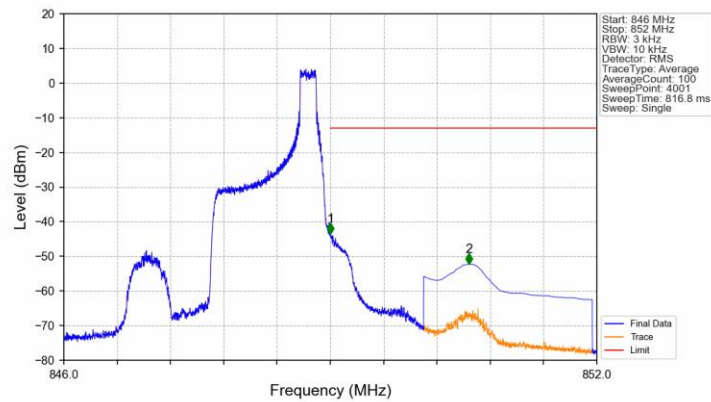
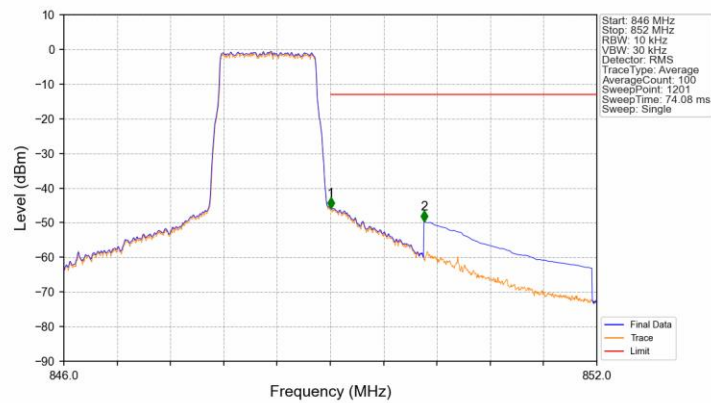


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-43.50	-13	Pass
850	852	0.1	CHP	2	850.560	-52.20	-13	Pass

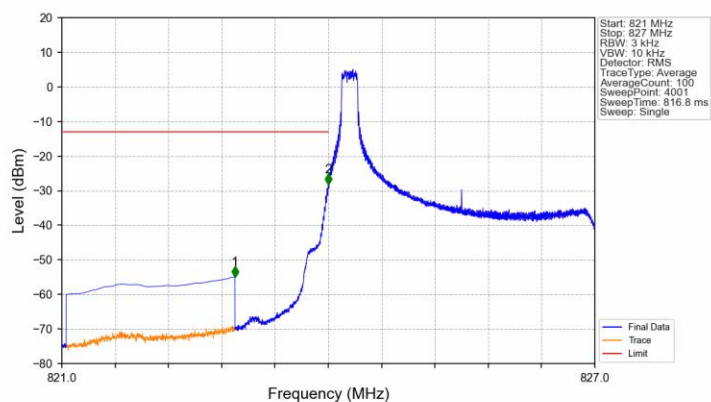
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-45.88	-13	Pass
850	852	0.1	CHP	2	850.055	-49.76	-13	Pass

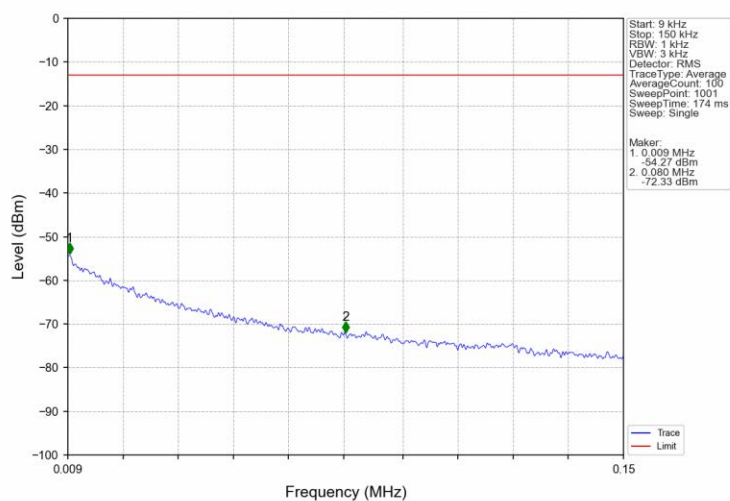
6.2.2 B5_3MHz

Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTN

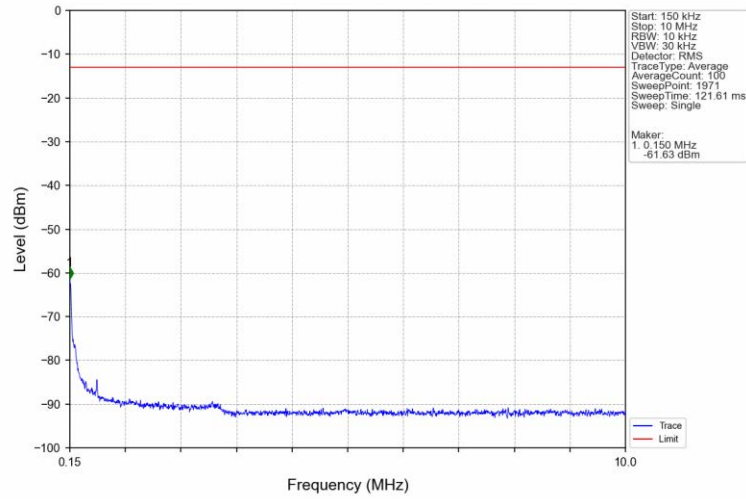


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.947	-54.93	-13	Pass
823	824	0.003	/	2	823.999	-28.16	-13	Pass
824	827	0.003	/	/	/	/	/	/

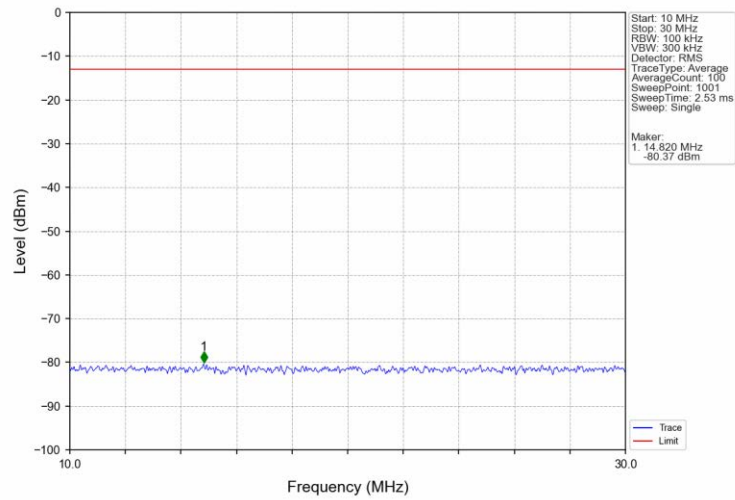
Band5 3MHz QPSK LCH 825.5MHz RB 1 0 NTN



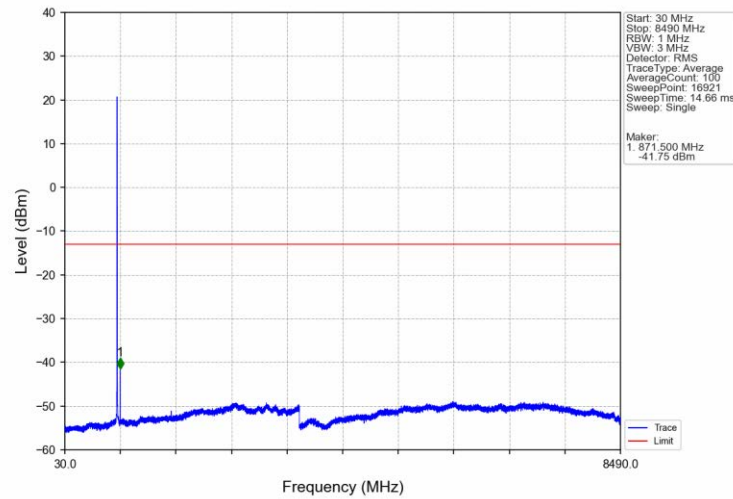
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



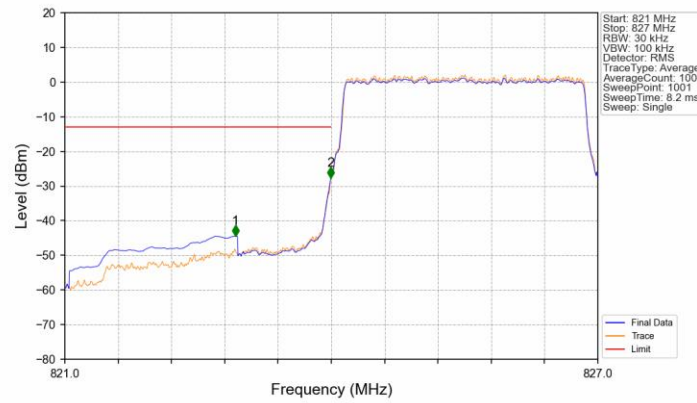
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

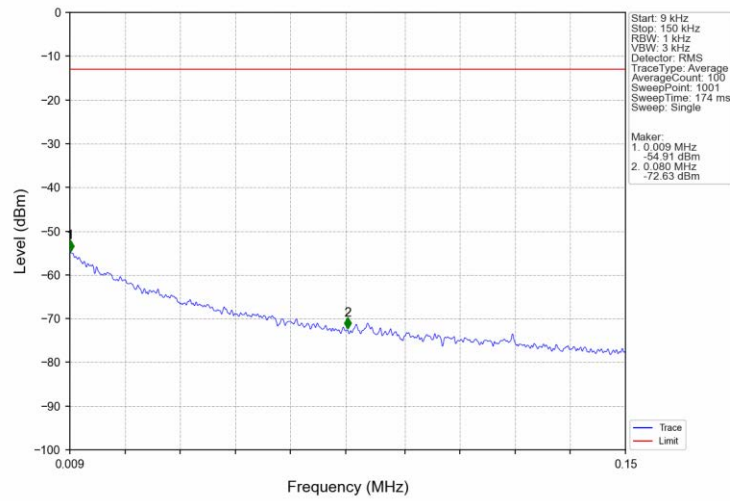


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

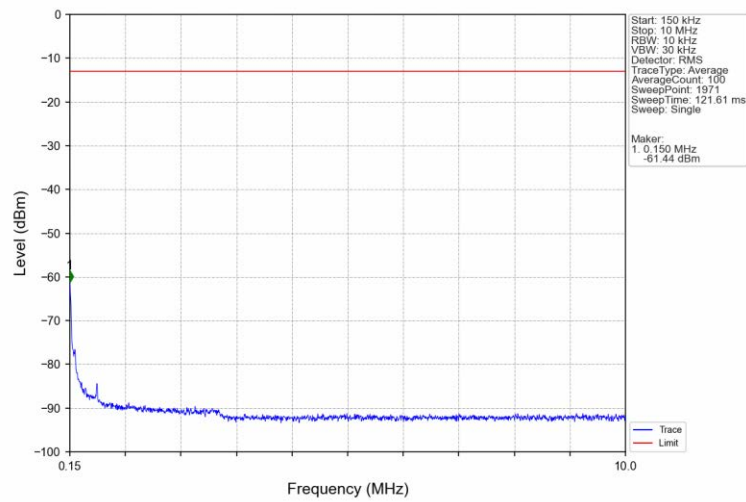


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.920	-44.48	-13	Pass
823	824	0.031	CHP	2	823.994	-27.60	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

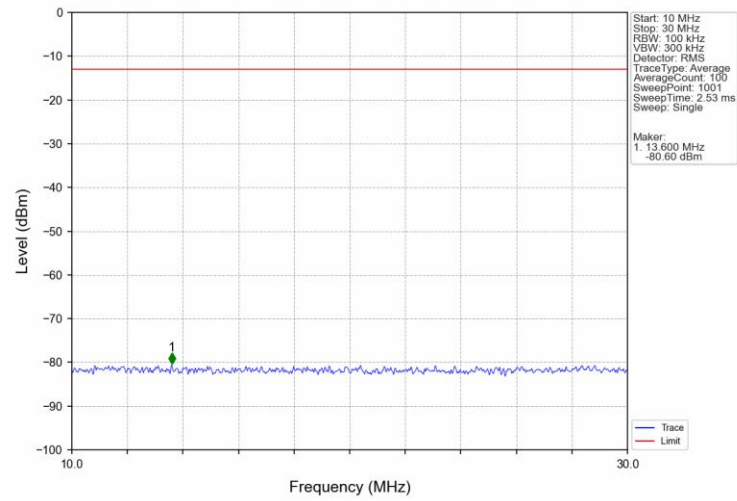
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



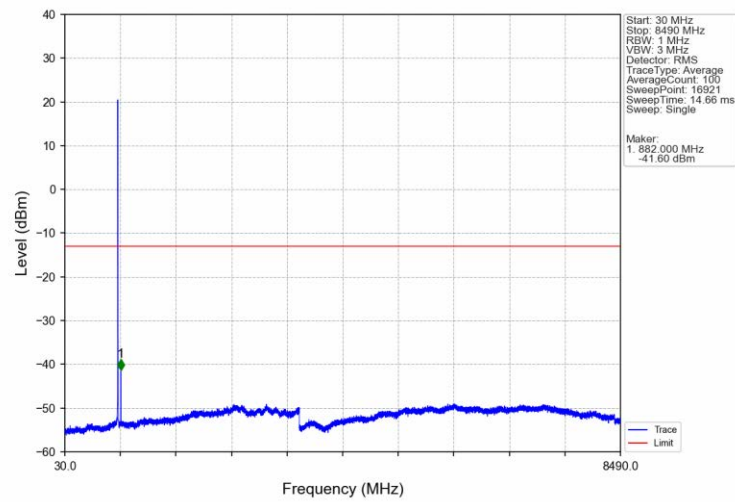
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



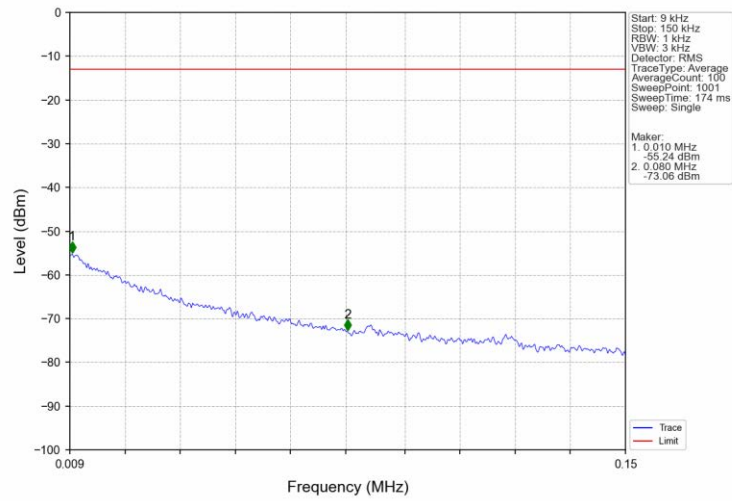
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



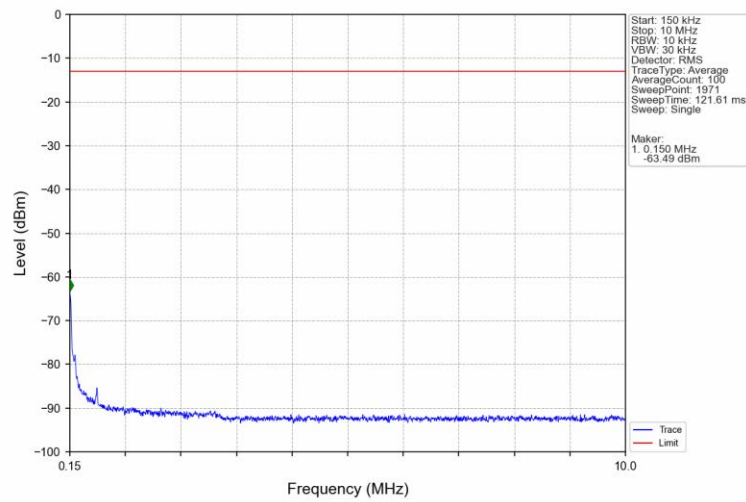
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



