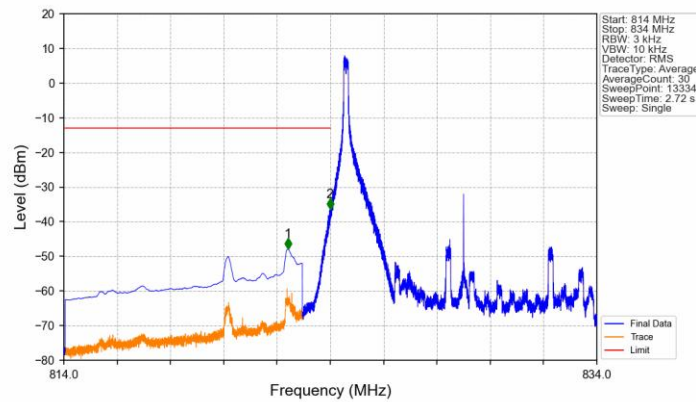


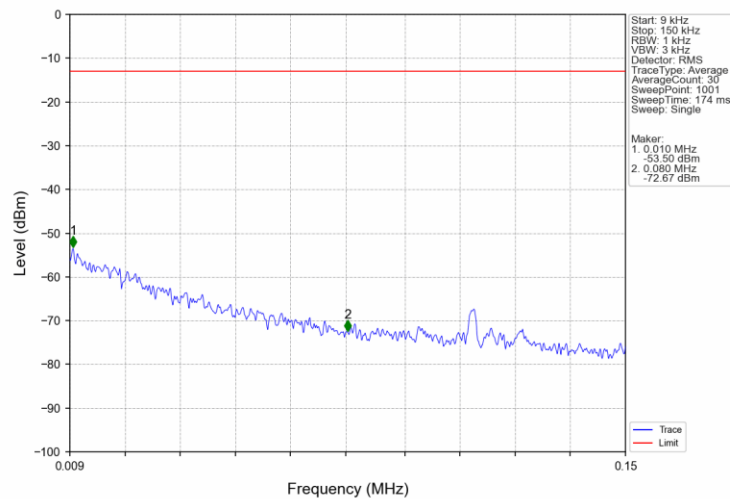
6.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

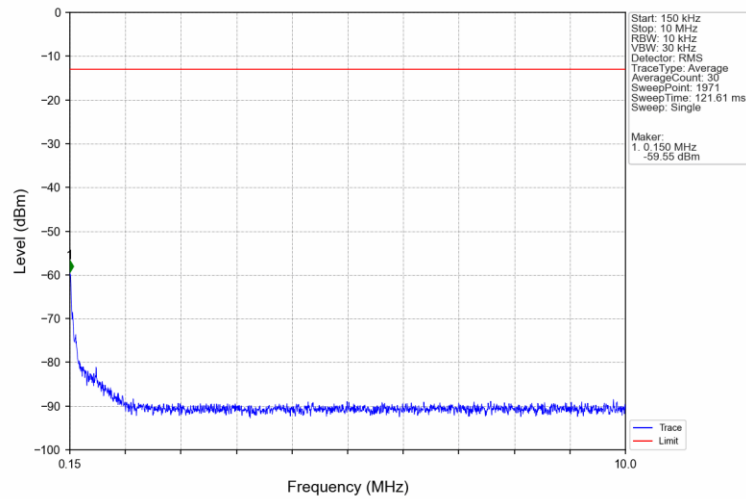


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.417	-47.89	-13	Pass
823	824	0.003	/	2	823.989	-36.41	-13	Pass
824	834	0.003	/	/	/	/	/	/

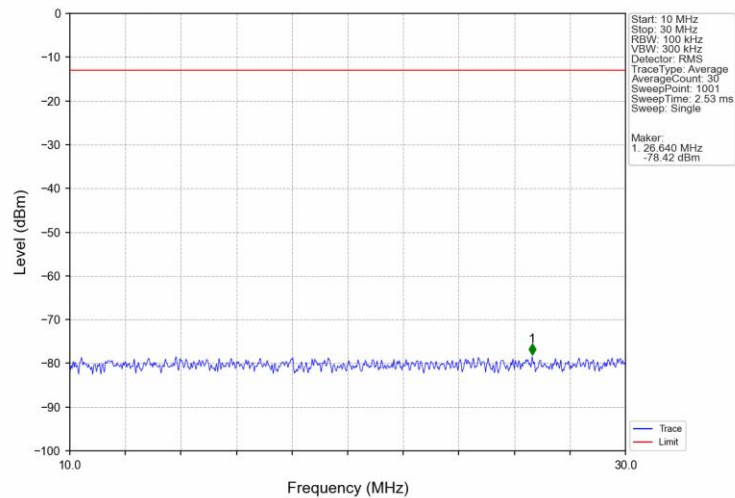
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



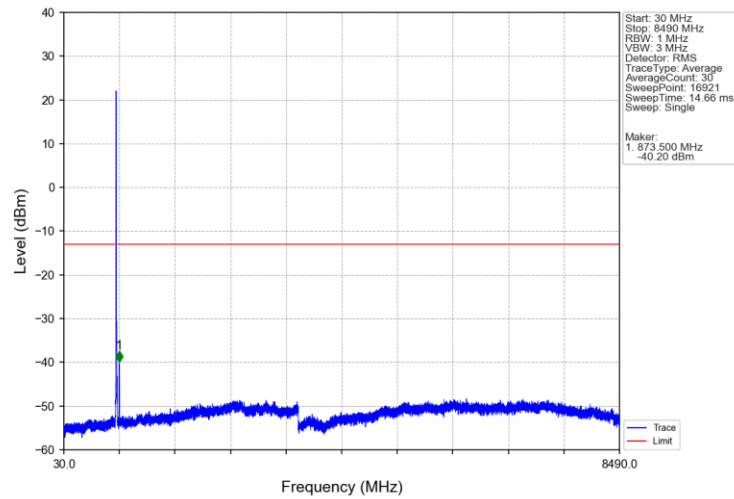
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



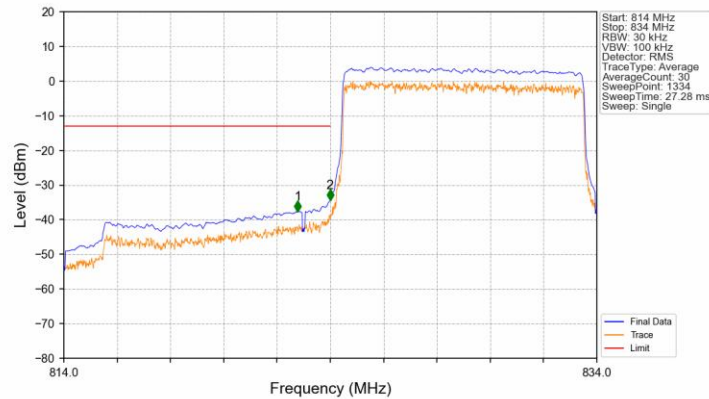
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

