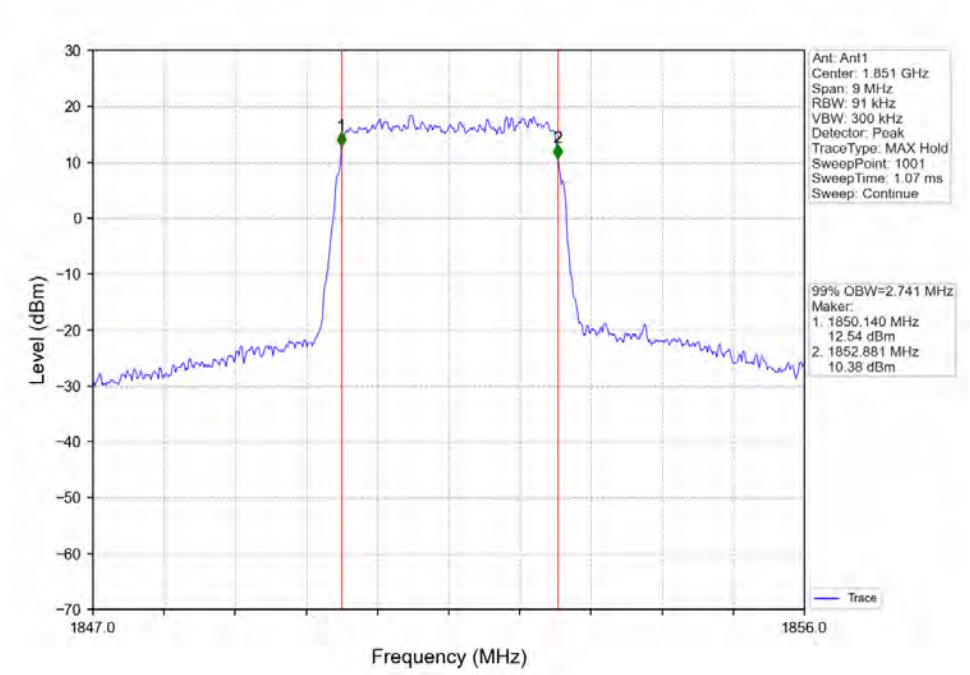
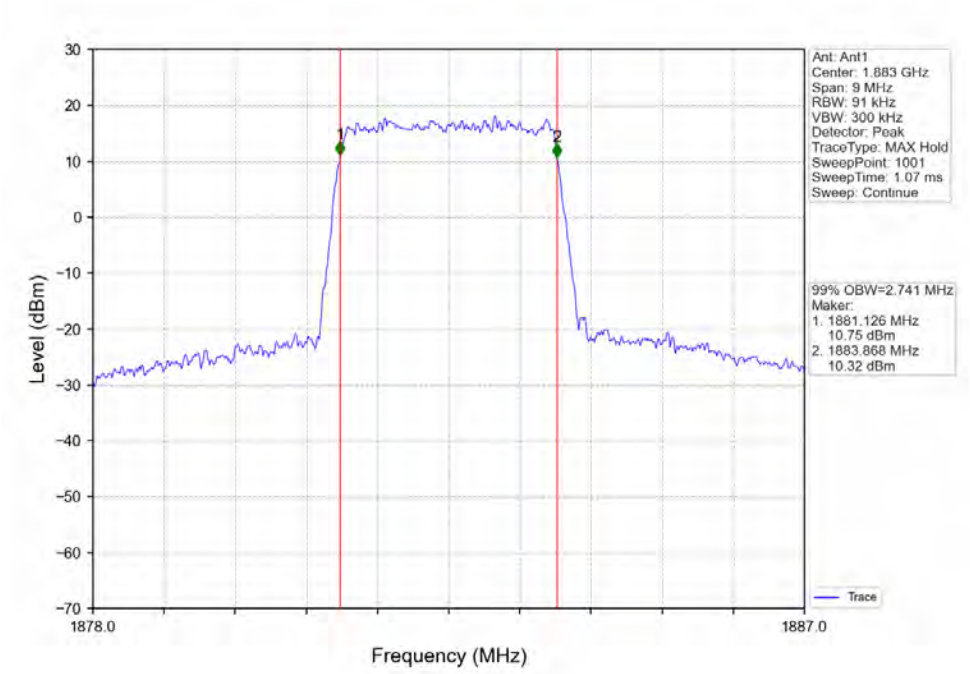
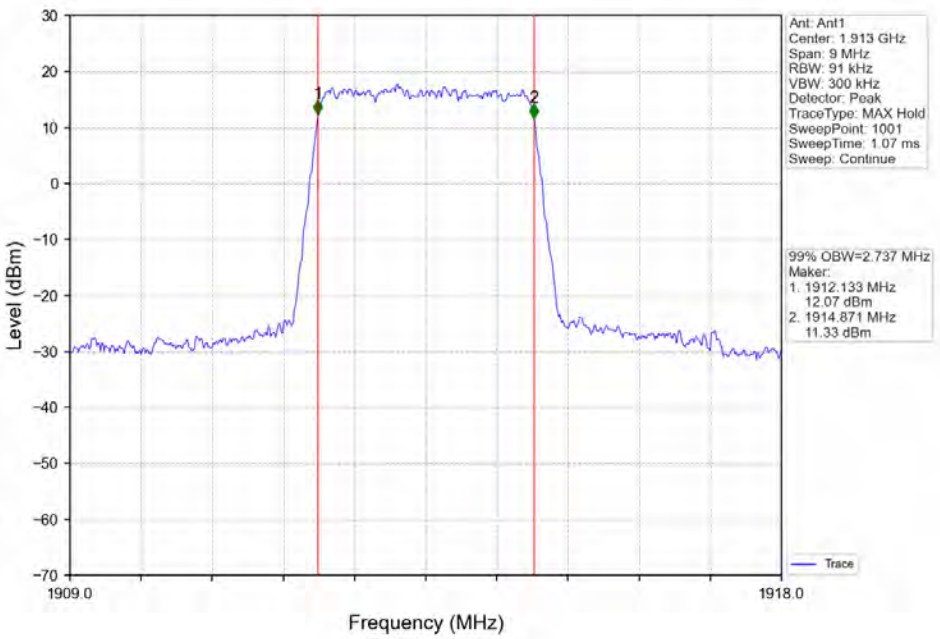
Band_25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

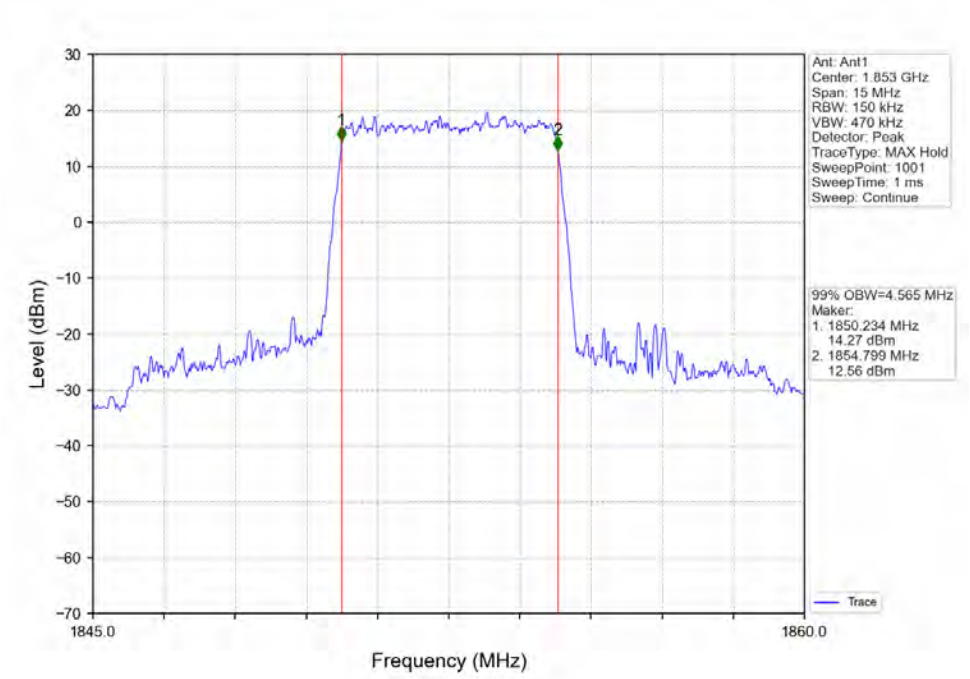


Band_25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV

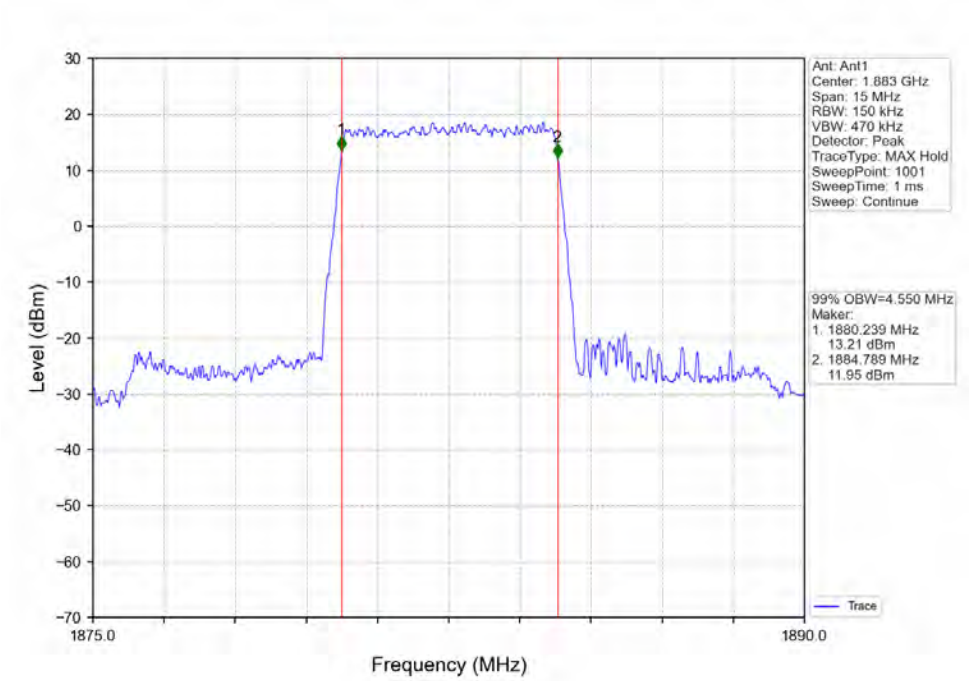


Band_25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV


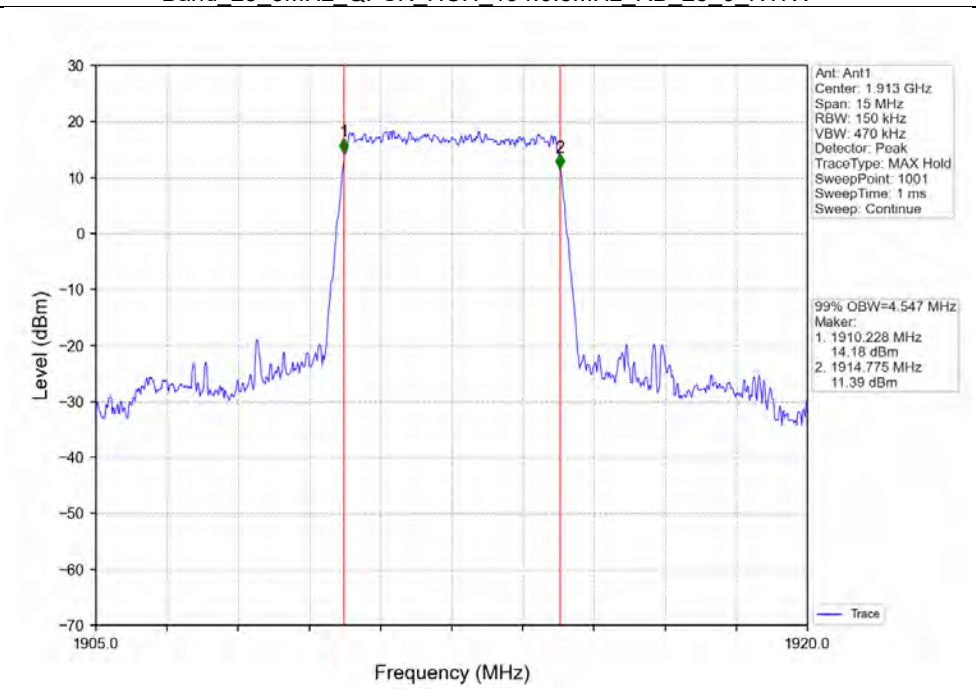
Band_25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



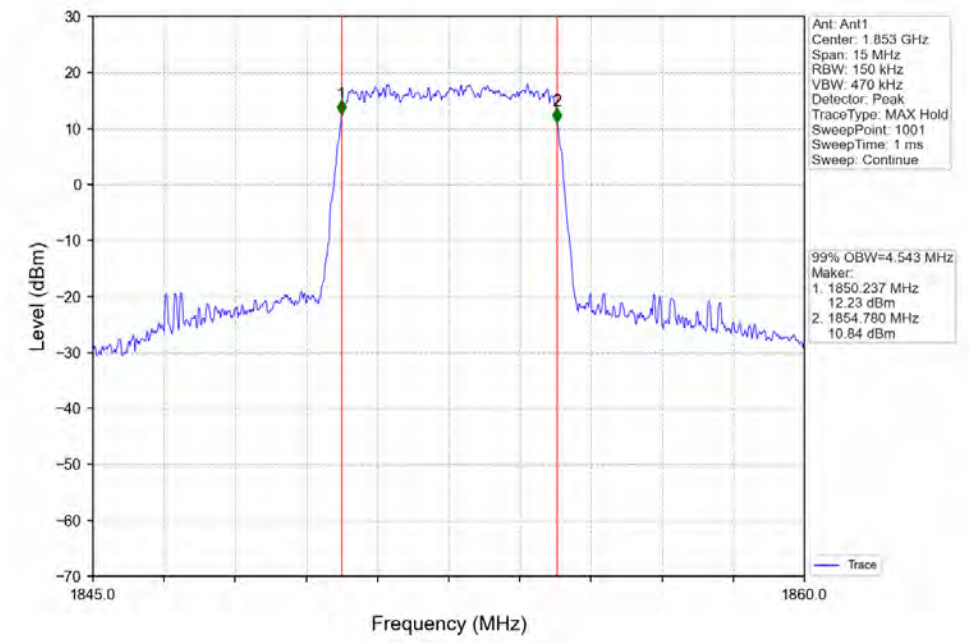
Band_25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



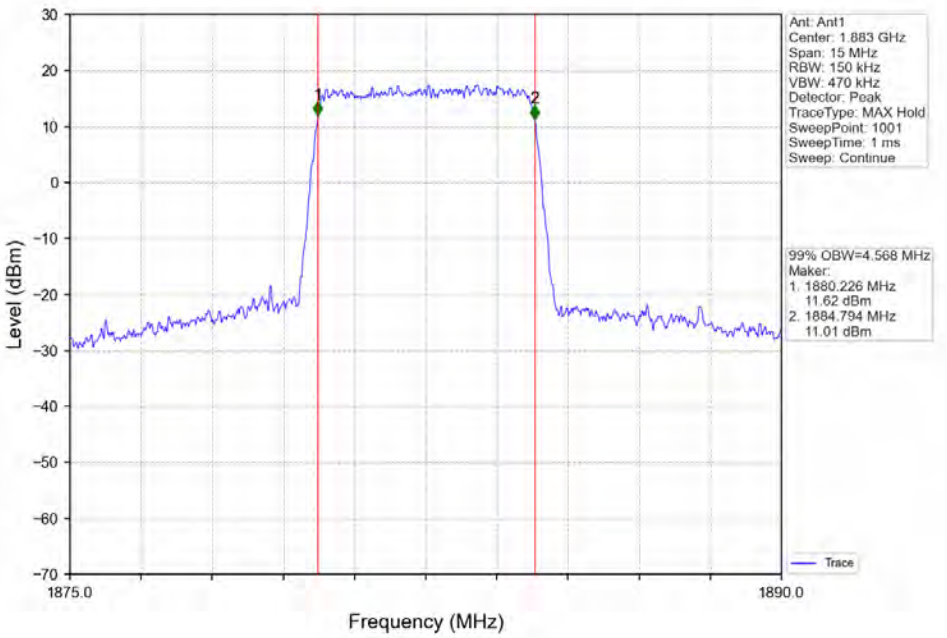
Band_25_5MHz_QPSK_HCH_194.0.5MHz_RB_25_0_NTNV



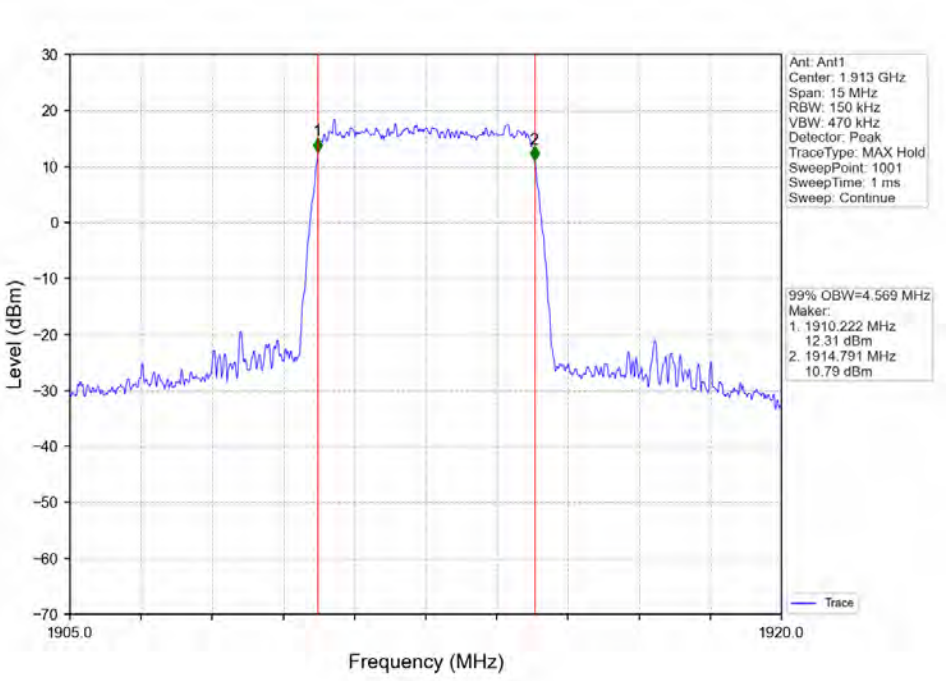
Band_25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



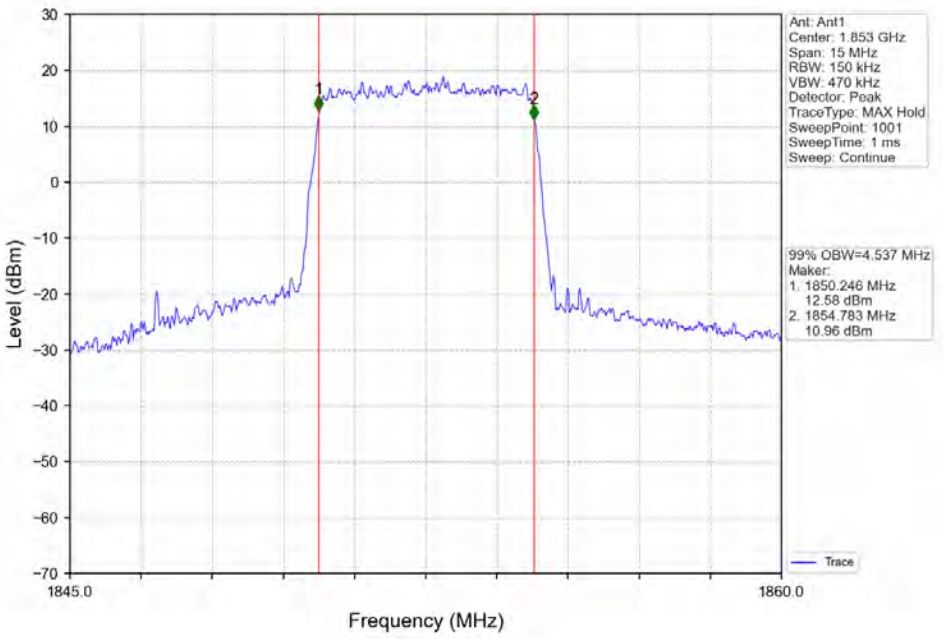
Band_25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



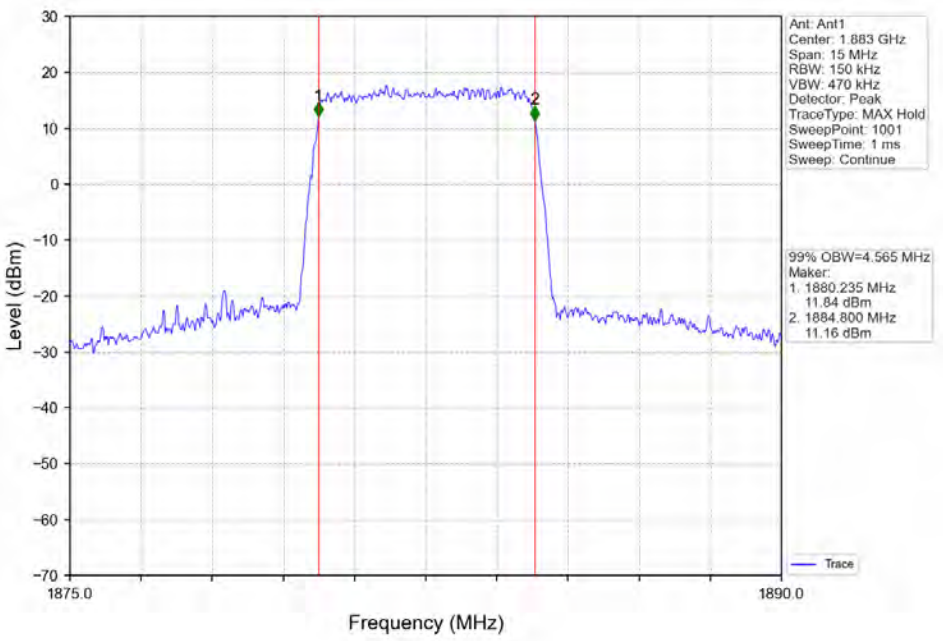
Band_25_5MHz_16QAM_HCH_194.0.5MHz_RB_25_0_NTNV



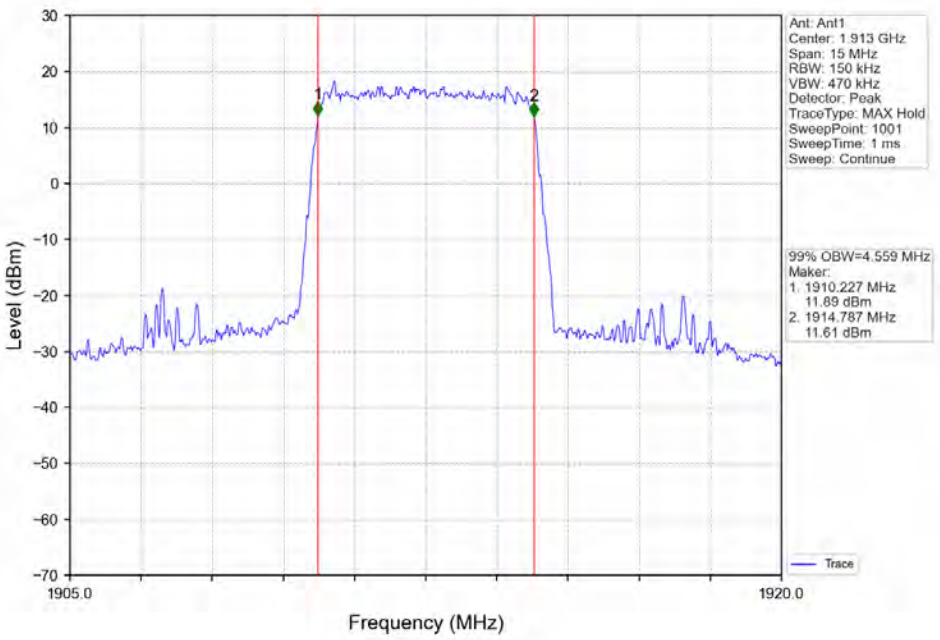
Band_25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



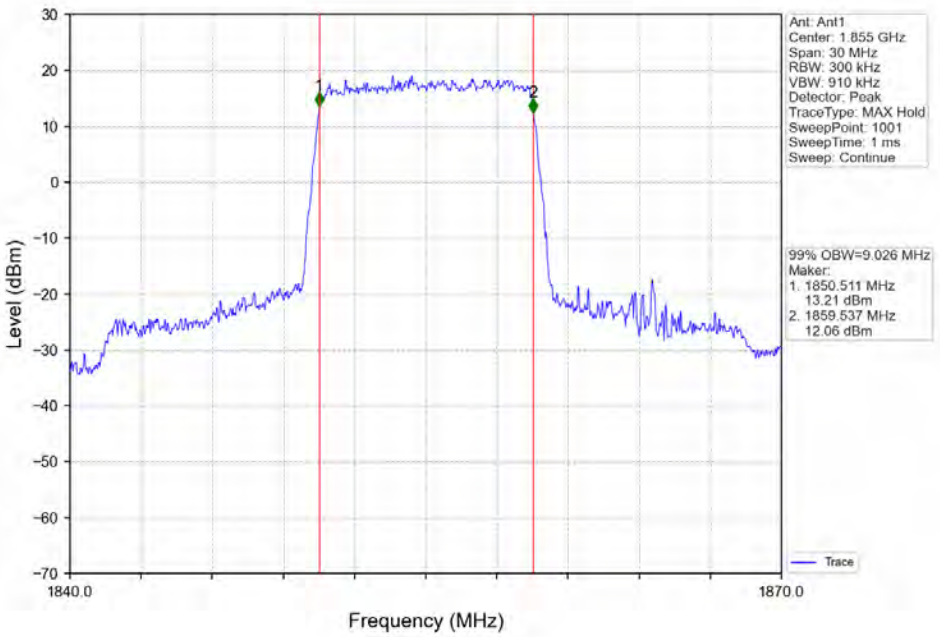
Band_25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



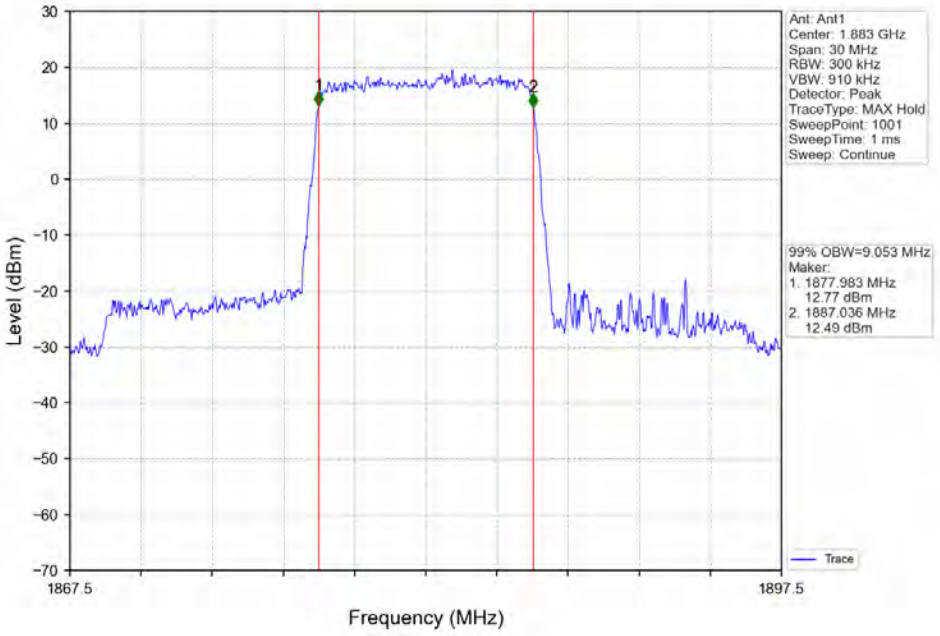
Band_25_5MHz_64QAM_HCH_194.0.5MHz_RB_25_0_NTNV



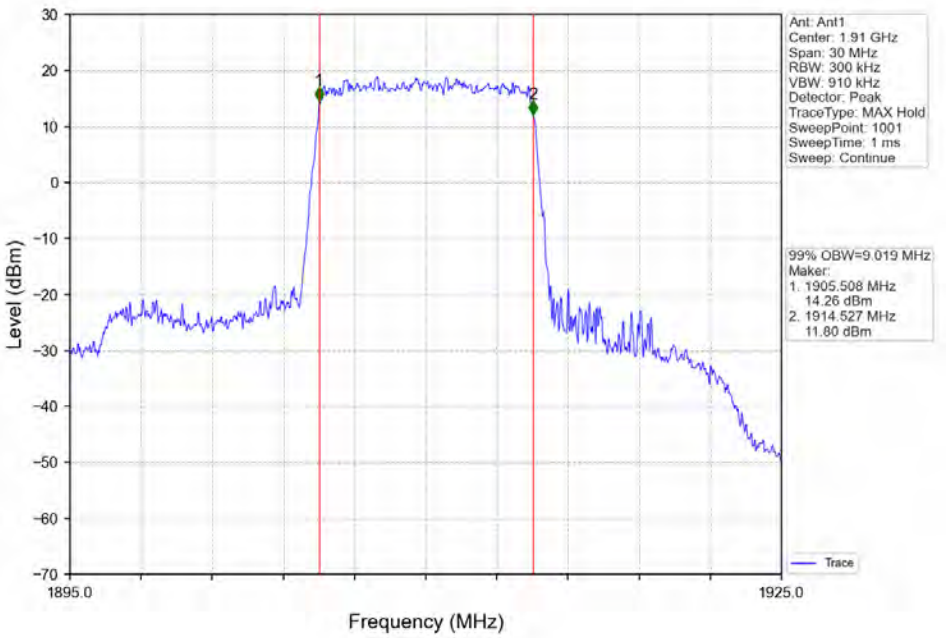
Band_25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



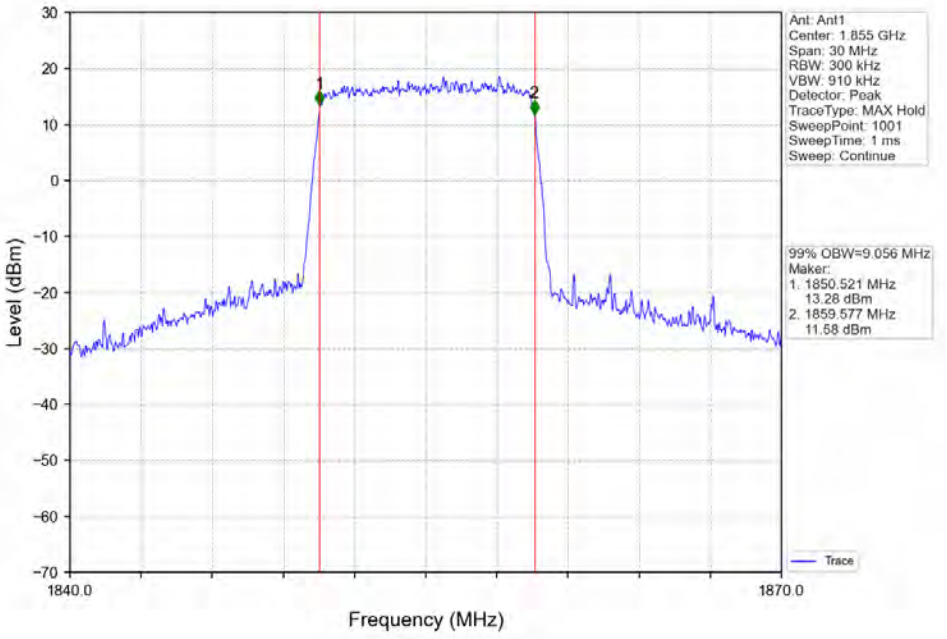
Band_25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



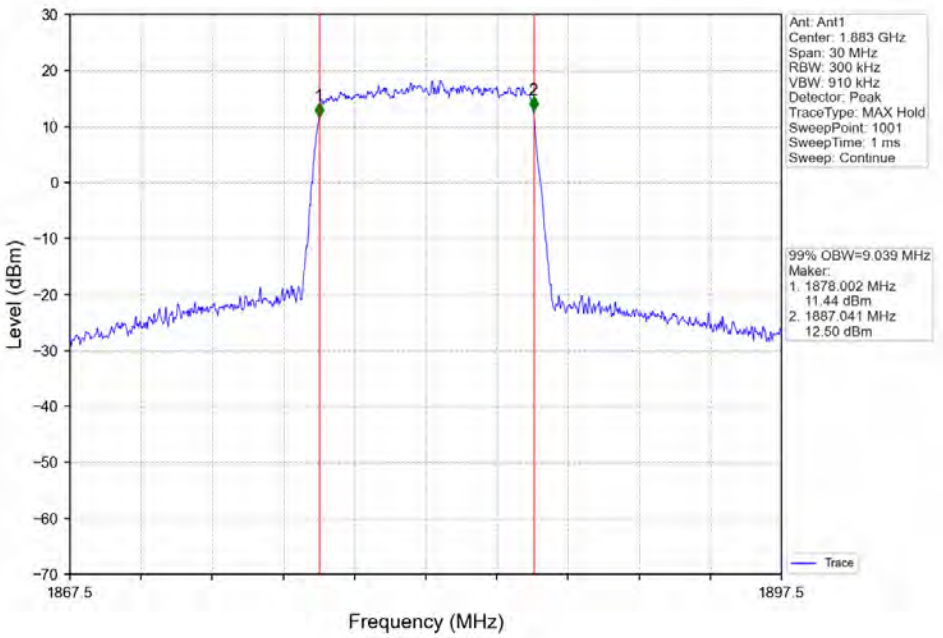
Band_25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



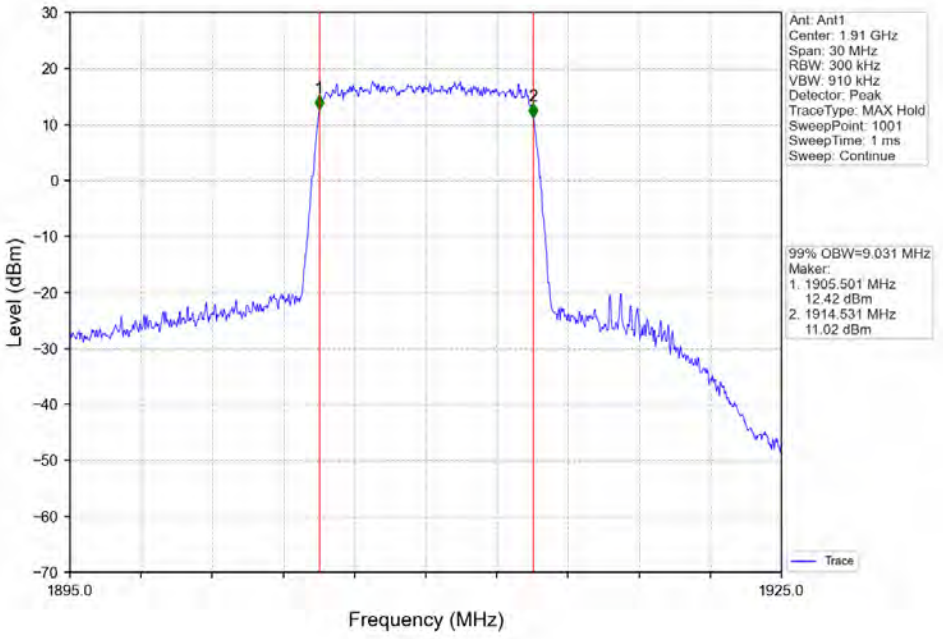
Band_25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



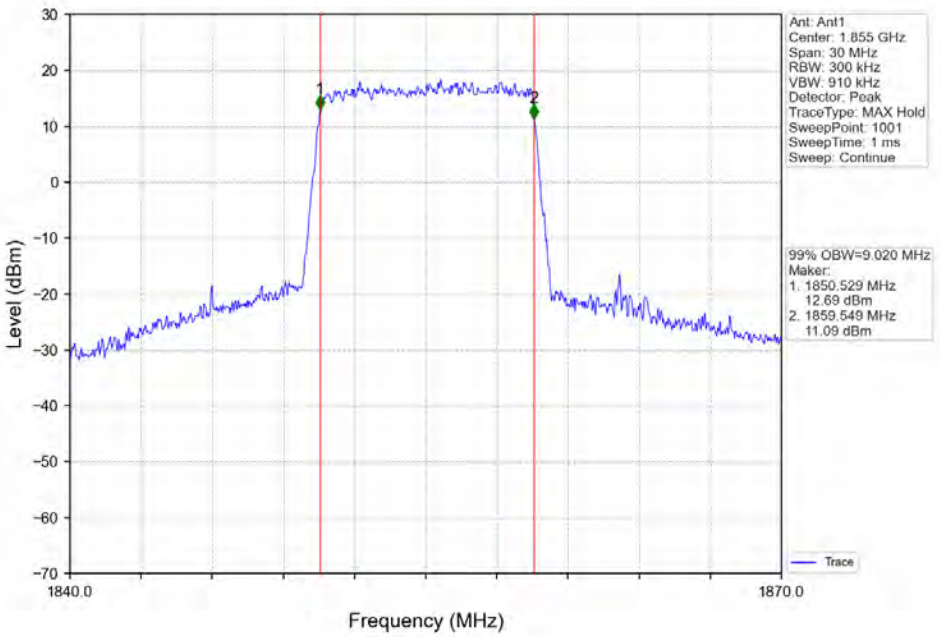
Band_25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



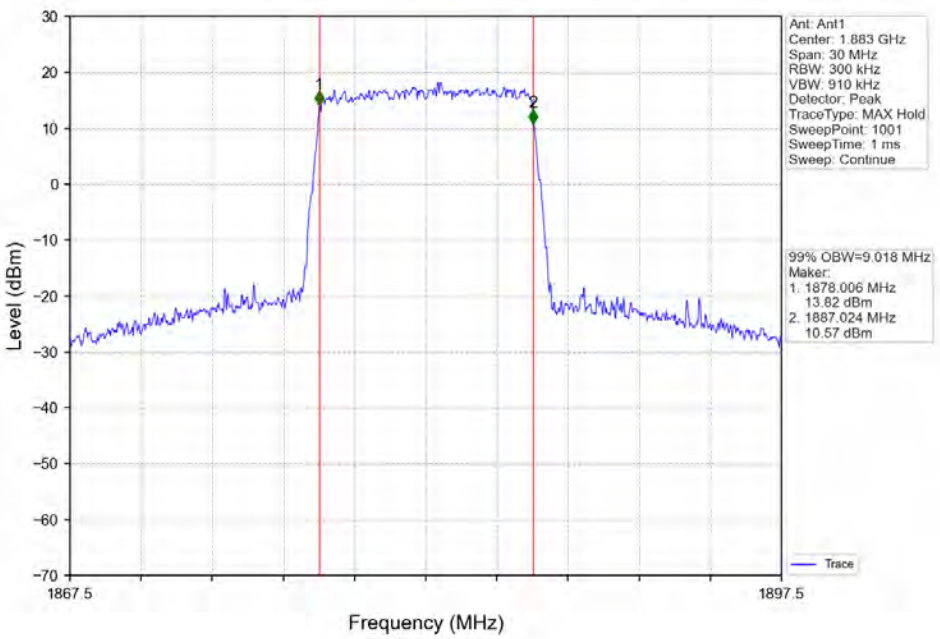
Band_25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

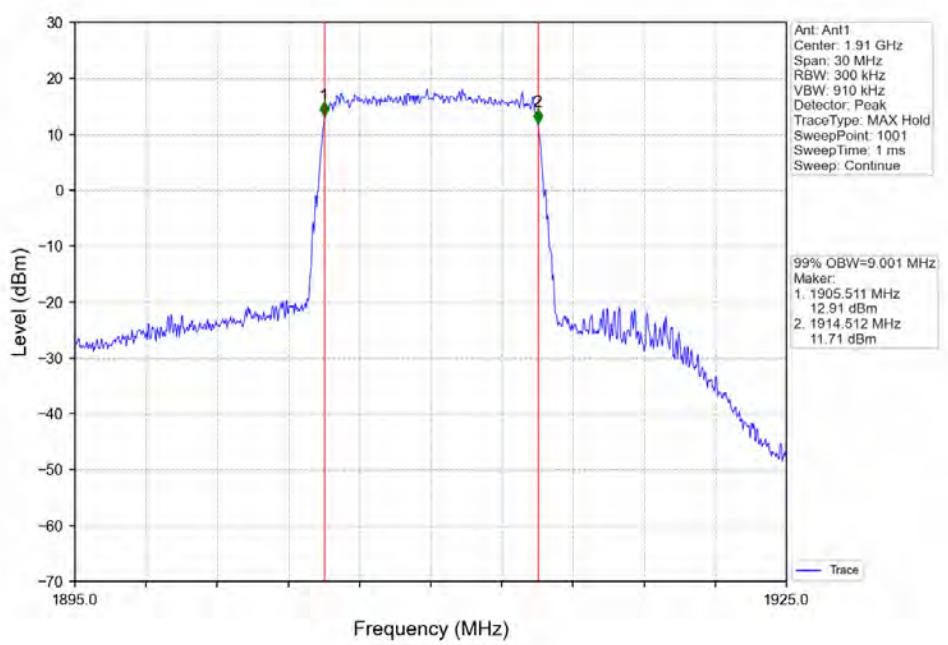


Band_25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

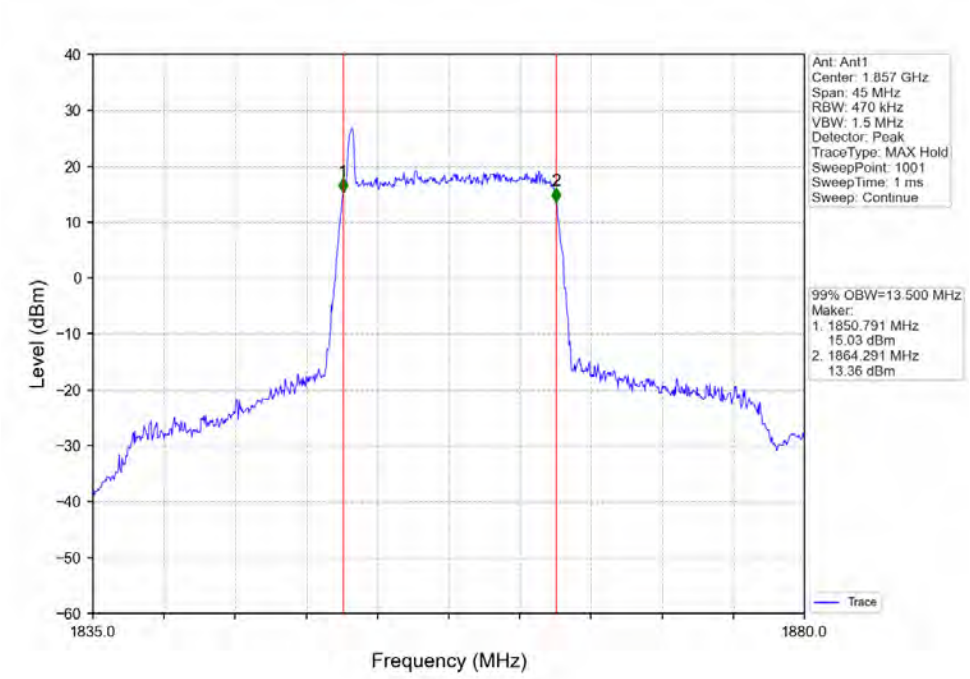


Band_25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV

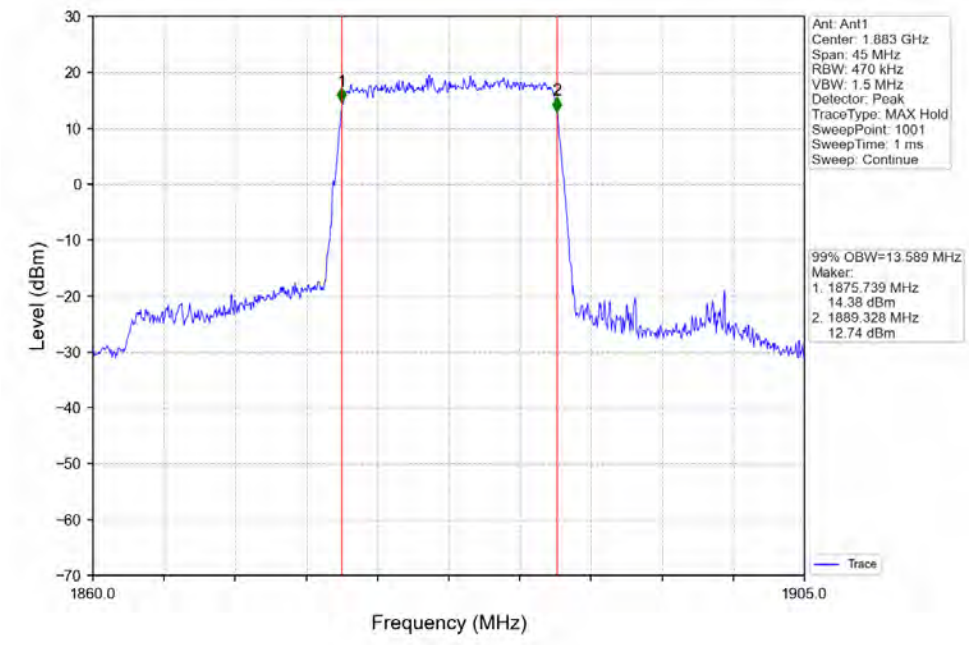


Band_25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV


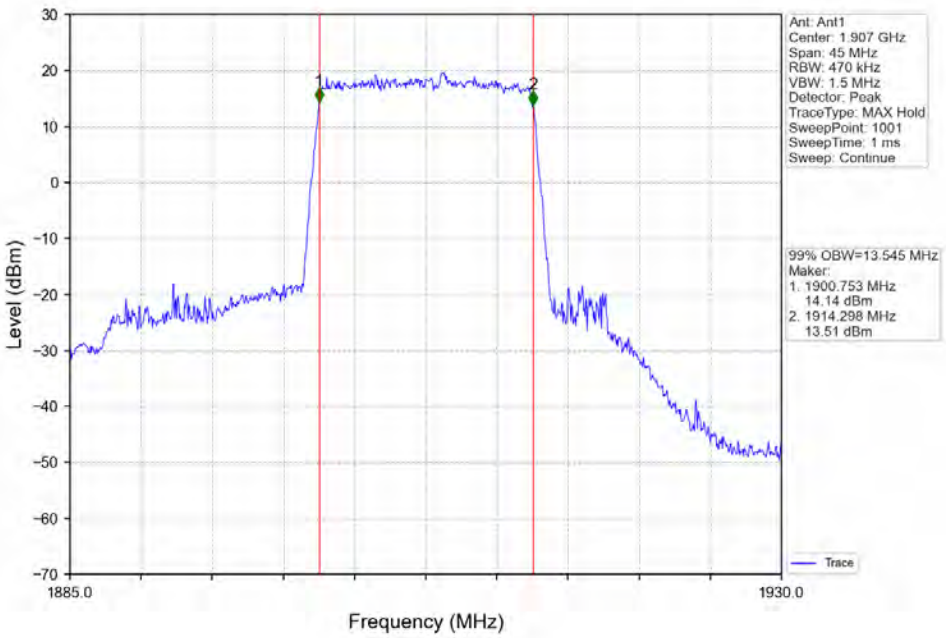
Band_25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



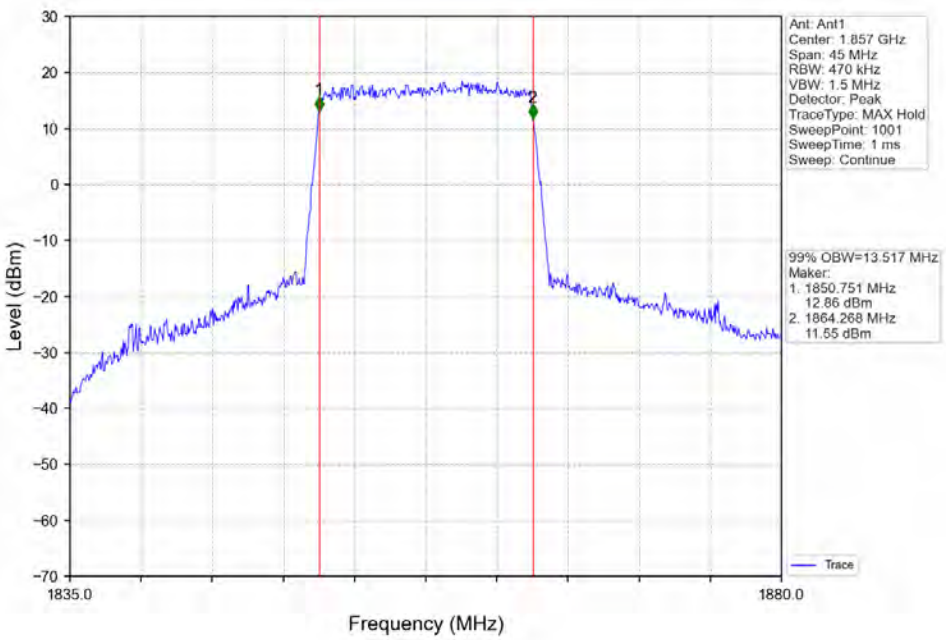
Band_25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



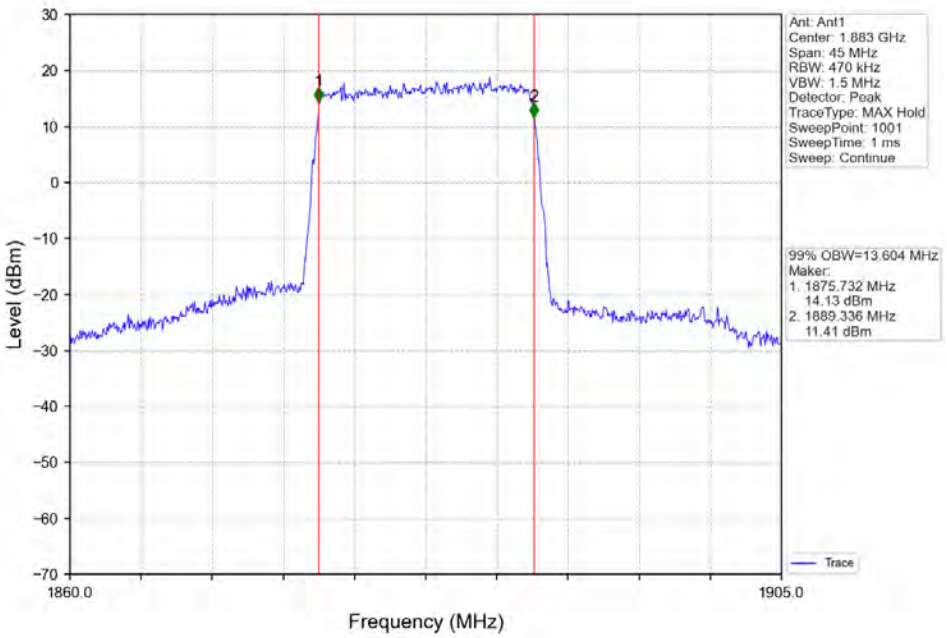
Band_25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



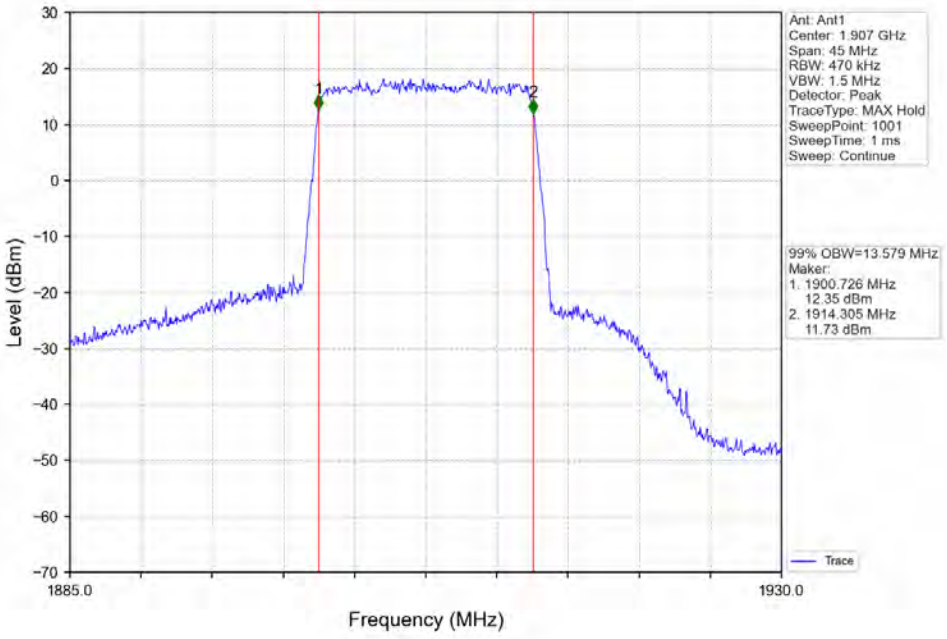
Band_25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



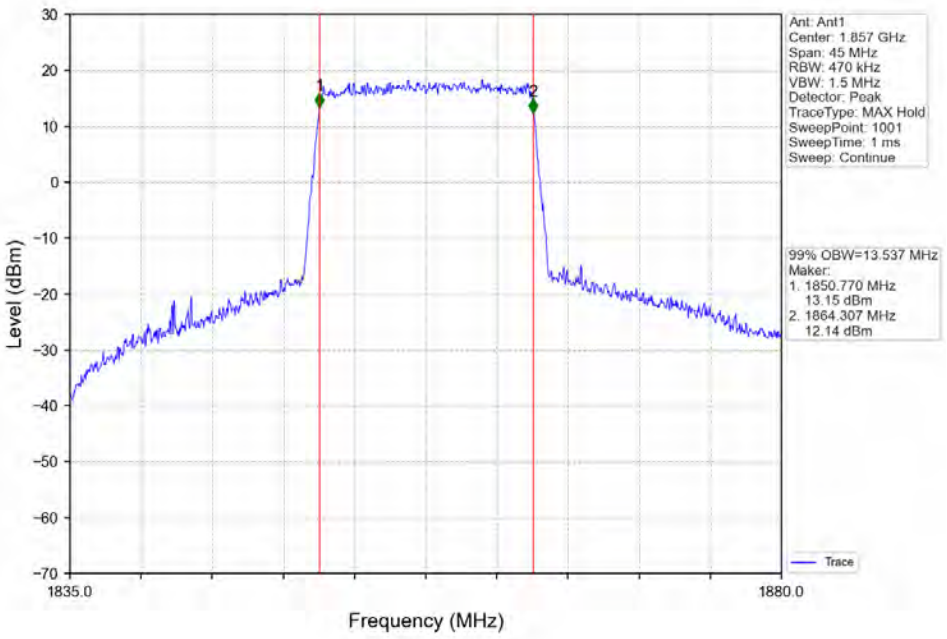
Band_25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



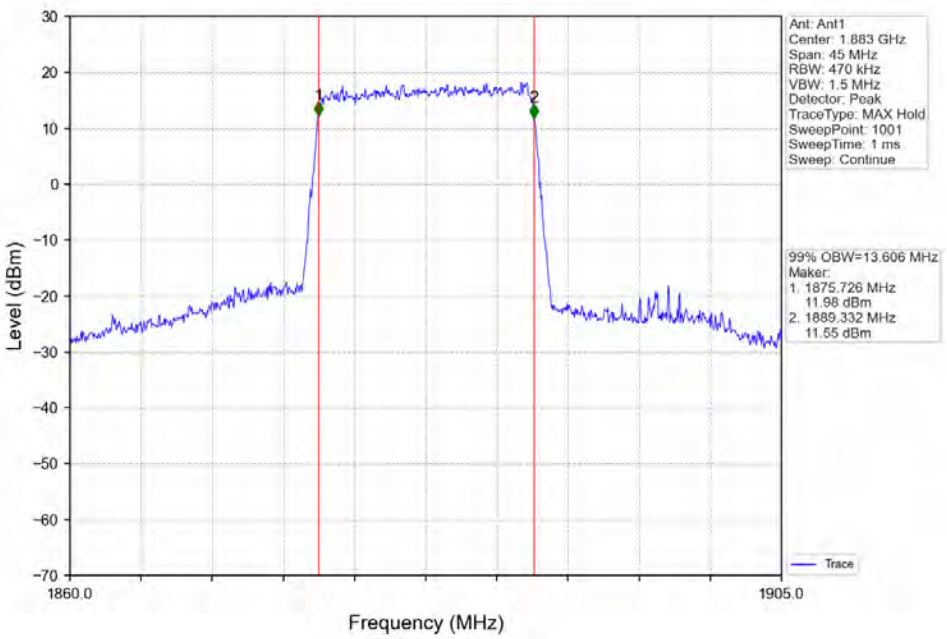
Band_25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