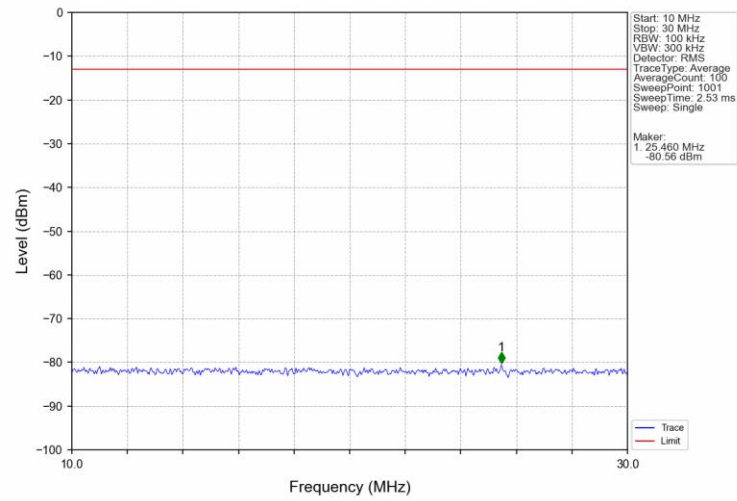
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



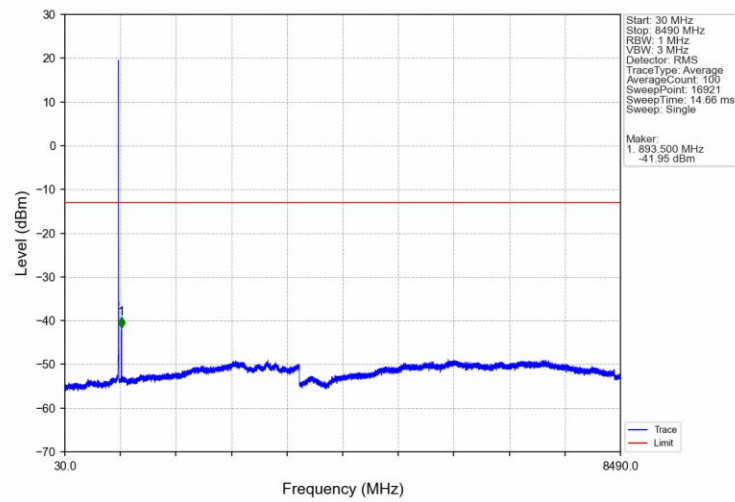
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



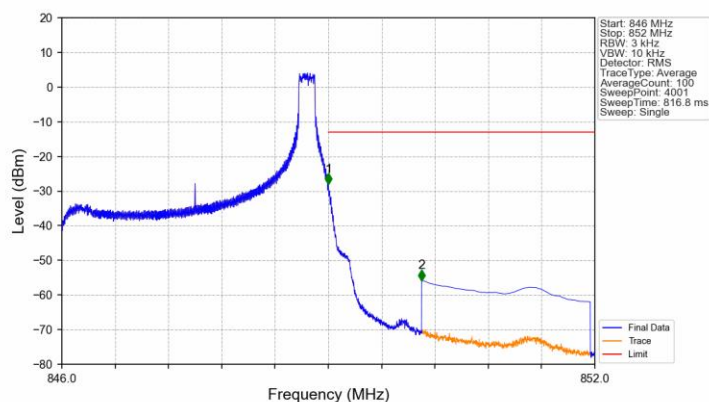
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

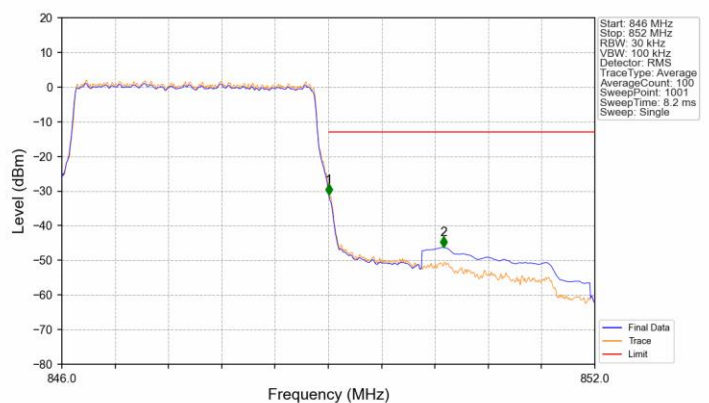


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



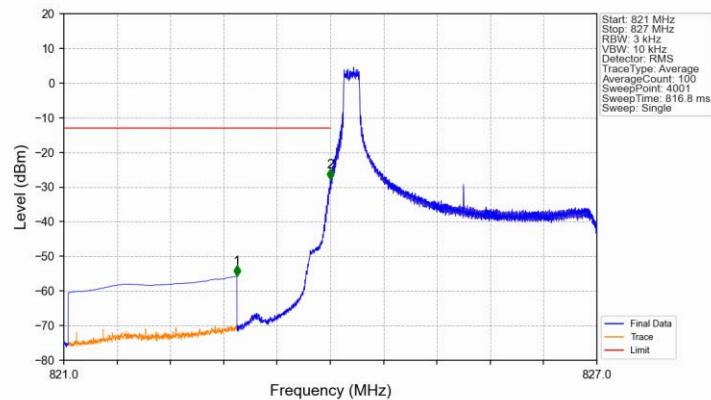
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-27.99	-13	Pass
850	852	0.1	CHP	2	850.052	-55.81	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



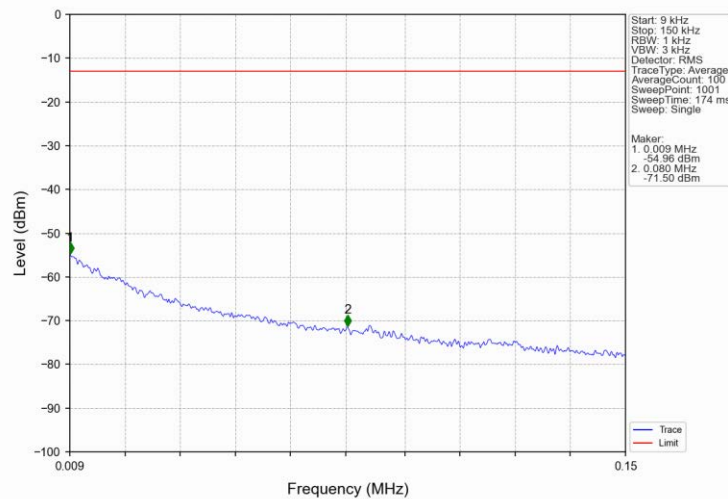
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-31.20	-13	Pass
850	852	0.1	CHP	2	850.296	-46.23	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

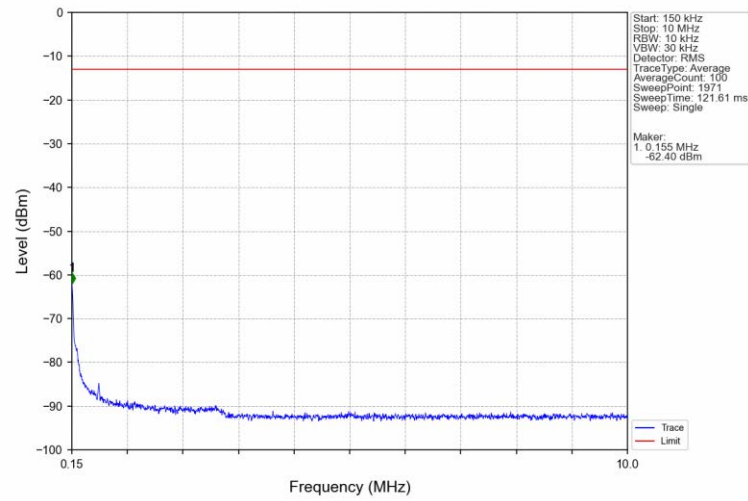


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-55.72	-13	Pass
823	824	0.003	/	2	823.999	-27.86	-13	Pass
824	827	0.003	/	/	/	/	/	/

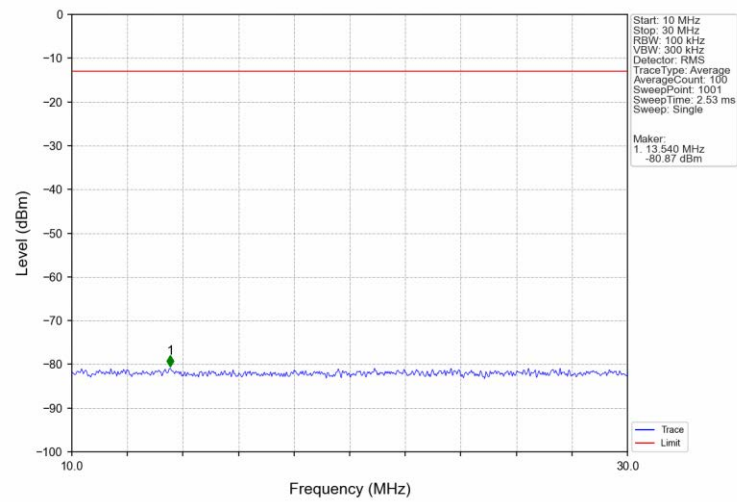
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



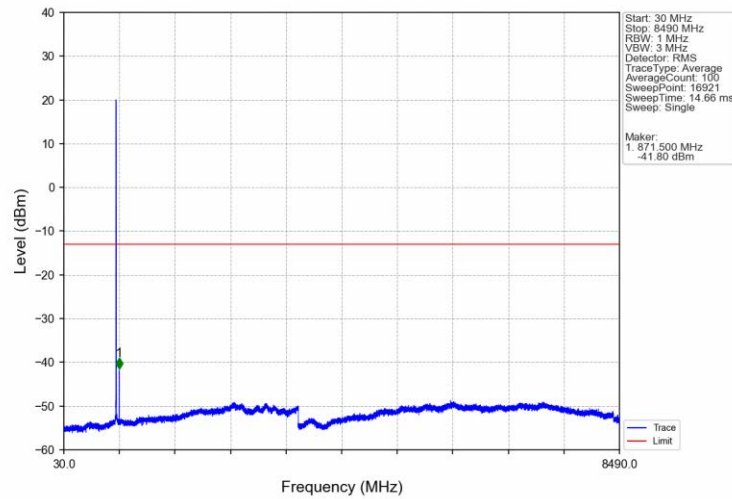
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



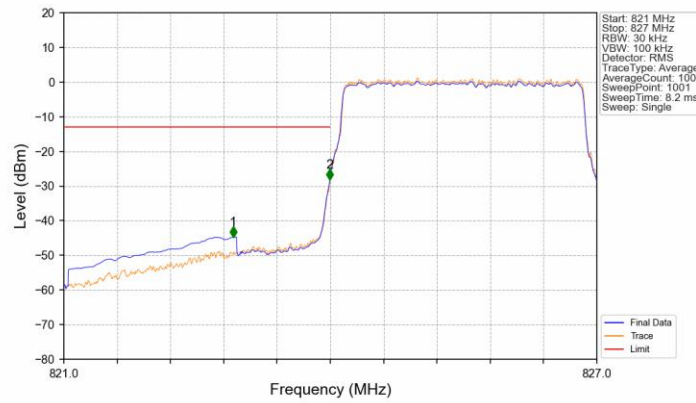
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

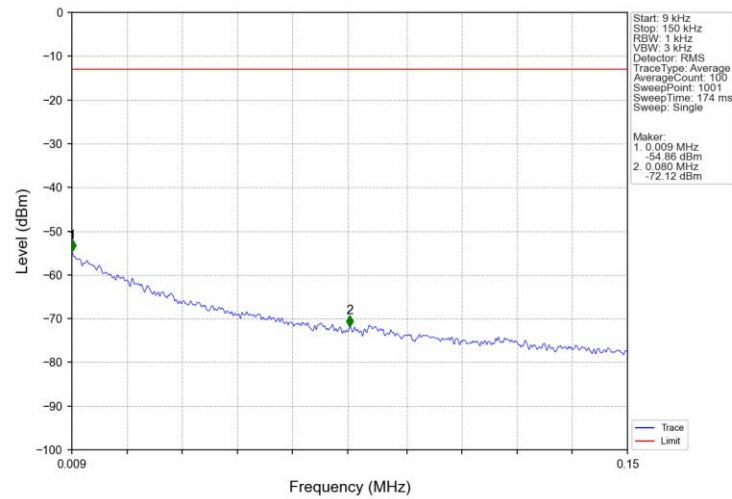


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

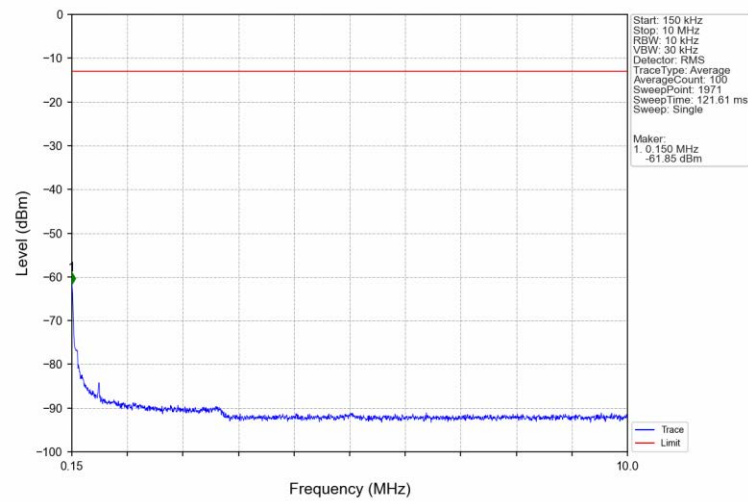


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.908	-44.71	-13	Pass
823	824	0.031	CHP	2	823.994	-28.25	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

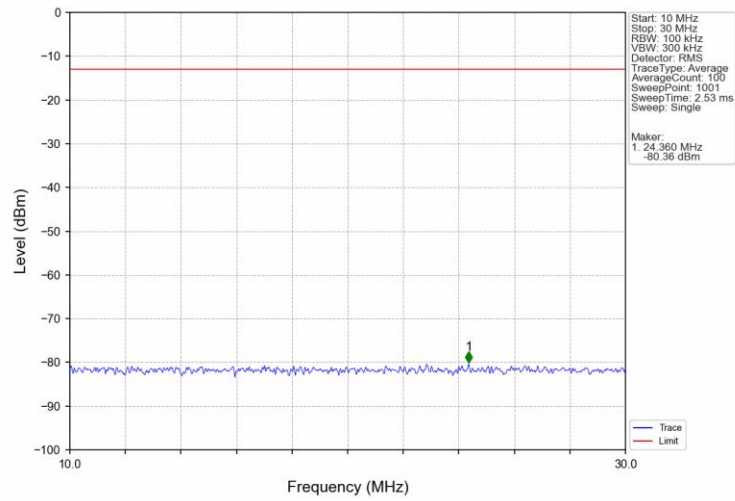
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



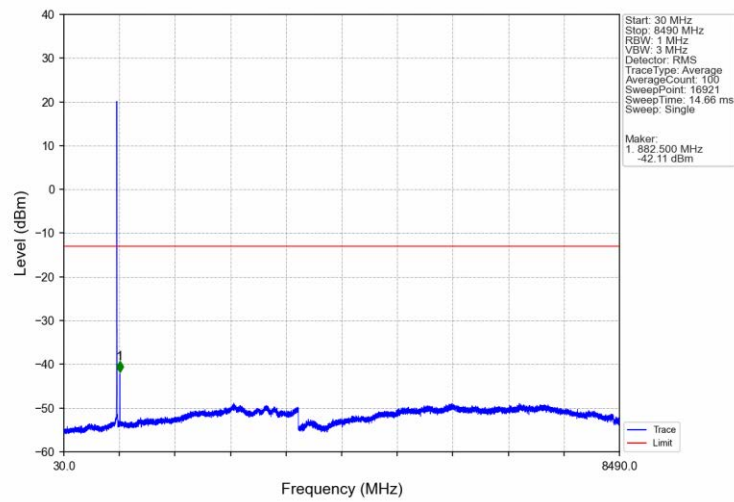
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