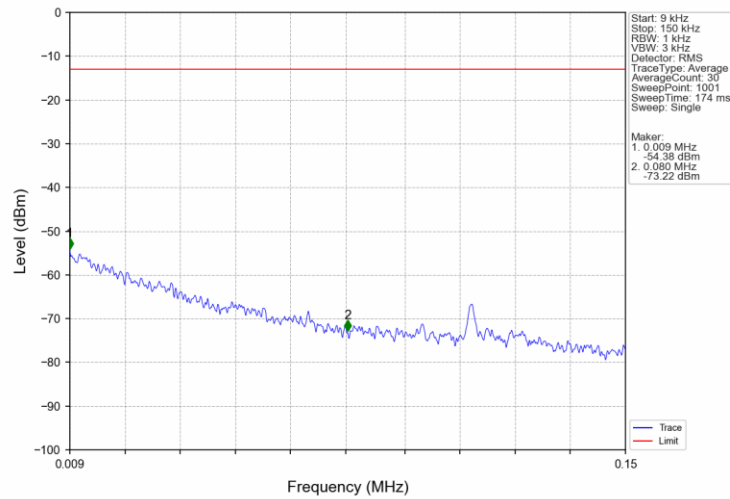


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

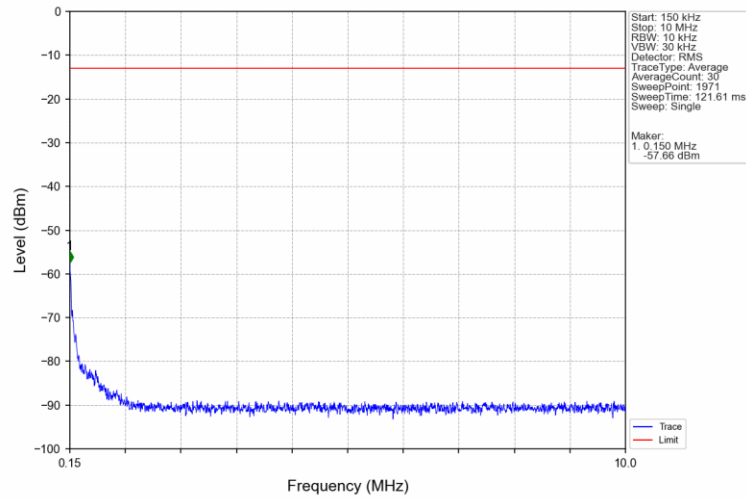


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.777	-37.61	-13	Pass
823	824	0.099	CHP	2	823.992	-34.36	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

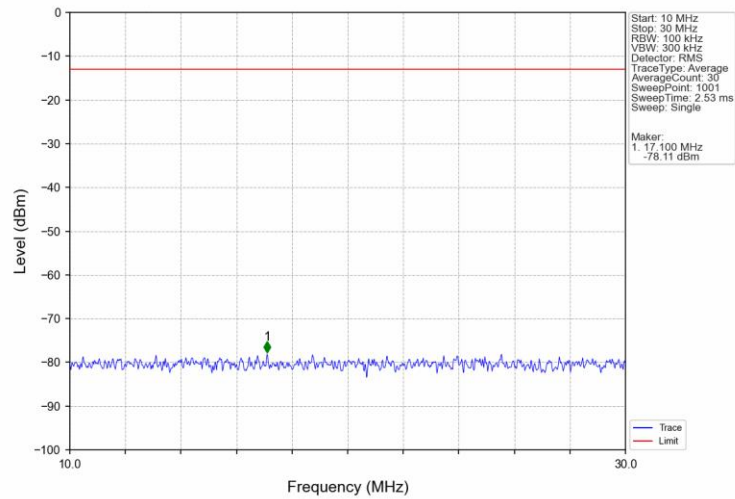
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



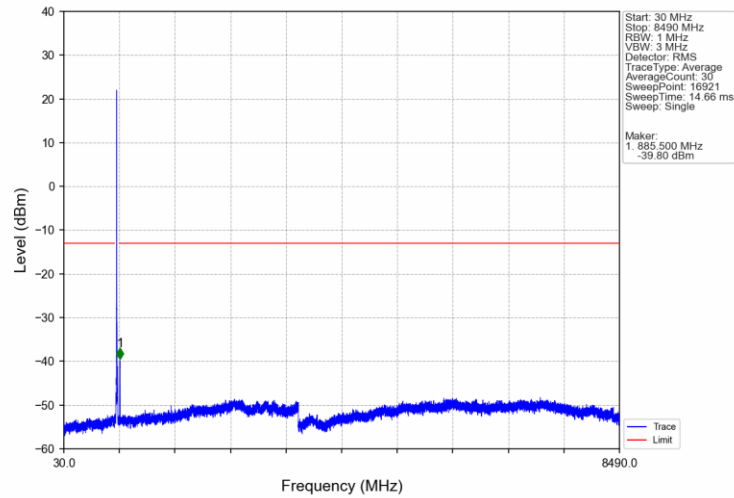
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



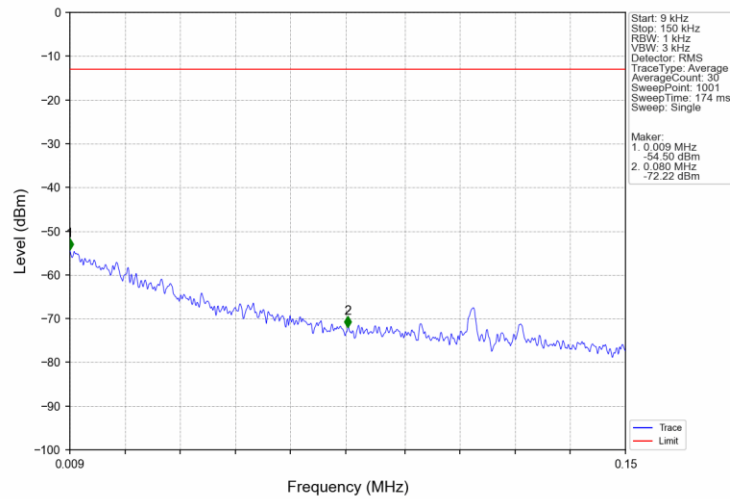
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