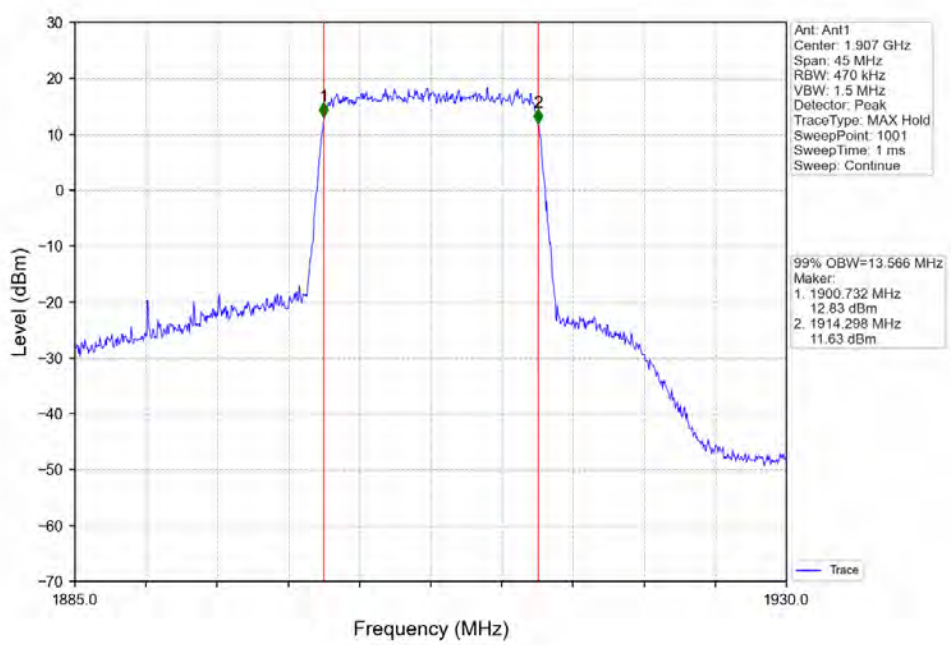


Band_25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV

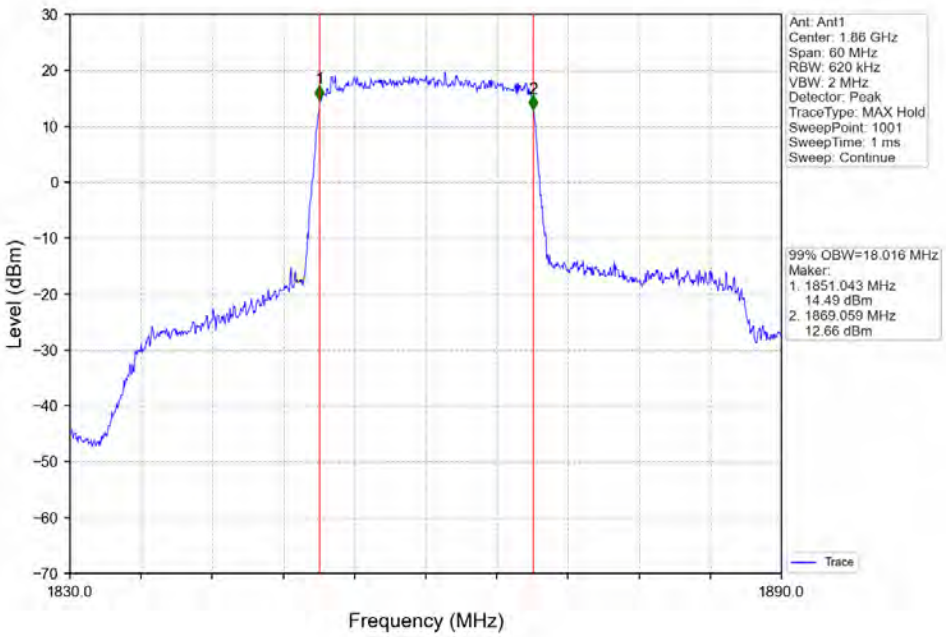


Band_25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV

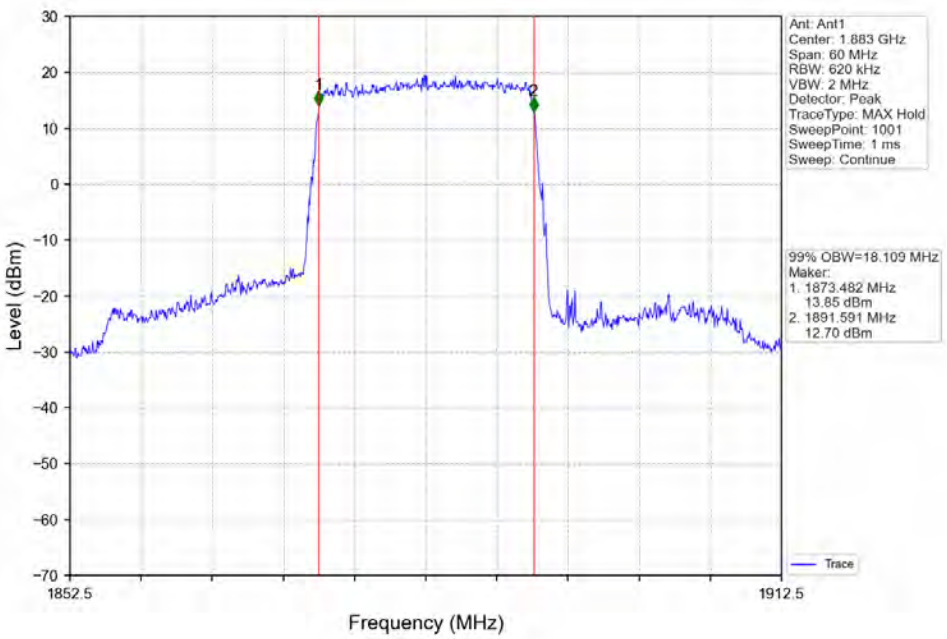


Band_25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV


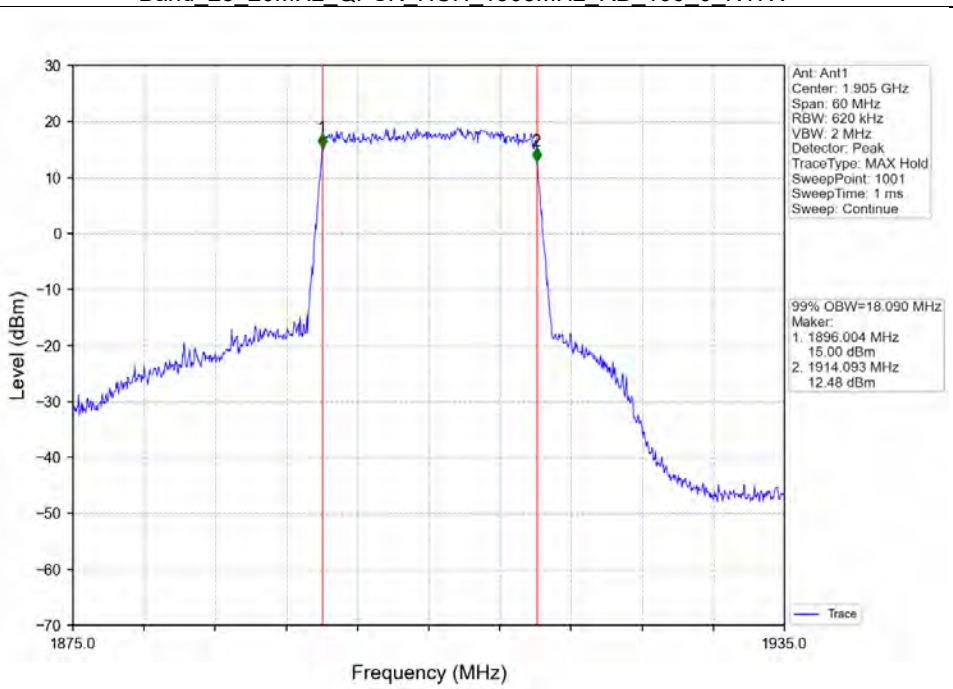
Band_25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



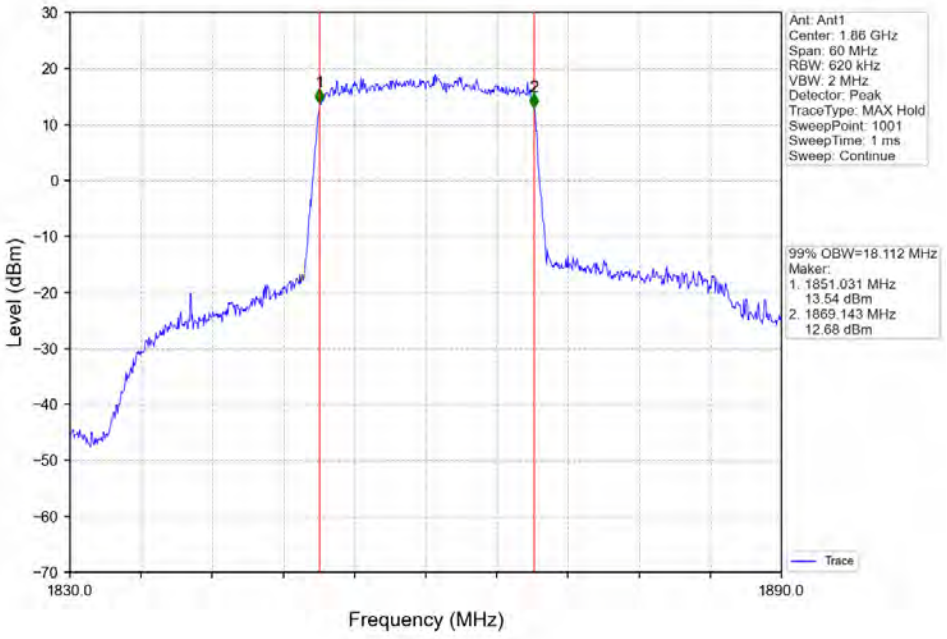
Band_25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



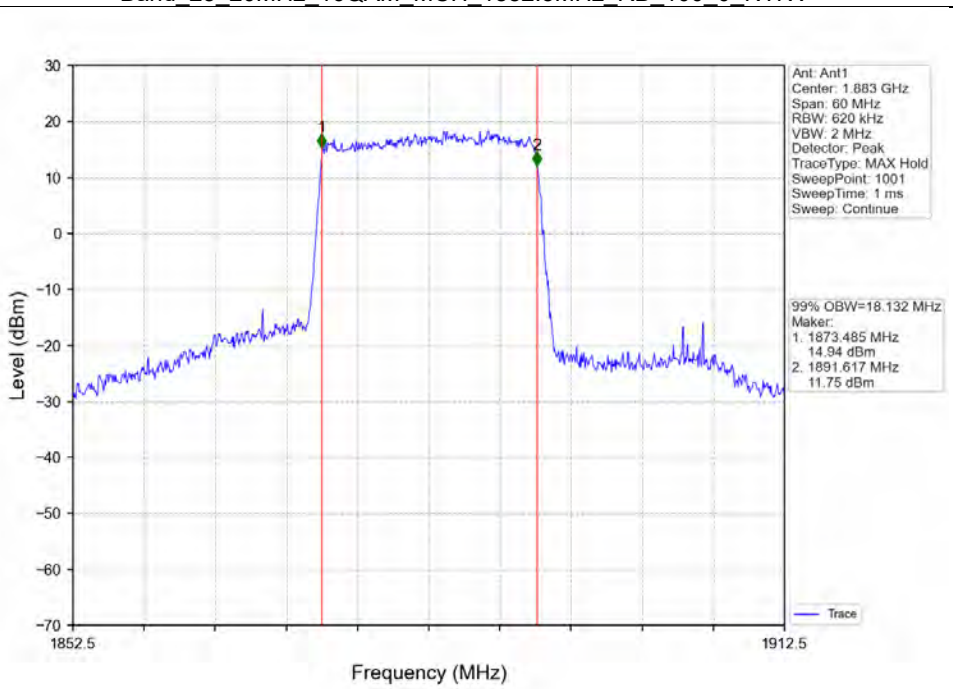
Band_25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



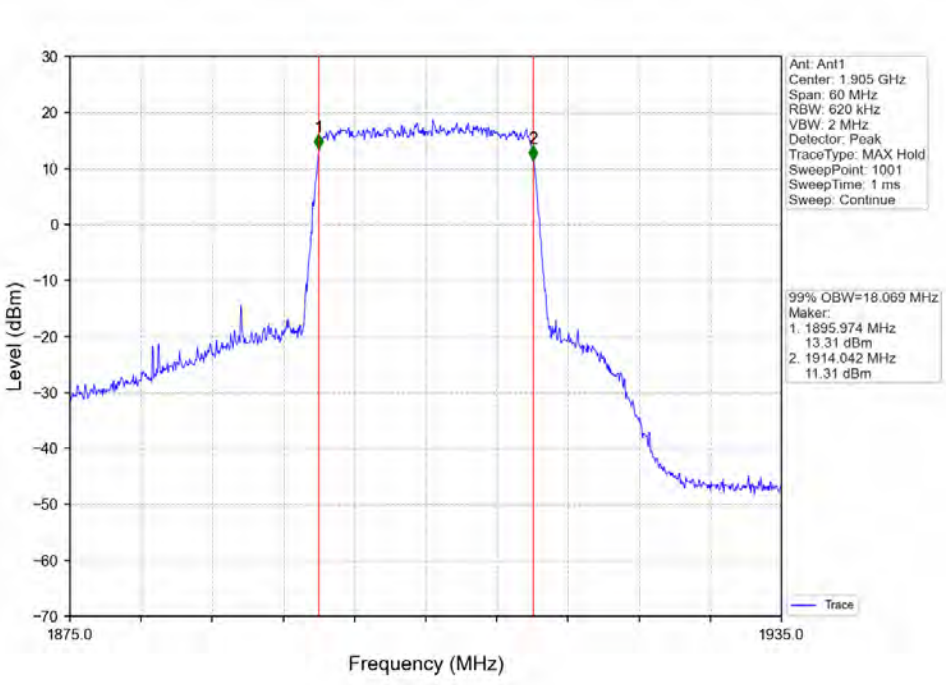
Band_25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



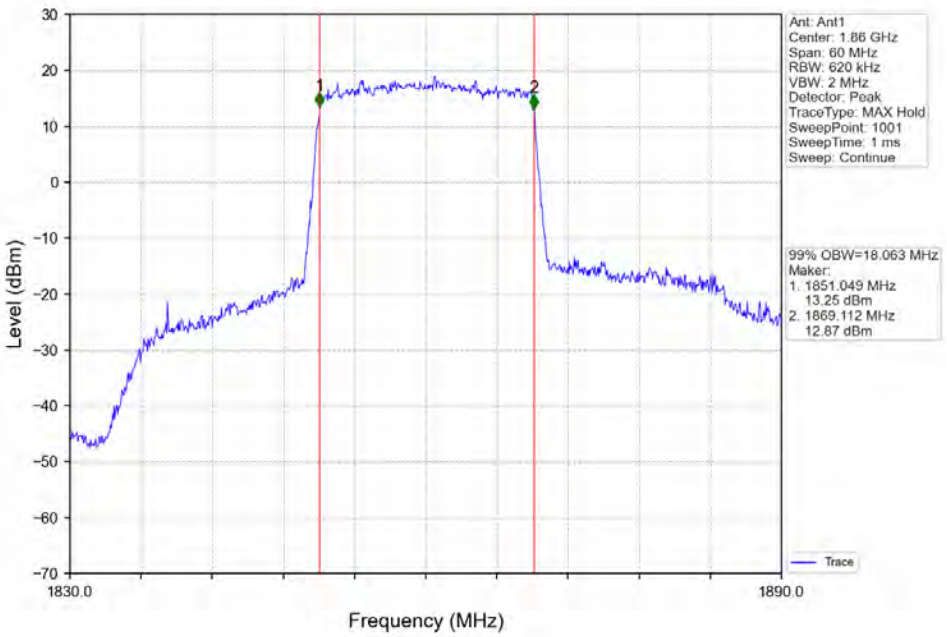
Band_25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



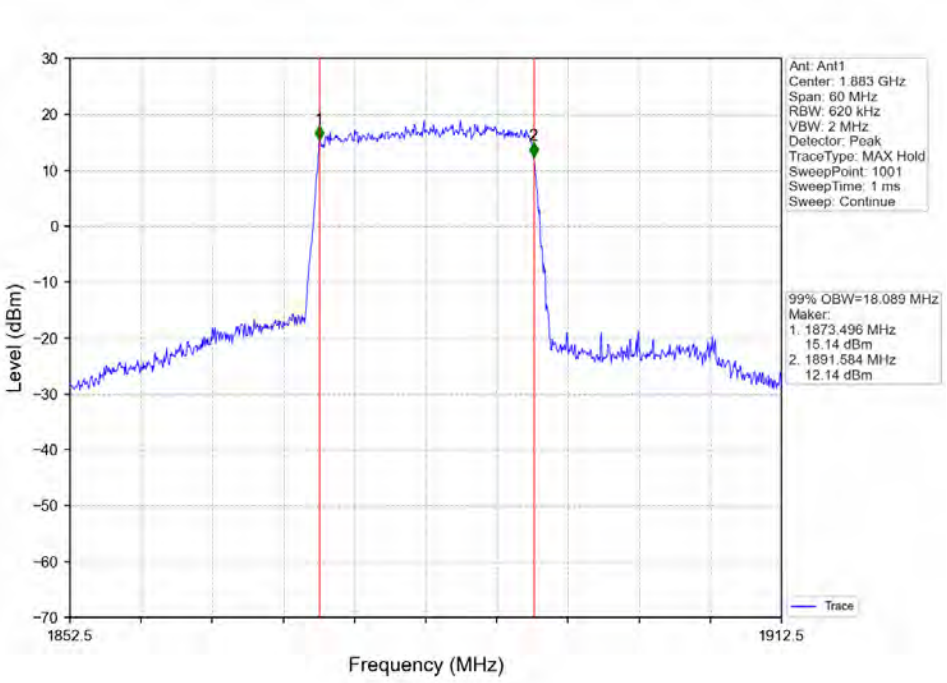
Band_25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



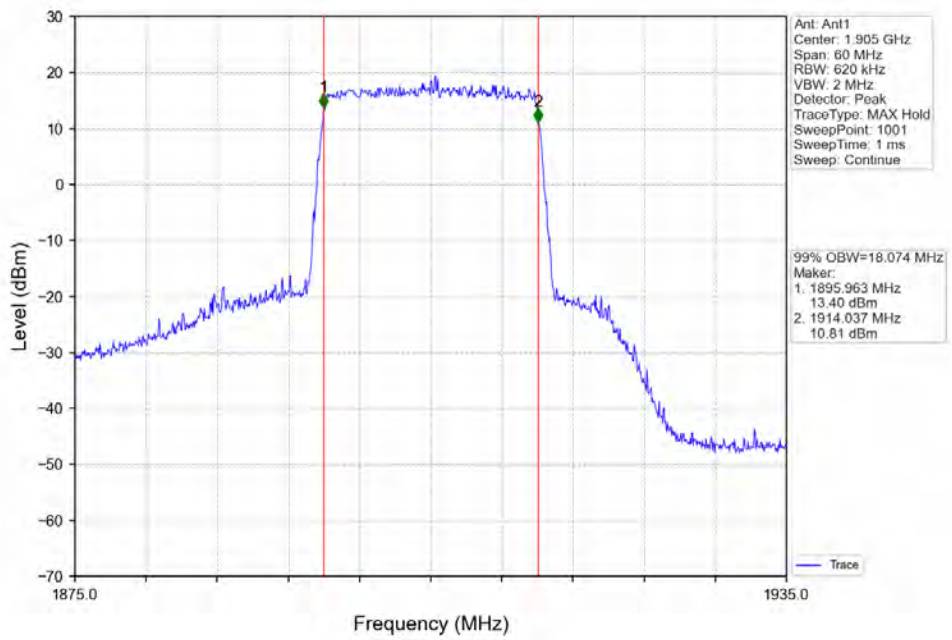
Band_25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



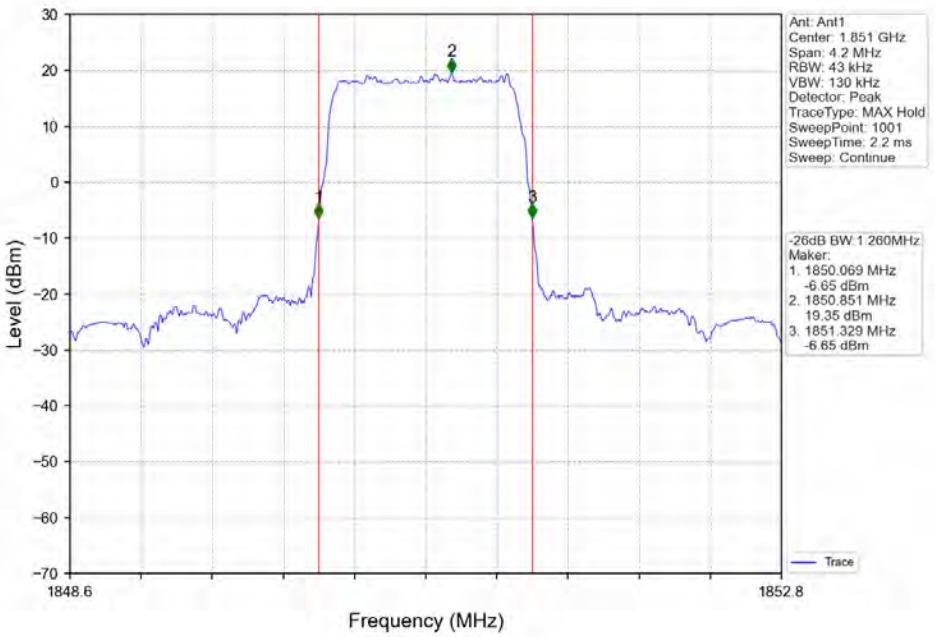
2.8 LTE Band 25

2.8.1 Test Result

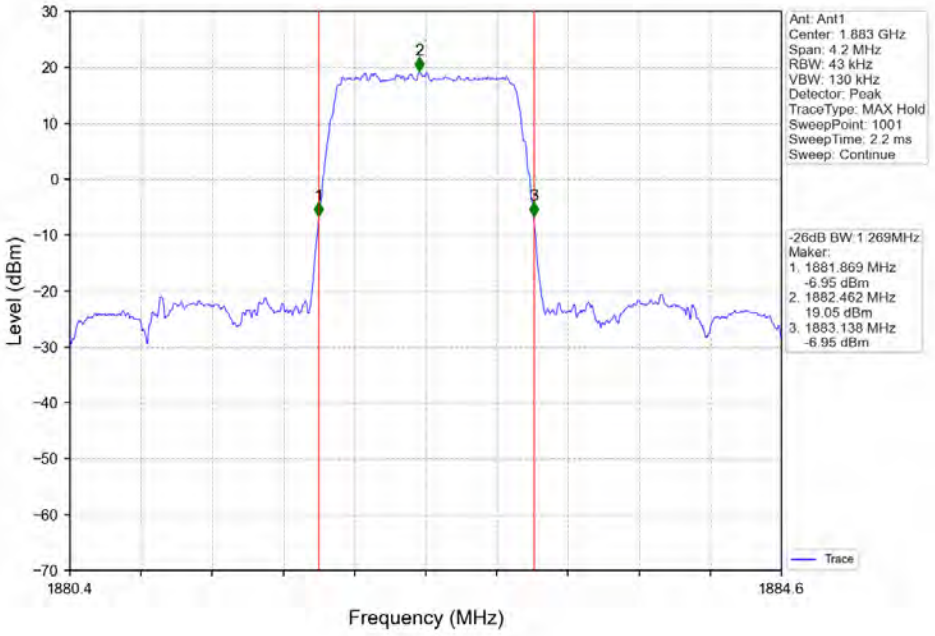
Band: 25 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.260	1.269	1.262	/	Pass
16QAM	6	0	1.271	1.252	1.269	/	Pass
64QAM	6	0	1.255	1.263	1.252	/	Pass
Band: 25 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.079	3.078	3.080	/	Pass
16QAM	15	0	3.088	3.090	3.051	/	Pass
64QAM	15	0	3.048	3.072	3.081	/	Pass
Band: 25 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.060	5.036	5.025	/	Pass
16QAM	25	0	5.031	5.067	5.058	/	Pass
64QAM	25	0	5.008	5.089	5.058	/	Pass
Band: 25 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.990	9.911	9.977	/	Pass
16QAM	50	0	9.921	9.935	9.952	/	Pass
64QAM	50	0	9.973	9.960	9.976	/	Pass
Band: 25 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	14.427	14.910	14.835	/	Pass
16QAM	75	0	14.921	14.925	15.006	/	Pass
64QAM	75	0	14.946	14.899	14.886	/	Pass
Band: 25 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	19.74.0	19.920	19.804	/	Pass
16QAM	100	0	19.746	19.725	19.759	/	Pass
64QAM	100	0	19.662	19.806	19.759	/	Pass

2.8.2 Test Graph

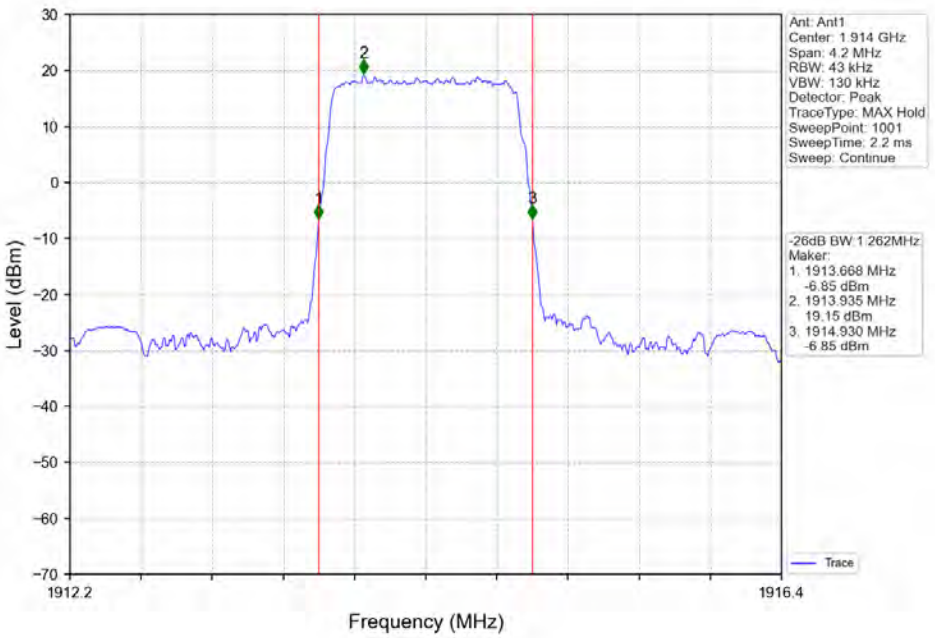
Band_25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



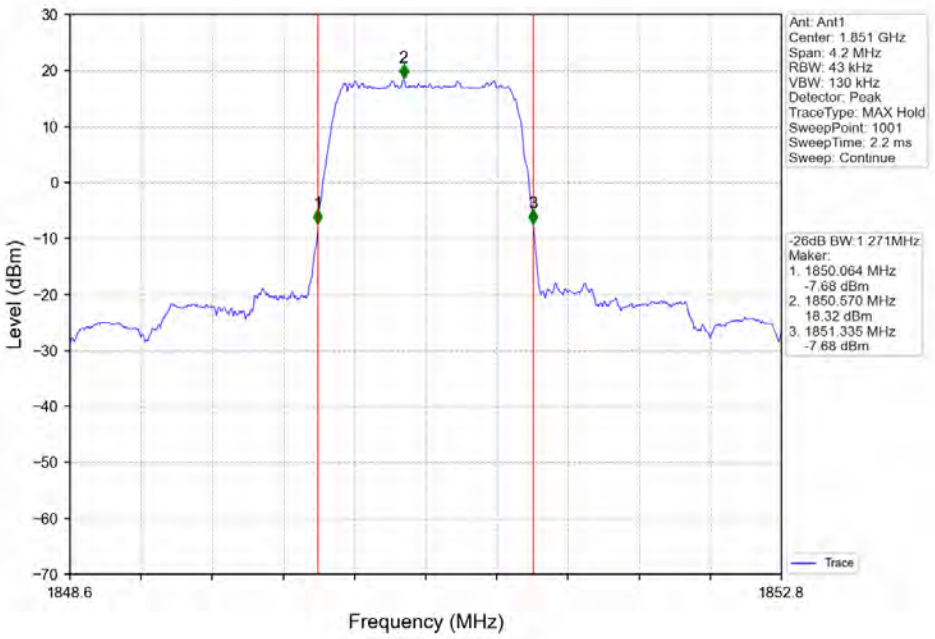
Band_25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



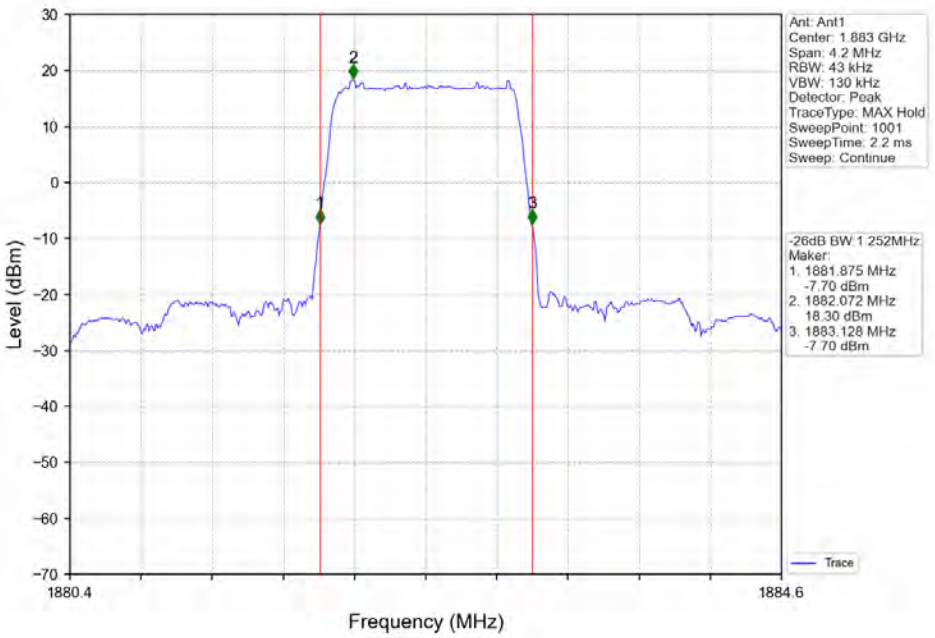
Band_25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



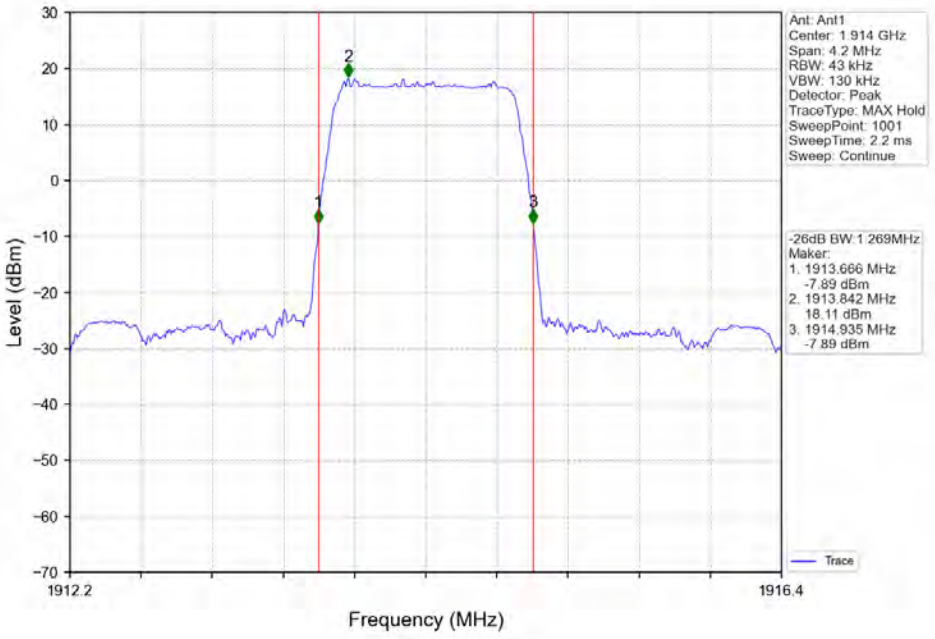
Band_25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



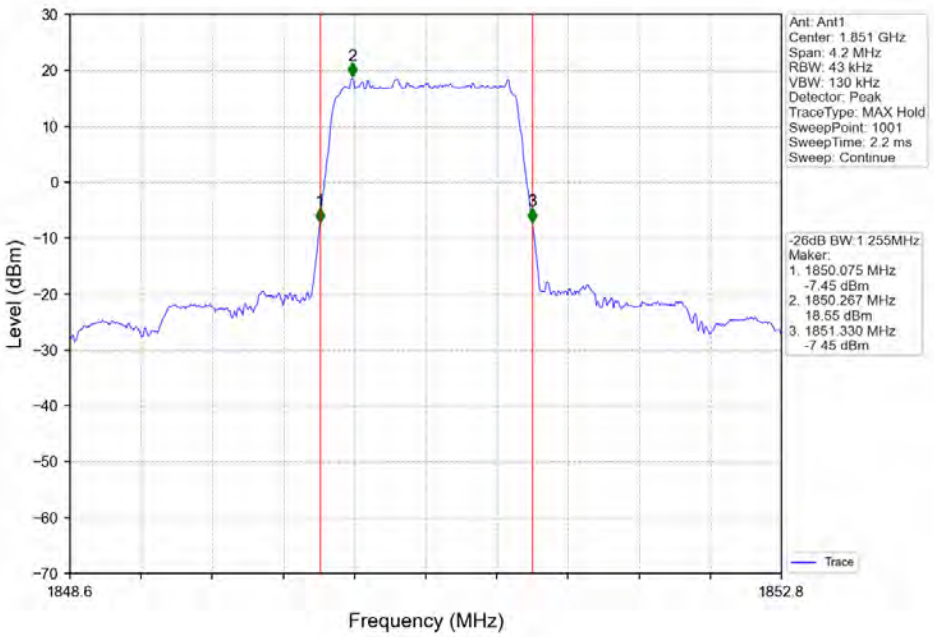
Band_25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



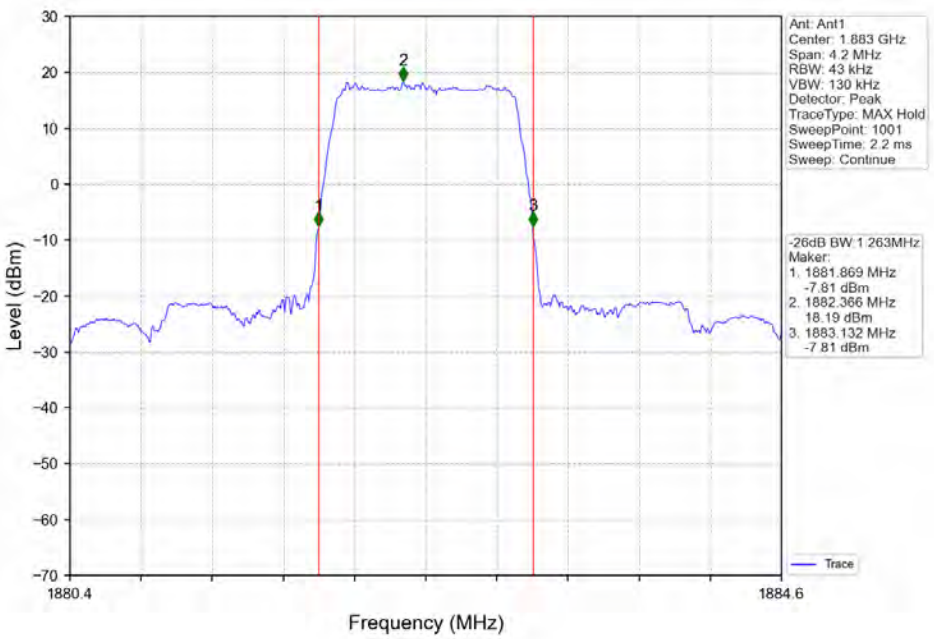
Band_25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



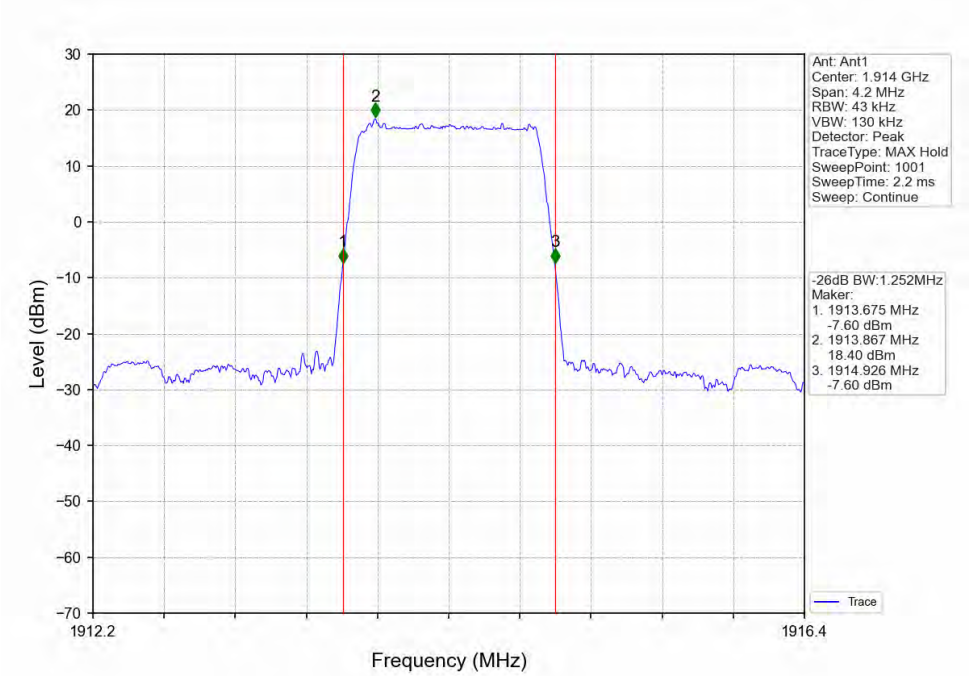
Band_25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



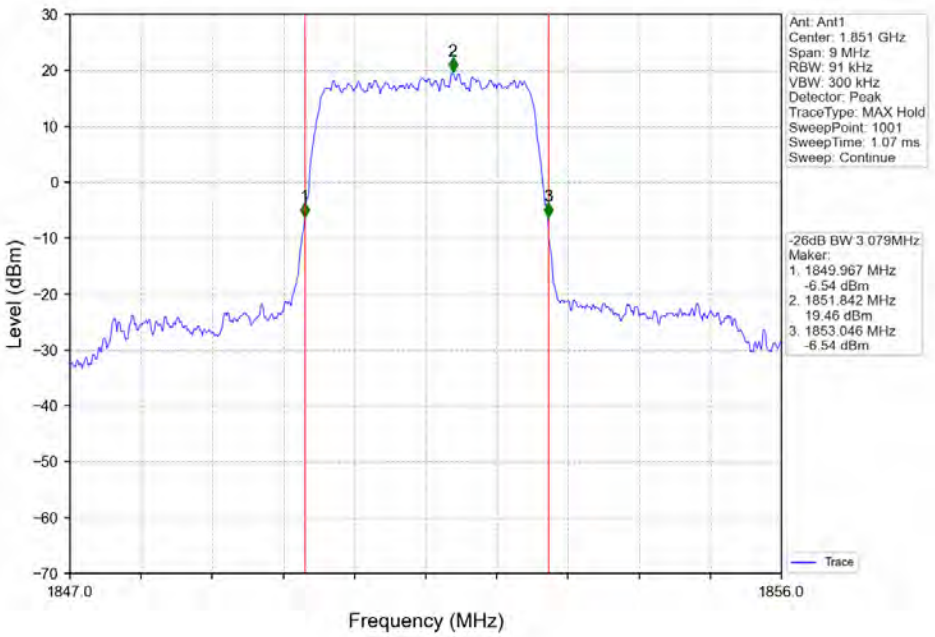
Band_25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



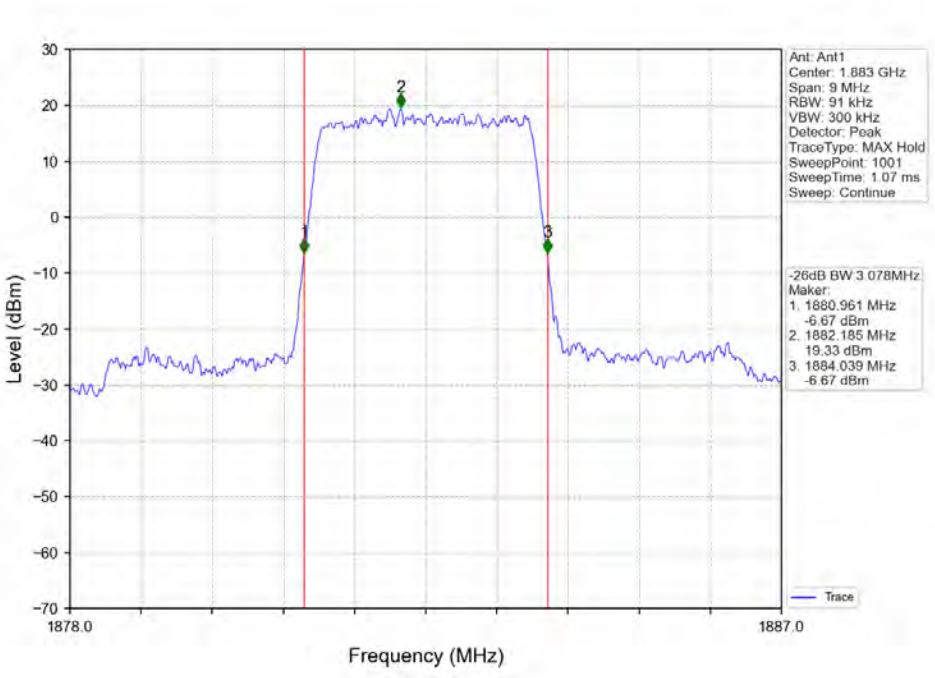
Band_25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Band_25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Band_25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



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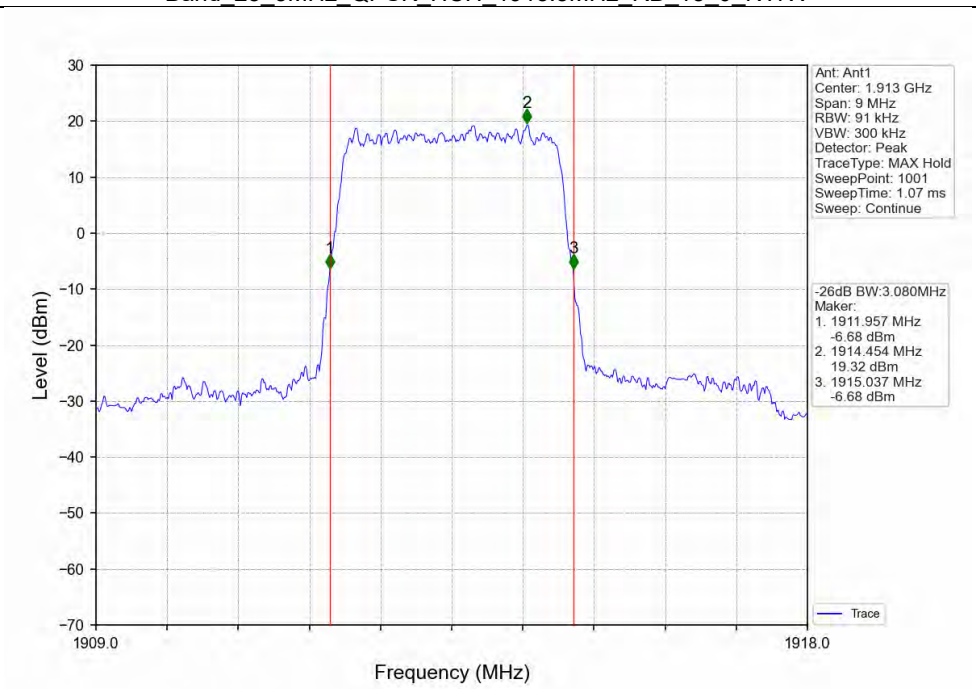
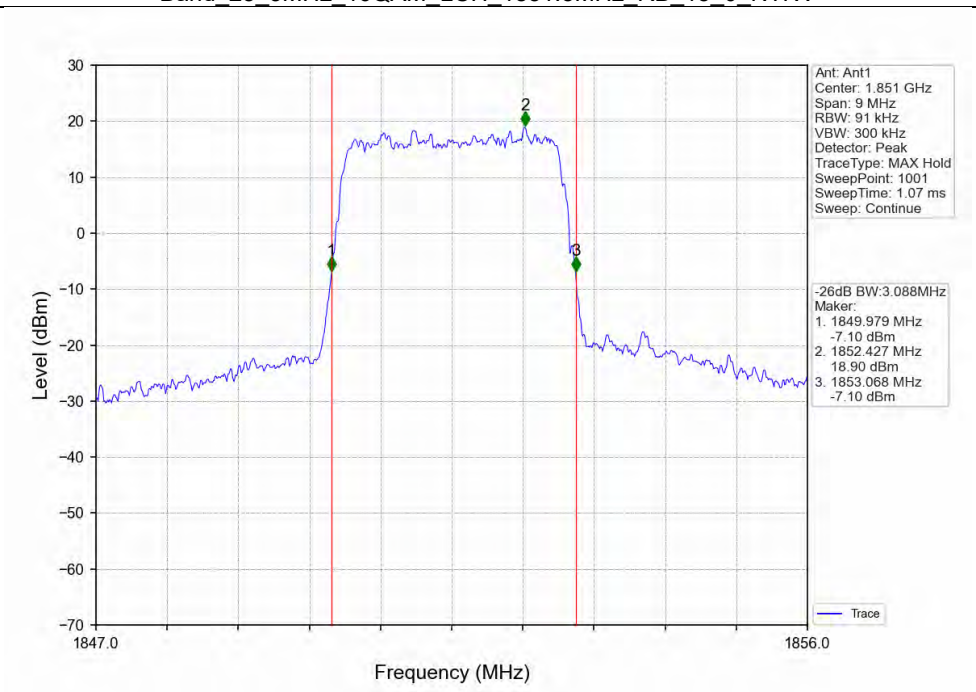
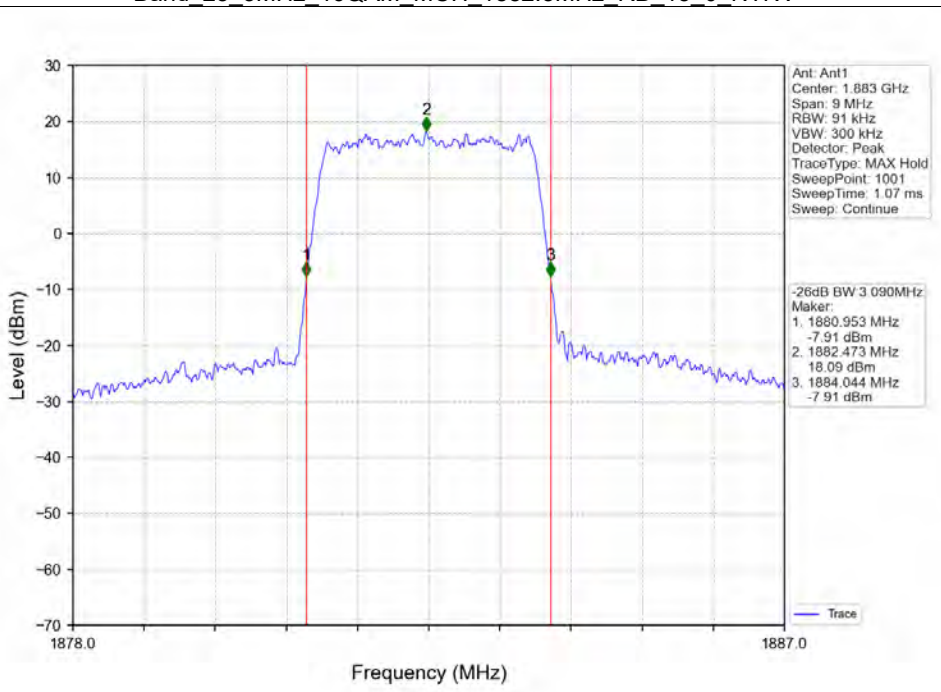


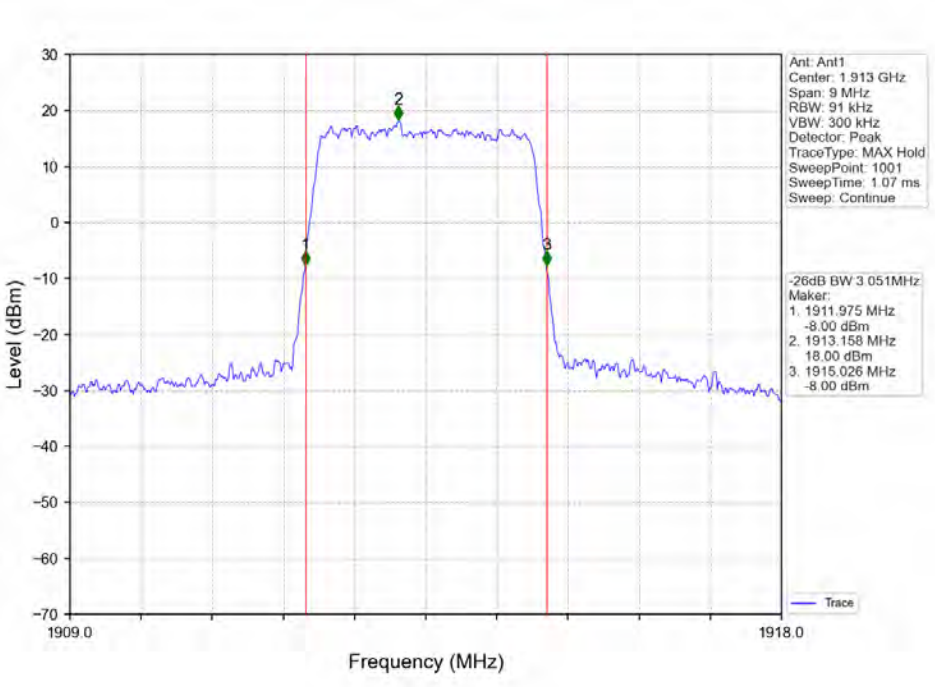
Band_25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



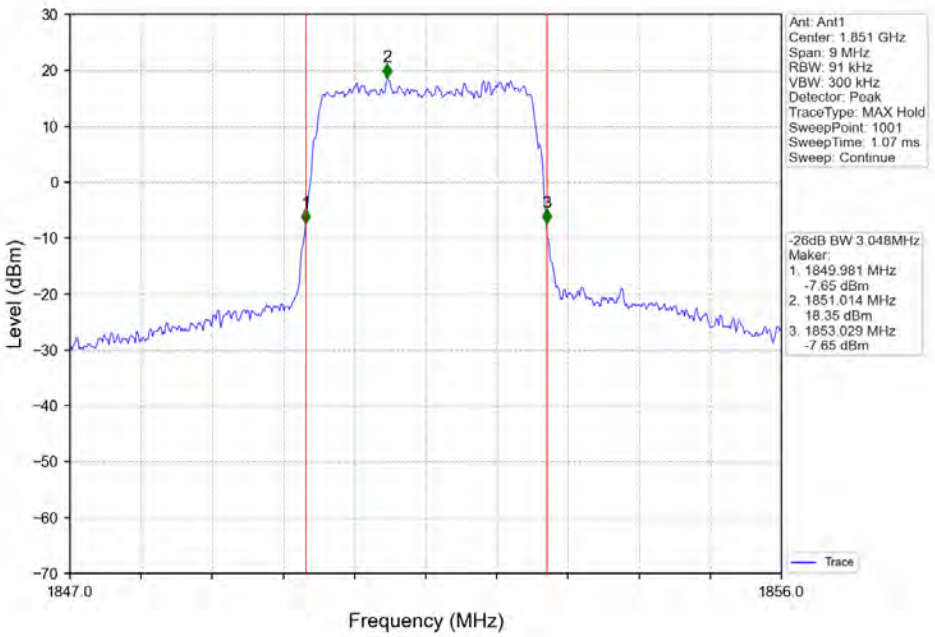
Band_25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



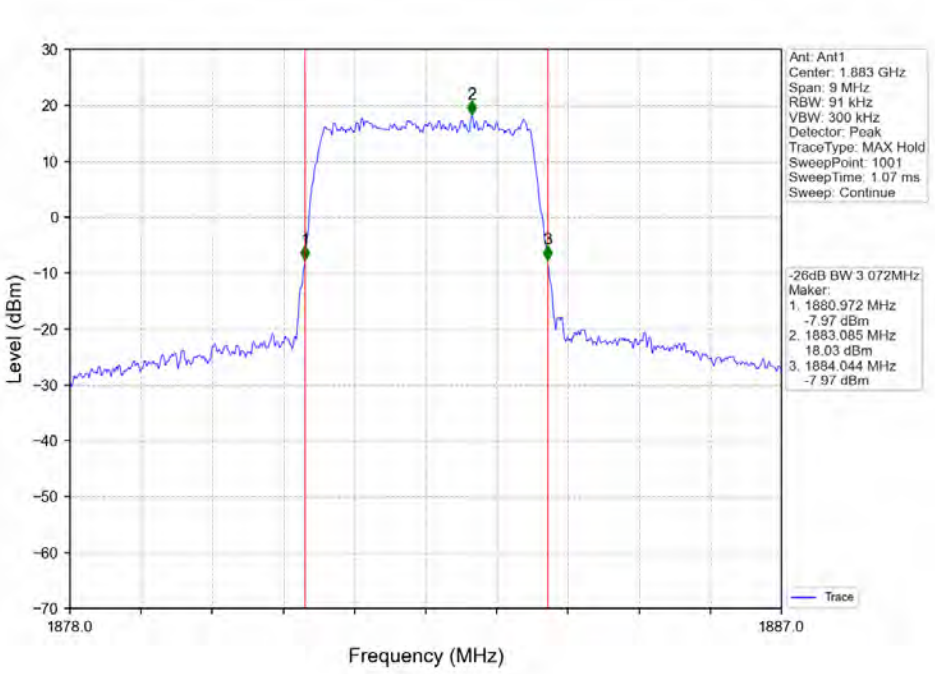
Band_25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



Band_25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band_25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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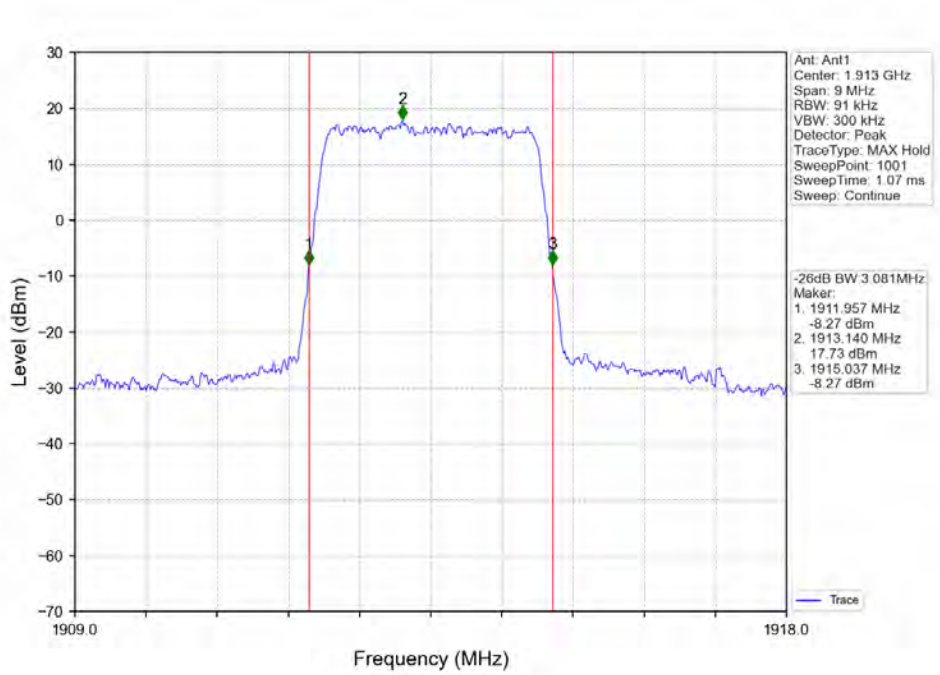

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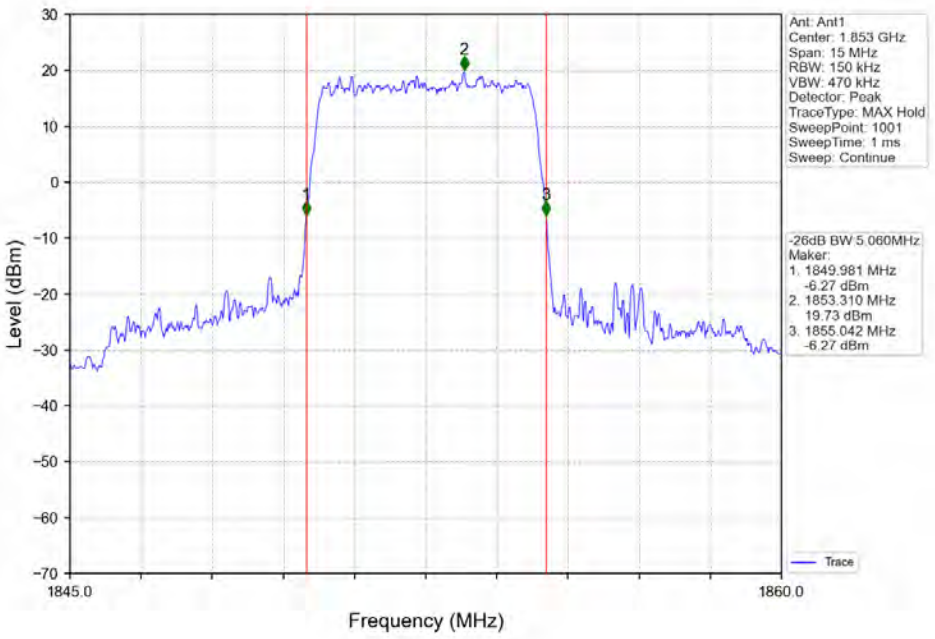
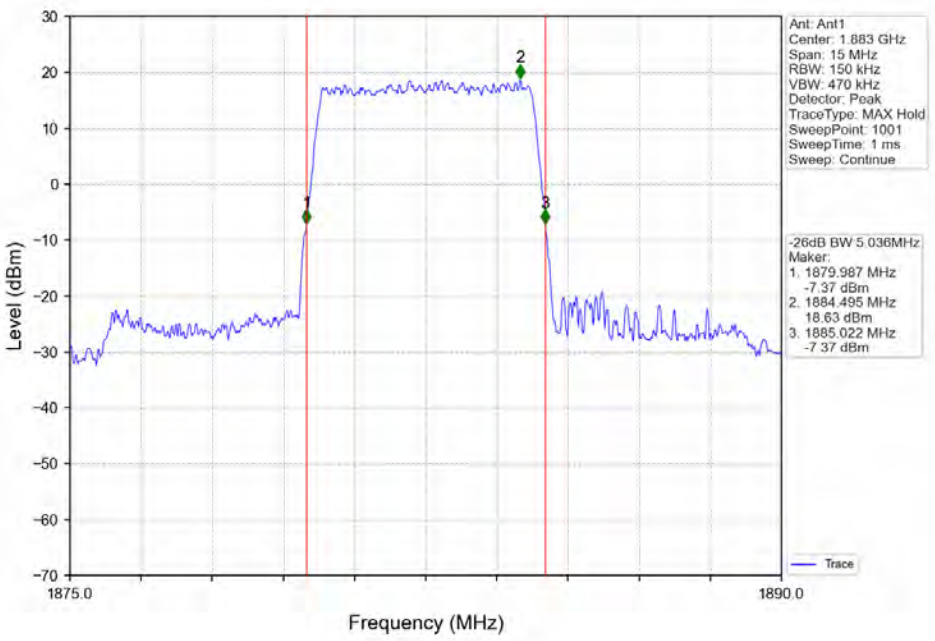


Band_25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



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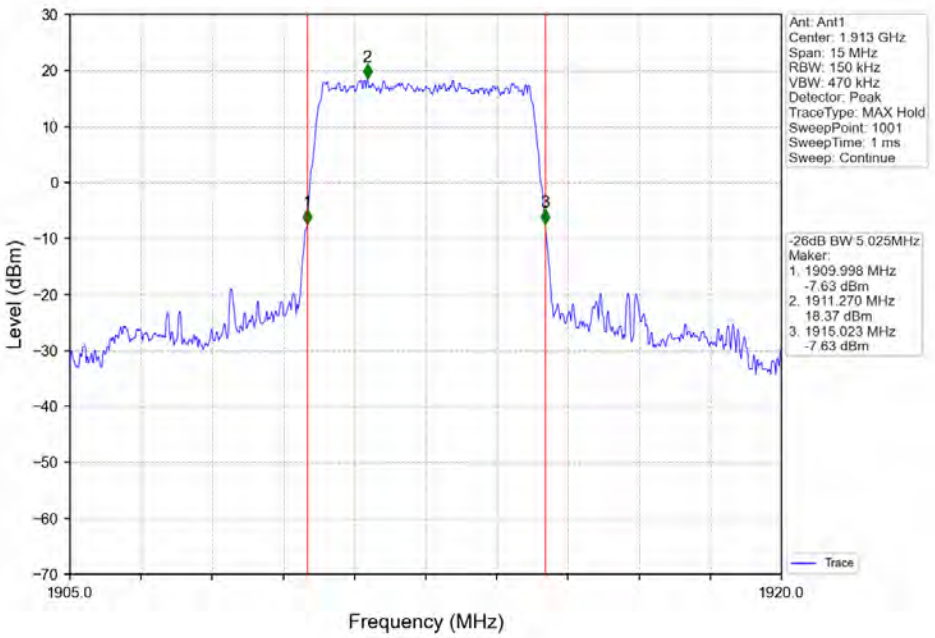
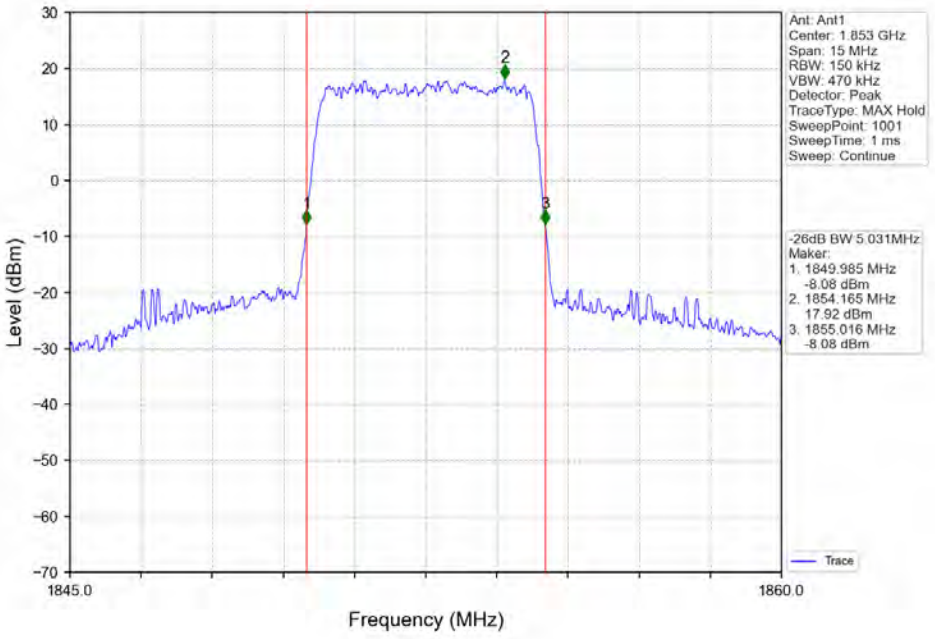
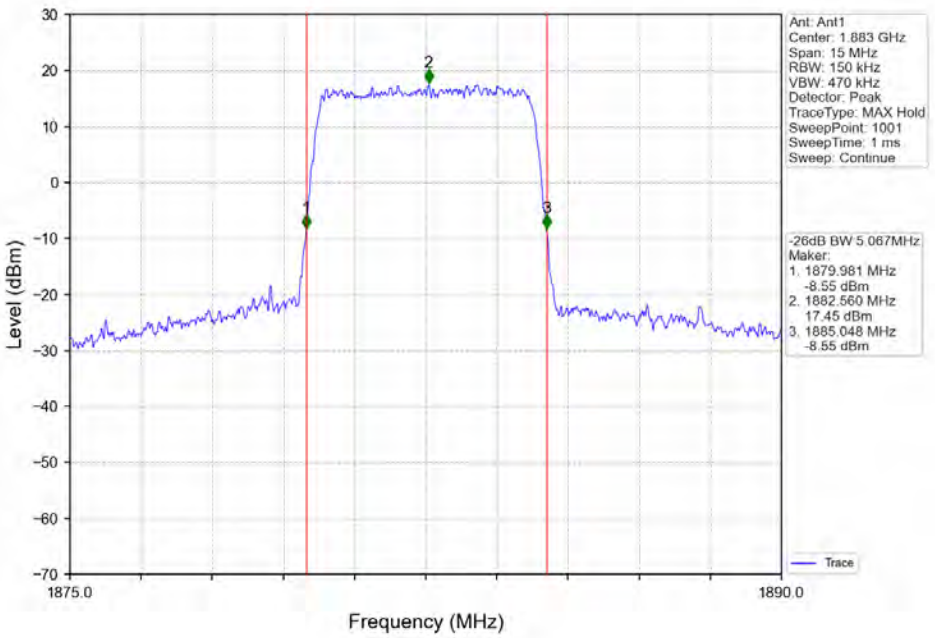


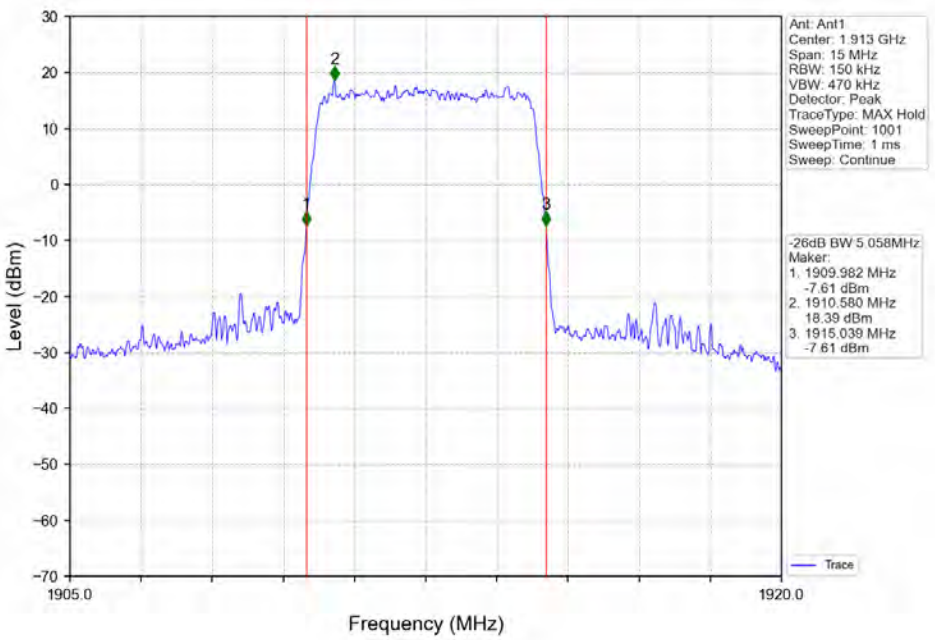
Band_25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



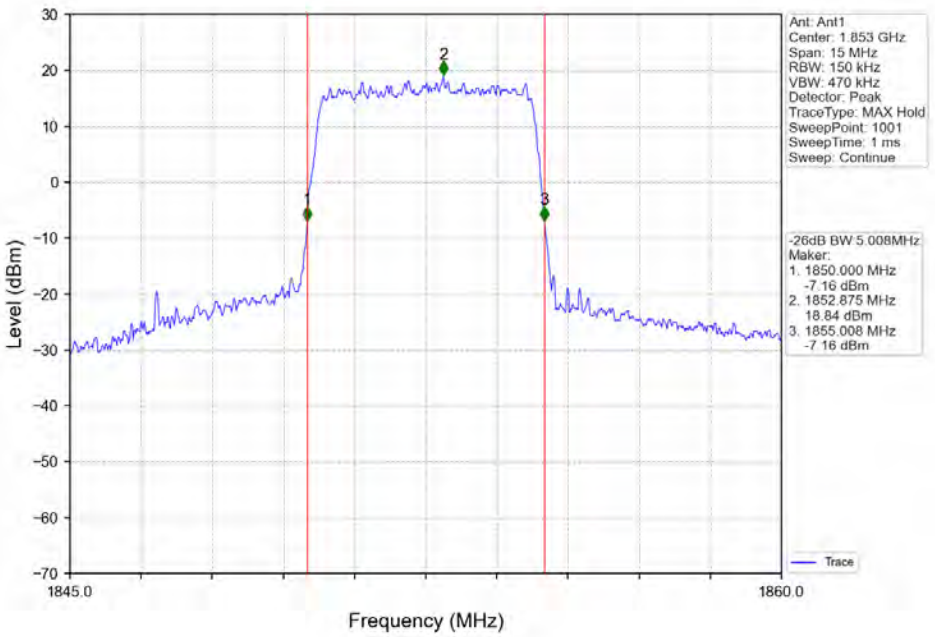
Band_25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



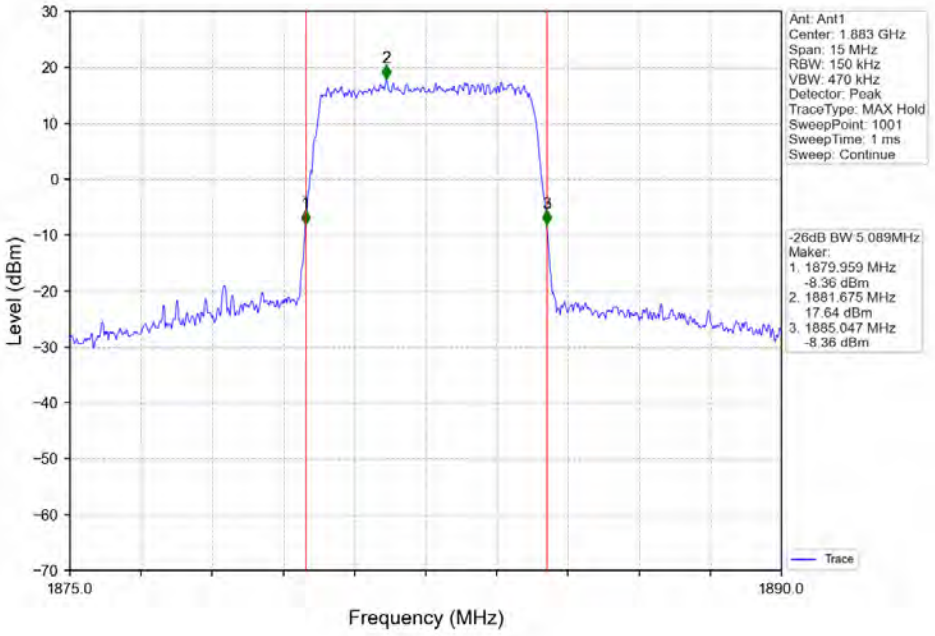
Band_25_5MHz_16QAM_HCH_194.0.5MHz_RB_25_0_NTNV



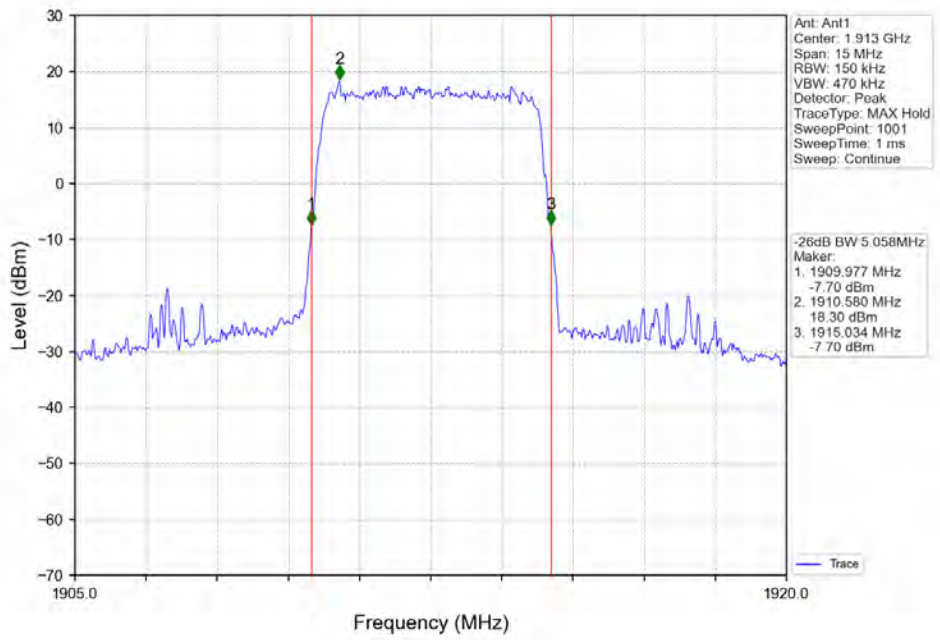
Band_25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



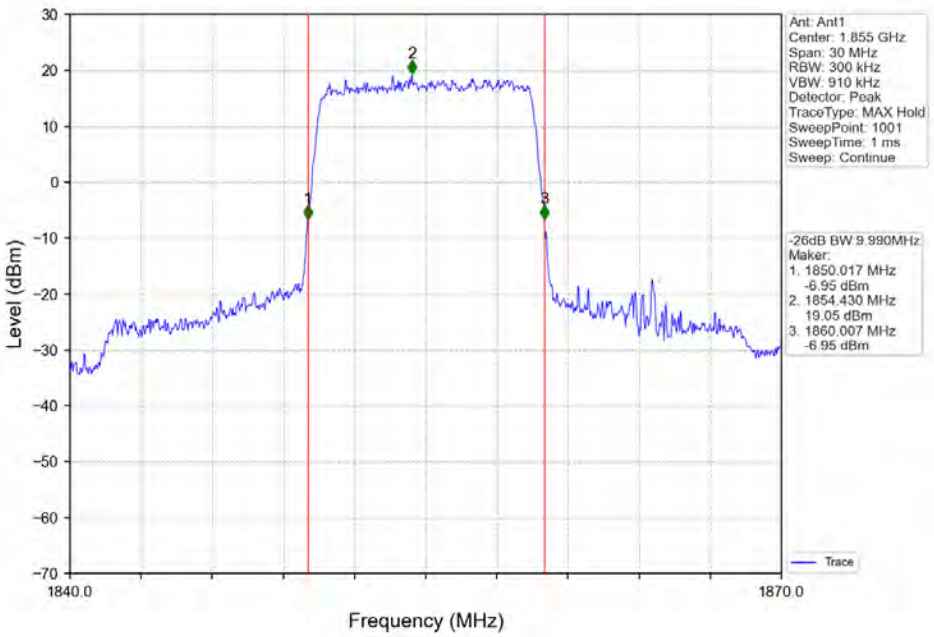
Band_25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



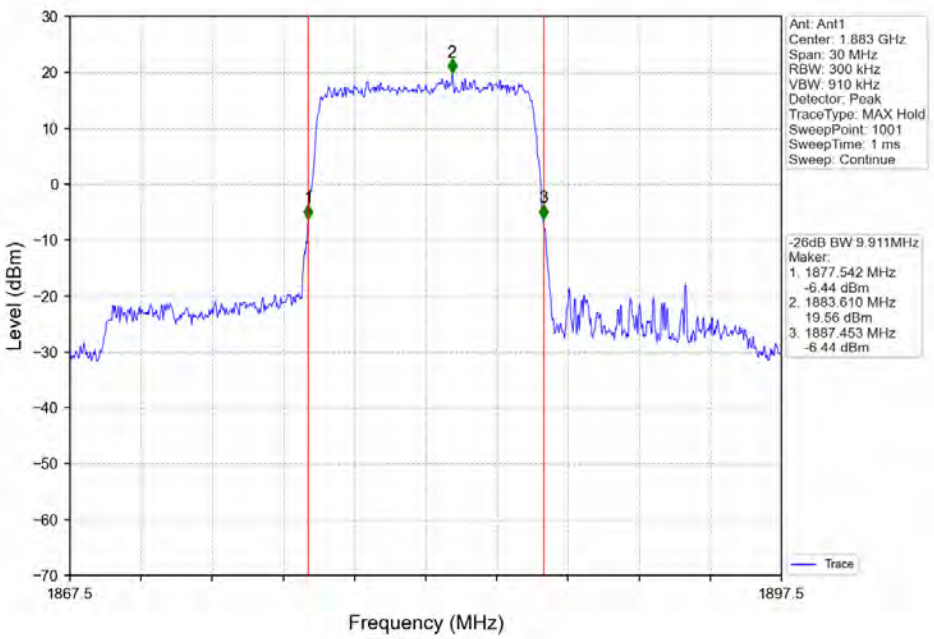
Band_25_5MHz_64QAM_HCH_194.0.5MHz_RB_25_0_NTNV



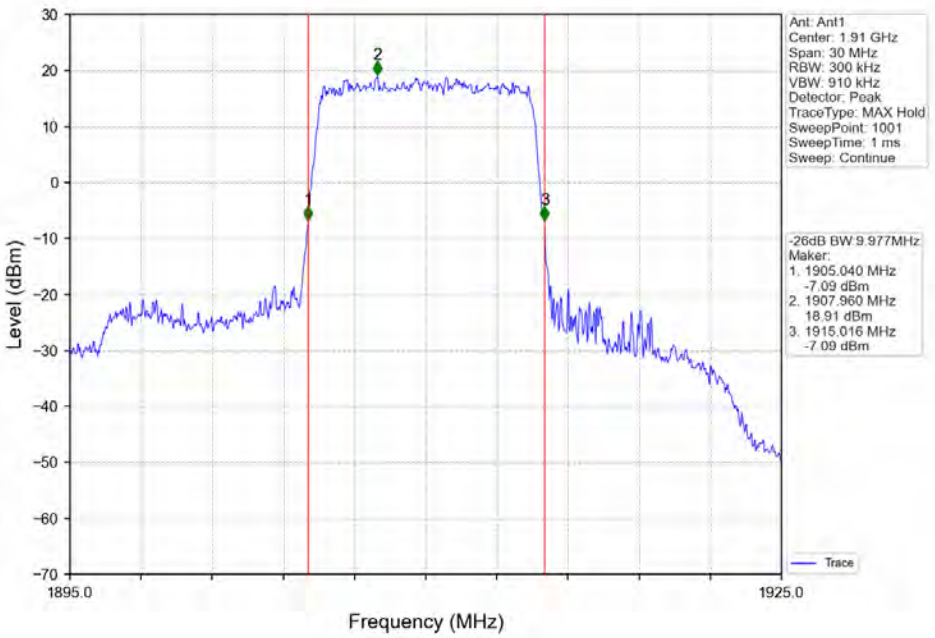
Band_25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



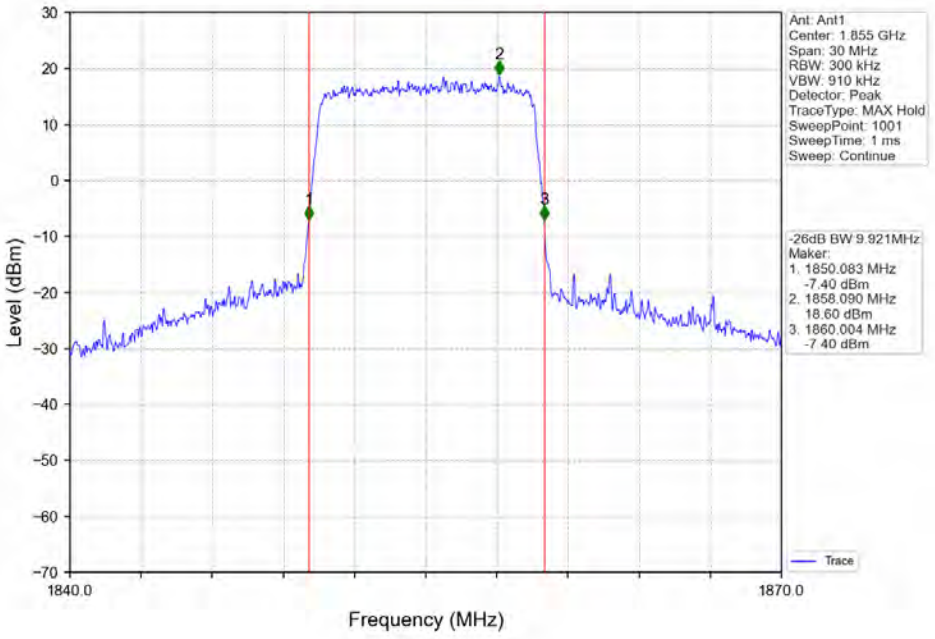
Band_25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



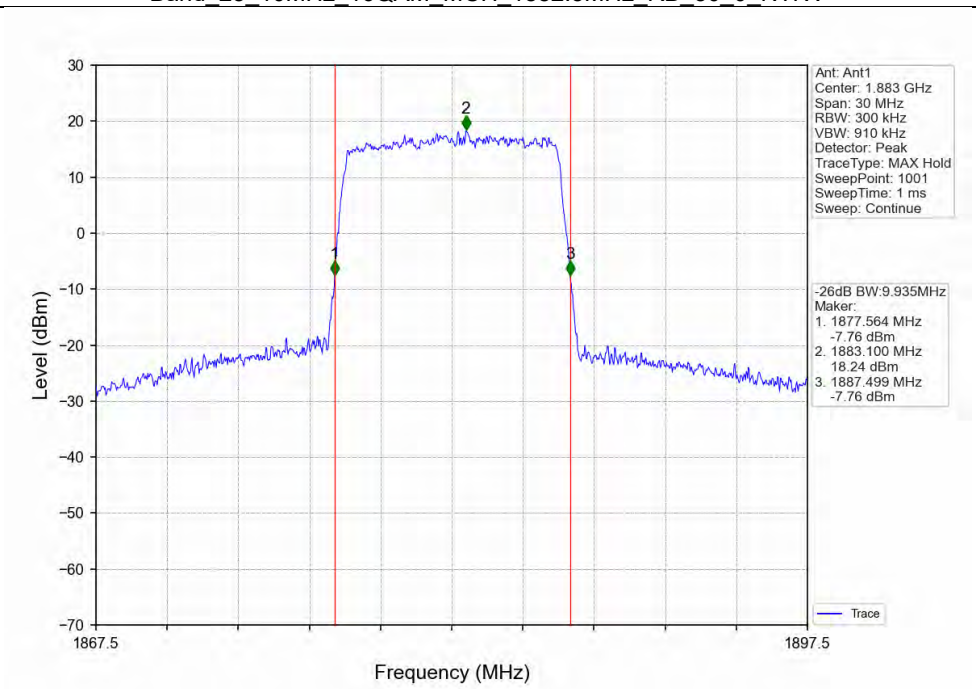
Band_25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



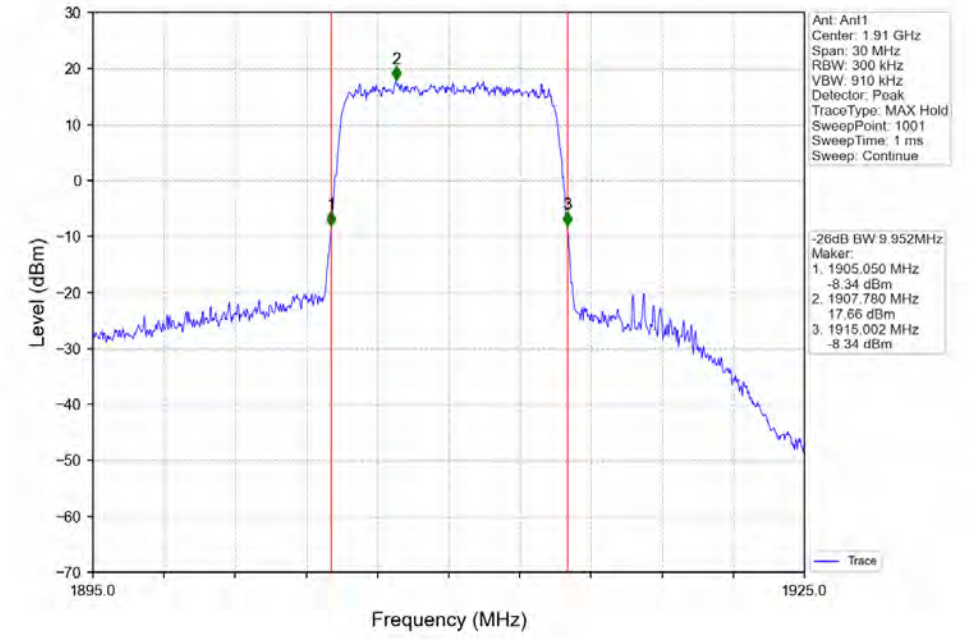
Band_25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



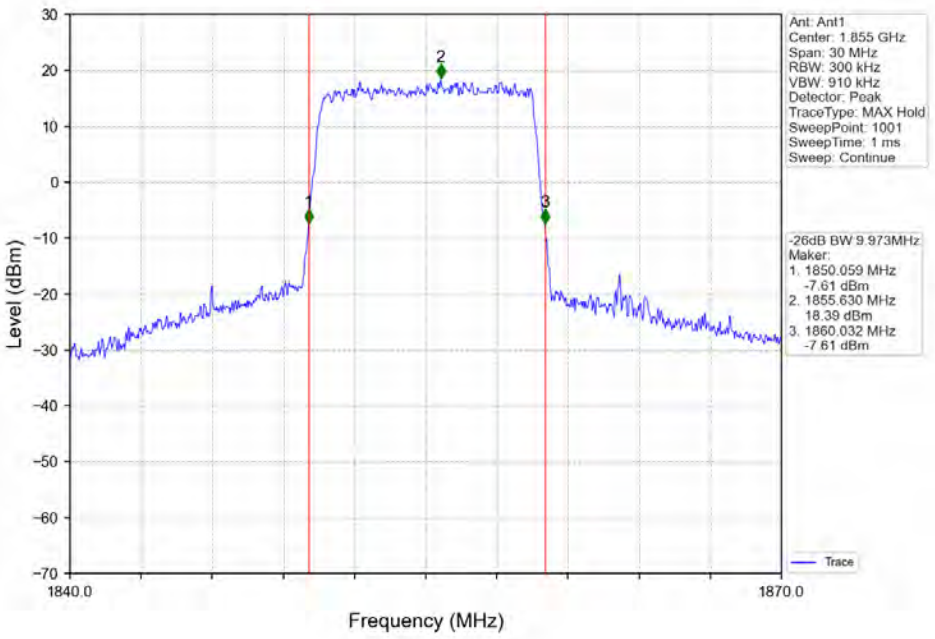
Band_25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



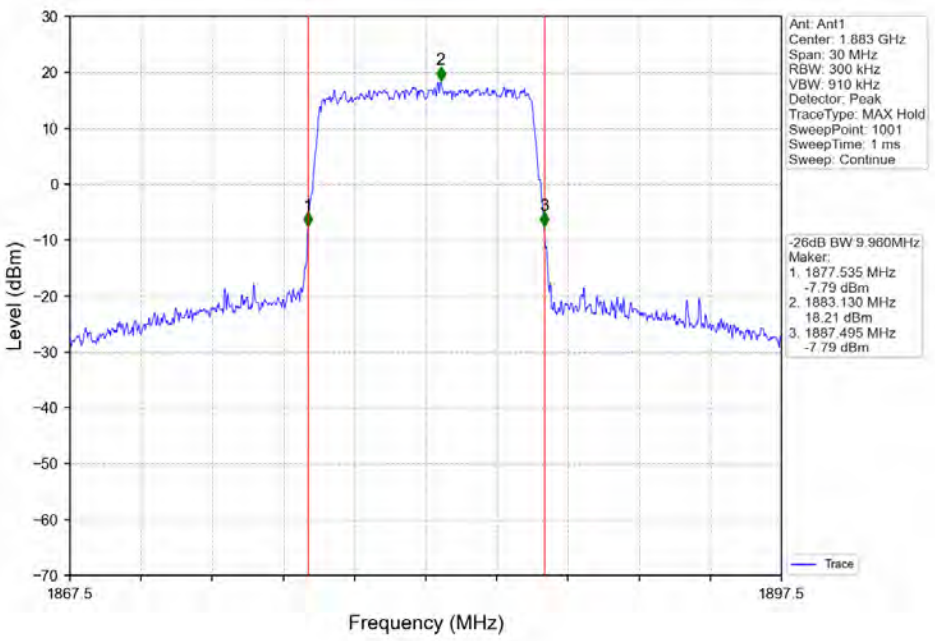
Band_25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

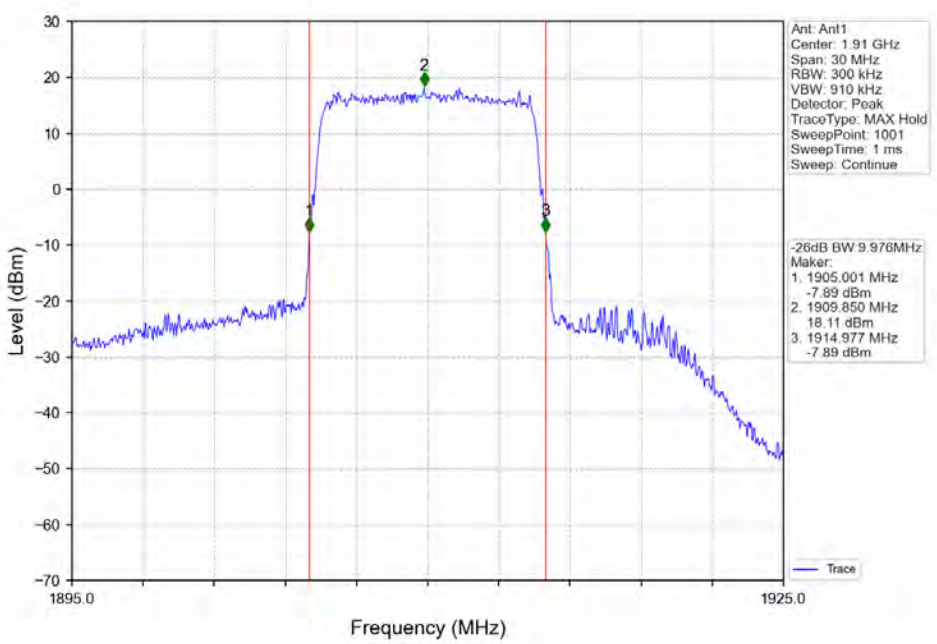


Band_25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

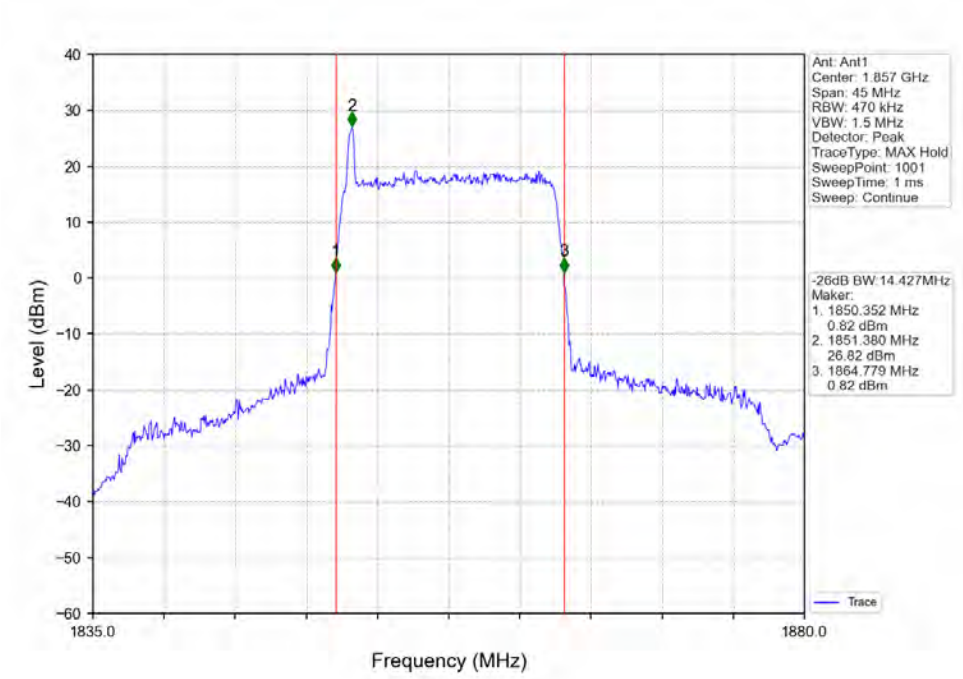


Band_25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV

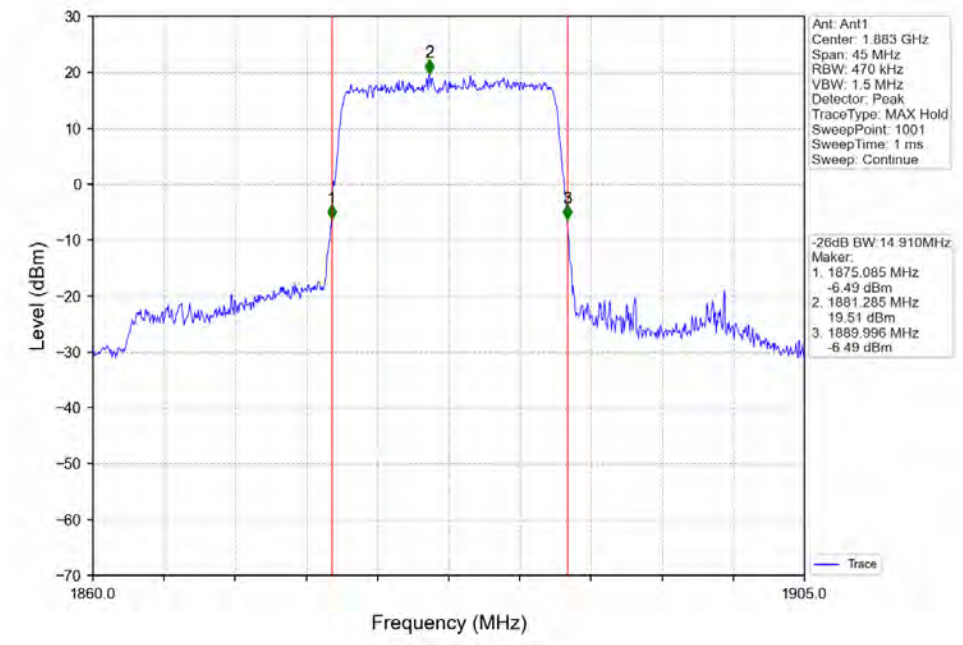


Band_25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV


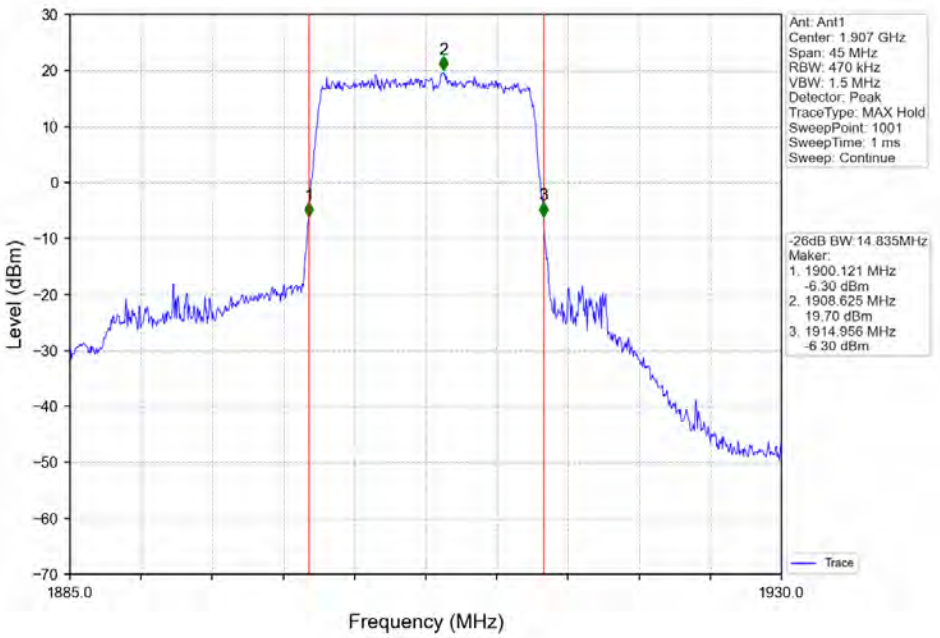
Band_25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



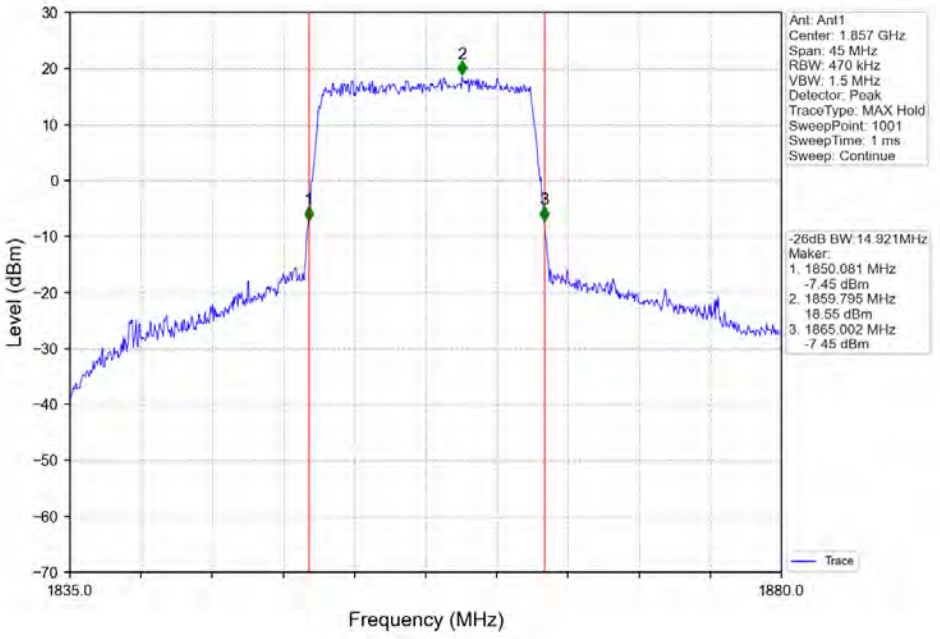
Band_25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



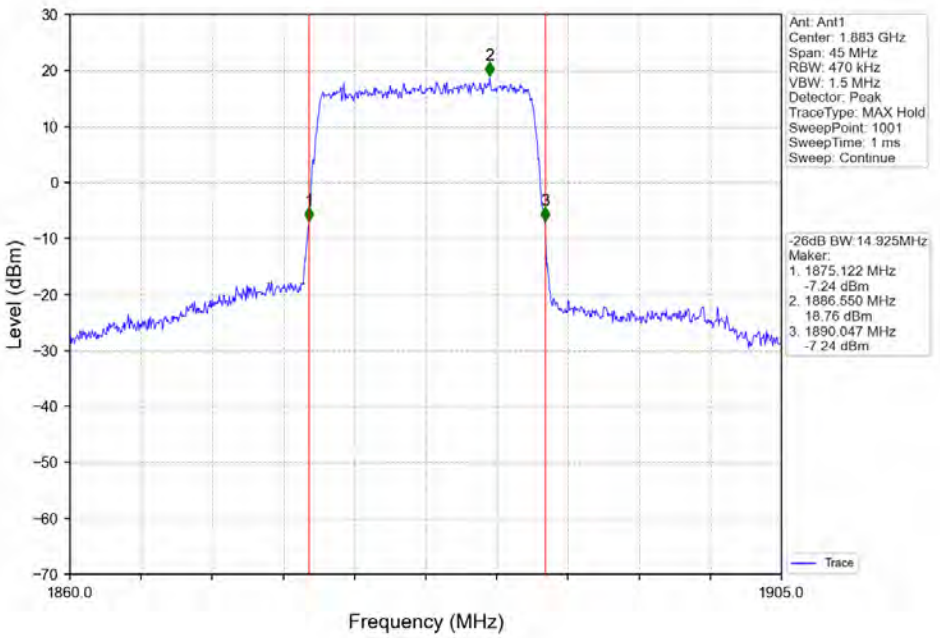
Band_25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



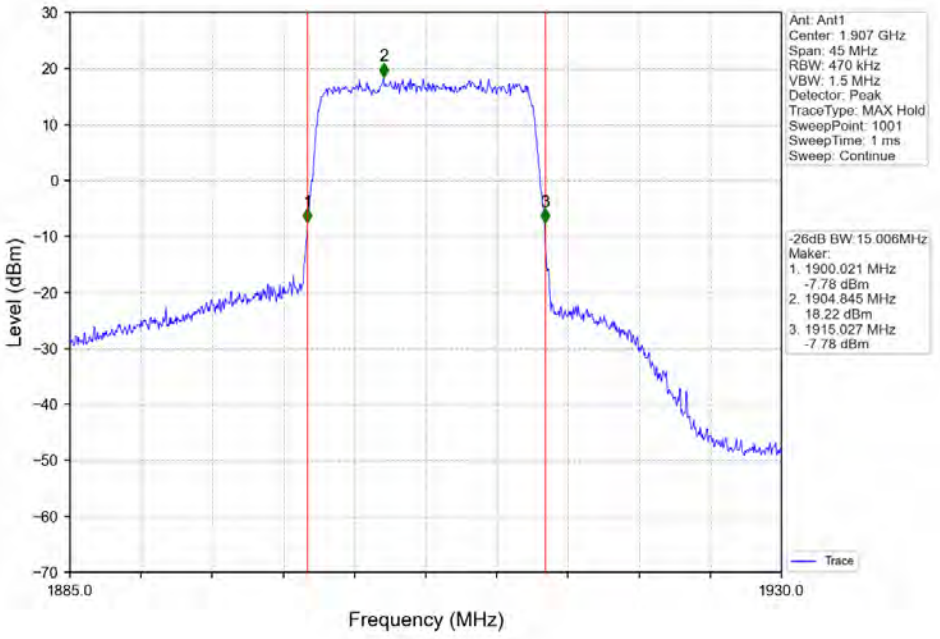
Band_25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



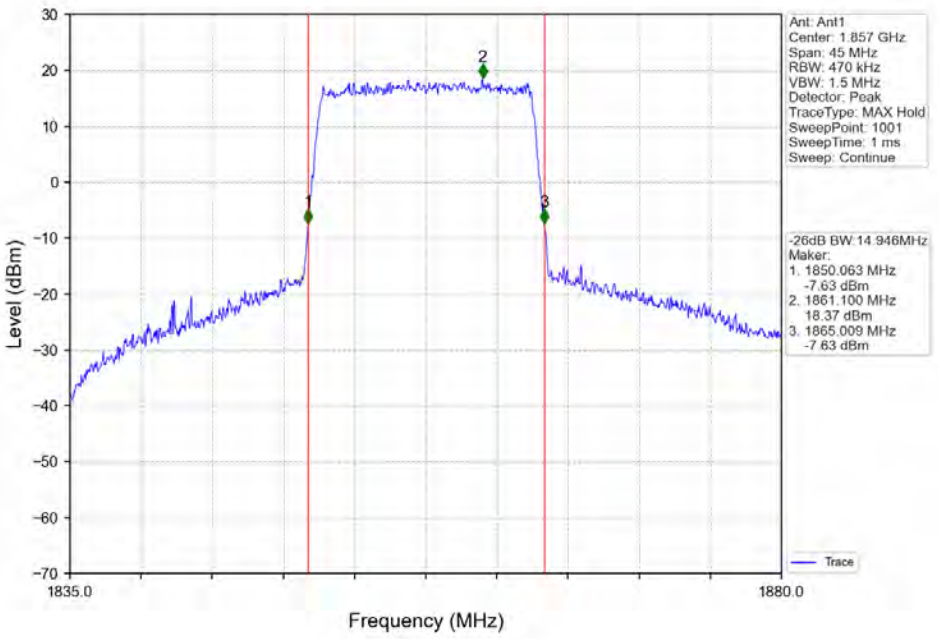
Band_25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



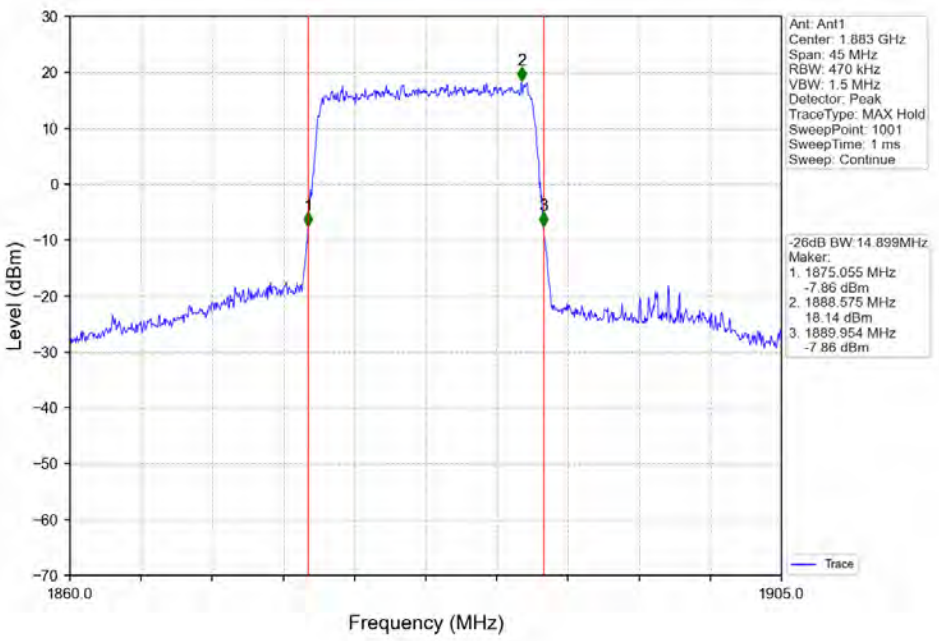
Band_25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

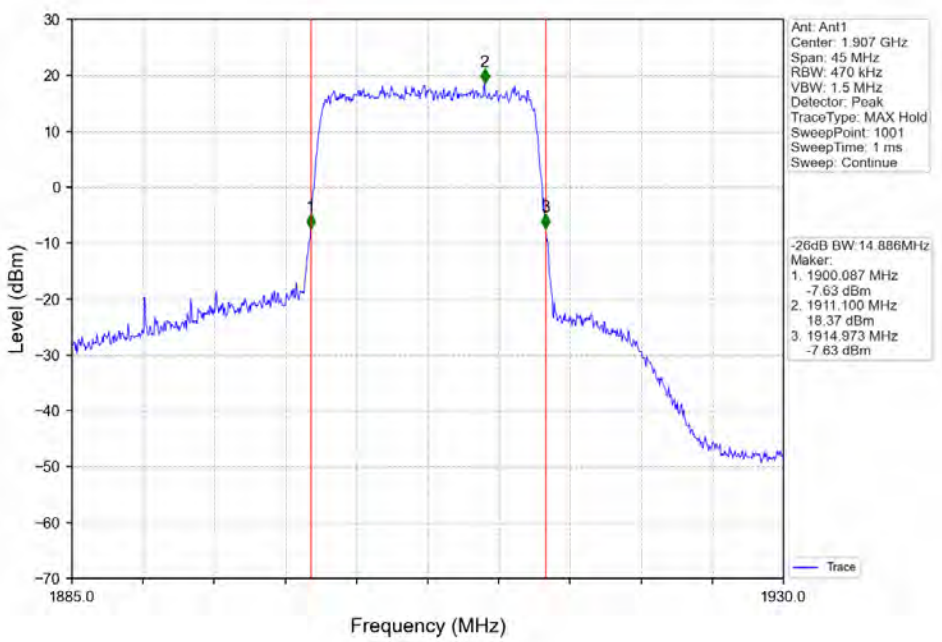


Band_25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV

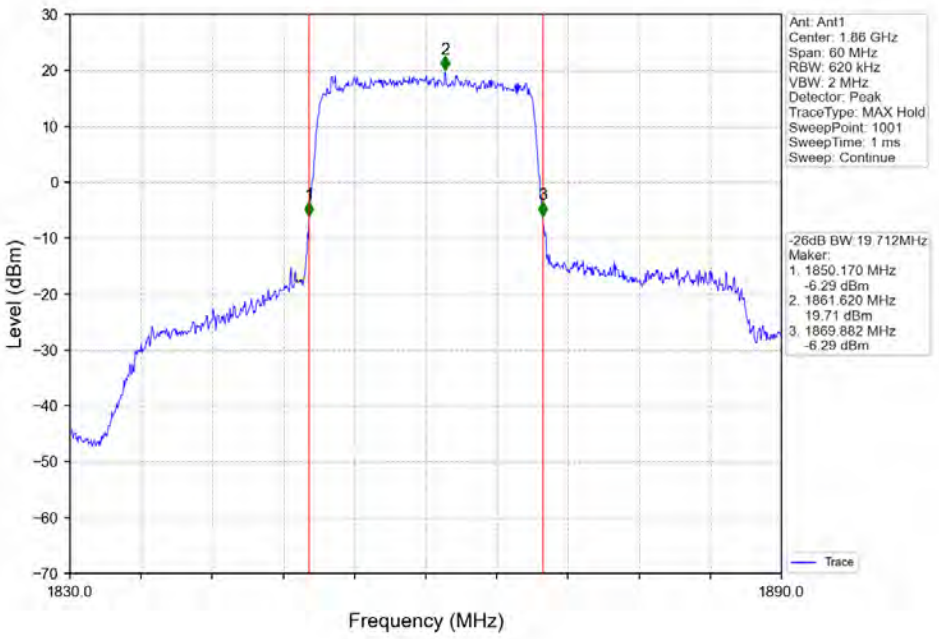


Band_25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV

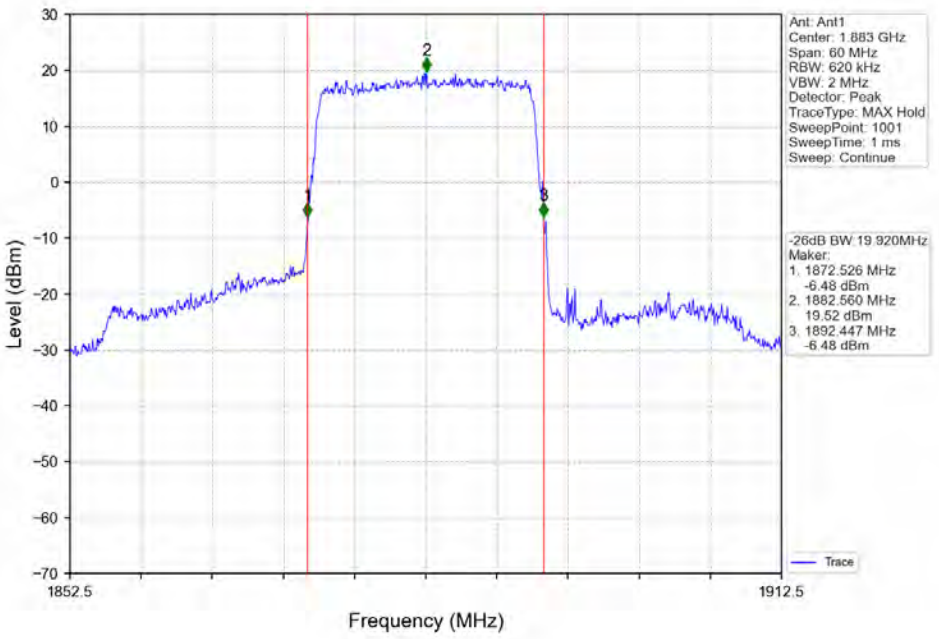


Band_25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV


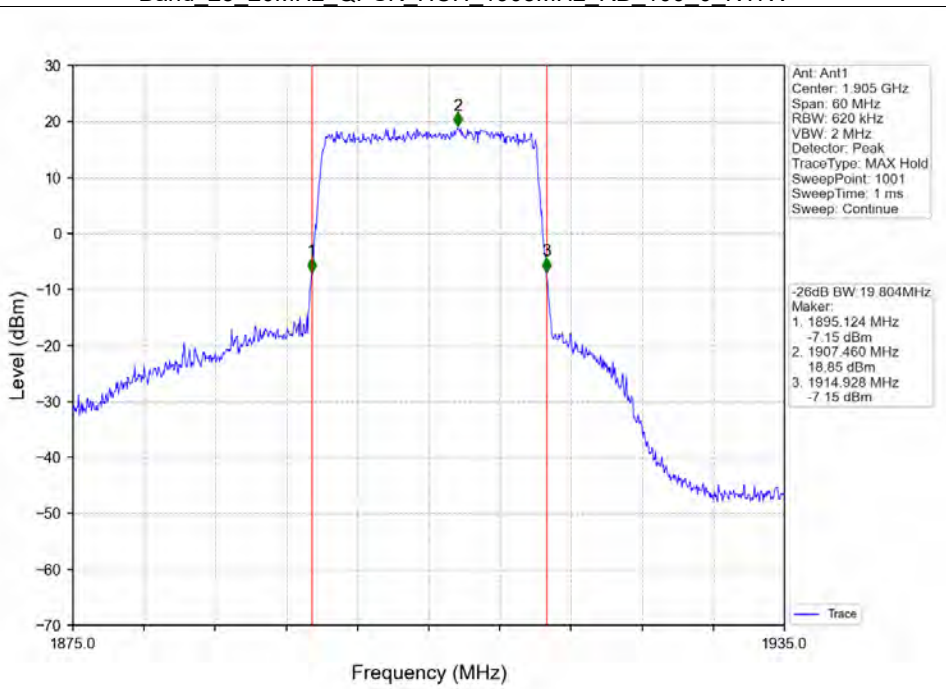
Band_25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



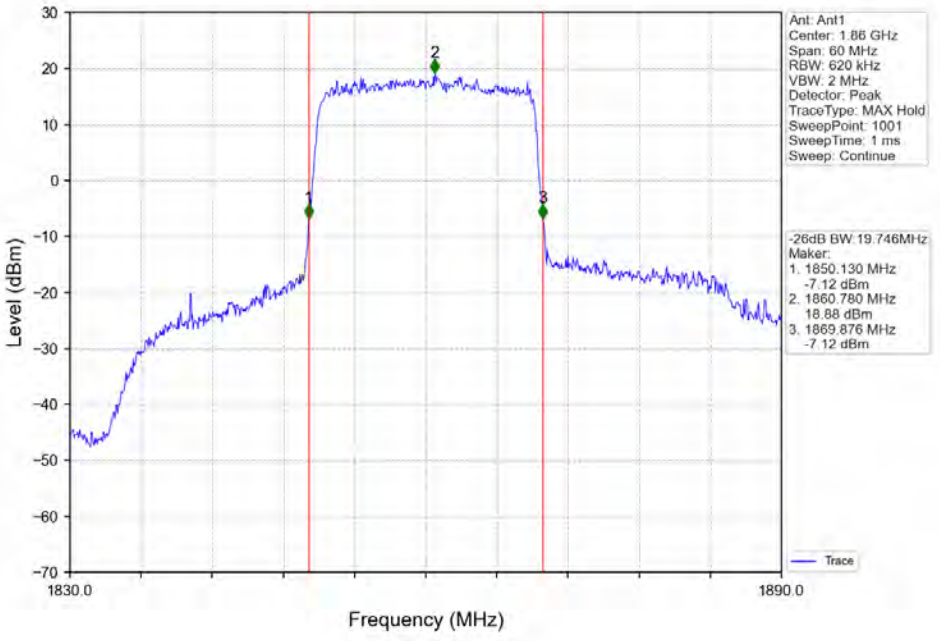
Band_25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



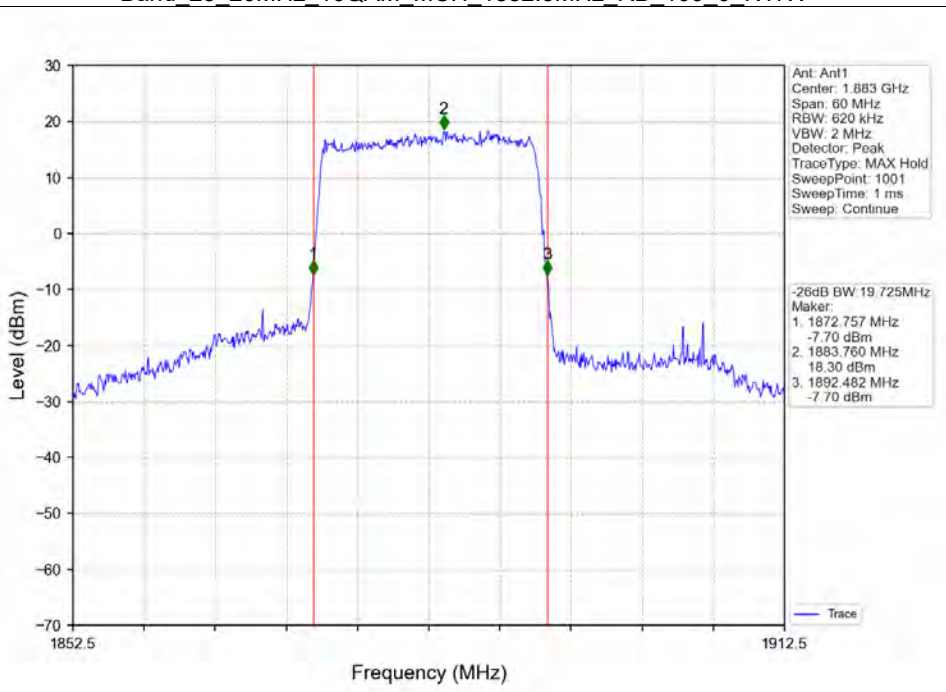
Band_25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