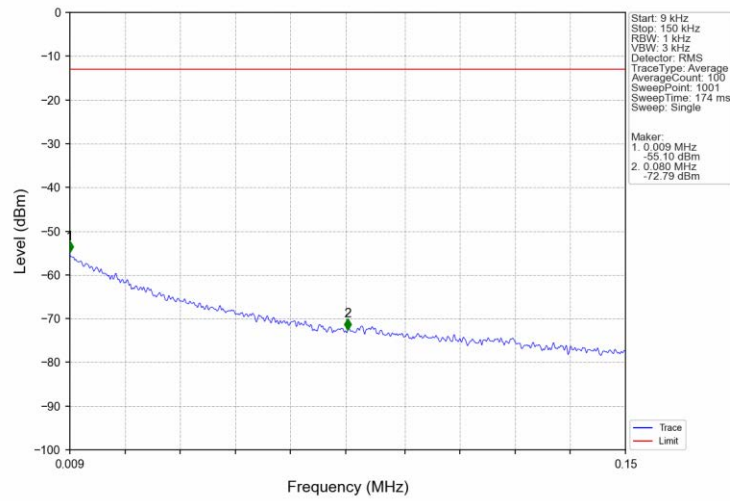
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



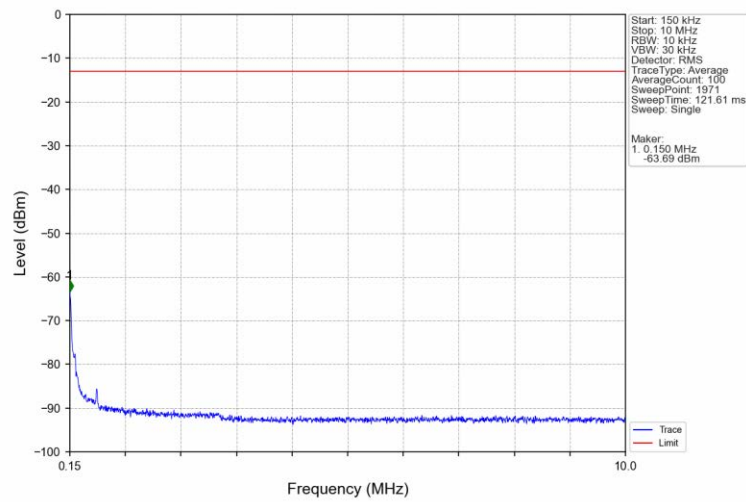
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



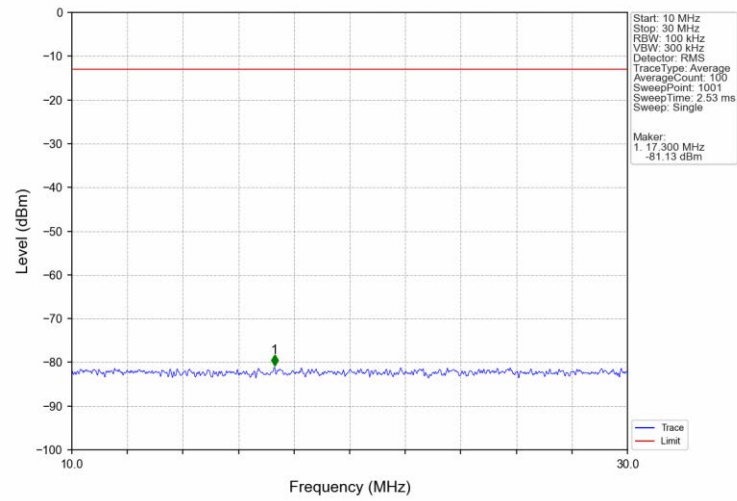
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



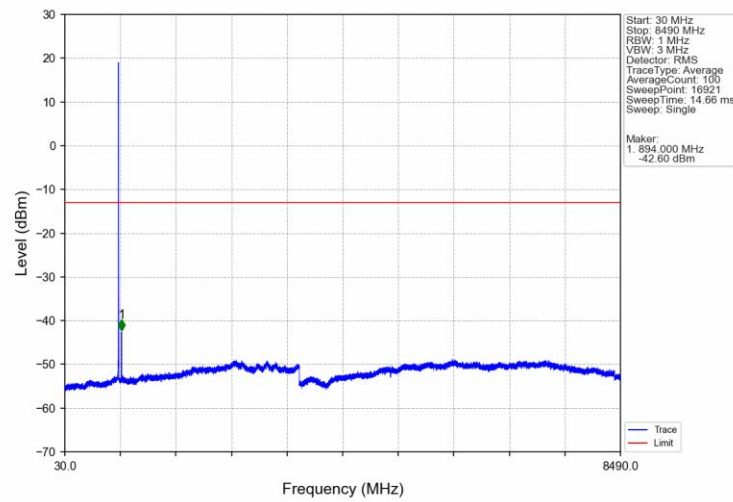
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



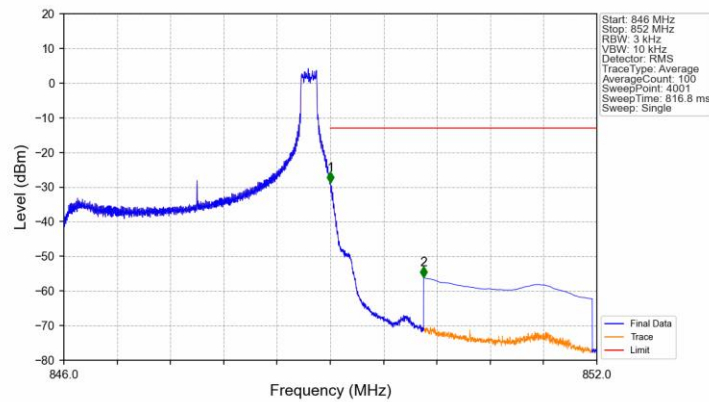
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

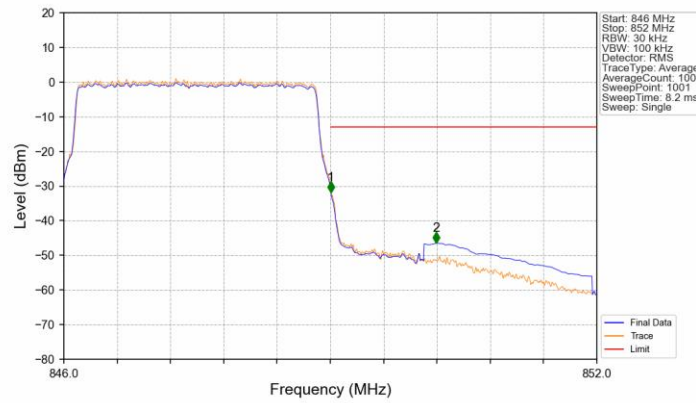


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-28.78	-13	Pass
850	852	0.1	CHP	2	850.052	-56.07	-13	Pass

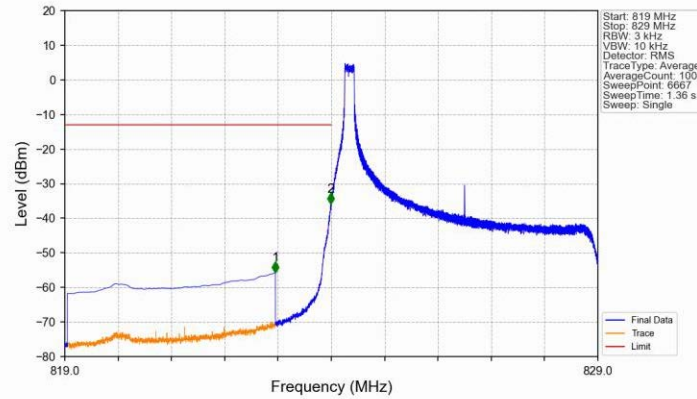
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-31.88	-13	Pass
850	852	0.1	CHP	2	850.194	-46.51	-13	Pass

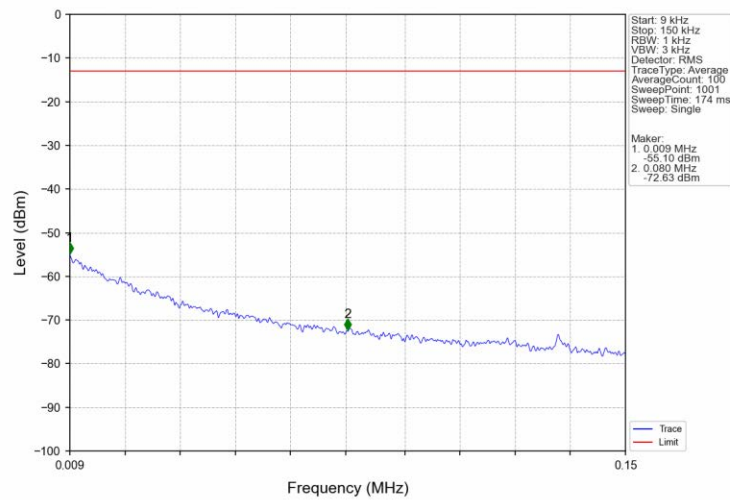
6.2.3 B5_5MHz

Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTN

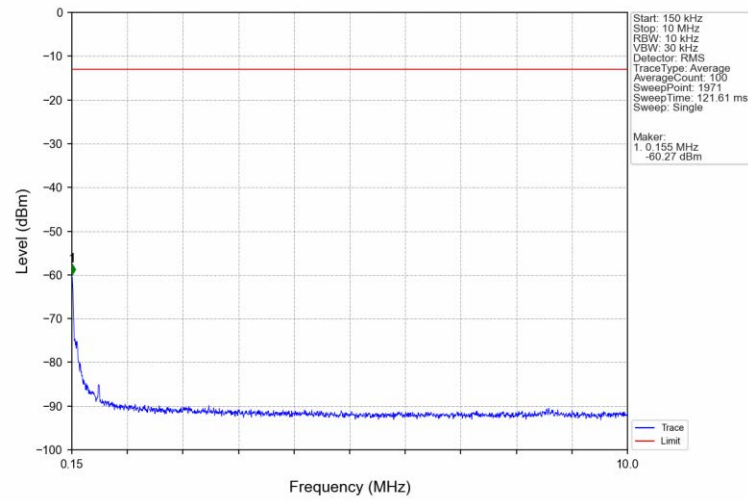


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-55.73	-13	Pass
823	824	0.003	/	2	823.989	-35.94	-13	Pass
824	829	0.003	/	/	/	/	/	/

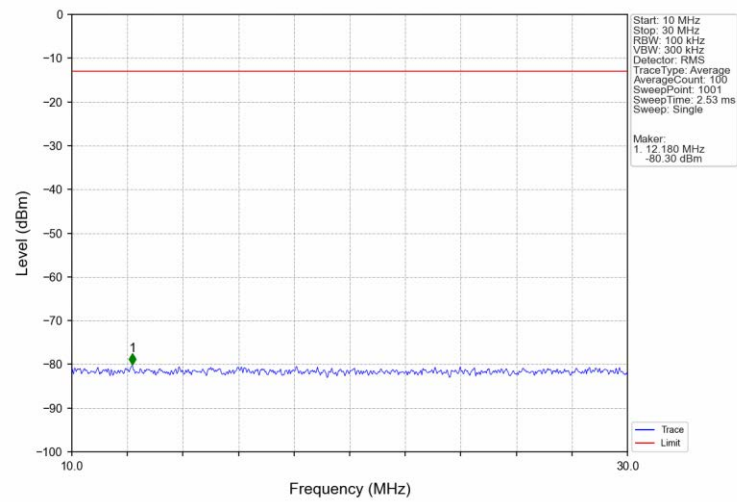
Band5 5MHz QPSK LCH 826.5MHz RB 1 0 NTN



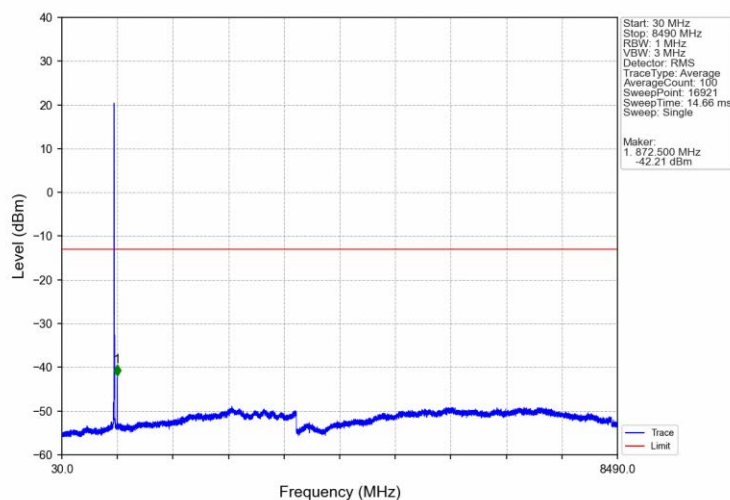
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



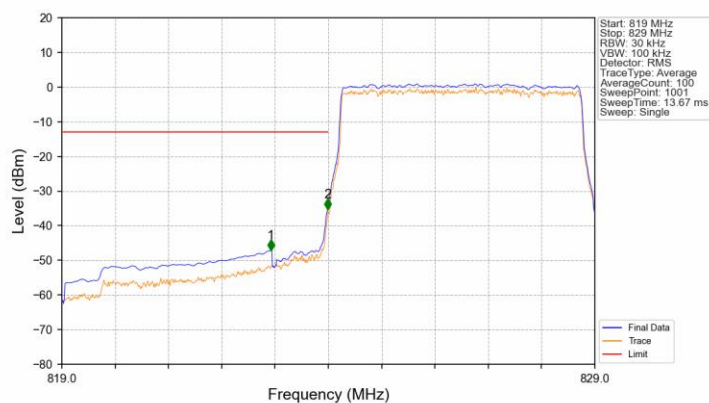
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

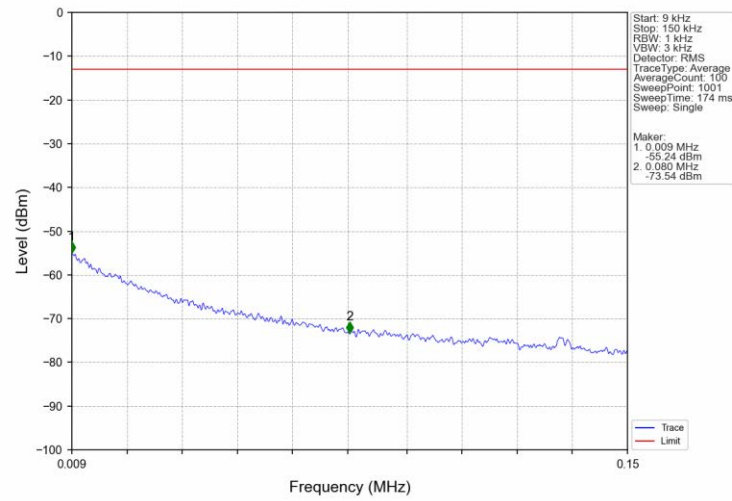


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

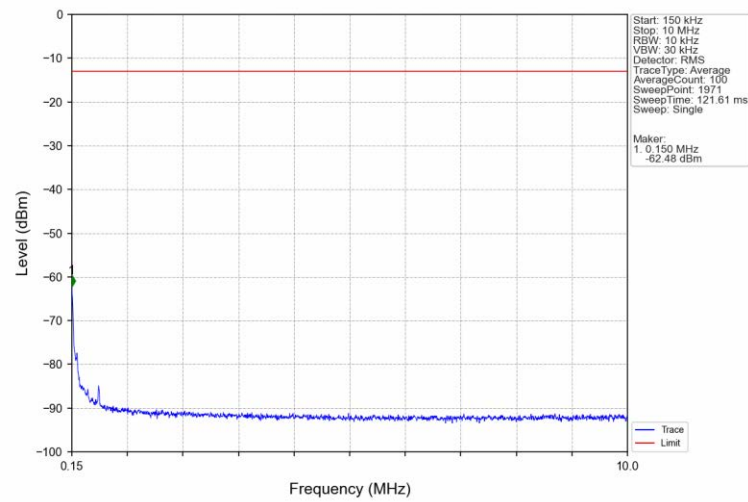


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.920	-47.17	-13	Pass
823	824	0.05	CHP	2	823.990	-35.24	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

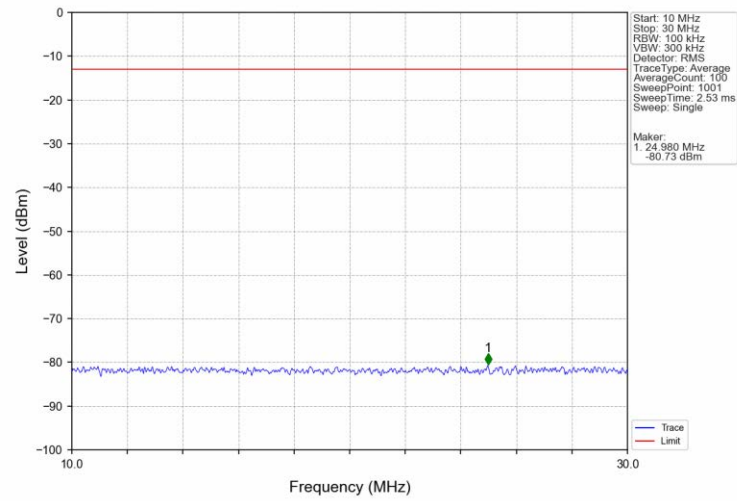
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



