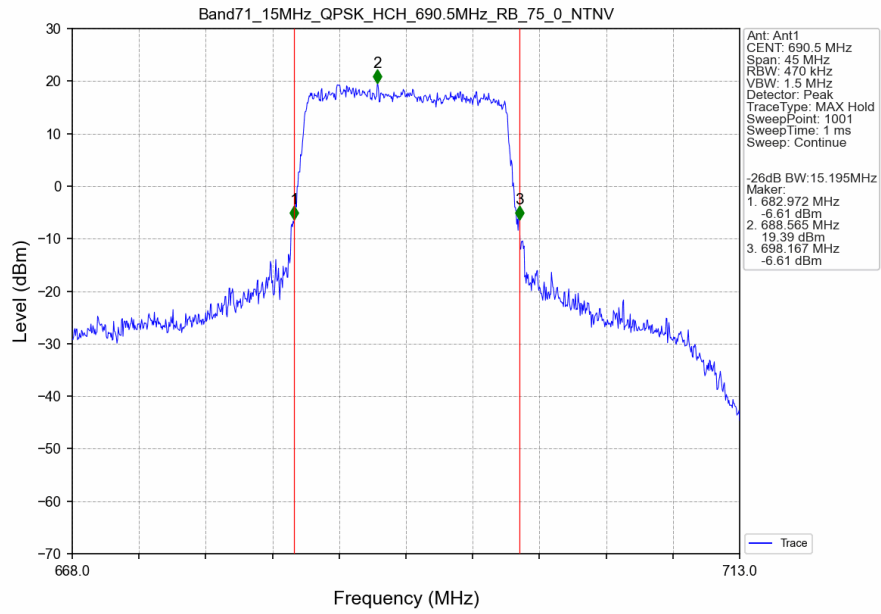
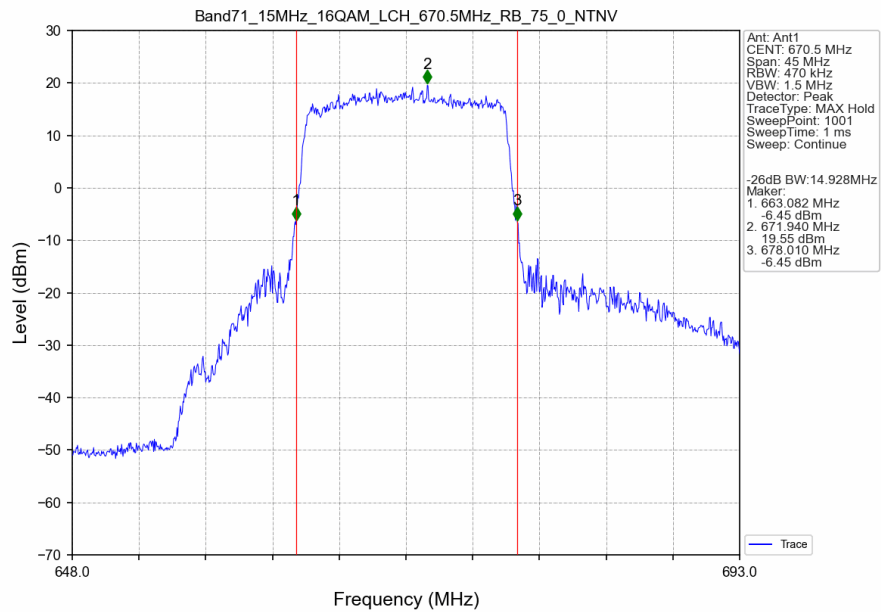


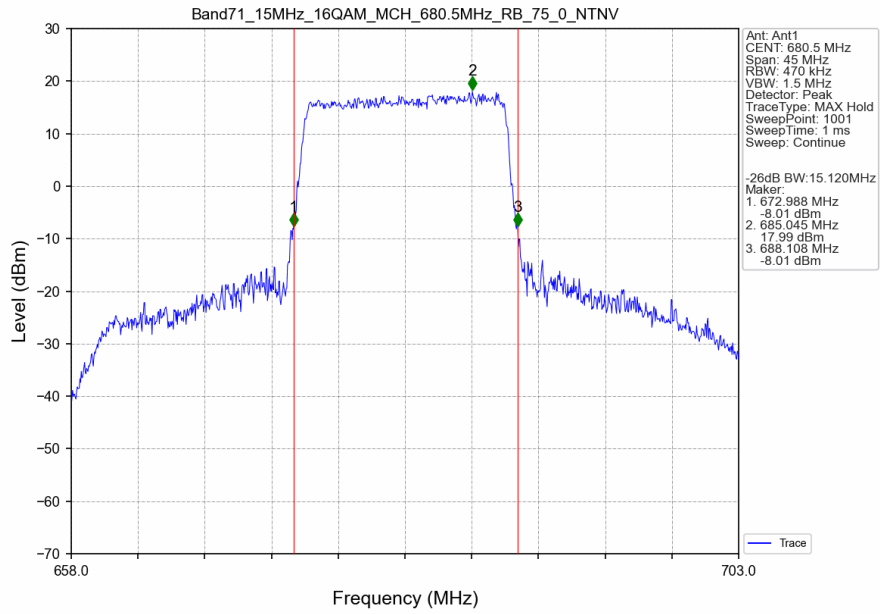
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



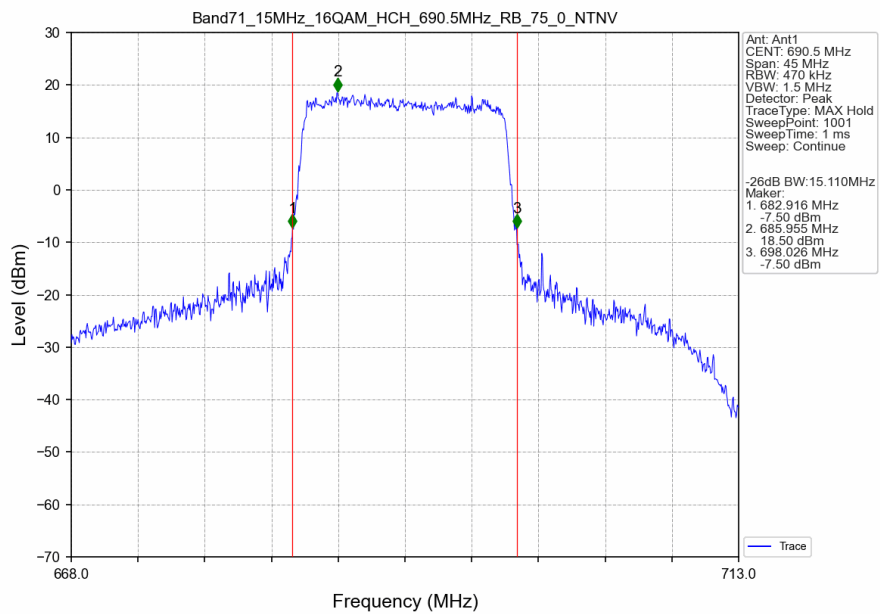
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



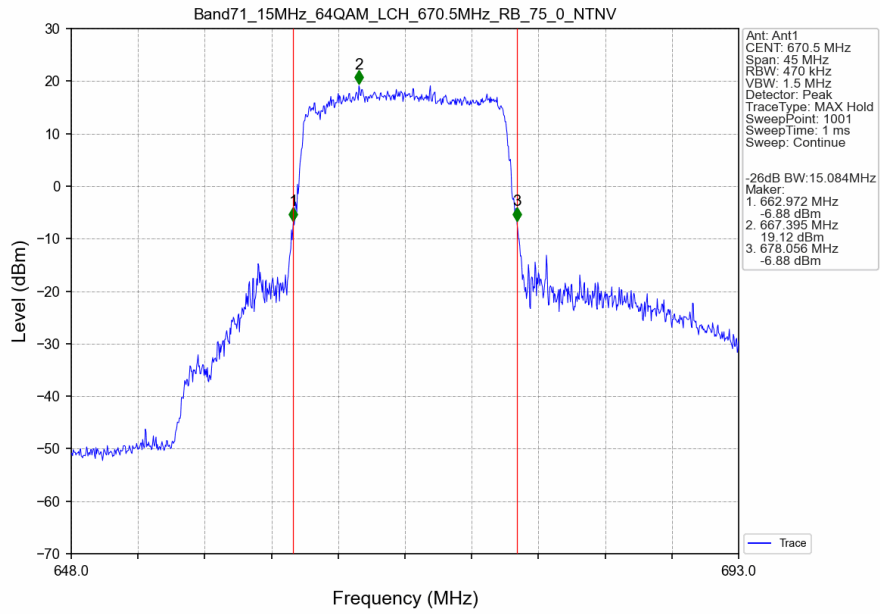
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



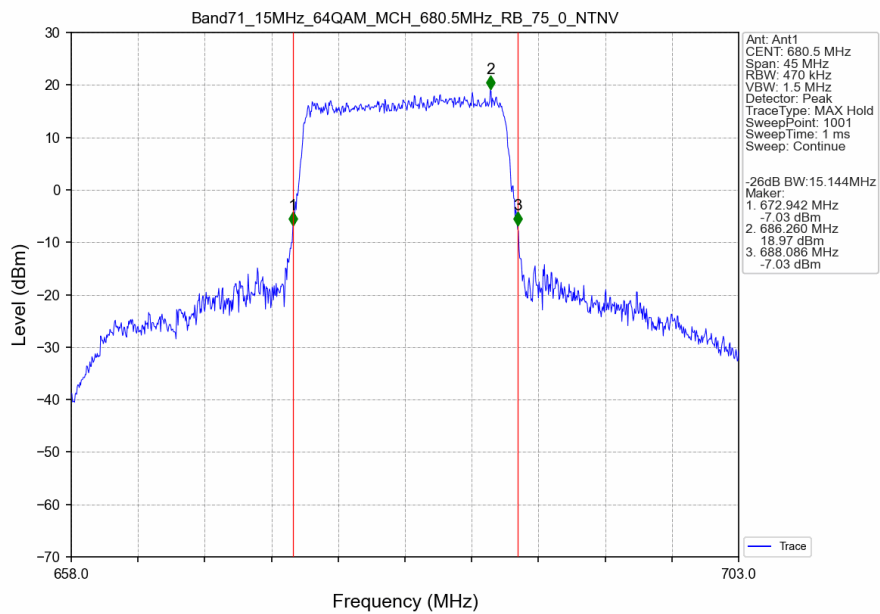
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



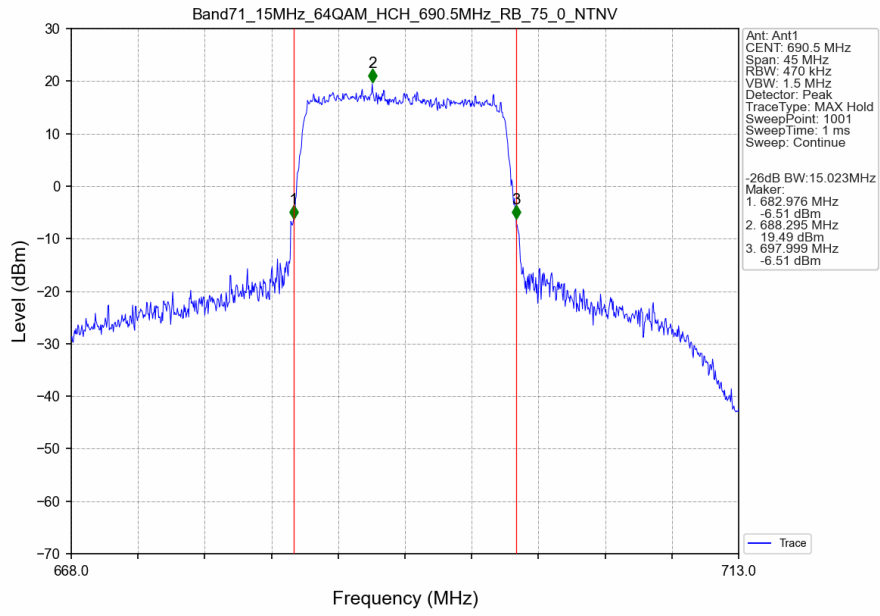
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



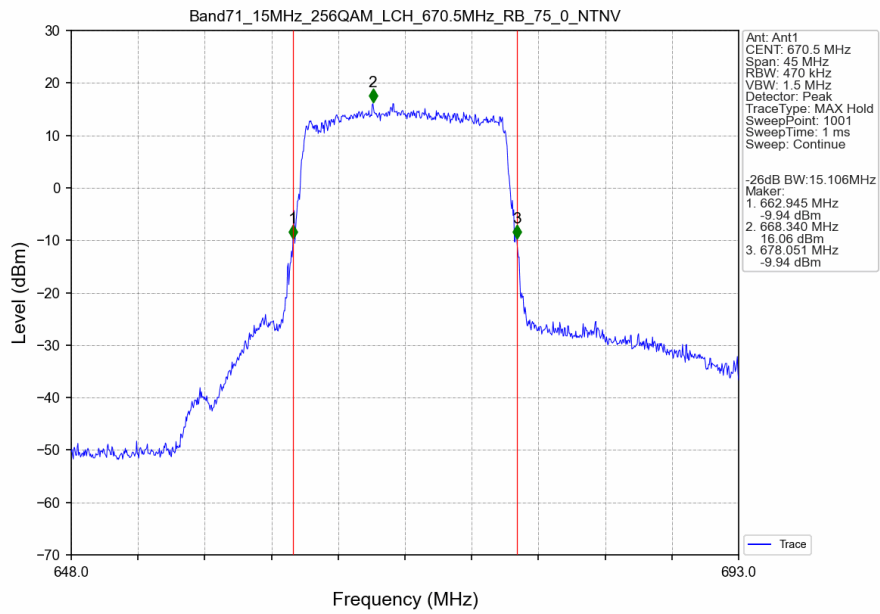
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



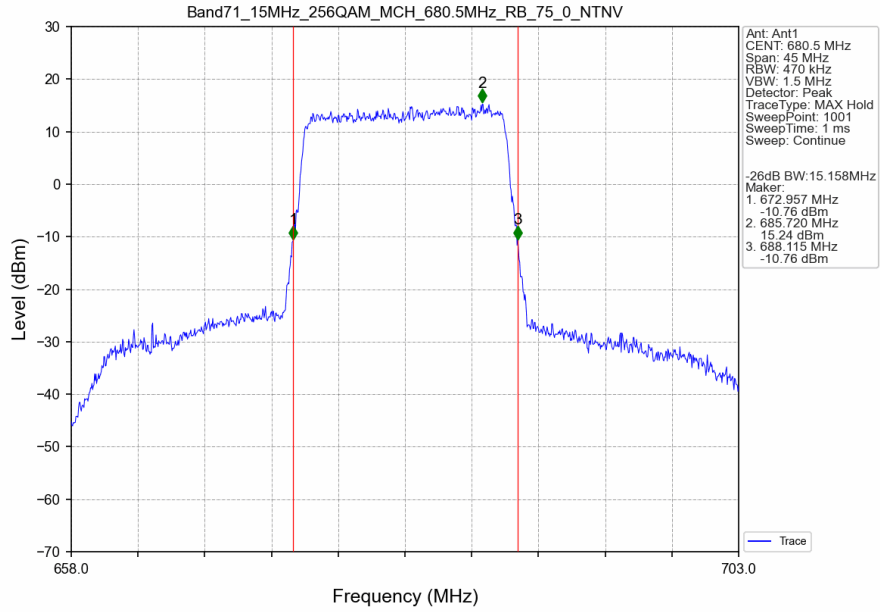
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



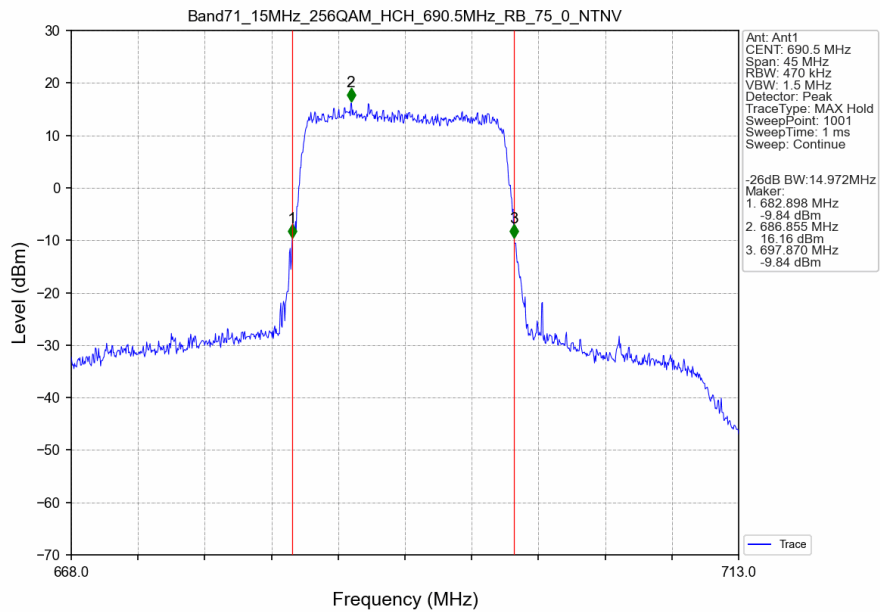
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



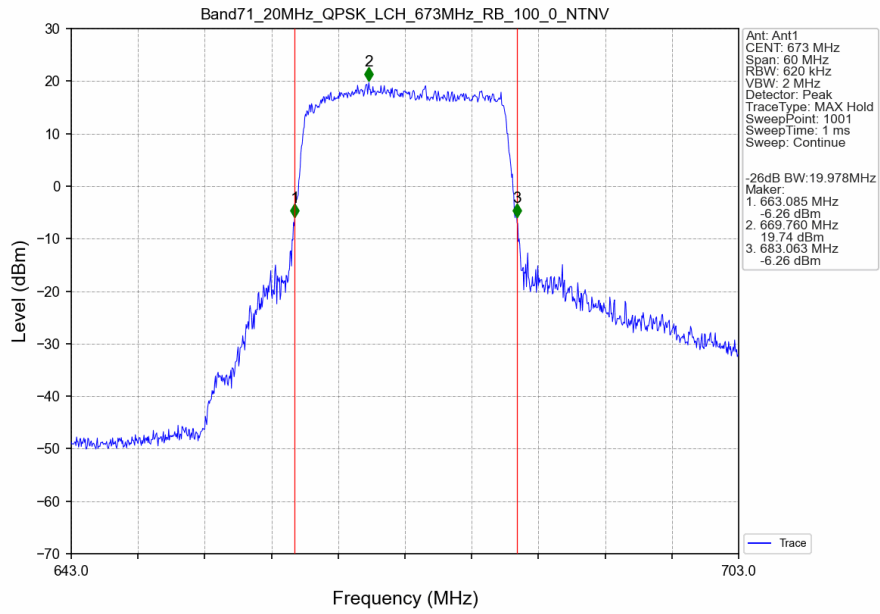
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



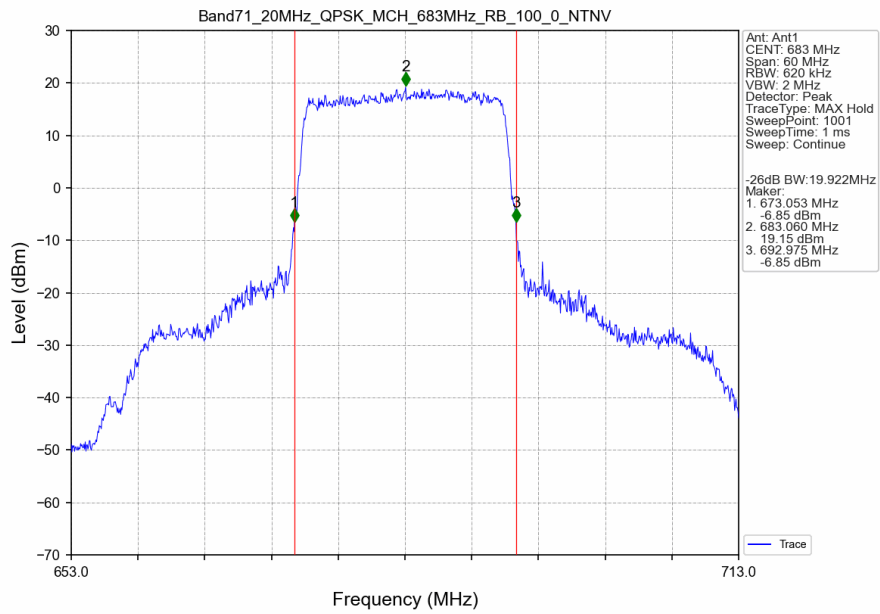
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV



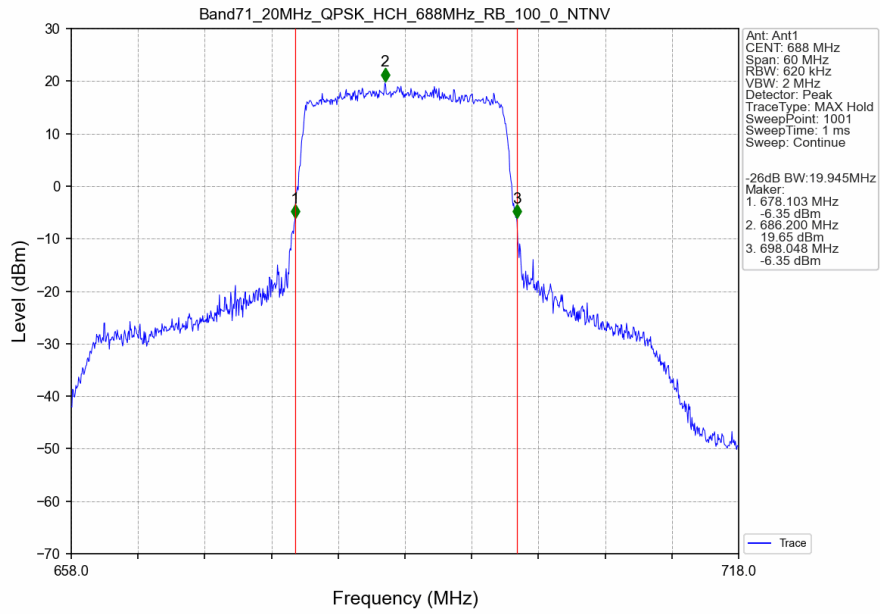
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



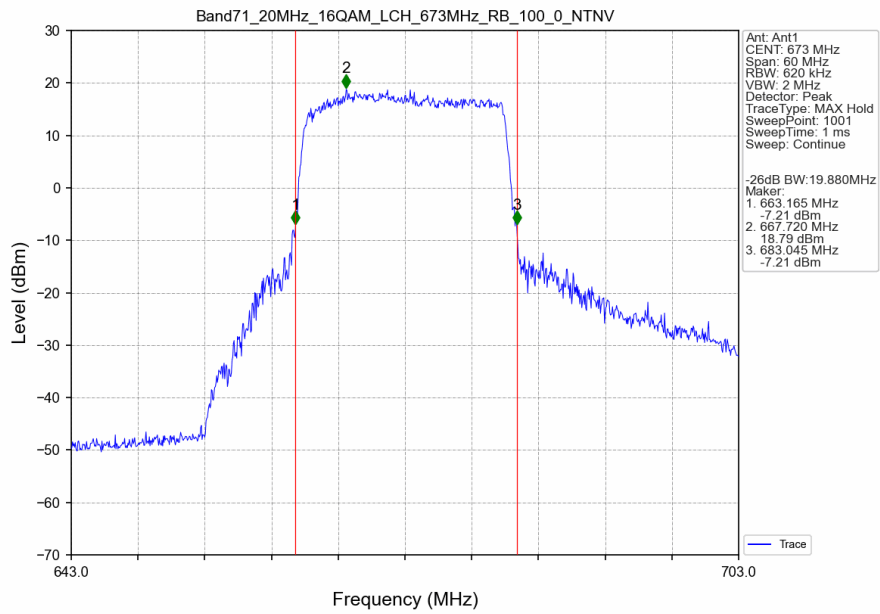
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



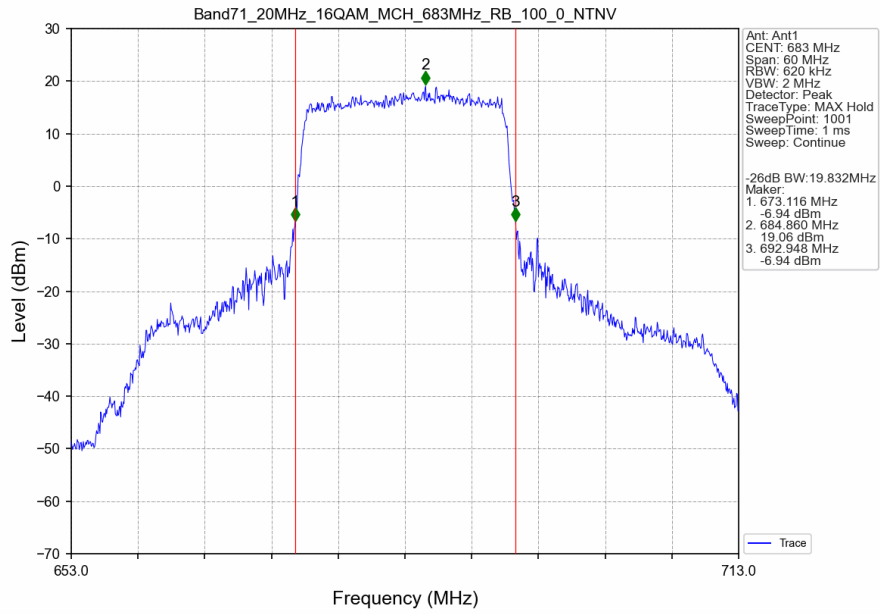
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



