7 APPENDIX

GSM 850

Frequency Stability Test Result

Band: GSM850							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
GSM	824.2	20	3.27	1.68	0.00	-2.5 to 2.5	Pass
			3.85	10.65	0.01	-2.5 to 2.5	Pass
			4.43	9.39	0.01	-2.5 to 2.5	Pass
		-30	3.85	11.11	0.01	-2.5 to 2.5	Pass
		-20	3.85	9.11	0.01	-2.5 to 2.5	Pass
		-10	3.85	4.04	0.00	-2.5 to 2.5	Pass
		0	3.85	5.88	0.01	-2.5 to 2.5	Pass
		10	3.85	4.65	0.01	-2.5 to 2.5	Pass
		30	3.85	1.13	0.00	-2.5 to 2.5	Pass
		40	3.85	2.97	0.00	-2.5 to 2.5	Pass
		50	3.85	2.42	0.00	-2.5 to 2.5	Pass
	836.6	20	3.27	4.58	0.01	-2.5 to 2.5	Pass
			3.85	7.52	0.01	-2.5 to 2.5	Pass
			4.43	5.00	0.01	-2.5 to 2.5	Pass
		-30	3.85	11.14	0.01	-2.5 to 2.5	Pass
		-20	3.85	2.29	0.00	-2.5 to 2.5	Pass
		-10	3.85	2.33	0.00	-2.5 to 2.5	Pass
		0	3.85	4.26	0.01	-2.5 to 2.5	Pass
		10	3.85	5.46	0.01	-2.5 to 2.5	Pass
		30	3.85	9.72	0.01	-2.5 to 2.5	Pass
		40	3.85	5.36	0.01	-2.5 to 2.5	Pass
		50	3.85	6.04	0.01	-2.5 to 2.5	Pass
	848.8	20	3.27	5.65	0.01	-2.5 to 2.5	Pass
			3.85	0.10	0.00	-2.5 to 2.5	Pass
			4.43	-0.03	0.00	-2.5 to 2.5	Pass
		-30	3.85	0.23	0.00	-2.5 to 2.5	Pass
		-20	3.85	8.69	0.01	-2.5 to 2.5	Pass
		-10	3.85	5.94	0.01	-2.5 to 2.5	Pass
		0	3.85	11.14	0.01	-2.5 to 2.5	Pass
		10	3.85	13.21	0.02	-2.5 to 2.5	Pass
		30	3.85	10.14	0.01	-2.5 to 2.5	Pass
		40	3.85	8.07	0.01	-2.5 to 2.5	Pass
		50	3.85	6.55	0.01	-2.5 to 2.5	Pass
EGSM	824.2	20	3.27	1.13	0.00	-2.5 to 2.5	Pass
			3.85	8.17	0.01	-2.5 to 2.5	Pass
			4.43	1.13	0.00	-2.5 to 2.5	Pass
		-30	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
		-20	3.85	4.78	0.01	-2.5 to 2.5	Pass
		-10	3.85	10.43	0.01	-2.5 to 2.5	Pass
		0	3.85	5.91	0.01	-2.5 to 2.5	Pass
		10	3.85	1.55	0.00	-2.5 to 2.5	Pass
		30	3.85	7.72	0.01	-2.5 to 2.5	Pass
		40	3.85	0.23	0.00	-2.5 to 2.5	Pass
		50	3.85	8.14	0.01	-2.5 to 2.5	Pass
	836.6	20	3.27	0.61	0.00	-2.5 to 2.5	Pass
			3.85	3.49	0.00	-2.5 to 2.5	Pass
			4.43	8.10	0.01	-2.5 to 2.5	Pass
		-30	3.85	10.30	0.01	-2.5 to 2.5	Pass
		-20	3.85	6.30	0.01	-2.5 to 2.5	Pass
		-10	3.85	1.91	0.00	-2.5 to 2.5	Pass
		0	3.85	5.49	0.01	-2.5 to 2.5	Pass
		10	3.85	10.17	0.01	-2.5 to 2.5	Pass

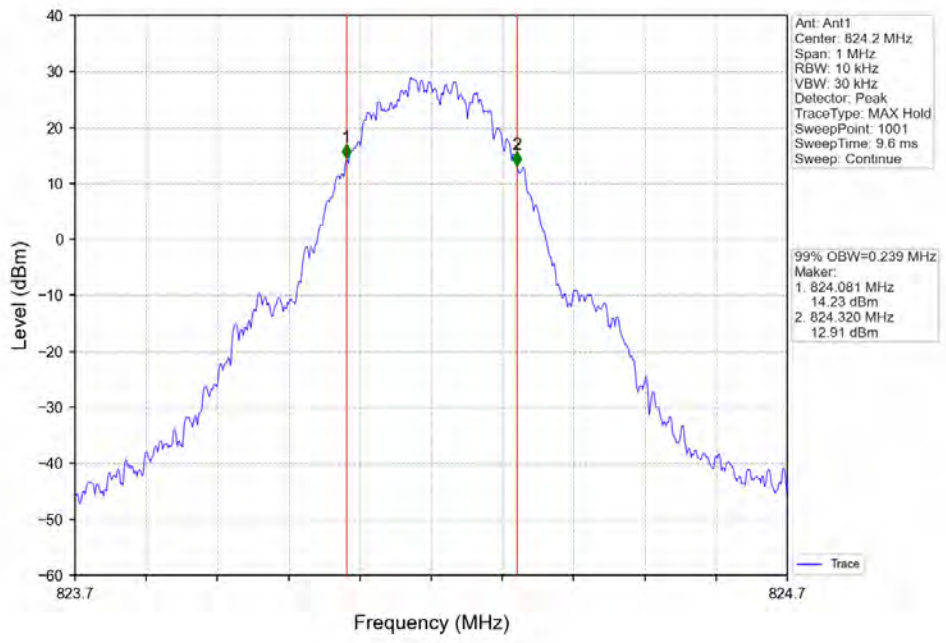
		30	3.85	9.01	0.01	-2.5 to 2.5	Pass
		40	3.85	1.65	0.00	-2.5 to 2.5	Pass
		50	3.85	4.29	0.01	-2.5 to 2.5	Pass
	848.8	20	3.27	12.75	0.01	-2.5 to 2.5	Pass
			3.85	16.92	0.02	-2.5 to 2.5	Pass
			4.43	9.59	0.01	-2.5 to 2.5	Pass
		-30	3.85	11.37	0.01	-2.5 to 2.5	Pass
		-20	3.85	8.49	0.01	-2.5 to 2.5	Pass
		-10	3.85	11.78	0.01	-2.5 to 2.5	Pass
		0	3.85	16.89	0.02	-2.5 to 2.5	Pass
		10	3.85	9.36	0.01	-2.5 to 2.5	Pass
		30	3.85	12.98	0.02	-2.5 to 2.5	Pass
		40	3.85	17.85	0.02	-2.5 to 2.5	Pass
		50	3.85	9.56	0.01	-2.5 to 2.5	Pass

99% & 26dB Bandwidth 99%_OBW Test Result

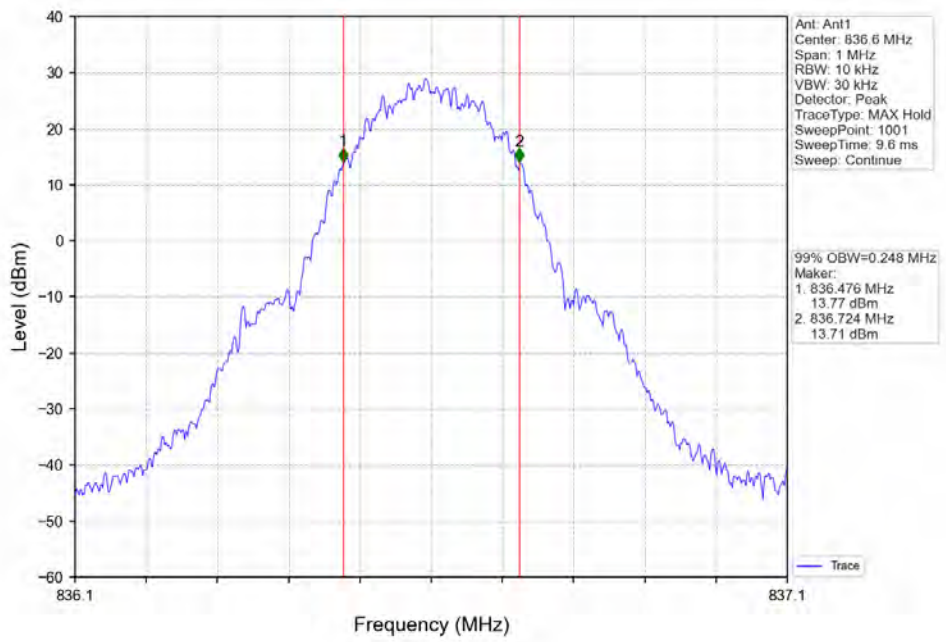
Band: GSM850					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	1 TX Slot	824.2	0.239	Pass
			836.6	0.248	Pass
			848.8	0.248	Pass
	EGSM	1 TX Slot	824.2	0.252	Pass
			836.6	0.250	Pass
			848.8	0.256	Pass

Test Graph

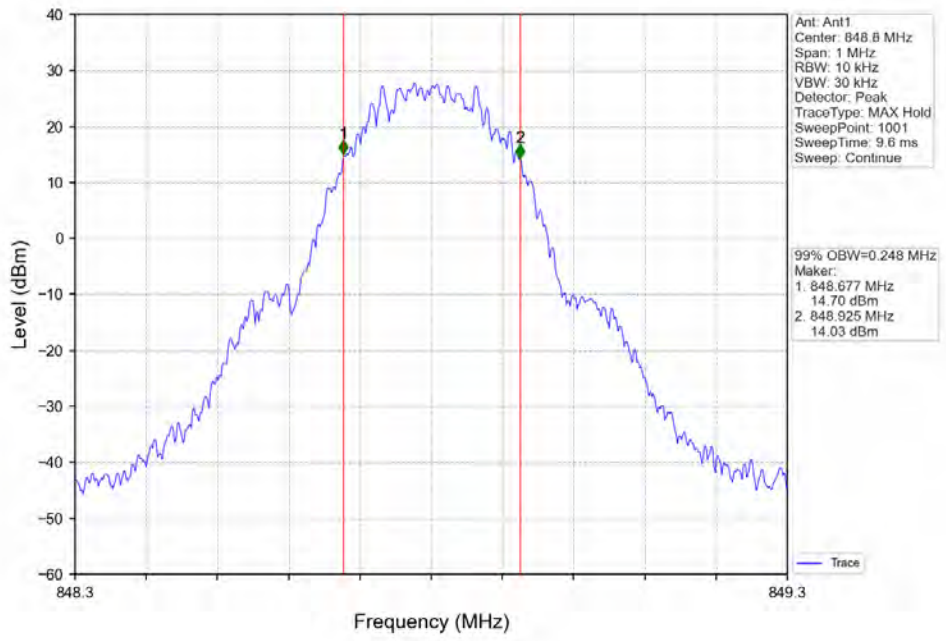
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



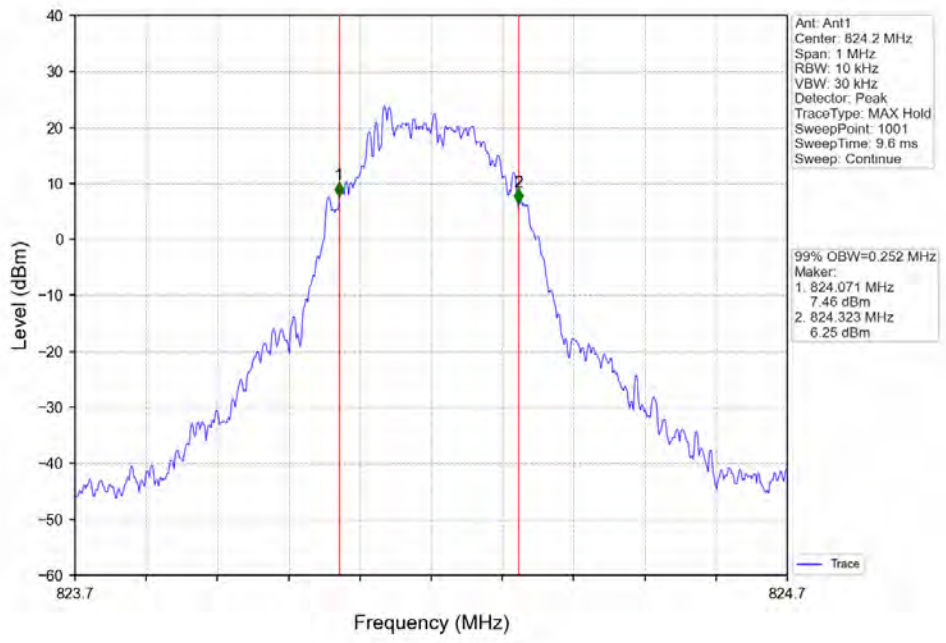
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



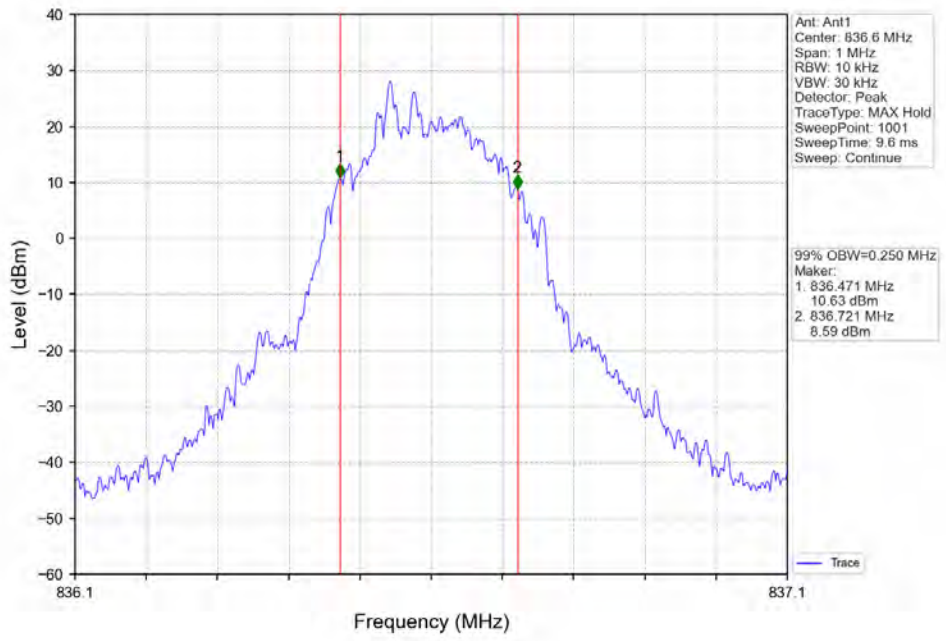
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



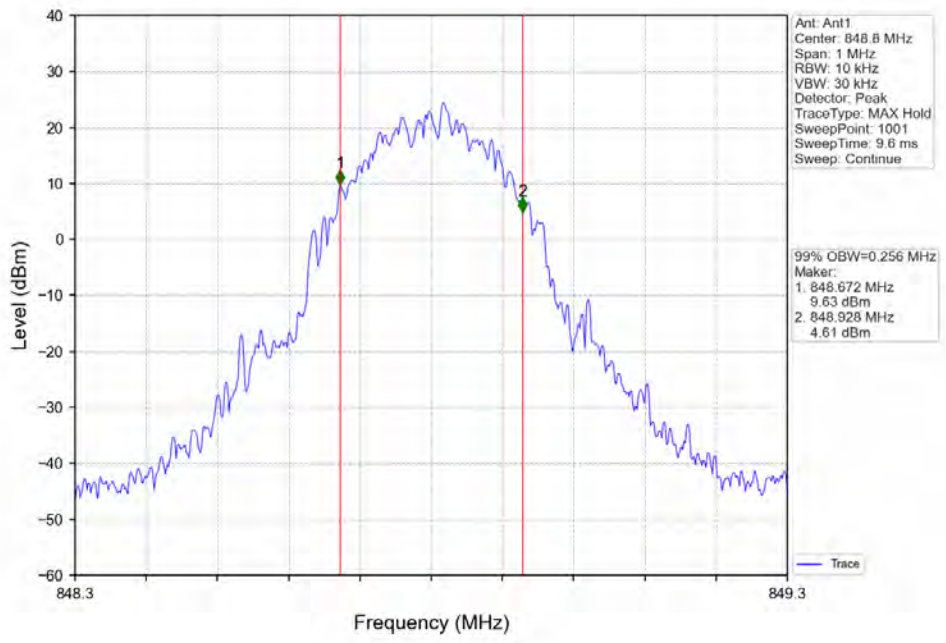
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV

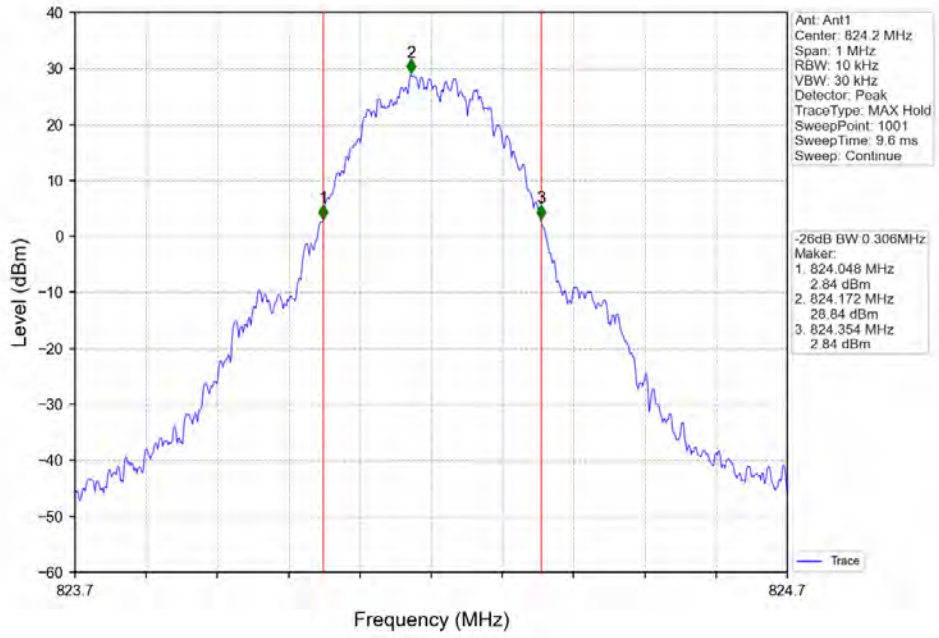


26DB_OBW Test Result

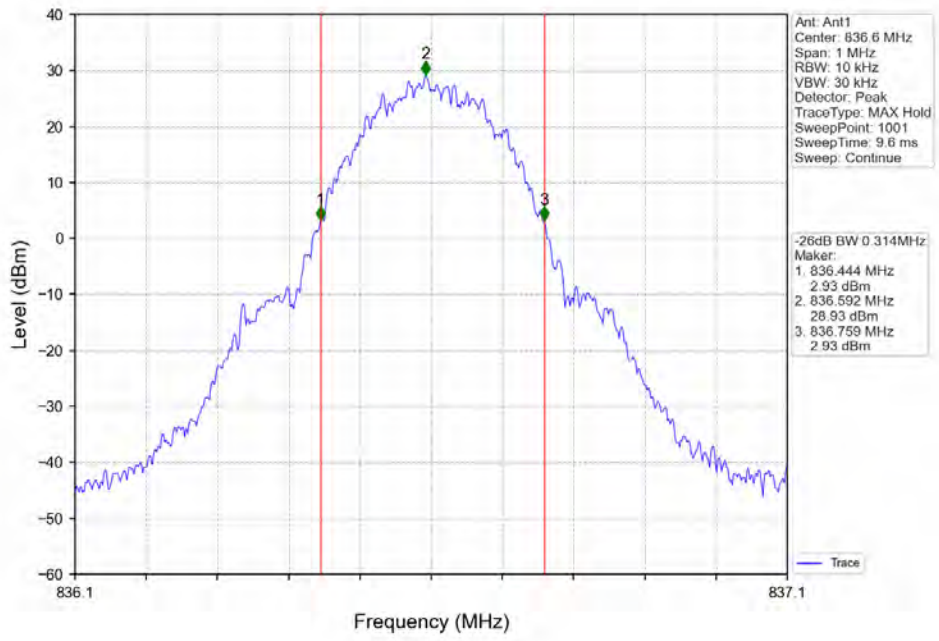
Band: GSM850					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	1 TX Slot	824.2	0.306	Pass
			836.6	0.314	Pass
			848.8	0.321	Pass
	EGSM	1 TX Slot	824.2	0.309	Pass
			836.6	0.309	Pass
			848.8	0.330	Pass

Test Graph

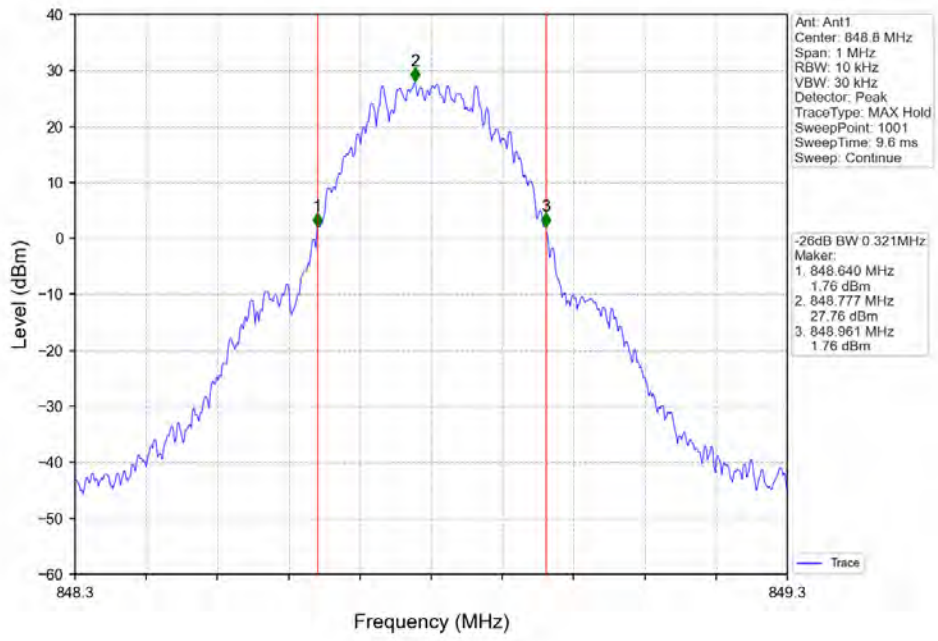
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



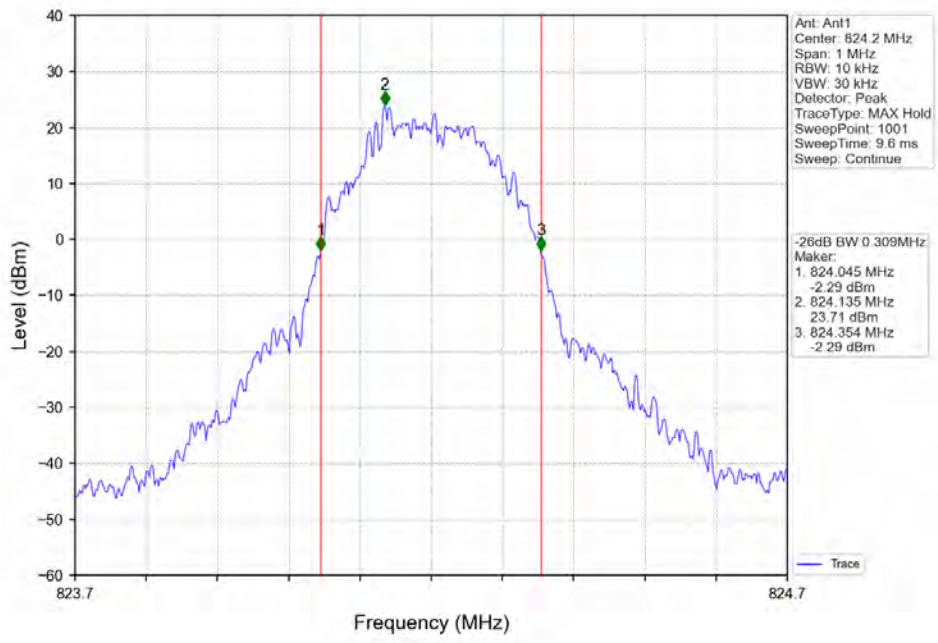
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



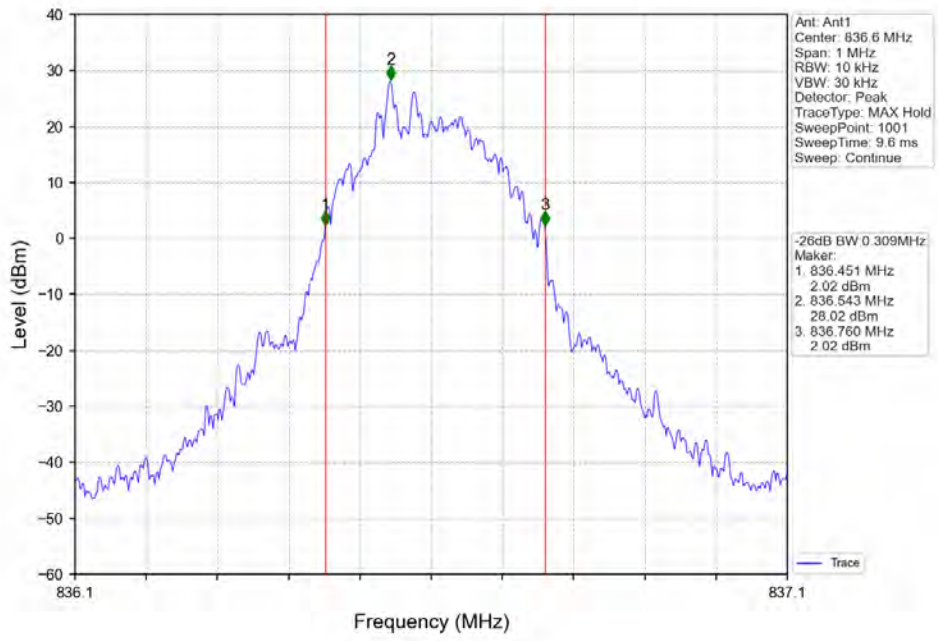
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



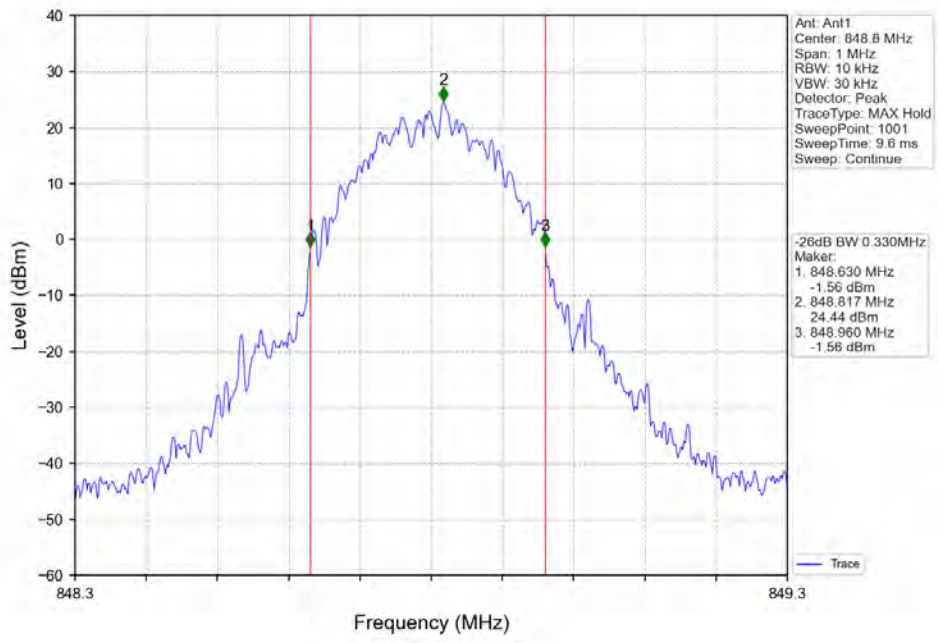
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV

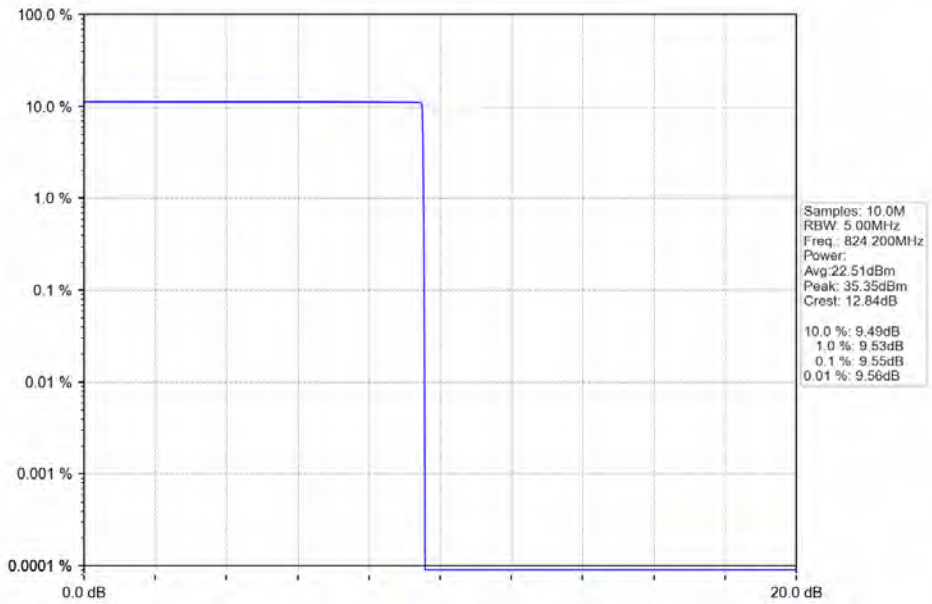


Peak-Average Ratio Test Result

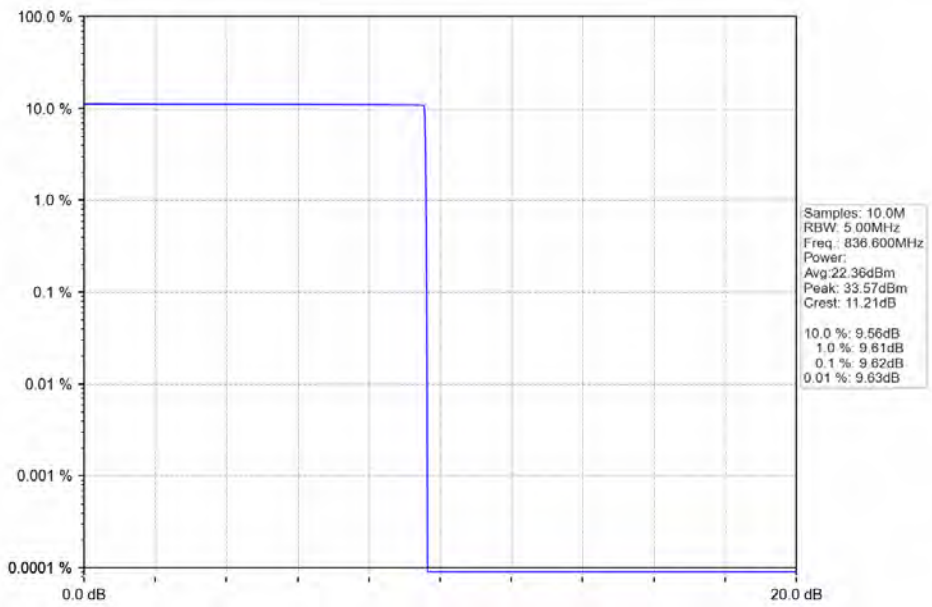
Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	4 TX Slots	824.2	9.55	<=13	Pass
			836.6	9.62	<=13	Pass
			848.8	3.82	<=13	Pass
	EGSM	4 TX Slots	824.2	7.32	<=13	Pass
			836.6	6.20	<=13	Pass
			848.8	7.25	<=13	Pass

Test Graph

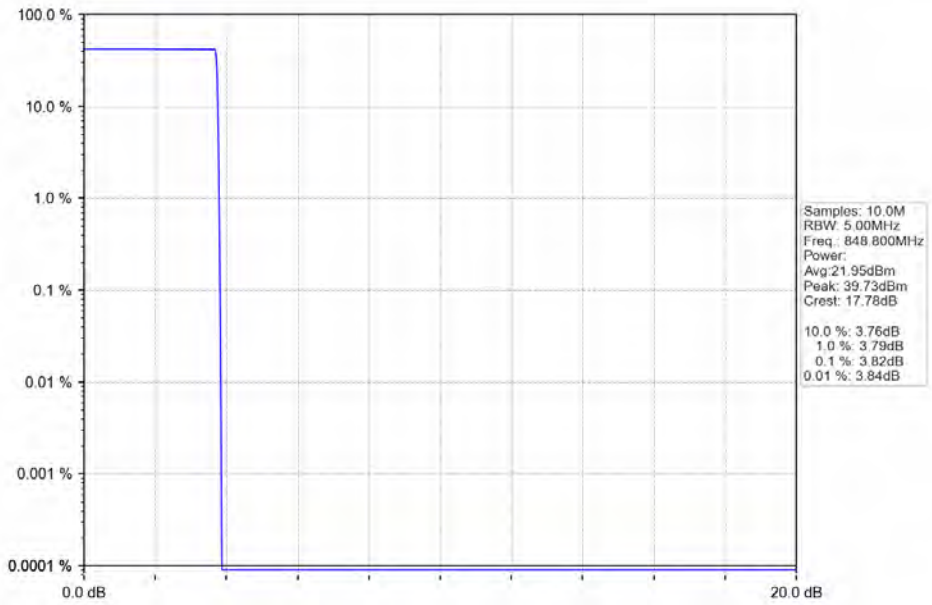
GSM850_GSM_LCH_824.2MHz_4 TX Slots_NTNV



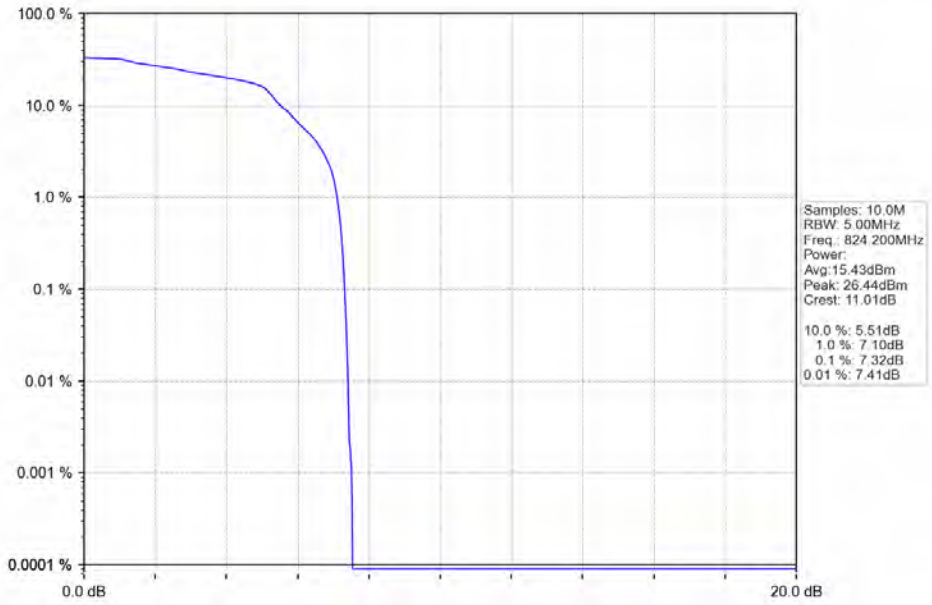
GSM850_GSM_MCH_836.6MHz_4 TX Slots_NTNV



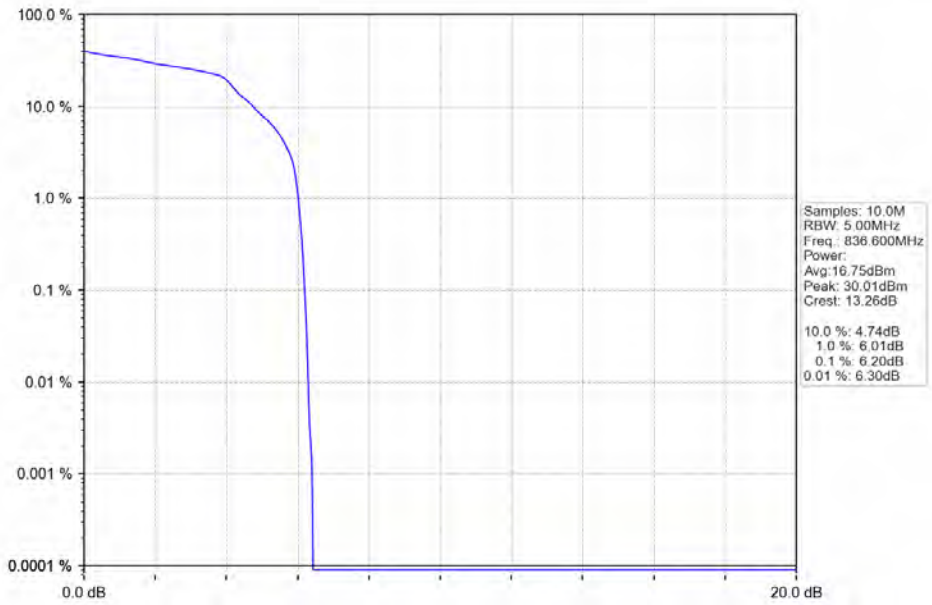
GSM850_GSM_HCH_848.8MHz_4 TX Slots_NTNV



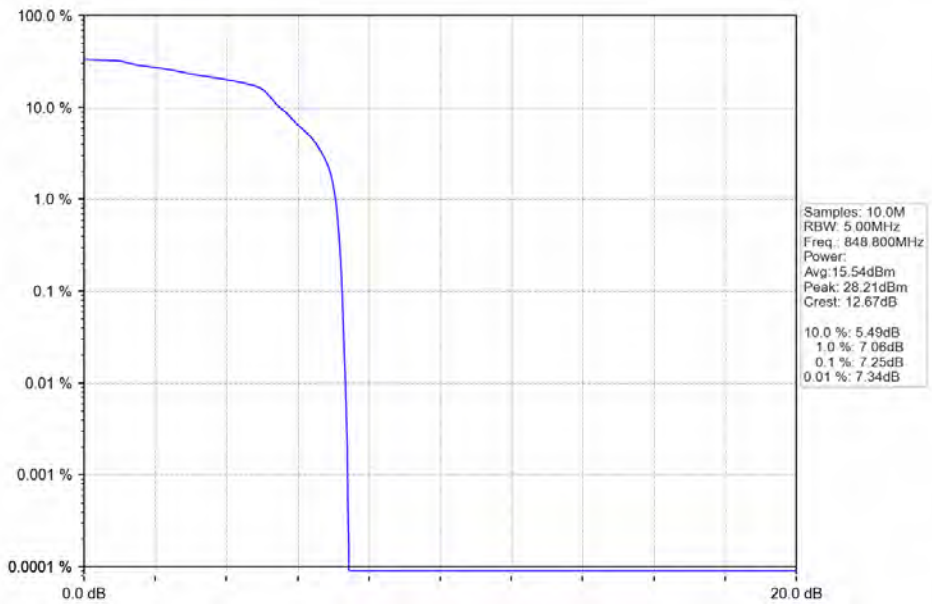
GSM850_EGSM_LCH_824.2MHz_4 TX Slots_NTNV



GSM850_EGSM_MCH_836.6MHz_4 TX Slots_NTNV



GSM850_EGSM_HCH_848.8MHz_4 TX Slots_NTNV

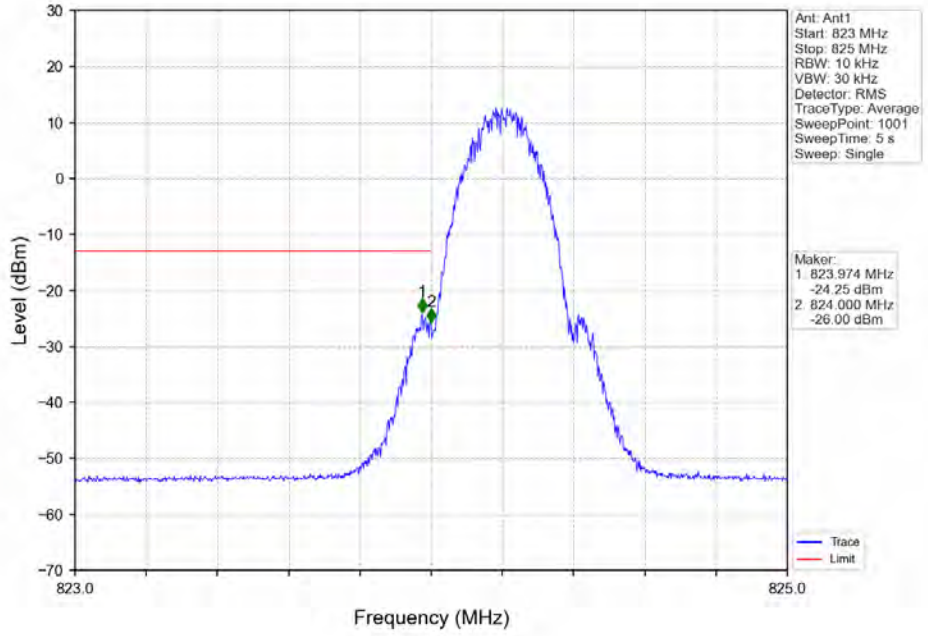


Spurious Emission Test Result

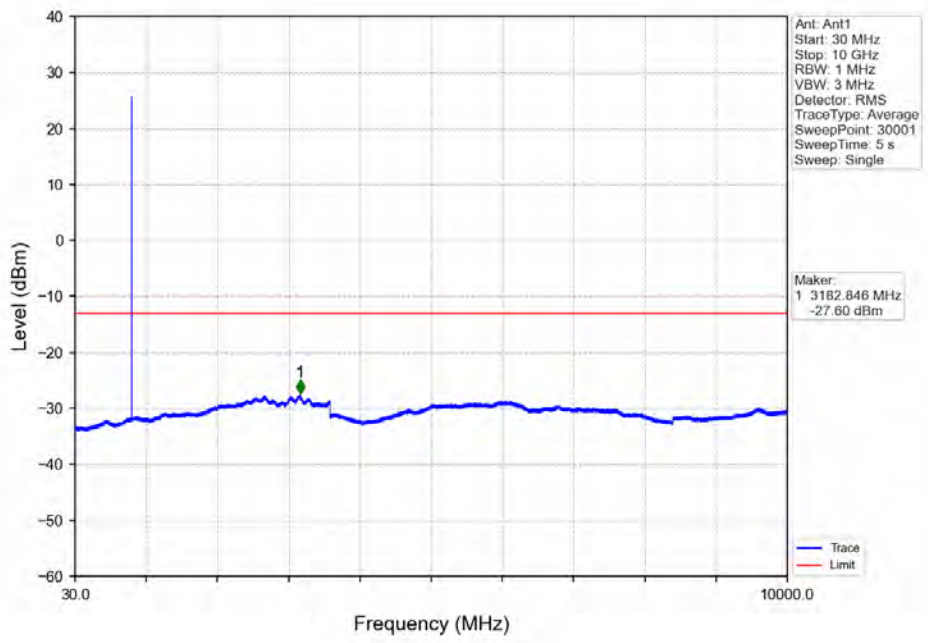
Band: GSM850						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	1 TX Slot	824.2	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			848.8	Refer To Test Graph		Pass
	EGSM	1 TX Slot	824.2	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			848.8	Refer To Test Graph		Pass

Test Graph

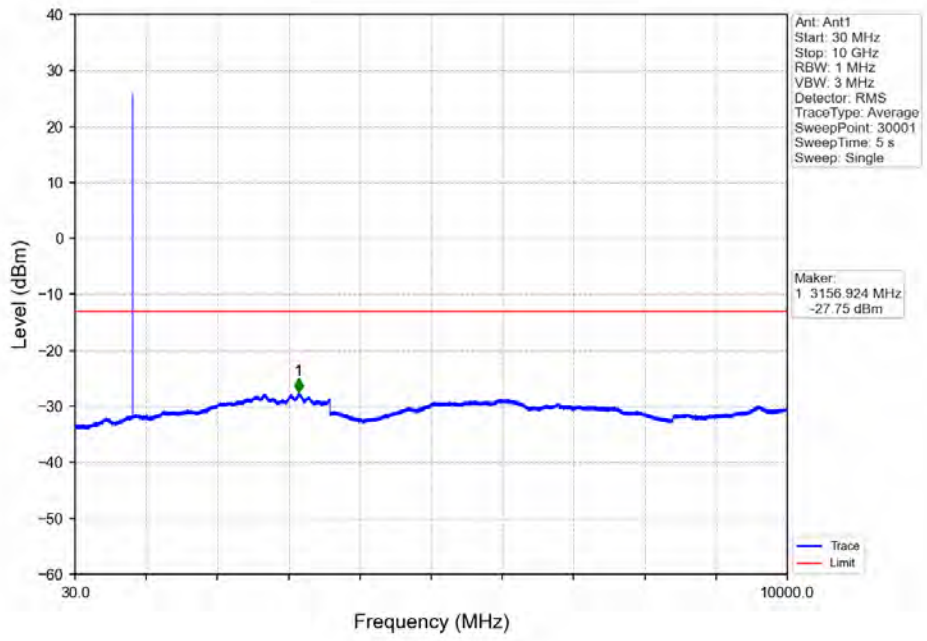
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



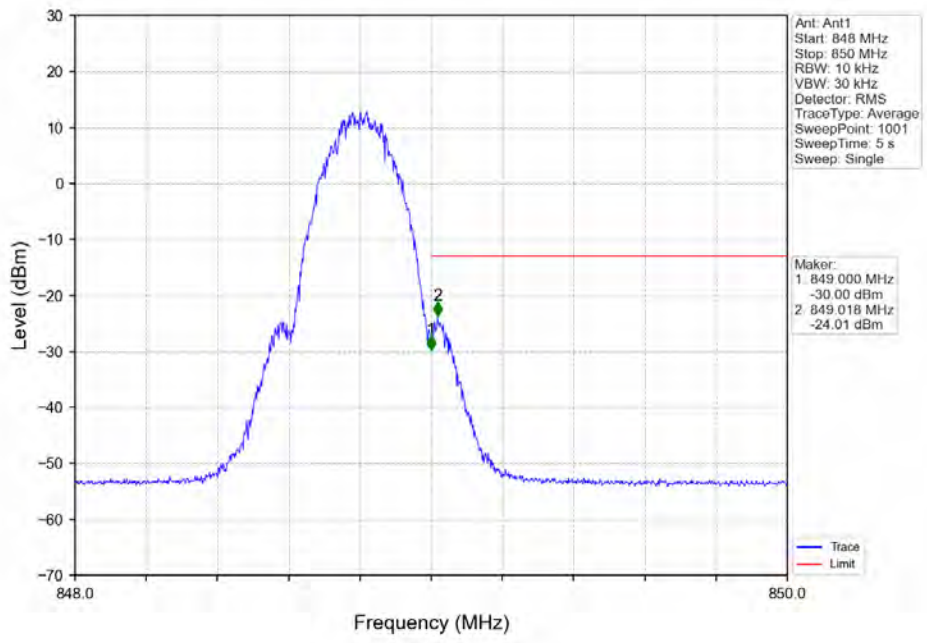
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



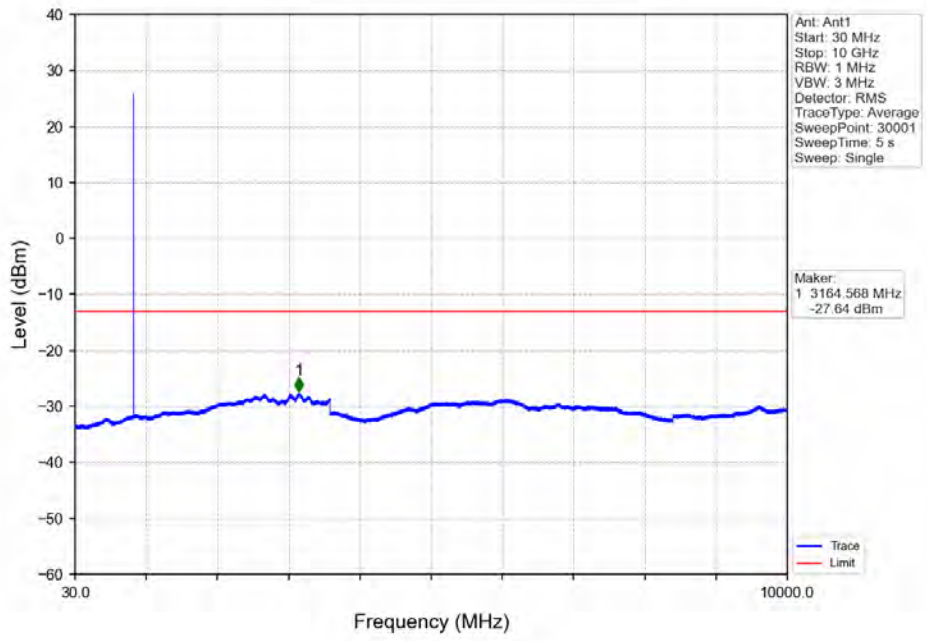
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



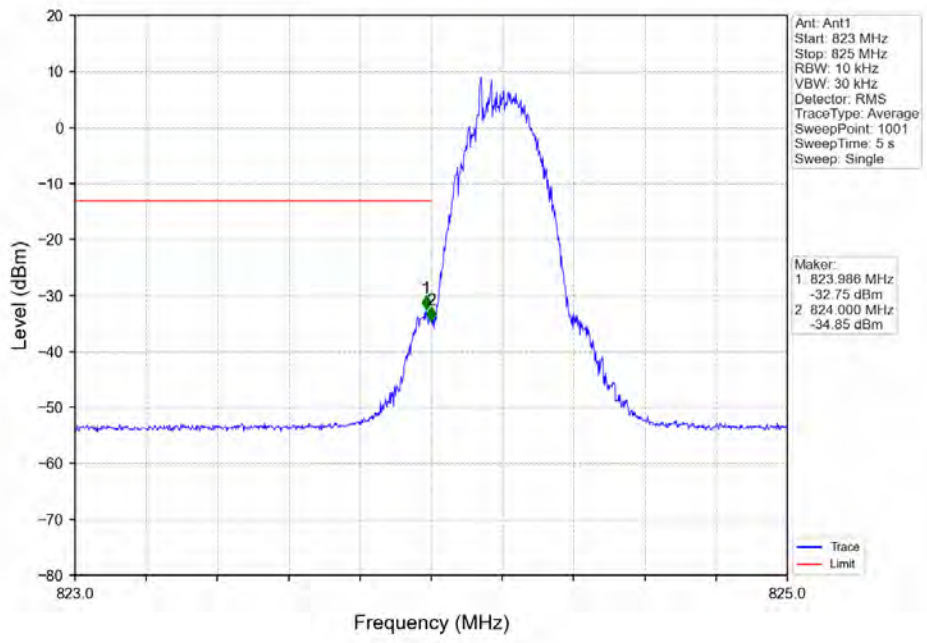
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



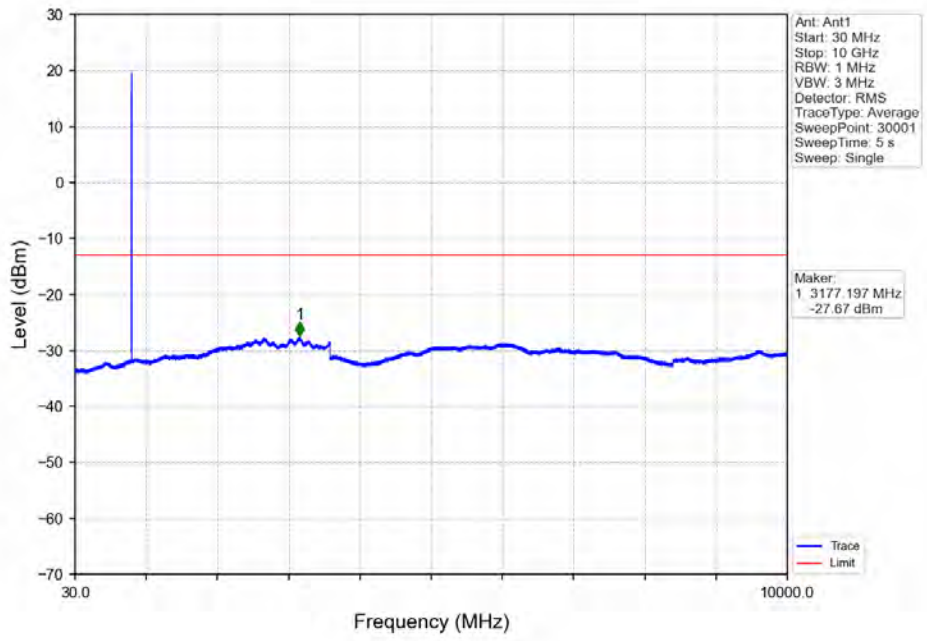
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



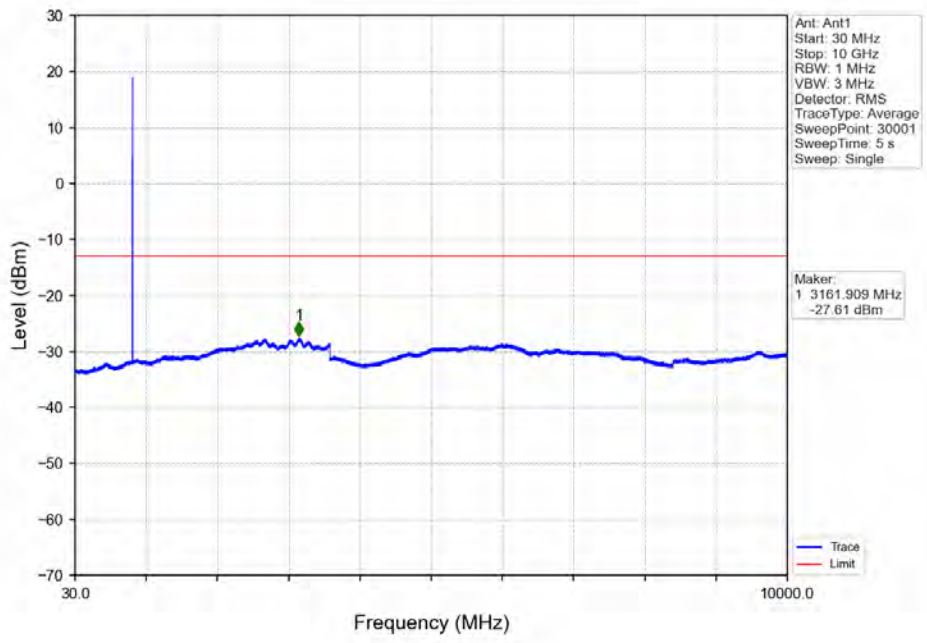
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



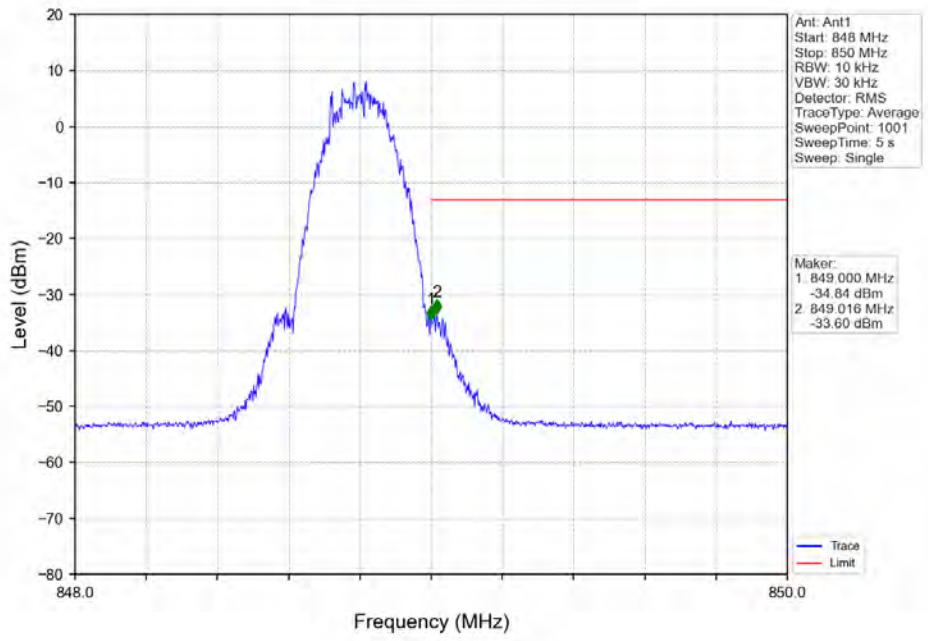
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



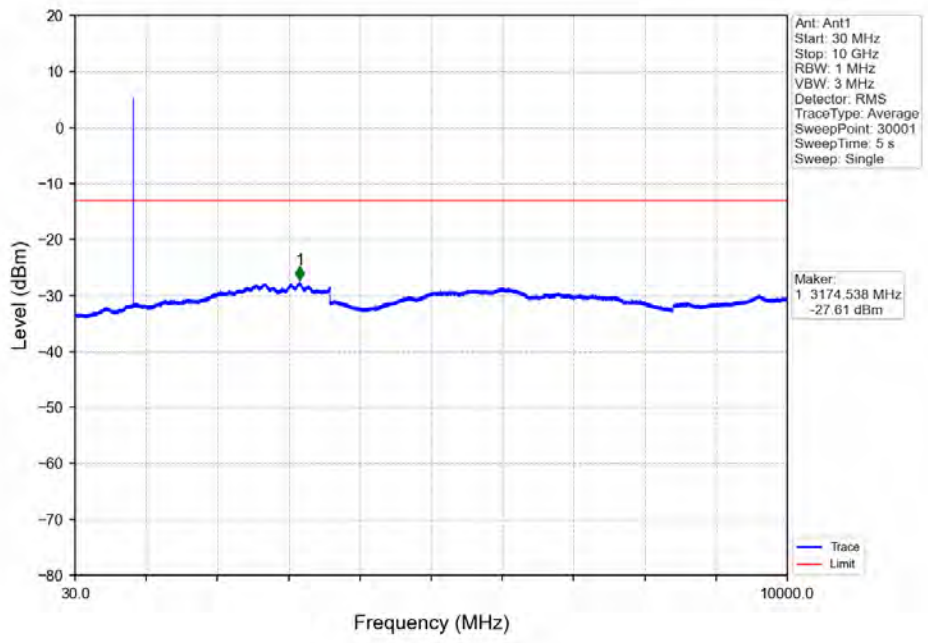
GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV



WCDMA Band 5
Frequency Stability Test Result

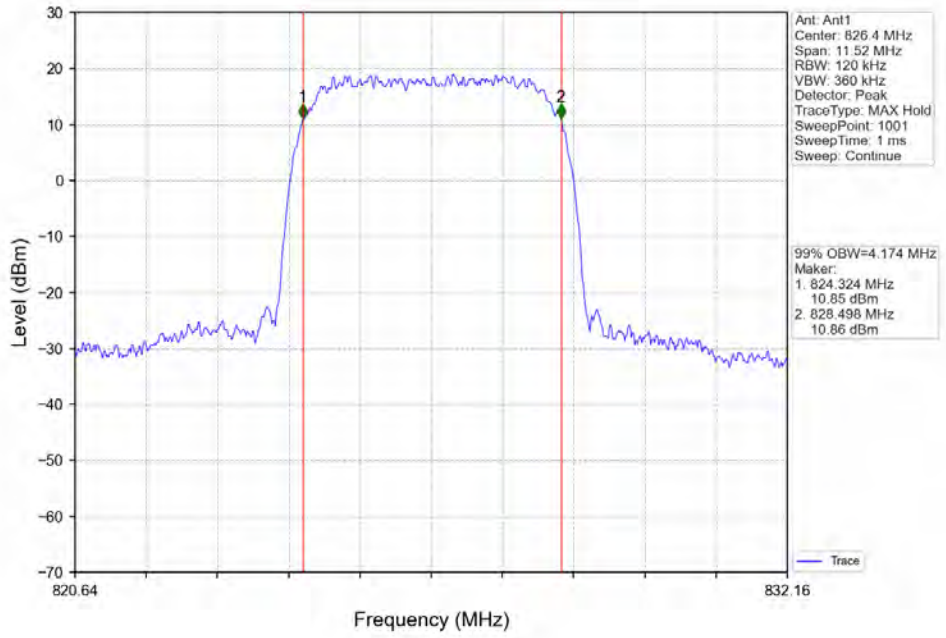
Band: 5							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	826.4	20	3.27	0.52	0.00	-2.5 to 2.5	Pass
			3.85	0.84	0.00	-2.5 to 2.5	Pass
			4.43	1.03	0.00	-2.5 to 2.5	Pass
		-30	3.85	1.08	0.00	-2.5 to 2.5	Pass
		-20	3.85	1.25	0.00	-2.5 to 2.5	Pass
		-10	3.85	0.01	0.00	-2.5 to 2.5	Pass
		0	3.85	-0.34	-0.00	-2.5 to 2.5	Pass
		10	3.85	0.54	0.00	-2.5 to 2.5	Pass
		30	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
		40	3.85	0.29	0.00	-2.5 to 2.5	Pass
		50	3.85	1.02	0.00	-2.5 to 2.5	Pass
	836.6	20	3.27	-0.75	-0.00	-2.5 to 2.5	Pass
			3.85	-0.18	-0.00	-2.5 to 2.5	Pass
			4.43	-1.31	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-0.25	-0.00	-2.5 to 2.5	Pass
		-20	3.85	0.84	0.00	-2.5 to 2.5	Pass
		-10	3.85	-1.29	-0.00	-2.5 to 2.5	Pass
		0	3.85	0.32	0.00	-2.5 to 2.5	Pass
		10	3.85	-0.22	-0.00	-2.5 to 2.5	Pass
		30	3.85	2.50	0.00	-2.5 to 2.5	Pass
		40	3.85	0.58	0.00	-2.5 to 2.5	Pass
		50	3.85	0.18	0.00	-2.5 to 2.5	Pass
	846.6	20	3.27	1.56	0.00	-2.5 to 2.5	Pass
			3.85	0.26	0.00	-2.5 to 2.5	Pass
			4.43	-1.36	-0.00	-2.5 to 2.5	Pass
		-30	3.85	1.79	0.00	-2.5 to 2.5	Pass
		-20	3.85	-0.97	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-1.31	-0.00	-2.5 to 2.5	Pass
		0	3.85	1.07	0.00	-2.5 to 2.5	Pass
		10	3.85	0.59	0.00	-2.5 to 2.5	Pass
		30	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
		40	3.85	0.51	0.00	-2.5 to 2.5	Pass
		50	3.85	-1.02	-0.00	-2.5 to 2.5	Pass

99% & 26dB Bandwidth 99% OBW Test Result

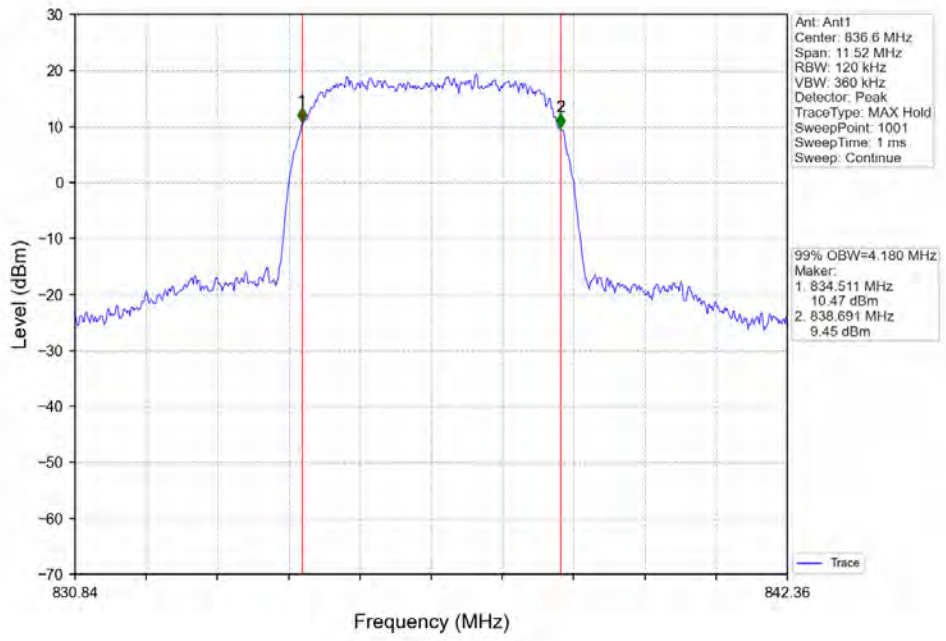
Band: 5					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	826.4	4.174	Pass
			836.6	4.180	Pass
			846.6	4.164	Pass

Test Graph

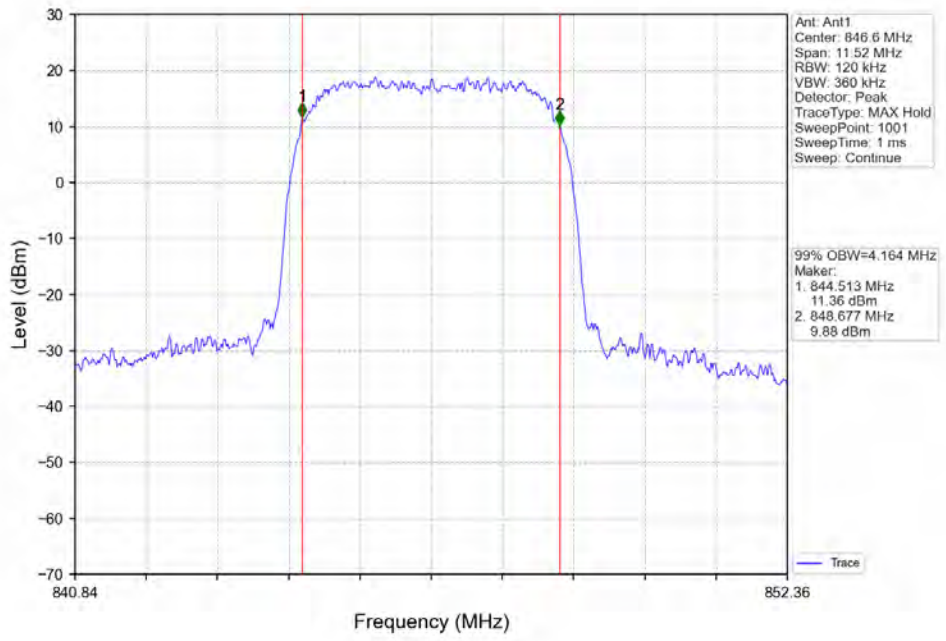
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

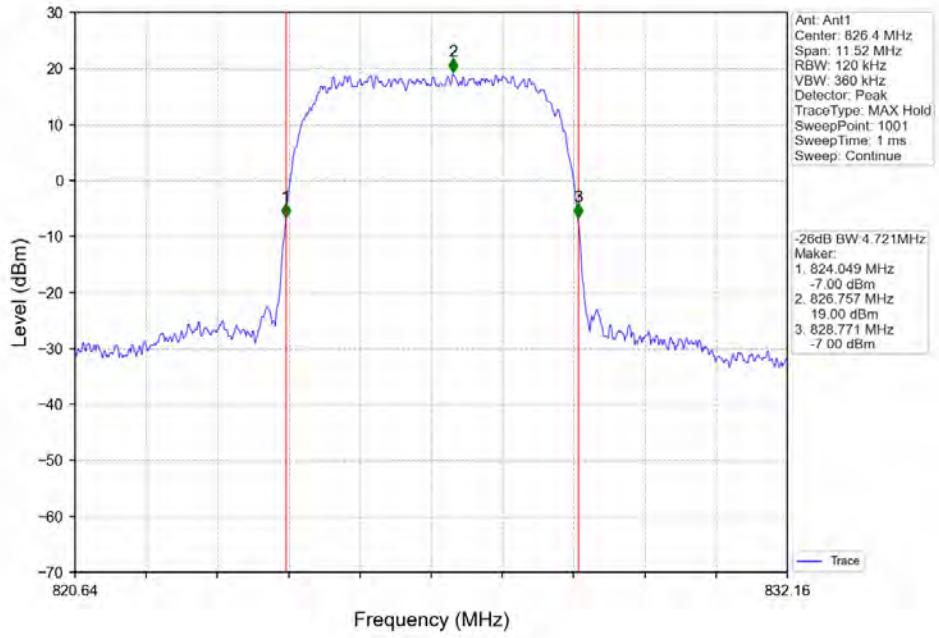


26DB_OBW Test Result

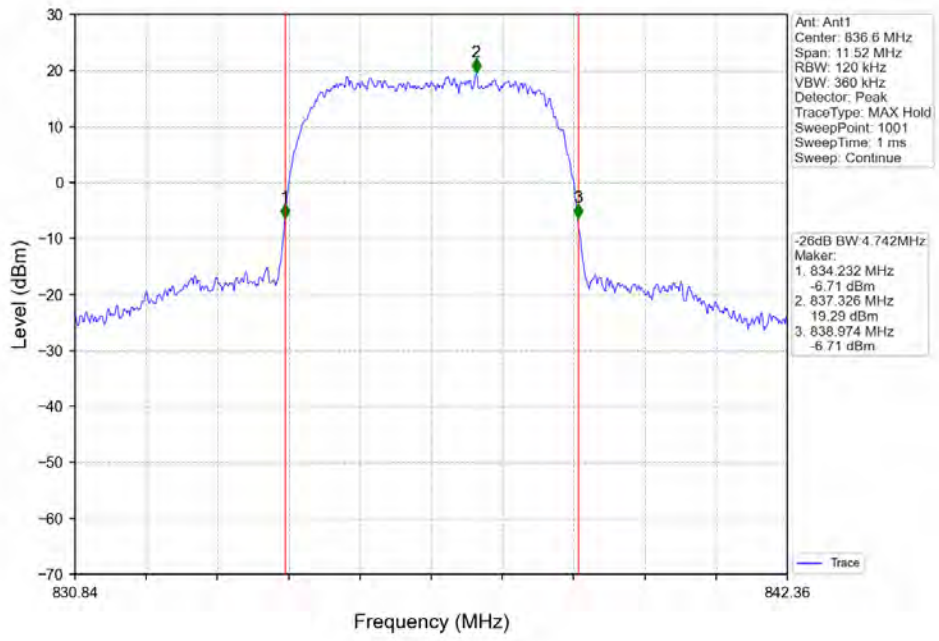
Band: 5					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	826.4	4.721	Pass
			836.6	4.742	Pass
			846.6	4.727	Pass

Test Graph

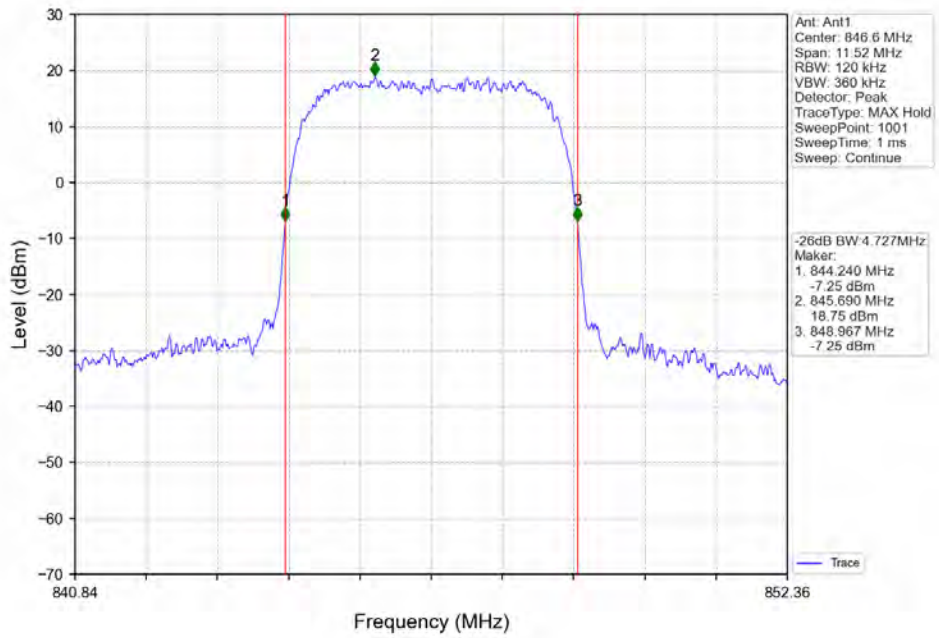
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

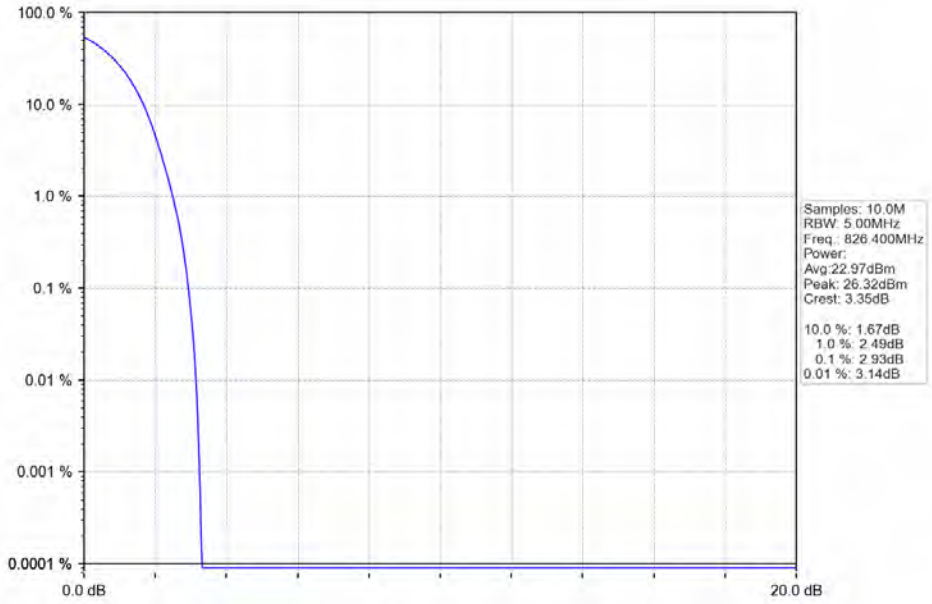


Peak-Average Ratio Test Result

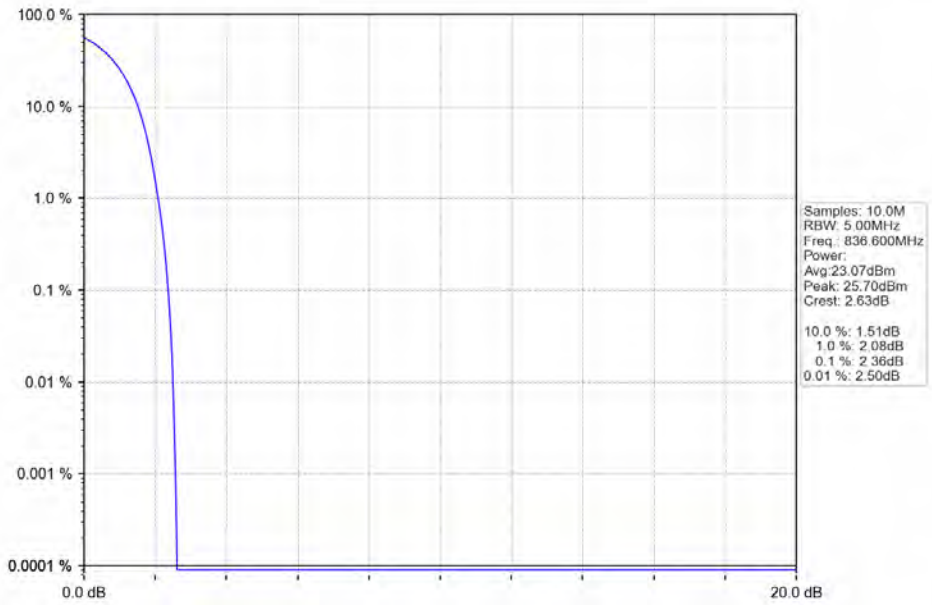
Band: 5						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	2.93	<=13	Pass
			836.6	2.36	<=13	Pass
			846.6	2.86	<=13	Pass

Test Graph

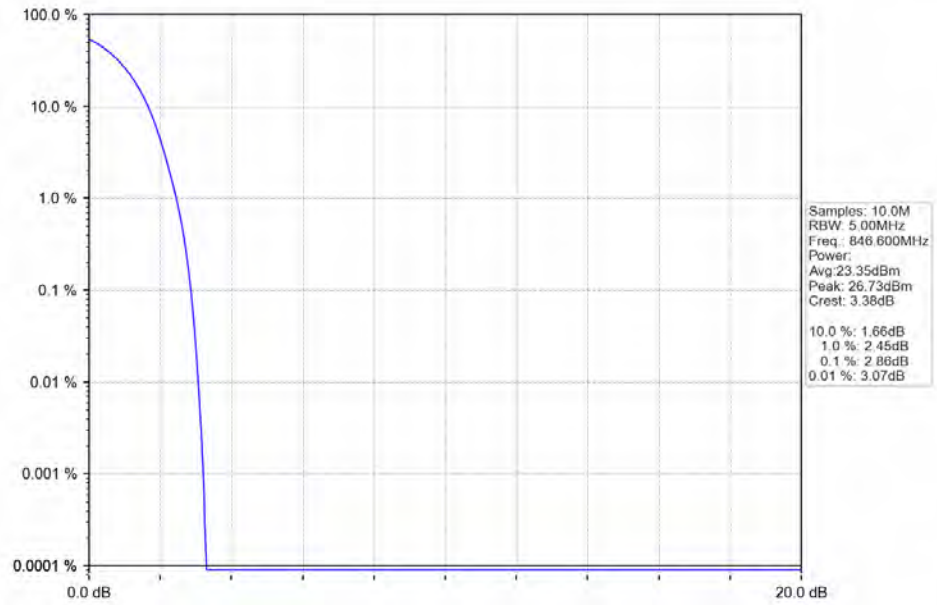
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

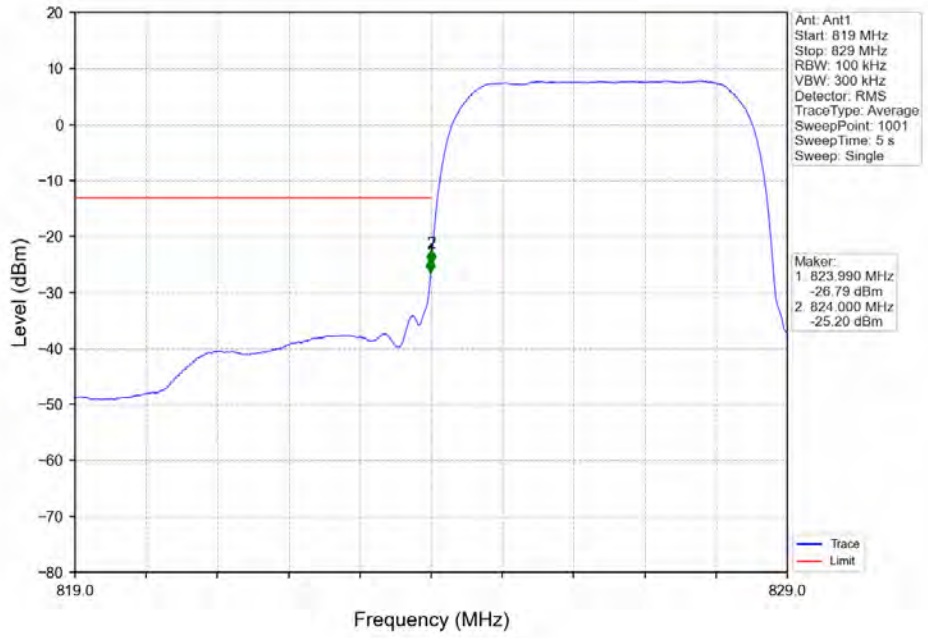


Spurious Emission Test Result

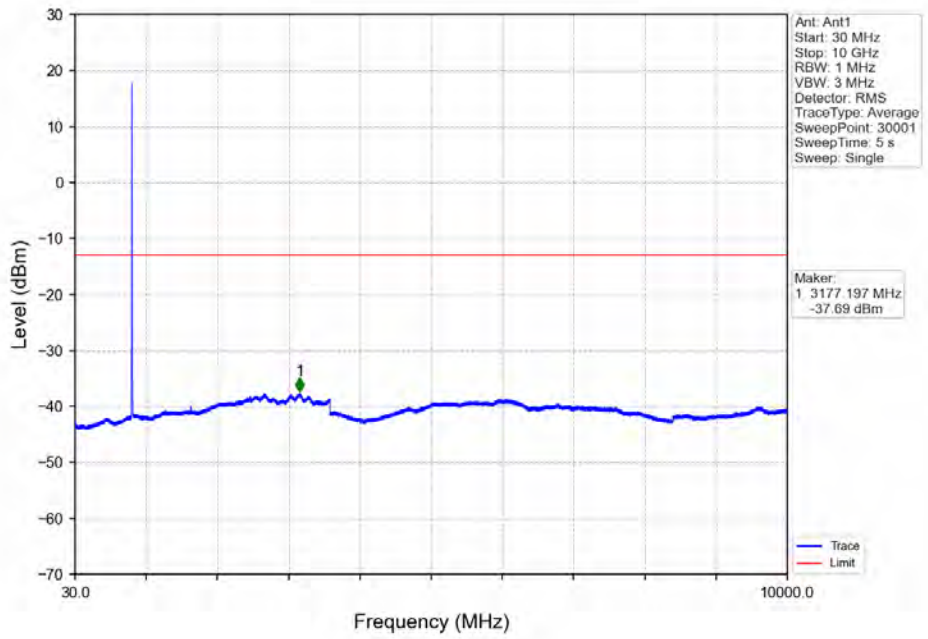
Band: 5						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass

Test Graph

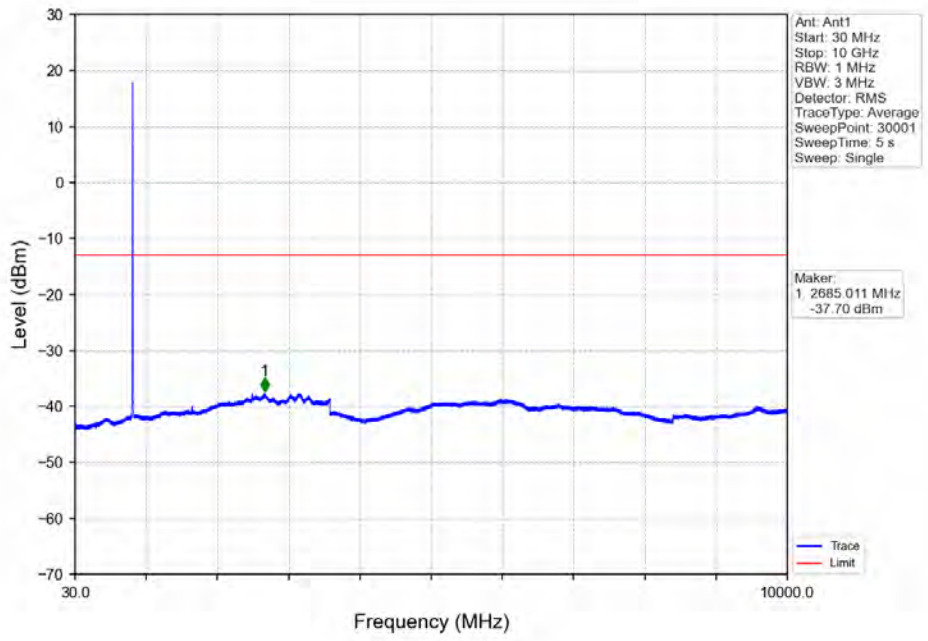
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



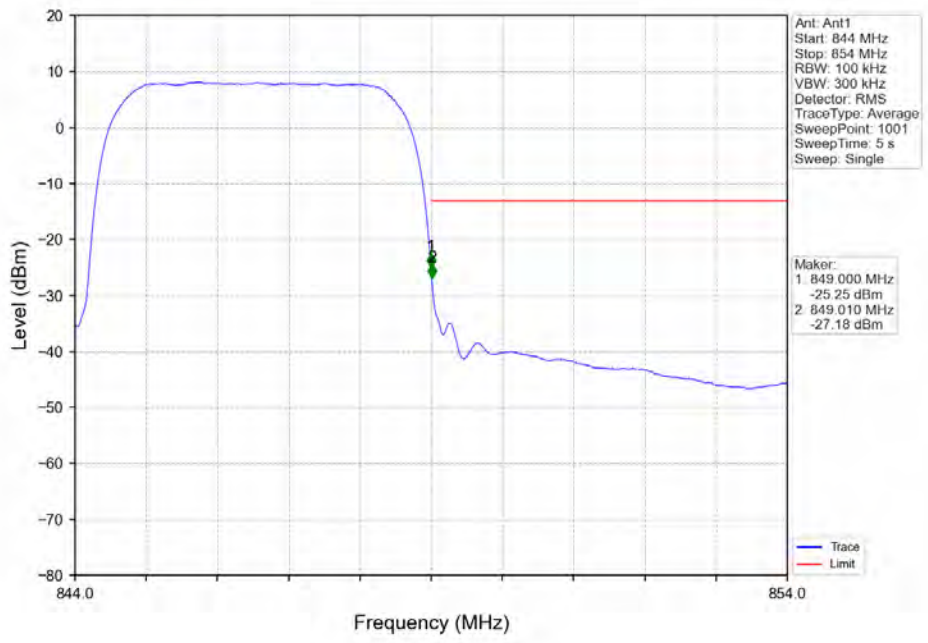
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



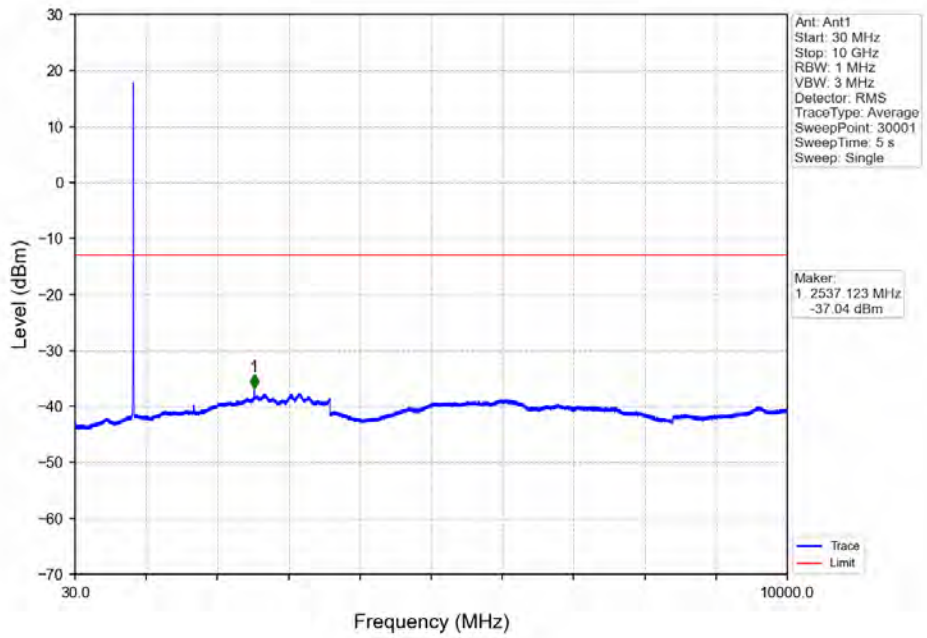
Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV



LTE_Band5
Frequency Stability Test Result

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	7.44	0.01	-2.5 to 2.5	Pass
					3.85	8.63	0.01	-2.5 to 2.5	Pass
					4.43	8.97	0.01	-2.5 to 2.5	Pass
				-30	3.85	7.32	0.01	-2.5 to 2.5	Pass
				-20	3.85	4.62	0.01	-2.5 to 2.5	Pass
				-10	3.85	2.29	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.14	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
				30	3.85	-8.68	-0.01	-2.5 to 2.5	Pass
				40	3.85	-14.05	-0.02	-2.5 to 2.5	Pass
				50	3.85	-15.94	-0.02	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-2.06	-0.00	-2.5 to 2.5	Pass
					3.85	-2.29	-0.00	-2.5 to 2.5	Pass
					4.43	-4.43	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.48	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-6.68	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-10.19	-0.01	-2.5 to 2.5	Pass
				0	3.85	-13.63	-0.02	-2.5 to 2.5	Pass
				10	3.85	-17.97	-0.02	-2.5 to 2.5	Pass
				30	3.85	-21.07	-0.03	-2.5 to 2.5	Pass
				40	3.85	-21.66	-0.03	-2.5 to 2.5	Pass
				50	3.85	-24.09	-0.03	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-24.42	-0.03	-2.5 to 2.5	Pass
					3.85	-32.60	-0.04	-2.5 to 2.5	Pass
					4.43	-31.87	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-36.31	-0.04	-2.5 to 2.5	Pass
				-20	3.85	-41.80	-0.05	-2.5 to 2.5	Pass
				-10	3.85	-7.60	-0.01	-2.5 to 2.5	Pass
				0	3.85	-19.67	-0.02	-2.5 to 2.5	Pass
				10	3.85	-28.28	-0.03	-2.5 to 2.5	Pass
				30	3.85	-33.73	-0.04	-2.5 to 2.5	Pass
				40	3.85	-37.95	-0.04	-2.5 to 2.5	Pass
				50	3.85	-43.79	-0.05	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-19.45	-0.02	-2.5 to 2.5	Pass
					3.85	-20.66	-0.03	-2.5 to 2.5	Pass
					4.43	-22.43	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-23.33	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-21.87	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-22.19	-0.03	-2.5 to 2.5	Pass
				0	3.85	-21.80	-0.03	-2.5 to 2.5	Pass
				10	3.85	-19.74	-0.02	-2.5 to 2.5	Pass
				30	3.85	-20.01	-0.02	-2.5 to 2.5	Pass
				40	3.85	-18.15	-0.02	-2.5 to 2.5	Pass
				50	3.85	-19.14	-0.02	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-26.72	-0.03	-2.5 to 2.5	Pass
					3.85	-27.54	-0.03	-2.5 to 2.5	Pass
					4.43	-28.42	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-26.94	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-28.15	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-25.33	-0.03	-2.5 to 2.5	Pass
				0	3.85	-22.63	-0.03	-2.5 to 2.5	Pass
				10	3.85	-23.29	-0.03	-2.5 to 2.5	Pass
				30	3.85	-20.67	-0.02	-2.5 to 2.5	Pass
				40	3.85	-19.67	-0.02	-2.5 to 2.5	Pass
				50	3.85	-19.37	-0.02	-2.5 to 2.5	Pass

	848.3	6	0	20	3.27	-17.15	-0.02	-2.5 to 2.5	Pass
					3.85	-45.25	-0.05	-2.5 to 2.5	Pass
					4.43	-37.15	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-17.58	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-49.28	-0.06	-2.5 to 2.5	Pass
				-10	3.85	-26.35	-0.03	-2.5 to 2.5	Pass
				0	3.85	-5.02	-0.01	-2.5 to 2.5	Pass
				10	3.85	-31.82	-0.04	-2.5 to 2.5	Pass
				30	3.85	-10.94	-0.01	-2.5 to 2.5	Pass
				40	3.85	-36.48	-0.04	-2.5 to 2.5	Pass
				50	3.85	-9.70	-0.01	-2.5 to 2.5	Pass
64QAM	824.7	6	0	20	3.27	-15.65	-0.02	-2.5 to 2.5	Pass
					3.85	-11.77	-0.01	-2.5 to 2.5	Pass
					4.43	-9.03	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.38	-0.00	-2.5 to 2.5	Pass
				-10	3.85	2.89	0.00	-2.5 to 2.5	Pass
				0	3.85	5.02	0.01	-2.5 to 2.5	Pass
				10	3.85	9.64	0.01	-2.5 to 2.5	Pass
				30	3.85	11.21	0.01	-2.5 to 2.5	Pass
				40	3.85	14.68	0.02	-2.5 to 2.5	Pass
				50	3.85	15.86	0.02	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	-17.51	-0.02	-2.5 to 2.5	Pass
					3.85	-14.91	-0.02	-2.5 to 2.5	Pass
					4.43	-11.99	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-8.78	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-3.48	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.00	-0.00	-2.5 to 2.5	Pass
				0	3.85	2.38	0.00	-2.5 to 2.5	Pass
				10	3.85	7.77	0.01	-2.5 to 2.5	Pass
				30	3.85	11.47	0.01	-2.5 to 2.5	Pass
				40	3.85	14.19	0.02	-2.5 to 2.5	Pass
				50	3.85	19.40	0.02	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-39.37	-0.05	-2.5 to 2.5	Pass
					3.85	-12.57	-0.01	-2.5 to 2.5	Pass
					4.43	-32.20	-0.04	-2.5 to 2.5	Pass
				-30	3.85	-48.75	-0.06	-2.5 to 2.5	Pass
				-20	3.85	-22.84	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-37.97	-0.04	-2.5 to 2.5	Pass
				0	3.85	-6.27	-0.01	-2.5 to 2.5	Pass
				10	3.85	-20.31	-0.02	-2.5 to 2.5	Pass
				30	3.85	-38.54	-0.05	-2.5 to 2.5	Pass
				40	3.85	-34.26	-0.04	-2.5 to 2.5	Pass
				50	3.85	-13.75	-0.02	-2.5 to 2.5	Pass

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	5.72	0.01	-2.5 to 2.5	Pass
					3.85	3.40	0.00	-2.5 to 2.5	Pass

					4.43	-6.34	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-17.85	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-27.85	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-40.87	-0.05	-2.5 to 2.5	Pass
				0	3.85	-14.73	-0.02	-2.5 to 2.5	Pass
				10	3.85	-29.25	-0.04	-2.5 to 2.5	Pass
				30	3.85	-45.55	-0.06	-2.5 to 2.5	Pass
				40	3.85	-14.83	-0.02	-2.5 to 2.5	Pass
				50	3.85	-32.27	-0.04	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-3.46	-0.00	-2.5 to 2.5	Pass
					3.85	-1.65	-0.00	-2.5 to 2.5	Pass
					4.43	-3.19	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.48	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.42	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-6.64	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.65	-0.01	-2.5 to 2.5	Pass
				10	3.85	-7.62	-0.01	-2.5 to 2.5	Pass
				30	3.85	-8.18	-0.01	-2.5 to 2.5	Pass
				40	3.85	-10.41	-0.01	-2.5 to 2.5	Pass
				50	3.85	-10.79	-0.01	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-3.19	-0.00	-2.5 to 2.5	Pass
					3.85	-8.07	-0.01	-2.5 to 2.5	Pass
					4.43	-10.47	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-16.66	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-22.24	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-27.52	-0.03	-2.5 to 2.5	Pass
				0	3.85	-32.41	-0.04	-2.5 to 2.5	Pass
				10	3.85	-38.68	-0.05	-2.5 to 2.5	Pass
				30	3.85	-43.47	-0.05	-2.5 to 2.5	Pass
				40	3.85	-5.29	-0.01	-2.5 to 2.5	Pass
				50	3.85	-12.33	-0.01	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-2.15	-0.00	-2.5 to 2.5	Pass
					3.85	-11.60	-0.01	-2.5 to 2.5	Pass
					4.43	-14.65	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-16.61	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-17.64	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-19.70	-0.02	-2.5 to 2.5	Pass
				0	3.85	-20.79	-0.03	-2.5 to 2.5	Pass
				10	3.85	-22.50	-0.03	-2.5 to 2.5	Pass
				30	3.85	-21.03	-0.03	-2.5 to 2.5	Pass
				40	3.85	-21.10	-0.03	-2.5 to 2.5	Pass
				50	3.85	-24.33	-0.03	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-12.17	-0.01	-2.5 to 2.5	Pass
					3.85	-11.82	-0.01	-2.5 to 2.5	Pass
					4.43	-12.95	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-11.41	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-8.27	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-4.78	-0.01	-2.5 to 2.5	Pass
				0	3.85	-3.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.75	-0.00	-2.5 to 2.5	Pass
				30	3.85	1.03	0.00	-2.5 to 2.5	Pass
				40	3.85	3.32	0.00	-2.5 to 2.5	Pass
				50	3.85	4.45	0.01	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-16.72	-0.02	-2.5 to 2.5	Pass
					3.85	-19.73	-0.02	-2.5 to 2.5	Pass
					4.43	-21.21	-0.03	-2.5 to 2.5	Pass
				-30	3.85	-26.54	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-24.80	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-28.48	-0.03	-2.5 to 2.5	Pass
				0	3.85	-28.22	-0.03	-2.5 to 2.5	Pass
				10	3.85	-30.43	-0.04	-2.5 to 2.5	Pass

				30	3.85	-28.78	-0.03	-2.5 to 2.5	Pass
				40	3.85	-27.87	-0.03	-2.5 to 2.5	Pass
				50	3.85	-29.55	-0.03	-2.5 to 2.5	Pass
64QAM	825.5	15	0	20	3.27	-26.94	-0.03	-2.5 to 2.5	Pass
					3.85	-24.79	-0.03	-2.5 to 2.5	Pass
					4.43	-15.68	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-8.35	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-1.90	-0.00	-2.5 to 2.5	Pass
				-10	3.85	4.65	0.01	-2.5 to 2.5	Pass
				0	3.85	9.87	0.01	-2.5 to 2.5	Pass
				10	3.85	13.56	0.02	-2.5 to 2.5	Pass
				30	3.85	21.30	0.03	-2.5 to 2.5	Pass
				40	3.85	24.98	0.03	-2.5 to 2.5	Pass
				50	3.85	29.24	0.04	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	6.62	0.01	-2.5 to 2.5	Pass
					3.85	11.46	0.01	-2.5 to 2.5	Pass
					4.43	15.95	0.02	-2.5 to 2.5	Pass
				-30	3.85	21.11	0.03	-2.5 to 2.5	Pass
				-20	3.85	23.85	0.03	-2.5 to 2.5	Pass
				-10	3.85	25.62	0.03	-2.5 to 2.5	Pass
				0	3.85	30.01	0.04	-2.5 to 2.5	Pass
				10	3.85	34.43	0.04	-2.5 to 2.5	Pass
				30	3.85	36.16	0.04	-2.5 to 2.5	Pass
				40	3.85	38.24	0.05	-2.5 to 2.5	Pass
				50	3.85	41.87	0.05	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-25.28	-0.03	-2.5 to 2.5	Pass
					3.85	-24.35	-0.03	-2.5 to 2.5	Pass
					4.43	-20.99	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-20.87	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-20.01	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-16.61	-0.02	-2.5 to 2.5	Pass
				0	3.85	-18.40	-0.02	-2.5 to 2.5	Pass
				10	3.85	-17.64	-0.02	-2.5 to 2.5	Pass
				30	3.85	-14.79	-0.02	-2.5 to 2.5	Pass
				40	3.85	-15.68	-0.02	-2.5 to 2.5	Pass
				50	3.85	-12.45	-0.01	-2.5 to 2.5	Pass

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	9.96	0.01	-2.5 to 2.5	Pass
					3.85	8.41	0.01	-2.5 to 2.5	Pass
					4.43	7.64	0.01	-2.5 to 2.5	Pass
				-30	3.85	10.34	0.01	-2.5 to 2.5	Pass
				-20	3.85	8.76	0.01	-2.5 to 2.5	Pass
				-10	3.85	5.64	0.01	-2.5 to 2.5	Pass
				0	3.85	4.06	0.00	-2.5 to 2.5	Pass
				10	3.85	1.07	0.00	-2.5 to 2.5	Pass
				30	3.85	-2.48	-0.00	-2.5 to 2.5	Pass
				40	3.85	-7.75	-0.01	-2.5 to 2.5	Pass
				50	3.85	-11.37	-0.01	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	2.85	0.00	-2.5 to 2.5	Pass
					3.85	2.32	0.00	-2.5 to 2.5	Pass
					4.43	-0.13	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.59	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.92	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-7.02	-0.01	-2.5 to 2.5	Pass
				0	3.85	-12.29	-0.01	-2.5 to 2.5	Pass
				10	3.85	-14.92	-0.02	-2.5 to 2.5	Pass
				30	3.85	-15.79	-0.02	-2.5 to 2.5	Pass
				40	3.85	-16.84	-0.02	-2.5 to 2.5	Pass
				50	3.85	-18.55	-0.02	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-4.62	-0.01	-2.5 to 2.5	Pass
					3.85	-8.30	-0.01	-2.5 to 2.5	Pass
					4.43	-12.60	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-14.13	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-16.81	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-23.12	-0.03	-2.5 to 2.5	Pass
				0	3.85	-29.71	-0.04	-2.5 to 2.5	Pass
				10	3.85	-31.57	-0.04	-2.5 to 2.5	Pass
				30	3.85	-36.74	-0.04	-2.5 to 2.5	Pass
				40	3.85	-42.46	-0.05	-2.5 to 2.5	Pass
				50	3.85	-2.80	-0.00	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	-13.15	-0.02	-2.5 to 2.5	Pass
					3.85	-15.96	-0.02	-2.5 to 2.5	Pass
					4.43	-16.07	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-17.71	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-15.79	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-16.02	-0.02	-2.5 to 2.5	Pass
				0	3.85	-16.41	-0.02	-2.5 to 2.5	Pass
				10	3.85	-14.16	-0.02	-2.5 to 2.5	Pass
				30	3.85	-9.94	-0.01	-2.5 to 2.5	Pass
				40	3.85	-8.44	-0.01	-2.5 to 2.5	Pass
				50	3.85	-6.85	-0.01	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-20.77	-0.02	-2.5 to 2.5	Pass
					3.85	-22.55	-0.03	-2.5 to 2.5	Pass
					4.43	-19.87	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-20.31	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-21.37	-0.03	-2.5 to 2.5	Pass
				-10	3.85	-20.80	-0.02	-2.5 to 2.5	Pass
				0	3.85	-21.16	-0.03	-2.5 to 2.5	Pass
				10	3.85	-19.51	-0.02	-2.5 to 2.5	Pass
				30	3.85	-18.27	-0.02	-2.5 to 2.5	Pass
				40	3.85	-16.09	-0.02	-2.5 to 2.5	Pass
				50	3.85	-14.75	-0.02	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-10.53	-0.01	-2.5 to 2.5	Pass
					3.85	-14.06	-0.02	-2.5 to 2.5	Pass
					4.43	-15.54	-0.02	-2.5 to 2.5	Pass

				-30	3.85	-13.83	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-13.52	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-16.32	-0.02	-2.5 to 2.5	Pass
				0	3.85	-12.60	-0.01	-2.5 to 2.5	Pass
				10	3.85	-14.83	-0.02	-2.5 to 2.5	Pass
				30	3.85	-13.46	-0.02	-2.5 to 2.5	Pass
				40	3.85	-13.33	-0.02	-2.5 to 2.5	Pass
				50	3.85	-11.62	-0.01	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	3.27	-5.95	-0.01	-2.5 to 2.5	Pass
					3.85	-4.33	-0.01	-2.5 to 2.5	Pass
					4.43	-6.55	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.01	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.02	0.00	-2.5 to 2.5	Pass
				0	3.85	6.47	0.01	-2.5 to 2.5	Pass
				10	3.85	9.46	0.01	-2.5 to 2.5	Pass
				30	3.85	8.35	0.01	-2.5 to 2.5	Pass
				40	3.85	11.29	0.01	-2.5 to 2.5	Pass
				50	3.85	12.43	0.01	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-11.14	-0.01	-2.5 to 2.5	Pass
					3.85	-9.08	-0.01	-2.5 to 2.5	Pass
					4.43	-7.61	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-2.98	-0.00	-2.5 to 2.5	Pass
				-20	3.85	2.20	0.00	-2.5 to 2.5	Pass
				-10	3.85	6.87	0.01	-2.5 to 2.5	Pass
				0	3.85	5.82	0.01	-2.5 to 2.5	Pass
				10	3.85	9.74	0.01	-2.5 to 2.5	Pass
				30	3.85	14.28	0.02	-2.5 to 2.5	Pass
				40	3.85	15.11	0.02	-2.5 to 2.5	Pass
				50	3.85	18.47	0.02	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-7.51	-0.01	-2.5 to 2.5	Pass
					3.85	-7.35	-0.01	-2.5 to 2.5	Pass
					4.43	-6.29	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-4.63	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-0.79	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.50	0.00	-2.5 to 2.5	Pass
				0	3.85	2.12	0.00	-2.5 to 2.5	Pass
				10	3.85	5.94	0.01	-2.5 to 2.5	Pass
				30	3.85	8.37	0.01	-2.5 to 2.5	Pass
				40	3.85	9.63	0.01	-2.5 to 2.5	Pass
				50	3.85	13.16	0.02	-2.5 to 2.5	Pass

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	8.84	0.01	-2.5 to 2.5	Pass
					3.85	9.81	0.01	-2.5 to 2.5	Pass
					4.43	7.77	0.01	-2.5 to 2.5	Pass
				-30	3.85	2.02	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.06	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.98	-0.01	-2.5 to 2.5	Pass
				0	3.85	-10.79	-0.01	-2.5 to 2.5	Pass
				10	3.85	-17.05	-0.02	-2.5 to 2.5	Pass
				30	3.85	-21.03	-0.03	-2.5 to 2.5	Pass
				40	3.85	-27.81	-0.03	-2.5 to 2.5	Pass
				50	3.85	-27.24	-0.03	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-1.43	-0.00	-2.5 to 2.5	Pass
					3.85	-4.49	-0.01	-2.5 to 2.5	Pass
					4.43	-9.33	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-13.03	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-16.58	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-24.29	-0.03	-2.5 to 2.5	Pass
				0	3.85	-32.13	-0.04	-2.5 to 2.5	Pass
				10	3.85	-36.53	-0.04	-2.5 to 2.5	Pass
				30	3.85	-39.91	-0.05	-2.5 to 2.5	Pass
				40	3.85	-45.80	-0.05	-2.5 to 2.5	Pass
				50	3.85	-3.40	-0.00	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-1.39	-0.00	-2.5 to 2.5	Pass
					3.85	-5.75	-0.01	-2.5 to 2.5	Pass
					4.43	-13.15	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-21.47	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-29.53	-0.04	-2.5 to 2.5	Pass
				-10	3.85	-35.46	-0.04	-2.5 to 2.5	Pass
				0	3.85	-41.84	-0.05	-2.5 to 2.5	Pass
				10	3.85	0.63	0.00	-2.5 to 2.5	Pass
				30	3.85	-11.43	-0.01	-2.5 to 2.5	Pass
				40	3.85	-21.79	-0.03	-2.5 to 2.5	Pass
				50	3.85	-30.86	-0.04	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-25.39	-0.03	-2.5 to 2.5	Pass
					3.85	-20.48	-0.02	-2.5 to 2.5	Pass
					4.43	-11.14	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-7.50	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-1.89	-0.00	-2.5 to 2.5	Pass
				-10	3.85	3.62	0.00	-2.5 to 2.5	Pass
				0	3.85	10.23	0.01	-2.5 to 2.5	Pass
				10	3.85	16.84	0.02	-2.5 to 2.5	Pass
				30	3.85	22.76	0.03	-2.5 to 2.5	Pass
				40	3.85	26.16	0.03	-2.5 to 2.5	Pass
				50	3.85	30.17	0.04	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	-7.01	-0.01	-2.5 to 2.5	Pass
					3.85	-8.24	-0.01	-2.5 to 2.5	Pass
					4.43	-4.58	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.70	-0.00	-2.5 to 2.5	Pass
				-10	3.85	2.66	0.00	-2.5 to 2.5	Pass
				0	3.85	8.05	0.01	-2.5 to 2.5	Pass
				10	3.85	10.33	0.01	-2.5 to 2.5	Pass
				30	3.85	14.52	0.02	-2.5 to 2.5	Pass
				40	3.85	16.91	0.02	-2.5 to 2.5	Pass
				50	3.85	18.62	0.02	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-40.71	-0.05	-2.5 to 2.5	Pass
					3.85	-40.54	-0.05	-2.5 to 2.5	Pass
					4.43	-41.21	-0.05	-2.5 to 2.5	Pass

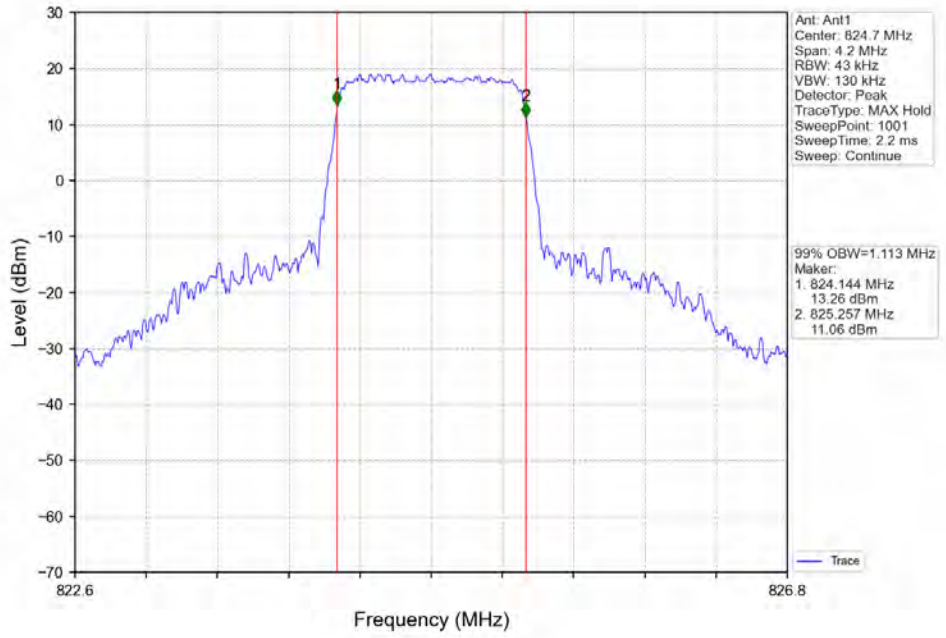
				-30	3.85	-41.33	-0.05	-2.5 to 2.5	Pass
				-20	3.85	-38.30	-0.05	-2.5 to 2.5	Pass
				-10	3.85	-35.52	-0.04	-2.5 to 2.5	Pass
				0	3.85	-30.67	-0.04	-2.5 to 2.5	Pass
				10	3.85	-27.07	-0.03	-2.5 to 2.5	Pass
				30	3.85	-24.42	-0.03	-2.5 to 2.5	Pass
				40	3.85	-20.39	-0.02	-2.5 to 2.5	Pass
				50	3.85	-18.10	-0.02	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.27	35.66	0.04	-2.5 to 2.5	Pass
					3.85	36.25	0.04	-2.5 to 2.5	Pass
					4.43	3.36	0.00	-2.5 to 2.5	Pass
				-30	3.85	10.51	0.01	-2.5 to 2.5	Pass
				-20	3.85	16.21	0.02	-2.5 to 2.5	Pass
				-10	3.85	23.25	0.03	-2.5 to 2.5	Pass
				0	3.85	28.60	0.03	-2.5 to 2.5	Pass
				10	3.85	35.72	0.04	-2.5 to 2.5	Pass
				30	3.85	42.04	0.05	-2.5 to 2.5	Pass
				40	3.85	15.39	0.02	-2.5 to 2.5	Pass
				50	3.85	6.61	0.01	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	23.09	0.03	-2.5 to 2.5	Pass
					3.85	24.33	0.03	-2.5 to 2.5	Pass
					4.43	28.87	0.03	-2.5 to 2.5	Pass
				-30	3.85	38.12	0.05	-2.5 to 2.5	Pass
				-20	3.85	45.53	0.05	-2.5 to 2.5	Pass
				-10	3.85	0.74	0.00	-2.5 to 2.5	Pass
				0	3.85	3.98	0.00	-2.5 to 2.5	Pass
				10	3.85	8.94	0.01	-2.5 to 2.5	Pass
				30	3.85	12.16	0.01	-2.5 to 2.5	Pass
				40	3.85	17.75	0.02	-2.5 to 2.5	Pass
				50	3.85	22.24	0.03	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-14.26	-0.02	-2.5 to 2.5	Pass
					3.85	-12.32	-0.01	-2.5 to 2.5	Pass
					4.43	-8.43	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.12	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-4.22	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.20	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
				10	3.85	3.75	0.00	-2.5 to 2.5	Pass
				30	3.85	0.33	0.00	-2.5 to 2.5	Pass
				40	3.85	2.39	0.00	-2.5 to 2.5	Pass
				50	3.85	2.07	0.00	-2.5 to 2.5	Pass

99% & 26dB Bandwidth 99%_OBW Test Result

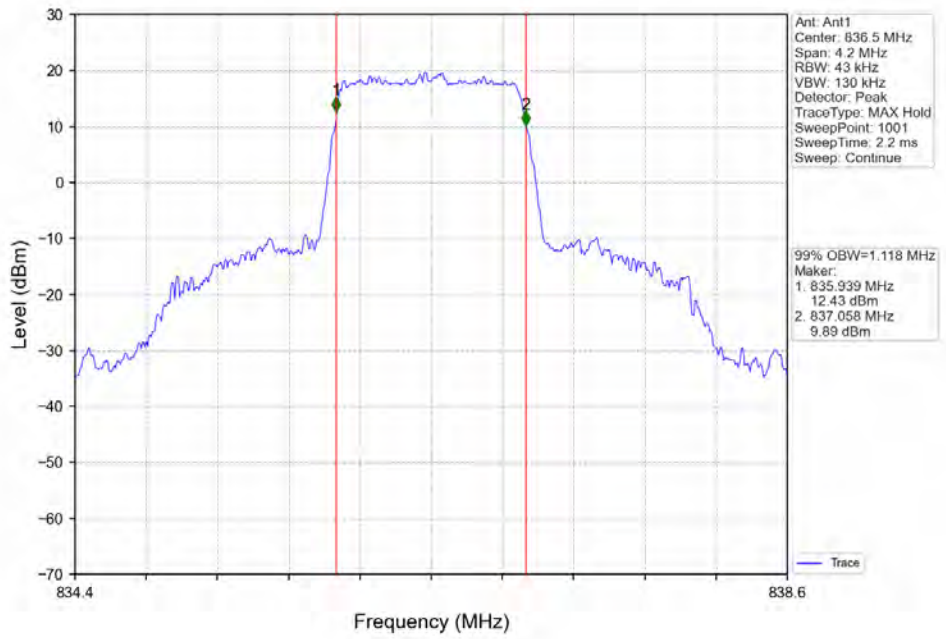
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.113	Pass
		836.5	6	0	1.118	Pass
		848.3	6	0	1.111	Pass
	16QAM	824.7	6	0	1.104	Pass
		836.5	6	0	1.119	Pass
		848.3	6	0	1.119	Pass
	64QAM	824.7	6	0	1.112	Pass
		836.5	6	0	1.111	Pass
		848.3	6	0	1.110	Pass
3	QPSK	825.5	15	0	2.773	Pass
		836.5	15	0	2.757	Pass
		847.5	15	0	2.752	Pass
	16QAM	825.5	15	0	2.761	Pass
		836.5	15	0	2.768	Pass
		847.5	15	0	2.752	Pass
	64QAM	825.5	15	0	2.768	Pass
		836.5	15	0	2.773	Pass
		847.5	15	0	2.735	Pass
5	QPSK	826.5	25	0	4.565	Pass
		836.5	25	0	4.578	Pass
		846.5	25	0	4.548	Pass
	16QAM	826.5	25	0	4.562	Pass
		836.5	25	0	4.568	Pass
		846.5	25	0	4.561	Pass
	64QAM	826.5	25	0	4.558	Pass
		836.5	25	0	4.545	Pass
		846.5	25	0	4.547	Pass
10	QPSK	829	50	0	9.073	Pass
		836.5	50	0	9.078	Pass
		844	50	0	9.101	Pass
	16QAM	829	50	0	9.068	Pass
		836.5	50	0	9.047	Pass
		844	50	0	9.076	Pass
	64QAM	829	50	0	9.068	Pass
		836.5	50	0	9.067	Pass
		844	50	0	9.071	Pass

Test Graph

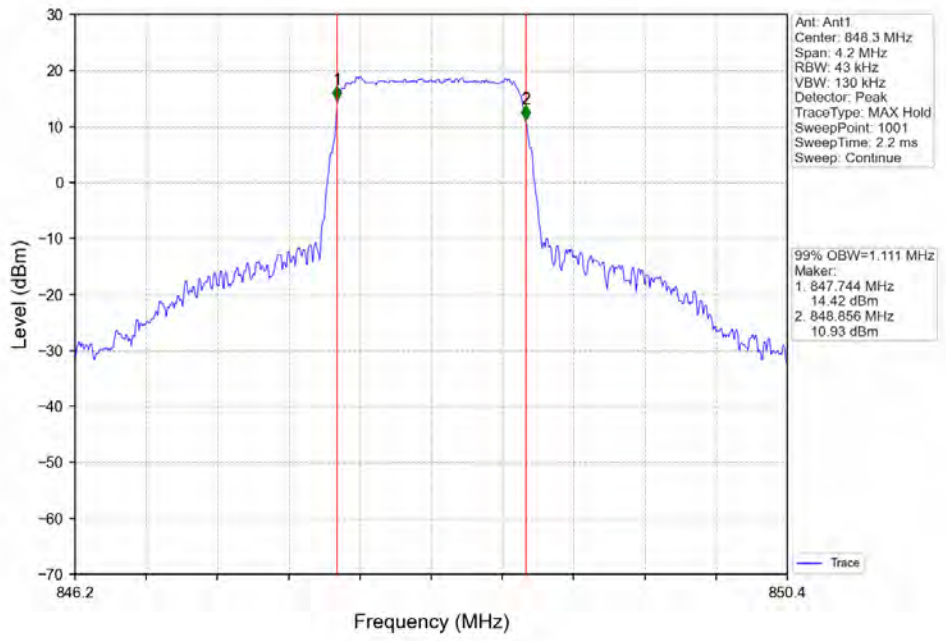
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



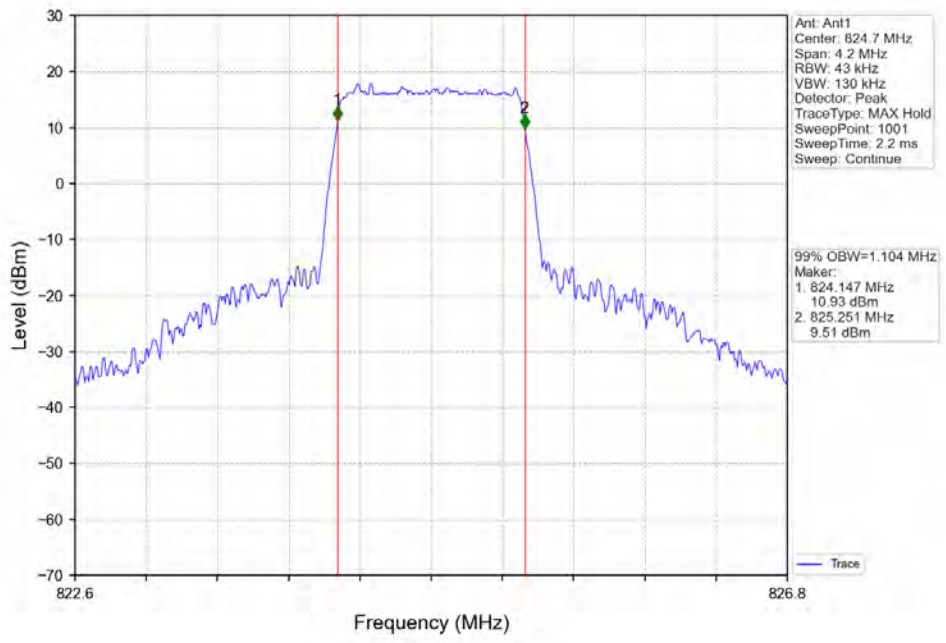
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



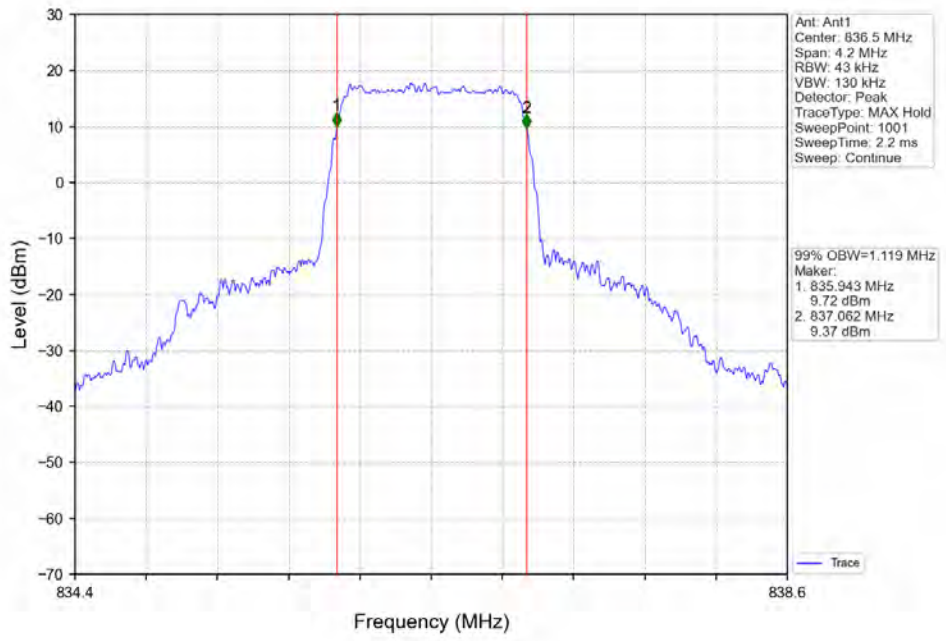
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



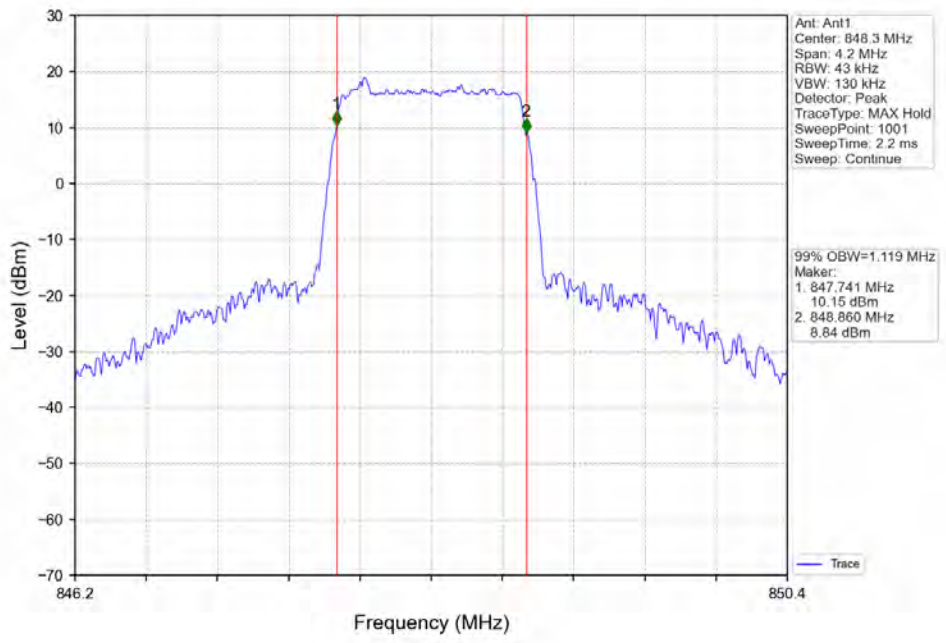
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



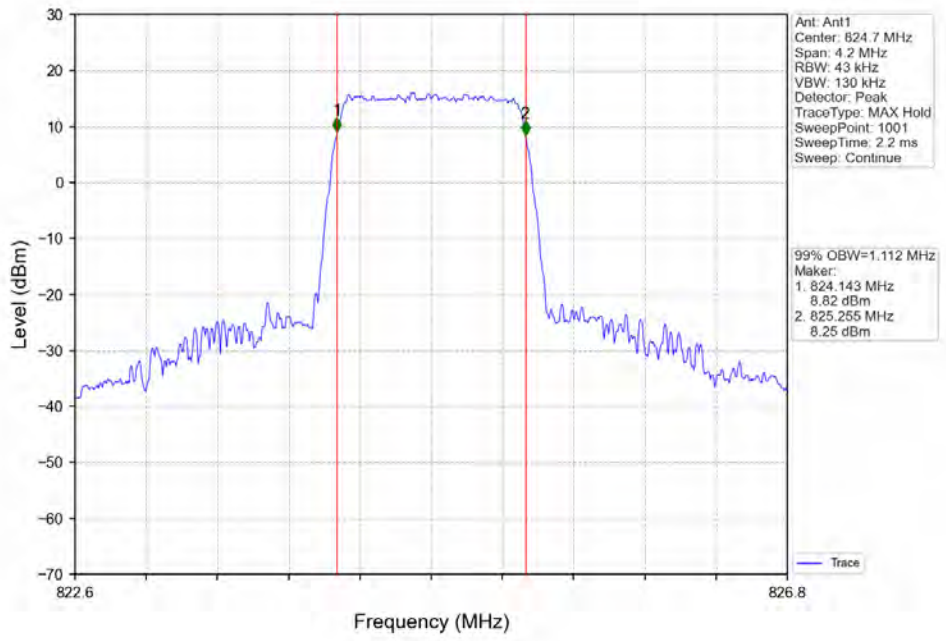
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



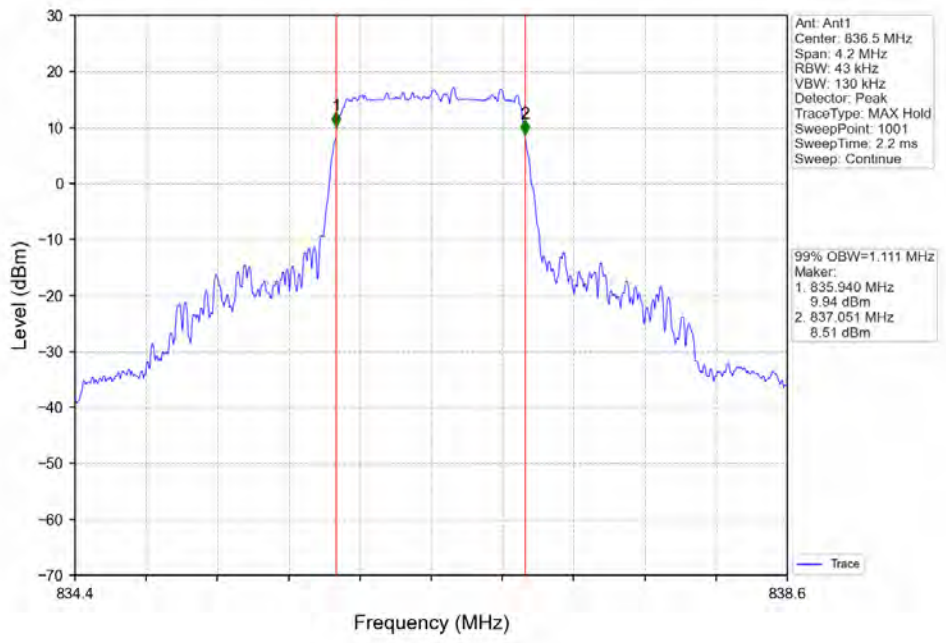
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



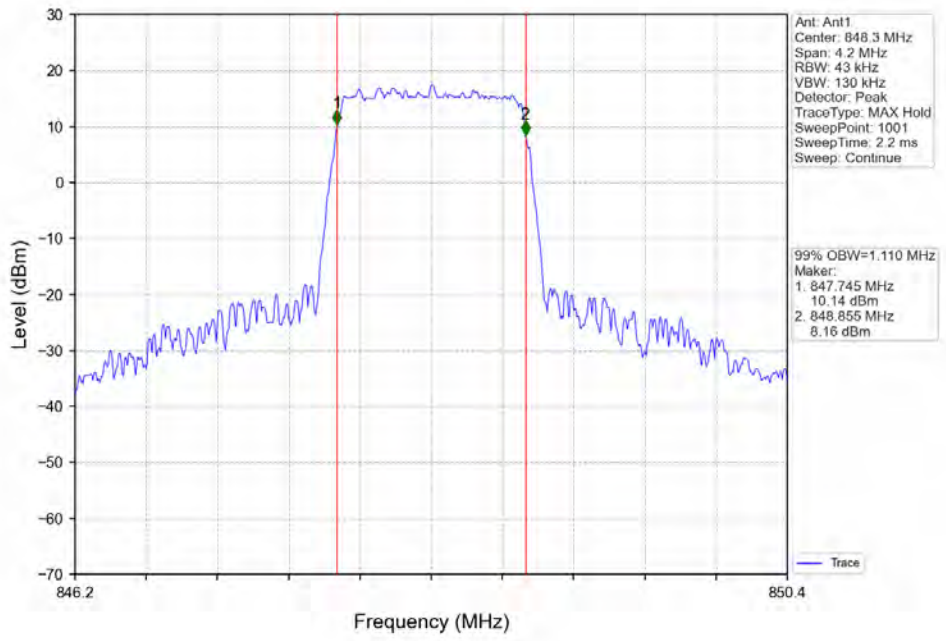
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



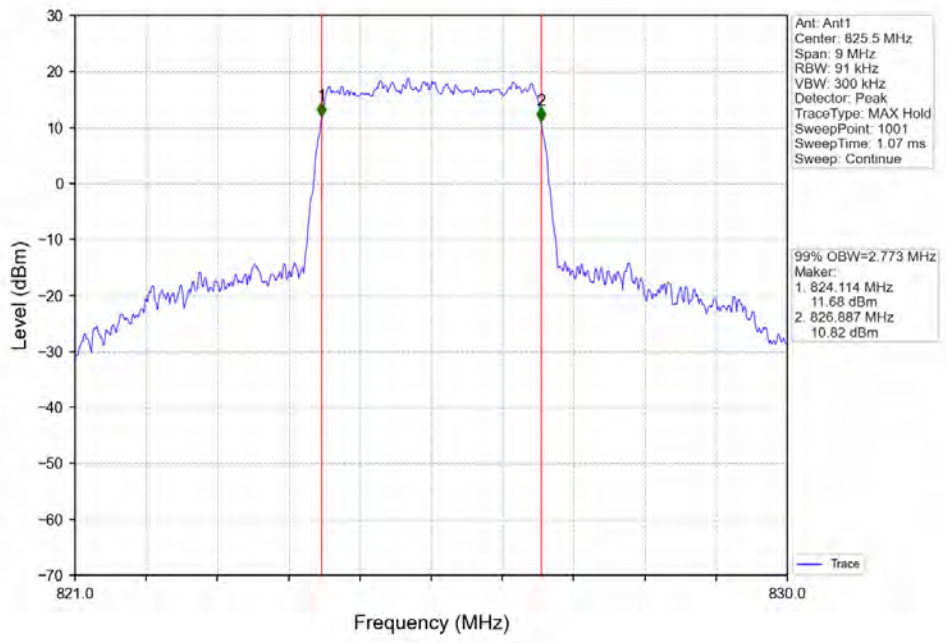
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



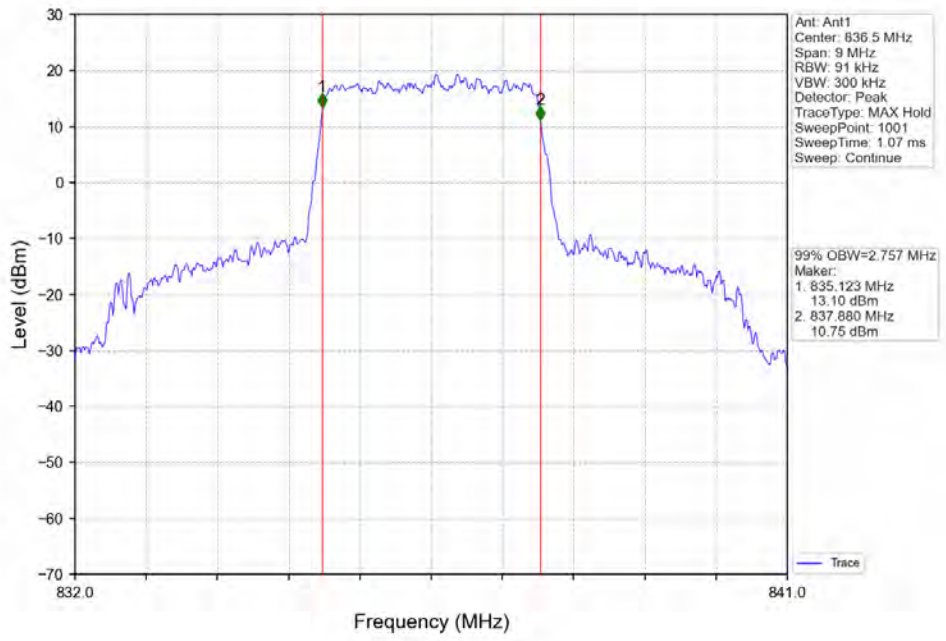
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



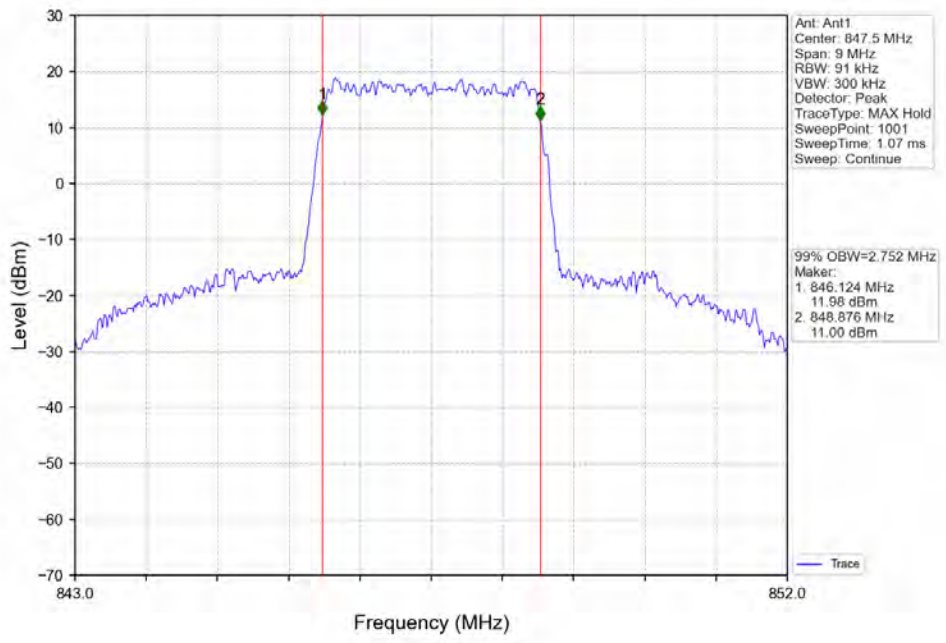
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



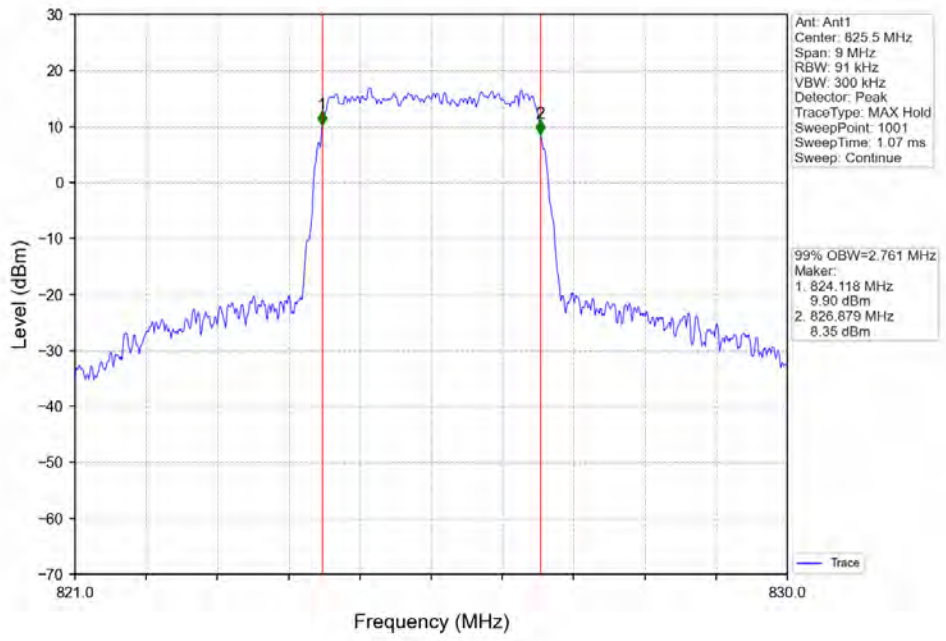
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



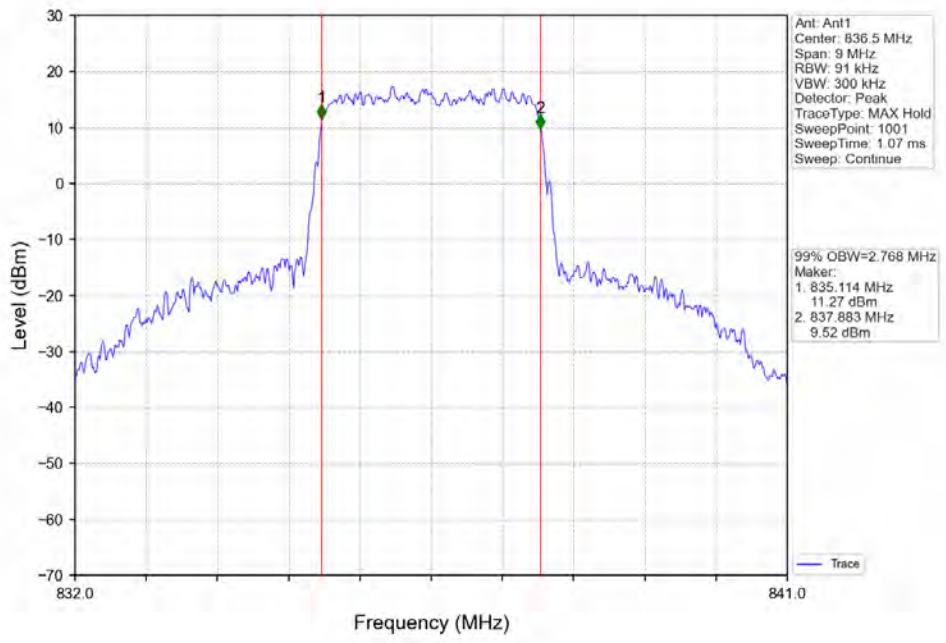
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



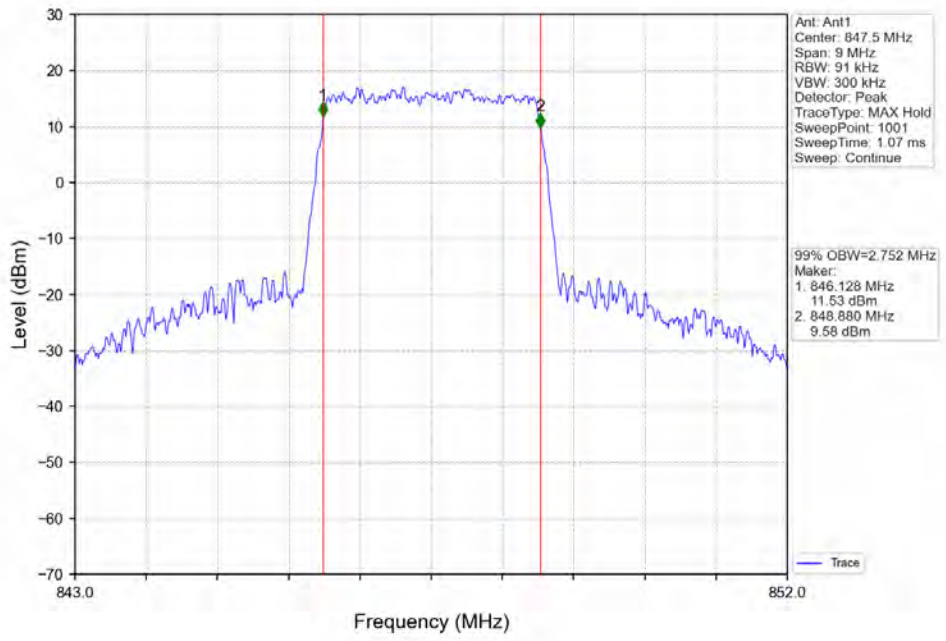
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



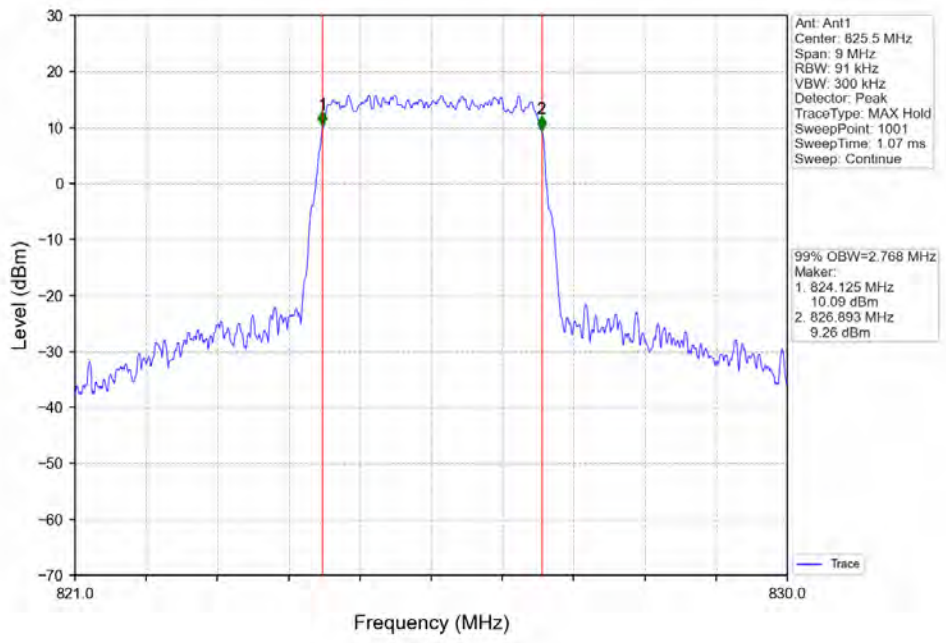
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



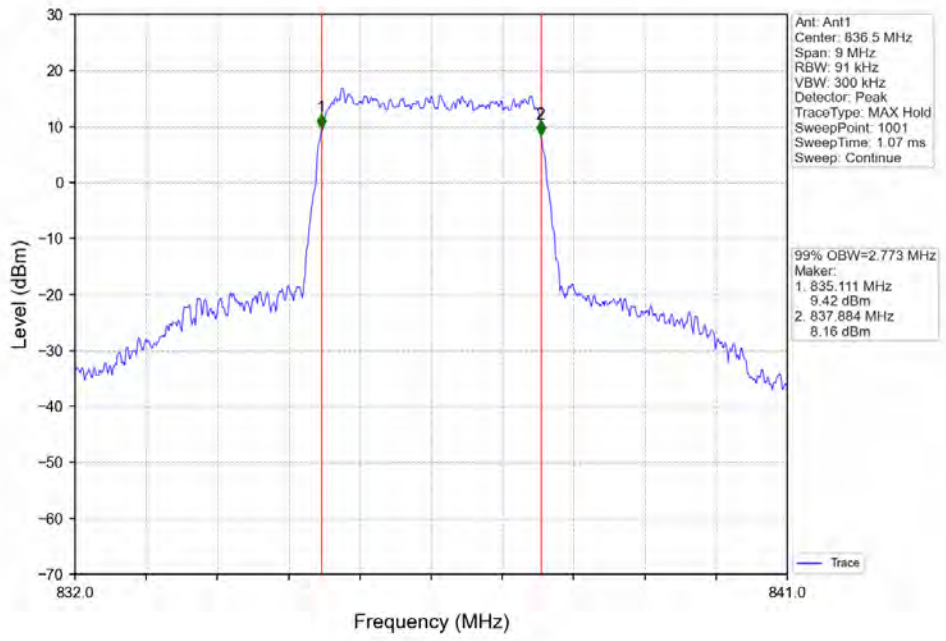
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



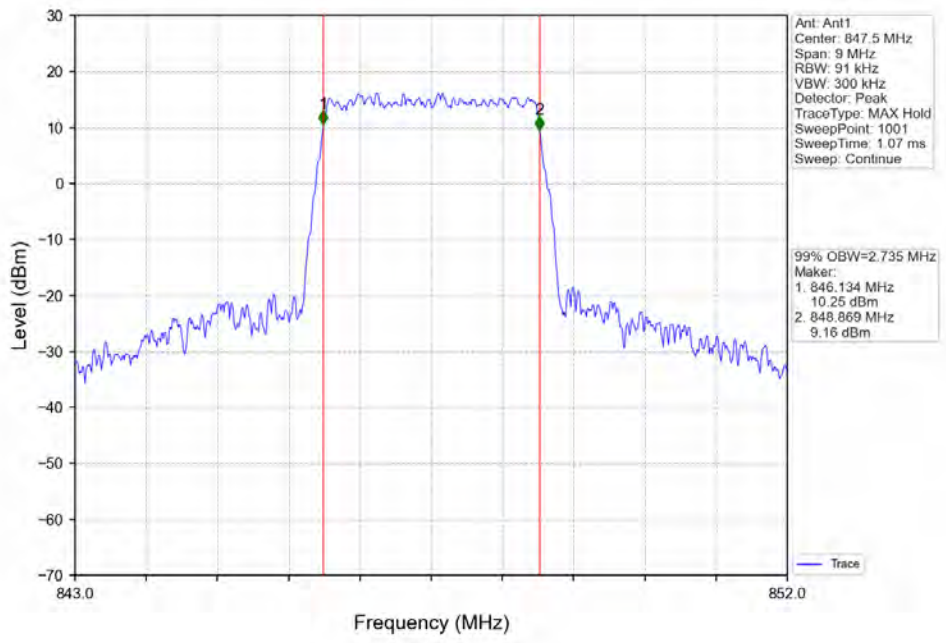
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



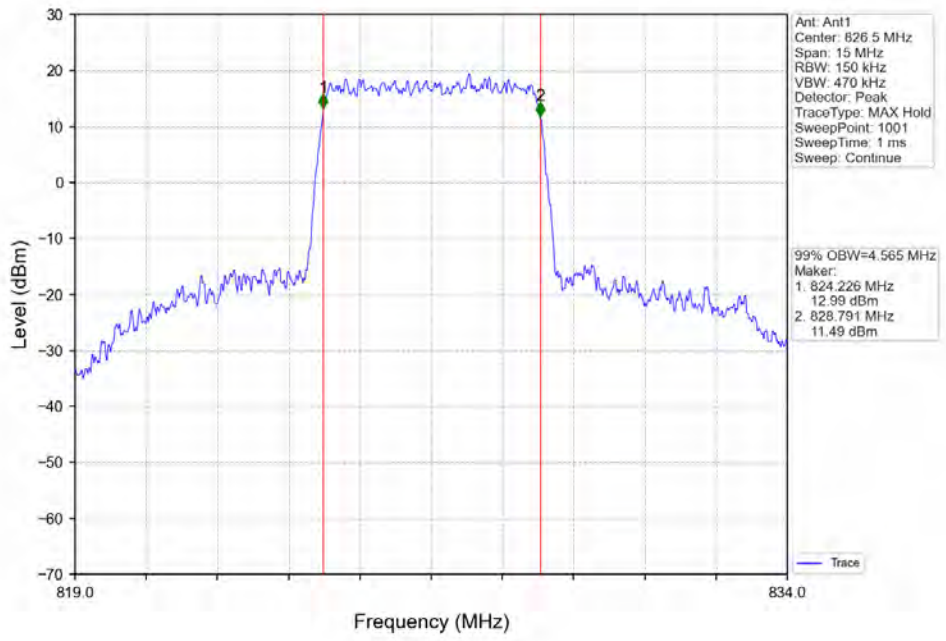
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



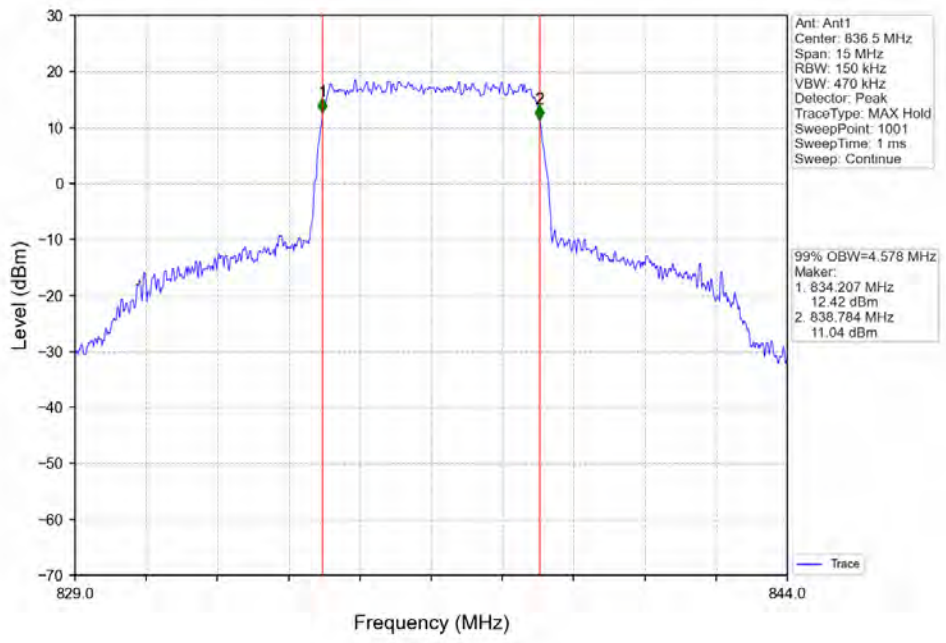
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



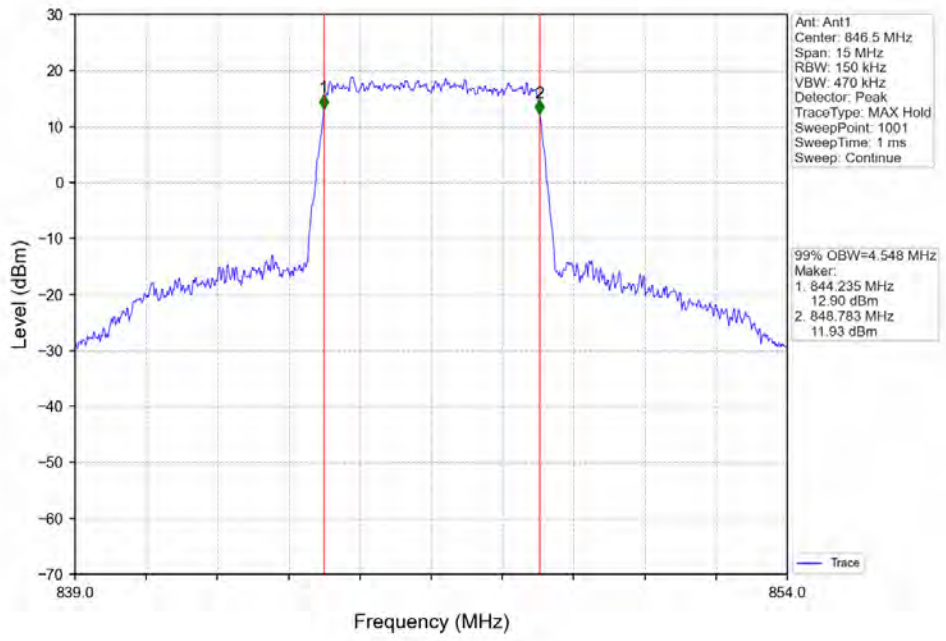
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



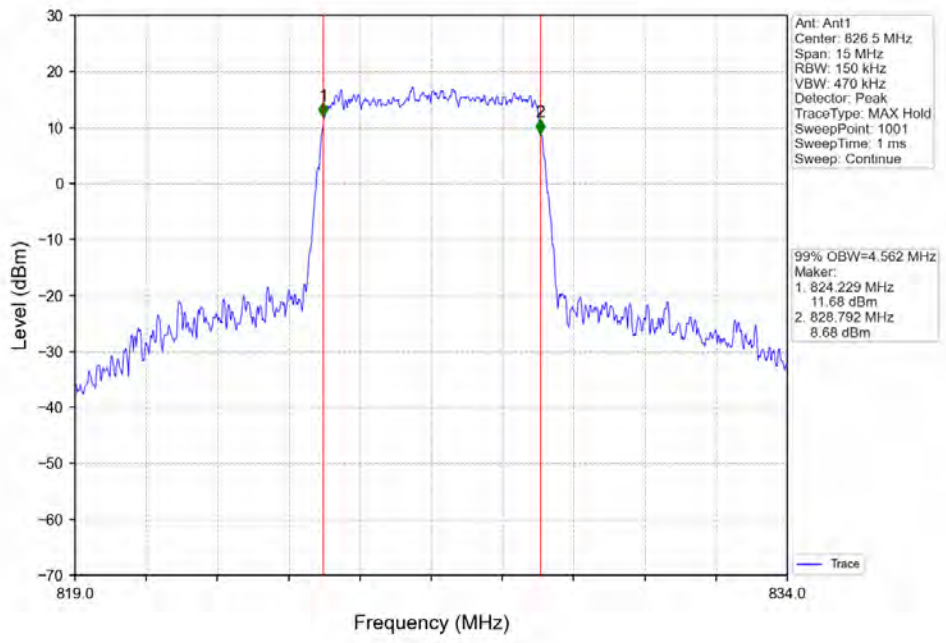
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



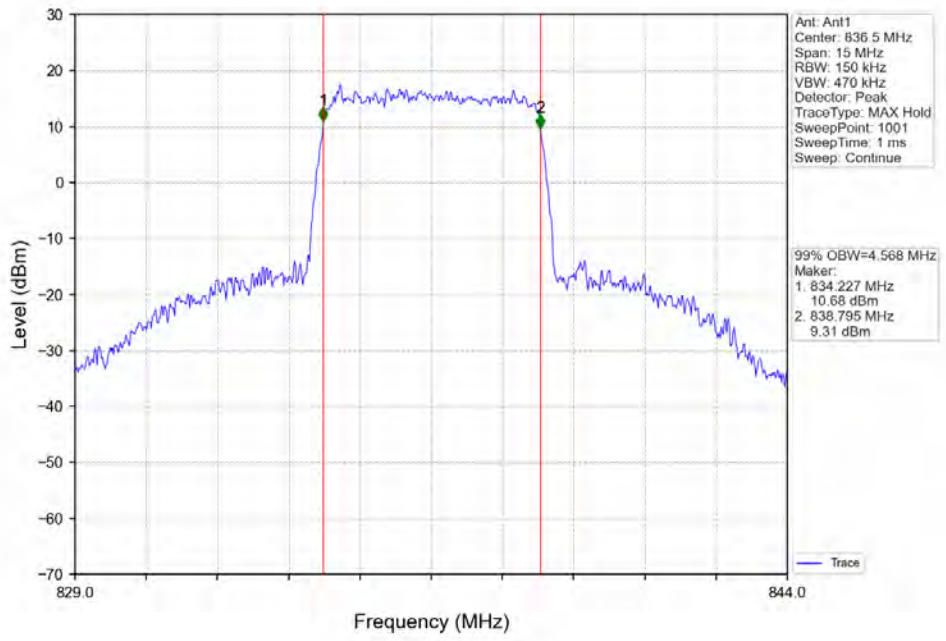
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



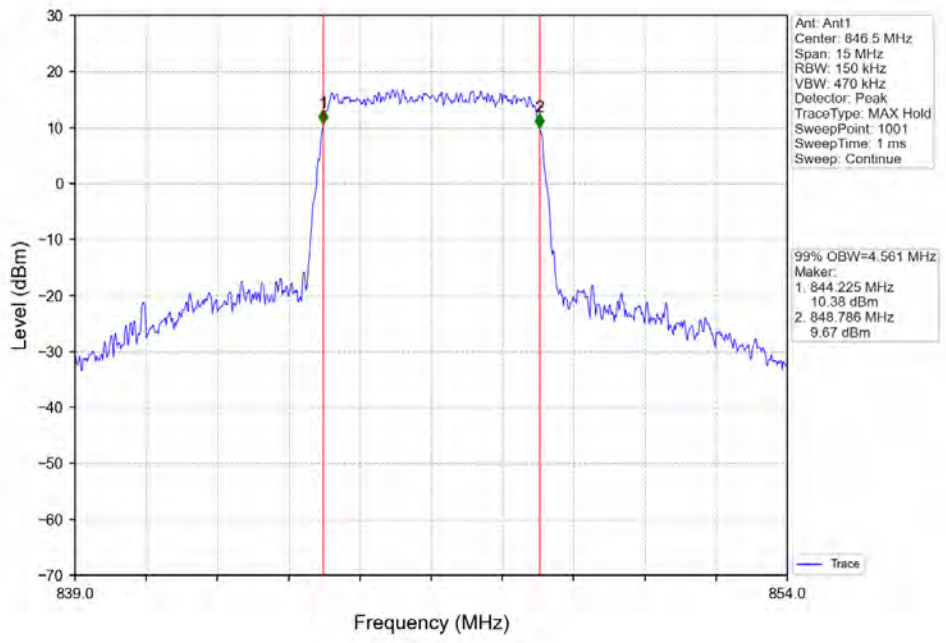
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



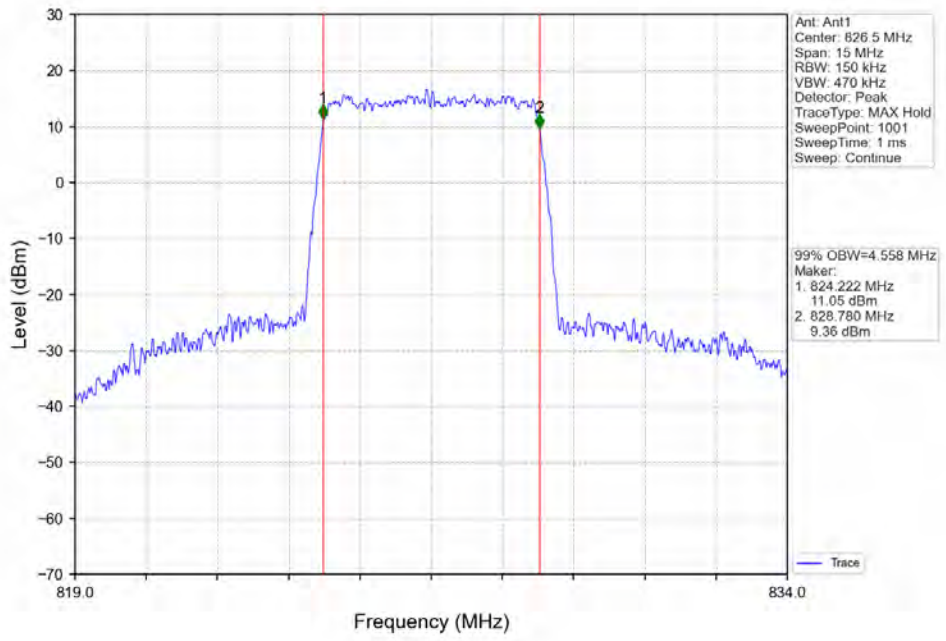
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



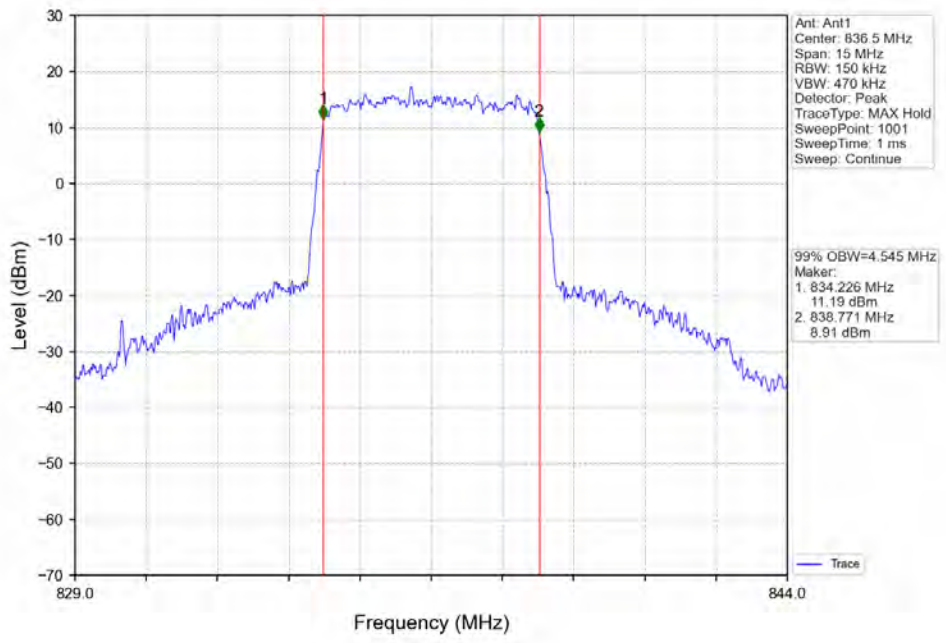
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



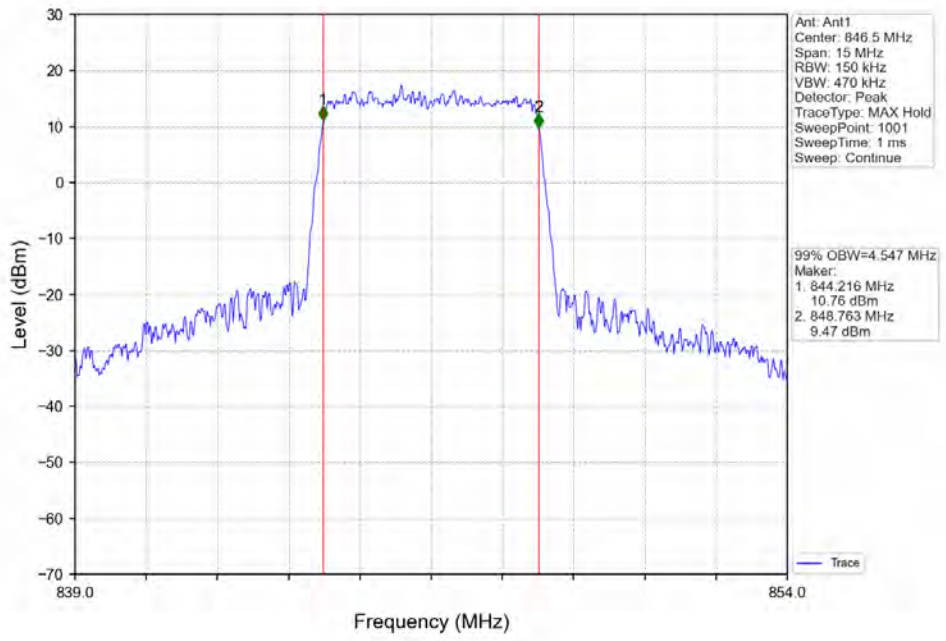
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



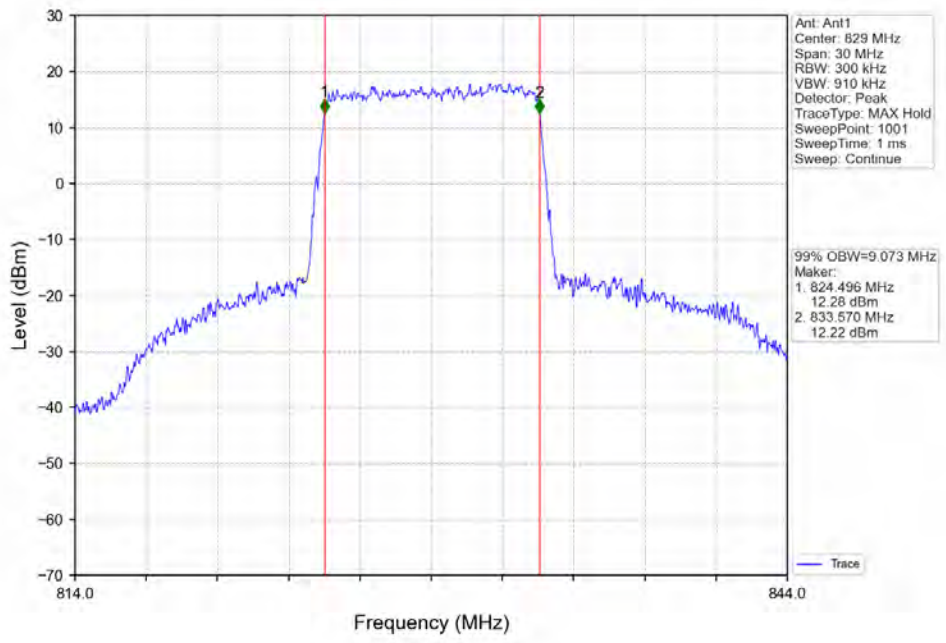
Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



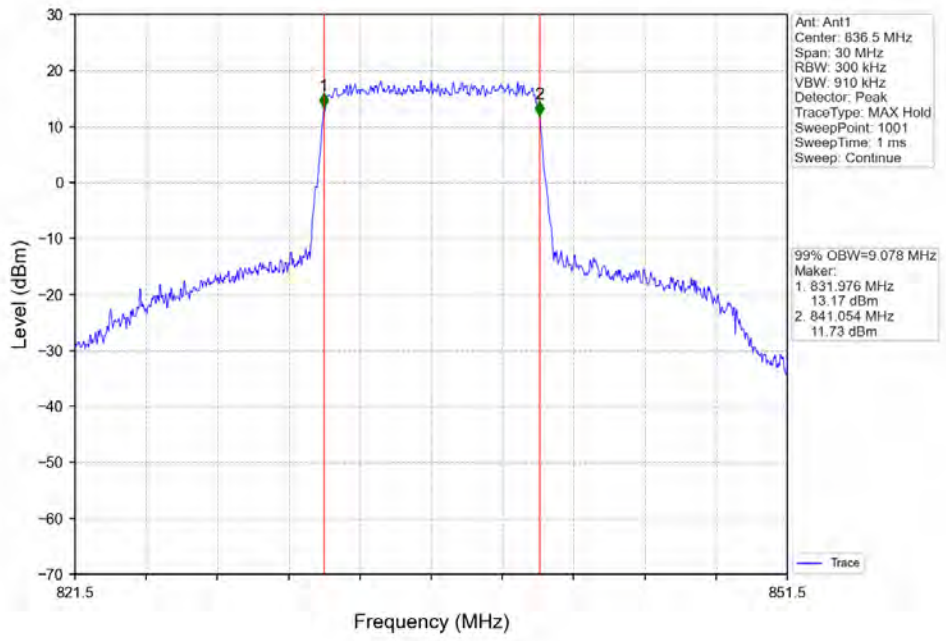
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



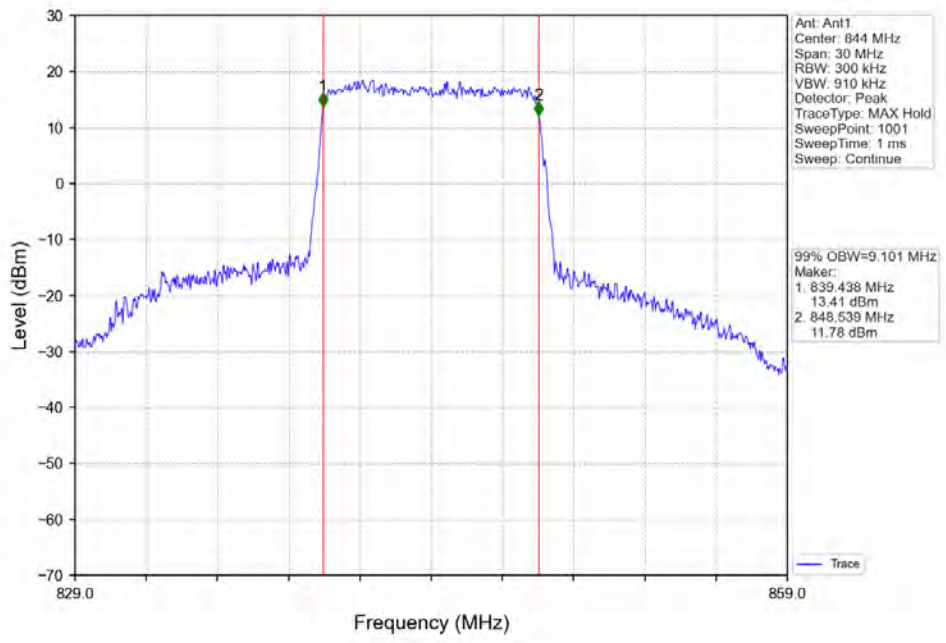
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



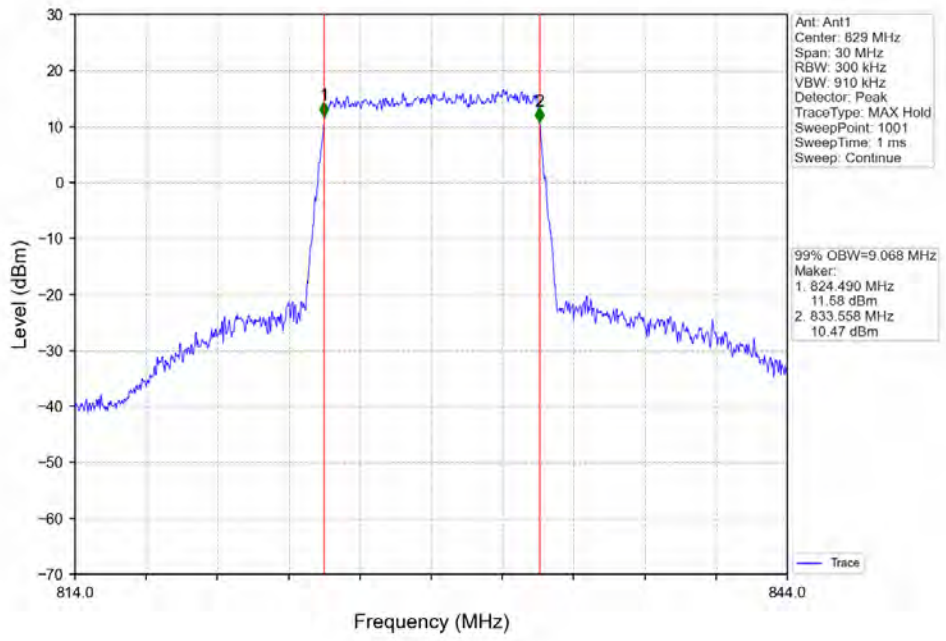
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



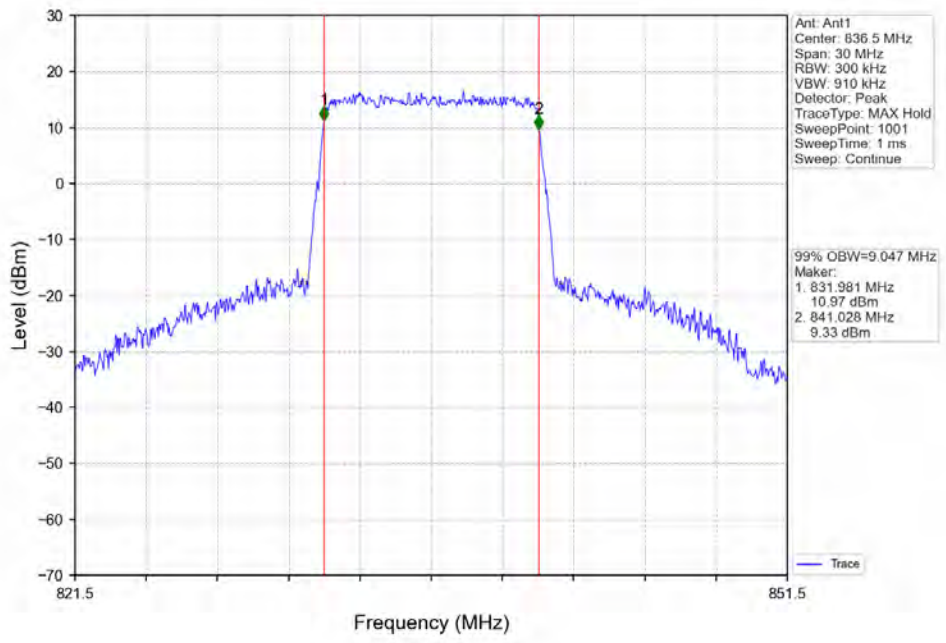
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



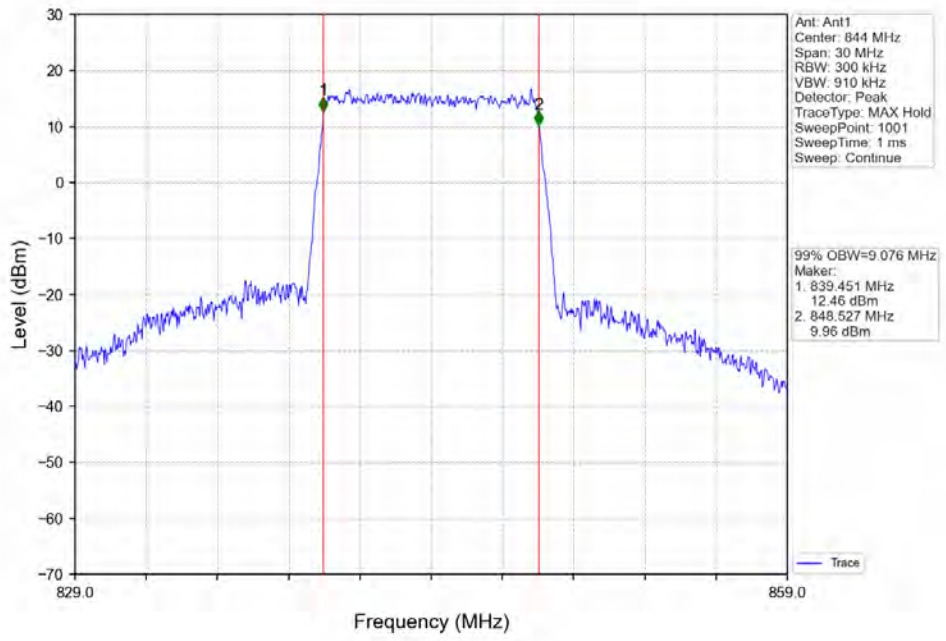
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



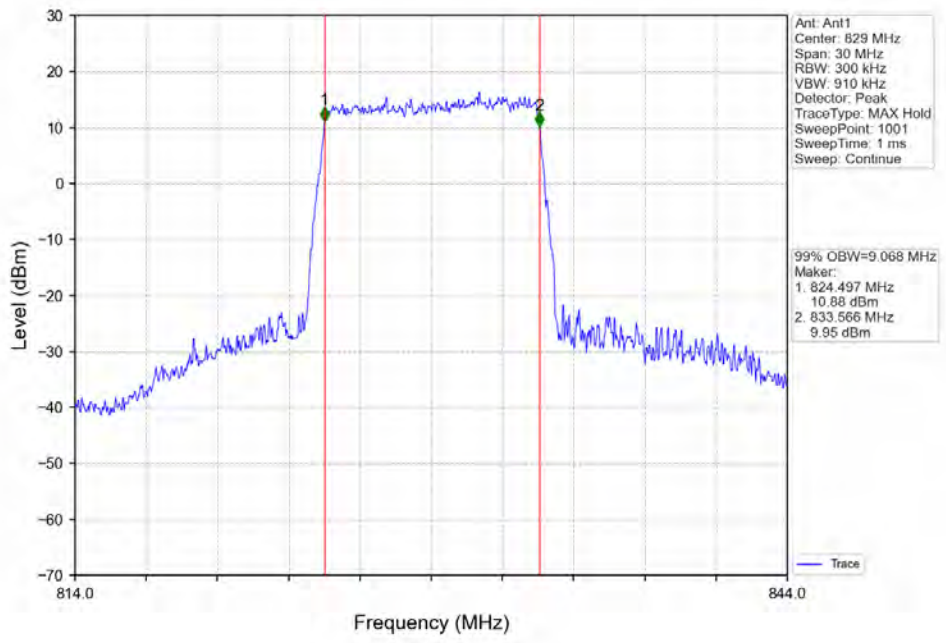
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



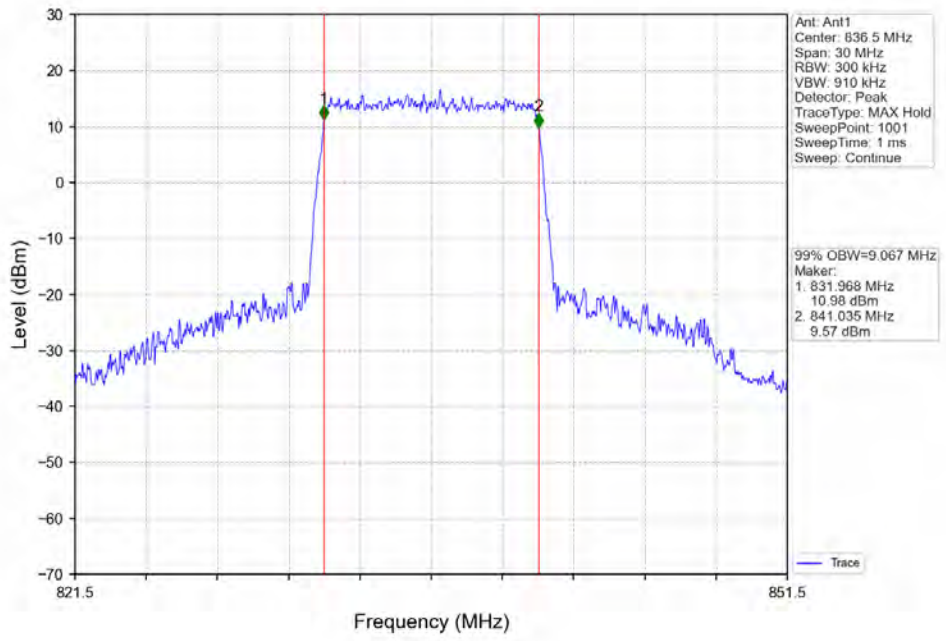
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



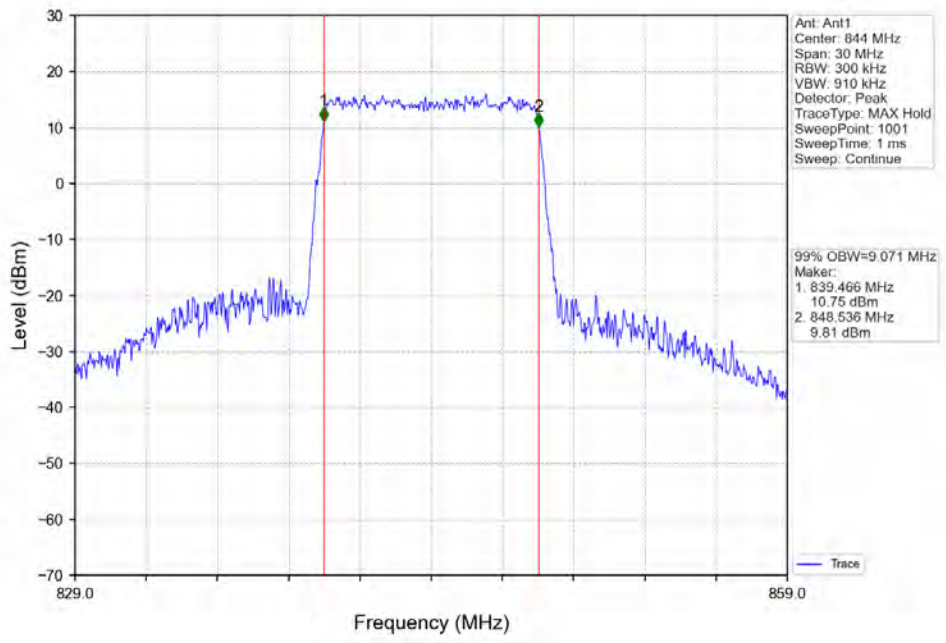
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV

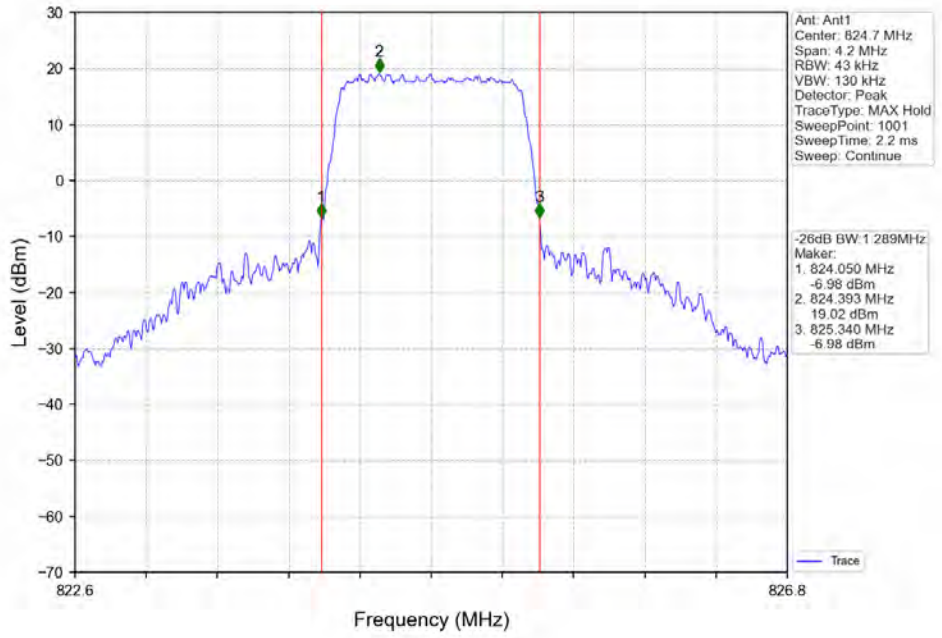


26DB_OBW Test Result

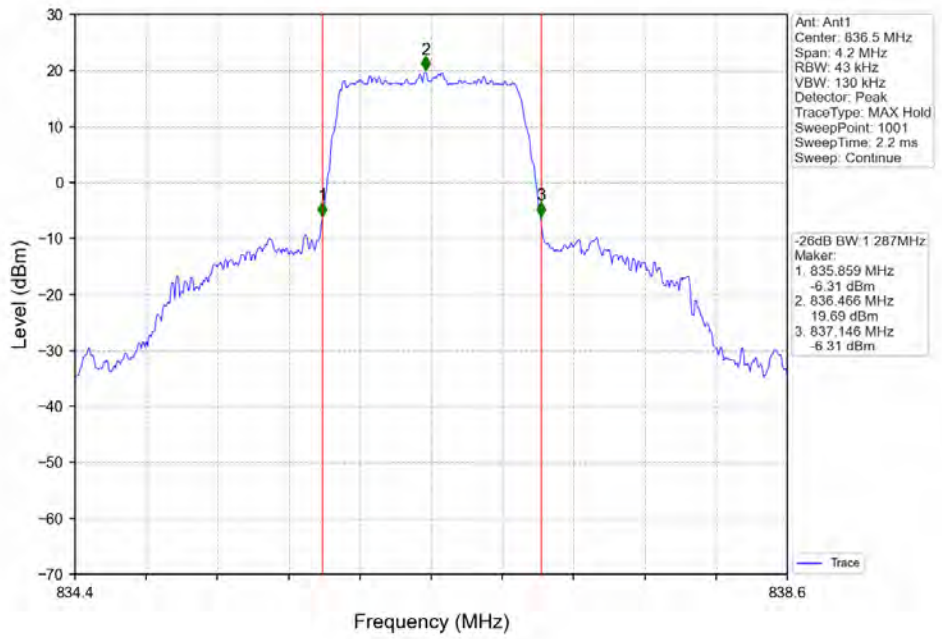
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.289	Pass
		836.5	6	0	1.287	Pass
		848.3	6	0	1.276	Pass
	16QAM	824.7	6	0	1.262	Pass
		836.5	6	0	1.278	Pass
		848.3	6	0	1.272	Pass
	64QAM	824.7	6	0	1.272	Pass
		836.5	6	0	1.269	Pass
		848.3	6	0	1.261	Pass
3	QPSK	825.5	15	0	3.096	Pass
		836.5	15	0	3.125	Pass
		847.5	15	0	3.098	Pass
	16QAM	825.5	15	0	3.088	Pass
		836.5	15	0	3.099	Pass
		847.5	15	0	3.093	Pass
	64QAM	825.5	15	0	3.113	Pass
		836.5	15	0	3.104	Pass
		847.5	15	0	3.112	Pass
5	QPSK	826.5	25	0	5.045	Pass
		836.5	25	0	5.054	Pass
		846.5	25	0	5.072	Pass
	16QAM	826.5	25	0	5.047	Pass
		836.5	25	0	5.080	Pass
		846.5	25	0	5.058	Pass
	64QAM	826.5	25	0	5.082	Pass
		836.5	25	0	5.051	Pass
		846.5	25	0	5.042	Pass
10	QPSK	829	50	0	10.067	Pass
		836.5	50	0	10.076	Pass
		844	50	0	10.082	Pass
	16QAM	829	50	0	10.060	Pass
		836.5	50	0	10.100	Pass
		844	50	0	10.046	Pass
	64QAM	829	50	0	10.018	Pass
		836.5	50	0	9.978	Pass
		844	50	0	10.035	Pass

Test Graph

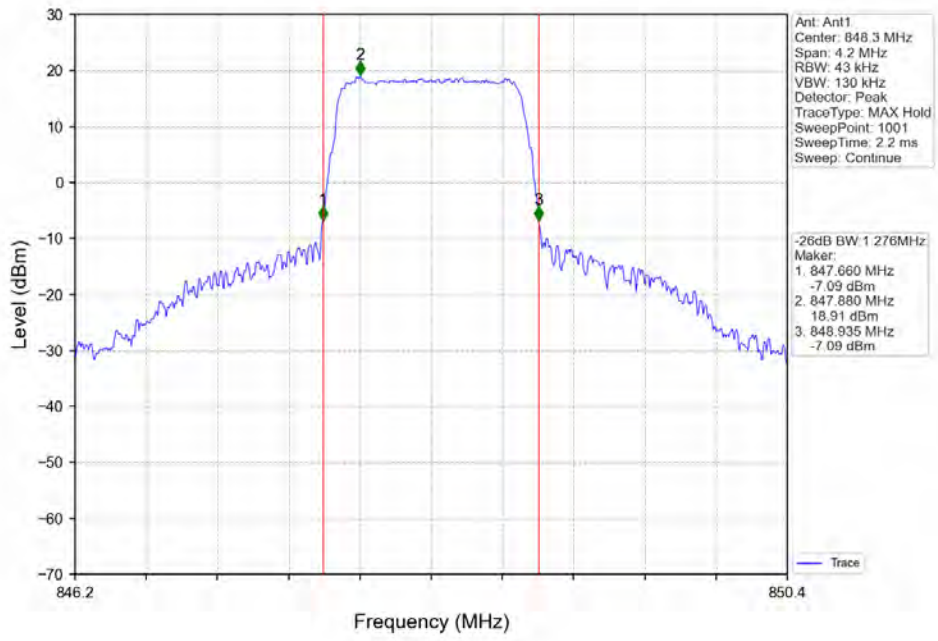
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



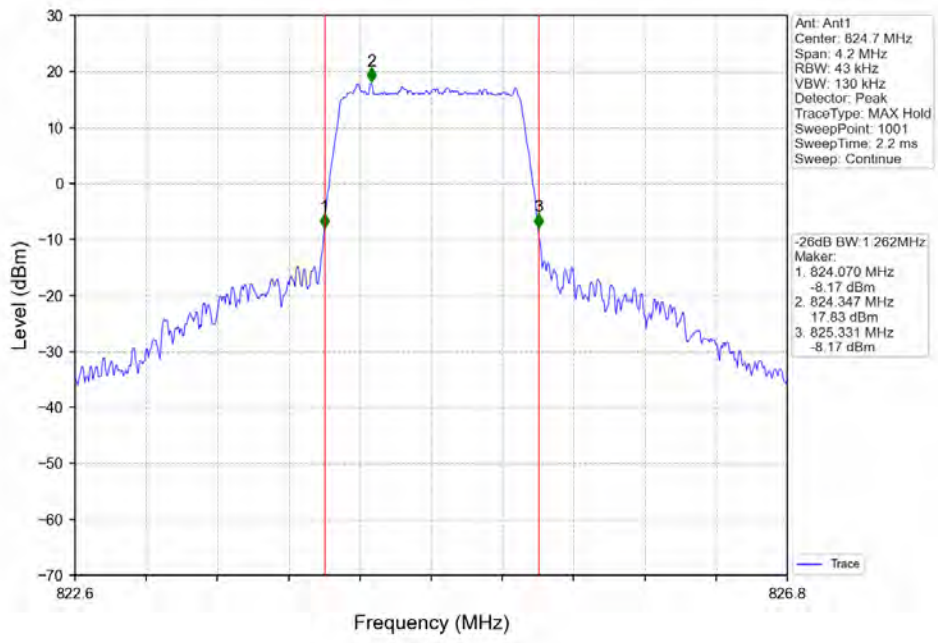
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



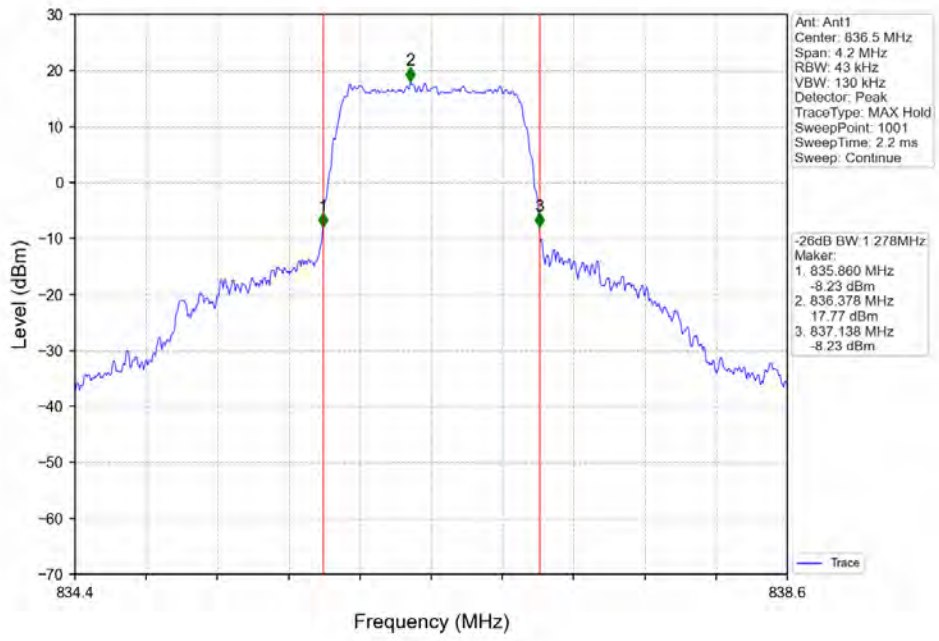
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



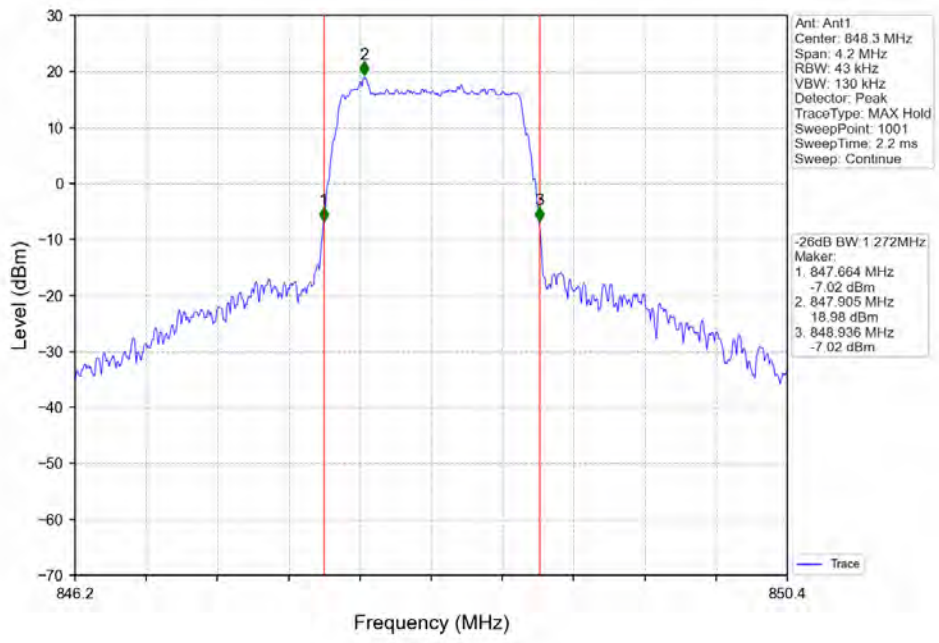
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



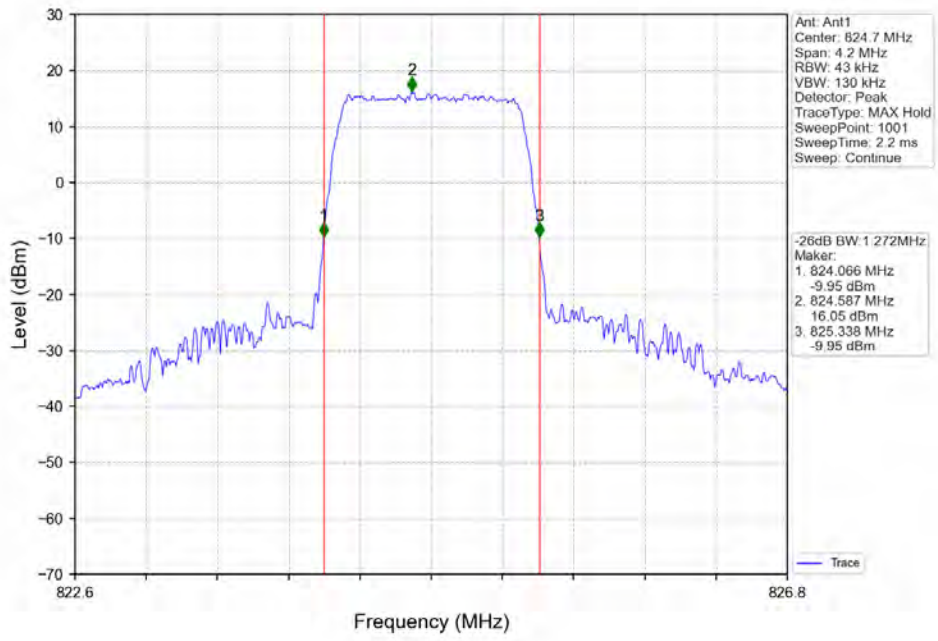
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



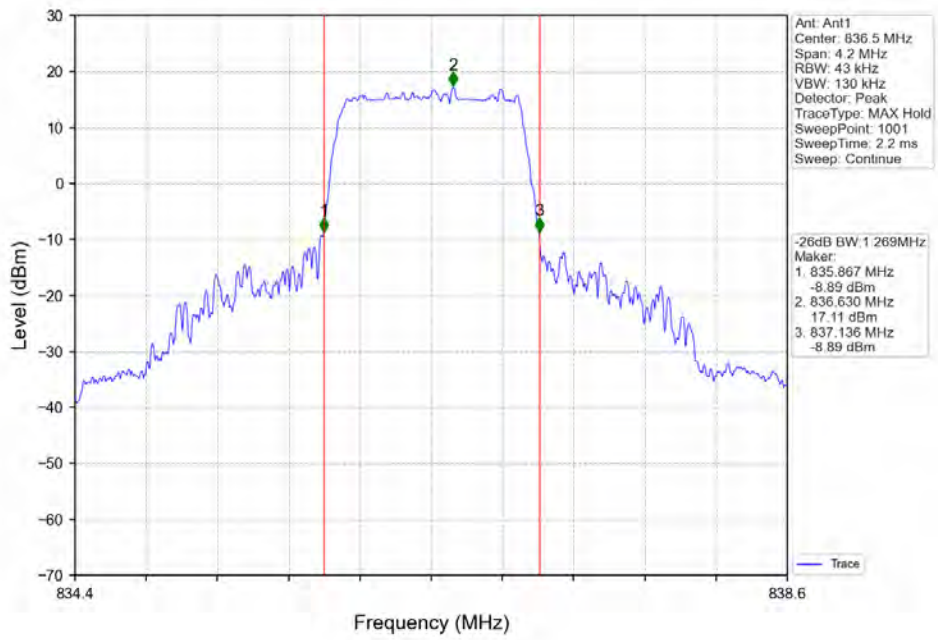
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



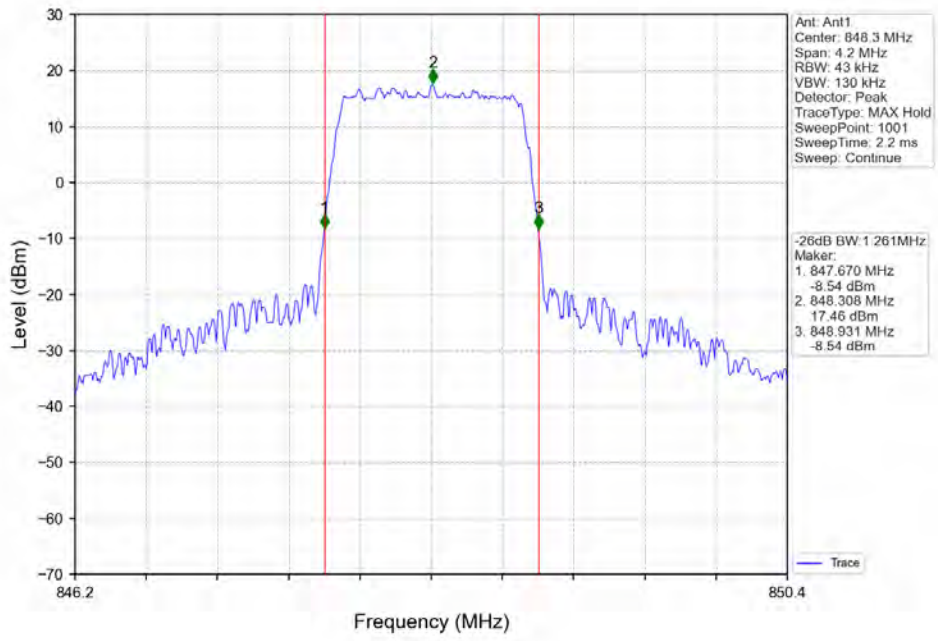
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



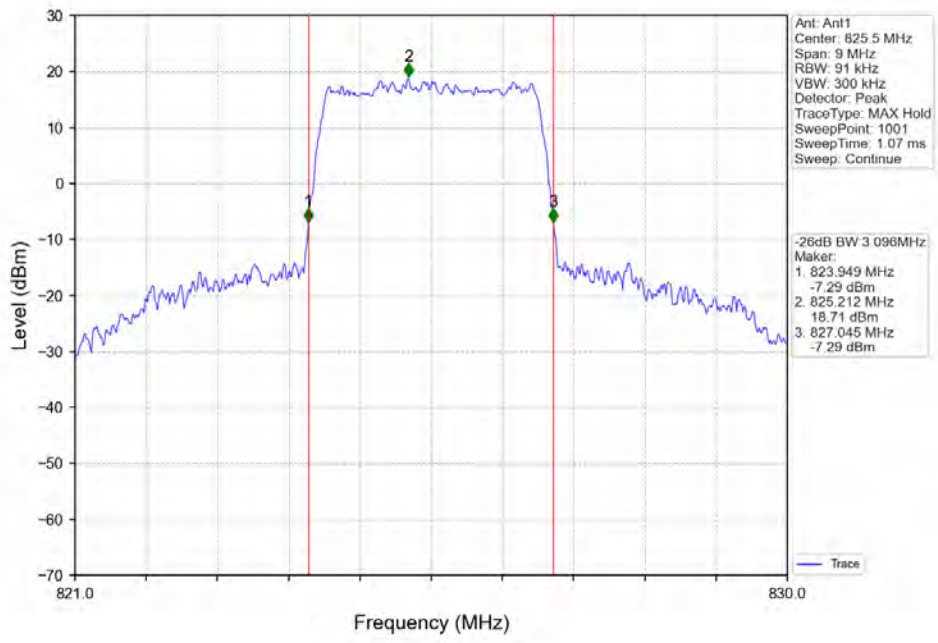
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



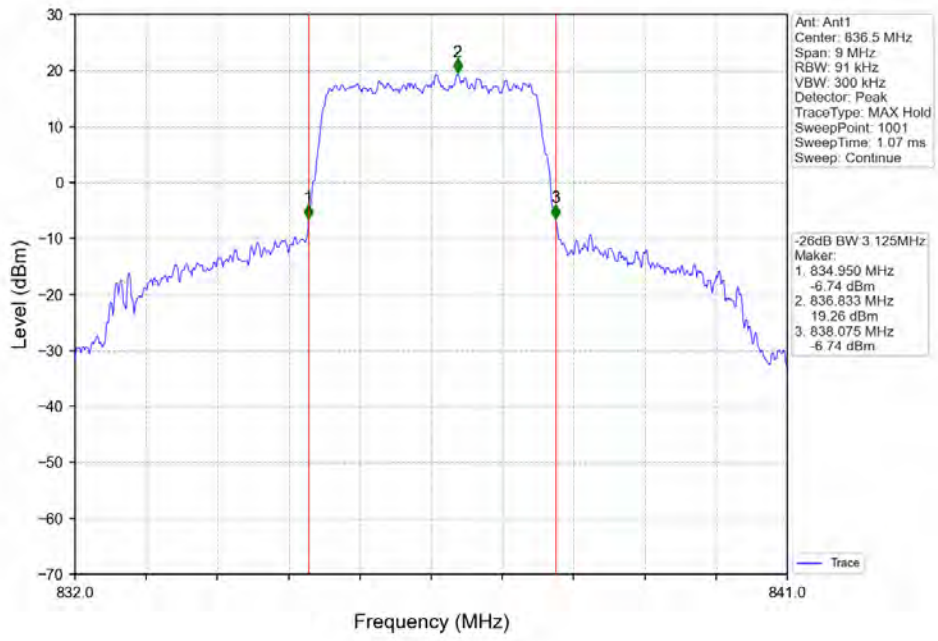
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



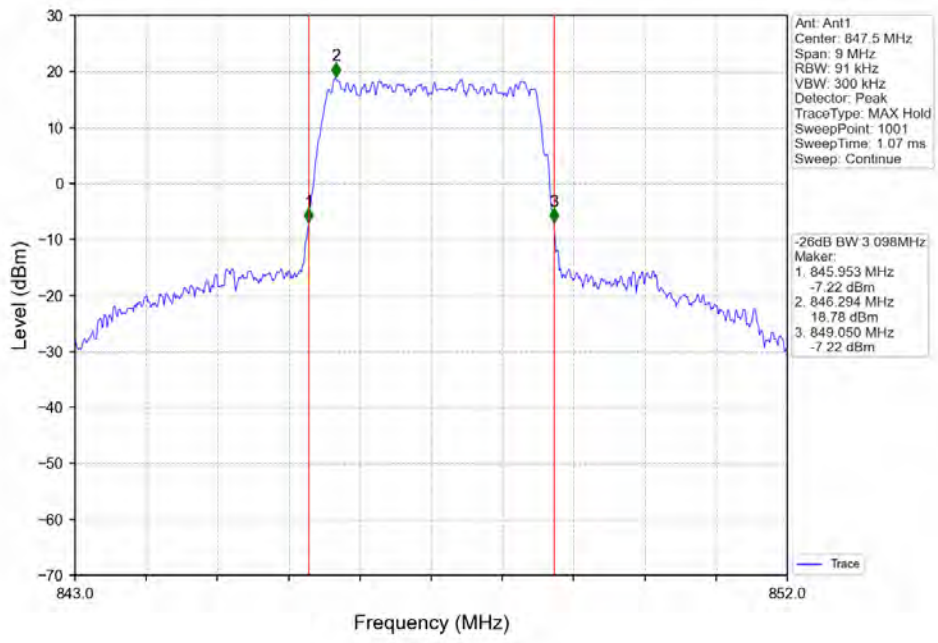
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



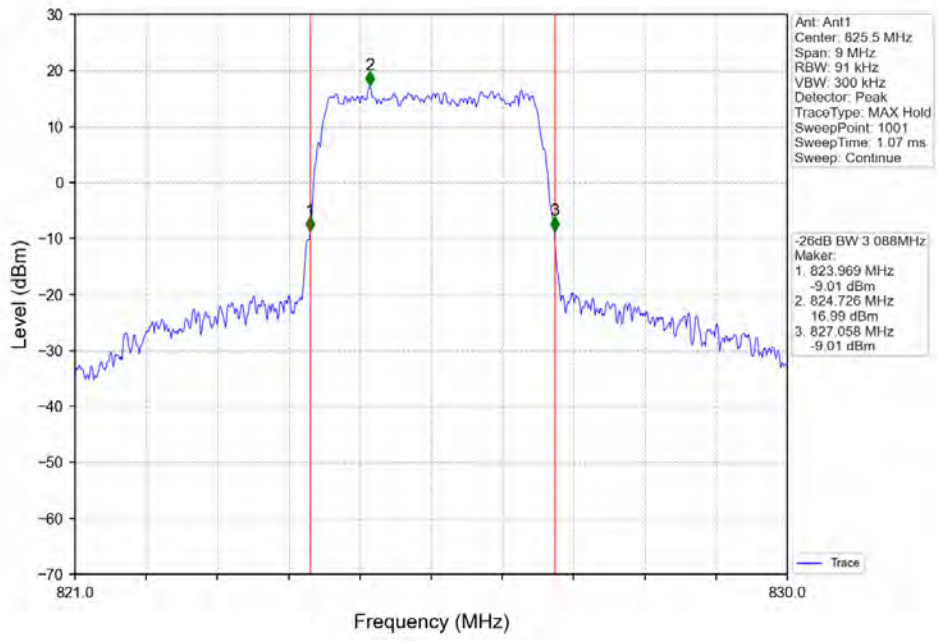
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



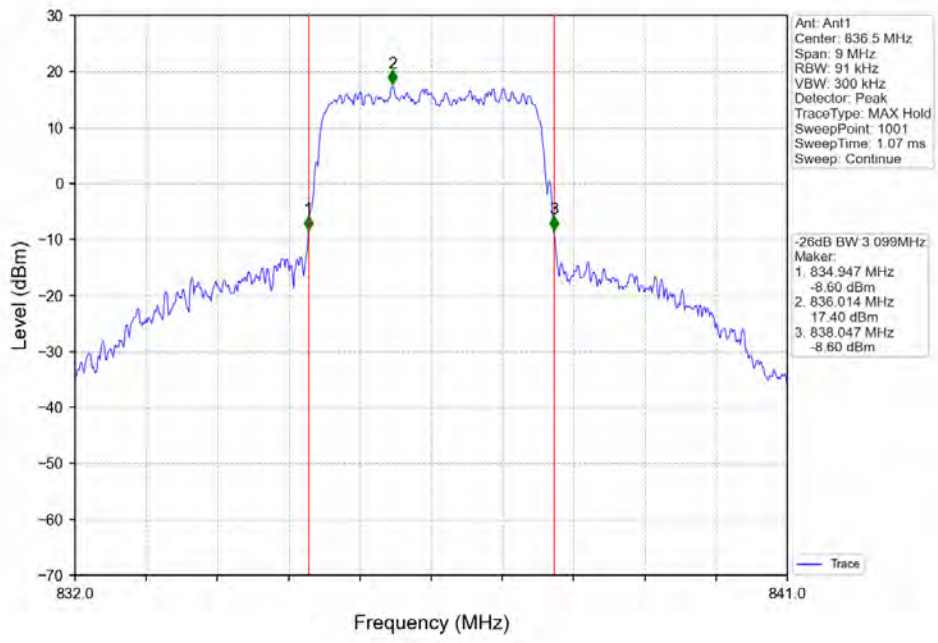
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



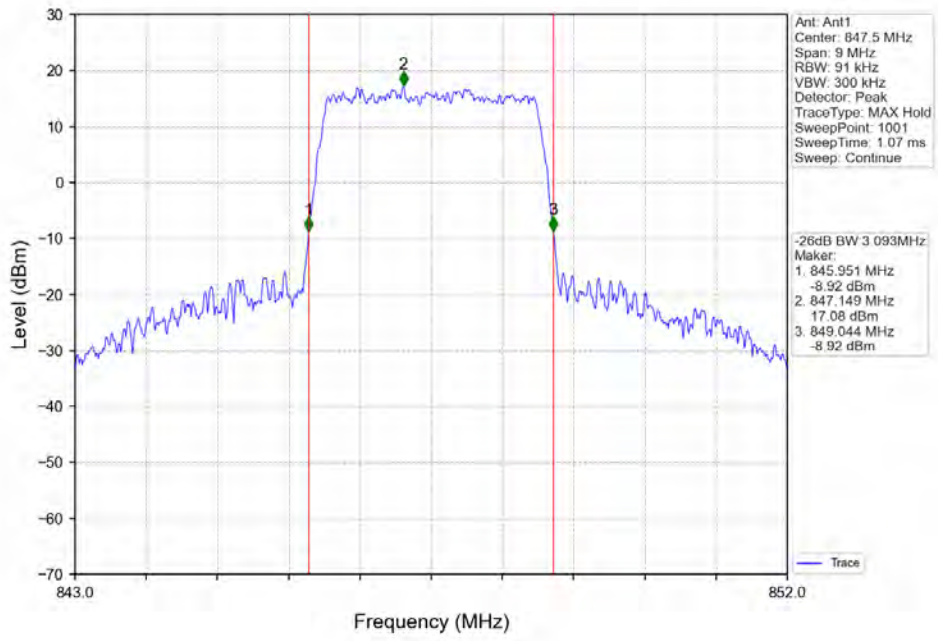
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



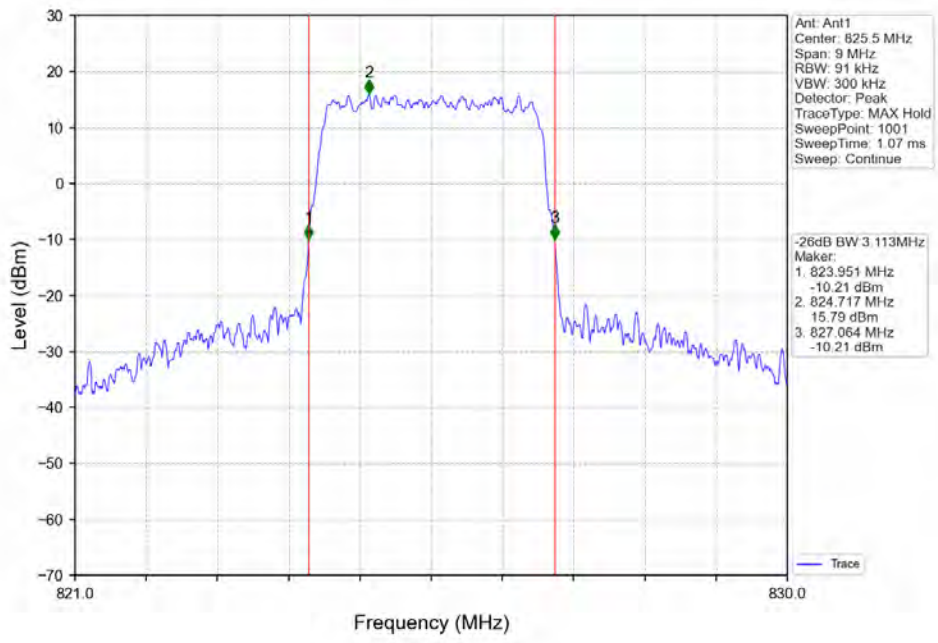
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



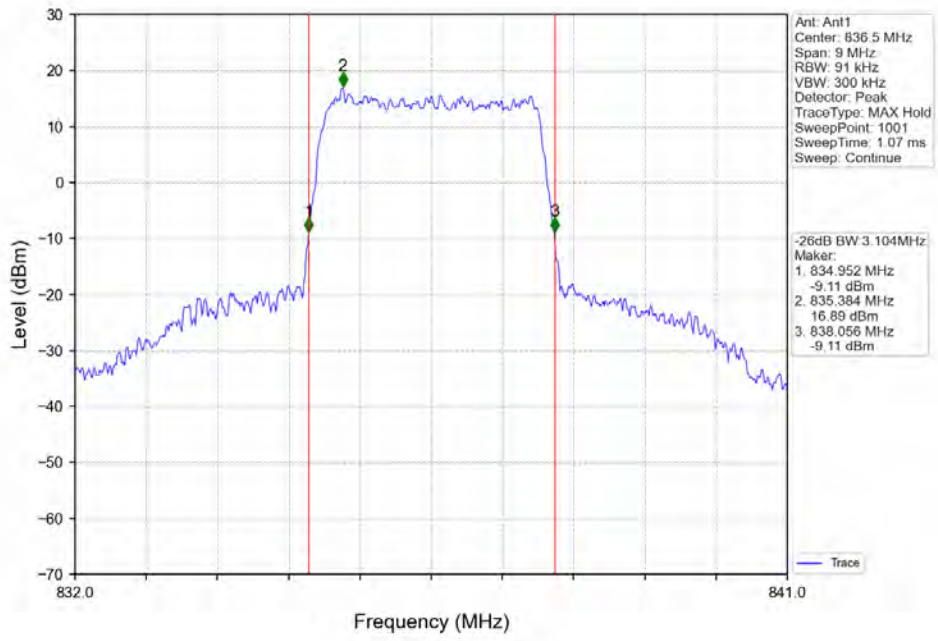
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



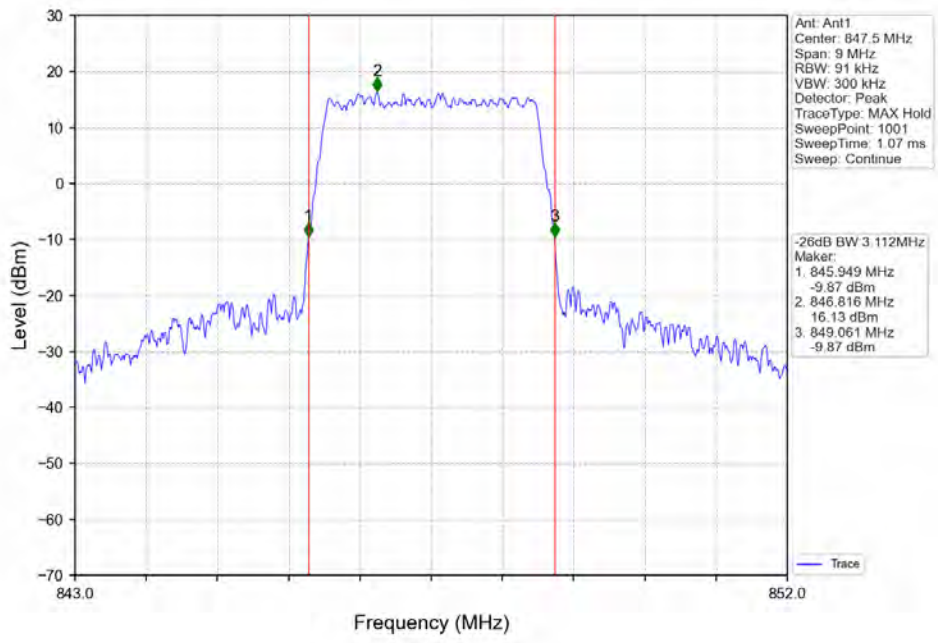
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



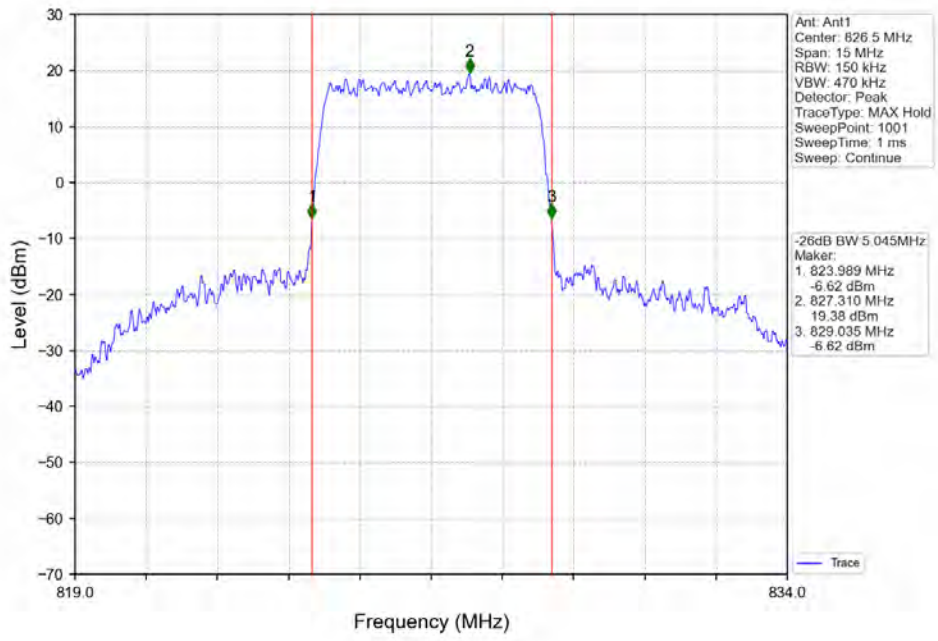
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



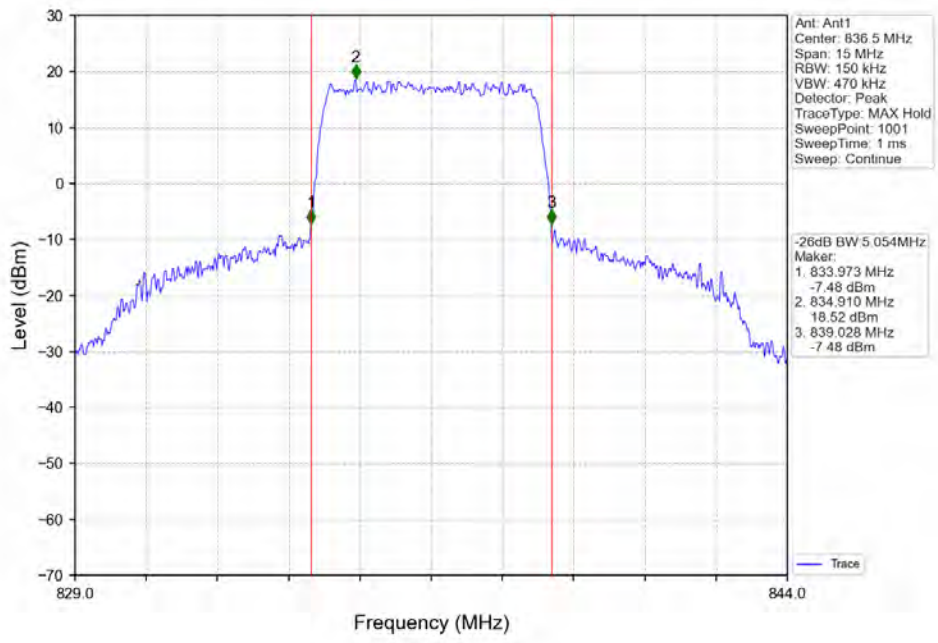
Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



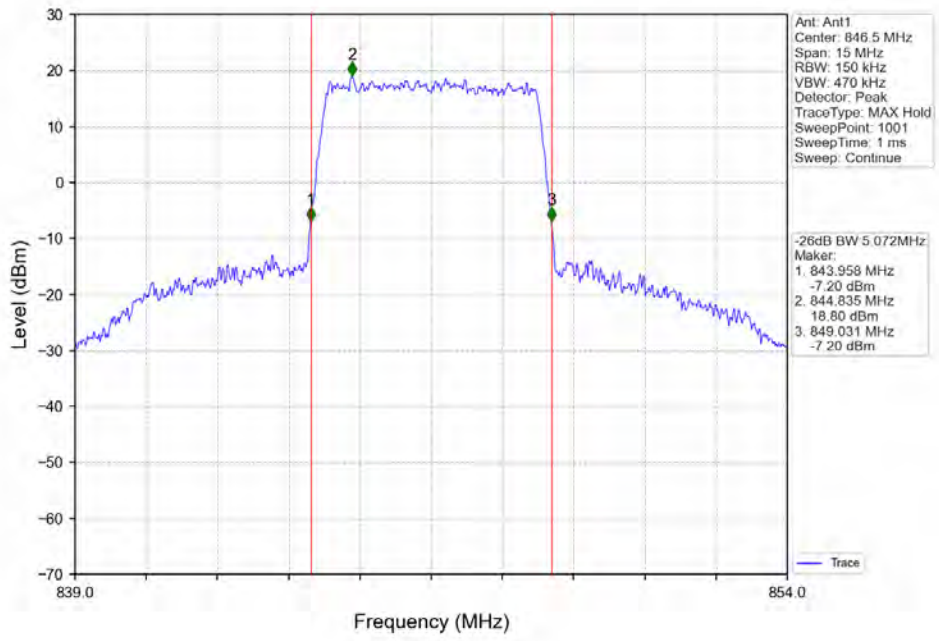
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



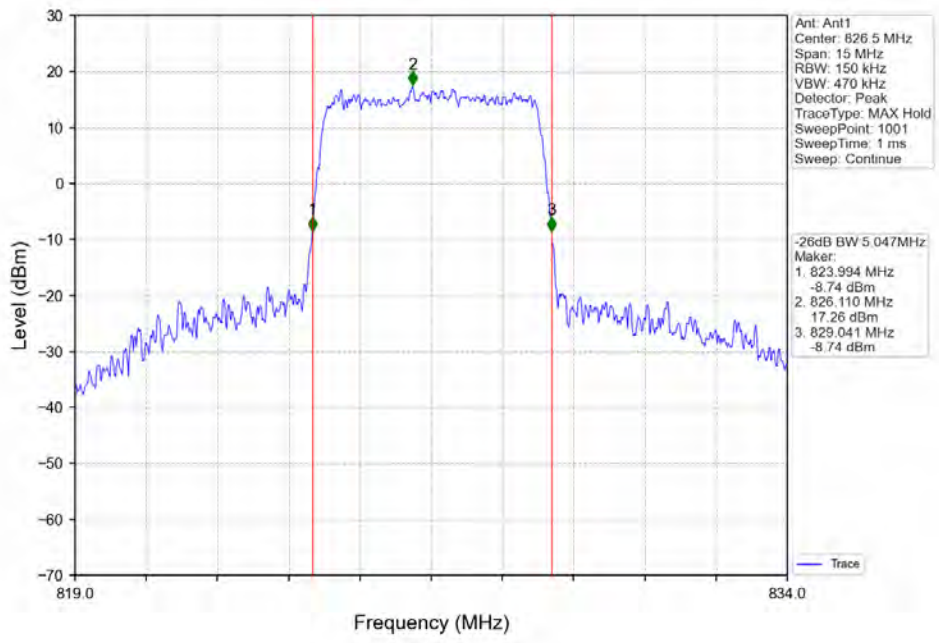
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



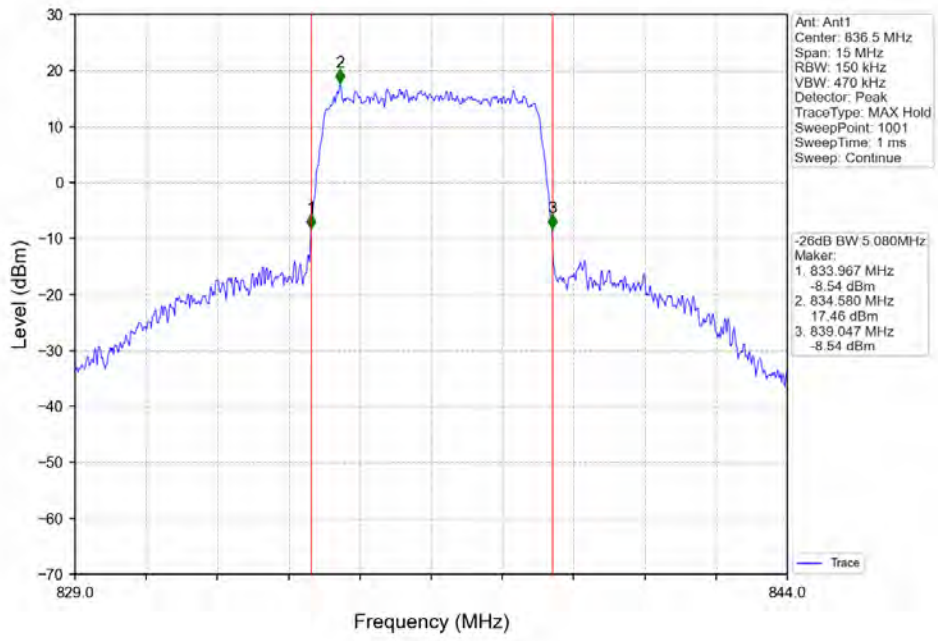
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



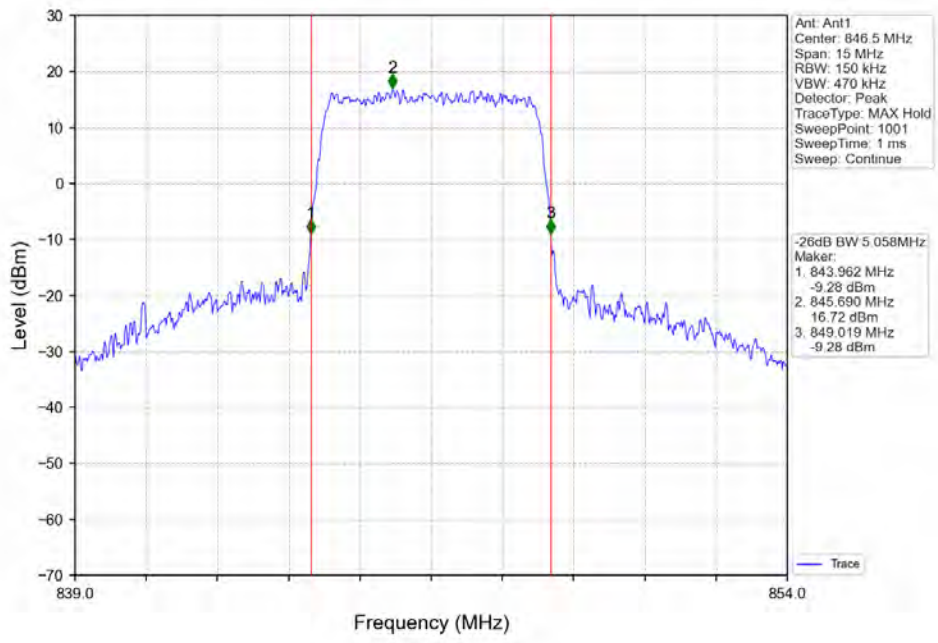
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



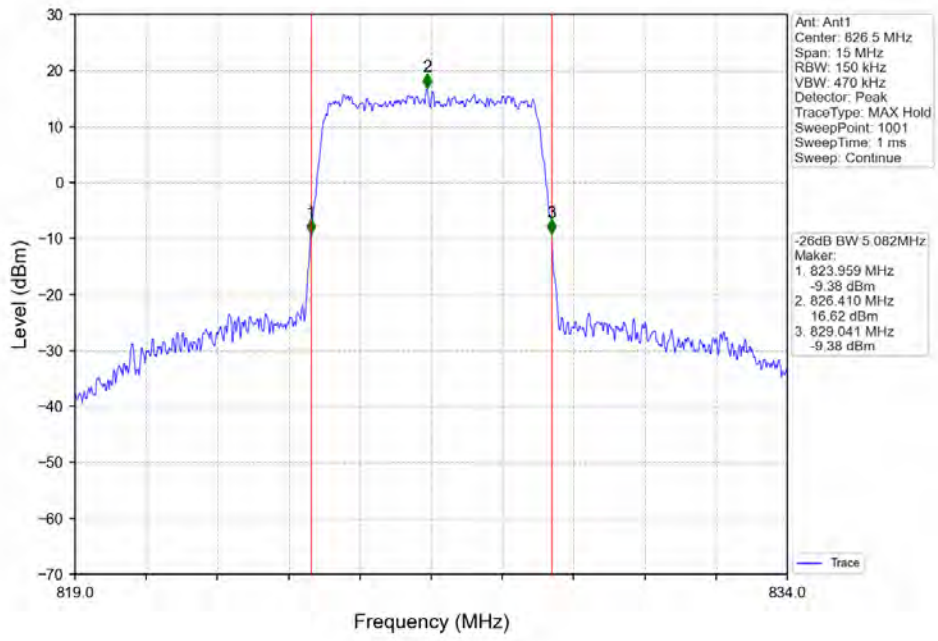
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



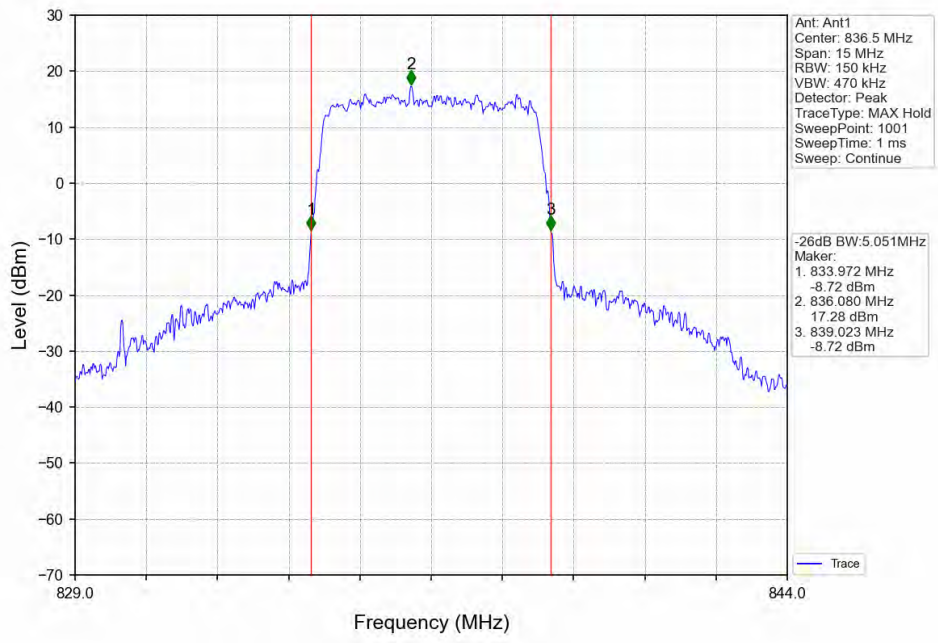
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



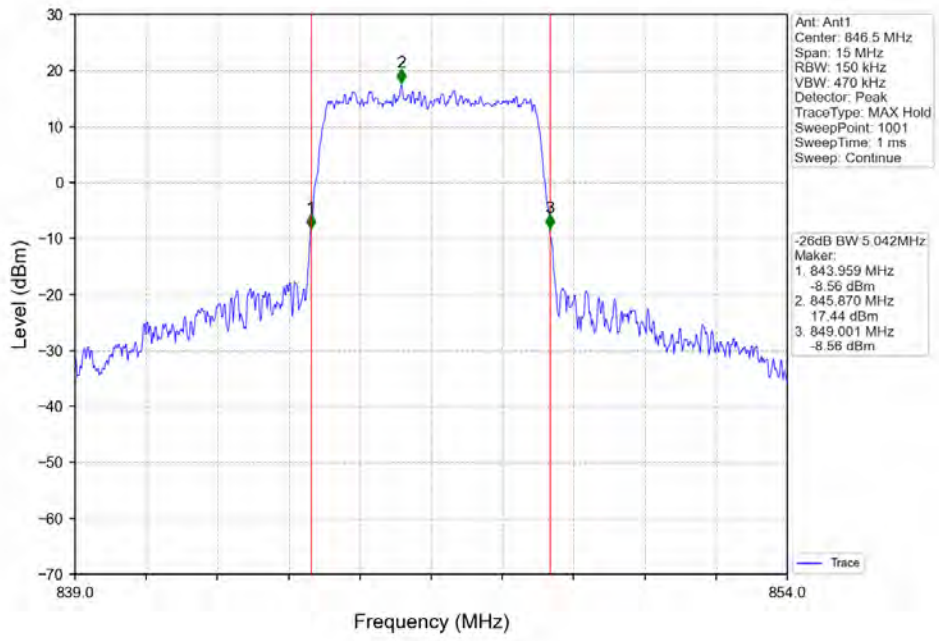
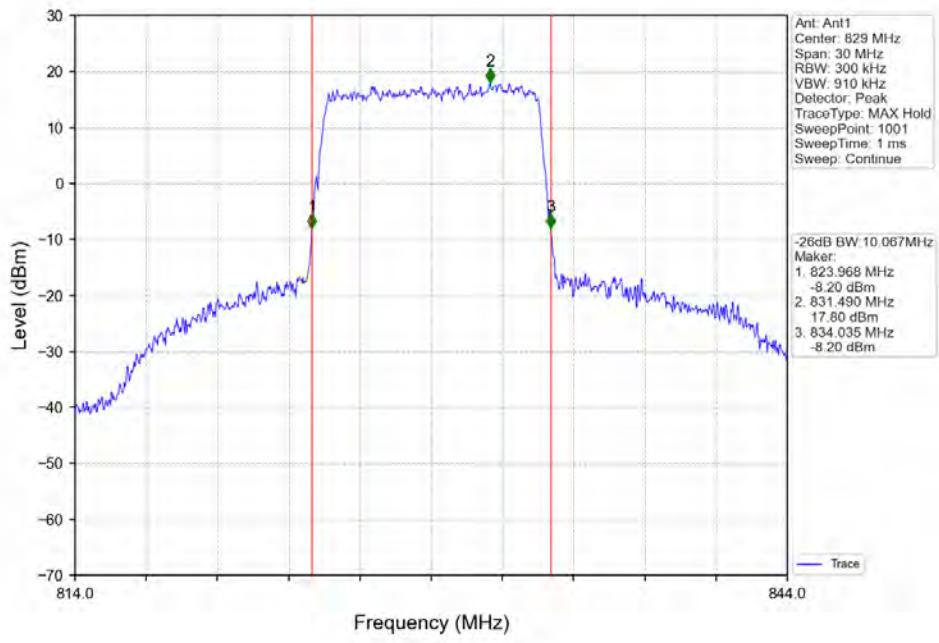
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV