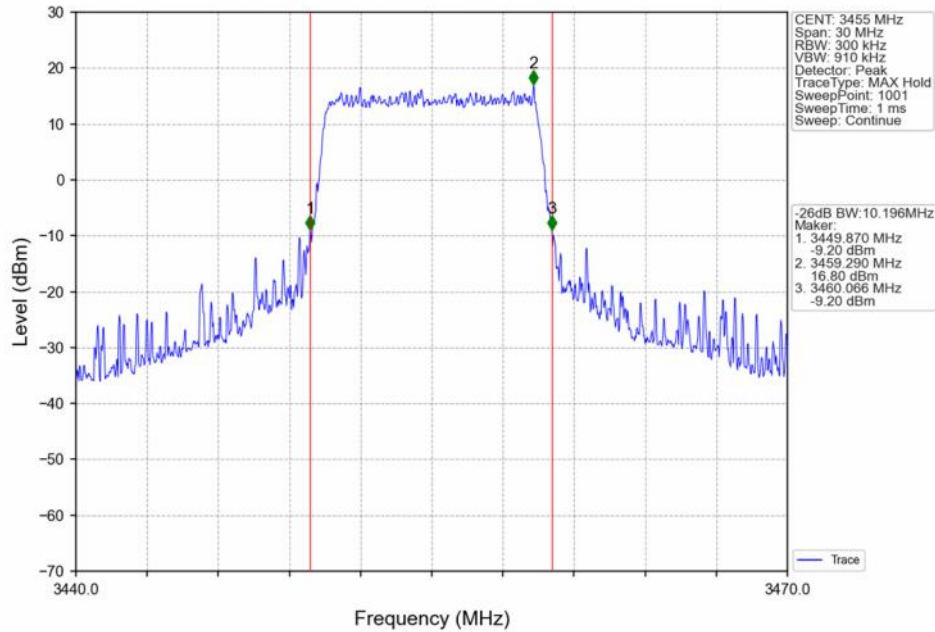


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Band42a_10MHz_64QAM_MCH_3500MHz_RB_50_0_NTNV



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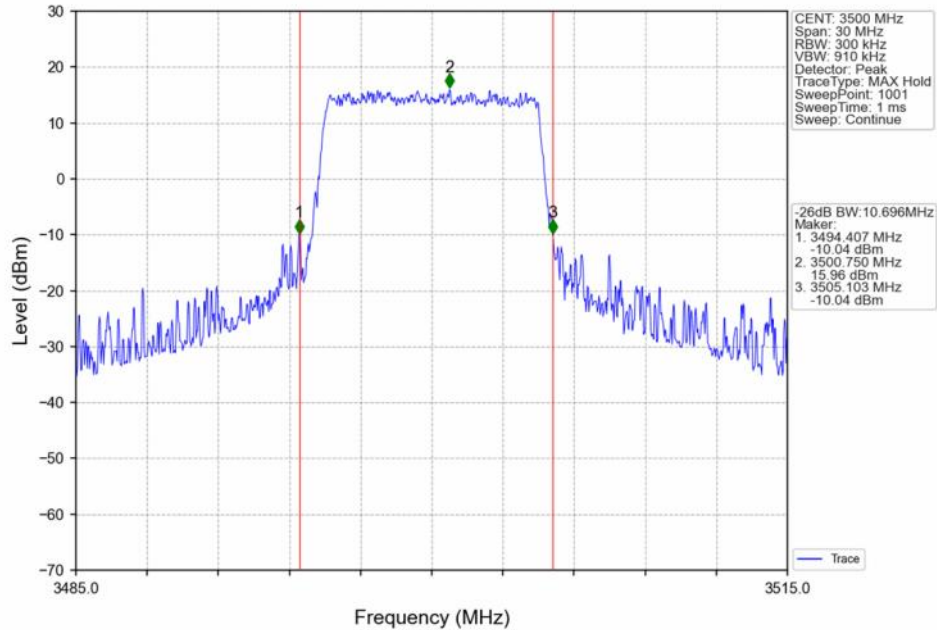
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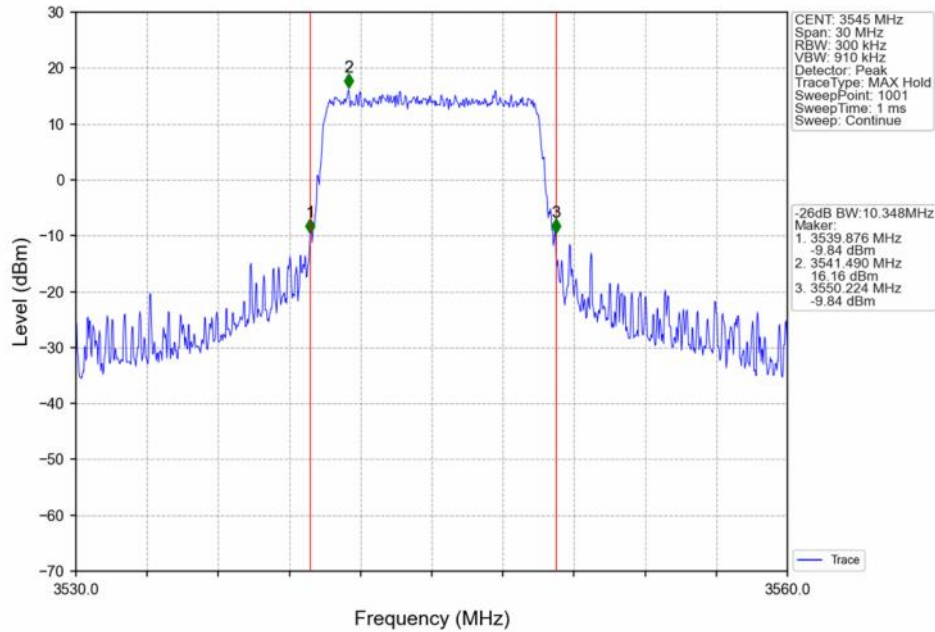
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Band42a_10MHz_256QAM_LCH_3455MHz_RB_50_0_NTNV



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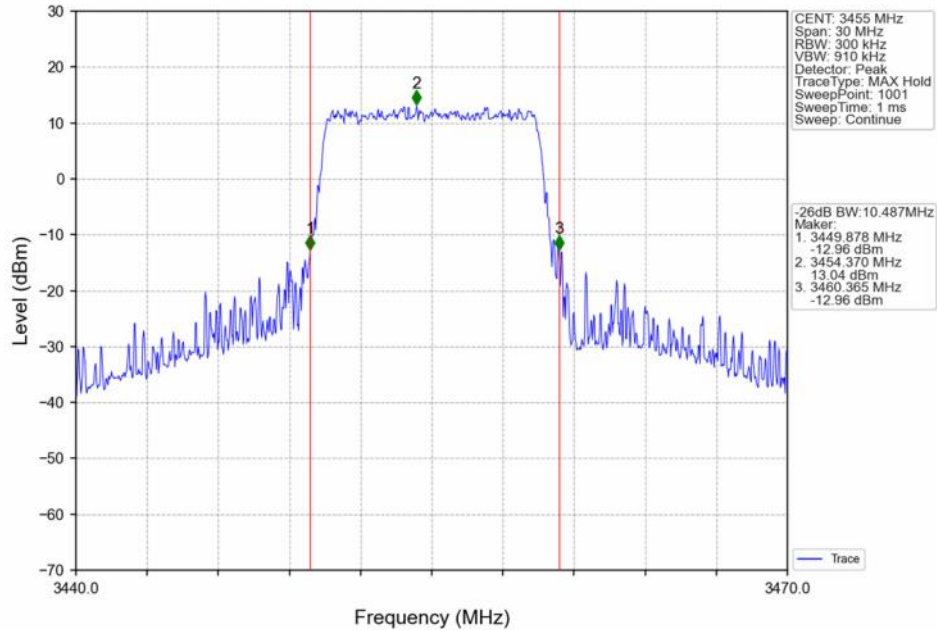
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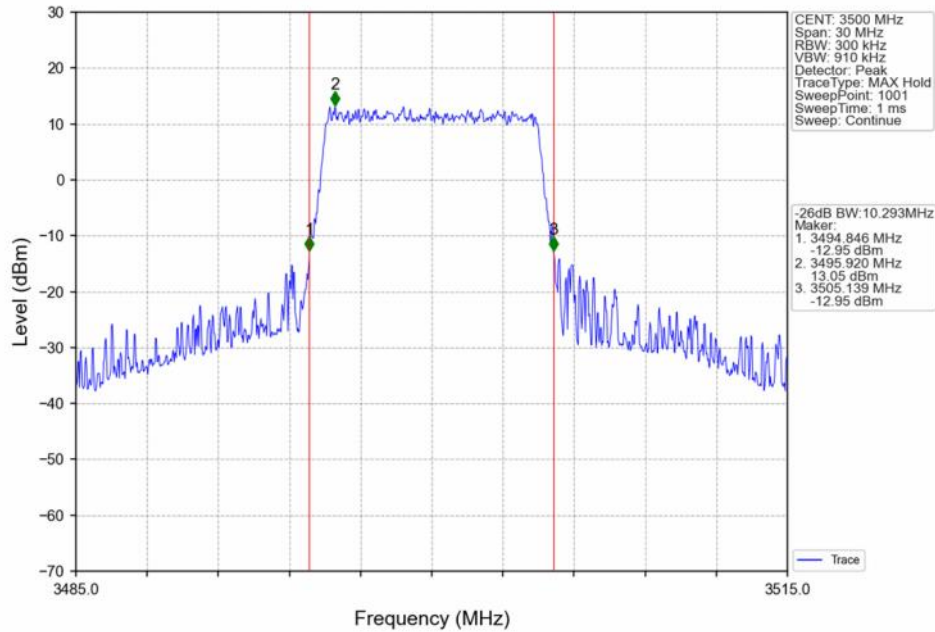
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Band42a_10MHz_256QAM_HCH_3545MHz_RB_50_0_NTNV



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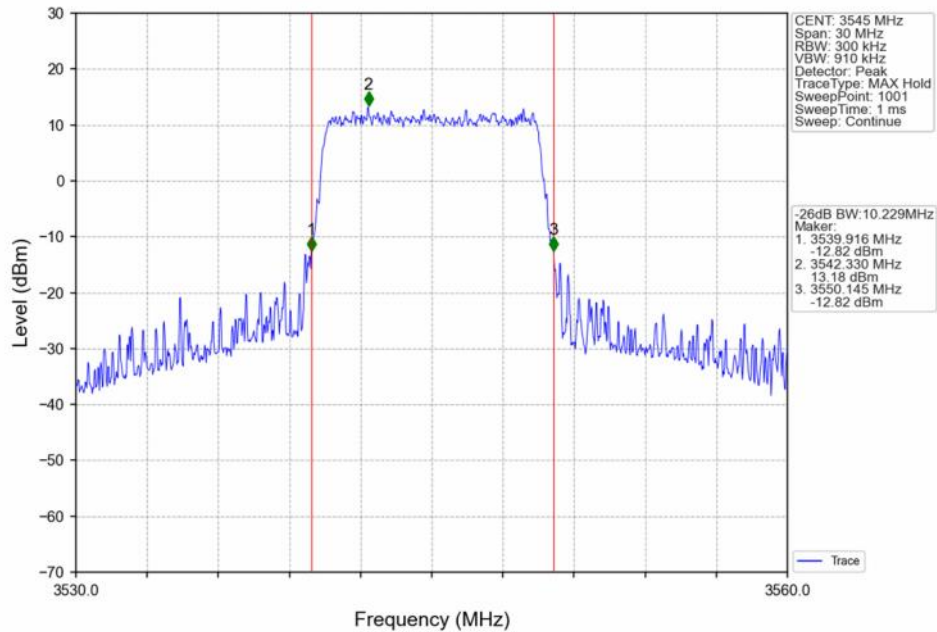
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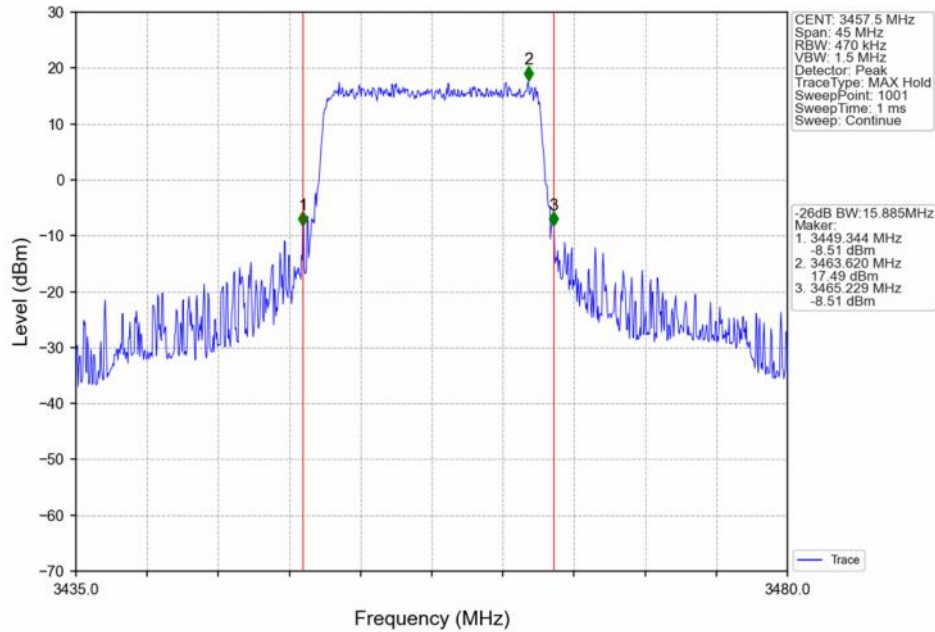
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Band42a_15MHz_QPSK_MCH_3500MHz_RB_75_0_NTNV



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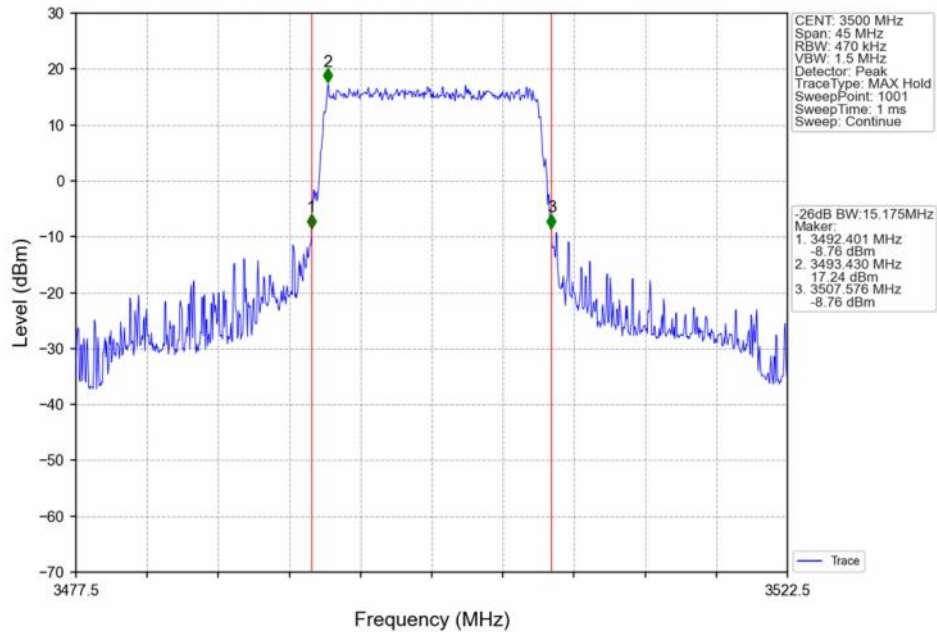
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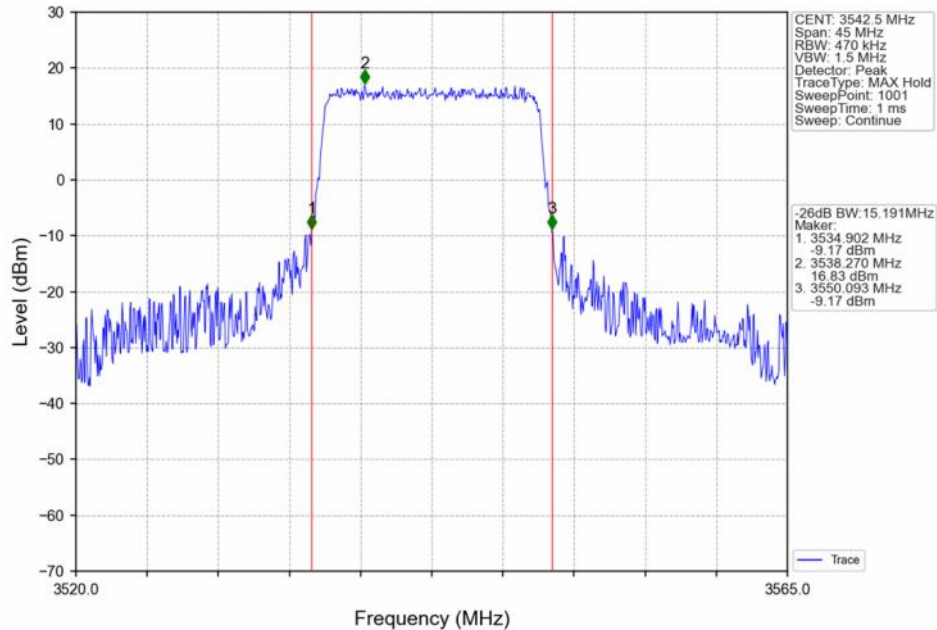
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Band42a_15MHz_16QAM_LCH_3457.5MHz_RB_75_0_NTNV



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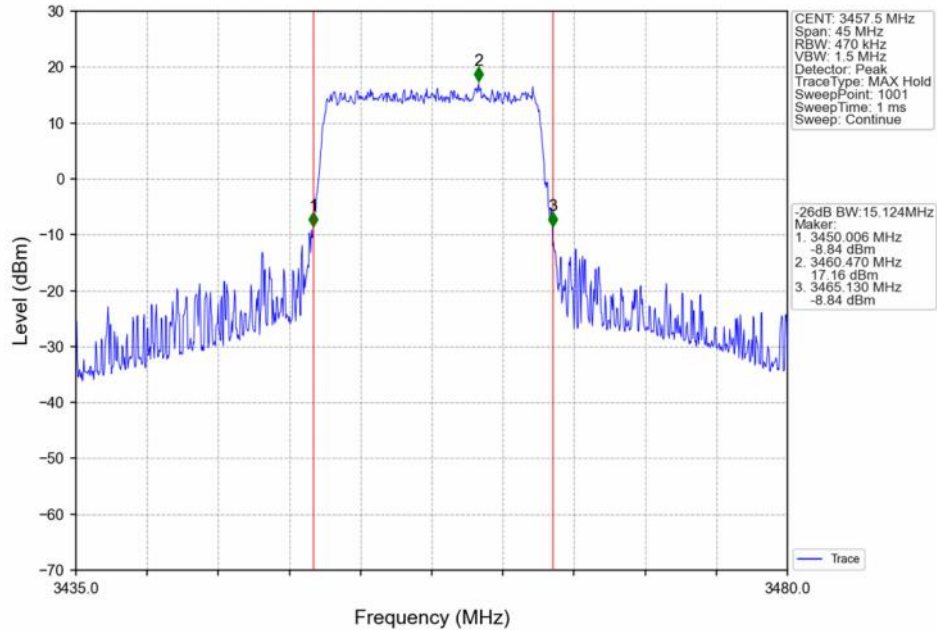
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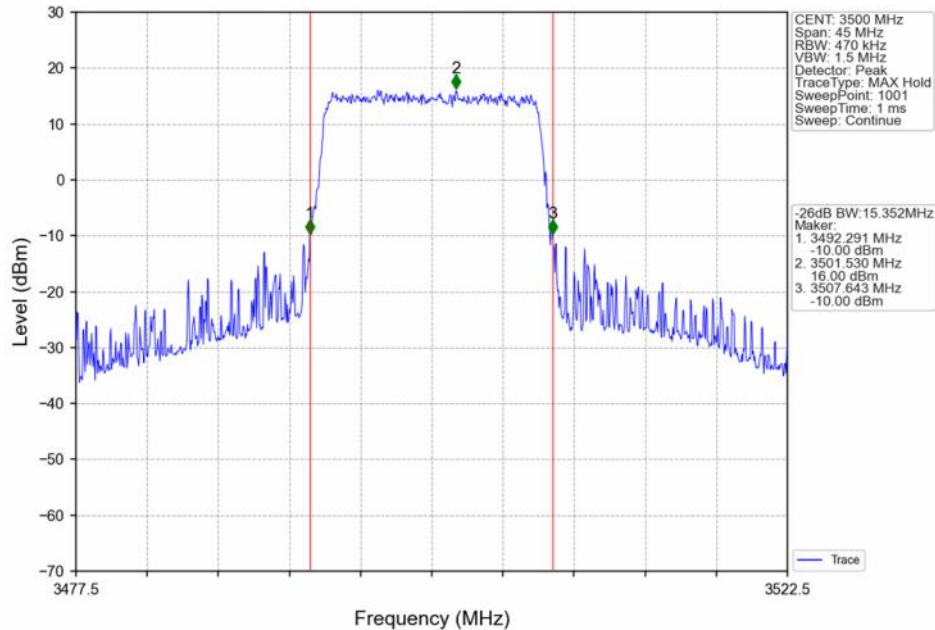
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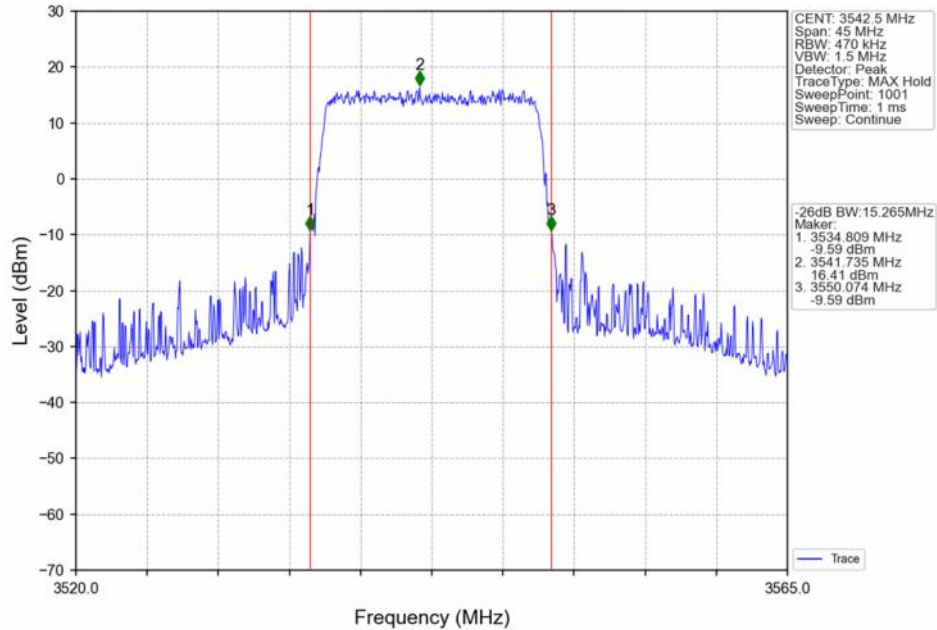
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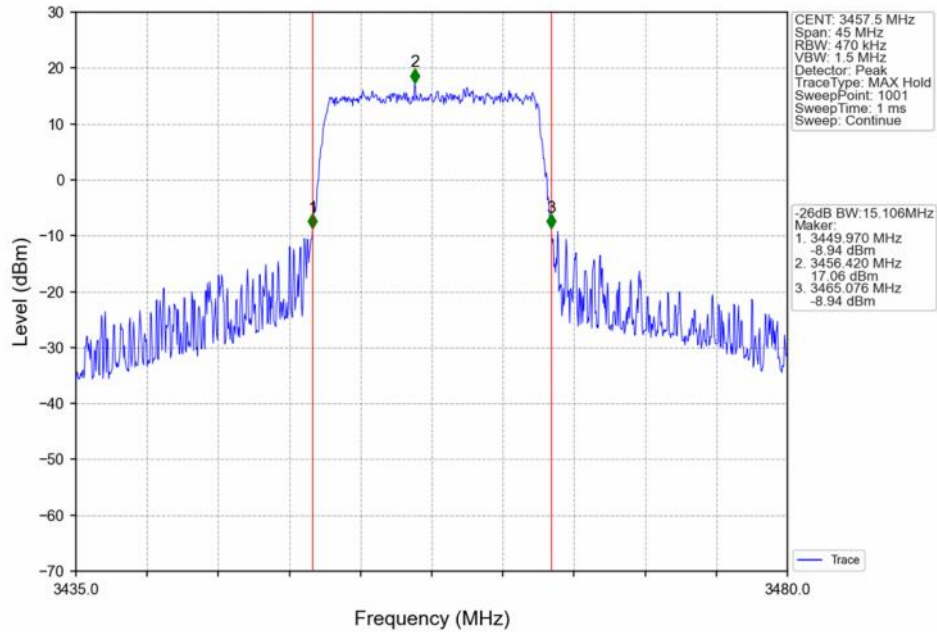
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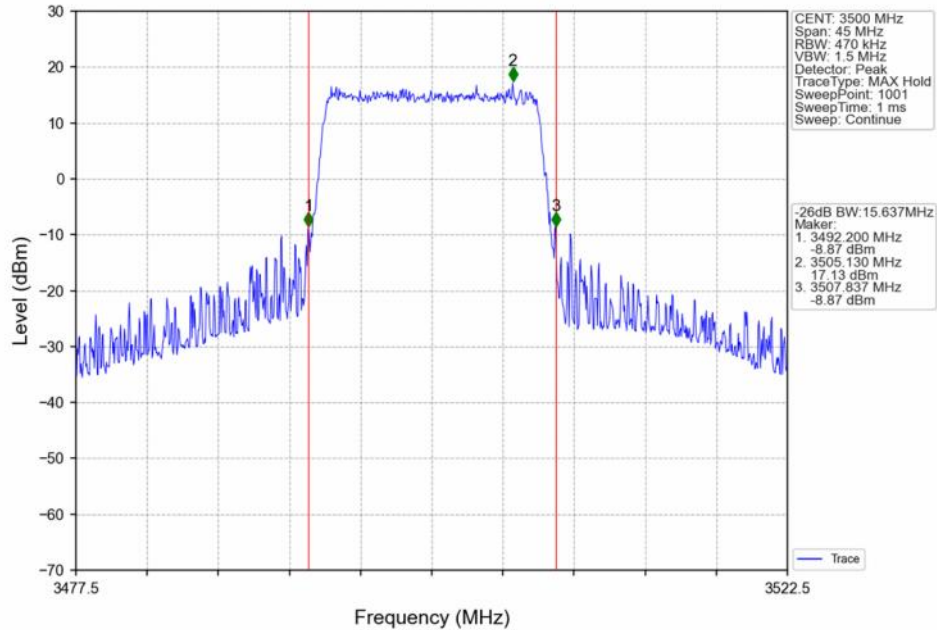
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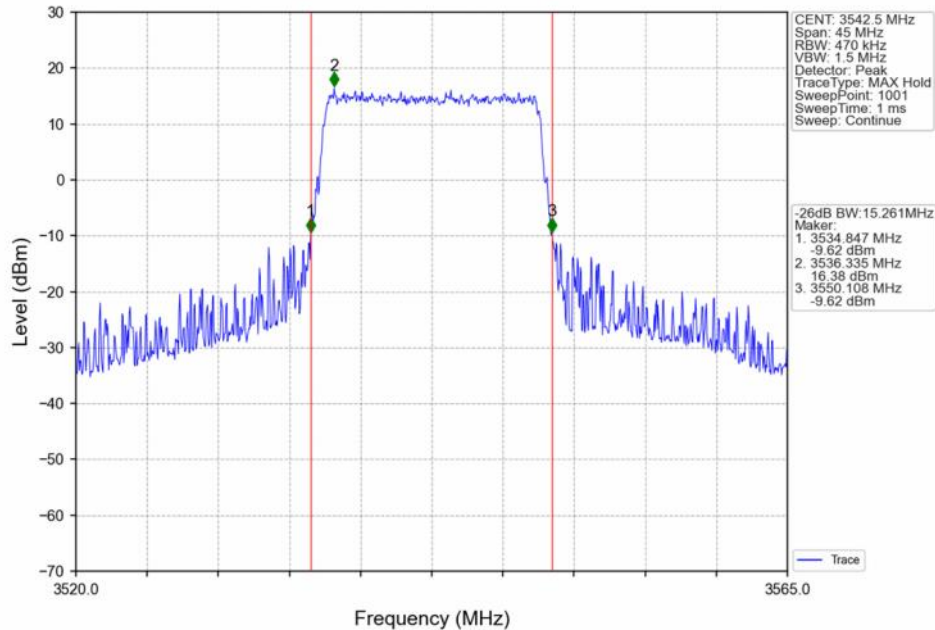
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Band42a_15MHz_64QAM_HCH_3542.5MHz_RB_75_0_NTNV



Band42a_15MHz_256QAM_LCH_3457.5MHz_RB_75_0_NTNV



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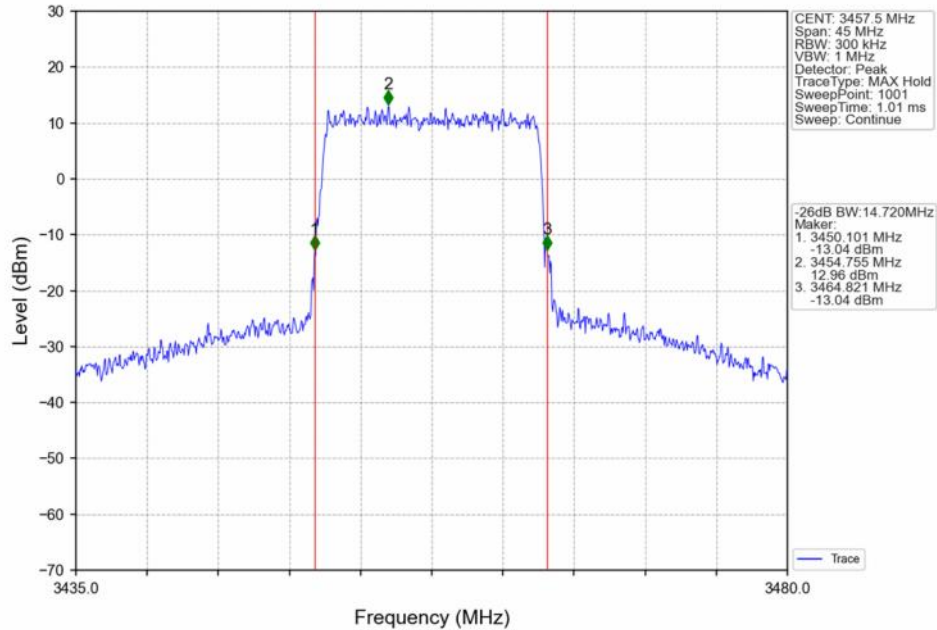
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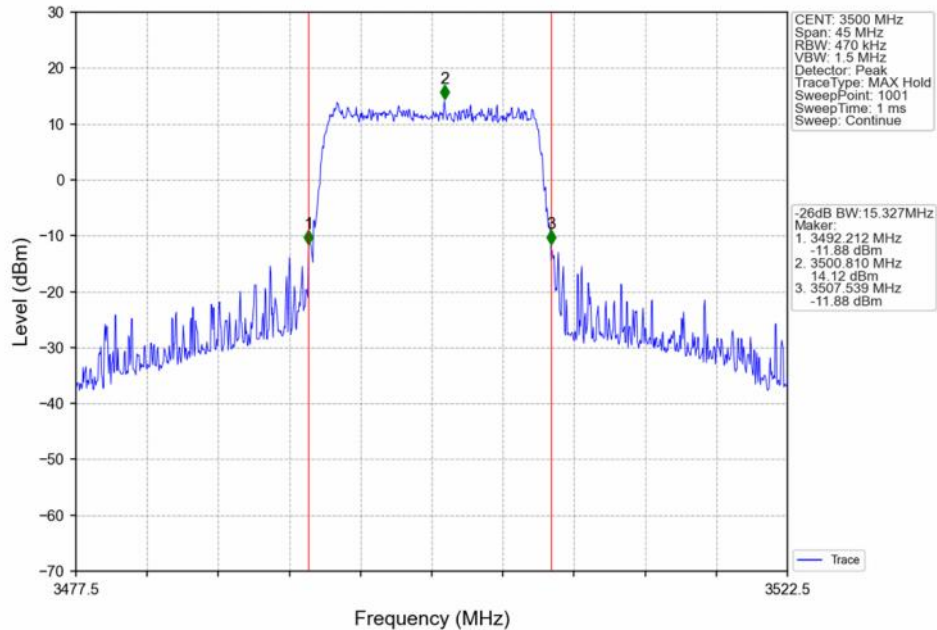
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Band42a_15MHz_256QAM_HCH_3542.5MHz_RB_75_0_NTNV



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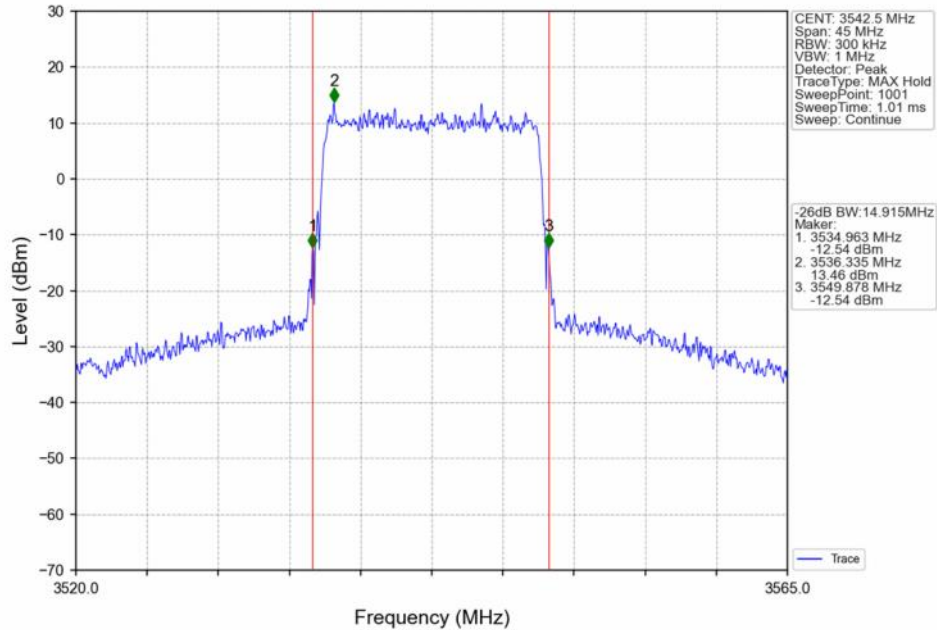
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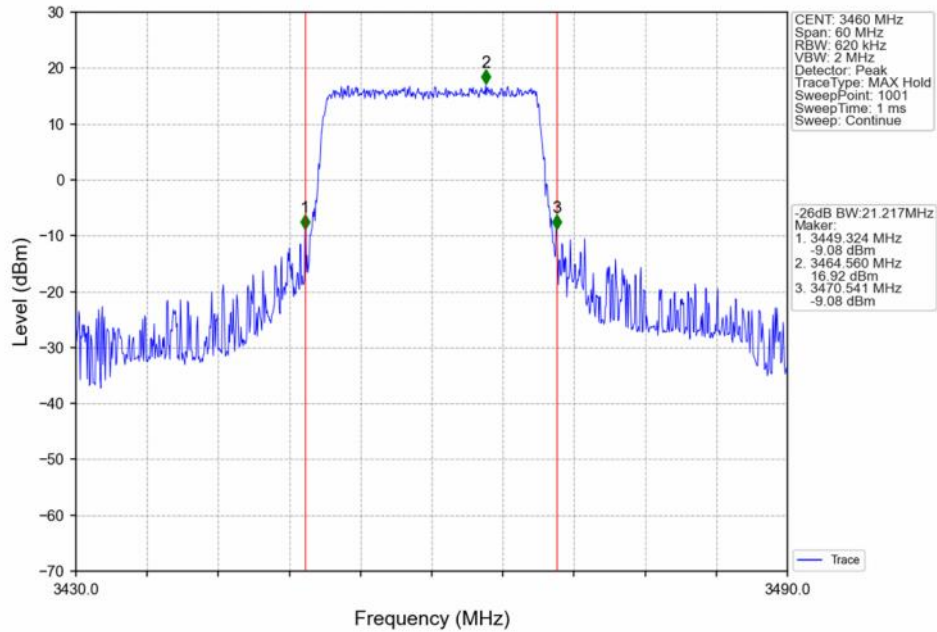
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Band42a_20MHz_QPSK_MCH_3500MHz_RB_100_0_NTNV



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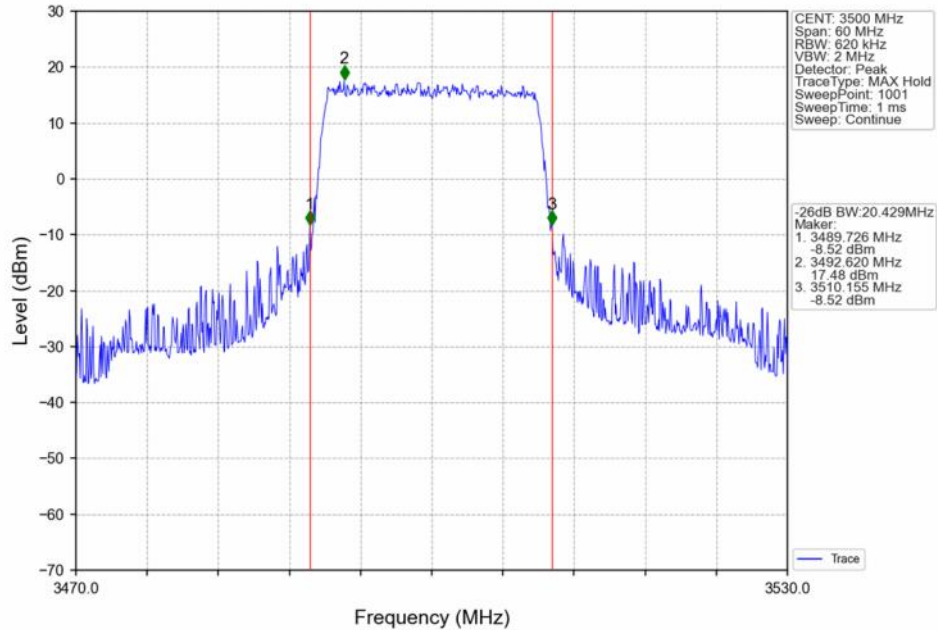
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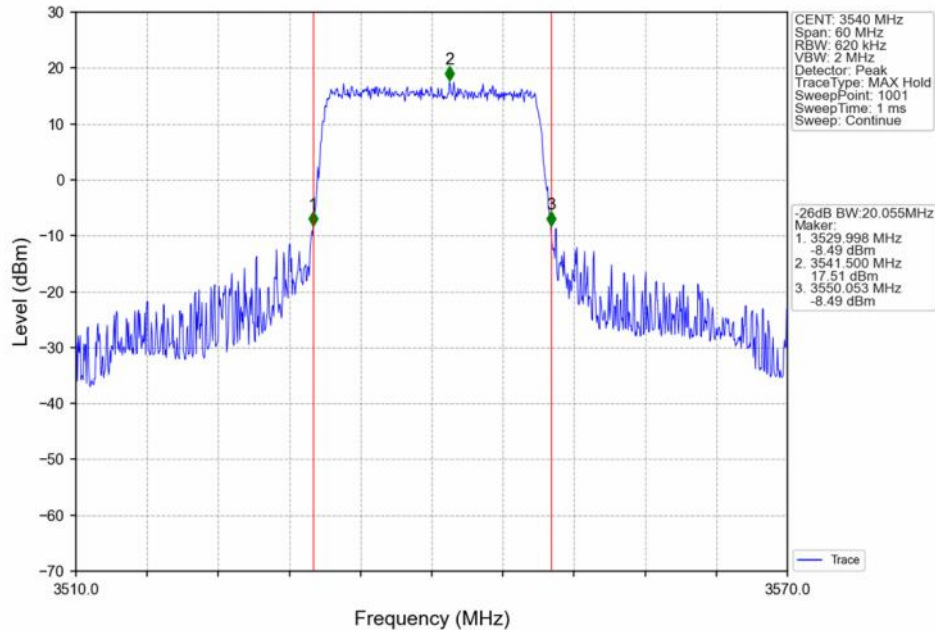
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Band42a_20MHz_16QAM_LCH_3460MHz_RB_100_0_NTNV



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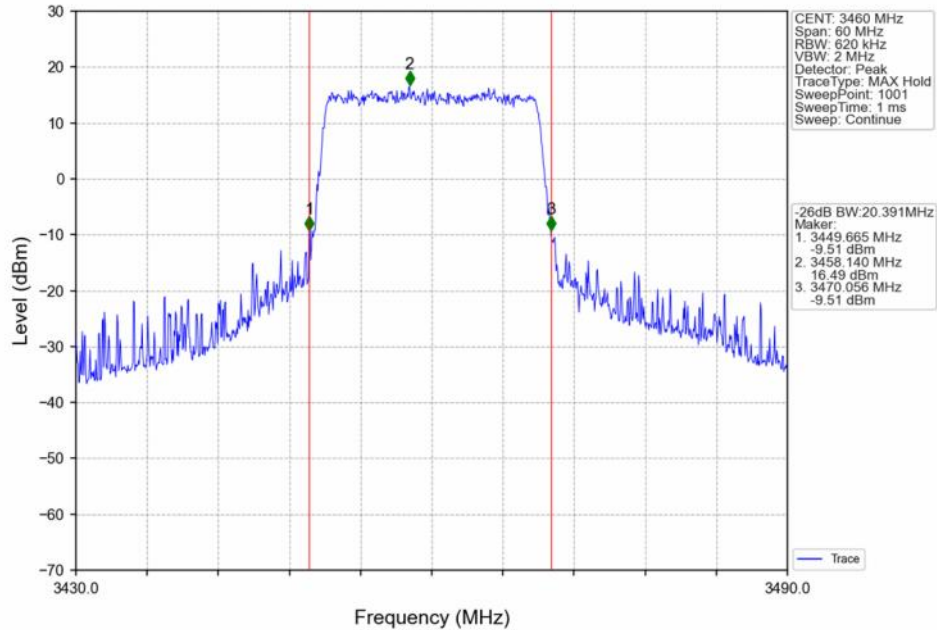
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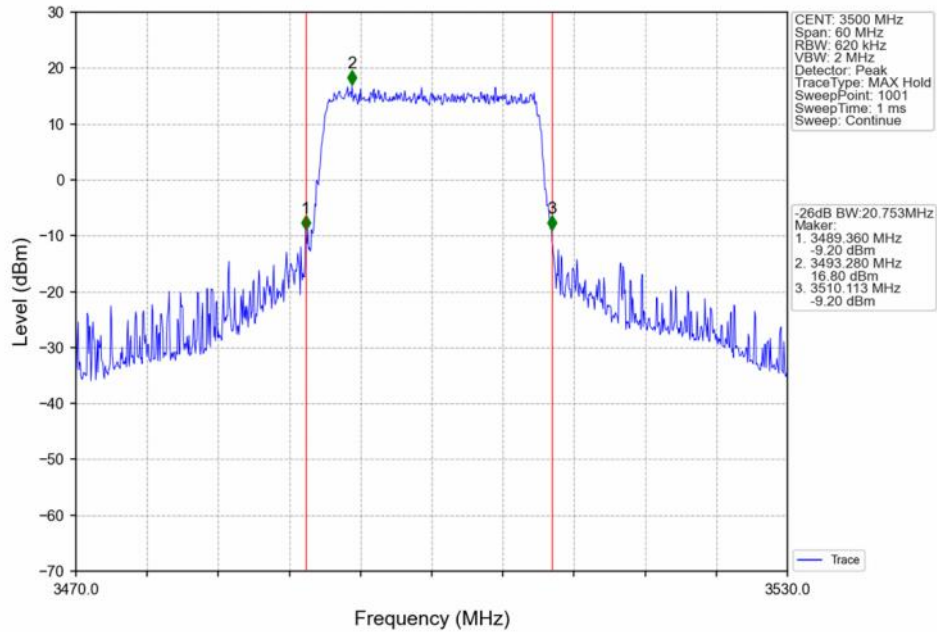
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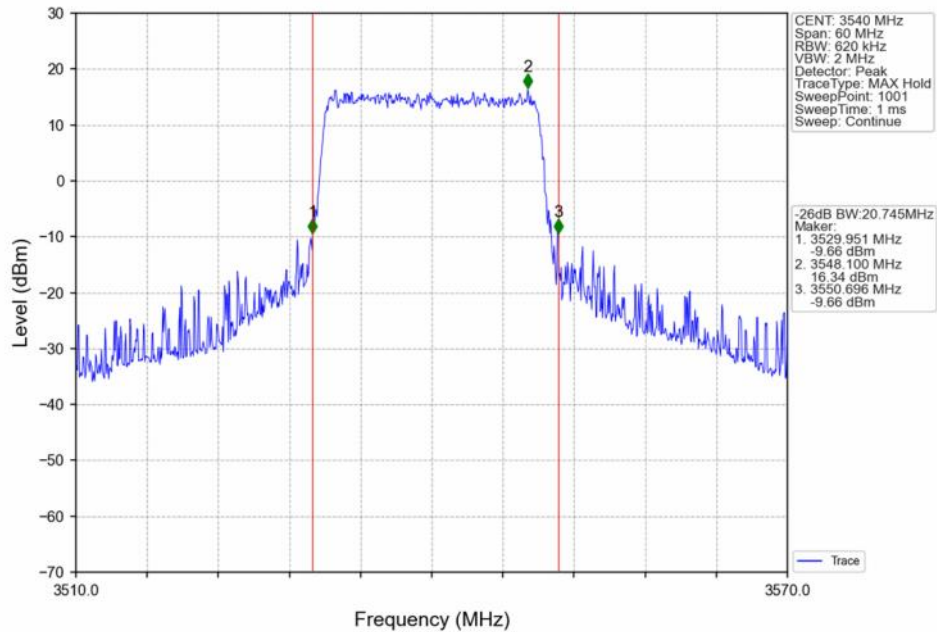
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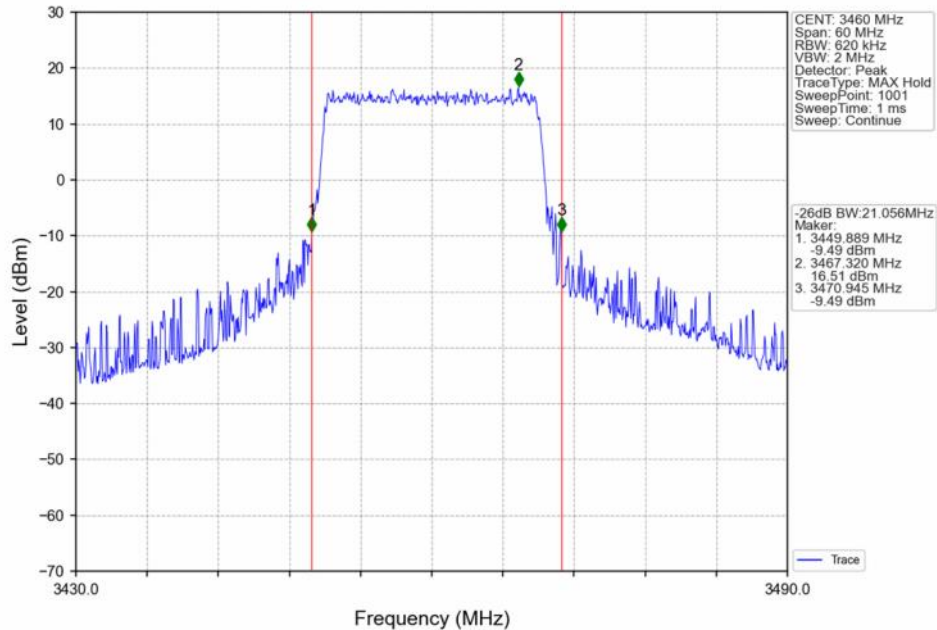
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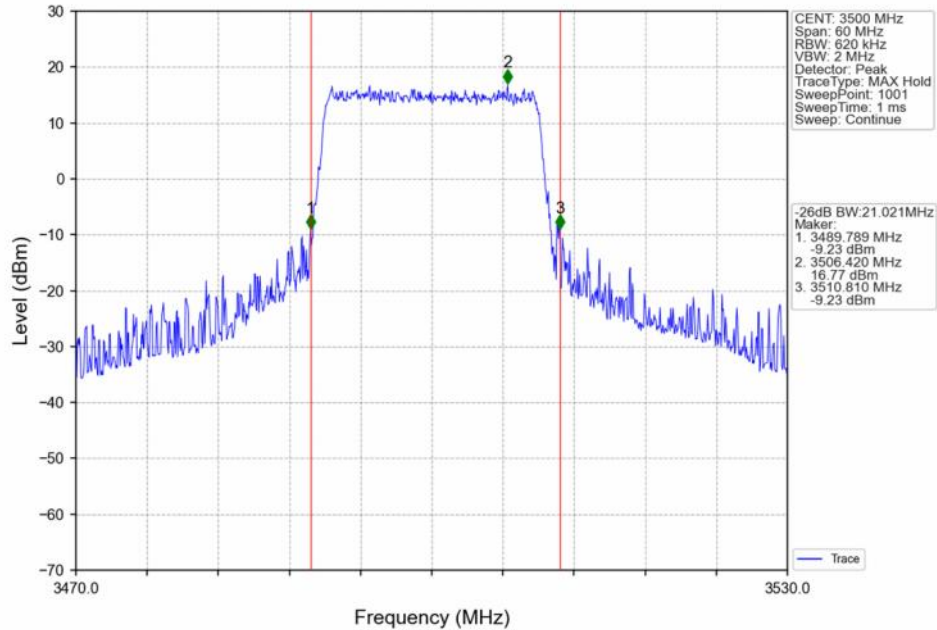
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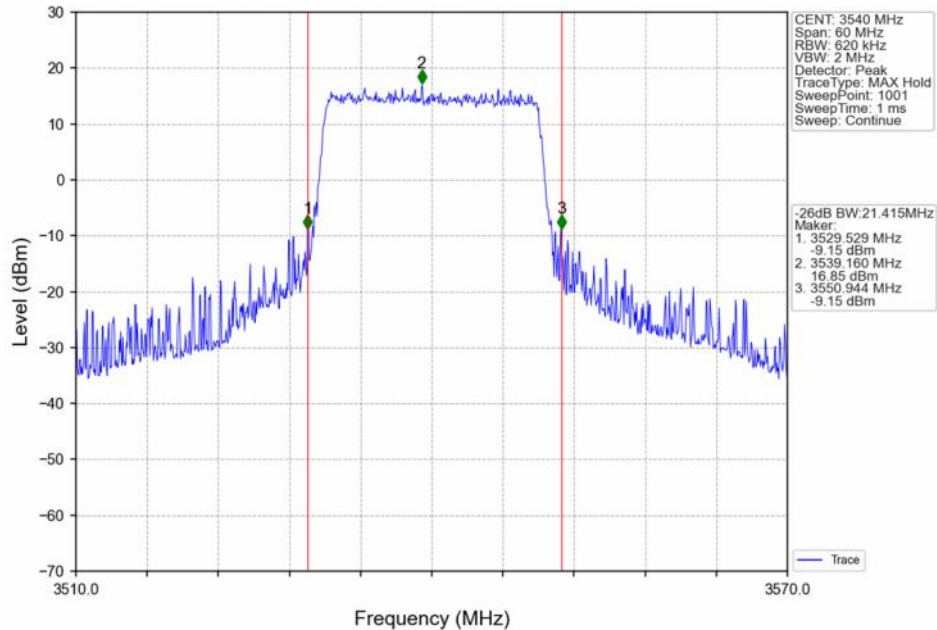
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Band42a_20MHz_256QAM_LCH_3460MHz_RB_100_0_NTNV



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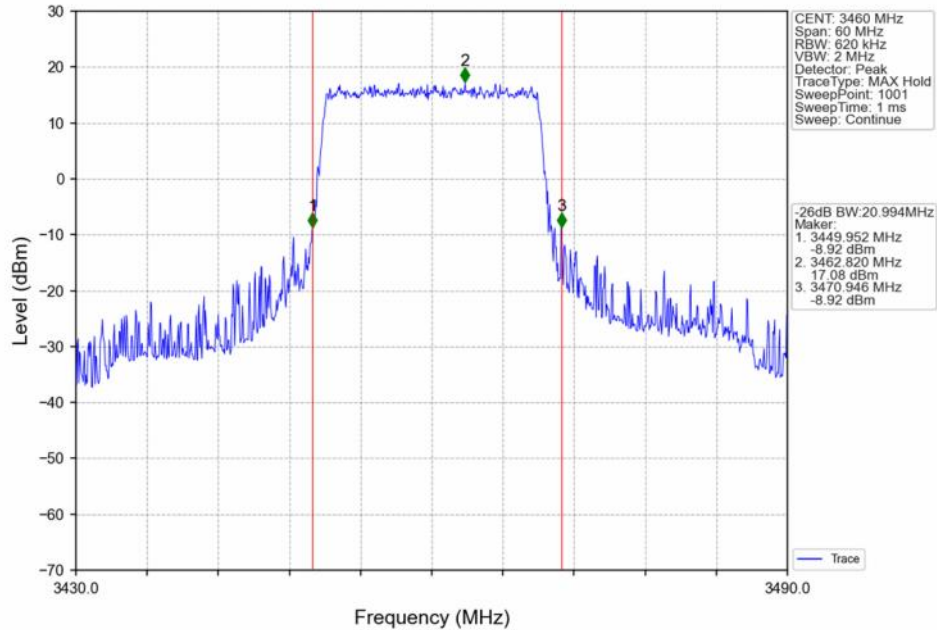
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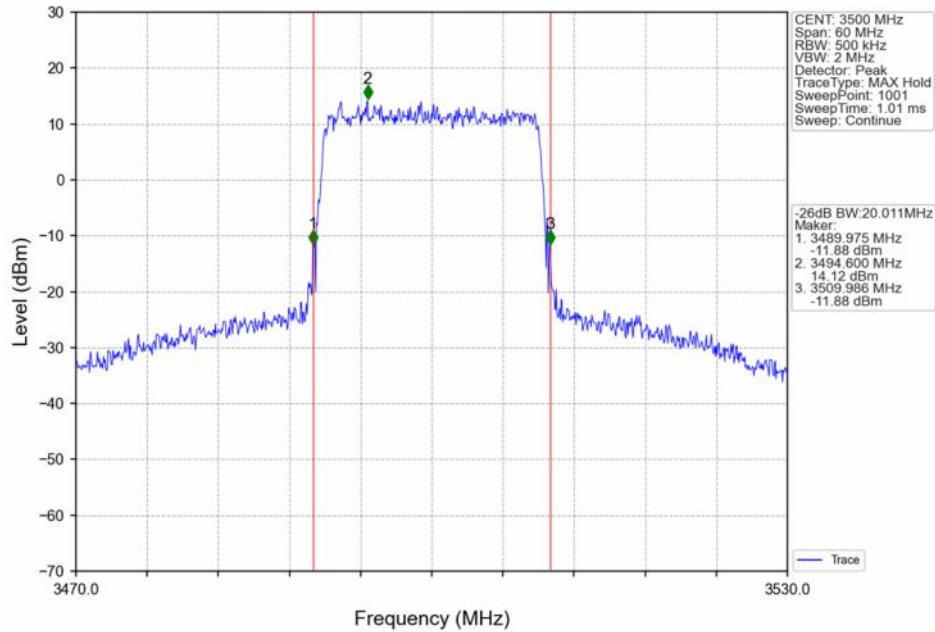
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Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_HCH_3540MHz_RB_100_0_NTNV



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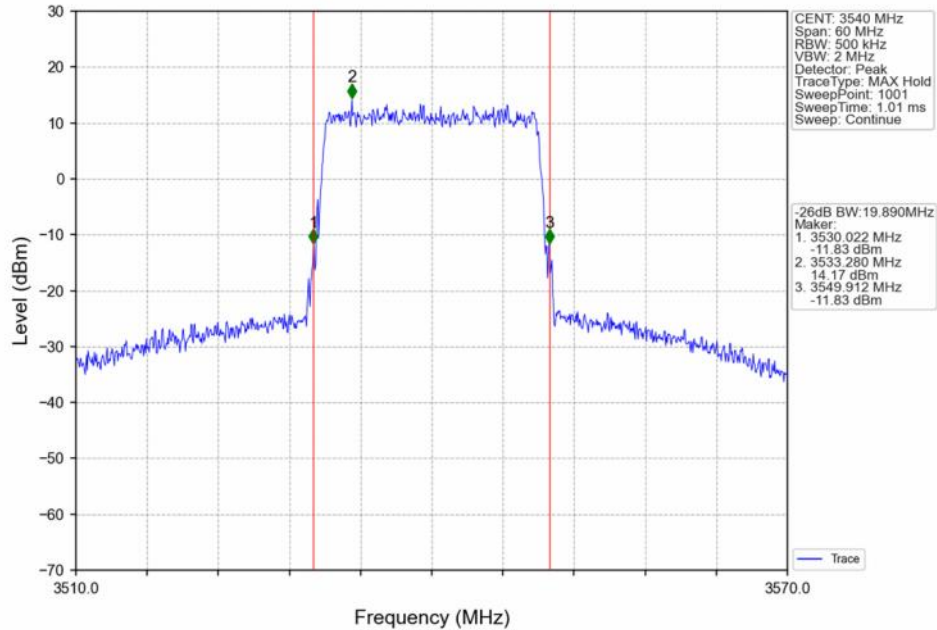
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4. Peak-Average Ratio

4.1 B42a_5MHz

4.1.1 Test Result

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	25	0	7.06	<=13	Pass
	3500	25	0	7.20	<=13	Pass
	3547.5	25	0	7.09	<=13	Pass
16QAM	3452.5	25	0	8.14	<=13	Pass
	3500	25	0	8.25	<=13	Pass
	3547.5	25	0	8.23	<=13	Pass
64QAM	3452.5	25	0	8.12	<=13	Pass
	3500	25	0	8.14	<=13	Pass
	3547.5	25	0	8.74	<=13	Pass
256QAM	3452.5	25	0	8.76	<=13	Pass
	3500	25	0	8.80	<=13	Pass
	3547.5	25	0	8.64	<=13	Pass



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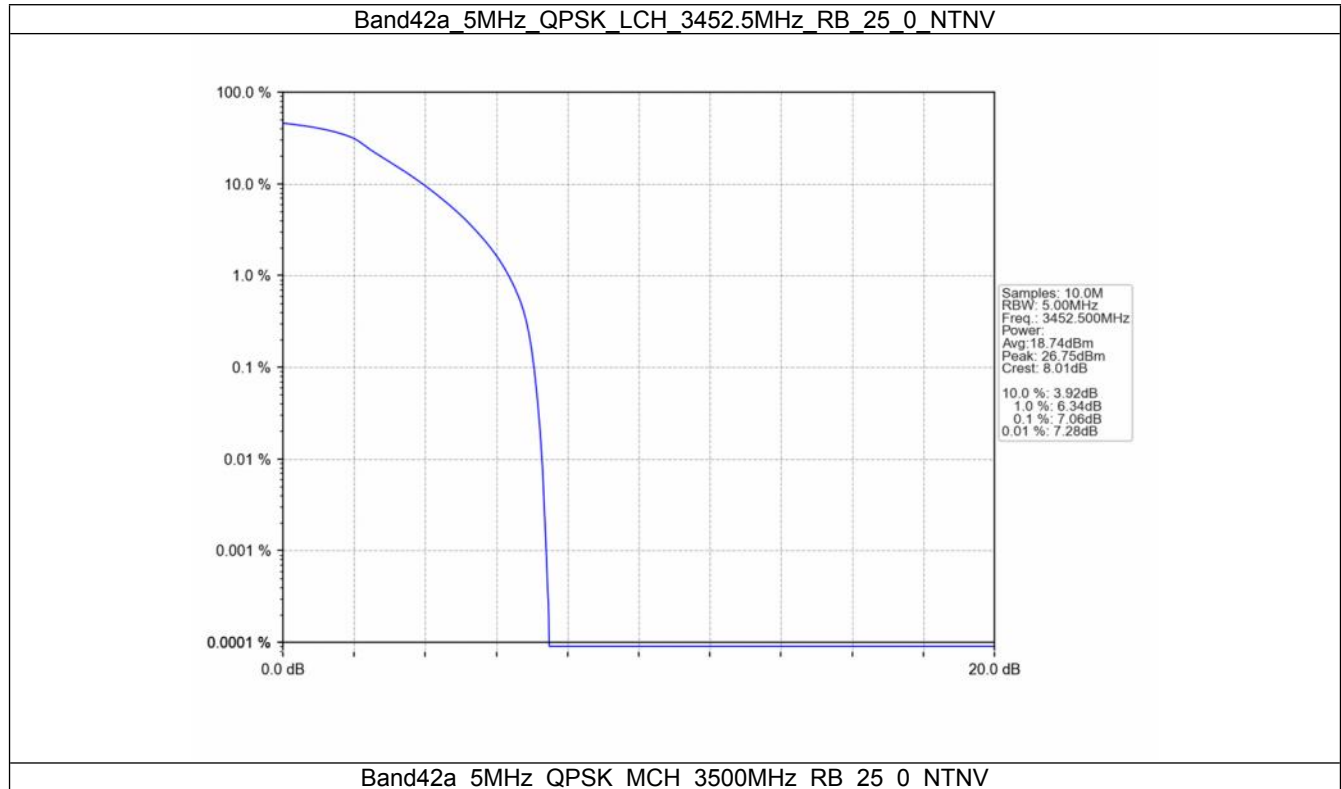
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4.1.2 Test Graph



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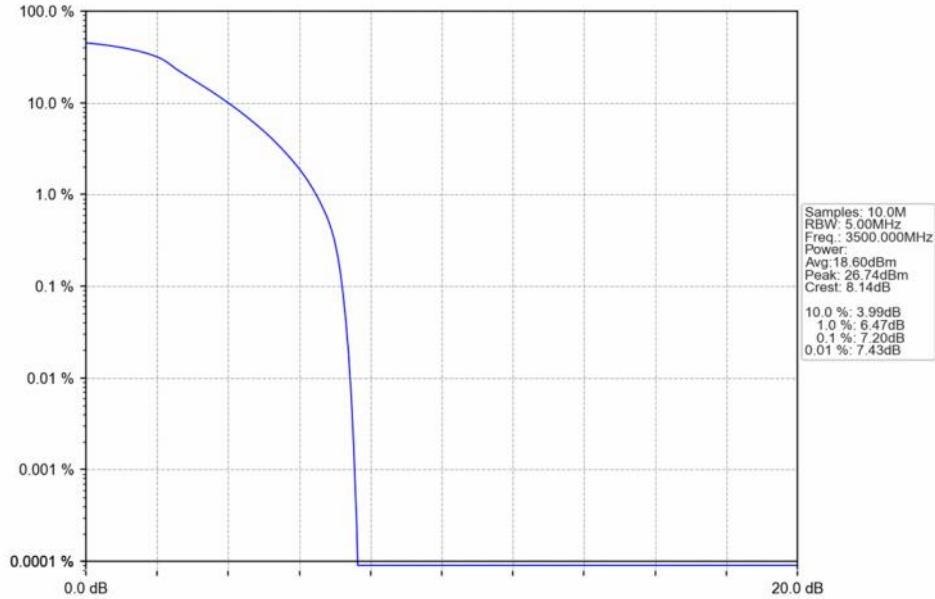
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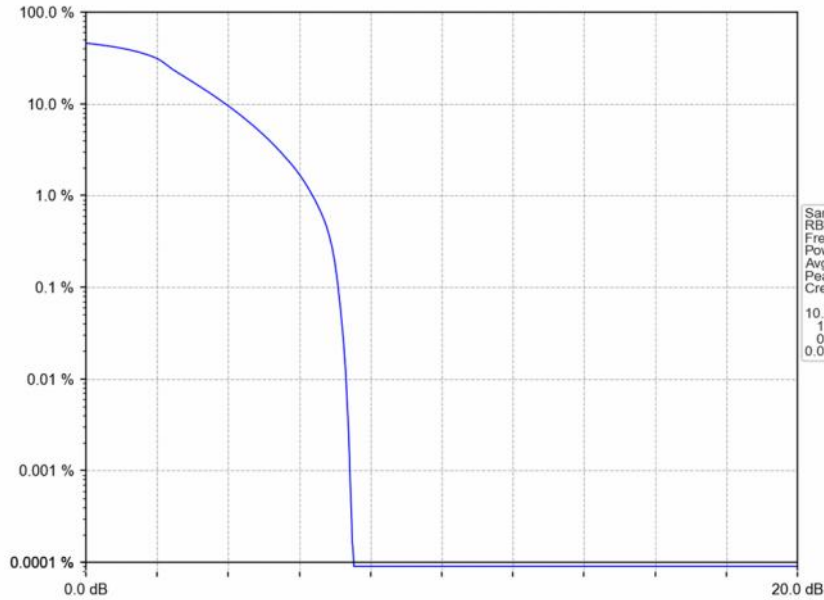
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Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_25_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq.: 3547.500MHz
Power:
Avg: 18.53dBm
Peak: 26.30dBm
Crest: 7.77dB
10.0 %: 3.92dB
1.0 %: 6.37dB
0.1 %: 7.09dB
0.01 %: 7.31dB

Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_25_0_NTNV



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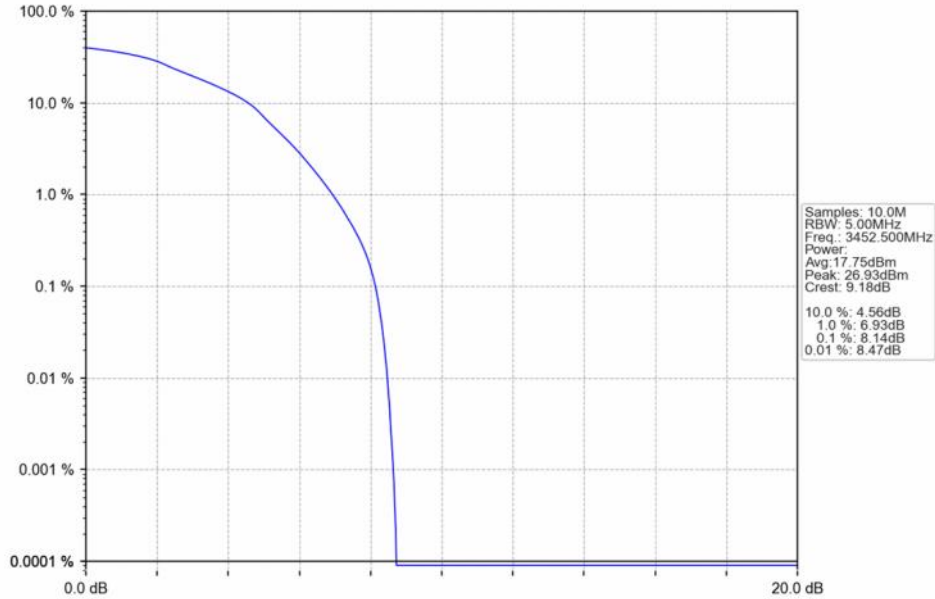
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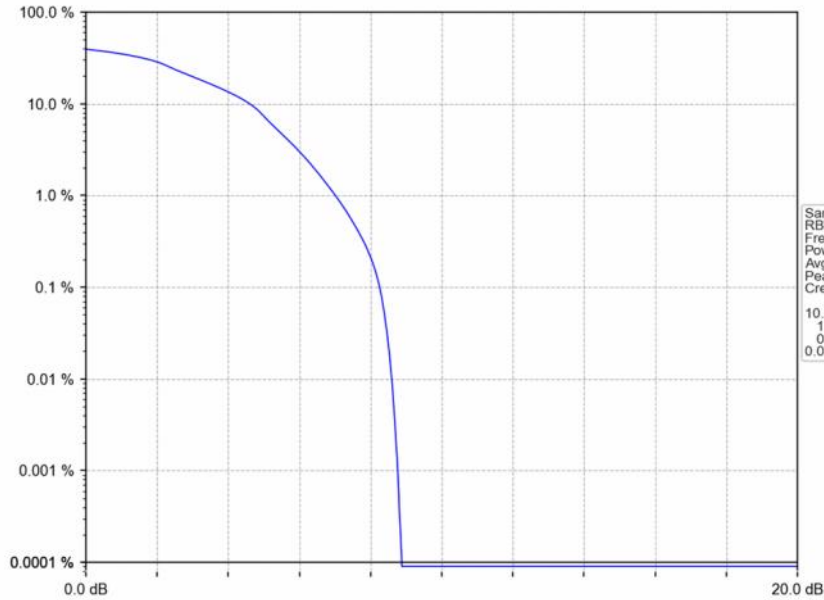
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Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_25_0_NTNV



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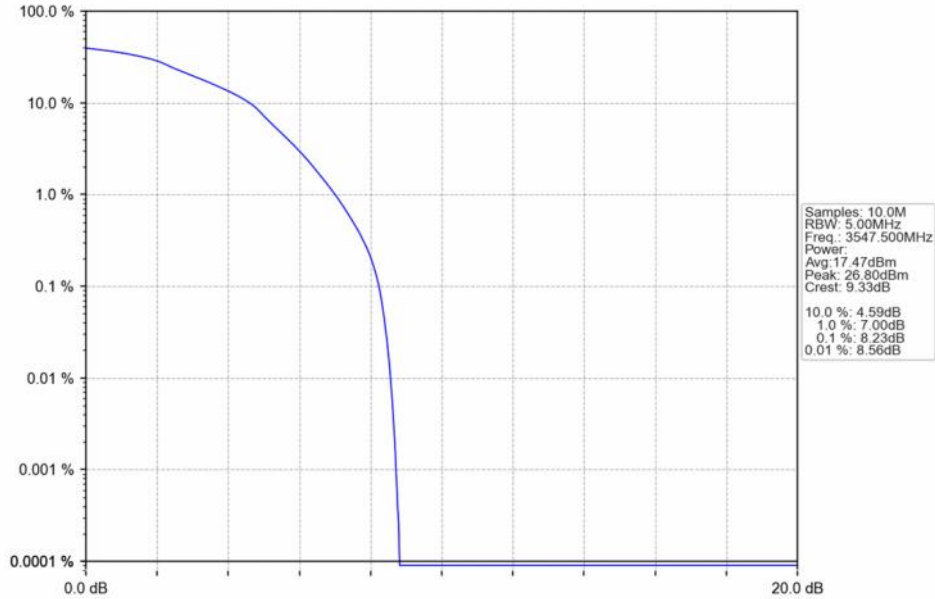
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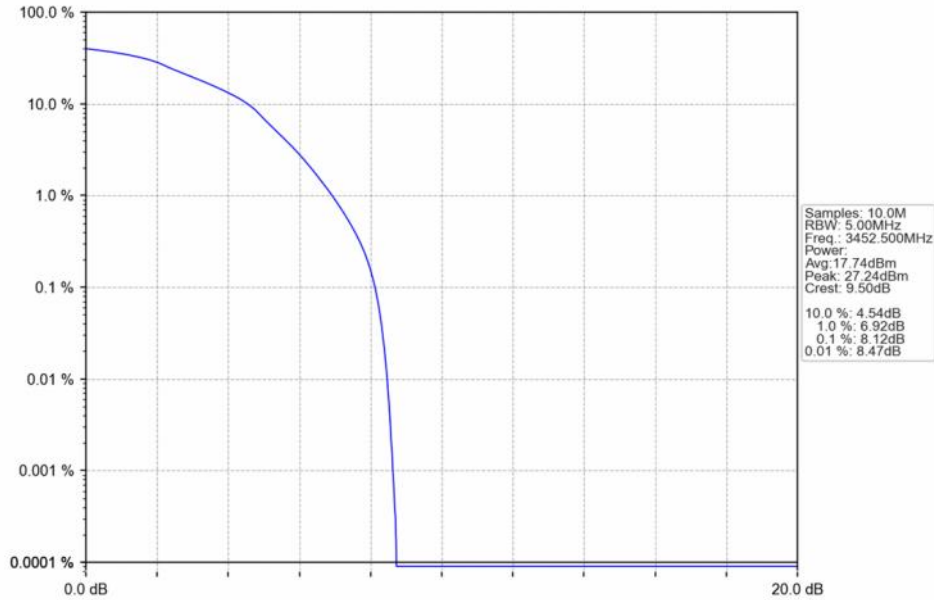
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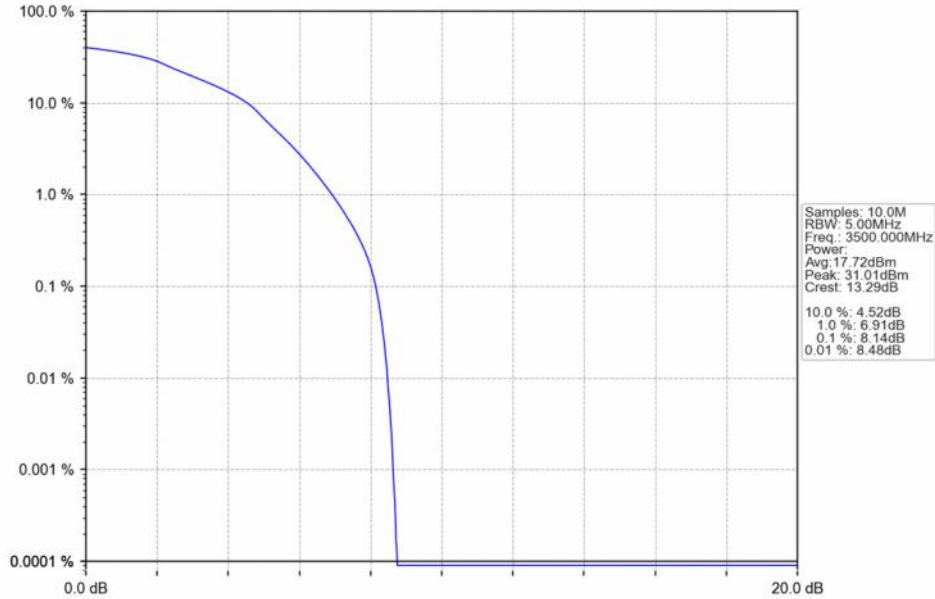
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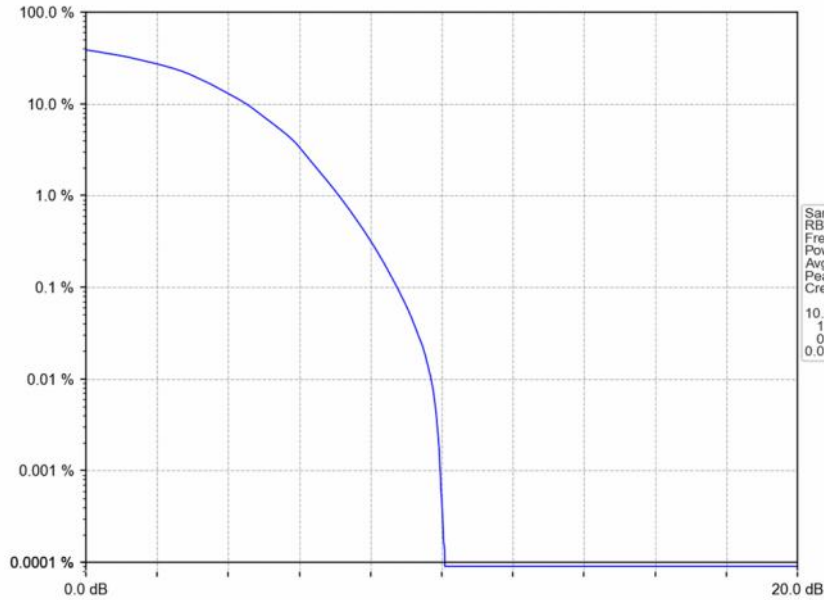
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Band42a_5MHz_64QAM_HCH_3547.5MHz_RB_25_0_NTNV