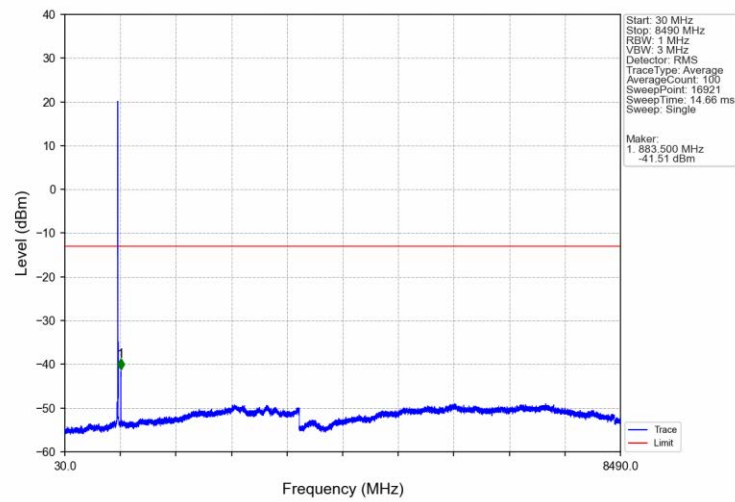
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



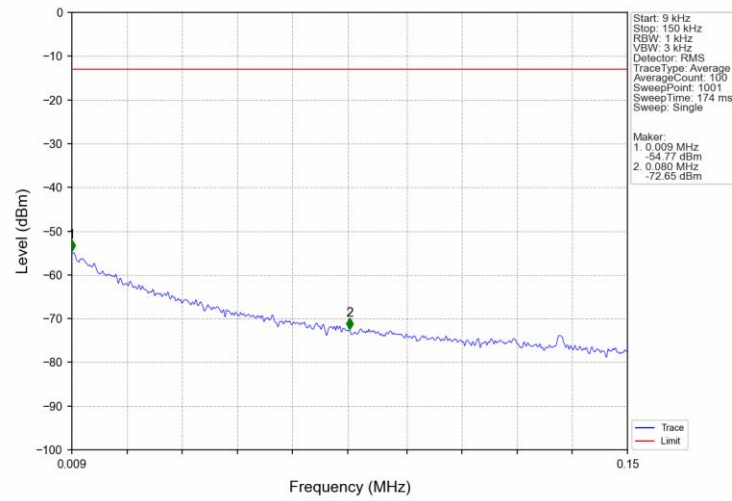
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



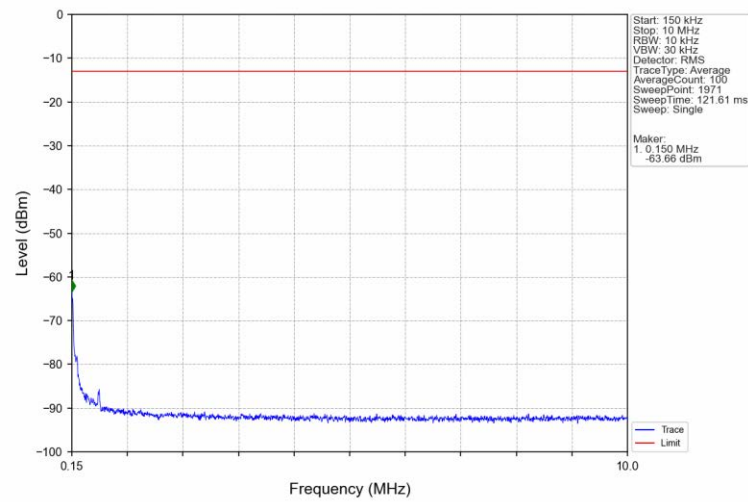
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



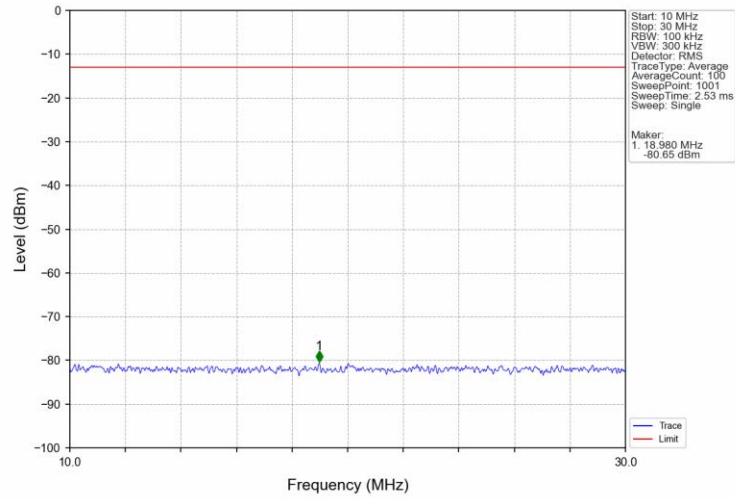
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



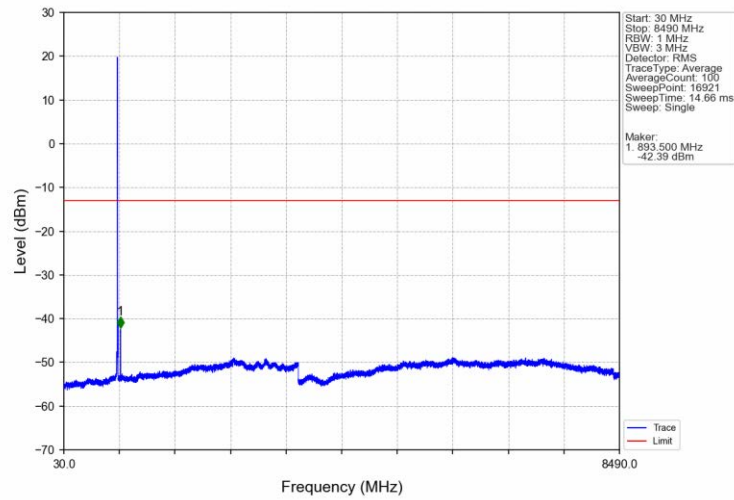
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



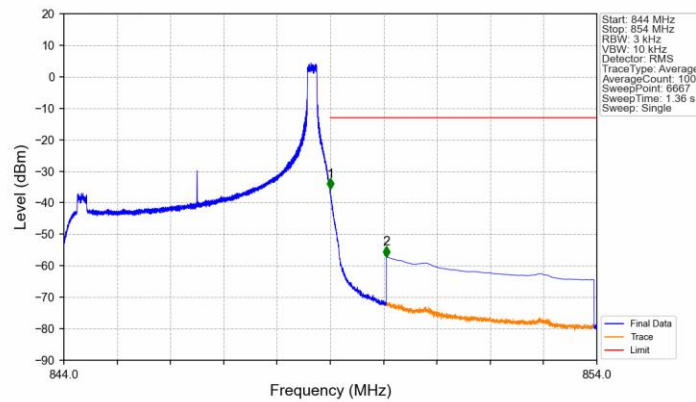
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

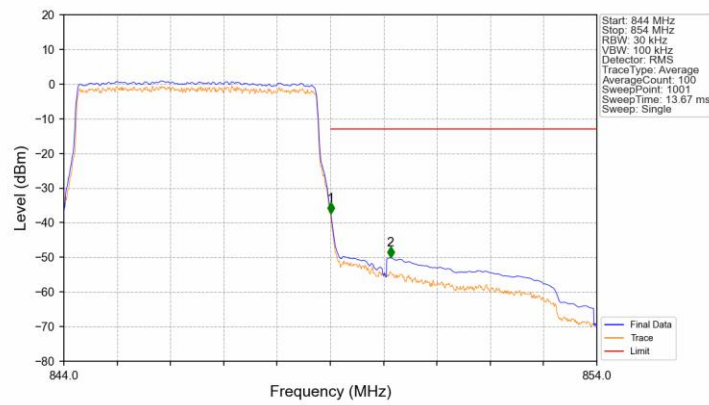


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



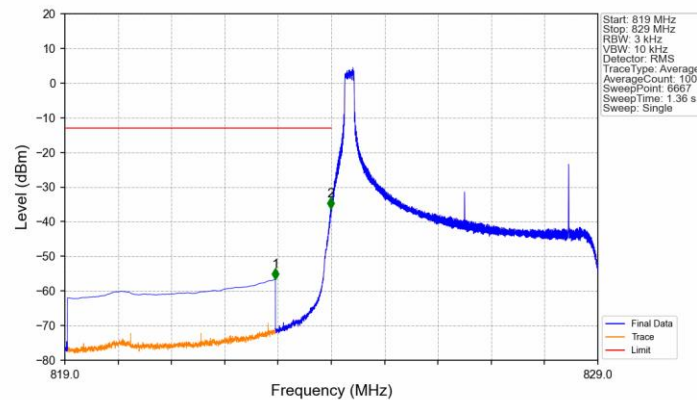
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.71	-13	Pass
850	854	0.1	CHP	2	850.050	-57.18	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



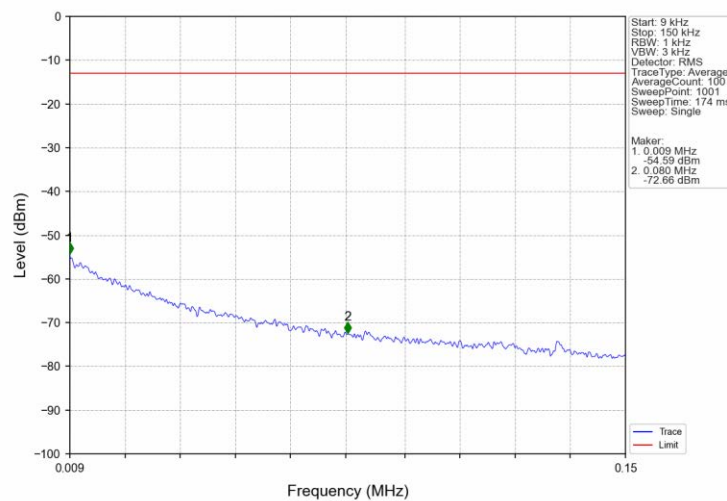
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-37.34	-13	Pass
850	854	0.1	CHP	2	850.130	-50.09	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

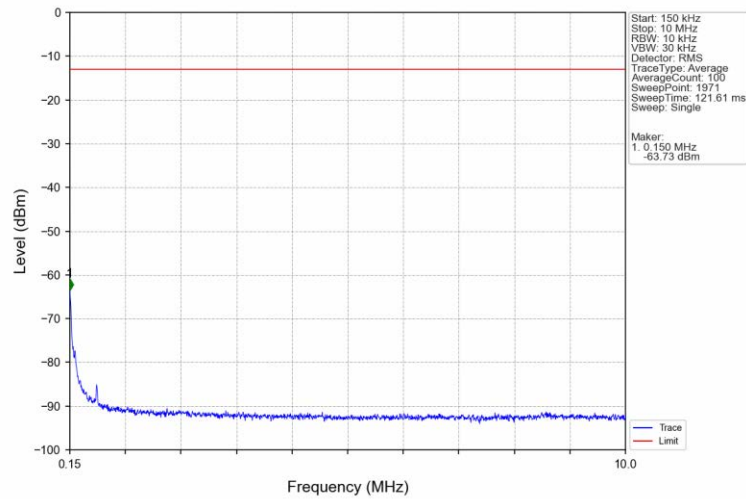


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.950	-56.63	-13	Pass
823	824	0.003	/	2	823.989	-36.24	-13	Pass
824	829	0.003	/	/	/	/	/	/

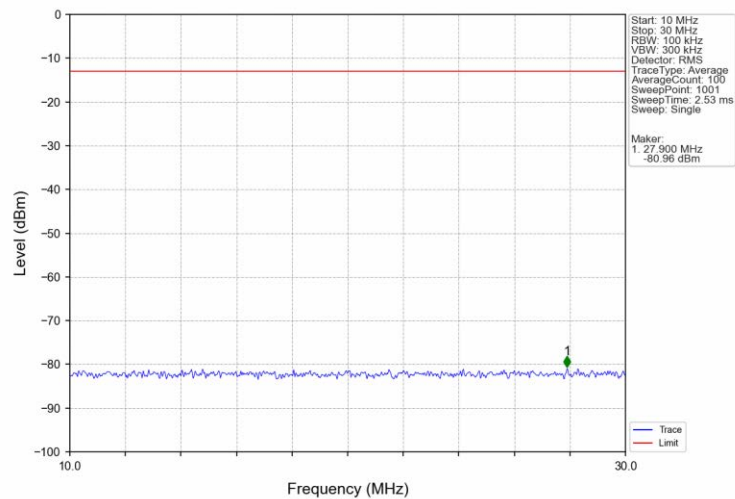
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



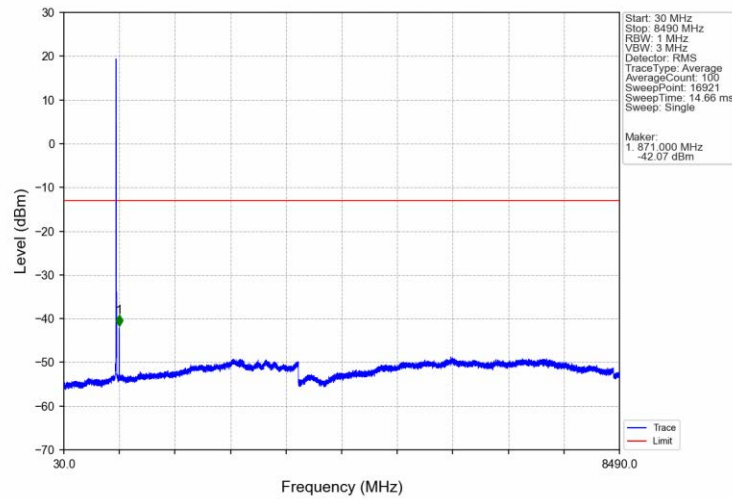
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



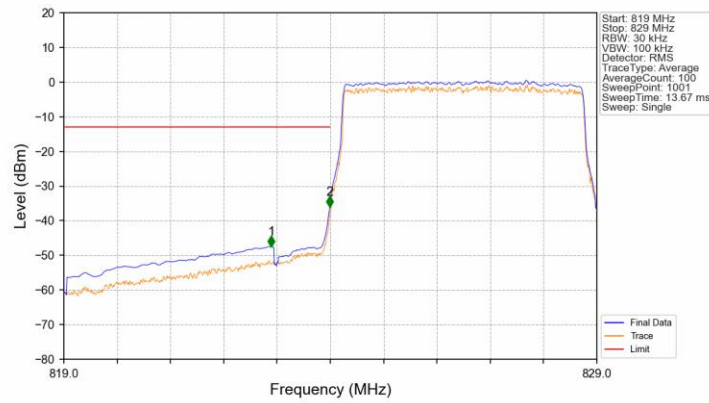
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



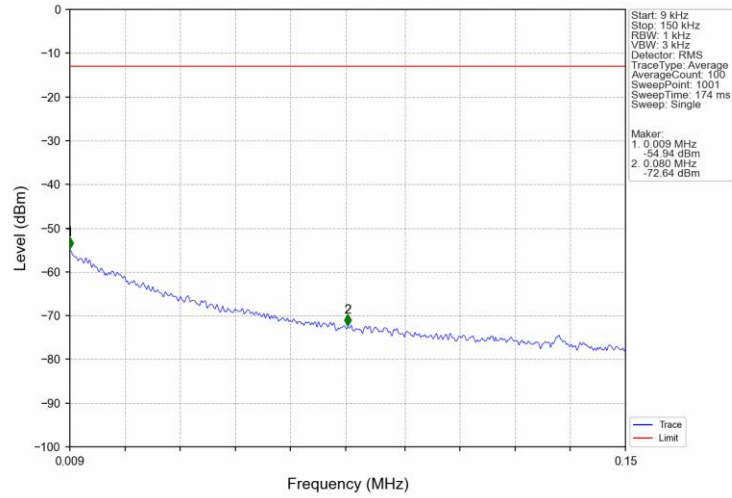
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



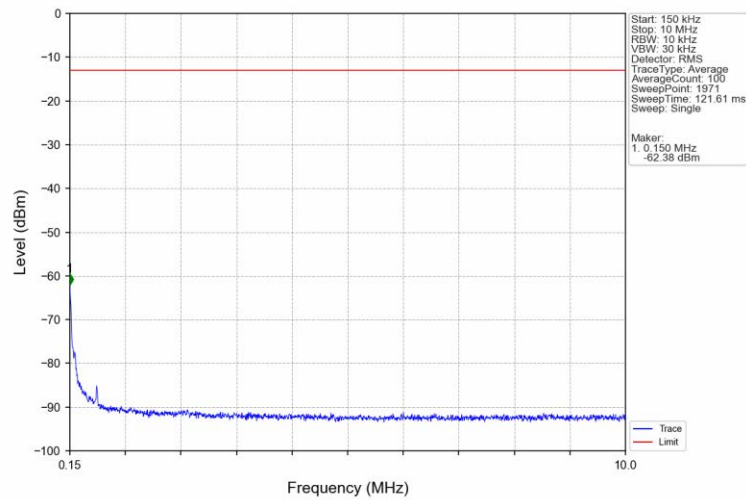
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.890	-47.46	-13	Pass
823	824	0.051	CHP	2	823.990	-35.99	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

241212036FW7

Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

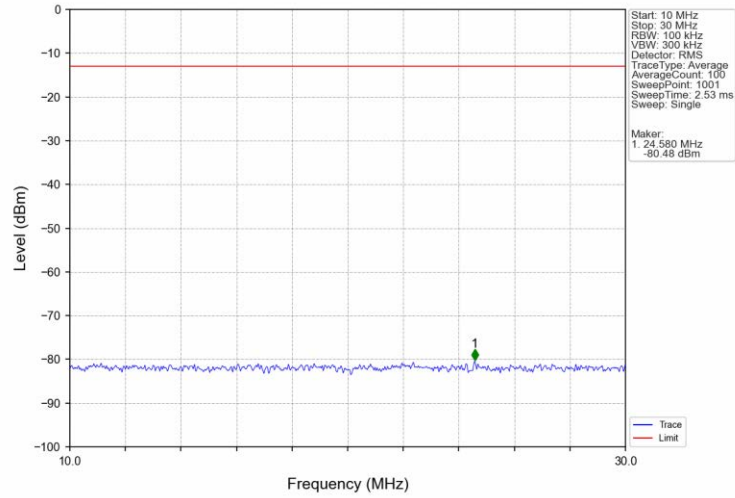


Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

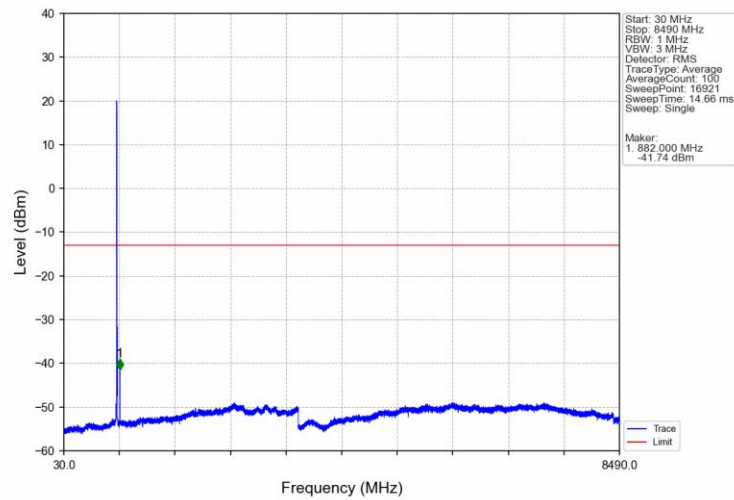


241212036FW7

Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

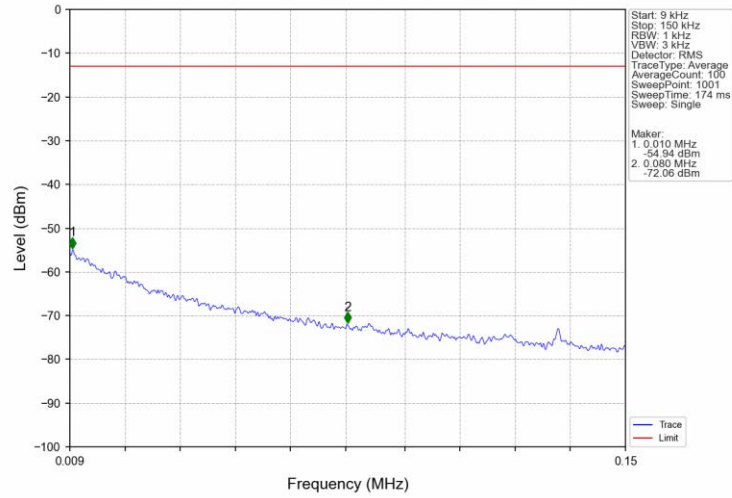


Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

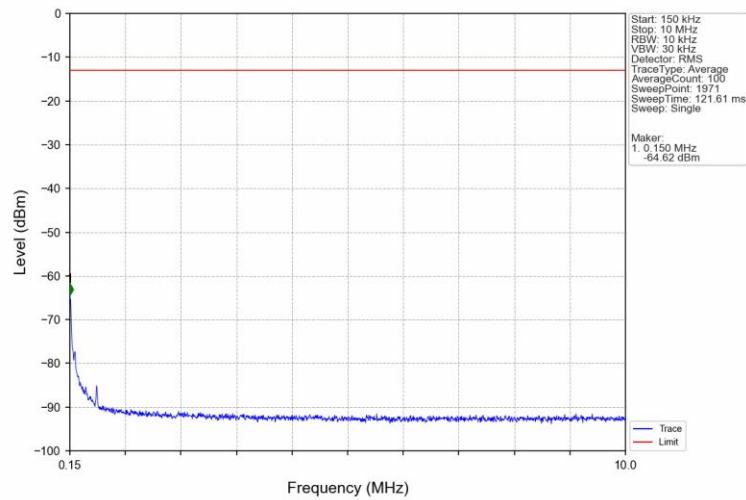


241212036FW7

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

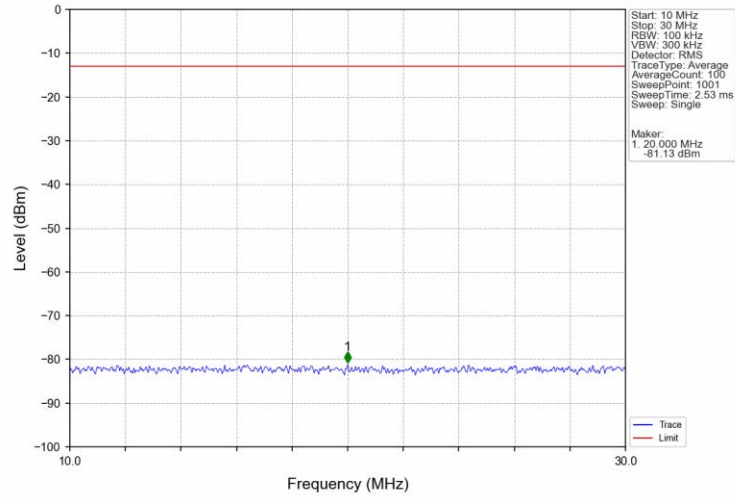


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

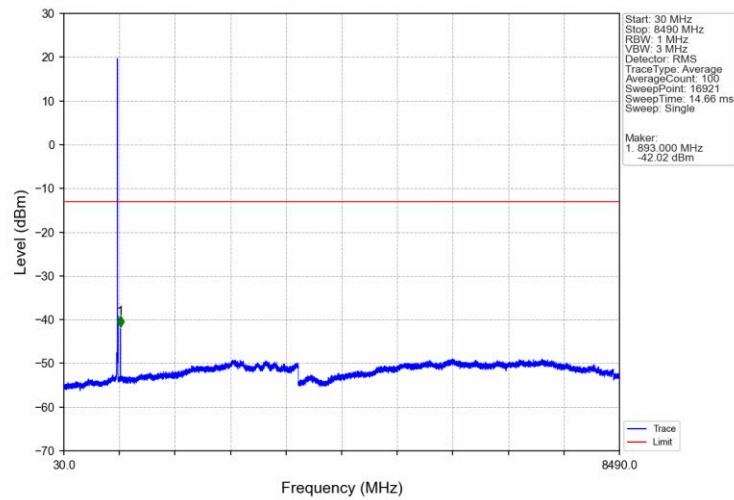


241212036FW7

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

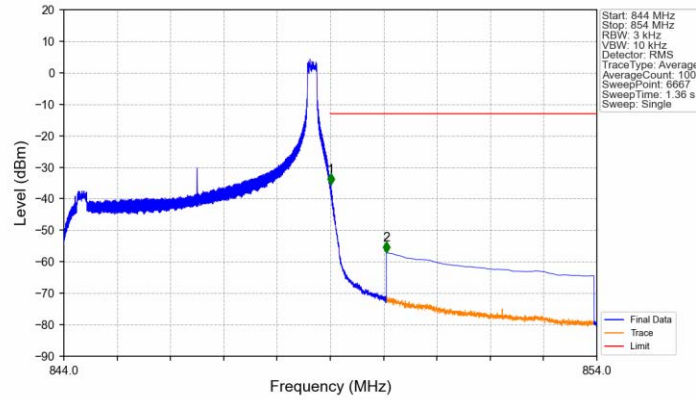


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



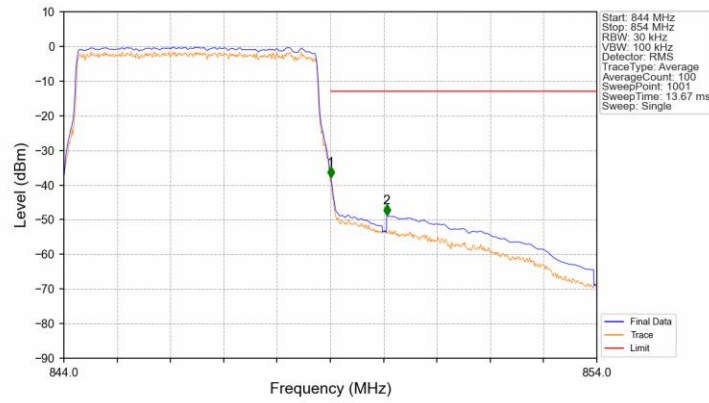
241212036FW7

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-35.48	-13	Pass
850	854	0.1	CHP	2	850.055	-57.07	-13	Pass

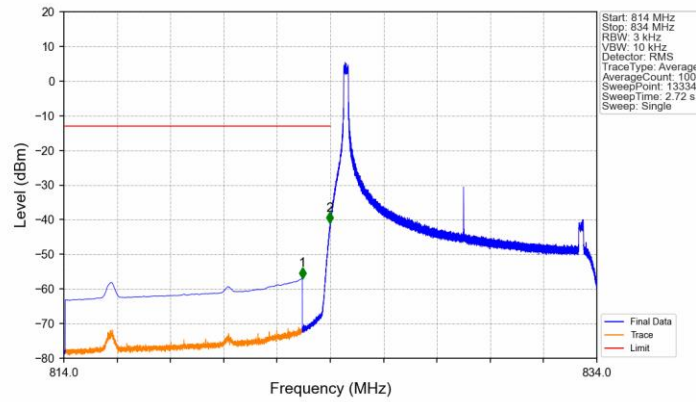
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-37.92	-13	Pass
850	854	0.1	CHP	2	850.060	-48.86	-13	Pass

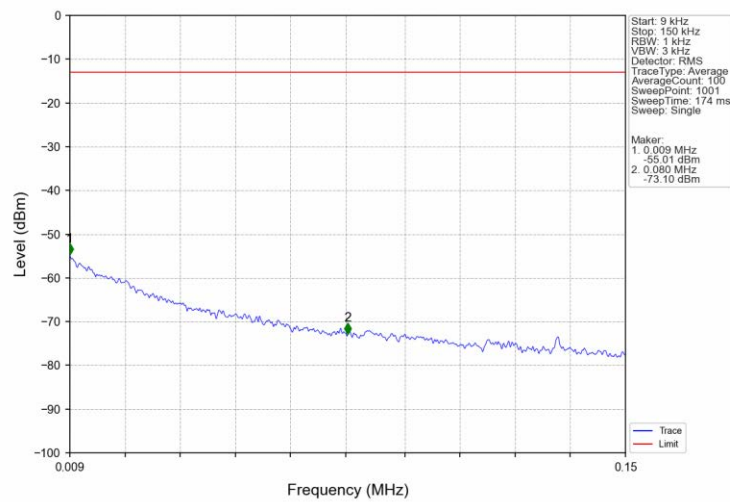
6.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



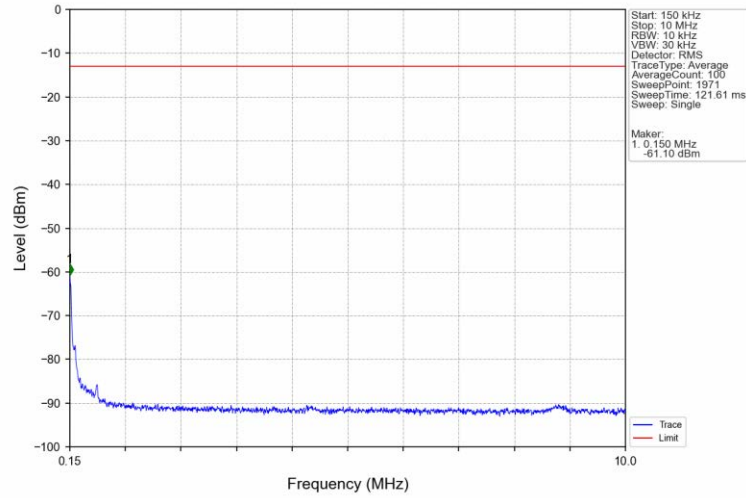
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.949	-56.90	-13	Pass
823	824	0.003	/	2	823.987	-41.01	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

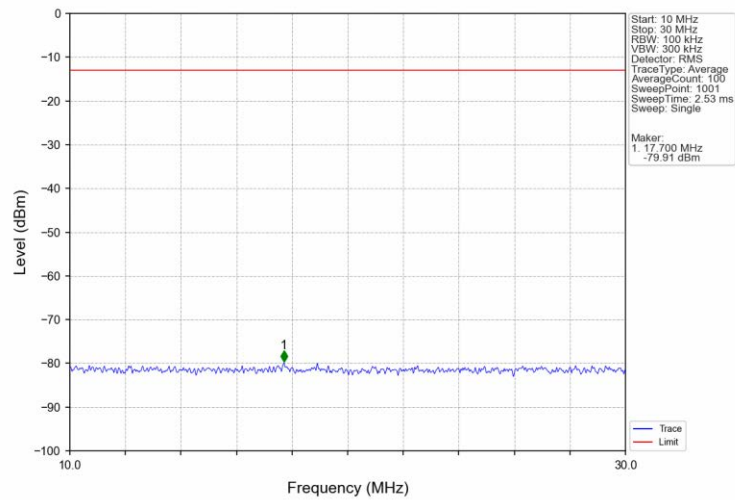


241212036FW7

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

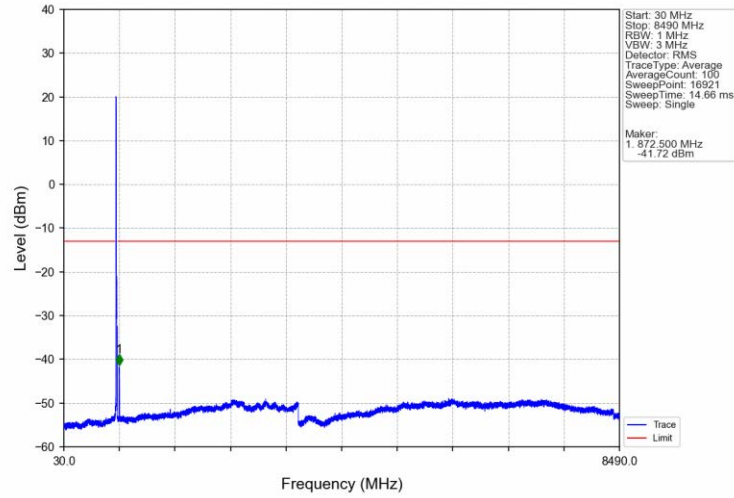


Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

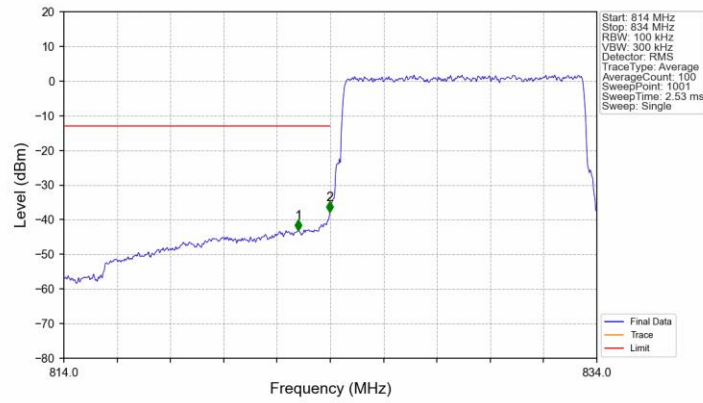


241212036FW7

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0 NTN



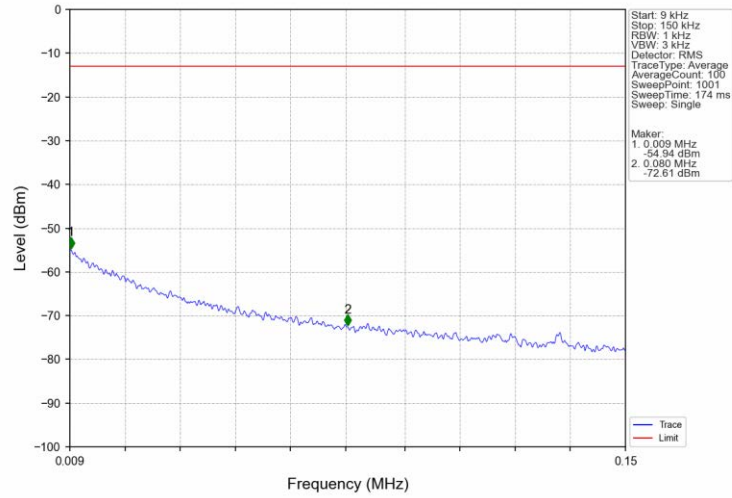
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0 NTN



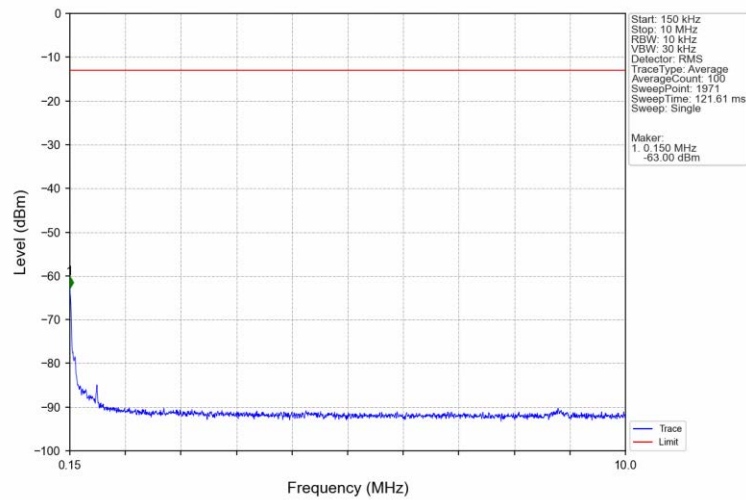
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.800	-43.09	-13	Pass
823	824	0.1	/	2	823.980	-37.94	-13	Pass
824	834	0.1	/	/	/	/	/	/

241212036FW7

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

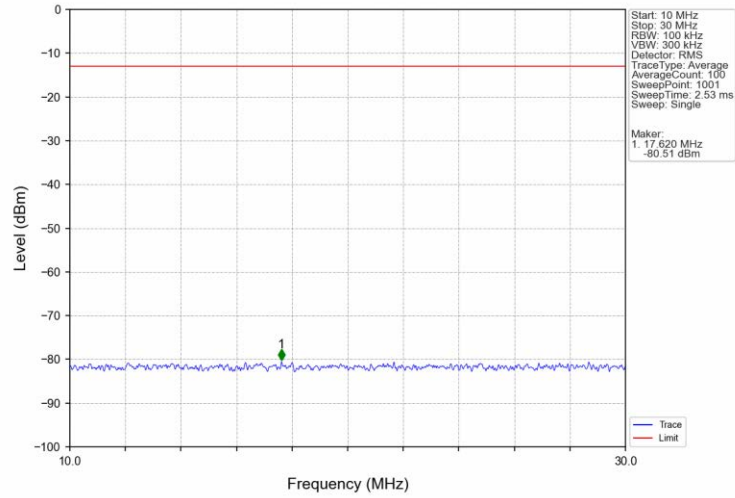


Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

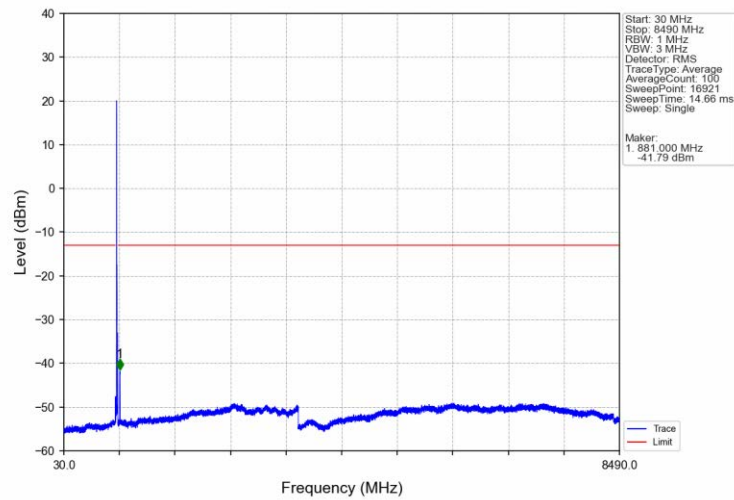


241212036FW7

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

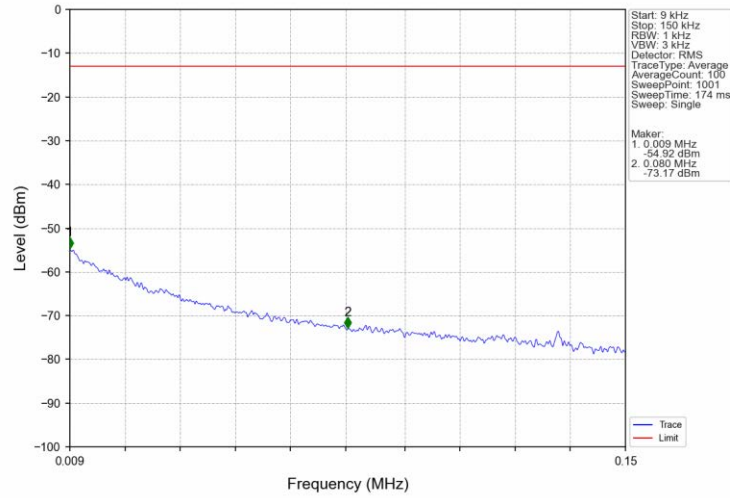


Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

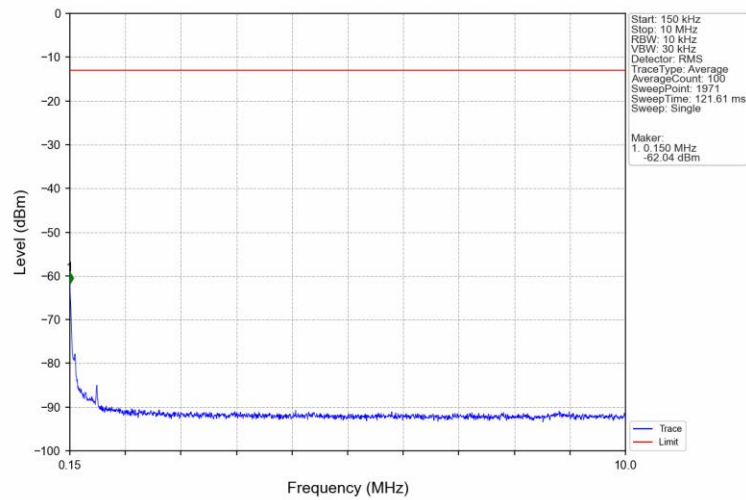


241212036FW7

Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

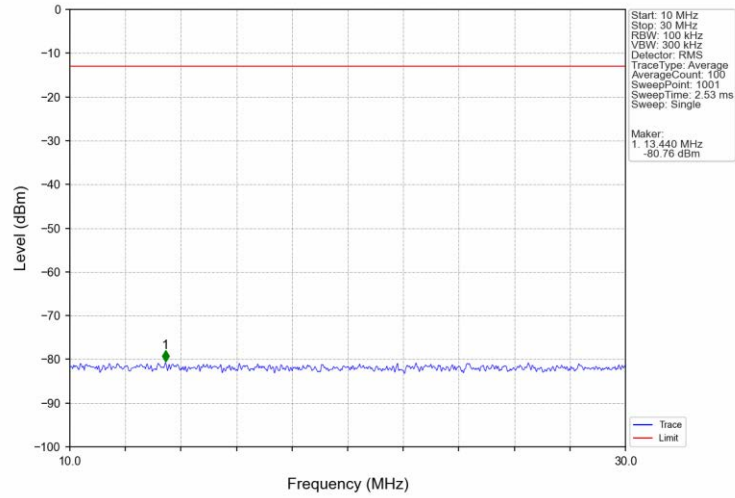


Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

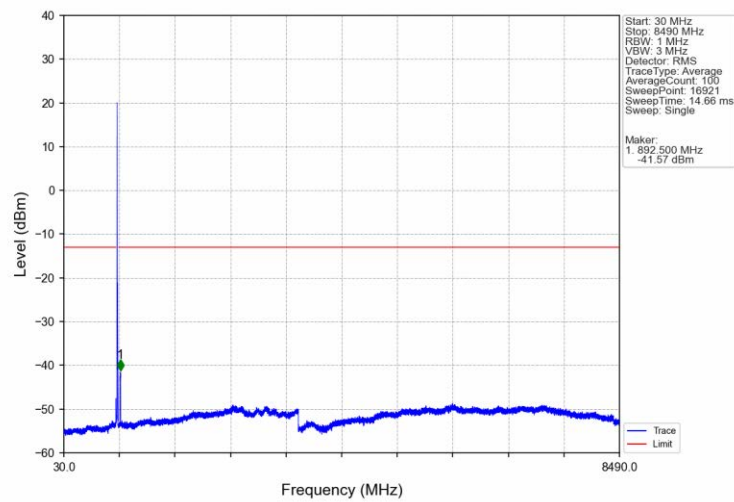


241212036FW7

Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

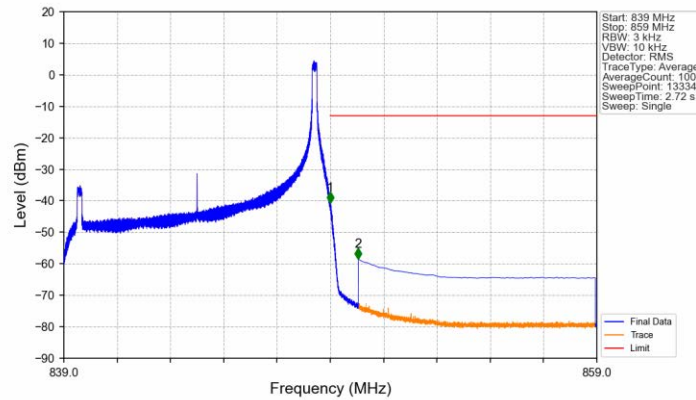


Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



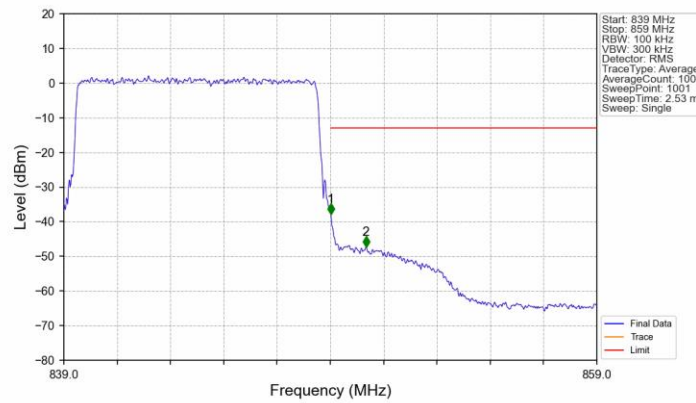
241212036FW7

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	-40.70	-13	Pass
850	859	0.1	CHP	2	850.051	-58.53	-13	Pass

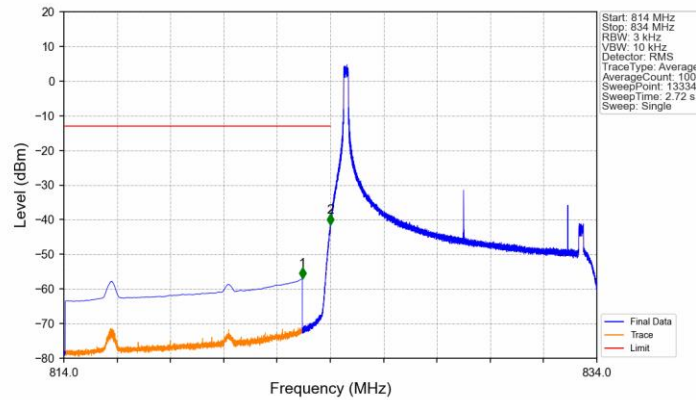
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



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	-37.85	-13	Pass
850	859	0.1	/	2	850.340	-47.26	-13	Pass

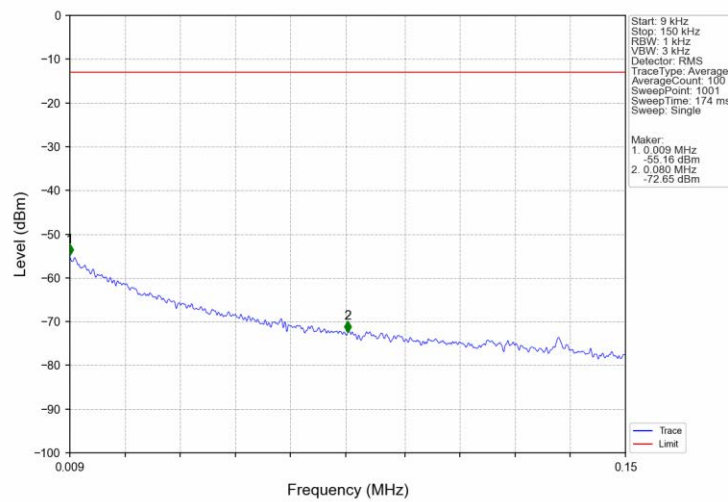
241212036FW7

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



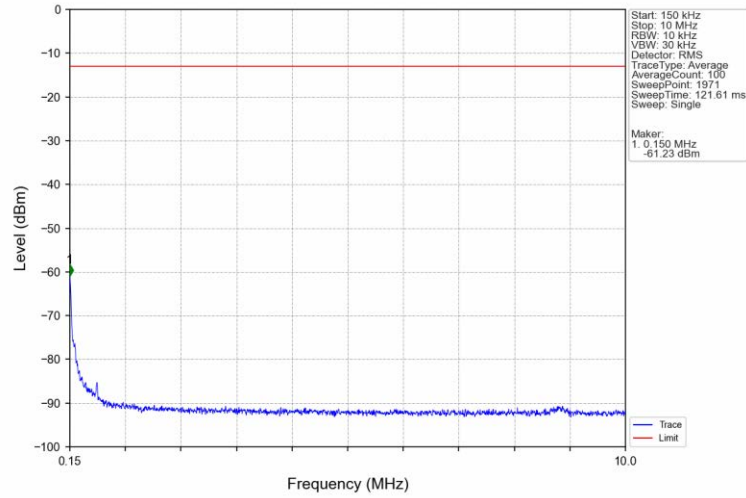
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.949	-57.02	-13	Pass
823	824	0.003	/	2	823.999	-41.54	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

