

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26c_15MHz_ERP

Band: 26c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	821.5	1	0	24.26	1.32	23.43	<=38.45	Pass
			38	24.17	1.32	23.34	<=38.45	Pass
			74	24.13	1.32	23.30	<=38.45	Pass
		36	0	23.24	1.32	22.41	<=38.45	Pass
			18	23.31	1.32	22.48	<=38.45	Pass
			39	23.25	1.32	22.42	<=38.45	Pass
		75	0	23.28	1.32	22.45	<=38.45	Pass
	831.5	1	0	24.35	1.32	23.52	<=38.45	Pass
			38	24.16	1.32	23.33	<=38.45	Pass
			74	24.09	1.32	23.26	<=38.45	Pass
		36	0	23.23	1.32	22.40	<=38.45	Pass
			18	23.21	1.32	22.38	<=38.45	Pass
			39	23.21	1.32	22.38	<=38.45	Pass
		75	0	23.19	1.32	22.36	<=38.45	Pass
	841.5	1	0	24.10	1.32	23.27	<=38.45	Pass
			38	24.06	1.32	23.23	<=38.45	Pass
			74	24.02	1.32	23.19	<=38.45	Pass
		36	0	23.16	1.32	22.33	<=38.45	Pass
			18	23.19	1.32	22.36	<=38.45	Pass
			39	23.13	1.32	22.30	<=38.45	Pass
		75	0	23.21	1.32	22.38	<=38.45	Pass
16QAM	821.5	1	0	23.45	1.32	22.62	<=38.45	Pass
			38	23.39	1.32	22.56	<=38.45	Pass
			74	23.29	1.32	22.46	<=38.45	Pass
		36	0	22.22	1.32	21.39	<=38.45	Pass
			18	22.33	1.32	21.50	<=38.45	Pass
			39	22.26	1.32	21.43	<=38.45	Pass
		75	0	22.28	1.32	21.45	<=38.45	Pass
	831.5	1	0	23.47	1.32	22.64	<=38.45	Pass
			38	23.44	1.32	22.61	<=38.45	Pass
			74	23.24	1.32	22.41	<=38.45	Pass
		36	0	22.21	1.32	21.38	<=38.45	Pass
			18	22.23	1.32	21.40	<=38.45	Pass
			39	22.19	1.32	21.36	<=38.45	Pass
		75	0	22.17	1.32	21.34	<=38.45	Pass
	841.5	1	0	23.33	1.32	22.50	<=38.45	Pass
			38	23.37	1.32	22.54	<=38.45	Pass
			74	23.30	1.32	22.47	<=38.45	Pass
		36	0	22.16	1.32	21.33	<=38.45	Pass
			18	22.20	1.32	21.37	<=38.45	Pass
			39	22.16	1.32	21.33	<=38.45	Pass
		75	0	22.21	1.32	21.38	<=38.45	Pass
64QAM	821.5	1	0	22.43	1.32	21.60	<=38.45	Pass
			38	22.45	1.32	21.62	<=38.45	Pass
			74	22.39	1.32	21.56	<=38.45	Pass
		36	0	21.20	1.32	20.37	<=38.45	Pass
			18	21.31	1.32	20.48	<=38.45	Pass
			39	21.26	1.32	20.43	<=38.45	Pass
		75	0	21.29	1.32	20.46	<=38.45	Pass
	831.5	1	0	22.46	1.32	21.63	<=38.45	Pass

			38	22.38	1.32	21.55	<=38.45	Pass
			74	22.28	1.32	21.45	<=38.45	Pass
		36	0	21.20	1.32	20.37	<=38.45	Pass
			18	21.23	1.32	20.40	<=38.45	Pass
			39	21.17	1.32	20.34	<=38.45	Pass
		75	0	21.17	1.32	20.34	<=38.45	Pass
	841.5	1	0	22.36	1.32	21.53	<=38.45	Pass
			38	22.35	1.32	21.52	<=38.45	Pass
			74	22.24	1.32	21.41	<=38.45	Pass
		36	0	21.12	1.32	20.29	<=38.45	Pass
			18	21.21	1.32	20.38	<=38.45	Pass
			39	21.14	1.32	20.31	<=38.45	Pass
		75	0	21.20	1.32	20.37	<=38.45	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

2. Frequency Stability

2.1 Test Result

2.1.1 B26c_15MHz

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	821.5	75	0	20	3.3	0.000	0.0000	-2.5 to 2.5	Pass
					3.8	-1.100	-0.0013	-2.5 to 2.5	Pass
					4.4	-0.600	-0.0007	-2.5 to 2.5	Pass
				-30	3.8	-0.600	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-0.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-1.800	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-1.400	-0.0017	-2.5 to 2.5	Pass
				10	3.8	0.500	0.0006	-2.5 to 2.5	Pass
				30	3.8	-0.900	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-1.200	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-1.800	-0.0022	-2.5 to 2.5	Pass
	831.5	75	0	20	3.3	4.900	0.0059	-2.5 to 2.5	Pass
					3.8	5.400	0.0065	-2.5 to 2.5	Pass
					4.4	5.400	0.0065	-2.5 to 2.5	Pass
				-30	3.8	4.500	0.0054	-2.5 to 2.5	Pass
				-20	3.8	5.000	0.0060	-2.5 to 2.5	Pass
				-10	3.8	4.000	0.0048	-2.5 to 2.5	Pass
				0	3.8	3.400	0.0041	-2.5 to 2.5	Pass
				10	3.8	5.600	0.0067	-2.5 to 2.5	Pass
				30	3.8	5.100	0.0061	-2.5 to 2.5	Pass
				40	3.8	3.700	0.0044	-2.5 to 2.5	Pass
				50	3.8	6.100	0.0073	-2.5 to 2.5	Pass
	841.5	75	0	20	3.3	0.900	0.0011	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	-1.200	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	-0.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	-0.600	-0.0007	-2.5 to 2.5	Pass
				-10	3.8	-0.500	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-2.400	-0.0029	-2.5 to 2.5	Pass
				10	3.8	-0.800	-0.0010	-2.5 to 2.5	Pass
				30	3.8	-1.000	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-1.300	-0.0015	-2.5 to 2.5	Pass
16QAM	821.5	75	0	20	3.3	-0.200	-0.0002	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.4	1.400	0.0017	-2.5 to 2.5	Pass
				-30	3.8	1.100	0.0013	-2.5 to 2.5	Pass
				-20	3.8	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.8	0.200	0.0002	-2.5 to 2.5	Pass
				0	3.8	-1.200	-0.0015	-2.5 to 2.5	Pass
				10	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	3.8	-0.900	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.8	-0.500	-0.0006	-2.5 to 2.5	Pass
	831.5	75	0	20	3.3	5.600	0.0067	-2.5 to 2.5	Pass
					3.8	4.400	0.0053	-2.5 to 2.5	Pass
					4.4	3.300	0.0040	-2.5 to 2.5	Pass
				-30	3.8	3.900	0.0047	-2.5 to 2.5	Pass

				-20	3.8	5.300	0.0064	-2.5 to 2.5	Pass
				-10	3.8	4.500	0.0054	-2.5 to 2.5	Pass
				0	3.8	4.500	0.0054	-2.5 to 2.5	Pass
				10	3.8	4.700	0.0057	-2.5 to 2.5	Pass
				30	3.8	5.400	0.0065	-2.5 to 2.5	Pass
				40	3.8	4.600	0.0055	-2.5 to 2.5	Pass
				50	3.8	4.000	0.0048	-2.5 to 2.5	Pass
	841.5	75	0	20	3.3	-1.100	-0.0013	-2.5 to 2.5	Pass
					3.8	-1.400	-0.0017	-2.5 to 2.5	Pass
					4.4	-0.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-0.200	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	-2.200	-0.0026	-2.5 to 2.5	Pass
				-10	3.8	-0.900	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-0.800	-0.0010	-2.5 to 2.5	Pass
				10	3.8	-0.400	-0.0005	-2.5 to 2.5	Pass
				30	3.8	1.800	0.0021	-2.5 to 2.5	Pass
				40	3.8	-0.500	-0.0006	-2.5 to 2.5	Pass
				50	3.8	0.700	0.0008	-2.5 to 2.5	Pass
64QAM	821.5	75	0	20	3.3	11.100	0.0135	-2.5 to 2.5	Pass
					3.8	0.000	0.0000	-2.5 to 2.5	Pass
					4.4	-0.700	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	-14.400	-0.0175	-2.5 to 2.5	Pass
				-20	3.8	2.100	0.0026	-2.5 to 2.5	Pass
				-10	3.8	-3.600	-0.0044	-2.5 to 2.5	Pass
				0	3.8	-4.200	-0.0051	-2.5 to 2.5	Pass
				10	3.8	-1.700	-0.0021	-2.5 to 2.5	Pass
				30	3.8	2.100	0.0026	-2.5 to 2.5	Pass
				40	3.8	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.8	7.300	0.0089	-2.5 to 2.5	Pass
	831.5	75	0	20	3.3	14.500	0.0174	-2.5 to 2.5	Pass
					3.8	8.000	0.0096	-2.5 to 2.5	Pass
					4.4	2.600	0.0031	-2.5 to 2.5	Pass
				-30	3.8	9.000	0.0108	-2.5 to 2.5	Pass
				-20	3.8	2.100	0.0025	-2.5 to 2.5	Pass
				-10	3.8	6.600	0.0079	-2.5 to 2.5	Pass
				0	3.8	14.600	0.0176	-2.5 to 2.5	Pass
				10	3.8	13.100	0.0158	-2.5 to 2.5	Pass
				30	3.8	2.900	0.0035	-2.5 to 2.5	Pass
				40	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.8	14.100	0.0170	-2.5 to 2.5	Pass
	841.5	75	0	20	3.3	0.900	0.0011	-2.5 to 2.5	Pass
					3.8	-1.700	-0.0020	-2.5 to 2.5	Pass
					4.4	-6.700	-0.0080	-2.5 to 2.5	Pass
				-30	3.8	-2.100	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	-2.000	-0.0024	-2.5 to 2.5	Pass
				-10	3.8	8.600	0.0102	-2.5 to 2.5	Pass
				0	3.8	-4.200	-0.0050	-2.5 to 2.5	Pass
				10	3.8	2.500	0.0030	-2.5 to 2.5	Pass
				30	3.8	12.000	0.0143	-2.5 to 2.5	Pass
				40	3.8	4.200	0.0050	-2.5 to 2.5	Pass
				50	3.8	-3.600	-0.0043	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26c_OBW