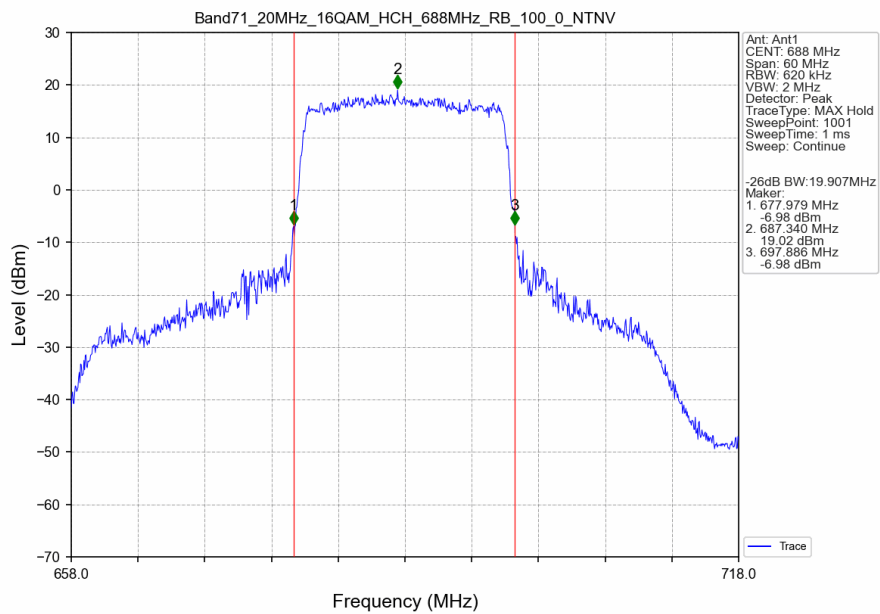
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



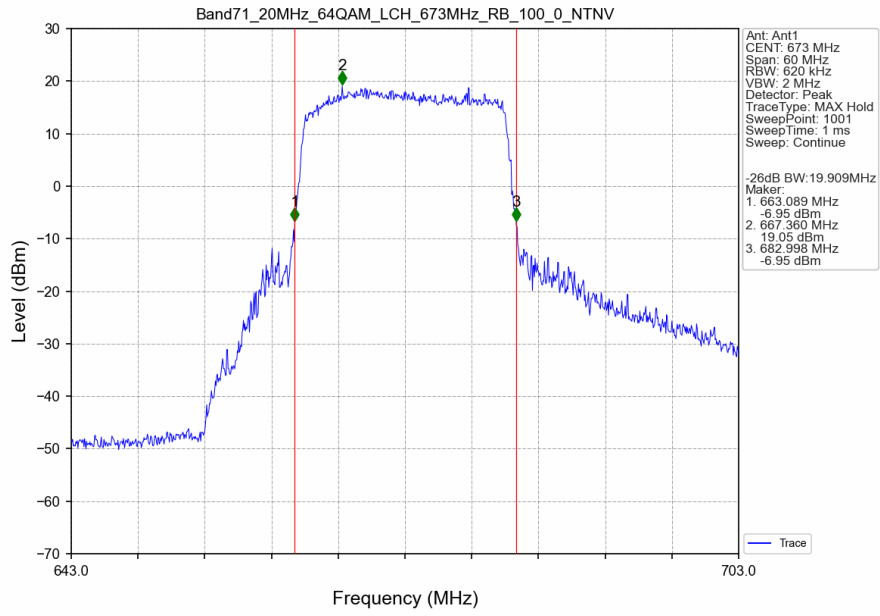
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



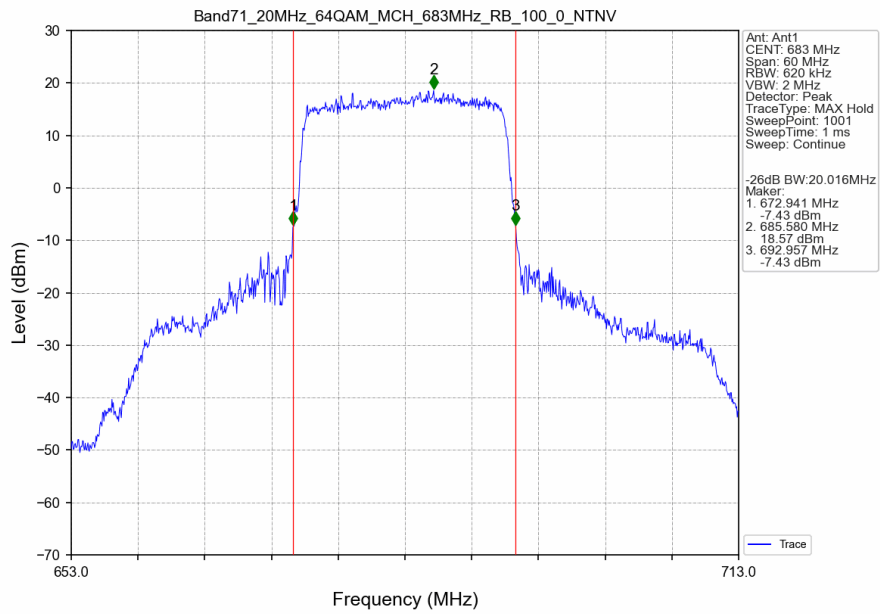
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



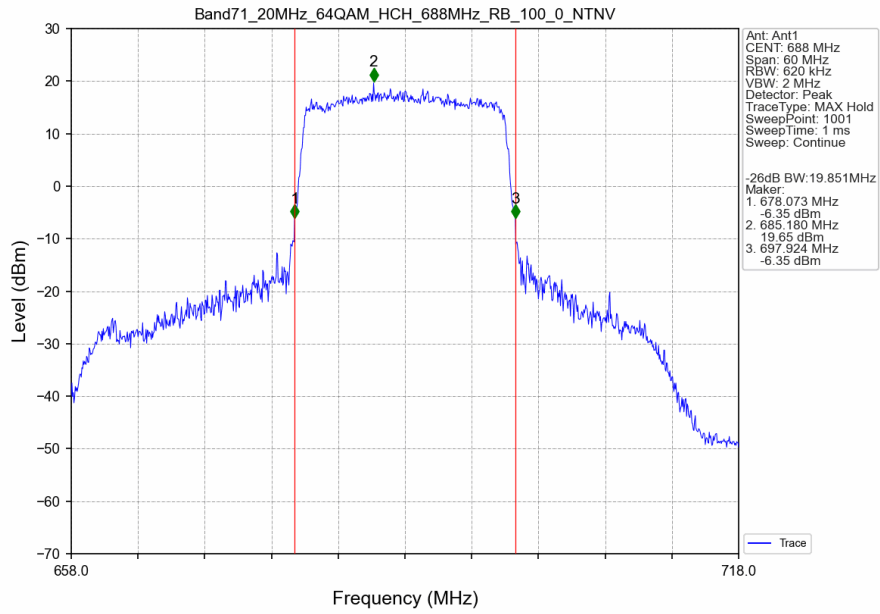
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



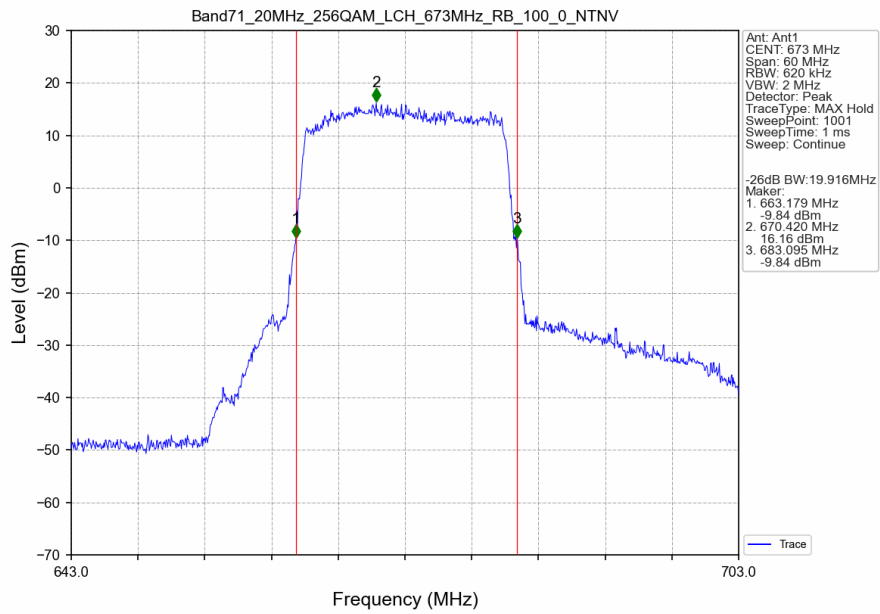
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



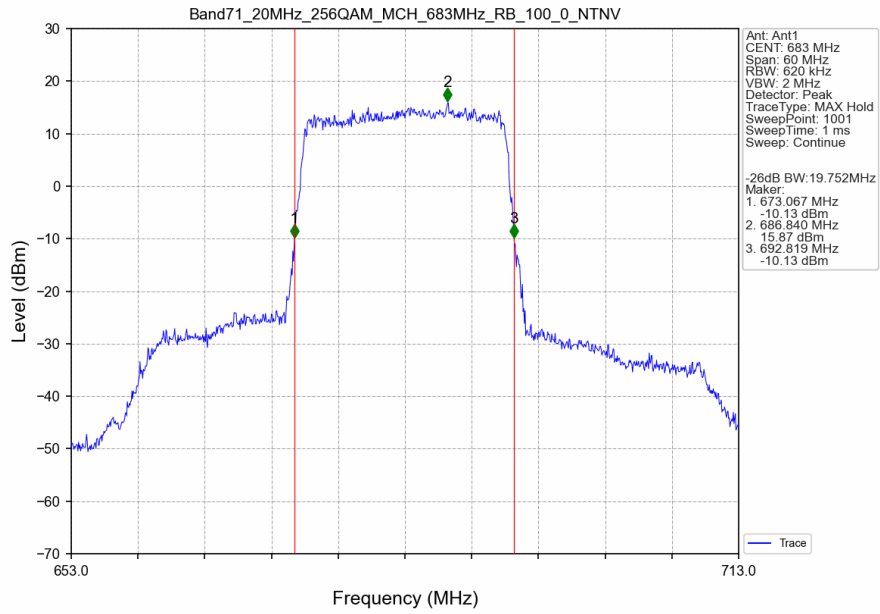
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



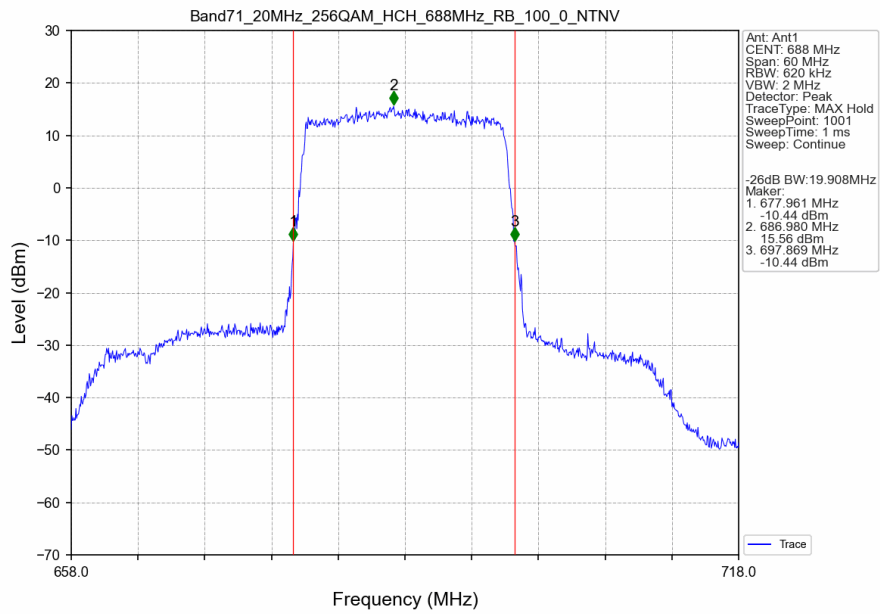
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.53	<=13	Pass
	680.5	25	0	5.68	<=13	Pass
	695.5	25	0	5.52	<=13	Pass
16QAM	665.5	25	0	6.38	<=13	Pass
	680.5	25	0	6.50	<=13	Pass
	695.5	25	0	6.29	<=13	Pass
64QAM	665.5	25	0	6.36	<=13	Pass
	680.5	25	0	6.48	<=13	Pass
	695.5	25	0	6.28	<=13	Pass
256QAM	665.5	25	0	6.95	<=13	Pass
	680.5	25	0	6.86	<=13	Pass
	695.5	25	0	6.79	<=13	Pass

4.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.35	<=13	Pass
	680.5	50	0	5.66	<=13	Pass
	693	50	0	5.56	<=13	Pass
16QAM	668	50	0	6.22	<=13	Pass
	680.5	50	0	6.45	<=13	Pass
	693	50	0	6.29	<=13	Pass
64QAM	668	50	0	6.21	<=13	Pass
	680.5	50	0	6.45	<=13	Pass
	693	50	0	6.29	<=13	Pass
256QAM	668	50	0	6.69	<=13	Pass
	680.5	50	0	6.78	<=13	Pass
	693	50	0	6.76	<=13	Pass

4.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.38	<=13	Pass
	680.5	75	0	5.62	<=13	Pass
	690.5	75	0	5.46	<=13	Pass
16QAM	670.5	75	0	6.28	<=13	Pass
	680.5	75	0	6.44	<=13	Pass

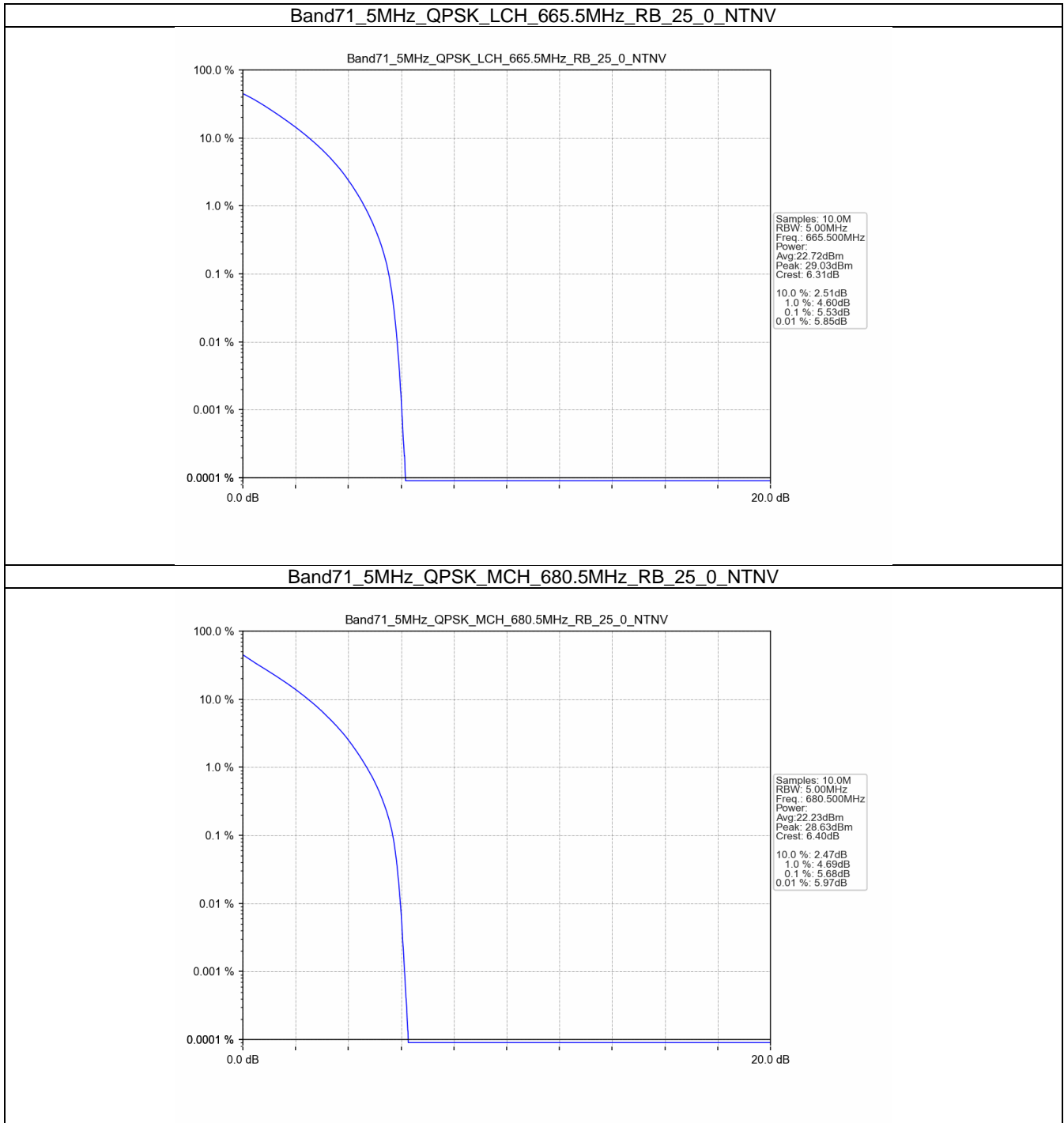
	690.5	75	0	6.28	<=13	Pass
64QAM	670.5	75	0	6.27	<=13	Pass
	680.5	75	0	6.43	<=13	Pass
	690.5	75	0	6.27	<=13	Pass
	670.5	75	0	6.70	<=13	Pass
256QAM	680.5	75	0	6.79	<=13	Pass
	690.5	75	0	6.70	<=13	Pass

4.1.4 B71_20MHz

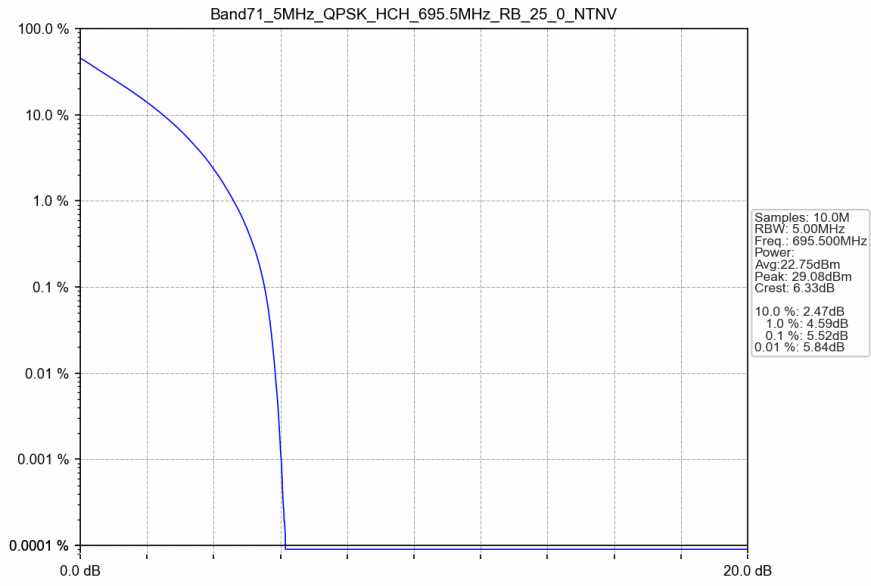
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.40	<=13	Pass
	683	100	0	5.38	<=13	Pass
	688	100	0	5.28	<=13	Pass
16QAM	673	100	0	6.34	<=13	Pass
	683	100	0	6.29	<=13	Pass
	688	100	0	6.20	<=13	Pass
64QAM	673	100	0	6.33	<=13	Pass
	683	100	0	6.27	<=13	Pass
	688	100	0	6.19	<=13	Pass
256QAM	673	100	0	6.74	<=13	Pass
	683	100	0	6.68	<=13	Pass
	688	100	0	6.62	<=13	Pass

4.2 Test Graph

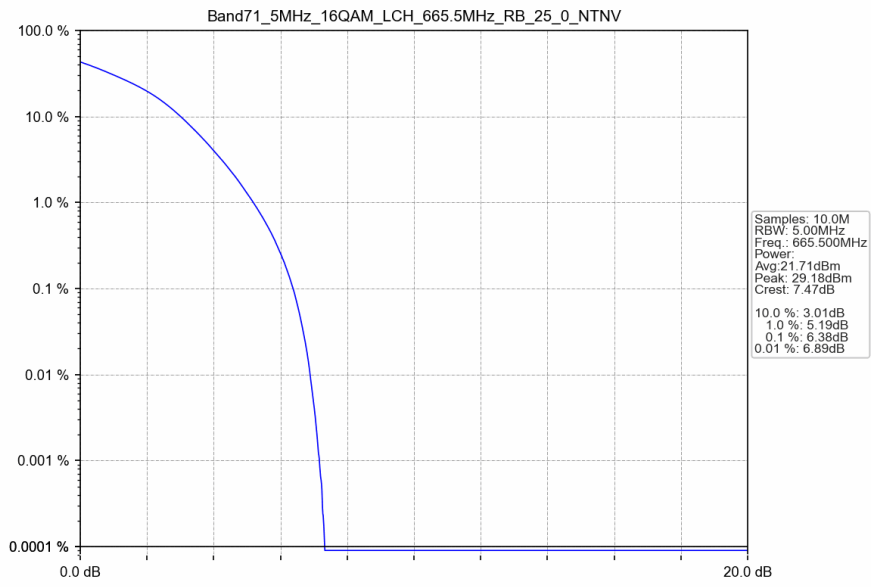
4.2.1 B71_5MHz



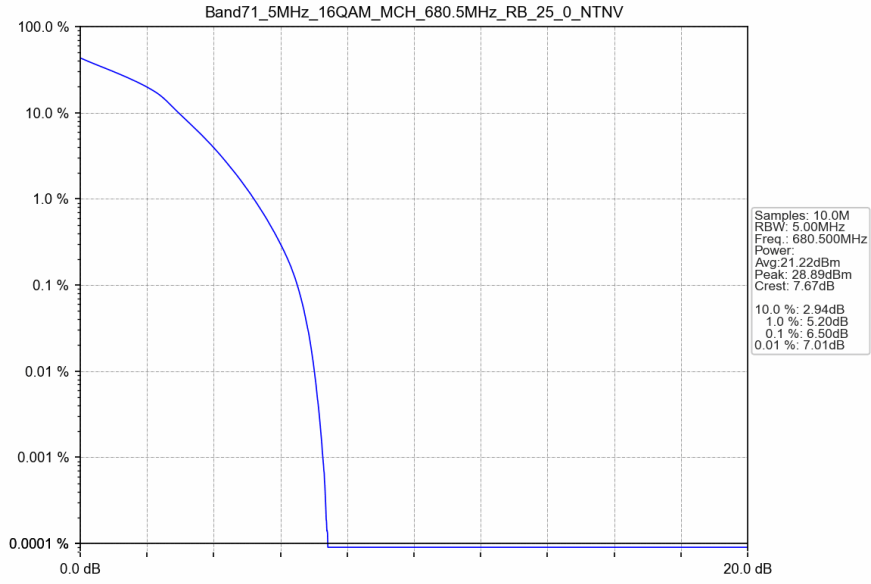
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



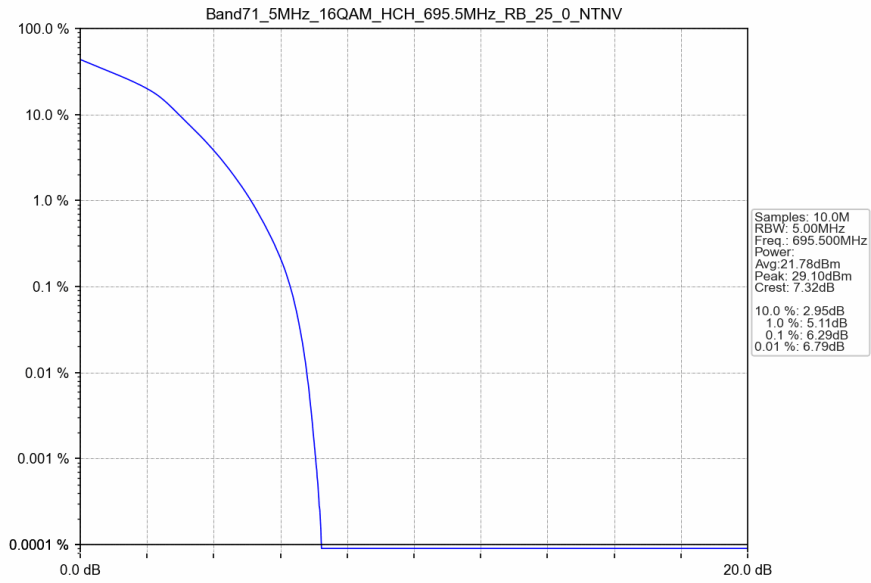
Band71_5MHz_16QAM_LCH_665.5MHz_RB_25_0_NTNV