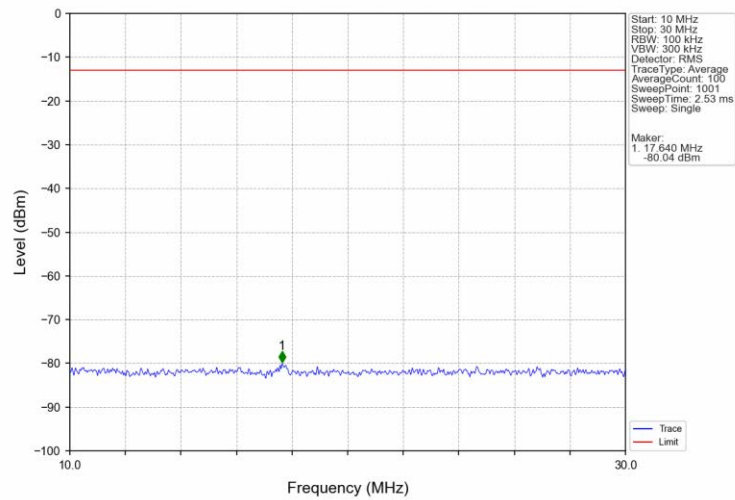


241212036FW7

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

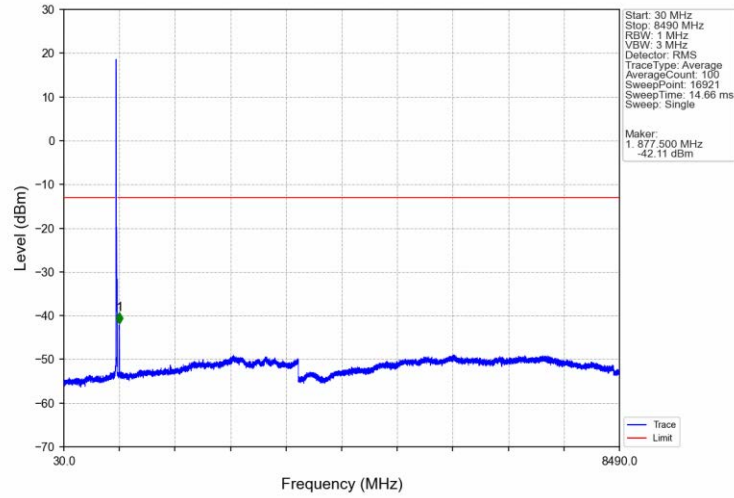


Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

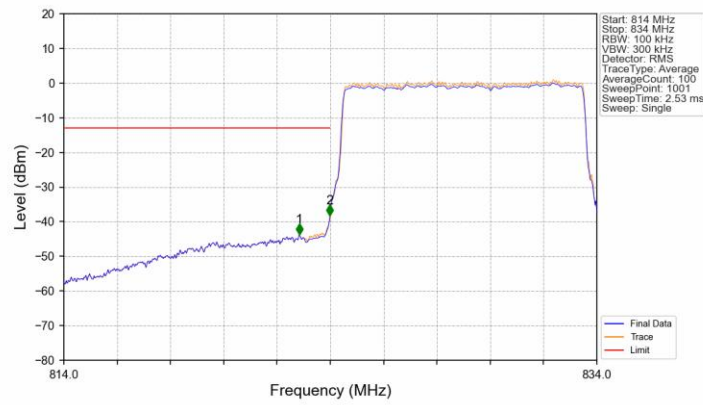


241212036FW7

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



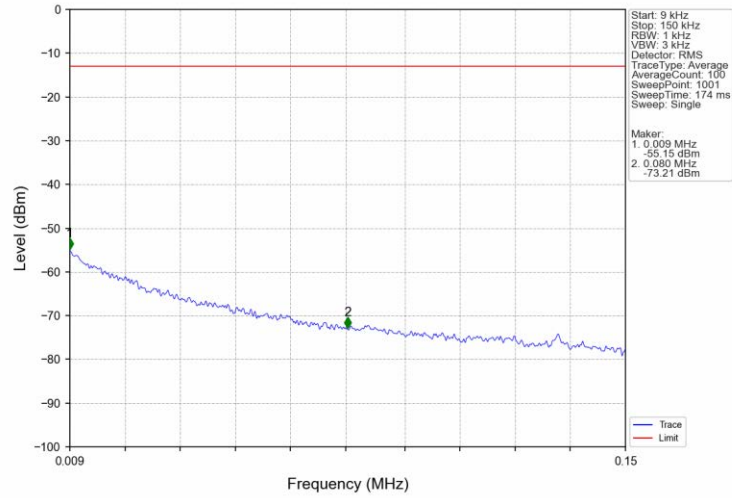
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



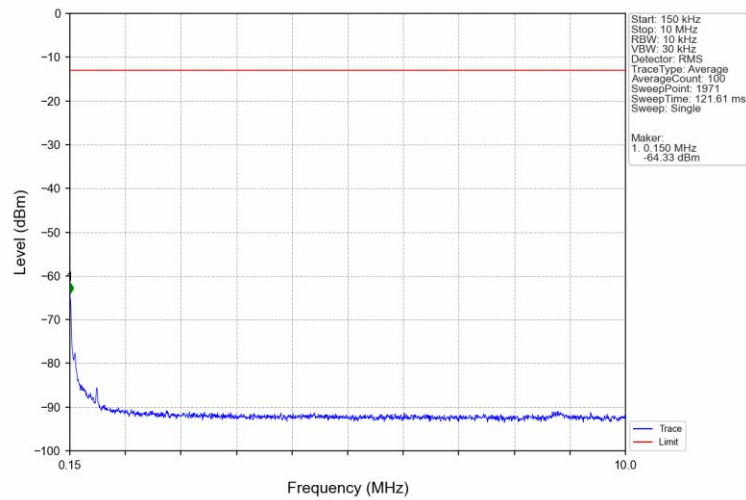
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.840	-43.66	-13	Pass
823	824	0.101	CHP	2	823.980	-38.29	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

241212036FW7

Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

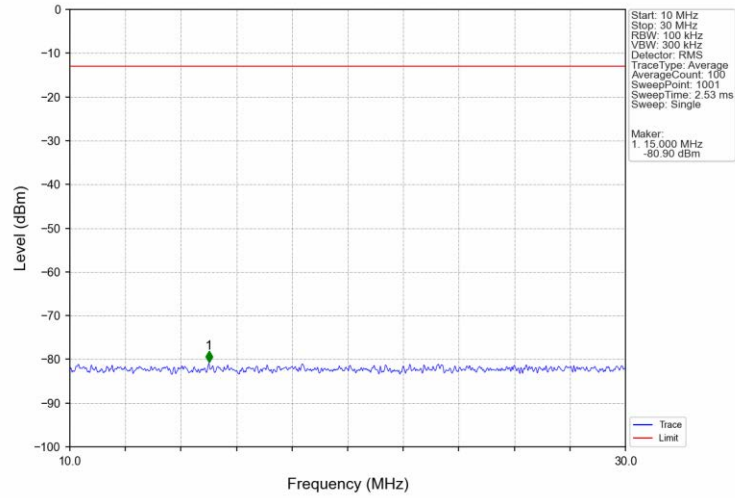


Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

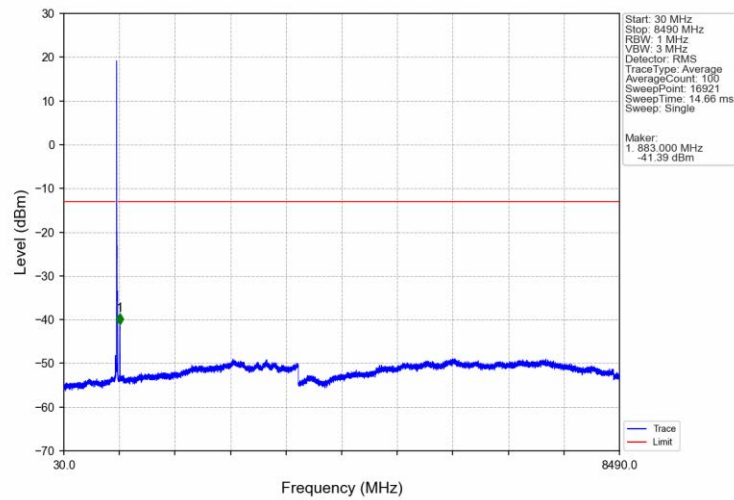


241212036FW7

Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

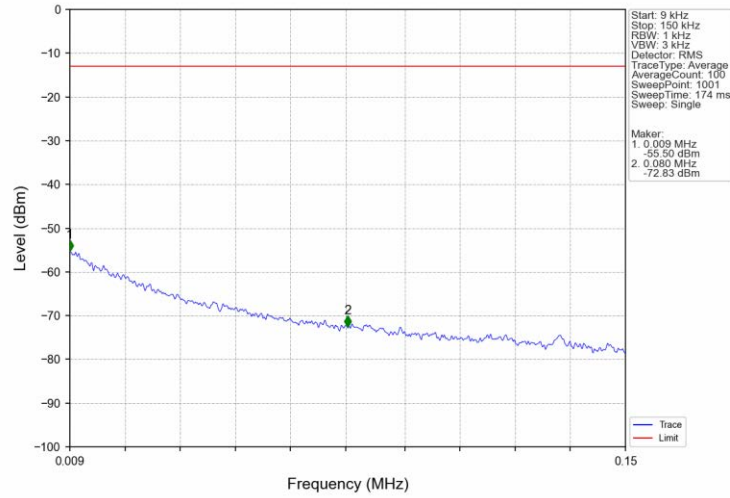


Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

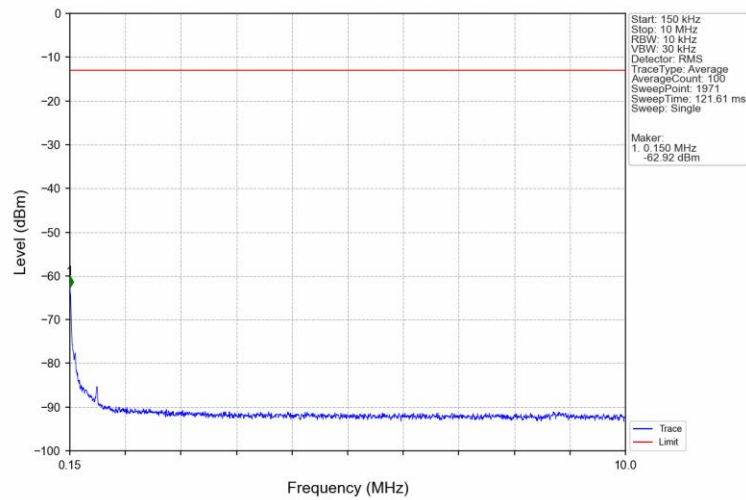


241212036FW7

Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

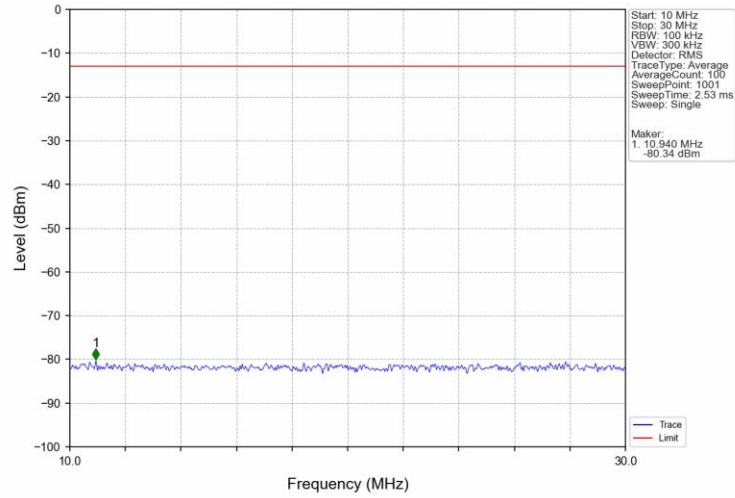


Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

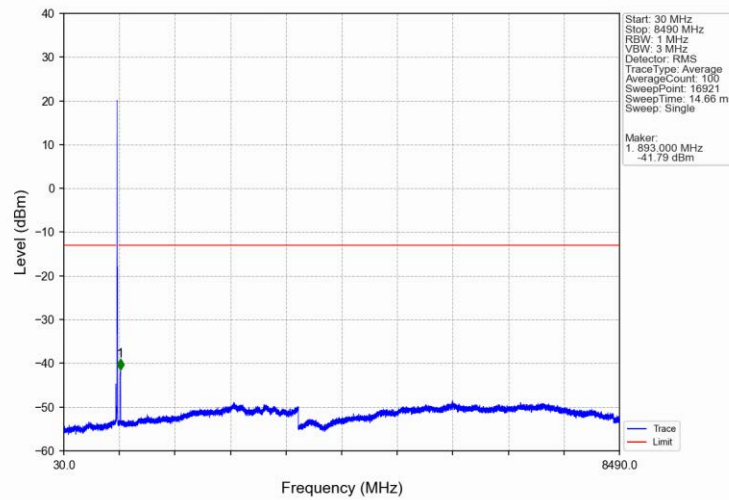


241212036FW7

Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

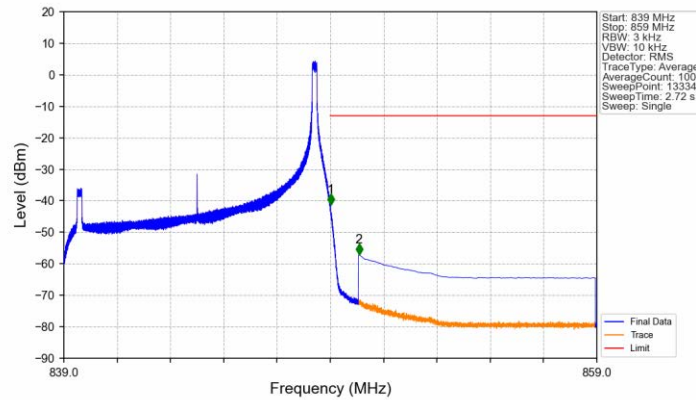


Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



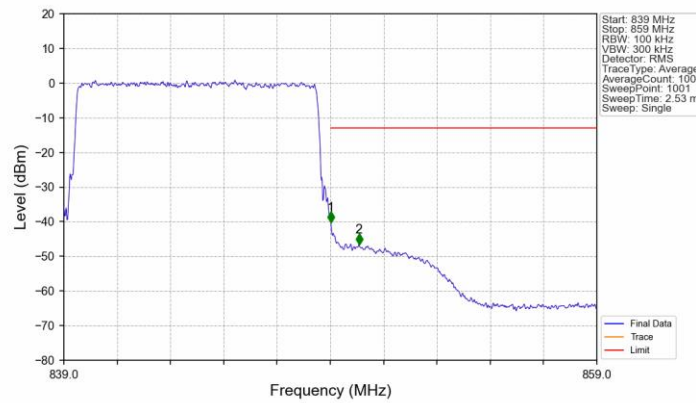
241212036FW7

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	849.013	-41.25	-13	Pass
850	859	0.1	CHP	2	850.076	-57.17	-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	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-40.26	-13	Pass
850	859	0.1	/	2	850.080	-46.55	-13	Pass

7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV									
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	3.27	824.144	825.253	824 to 849	Pass
					3.85	824.140	825.259	824 to 849	Pass
					4.43	824.146	825.260	824 to 849	Pass
				-30	3.85	824.139	825.253	824 to 849	Pass
				-20	3.85	824.145	825.259	824 to 849	Pass
				-10	3.85	824.145	825.251	824 to 849	Pass
				0	3.85	824.142	825.253	824 to 849	Pass
				10	3.85	824.140	825.255	824 to 849	Pass
				30	3.85	824.139	825.260	824 to 849	Pass
				40	3.85	824.144	825.255	824 to 849	Pass
				50	3.85	824.141	825.253	824 to 849	Pass
	836.5	6	0	20	3.27	835.944	837.056	824 to 849	Pass
					3.85	835.951	837.059	824 to 849	Pass
					4.43	835.946	837.057	824 to 849	Pass
				-30	3.85	835.945	837.058	824 to 849	Pass
				-20	3.85	835.946	837.054	824 to 849	Pass
				-10	3.85	835.945	837.054	824 to 849	Pass
				0	3.85	835.951	837.054	824 to 849	Pass
				10	3.85	835.945	837.058	824 to 849	Pass
				30	3.85	835.946	837.058	824 to 849	Pass
				40	3.85	835.944	837.054	824 to 849	Pass
				50	3.85	835.948	837.055	824 to 849	Pass
	848.3	6	0	20	3.27	847.741	848.853	824 to 849	Pass
					3.85	847.741	848.855	824 to 849	Pass
					4.43	847.743	848.851	824 to 849	Pass
				-30	3.85	847.741	848.853	824 to 849	Pass
				-20	3.85	847.744	848.854	824 to 849	Pass
				-10	3.85	847.741	848.853	824 to 849	Pass
				0	3.85	847.752	848.855	824 to 849	Pass
				10	3.85	847.746	848.855	824 to 849	Pass
				30	3.85	847.741	848.855	824 to 849	Pass
				40	3.85	847.741	848.854	824 to 849	Pass
				50	3.85	847.742	848.855	824 to 849	Pass
16QAM	824.7	6	0	20	3.27	824.146	825.261	824 to 849	Pass
					3.85	824.144	825.262	824 to 849	Pass
					4.43	824.144	825.259	824 to 849	Pass
				-30	3.85	824.147	825.257	824 to 849	Pass
				-20	3.85	824.143	825.259	824 to 849	Pass
				-10	3.85	824.149	825.259	824 to 849	Pass
				0	3.85	824.144	825.259	824 to 849	Pass
				10	3.85	824.145	825.261	824 to 849	Pass
				30	3.85	824.149	825.260	824 to 849	Pass
				40	3.85	824.147	825.260	824 to 849	Pass
				50	3.85	824.148	825.259	824 to 849	Pass
	836.5	6	0	20	3.27	835.945	837.053	824 to 849	Pass
					3.85	835.943	837.052	824 to 849	Pass

