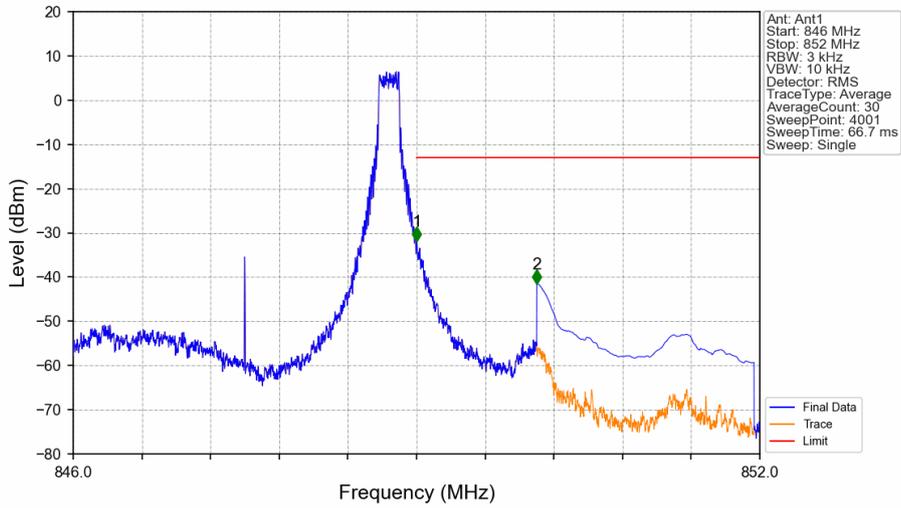




BUREAU VERITAS

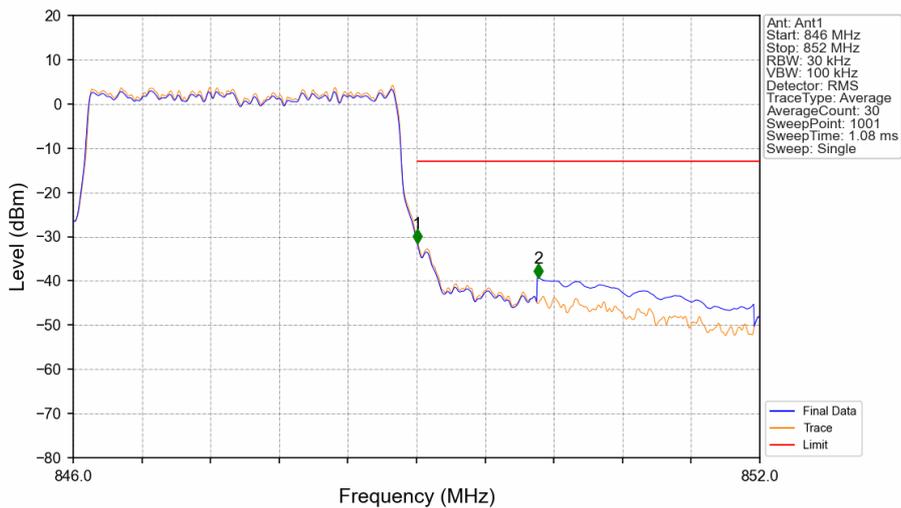
Test Report No.: PSU-NQN2504150110RF01

Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-31.91	-13	Pass
850	852	0.1	CHP	2	850.052	-41.53	-13	Pass

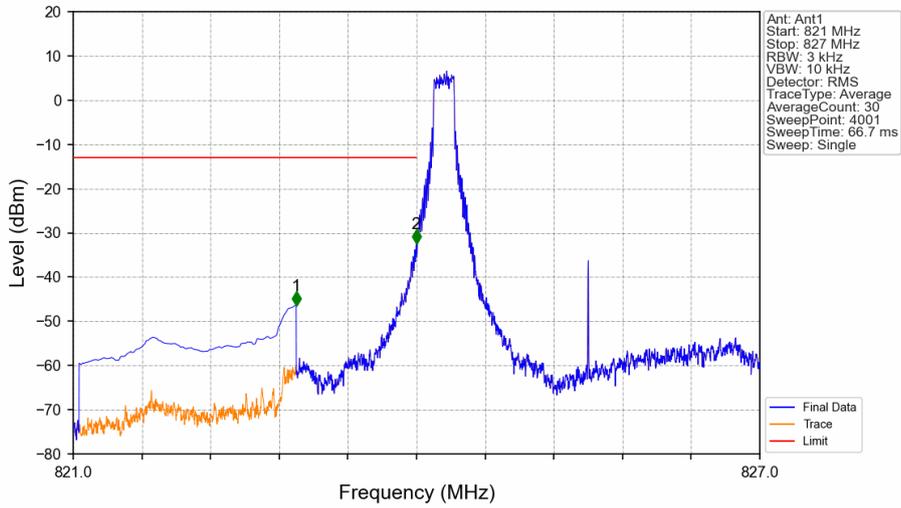
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-31.47	-13	Pass
850	852	0.1	CHP	2	850.062	-39.34	-13	Pass

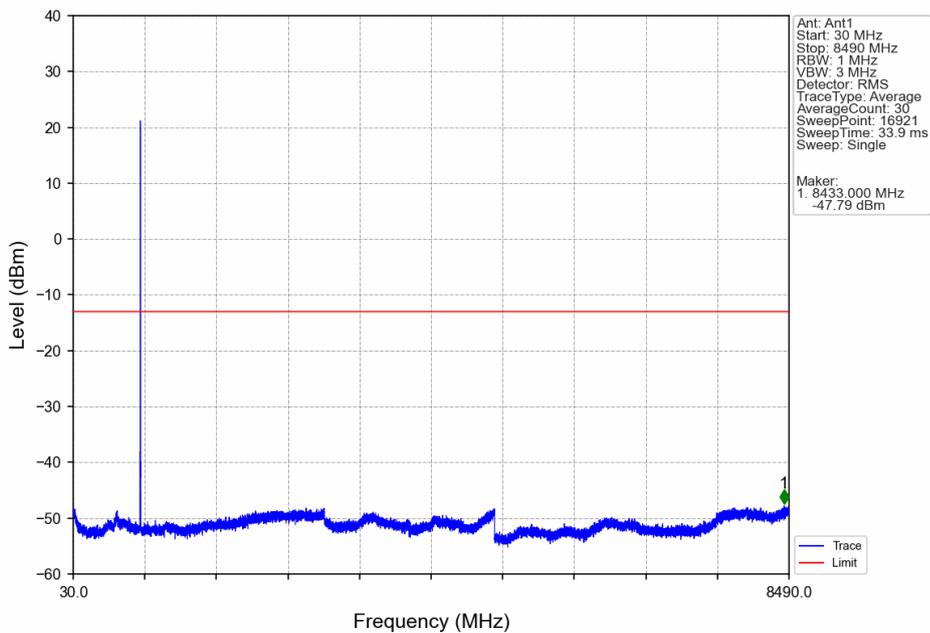


Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-46.36	-13	Pass
823	824	0.003	/	2	823.997	-32.38	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

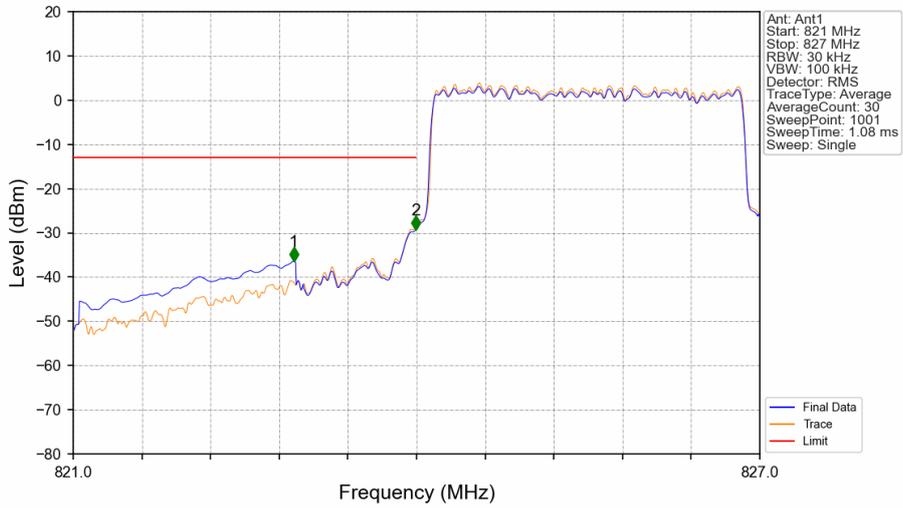




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VERITAS

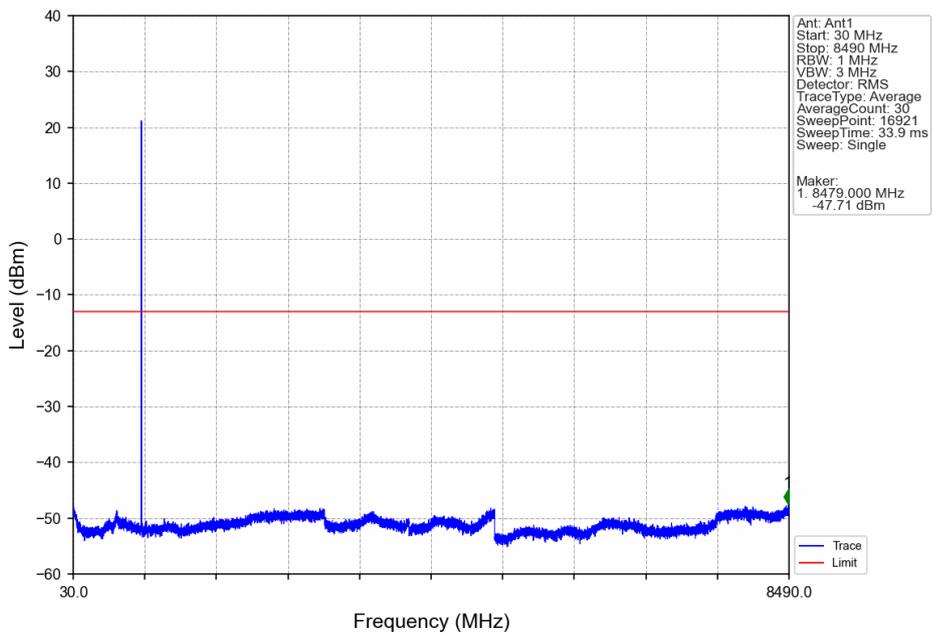
Test Report No.: PSU-NQN2504150110RF01

Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.926	-36.45	-13	Pass
823	824	0.031	CHP	2	823.994	-29.28	-13	Pass
824	827	0.031	CHP	/	/	/	/	/

Band5_3MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV

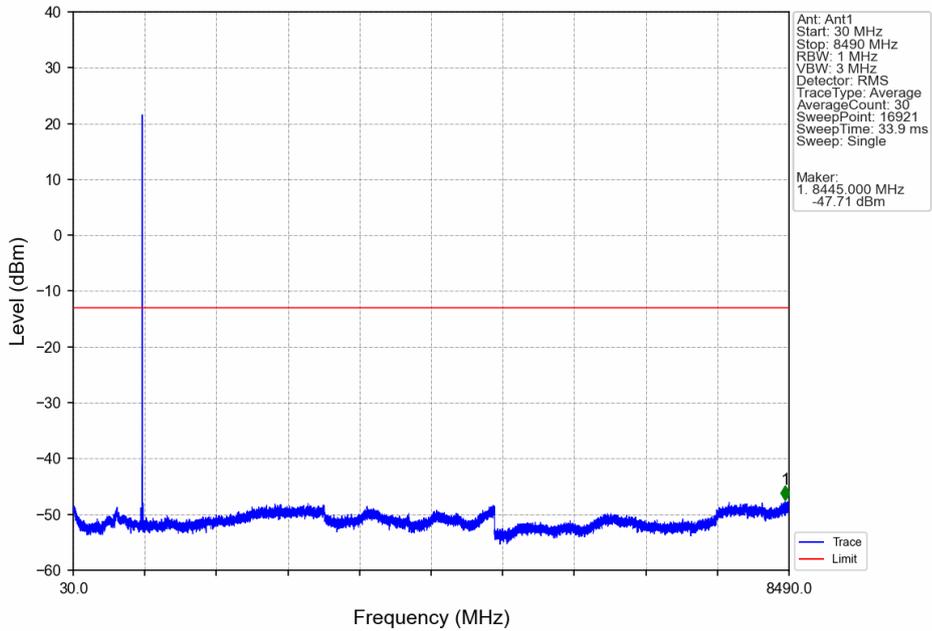




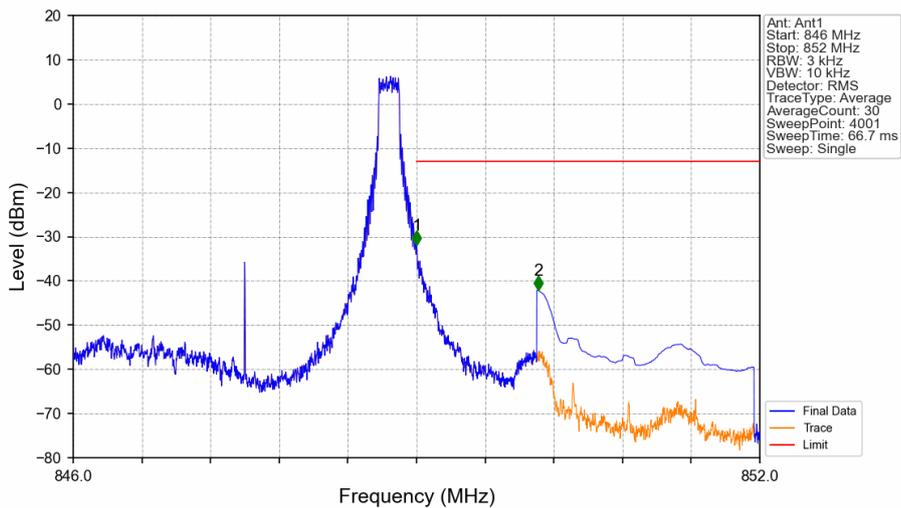
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VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV



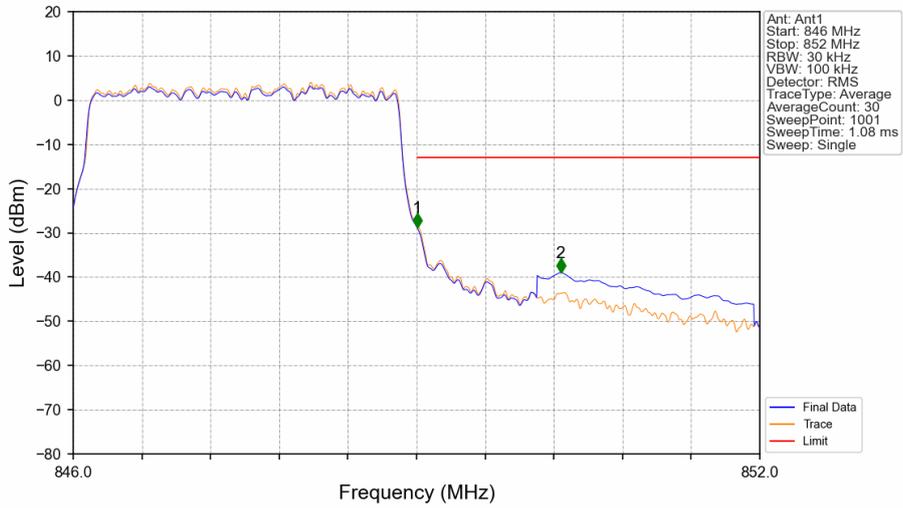
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-31.90	-13	Pass
850	852	0.1	CHP	2	850.063	-42.14	-13	Pass



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Test Report No.: PSU-NQN2504150110RF01

Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV

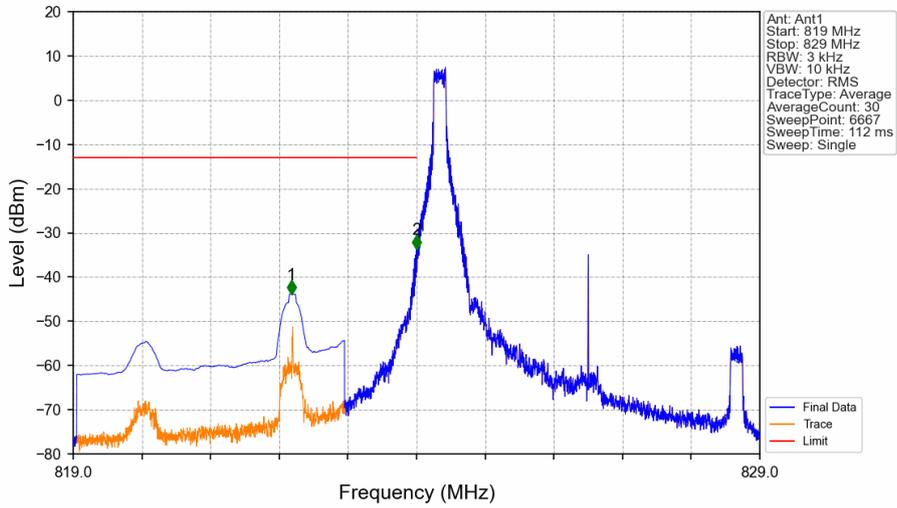


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.031	CHP	/	/	/	/	/
849	850	0.031	CHP	1	849.006	-28.81	-13	Pass
850	852	0.1	CHP	2	850.260	-38.96	-13	Pass



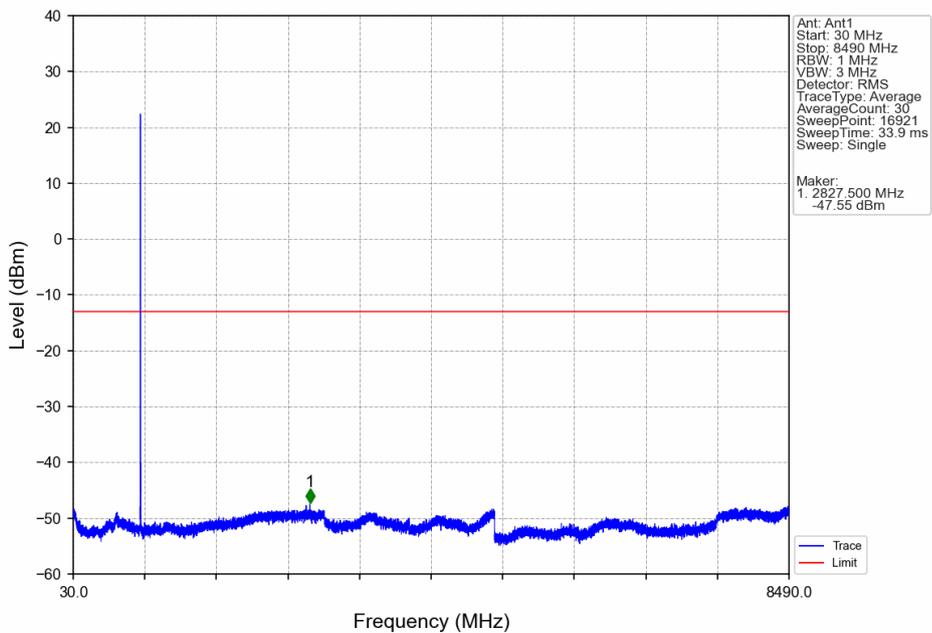
LTE_BAND 5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.174	-43.82	-13	Pass
823	824	0.003	/	2	823.999	-33.73	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

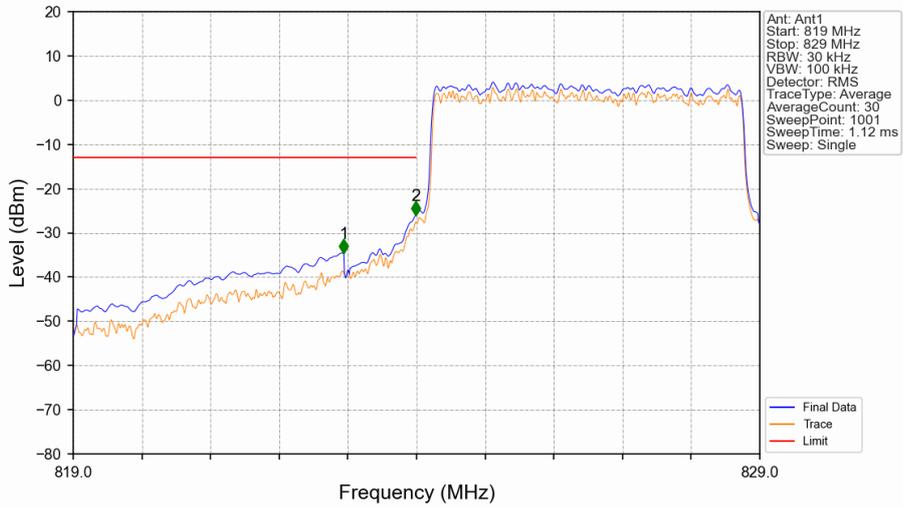




BUREAU VERITAS

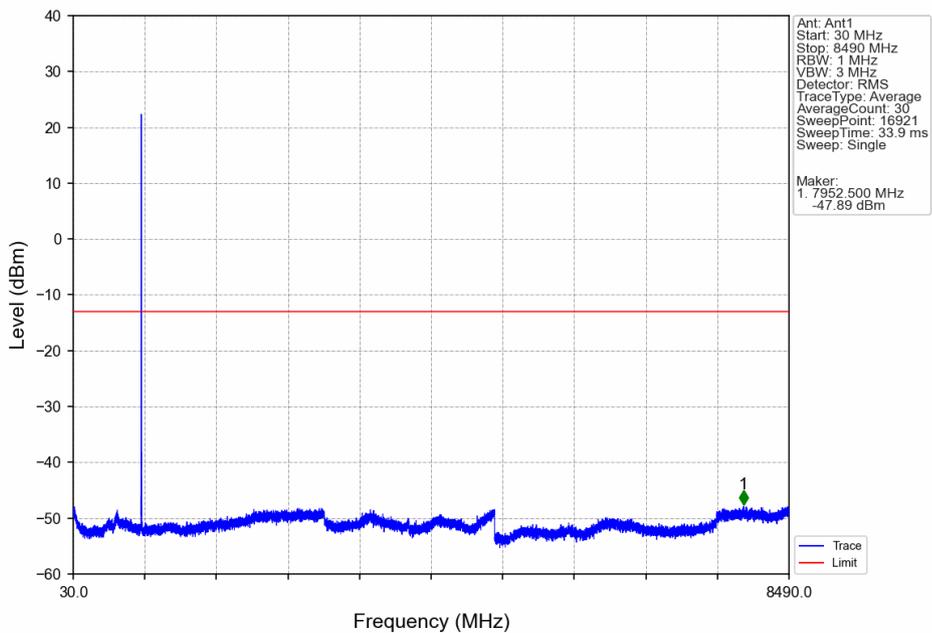
Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-34.56	-13	Pass
823	824	0.051	CHP	2	823.990	-25.98	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

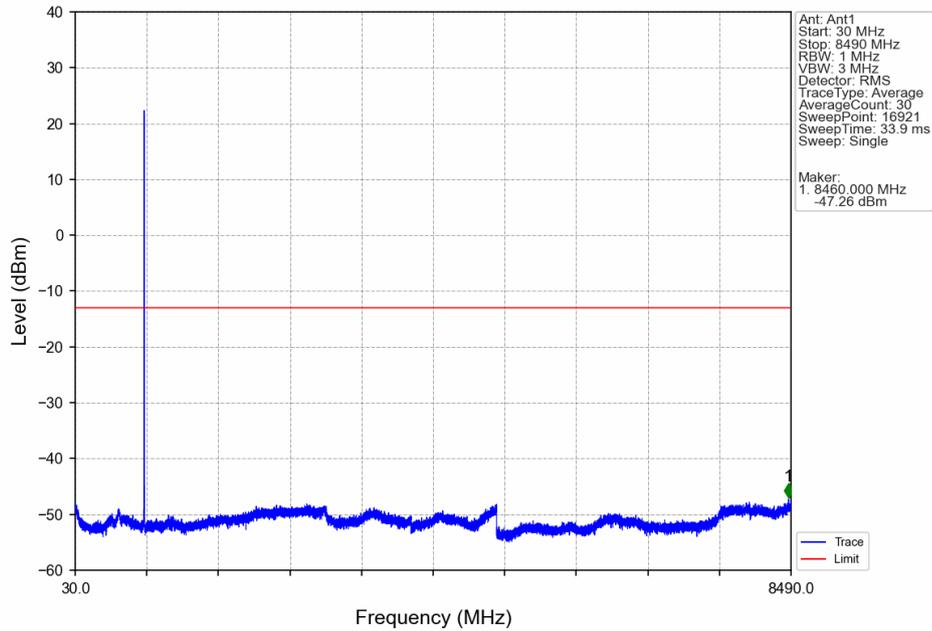




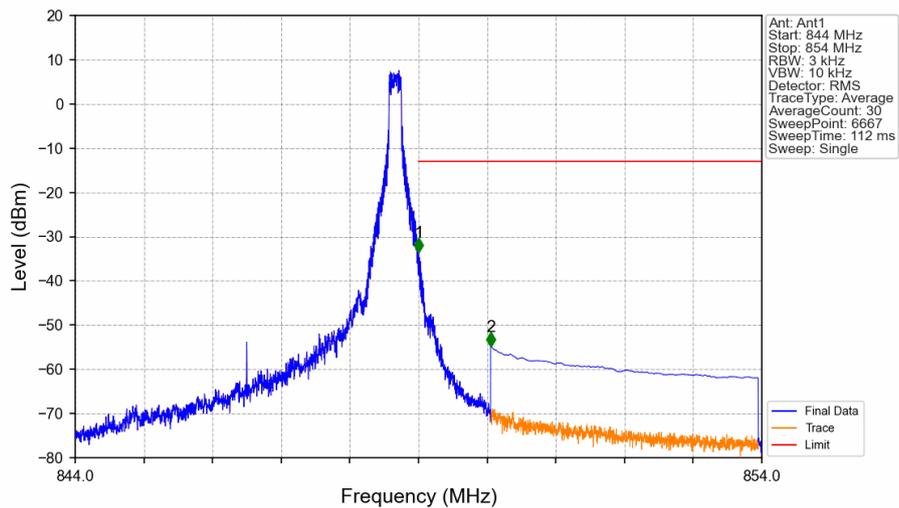
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VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



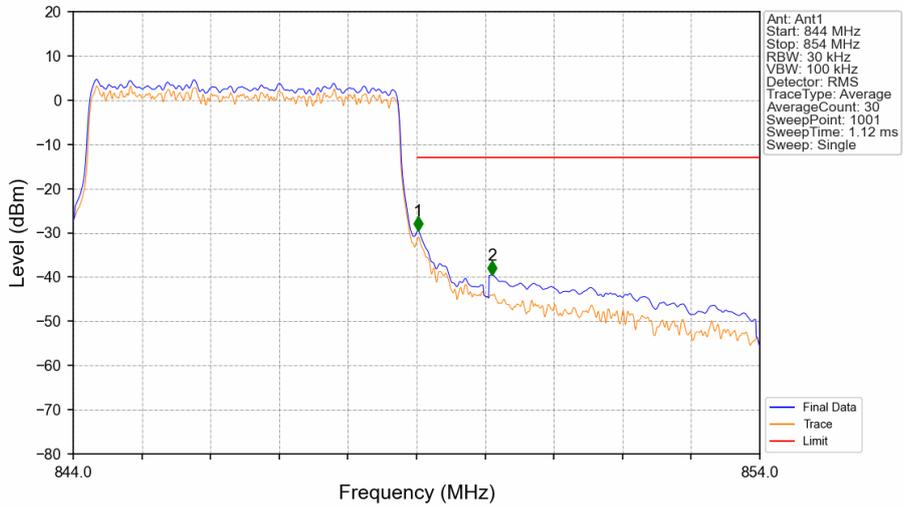
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.48	-13	Pass
850	854	0.1	CHP	2	850.050	-54.80	-13	Pass



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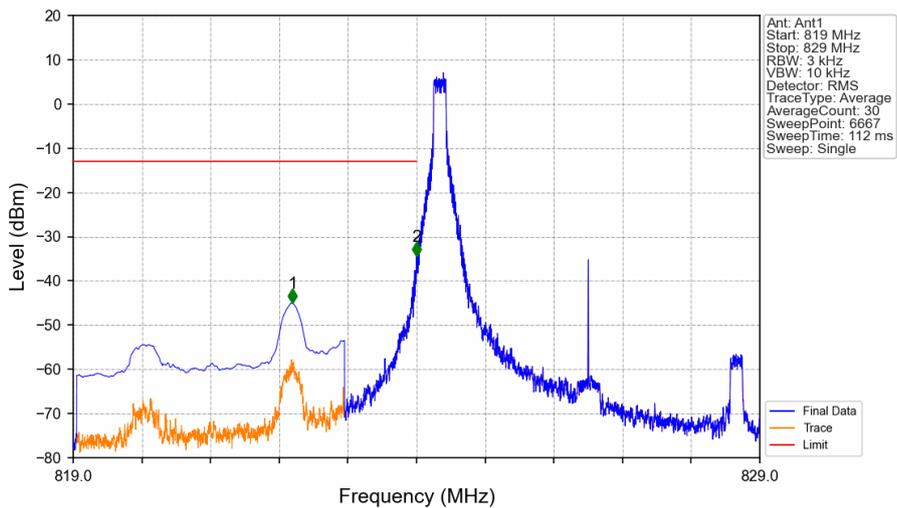
Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.052	CHP	/	/	/	/	/
849	850	0.052	CHP	1	849.020	-29.56	-13	Pass
850	854	0.1	CHP	2	850.100	-39.51	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



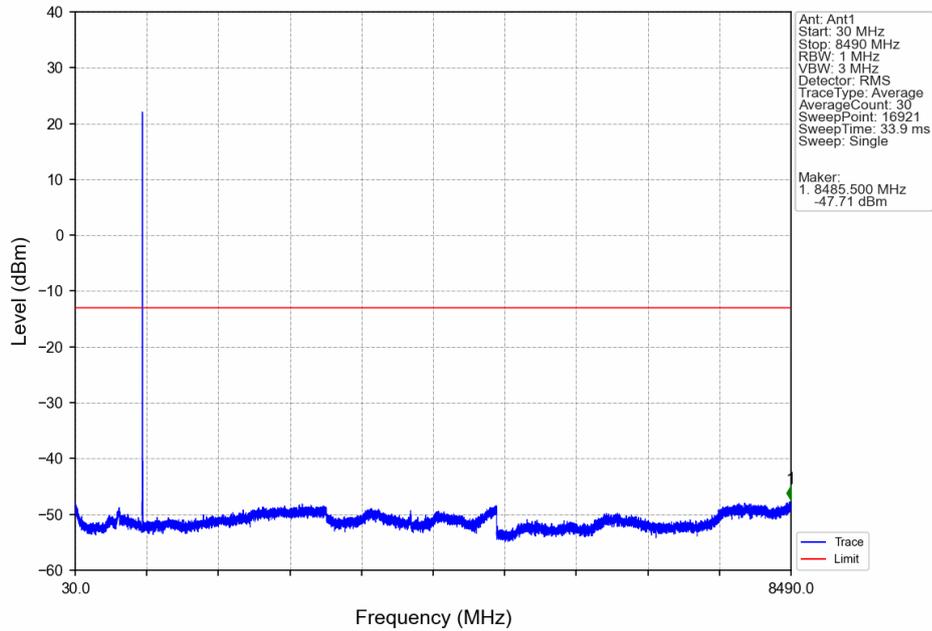
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.192	-45.04	-13	Pass
823	824	0.003	/	2	823.999	-34.38	-13	Pass
824	829	0.003	/	/	/	/	/	/



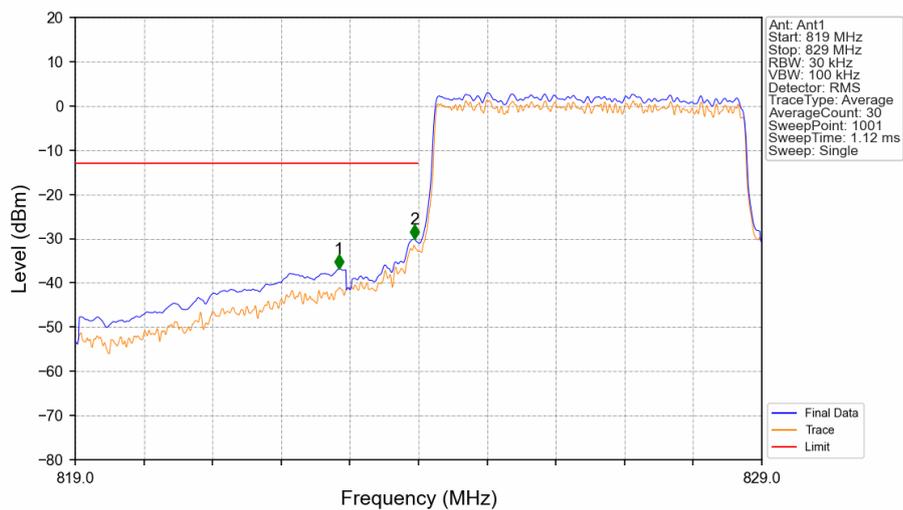
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VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



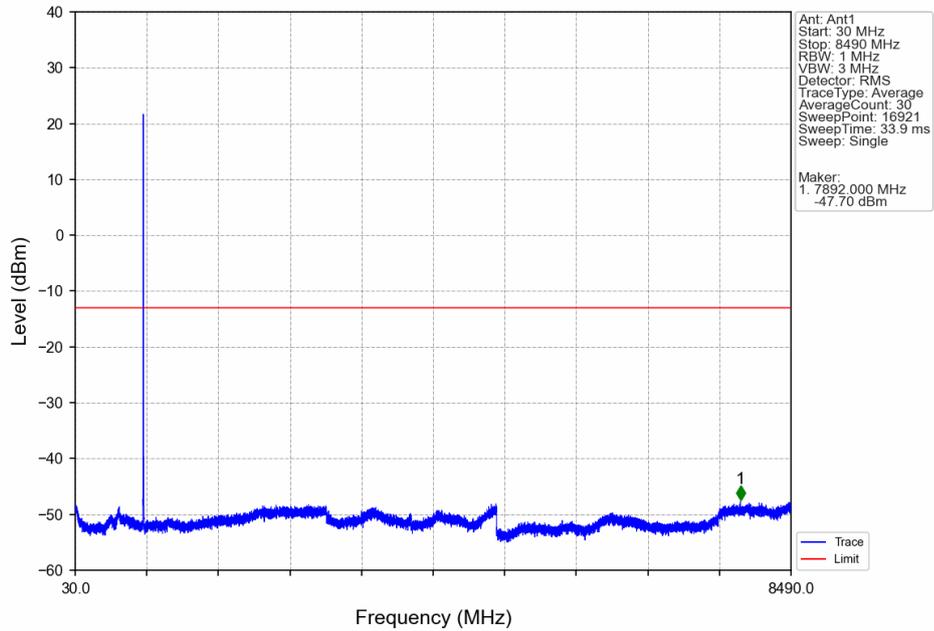
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.840	-36.80	-13	Pass
823	824	0.052	CHP	2	823.940	-30.08	-13	Pass
824	829	0.052	CHP	/	/	/	/	/



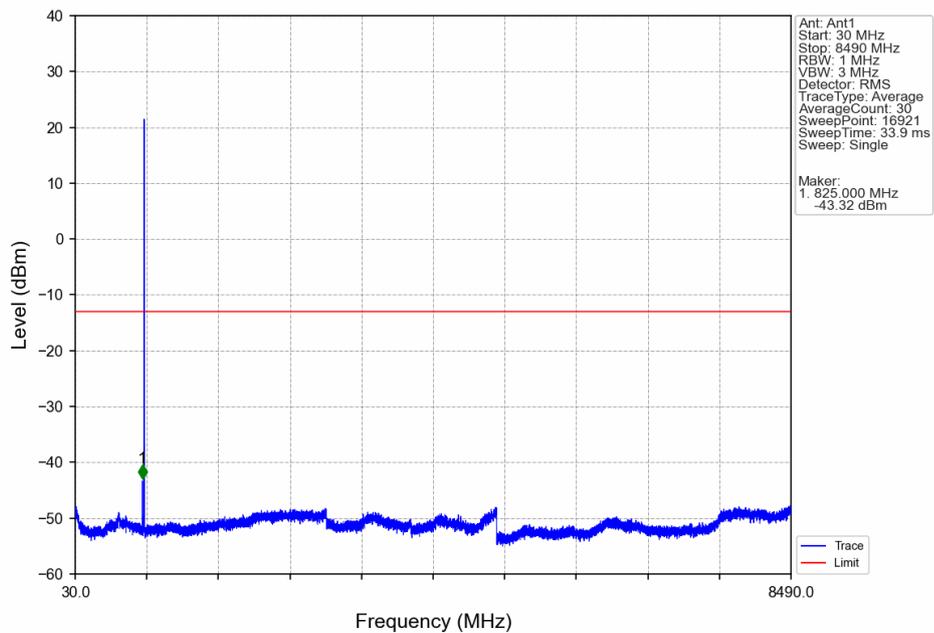
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VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

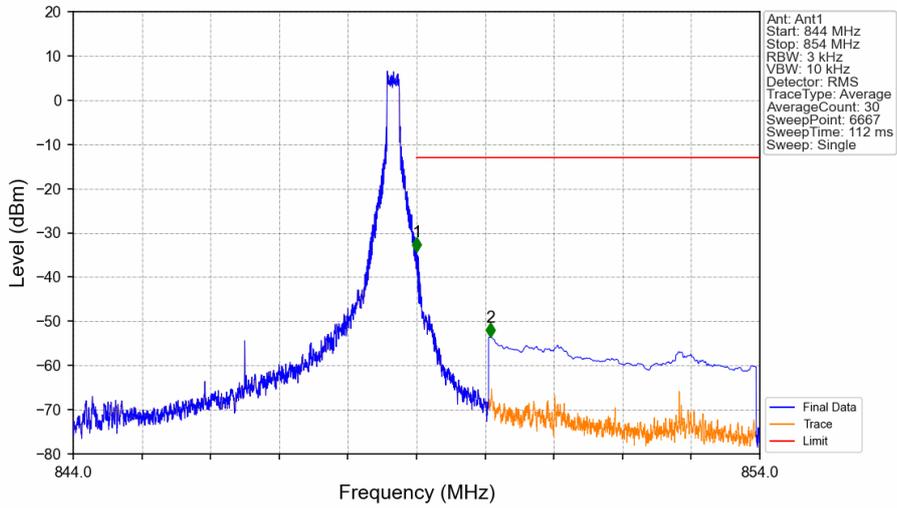




BUREAU VERITAS

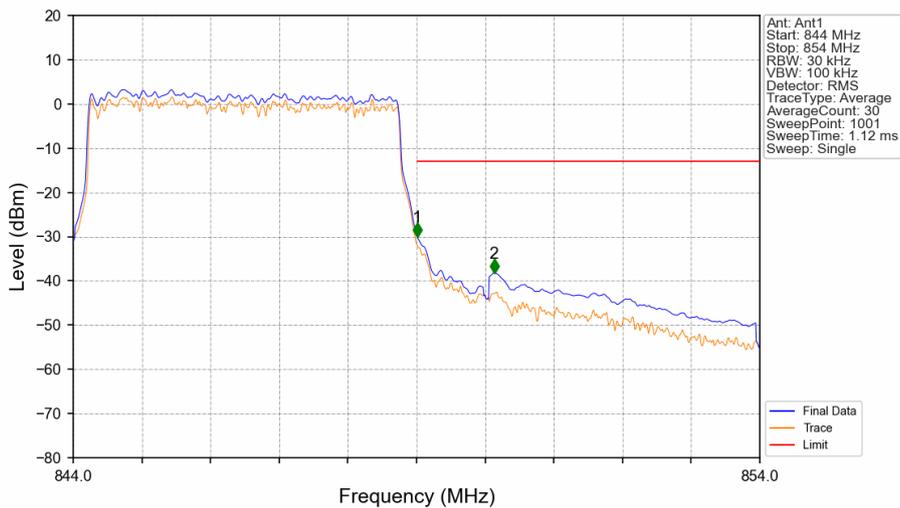
Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-34.21	-13	Pass
850	854	0.1	CHP	2	850.080	-53.53	-13	Pass

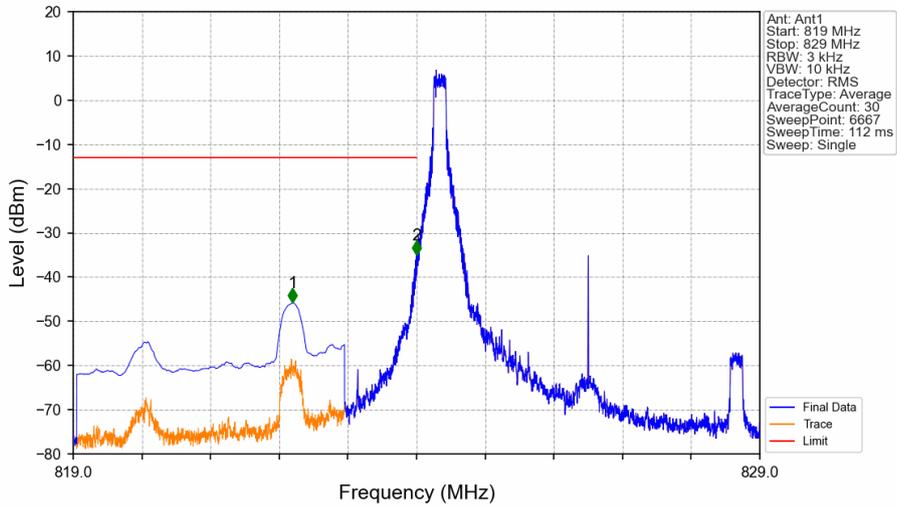
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.052	CHP	/	/	/	/	/
849	850	0.052	CHP	1	849.010	-30.12	-13	Pass
850	854	0.1	CHP	2	850.130	-38.17	-13	Pass

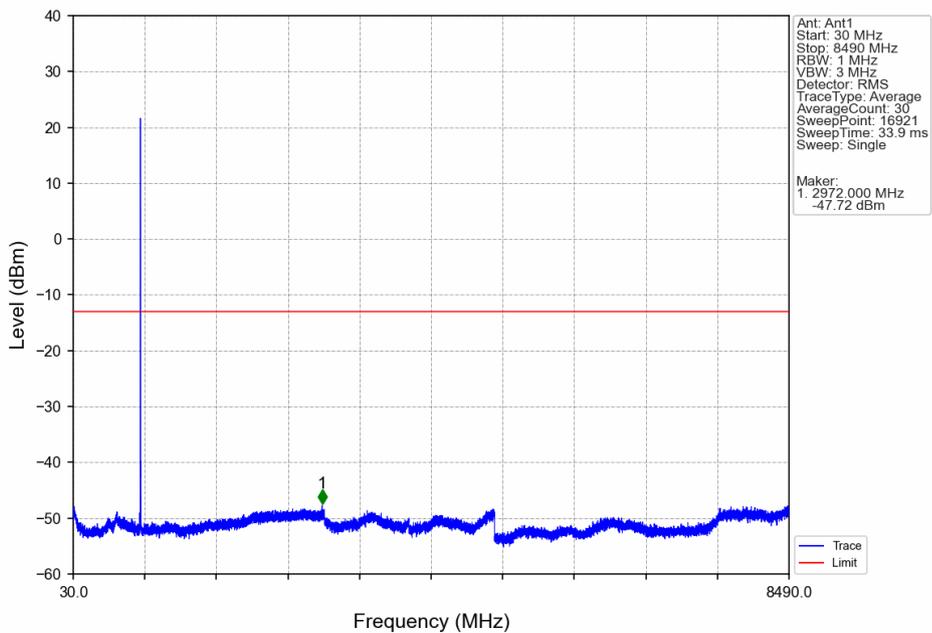


Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.194	-45.76	-13	Pass
823	824	0.003	/	2	823.999	-34.99	-13	Pass
824	829	0.003	/	/	/	/	/	/

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

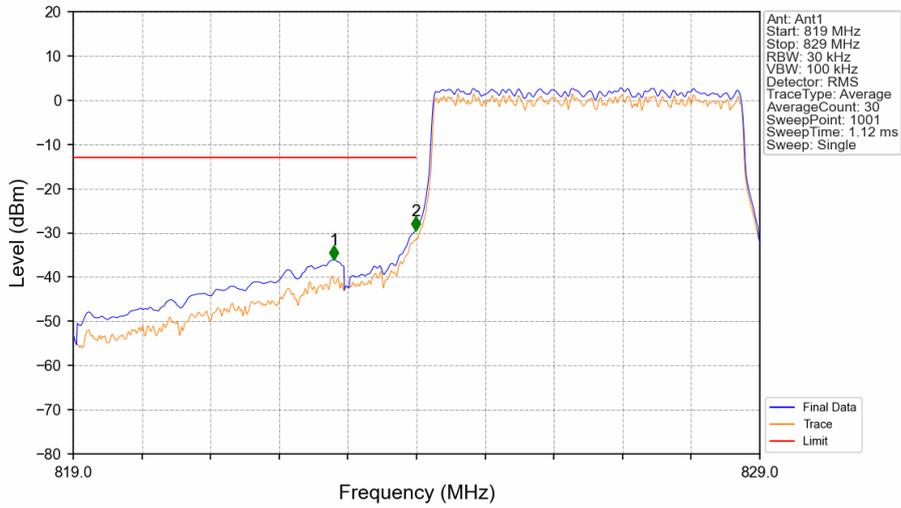




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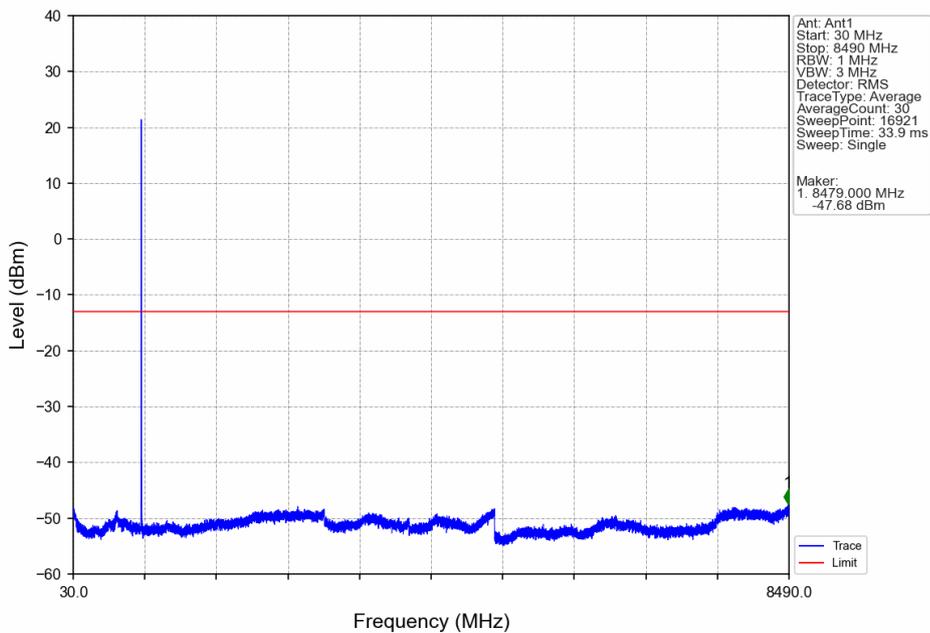
Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.800	-35.98	-13	Pass
823	824	0.052	CHP	2	823.990	-29.54	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV

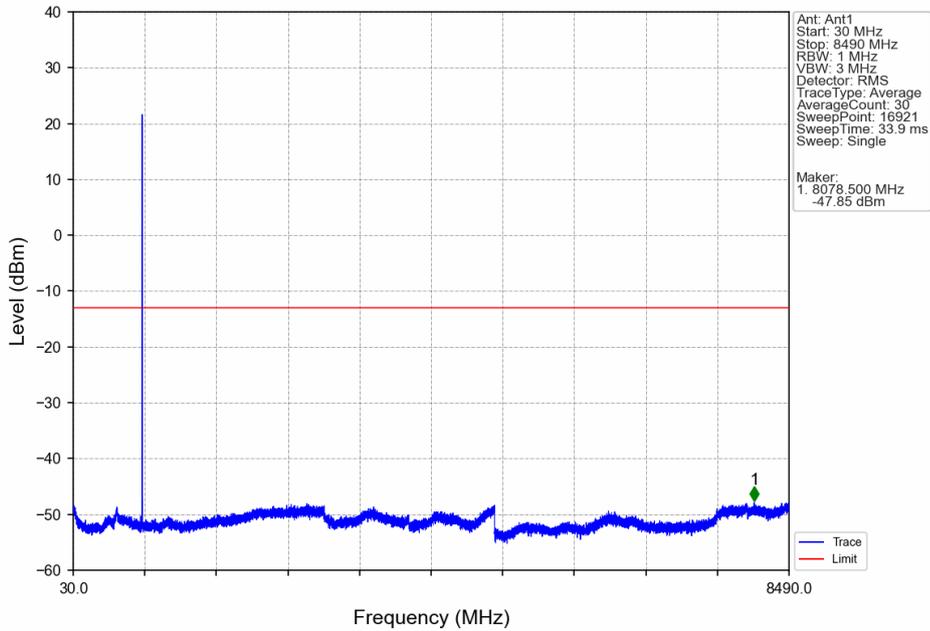




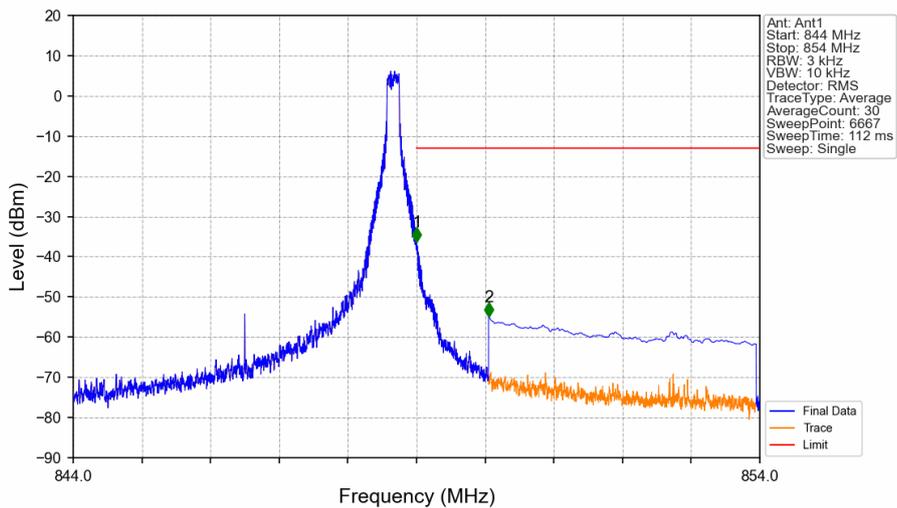
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VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV



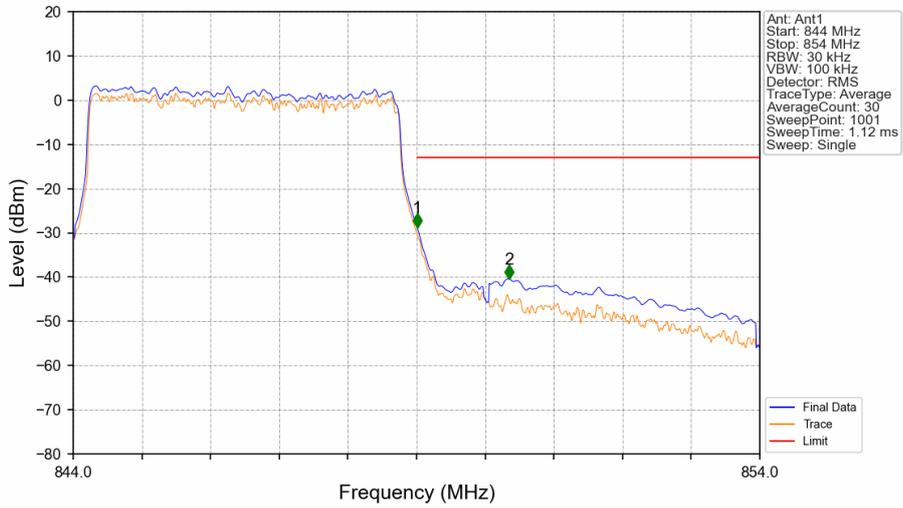
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-36.15	-13	Pass
850	854	0.1	CHP	2	850.050	-54.90	-13	Pass



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Test Report No.: PSU-NQN2504150110RF01

Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV

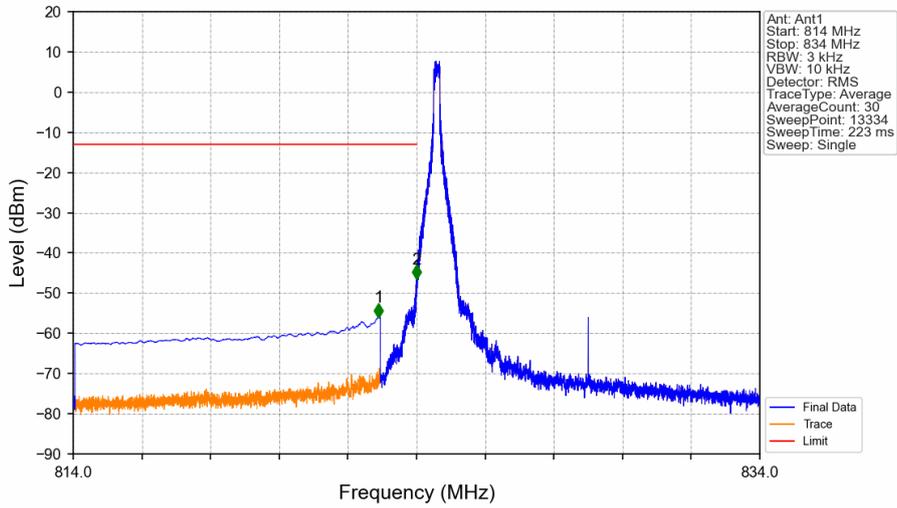


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-28.83	-13	Pass
850	854	0.1	CHP	2	850.350	-40.34	-13	Pass



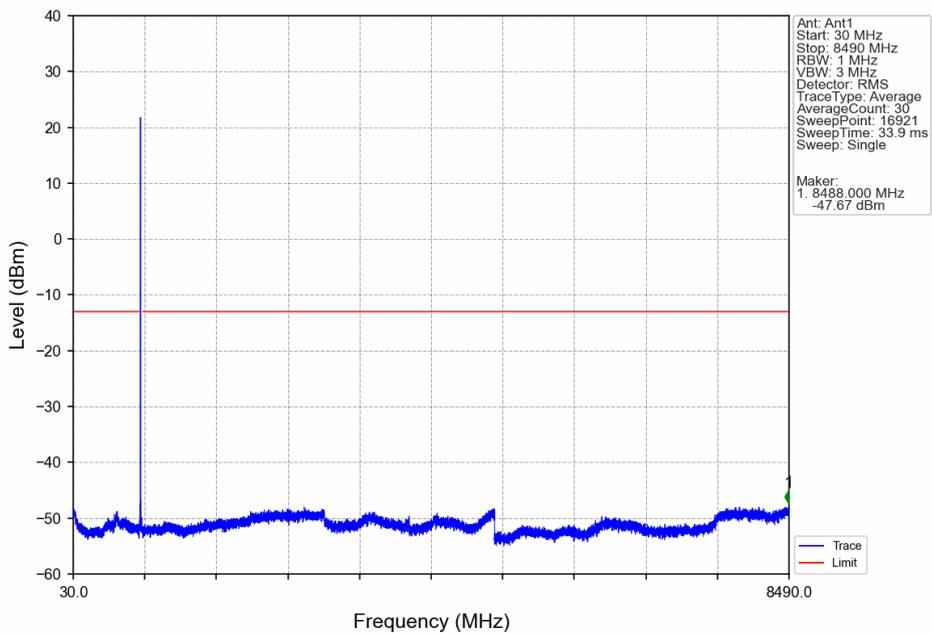
LTE_BAND 5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.891	-55.98	-13	Pass
823	824	0.003	/	2	823.998	-46.38	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

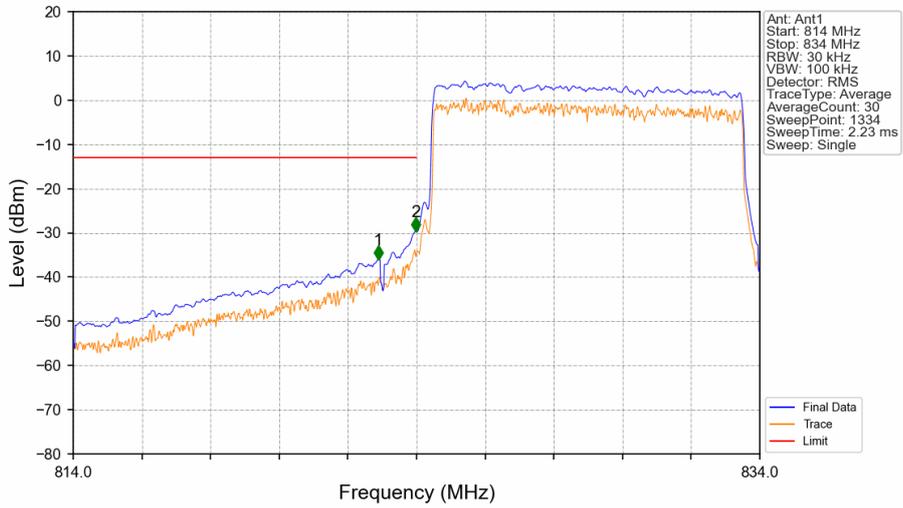




BUREAU VERITAS

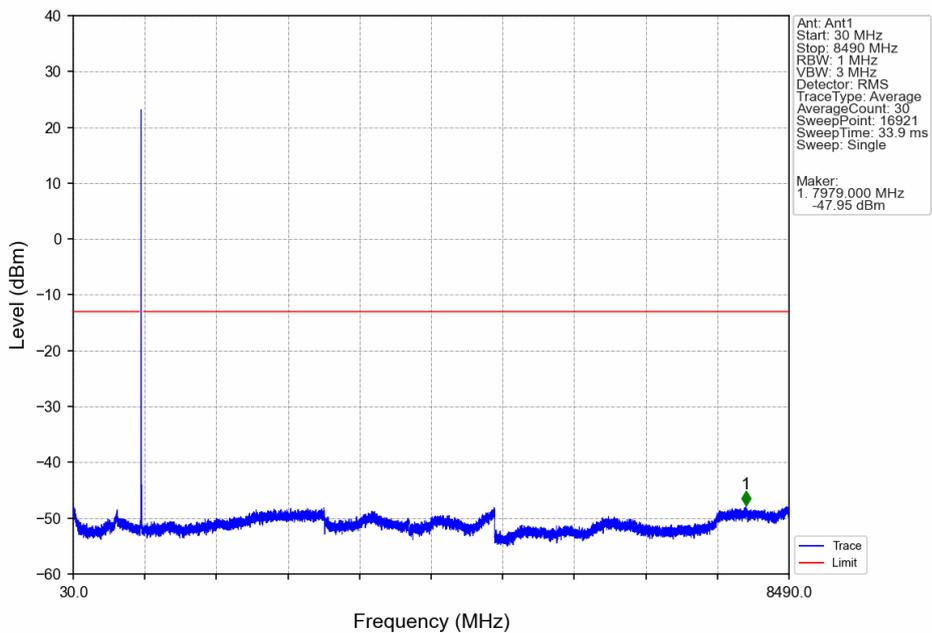
Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.882	-35.97	-13	Pass
823	824	0.099	CHP	2	823.977	-29.72	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV

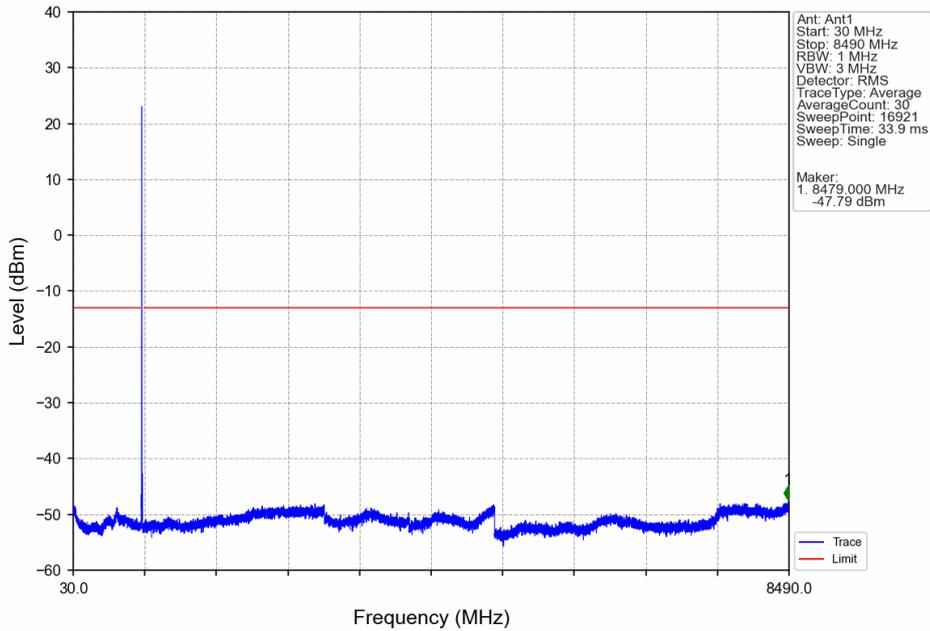




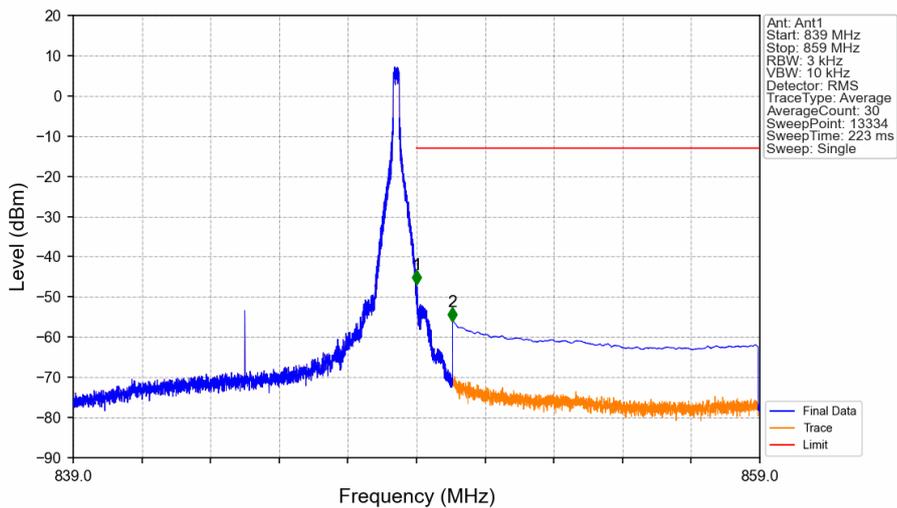
BUREAU VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



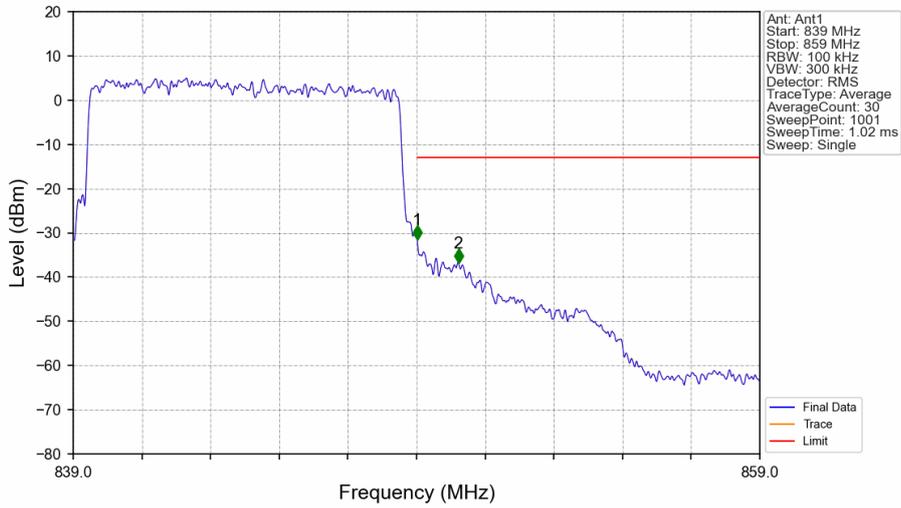
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-46.95	-13	Pass
850	859	0.1	CHP	2	850.051	-56.09	-13	Pass



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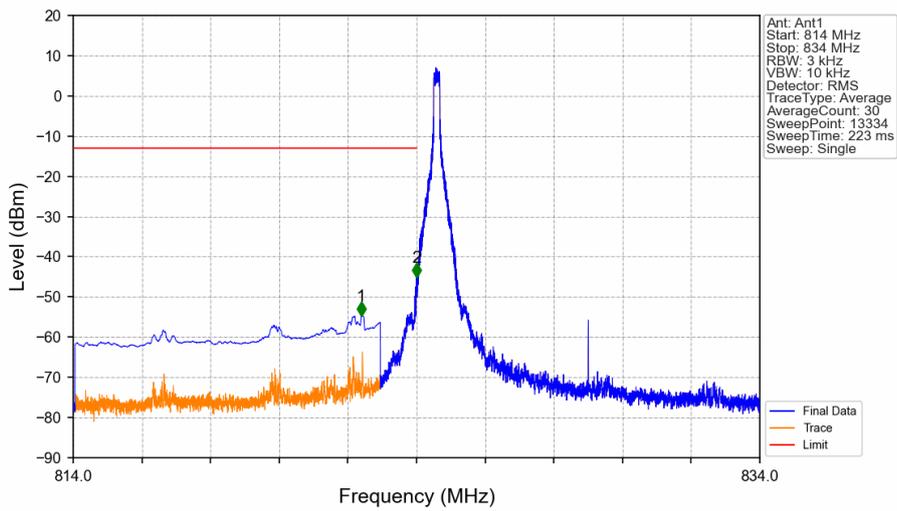
Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-31.49	-13	Pass
850	859	0.1	/	2	850.220	-36.69	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



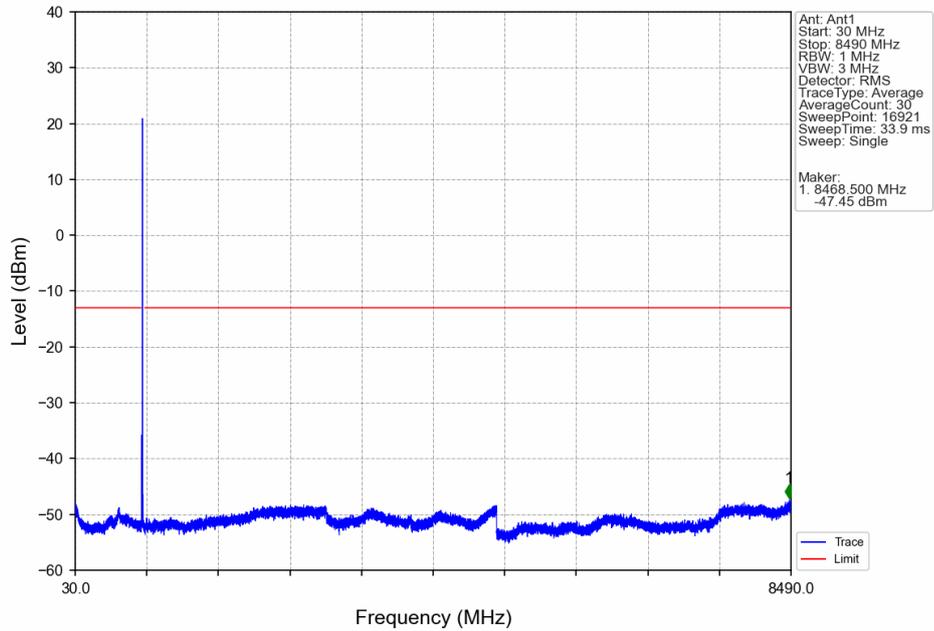
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.391	-54.62	-13	Pass
823	824	0.003	/	2	823.998	-45.10	-13	Pass
824	834	0.003	/	/	/	/	/	/



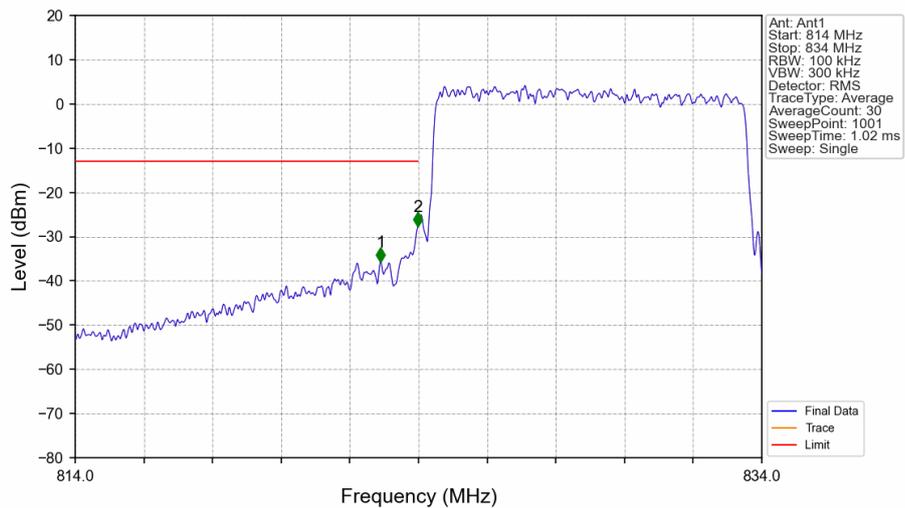
BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



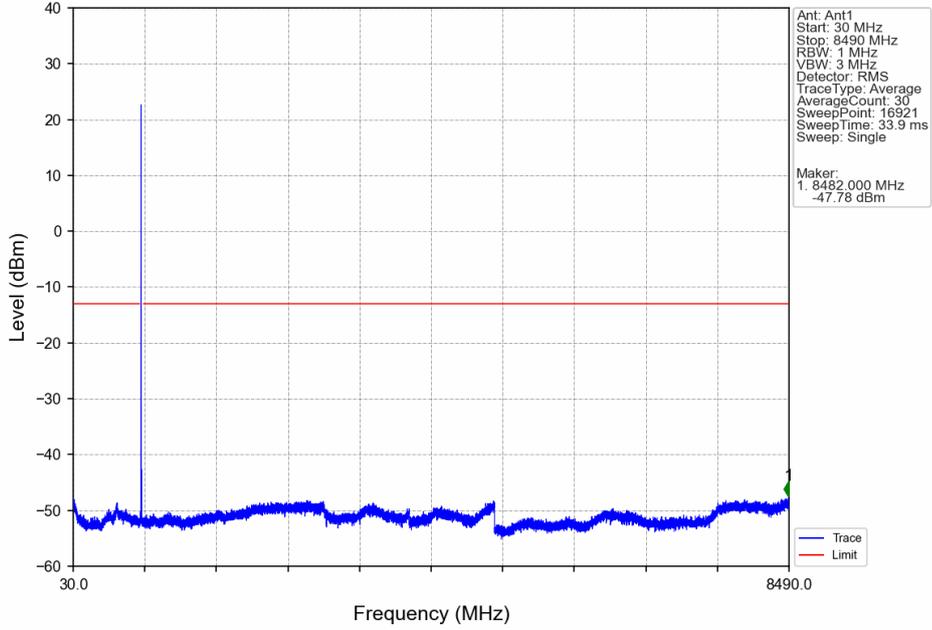
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.900	-35.67	-13	Pass
823	824	0.1	/	2	823.980	-27.74	-13	Pass
824	834	0.1	/	/	/	/	/	/



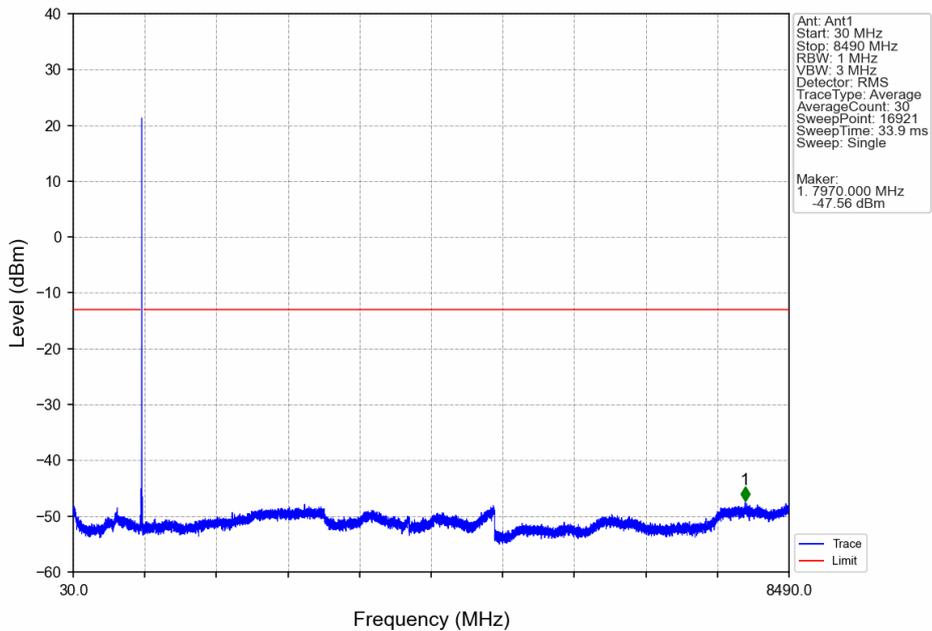
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Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV

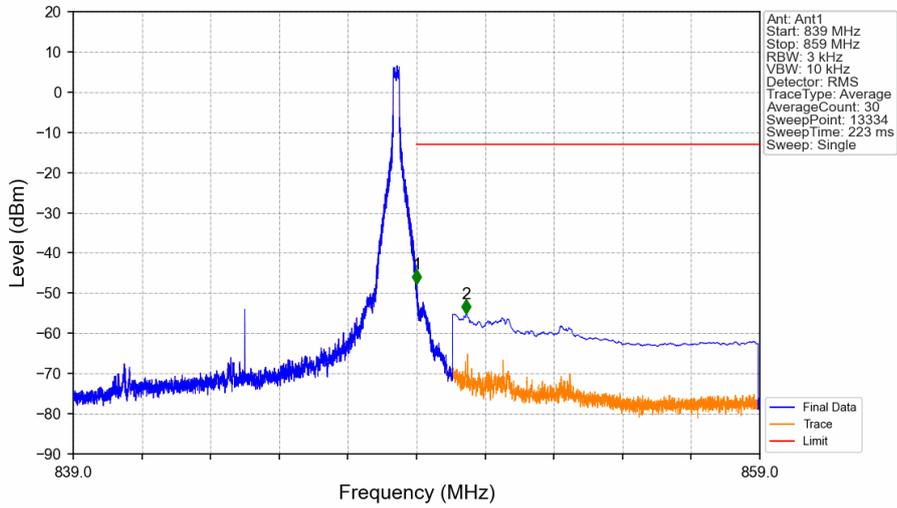


Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



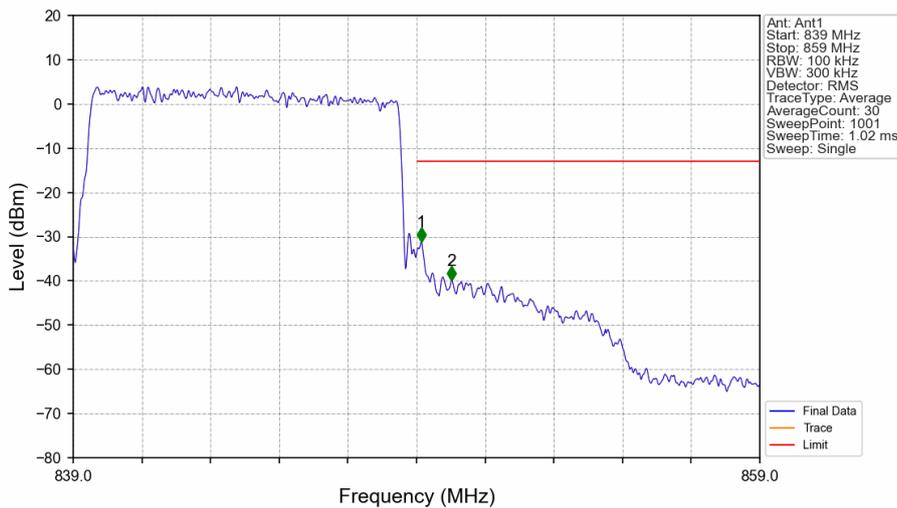


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.004	-47.70	-13	Pass
850	859	0.1	CHP	2	850.448	-55.17	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



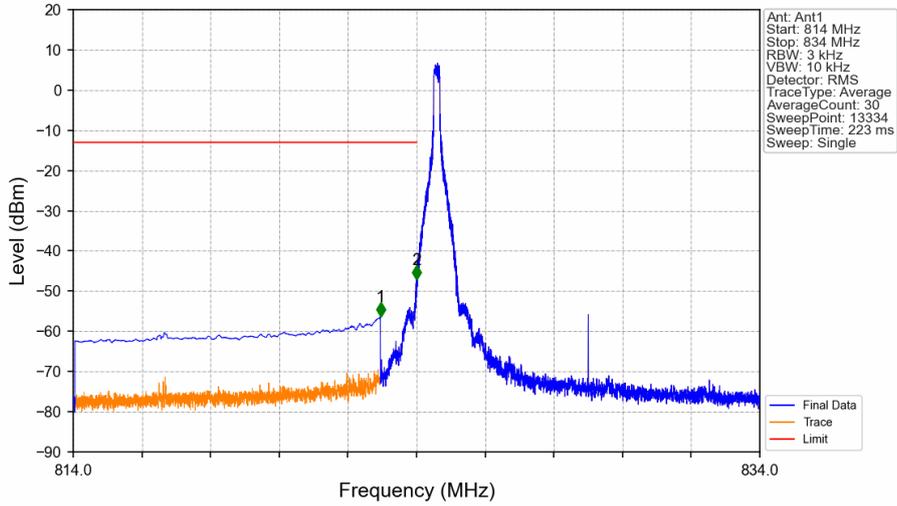
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.140	-31.11	-13	Pass
850	859	0.1	/	2	850.020	-39.84	-13	Pass



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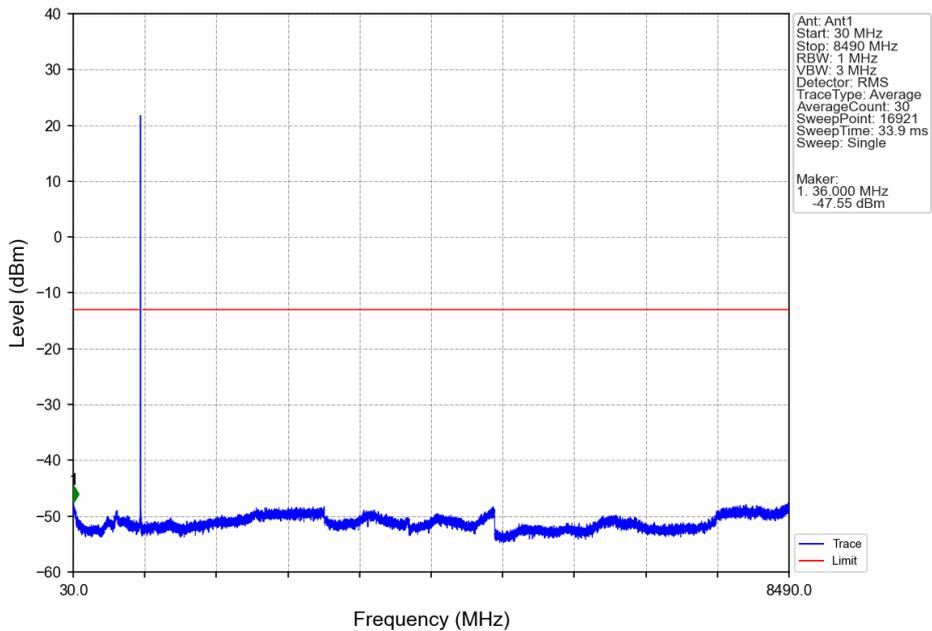
Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



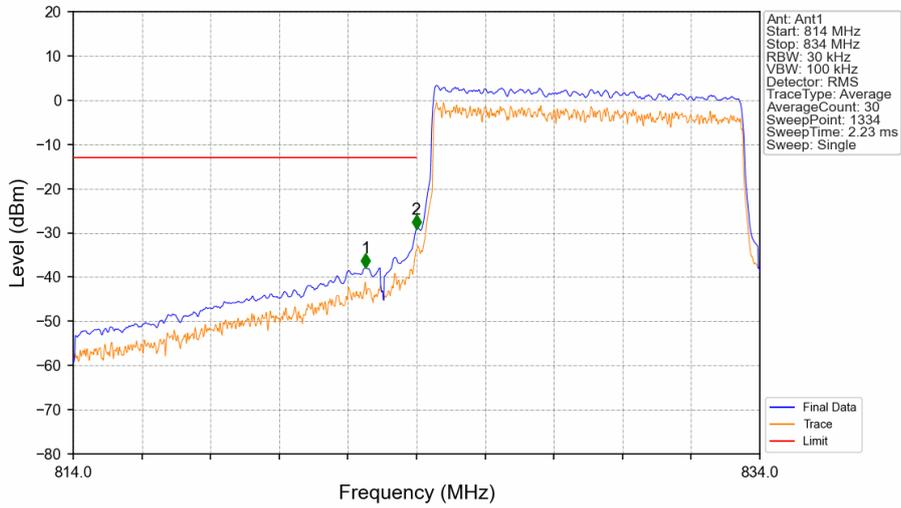
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.949	-56.33	-13	Pass
823	824	0.003	/	2	823.999	-47.04	-13	Pass
824	834	0.003	/	/	/	/	/	/

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



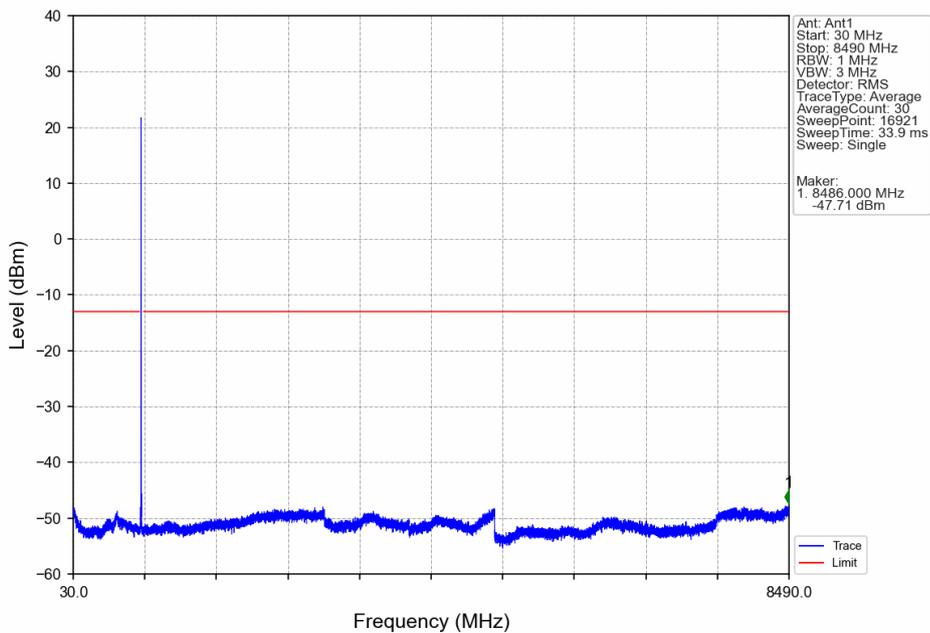


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.522	-37.83	-13	Pass
823	824	0.099	CHP	2	823.992	-29.14	-13	Pass
824	834	0.099	CHP	/	/	/	/	/

Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV

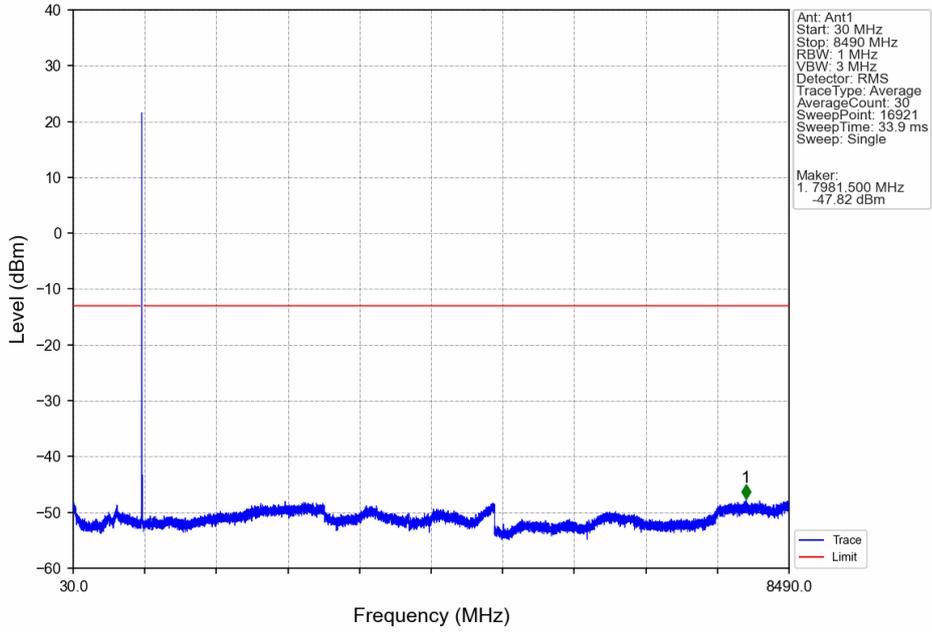




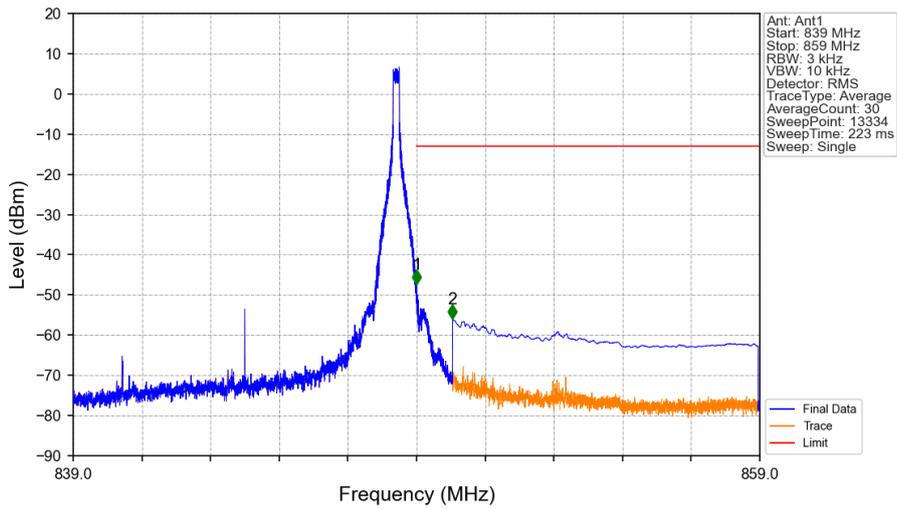
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Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_1_49_NTNV



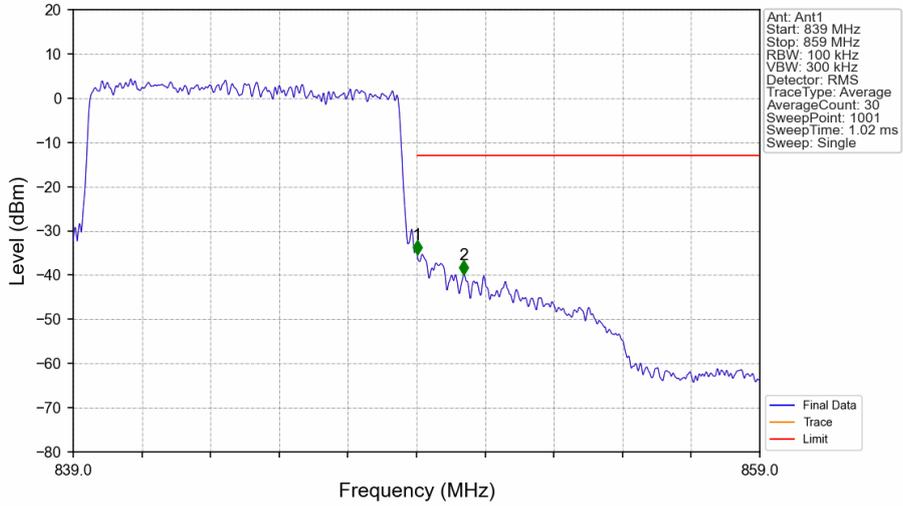
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-47.24	-13	Pass
850	859	0.1	CHP	2	850.051	-55.97	-13	Pass



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Test Report No.: PSU-NQN2504150110RF01

Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	850	0.1	/	1	849.020	-35.32	-13	Pass
850	859	0.1	/	2	850.380	-39.83	-13	Pass



FREQUENCY STABILITY

Test Result

LTE_BAND 5_1.4MHz

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	3.4	-13.500	-0.0164	-2.5 to 2.5	Pass	
					4	-8.500	-0.0103	-2.5 to 2.5	Pass	
					4.6	-10.500	-0.0127	-2.5 to 2.5	Pass	
				15	4	-7.600	-0.0092	-2.5 to 2.5	Pass	
					4	-5.900	-0.0072	-2.5 to 2.5	Pass	
					4	-6.300	-0.0076	-2.5 to 2.5	Pass	
	836.5	6	0	20	3.4	6.400	0.0077	-2.5 to 2.5	Pass	
					4	3.200	0.0038	-2.5 to 2.5	Pass	
					4.6	4.800	0.0057	-2.5 to 2.5	Pass	
				15	4	4.300	0.0051	-2.5 to 2.5	Pass	
					4	4.000	0.0048	-2.5 to 2.5	Pass	
					4	3.000	0.0036	-2.5 to 2.5	Pass	
	848.3	6	0	20	3.4	13.400	0.0158	-2.5 to 2.5	Pass	
					4	15.000	0.0177	-2.5 to 2.5	Pass	
					4.6	14.800	0.0174	-2.5 to 2.5	Pass	
				15	4	12.400	0.0146	-2.5 to 2.5	Pass	
					4	15.400	0.0182	-2.5 to 2.5	Pass	
					4	17.400	0.0205	-2.5 to 2.5	Pass	
	16QAM	824.7	6	0	20	3.4	-4.800	-0.0058	-2.5 to 2.5	Pass
						4	-4.200	-0.0051	-2.5 to 2.5	Pass
						4.6	-2.100	-0.0025	-2.5 to 2.5	Pass
					15	4	-1.800	-0.0022	-2.5 to 2.5	Pass
						4	-2.800	-0.0034	-2.5 to 2.5	Pass
						4	0.500	0.0006	-2.5 to 2.5	Pass
836.5		6	0	20	3.4	1.300	0.0016	-2.5 to 2.5	Pass	
					4	2.700	0.0032	-2.5 to 2.5	Pass	
					4.6	1.400	0.0017	-2.5 to 2.5	Pass	
				15	4	-0.500	-0.0006	-2.5 to 2.5	Pass	
					4	0.800	0.0010	-2.5 to 2.5	Pass	
					4	-0.500	-0.0006	-2.5 to 2.5	Pass	
848.3		6	0	20	3.4	14.500	0.0171	-2.5 to 2.5	Pass	
					4	12.400	0.0146	-2.5 to 2.5	Pass	
					4.6	11.800	0.0139	-2.5 to 2.5	Pass	
				15	4	11.700	0.0138	-2.5 to 2.5	Pass	
					4	8.500	0.0100	-2.5 to 2.5	Pass	
					4	10.400	0.0123	-2.5 to 2.5	Pass	
64QAM		824.7	6	0	20	3.4	-31.2000	-0.0378	-2.5 to 2.5	Pass
						4	-53.0000	-0.0643	-2.5 to 2.5	Pass
						4.6	31.3000	0.0380	-2.5 to 2.5	Pass
					15	4	-62.8000	-0.0761	-2.5 to 2.5	Pass
						4	32.4000	0.0393	-2.5 to 2.5	Pass
						4	-76.7000	-0.0930	-2.5 to 2.5	Pass
	836.5	6	0	20	3.4	58.8000	0.0713	-2.5 to 2.5	Pass	
					4	-68.4000	-0.0818	-2.5 to 2.5	Pass	
					4.6	-32.9000	-0.0393	-2.5 to 2.5	Pass	
				15	4	71.8000	0.0858	-2.5 to 2.5	Pass	
					4	-32.9000	-0.0393	-2.5 to 2.5	Pass	
					4.6	71.8000	0.0858	-2.5 to 2.5	Pass	



				5	4	59.1000	0.0707	-2.5 to 2.5	Pass
				15	4	42.5000	0.0508	-2.5 to 2.5	Pass
				25	4	-28.3000	-0.0338	-2.5 to 2.5	Pass
				35	4	-59.1000	-0.0707	-2.5 to 2.5	Pass
	848.3	6	0	20	3.4	30.7000	0.0362	-2.5 to 2.5	Pass
					4	62.3000	0.0734	-2.5 to 2.5	Pass
					4.6	32.2000	0.0380	-2.5 to 2.5	Pass
				5	4	27.2000	0.0321	-2.5 to 2.5	Pass
				15	4	60.4000	0.0712	-2.5 to 2.5	Pass
				25	4	-21.4000	-0.0252	-2.5 to 2.5	Pass
				35	4	-68.3000	-0.0805	-2.5 to 2.5	Pass

LTE_BAND 5_3MHz

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	3.4	0.100	0.0001	-2.5 to 2.5	Pass
					4	1.500	0.0018	-2.5 to 2.5	Pass
					4.6	2.300	0.0028	-2.5 to 2.5	Pass
				5	4	2.400	0.0029	-2.5 to 2.5	Pass
				15	4	-0.400	-0.0005	-2.5 to 2.5	Pass
				25	4	1.700	0.0021	-2.5 to 2.5	Pass
				35	4	3.600	0.0044	-2.5 to 2.5	Pass
	836.5	15	0	20	3.4	-1.200	-0.0014	-2.5 to 2.5	Pass
					4	-2.300	-0.0027	-2.5 to 2.5	Pass
					4.6	-2.300	-0.0027	-2.5 to 2.5	Pass
				5	4	-0.700	-0.0008	-2.5 to 2.5	Pass
				15	4	-0.700	-0.0008	-2.5 to 2.5	Pass
				25	4	-1.400	-0.0017	-2.5 to 2.5	Pass
	847.5	15	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					4	0.600	0.0007	-2.5 to 2.5	Pass
					4.6	2.000	0.0024	-2.5 to 2.5	Pass
				5	4	0.900	0.0011	-2.5 to 2.5	Pass
				15	4	0.300	0.0004	-2.5 to 2.5	Pass
				25	4	0.400	0.0005	-2.5 to 2.5	Pass
				35	4	0.500	0.0006	-2.5 to 2.5	Pass
	16QAM	825.5	15	0	20	3.4	0.200	0.0002	-2.5 to 2.5
4						1.100	0.0013	-2.5 to 2.5	Pass
4.6						2.100	0.0025	-2.5 to 2.5	Pass
5					4	0.300	0.0004	-2.5 to 2.5	Pass
15					4	1.900	0.0023	-2.5 to 2.5	Pass
25					4	0.200	0.0002	-2.5 to 2.5	Pass
836.5		15	0	20	3.4	1.000	0.0012	-2.5 to 2.5	Pass
					4	-2.400	-0.0029	-2.5 to 2.5	Pass
					4.6	-0.600	-0.0007	-2.5 to 2.5	Pass
				5	4	-0.600	-0.0007	-2.5 to 2.5	Pass
				15	4	-2.000	-0.0024	-2.5 to 2.5	Pass
				25	4	0.200	0.0002	-2.5 to 2.5	Pass
				35	4	-1.700	-0.0020	-2.5 to 2.5	Pass
847.5		15	0	20	3.4	1.500	0.0018	-2.5 to 2.5	Pass
					4	0.800	0.0009	-2.5 to 2.5	Pass
					4.6	0.000	0.0000	-2.5 to 2.5	Pass
				5	4	-1.100	-0.0013	-2.5 to 2.5	Pass
				15	4	-0.200	-0.0002	-2.5 to 2.5	Pass
				25	4	1.800	0.0021	-2.5 to 2.5	Pass
				35	4	-0.300	-0.0004	-2.5 to 2.5	Pass
64QAM		825.5	15	0	20	3.4	-76.0000	-0.0921	-2.5 to 2.5
	4					-12.3000	-0.0149	-2.5 to 2.5	Pass



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Test Report No.: PSU-NQN2504150110RF01

				4.6	4.6	-40.6000	-0.0492	-2.5 to 2.5	Pass	
				5	4	-18.5000	-0.0224	-2.5 to 2.5	Pass	
				15	4	-5.1000	-0.0062	-2.5 to 2.5	Pass	
				25	4	-4.4000	-0.0053	-2.5 to 2.5	Pass	
				35	4	11.1000	0.0134	-2.5 to 2.5	Pass	
	836.5	15	0	20	3.4	40.1000	0.0479	-2.5 to 2.5	Pass	
					4	-71.5000	-0.0855	-2.5 to 2.5	Pass	
					4.6	63.0000	0.0753	-2.5 to 2.5	Pass	
					5	4	-74.7000	-0.0893	-2.5 to 2.5	Pass
					15	4	-46.3000	-0.0553	-2.5 to 2.5	Pass
	847.5	15	0	20	25	4	6.3000	0.0075	-2.5 to 2.5	Pass
					35	4	26.2000	0.0313	-2.5 to 2.5	Pass
					3.4	-63.4000	-0.0748	-2.5 to 2.5	Pass	
					4	-72.5000	-0.0855	-2.5 to 2.5	Pass	
					4.6	38.6000	0.0455	-2.5 to 2.5	Pass	
					5	4	56.1000	0.0662	-2.5 to 2.5	Pass
					15	4	44.1000	0.0520	-2.5 to 2.5	Pass
					25	4	15.1000	0.0178	-2.5 to 2.5	Pass
35					4	44.9000	0.0530	-2.5 to 2.5	Pass	

LTE_BAND 5_5MHz

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	3.4	-2.100	-0.0025	-2.5 to 2.5	Pass	
					4	-1.800	-0.0022	-2.5 to 2.5	Pass	
					4.6	-0.200	-0.0002	-2.5 to 2.5	Pass	
				20	5	4	0.400	0.0005	-2.5 to 2.5	Pass
					15	4	-0.700	-0.0008	-2.5 to 2.5	Pass
					25	4	-0.400	-0.0005	-2.5 to 2.5	Pass
	836.5	25	0	20	35	4	0.600	0.0007	-2.5 to 2.5	Pass
					3.4	-2.500	-0.0030	-2.5 to 2.5	Pass	
					4	-0.500	-0.0006	-2.5 to 2.5	Pass	
				20	4.6	-3.500	-0.0042	-2.5 to 2.5	Pass	
					5	4	-1.800	-0.0022	-2.5 to 2.5	Pass
					15	4	-1.700	-0.0020	-2.5 to 2.5	Pass
	846.5	25	0	20	25	4	0.100	0.0001	-2.5 to 2.5	Pass
					35	4	-1.100	-0.0013	-2.5 to 2.5	Pass
					3.4	1.600	0.0019	-2.5 to 2.5	Pass	
				20	4	0.300	0.0004	-2.5 to 2.5	Pass	
					4.6	3.800	0.0045	-2.5 to 2.5	Pass	
					5	4	1.000	0.0012	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	15	4	1.900	0.0022	-2.5 to 2.5	Pass
					25	4	2.600	0.0031	-2.5 to 2.5	Pass
					35	4	1.600	0.0019	-2.5 to 2.5	Pass
				20	3.4	-1.300	-0.0016	-2.5 to 2.5	Pass	
					4	0.200	0.0002	-2.5 to 2.5	Pass	
					4.6	-0.200	-0.0002	-2.5 to 2.5	Pass	
	836.5	25	0	20	5	4	2.000	0.0024	-2.5 to 2.5	Pass
					15	4	-2.200	-0.0027	-2.5 to 2.5	Pass
					25	4	-1.000	-0.0012	-2.5 to 2.5	Pass
				20	35	4	-1.800	-0.0022	-2.5 to 2.5	Pass
					3.4	-1.800	-0.0022	-2.5 to 2.5	Pass	
					4	-1.100	-0.0013	-2.5 to 2.5	Pass	
846.5	25	0	20	4.6	-0.700	-0.0008	-2.5 to 2.5	Pass		
				5	4	-1.000	-0.0012	-2.5 to 2.5	Pass	
				15	4	-0.700	-0.0008	-2.5 to 2.5	Pass	
			20	25	4	-1.400	-0.0017	-2.5 to 2.5	Pass	
				35	4	0.200	0.0002	-2.5 to 2.5	Pass	
				3.4	3.000	0.0035	-2.5 to 2.5	Pass		
				20	4	0.500	0.0006	-2.5 to 2.5	Pass	
					4.6	2.500	0.0030	-2.5 to 2.5	Pass	



				5	4	1.300	0.0015	-2.5 to 2.5	Pass
				15	4	1.600	0.0019	-2.5 to 2.5	Pass
				25	4	0.500	0.0006	-2.5 to 2.5	Pass
				35	4	2.100	0.0025	-2.5 to 2.5	Pass
64QAM	826.5	25	0	20	3.4	27.5000	0.0333	-2.5 to 2.5	Pass
					4	16.6000	0.0201	-2.5 to 2.5	Pass
					4.6	-4.2000	-0.0051	-2.5 to 2.5	Pass
				5	4	11.4000	0.0138	-2.5 to 2.5	Pass
				15	4	-21.7000	-0.0263	-2.5 to 2.5	Pass
				25	4	61.7000	0.0747	-2.5 to 2.5	Pass
				35	4	66.0000	0.0799	-2.5 to 2.5	Pass
				836.5	25	0	20	3.4	-14.3000
	4	71.4000	0.0854					-2.5 to 2.5	Pass
	4.6	-44.7000	-0.0534					-2.5 to 2.5	Pass
	5	4	39.4000				0.0471	-2.5 to 2.5	Pass
	15	4	3.3000				0.0039	-2.5 to 2.5	Pass
	25	4	48.5000				0.0580	-2.5 to 2.5	Pass
	35	4	-51.1000				-0.0611	-2.5 to 2.5	Pass
	846.5	25	0				20	3.4	14.8000
				4	-14.0000	-0.0165		-2.5 to 2.5	Pass
				4.6	40.5000	0.0478		-2.5 to 2.5	Pass
				5	4	37.9000	0.0448	-2.5 to 2.5	Pass
				15	4	-68.9000	-0.0814	-2.5 to 2.5	Pass
				25	4	-33.6000	-0.0397	-2.5 to 2.5	Pass
				35	4	28.7000	0.0339	-2.5 to 2.5	Pass

LTE_BAND 5_10MHz

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	3.4	0.500	0.0006	-2.5 to 2.5	Pass	
					4	-1.900	-0.0023	-2.5 to 2.5	Pass	
					4.6	-0.200	-0.0002	-2.5 to 2.5	Pass	
				5	4	0.500	0.0006	-2.5 to 2.5	Pass	
				15	4	-0.200	-0.0002	-2.5 to 2.5	Pass	
				25	4	-1.800	-0.0022	-2.5 to 2.5	Pass	
				35	4	-1.200	-0.0014	-2.5 to 2.5	Pass	
				836.5	50	0	20	3.4	-2.100	-0.0025
	4	-1.800	-0.0022					-2.5 to 2.5	Pass	
	4.6	-0.700	-0.0008					-2.5 to 2.5	Pass	
	5	4	-1.700				-0.0020	-2.5 to 2.5	Pass	
	15	4	-2.300				-0.0027	-2.5 to 2.5	Pass	
	25	4	-2.700				-0.0032	-2.5 to 2.5	Pass	
	35	4	-0.600				-0.0007	-2.5 to 2.5	Pass	
	844	50	0				20	3.4	-3.500	-0.0041
				4	-2.100	-0.0025		-2.5 to 2.5	Pass	
				4.6	-2.400	-0.0028		-2.5 to 2.5	Pass	
				5	4	-1.800	-0.0021	-2.5 to 2.5	Pass	
				15	4	-2.200	-0.0026	-2.5 to 2.5	Pass	
				25	4	-2.700	-0.0032	-2.5 to 2.5	Pass	
				35	4	-0.700	-0.0008	-2.5 to 2.5	Pass	
				16QAM	829	50	0	20	3.4	-0.500
	4	-1.800	-0.0022						-2.5 to 2.5	Pass
	4.6	-1.400	-0.0017						-2.5 to 2.5	Pass
5	4	-0.800	-0.0010					-2.5 to 2.5	Pass	
15	4	0.400	0.0005					-2.5 to 2.5	Pass	
25	4	0.200	0.0002					-2.5 to 2.5	Pass	
35	4	-1.100	-0.0013		-2.5 to 2.5	Pass				
836.5	50	0	20		3.4	-1.200	-0.0014	-2.5 to 2.5	Pass	
					4	-2.500	-0.0030	-2.5 to 2.5	Pass	
					4.6	-1.500	-0.0018	-2.5 to 2.5	Pass	
			5		4	-2.700	-0.0032	-2.5 to 2.5	Pass	



				15	4	-1.600	-0.0019	-2.5 to 2.5	Pass
				25	4	-1.100	-0.0013	-2.5 to 2.5	Pass
				35	4	-2.100	-0.0025	-2.5 to 2.5	Pass
				20	3.4	-1.300	-0.0015	-2.5 to 2.5	Pass
					4	-1.700	-0.0020	-2.5 to 2.5	Pass
					4.6	-2.000	-0.0024	-2.5 to 2.5	Pass
				5	4	-1.800	-0.0021	-2.5 to 2.5	Pass
				15	4	-1.800	-0.0021	-2.5 to 2.5	Pass
				25	4	-1.400	-0.0017	-2.5 to 2.5	Pass
				35	4	-1.100	-0.0013	-2.5 to 2.5	Pass
64QAM	829	50	0	20	3.4	-62.8000	-0.0758	-2.5 to 2.5	Pass
					4	62.8000	0.0758	-2.5 to 2.5	Pass
					4.6	-29.4000	-0.0355	-2.5 to 2.5	Pass
				5	4	3.3000	0.0040	-2.5 to 2.5	Pass
				15	4	-58.8000	-0.0709	-2.5 to 2.5	Pass
				25	4	23.6000	0.0285	-2.5 to 2.5	Pass
				35	4	8.7000	0.0105	-2.5 to 2.5	Pass
	836.5	50	0	20	3.4	-18.3000	-0.0219	-2.5 to 2.5	Pass
					4	57.8000	0.0691	-2.5 to 2.5	Pass
					4.6	68.1000	0.0814	-2.5 to 2.5	Pass
				5	4	-60.6000	-0.0724	-2.5 to 2.5	Pass
				15	4	54.1000	0.0647	-2.5 to 2.5	Pass
				25	4	-63.9000	-0.0764	-2.5 to 2.5	Pass
	35	4	-4.7000	-0.0056	-2.5 to 2.5	Pass			
	844	50	0	20	3.4	-77.6000	-0.0919	-2.5 to 2.5	Pass
					4	-12.5000	-0.0148	-2.5 to 2.5	Pass
					4.6	19.8000	0.0235	-2.5 to 2.5	Pass
				5	4	-6.6000	-0.0078	-2.5 to 2.5	Pass
				15	4	50.1000	0.0594	-2.5 to 2.5	Pass
				25	4	-66.9000	-0.0793	-2.5 to 2.5	Pass
				35	4	-16.7000	-0.0198	-2.5 to 2.5	Pass

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