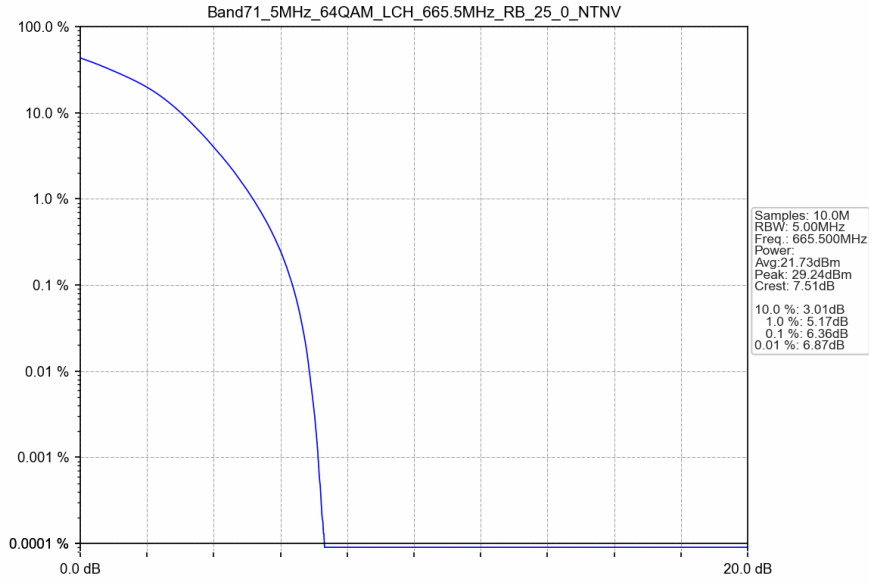
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



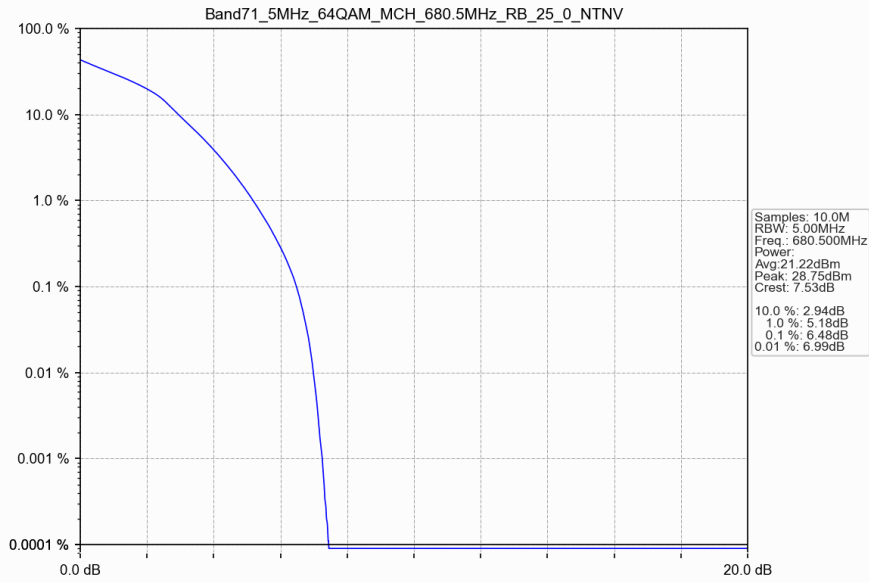
Band71_5MHz_16QAM_HCH_695.5MHz_RB_25_0_NTNV



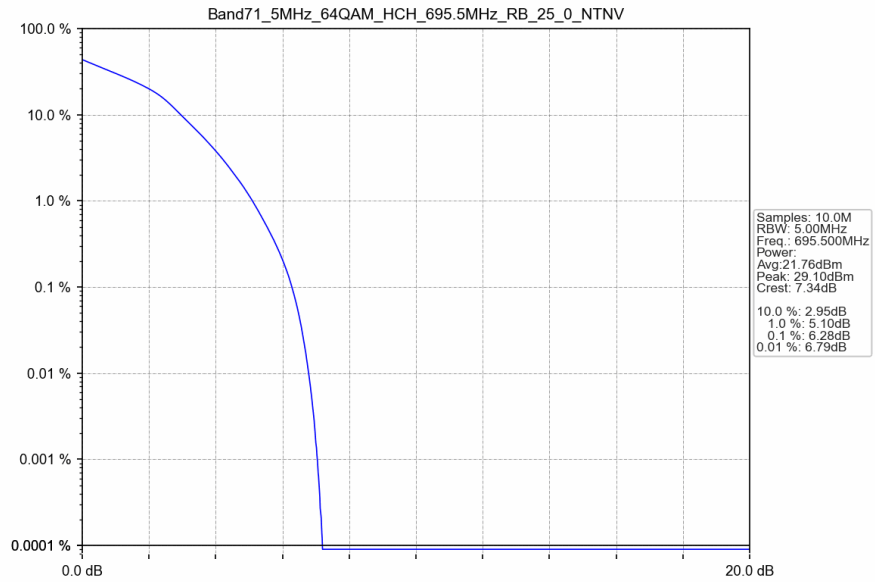
Band71_5MHz_64QAM_LCH_665.5MHz_RB_25_0_NTNV



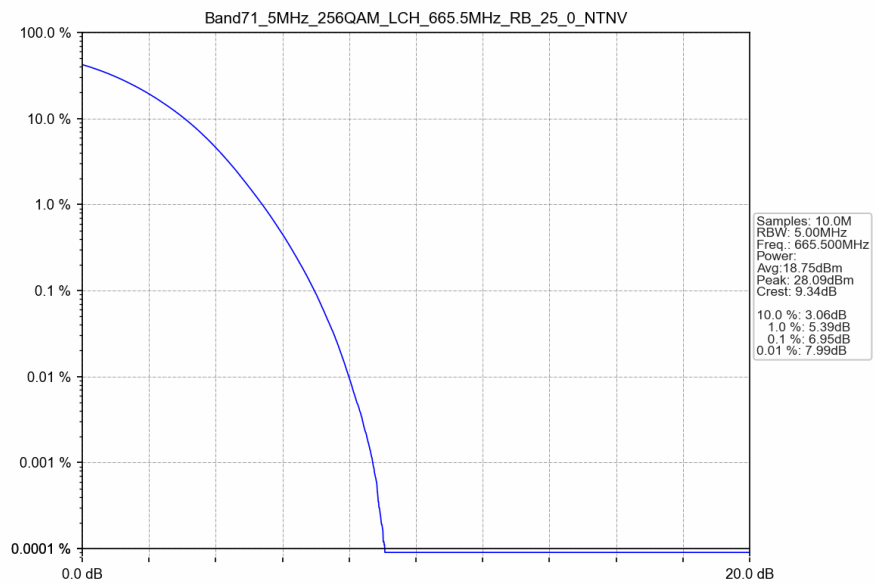
Band71_5MHz_64QAM_MCH_680.5MHz_RB_25_0_NTNV



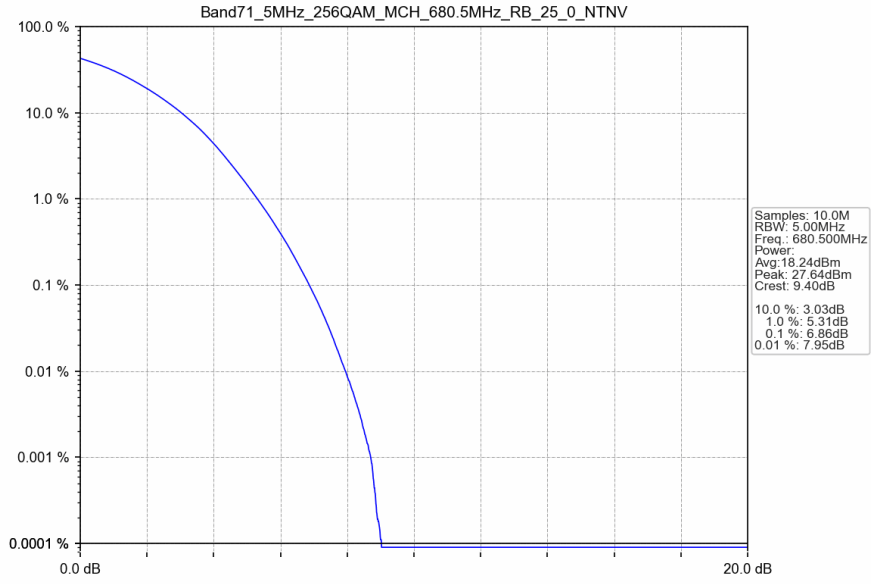
Band71_5MHz_64QAM_HCH_695.5MHz_RB_25_0_NTNV



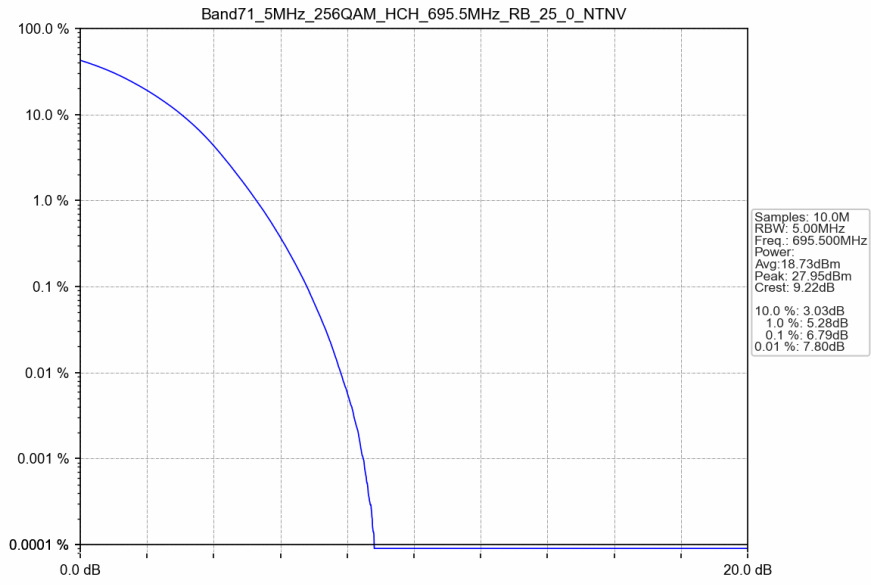
Band71_5MHz_256QAM_LCH_665.5MHz_RB_25_0_NTNV



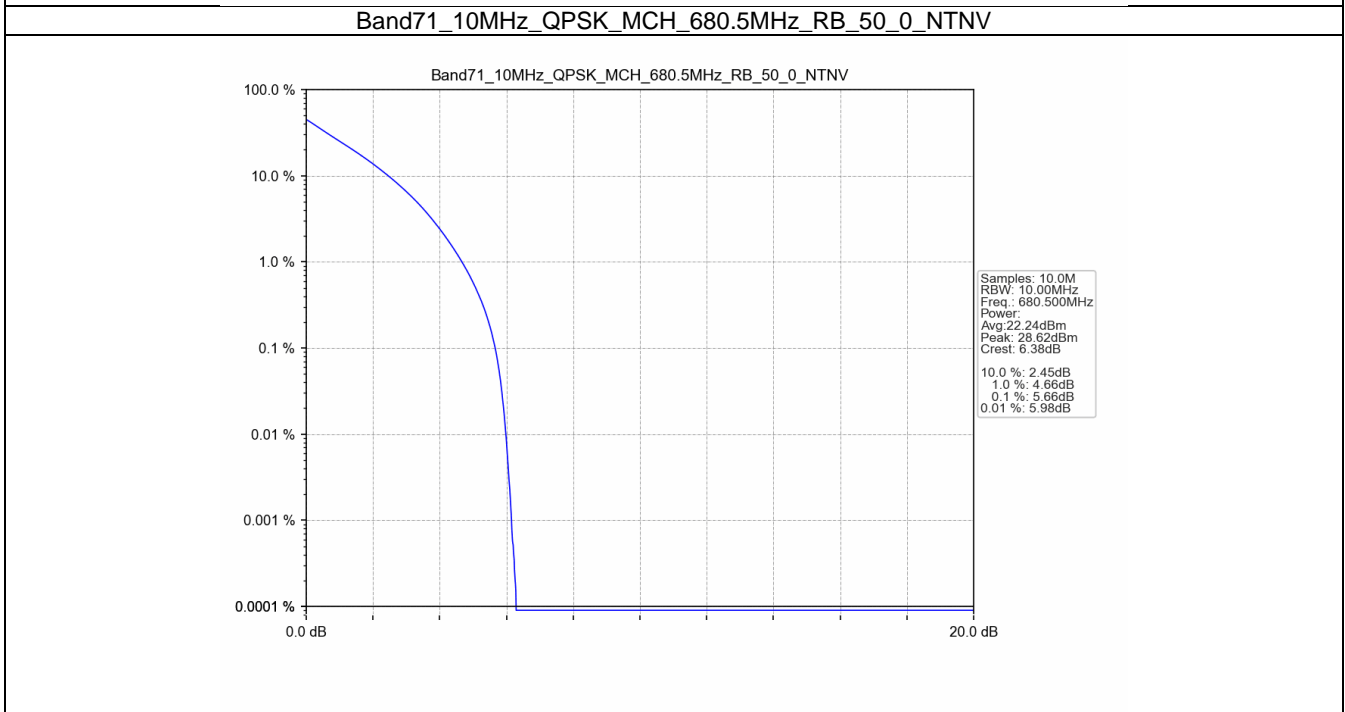
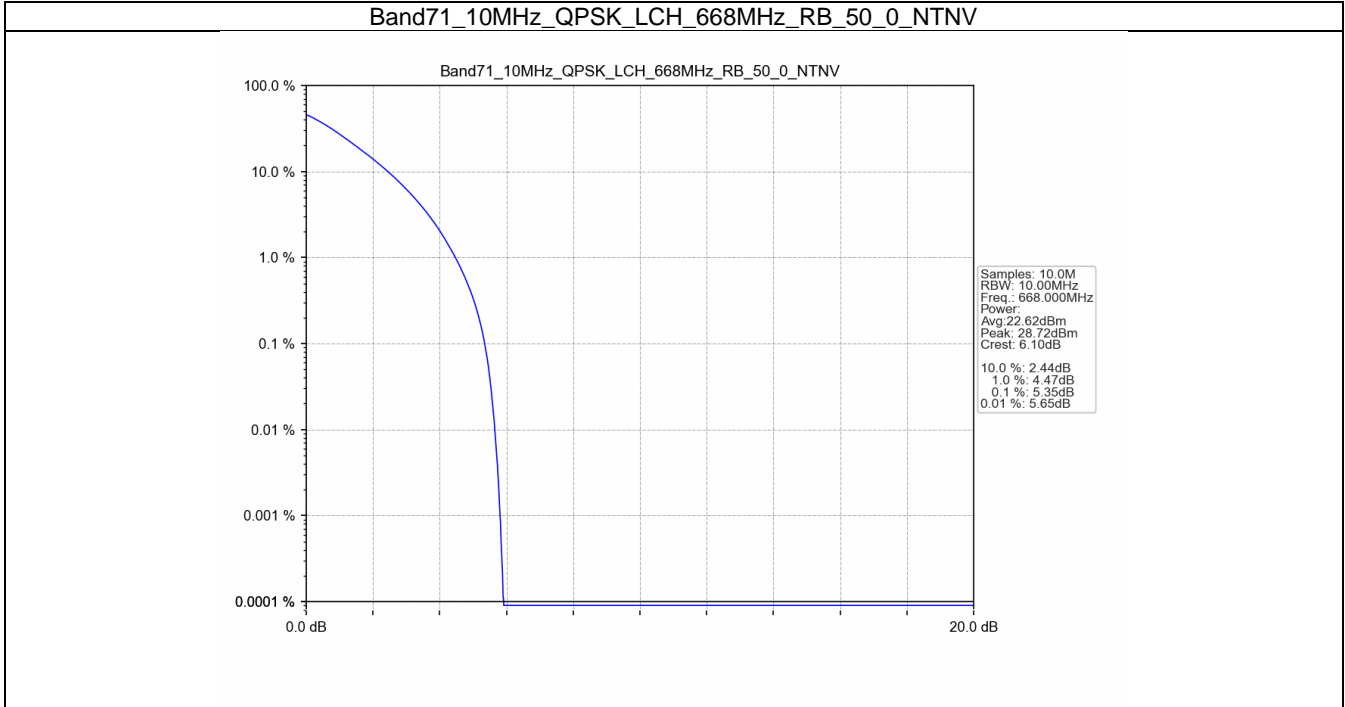
Band71_5MHz_256QAM_MCH_680.5MHz_RB_25_0_NTNV



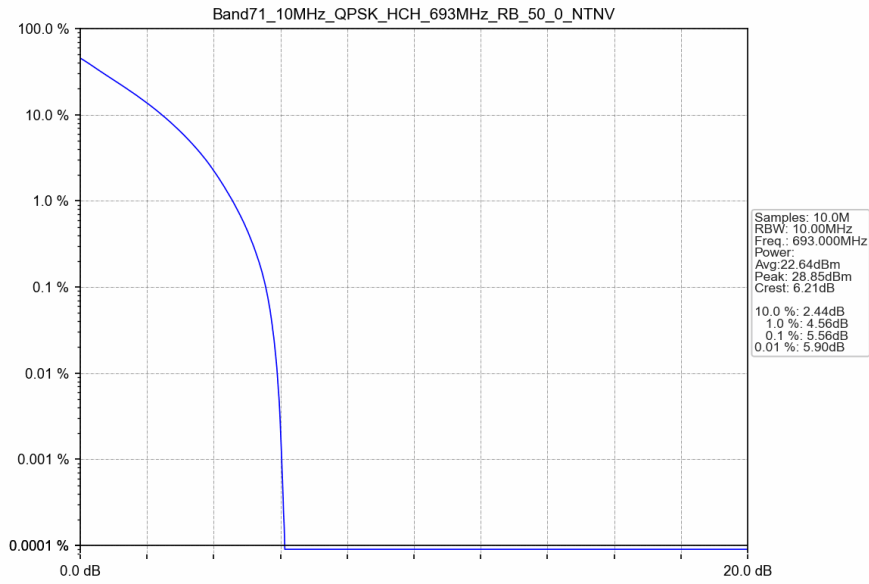
Band71_5MHz_256QAM_HCH_695.5MHz_RB_25_0_NTNV



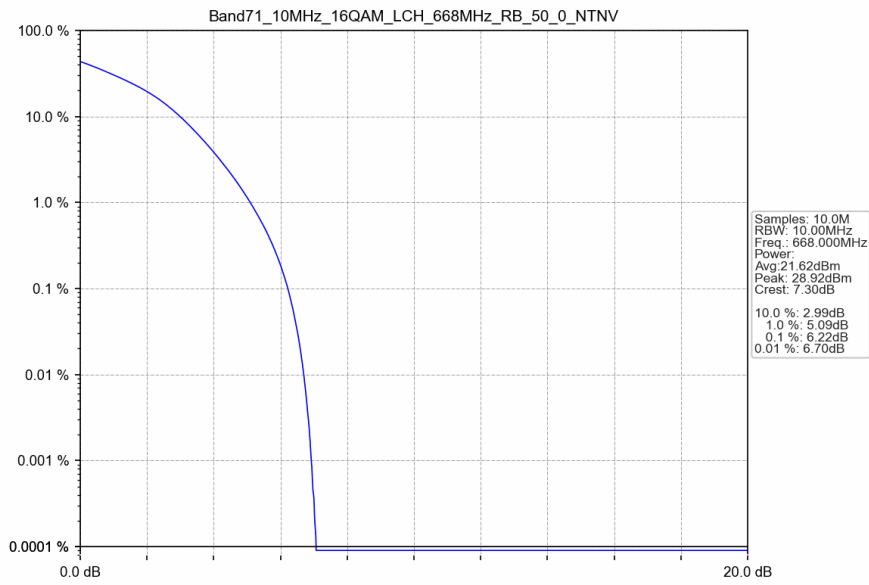
4.2.2 B71_10MHz



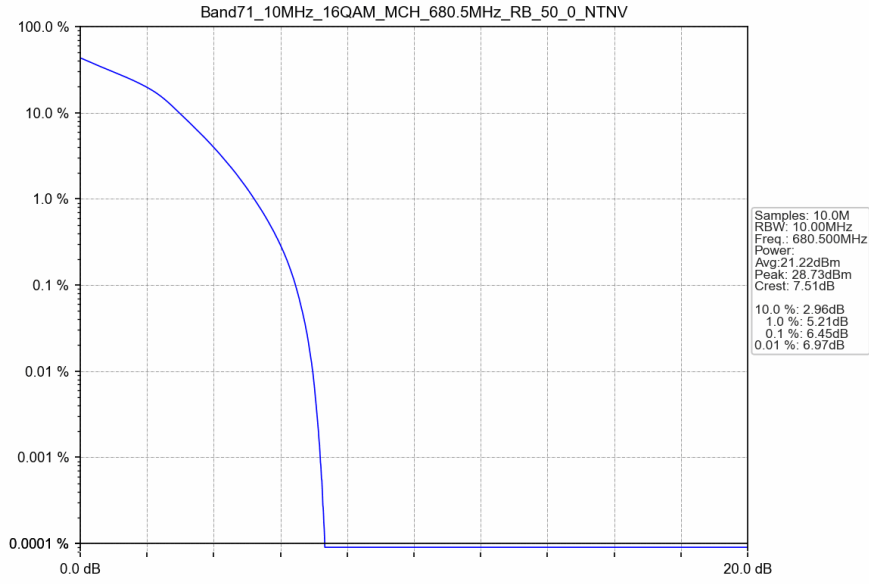
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



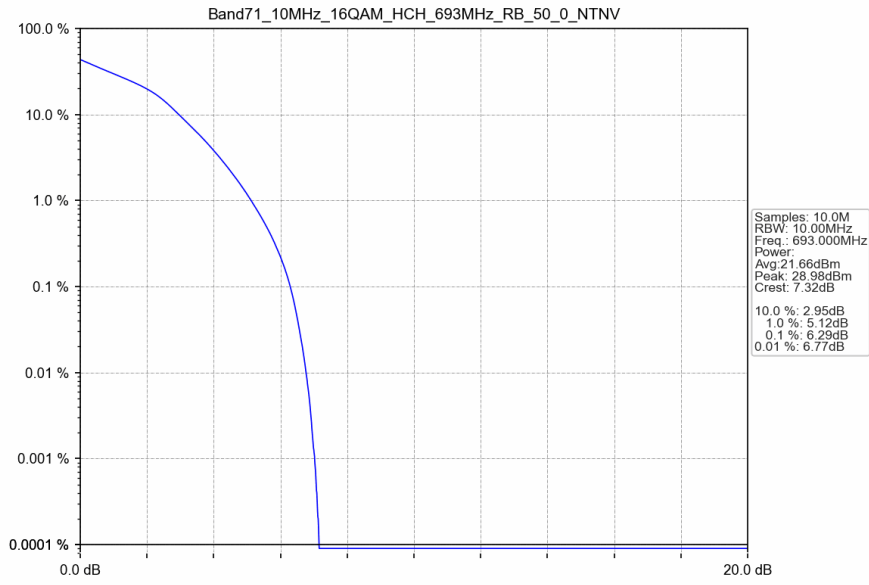
Band71_10MHz_16QAM_LCH_668MHz_RB_50_0_NTNV



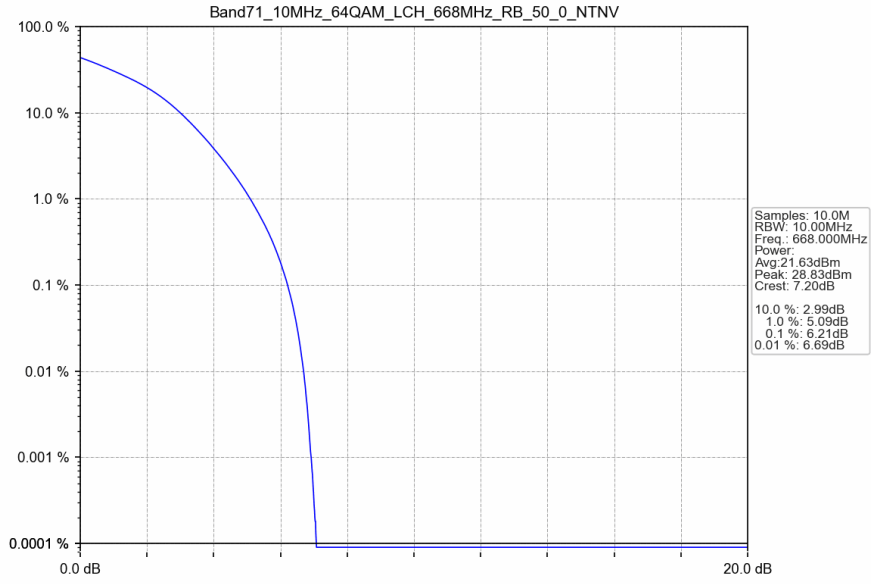
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



