



Report No.: SZCR240100038408  
Rev.: 01  
Page: 1 of 290

# Appendix B.3

## LTE Band 5



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Report No.: SZCR240100038408

Rev.: 01

Page: 2 of 290

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 B5\_1.4MHz\_ERP

#### 1.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	824.7	1	0	23.18	2.1	23.13	<=38.45	Pass	
			2	23.17	2.1	23.12	<=38.45	Pass	
			5	23.15	2.1	23.1	<=38.45	Pass	
		3	0	23.26	2.1	23.21	<=38.45	Pass	
			2	23.35	2.1	23.3	<=38.45	Pass	
			3	23.24	2.1	23.19	<=38.45	Pass	
	6	0	22.29	2.1	22.24	<=38.45	Pass		
	836.5	1	0	23.18	2.1	23.13	<=38.45	Pass	
			2	23.24	2.1	23.19	<=38.45	Pass	
			5	23.15	2.1	23.1	<=38.45	Pass	
		3	0	23.21	2.1	23.16	<=38.45	Pass	
			2	23.27	2.1	23.22	<=38.45	Pass	
			3	23.23	2.1	23.18	<=38.45	Pass	
	6	0	22.17	2.1	22.12	<=38.45	Pass		
	848.3	1	0	23.29	2.1	23.24	<=38.45	Pass	
			2	23.39	2.1	23.34	<=38.45	Pass	
			5	23.28	2.1	23.23	<=38.45	Pass	
		3	0	23.27	2.1	23.22	<=38.45	Pass	
			2	23.35	2.1	23.3	<=38.45	Pass	
			3	23.34	2.1	23.29	<=38.45	Pass	
	6	0	22.34	2.1	22.29	<=38.45	Pass		
	16QAM	824.7	1	0	22.28	2.1	22.23	<=38.45	Pass
				2	22.35	2.1	22.3	<=38.45	Pass
				5	22.25	2.1	22.2	<=38.45	Pass
3			0	22.44	2.1	22.39	<=38.45	Pass	
			2	22.49	2.1	22.44	<=38.45	Pass	
			3	22.44	2.1	22.39	<=38.45	Pass	
6		0	21.31	2.1	21.26	<=38.45	Pass		
836.5		1	0	22.44	2.1	22.39	<=38.45	Pass	
			2	22.55	2.1	22.5	<=38.45	Pass	
			5	22.51	2.1	22.46	<=38.45	Pass	
		3	0	22.28	2.1	22.23	<=38.45	Pass	
			2	22.38	2.1	22.33	<=38.45	Pass	
			3	22.33	2.1	22.28	<=38.45	Pass	
6		0	21.26	2.1	21.21	<=38.45	Pass		
848.3		1	0	22.44	2.1	22.39	<=38.45	Pass	
			2	22.51	2.1	22.46	<=38.45	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 3 of 290

64QAM	824.7	3	5	22.50	2.1	22.45	<=38.45	Pass		
			0	22.41	2.1	22.36	<=38.45	Pass		
			2	22.51	2.1	22.46	<=38.45	Pass		
		6	3	3	22.37	2.1	22.32	<=38.45	Pass	
				0	21.29	2.1	21.24	<=38.45	Pass	
				1	0	21.27	2.1	21.22	<=38.45	Pass
	836.5	824.7	1	2	21.31	2.1	21.26	<=38.45	Pass	
				5	21.22	2.1	21.17	<=38.45	Pass	
				0	21.39	2.1	21.34	<=38.45	Pass	
			3	1	2	21.39	2.1	21.34	<=38.45	Pass
					3	21.37	2.1	21.32	<=38.45	Pass
					0	20.36	2.1	20.31	<=38.45	Pass
836.5		1	0	21.30	2.1	21.25	<=38.45	Pass		
				21.26	2.1	21.21	<=38.45	Pass		
				21.27	2.1	21.22	<=38.45	Pass		
		3	0	21.27	2.1	21.22	<=38.45	Pass		
				2	21.27	2.1	21.22	<=38.45	Pass	
				3	21.27	2.1	21.22	<=38.45	Pass	
848.3	1	0	21.39	2.1	21.34	<=38.45	Pass			
			21.36	2.1	21.31	<=38.45	Pass			
			21.38	2.1	21.33	<=38.45	Pass			
	3	0	21.37	2.1	21.32	<=38.45	Pass			
			2	21.36	2.1	21.31	<=38.45	Pass		
			3	21.40	2.1	21.35	<=38.45	Pass		
256QAM	824.7	1	0	18.55	2.1	18.5	<=38.45	Pass		
			2	18.66	2.1	18.61	<=38.45	Pass		
			5	18.59	2.1	18.54	<=38.45	Pass		
		3	0	18.53	2.1	18.48	<=38.45	Pass		
				2	18.48	2.1	18.43	<=38.45	Pass	
				3	18.53	2.1	18.48	<=38.45	Pass	
	836.5	1	0	18.40	2.1	18.35	<=38.45	Pass		
				18.52	2.1	18.47	<=38.45	Pass		
				18.69	2.1	18.64	<=38.45	Pass		
		3	0	18.65	2.1	18.6	<=38.45	Pass		
				18.45	2.1	18.4	<=38.45	Pass		
				2	18.52	2.1	18.47	<=38.45	Pass	
848.3	1	0	18.59	2.1	18.54	<=38.45	Pass			
			18.34	2.1	18.29	<=38.45	Pass			
			18.68	2.1	18.63	<=38.45	Pass			
	3	0	18.77	2.1	18.72	<=38.45	Pass			
			18.68	2.1	18.63	<=38.45	Pass			
			18.60	2.1	18.55	<=38.45	Pass			
6	0	18.59	2.1	18.54	<=38.45	Pass				
		3	18.65	2.1	18.6	<=38.45	Pass			
		0	18.52	2.1	18.47	<=38.45	Pass			

Note1: ERP=Conducted Power+Antenna Gain-2.15



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Report No.: SZCR240100038408  
Rev.: 01  
Page: 4 of 290

## 1.2 B5\_3MHz\_ERP

### 1.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	23.40	2.1	23.35	<=38.45	Pass		
			7	23.25	2.1	23.2	<=38.45	Pass		
			14	23.31	2.1	23.26	<=38.45	Pass		
		8	0	22.40	2.1	22.35	<=38.45	Pass		
			4	22.39	2.1	22.34	<=38.45	Pass		
			7	22.39	2.1	22.34	<=38.45	Pass		
		15	0	22.42	2.1	22.37	<=38.45	Pass		
		836.5	1	0	23.34	2.1	23.29	<=38.45	Pass	
				7	23.29	2.1	23.24	<=38.45	Pass	
	14			23.34	2.1	23.29	<=38.45	Pass		
	8		0	22.32	2.1	22.27	<=38.45	Pass		
			4	22.42	2.1	22.37	<=38.45	Pass		
			7	22.36	2.1	22.31	<=38.45	Pass		
	15		0	22.32	2.1	22.27	<=38.45	Pass		
	847.5		1	0	23.43	2.1	23.38	<=38.45	Pass	
				7	23.41	2.1	23.36	<=38.45	Pass	
		14		23.43	2.1	23.38	<=38.45	Pass		
		8	0	22.47	2.1	22.42	<=38.45	Pass		
			4	22.53	2.1	22.48	<=38.45	Pass		
			7	22.48	2.1	22.43	<=38.45	Pass		
		15	0	22.44	2.1	22.39	<=38.45	Pass		
		16QAM	825.5	1	0	22.91	2.1	22.86	<=38.45	Pass
					7	22.83	2.1	22.78	<=38.45	Pass
	14				22.90	2.1	22.85	<=38.45	Pass	
8	0			21.56	2.1	21.51	<=38.45	Pass		
	4			21.58	2.1	21.53	<=38.45	Pass		
	7			21.53	2.1	21.48	<=38.45	Pass		
15	0			21.47	2.1	21.42	<=38.45	Pass		
836.5	1			0	22.45	2.1	22.4	<=38.45	Pass	
				7	22.39	2.1	22.34	<=38.45	Pass	
			14	22.58	2.1	22.53	<=38.45	Pass		
	8		0	21.32	2.1	21.27	<=38.45	Pass		
			4	21.43	2.1	21.38	<=38.45	Pass		
			7	21.38	2.1	21.33	<=38.45	Pass		
	15		0	21.32	2.1	21.27	<=38.45	Pass		
	847.5		1	0	22.55	2.1	22.5	<=38.45	Pass	
				7	22.35	2.1	22.3	<=38.45	Pass	
14				22.60	2.1	22.55	<=38.45	Pass		



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Report No.: SZCR240100038408

Rev.: 01

Page: 5 of 290

64QAM		8	0	21.52	2.1	21.47	<=38.45	Pass		
			4	21.51	2.1	21.46	<=38.45	Pass		
			7	21.52	2.1	21.47	<=38.45	Pass		
	15	1	0	21.55	2.1	21.5	<=38.45	Pass		
			7	21.72	2.1	21.67	<=38.45	Pass		
			14	21.72	2.1	21.67	<=38.45	Pass		
	825.5	8	1	0	21.73	2.1	21.68	<=38.45	Pass	
				4	21.73	2.1	21.68	<=38.45	Pass	
				7	21.73	2.1	21.68	<=38.45	Pass	
		15	8	0	21.72	2.1	21.67	<=38.45	Pass	
				7	21.28	2.1	21.23	<=38.45	Pass	
				14	21.27	2.1	21.22	<=38.45	Pass	
		836.5	1	8	0	21.32	2.1	21.27	<=38.45	Pass
					4	21.32	2.1	21.27	<=38.45	Pass
					7	21.28	2.1	21.23	<=38.45	Pass
15	1		0	21.33	2.1	21.28	<=38.45	Pass		
			7	21.51	2.1	21.46	<=38.45	Pass		
			14	21.51	2.1	21.46	<=38.45	Pass		
847.5	8		1	0	21.52	2.1	21.47	<=38.45	Pass	
				4	21.52	2.1	21.47	<=38.45	Pass	
				7	21.50	2.1	21.45	<=38.45	Pass	
	15	8	0	21.51	2.1	21.46	<=38.45	Pass		
			7	18.50	2.1	18.45	<=38.45	Pass		
			14	18.46	2.1	18.41	<=38.45	Pass		
	256QAM	825.5	1	0	18.51	2.1	18.46	<=38.45	Pass	
				7	18.51	2.1	18.46	<=38.45	Pass	
				14	18.51	2.1	18.46	<=38.45	Pass	
8			0	18.45	2.1	18.4	<=38.45	Pass		
			4	18.46	2.1	18.41	<=38.45	Pass		
			7	18.45	2.1	18.4	<=38.45	Pass		
15		8	0	18.39	2.1	18.34	<=38.45	Pass		
			7	18.59	2.1	18.54	<=38.45	Pass		
			14	18.51	2.1	18.46	<=38.45	Pass		
836.5		1	8	0	18.55	2.1	18.5	<=38.45	Pass	
				4	18.38	2.1	18.33	<=38.45	Pass	
				7	18.52	2.1	18.47	<=38.45	Pass	
		15	8	0	18.48	2.1	18.43	<=38.45	Pass	
				4	18.36	2.1	18.31	<=38.45	Pass	
				7	18.36	2.1	18.31	<=38.45	Pass	
847.5	1	8	0	18.70	2.1	18.65	<=38.45	Pass		
			4	18.55	2.1	18.5	<=38.45	Pass		
			7	18.61	2.1	18.56	<=38.45	Pass		
	15	8	0	18.58	2.1	18.53	<=38.45	Pass		
			4	18.56	2.1	18.51	<=38.45	Pass		
			7	18.53	2.1	18.48	<=38.45	Pass		
15	8	0	18.50	2.1	18.45	<=38.45	Pass			

Note1: ERP=Conducted Power+Antenna Gain-2.15



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Report No.: SZCR240100038408

Rev.: 01

Page: 6 of 290

## 1.3 B5\_5MHz\_ERP

### 1.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.36	2.1	23.31	<=38.45	Pass		
			13	23.30	2.1	23.25	<=38.45	Pass		
			24	23.28	2.1	23.23	<=38.45	Pass		
		12	0	22.40	2.1	22.35	<=38.45	Pass		
			6	22.40	2.1	22.35	<=38.45	Pass		
			13	22.38	2.1	22.33	<=38.45	Pass		
		25	0	22.39	2.1	22.34	<=38.45	Pass		
		836.5	1	0	23.34	2.1	23.29	<=38.45	Pass	
				13	23.33	2.1	23.28	<=38.45	Pass	
	24			23.33	2.1	23.28	<=38.45	Pass		
	12		0	22.31	2.1	22.26	<=38.45	Pass		
			6	22.36	2.1	22.31	<=38.45	Pass		
			13	22.42	2.1	22.37	<=38.45	Pass		
	25		0	22.35	2.1	22.3	<=38.45	Pass		
	846.5		1	0	23.39	2.1	23.34	<=38.45	Pass	
				13	23.45	2.1	23.4	<=38.45	Pass	
		24		23.34	2.1	23.29	<=38.45	Pass		
		12	0	22.44	2.1	22.39	<=38.45	Pass		
			6	22.41	2.1	22.36	<=38.45	Pass		
			13	22.54	2.1	22.49	<=38.45	Pass		
		25	0	22.40	2.1	22.35	<=38.45	Pass		
		16QAM	826.5	1	0	22.37	2.1	22.32	<=38.45	Pass
					13	22.27	2.1	22.22	<=38.45	Pass
	24				22.26	2.1	22.21	<=38.45	Pass	
12	0			21.41	2.1	21.36	<=38.45	Pass		
	6			21.39	2.1	21.34	<=38.45	Pass		
	13			21.36	2.1	21.31	<=38.45	Pass		
25	0			21.45	2.1	21.4	<=38.45	Pass		
836.5	1			0	22.64	2.1	22.59	<=38.45	Pass	
				13	22.60	2.1	22.55	<=38.45	Pass	
			24	22.64	2.1	22.59	<=38.45	Pass		
	12		0	21.40	2.1	21.35	<=38.45	Pass		
			6	21.38	2.1	21.33	<=38.45	Pass		
			13	21.45	2.1	21.4	<=38.45	Pass		
	25		0	21.33	2.1	21.28	<=38.45	Pass		
	846.5		1	0	22.47	2.1	22.42	<=38.45	Pass	
				13	22.61	2.1	22.56	<=38.45	Pass	
24				22.42	2.1	22.37	<=38.45	Pass		
12			0	21.41	2.1	21.36	<=38.45	Pass		
			6	21.41	2.1	21.36	<=38.45	Pass		



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Report No.: SZCR240100038408

Rev.: 01

Page: 7 of 290

64QAM	826.5	25	13	21.48	2.1	21.43	<=38.45	Pass		
			0	21.47	2.1	21.42	<=38.45	Pass		
		1	12	0	21.64	2.1	21.59	<=38.45	Pass	
				13	21.62	2.1	21.57	<=38.45	Pass	
				24	21.65	2.1	21.6	<=38.45	Pass	
	12	25	0	21.65	2.1	21.6	<=38.45	Pass		
			6	21.65	2.1	21.6	<=38.45	Pass		
			13	21.64	2.1	21.59	<=38.45	Pass		
	836.5	1	12	0	21.41	2.1	21.36	<=38.45	Pass	
				13	21.42	2.1	21.37	<=38.45	Pass	
				24	21.40	2.1	21.35	<=38.45	Pass	
		12	25	0	21.43	2.1	21.38	<=38.45	Pass	
				6	21.41	2.1	21.36	<=38.45	Pass	
				13	21.41	2.1	21.36	<=38.45	Pass	
		846.5	1	12	0	21.39	2.1	21.34	<=38.45	Pass
					13	21.39	2.1	21.34	<=38.45	Pass
			12	25	0	22.10	2.1	22.05	<=38.45	Pass
					13	22.18	2.1	22.13	<=38.45	Pass
	256QAM	826.5	1	24	22.17	2.1	22.12	<=38.45	Pass	
				0	22.20	2.1	22.15	<=38.45	Pass	
			12	25	6	22.18	2.1	22.13	<=38.45	Pass
					13	22.16	2.1	22.11	<=38.45	Pass
					0	22.15	2.1	22.1	<=38.45	Pass
		836.5	1	12	0	18.66	2.1	18.61	<=38.45	Pass
					13	18.71	2.1	18.66	<=38.45	Pass
24					18.70	2.1	18.65	<=38.45	Pass	
12			25	0	18.43	2.1	18.38	<=38.45	Pass	
				6	18.41	2.1	18.36	<=38.45	Pass	
				13	18.34	2.1	18.29	<=38.45	Pass	
846.5			1	12	0	18.34	2.1	18.29	<=38.45	Pass
					13	18.34	2.1	18.29	<=38.45	Pass
			12	25	0	18.26	2.1	18.21	<=38.45	Pass
					13	18.25	2.1	18.2	<=38.45	Pass
		24			18.30	2.1	18.25	<=38.45	Pass	
		846.5	1	12	0	18.28	2.1	18.23	<=38.45	Pass
					6	18.31	2.1	18.26	<=38.45	Pass
			12	25	13	18.36	2.1	18.31	<=38.45	Pass
					0	18.36	2.1	18.31	<=38.45	Pass
					6	18.36	2.1	18.31	<=38.45	Pass
846.5		1	12	0	18.57	2.1	18.52	<=38.45	Pass	
				13	18.70	2.1	18.65	<=38.45	Pass	
		12	25	24	18.66	2.1	18.61	<=38.45	Pass	
				0	18.47	2.1	18.42	<=38.45	Pass	
	6			18.46	2.1	18.41	<=38.45	Pass		
846.5	12	25	13	18.57	2.1	18.52	<=38.45	Pass		
			0	18.47	2.1	18.42	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 8 of 290

## 1.4 B5\_10MHz\_ERP

### 1.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	829	1	0	23.37	2.1	23.32	<=38.45	Pass	
			25	23.31	2.1	23.26	<=38.45	Pass	
			49	23.25	2.1	23.2	<=38.45	Pass	
		25	0	22.35	2.1	22.3	<=38.45	Pass	
			13	22.43	2.1	22.38	<=38.45	Pass	
			25	22.41	2.1	22.36	<=38.45	Pass	
		50	0	22.41	2.1	22.36	<=38.45	Pass	
			1	0	23.25	2.1	23.2	<=38.45	Pass
				25	23.21	2.1	23.16	<=38.45	Pass
	49	23.27		2.1	23.22	<=38.45	Pass		
	836.5	25	0	22.40	2.1	22.35	<=38.45	Pass	
			13	22.36	2.1	22.31	<=38.45	Pass	
			25	22.42	2.1	22.37	<=38.45	Pass	
		50	0	22.35	2.1	22.3	<=38.45	Pass	
			1	0	23.34	2.1	23.29	<=38.45	Pass
				25	23.33	2.1	23.28	<=38.45	Pass
		49		23.35	2.1	23.3	<=38.45	Pass	
		25	0	22.39	2.1	22.34	<=38.45	Pass	
			13	22.44	2.1	22.39	<=38.45	Pass	
	25		22.51	2.1	22.46	<=38.45	Pass		
	50	0	22.47	2.1	22.42	<=38.45	Pass		
		1	0	23.07	2.1	23.02	<=38.45	Pass	
			25	22.88	2.1	22.83	<=38.45	Pass	
	49		22.93	2.1	22.88	<=38.45	Pass		
16QAM	829	25	0	21.46	2.1	21.41	<=38.45	Pass	
			13	21.49	2.1	21.44	<=38.45	Pass	
			25	21.43	2.1	21.38	<=38.45	Pass	
		50	0	21.43	2.1	21.38	<=38.45	Pass	
			1	0	22.61	2.1	22.56	<=38.45	Pass
				25	22.47	2.1	22.42	<=38.45	Pass
	49	22.43		2.1	22.38	<=38.45	Pass		
	836.5	25	0	21.37	2.1	21.32	<=38.45	Pass	
			13	21.37	2.1	21.32	<=38.45	Pass	
			25	21.46	2.1	21.41	<=38.45	Pass	
		50	0	21.37	2.1	21.32	<=38.45	Pass	
			1	0	22.42	2.1	22.37	<=38.45	Pass
				25	22.42	2.1	22.37	<=38.45	Pass
	25	49		22.44	2.1	22.39	<=38.45	Pass	
		0	21.55	2.1	21.5	<=38.45	Pass		
13		21.53	2.1	21.48	<=38.45	Pass			



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Report No.: SZCR240100038408  
 Rev.: 01  
 Page: 9 of 290

64QAM	829	50	25	21.59	2.1	21.54	<=38.45	Pass	
			0	21.49	2.1	21.44	<=38.45	Pass	
			0	21.49	2.1	21.44	<=38.45	Pass	
		25	25	21.50	2.1	21.45	<=38.45	Pass	
			49	21.50	2.1	21.45	<=38.45	Pass	
			0	21.49	2.1	21.44	<=38.45	Pass	
	836.5	1	0	21.42	2.1	21.37	<=38.45	Pass	
			25	21.41	2.1	21.36	<=38.45	Pass	
			49	21.47	2.1	21.42	<=38.45	Pass	
		25	0	21.42	2.1	21.37	<=38.45	Pass	
			13	21.42	2.1	21.37	<=38.45	Pass	
			25	21.44	2.1	21.39	<=38.45	Pass	
	844	1	0	21.41	2.1	21.36	<=38.45	Pass	
			25	21.17	2.1	21.12	<=38.45	Pass	
			49	21.17	2.1	21.12	<=38.45	Pass	
		25	0	21.15	2.1	21.1	<=38.45	Pass	
			13	21.14	2.1	21.09	<=38.45	Pass	
			25	21.17	2.1	21.12	<=38.45	Pass	
	256QAM	829	1	0	21.10	2.1	21.05	<=38.45	Pass
				25	18.51	2.1	18.46	<=38.45	Pass
				49	18.52	2.1	18.47	<=38.45	Pass
			25	0	18.51	2.1	18.46	<=38.45	Pass
				13	18.36	2.1	18.31	<=38.45	Pass
				25	18.39	2.1	18.34	<=38.45	Pass
836.5		1	25	18.34	2.1	18.29	<=38.45	Pass	
			50	18.38	2.1	18.33	<=38.45	Pass	
			0	18.68	2.1	18.63	<=38.45	Pass	
		25	25	18.72	2.1	18.67	<=38.45	Pass	
			49	18.78	2.1	18.73	<=38.45	Pass	
			0	18.32	2.1	18.27	<=38.45	Pass	
844		1	13	18.34	2.1	18.29	<=38.45	Pass	
			25	18.42	2.1	18.37	<=38.45	Pass	
			50	18.34	2.1	18.29	<=38.45	Pass	
		25	0	18.20	2.1	18.15	<=38.45	Pass	
			25	18.18	2.1	18.13	<=38.45	Pass	
			49	18.20	2.1	18.15	<=38.45	Pass	
50		0	18.38	2.1	18.33	<=38.45	Pass		
		13	18.42	2.1	18.37	<=38.45	Pass		
		25	18.42	2.1	18.37	<=38.45	Pass		
50		0	18.43	2.1	18.38	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 10 of 290

## 2. Frequency Stability

### 2.1 B5\_1.4MHz

#### 2.1.1 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	3.55	14.720	0.0178	-2.5 to 2.5	Pass
					4.0	9.170	0.0111	-2.5 to 2.5	Pass
					4.4	6.709	0.0081	-2.5 to 2.5	Pass
				-30	4.0	4.892	0.0059	-2.5 to 2.5	Pass
				-20	4.0	3.047	0.0037	-2.5 to 2.5	Pass
				-10	4.0	3.204	0.0039	-2.5 to 2.5	Pass
				0	4.0	0.443	0.0005	-2.5 to 2.5	Pass
				10	4.0	2.360	0.0029	-2.5 to 2.5	Pass
				30	4.0	1.760	0.0021	-2.5 to 2.5	Pass
				40	4.0	0.172	0.0002	-2.5 to 2.5	Pass
	50	4.0	1.001	0.0012	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.55	-20.485	-0.0245	-2.5 to 2.5	Pass
					4.0	-12.732	-0.0152	-2.5 to 2.5	Pass
					4.4	-6.223	-0.0074	-2.5 to 2.5	Pass
				-30	4.0	-1.559	-0.0019	-2.5 to 2.5	Pass
				-20	4.0	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	4.0	-0.057	-0.0001	-2.5 to 2.5	Pass
				0	4.0	0.544	0.0007	-2.5 to 2.5	Pass
				10	4.0	0.858	0.0010	-2.5 to 2.5	Pass
				30	4.0	1.774	0.0021	-2.5 to 2.5	Pass
				40	4.0	1.173	0.0014	-2.5 to 2.5	Pass
	50	4.0	-0.172	-0.0002	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.55	-19.884	-0.0234	-2.5 to 2.5	Pass
					4.0	-12.002	-0.0141	-2.5 to 2.5	Pass
					4.4	-5.736	-0.0068	-2.5 to 2.5	Pass
				-30	4.0	-1.130	-0.0013	-2.5 to 2.5	Pass
				-20	4.0	0.458	0.0005	-2.5 to 2.5	Pass
				-10	4.0	-0.243	-0.0003	-2.5 to 2.5	Pass
				0	4.0	2.303	0.0027	-2.5 to 2.5	Pass
				10	4.0	1.745	0.0021	-2.5 to 2.5	Pass
30				4.0	1.731	0.0020	-2.5 to 2.5	Pass	
40				4.0	2.704	0.0032	-2.5 to 2.5	Pass	
50	4.0	0.916	0.0011	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.55	1.645	0.0020	-2.5 to 2.5	Pass
					4.0	0.544	0.0007	-2.5 to 2.5	Pass
					4.4	0.758	0.0009	-2.5 to 2.5	Pass
				-30	4.0	1.159	0.0014	-2.5 to 2.5	Pass



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Report No.: SZCR240100038408

Rev.: 01

Page: 11 of 290

64QAM	836.5	6	0	-20	4.0	0.844	0.0010	-2.5 to 2.5	Pass			
				-10	4.0	0.386	0.0005	-2.5 to 2.5	Pass			
				0	4.0	0.672	0.0008	-2.5 to 2.5	Pass			
				10	4.0	1.416	0.0017	-2.5 to 2.5	Pass			
				30	4.0	1.802	0.0022	-2.5 to 2.5	Pass			
				40	4.0	1.817	0.0022	-2.5 to 2.5	Pass			
				50	4.0	1.059	0.0013	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.55	0.272	0.0003	0.0003	-2.5 to 2.5	Pass		
					4.0	1.459	0.0017	0.0017	-2.5 to 2.5	Pass		
					4.4	0.901	0.0011	0.0011	-2.5 to 2.5	Pass		
				-30	4.0	1.845	0.0022	-2.5 to 2.5	Pass			
				-20	4.0	1.988	0.0024	-2.5 to 2.5	Pass			
				-10	4.0	1.087	0.0013	-2.5 to 2.5	Pass			
				0	4.0	1.230	0.0015	-2.5 to 2.5	Pass			
				10	4.0	0.687	0.0008	-2.5 to 2.5	Pass			
				30	4.0	0.658	0.0008	-2.5 to 2.5	Pass			
				40	4.0	1.817	0.0022	-2.5 to 2.5	Pass			
				50	4.0	1.845	0.0022	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.55	2.046	0.0024	0.0024	-2.5 to 2.5	Pass		
					4.0	1.588	0.0019	0.0019	-2.5 to 2.5	Pass		
					4.4	1.616	0.0019	0.0019	-2.5 to 2.5	Pass		
				-30	4.0	2.046	0.0024	-2.5 to 2.5	Pass			
				-20	4.0	1.559	0.0018	-2.5 to 2.5	Pass			
				-10	4.0	-0.014	0.0000	-2.5 to 2.5	Pass			
				0	4.0	2.375	0.0028	-2.5 to 2.5	Pass			
				10	4.0	1.903	0.0022	-2.5 to 2.5	Pass			
				30	4.0	1.903	0.0022	-2.5 to 2.5	Pass			
				40	4.0	1.760	0.0021	-2.5 to 2.5	Pass			
50				4.0	1.945	0.0023	-2.5 to 2.5	Pass				
824.7	6	0	20	3.55	16.480	0.0200	0.0200	-2.5 to 2.5	Pass			
				4.0	16.974	0.0206	0.0206	-2.5 to 2.5	Pass			
				4.4	14.265	0.0173	0.0173	-2.5 to 2.5	Pass			
			-30	4.0	13.877	0.0168	-2.5 to 2.5	Pass				
			-20	4.0	11.253	0.0136	-2.5 to 2.5	Pass				
			-10	4.0	8.579	0.0104	-2.5 to 2.5	Pass				
			0	4.0	6.930	0.0084	-2.5 to 2.5	Pass				
			10	4.0	5.004	0.0061	-2.5 to 2.5	Pass				
			30	4.0	5.421	0.0066	-2.5 to 2.5	Pass				
			40	4.0	3.328	0.0040	-2.5 to 2.5	Pass				
			50	4.0	2.497	0.0030	-2.5 to 2.5	Pass				
			836.5	6	0	20	3.55	-21.280	-0.0254	-0.0254	-2.5 to 2.5	Pass
							4.0	-20.496	-0.0245	-0.0245	-2.5 to 2.5	Pass
							4.4	-17.830	-0.0213	-0.0213	-2.5 to 2.5	Pass
-30	4.0	-12.828				-0.0153	-0.0153	-2.5 to 2.5	Pass			
-20	4.0	-11.354				-0.0136	-0.0136	-2.5 to 2.5	Pass			
-10	4.0	-9.029				-0.0108	-0.0108	-2.5 to 2.5	Pass			
0	4.0	-6.396				-0.0076	-0.0076	-2.5 to 2.5	Pass			
10	4.0	-3.695	-0.0044	-0.0044	-2.5 to 2.5	Pass						



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**Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 12 of 290

				30	4.0	-3.458	-0.0041	-2.5 to 2.5	Pass
				40	4.0	-1.983	-0.0024	-2.5 to 2.5	Pass
				50	4.0	-1.599	-0.0019	-2.5 to 2.5	Pass
				20	3.55	-20.902	-0.0246	-2.5 to 2.5	Pass
					4.0	-21.857	-0.0258	-2.5 to 2.5	Pass
					4.4	-18.643	-0.0220	-2.5 to 2.5	Pass
				-30	4.0	-17.069	-0.0201	-2.5 to 2.5	Pass
				-20	4.0	-12.399	-0.0146	-2.5 to 2.5	Pass
				-10	4.0	-10.056	-0.0119	-2.5 to 2.5	Pass
				0	4.0	-6.322	-0.0075	-2.5 to 2.5	Pass
				10	4.0	-3.750	-0.0044	-2.5 to 2.5	Pass
				30	4.0	-5.005	-0.0059	-2.5 to 2.5	Pass
40	4.0	-3.718	-0.0044	-2.5 to 2.5	Pass				
50	4.0	-2.027	-0.0024	-2.5 to 2.5	Pass				
256QAM	824.7	6	0	20	3.55	3.014	0.0037	-2.5 to 2.5	Pass
					4.0	1.730	0.0021	-2.5 to 2.5	Pass
					4.4	0.894	0.0011	-2.5 to 2.5	Pass
				-30	4.0	1.527	0.0019	-2.5 to 2.5	Pass
				-20	4.0	2.505	0.0030	-2.5 to 2.5	Pass
				-10	4.0	2.586	0.0031	-2.5 to 2.5	Pass
				0	4.0	-0.737	-0.0009	-2.5 to 2.5	Pass
				10	4.0	0.663	0.0008	-2.5 to 2.5	Pass
				30	4.0	0.253	0.0003	-2.5 to 2.5	Pass
				40	4.0	2.021	0.0025	-2.5 to 2.5	Pass
				50	4.0	0.148	0.0002	-2.5 to 2.5	Pass
				256QAM	836.5	6	0	20	3.55
4.0	1.439	0.0017	-2.5 to 2.5						Pass
4.4	0.230	0.0003	-2.5 to 2.5						Pass
-30	4.0	0.194	0.0002					-2.5 to 2.5	Pass
-20	4.0	-0.450	-0.0005					-2.5 to 2.5	Pass
-10	4.0	-0.087	-0.0001					-2.5 to 2.5	Pass
0	4.0	0.489	0.0006					-2.5 to 2.5	Pass
10	4.0	0.519	0.0006					-2.5 to 2.5	Pass
30	4.0	-0.316	-0.0004					-2.5 to 2.5	Pass
40	4.0	2.903	0.0035					-2.5 to 2.5	Pass
50	4.0	2.138	0.0026					-2.5 to 2.5	Pass
256QAM	848.3	6	0					20	3.55
				4.0	-0.457	-0.0005	-2.5 to 2.5		Pass
				4.4	0.176	0.0002	-2.5 to 2.5		Pass
				-30	4.0	0.841	0.0010	-2.5 to 2.5	Pass
				-20	4.0	-0.606	-0.0007	-2.5 to 2.5	Pass
				-10	4.0	0.358	0.0004	-2.5 to 2.5	Pass
				0	4.0	-0.368	-0.0004	-2.5 to 2.5	Pass
				10	4.0	0.048	0.0001	-2.5 to 2.5	Pass
				30	4.0	1.570	0.0019	-2.5 to 2.5	Pass
				40	4.0	0.740	0.0009	-2.5 to 2.5	Pass
				50	4.0	0.652	0.0008	-2.5 to 2.5	Pass



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 13 of 290

## 2.2 B5\_3MHz

### 2.2.1 Test Result

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	3.55	2.232	0.0027	-2.5 to 2.5	Pass	
					4.0	2.818	0.0034	-2.5 to 2.5	Pass	
					4.4	1.645	0.0020	-2.5 to 2.5	Pass	
				-30	4.0	1.988	0.0024	-2.5 to 2.5	Pass	
					-20	4.0	2.375	0.0029	-2.5 to 2.5	Pass
					-10	4.0	1.659	0.0020	-2.5 to 2.5	Pass
				0	4.0	1.187	0.0014	-2.5 to 2.5	Pass	
					10	4.0	1.330	0.0016	-2.5 to 2.5	Pass
					30	4.0	2.675	0.0032	-2.5 to 2.5	Pass
					40	4.0	0.944	0.0011	-2.5 to 2.5	Pass
	50	4.0	2.289		0.0028	-2.5 to 2.5	Pass			
	836.5	15	0		20	3.55	0.572	0.0007	-2.5 to 2.5	Pass
						4.0	1.674	0.0020	-2.5 to 2.5	Pass
				4.4		1.960	0.0023	-2.5 to 2.5	Pass	
				-30	4.0	0.429	0.0005	-2.5 to 2.5	Pass	
					-20	4.0	1.802	0.0022	-2.5 to 2.5	Pass
					-10	4.0	2.246	0.0027	-2.5 to 2.5	Pass
				0	4.0	0.100	0.0001	-2.5 to 2.5	Pass	
					10	4.0	1.316	0.0016	-2.5 to 2.5	Pass
					30	4.0	2.575	0.0031	-2.5 to 2.5	Pass
					40	4.0	2.246	0.0027	-2.5 to 2.5	Pass
	50	4.0	1.130	0.0014	-2.5 to 2.5	Pass				
		20	3.55	1.531	0.0018	-2.5 to 2.5	Pass			
			4.0	1.616	0.0019	-2.5 to 2.5	Pass			
			4.4	3.190	0.0038	-2.5 to 2.5	Pass			
		-30	4.0	2.003	0.0024	-2.5 to 2.5	Pass			
			-20	4.0	1.144	0.0013	-2.5 to 2.5	Pass		
			-10	4.0	2.332	0.0028	-2.5 to 2.5	Pass		
	0	4.0	2.546	0.0030	-2.5 to 2.5	Pass				
		10	4.0	0.644	0.0008	-2.5 to 2.5	Pass			
30		4.0	3.262	0.0038	-2.5 to 2.5	Pass				
40		4.0	3.591	0.0042	-2.5 to 2.5	Pass				
50		4.0	1.945	0.0023	-2.5 to 2.5	Pass				
16QAM		825.5	15	0	20	3.55	1.817	0.0022	-2.5 to 2.5	Pass
						4.0	3.018	0.0037	-2.5 to 2.5	Pass
	4.4					3.018	0.0037	-2.5 to 2.5	Pass	
	-30				4.0	1.473	0.0018	-2.5 to 2.5	Pass	
					-20	4.0	1.788	0.0022	-2.5 to 2.5	Pass
					-10	4.0	1.459	0.0018	-2.5 to 2.5	Pass
	0				4.0	0.758	0.0009	-2.5 to 2.5	Pass	



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**Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 14 of 290

64QAM	836.5	15	0	10	4.0	2.532	0.0031	-2.5 to 2.5	Pass
				30	4.0	1.273	0.0015	-2.5 to 2.5	Pass
				40	4.0	1.159	0.0014	-2.5 to 2.5	Pass
				50	4.0	0.958	0.0012	-2.5 to 2.5	Pass
				20	3.55	1.373	0.0016	-2.5 to 2.5	Pass
					4.0	1.960	0.0023	-2.5 to 2.5	Pass
					4.4	1.187	0.0014	-2.5 to 2.5	Pass
				-30	4.0	0.801	0.0010	-2.5 to 2.5	Pass
				-20	4.0	1.488	0.0018	-2.5 to 2.5	Pass
				-10	4.0	1.073	0.0013	-2.5 to 2.5	Pass
				0	4.0	2.403	0.0029	-2.5 to 2.5	Pass
				10	4.0	1.373	0.0016	-2.5 to 2.5	Pass
	30	4.0	1.388	0.0017	-2.5 to 2.5	Pass			
	40	4.0	1.717	0.0021	-2.5 to 2.5	Pass			
	50	4.0	1.116	0.0013	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.55	1.574	0.0019	-2.5 to 2.5	Pass
					4.0	0.958	0.0011	-2.5 to 2.5	Pass
					4.4	2.275	0.0027	-2.5 to 2.5	Pass
				-30	4.0	2.618	0.0031	-2.5 to 2.5	Pass
				-20	4.0	1.259	0.0015	-2.5 to 2.5	Pass
				-10	4.0	1.445	0.0017	-2.5 to 2.5	Pass
				0	4.0	1.030	0.0012	-2.5 to 2.5	Pass
				10	4.0	1.960	0.0023	-2.5 to 2.5	Pass
				30	4.0	0.114	0.0001	-2.5 to 2.5	Pass
40				4.0	0.157	0.0002	-2.5 to 2.5	Pass	
50				4.0	-0.401	-0.0005	-2.5 to 2.5	Pass	
825.5				15	0	20	3.55	1.701	0.0021
	4.0	-0.534	-0.0006				-2.5 to 2.5	Pass	
	4.4	-0.328	-0.0004				-2.5 to 2.5	Pass	
	-30	4.0	-0.228			-0.0003	-2.5 to 2.5	Pass	
	-20	4.0	-0.175			-0.0002	-2.5 to 2.5	Pass	
	-10	4.0	0.962			0.0012	-2.5 to 2.5	Pass	
	0	4.0	1.831			0.0022	-2.5 to 2.5	Pass	
	10	4.0	2.055			0.0025	-2.5 to 2.5	Pass	
	30	4.0	2.026			0.0025	-2.5 to 2.5	Pass	
	40	4.0	2.275			0.0028	-2.5 to 2.5	Pass	
	50	4.0	0.939			0.0011	-2.5 to 2.5	Pass	
	836.5	15	0			20	3.55	1.521	0.0018
4.0				2.112	0.0025		-2.5 to 2.5	Pass	
4.4				1.671	0.0020		-2.5 to 2.5	Pass	
-30				4.0	1.612	0.0019	-2.5 to 2.5	Pass	
-20				4.0	1.843	0.0022	-2.5 to 2.5	Pass	
-10				4.0	1.293	0.0015	-2.5 to 2.5	Pass	
0				4.0	1.471	0.0018	-2.5 to 2.5	Pass	
10				4.0	2.260	0.0027	-2.5 to 2.5	Pass	
30				4.0	1.281	0.0015	-2.5 to 2.5	Pass	
40				4.0	1.326	0.0016	-2.5 to 2.5	Pass	
50				4.0	1.428	0.0017	-2.5 to 2.5	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 15 of 290

847.5	15	0	20	3.55	1.631	0.0019	-2.5 to 2.5	Pass			
				4.0	0.997	0.0012	-2.5 to 2.5	Pass			
				4.4	0.749	0.0009	-2.5 to 2.5	Pass			
			-30	4.0	0.793	0.0009	-2.5 to 2.5	Pass			
				-20	4.0	1.837	0.0022	-2.5 to 2.5	Pass		
				-10	4.0	0.809	0.0010	-2.5 to 2.5	Pass		
			0	4.0	0.838	0.0010	-2.5 to 2.5	Pass			
			10	4.0	1.277	0.0015	-2.5 to 2.5	Pass			
			30	4.0	0.962	0.0011	-2.5 to 2.5	Pass			
			40	4.0	2.042	0.0024	-2.5 to 2.5	Pass			
			50	4.0	1.094	0.0013	-2.5 to 2.5	Pass			
			825.5	15	0	20	3.55	0.614	0.0007	-2.5 to 2.5	Pass
							4.0	0.587	0.0007	-2.5 to 2.5	Pass
4.4	1.053	0.0013					-2.5 to 2.5	Pass			
-30	4.0	1.901				0.0023	-2.5 to 2.5	Pass			
	-20	4.0				1.017	0.0012	-2.5 to 2.5	Pass		
	-10	4.0				-0.174	-0.0002	-2.5 to 2.5	Pass		
0	4.0	-0.264				-0.0003	-2.5 to 2.5	Pass			
10	4.0	0.548				0.0007	-2.5 to 2.5	Pass			
30	4.0	0.872				0.0011	-2.5 to 2.5	Pass			
40	4.0	0.713				0.0009	-2.5 to 2.5	Pass			
50	4.0	1.465				0.0018	-2.5 to 2.5	Pass			
836.5	15	0				20	3.55	2.053	0.0025	-2.5 to 2.5	Pass
							4.0	1.841	0.0022	-2.5 to 2.5	Pass
			4.4	0.373	0.0004		-2.5 to 2.5	Pass			
			-30	4.0	0.076	0.0001	-2.5 to 2.5	Pass			
				-20	4.0	0.515	0.0006	-2.5 to 2.5	Pass		
				-10	4.0	0.914	0.0011	-2.5 to 2.5	Pass		
			0	4.0	1.286	0.0015	-2.5 to 2.5	Pass			
			10	4.0	1.383	0.0017	-2.5 to 2.5	Pass			
			30	4.0	0.989	0.0012	-2.5 to 2.5	Pass			
			40	4.0	0.575	0.0007	-2.5 to 2.5	Pass			
			50	4.0	2.074	0.0025	-2.5 to 2.5	Pass			
			847.5	15	0	20	3.55	0.994	0.0012	-2.5 to 2.5	Pass
							4.0	0.307	0.0004	-2.5 to 2.5	Pass
4.4	0.054	0.0001					-2.5 to 2.5	Pass			
-30	4.0	0.590				0.0007	-2.5 to 2.5	Pass			
	-20	4.0				0.268	0.0003	-2.5 to 2.5	Pass		
	-10	4.0				-0.035	0.0000	-2.5 to 2.5	Pass		
0	4.0	0.732				0.0009	-2.5 to 2.5	Pass			
10	4.0	1.441				0.0017	-2.5 to 2.5	Pass			
30	4.0	1.702				0.0020	-2.5 to 2.5	Pass			
40	4.0	1.007				0.0012	-2.5 to 2.5	Pass			
50	4.0	-0.086				-0.0001	-2.5 to 2.5	Pass			

2.3 B5\_5MHz



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# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 16 of 290

## 2.3.1 Test Result

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	3.55	0.172	0.0002	-2.5 to 2.5	Pass	
					4.0	0.715	0.0009	-2.5 to 2.5	Pass	
					4.4	0.815	0.0010	-2.5 to 2.5	Pass	
				-30	4.0	-0.801	-0.0010	-2.5 to 2.5	Pass	
					-20	4.0	-0.172	-0.0002	-2.5 to 2.5	Pass
						-10	4.0	1.216	0.0015	-2.5 to 2.5
				0	4.0	0.229	0.0003	-2.5 to 2.5	Pass	
					10	4.0	-0.587	-0.0007	-2.5 to 2.5	Pass
					30	4.0	1.445	0.0017	-2.5 to 2.5	Pass
					40	4.0	0.558	0.0007	-2.5 to 2.5	Pass
	50	4.0	-0.572		-0.0007	-2.5 to 2.5	Pass			
	836.5	25	0		20	3.55	-0.129	-0.0002	-2.5 to 2.5	Pass
						4.0	-1.130	-0.0014	-2.5 to 2.5	Pass
				4.4		-0.472	-0.0006	-2.5 to 2.5	Pass	
				-30	4.0	0.901	0.0011	-2.5 to 2.5	Pass	
					-20	4.0	-1.674	-0.0020	-2.5 to 2.5	Pass
						-10	4.0	-2.046	-0.0024	-2.5 to 2.5
				0	4.0	-0.987	-0.0012	-2.5 to 2.5	Pass	
					10	4.0	-0.443	-0.0005	-2.5 to 2.5	Pass
					30	4.0	-1.616	-0.0019	-2.5 to 2.5	Pass
					40	4.0	-0.329	-0.0004	-2.5 to 2.5	Pass
	50	4.0	-1.774		-0.0021	-2.5 to 2.5	Pass			
	846.5	25	0		20	3.55	-0.043	-0.0001	-2.5 to 2.5	Pass
						4.0	-0.501	-0.0006	-2.5 to 2.5	Pass
				4.4		0.830	0.0010	-2.5 to 2.5	Pass	
				-30	4.0	-0.615	-0.0007	-2.5 to 2.5	Pass	
					-20	4.0	-0.272	-0.0003	-2.5 to 2.5	Pass
						-10	4.0	0.129	0.0002	-2.5 to 2.5
				0	4.0	1.373	0.0016	-2.5 to 2.5	Pass	
					10	4.0	0.215	0.0003	-2.5 to 2.5	Pass
30					4.0	0.272	0.0003	-2.5 to 2.5	Pass	
40					4.0	0.172	0.0002	-2.5 to 2.5	Pass	
50	4.0	0.844	0.0010		-2.5 to 2.5	Pass				
16QAM	826.5	25	0		20	3.55	-0.086	-0.0001	-2.5 to 2.5	Pass
						4.0	0.386	0.0005	-2.5 to 2.5	Pass
				4.4		0.157	0.0002	-2.5 to 2.5	Pass	
				-30	4.0	-0.086	-0.0001	-2.5 to 2.5	Pass	
					-20	4.0	0.300	0.0004	-2.5 to 2.5	Pass
						-10	4.0	-0.358	-0.0004	-2.5 to 2.5
				0	4.0	-0.873	-0.0011	-2.5 to 2.5	Pass	
					10	4.0	0.343	0.0004	-2.5 to 2.5	Pass
					30	4.0	-0.672	-0.0008	-2.5 to 2.5	Pass
					40	4.0	-0.801	-0.0010	-2.5 to 2.5	Pass



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Report No.: SZCR240100038408

Rev.: 01

Page: 17 of 290

64QAM	836.5	25	0	50	4.0	-1.001	-0.0012	-2.5 to 2.5	Pass
				20	3.55	-1.388	-0.0017	-2.5 to 2.5	Pass
					4.0	-0.615	-0.0007	-2.5 to 2.5	Pass
					4.4	-1.059	-0.0013	-2.5 to 2.5	Pass
				-30	4.0	-1.273	-0.0015	-2.5 to 2.5	Pass
				-20	4.0	-0.358	-0.0004	-2.5 to 2.5	Pass
				-10	4.0	-1.287	-0.0015	-2.5 to 2.5	Pass
				0	4.0	-0.329	-0.0004	-2.5 to 2.5	Pass
				10	4.0	-0.787	-0.0009	-2.5 to 2.5	Pass
				30	4.0	-0.243	-0.0003	-2.5 to 2.5	Pass
	40	4.0	-0.458	-0.0005	-2.5 to 2.5	Pass			
	50	4.0	0.300	0.0004	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.55	0.200	0.0002	-2.5 to 2.5	Pass
					4.0	0.043	0.0001	-2.5 to 2.5	Pass
					4.4	1.073	0.0013	-2.5 to 2.5	Pass
				-30	4.0	0.744	0.0009	-2.5 to 2.5	Pass
				-20	4.0	1.502	0.0018	-2.5 to 2.5	Pass
				-10	4.0	0.272	0.0003	-2.5 to 2.5	Pass
				0	4.0	0.730	0.0009	-2.5 to 2.5	Pass
				10	4.0	0.644	0.0008	-2.5 to 2.5	Pass
30				4.0	2.031	0.0024	-2.5 to 2.5	Pass	
40				4.0	1.459	0.0017	-2.5 to 2.5	Pass	
50	4.0	1.602	0.0019	-2.5 to 2.5	Pass				
826.5	25	0	20	3.55	-0.276	-0.0003	-2.5 to 2.5	Pass	
				4.0	-0.194	-0.0002	-2.5 to 2.5	Pass	
				4.4	-0.888	-0.0011	-2.5 to 2.5	Pass	
			-30	4.0	0.334	0.0004	-2.5 to 2.5	Pass	
			-20	4.0	-0.046	-0.0001	-2.5 to 2.5	Pass	
			-10	4.0	0.004	0.0000	-2.5 to 2.5	Pass	
			0	4.0	1.271	0.0015	-2.5 to 2.5	Pass	
			10	4.0	0.159	0.0002	-2.5 to 2.5	Pass	
			30	4.0	-0.306	-0.0004	-2.5 to 2.5	Pass	
			40	4.0	0.717	0.0009	-2.5 to 2.5	Pass	
50	4.0	-0.688	-0.0008	-2.5 to 2.5	Pass				
836.5	25	0	20	3.55	1.695	0.0020	-2.5 to 2.5	Pass	
				4.0	1.161	0.0014	-2.5 to 2.5	Pass	
				4.4	-0.557	-0.0007	-2.5 to 2.5	Pass	
			-30	4.0	1.164	0.0014	-2.5 to 2.5	Pass	
			-20	4.0	0.049	0.0001	-2.5 to 2.5	Pass	
			-10	4.0	0.971	0.0012	-2.5 to 2.5	Pass	
			0	4.0	0.271	0.0003	-2.5 to 2.5	Pass	
			10	4.0	-0.004	0.0000	-2.5 to 2.5	Pass	
			30	4.0	0.136	0.0002	-2.5 to 2.5	Pass	
			40	4.0	1.137	0.0014	-2.5 to 2.5	Pass	
50	4.0	0.477	0.0006	-2.5 to 2.5	Pass				
846.5	25	0	20	3.55	1.662	0.0020	-2.5 to 2.5	Pass	
				4.0	1.185	0.0014	-2.5 to 2.5	Pass	
				4.4	0.658	0.0008	-2.5 to 2.5	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 18 of 290

				-30	4.0	0.832	0.0010	-2.5 to 2.5	Pass	
				-20	4.0	1.130	0.0013	-2.5 to 2.5	Pass	
				-10	4.0	0.725	0.0009	-2.5 to 2.5	Pass	
				0	4.0	0.636	0.0008	-2.5 to 2.5	Pass	
				10	4.0	0.739	0.0009	-2.5 to 2.5	Pass	
				30	4.0	0.805	0.0010	-2.5 to 2.5	Pass	
				40	4.0	1.366	0.0016	-2.5 to 2.5	Pass	
				50	4.0	0.057	0.0001	-2.5 to 2.5	Pass	
256QAM	826.5	25	0	20	3.55	0.041	0.0000	-2.5 to 2.5	Pass	
					4.0	0.659	0.0008	-2.5 to 2.5	Pass	
					4.4	0.102	0.0001	-2.5 to 2.5	Pass	
				-30	4.0	1.011	0.0012	-2.5 to 2.5	Pass	
					-20	4.0	1.018	0.0012	-2.5 to 2.5	Pass
						4.0	-0.230	-0.0003	-2.5 to 2.5	Pass
					0	4.0	-0.423	-0.0005	-2.5 to 2.5	Pass
					10	4.0	0.897	0.0011	-2.5 to 2.5	Pass
					30	4.0	1.513	0.0018	-2.5 to 2.5	Pass
					40	4.0	0.511	0.0006	-2.5 to 2.5	Pass
	50	4.0	-0.186	-0.0002	-2.5 to 2.5	Pass				
	836.5	25	0	20	3.55	0.834	0.0010	-2.5 to 2.5	Pass	
					4.0	1.343	0.0016	-2.5 to 2.5	Pass	
					4.4	1.166	0.0014	-2.5 to 2.5	Pass	
				-30	4.0	0.952	0.0011	-2.5 to 2.5	Pass	
					-20	4.0	0.621	0.0007	-2.5 to 2.5	Pass
						4.0	0.776	0.0009	-2.5 to 2.5	Pass
					0	4.0	0.339	0.0004	-2.5 to 2.5	Pass
					10	4.0	0.377	0.0005	-2.5 to 2.5	Pass
					30	4.0	0.690	0.0008	-2.5 to 2.5	Pass
40					4.0	0.798	0.0010	-2.5 to 2.5	Pass	
50	4.0	0.511	0.0006	-2.5 to 2.5	Pass					
846.5	25	0	20	3.55	0.026	0.0000	-2.5 to 2.5	Pass		
				4.0	0.414	0.0005	-2.5 to 2.5	Pass		
				4.4	1.187	0.0014	-2.5 to 2.5	Pass		
			-30	4.0	0.876	0.0010	-2.5 to 2.5	Pass		
				-20	4.0	0.870	0.0010	-2.5 to 2.5	Pass	
					4.0	1.060	0.0013	-2.5 to 2.5	Pass	
				0	4.0	0.594	0.0007	-2.5 to 2.5	Pass	
				10	4.0	1.066	0.0013	-2.5 to 2.5	Pass	
				30	4.0	1.159	0.0014	-2.5 to 2.5	Pass	
				40	4.0	1.071	0.0013	-2.5 to 2.5	Pass	
50	4.0	0.318	0.0004	-2.5 to 2.5	Pass					

2.4 B5\_10MHz

2.4.1 Test Result



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Report No.: SZCR240100038408

Rev.: 01

Page: 19 of 290

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	3.55	0.286	0.0003	-2.5 to 2.5	Pass	
					4.0	-1.044	-0.0013	-2.5 to 2.5	Pass	
					4.4	-0.014	0.0000	-2.5 to 2.5	Pass	
				-30	4.0	0.873	0.0011	-2.5 to 2.5	Pass	
					-20	4.0	0.916	0.0011	-2.5 to 2.5	Pass
						4.0	0.114	0.0001	-2.5 to 2.5	Pass
				0	4.0	1.459	0.0018	-2.5 to 2.5	Pass	
					10	4.0	0.300	0.0004	-2.5 to 2.5	Pass
				30	4.0	0.200	0.0002	-2.5 to 2.5	Pass	
				40	4.0	1.073	0.0013	-2.5 to 2.5	Pass	
	50	4.0	0.715	0.0009	-2.5 to 2.5	Pass				
	836.5	50	0	20	3.55	-0.744	-0.0009	-2.5 to 2.5	Pass	
					4.0	-0.629	-0.0008	-2.5 to 2.5	Pass	
					4.4	-0.429	-0.0005	-2.5 to 2.5	Pass	
				-30	4.0	-1.245	-0.0015	-2.5 to 2.5	Pass	
					-20	4.0	-0.429	-0.0005	-2.5 to 2.5	Pass
						4.0	0.615	0.0007	-2.5 to 2.5	Pass
				0	4.0	-0.730	-0.0009	-2.5 to 2.5	Pass	
					10	4.0	-1.030	-0.0012	-2.5 to 2.5	Pass
				30	4.0	0.029	0.0000	-2.5 to 2.5	Pass	
				40	4.0	-0.601	-0.0007	-2.5 to 2.5	Pass	
	50	4.0	0.343	0.0004	-2.5 to 2.5	Pass				
	844	50	0	20	3.55	-0.858	-0.0010	-2.5 to 2.5	Pass	
					4.0	-0.916	-0.0011	-2.5 to 2.5	Pass	
					4.4	-0.987	-0.0012	-2.5 to 2.5	Pass	
				-30	4.0	-0.114	-0.0001	-2.5 to 2.5	Pass	
					-20	4.0	-1.717	-0.0020	-2.5 to 2.5	Pass
						4.0	0.043	0.0001	-2.5 to 2.5	Pass
				0	4.0	-1.802	-0.0021	-2.5 to 2.5	Pass	
					10	4.0	-0.501	-0.0006	-2.5 to 2.5	Pass
30				4.0	-1.688	-0.0020	-2.5 to 2.5	Pass		
40				4.0	-1.717	-0.0020	-2.5 to 2.5	Pass		
50	4.0	-1.860	-0.0022	-2.5 to 2.5	Pass					
16QAM	829	50	0	20	3.55	0.100	0.0001	-2.5 to 2.5	Pass	
					4.0	1.230	0.0015	-2.5 to 2.5	Pass	
					4.4	-0.544	-0.0007	-2.5 to 2.5	Pass	
				-30	4.0	0.000	0.0000	-2.5 to 2.5	Pass	
					-20	4.0	-0.629	-0.0008	-2.5 to 2.5	Pass
						4.0	-1.016	-0.0012	-2.5 to 2.5	Pass
				0	4.0	0.100	0.0001	-2.5 to 2.5	Pass	
					10	4.0	0.644	0.0008	-2.5 to 2.5	Pass
				30	4.0	1.187	0.0014	-2.5 to 2.5	Pass	
				40	4.0	0.272	0.0003	-2.5 to 2.5	Pass	
	50	4.0	1.216	0.0015	-2.5 to 2.5	Pass				
	836.5	50	0	20	3.55	0.243	0.0003	-2.5 to 2.5	Pass	



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**Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 20 of 290

64QAM	844	50	0		4.0	0.529	0.0006	-2.5 to 2.5	Pass	
					4.4	-0.272	-0.0003	-2.5 to 2.5	Pass	
				-30	4.0	0.000	0.0000	-2.5 to 2.5	Pass	
				-20	4.0	0.429	0.0005	-2.5 to 2.5	Pass	
				-10	4.0	0.472	0.0006	-2.5 to 2.5	Pass	
				0	4.0	0.529	0.0006	-2.5 to 2.5	Pass	
				10	4.0	0.758	0.0009	-2.5 to 2.5	Pass	
				30	4.0	0.730	0.0009	-2.5 to 2.5	Pass	
				40	4.0	-0.072	-0.0001	-2.5 to 2.5	Pass	
	50	4.0	0.000	0.0000	-2.5 to 2.5	Pass				
	844	50	0	20	3.55	-2.518	-0.0030	-2.5 to 2.5	Pass	
					4.0	-2.060	-0.0024	-2.5 to 2.5	Pass	
					4.4	-1.001	-0.0012	-2.5 to 2.5	Pass	
					-30	4.0	-0.930	-0.0011	-2.5 to 2.5	Pass
					-20	4.0	-1.931	-0.0023	-2.5 to 2.5	Pass
					-10	4.0	-1.001	-0.0012	-2.5 to 2.5	Pass
					0	4.0	-0.873	-0.0010	-2.5 to 2.5	Pass
					10	4.0	-1.717	-0.0020	-2.5 to 2.5	Pass
				30	4.0	0.029	0.0000	-2.5 to 2.5	Pass	
	40	4.0	-0.372	-0.0004	-2.5 to 2.5	Pass				
	50	4.0	-1.845	-0.0022	-2.5 to 2.5	Pass				
64QAM	829	50	0	20	3.55	-0.362	-0.0004	-2.5 to 2.5	Pass	
					4.0	0.947	0.0011	-2.5 to 2.5	Pass	
					4.4	0.779	0.0009	-2.5 to 2.5	Pass	
					-30	4.0	0.871	0.0011	-2.5 to 2.5	Pass
					-20	4.0	0.591	0.0007	-2.5 to 2.5	Pass
					-10	4.0	0.210	0.0003	-2.5 to 2.5	Pass
					0	4.0	0.597	0.0007	-2.5 to 2.5	Pass
					10	4.0	1.204	0.0015	-2.5 to 2.5	Pass
					30	4.0	0.918	0.0011	-2.5 to 2.5	Pass
		40	4.0	1.376	0.0017	-2.5 to 2.5	Pass			
		50	4.0	0.849	0.0010	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.55	-0.086	-0.0001	-2.5 to 2.5	Pass	
					4.0	0.147	0.0002	-2.5 to 2.5	Pass	
					4.4	-0.465	-0.0006	-2.5 to 2.5	Pass	
					-30	4.0	-0.489	-0.0006	-2.5 to 2.5	Pass
					-20	4.0	-2.469	-0.0030	-2.5 to 2.5	Pass
					-10	4.0	-2.223	-0.0027	-2.5 to 2.5	Pass
					0	4.0	-2.079	-0.0025	-2.5 to 2.5	Pass
					10	4.0	-1.820	-0.0022	-2.5 to 2.5	Pass
					30	4.0	-1.505	-0.0018	-2.5 to 2.5	Pass
		40	4.0	-1.242	-0.0015	-2.5 to 2.5	Pass			
		50	4.0	-1.797	-0.0021	-2.5 to 2.5	Pass			
	844	50	0	20	3.55	-0.828	-0.0010	-2.5 to 2.5	Pass	
					4.0	-1.175	-0.0014	-2.5 to 2.5	Pass	
					4.4	-0.928	-0.0011	-2.5 to 2.5	Pass	
					-30	4.0	-0.949	-0.0011	-2.5 to 2.5	Pass
					-20	4.0	-0.939	-0.0011	-2.5 to 2.5	Pass



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Report No.: SZCR240100038408  
 Rev.: 01  
 Page: 21 of 290

				-10	4.0	-1.087	-0.0013	-2.5 to 2.5	Pass				
				0	4.0	-1.647	-0.0020	-2.5 to 2.5	Pass				
				10	4.0	-1.545	-0.0018	-2.5 to 2.5	Pass				
				30	4.0	-1.486	-0.0018	-2.5 to 2.5	Pass				
				40	4.0	-1.681	-0.0020	-2.5 to 2.5	Pass				
				50	4.0	-0.256	-0.0003	-2.5 to 2.5	Pass				
256QAM	829	50	0	20	3.55	1.259	0.0015	-2.5 to 2.5	Pass				
					4.0	0.643	0.0008	-2.5 to 2.5	Pass				
					4.4	0.993	0.0012	-2.5 to 2.5	Pass				
								-30	4.0	0.482	0.0006	-2.5 to 2.5	Pass
								-20	4.0	-0.344	-0.0004	-2.5 to 2.5	Pass
								-10	4.0	0.411	0.0005	-2.5 to 2.5	Pass
								0	4.0	-0.275	-0.0003	-2.5 to 2.5	Pass
								10	4.0	0.267	0.0003	-2.5 to 2.5	Pass
								30	4.0	-0.062	-0.0001	-2.5 to 2.5	Pass
								40	4.0	-0.690	-0.0008	-2.5 to 2.5	Pass
								50	4.0	-0.745	-0.0009	-2.5 to 2.5	Pass
					836.5	50	0	20	3.55	-1.397	-0.0017	-2.5 to 2.5	Pass
	4.0	-1.694	-0.0020	-2.5 to 2.5					Pass				
	4.4	-1.854	-0.0022	-2.5 to 2.5					Pass				
								-30	4.0	-0.820	-0.0010	-2.5 to 2.5	Pass
								-20	4.0	-1.762	-0.0021	-2.5 to 2.5	Pass
								-10	4.0	-1.114	-0.0013	-2.5 to 2.5	Pass
								0	4.0	-1.674	-0.0020	-2.5 to 2.5	Pass
								10	4.0	-2.372	-0.0028	-2.5 to 2.5	Pass
								30	4.0	-1.531	-0.0018	-2.5 to 2.5	Pass
								40	4.0	-2.085	-0.0025	-2.5 to 2.5	Pass
								50	4.0	-1.959	-0.0023	-2.5 to 2.5	Pass
		844	50	0				20	3.55	0.016	0.0000	-2.5 to 2.5	Pass
	4.0				0.624	0.0007	-2.5 to 2.5		Pass				
4.4	0.504				0.0006	-2.5 to 2.5	Pass						
							-30	4.0	-0.483	-0.0006	-2.5 to 2.5	Pass	
							-20	4.0	-0.187	-0.0002	-2.5 to 2.5	Pass	
							-10	4.0	-0.845	-0.0010	-2.5 to 2.5	Pass	
							0	4.0	-0.077	-0.0001	-2.5 to 2.5	Pass	
							10	4.0	0.157	0.0002	-2.5 to 2.5	Pass	
							30	4.0	-0.810	-0.0010	-2.5 to 2.5	Pass	
							40	4.0	0.771	0.0009	-2.5 to 2.5	Pass	
							50	4.0	-0.087	-0.0001	-2.5 to 2.5	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 22 of 290

## 3. 99% & 26dB Bandwidth

### 3.1 Band5\_OBW

#### 3.1.1 Test Result

Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.106	/	Pass
		836.5	6	0	1.101	/	Pass
		848.3	6	0	1.119	/	Pass
	16QAM	824.7	6	0	1.105	/	Pass
		836.5	6	0	1.104	/	Pass
		848.3	6	0	1.107	/	Pass
	64QAM	824.7	6	0	1.101	/	Pass
		836.5	6	0	1.106	/	Pass
		848.3	6	0	1.101	/	Pass
	256QAM	824.7	6	0	1.100	/	Pass
		836.5	6	0	1.102	/	Pass
		848.3	6	0	1.107	/	Pass
3	QPSK	825.5	15	0	2.737	/	Pass
		836.5	15	0	2.741	/	Pass
		847.5	15	0	2.737	/	Pass
	16QAM	825.5	15	0	2.734	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.739	/	Pass
	64QAM	825.5	15	0	2.736	/	Pass
		836.5	15	0	2.724	/	Pass
		847.5	15	0	2.733	/	Pass
	256QAM	825.5	15	0	2.749	/	Pass
		836.5	15	0	2.733	/	Pass
		847.5	15	0	2.745	/	Pass
5	QPSK	826.5	25	0	4.562	/	Pass
		836.5	25	0	4.533	/	Pass
		846.5	25	0	4.548	/	Pass
	16QAM	826.5	25	0	4.547	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.560	/	Pass
	64QAM	826.5	25	0	4.574	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.551	/	Pass
	256QAM	826.5	25	0	4.583	/	Pass
		836.5	25	0	4.557	/	Pass
		846.5	25	0	4.549	/	Pass
10	QPSK	829	50	0	9.072	/	Pass



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Report No.: SZCR240100038408  
Rev.: 01  
Page: 23 of 290

	16QAM	836.5	50	0	9.050	/	Pass	
		844	50	0	9.057	/	Pass	
		829	50	0	9.035	/	Pass	
	64QAM	836.5	50	0	9.040	/	Pass	
		844	50	0	9.056	/	Pass	
		829	50	0	9.074	/	Pass	
	256QAM	836.5	50	0	9.031	/	Pass	
		844	50	0	9.048	/	Pass	
		829	50	0	9.042	/	Pass	
			836.5	50	0	9.050	/	Pass
			844	50	0	9.093	/	Pass



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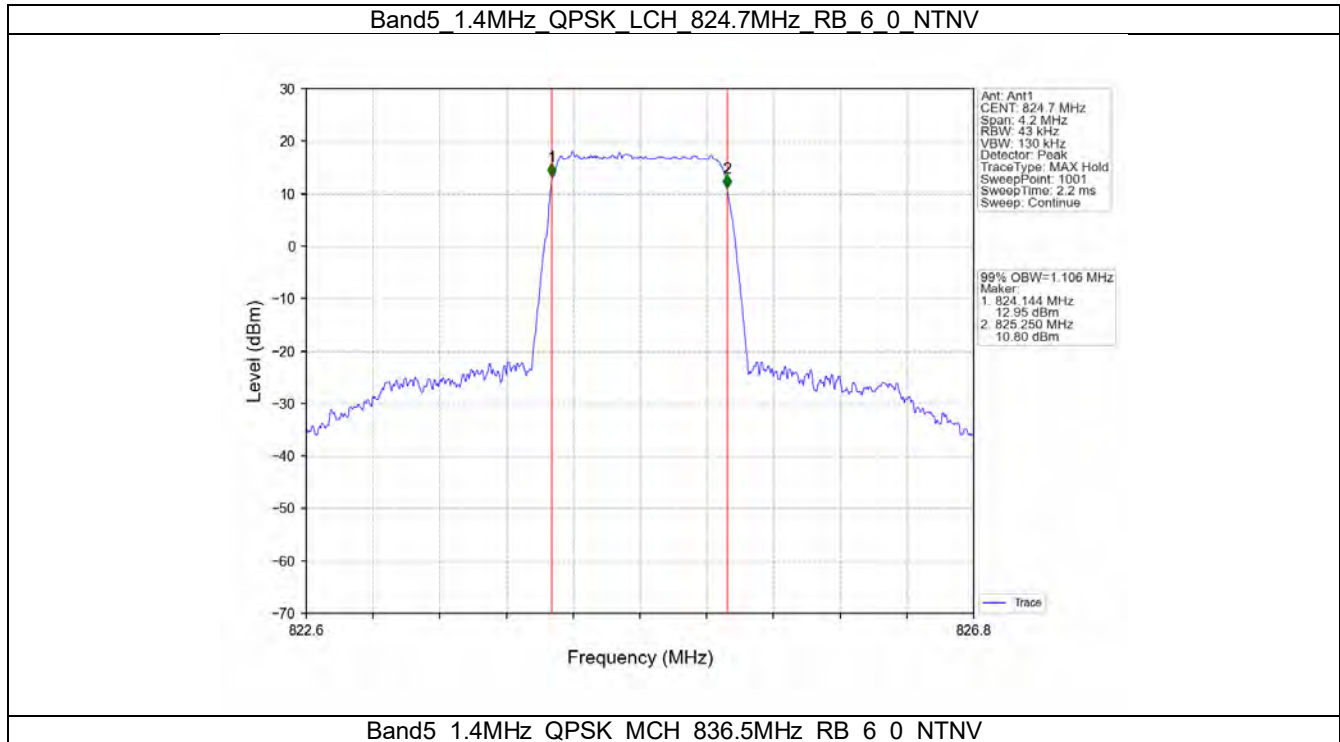
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Report No.: SZCR240100038408

Rev.: 01

Page: 24 of 290

## 3.1.2 Test Graph



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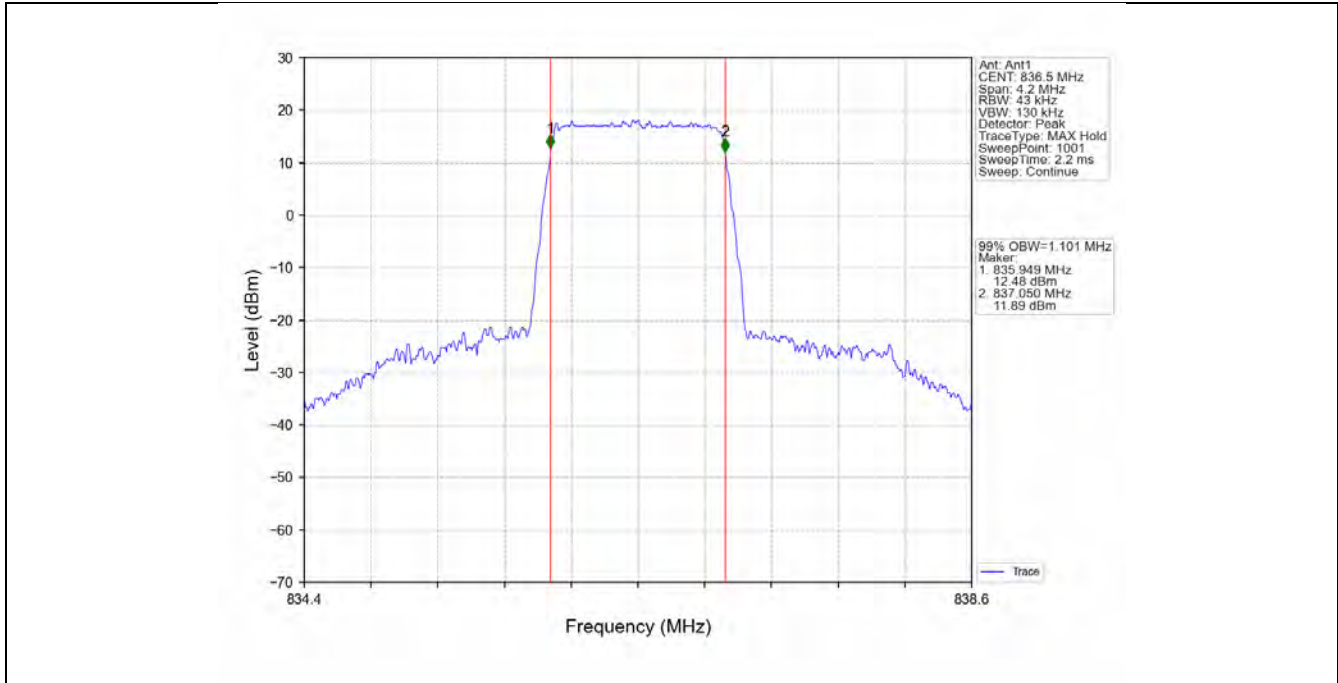


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Rev.: 01

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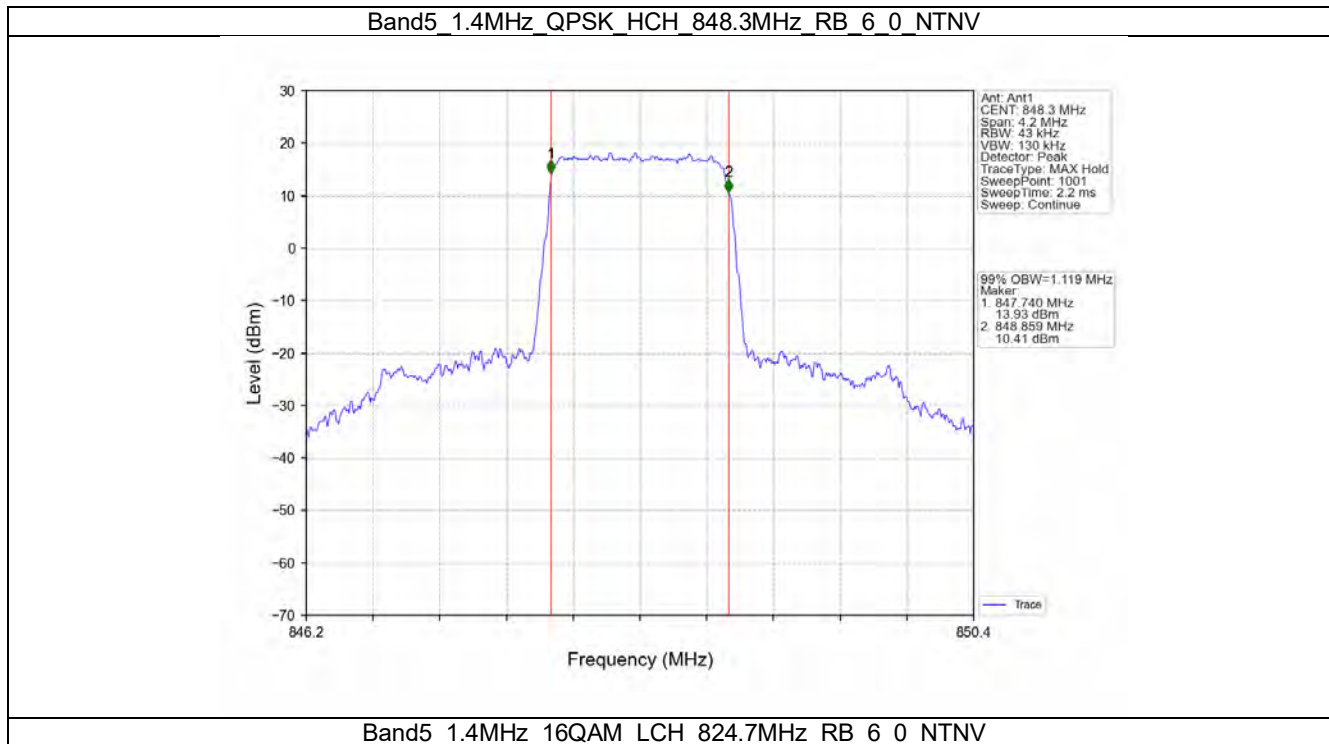
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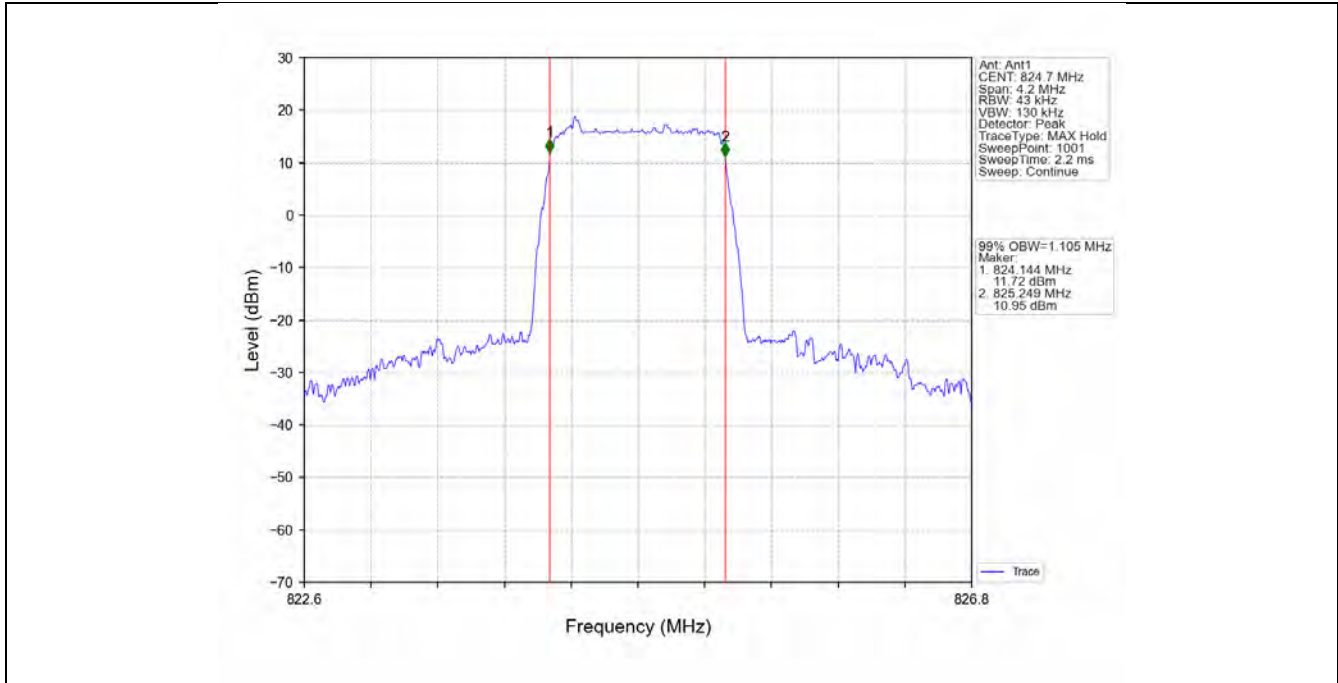


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Report No.: SZCR240100038408

Rev.: 01

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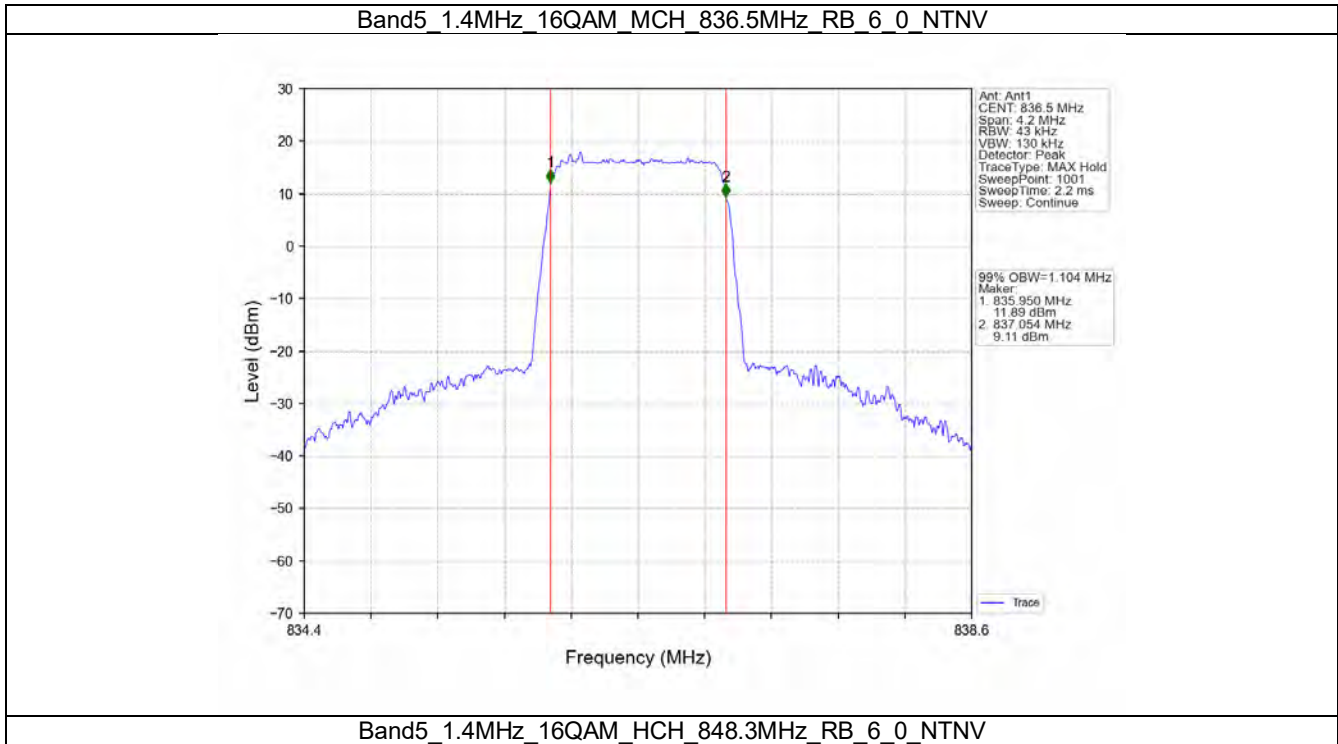


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Report No.: SZCR240100038408

Rev.: 01

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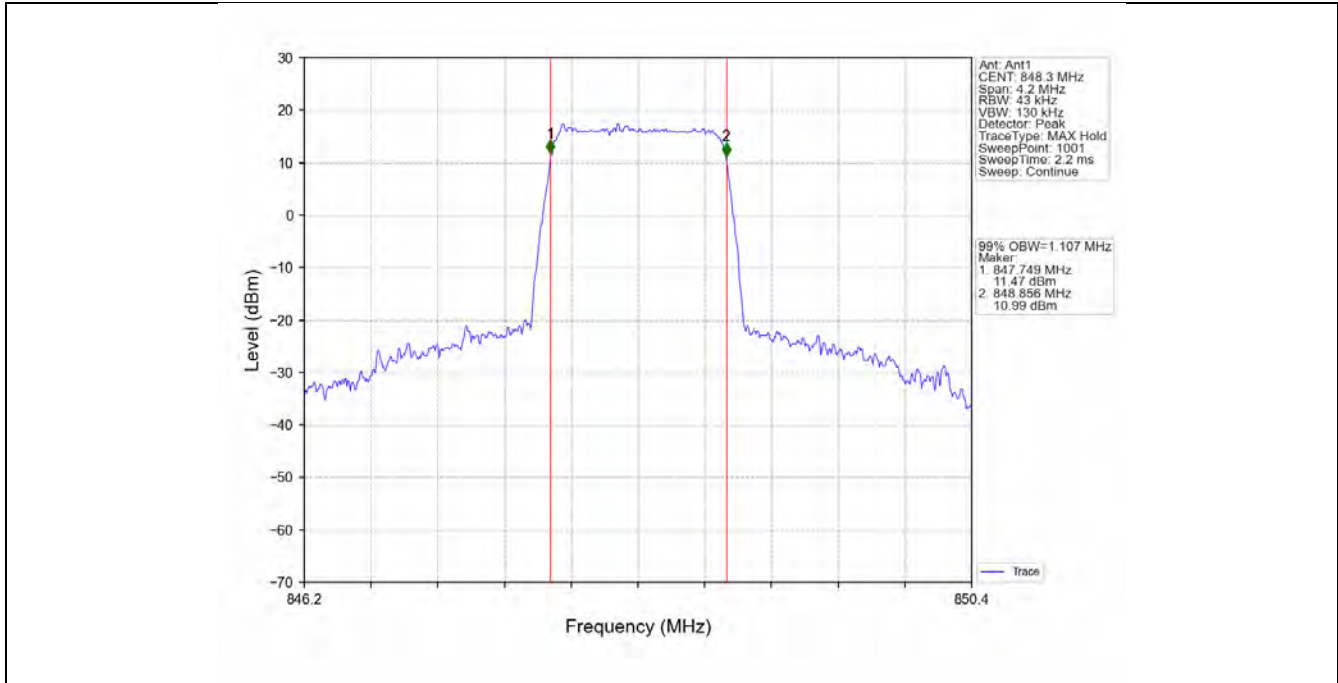


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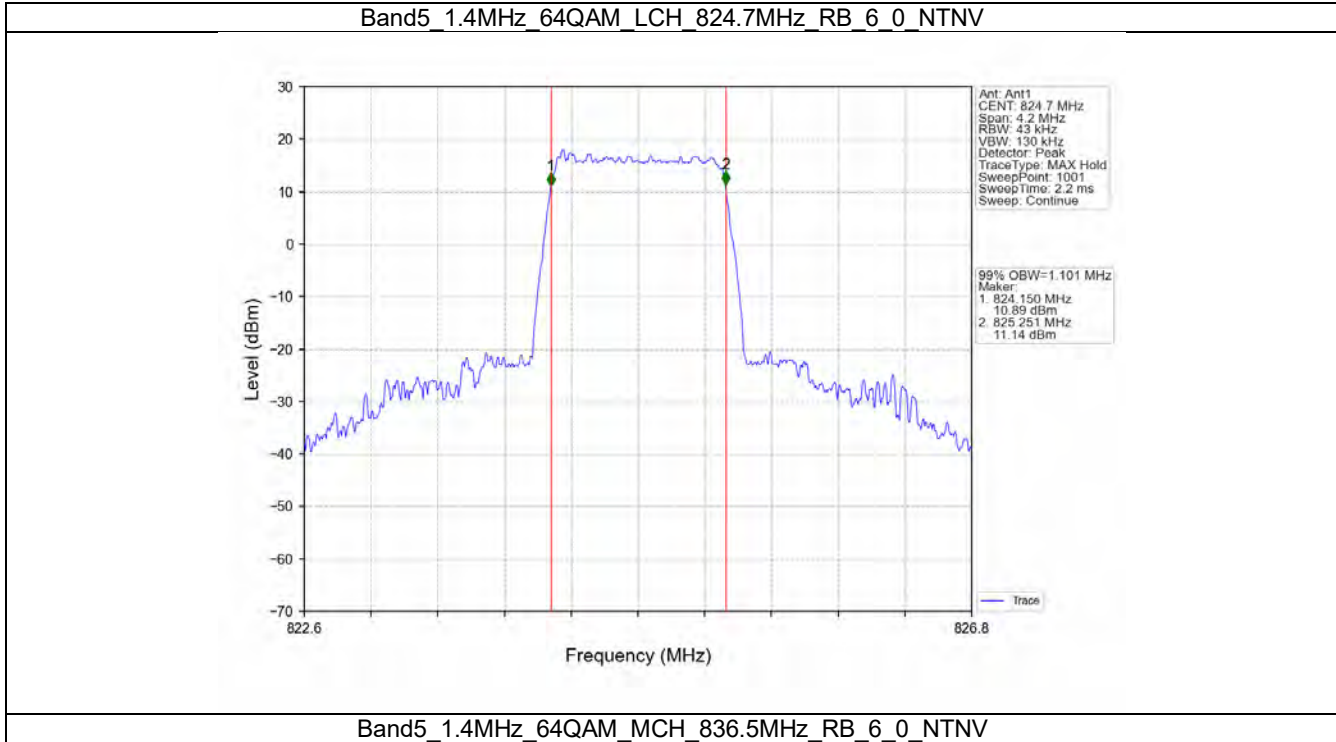


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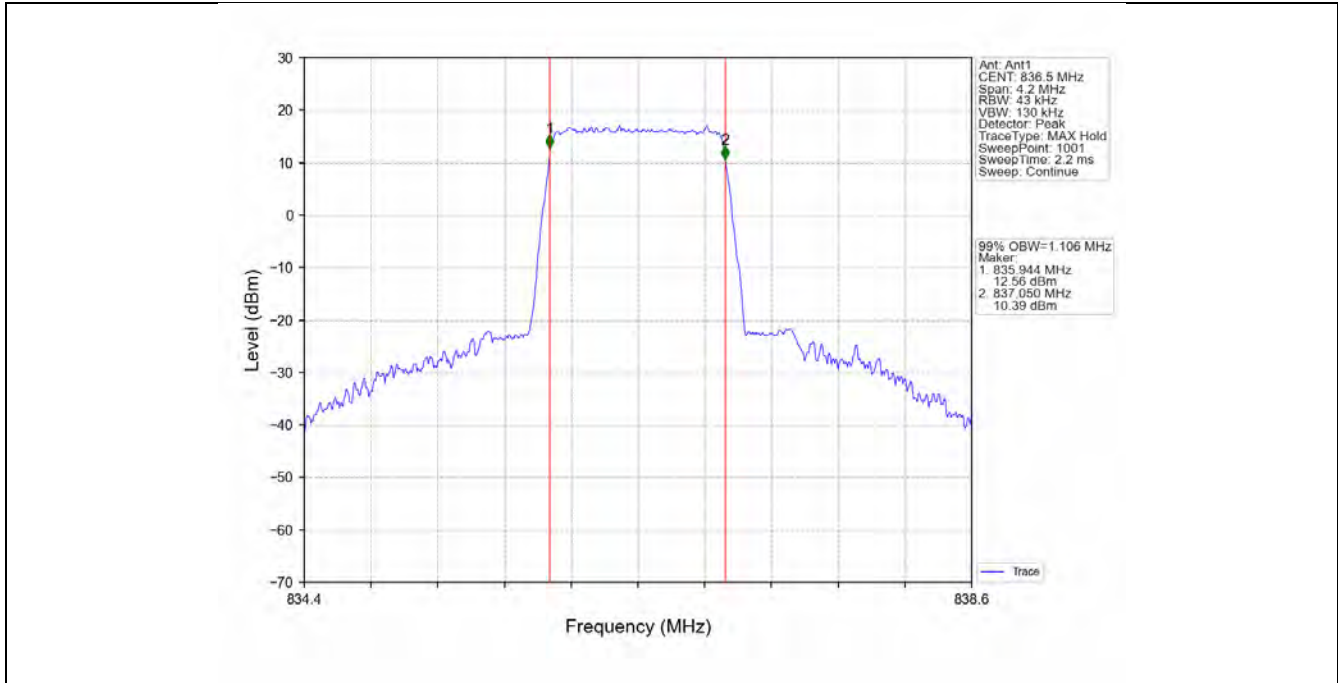


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Report No.: SZCR240100038408

Rev.: 01

Page: 31 of 290



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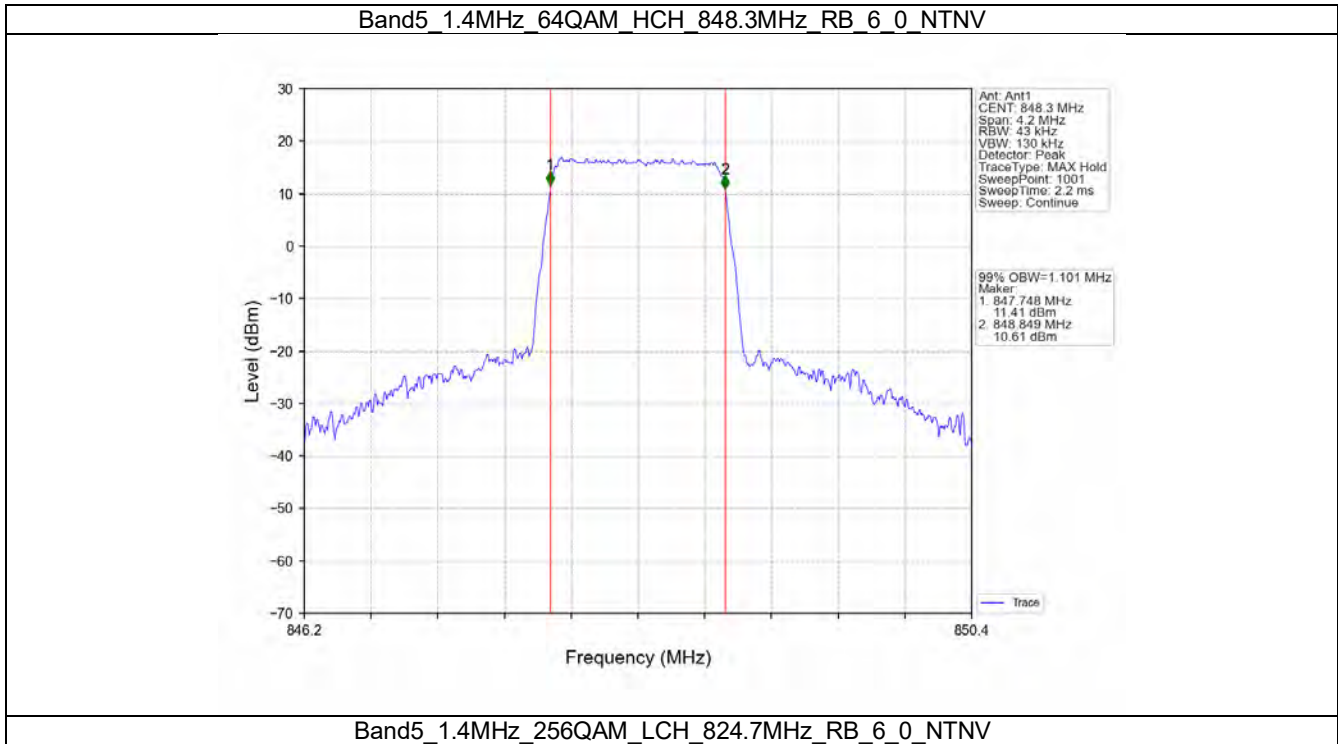


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 32 of 290



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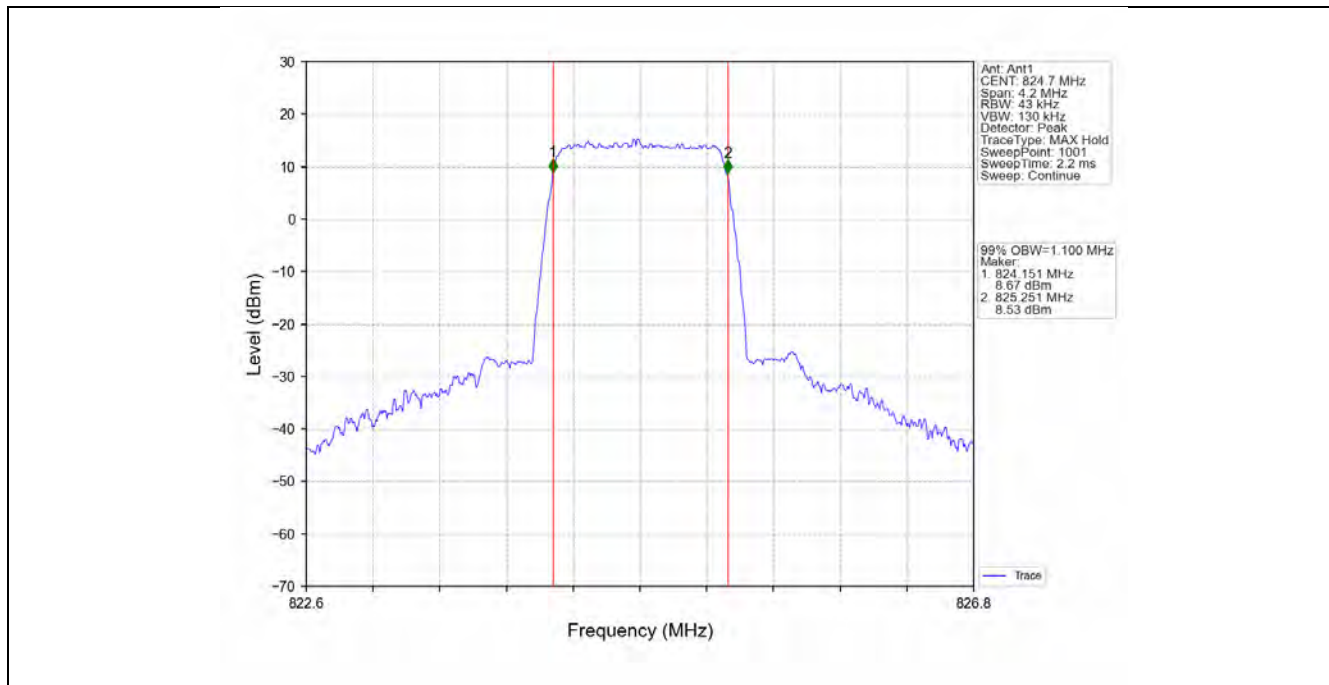
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 33 of 290



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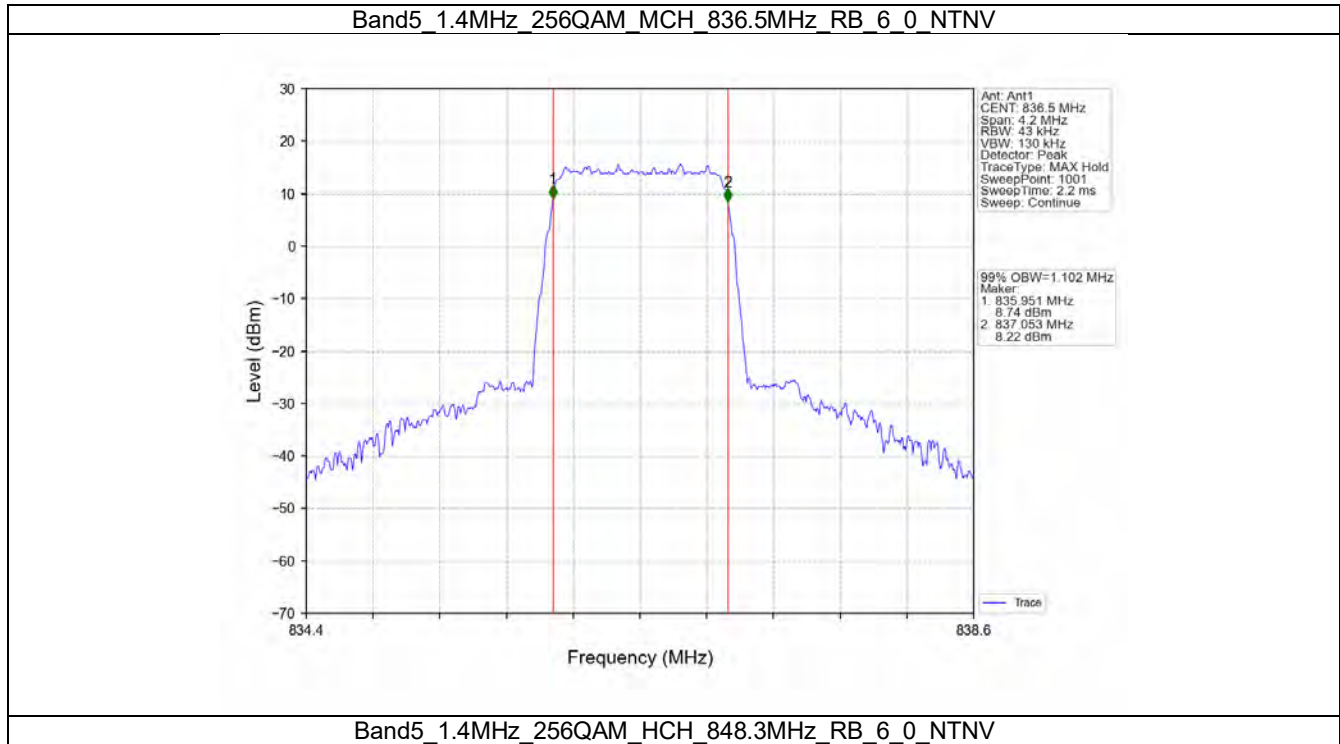


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Report No.: SZCR240100038408

Rev.: 01

Page: 34 of 290



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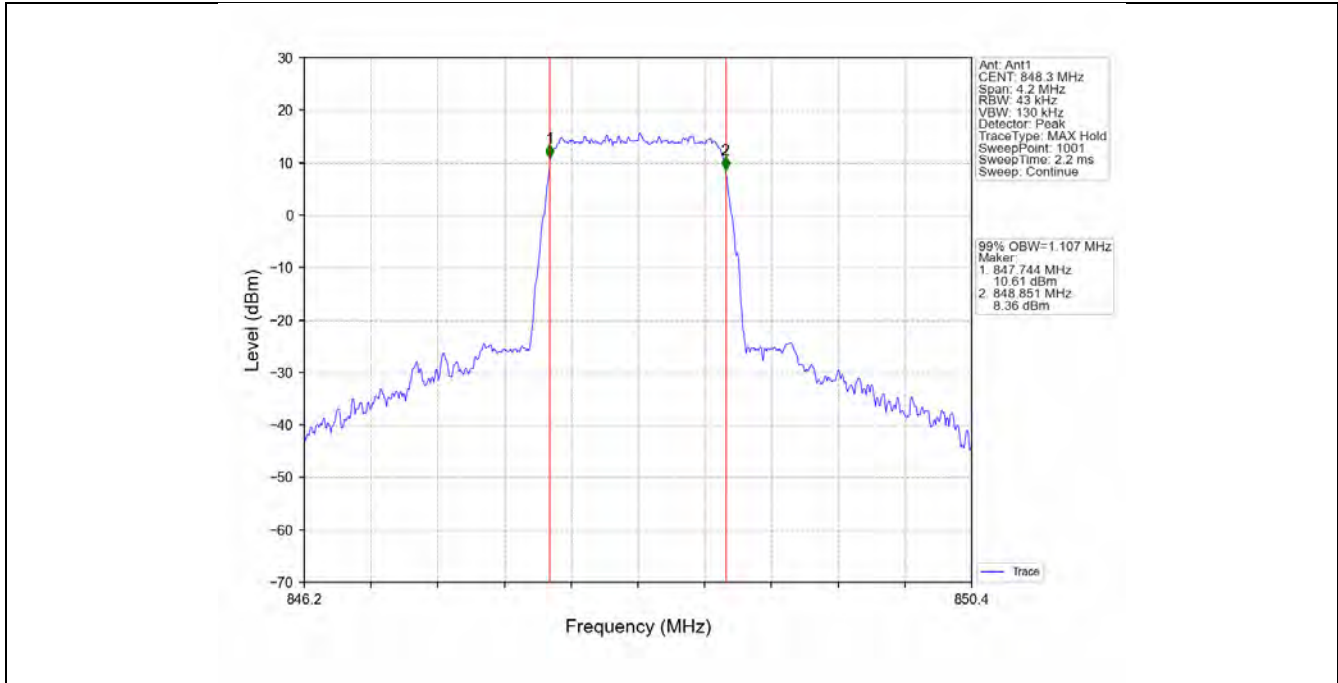


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Report No.: SZCR240100038408

Rev.: 01

Page: 35 of 290



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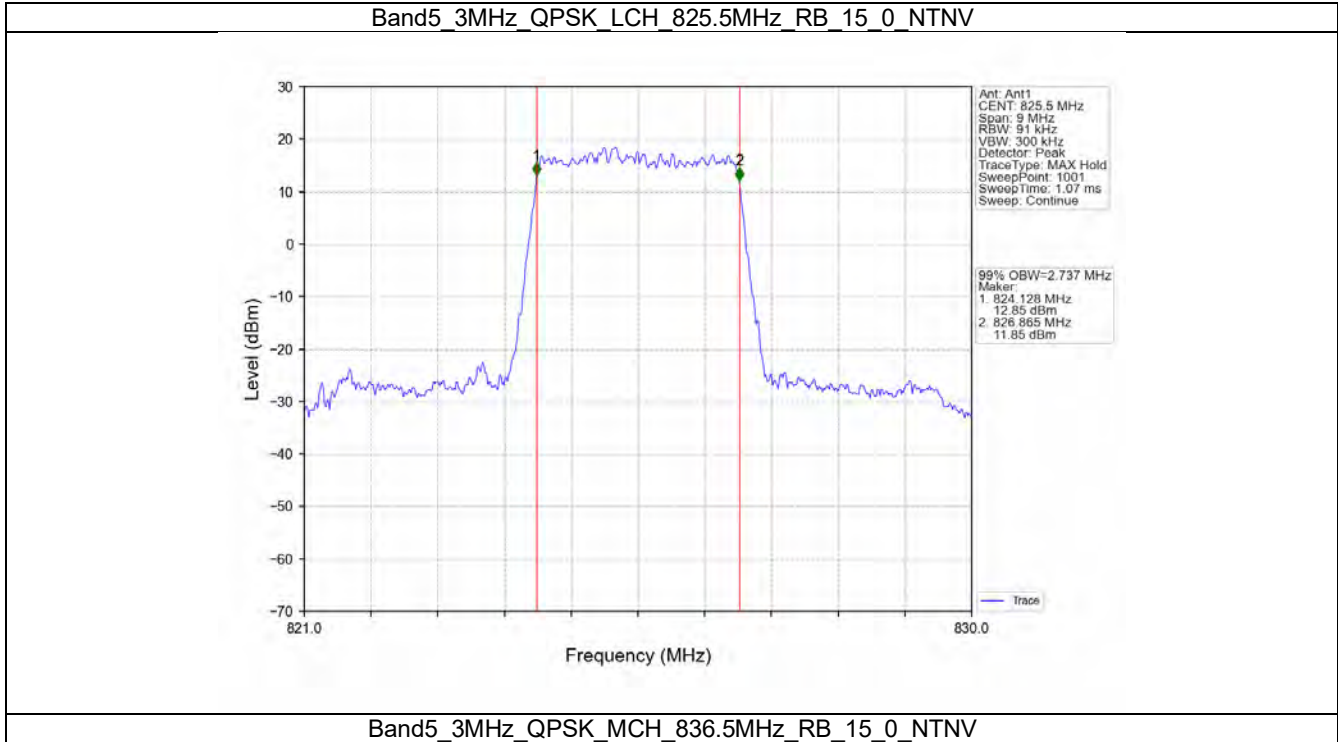


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Report No.: SZCR240100038408

Rev.: 01

Page: 36 of 290



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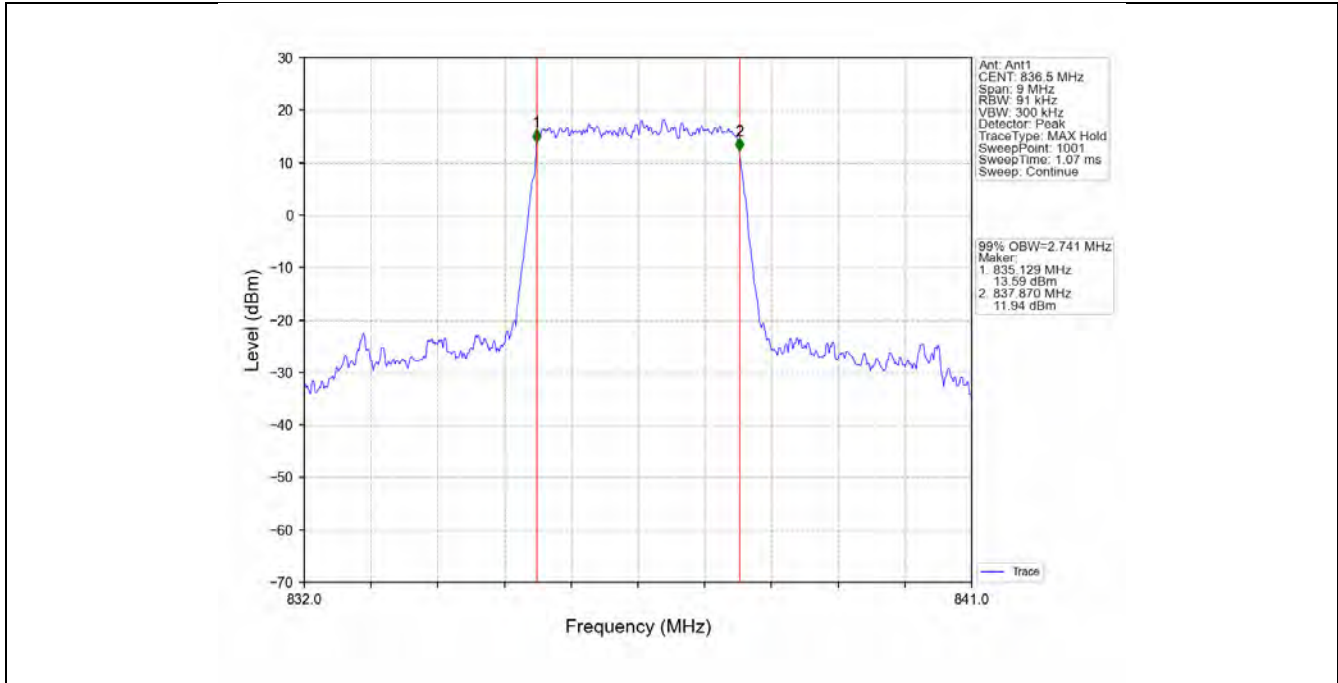


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Report No.: SZCR240100038408

Rev.: 01

Page: 37 of 290



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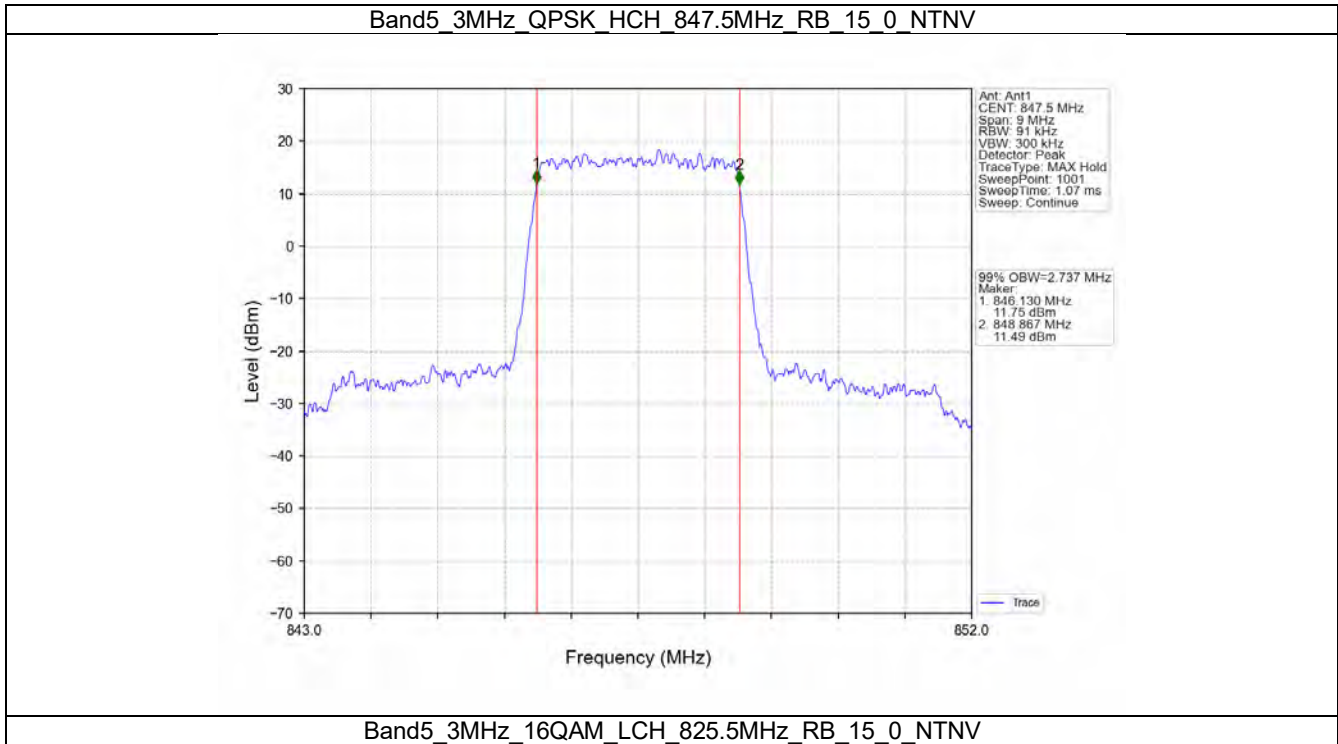


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 38 of 290



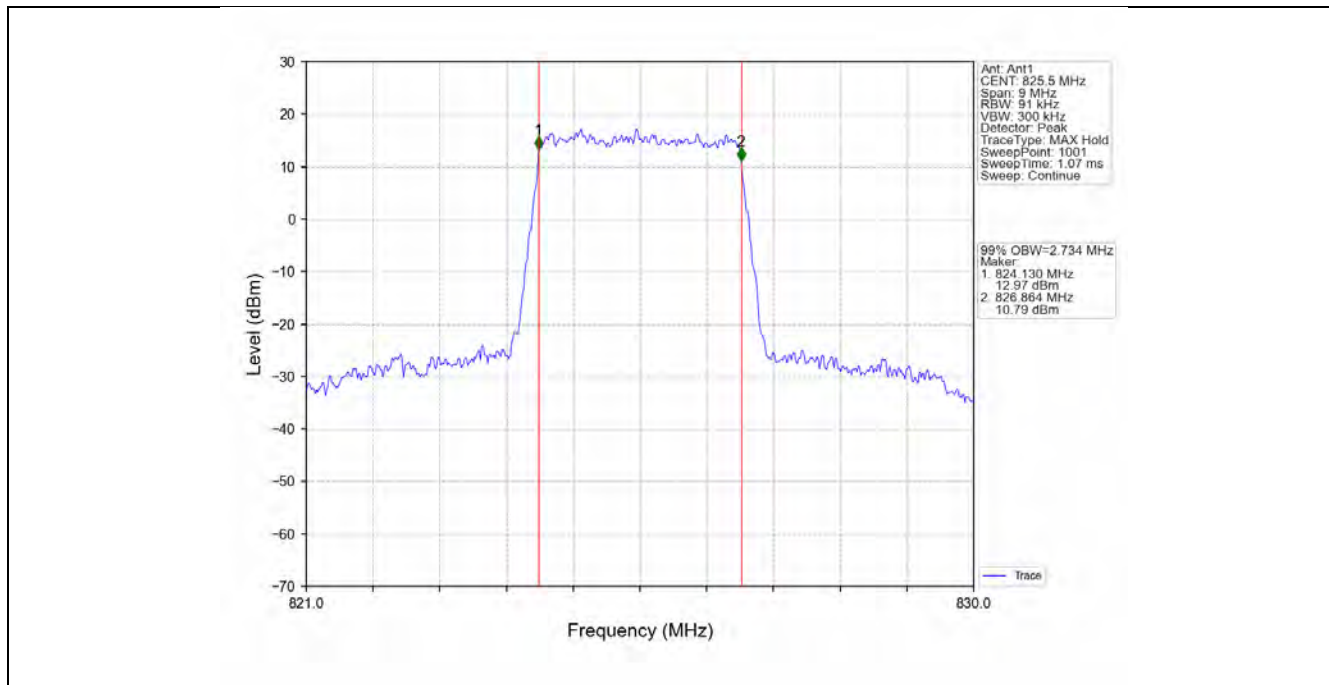
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Page: 39 of 290



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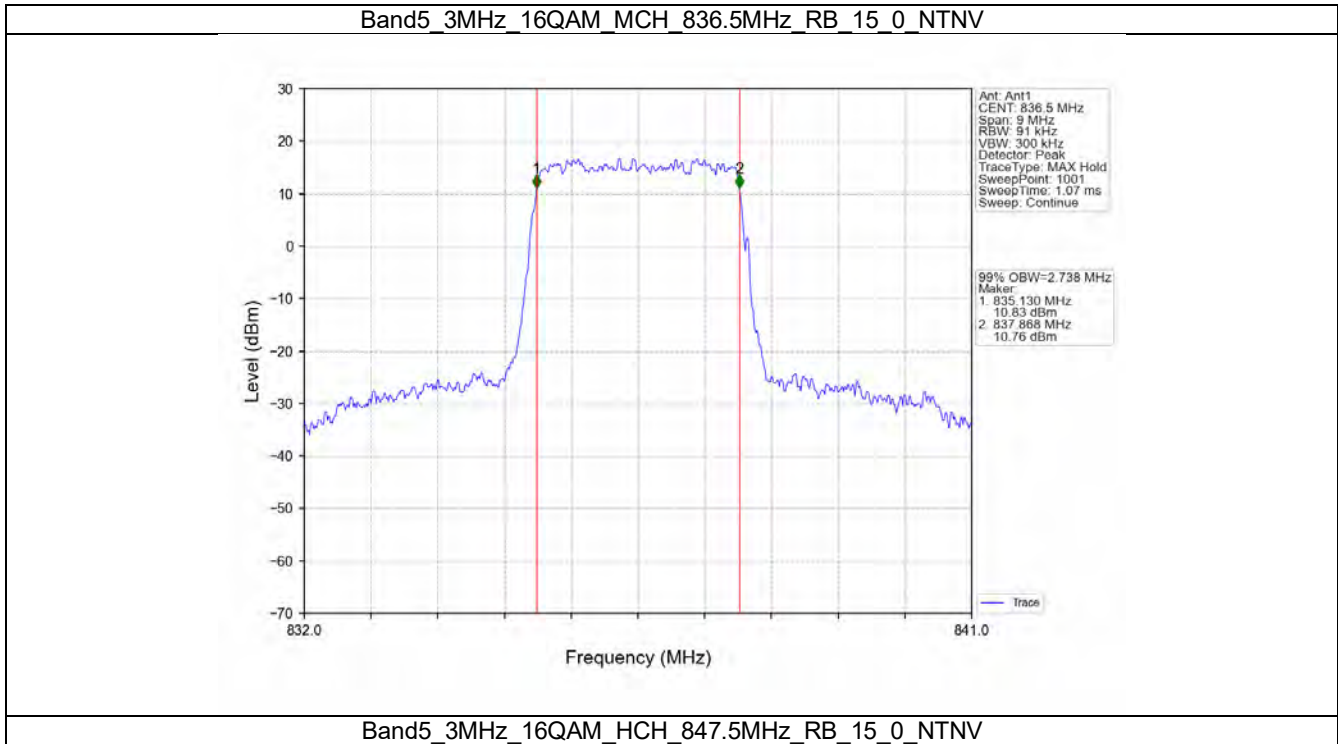


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Rev.: 01

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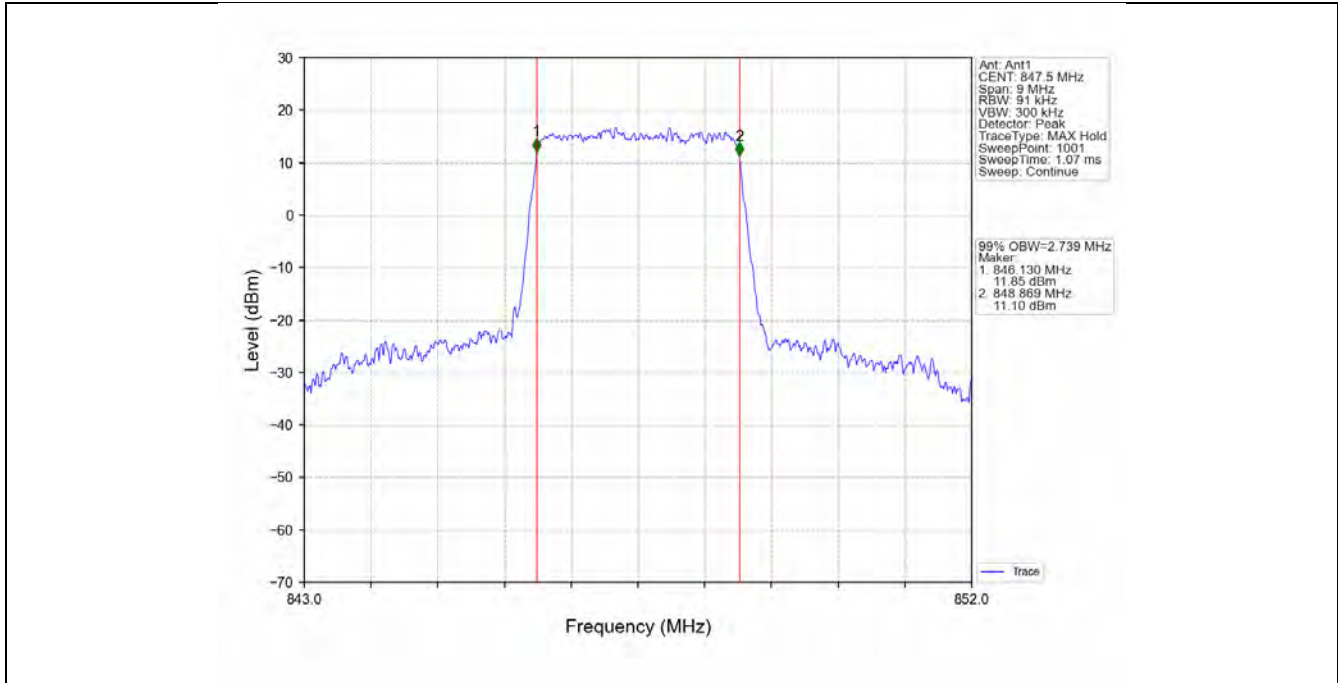


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Rev.: 01

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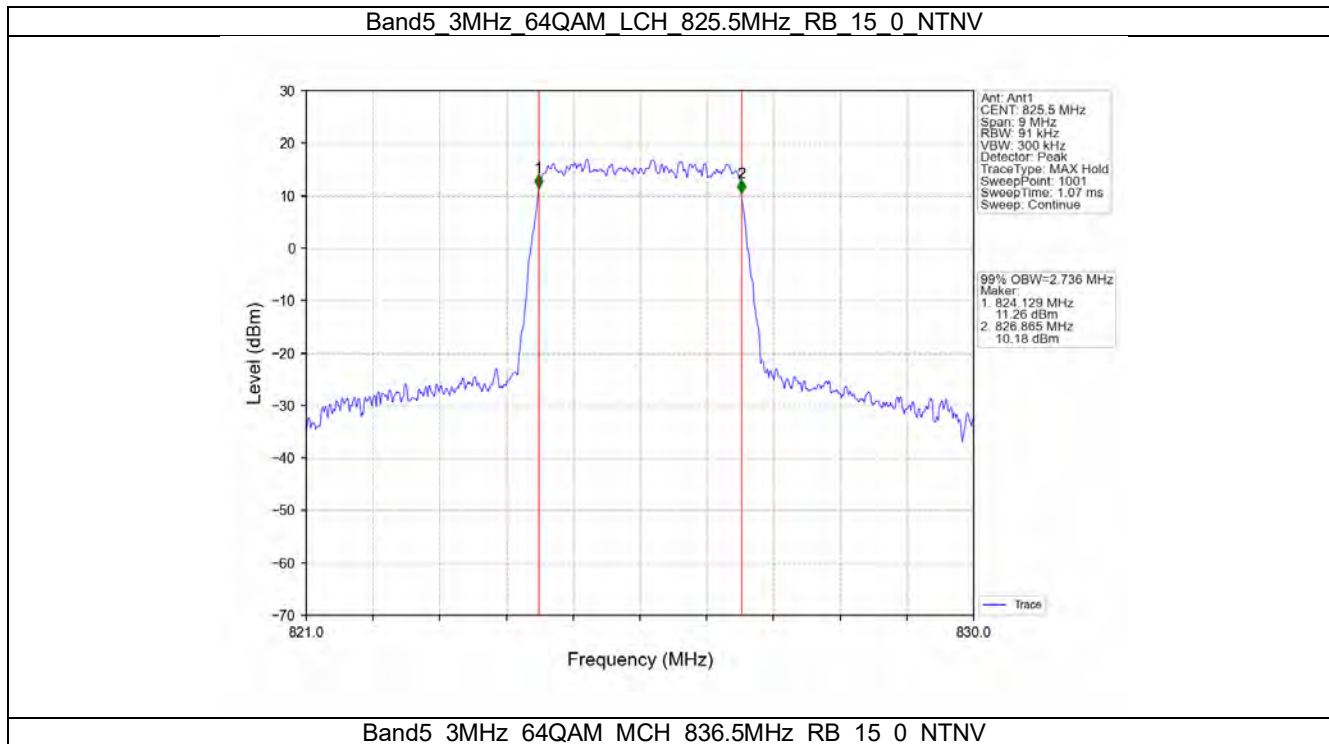
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Rev.: 01  
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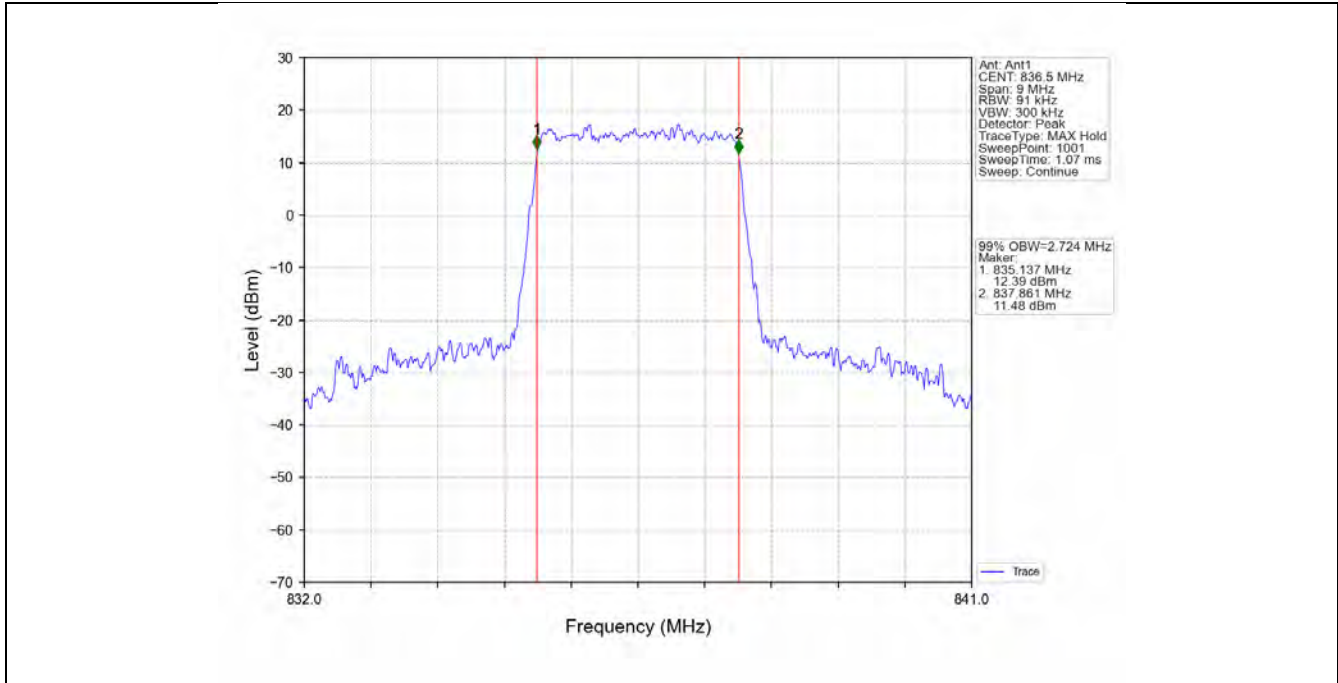


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Report No.: SZCR240100038408

Rev.: 01

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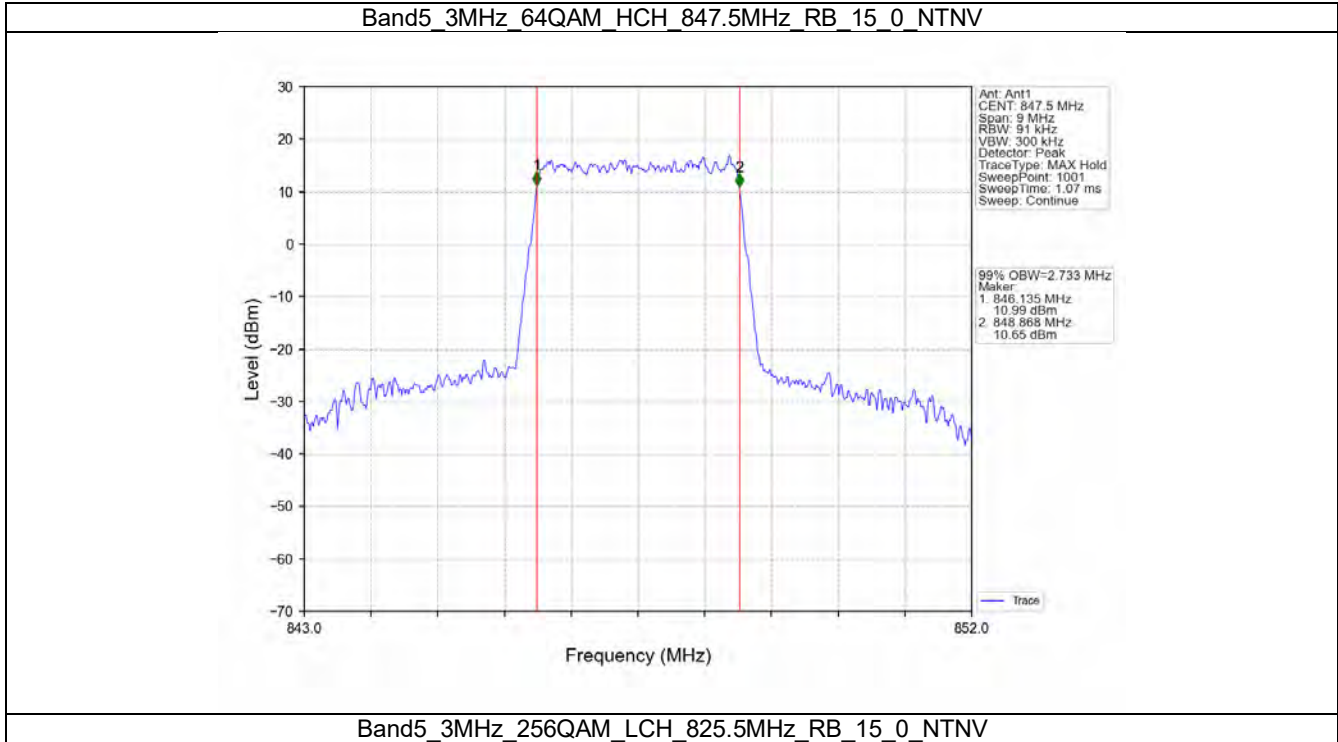


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Report No.: SZCR240100038408

Rev.: 01

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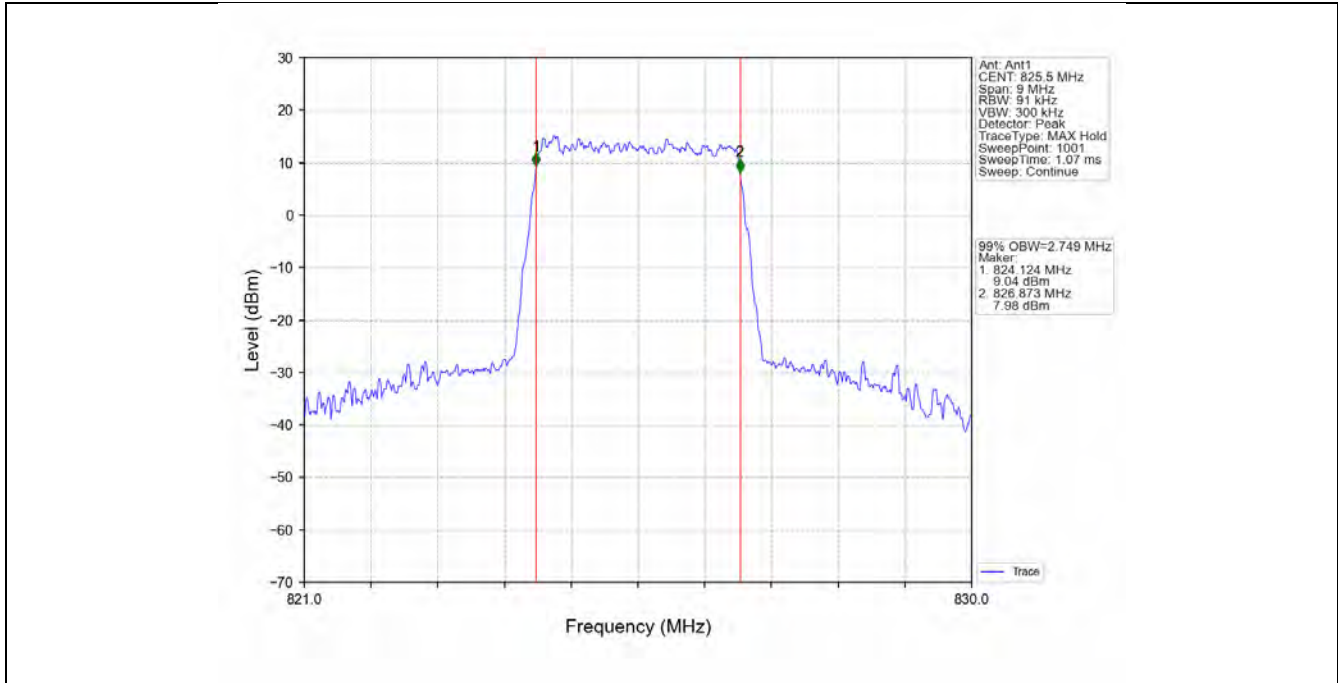


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Report No.: SZCR240100038408

Rev.: 01

Page: 45 of 290



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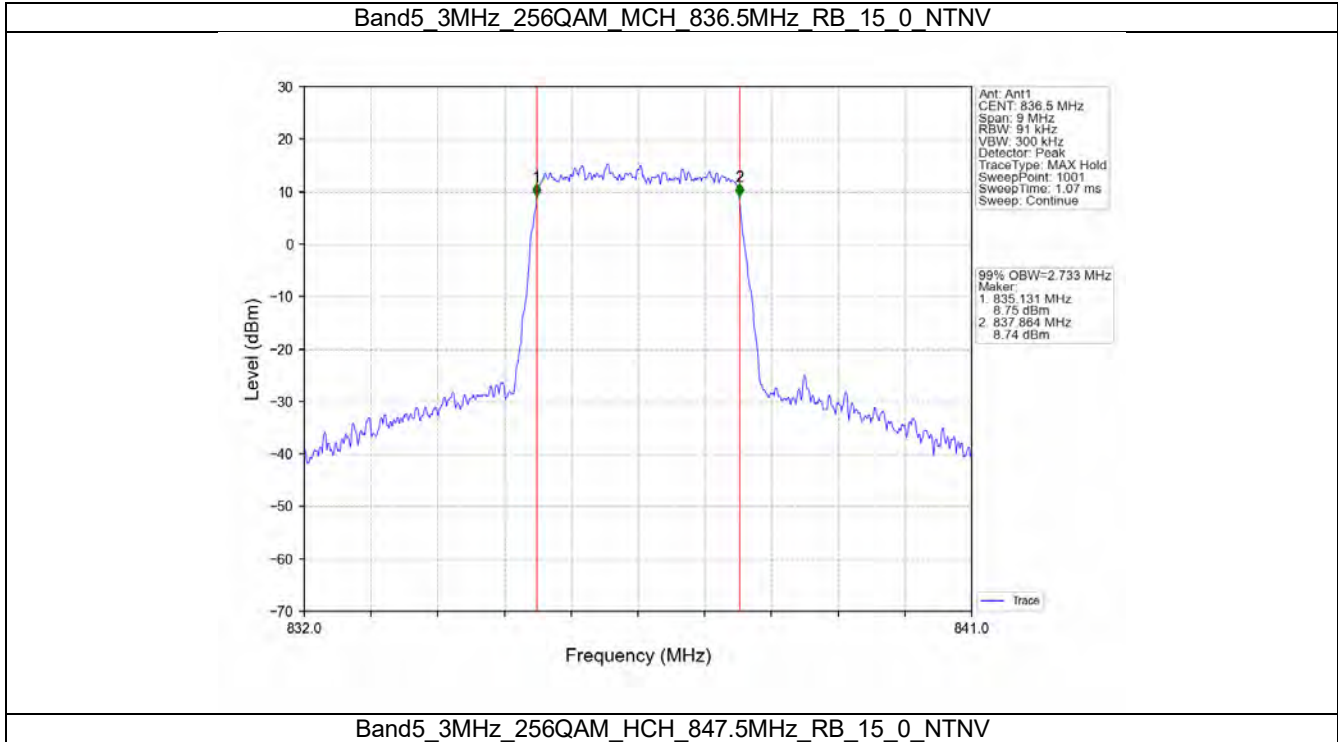


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Report No.: SZCR240100038408

Rev.: 01

Page: 46 of 290



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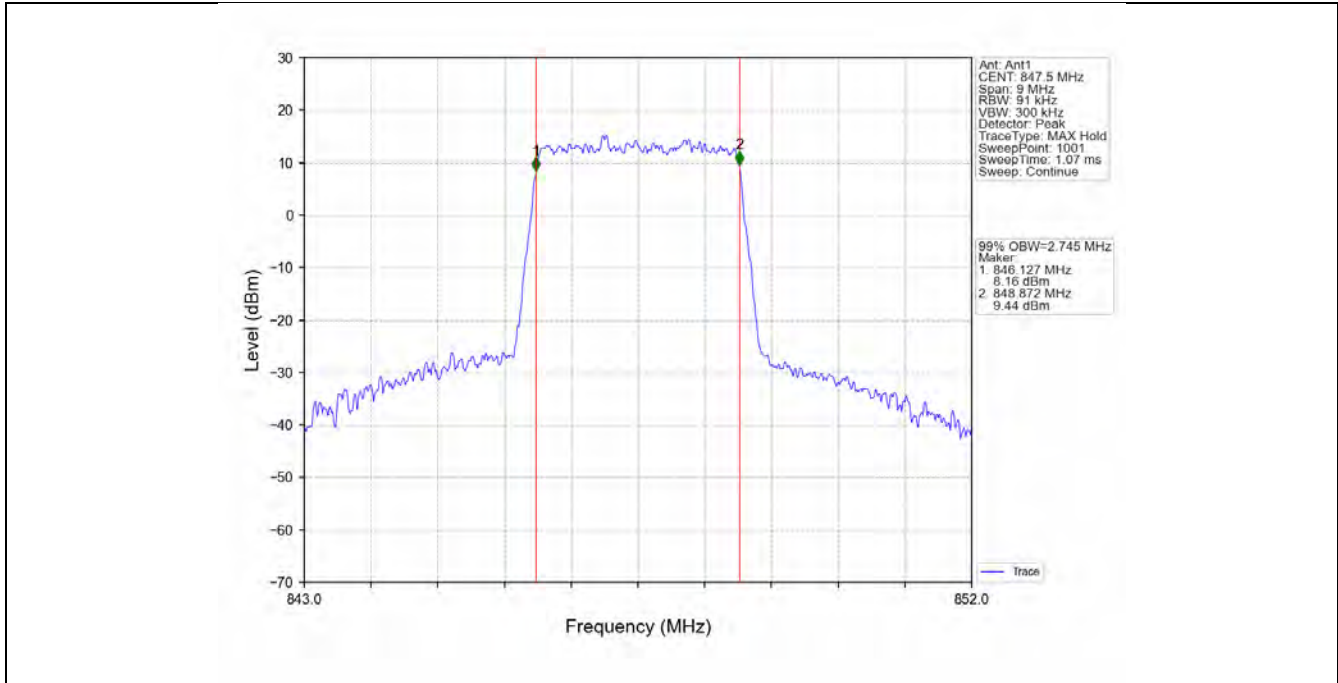


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Report No.: SZCR240100038408

Rev.: 01

Page: 47 of 290



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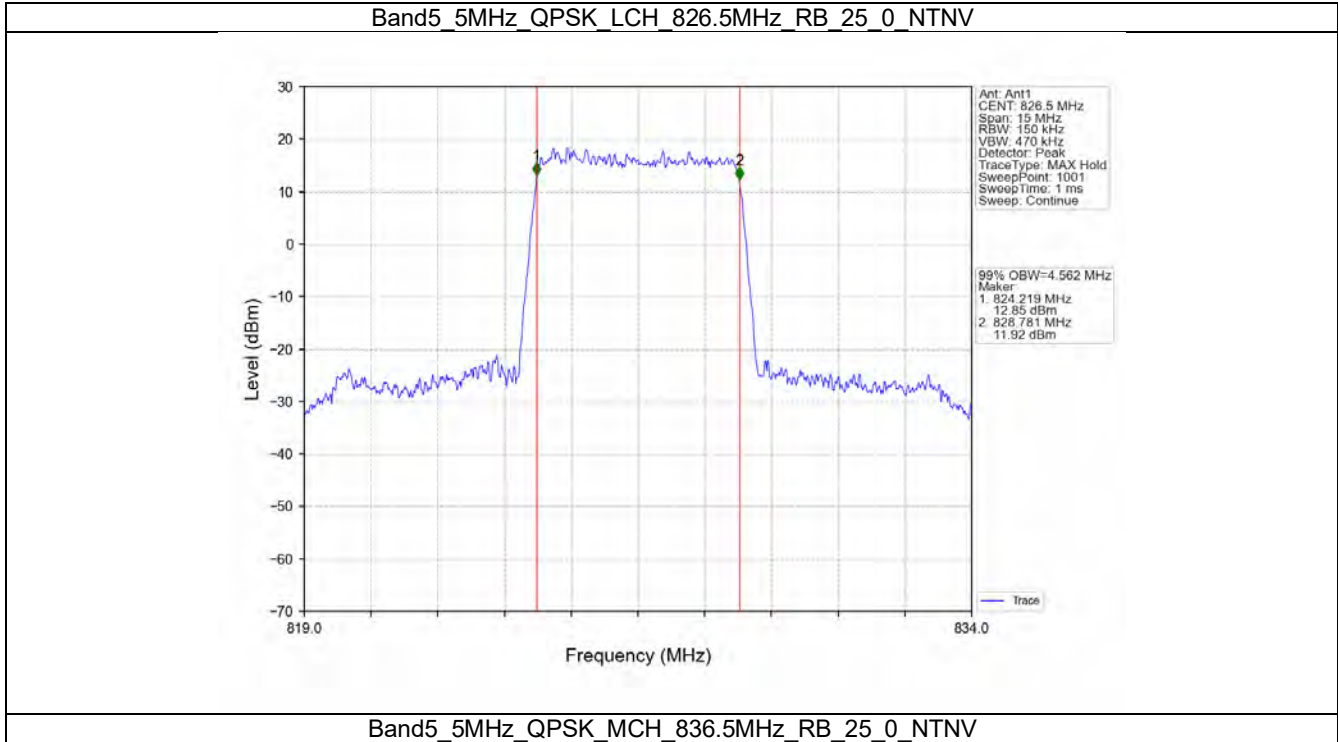


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Report No.: SZCR240100038408

Rev.: 01

Page: 48 of 290



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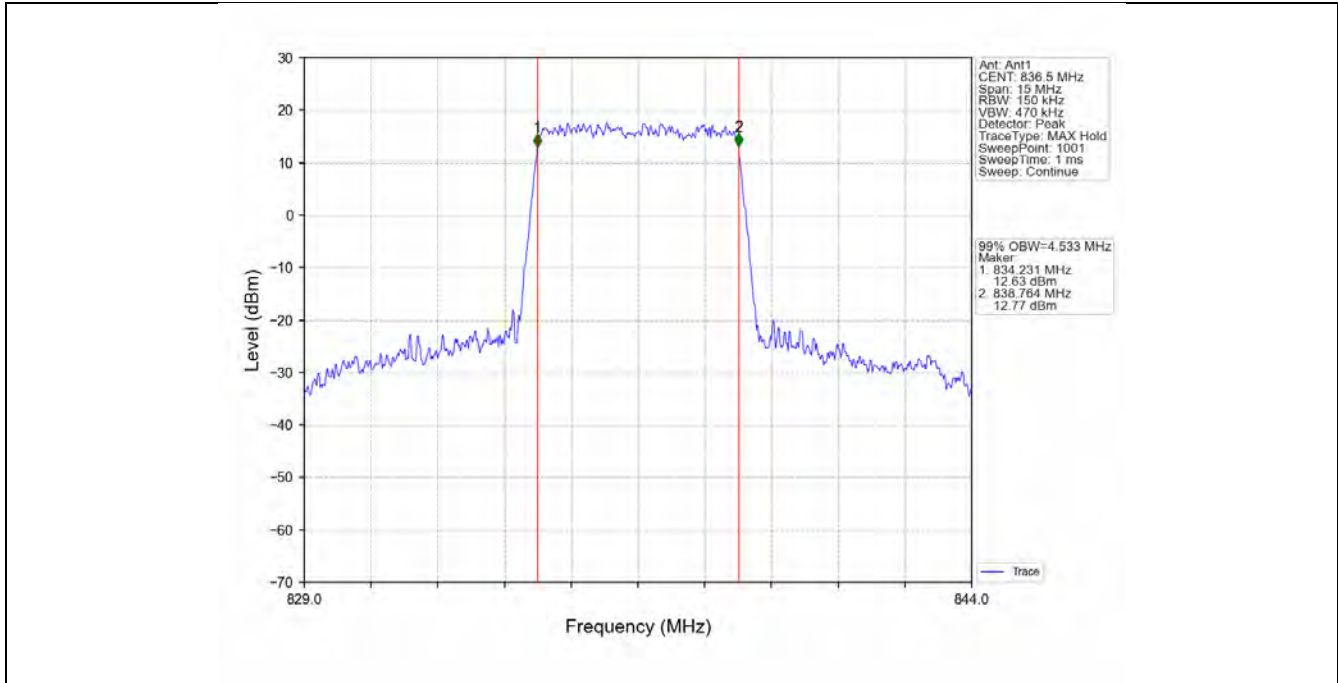


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Report No.: SZCR240100038408

Rev.: 01

Page: 49 of 290



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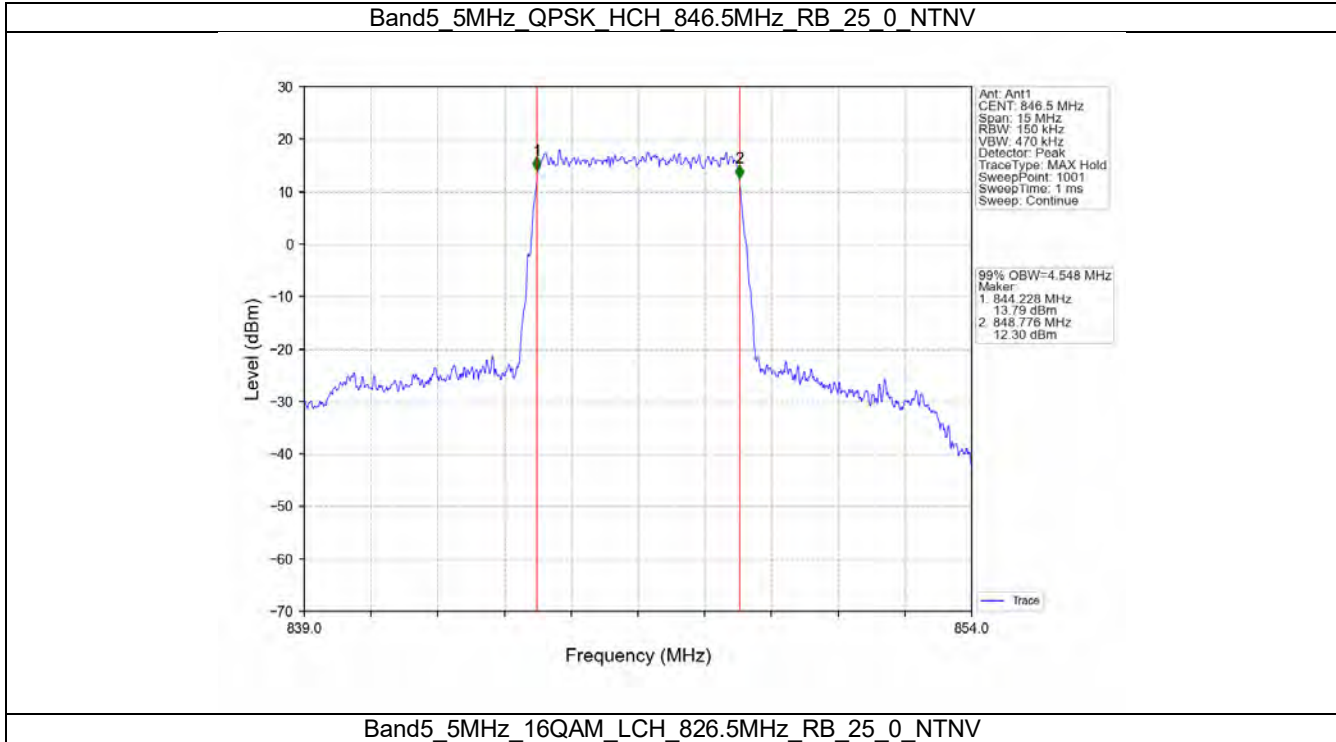


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Report No.: SZCR240100038408

Rev.: 01

Page: 50 of 290



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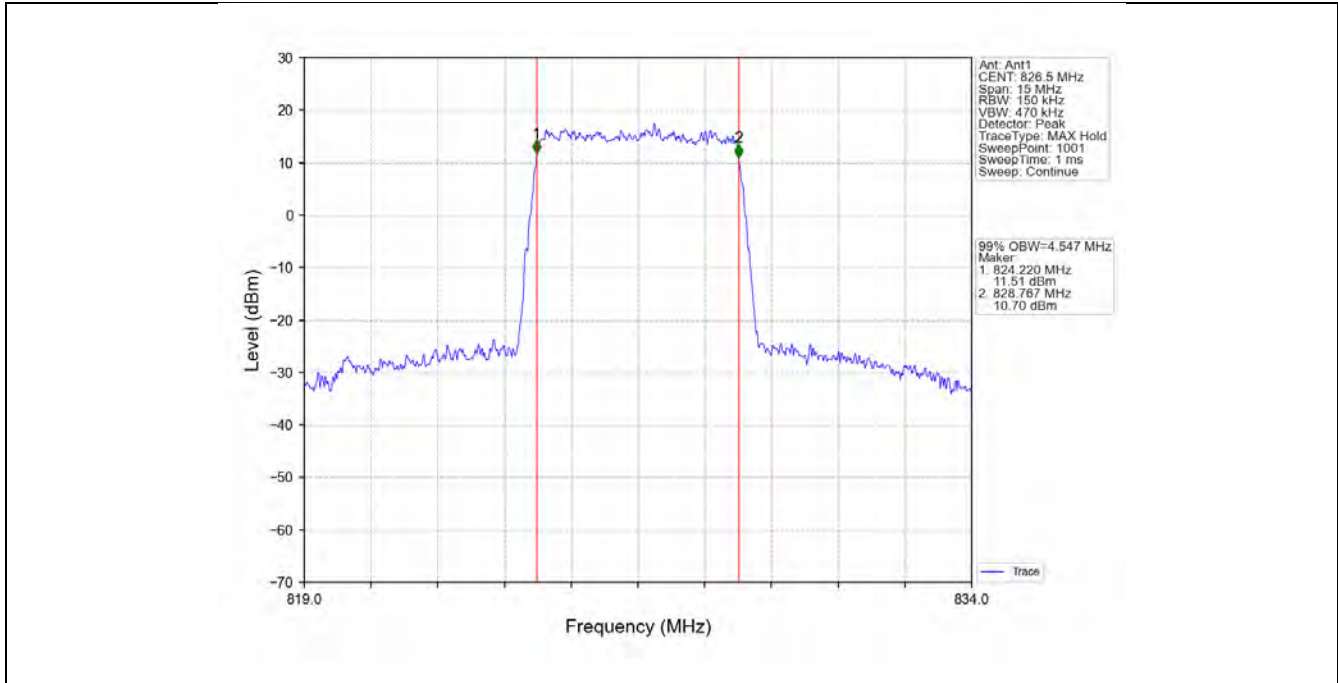


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Report No.: SZCR240100038408

Rev.: 01

Page: 51 of 290



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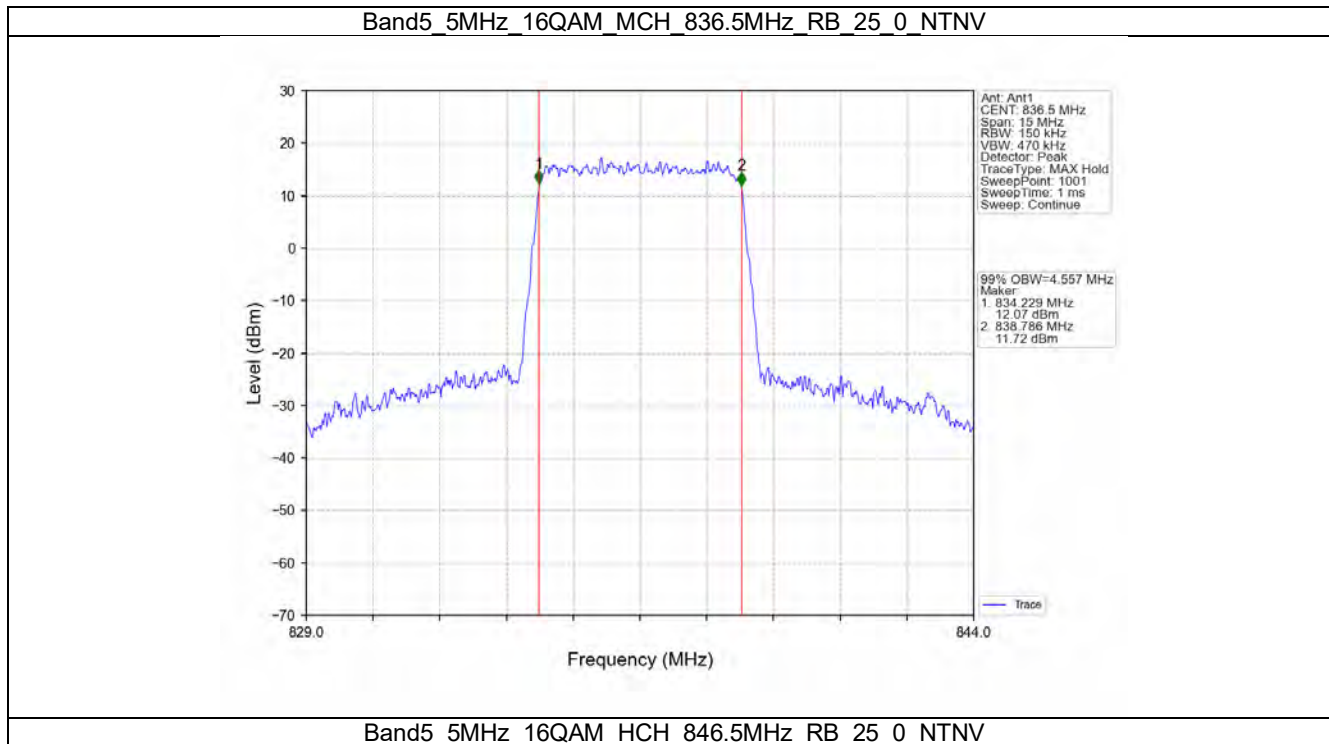
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 52 of 290



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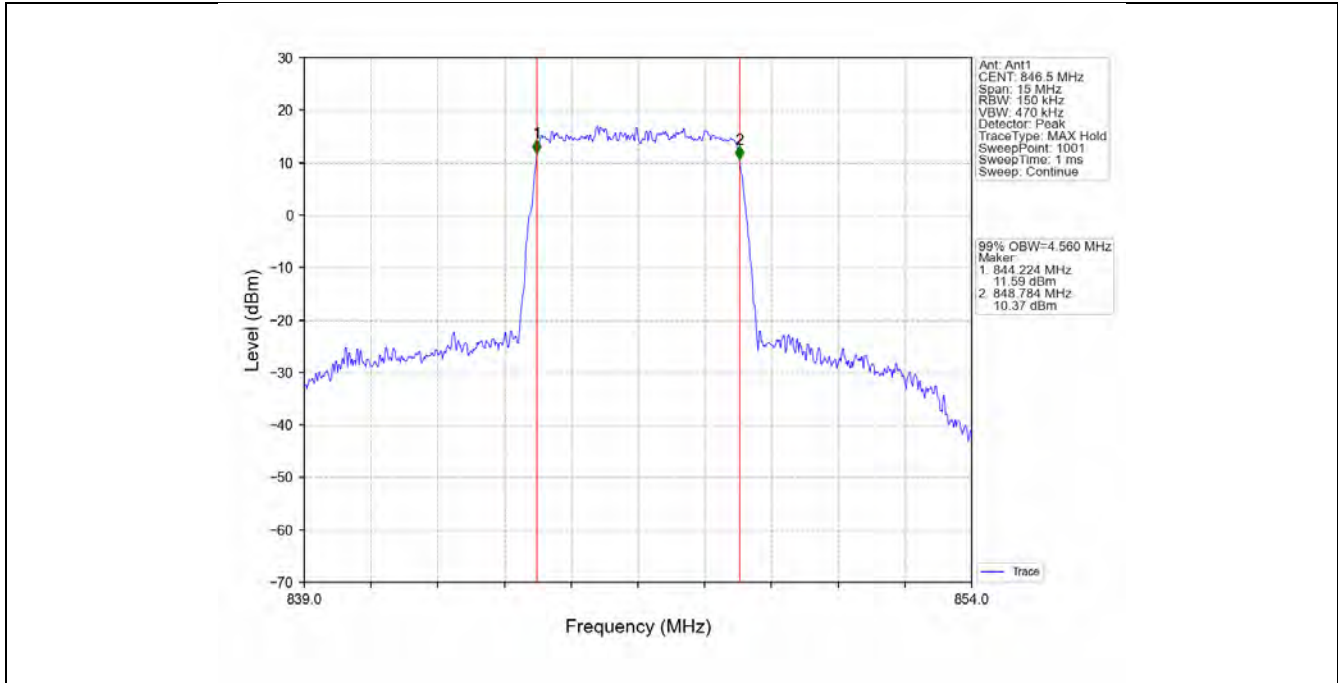


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 53 of 290



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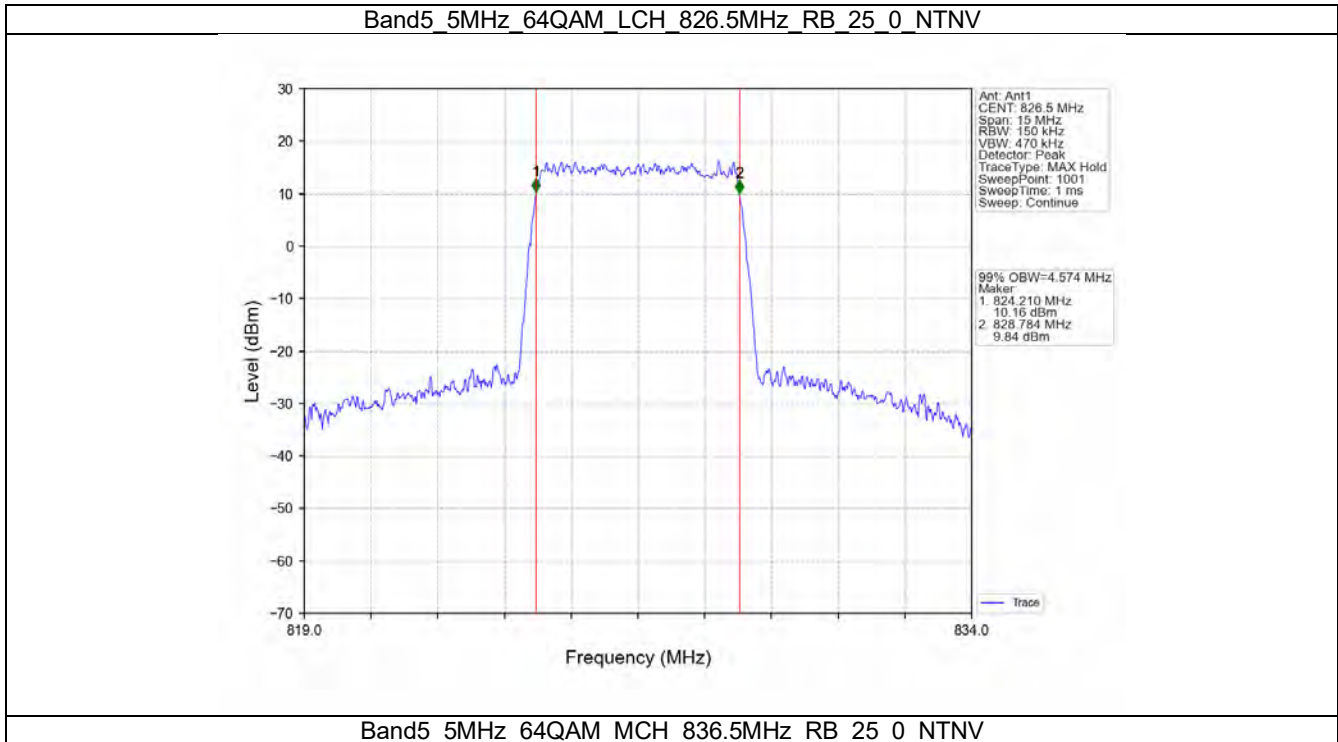


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Report No.: SZCR240100038408

Rev.: 01

Page: 54 of 290



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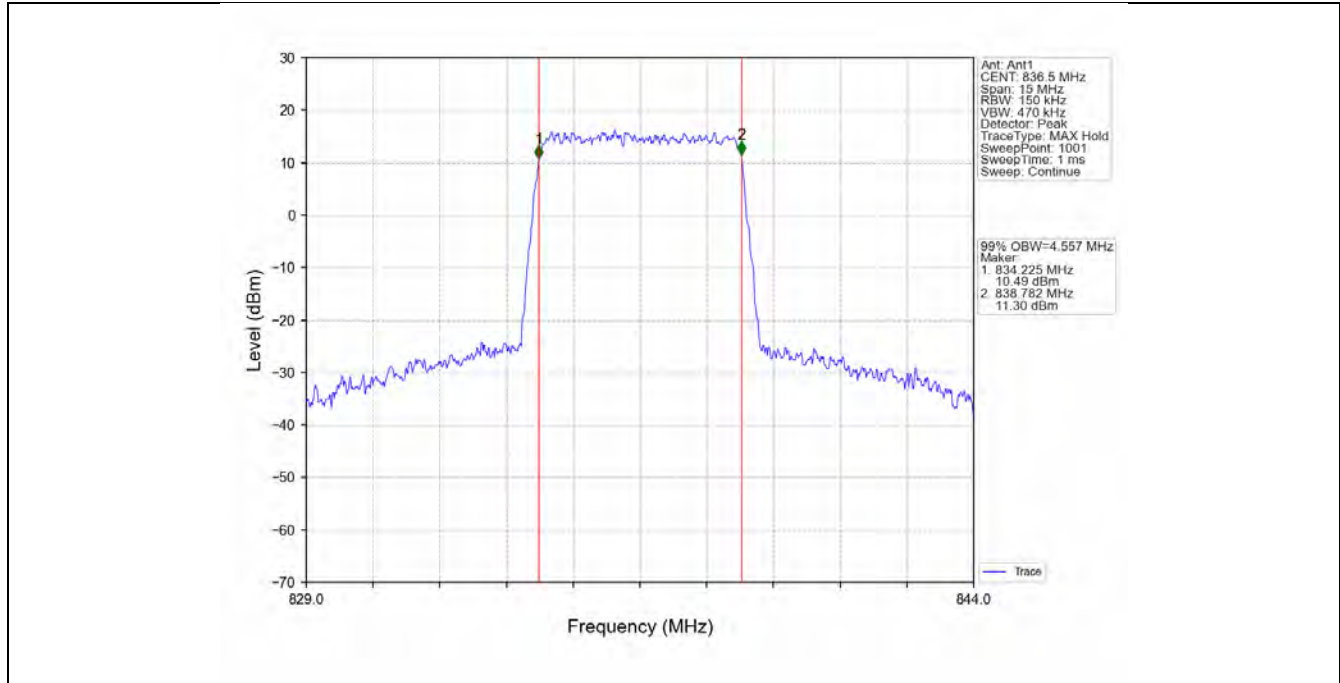


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Report No.: SZCR240100038408

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Page: 55 of 290



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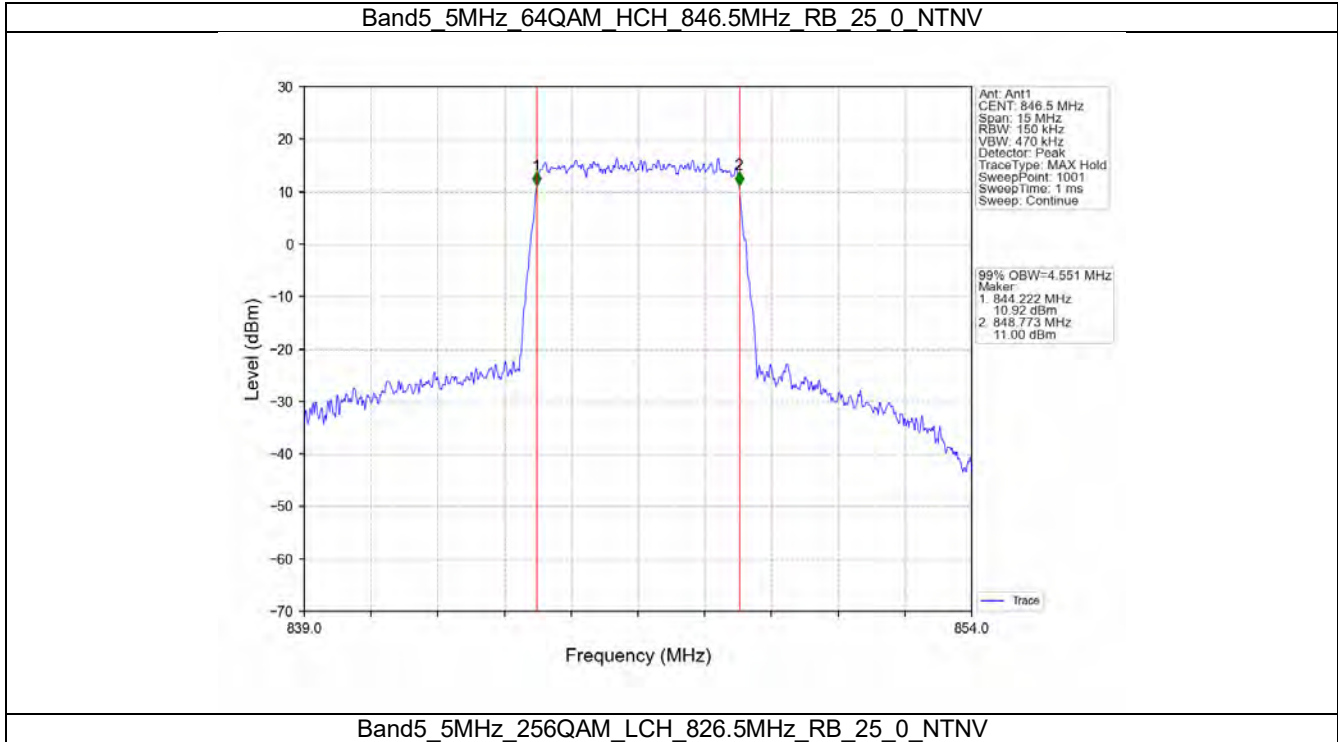


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Page: 56 of 290



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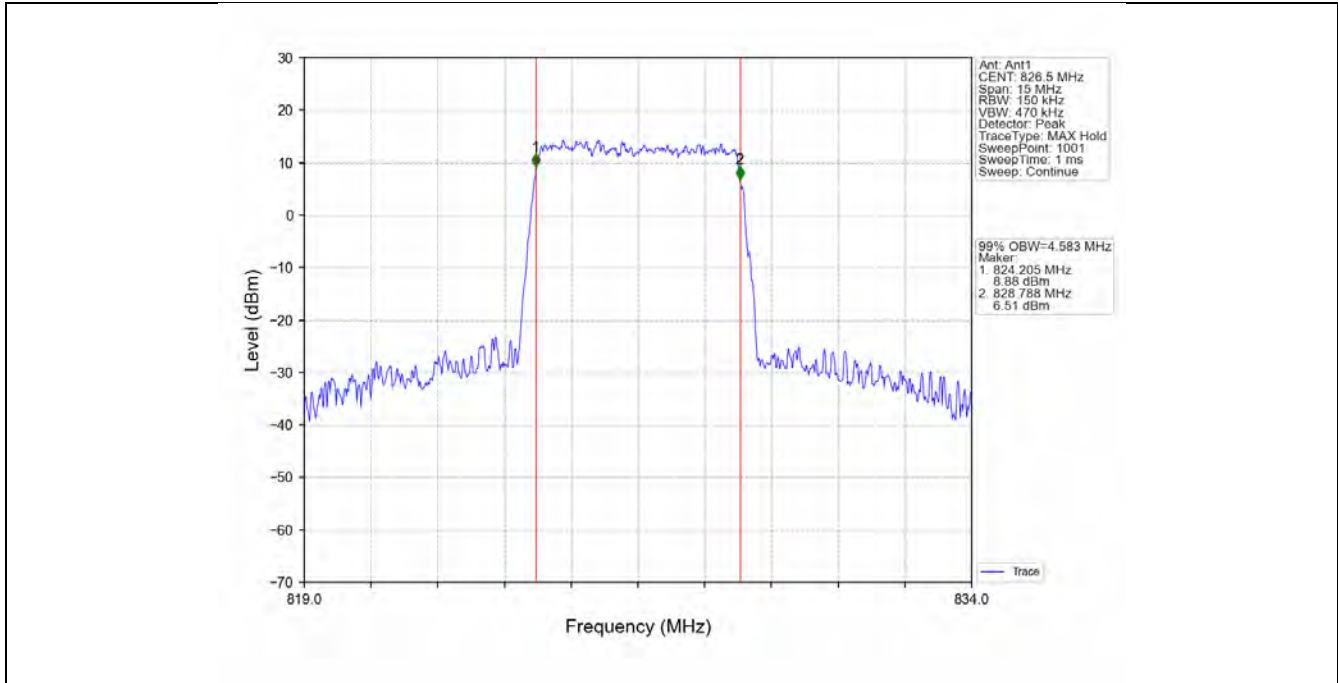


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Report No.: SZCR240100038408

Rev.: 01

Page: 57 of 290



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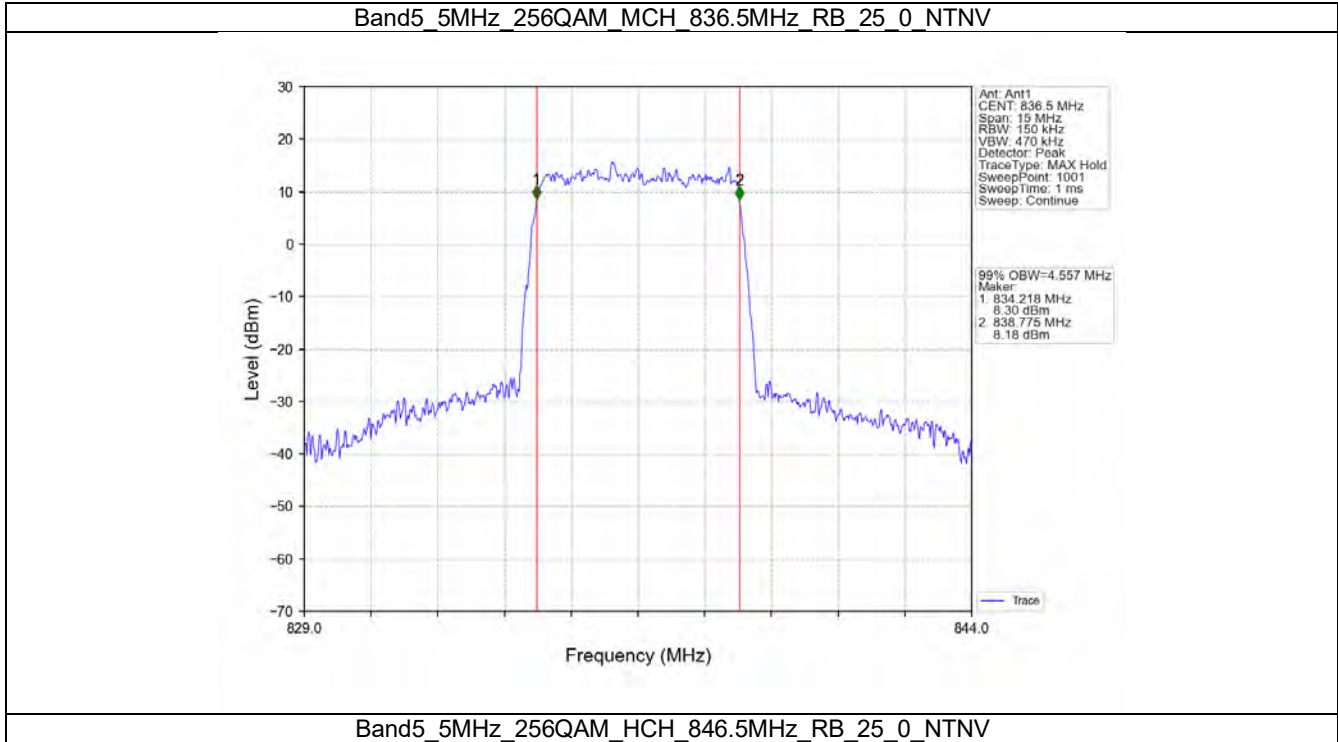


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Report No.: SZCR240100038408

Rev.: 01

Page: 58 of 290



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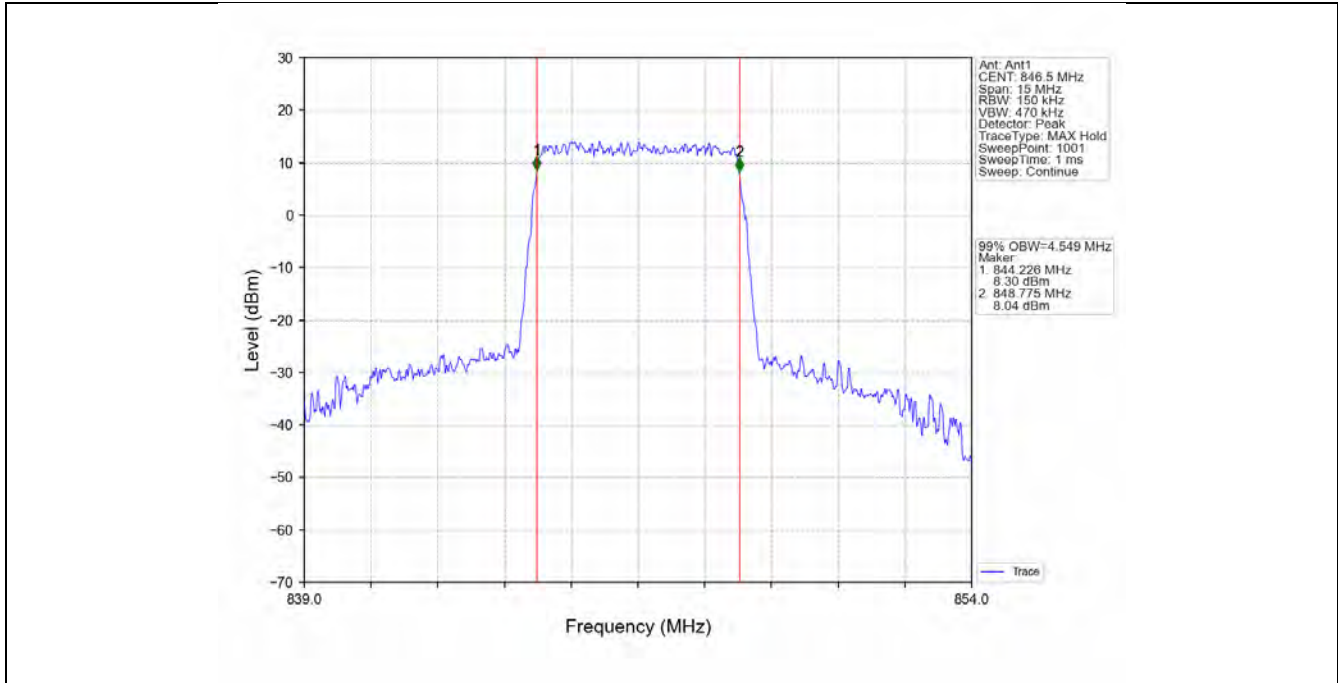


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Report No.: SZCR240100038408

Rev.: 01

Page: 59 of 290



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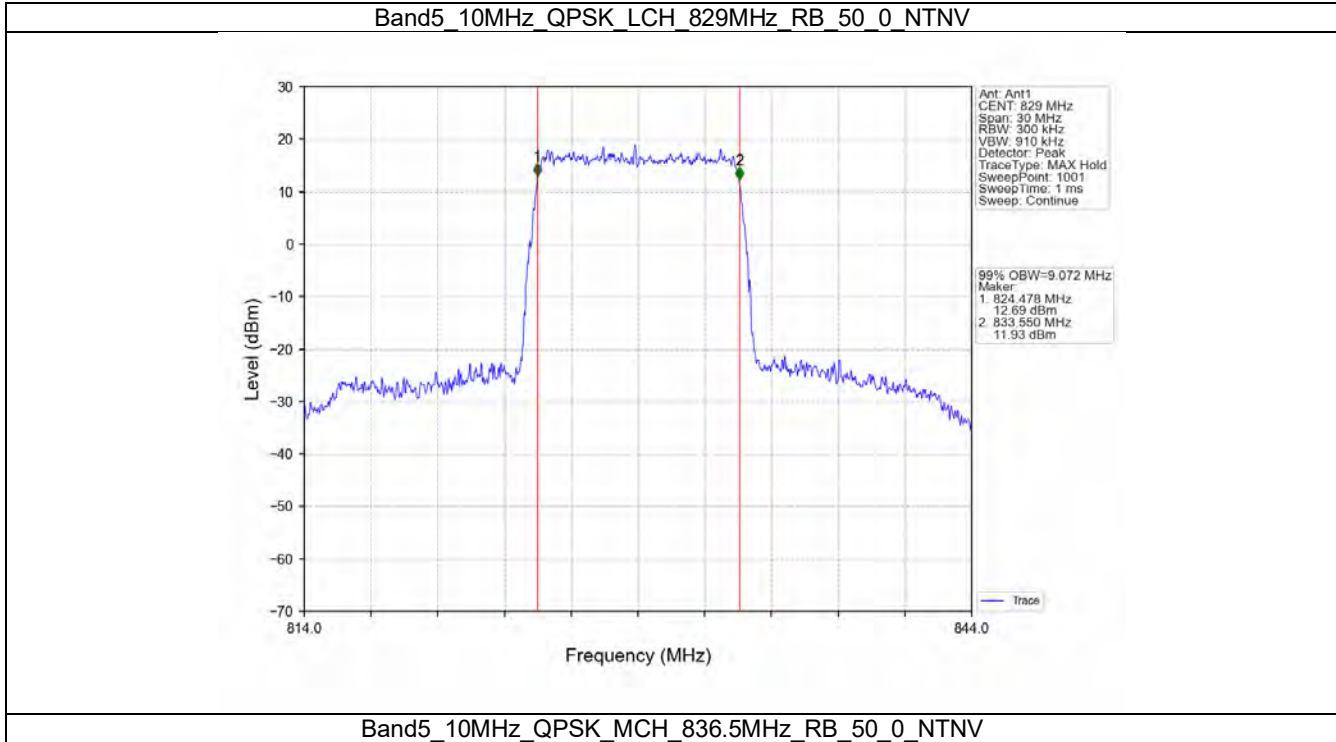


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Report No.: SZCR240100038408

Rev.: 01

Page: 60 of 290



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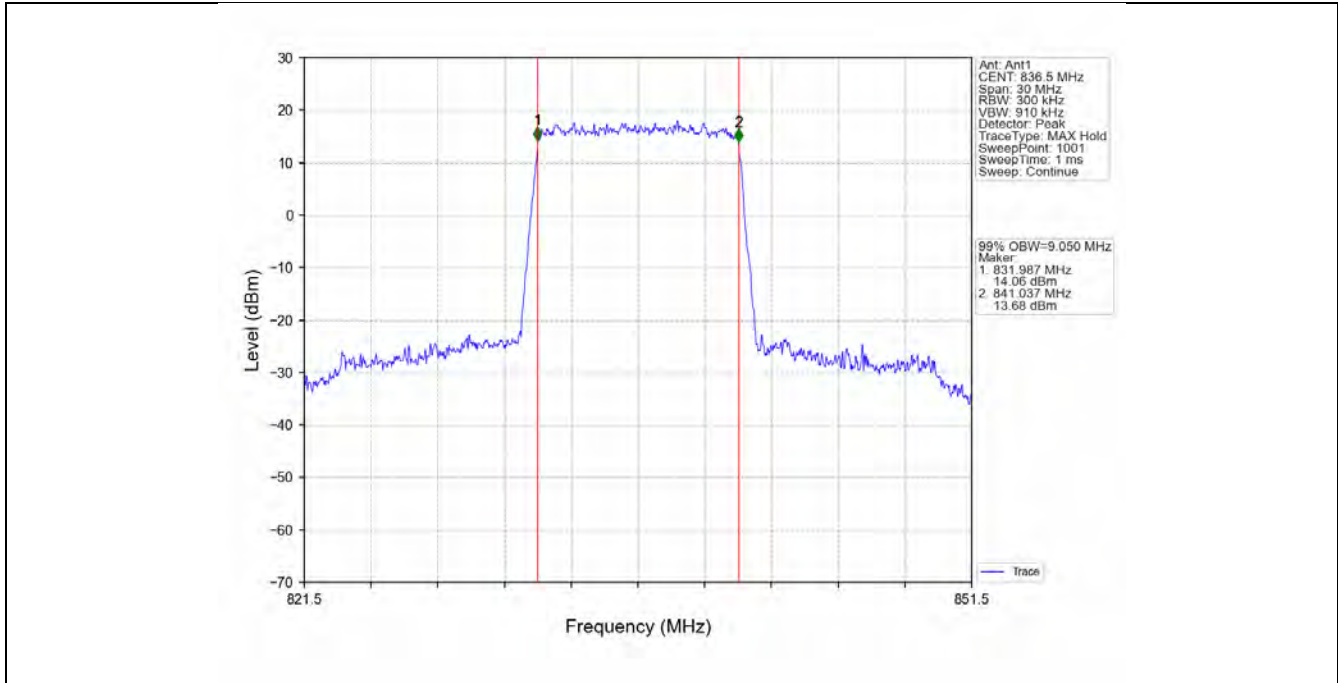


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Report No.: SZCR240100038408

Rev.: 01

Page: 61 of 290



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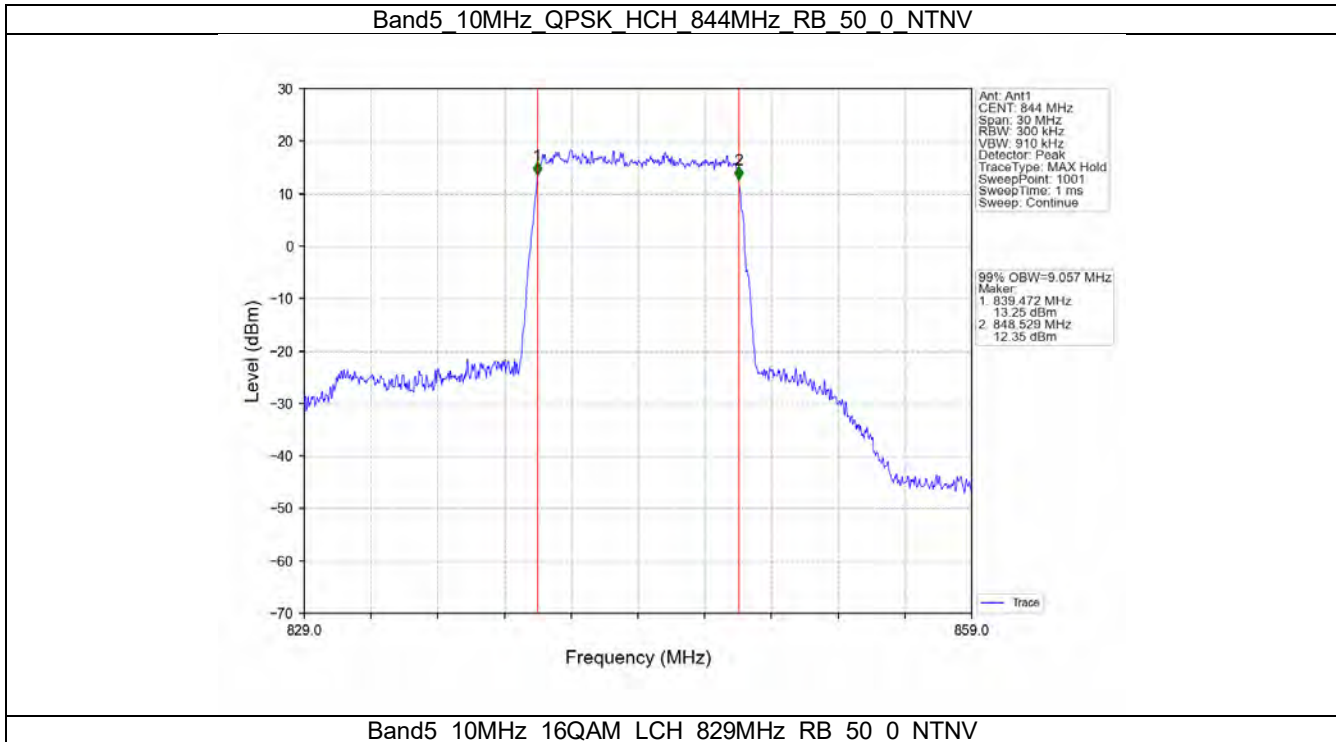


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Report No.: SZCR240100038408

Rev.: 01

Page: 62 of 290



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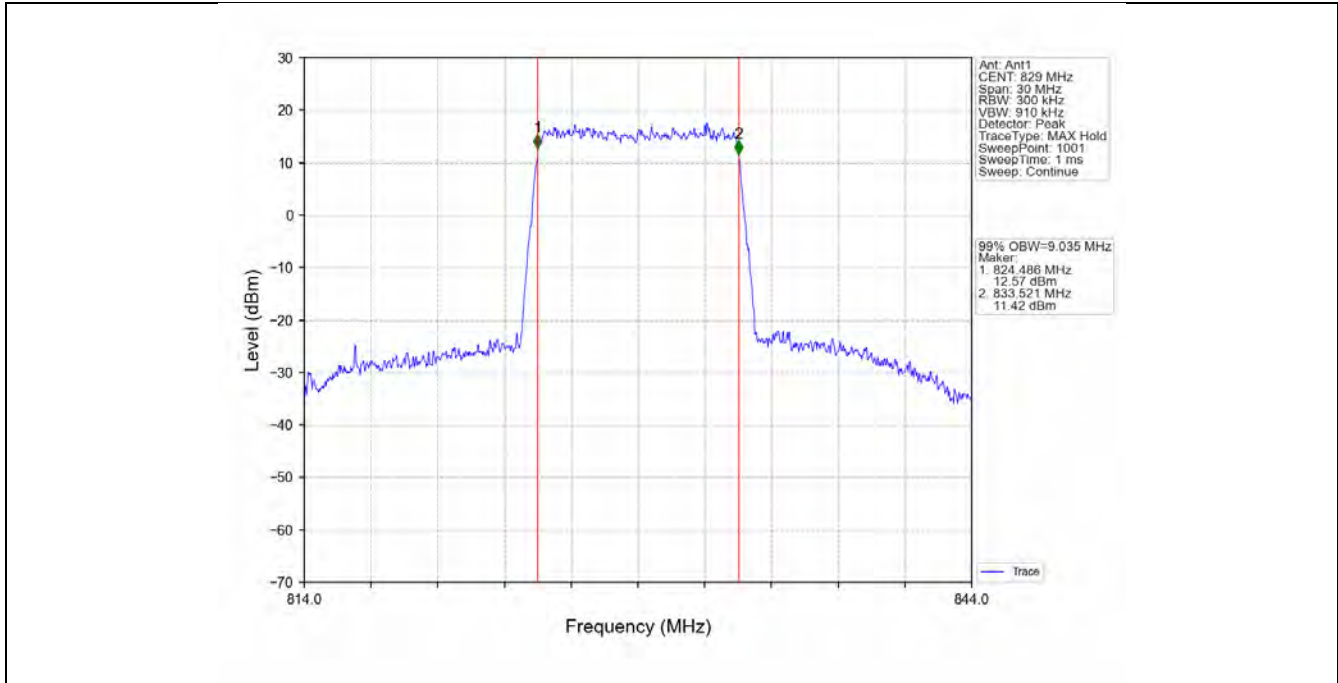


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Report No.: SZCR240100038408

Rev.: 01

Page: 63 of 290



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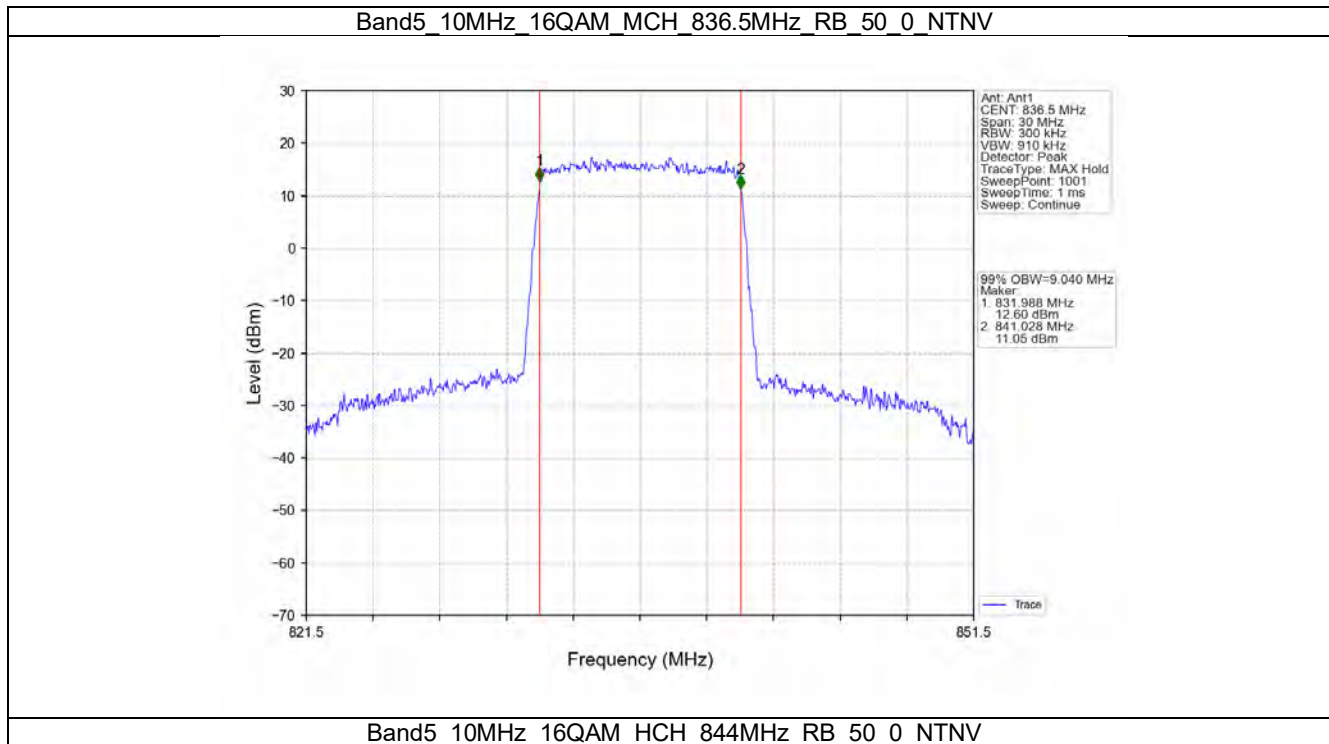
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Rev.: 01  
Page: 64 of 290



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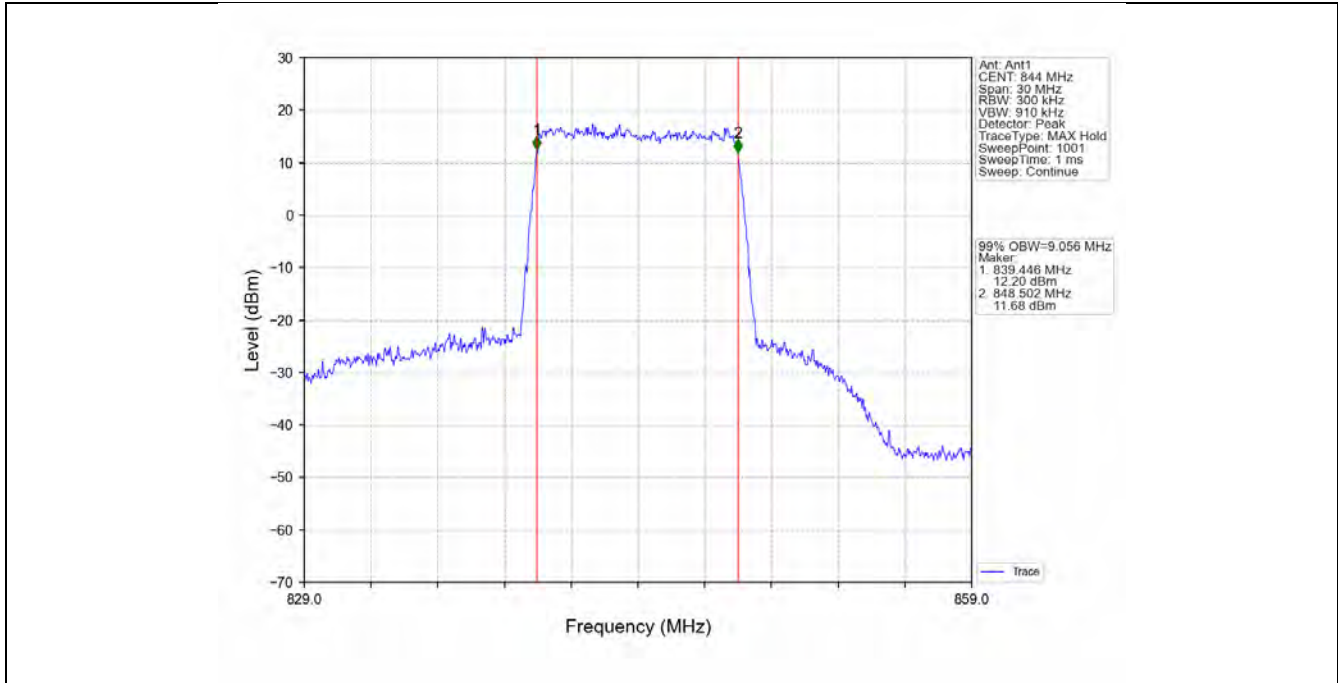


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Report No.: SZCR240100038408

Rev.: 01

Page: 65 of 290



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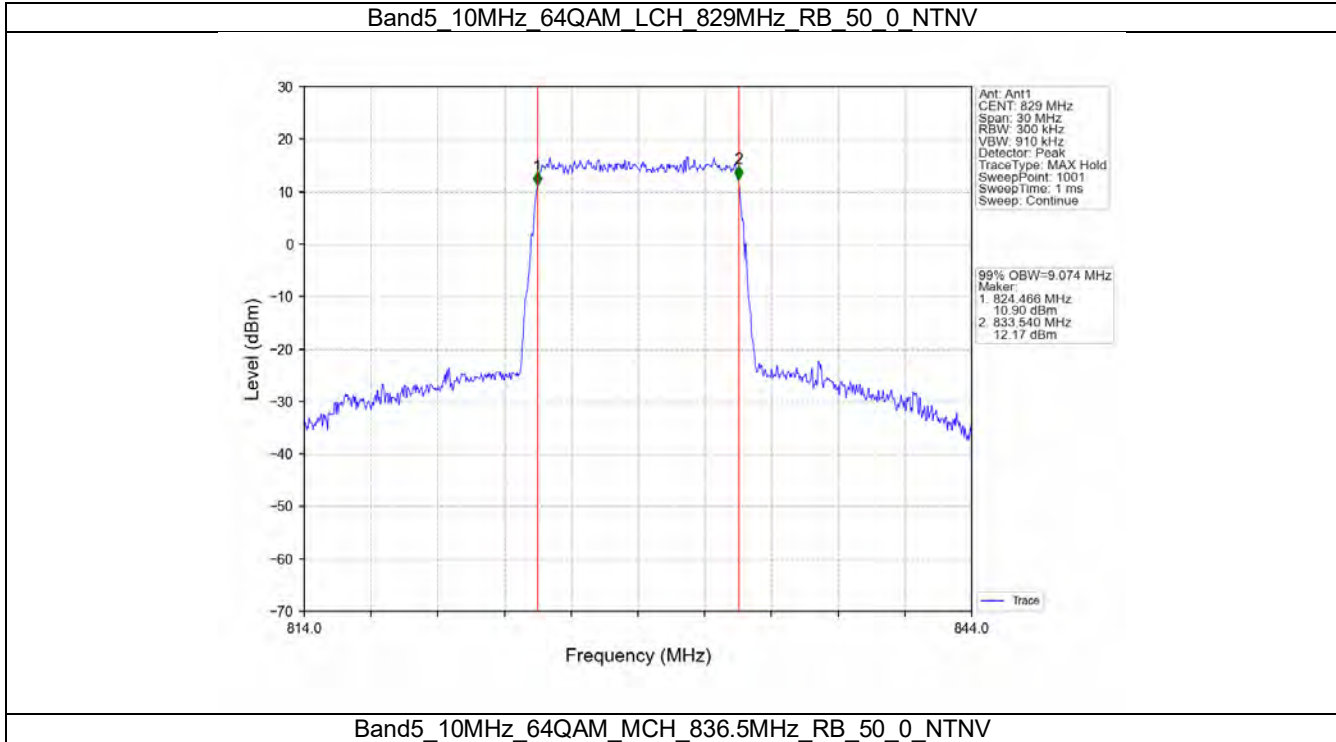


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Report No.: SZCR240100038408

Rev.: 01

Page: 66 of 290



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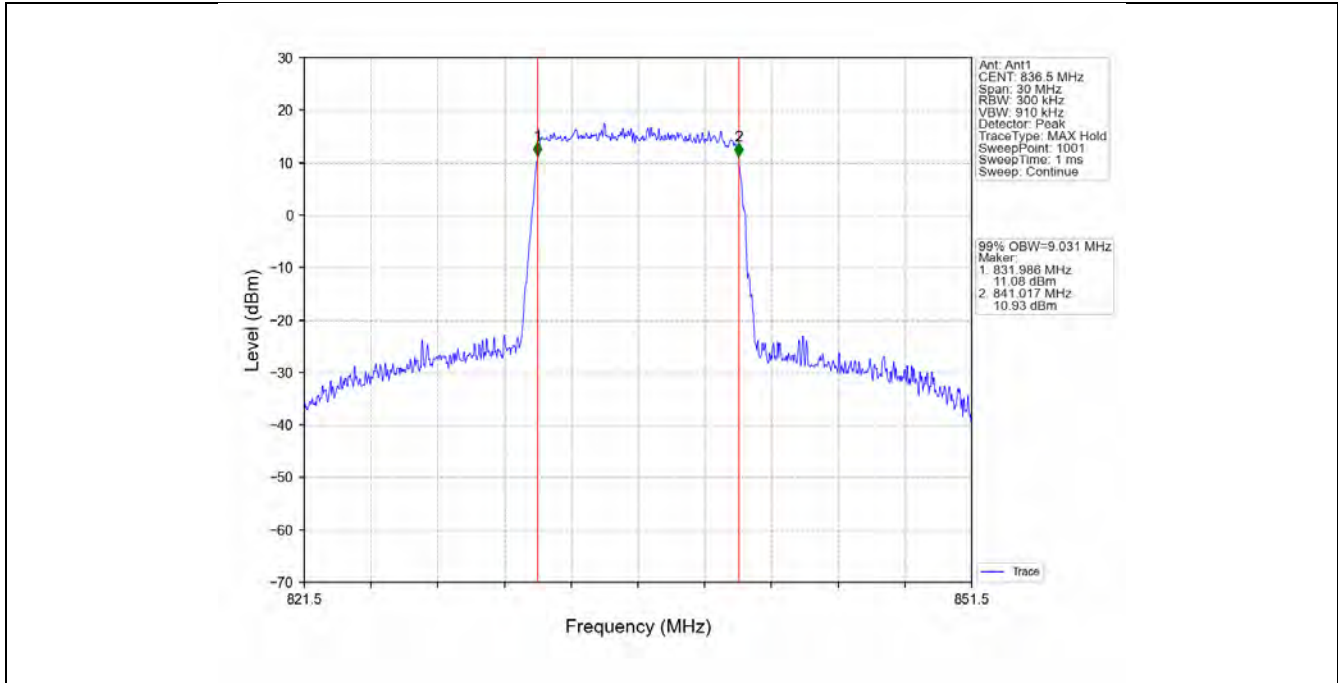


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Report No.: SZCR240100038408

Rev.: 01

Page: 67 of 290



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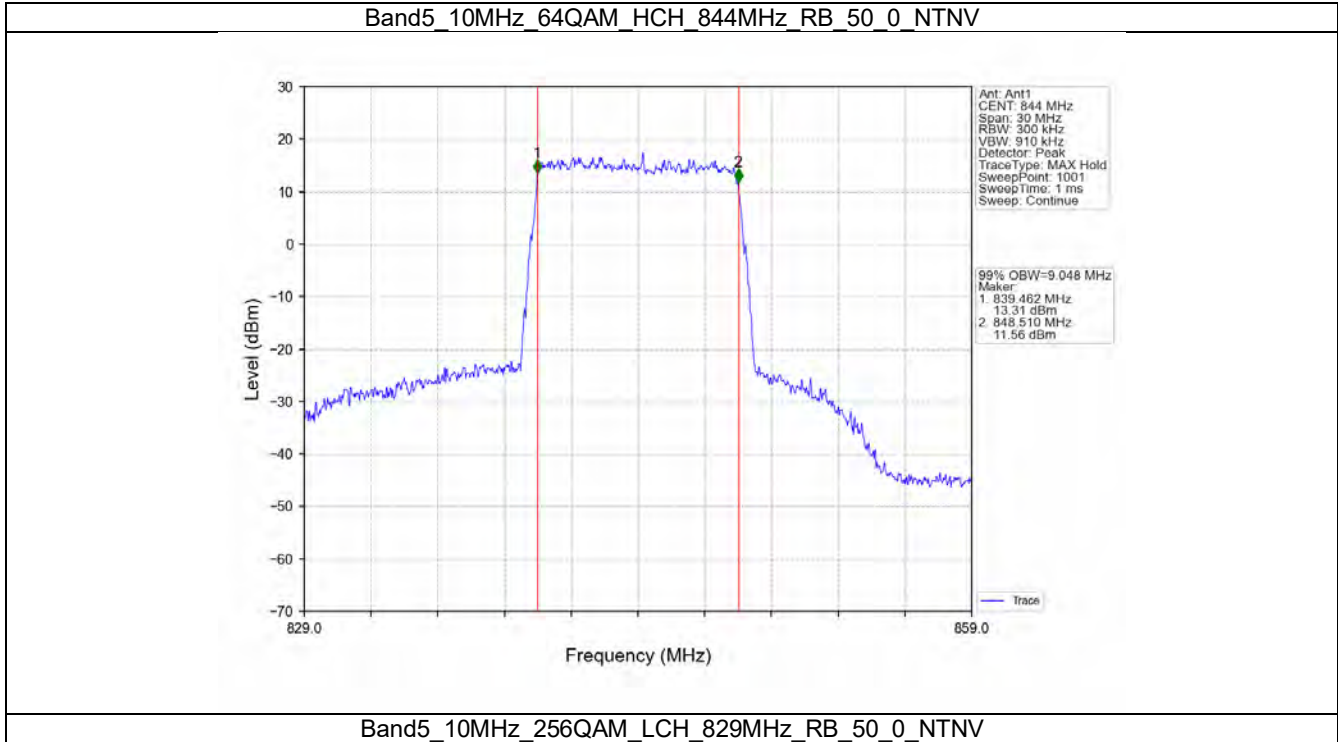


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Report No.: SZCR240100038408

Rev.: 01

Page: 68 of 290



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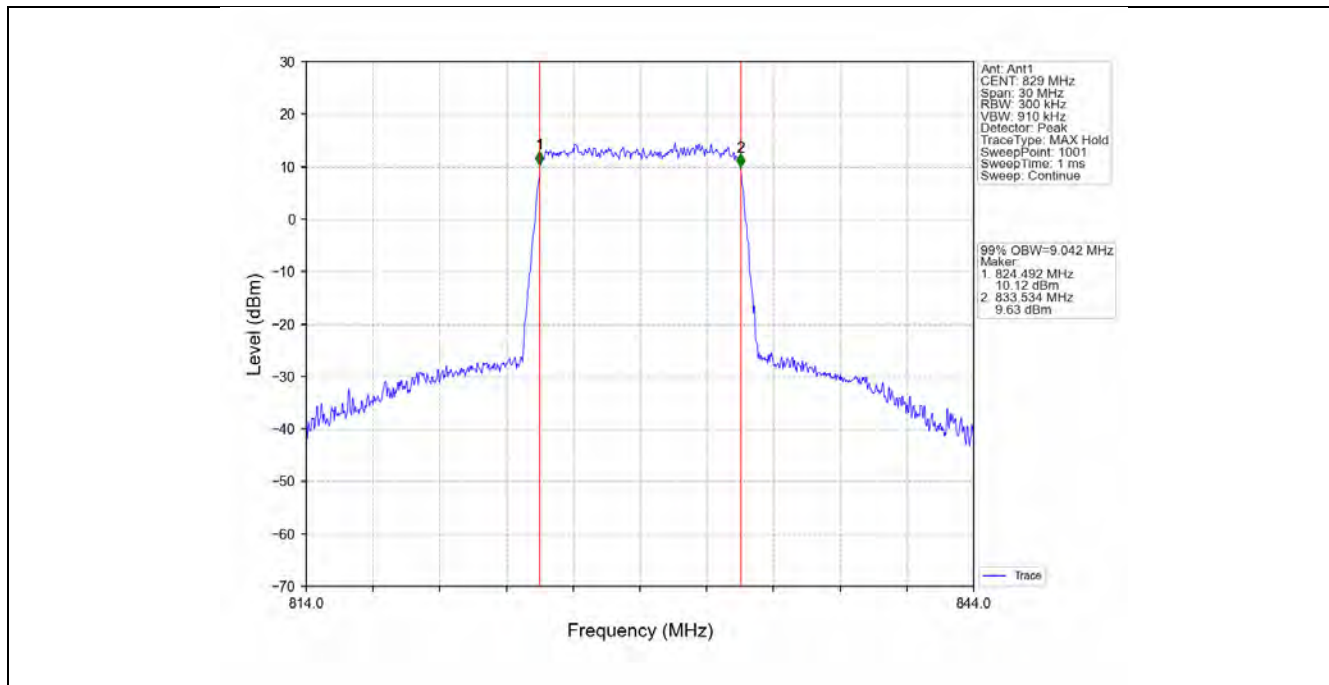
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Page: 69 of 290



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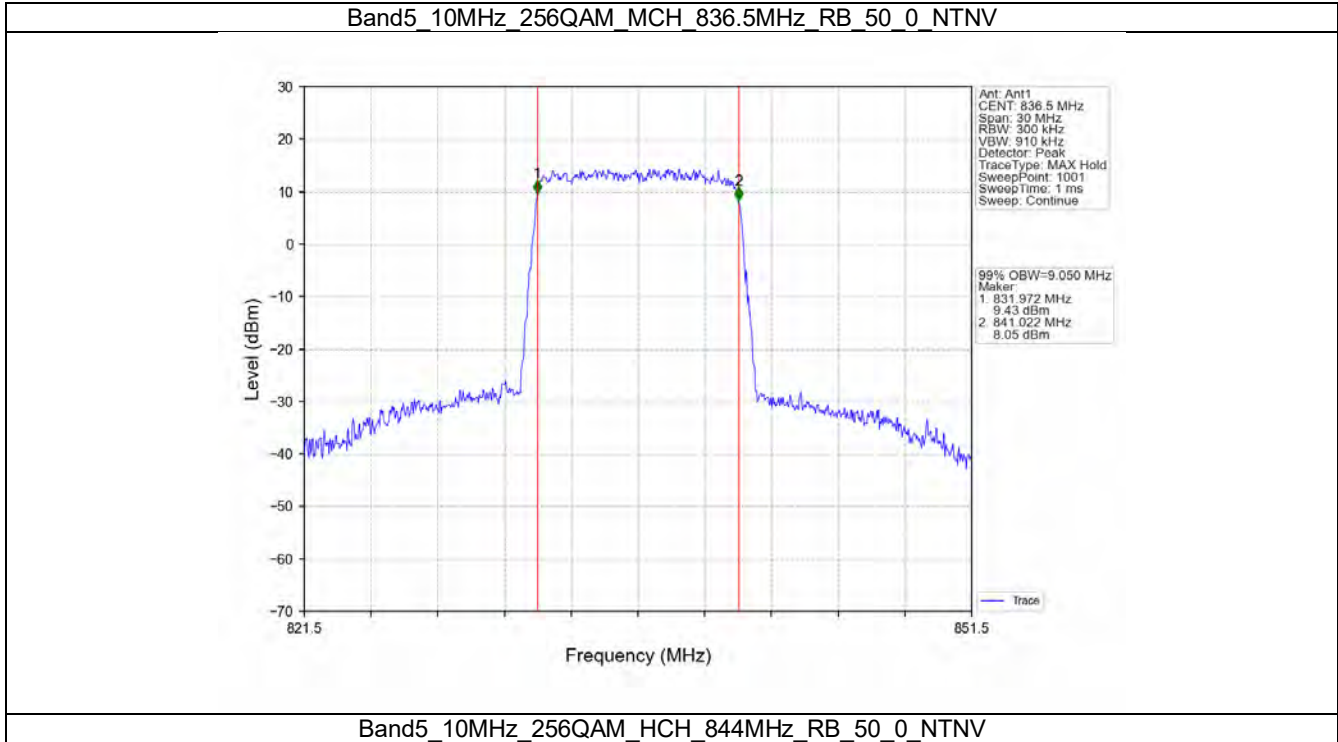


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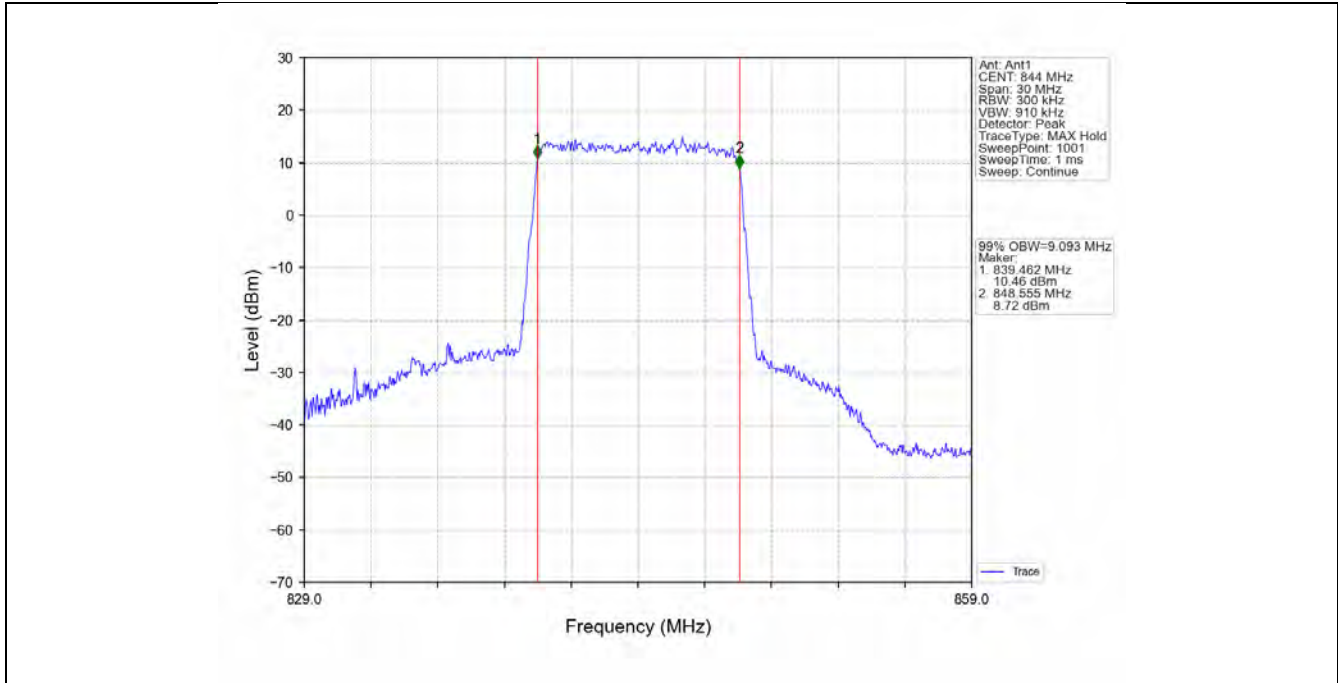


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Report No.: SZCR240100038408

Rev.: 01

Page: 72 of 290

## 3.2 Band5\_XDB

### 3.2.1 Test Result

Band: 5 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.261	/	Pass
		836.5	6	0	1.258	/	Pass
		848.3	6	0	1.262	/	Pass
	16QAM	824.7	6	0	1.271	/	Pass
		836.5	6	0	1.250	/	Pass
		848.3	6	0	1.266	/	Pass
	64QAM	824.7	6	0	1.260	/	Pass
		836.5	6	0	1.262	/	Pass
		848.3	6	0	1.263	/	Pass
	256QAM	824.7	6	0	1.258	/	Pass
		836.5	6	0	1.261	/	Pass
		848.3	6	0	1.268	/	Pass
3	QPSK	825.5	15	0	3.056	/	Pass
		836.5	15	0	3.069	/	Pass
		847.5	15	0	3.061	/	Pass
	16QAM	825.5	15	0	3.062	/	Pass
		836.5	15	0	3.054	/	Pass
		847.5	15	0	3.069	/	Pass
	64QAM	825.5	15	0	3.066	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.051	/	Pass
	256QAM	825.5	15	0	3.093	/	Pass
		836.5	15	0	3.055	/	Pass
		847.5	15	0	3.071	/	Pass
5	QPSK	826.5	25	0	5.014	/	Pass
		836.5	25	0	5.028	/	Pass
		846.5	25	0	5.011	/	Pass
	16QAM	826.5	25	0	5.062	/	Pass
		836.5	25	0	5.036	/	Pass
		846.5	25	0	5.071	/	Pass
	64QAM	826.5	25	0	5.078	/	Pass
		836.5	25	0	5.077	/	Pass
		846.5	25	0	5.053	/	Pass
	256QAM	826.5	25	0	5.076	/	Pass
		836.5	25	0	5.048	/	Pass
		846.5	25	0	5.072	/	Pass
10	QPSK	829	50	0	10.055	/	Pass
		836.5	50	0	9.944	/	Pass



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Report No.: SZCR240100038408

Rev.: 01

Page: 73 of 290

		844	50	0	10.010	/	Pass
	16QAM	829	50	0	9.984	/	Pass
		836.5	50	0	9.902	/	Pass
		844	50	0	9.928	/	Pass
		829	50	0	9.978	/	Pass
	64QAM	836.5	50	0	9.831	/	Pass
		844	50	0	9.993	/	Pass
		829	50	0	9.977	/	Pass
	256QAM	836.5	50	0	9.970	/	Pass
		844	50	0	9.951	/	Pass



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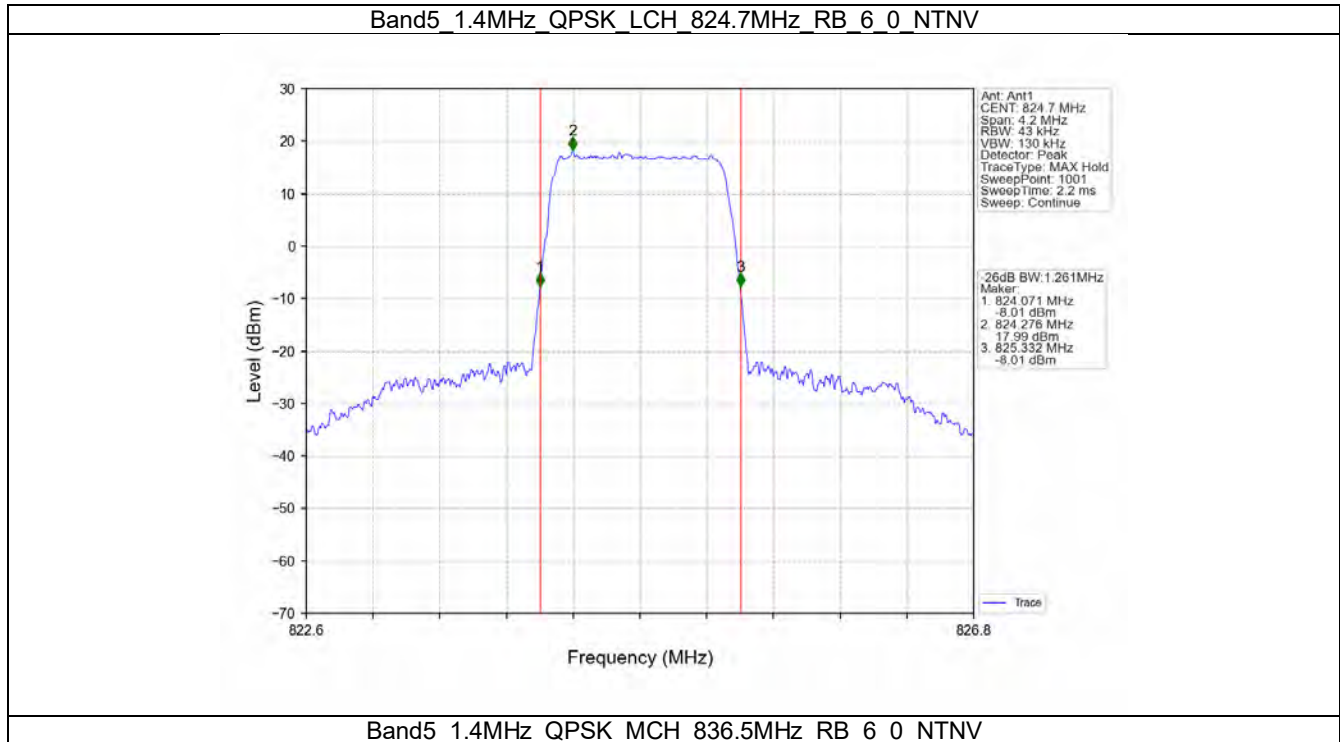
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Rev.: 01

Page: 74 of 290

3.2.2 Test Graph



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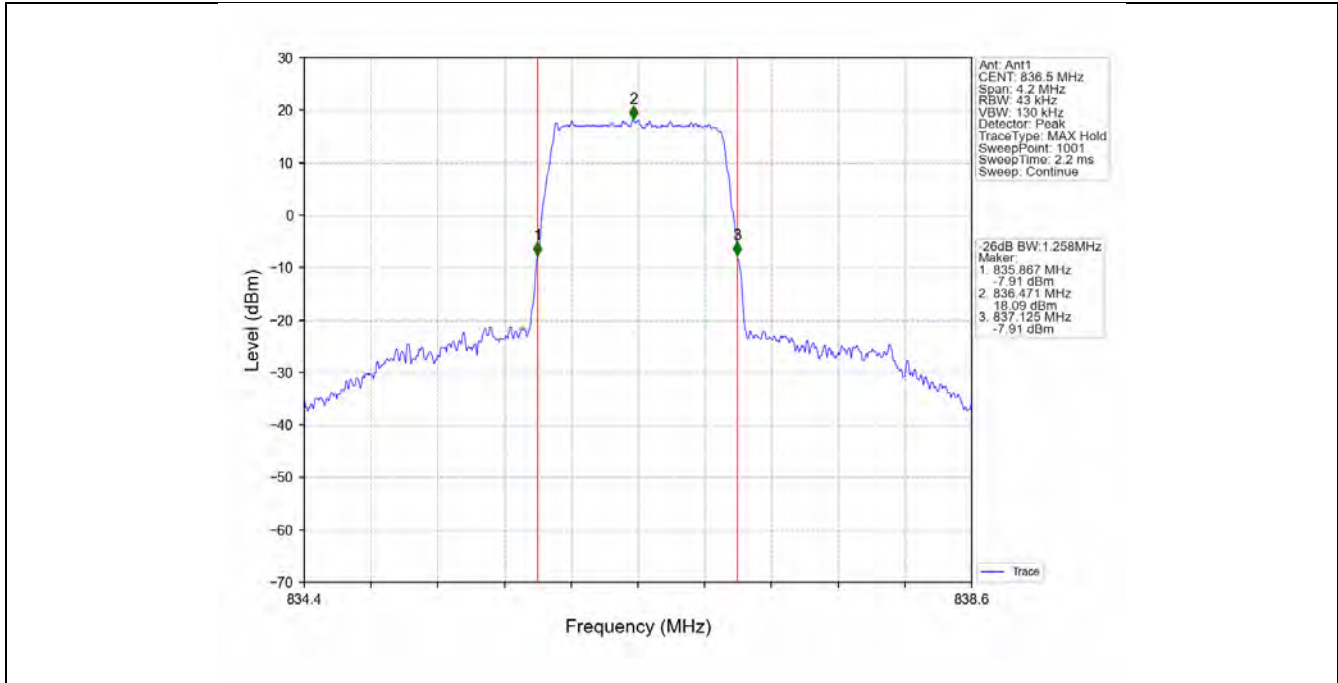


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Rev.: 01

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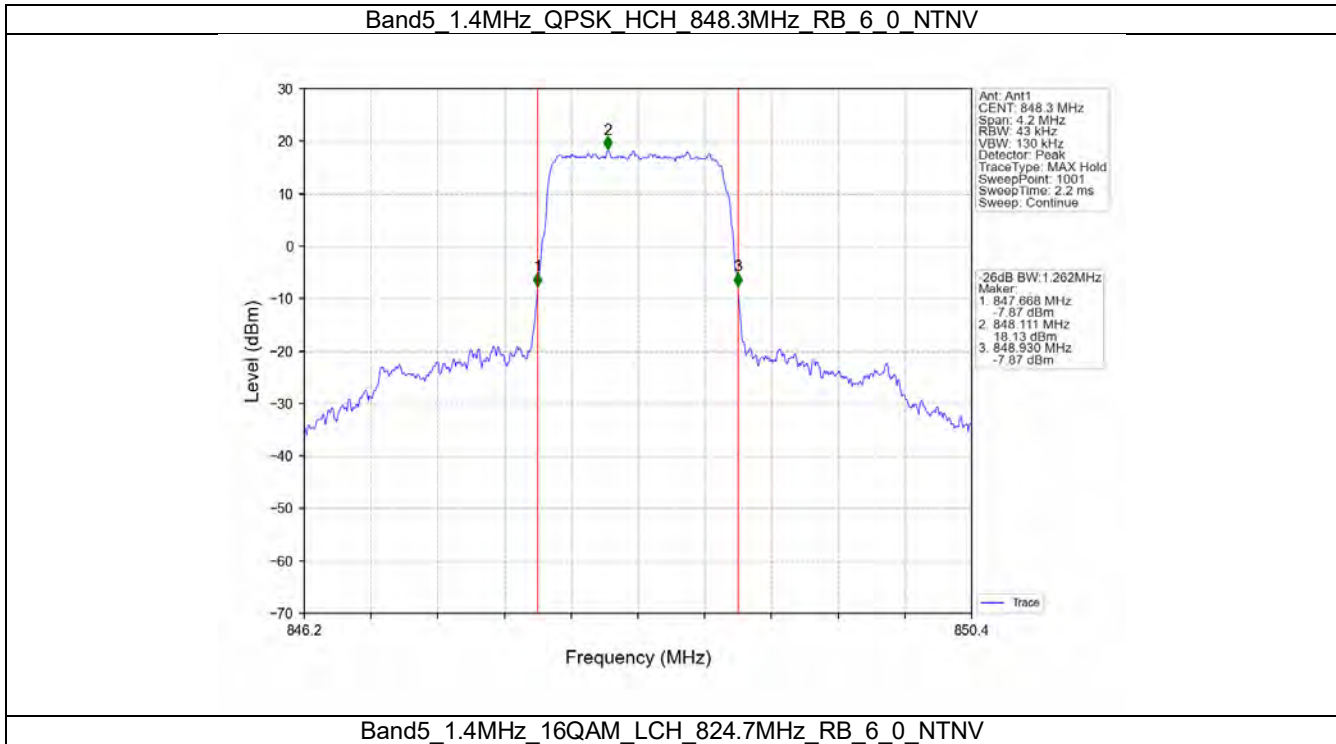


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Report No.: SZCR240100038408

Rev.: 01

Page: 76 of 290



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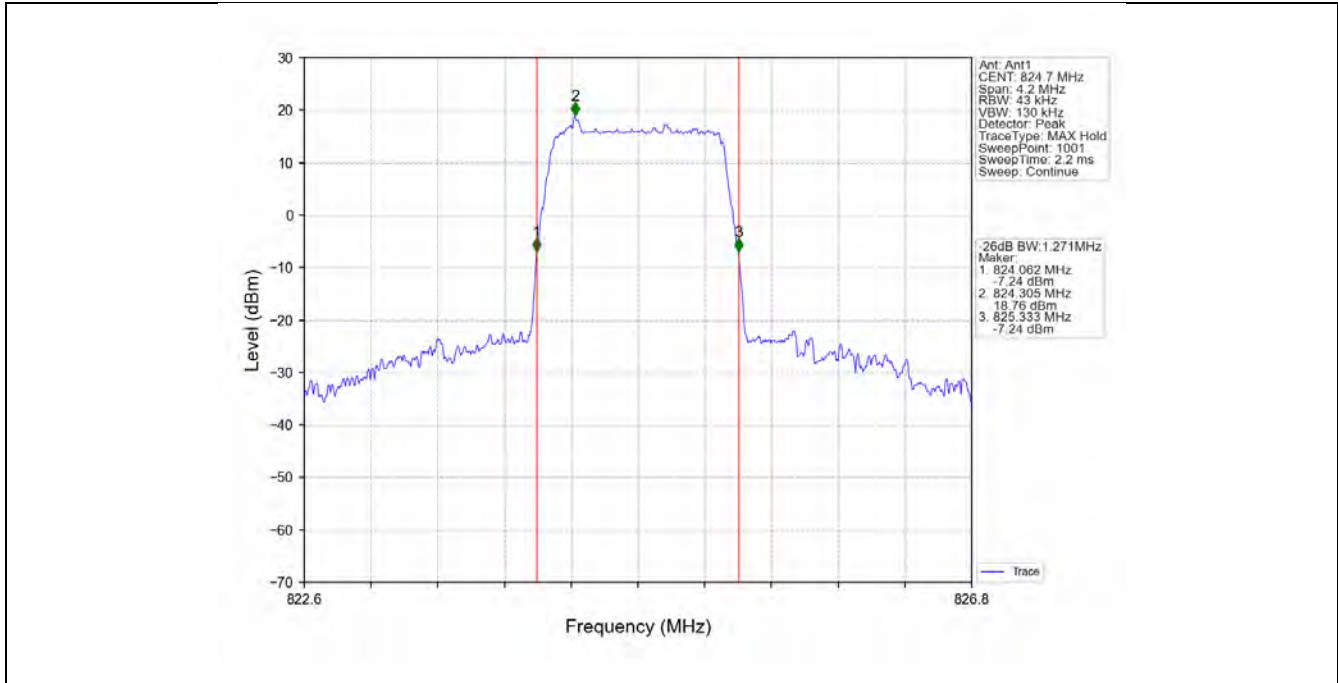


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Report No.: SZCR240100038408

Rev.: 01

Page: 77 of 290



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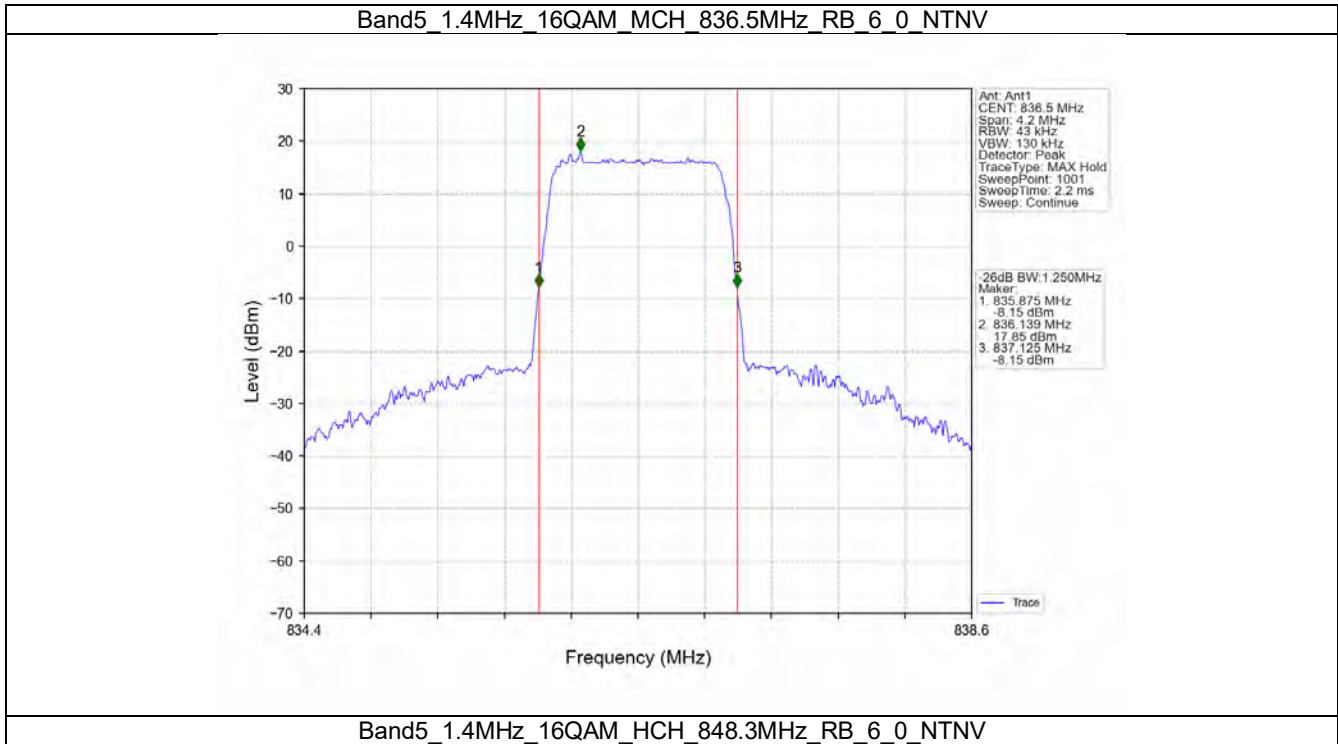


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Report No.: SZCR240100038408

Rev.: 01

Page: 78 of 290



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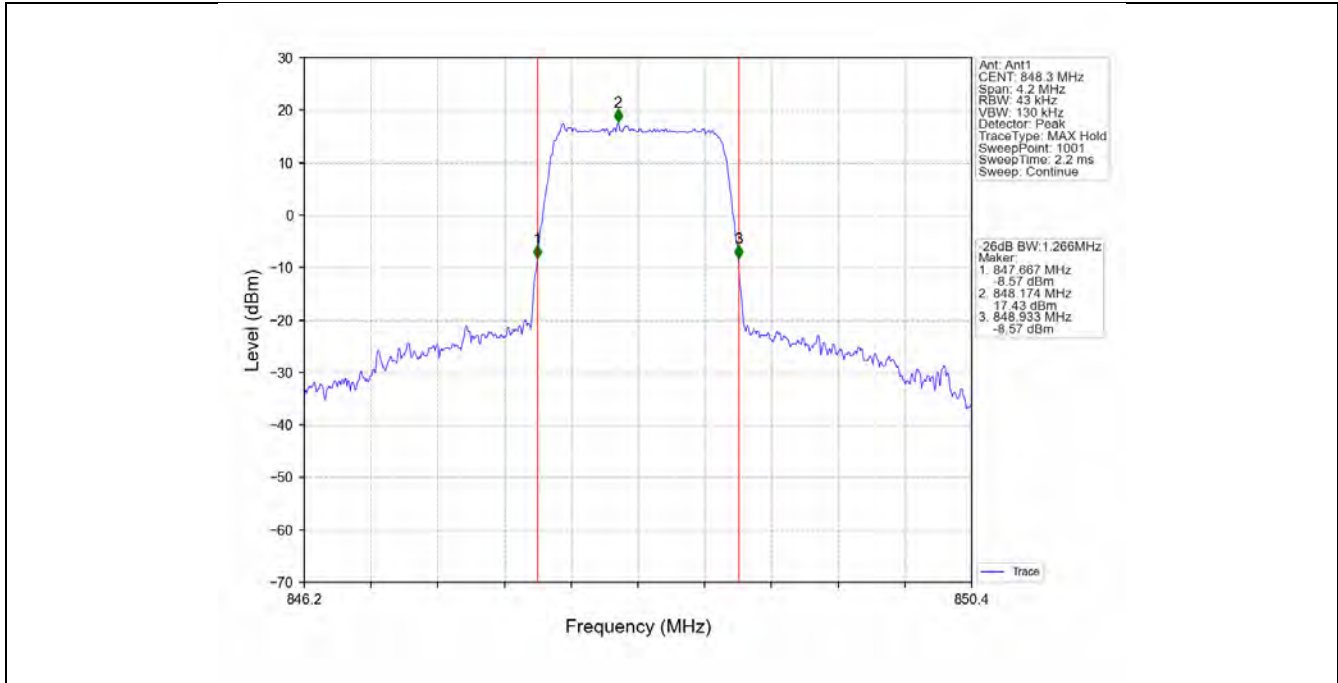


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Report No.: SZCR240100038408

Rev.: 01

Page: 79 of 290



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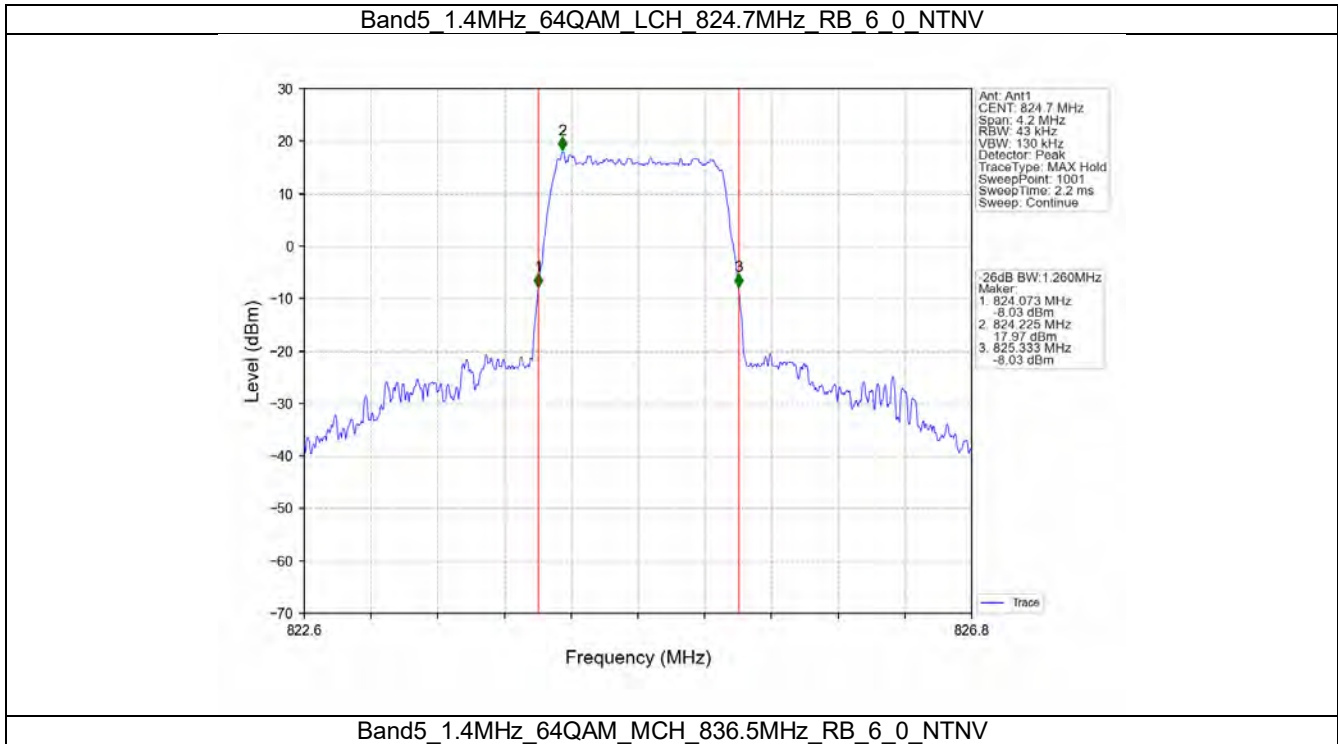


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Report No.: SZCR240100038408

Rev.: 01

Page: 80 of 290



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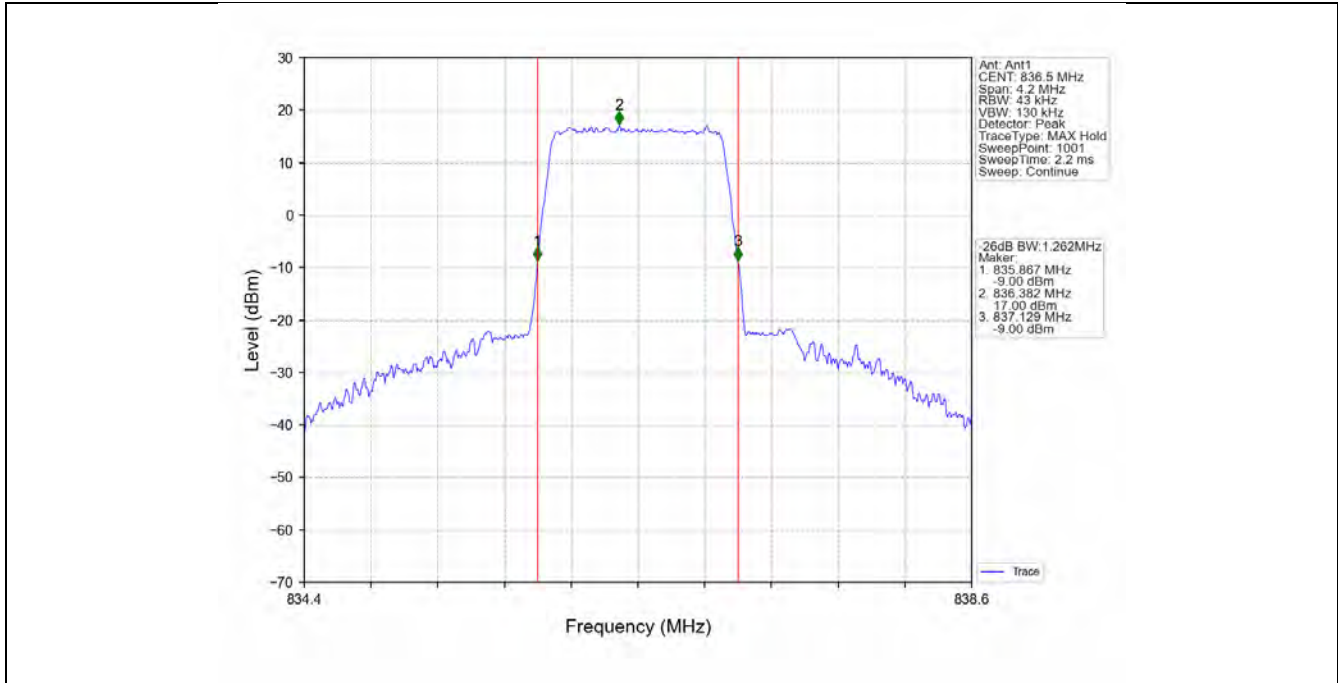


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Report No.: SZCR240100038408

Rev.: 01

Page: 81 of 290



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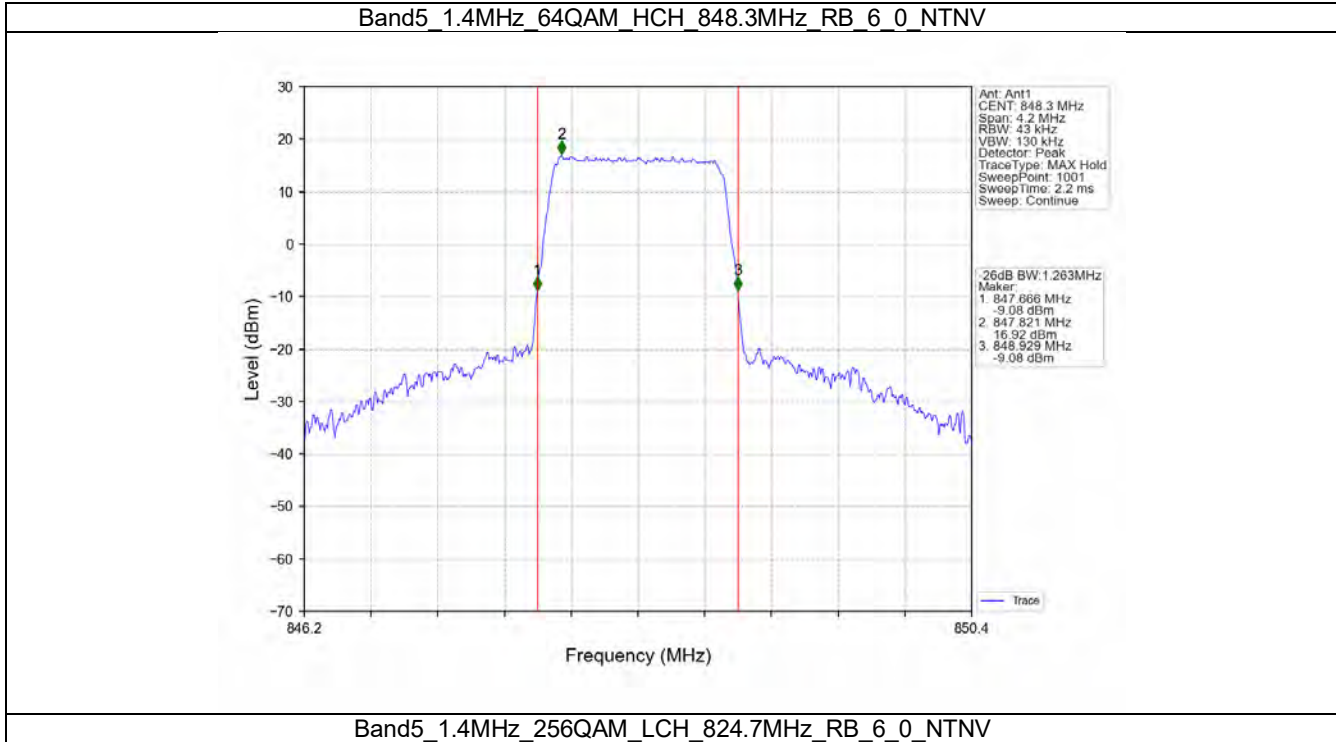


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Report No.: SZCR240100038408

Rev.: 01

Page: 82 of 290



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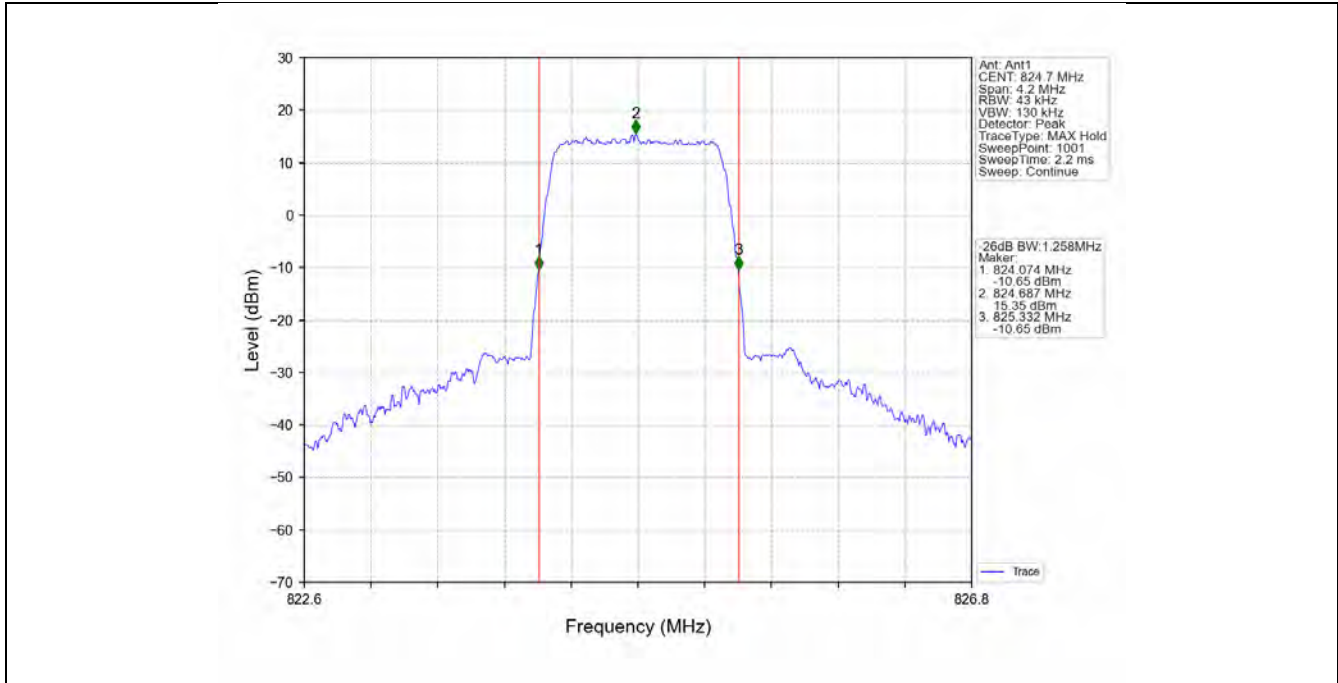


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Report No.: SZCR240100038408

Rev.: 01

Page: 83 of 290



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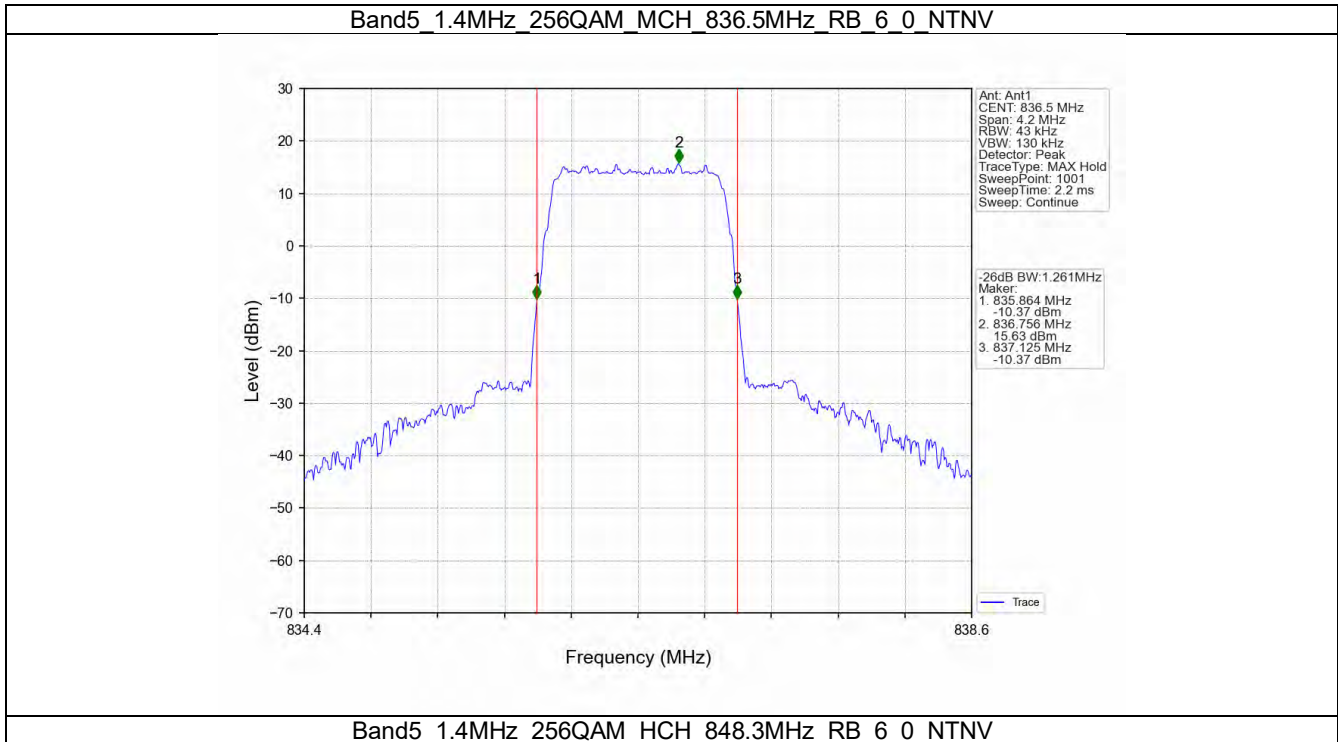


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Report No.: SZCR240100038408

Rev.: 01

Page: 84 of 290



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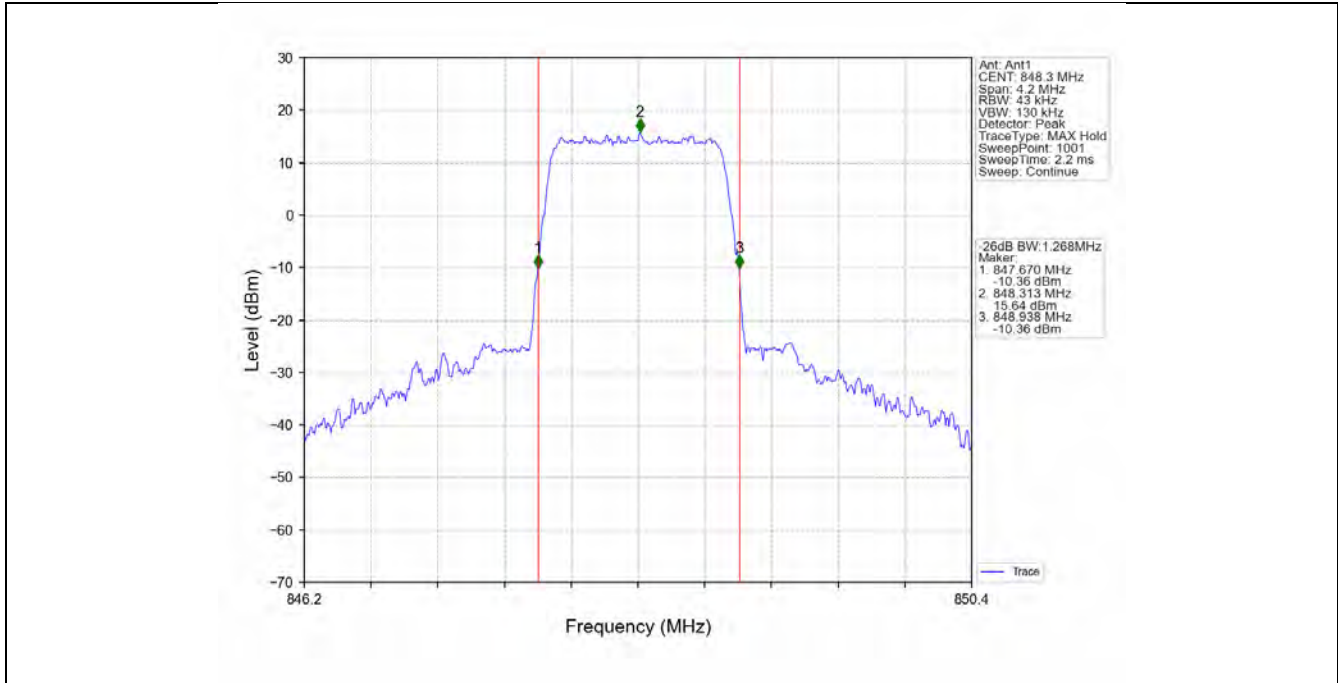


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Report No.: SZCR240100038408

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Page: 85 of 290



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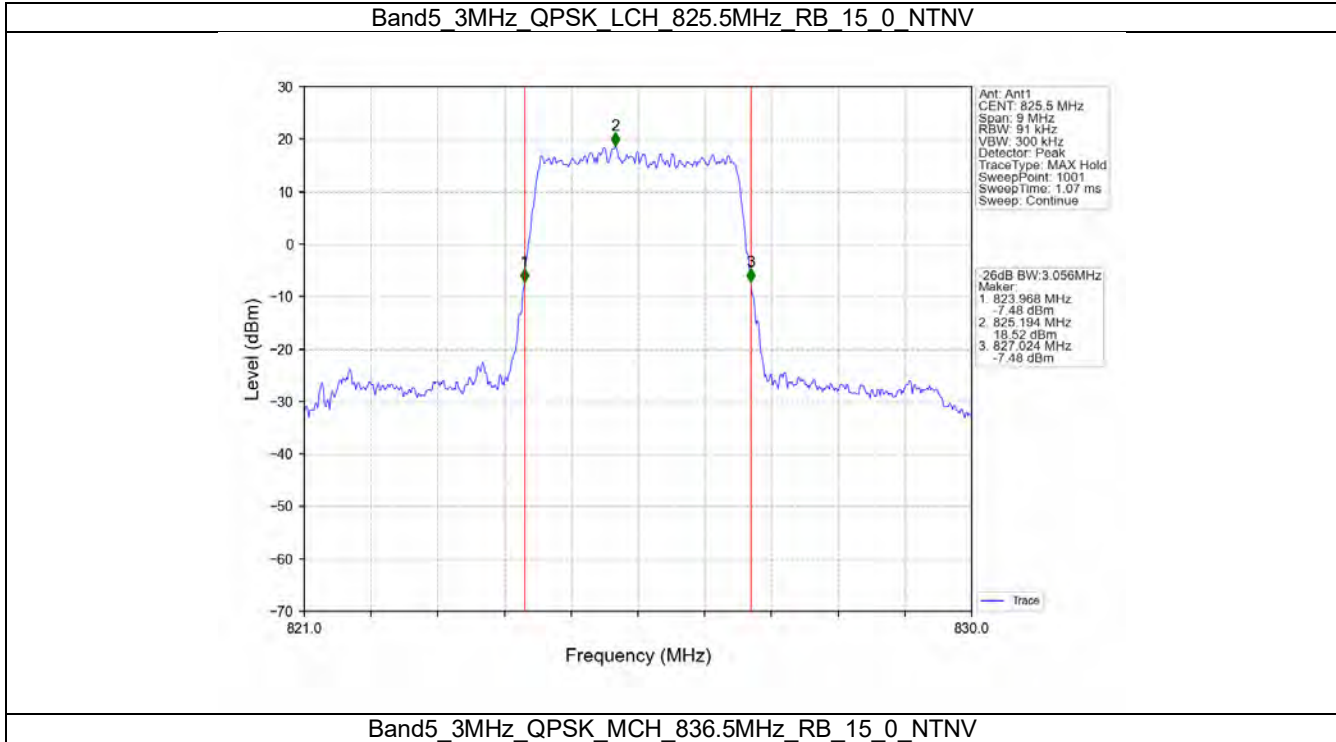


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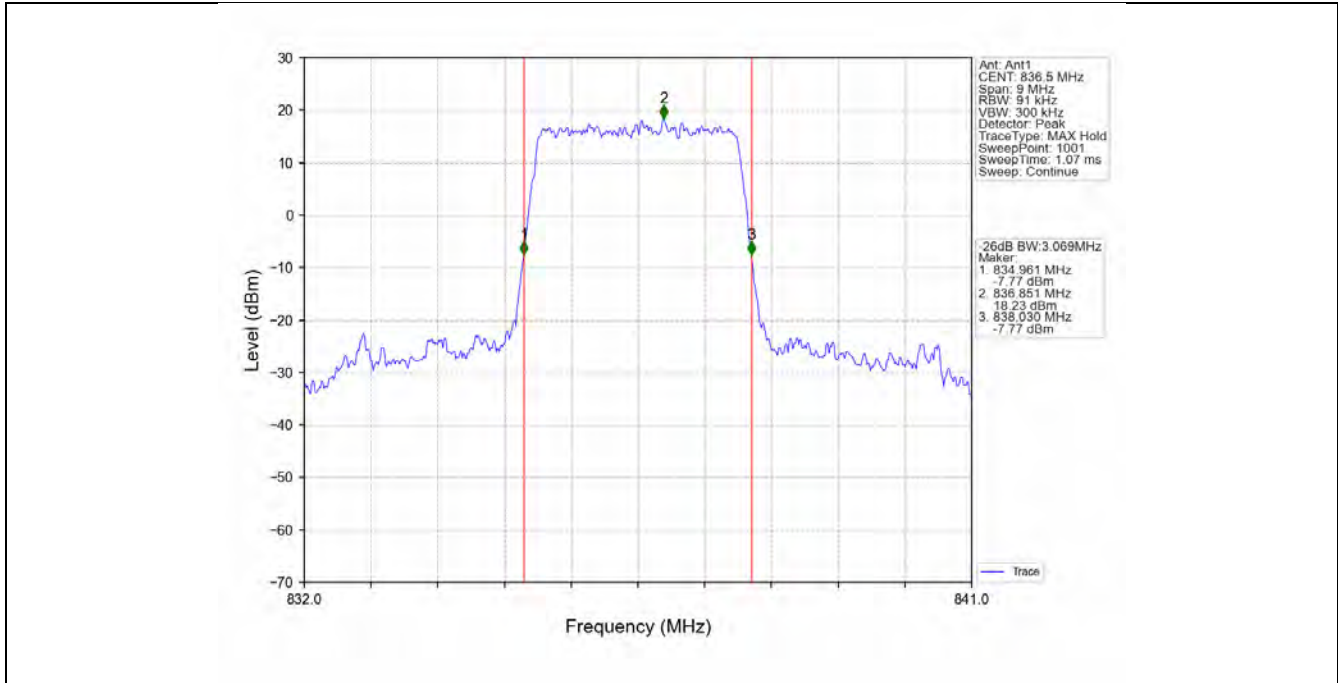


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Report No.: SZCR240100038408

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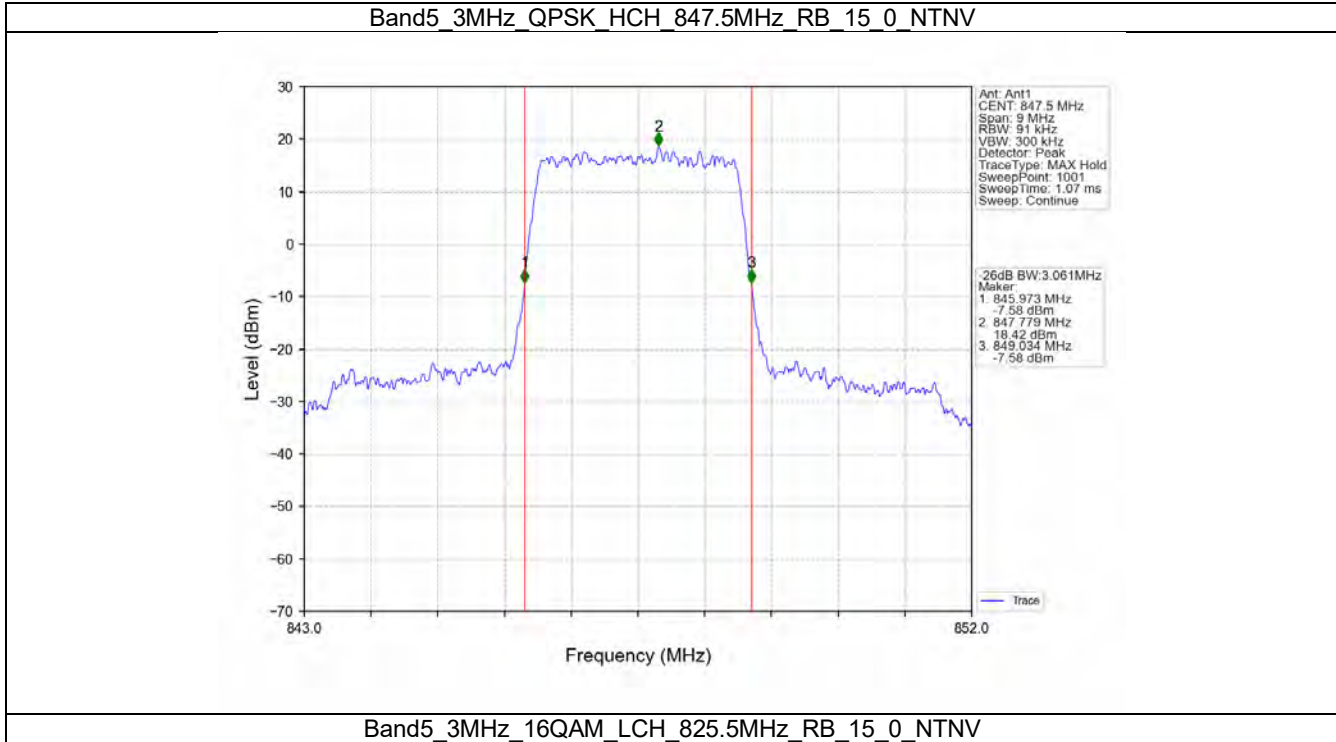


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Report No.: SZCR240100038408

Rev.: 01

Page: 88 of 290



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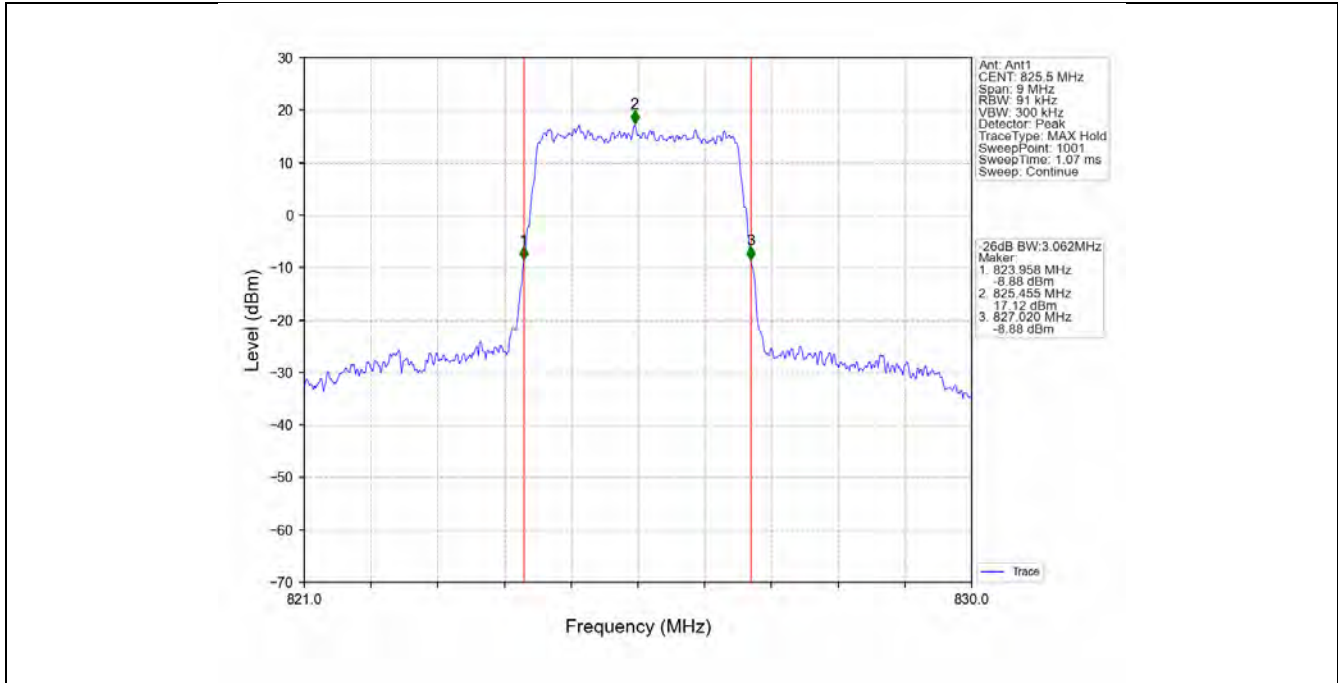


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Report No.: SZCR240100038408

Rev.: 01

Page: 89 of 290



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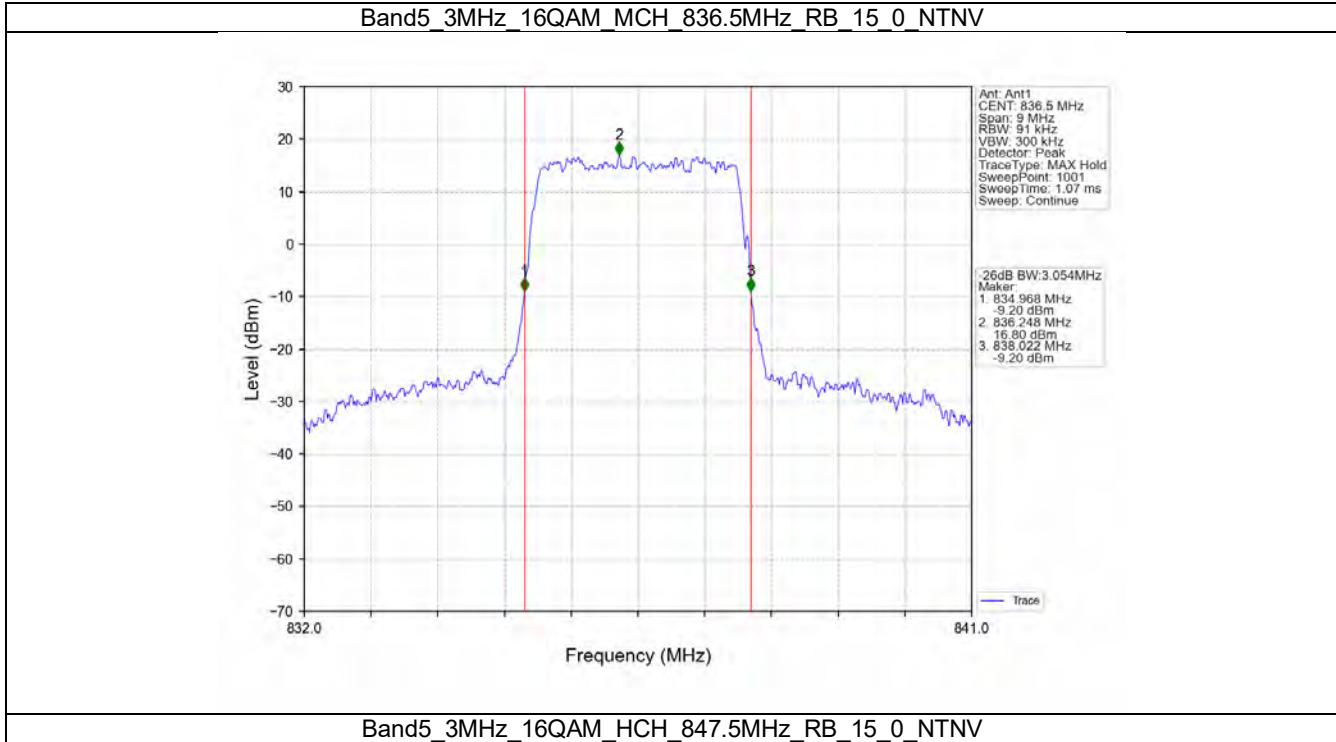


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Report No.: SZCR240100038408

Rev.: 01

Page: 90 of 290



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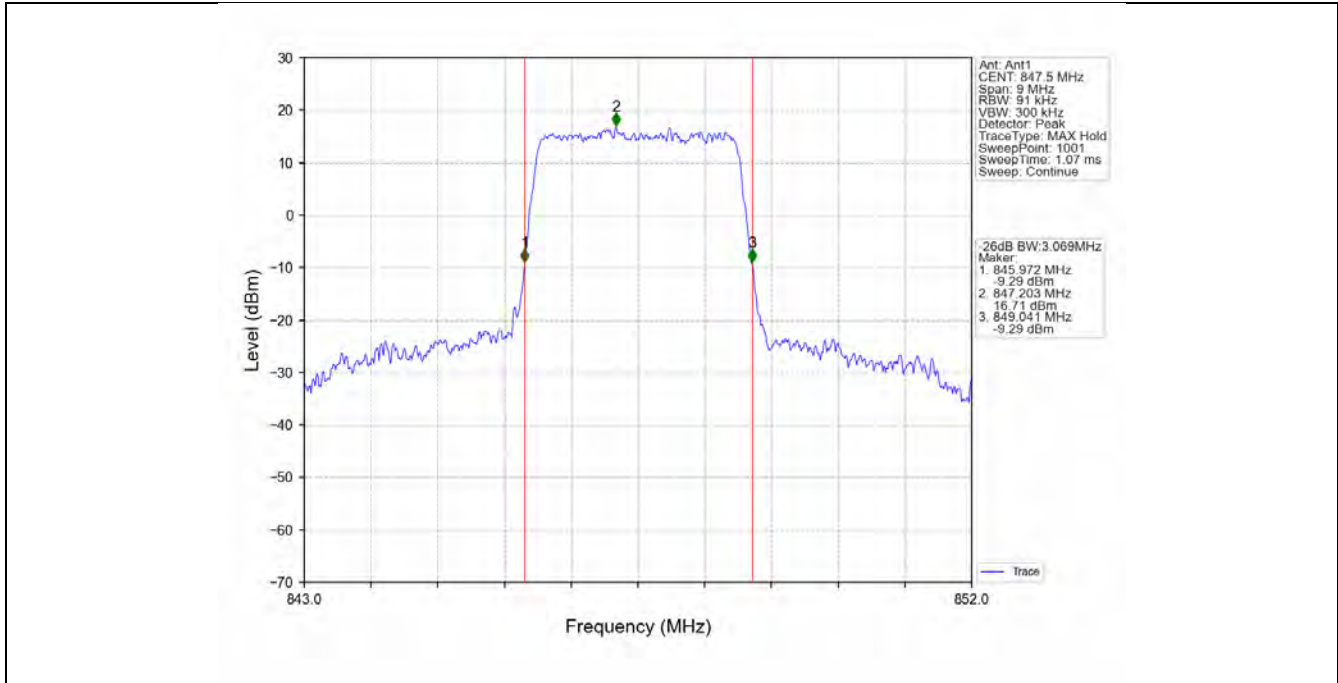


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Report No.: SZCR240100038408

Rev.: 01

Page: 91 of 290



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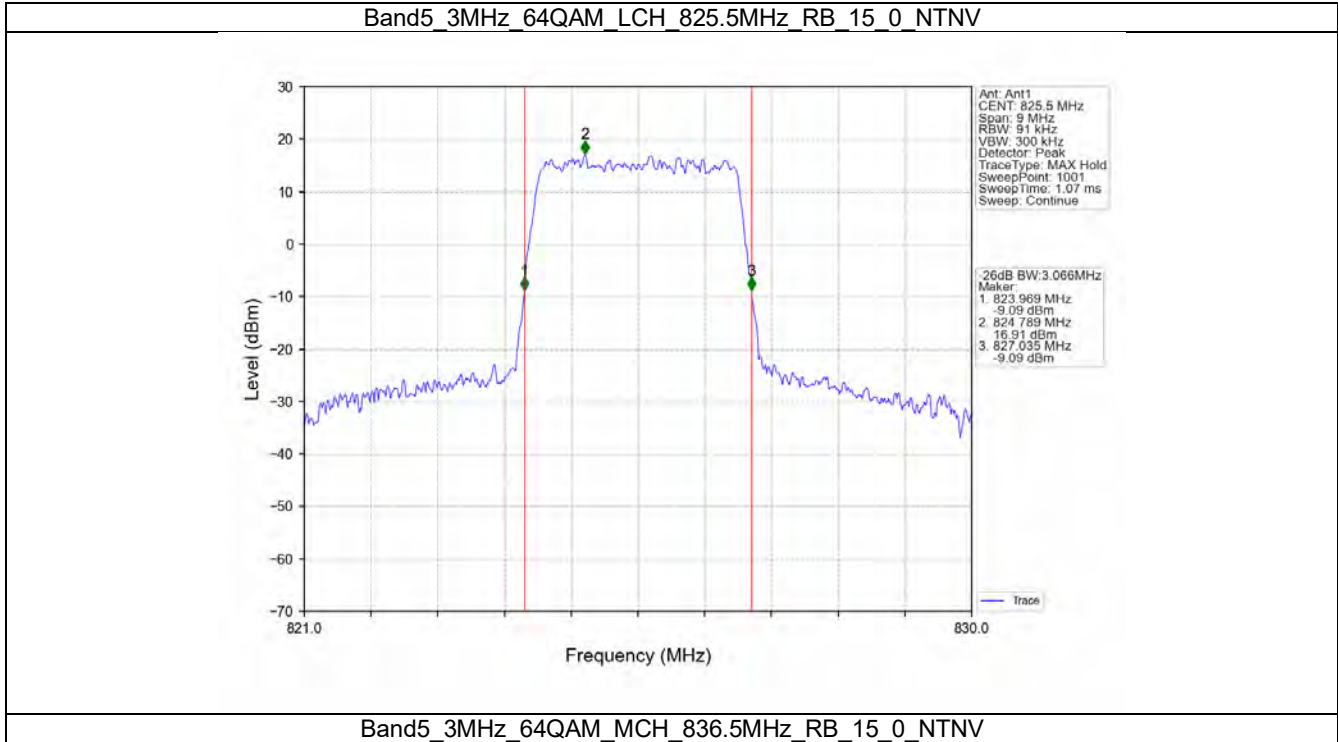


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Report No.: SZCR240100038408

Rev.: 01

Page: 92 of 290



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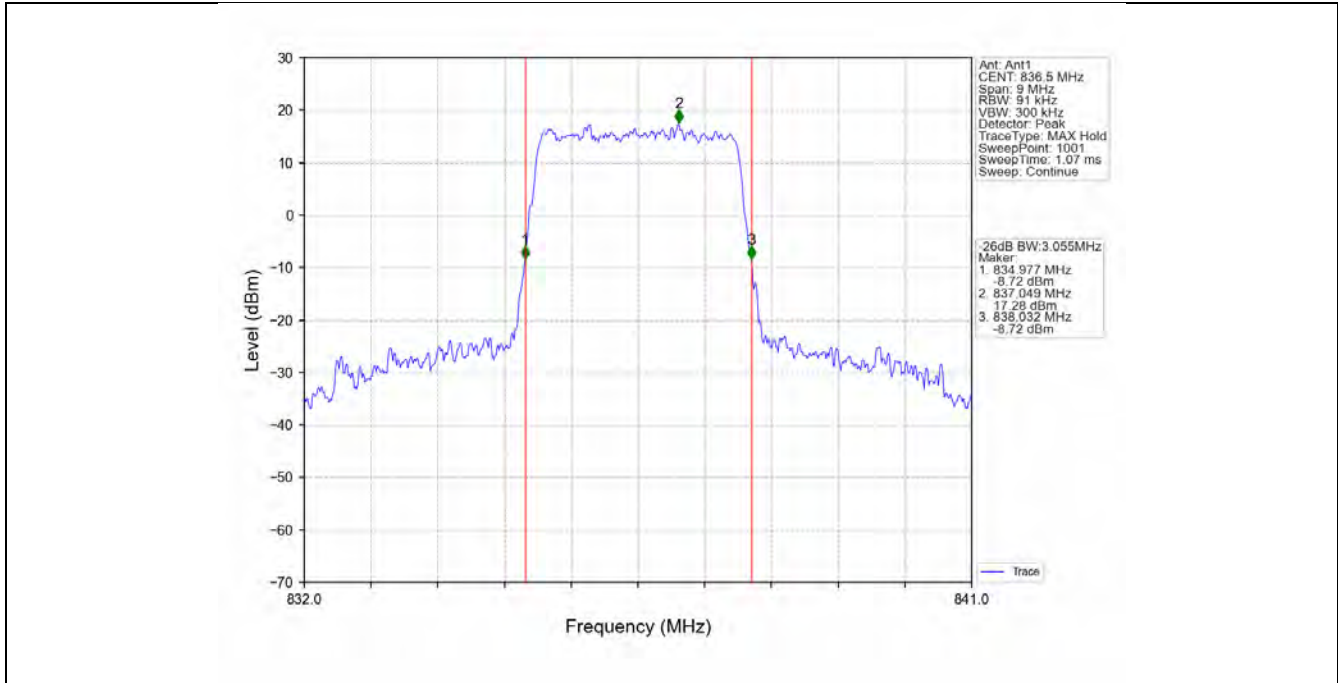


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Report No.: SZCR240100038408

Rev.: 01

Page: 93 of 290



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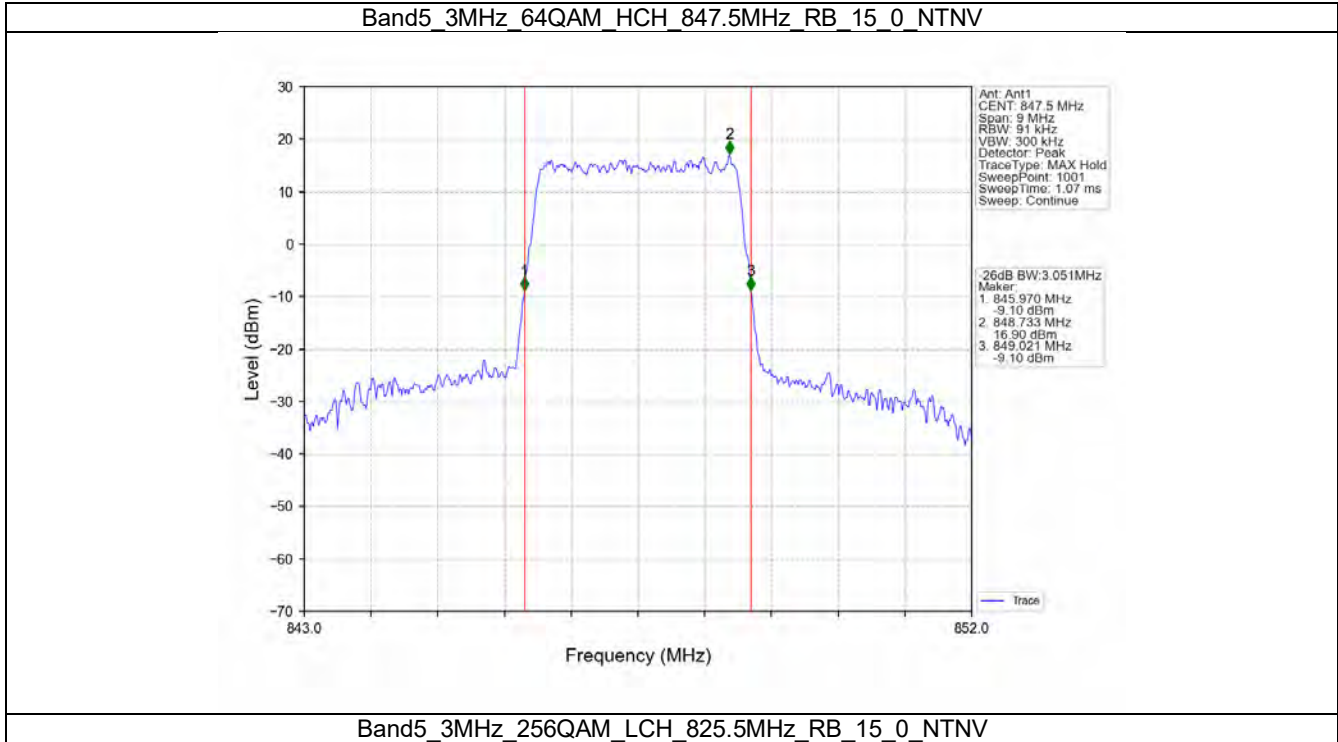


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 94 of 290



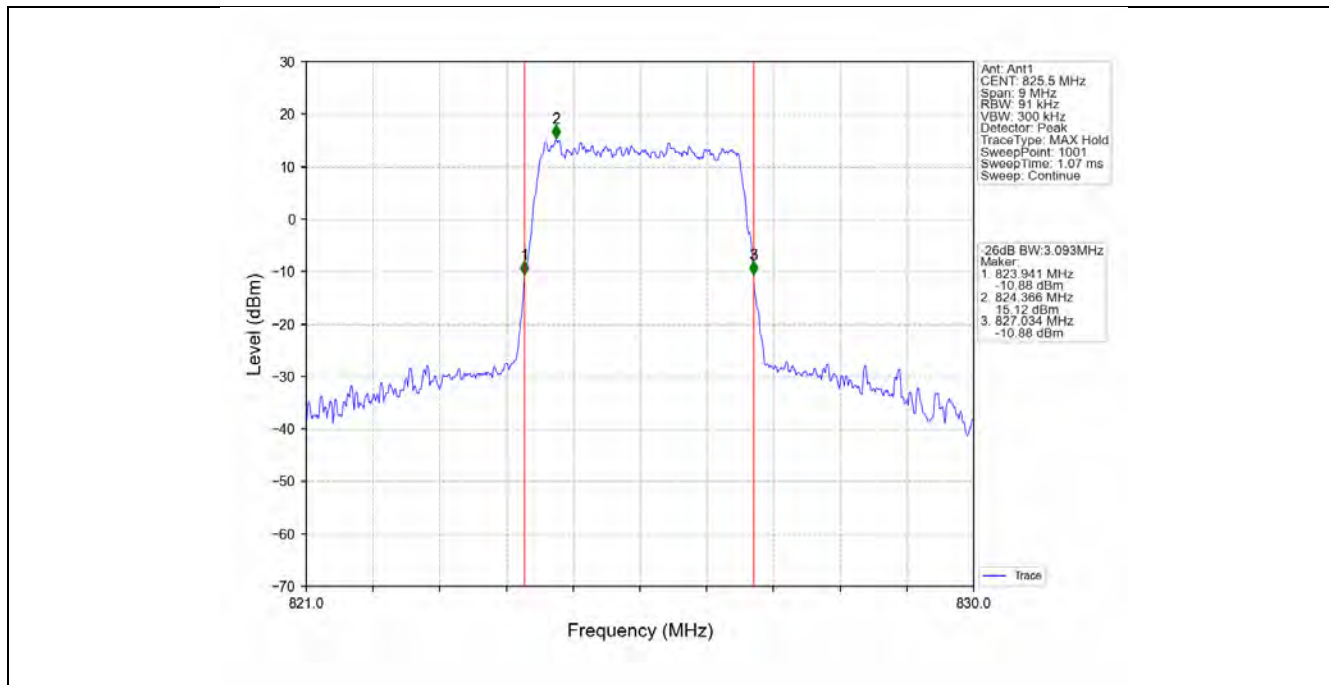
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 95 of 290



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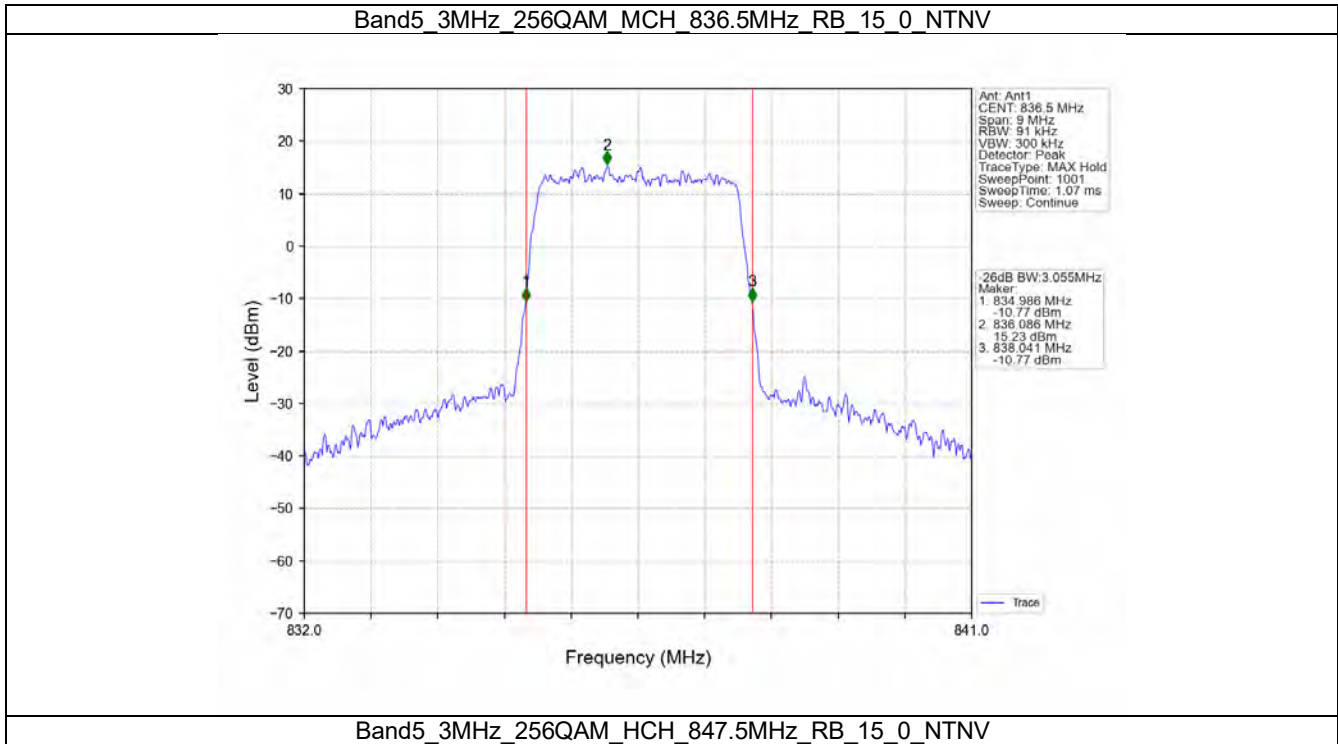


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Report No.: SZCR240100038408

Rev.: 01

Page: 96 of 290



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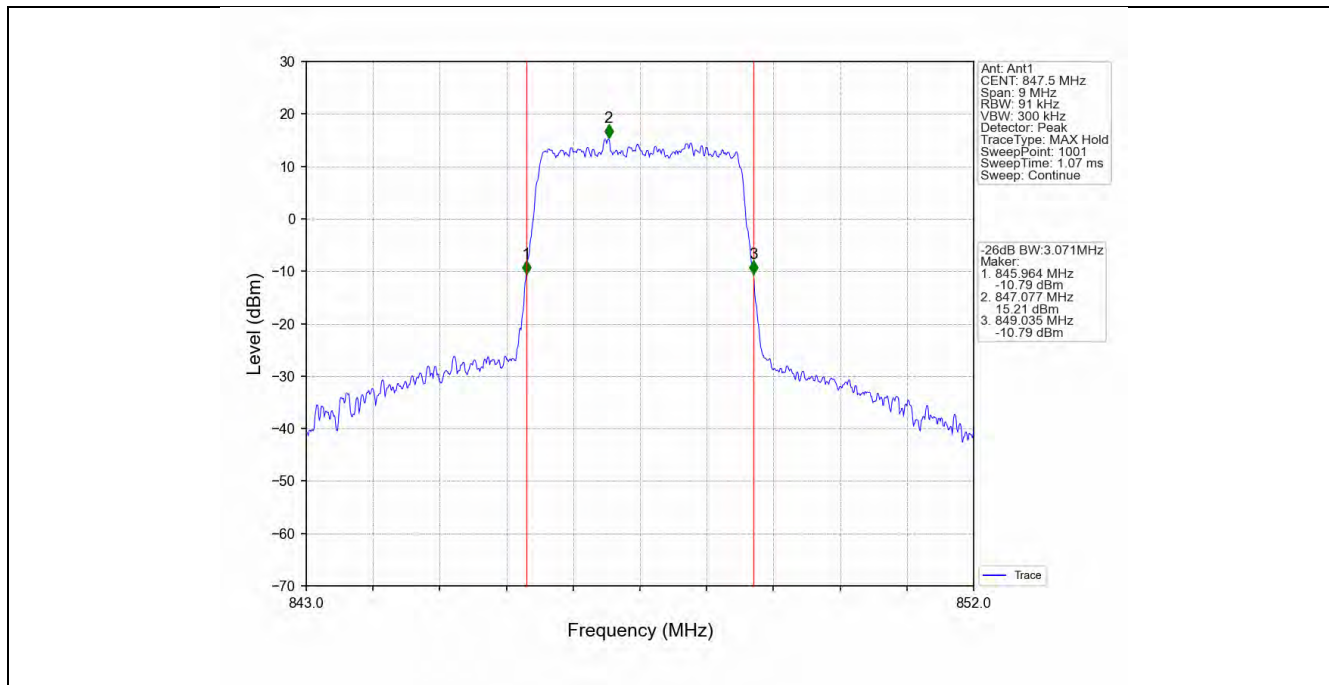
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 97 of 290



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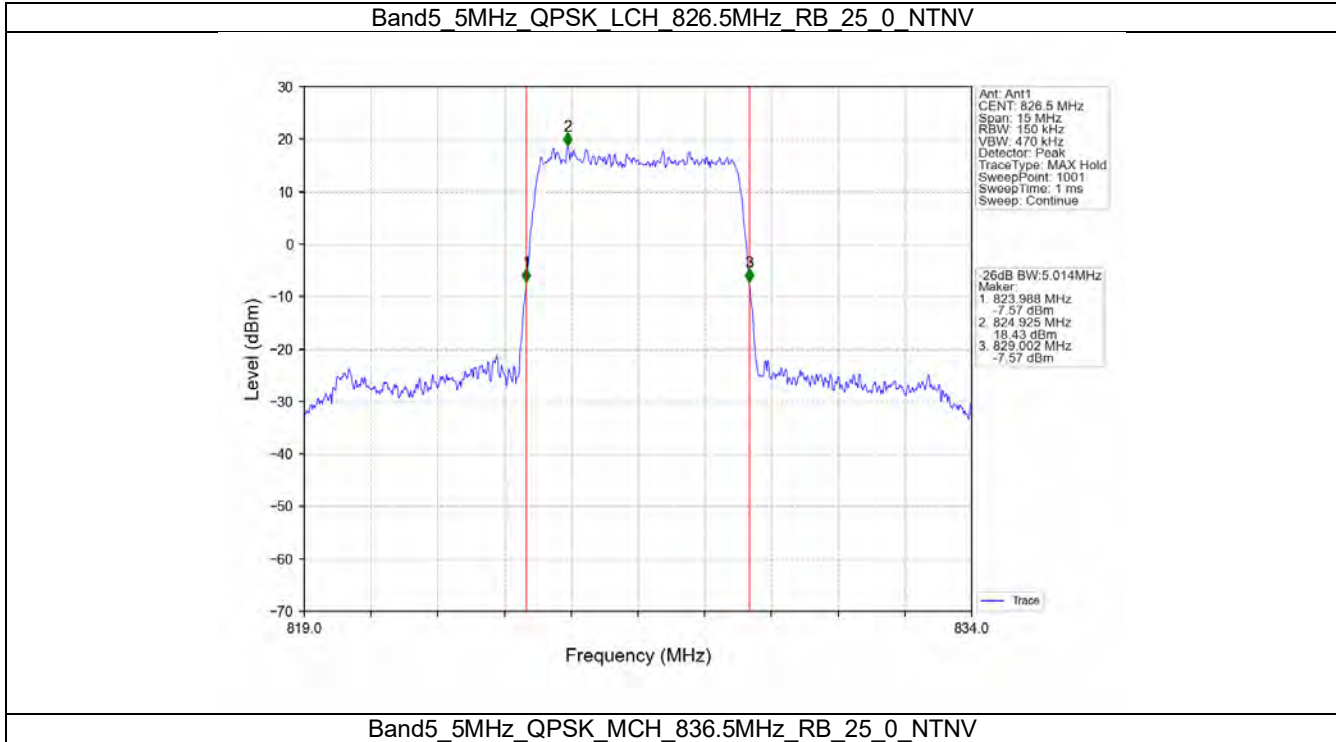


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 98 of 290



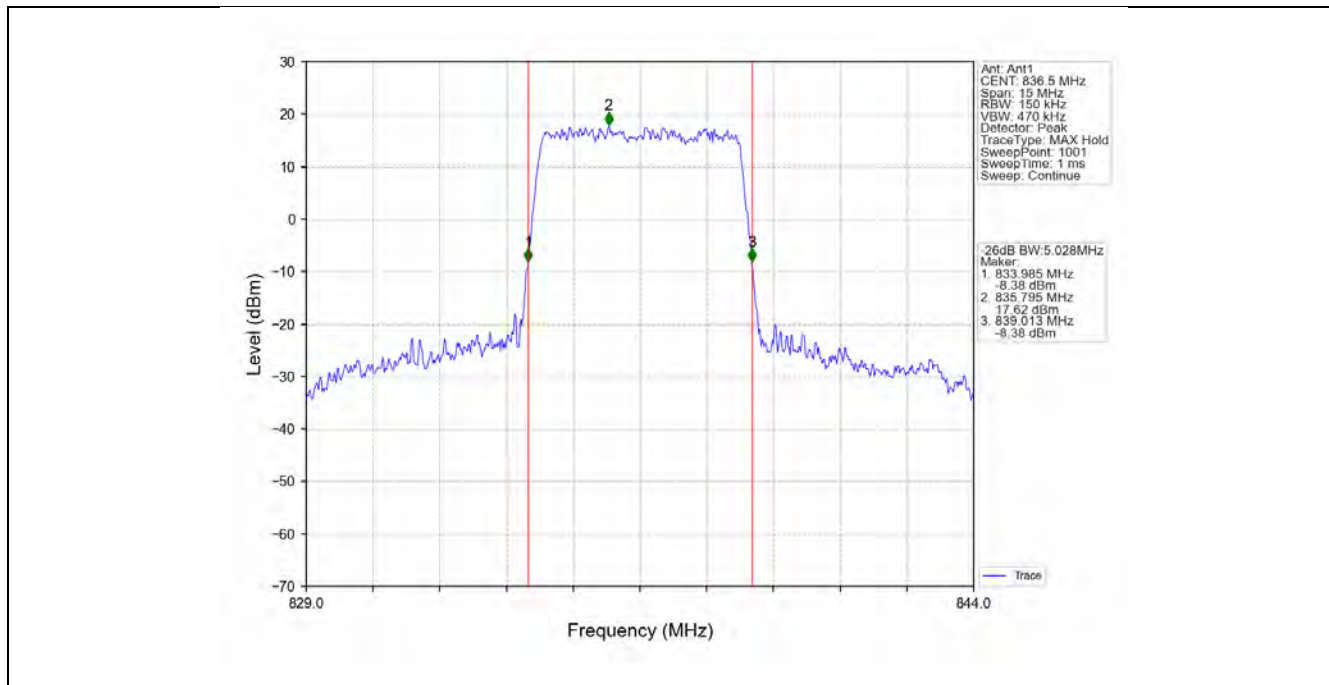
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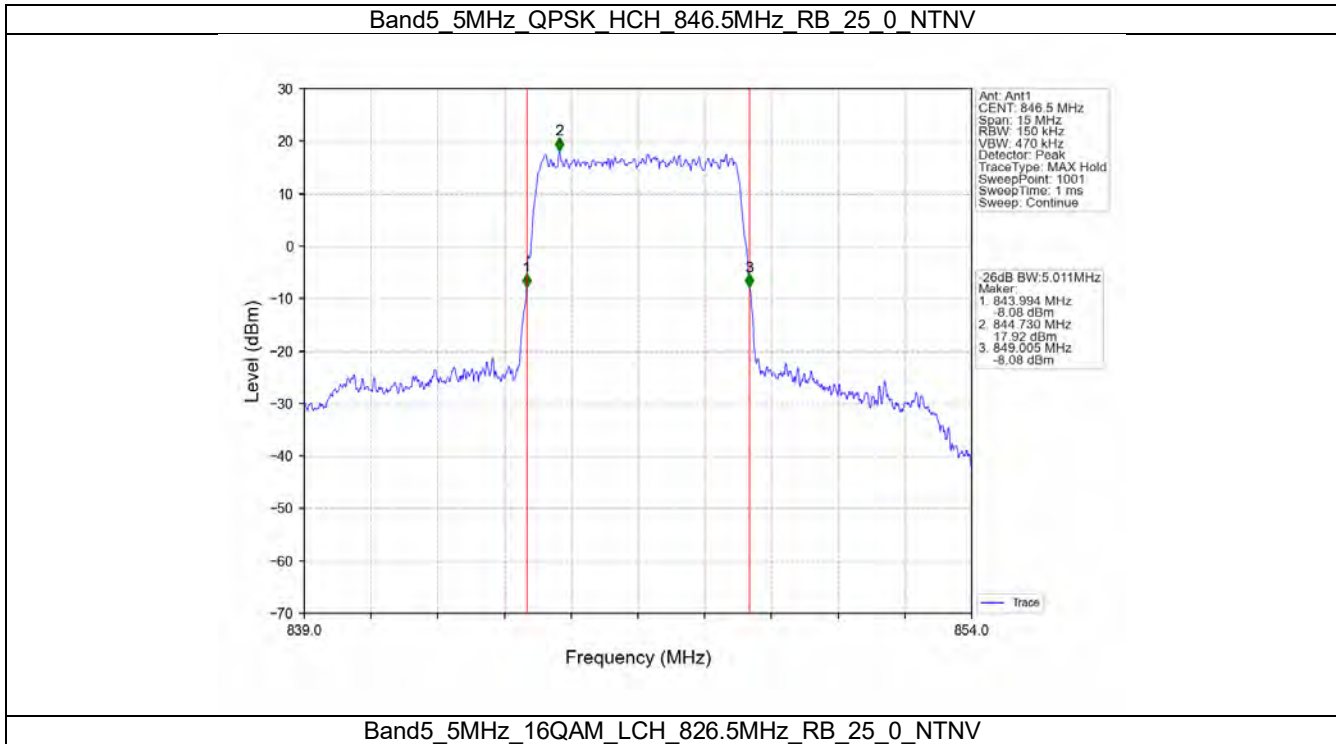


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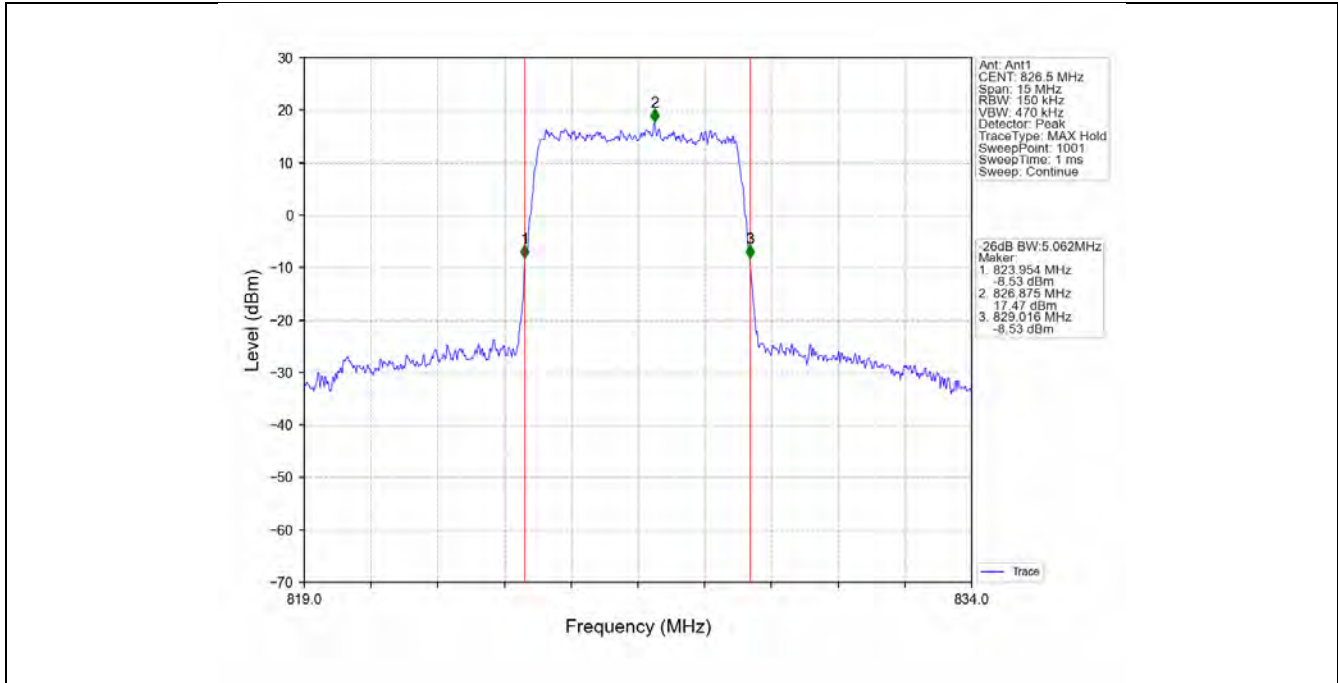


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Rev.: 01

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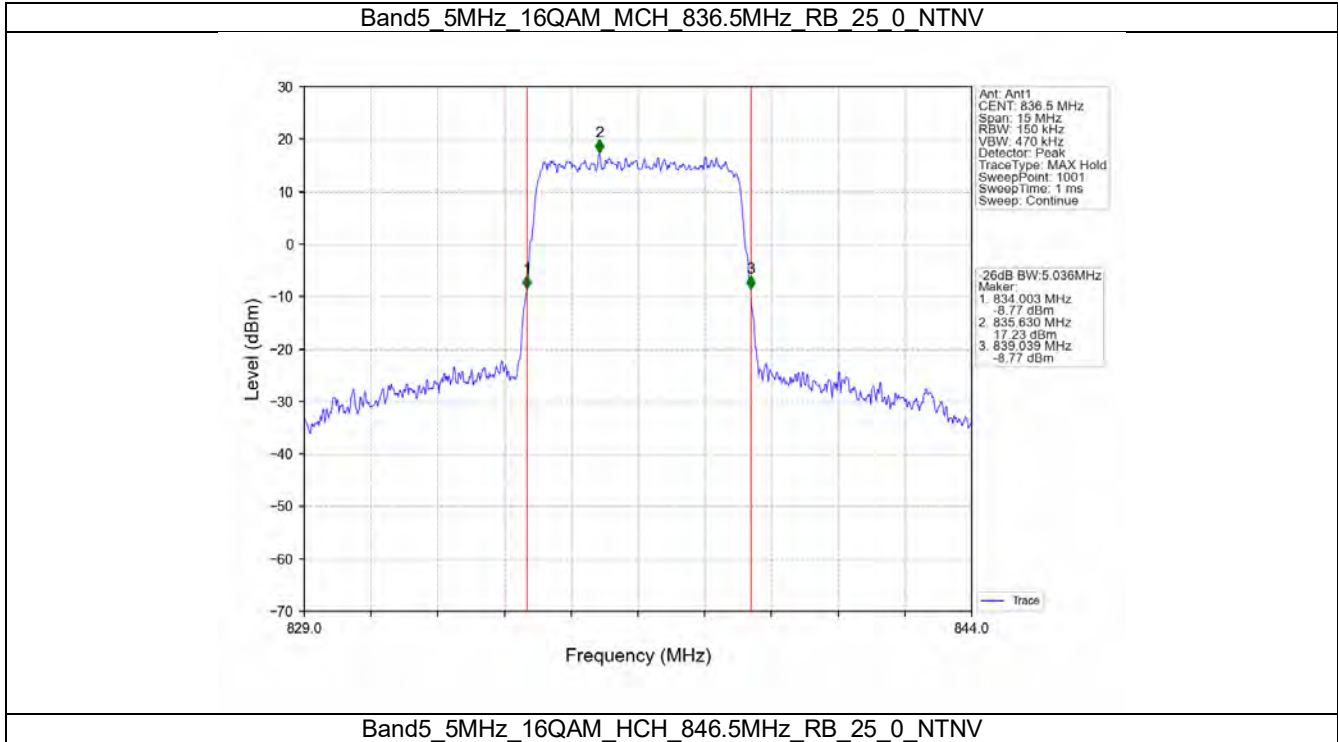


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Rev.: 01

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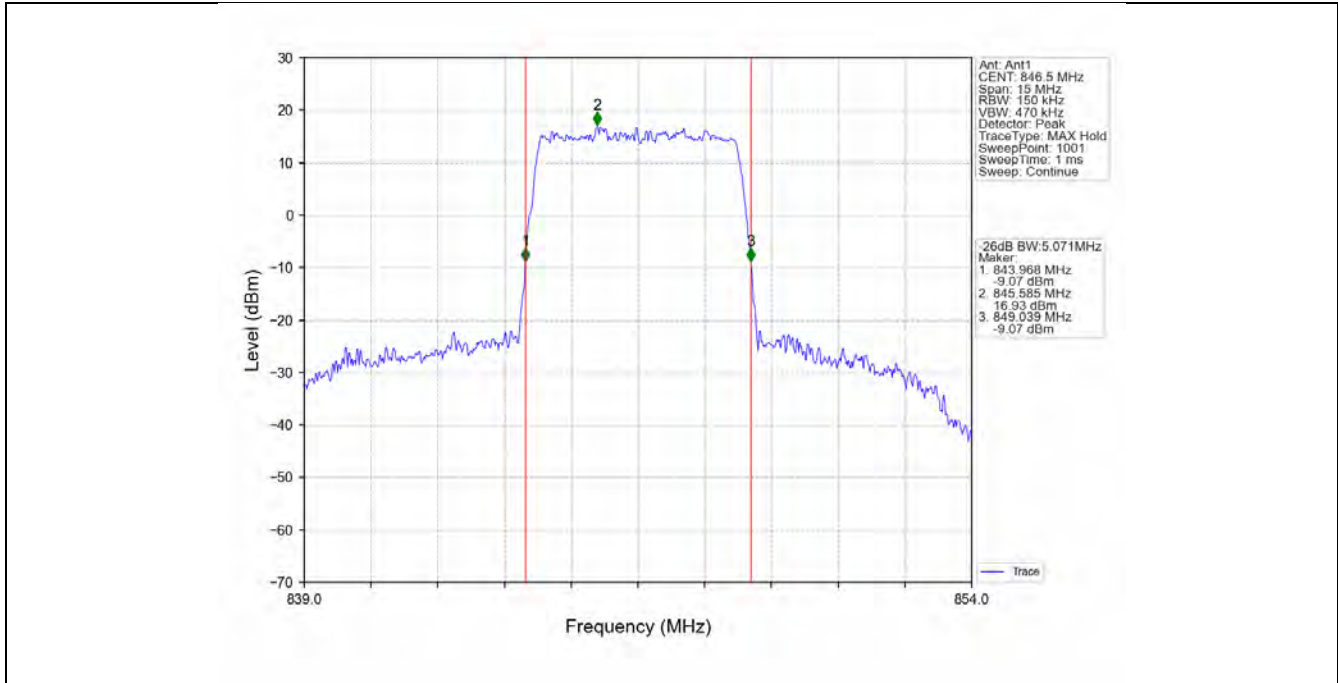


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Report No.: SZCR240100038408

Rev.: 01

Page: 103 of 290



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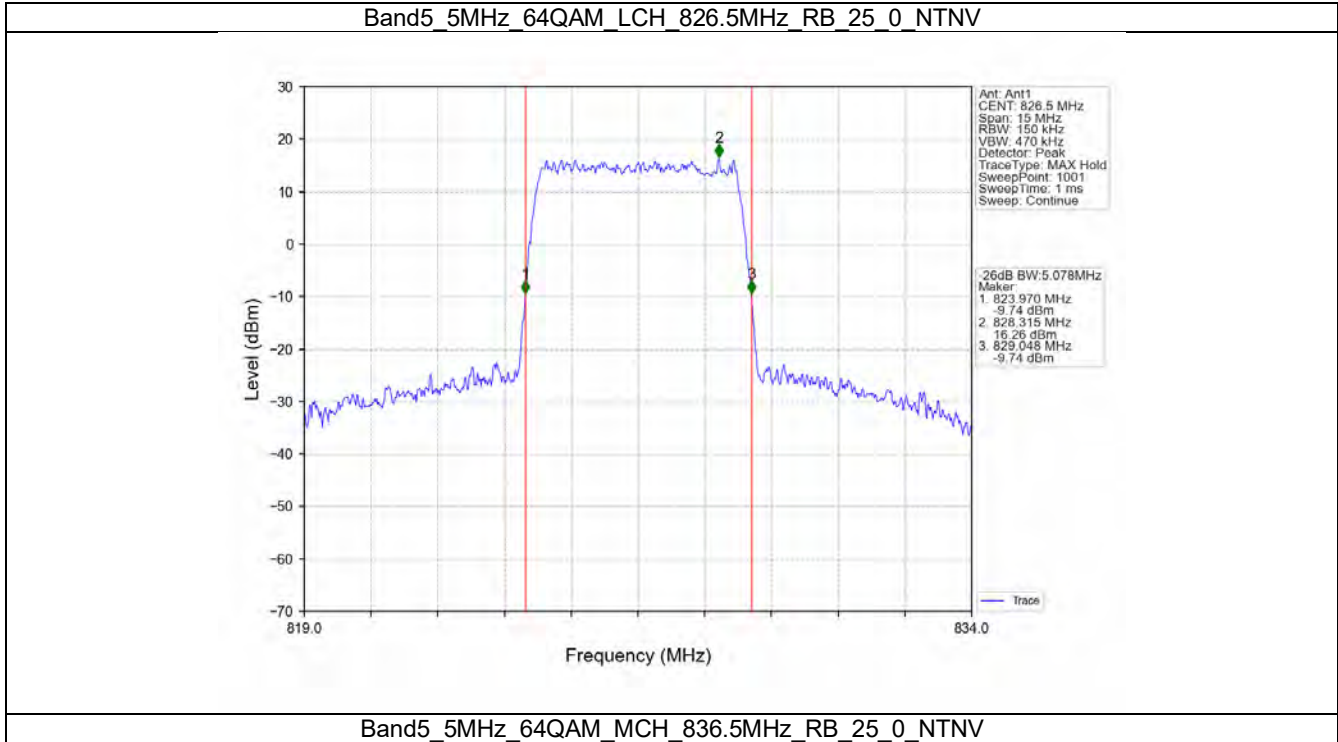


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Report No.: SZCR240100038408

Rev.: 01

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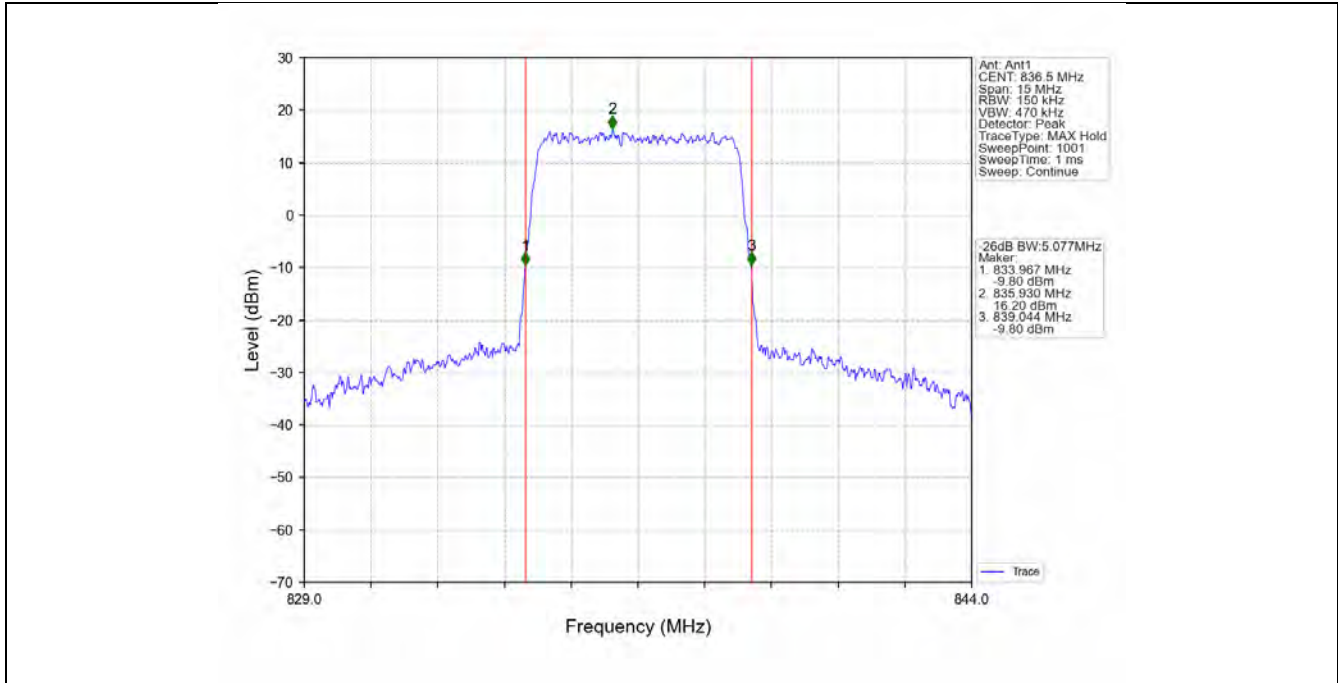


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Report No.: SZCR240100038408

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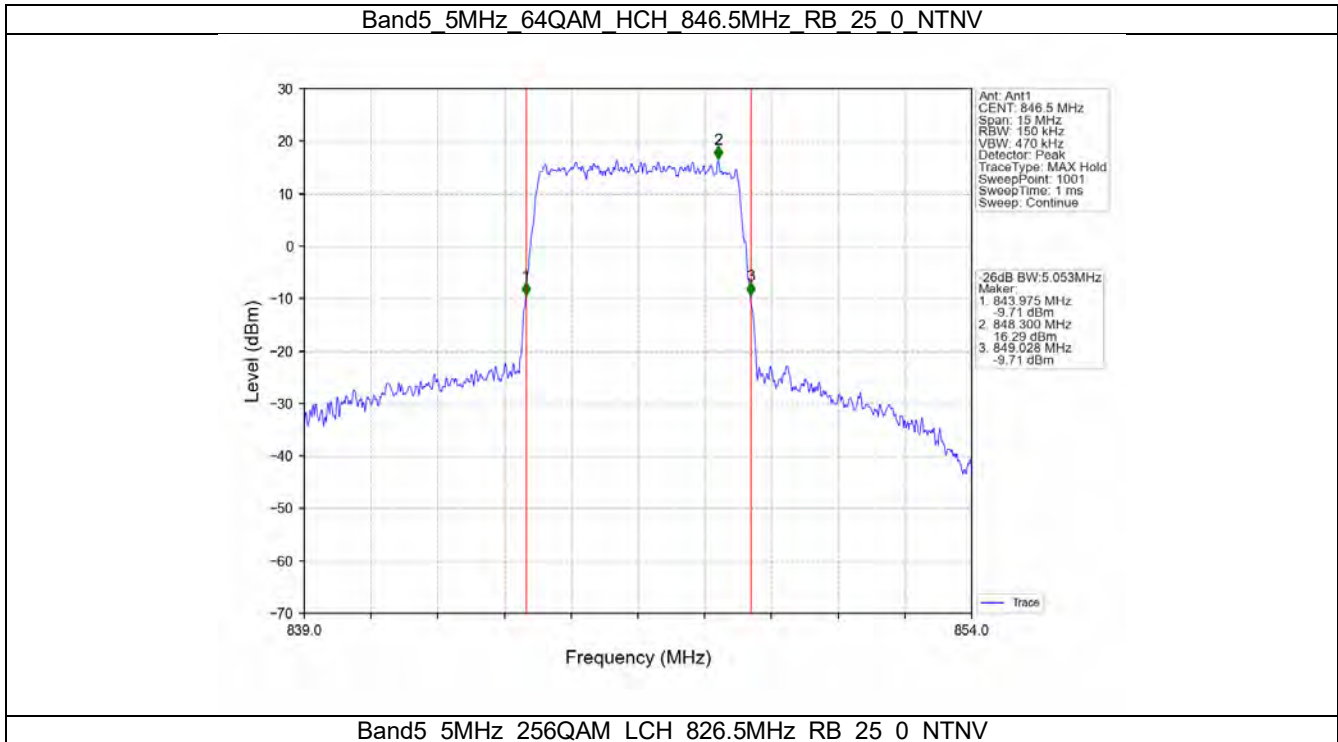


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Report No.: SZCR240100038408

Rev.: 01

Page: 106 of 290



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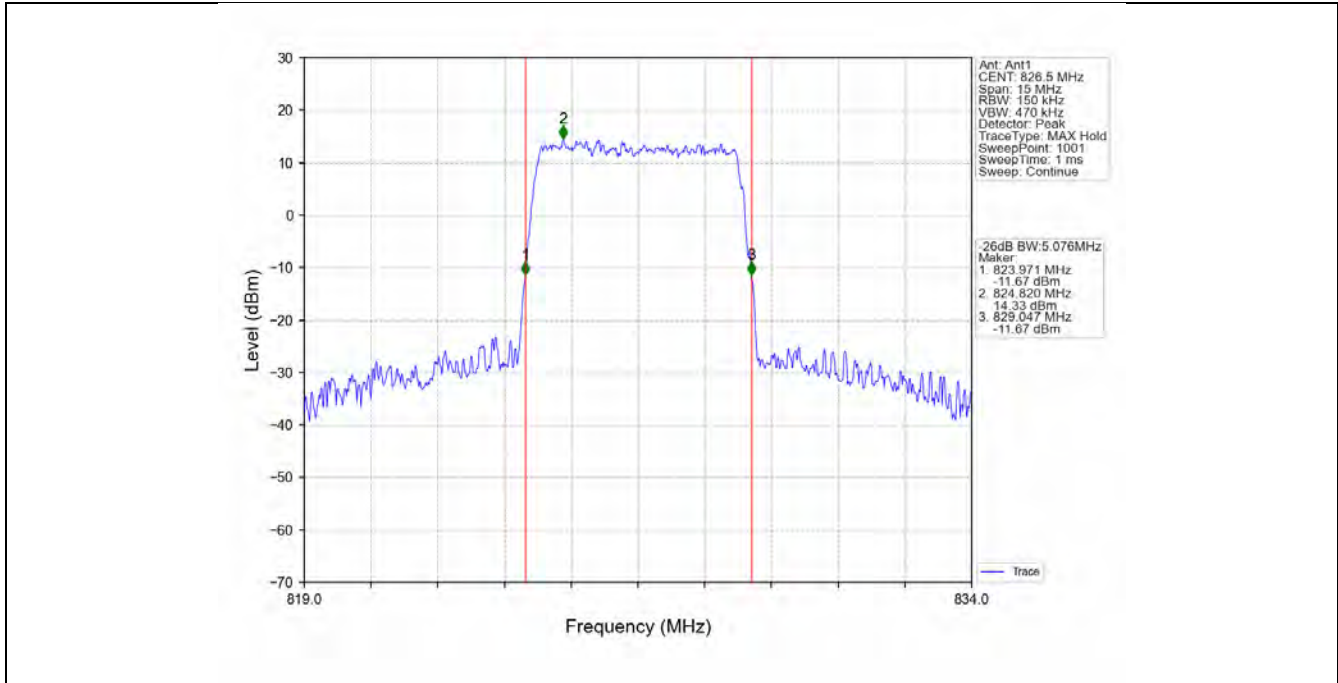


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Report No.: SZCR240100038408

Rev.: 01

Page: 107 of 290



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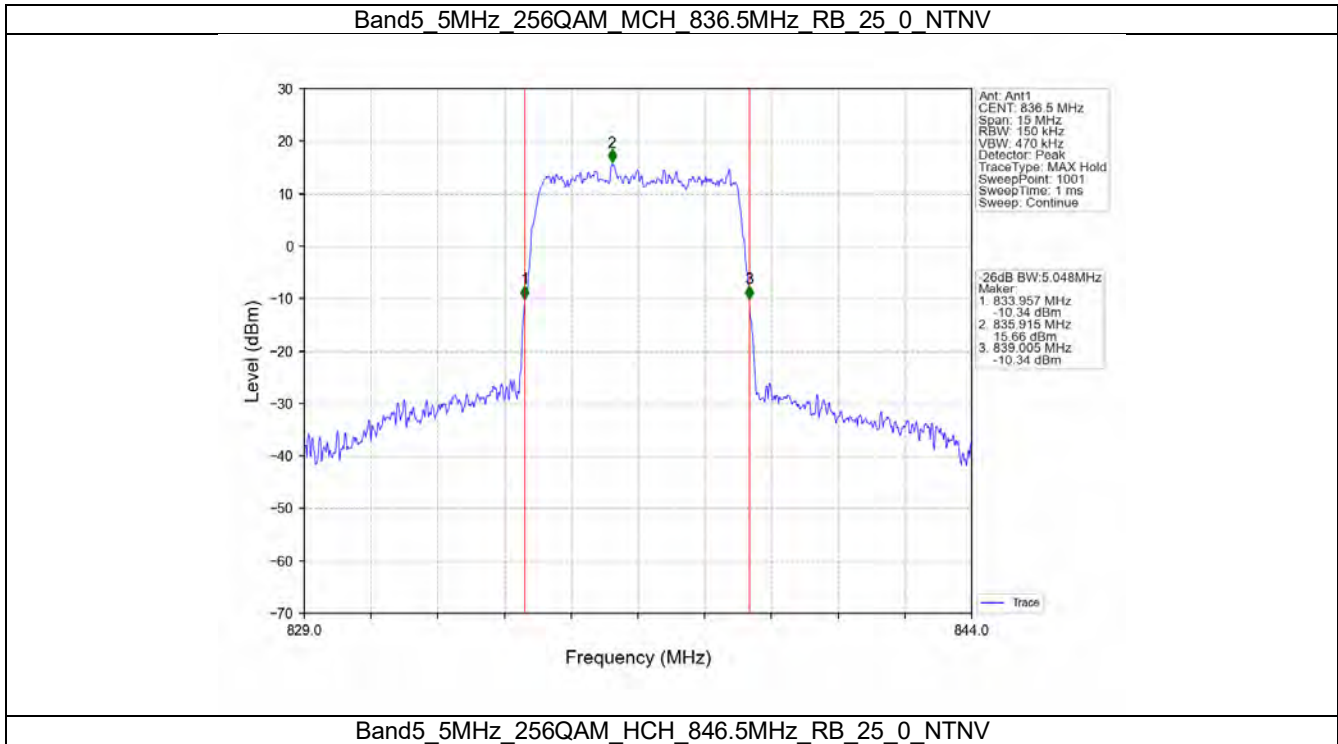


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Report No.: SZCR240100038408

Rev.: 01

Page: 108 of 290



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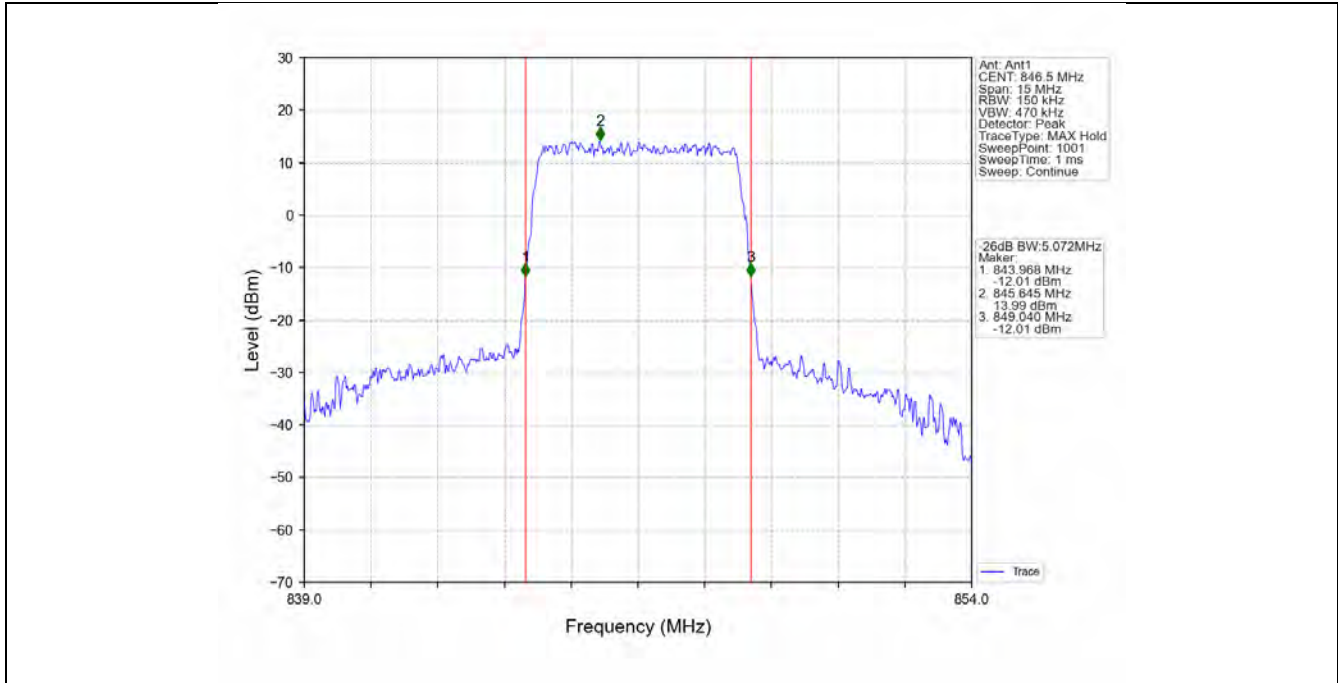


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Report No.: SZCR240100038408

Rev.: 01

Page: 109 of 290



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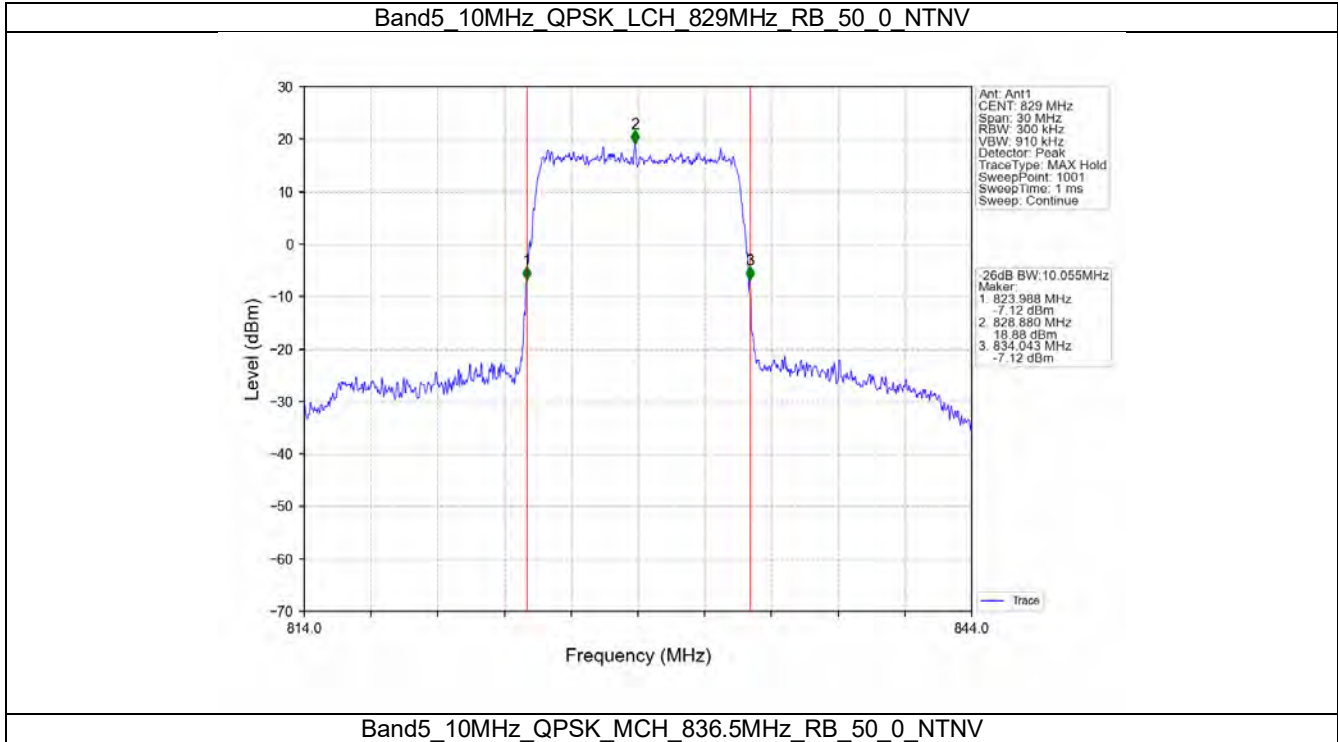


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Report No.: SZCR240100038408

Rev.: 01

Page: 110 of 290



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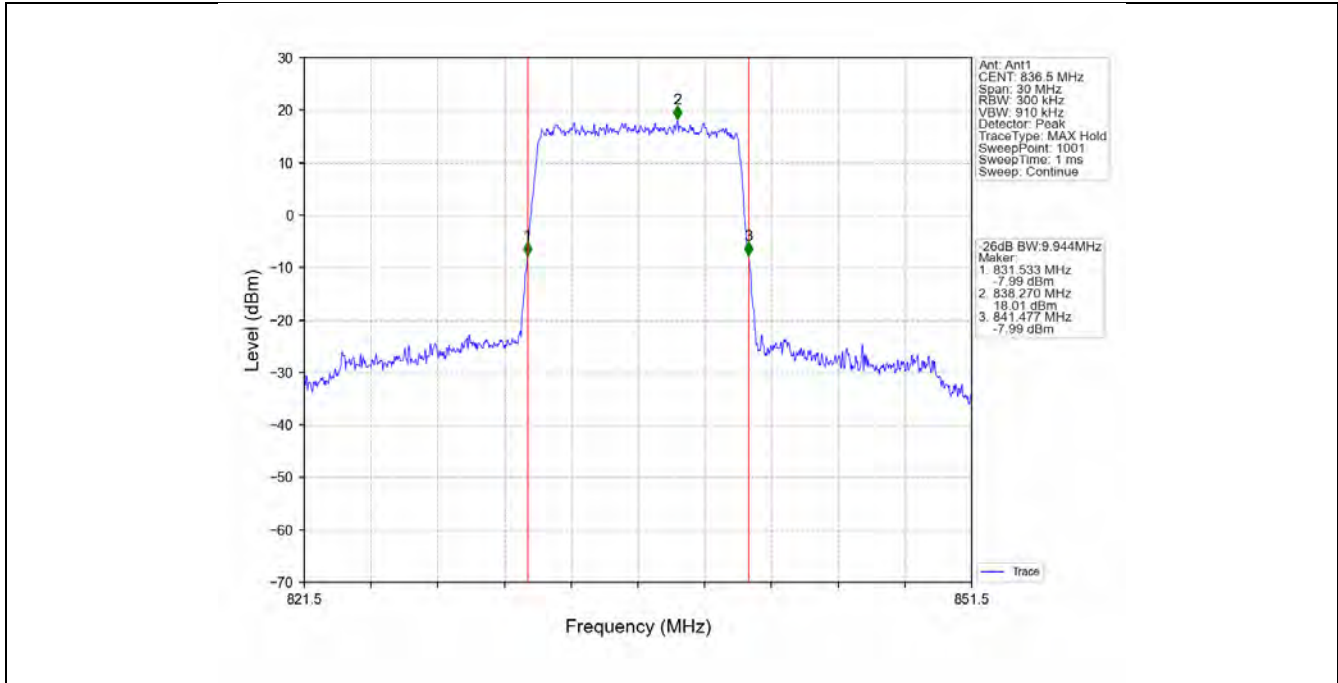


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Report No.: SZCR240100038408

Rev.: 01

Page: 111 of 290



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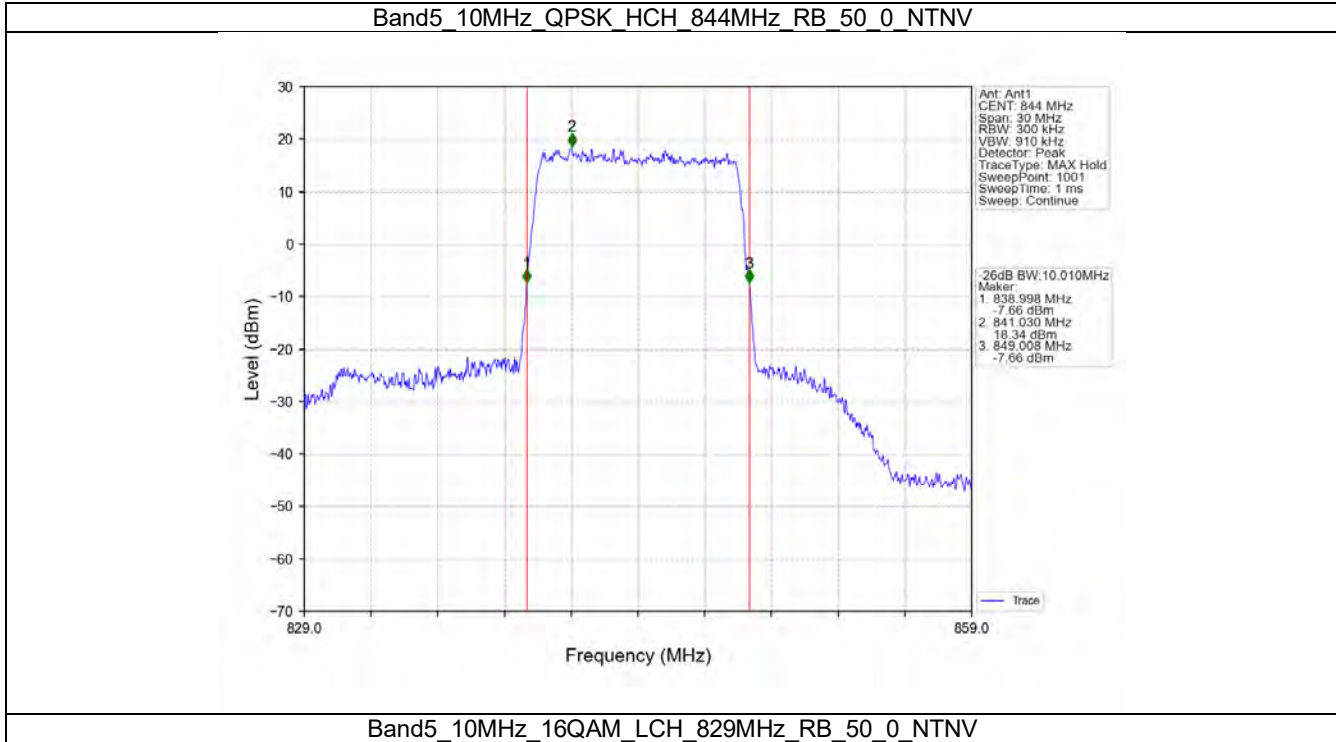


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Report No.: SZCR240100038408

Rev.: 01

Page: 112 of 290



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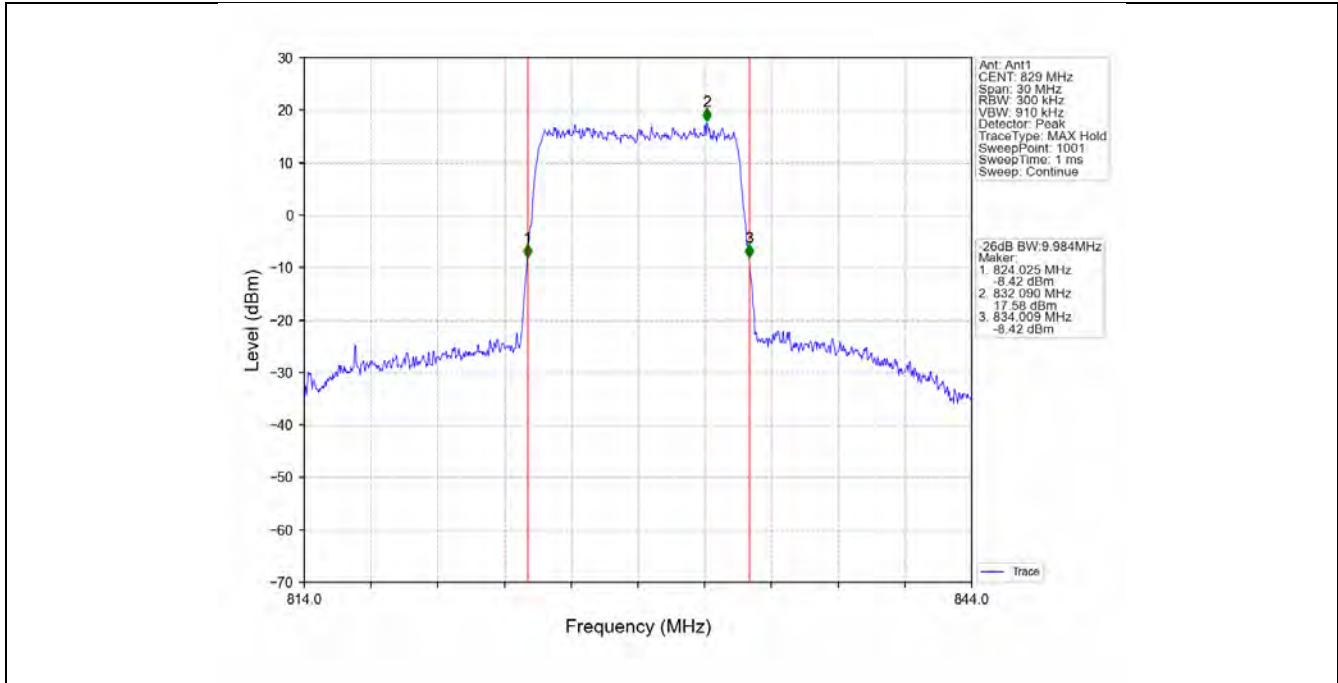


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Report No.: SZCR240100038408

Rev.: 01

Page: 113 of 290



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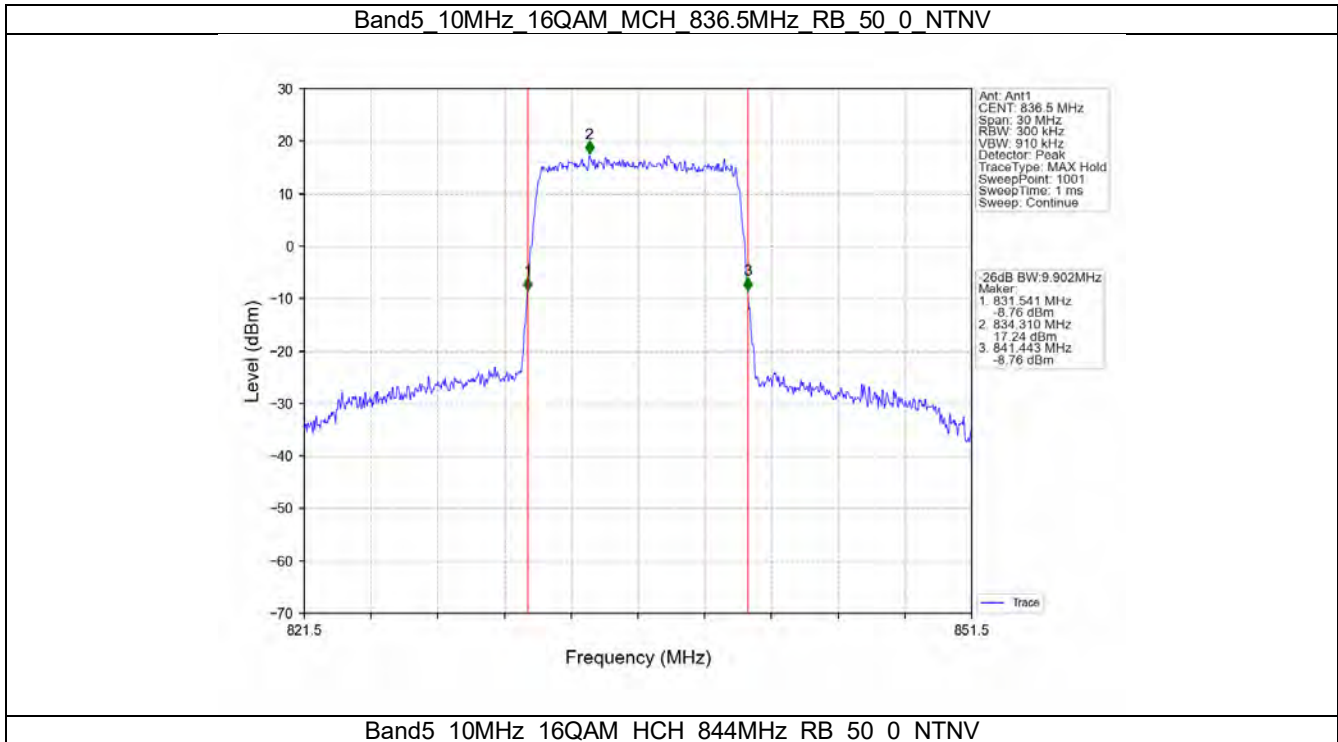


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Rev.: 01

Page: 114 of 290



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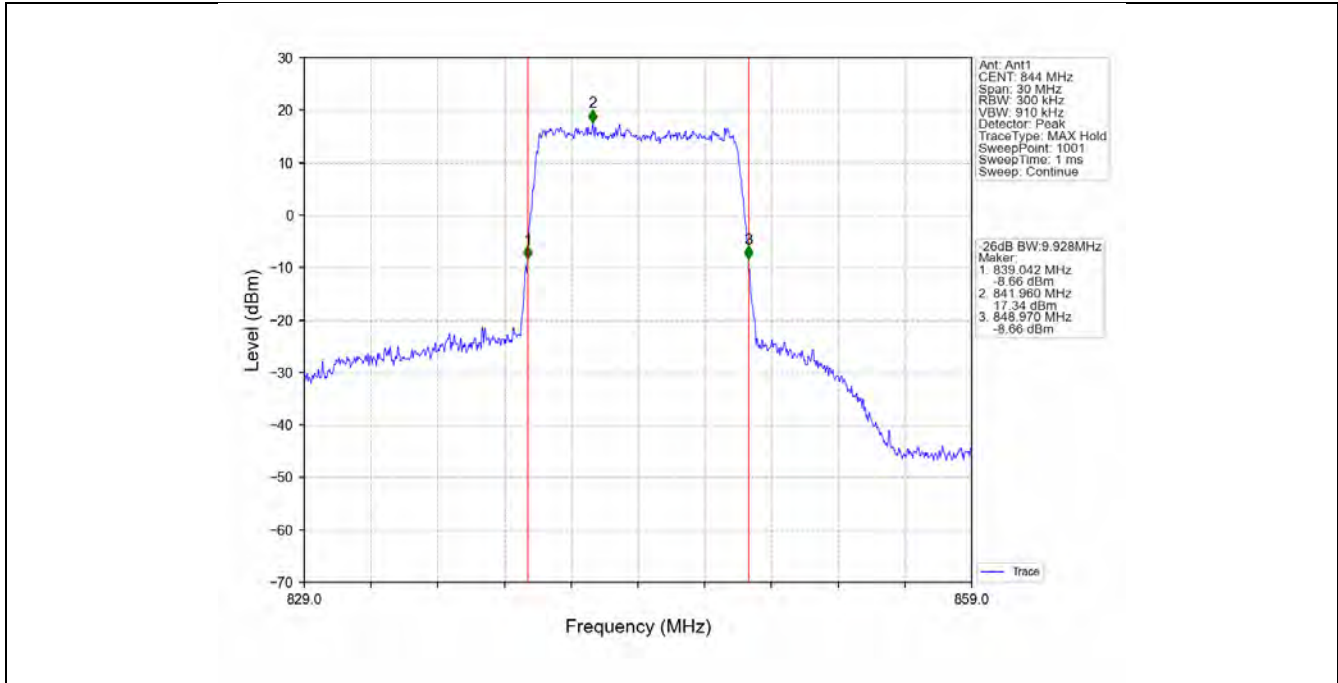


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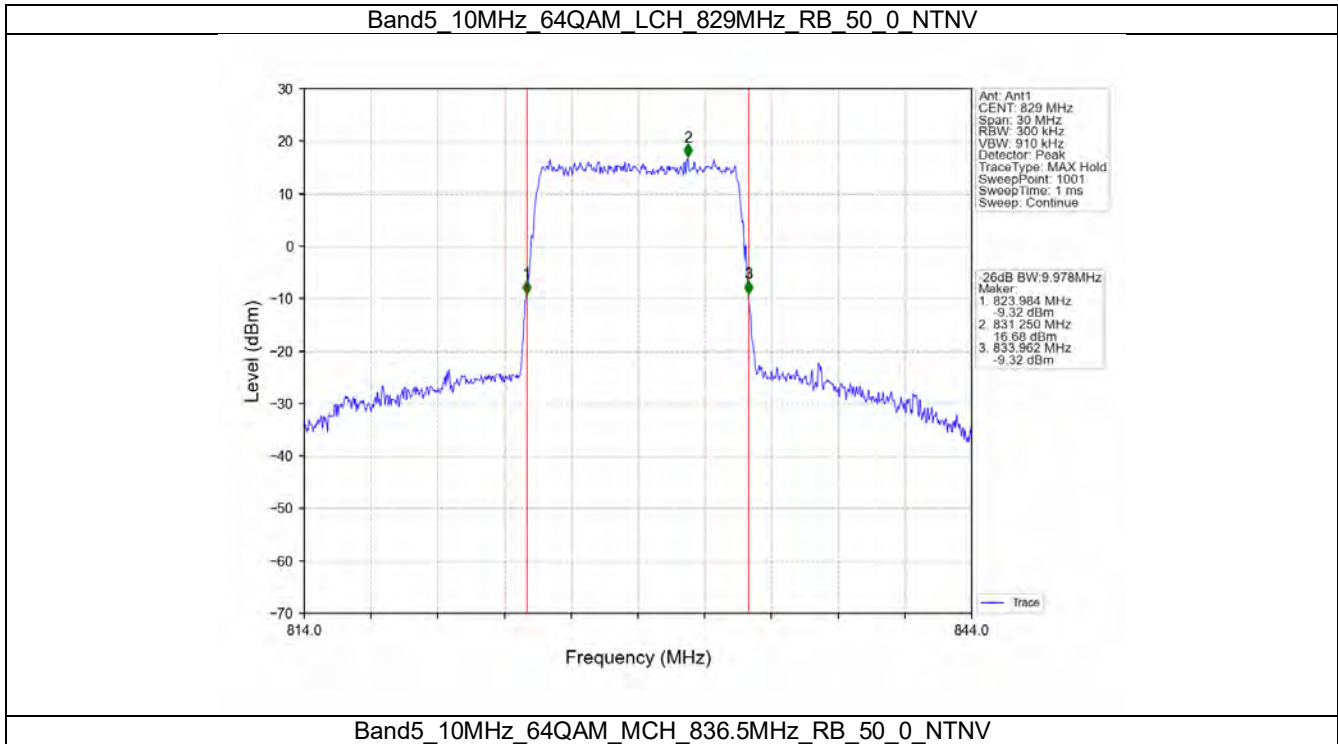


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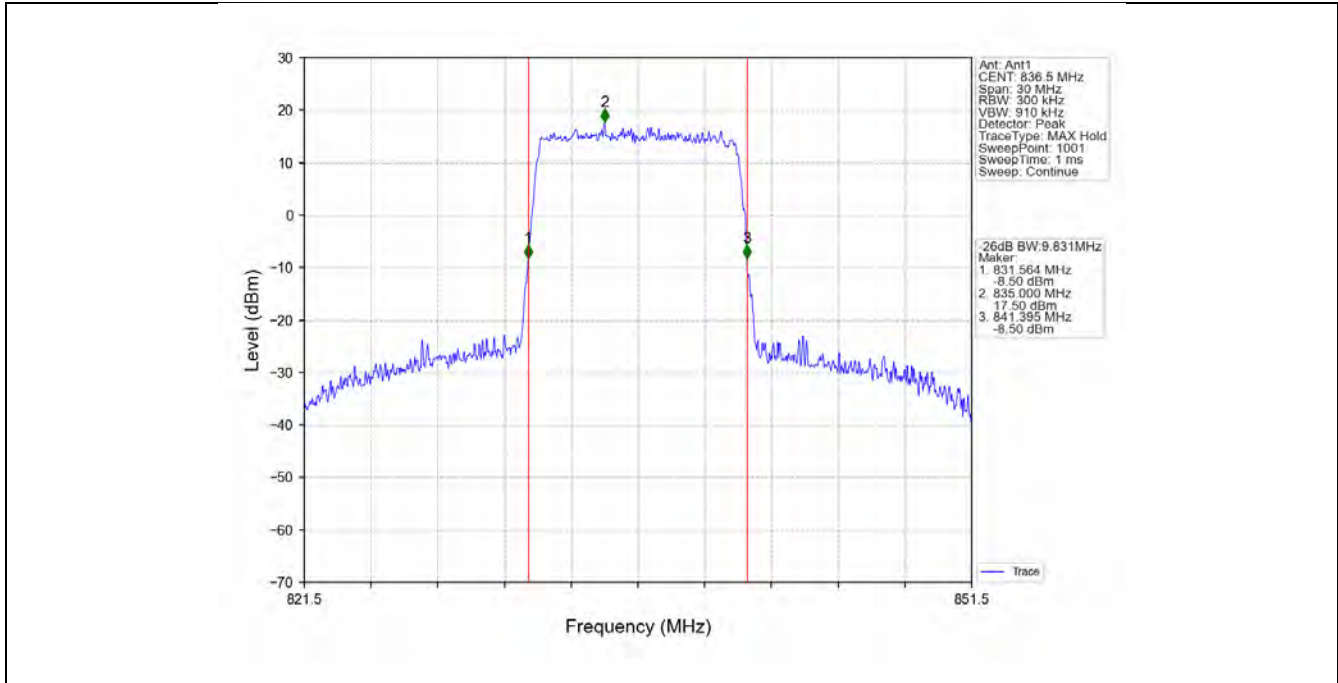


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Report No.: SZCR240100038408

Rev.: 01

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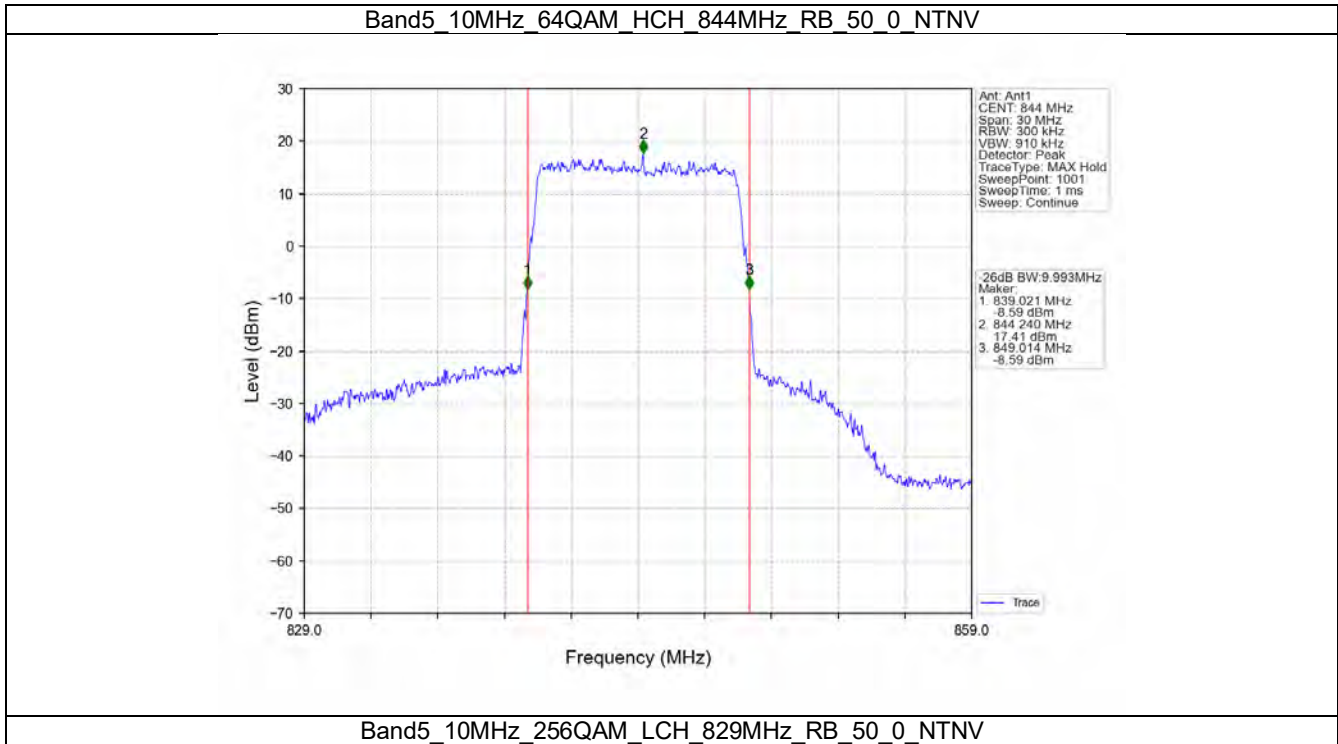


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Rev.: 01

Page: 118 of 290



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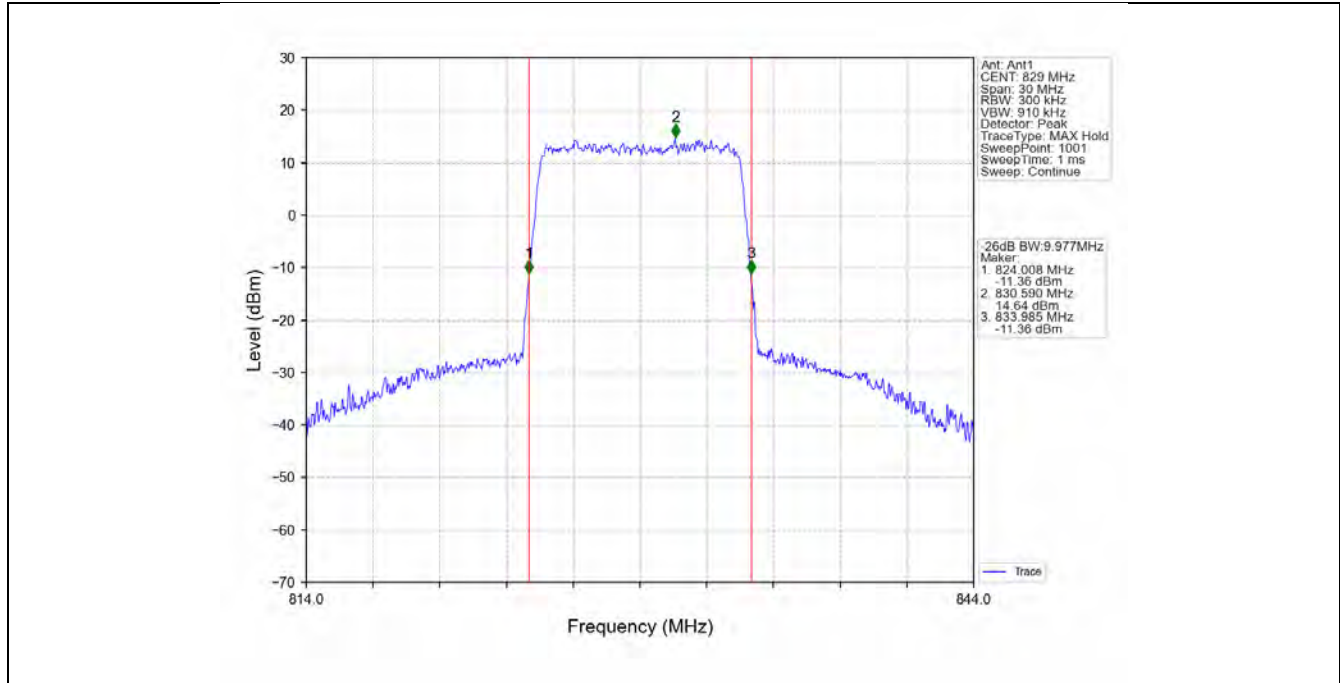


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Report No.: SZCR240100038408

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Page: 119 of 290



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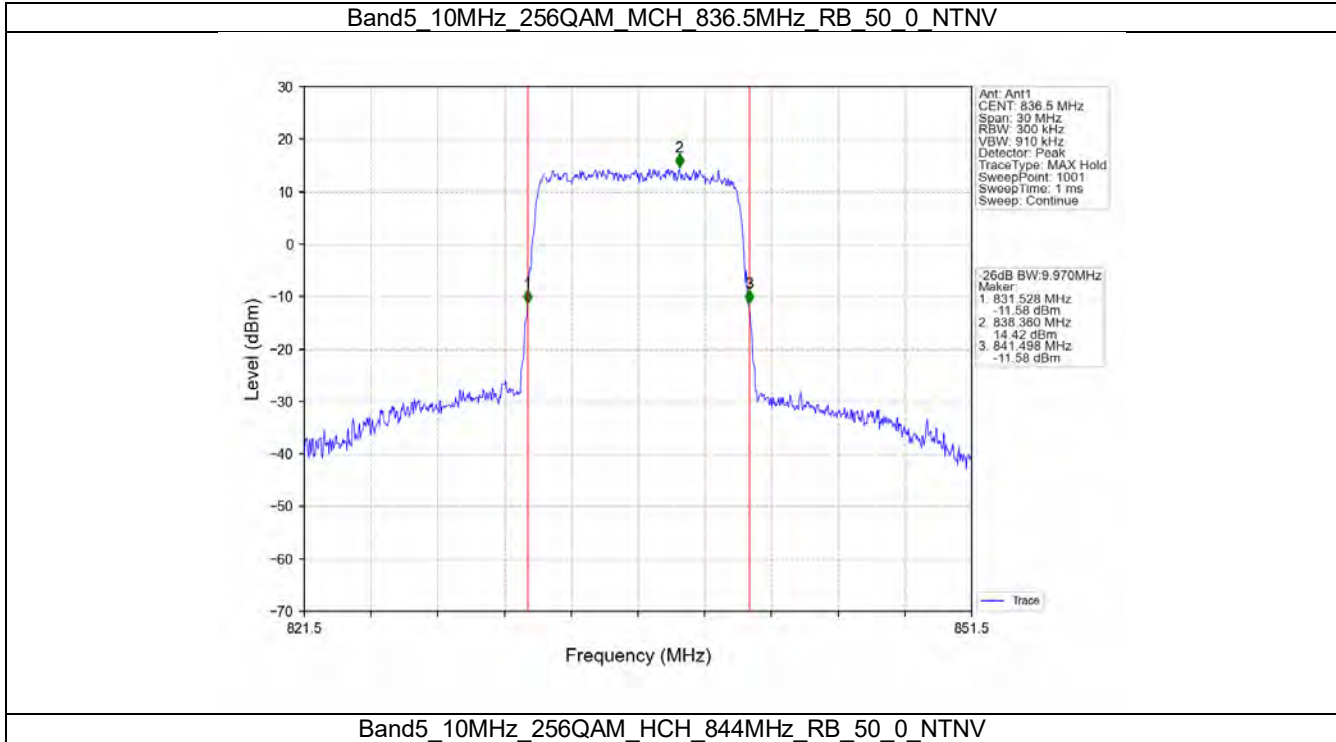


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Report No.: SZCR240100038408

Rev.: 01

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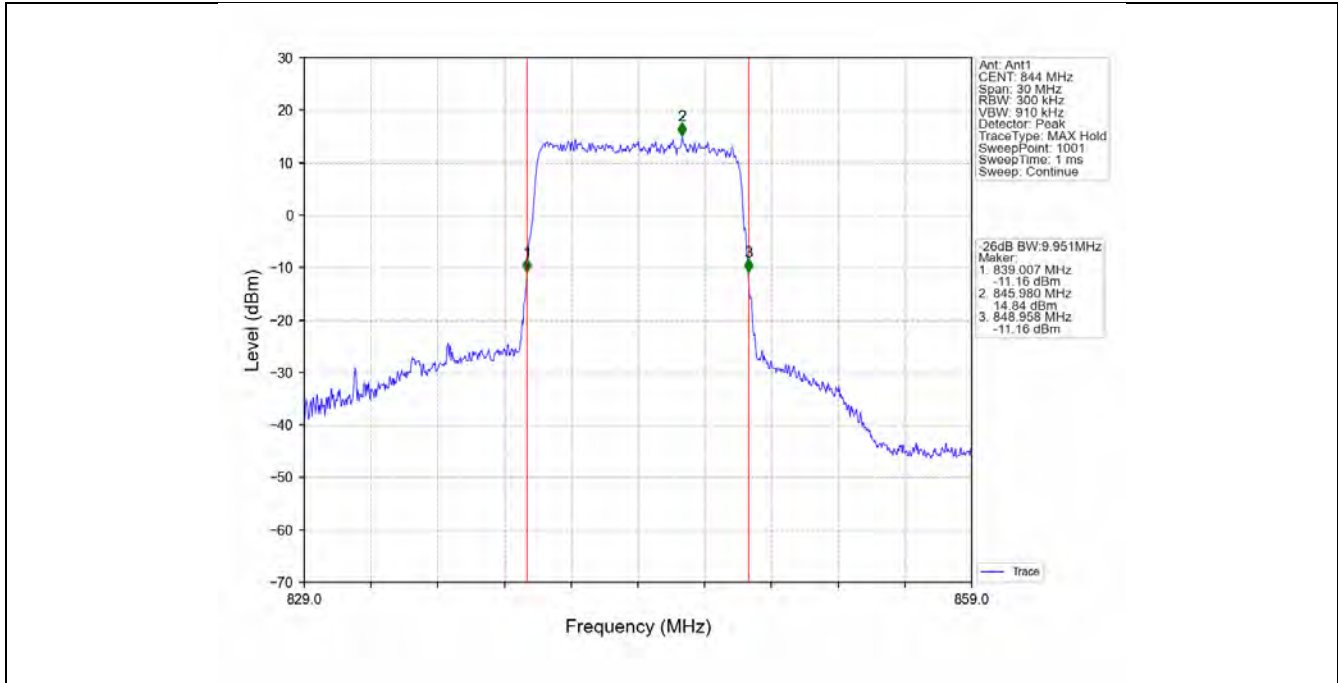


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Report No.: SZCR240100038408

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Page: 121 of 290



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Report No.: SZCR240100038408

Rev.: 01

Page: 122 of 290

## 4. Peak-Average Ratio

### 4.1 B5\_1.4MHz

#### 4.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.81	<=13	Pass
	836.5	6	0	4.83	<=13	Pass
	848.3	6	0	4.50	<=13	Pass
16QAM	824.7	6	0	5.68	<=13	Pass
	836.5	6	0	5.73	<=13	Pass
	848.3	6	0	5.43	<=13	Pass
64QAM	824.7	6	0	6.46	<=13	Pass
	836.5	6	0	6.46	<=13	Pass
	848.3	6	0	6.43	<=13	Pass
256QAM	824.7	6	0	6.73	<=13	Pass
	836.5	6	0	6.53	<=13	Pass
	848.3	6	0	6.61	<=13	Pass



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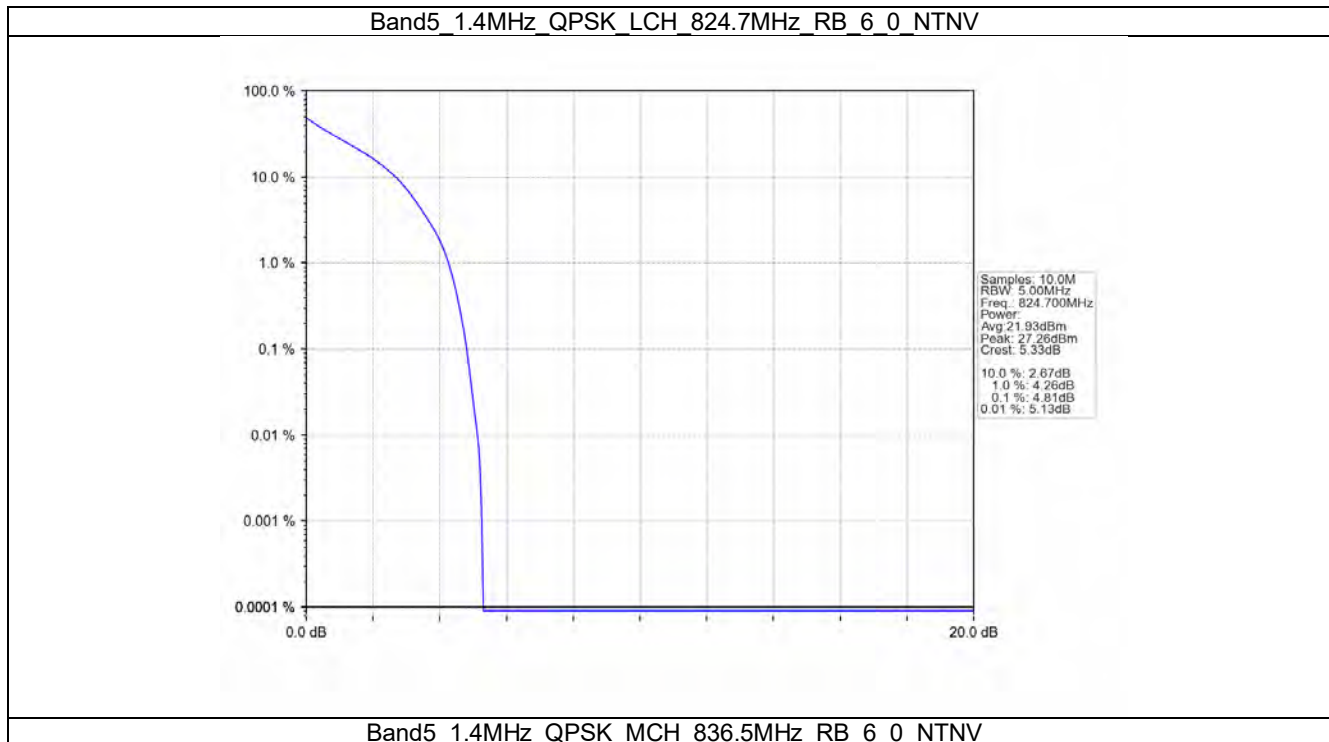
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Report No.: SZCR240100038408  
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Page: 123 of 290

4.1.2 Test Graph



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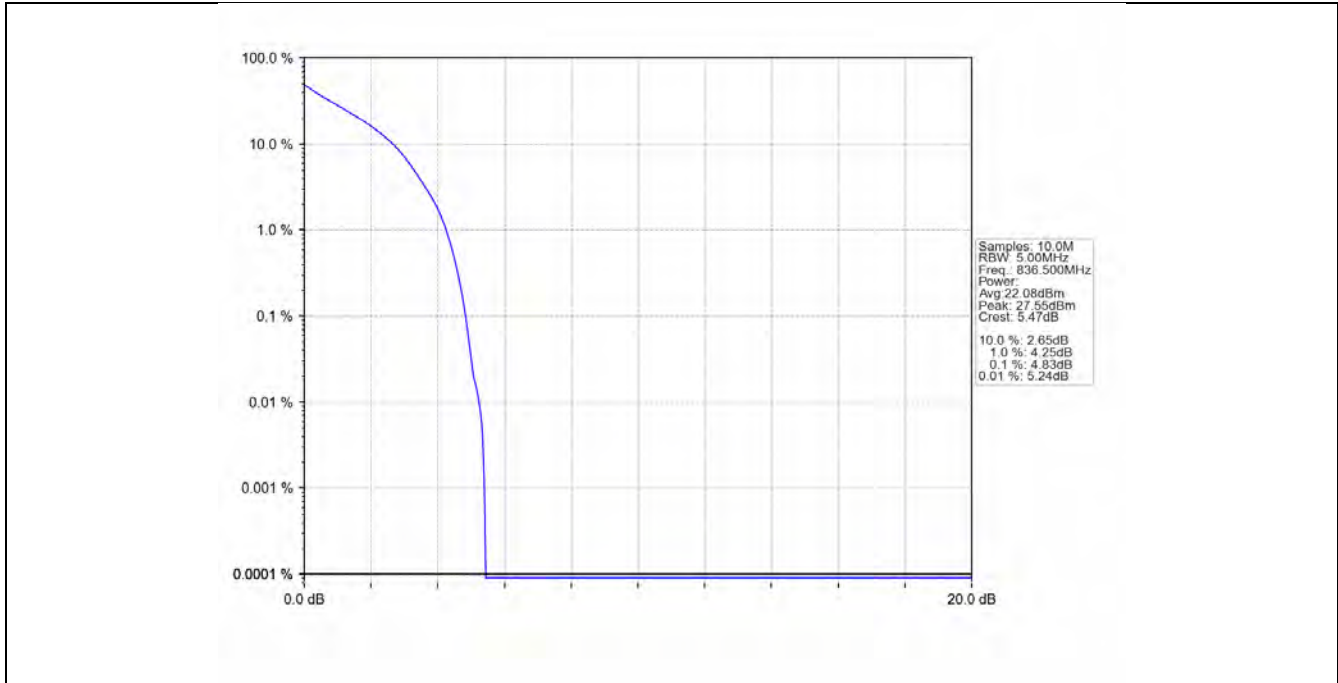


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Report No.: SZCR240100038408

Rev.: 01

Page: 124 of 290



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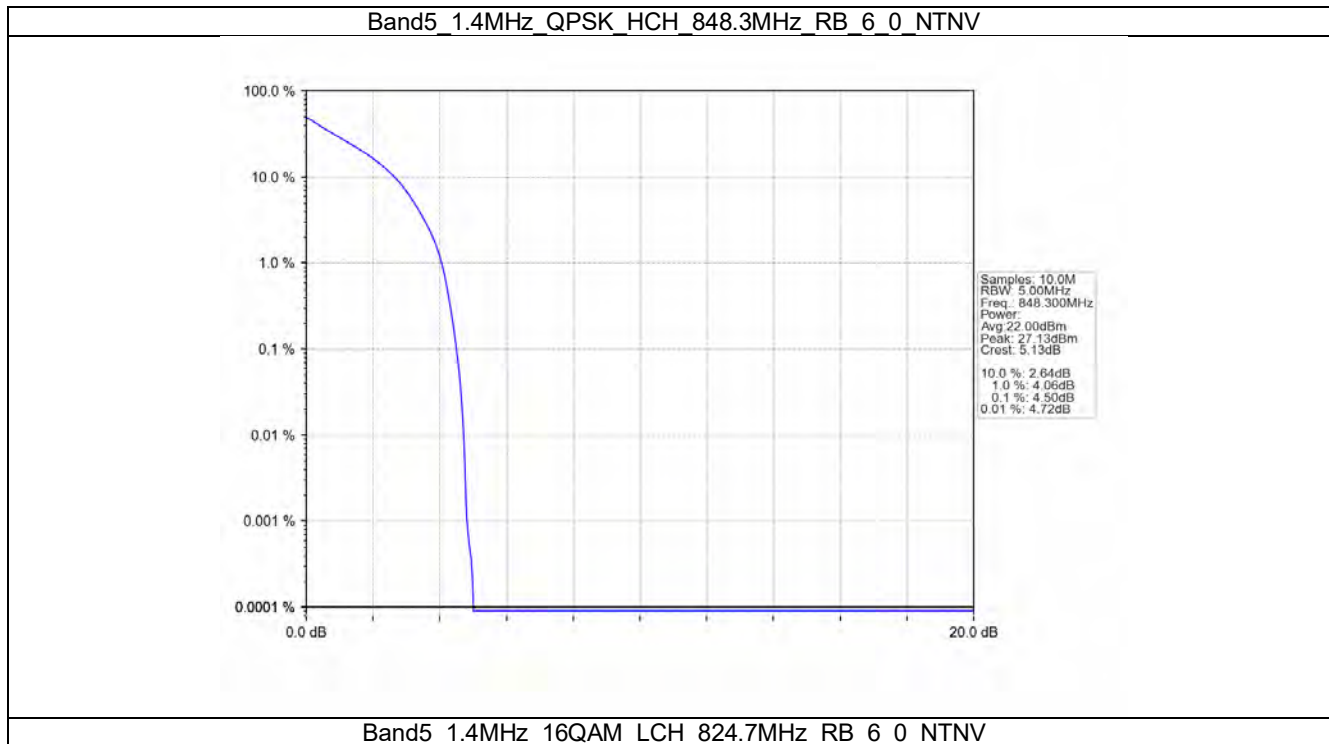
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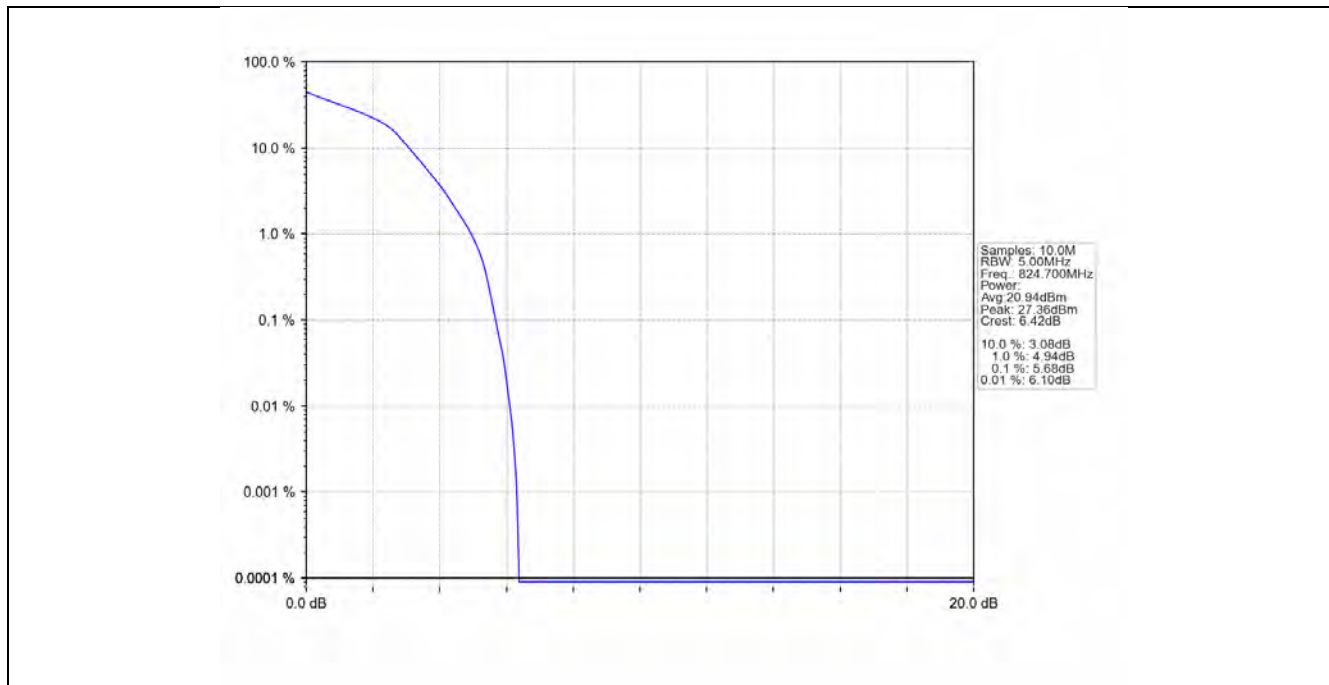
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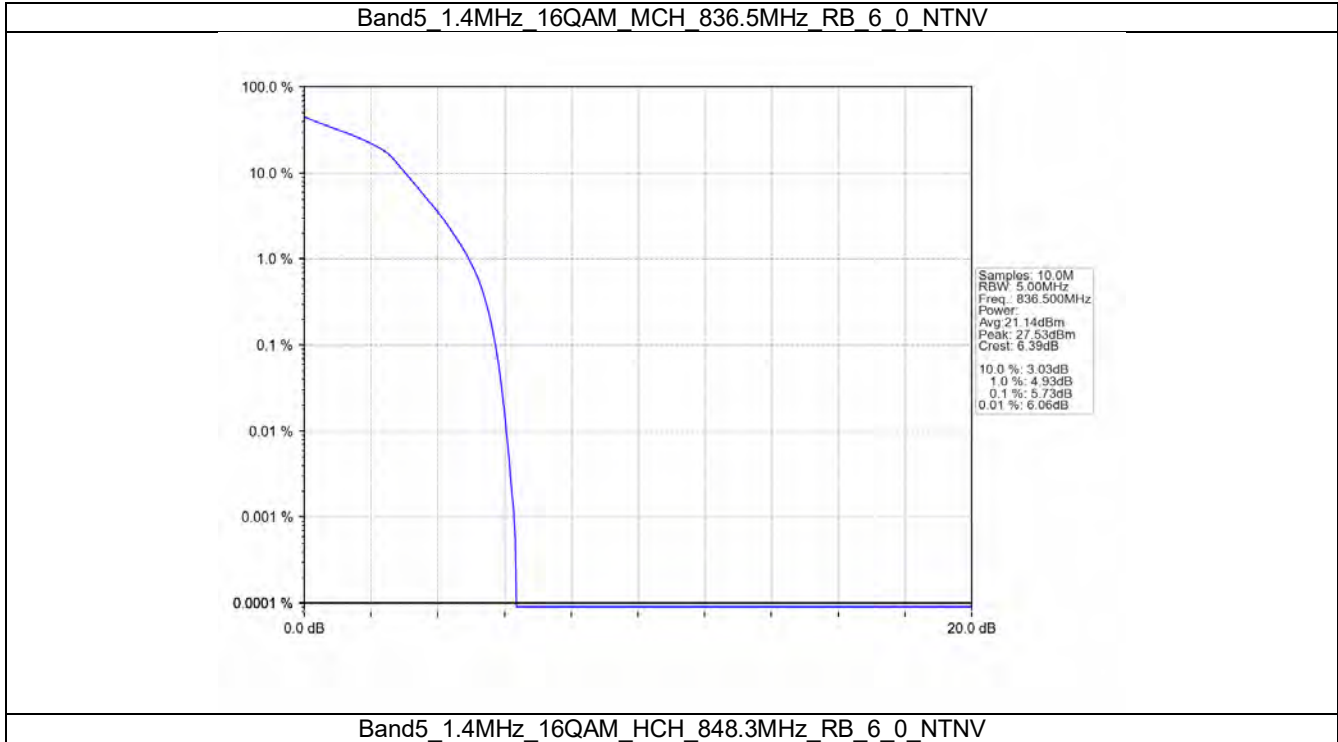


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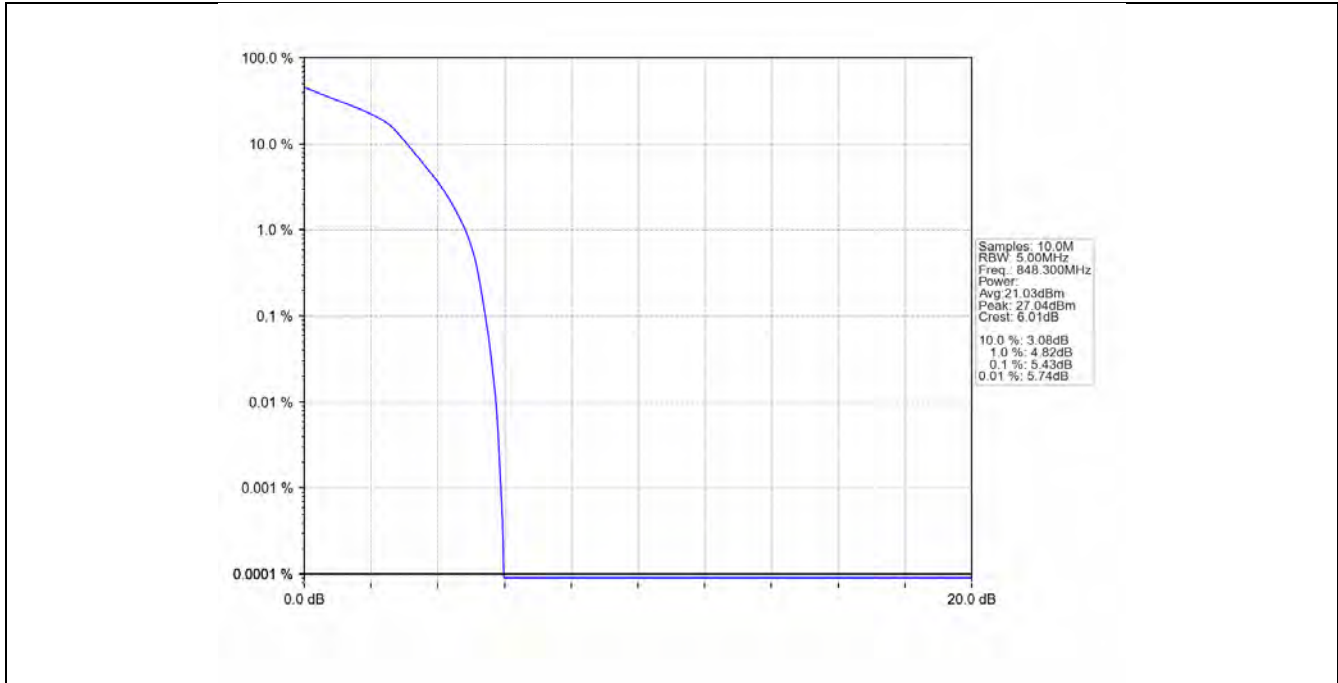


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Rev.: 01

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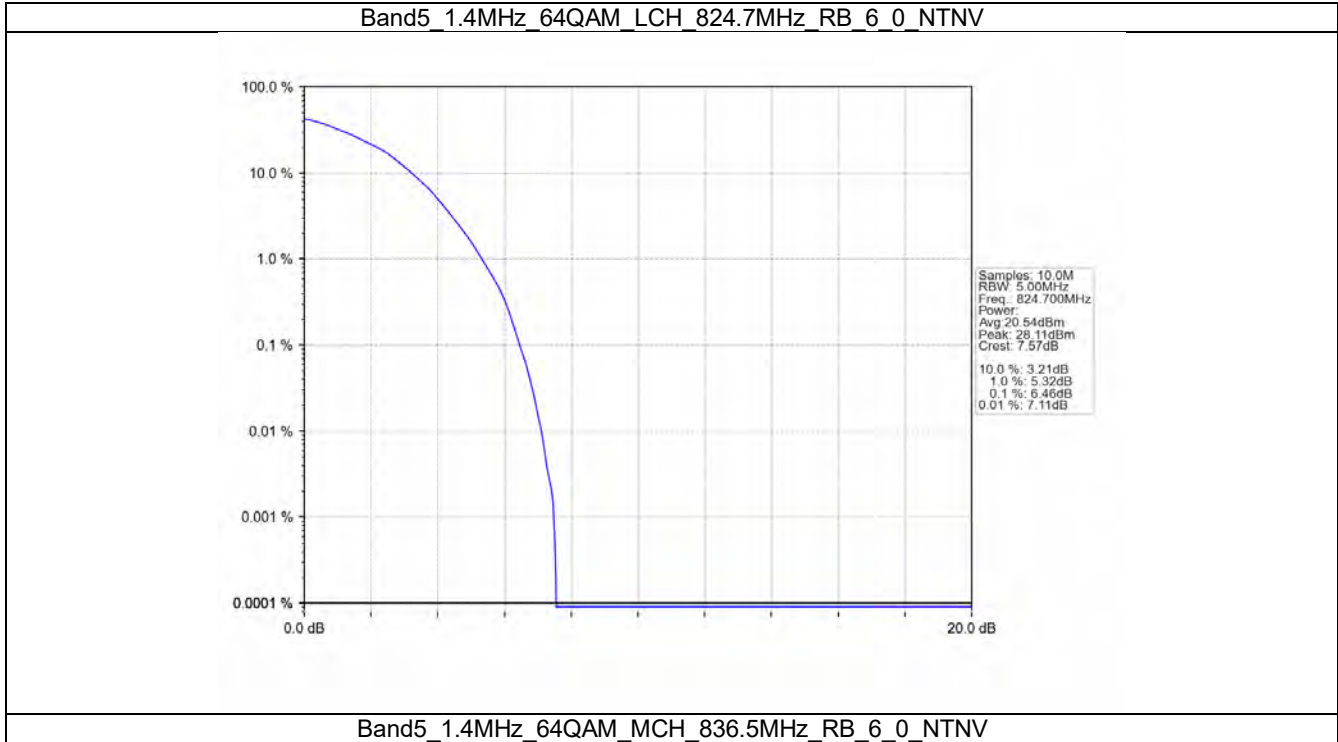


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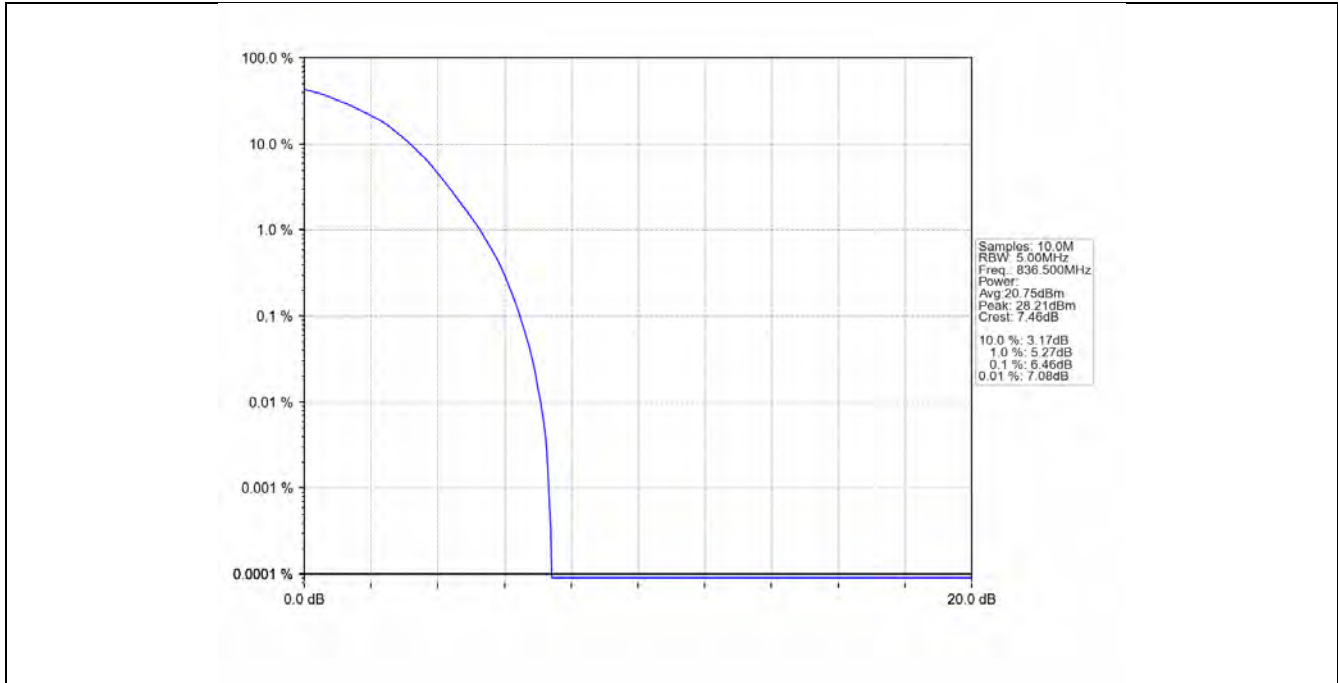


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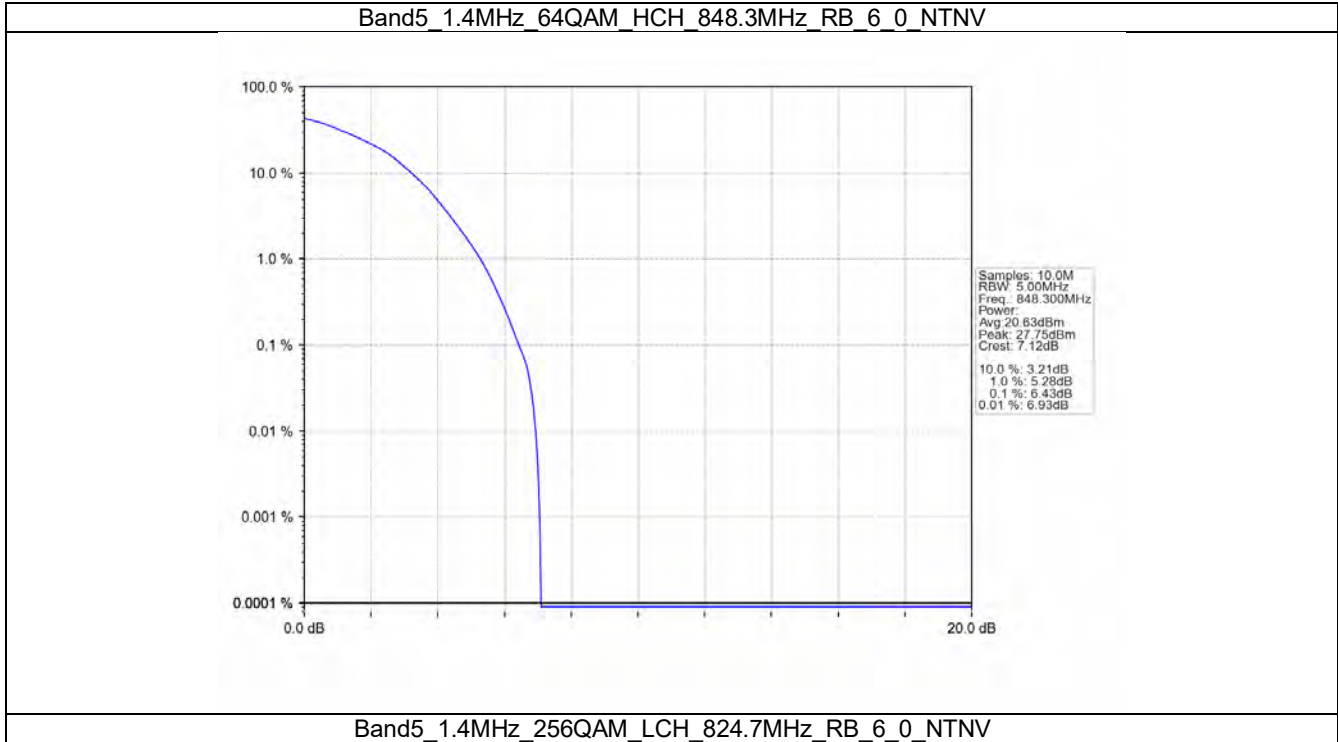


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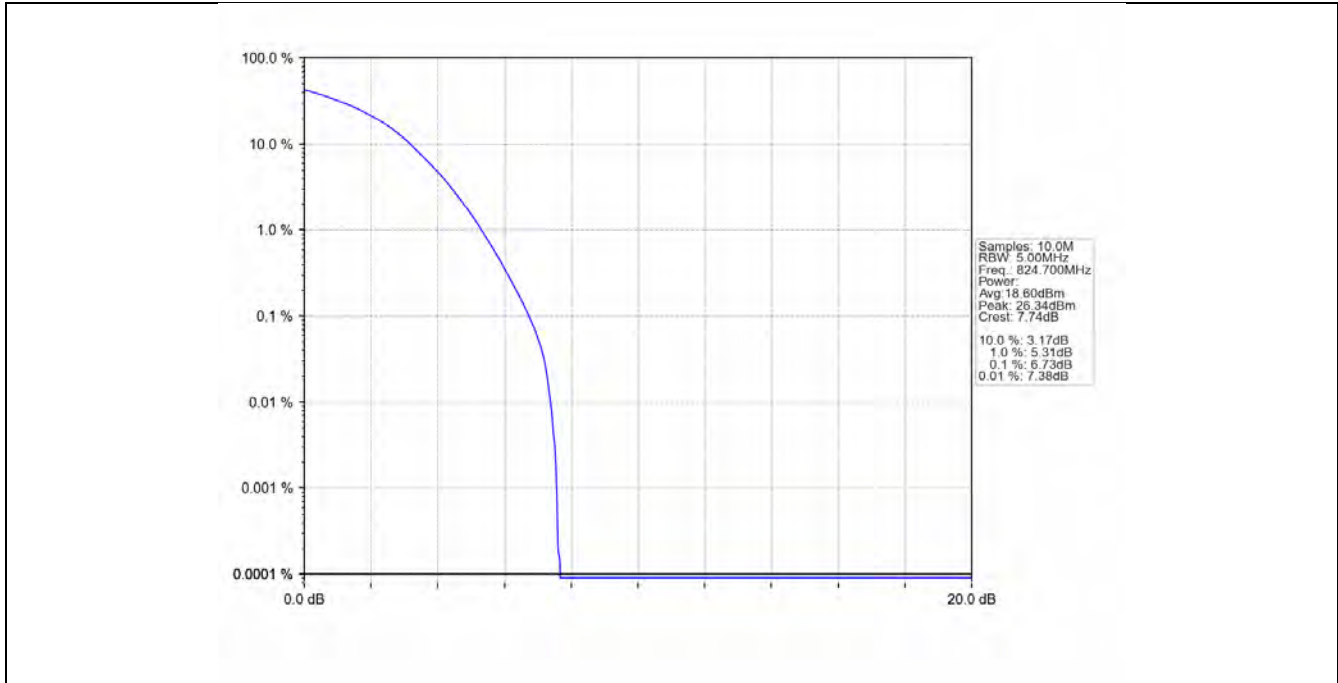


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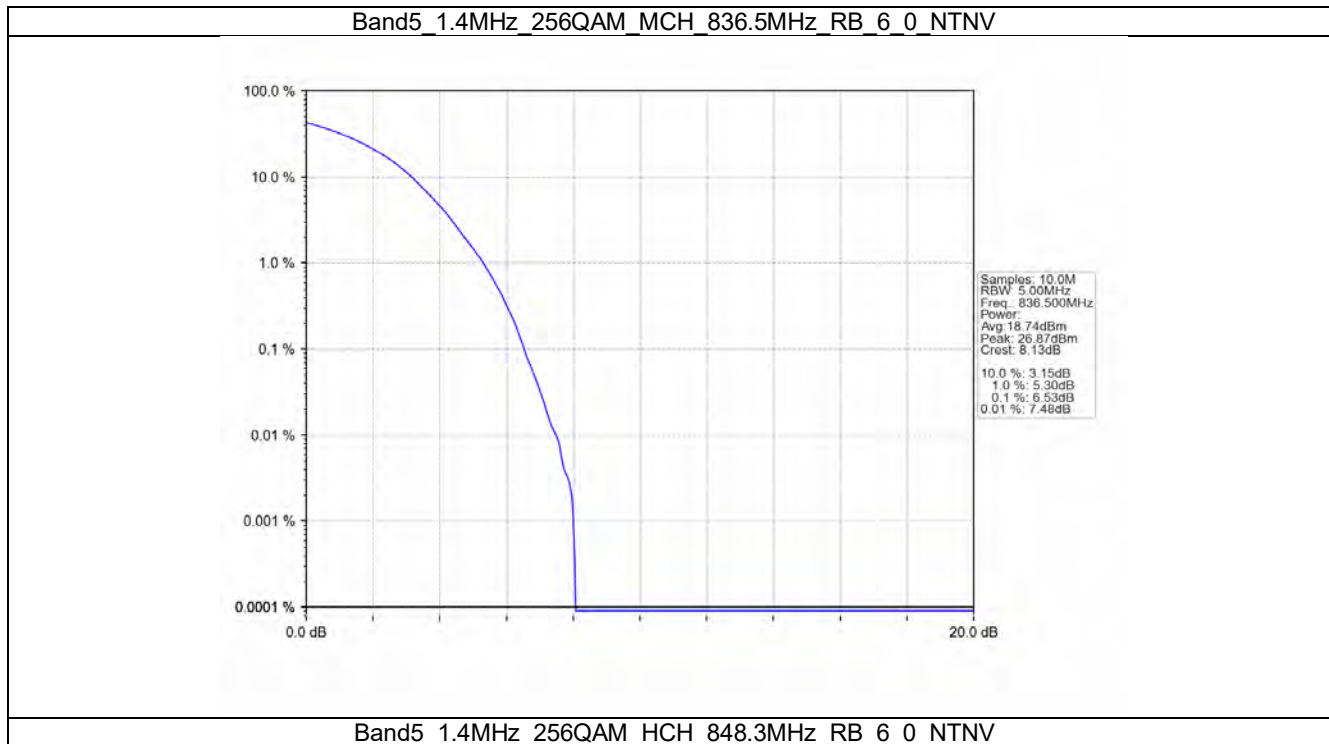
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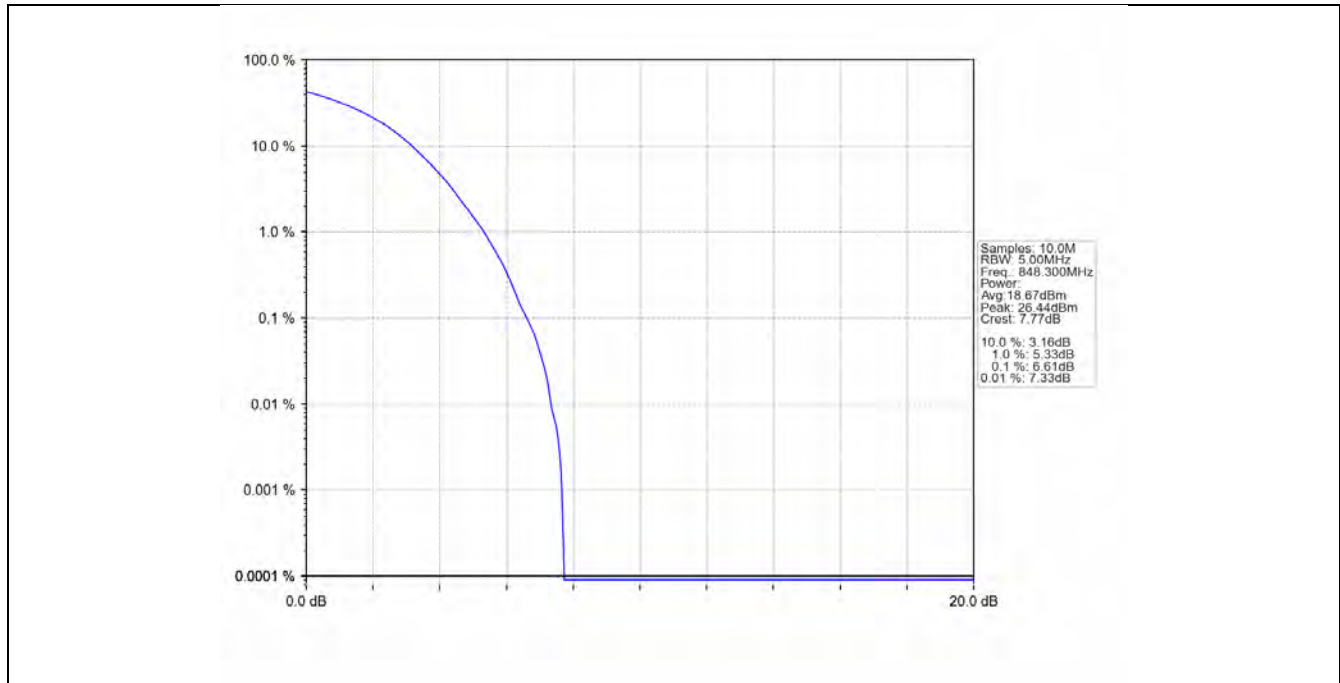


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Report No.: SZCR240100038408

Rev.: 01

Page: 135 of 290

## 4.2 B5\_3MHz

### 4.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.90	<=13	Pass
	836.5	15	0	4.85	<=13	Pass
	847.5	15	0	4.70	<=13	Pass
16QAM	825.5	15	0	5.75	<=13	Pass
	836.5	15	0	5.73	<=13	Pass
	847.5	15	0	5.55	<=13	Pass
64QAM	825.5	15	0	6.57	<=13	Pass
	836.5	15	0	6.40	<=13	Pass
	847.5	15	0	6.43	<=13	Pass
256QAM	825.5	15	0	6.76	<=13	Pass
	836.5	15	0	6.58	<=13	Pass
	847.5	15	0	6.65	<=13	Pass



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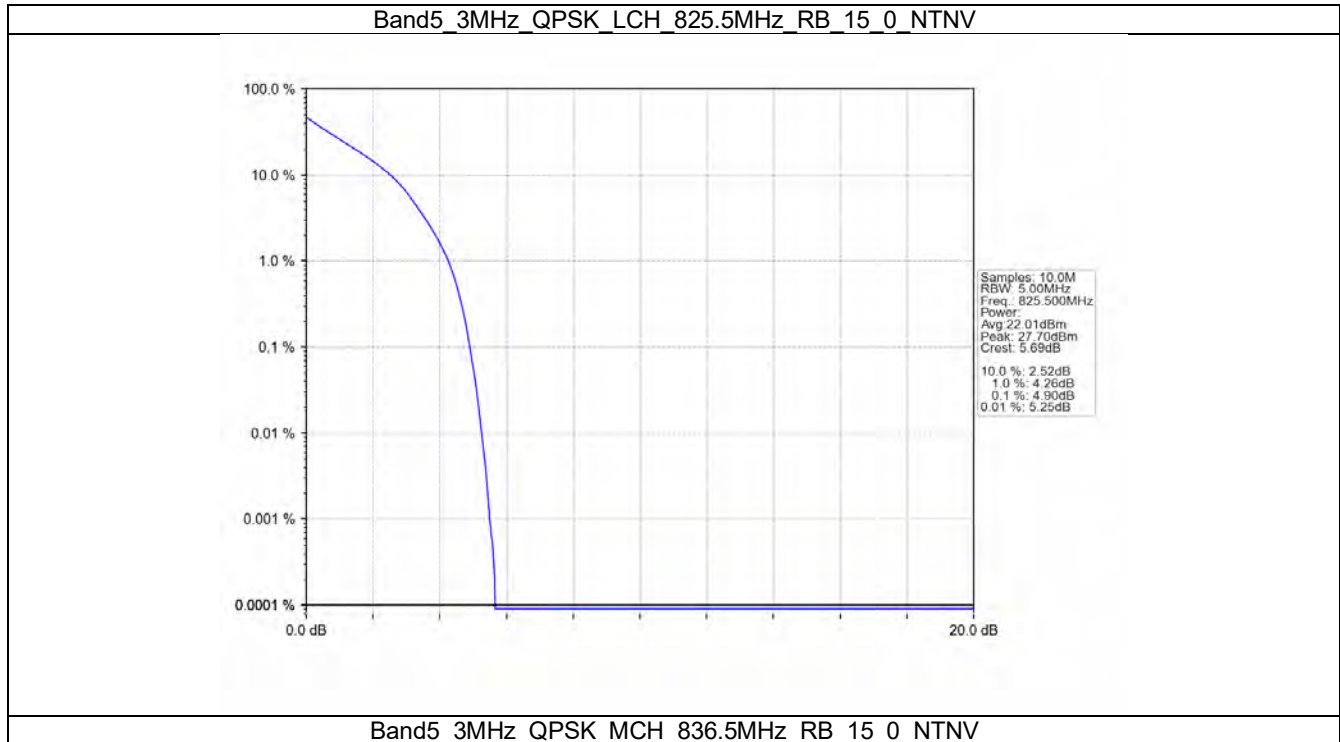


Report No.: SZCR240100038408

Rev.: 01

Page: 136 of 290

4.2.2 Test Graph



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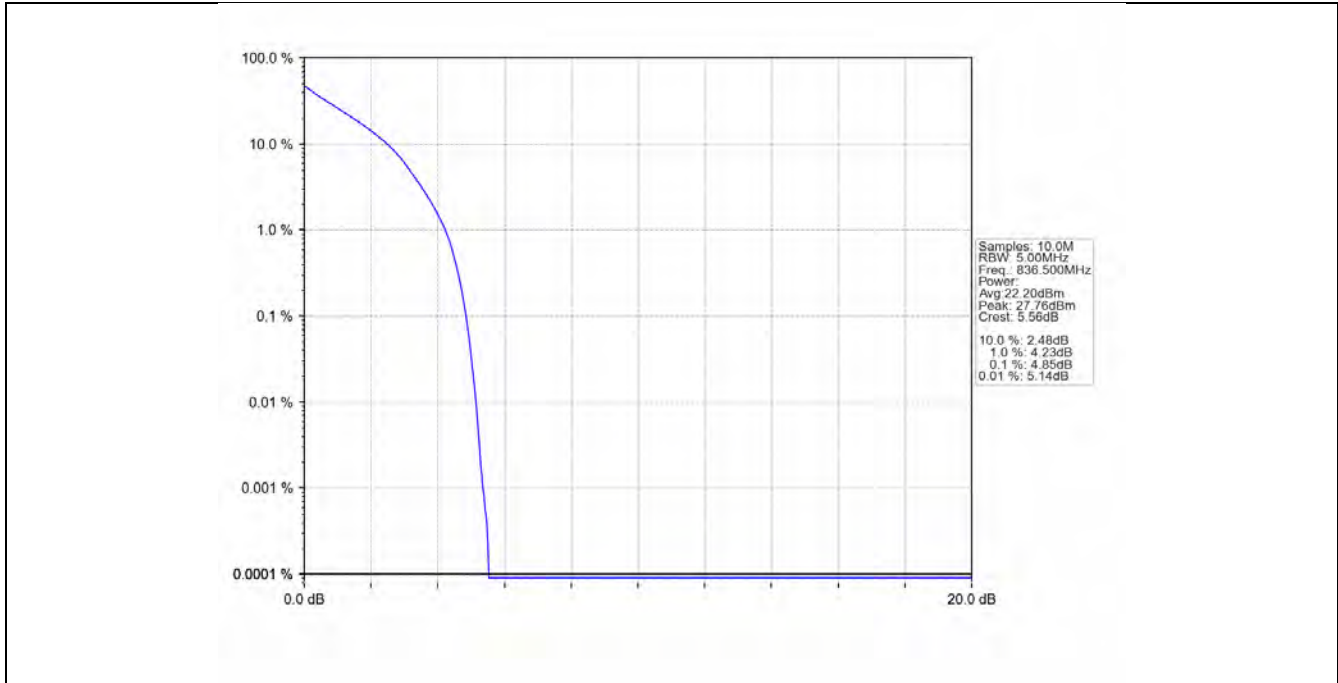


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Report No.: SZCR240100038408

Rev.: 01

Page: 137 of 290



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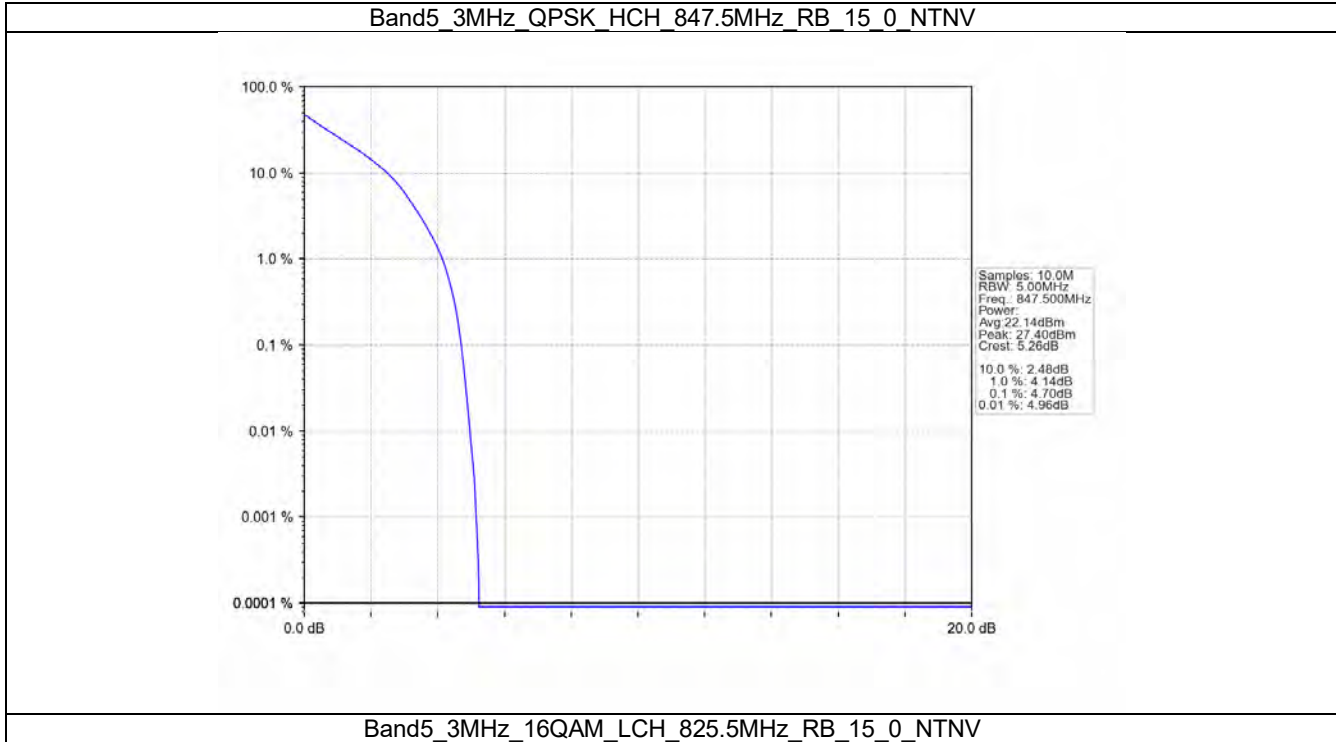


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Report No.: SZCR240100038408

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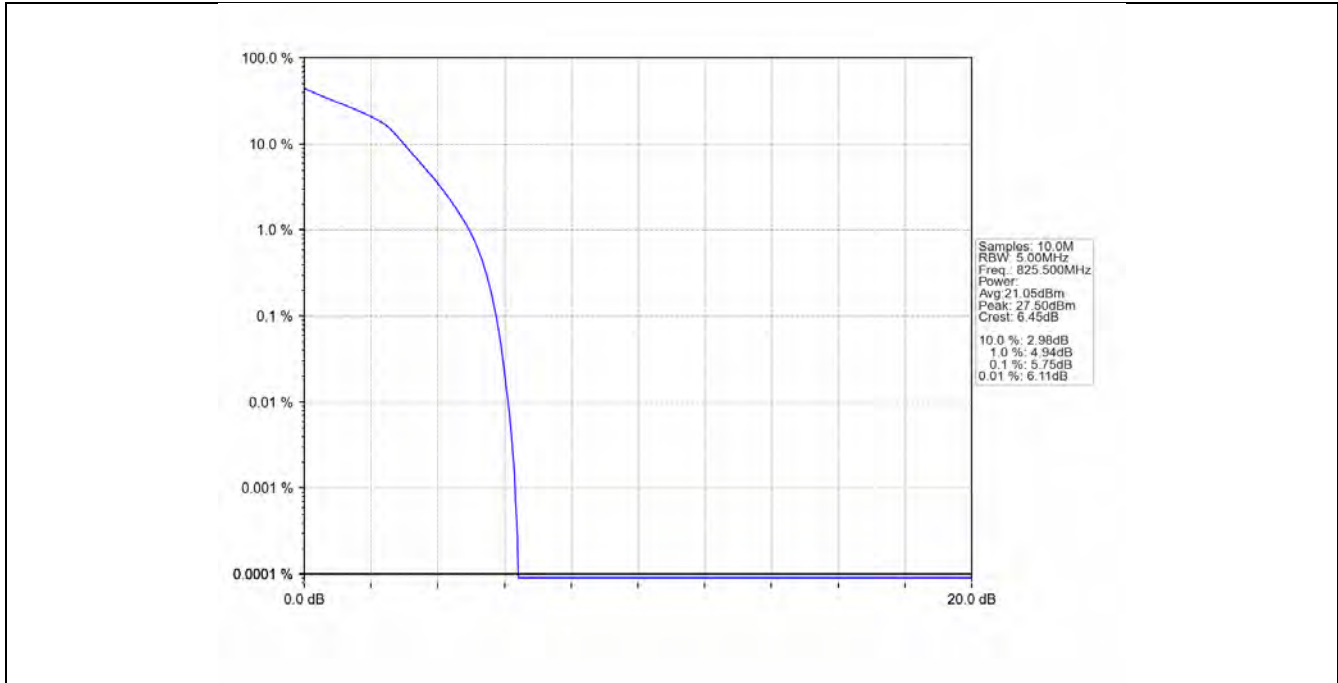


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Report No.: SZCR240100038408

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Page: 140 of 290



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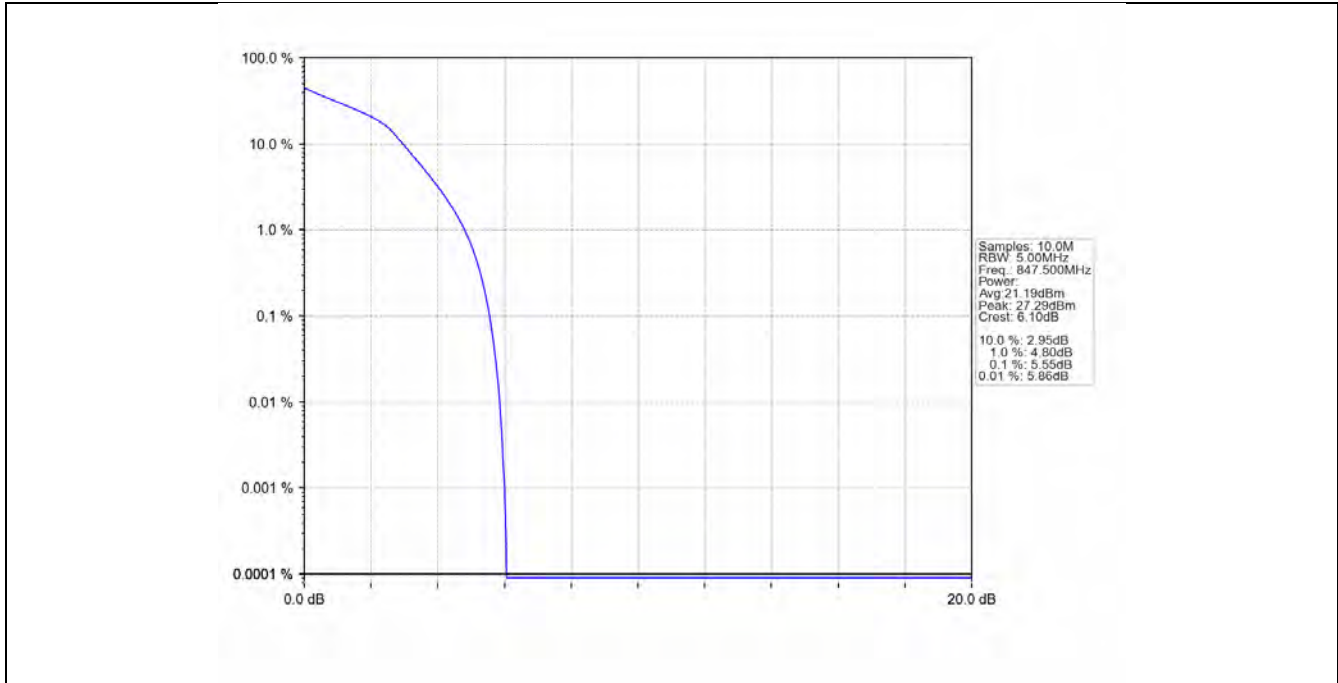


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Report No.: SZCR240100038408

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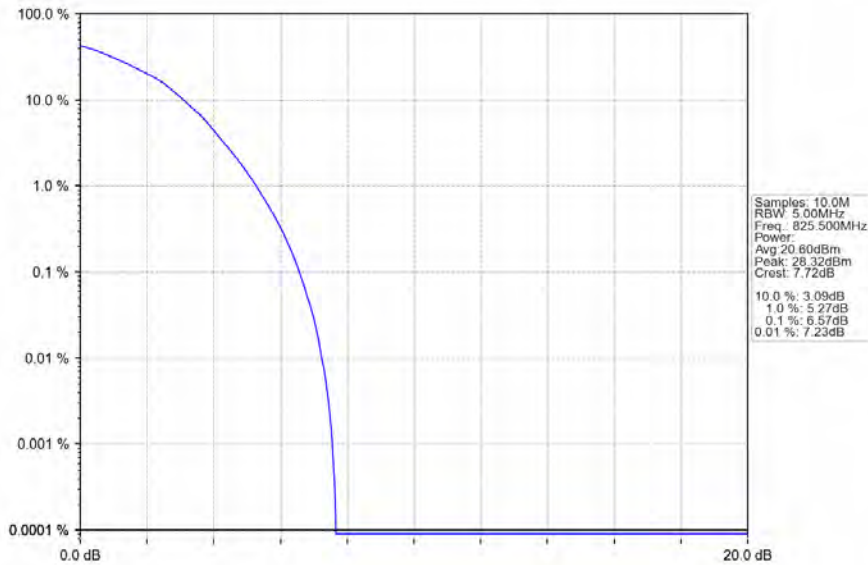
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Report No.: SZCR240100038408

Rev.: 01

Page: 142 of 290

Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTV



Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTV



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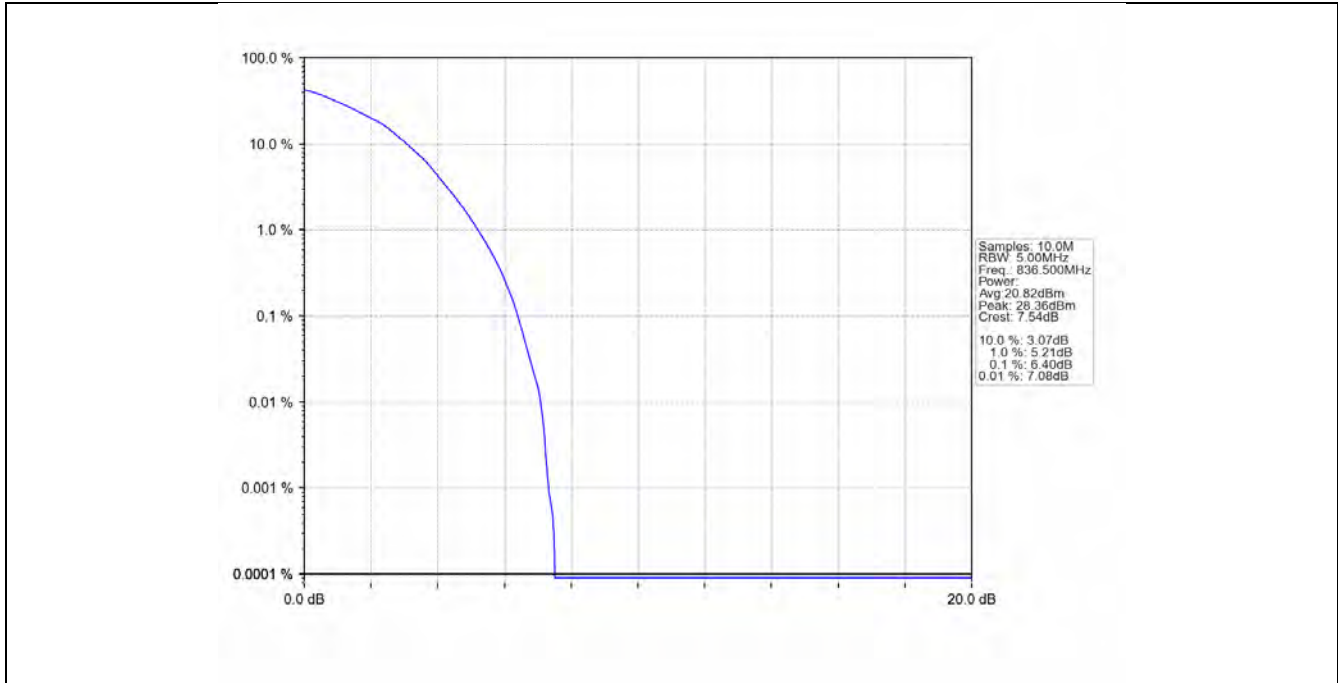


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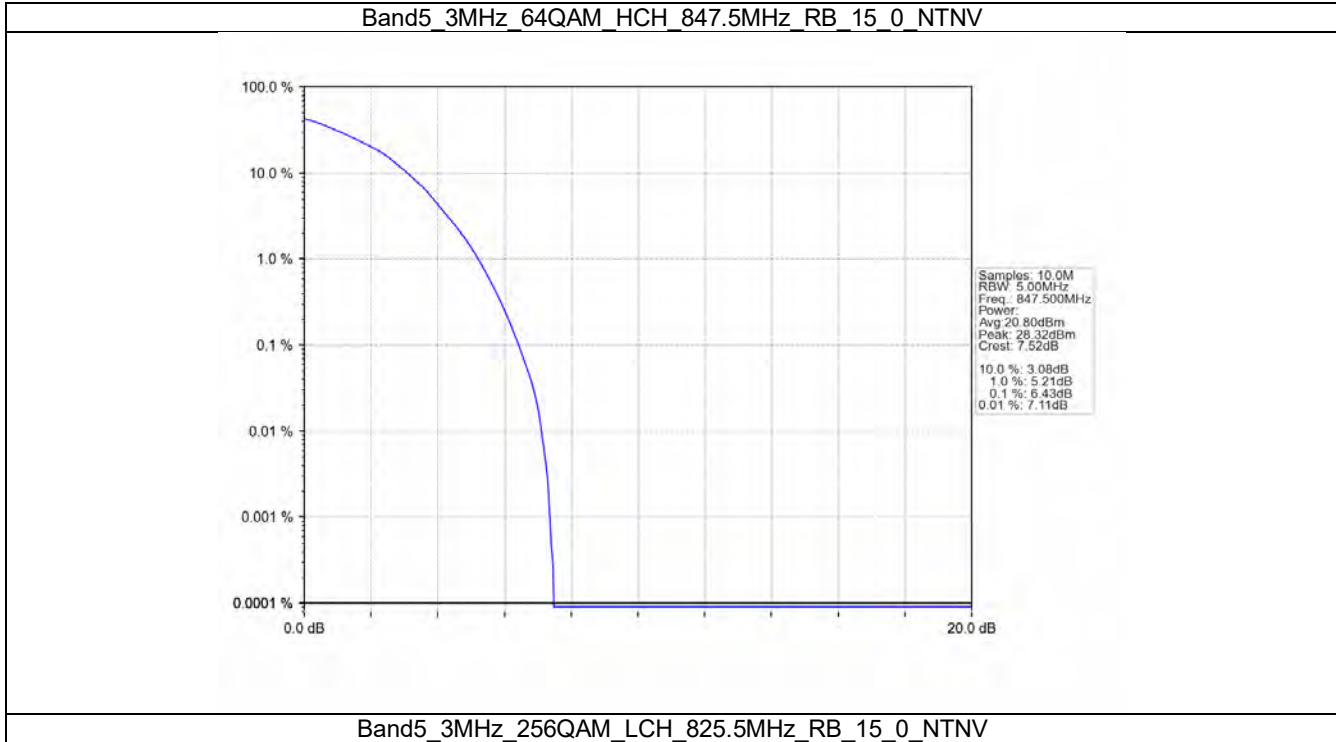


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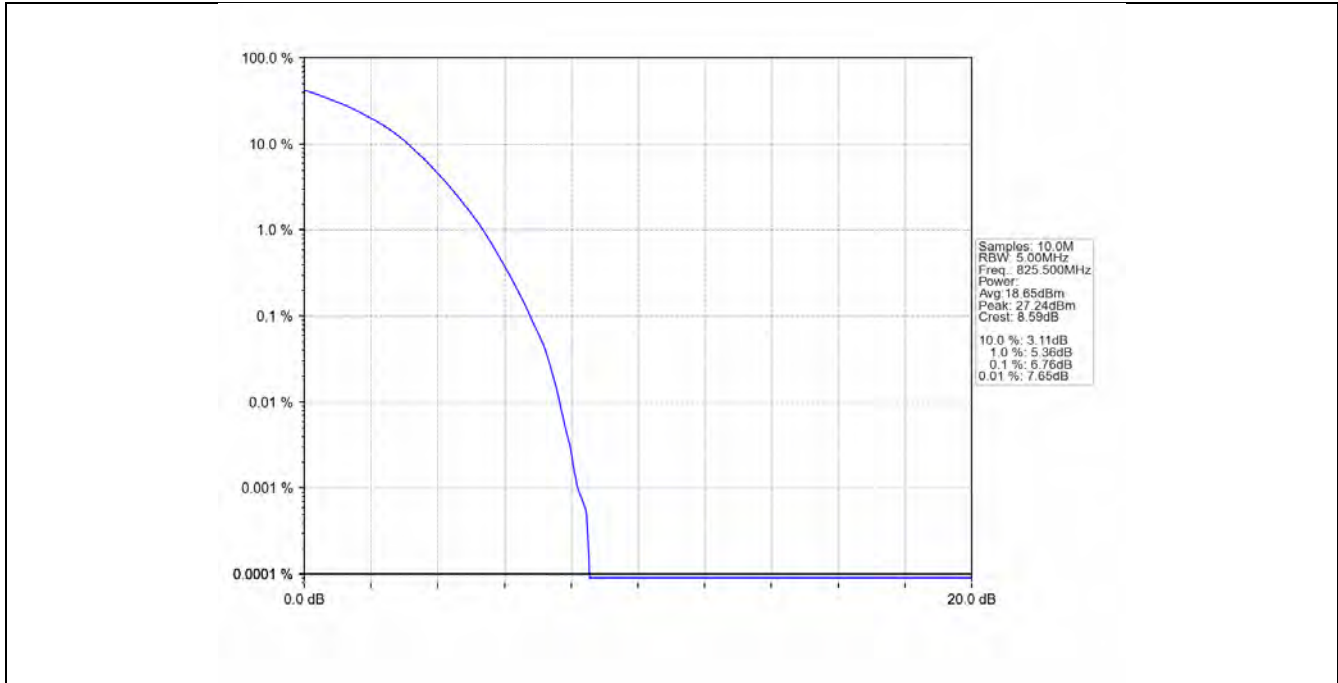


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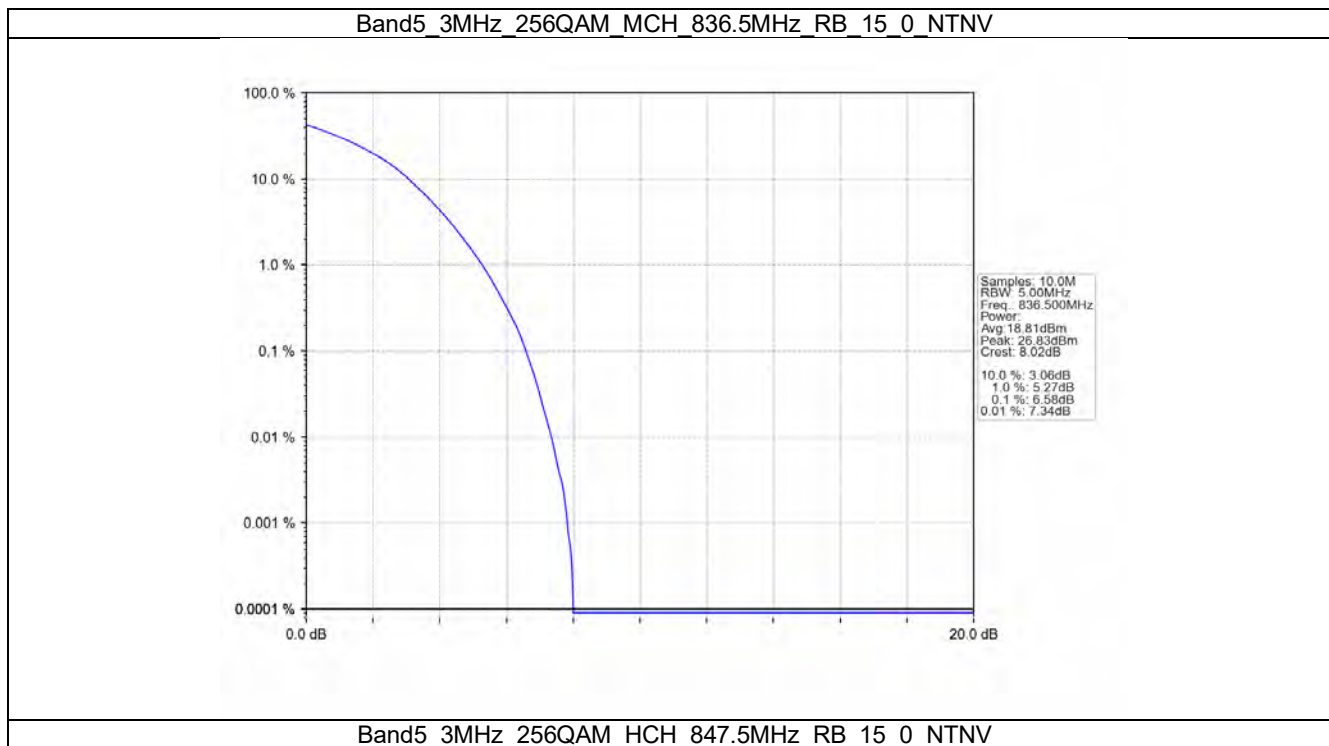
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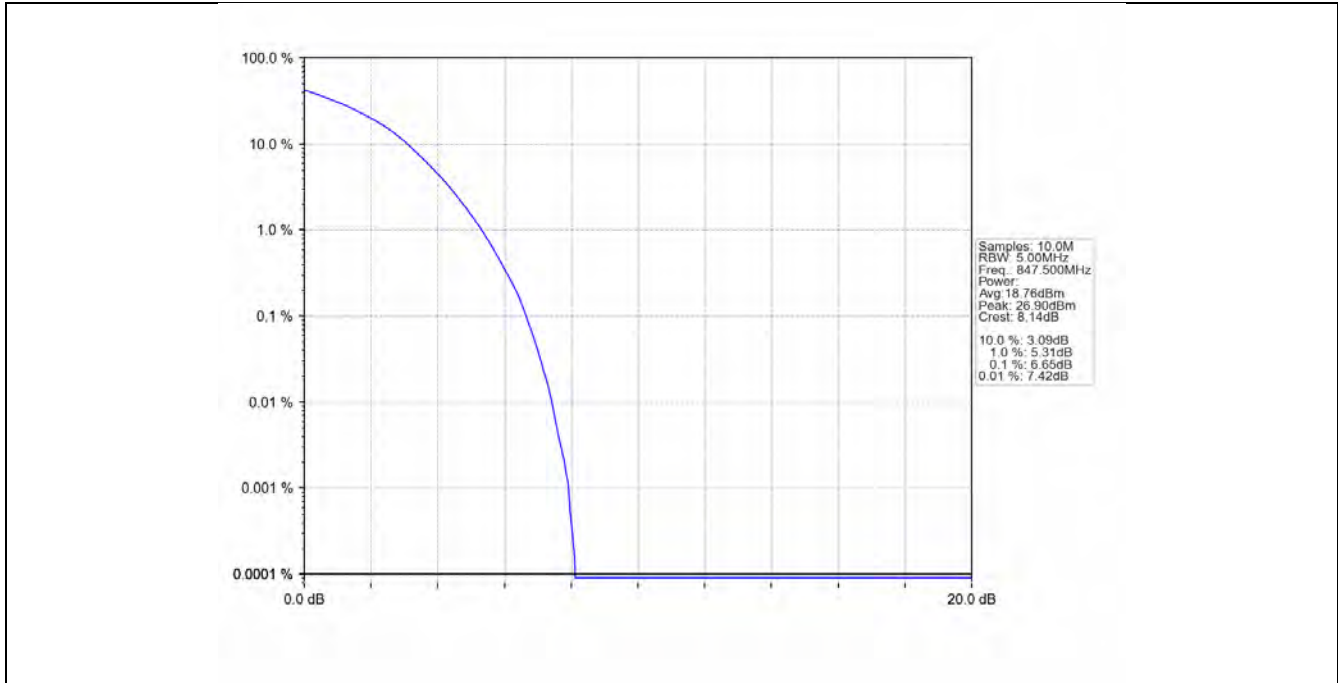


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Report No.: SZCR240100038408  
Rev.: 01  
Page: 148 of 290

## 4.3 B5\_5MHz

### 4.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.12	<=13	Pass
	836.5	25	0	5.04	<=13	Pass
	846.5	25	0	5.02	<=13	Pass
16QAM	826.5	25	0	5.89	<=13	Pass
	836.5	25	0	5.83	<=13	Pass
	846.5	25	0	5.79	<=13	Pass
64QAM	826.5	25	0	6.61	<=13	Pass
	836.5	25	0	6.57	<=13	Pass
	846.5	25	0	6.57	<=13	Pass
256QAM	826.5	25	0	6.83	<=13	Pass
	836.5	25	0	6.68	<=13	Pass
	846.5	25	0	6.81	<=13	Pass



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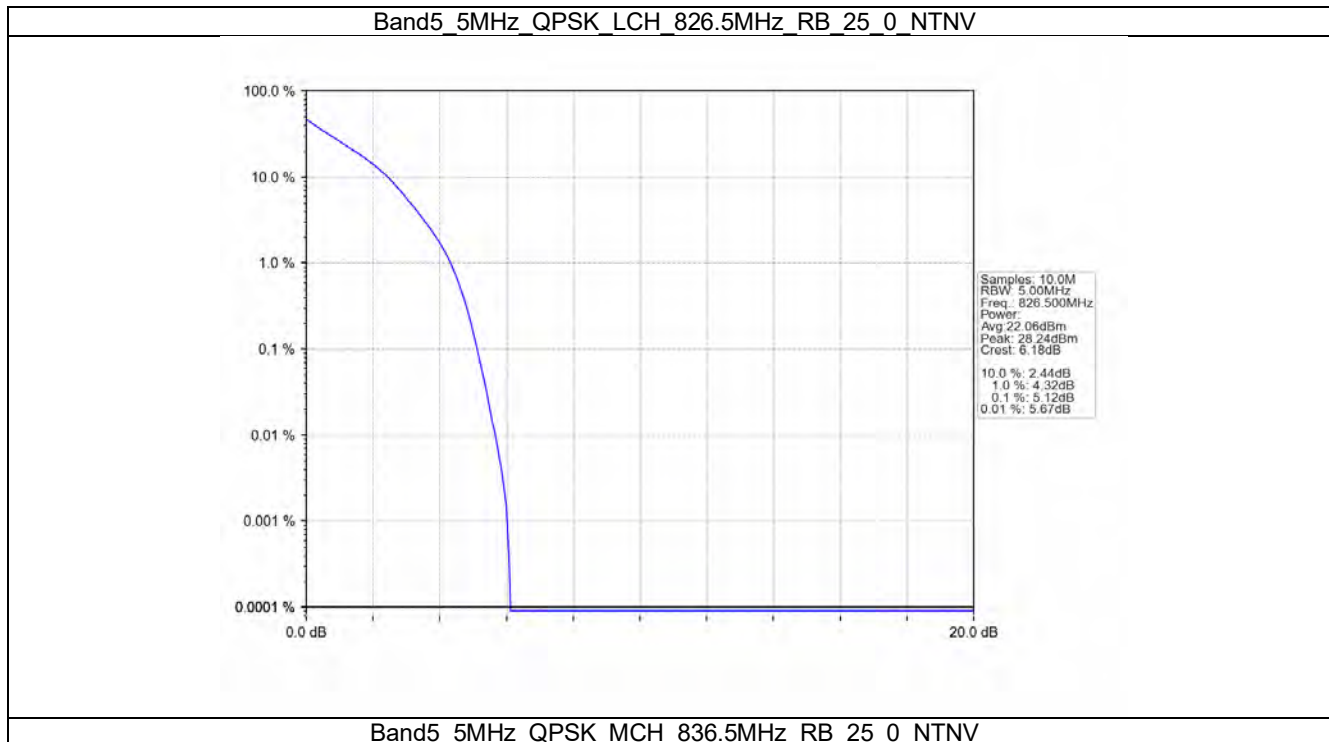
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Rev.: 01  
Page: 149 of 290

4.3.2 Test Graph



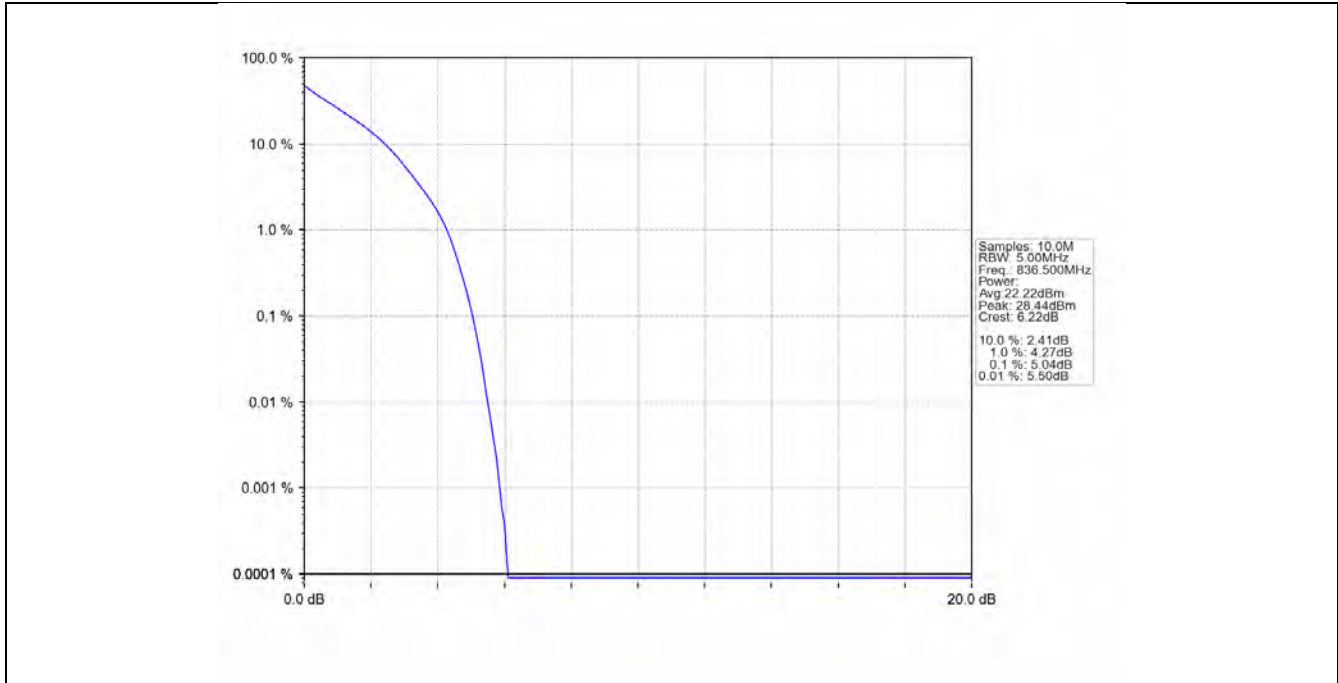
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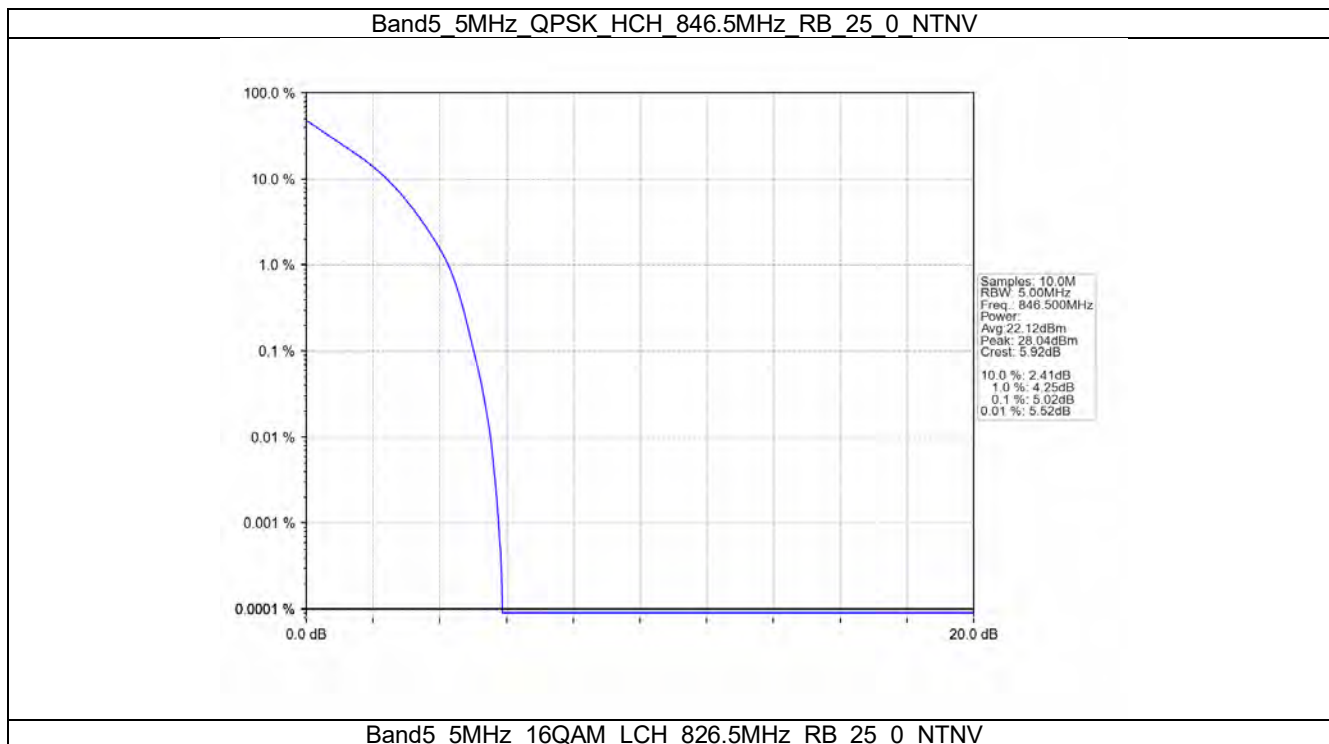
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 151 of 290



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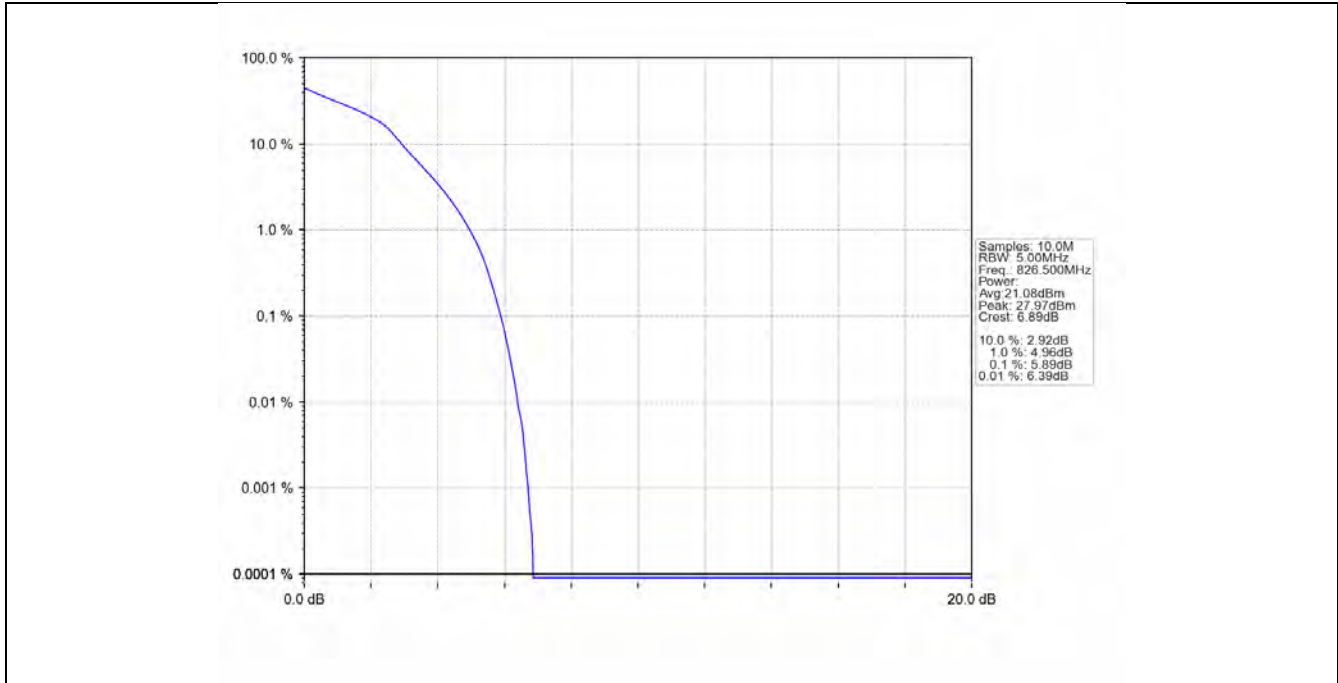
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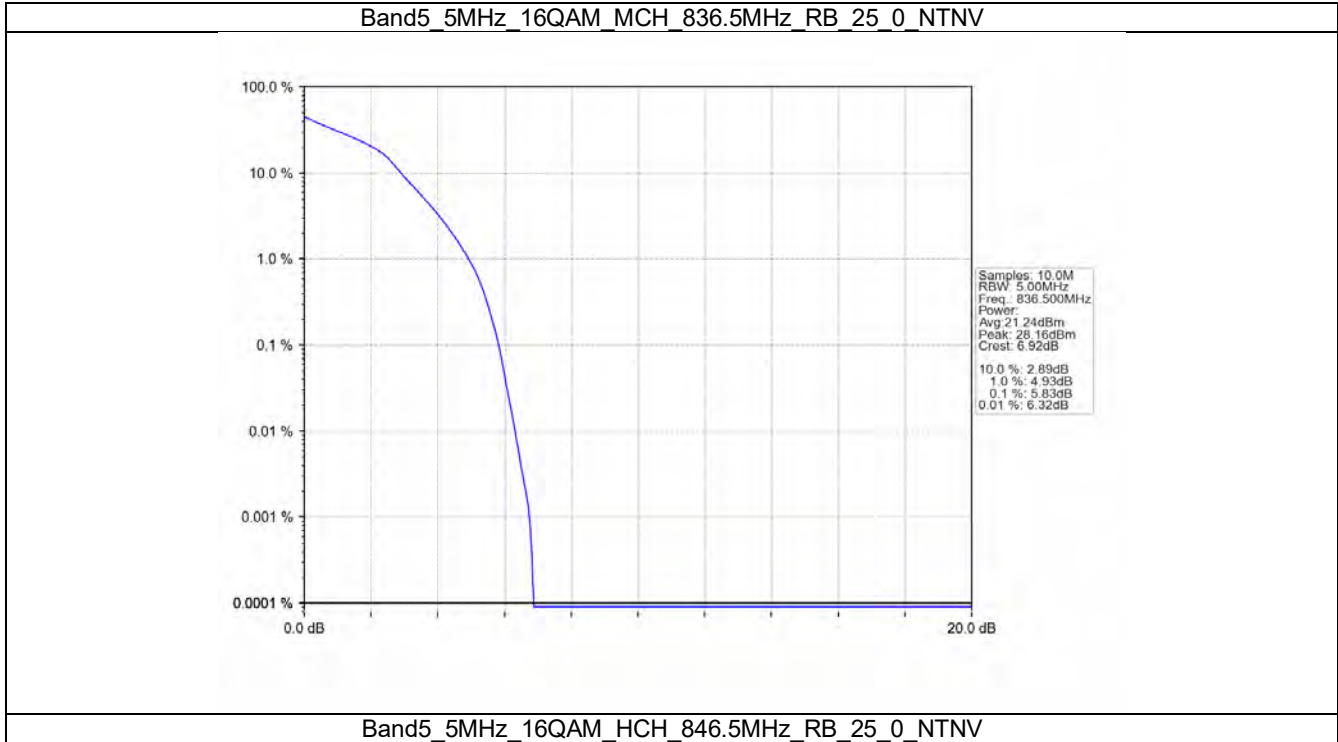


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Report No.: SZCR240100038408

Rev.: 01

Page: 153 of 290



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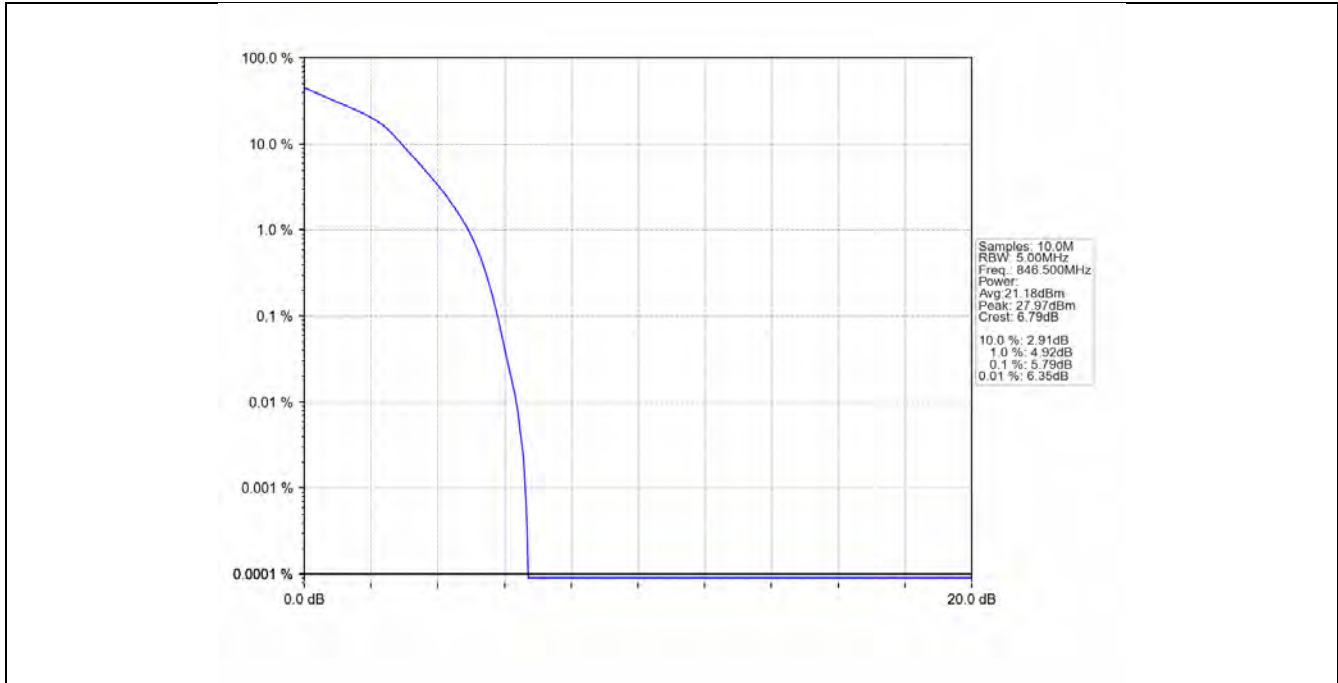


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Report No.: SZCR240100038408

Rev.: 01

Page: 154 of 290



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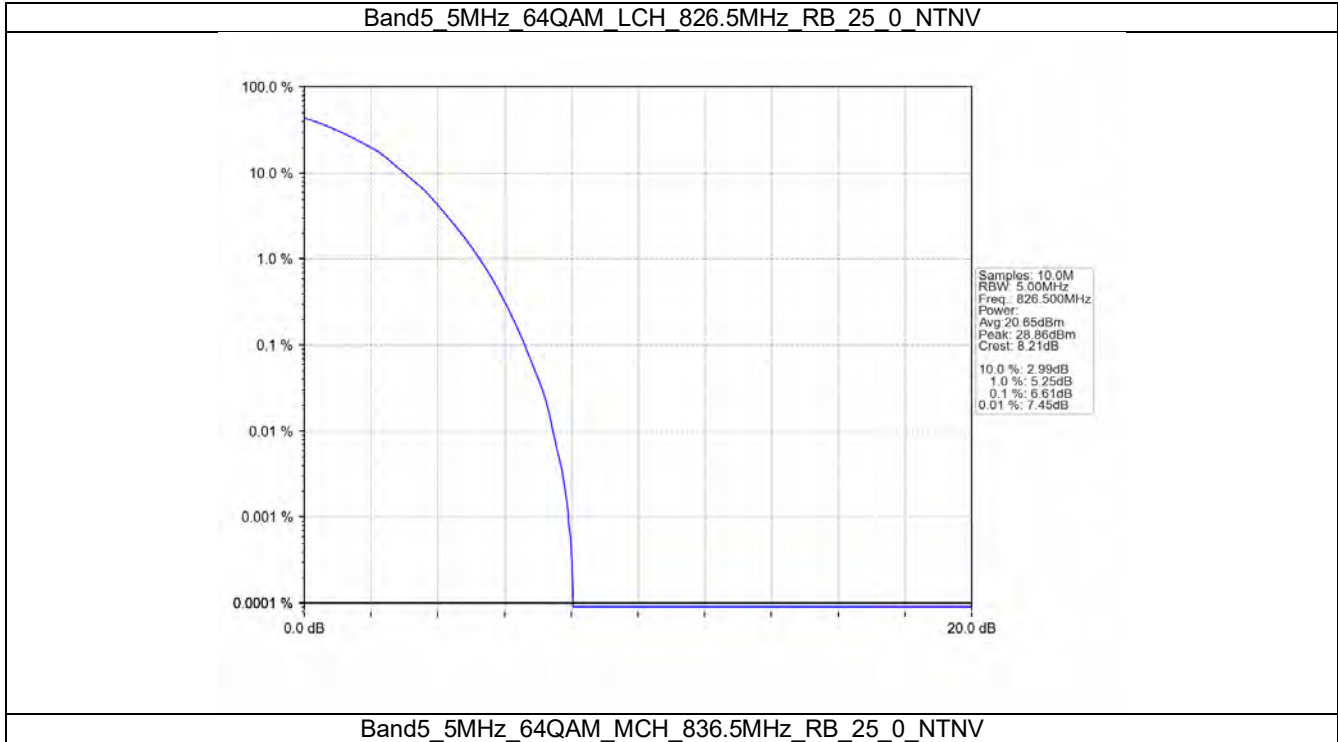


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Report No.: SZCR240100038408

Rev.: 01

Page: 155 of 290



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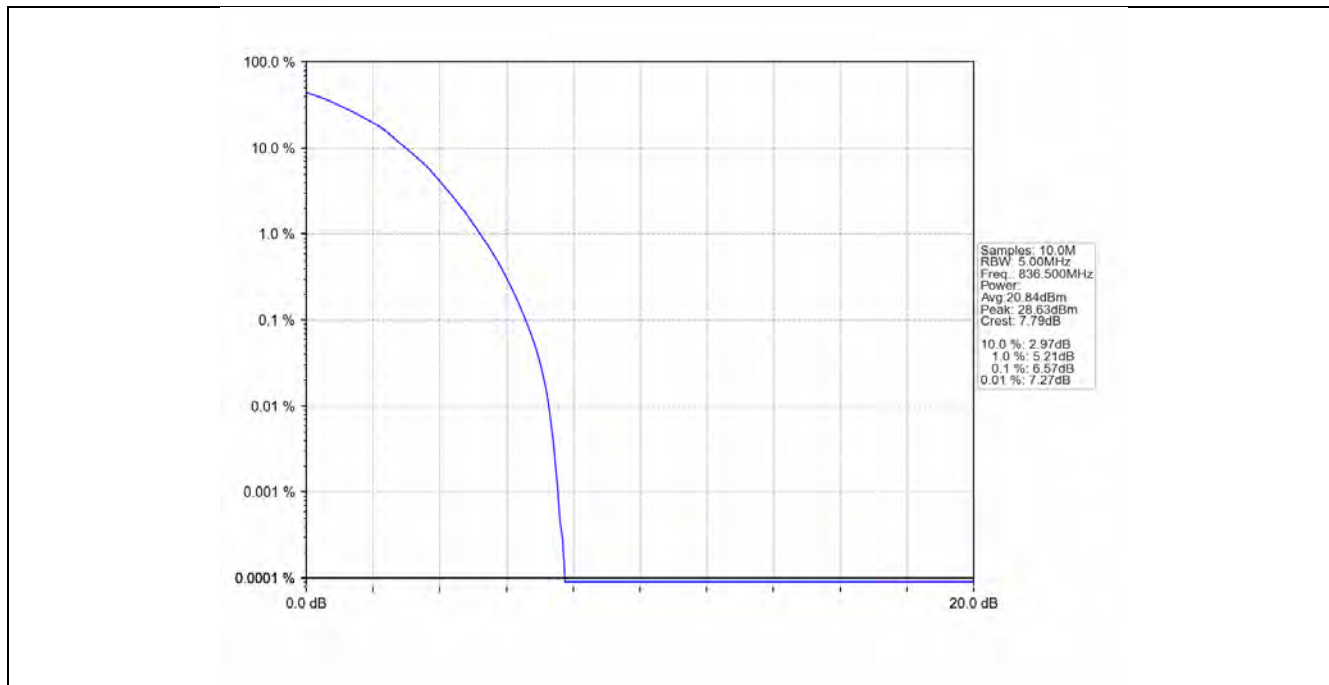
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 156 of 290



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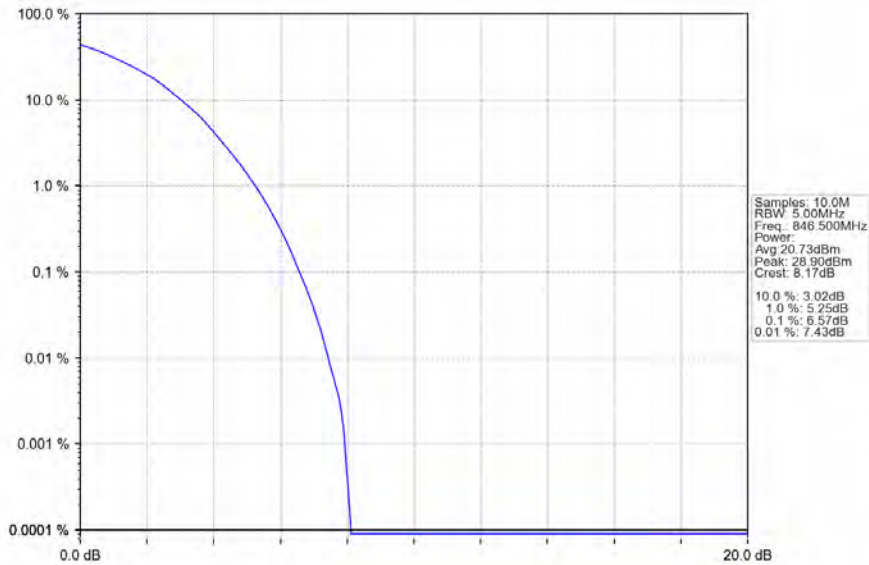
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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 157 of 290

Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_256QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



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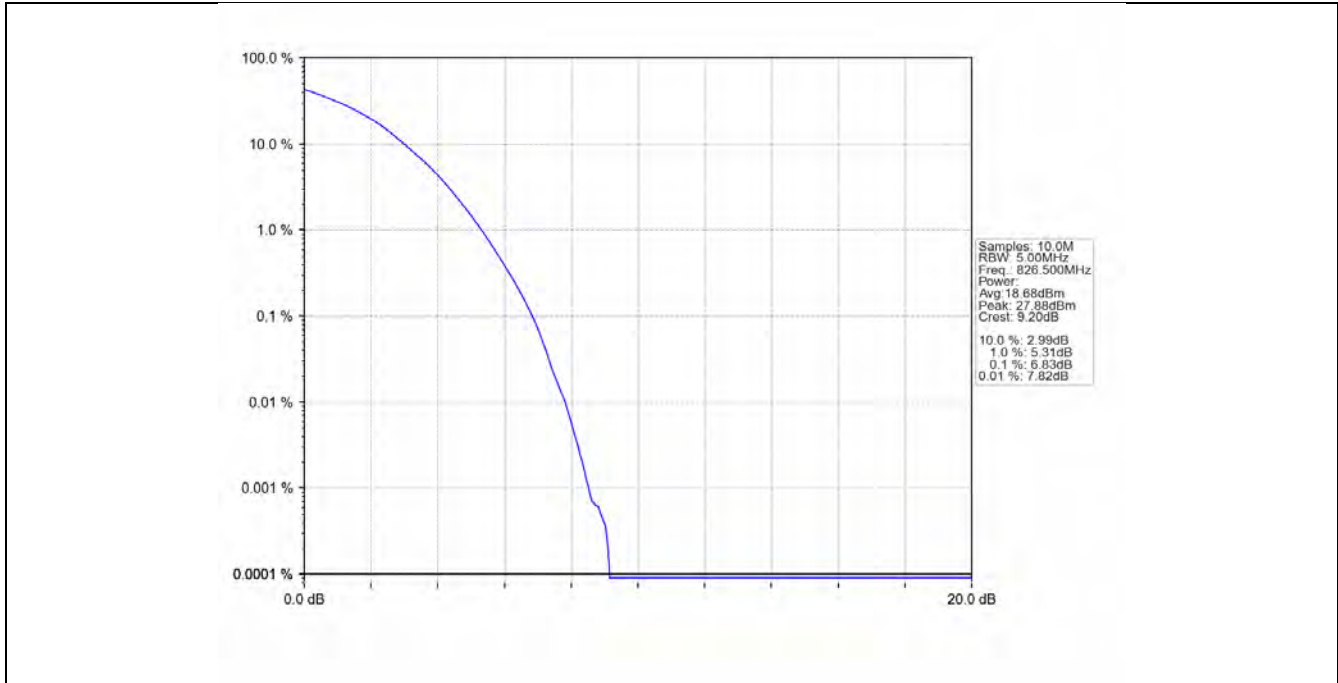


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Page: 158 of 290



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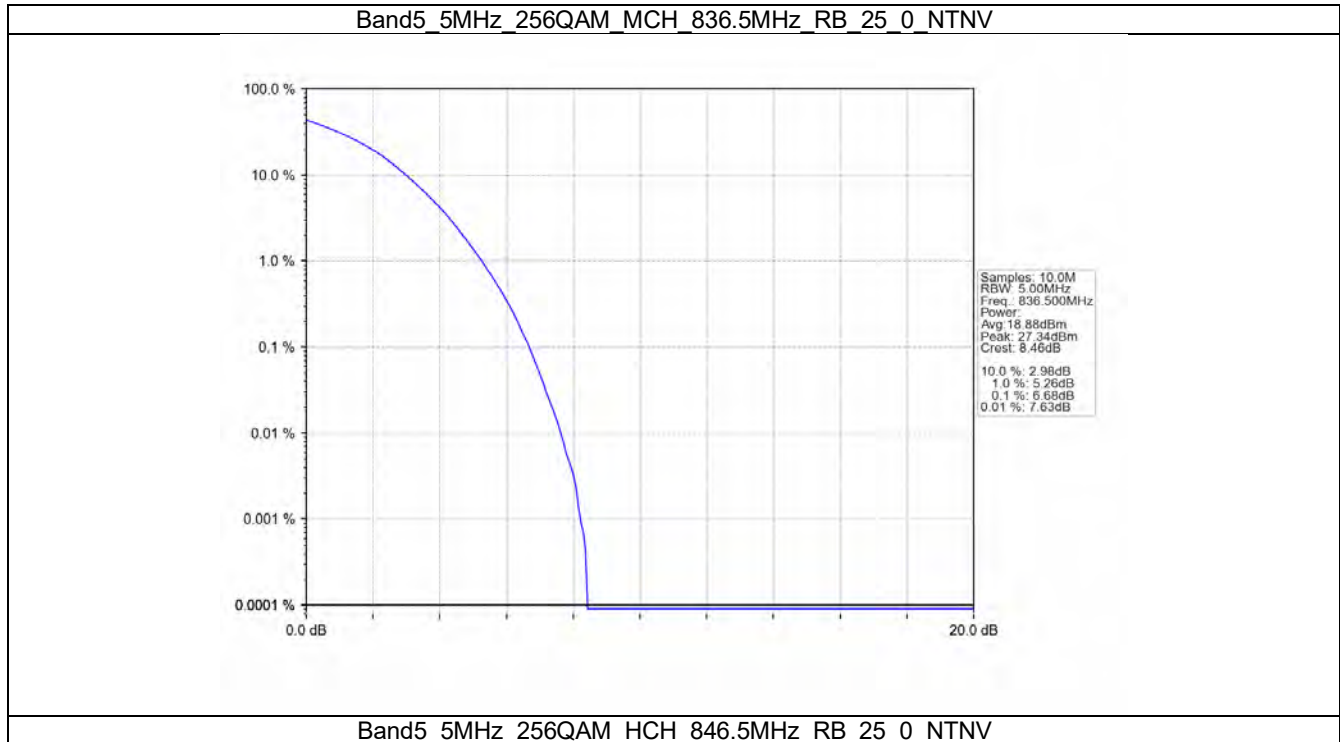


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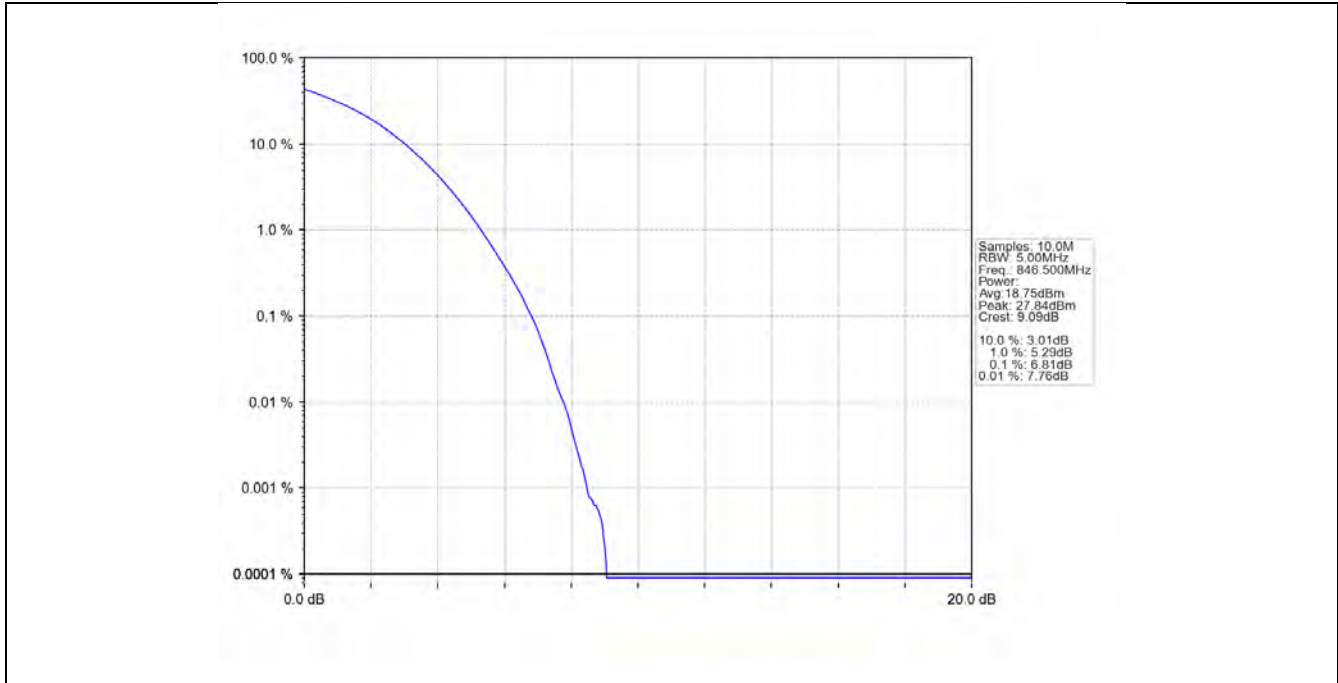


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Report No.: SZCR240100038408

Rev.: 01

Page: 161 of 290

## 4.4 B5\_10MHz

### 4.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.13	<=13	Pass
	836.5	50	0	4.96	<=13	Pass
	844	50	0	5.17	<=13	Pass
16QAM	829	50	0	5.93	<=13	Pass
	836.5	50	0	5.80	<=13	Pass
	844	50	0	5.95	<=13	Pass
64QAM	829	50	0	6.66	<=13	Pass
	836.5	50	0	6.47	<=13	Pass
	844	50	0	6.61	<=13	Pass
256QAM	829	50	0	6.74	<=13	Pass
	836.5	50	0	6.65	<=13	Pass
	844	50	0	6.74	<=13	Pass



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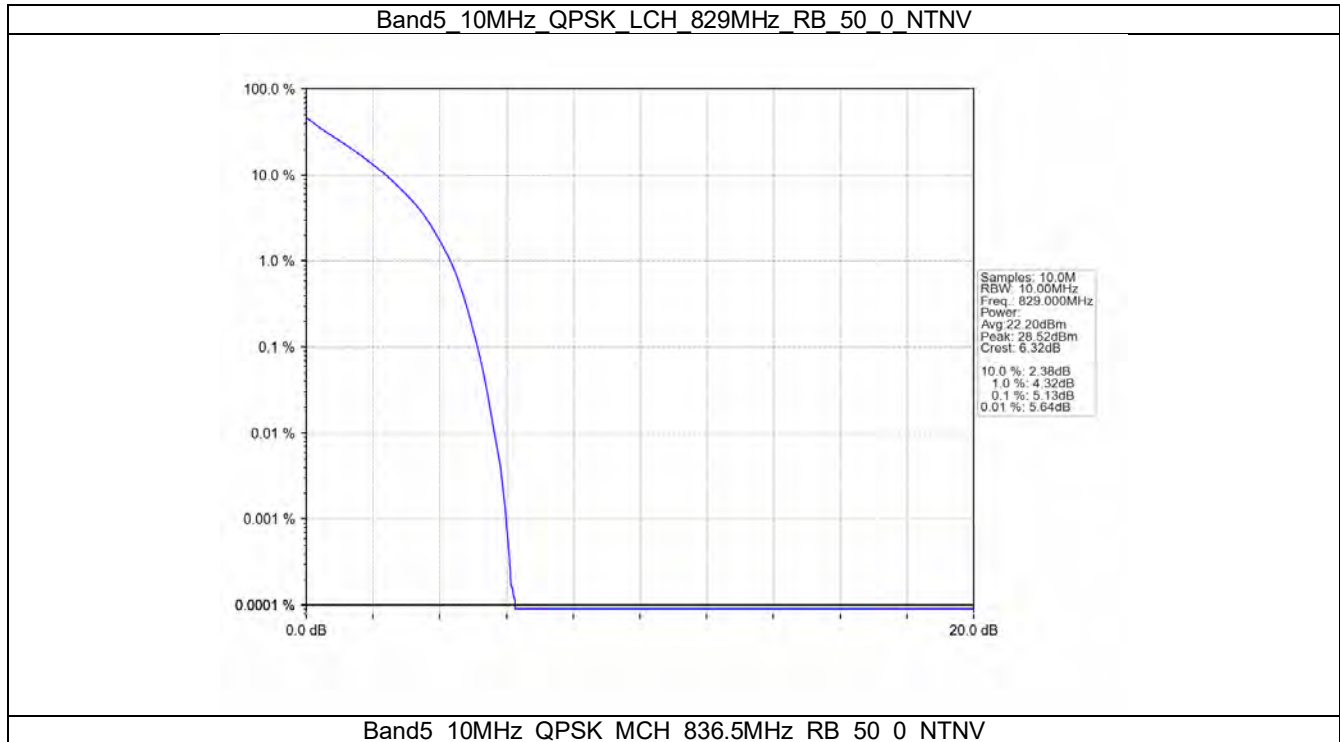
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Report No.: SZCR240100038408

Rev.: 01

Page: 162 of 290

4.4.2 Test Graph



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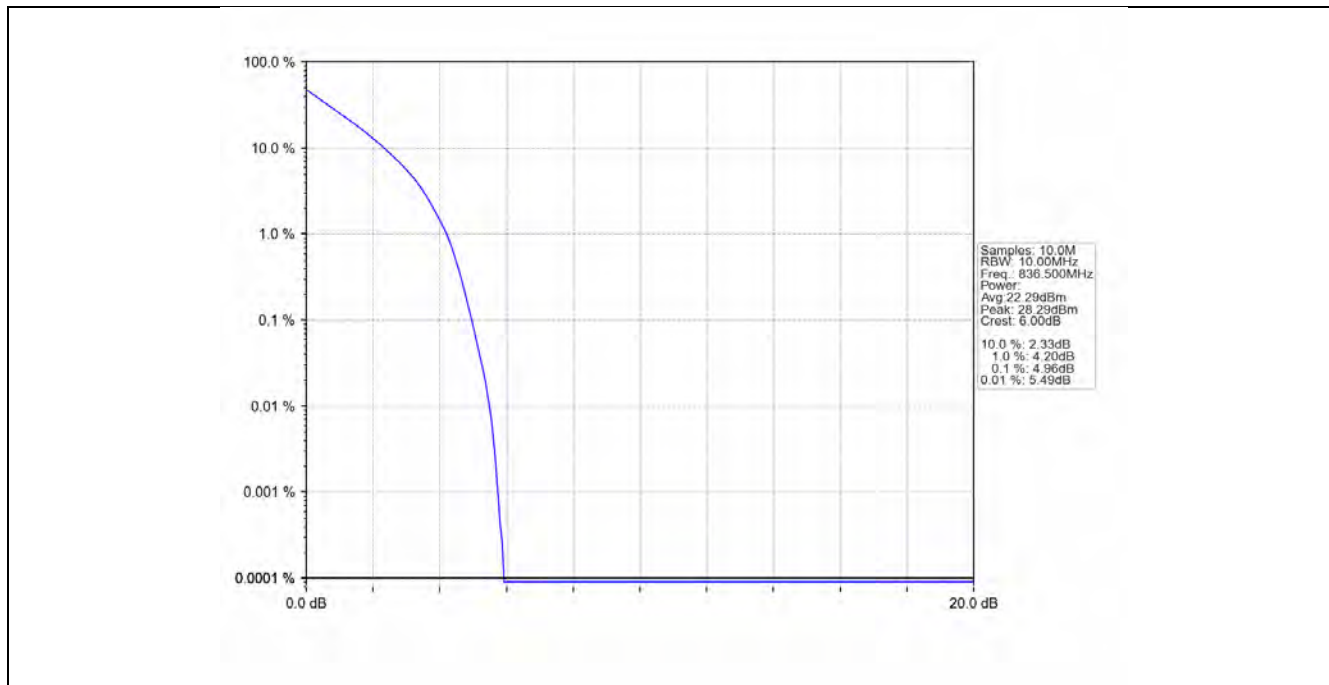
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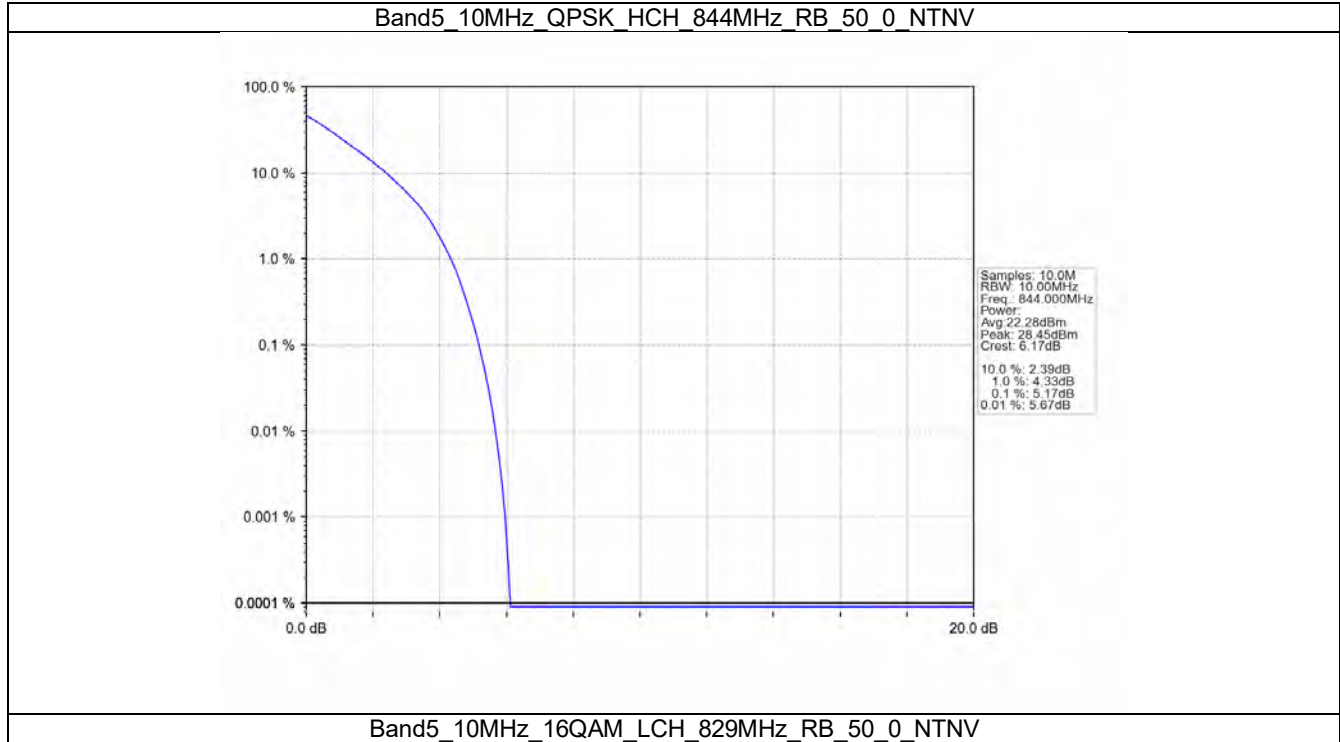


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Report No.: SZCR240100038408

Rev.: 01

Page: 164 of 290



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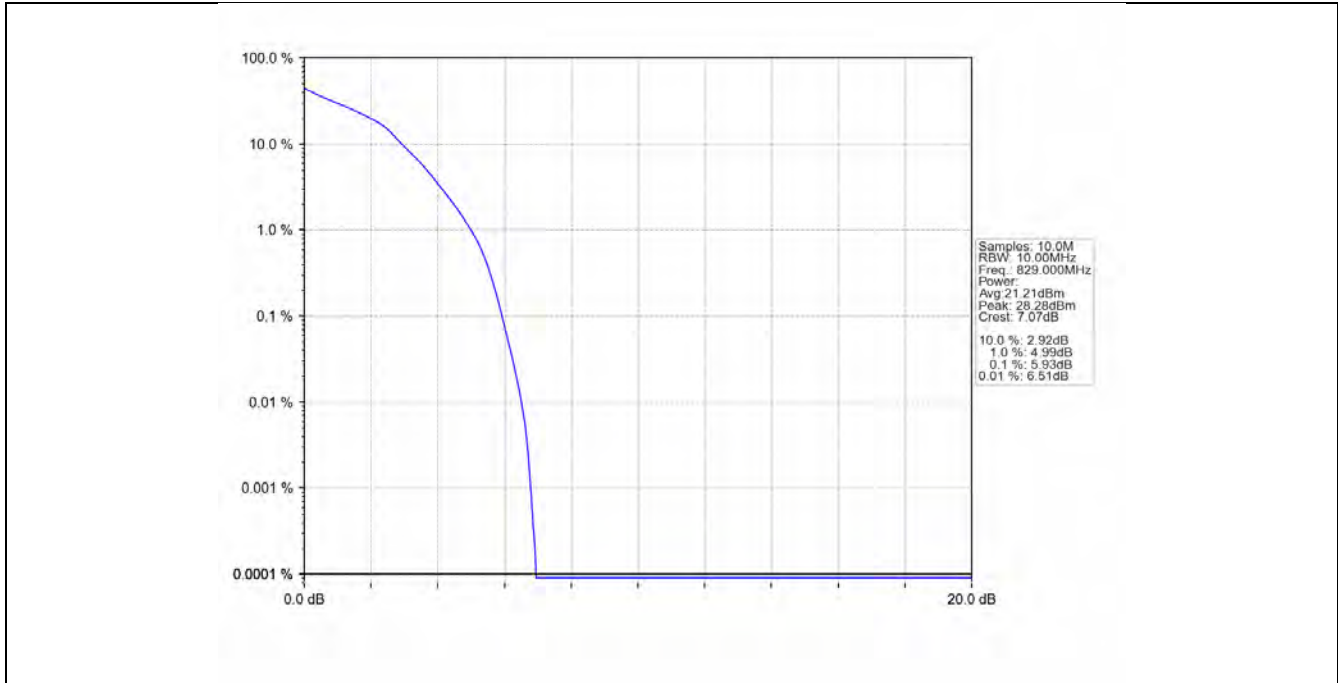


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Report No.: SZCR240100038408

Rev.: 01

Page: 165 of 290



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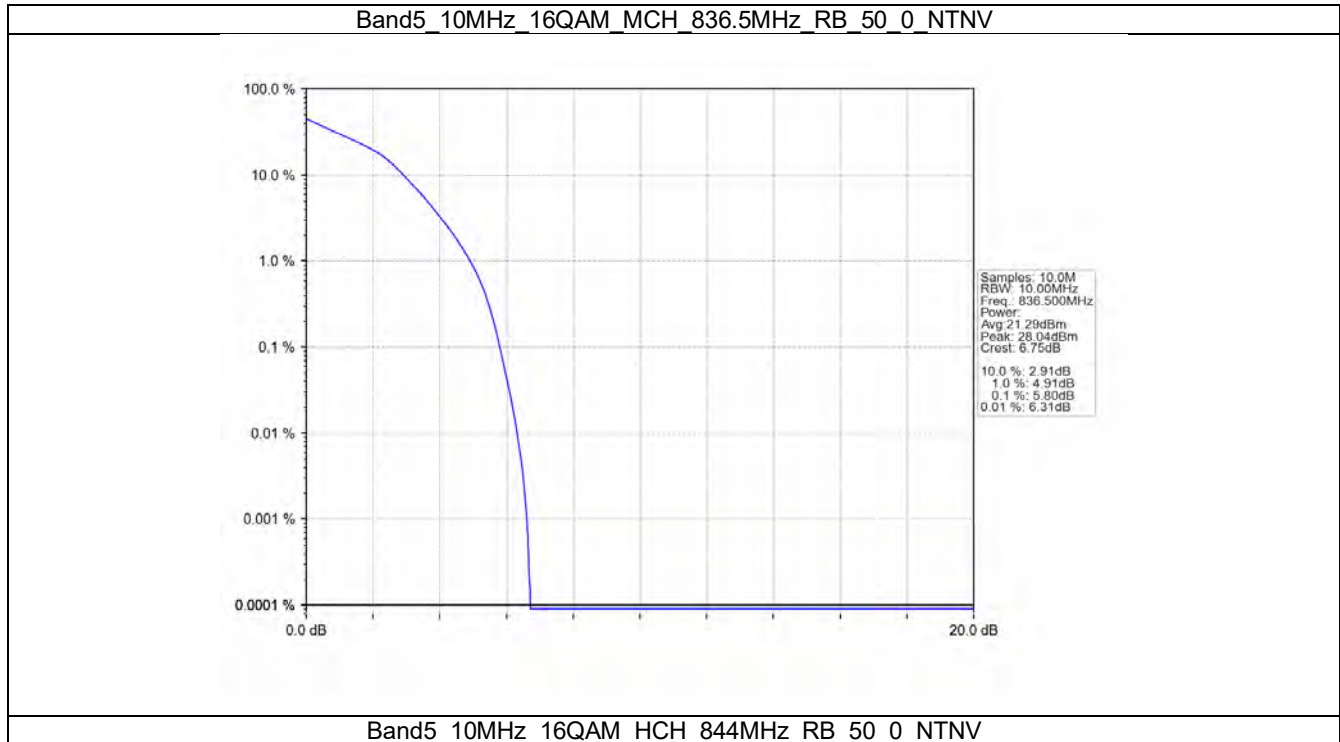
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Report No.: SZCR240100038408

Rev.: 01

Page: 166 of 290



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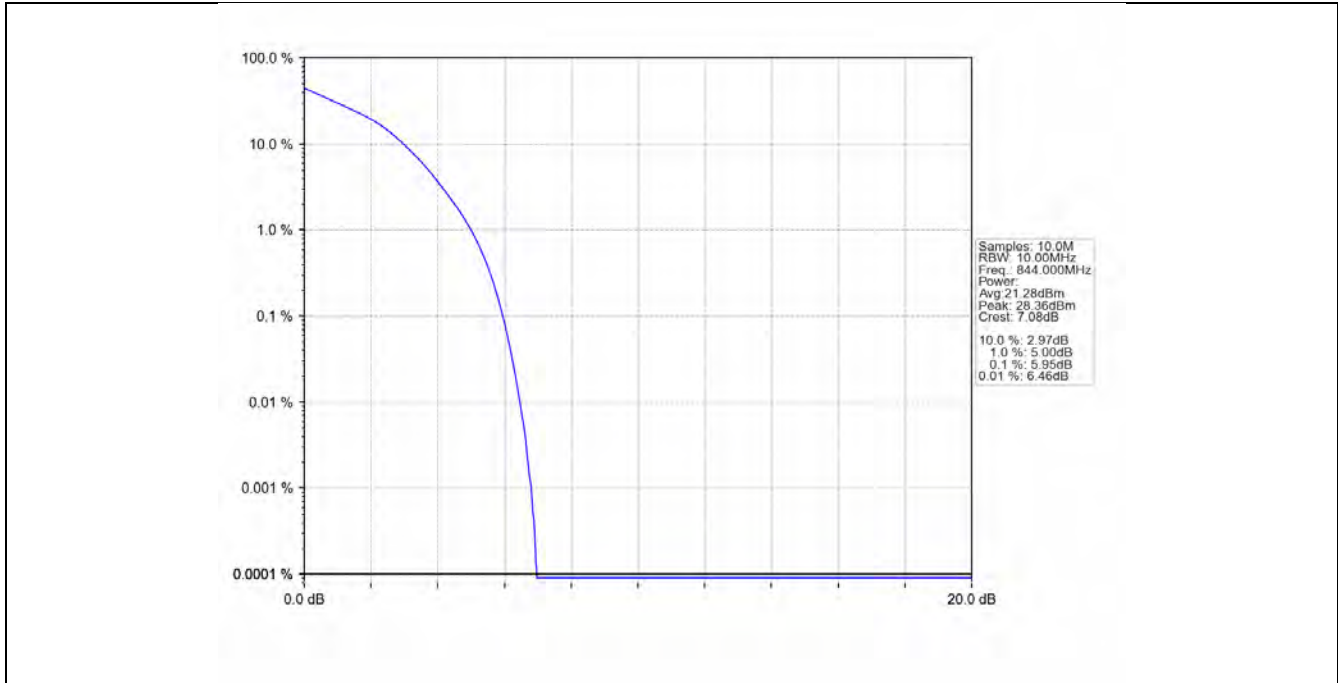
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Rev.: 01  
Page: 167 of 290



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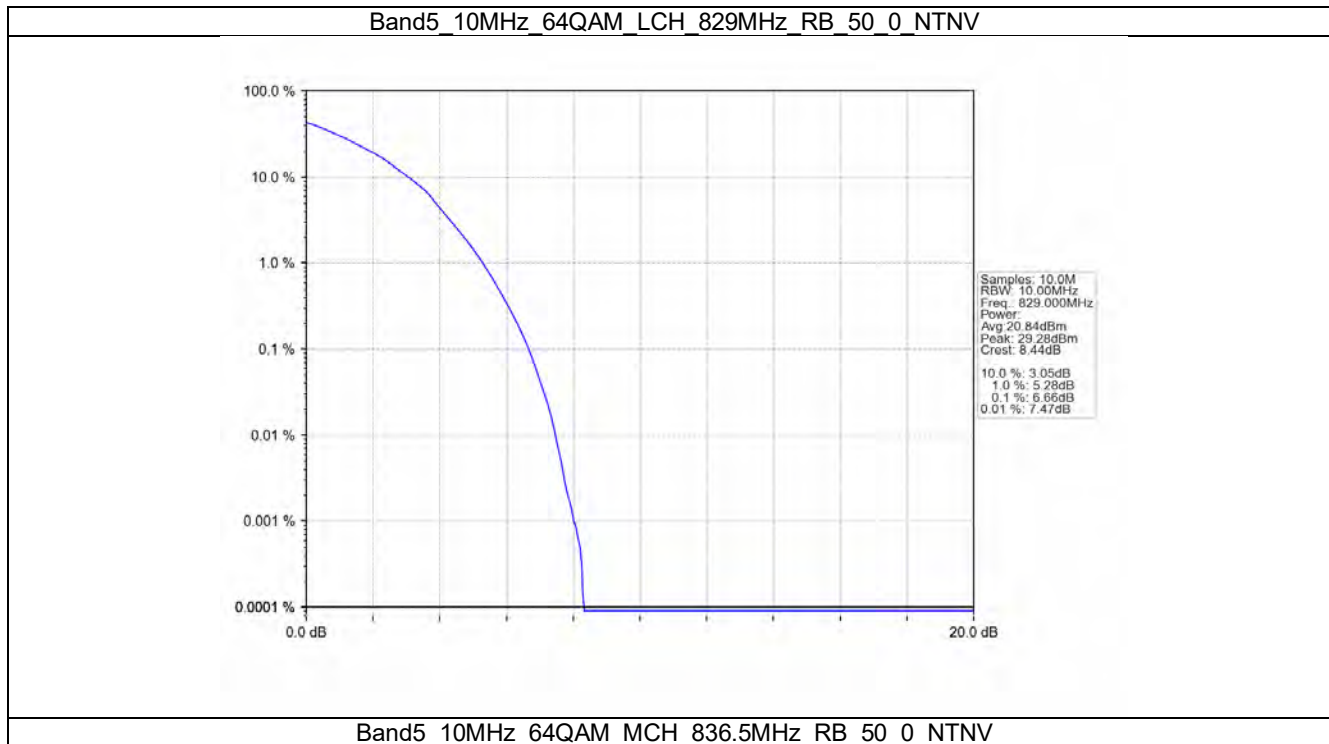
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Rev.: 01  
Page: 168 of 290



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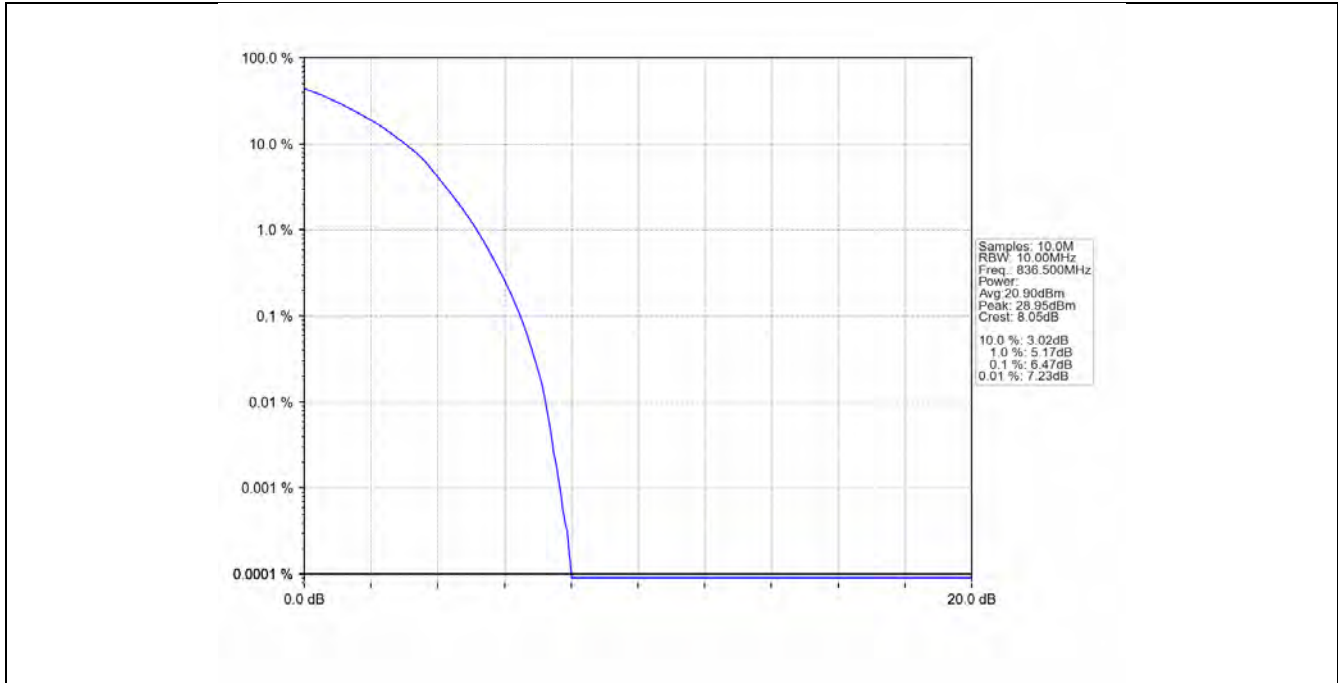
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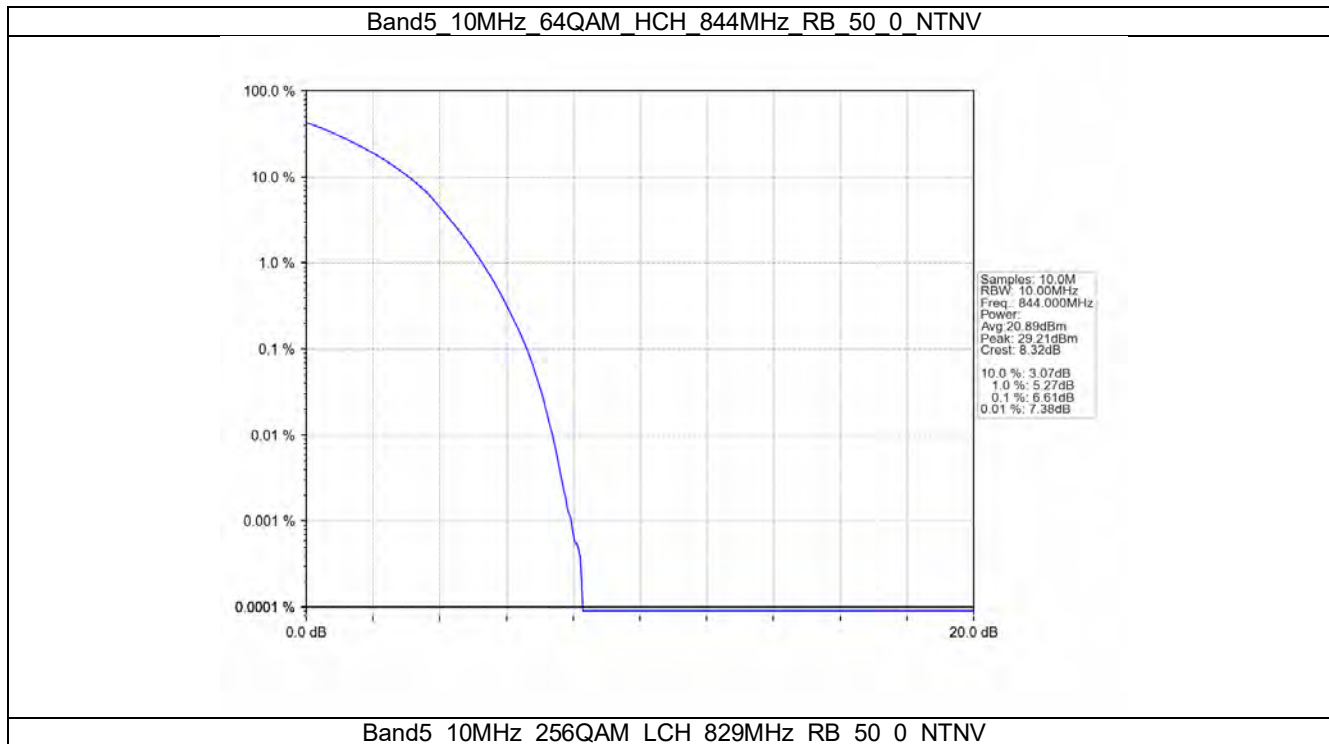
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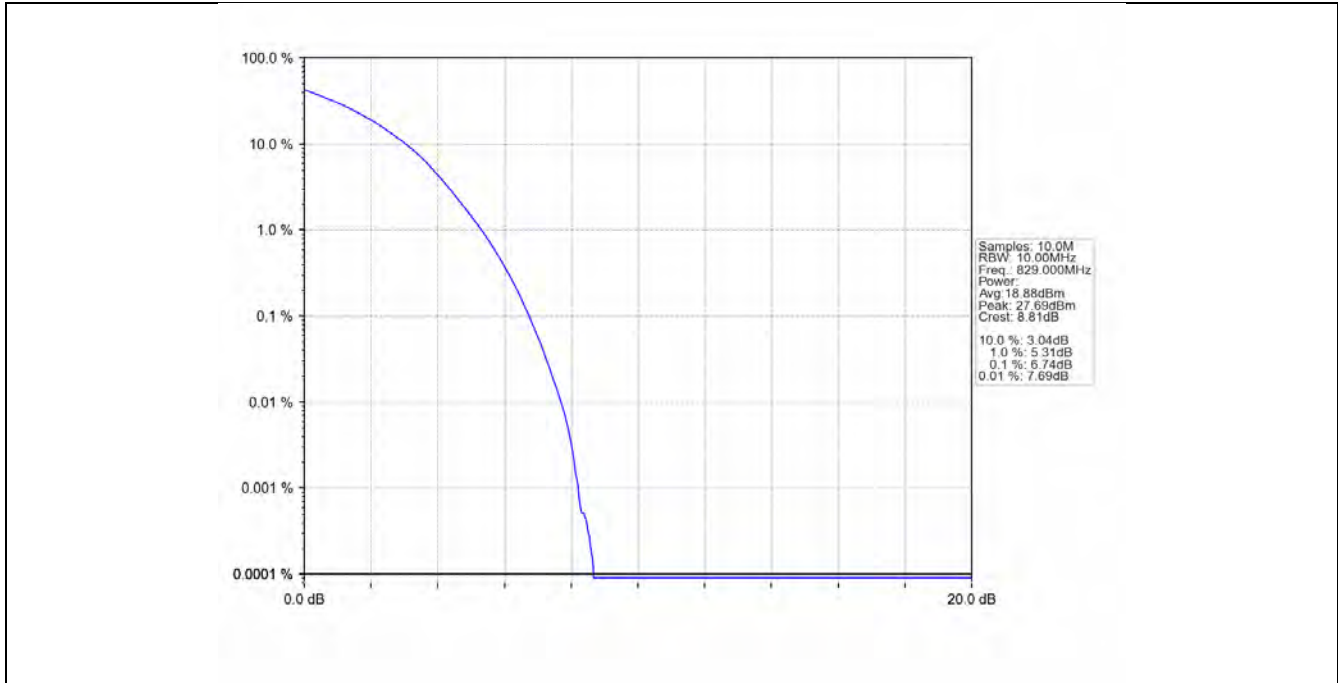


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Report No.: SZCR240100038408

Rev.: 01

Page: 171 of 290



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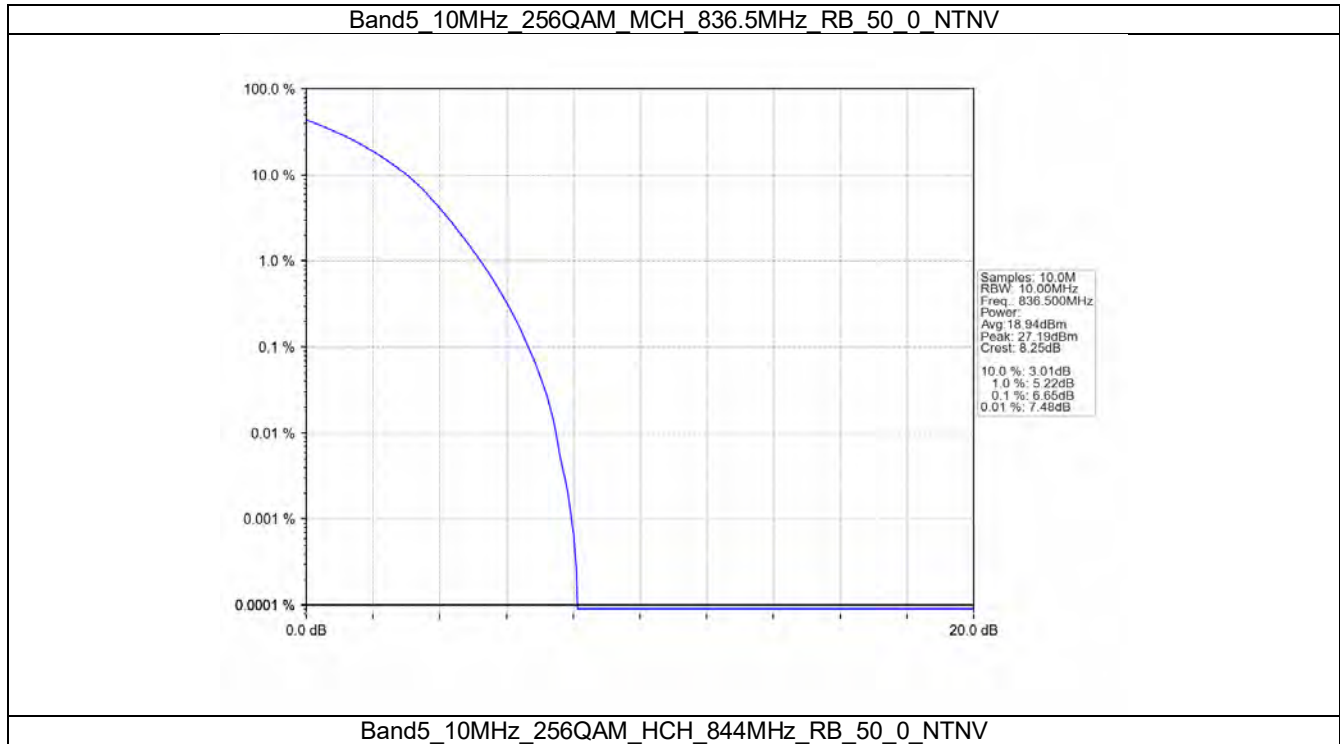


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Report No.: SZCR240100038408

Rev.: 01

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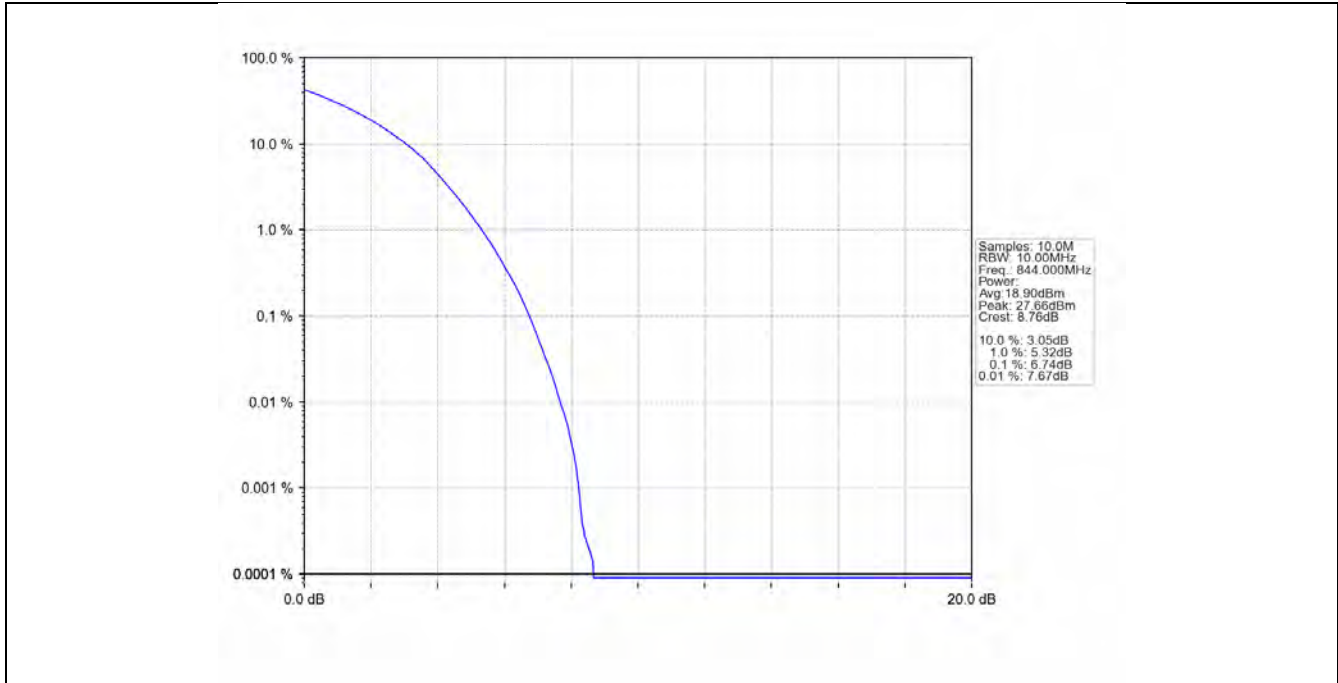


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Report No.: SZCR240100038408

Rev.: 01

Page: 174 of 290

## 5. Spurious Emission & Band Edges

### 5.1 B5\_1.4MHz

#### 5.1.1 Test Result

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
256QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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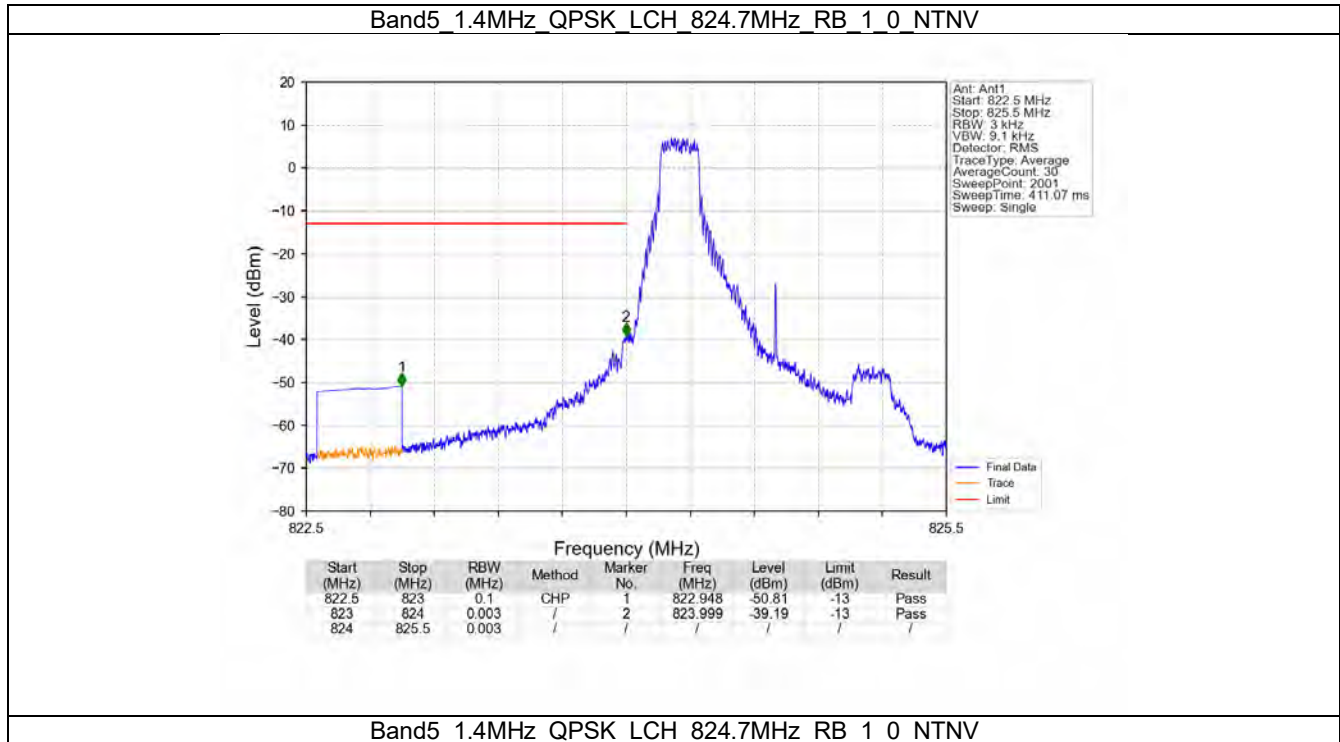
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5.1.2 Test Graph



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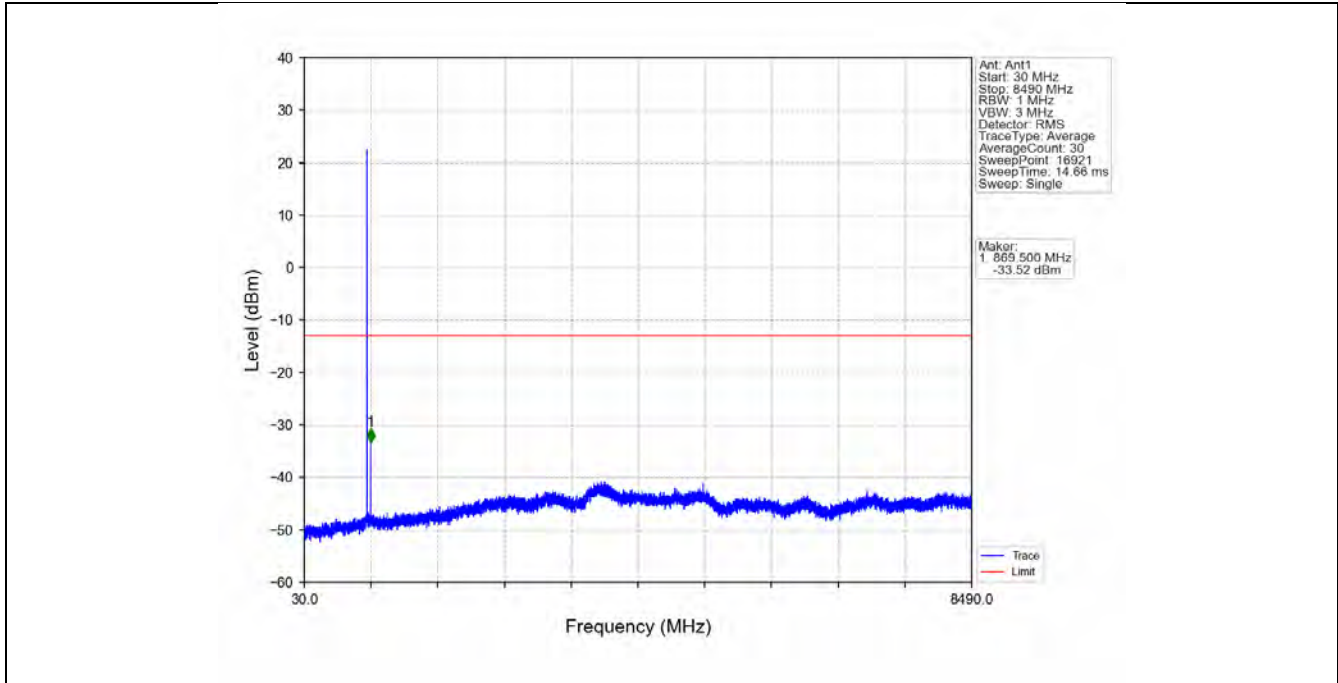


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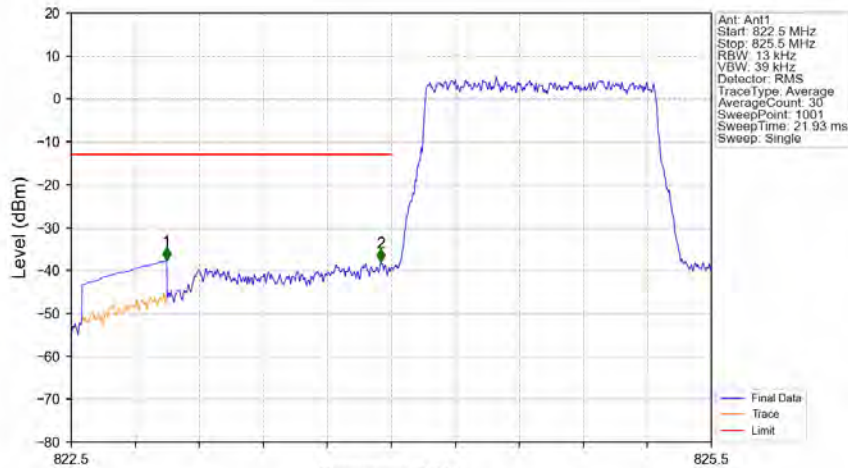
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Report No.: SZCR240100038408

Rev.: 01

Page: 177 of 290

Band5 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.947	-37.68	-13	Pass
823	824	0.013	/	2	823.952	-38.06	-13	Pass
824	825.5	0.013	/	/	/	/	/	/

Band5 1.4MHz QPSK MCH 836.5MHz RB 1 0 NTN



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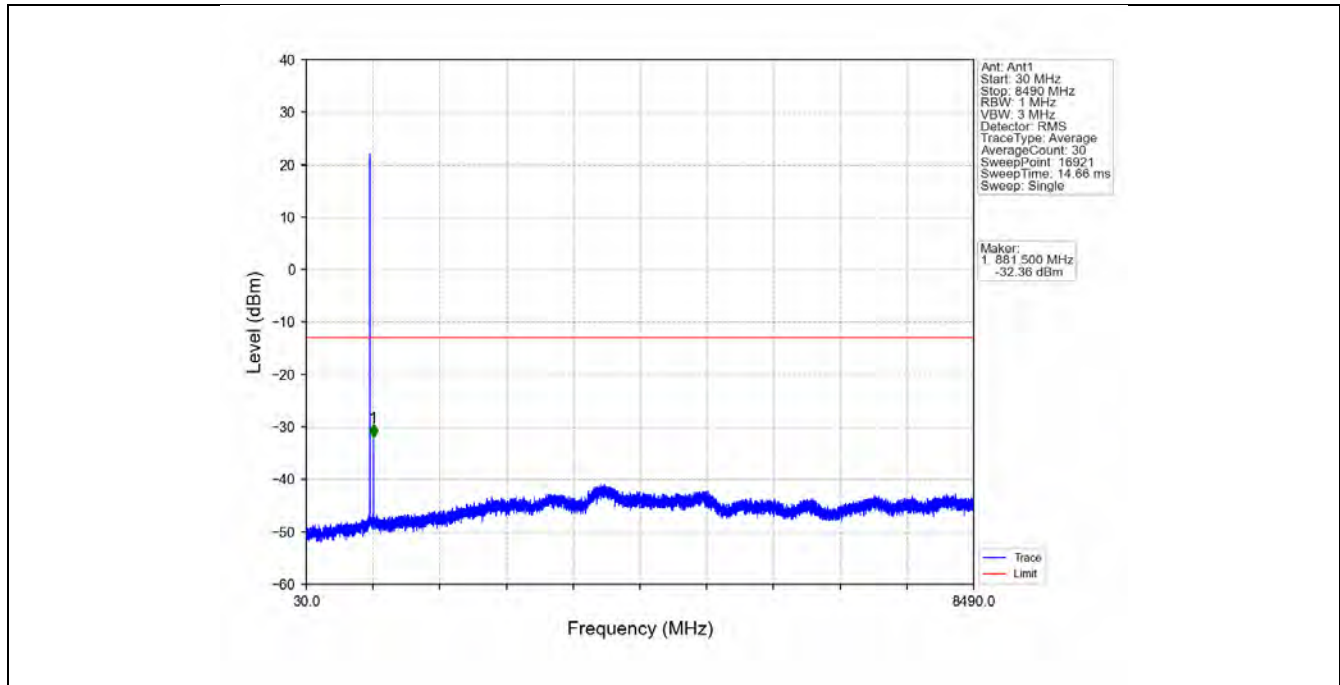


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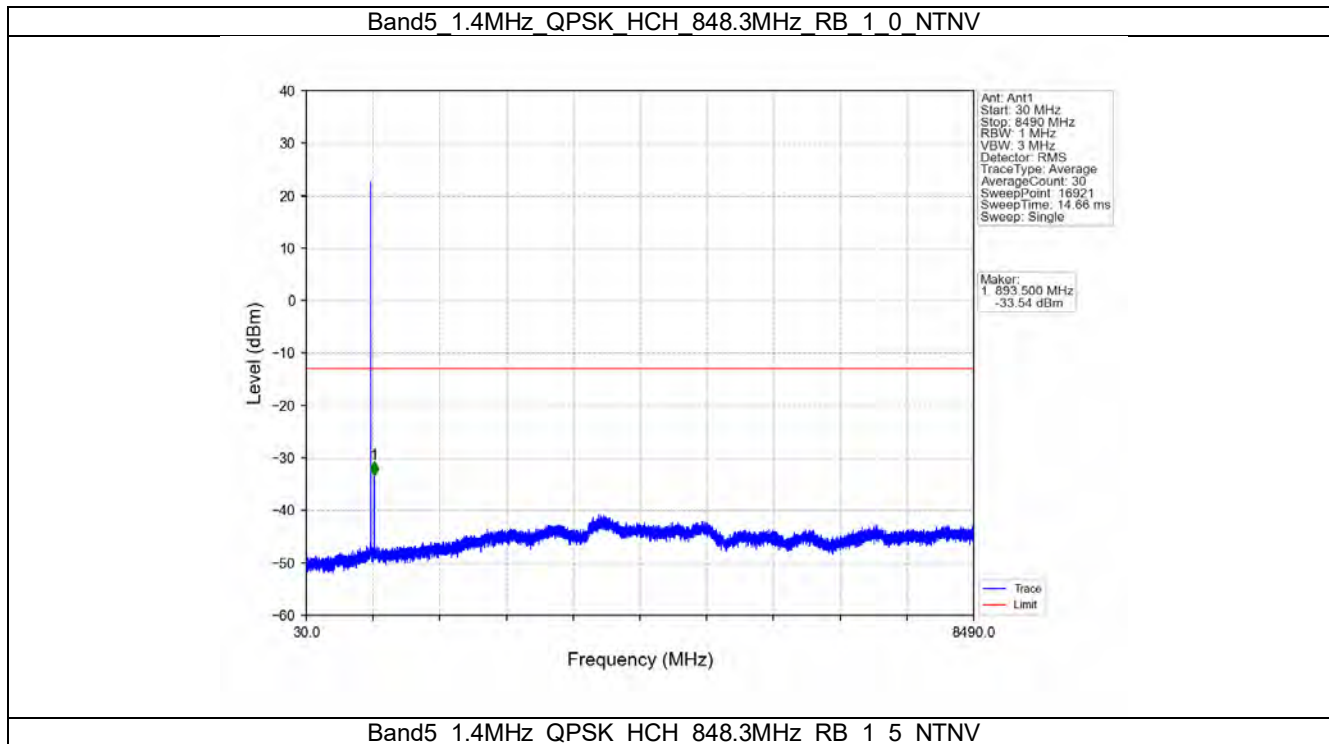
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Page: 179 of 290



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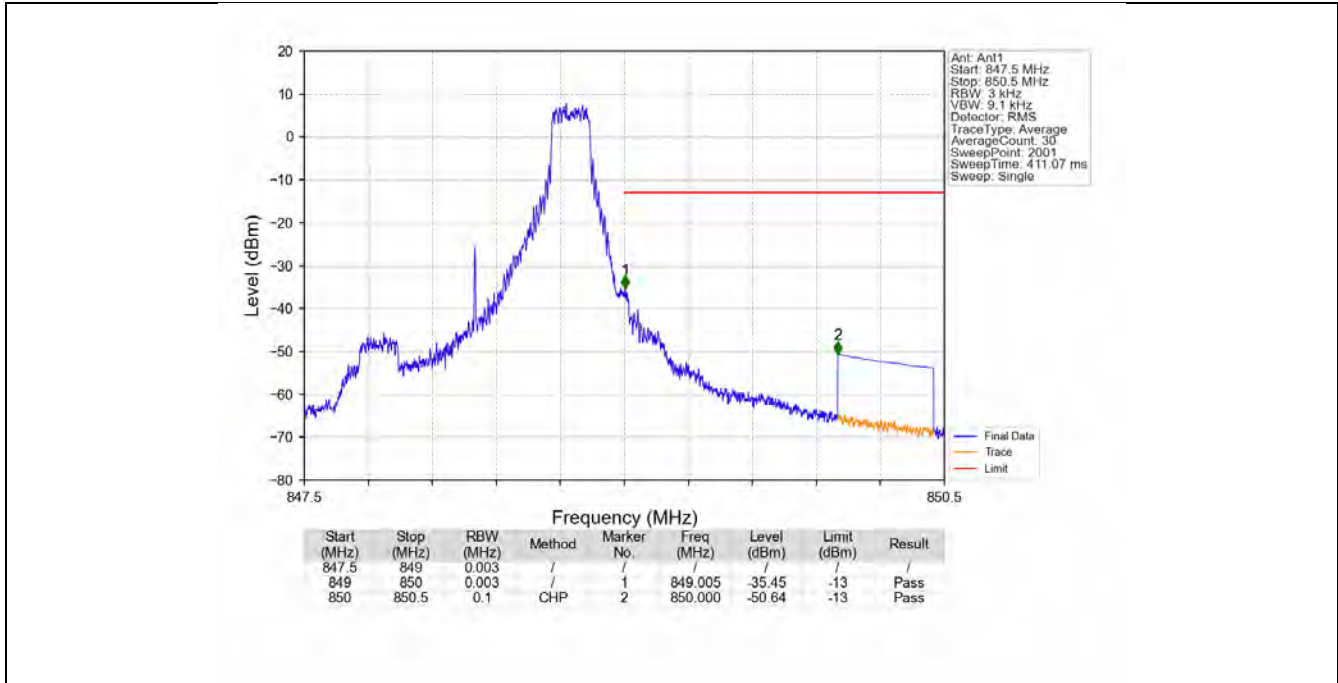


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Report No.: SZCR240100038408

Rev.: 01

Page: 180 of 290



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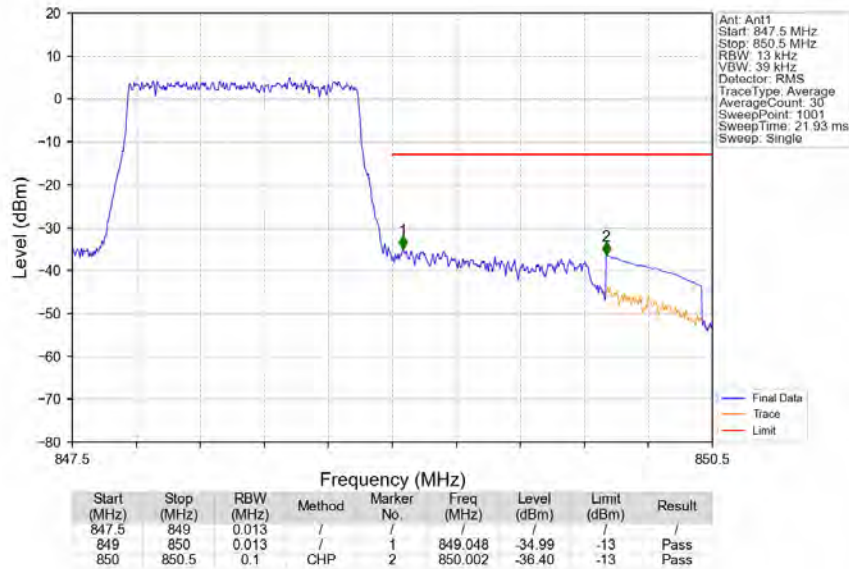
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Report No.: SZCR240100038408

Rev.: 01

Page: 181 of 290

Band5 1.4MHz QPSK HCH 848.3MHz RB 6 0 NTV



Band5 1.4MHz 16QAM LCH 824.7MHz RB 1 0 NTV



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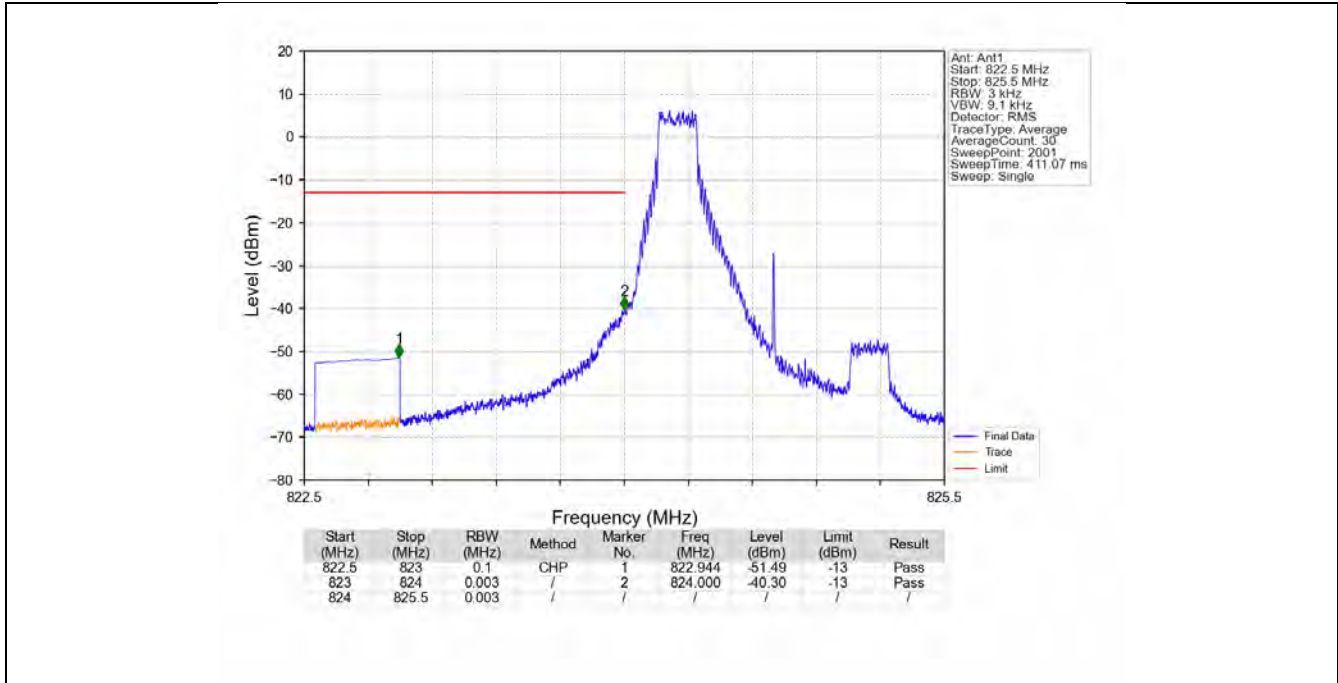


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Report No.: SZCR240100038408

Rev.: 01

Page: 182 of 290



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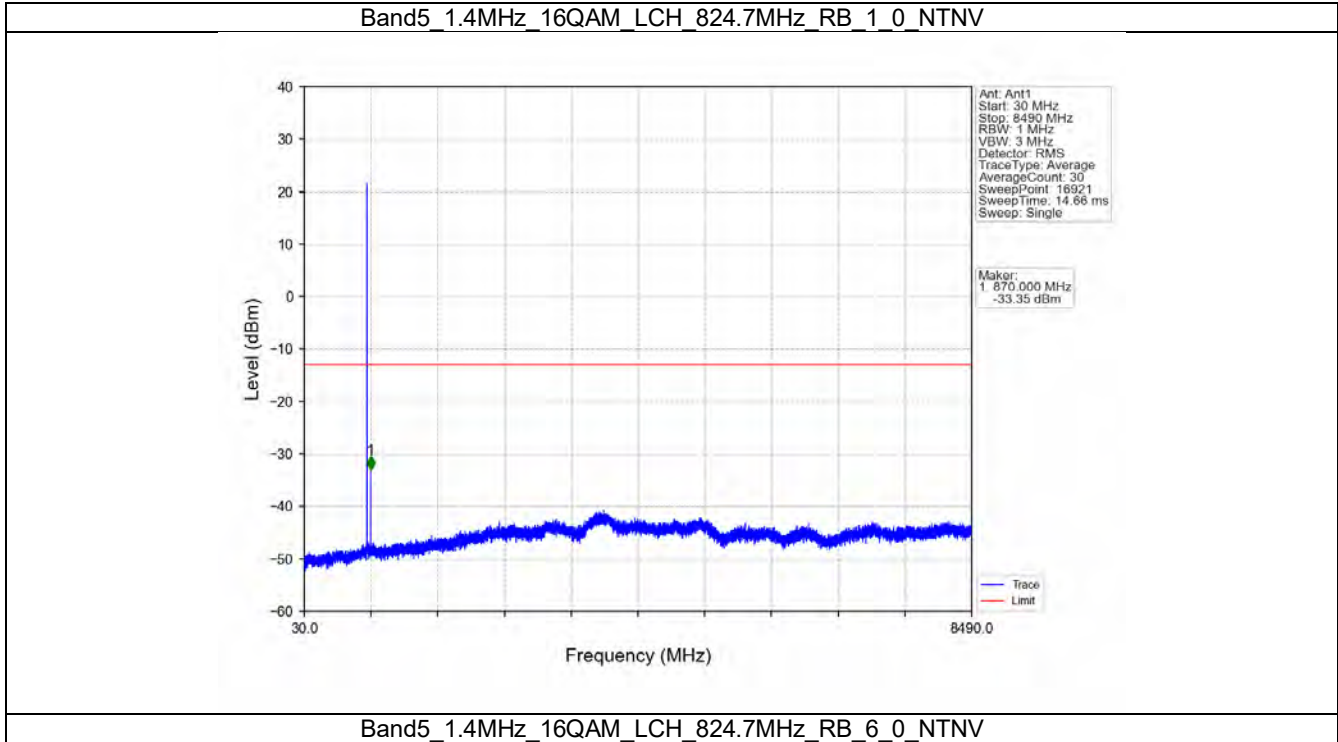


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Report No.: SZCR240100038408

Rev.: 01

Page: 183 of 290



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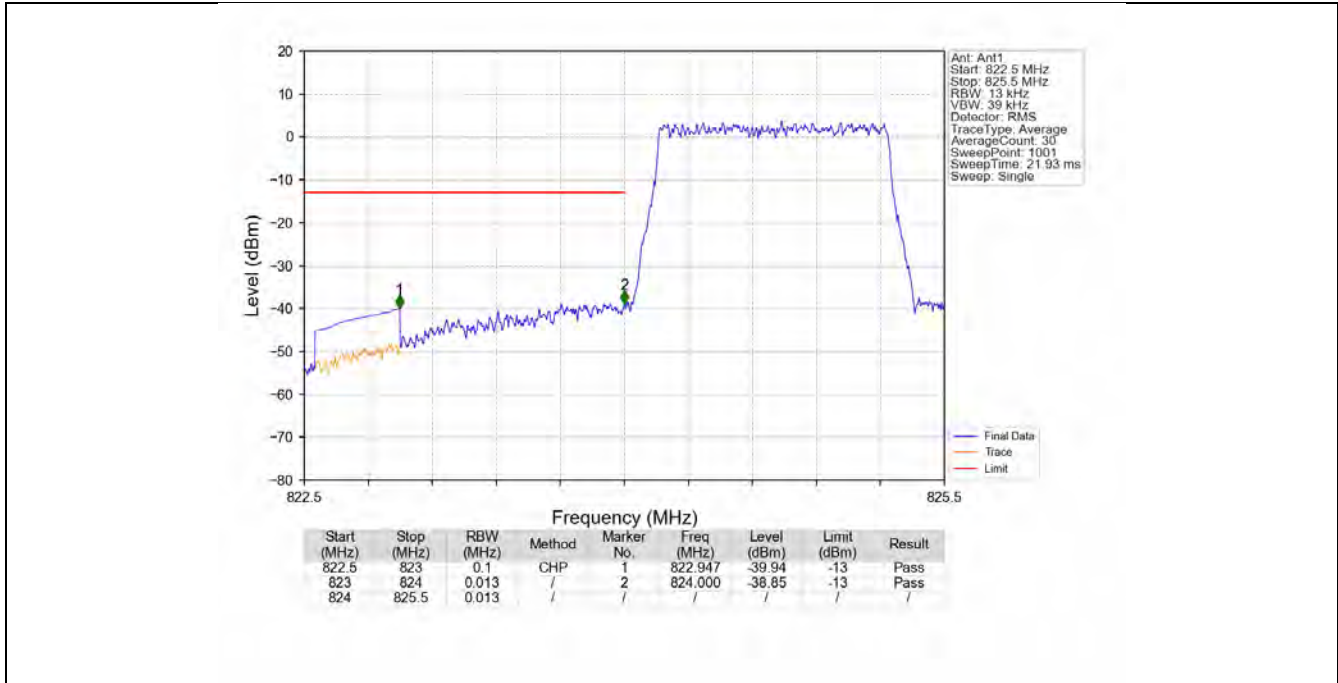


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Report No.: SZCR240100038408

Rev.: 01

Page: 184 of 290



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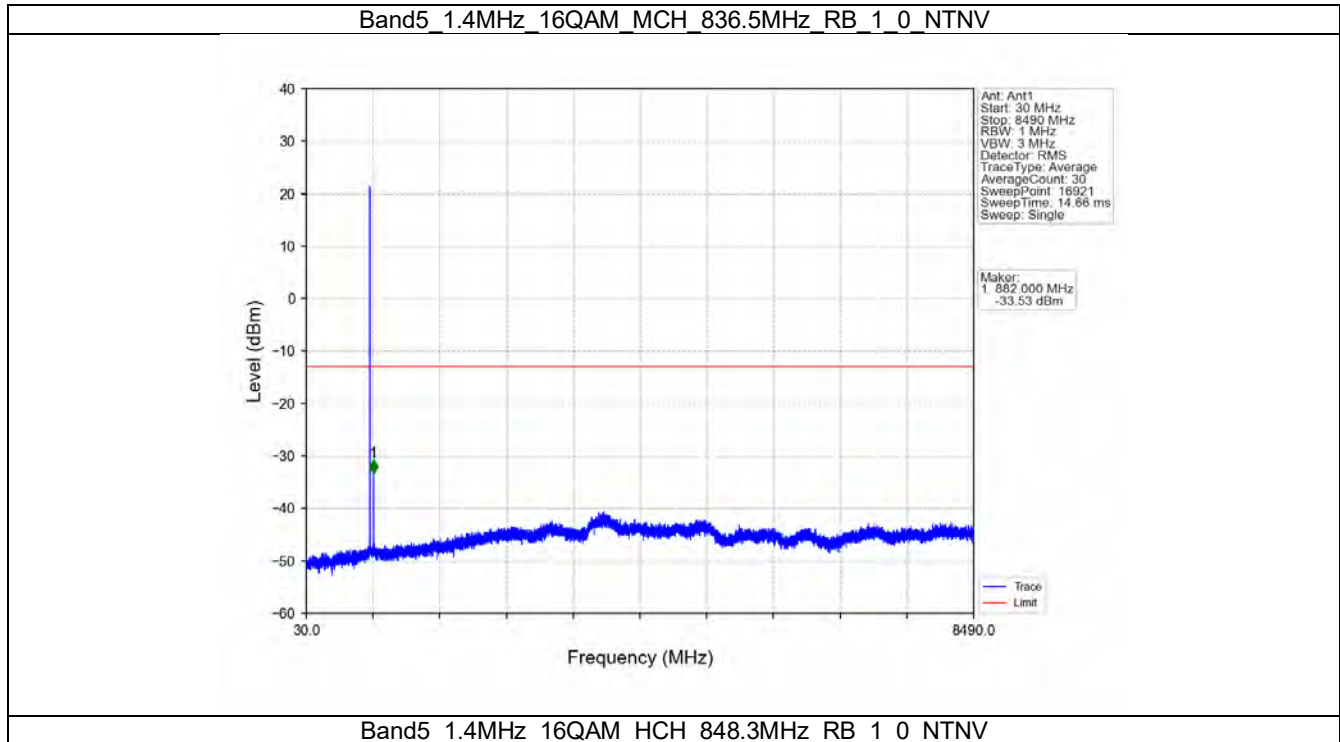


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Report No.: SZCR240100038408

Rev.: 01

Page: 185 of 290



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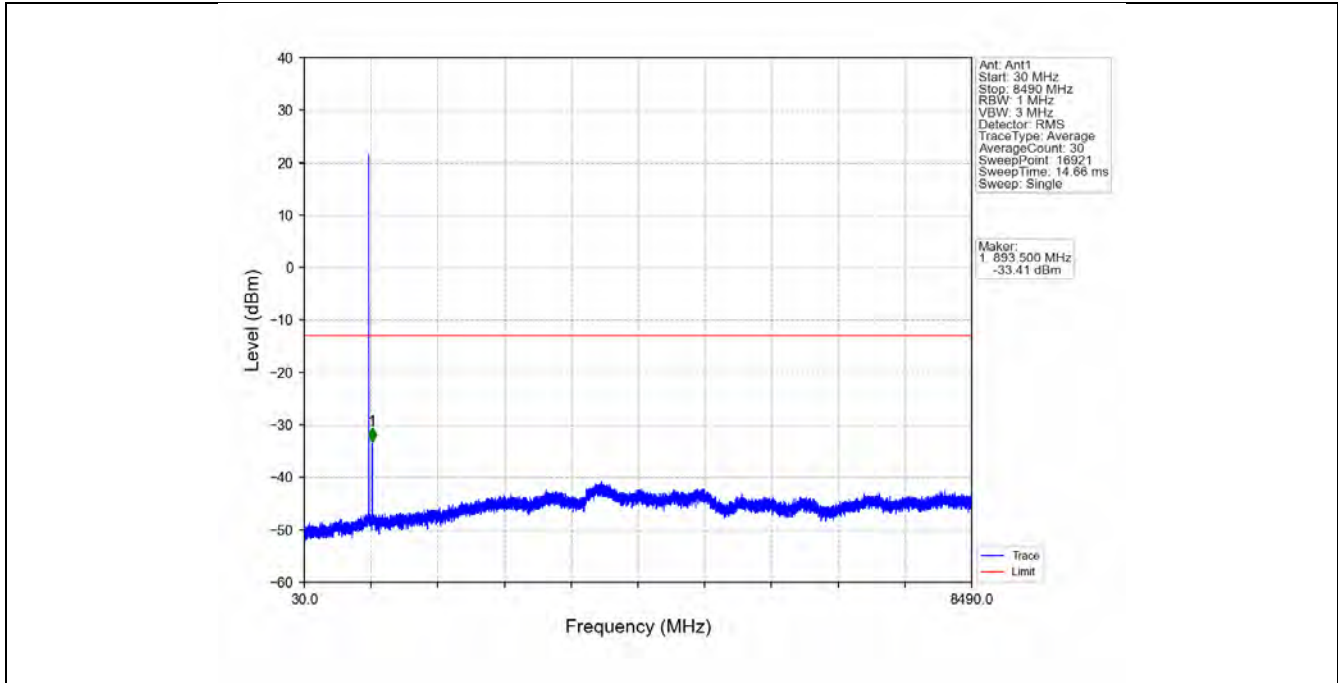


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Report No.: SZCR240100038408

Rev.: 01

Page: 186 of 290



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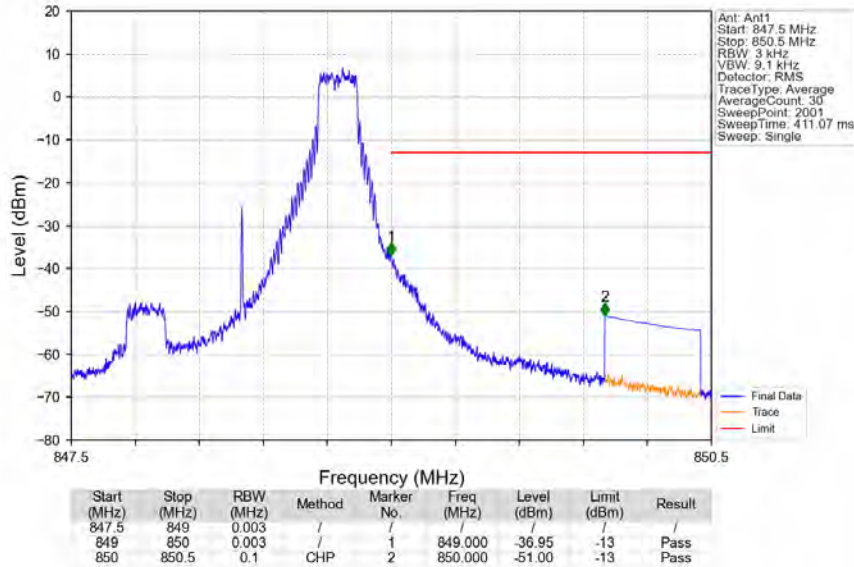
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Report No.: SZCR240100038408

Rev.: 01

Page: 187 of 290

Band5 1.4MHz 16QAM HCH 848.3MHz RB 1 5 NTV



Band5 1.4MHz 16QAM HCH 848.3MHz RB 6 0 NTV



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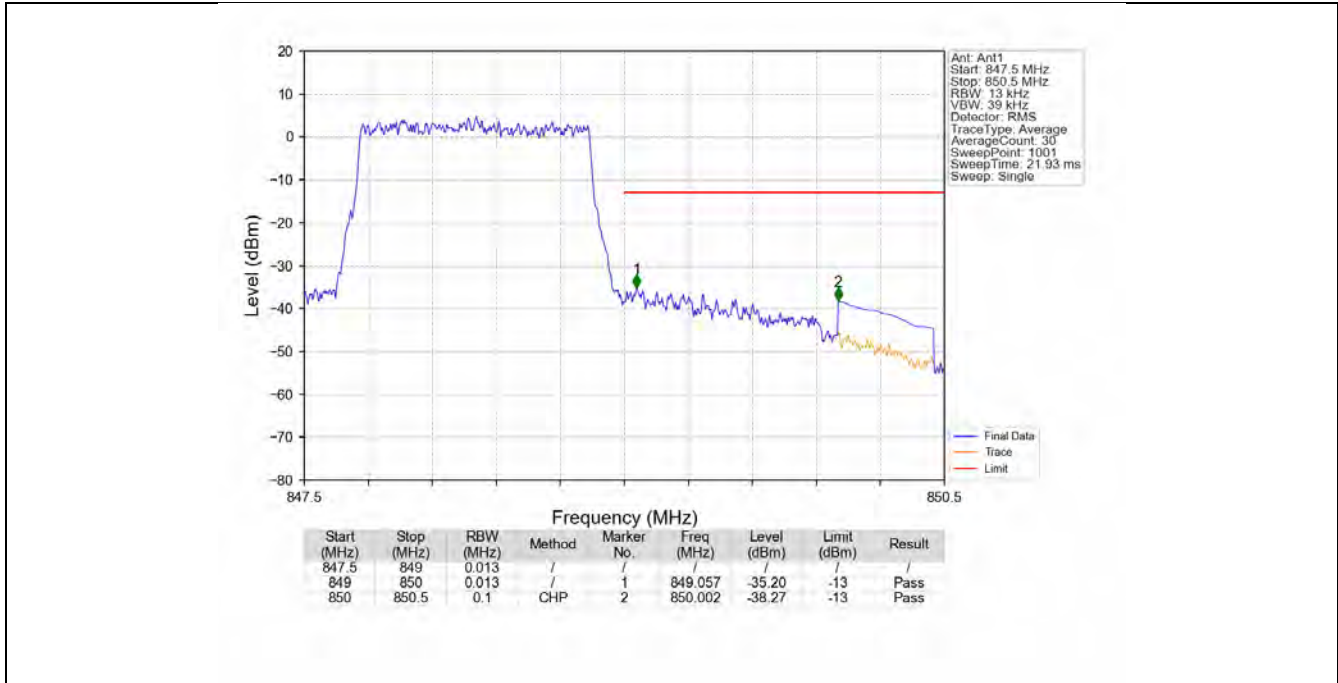


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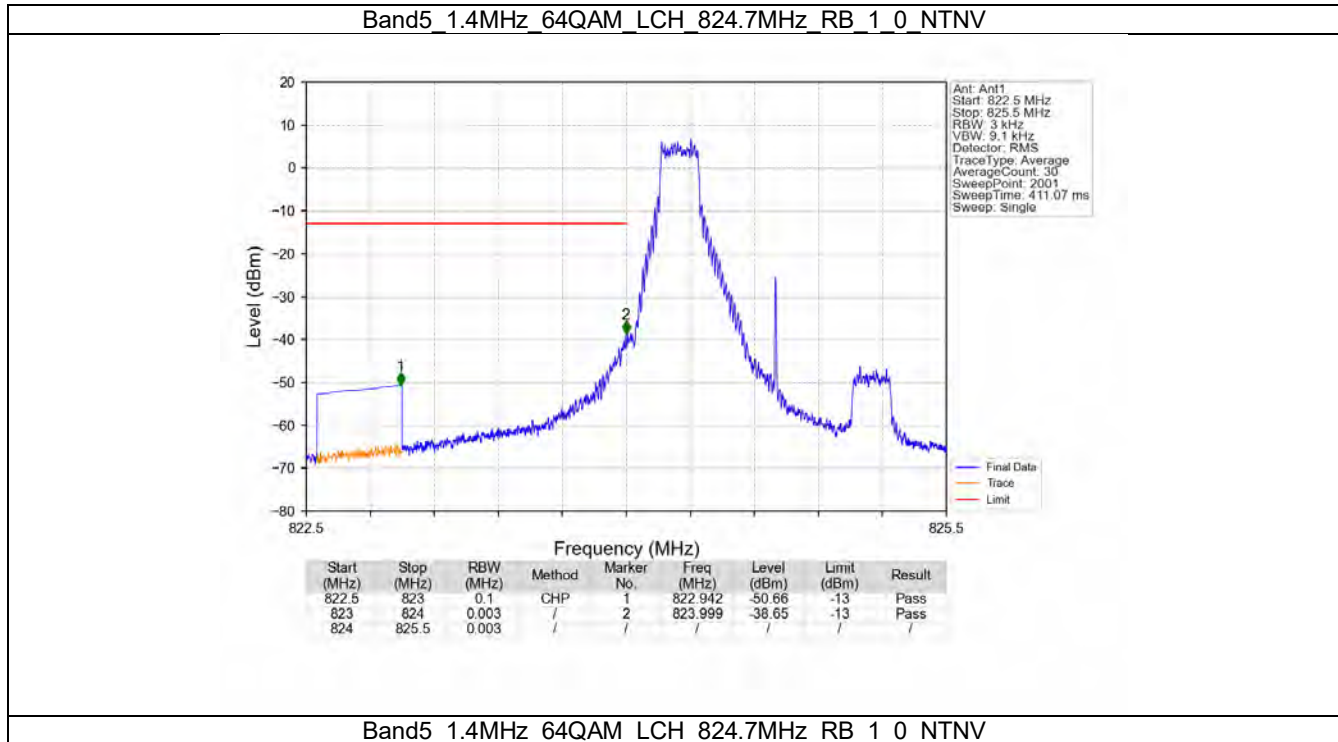


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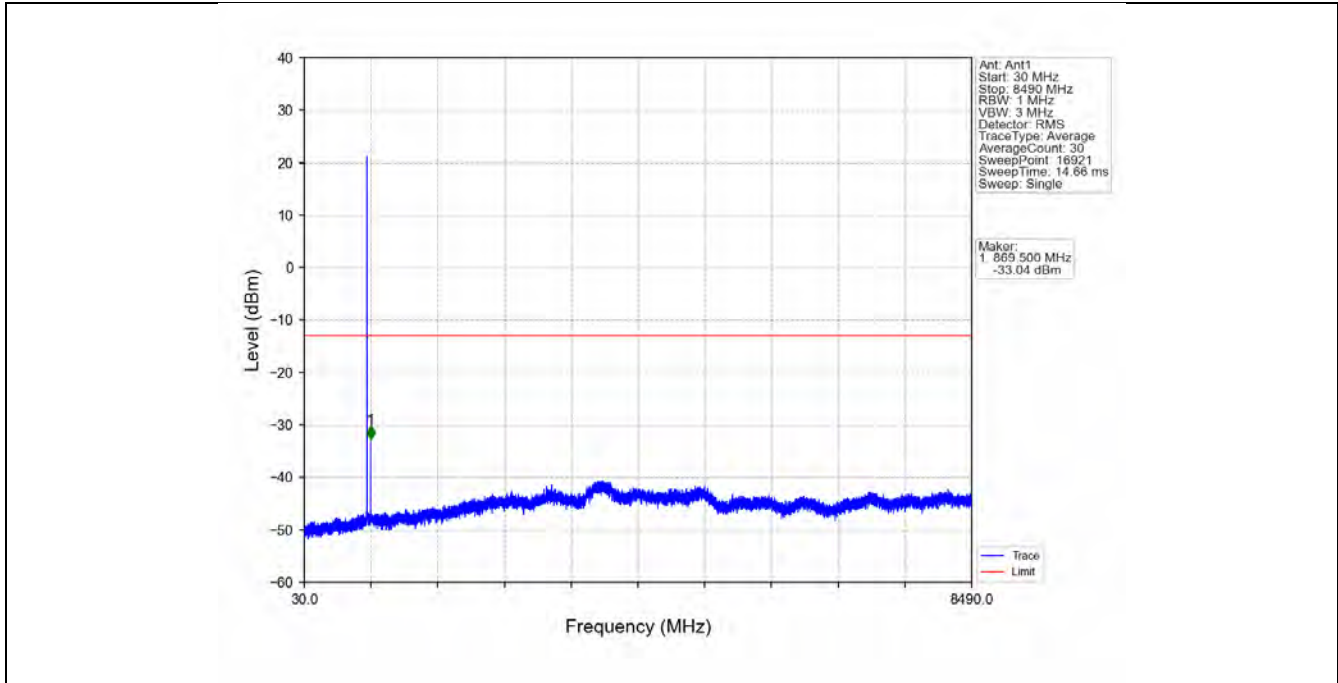


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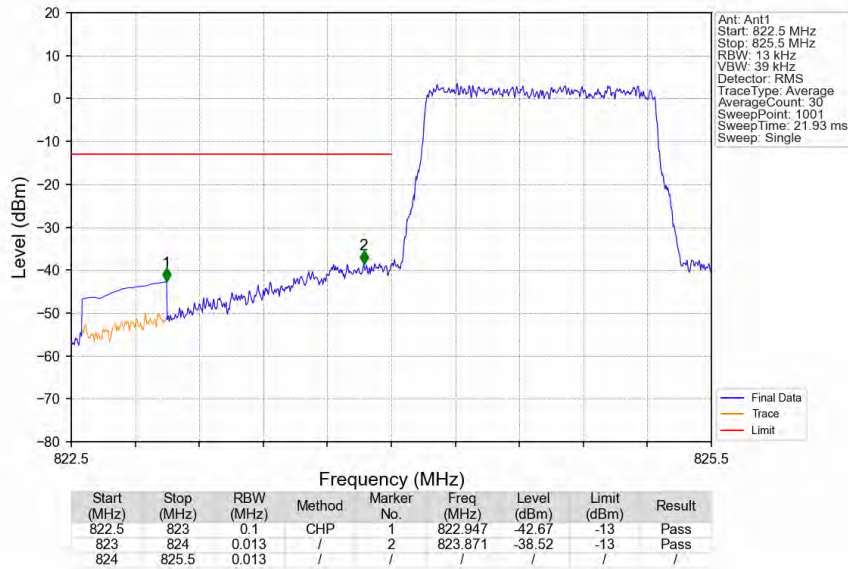
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Report No.: SZCR240100038408

Rev.: 01

Page: 191 of 290

Band5 1.4MHz 64QAM LCH 824.7MHz RB 6 0 NTV



Band5 1.4MHz 64QAM MCH 836.5MHz RB 1 0 NTV



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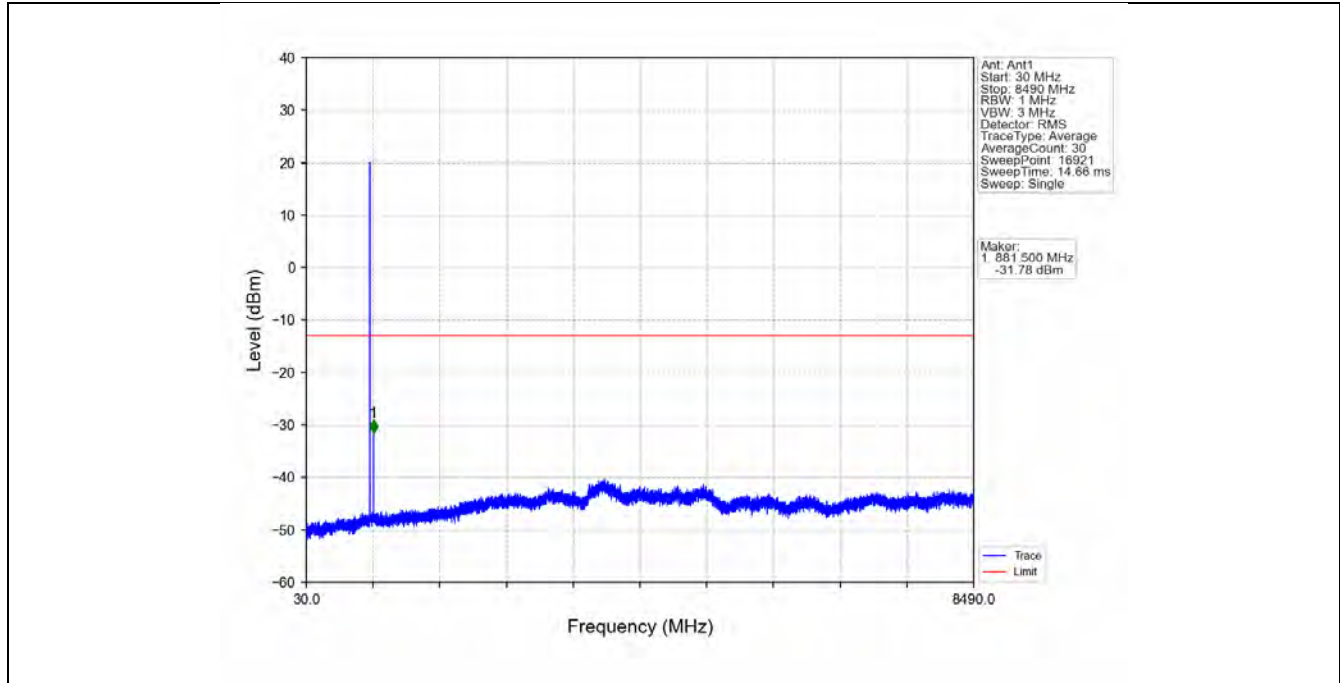


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Rev.: 01

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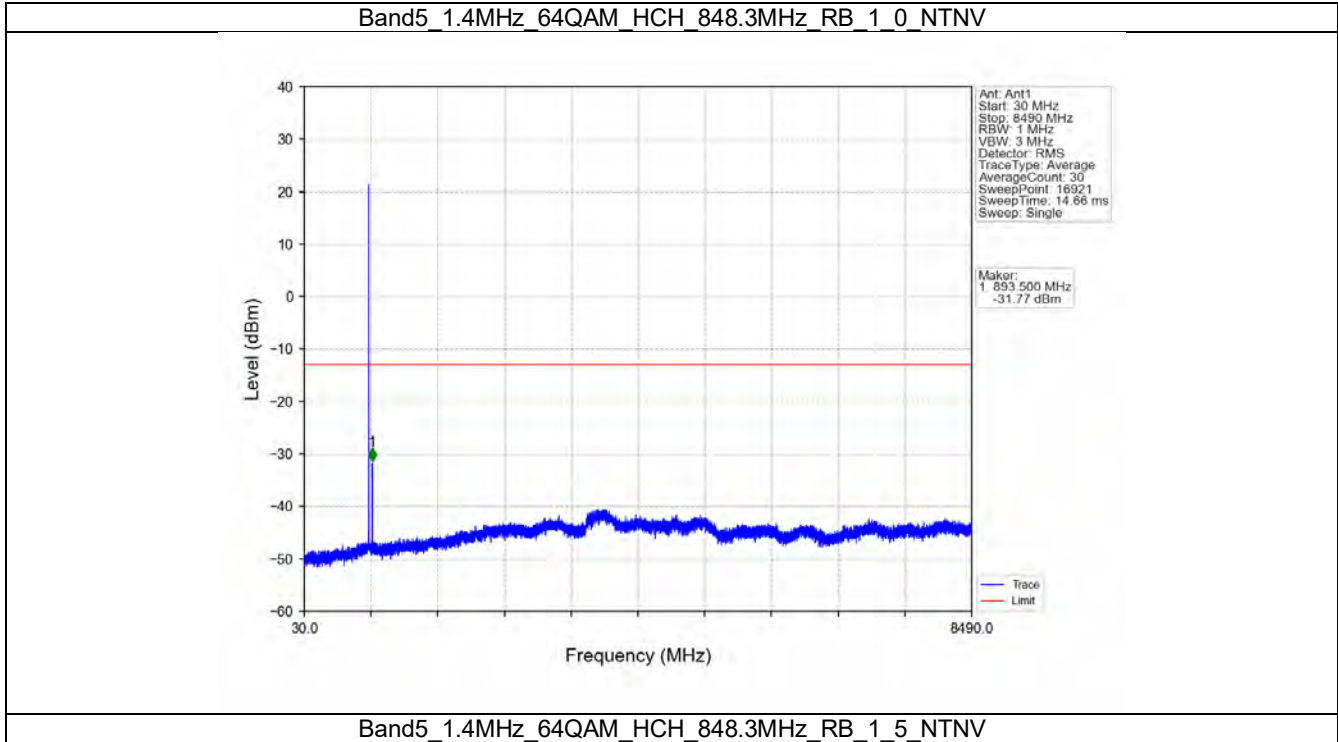


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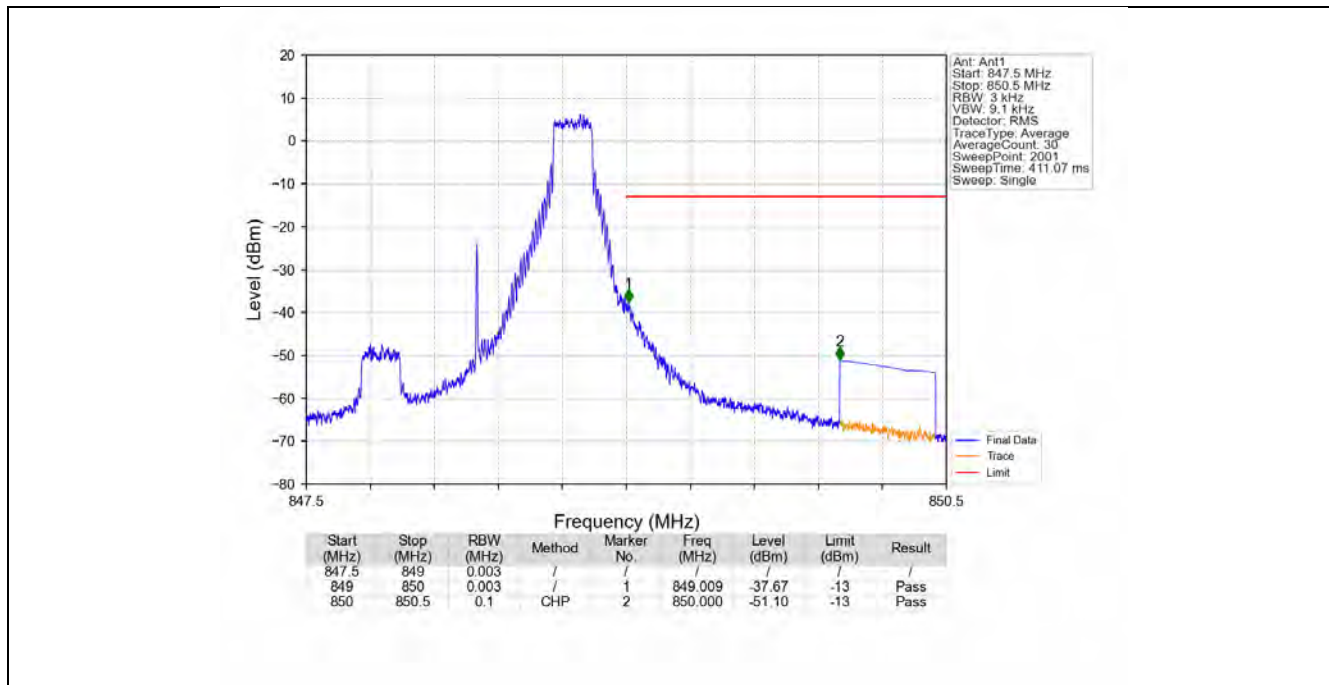
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 194 of 290



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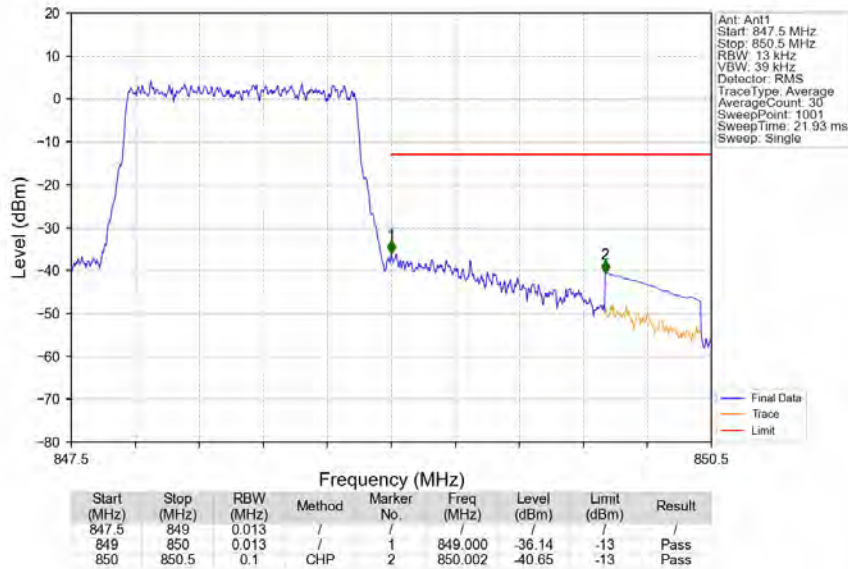
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Report No.: SZCR240100038408

Rev.: 01

Page: 195 of 290

Band5 1.4MHz 64QAM HCH 848.3MHz RB 6 0 NTV



Band5 1.4MHz 256QAM LCH 824.7MHz RB 1 0 NTV



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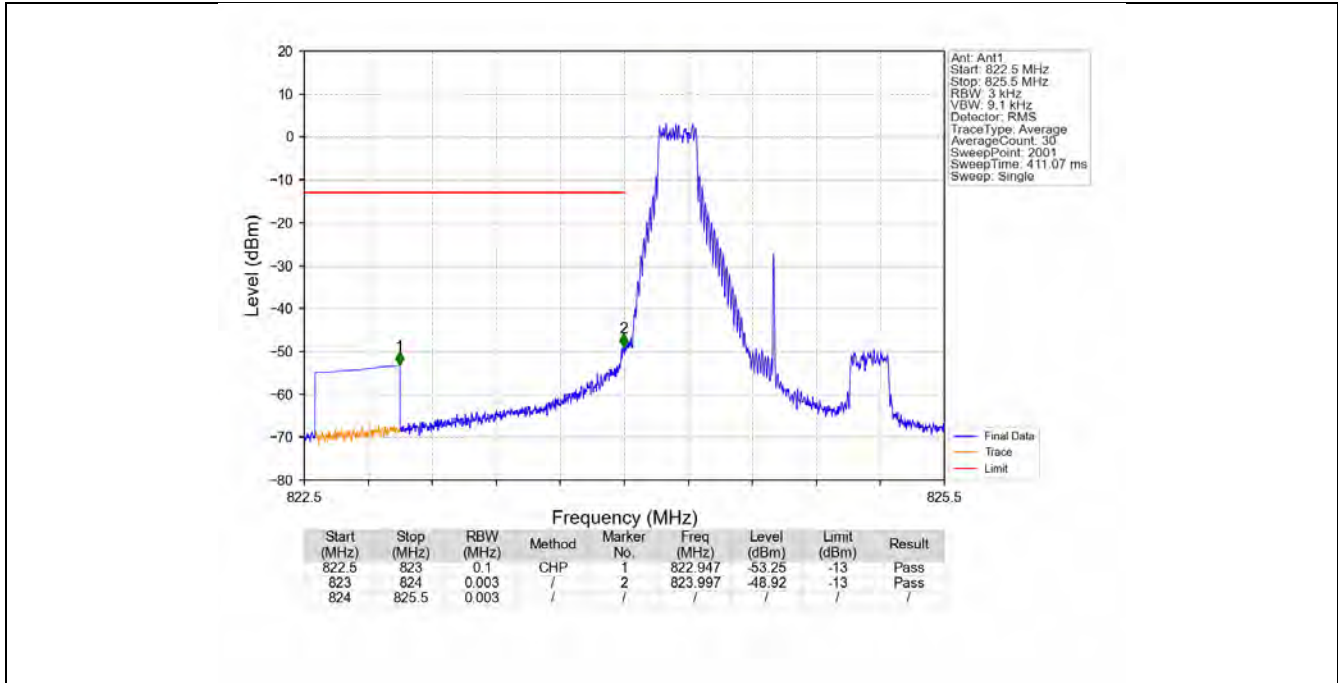


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Page: 196 of 290



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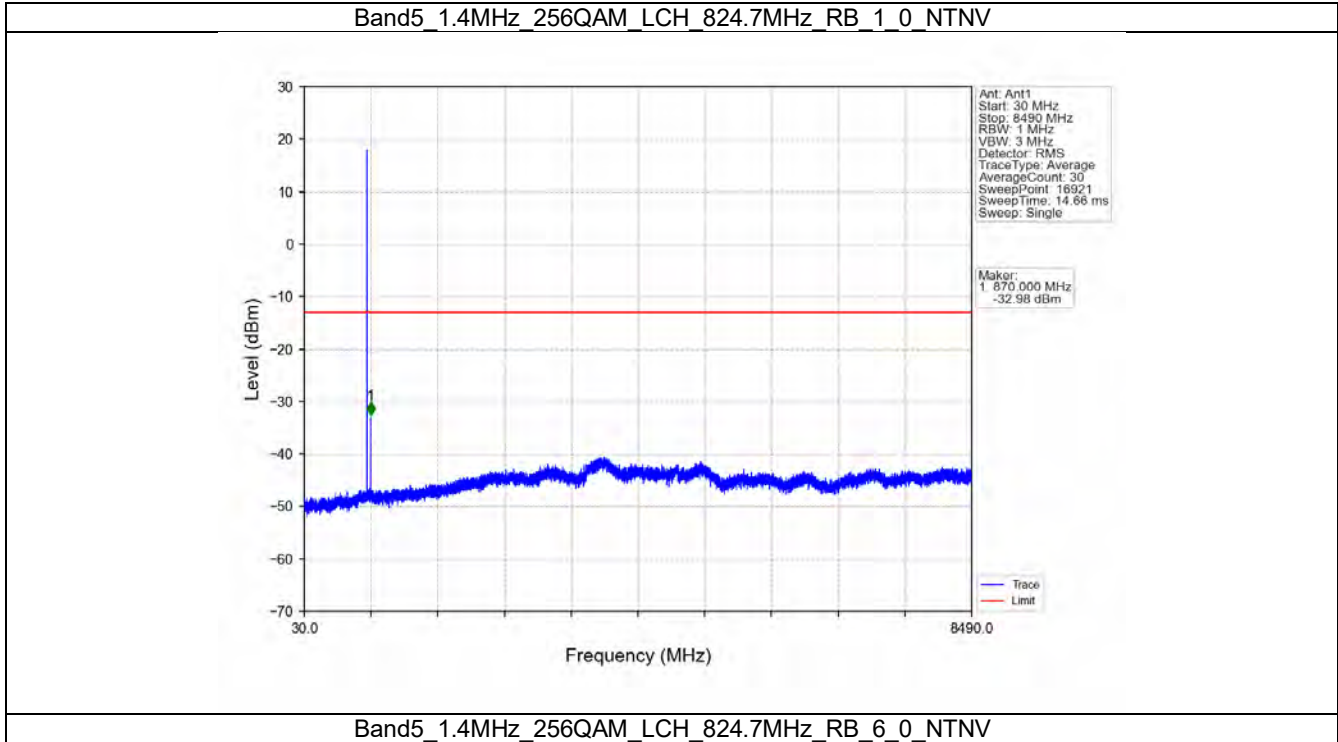


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Rev.: 01

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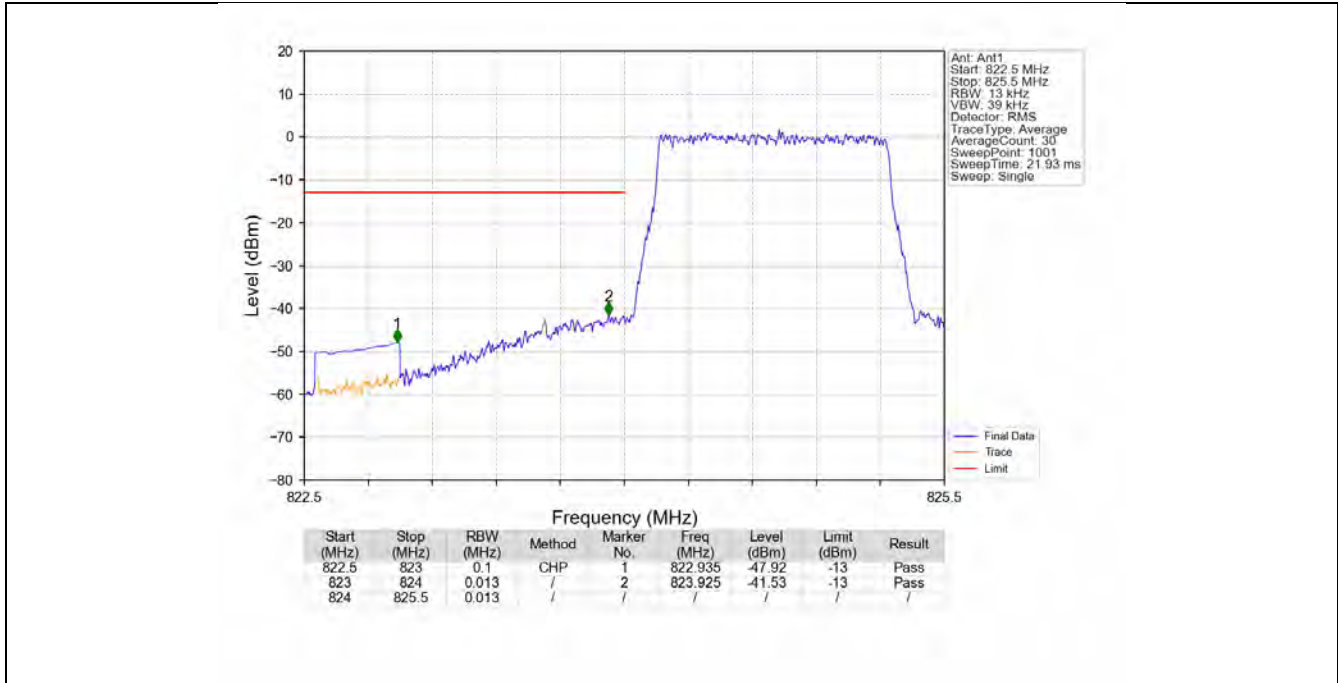


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Rev.: 01

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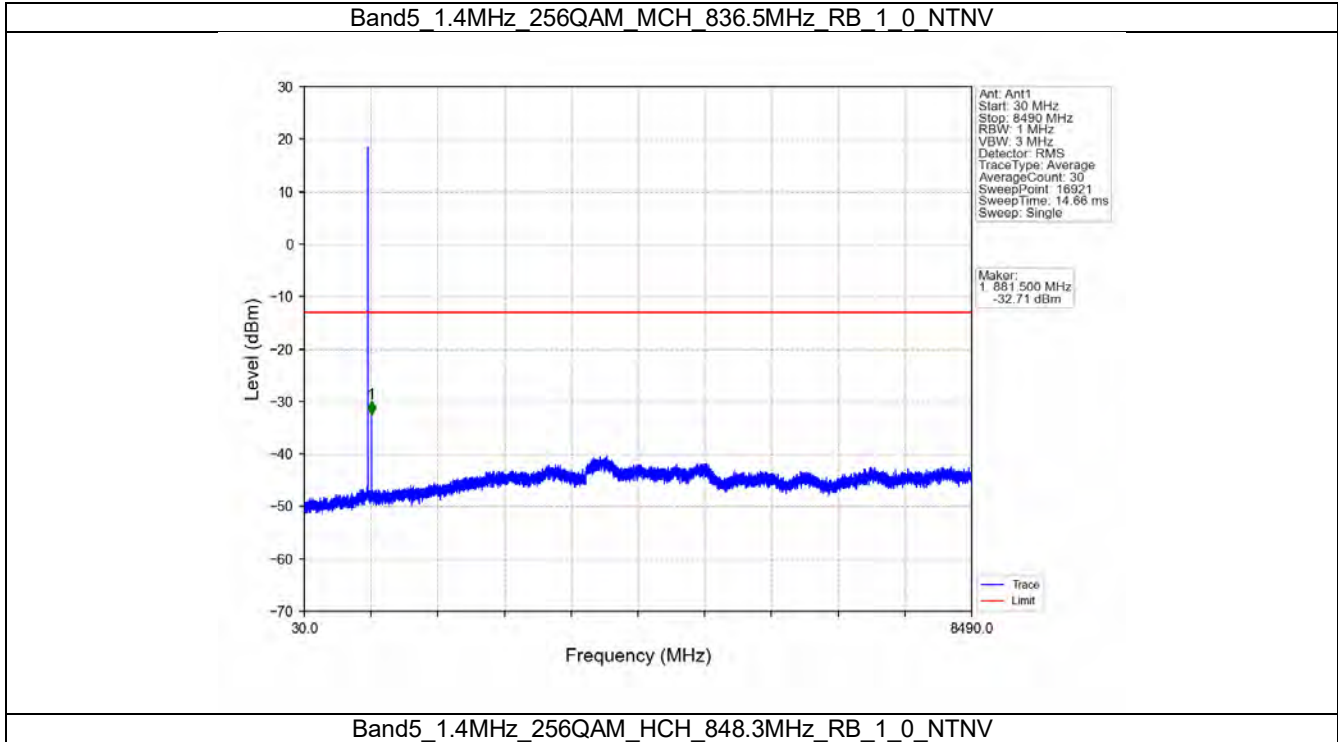


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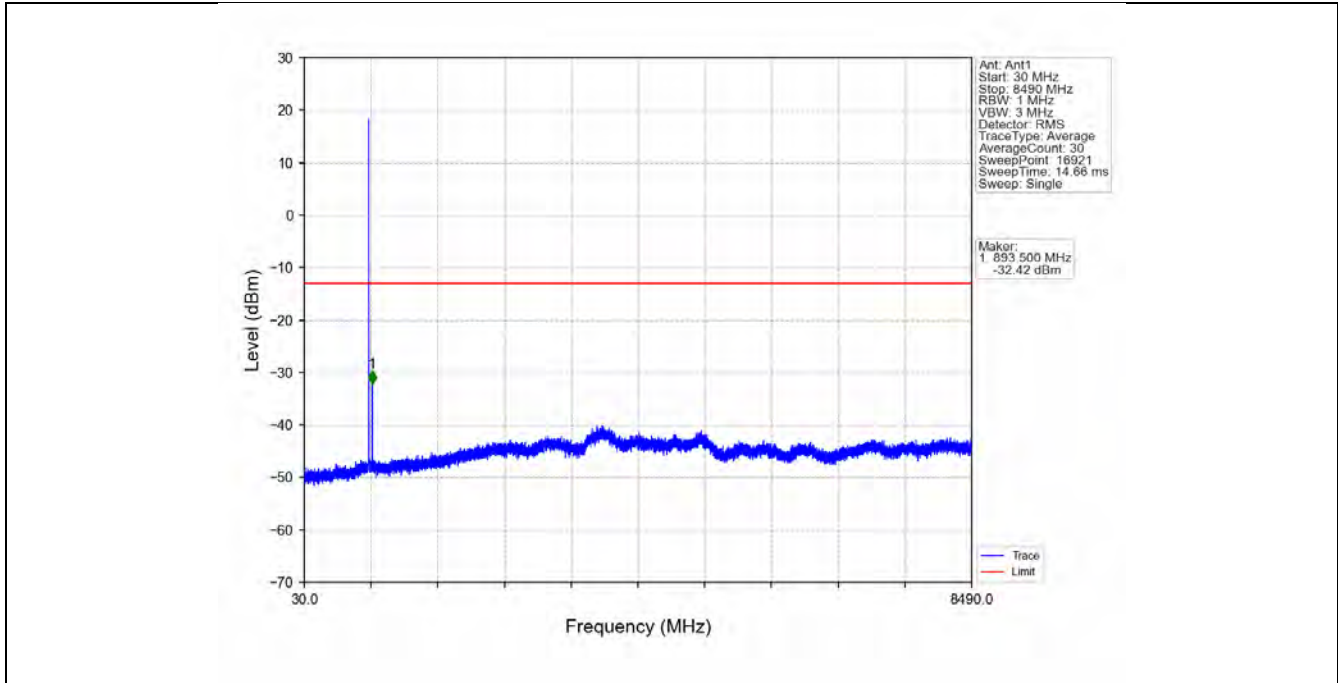


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Page: 200 of 290



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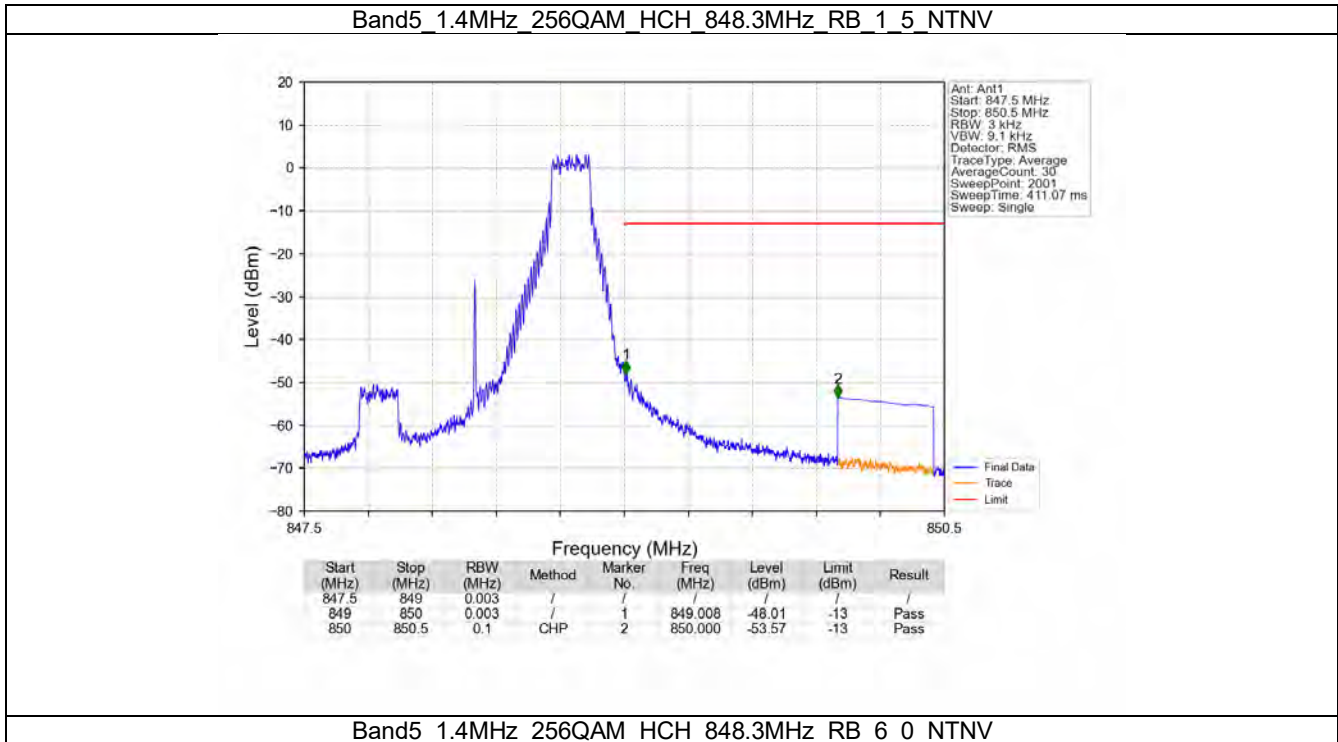


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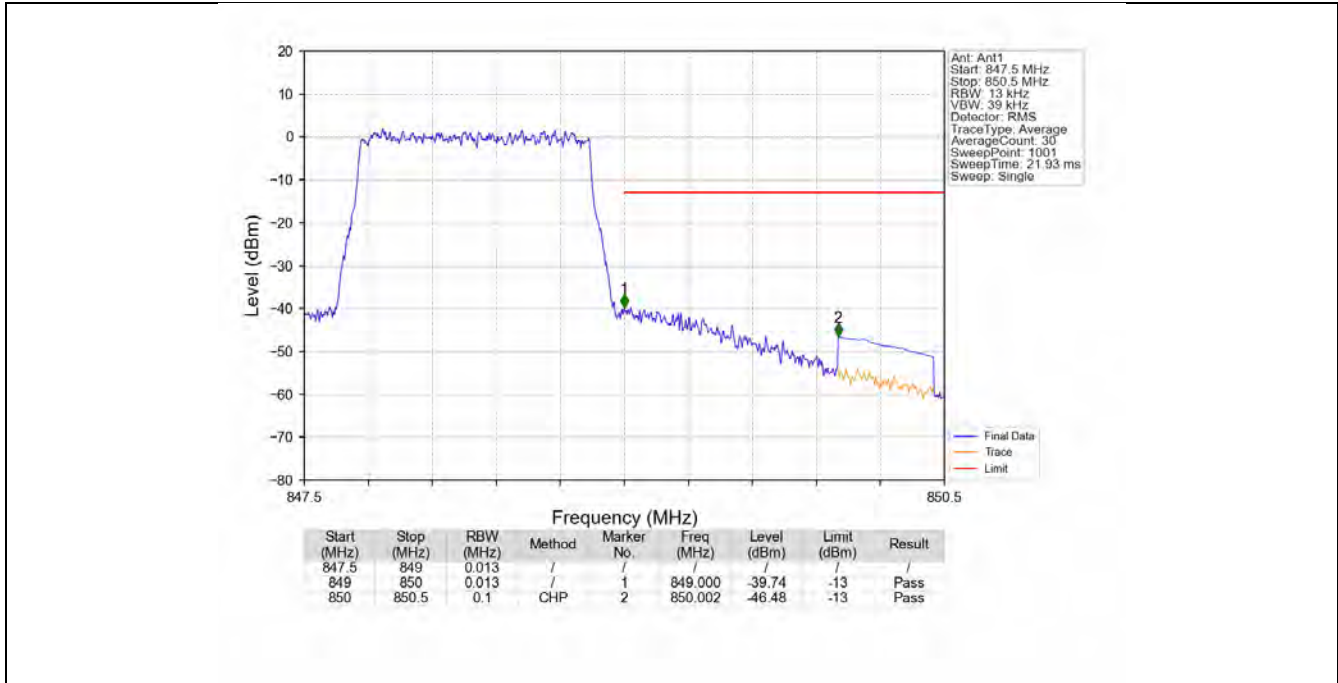


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Report No.: SZCR240100038408

Rev.: 01

Page: 203 of 290

## 5.2 B5\_3MHz

### 5.2.1 Test Result

Band: 5 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		847.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
16QAM	825.5	1	0	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		847.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
64QAM	825.5	1	0	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		847.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
256QAM	825.5	1	0	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		847.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass	
		15	0	Refer To Test Graph	Pass	



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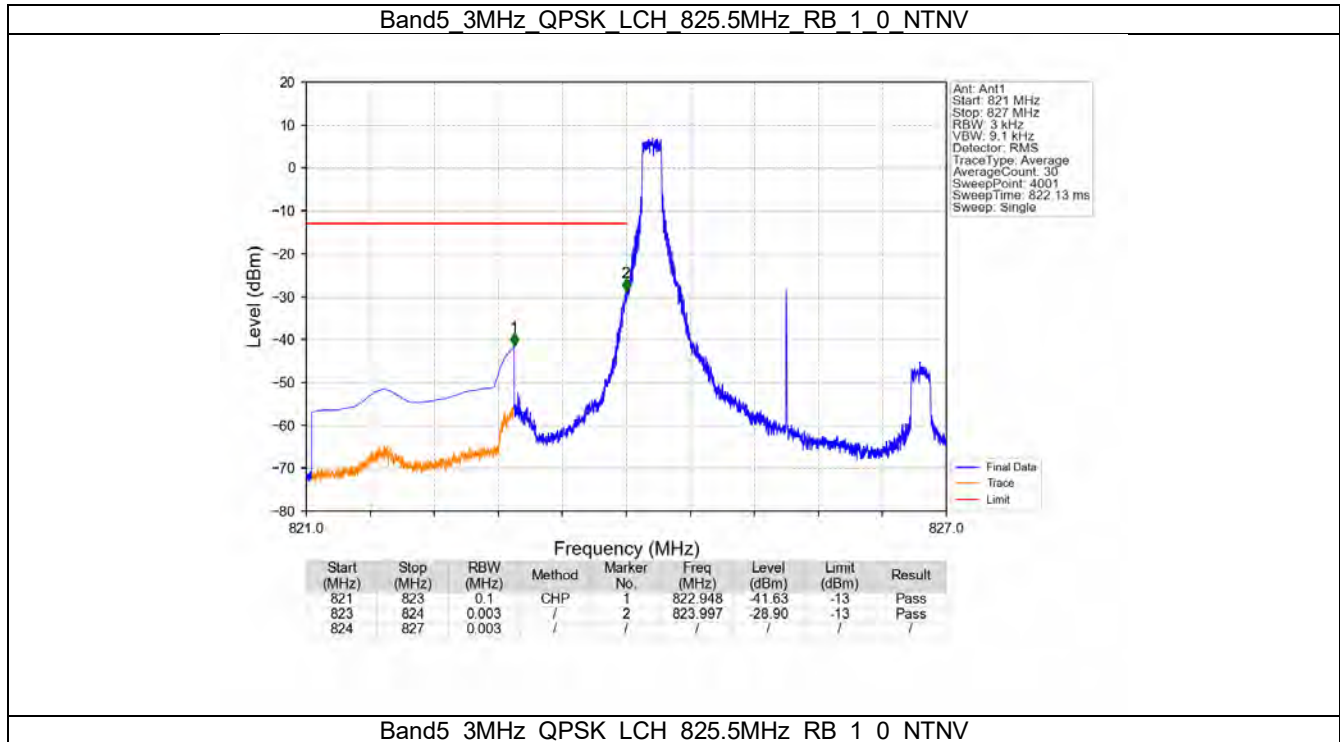
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5.2.2 Test Graph



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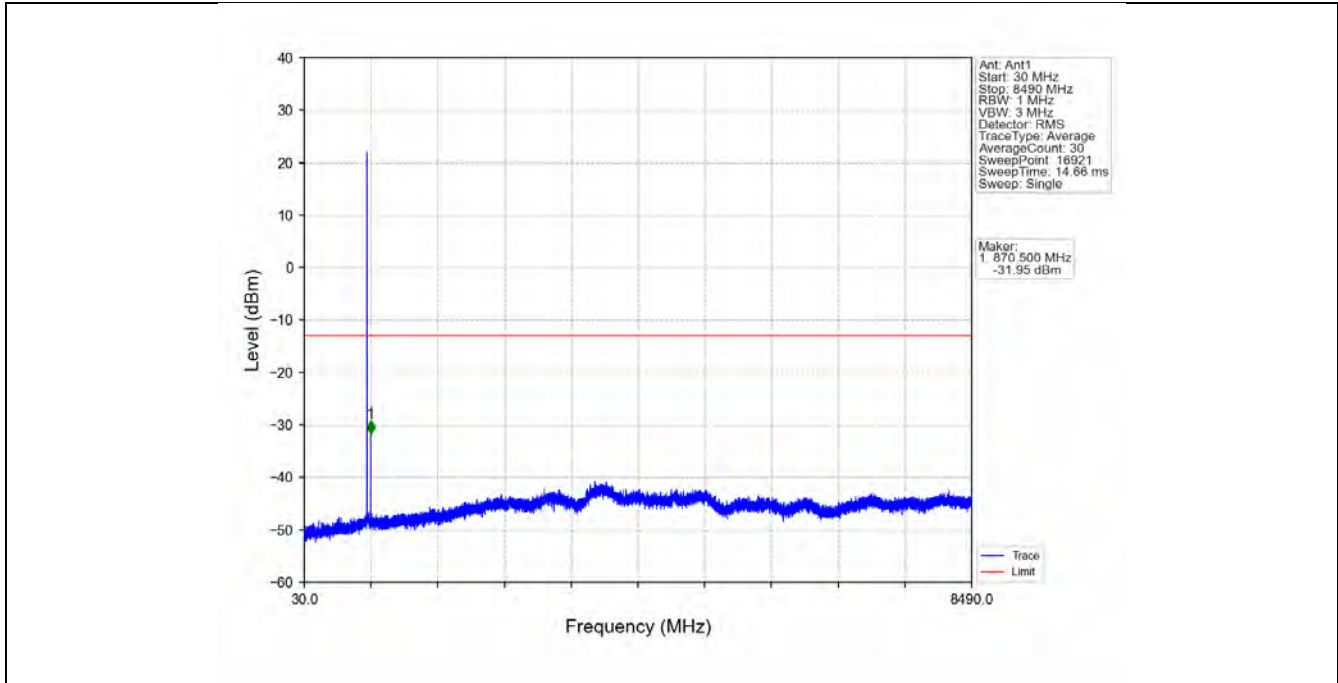


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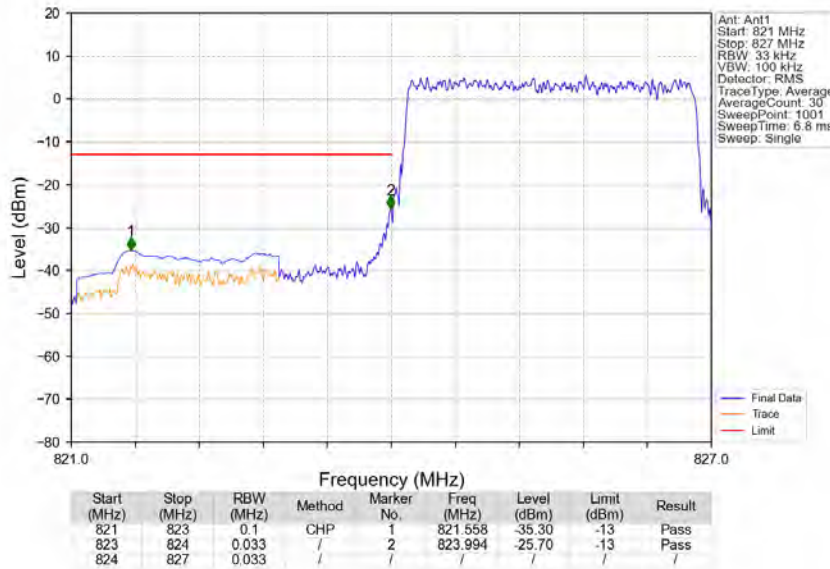
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Report No.: SZCR240100038408

Rev.: 01

Page: 206 of 290

Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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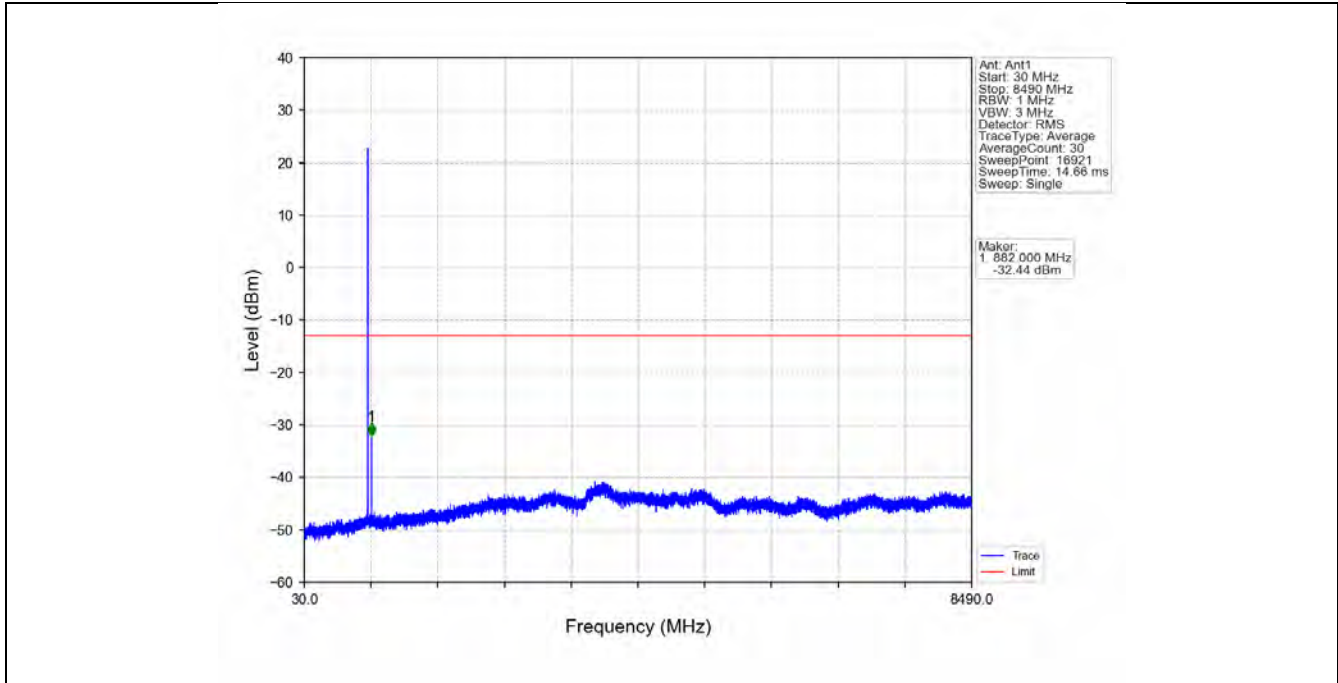


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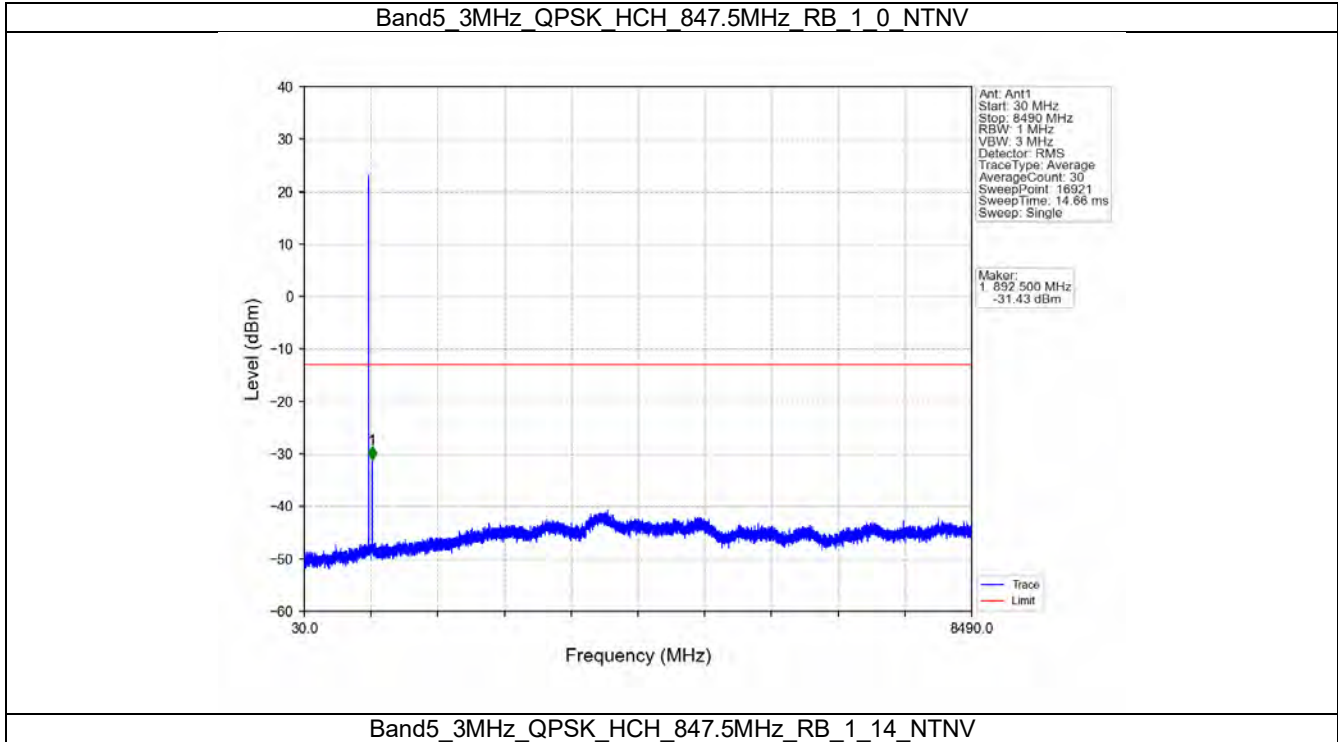


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Rev.: 01

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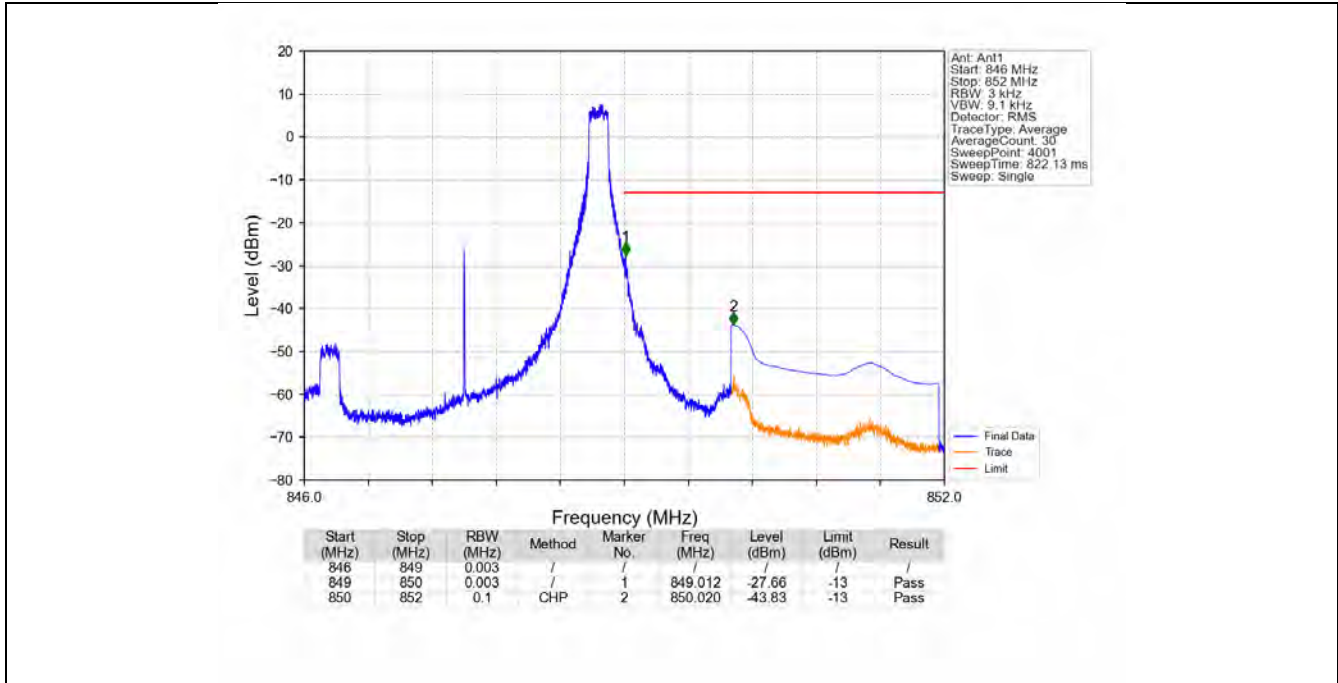


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Report No.: SZCR240100038408

Rev.: 01

Page: 209 of 290



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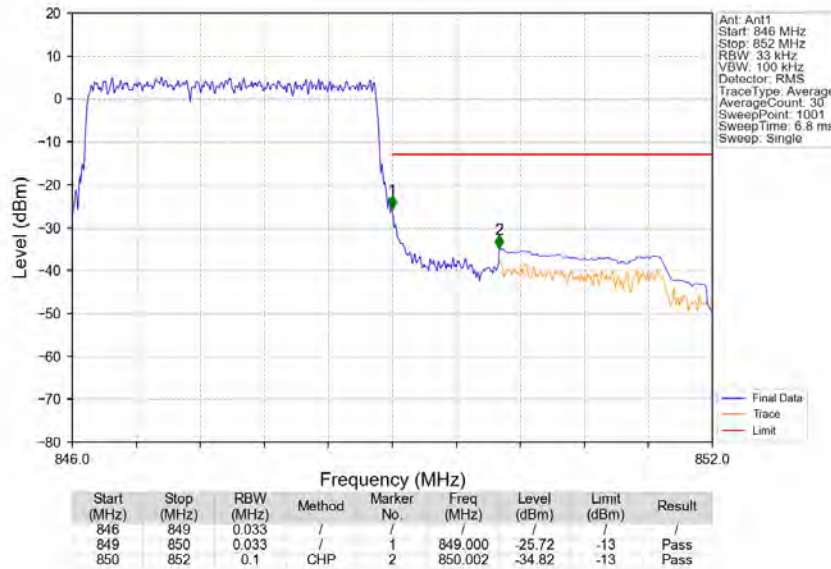
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Report No.: SZCR240100038408

Rev.: 01

Page: 210 of 290

Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



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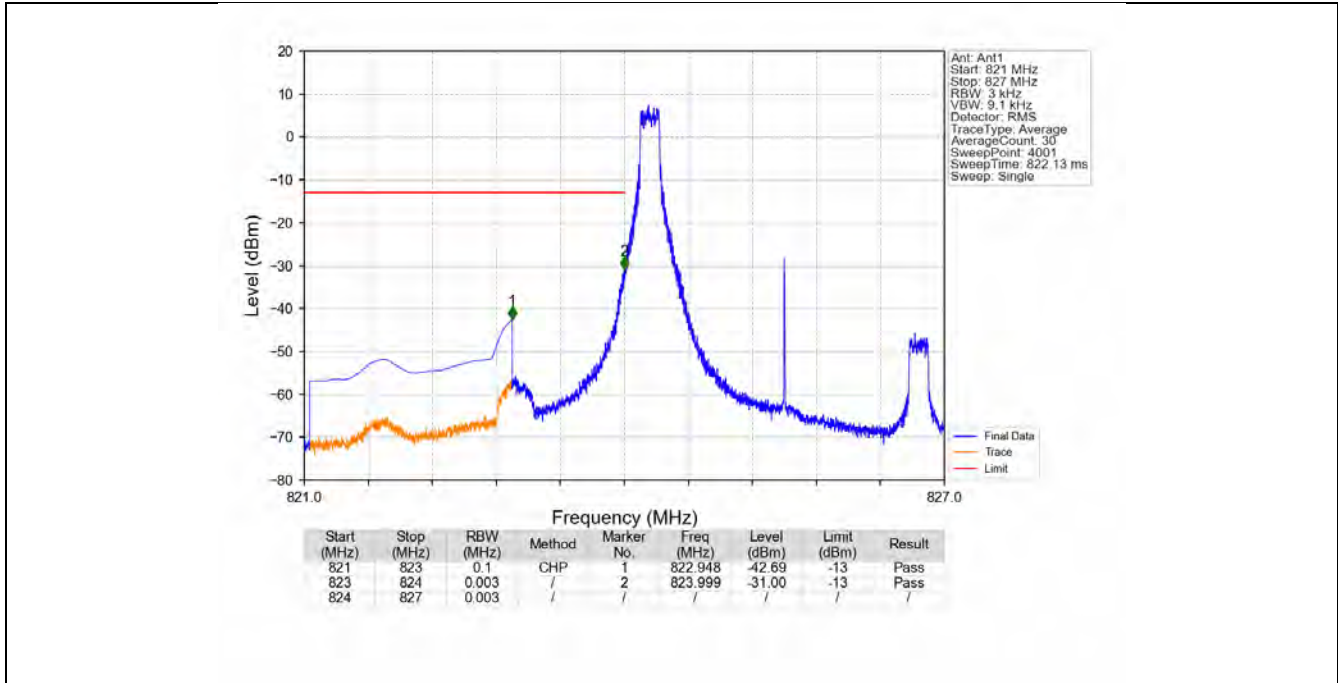


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Report No.: SZCR240100038408

Rev.: 01

Page: 211 of 290



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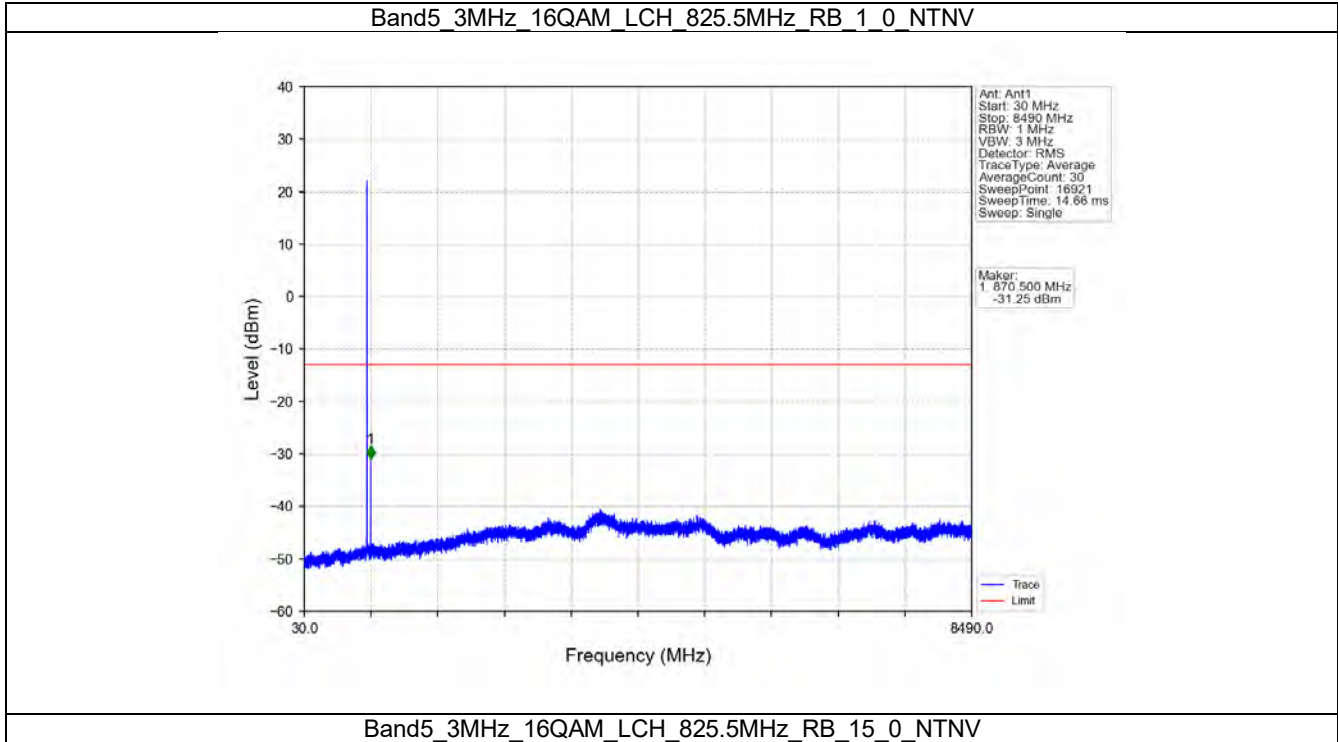


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Report No.: SZCR240100038408

Rev.: 01

Page: 212 of 290



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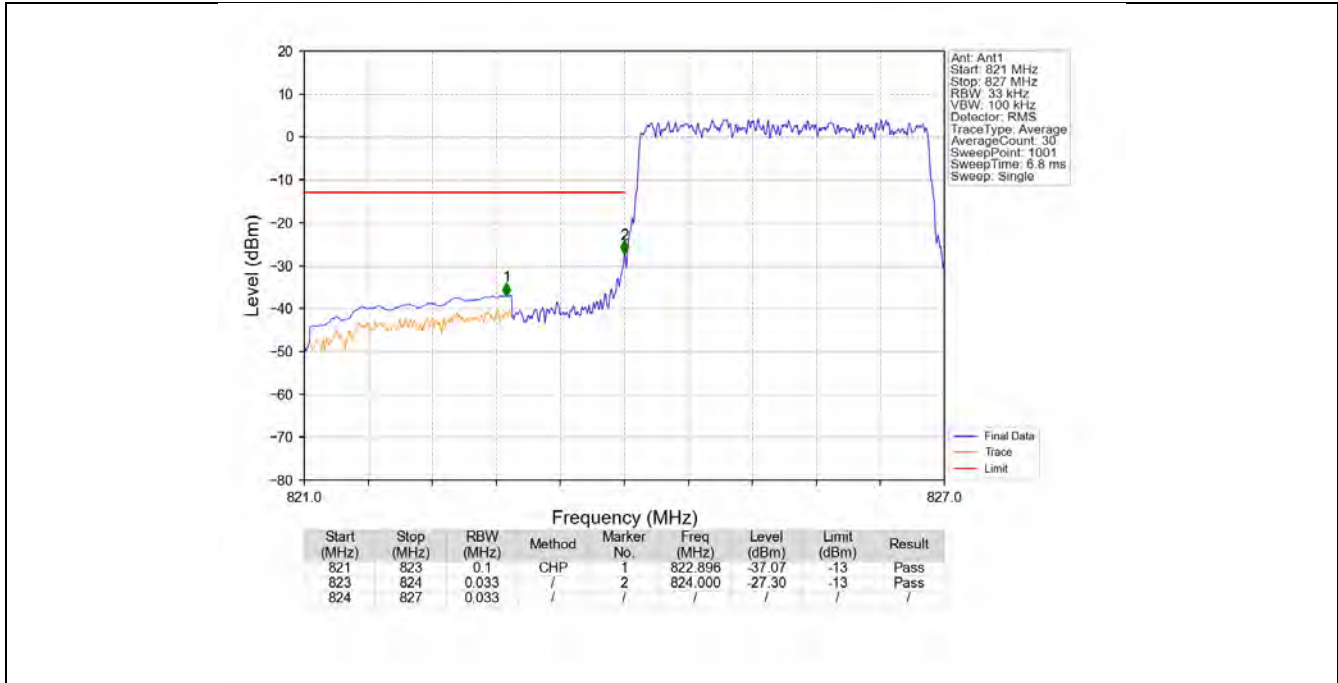


**SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 213 of 290



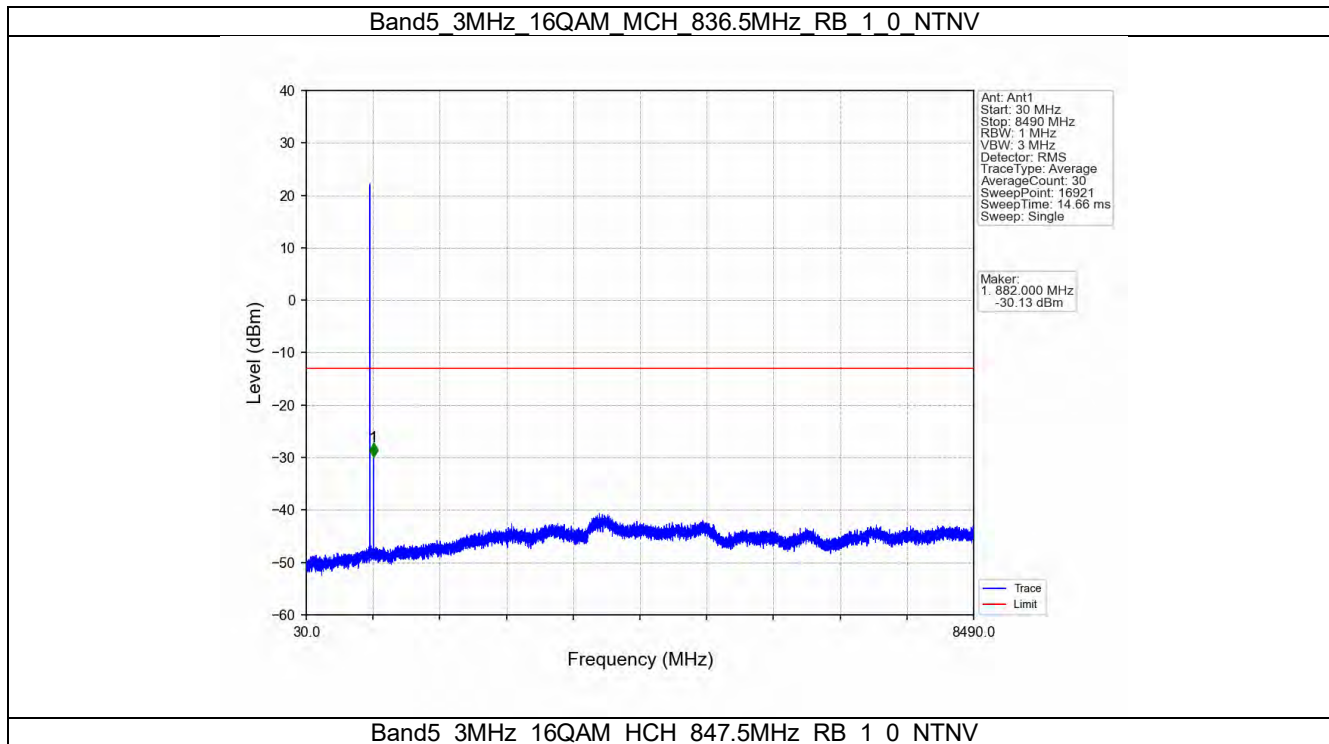
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 214 of 290



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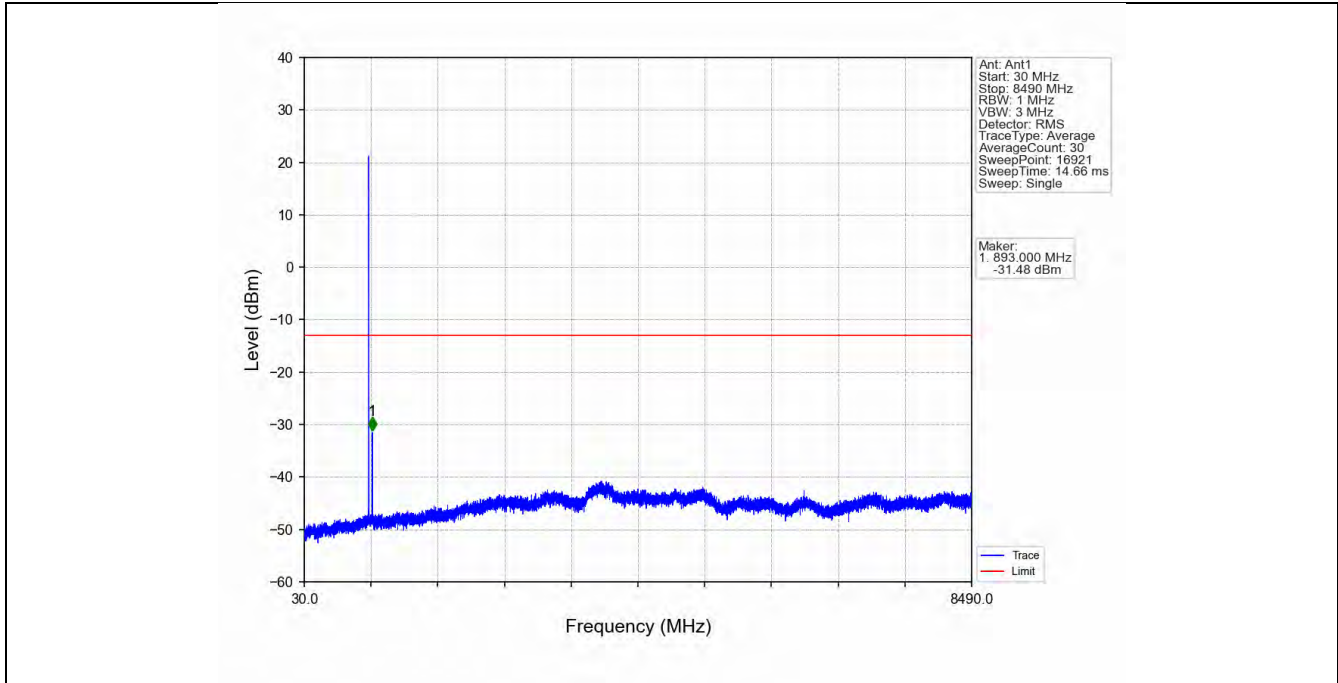


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Report No.: SZCR240100038408

Rev.: 01

Page: 215 of 290



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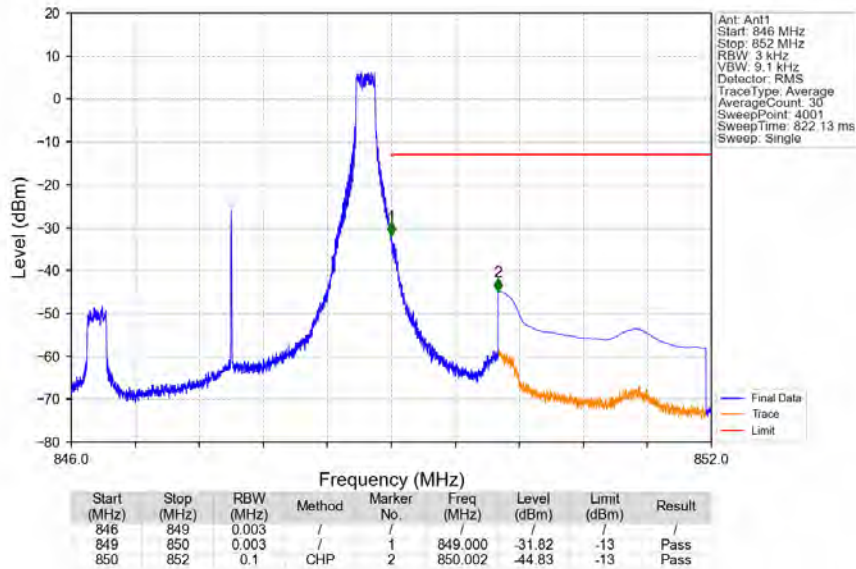
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Report No.: SZCR240100038408

Rev.: 01

Page: 216 of 290

Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_1\_14\_NTNV



Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



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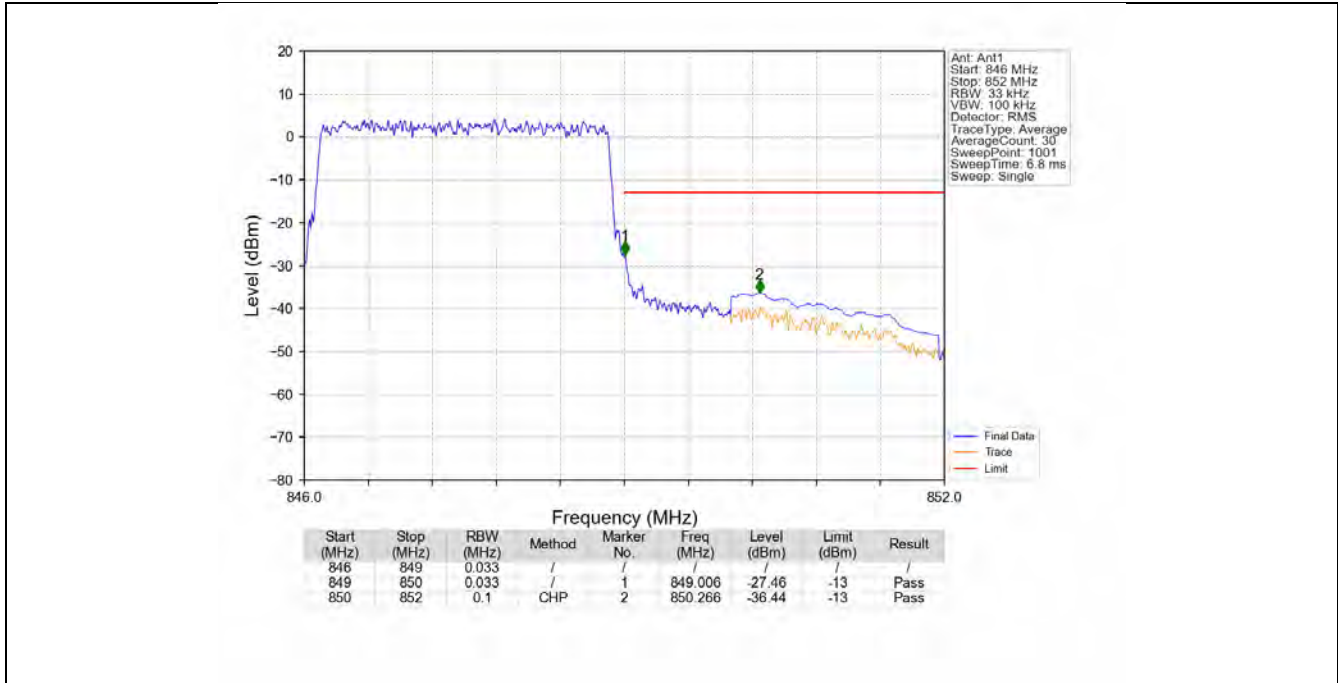


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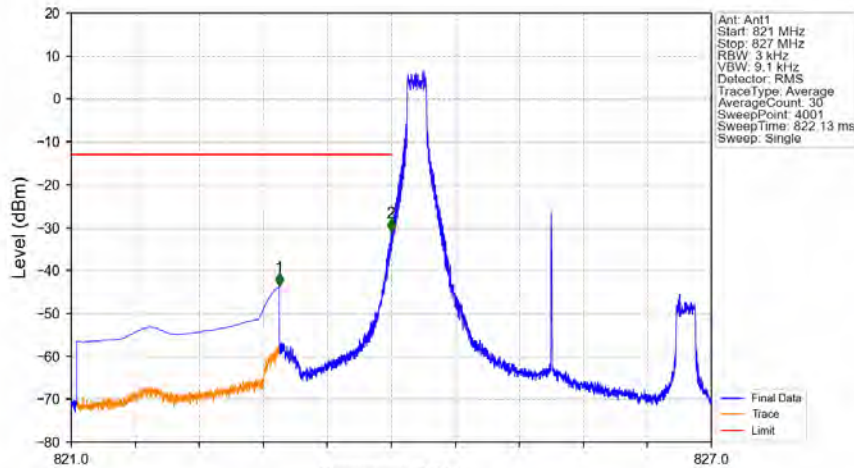
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Report No.: SZCR240100038408

Rev.: 01

Page: 218 of 290

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	-43.73	-13	Pass
823	824	0.003	/	2	823.997	-31.01	-13	Pass
824	827	0.003	/	/	/	/	/	/

Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



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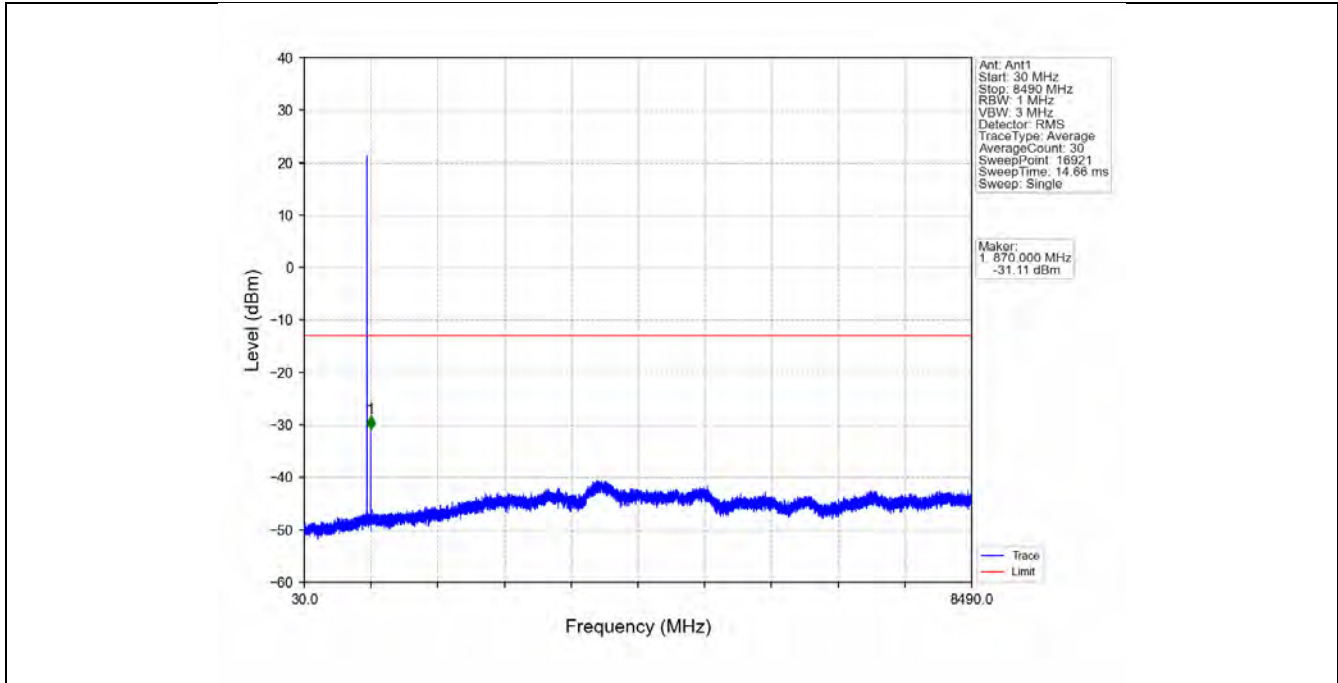


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Report No.: SZCR240100038408

Rev.: 01

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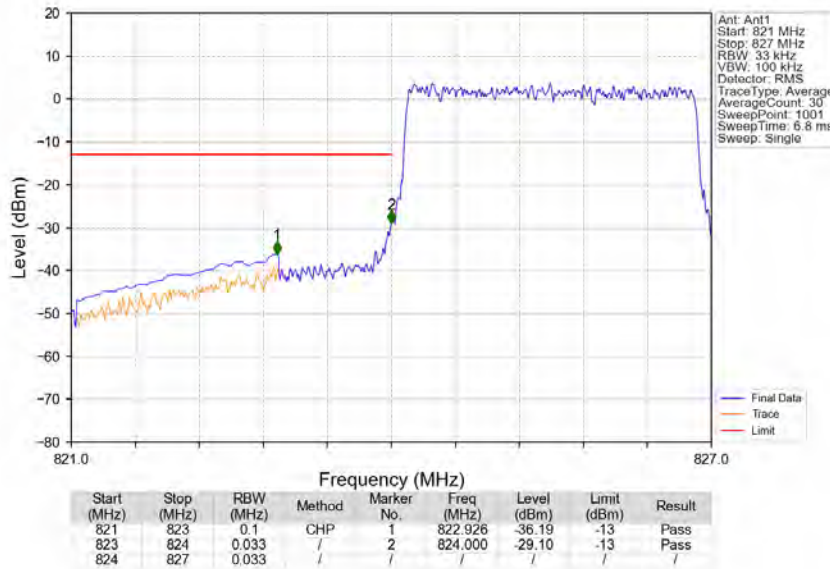
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Report No.: SZCR240100038408

Rev.: 01

Page: 220 of 290

Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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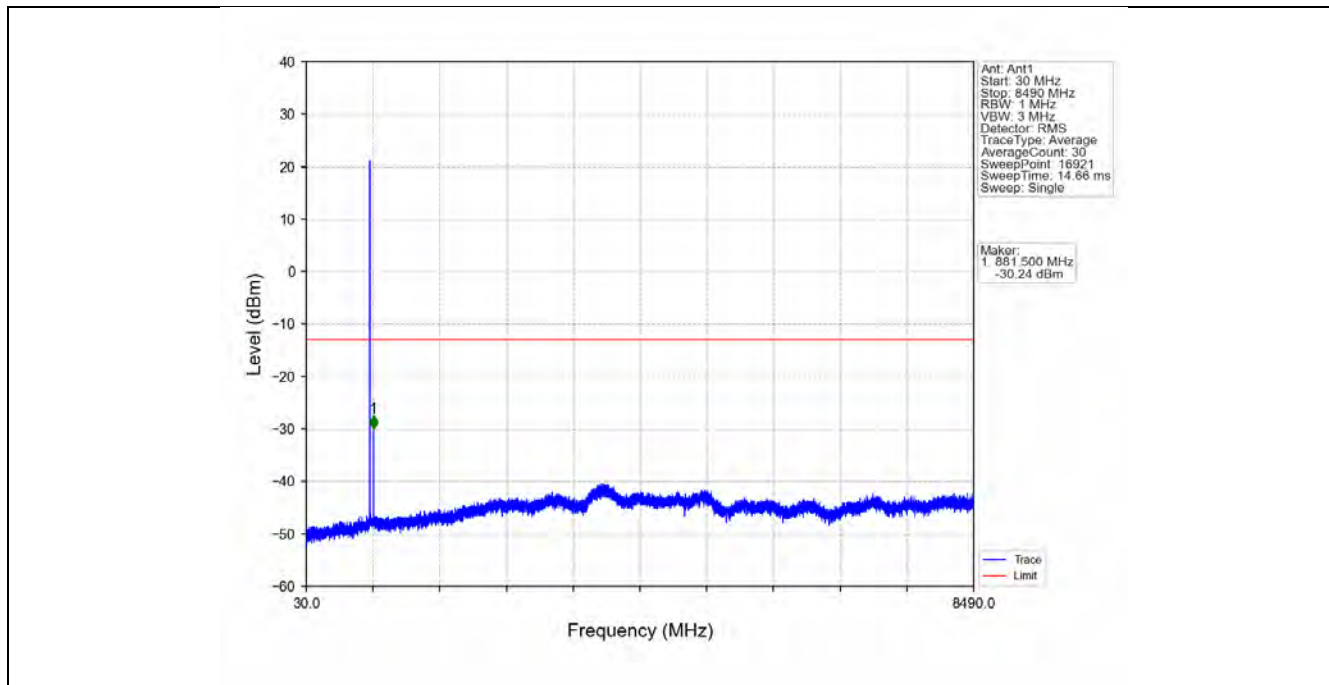
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 Rev.: 01  
 Page: 221 of 290



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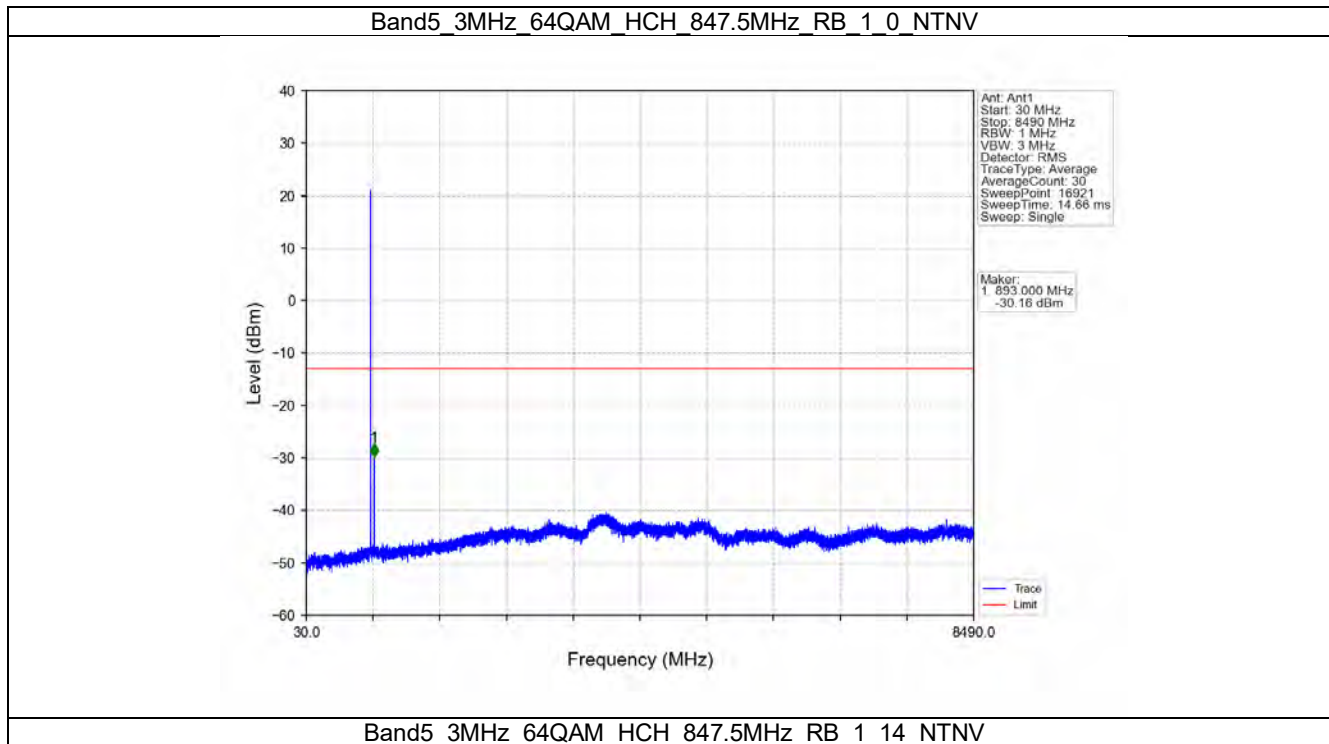
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Rev.: 01  
Page: 222 of 290



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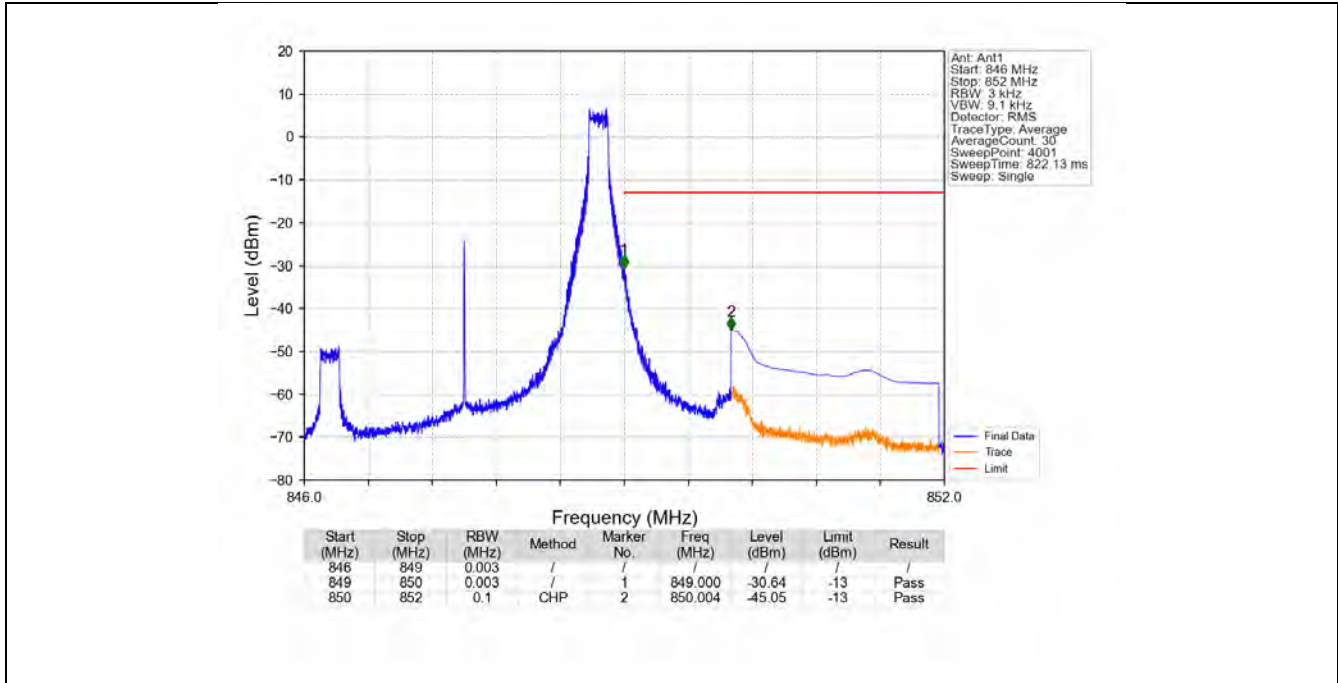


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Report No.: SZCR240100038408

Rev.: 01

Page: 223 of 290



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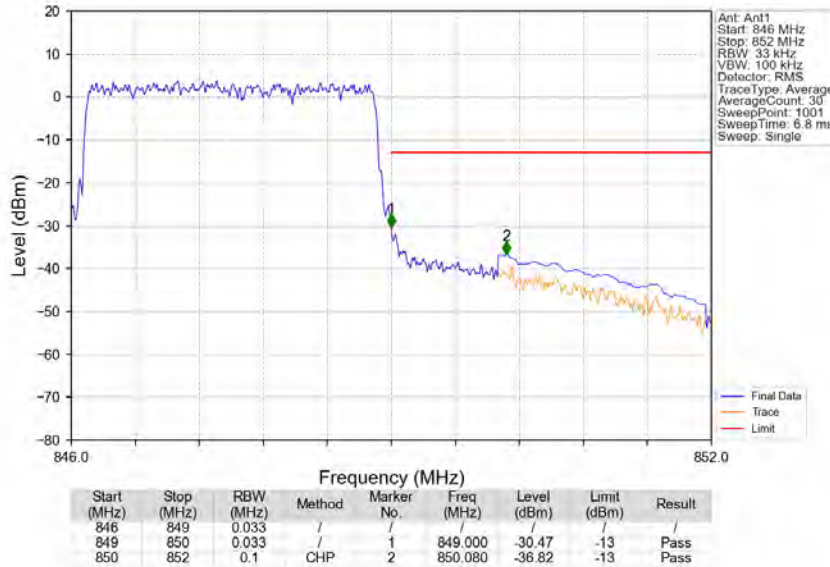
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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 224 of 290

Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_256QAM\_LCH\_825.5MHz\_RB\_1\_0\_NTNV



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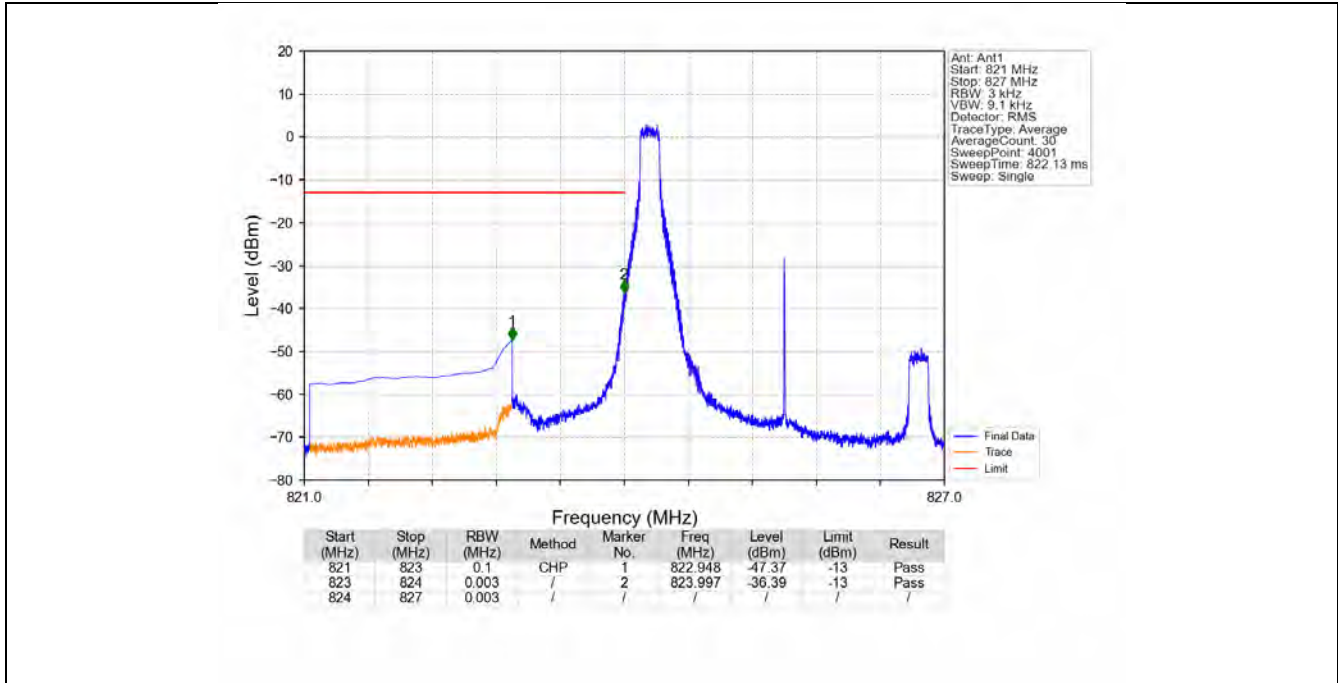


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Report No.: SZCR240100038408

Rev.: 01

Page: 225 of 290



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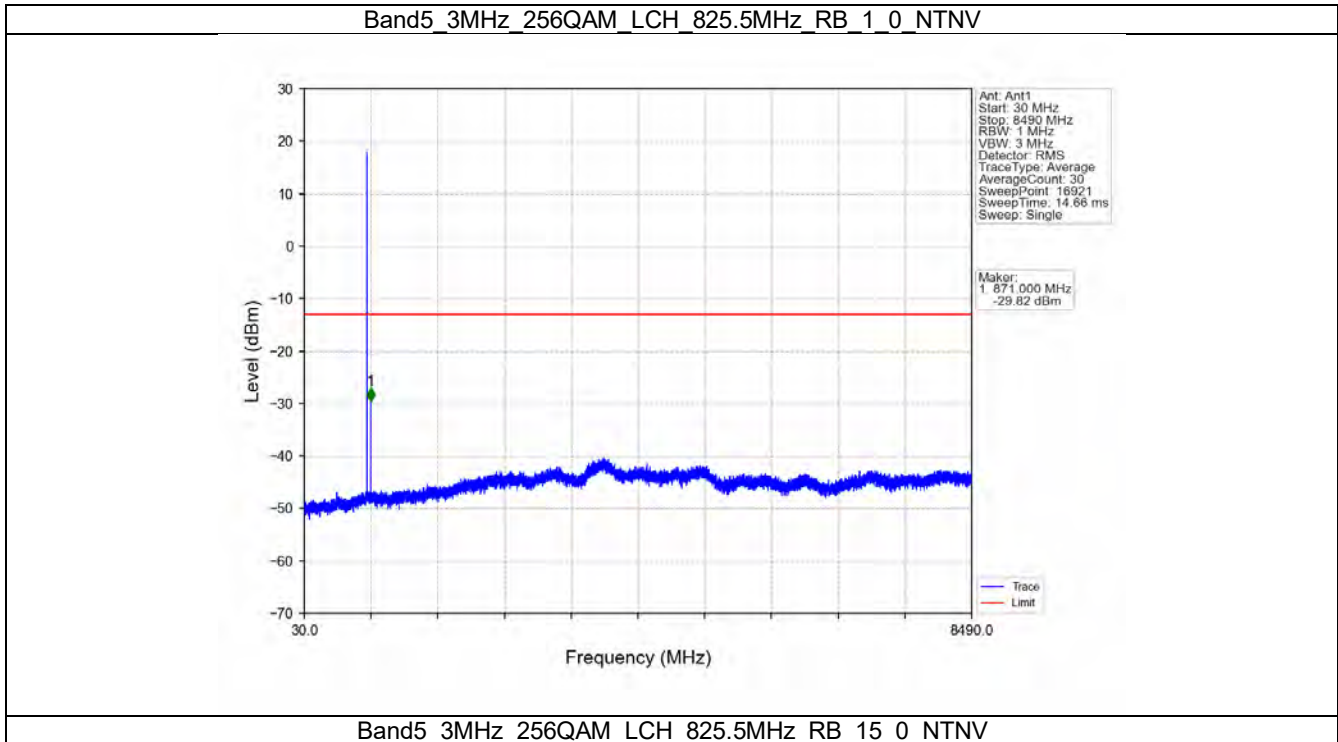


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Report No.: SZCR240100038408

Rev.: 01

Page: 226 of 290



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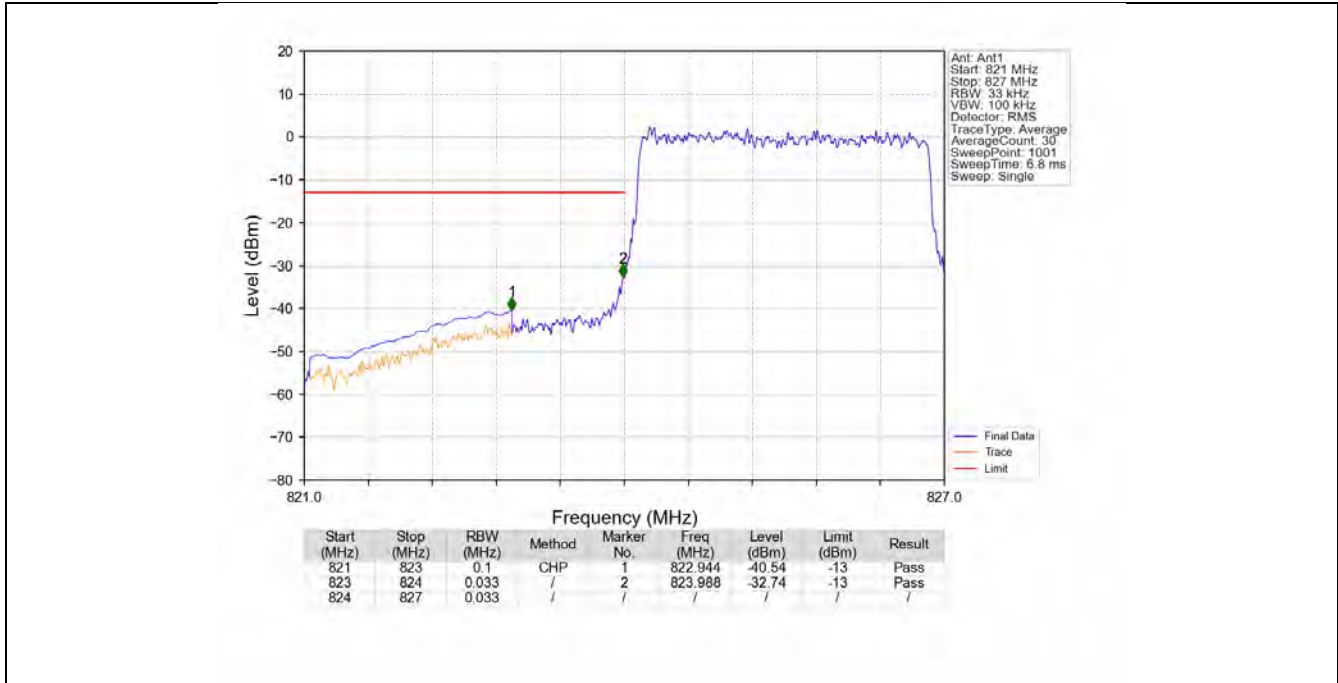


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Report No.: SZCR240100038408

Rev.: 01

Page: 227 of 290



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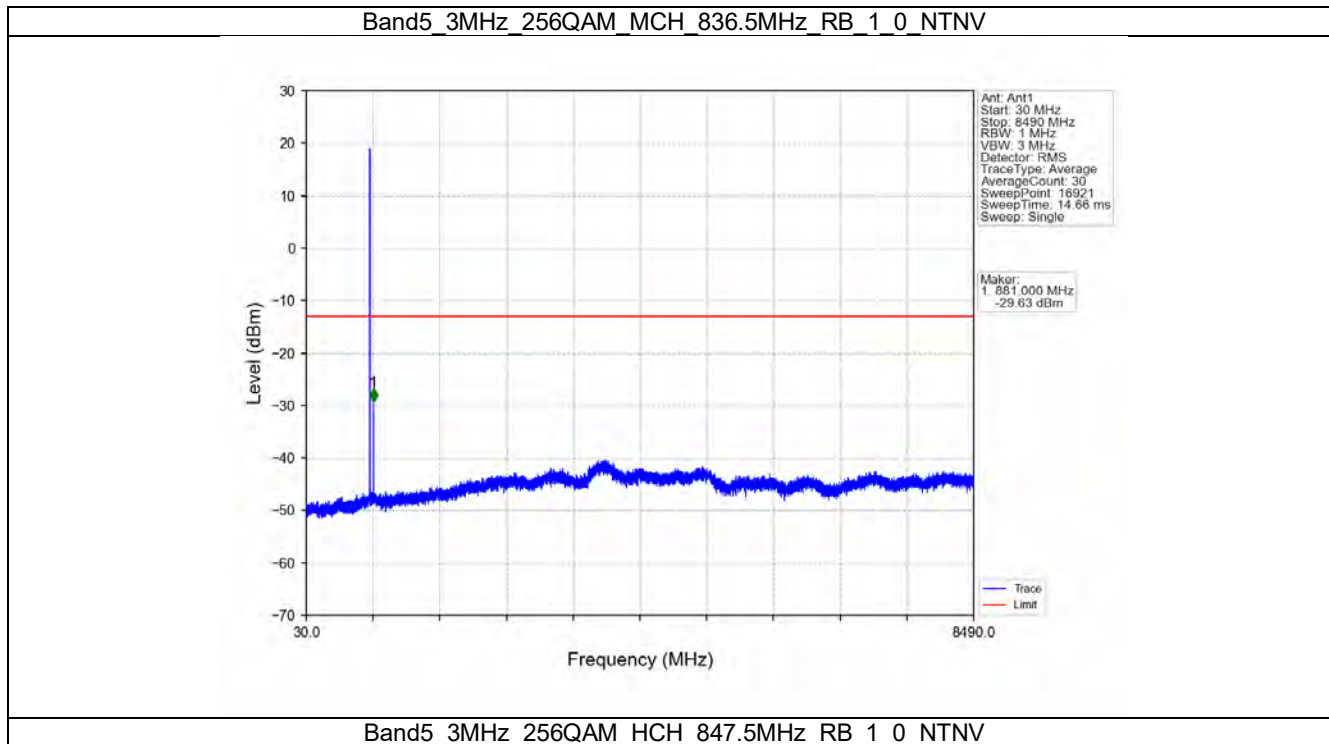
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 228 of 290



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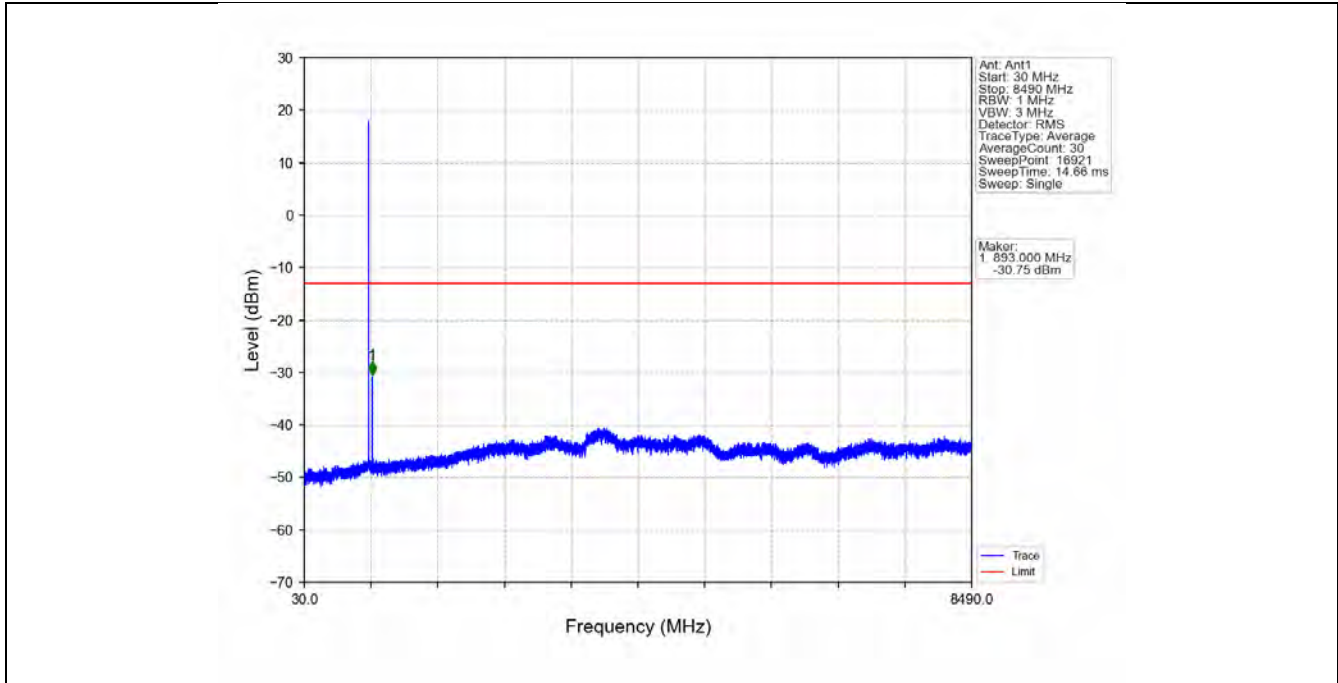


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Rev.: 01

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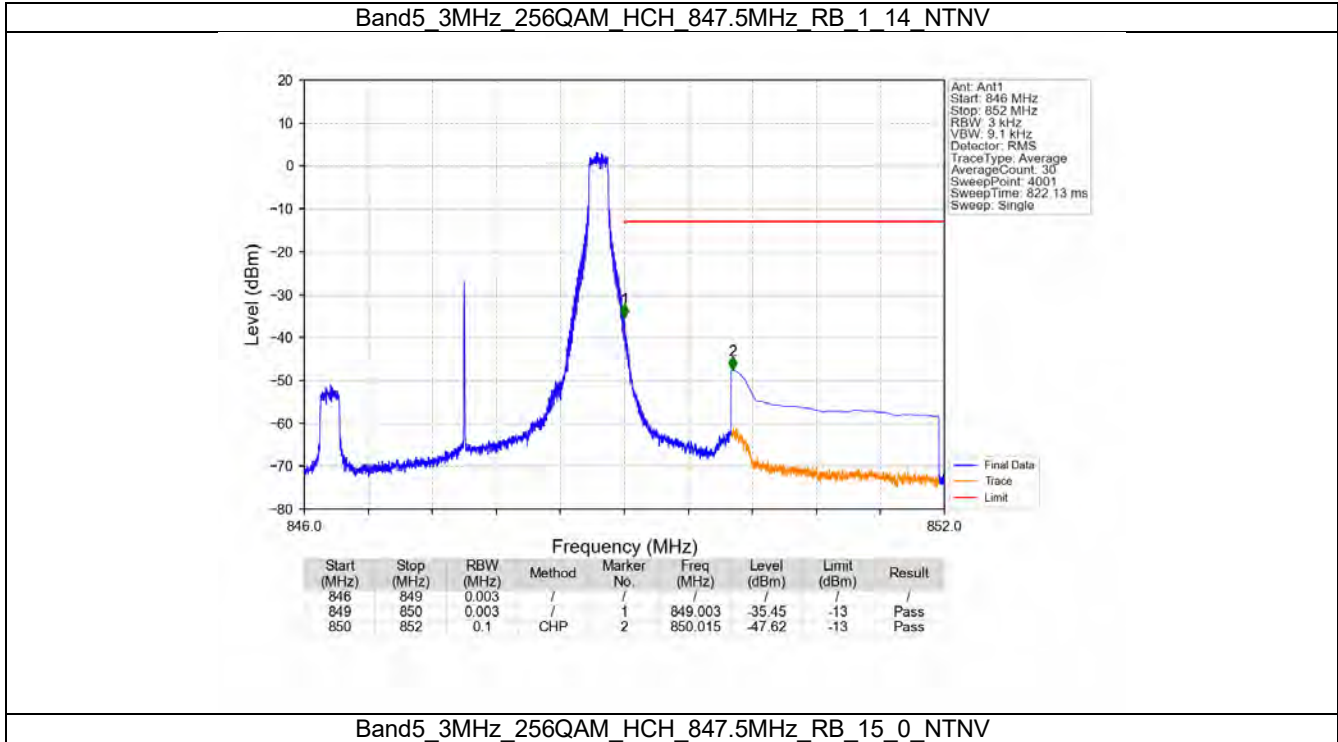


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Report No.: SZCR240100038408

Rev.: 01

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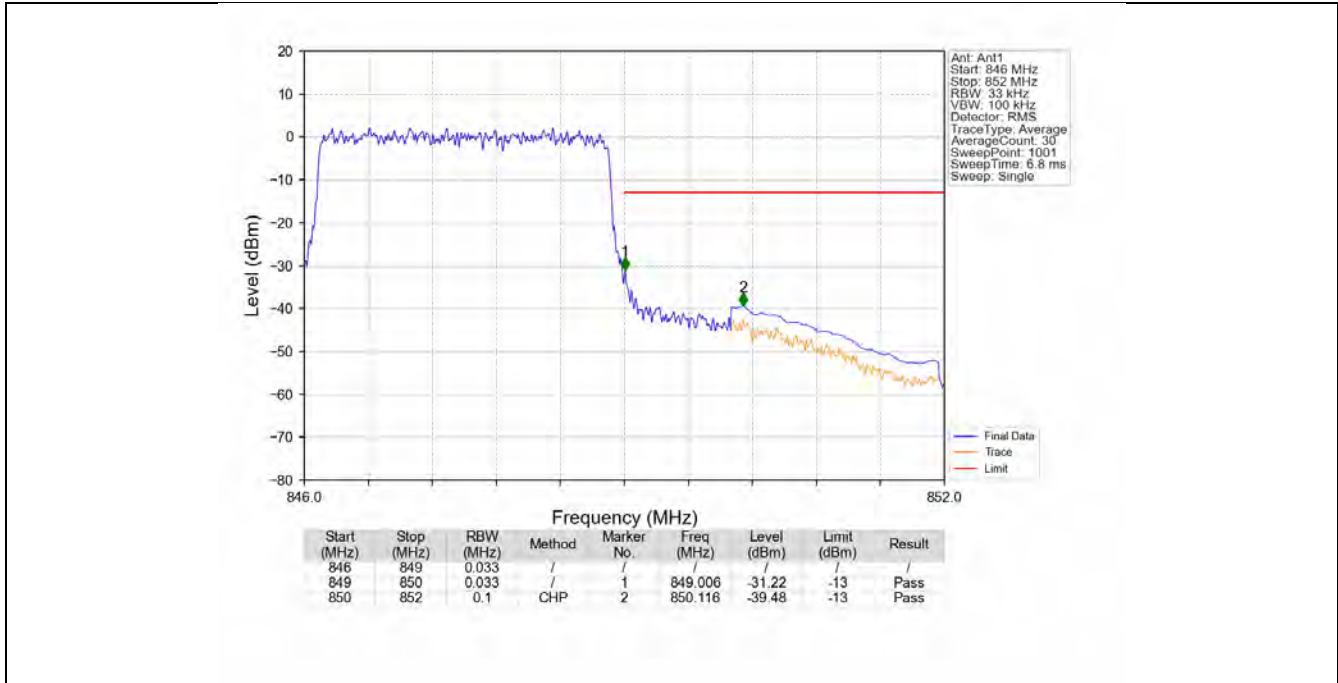


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Rev.: 01

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Report No.: SZCR240100038408

Rev.: 01

Page: 232 of 290

## 5.3 B5\_5MHz

### 5.3.1 Test Result

Band: 5 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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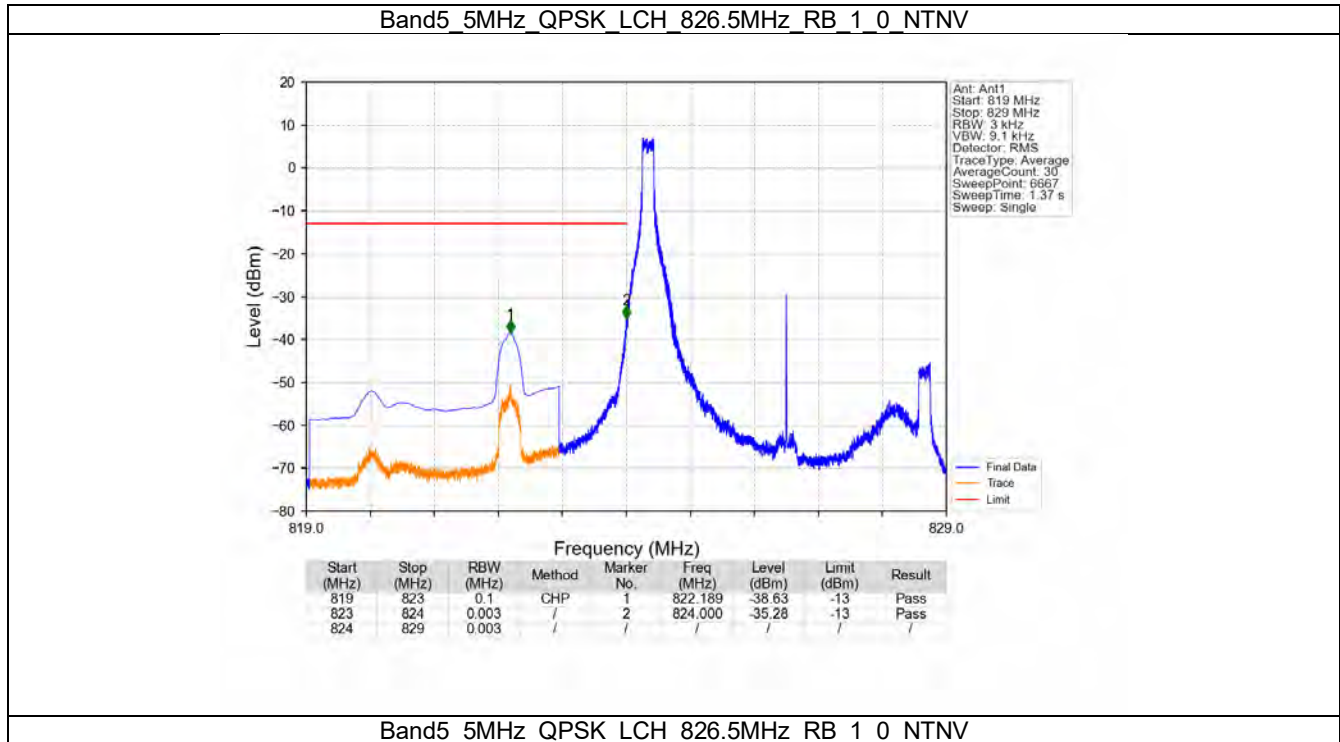
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Rev.: 01

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5.3.2 Test Graph



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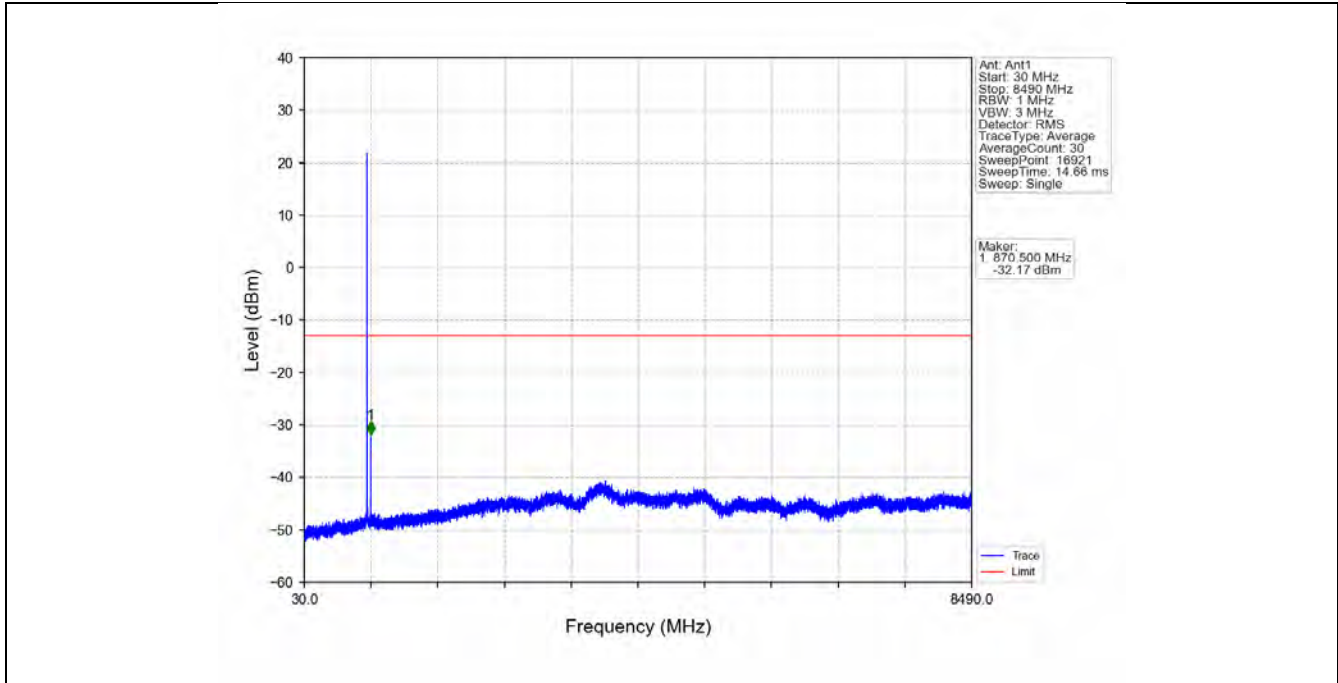


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Report No.: SZCR240100038408

Rev.: 01

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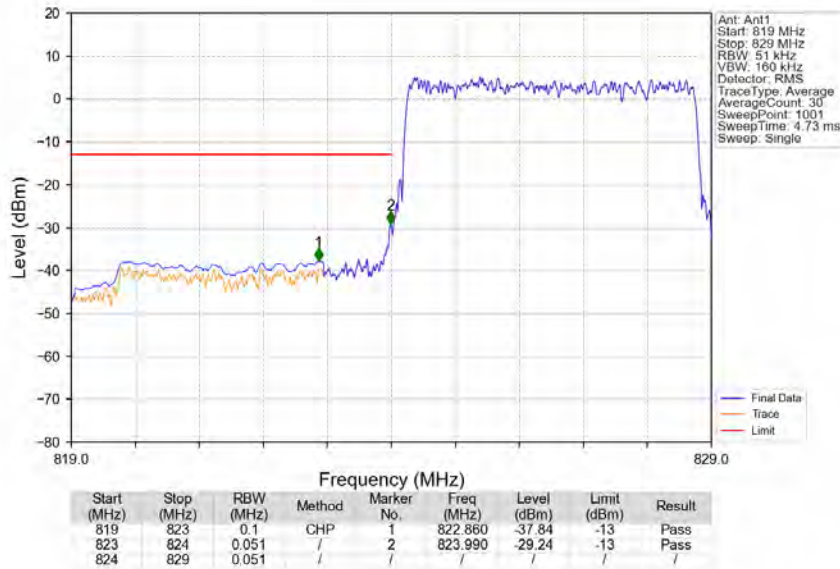
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Report No.: SZCR240100038408

Rev.: 01

Page: 235 of 290

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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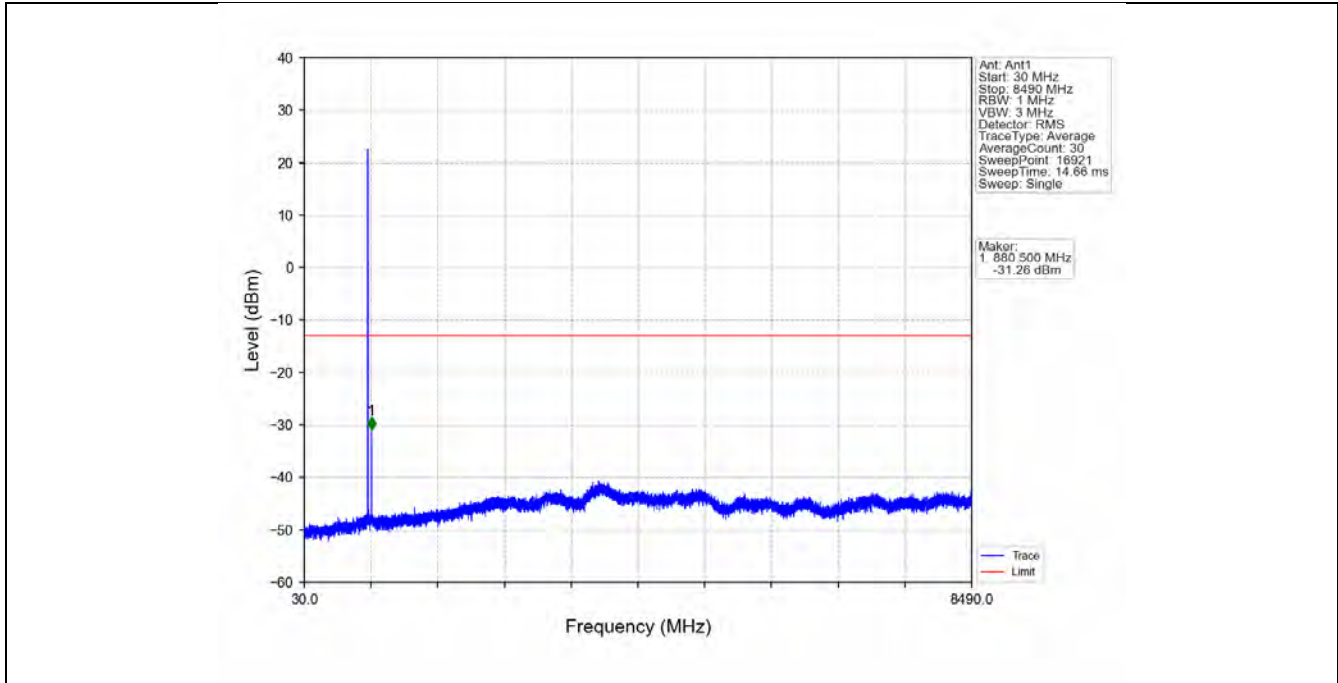


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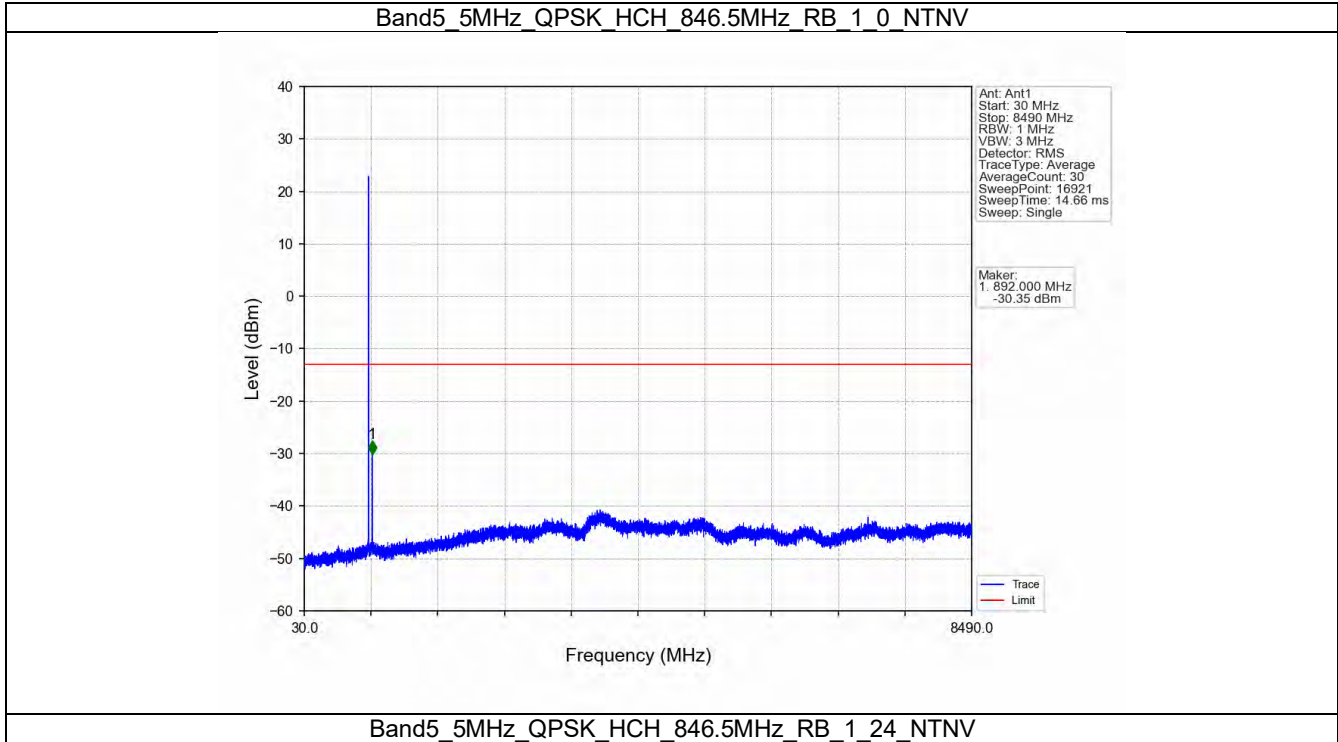


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 237 of 290



Ant: Ant1  
Start: 30 MHz  
Stop: 8490 MHz  
RBW: 1 MHz  
VBW: 3 MHz  
Detector: RMS  
Trace Type: Average  
Average Count: 30  
Sweep Point: 16921  
Sweep Time: 14.66 ms  
Sweep: Single

Marker:  
1. 892.000 MHz  
-30.35 dBm

Trace  
Limit



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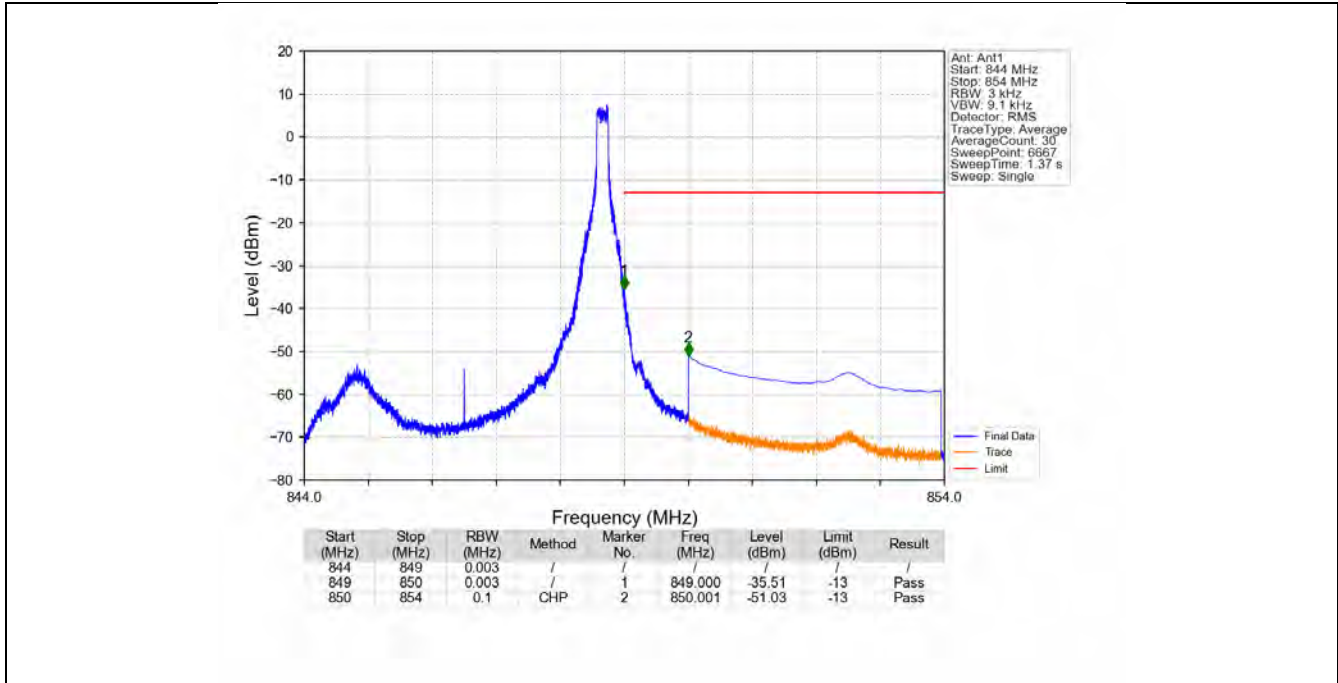


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Report No.: SZCR240100038408

Rev.: 01

Page: 238 of 290



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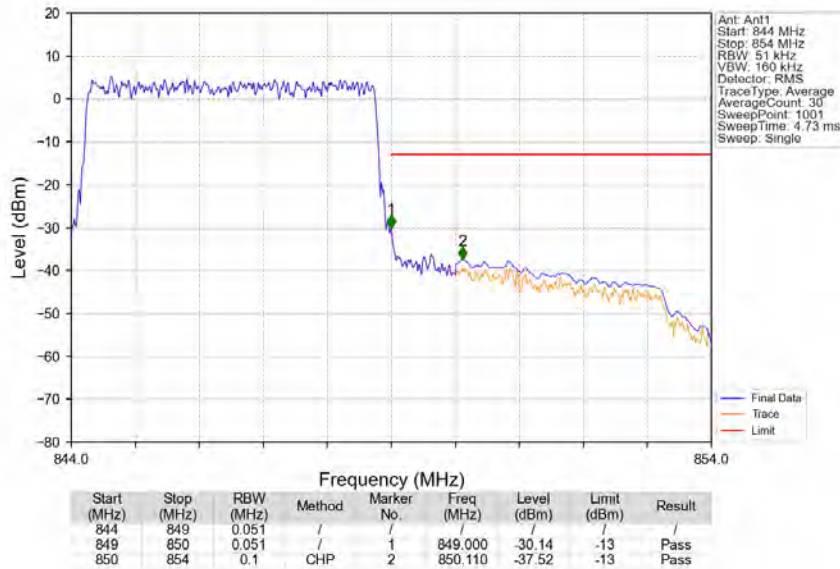
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Report No.: SZCR240100038408

Rev.: 01

Page: 239 of 290

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



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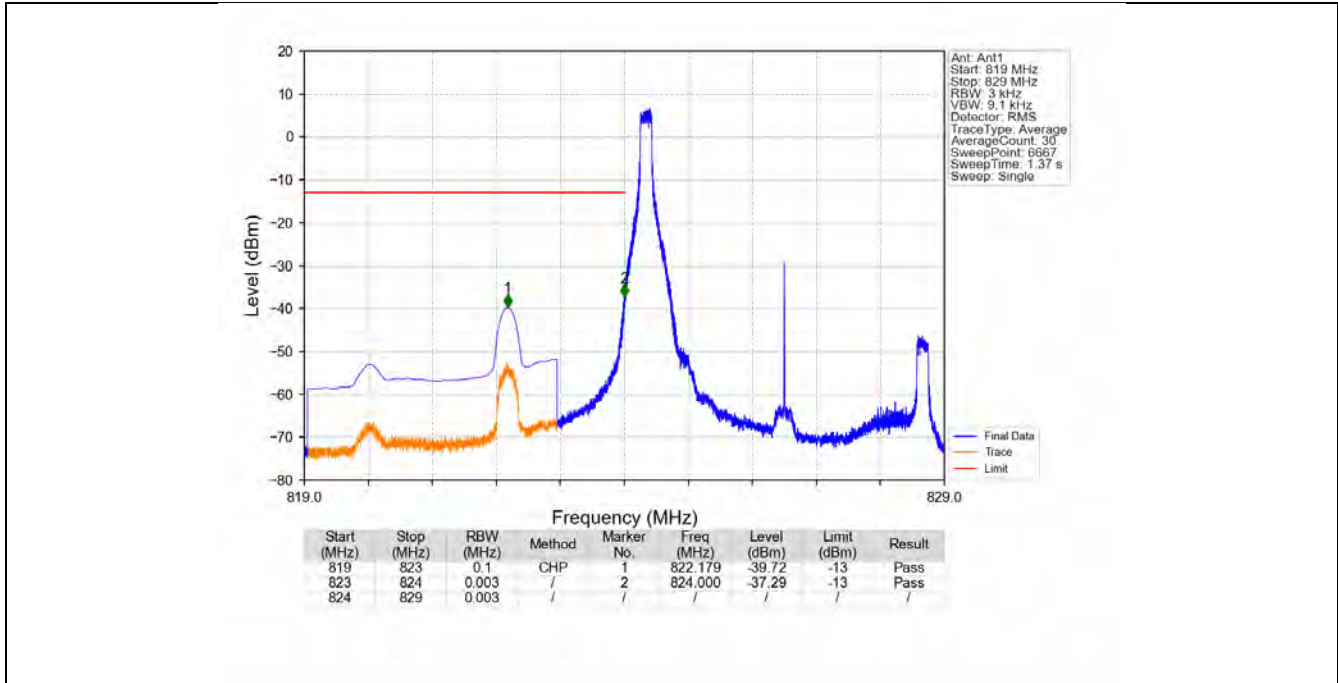


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Report No.: SZCR240100038408

Rev.: 01

Page: 240 of 290



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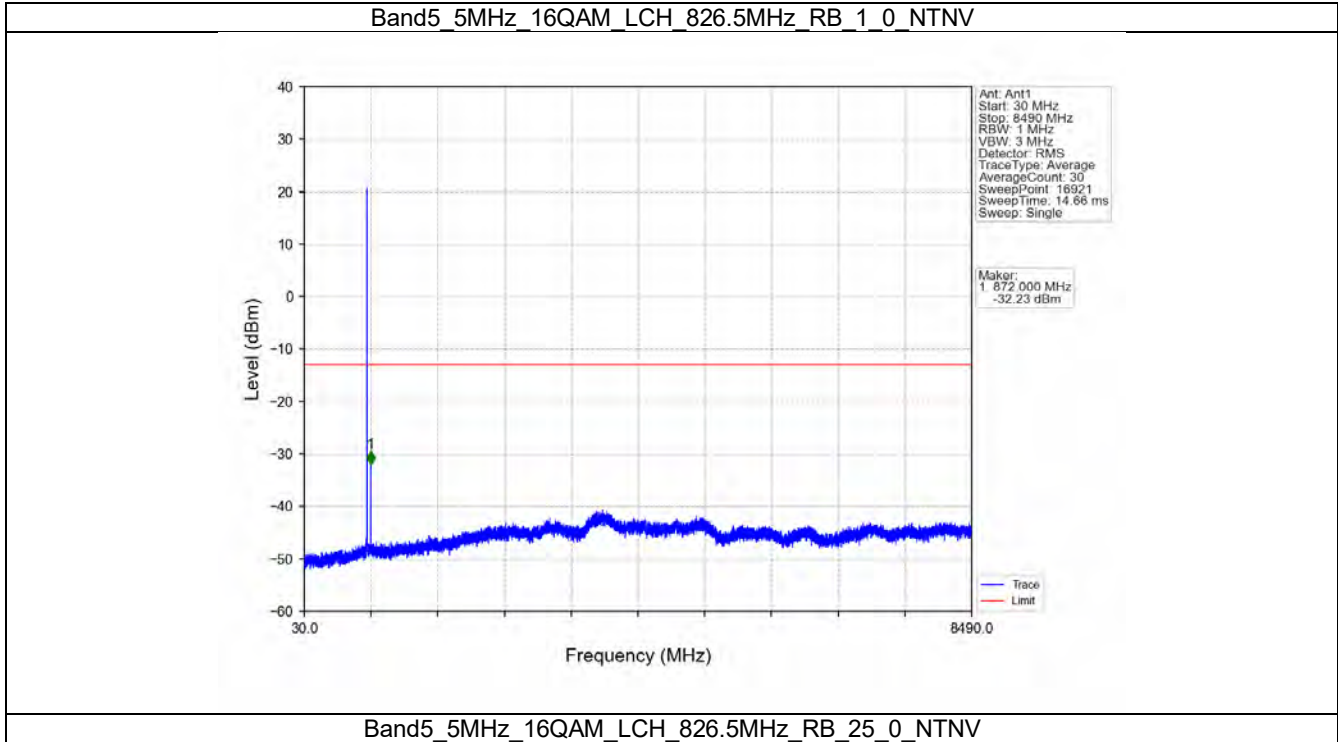


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Report No.: SZCR240100038408

Rev.: 01

Page: 241 of 290



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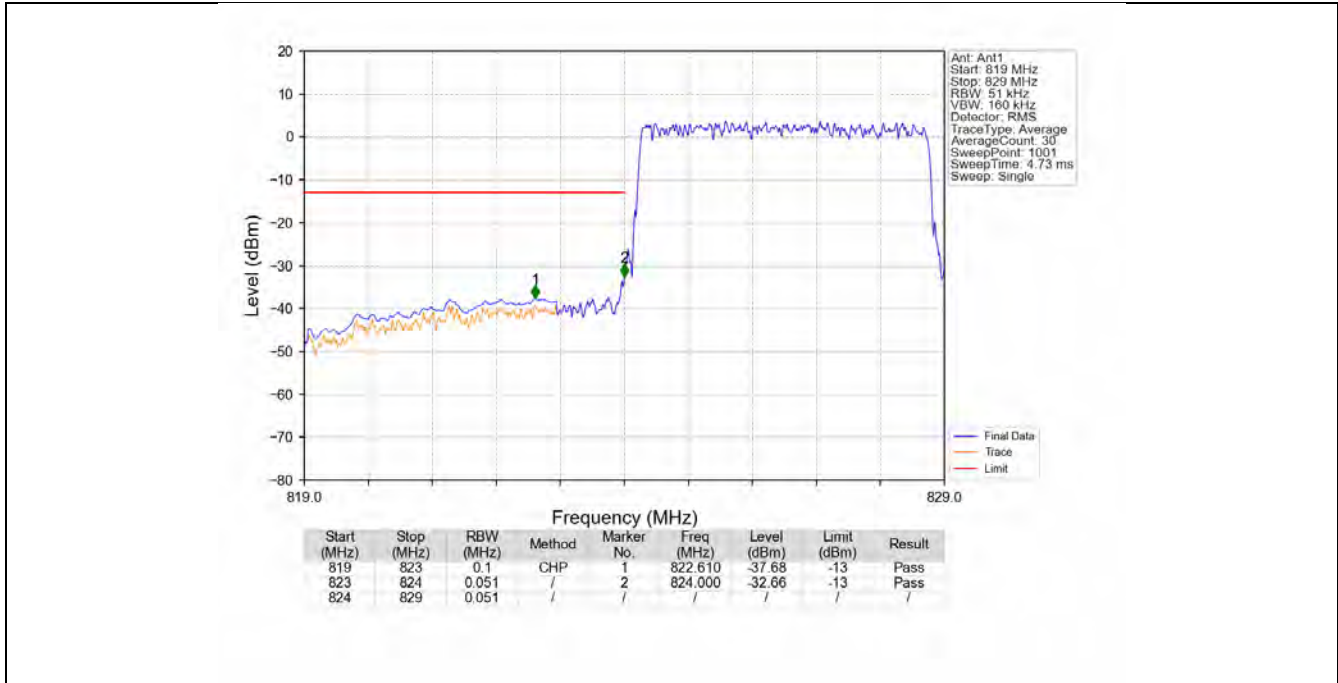


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Report No.: SZCR240100038408

Rev.: 01

Page: 242 of 290



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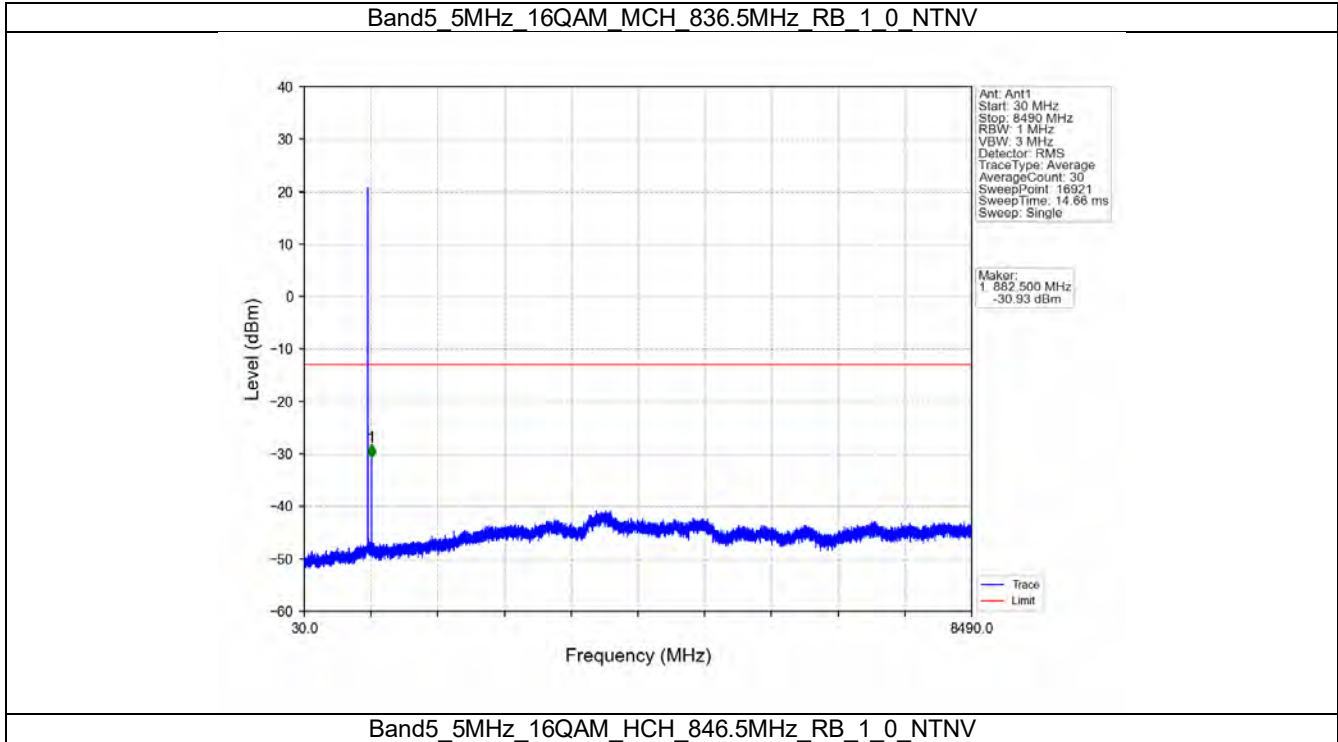


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Report No.: SZCR240100038408

Rev.: 01

Page: 243 of 290



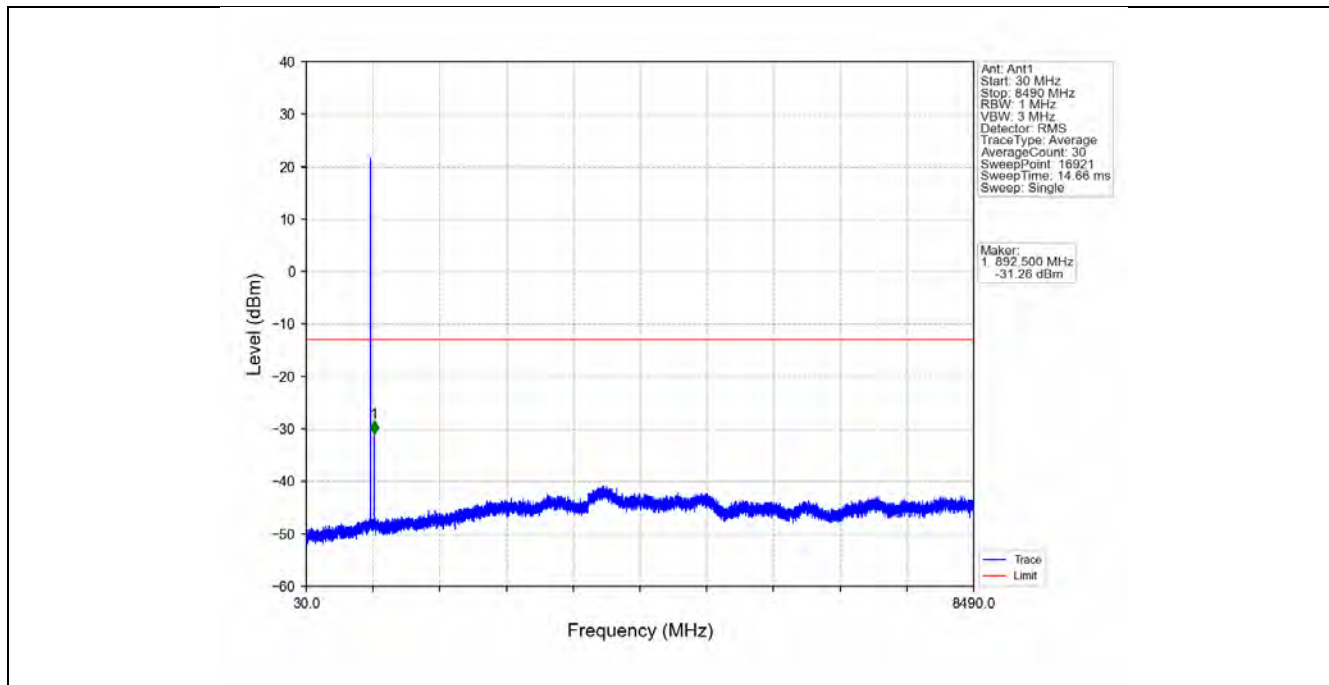
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Report No.: SZCR240100038408  
Rev.: 01  
Page: 244 of 290



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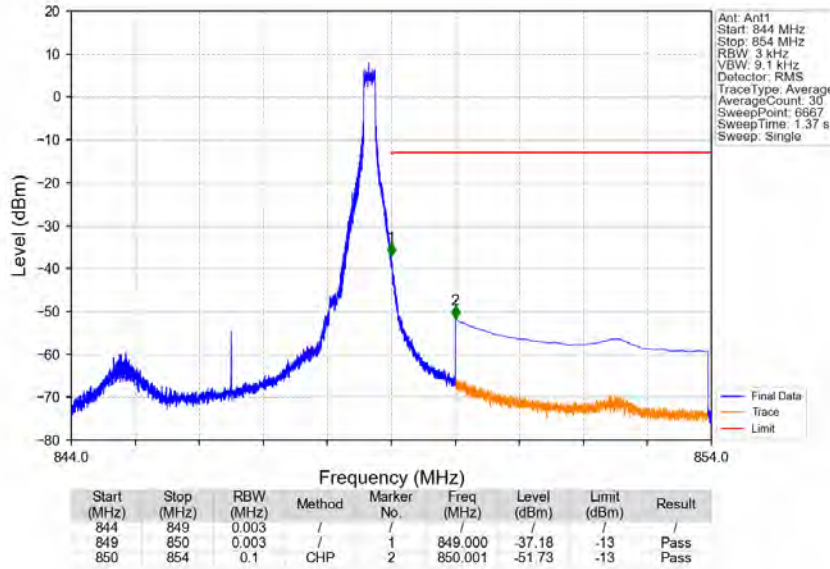
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Report No.: SZCR240100038408

Rev.: 01

Page: 245 of 290

Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_1\_24\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



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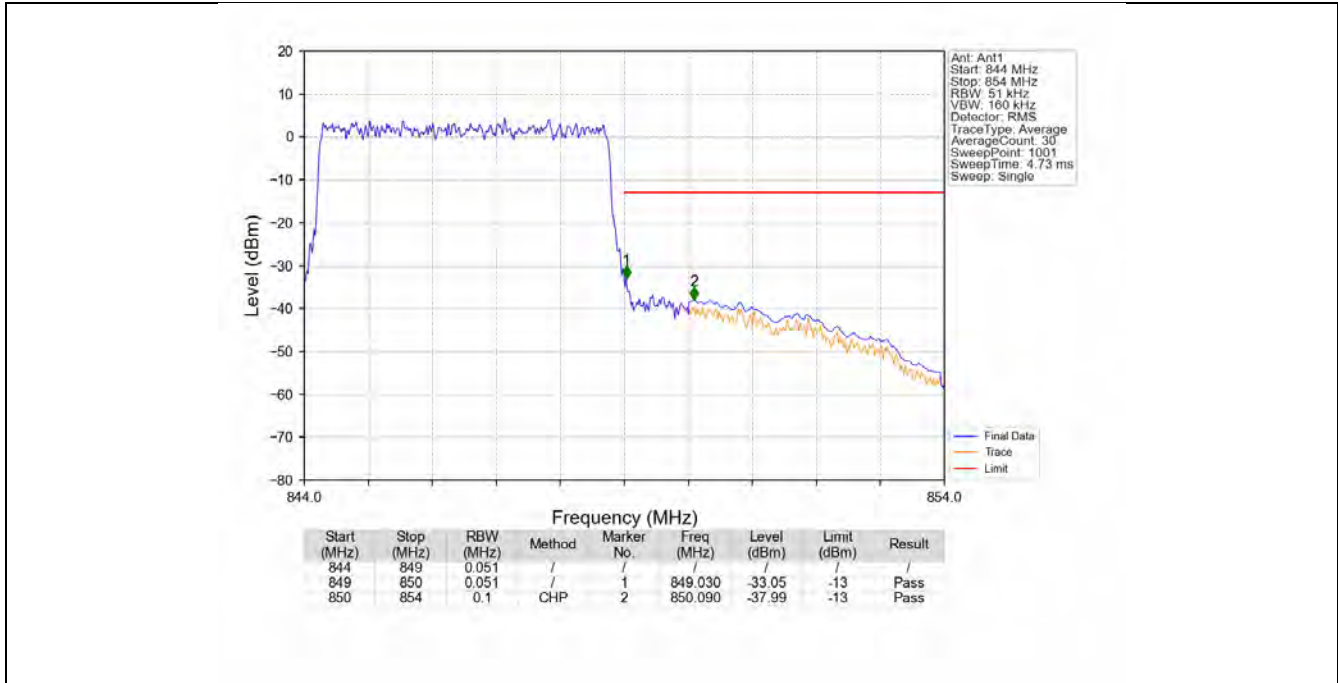


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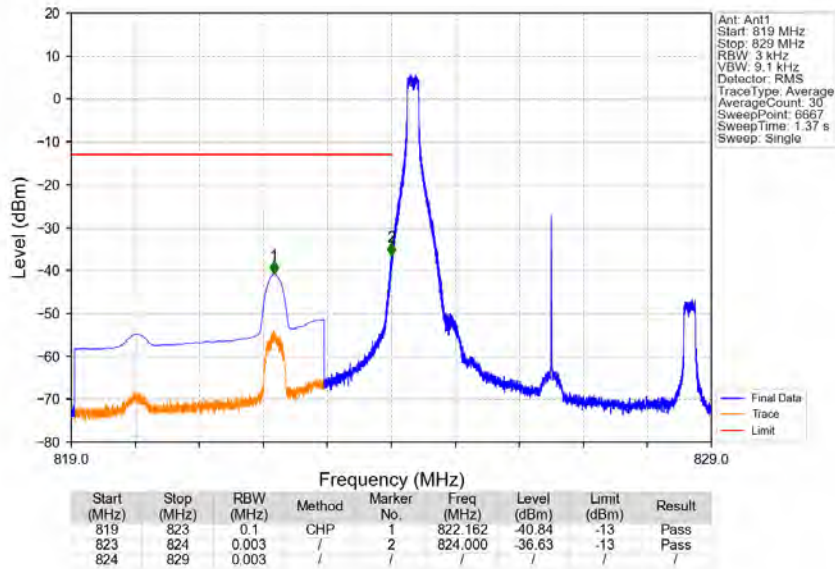
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Report No.: SZCR240100038408

Rev.: 01

Page: 247 of 290

Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



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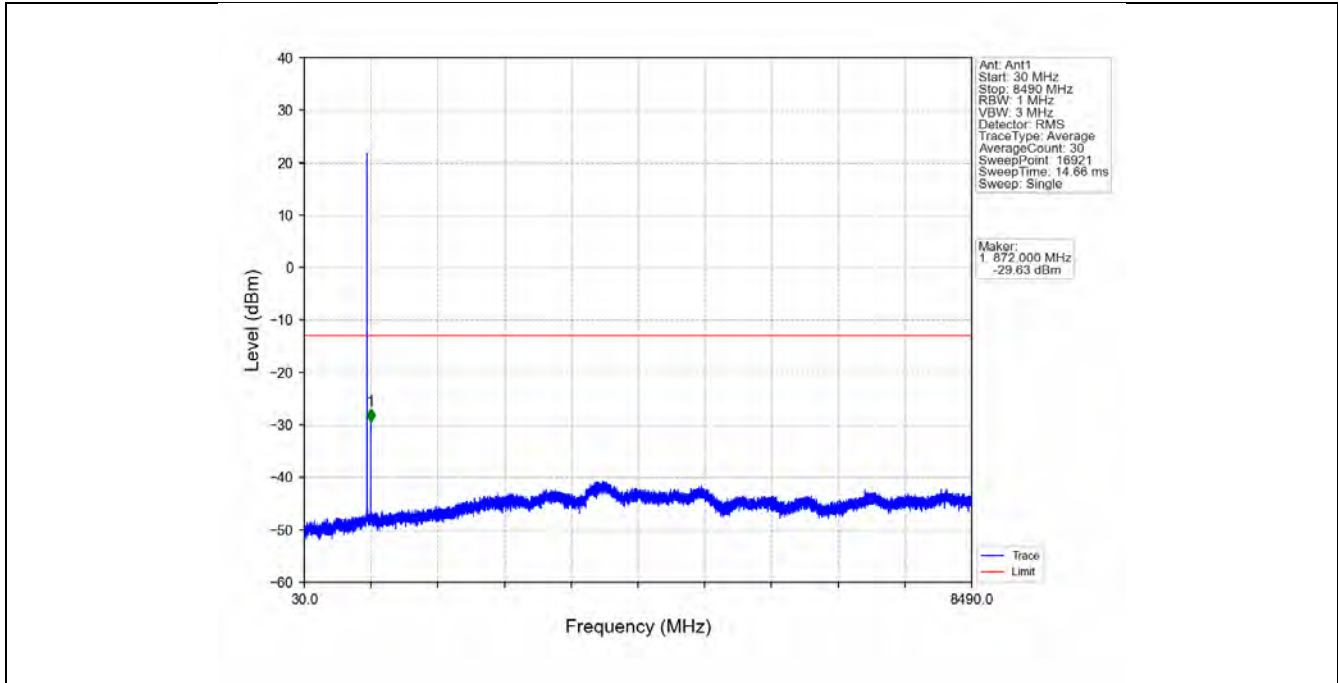


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Rev.: 01

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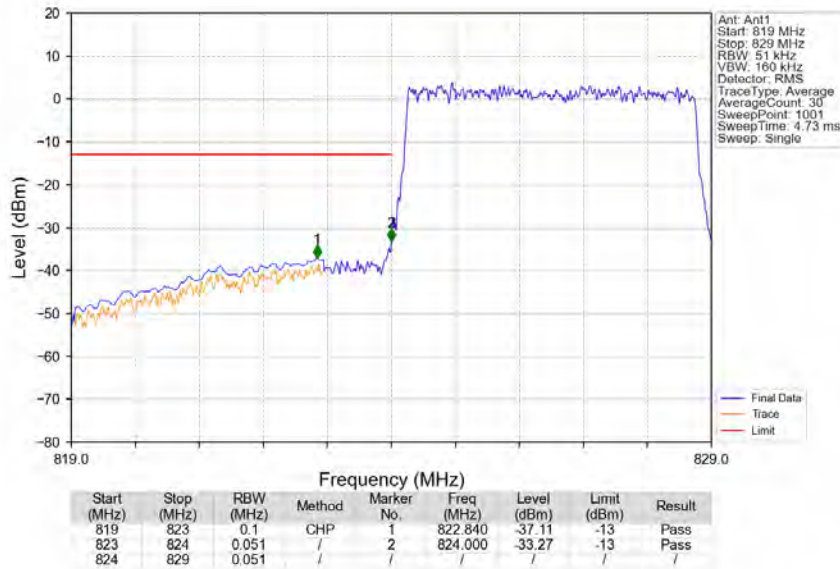
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Report No.: SZCR240100038408

Rev.: 01

Page: 249 of 290

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Band5\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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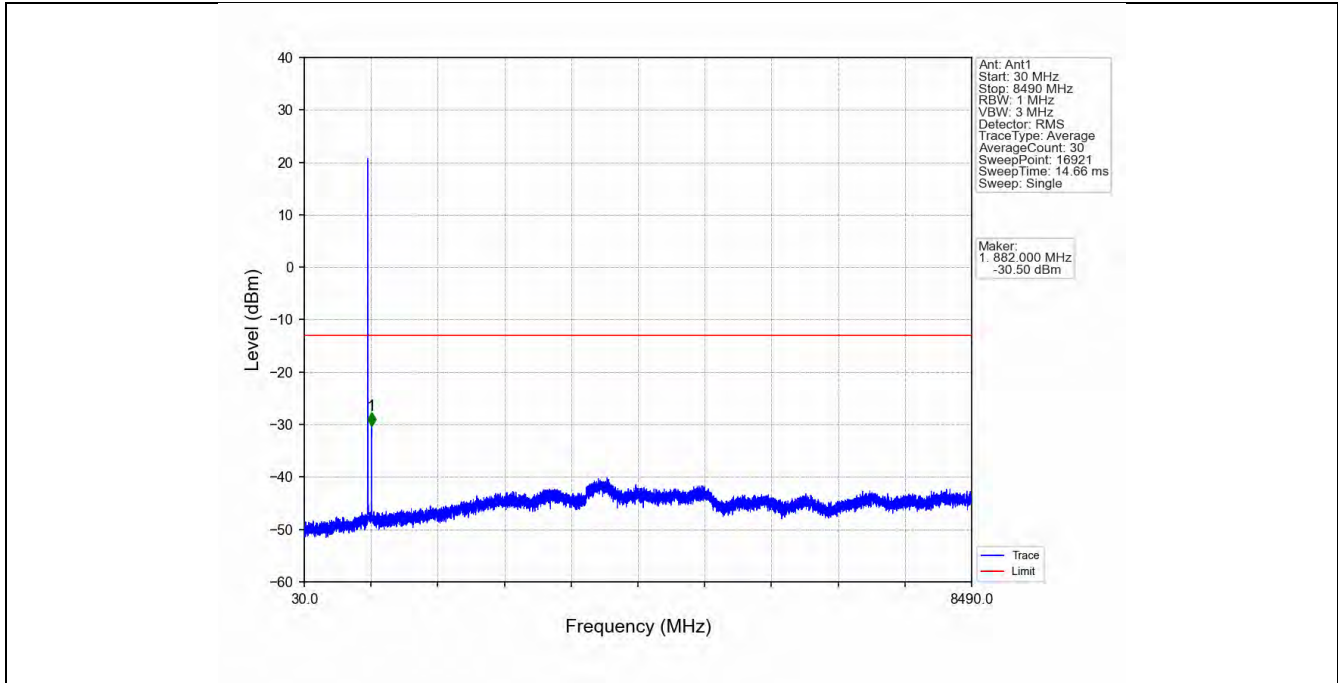


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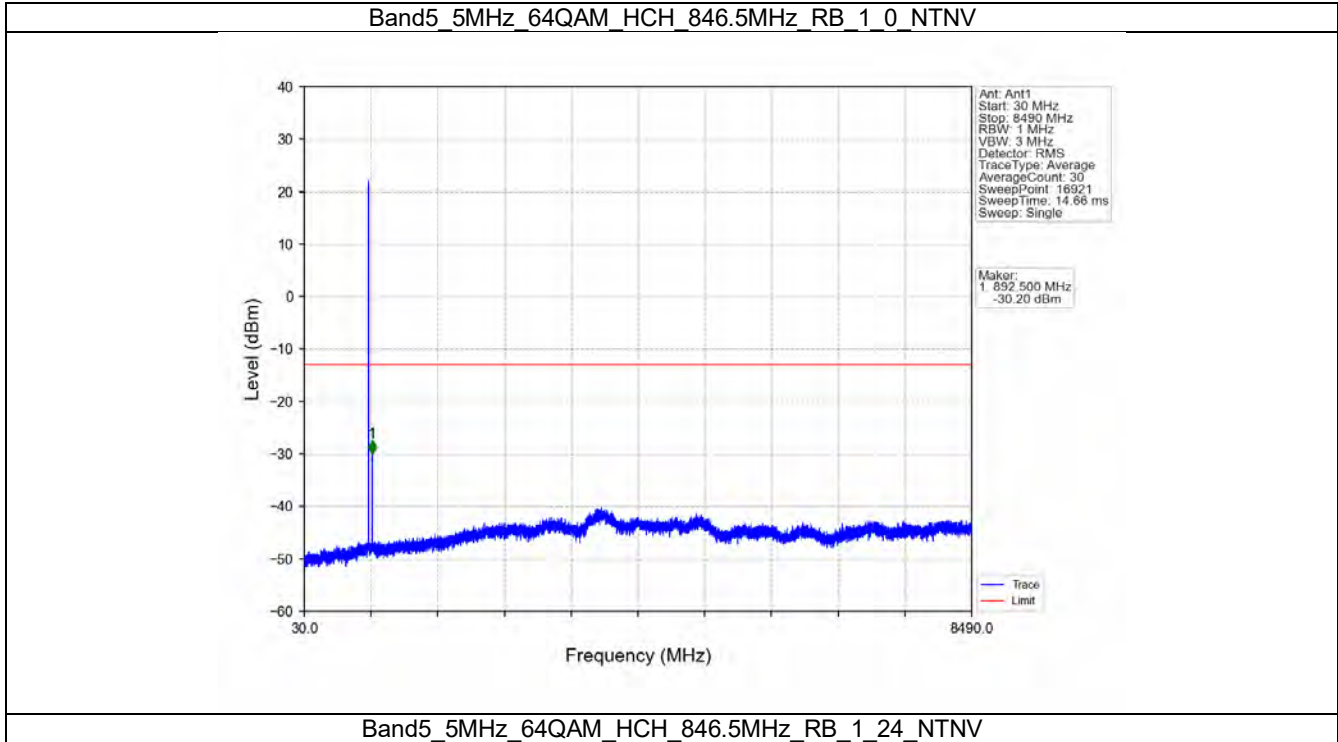


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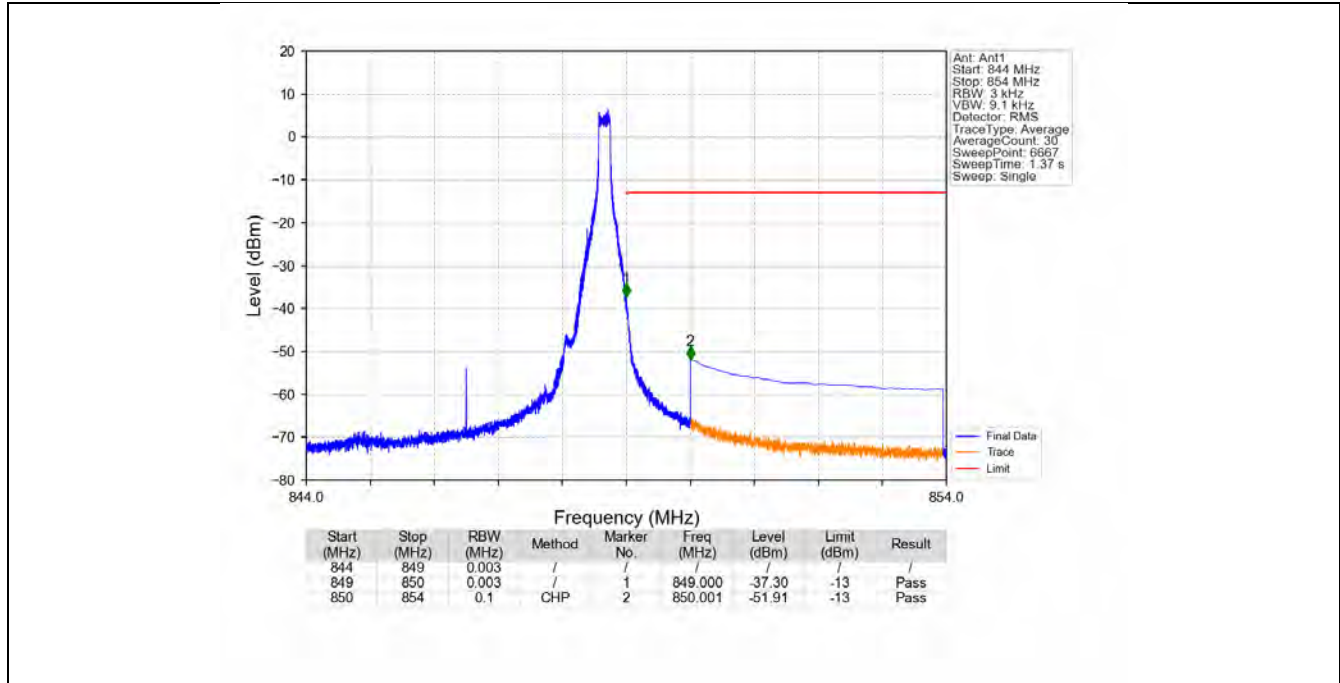


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Report No.: SZCR240100038408

Rev.: 01

Page: 252 of 290



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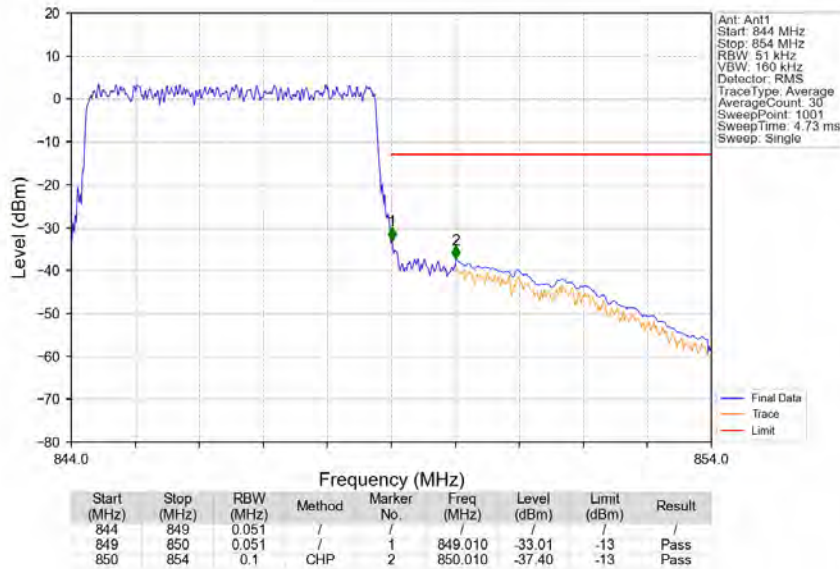
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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 253 of 290

Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_256QAM\_LCH\_826.5MHz\_RB\_1\_0\_NTNV



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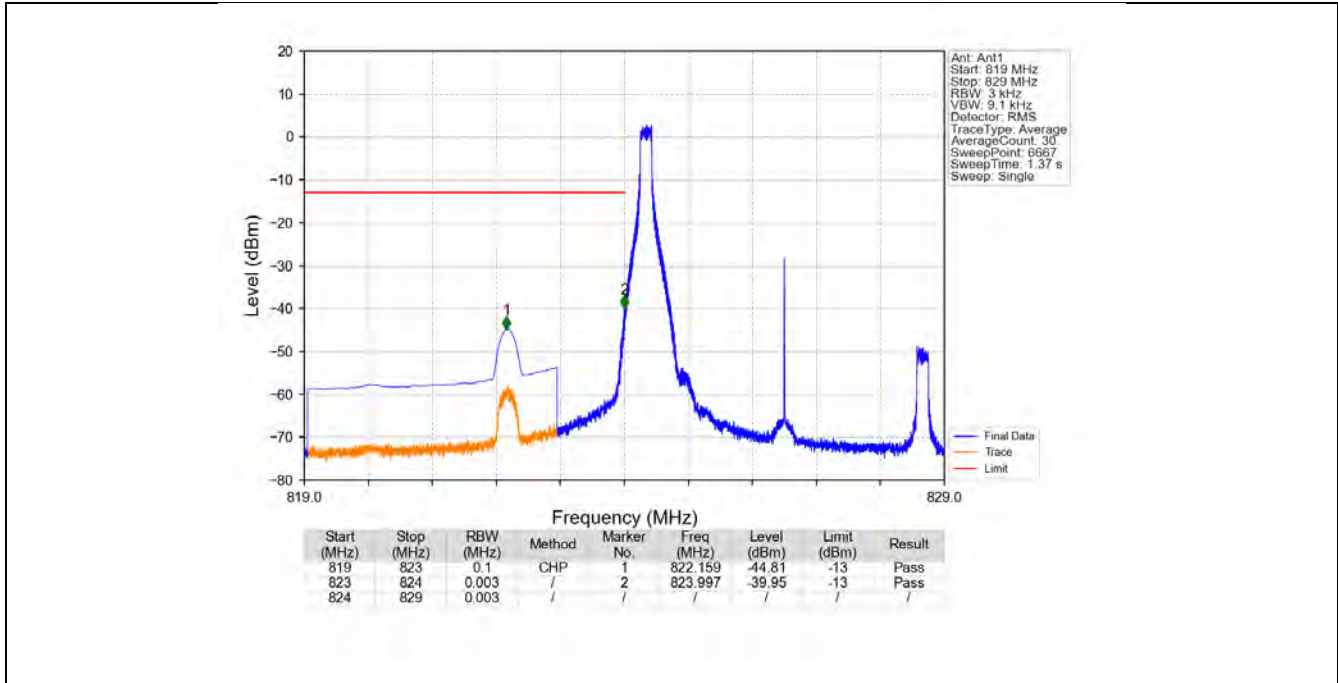


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Report No.: SZCR240100038408

Rev.: 01

Page: 254 of 290



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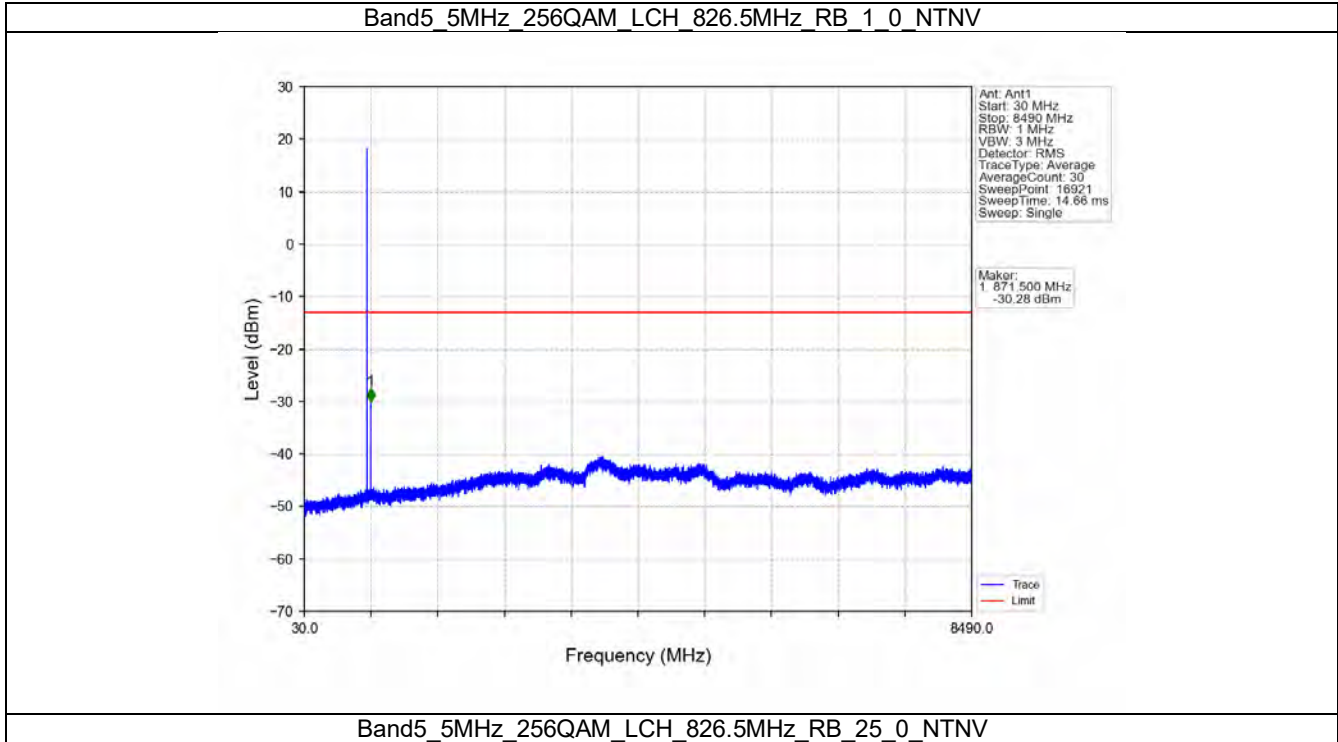


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Report No.: SZCR240100038408

Rev.: 01

Page: 255 of 290



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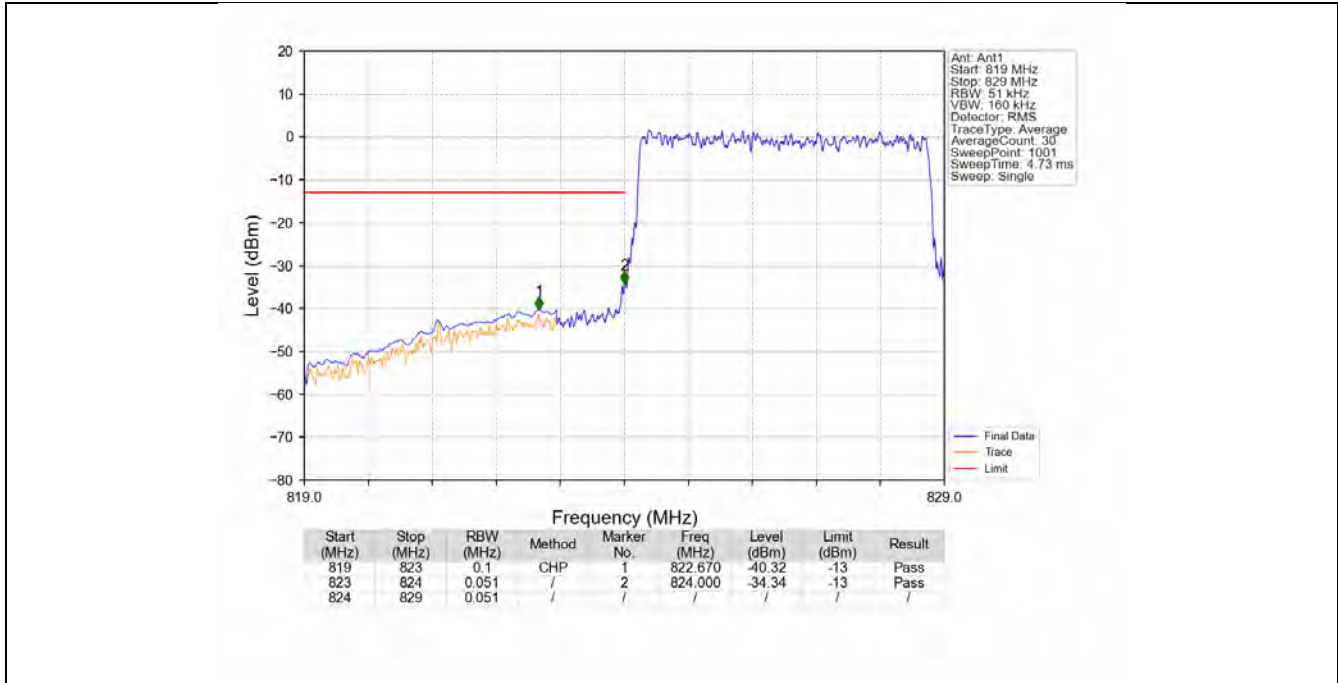


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Report No.: SZCR240100038408

Rev.: 01

Page: 256 of 290



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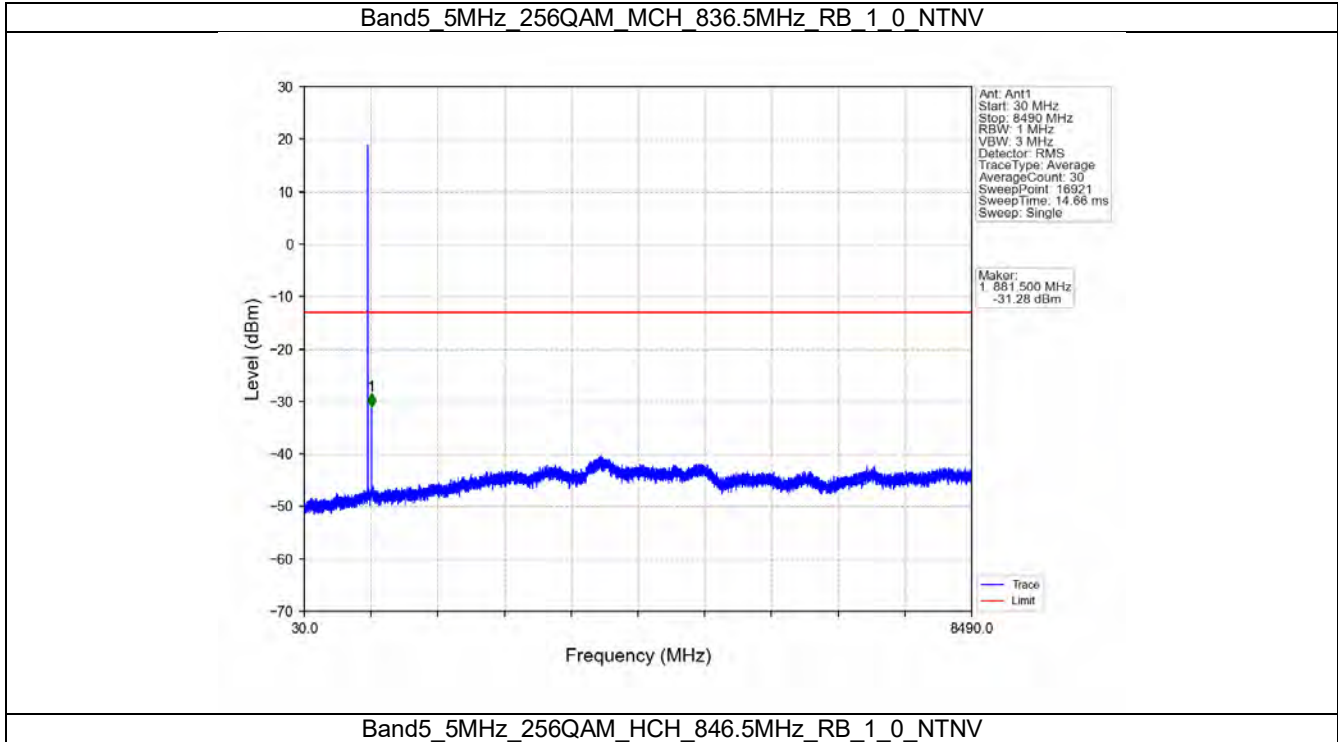


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Rev.: 01

Page: 257 of 290



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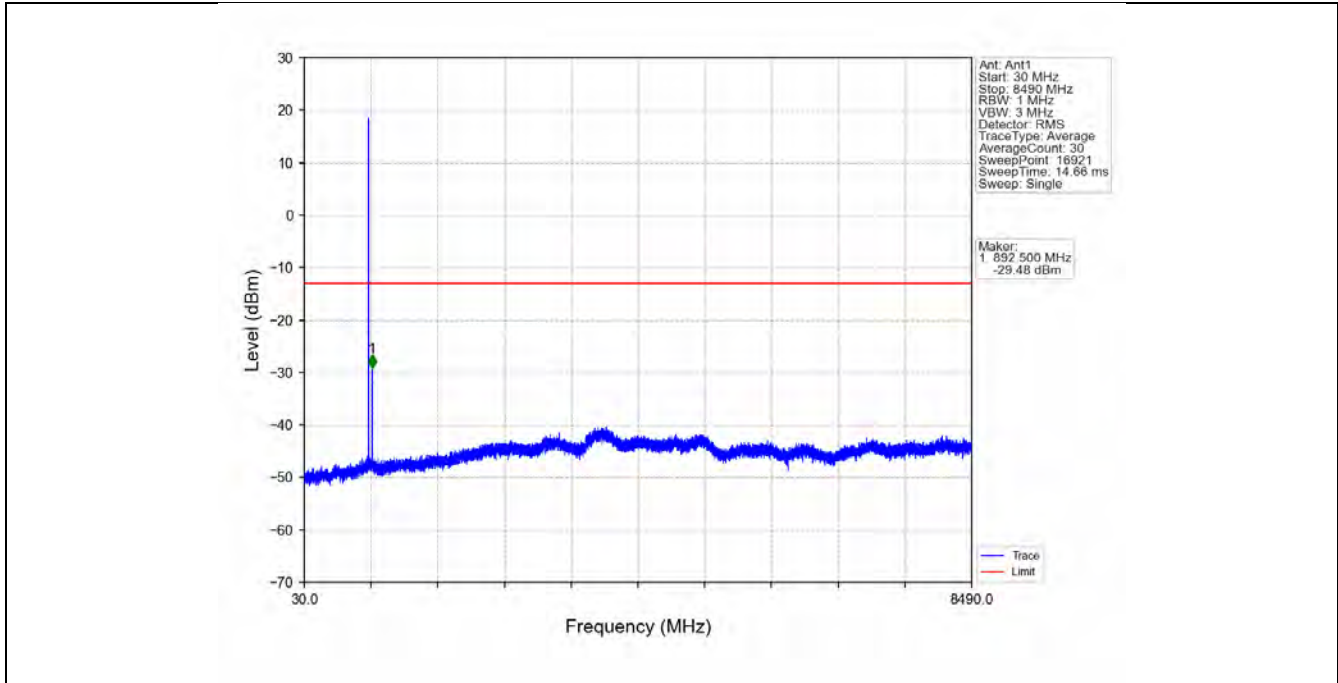


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Report No.: SZCR240100038408

Rev.: 01

Page: 258 of 290



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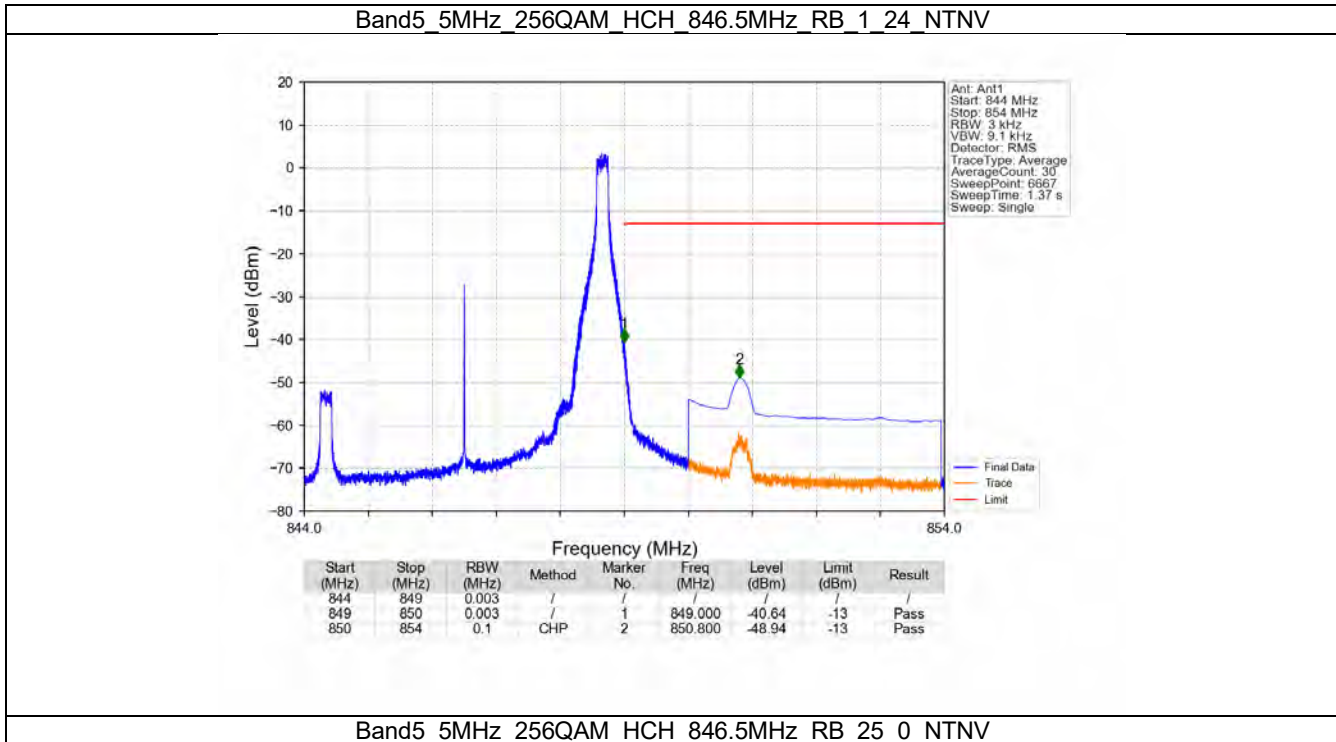


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Rev.: 01

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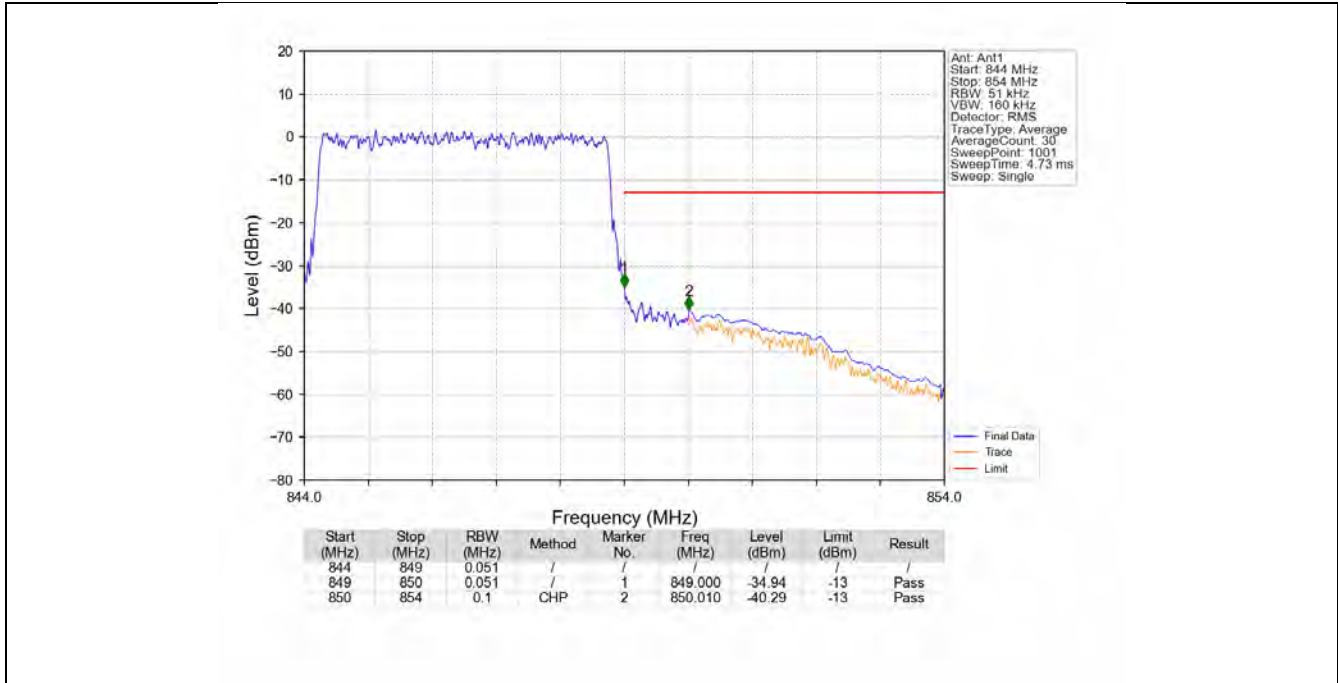


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Report No.: SZCR240100038408

Rev.: 01

Page: 261 of 290

## 5.4 B5\_10MHz

### 5.4.1 Test Result

Band: 5 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		844	1	0	Refer To Test Graph	Pass
			49	0	Refer To Test Graph	Pass
16QAM	829	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		844	1	0	Refer To Test Graph	Pass
			49	0	Refer To Test Graph	Pass
64QAM	829	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		844	1	0	Refer To Test Graph	Pass
			49	0	Refer To Test Graph	Pass
256QAM	829	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	836.5	1	0	Refer To Test Graph	Pass	
		844	1	0	Refer To Test Graph	Pass
			49	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	



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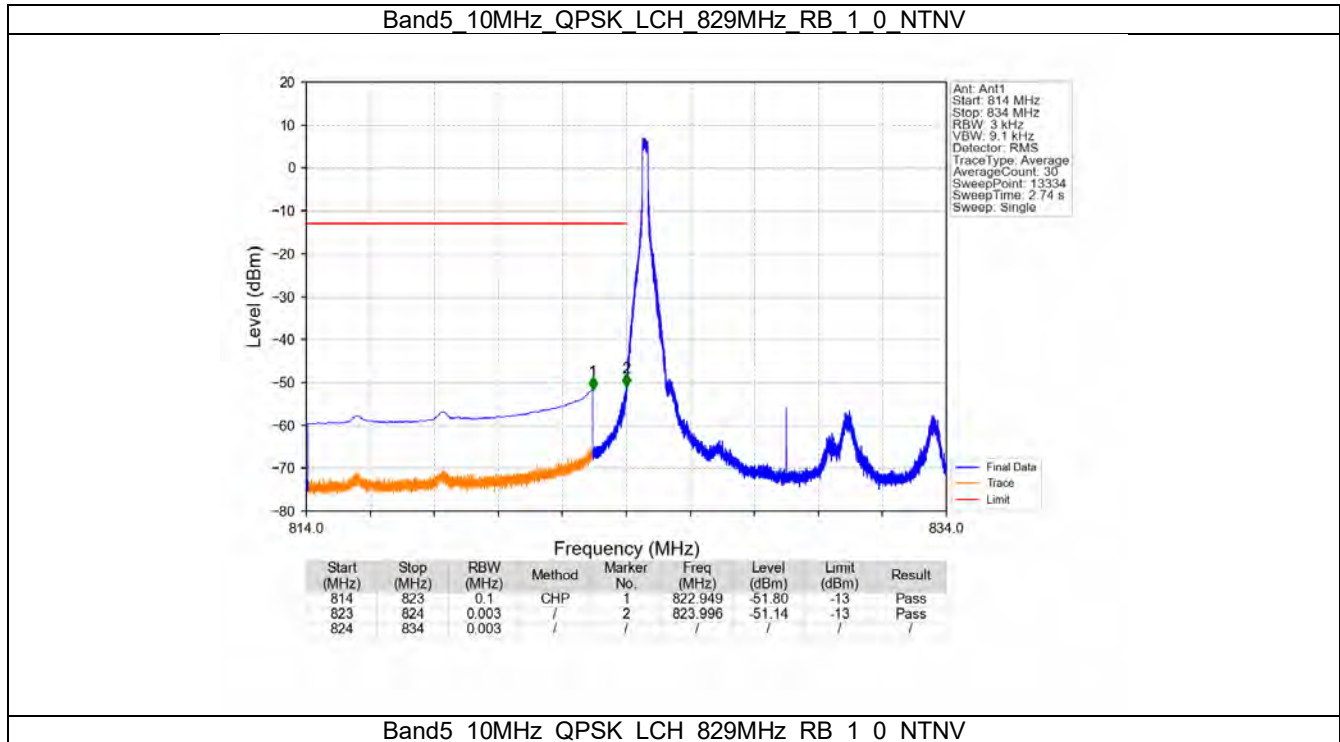
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Rev.: 01

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5.4.2 Test Graph



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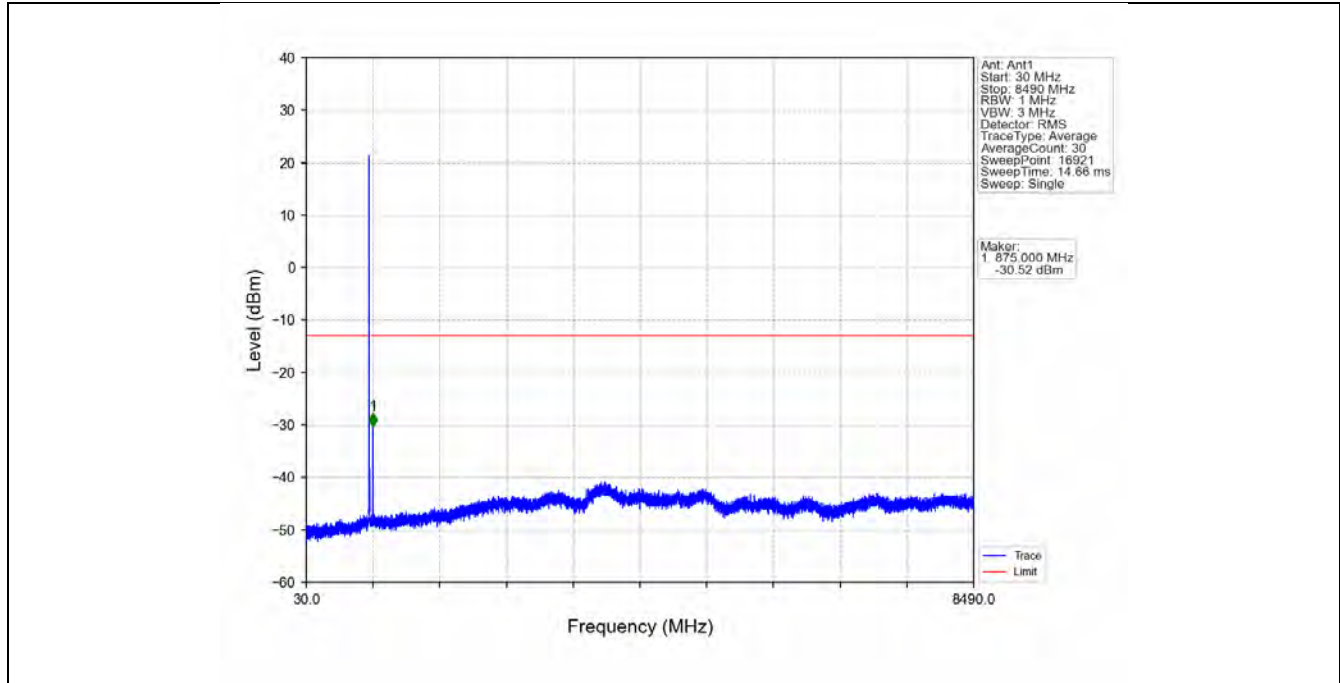


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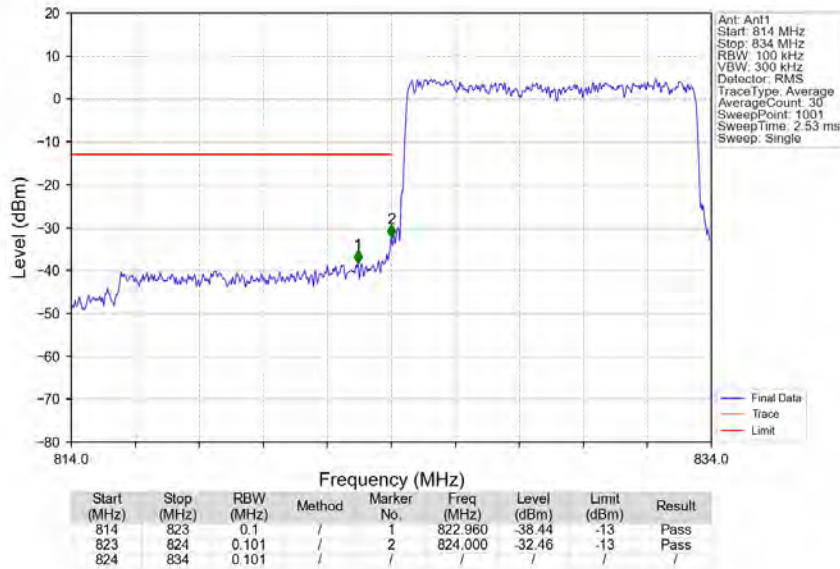
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Report No.: SZCR240100038408

Rev.: 01

Page: 264 of 290

Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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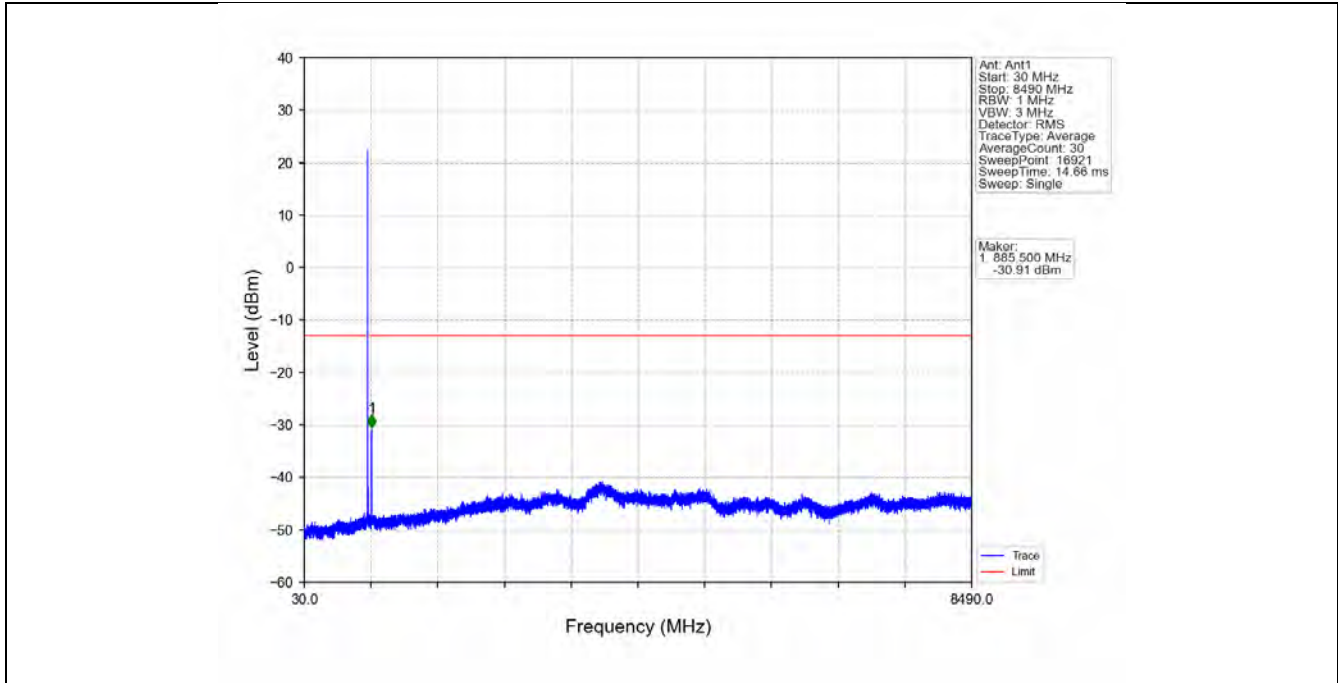


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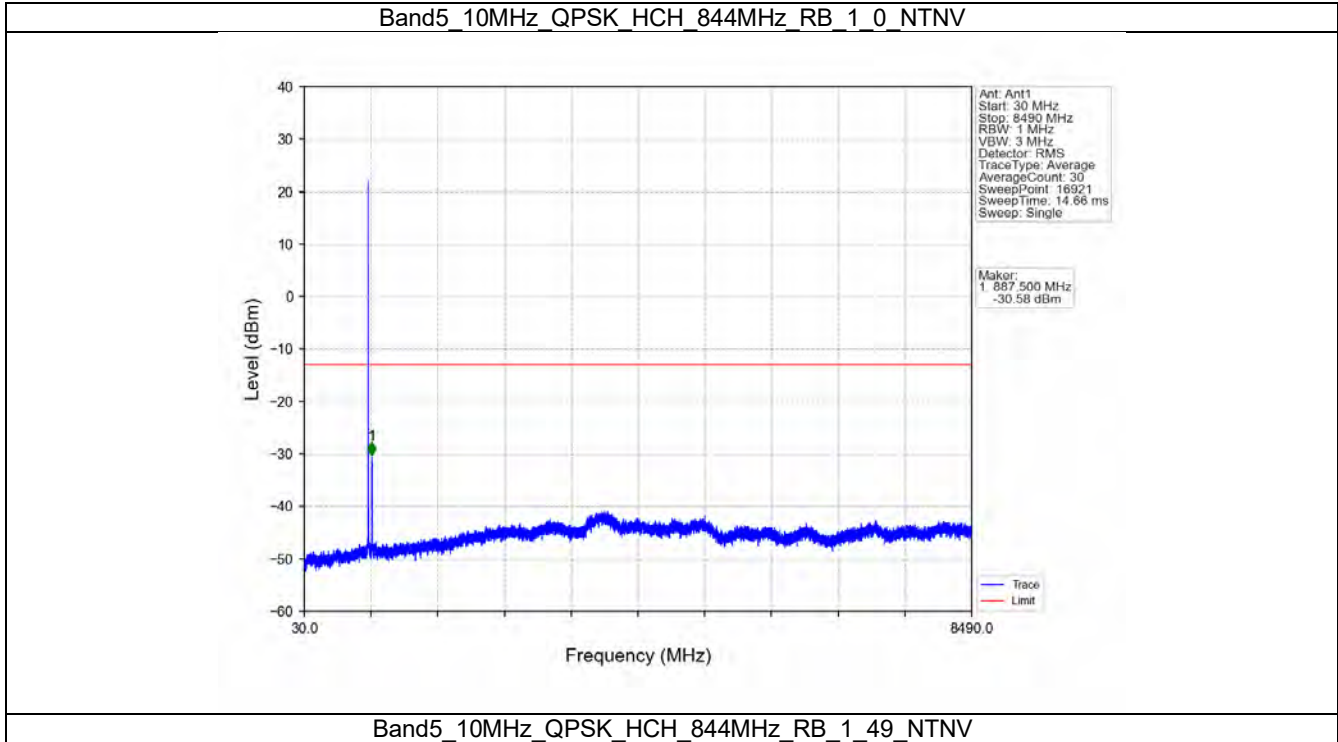


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Report No.: SZCR240100038408

Rev.: 01

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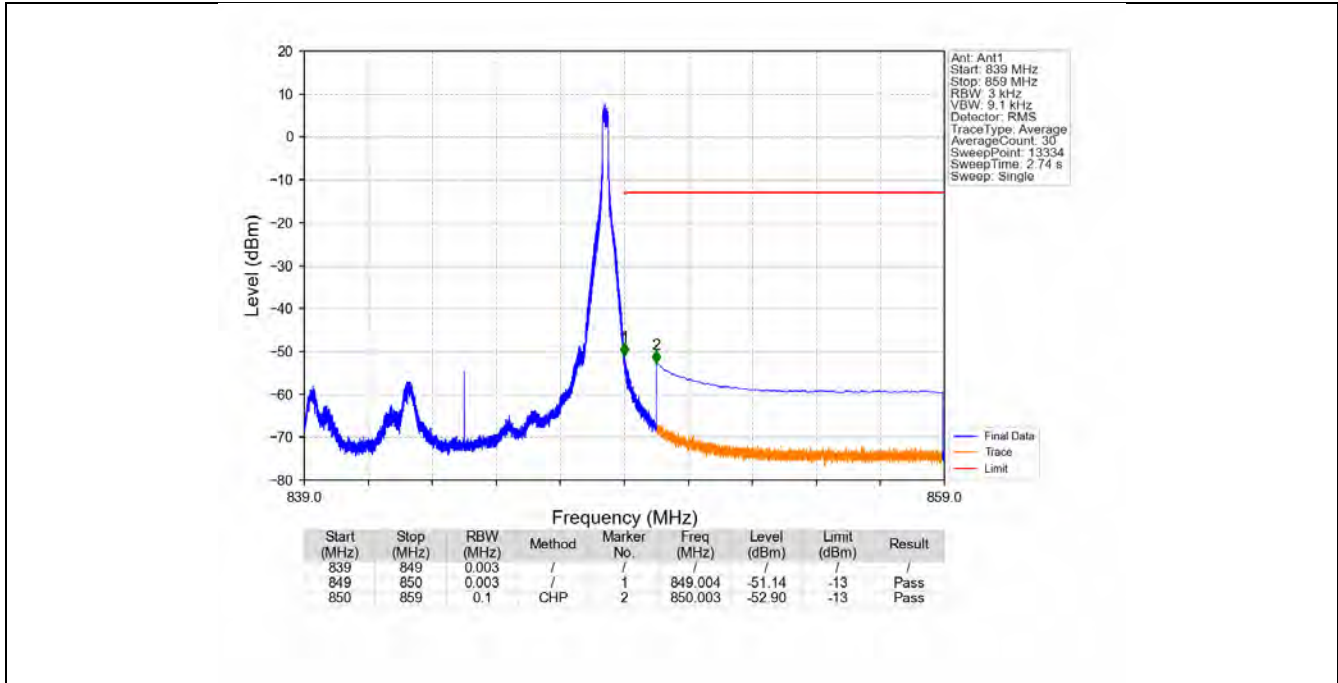


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Report No.: SZCR240100038408

Rev.: 01

Page: 267 of 290



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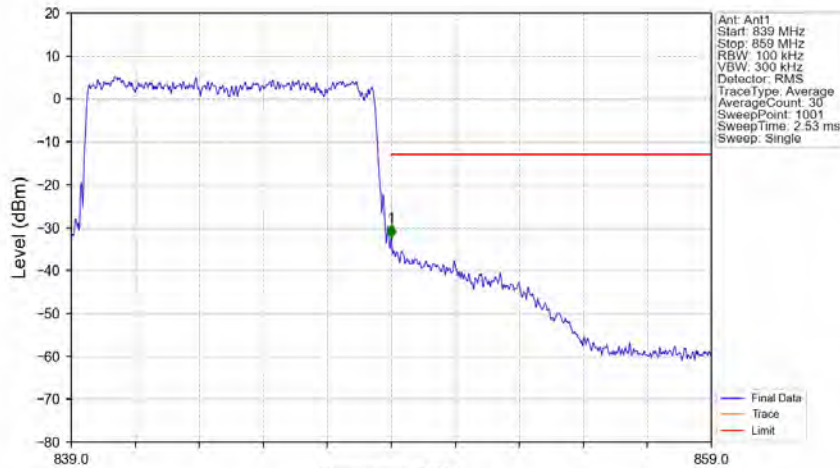
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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 268 of 290

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	859	0.1	/	1	849.000	-32.29	-13	Pass

Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



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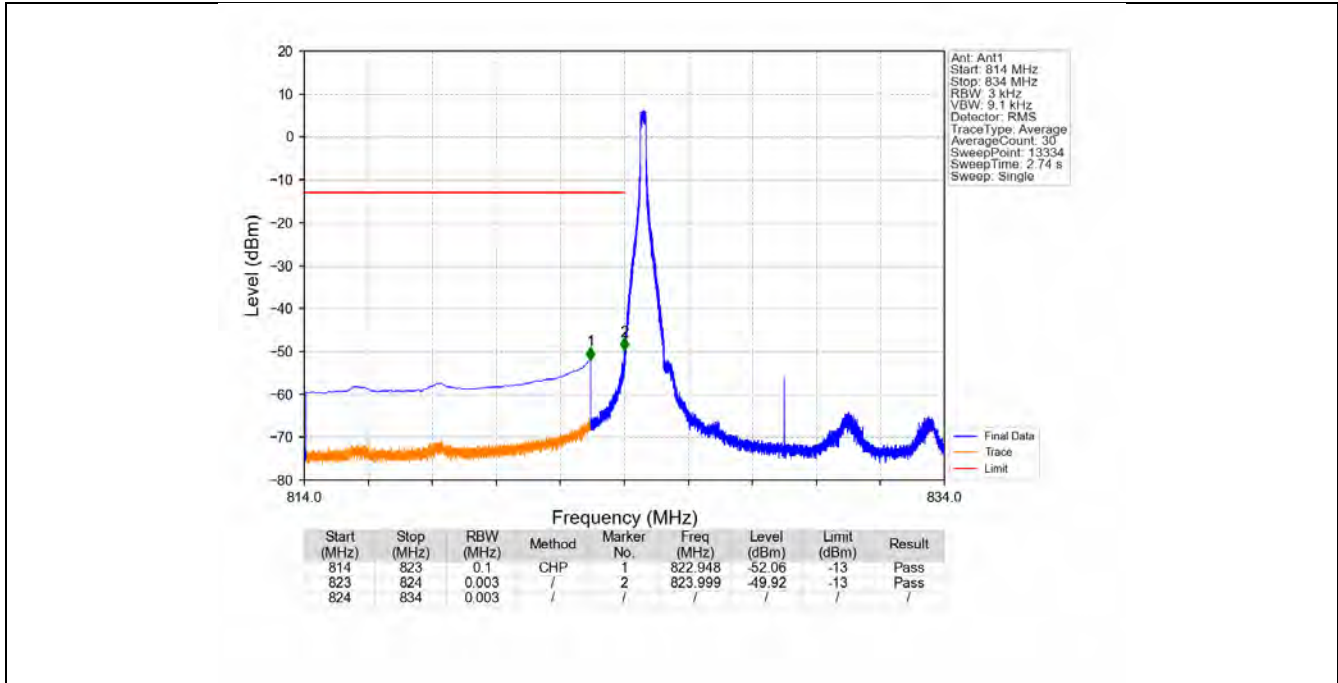


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Report No.: SZCR240100038408

Rev.: 01

Page: 269 of 290



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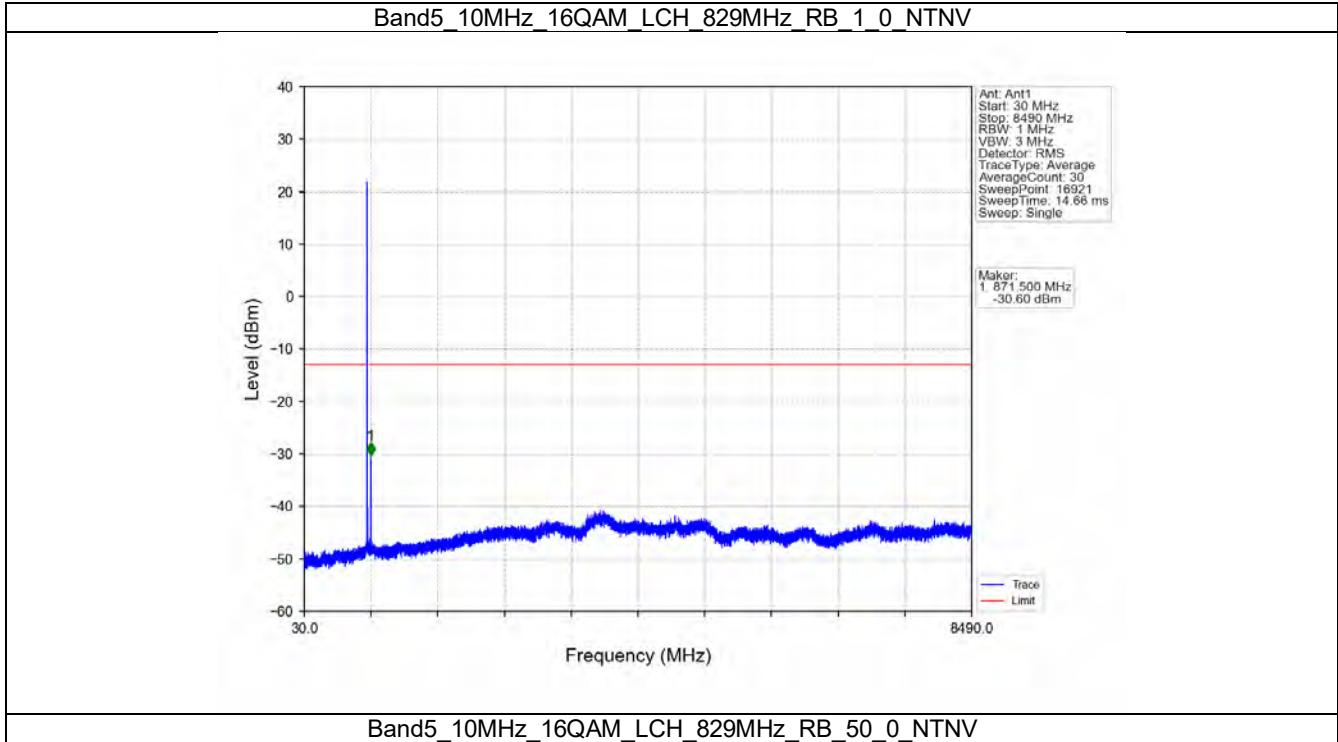


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Report No.: SZCR240100038408

Rev.: 01

Page: 270 of 290



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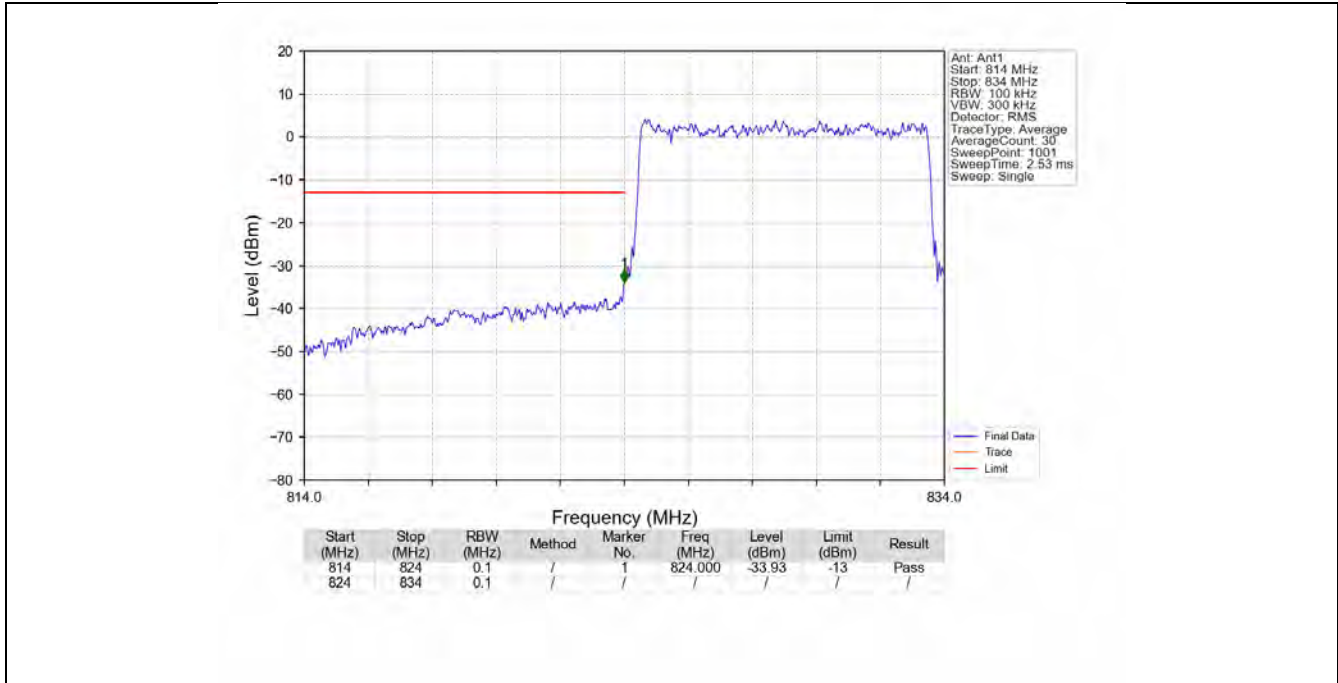


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Report No.: SZCR240100038408

Rev.: 01

Page: 271 of 290



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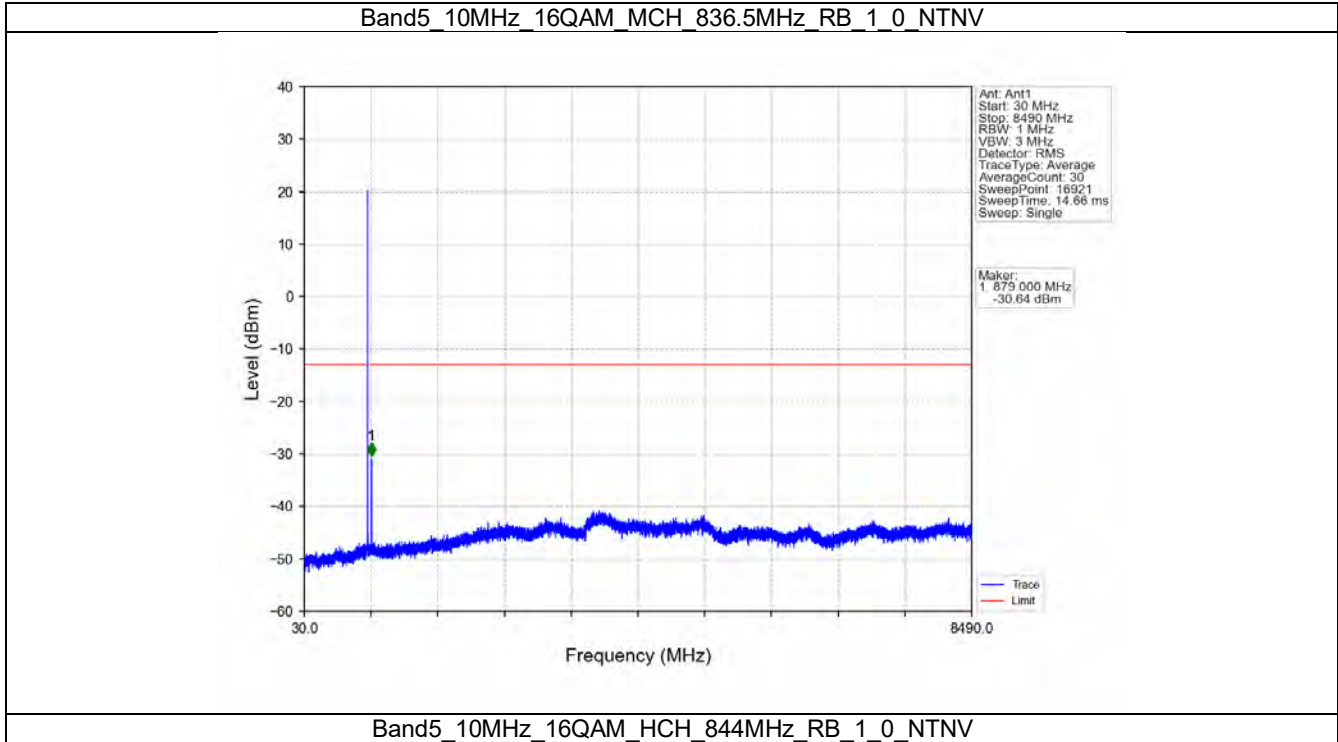


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Report No.: SZCR240100038408

Rev.: 01

Page: 272 of 290



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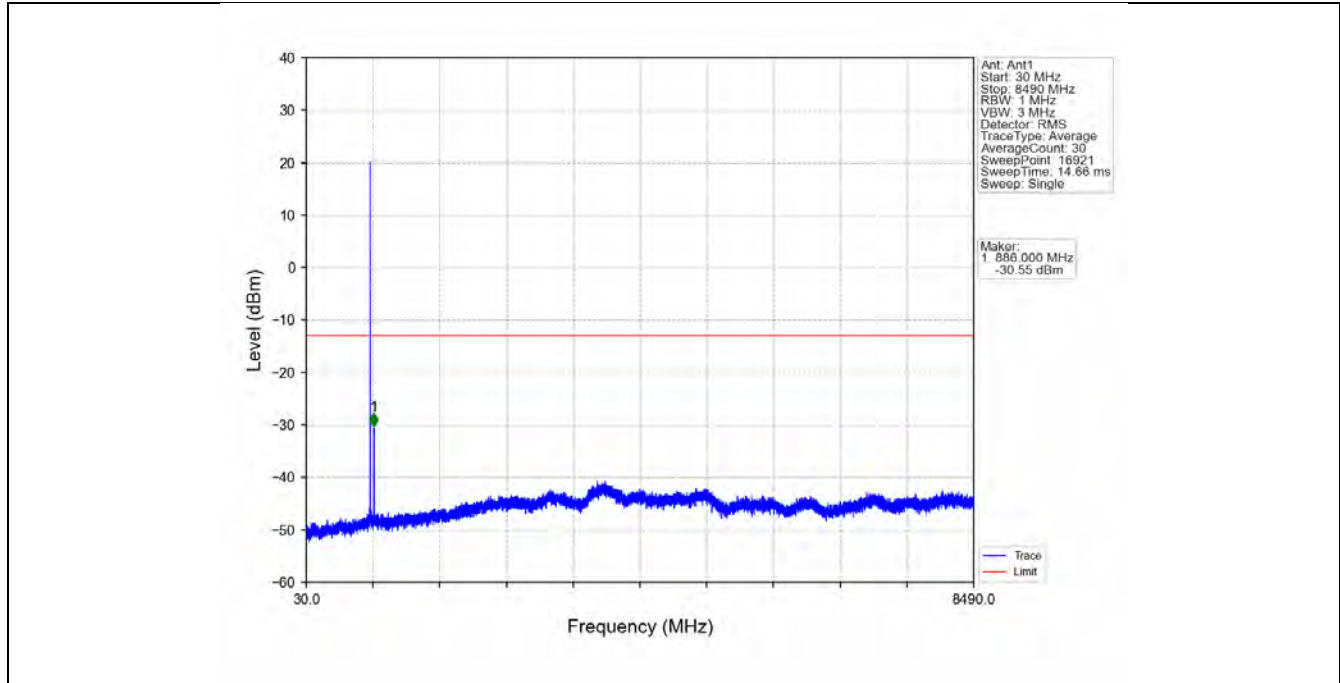


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Report No.: SZCR240100038408

Rev.: 01

Page: 273 of 290



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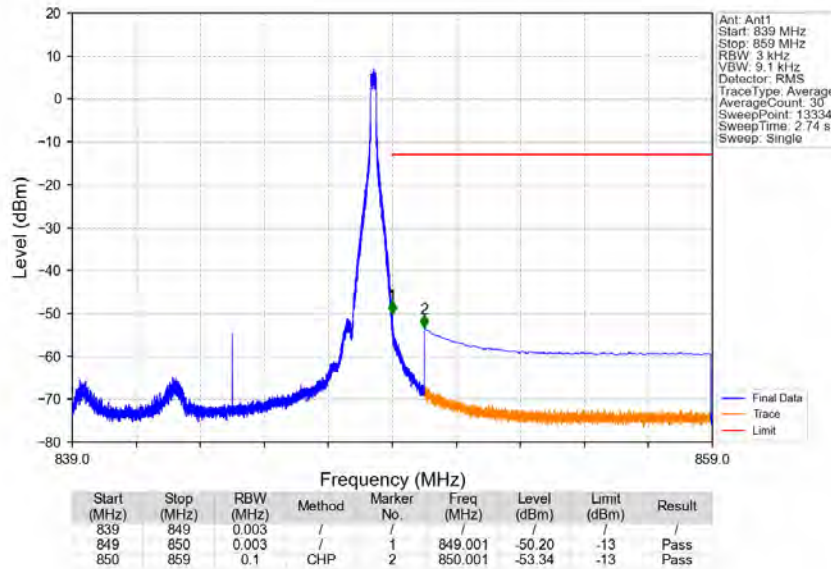
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Report No.: SZCR240100038408

Rev.: 01

Page: 274 of 290

Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



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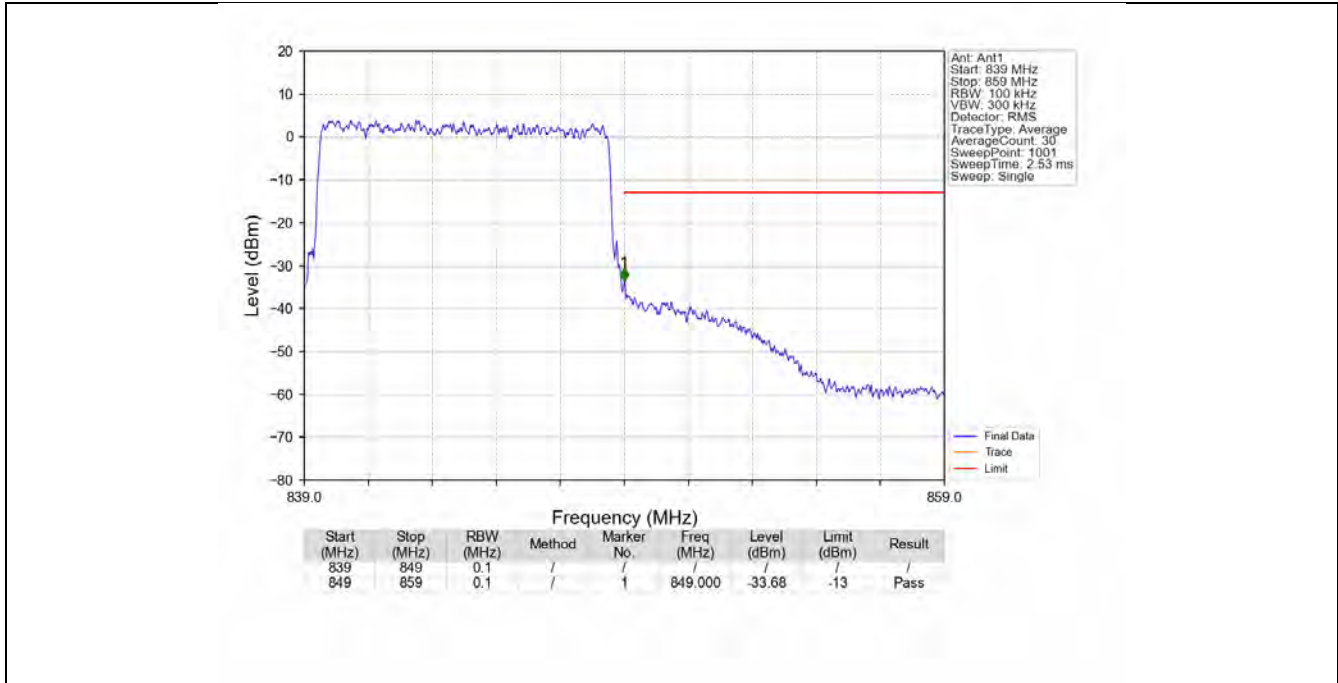


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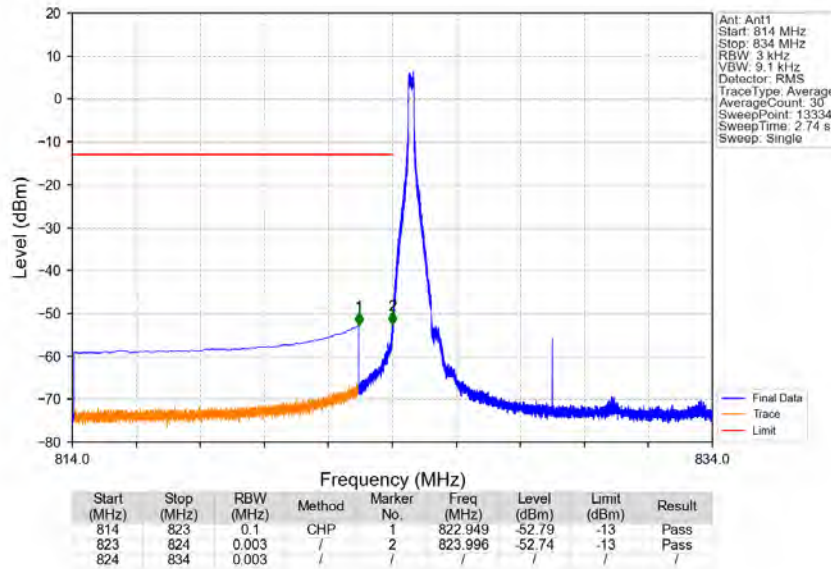
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Report No.: SZCR240100038408

Rev.: 01

Page: 276 of 290

Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



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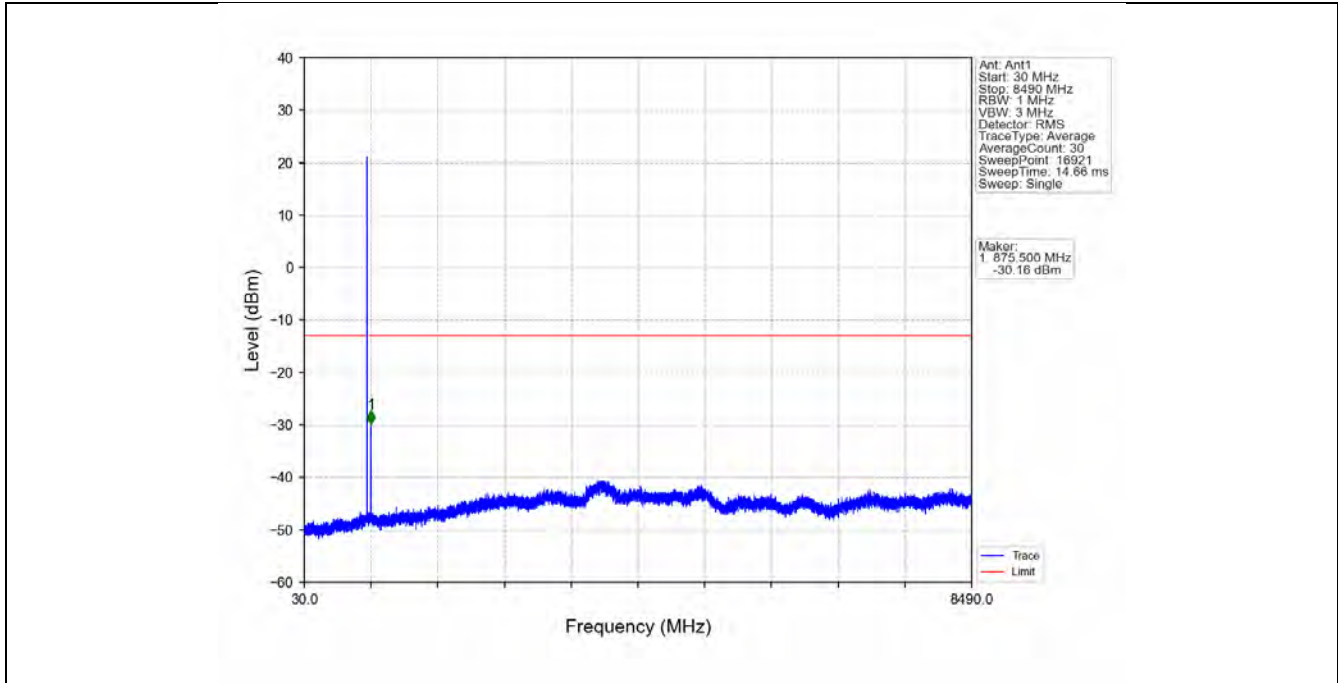


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Rev.: 01

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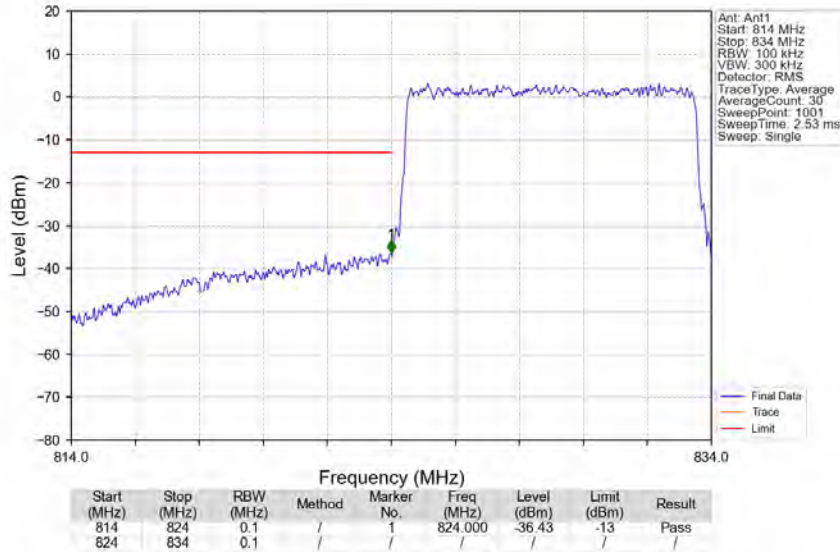
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Report No.: SZCR240100038408

Rev.: 01

Page: 278 of 290

Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



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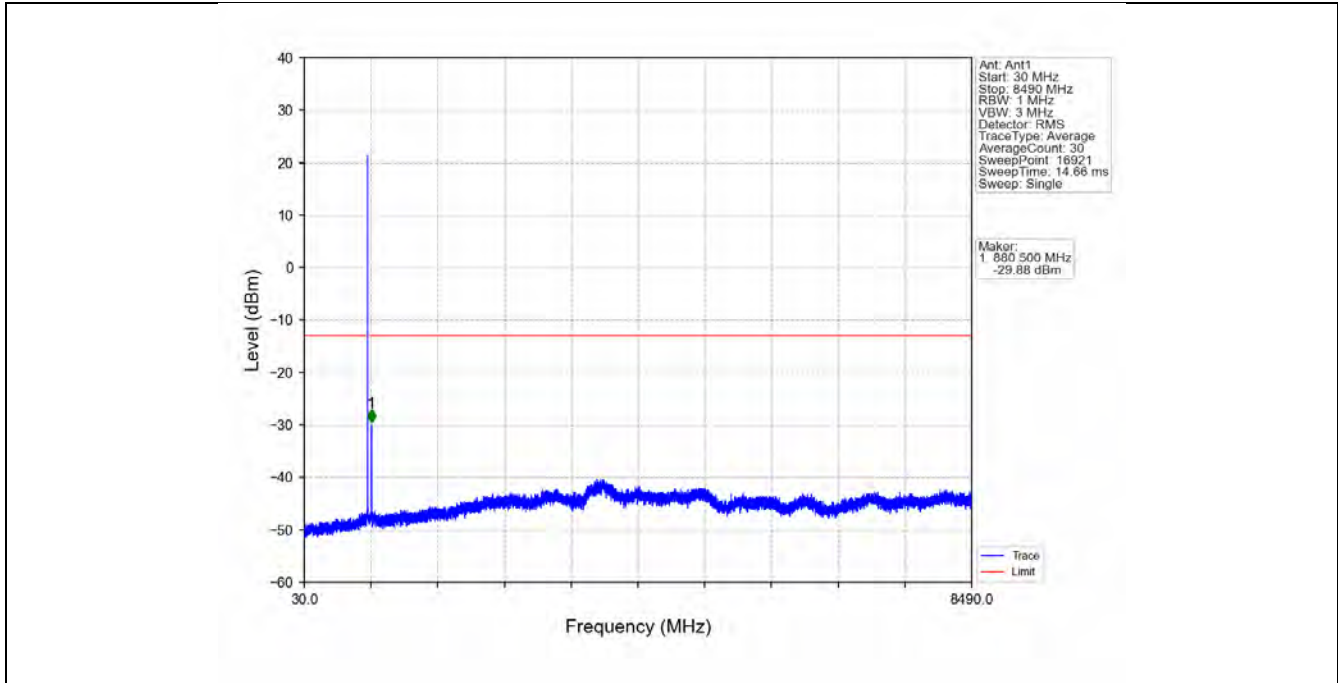


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Report No.: SZCR240100038408

Rev.: 01

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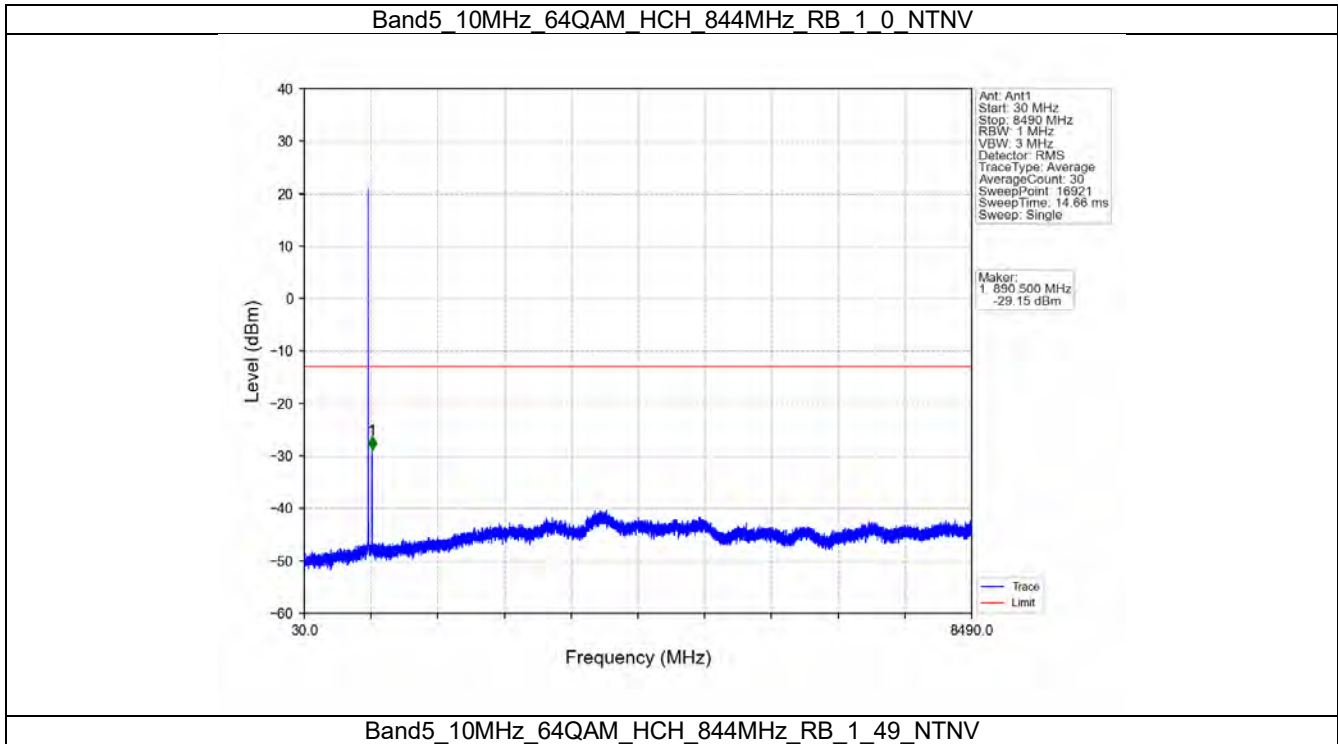


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Report No.: SZCR240100038408

Rev.: 01

Page: 280 of 290



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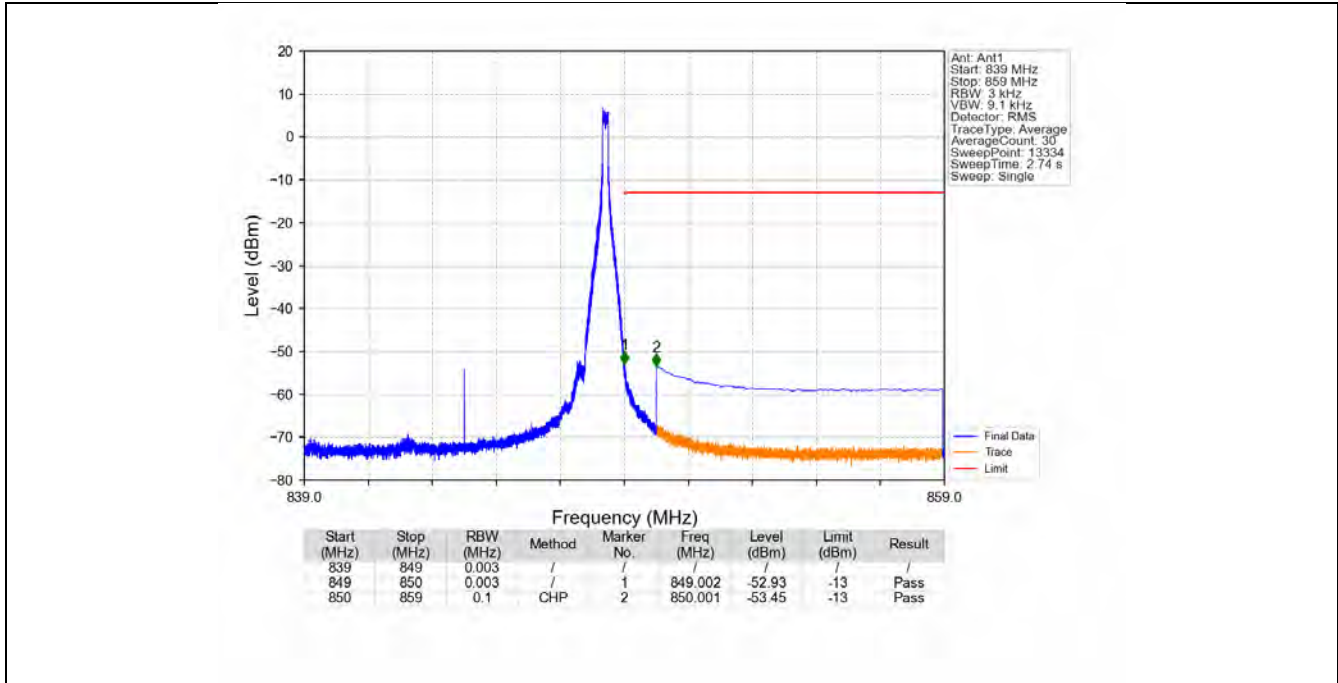


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Report No.: SZCR240100038408

Rev.: 01

Page: 281 of 290



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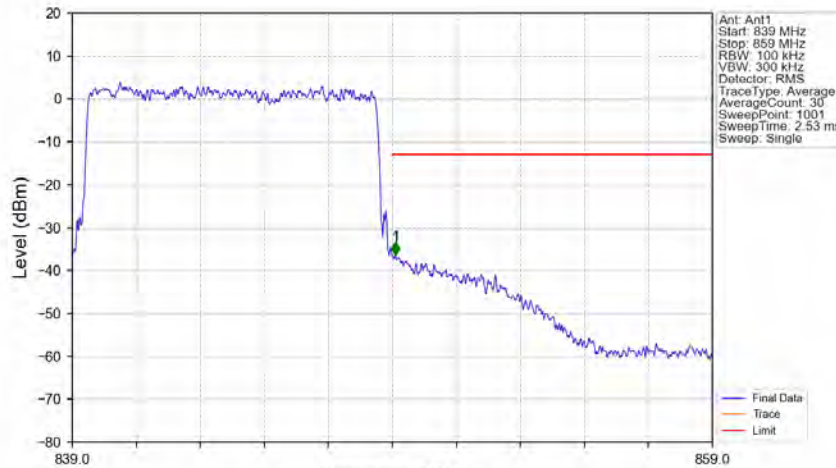
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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 282 of 290

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	859	0.1	/	1	849.100	-36.39	-13	Pass

Band5\_10MHz\_256QAM\_LCH\_829MHz\_RB\_1\_0\_NTNV



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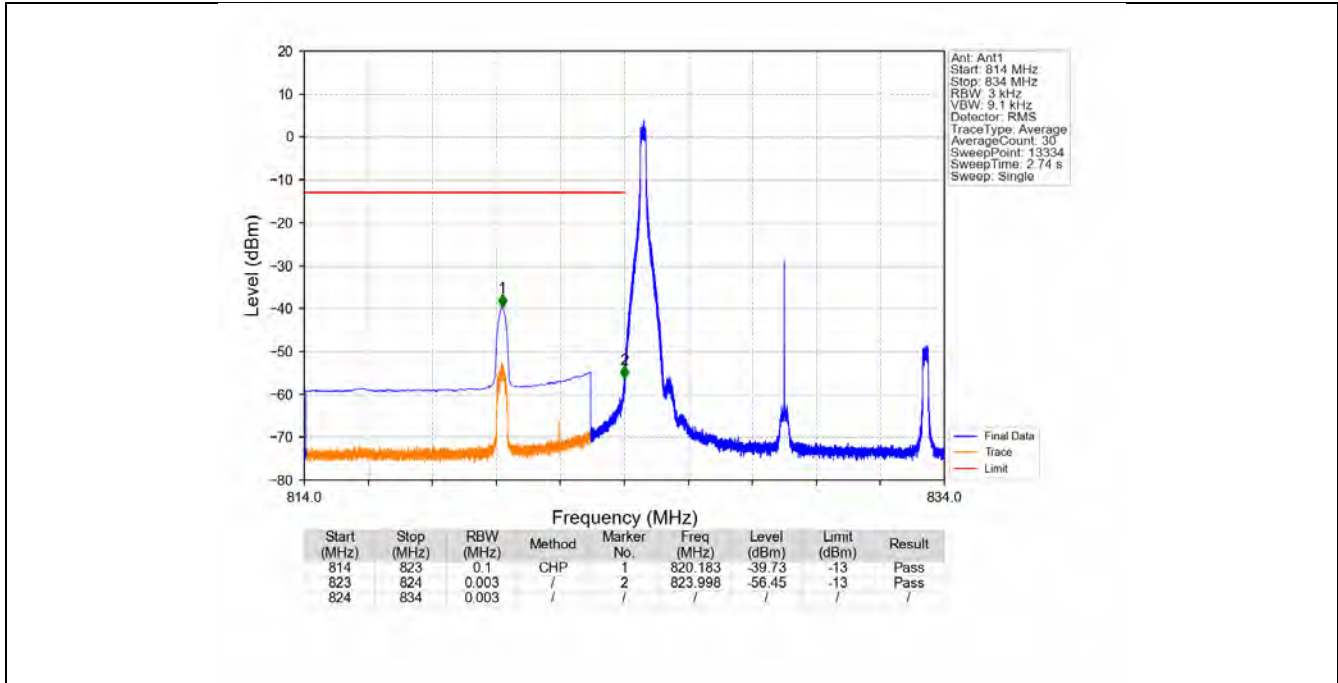


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Report No.: SZCR240100038408

Rev.: 01

Page: 283 of 290



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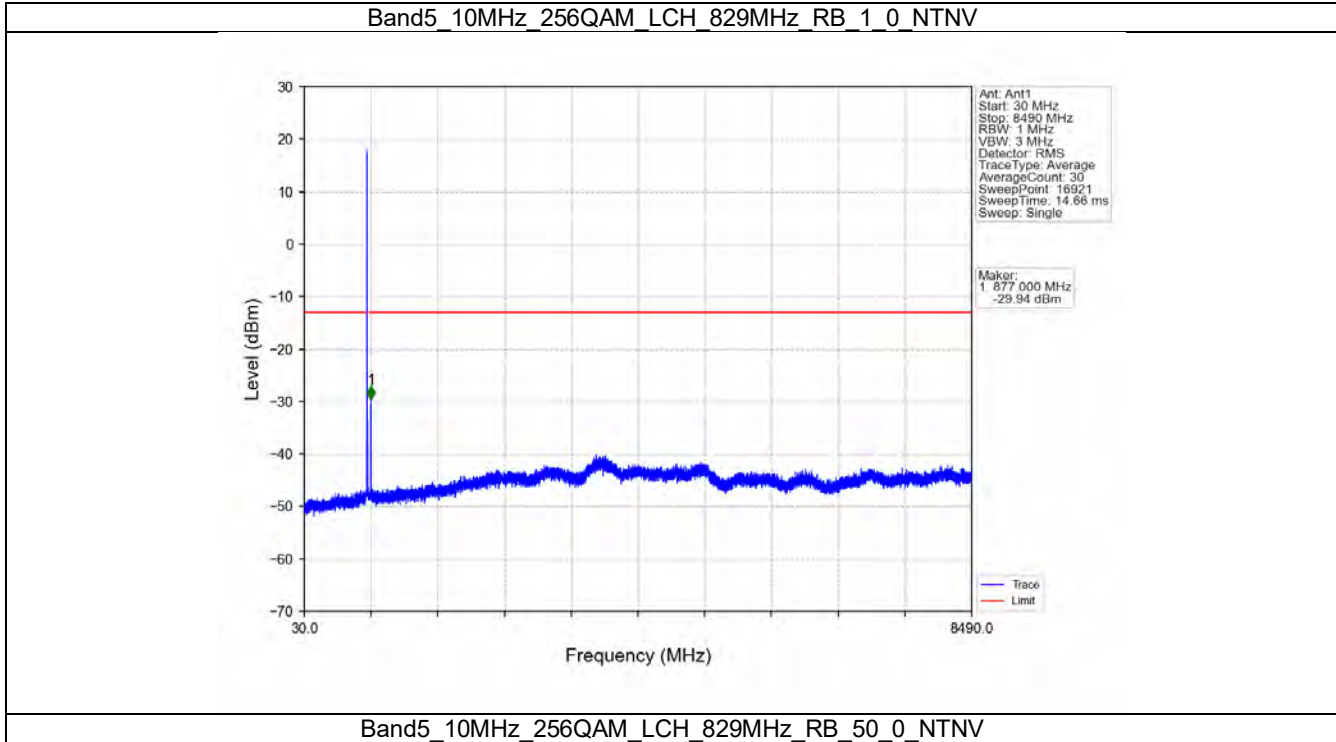


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Report No.: SZCR240100038408

Rev.: 01

Page: 284 of 290



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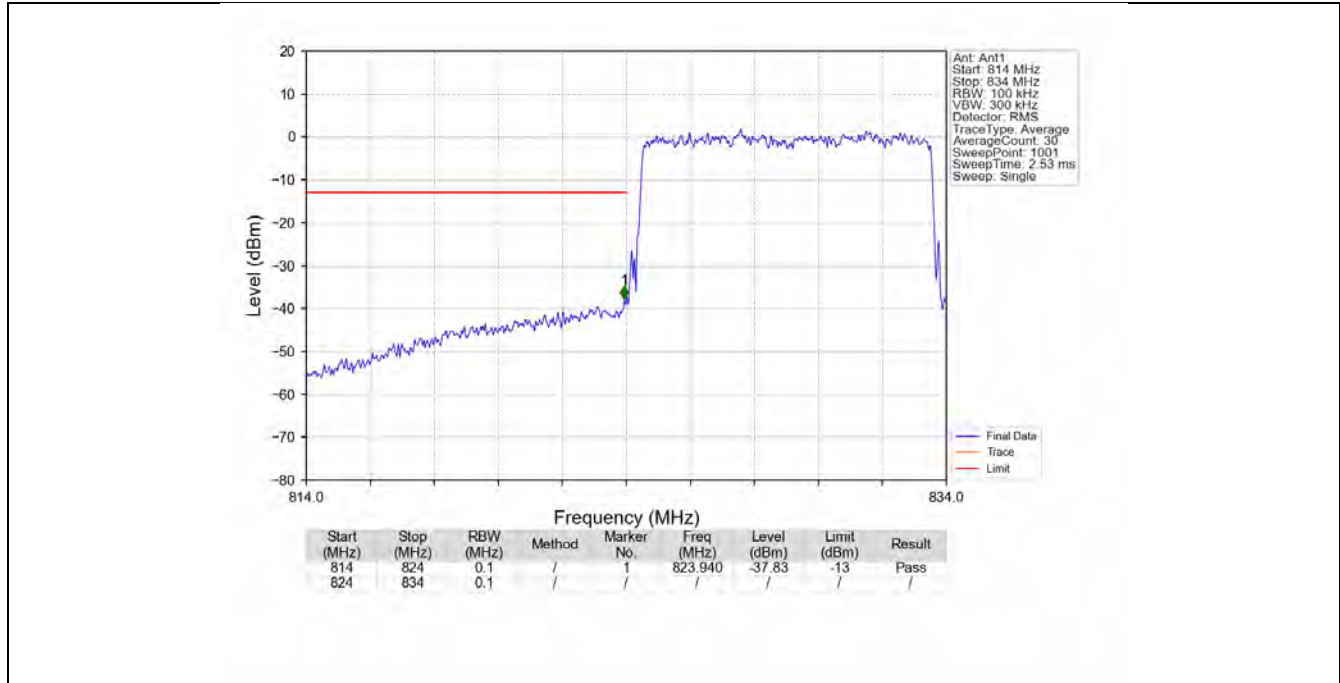


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Report No.: SZCR240100038408

Rev.: 01

Page: 285 of 290



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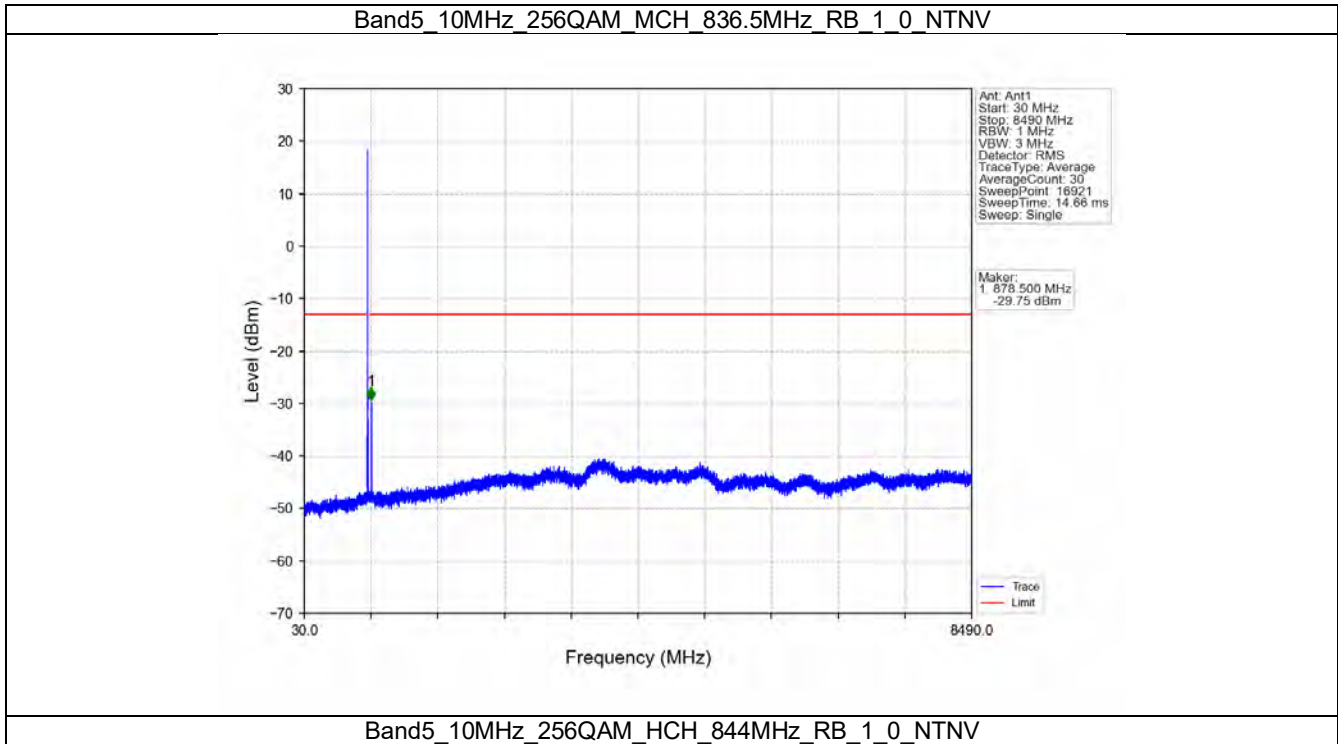


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Report No.: SZCR240100038408

Rev.: 01

Page: 286 of 290



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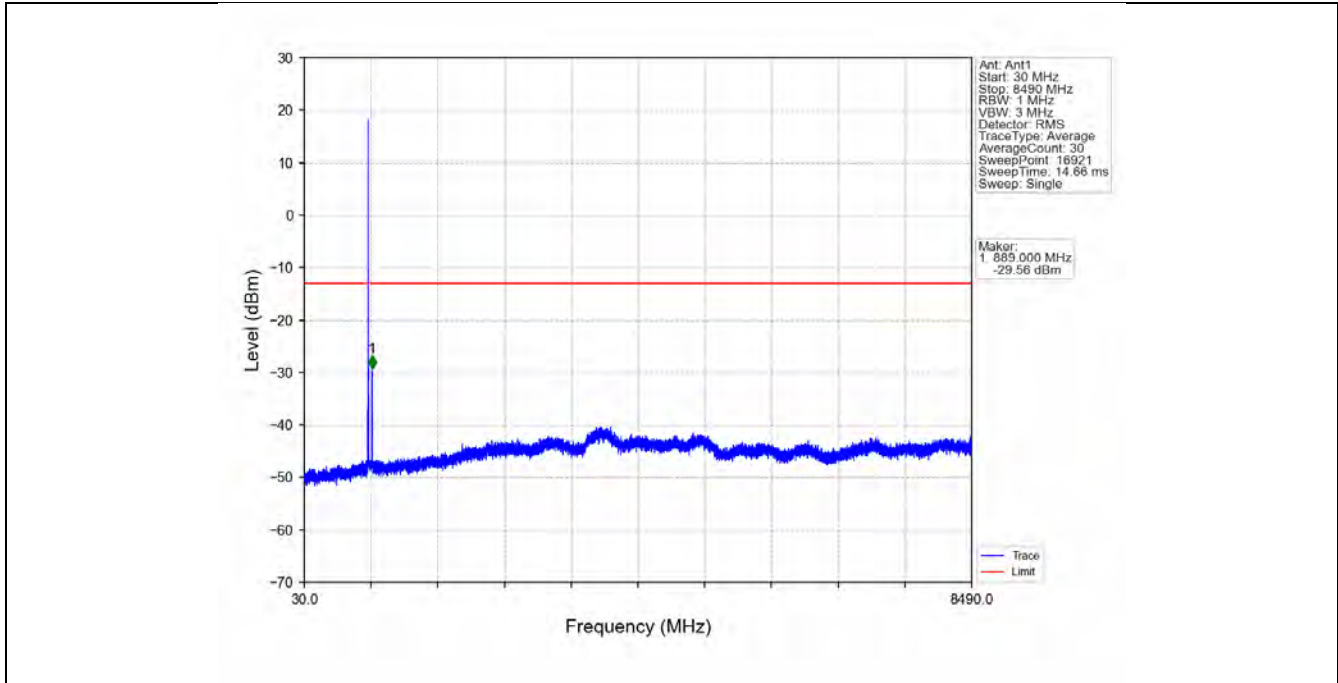


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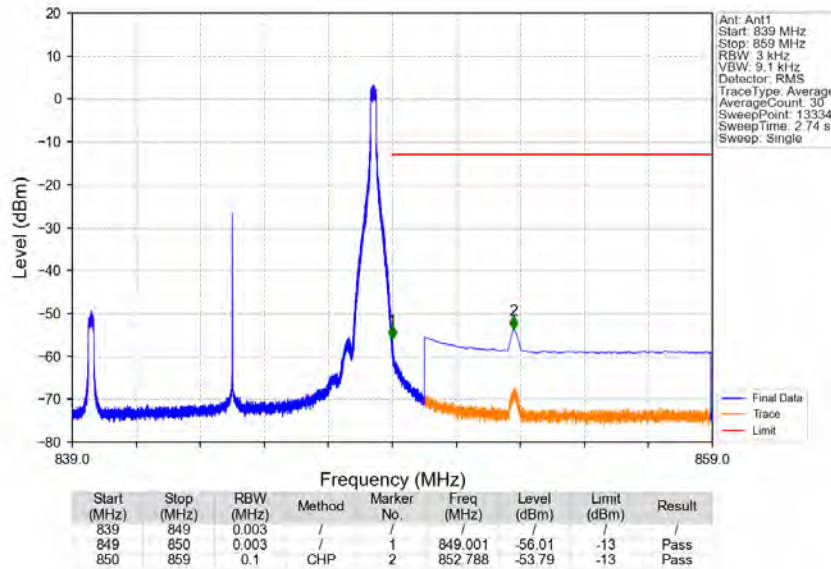
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Report No.: SZCR240100038408

Rev.: 01

Page: 288 of 290

Band5\_10MHz\_256QAM\_HCH\_844MHz\_RB\_1\_49\_NTNV



Band5\_10MHz\_256QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



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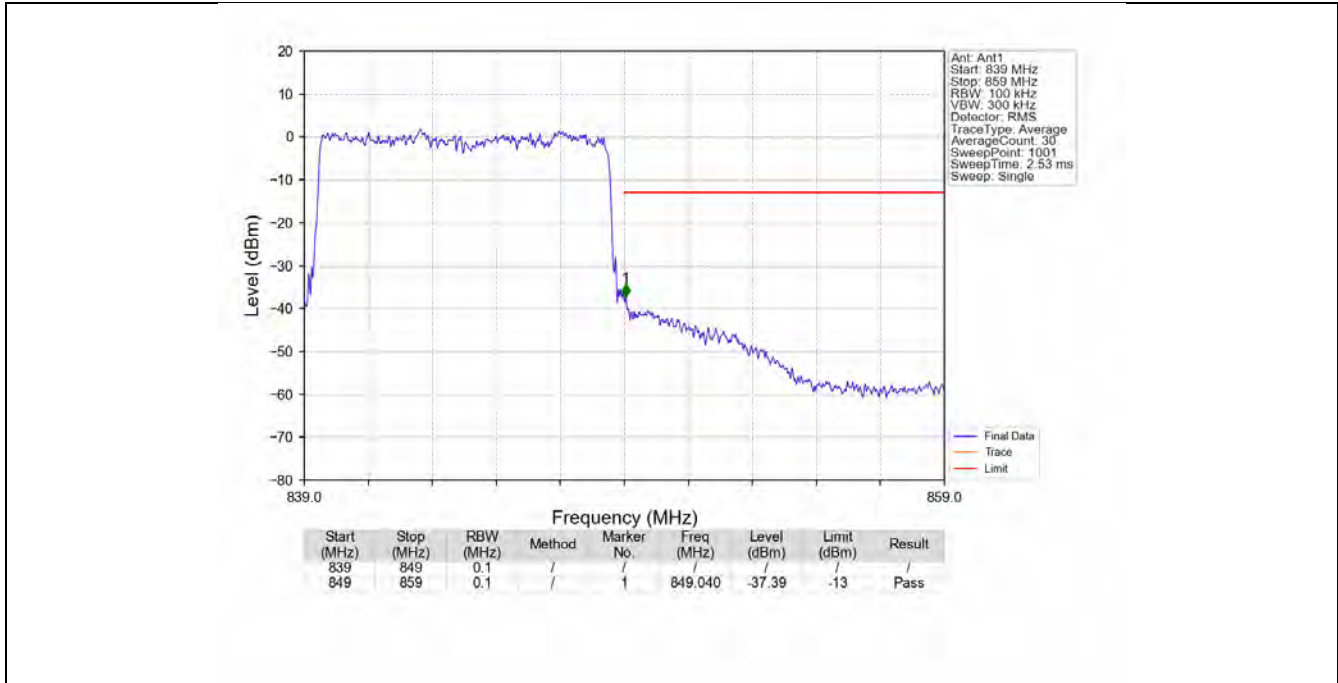


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 Rev.: 01  
 Page: 290 of 290

## 6. Field Strength of Spurious Radiation

LTE Band 5-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649	-65.75	-13	-52.75	-69.625	2	5.88	Horizontal	Pass
2473.5	-46.62	-13	-33.62	-48.89	2.35	4.62	Horizontal	Pass
3298	-55.62	-13	-42.62	-59.58	2.96	6.92	Horizontal	Pass
1649	-64.02	-13	-51.02	-67.895	2	5.88	Vertical	Pass
2473.5	-46.50	-13	-33.50	-48.77	2.35	4.62	Vertical	Pass
3298	-54.34	-13	-41.34	-58.3	2.96	6.92	Vertical	Pass

LTE Band 5-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664	-66.75	-13	-53.75	-70.625	2	5.88	Horizontal	Pass
2496	-58.68	-13	-45.68	-60.95	2.35	4.62	Horizontal	Pass
3328	-54.61	-13	-41.61	-58.57	2.96	6.92	Horizontal	Pass
1664	-63.52	-13	-50.52	-67.395	2	5.88	Vertical	Pass
2496	-58.21	-13	-45.21	-60.48	2.35	4.62	Vertical	Pass
3328	-54.35	-13	-41.35	-58.31	2.96	6.92	Vertical	Pass

LTE Band 5-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679	-66.14	-13	-53.14	-70.015	2	5.88	Horizontal	Pass
2518.5	-59.89	-13	-46.89	-63.045	2.66	5.82	Horizontal	Pass
3358	-54.05	-13	-41.05	-58.01	2.96	6.92	Horizontal	Pass
1679	-63.63	-13	-50.63	-67.505	2	5.88	Vertical	Pass
2518.5	-59.72	-13	-46.72	-62.875	2.66	5.82	Vertical	Pass
3358	-53.99	-13	-40.99	-57.95	2.96	6.92	Vertical	Pass

---End of Attachment---



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