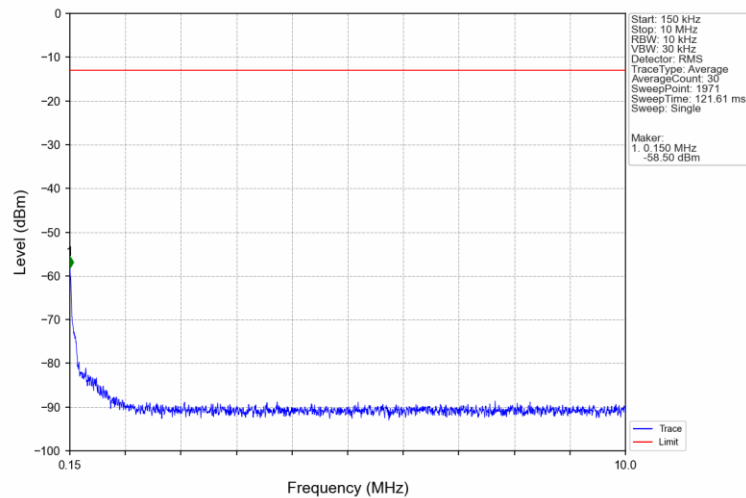
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



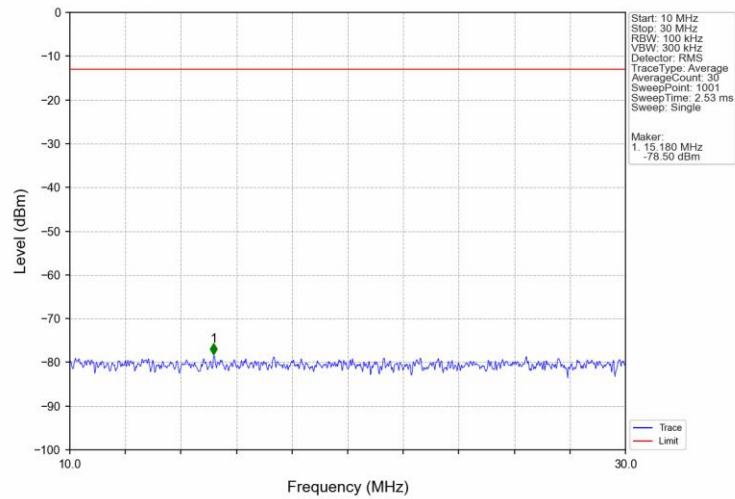
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



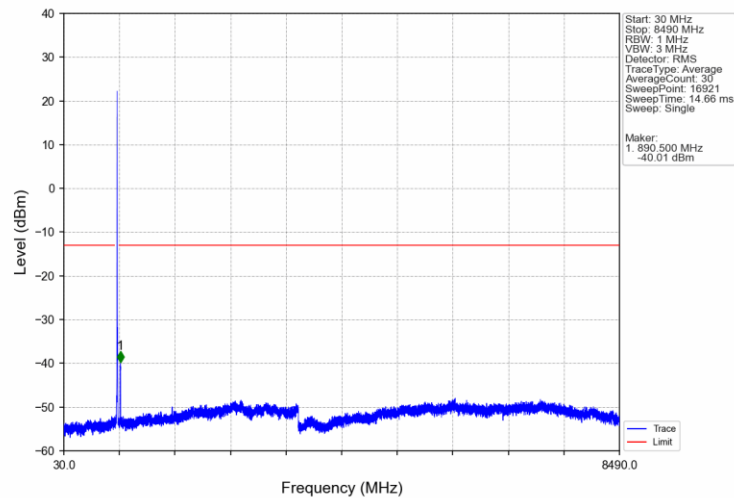
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



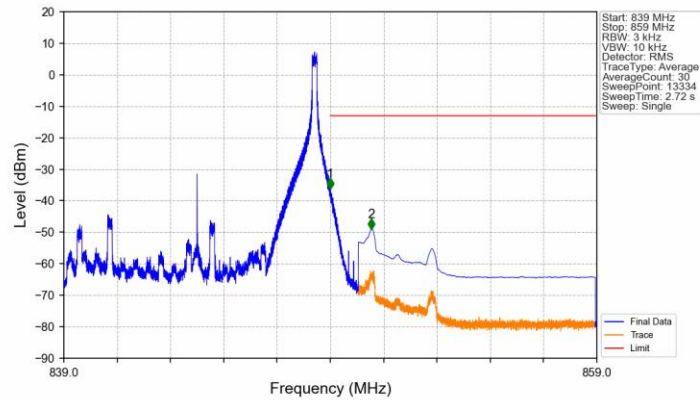
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

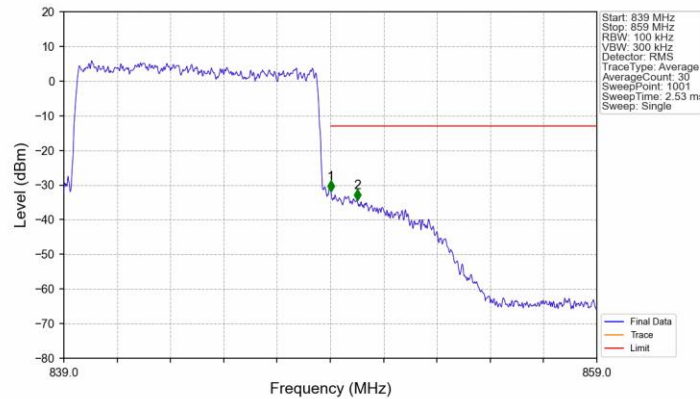


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



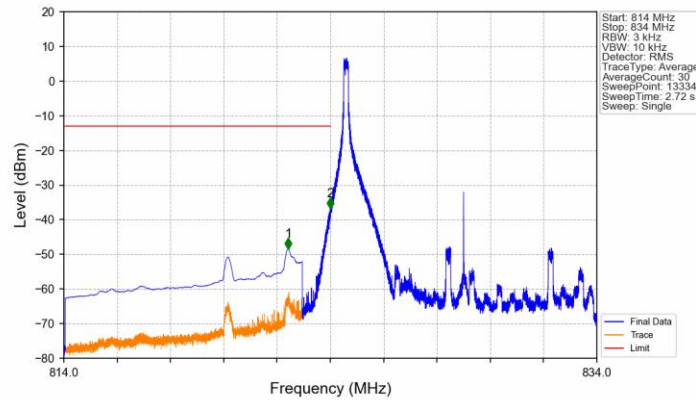
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-36.34	-13	Pass
850	859	0.1	CHP	2	850.535	-49.01	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



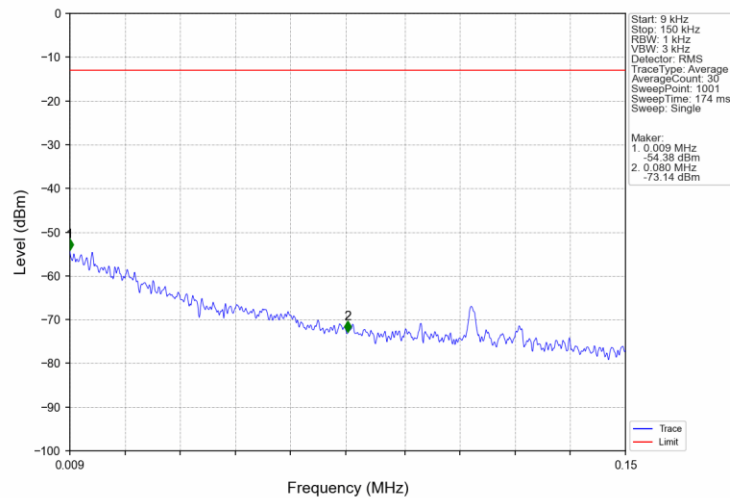
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-31.90	-13	Pass
850	859	0.1	/	2	850.020	-34.48	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