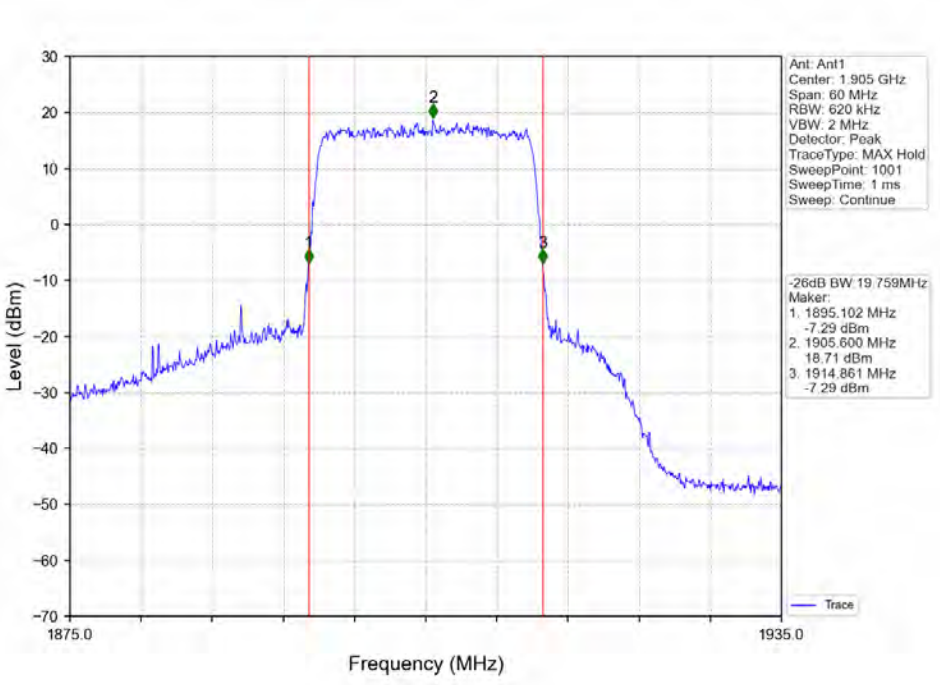
Band_25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



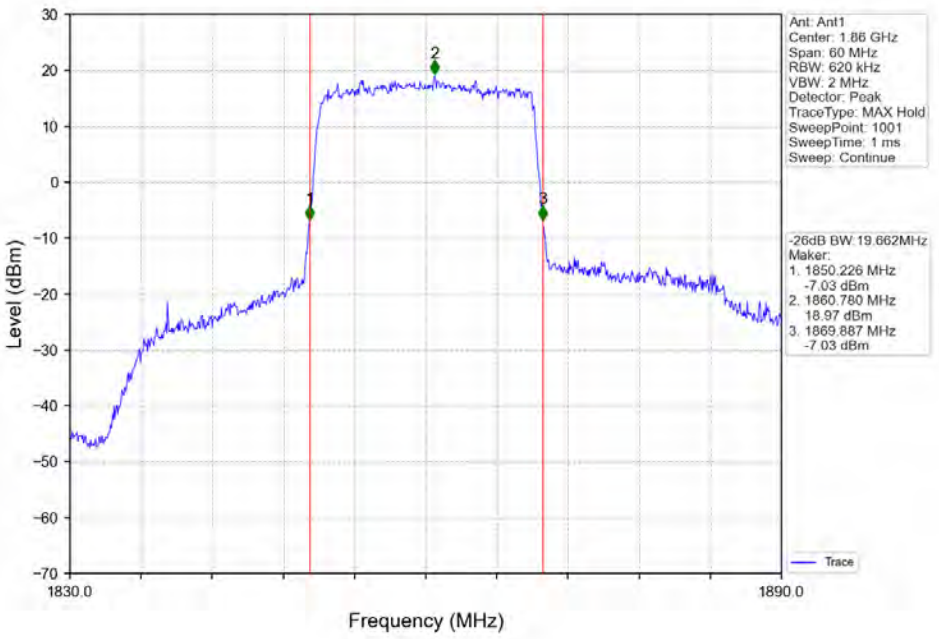
Band_25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



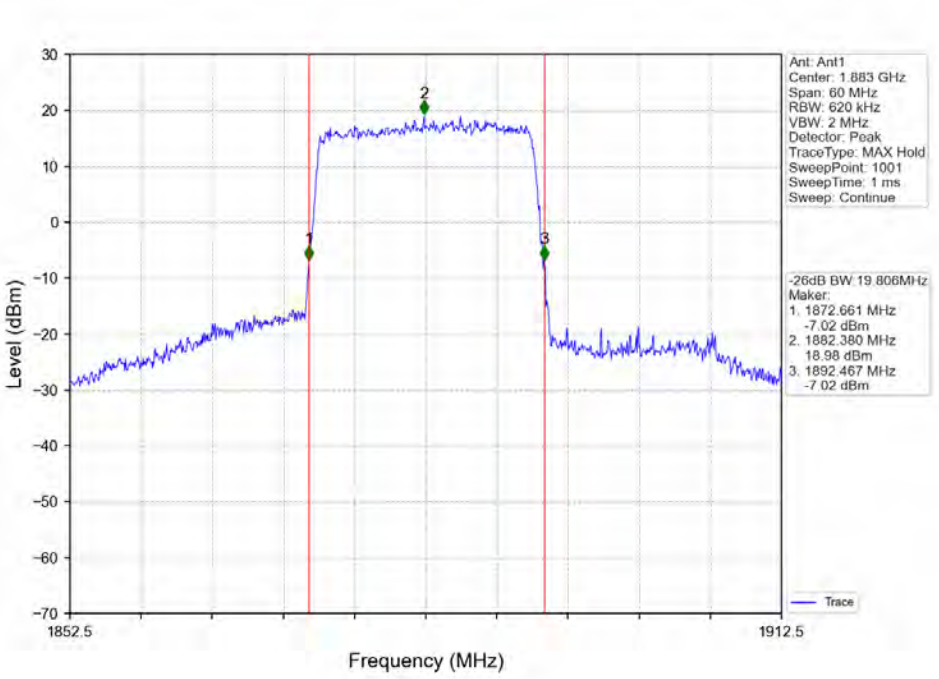
Band_25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

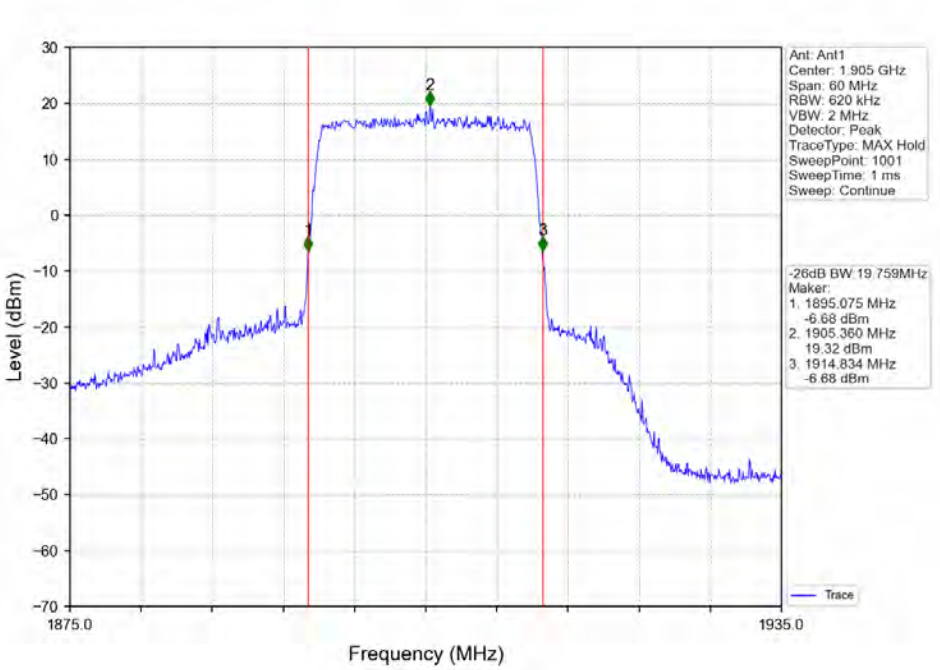


Band_25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV


3. Peak-Average Ratio

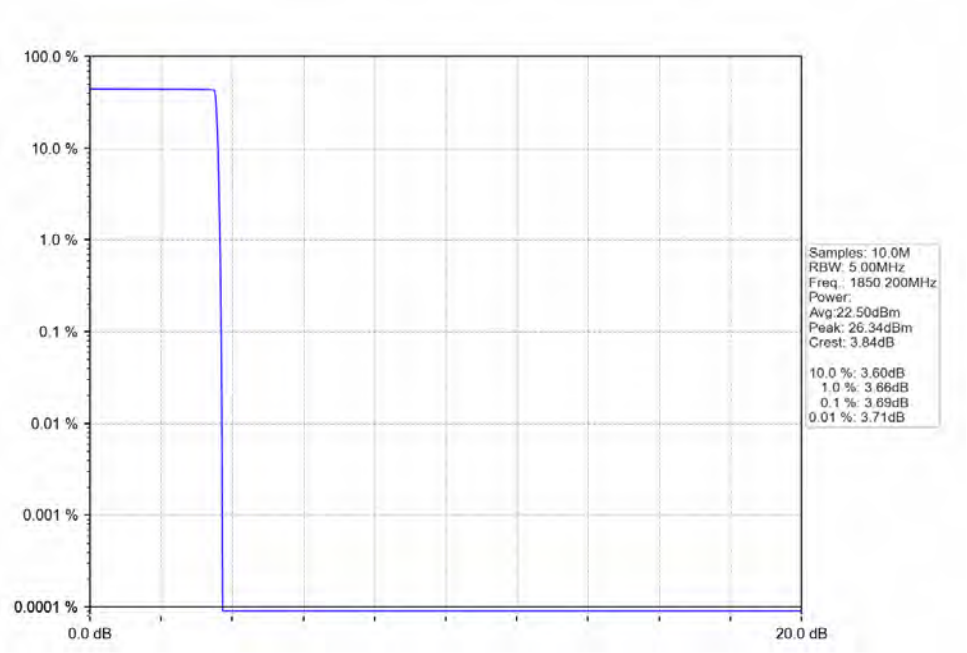
3.1 PCS1900

3.1.1 Test Result

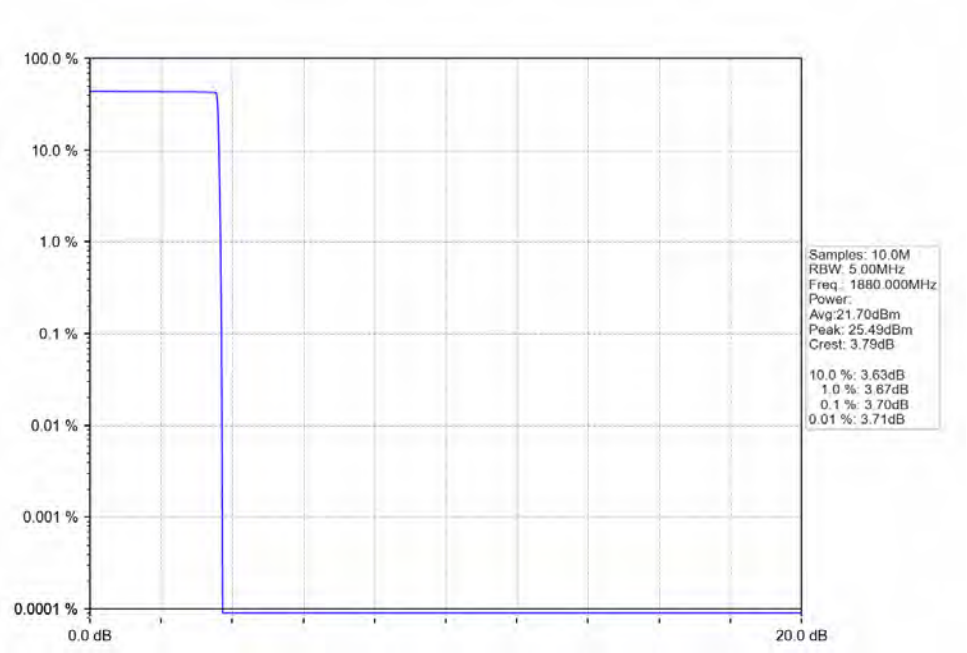
Band: PCS1900							
ENV	Mode		Peak-Average Ratio (dB)				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	GPRS	/	3.69	3.70	3.71	<=13	Pass
	EGPRS	/	7.27	6.71	6.41	<=13	Pass

3.1.2 Test Graph

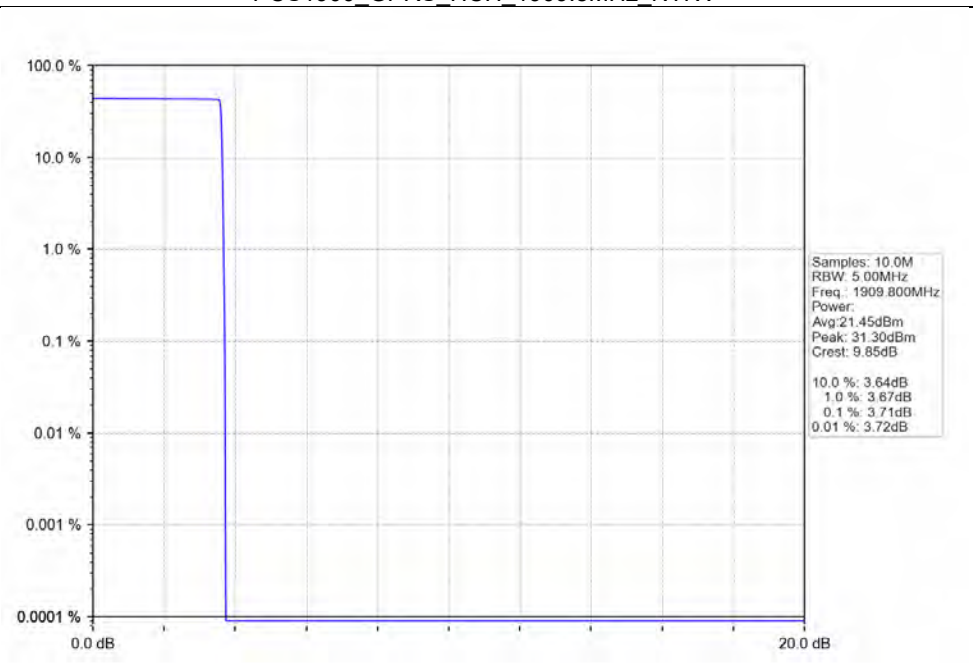
PCS1900_GPRS_LCH_1850.2MHz_NTNV



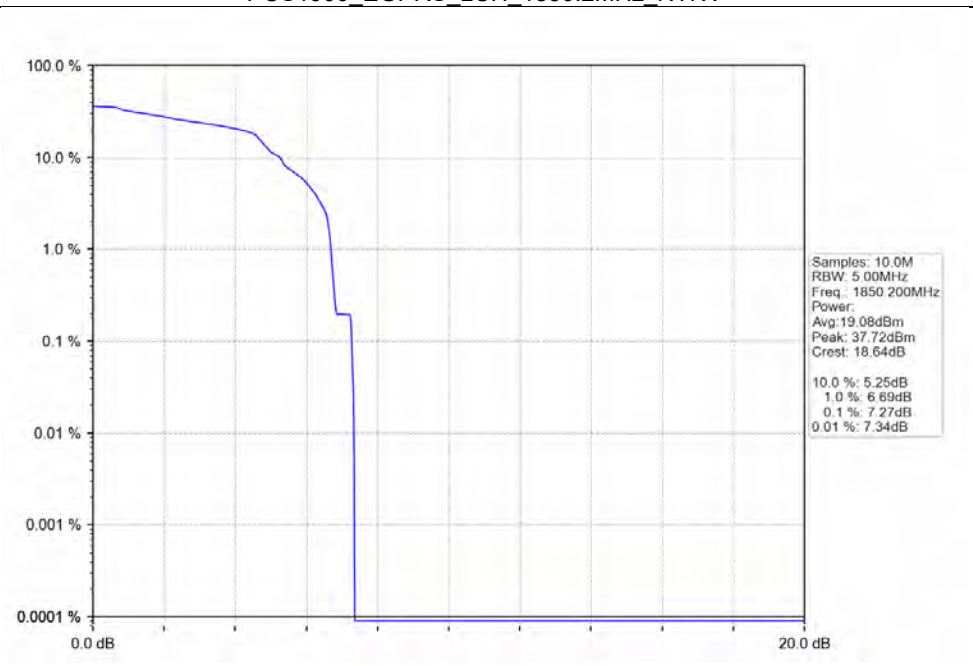
PCS1900_GPRS_MCH_1880MHz_NTNV



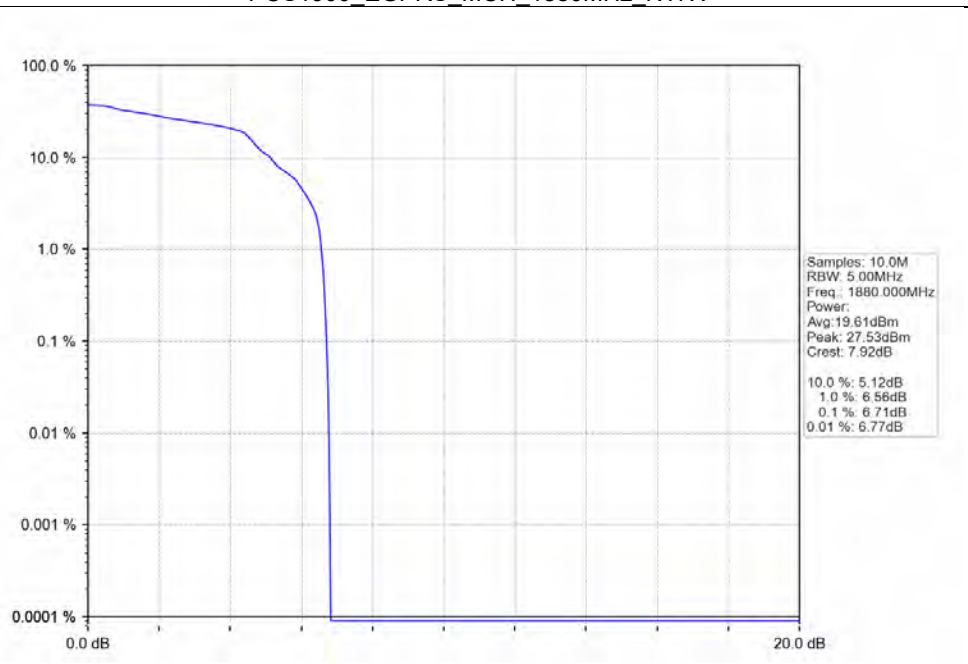
PCS1900_GPRS_HCH_1909.8MHz_NTNV



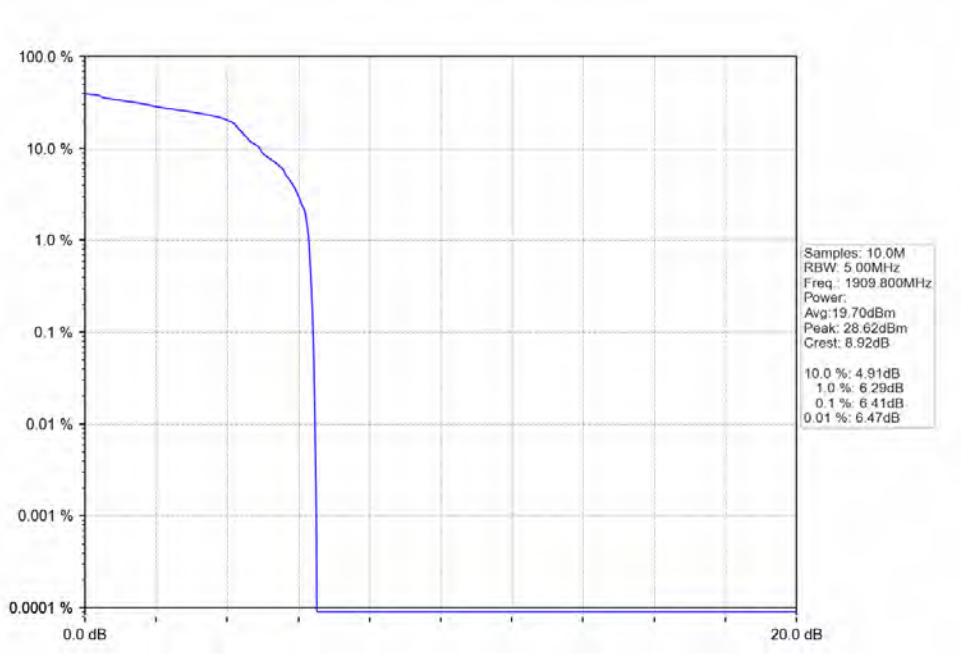
PCS1900_EGPRS_LCH_1850.2MHz_NTNV



PCS1900_EGPRS_MCH_1880MHz_NTNV



PCS1900_EGPRS_HCH_1909.8MHz_NTNV



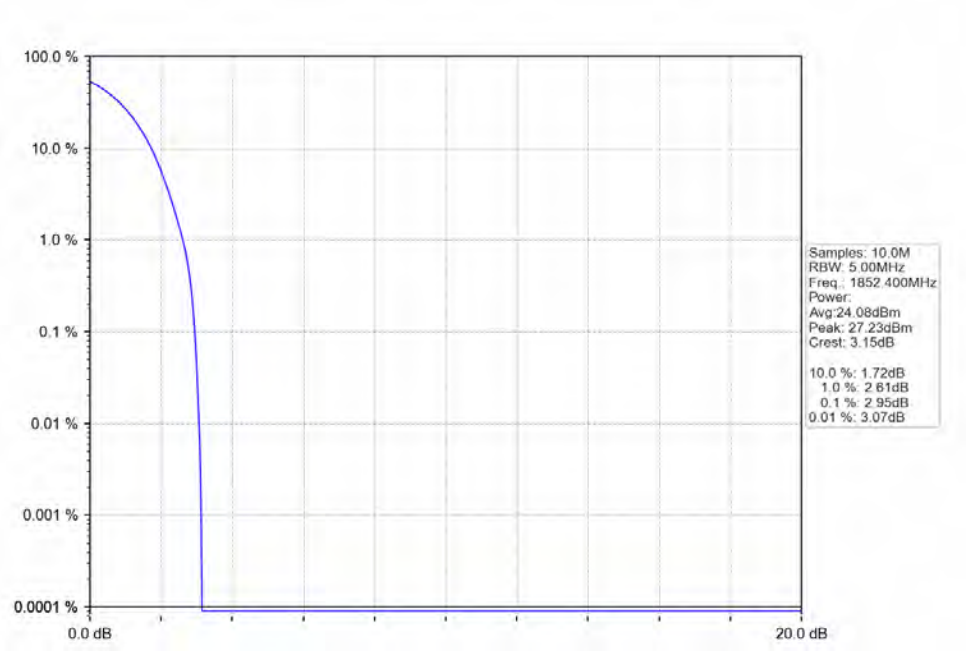
3.2 WCDMA Band2

3.2.1 Test Result

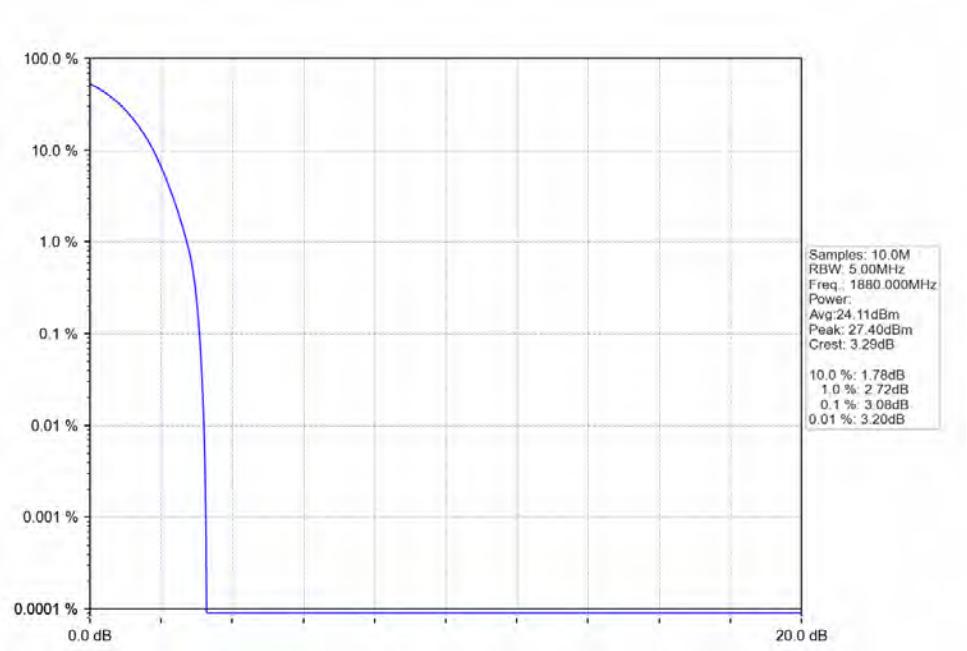
Band: 2							
ENV	Mode		Peak-Average Ratio (dB)				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	RMC	4.0.2kbps RMC	2.95	3.08	2.83	<=13	Pass

3.2.2 Test Graph

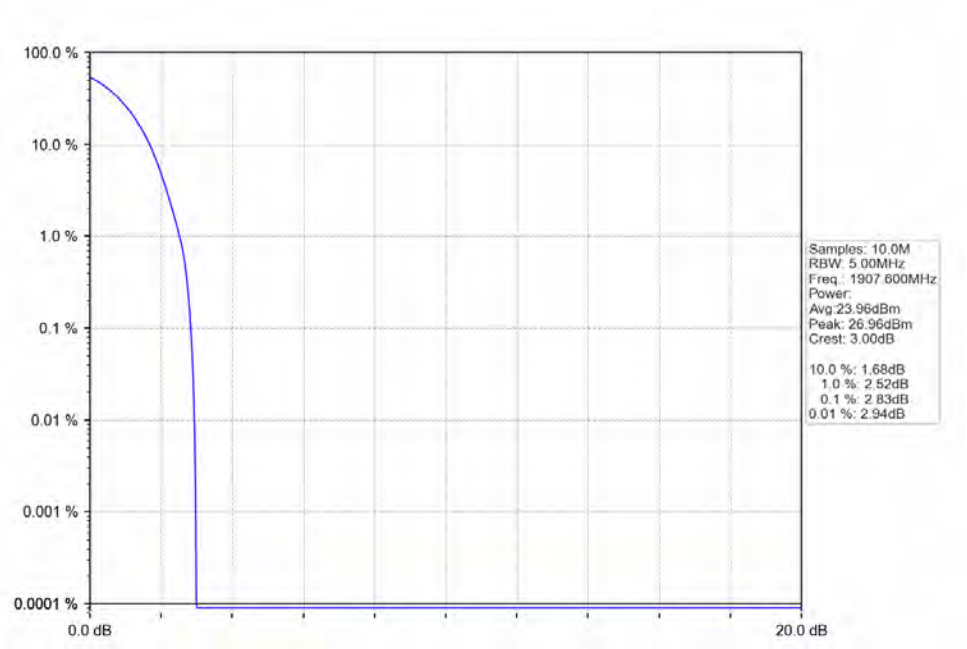
Band_2_RMC_LCH_1852.4MHz_4.0.2kbps RMC_NTNV



Band_2_RMC_MCH_1880MHz_4.0.2kbps RMC_NTNV



Band_2_RMC_HCH_1907.6MHz_4.0.2kbps RMC_NTNV



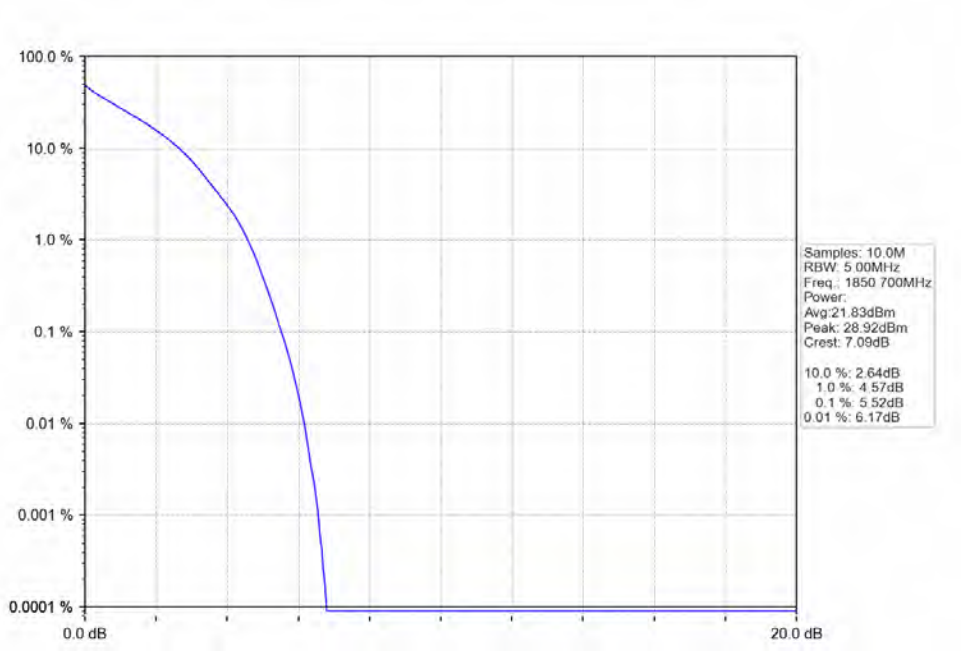
3.3 LTE Band 2

3.3.1 Test Result

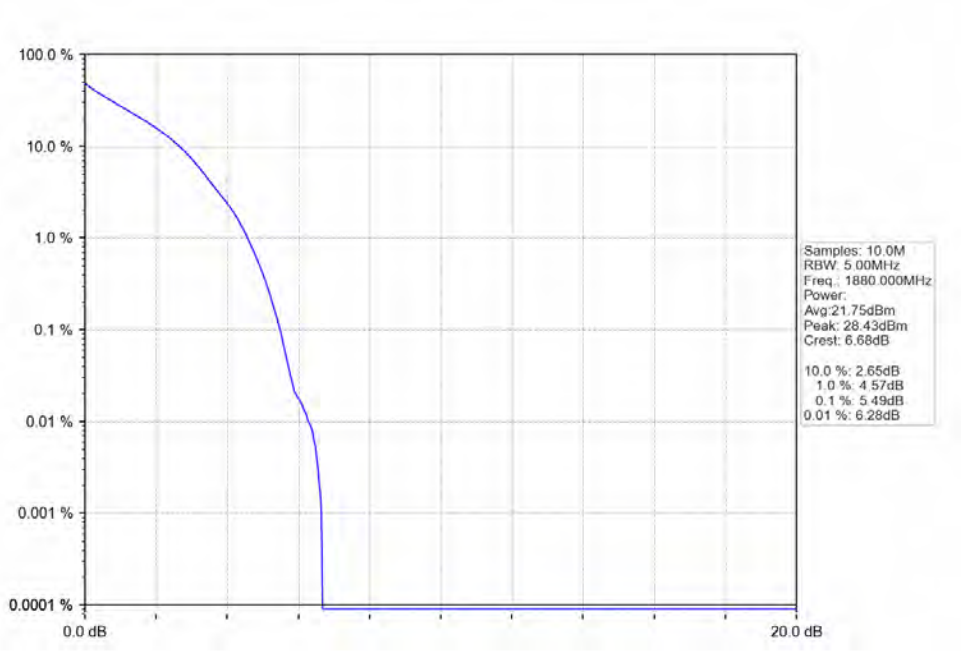
Band: 2 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	6	0	5.52	5.49	5.48	<=13	Pass
16QAM	6	0	6.20	6.20	6.14	<=13	Pass
64QAM	6	0	6.18	6.21	6.15	<=13	Pass
Band: 2 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	15	0	5.40	5.34	5.33	<=13	Pass
16QAM	15	0	6.4.0	6.08	6.05	<=13	Pass
64QAM	15	0	6.4.0	6.07	6.06	<=13	Pass
Band: 2 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	25	0	5.42	5.36	5.32	<=13	Pass
16QAM	25	0	6.10	6.04	6.06	<=13	Pass
64QAM	25	0	6.06	6.06	6.05	<=13	Pass
Band: 2 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	50	0	4.57	4.56	4.61	<=13	Pass
16QAM	50	0	6.07	6.07	6.00	<=13	Pass
64QAM	50	0	6.06	6.06	6.01	<=13	Pass
Band: 2 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	75	0	5.74	5.81	5.77	<=13	Pass
16QAM	75	0	6.74	6.95	6.85	<=13	Pass
64QAM	75	0	6.75	6.99	6.86	<=13	Pass
Band: 2 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	100	0	6.32	6.48	6.38	<=13	Pass
16QAM	100	0	7.04	7.24	7.15	<=13	Pass
64QAM	100	0	7.03	7.25	7.13	<=13	Pass

3.3.2 Test Graph

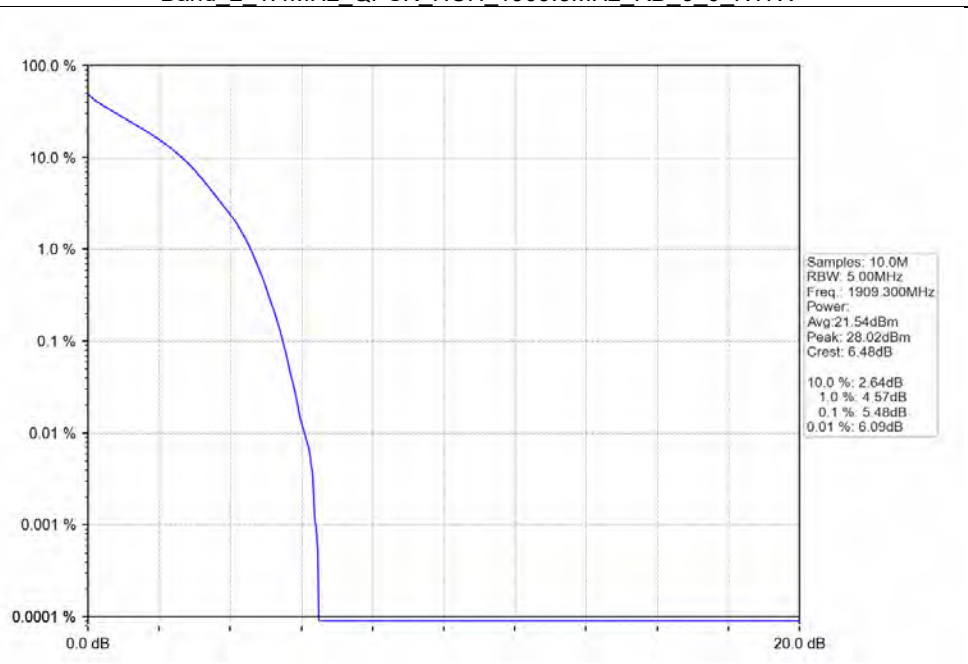
Band_2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



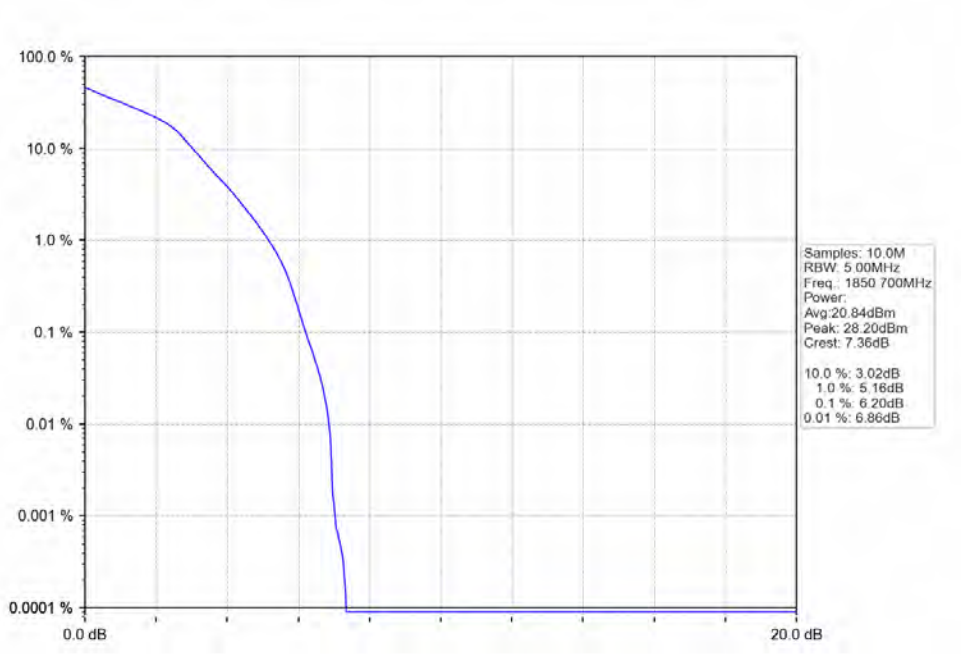
Band_2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV



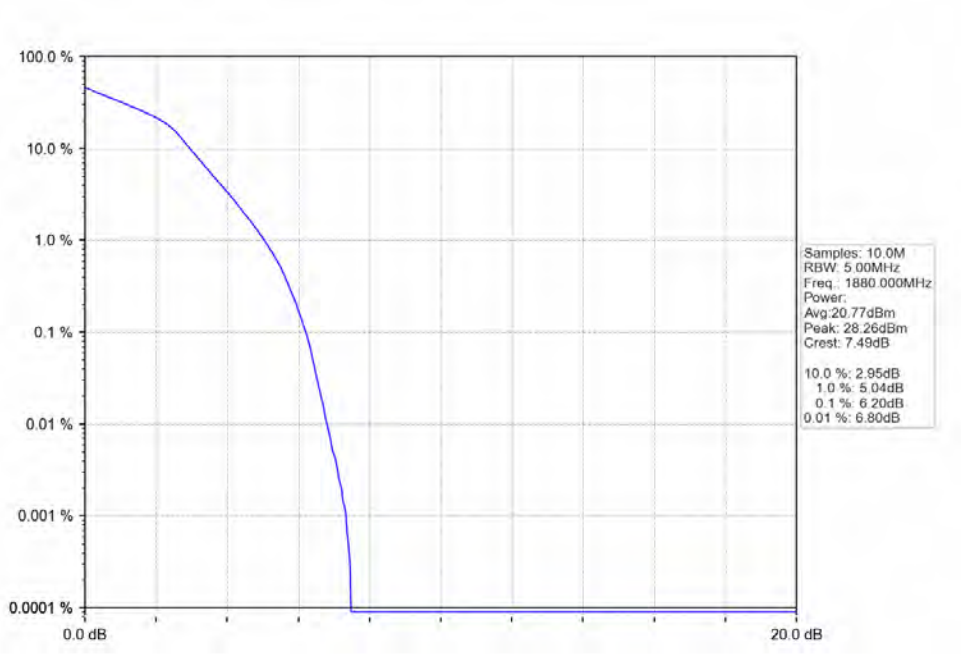
Band_2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



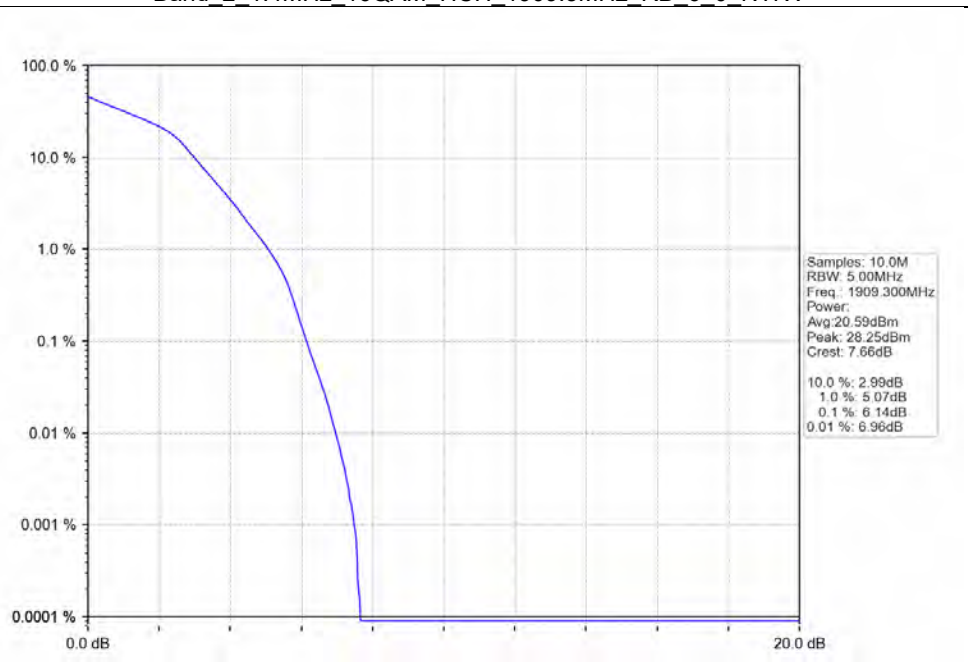
Band_2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



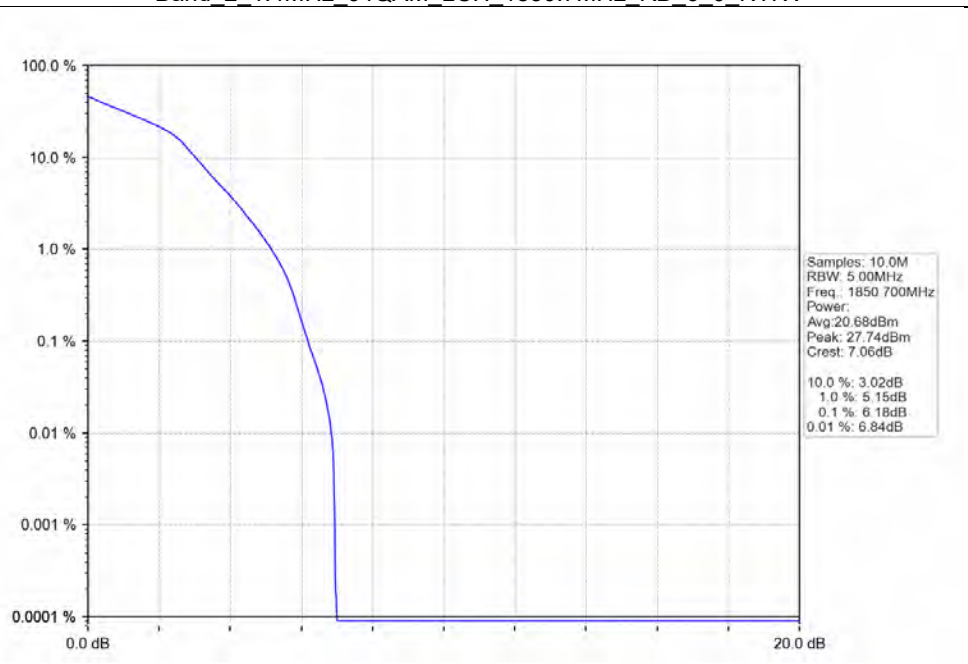
Band_2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



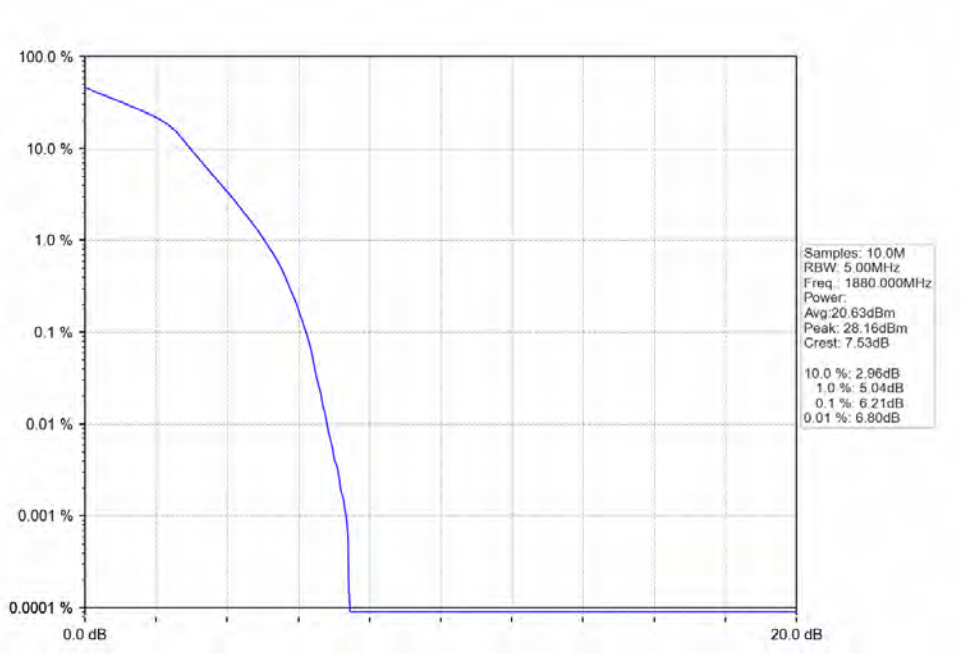
Band_2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

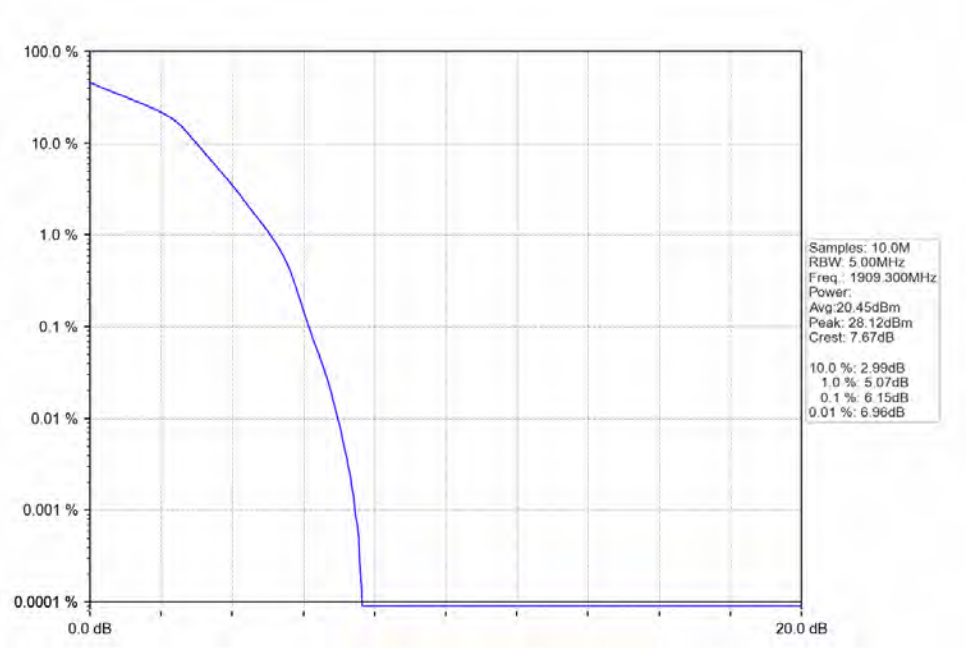


Band_2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV

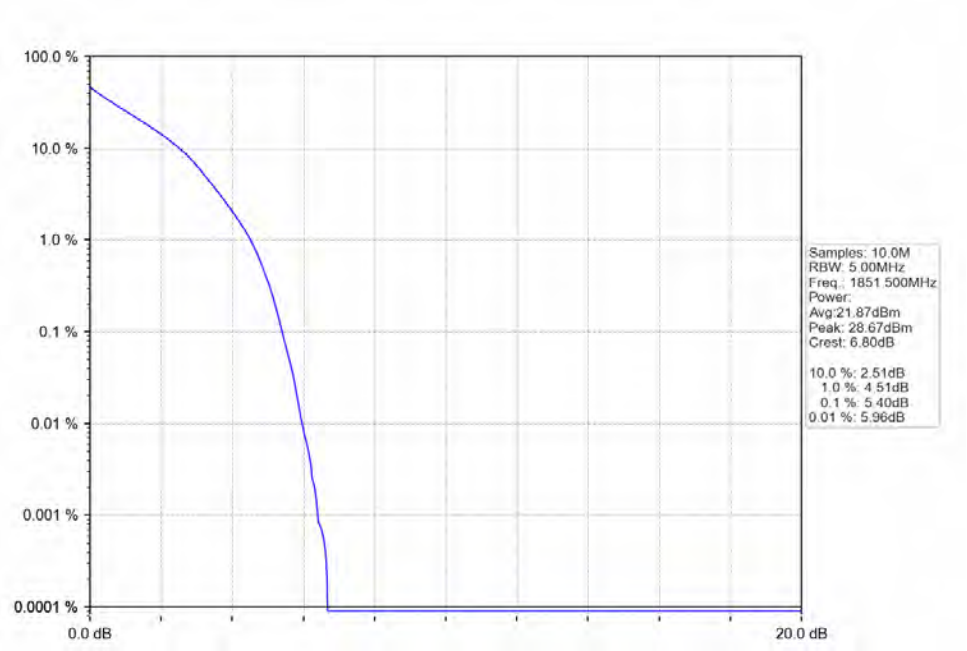


Band_2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

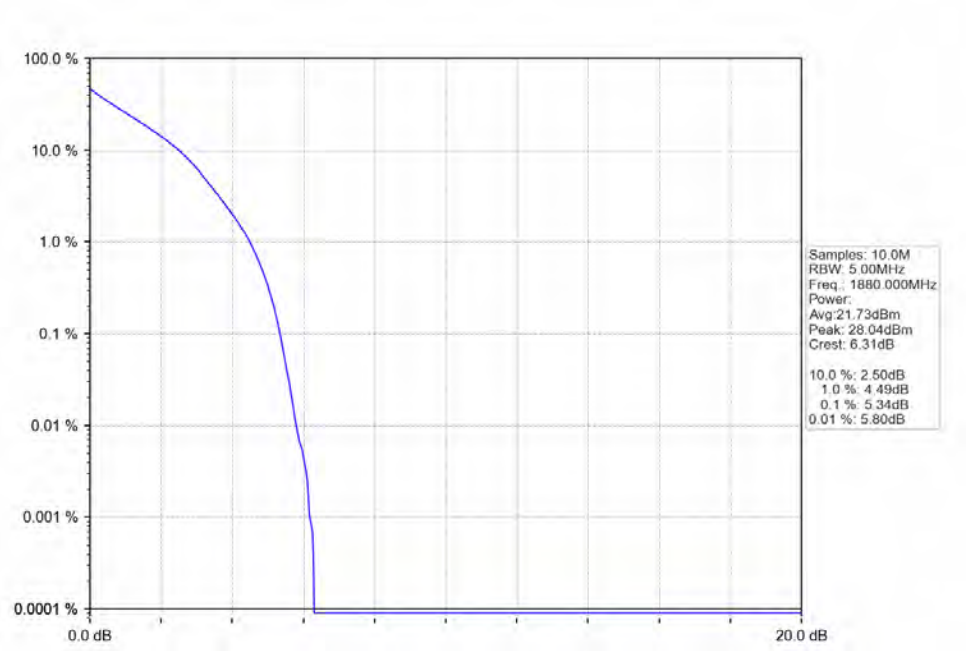


Band_2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV


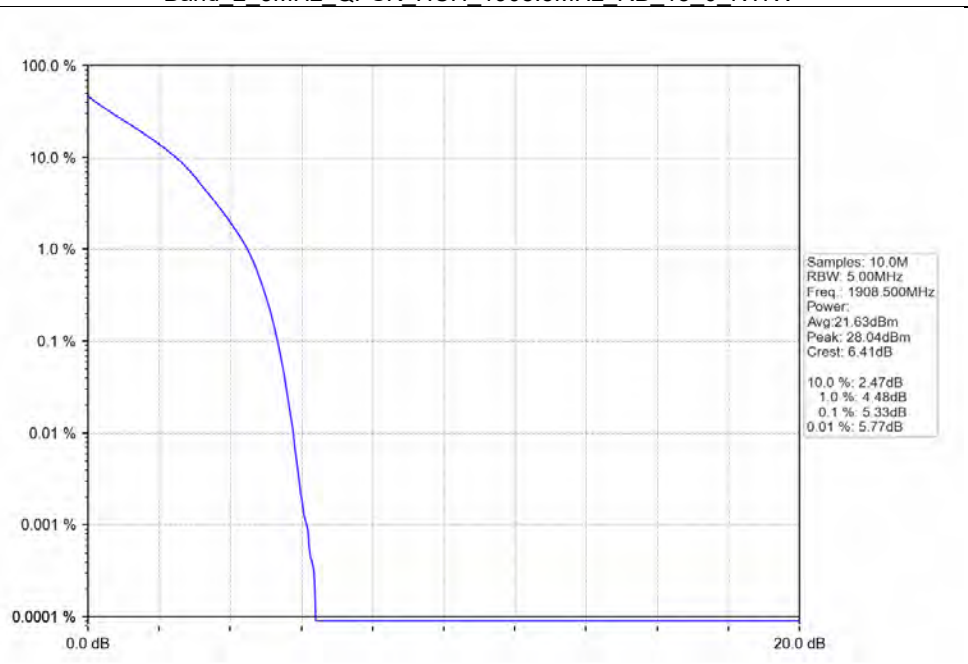
Band_2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



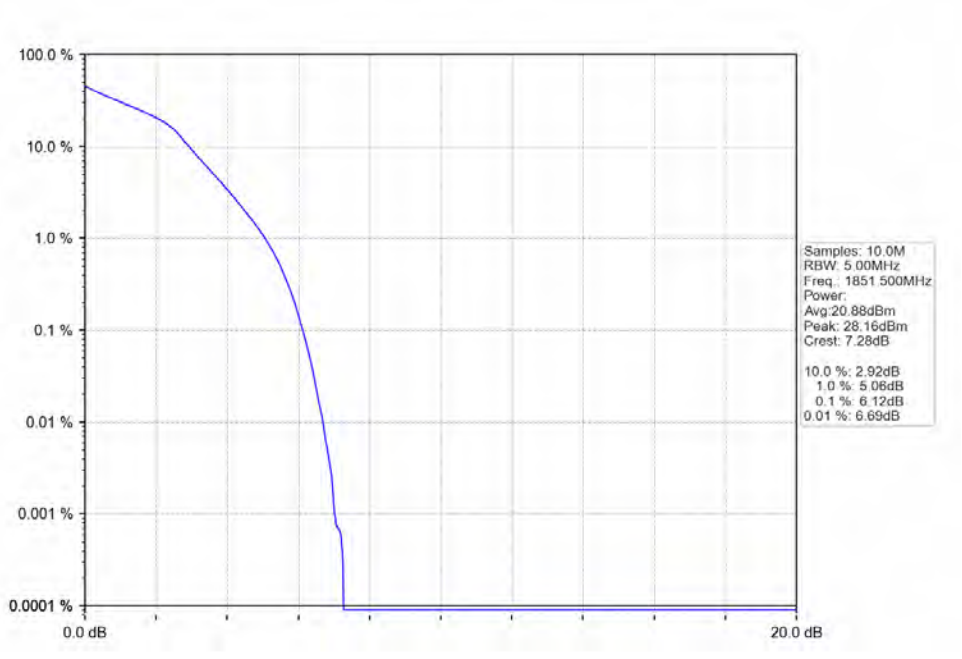
Band_2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



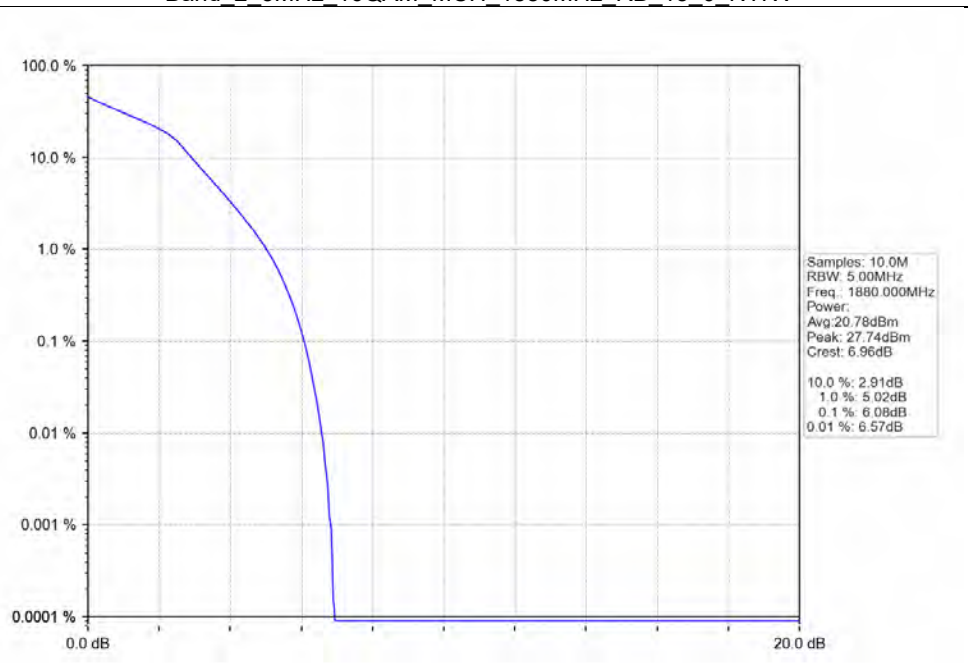
Band_2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



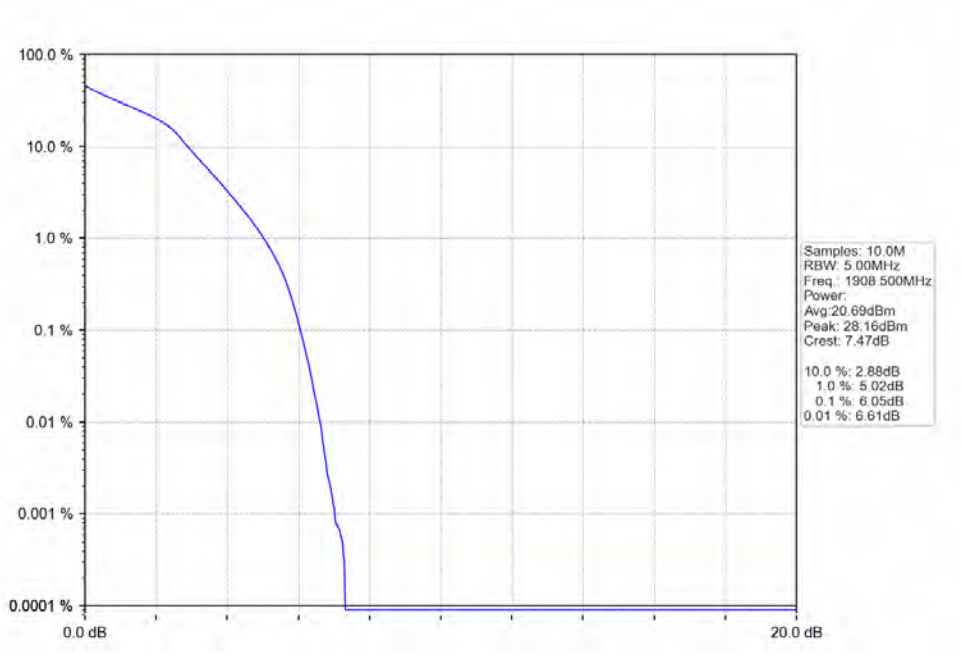
Band_2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