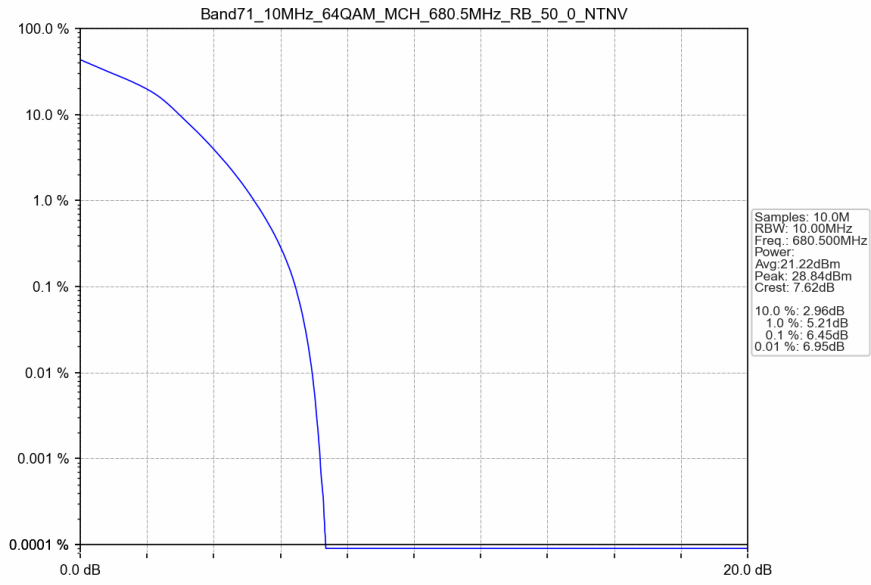
Band71_10MHz_16QAM_HCH_693MHz_RB_50_0_NTNV



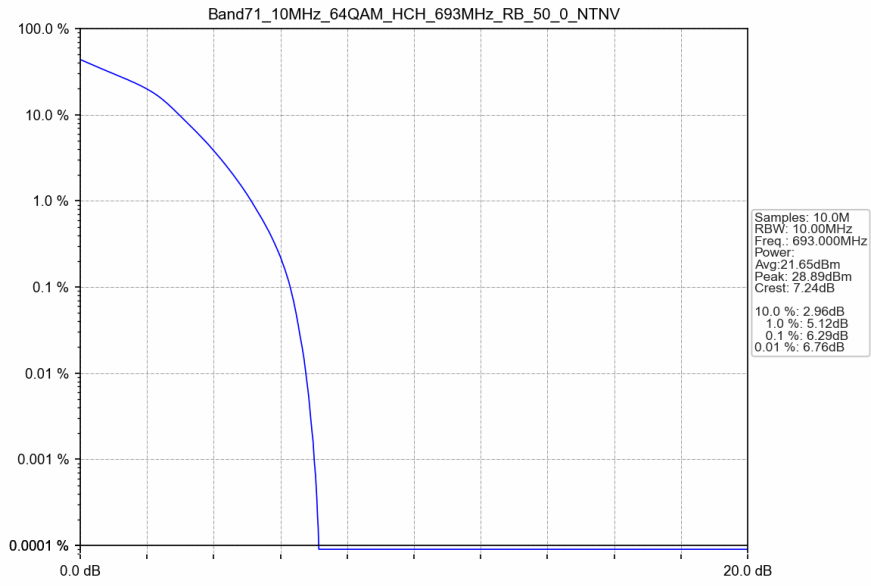
Band71_10MHz_64QAM_LCH_668MHz_RB_50_0_NTNV



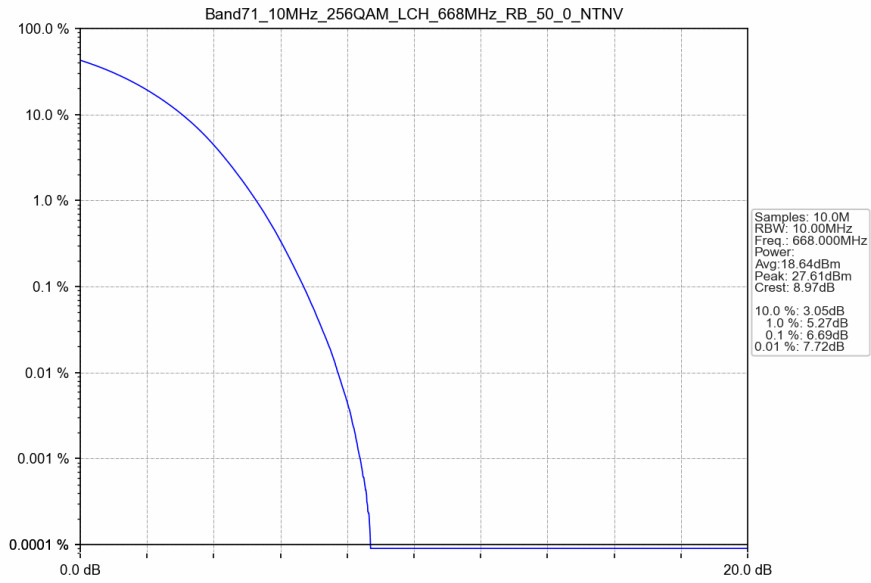
Band71_10MHz_64QAM_MCH_680.5MHz_RB_50_0_NTNV



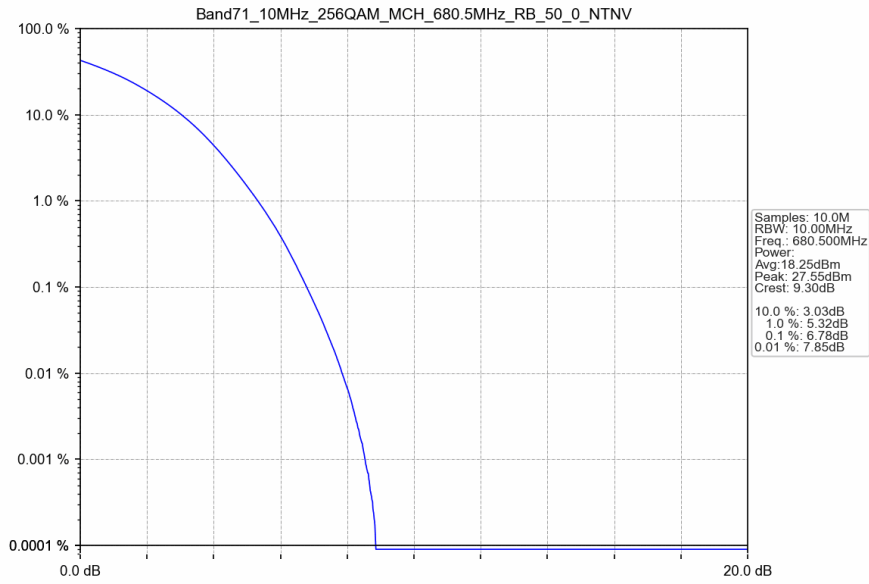
Band71_10MHz_64QAM_HCH_693MHz_RB_50_0_NTNV



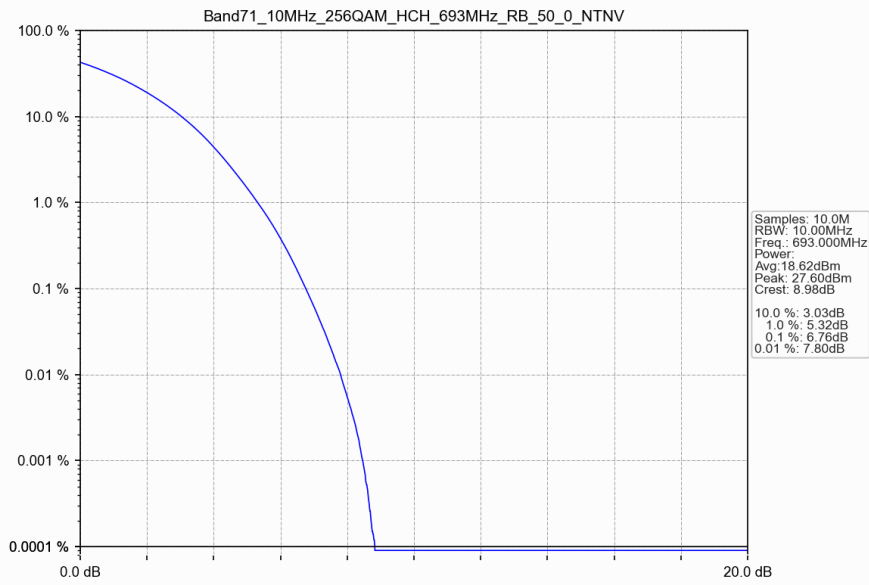
Band71_10MHz_256QAM_LCH_668MHz_RB_50_0_NTNV



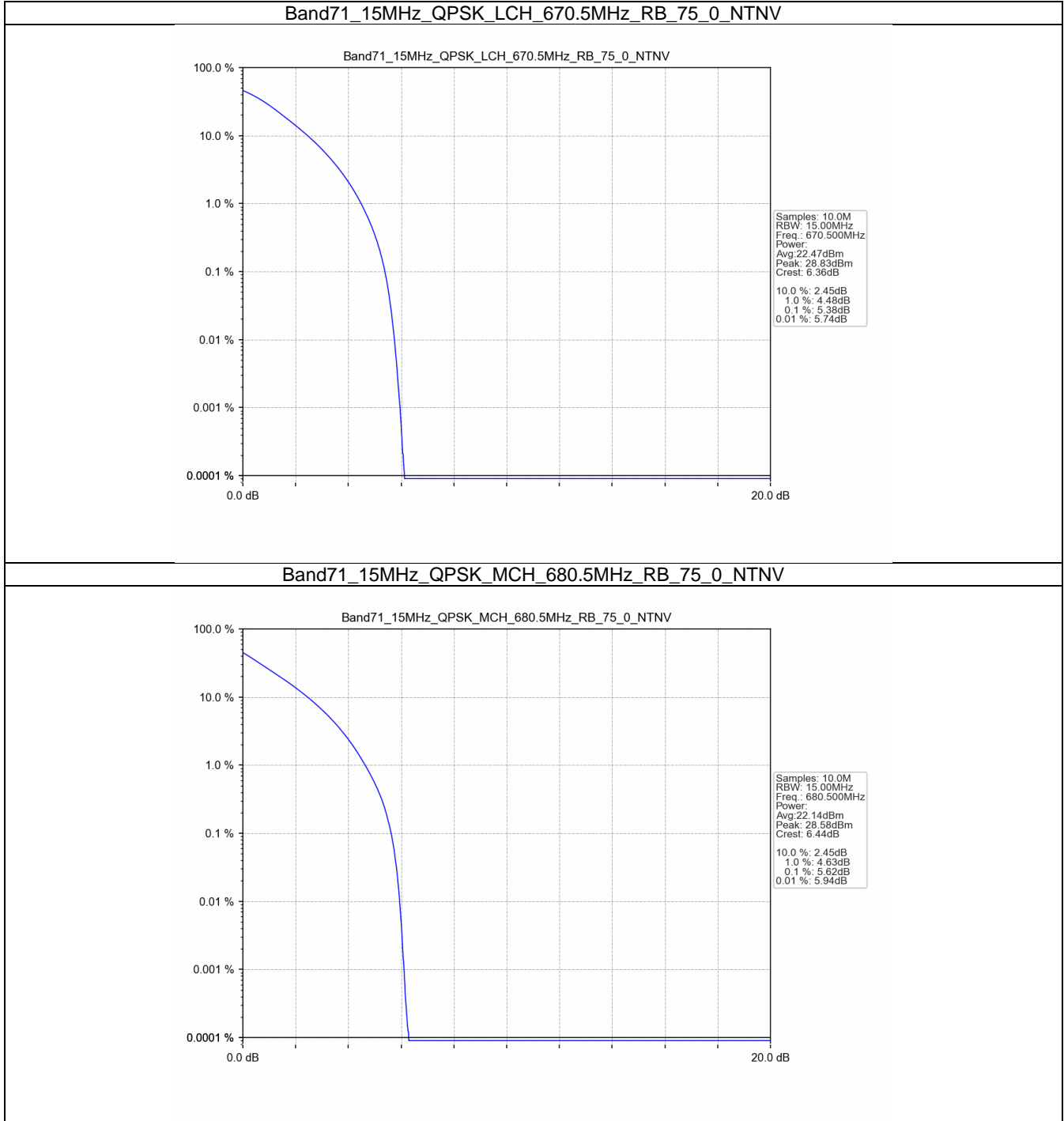
Band71_10MHz_256QAM_MCH_680.5MHz_RB_50_0_NTNV



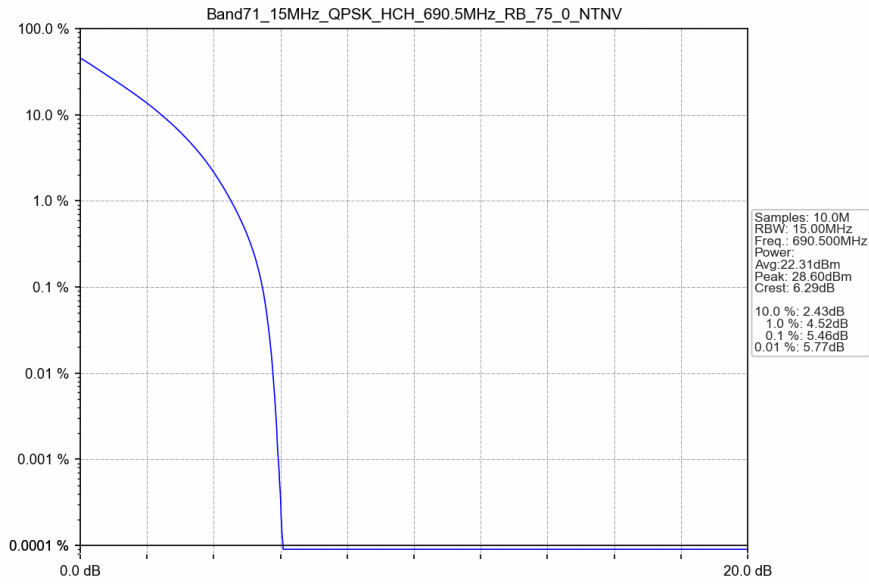
Band71_10MHz_256QAM_HCH_693MHz_RB_50_0_NTNV



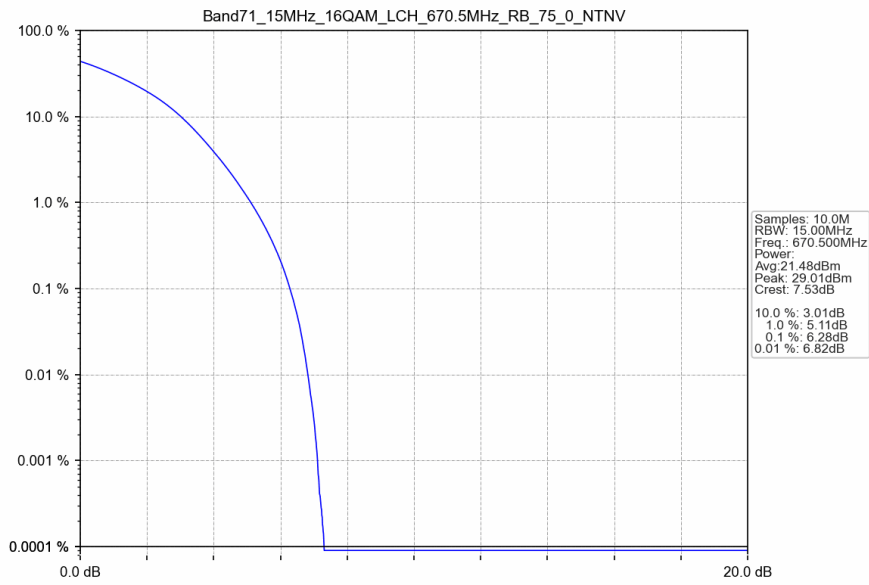
4.2.3 B71_15MHz



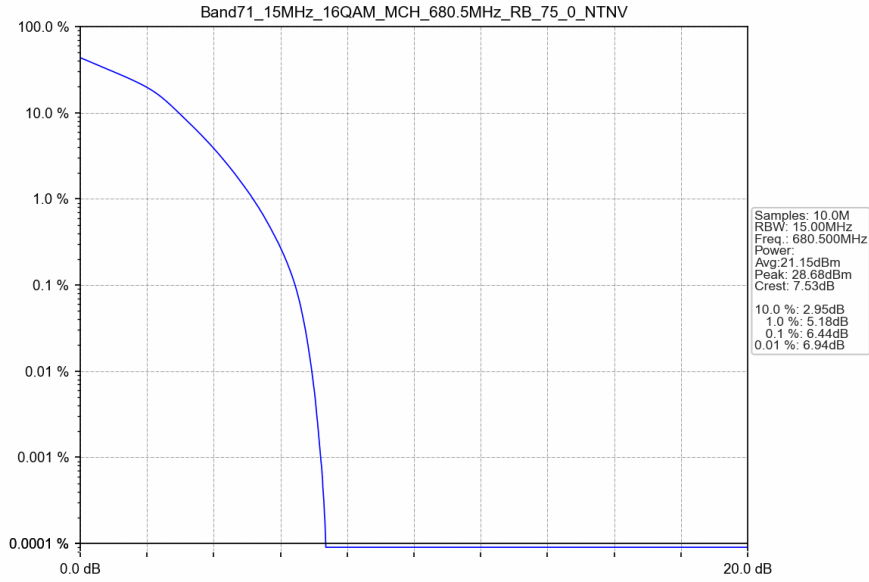
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



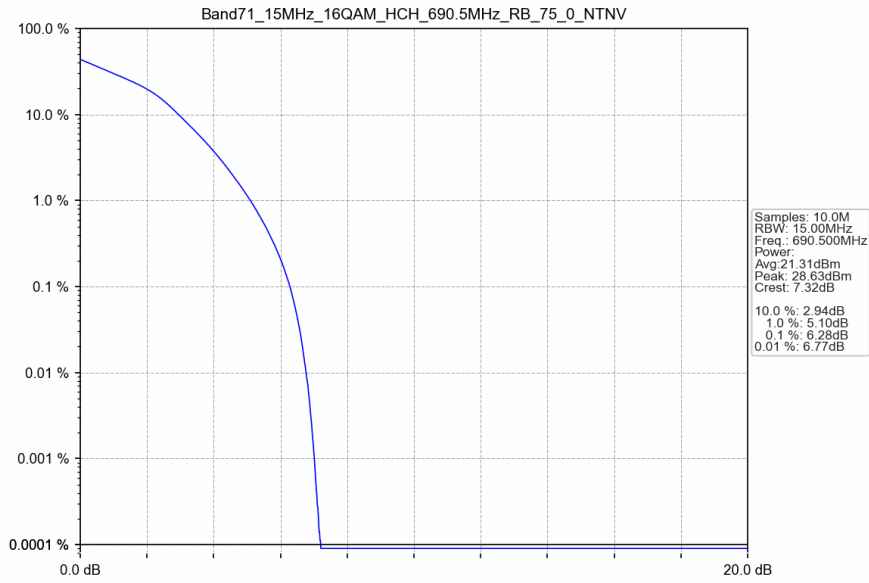
Band71_15MHz_16QAM_LCH_670.5MHz_RB_75_0_NTNV



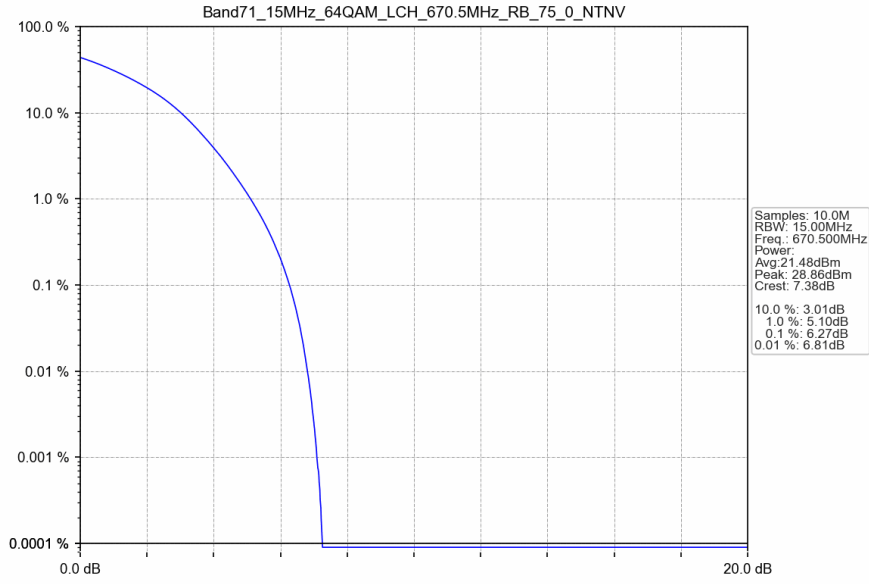
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



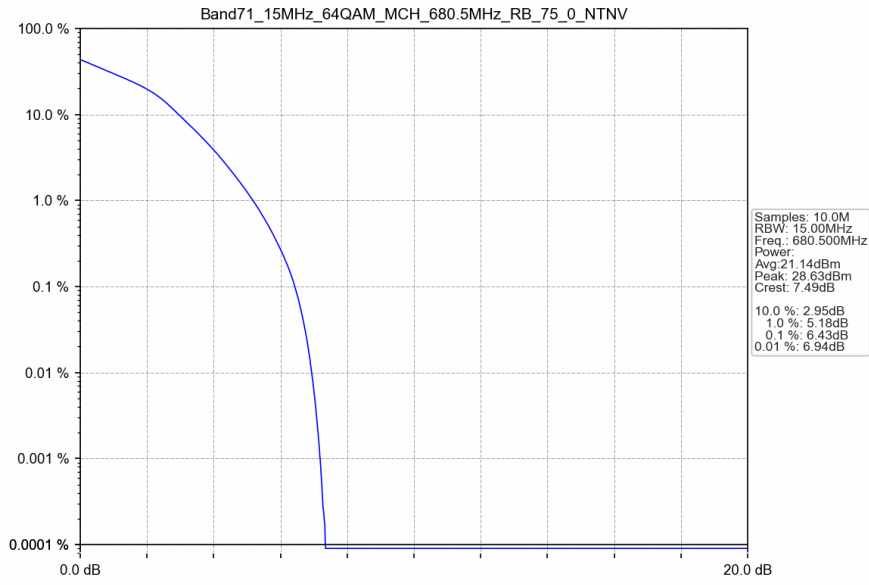
Band71_15MHz_16QAM_HCH_690.5MHz_RB_75_0_NTNV



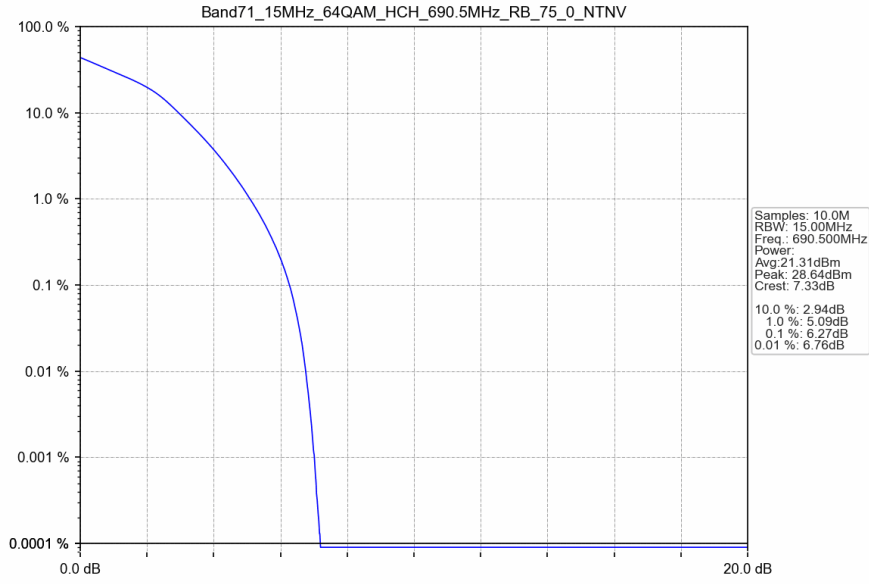
Band71_15MHz_64QAM_LCH_670.5MHz_RB_75_0_NTNV



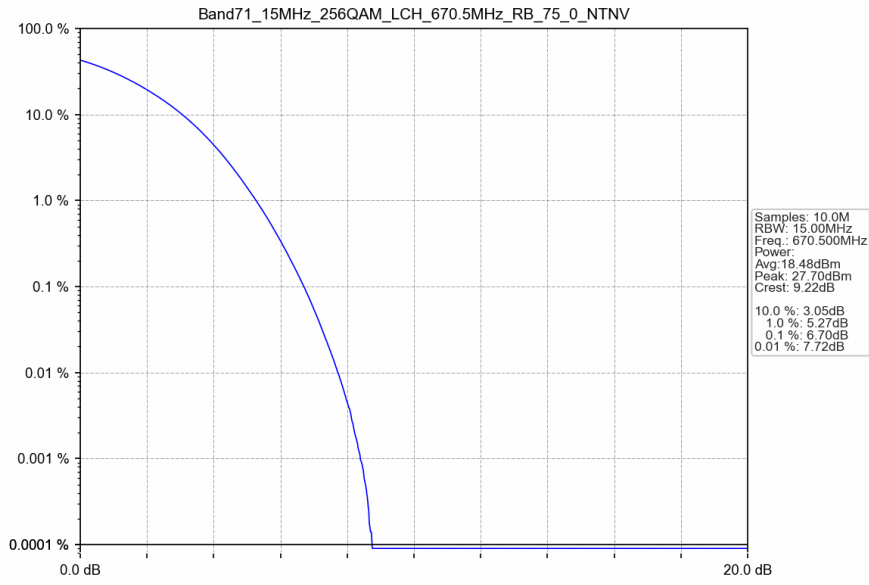
Band71_15MHz_64QAM_MCH_680.5MHz_RB_75_0_NTNV