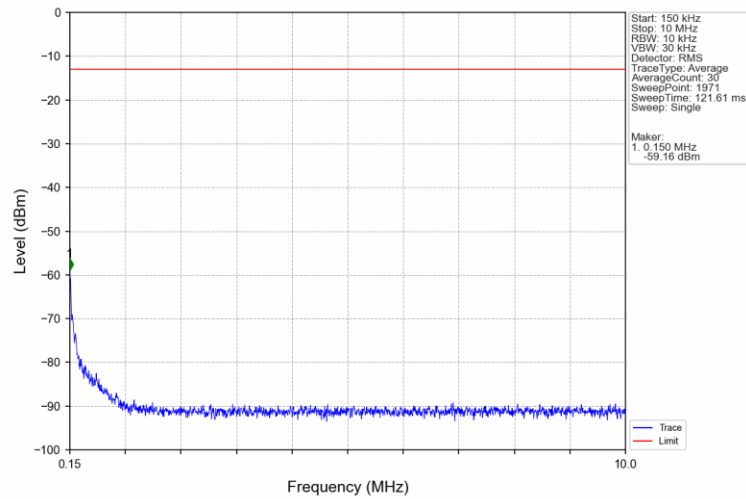


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.423	-48.46	-13	Pass
823	824	0.003	/	2	823.999	-36.76	-13	Pass
824	834	0.003	/	/	/	/	/	/

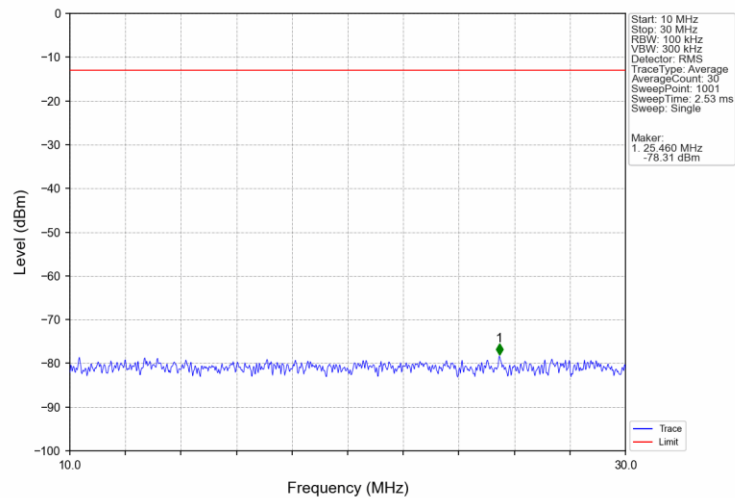
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



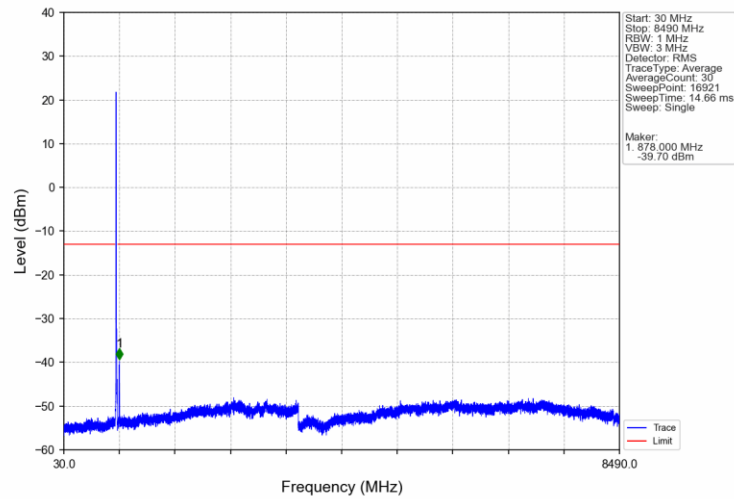
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



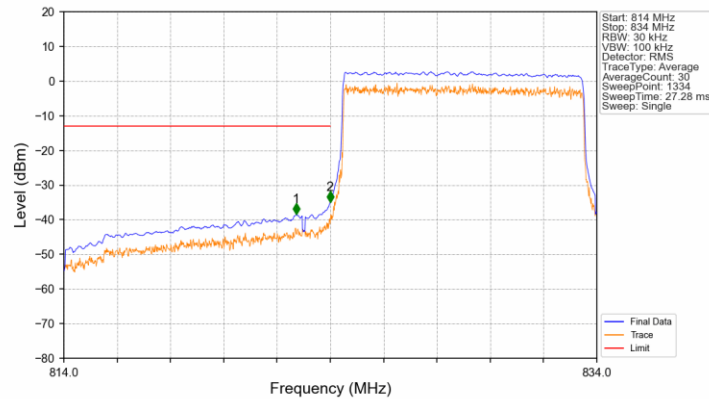
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

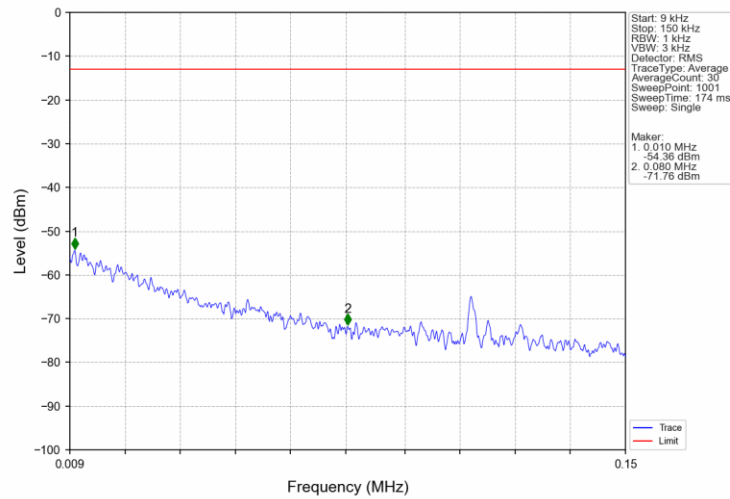


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

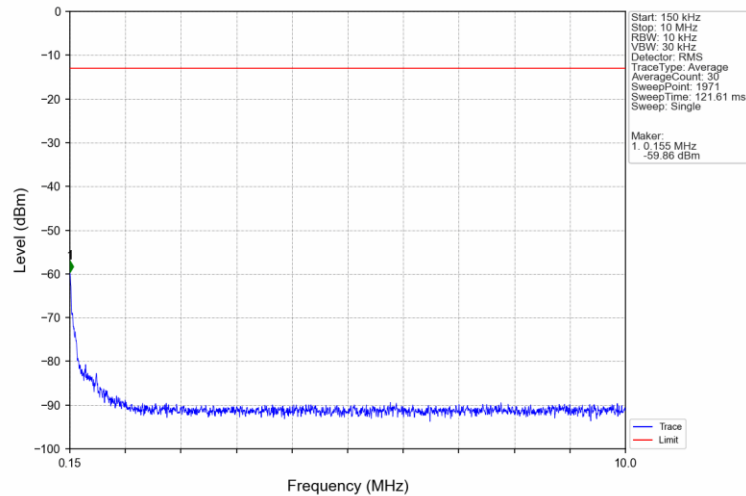


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.717	-38.49	-13	Pass
823	824	0.099	CHP	2	823.992	-34.99	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