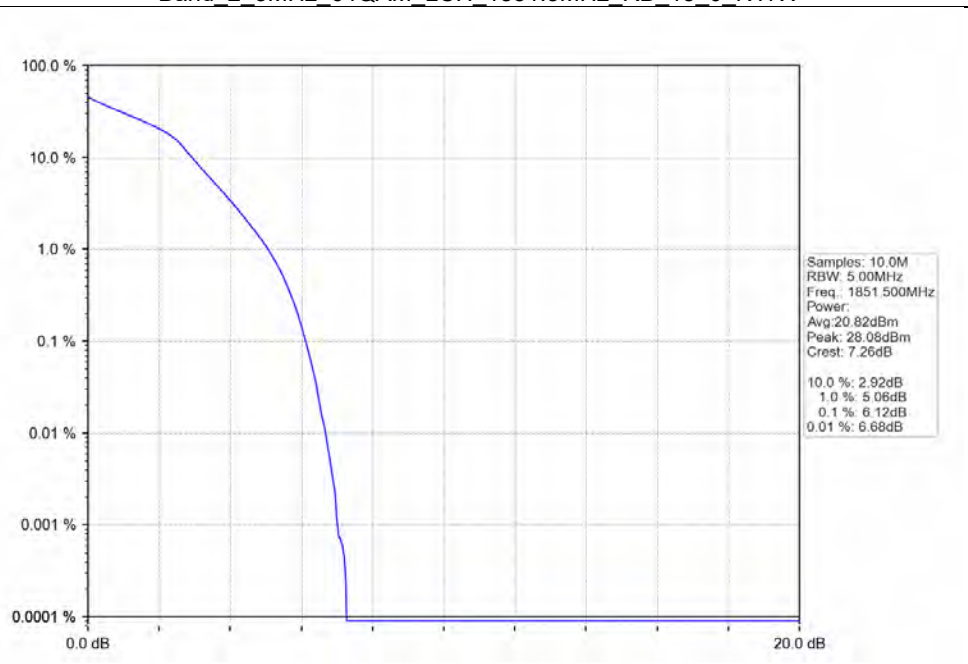
Band_2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



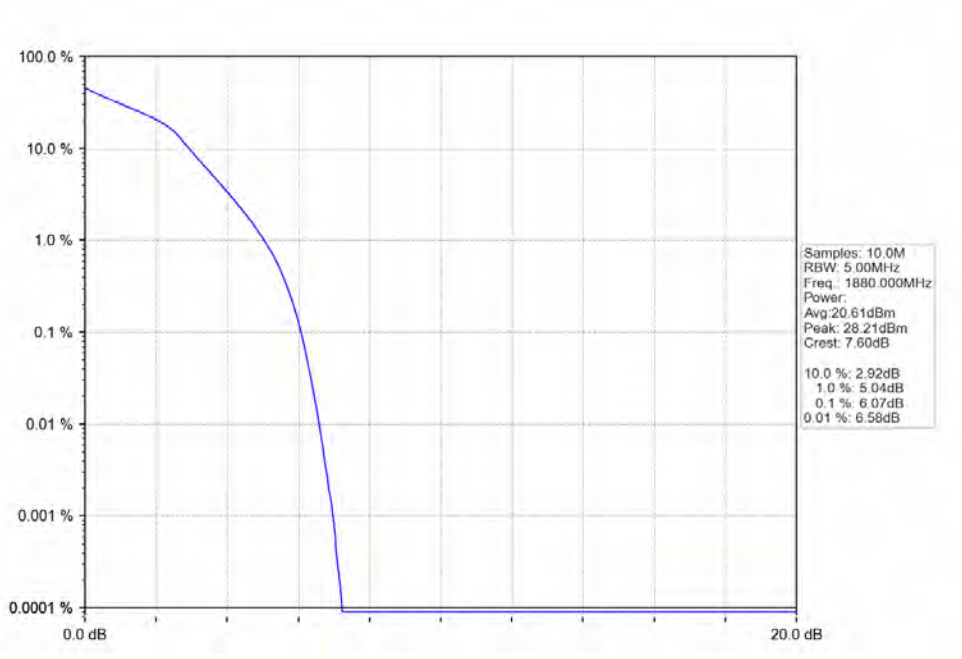
Band_2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



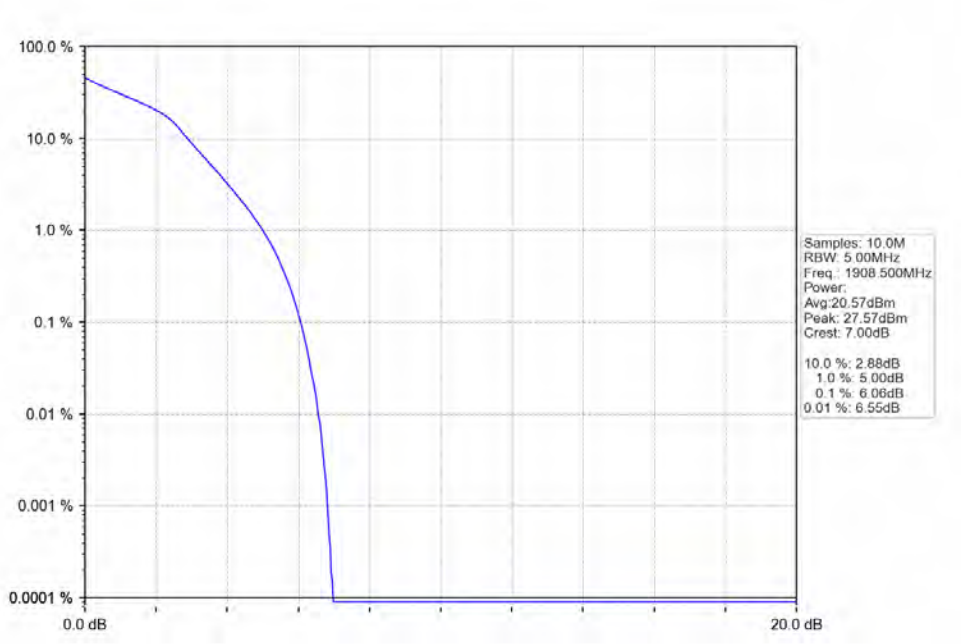
Band_2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



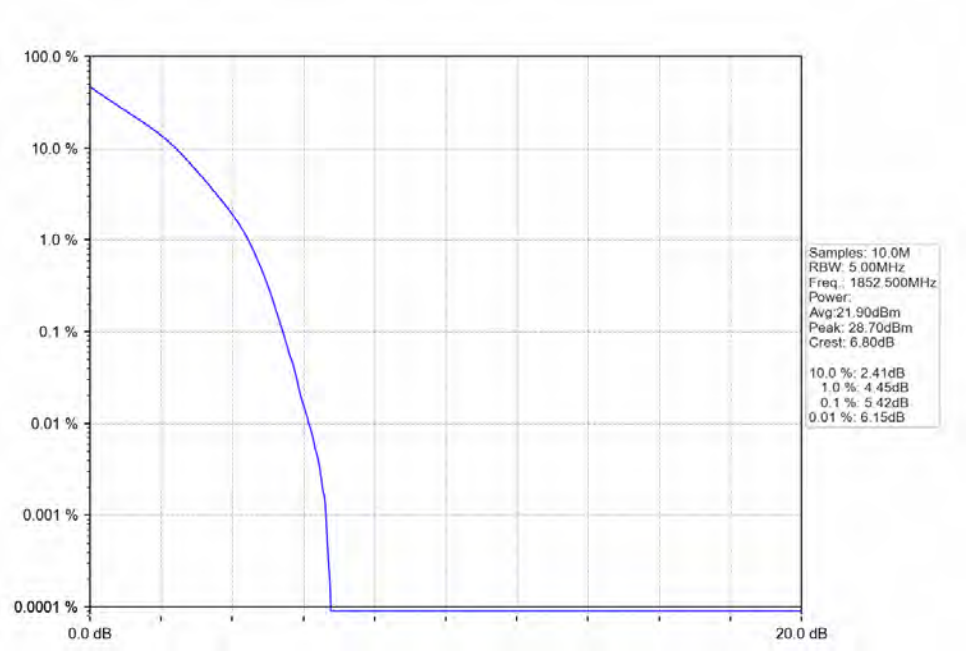
Band_2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



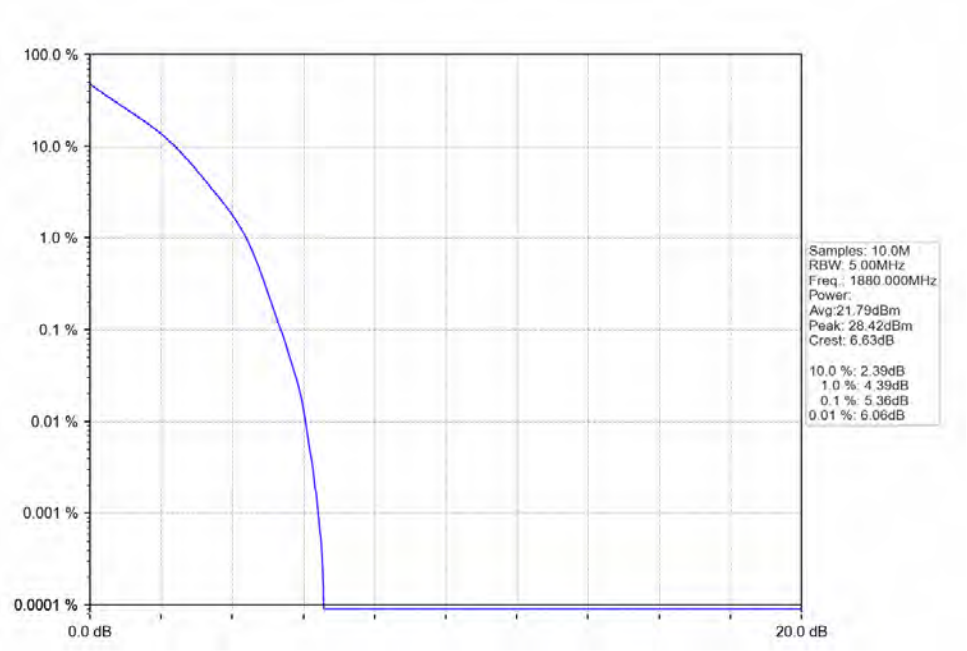
Band_2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV



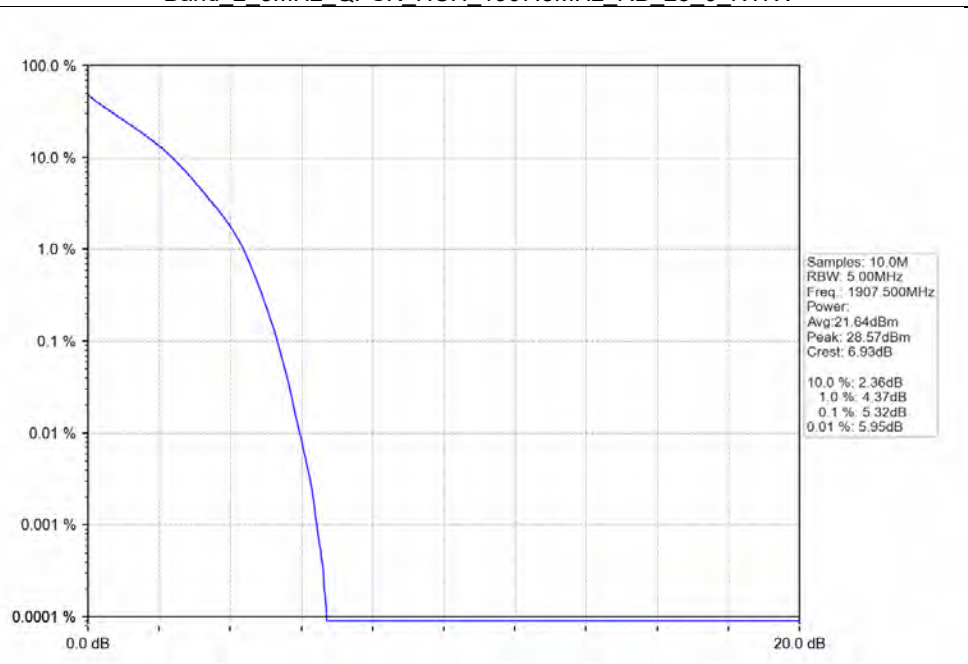
Band_2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



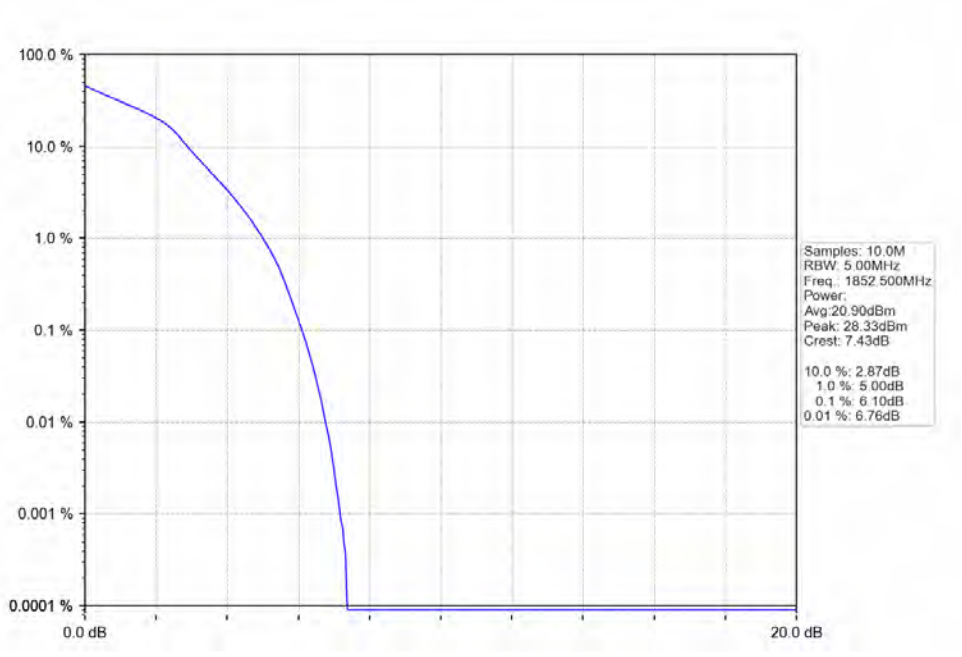
Band_2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



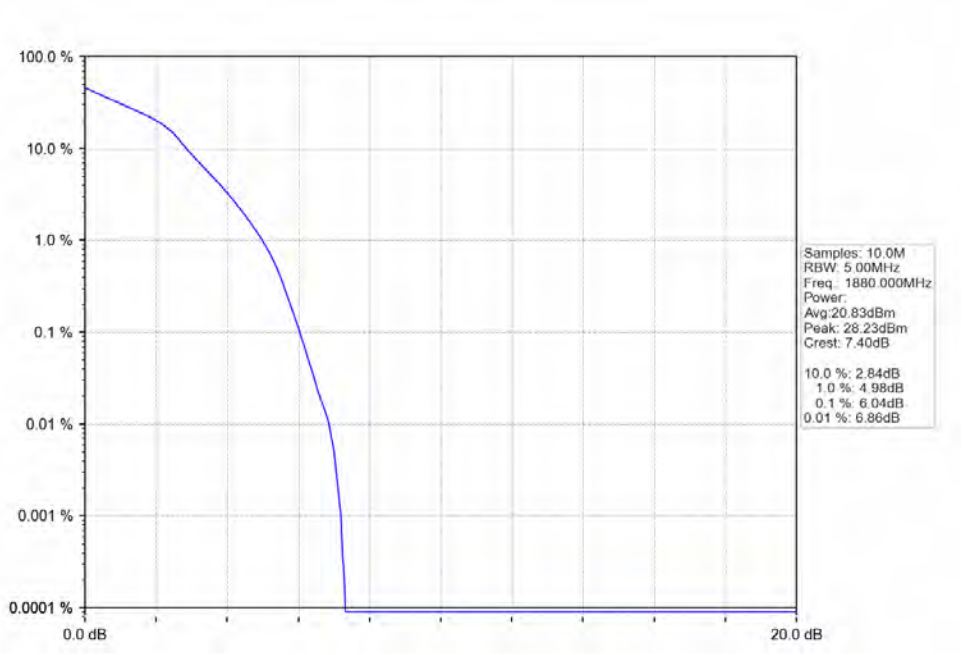
Band_2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



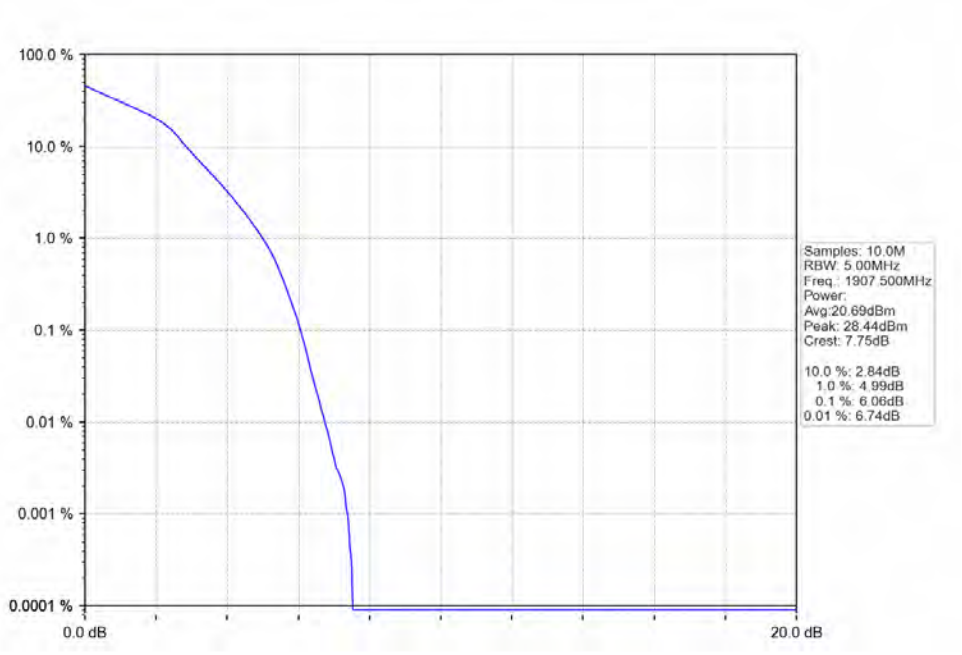
Band_2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



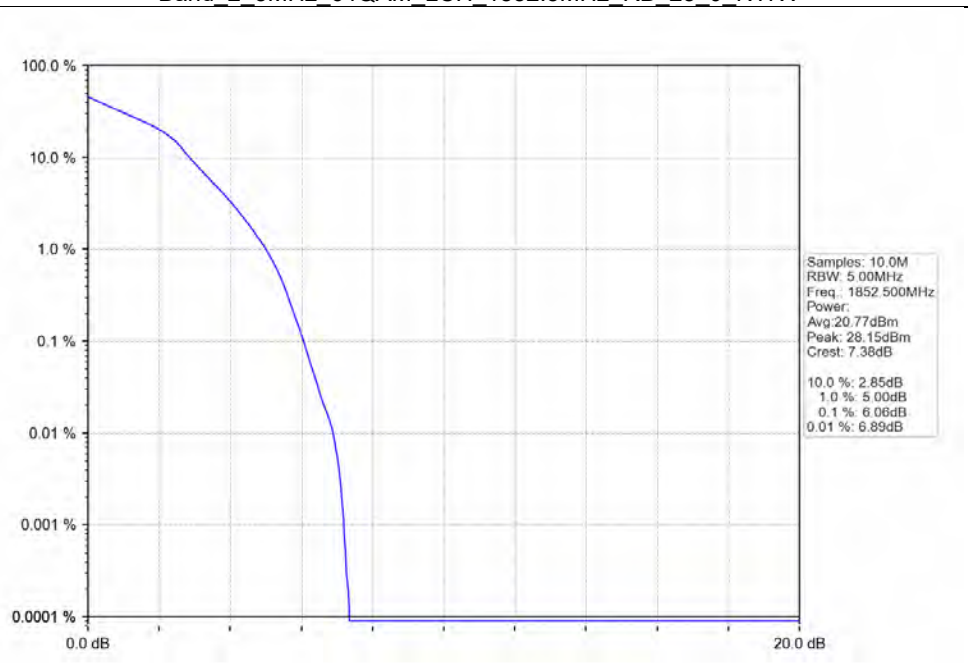
Band_2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



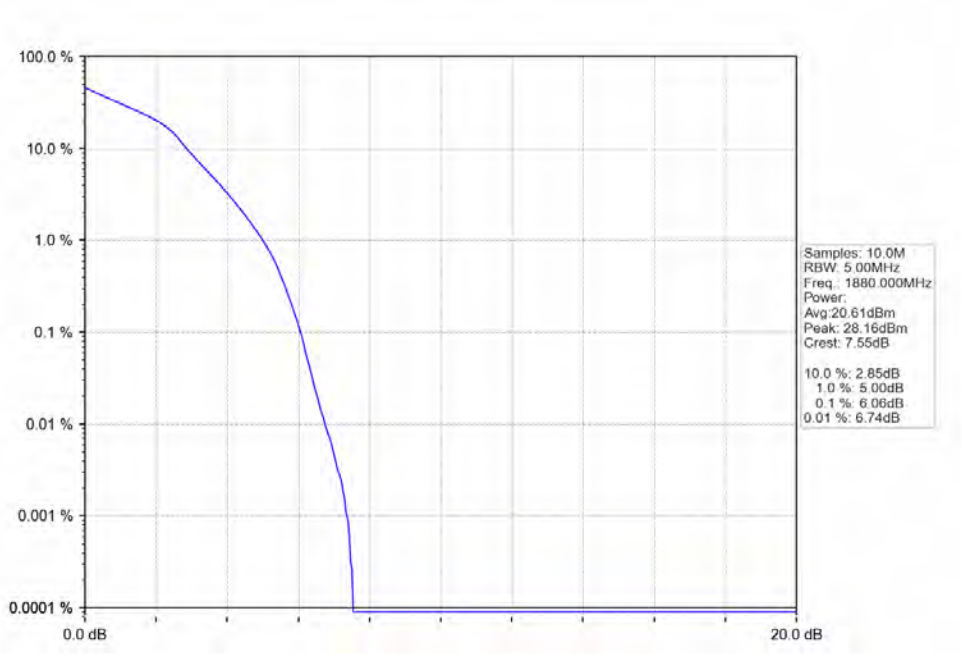
Band_2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



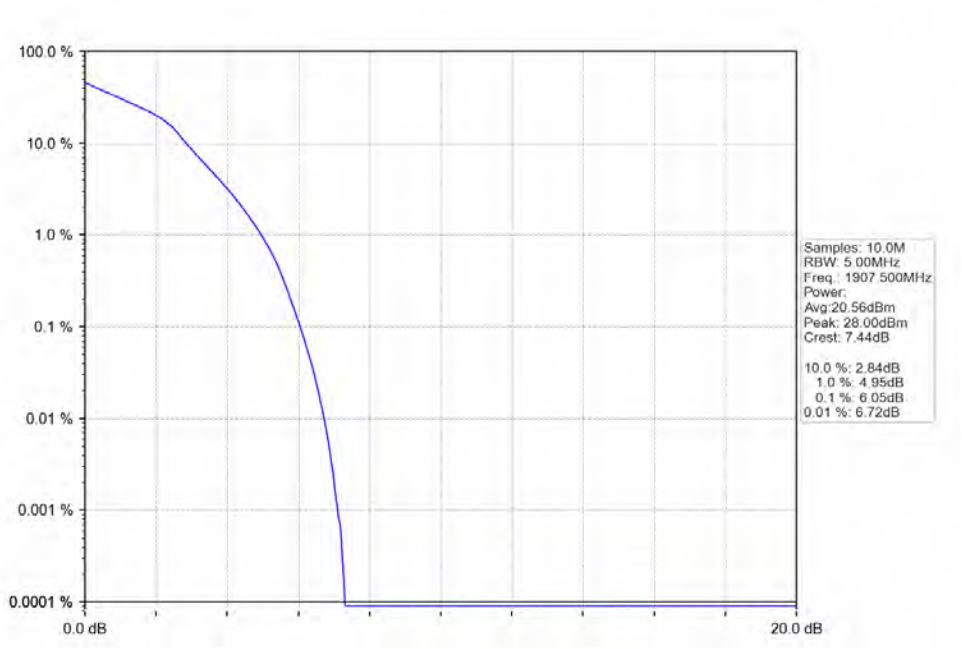
Band_2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



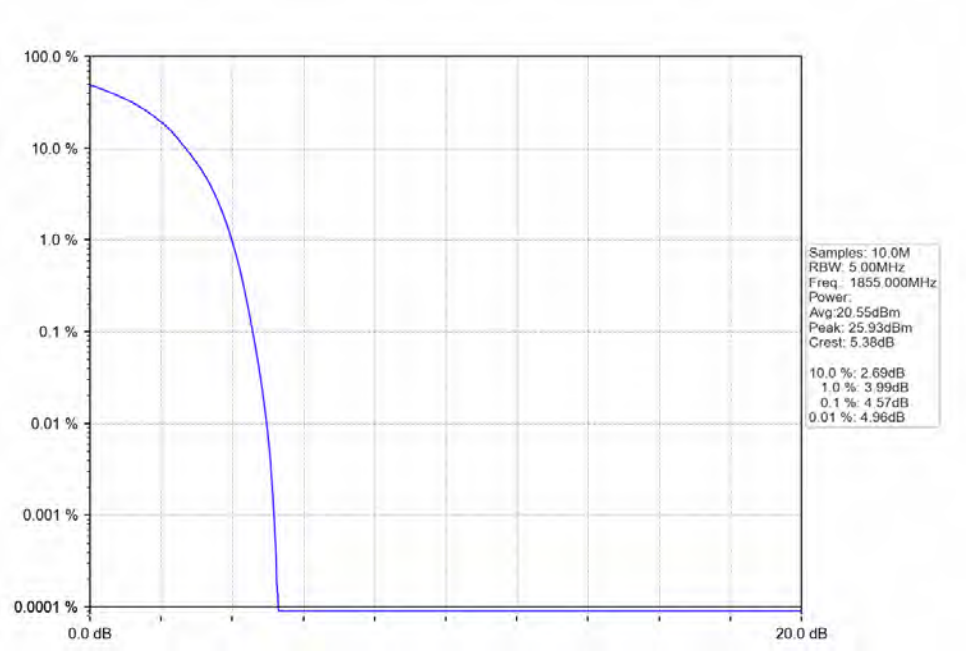
Band_2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



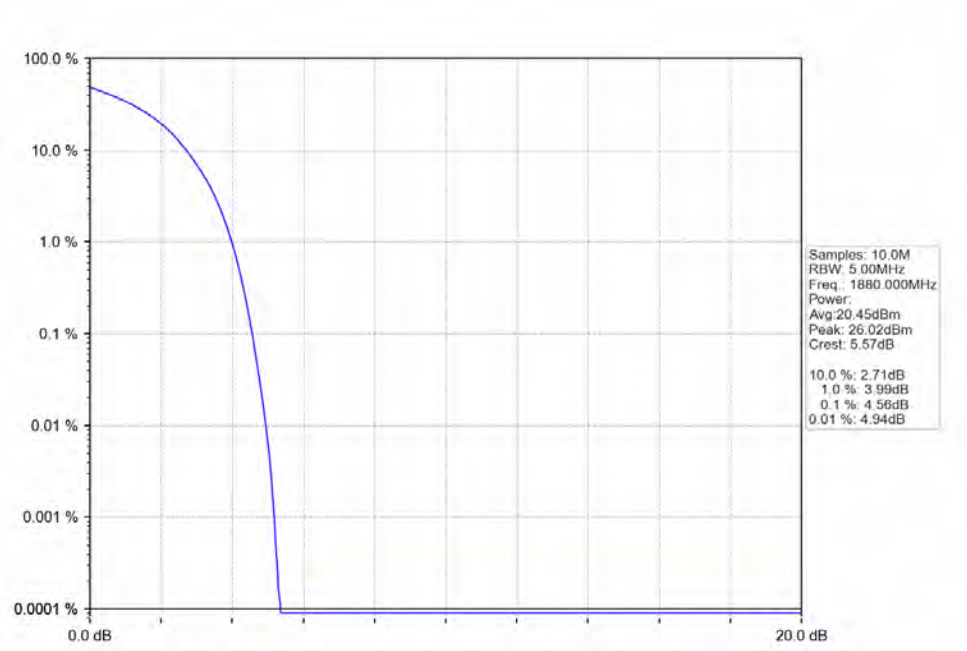
Band_2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



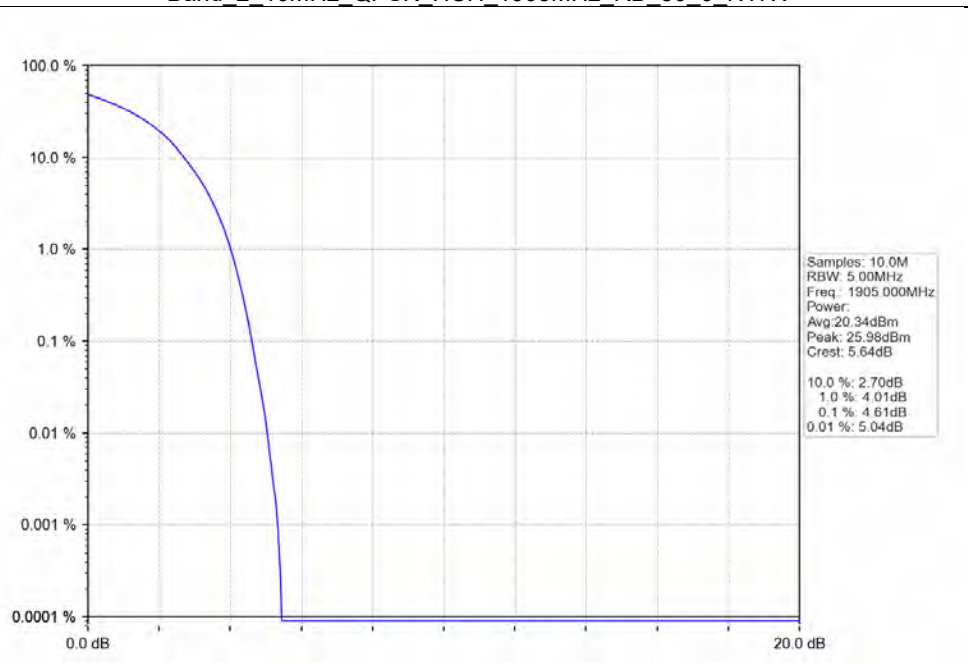
Band_2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



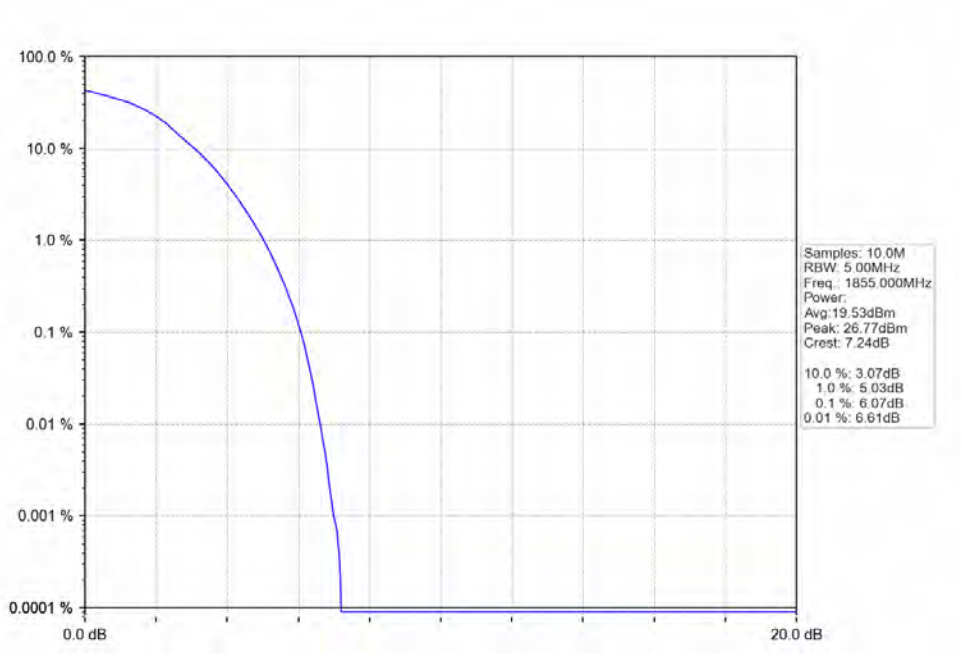
Band_2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



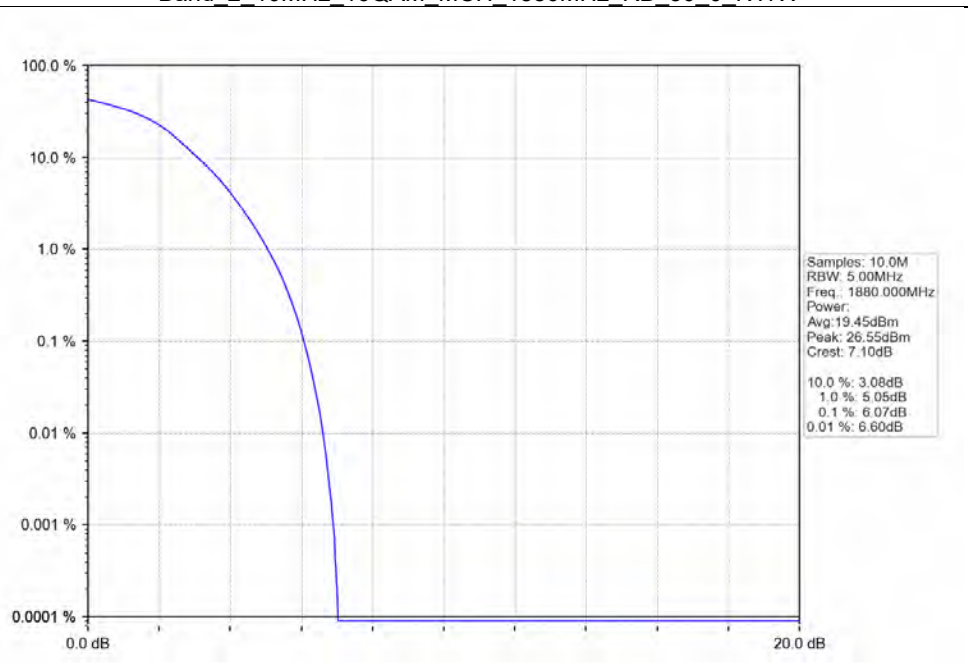
Band_2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



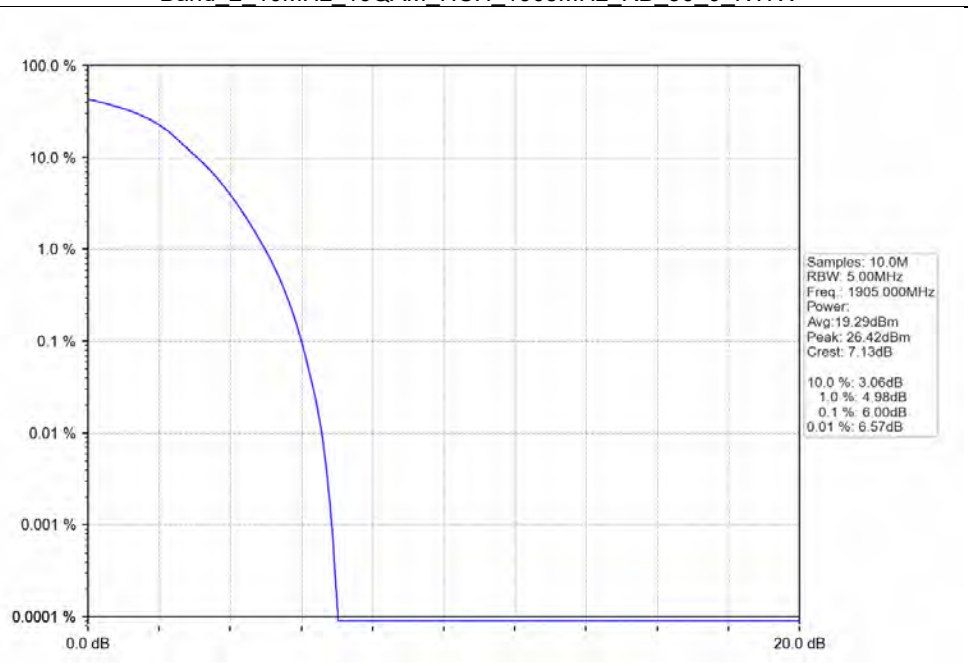
Band_2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



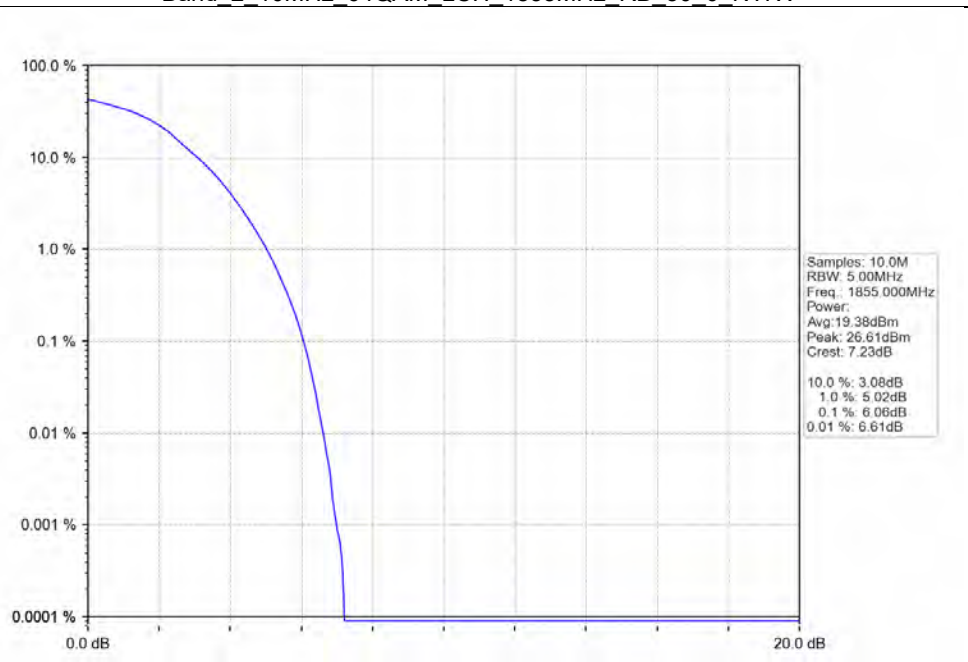
Band_2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



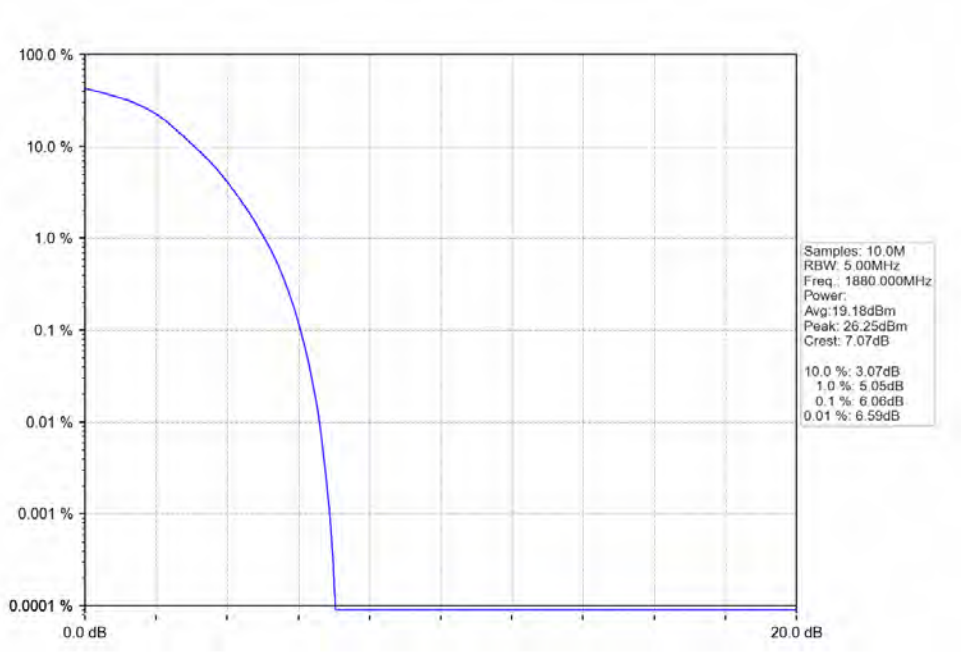
Band_2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



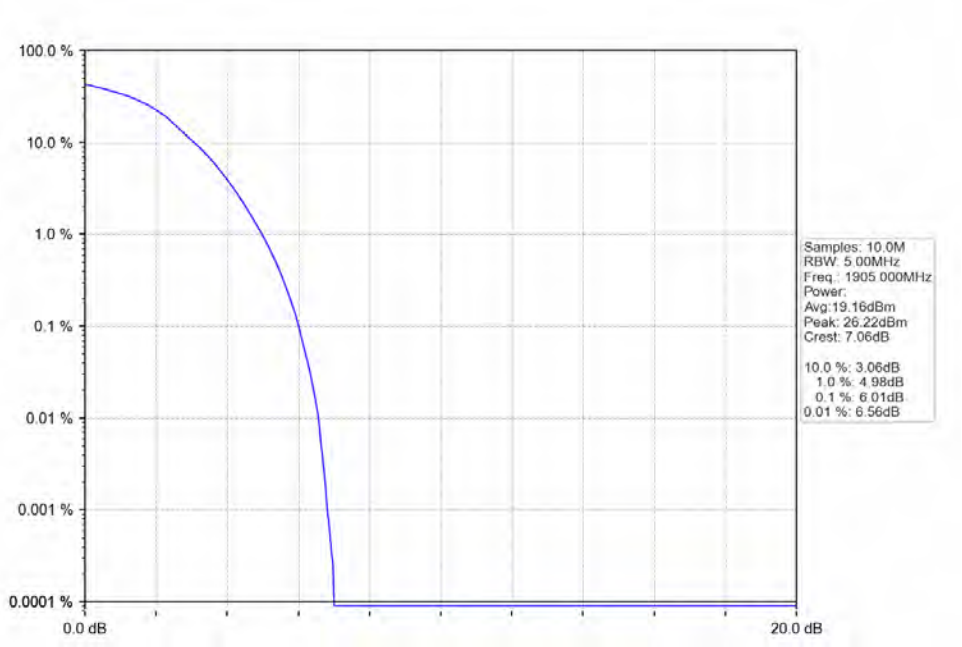
Band_2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



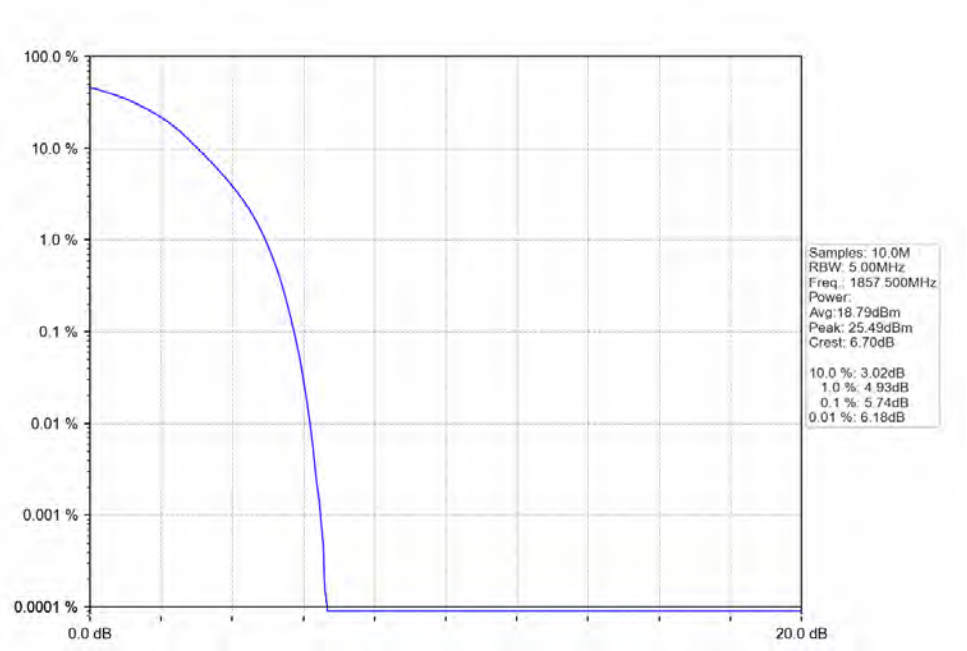
Band_2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



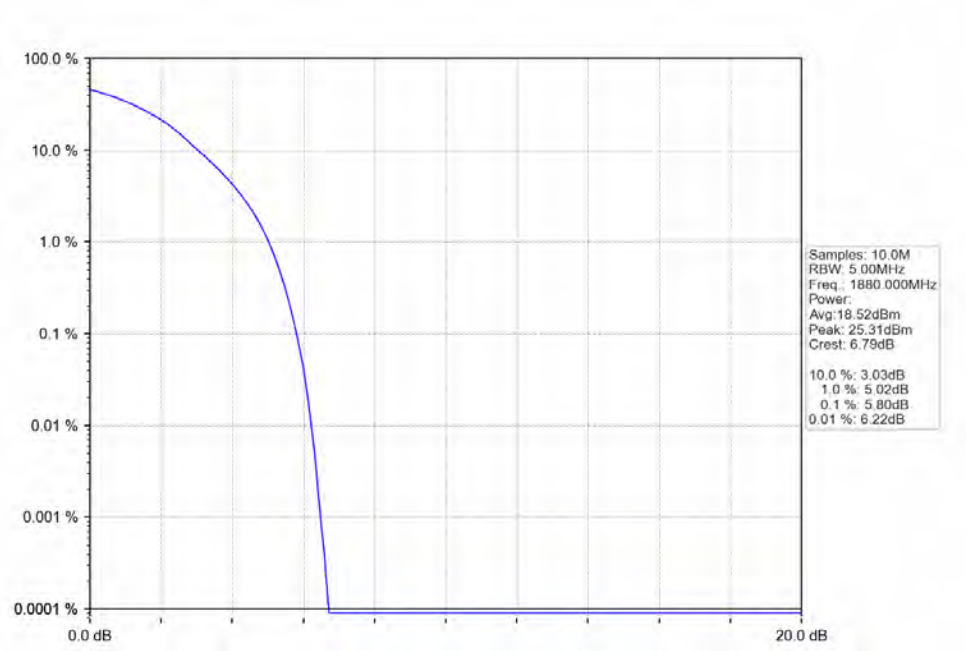
Band_2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



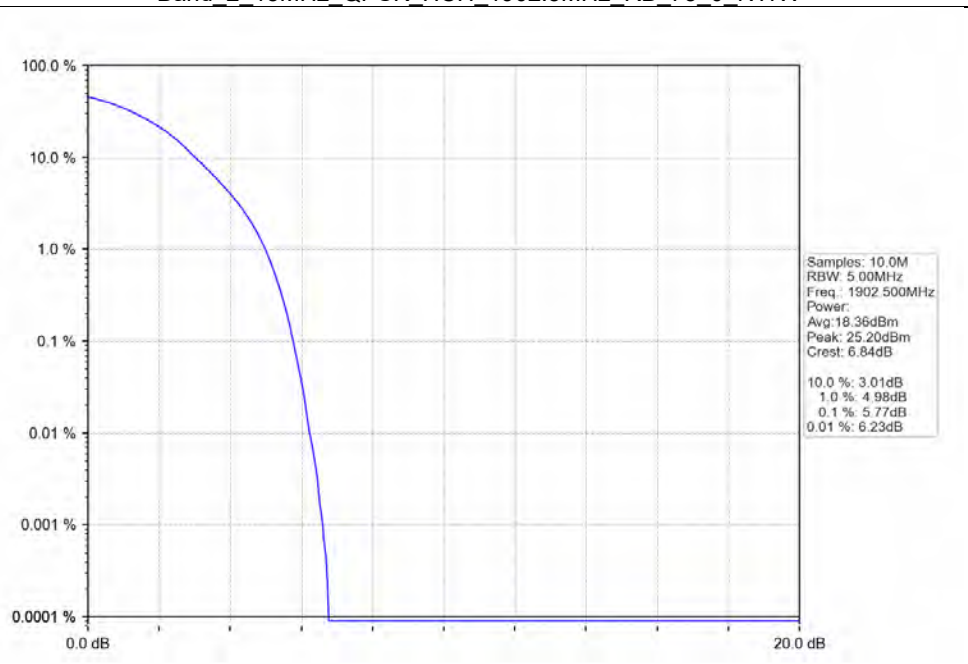
Band_2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



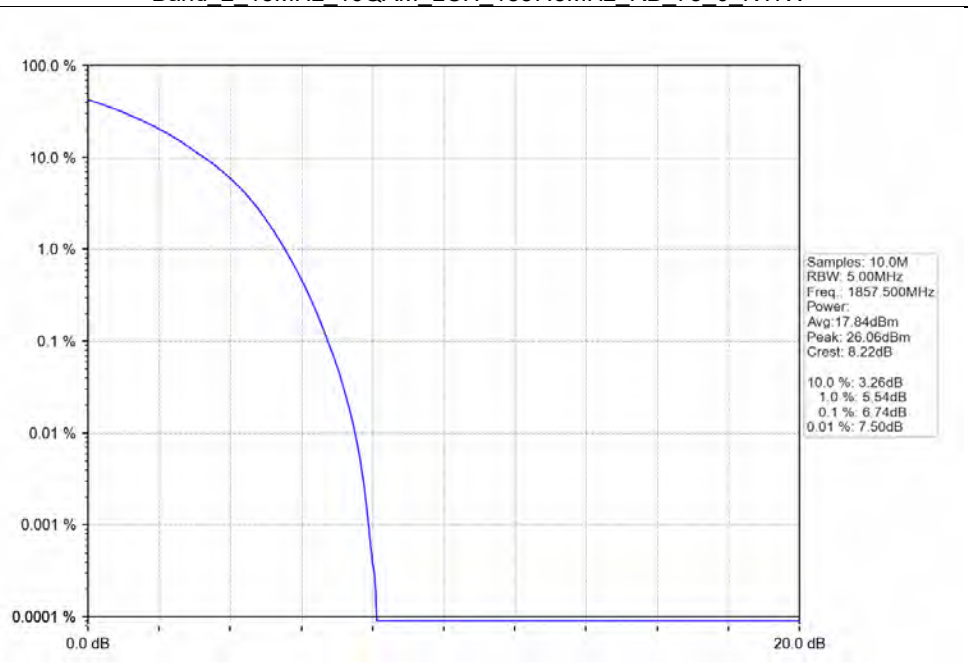
Band_2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



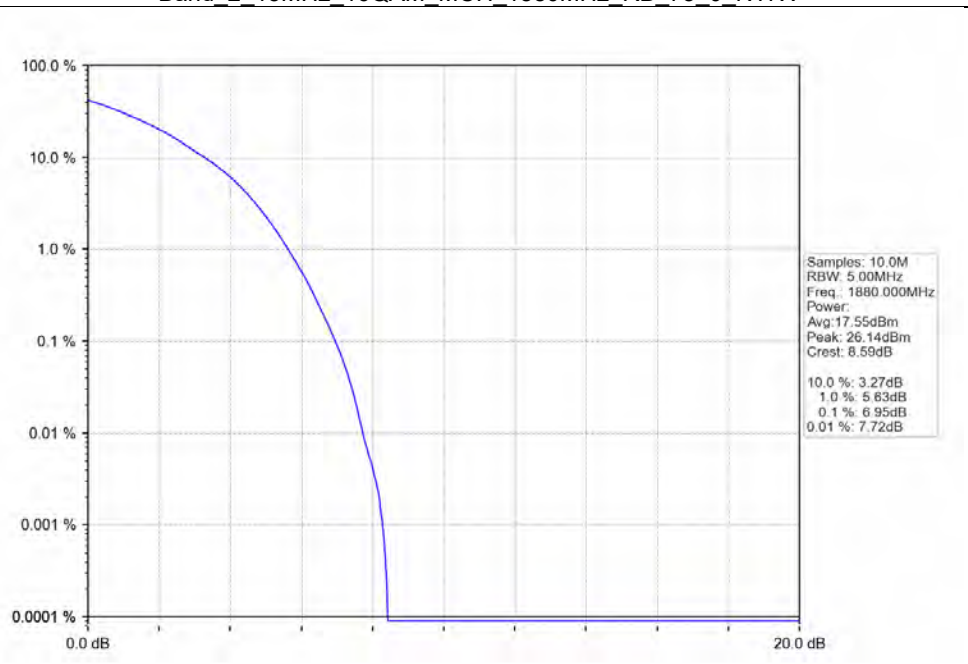
Band_2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



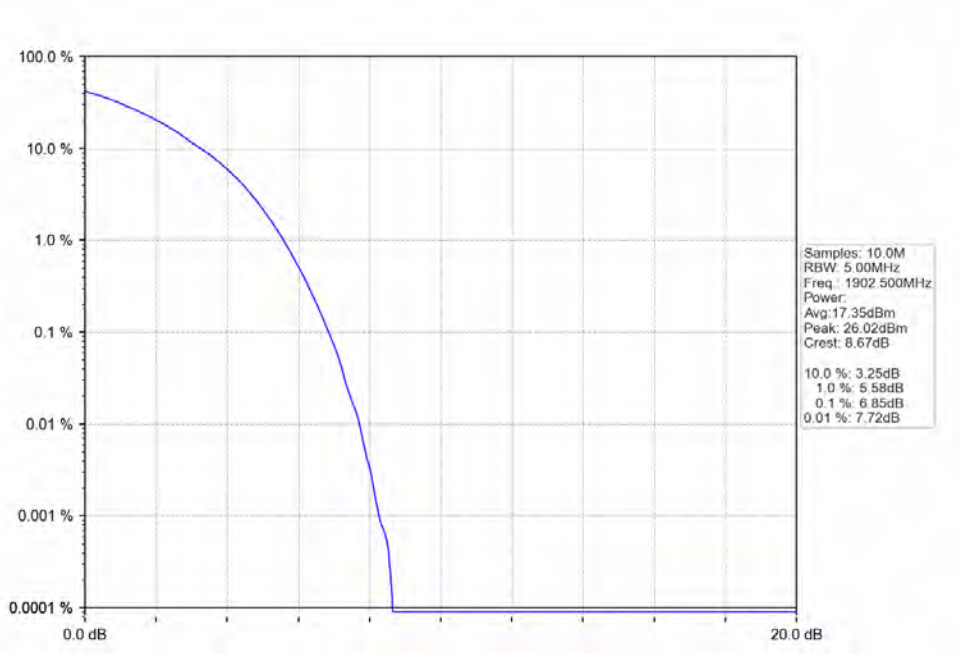
Band_2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



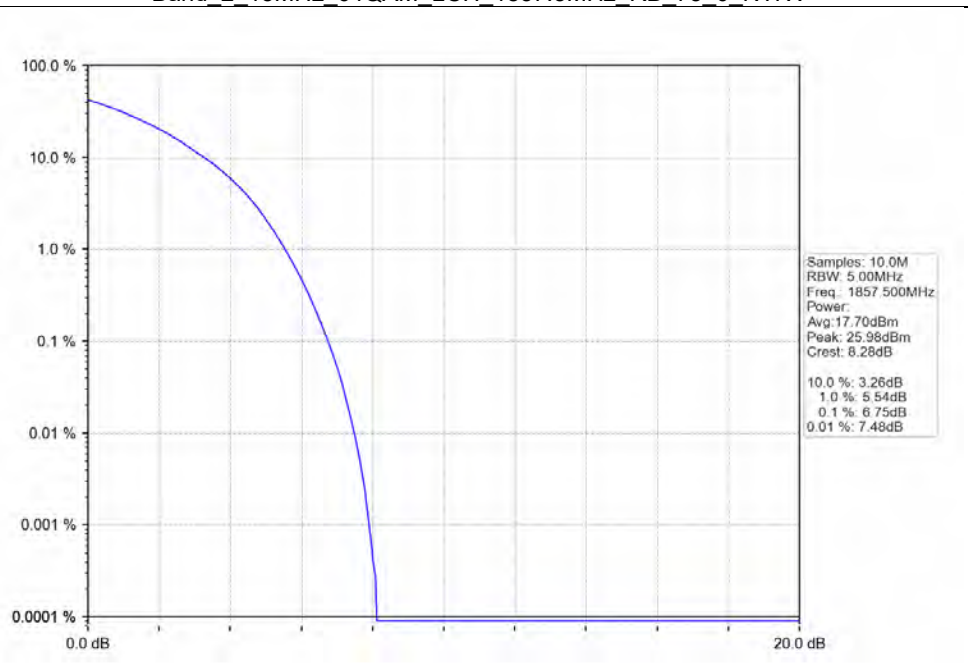
Band_2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



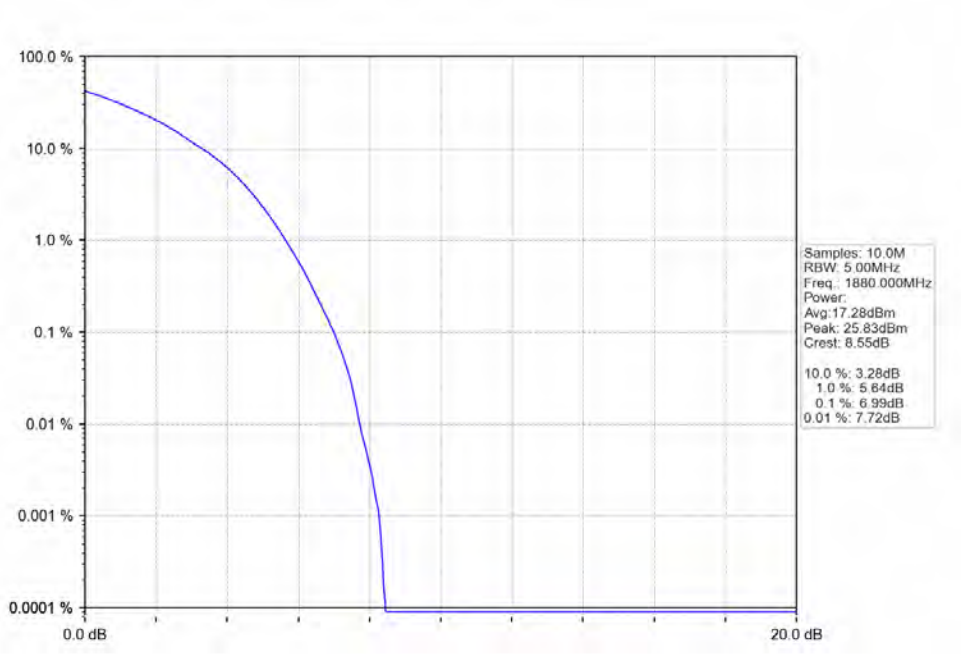
Band_2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