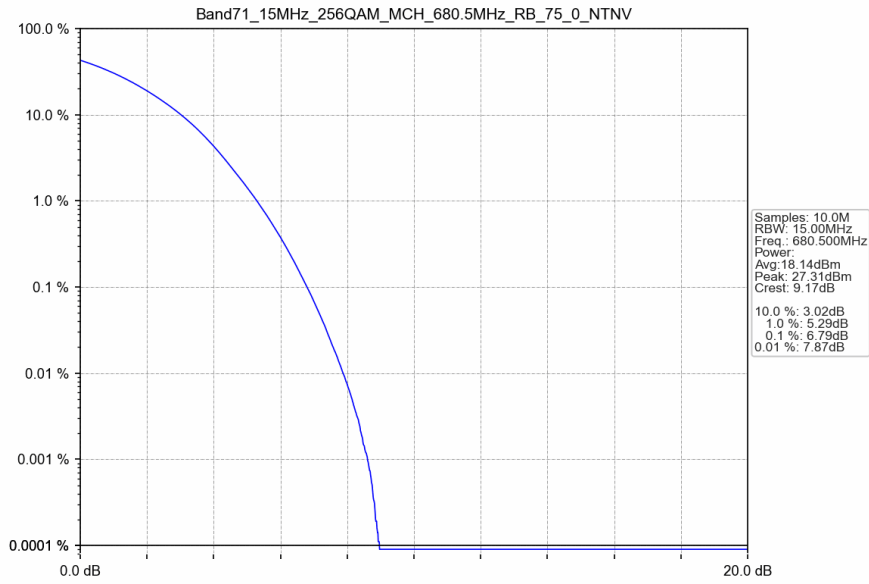
Band71_15MHz_64QAM_HCH_690.5MHz_RB_75_0_NTNV



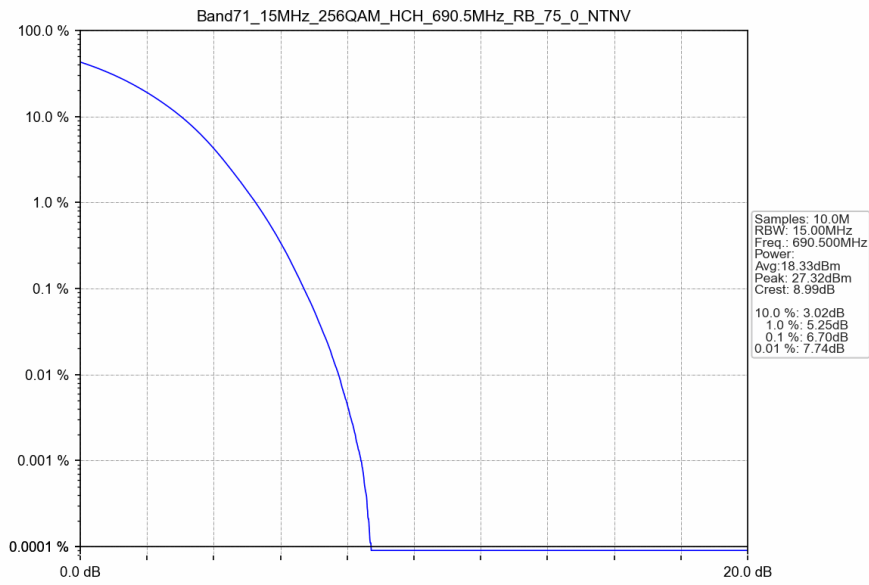
Band71_15MHz_256QAM_LCH_670.5MHz_RB_75_0_NTNV



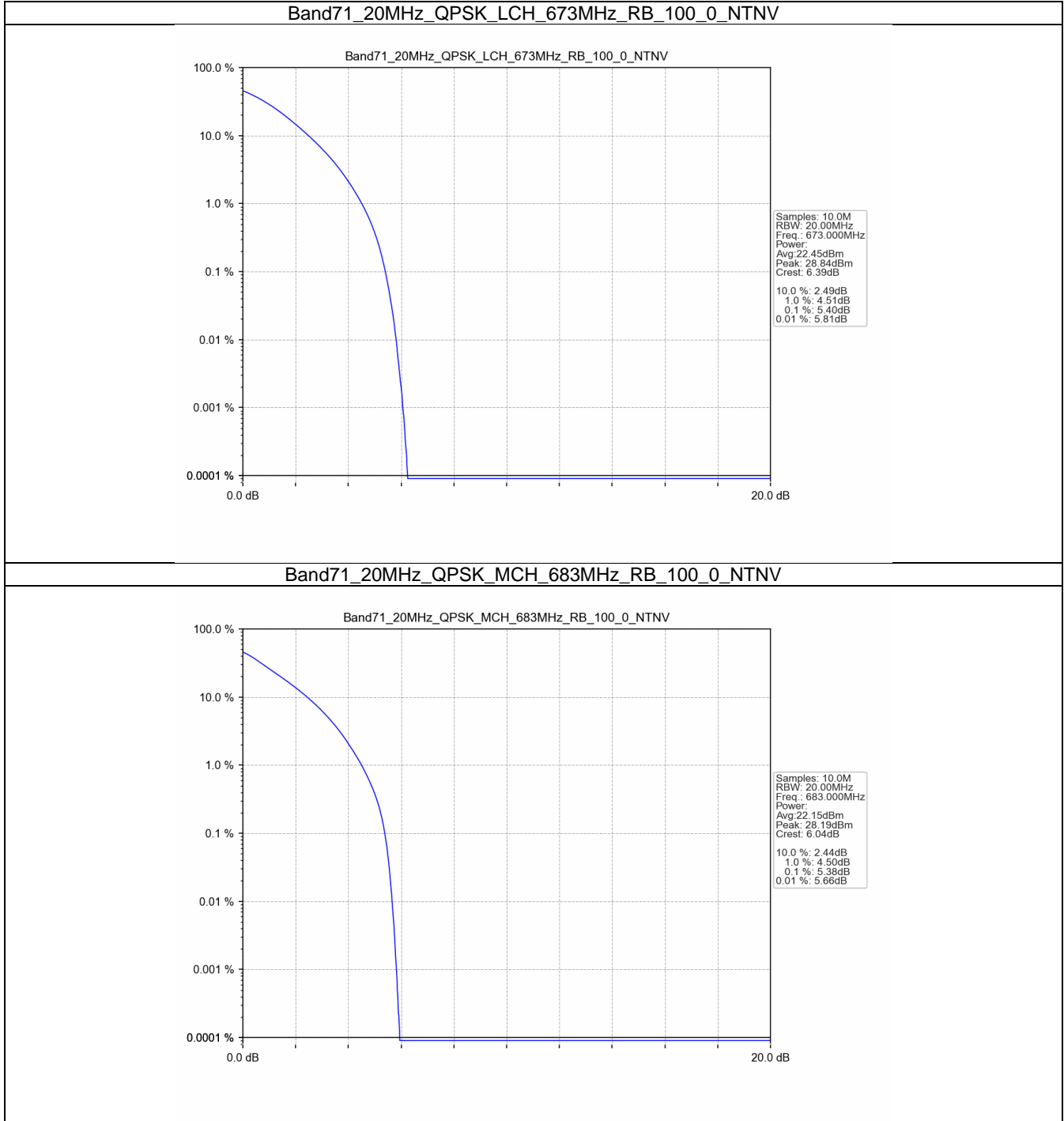
Band71_15MHz_256QAM_MCH_680.5MHz_RB_75_0_NTNV



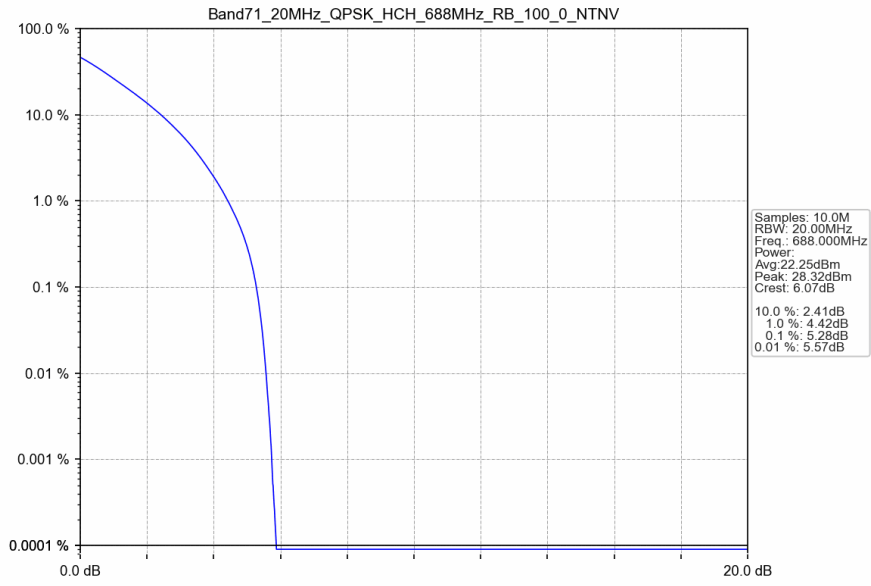
Band71_15MHz_256QAM_HCH_690.5MHz_RB_75_0_NTNV



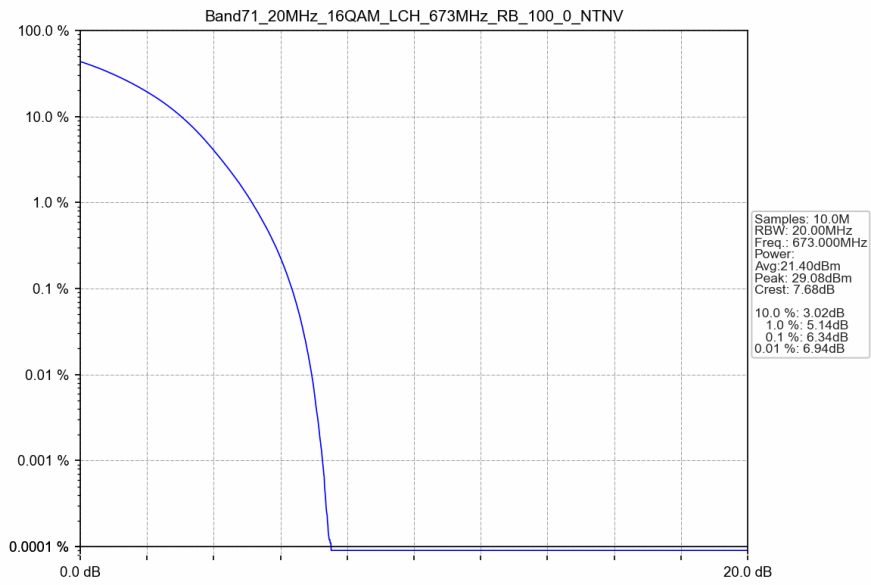
4.2.4 B71_20MHz



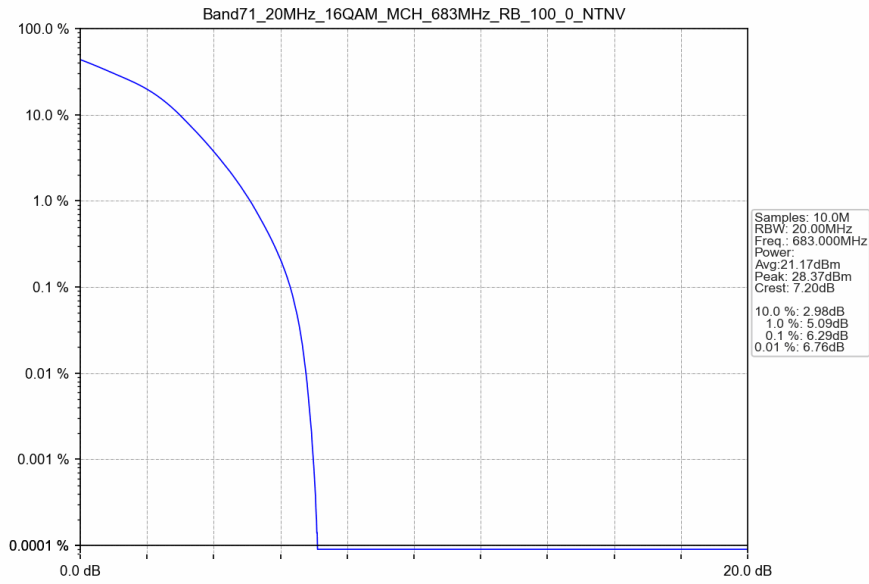
Band71_20MHz_QPSK_HCH_688MHz_RB_100_0_NTNV



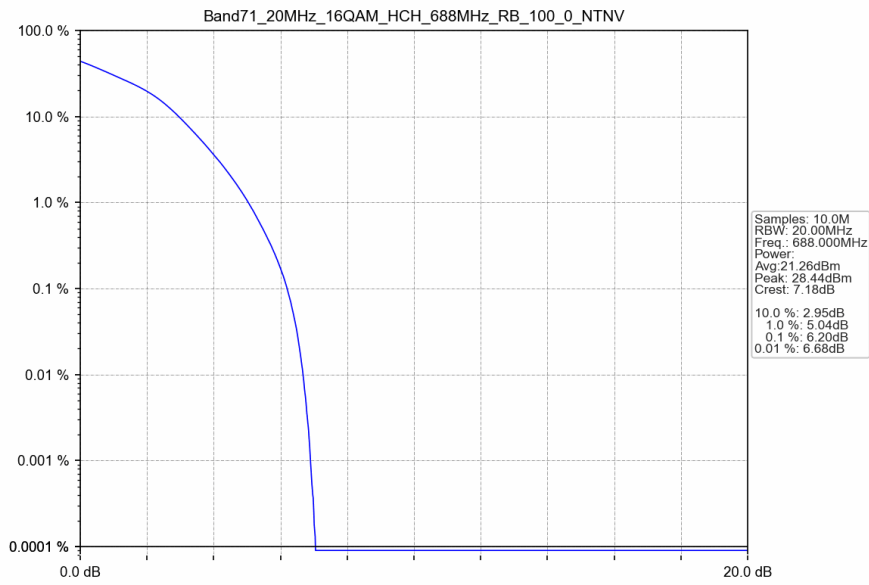
Band71_20MHz_16QAM_LCH_673MHz_RB_100_0_NTNV



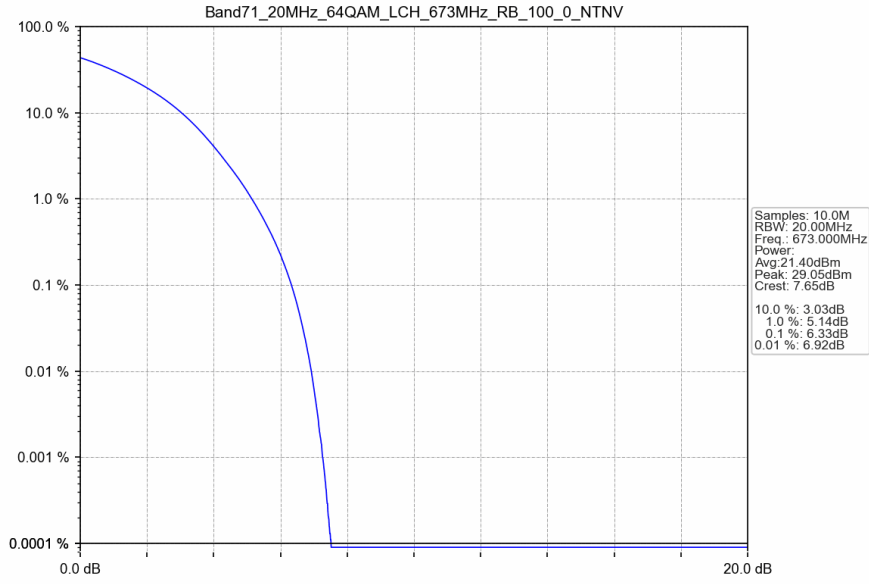
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



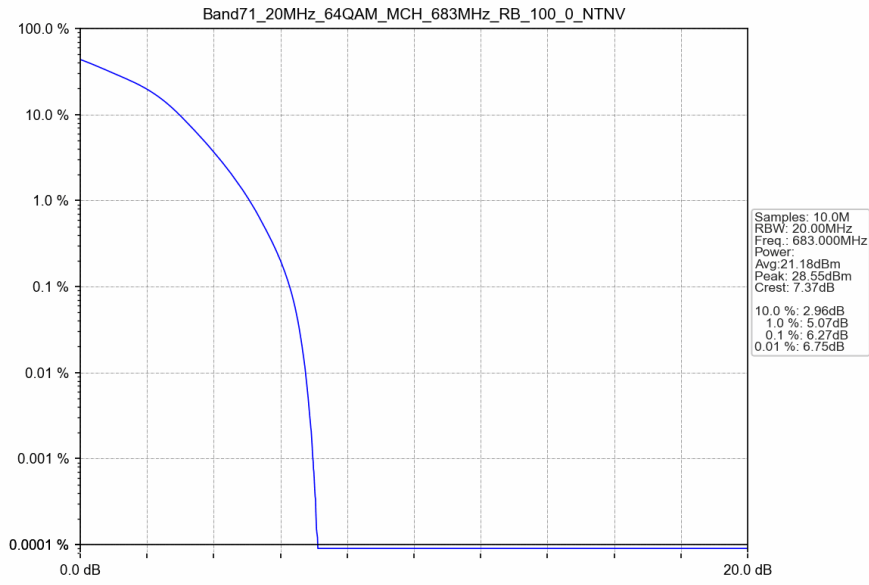
Band71_20MHz_16QAM_HCH_688MHz_RB_100_0_NTNV



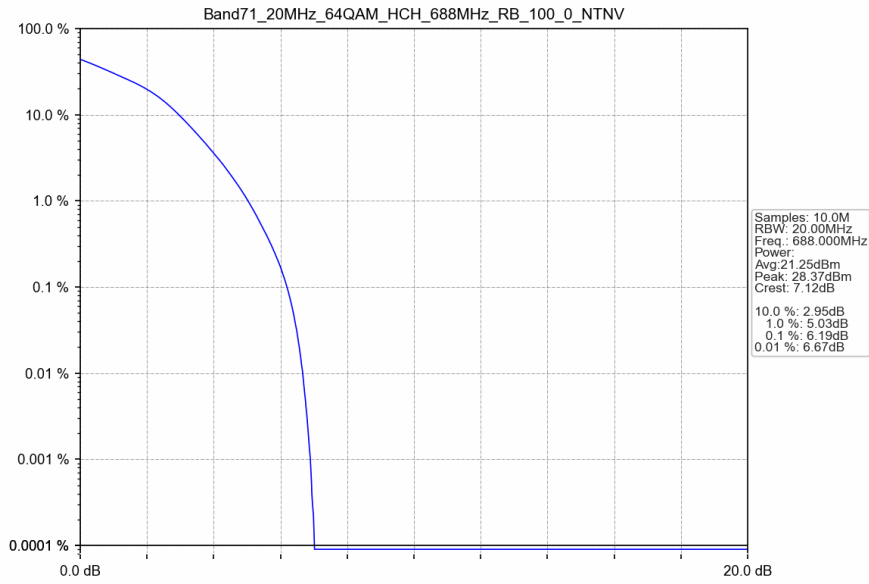
Band71_20MHz_64QAM_LCH_673MHz_RB_100_0_NTNV



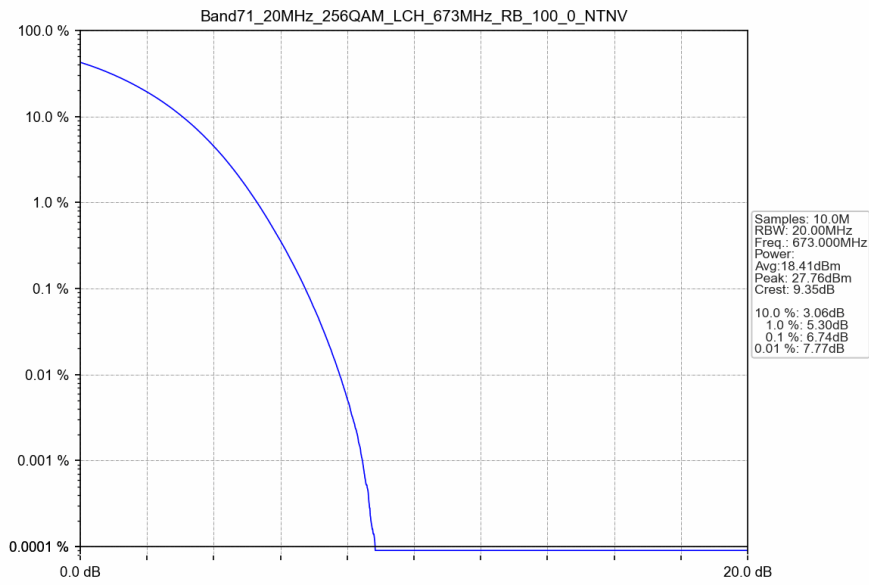
Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



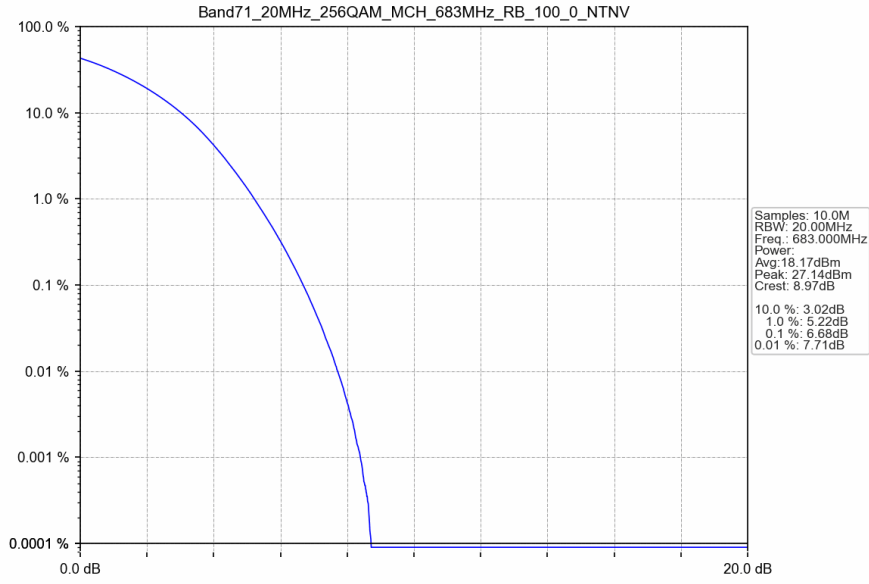
Band71_20MHz_64QAM_HCH_688MHz_RB_100_0_NTNV



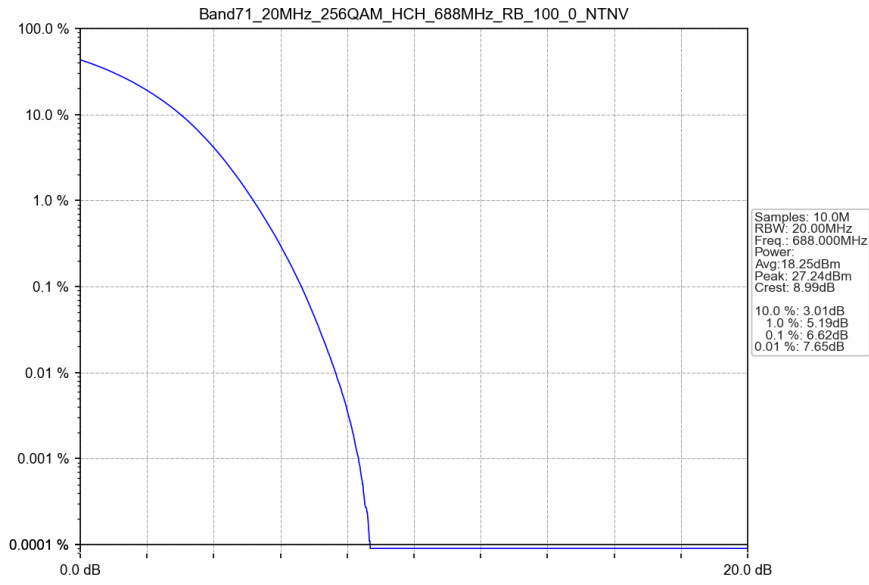
Band71_20MHz_256QAM_LCH_673MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_HCH_688MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		695.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		693	1	0	Refer To Test Graph	
				49	Refer To Test Graph	
			50	0	Refer To Test Graph	

5.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		690.5	1	0	Refer To Test Graph	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	