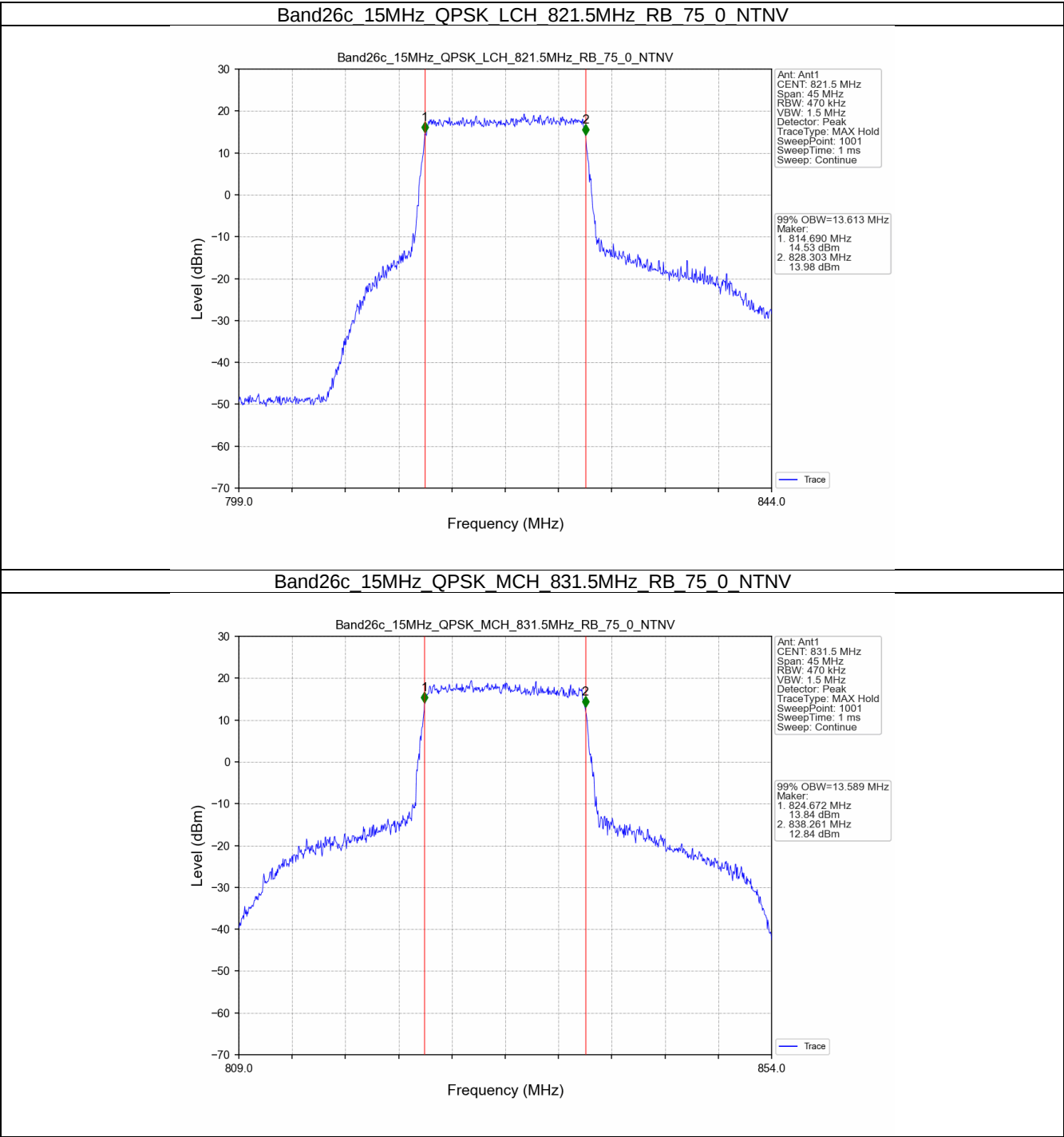
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.613	/	Pass
		831.5	75	0	13.589	/	Pass
		841.5	75	0	13.574	/	Pass
	16QAM	821.5	75	0	13.609	/	Pass
		831.5	75	0	13.644	/	Pass
		841.5	75	0	13.556	/	Pass
	64QAM	821.5	75	0	13.601	/	Pass
		831.5	75	0	13.596	/	Pass
		841.5	75	0	13.591	/	Pass

3.1.2 Band26c_XDB

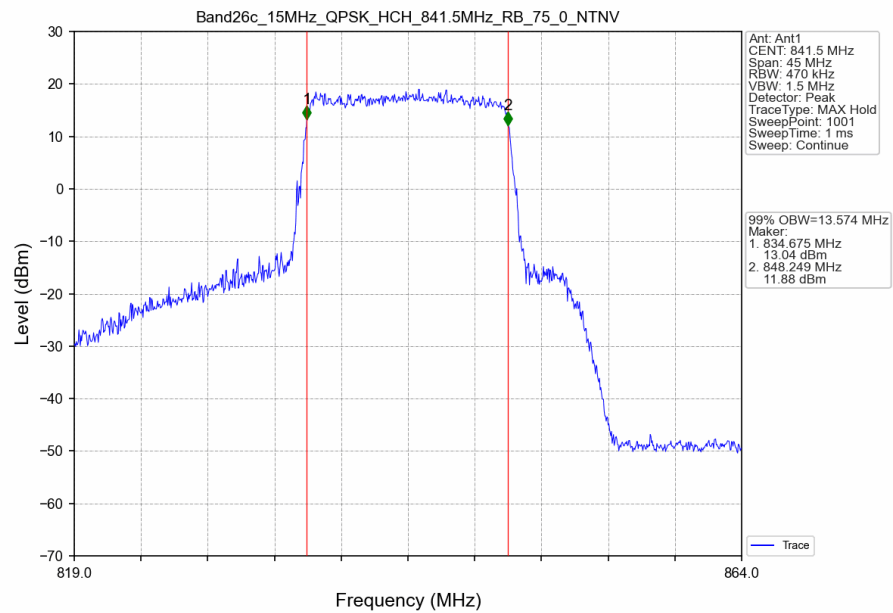
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	15.139	/	Pass
		831.5	75	0	15.090	/	Pass
		841.5	75	0	15.035	/	Pass
	16QAM	821.5	75	0	15.228	/	Pass
		831.5	75	0	15.054	/	Pass
		841.5	75	0	15.321	/	Pass
	64QAM	821.5	75	0	15.155	/	Pass
		831.5	75	0	15.276	/	Pass
		841.5	75	0	15.100	/	Pass