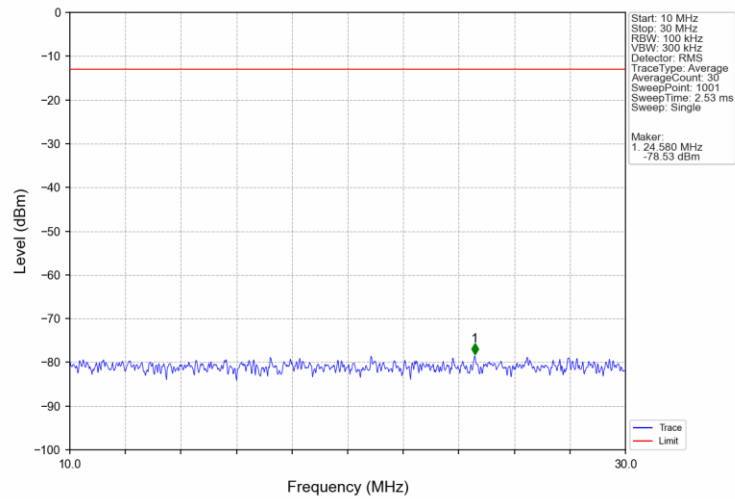
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



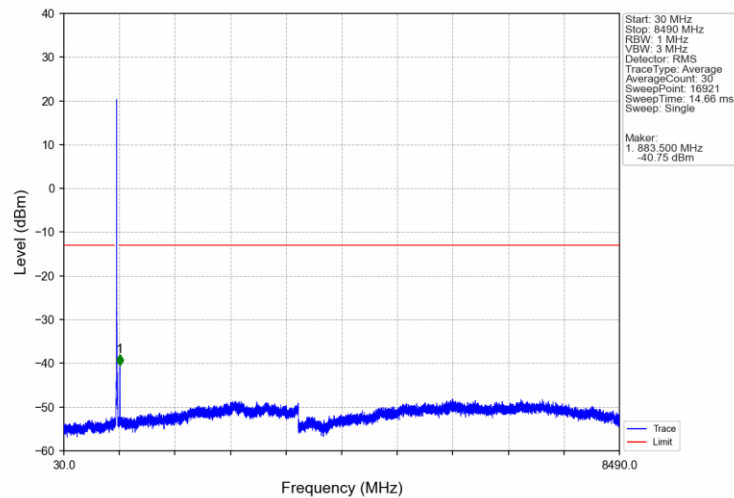
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



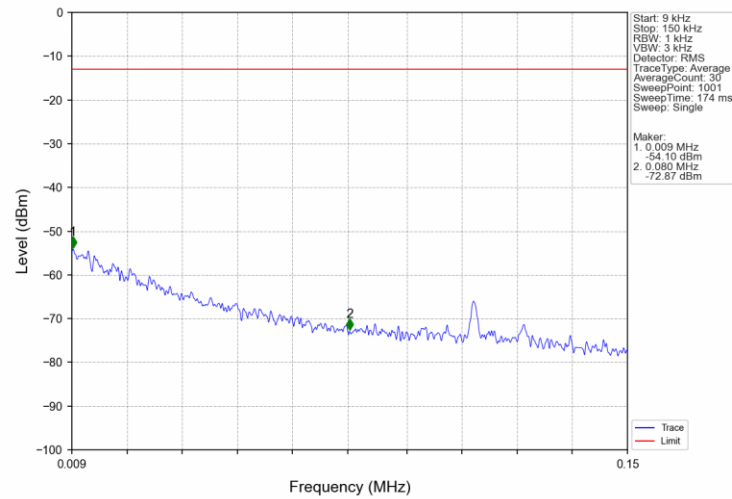
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



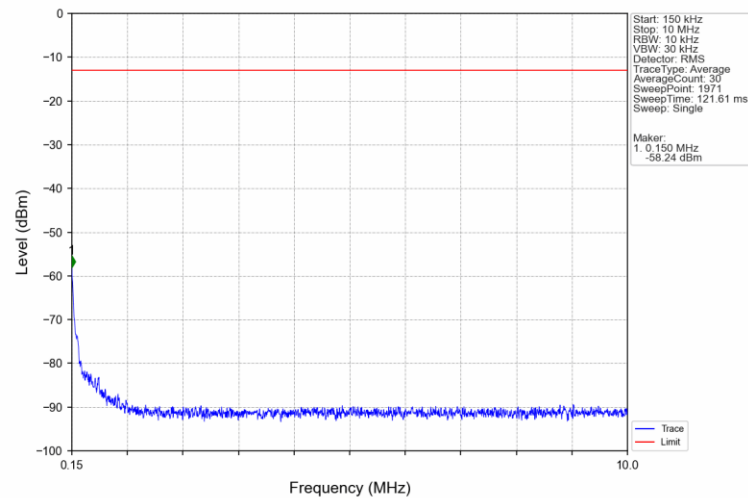
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



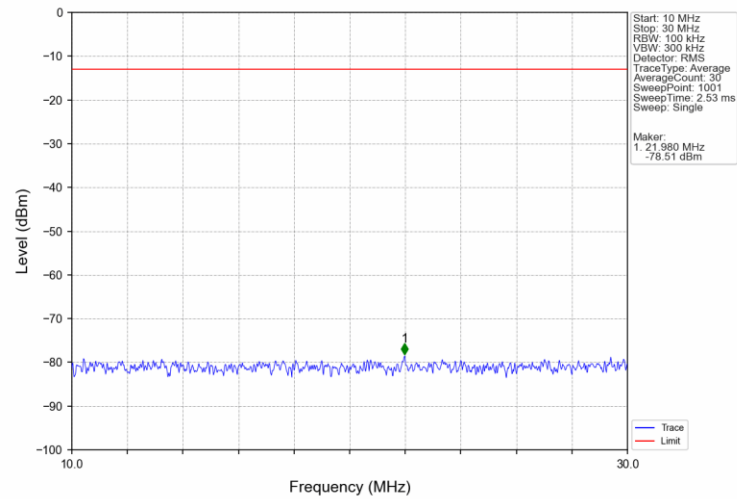
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



