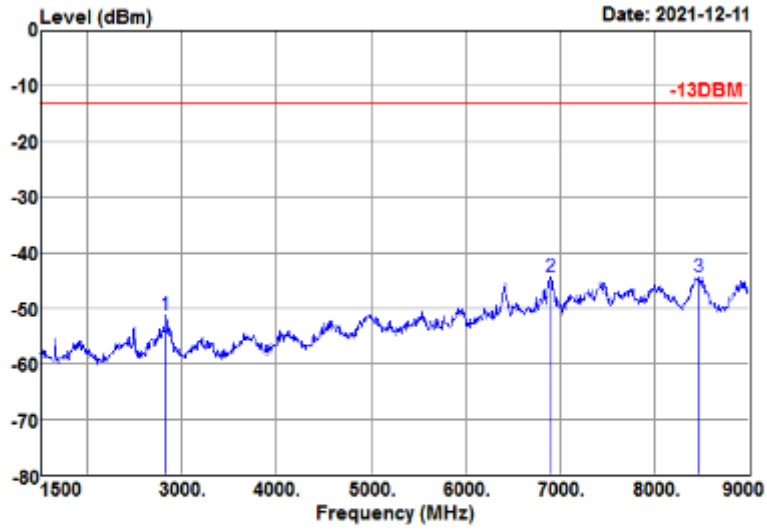
MODE	TX channel 20525	**FREQUENCY RANGE**	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	**INPUT POWER**	AC 120V/60Hz
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			



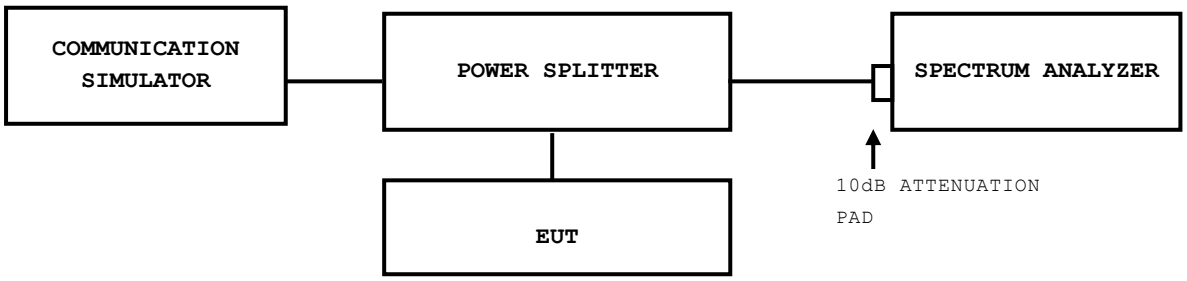
Freq MHz	Reading level dBm	Aux factor dB	level dBm	Limit level dBm	Over limit dB	Remark
2835.000	-59.23	8.03	-51.20	-13.00	-38.20	Peak
6907.500	-62.85	18.57	-44.28	-13.00	-31.28	Peak
8475.000	-63.98	19.54	-44.44	-13.00	-31.44	Peak

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Shenzhen EMC/RF Lab:
Tel: +86-755-88696566
Fax: +86-755-88696577

Email: customerservice.sw@bureauveritas.com
Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.

6 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

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

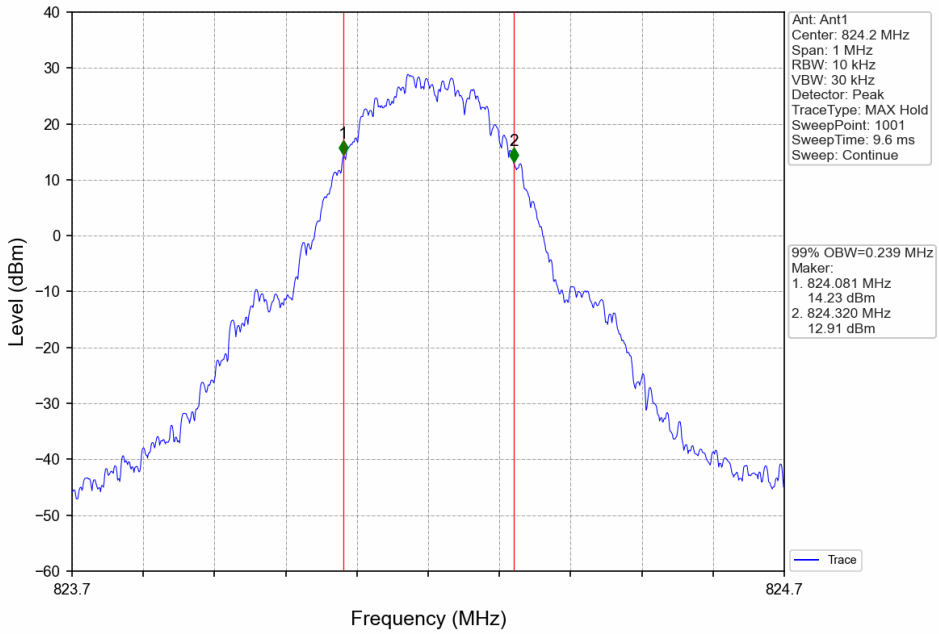
		30	3.85	9.01	0.01	-2.5 to 2.5	Pass
		40	3.85	1.65	0.00	-2.5 to 2.5	Pass
		50	3.85	4.29	0.01	-2.5 to 2.5	Pass
	848.8	20	3.27	12.75	0.01	-2.5 to 2.5	Pass
			3.85	16.92	0.02	-2.5 to 2.5	Pass
			4.43	9.59	0.01	-2.5 to 2.5	Pass
		-30	3.85	11.37	0.01	-2.5 to 2.5	Pass
		-20	3.85	8.49	0.01	-2.5 to 2.5	Pass
		-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

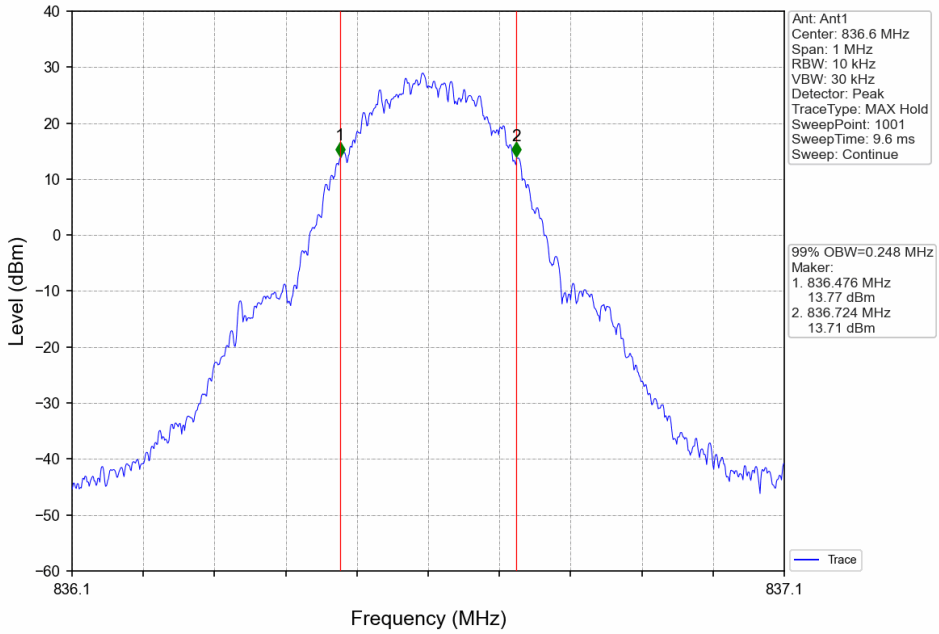
Band: GSM850					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	1 TX Slot	824.2	0.239	Pass
			836.6	0.248	Pass
			848.8	0.248	Pass
	EGSM	1 TX Slot	824.2	0.252	Pass
			836.6	0.250	Pass
			848.8	0.256	Pass

Test Graph

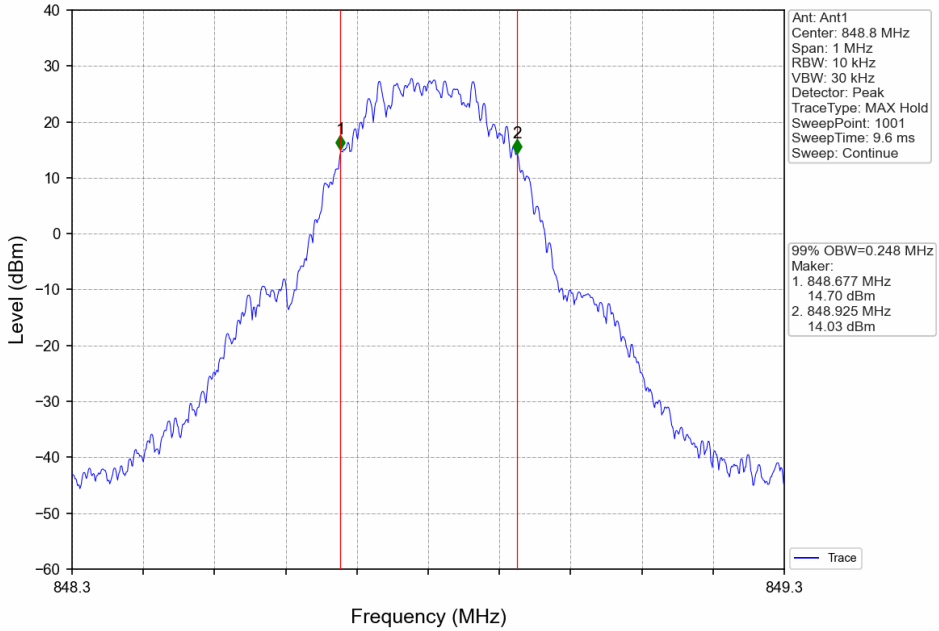
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



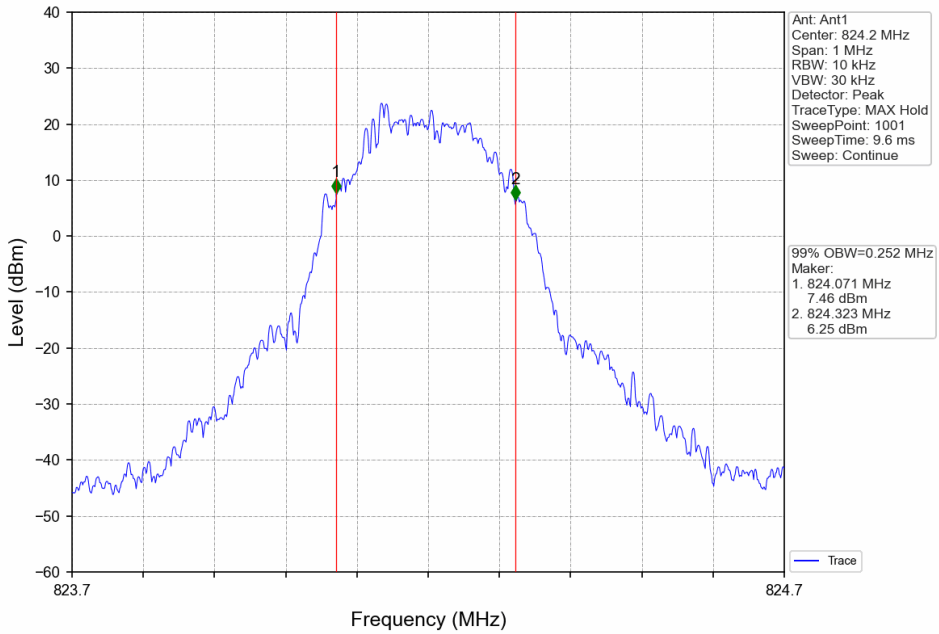
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



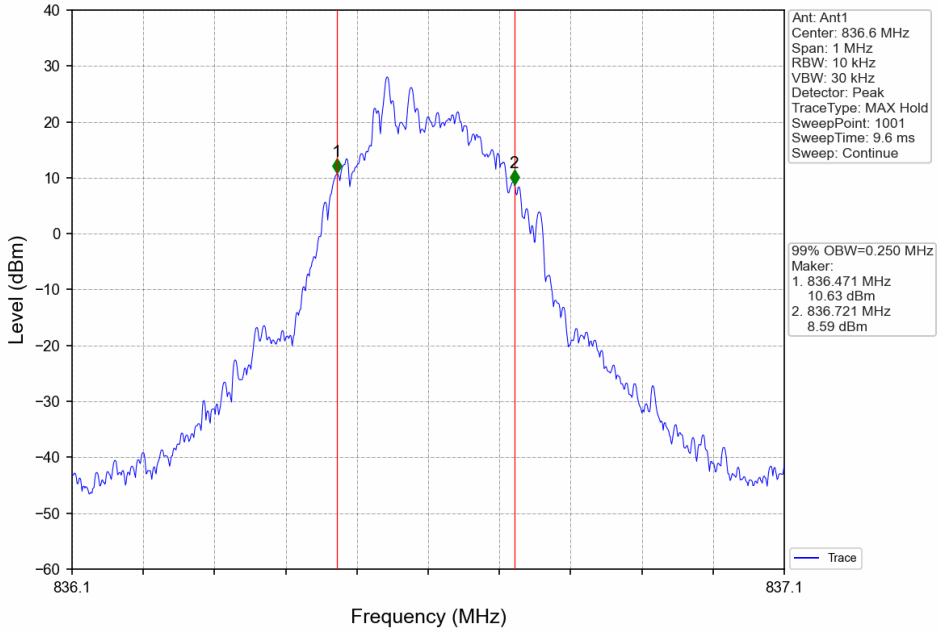
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



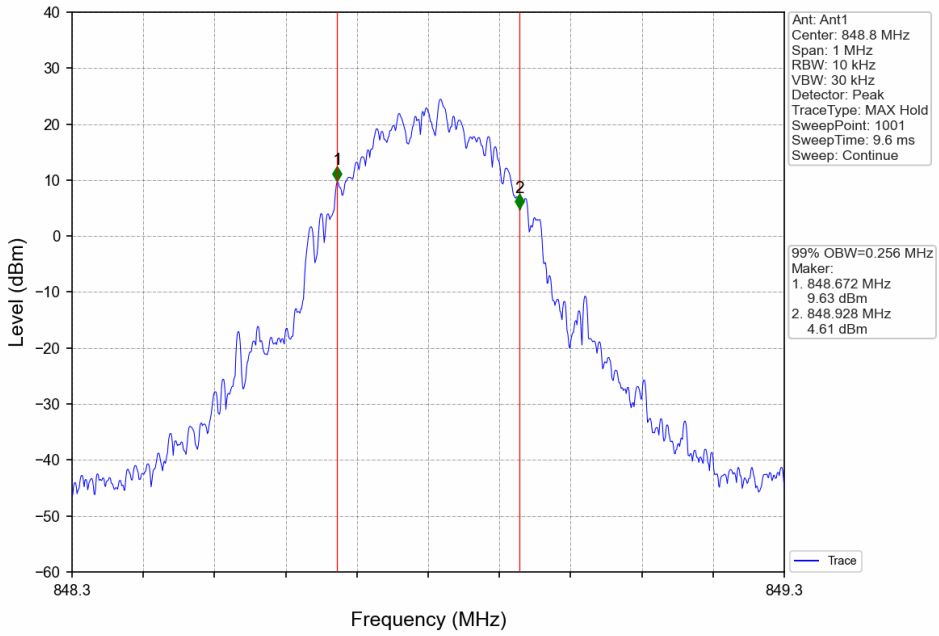
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV

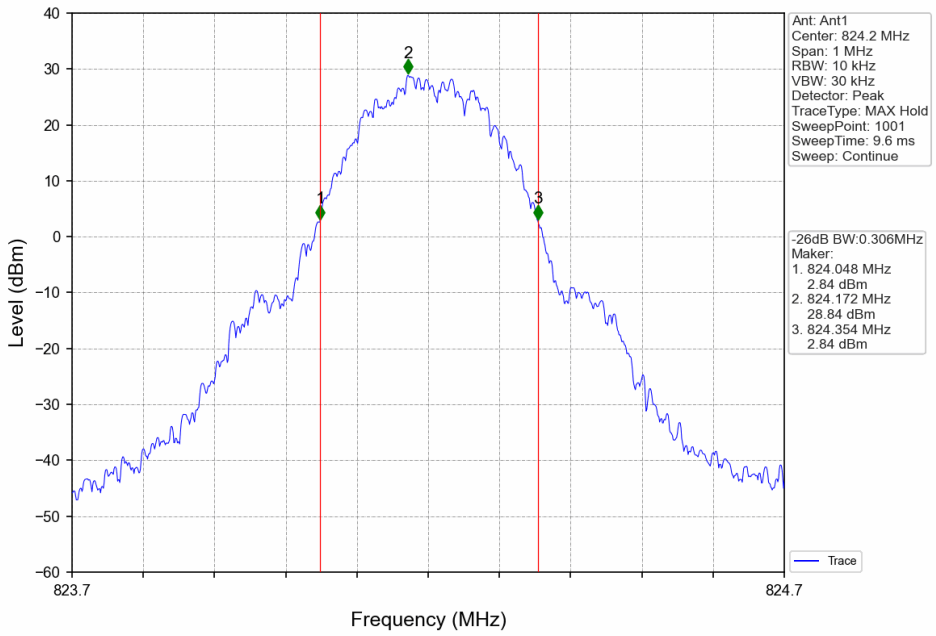


26DB_OBW Test Result

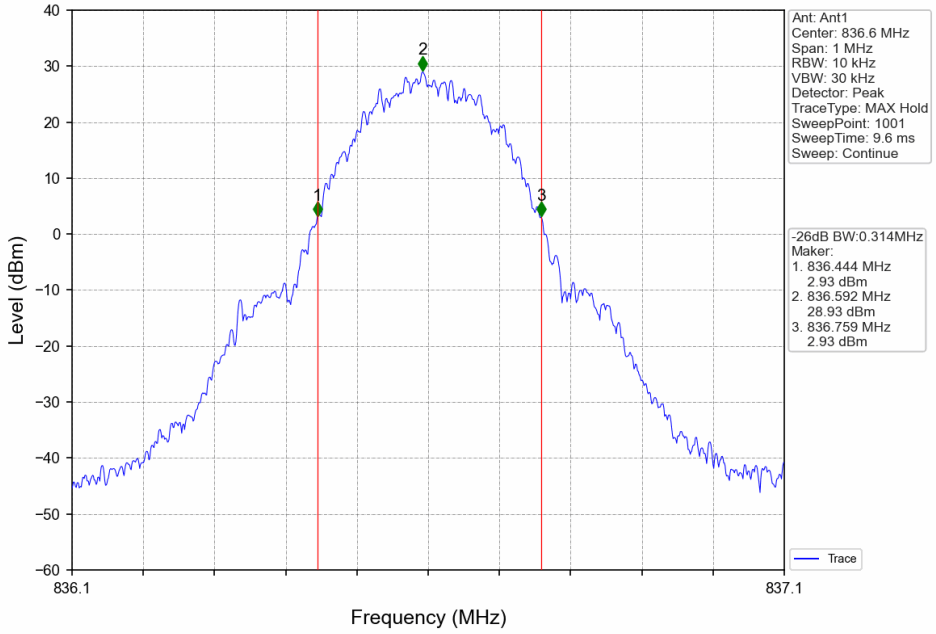
Band: GSM850					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	GSM	1 TX Slot	824.2	0.306	Pass
			836.6	0.314	Pass
			848.8	0.321	Pass
	EGSM	1 TX Slot	824.2	0.309	Pass
			836.6	0.309	Pass
			848.8	0.330	Pass

Test Graph

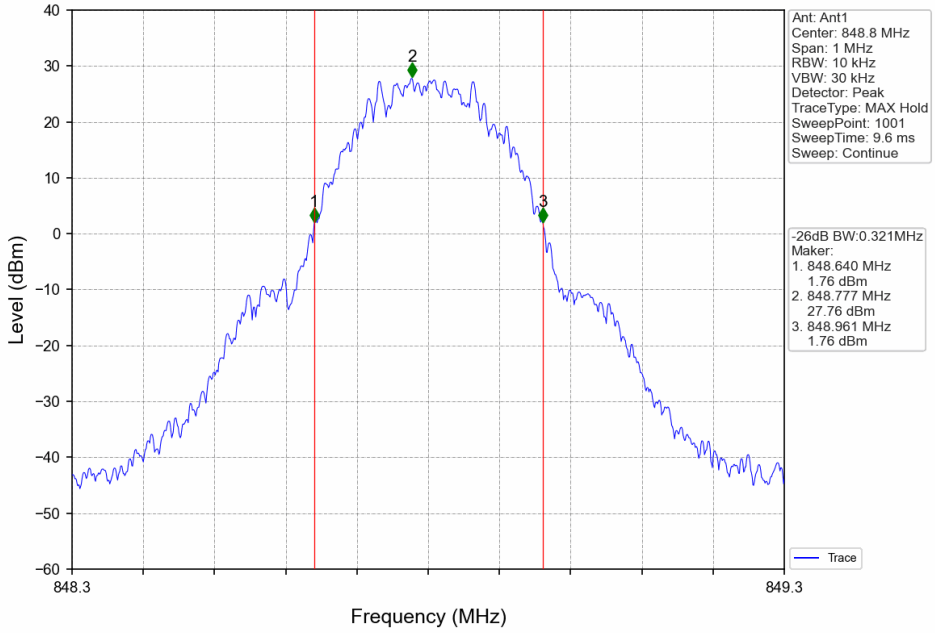
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



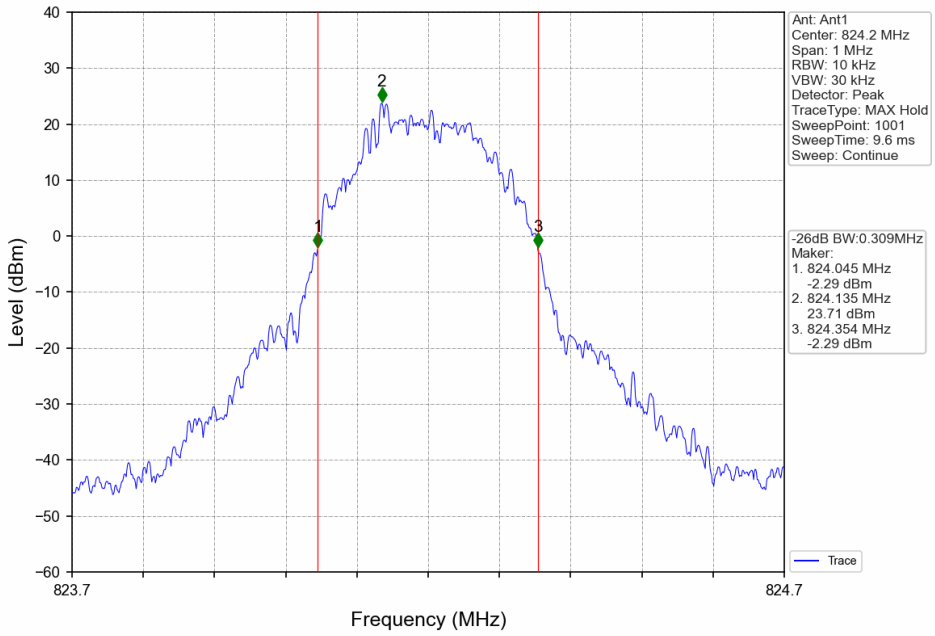
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



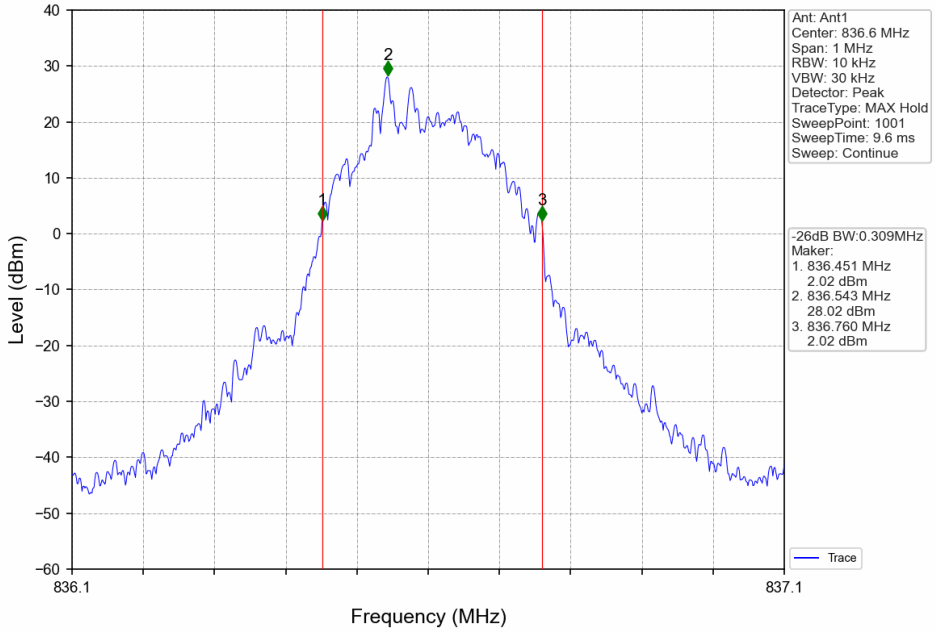
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



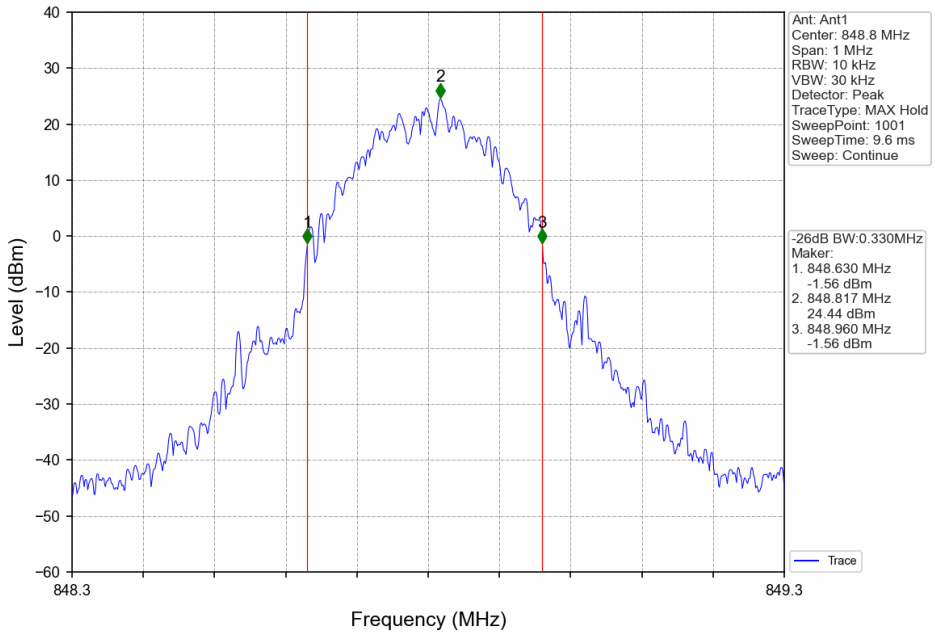
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



GSM850_EGSM_HCH_848.8MHz_1 TX Slot_NTNV

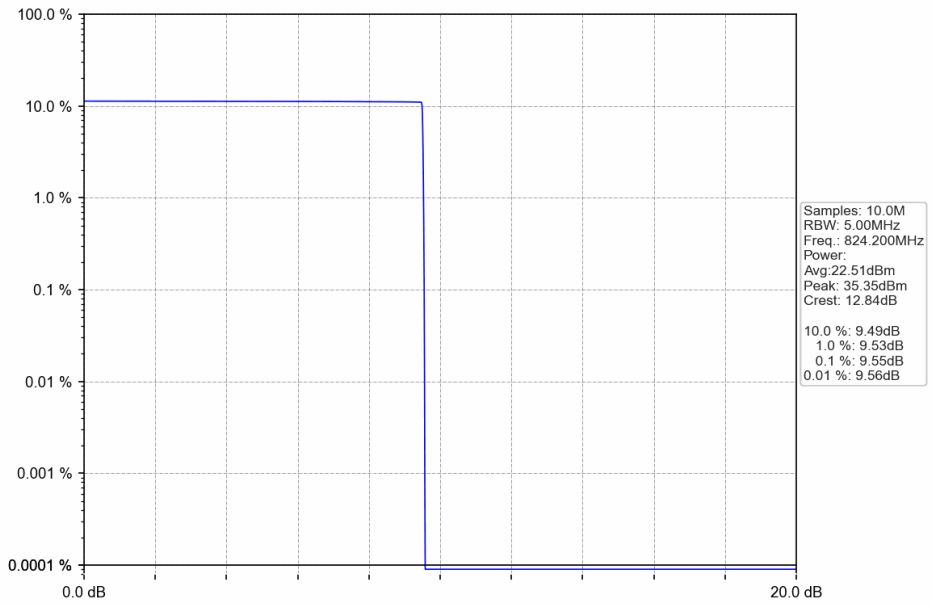


Peak-Average Ratio Test Result

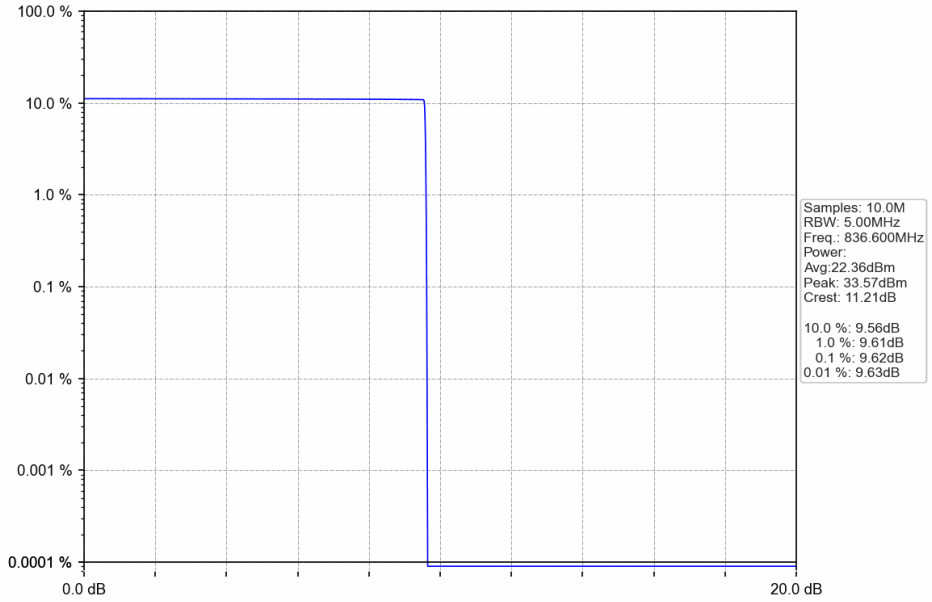
Band: GSM850						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	4 TX Slots	824.2	9.55	<=13	Pass
			836.6	9.62	<=13	Pass
			848.8	3.82	<=13	Pass
	EGSM	4 TX Slots	824.2	7.32	<=13	Pass
			836.6	6.20	<=13	Pass
			848.8	7.25	<=13	Pass

Test Graph

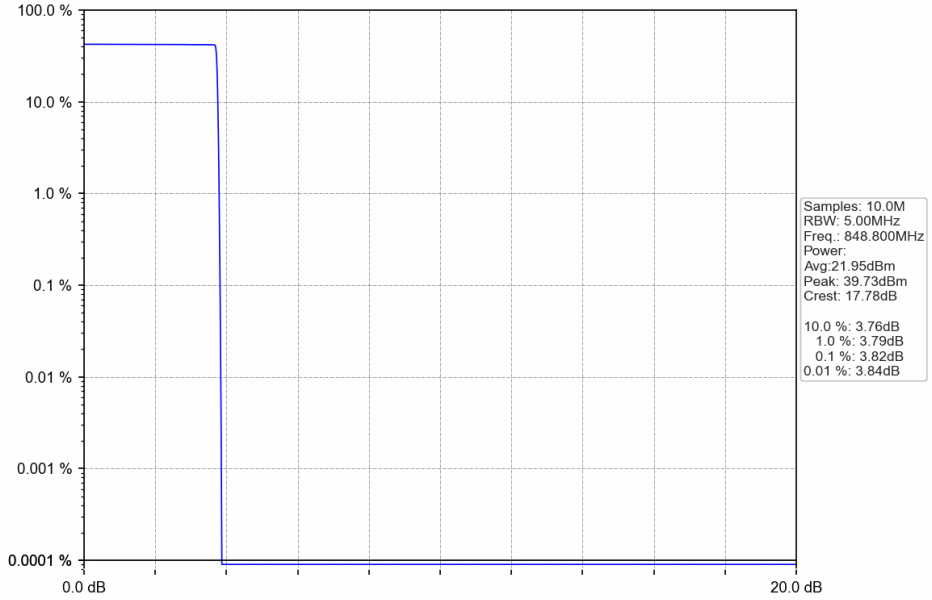
GSM850_GSM_LCH_824.2MHz_4 TX Slots_NTNV



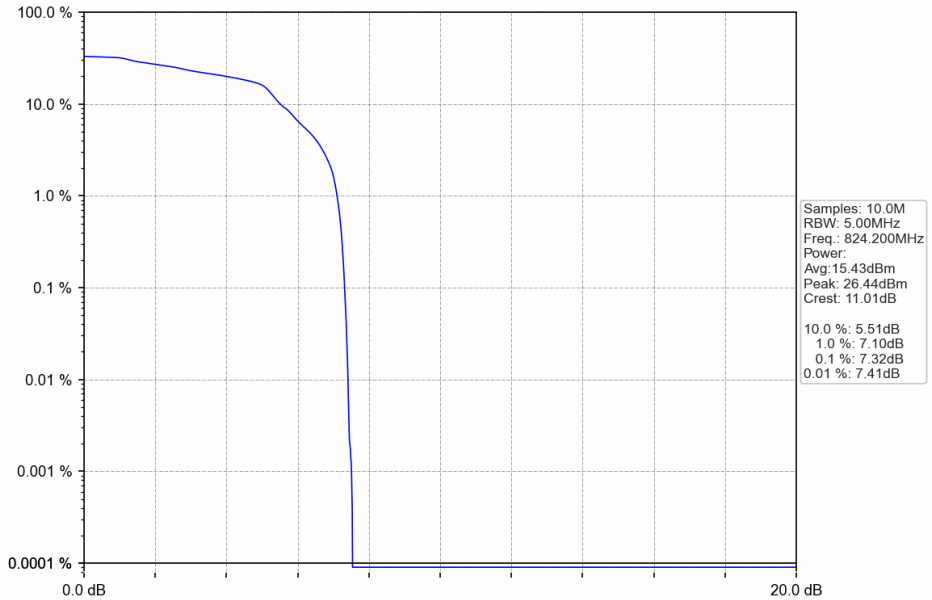
GSM850_GSM_MCH_836.6MHz_4 TX Slots_NTNV



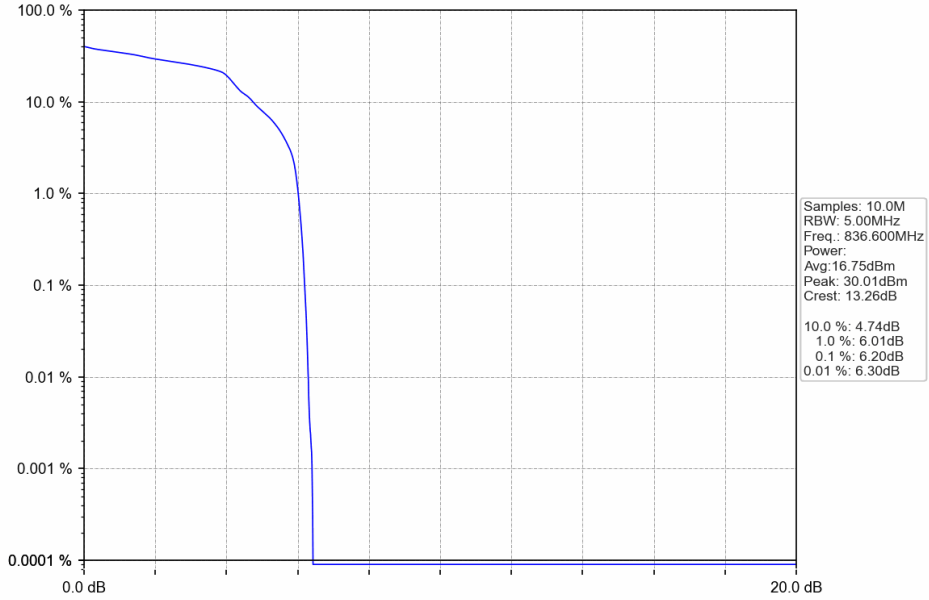
GSM850_GSM_HCH_848.8MHz_4 TX Slots_NTNV



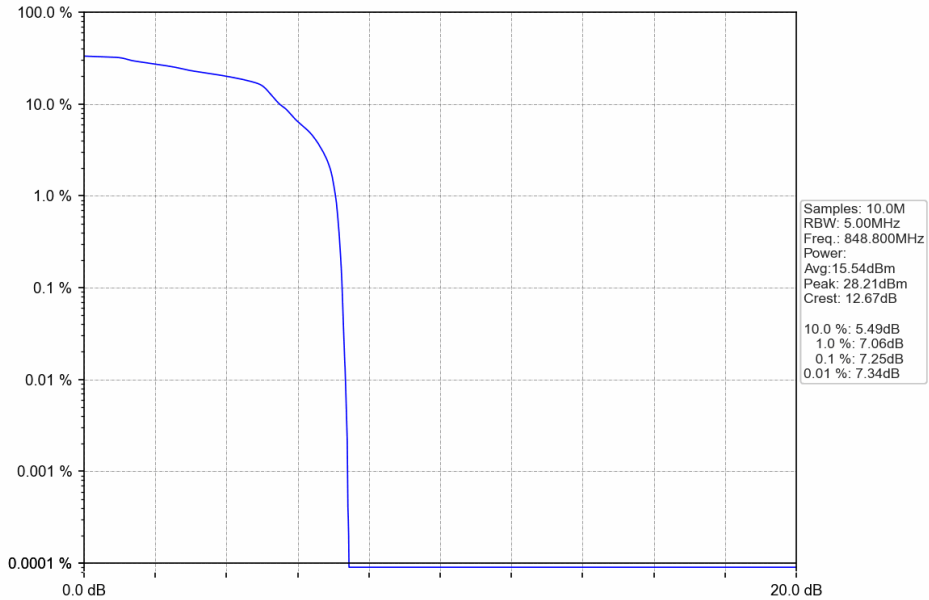
GSM850_EGSM_LCH_824.2MHz_4 TX Slots_NTNV



GSM850_EGSM_MCH_836.6MHz_4 TX Slots_NTNV



GSM850_EGSM_HCH_848.8MHz_4 TX Slots_NTNV

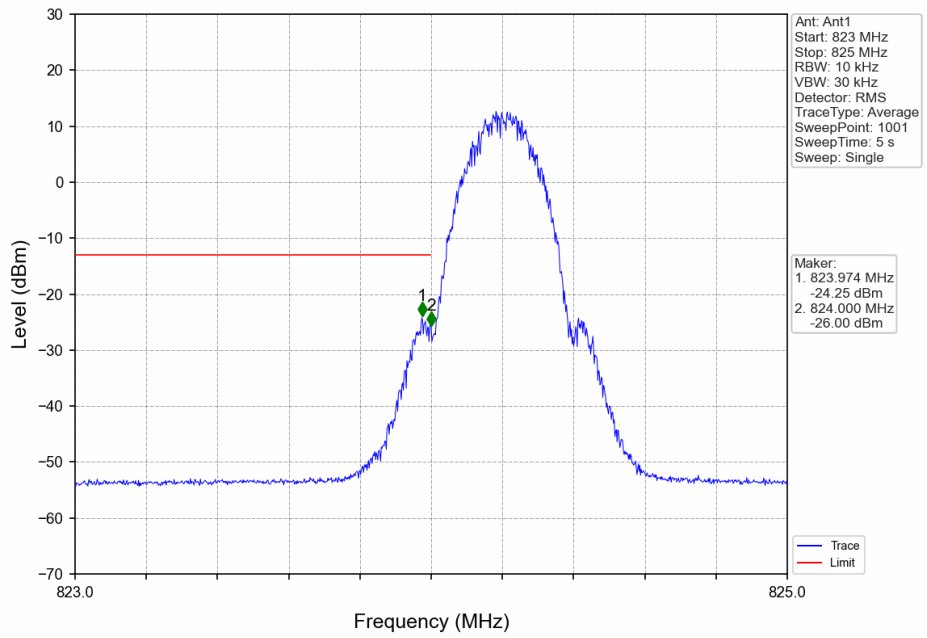


Spurious Emission Test Result

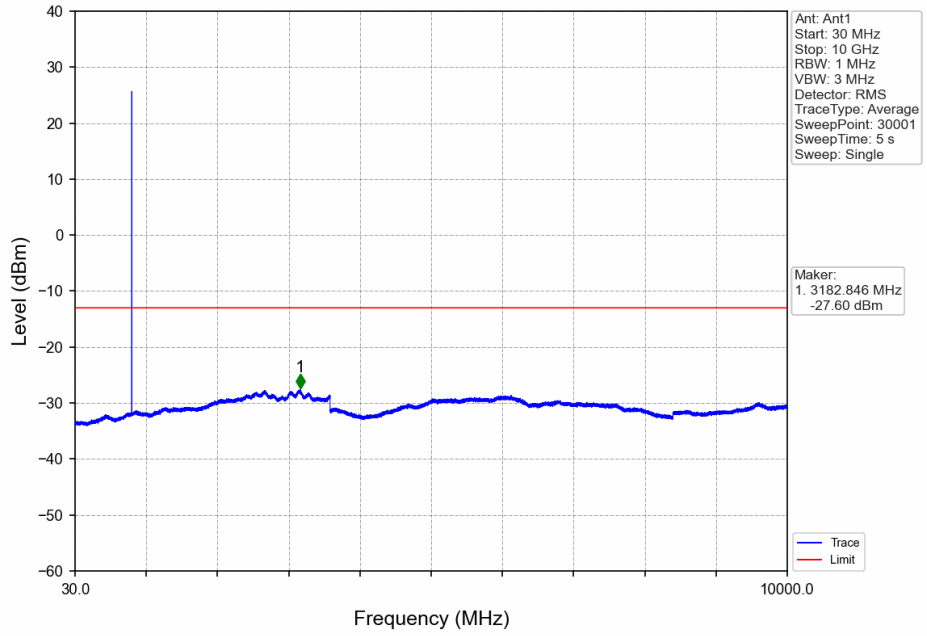
Band: GSM850						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	1 TX Slot	824.2	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			848.8	Refer To Test Graph		Pass
	EGSM	1 TX Slot	824.2	Refer To Test Graph		Pass
			836.6	Refer To Test Graph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

Test Graph

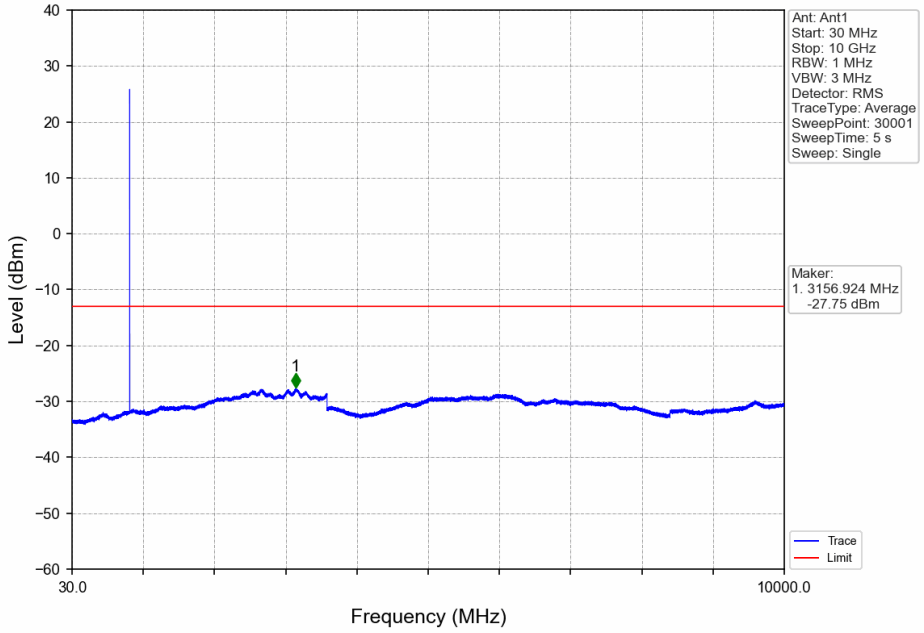
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



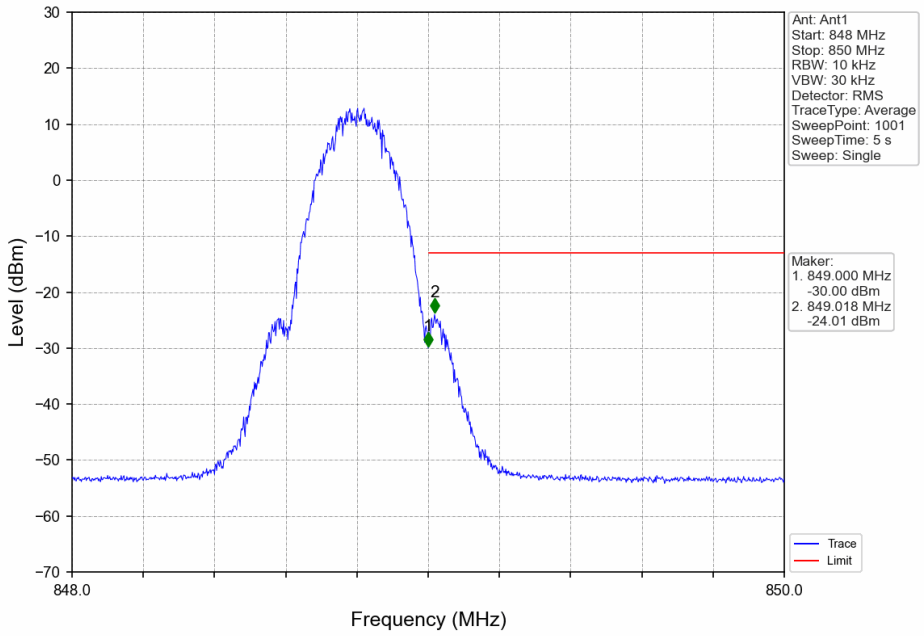
GSM850_GSM_LCH_824.2MHz_1 TX Slot_NTNV



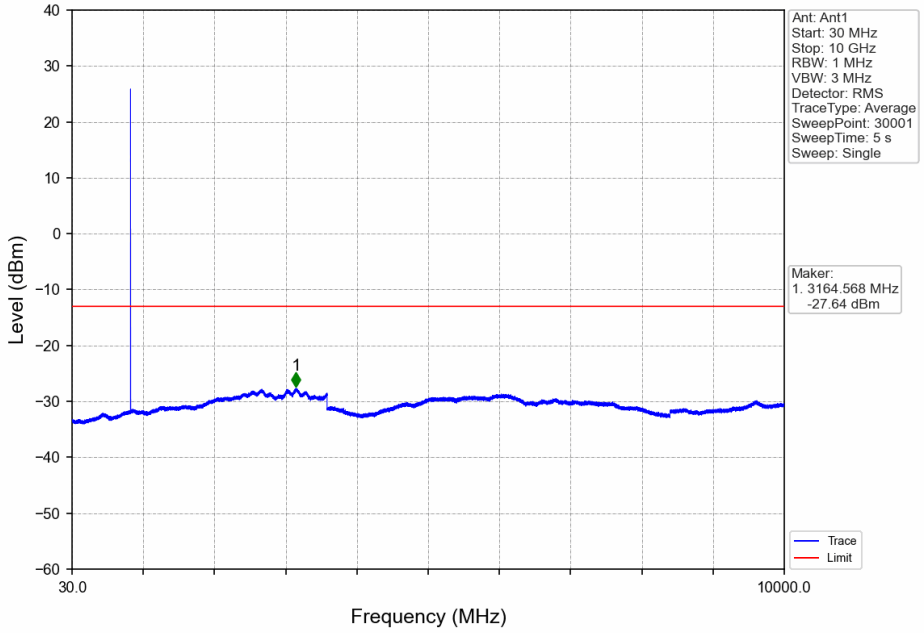
GSM850_GSM_MCH_836.6MHz_1 TX Slot_NTNV



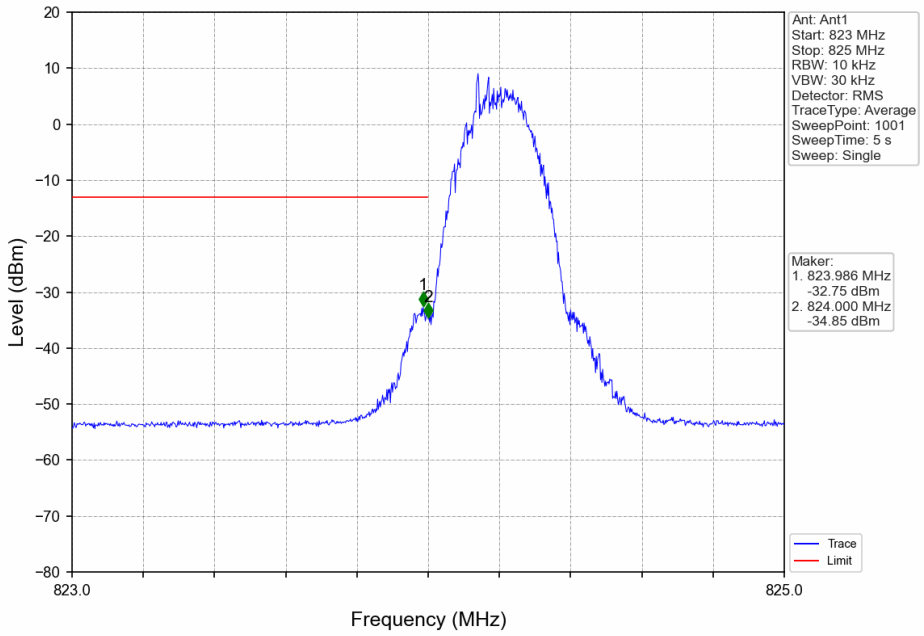
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



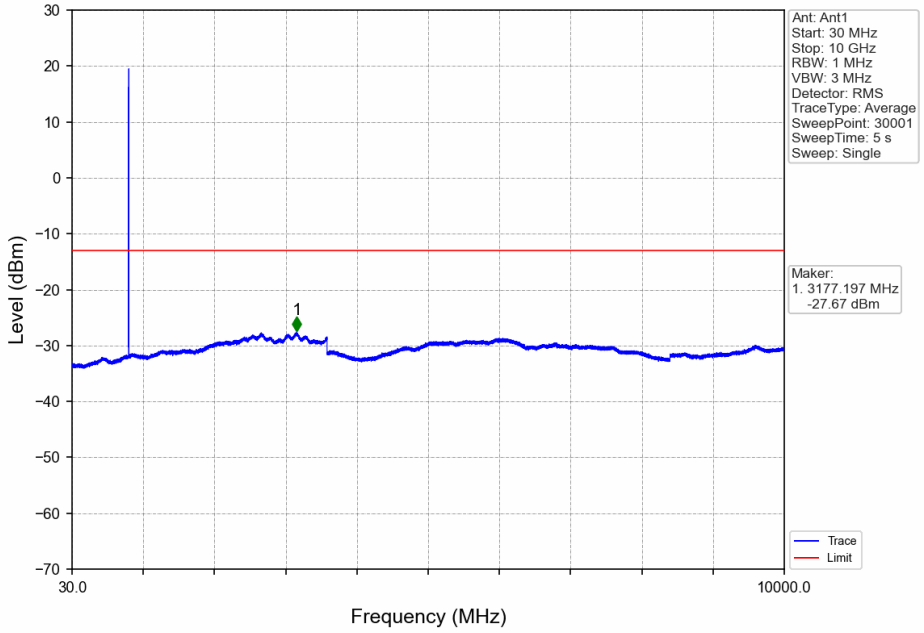
GSM850_GSM_HCH_848.8MHz_1 TX Slot_NTNV



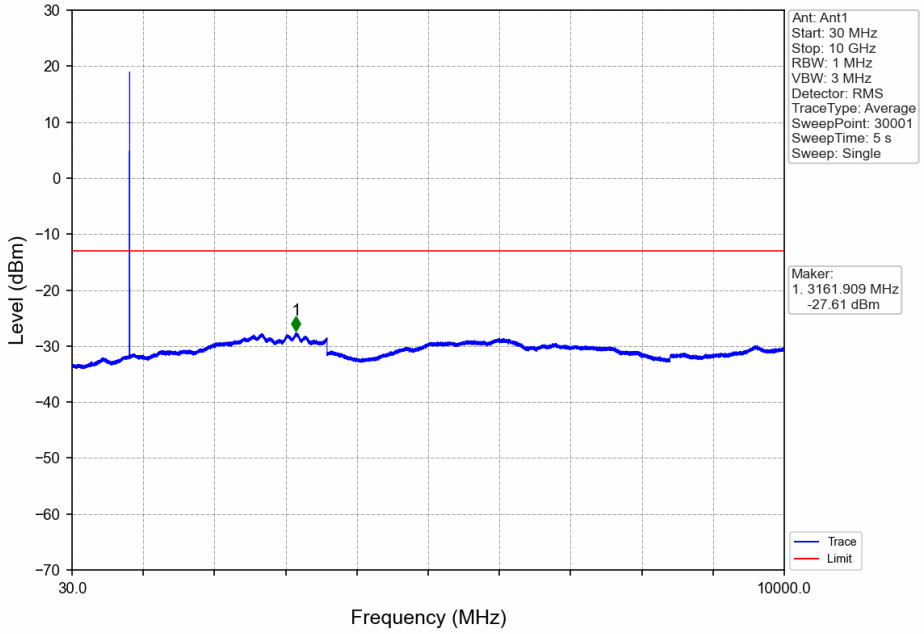
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



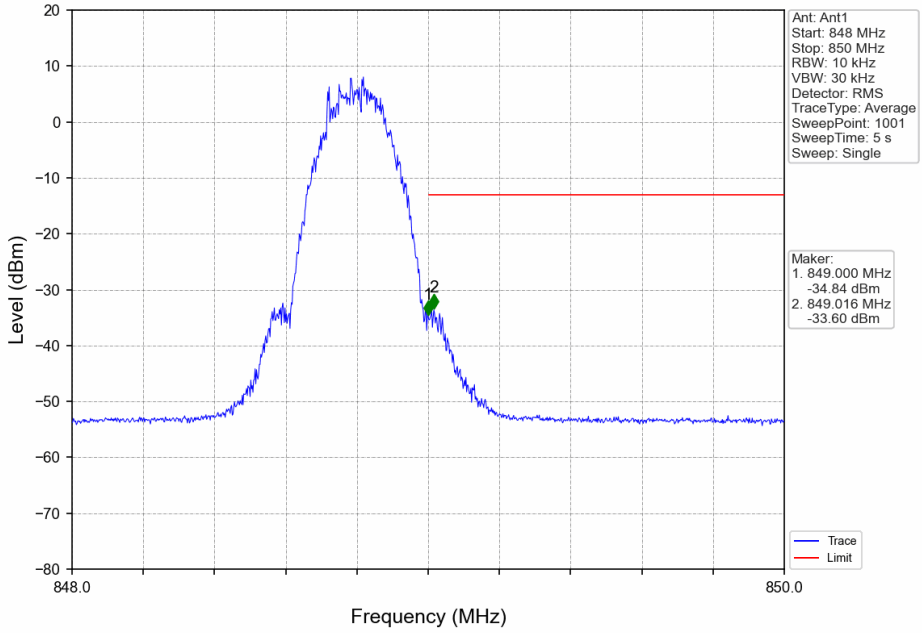
GSM850_EGSM_LCH_824.2MHz_1 TX Slot_NTNV



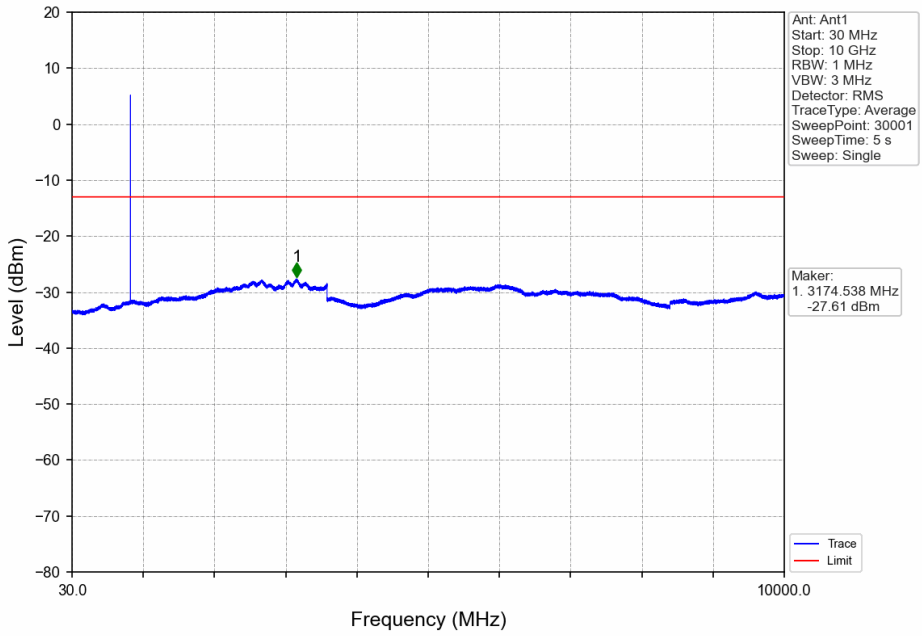
GSM850_EGSM_MCH_836.6MHz_1 TX Slot_NTNV



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

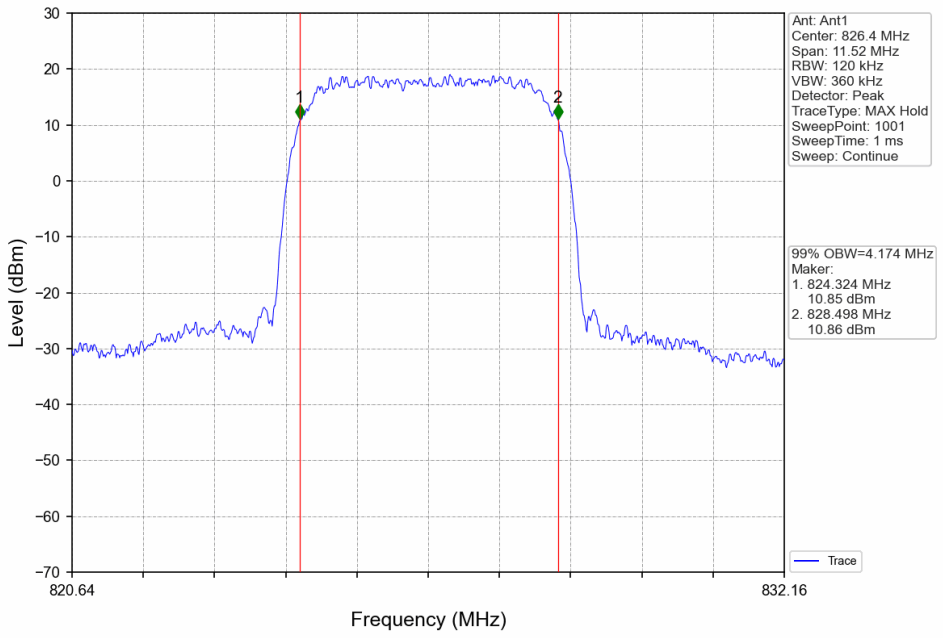
Band: 5							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	826.4	20	3.27	0.52	0.00	-2.5 to 2.5	Pass
			3.85	0.84	0.00	-2.5 to 2.5	Pass
			4.43	1.03	0.00	-2.5 to 2.5	Pass
		-30	3.85	1.08	0.00	-2.5 to 2.5	Pass
		-20	3.85	1.25	0.00	-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

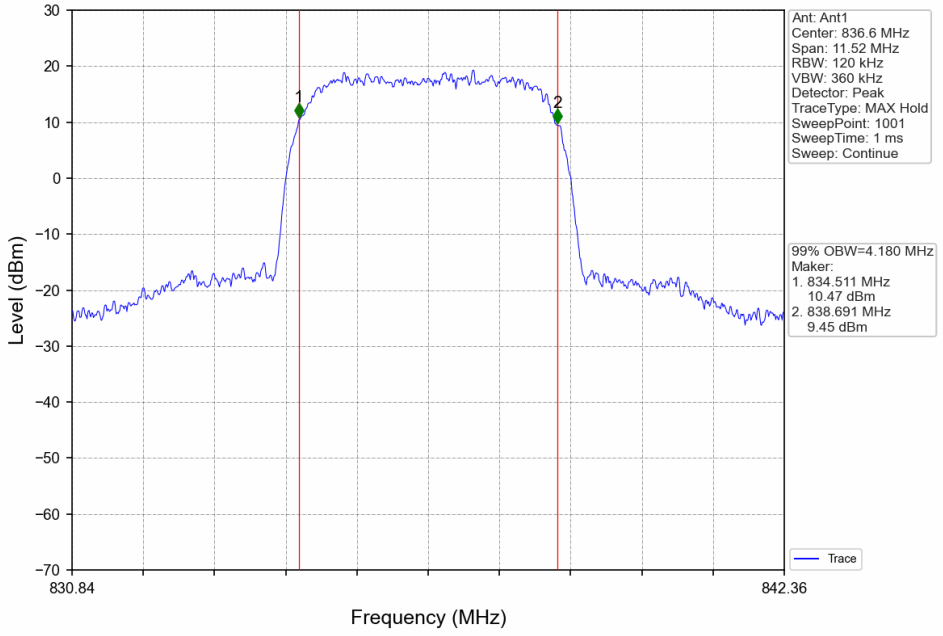
Band: 5					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	826.4	4.174	Pass
			836.6	4.180	Pass
			846.6	4.164	Pass

Test Graph

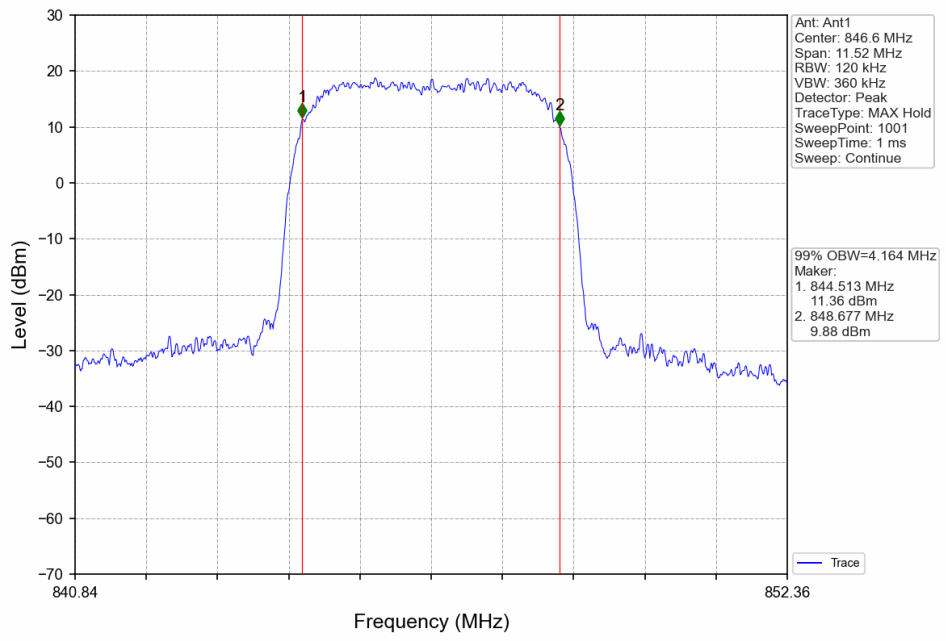
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

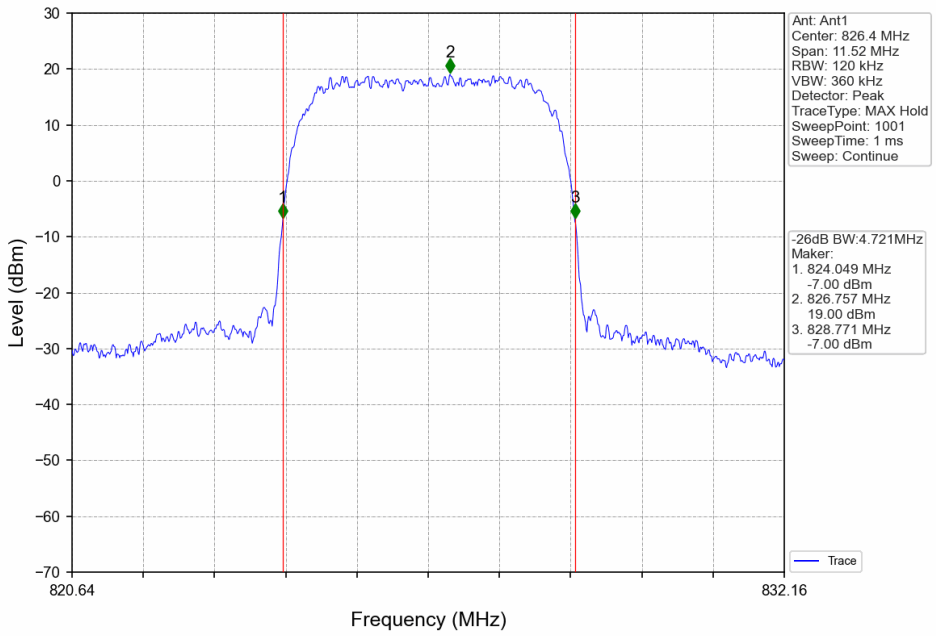


26DB_OBW Test Result

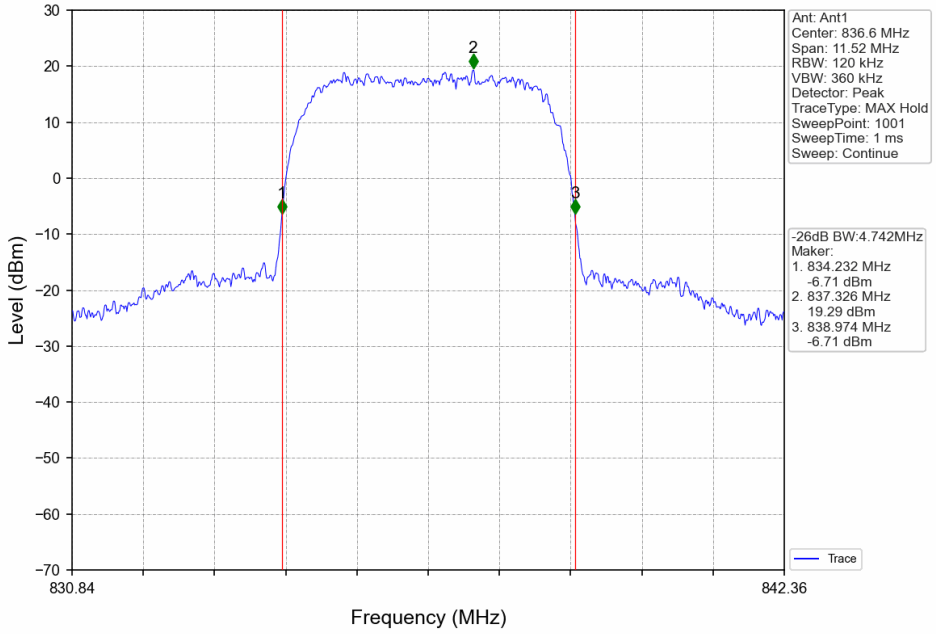
Band: 5					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	826.4	4.721	Pass
			836.6	4.742	Pass
			846.6	4.727	Pass

Test Graph

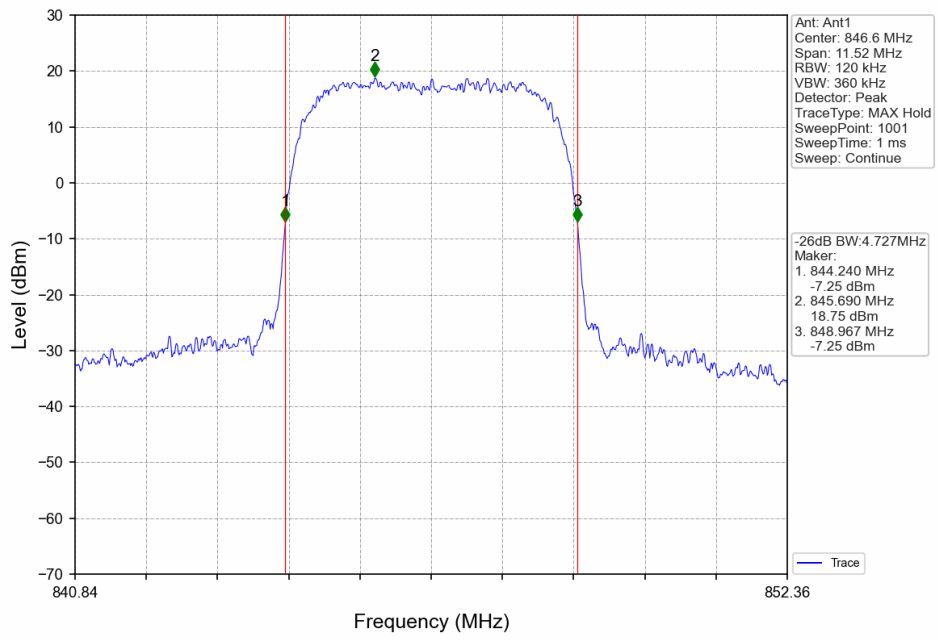
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

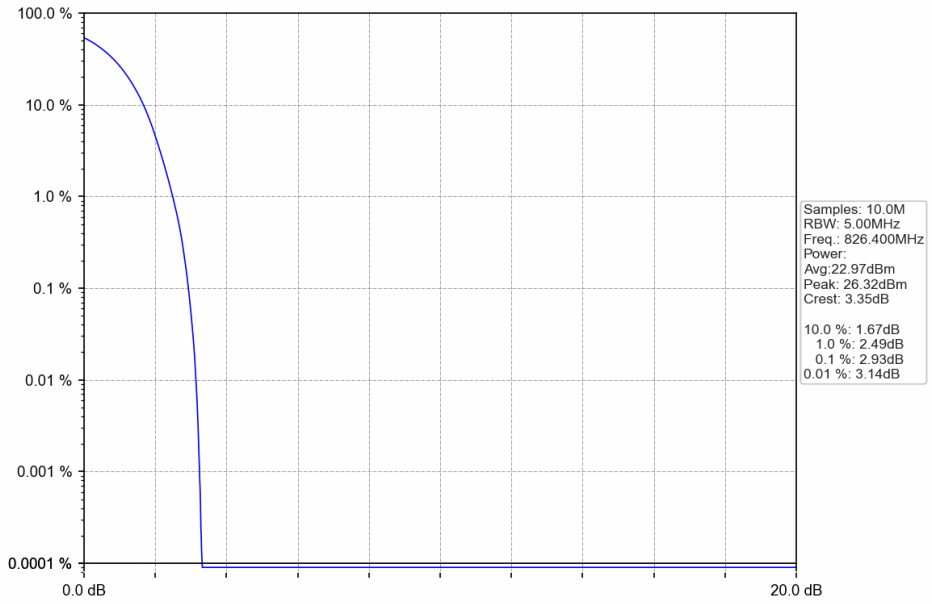


Peak-Average Ratio Test Result

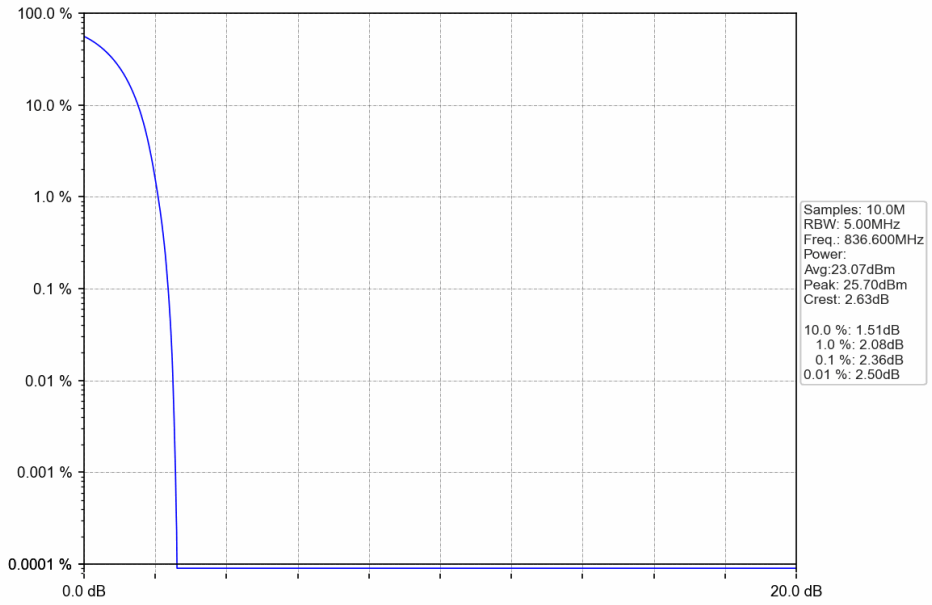
Band: 5						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	2.93	<=13	Pass
			836.6	2.36	<=13	Pass
			846.6	2.86	<=13	Pass

Test Graph

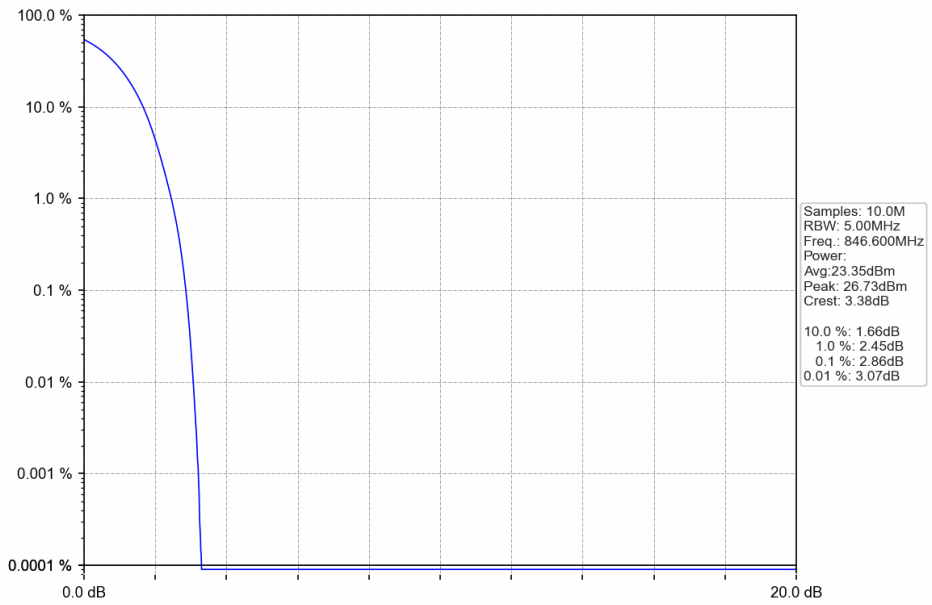
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



Band5_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV

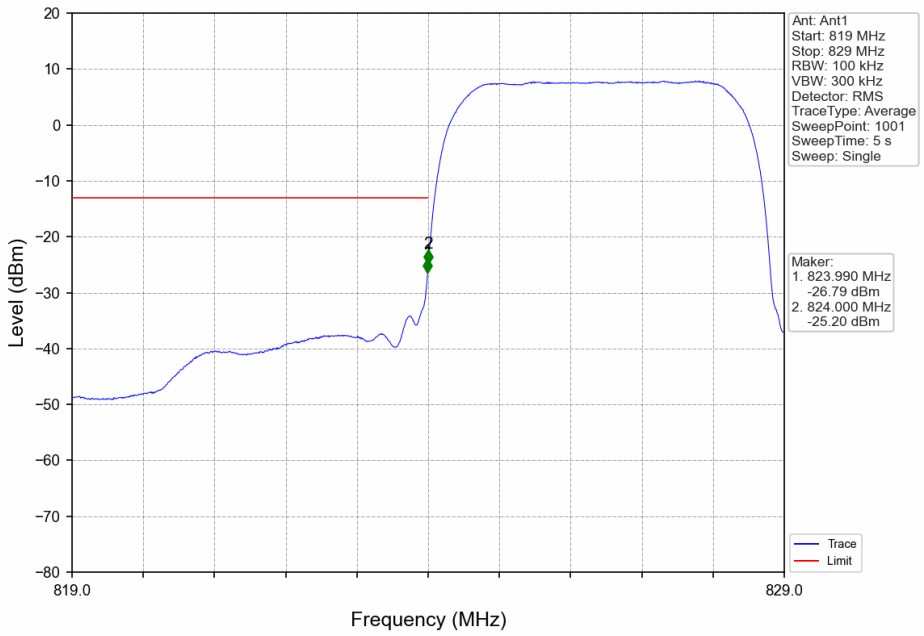


Spurious Emission Test Result

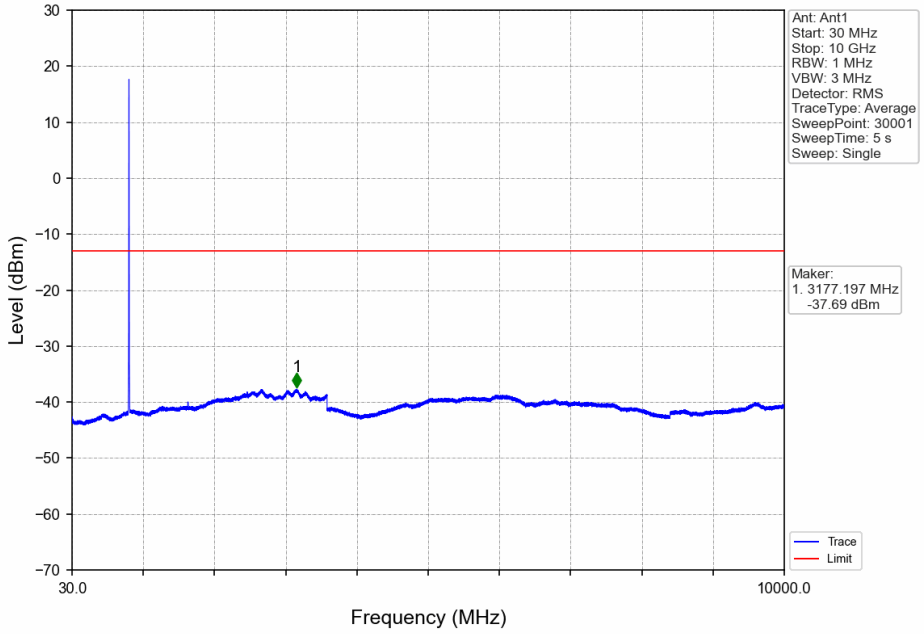
Band: 5						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass

Test Graph

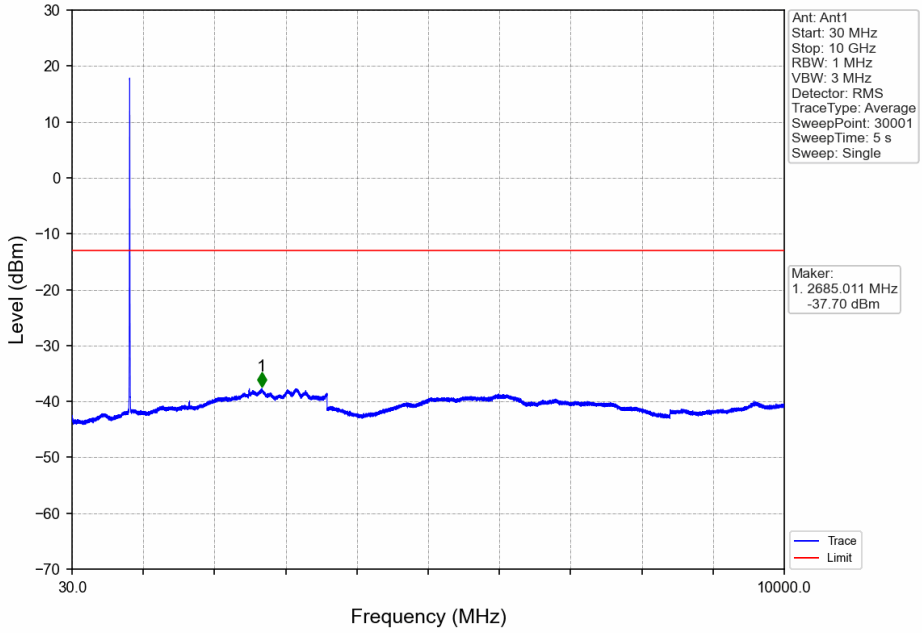
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



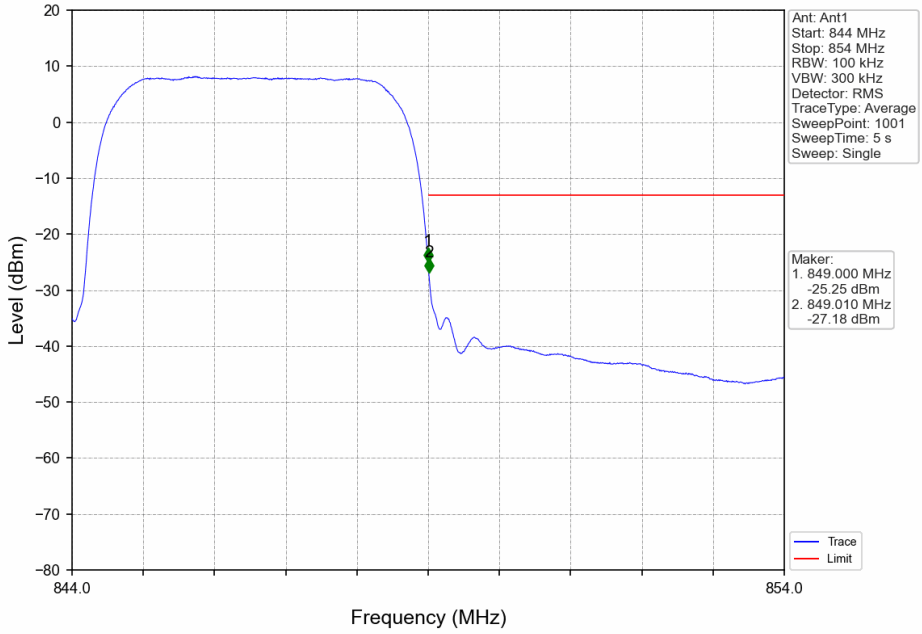
Band5_RMC_LCH_826.4MHz_12.2kbps RMC_NTNV



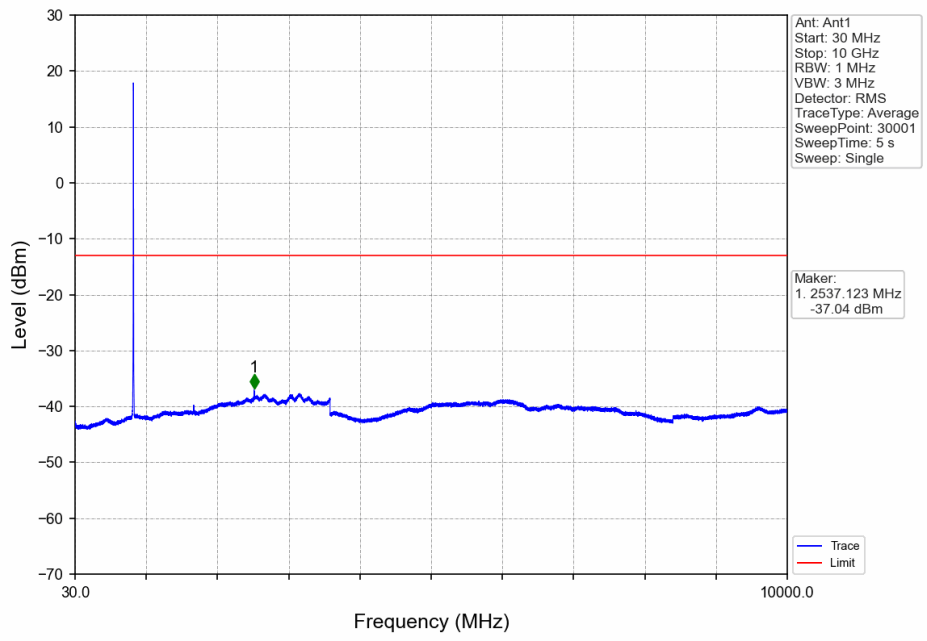
Band5_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



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