3.2 Test Graph

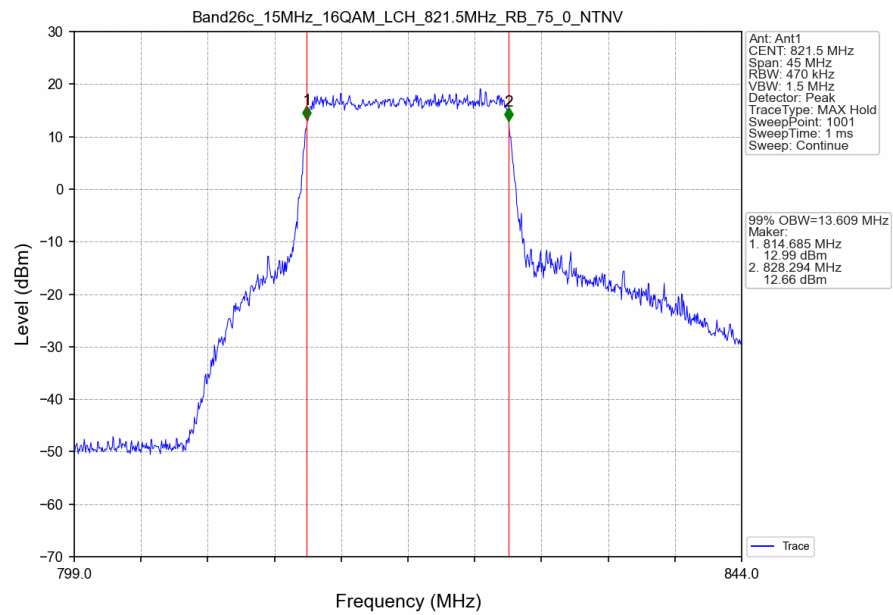
3.2.1 Band26c_OBW



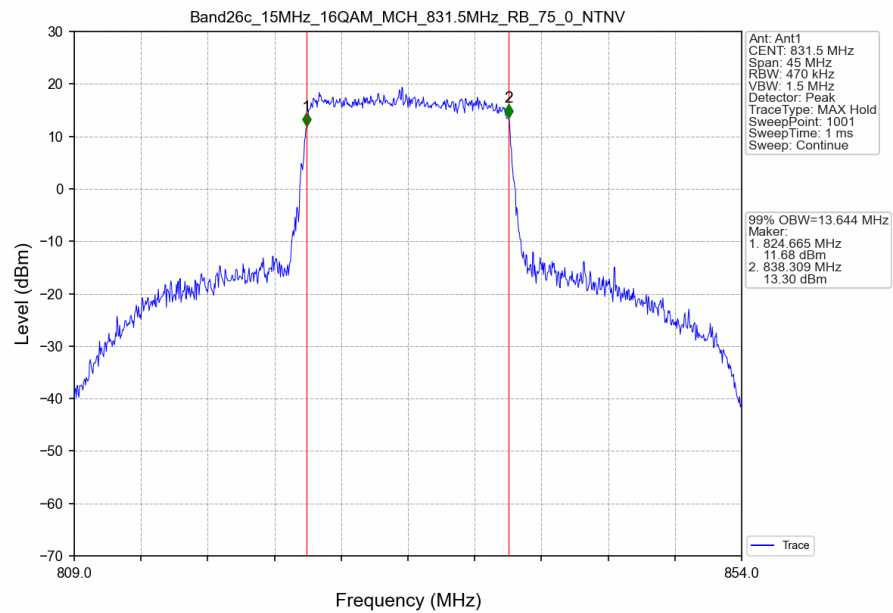
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



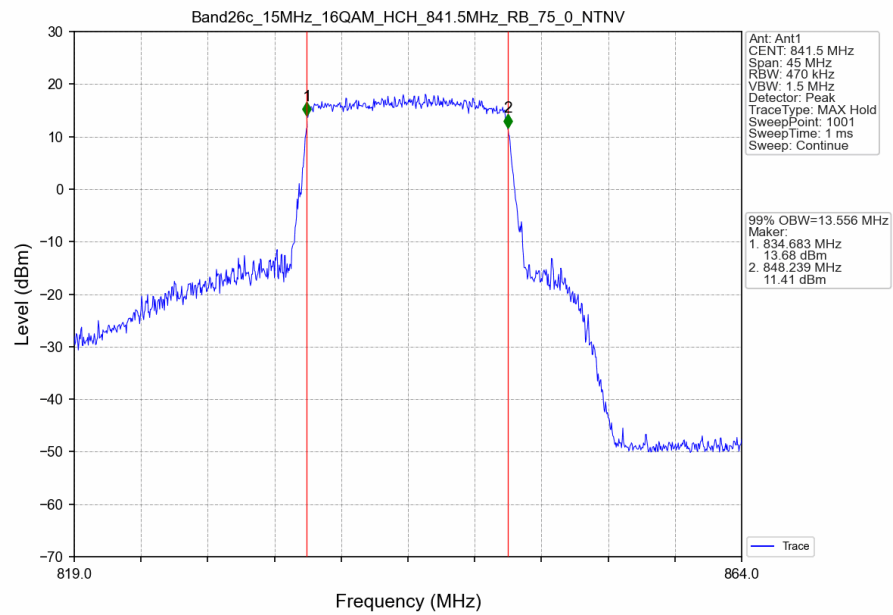
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



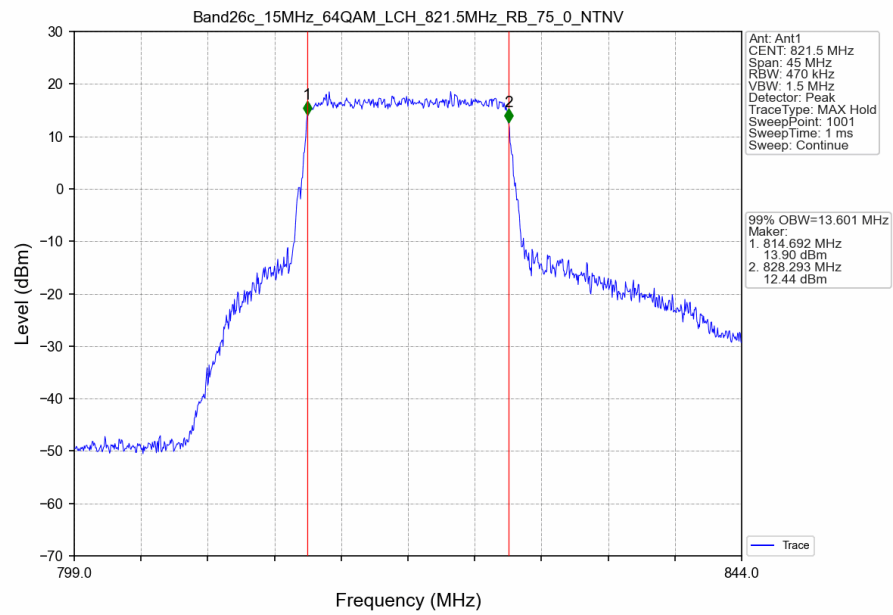
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



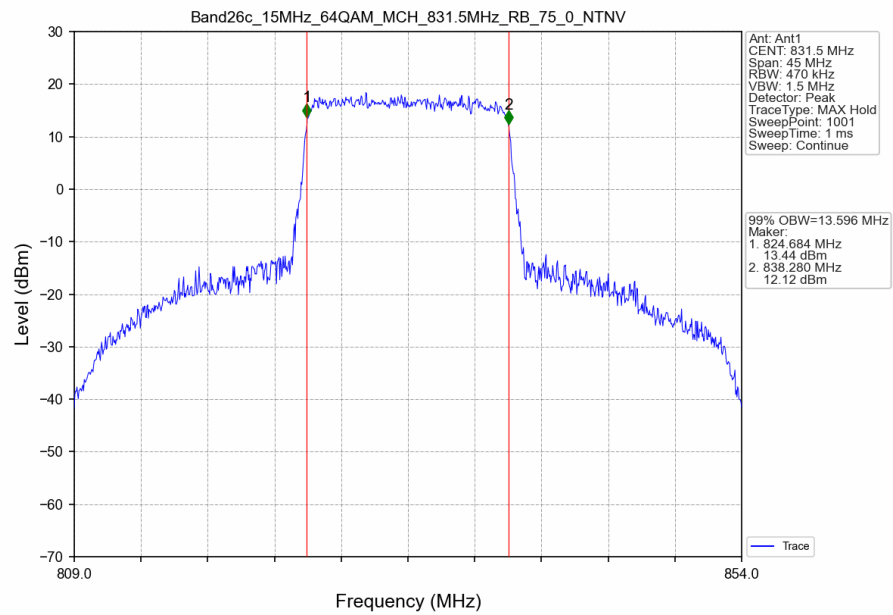
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



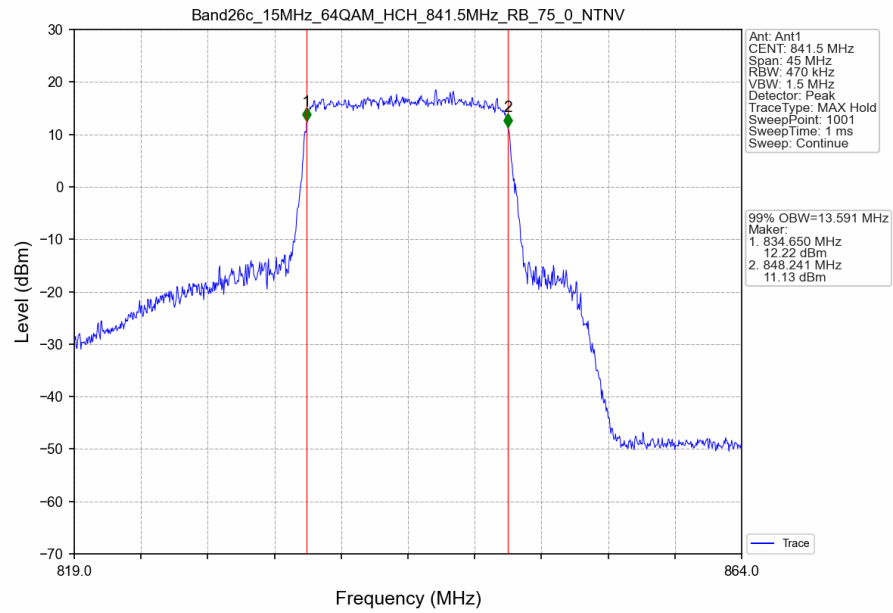
Band26c_15MHz_64QAM_LCH_821.5MHz_RB_75_0_NTNV