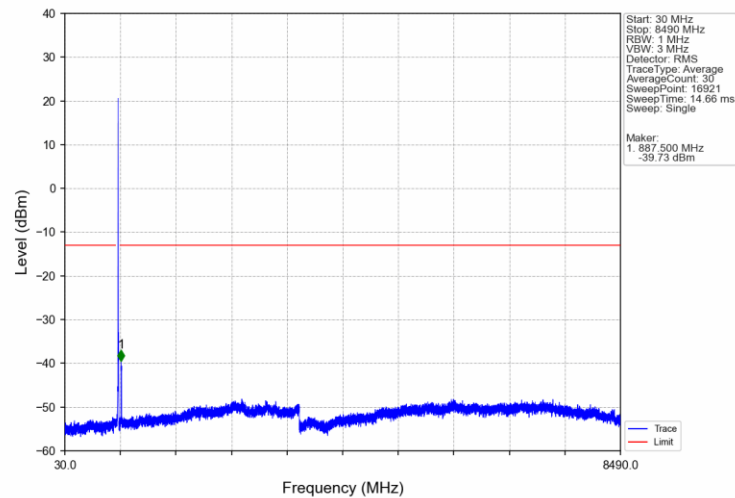
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



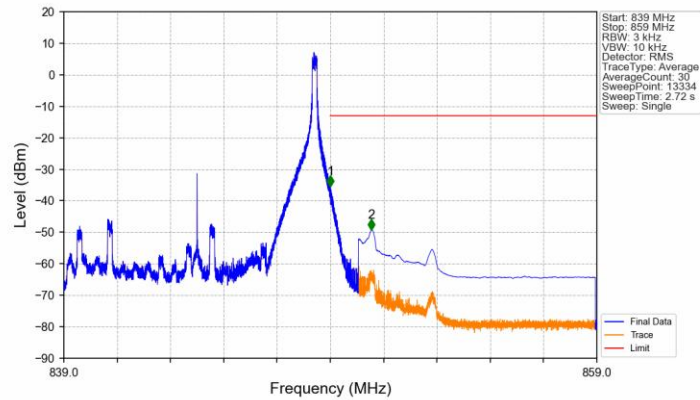
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

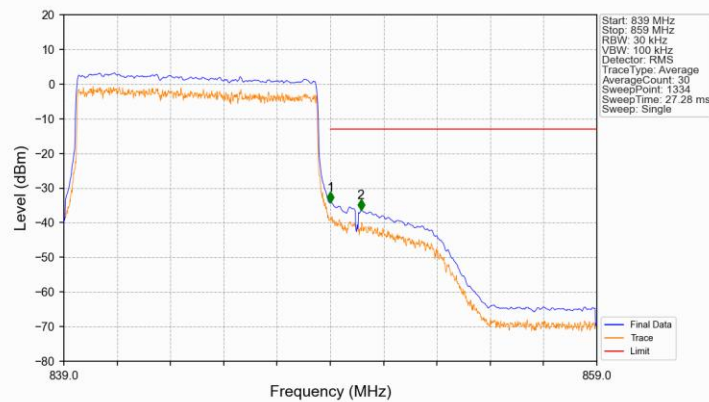


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-35.51	-13	Pass
850	859	0.1	CHP	2	850.537	-49.18	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.099	CHP	/	/	/	/	/
849	850	0.099	CHP	1	849.008	-34.19	-13	Pass
850	859	0.1	CHP	2	850.148	-36.48	-13	Pass

7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	824.7	6	0	20	3.15	824.153	825.259	824 to 849	Pass
					3.70	824.147	825.254	824 to 849	Pass
					4.30	824.151	825.263	824 to 849	Pass
				-30	3.70	824.150	825.257	824 to 849	Pass
				-20	3.70	824.146	825.262	824 to 849	Pass
				-10	3.70	824.146	825.262	824 to 849	Pass
				0	3.70	824.147	825.262	824 to 849	Pass
				10	3.70	824.148	825.254	824 to 849	Pass
				30	3.70	824.149	825.254	824 to 849	Pass
				40	3.70	824.147	825.254	824 to 849	Pass
				50	3.70	824.148	825.257	824 to 849	Pass
	836.5	6	0	20	3.15	835.946	837.054	824 to 849	Pass
					3.70	835.945	837.053	824 to 849	Pass
					4.30	835.945	837.055	824 to 849	Pass
				-30	3.70	835.942	837.055	824 to 849	Pass
				-20	3.70	835.948	837.054	824 to 849	Pass
				-10	3.70	835.944	837.053	824 to 849	Pass
				0	3.70	835.953	837.054	824 to 849	Pass
				10	3.70	835.943	837.055	824 to 849	Pass
				30	3.70	835.944	837.054	824 to 849	Pass
				40	3.70	835.945	837.055	824 to 849	Pass
				50	3.70	835.943	837.053	824 to 849	Pass
	848.3	6	0	20	3.15	847.745	848.861	824 to 849	Pass
					3.70	847.743	848.855	824 to 849	Pass
					4.30	847.739	848.864	824 to 849	Pass
				-30	3.70	847.745	848.852	824 to 849	Pass
				-20	3.70	847.745	848.854	824 to 849	Pass
				-10	3.70	847.739	848.865	824 to 849	Pass
				0	3.70	847.746	848.863	824 to 849	Pass
				10	3.70	847.738	848.862	824 to 849	Pass
				30	3.70	847.745	848.861	824 to 849	Pass
				40	3.70	847.746	848.860	824 to 849	Pass
				50	3.70	847.742	848.863	824 to 849	Pass
16QAM	824.7	6	0	20	3.15	824.147	825.258	824 to 849	Pass
					3.70	824.150	825.258	824 to 849	Pass
					4.30	824.147	825.257	824 to 849	Pass
				-30	3.70	824.147	825.253	824 to 849	Pass
				-20	3.70	824.146	825.260	824 to 849	Pass
				-10	3.70	824.146	825.251	824 to 849	Pass
				0	3.70	824.151	825.251	824 to 849	Pass
				10	3.70	824.147	825.251	824 to 849	Pass
				30	3.70	824.147	825.250	824 to 849	Pass
				40	3.70	824.150	825.251	824 to 849	Pass
				50	3.70	824.146	825.254	824 to 849	Pass
	836.5	6	0	20	3.15	835.943	837.055	824 to 849	Pass
					3.70	835.940	837.055	824 to 849	Pass
					4.30	835.939	837.059	824 to 849	Pass
				-30	3.70	835.942	837.058	824 to 849	Pass

				-20	3.70	835.941	837.058	824 to 849	Pass
				-10	3.70	835.940	837.056	824 to 849	Pass
				0	3.70	835.941	837.058	824 to 849	Pass
				10	3.70	835.941	837.055	824 to 849	Pass
				30	3.70	835.944	837.058	824 to 849	Pass
				40	3.70	835.940	837.055	824 to 849	Pass
				50	3.70	835.939	837.055	824 to 849	Pass
	848.3	6	0	20	3.15	847.747	848.857	824 to 849	Pass
					3.70	847.749	848.862	824 to 849	Pass
					4.30	847.749	848.857	824 to 849	Pass
				-30	3.70	847.748	848.860	824 to 849	Pass
				-20	3.70	847.750	848.861	824 to 849	Pass
				-10	3.70	847.746	848.863	824 to 849	Pass
				0	3.70	847.748	848.862	824 to 849	Pass
				10	3.70	847.747	848.862	824 to 849	Pass
				30	3.70	847.749	848.858	824 to 849	Pass
				40	3.70	847.750	848.864	824 to 849	Pass
				50	3.70	847.750	848.857	824 to 849	Pass

7.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	825.5	15	0	20	3.15	824.146	826.880	824 to 849	Pass
					3.70	824.144	826.877	824 to 849	Pass
					4.30	824.142	826.875	824 to 849	Pass
				-30	3.70	824.147	826.880	824 to 849	Pass
				-20	3.70	824.144	826.878	824 to 849	Pass
				-10	3.70	824.141	826.869	824 to 849	Pass
				0	3.70	824.144	826.875	824 to 849	Pass
				10	3.70	824.144	826.876	824 to 849	Pass
				30	3.70	824.144	826.878	824 to 849	Pass
				40	3.70	824.141	826.870	824 to 849	Pass
				50	3.70	824.145	826.882	824 to 849	Pass
	836.5	15	0	20	3.15	835.148	837.883	824 to 849	Pass
					3.70	835.147	837.884	824 to 849	Pass
					4.30	835.146	837.886	824 to 849	Pass
				-30	3.70	835.136	837.885	824 to 849	Pass
				-20	3.70	835.148	837.884	824 to 849	Pass
				-10	3.70	835.141	837.875	824 to 849	Pass
				0	3.70	835.137	837.885	824 to 849	Pass
				10	3.70	835.150	837.875	824 to 849	Pass
				30	3.70	835.146	837.885	824 to 849	Pass
				40	3.70	835.150	837.884	824 to 849	Pass
				50	3.70	835.140	837.879	824 to 849	Pass
	847.5	15	0	20	3.15	846.141	848.876	824 to 849	Pass
					3.70	846.140	848.876	824 to 849	Pass
					4.30	846.142	848.873	824 to 849	Pass
				-30	3.70	846.140	848.876	824 to 849	Pass
				-20	3.70	846.138	848.879	824 to 849	Pass
				-10	3.70	846.143	848.878	824 to 849	Pass
				0	3.70	846.147	848.875	824 to 849	Pass
				10	3.70	846.140	848.880	824 to 849	Pass
				30	3.70	846.140	848.873	824 to 849	Pass
				40	3.70	846.139	848.875	824 to 849	Pass
				50	3.70	846.142	848.877	824 to 849	Pass

16QAM	825.5	15	0	20	3.15	824.138	826.870	824 to 849	Pass
					3.70	824.148	826.868	824 to 849	Pass
					4.30	824.149	826.870	824 to 849	Pass
				-30	3.70	824.140	826.874	824 to 849	Pass
				-20	3.70	824.149	826.874	824 to 849	Pass
				-10	3.70	824.143	826.868	824 to 849	Pass
				0	3.70	824.143	826.868	824 to 849	Pass
				10	3.70	824.141	826.869	824 to 849	Pass
				30	3.70	824.149	826.874	824 to 849	Pass
				40	3.70	824.139	826.875	824 to 849	Pass
				50	3.70	824.144	826.870	824 to 849	Pass
	836.5	15	0	20	3.15	835.146	837.873	824 to 849	Pass
					3.70	835.145	837.874	824 to 849	Pass
					4.30	835.145	837.868	824 to 849	Pass
				-30	3.70	835.143	837.868	824 to 849	Pass
				-20	3.70	835.144	837.878	824 to 849	Pass
				-10	3.70	835.143	837.877	824 to 849	Pass
				0	3.70	835.146	837.877	824 to 849	Pass
				10	3.70	835.145	837.870	824 to 849	Pass
				30	3.70	835.147	837.869	824 to 849	Pass
				40	3.70	835.147	837.871	824 to 849	Pass
				50	3.70	835.144	837.876	824 to 849	Pass
	847.5	15	0	20	3.15	846.148	848.880	824 to 849	Pass
					3.70	846.142	848.877	824 to 849	Pass
					4.30	846.138	848.870	824 to 849	Pass
				-30	3.70	846.148	848.871	824 to 849	Pass
				-20	3.70	846.149	848.873	824 to 849	Pass
				-10	3.70	846.143	848.873	824 to 849	Pass
				0	3.70	846.149	848.869	824 to 849	Pass
				10	3.70	846.139	848.878	824 to 849	Pass
				30	3.70	846.141	848.871	824 to 849	Pass
				40	3.70	846.147	848.874	824 to 849	Pass
				50	3.70	846.138	848.874	824 to 849	Pass

7.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	826.5	25	0	20	3.15	824.254	828.793	824 to 849	Pass
					3.70	824.248	828.796	824 to 849	Pass
					4.30	824.248	828.794	824 to 849	Pass
				-30	3.70	824.248	828.789	824 to 849	Pass
				-20	3.70	824.249	828.796	824 to 849	Pass
				-10	3.70	824.250	828.790	824 to 849	Pass
				0	3.70	824.247	828.788	824 to 849	Pass
				10	3.70	824.249	828.796	824 to 849	Pass
				30	3.70	824.249	828.781	824 to 849	Pass
				40	3.70	824.250	828.796	824 to 849	Pass
				50	3.70	824.247	828.782	824 to 849	Pass
	836.5	25	0	20	3.15	834.244	838.782	824 to 849	Pass
					3.70	834.237	838.783	824 to 849	Pass
					4.30	834.247	838.781	824 to 849	Pass
				-30	3.70	834.244	838.792	824 to 849	Pass
				-20	3.70	834.246	838.783	824 to 849	Pass
				-10	3.70	834.239	838.791	824 to 849	Pass
				0	3.70	834.245	838.785	824 to 849	Pass

	846.5	25	0	10	3.70	834.245	838.780	824 to 849	Pass
				30	3.70	834.242	838.781	824 to 849	Pass
				40	3.70	834.243	838.781	824 to 849	Pass
				50	3.70	834.236	838.781	824 to 849	Pass
				20	3.15	844.224	848.792	824 to 849	Pass
					3.70	844.232	848.784	824 to 849	Pass
					4.30	844.230	848.794	824 to 849	Pass
				-30	3.70	844.229	848.790	824 to 849	Pass
				-20	3.70	844.227	848.789	824 to 849	Pass
				-10	3.70	844.231	848.783	824 to 849	Pass
				0	3.70	844.225	848.791	824 to 849	Pass
				10	3.70	844.231	848.792	824 to 849	Pass
				30	3.70	844.231	848.794	824 to 849	Pass
				40	3.70	844.232	848.795	824 to 849	Pass
				50	3.70	844.232	848.792	824 to 849	Pass
16QAM	826.5	25	0	20	3.15	824.235	828.793	824 to 849	Pass
					3.70	824.248	828.790	824 to 849	Pass
					4.30	824.244	828.792	824 to 849	Pass
				-30	3.70	824.248	828.790	824 to 849	Pass
				-20	3.70	824.237	828.785	824 to 849	Pass
				-10	3.70	824.253	828.795	824 to 849	Pass
				0	3.70	824.237	828.788	824 to 849	Pass
				10	3.70	824.244	828.784	824 to 849	Pass
				30	3.70	824.246	828.795	824 to 849	Pass
				40	3.70	824.232	828.791	824 to 849	Pass
				50	3.70	824.250	828.798	824 to 849	Pass
	836.5	25	0	20	3.15	834.238	838.795	824 to 849	Pass
					3.70	834.246	838.781	824 to 849	Pass
					4.30	834.237	838.805	824 to 849	Pass
				-30	3.70	834.246	838.803	824 to 849	Pass
				-20	3.70	834.241	838.781	824 to 849	Pass
				-10	3.70	834.237	838.793	824 to 849	Pass
				0	3.70	834.242	838.777	824 to 849	Pass
				10	3.70	834.235	838.803	824 to 849	Pass
				30	3.70	834.233	838.793	824 to 849	Pass
				40	3.70	834.252	838.793	824 to 849	Pass
				50	3.70	834.243	838.780	824 to 849	Pass
	846.5	25	0	20	3.15	844.246	848.782	824 to 849	Pass
					3.70	844.241	848.780	824 to 849	Pass
					4.30	844.243	848.781	824 to 849	Pass
				-30	3.70	844.244	848.781	824 to 849	Pass
				-20	3.70	844.241	848.779	824 to 849	Pass
				-10	3.70	844.242	848.775	824 to 849	Pass
				0	3.70	844.237	848.790	824 to 849	Pass
				10	3.70	844.242	848.779	824 to 849	Pass
				30	3.70	844.241	848.783	824 to 849	Pass
				40	3.70	844.245	848.779	824 to 849	Pass
				50	3.70	844.239	848.781	824 to 849	Pass

7.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	829	50	0	20	3.15	824.492	833.546	824 to 849	Pass
					3.70	824.496	833.542	824 to 849	Pass
					4.30	824.486	833.552	824 to 849	Pass

16QAM	836.5	50	0	-30	3.70	824.496	833.543	824 to 849	Pass
				-20	3.70	824.495	833.546	824 to 849	Pass
				-10	3.70	824.485	833.553	824 to 849	Pass
				0	3.70	824.476	833.546	824 to 849	Pass
				10	3.70	824.487	833.537	824 to 849	Pass
				30	3.70	824.479	833.536	824 to 849	Pass
				40	3.70	824.477	833.548	824 to 849	Pass
				50	3.70	824.483	833.538	824 to 849	Pass
	836.5	50	0	20	3.15	832.017	841.057	824 to 849	Pass
					3.70	832.021	841.068	824 to 849	Pass
					4.30	832.001	841.055	824 to 849	Pass
				-30	3.70	832.001	841.057	824 to 849	Pass
				-20	3.70	832.007	841.061	824 to 849	Pass
				-10	3.70	832.005	841.056	824 to 849	Pass
				0	3.70	831.999	841.056	824 to 849	Pass
				10	3.70	832.011	841.069	824 to 849	Pass
				30	3.70	832.010	841.063	824 to 849	Pass
				40	3.70	832.007	841.070	824 to 849	Pass
				50	3.70	832.022	841.065	824 to 849	Pass
	844	50	0	20	3.15	839.487	848.554	824 to 849	Pass
					3.70	839.497	848.548	824 to 849	Pass
					4.30	839.491	848.537	824 to 849	Pass
				-30	3.70	839.490	848.539	824 to 849	Pass
				-20	3.70	839.490	848.548	824 to 849	Pass
				-10	3.70	839.495	848.558	824 to 849	Pass
				0	3.70	839.491	848.555	824 to 849	Pass
				10	3.70	839.484	848.558	824 to 849	Pass
				30	3.70	839.491	848.521	824 to 849	Pass
				40	3.70	839.486	848.549	824 to 849	Pass
				50	3.70	839.491	848.547	824 to 849	Pass
	829	50	0	20	3.15	824.491	833.524	824 to 849	Pass
					3.70	824.497	833.549	824 to 849	Pass
					4.30	824.492	833.520	824 to 849	Pass
				-30	3.70	824.492	833.551	824 to 849	Pass
				-20	3.70	824.488	833.528	824 to 849	Pass
				-10	3.70	824.493	833.537	824 to 849	Pass
				0	3.70	824.508	833.535	824 to 849	Pass
				10	3.70	824.493	833.551	824 to 849	Pass
				30	3.70	824.493	833.544	824 to 849	Pass
				40	3.70	824.502	833.533	824 to 849	Pass
				50	3.70	824.500	833.540	824 to 849	Pass
	836.5	50	0	20	3.15	832.010	841.080	824 to 849	Pass
					3.70	832.013	841.059	824 to 849	Pass
					4.30	832.020	841.080	824 to 849	Pass
				-30	3.70	832.004	841.064	824 to 849	Pass
				-20	3.70	832.009	841.083	824 to 849	Pass
				-10	3.70	832.011	841.079	824 to 849	Pass
				0	3.70	832.005	841.065	824 to 849	Pass
				10	3.70	832.010	841.046	824 to 849	Pass
				30	3.70	832.004	841.076	824 to 849	Pass
				40	3.70	832.011	841.068	824 to 849	Pass
				50	3.70	832.017	841.062	824 to 849	Pass
	844	50	0	20	3.15	839.503	848.529	824 to 849	Pass
					3.70	839.487	848.554	824 to 849	Pass
					4.30	839.491	848.538	824 to 849	Pass
				-30	3.70	839.491	848.541	824 to 849	Pass
				-10	3.70	839.493	848.536	824 to 849	Pass



				0	3.70	839.511	848.540	824 to 849	Pass
				10	3.70	839.489	848.555	824 to 849	Pass
				30	3.70	839.505	848.561	824 to 849	Pass
				40	3.70	839.506	848.527	824 to 849	Pass
				50	3.70	839.503	848.542	824 to 849	Pass

***** End of Report *****