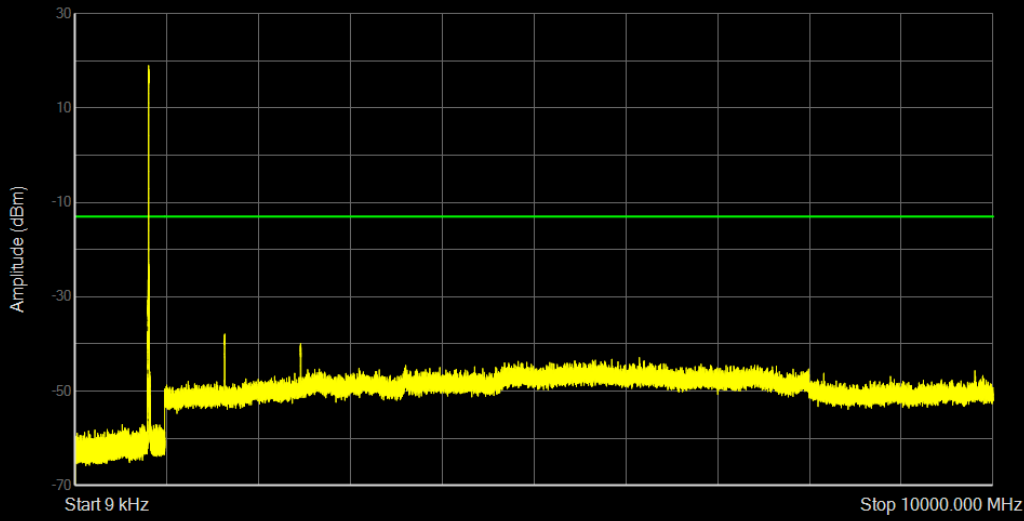
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011407575	-46.42	-13
2	0.15	30	10	0.15074625	-47.34	-13
3	30	1000	100	854.7425	-55.35	-13
4	1000	10000	1000	2545.3	-36.63	-13

Band5 QAM16 BW=1.4MHz Channel=20643 RB Size=6 Position=#0



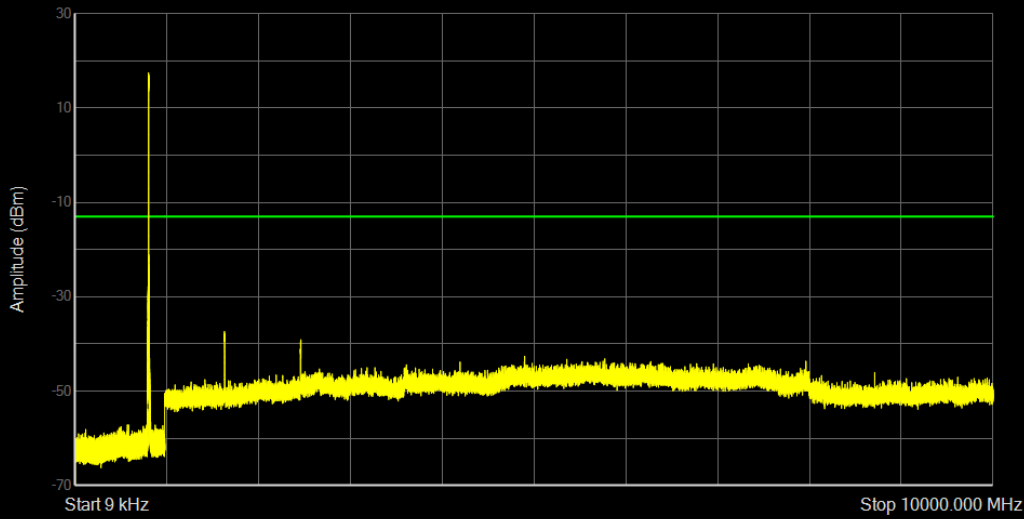
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.27	-13
2	0.15	30	10	0.15	-47.78	-13
3	30	1000	100	854.6455	-57.13	-13
4	1000	10000	1000	2544.4	-36.82	-13

Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010202025	-46.73	-13
2	0.15	30	10	0.15	-48.32	-13
3	30	1000	100	759.36725	-57.04	-13
4	1000	10000	1000	1652.725	-37.9	-13

Band5 QAM16 BW=3MHz Channel=20415 RB Size=15 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0095922	-44.76	-13
2	0.15	30	10	0.152985	-47.98	-13
3	30	1000	100	594.75825	-57.13	-13
4	1000	10000	1000	1649.35	-37.34	-13