241212036FW7

					4.43	835.946	837.053	824 to 849	Pass
				-30	3.85	835.949	837.056	824 to 849	Pass
				-20	3.85	835.946	837.053	824 to 849	Pass
				-10	3.85	835.945	837.051	824 to 849	Pass
				0	3.85	835.945	837.052	824 to 849	Pass
				10	3.85	835.944	837.051	824 to 849	Pass
				30	3.85	835.949	837.055	824 to 849	Pass
				40	3.85	835.948	837.055	824 to 849	Pass
				50	3.85	835.947	837.051	824 to 849	Pass
	848.3	6	0	20	3.27	847.742	848.861	824 to 849	Pass
					3.85	847.739	848.860	824 to 849	Pass
					4.43	847.741	848.863	824 to 849	Pass
				-30	3.85	847.740	848.862	824 to 849	Pass
				-20	3.85	847.740	848.860	824 to 849	Pass
				-10	3.85	847.738	848.862	824 to 849	Pass
				0	3.85	847.744	848.859	824 to 849	Pass
				10	3.85	847.743	848.858	824 to 849	Pass
				30	3.85	847.741	848.863	824 to 849	Pass
				40	3.85	847.738	848.857	824 to 849	Pass
				50	3.85	847.738	848.858	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	3.27	824.122	826.891	824 to 849	Pass
					3.85	824.122	826.883	824 to 849	Pass
					4.43	824.122	826.888	824 to 849	Pass
				-30	3.85	824.129	826.893	824 to 849	Pass
				-20	3.85	824.128	826.891	824 to 849	Pass
				-10	3.85	824.131	826.883	824 to 849	Pass
				0	3.85	824.136	826.894	824 to 849	Pass
				10	3.85	824.132	826.885	824 to 849	Pass
				30	3.85	824.136	826.888	824 to 849	Pass
				40	3.85	824.124	826.887	824 to 849	Pass
				50	3.85	824.137	826.893	824 to 849	Pass
	836.5	15	0	20	3.27	835.128	837.887	824 to 849	Pass
					3.85	835.139	837.886	824 to 849	Pass
					4.43	835.129	837.885	824 to 849	Pass
				-30	3.85	835.134	837.880	824 to 849	Pass
				-20	3.85	835.134	837.886	824 to 849	Pass
				-10	3.85	835.127	837.884	824 to 849	Pass
				0	3.85	835.132	837.884	824 to 849	Pass
				10	3.85	835.130	837.889	824 to 849	Pass
				30	3.85	835.130	837.888	824 to 849	Pass
				40	3.85	835.126	837.888	824 to 849	Pass
				50	3.85	835.124	837.887	824 to 849	Pass
	847.5	15	0	20	3.27	846.142	848.877	824 to 849	Pass
					3.85	846.140	848.883	824 to 849	Pass
					4.43	846.134	848.874	824 to 849	Pass
				-30	3.85	846.126	848.888	824 to 849	Pass
				-20	3.85	846.132	848.886	824 to 849	Pass
				-10	3.85	846.130	848.885	824 to 849	Pass
				0	3.85	846.132	848.882	824 to 849	Pass
				10	3.85	846.132	848.885	824 to 849	Pass
				30	3.85	846.129	848.892	824 to 849	Pass
				40	3.85	846.136	848.880	824 to 849	Pass

241212036FW7

				50	3.85	846.131	848.879	824 to 849	Pass
16QAM	825.5	15	0	20	3.27	824.120	826.893	824 to 849	Pass
					3.85	824.131	826.880	824 to 849	Pass
					4.43	824.121	826.876	824 to 849	Pass
				-30	3.85	824.122	826.877	824 to 849	Pass
				-20	3.85	824.127	826.891	824 to 849	Pass
				-10	3.85	824.128	826.880	824 to 849	Pass
				0	3.85	824.123	826.899	824 to 849	Pass
				10	3.85	824.121	826.902	824 to 849	Pass
				30	3.85	824.120	826.880	824 to 849	Pass
				40	3.85	824.124	826.877	824 to 849	Pass
				50	3.85	824.126	826.901	824 to 849	Pass
	836.5	15	0	20	3.27	835.119	837.884	824 to 849	Pass
					3.85	835.116	837.886	824 to 849	Pass
					4.43	835.124	837.876	824 to 849	Pass
				-30	3.85	835.114	837.879	824 to 849	Pass
				-20	3.85	835.136	837.884	824 to 849	Pass
				-10	3.85	835.118	837.884	824 to 849	Pass
				0	3.85	835.117	837.879	824 to 849	Pass
				10	3.85	835.118	837.882	824 to 849	Pass
				30	3.85	835.128	837.882	824 to 849	Pass
				40	3.85	835.129	837.887	824 to 849	Pass
				50	3.85	835.116	837.886	824 to 849	Pass
	847.5	15	0	20	3.27	846.131	848.882	824 to 849	Pass
					3.85	846.133	848.883	824 to 849	Pass
					4.43	846.137	848.877	824 to 849	Pass
				-30	3.85	846.137	848.879	824 to 849	Pass
				-20	3.85	846.136	848.884	824 to 849	Pass
				-10	3.85	846.128	848.887	824 to 849	Pass
				0	3.85	846.133	848.878	824 to 849	Pass
				10	3.85	846.135	848.883	824 to 849	Pass
				30	3.85	846.131	848.883	824 to 849	Pass
				40	3.85	846.141	848.874	824 to 849	Pass
				50	3.85	846.136	848.878	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	3.27	824.234	828.789	824 to 849	Pass
					3.85	824.229	828.807	824 to 849	Pass
					4.43	824.225	828.791	824 to 849	Pass
				-30	3.85	824.228	828.793	824 to 849	Pass
				-20	3.85	824.232	828.793	824 to 849	Pass
				-10	3.85	824.241	828.799	824 to 849	Pass
				0	3.85	824.232	828.791	824 to 849	Pass
				10	3.85	824.232	828.799	824 to 849	Pass
				30	3.85	824.231	828.792	824 to 849	Pass
				40	3.85	824.232	828.798	824 to 849	Pass
				50	3.85	824.233	828.796	824 to 849	Pass
	836.5	25	0	20	3.27	834.244	838.791	824 to 849	Pass
					3.85	834.249	838.798	824 to 849	Pass
					4.43	834.250	838.793	824 to 849	Pass
				-30	3.85	834.245	838.795	824 to 849	Pass
				-20	3.85	834.251	838.797	824 to 849	Pass
				-10	3.85	834.247	838.788	824 to 849	Pass
				0	3.85	834.250	838.792	824 to 849	Pass

241212036FW7

				10	3.85	834.242	838.798	824 to 849	Pass
				30	3.85	834.250	838.797	824 to 849	Pass
				40	3.85	834.254	838.796	824 to 849	Pass
				50	3.85	834.249	838.792	824 to 849	Pass
	846.5	25	0	20	3.27	844.233	848.783	824 to 849	Pass
					3.85	844.230	848.781	824 to 849	Pass
					4.43	844.232	848.780	824 to 849	Pass
				-30	3.85	844.232	848.777	824 to 849	Pass
				-20	3.85	844.232	848.784	824 to 849	Pass
				-10	3.85	844.230	848.780	824 to 849	Pass
				0	3.85	844.233	848.778	824 to 849	Pass
				10	3.85	844.235	848.781	824 to 849	Pass
				30	3.85	844.239	848.786	824 to 849	Pass
				40	3.85	844.233	848.789	824 to 849	Pass
				50	3.85	844.230	848.786	824 to 849	Pass
16QAM	826.5	25	0	20	3.27	824.240	828.779	824 to 849	Pass
					3.85	824.223	828.799	824 to 849	Pass
					4.43	824.222	828.792	824 to 849	Pass
				-30	3.85	824.234	828.795	824 to 849	Pass
				-20	3.85	824.228	828.794	824 to 849	Pass
				-10	3.85	824.241	828.784	824 to 849	Pass
				0	3.85	824.230	828.784	824 to 849	Pass
				10	3.85	824.240	828.797	824 to 849	Pass
				30	3.85	824.248	828.779	824 to 849	Pass
				40	3.85	824.251	828.800	824 to 849	Pass
				50	3.85	824.245	828.789	824 to 849	Pass
	836.5	25	0	20	3.27	834.241	838.808	824 to 849	Pass
					3.85	834.234	838.806	824 to 849	Pass
					4.43	834.235	838.806	824 to 849	Pass
				-30	3.85	834.242	838.788	824 to 849	Pass
				-20	3.85	834.229	838.797	824 to 849	Pass
				-10	3.85	834.240	838.806	824 to 849	Pass
				0	3.85	834.242	838.797	824 to 849	Pass
				10	3.85	834.234	838.799	824 to 849	Pass
				30	3.85	834.229	838.794	824 to 849	Pass
				40	3.85	834.217	838.798	824 to 849	Pass
				50	3.85	834.228	838.810	824 to 849	Pass
	846.5	25	0	20	3.27	844.247	848.796	824 to 849	Pass
					3.85	844.225	848.790	824 to 849	Pass
					4.43	844.228	848.798	824 to 849	Pass
				-30	3.85	844.233	848.784	824 to 849	Pass
				-20	3.85	844.231	848.801	824 to 849	Pass
				-10	3.85	844.230	848.786	824 to 849	Pass
				0	3.85	844.232	848.792	824 to 849	Pass
				10	3.85	844.224	848.798	824 to 849	Pass
				30	3.85	844.223	848.797	824 to 849	Pass
				40	3.85	844.223	848.799	824 to 849	Pass
				50	3.85	844.244	848.792	824 to 849	Pass

7.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	829	50	0	20	3.27	824.507	833.584	824 to 849	Pass
					3.85	824.506	833.590	824 to 849	Pass
					4.43	824.509	833.591	824 to 849	Pass
				-30	3.85	824.530	833.601	824 to 849	Pass

241212036FW7

				-20	3.85	824.513	833.592	824 to 849	Pass
				-10	3.85	824.510	833.589	824 to 849	Pass
				0	3.85	824.512	833.591	824 to 849	Pass
				10	3.85	824.519	833.591	824 to 849	Pass
				30	3.85	824.510	833.579	824 to 849	Pass
				40	3.85	824.508	833.596	824 to 849	Pass
				50	3.85	824.507	833.579	824 to 849	Pass
	836.5	50	0	20	3.27	831.997	841.100	824 to 849	Pass
					3.85	831.994	841.077	824 to 849	Pass
					4.43	831.995	841.064	824 to 849	Pass
				-30	3.85	831.997	841.088	824 to 849	Pass
				-20	3.85	831.993	841.075	824 to 849	Pass
				-10	3.85	832.001	841.081	824 to 849	Pass
				0	3.85	832.004	841.085	824 to 849	Pass
				10	3.85	832.011	841.096	824 to 849	Pass
				30	3.85	832.029	841.092	824 to 849	Pass
				40	3.85	831.998	841.081	824 to 849	Pass
				50	3.85	832.025	841.087	824 to 849	Pass
	844	50	0	20	3.27	839.509	848.551	824 to 849	Pass
					3.85	839.522	848.536	824 to 849	Pass
					4.43	839.506	848.556	824 to 849	Pass
				-30	3.85	839.524	848.542	824 to 849	Pass
				-20	3.85	839.506	848.551	824 to 849	Pass
				-10	3.85	839.506	848.564	824 to 849	Pass
				0	3.85	839.516	848.551	824 to 849	Pass
				10	3.85	839.509	848.554	824 to 849	Pass
				30	3.85	839.500	848.552	824 to 849	Pass
				40	3.85	839.503	848.534	824 to 849	Pass
				50	3.85	839.501	848.553	824 to 849	Pass
	16QAM	829	50	0	20	3.27	824.518	833.608	824 to 849
3.85						824.503	833.585	824 to 849	Pass
4.43						824.518	833.557	824 to 849	Pass
-30					3.85	824.508	833.577	824 to 849	Pass
-20					3.85	824.511	833.595	824 to 849	Pass
-10					3.85	824.501	833.609	824 to 849	Pass
0					3.85	824.512	833.563	824 to 849	Pass
10					3.85	824.514	833.608	824 to 849	Pass
30					3.85	824.506	833.609	824 to 849	Pass
40					3.85	824.499	833.570	824 to 849	Pass
50					3.85	824.509	833.590	824 to 849	Pass
836.5		50	0	20	3.27	832.013	841.066	824 to 849	Pass
					3.85	832.005	841.077	824 to 849	Pass
					4.43	832.014	841.068	824 to 849	Pass
				-30	3.85	831.996	841.063	824 to 849	Pass
				-20	3.85	831.998	841.076	824 to 849	Pass
				-10	3.85	832.006	841.066	824 to 849	Pass
				0	3.85	832.000	841.066	824 to 849	Pass
				10	3.85	832.001	841.067	824 to 849	Pass
				30	3.85	832.022	841.066	824 to 849	Pass
				40	3.85	832.012	841.061	824 to 849	Pass
				50	3.85	832.020	841.075	824 to 849	Pass
844		50	0	20	3.27	839.523	848.547	824 to 849	Pass
					3.85	839.504	848.561	824 to 849	Pass
					4.43	839.501	848.561	824 to 849	Pass
				-30	3.85	839.501	848.546	824 to 849	Pass
				-20	3.85	839.495	848.553	824 to 849	Pass
				-10	3.85	839.487	848.576	824 to 849	Pass
				0	3.85	839.520	848.558	824 to 849	Pass
				10	3.85	839.506	848.548	824 to 849	Pass



241212036FW7

				30	3.85	839.513	848.569	824 to 849	Pass
				40	3.85	839.499	848.552	824 to 849	Pass
				50	3.85	839.495	848.564	824 to 849	Pass

8. Form731

8.1 Test Result

8.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.2249	99.0000	ppm	1M12G7D	22H	23.52
5	1.4	824.7	848.3	0.2099	99.0000	ppm	1M12W7D	22H	23.22
5	3	825.5	847.5	0.2254	99.0000	ppm	2M76G7D	22H	23.53
5	3	825.5	847.5	0.2213	99.0000	ppm	2M75W7D	22H	23.45
5	5	826.5	846.5	0.2249	99.0000	ppm	4M57G7D	22H	23.52
5	5	826.5	846.5	0.1954	99.0000	ppm	4M56W7D	22H	22.91
5	10	829	844	0.2203	99.0000	ppm	9M08G7D	22H	23.43
5	10	829	844	0.2259	99.0000	ppm	9M07W7D	22H	23.54

8.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.0979	99.0000	ppm	1M12G7D	22H	19.91
5	1.4	824.7	848.3	0.0914	99.0000	ppm	1M12W7D	22H	19.61
5	3	825.5	847.5	0.0982	99.0000	ppm	2M76G7D	22H	19.92
5	3	825.5	847.5	0.0964	99.0000	ppm	2M75W7D	22H	19.84
5	5	826.5	846.5	0.0979	99.0000	ppm	4M57G7D	22H	19.91
5	5	826.5	846.5	0.0851	99.0000	ppm	4M56W7D	22H	19.30
5	10	829	844	0.0959	99.0000	ppm	9M08G7D	22H	19.82
5	10	829	844	0.0984	99.0000	ppm	9M07W7D	22H	19.93