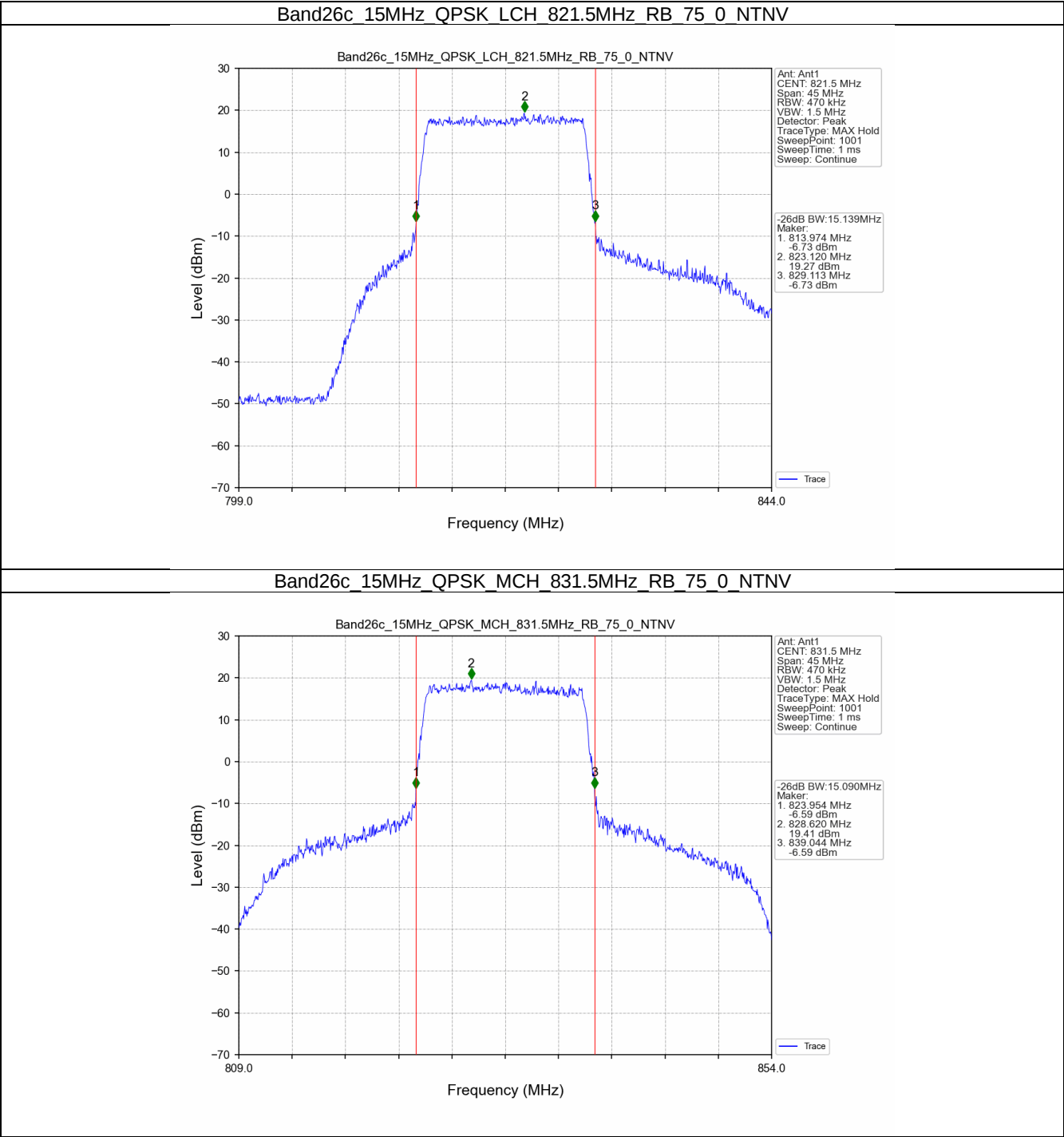
Band26c_15MHz_64QAM_MCH_831.5MHz_RB_75_0_NTNV



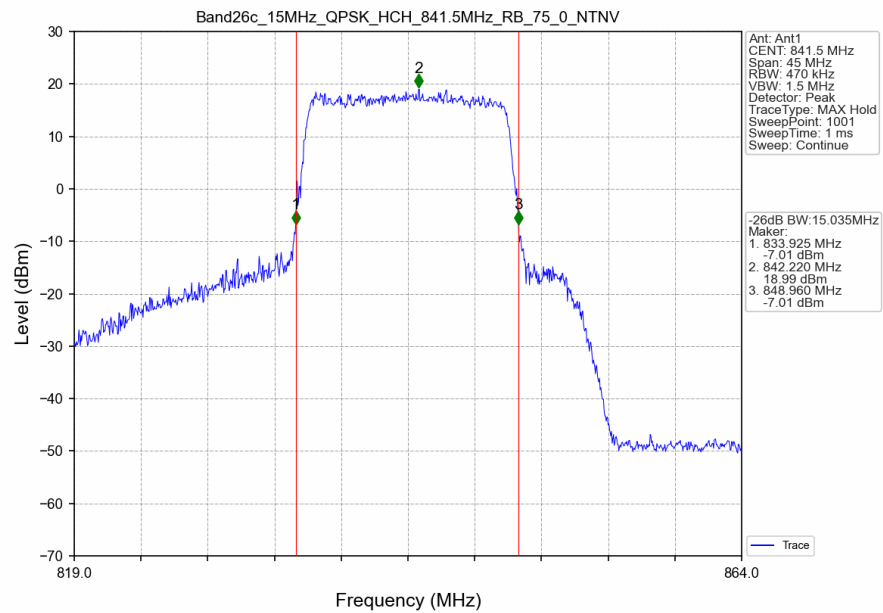
Band26c_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



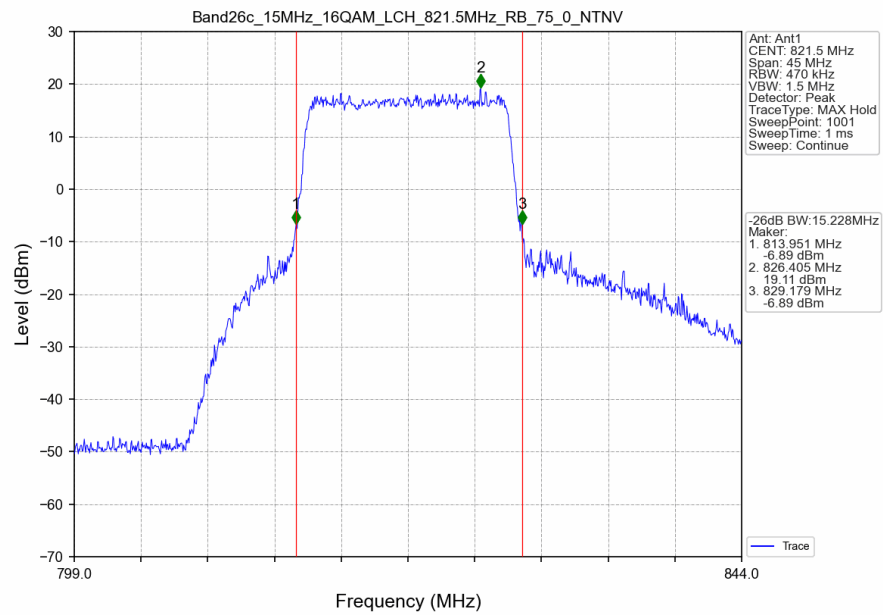
3.2.2 Band26c_XDB



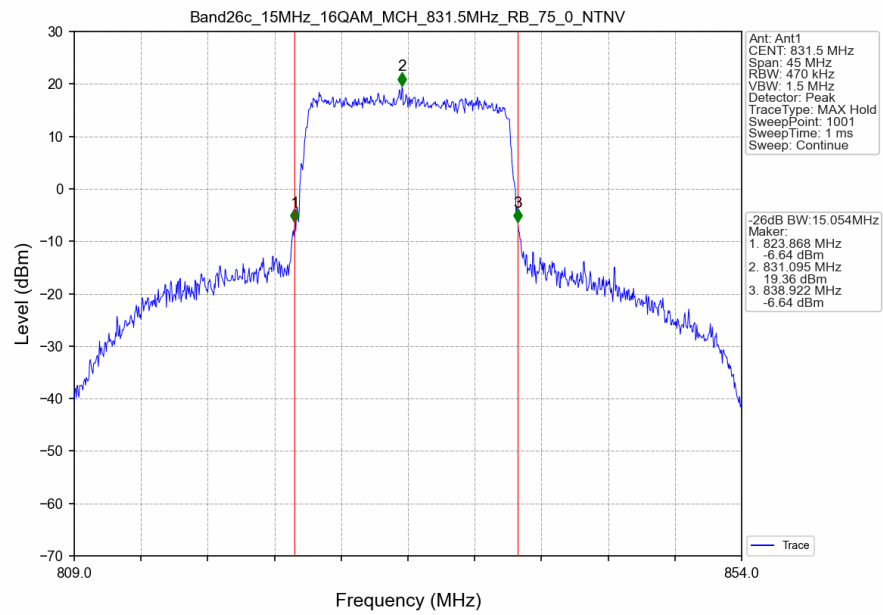
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



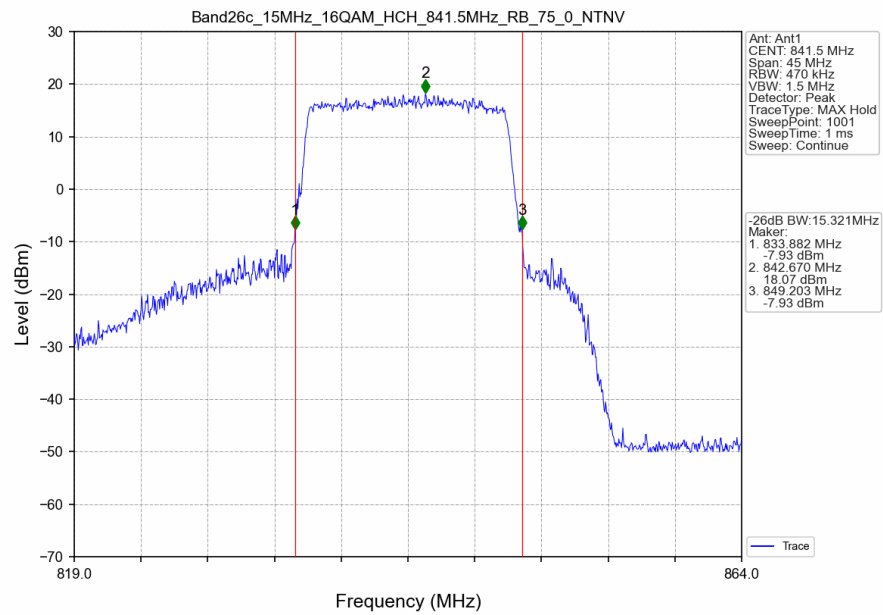
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



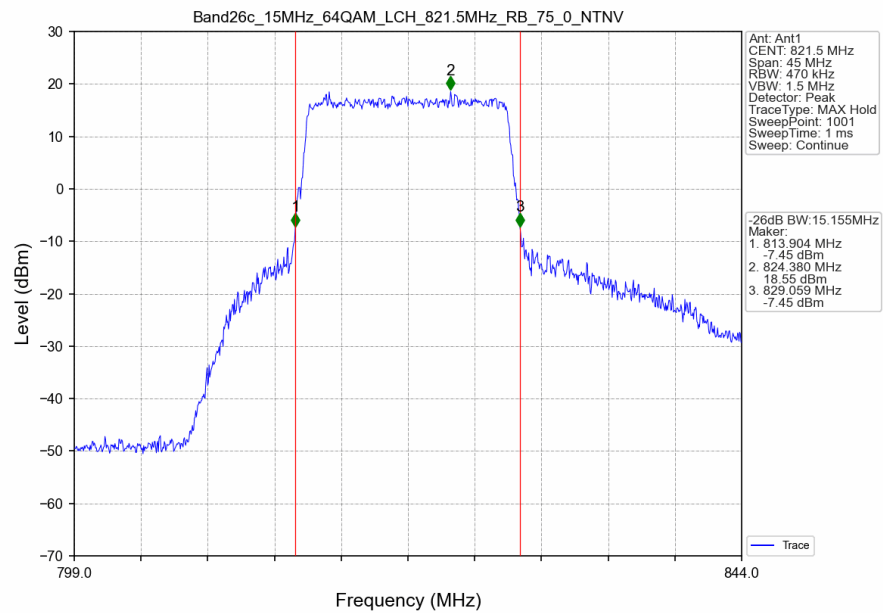
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



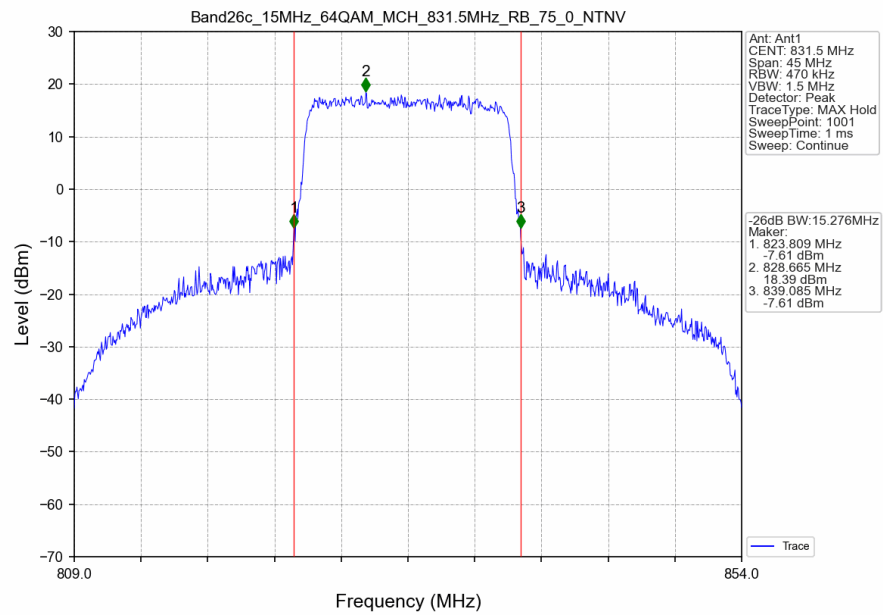
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



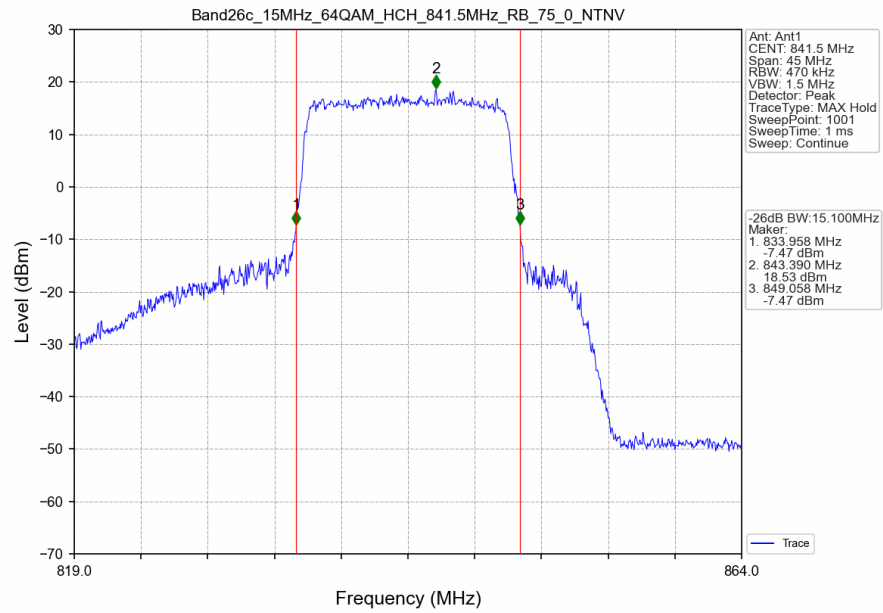
Band26c_15MHz_64QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_64QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



4. Peak-Average Ratio

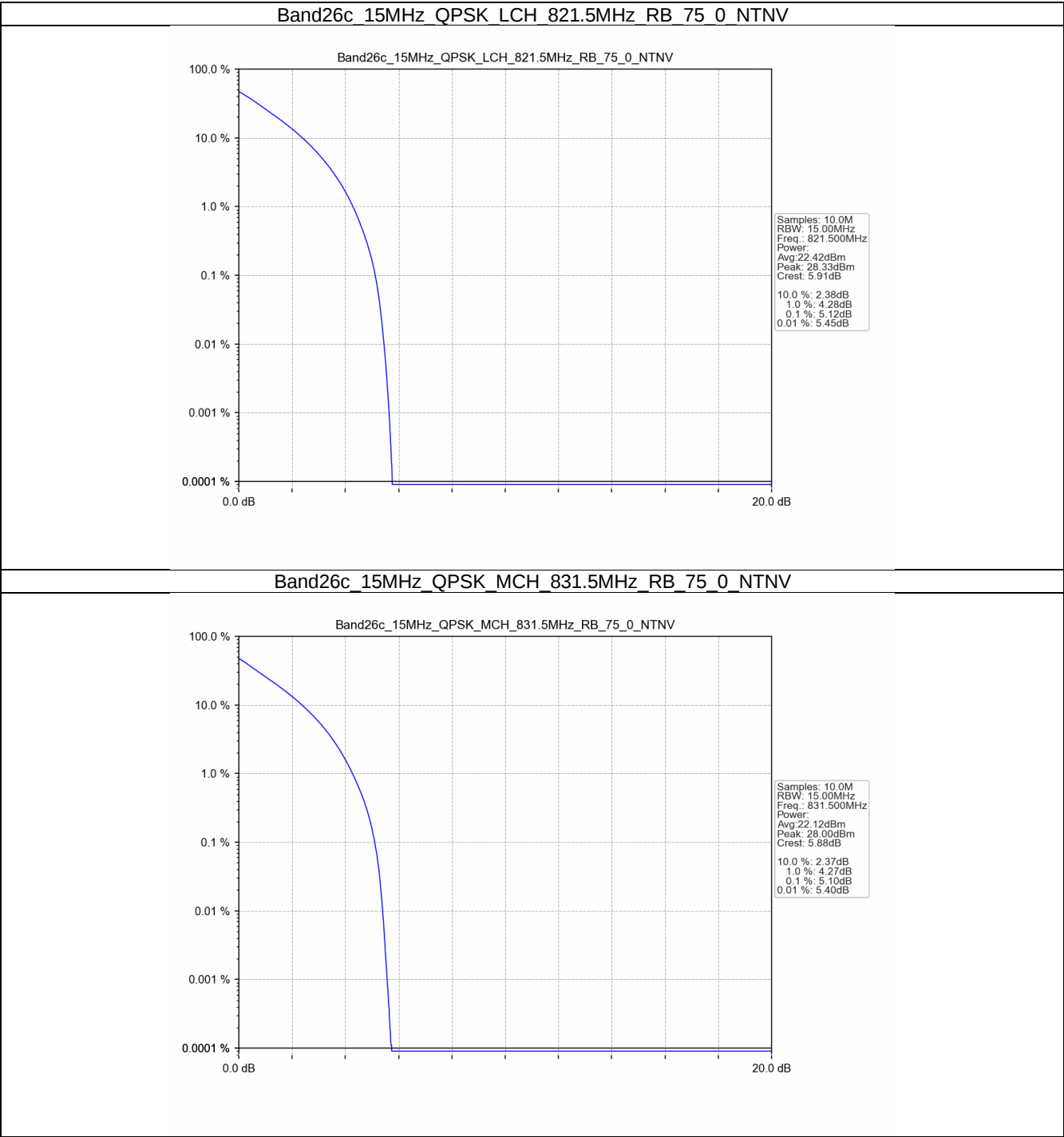
4.1 Test Result

4.1.1 B26c_15MHz

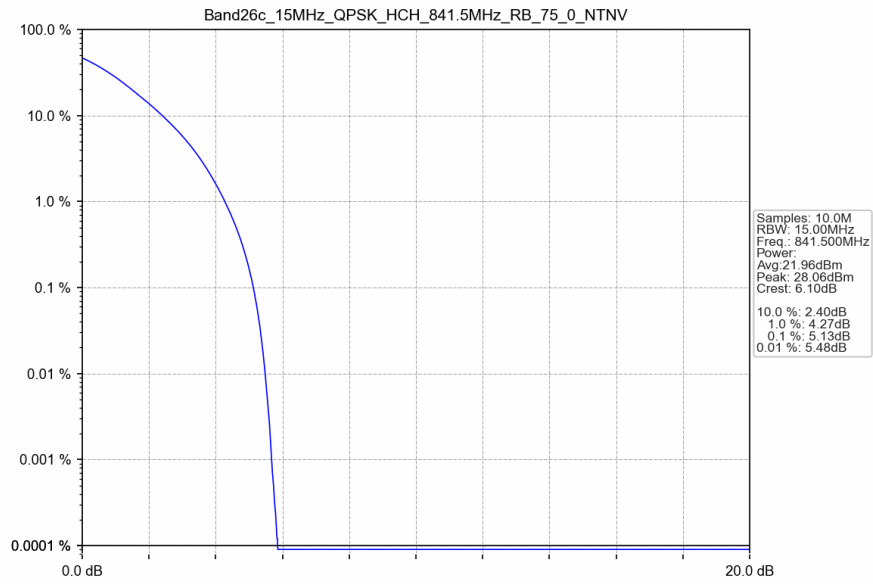
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.12	<=13	Pass
	831.5	75	0	5.10	<=13	Pass
	841.5	75	0	5.13	<=13	Pass
16QAM	821.5	75	0	5.89	<=13	Pass
	831.5	75	0	5.87	<=13	Pass
	841.5	75	0	5.91	<=13	Pass
64QAM	821.5	75	0	5.91	<=13	Pass
	831.5	75	0	5.88	<=13	Pass
	841.5	75	0	5.92	<=13	Pass

4.2 Test Graph

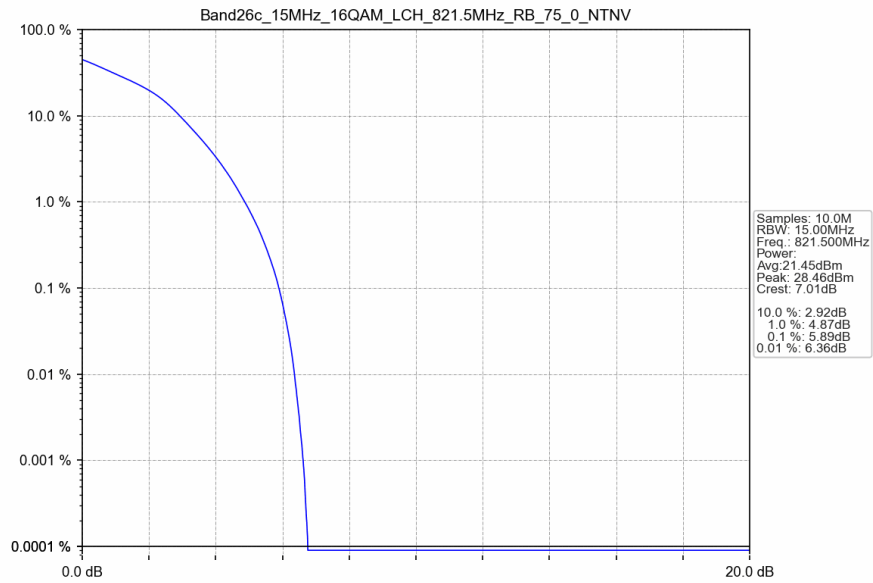
4.2.1 B26c_15MHz



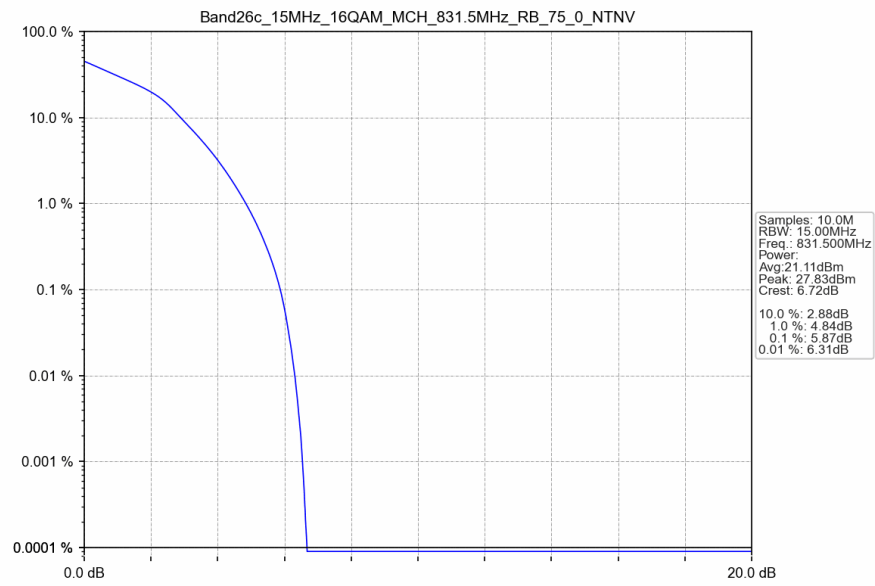
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



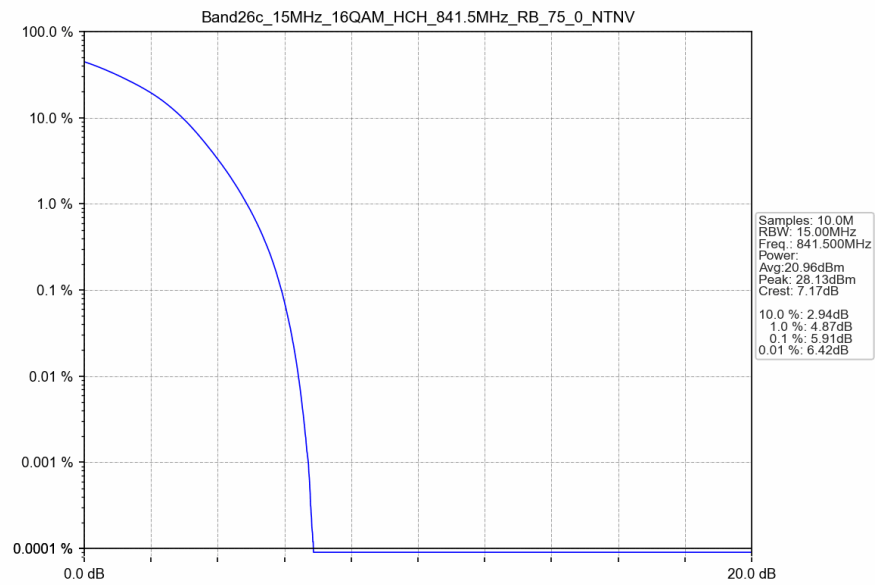
Band26c_15MHz_16QAM_LCH_821.5MHz_RB_75_0_NTNV



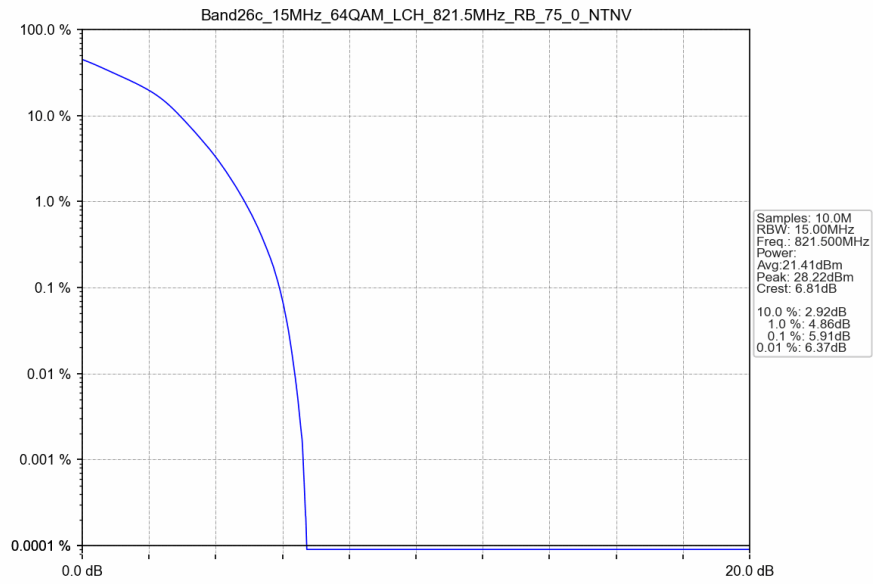
Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



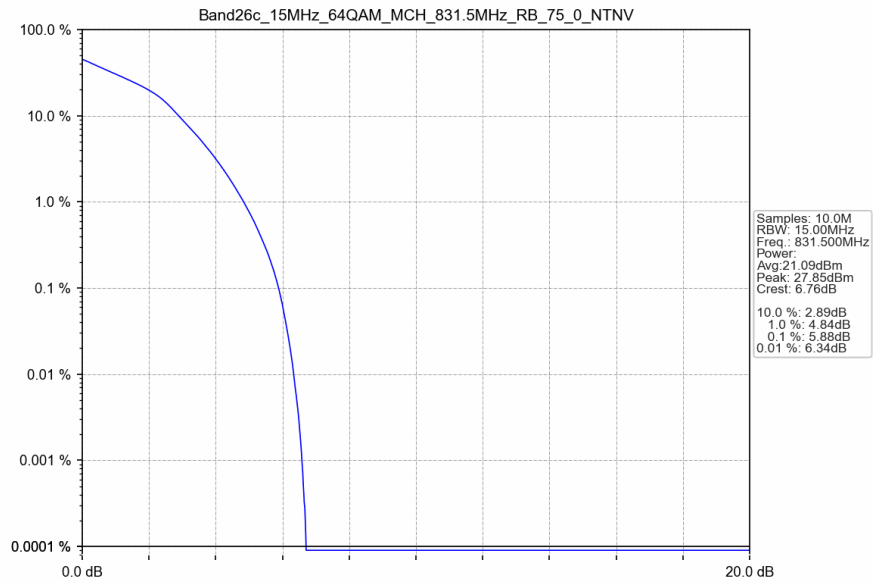
Band26c_15MHz_16QAM_HCH_841.5MHz_RB_75_0_NTNV



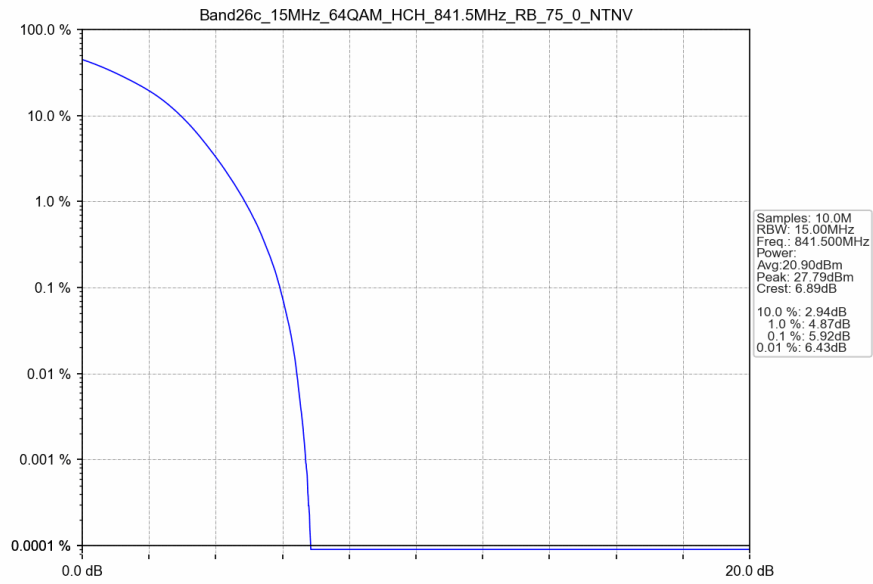
Band26c_15MHz_64QAM_LCH_821.5MHz_RB_75_0_NTNV



Band26c_15MHz_64QAM_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_64QAM_HCH_841.5MHz_RB_75_0_NTNV



5. Spurious Emission & Band Edges

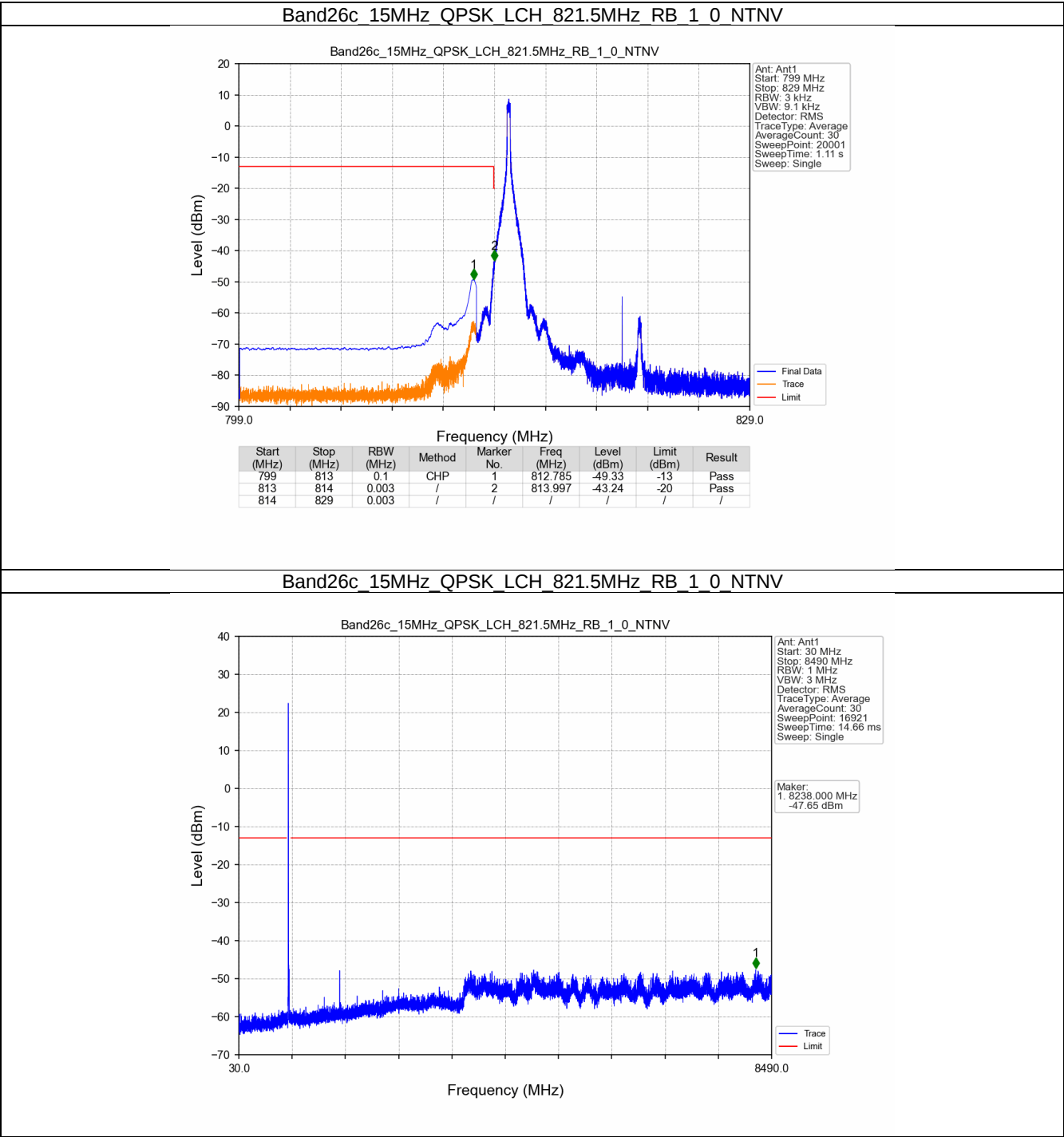
5.1 Test Result

5.1.1 B26c_15MHz

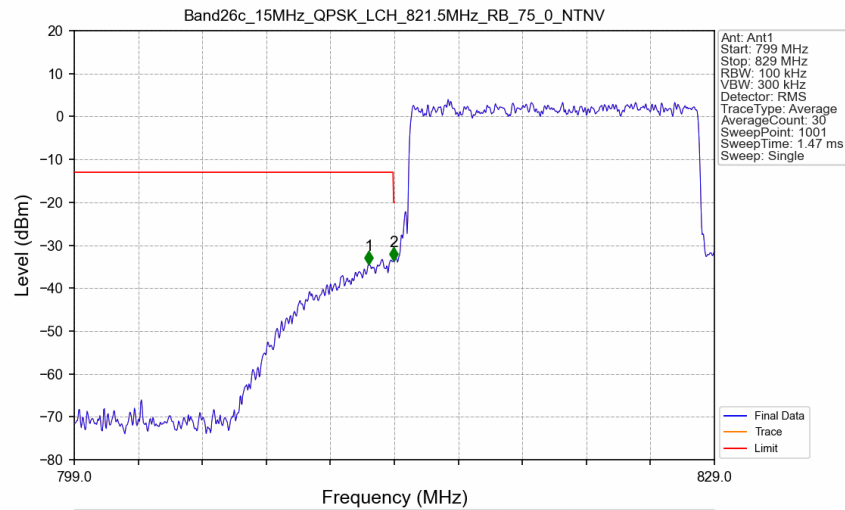
Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	831.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.2 Test Graph

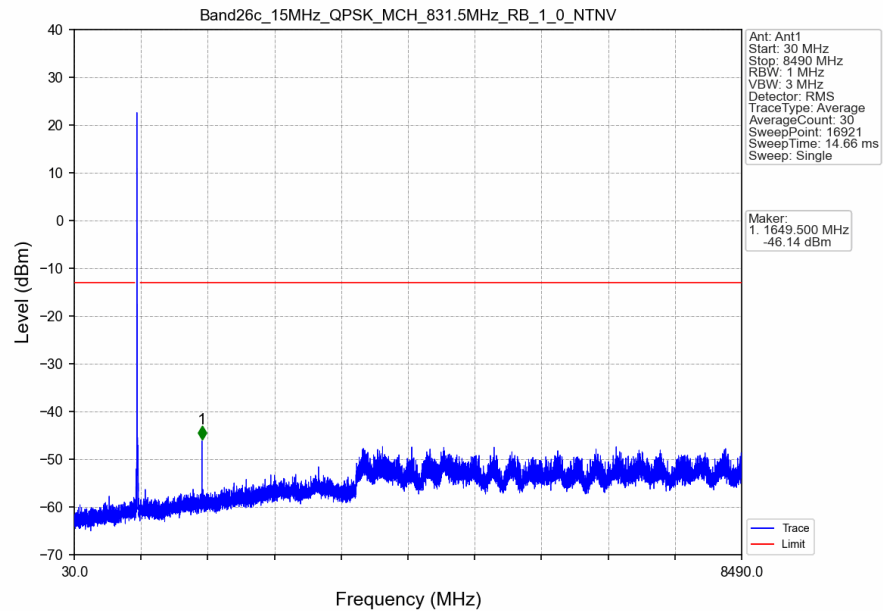
5.2.1 B26c_15MHz



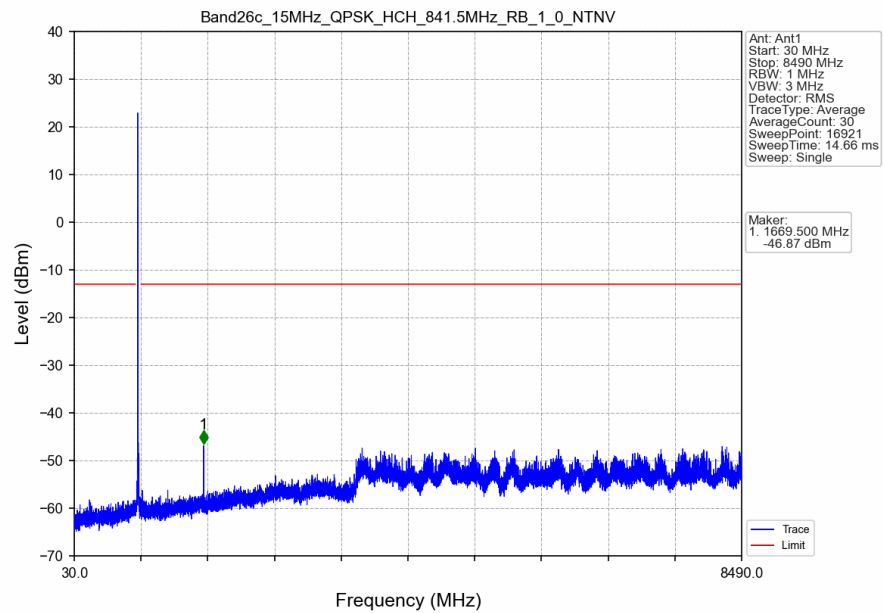
Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV



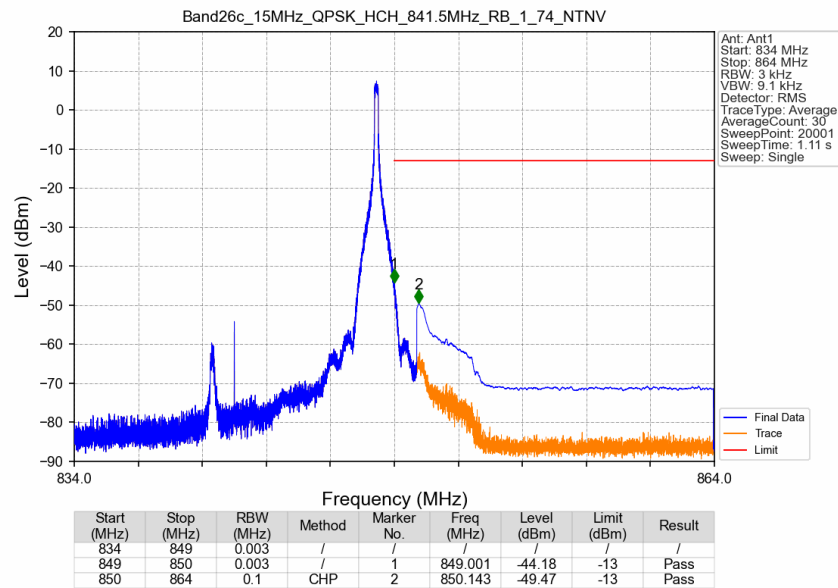
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



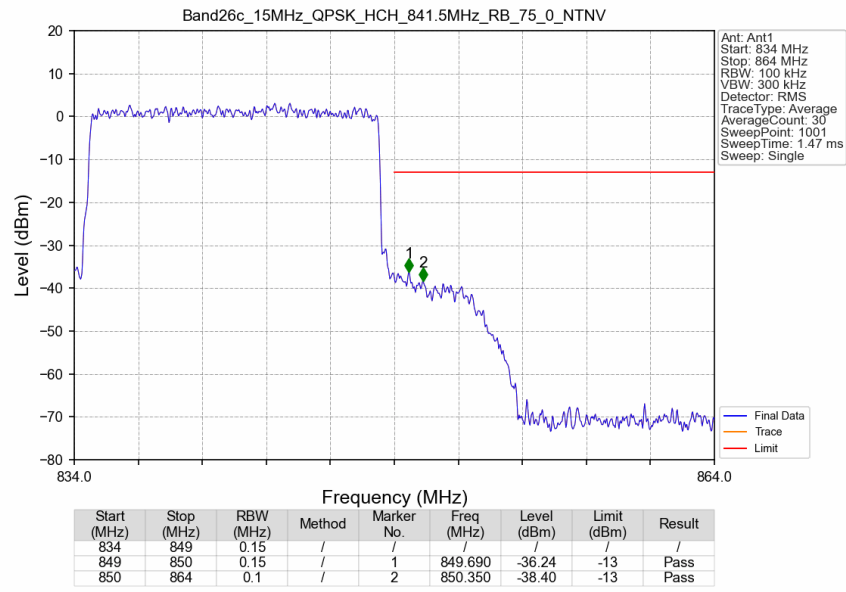
Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



---End of Attachment---