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Appendix B.10

LTE Band 14



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1. Effective (Isotropic) Radiated Power Output Data

For report SUCR240400011301:

1.1 B14_5MHz_ERP (NPANT002)

1.1.1 Test Result

Band: 14 / Bandwidth: 5MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	790.5	1	0	23.17	3.25	24.27	<=34.77	Pass	
			13	23.21	3.25	24.31	<=34.77	Pass	
			24	23.04	3.25	24.14	<=34.77	Pass	
		12	0	22.22	3.25	23.32	<=34.77	Pass	
			6	22.23	3.25	23.33	<=34.77	Pass	
			13	22.16	3.25	23.26	<=34.77	Pass	
		25	0	22.21	3.25	23.31	<=34.77	Pass	
			1	0	23.15	3.25	24.25	<=34.77	Pass
				13	23.18	3.25	24.28	<=34.77	Pass
	24	23.08		3.25	24.18	<=34.77	Pass		
	793	12	0	22.19	3.25	23.29	<=34.77	Pass	
			6	22.17	3.25	23.27	<=34.77	Pass	
			13	22.12	3.25	23.22	<=34.77	Pass	
		25	0	22.19	3.25	23.29	<=34.77	Pass	
			1	0	23.14	3.25	24.24	<=34.77	Pass
				13	23.16	3.25	24.26	<=34.77	Pass
	24	23.06		3.25	24.16	<=34.77	Pass		
	795.5	12	0	22.18	3.25	23.28	<=34.77	Pass	
			6	22.18	3.25	23.28	<=34.77	Pass	
			13	22.13	3.25	23.23	<=34.77	Pass	
		25	0	22.15	3.25	23.25	<=34.77	Pass	
			1	0	22.07	3.25	23.17	<=34.77	Pass
				13	22.10	3.25	23.2	<=34.77	Pass
	24	21.94		3.25	23.04	<=34.77	Pass		
16QAM	790.5	12	0	21.25	3.25	22.35	<=34.77	Pass	
			6	21.25	3.25	22.35	<=34.77	Pass	
			13	21.20	3.25	22.3	<=34.77	Pass	
		25	0	21.28	3.25	22.38	<=34.77	Pass	
			1	0	22.39	3.25	23.49	<=34.77	Pass
				13	22.44	3.25	23.54	<=34.77	Pass
	24	22.28		3.25	23.38	<=34.77	Pass		
	793	12	0	21.29	3.25	22.39	<=34.77	Pass	
			6	21.28	3.25	22.38	<=34.77	Pass	
			13	21.19	3.25	22.29	<=34.77	Pass	
		25	0	21.20	3.25	22.3	<=34.77	Pass	
			1	0	22.23	3.25	23.33	<=34.77	Pass
13				22.27	3.25	23.37	<=34.77	Pass	



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		24	22.14	3.25	23.24	<=34.77	Pass
	12	0	21.20	3.25	22.3	<=34.77	Pass
		6	21.18	3.25	22.28	<=34.77	Pass
		13	21.13	3.25	22.23	<=34.77	Pass
	25	0	21.19	3.25	22.29	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B14_10MHz_ERP

1.2.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	793	1	0	23.13	3.25	24.23	<=34.77	Pass		
			25	23.06	3.25	24.16	<=34.77	Pass		
			49	23.02	3.25	24.12	<=34.77	Pass		
		25	0	22.24	3.25	23.34	<=34.77	Pass		
			13	22.24	3.25	23.34	<=34.77	Pass		
			25	22.18	3.25	23.28	<=34.77	Pass		
		50	0	22.21	3.25	23.31	<=34.77	Pass		
		16QAM	793	1	0	22.77	3.25	23.87	<=34.77	Pass
					25	22.68	3.25	23.78	<=34.77	Pass
49	22.54				3.25	23.64	<=34.77	Pass		
25	0			21.36	3.25	22.46	<=34.77	Pass		
	13			21.32	3.25	22.42	<=34.77	Pass		
	25			21.27	3.25	22.37	<=34.77	Pass		
50	0			21.28	3.25	22.38	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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For report SUCR240500014801:

1.3 B14_5MHz_ERP(NPANT002)

1.3.1 Test Result

Band: 14 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	790.5	1	0	22.72	3.25	23.82	<=34.77	Pass		
			13	22.77	3.25	23.87	<=34.77	Pass		
			24	22.63	3.25	23.73	<=34.77	Pass		
		12	0	21.80	3.25	22.90	<=34.77	Pass		
			6	21.76	3.25	22.86	<=34.77	Pass		
			13	21.72	3.25	22.82	<=34.77	Pass		
		25	0	21.79	3.25	22.89	<=34.77	Pass		
		793	1	0	22.67	3.25	23.77	<=34.77	Pass	
				13	22.73	3.25	23.83	<=34.77	Pass	
	24			22.62	3.25	23.72	<=34.77	Pass		
	12		0	21.78	3.25	22.88	<=34.77	Pass		
			6	21.77	3.25	22.87	<=34.77	Pass		
			13	21.74	3.25	22.84	<=34.77	Pass		
	25		0	21.77	3.25	22.87	<=34.77	Pass		
	795.5		1	0	22.63	3.25	23.73	<=34.77	Pass	
				13	22.63	3.25	23.73	<=34.77	Pass	
		24		22.52	3.25	23.62	<=34.77	Pass		
		12	0	21.75	3.25	22.85	<=34.77	Pass		
			6	21.72	3.25	22.82	<=34.77	Pass		
			13	21.70	3.25	22.80	<=34.77	Pass		
		25	0	21.71	3.25	22.81	<=34.77	Pass		
		16QAM	790.5	1	0	22.02	3.25	23.12	<=34.77	Pass
					13	22.01	3.25	23.11	<=34.77	Pass
	24				21.91	3.25	23.01	<=34.77	Pass	
12	0			20.85	3.25	21.95	<=34.77	Pass		
	6			20.85	3.25	21.95	<=34.77	Pass		
	13			20.78	3.25	21.88	<=34.77	Pass		
25	0			20.86	3.25	21.96	<=34.77	Pass		
793	1			0	21.88	3.25	22.98	<=34.77	Pass	
				13	21.93	3.25	23.03	<=34.77	Pass	
			24	21.80	3.25	22.90	<=34.77	Pass		
	12		0	20.80	3.25	21.90	<=34.77	Pass		
			6	20.77	3.25	21.87	<=34.77	Pass		
			13	20.69	3.25	21.79	<=34.77	Pass		
	25		0	20.76	3.25	21.86	<=34.77	Pass		
	795.5		1	0	21.92	3.25	23.02	<=34.77	Pass	
				13	21.97	3.25	23.07	<=34.77	Pass	
24				21.81	3.25	22.91	<=34.77	Pass		
12			0	20.82	3.25	21.92	<=34.77	Pass		
			6	20.77	3.25	21.87	<=34.77	Pass		



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		13	20.77	3.25	21.87	<=34.77	Pass
	25	0	20.76	3.25	21.86	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B14_10MHz_ERP

1.4.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	793	1	0	22.75	3.25	23.85	<=34.77	Pass	
			25	22.70	3.25	23.80	<=34.77	Pass	
			49	22.60	3.25	23.70	<=34.77	Pass	
		25	0	21.81	3.25	22.91	<=34.77	Pass	
			13	21.76	3.25	22.86	<=34.77	Pass	
			25	21.72	3.25	22.82	<=34.77	Pass	
		50	0	21.75	3.25	22.85	<=34.77	Pass	
			1	0	21.99	3.25	23.09	<=34.77	Pass
				25	21.93	3.25	23.03	<=34.77	Pass
49	21.78	3.25		22.88	<=34.77	Pass			
16QAM	793	25	0	20.88	3.25	21.98	<=34.77	Pass	
			13	20.89	3.25	21.99	<=34.77	Pass	
			25	20.83	3.25	21.93	<=34.77	Pass	
		50	0	20.82	3.25	21.92	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.2 B14_10MHz

2.2.1 Test Result

Band: 14 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	793	50	0	20	3.135	-2.380	-0.0030	/	Pass
					3.7	-2.600	-0.0033	/	Pass
					4.4	-4.701	-0.0059	/	Pass
				-30	3.7	-3.013	-0.0038	/	Pass
				-20	3.7	-0.614	-0.0008	/	Pass
				-10	3.7	-3.668	-0.0046	/	Pass
				0	3.7	-4.282	-0.0054	/	Pass
				10	3.7	-1.585	-0.0020	/	Pass
				30	3.7	-1.170	-0.0015	/	Pass
				40	3.7	-3.033	-0.0038	/	Pass
50	3.7	-4.208	-0.0053	/	Pass				
16QAM	793	50	0	20	3.135	-1.063	-0.0013	/	Pass
					3.7	-3.623	-0.0046	/	Pass
					4.4	-2.090	-0.0026	/	Pass
				-30	3.7	-2.010	-0.0025	/	Pass
				-20	3.7	-4.601	-0.0058	/	Pass
				-10	3.7	-1.448	-0.0018	/	Pass
				0	3.7	-0.823	-0.0010	/	Pass
				10	3.7	-5.286	-0.0067	/	Pass
				30	3.7	-3.860	-0.0049	/	Pass
				40	3.7	-2.123	-0.0027	/	Pass
50	3.7	-3.457	-0.0044	/	Pass				



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3. 99% & 26dB Bandwidth

3.1 Band14_OBW

3.1.1 Test Result

Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	4.539	/	Pass
		793	25	0	4.554	/	Pass
		795.5	25	0	4.555	/	Pass
	16QAM	790.5	25	0	4.570	/	Pass
		793	25	0	4.560	/	Pass
		795.5	25	0	4.543	/	Pass
10	QPSK	793	50	0	9.060	/	Pass
	16QAM	793	50	0	9.057	/	Pass



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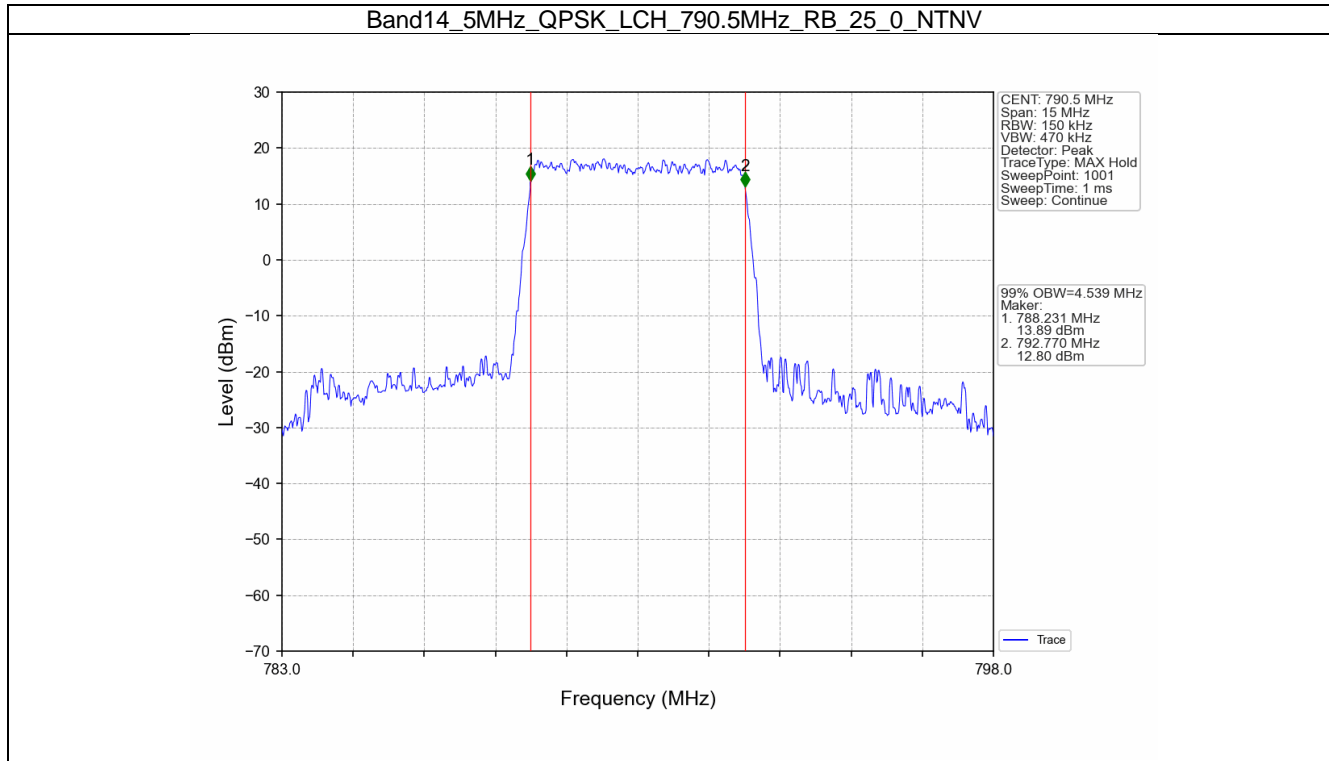
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratories

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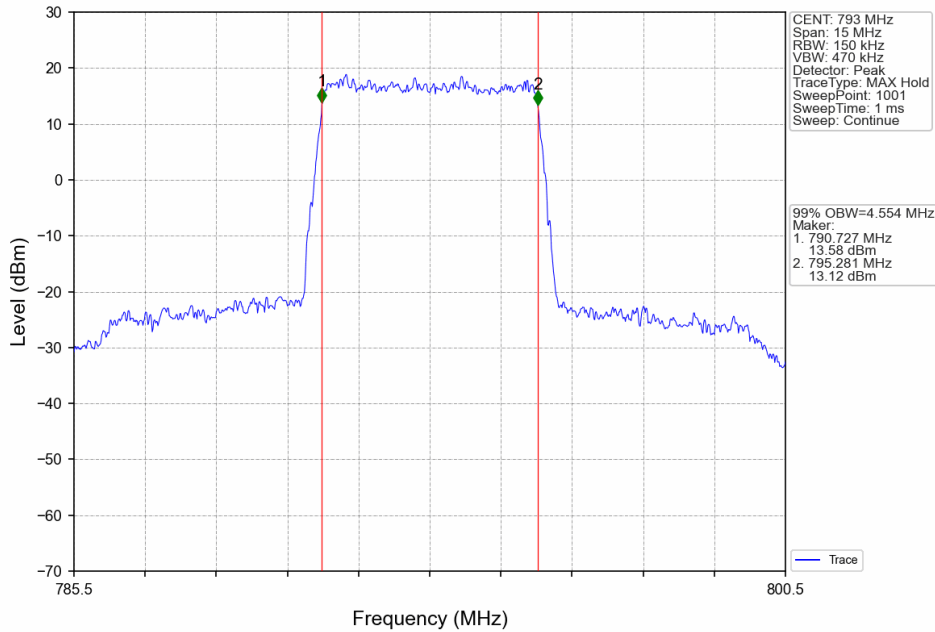
3.1.2 Test Graph



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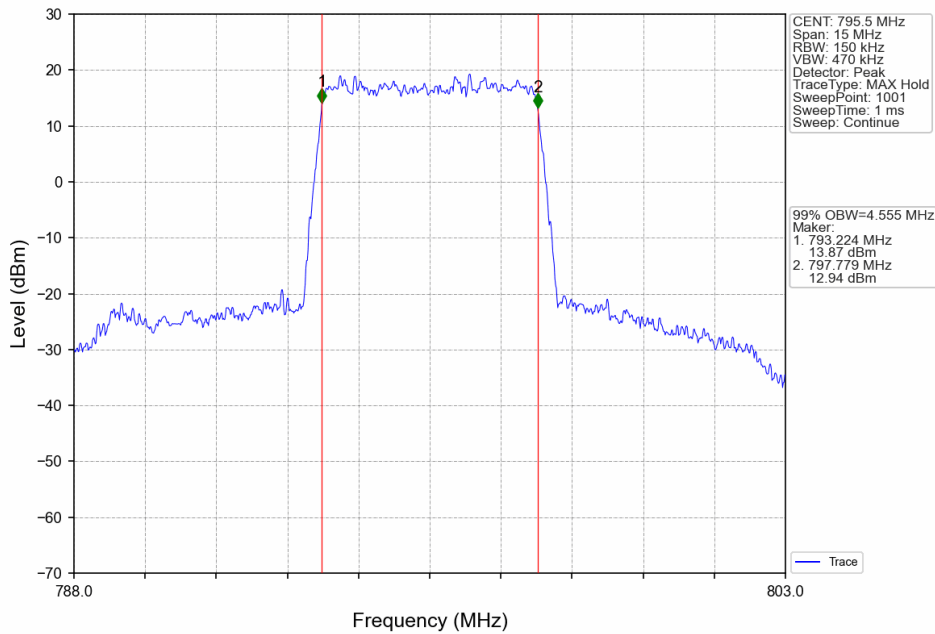
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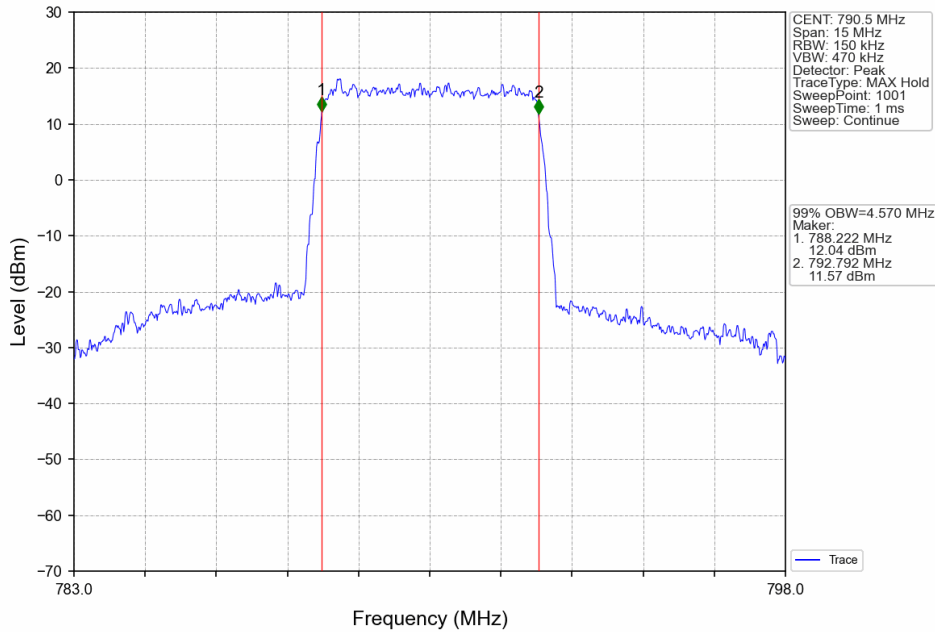
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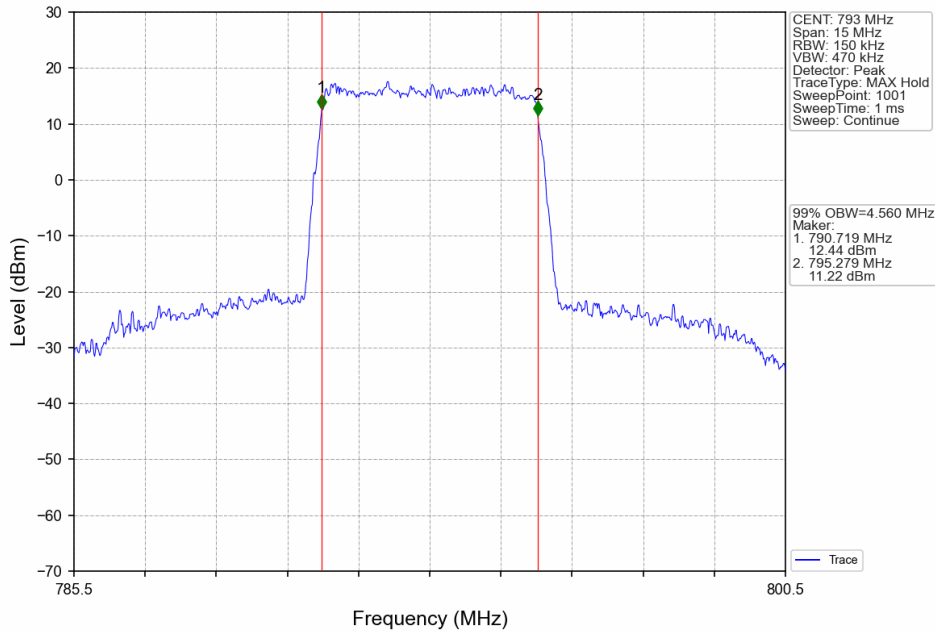
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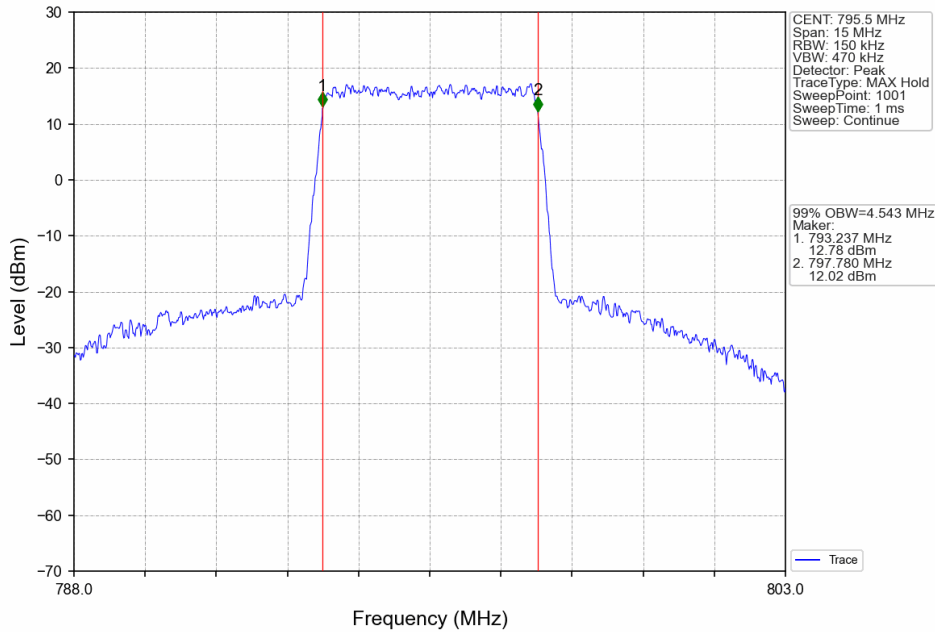
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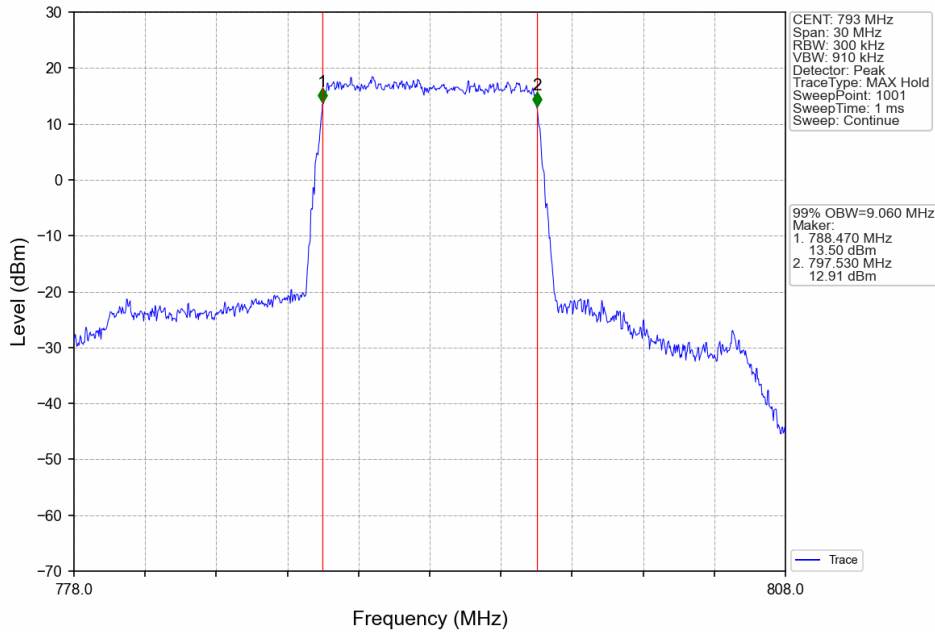
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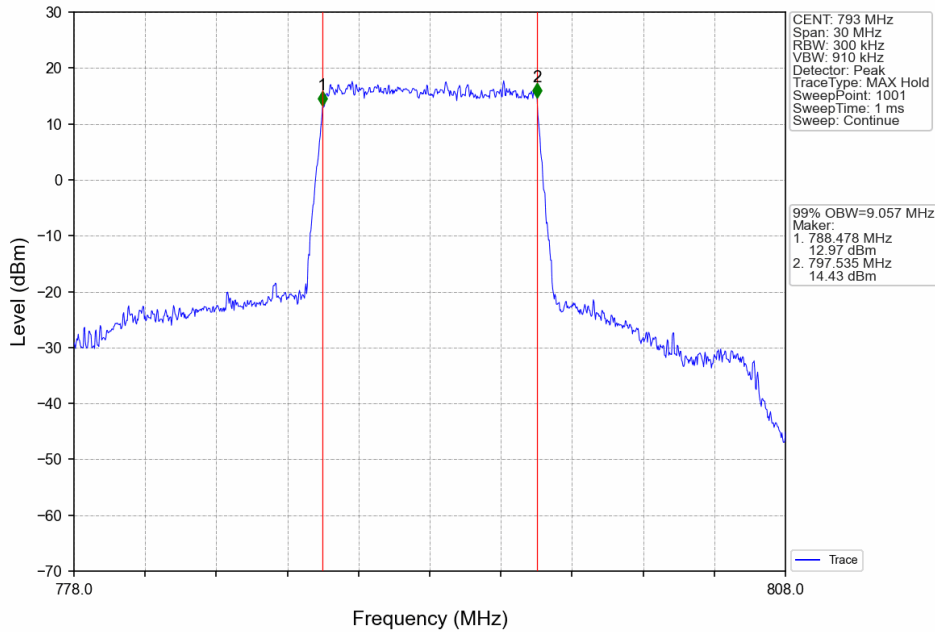
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3.2 Band14_XDB

3.2.1 Test Result

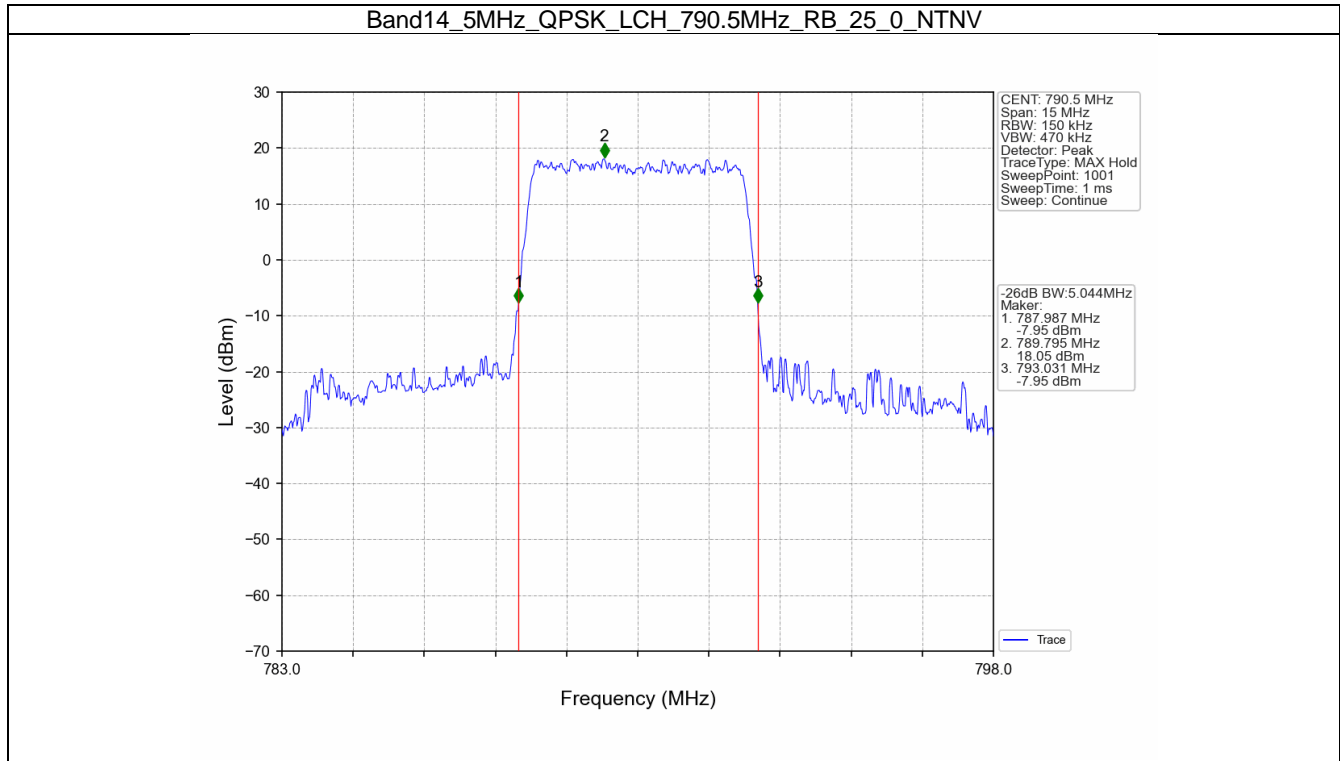
Band: 14 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	790.5	25	0	5.044	/	Pass
		793	25	0	5.020	/	Pass
		795.5	25	0	5.048	/	Pass
	16QAM	790.5	25	0	5.039	/	Pass
		793	25	0	5.070	/	Pass
		795.5	25	0	5.044	/	Pass
10	QPSK	793	50	0	10.036	/	Pass
	16QAM	793	50	0	9.961	/	Pass



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3.2.2 Test Graph



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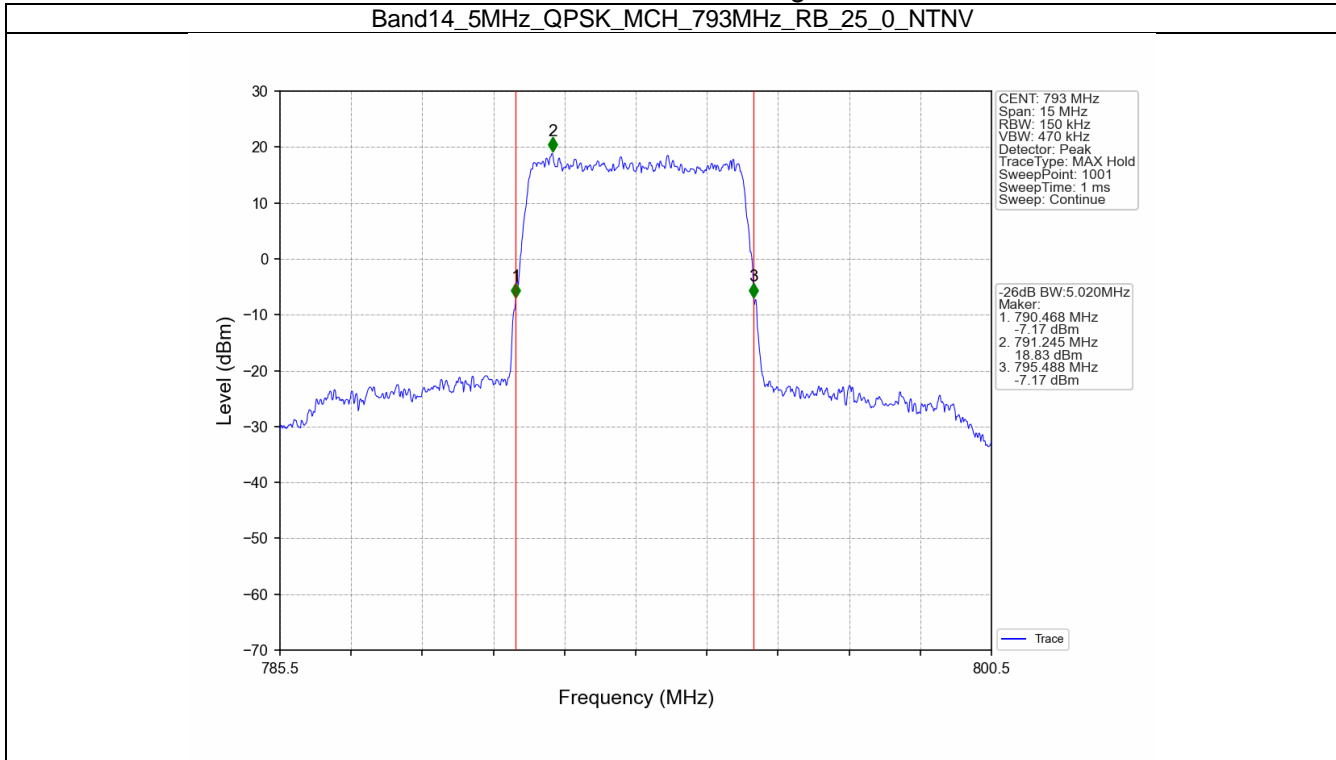
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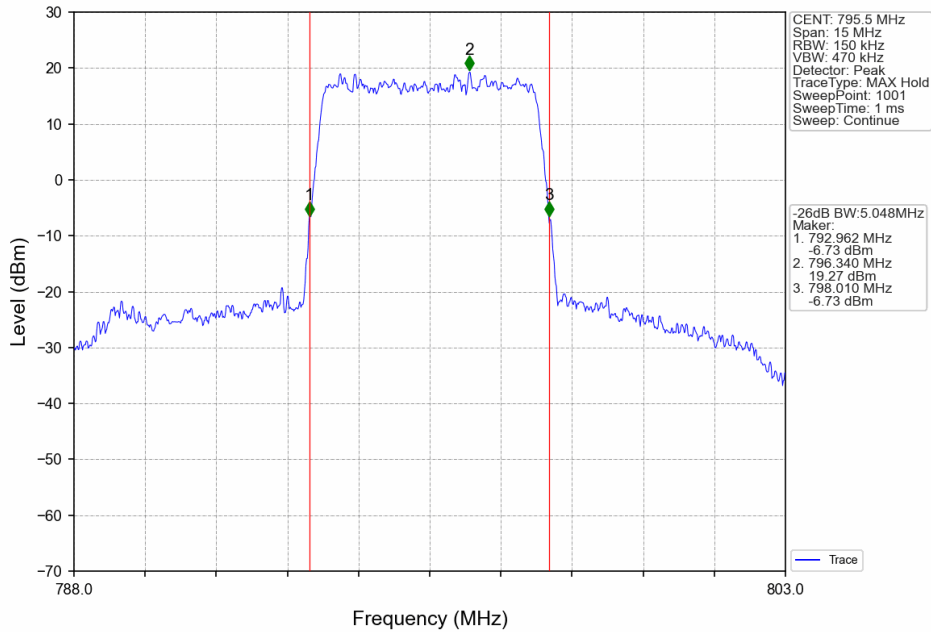
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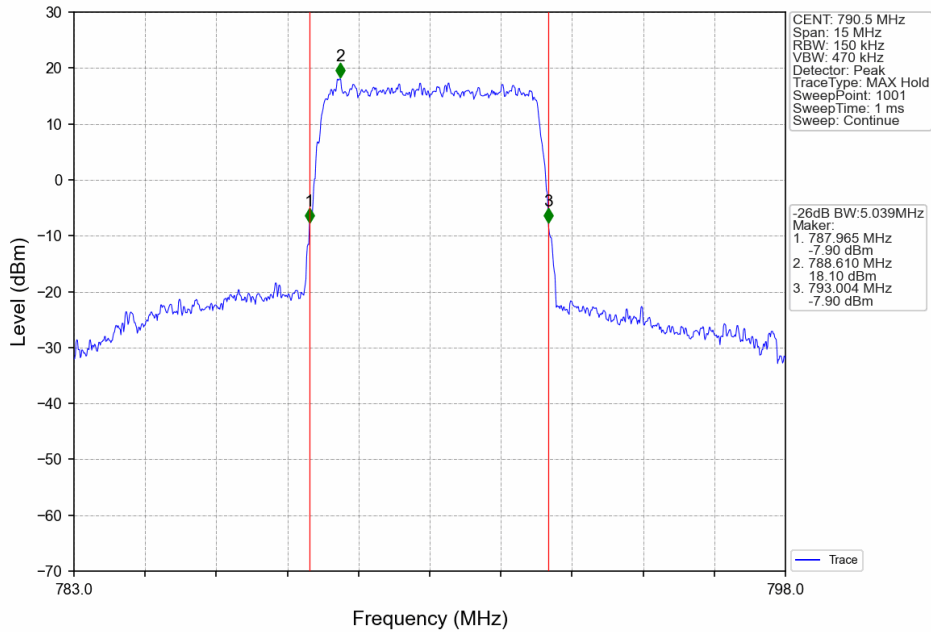
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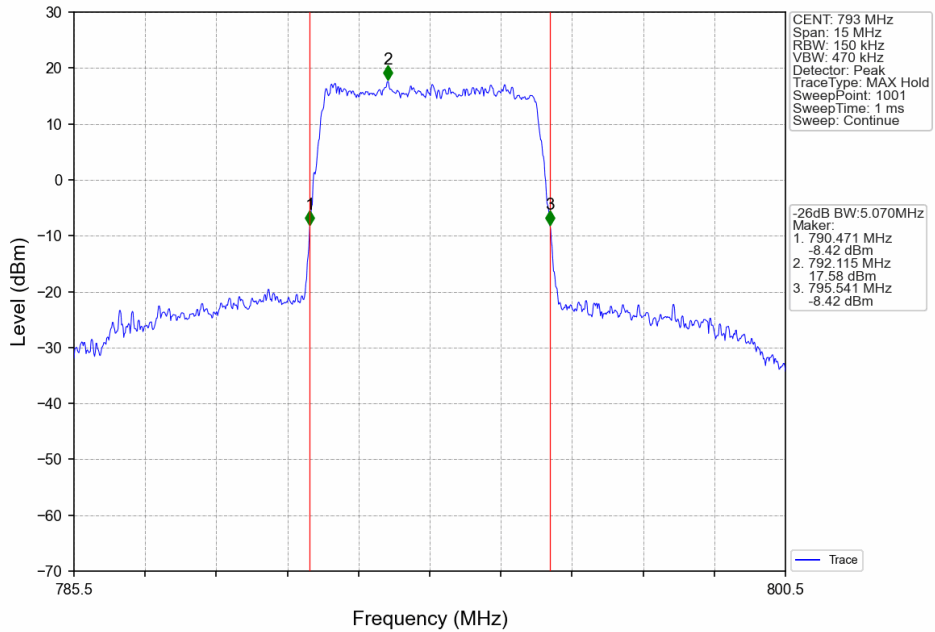
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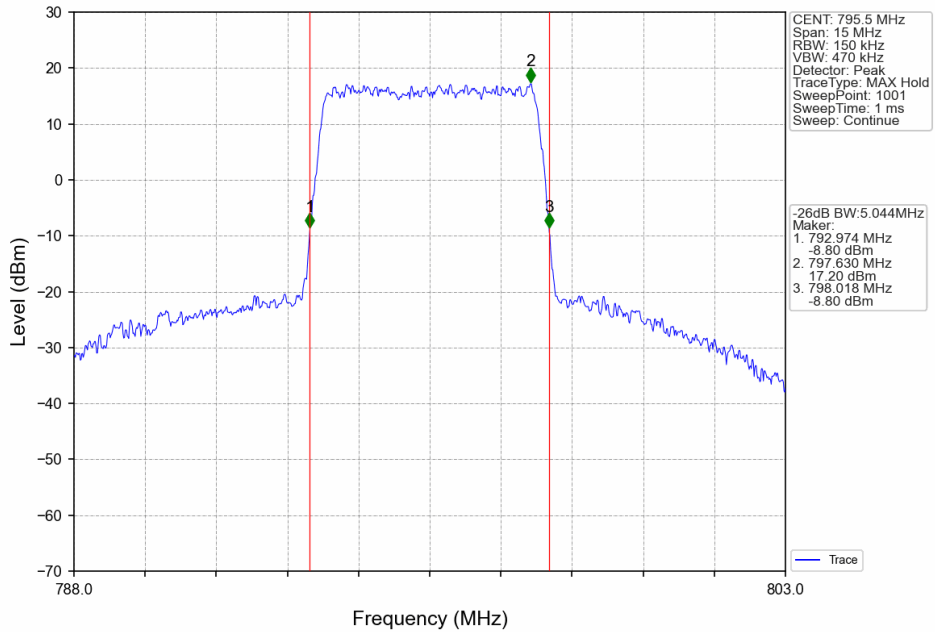
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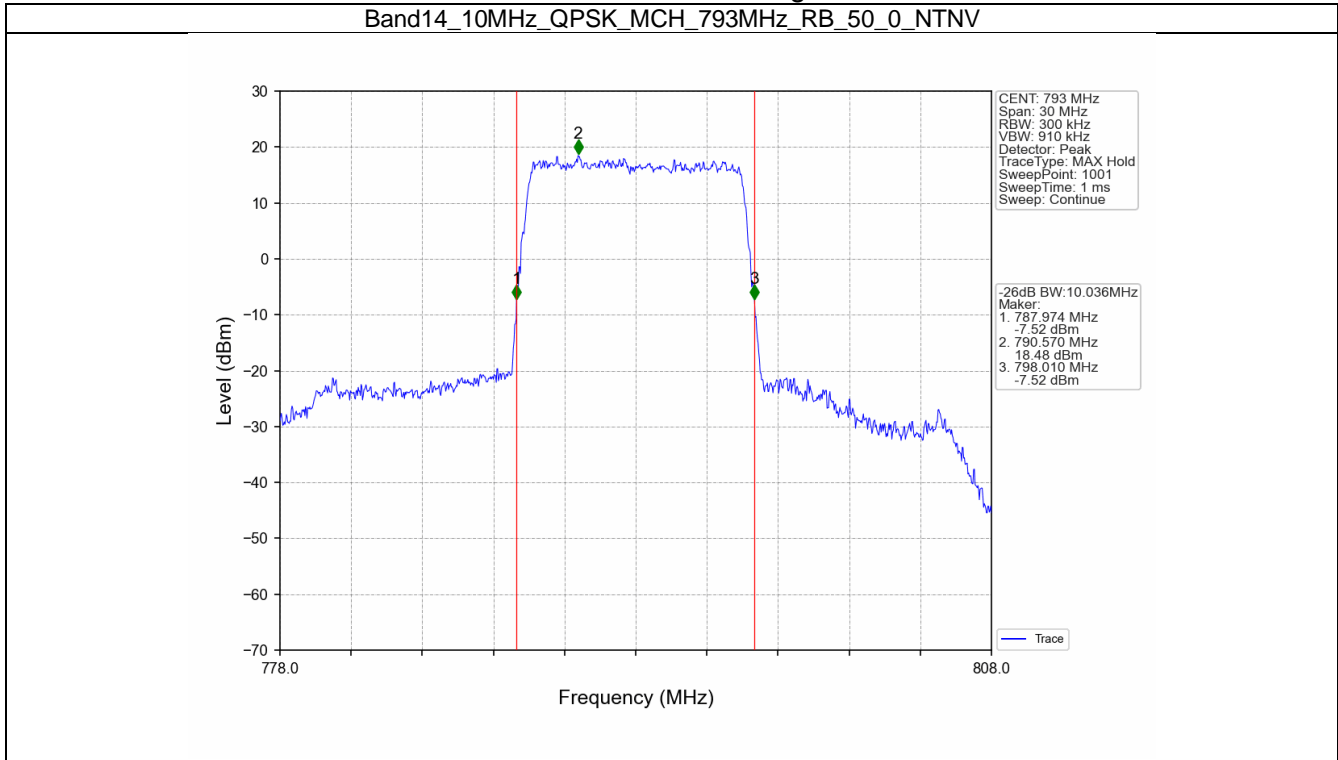
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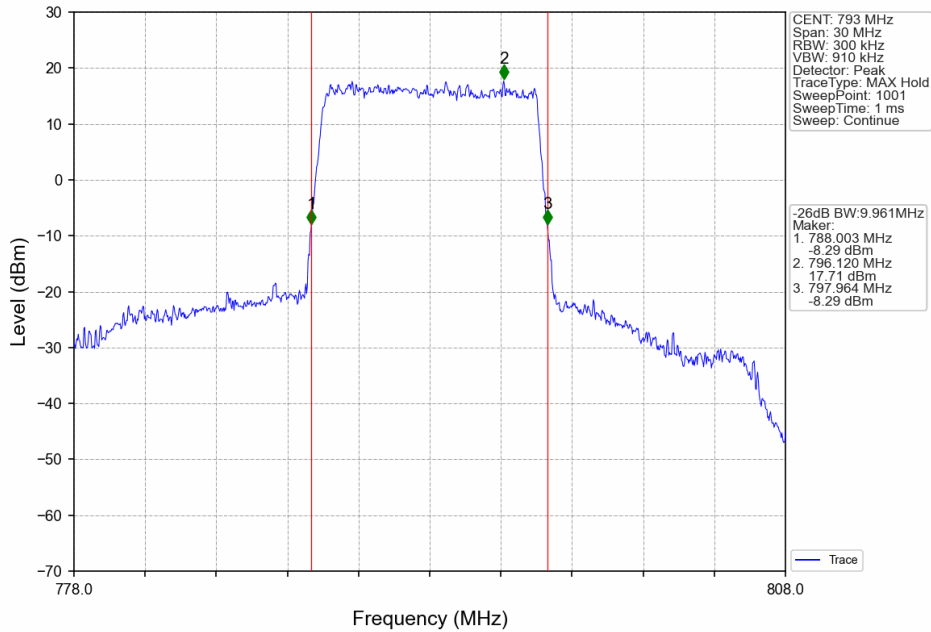
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4. Peak-Average Ratio

4.1 B14_5MHz

4.1.1 Test Result

Band: 14 / Bandwidth: 5MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	790.5	25	0	5.55	<=13	Pass
	793	25	0	5.55	<=13	Pass
	795.5	25	0	5.55	<=13	Pass
16QAM	790.5	25	0	6.31	<=13	Pass
	793	25	0	6.33	<=13	Pass
	795.5	25	0	6.29	<=13	Pass



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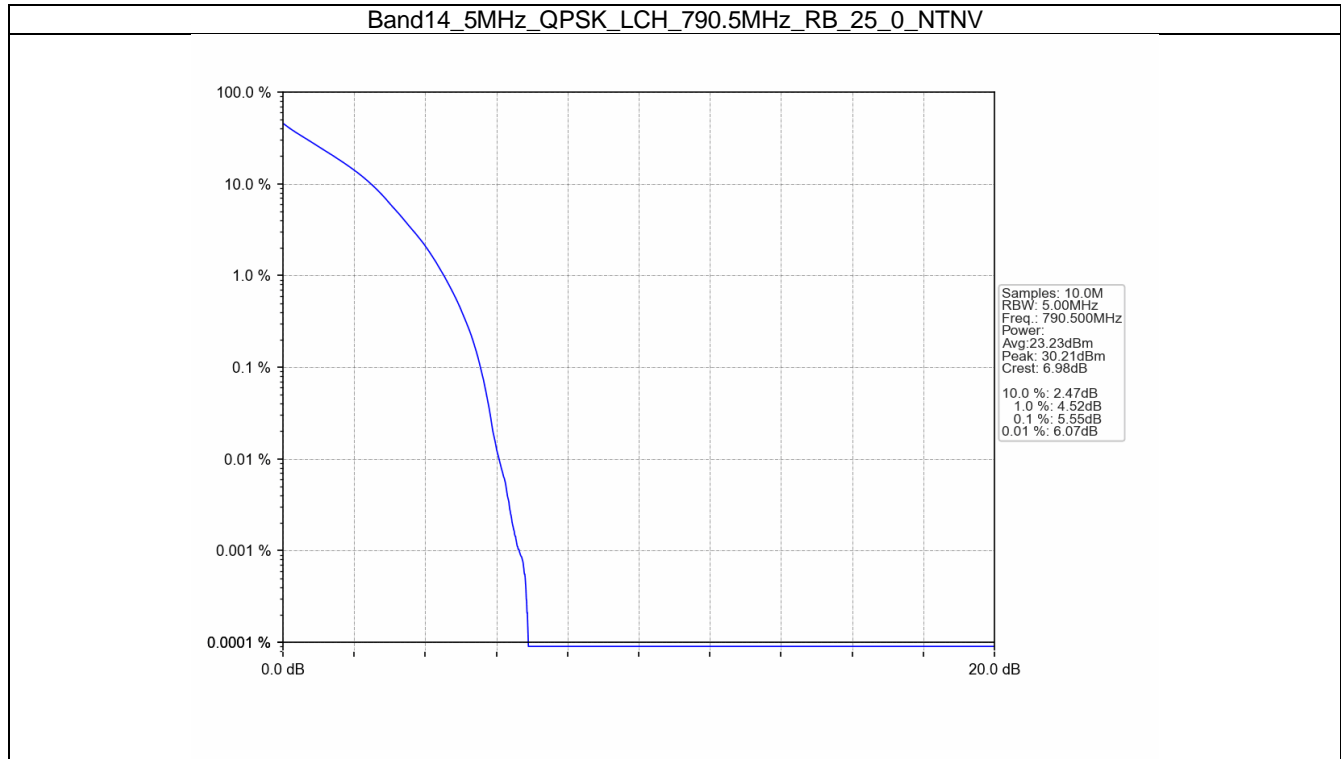
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4.1.2 Test Graph



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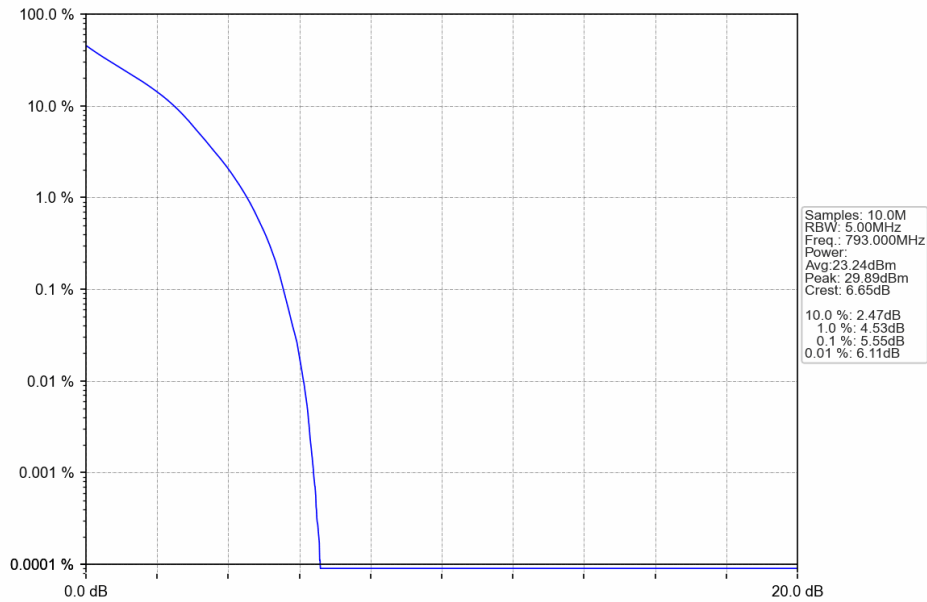
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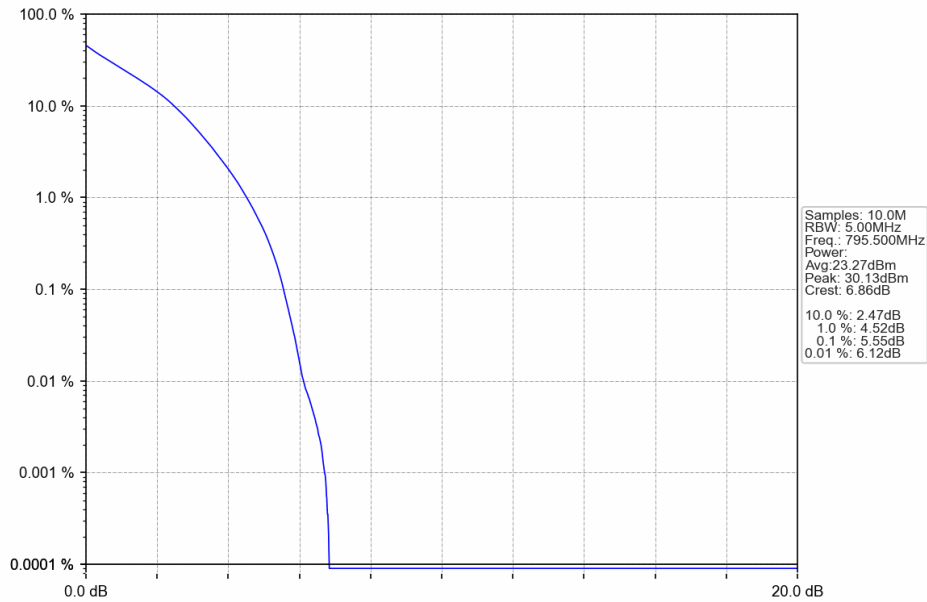
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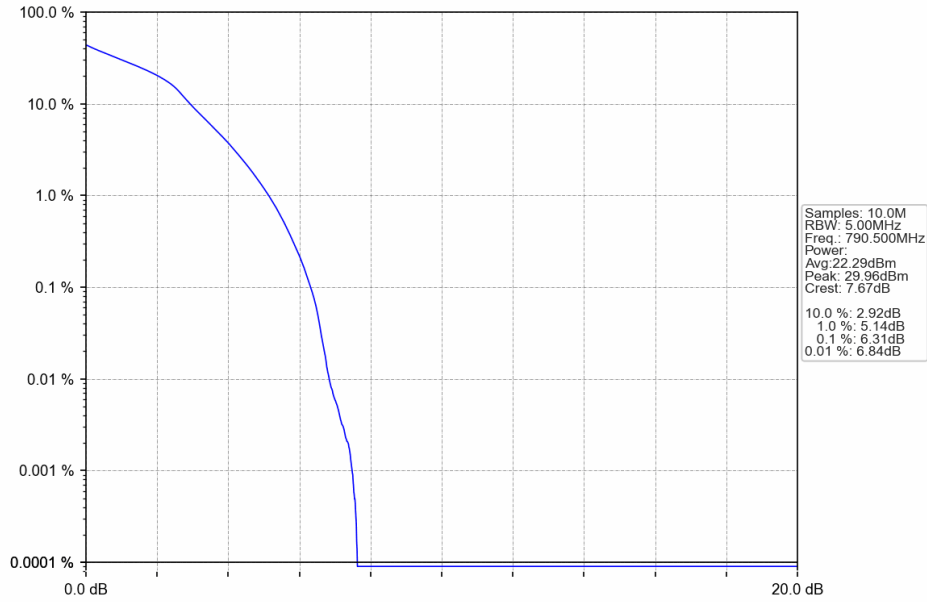
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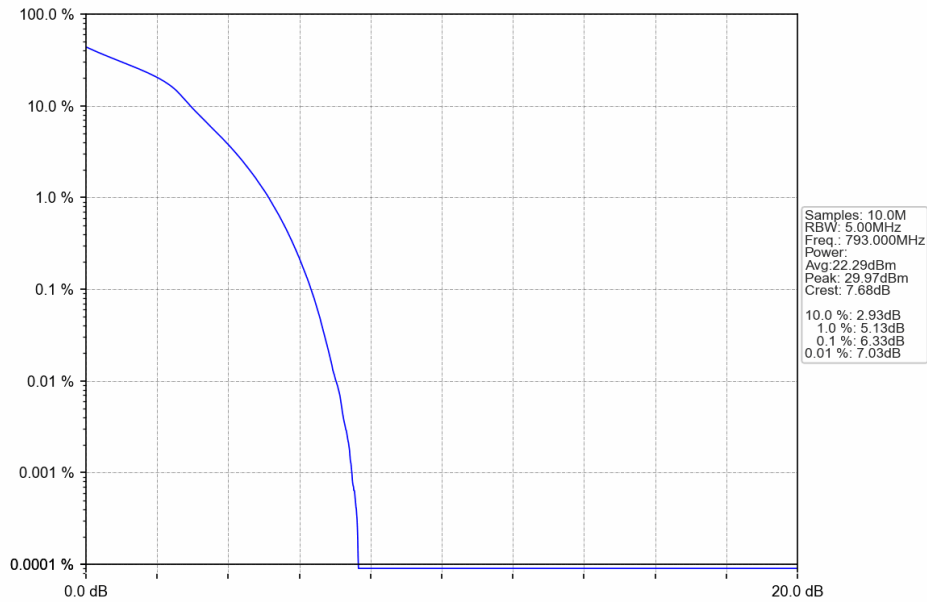
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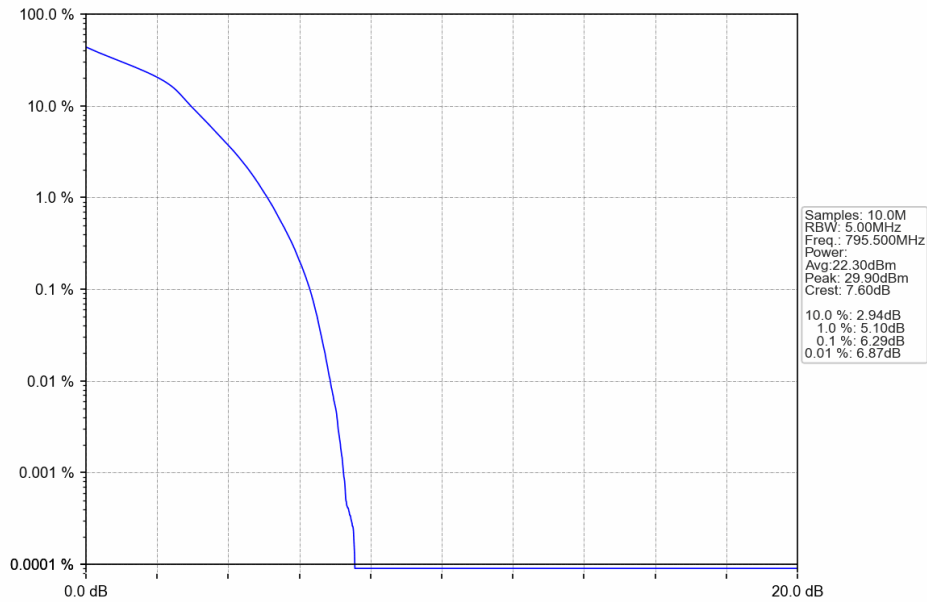
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4.2 B14_10MHz

4.2.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	793	50	0	5.51	<=13	Pass
16QAM	793	50	0	6.31	<=13	Pass



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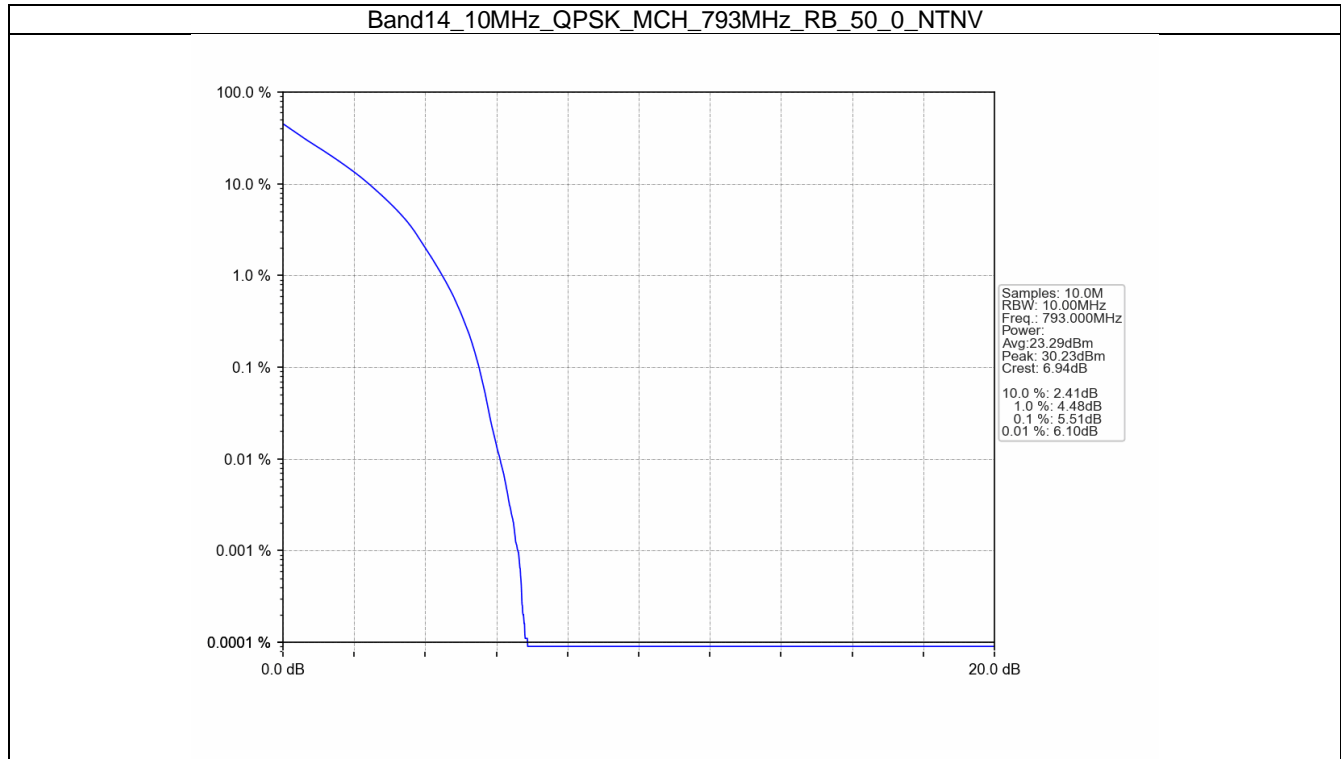
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4.2.2 Test Graph



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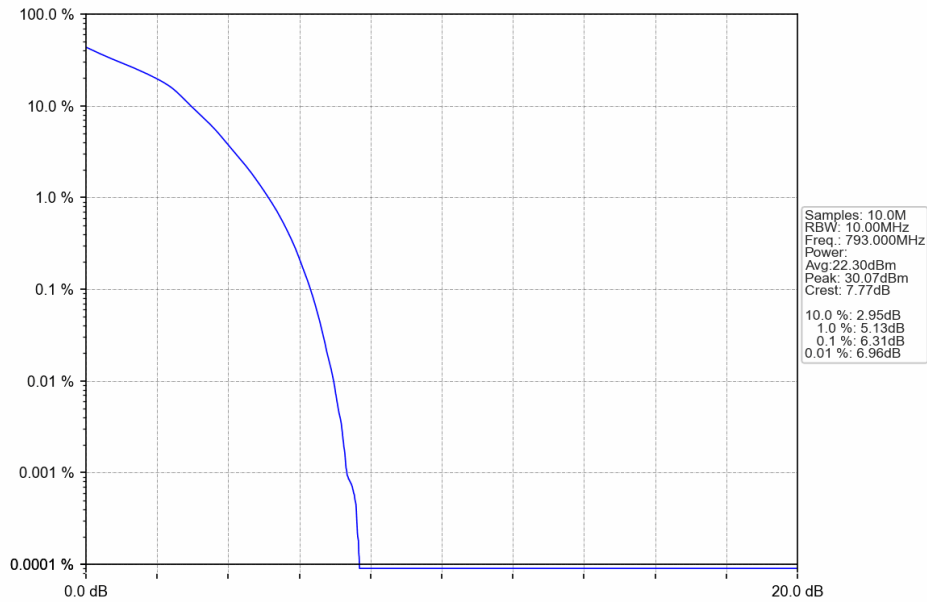
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Rev.: 01
Page: 36 of 53

5. Spurious Emission & Band Edge

5.1 B14_5MHz

5.1.1 Test Result

Table with 6 columns: Modulation, Frequency (MHz), RB Allocation (Size, Offset), Spurious Emission (Result, Limit), and Verdict. Data rows show QPSK modulation at various frequencies (790.5, 793, 795.5 MHz) with different RB Allocation sizes (1, 25) and offsets (0, 24), all resulting in 'Pass' verdicts.



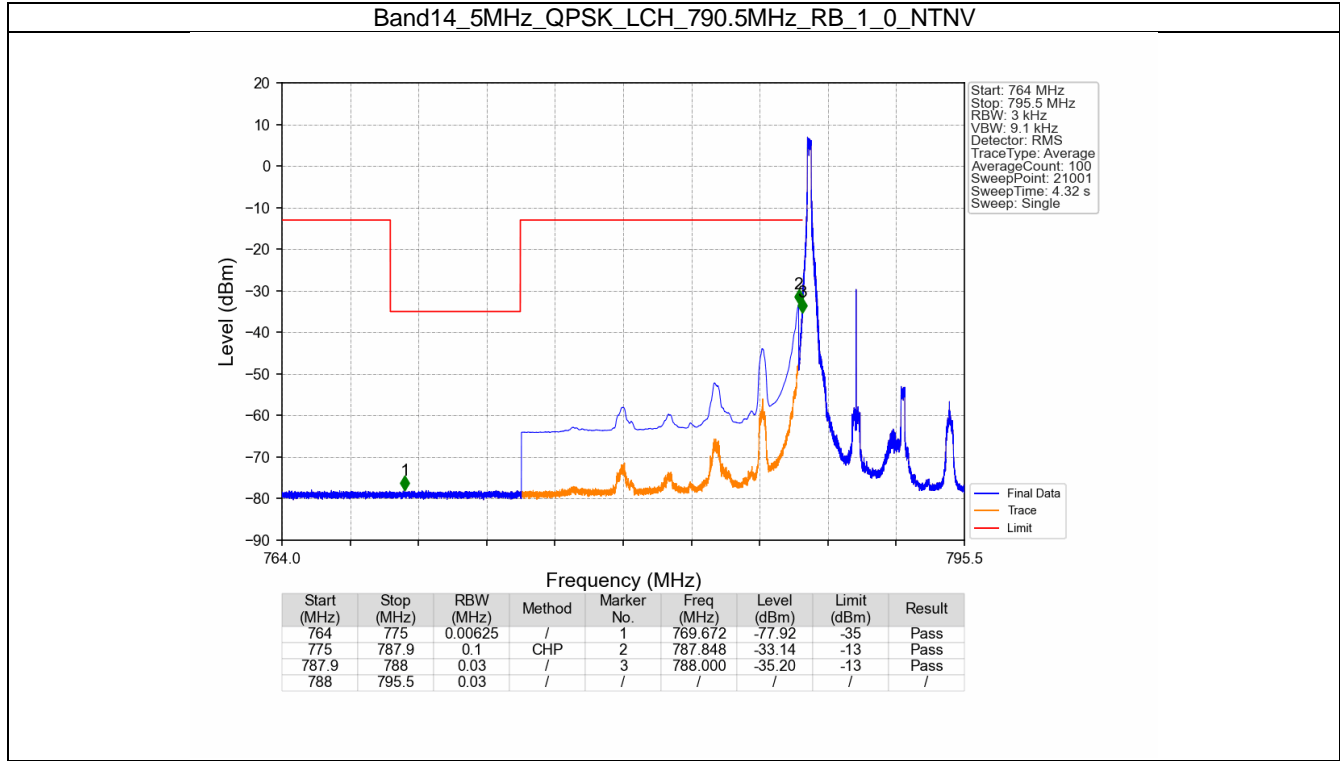
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5.1.2 Test Graph

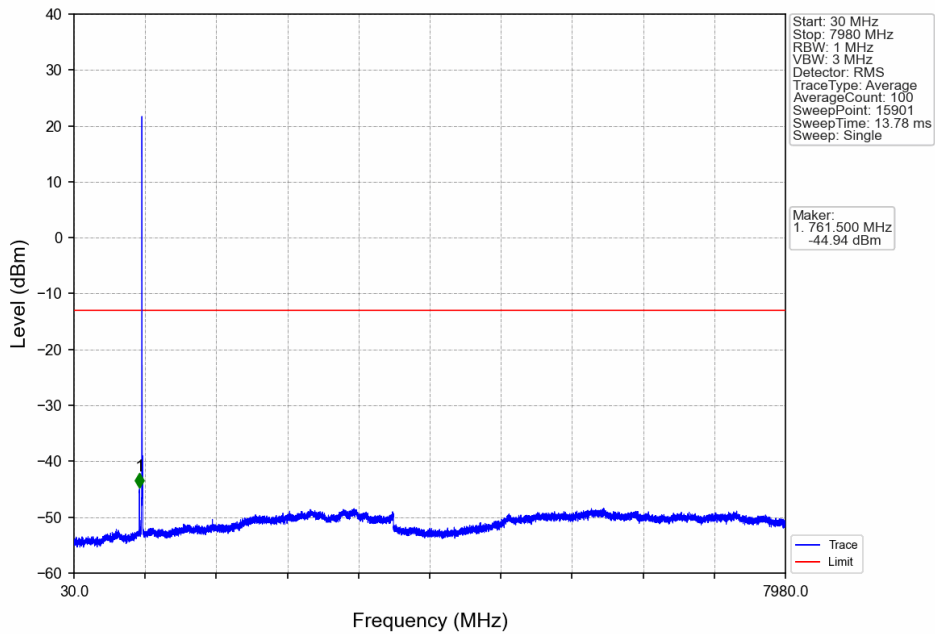


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Band14_5MHz_QPSK_LCH_790.5MHz_RB_1_0_NTNV



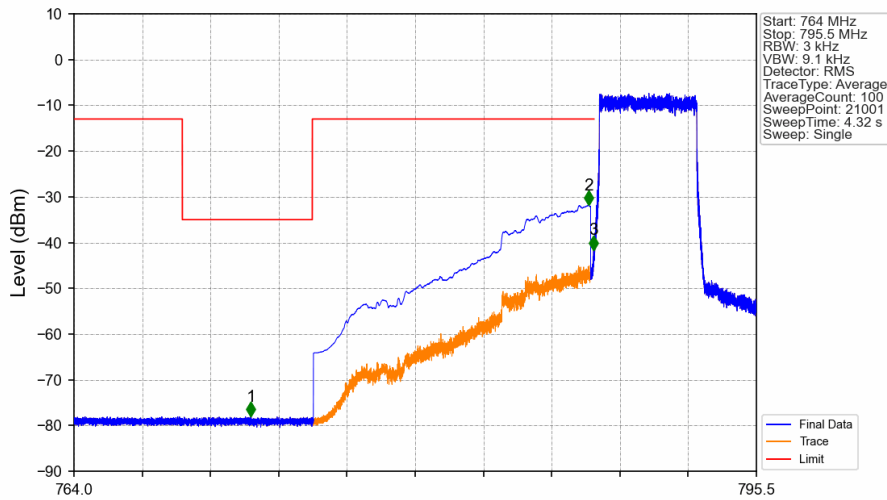
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Band14_5MHz_QPSK_LCH_790.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
764	775	0.00625	/	1	772.163	-78.00	-35	Pass
775	787.9	0.1	CHP	2	787.748	-31.76	-13	Pass
787.9	788	0.03	/	3	787.986	-41.60	-13	Pass
788	795.5	0.03	/	/	/	/	/	/

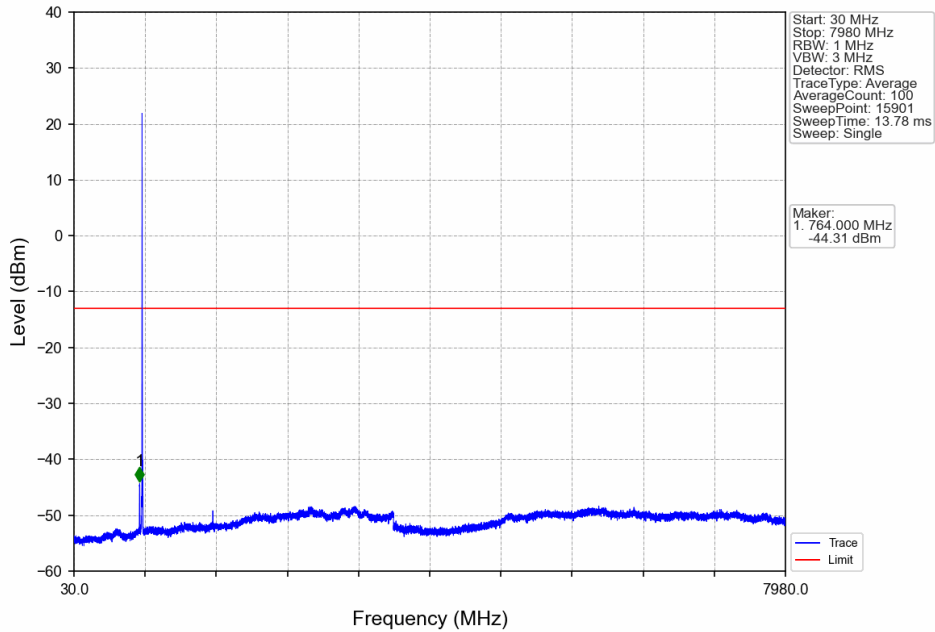


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Band14_5MHz_QPSK_MCH_793MHz_RB_1_0_NTNV



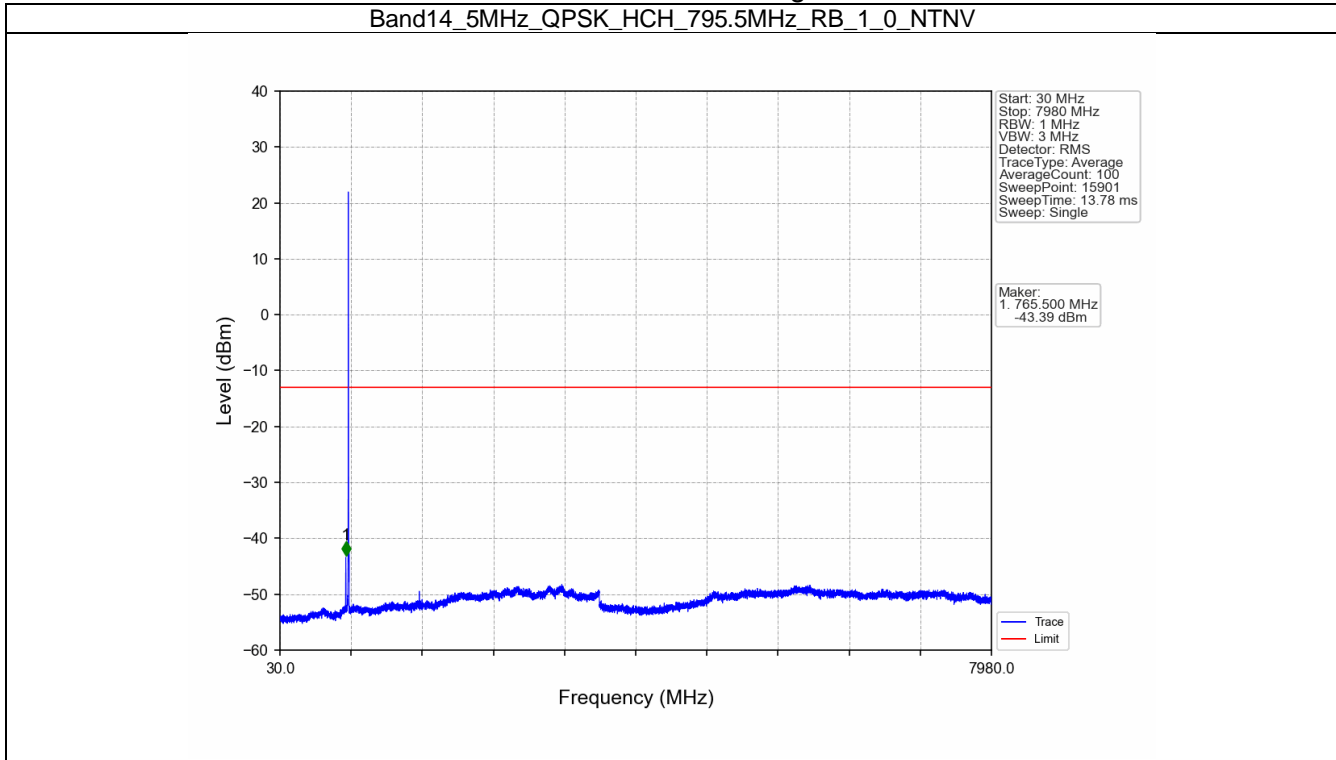
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Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_0_NTNV



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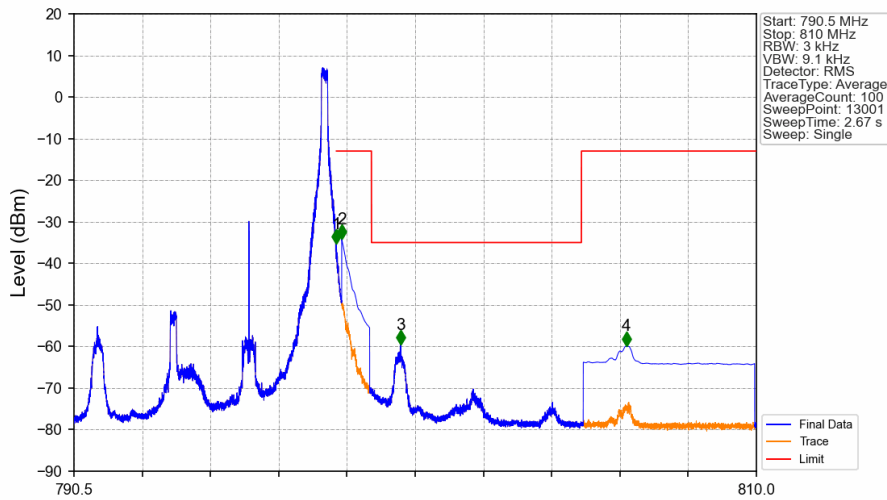
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Band14_5MHz_QPSK_HCH_795.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.000	-35.30	-13	Pass
798.1	799	0.1	CHP	2	798.152	-34.16	-13	Pass
799	805	0.00625	/	3	799.824	-59.51	-35	Pass
805	810	0.1	CHP	4	806.289	-59.84	-13	Pass



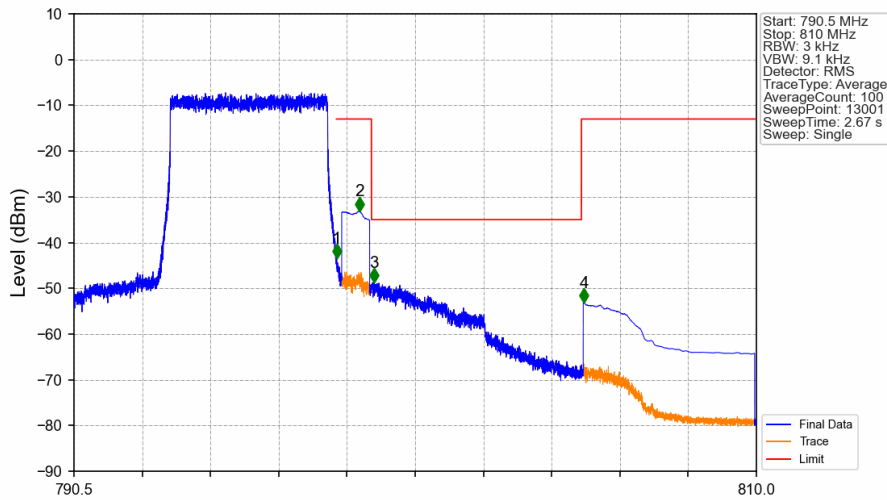
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Band14_5MHz_QPSK_HCH_795.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
790.5	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	1	798.008	-43.41	-13	Pass
798.1	799	0.1	CHP	2	798.659	-33.12	-13	Pass
799	805	0.00625	/	3	799.078	-48.74	-35	Pass
805	810	0.1	CHP	4	805.076	-53.20	-13	Pass



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5.2 B14_10MHz

5.2.1 Test Result

Band: 14 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	793	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	793	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



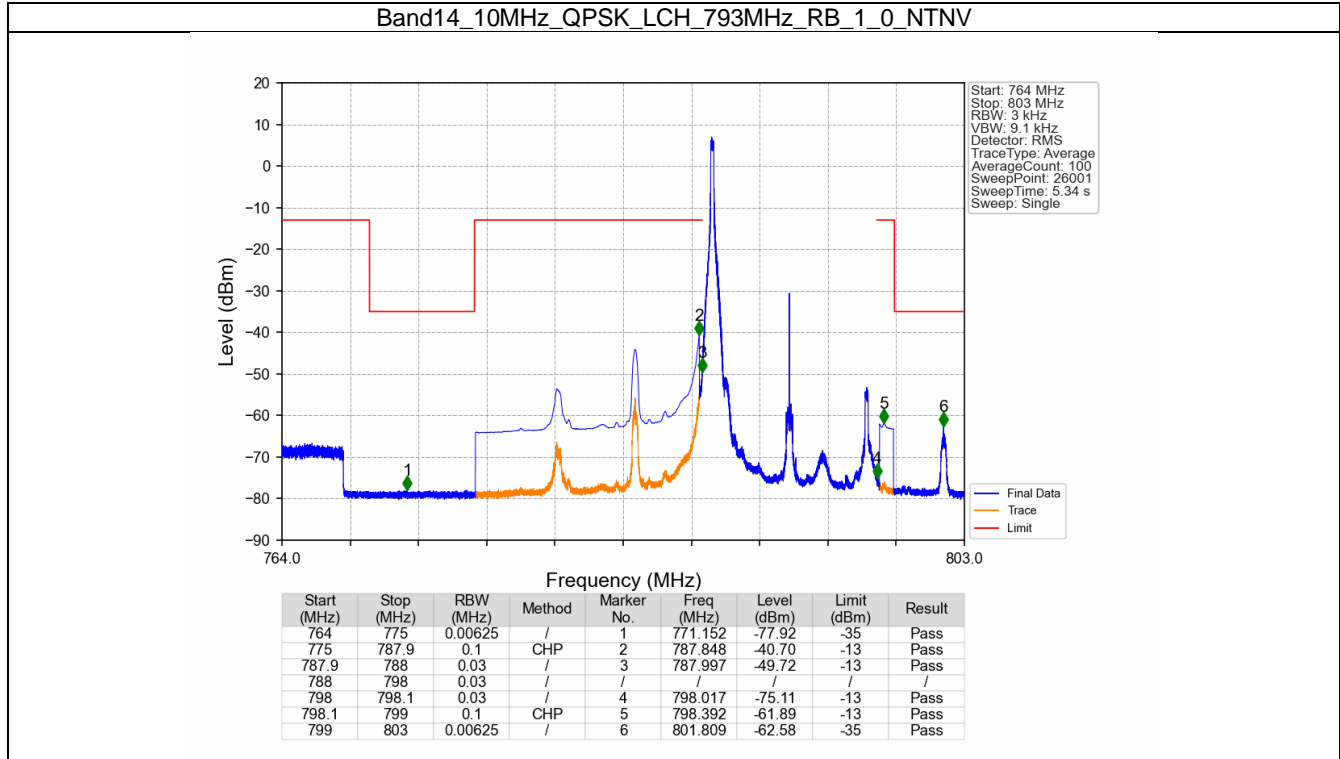
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5.2.2 Test Graph

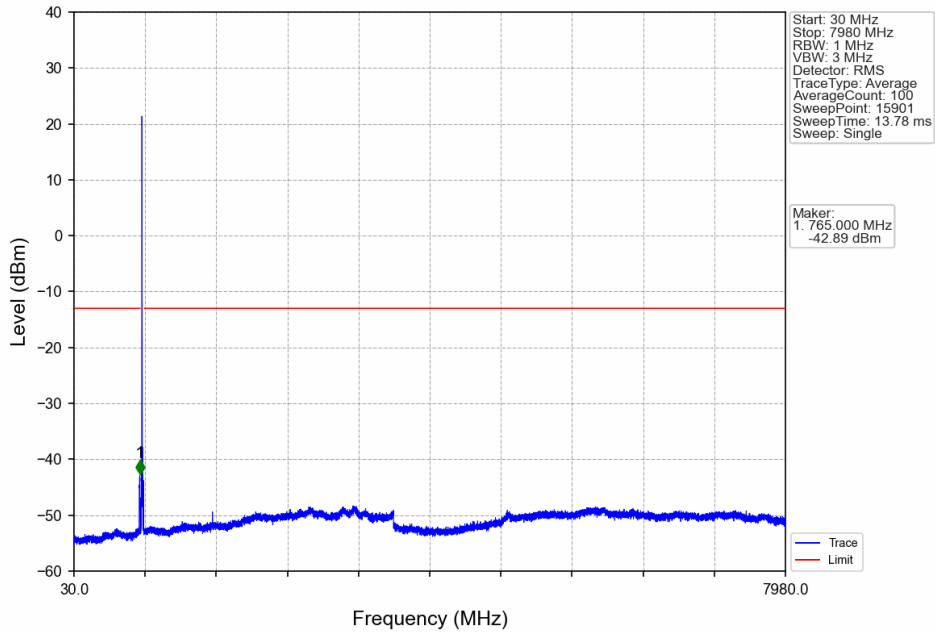


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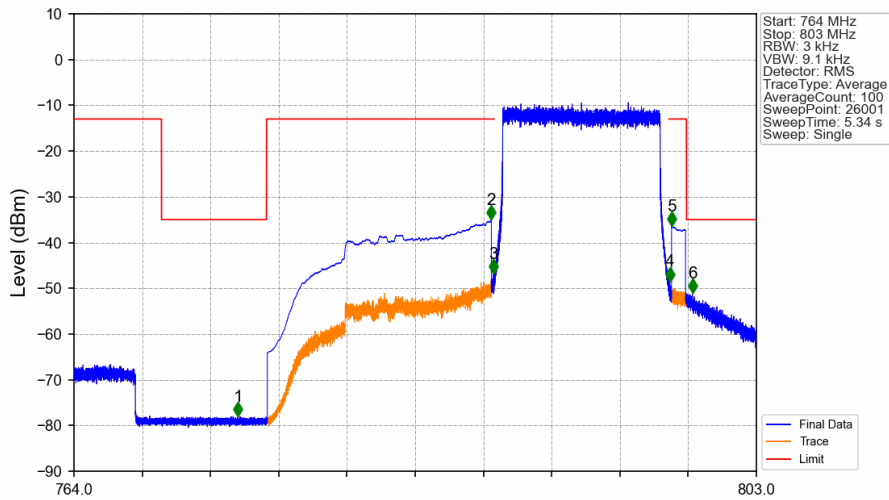
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
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775	787.9	0.1	CHP	2	787.848	-34.94	-13	Pass
787.9	798	0.03	/	3	787.982	-46.79	-13	Pass
798	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	4	798.047	-48.49	-13	Pass
798.1	799	0.1	CHP	5	798.150	-36.44	-13	Pass
799	803	0.00625	/	6	799.338	-51.00	-35	Pass



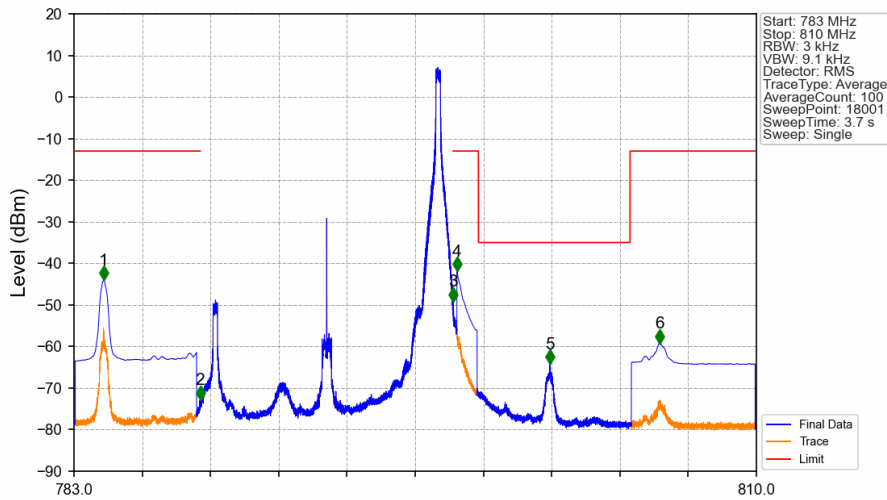
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Band14_10MHz_QPSK_HCH_793MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	784.182	-44.09	-13	Pass
787.9	788	0.03	/	2	788.000	-72.86	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.003	-49.17	-13	Pass
798.1	799	0.1	CHP	4	798.152	-41.83	-13	Pass
799	805	0.00625	/	5	801.822	-64.16	-35	Pass
805	810	0.1	CHP	6	806.160	-59.25	-13	Pass



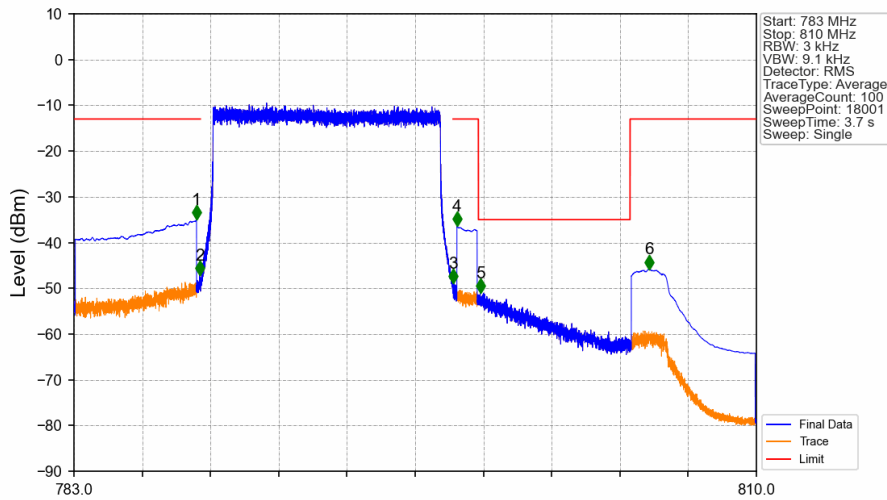
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Band14_10MHz_QPSK_HCH_793MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
783	787.9	0.1	CHP	1	787.848	-34.98	-13	Pass
787.9	788	0.03	/	2	787.970	-47.11	-13	Pass
788	798	0.03	/	/	/	/	/	/
798	798.1	0.03	/	3	798.005	-48.93	-13	Pass
798.1	799	0.1	CHP	4	798.152	-36.41	-13	Pass
799	805	0.00625	/	5	799.071	-51.01	-35	Pass
805	810	0.1	CHP	6	805.755	-45.84	-13	Pass



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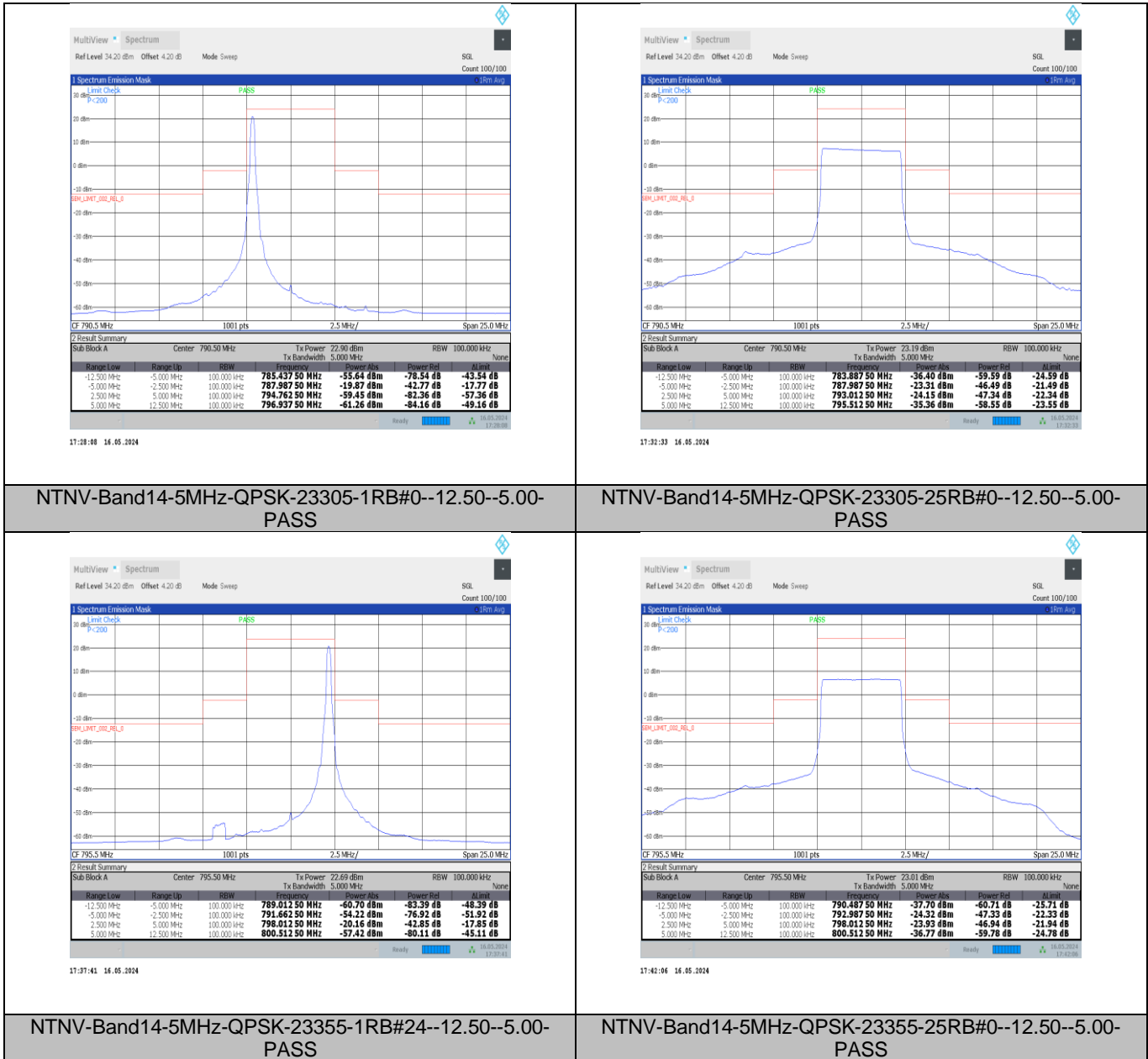
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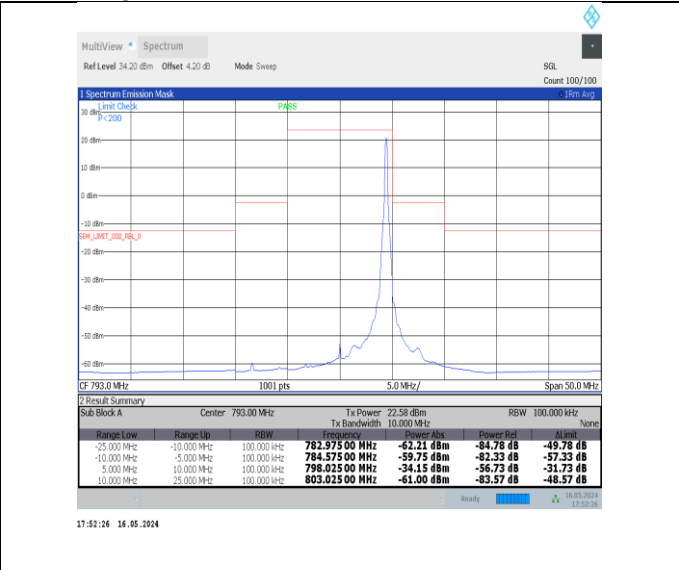
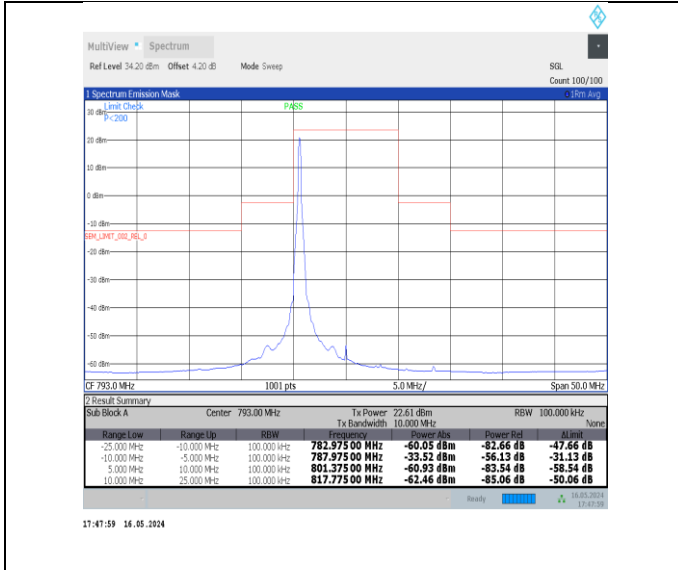
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6. Spectrum Emission Mask

Test Graphs

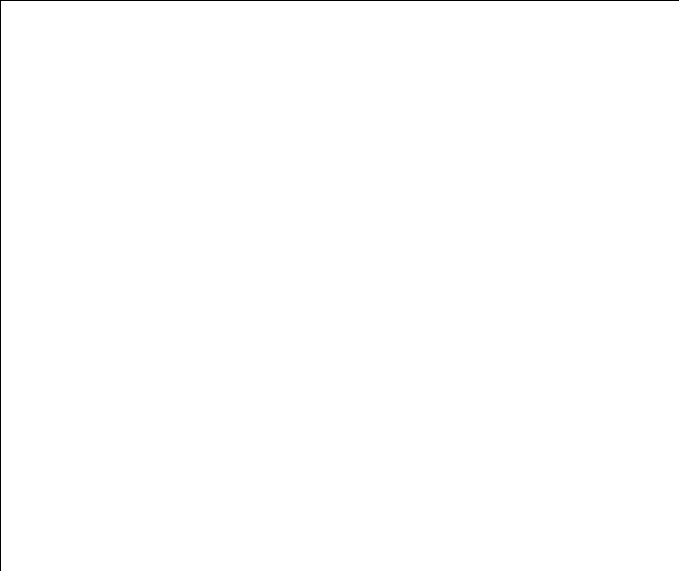
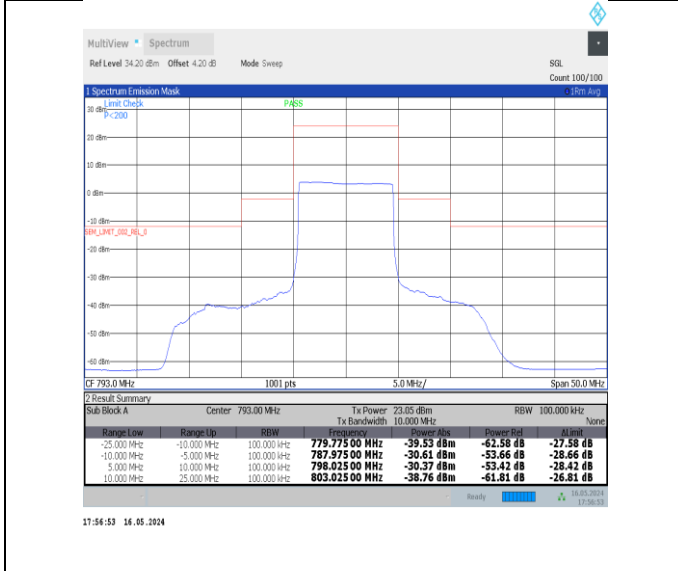


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NTNV-Band14-10MHz-QPSK-23330-1RB#0--25.00--10.00-PASS

NTNV-Band14-10MHz-QPSK-23330-1RB#49--25.00--10.00-PASS



NTNV-Band14-10MHz-QPSK-23330-50RB#0--25.00--10.00-PASS

NTNV-Band14-10MHz-QPSK-23330-50RB#0--25.00--10.00-PASS



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7. Field Strength of Spurious Radiation

Test Band = LTE Band 14 BW=5M_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1581.1429	49.94	-48.29	25.38	-68.23	-40.00	28.23	Horizontal
2	2042.8571	45.64	-47.82	26.29	-71.15	-13.00	58.15	Horizontal
3	2950.2857	43.96	-46.54	28.01	-69.83	-13.00	56.83	Horizontal
4	3495.4286	43.61	-46.54	28.60	-69.59	-13.00	56.59	Horizontal
5	4526.2857	43.39	-45.65	30.64	-66.88	-13.00	53.88	Horizontal
6	6327.4286	42.53	-44.65	33.51	-63.86	-13.00	50.86	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1595.4286	45.48	-48.28	25.40	-72.67	-40.00	32.67	Vertical
2	2200	45.38	-47.68	26.60	-70.96	-13.00	57.96	Vertical
3	2692	44.47	-47.04	27.55	-70.28	-13.00	57.28	Vertical
4	4105.7143	42.79	-45.90	29.65	-68.72	-13.00	55.72	Vertical
5	6327.4286	42.49	-44.65	33.51	-63.90	-13.00	50.90	Vertical
6	7552	41.81	-43.17	36.47	-60.15	-13.00	47.15	Vertical



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Report No.: SUCR240500014801
 Rev.: 01
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Test Band = LTE Band 14 BW=5M_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1579.4286	50.60	-48.29	25.38	-67.57	-40.00	27.57	Horizontal
2	1957.1429	45.31	-47.96	26.07	-71.84	-13.00	58.84	Horizontal
3	2920	44.08	-46.56	27.96	-69.78	-13.00	56.78	Horizontal
4	3741.7143	43.41	-46.15	28.99	-69.02	-13.00	56.02	Horizontal
5	5326.8571	43.68	-45.20	31.99	-64.80	-13.00	51.80	Horizontal
6	6756	42.10	-44.09	34.56	-62.69	-13.00	49.69	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1598.2857	45.80	-48.28	25.40	-72.34	-40.00	32.34	Vertical
2	2087.4286	45.38	-47.73	26.37	-71.24	-13.00	58.24	Vertical
3	3109.1429	43.92	-46.71	28.21	-69.84	-13.00	56.84	Vertical
4	4100	42.75	-45.90	29.64	-68.77	-13.00	55.77	Vertical
5	6009.7143	42.73	-44.46	32.43	-64.55	-13.00	51.55	Vertical
6	6711.4286	41.71	-44.07	34.48	-63.14	-13.00	50.14	Vertical



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Report No.: SUCR240500014801
 Rev.: 01
 Page: 54 of 53

Test Band = LTE Band 14 BW=5M_ TM1
 Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1584	50.61	-48.29	25.38	-67.55	-40.00	27.55	Horizontal
2	1915.4286	45.40	-48.03	25.95	-71.94	-13.00	58.94	Horizontal
3	2758.8571	44.18	-46.97	27.67	-70.39	-13.00	57.39	Horizontal
4	3351.4286	43.27	-46.61	28.45	-70.15	-13.00	57.15	Horizontal
5	4800	42.88	-45.64	31.08	-66.94	-13.00	53.94	Horizontal
6	5737.7143	42.38	-44.60	32.35	-65.14	-13.00	52.14	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1597.1429	45.67	-48.28	25.40	-72.47	-40.00	32.47	Vertical
2	2200	45.24	-47.68	26.60	-71.10	-13.00	58.10	Vertical
3	2704	44.39	-47.04	27.57	-70.35	-13.00	57.35	Vertical
4	3978.2857	43.43	-46.21	29.37	-68.67	-13.00	55.67	Vertical
5	5544	43.00	-45.20	32.31	-65.15	-13.00	52.15	Vertical
6	6433.1429	42.16	-44.71	33.87	-63.94	-13.00	50.94	Vertical



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Test Band = LTE Band 14 BW=10M_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1588.5714	48.49	-48.28	25.39	-69.67	-40.00	29.67	Horizontal
2	2474.2857	44.96	-47.32	27.15	-70.47	-13.00	57.47	Horizontal
3	3696.5714	43.73	-46.16	28.91	-68.77	-13.00	55.77	Horizontal
4	5081.1429	42.85	-45.46	31.55	-66.33	-13.00	53.33	Horizontal
5	6342.2857	42.47	-44.66	33.56	-63.89	-13.00	50.89	Horizontal
6	7370.8571	41.89	-43.32	36.04	-60.65	-13.00	47.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1561.1429	45.82	-48.30	25.36	-72.37	-40.00	32.37	Vertical
2	2040	45.82	-47.82	26.28	-70.98	-13.00	57.98	Vertical
3	2707.4286	44.62	-47.04	27.57	-70.11	-13.00	57.11	Vertical
4	3390.2857	43.70	-46.55	28.49	-69.62	-13.00	56.62	Vertical
5	4529.7143	43.58	-45.66	30.65	-66.69	-13.00	53.69	Vertical
6	5685.7143	42.97	-44.67	32.34	-64.62	-13.00	51.62	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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