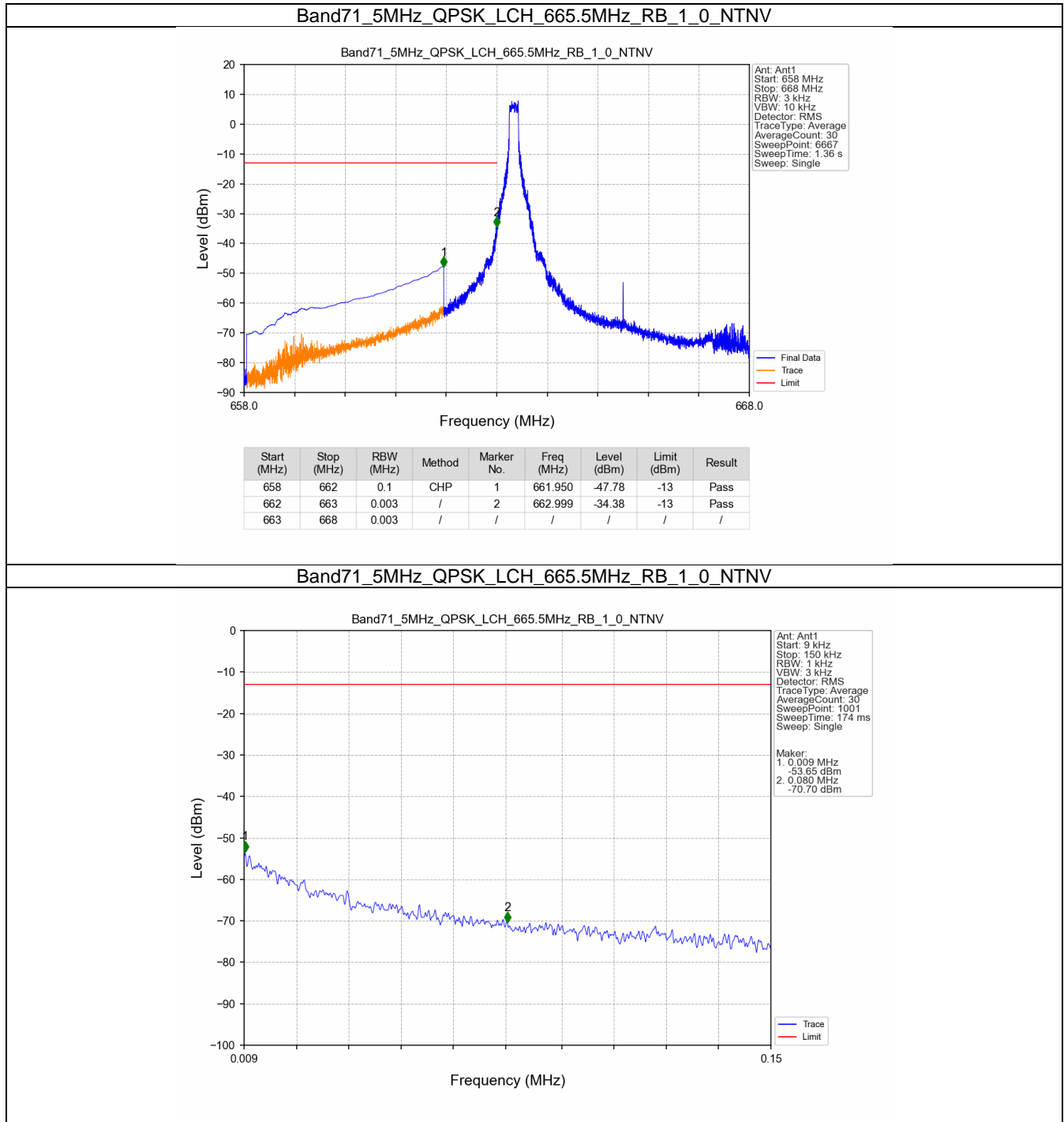
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass

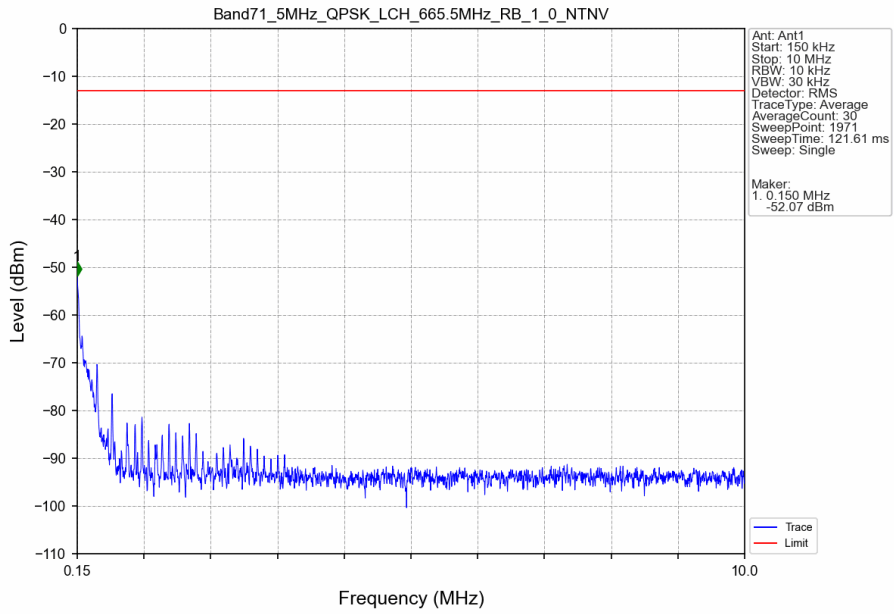
	688	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

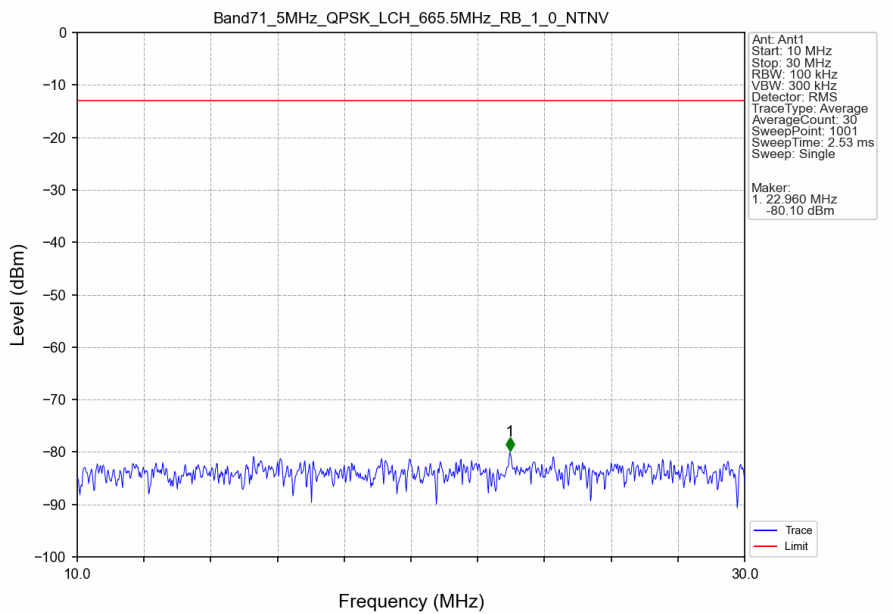
5.2.1 B71_5MHz



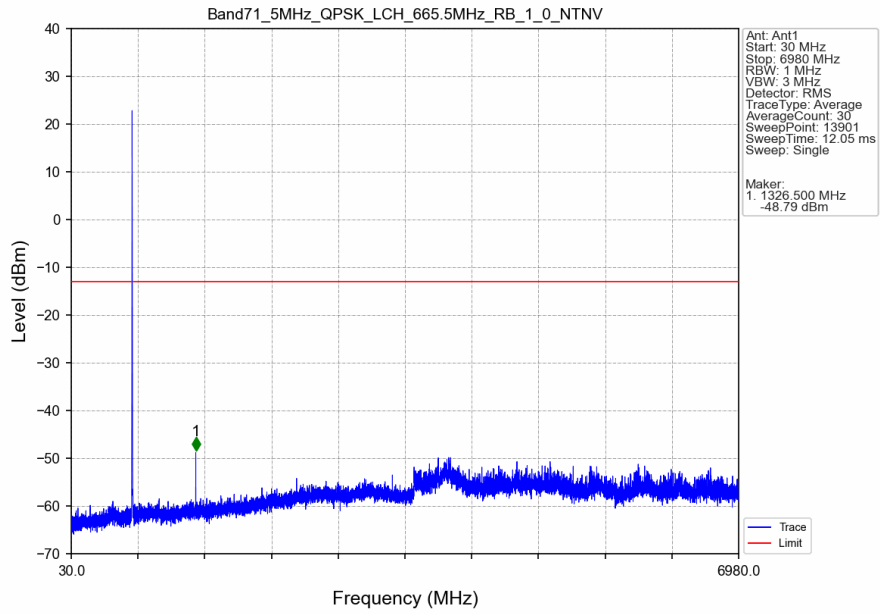
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



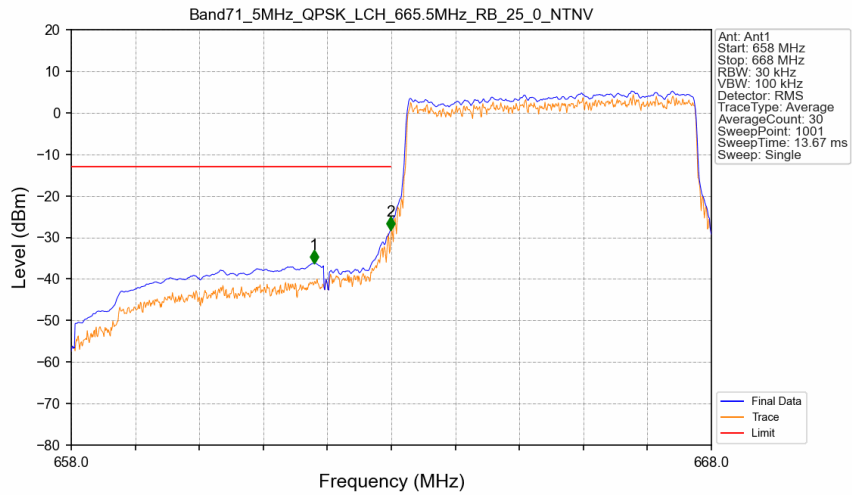
Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

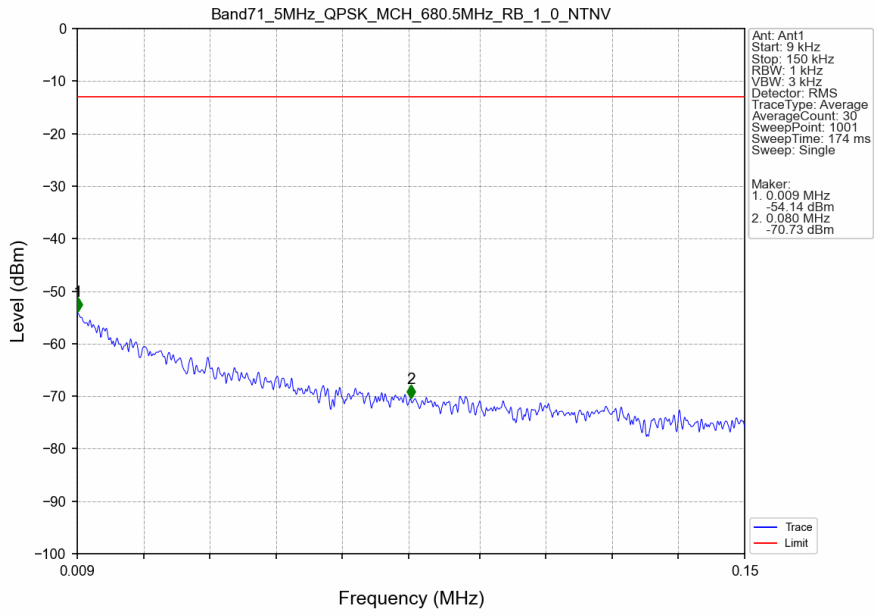


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

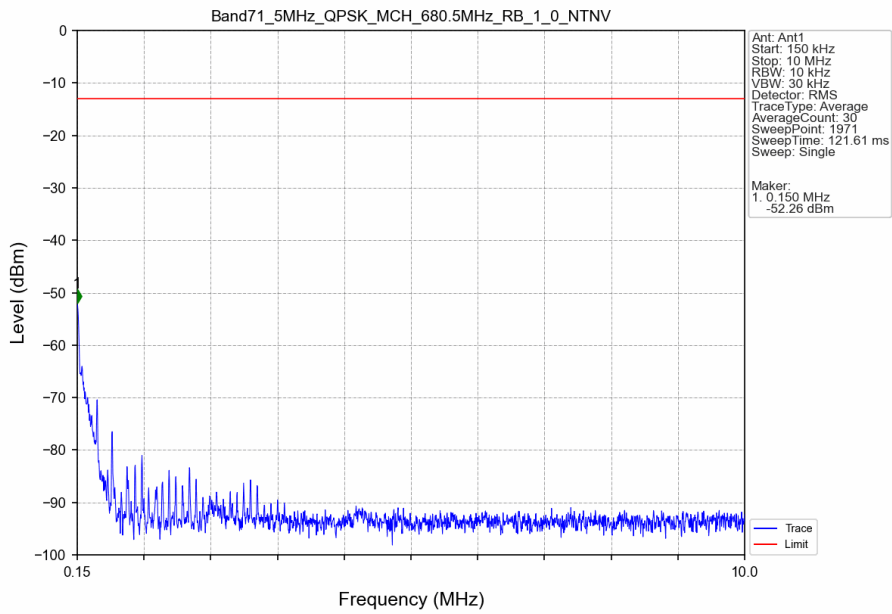


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	661.790	-36.19	-13	Pass
662	663	0.052	CHP	2	662.990	-28.20	-13	Pass
663	668	0.052	CHP	/	/	/	/	/

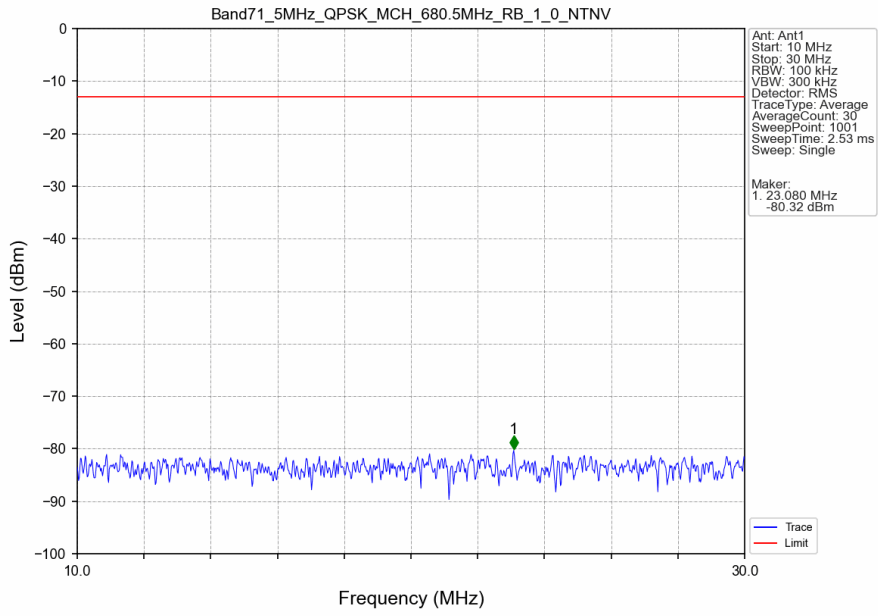
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



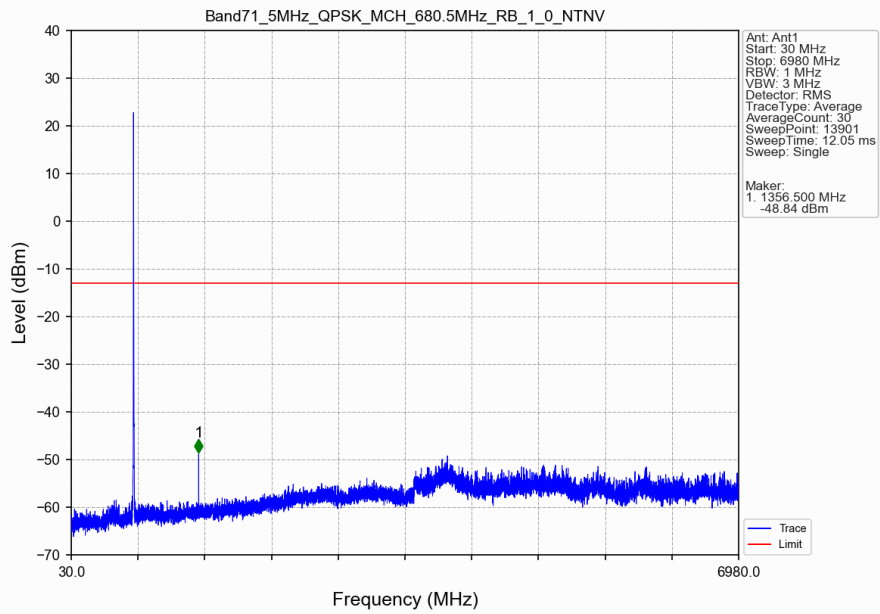
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



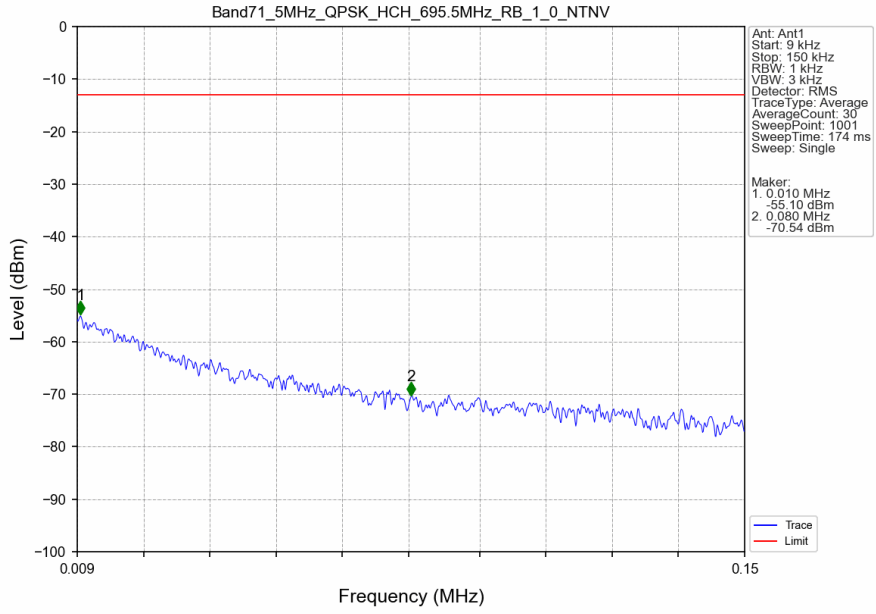
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



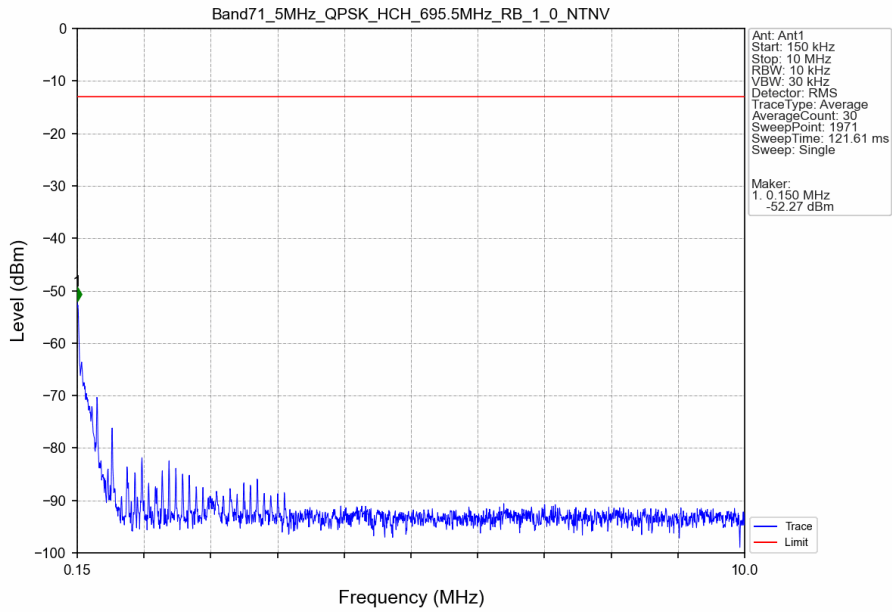
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



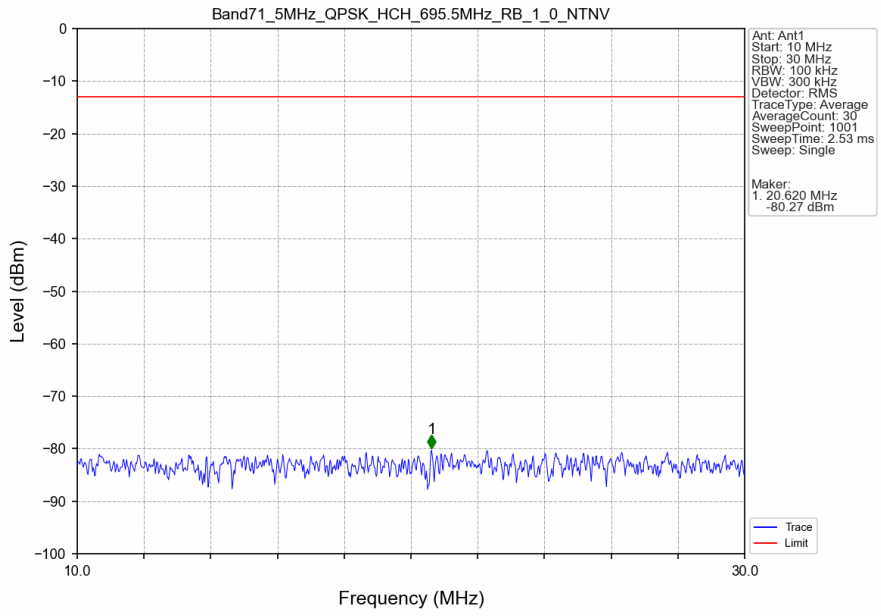
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV



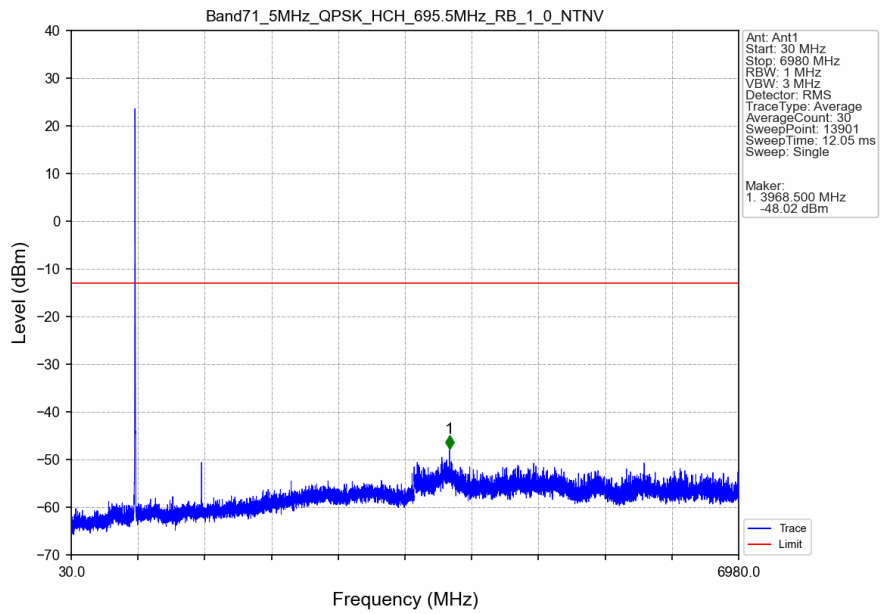
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV



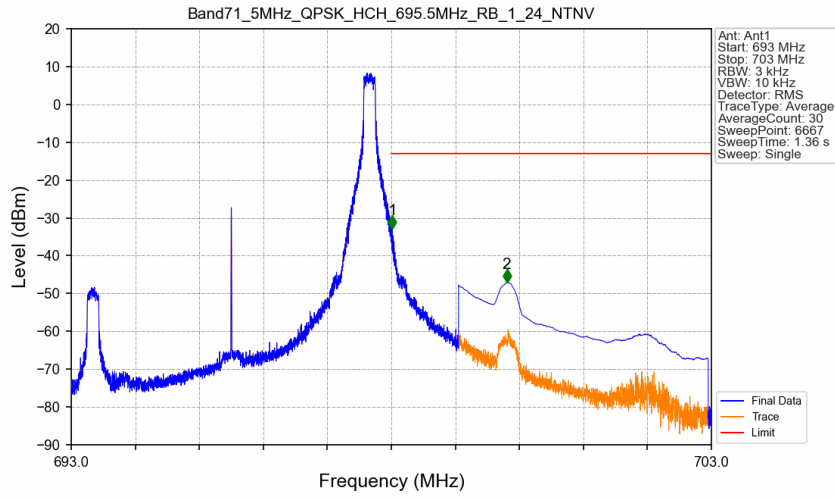
Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