Band42a_5MHz_256QAM_LCH_3452.5MHz_RB_25_0_NTNV



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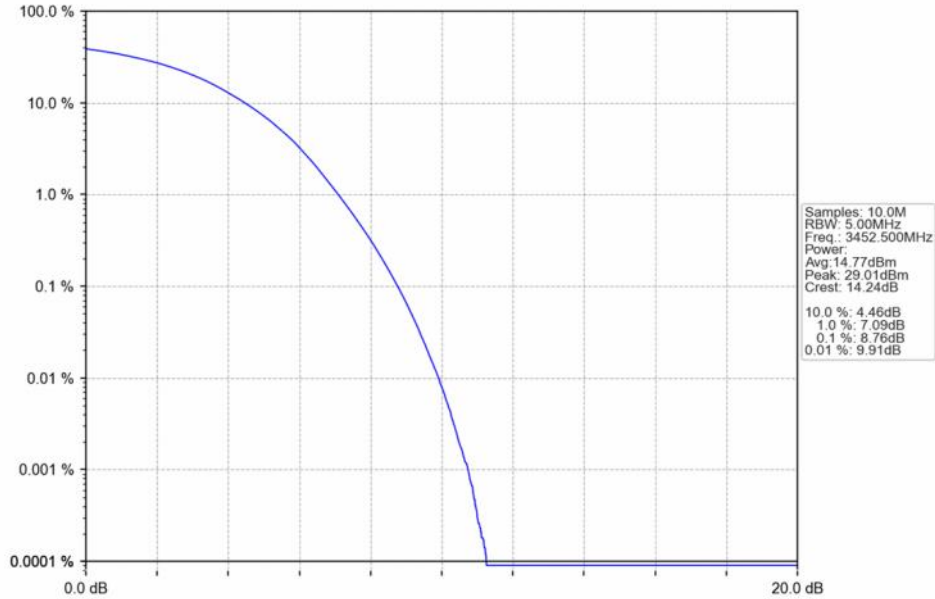
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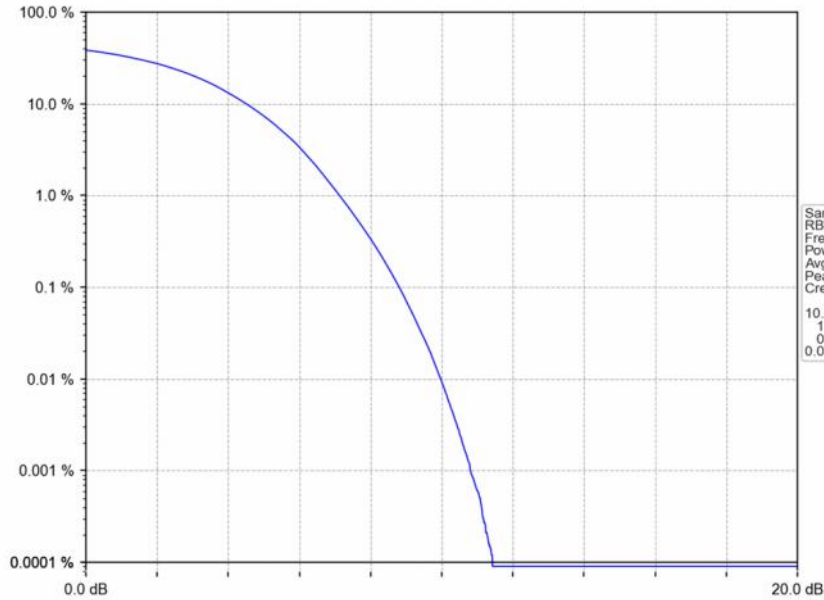
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Band42a_5MHz_256QAM_HCH_3547.5MHz_RB_25_0_NTNV



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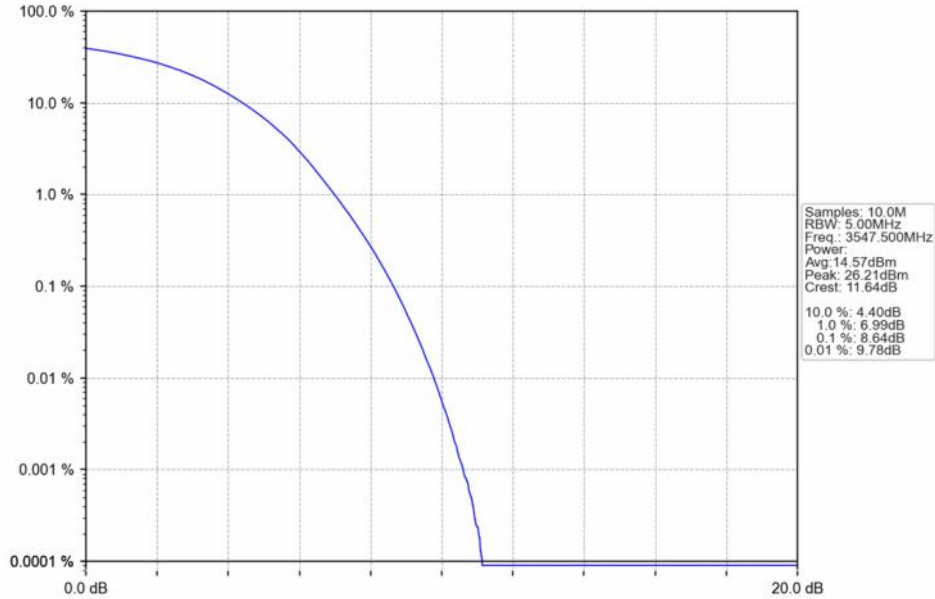
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4.2 B42a_10MHz

4.2.1 Test Result

Band: 42a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	50	0	7.02	<=13	Pass
	3500	50	0	7.14	<=13	Pass
	3545	50	0	7.13	<=13	Pass
16QAM	3455	50	0	8.13	<=13	Pass
	3500	50	0	8.12	<=13	Pass
	3545	50	0	8.15	<=13	Pass
64QAM	3455	50	0	8.63	<=13	Pass
	3500	50	0	8.12	<=13	Pass
	3545	50	0	8.56	<=13	Pass
256QAM	3455	50	0	8.71	<=13	Pass
	3500	50	0	8.61	<=13	Pass
	3545	50	0	8.66	<=13	Pass



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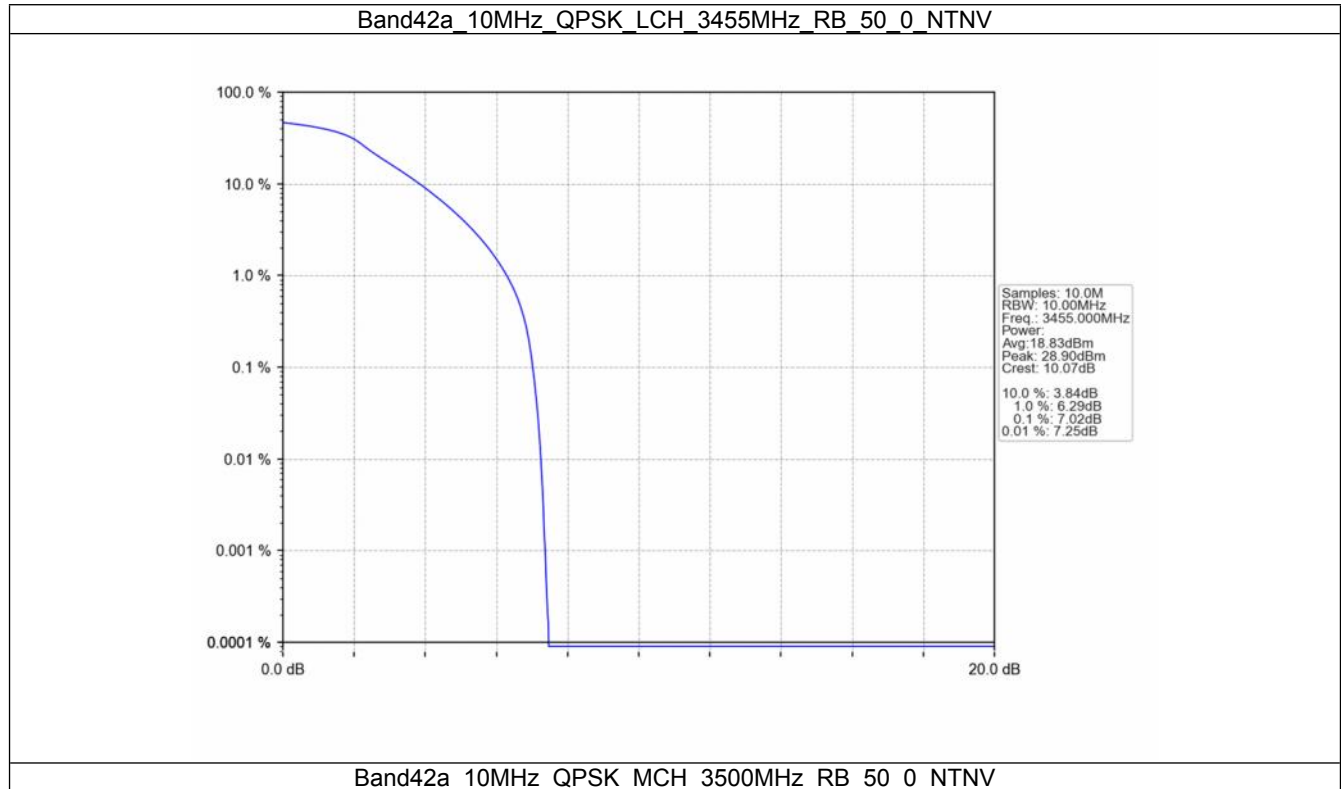
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4.2.2 Test Graph



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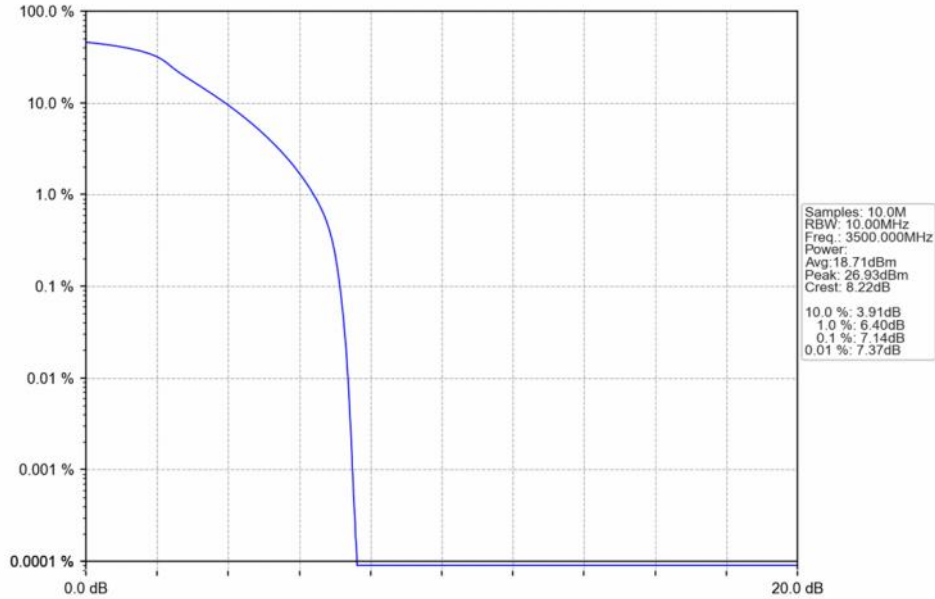
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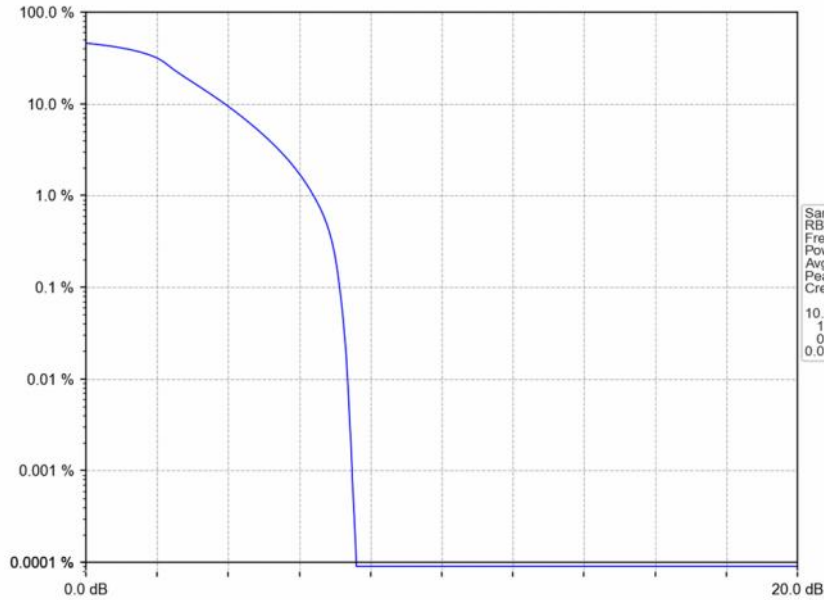
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Band42a_10MHz_QPSK_HCH_3545MHz_RB_50_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq.: 3545.000MHz
Power:
Avg: 18.48dBm
Peak: 27.47dBm
Crest: 8.99dB
10.0 %: 3.90dB
1.0 %: 6.39dB
0.1 %: 7.13dB
0.01 %: 7.35dB

Band42a_10MHz_16QAM_LCH_3455MHz_RB_50_0_NTNV



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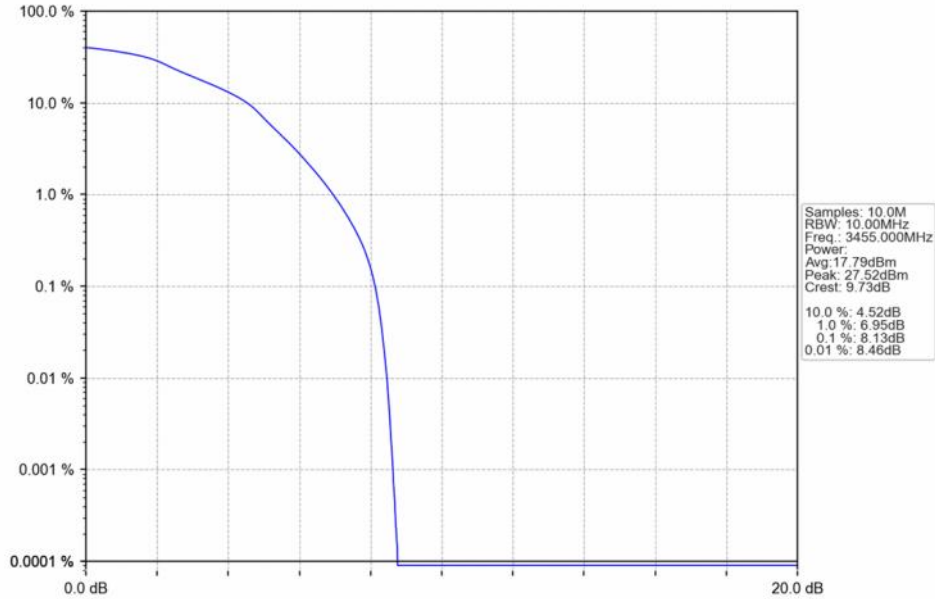
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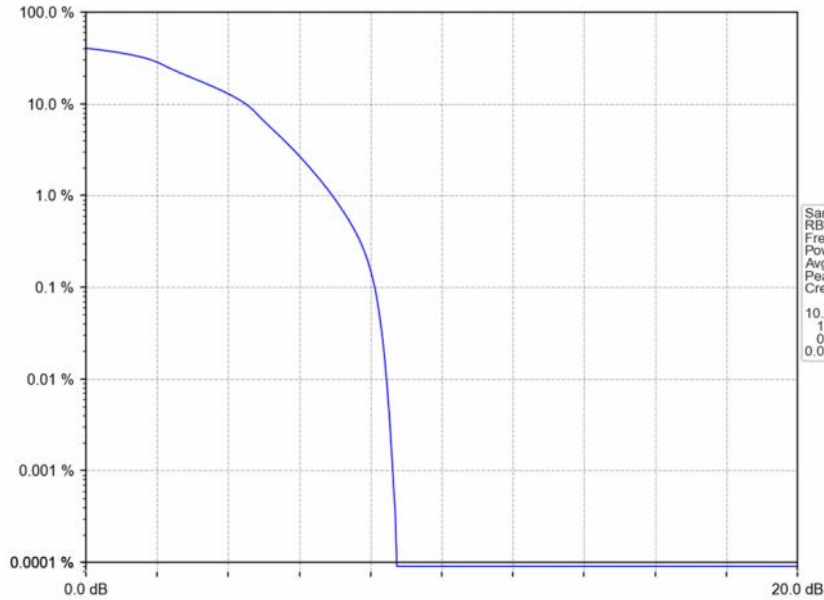
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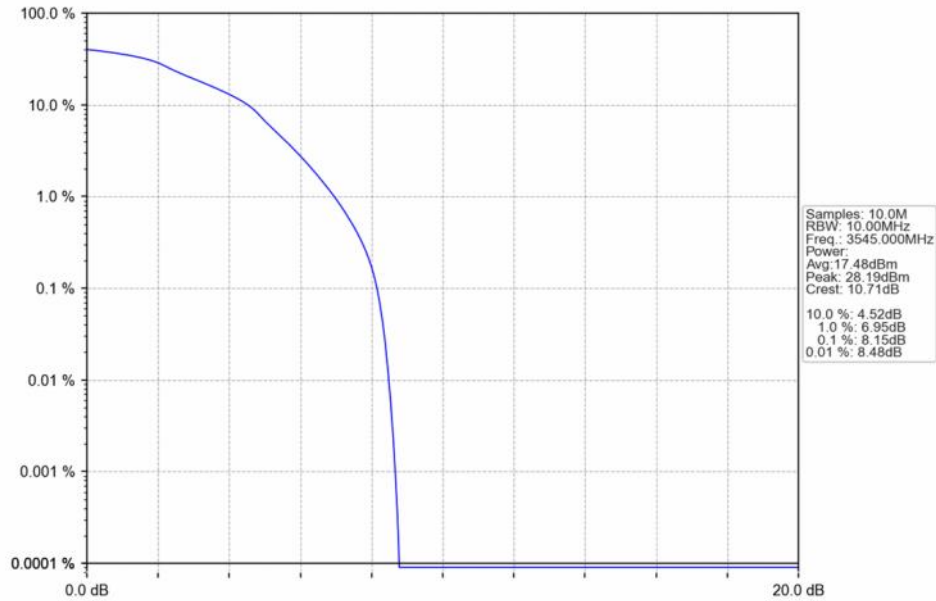
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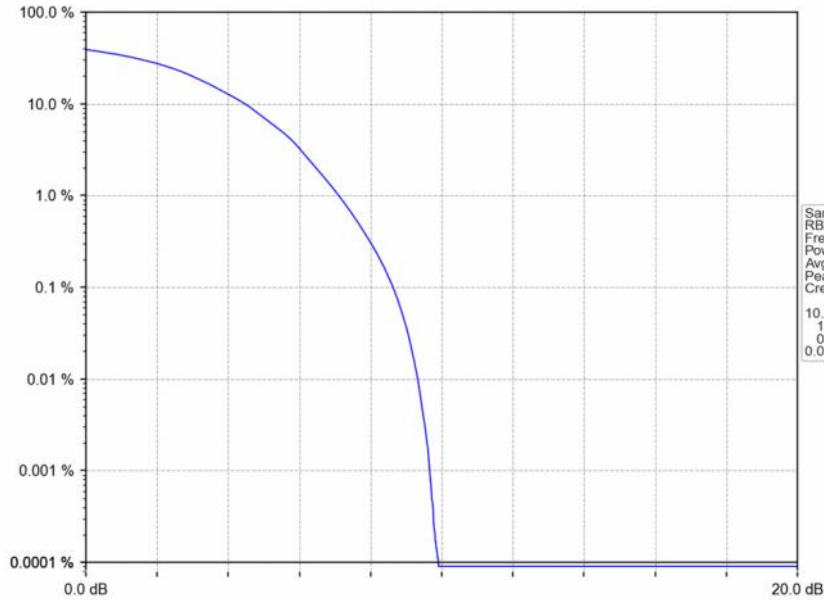
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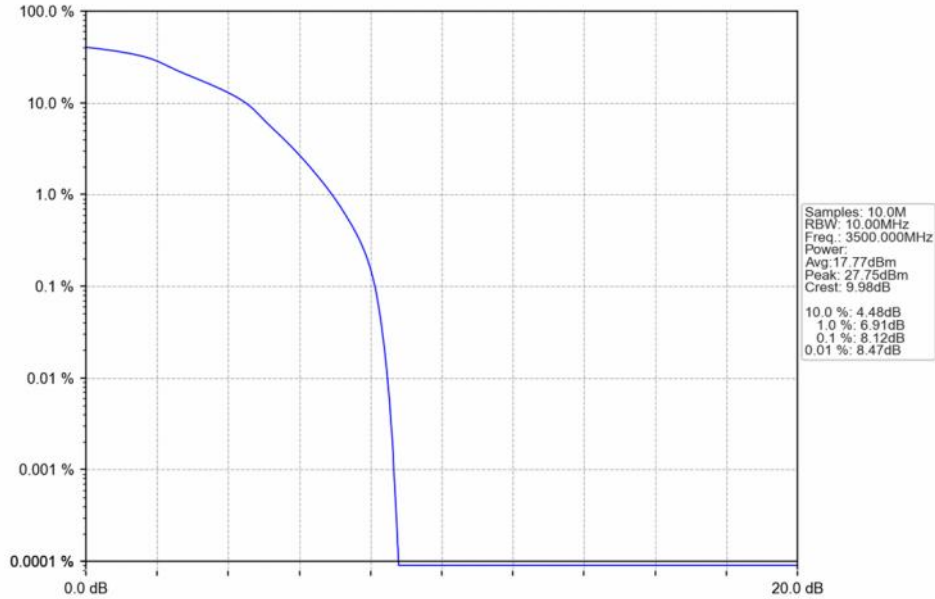
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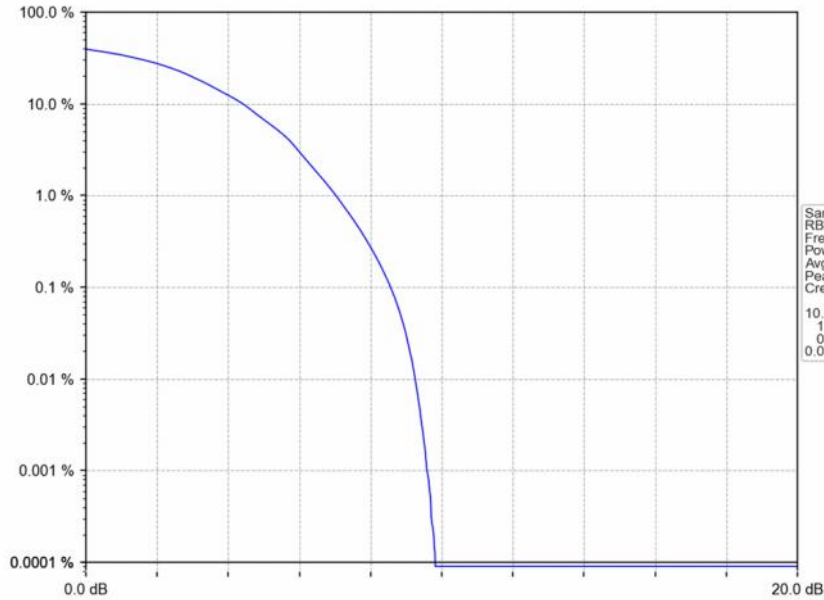
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Band42a_10MHz_64QAM_HCH_3545MHz_RB_50_0_NTNV



Band42a_10MHz_256QAM_LCH_3455MHz_RB_50_0_NTNV



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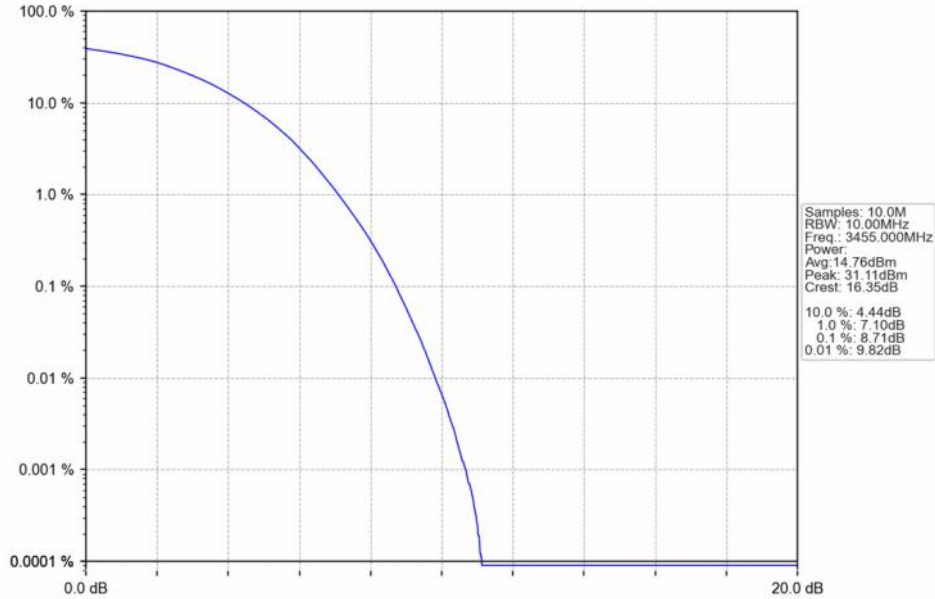
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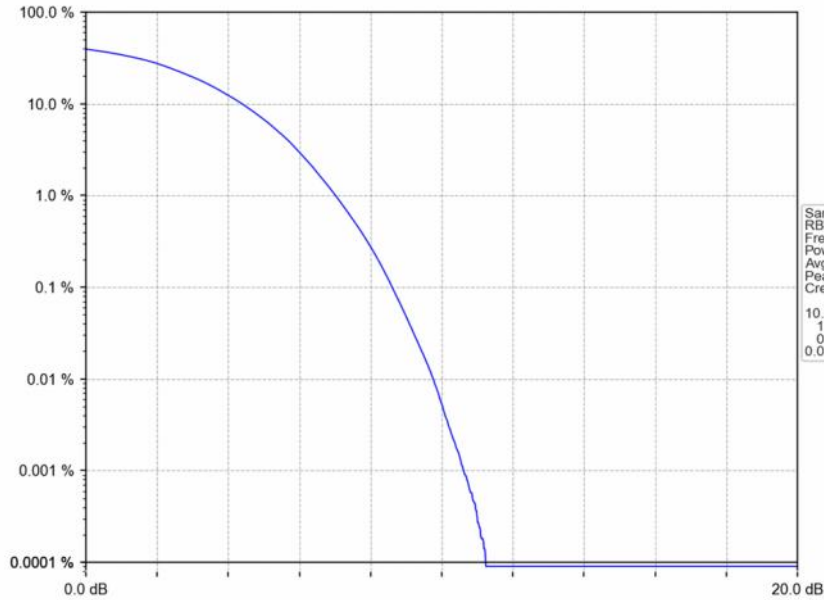
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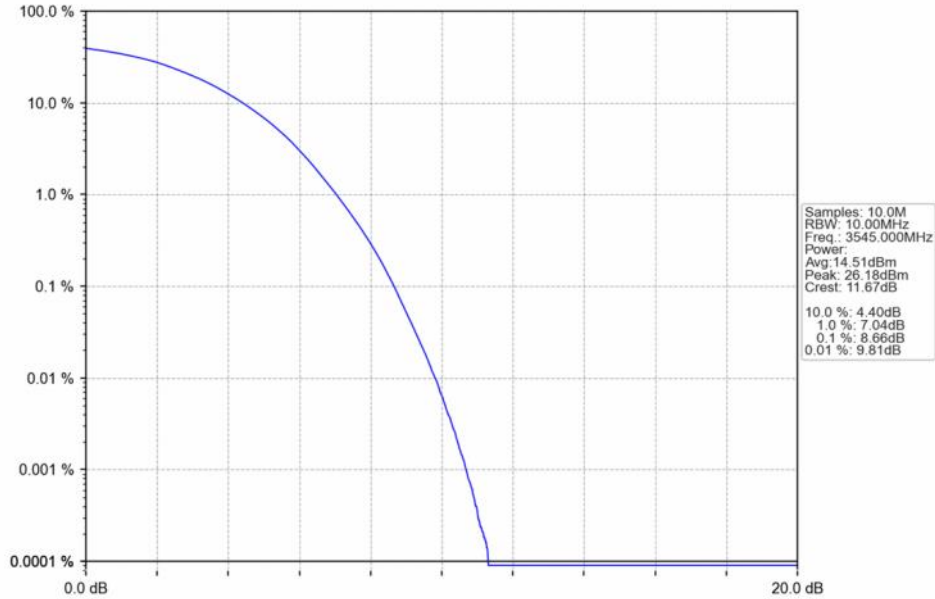
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4.3 B42a_15MHz

4.3.1 Test Result

Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	75	0	7.00	<=13	Pass
	3500	75	0	6.75	<=13	Pass
	3542.5	75	0	7.12	<=13	Pass
16QAM	3457.5	75	0	8.43	<=13	Pass
	3500	75	0	8.47	<=13	Pass
	3542.5	75	0	8.42	<=13	Pass
64QAM	3457.5	75	0	8.28	<=13	Pass
	3500	75	0	8.45	<=13	Pass
	3542.5	75	0	8.57	<=13	Pass
256QAM	3457.5	75	0	8.69	<=13	Pass
	3500	75	0	8.54	<=13	Pass
	3542.5	75	0	8.44	<=13	Pass



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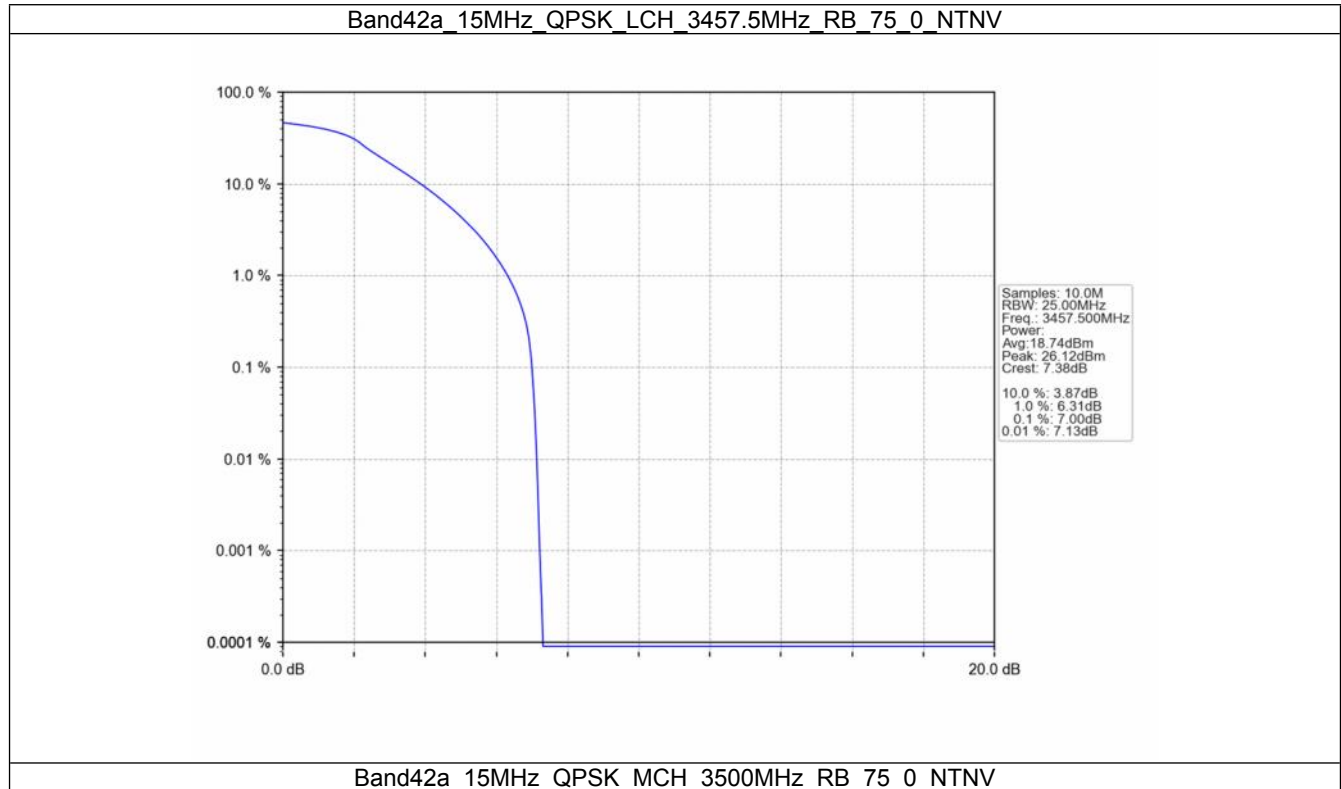
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4.3.2 Test Graph



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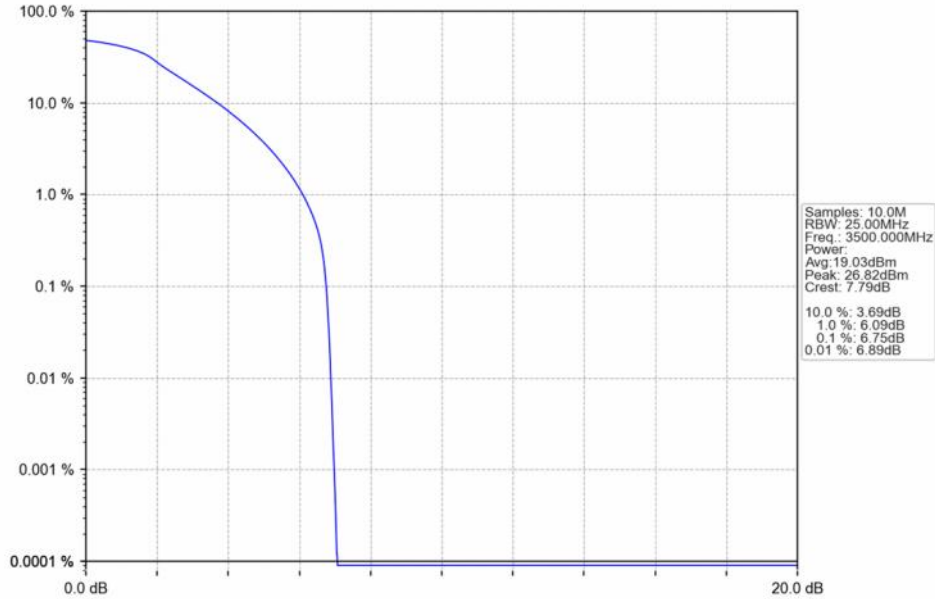
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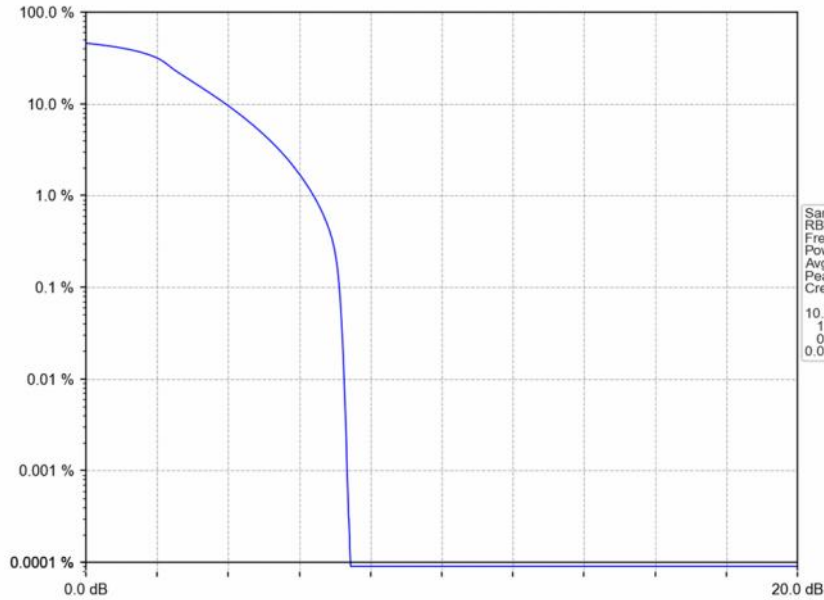
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Band42a_15MHz_16QAM_LCH_3457.5MHz_RB_75_0_NTNV



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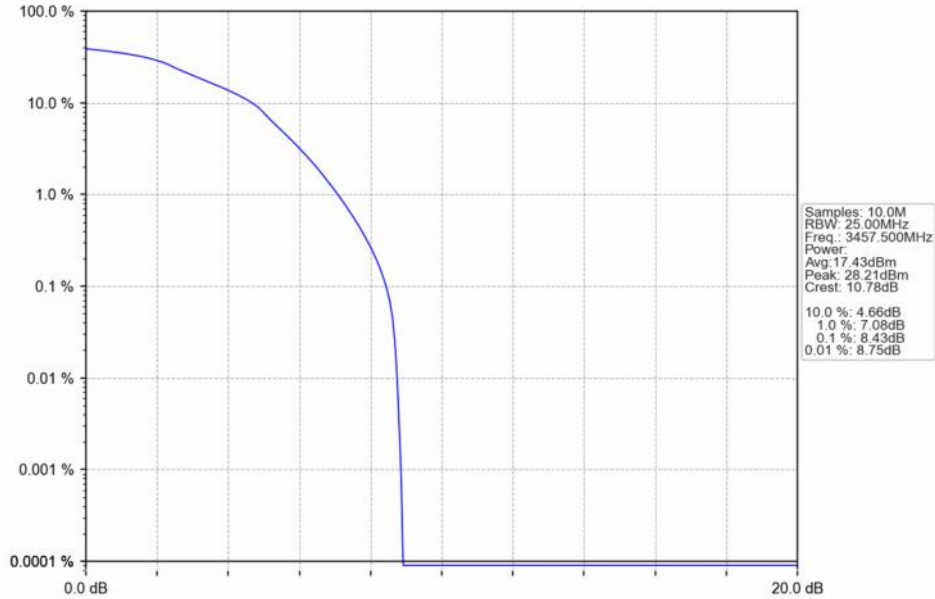
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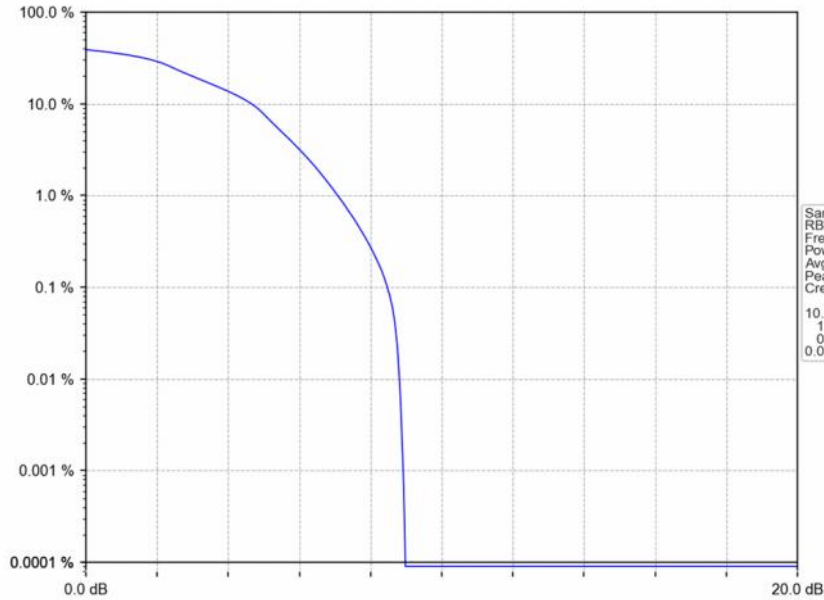
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Band42a_15MHz_16QAM_HCH_3542.5MHz_RB_75_0_NTNV



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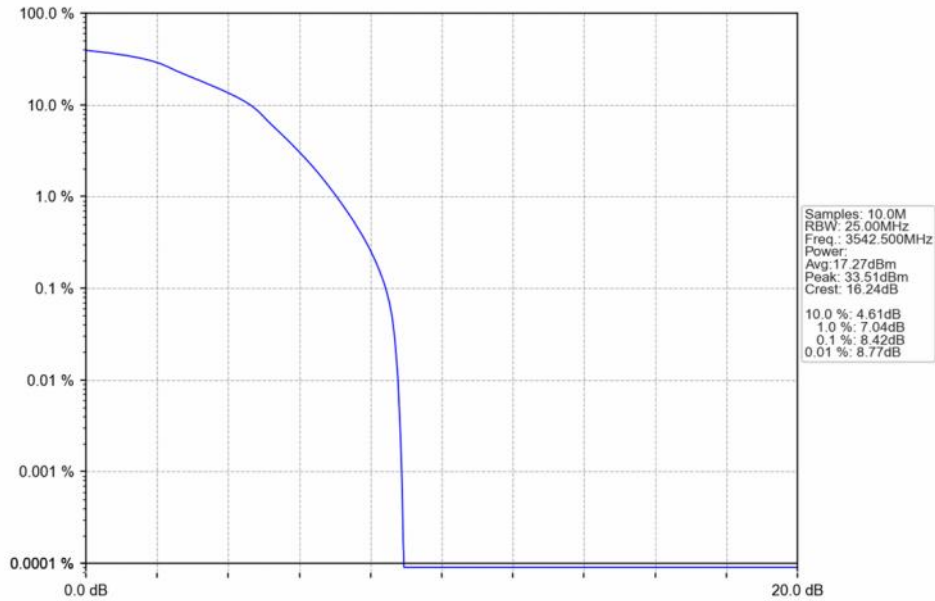
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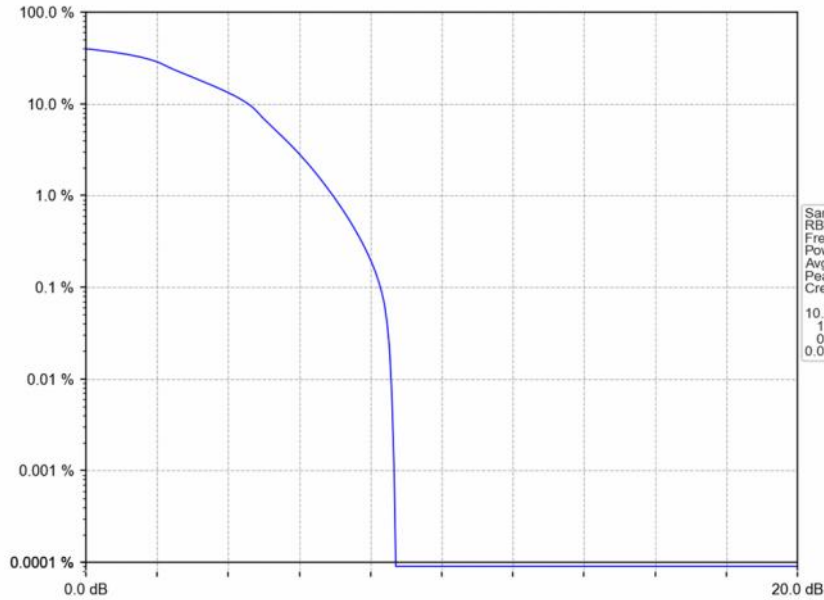
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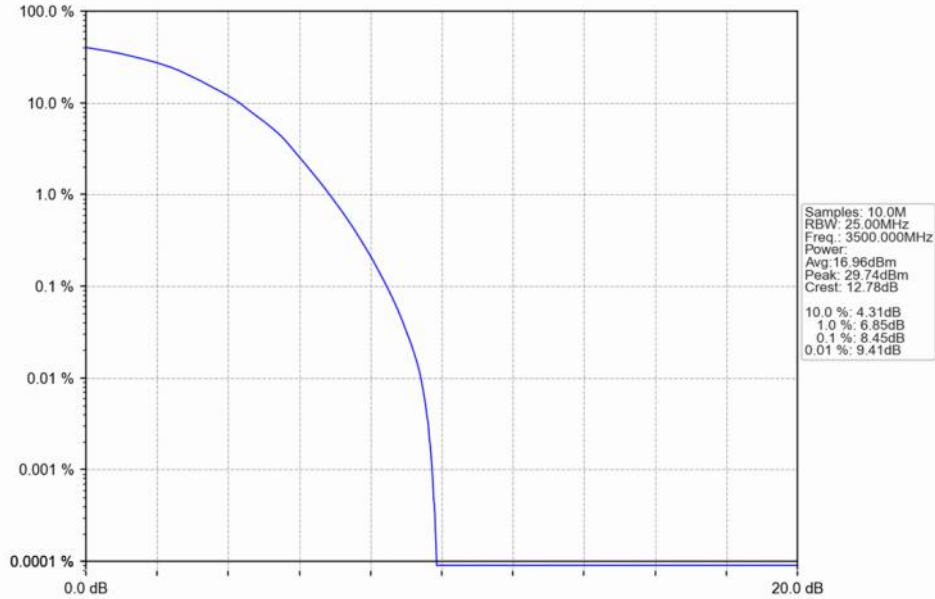
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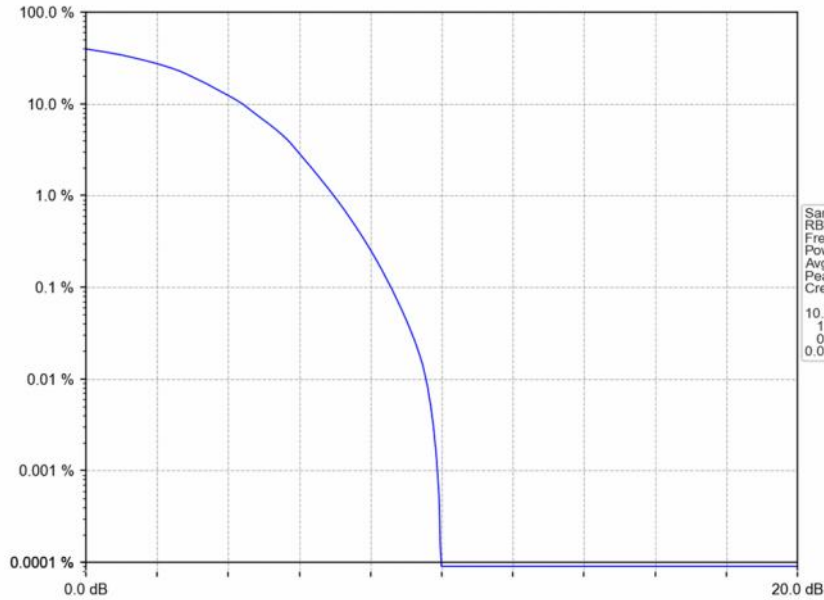
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Band42a_15MHz_64QAM_HCH_3542.5MHz_RB_75_0_NTNV



Band42a_15MHz_256QAM_LCH_3457.5MHz_RB_75_0_NTNV



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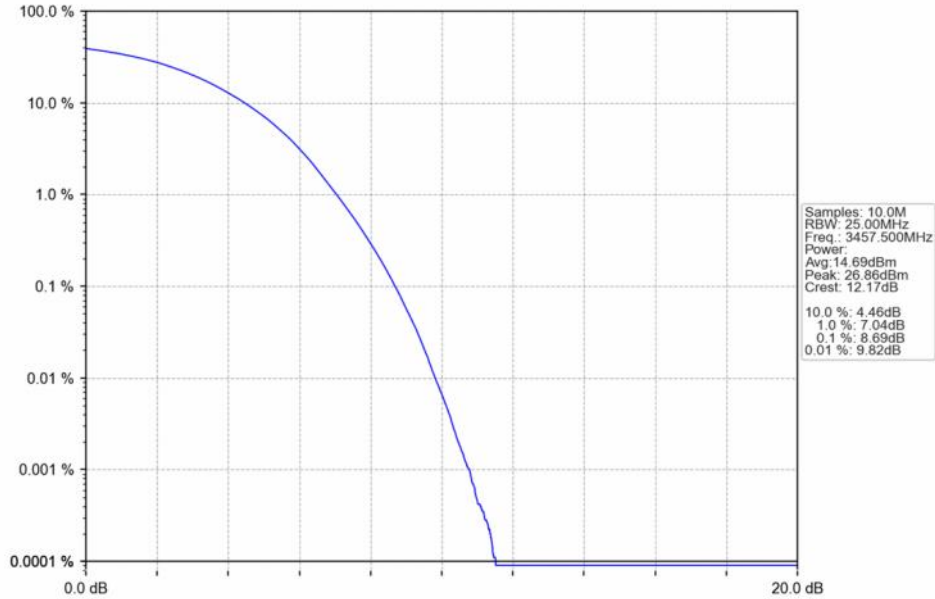
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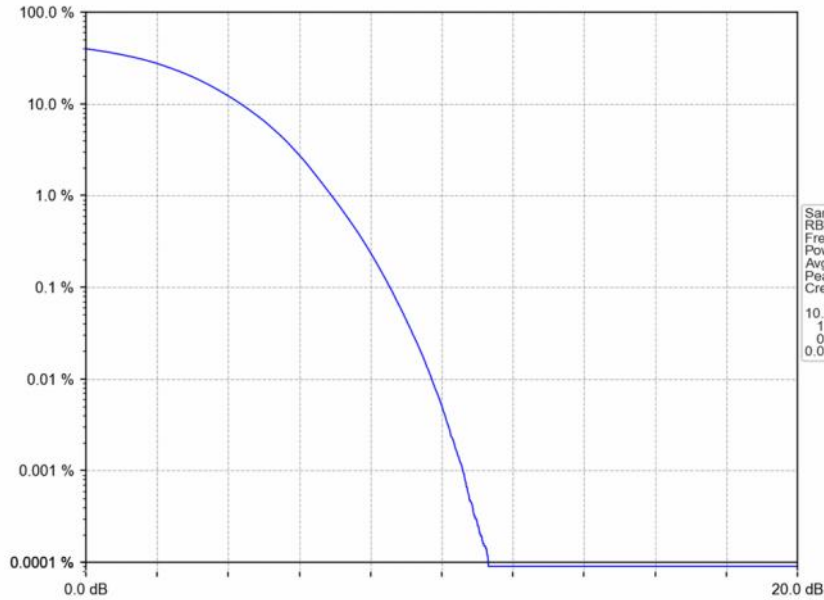
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Band42a_15MHz_256QAM_MCH_3500MHz_RB_75_0_NTNV



Band42a_15MHz_256QAM_HCH_3542.5MHz_RB_75_0_NTNV



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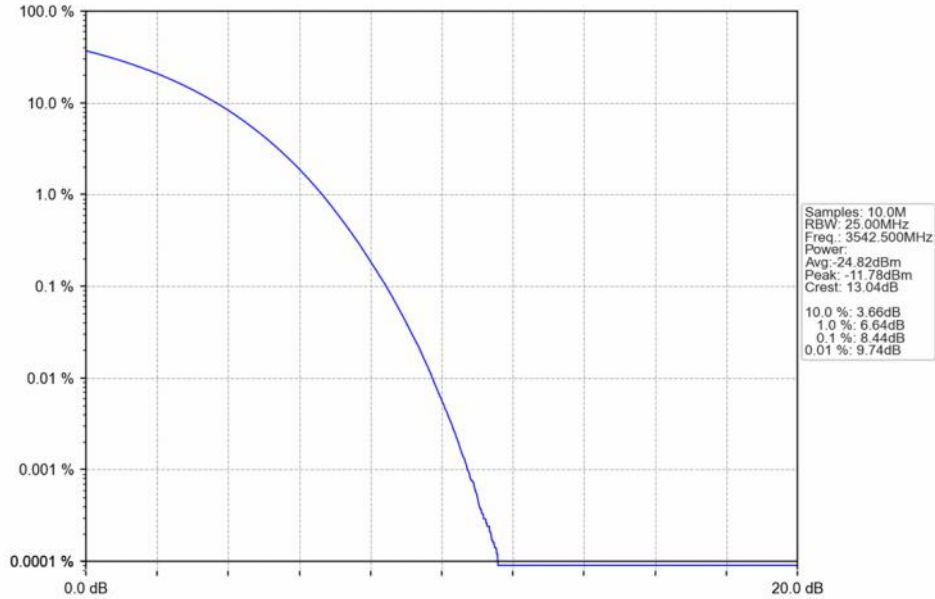
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4.4 B42a_20MHz

4.4.1 Test Result

Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3460	100	0	7.46	<=13	Pass
	3500	100	0	7.00	<=13	Pass
	3540	100	0	7.39	<=13	Pass
16QAM	3460	100	0	8.28	<=13	Pass
	3500	100	0	8.24	<=13	Pass
	3540	100	0	7.79	<=13	Pass
64QAM	3460	100	0	8.16	<=13	Pass
	3500	100	0	8.65	<=13	Pass
	3540	100	0	8.48	<=13	Pass
256QAM	3460	100	0	7.17	<=13	Pass
	3500	100	0	8.42	<=13	Pass
	3540	100	0	5.66	<=13	Pass



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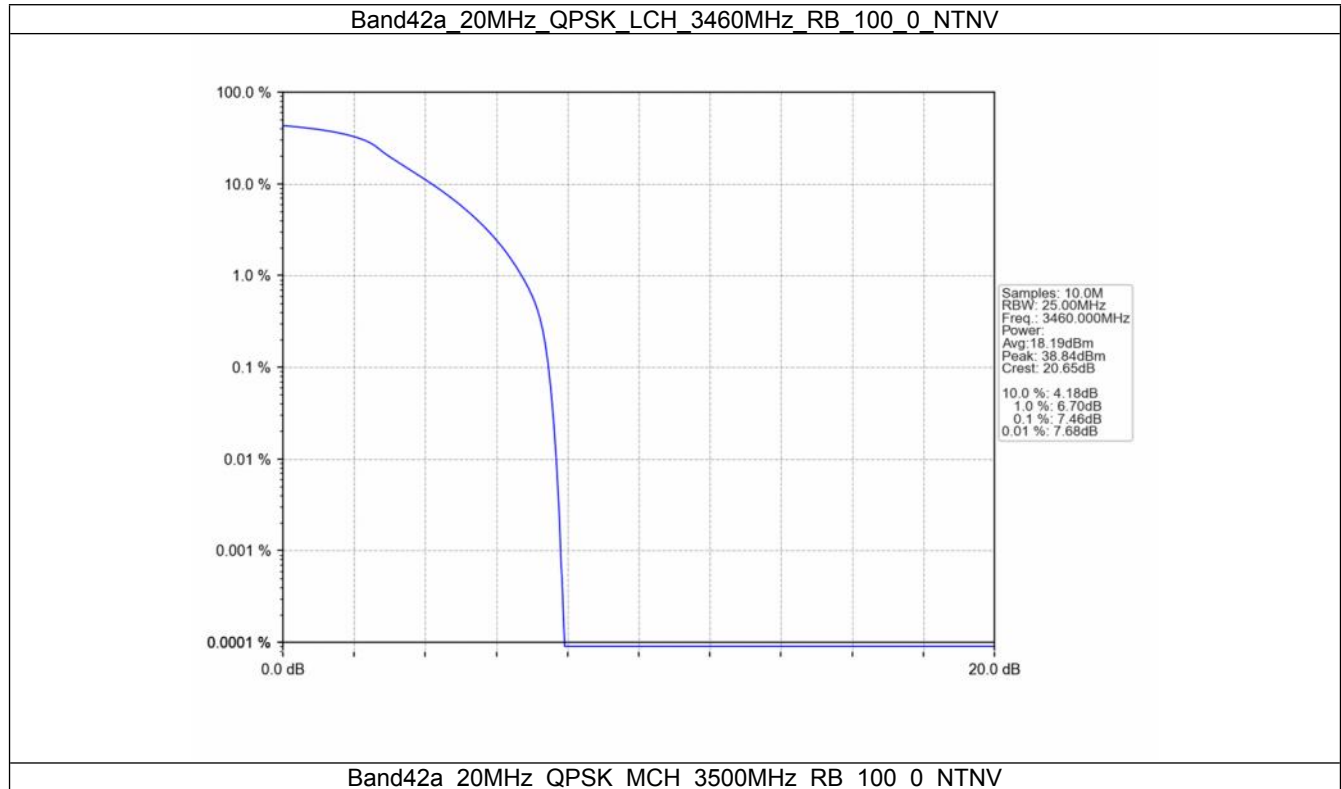
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4.4.2 Test Graph



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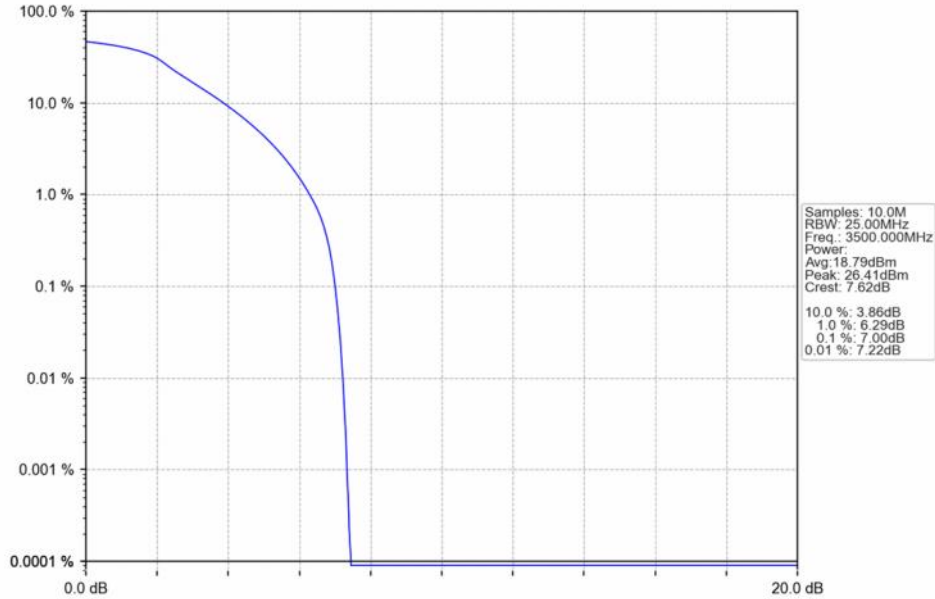
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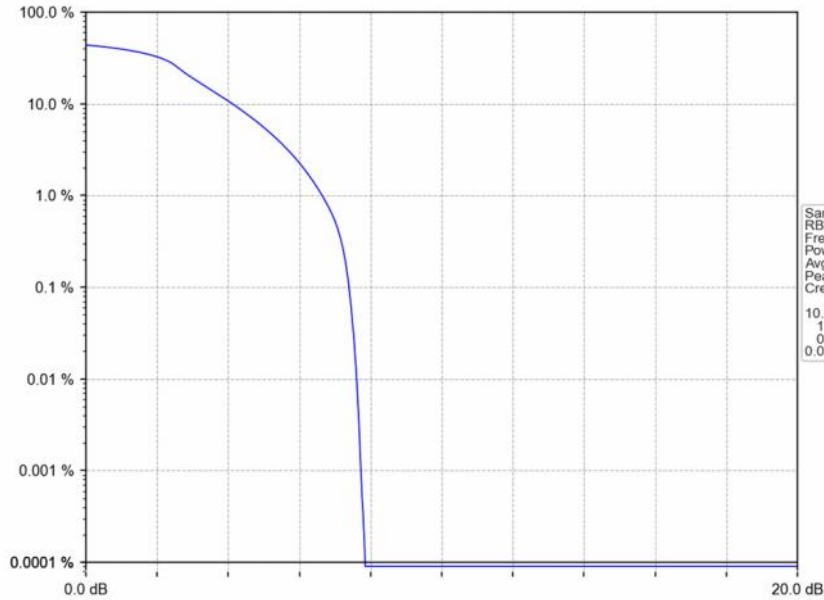
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Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq.: 3540.000MHz
Power:
Avg: 18.17dBm
Peak: 28.61dBm
Crest: 10.44dB
10.0 %: 4.12dB
1.0 %: 6.64dB
0.1 %: 7.39dB
0.01 %: 7.61dB

Band42a_20MHz_16QAM_LCH_3460MHz_RB_100_0_NTNV



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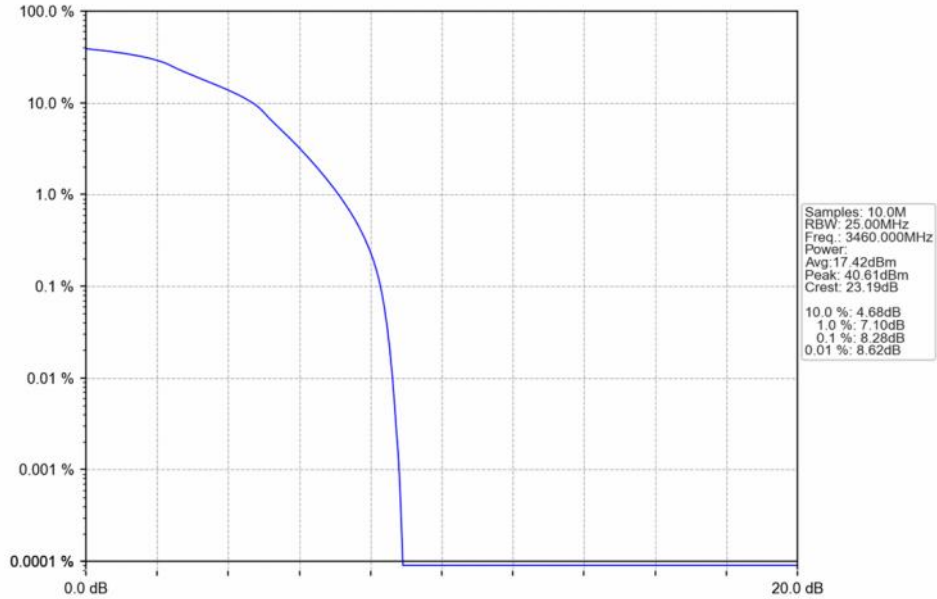
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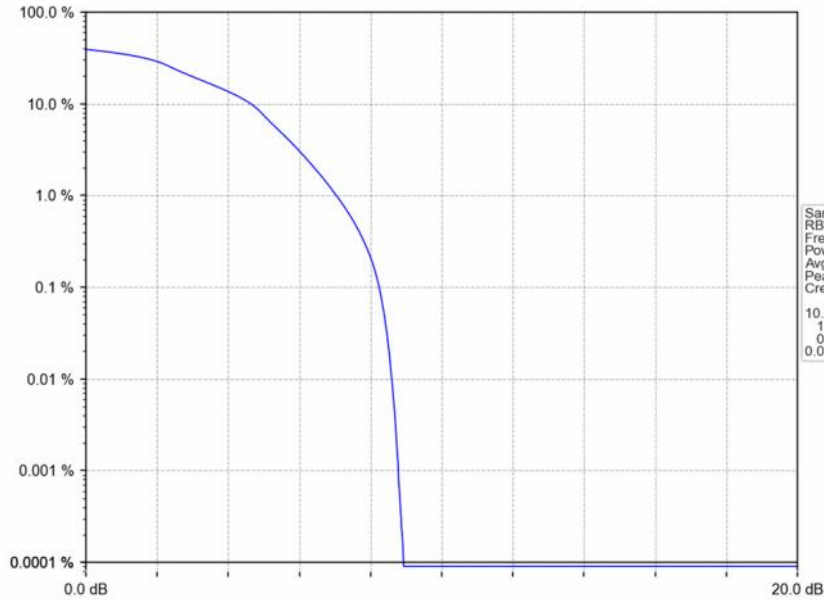
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Band42a_20MHz_16QAM_HCH_3540MHz_RB_100_0_NTNV



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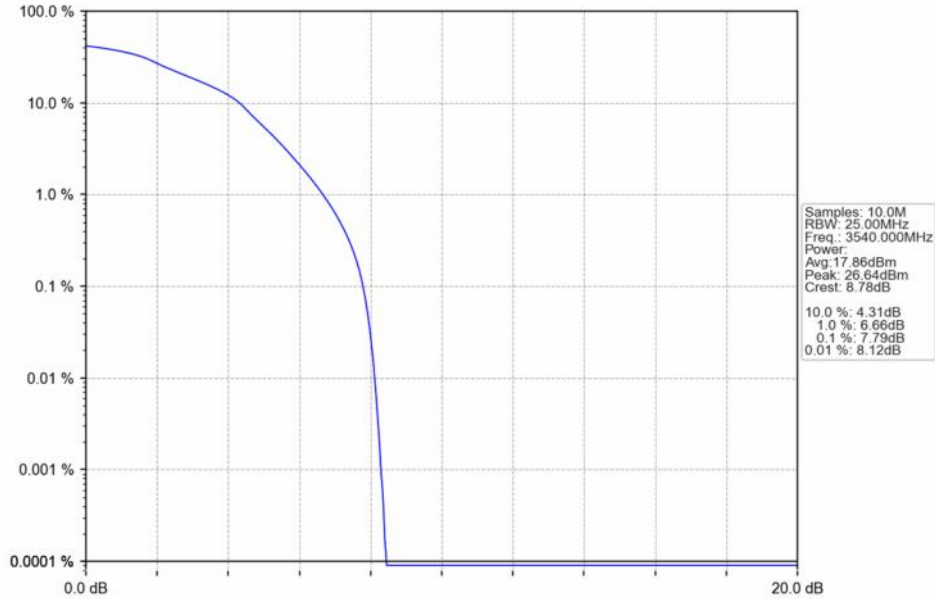
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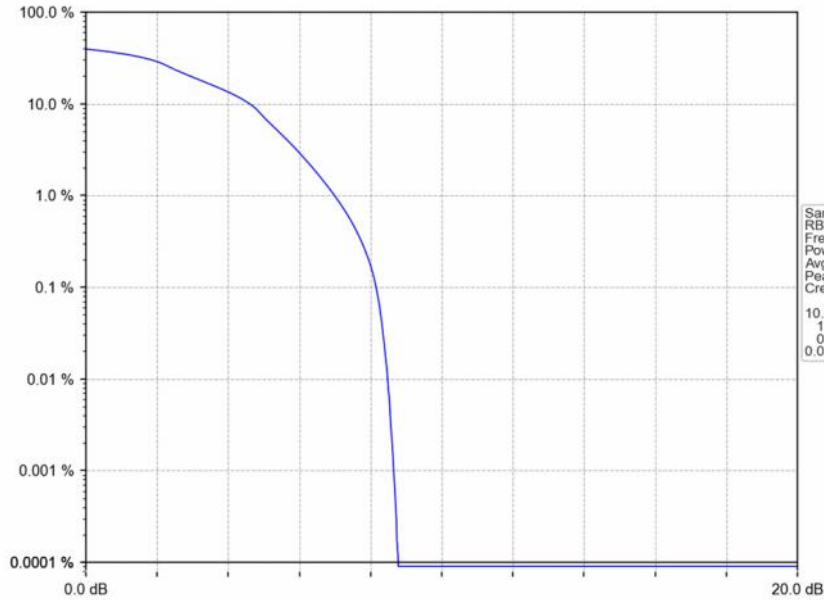
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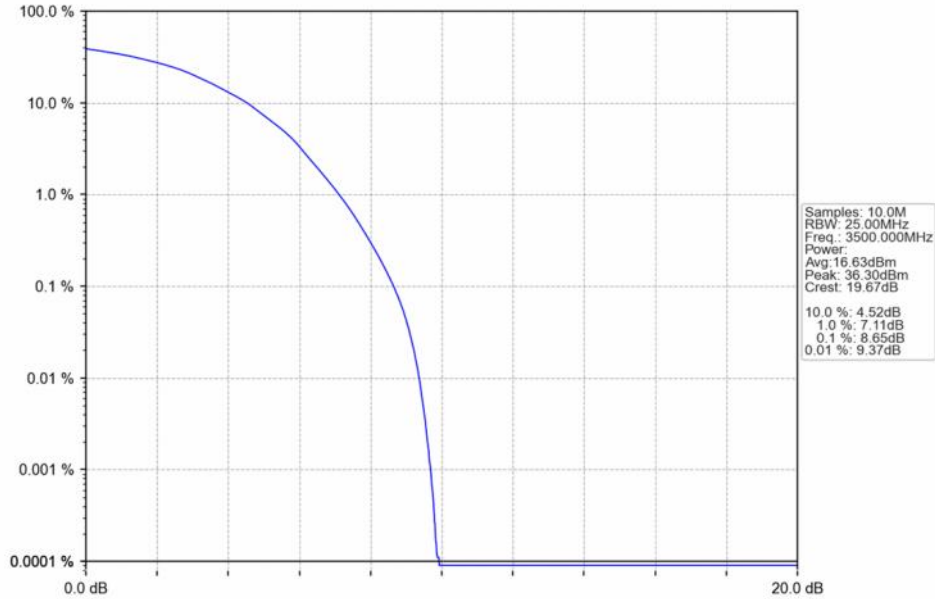
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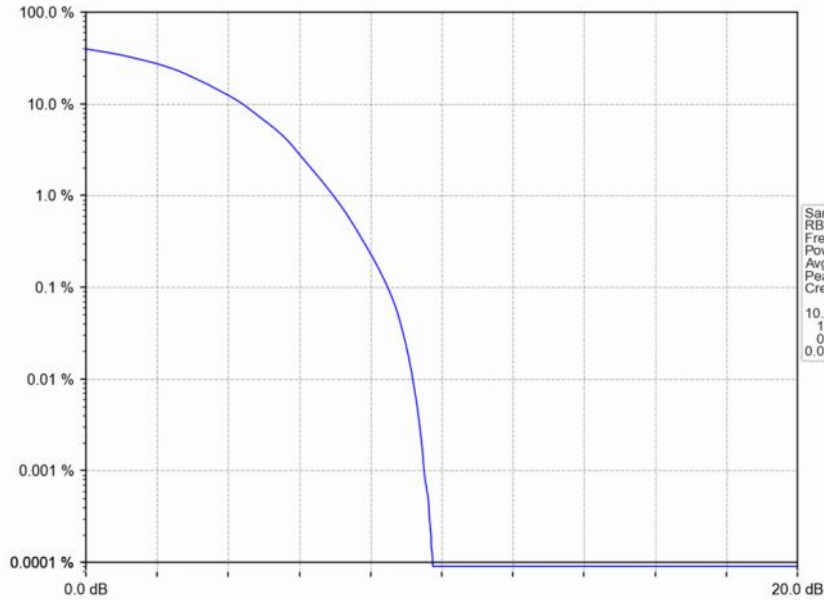
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Band42a_20MHz_64QAM_HCH_3540MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_LCH_3460MHz_RB_100_0_NTNV



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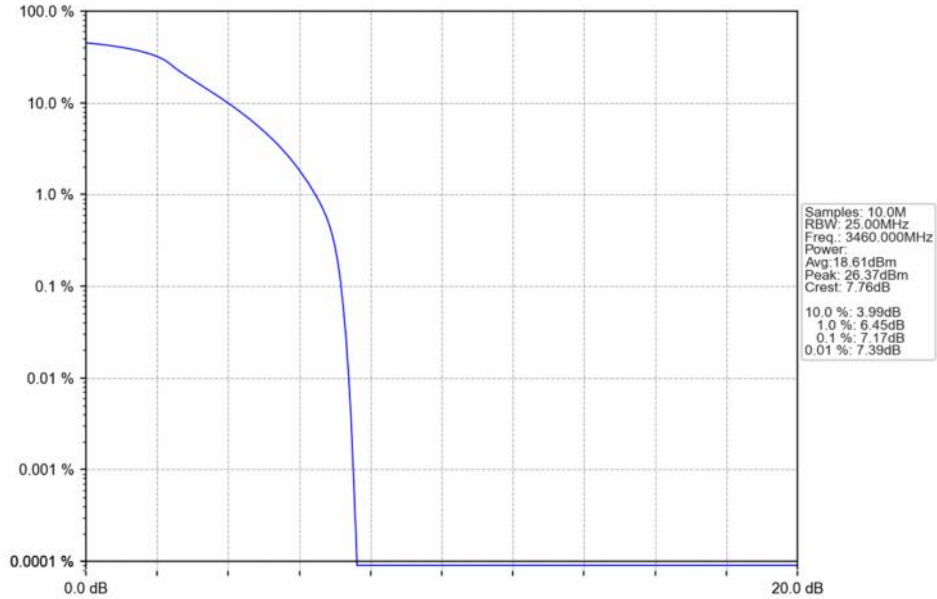
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