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# Appendix B.13 for KSEM2108001480CR-LTE-Band 26b

- 1. Effective (Isotropic) Radiated Power Output Data
- 1.1 B26b\_1.4MHz\_ERP

## 1.1.1 Test Result

			Band: 26	b / Bandwidth: 1.4MHz	z / NTNV			
Modulation	Frequency	RB All	ocation	Power	Gain	ERP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit	verdict
			0	23.79	-0.60	21.04	<=38.45	Pass
		1	2	23.89	-0.60	21.14	<=38.45	Pass
			5	23.90	-0.60	21.15	<=38.45	Pass
	824.7		0	23.75	-0.60	21.00	<=38.45	Pass
		3	2	23.84	-0.60	21.09	<=38.45	Pass
			3	23.79	-0.60	21.04	<=38.45	Pass
		6	0	22.75	-0.60	20.00	<=38.45	Pass
			0	23.75	-0.60	21.00	<=38.45	Pass
		1	2	23.78	-0.60	21.03	<=38.45	Pass
			5	23.73	-0.60	20.98	<=38.45	Pass
QPSK	836.5		0	23.66	-0.60	20.91	<=38.45	Pass
		3	2	24.01	-0.60	21.26	<=38.45	Pass
			3	23.91	-0.60	21.16	<=38.45	Pass
		6	0	22.87	-0.60	20.12	<=38.45	Pass
			0	23.83	-0.60	21.08	<=38.45	Pass
		1	2	23.94	-0.60	21.19	<=38.45	Pass
			5	23.75	-0.60	21.00	<=38.45	Pass
	848.3		0	23.81	-0.60	21.06	<=38.45	Pass
		3	2	23.99	-0.60	21.24	<=38.45	Pass
			3	23.92	-0.60	21.17	<=38.45	Pass
		6	0	22.83	-0.60	20.08	<=38.45	Pass
			0	22.77	-0.60	20.02	<=38.45	Pass
		1	2	22.94	-0.60	20.19	<=38.45	Pass
			5	22.89	-0.60	20.14	<=38.45	Pass
	824.7		0	22.90	-0.60	20.15	<=38.45	Pass
		3	2	22.84	-0.60	20.09	<=38.45	Pass
			3	22.99	-0.60	20.24	<=38.45	Pass
160414		6	0	21.80	-0.60	19.05	<=38.45	Pass
16QAM			0	22.88	-0.60	20.13	<=38.45	Pass
		1	2	22.99	-0.60	20.24	<=38.45	Pass
			5	22.95	-0.60	20.20	<=38.45	Pass
	836.5		0	23.02	-0.60	20.27	<=38.45	Pass
		3	2	23.02	-0.60	20.27	<=38.45	Pass
			3	23.04	-0.60	20.29	<=38.45	Pass
		6	0	21.95	-0.60	19.20	<=38.45	Pass



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	848.3	3	0	22.92	-0.60	20.17	<=38.45	Pass		
			2	22.95	-0.60	20.20	<=38.45	Pass		
			5	22.76	-0.60	20.01	<=38.45	Pass		
			0	22.88	-0.60	20.13	<=38.45	Pass		
			2	23.03	-0.60	20.28	<=38.45	Pass		
			3	23.09	-0.60	20.34	<=38.45	Pass		
		6	0	21.87	-0.60	19.12	<=38.45	Pass		
Note1: ER	Note1: ERP=Power+Antenna Gain-2.15									

# 1.2 B26b\_3MHz\_ERP

## 1.2.1 Test Result

			Band: 26	6b / Bandwidth: 3MHz	/ NTNV			
Modulation	Frequency	RB All	ocation	Power	Gain	ERP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit	verdict
			0	23.81	-0.60	21.06	<=38.45	Pass
		1	7	23.83	-0.60	21.08	<=38.45	Pass
			14	23.74	-0.60	20.99	<=38.45	Pass
	825.5		0	22.83	-0.60	20.08	<=38.45	Pass
		8	4	22.85	-0.60	20.10	<=38.45	Pass
			7	22.74	-0.60	19.99	<=38.45	Pass
		15	0	22.80	-0.60	20.05	<=38.45	Pass
			0	23.63	-0.60	20.88	<=38.45	Pass
		1	7	23.79	-0.60	21.04	<=38.45	Pass
			14	23.71	-0.60	20.96	<=38.45	Pass
QPSK	836.5	8	0	22.73	-0.60	19.98	<=38.45	Pass
			4	22.82	-0.60	20.07	<=38.45	Pass
			7	22.69	-0.60	19.94	<=38.45	Pass
		15	0	22.72	-0.60	19.97	<=38.45	Pass
			0	23.89	-0.60	21.14	<=38.45	Pass
		1	7	23.79	-0.60	21.04	<=38.45	Pass
			14	23.53	-0.60	20.78	<=38.45	Pass
	847.5		0	22.93	-0.60	20.18	<=38.45	Pass
		8	4	22.94	-0.60	20.19	<=38.45	Pass
			7	22.93	-0.60	20.18	<=38.45	Pass
		15	0	22.90	-0.60	20.15	<=38.45	Pass
			0	22.91	-0.60	20.16	<=38.45	Pass
		1	7	22.96	-0.60	20.21	<=38.45	Pass
			14	23.32	-0.60	20.57	<=38.45	Pass
	825.5		0	21.78	-0.60	19.03	<=38.45	Pass
16QAM		8	4	21.89	-0.60	19.14	<=38.45	Pass
			7	21.93	-0.60	19.18	<=38.45	Pass
		15	0	21.81	-0.60	19.06	<=38.45	Pass
Γ	836.5	1	0	22.84	-0.60	20.09	<=38.45	Pass
	030.5	ı	7	22.83	-0.60	20.08	<=38.45	Pass



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		14	23.26	-0.60	20.51	<=38.45	Pass				
		0	21.72	-0.60	18.97	<=38.45	Pass				
	8	4	21.92	-0.60	19.17	<=38.45	Pass				
		7	21.86	-0.60	19.11	<=38.45	Pass				
	15	0	21.74	-0.60	18.99	<=38.45	Pass				
		0	22.98	-0.60	20.23	<=38.45	Pass				
	1	7	23.24	-0.60	20.49	<=38.45	Pass				
		14	22.87	-0.60	20.12	<=38.45	Pass				
847.5		0	21.98	-0.60	19.23	<=38.45	Pass				
	8	4	22.03	-0.60	19.28	<=38.45	Pass				
		7	21.90	-0.60	19.15	<=38.45	Pass				
	15	0	22.00	-0.60	19.25	<=38.45	Pass				
Note1: ERP=Power+Ante	nna Gain-2.1	Note1: ERP=Power+Antenna Gain-2.15									

## 1.3 B26b\_5MHz\_ERP

## 1.3.1 Test Result

			Band: 26	<u> b / Bandwidth: 5MHz /</u>	NTNV			
Modulation	Frequency	RB All	ocation	Power	Gain	ERP	(dBm)	Verdict
viodulation	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit	Veruici
			0	23.96	-0.60	21.21	<=38.45	Pass
		1	13	23.95	-0.60	21.20	<=38.45	Pass
			24	23.76	-0.60	21.01	<=38.45	Pass
	826.5		0	22.85	-0.60	20.10	<=38.45	Pass
		12	6	22.86	-0.60	20.11	<=38.45	Pass
			13	22.86	-0.60	20.11	<=38.45	Pass
		25	0	22.86	-0.60	20.11	<=38.45	Pass
			0	23.71	-0.60	20.96	<=38.45	Pass
		1	13	23.81	-0.60	21.06	<=38.45	Pass
			24	23.63	-0.60	20.88	<=38.45	Pass
QPSK	836.5		0	22.85	-0.60	20.10	<=38.45	Pass
		12	6	22.77	-0.60	20.02	<=38.45	Pass
			13	22.71	-0.60	19.96	<=38.45	Pass
		25	0	22.81	-0.60	20.06	<=38.45	Pass
			0	23.80	-0.60	21.05	<=38.45	Pass
		1	13	23.93	-0.60	21.18	<=38.45	Pass
			24	23.64	-0.60	20.89	<=38.45	Pass
	846.5		0	22.90	-0.60	20.15	<=38.45	Pass
		12	6	22.89	-0.60	20.14	<=38.45	Pass
			13	22.92	-0.60	20.17	<=38.45	Pass
		25	0	23.00	-0.60	20.25	<=38.45	Pass
			0	23.08	-0.60	20.33	<=38.45	Pass
16QAM	926.5	1	13	22.98	-0.60	20.23	<=38.45	Pass
IOQAIVI	020.5	826.5	24	22.66	-0.60	19.91	<=38.45	Pass
		12	0	21.89	-0.60	19.14	<=38.45	Pass



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		6	21.87	-0.60	19.12	<=38.45	Pass
		13	21.89	-0.60	19.14	<=38.45	Pass
	25	0	21.84	-0.60	19.09	<=38.45	Pass
		0	23.04	-0.60	20.29	<=38.45	Pass
	1	13	22.94	-0.60	20.19	<=38.45	Pass
		24	22.56	-0.60	19.81	<=38.45	Pass
836	3.5	0	21.94	-0.60	19.19	<=38.45	Pass
	12	6	21.82	-0.60	19.07	<=38.45	Pass
		13	21.76	-0.60	19.01	<=38.45	Pass
	25	0	21.85	-0.60	19.10	<=38.45	Pass
		0	22.95	-0.60	20.20	<=38.45	Pass
	1	13	22.77	-0.60	20.02	<=38.45	Pass
		24	23.02	-0.60	20.27	<=38.45	Pass
846	3.5	0	21.94	-0.60	19.19	<=38.45	Pass
	12	6	21.84	-0.60	19.09	<=38.45	Pass
		13	21.95	-0.60	19.20	<=38.45	Pass
	25	0	22.01	-0.60	19.26	<=38.45	Pass

# 1.4 B26b\_10MHz\_ERP

## 1.4.1 Test Result

			Band: 26	b / Bandwidth: 10MHz /	/ NTNV			
Modulation	Frequency	RB All	ocation	Power	Gain	ERP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit	verdict
			0	24.20	-0.60	21.45	<=38.45	Pass
		1	25	24.02	-0.60	21.27	<=38.45	Pass
	829		49	23.85	-0.60	21.10	<=38.45	Pass
			0	23.08	-0.60	20.33	<=38.45	Pass
		25	13	23.01	-0.60	20.26	<=38.45	Pass
			25	22.90	-0.60	20.15	<=38.45	Pass
		50	0	22.93	-0.60	20.18	<=38.45	Pass
		5.5	0	23.93	-0.60	21.18	<=38.45	Pass
QPSK			25	23.90	-0.60	21.15	<=38.45	Pass
QPSK			49	23.82	-0.60	21.07	<=38.45	Pass
	836.5		0	22.83	-0.60	20.08	<=38.45	Pass
		25	13	22.87	-0.60	20.12	<=38.45	Pass
			25	22.80	-0.60	20.05	<=38.45	Pass
		50	0	22.91	-0.60	20.16	<=38.45	Pass
			0	23.95	-0.60	21.20	<=38.45	Pass
	044	1	25	23.89	-0.60	21.14	<=38.45	Pass
	044	844	49	23.61	-0.60	20.86	<=38.45	Pass
		25	0	22.96	-0.60	20.21	<=38.45	Pass



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			13	22.93	-0.60	20.18	<=38.45	Pass
			25	22.85	-0.60	20.10	<=38.45	Pass
		50	0	22.96	-0.60	20.21	<=38.45	Pass
			0	23.06	-0.60	20.31	<=38.45	Pass
		1	25	22.84	-0.60	20.09	<=38.45	Pass
			49	23.24	-0.60	20.49	<=38.45	Pass
	829		0	22.00	-0.60	19.25	<=38.45	Pass
		25	13	22.05	-0.60	19.30	<=38.45	Pass
			25	21.85	-0.60	19.10	<=38.45	Pass
		50	0	21.89	-0.60	19.14	<=38.45	Pass
		1	0	23.13	-0.60	20.38	<=38.45	Pass
			25	22.89	-0.60	20.14	<=38.45	Pass
	836.5		49	23.30	-0.60	20.55	<=38.45	Pass
16QAM		25	0	21.83	-0.60	19.08	<=38.45	Pass
			13	21.95	-0.60	19.20	<=38.45	Pass
			25	21.88	-0.60	19.13	<=38.45	Pass
		50	0	21.91	-0.60	19.16	<=38.45	Pass
			0	23.01	-0.60	20.26	<=38.45	Pass
		1	25	23.36	-0.60	20.61	<=38.45	Pass
			49	22.94	-0.60	20.19	<=38.45	Pass
	844		0	22.05	-0.60	19.30	<=38.45	Pass
		25	13	22.00	-0.60	19.25	<=38.45	Pass
			25	21.90	-0.60	19.15	<=38.45	Pass
		50	0	21.94	-0.60	19.19	<=38.45	Pass

Remark1:

For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Power [dBm] + Gain [dBd]

EIRP [dBm] = Power [dBm] + Gain [dBi]



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# 2. Frequency Stability

## 2.1 B26b\_1.4MHz

#### 2.1.1 Test Result

				Band: 26	b / Bandwic	th: 1.4MHz												
Modulation	Frequency		ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	Verdict									
Modulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	verdict									
					3.27	-2.63	-0.00	-2.5 to 2.5	Pass									
				20	3.85	-1.97	-0.00	-2.5 to 2.5	Pass									
					4.43	-4.96	-0.01	-2.5 to 2.5	Pass									
				-30	3.85	-4.42	-0.01	-2.5 to 2.5	Pass									
				-20	3.85	-5.42	-0.01	-2.5 to 2.5	Pass									
	824.7	6	0	-10	3.85	-4.89	-0.01	-2.5 to 2.5	Pass									
				0	3.85	-3.71	-0.00	-2.5 to 2.5	Pass									
				10	3.85	-6.02	-0.01	-2.5 to 2.5	Pass									
				30	3.85	-8.17	-0.01	-2.5 to 2.5	Pass									
				40	3.85	-9.27	-0.01	-2.5 to 2.5	Pass									
				50	3.85	-11.16	-0.01	-2.5 to 2.5	Pass									
					3.27	0.49	0.00	-2.5 to 2.5	Pass									
				20	3.85	2.57	0.00	-2.5 to 2.5	Pass									
			0		4.43	2.69	0.00	-2.5 to 2.5	Pass									
				-30	3.85	4.89	0.01	-2.5 to 2.5	Pass									
		6		-20	3.85	5.14	0.01	-2.5 to 2.5	Pass									
QPSK	836.5			-10	3.85	7.38	0.01	-2.5 to 2.5	Pass									
					0	3.85	10.63	0.01	-2.5 to 2.5	Pass								
														10	3.85	13.50	0.02	-2.5 to 2.5
				30	3.85	17.08	0.02	-2.5 to 2.5	Pass									
				40	3.85	15.39	0.02	-2.5 to 2.5	Pass									
				50	3.85	14.69	0.02	-2.5 to 2.5	Pass									
					3.27	14.98	0.02	-2.5 to 2.5	Pass									
				20	3.85	14.86	0.02	-2.5 to 2.5	Pass									
					4.43	17.34	0.02	-2.5 to 2.5	Pass									
				-30	3.85	16.68	0.02	-2.5 to 2.5	Pass									
				-20	3.85	13.35	0.02	-2.5 to 2.5	Pass									
	848.3	6	0	-10	3.85	12.10	0.01	-2.5 to 2.5	Pass									
				0	3.85	7.58	0.01	-2.5 to 2.5	Pass									
				10	3.85	4.41	0.01	-2.5 to 2.5	Pass									
				30	3.85	5.61	0.01	-2.5 to 2.5	Pass									
				40	3.85	2.02	0.00	-2.5 to 2.5	Pass									
				50	3.85	0.49	0.00	-2.5 to 2.5	Pass									
16QAM	824.7	6	0	20	3.27	-1.02	-0.00	-2.5 to 2.5	Pass									
IUQAW	024.1	U	0	20	3.85	-1.79	-0.00	-2.5 to 2.5	Pass									



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				4.43	-1.44	-0.00	-2.5 to 2.5	Pass			
			-30	3.85	-1.59	-0.00	-2.5 to 2.5	Pass			
			-20	3.85	-0.72	-0.00	-2.5 to 2.5	Pass			
			-10	3.85	-2.47	-0.00	-2.5 to 2.5	Pass			
			0	3.85	-2.13	-0.00	-2.5 to 2.5	Pass			
			10	3.85	-2.55	-0.00	-2.5 to 2.5	Pass			
			30	3.85	0.01	0.00	-2.5 to 2.5	Pass			
			40	3.85	-1.37	-0.00	-2.5 to 2.5	Pass			
			50	3.85	-3.46	-0.00	-2.5 to 2.5	Pass			
				3.27	8.08	0.01	-2.5 to 2.5	Pass			
			20	3.85	10.23	0.01	-2.5 to 2.5	Pass			
				4.43	12.35	0.01	-2.5 to 2.5	Pass			
			-30	3.85	15.55	0.02	-2.5 to 2.5	Pass			
		0				-20	3.85	17.84	0.02	-2.5 to 2.5	Pass
836.5	6		-10	3.85	16.31	0.02	-2.5 to 2.5	Pass			
			0	3.85	15.51	0.02	-2.5 to 2.5	Pass			
			10	3.85	12.15	0.01	-2.5 to 2.5	Pass			
							30	3.85	11.64	0.01	-2.5 to 2.5
			40	3.85	8.44	0.01	-2.5 to 2.5	Pass			
			50	3.85	5.84	0.01	-2.5 to 2.5	Pass			
				3.27	-6.97	-0.01	-2.5 to 2.5	Pass			
			20	3.85	-8.47	-0.01	-2.5 to 2.5	Pass			
				4.43	-8.90	-0.01	-2.5 to 2.5	Pass			
			-30	3.85	-12.26	-0.01	-2.5 to 2.5	Pass			
			-20	3.85	-12.35	-0.01	-2.5 to 2.5	Pass			
848.3	6	0	-10	3.85	-13.02	-0.02	-2.5 to 2.5	Pass			
			0	3.85	-13.58	-0.02	-2.5 to 2.5	Pass			
			10	3.85	-15.31	-0.02	-2.5 to 2.5	Pass			
			30	3.85	-11.36	-0.01	-2.5 to 2.5	Pass			
			40	3.85	-9.64	-0.01	-2.5 to 2.5	Pass			
			50	3.85	-8.35	-0.01	-2.5 to 2.5	Pass			

## 2.2 B26b\_3MHz

## 2.2.1 Test Result

	Band: 26b / Bandwidth: 3MHz											
Modulation	Frequency	RB Allocation		Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)		Verdict			
Modulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	verdict			
					3.27	3.16	0.00	-2.5 to 2.5	Pass			
				20	3.85	3.49	0.00	-2.5 to 2.5	Pass			
					4.43	0.59	0.00	-2.5 to 2.5	Pass			
QPSK	825.5	15	0	-30	3.85	0.39	0.00	-2.5 to 2.5	Pass			
				-20	3.85	1.13	0.00	-2.5 to 2.5	Pass			
				-10	3.85	0.94	0.00	-2.5 to 2.5	Pass			
				0	3.85	-1.67	-0.00	-2.5 to 2.5	Pass			



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				10	3.85	1.26	0.00	-2.5 to 2.5	Pass														
				30			0.00	-2.5 to 2.5	Pass														
				40	3.85	1.12																	
					3.85	2.80	0.00	-2.5 to 2.5	Pass														
				50	3.85	2.33	0.00	-2.5 to 2.5	Pass														
				20	3.27	1.36	0.00	-2.5 to 2.5	Pass														
				20	3.85	3.42	0.00	-2.5 to 2.5	Pass														
				20	4.43	2.89	0.00	-2.5 to 2.5	Pass														
				-30	3.85	2.92	0.00	-2.5 to 2.5	Pass														
	200 5	45		-20	3.85	2.99	0.00	-2.5 to 2.5	Pass														
	836.5	15	0	-10	3.85	3.22	0.00	-2.5 to 2.5	Pass														
				0	3.85	3.19	0.00	-2.5 to 2.5	Pass														
				10	3.85	2.78	0.00	-2.5 to 2.5	Pass														
				30	3.85	0.59	0.00	-2.5 to 2.5	Pass														
				40	3.85	1.50	0.00	-2.5 to 2.5	Pass														
				50	3.85	1.86	0.00	-2.5 to 2.5	Pass														
					3.27	0.53	0.00	-2.5 to 2.5	Pass														
				20	3.85	2.09	0.00	-2.5 to 2.5	Pass														
					4.43	1.39	0.00	-2.5 to 2.5	Pass														
				-30	3.85	1.54	0.00	-2.5 to 2.5	Pass														
				-20	3.85	2.39	0.00	-2.5 to 2.5	Pass														
	847.5	15	0	-10	3.85	0.09	0.00	-2.5 to 2.5	Pass														
				0	3.85	0.33	0.00	-2.5 to 2.5	Pass														
				10	3.85	-1.29	-0.00	-2.5 to 2.5	Pass														
				30	3.85	-0.39	-0.00	-2.5 to 2.5	Pass														
				40	3.85	2.56	0.00	-2.5 to 2.5	Pass														
				50	3.85	0.67	0.00	-2.5 to 2.5	Pass														
					3.27	3.76	0.00	-2.5 to 2.5	Pass														
																		20	3.85	3.59	0.00	-2.5 to 2.5	Pass
												4.43	3.68	0.00	-2.5 to 2.5	Pass							
							-30	3.85	3.76	0.00	-2.5 to 2.5	Pass											
				-20	3.85	3.78	0.00	-2.5 to 2.5	Pass														
	825.5	15	0	-10	3.85	3.91	0.00	-2.5 to 2.5	Pass														
				0	3.85	4.06	0.00	-2.5 to 2.5	Pass														
				10	3.85	3.63	0.00	-2.5 to 2.5	Pass														
				30	3.85	3.58	0.00	-2.5 to 2.5	Pass														
				40	3.85	3.95	0.00	-2.5 to 2.5	Pass														
16QAM				50	3.85	2.95	0.00	-2.5 to 2.5	Pass														
IOQAW					3.27	3.71	0.00	-2.5 to 2.5	Pass														
				20	3.85	3.69	0.00	-2.5 to 2.5	Pass														
					4.43	1.02	0.00	-2.5 to 2.5	Pass														
	836.5 15		-30	3.85	0.16	0.00	-2.5 to 2.5	Pass															
			-20	3.85	-0.16	-0.00	-2.5 to 2.5	Pass															
		0	-10	3.85	1.02	0.00	-2.5 to 2.5	Pass															
		836.5		0	3.85	2.75	0.00	-2.5 to 2.5	Pass														
				10	3.85	2.73	0.00	-2.5 to 2.5	Pass														
				30	3.85	2.82	0.00	-2.5 to 2.5	Pass														
				40	3.85	3.12	0.00	-2.5 to 2.5	Pass														
				50	3.85	0.41	0.00	-2.5 to 2.5	Pass														



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				3.27	-0.24	-0.00	-2.5 to 2.5	Pass
			20	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
				4.43	-0.54	-0.00	-2.5 to 2.5	Pass
			-30	3.85	-0.39	-0.00	-2.5 to 2.5	Pass
			-20	3.85	-0.46	-0.00	-2.5 to 2.5	Pass
847.5	15	0	-10	3.85	-0.26	-0.00	-2.5 to 2.5	Pass
			0	3.85	-0.56	-0.00	-2.5 to 2.5	Pass
			10	3.85	0.06	0.00	-2.5 to 2.5	Pass
			30	3.85	-1.12	-0.00	-2.5 to 2.5	Pass
			40	3.85	-0.47	-0.00	-2.5 to 2.5	Pass
			50	3.85	-0.96	-0.00	-2.5 to 2.5	Pass

## 2.3 B26b 5MHz

## 2.3.1 Test Result

				Band: 2	6b / Bandwi	dth: 5MHz			
Modulation	Frequency	RB All	ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	Verdict
viodulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	Verdict
					3.27	-0.47	-0.00	-2.5 to 2.5	Pass
				20	3.85	0.49	0.00	-2.5 to 2.5	Pass
					4.43	-0.86	-0.00	-2.5 to 2.5	Pass
	826.5 25			-30	3.85	-1.09	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.04	-0.00	-2.5 to 2.5	Pass
		25	0	-10	3.85	0.21	0.00	-2.5 to 2.5	Pass
				0	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.06	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.30	0.00	-2.5 to 2.5	Pass
				50	3.85	0.92	0.00	-2.5 to 2.5	Pass
					3.27	1.42	0.00	-2.5 to 2.5	Pass
				20	3.85	2.00	0.00	-2.5 to 2.5	Pass
QPSK					4.43	1.89	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.21	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
	836.5	25	0	-10	3.85	-0.21	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.36	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.40	-0.00	-2.5 to 2.5	Pass
				30	3.85	1.63	0.00	-2.5 to 2.5	Pass
				40	3.85	-1.09	-0.00	-2.5 to 2.5	Pass
	846.5 25			50	3.85	-1.36	-0.00	-2.5 to 2.5	Pass
				3.27	1.80	0.00	-2.5 to 2.5	Pass	
			20	3.85	2.09	0.00	-2.5 to 2.5	Pass	
		25	0		4.43	-1.14	-0.00	-2.5 to 2.5	Pass
				-30	3.85	1.22	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.62	0.00	-2.5 to 2.5	Pass



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Record   R			T							_
10					-10	3.85	-1.22	-0.00	-2.5 to 2.5	Pass
30   3.85   1.79   0.00   -2.5 to 2.5   Pass										
16QAM					10	3.85		0.00	-2.5 to 2.5	Pass
SO					30	3.85	1.79	0.00	-2.5 to 2.5	Pass
Record   R					40	3.85	2.17	0.00	-2.5 to 2.5	Pass
Record   R					50	3.85	1.00	0.00	-2.5 to 2.5	Pass
Record   R						3.27	-1.60	-0.00	-2.5 to 2.5	Pass
Record   R					20	3.85	-2.79	-0.00	-2.5 to 2.5	Pass
Record   R						4.43	-2.39	-0.00	-2.5 to 2.5	Pass
Record   R					-30	3.85	-2.32	-0.00	-2.5 to 2.5	Pass
16QAM 836.5 25 0 3.85 -0.41 -0.00 -2.5 to 2.5 Pass					-20	3.85	-1.76	-0.00	-2.5 to 2.5	
10   3.85   -0.87   -0.00   -2.5 to 2.5   Pass		826.5	25	0	-10	3.85	-0.60	-0.00	-2.5 to 2.5	Pass
16QAM   836.5   25   0   3.85   -0.70   -0.00   -2.5 to 2.5   Pass					0	3.85	-0.41	-0.00	-2.5 to 2.5	Pass
16QAM   836.5   25   0   3.85   -0.70   -0.00   -2.5 to 2.5   Pass					10	3.85	-0.87	-0.00	-2.5 to 2.5	Pass
16QAM					30	3.85		-0.00	-2.5 to 2.5	Pass
16QAM   836.5   25   0   3.85   -2.40   -0.00   -2.5 to 2.5   Pass						3.85	-2.33	-0.00		Pass
16QAM 836.5 25 0 3.85 -0.43 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.43 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.77 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.79 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.80 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.80 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.20 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.0					50	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
16QAM 836.5 25 0 3.85 -0.43 -0.00 -2.5 to 2.5 Pass -30 3.85 -0.90 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.90 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.79 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.80 -0.00 -2.5 to 2.5 Pass -0 3.85 -0.80 -0.00 -2.5 to 2.5 Pass -0 3.85 -0.80 -0.00 -2.5 to 2.5 Pass -0 3.85 -0.20 -0.00 -2.5 to 2.5 Pass -10 3.85 -0.20 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.75 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.75 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.79 -0.00 -2.5 to 2.5 Pass -20 3.85 -0.50 -0.00 -						3.27		-0.00	-2.5 to 2.5	Pass
16QAM					20	3.85		-0.00		Pass
16QAM						4.43	-0.77	-0.00		Pass
16QAM 836.5 25 0					-30	3.85				Pass
16QAM       836.5       25       0       -10       3.85       -0.43       -0.00       -2.5 to 2.5       Pass         10       3.85       -0.80       -0.00       -2.5 to 2.5       Pass         30       3.85       -0.20       -0.00       -2.5 to 2.5       Pass         40       3.85       0.07       0.00       -2.5 to 2.5       Pass         40       3.85       0.31       0.00       -2.5 to 2.5       Pass         50       3.85       2.20       0.00       -2.5 to 2.5       Pass         20       3.85       3.60       0.00       -2.5 to 2.5       Pass         20       3.85       3.60       0.00       -2.5 to 2.5       Pass         4.43       2.26       0.00       -2.5 to 2.5       Pass         -30       3.85       2.75       0.00       -2.5 to 2.5       Pass         -20       3.85       2.79       0.00       -2.5 to 2.5       Pass         0       3.85       1.50       0.00       -2.5 to 2.5       Pass         10       3.85       2.62       0.00       -2.5 to 2.5       Pass         10       3.85       2.62       0.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
0   3.85   -0.80   -0.00   -2.5 to 2.5   Pass	16QAM	836.5	25	0						
10   3.85   -0.20   -0.00   -2.5 to 2.5   Pass					0	3.85	-0.80			Pass
30   3.85   0.07   0.00   -2.5 to 2.5   Pass					10					Pass
40   3.85   0.31   0.00   -2.5 to 2.5   Pass										
So										
Reference										
846.5     25       0     3.85     3.60     0.00     -2.5 to 2.5     Pass       -30     3.85     2.75     0.00     -2.5 to 2.5     Pass       -20     3.85     2.79     0.00     -2.5 to 2.5     Pass       -10     3.85     1.50     0.00     -2.5 to 2.5     Pass       0     3.85     1.34     0.00     -2.5 to 2.5     Pass       10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass										
846.5     25       0     4.43     2.26     0.00     -2.5 to 2.5     Pass       -30     3.85     2.75     0.00     -2.5 to 2.5     Pass       -20     3.85     2.79     0.00     -2.5 to 2.5     Pass       0     3.85     1.50     0.00     -2.5 to 2.5     Pass       0     3.85     1.34     0.00     -2.5 to 2.5     Pass       10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass					20	<u> </u>				
Reference										
846.5     25       -20     3.85     2.79     0.00     -2.5 to 2.5     Pass       -10     3.85     1.50     0.00     -2.5 to 2.5     Pass       0     3.85     1.34     0.00     -2.5 to 2.5     Pass       10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass					-30					
846.5     25     0     -10     3.85     1.50     0.00     -2.5 to 2.5     Pass       0     3.85     1.34     0.00     -2.5 to 2.5     Pass       10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass										
0     3.85     1.34     0.00     -2.5 to 2.5     Pass       10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass		846.5	25	0						
10     3.85     2.62     0.00     -2.5 to 2.5     Pass       30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass		0.0.0	25							
30     3.85     2.05     0.00     -2.5 to 2.5     Pass       40     3.85     2.83     0.00     -2.5 to 2.5     Pass										
40 3.85 2.83 0.00 -2.5 to 2.5 Pass										
					50	3.85	2.06	0.00	-2.5 to 2.5	Pass

## 2.4 B26b 10MHz

## 2.4.1 Test Result

			Band: 26	b / Bandwid	dth: 10MHz		
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict



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	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
	, ,				3.27	0.94	0.00	-2.5 to 2.5	Pass
				20	3.85	-0.14	-0.00	-2.5 to 2.5	Pass
					4.43	1.17	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.57	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.09	-0.00	-2.5 to 2.5	Pass
	829	50	0	-10	3.85	2.26	0.00	-2.5 to 2.5	Pass
				0	3.85	-0.36	-0.00	-2.5 to 2.5	Pass
				10	3.85	1.44	0.00	-2.5 to 2.5	Pass
				30	3.85	-1.40	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.56	0.00	-2.5 to 2.5	Pass
				50	3.85	0.94	0.00	-2.5 to 2.5	Pass
					3.27	-0.44	-0.00	-2.5 to 2.5	Pass
				20	3.85	1.66	0.00	-2.5 to 2.5	Pass
					4.43	1.76	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.44	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
QPSK	836.5	50	0	-10	3.85	-0.13	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.06	0.00	-2.5 to 2.5	Pass
				10	3.85	1.27	0.00	-2.5 to 2.5	Pass
				30	3.85	1.96	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.93	-0.00	-2.5 to 2.5	Pass
				50	3.85	1.65	0.00	-2.5 to 2.5	Pass
					3.27	1.09	0.00	-2.5 to 2.5	Pass
				20	3.85	0.84	0.00	-2.5 to 2.5	Pass
					4.43	1.49	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.77	0.00	-2.5 to 2.5	Pass
	844	50	0	-10	3.85	-0.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.72	0.00	-2.5 to 2.5	Pass
				10	3.85	1.32	0.00	-2.5 to 2.5	Pass
				30	3.85	-0.17	-0.00	-2.5 to 2.5	Pass
				40	3.85	1.87	0.00	-2.5 to 2.5	Pass
				50	3.85	0.94	0.00	-2.5 to 2.5	Pass
					3.27	1.14	0.00	-2.5 to 2.5	Pass
				20	3.85	1.29	0.00	-2.5 to 2.5	Pass
					4.43	-0.19	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.53	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.50	-0.00	-2.5 to 2.5	Pass
	829	50	0	-10	3.85	-0.49	-0.00	-2.5 to 2.5	Pass
16QAM				0	3.85	0.14	0.00	-2.5 to 2.5	Pass
				10	3.85	-0.26	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.59	0.00	-2.5 to 2.5	Pass
				40	3.85	1.59	0.00	-2.5 to 2.5	Pass
				50	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
					3.27	0.87	0.00	-2.5 to 2.5	Pass
	836.5	50	0	20	3.85	0.07	0.00	-2.5 to 2.5	Pass
					4.43	1.00	0.00	-2.5 to 2.5	Pass



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			-30	3.85	1.49	0.00	-2.5 to 2.5	Pass
			-20	3.85	0.49	0.00	-2.5 to 2.5	Pass
			-10	3.85	0.92	0.00	-2.5 to 2.5	Pass
			0	3.85	-0.62	-0.00	-2.5 to 2.5	Pass
			10	3.85	1.37	0.00	-2.5 to 2.5	Pass
			30	3.85	0.67	0.00	-2.5 to 2.5	Pass
			40	3.85	1.03	0.00	-2.5 to 2.5	Pass
			50	3.85	1.06	0.00	-2.5 to 2.5	Pass
				3.27	1.53	0.00	-2.5 to 2.5	Pass
			20	3.85	1.12	0.00	-2.5 to 2.5	Pass
				4.43	0.29	0.00	-2.5 to 2.5	Pass
			-30	3.85	0.43	0.00	-2.5 to 2.5	Pass
			-20	3.85	0.13	0.00	-2.5 to 2.5	Pass
844	50	0	-10	3.85	1.19	0.00	-2.5 to 2.5	Pass
			0	3.85	0.64	0.00	-2.5 to 2.5	Pass
			10	3.85	0.82	0.00	-2.5 to 2.5	Pass
			30	3.85	1.67	0.00	-2.5 to 2.5	Pass
			40	3.85	0.94	0.00	-2.5 to 2.5	Pass
			50	3.85	1.70	0.00	-2.5 to 2.5	Pass

## 3. Modulation Characteristics

3.1 B26b\_1.4MHz

## 3.1.1 Test Result

	Band: 26b / Bandwidth: 1.4MHz / NTNV										
Modulation Frequency RB Allocation Modulation Characteristics Verdict											
Modulation	(MHz)	Size	Offset	Result	Limit	verdict					
QPSK	836.5	6	0	Refer To Tes	t Graph	Pass					
16QAM	836.5	6	0	Refer To Tes	t Graph	Pass					



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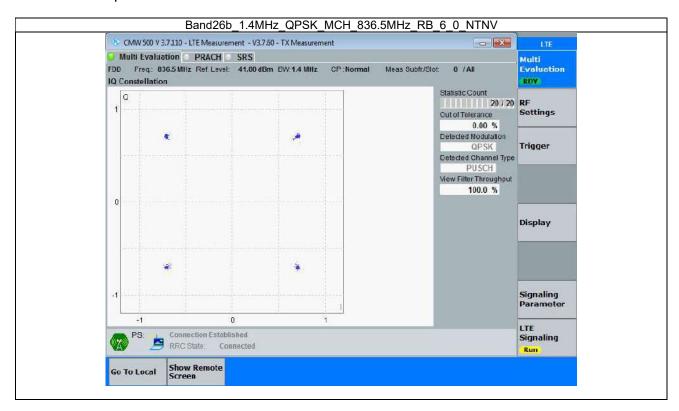
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## 3.1.2 Test Graph





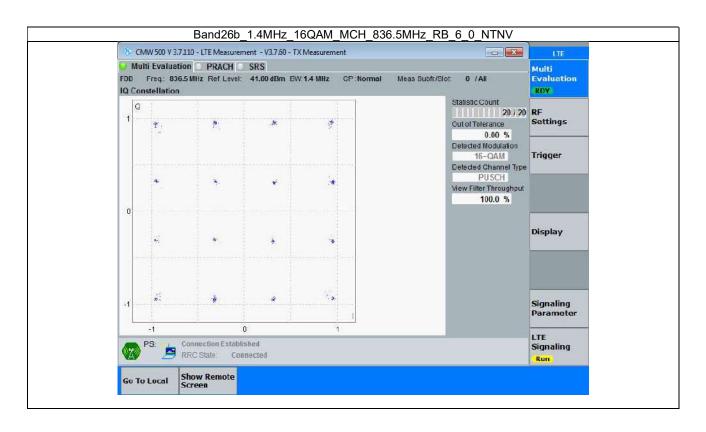
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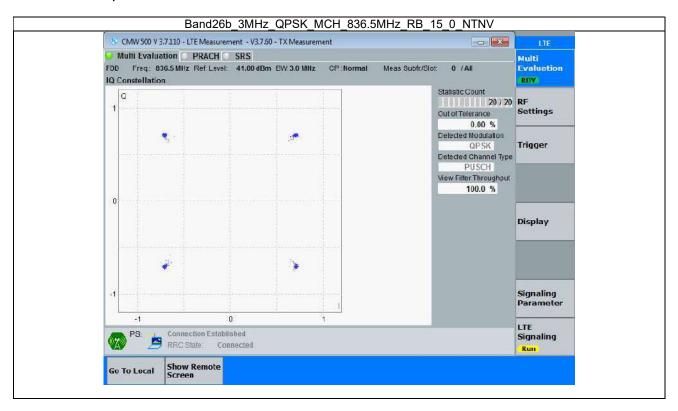
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## 3.2 B26b\_3MHz

#### 3.2.1 Test Result

	Band: 26b / Bandwidth: 3MHz / NTNV										
Modulation	Modulation Frequency RB Allocation Modulation Characteristics										
Modulation	(MHz)	Size	Offset	Result	Limit	Verdict					
QPSK	836.5	15	0	Refer To Test	Graph	Pass					
16QAM	836.5	15	0	Refer To Test	Graph	Pass					

## 3.2.2 Test Graph





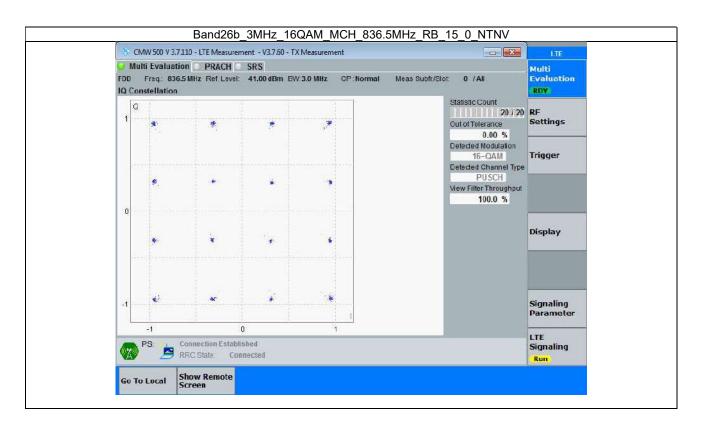
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## 3.3 B26b\_5MHz

#### 3.3.1 Test Result

	Band: 26b / Bandwidth: 5MHz / NTNV										
Modulation	edulation Frequency RB Allocation Modulation Characteristics										
Modulation	(MHz)	Size	Offset	Result	Limit	Verdict					
QPSK	836.5	25	0	Refer To Test	Graph	Pass					
16QAM	836.5	25	0	Refer To Test	Graph	Pass					



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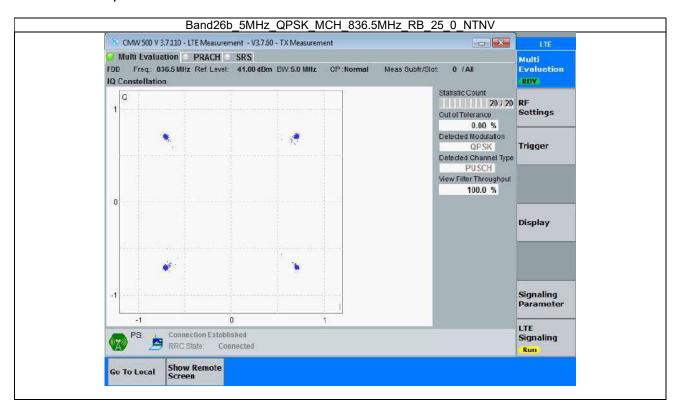
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## 3.3.2 Test Graph





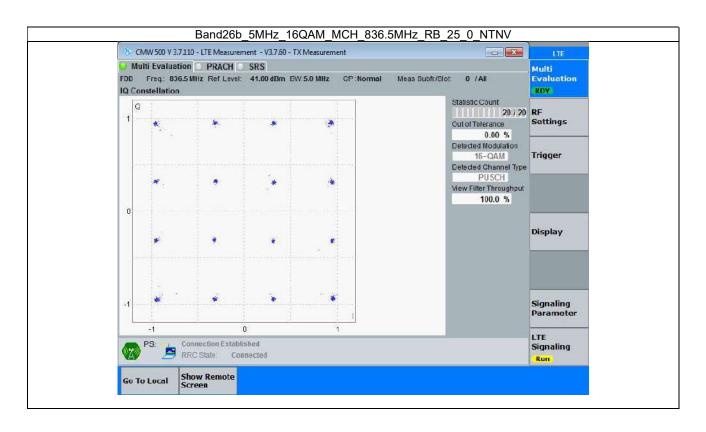
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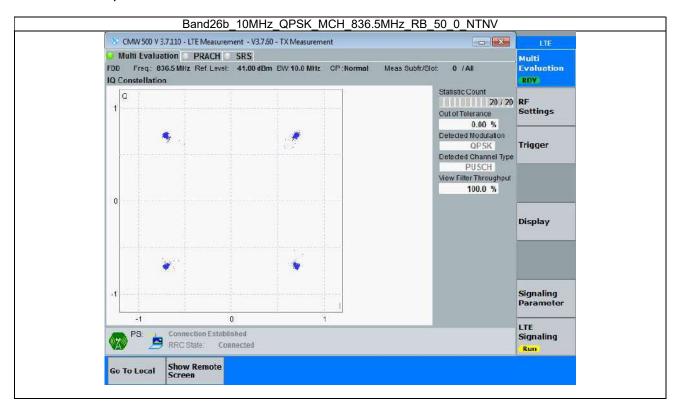
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## 3.4 B26b\_10MHz

#### 3.4.1 Test Result

	Band: 26b / Bandwidth: 10MHz / NTNV										
Modulation	Frequency	RB Allo	ocation	Modulation Char	Iodulation Characteristics						
Modulation	(MHz)	Size	Offset	Result	Limit	Verdict					
QPSK	836.5	50	0	Refer To Test	Graph	Pass					
16QAM	836.5	50	0	Refer To Test	Graph	Pass					

## 3.4.2 Test Graph





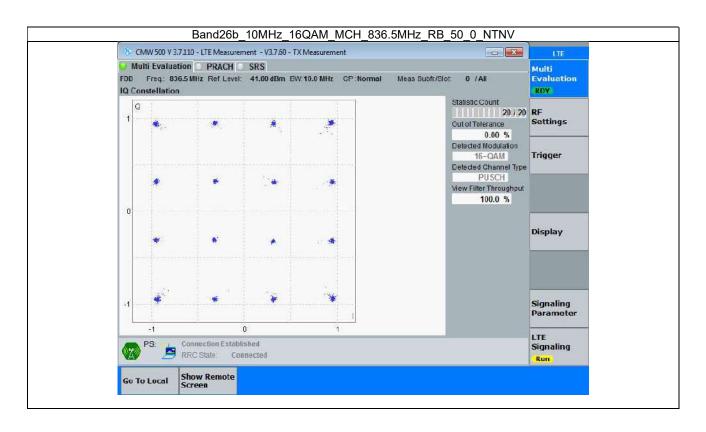
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## 4. 99% & 26dB Bandwidth

## 4.1 Band26b\_OBW

## 4.1.1 Test Result

				6b / NTNV		
Bandwidth (MHz)	Modulation	Frequency	RB All	ocation	99% Occupied Bandwidth (MHz)	Verdict
Danuwidin (MI12)	iviodulation	(MHz)	Size	Offset	Result	Verdict
		824.7	6	0	1.123	Pass
	QPSK	836.5	6	0	1.123	Pass
1.4		848.3	6	0	1.118	Pass
1.4		824.7	6	0	1.116	Pass
	16QAM	836.5	6	0	1.117	Pass
		848.3	6	0	1.120	Pass
		825.5	15	0	2.736	Pass
	QPSK	836.5	15	0	2.757	Pass
3		847.5	15	0	2.728	Pass
3	16QAM	825.5	15	0	2.738	Pass
		836.5	15	0	2.741	Pass
		847.5	15	0	2.736	Pass
		826.5	25	0	4.566	Pass
	QPSK	836.5	25	0	4.539	Pass
5		846.5	25	0	4.549	Pass
3		826.5	25	0	4.549	Pass
	16QAM	836.5	25	0	4.575	Pass
		846.5	25	0	4.562	Pass
		829	50	0	9.089	Pass
	QPSK	836.5	50	0	9.041	Pass
10		844	50	0	9.020	Pass
10		829	50	0	9.062	Pass
	16QAM	836.5	50	0	9.024	Pass
		844	50	0	9.027	Pass



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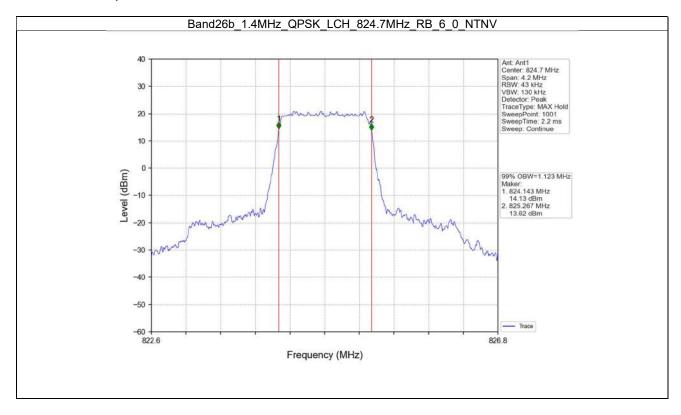
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# 4.1.2 Test Graph





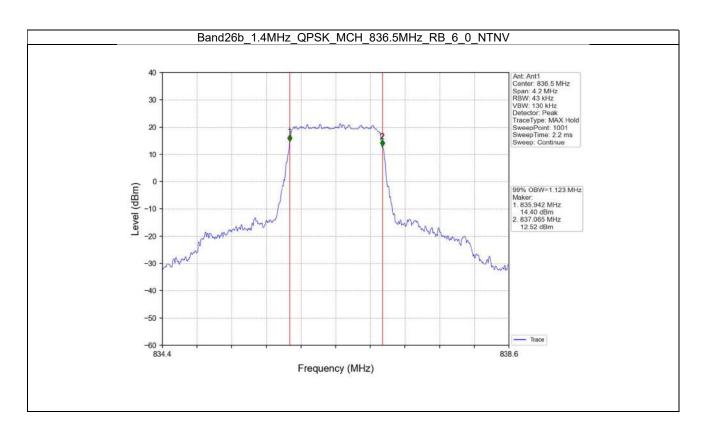
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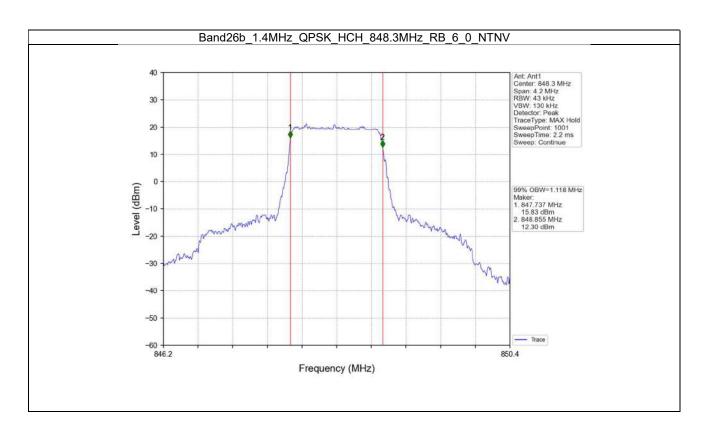
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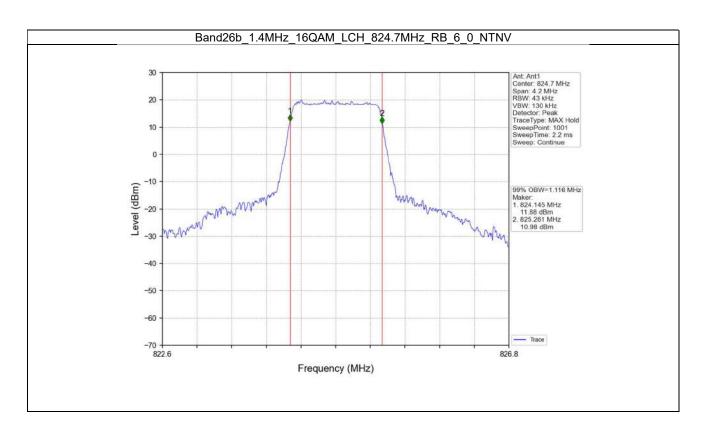
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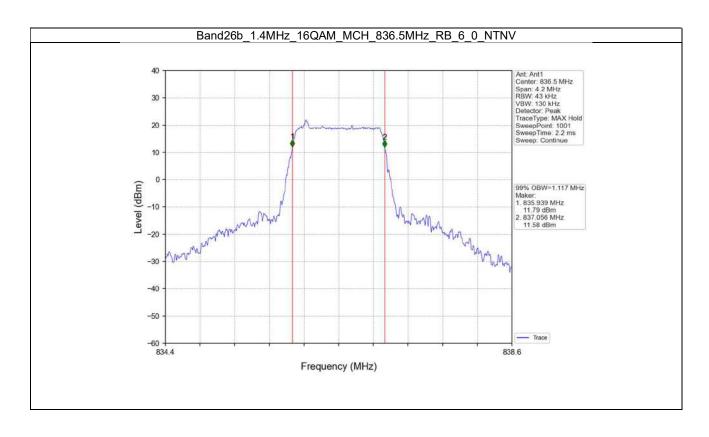
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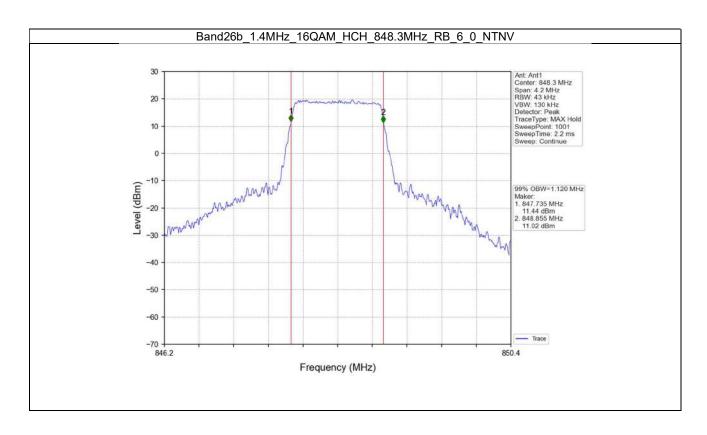
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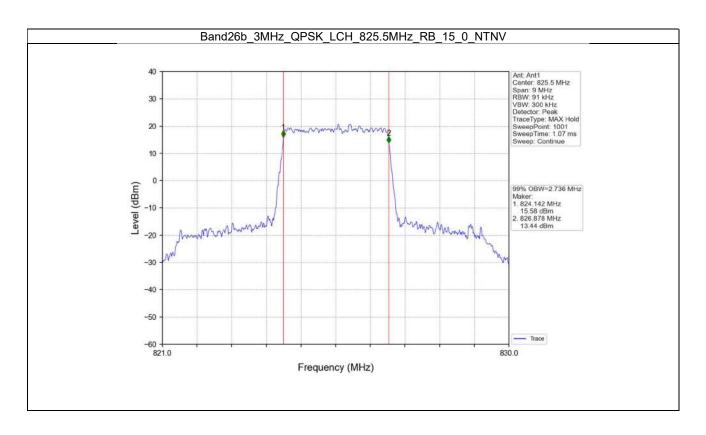
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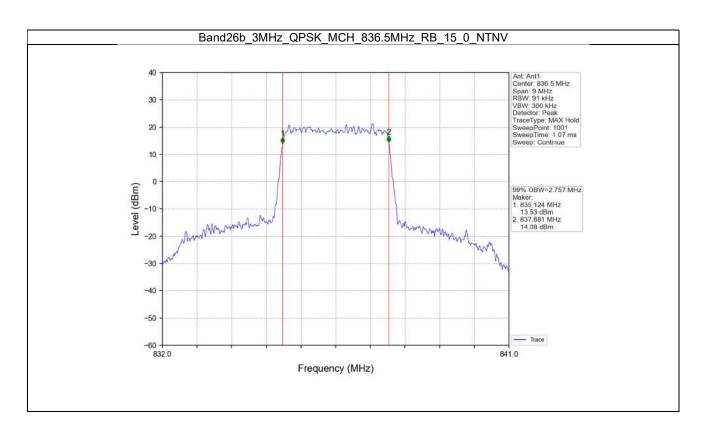
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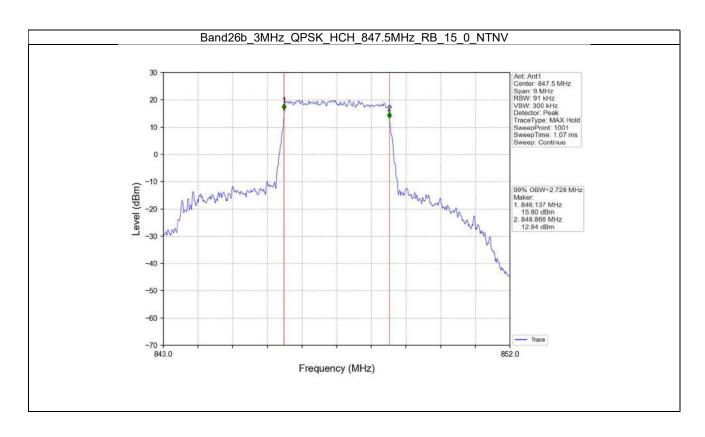
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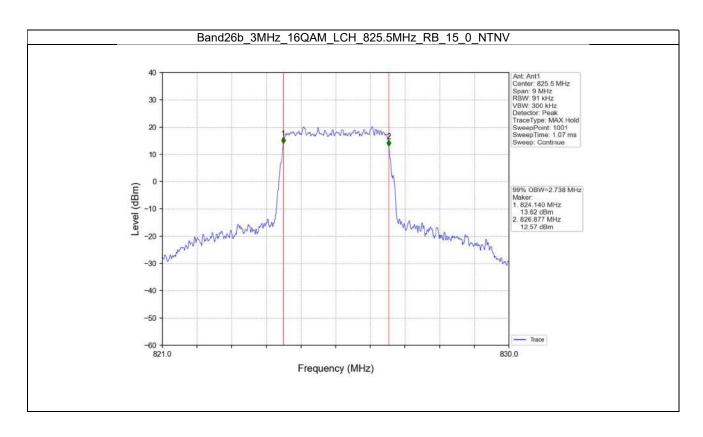
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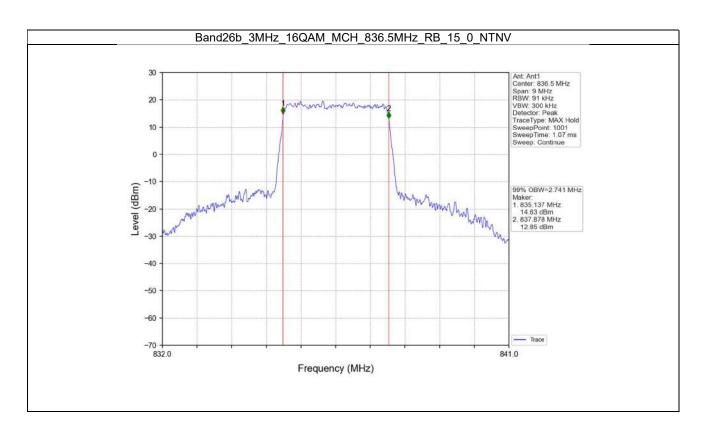
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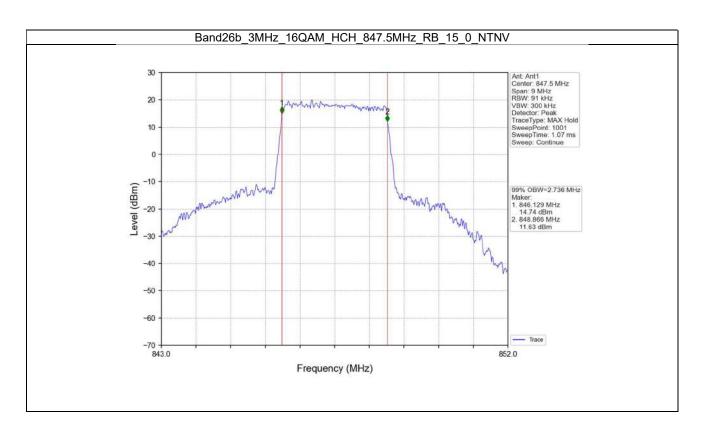
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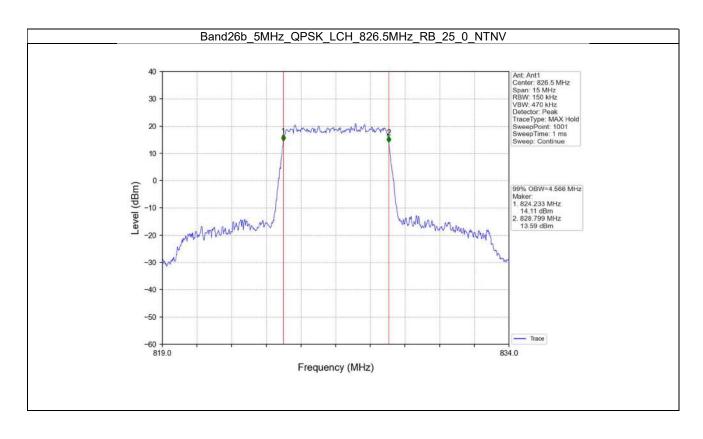
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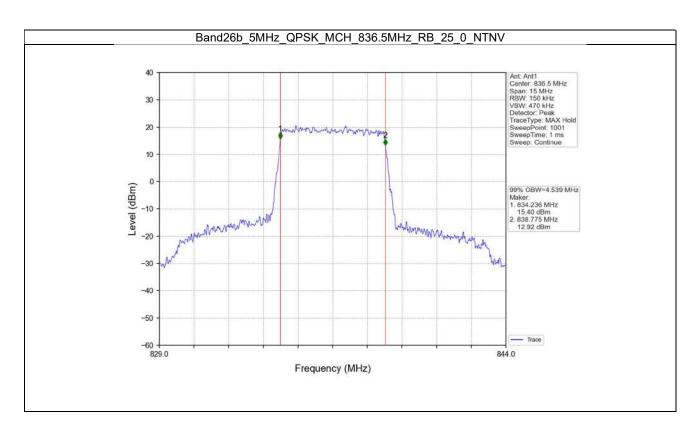
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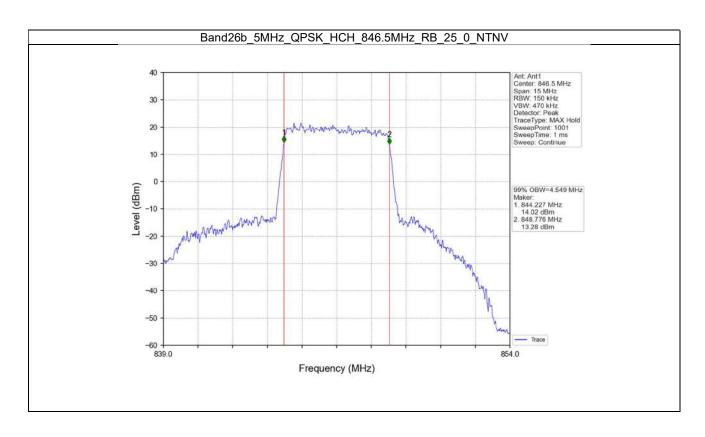
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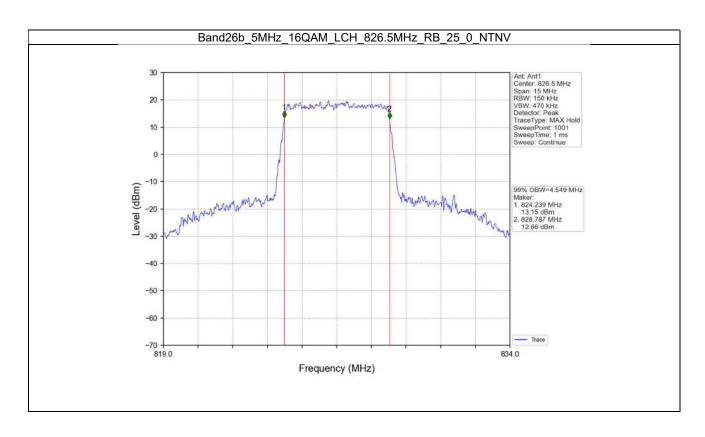
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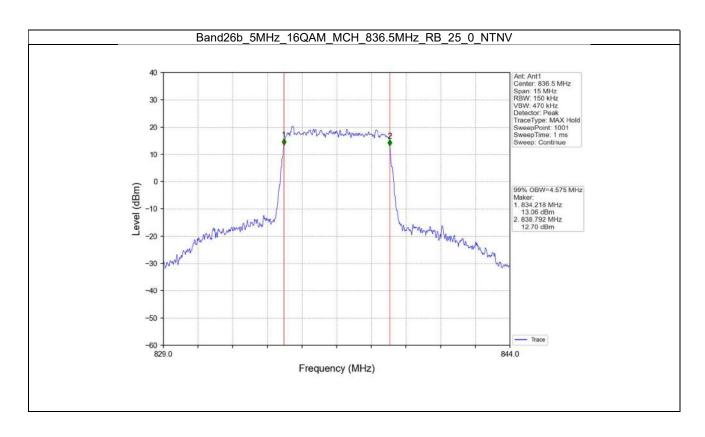
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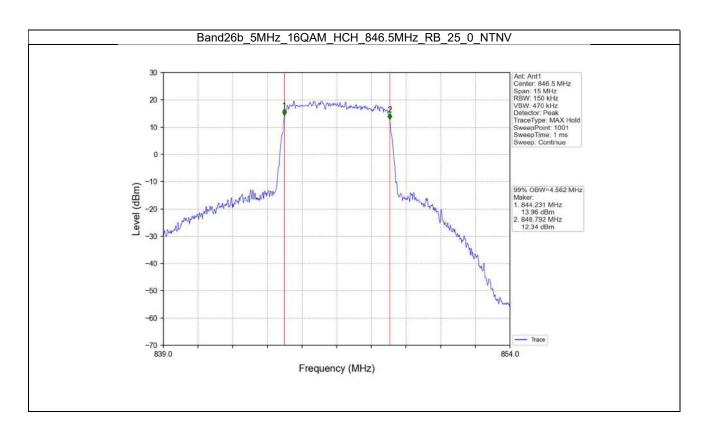
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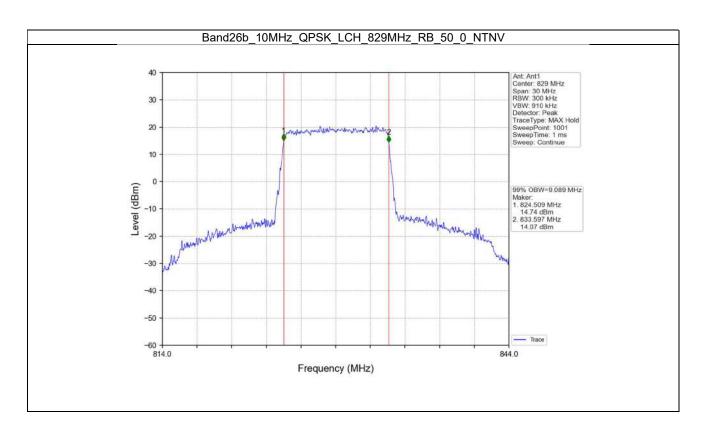
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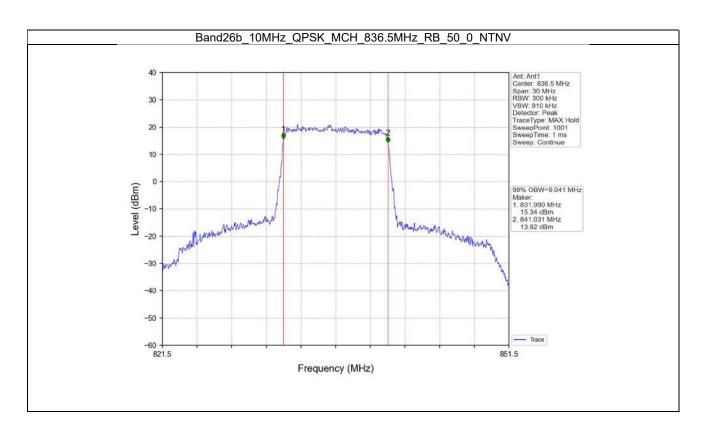
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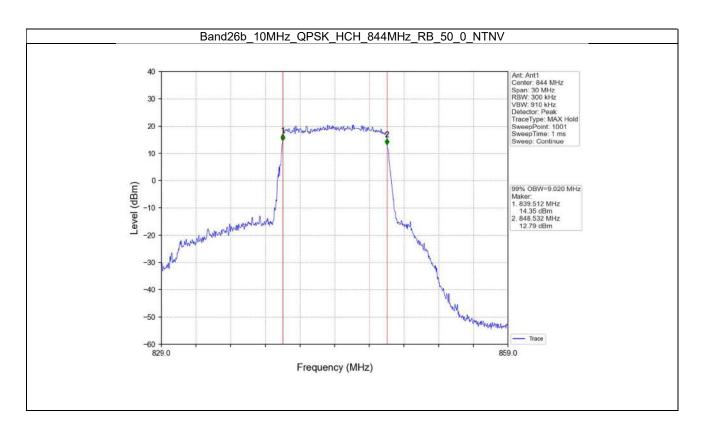
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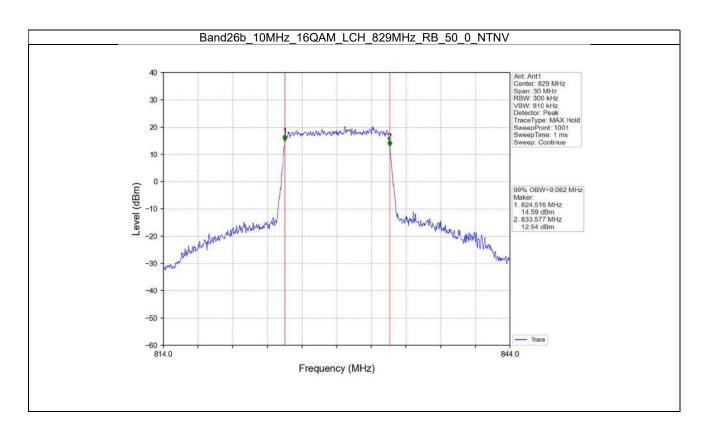
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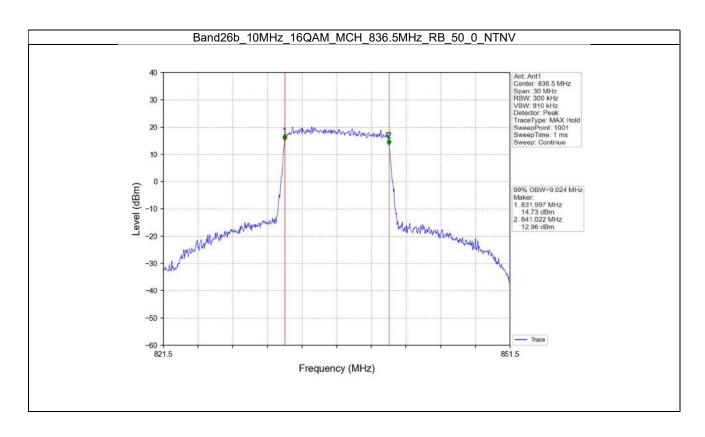
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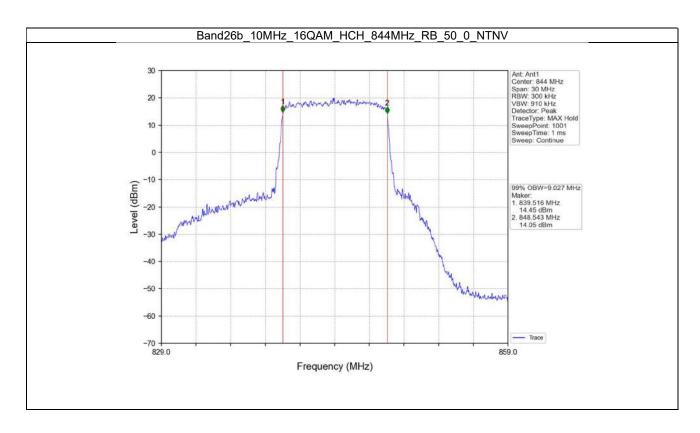
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#### 4.2 Band26b\_XDB

#### 4.2.1 Test Result

			Band: 26b / N	NTNV		
Bandwidth (MHz)	Modulation	Frequency	RB Allocation		26dB Bandwidth (MHz)	Verdict
		(MHz)	Size	Offset	Result	verdict
1.4	QPSK	824.7	6	0	1.322	Pass
		836.5	6	0	1.315	Pass
		848.3	6	0	1.315	Pass
	16QAM	824.7	6	0	1.324	Pass
		836.5	6	0	1.300	Pass
		848.3	6	0	1.351	Pass
	QPSK	825.5	15	0	3.055	Pass
		836.5	15	0	3.050	Pass
3		847.5	15	0	3.081	Pass
3	16QAM	825.5	15	0	3.071	Pass
		836.5	15	0	3.053	Pass
		847.5	15	0	3.052	Pass
	QPSK	826.5	25	0	5.095	Pass
		836.5	25	0	5.094	Pass
E		846.5	25	0	5.045	Pass
5	16QAM	826.5	25	0	5.097	Pass
		836.5	25	0	5.065	Pass
		846.5	25	0	5.075	Pass
10	QPSK	829	50	0	10.102	Pass
		836.5	50	0	10.081	Pass
		844	50	0	10.055	Pass
	16QAM	829	50	0	9.999	Pass
		836.5	50	0	10.004	Pass
		844	50	0	10.017	Pass



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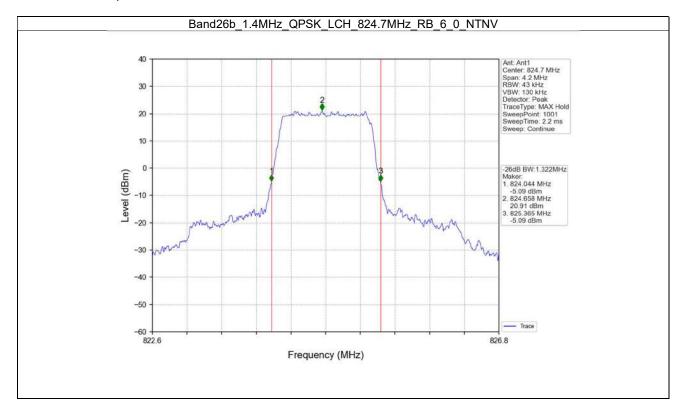
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#### 4.2.2 Test Graph





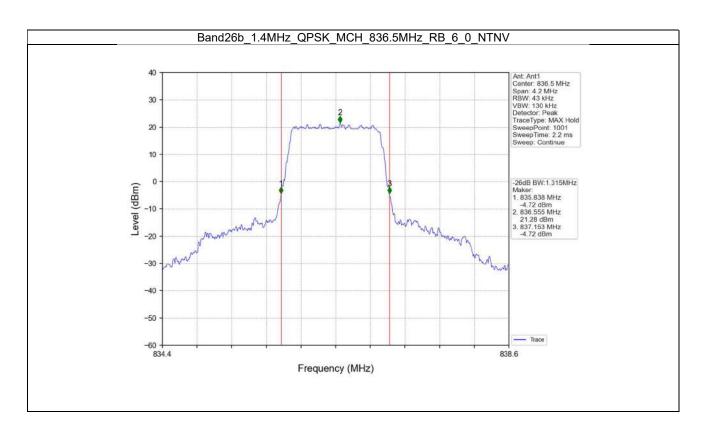
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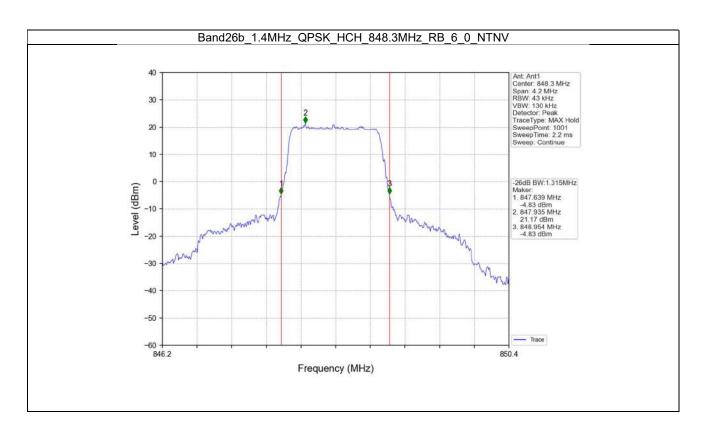
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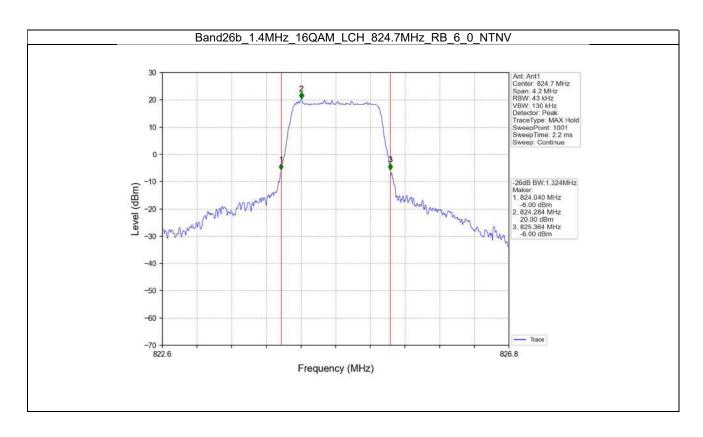
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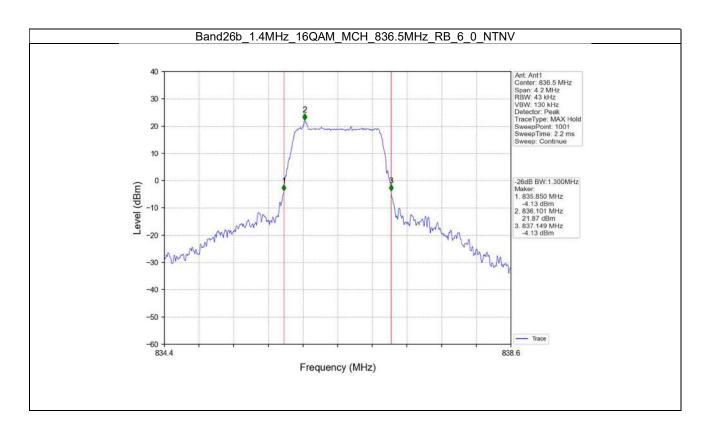
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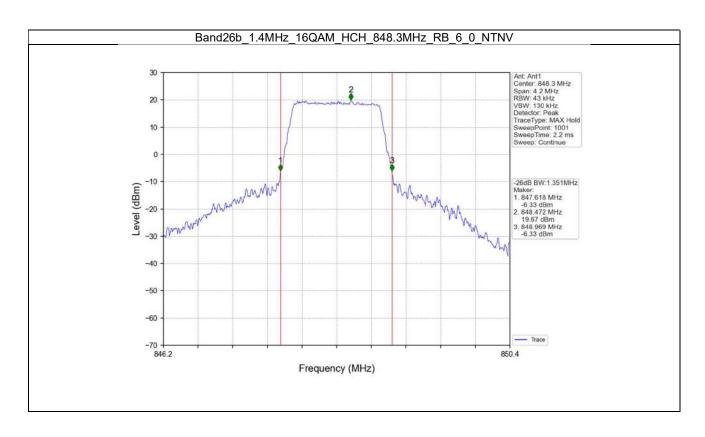
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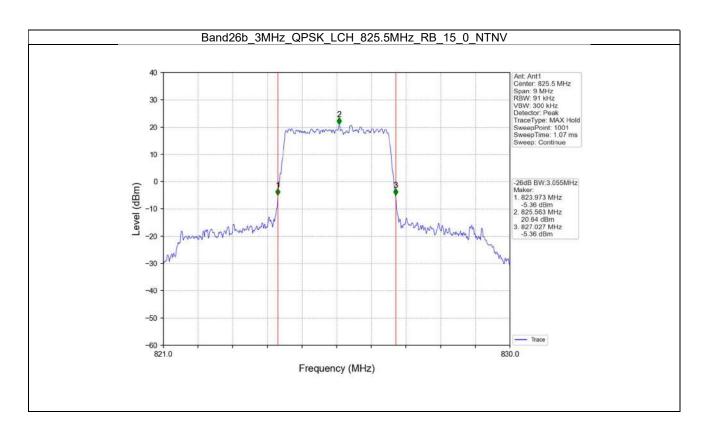
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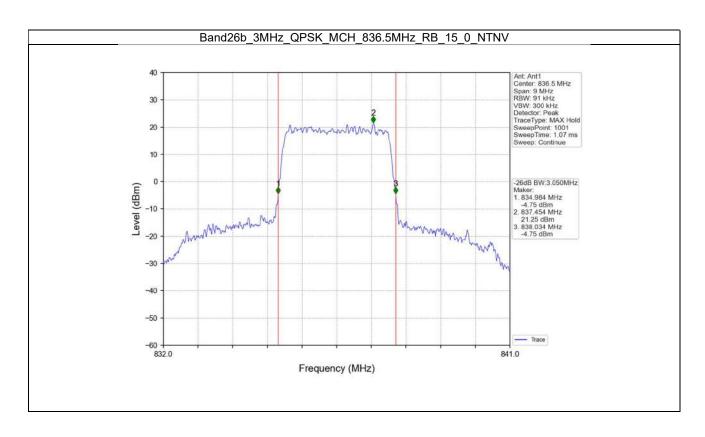
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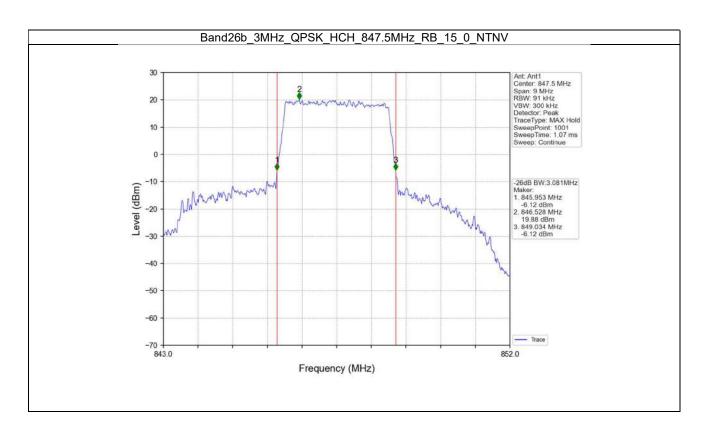
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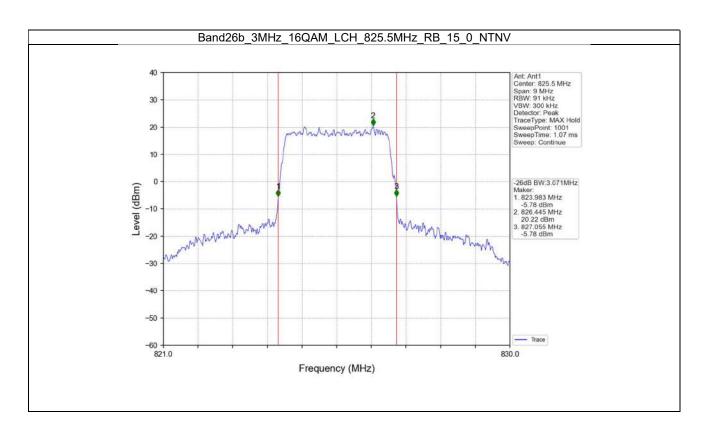
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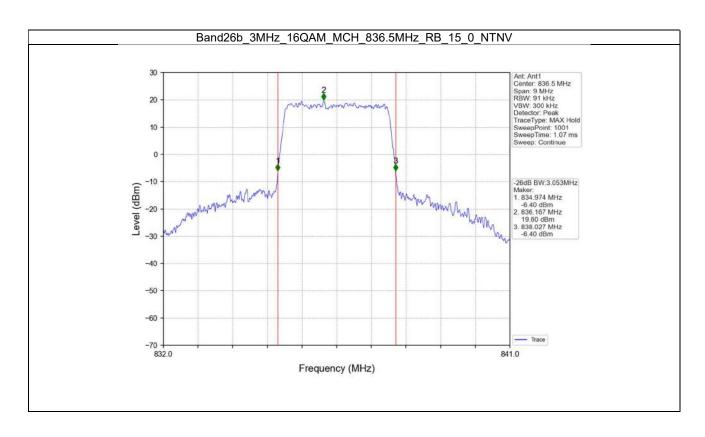
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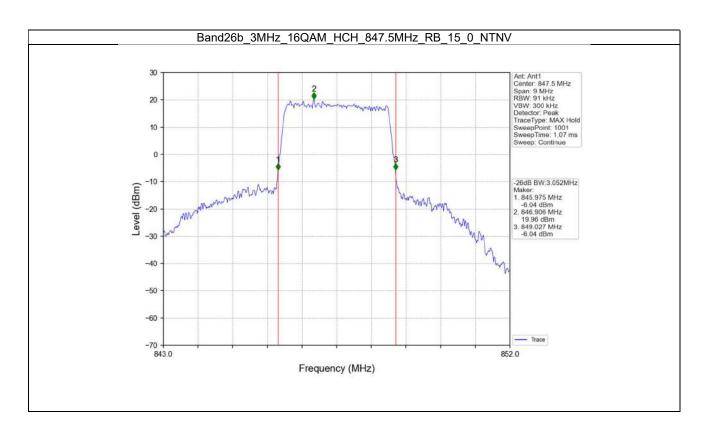
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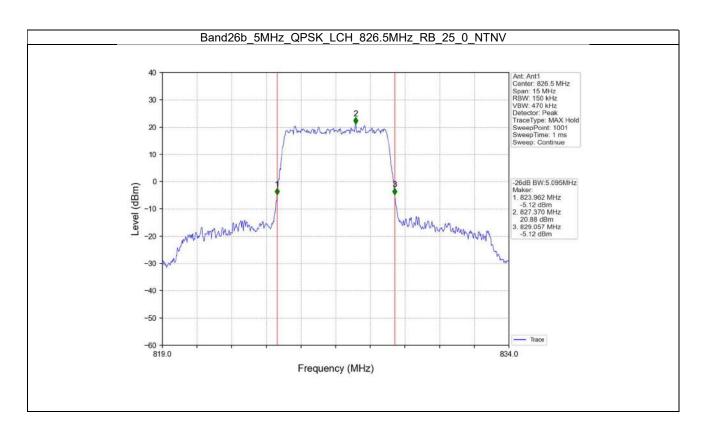
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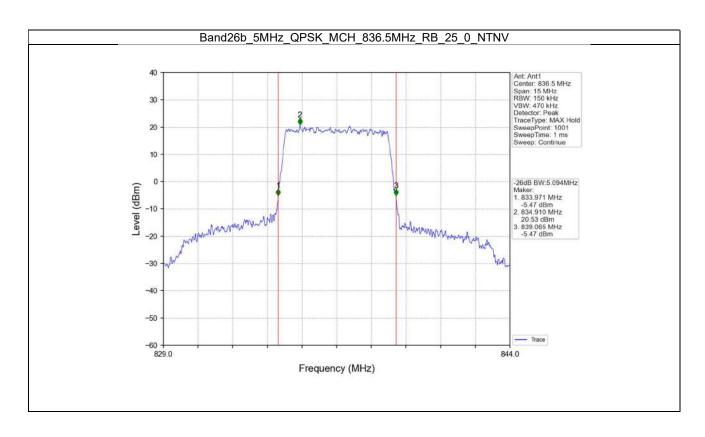
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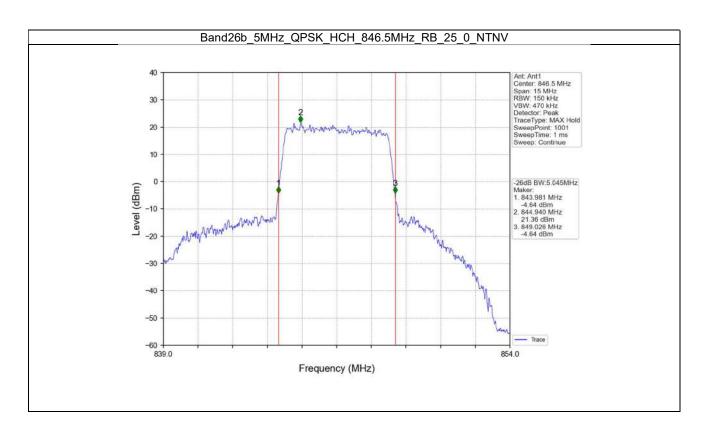
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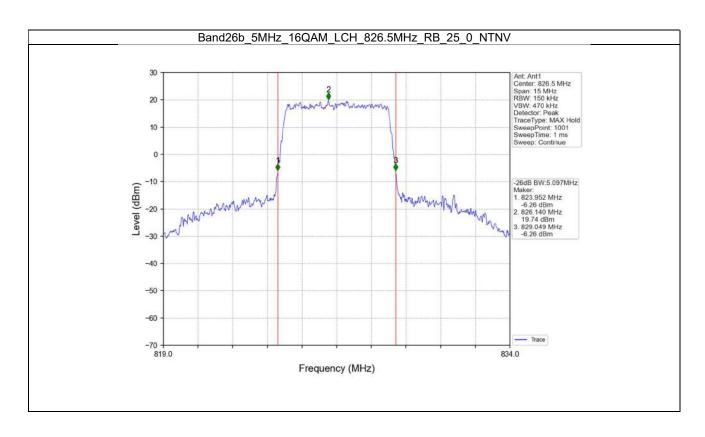
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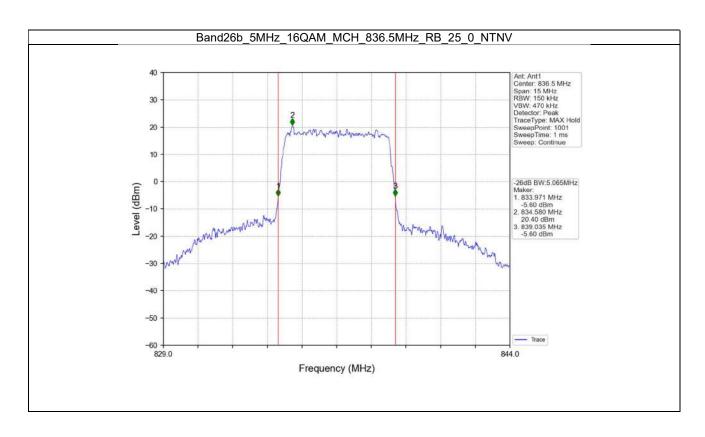
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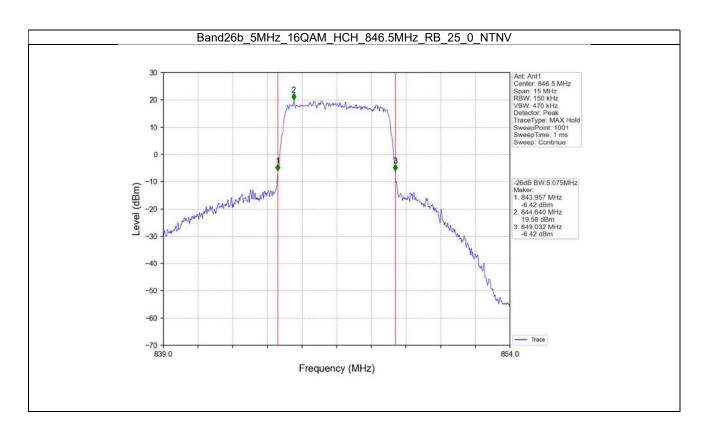
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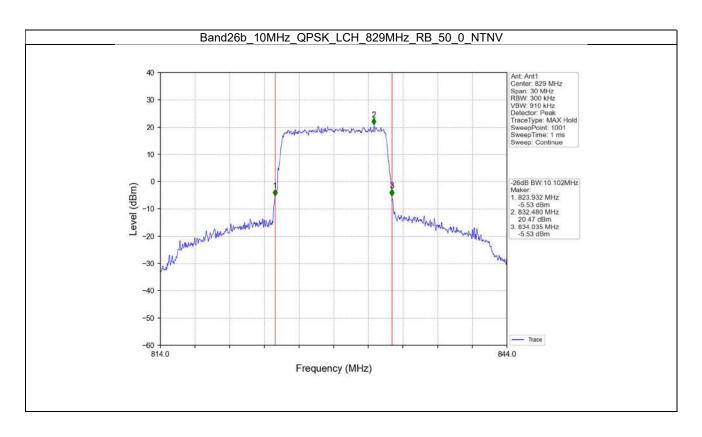
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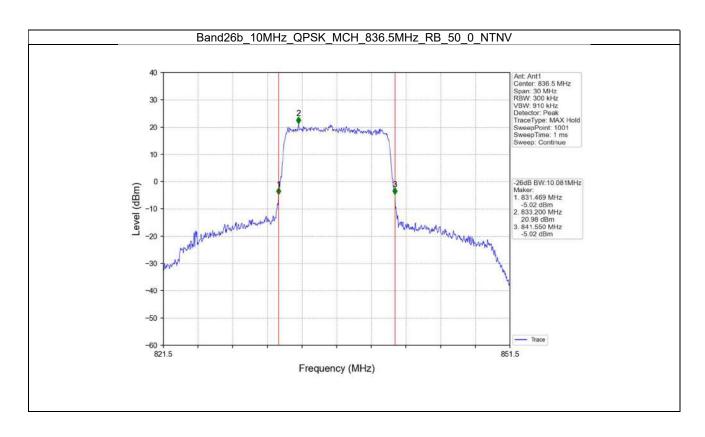
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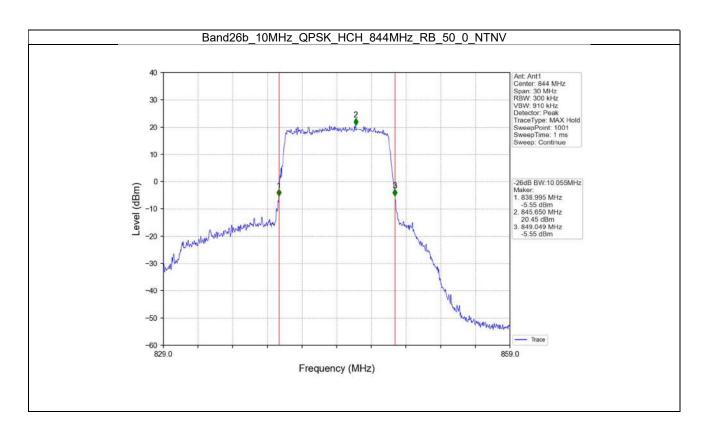
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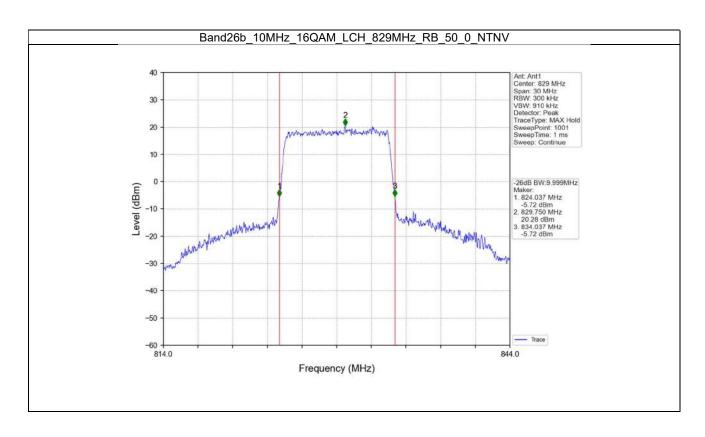
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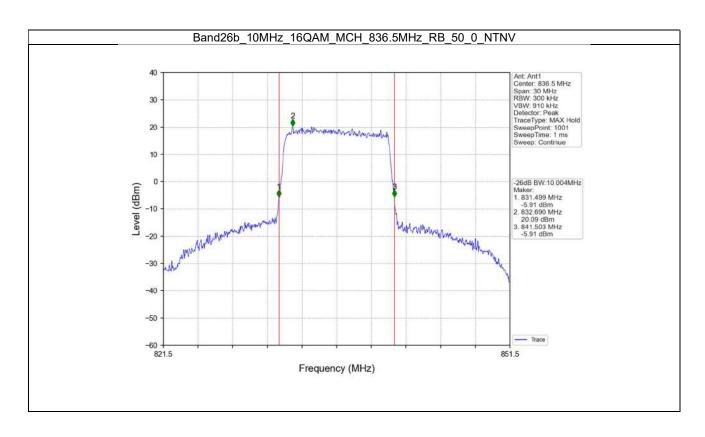
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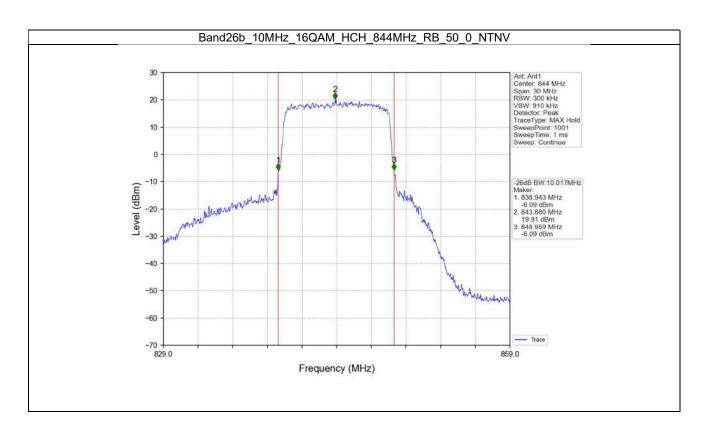
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# 5. Peak-Average Ratio

5.1 B26b\_1.4MHz

#### 5.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict				
	(MHz)	Size	Offset	Result	Limit	verdict				
QPSK	824.7	6	0	4.88	<=13	Pass				
	836.5	6	0	4.83	<=13	Pass				
	848.3	6	0	4.50	<=13	Pass				
16QAM	824.7	6	0	5.67	<=13	Pass				
	836.5	6	0	5.60	<=13	Pass				
	848.3	6	0	5.46	<=13	Pass				



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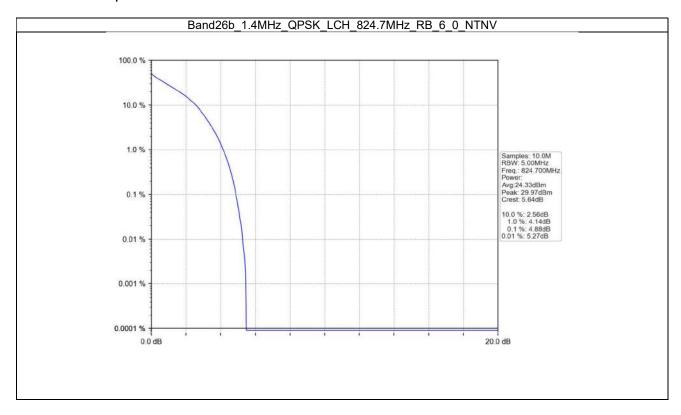
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#### 5.1.2 Test Graph





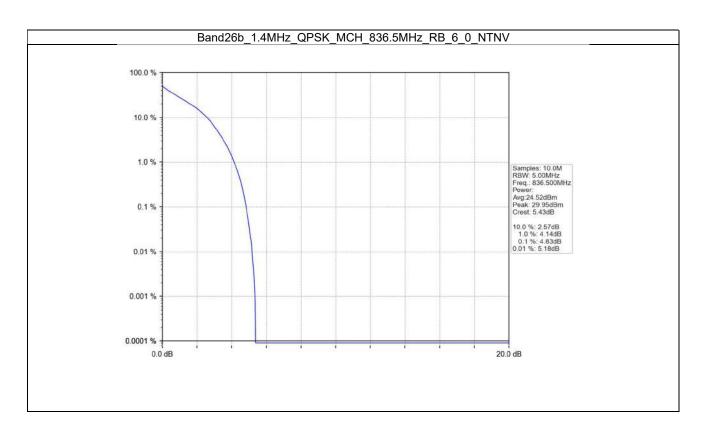
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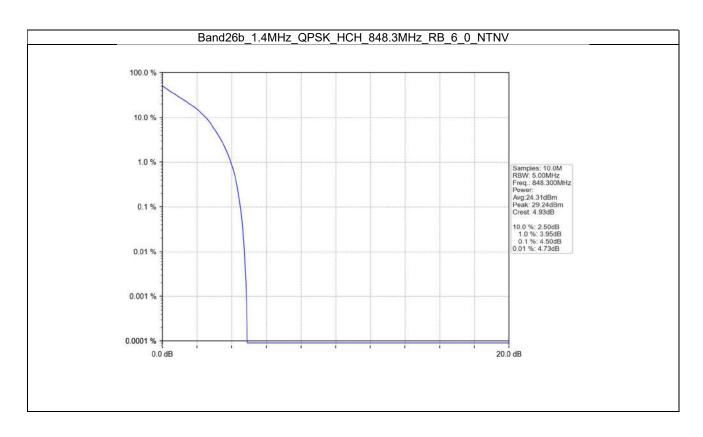
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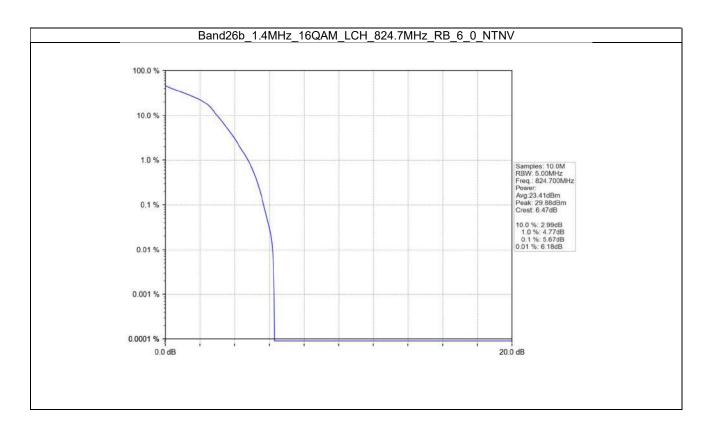
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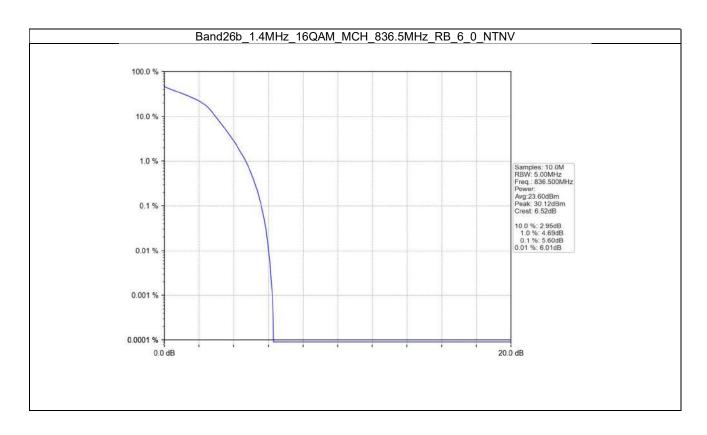
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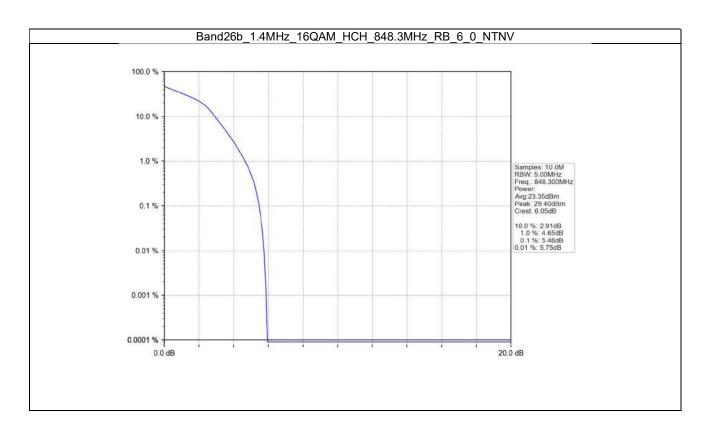
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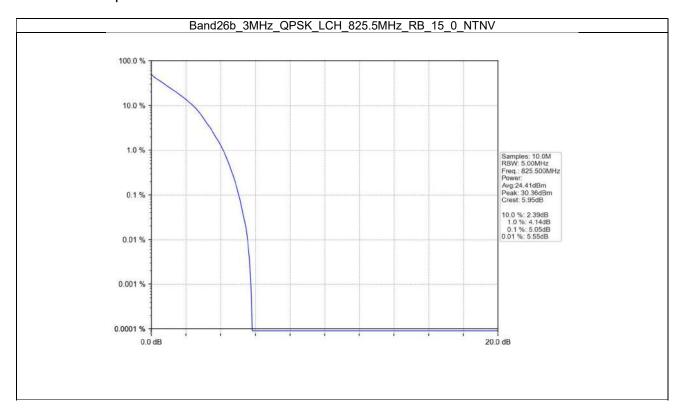
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## 5.2 B26b\_3MHz

#### 5.2.1 Test Result

		Bar	nd: 26b / Bandwid	dth: 3MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Vardiet
	(MHz)	Size	Offset	Result	Limit	Verdict
QPSK	825.5	15	0	5.05	<=13	Pass
	836.5	15	0	5.11	<=13	Pass
	847.5	15	0	4.78	<=13	Pass
16QAM	825.5	15	0	5.87	<=13	Pass
	836.5	15	0	5.77	<=13	Pass
	847.5	15	0	5.58	<=13	Pass

### 5.2.2 Test Graph





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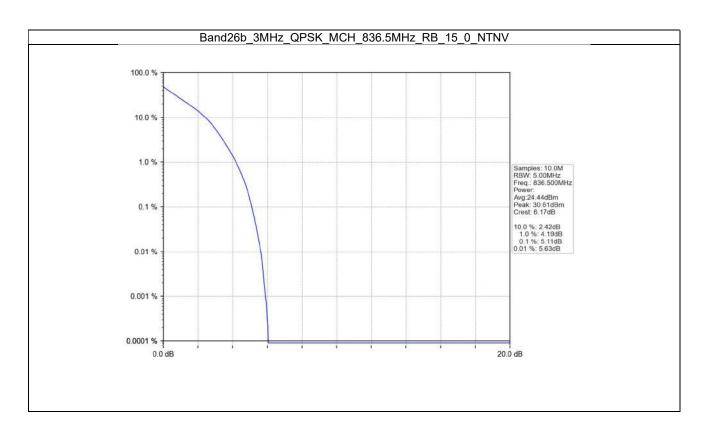
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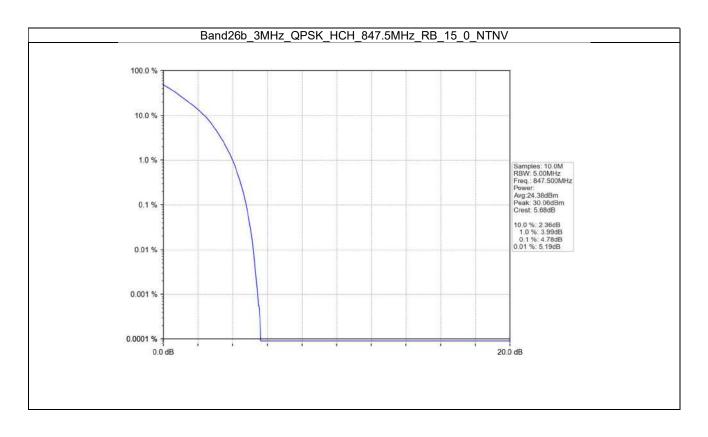
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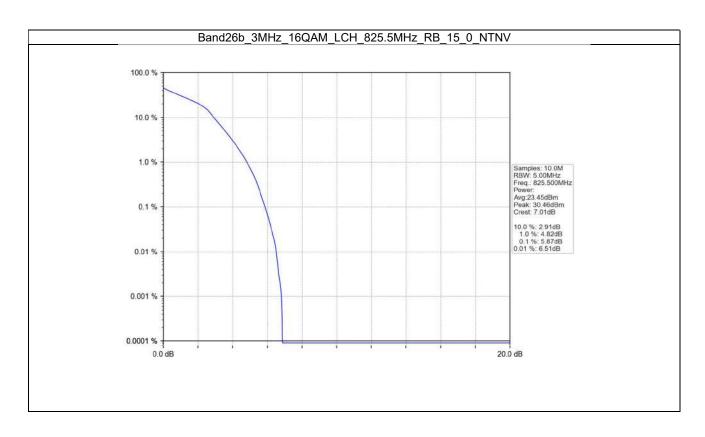
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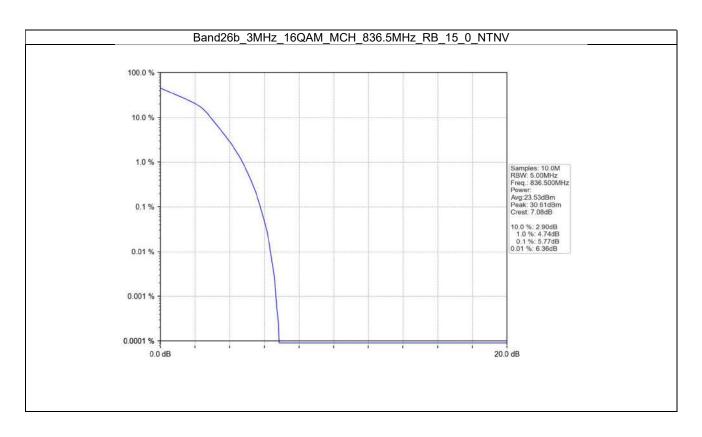
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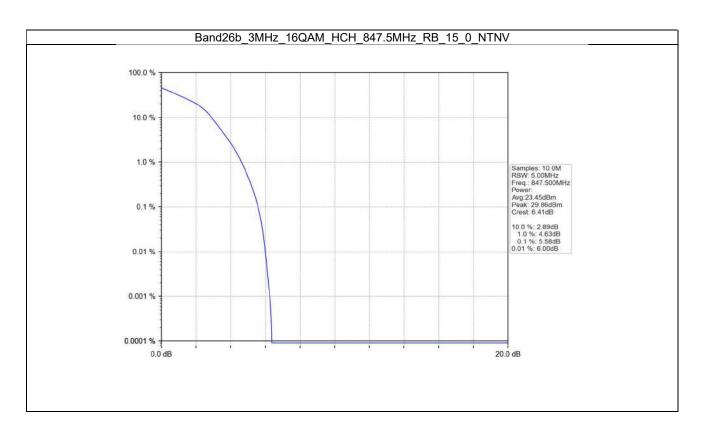
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# 5.3 B26b\_5MHz

#### 5.3.1 Test Result

		Bar	nd: 26b / Bandwid	dth: 5MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict
iviodulation	(MHz)	Size	Offset	Result	Limit	Verdict
	826.5	25	0	5.30	<=13	Pass
QPSK	836.5	25	0	5.29	<=13	Pass
	846.5	25	0	5.04	<=13	Pass
16QAM	826.5	25	0	5.98	<=13	Pass
	836.5	25	0	6.02	<=13	Pass
	846.5	25	0	5.77	<=13	Pass



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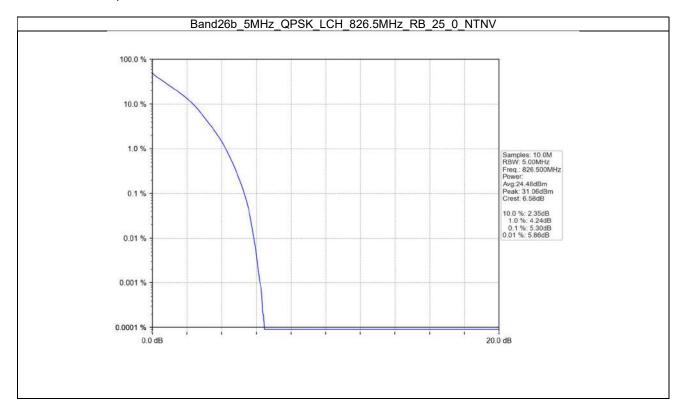
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## 5.3.2 Test Graph





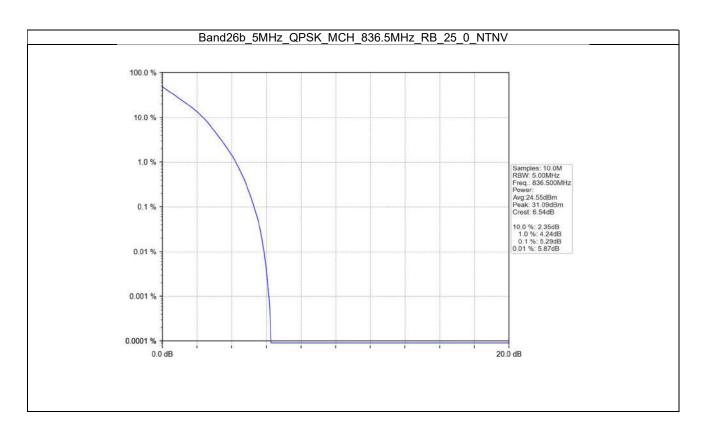
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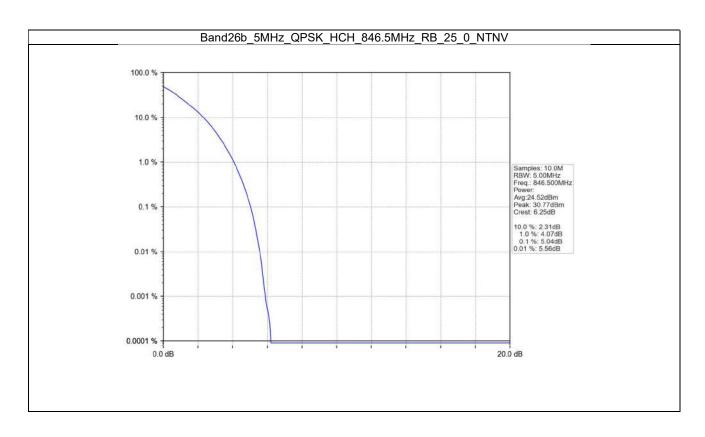
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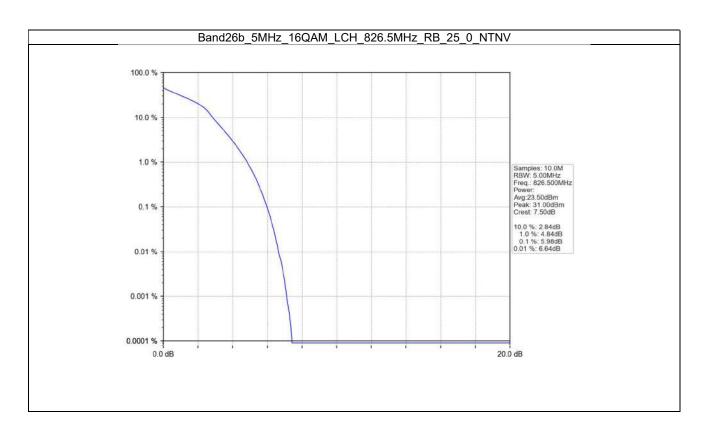
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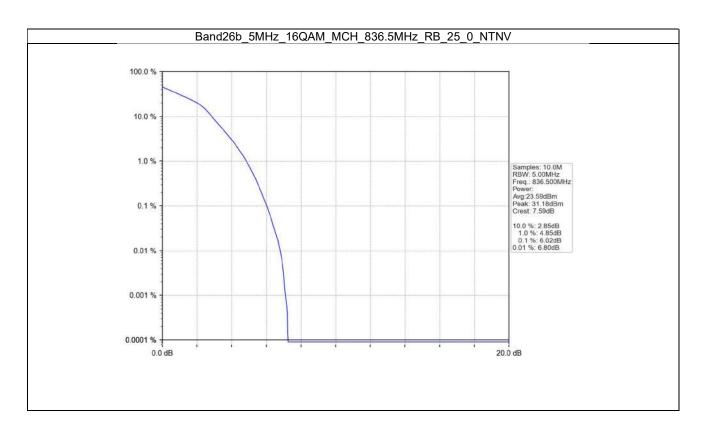
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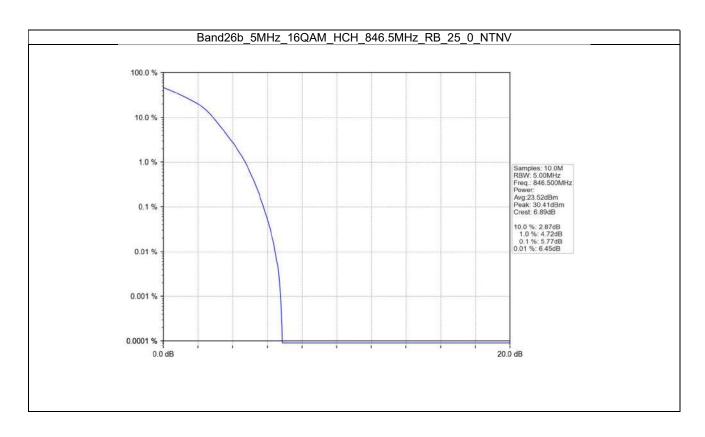
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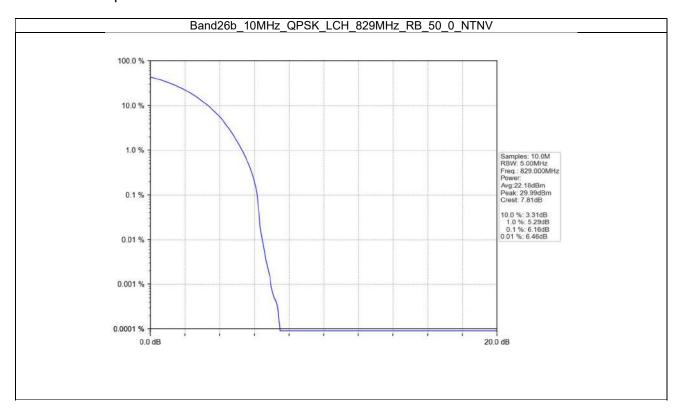
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## 5.4 B26b\_10MHz

#### 5.4.1 Test Result

		Ban	d: 26b / Bandwid	lth: 10MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Vardiet
	(MHz)	Size	Offset	Result	Limit	Verdict
QPSK _	829	50	0	6.16	<=13	Pass
	836.5	50	0	6.09	<=13	Pass
	844	50	0	6.29	<=13	Pass
16QAM	829	50	0	6.70	<=13	Pass
	836.5	50	0	6.76	<=13	Pass
	844	50	0	6.75	<=13	Pass

### 5.4.2 Test Graph





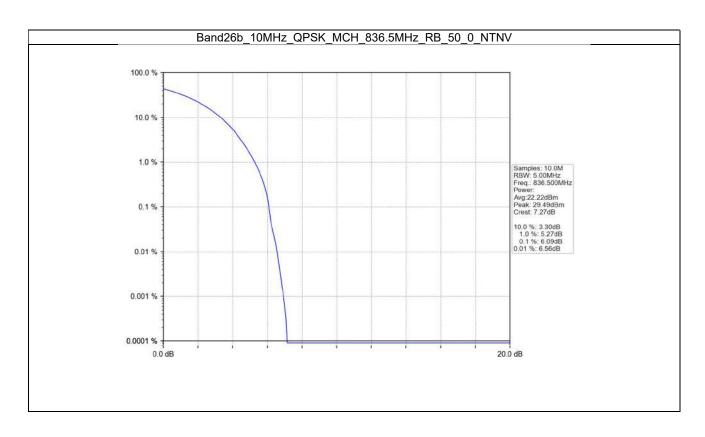
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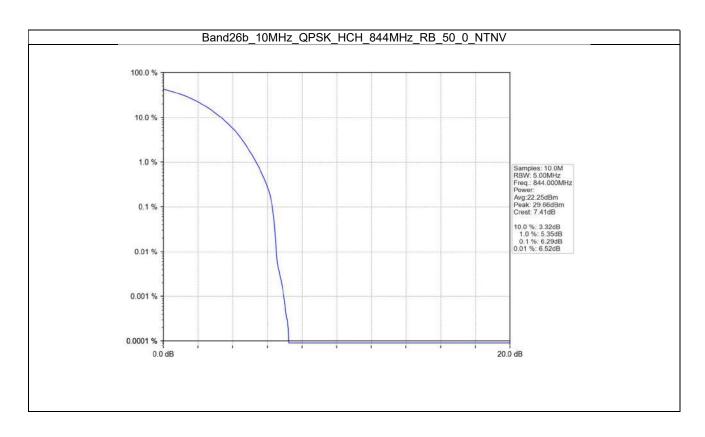
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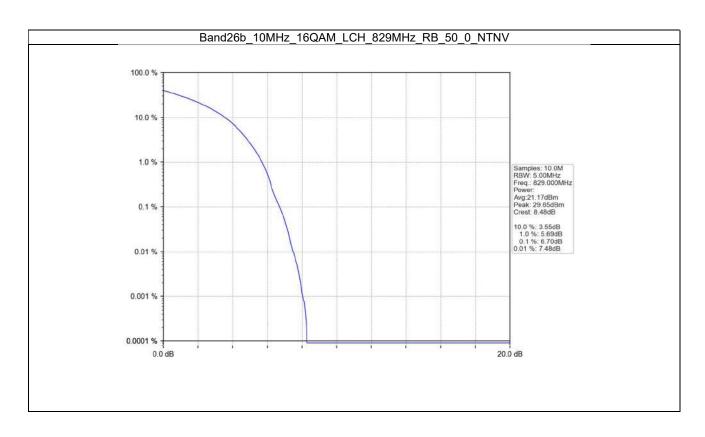
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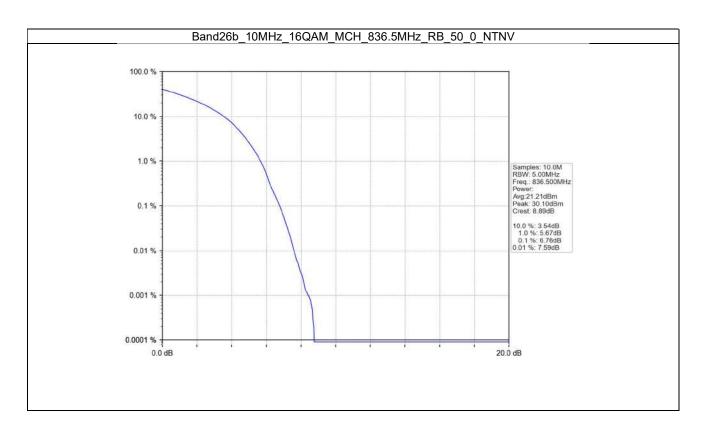
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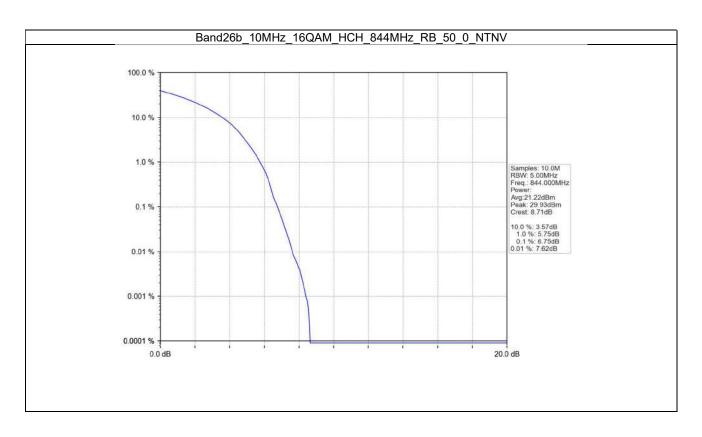
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# 6. Spurious Emission

6.1 B26b\_1.4MHz

#### 6.1.1 Test Result

		Ва	nd: 26b / Bandwidt	h: 1.4MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		\/a mali a4
		Size	Offset	Result	Limit	Verdict
	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
QPSK -	836.5	1	0	Refer To Test Graph		Pass
QPSK	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Gra	aph	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
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.



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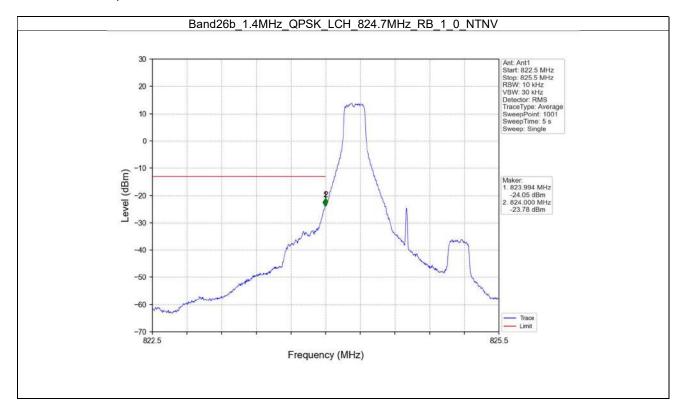
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### 6.1.2 Test Graph





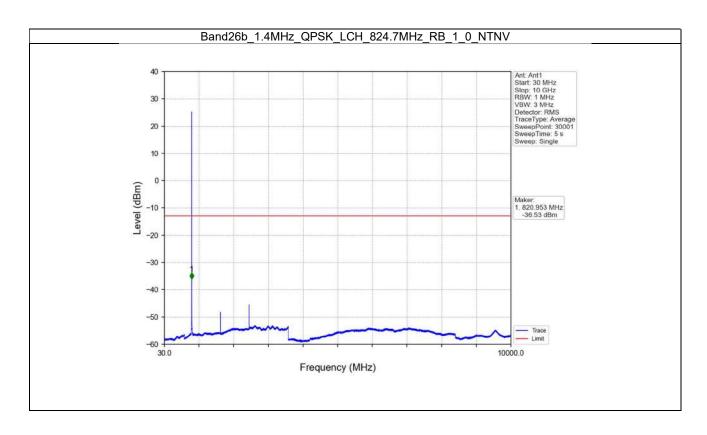
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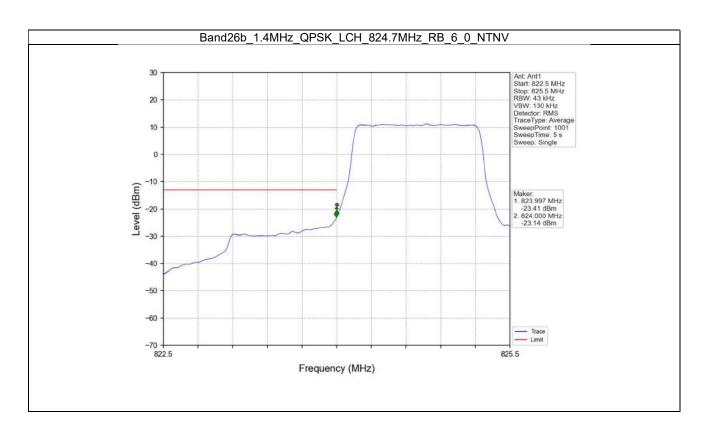
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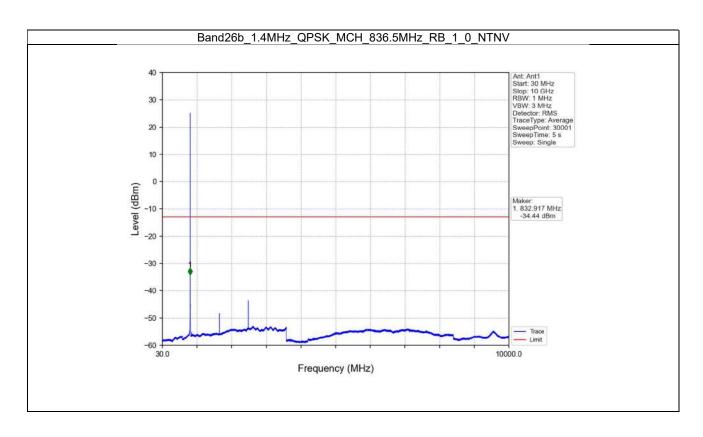
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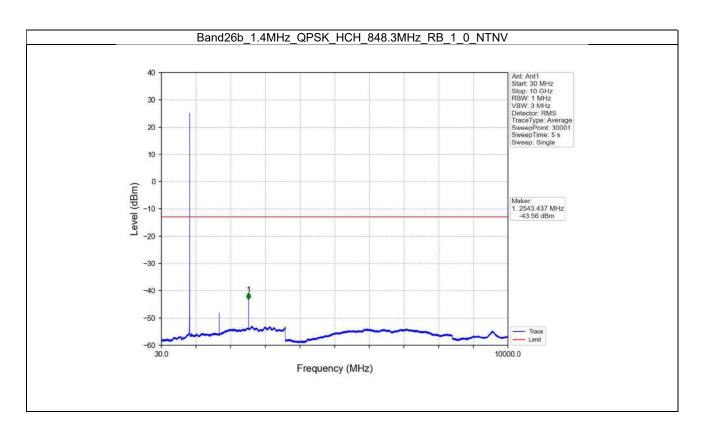
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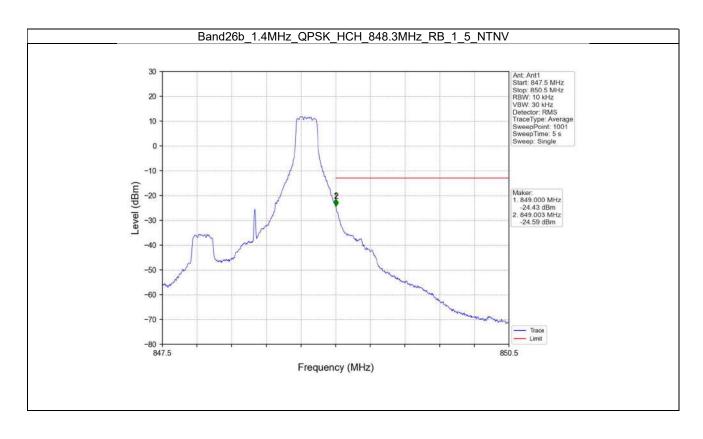
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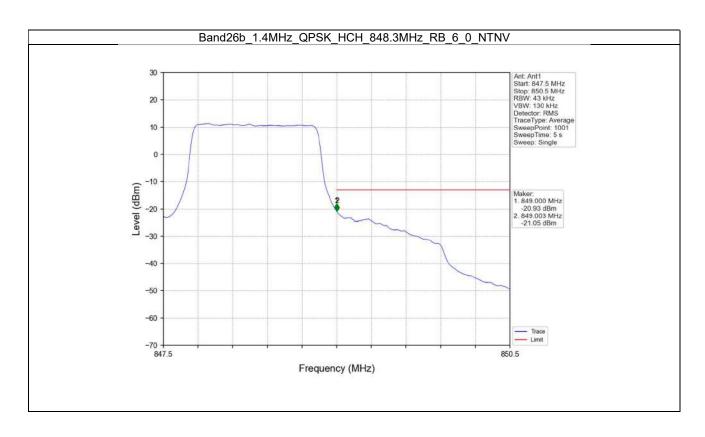
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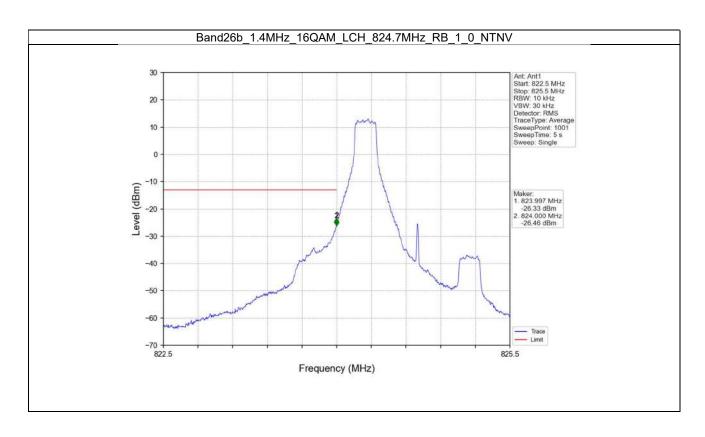
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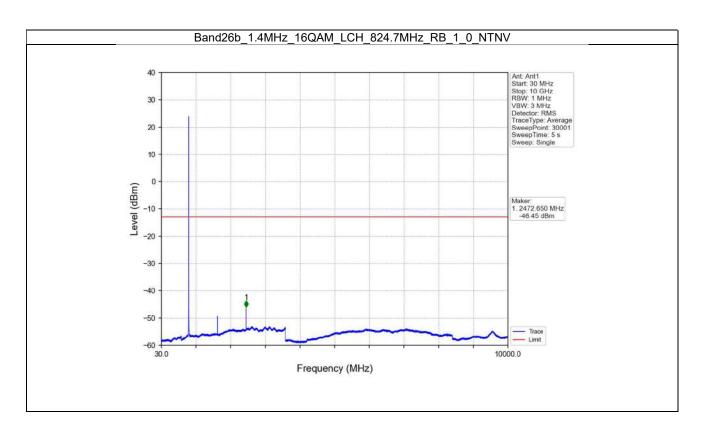
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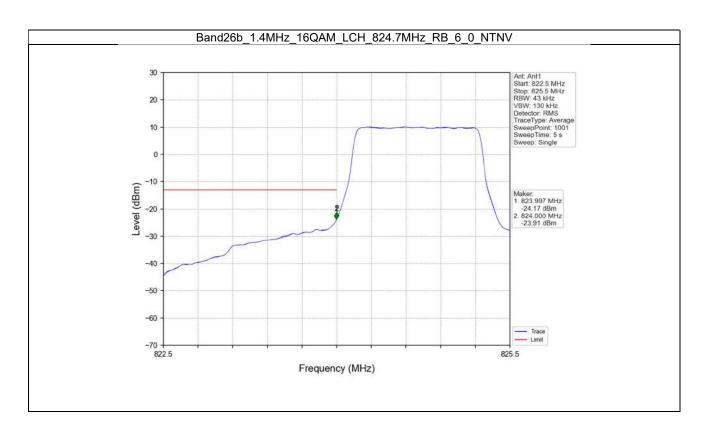
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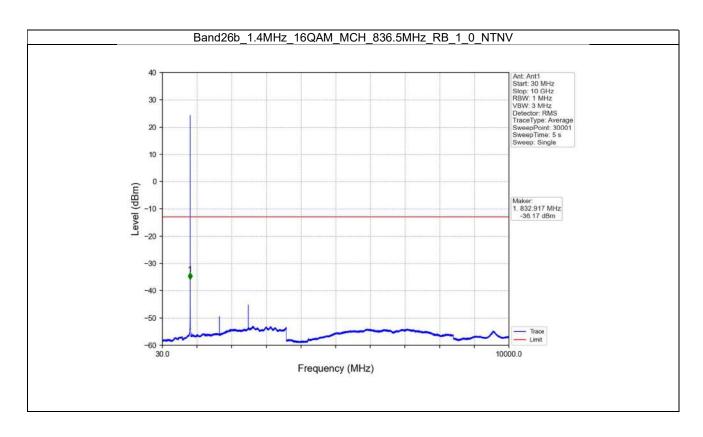
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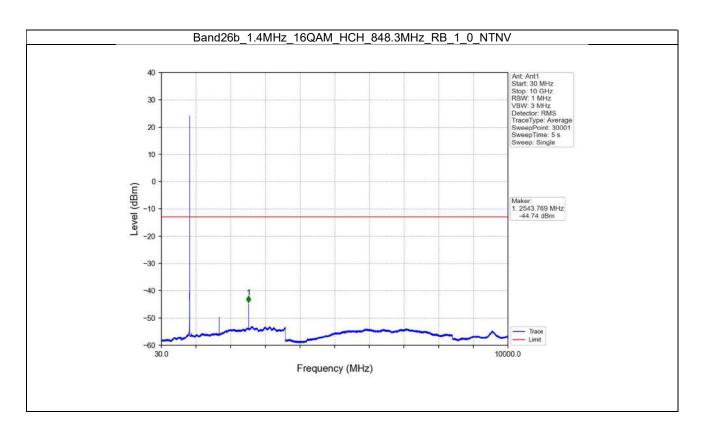
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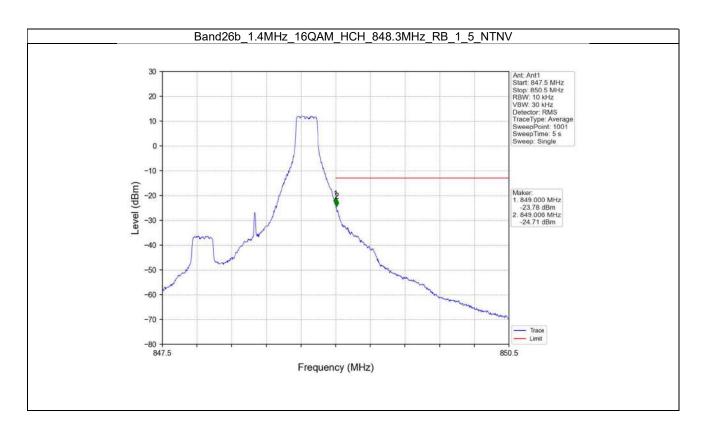
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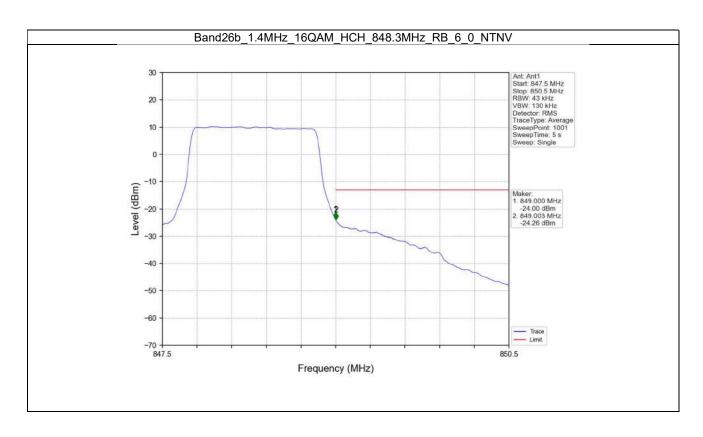
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#### 6.2 B26b\_3MHz

#### 6.2.1 Test Result

		В	and: 26b / Bandv	vidth: 3MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	verdict
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



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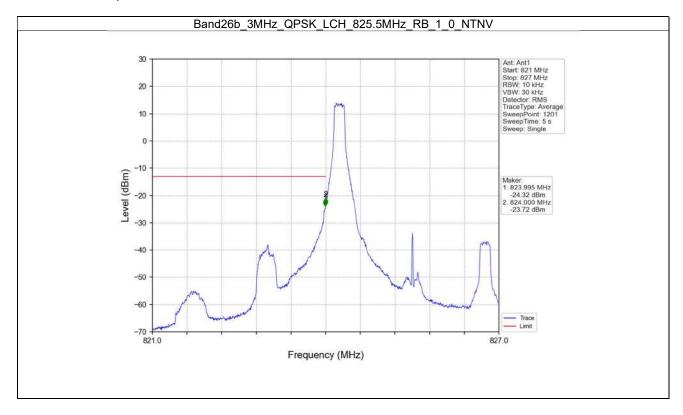
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#### 6.2.2 Test Graph





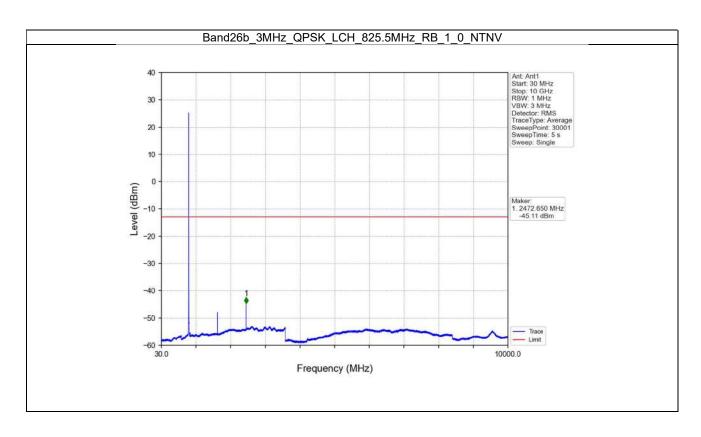
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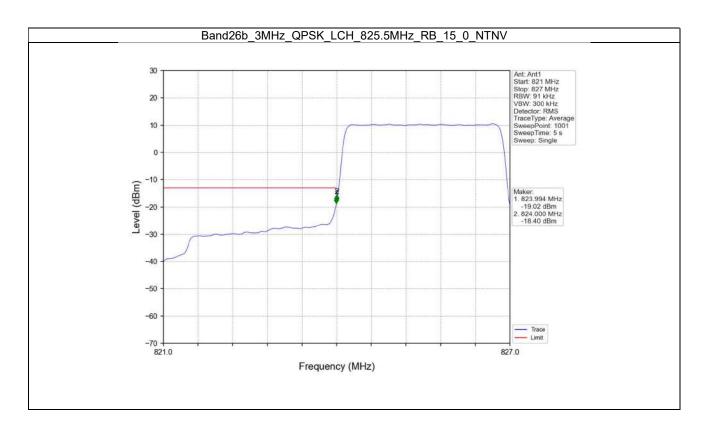
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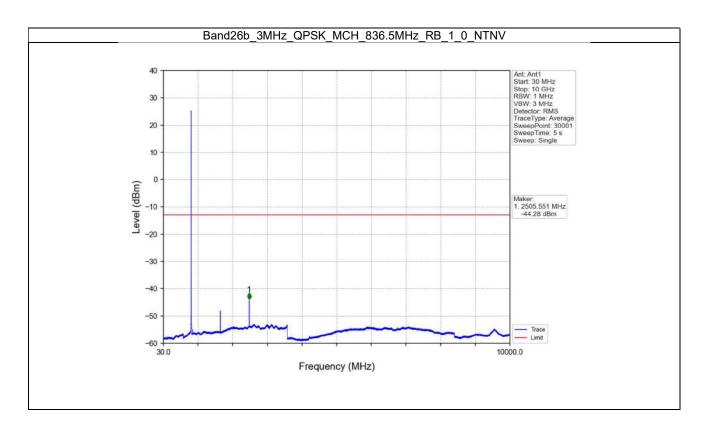
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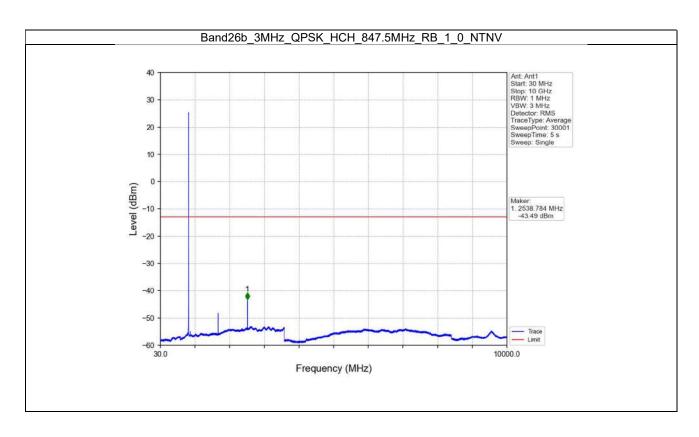
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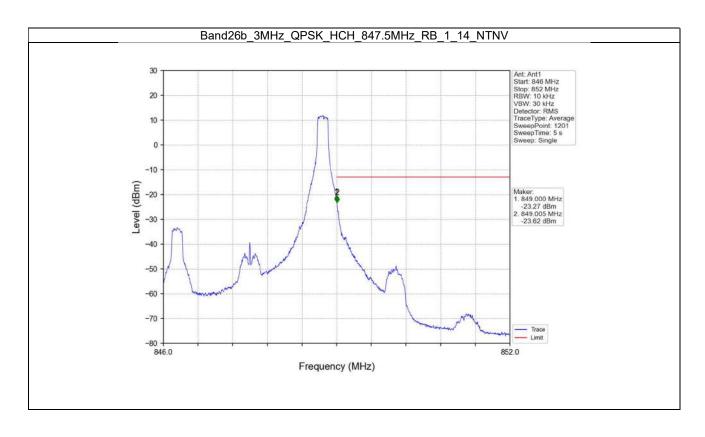
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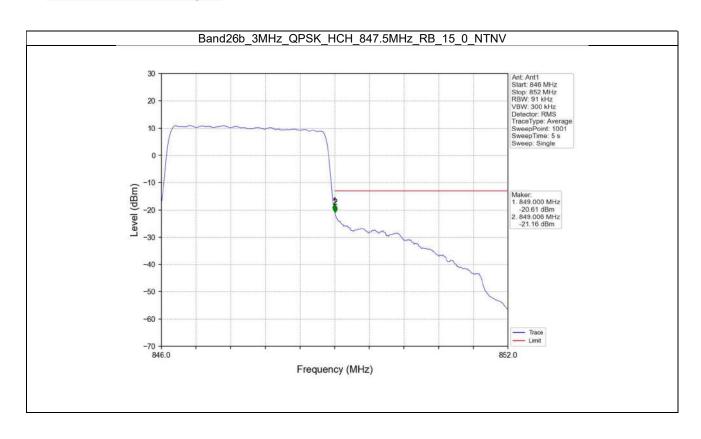
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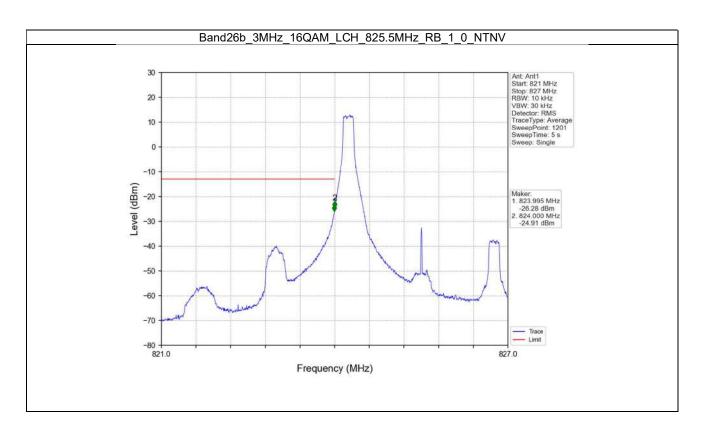
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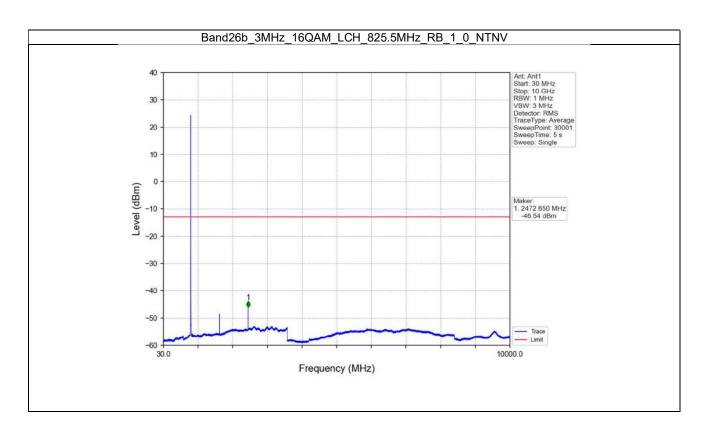
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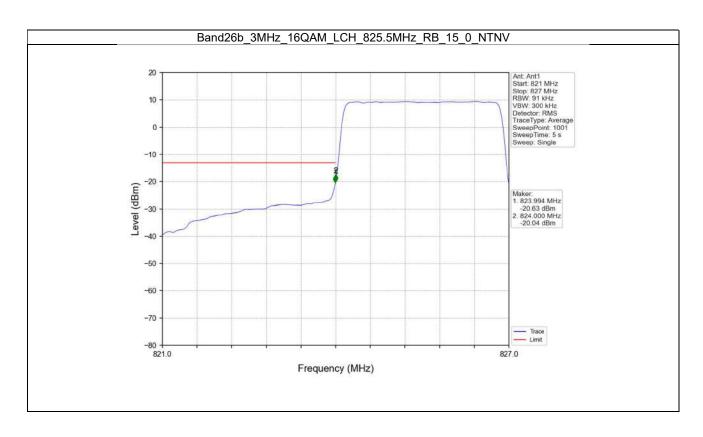
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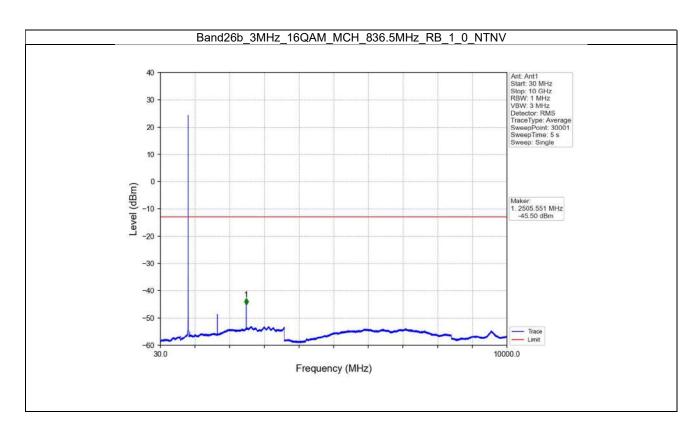
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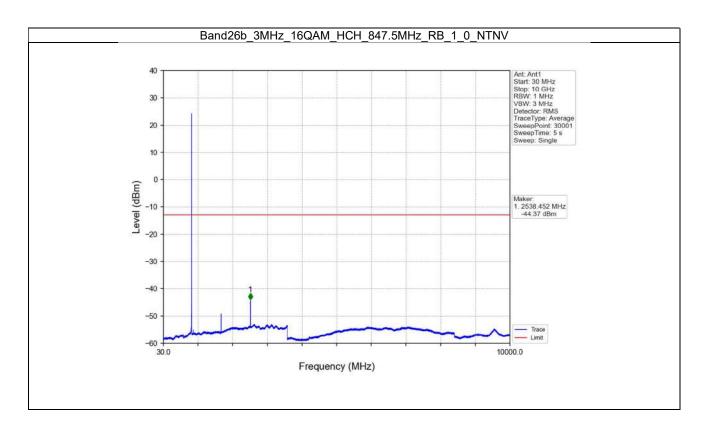
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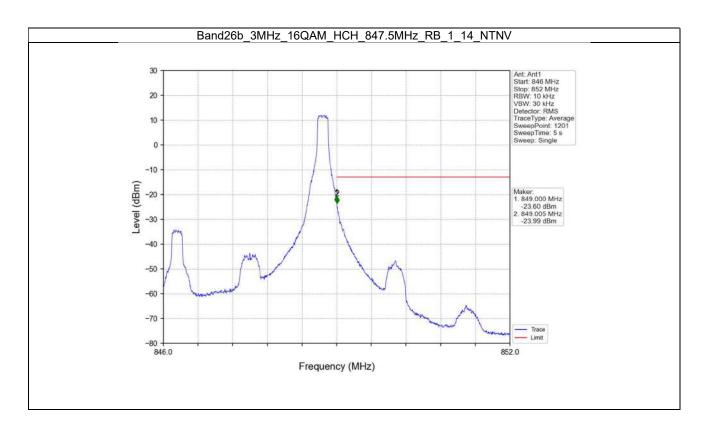
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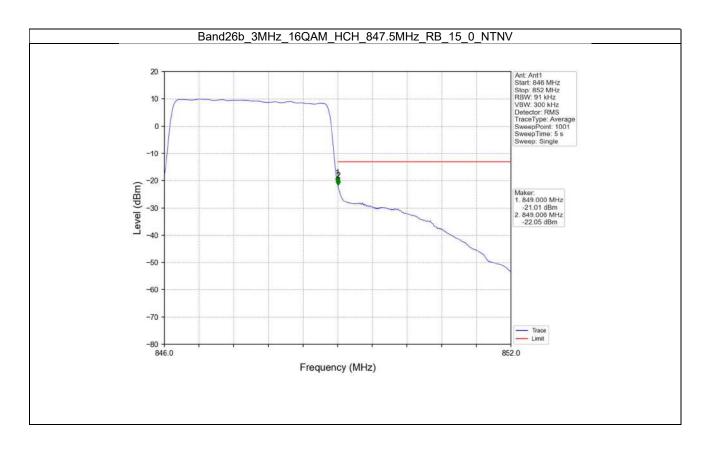
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# 6.3 B26b\_5MHz

#### 6.3.1 Test Result

		В	and: 26b / Bandwid	th: 5MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	Verdict
QPSK -	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	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
	836.5	1	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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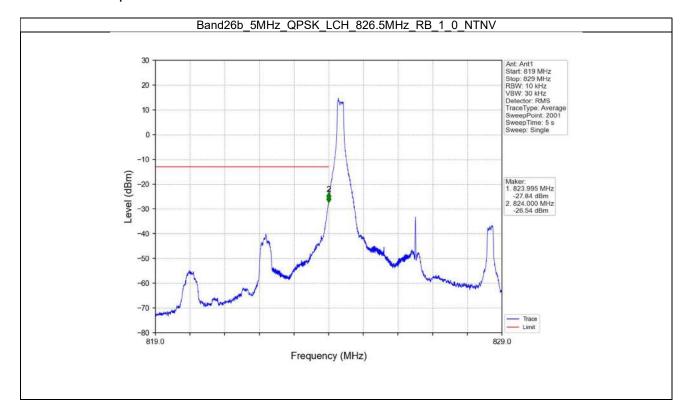
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#### 6.3.2 Test Graph





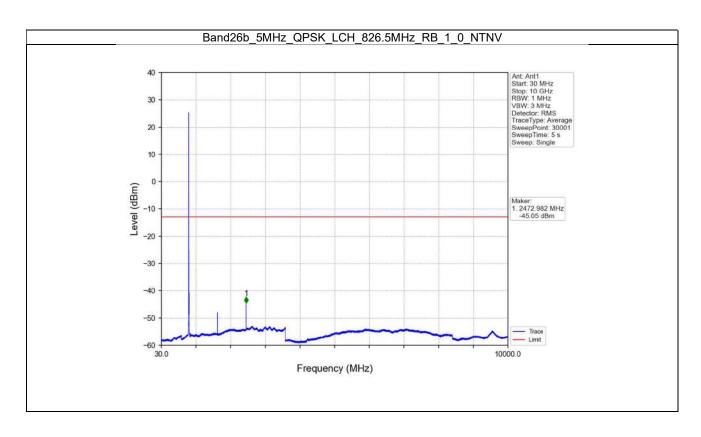
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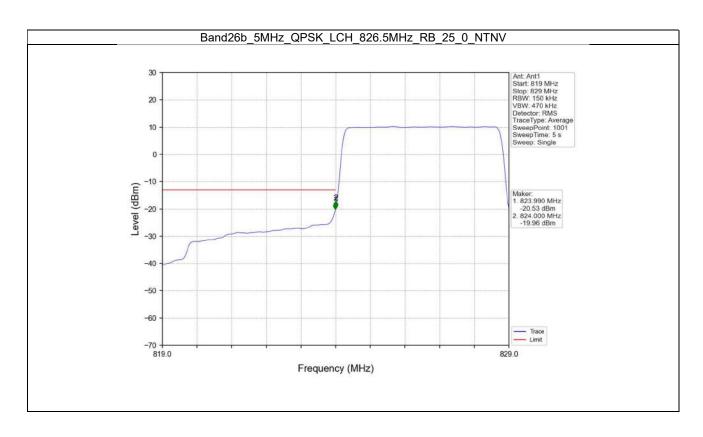
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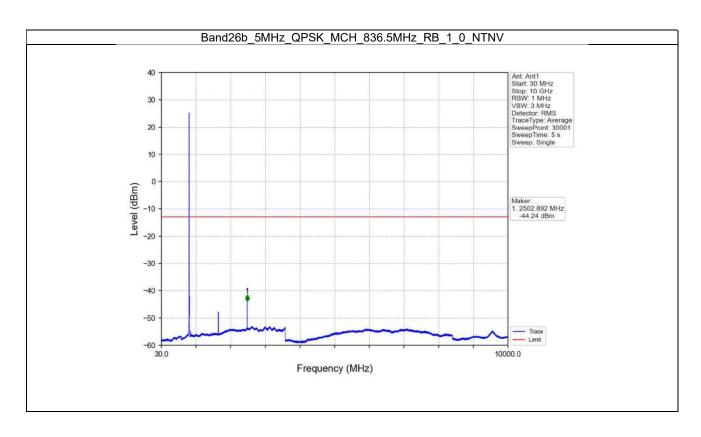
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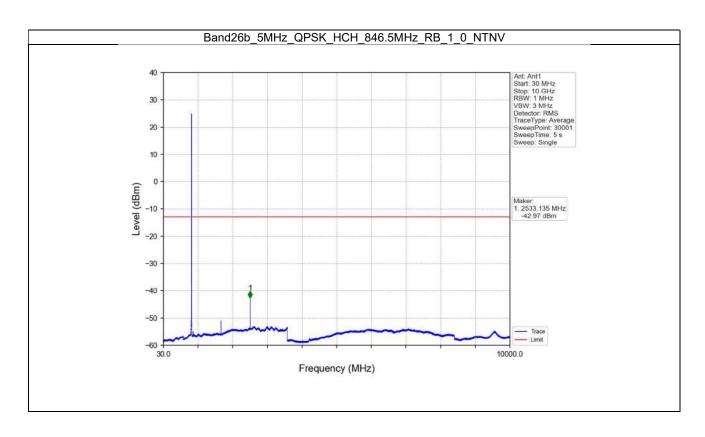
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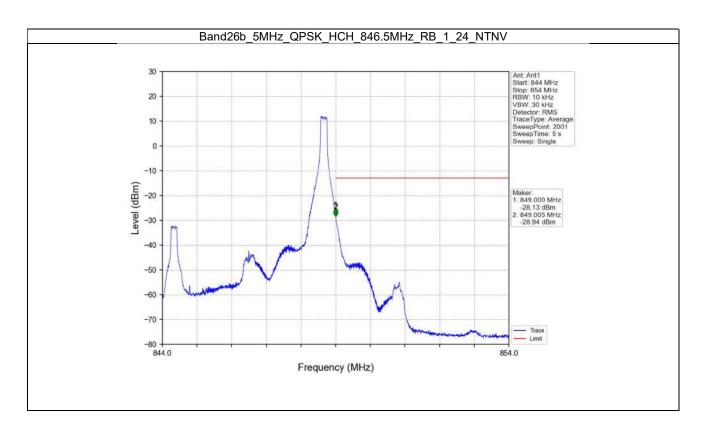
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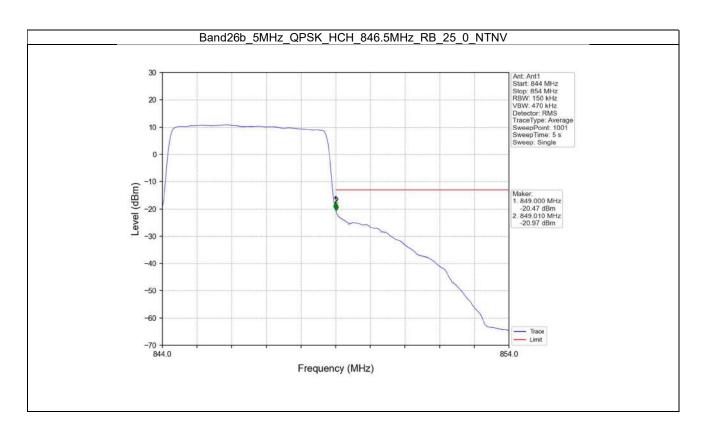


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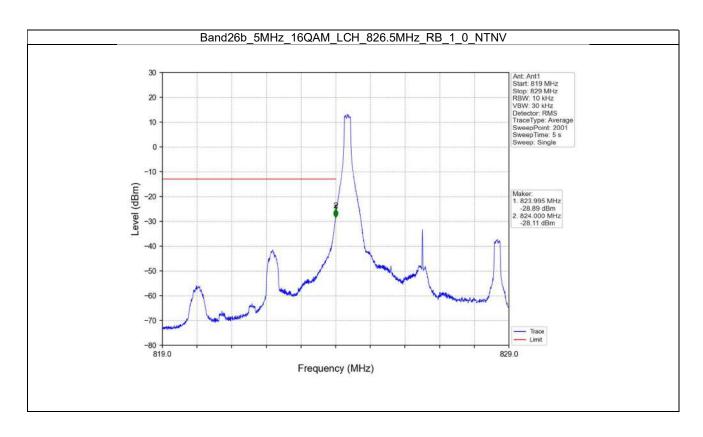
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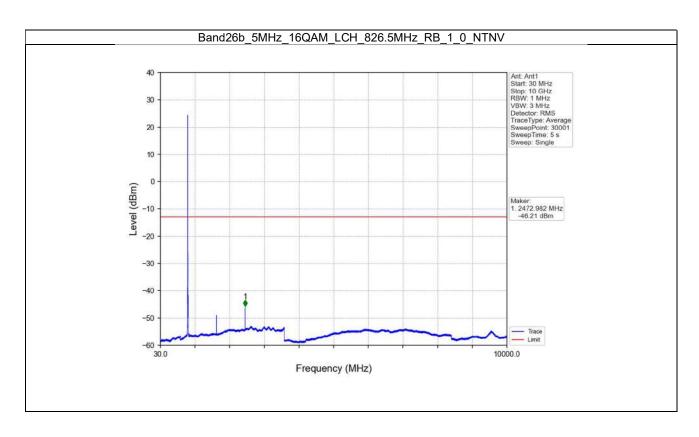


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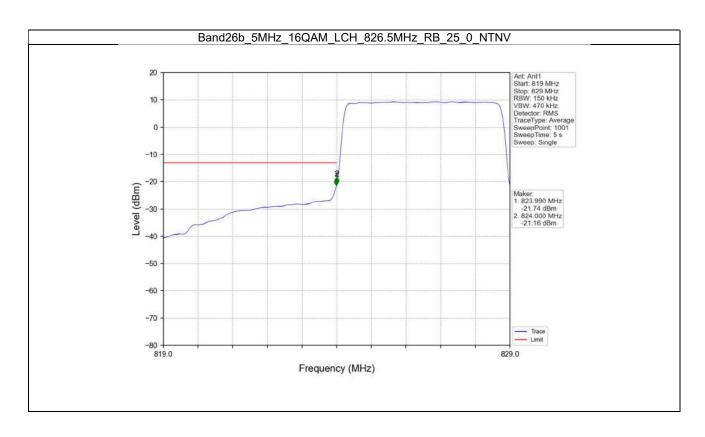
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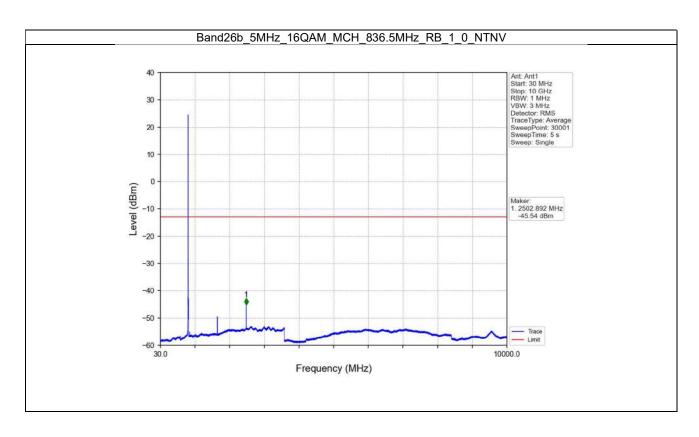
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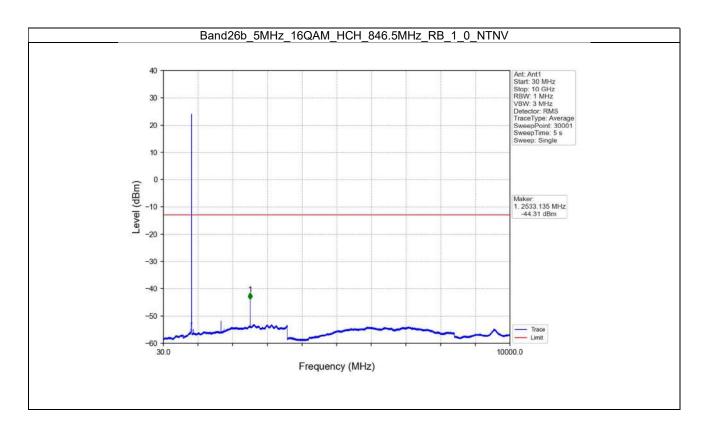
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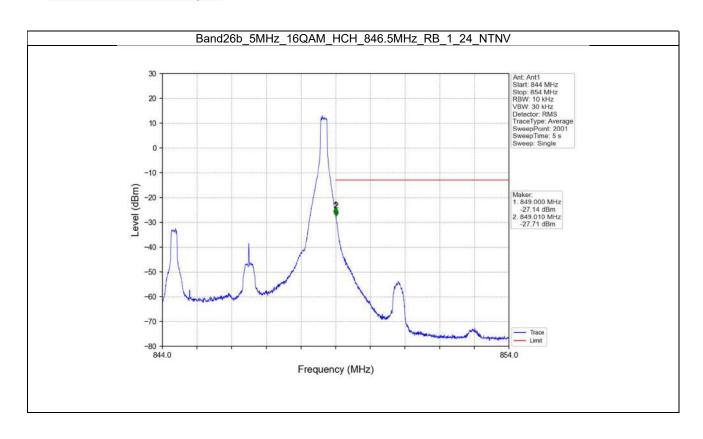
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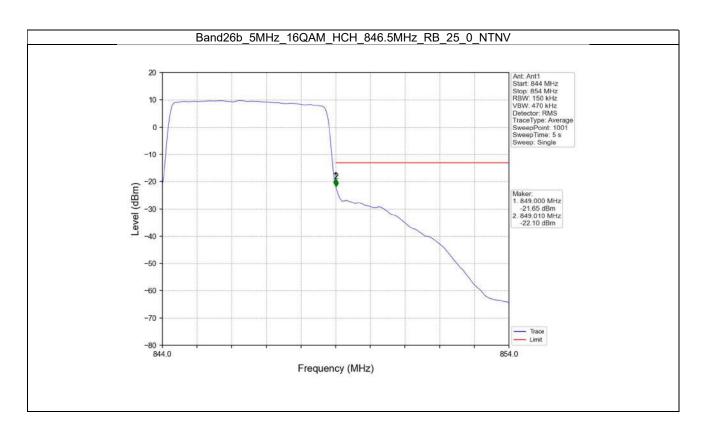
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#### 6.4 B26b\_10MHz

#### 6.4.1 Test Result

		Ва	nd: 26b / Bandwid	dth: 10MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	verdict
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	Refer To Test Graph		Pass
		50	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	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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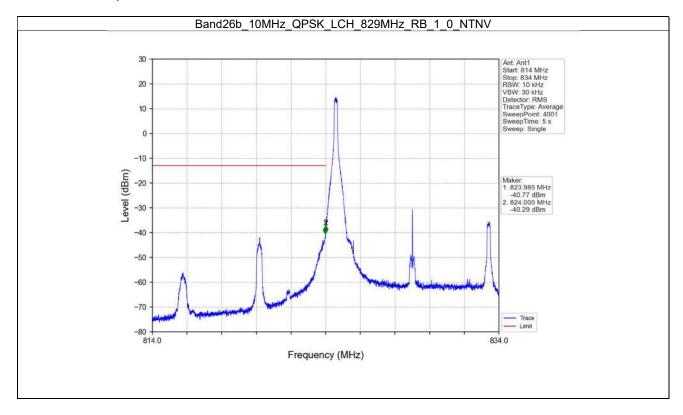
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#### 6.4.2 Test Graph



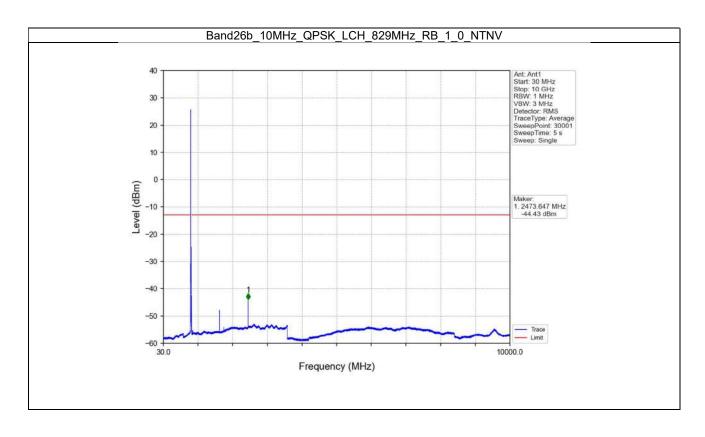


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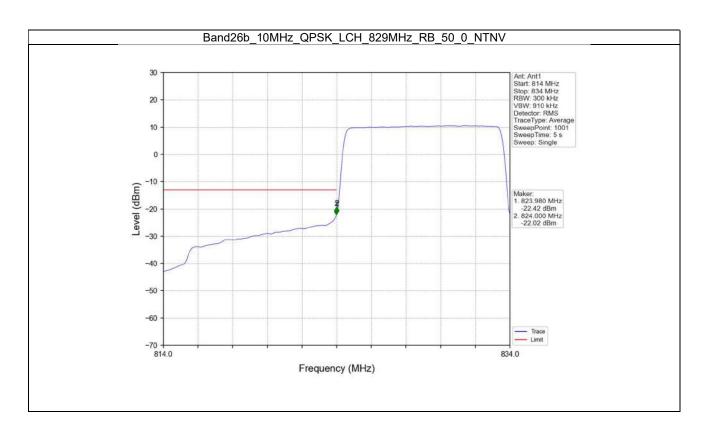
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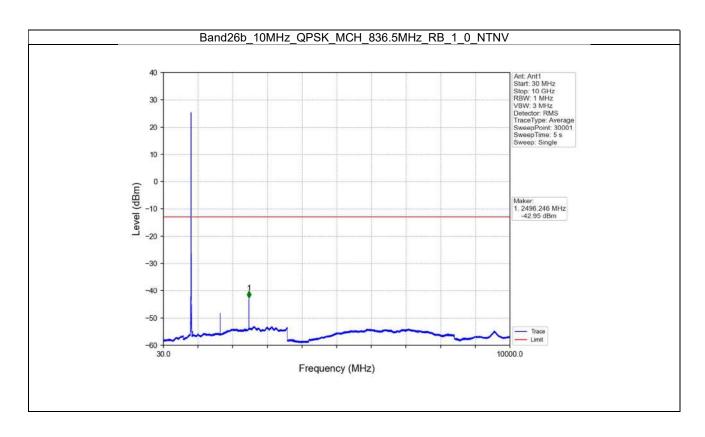
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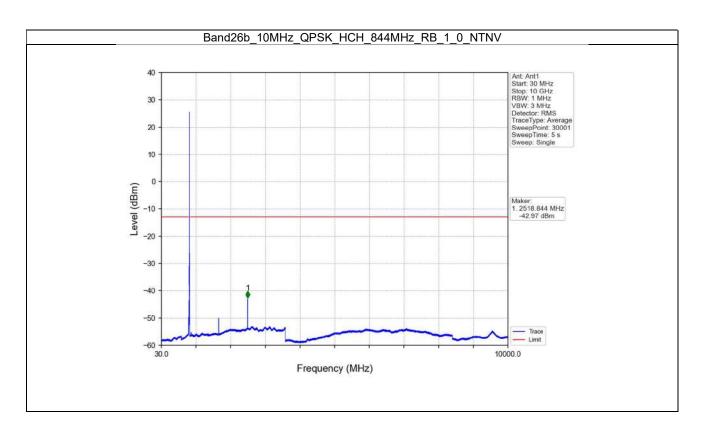
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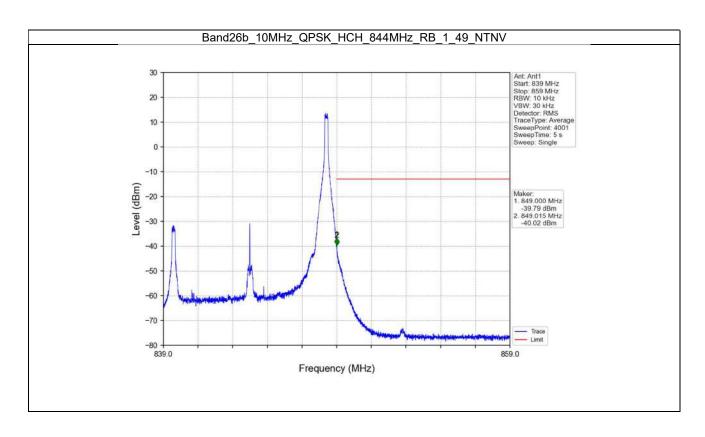
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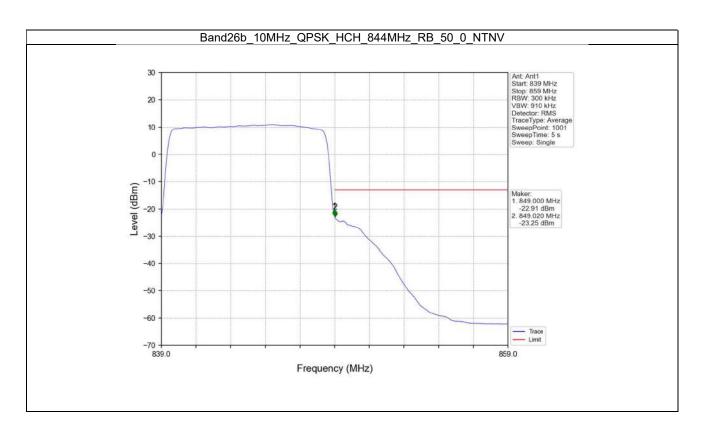
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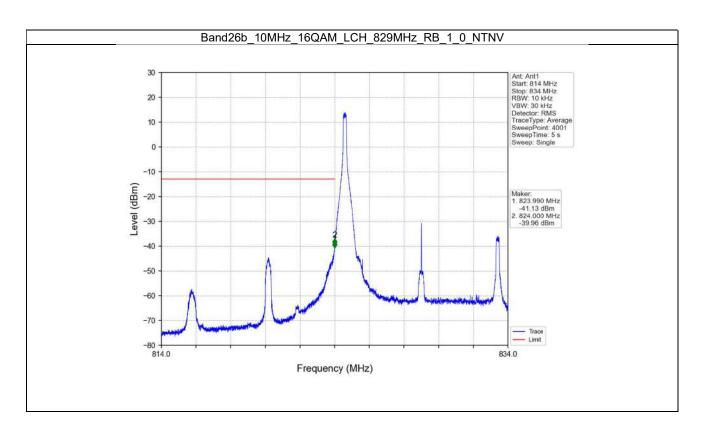
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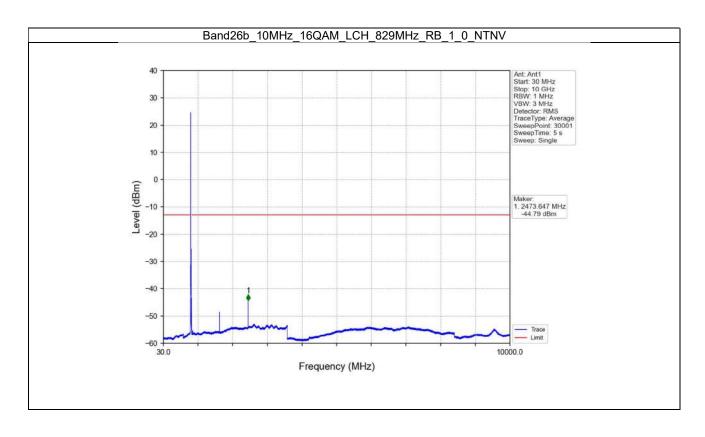
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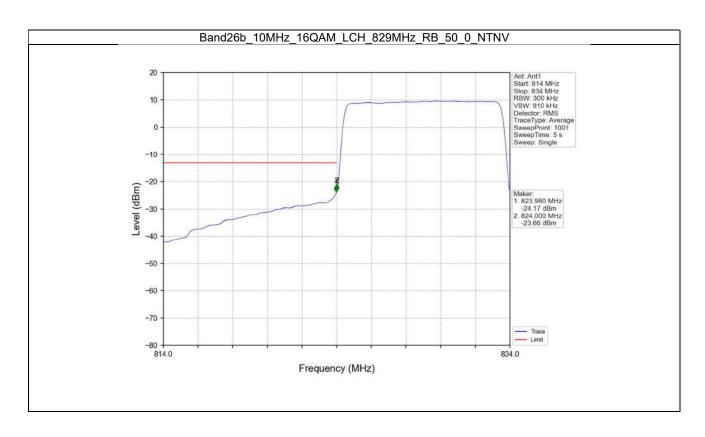
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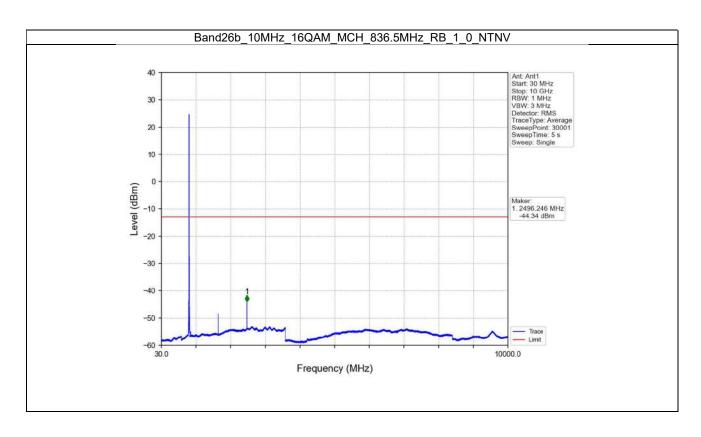
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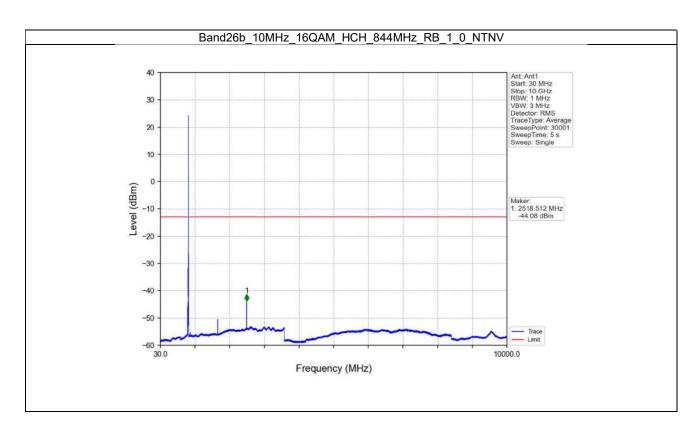
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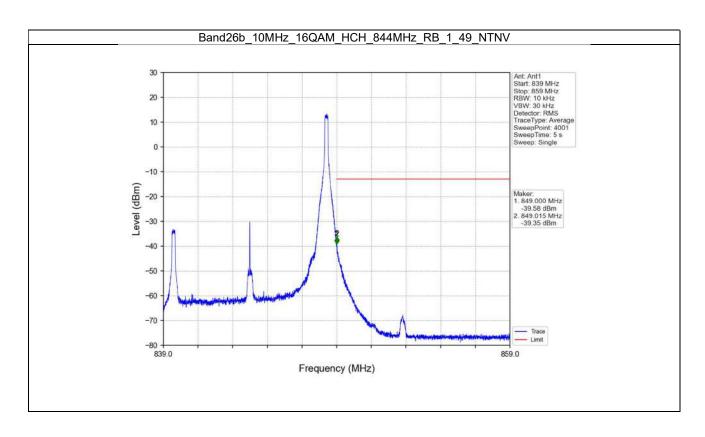
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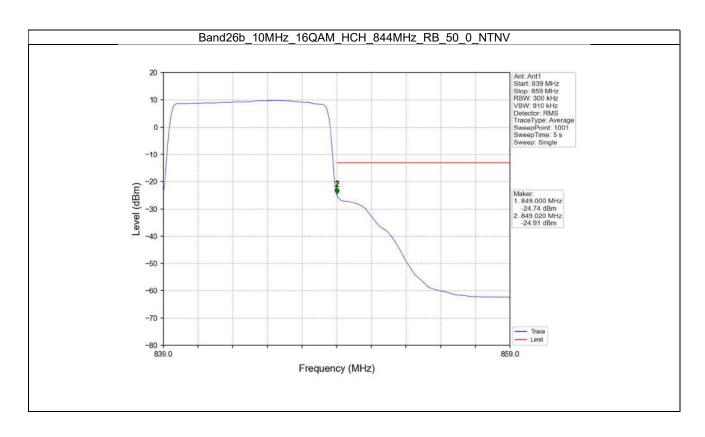
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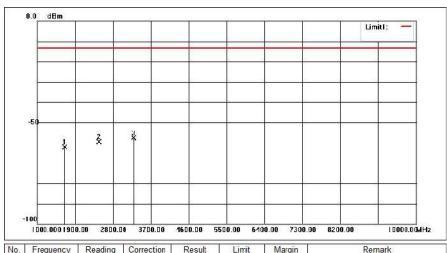
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# 7. Field Strength of Spurious Radiation

Up Antenna

### LTE BAND 26b-10MHz-Low channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.680	-48.72	-13.40	-62.12	-13.00	-49.12	peak
2	2474.520	-50.25	-9.47	-59.72	-13.00	-46.72	peak
3	3299.360	-51.86	-5.68	-57.54	-13.00	-44.54	peak



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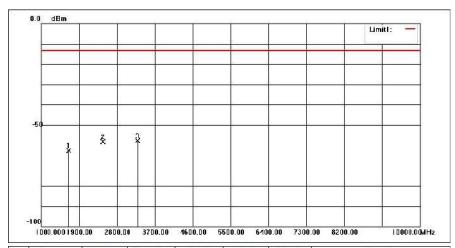
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### Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1649.680	-49.23	-13.40	-62.63	-13.00	-49.63	peak	
2	2474.520	-49.02	-9.47	-58.49	-13.00	-45.49	peak	
3	3299.360	-52.22	-5.68	-57.90	-13.00	-44.90	peak	



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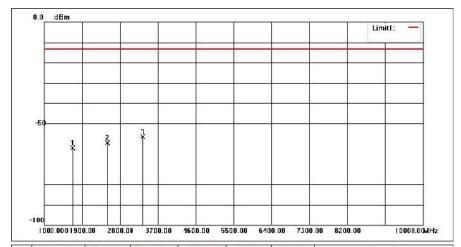
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#### LTE BAND 26b-10MHz-Middle channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1673.000	-48.54	-13.57	-62.11	-13.00	-49.11	peak	
2	2509.500	-50.47	-9.26	-59.73	-13.00	-46.73	peak	
3	3346.000	-51.07	-5.51	-56.58	-13.00	-43.58	peak	



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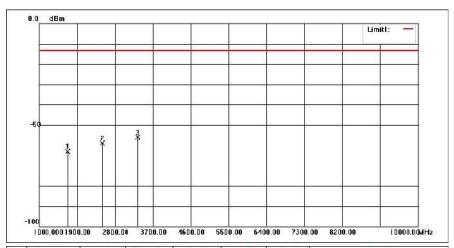
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### Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1673.000	-49.47	-13.57	-63.04	-13.00	-50.04	peak	
2	2509.500	-49.91	-9.26	-59.17	-13.00	-46.17	peak	
3	3346.000	-50.62	-5.51	-56.13	-13.00	-43.13	peak	



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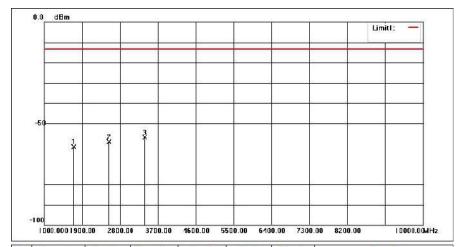
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### LTE BAND 26b-10MHz-High channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1696.320	-47.92	-13.75	-61.67	-13.00	-48.67	peak
2	2544.480	-50.11	-9.11	-59.22	-13.00	-46.22	peak
3	3392.640	-51.46	-5.34	-56.80	-13.00	-43.80	peak



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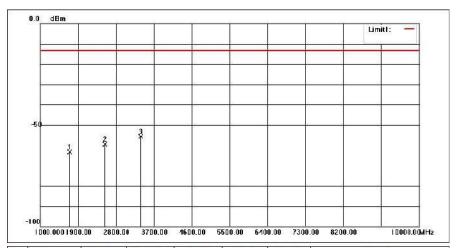
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### Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1696.320	-49.56	-13.75	-63.31	-13.00	-50.31	peak	
2	2544.480	-50.51	-9.11	-59.62	-13.00	-46.62	peak	
3	3392.640	-50.26	-5.34	-55.60	-13.00	-42.60	peak	



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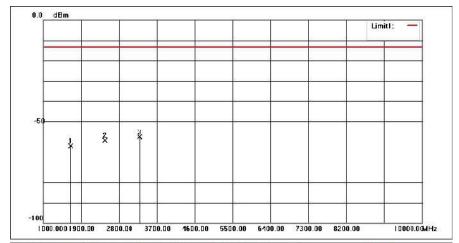


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#### Down Antenna

#### LTE BAND 26b-10MHz-Low channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	1649.680	-48.78	-13.40	-62.18	-13.00	-49.18	peak
2	2474.520	-49.91	-9.47	-59.38	-13.00	-46.38	peak
3	3299.360	-51.94	-5.68	-57.62	-13.00	-44.62	peak



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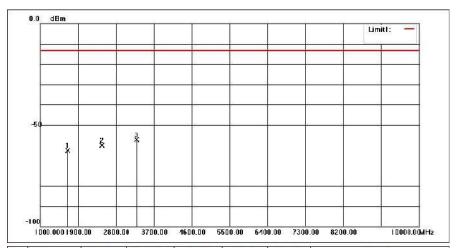
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### Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1649.680	-49.30	-13.40	-62.70	-13.00	-49.70	peak	
2	2474.520	-50.64	-9.47	-60.11	-13.00	-47.11	peak	
3	3299.360	-51.66	-5.68	-57.34	-13.00	-44.34	peak	



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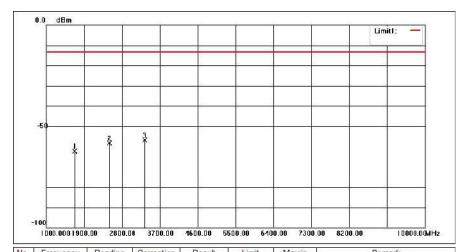
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#### LTE BAND 26b-10MHz-Middle channel

Polarization: H



NO.	(MHz)	(dBm)	factor(dB)	(dBm)	(dBm)	(dB)	Remark	
1	1673.000	-48.81	-13.57	-62.38	-13.00	-49.38	peak	
2	2509.500	-49.15	-9.26	-58.41	-13.00	-45.41	peak	
3	3346.000	-51.25	-5.51	-56.76	-13.00	-43.76	peak	



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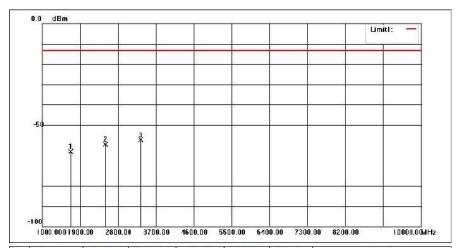
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### Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1673.000	-49.46	-13.57	-63.03	-13.00	-50.03	peak	
2	2509.500	-50.33	-9.26	-59.59	-13.00	-46.59	peak	
3	3346.000	-51.96	-5.51	-57.47	-13.00	-44.47	peak	



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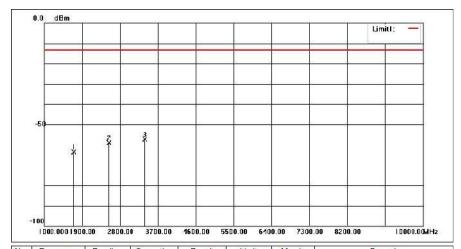
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### LTE BAND 26b-10MHz-High channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark	
1	1696.320	-49.78	-13.75	-63.53	-13.00	-50.53	peak	
2	2544.480	-50.06	-9.11	-59.17	-13.00	-46.17	peak	
3	3392.640	-52.00	-5.34	-57.34	-13.00	-44.34	peak	



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3392 640

-50.76

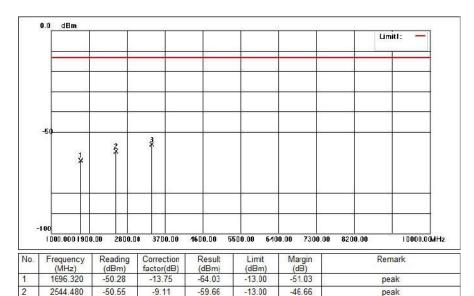
-5.34

### **Compliance Certification Services** (Kunshan) Inc.

peak

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### Polarization: V



Remark1:According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

-56.10

Remark2: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

-13.00

-43.10



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