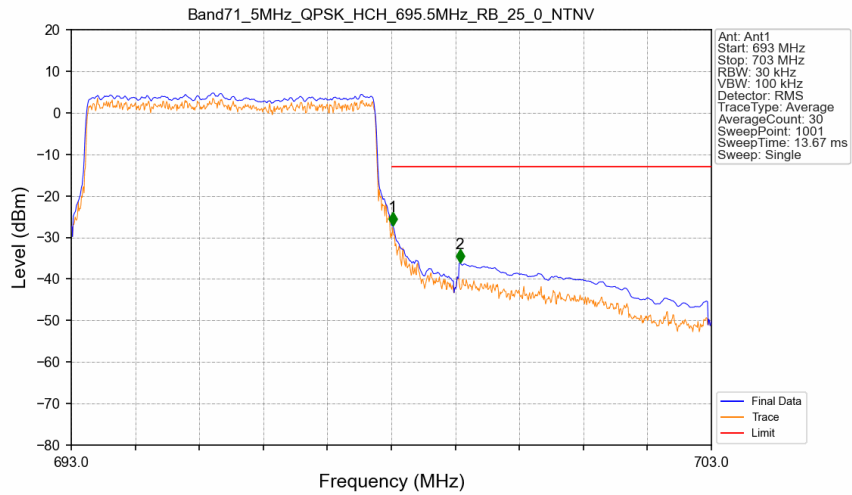


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



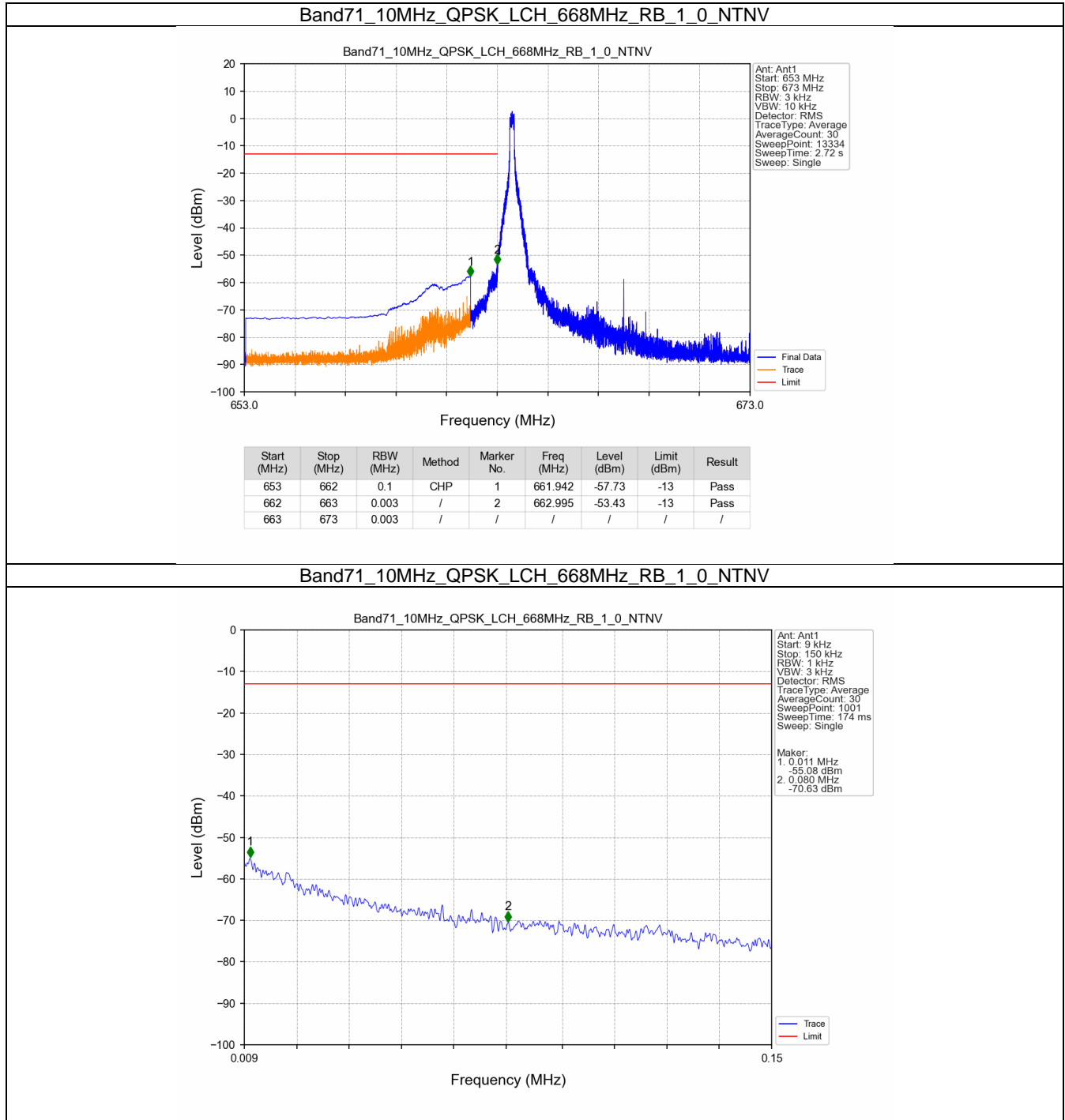
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	/	/	/	/	/
698	699	0.003	/	1	698.014	-32.84	-13	Pass
699	703	0.1	CHP	2	699.805	-47.10	-13	Pass

Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV

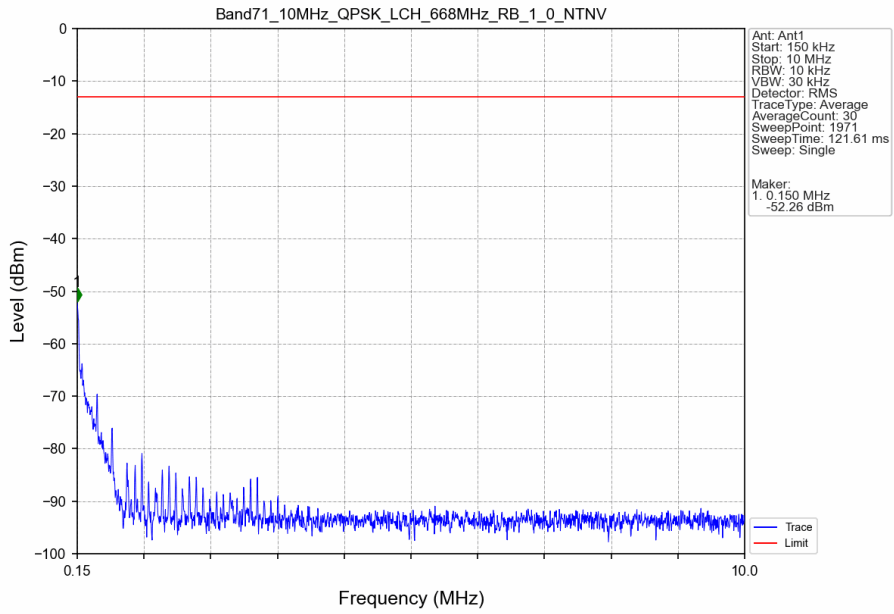


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.052	CHP	/	/	/	/	/
698	699	0.052	CHP	1	698.020	-27.15	-13	Pass
699	703	0.1	CHP	2	699.070	-36.13	-13	Pass

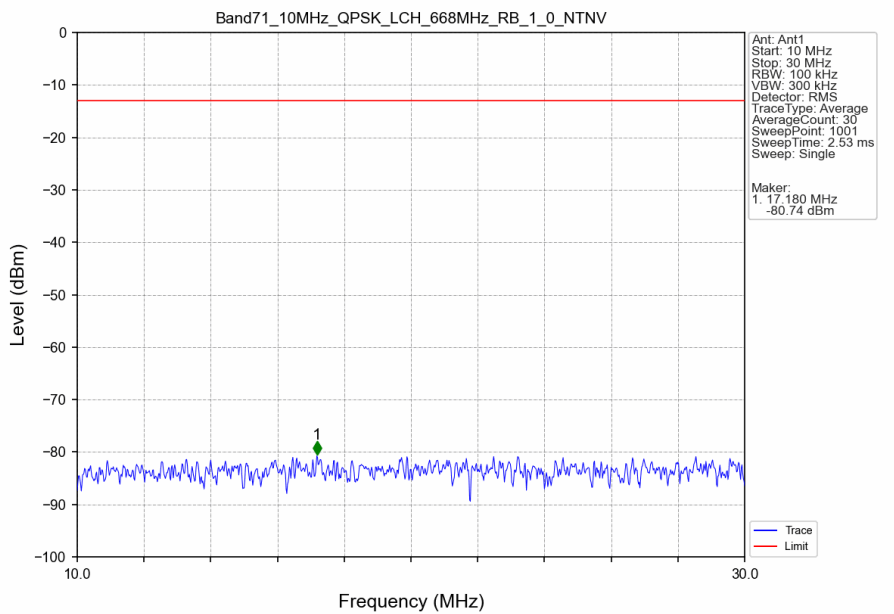
5.2.2 B71_10MHz



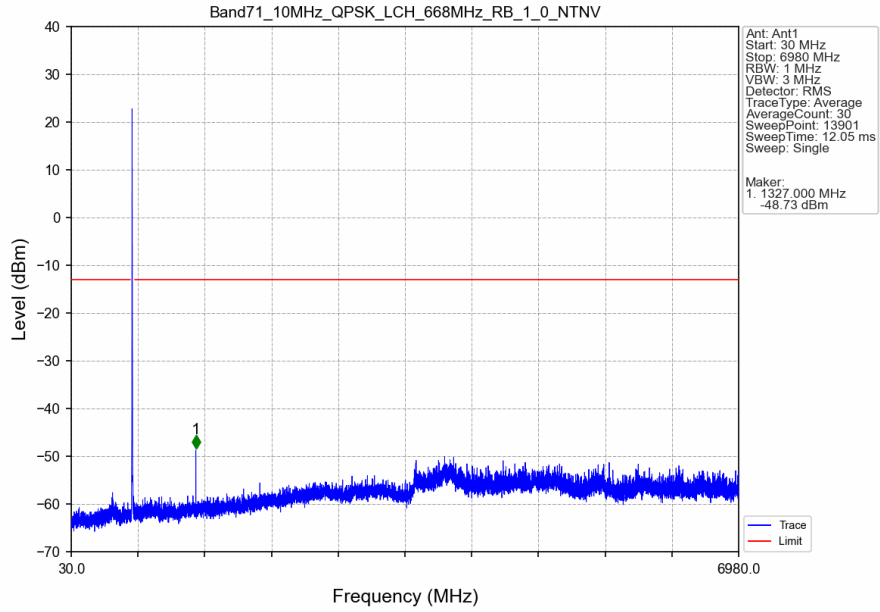
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



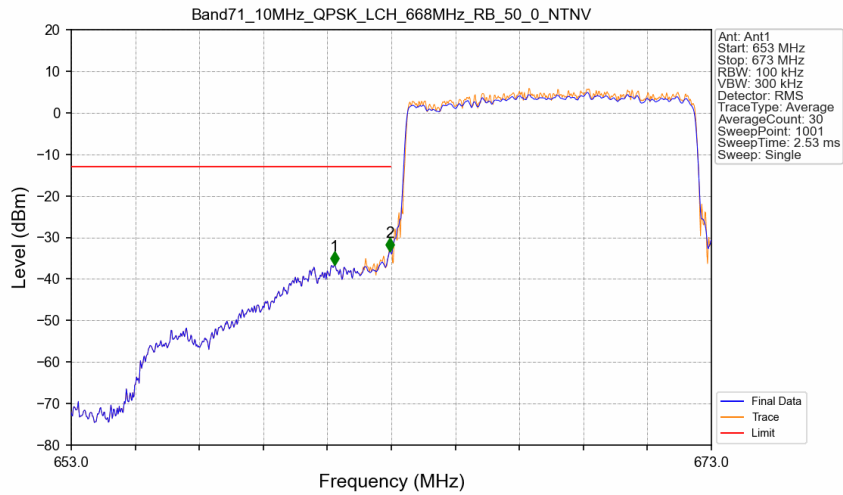
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

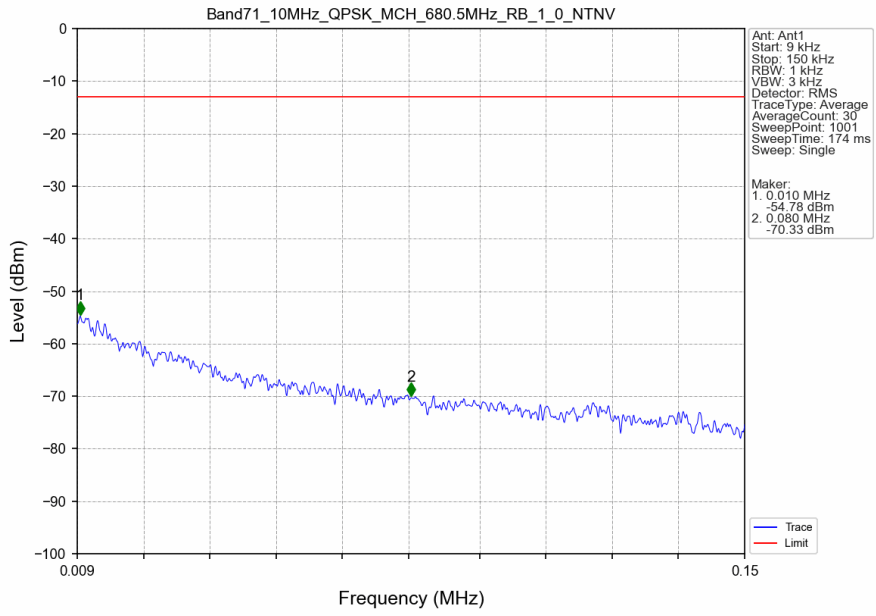


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

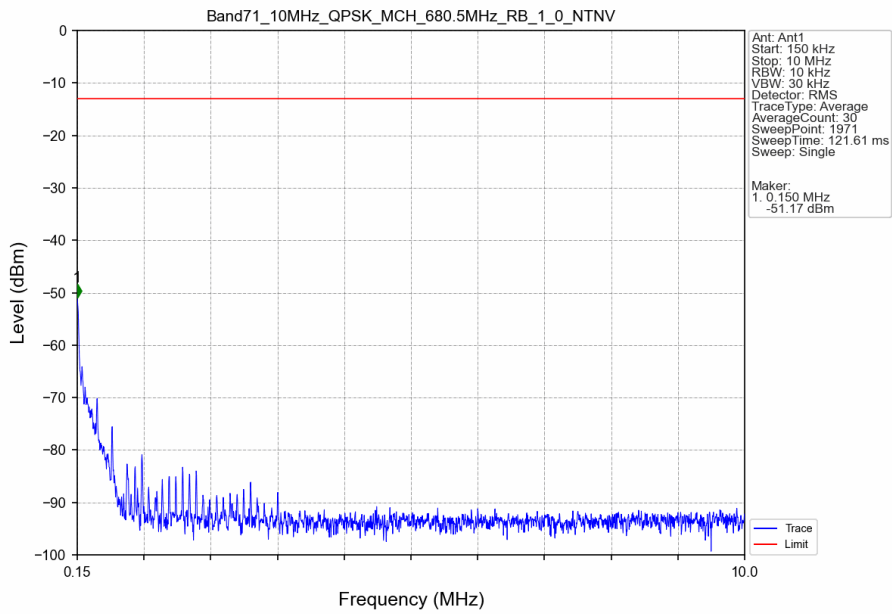


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662	0.1	/	1	661.220	-36.64	-13	Pass
662	663	0.101	CHP	2	662.960	-33.23	-13	Pass
663	673	0.101	CHP	/	/	/	/	/

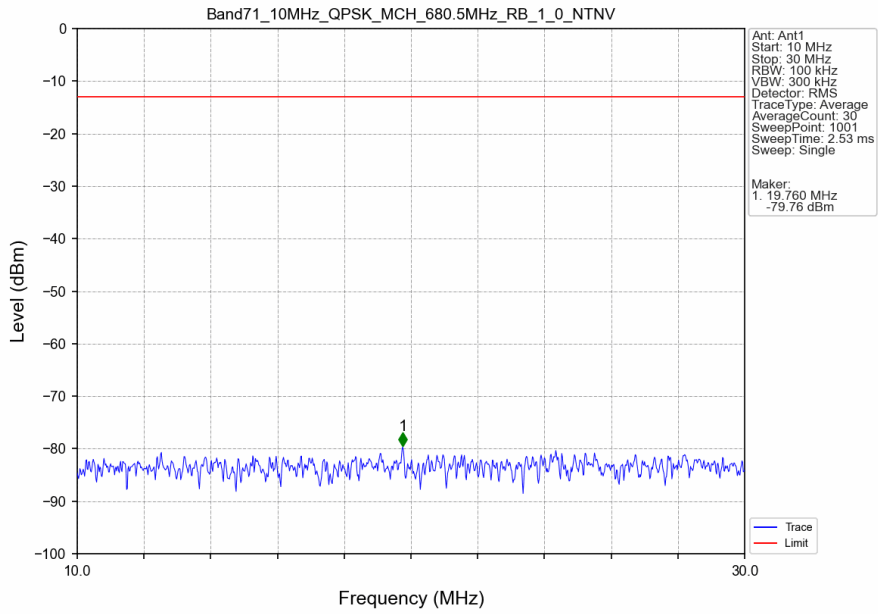
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



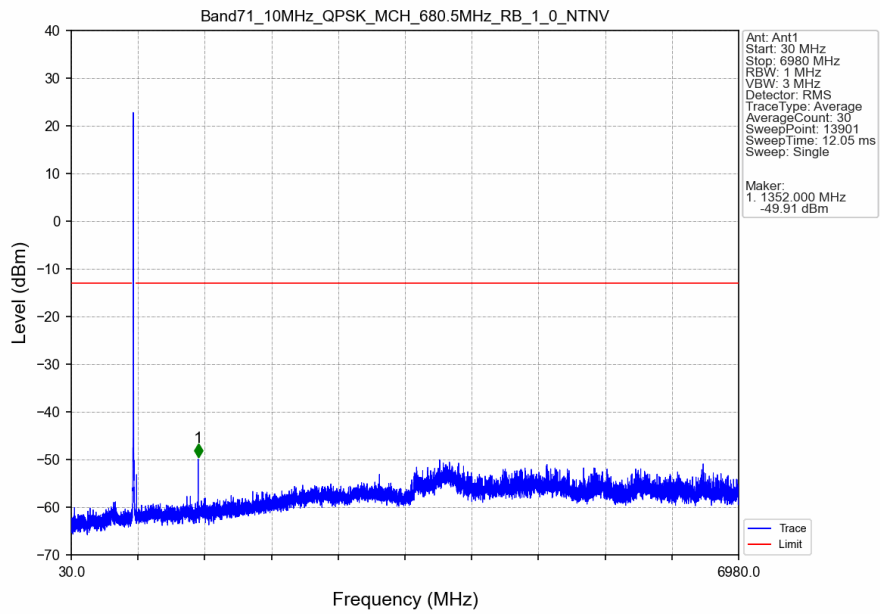
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



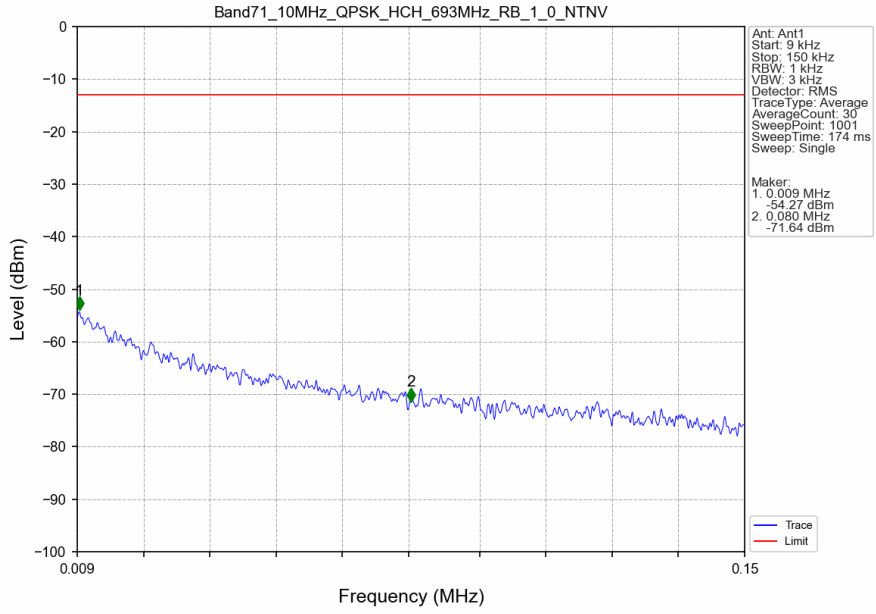
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



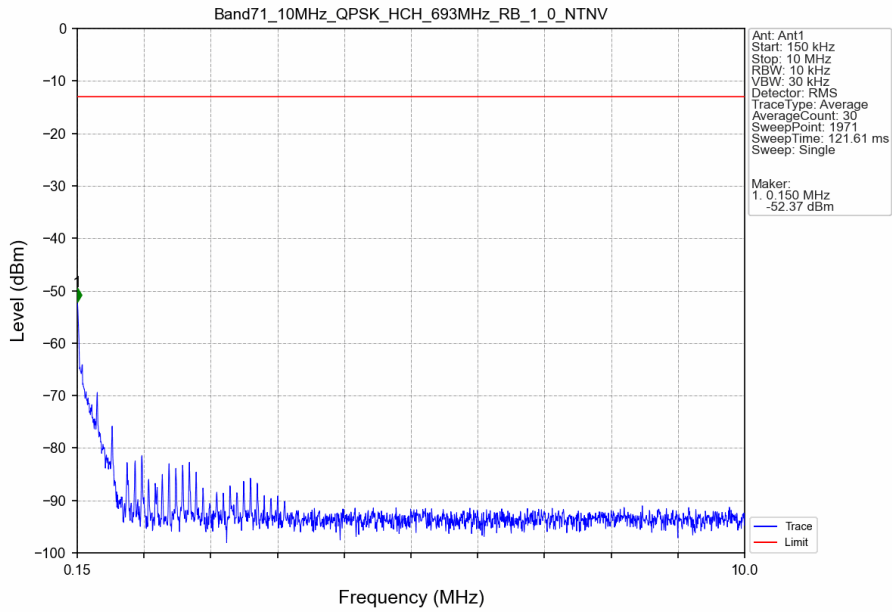
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



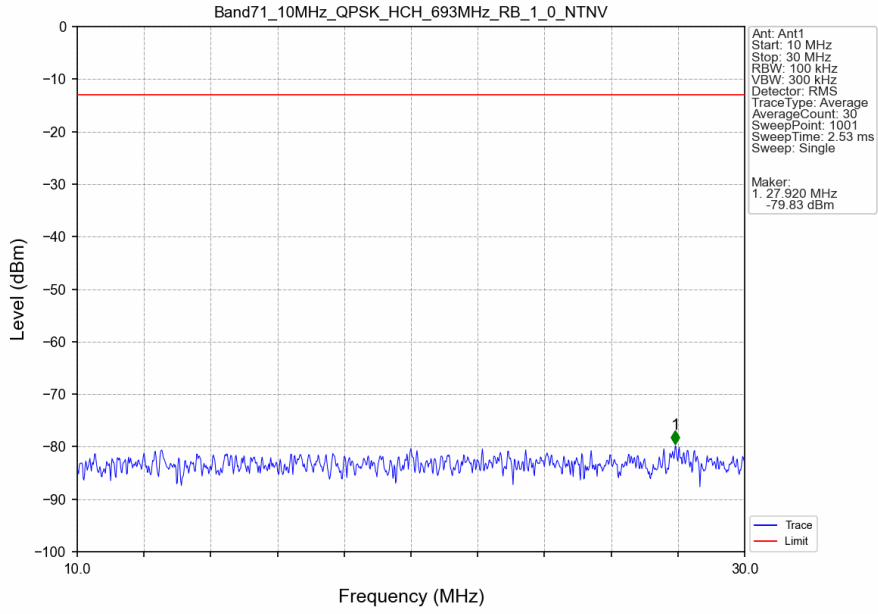
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



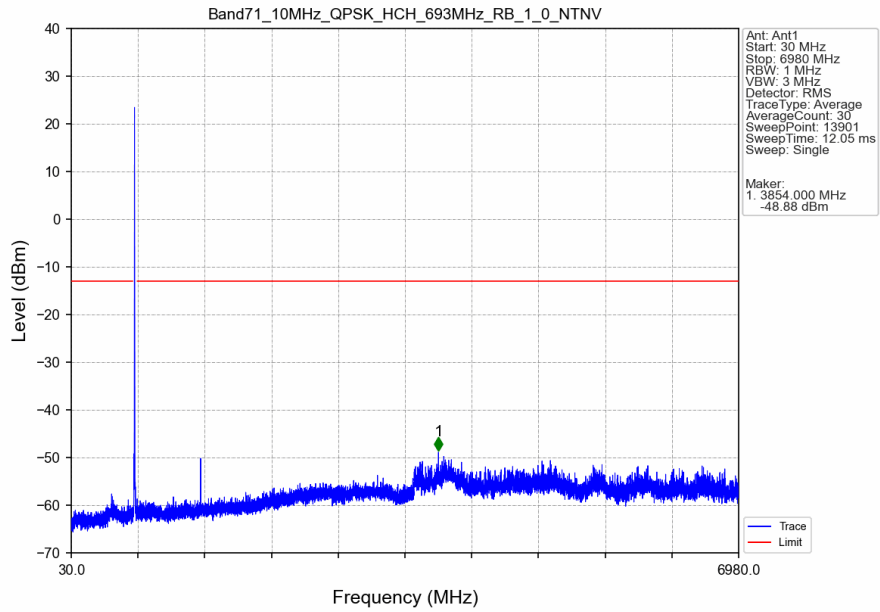
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



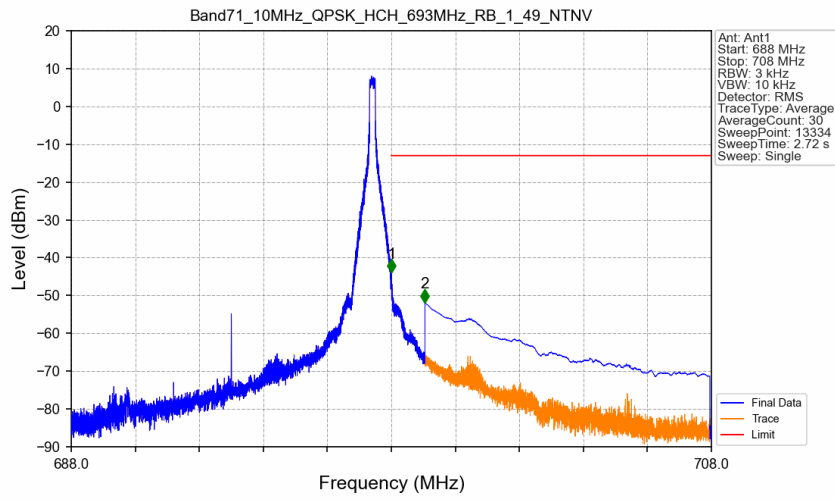
Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

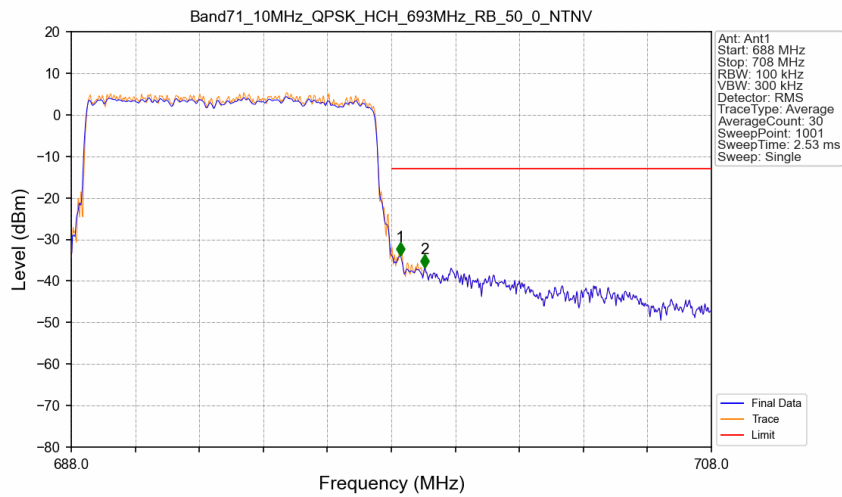


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



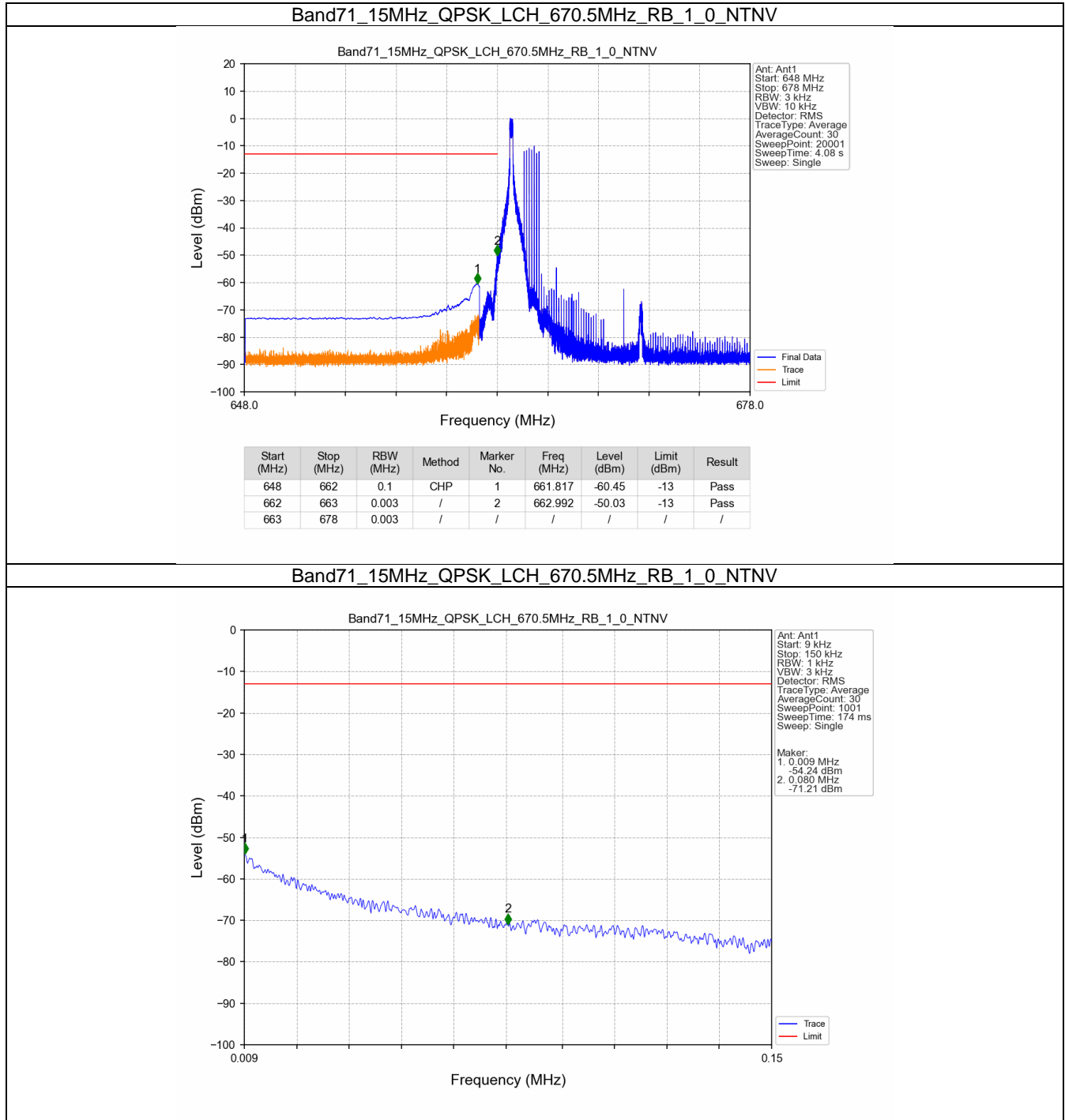
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	/	/	/	/	/
688	699	0.003	/	1	698.002	-43.77	-13	Pass
699	708	0.1	CHP	2	699.051	-51.77	-13	Pass

Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV

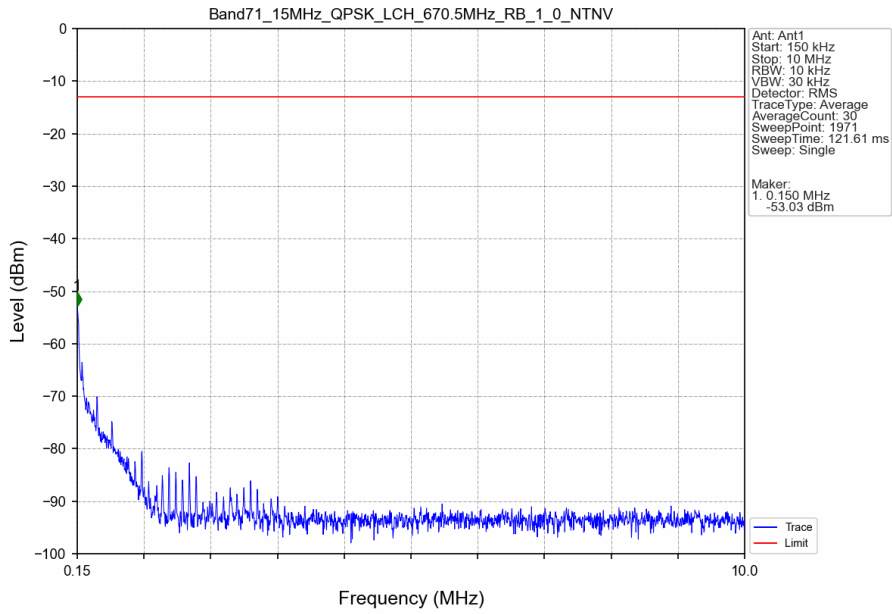


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.103	CHP	/	/	/	/	/
698	699	0.103	CHP	1	698.280	-33.88	-13	Pass
699	708	0.1	/	2	699.040	-36.79	-13	Pass

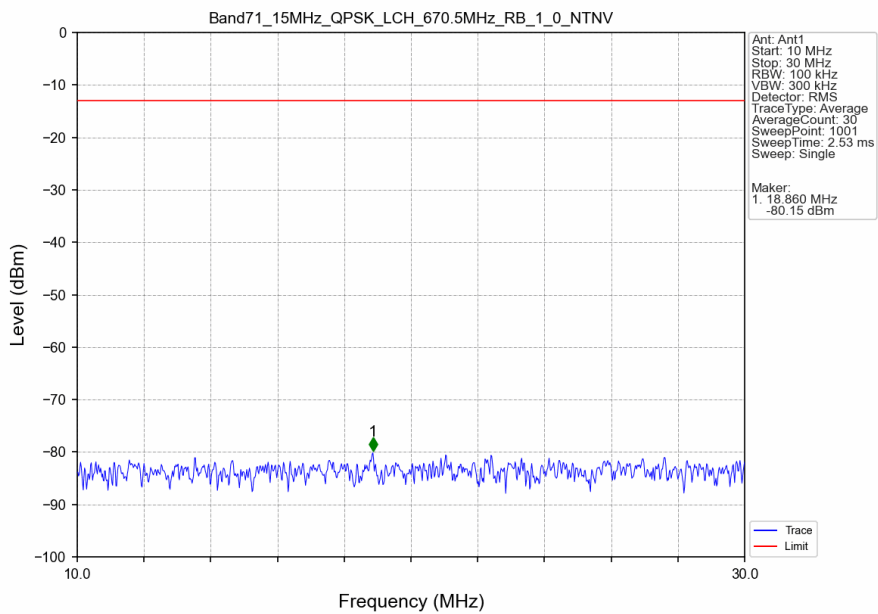
5.2.3 B71_15MHz



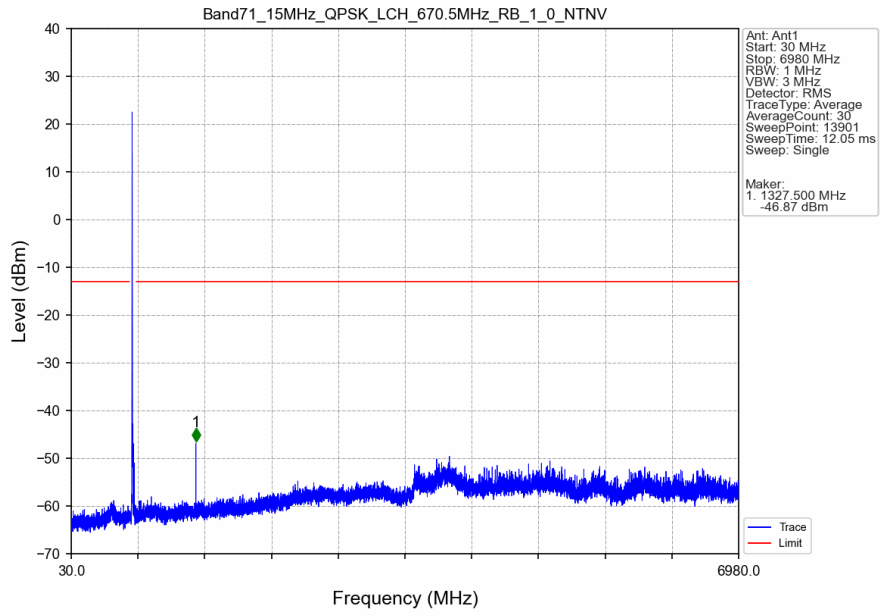
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



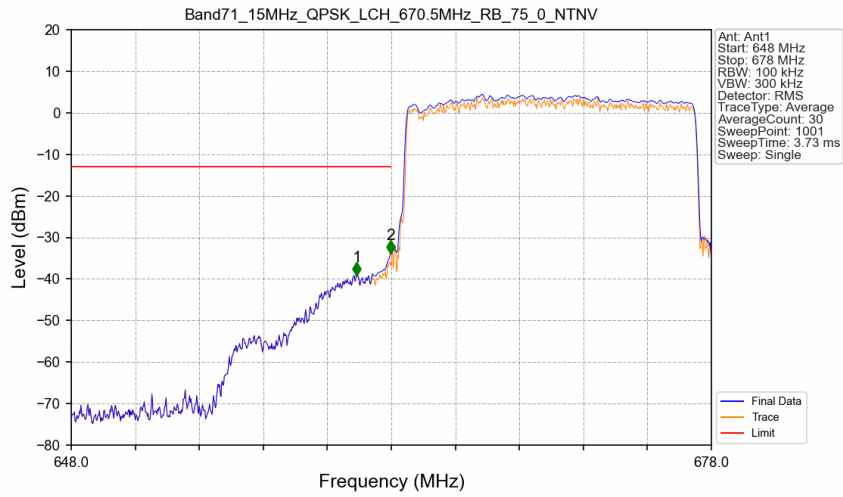
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

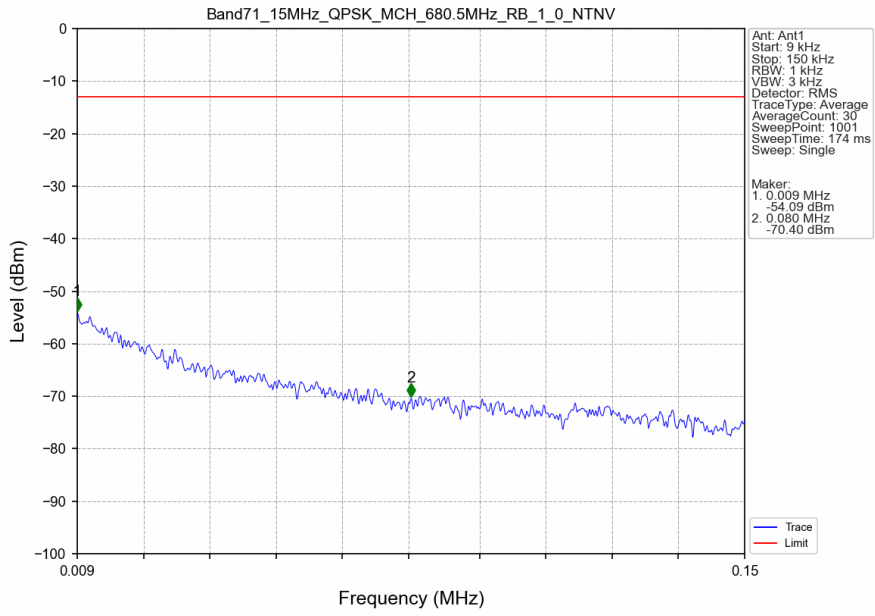


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

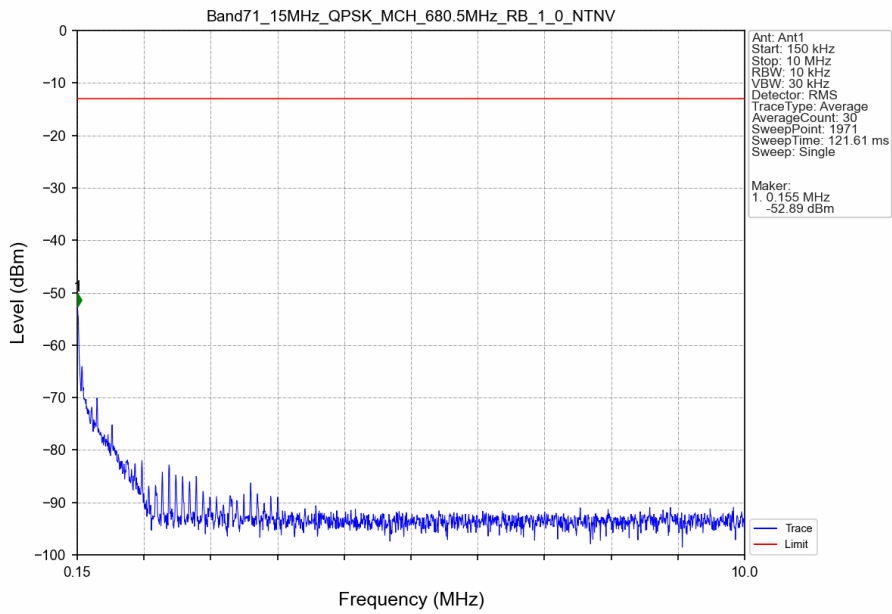


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662	0.1	/	1	661.380	-39.07	-13	Pass
662	663	0.151	CHP	2	662.970	-33.80	-13	Pass
663	678	0.151	CHP	/	/	/	/	/

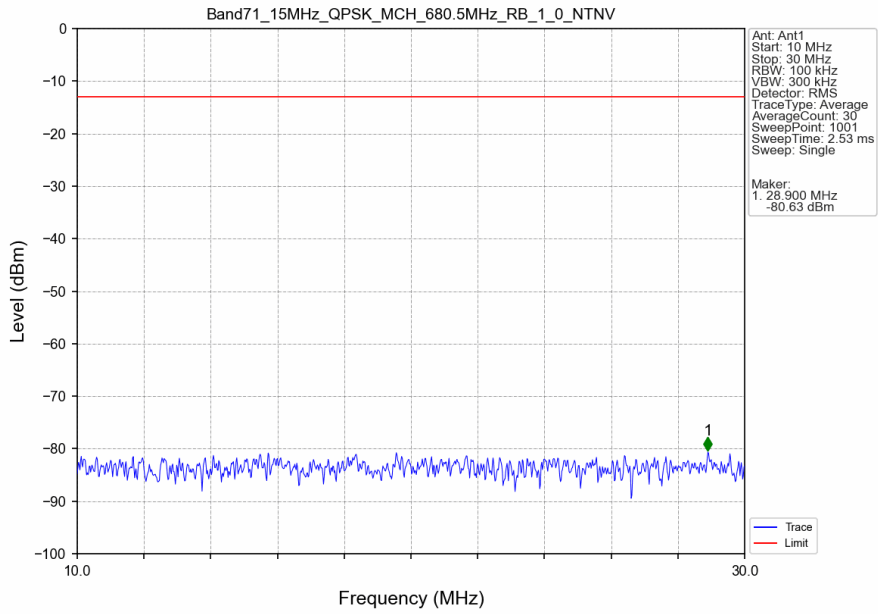
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



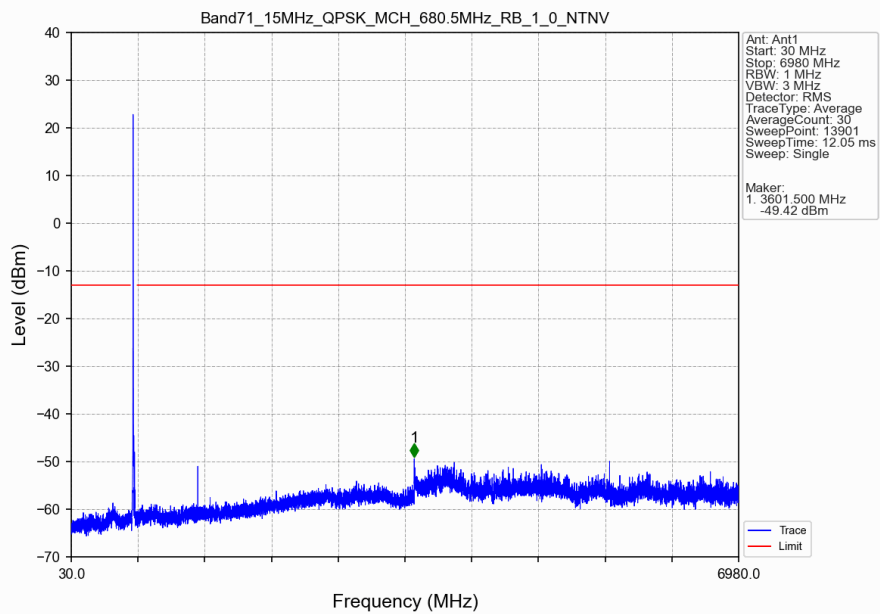
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



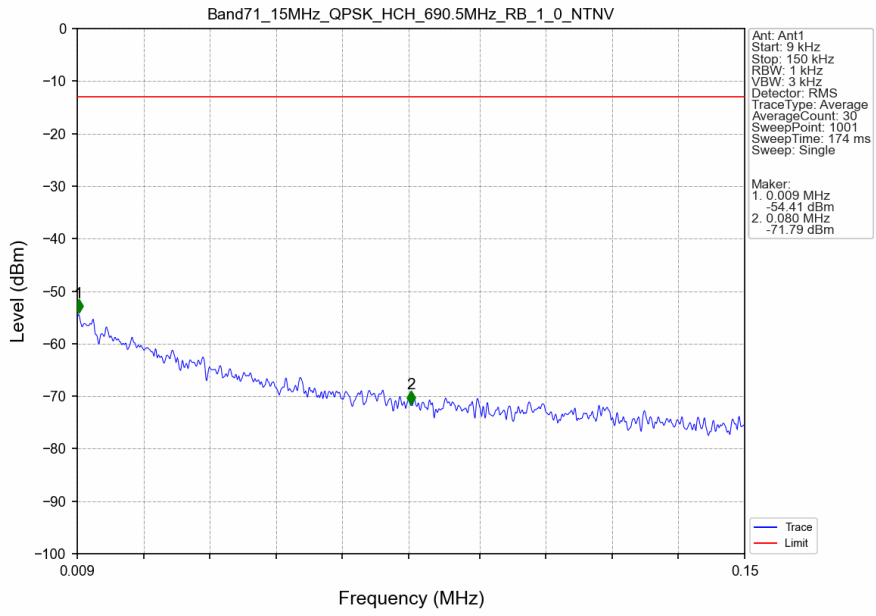
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



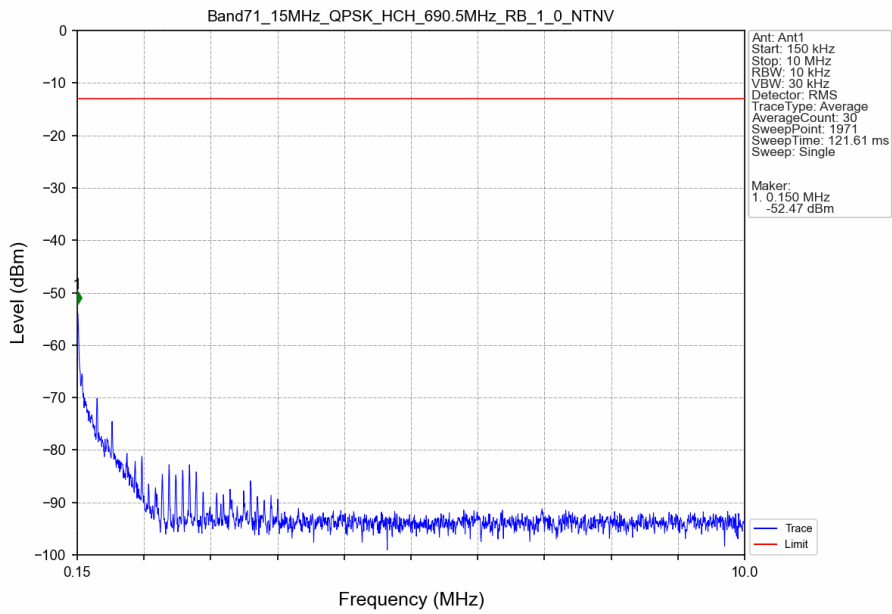
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



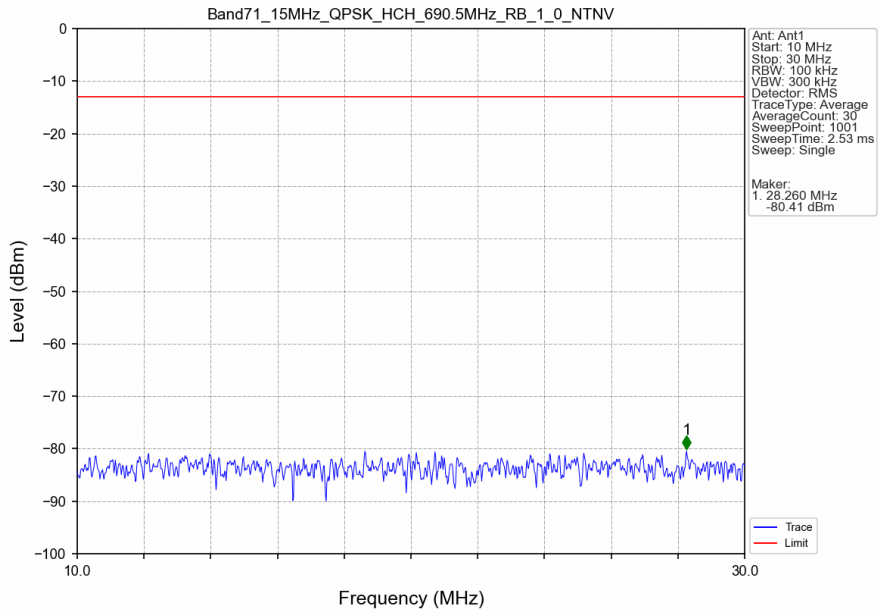
Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