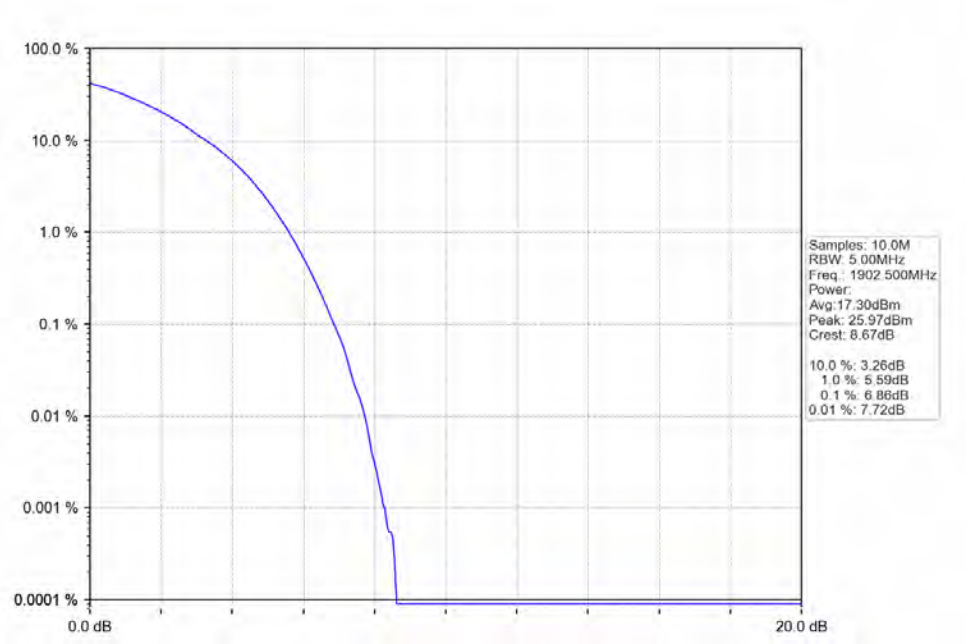
Band_2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



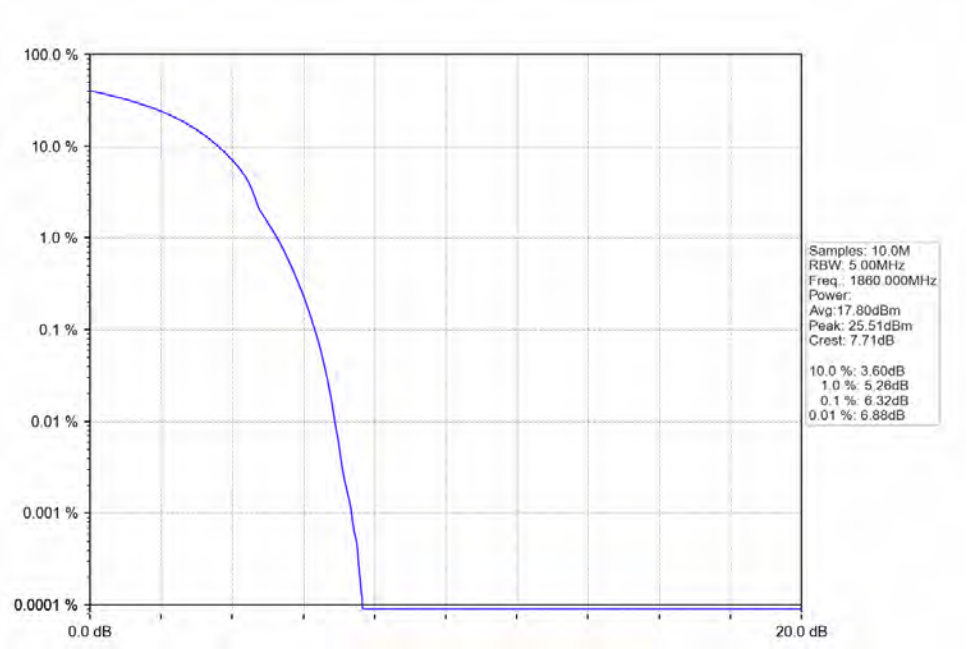
Band_2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV



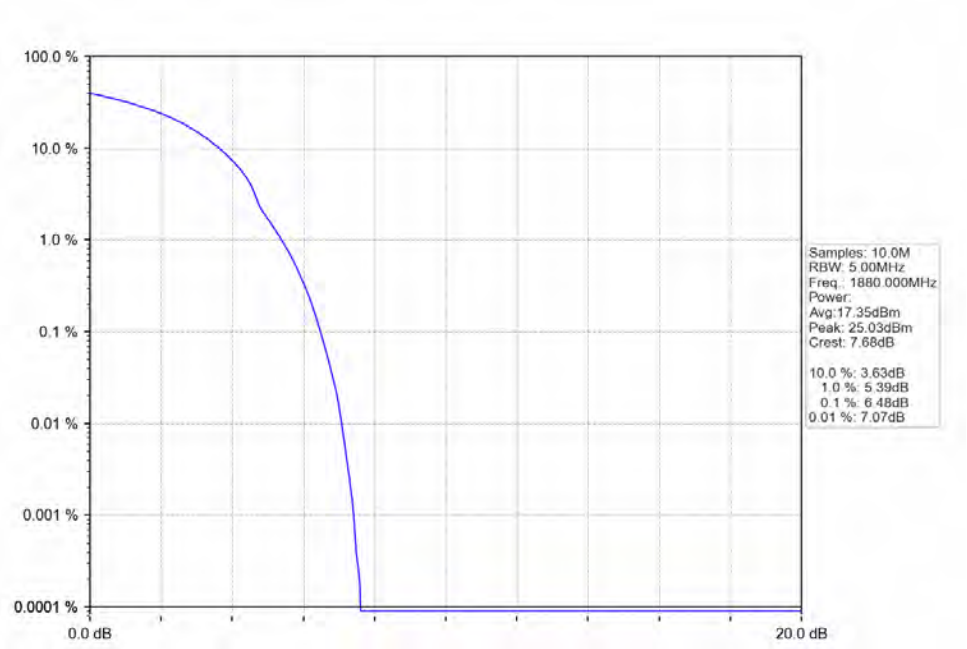
Band_2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



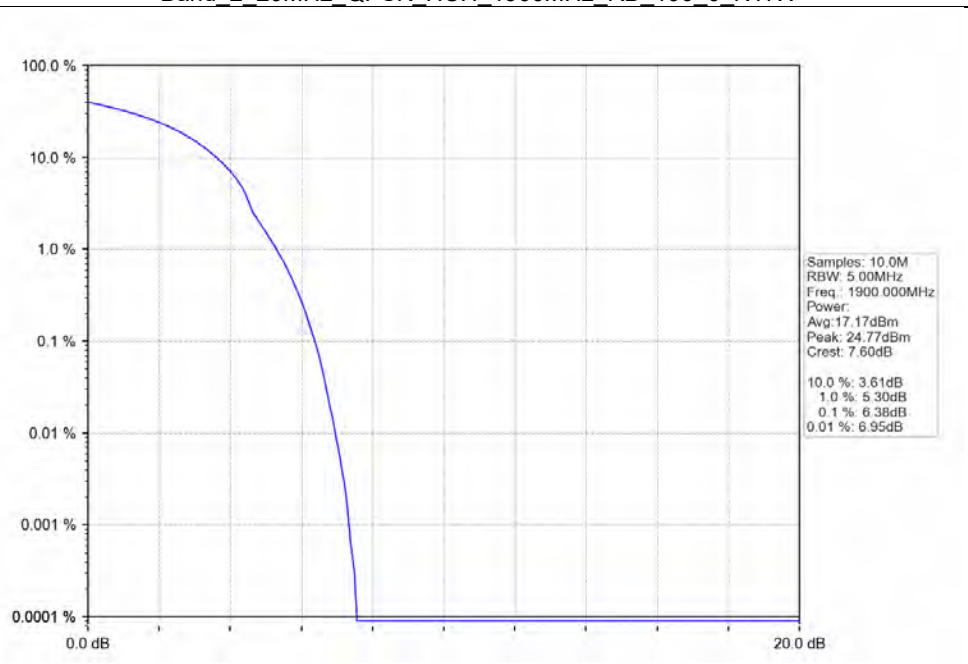
Band_2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



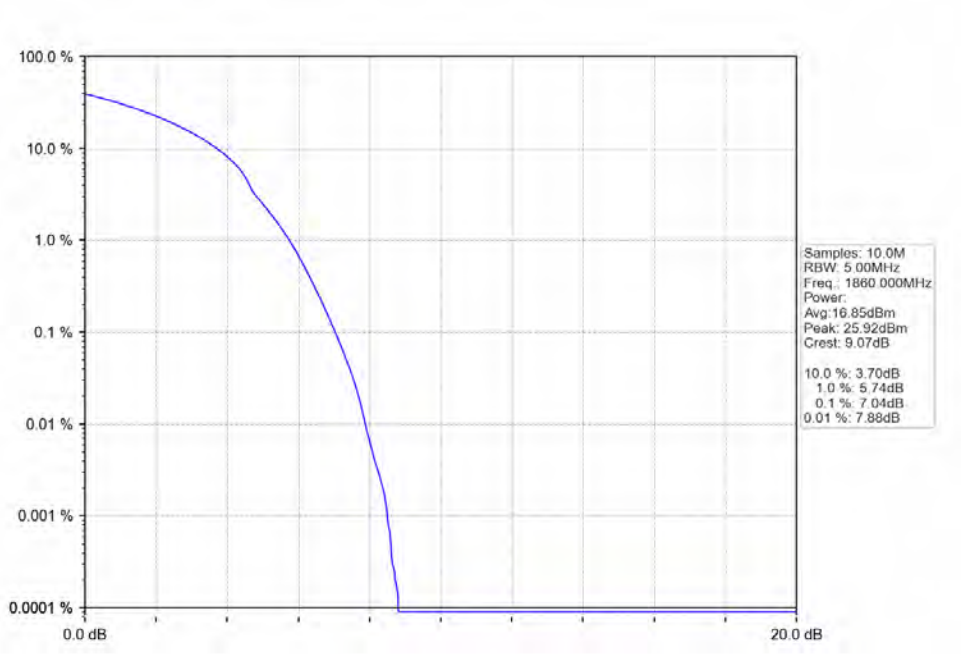
Band_2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



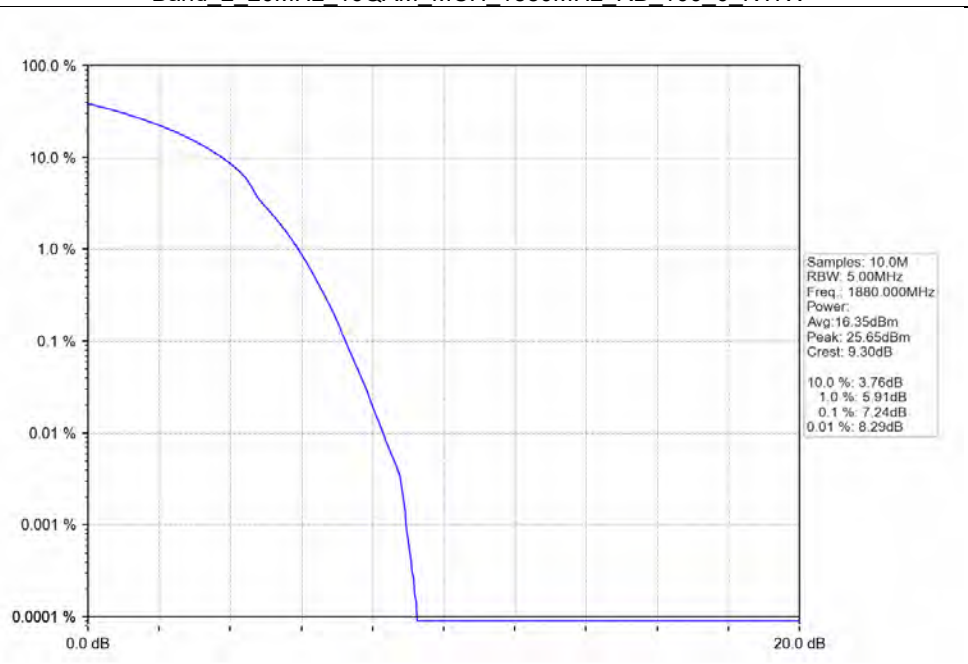
Band_2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



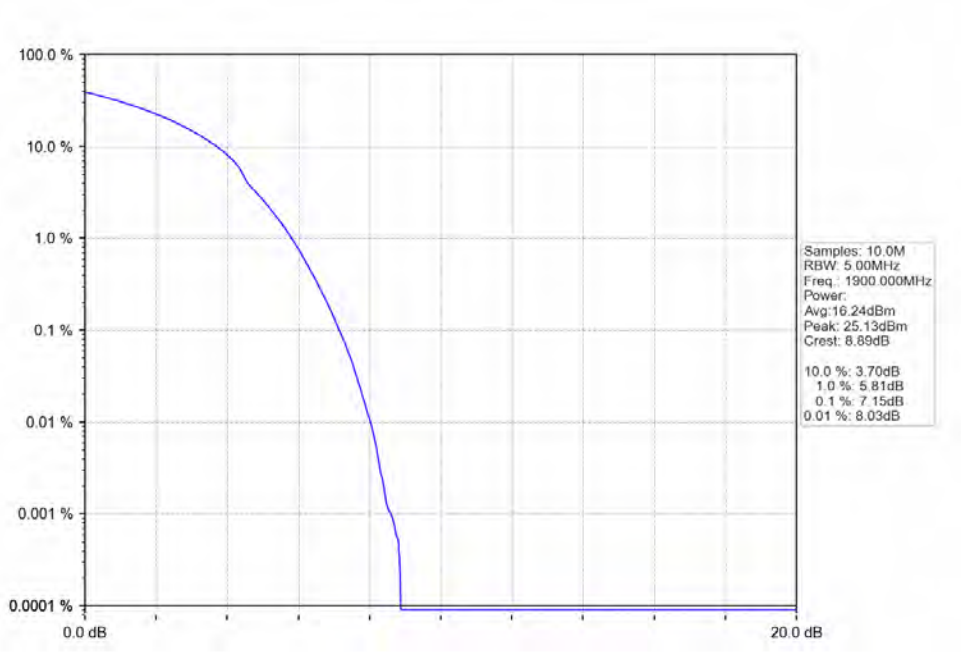
Band_2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



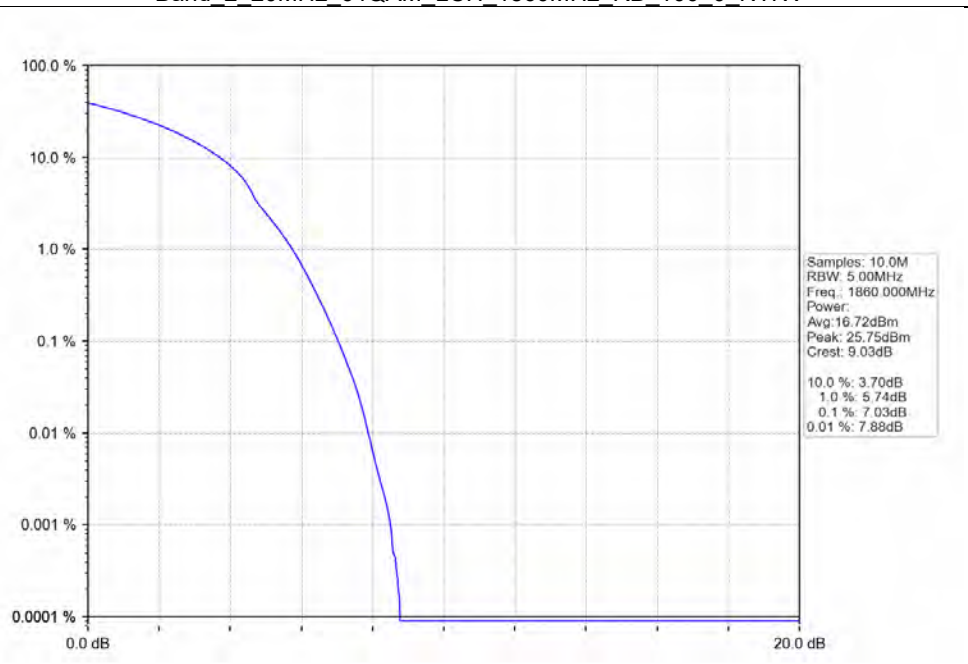
Band_2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



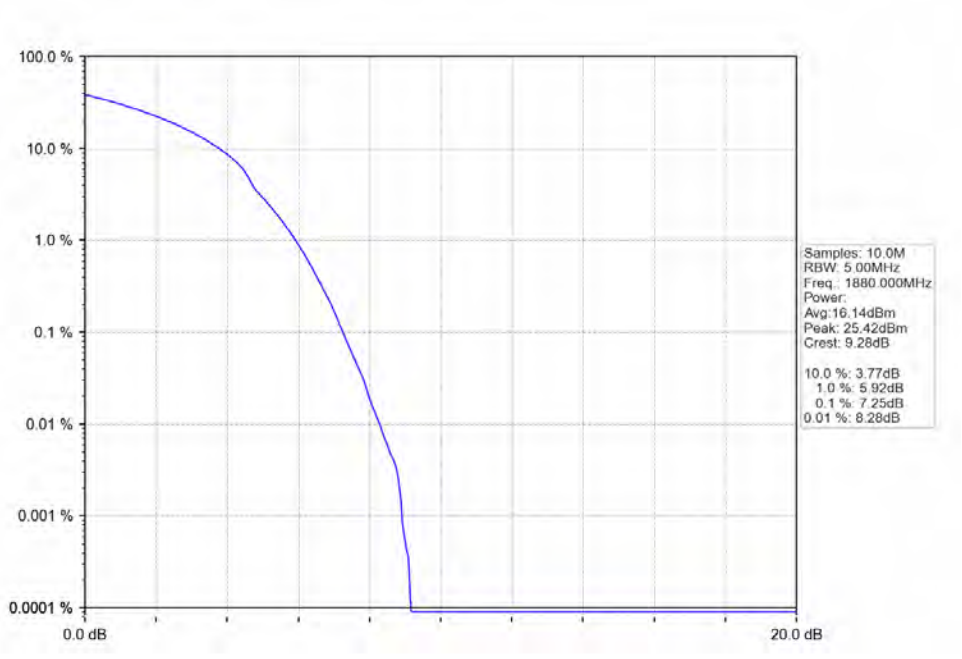
Band_2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

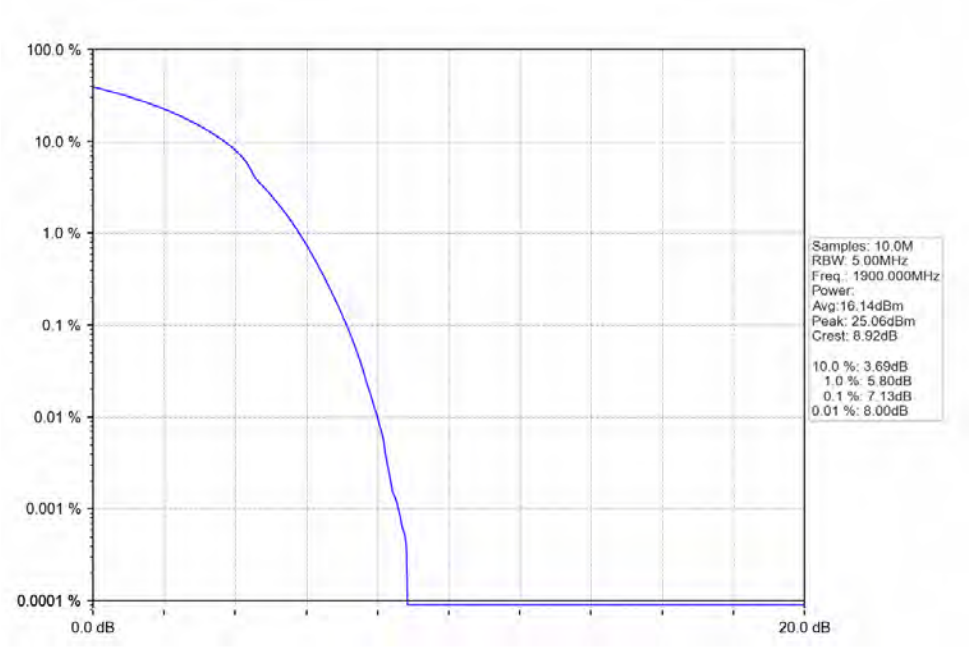


Band_2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band_2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band_2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV


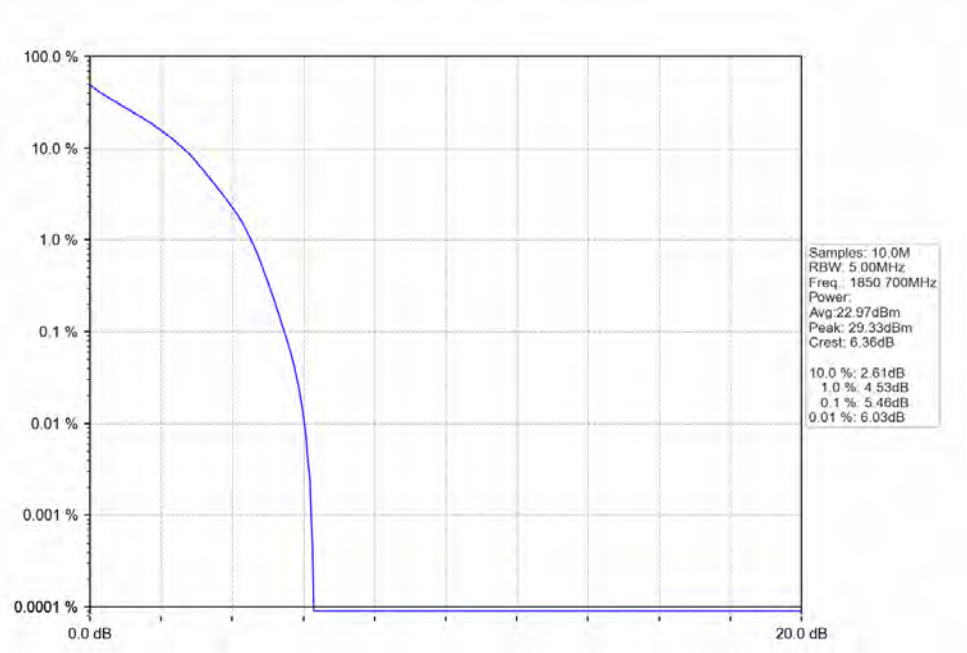
3.4 LTE Band 25

3.4.1 Test Result

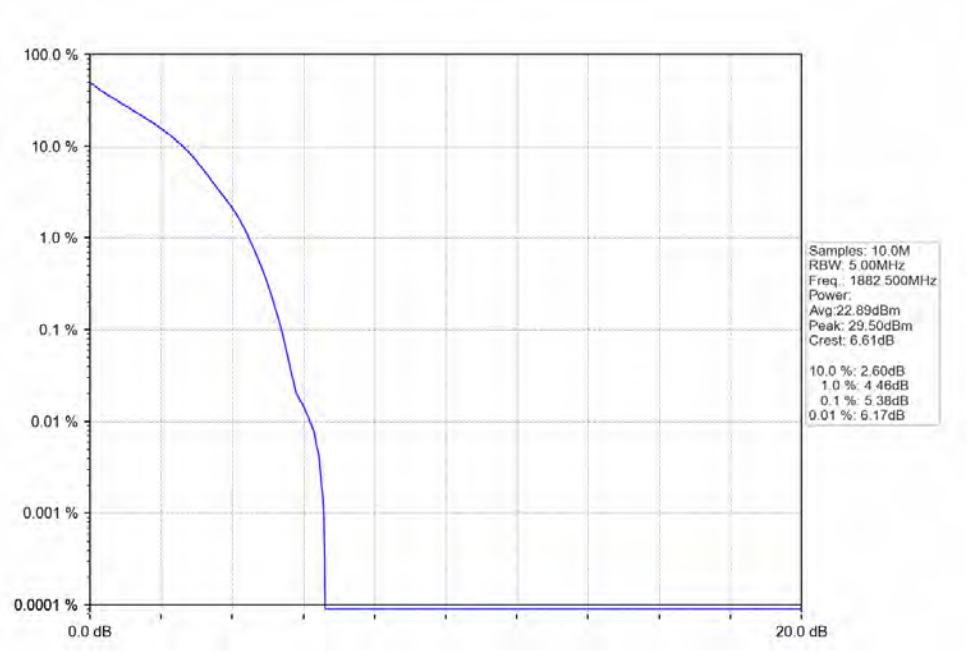
Band: 25 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	6	0	5.46	5.38	5.46	<=13	Pass
16QAM	6	0	6.11	6.11	6.17	<=13	Pass
64QAM	6	0	6.17	6.06	6.23	<=13	Pass
Band: 25 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	15	0	5.37	5.27	5.34	<=13	Pass
16QAM	15	0	6.05	6.01	6.08	<=13	Pass
64QAM	15	0	6.06	6.01	6.08	<=13	Pass
Band: 25 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	25	0	5.37	5.32	5.43	<=13	Pass
16QAM	25	0	6.07	5.97	6.10	<=13	Pass
64QAM	25	0	6.08	5.97	6.09	<=13	Pass
Band: 25 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	50	0	4.57	4.56	4.56	<=13	Pass
16QAM	50	0	6.06	6.04	5.98	<=13	Pass
64QAM	50	0	6.04	6.04	5.98	<=13	Pass
Band: 25 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	75	0	5.74	5.81	5.80	<=13	Pass
16QAM	75	0	6.74	6.98	6.87	<=13	Pass
64QAM	75	0	6.74	6.95	6.88	<=13	Pass
Band: 25 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		Peak-Average Ratio (dB)				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	100	0	6.34	6.49	6.50	<=13	Pass
16QAM	100	0	7.07	7.24	7.30	<=13	Pass
64QAM	100	0	7.08	7.24	7.28	<=13	Pass

3.4.2 Test Graph

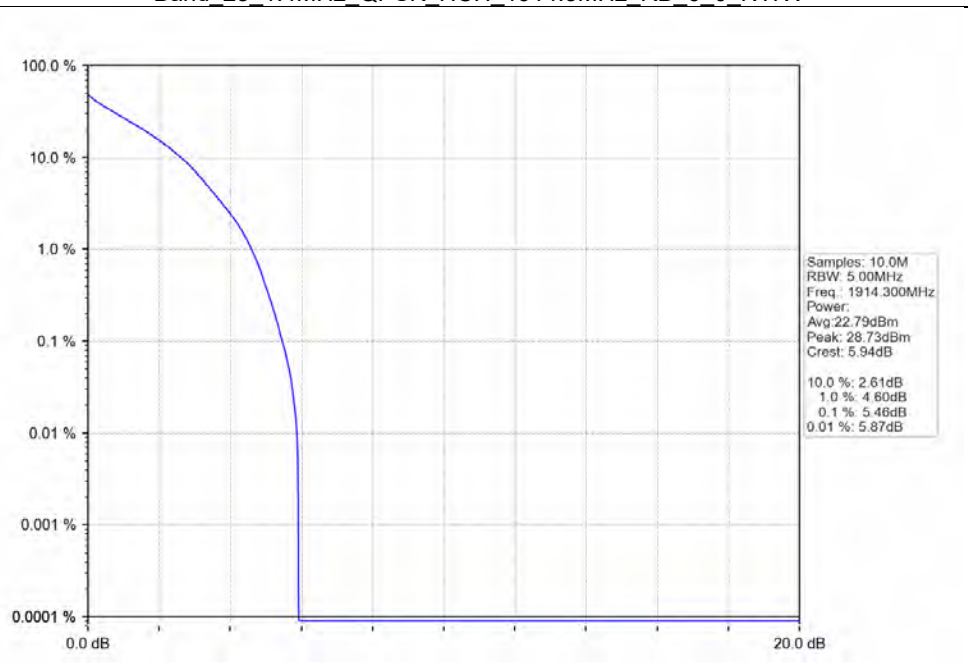
Band_25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



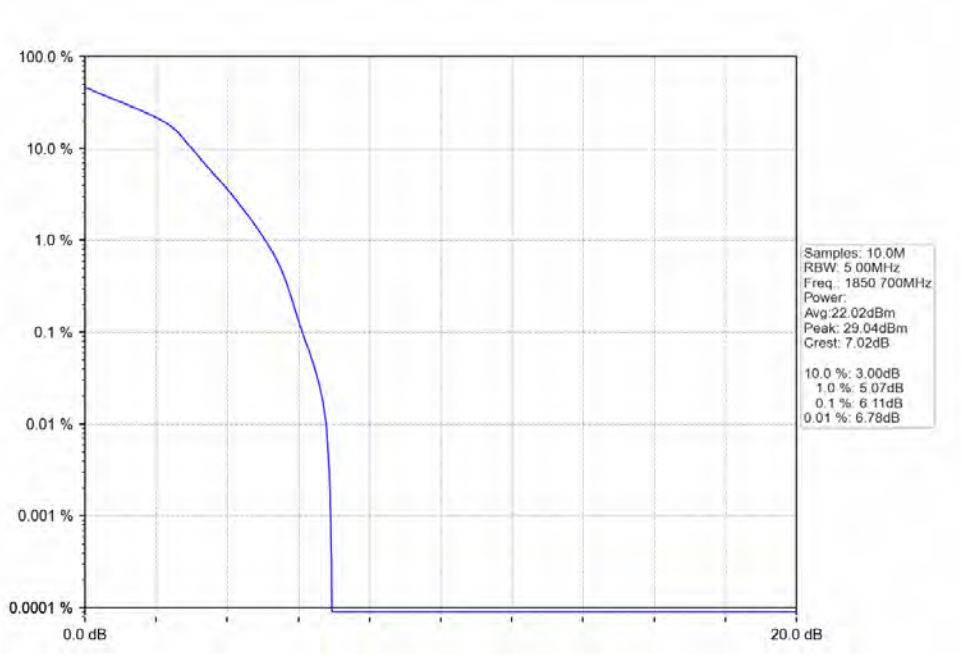
Band_25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



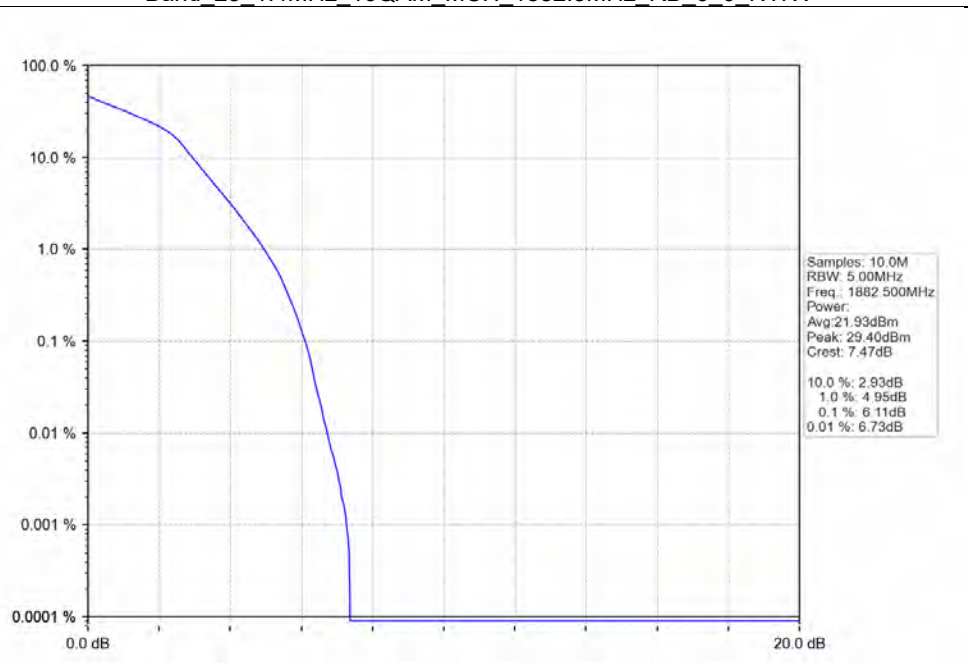
Band_25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



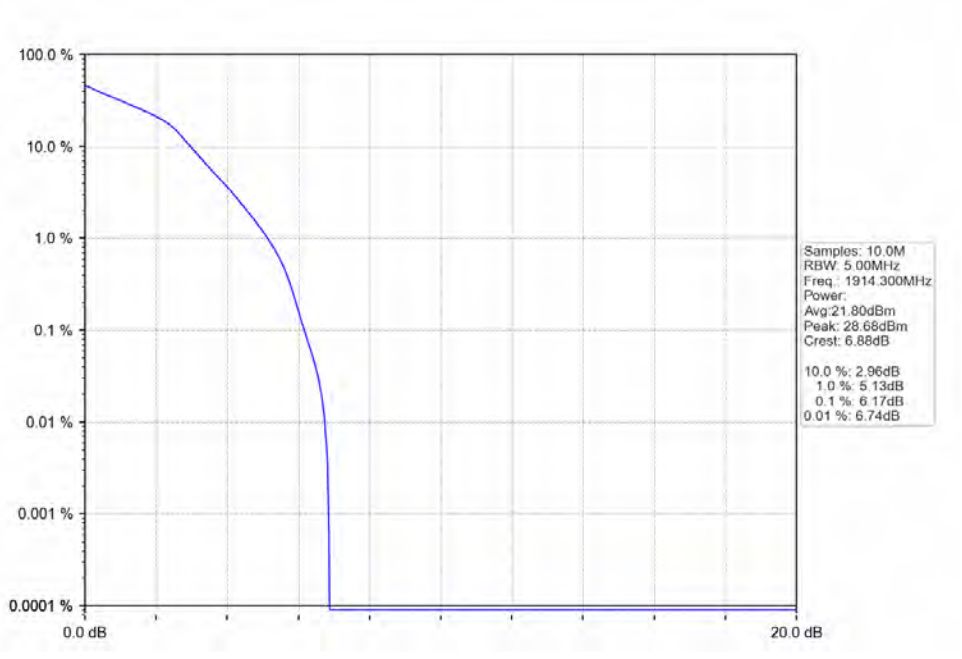
Band_25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



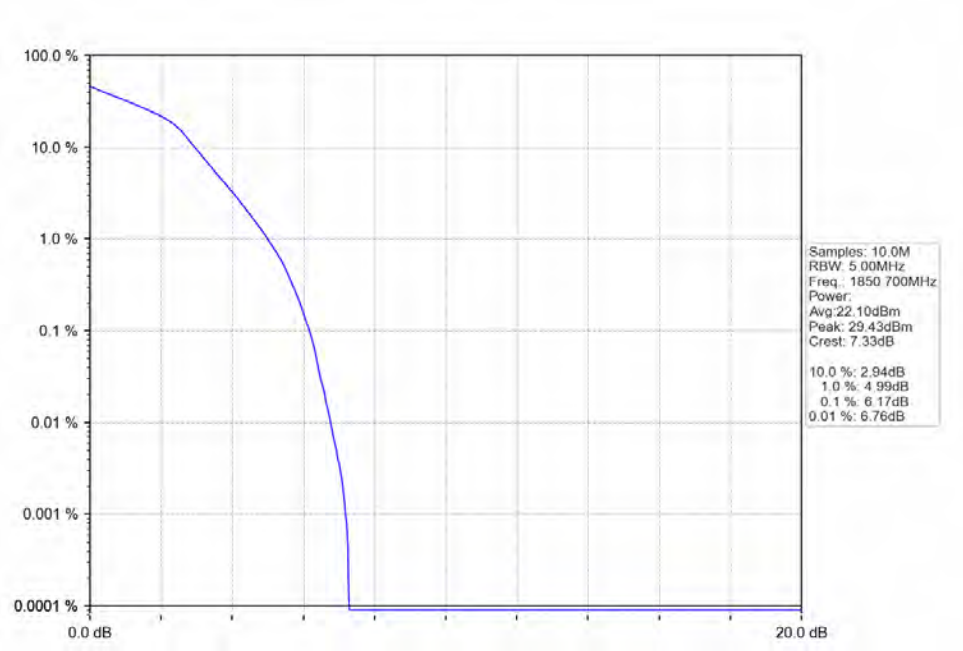
Band_25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



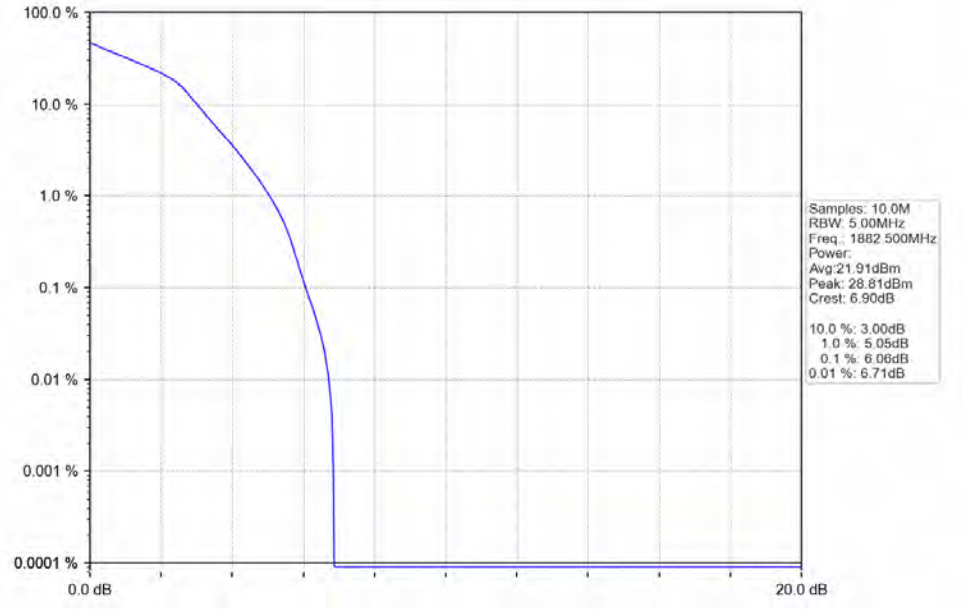
Band_25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



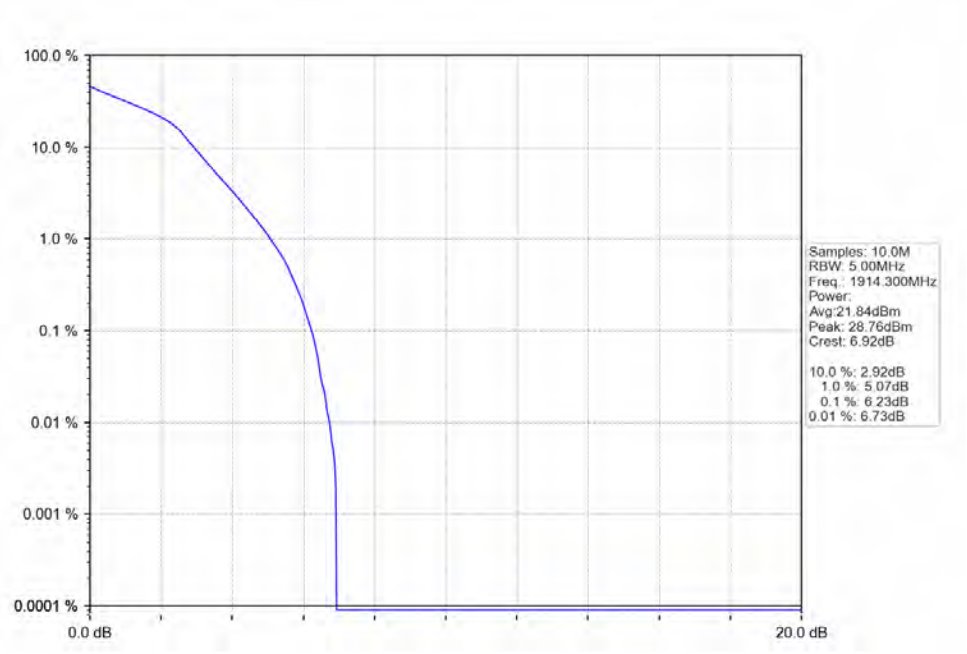
Band_25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



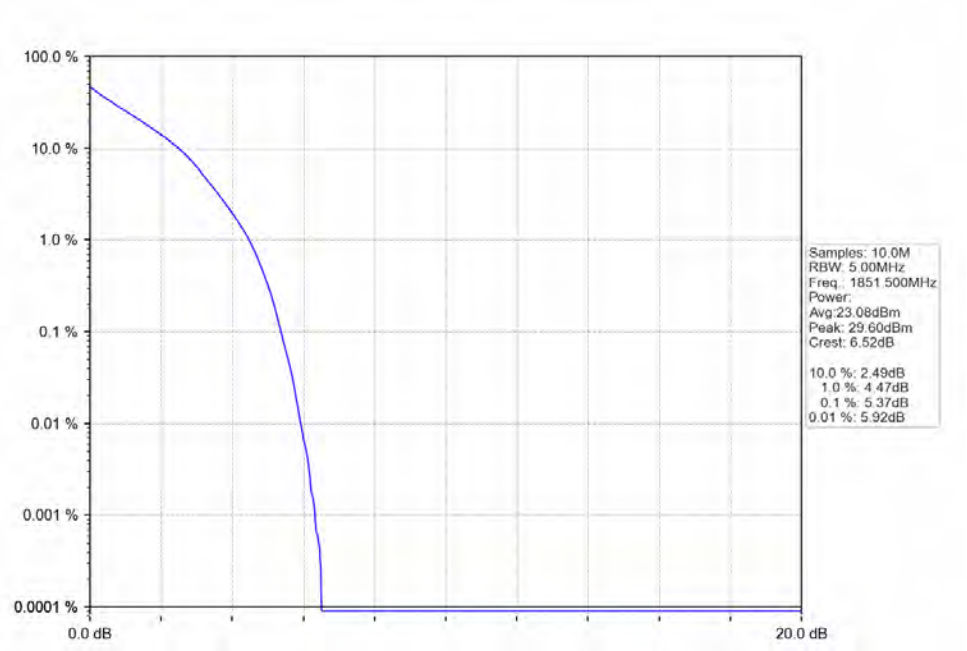
Band_25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



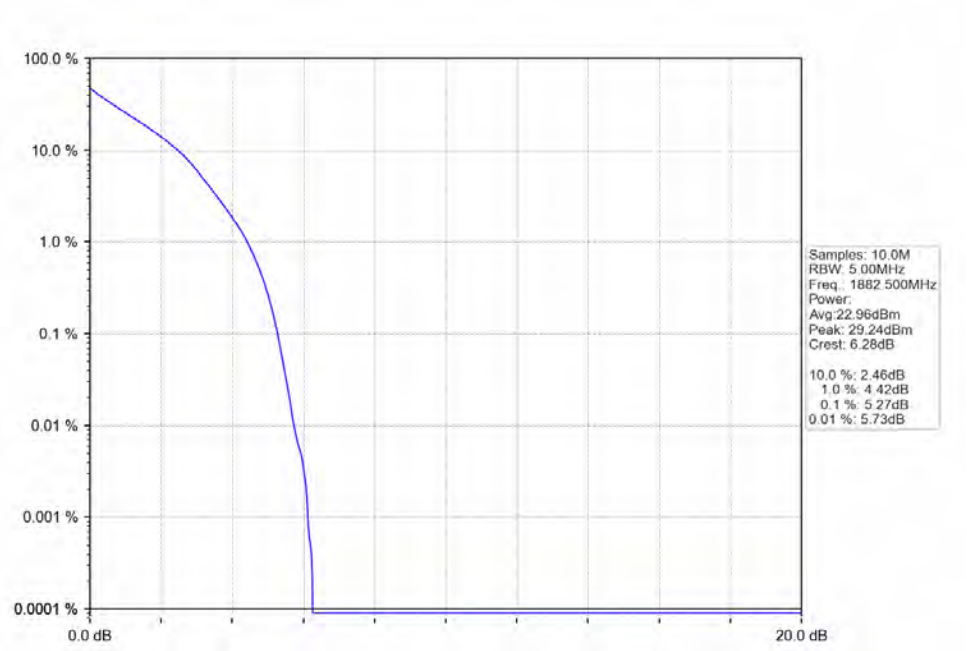
Band_25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



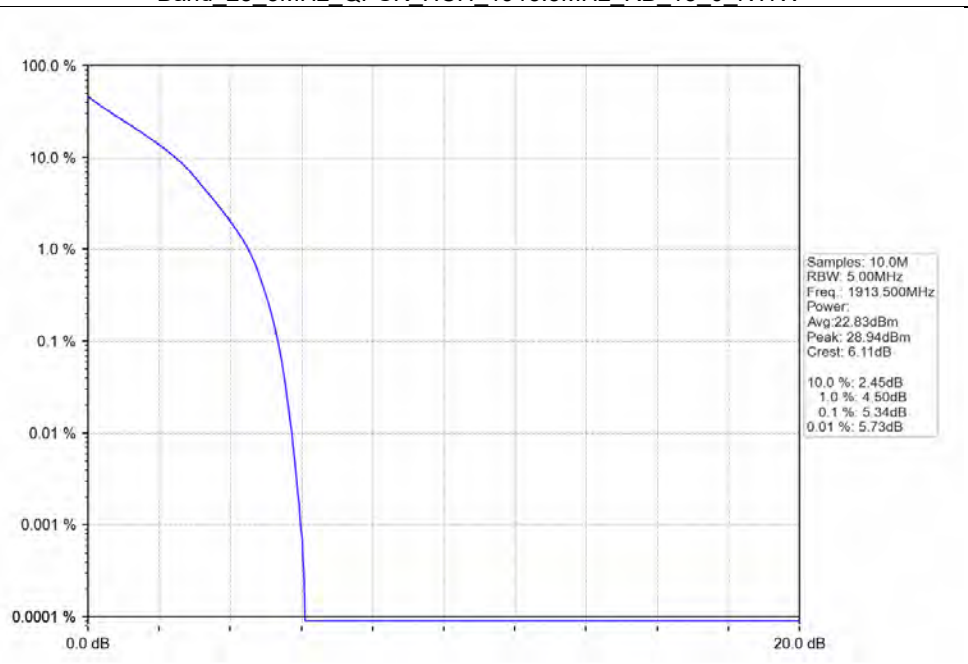
Band_25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



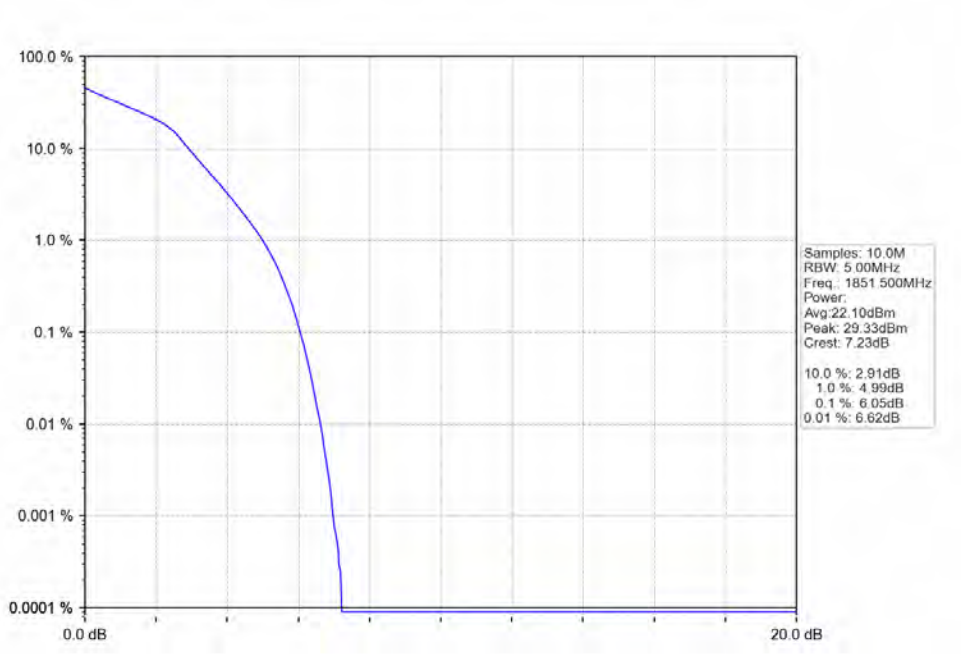
Band_25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



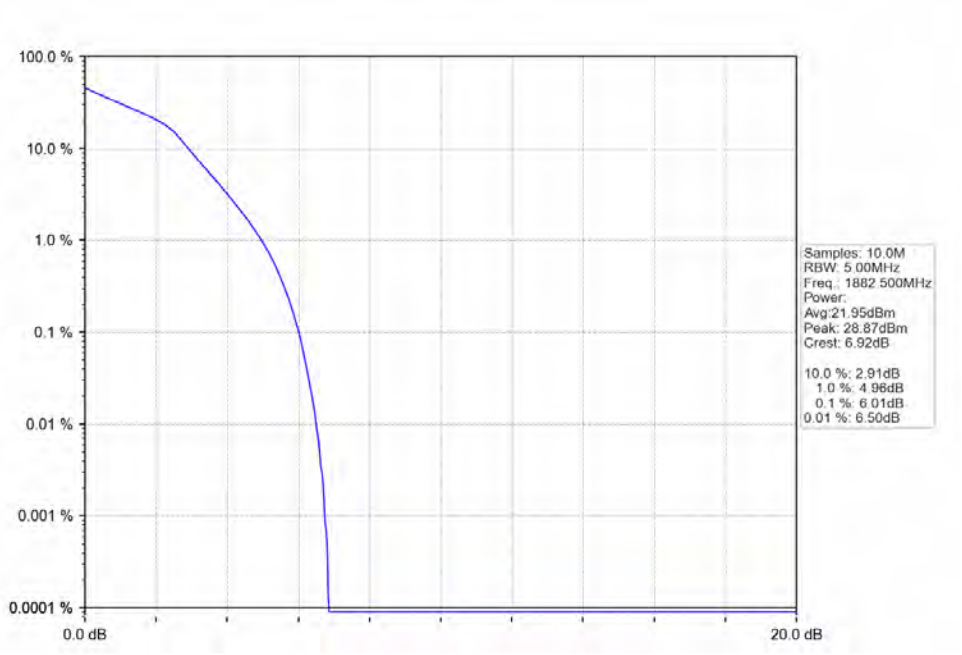
Band_25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



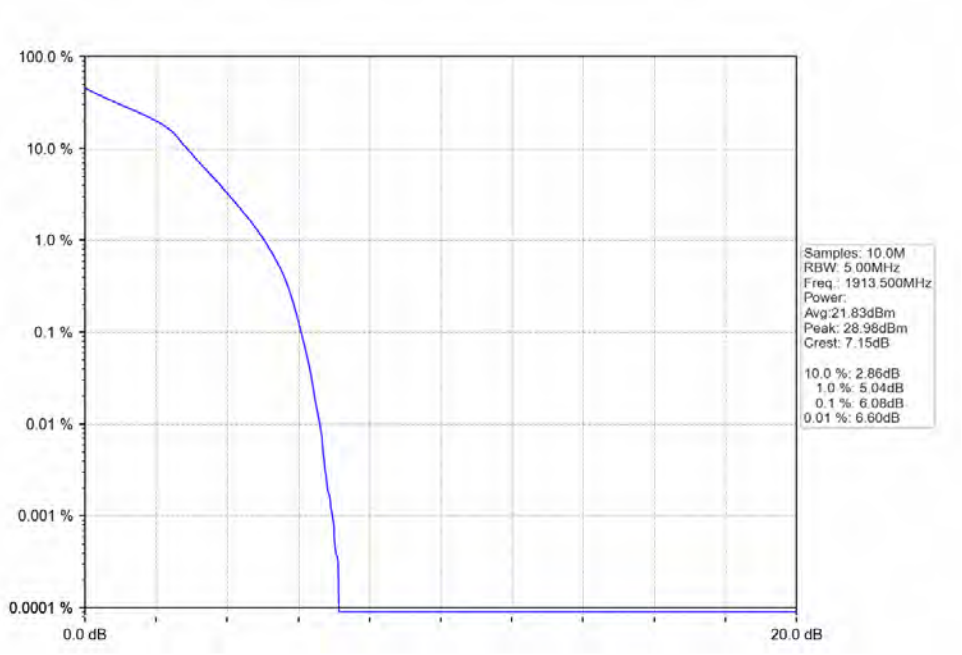
Band_25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



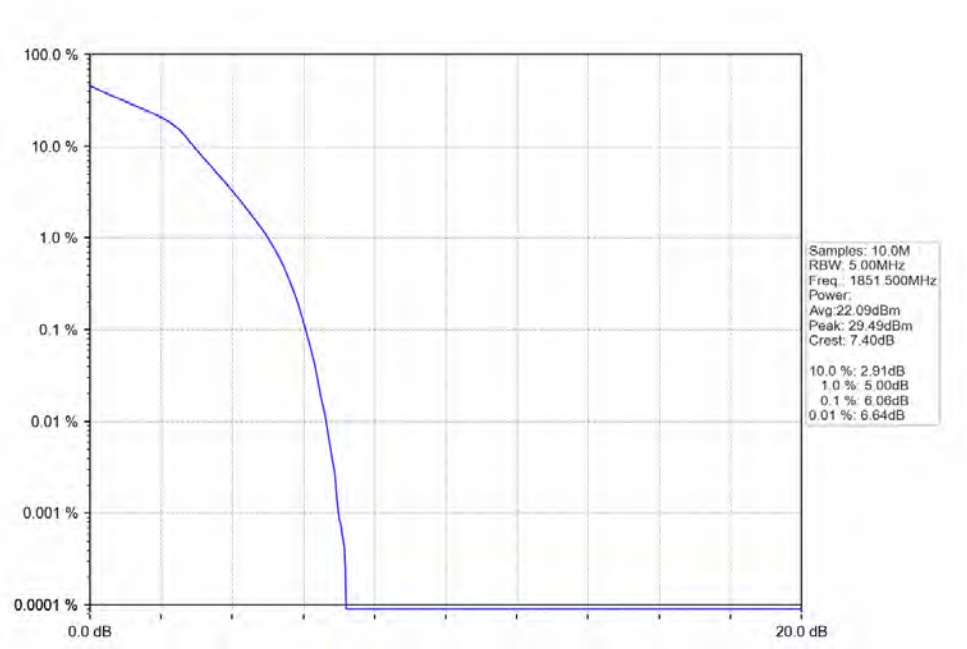
Band_25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



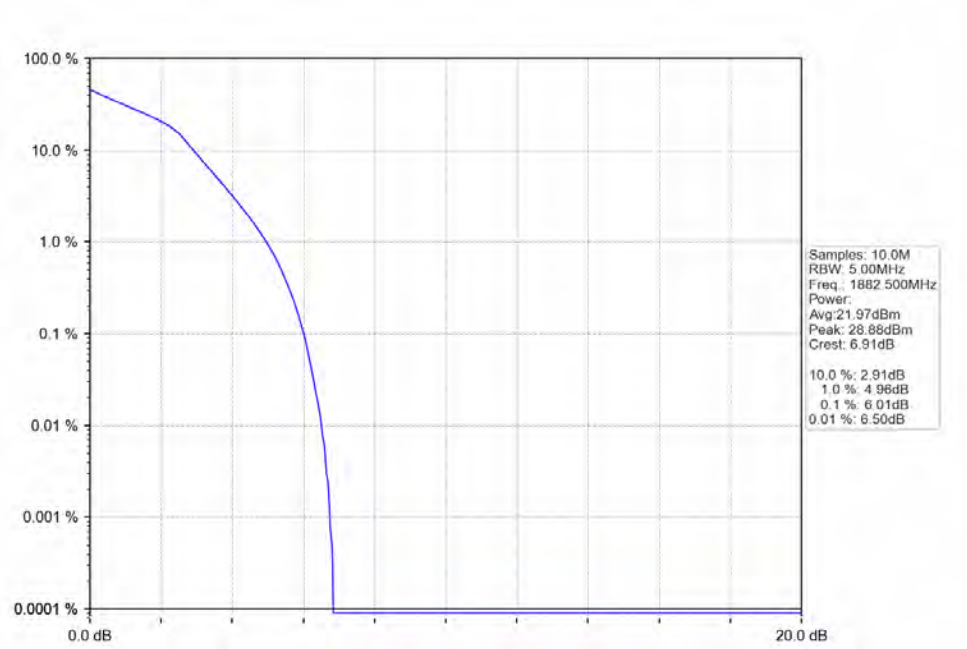
Band_25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



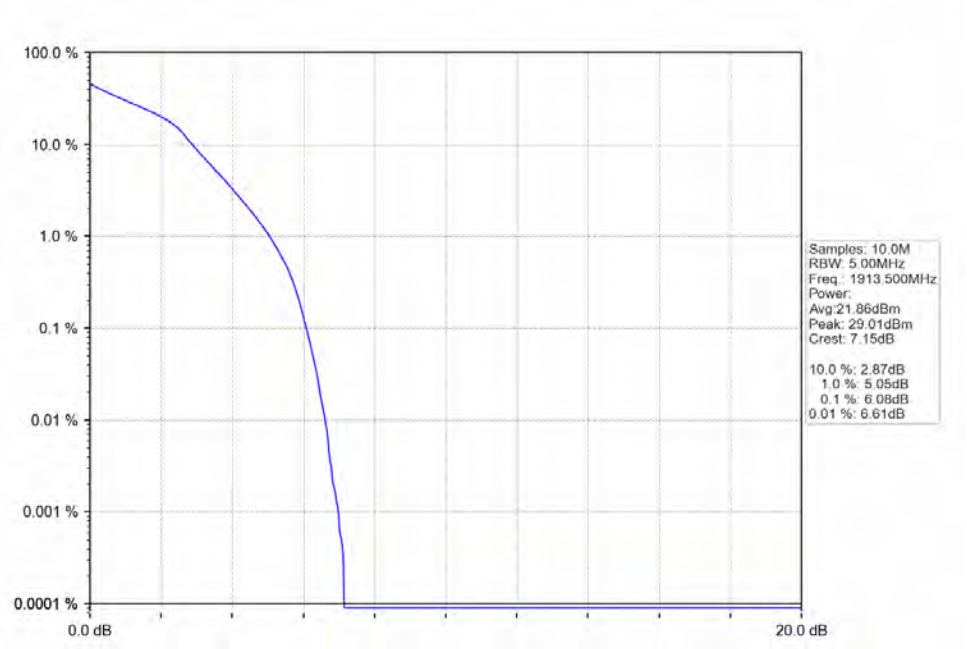
Band_25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



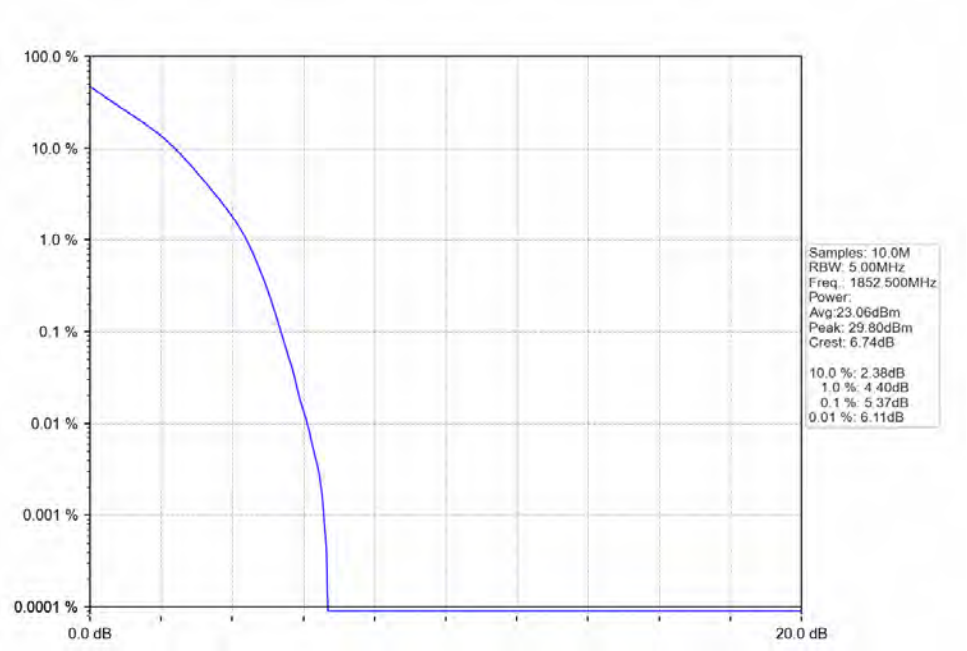
Band_25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



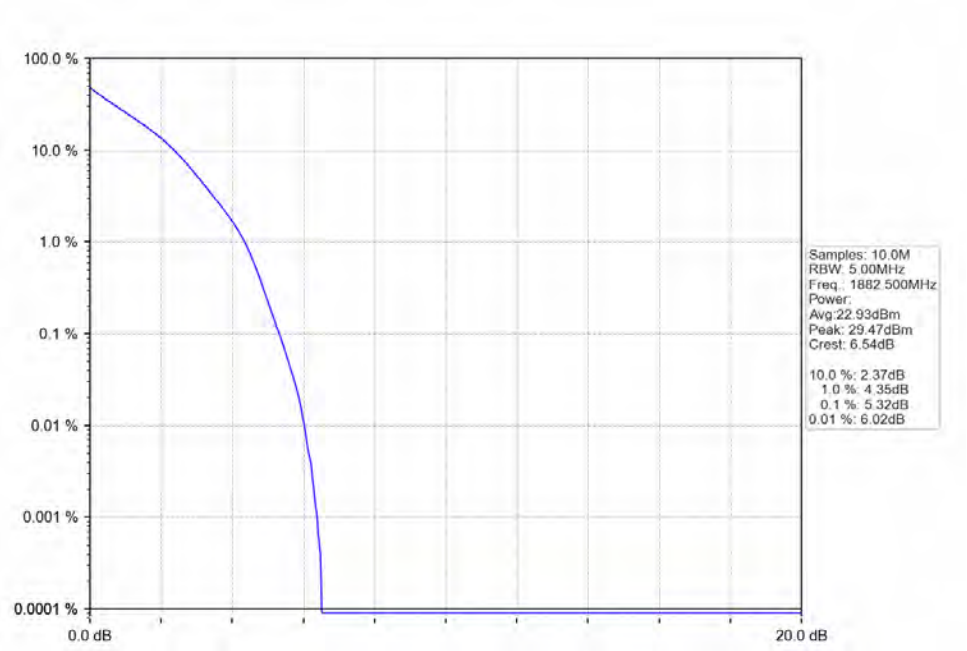
Band_25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



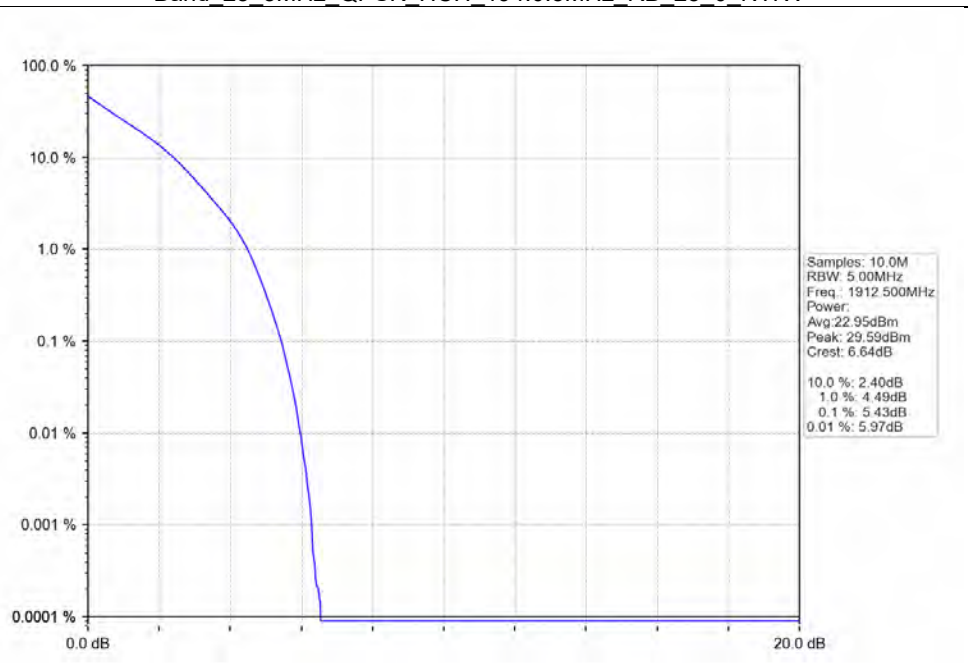
Band_25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



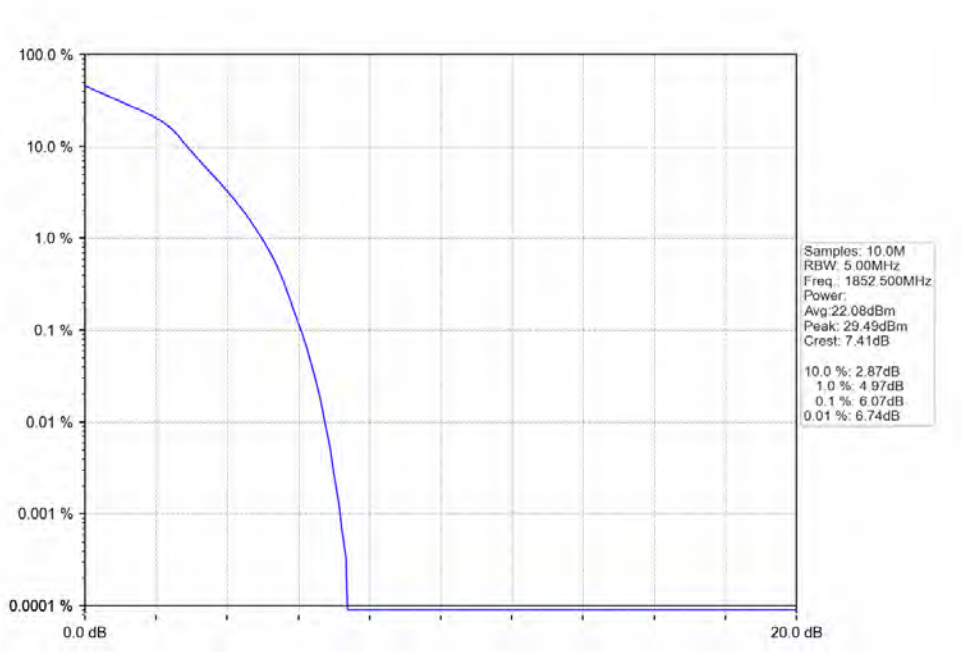
Band_25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



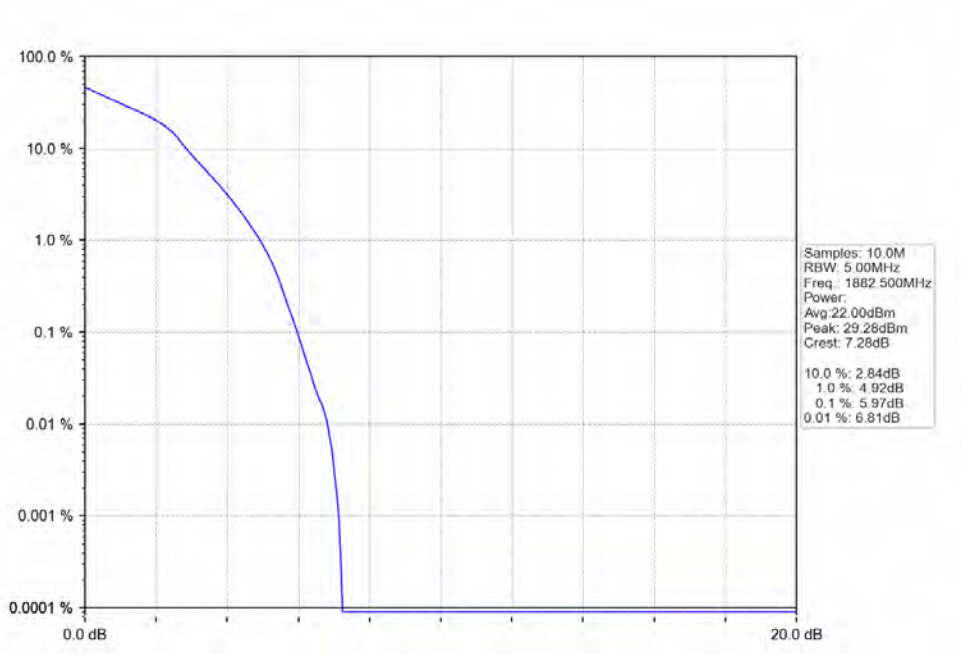
Band_25_5MHz_QPSK_HCH_194.0.5MHz_RB_25_0_NTNV



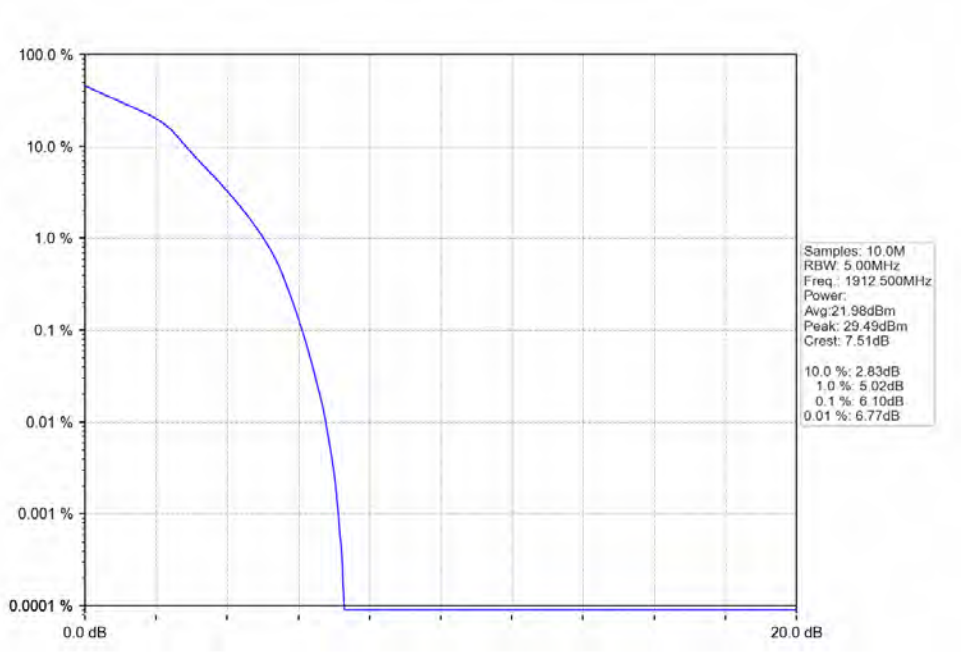
Band_25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



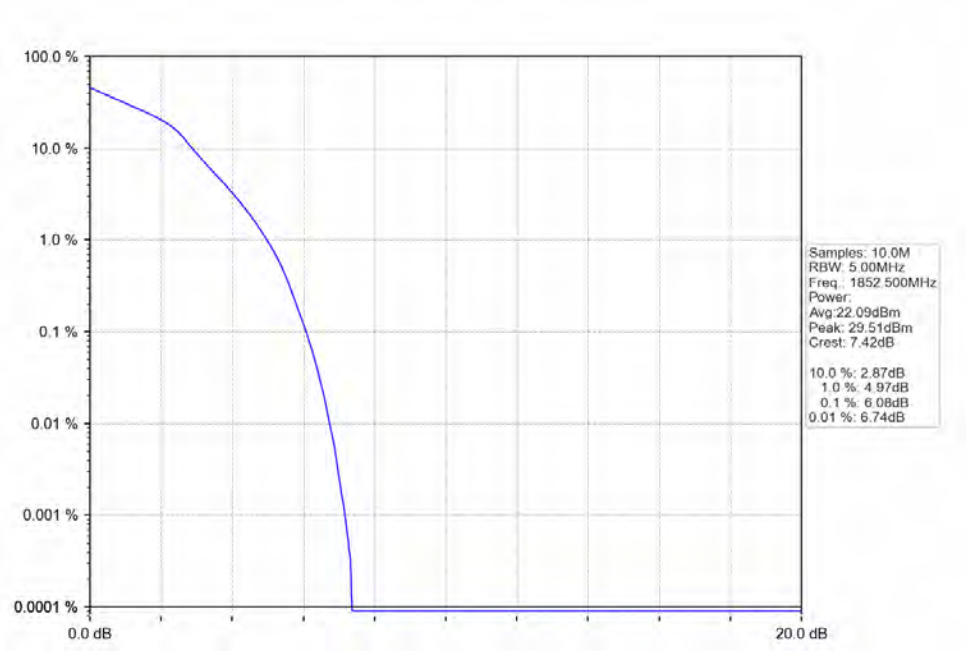
Band_25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



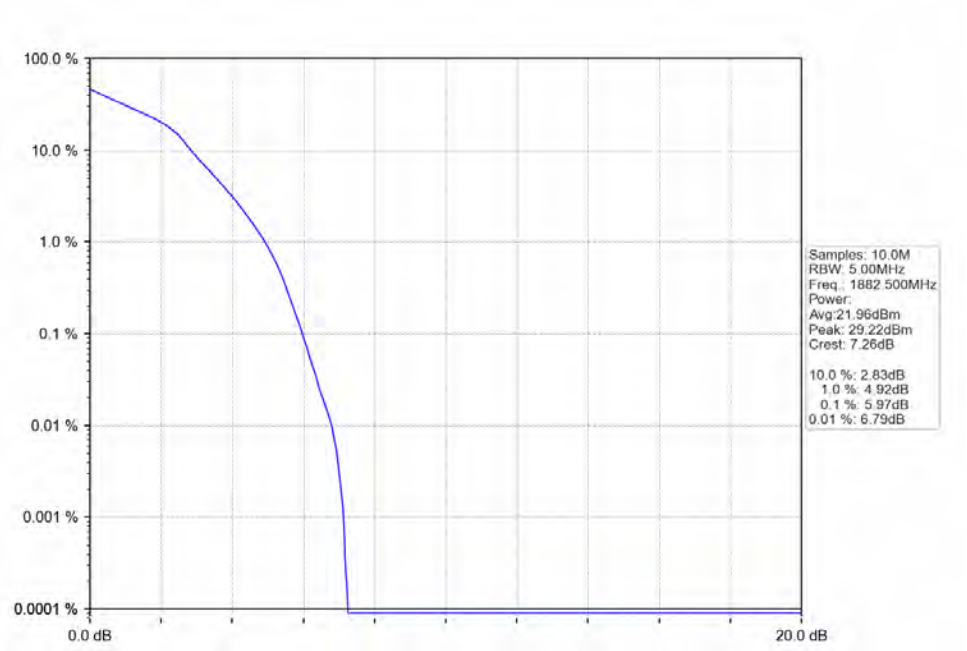
Band_25_5MHz_16QAM_HCH_194.0.5MHz_RB_25_0_NTNV



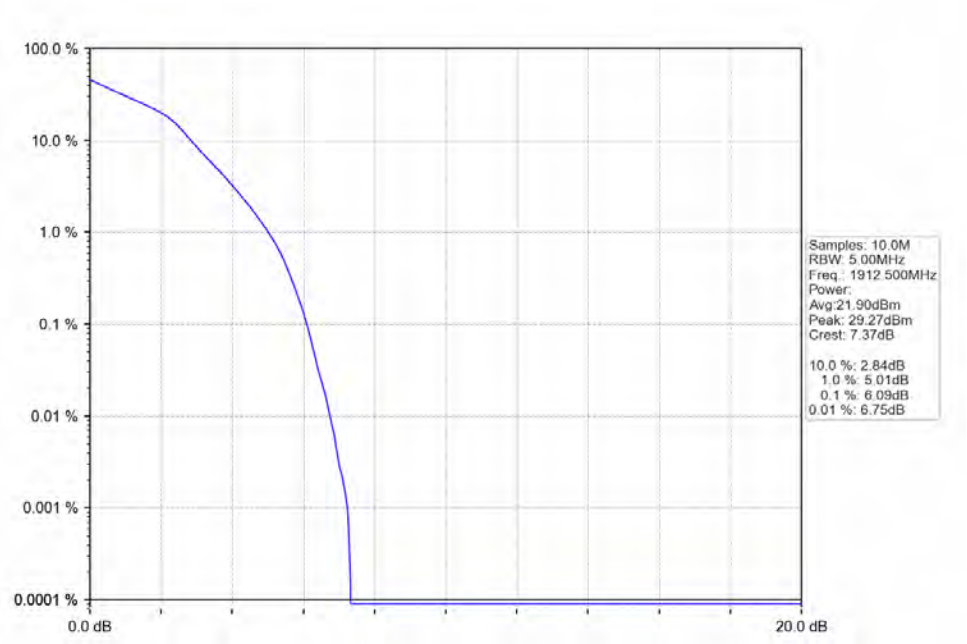
Band_25_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



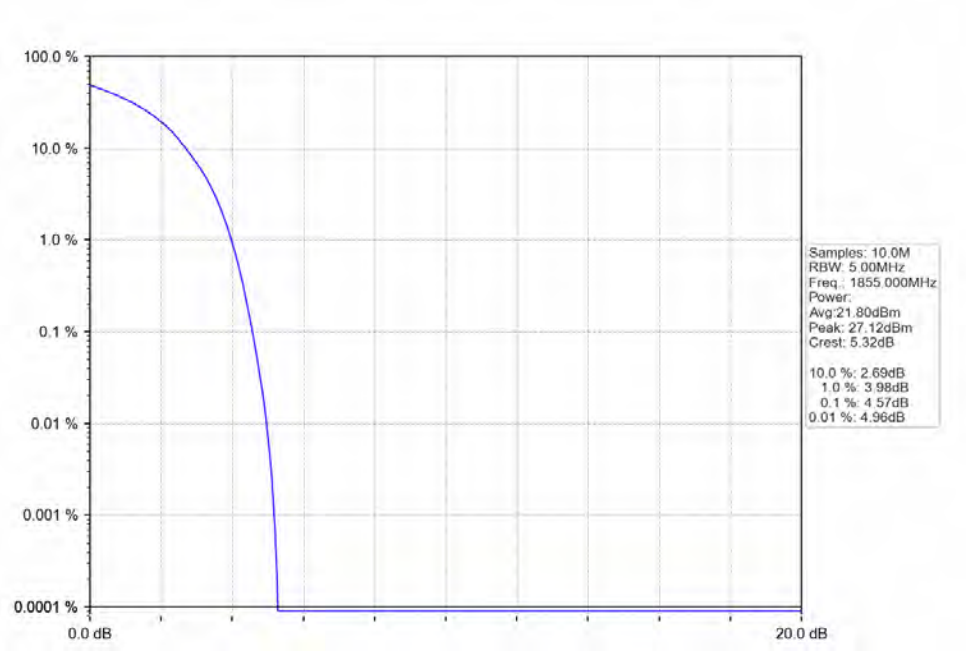
Band_25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



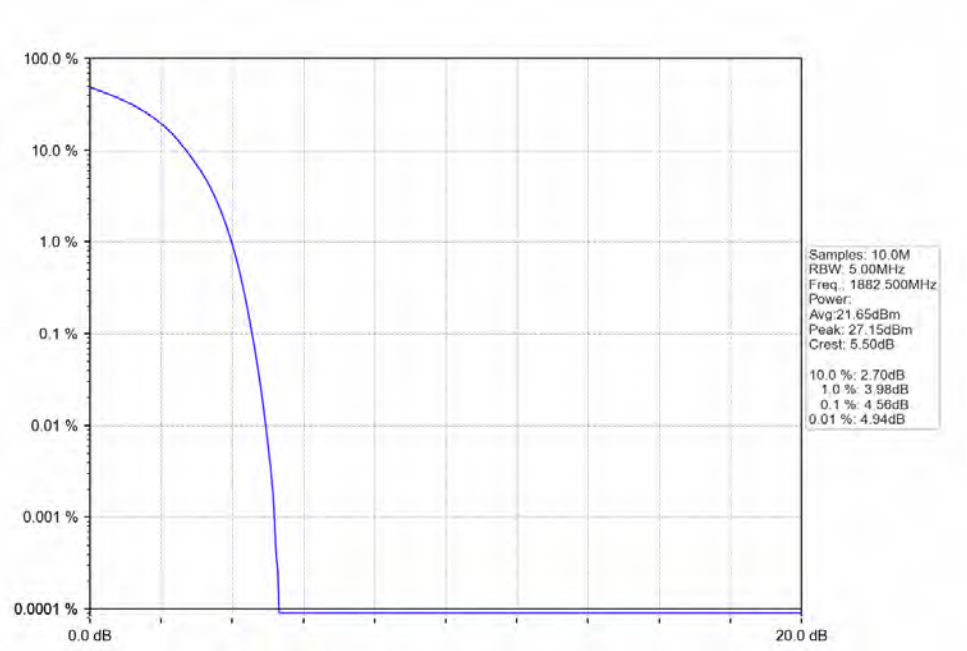
Band_25_5MHz_64QAM_HCH_194.0.5MHz_RB_25_0_NTNV



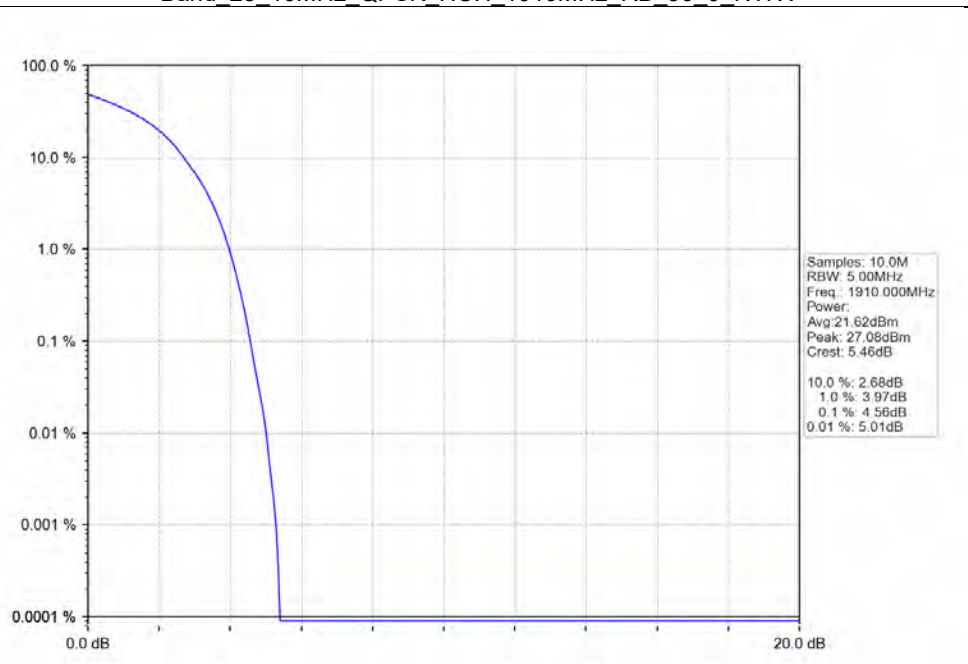
Band_25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



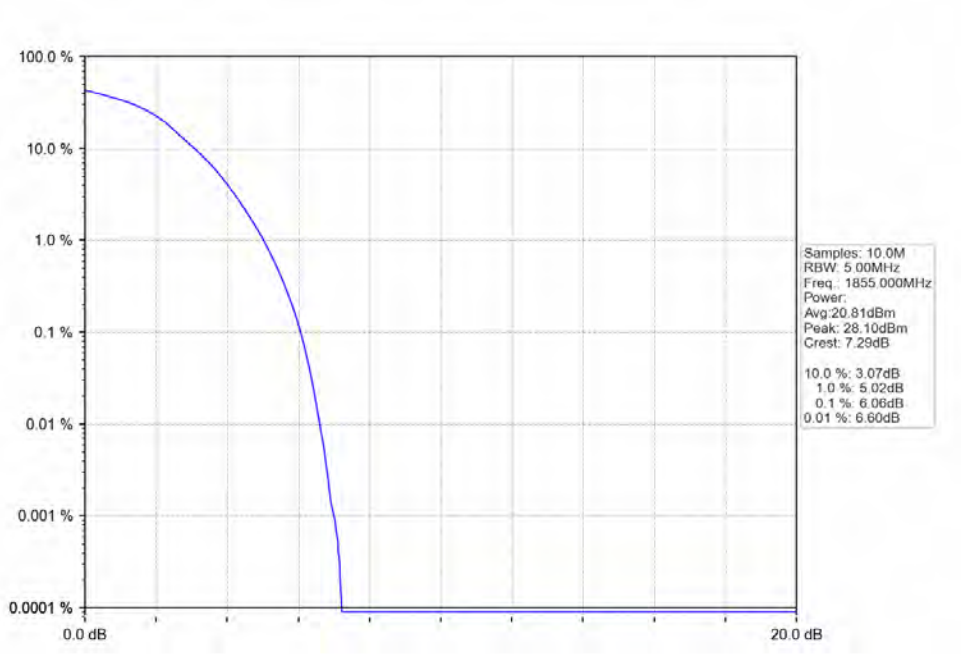
Band_25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



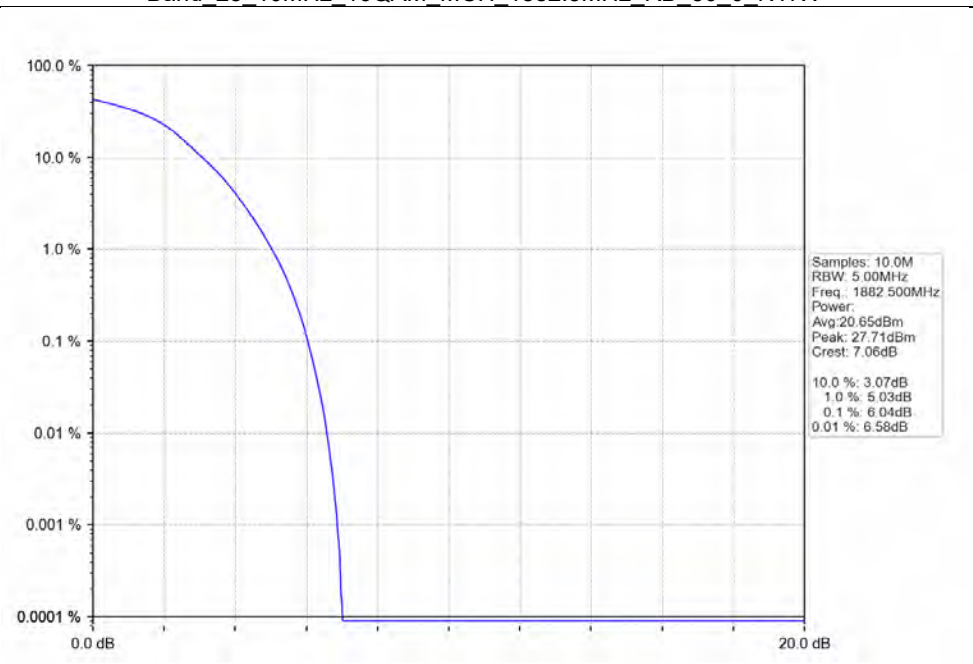
Band_25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



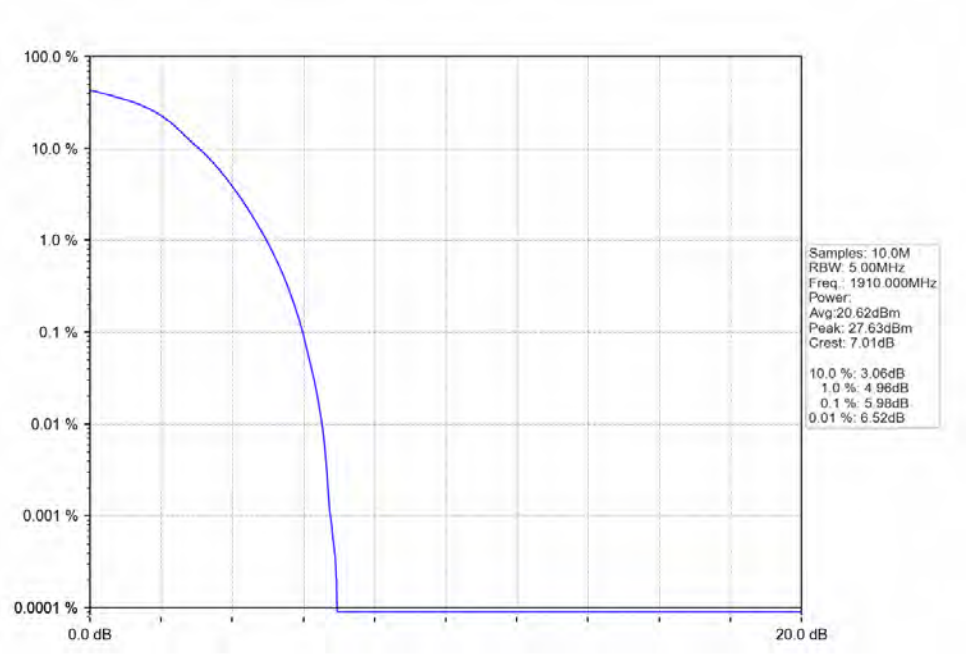
Band_25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



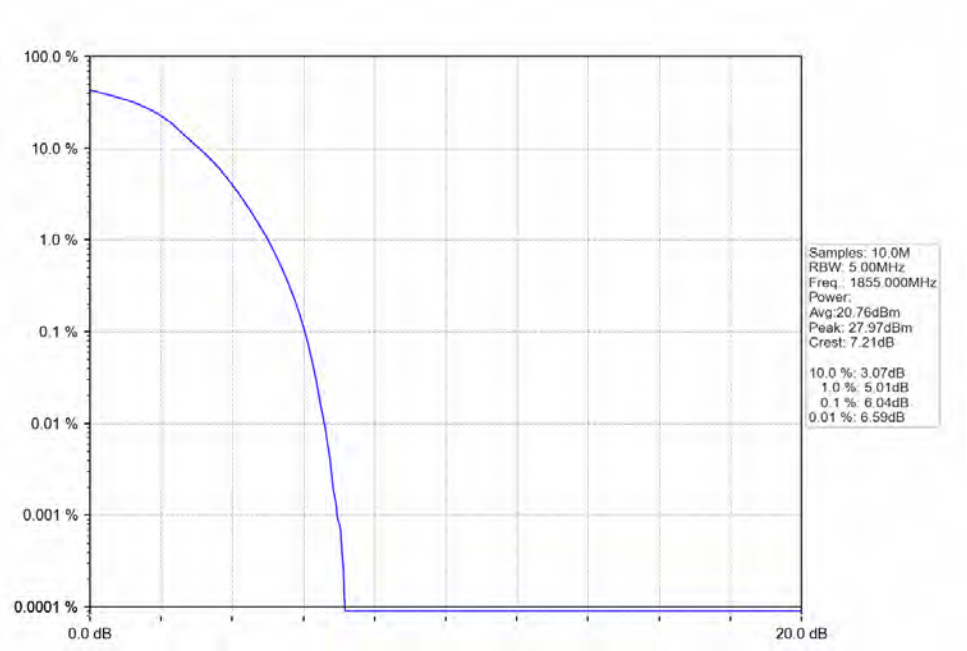
Band_25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



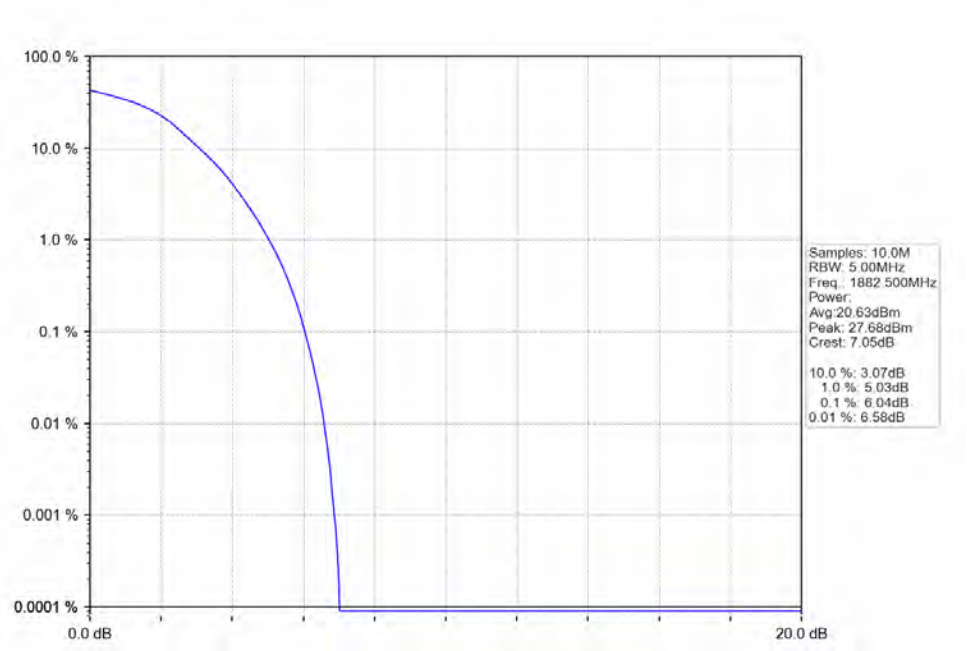
Band_25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



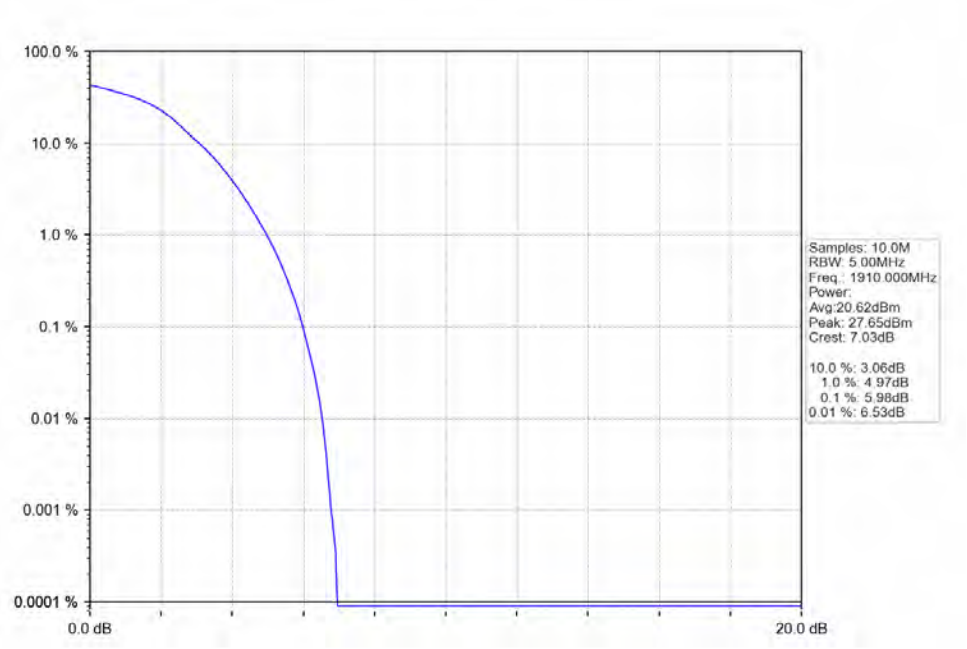
Band_25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



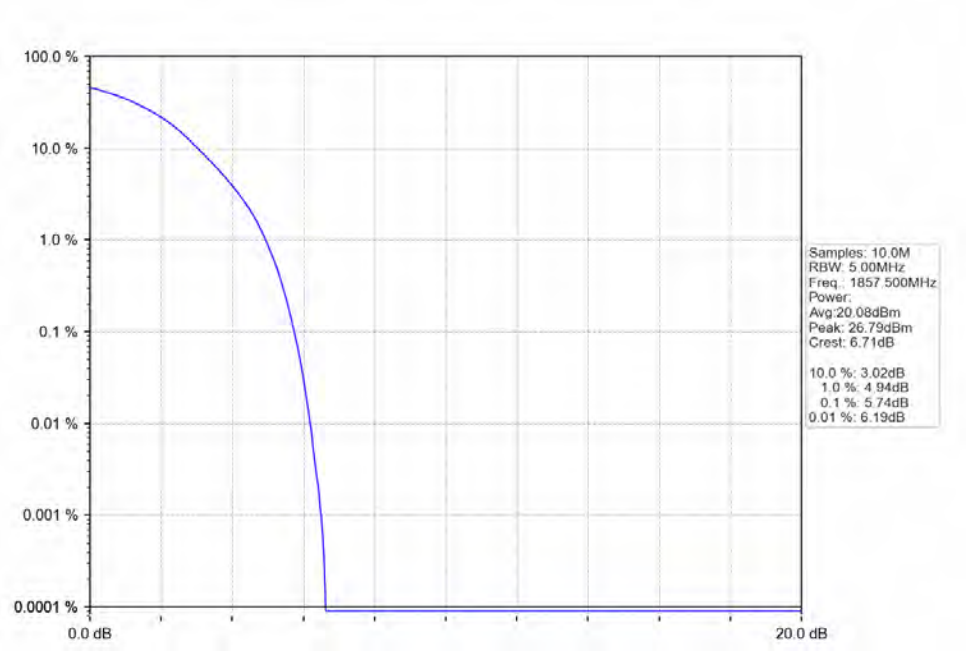
Band_25_10MHz_64QAM_MCH_1882.5MHz_RB_50_0_NTNV



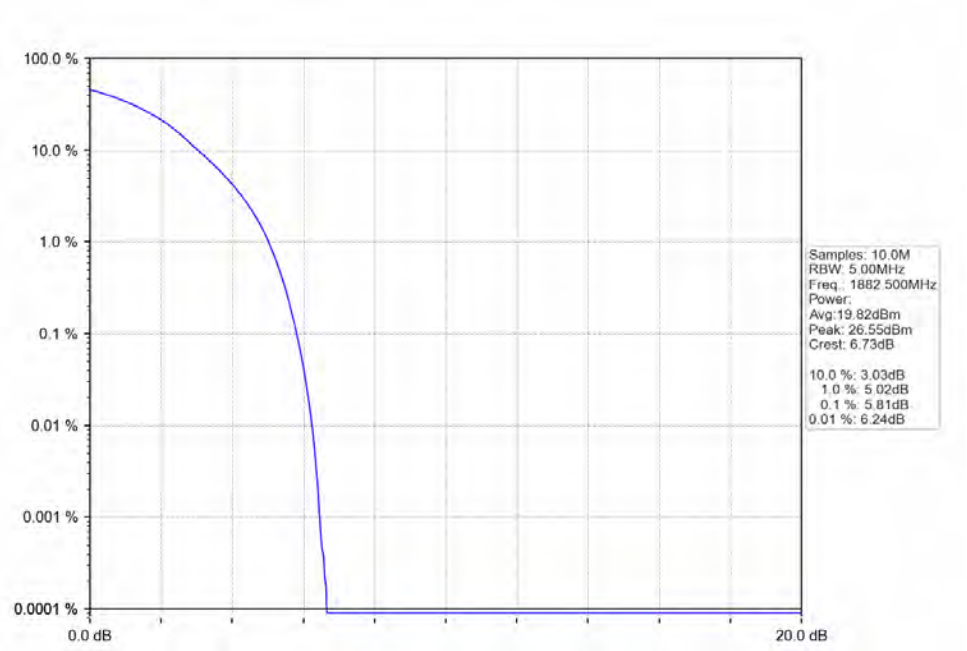
Band_25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



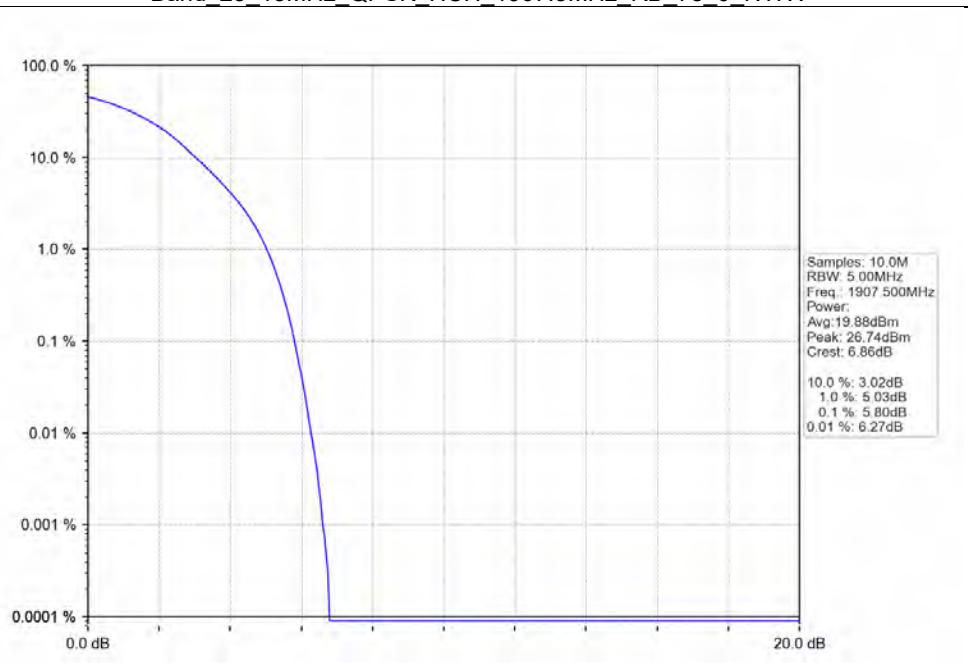
Band_25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



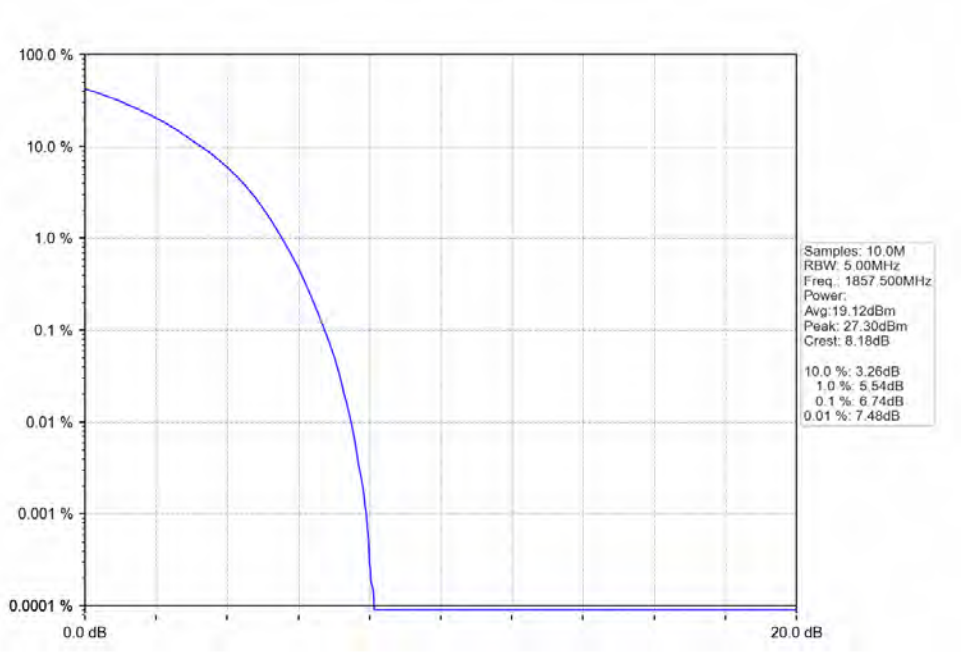
Band_25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



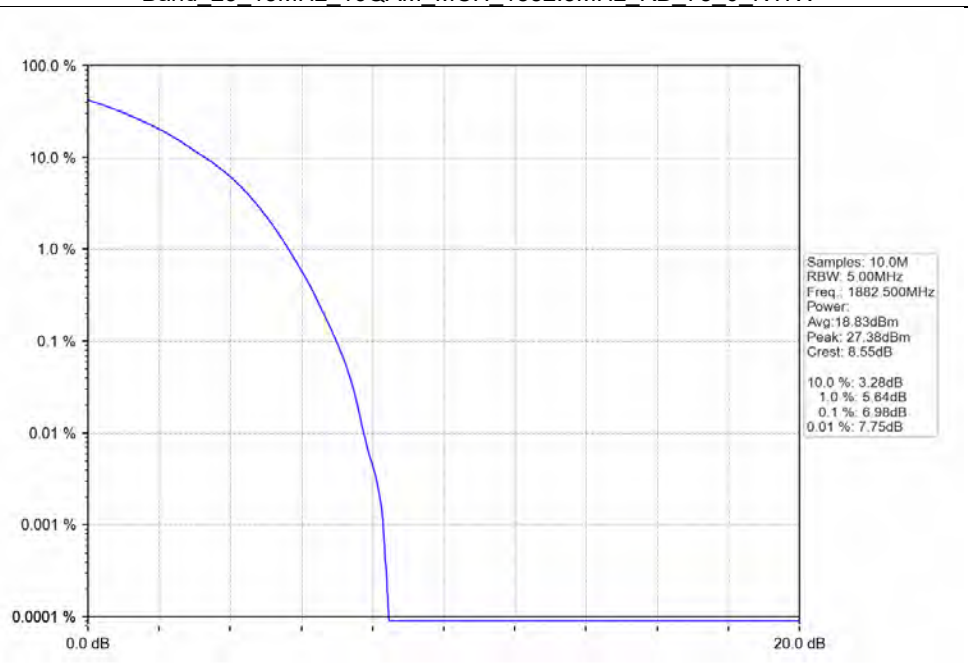
Band_25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



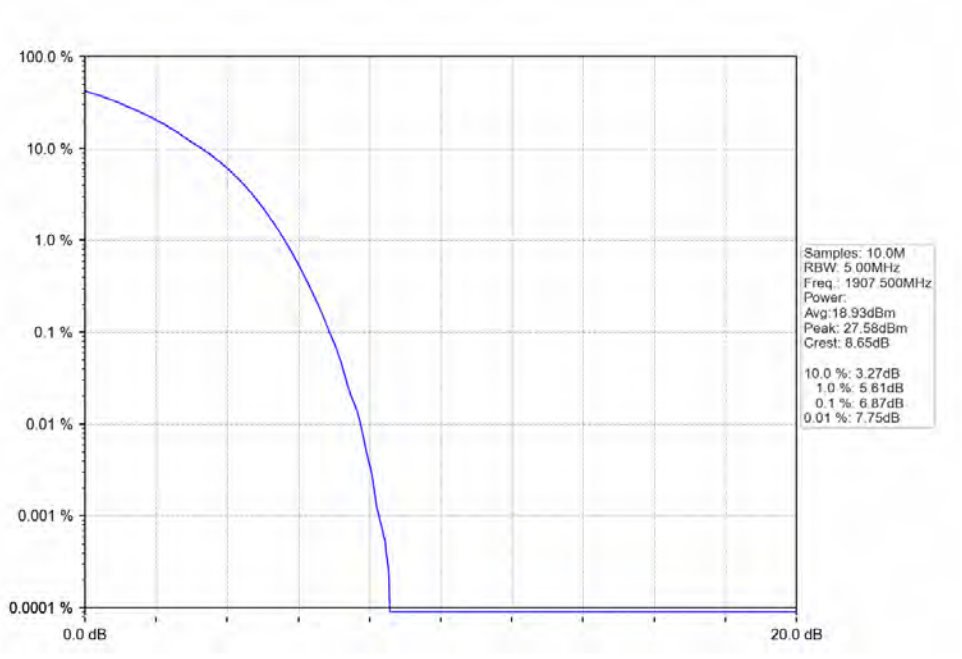
Band_25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



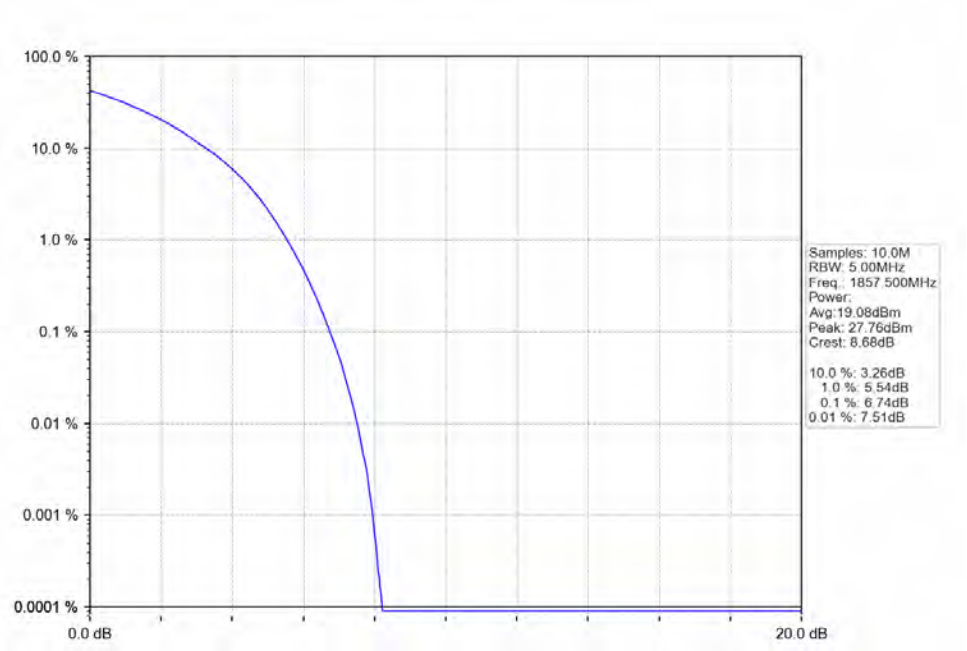
Band_25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



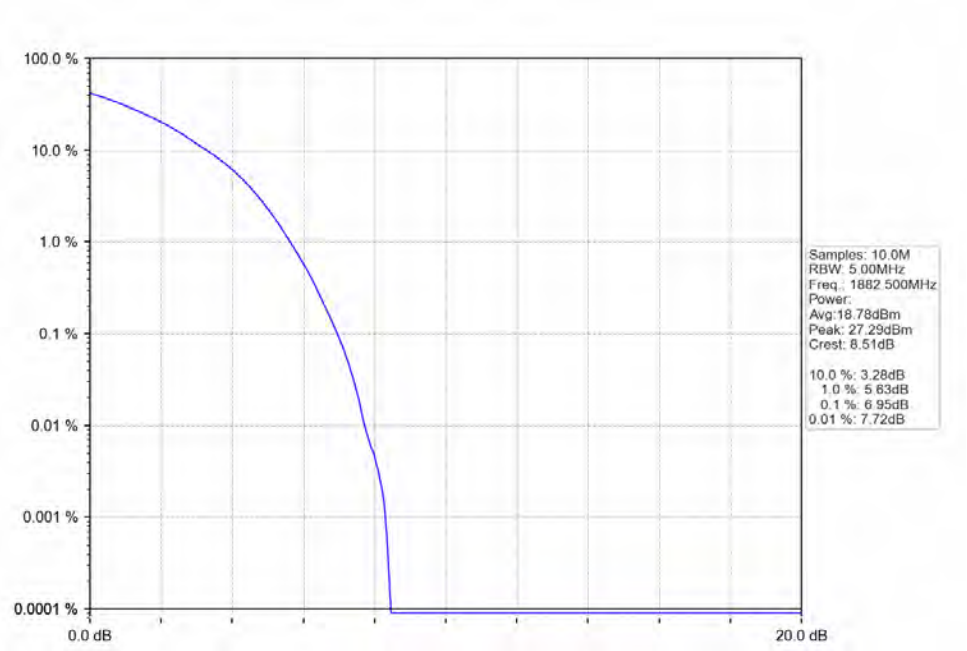
Band_25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



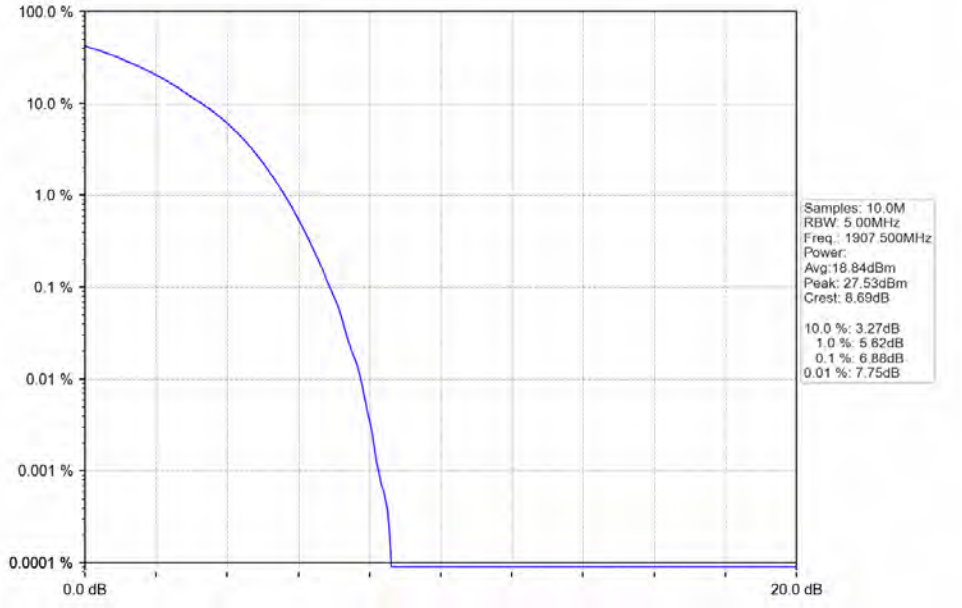
Band_25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



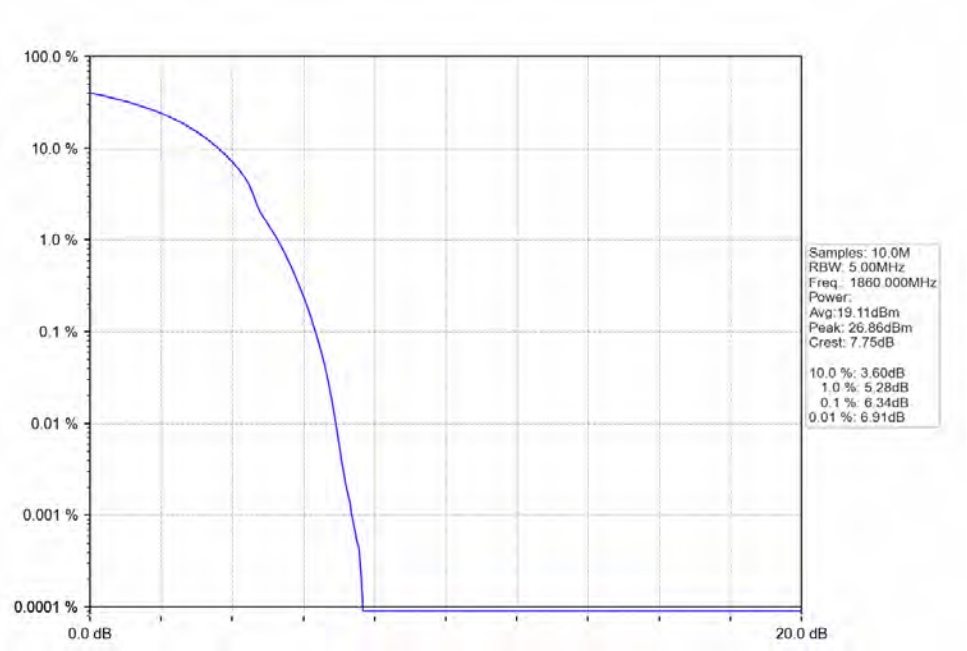
Band_25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



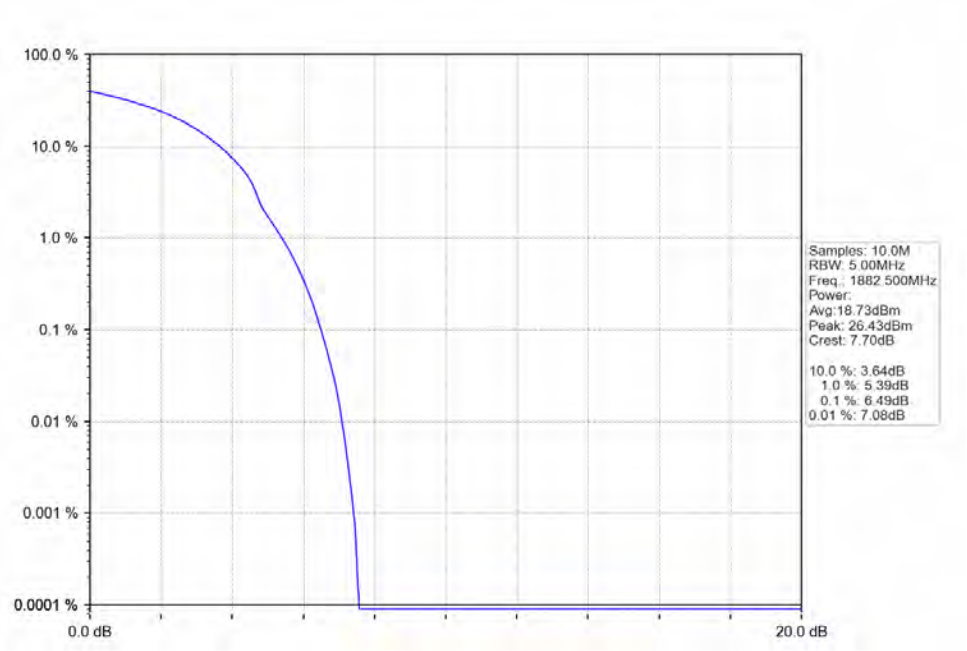
Band_25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



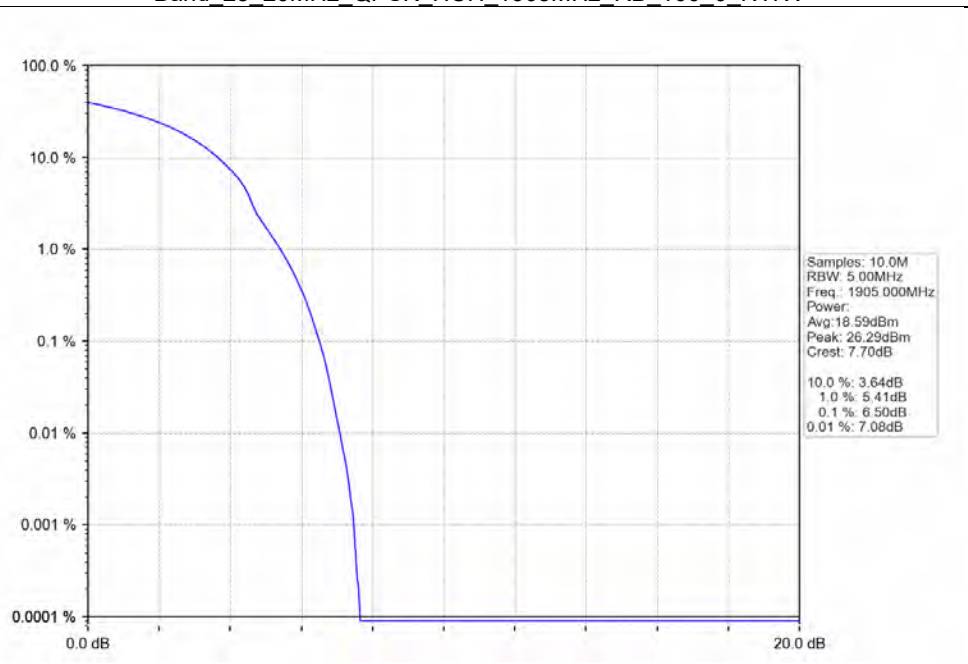
Band_25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



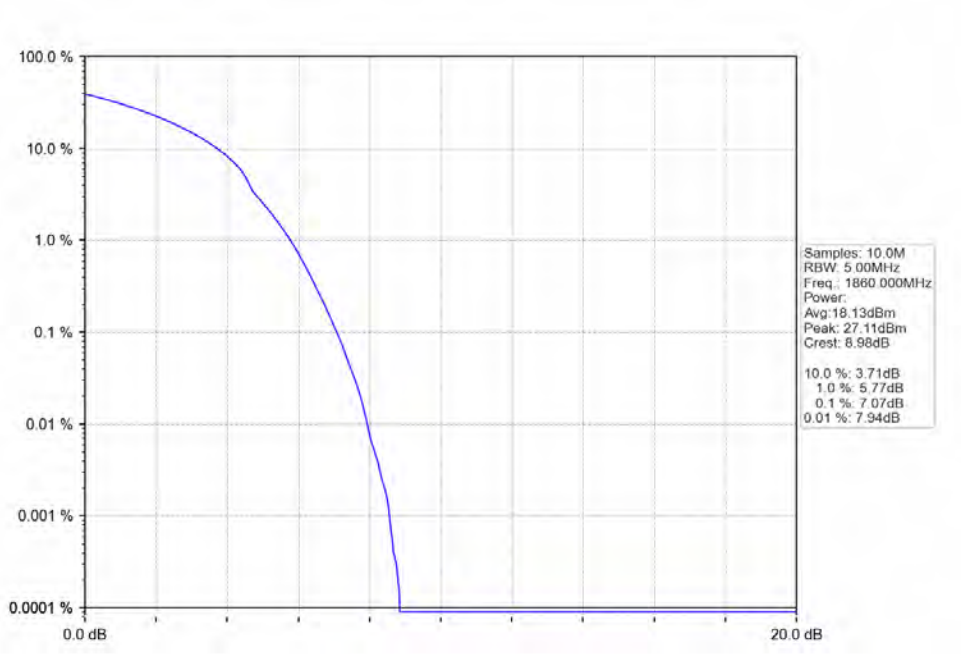
Band_25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



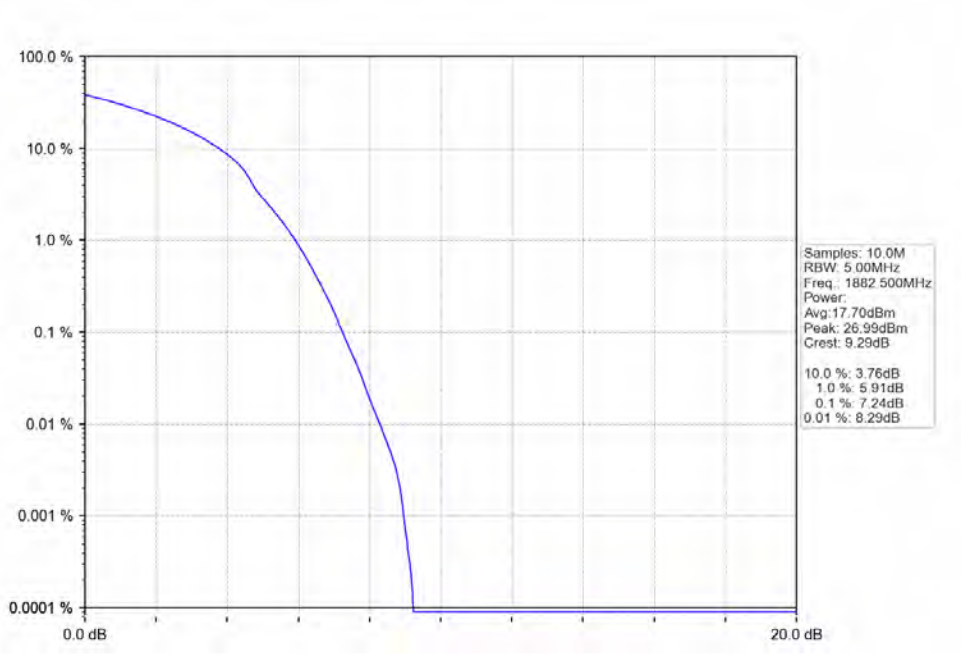
Band_25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



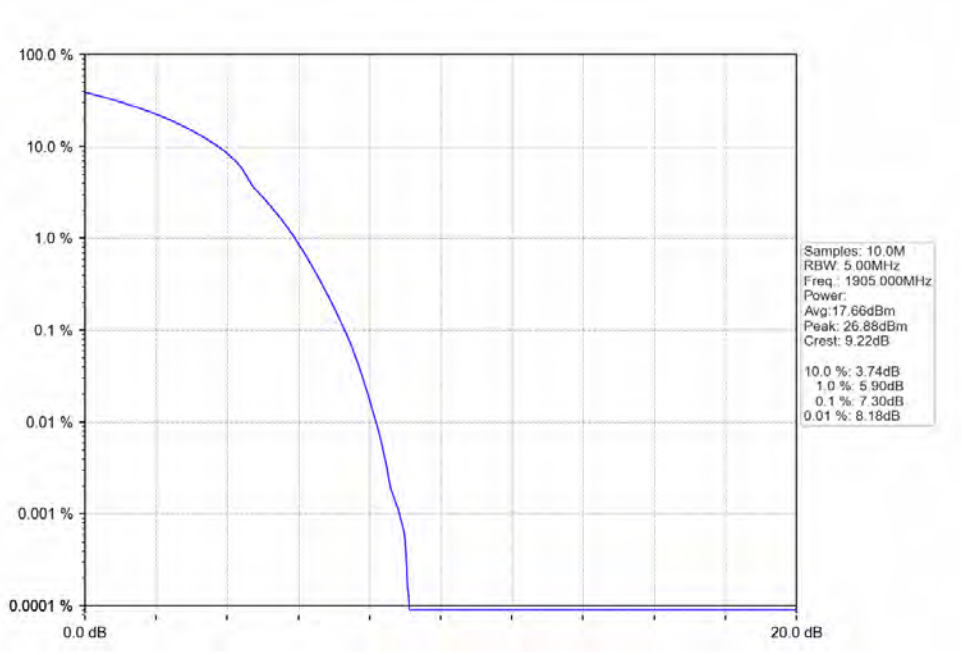
Band_25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



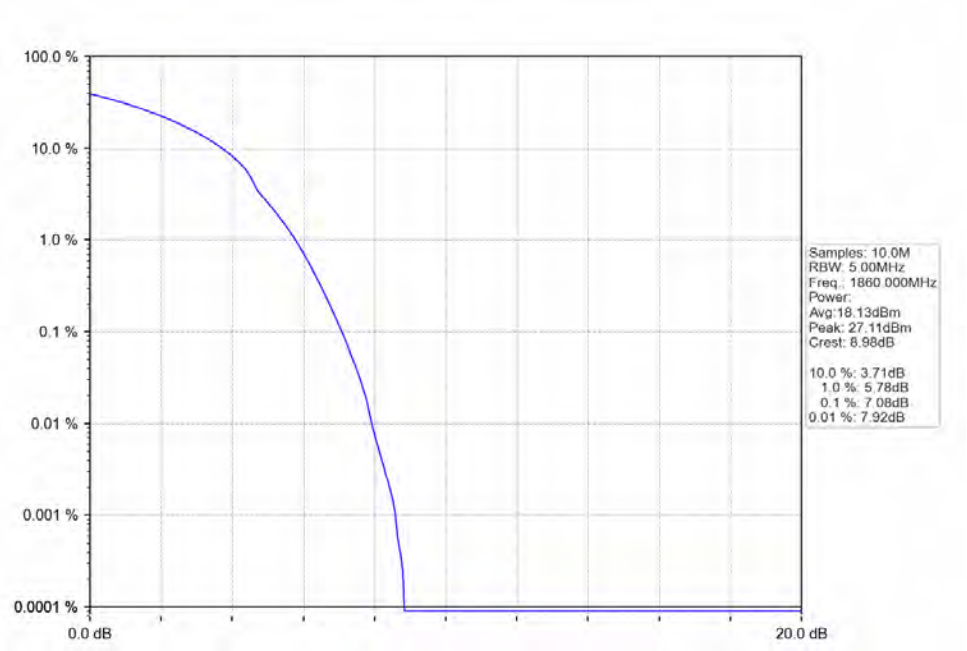
Band_25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



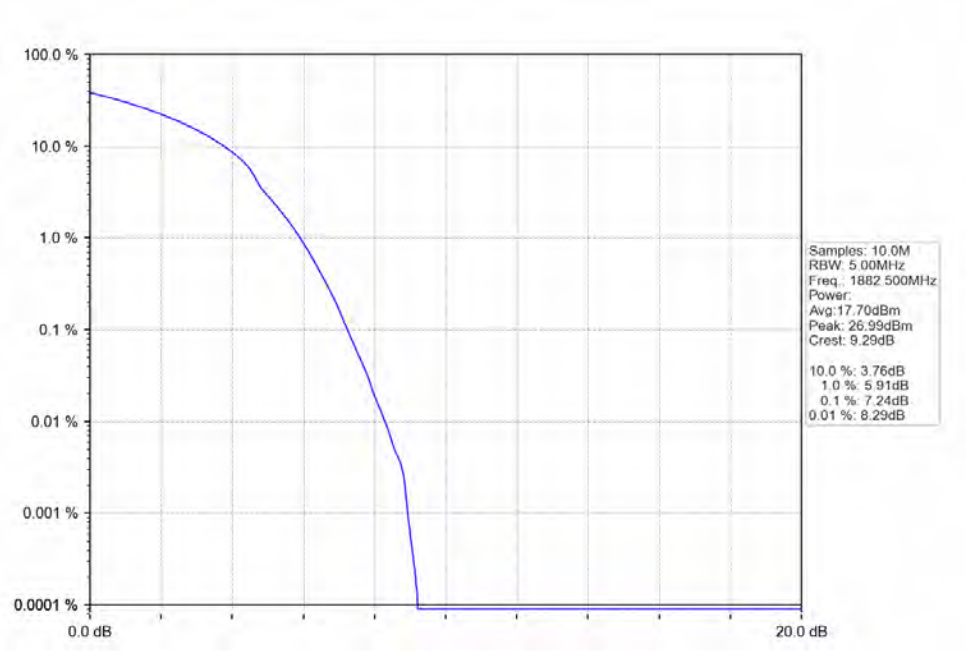
Band_25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

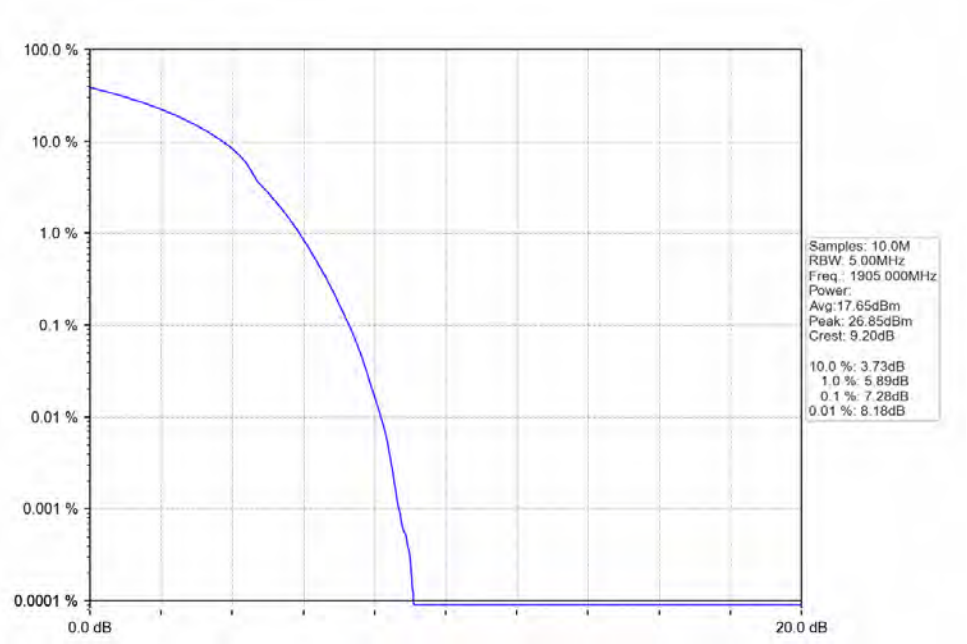


Band_25_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band_25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV


4. Spurious Emission

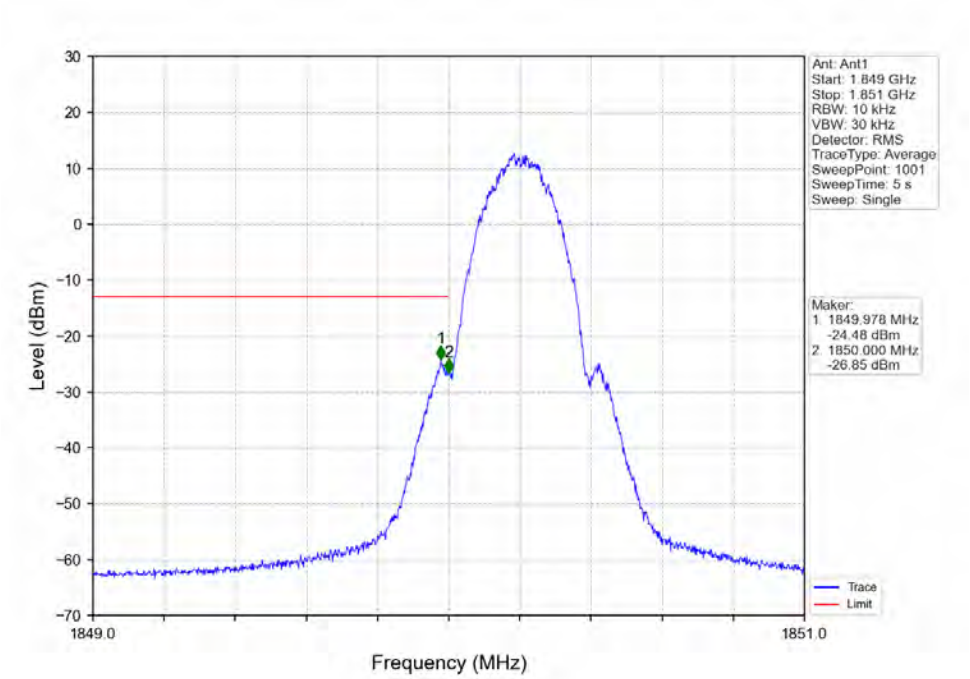
4.1 PCS1900

4.1.1 Test Result

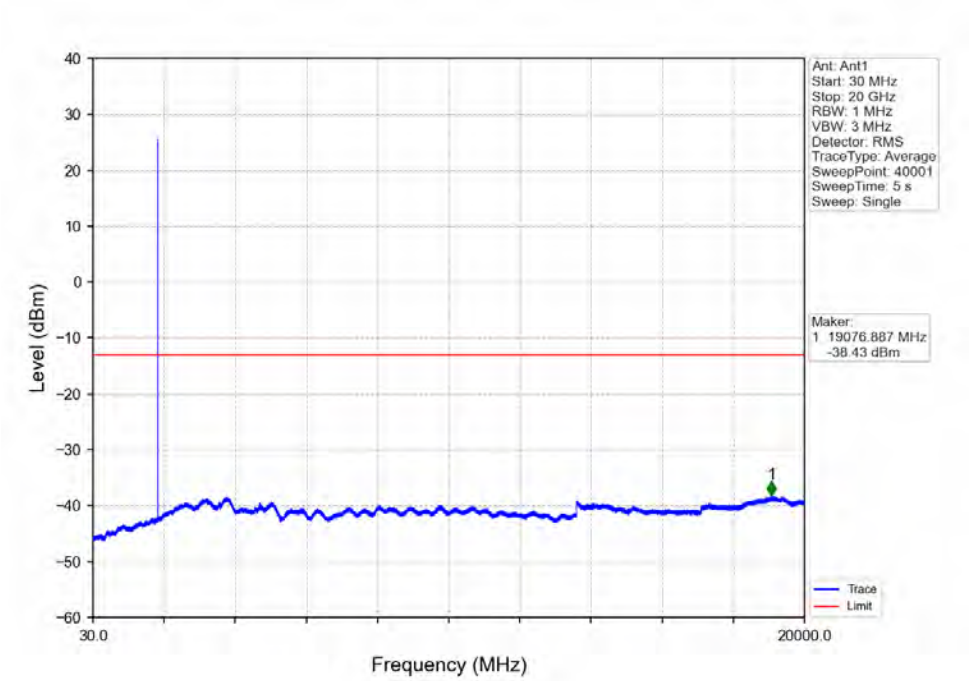
Band: PCS1900							
ENV	Mode		Spurious Emission				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	GPRS	/	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	EGPRS	/	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

4.1.2 Test Graph

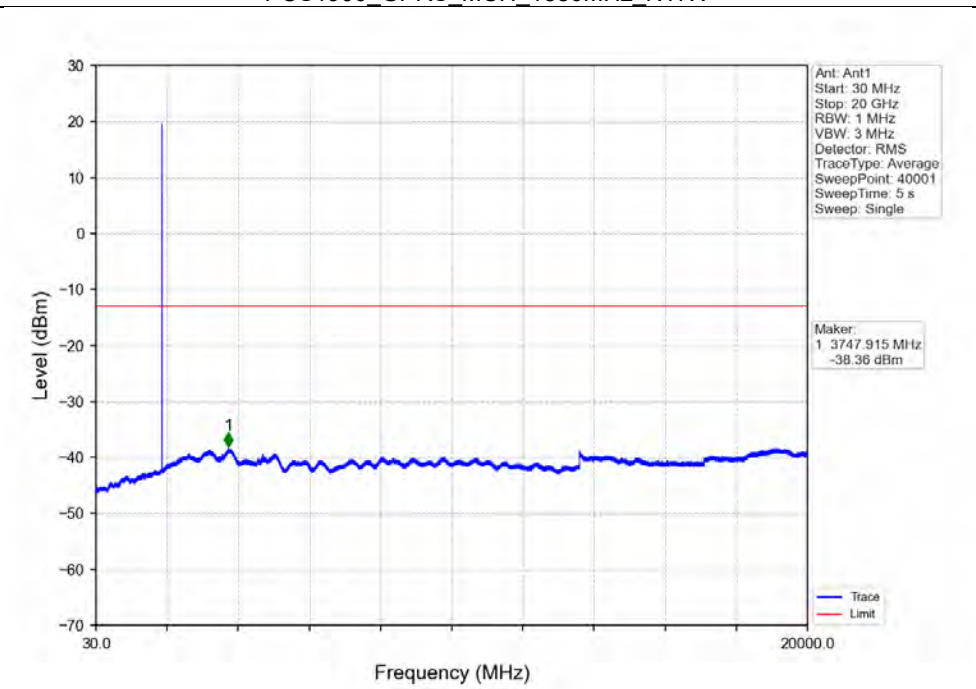
PCS1900_GPRS_LCH_1850.2MHz_NTNV



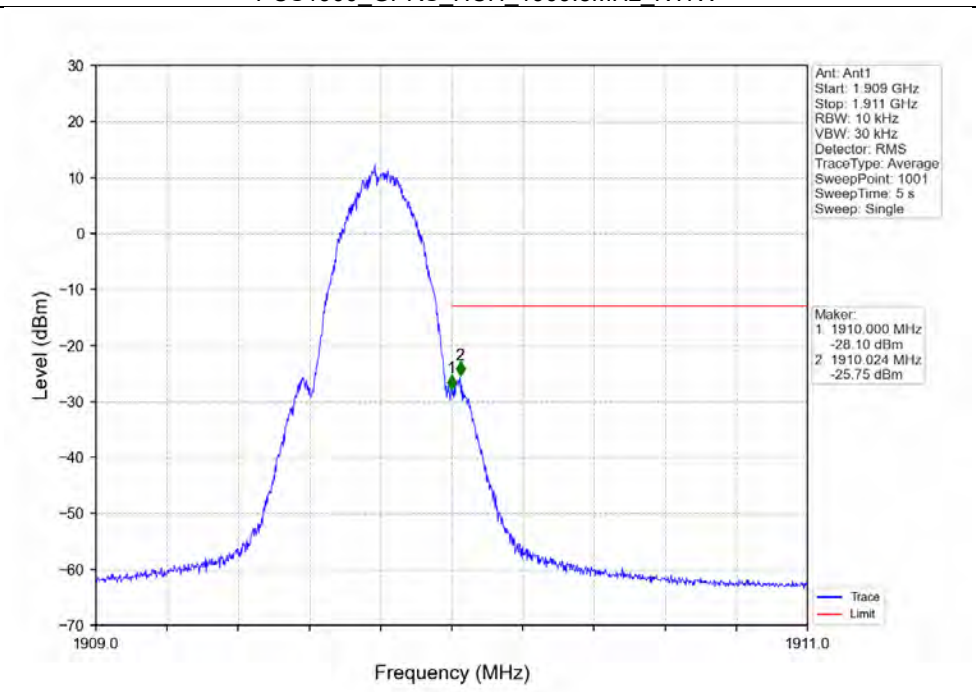
PCS1900_GPRS_LCH_1850.2MHz_NTNV



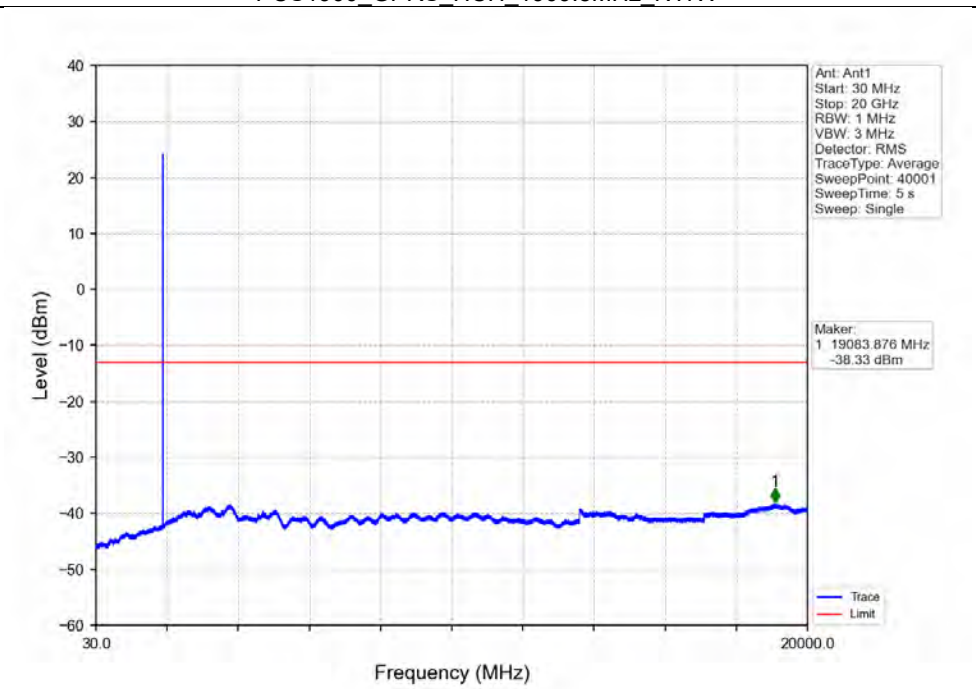
PCS1900_GPRS_MCH_1880MHz_NTNV



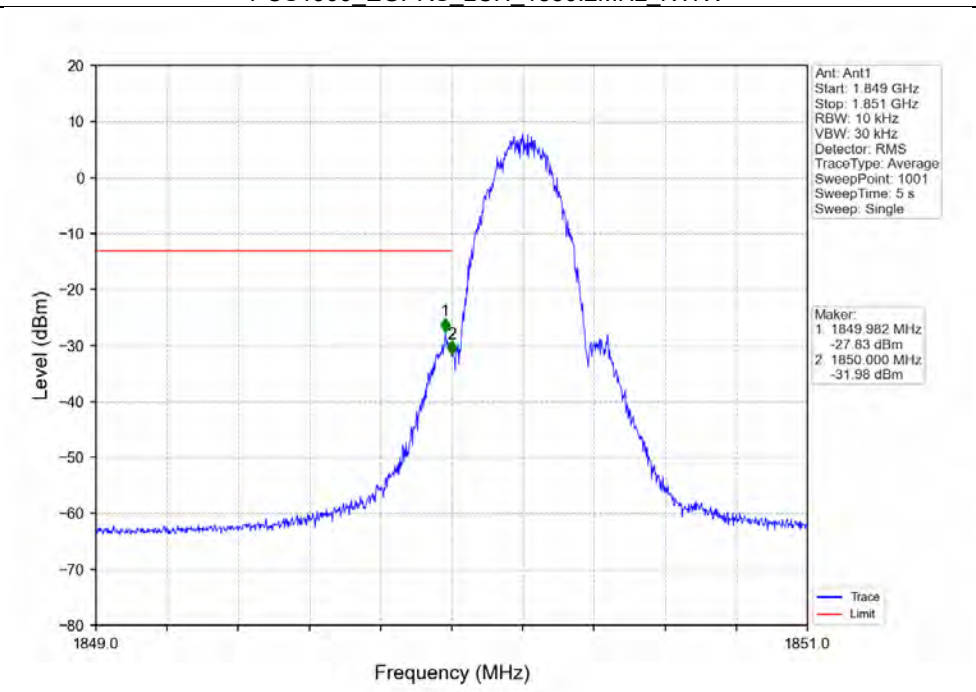
PCS1900_GPRS_HCH_1909.8MHz_NTNV



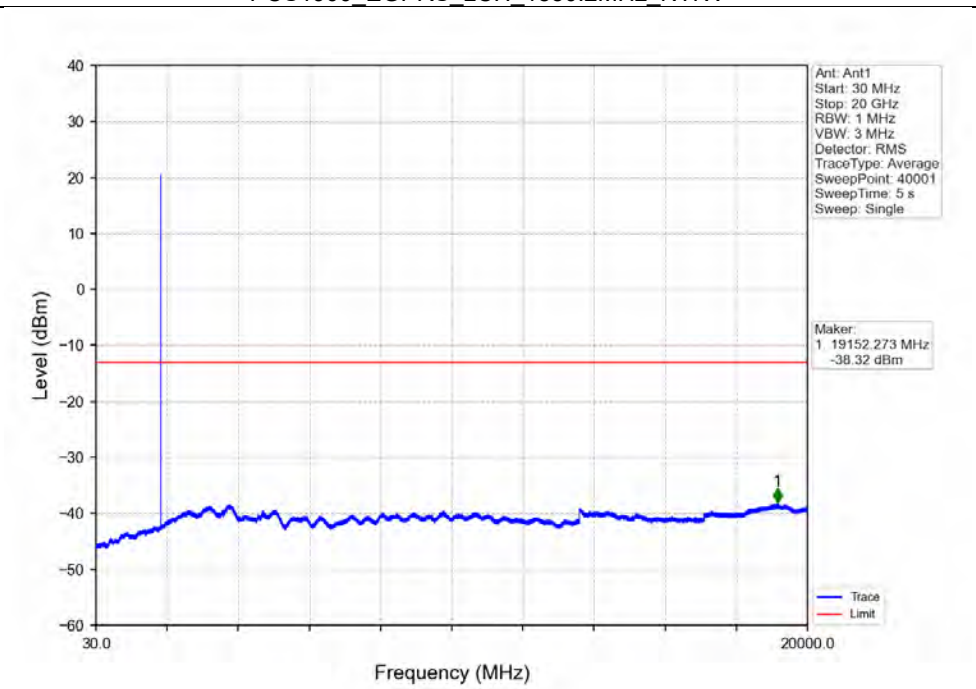
PCS1900_GPRS_HCH_1909.8MHz_NTNV



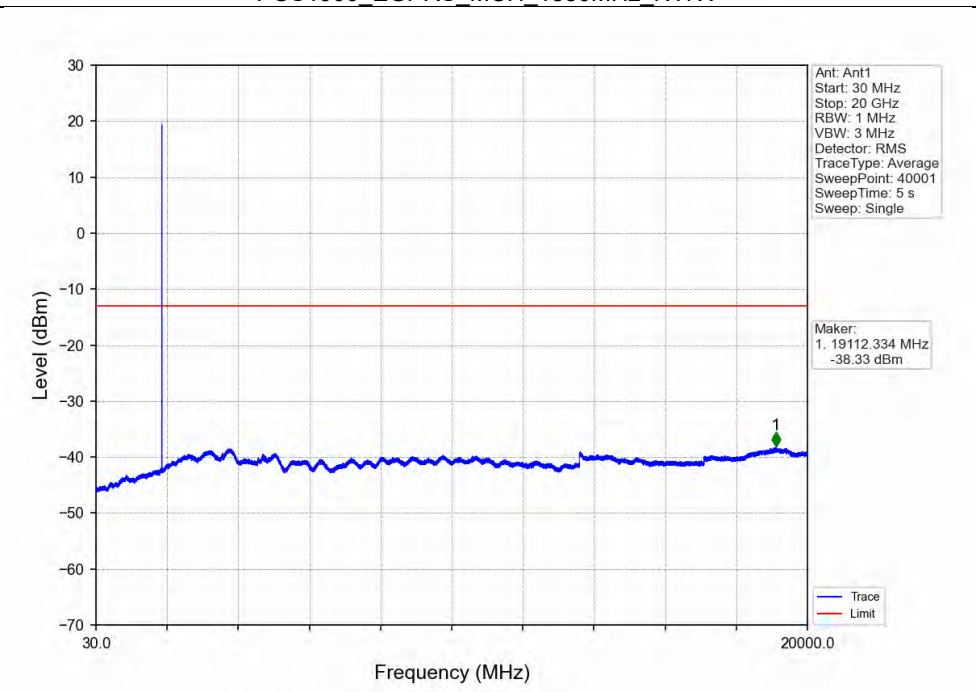
PCS1900_EGPRS_LCH_1850.2MHz_NTNV



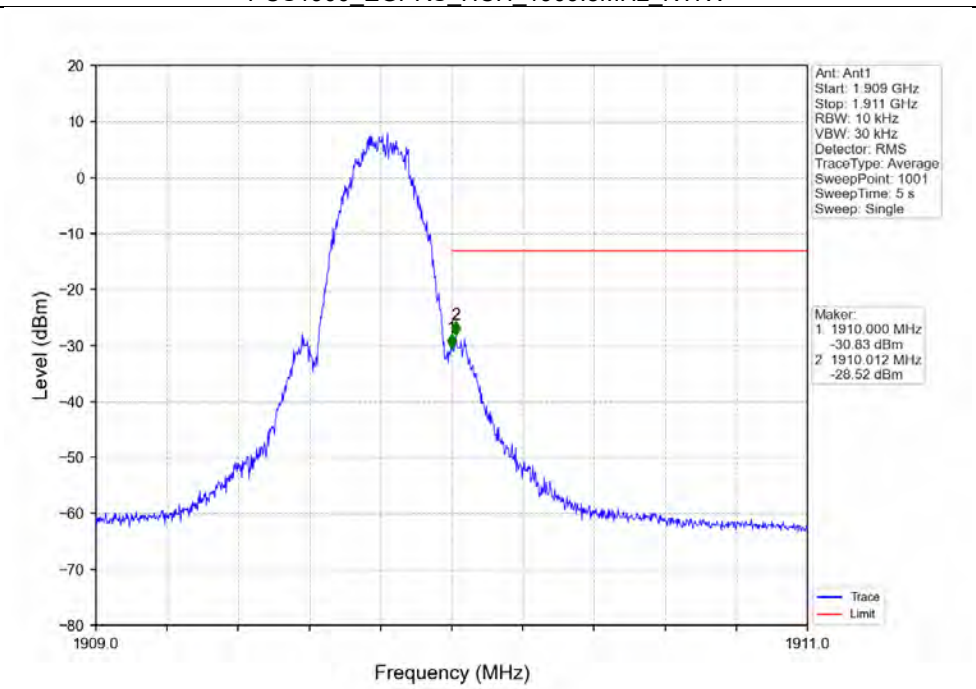
PCS1900_EGPRS_LCH_1850.2MHz_NTNV



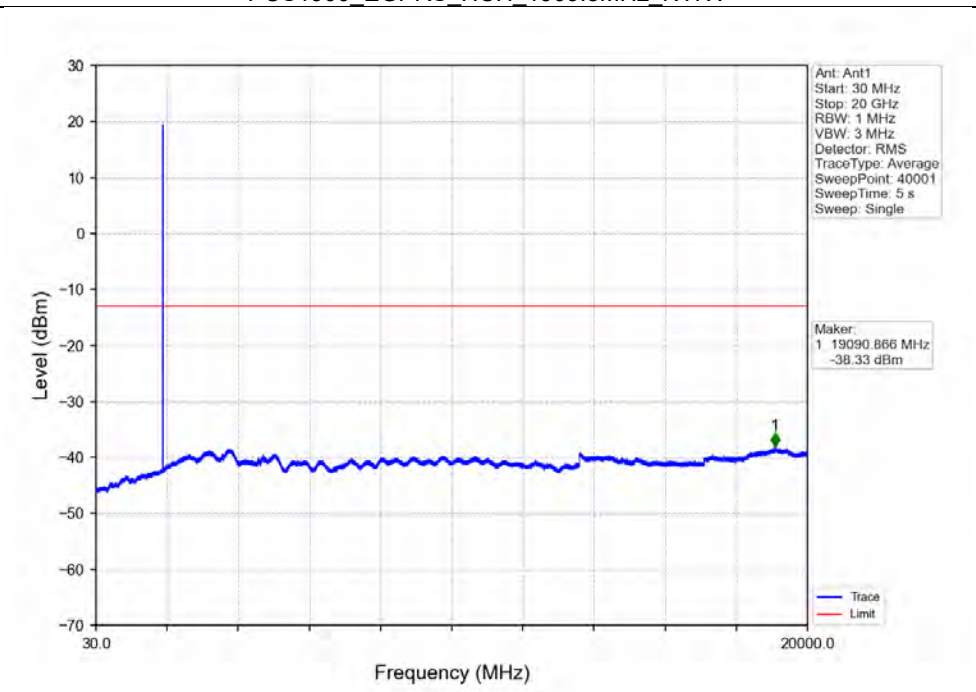
PCS1900_EGPRS_MCH_1880MHz_NTNV



PCS1900_EGPRS_HCH_1909.8MHz_NTNV



PCS1900_EGPRS_HCH_1909.8MHz_NTNV



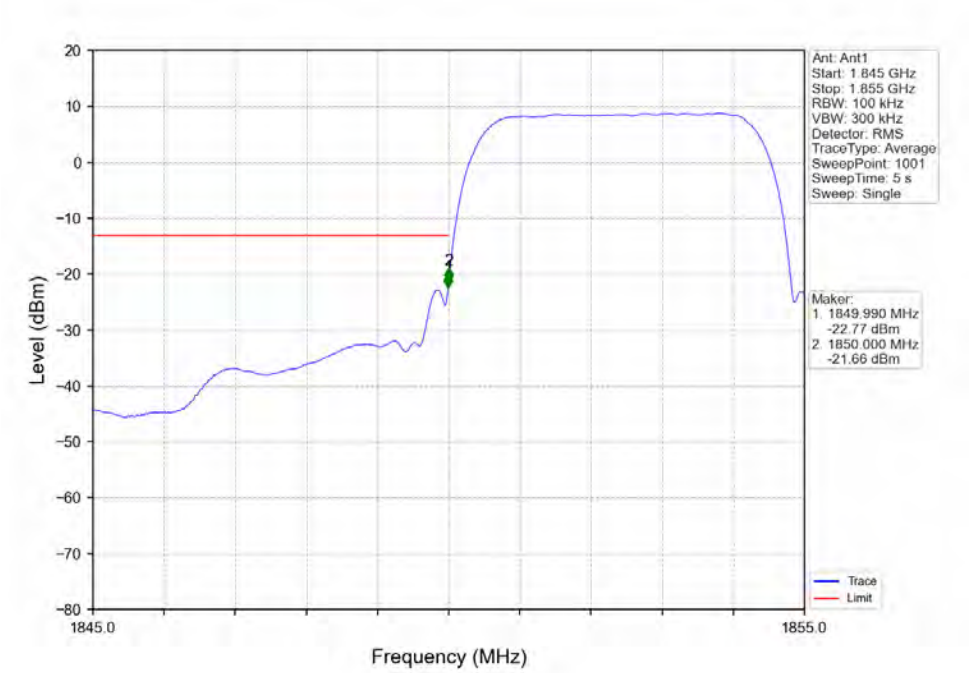
4.2 WCDMA Band2

4.2.1 Test Result

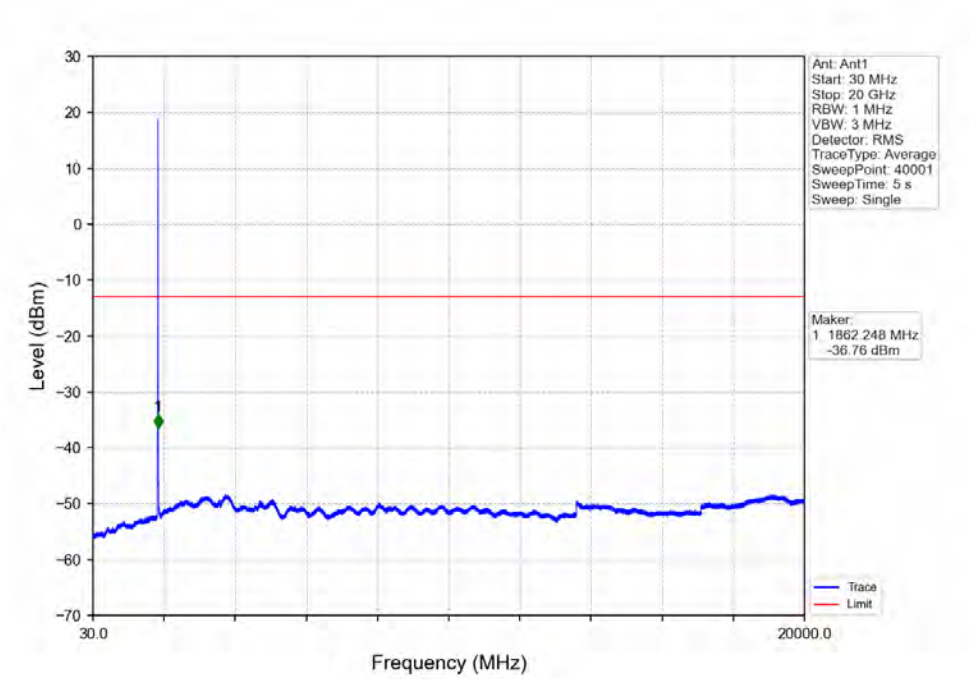
Band: 2							
ENV	Mode		Spurious Emission				Verdict
	Network	Subset	LCH	MCH	HCH	Limit	
NTNV	RMC	4.0.2kbps RMC	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

4.2.2 Test Graph

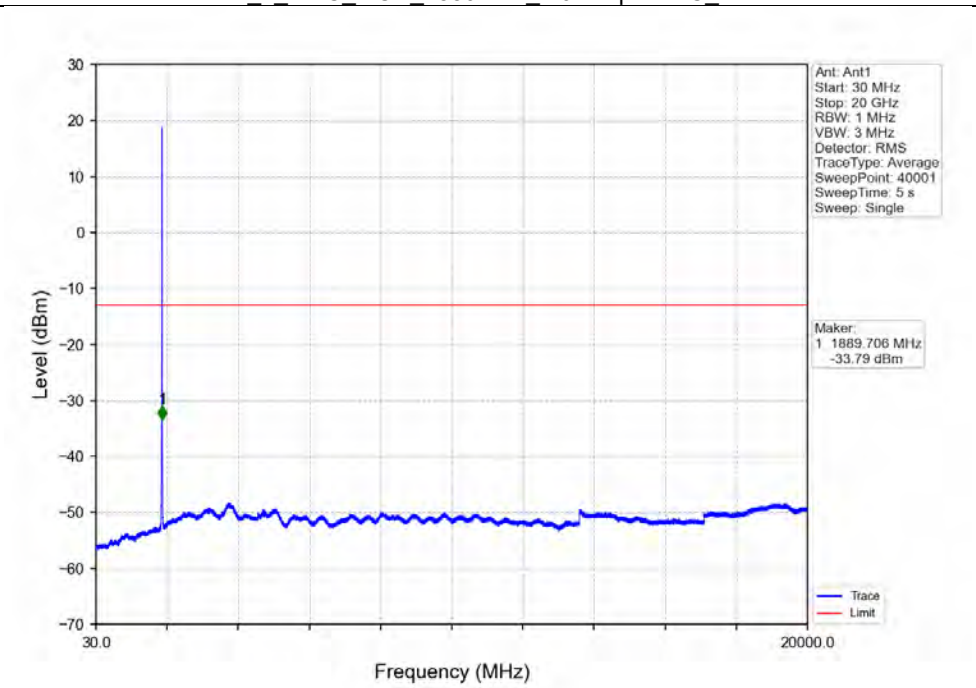
Band_2_RMC_LCH_1852.4MHz_4.0.2kbps RMC_NTNV



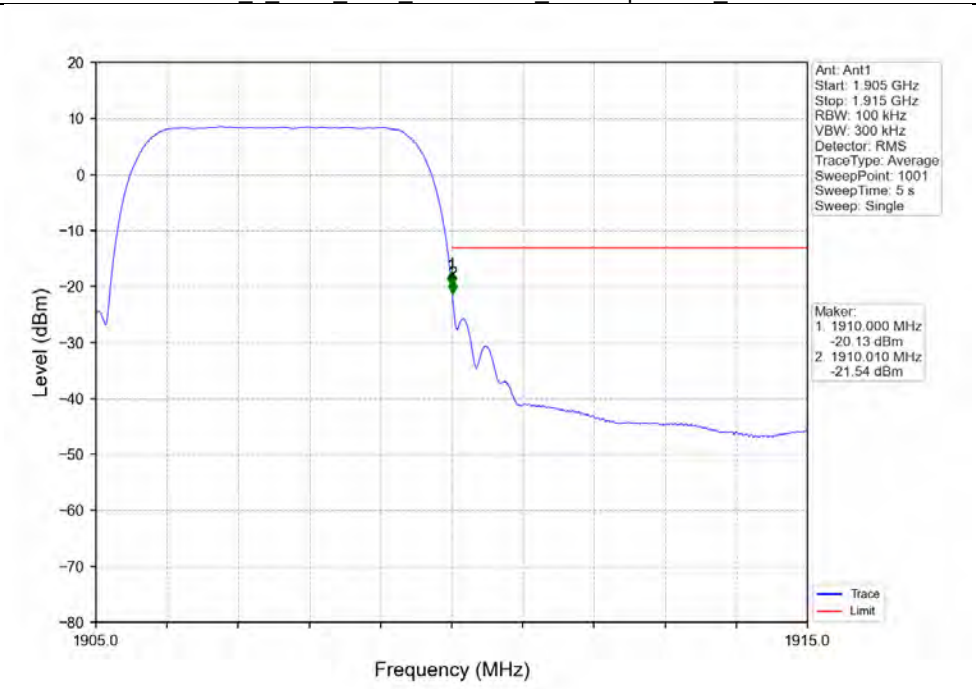
Band_2_RMC_LCH_1852.4MHz_4.0.2kbps RMC_NTNV

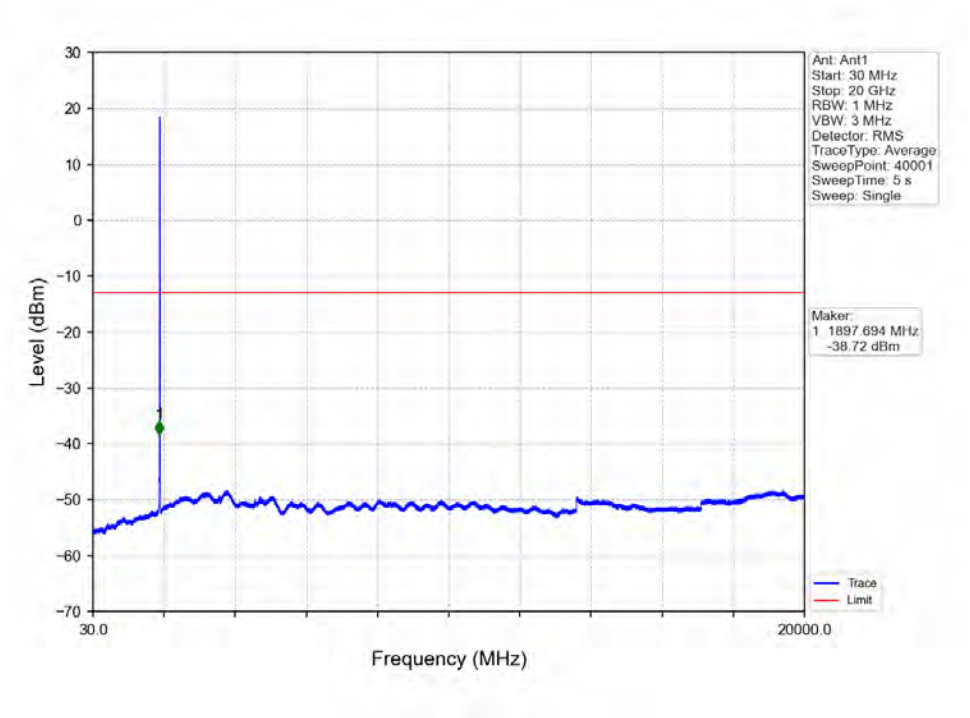


Band_2_RMC_MCH_1880MHz_4.0.2kbps RMC_NTNV



Band_2_RMC_HCH_1907.6MHz_4.0.2kbps RMC_NTNV



Band_2_RMC_HCH_1907.6MHz_4.0.2kbps RMC_NTNV


4.3 LTE Band 2

4.3.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	6	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	5	/	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 2 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	15	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	14	/	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 2 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	24	/	/	Refer To Test Graph	Refer To Test Graph	Pass

Band: 2 / Bandwidth: 10MHz / NTNV

Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	50	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	49	/	/	Refer To Test Graph	Refer To Test Graph	Pass

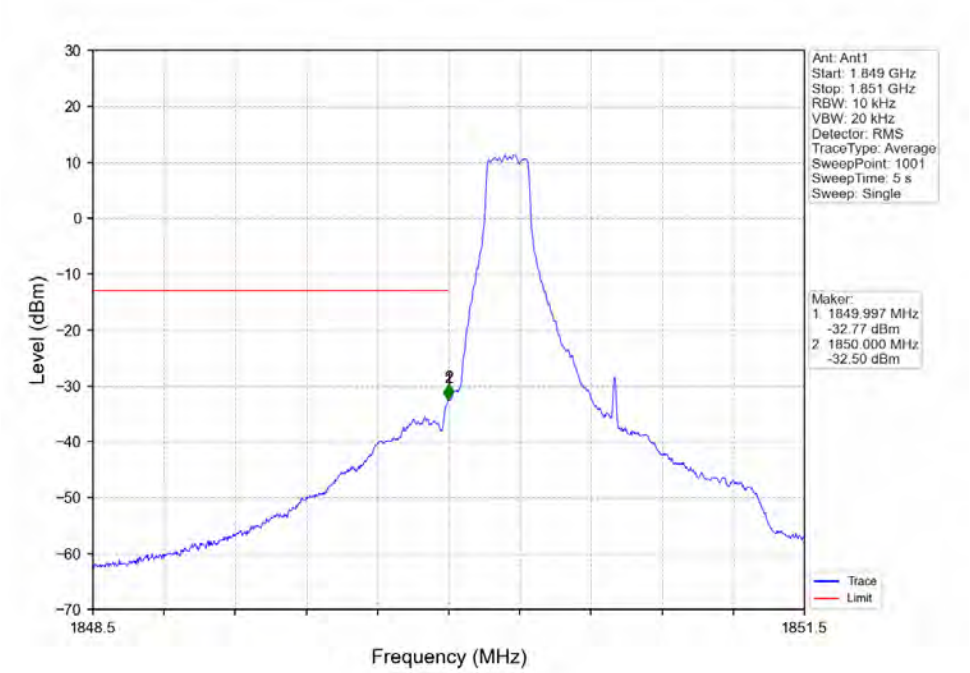
Band: 2 / Bandwidth: 15MHz / NTNV

Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	75	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	74	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	75	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	74	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass

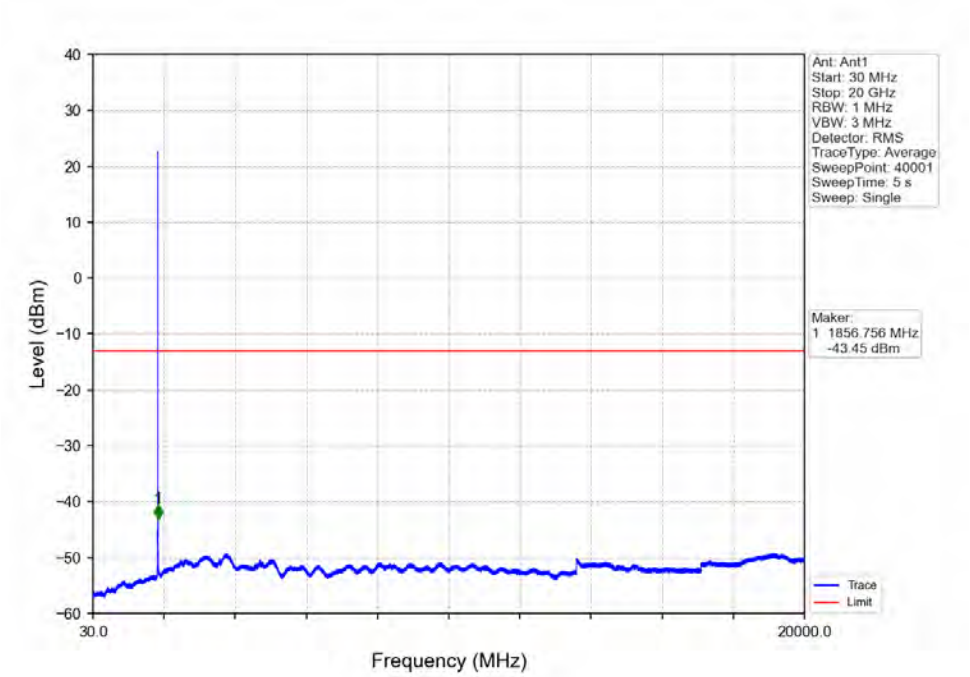
	75	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	74	/	/	Refer To Test Graph	Refer To Test Graph	Pass
Band: 2 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		Spurious Emission				Verdict
	Size	Offset	LCH	MCH	HCH	Limit	
QPSK	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	100	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	99	/	/	Refer To Test Graph	Refer To Test Graph	Pass
16QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	100	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	99	/	/	Refer To Test Graph	Refer To Test Graph	Pass
64QAM	1	0	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Refer To Test Graph	Pass
	100	0	Refer To Test Graph	/	Refer To Test Graph	Refer To Test Graph	Pass
	1	99	/	/	Refer To Test Graph	Refer To Test Graph	Pass

4.3.2 Test Graph

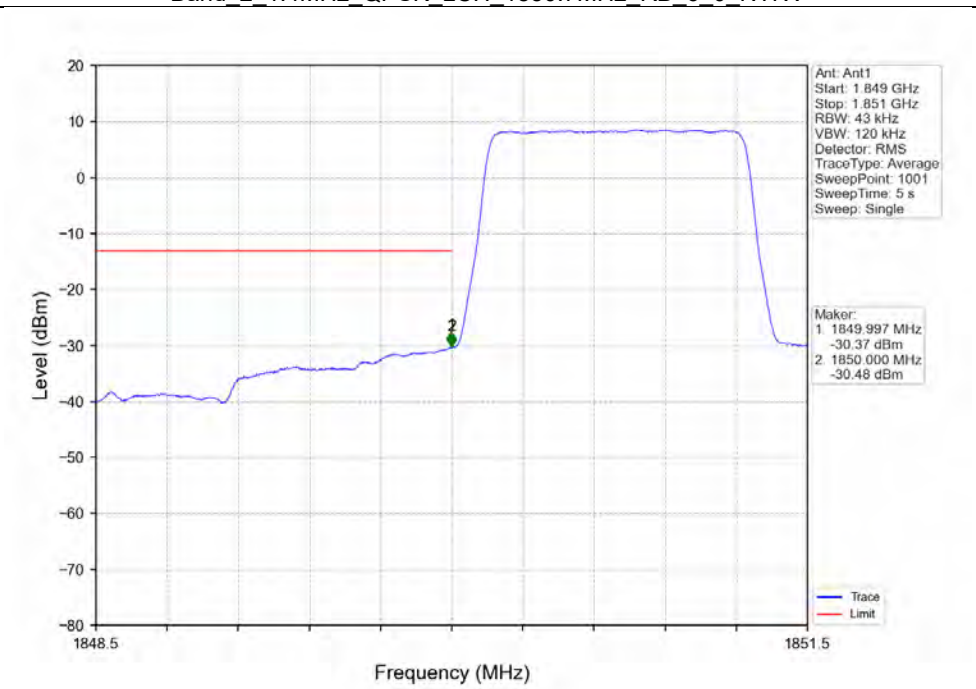
Band_2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



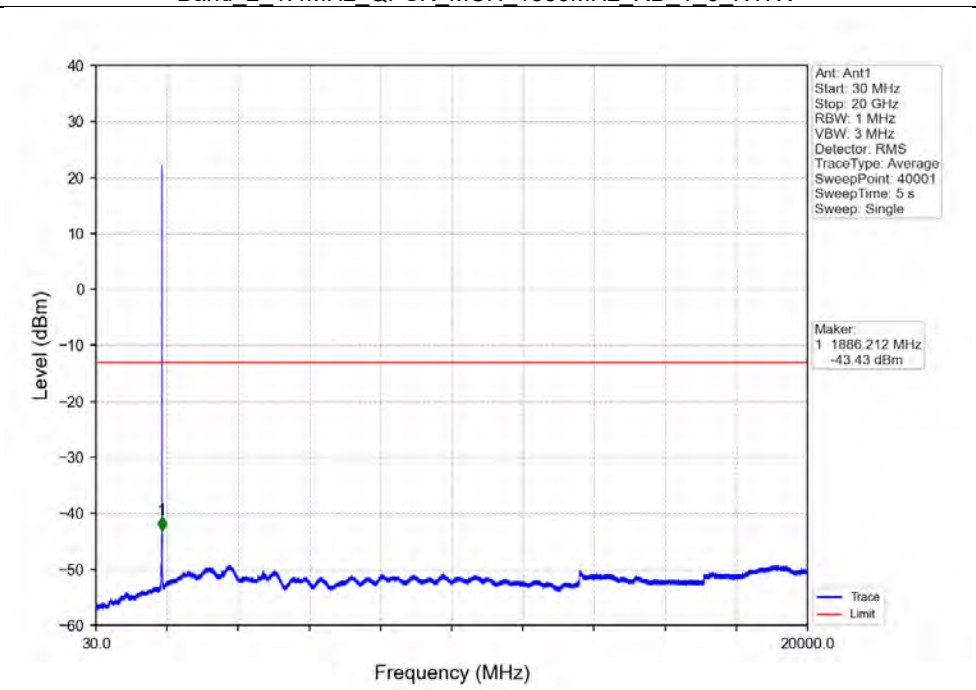
Band_2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



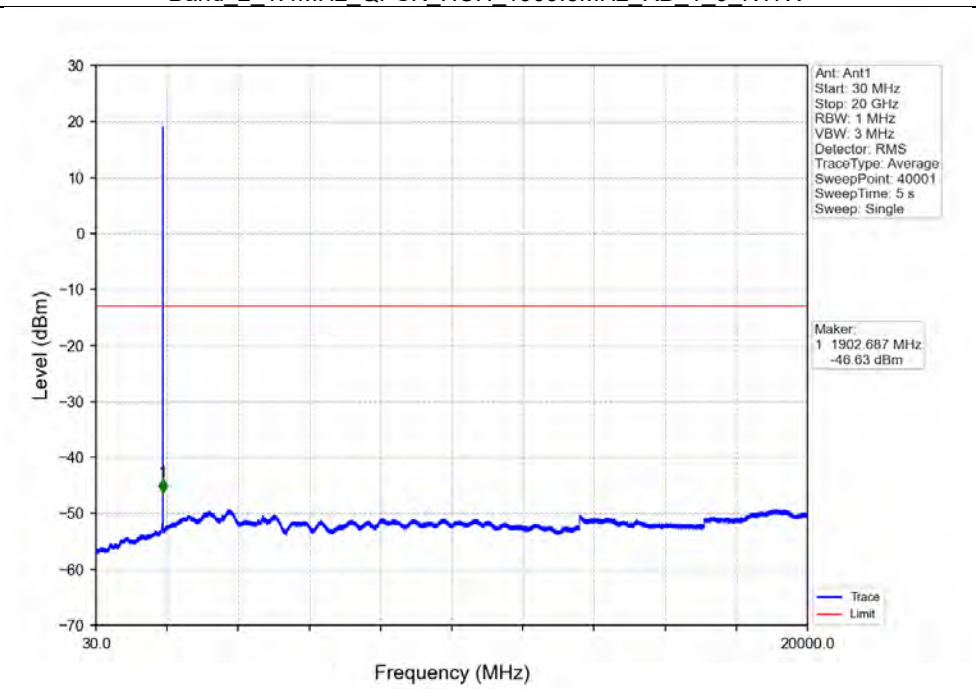
Band_2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band_2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



Band_2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band_2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV