

Appendix B.41

LTE CA_5B



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1. Effective (Isotropic) Radiated Power Output Data

1.1 CA_5B_NTNV_ERP

1.1.1 Test Result Ant1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
5-5	10MHz-10MHz	QPSK-QPSK	20450-20549	1RB#0-0RB#0	23.05	21.6	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20450-20549	50RB#0-50RB#0	20.84	19.39	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	1RB#0-0RB#0	22.9	21.45	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	21.04	19.59	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20501-20600	1RB#0-0RB#0	22.95	21.5	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20501-20600	50RB#0-50RB#0	20.87	19.42	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20450-20549	1RB#0-0RB#0	22.16	20.71	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20450-20549	50RB#0-50RB#0	19.96	18.51	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	1RB#0-0RB#0	22.19	20.74	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	19.96	18.51	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20501-20600	1RB#0-0RB#0	21.8	20.35	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20501-20600	50RB#0-50RB#0	19.76	18.31	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20450-20549	1RB#0-0RB#0	21.09	19.64	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20450-20549	50RB#0-50RB#0	20.23	18.78	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	1RB#0-0RB#0	21.1	19.65	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	50RB#0-50RB#0	20.25	18.8	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20501-20600	1RB#0-0RB#0	21.31	19.86	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20501-20600	50RB#0-50RB#0	20.09	18.64	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20450-20549	1RB#0-0RB#0	18.15	16.7	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20450-20549	50RB#0-50RB#0	18.12	16.67	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20476-20575	1RB#0-0RB#0	17.79	16.34	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20476-20575	50RB#0-50RB#0	17.76	16.31	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20501-20600	1RB#0-0RB#0	18.32	16.87	38.45	PASS
5-5	10MHz-10MHz	256QAM-256QAM	20501-20600	50RB#0-50RB#0	17.85	16.4	38.45	PASS



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5-5	10MHz-5MHz	QPSK-QPSK	20450-20522	1RB#0-0RB#0	22.52	21.07	38.45	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20450-20522	50RB#0-25RB#0	20.76	19.31	38.45	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20500-20572	1RB#0-0RB#0	22.57	21.12	38.45	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20500-20572	50RB#0-25RB#0	21.1	19.65	38.45	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20550-20622	1RB#0-0RB#0	22.79	21.34	38.45	PASS
5-5	10MHz-5MHz	QPSK-QPSK	20550-20622	50RB#0-25RB#0	21.26	19.81	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20450-20522	1RB#0-0RB#0	22.1	20.65	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20450-20522	50RB#0-25RB#0	19.92	18.47	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20500-20572	1RB#0-0RB#0	22.01	20.56	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20500-20572	50RB#0-25RB#0	20.14	18.69	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20550-20622	1RB#0-0RB#0	22.22	20.77	38.45	PASS
5-5	10MHz-5MHz	16QAM-16QAM	20550-20622	50RB#0-25RB#0	19.94	18.49	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20450-20522	1RB#0-0RB#0	21.09	19.64	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20450-20522	50RB#0-25RB#0	20.1	18.65	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20500-20572	1RB#0-0RB#0	21.19	19.74	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20500-20572	50RB#0-25RB#0	20.1	18.65	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20550-20622	1RB#0-0RB#0	21.21	19.76	38.45	PASS
5-5	10MHz-5MHz	64QAM-64QAM	20550-20622	50RB#0-25RB#0	19.95	18.5	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20450-20522	1RB#0-0RB#0	18.07	16.62	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20450-20522	50RB#0-25RB#0	18.17	16.72	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20500-20572	1RB#0-0RB#0	17.92	16.47	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20500-20572	50RB#0-25RB#0	18.23	16.78	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20550-20622	1RB#0-0RB#0	17.96	16.51	38.45	PASS
5-5	10MHz-5MHz	256QAM-256QAM	20550-20622	50RB#0-25RB#0	18.31	16.86	38.45	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	15RB#0-25RB#0	22.88	21.43	38.45	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20416-20455	1RB#0-0RB#0	23.13	21.68	38.45	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	15RB#0-25RB#0	22.94	21.49	38.45	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20501-20540	1RB#0-0RB#0	22.84	21.39	38.45	PASS
5-5	3MHz-5MHz	QPSK-QPSK	20586-20625	15RB#0-25RB#0	22.9	21.45	38.45	PASS



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5-5	3MHz-5MHz	QPSK-QPSK	20586-20625	1RB#0-0RB#0	23.23	21.78	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	15RB#0-25RB#0	23.2	21.75	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20416-20455	1RB#0-0RB#0	23.47	22.02	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	15RB#0-25RB#0	22.9	21.45	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20501-20540	1RB#0-0RB#0	23.46	22.01	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20586-20625	15RB#0-25RB#0	23.01	21.56	38.45	PASS
5-5	3MHz-5MHz	16QAM-16QAM	20586-20625	1RB#0-0RB#0	23.39	21.94	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20416-20455	15RB#0-25RB#0	22.97	21.52	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20416-20455	1RB#0-0RB#0	23.3	21.85	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	15RB#0-25RB#0	23.22	21.77	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	1RB#0-0RB#0	23.44	21.99	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20586-20625	15RB#0-25RB#0	23.23	21.78	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20586-20625	1RB#0-0RB#0	23.57	22.12	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20416-20455	15RB#0-25RB#0	22.9	21.45	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20416-20455	1RB#0-0RB#0	23.21	21.76	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20501-20540	15RB#0-25RB#0	23.26	21.81	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20501-20540	1RB#0-0RB#0	23.5	22.05	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20586-20625	15RB#0-25RB#0	23.07	21.62	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20586-20625	1RB#0-0RB#0	23.5	22.05	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20428-20500	1RB#0-0RB#0	22.84	21.39	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20428-20500	25RB#0-50RB#0	21.08	19.63	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20478-20550	1RB#0-0RB#0	22.63	21.18	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20478-20550	25RB#0-50RB#0	21.02	19.57	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20528-20600	1RB#0-0RB#0	22.51	21.06	38.45	PASS
5-5	5MHz-10MHz	QPSK-QPSK	20528-20600	25RB#0-50RB#0	21.01	19.56	38.45	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20428-20500	1RB#0-0RB#0	22.21	20.76	38.45	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20428-20500	25RB#0-50RB#0	19.83	18.38	38.45	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20478-20550	1RB#0-0RB#0	21.75	20.3	38.45	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20478-20550	25RB#0-50RB#0	20.03	18.58	38.45	PASS



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5-5	5MHz-10MHz	16QAM-16QAM	20528-20600	1RB#0-0RB#0	22.03	20.58	38.45	PASS
5-5	5MHz-10MHz	16QAM-16QAM	20528-20600	25RB#0-50RB#0	20.15	18.7	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20428-20500	1RB#0-0RB#0	20.88	19.43	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20428-20500	25RB#0-50RB#0	19.87	18.42	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20478-20550	1RB#0-0RB#0	20.9	19.45	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20478-20550	25RB#0-50RB#0	19.8	18.35	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20528-20600	1RB#0-0RB#0	20.82	19.37	38.45	PASS
5-5	5MHz-10MHz	64QAM-64QAM	20528-20600	25RB#0-50RB#0	20.12	18.67	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20428-20500	1RB#0-0RB#0	17.66	16.21	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20428-20500	25RB#0-50RB#0	18.21	16.76	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20478-20550	1RB#0-0RB#0	17.88	16.43	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20478-20550	25RB#0-50RB#0	18.25	16.8	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20528-20600	1RB#0-0RB#0	18.1	16.65	38.45	PASS
5-5	5MHz-10MHz	256QAM-256QAM	20528-20600	25RB#0-50RB#0	18.25	16.8	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-20464	1RB#0-0RB#0	22.81	21.36	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-20464	25RB#0-15RB#0	23.29	21.84	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-20549	1RB#0-0RB#0	22.94	21.49	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-20549	25RB#0-15RB#0	22.91	21.46	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-20634	1RB#0-0RB#0	22.68	21.23	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-20634	25RB#0-15RB#0	22.89	21.44	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20425-20464	1RB#0-0RB#0	23.28	21.83	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20425-20464	25RB#0-15RB#0	23.38	21.93	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20510-20549	1RB#0-0RB#0	23.1	21.65	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20510-20549	25RB#0-15RB#0	23.16	21.71	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20595-20634	1RB#0-0RB#0	23.14	21.69	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20595-20634	25RB#0-15RB#0	23.1	21.65	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20425-20464	1RB#0-0RB#0	23.15	21.7	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20425-20464	25RB#0-15RB#0	23.28	21.83	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20510-20549	1RB#0-0RB#0	23.33	21.88	38.45	PASS



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5-5	5MHz-3MHz	64QAM-64QAM	20510-20549	25RB#0-15RB#0	23.32	21.87	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20595-20634	1RB#0-0RB#0	23.16	21.71	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20595-20634	25RB#0-15RB#0	22.88	21.43	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20425-20464	1RB#0-0RB#0	23.01	21.56	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20425-20464	25RB#0-15RB#0	22.88	21.43	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20510-20549	1RB#0-0RB#0	23.06	21.61	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20510-20549	25RB#0-15RB#0	22.85	21.4	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20595-20634	1RB#0-0RB#0	23.23	21.78	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20595-20634	25RB#0-15RB#0	22.98	21.53	38.45	PASS



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2. 99% & 26dB Bandwidth

2.1 CA_5B_NTNV_OBW

2.1.1 Test Result

Band: CA_5B / NTNv						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	99% Occupied Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5	CC1: 15@0	7.58	/	Pass
		CC2:829.4	CC2: 25@0			
	CC1:842.6 CC2: QPSK	CC1:842.6	CC1: 15@0	7.53	/	Pass
		CC2:846.5	CC2: 25@0			
	CC1: 16QAM CC2: 16QAM	CC1:825.5	CC1: 15@0	7.56	/	Pass
		CC2:829.4	CC2: 25@0			
	CC1:842.6 CC2: 16QAM	CC1:842.6	CC1: 15@0	7.56	/	Pass
		CC2:846.5	CC2: 25@0			
	CC1: 64QAM CC2: 64QAM	CC1:825.5	CC1: 15@0	7.52	/	Pass
		CC2:829.4	CC2: 25@0			
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5	CC1: 25@0	7.54	/	Pass
		CC2:830.4	CC2: 15@0			
	CC1:843.6 CC2: QPSK	CC1:843.6	CC1: 25@0	7.55	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: 16QAM CC2: 16QAM	CC1:826.5	CC1: 25@0	7.57	/	Pass
		CC2:830.4	CC2: 15@0			
	CC1:843.6 CC2: 16QAM	CC1:843.6	CC1: 25@0	7.58	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: 64QAM CC2: 64QAM	CC1:826.5	CC1: 25@0	7.55	/	Pass
		CC2:830.4	CC2: 15@0			
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5	CC1: 25@0	13.93	/	Pass
		CC2:833.7	CC2: 50@0			
	CC1:836.8 CC2: QPSK	CC1:836.8	CC1: 25@0	13.94	/	Pass
		CC2:844	CC2: 50@0			
	CC1: 16QAM CC2: 16QAM	CC1:826.5	CC1: 25@0	13.96	/	Pass
		CC2:833.7	CC2: 50@0			
	CC1:836.8 CC2: 16QAM	CC1:836.8	CC1: 25@0	13.92	/	Pass
		CC2:844	CC2: 50@0			
CC1: 16QAM	CC1: 16QAM	CC1:826.5	CC1: 25@0	13.88	/	Pass
		CC2:833.7	CC2: 50@0			



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	64QAM	CC2:833.7	CC2: 50@0			
	CC2:	CC1:836.8	CC1: 25@0			
	64QAM	CC2:844	CC2: 50@0	13.93	/	Pass
	CC1:	CC1:826.5	CC1: 25@0			
	256QAM	CC2:833.7	CC2: 50@0	13.88	/	Pass
	CC2:	CC1:836.8	CC1: 25@0			
	256QAM	CC2:844	CC2: 50@0	13.90	/	Pass
	CC2:	CC1:836.8	CC1: 25@0			
CC1:10 CC2:5	CC1:	CC1:829	CC1: 50@0	13.95	/	Pass
	QPSK	CC2:836.2	CC2: 25@0			
	CC2:	CC1:839.3	CC1: 50@0	13.96	/	Pass
	QPSK	CC2:846.5	CC2: 25@0			
	CC1:	CC1:829	CC1: 50@0	13.95	/	Pass
	16QAM	CC2:836.2	CC2: 25@0			
	CC2:	CC1:839.3	CC1: 50@0	14.10	/	Pass
	16QAM	CC2:846.5	CC2: 25@0			
	CC1:	CC1:829	CC1: 50@0	13.97	/	Pass
	64QAM	CC2:836.2	CC2: 25@0			
	CC2:	CC1:839.3	CC1: 50@0	14.11	/	Pass
	64QAM	CC2:846.5	CC2: 25@0			
CC1:10 CC2:10	CC1:	CC1:829	CC1: 50@0	18.87	/	Pass
	QPSK	CC2:838.9	CC2: 50@0			
	CC2:	CC1:834.1	CC1: 50@0	18.92	/	Pass
	QPSK	CC2:844	CC2: 50@0			
	CC1:	CC1:829	CC1: 50@0	18.85	/	Pass
	16QAM	CC2:838.9	CC2: 50@0			
	CC2:	CC1:834.1	CC1: 50@0	18.89	/	Pass
	16QAM	CC2:844	CC2: 50@0			
	CC1:	CC1:829	CC1: 50@0	18.82	/	Pass
	64QAM	CC2:838.9	CC2: 50@0			
	CC2:	CC1:834.1	CC1: 50@0	18.88	/	Pass
	64QAM	CC2:844	CC2: 50@0			
	CC1:	CC1:829	CC1: 50@0	18.80	/	Pass
	256QAM	CC2:838.9	CC2: 50@0			
	CC2:	CC1:834.1	CC1: 50@0	18.90	/	Pass
	256QAM	CC2:844	CC2: 50@0			



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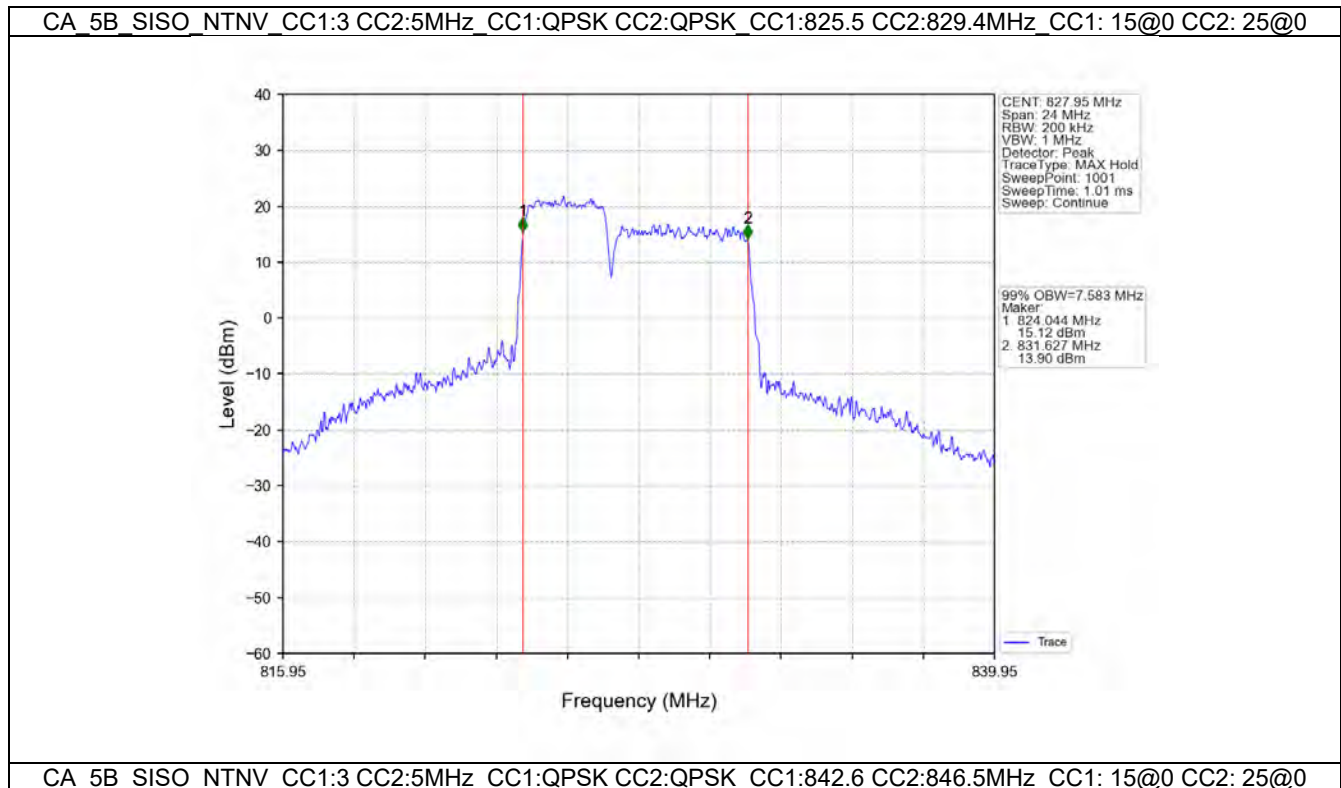
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2.1.2 Test Graph



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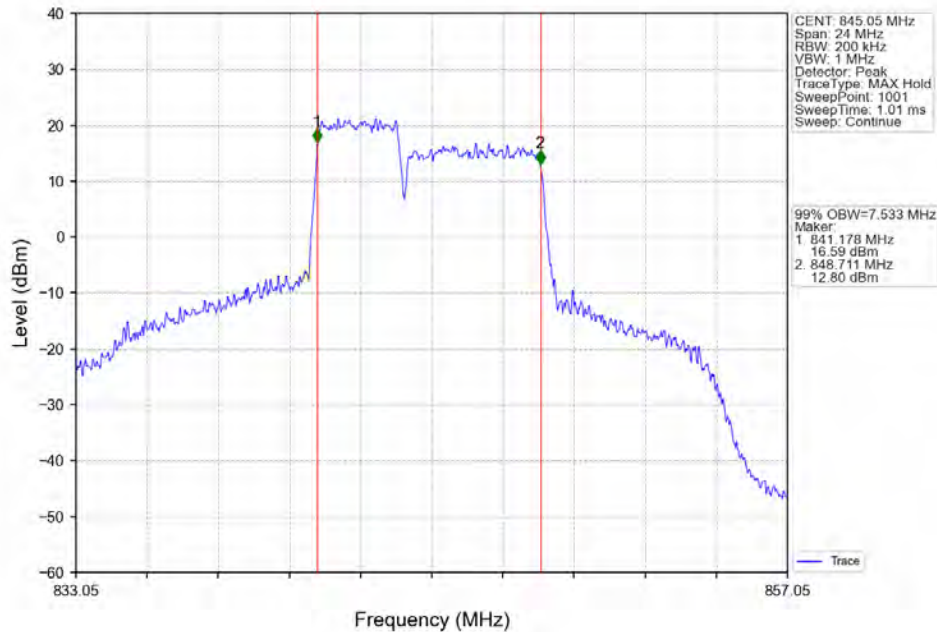
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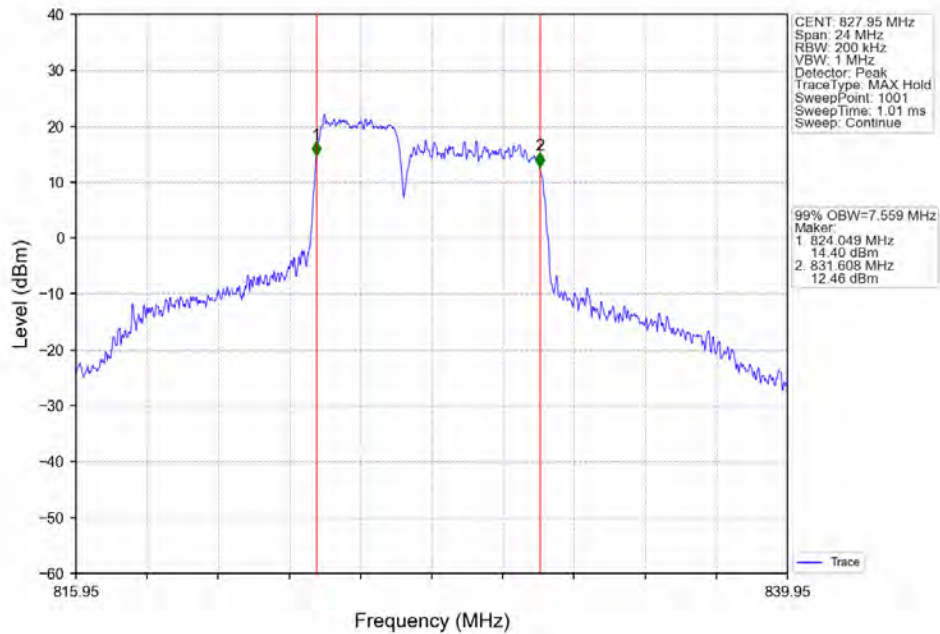
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



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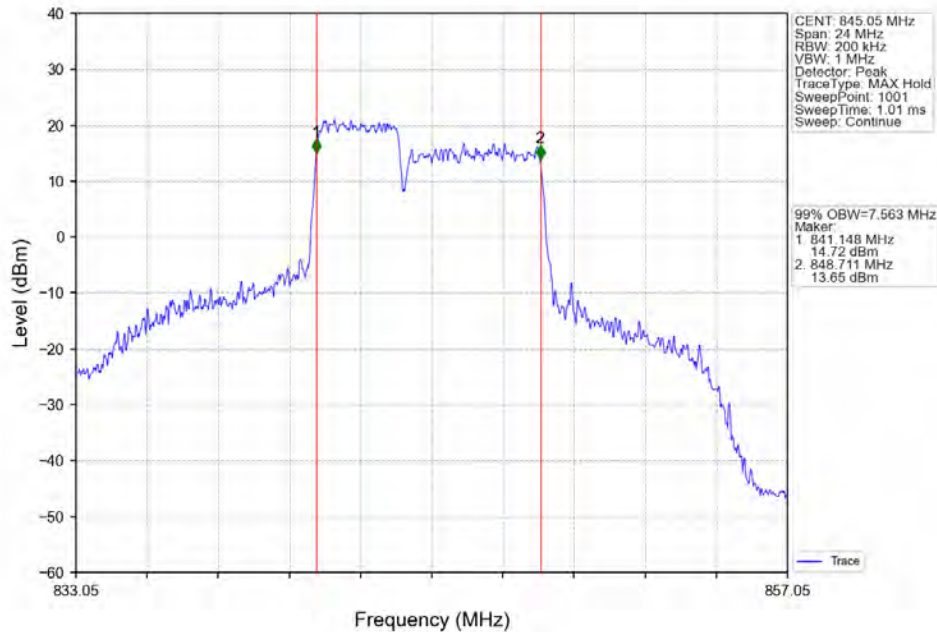
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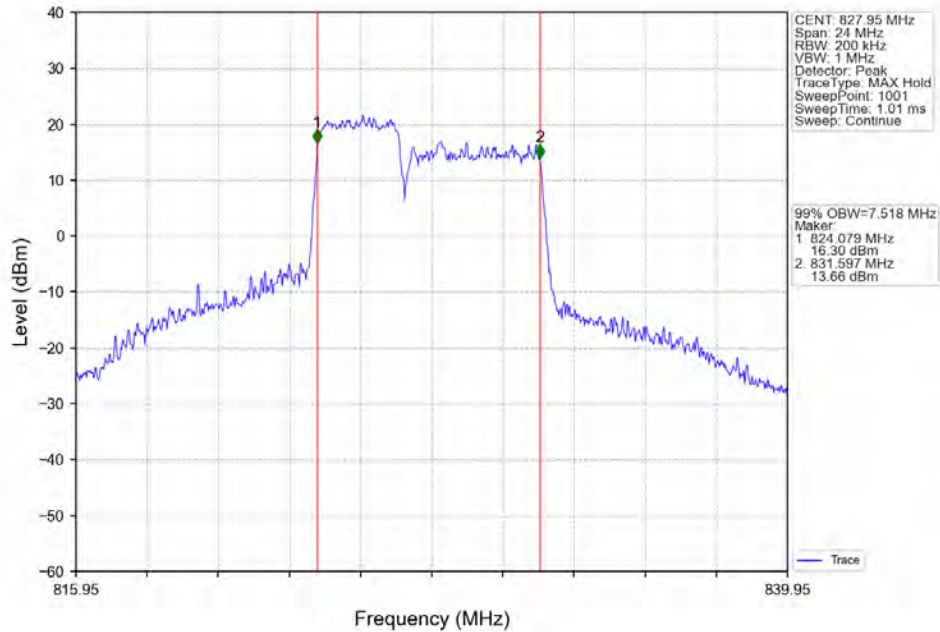
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:64QAM CC2:64QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



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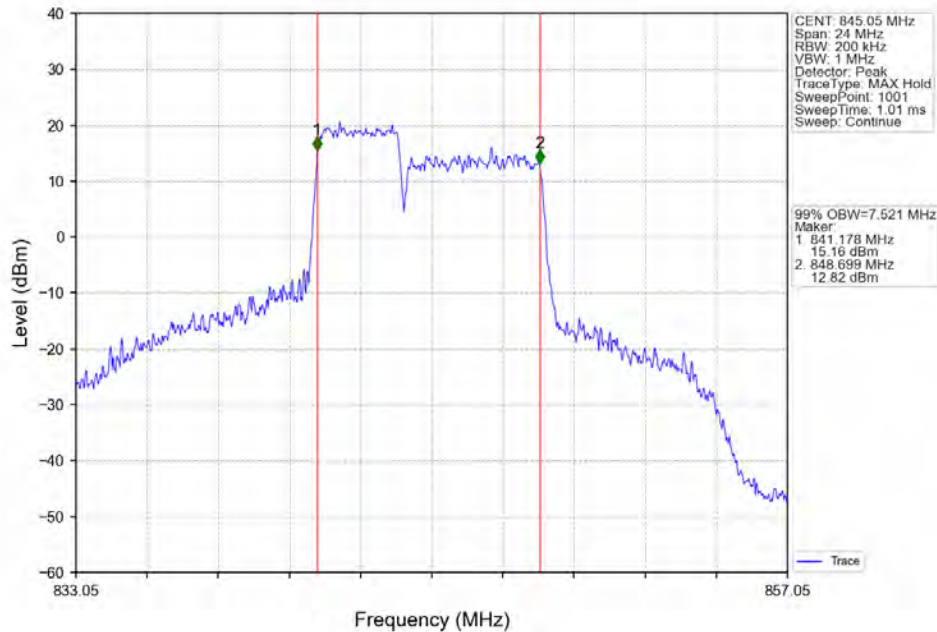
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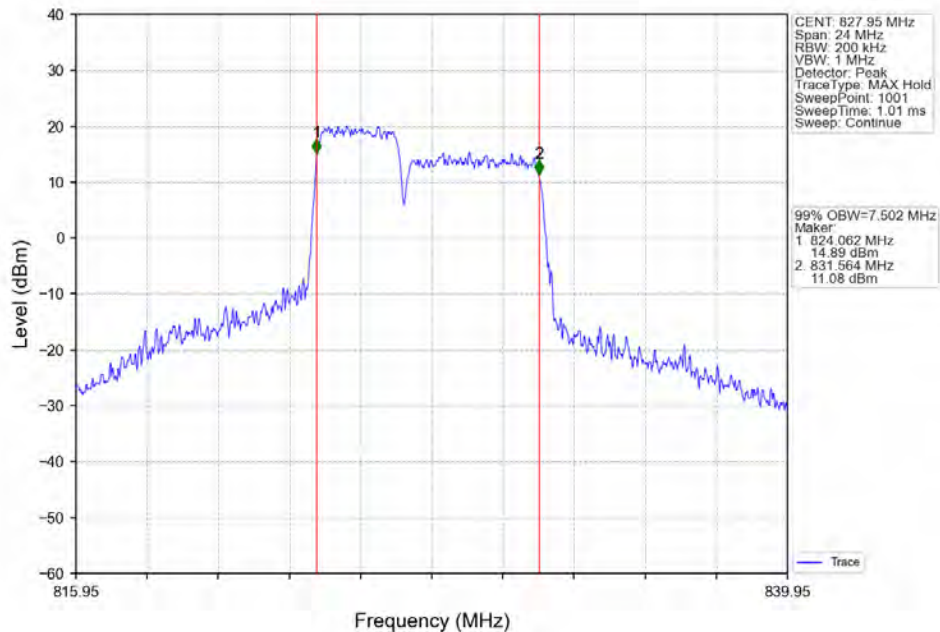
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:256QAM CC2:256QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



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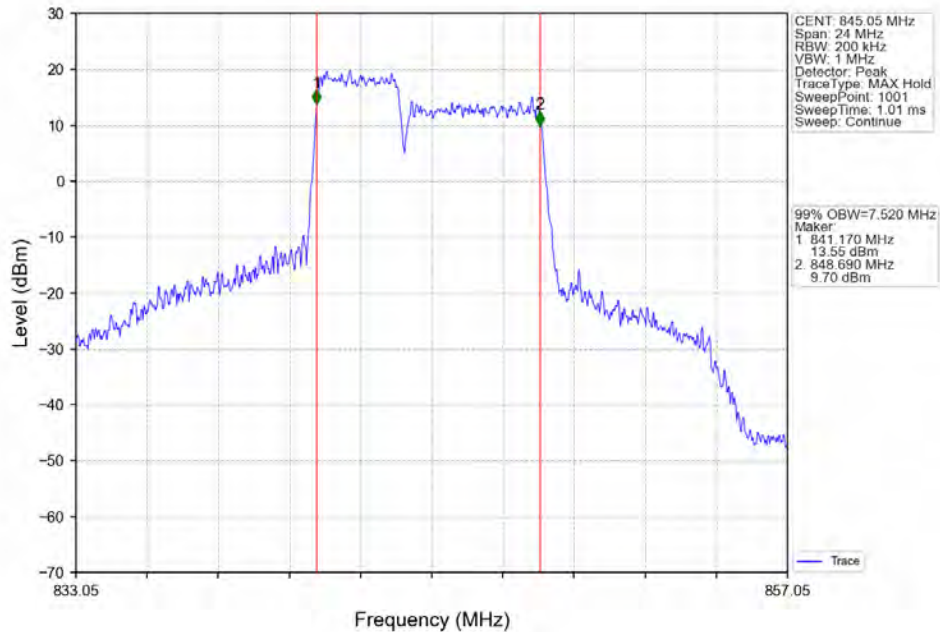
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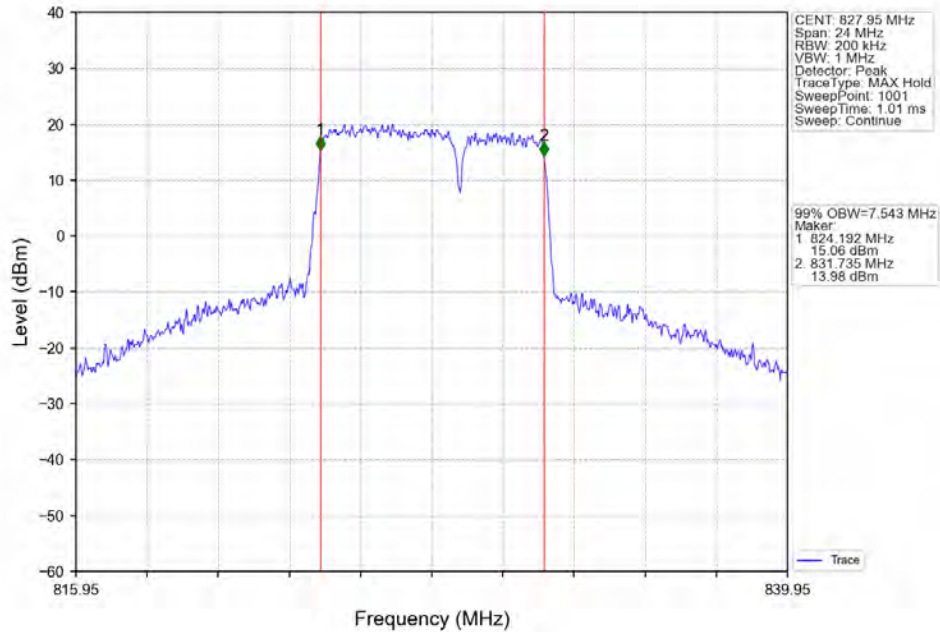
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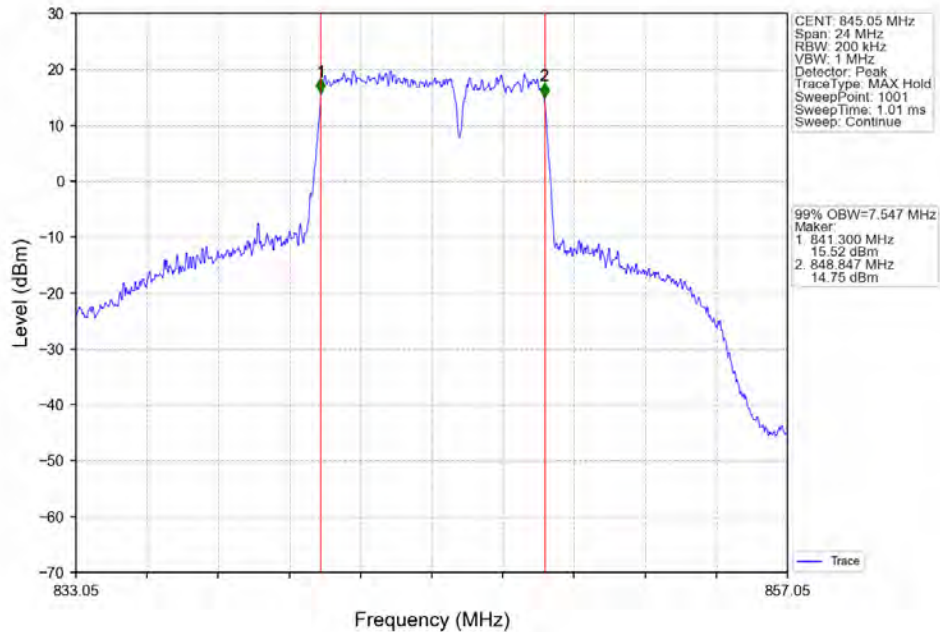
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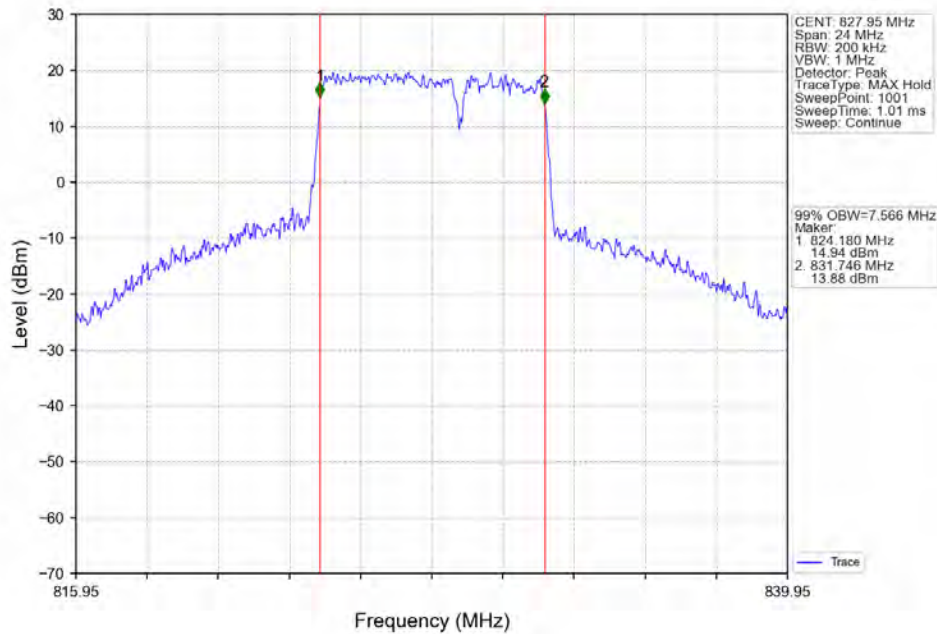
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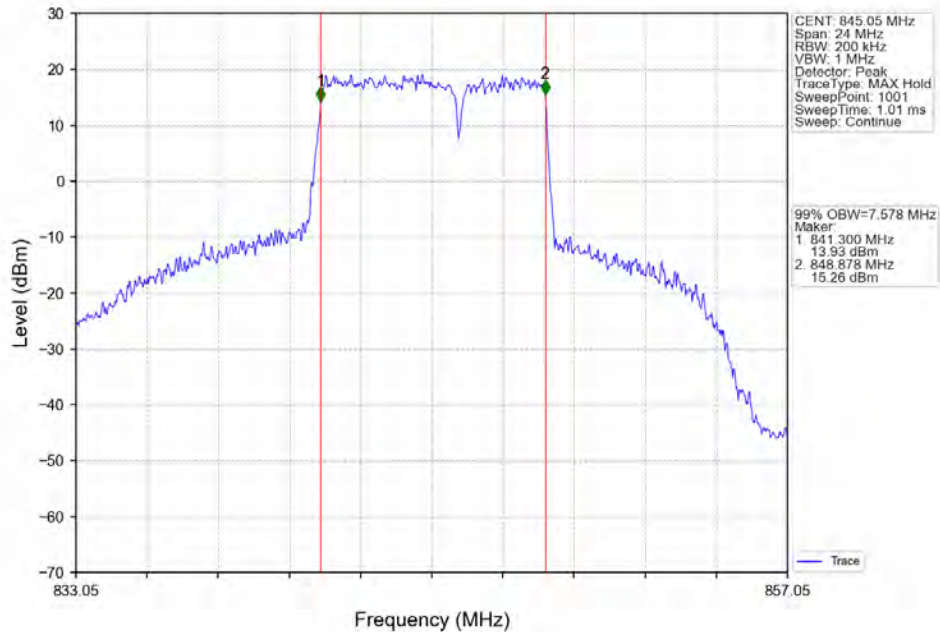
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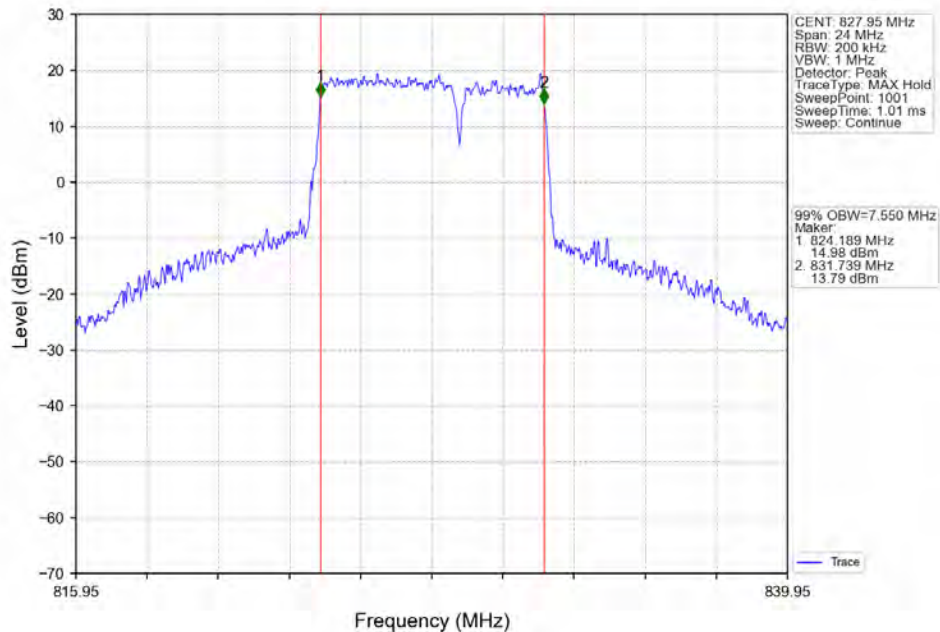
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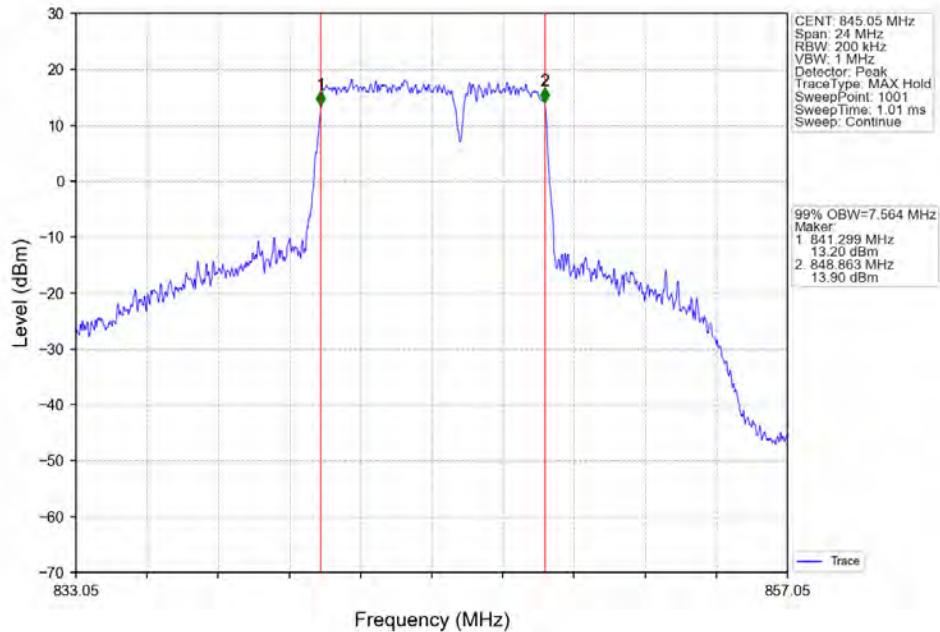
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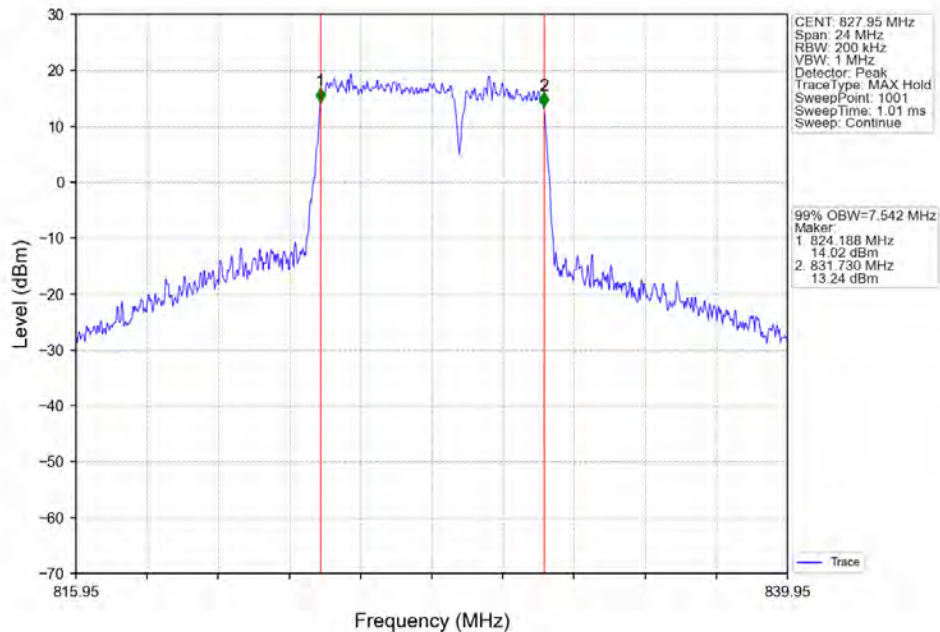
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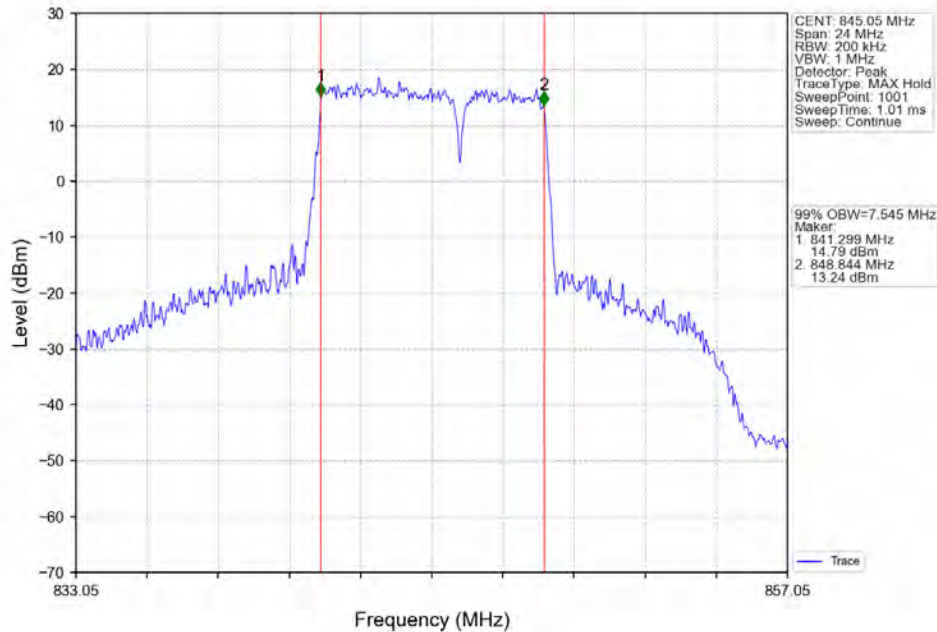
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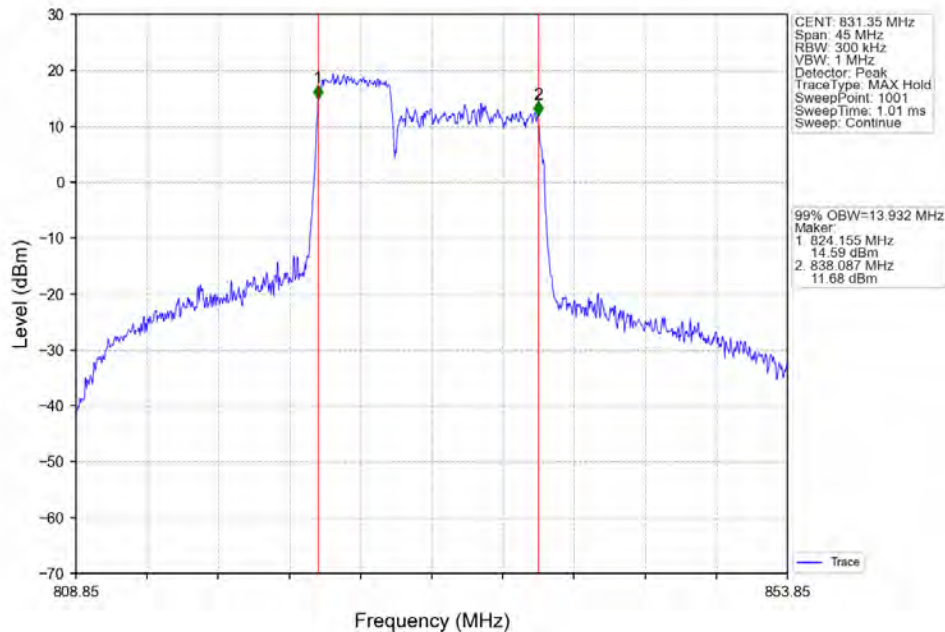
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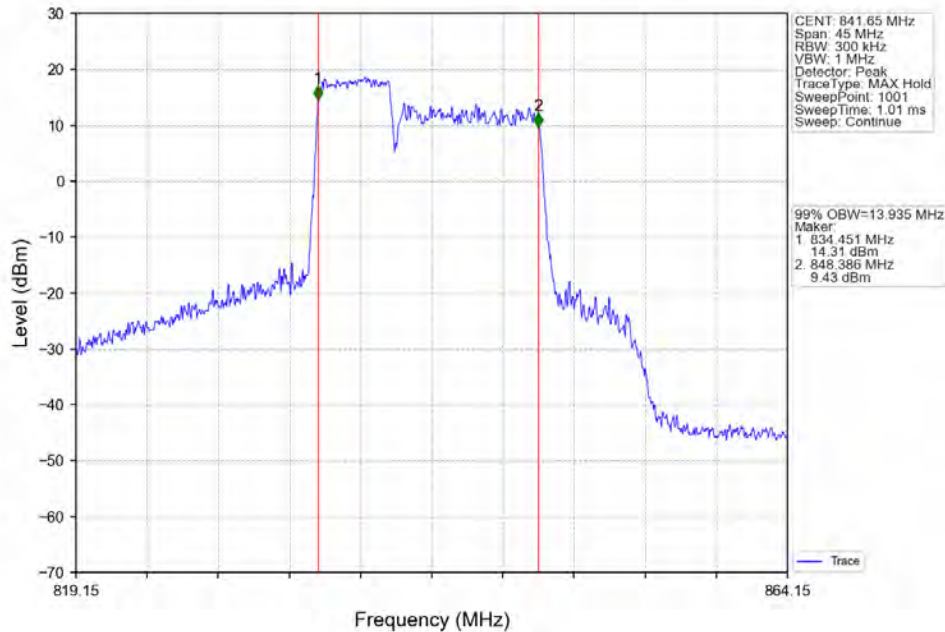
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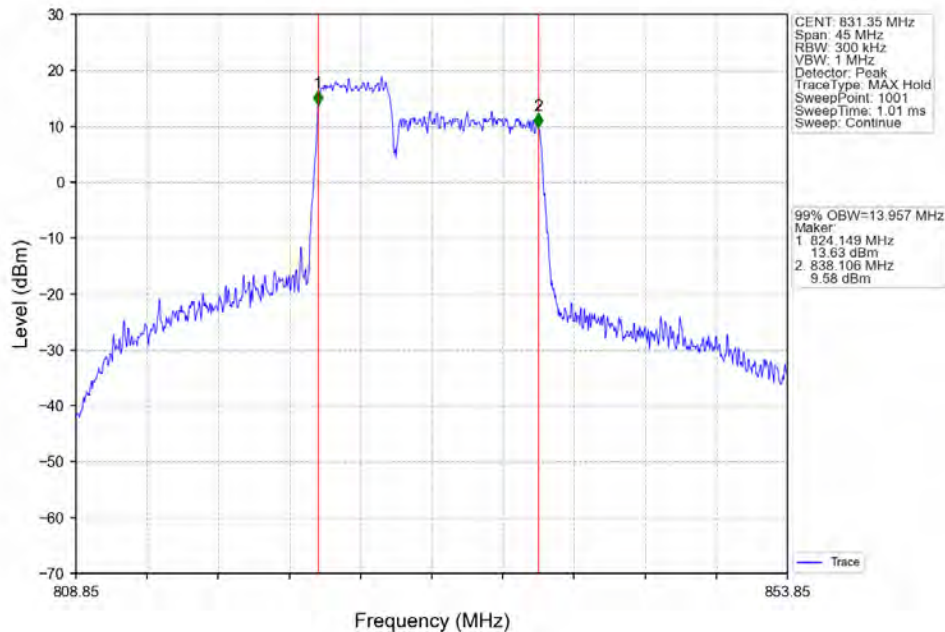
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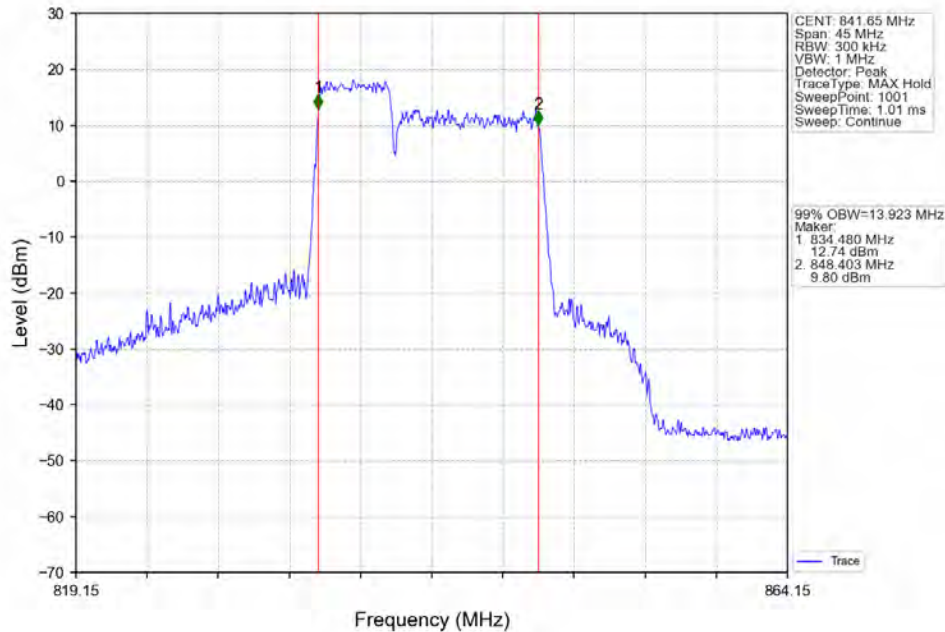
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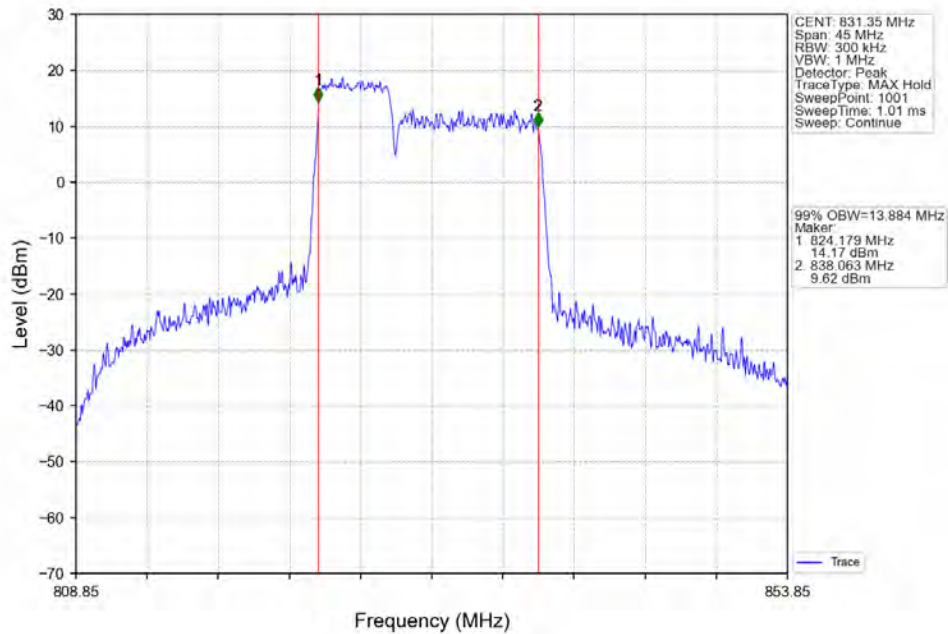
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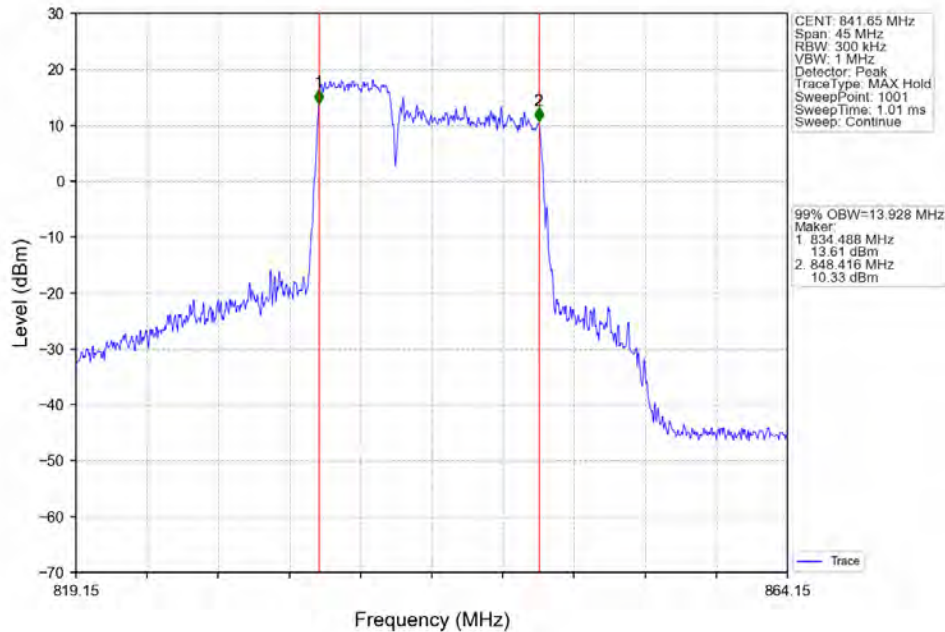
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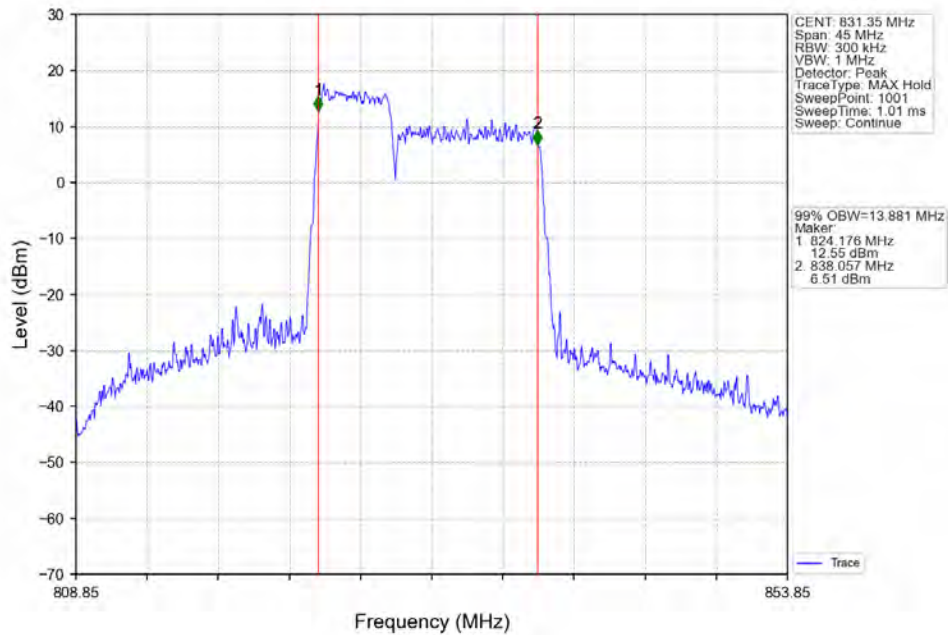
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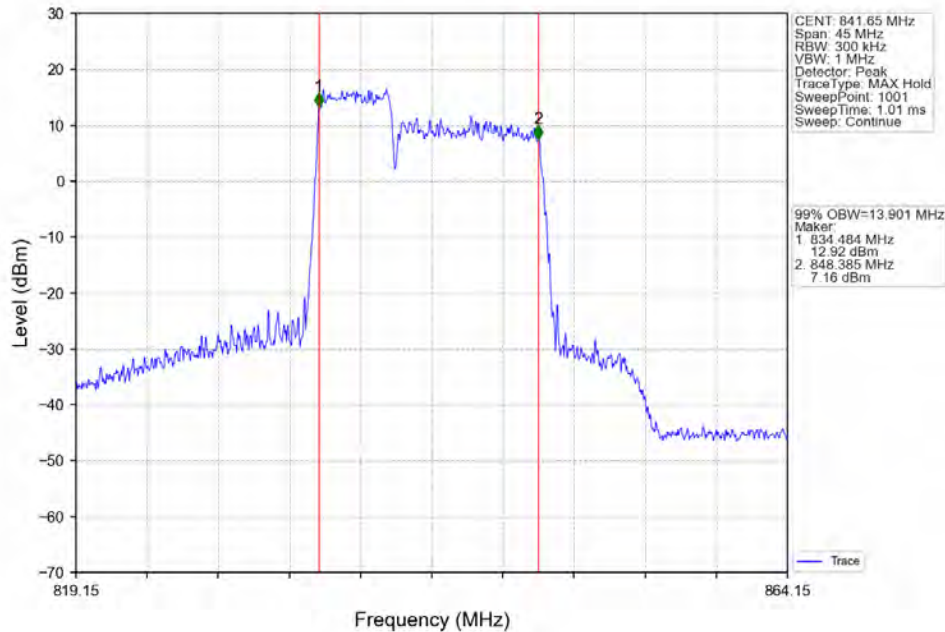
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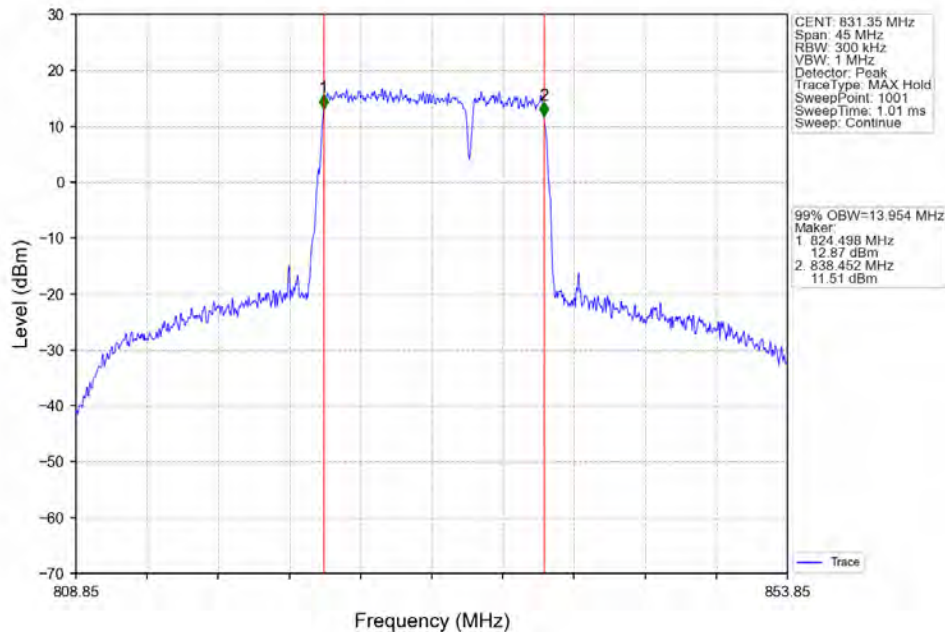
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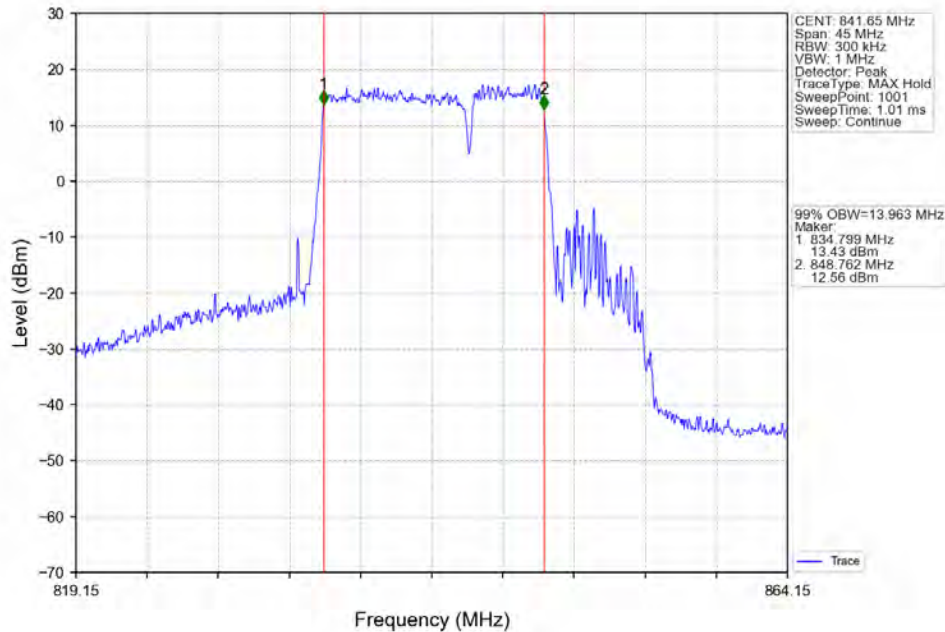
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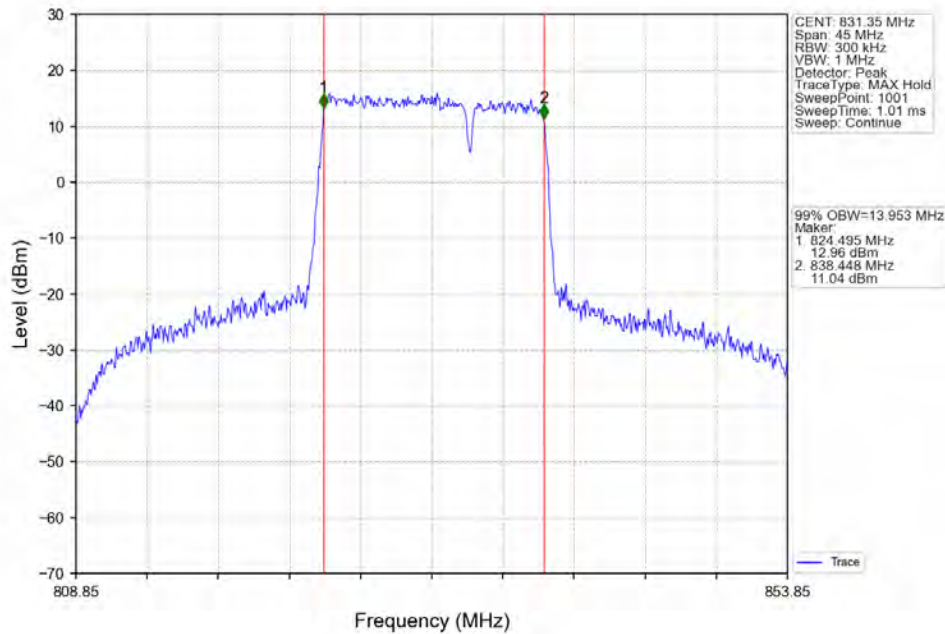
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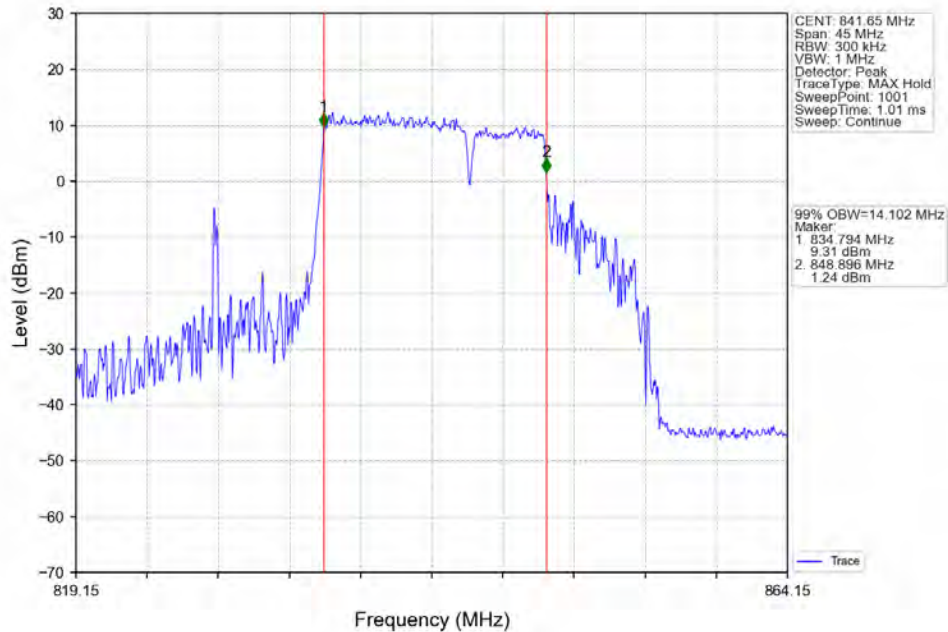
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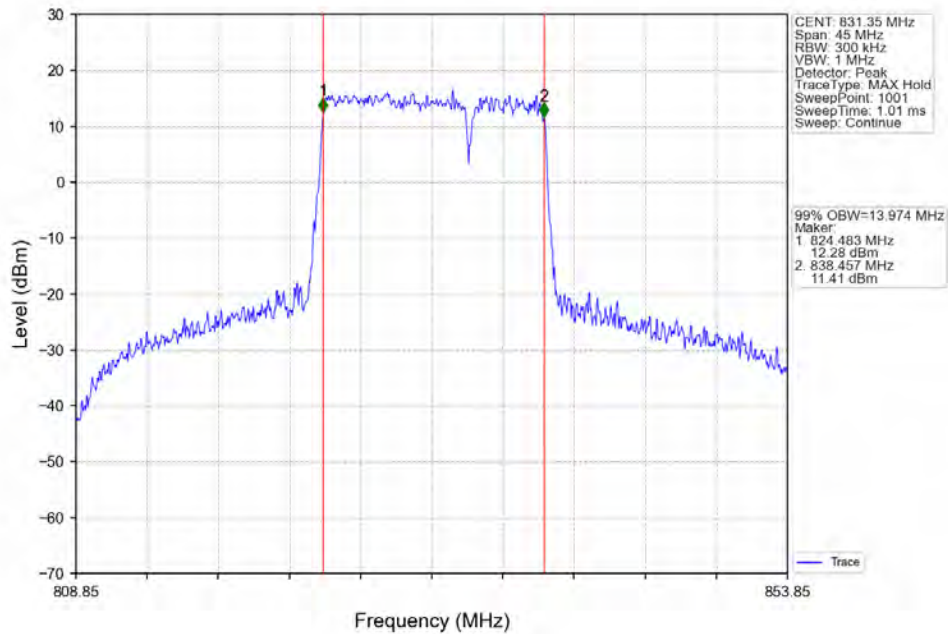
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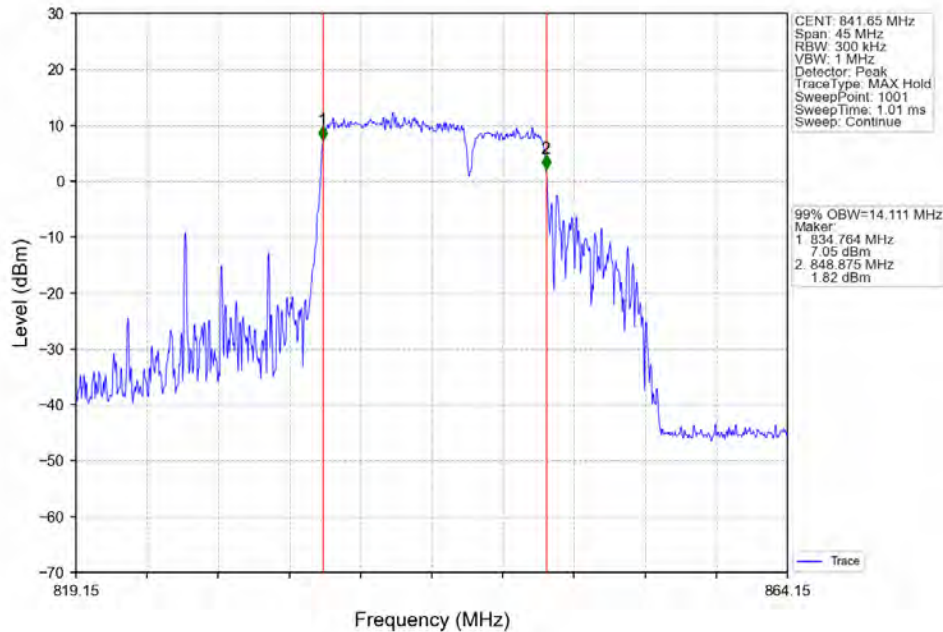
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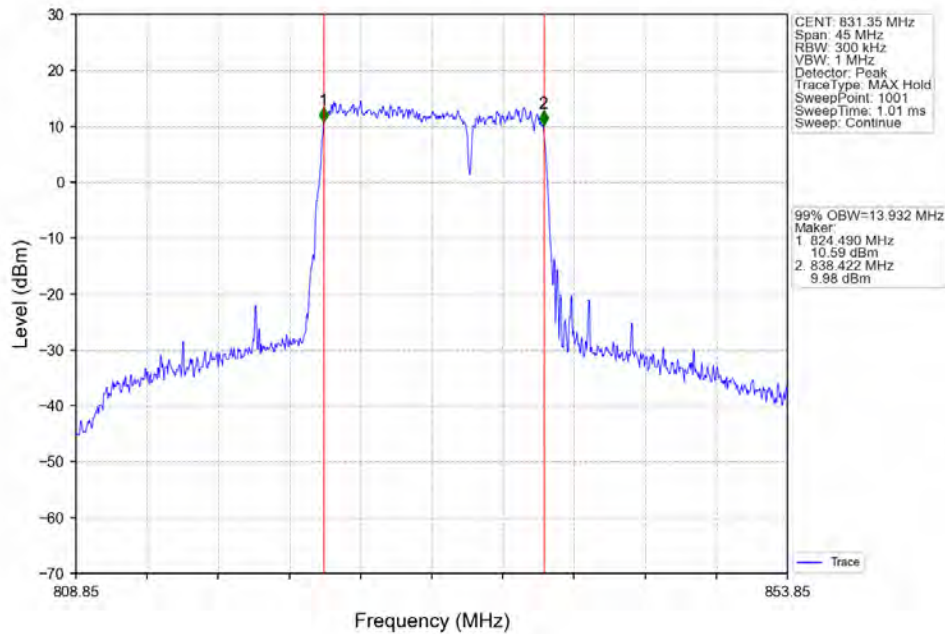
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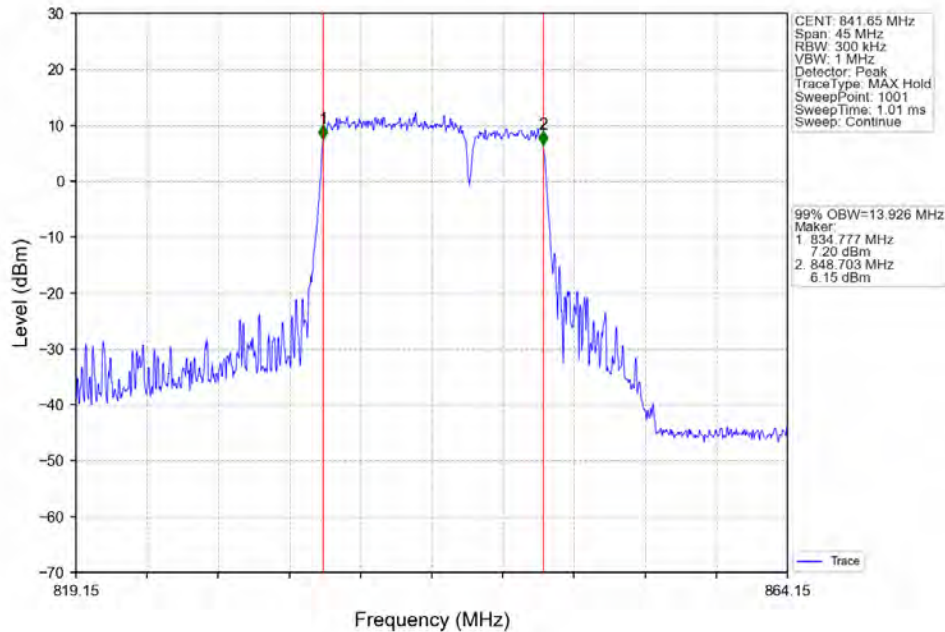
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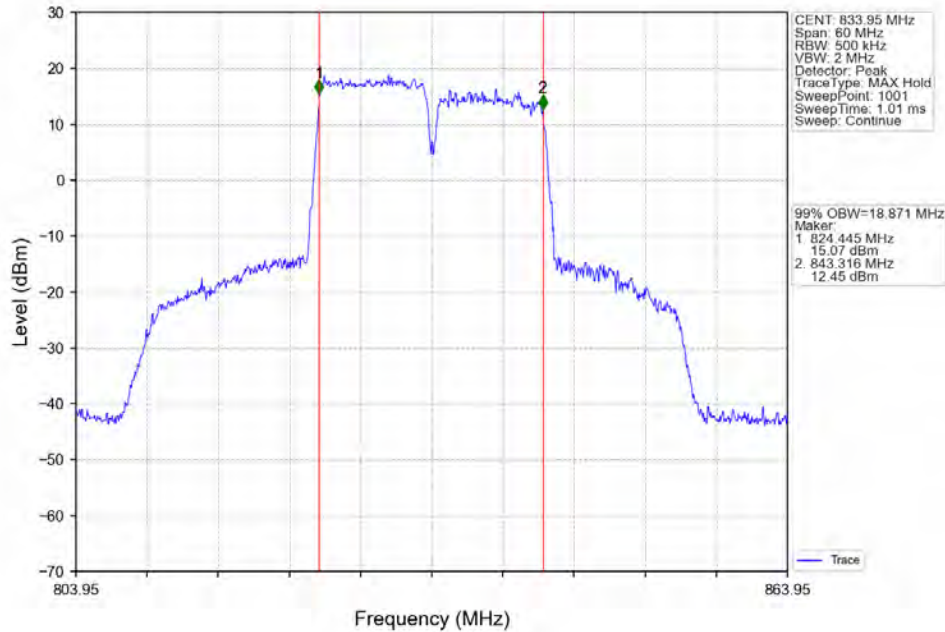
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:829_CC2:838.9MHz_CC1: 50@0_CC2: 50@0



CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:834.1_CC2:844MHz_CC1: 50@0_CC2: 50@0



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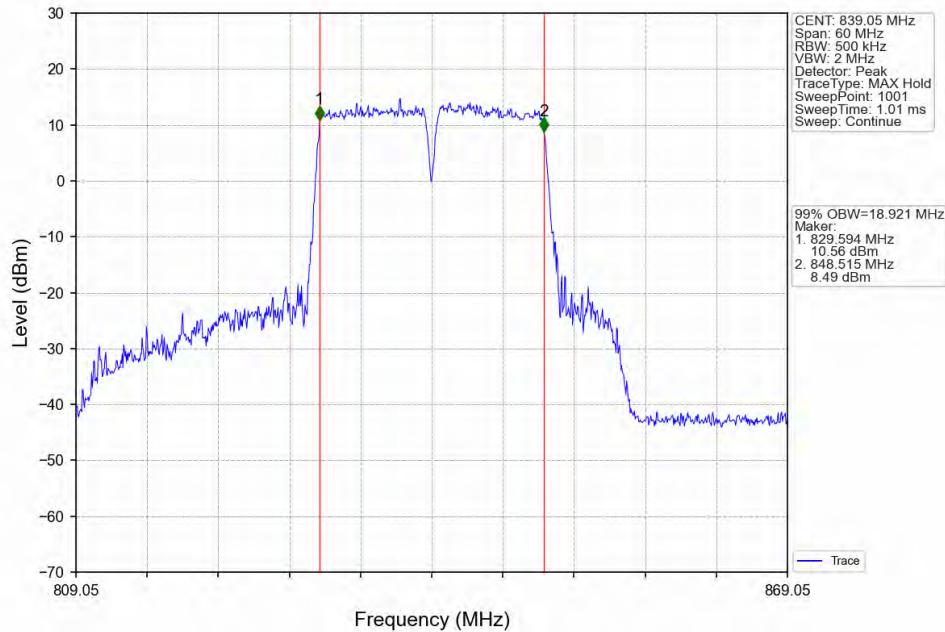
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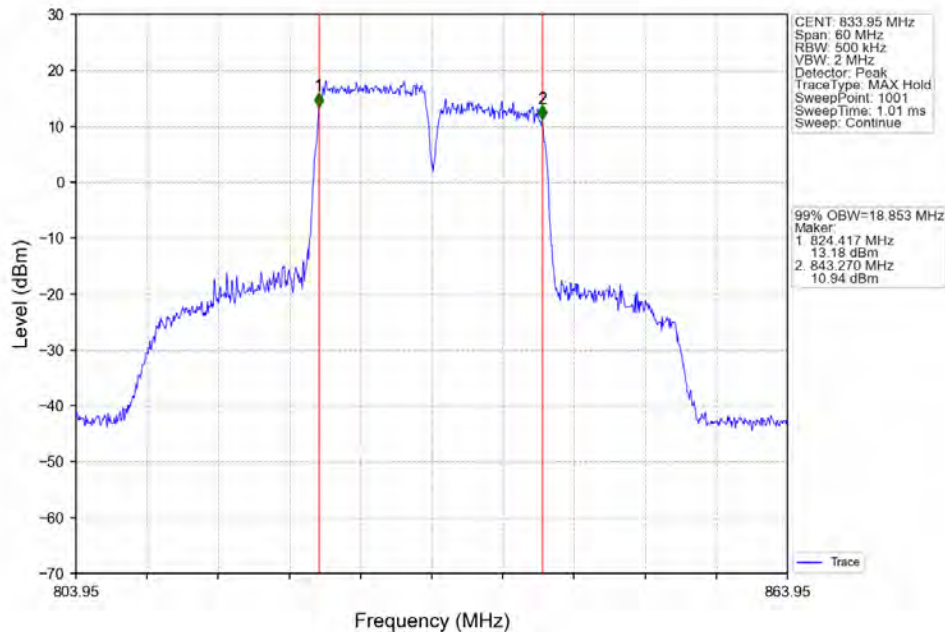
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:16QAM_CC2:16QAM_CC1:829_CC2:838.9MHz_CC1: 50@0_CC2: 50@0



CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:16QAM_CC2:16QAM_CC1:834.1_CC2:844MHz_CC1: 50@0_CC2: 50@0



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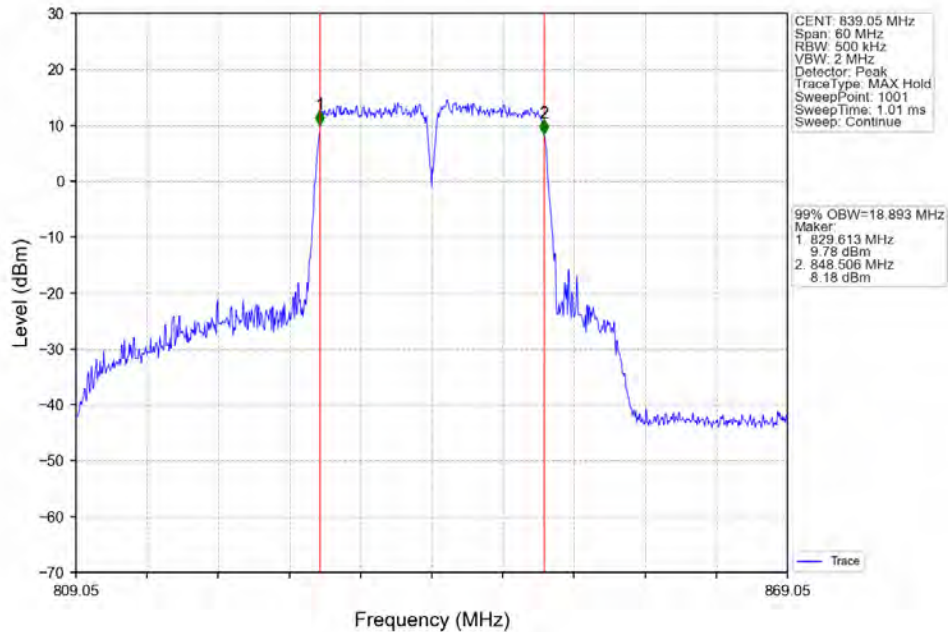
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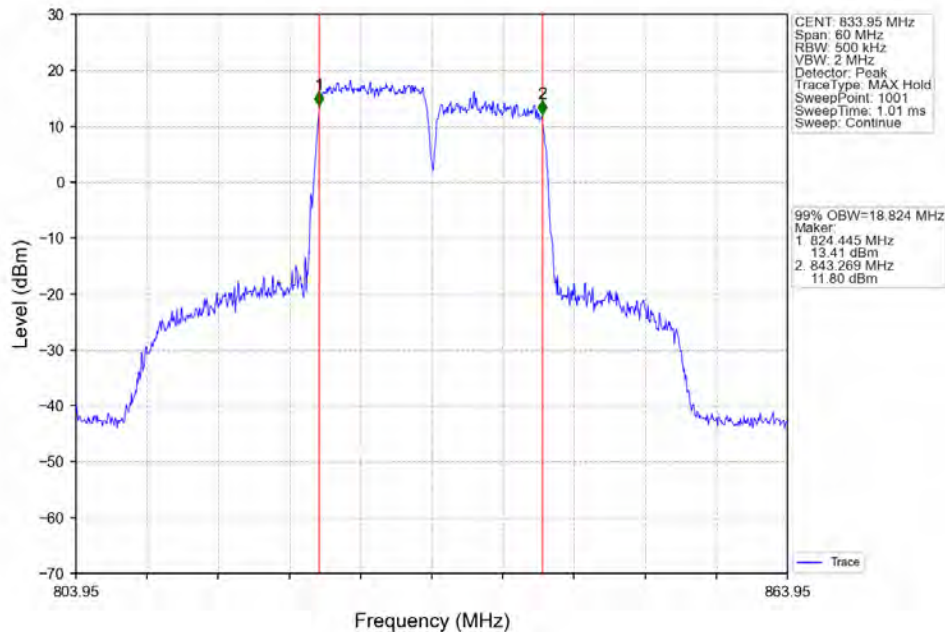
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:64QAM_CC2:64QAM_CC1:834.1_CC2:844MHz_CC1: 50@0_CC2: 50@0



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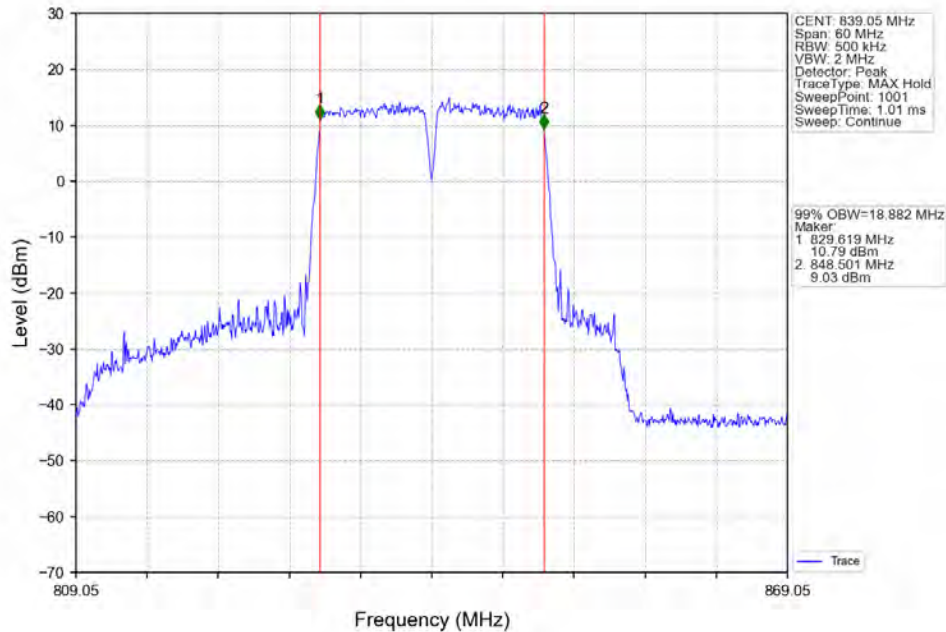
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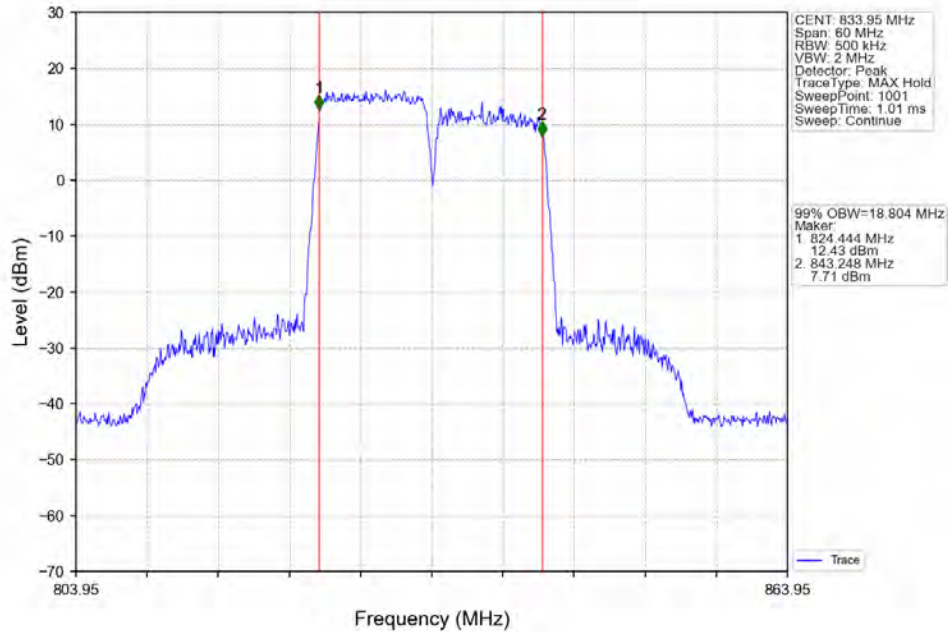
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CA_5B_SISO_NTNV_CC1:10 CC2:10MHz CC1:256QAM CC2:256QAM CC1:829 CC2:838.9MHz CC1: 50@0 CC2: 50@0



CA_5B_SISO_NTNV_CC1:10 CC2:10MHz CC1:256QAM CC2:256QAM CC1:834.1 CC2:844MHz CC1: 50@0 CC2: 50@0



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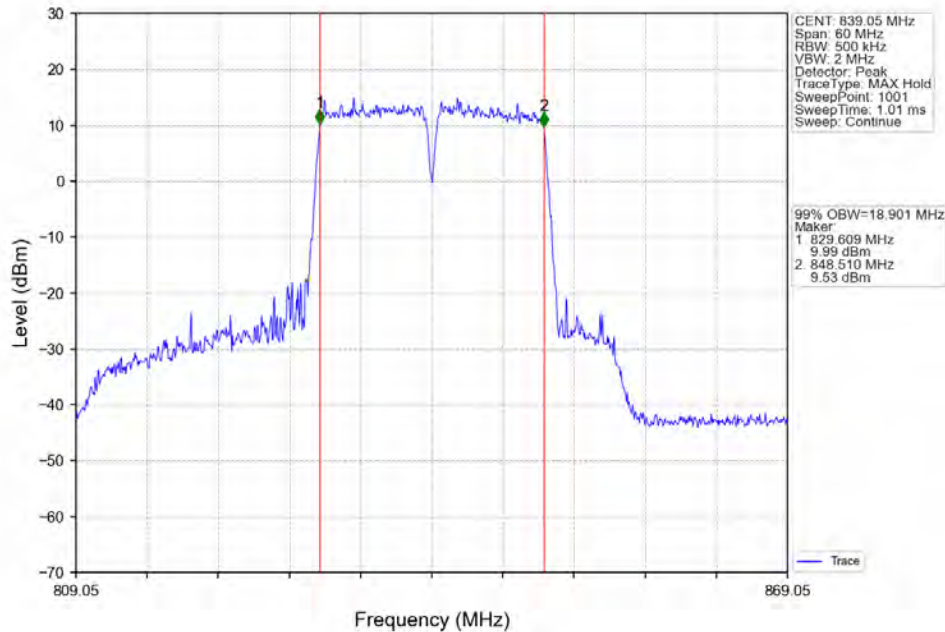
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2.2 CA_5B_NTNV_XDB

2.2.1 Test Result

Band: CA_5B / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:3 CC2:5	CC1: QPSK	CC1:825.5	CC1: 15@0	8.66	/	Pass
		CC2:829.4	CC2: 25@0			
	CC2: QPSK	CC1:842.6	CC1: 15@0	8.15	/	Pass
		CC2:846.5	CC2: 25@0			
	CC1: 16QAM	CC1:825.5	CC1: 15@0	8.63	/	Pass
		CC2:829.4	CC2: 25@0			
	CC2: 16QAM	CC1:842.6	CC1: 15@0	8.48	/	Pass
		CC2:846.5	CC2: 25@0			
	CC1: 64QAM	CC1:825.5	CC1: 15@0	8.06	/	Pass
		CC2:829.4	CC2: 25@0			
CC1:5 CC2:3	CC1: QPSK	CC1:826.5	CC1: 25@0	8.20	/	Pass
		CC2:830.4	CC2: 15@0			
	CC2: QPSK	CC1:843.6	CC1: 25@0	8.21	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: 16QAM	CC1:826.5	CC1: 25@0	9.16	/	Pass
		CC2:830.4	CC2: 15@0			
	CC2: 16QAM	CC1:843.6	CC1: 25@0	8.24	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: 64QAM	CC1:826.5	CC1: 25@0	8.21	/	Pass
		CC2:830.4	CC2: 15@0			
CC1:5 CC2:10	CC2: 64QAM	CC1:843.6	CC1: 25@0	8.27	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: 256QAM	CC1:826.5	CC1: 25@0	8.17	/	Pass
		CC2:830.4	CC2: 15@0			
	CC2: 256QAM	CC1:843.6	CC1: 25@0	8.18	/	Pass
		CC2:847.5	CC2: 15@0			
	CC1: QPSK	CC1:826.5	CC1: 25@0	14.86	/	Pass
		CC2:833.7	CC2: 50@0			
	CC2: QPSK	CC1:836.8	CC1: 25@0	14.89	/	Pass
		CC2:844	CC2: 50@0			
CC1:5 CC2:10	CC1: 16QAM	CC1:826.5	CC1: 25@0	14.90	/	Pass
		CC2:833.7	CC2: 50@0			
	CC2: 16QAM	CC1:836.8	CC1: 25@0	14.87	/	Pass
		CC2:844	CC2: 50@0			



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	CC1: 64QAM	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	14.85	/	Pass
	CC2: 64QAM	CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	14.90	/	Pass
	CC1: 256QAM	CC1:826.5 CC2:833.7	CC1: 25@0 CC2: 50@0	14.79	/	Pass
	CC2: 256QAM	CC1:836.8 CC2:844	CC1: 25@0 CC2: 50@0	14.86	/	Pass
CC1:10 CC2:5	CC1: QPSK	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	15.05	/	Pass
	CC2: QPSK	CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	17.77	/	Pass
	CC1: 16QAM	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	14.95	/	Pass
	CC2: 16QAM	CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	25.57	/	Pass
	CC1: 64QAM	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	15.07	/	Pass
	CC2: 64QAM	CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	28.10	/	Pass
	CC1: 256QAM	CC1:829 CC2:836.2	CC1: 50@0 CC2: 25@0	14.92	/	Pass
	CC2: 256QAM	CC1:839.3 CC2:846.5	CC1: 50@0 CC2: 25@0	15.29	/	Pass
CC1:10 CC2:10	CC1: QPSK	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.48	/	Pass
	CC2: QPSK	CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.65	/	Pass
	CC1: 16QAM	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.18	/	Pass
	CC2: 16QAM	CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.38	/	Pass
	CC1: 64QAM	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.26	/	Pass
	CC2: 64QAM	CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.39	/	Pass
	CC1: 256QAM	CC1:829 CC2:838.9	CC1: 50@0 CC2: 50@0	20.38	/	Pass
	CC2: 256QAM	CC1:834.1 CC2:844	CC1: 50@0 CC2: 50@0	20.38	/	Pass



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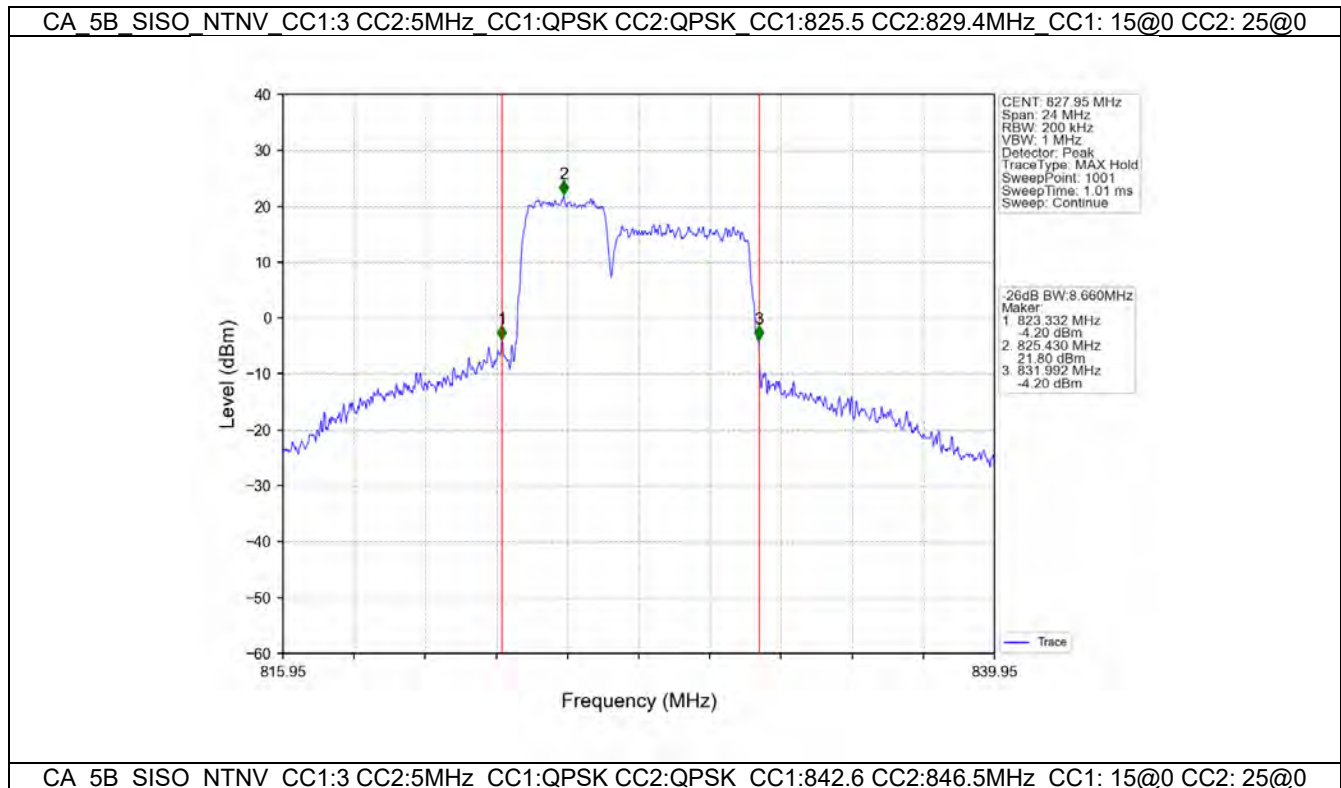
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2.2.2 Test Graph



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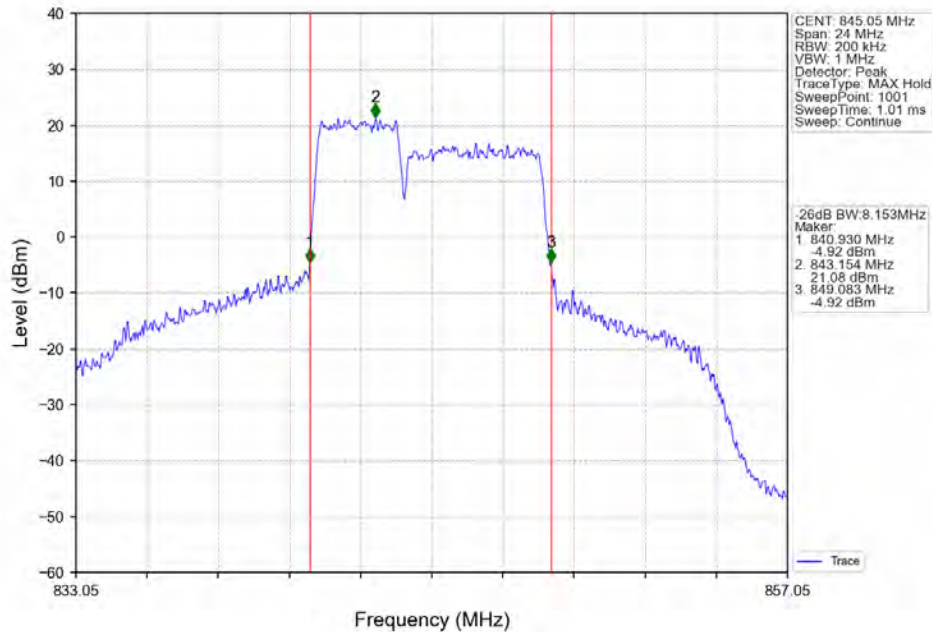
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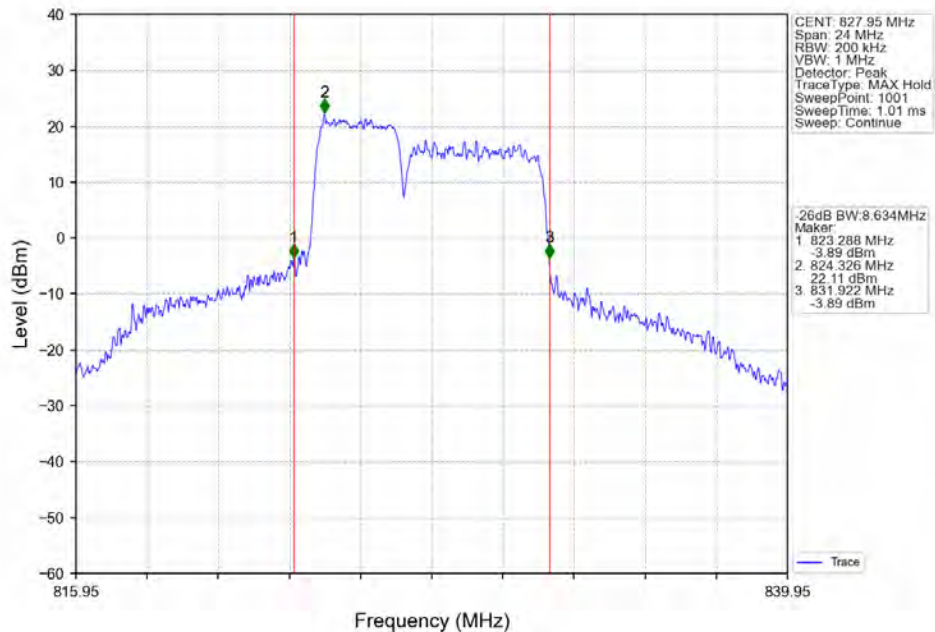
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:16QAM CC2:16QAM_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



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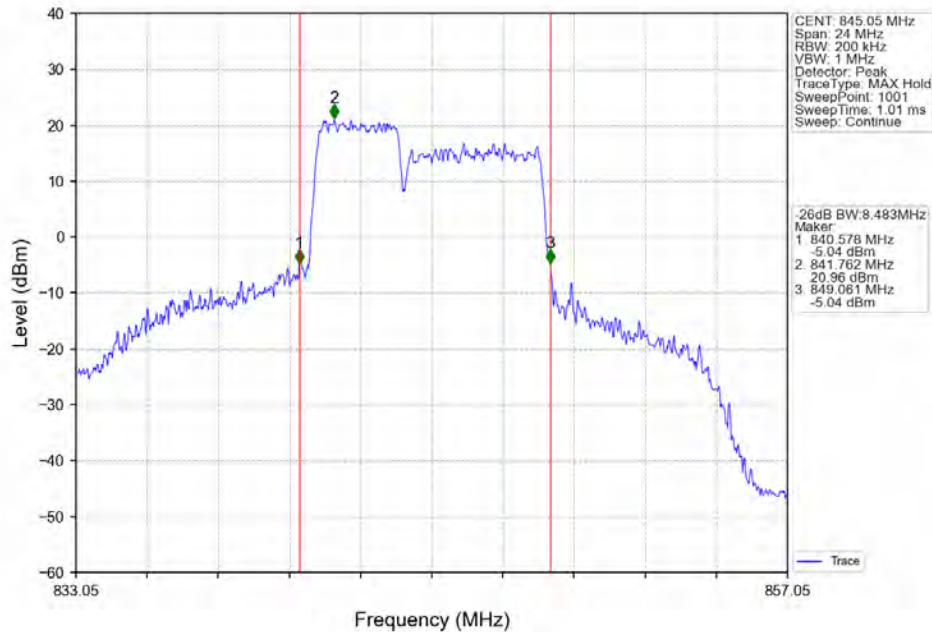
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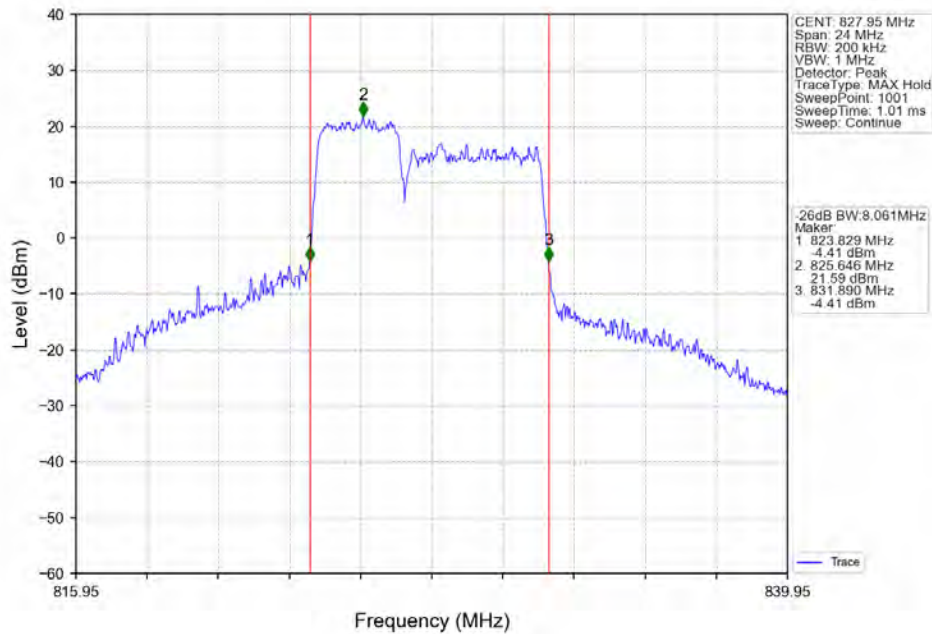
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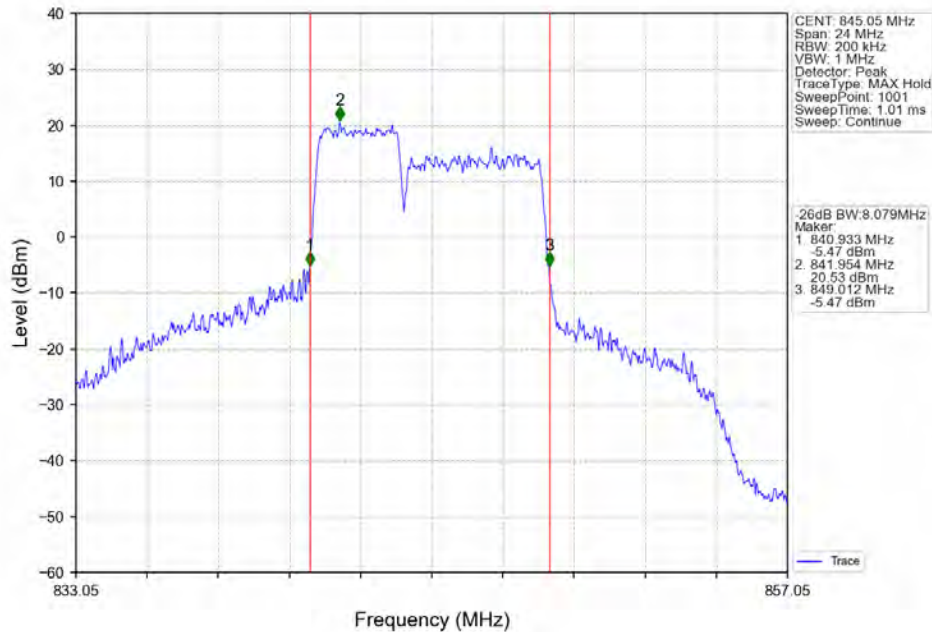
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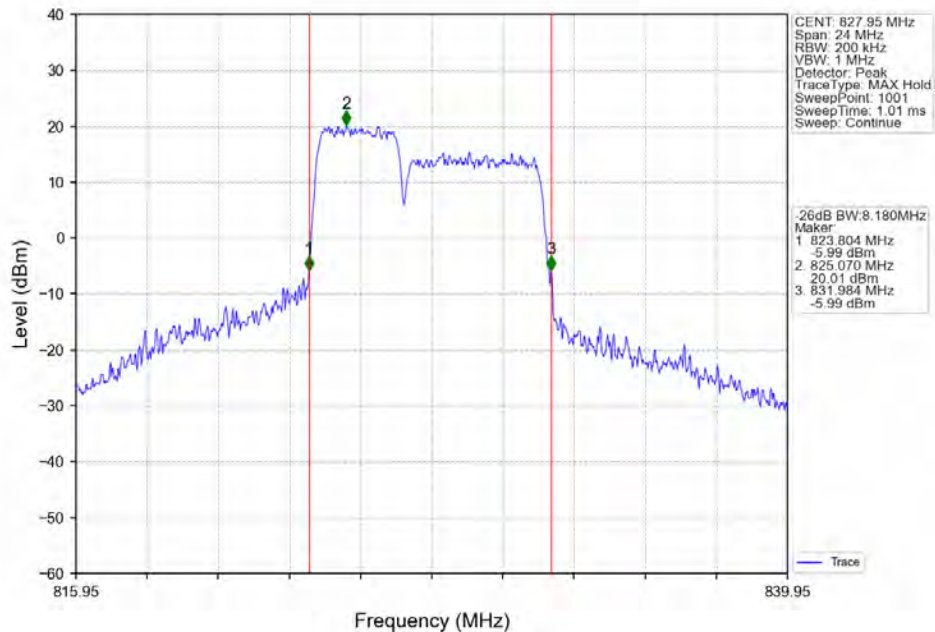
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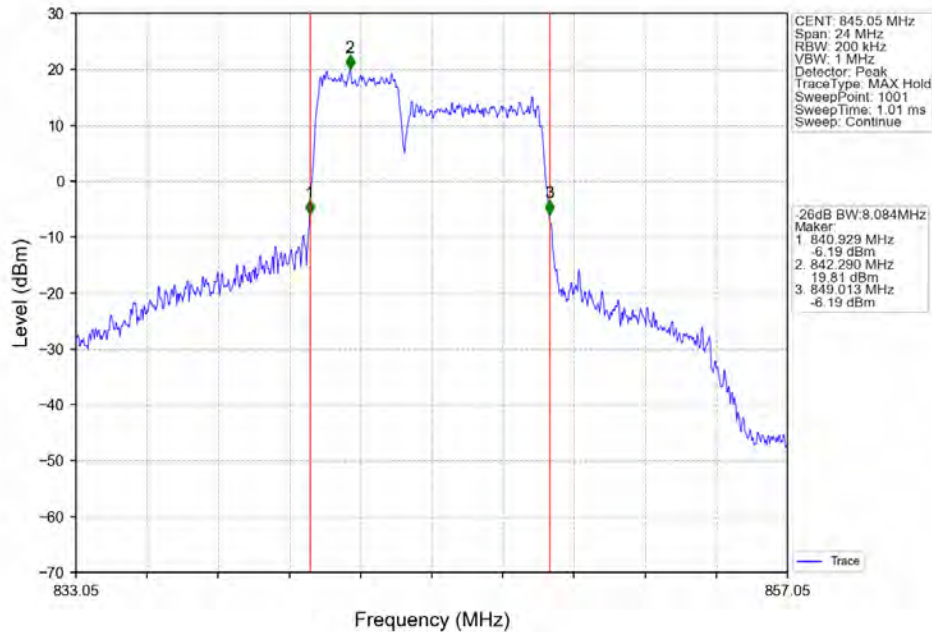
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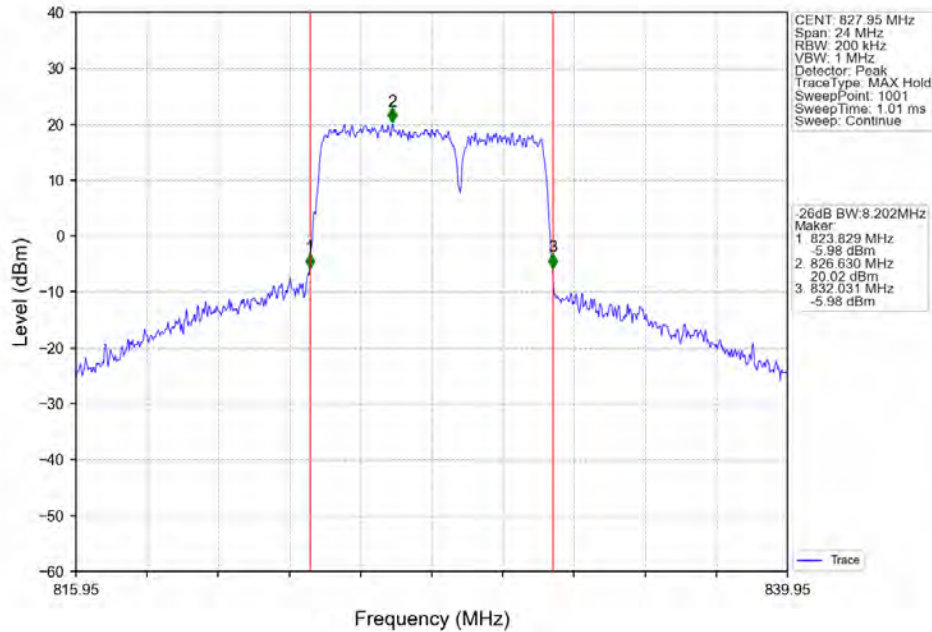
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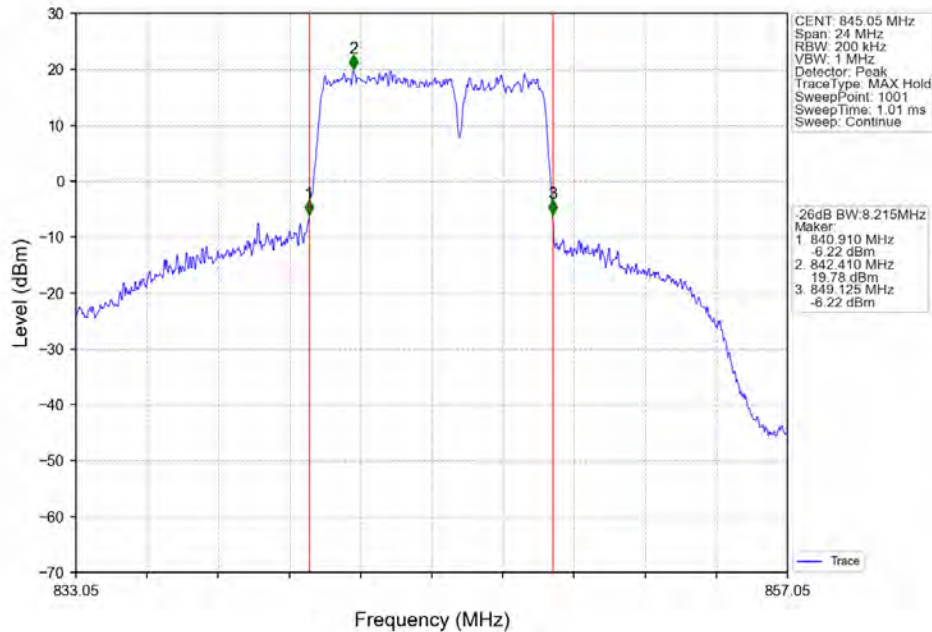
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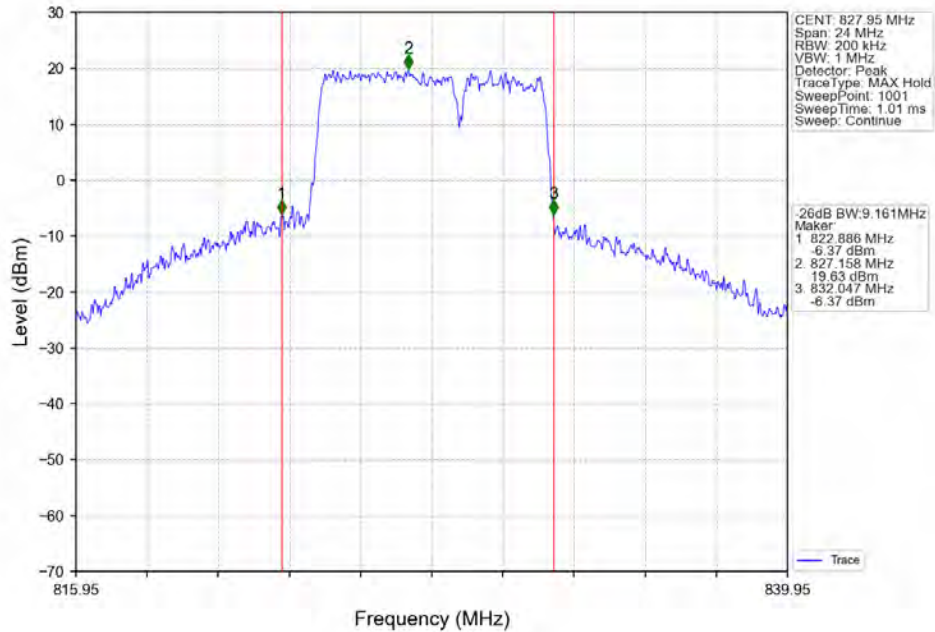
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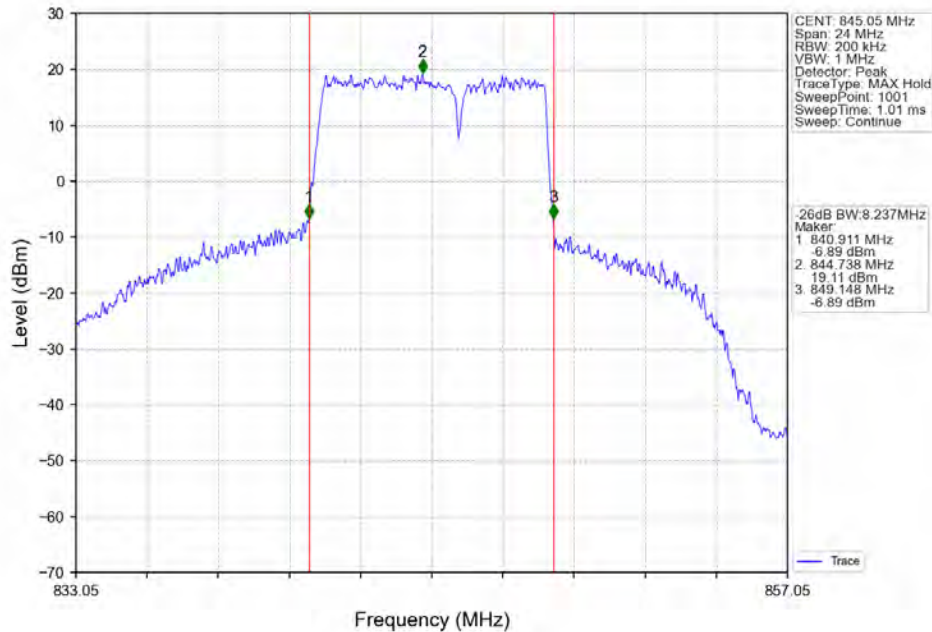
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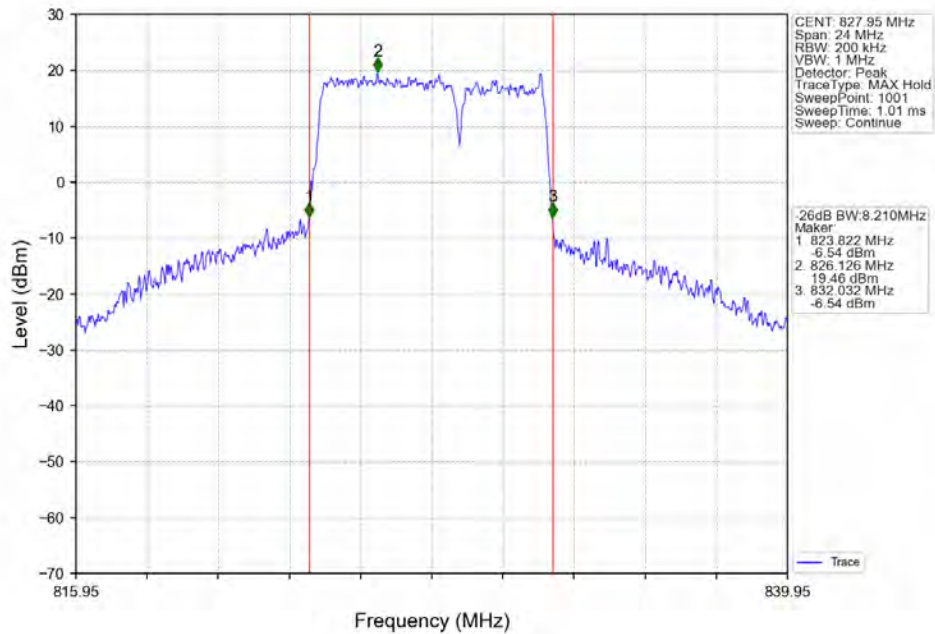
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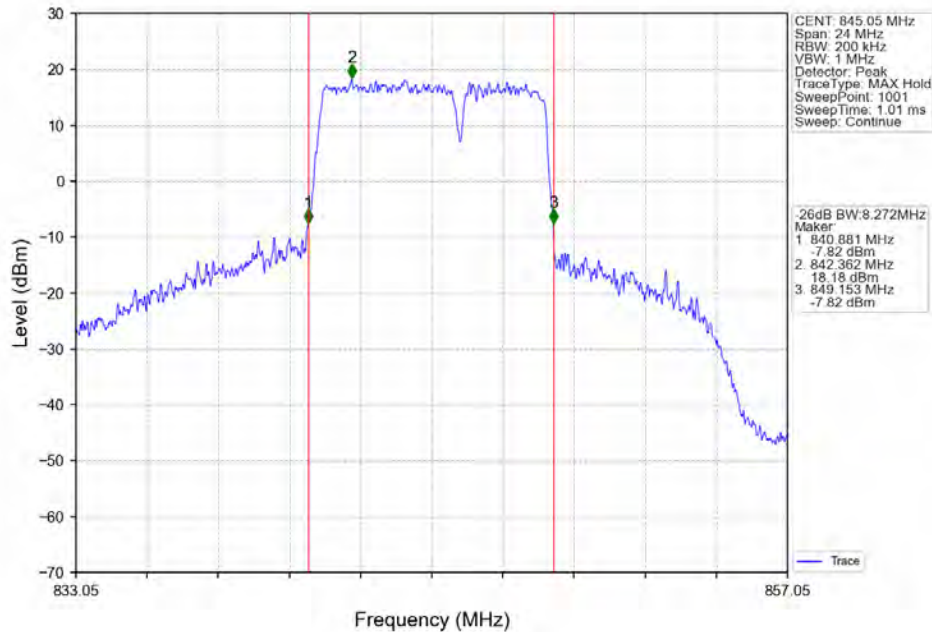
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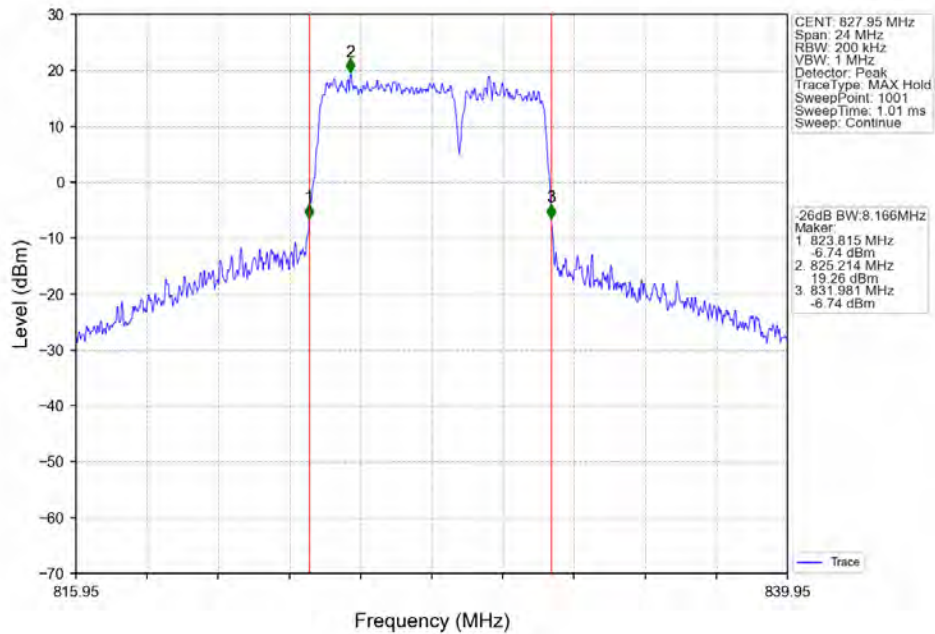
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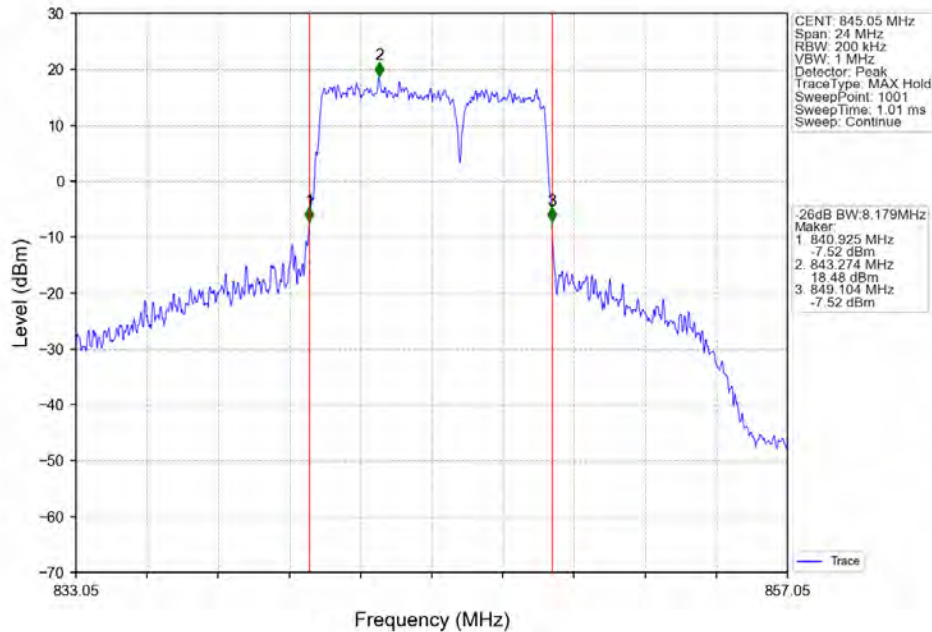
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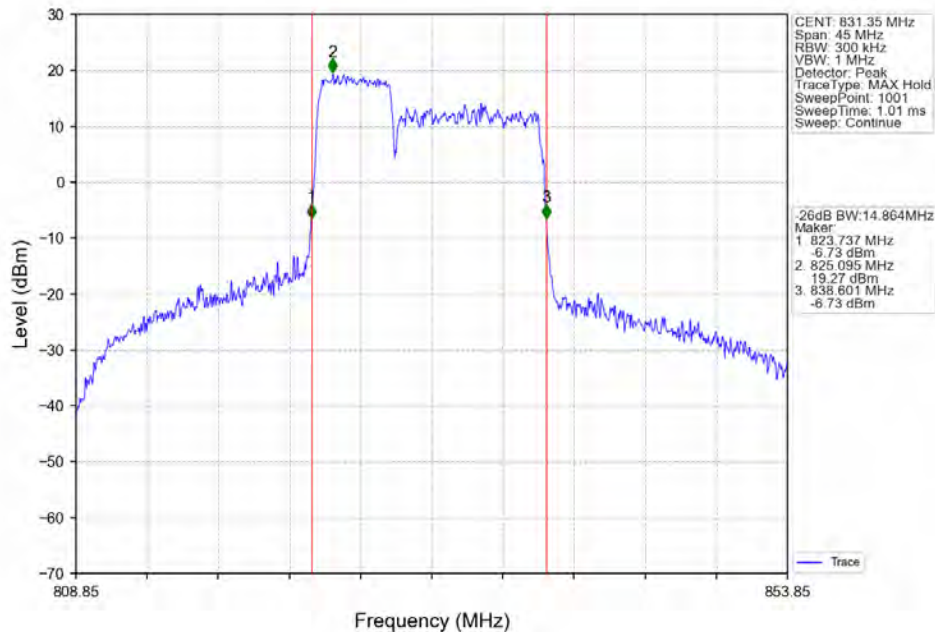
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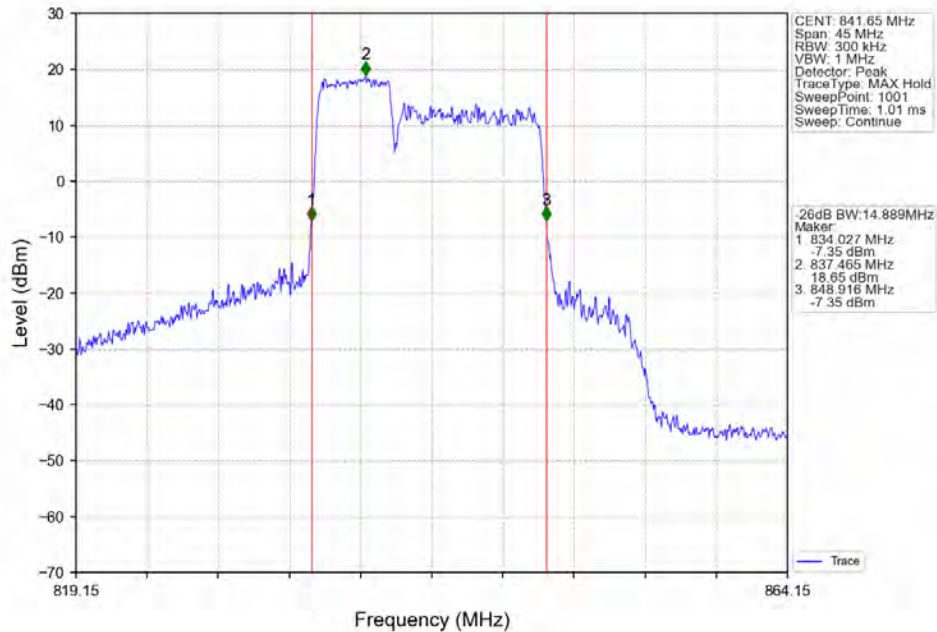
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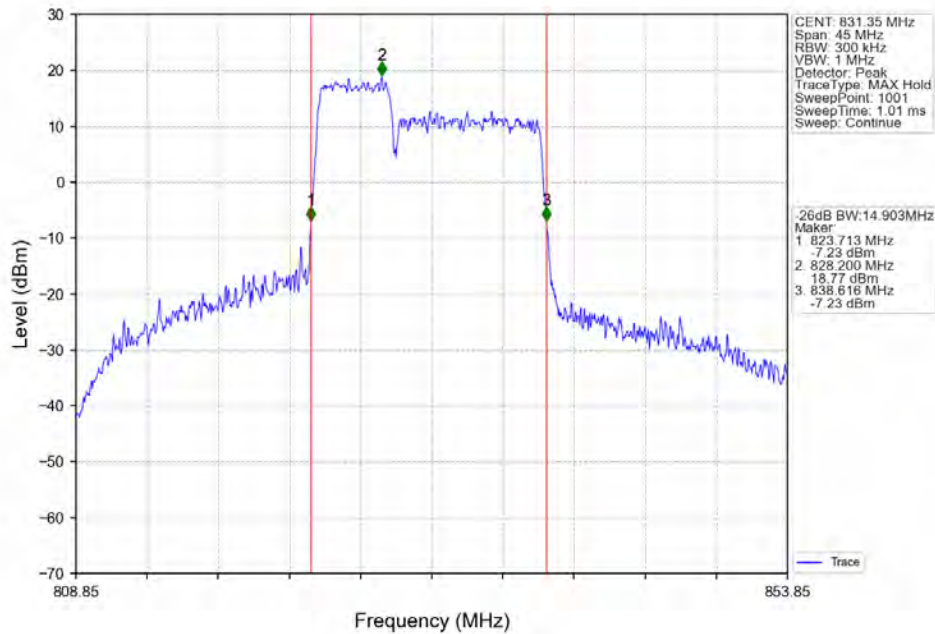
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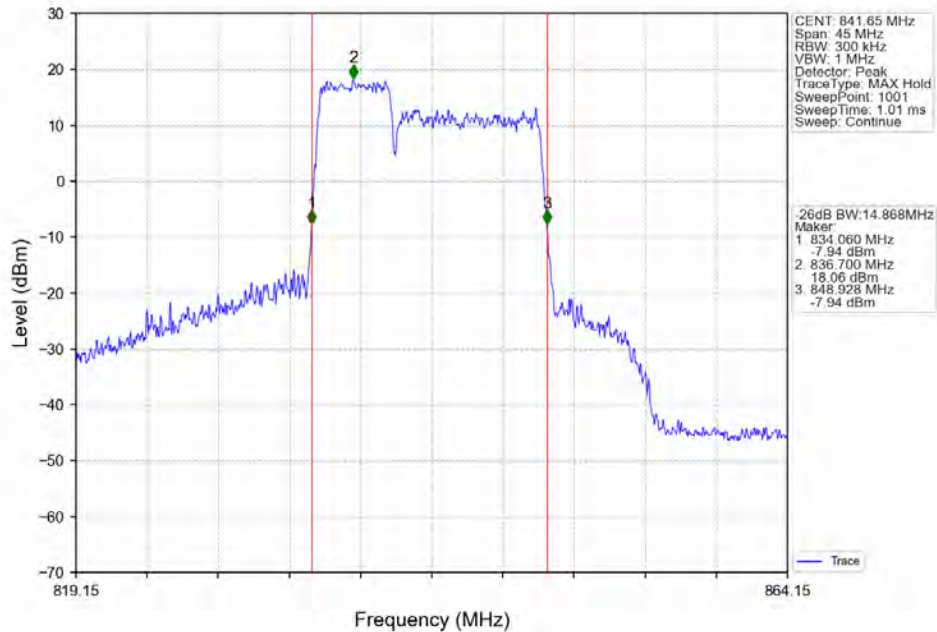
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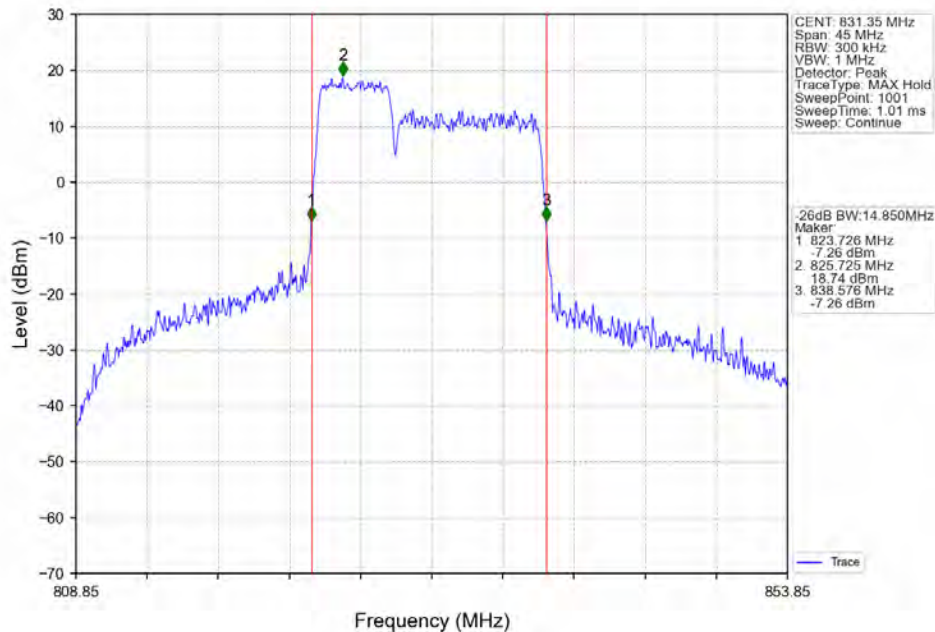
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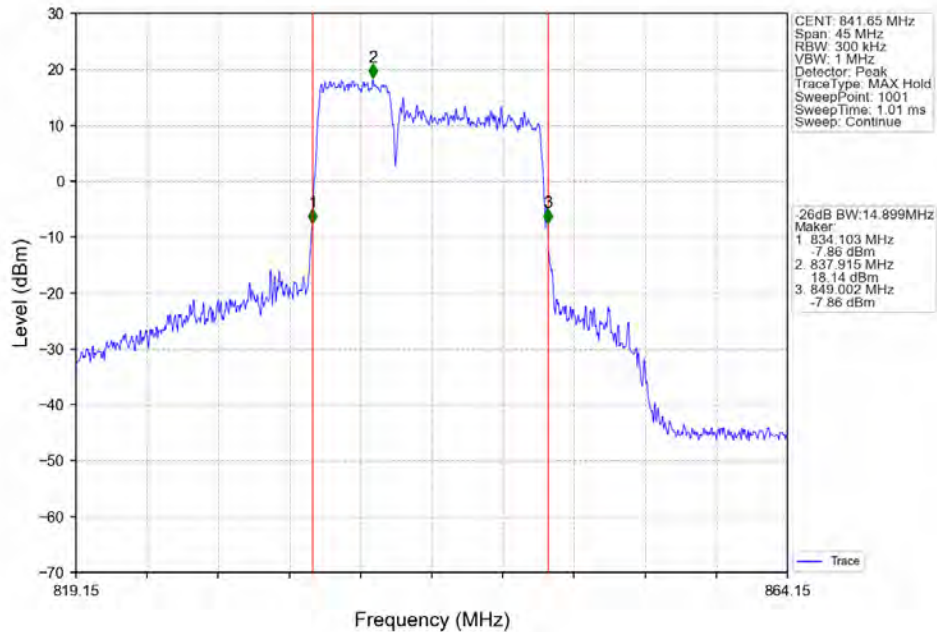
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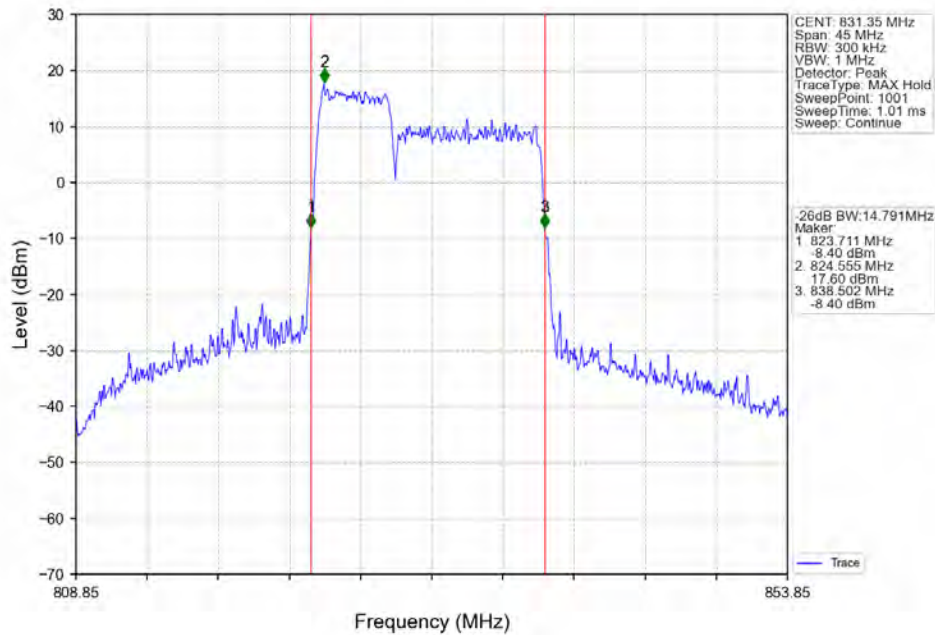
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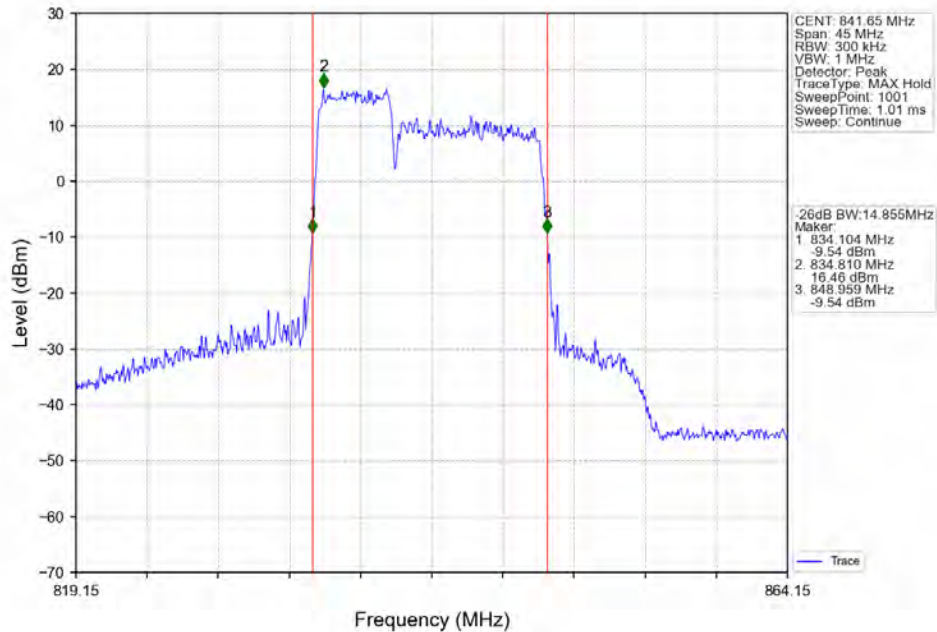
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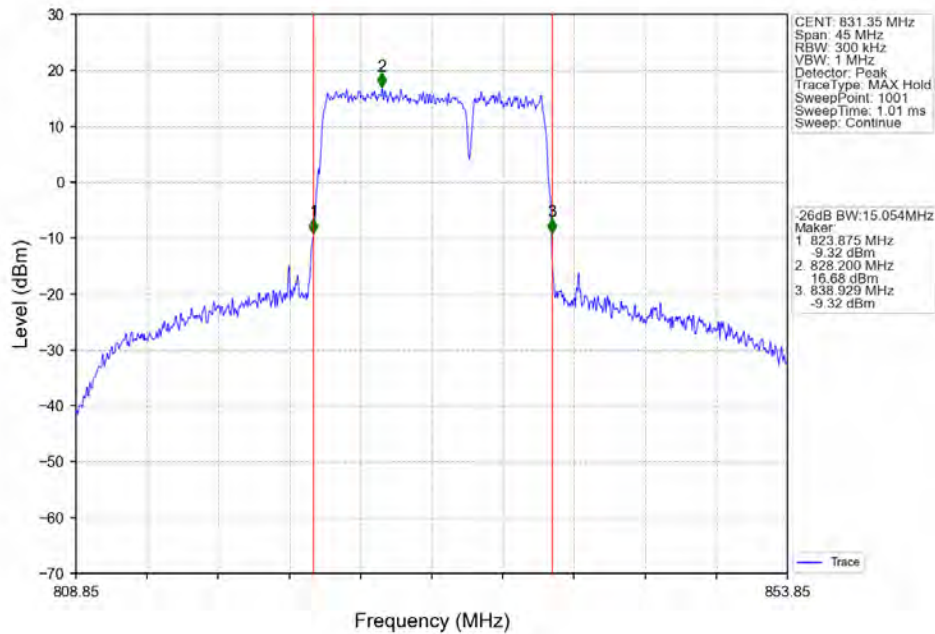
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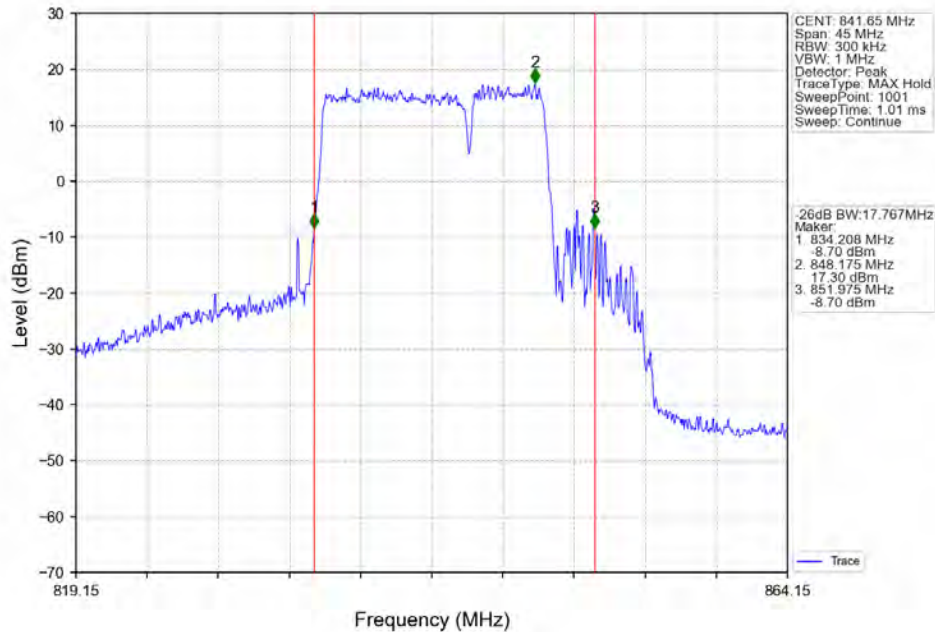
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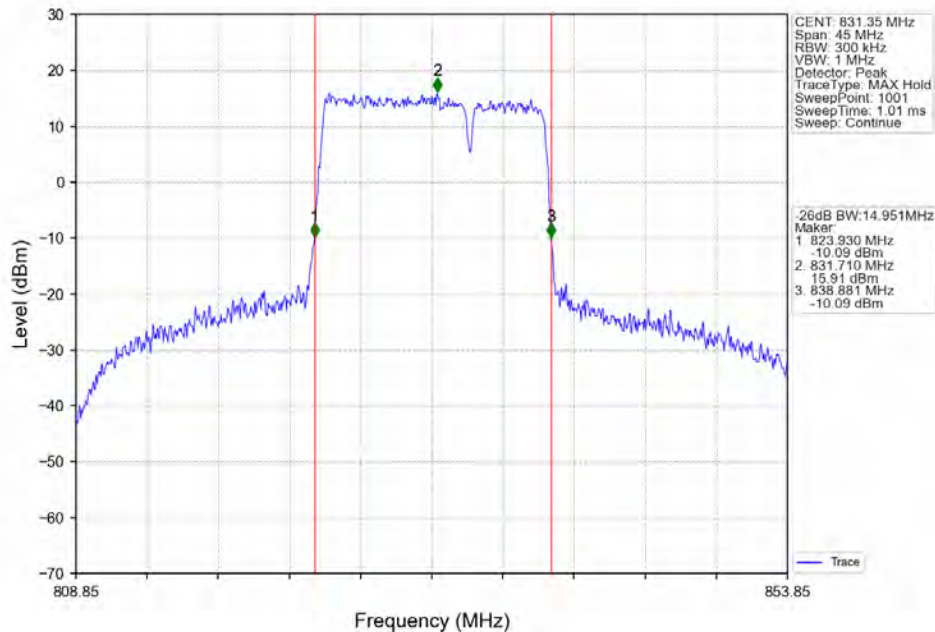
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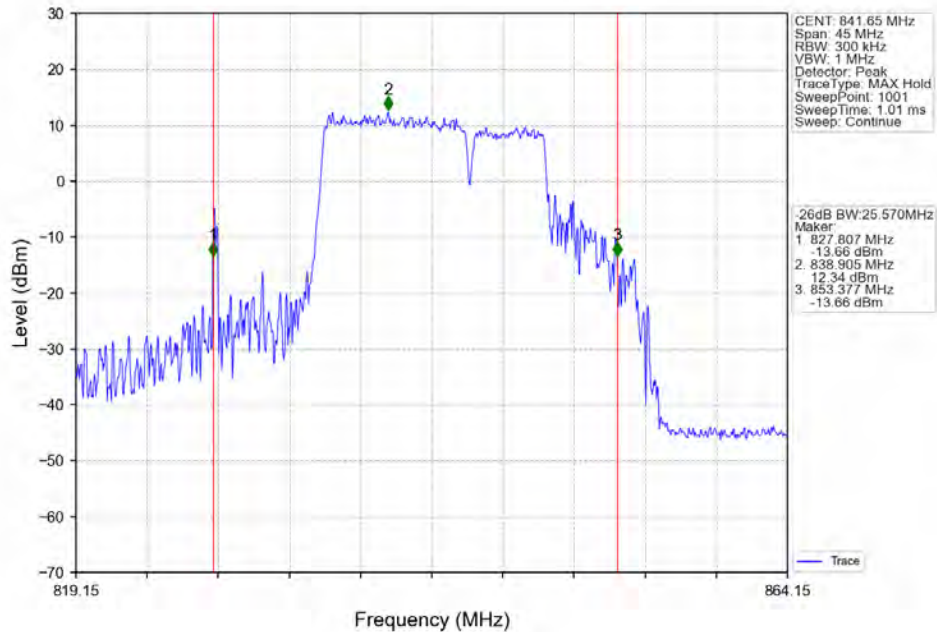
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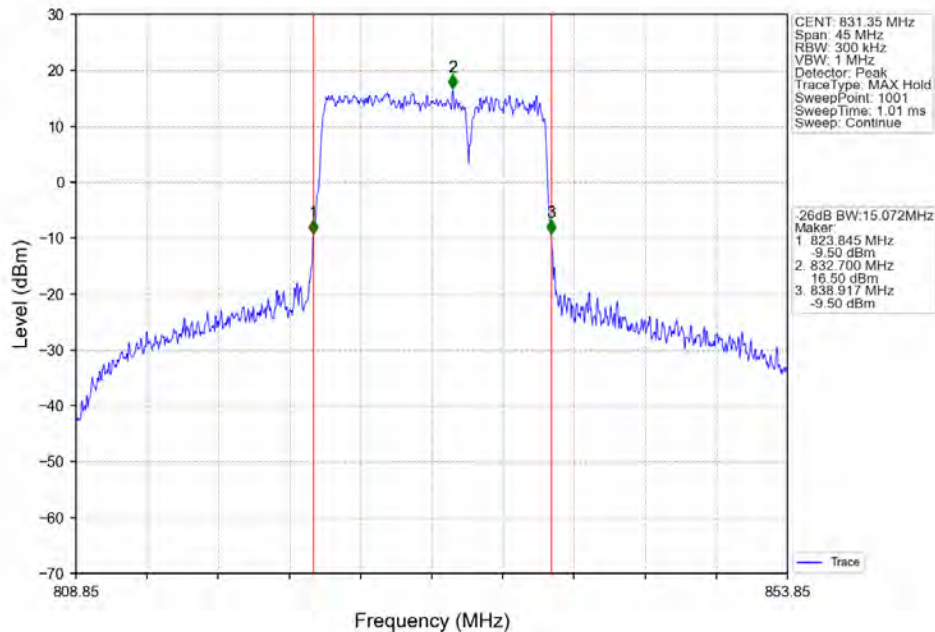
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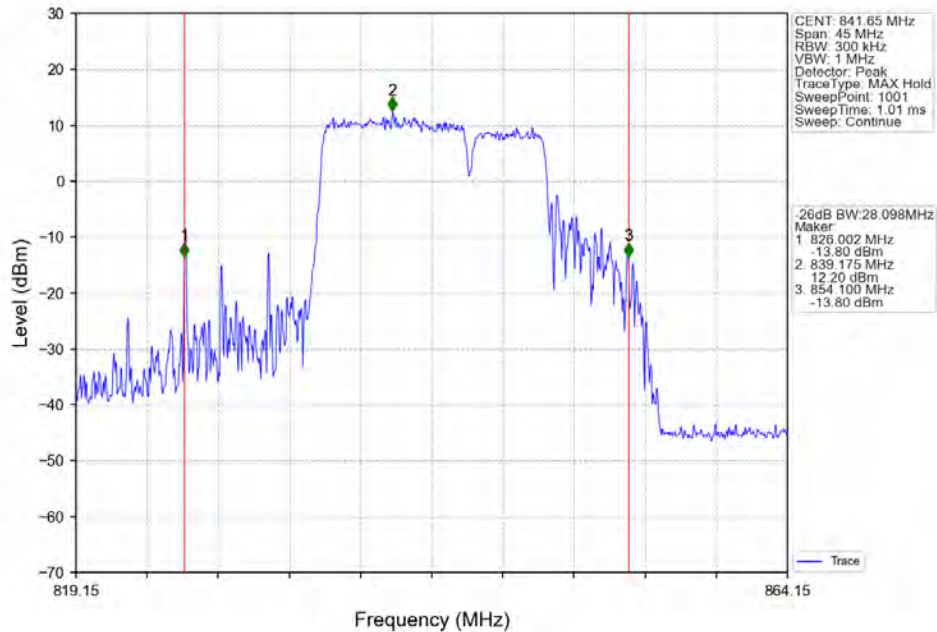
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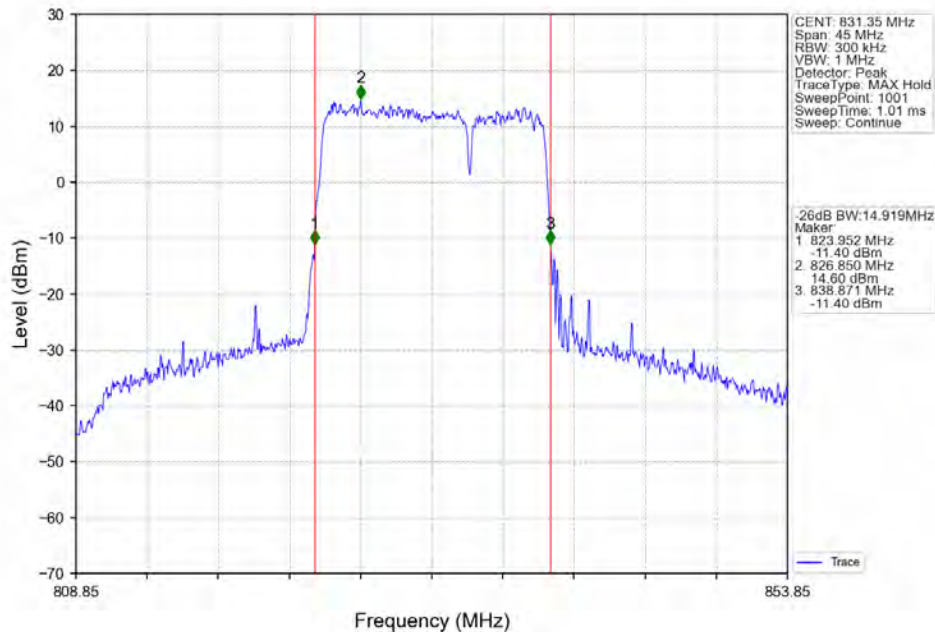
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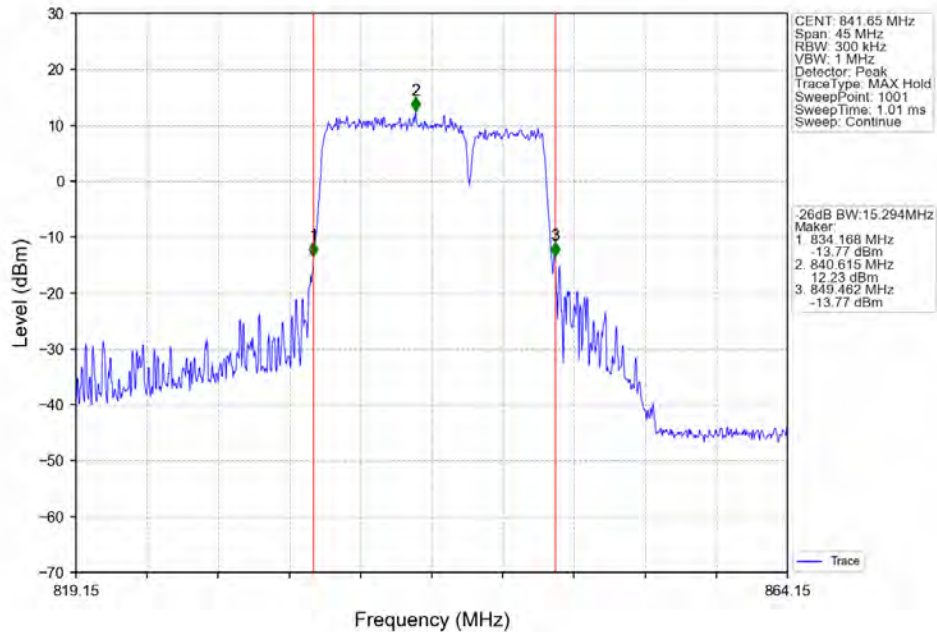
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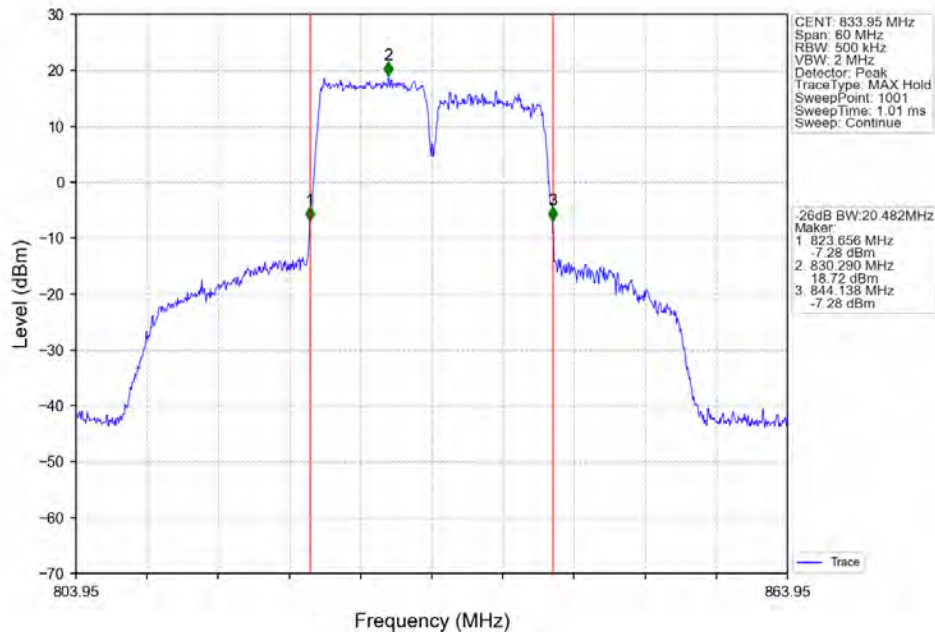
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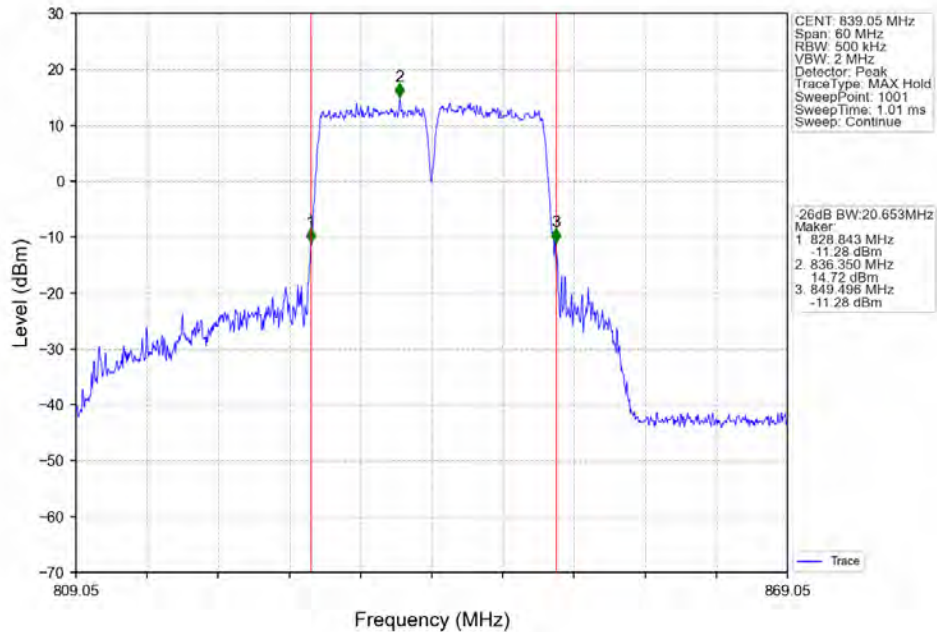
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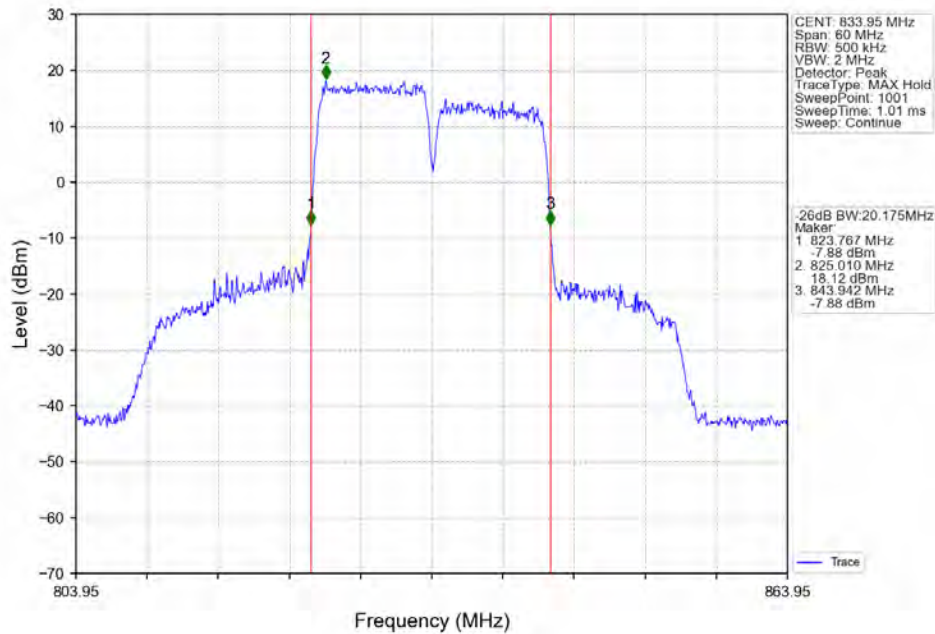
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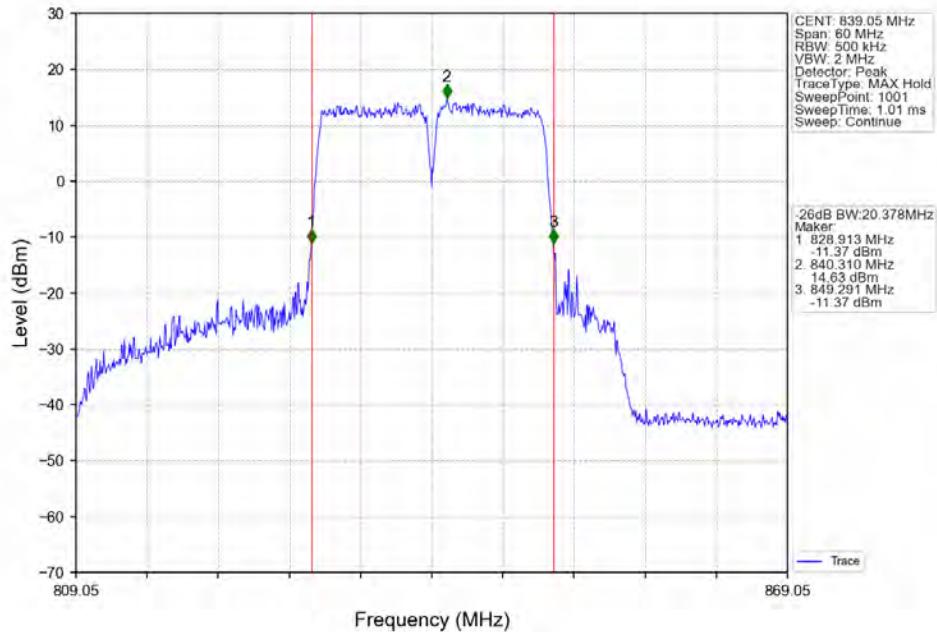
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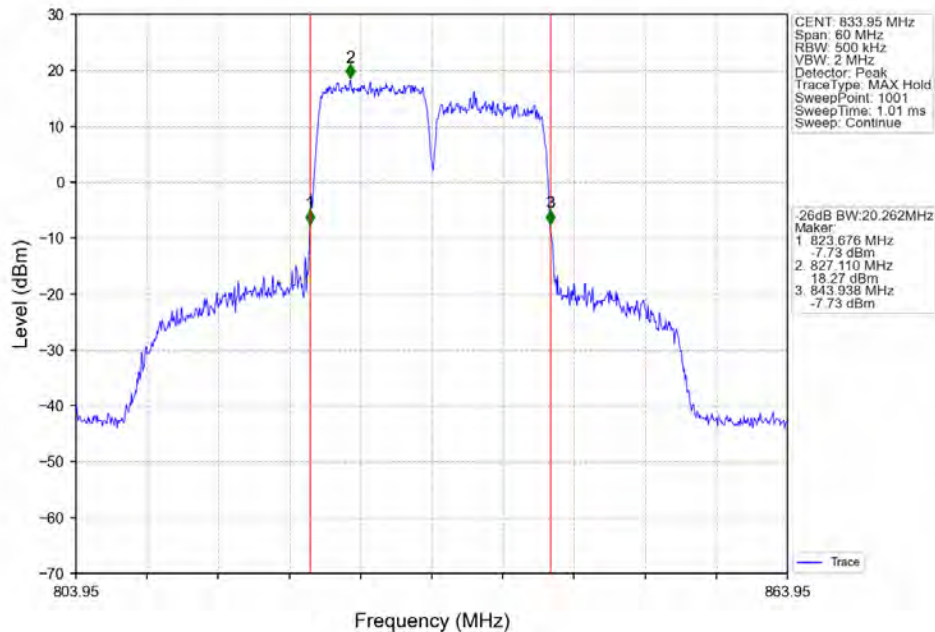
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:64QAM_CC2:64QAM_CC1:829_CC2:838.9MHz_CC1: 50@0_CC2: 50@0



CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:64QAM_CC2:64QAM_CC1:834.1_CC2:844MHz_CC1: 50@0_CC2: 50@0



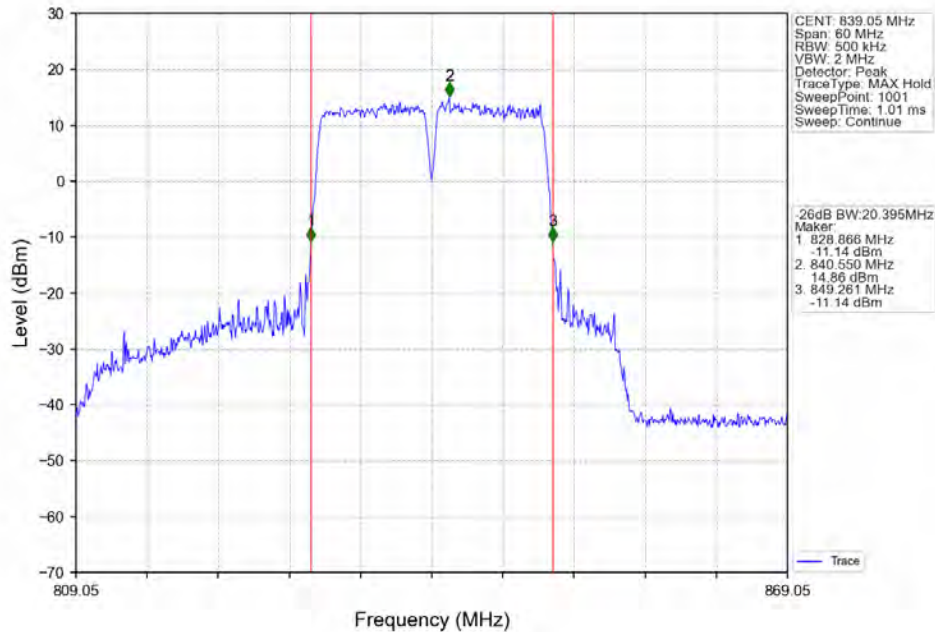
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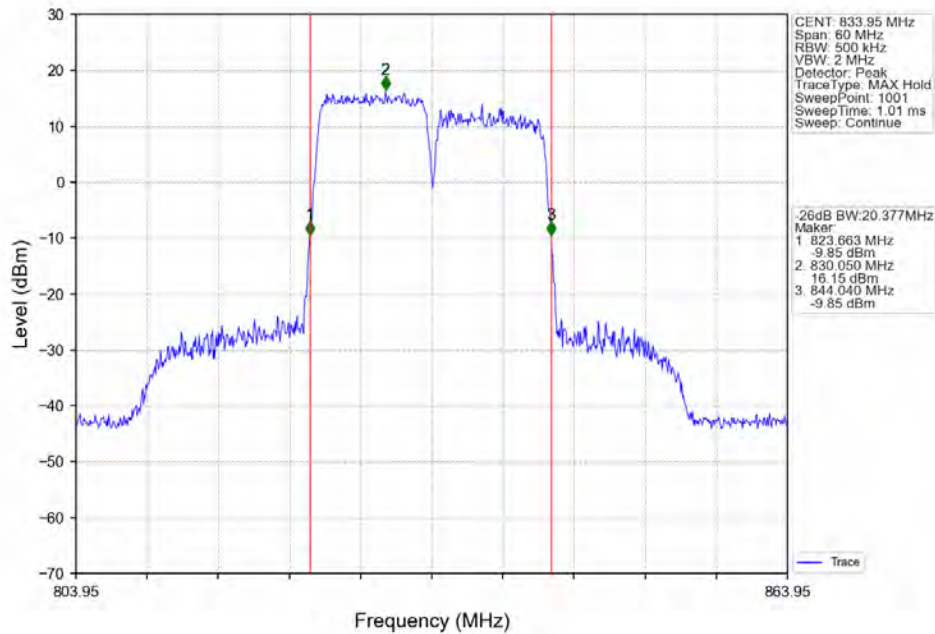
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CA_5B_SISO_NTNV_CC1:10 CC2:10MHz CC1:256QAM CC2:256QAM CC1:834.1 CC2:844MHz CC1: 50@0 CC2: 50@0



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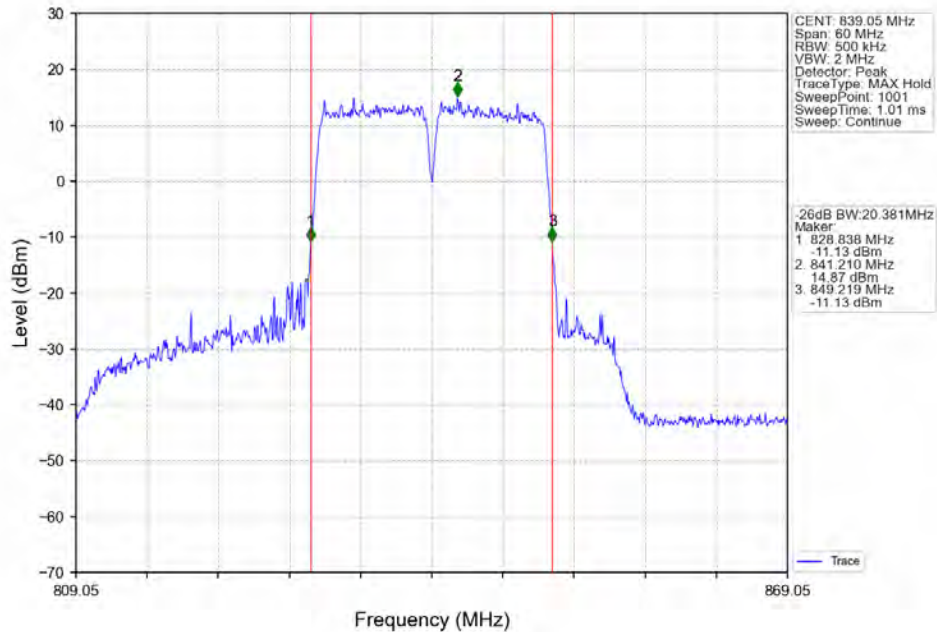
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3. Spurious Emission & Band Edge

3.1 CA_5B_NTNV

3.1.1 Test Result

Band: CA_5B / NTN_V								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:3 CC2:5	CC1: QPSK CC2: QPSK	CC1:825.5 CC2:829.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
		CC1:842.6 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@14 CC2: 1@24	Refer To Test Graph				Pass
			CC1: 15@0 CC2: 25@0	Refer To Test Graph				Pass
CC1:5 CC2:3	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:830.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
		CC1:843.6 CC2:847.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@14	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 15@0	Refer To Test Graph				Pass
CC1:5 CC2:10	CC1: QPSK CC2: QPSK	CC1:826.5 CC2:833.7	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 50@0	Refer To Test Graph				Pass
		CC1:836.8 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@49	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 50@0	Refer To Test Graph				Pass
CC1:10 CC2:5	CC1: QPSK CC2: QPSK	CC1:829 CC2:836.2	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 25@0	Refer To Test Graph				Pass
		CC1:839.3 CC2:846.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@49 CC2: 1@24	Refer To Test Graph				Pass
			CC1: 50@0	Refer To Test Graph				Pass



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			CC2: 25@0		
CC1:10 CC2:10	CC1: QPSK CC2: QPSK	CC1:829 CC2:838.9	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:834.1 CC2:844	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@49 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 50@0 CC2: 50@0	Refer To Test Graph	Pass



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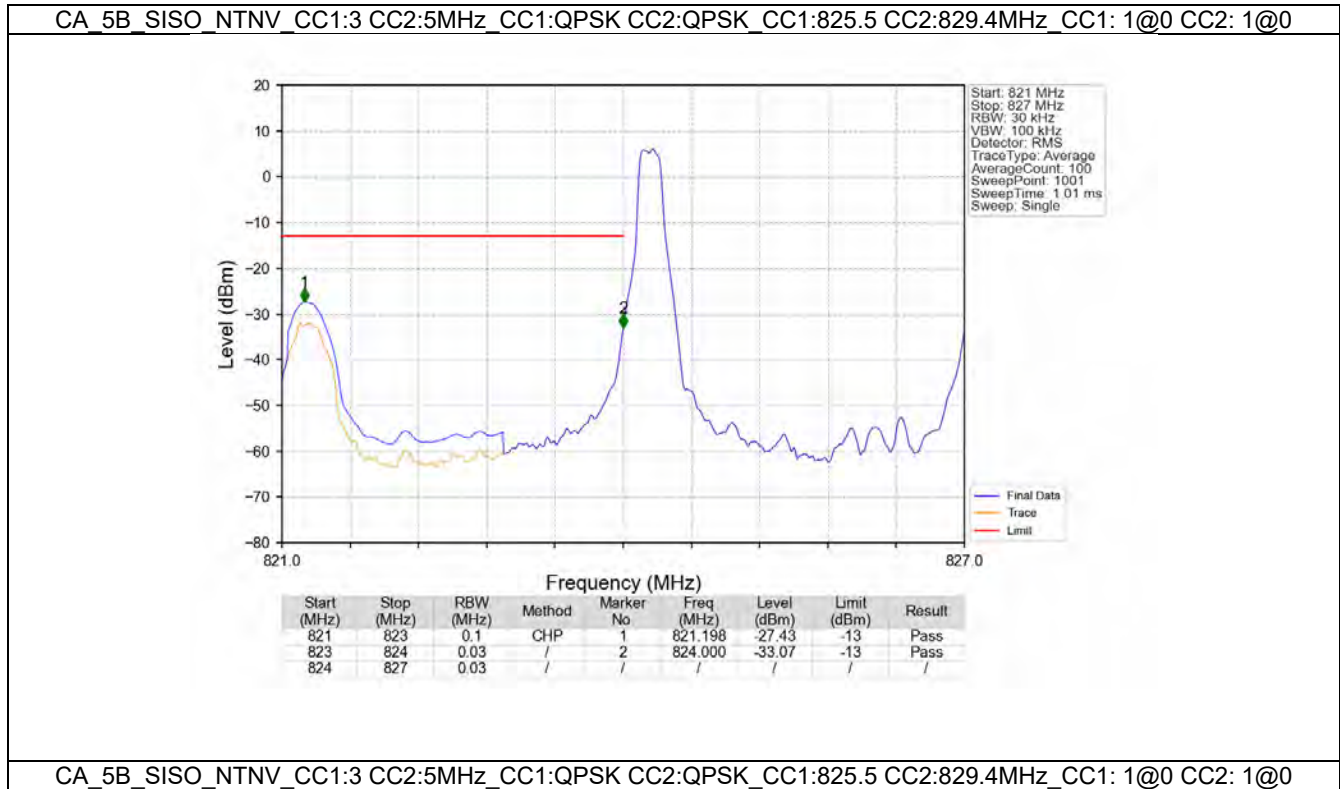
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3.1.2 Test Graph



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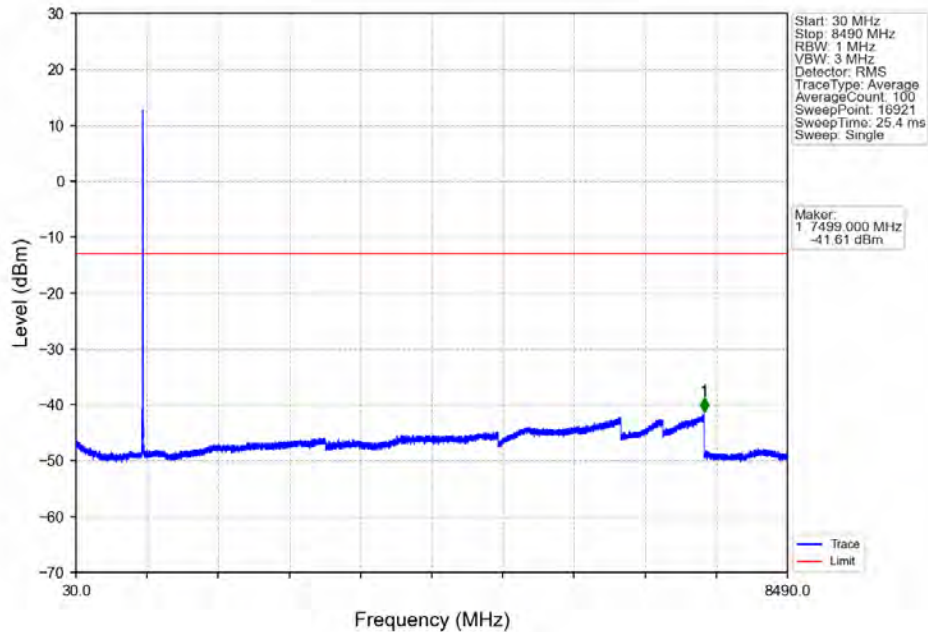
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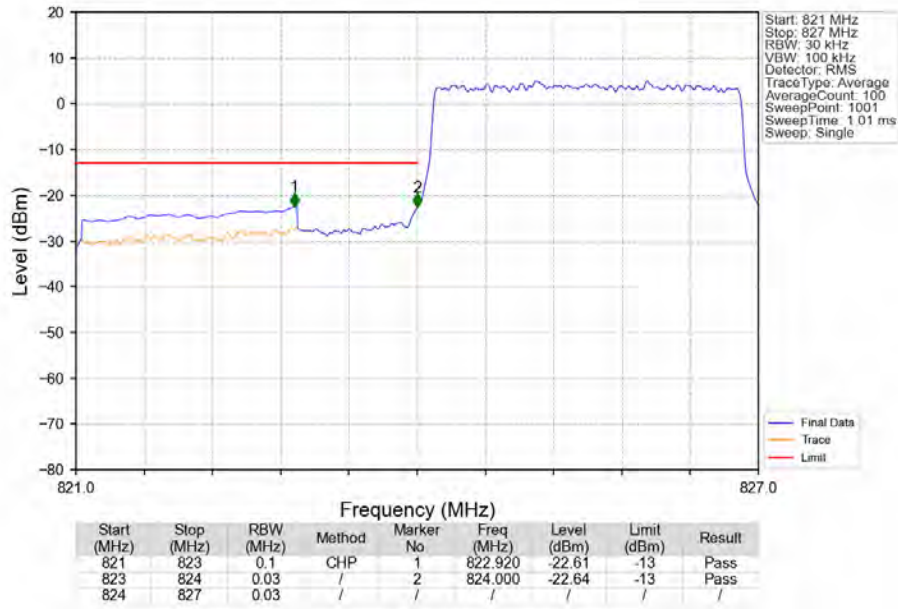
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:825.5 CC2:829.4MHz_CC1: 15@0 CC2: 25@0



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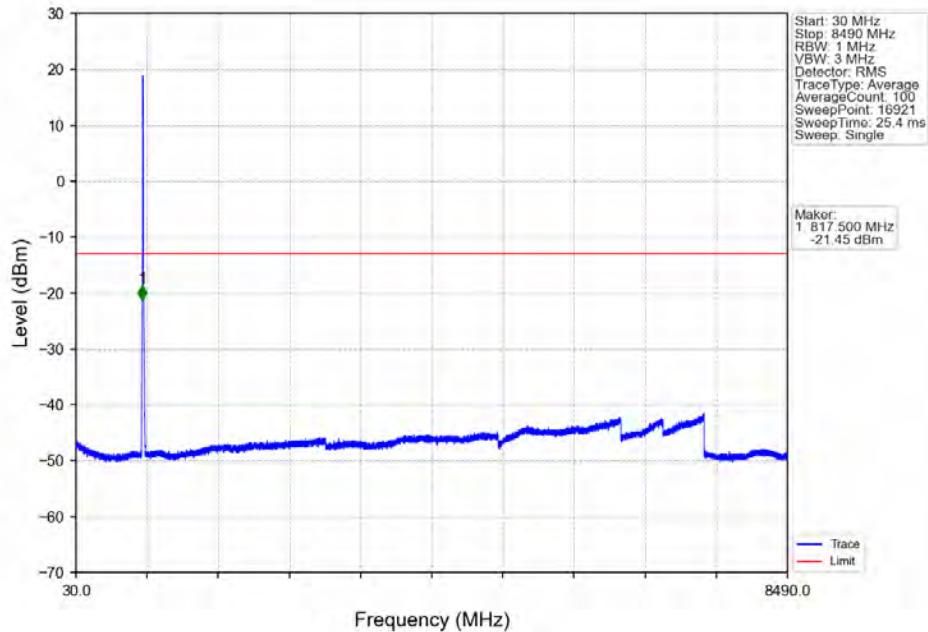
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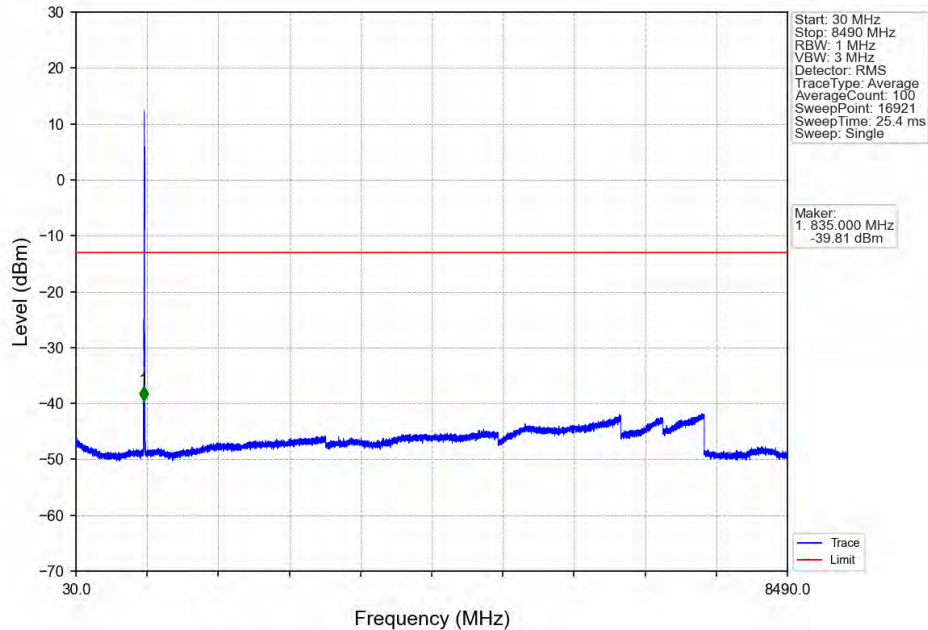
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 1@14 CC2: 1@24



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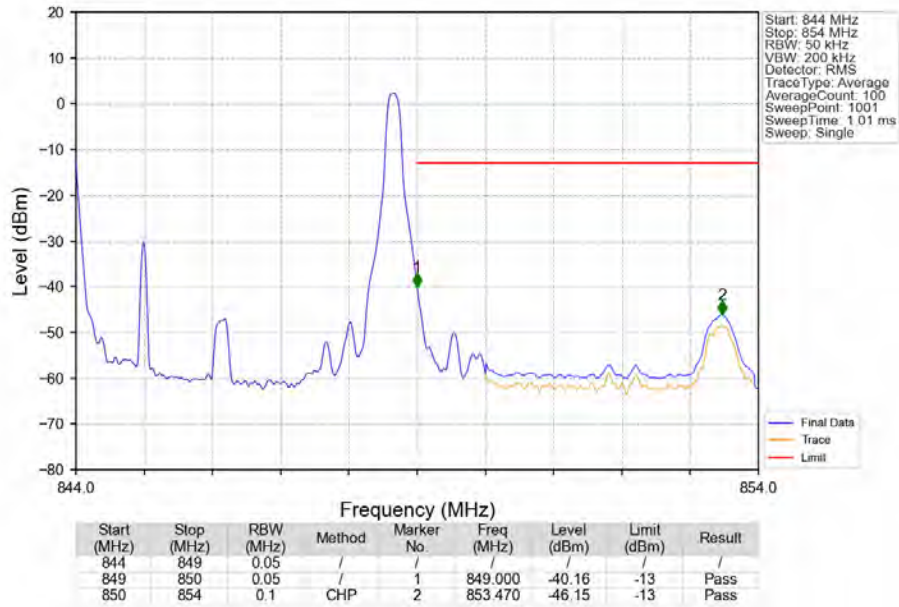
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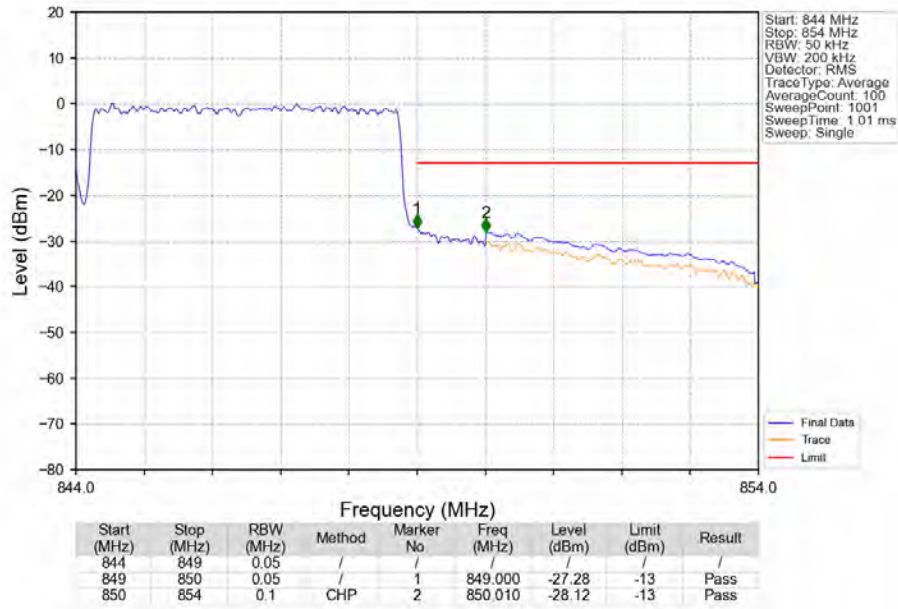
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CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



CA_5B_SISO_NTNV_CC1:3 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:842.6 CC2:846.5MHz_CC1: 15@0 CC2: 25@0



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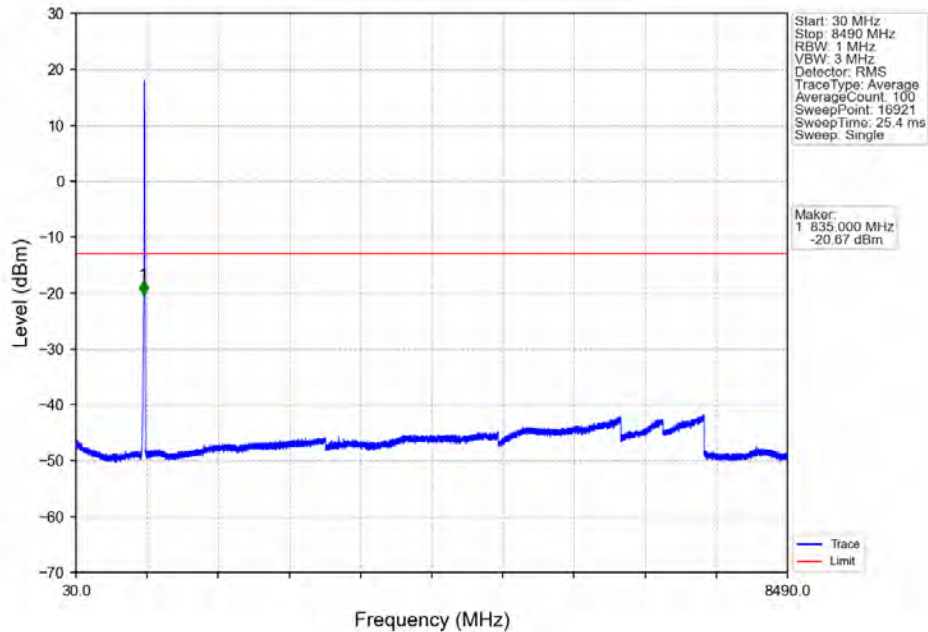
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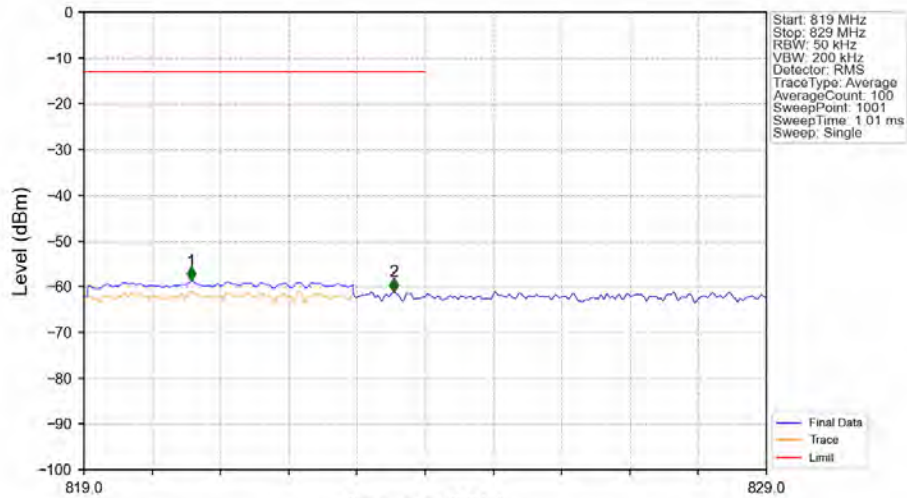
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CA_5B_SISO_NTNV_CC1:5_CC2:3MHz_CC1:QPSK_CC2:QPSK_CC1:826.5_CC2:830.4MHz_CC1: 1@0_CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	820.570	-58.75	-13	Pass
823	824	0.05	/	2	823.540	-61.13	-13	Pass
824	829	0.05	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:5_CC2:3MHz_CC1:QPSK_CC2:QPSK_CC1:826.5_CC2:830.4MHz_CC1: 1@0_CC2: 1@0



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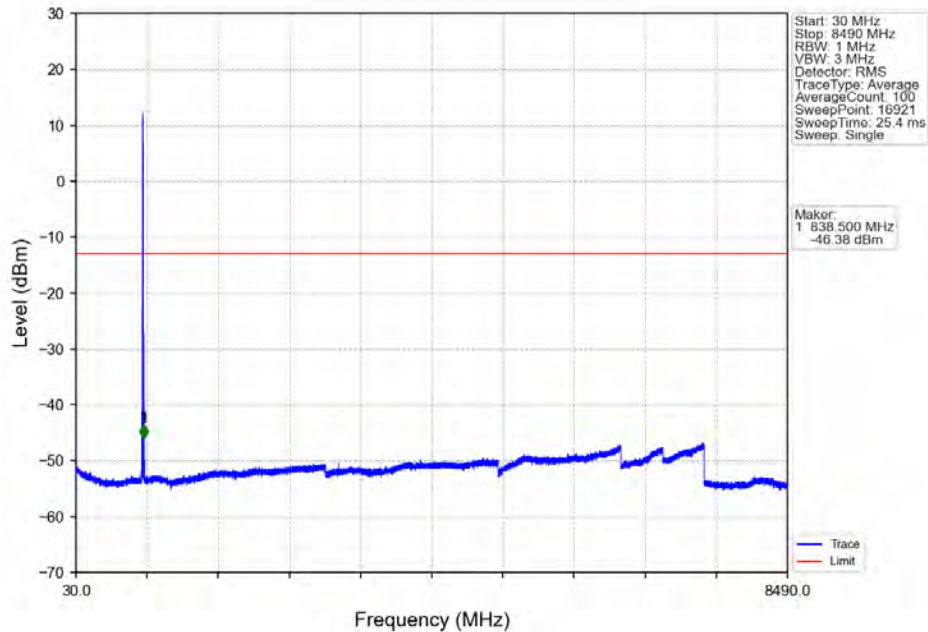
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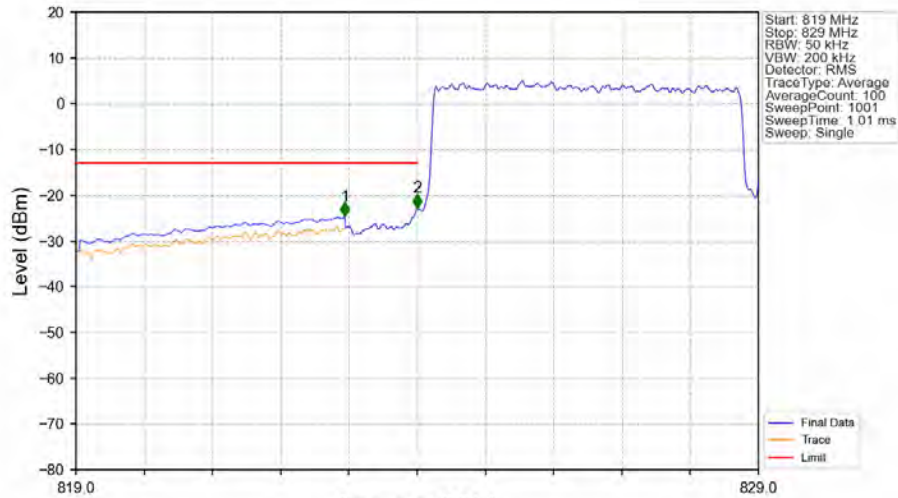
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CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-24.57	-13	Pass
823	824	0.05	/	2	824.000	-22.77	-13	Pass
824	829	0.05	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:826.5 CC2:830.4MHz_CC1: 25@0 CC2: 15@0



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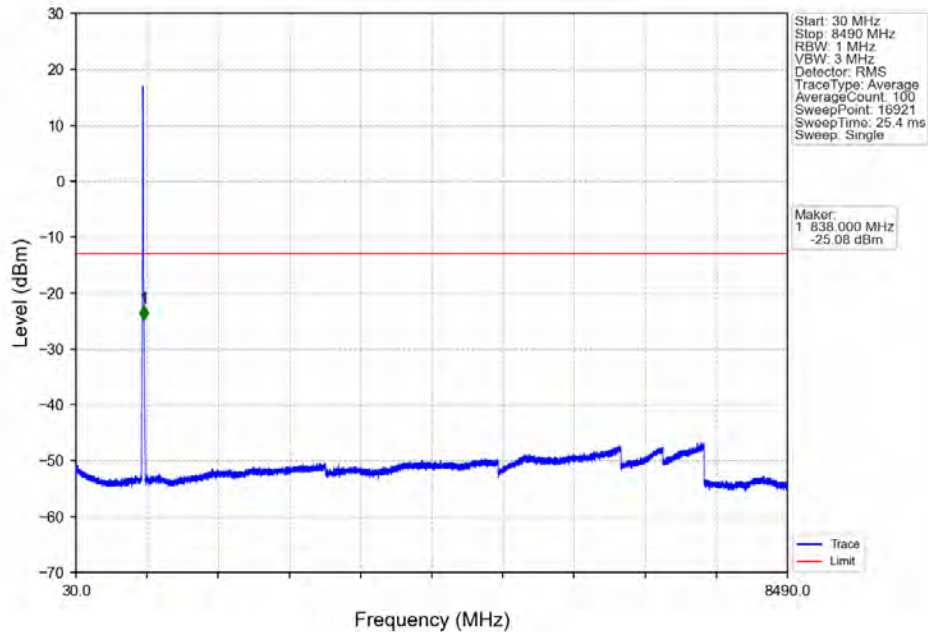
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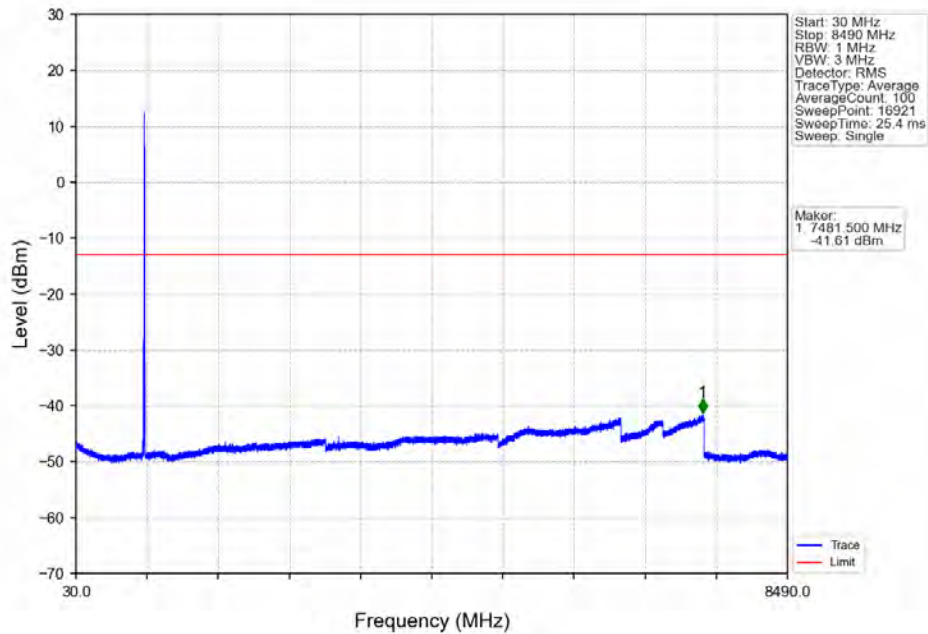
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CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:843.6 CC2:847.5MHz_CC1: 1@0 CC2: 1@0



CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:843.6 CC2:847.5MHz_CC1: 1@24 CC2: 1@14



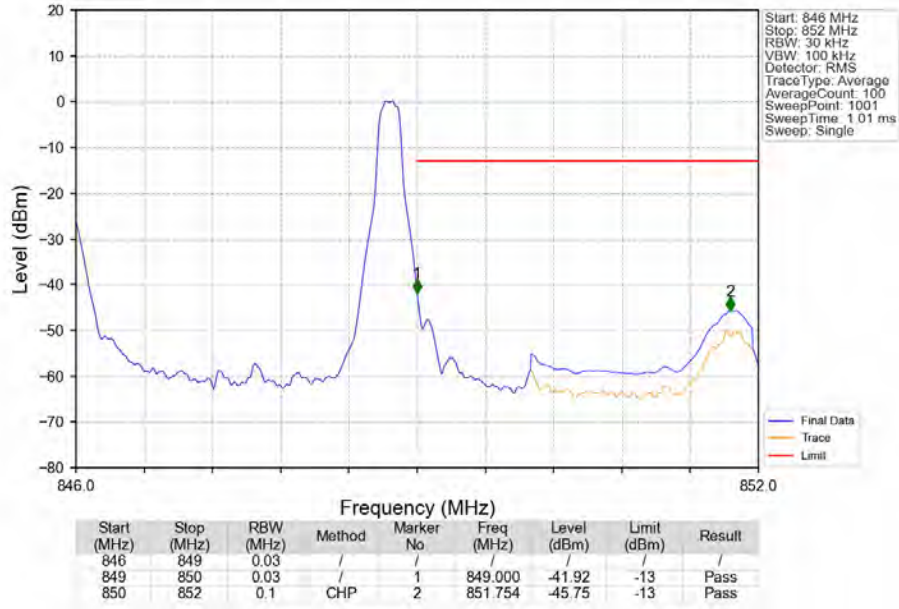
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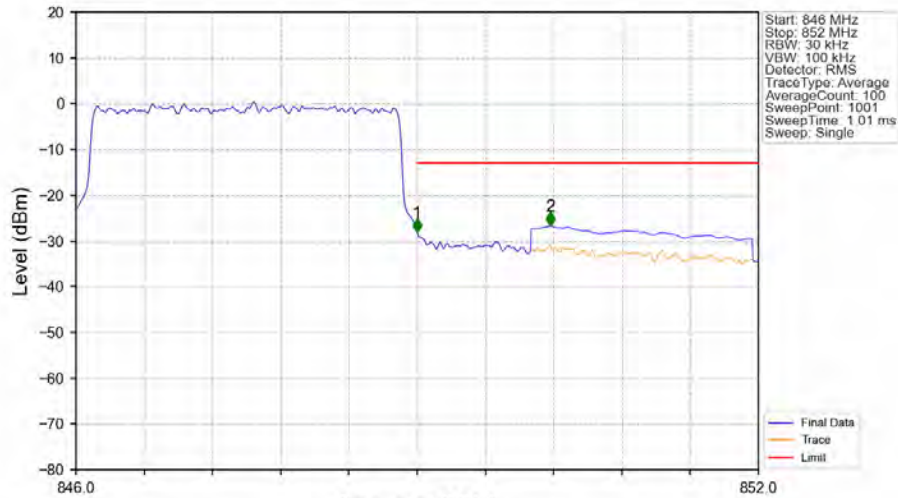
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	1	849.000	-28.17	-13	Pass
849	850	0.03	/	2	850.170	-26.74	-13	Pass
850	852	0.1	CHP					

CA_5B_SISO_NTNV_CC1:5 CC2:3MHz_CC1:QPSK CC2:QPSK_CC1:843.6 CC2:847.5MHz_CC1: 25@0 CC2: 15@0



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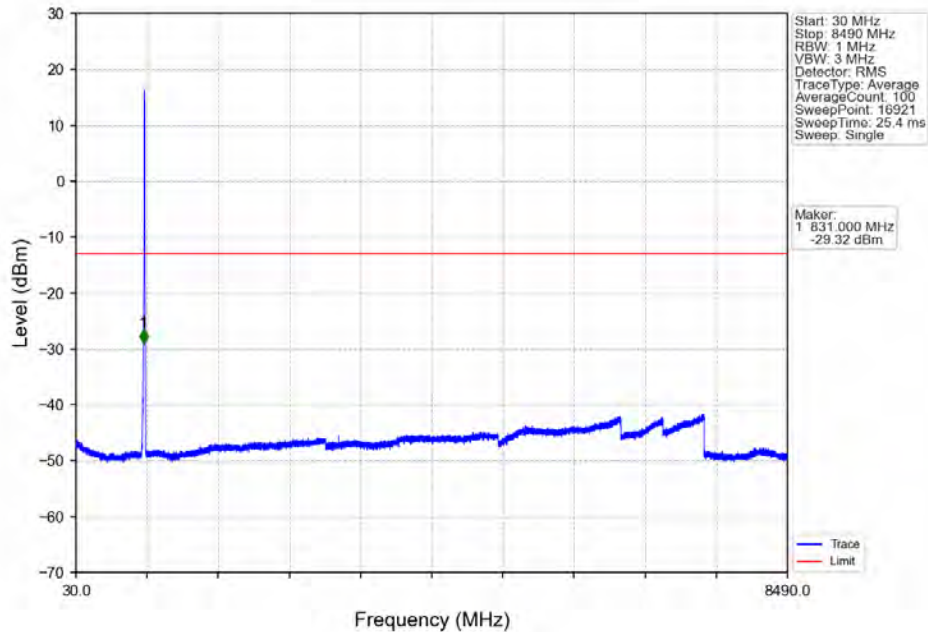
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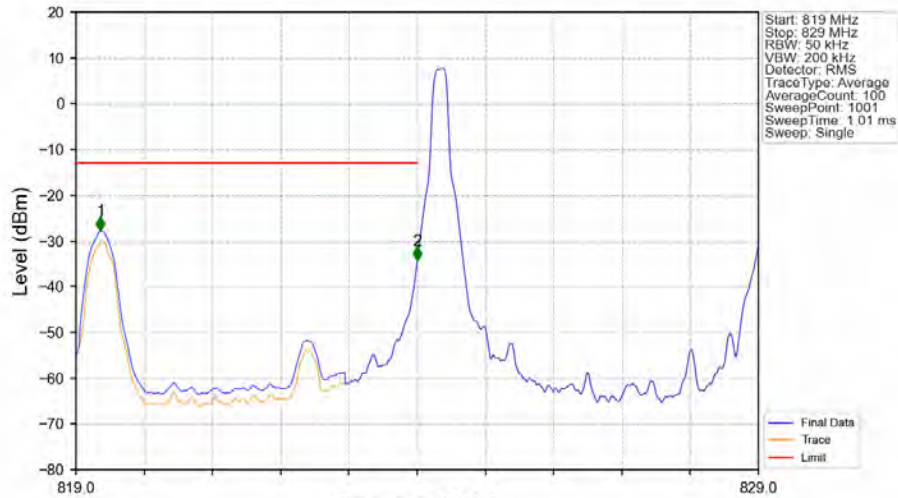
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	819.360	-27.85	-13	Pass
823	824	0.05	/	2	824.000	-34.36	-13	Pass
824	829	0.05	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:5_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:826.5_CC2:833.7MHz_CC1: 1@0_CC2: 1@0



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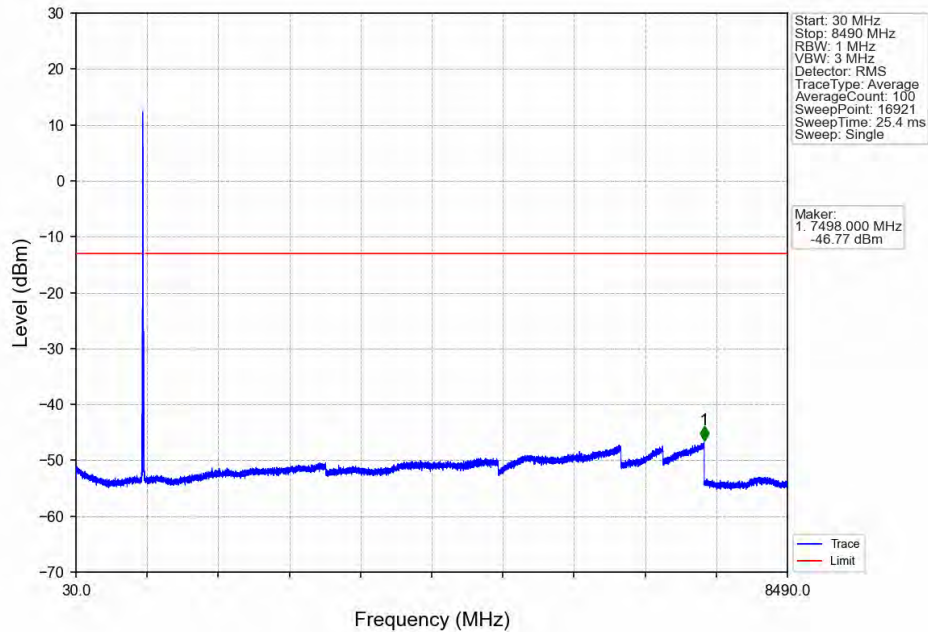
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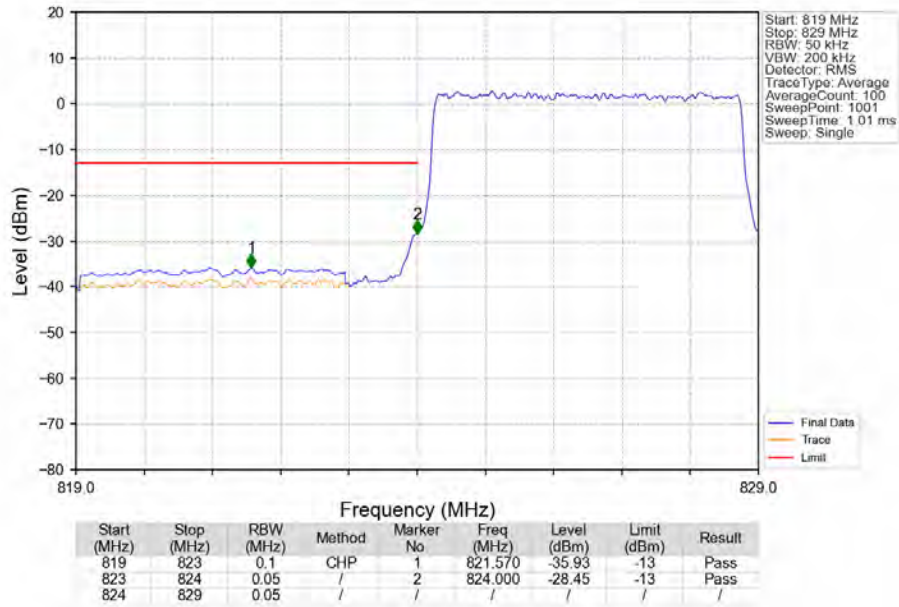
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CA_5B_SISO_NTNV_CC1:5_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:826.5_CC2:833.7MHz_CC1: 25@0_CC2: 50@0



CA_5B_SISO_NTNV_CC1:5_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:826.5_CC2:833.7MHz_CC1: 25@0_CC2: 50@0



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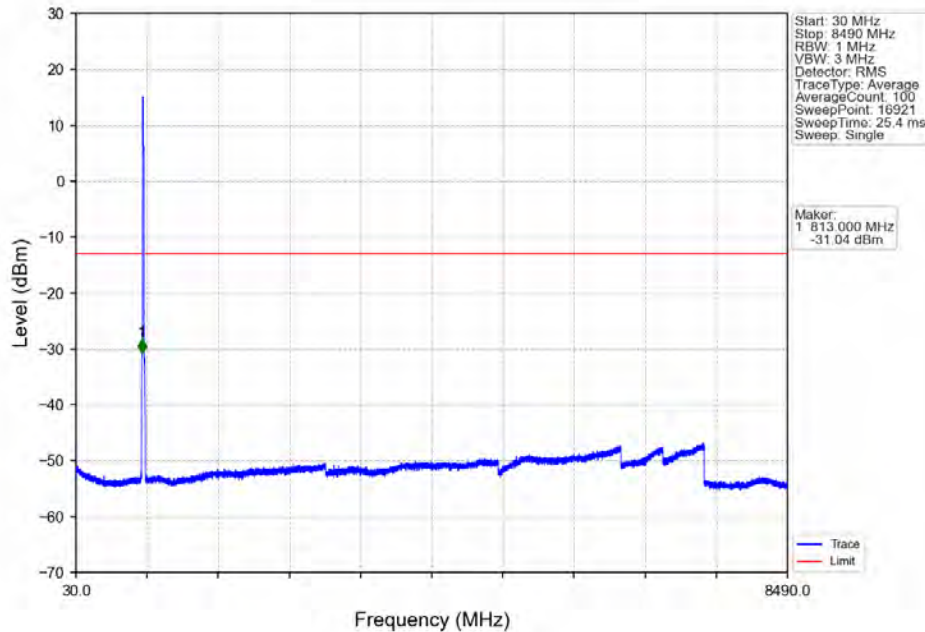
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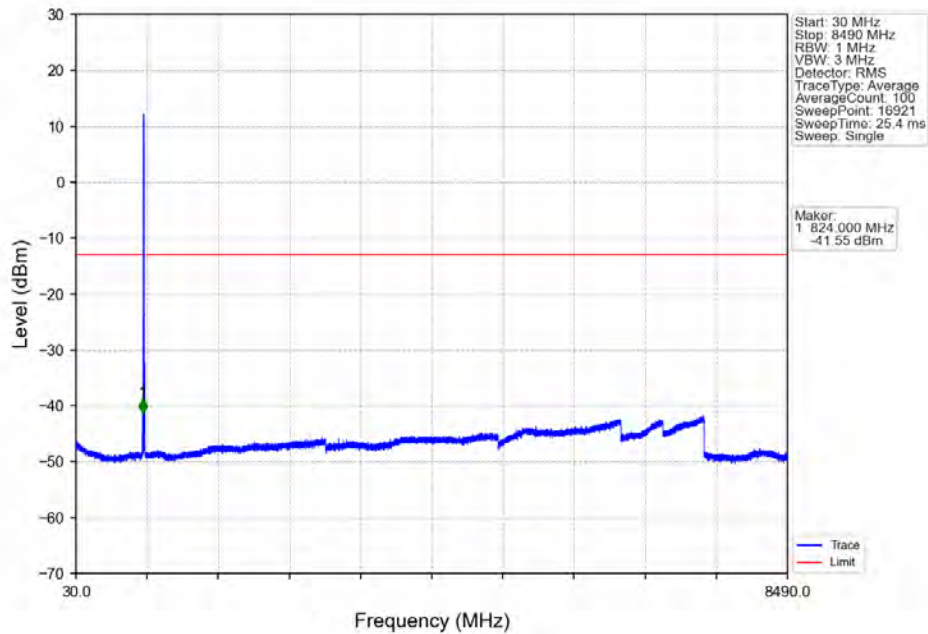
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CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:836.8 CC2:844MHz_CC1: 1@0 CC2: 1@0



CA_5B_SISO_NTNV_CC1:5 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:836.8 CC2:844MHz_CC1: 1@24 CC2: 1@49



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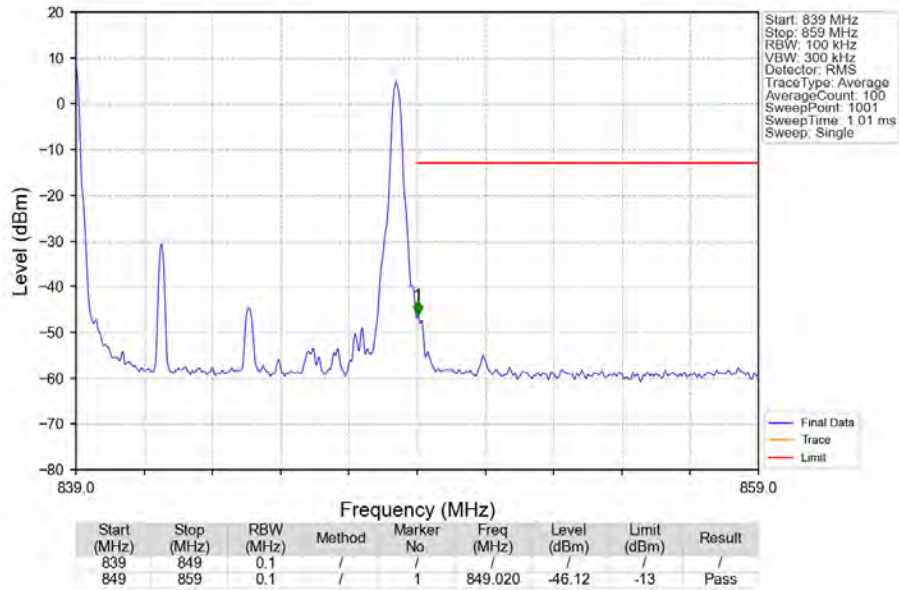
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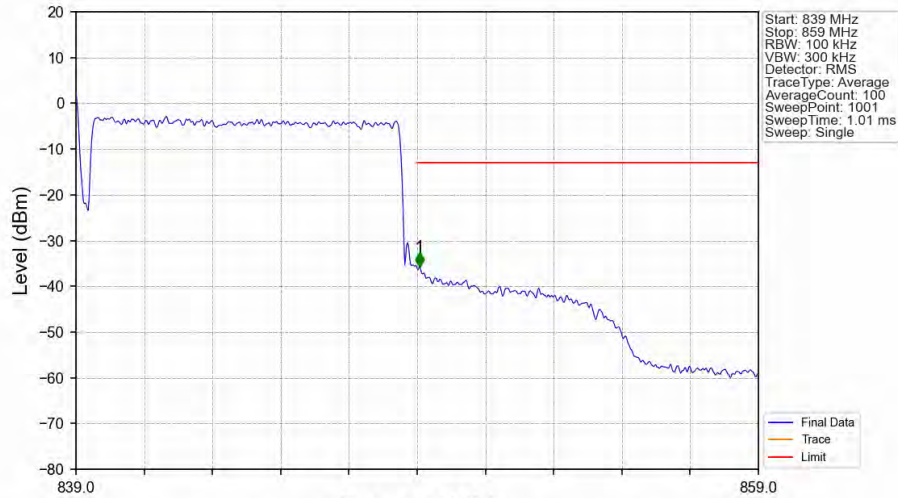
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.060	-35.78	-13	Pass

CA_5B_SISO_NTNV_CC1:5_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:836.8_CC2:844MHz_CC1: 25@0 CC2: 50@0



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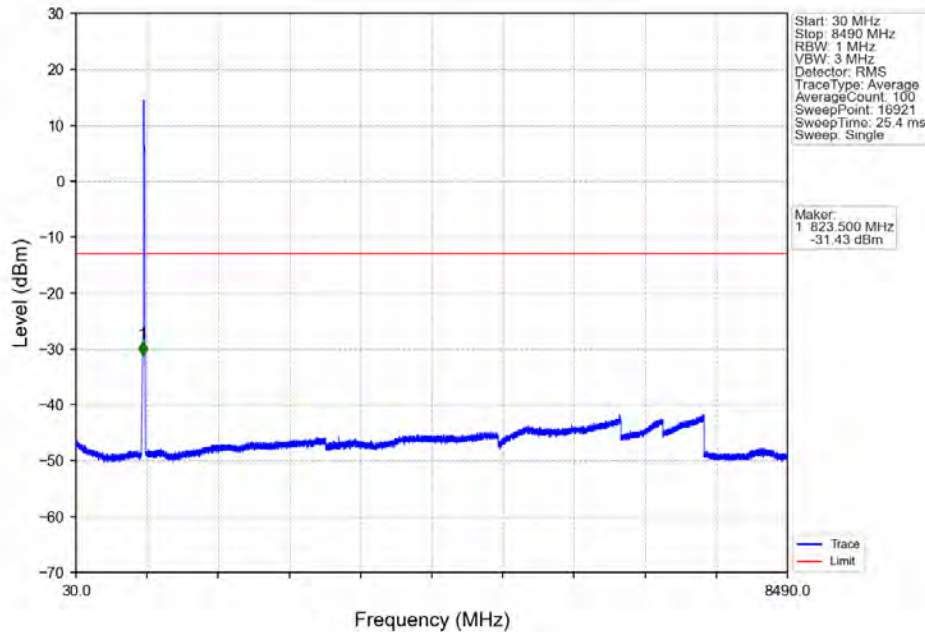
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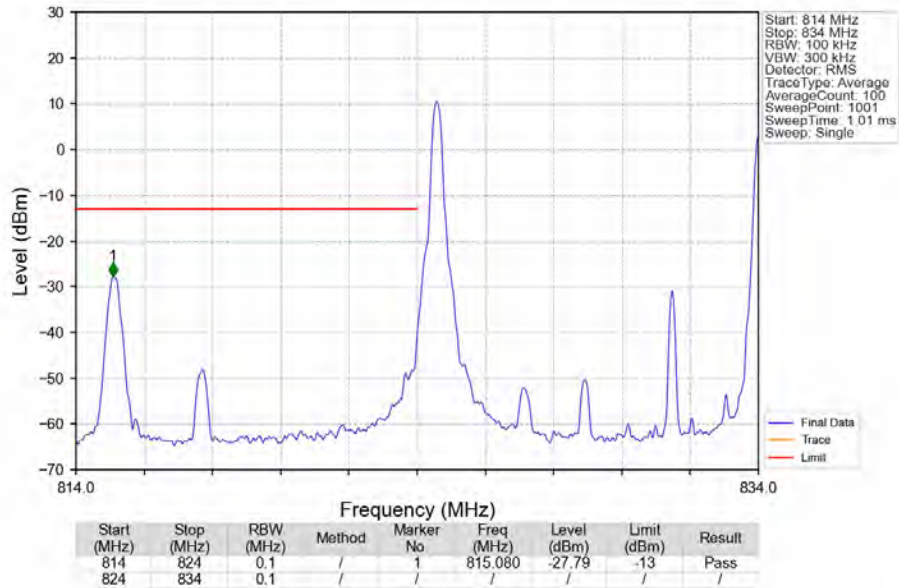
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CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:836.2MHz_CC1: 1@0 CC2: 1@0



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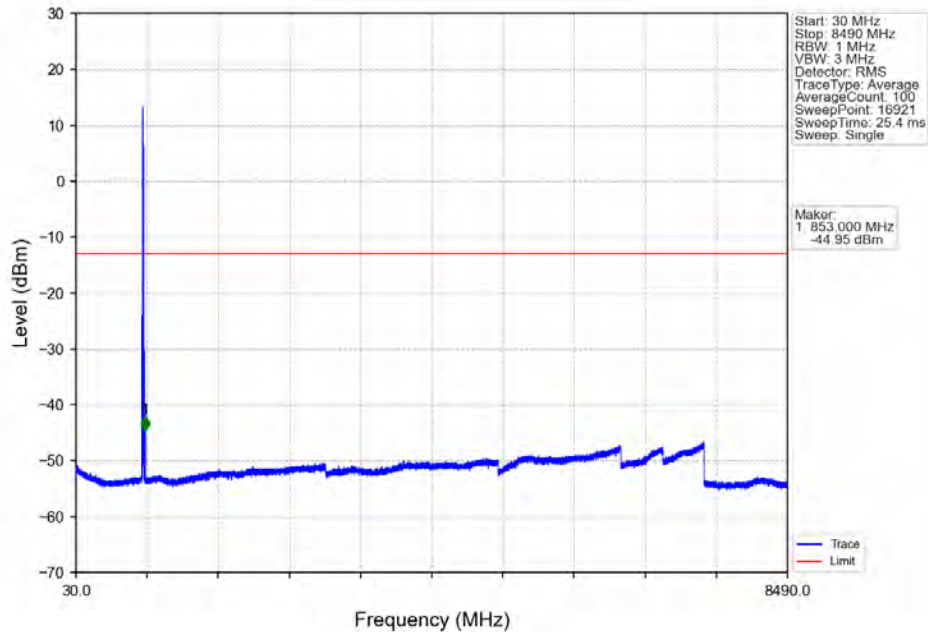
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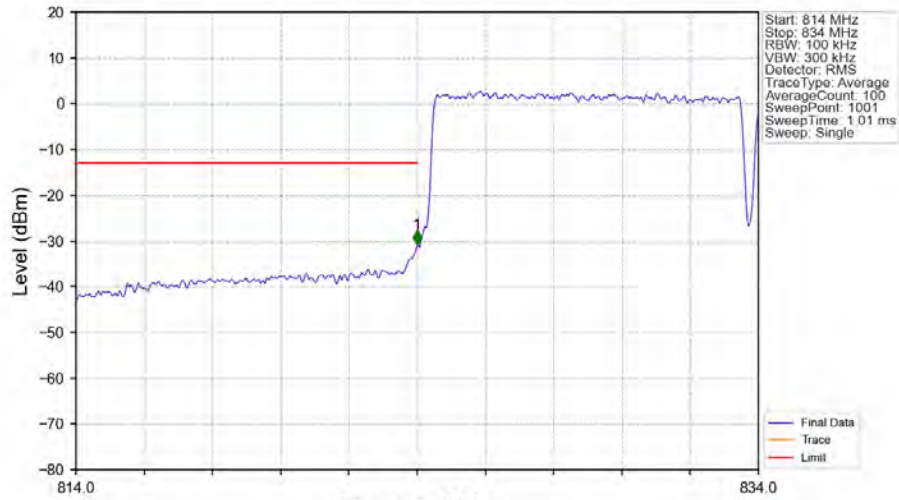
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CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-30.87	-13	Pass
824	834	0.1	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:10 CC2:5MHz_CC1:QPSK CC2:QPSK_CC1:829 CC2:836.2MHz_CC1: 50@0 CC2: 25@0



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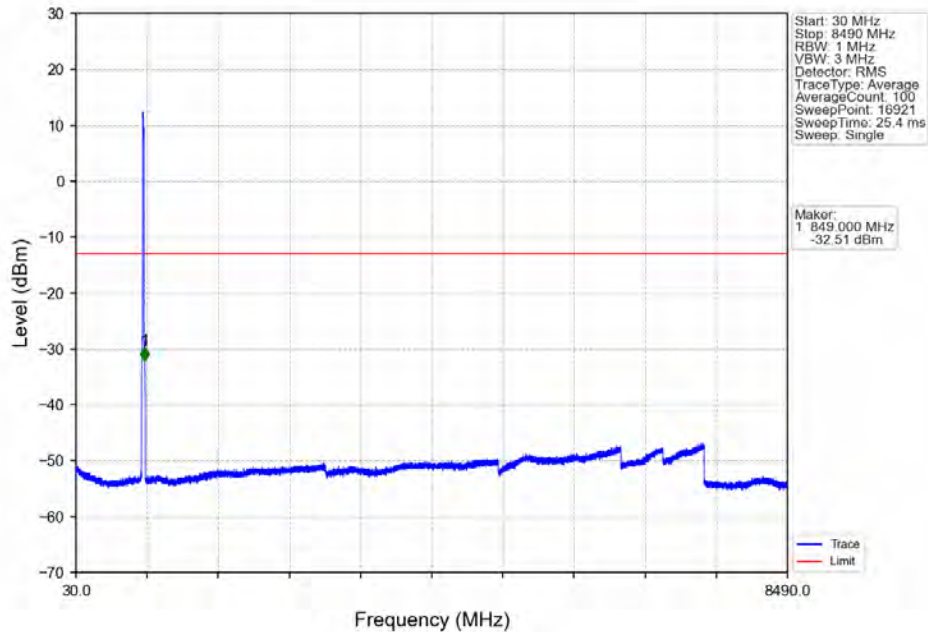
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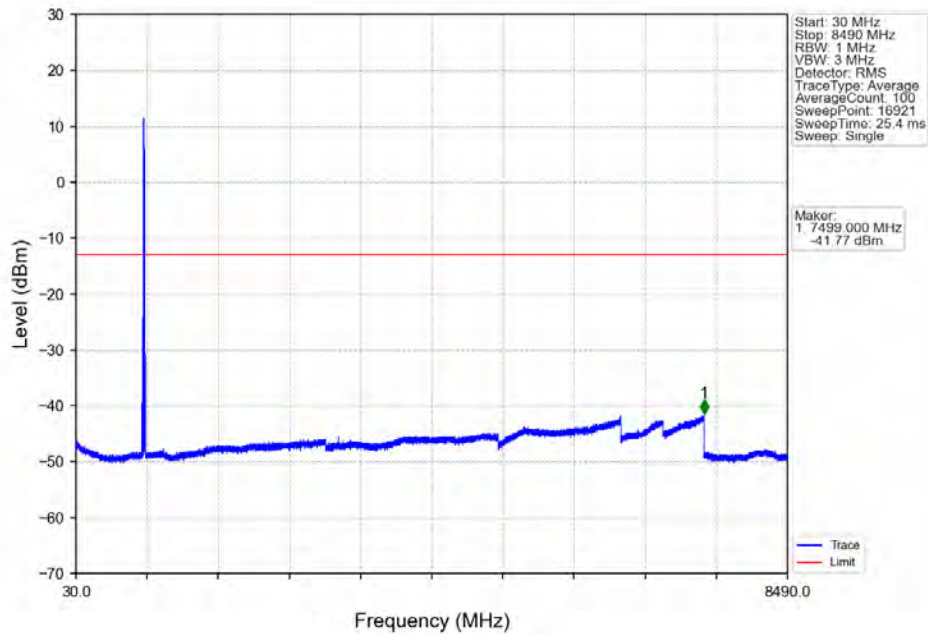
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CA_5B_SISO_NTNV_CC1:10_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:839.3_CC2:846.5MHz_CC1: 1@0_CC2: 1@0



CA_5B_SISO_NTNV_CC1:10_CC2:5MHz_CC1:QPSK_CC2:QPSK_CC1:839.3_CC2:846.5MHz_CC1: 1@49_CC2: 1@24



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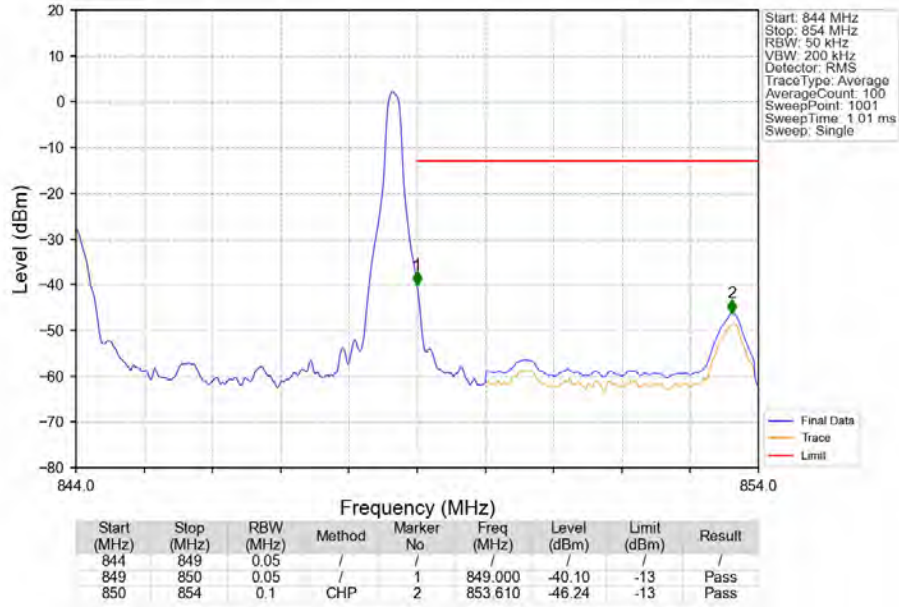
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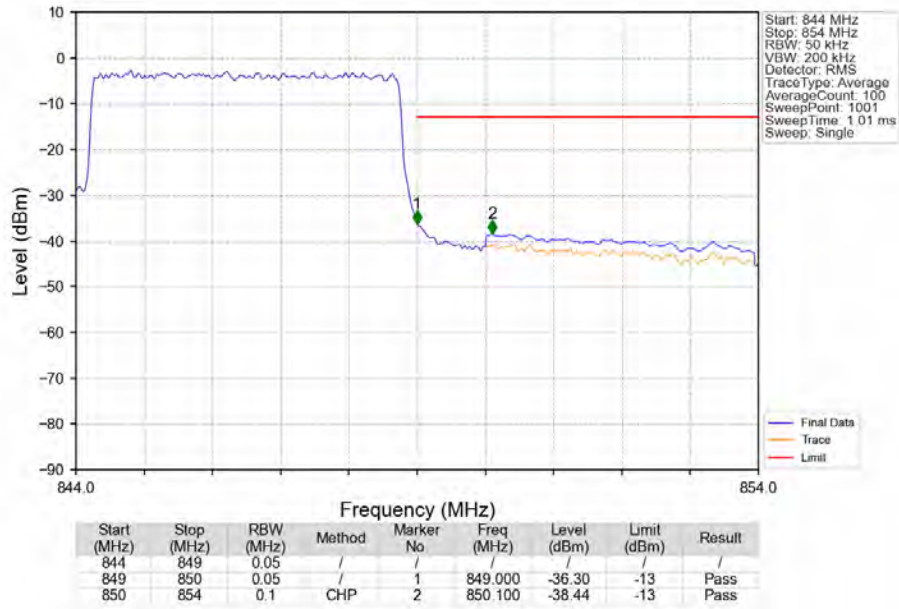
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CA 5B SISO NTN_V CC1:10 CC2:5MHz CC1:QPSK CC2:QPSK CC1:839.3 CC2:846.5MHz CC1: 50@0 CC2: 25@0



CA 5B SISO NTN_V CC1:10 CC2:5MHz CC1:QPSK CC2:QPSK CC1:839.3 CC2:846.5MHz CC1: 50@0 CC2: 25@0



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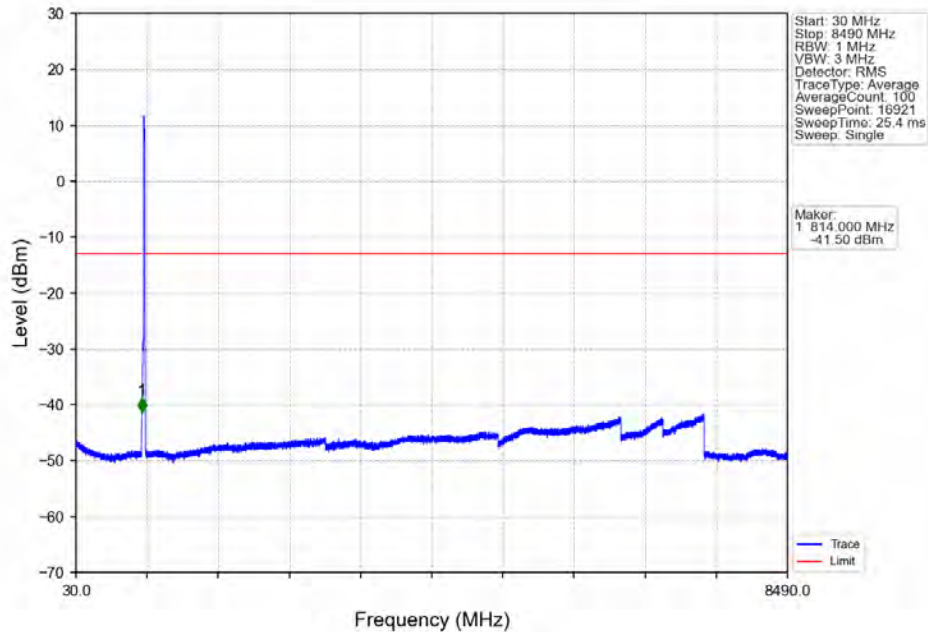
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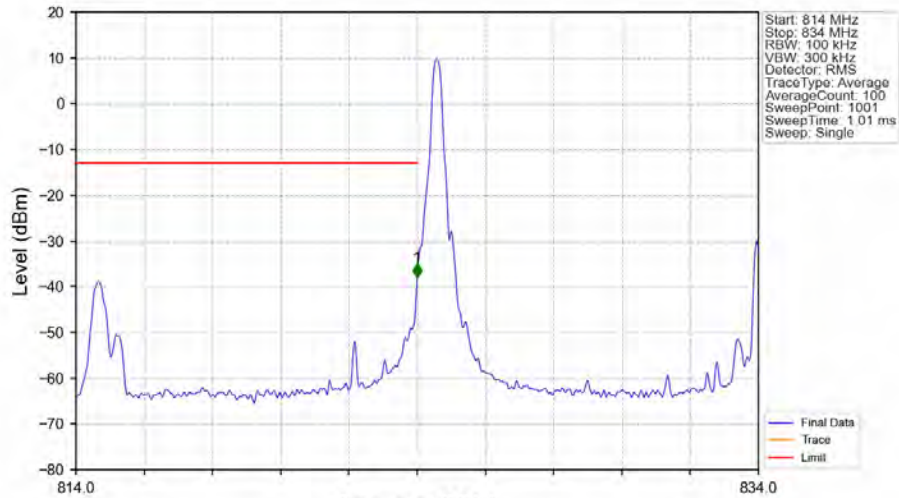
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:829_CC2:838.9MHz_CC1: 1@0_CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-36.06	-13	Pass
824	834	0.1	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:829_CC2:838.9MHz_CC1: 1@0_CC2: 1@0



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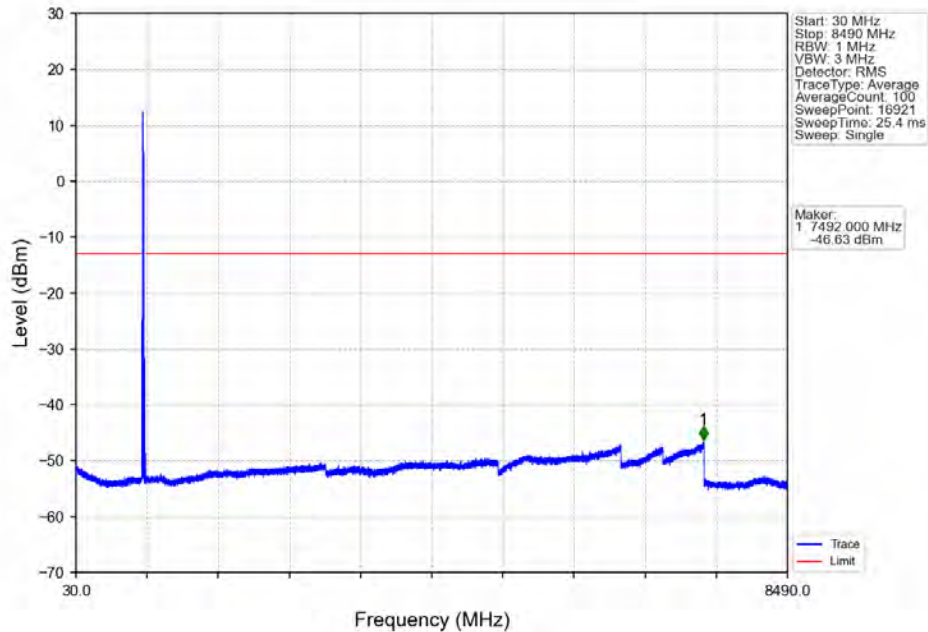
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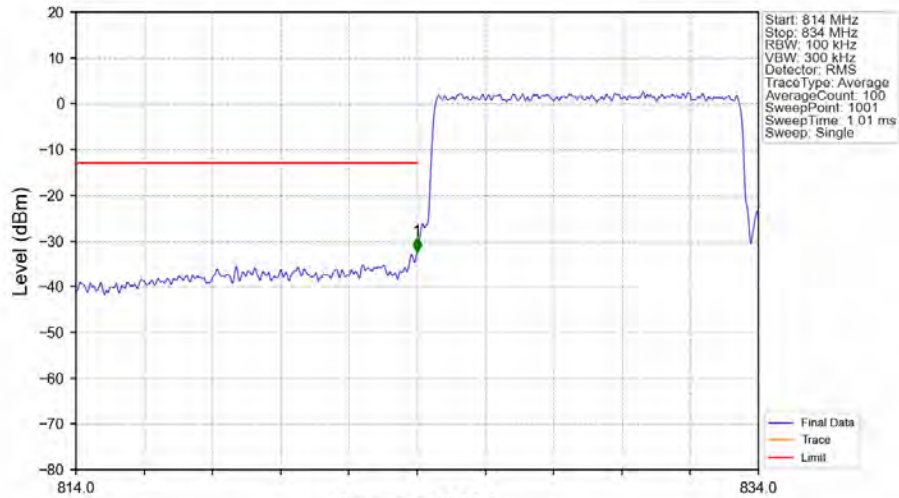
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:829_CC2:838.9MHz_CC1: 50@0_CC2: 50@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	824.000	-32.29	-13	Pass
824	834	0.1	/	/	/	/	/	/

CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:829_CC2:838.9MHz_CC1: 50@0_CC2: 50@0



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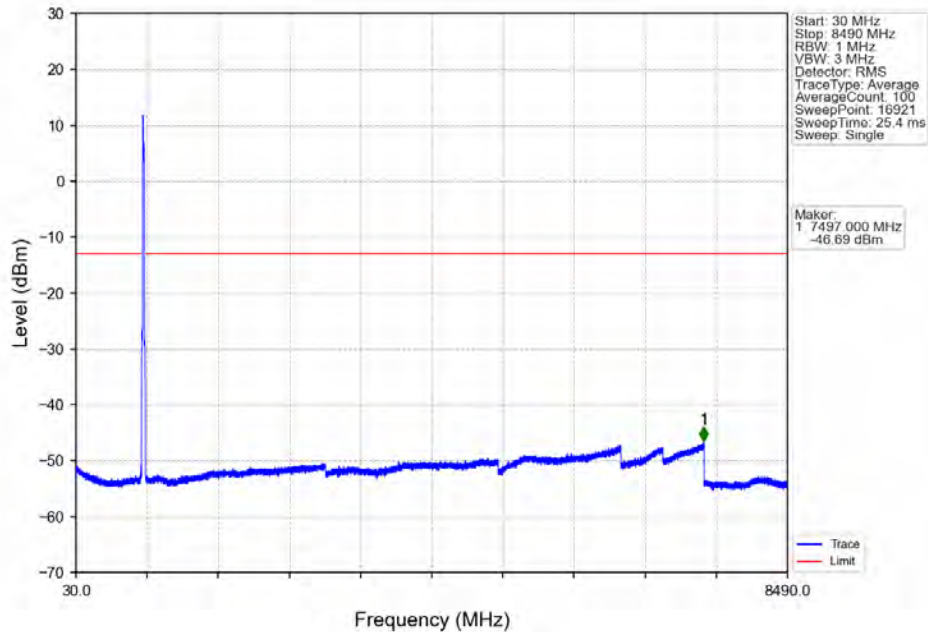
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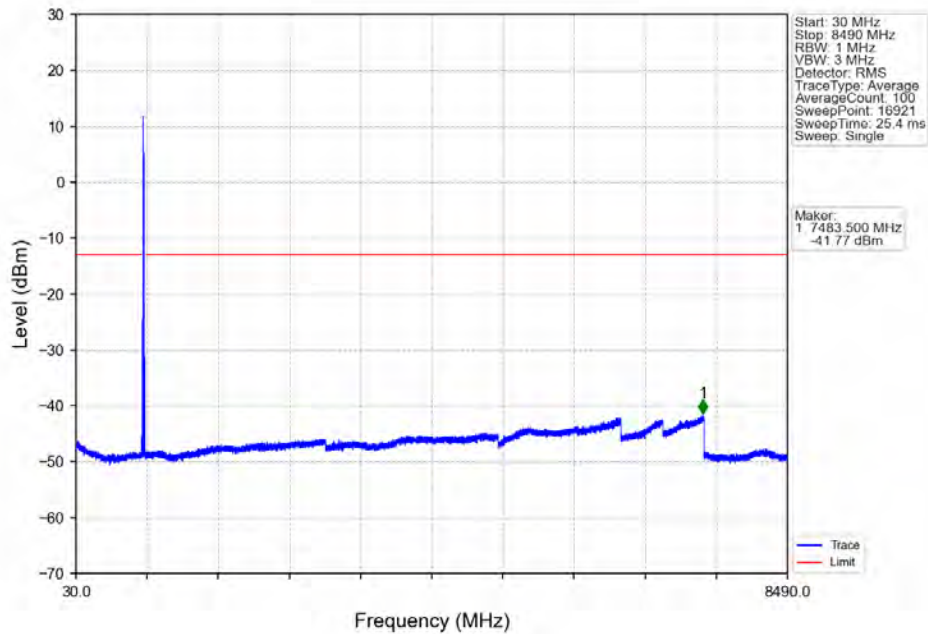
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CA_5B_SISO_NTNV_CC1:10_CC2:10MHz_CC1:QPSK_CC2:QPSK_CC1:834.1_CC2:844MHz_CC1: 1@0_CC2: 1@0



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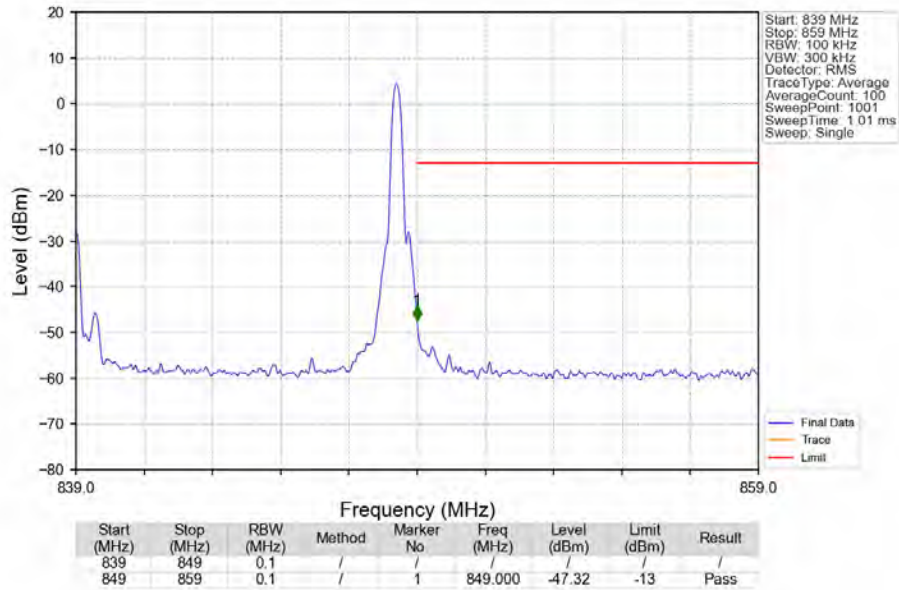
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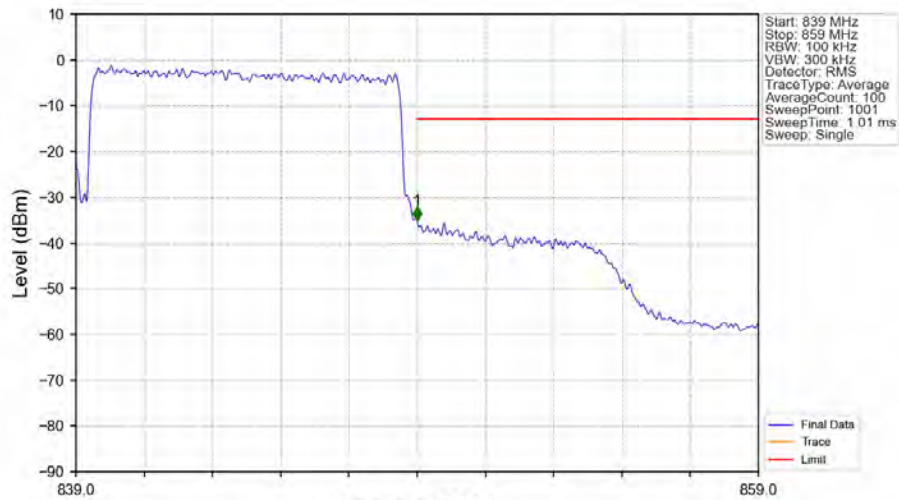
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CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	1	849.000	-35.21	-13	Pass

CA_5B_SISO_NTNV_CC1:10 CC2:10MHz_CC1:QPSK CC2:QPSK_CC1:834.1 CC2:844MHz_CC1: 50@0 CC2: 50@0



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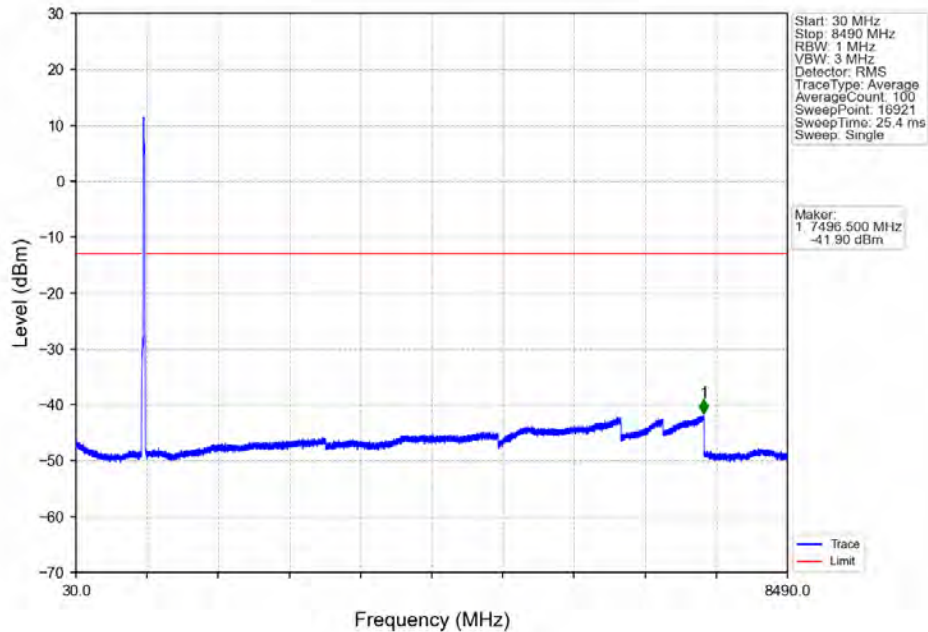
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4. Field Strength of Spurious Radiation

Test Band = LTE Band5B_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1372	46.45	-48.04	25.19	-71.66	-13.00	58.66	Horizontal
2	2044	46.43	-47.82	26.29	-70.36	-13.00	57.36	Horizontal
3	2678.8571	46.13	-47.02	27.52	-68.63	-13.00	55.63	Horizontal
4	3598.8571	45.17	-46.34	28.76	-67.67	-13.00	54.67	Horizontal
5	5443.4286	45.36	-45.04	32.20	-62.75	-13.00	49.75	Horizontal
6	7697.7143	43.62	-43.34	36.68	-58.30	-13.00	45.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1272	46.81	-48.25	25.14	-71.57	-13.00	58.57	Vertical
2	1558.8571	46.44	-48.30	25.36	-71.76	-13.00	58.76	Vertical
3	2350.2857	46.56	-47.47	26.90	-69.27	-13.00	56.27	Vertical
4	3547.4286	45.39	-46.45	28.68	-67.64	-13.00	54.64	Vertical
5	4442.2857	44.74	-45.77	30.46	-65.83	-13.00	52.83	Vertical
6	6035.4286	45.16	-44.52	32.52	-62.10	-13.00	49.10	Vertical



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Test Band = LTE Band5B_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1264	47.19	-48.29	25.13	-71.23	-13.00	58.23	Horizontal
2	1724.5714	46.31	-48.11	25.52	-71.53	-13.00	58.53	Horizontal
3	2076	46.31	-47.76	26.35	-70.35	-13.00	57.35	Horizontal
4	2710.2857	46.05	-47.04	27.58	-68.67	-13.00	55.67	Horizontal
5	3439.4286	45.29	-46.54	28.54	-67.97	-13.00	54.97	Horizontal
6	4861.7143	44.35	-45.60	31.18	-65.33	-13.00	52.33	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1524.5714	46.22	-48.31	25.32	-72.03	-13.00	59.03	Vertical
2	1937.7143	46.61	-47.99	26.01	-70.63	-13.00	57.63	Vertical
3	2801.7143	45.66	-46.91	27.74	-68.77	-13.00	55.77	Vertical
4	3194.8571	44.98	-46.31	28.29	-68.30	-13.00	55.30	Vertical
5	4445.7143	44.56	-45.76	30.47	-65.99	-13.00	52.99	Vertical
6	5414.2857	45.15	-44.99	32.15	-62.96	-13.00	49.96	Vertical



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Test Band = LTE Band5B_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1480	46.69	-48.26	25.28	-71.55	-13.00	58.55	Horizontal
2	2041.7143	46.36	-47.82	26.28	-70.44	-13.00	57.44	Horizontal
3	2544.5714	46.02	-47.12	27.28	-69.08	-13.00	56.08	Horizontal
4	2937.1429	46.60	-46.55	27.99	-67.22	-13.00	54.22	Horizontal
5	3981.7143	44.59	-46.21	29.37	-67.50	-13.00	54.50	Horizontal
6	4428.5714	44.85	-45.81	30.43	-65.79	-13.00	52.79	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1336.5714	46.27	-48.08	25.17	-71.90	-13.00	58.90	Vertical
2	1590.2857	46.23	-48.28	25.39	-71.92	-13.00	58.92	Vertical
3	2208	46.63	-47.67	26.62	-69.68	-13.00	56.68	Vertical
4	2673.7143	46.09	-47.02	27.51	-68.68	-13.00	55.68	Vertical
5	3200.5714	45.29	-46.29	28.30	-67.96	-13.00	54.96	Vertical
6	3738.2857	44.46	-46.15	28.98	-67.97	-13.00	54.97	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

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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