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Appendix B.31

LTE CA_66C



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	1RB#0-0RB#0	23.55	25.02	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	1RB#0-0RB#0	22.71	24.18	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	1RB#0-0RB#0	21.88	23.35	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	1RB#0-0RB#0	18.72	20.19	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	22.43	23.9	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	21.39	22.86	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	21.35	22.82	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	19.47	20.94	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	1RB#0-0RB#0	23.43	24.9	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	1RB#0-0RB#0	22.63	24.1	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	1RB#0-0RB#0	21.75	23.22	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	1RB#0-0RB#0	18.61	20.08	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	22.29	23.76	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	21.28	22.75	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	21.35	22.82	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	19.34	20.81	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	1RB#0-0RB#0	23.57	25.04	30	PASS



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66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	1RB#0-0RB#0	22.54	24.01	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	1RB#0-0RB#0	21.92	23.39	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	1RB#0-0RB#0	18.73	20.2	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	22.29	23.76	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	21.38	22.85	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	21.28	22.75	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	19.34	20.81	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	23.39	24.86	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	22.53	24	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	21.75	23.22	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	18.73	20.2	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	22.71	24.18	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	21.37	22.84	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	21.38	22.85	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	19.39	20.86	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	23.49	24.96	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	22.68	24.15	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	21.77	23.24	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	1RB#0-0RB#0	18.72	20.19	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	22.27	23.74	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	21.37	22.84	30	PASS



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66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	21.39	22.86	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	19.22	20.69	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	1RB#0-0RB#0	23.35	24.82	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	1RB#0-0RB#0	22.66	24.13	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	1RB#0-0RB#0	21.48	22.95	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	1RB#0-0RB#0	18.7	20.17	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	22.29	23.76	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	21.32	22.79	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	21.3	22.77	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	19.32	20.79	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	23.5	24.97	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	22.48	23.95	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	21.95	23.42	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	18.7	20.17	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	22.67	24.14	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	21.48	22.95	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	21.24	22.71	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	19.34	20.81	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	23.5	24.97	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	22.51	23.98	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	21.7	23.17	30	PASS



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66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	18.71	20.18	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	22.19	23.66	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	21.42	22.89	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	21.21	22.68	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	19.42	20.89	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	23.34	24.81	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	22.73	24.2	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	21.99	23.46	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	18.56	20.03	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	22.4	23.87	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	21.39	22.86	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	21.29	22.76	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	19.33	20.8	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	23.65	25.12	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	22.66	24.13	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	21.91	23.38	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	18.74	20.21	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	22.32	23.79	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	21.36	22.83	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	20.78	22.25	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	19.41	20.88	30	PASS



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66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	23.34	24.81	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	22.47	23.94	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	21.75	23.22	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	1RB#0-0RB#0	18.64	20.11	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	22.35	23.82	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	21.37	22.84	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	21.37	22.84	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	19.33	20.8	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	23.37	24.84	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	22.51	23.98	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	21.86	23.33	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	1RB#0-0RB#0	18.61	20.08	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	22.31	23.78	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	21.38	22.85	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	21.35	22.82	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	19.38	20.85	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	1RB#0-0RB#0	23.43	24.9	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	1RB#0-0RB#0	22.45	23.92	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	1RB#0-0RB#0	21.74	23.21	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	1RB#0-0RB#0	18.7	20.17	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	23.57	25.04	30	PASS



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66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	21.42	22.89	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	21.43	22.9	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	19.45	20.92	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	1RB#0-0RB#0	23.37	24.84	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	1RB#0-0RB#0	22.43	23.9	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	1RB#0-0RB#0	21.57	23.04	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	1RB#0-0RB#0	18.67	20.14	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	22.35	23.82	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	21.33	22.8	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	21.34	22.81	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	19.29	20.76	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	1RB#0-0RB#0	23.32	24.79	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	1RB#0-0RB#0	22.63	24.1	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	1RB#0-0RB#0	21.61	23.08	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	1RB#0-0RB#0	18.56	20.03	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	22.35	23.82	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	21.28	22.75	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	21.32	22.79	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	19.32	20.79	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	23.41	24.88	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	22.6	24.07	30	PASS



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66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	22.16	23.63	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	18.69	20.16	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	22.32	23.79	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	21.42	22.89	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	21.26	22.73	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	19.54	21.01	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	23.44	24.91	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	22.56	24.03	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	21.68	23.15	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	18.52	19.99	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	22.21	23.68	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	21.05	22.52	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	21.25	22.72	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	19.23	20.7	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	23.48	24.95	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	22.5	23.97	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	21.93	23.4	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	18.49	19.96	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	22.33	23.8	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	21.21	22.68	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	21.43	22.9	30	PASS



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66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	19.39	20.86	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	23.55	25.02	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	22.58	24.05	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	21.97	23.44	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	18.72	20.19	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	22.35	23.82	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	21.47	22.94	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	21.49	22.96	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	19.32	20.79	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	23.47	24.94	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	22.47	23.94	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	21.68	23.15	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	18.68	20.15	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	22.2	23.67	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	21.25	22.72	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	21.46	22.93	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	19.26	20.73	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	23.51	24.98	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	22.66	24.13	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	21.95	23.42	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	18.73	20.2	30	PASS



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66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	22.44	23.91	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	21.51	22.98	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	21.17	22.64	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	19.44	20.91	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	1RB#0-0RB#0	23.38	24.85	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	1RB#0-0RB#0	22.68	24.15	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	1RB#0-0RB#0	21.73	23.2	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	1RB#0-0RB#0	18.7	20.17	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	22.42	23.89	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	21.45	22.92	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	21.43	22.9	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	19.37	20.84	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	1RB#0-0RB#0	23.34	24.81	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	1RB#0-0RB#0	22.57	24.04	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	1RB#0-0RB#0	21.67	23.14	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	1RB#0-0RB#0	18.63	20.1	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	22.36	23.83	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	21.35	22.82	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	21.38	22.85	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	19.36	20.83	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	1RB#0-0RB#0	23.31	24.78	30	PASS



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66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	1RB#0-0RB#0	22.68	24.15	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	1RB#0-0RB#0	21.65	23.12	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	1RB#0-0RB#0	18.64	20.11	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	22.32	23.79	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	21.32	22.79	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	21.3	22.77	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	19.36	20.83	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	23.43	24.9	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	22.62	24.09	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	21.9	23.37	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	18.63	20.1	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	22.43	23.9	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	21.38	22.85	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	21.3	22.77	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	19.37	20.84	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	23.5	24.97	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	22.34	23.81	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	21.48	22.95	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	18.65	20.12	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	22.5	23.97	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	21.32	22.79	30	PASS



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66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	21.42	22.89	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	19.45	20.92	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	23.66	25.13	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	22.69	24.16	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	21.97	23.44	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	18.5	19.97	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	22.23	23.7	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	21.38	22.85	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	21.34	22.81	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	19.32	20.79	30	PASS



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2. 99% & 26dB Bandwidth

2.1 CA_66C_NTNV_OBW

2.1.1 Test Result

Band: CA_66C / NTN						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	99% Occupied Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:5 CC2:20	CC1: QPSK CC2: QPSK	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	22.96	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	22.69	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	22.84	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	22.75	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	22.86	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	22.70	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	22.88	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	22.86	/	Pass
CC1:10 CC2:15	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	23.08	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	23.11	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	23.12	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	23.24	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	23.07	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	23.16	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	23.11	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	23.24	/	Pass
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	28.16	/	Pass
		CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	28.06	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	28.11	/	Pass
		CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	28.07	/	Pass



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	CC1: 64QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	28.08	/	Pass
	CC2: 64QAM	CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	28.06	/	Pass
	CC1: 256QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	28.04	/	Pass
	CC2: 256QAM	CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	28.18	/	Pass
CC1:15 CC2:10	CC1: QPSK	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	23.11	/	Pass
	CC2: QPSK	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	23.22	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	23.11	/	Pass
	CC2: 16QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	23.20	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	23.14	/	Pass
	CC2: 64QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	23.22	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	23.20	/	Pass
	CC2: 256QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	23.20	/	Pass
CC1:15 CC2:15	CC1: QPSK	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	28.68	/	Pass
	CC2: QPSK	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	28.75	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	28.67	/	Pass
	CC2: 16QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	28.73	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	28.65	/	Pass
	CC2: 64QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	28.74	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	28.62	/	Pass
	CC2: 256QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	28.71	/	Pass
CC1:15 CC2:20	CC1: QPSK	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	32.92	/	Pass
	CC2: QPSK	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	33.00	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	32.90	/	Pass
	CC2: 16QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	32.92	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	32.95	/	Pass



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	CC2: 64QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	32.93	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	32.82	/	Pass
	CC2: 256QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	33.02	/	Pass
CC1:20 CC2:5	CC1: QPSK	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	22.96	/	Pass
	CC2: QPSK	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	22.75	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	22.86	/	Pass
	CC2: 16QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	22.78	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	22.92	/	Pass
	CC2: 64QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	22.68	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	22.93	/	Pass
	CC2: 256QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	22.80	/	Pass
CC1:20 CC2:10	CC1: QPSK	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	28.09	/	Pass
	CC2: QPSK	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	28.06	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	28.15	/	Pass
	CC2: 16QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	28.08	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	28.09	/	Pass
	CC2: 64QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	28.04	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	28.07	/	Pass
	CC2: 256QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	28.17	/	Pass
CC1:20 CC2:15	CC1: QPSK	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	32.99	/	Pass
	CC2: QPSK	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	33.02	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	32.94	/	Pass
	CC2: 16QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	32.95	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	32.91	/	Pass
	CC2: 64QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	32.95	/	Pass



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	CC1: 256QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	32.84	/	Pass
	CC2: 256QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	33.02	/	Pass
CC1:20 CC2:20	CC1: QPSK	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	37.78	/	Pass
	CC2: QPSK	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	37.85	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	37.73	/	Pass
	CC2: 16QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	37.77	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	37.72	/	Pass
	CC2: 64QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	37.85	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	37.62	/	Pass
	CC2: 256QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	37.69	/	Pass



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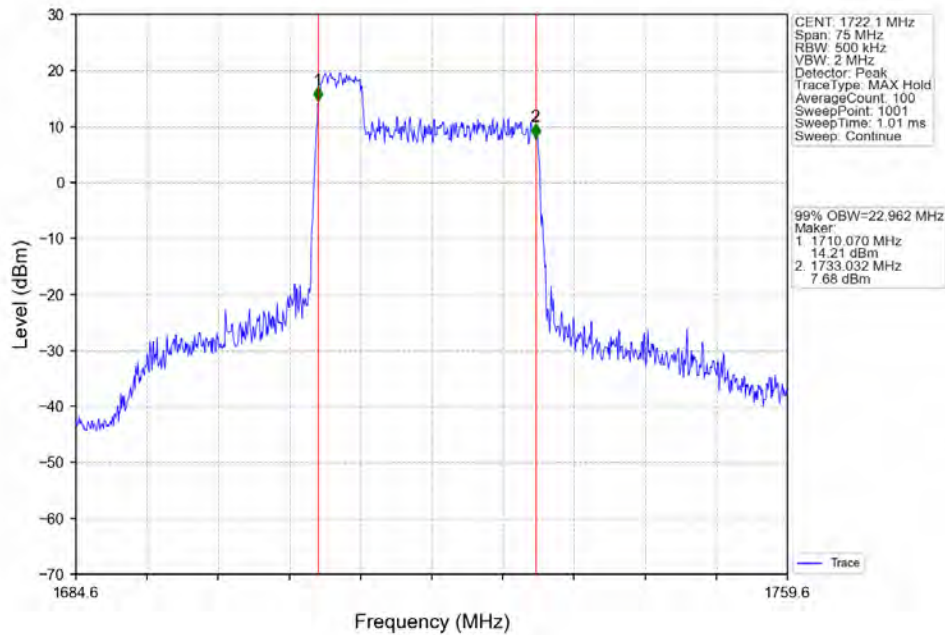
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2.1.2 Test Graph

CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 25@0 CC2: 100@0



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1758.3 CC2:1770MHz_CC1: 25@0 CC2: 100@0



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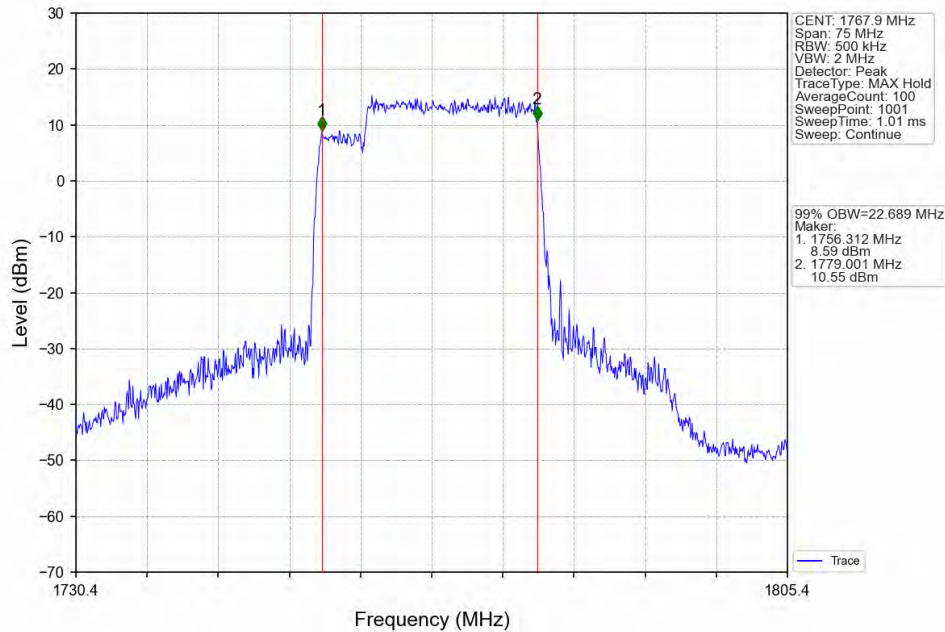
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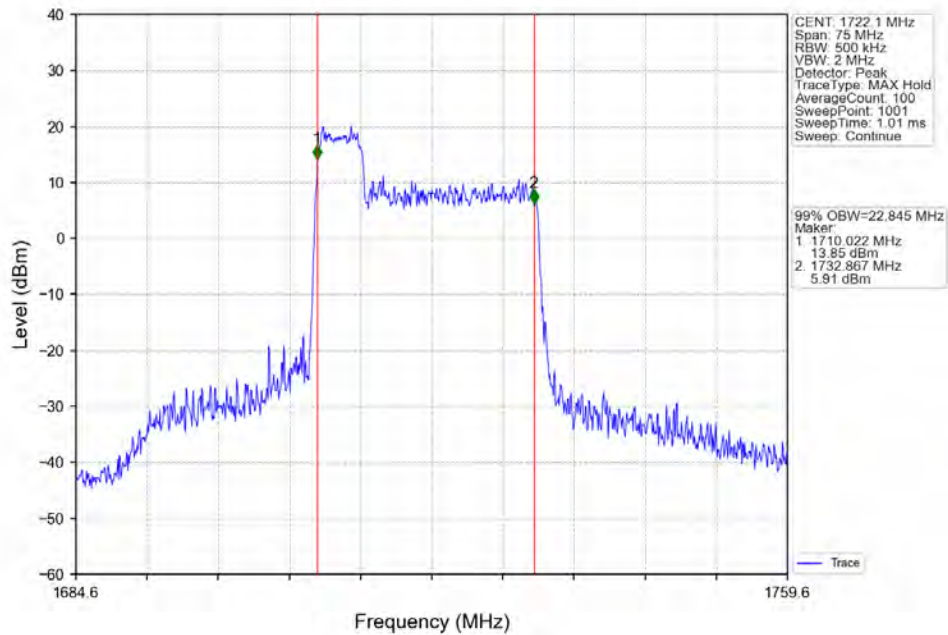
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CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:1712.5 CC2:1724.2MHz_CC1: 25@0 CC2: 100@0



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:1758.3 CC2:1770MHz_CC1: 25@0 CC2: 100@0



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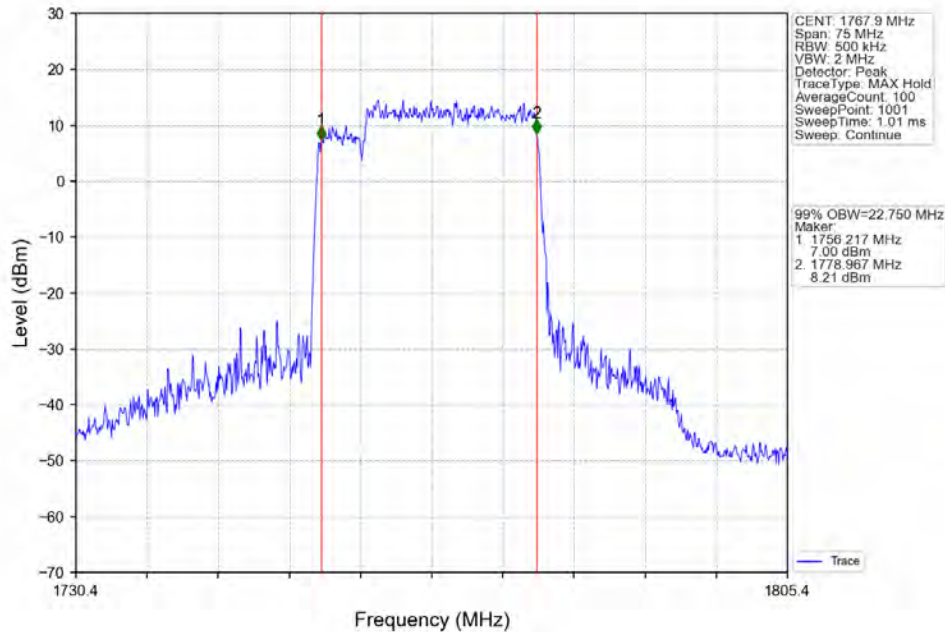
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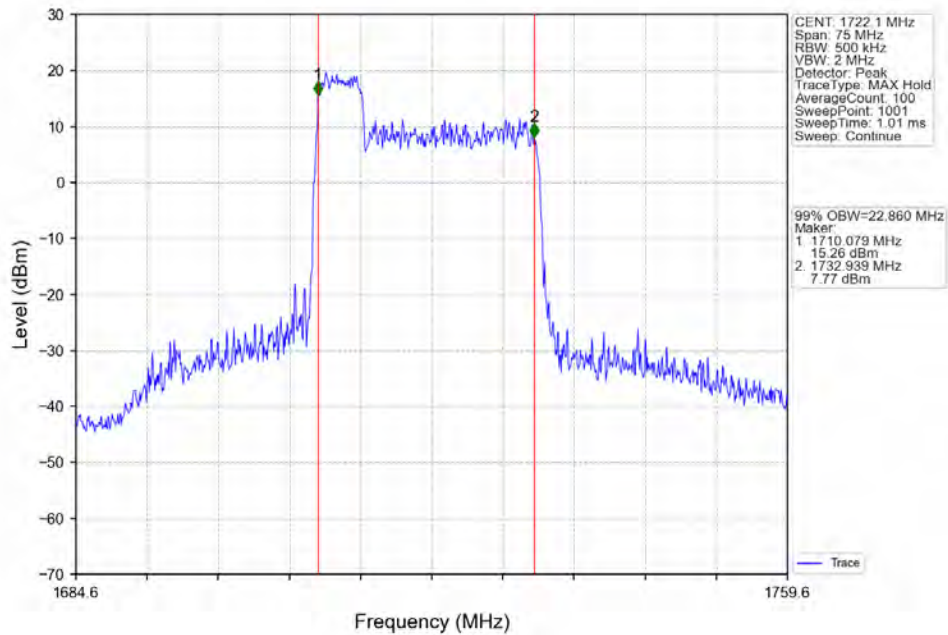
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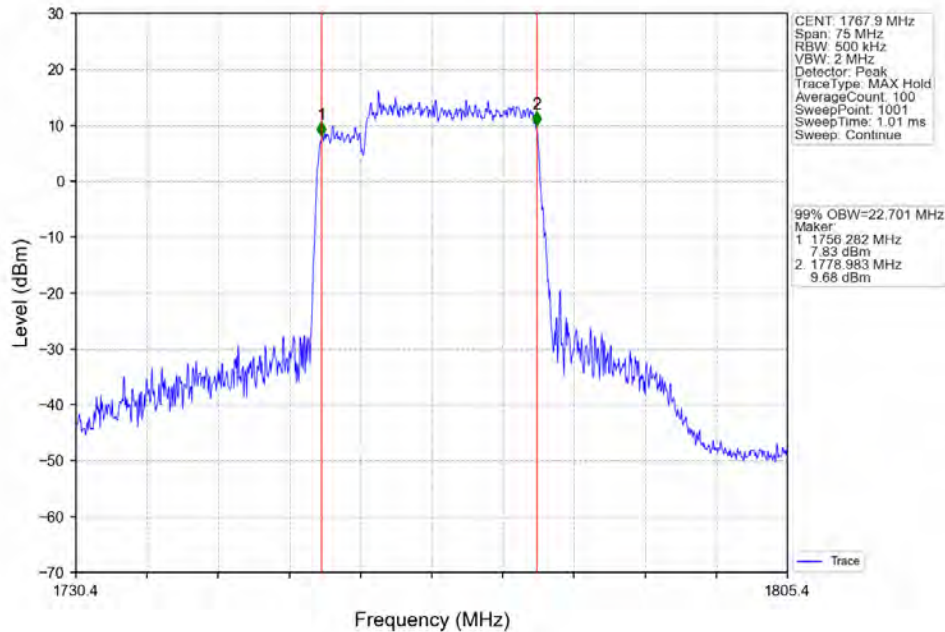
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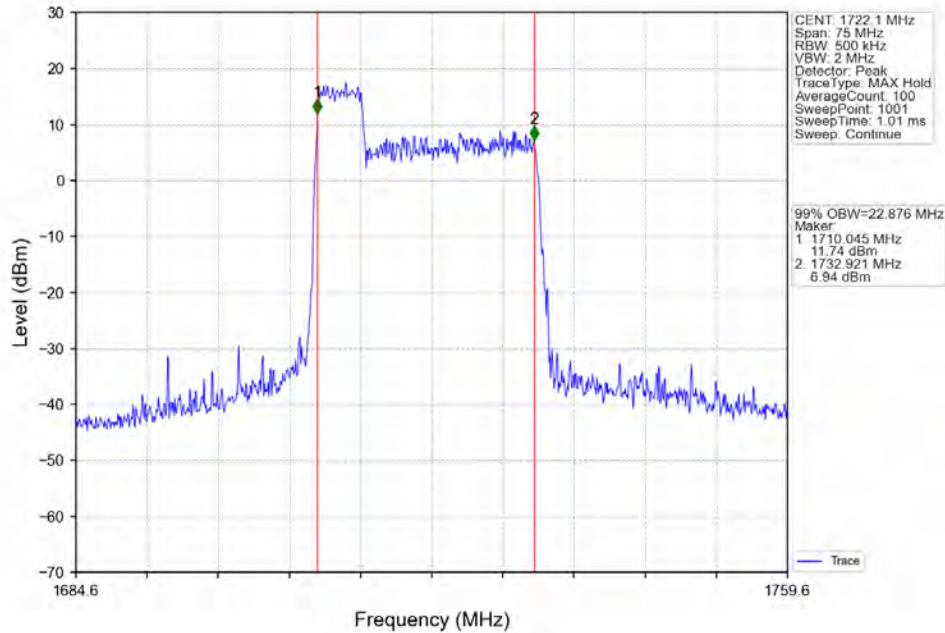
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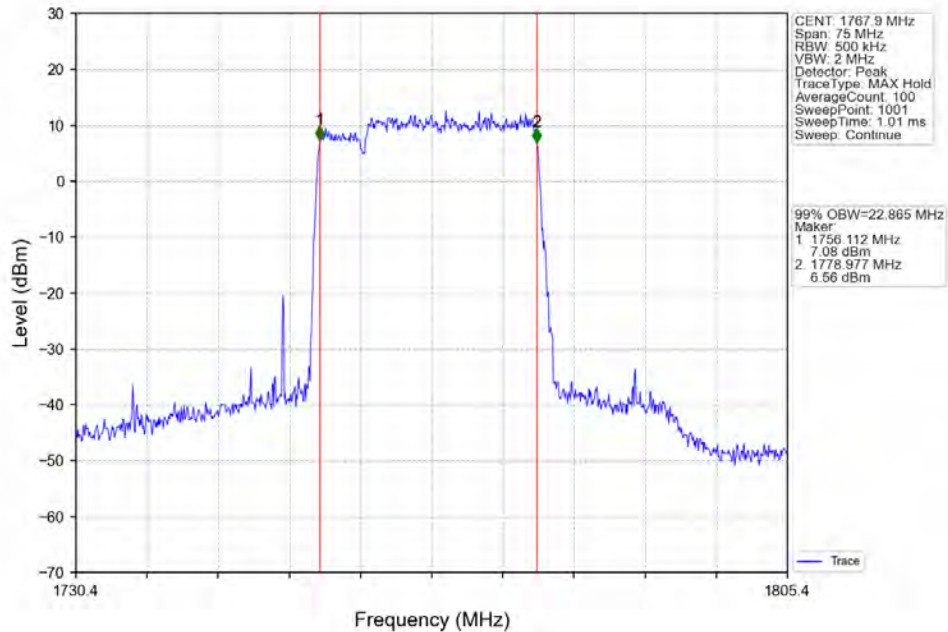
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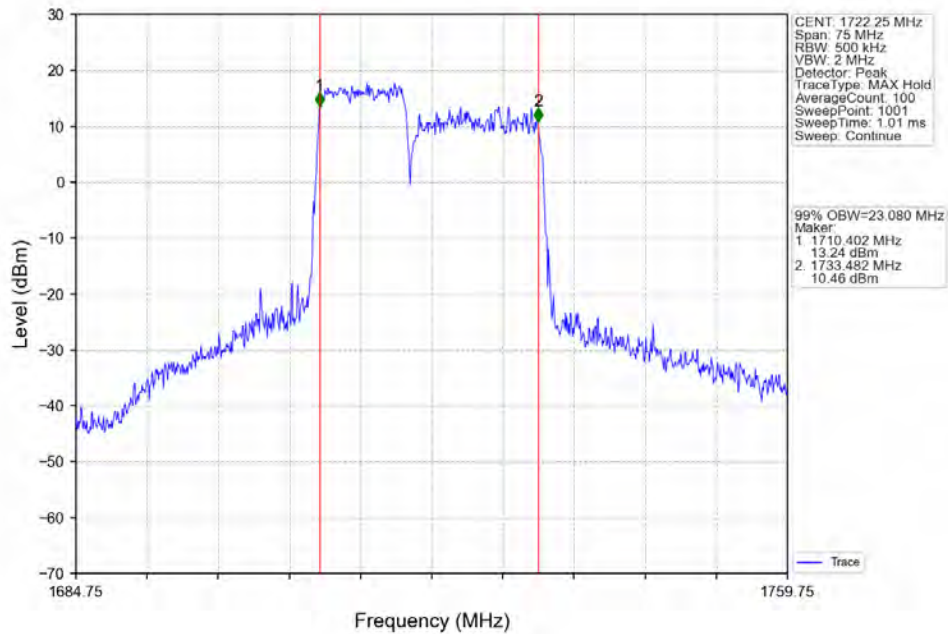
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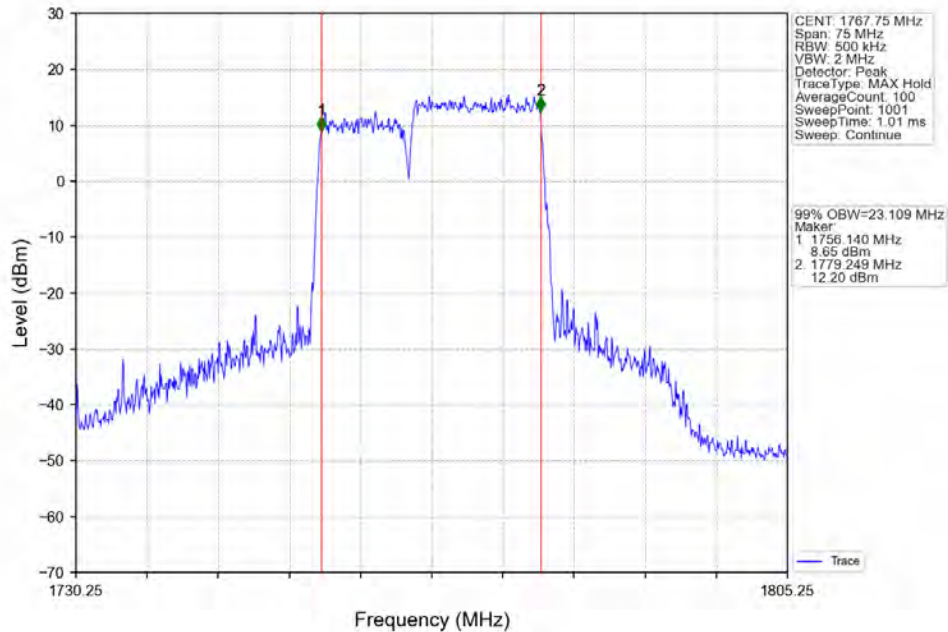
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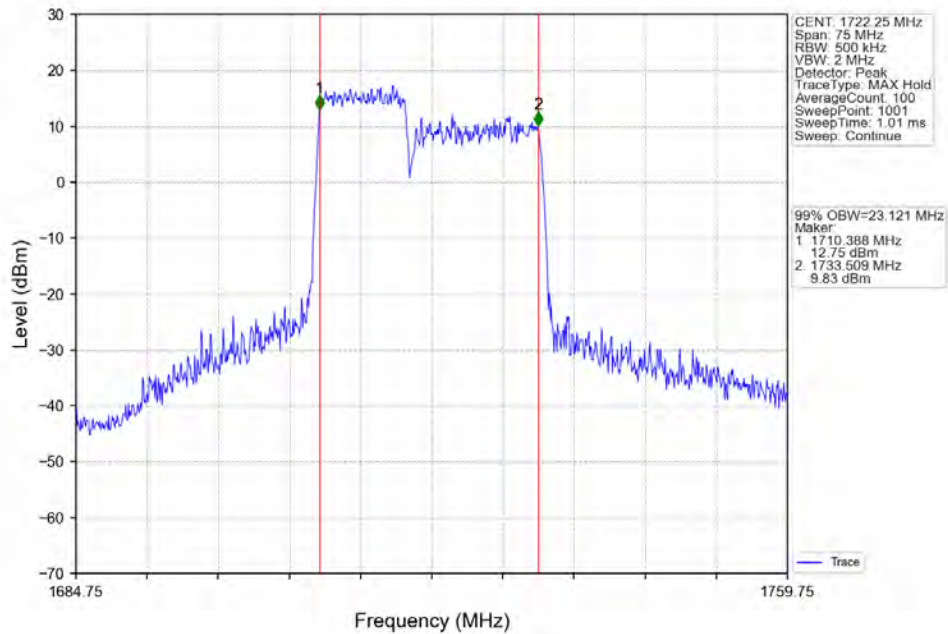
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CA_66C_SISO_NTNV_CC1:10 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:1760.5 CC2:1772.5MHz_CC1: 50@0 CC2: 75@0



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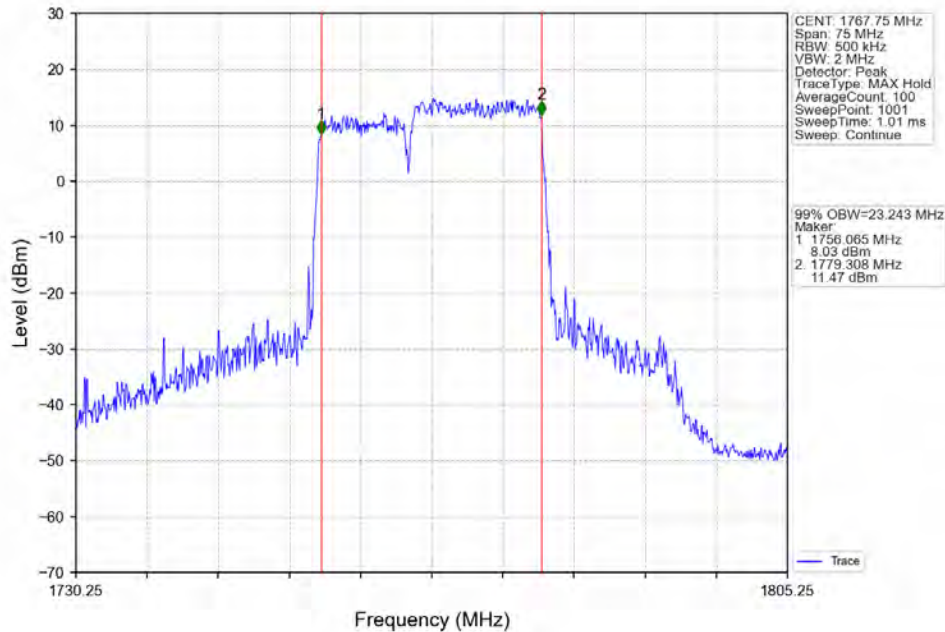
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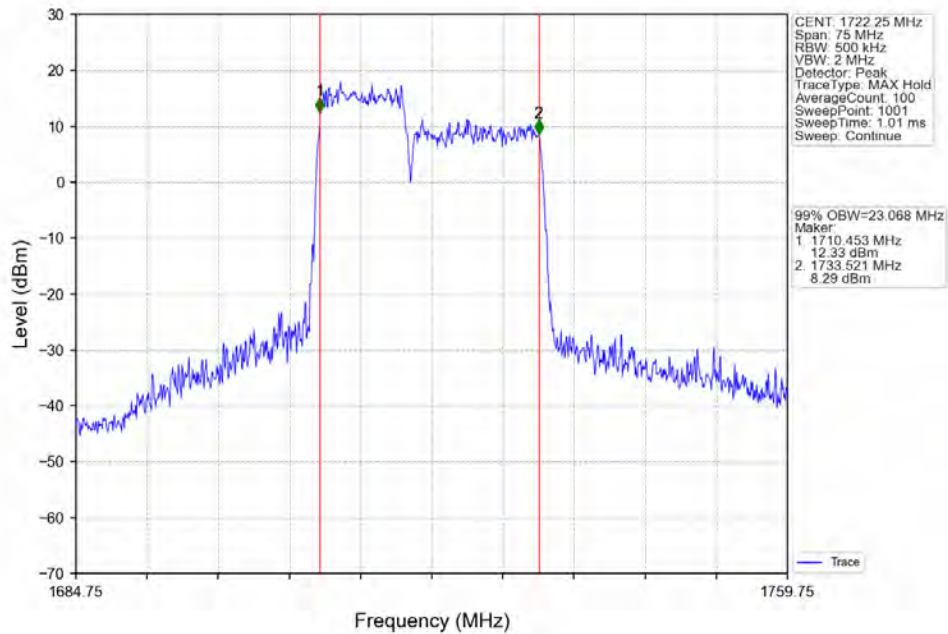
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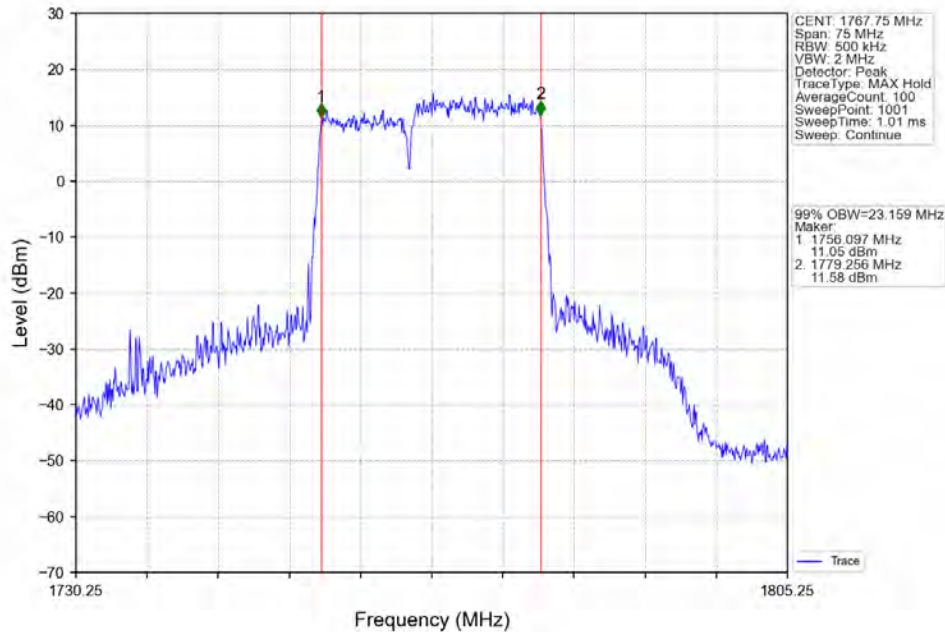
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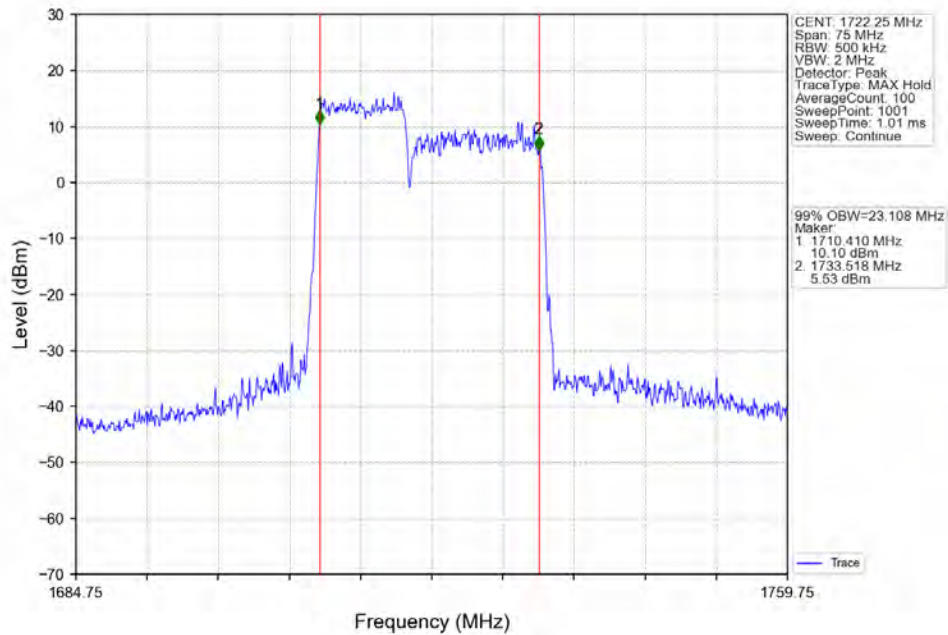
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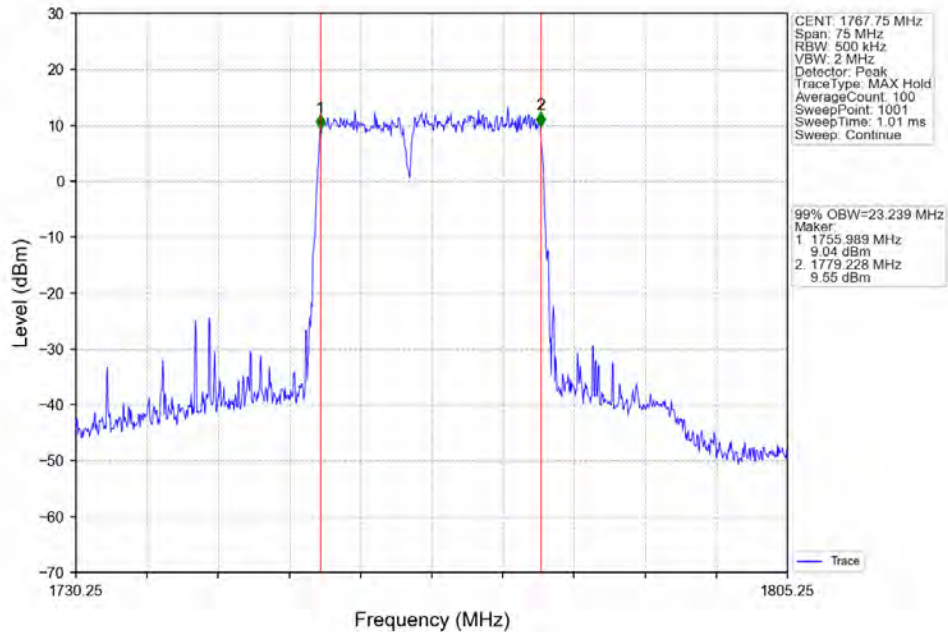
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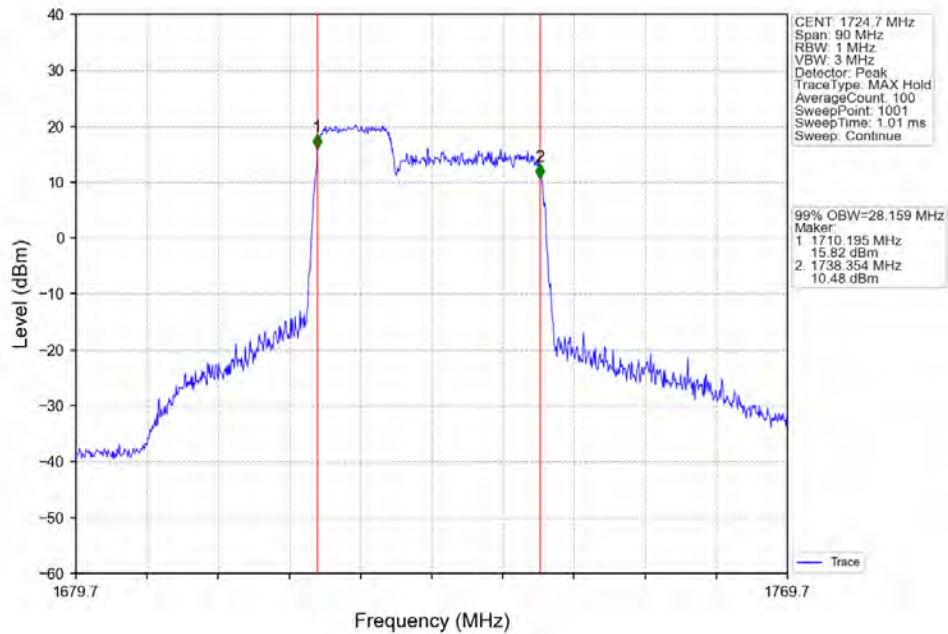
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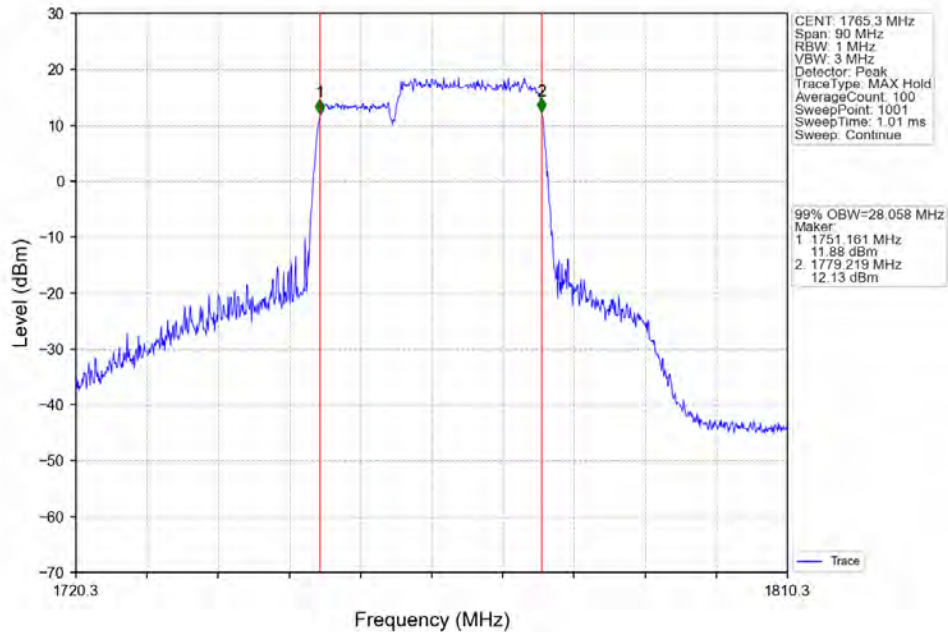
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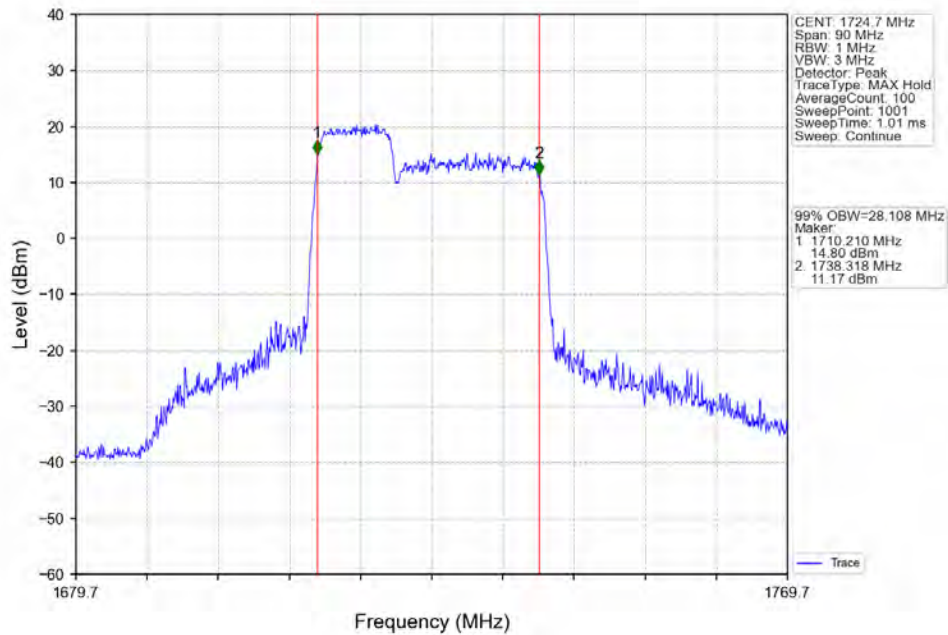
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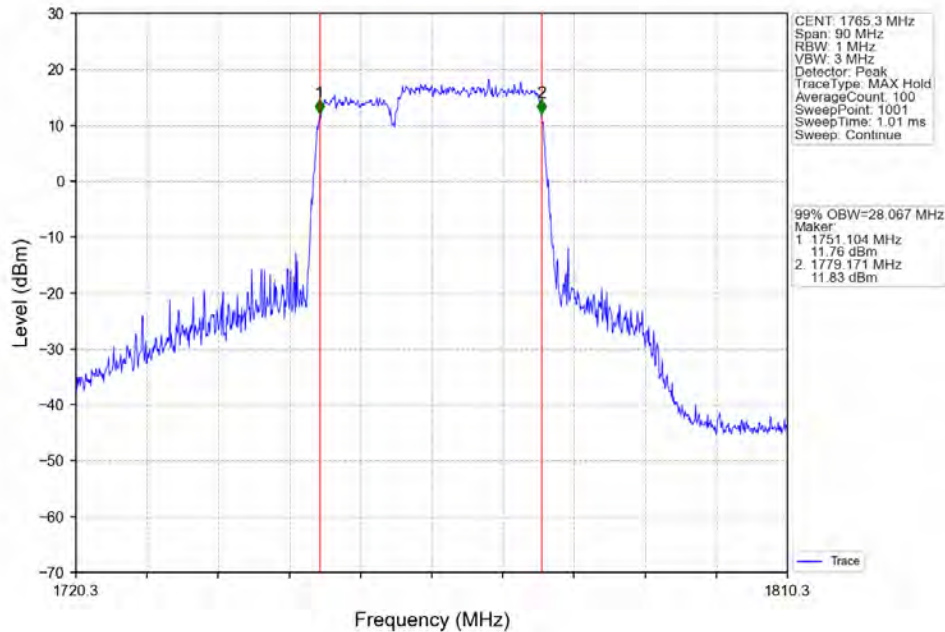
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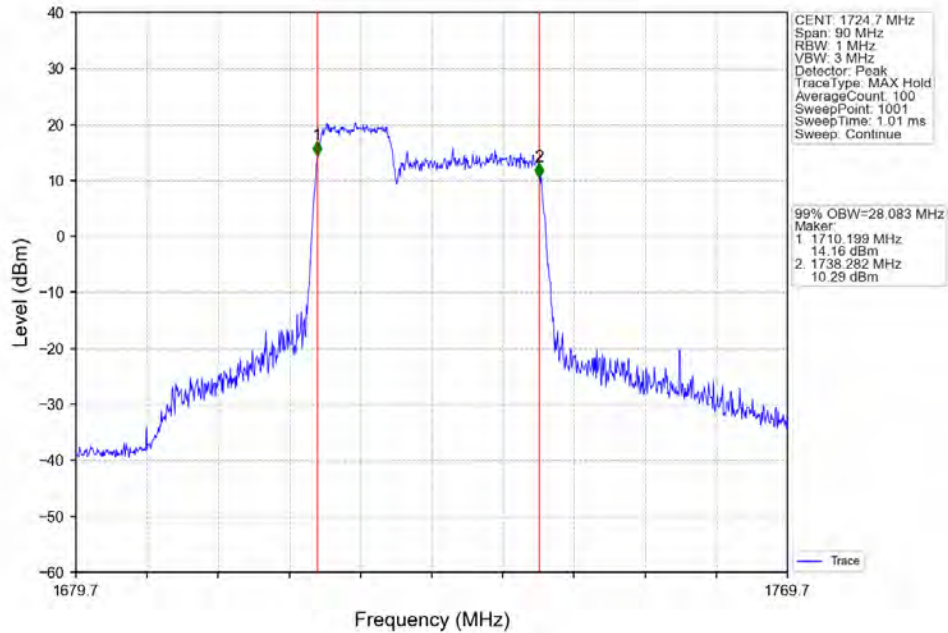
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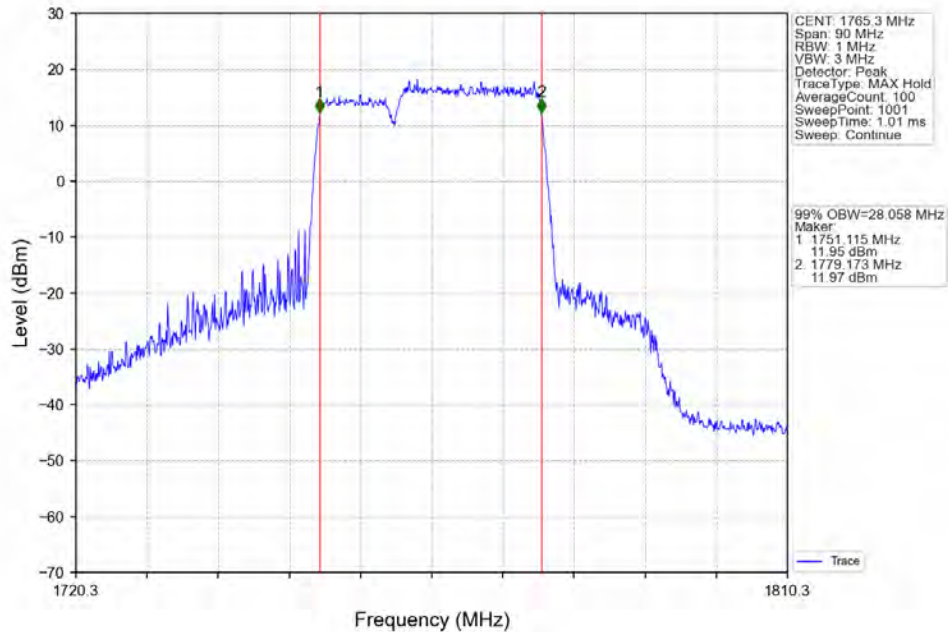
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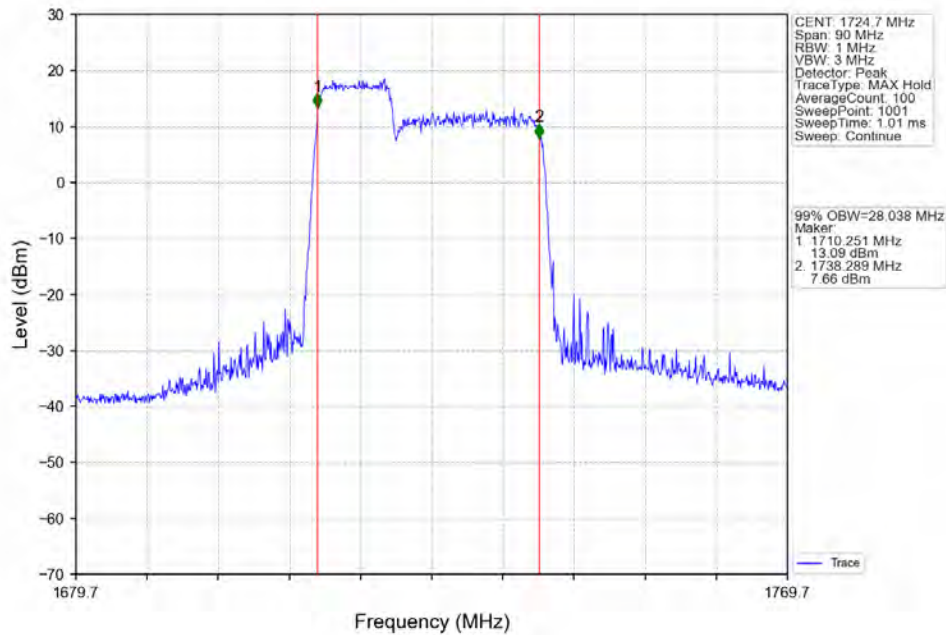
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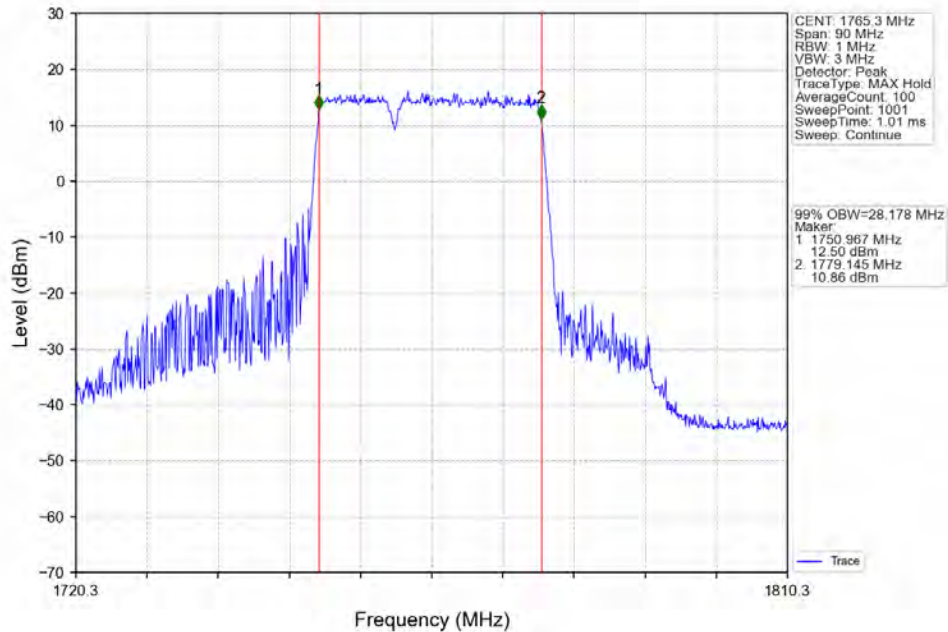
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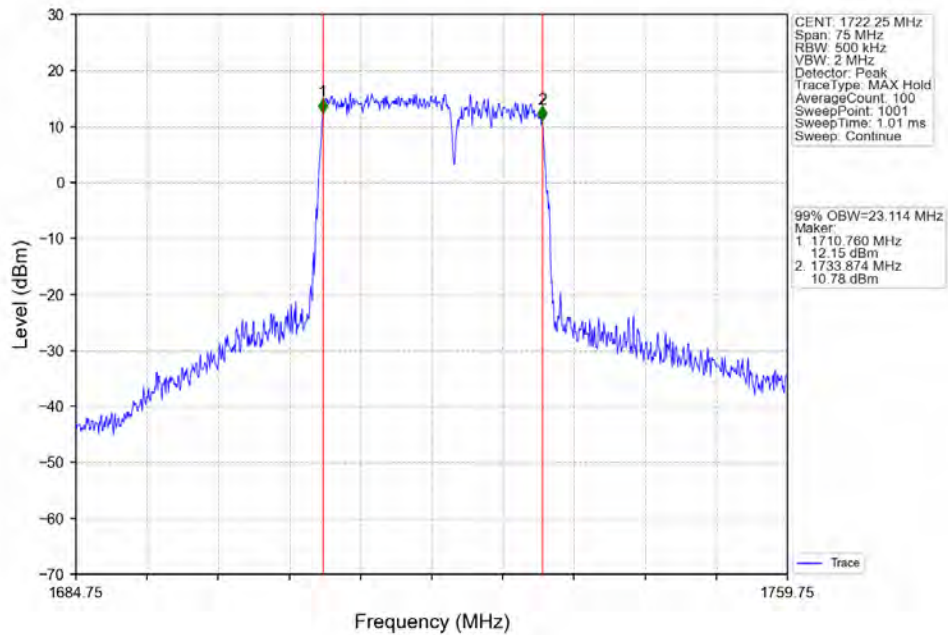
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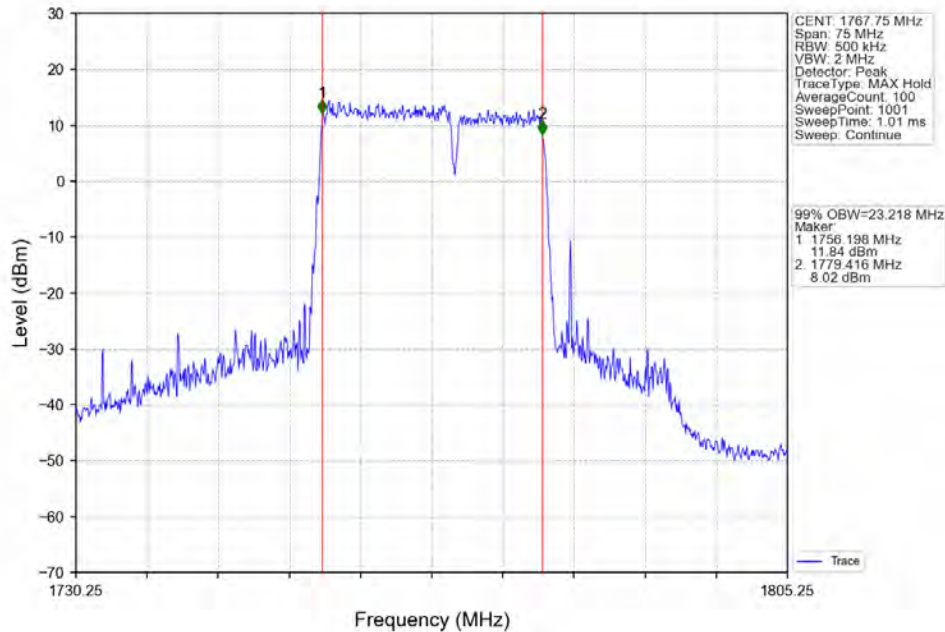
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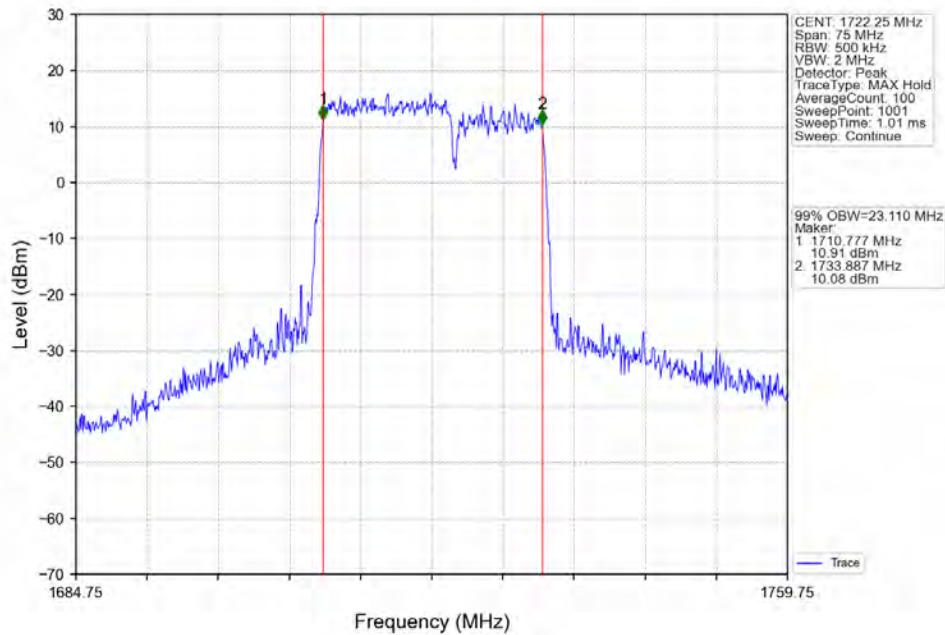
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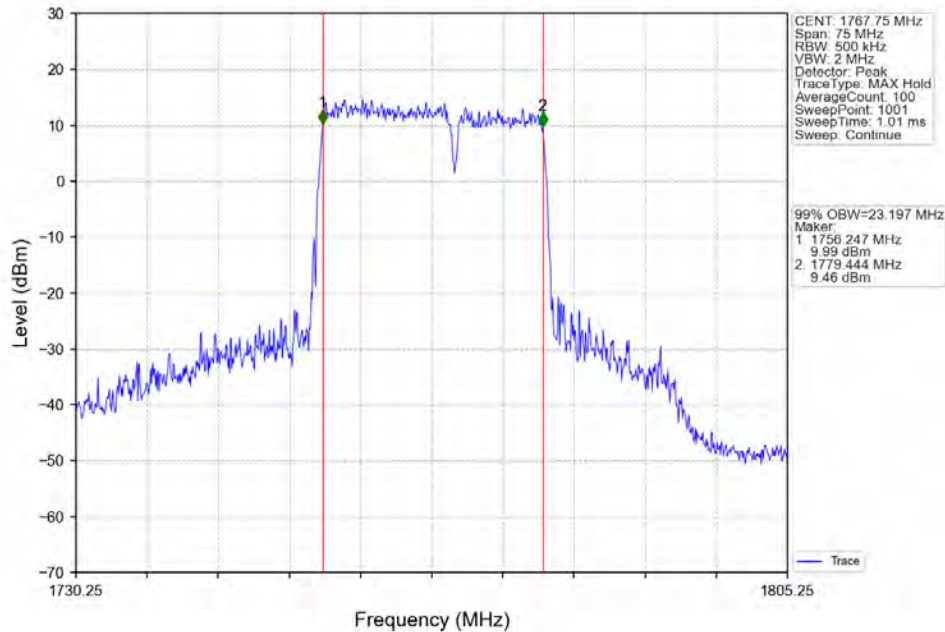
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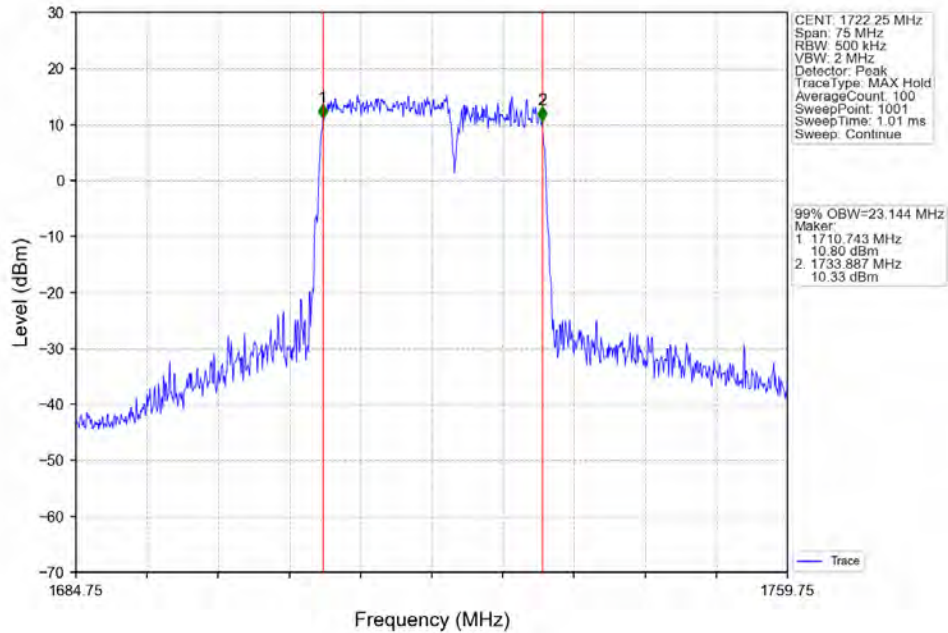
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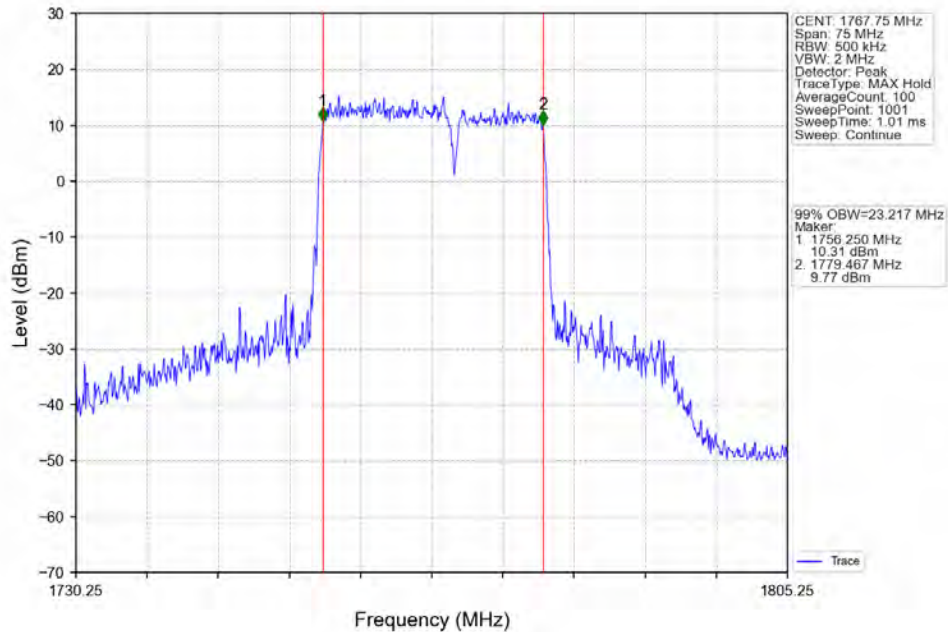
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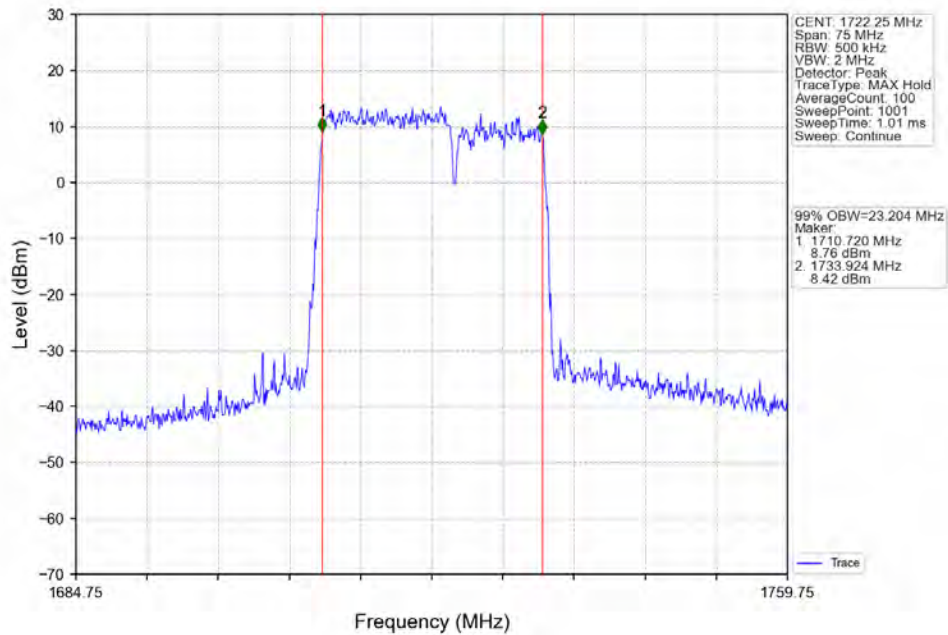
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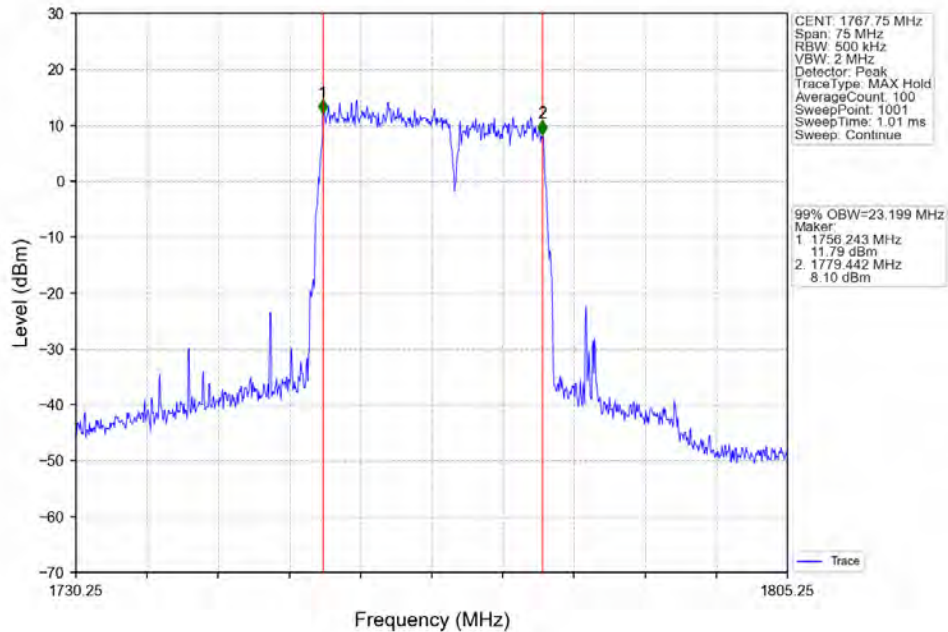
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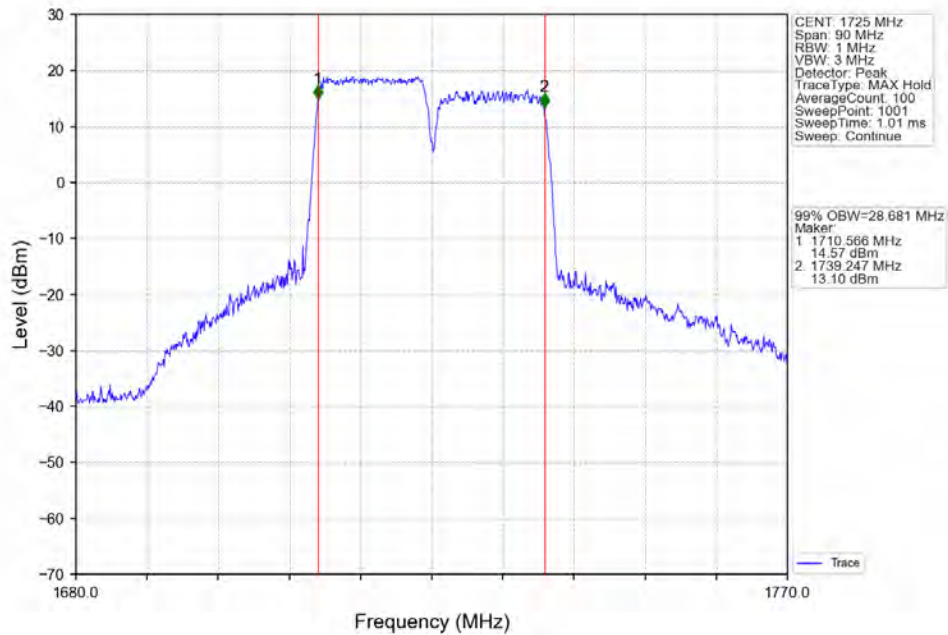
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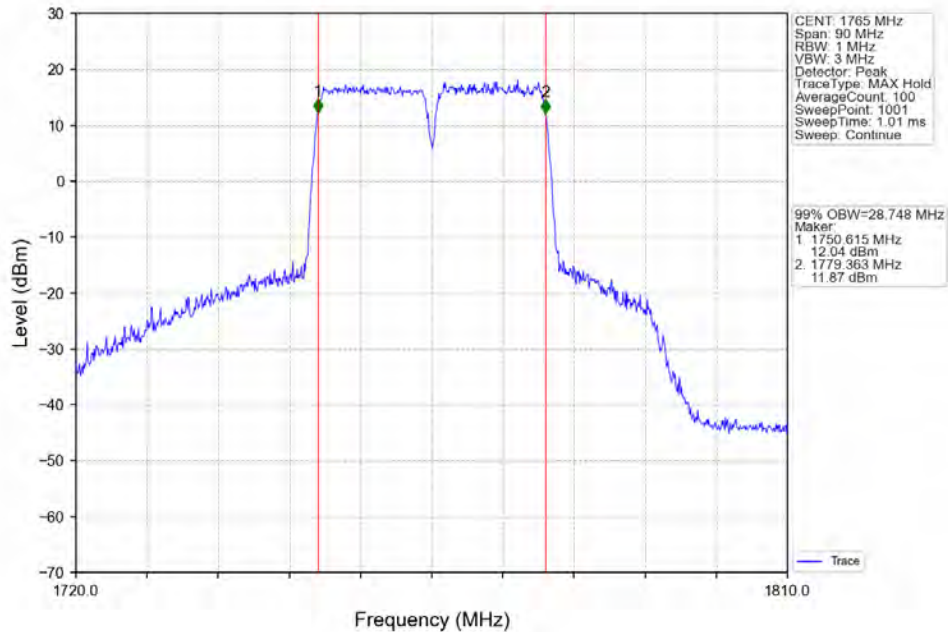
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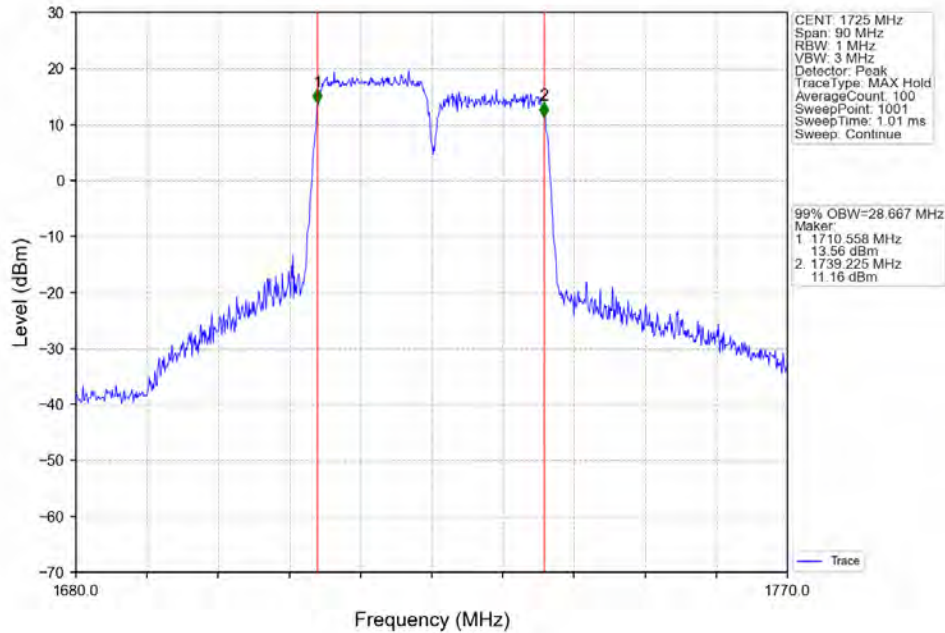
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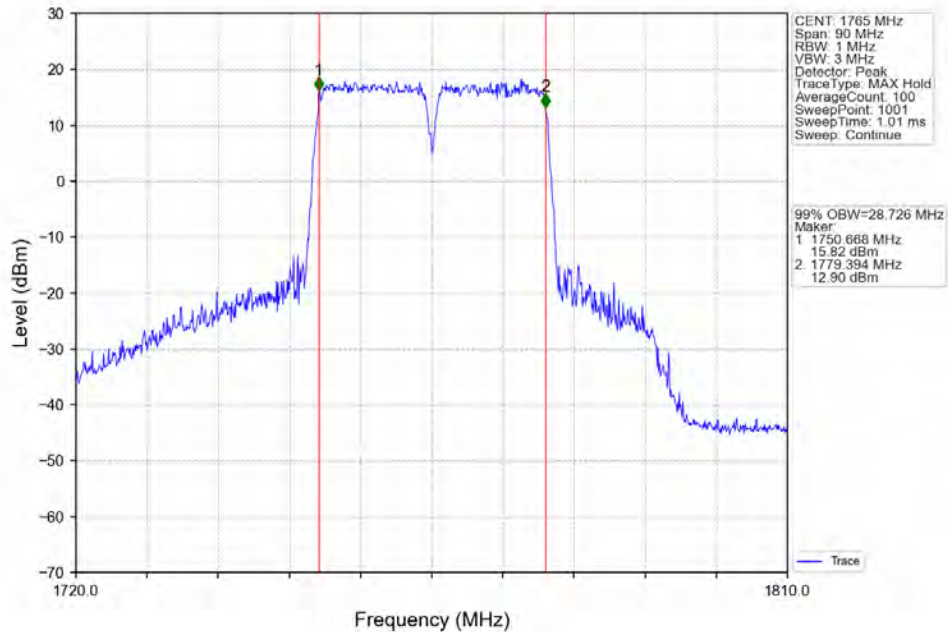
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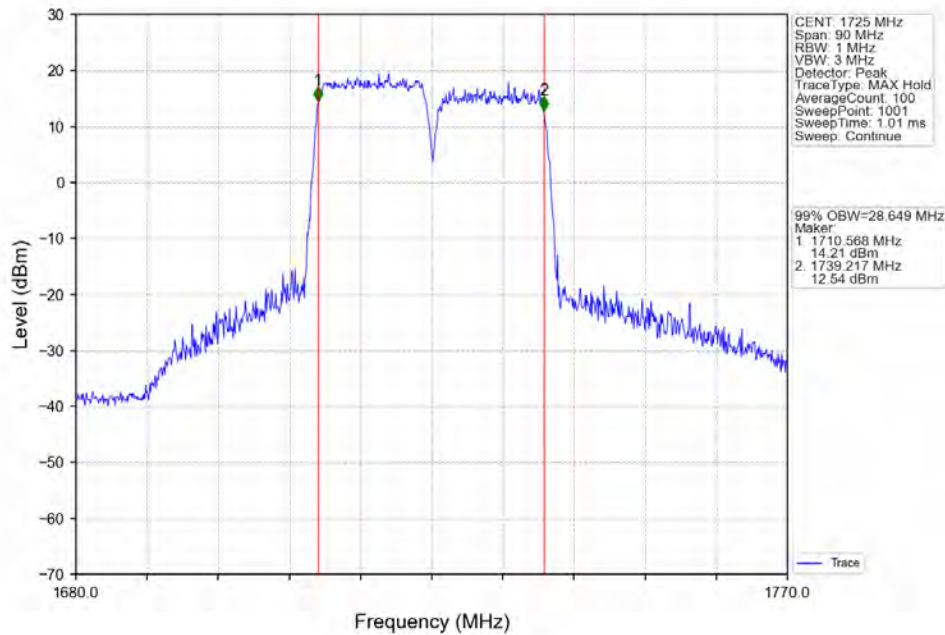
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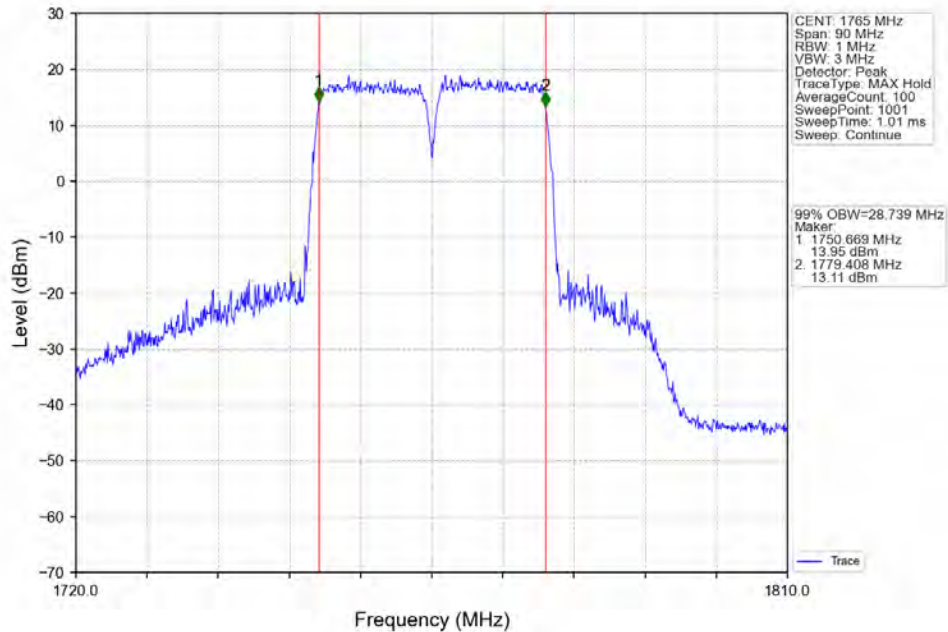
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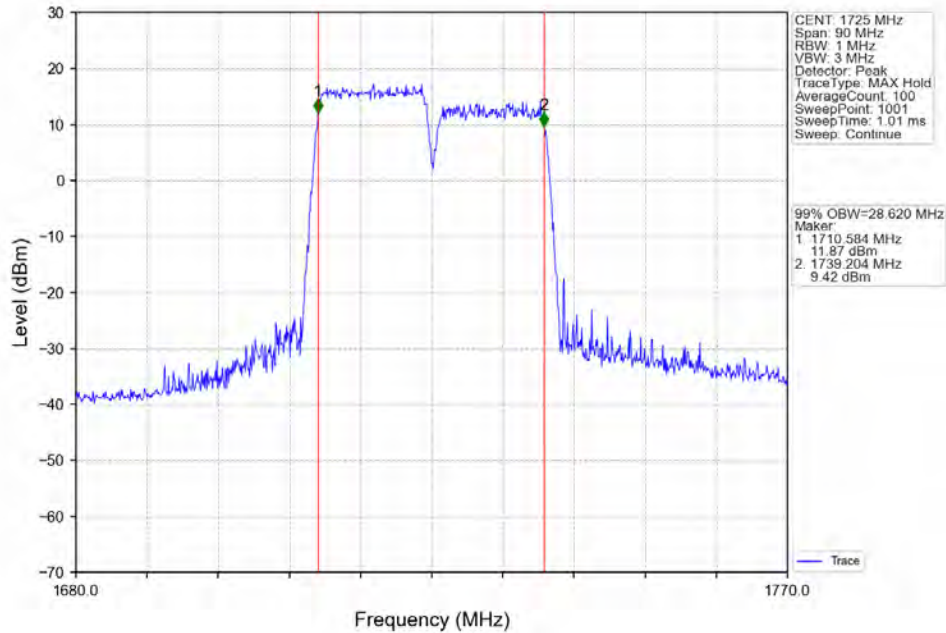
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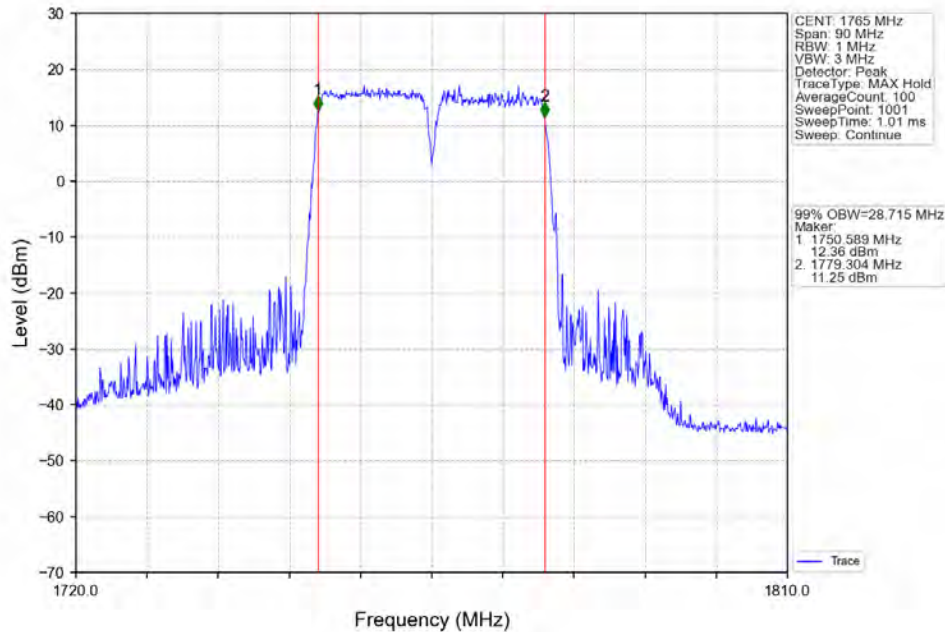
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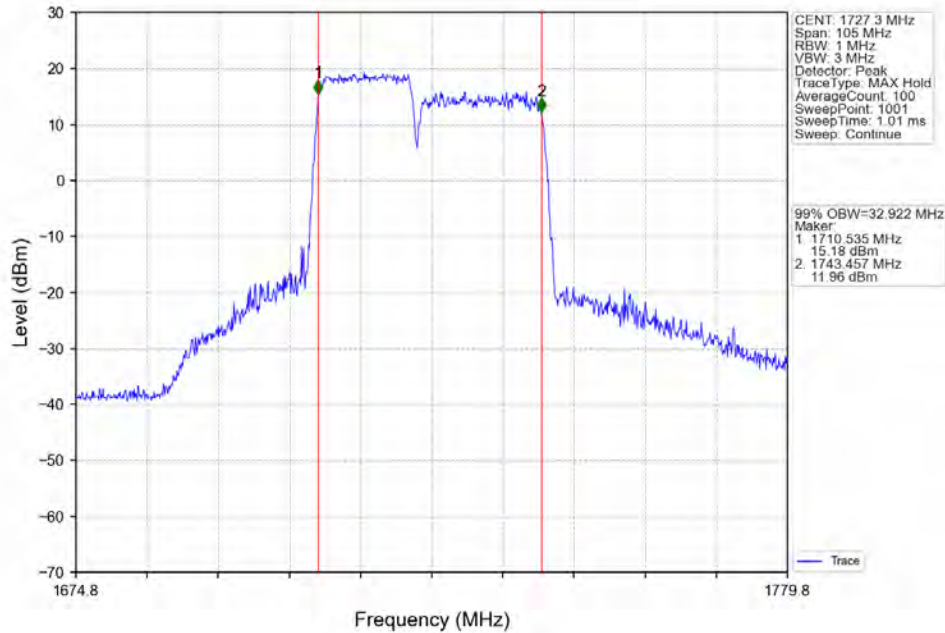
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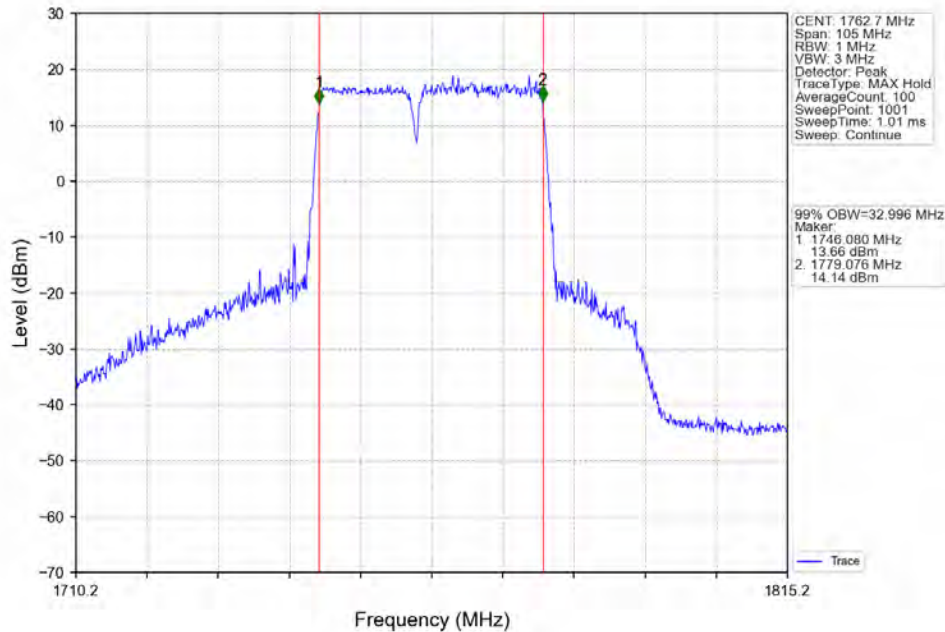
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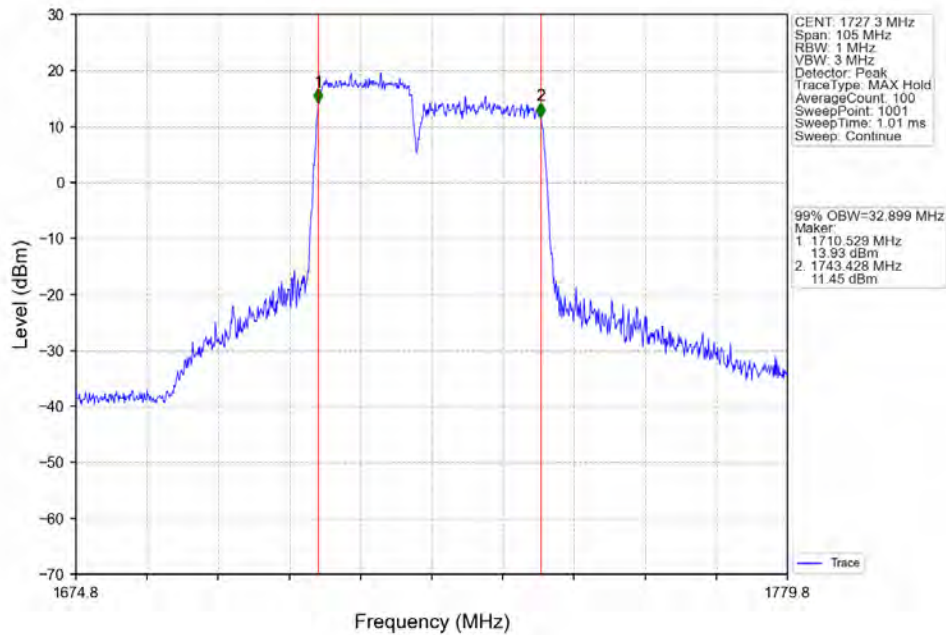
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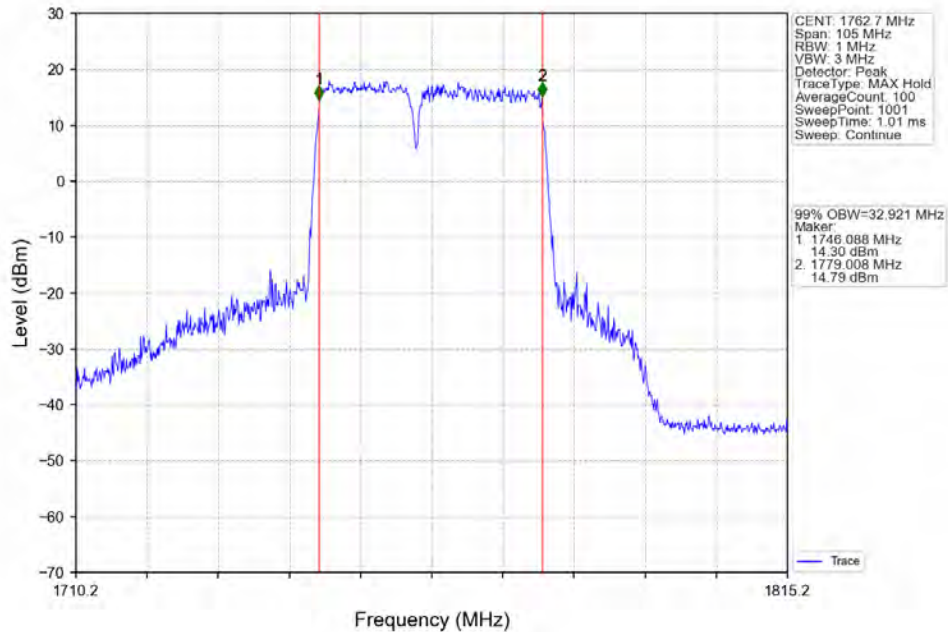
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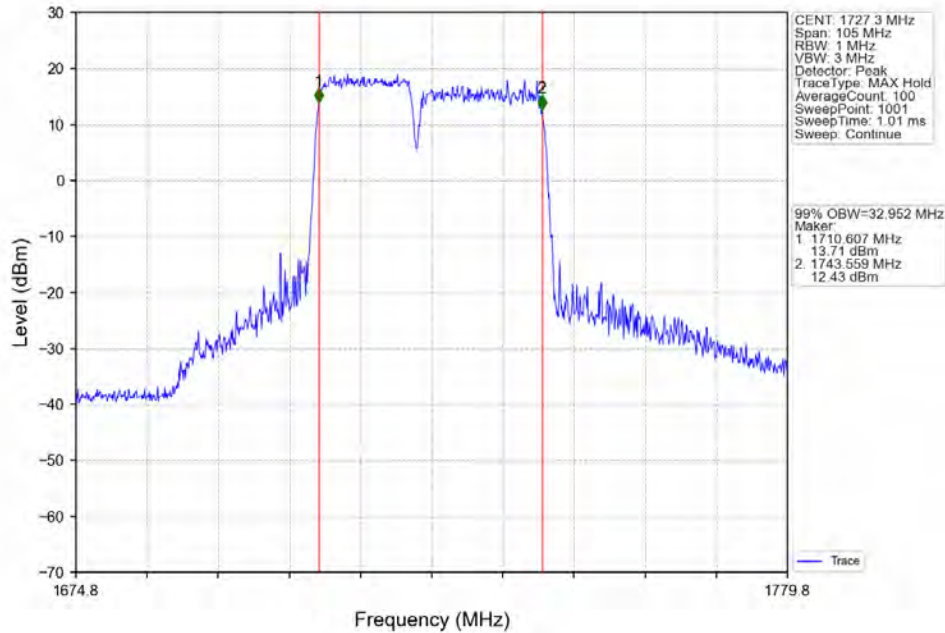
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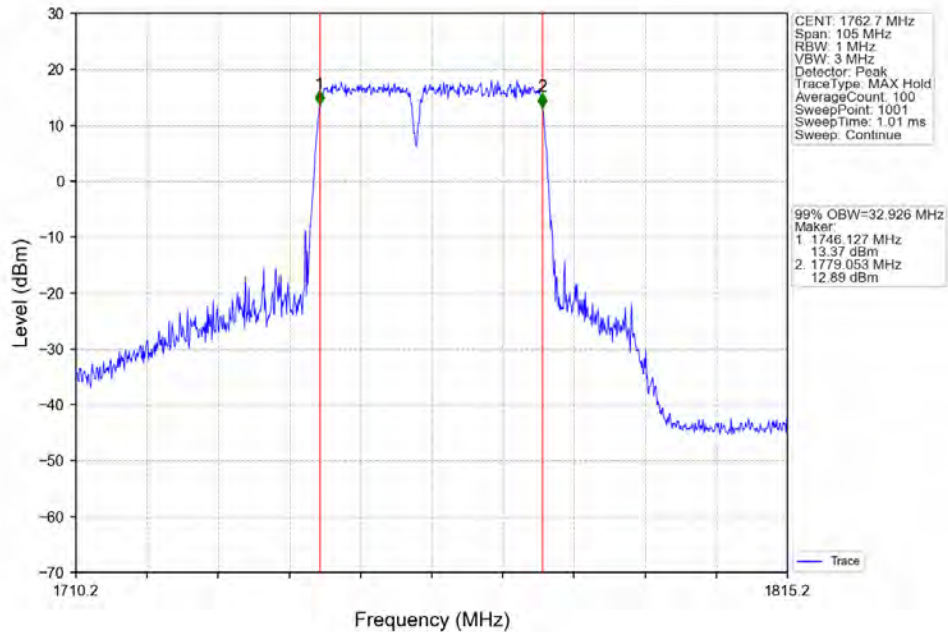
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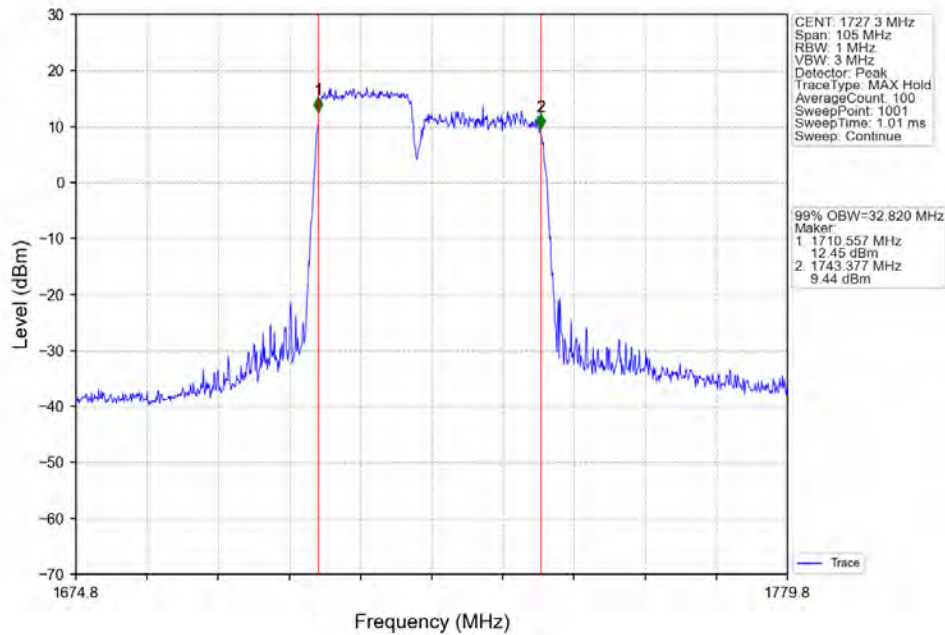
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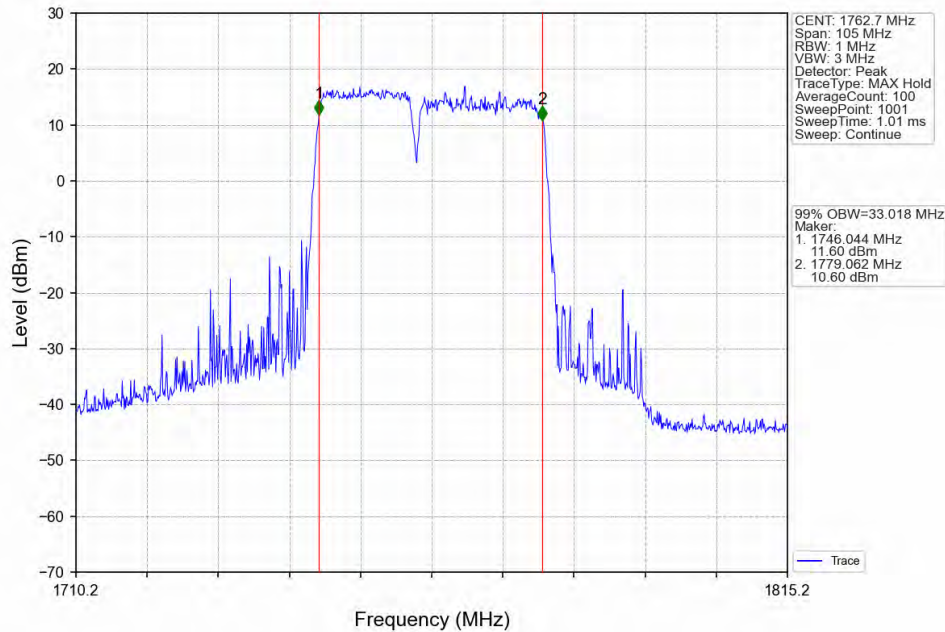
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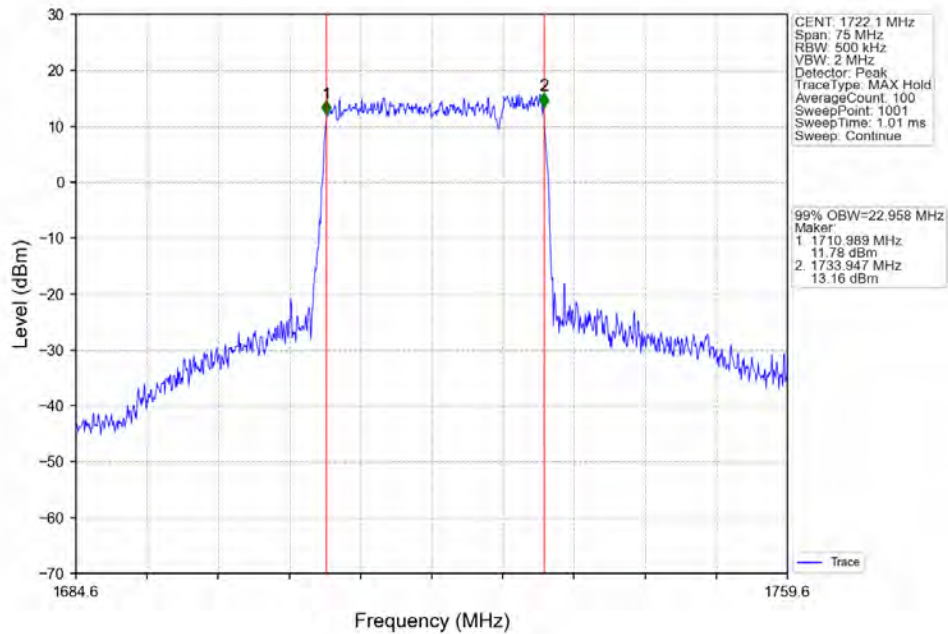
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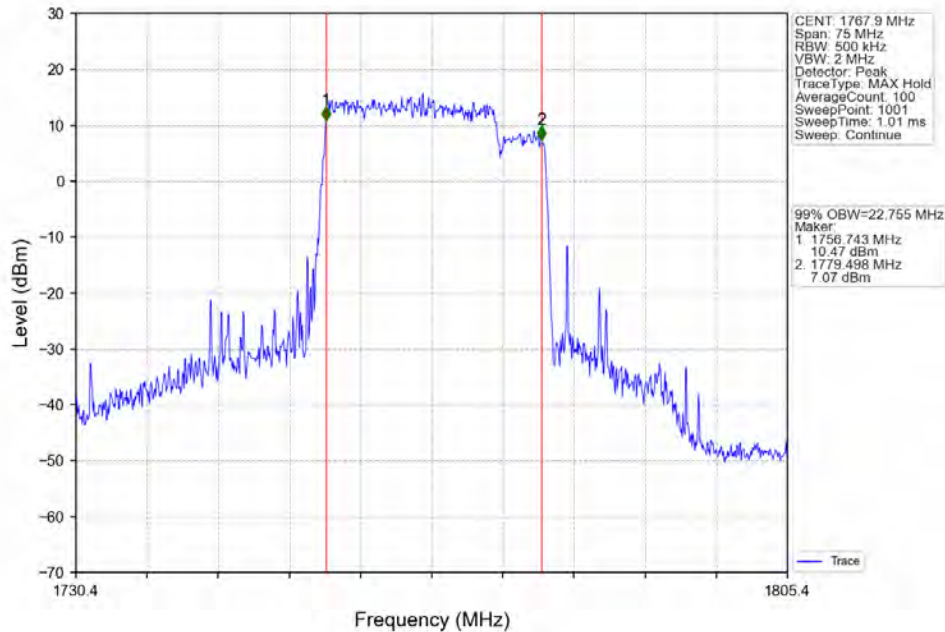
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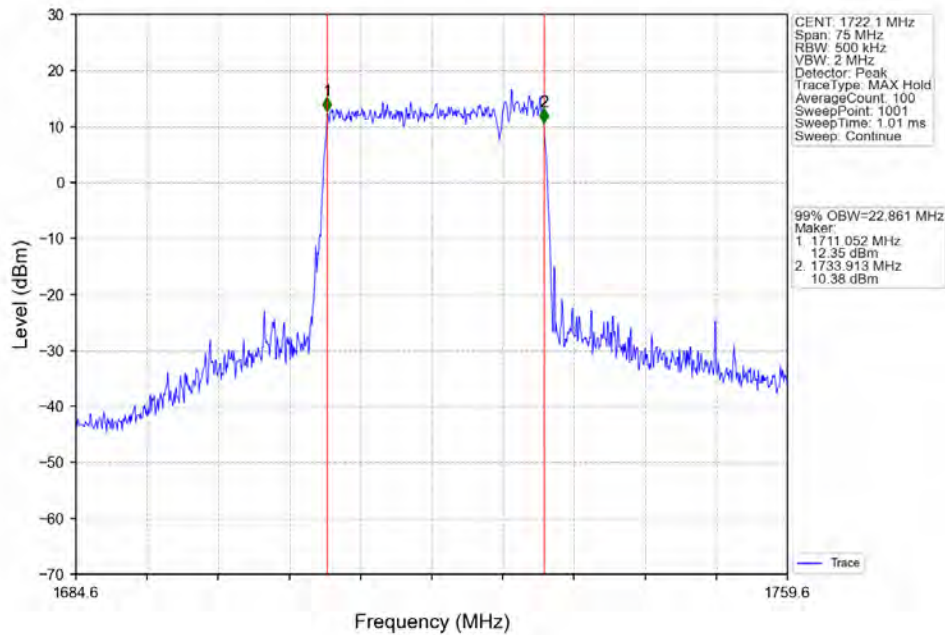
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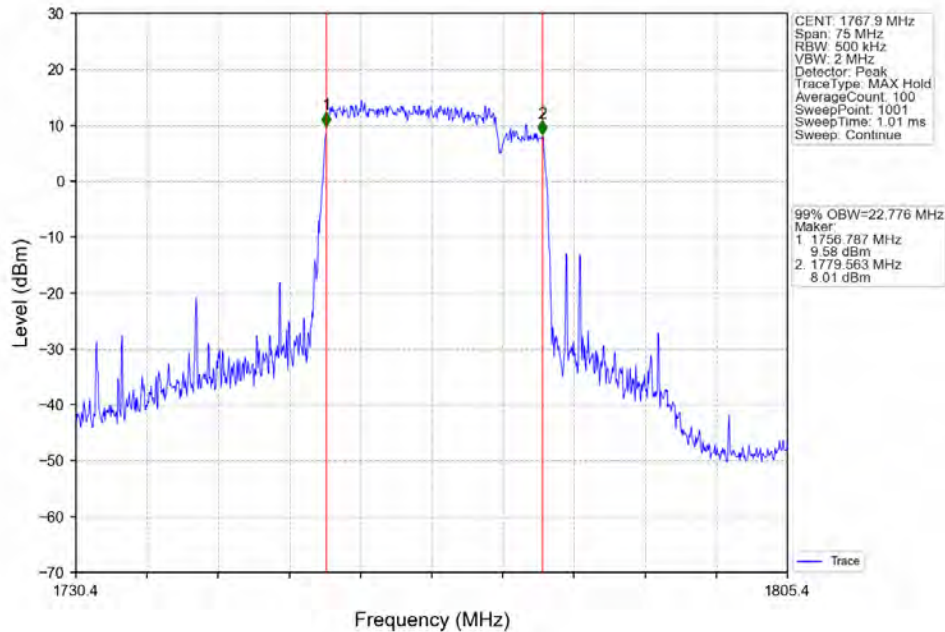
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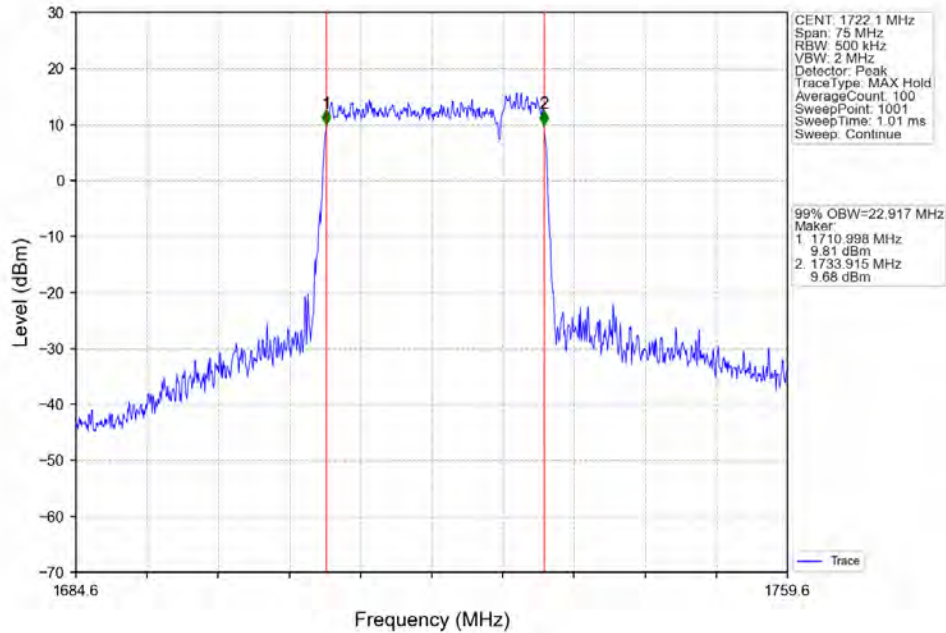
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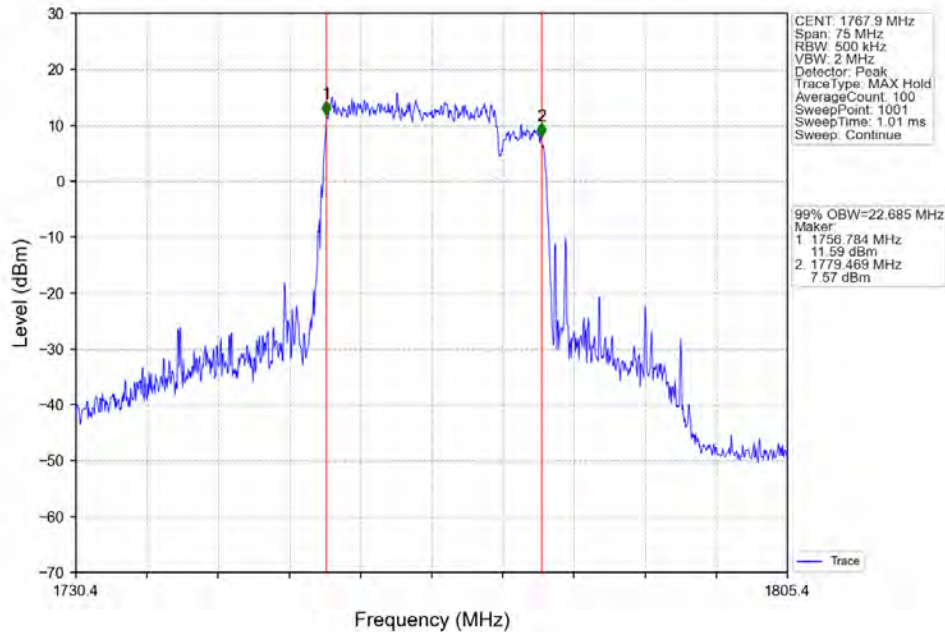
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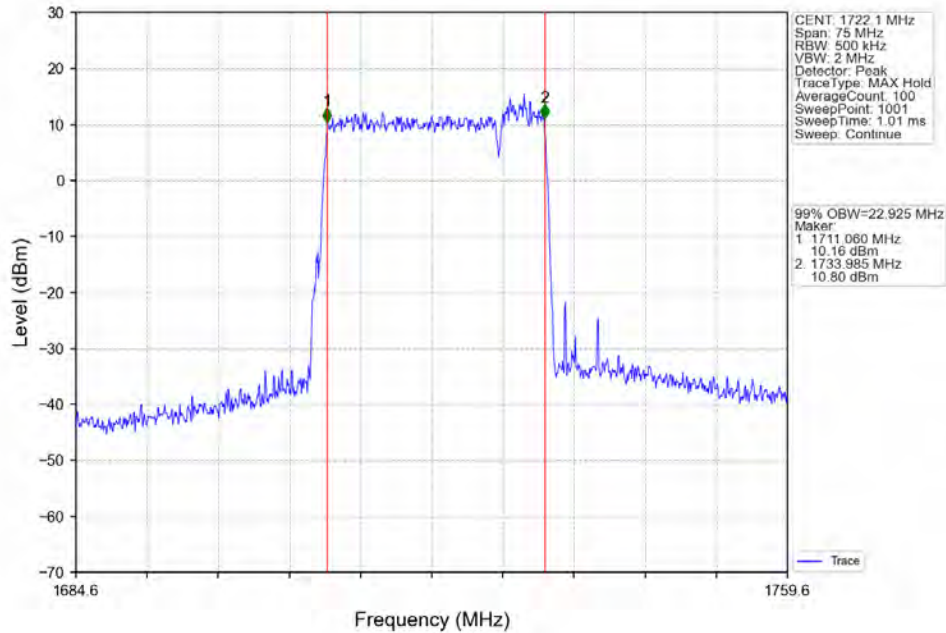
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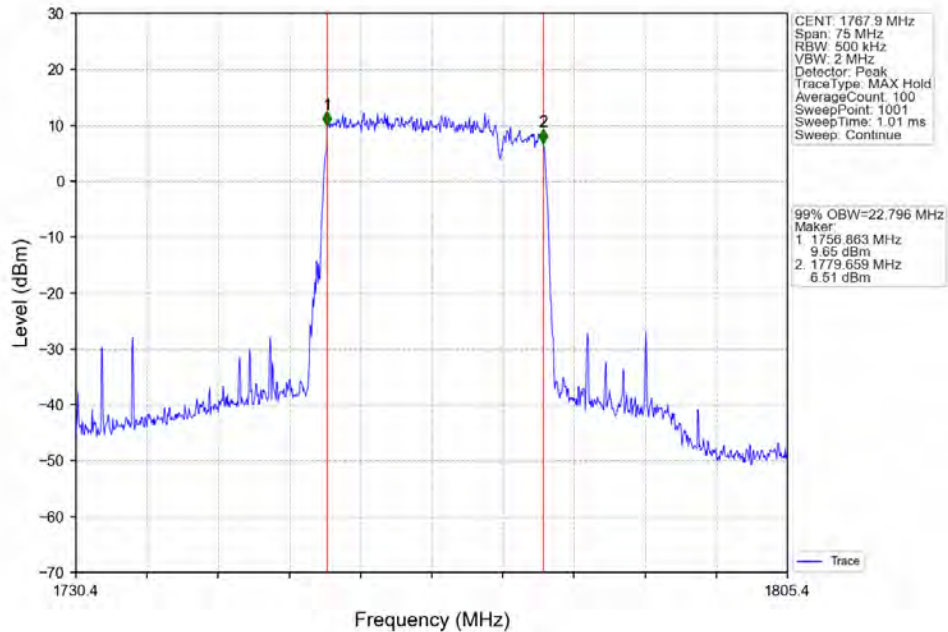
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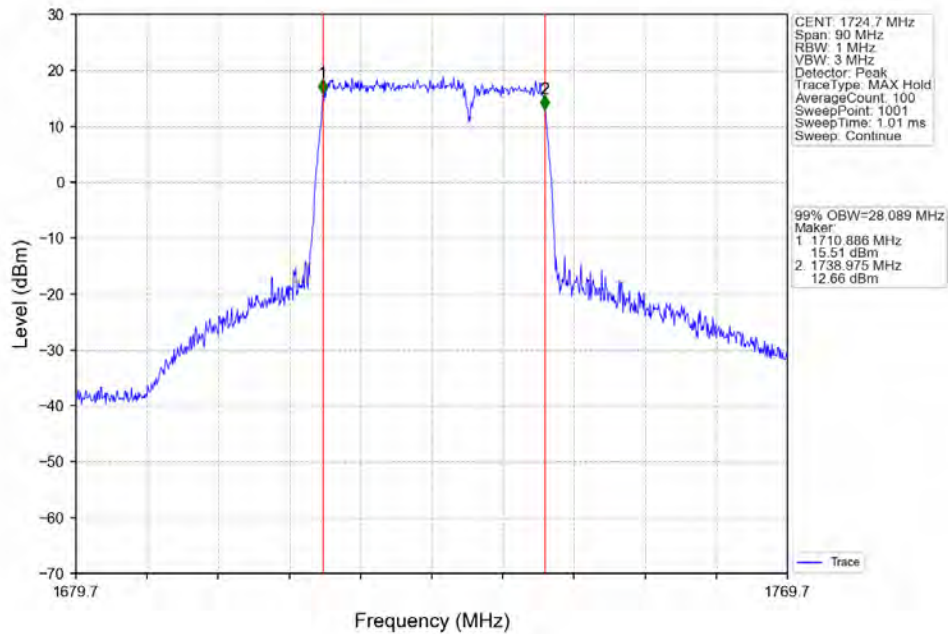
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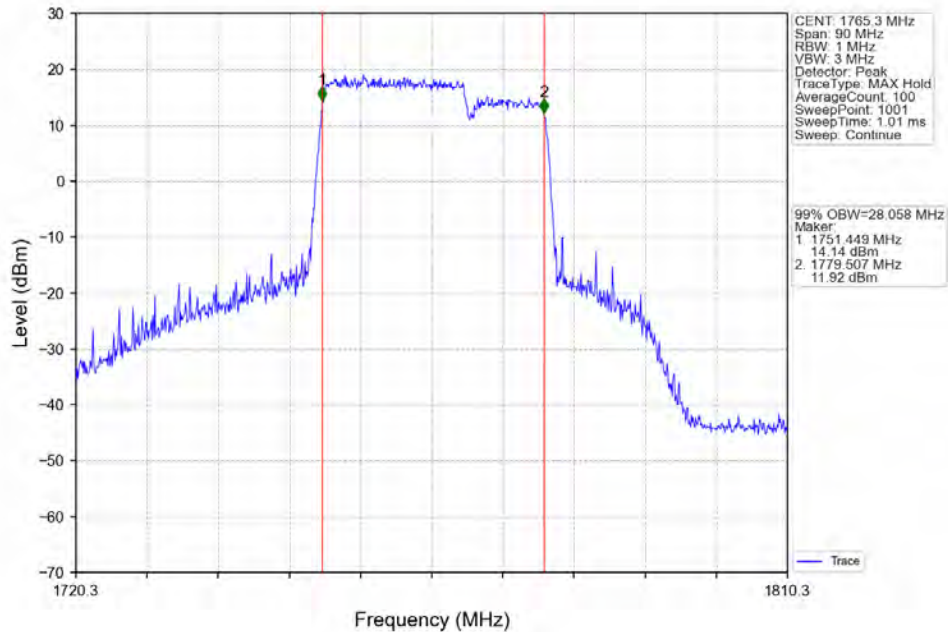
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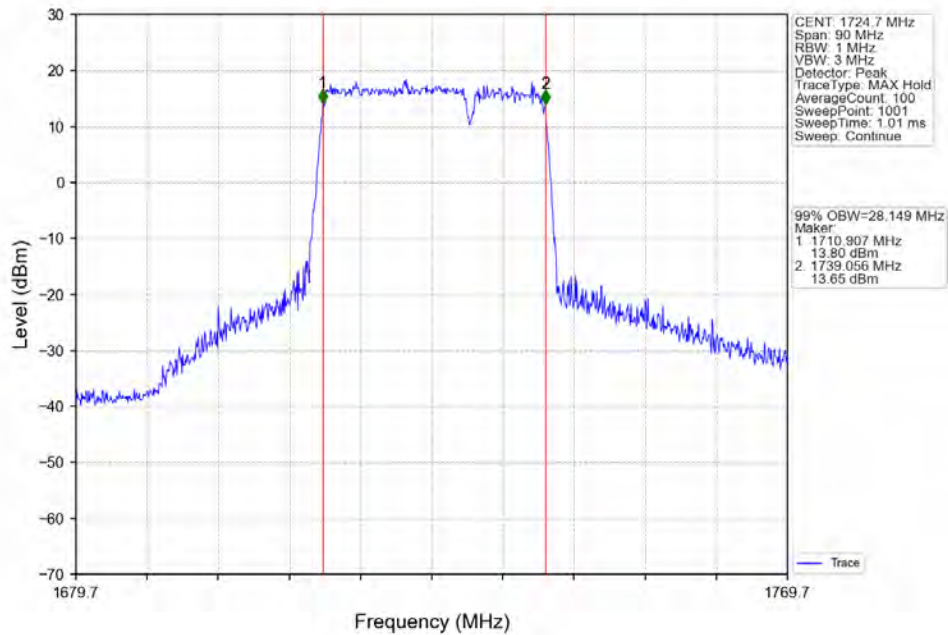
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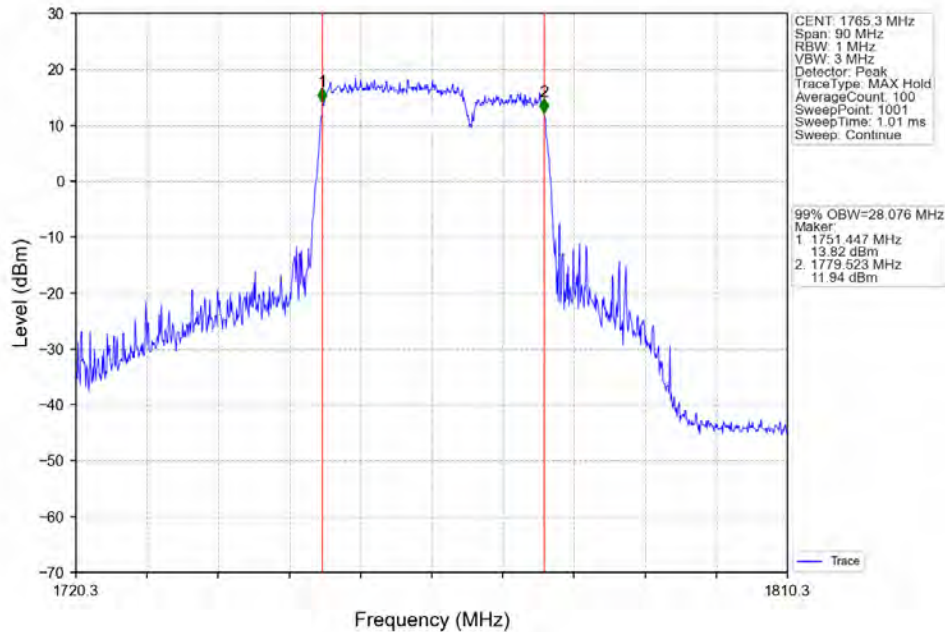
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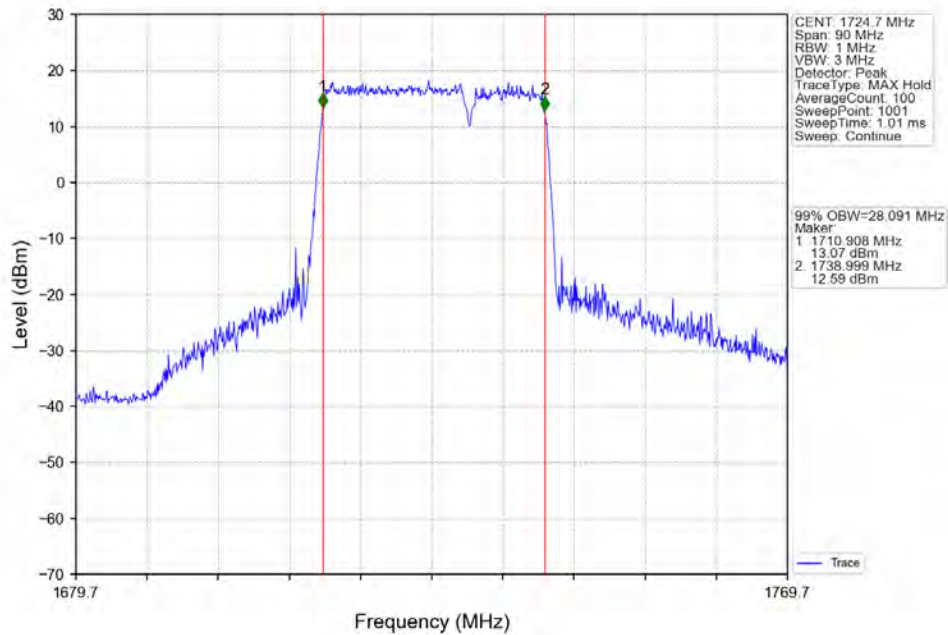
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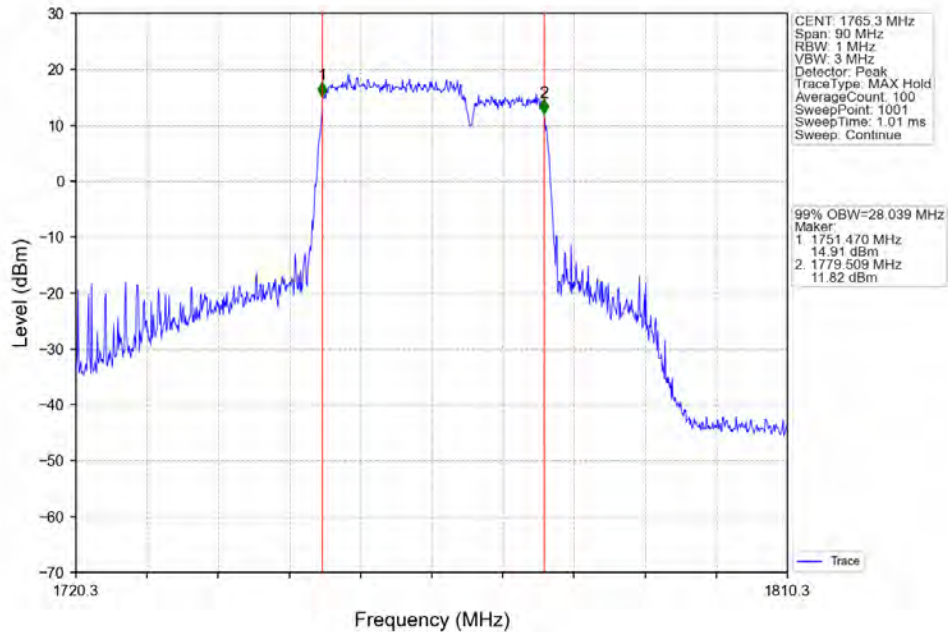
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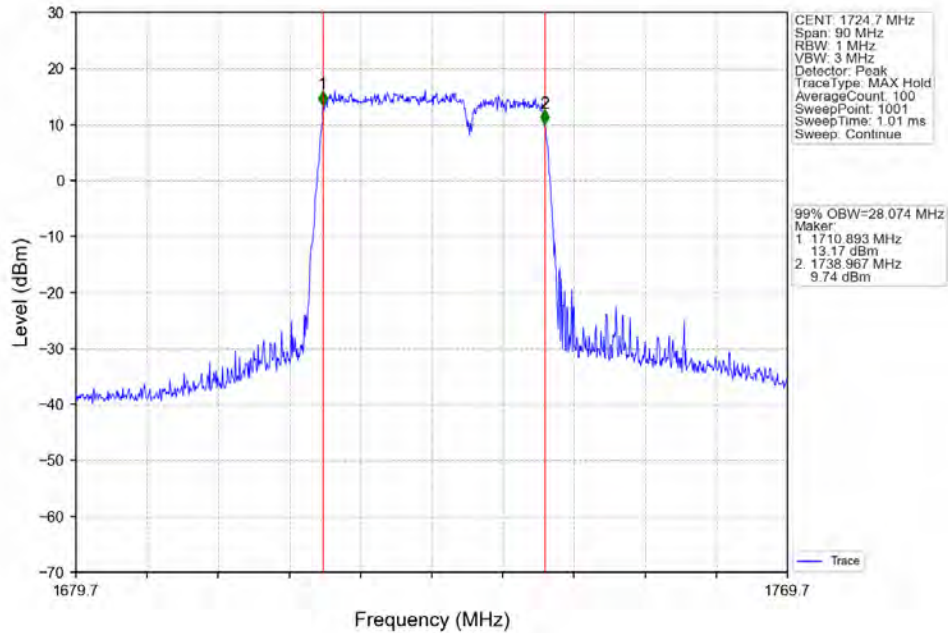
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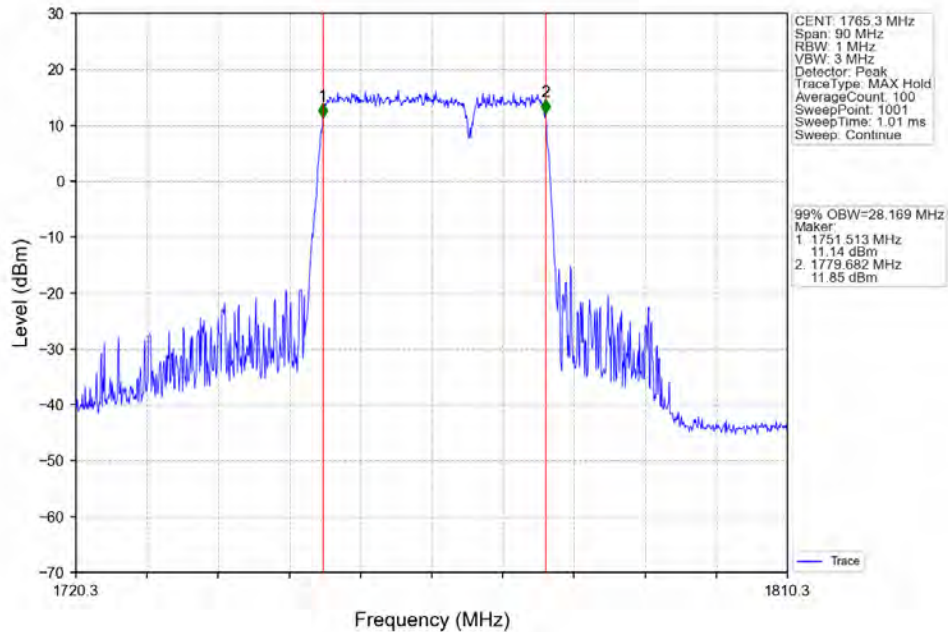
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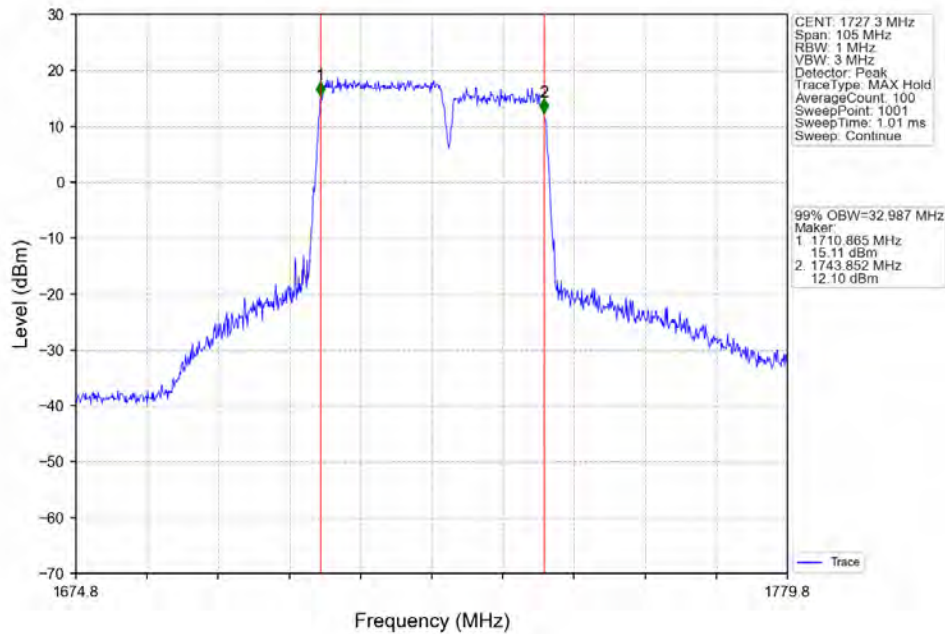
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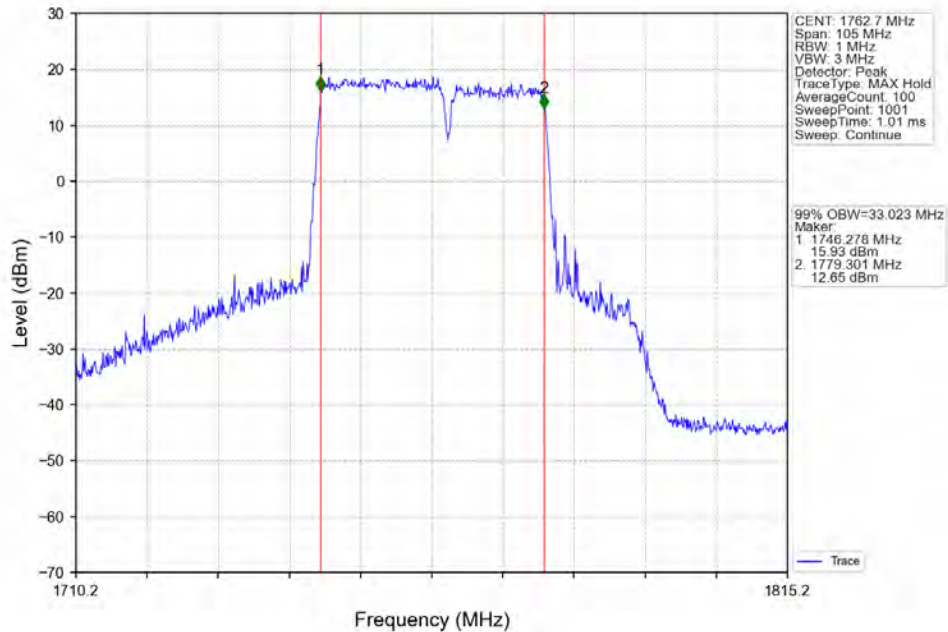
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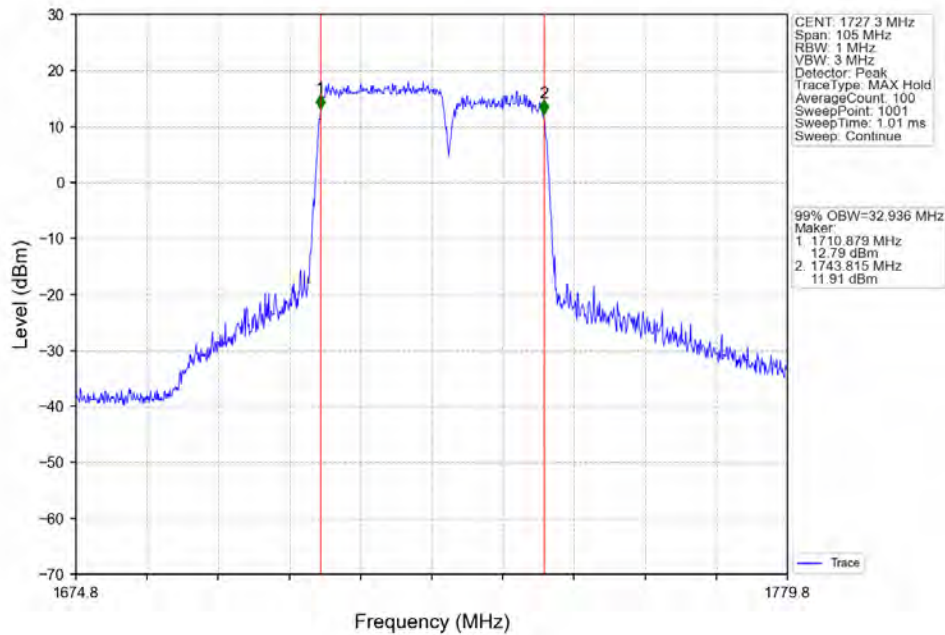
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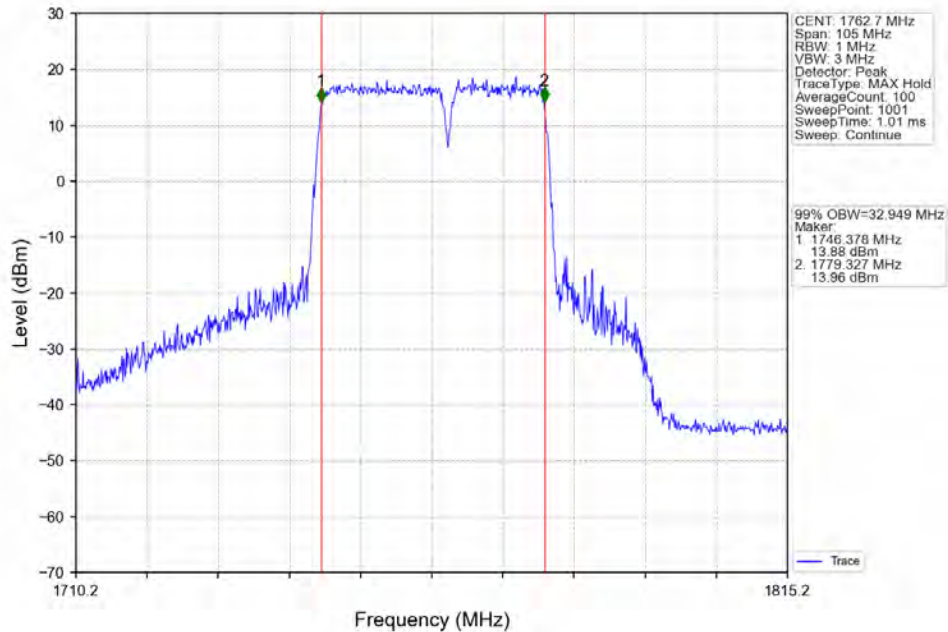
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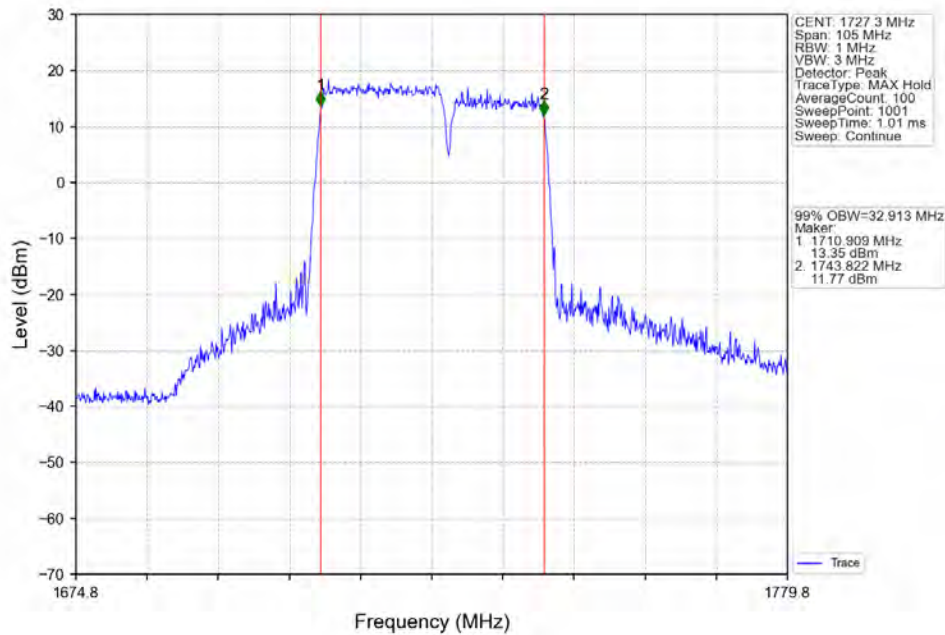
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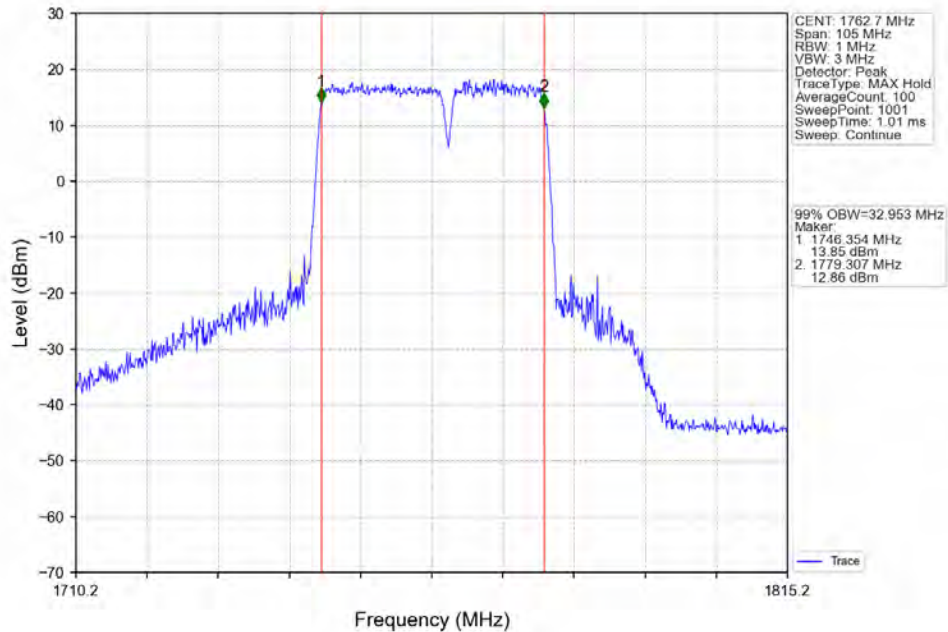
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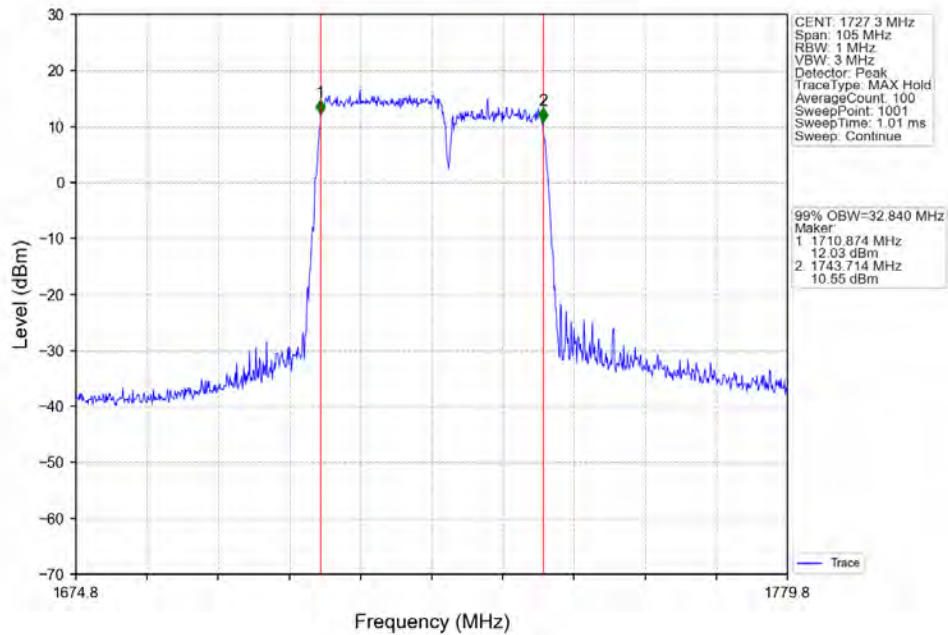
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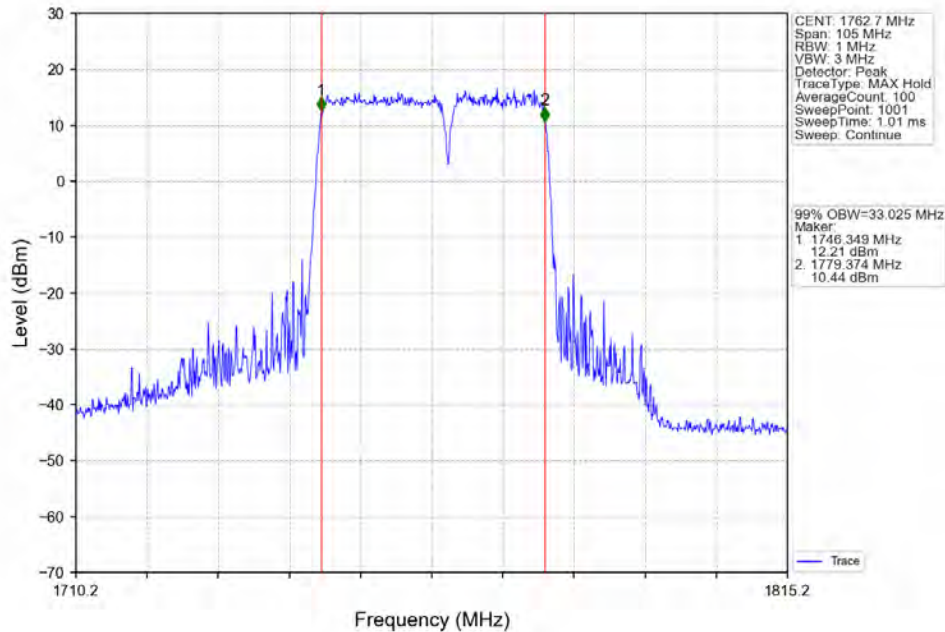
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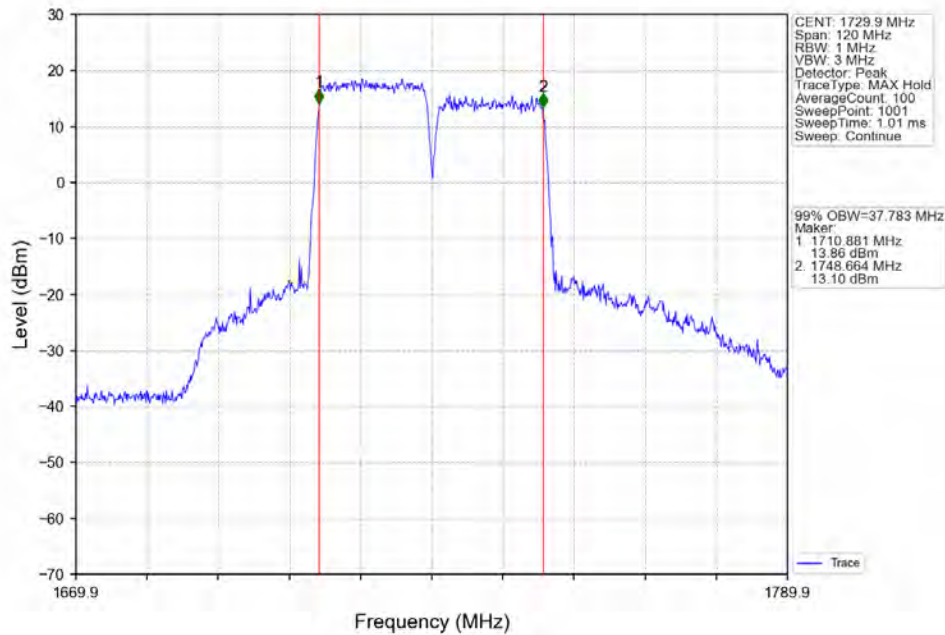
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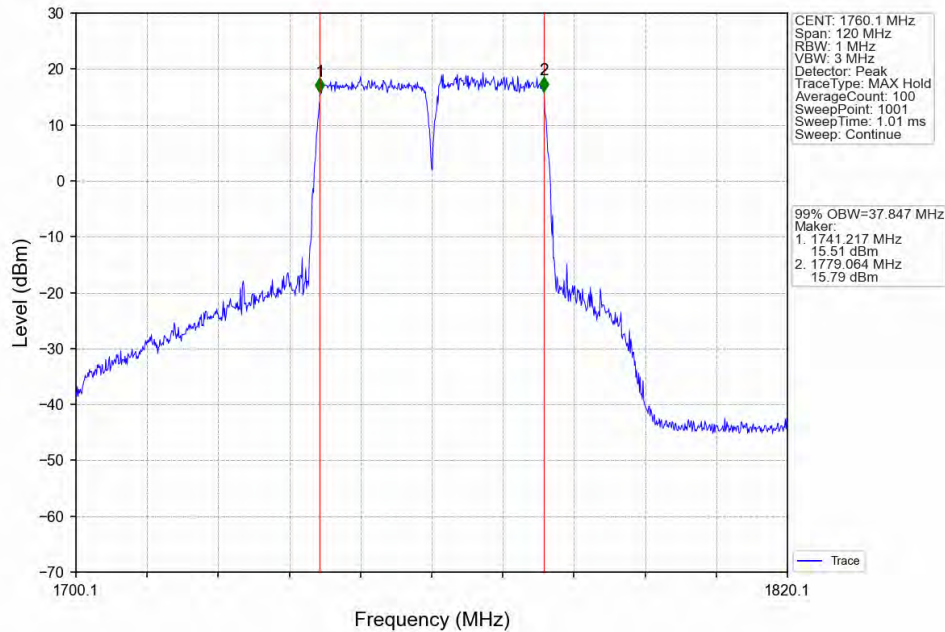
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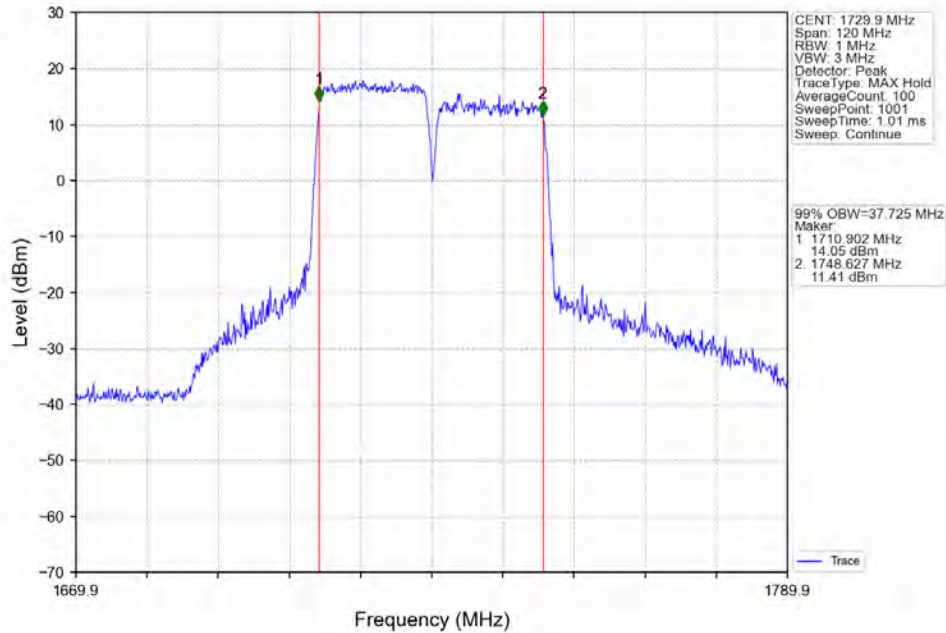
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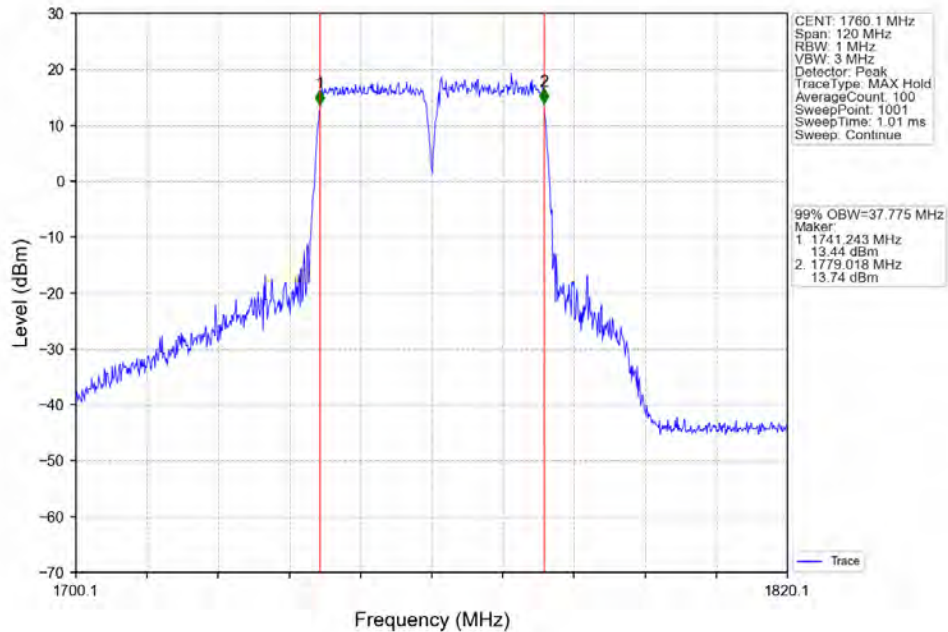
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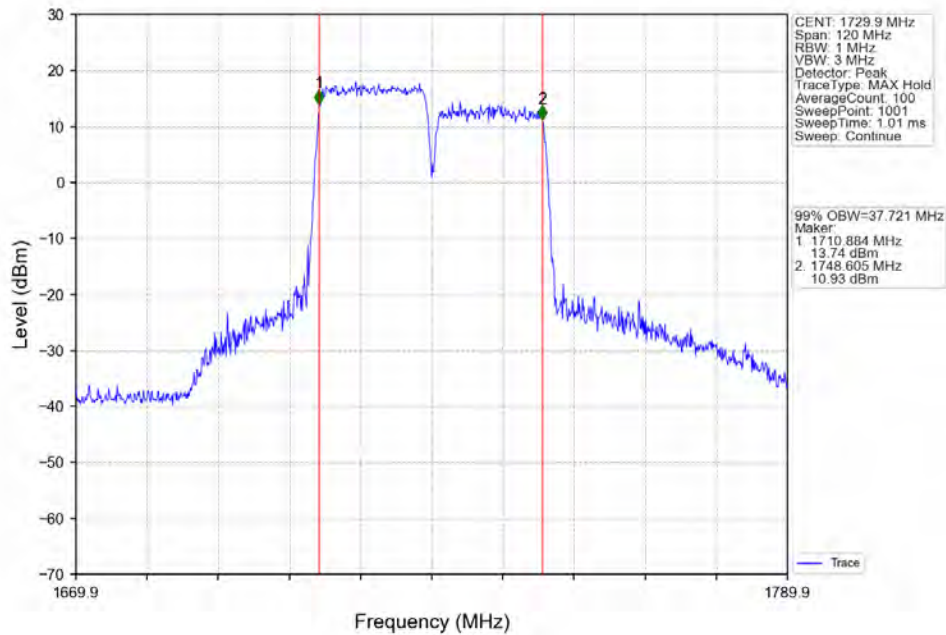
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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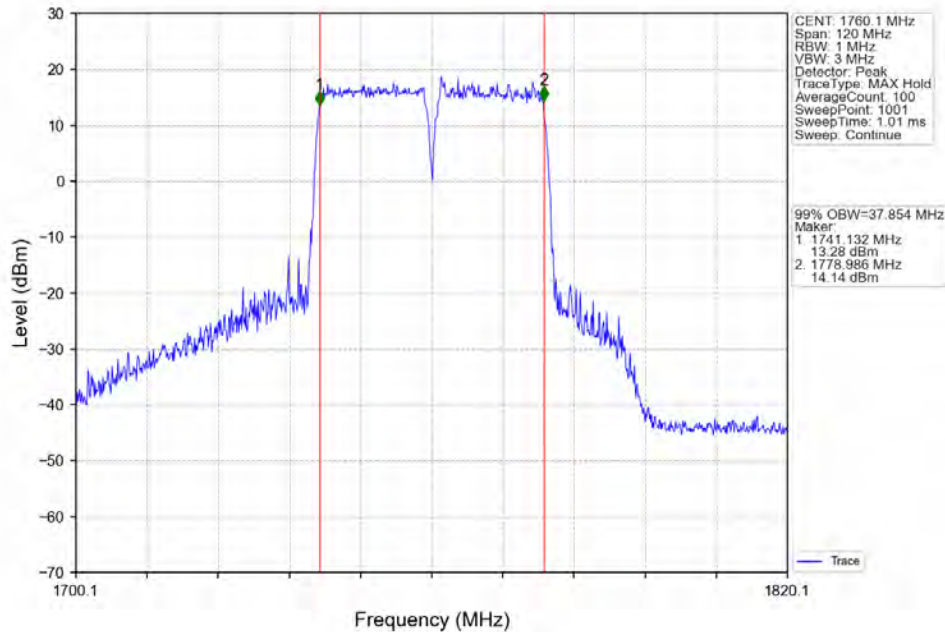
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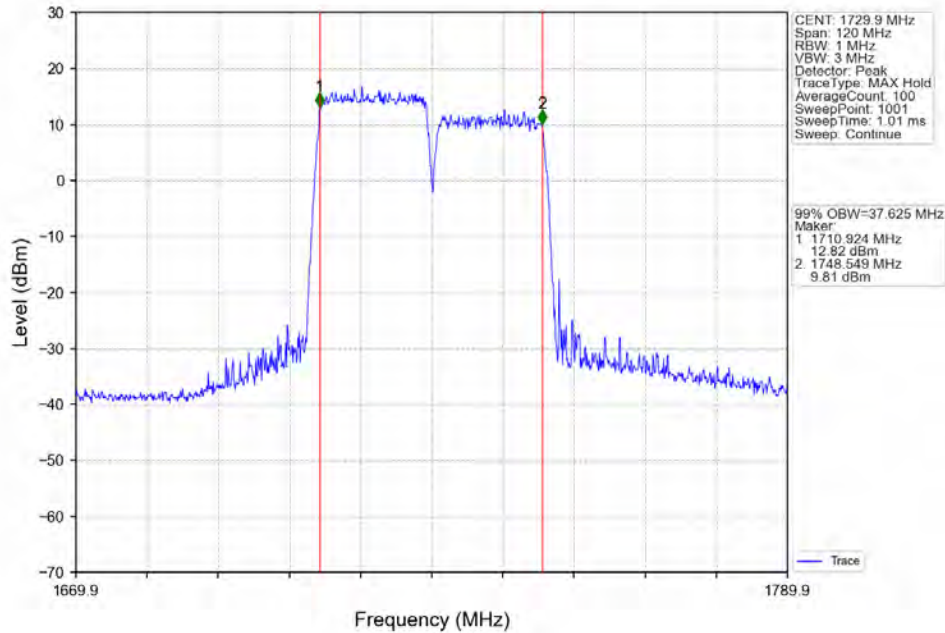
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:1720 CC2:1739.8MHz_CC1: 100@0 CC2: 100@0



CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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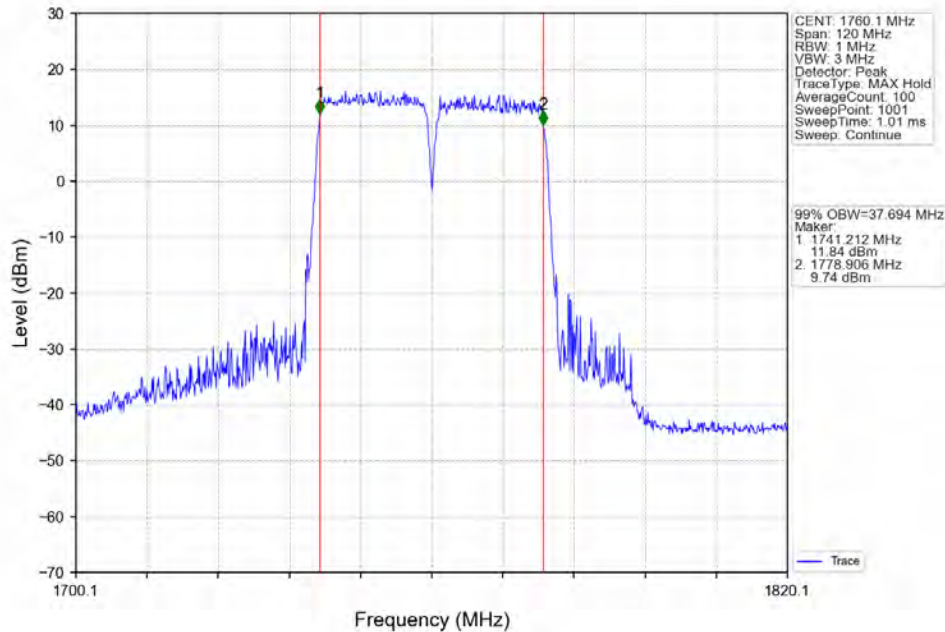
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2.2 CA_66C_NTNV_XDB

2.2.1 Test Result

Band: CA 66C / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:5 CC2:20	CC1: QPSK CC2: QPSK	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	24.21	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	24.32	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	23.96	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	24.31	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	24.07	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	24.36	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:1712.5 CC2:1724.2	CC1: 25@0 CC2: 100@0	23.99	/	Pass
		CC1:1758.3 CC2:1770	CC1: 25@0 CC2: 100@0	24.51	/	Pass
CC1:10 CC2:15	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	24.54	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	24.77	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	24.47	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	24.81	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	24.33	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	24.75	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:1715 CC2:1727	CC1: 50@0 CC2: 75@0	24.38	/	Pass
		CC1:1760.5 CC2:1772.5	CC1: 50@0 CC2: 75@0	24.83	/	Pass
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	30.14	/	Pass
		CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	30.44	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	30.21	/	Pass
		CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	30.43	/	Pass



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	CC1: 64QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	30.18	/	Pass
	CC2: 64QAM	CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	30.47	/	Pass
	CC1: 256QAM	CC1:1715 CC2:1729.4	CC1: 50@0 CC2: 100@0	30.13	/	Pass
	CC2: 256QAM	CC1:1755.6 CC2:1770	CC1: 50@0 CC2: 100@0	32.20	/	Pass
CC1:15 CC2:10	CC1: QPSK	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	24.77	/	Pass
	CC2: QPSK	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	26.87	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	24.63	/	Pass
	CC2: 16QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	24.82	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	24.76	/	Pass
	CC2: 64QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	24.47	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1729.5	CC1: 75@0 CC2: 50@0	24.71	/	Pass
	CC2: 256QAM	CC1:1763 CC2:1775	CC1: 75@0 CC2: 50@0	24.61	/	Pass
CC1:15 CC2:15	CC1: QPSK	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	31.12	/	Pass
	CC2: QPSK	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	31.09	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	30.75	/	Pass
	CC2: 16QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	31.06	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	30.89	/	Pass
	CC2: 64QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	31.04	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1732.5	CC1: 75@0 CC2: 75@0	30.96	/	Pass
	CC2: 256QAM	CC1:1757.5 CC2:1772.5	CC1: 75@0 CC2: 75@0	31.36	/	Pass
CC1:15 CC2:20	CC1: QPSK	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	35.38	/	Pass
	CC2: QPSK	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	35.62	/	Pass
	CC1: 16QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	35.17	/	Pass
	CC2: 16QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	35.35	/	Pass
	CC1: 64QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	35.28	/	Pass



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	CC2: 64QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	35.66	/	Pass
	CC1: 256QAM	CC1:1717.5 CC2:1734.6	CC1: 75@0 CC2: 100@0	35.28	/	Pass
	CC2: 256QAM	CC1:1752.9 CC2:1770	CC1: 75@0 CC2: 100@0	35.34	/	Pass
CC1:20 CC2:5	CC1: QPSK	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	24.41	/	Pass
	CC2: QPSK	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	24.36	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	24.25	/	Pass
	CC2: 16QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	24.36	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	24.46	/	Pass
	CC2: 64QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	26.13	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1731.7	CC1: 100@0 CC2: 25@0	24.12	/	Pass
	CC2: 256QAM	CC1:1765.8 CC2:1777.5	CC1: 100@0 CC2: 25@0	24.15	/	Pass
CC1:20 CC2:10	CC1: QPSK	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	30.32	/	Pass
	CC2: QPSK	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	30.49	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	30.48	/	Pass
	CC2: 16QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	31.32	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	30.41	/	Pass
	CC2: 64QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	30.26	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1734.4	CC1: 100@0 CC2: 50@0	30.42	/	Pass
	CC2: 256QAM	CC1:1760.6 CC2:1775	CC1: 100@0 CC2: 50@0	30.55	/	Pass
CC1:20 CC2:15	CC1: QPSK	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	35.33	/	Pass
	CC2: QPSK	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	35.92	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	35.37	/	Pass
	CC2: 16QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	35.58	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	35.33	/	Pass
	CC2: 64QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	35.35	/	Pass



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CC1:20 CC2:20	CC1: 256QAM	CC1:1720 CC2:1737.1	CC1: 100@0 CC2: 75@0	35.34	/	Pass
	CC2: 256QAM	CC1:1755.4 CC2:1772.5	CC1: 100@0 CC2: 75@0	35.34	/	Pass
	CC1: QPSK	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	40.44	/	Pass
	CC2: QPSK	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	40.67	/	Pass
	CC1: 16QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	40.32	/	Pass
	CC2: 16QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	40.58	/	Pass
	CC1: 64QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	40.30	/	Pass
	CC2: 64QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	40.32	/	Pass
	CC1: 256QAM	CC1:1720 CC2:1739.8	CC1: 100@0 CC2: 100@0	40.28	/	Pass
	CC2: 256QAM	CC1:1750.2 CC2:1770	CC1: 100@0 CC2: 100@0	40.52	/	Pass



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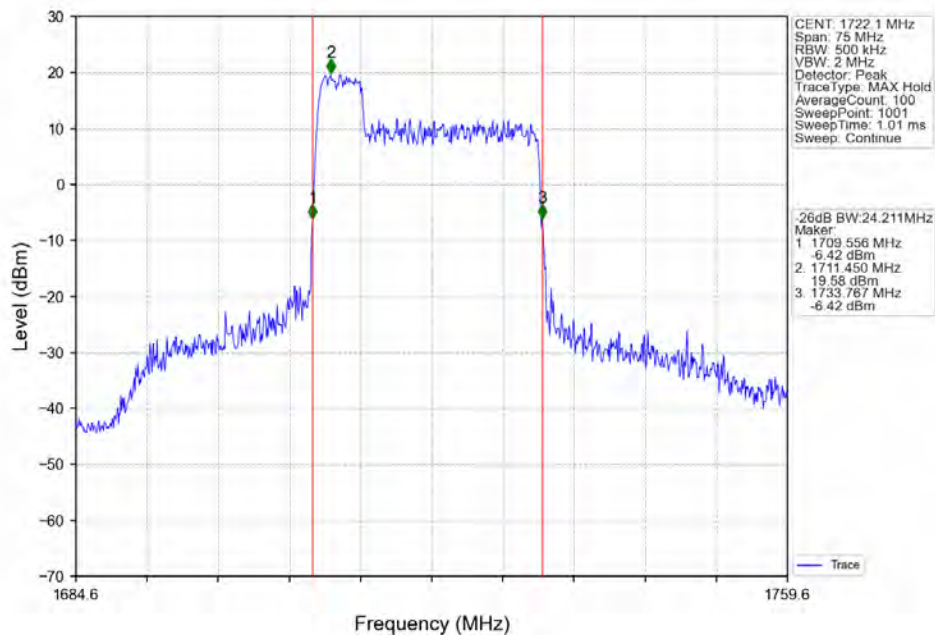
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2.2.2 Test Graph

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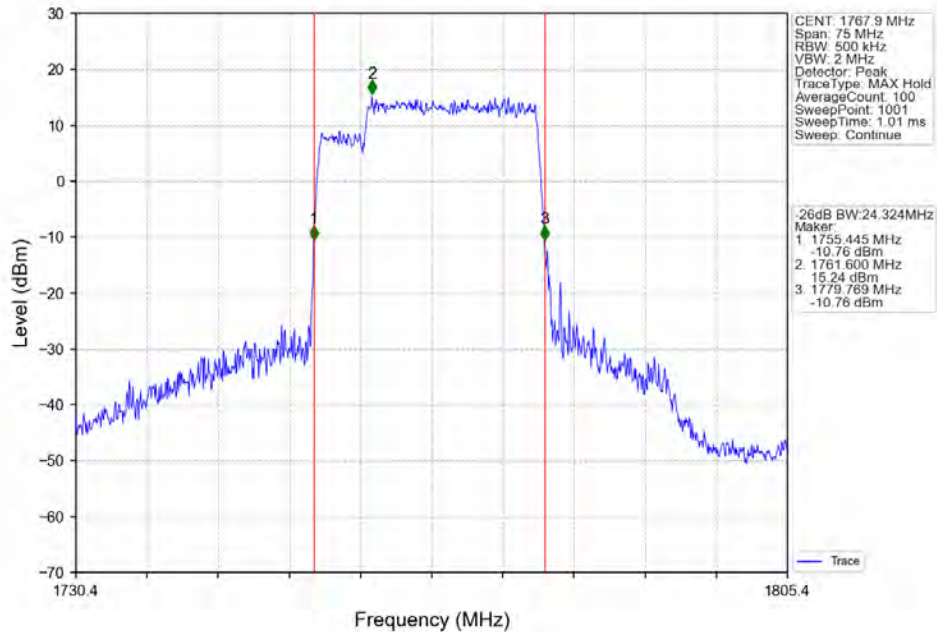
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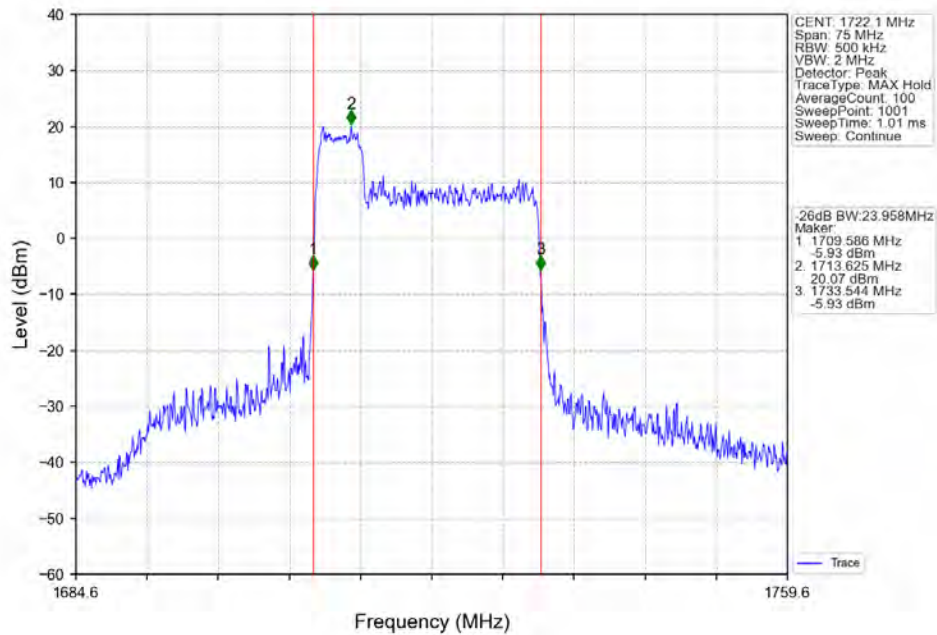
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CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:1758.3 CC2:1770MHz_CC1: 25@0 CC2: 100@0



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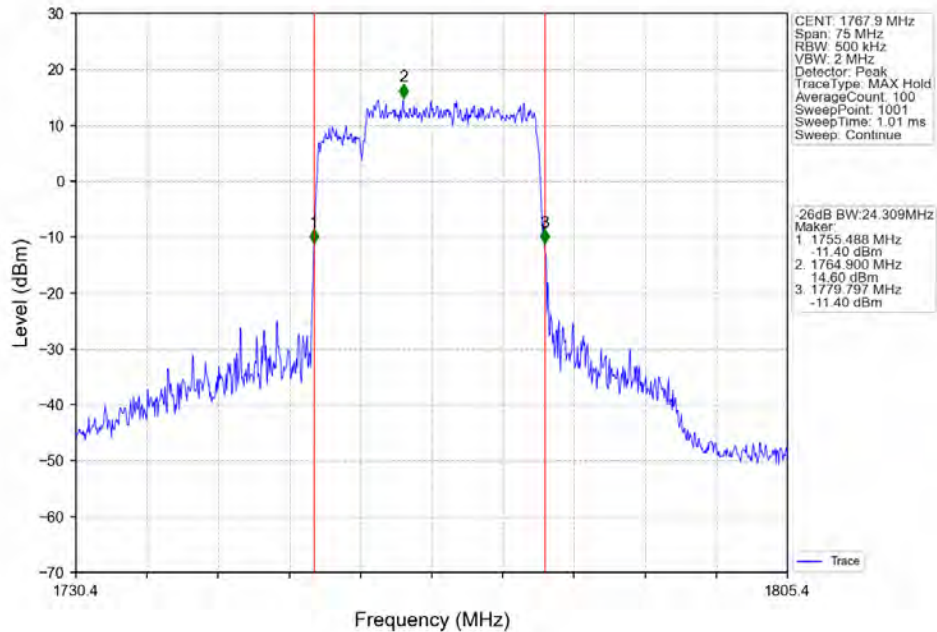
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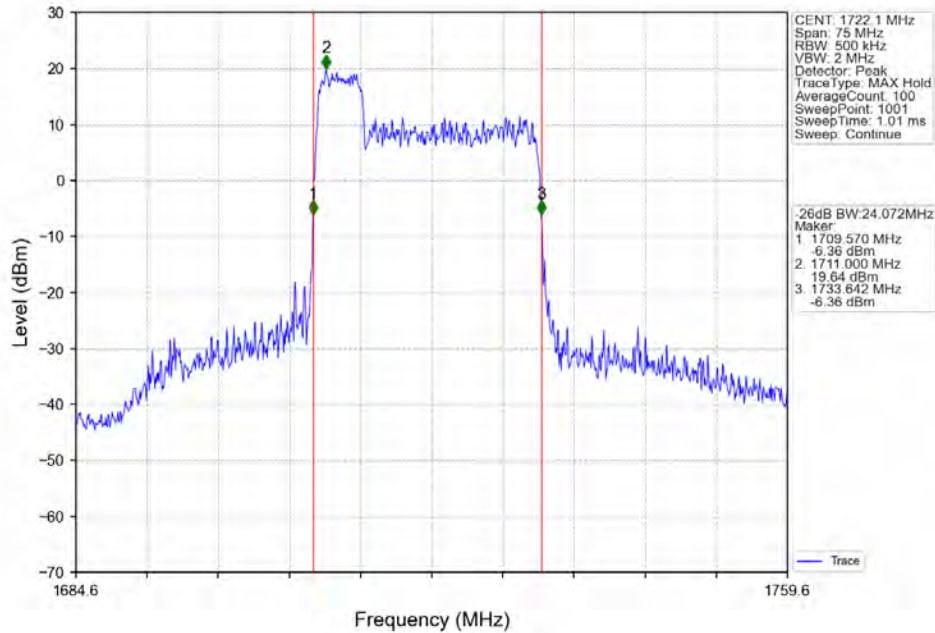
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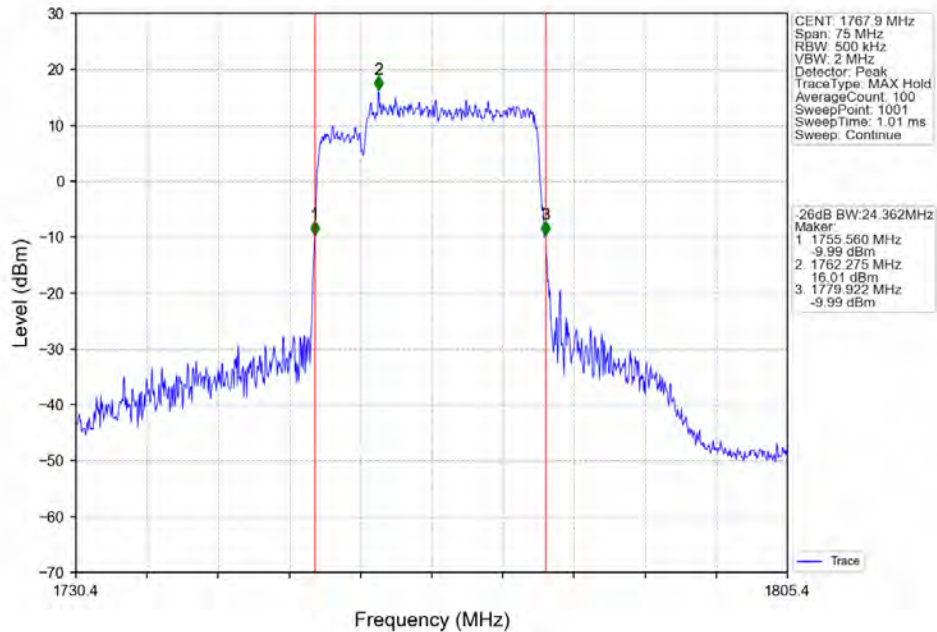
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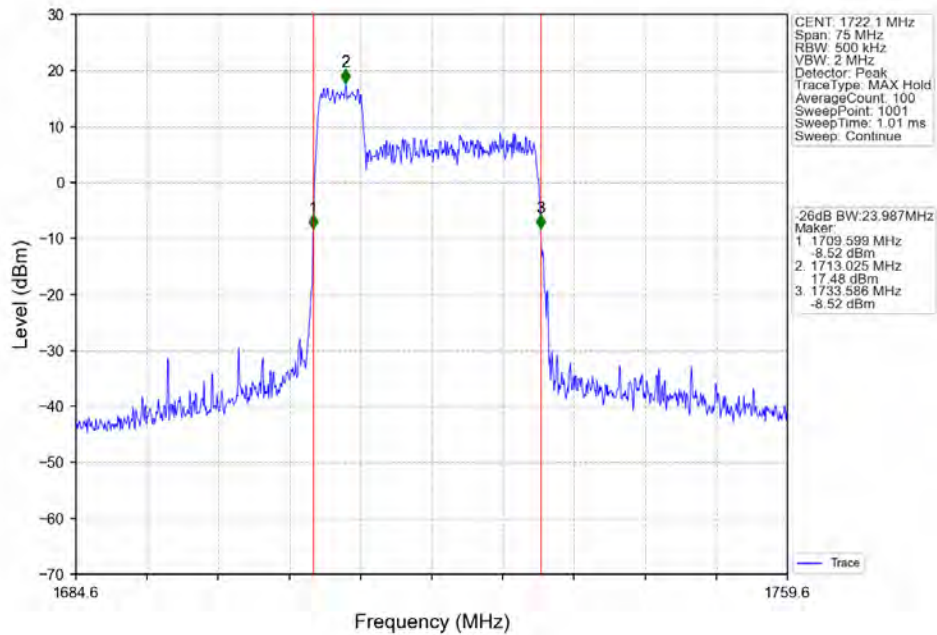
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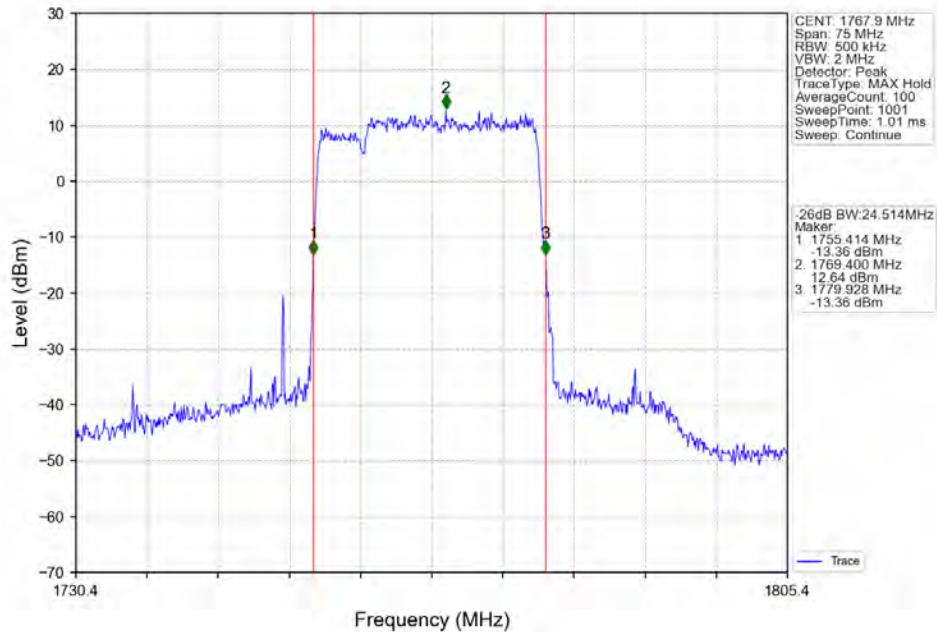
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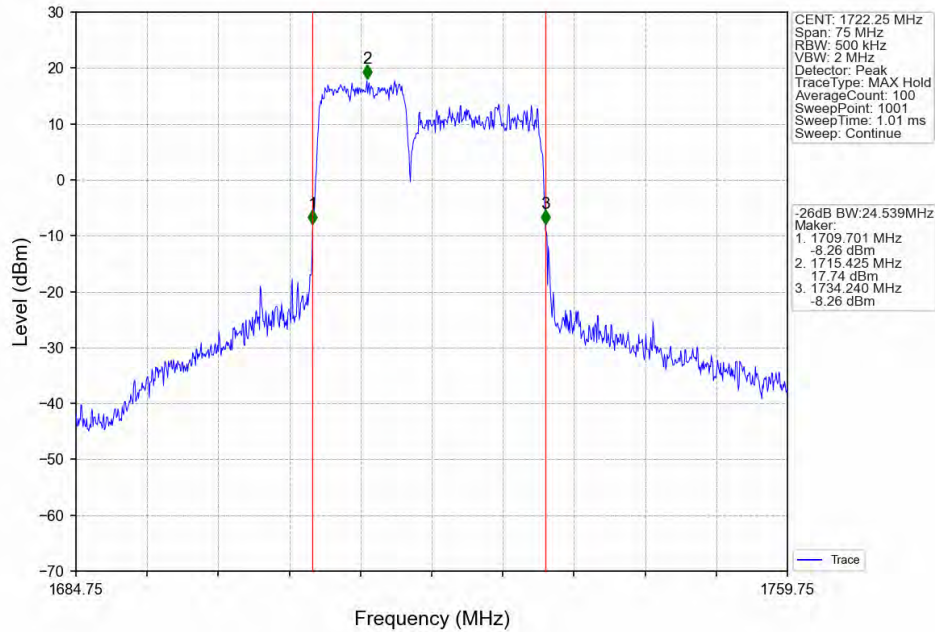
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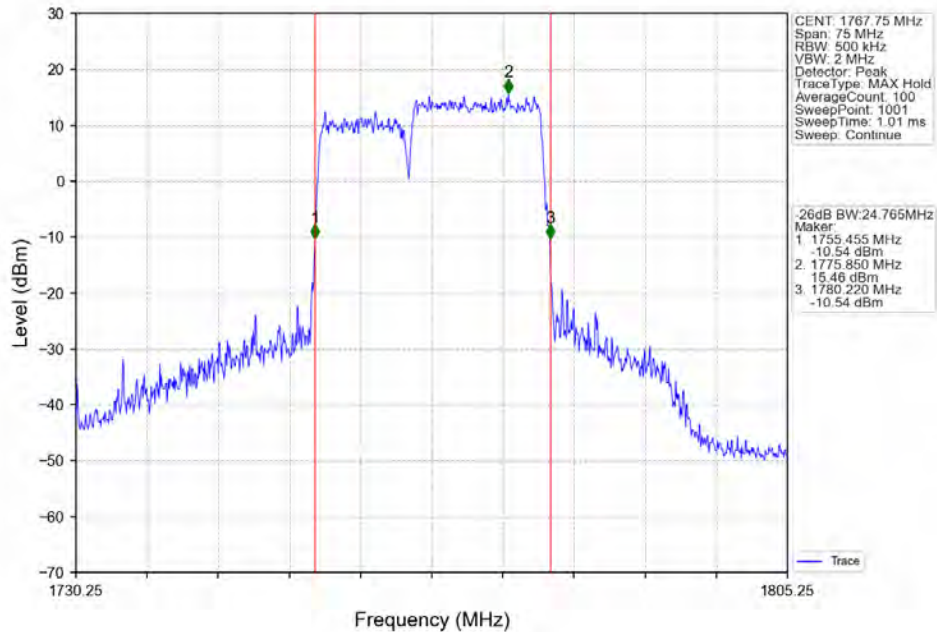
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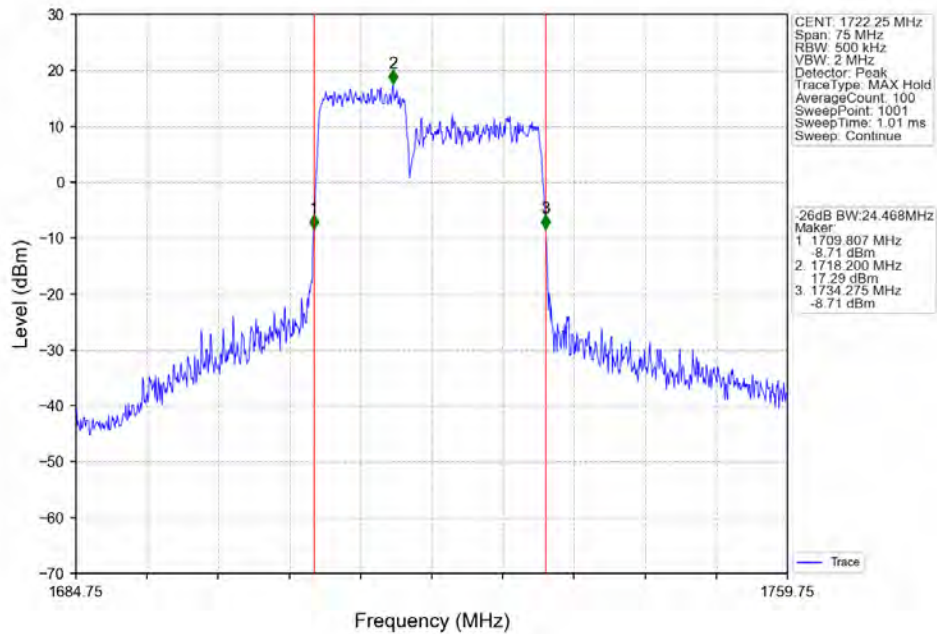
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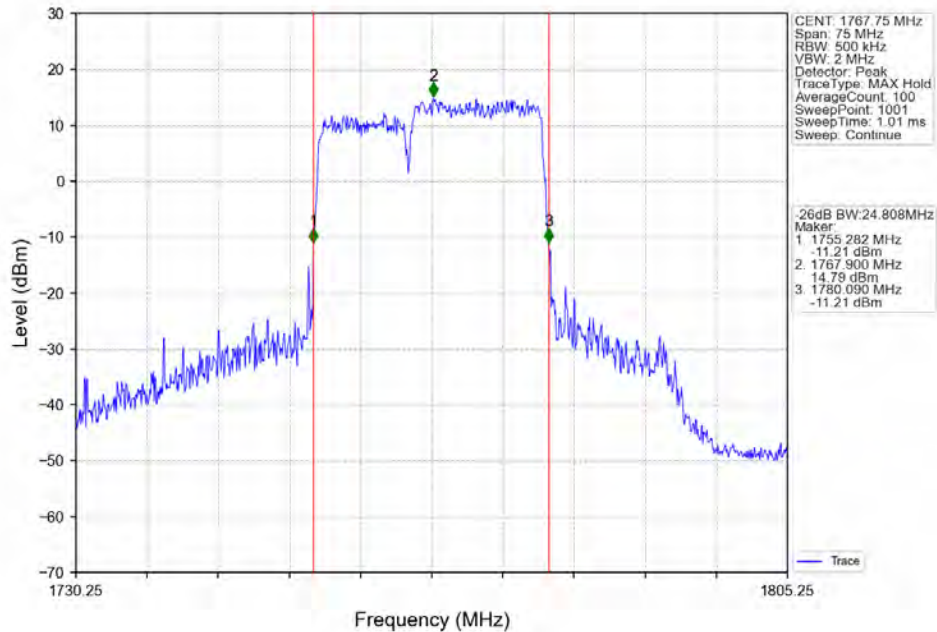
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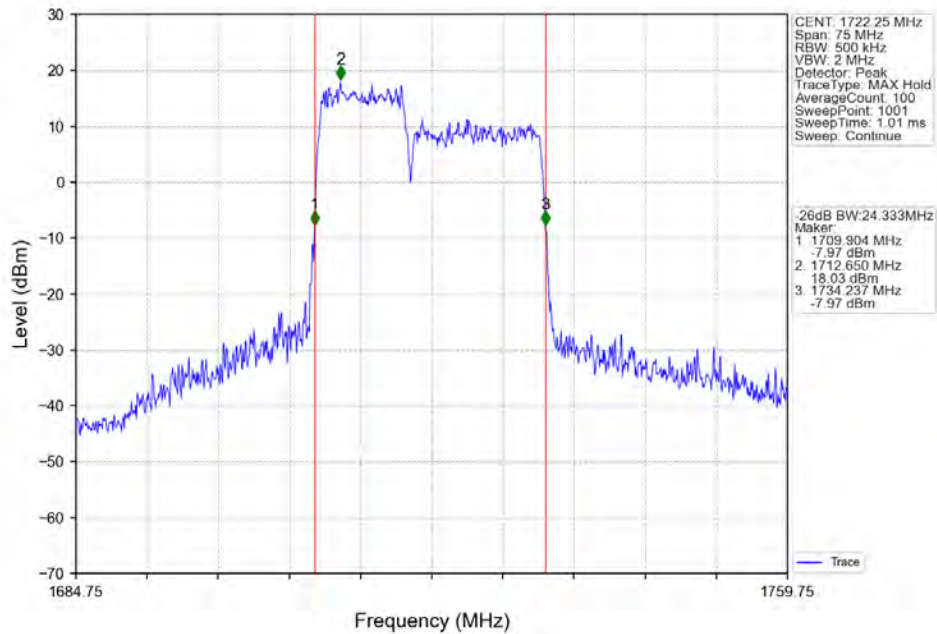
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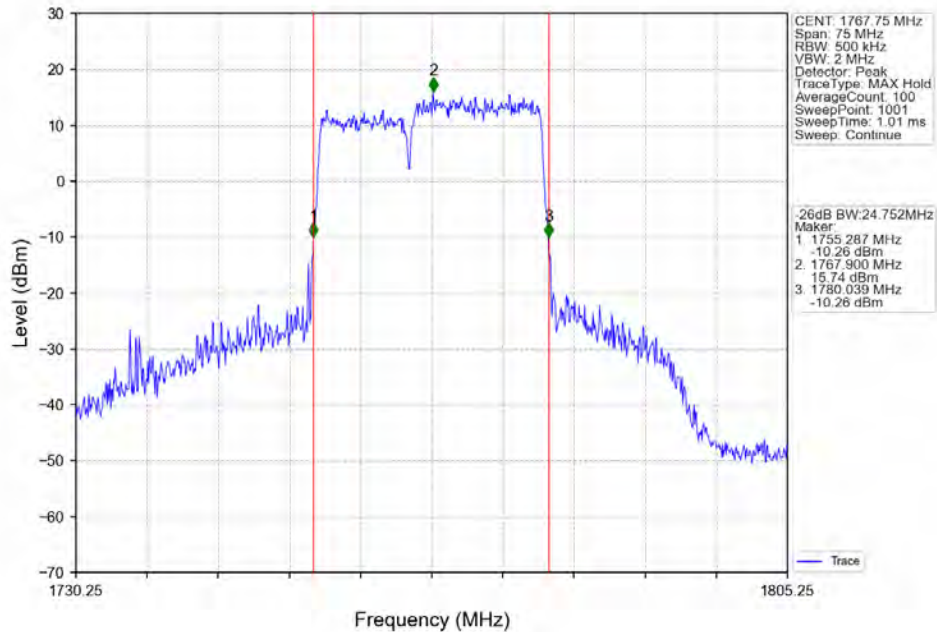
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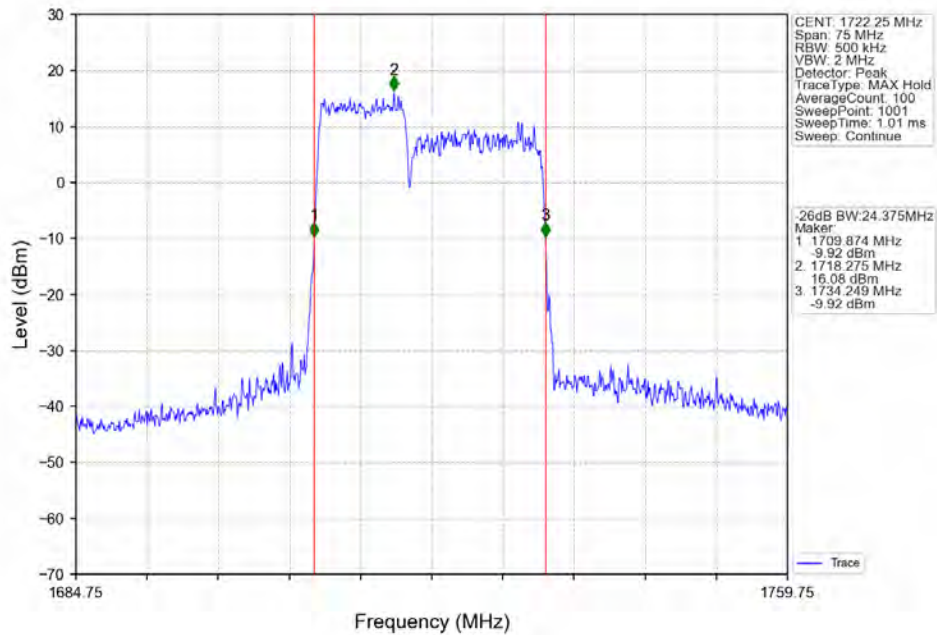
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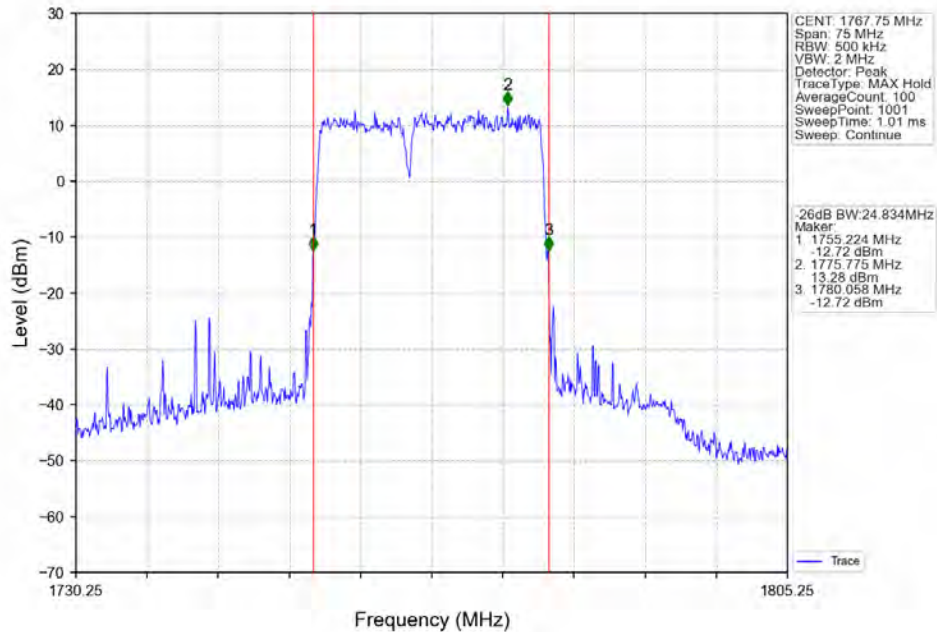
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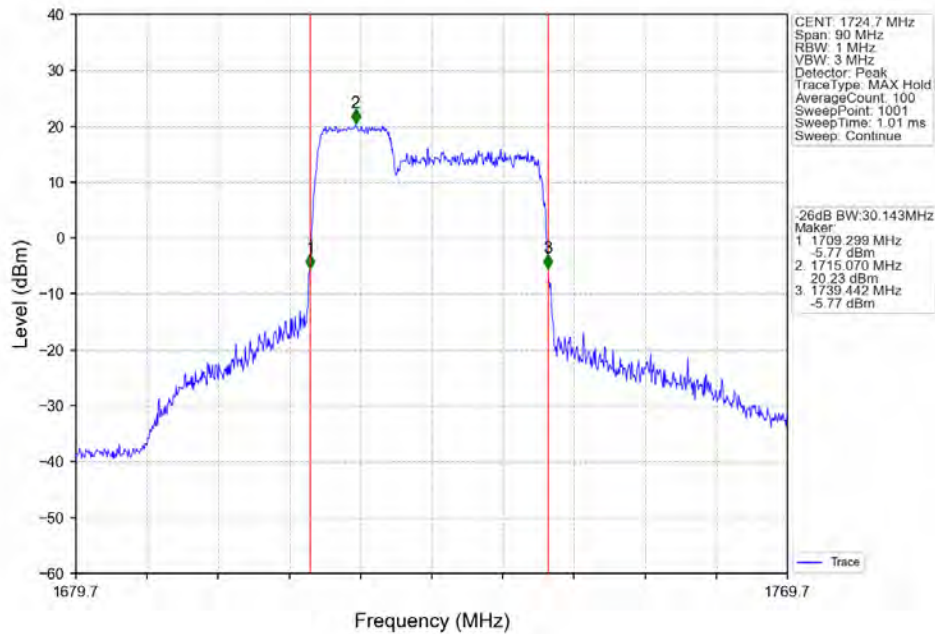
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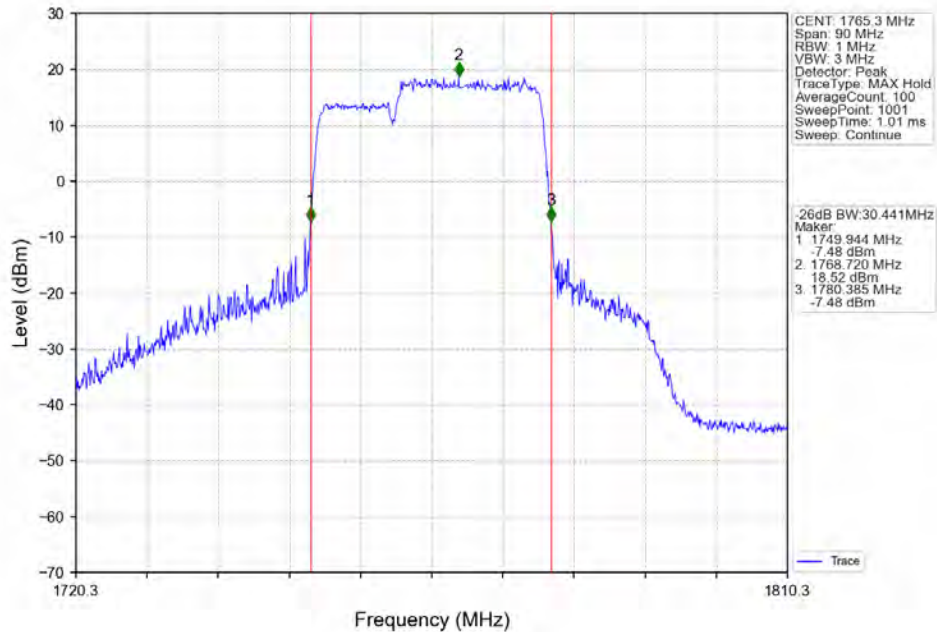
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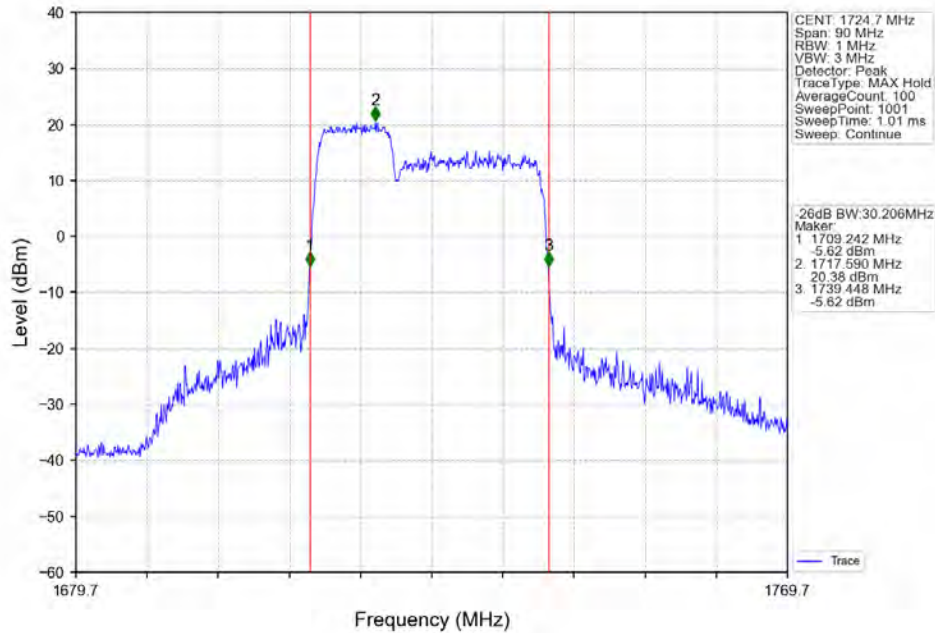
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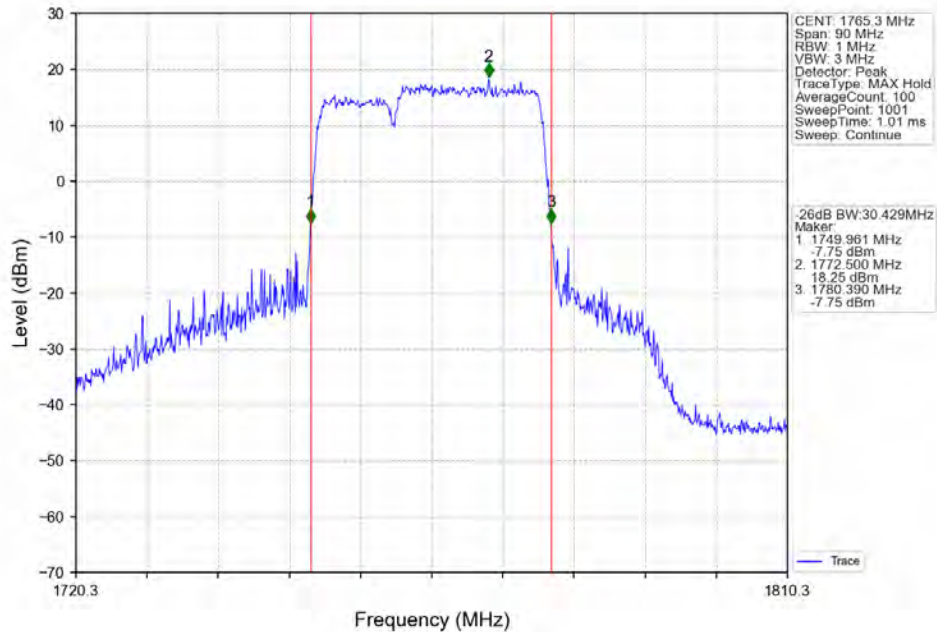
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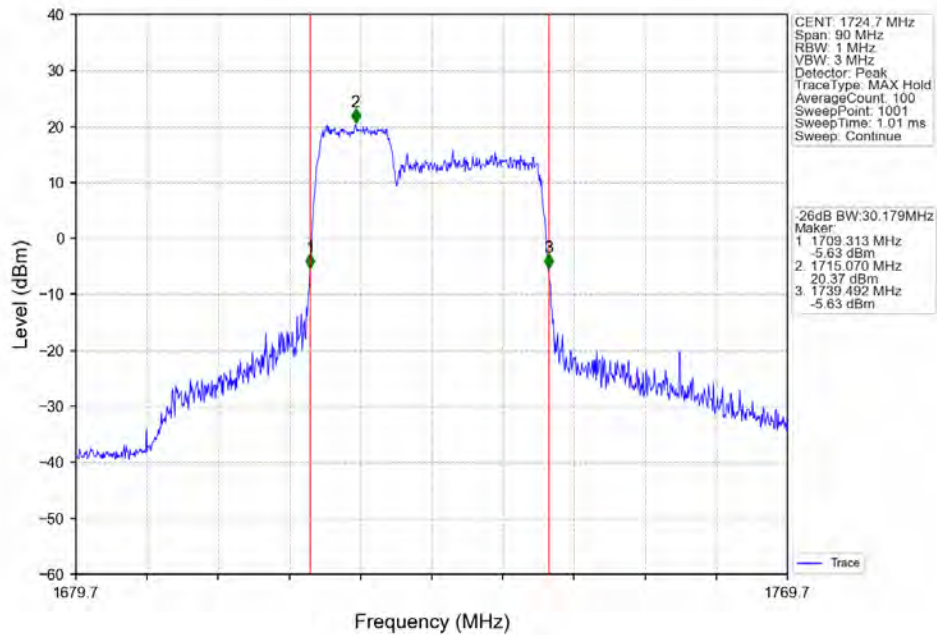
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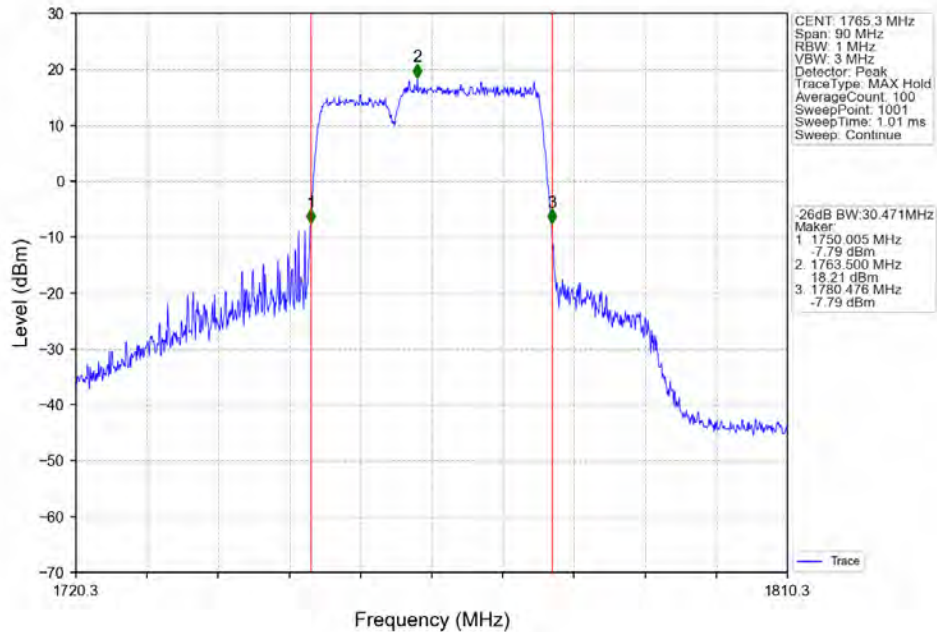
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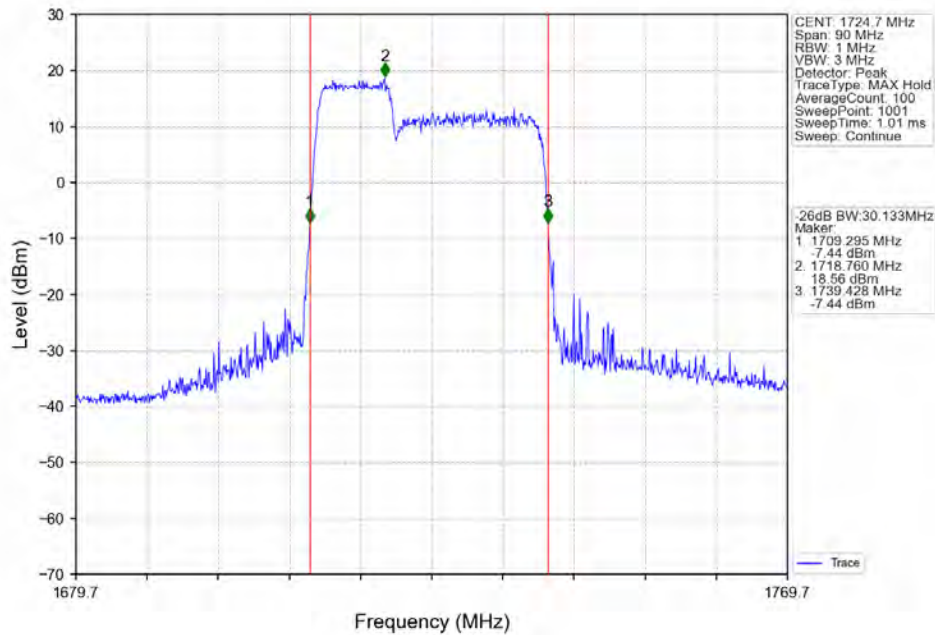
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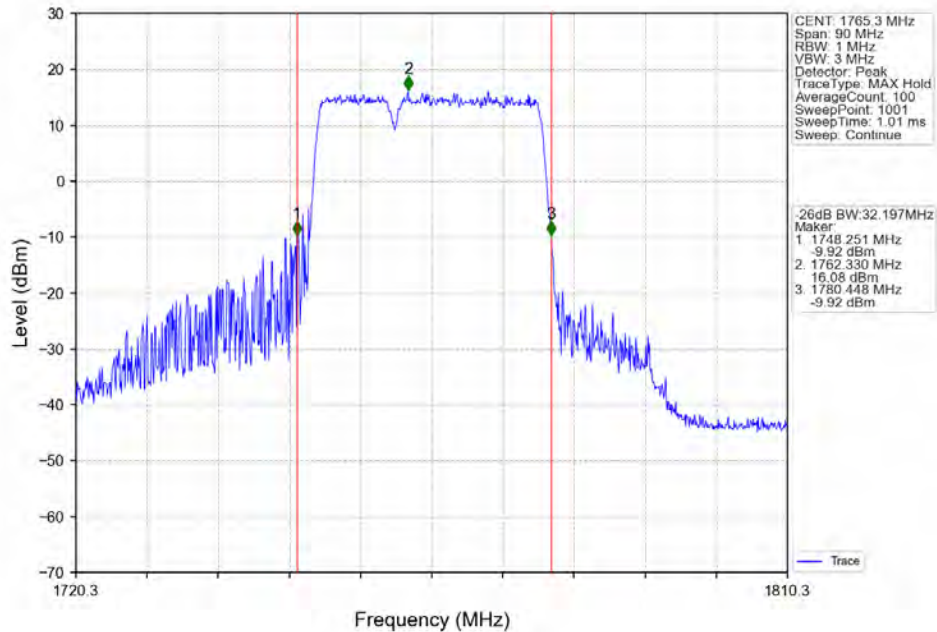
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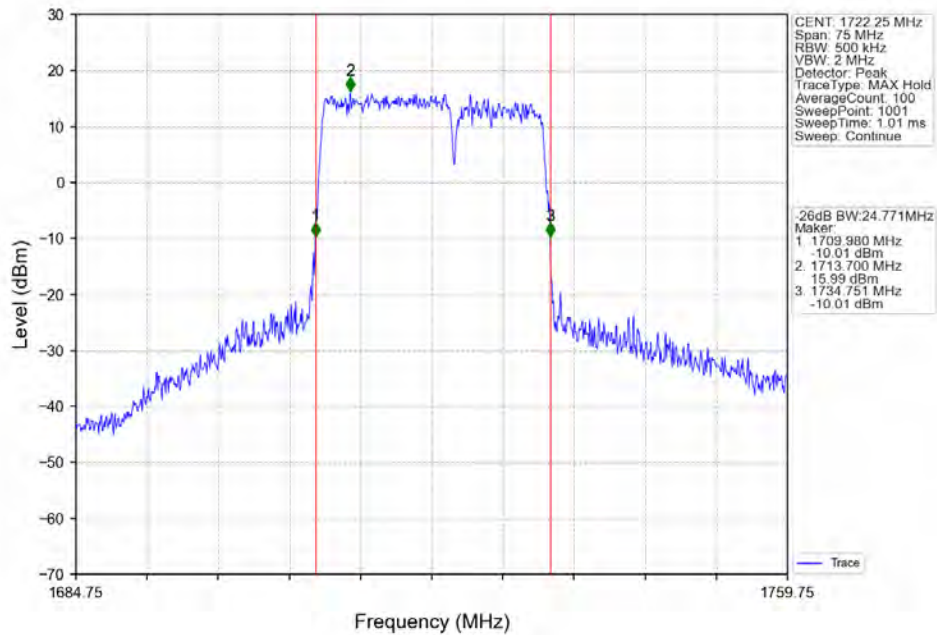
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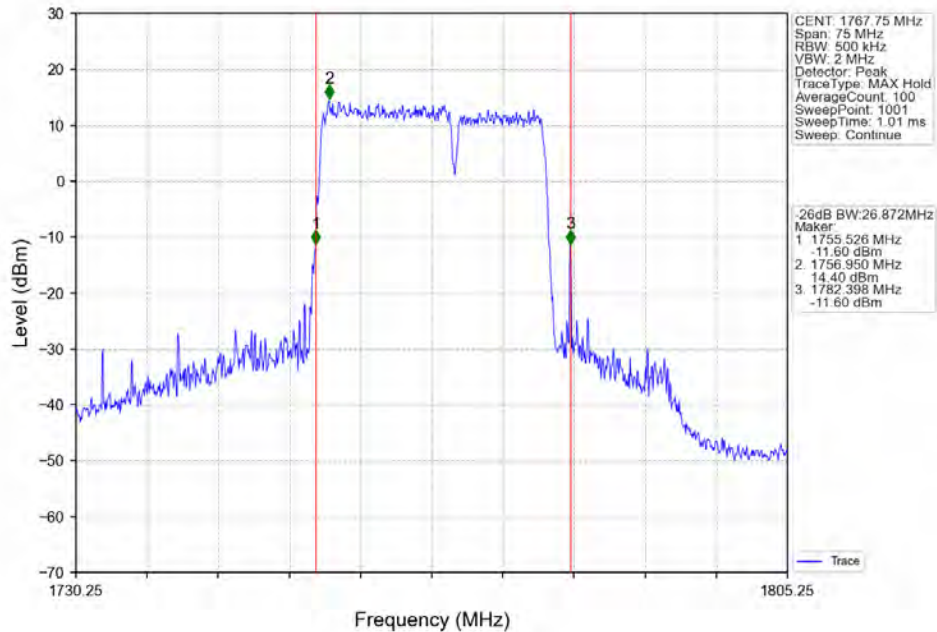
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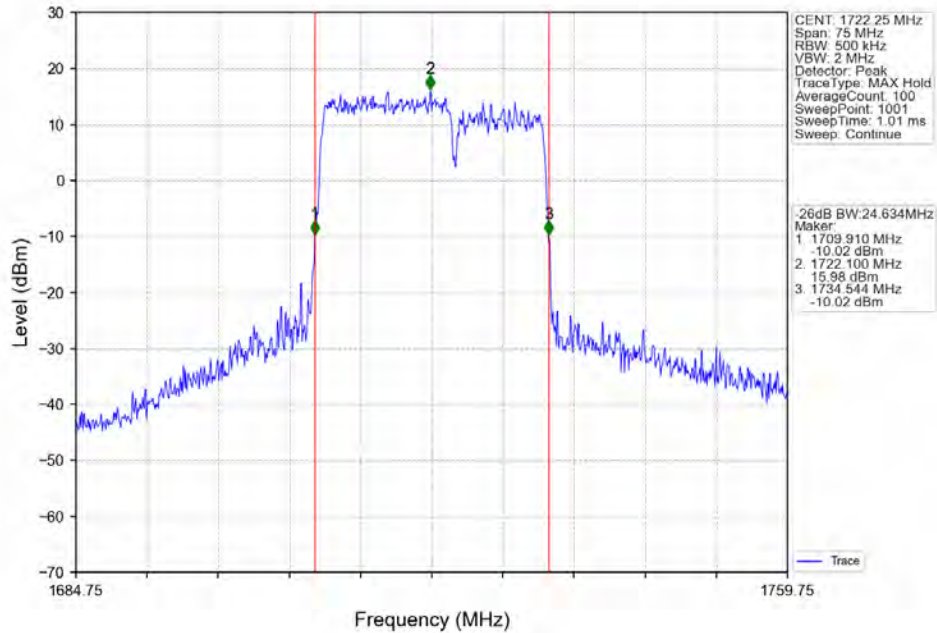
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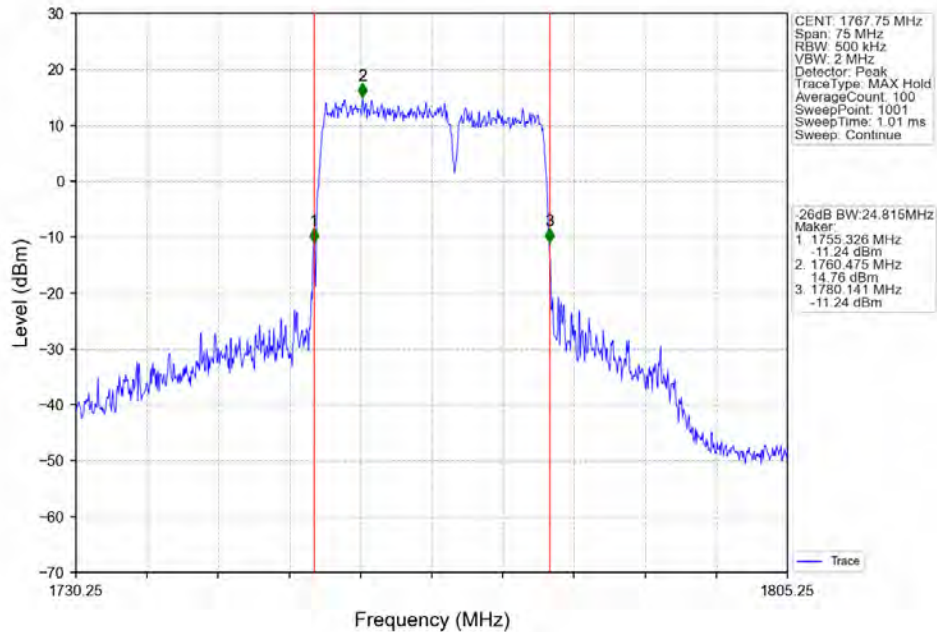
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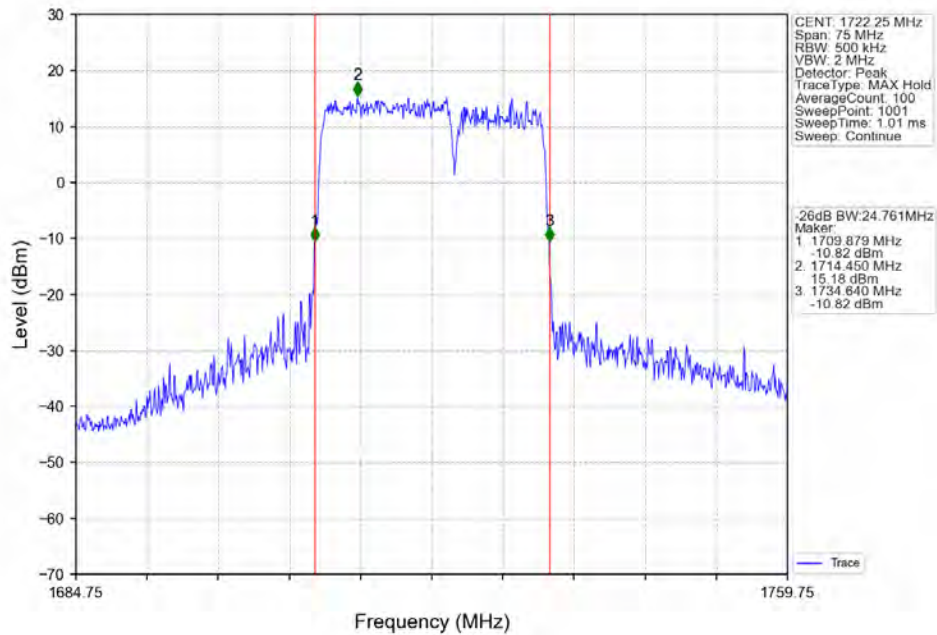
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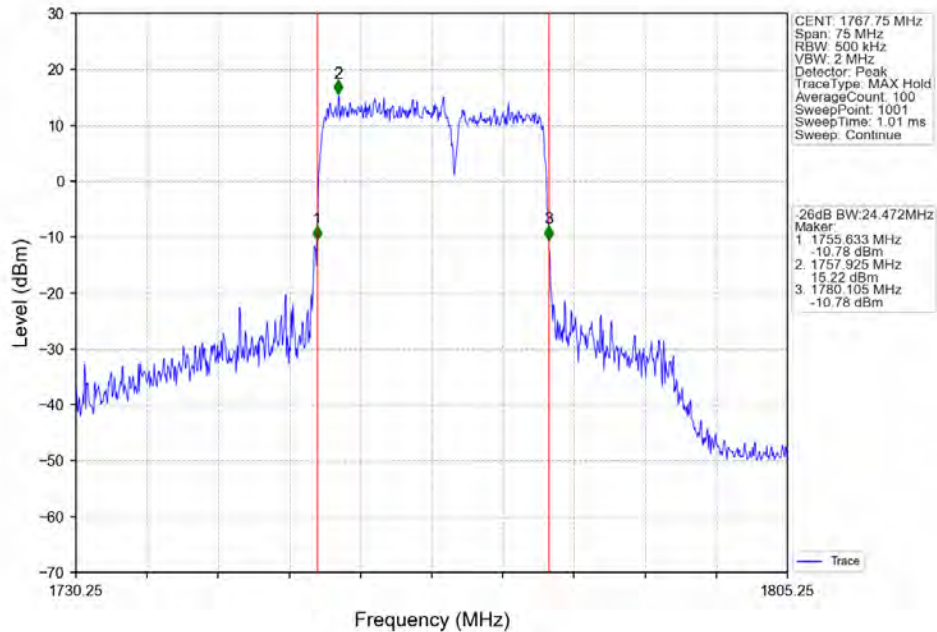
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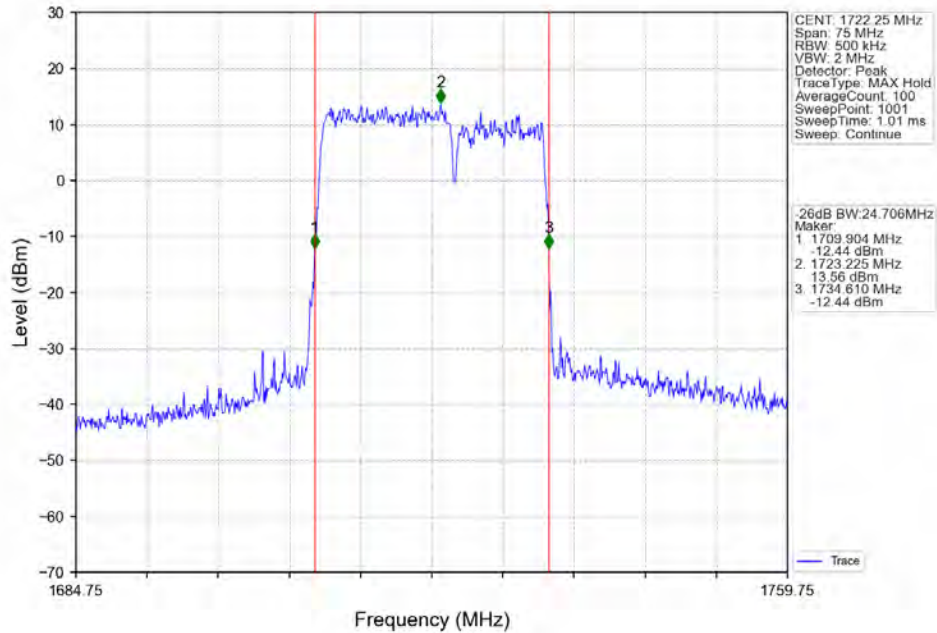
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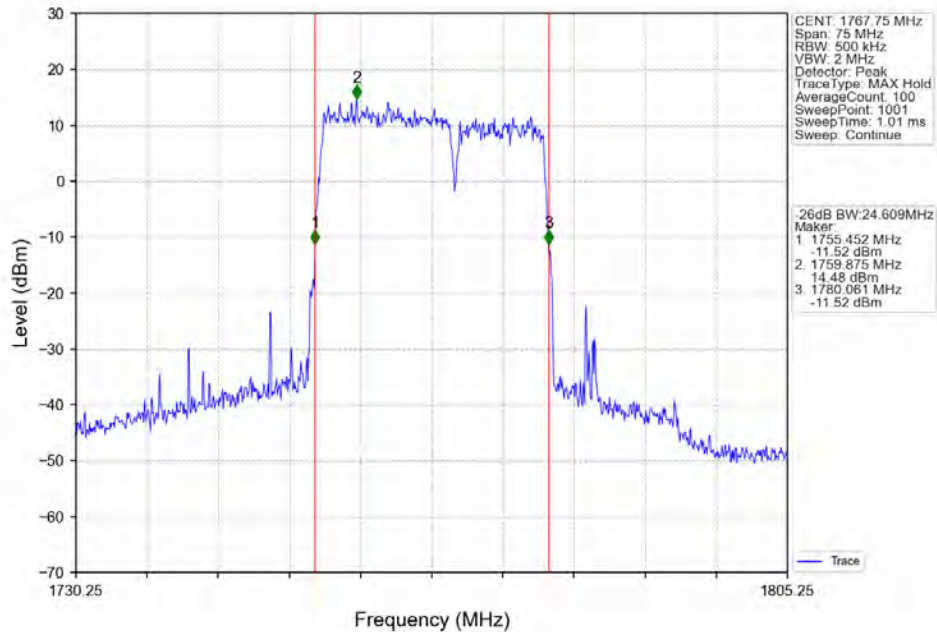
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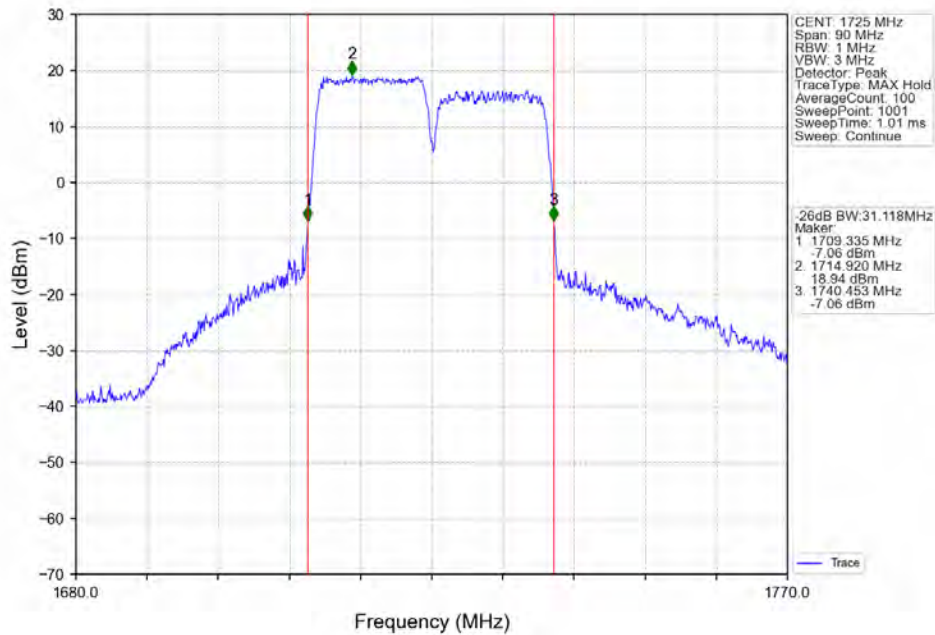
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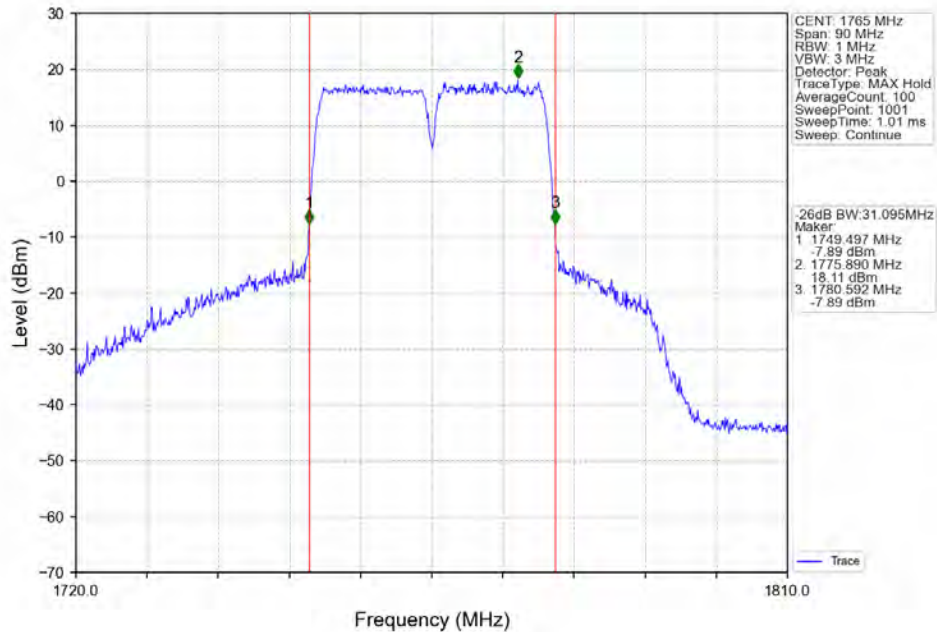
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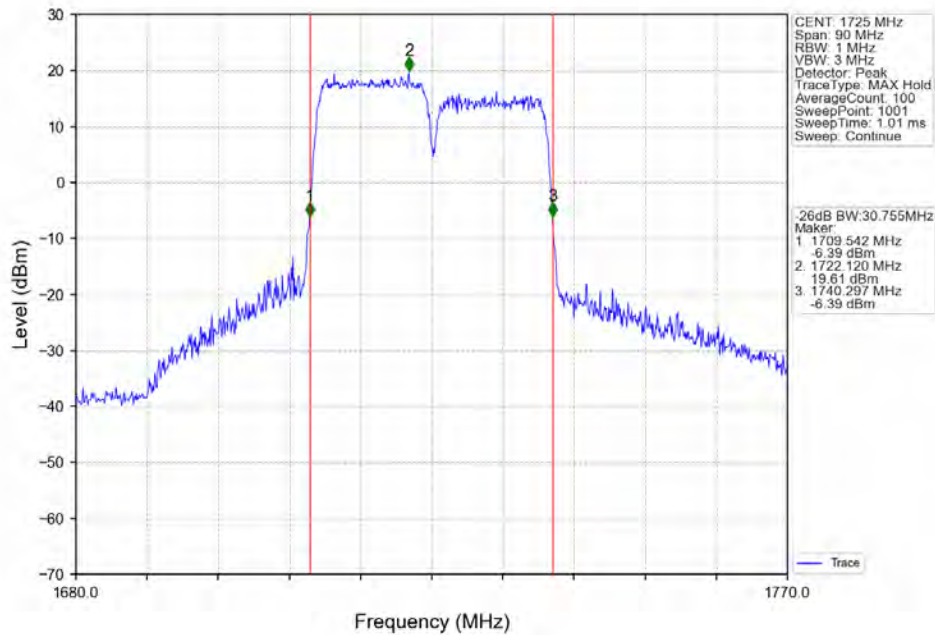
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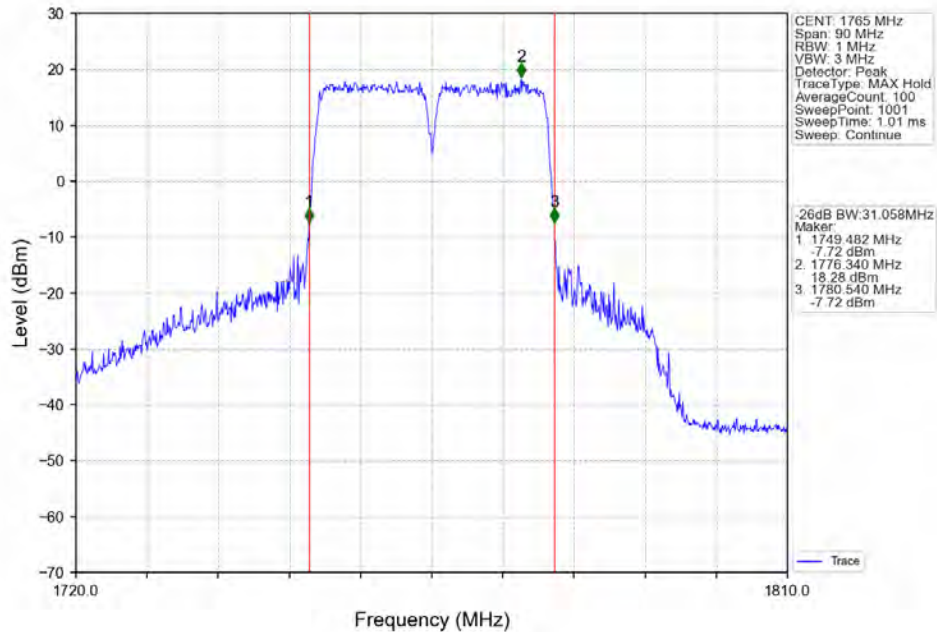
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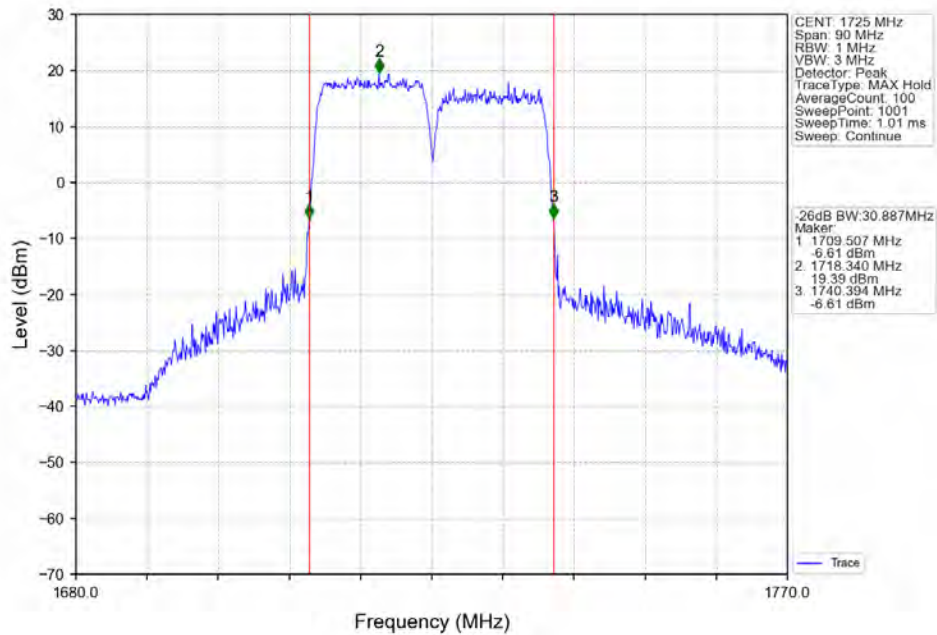
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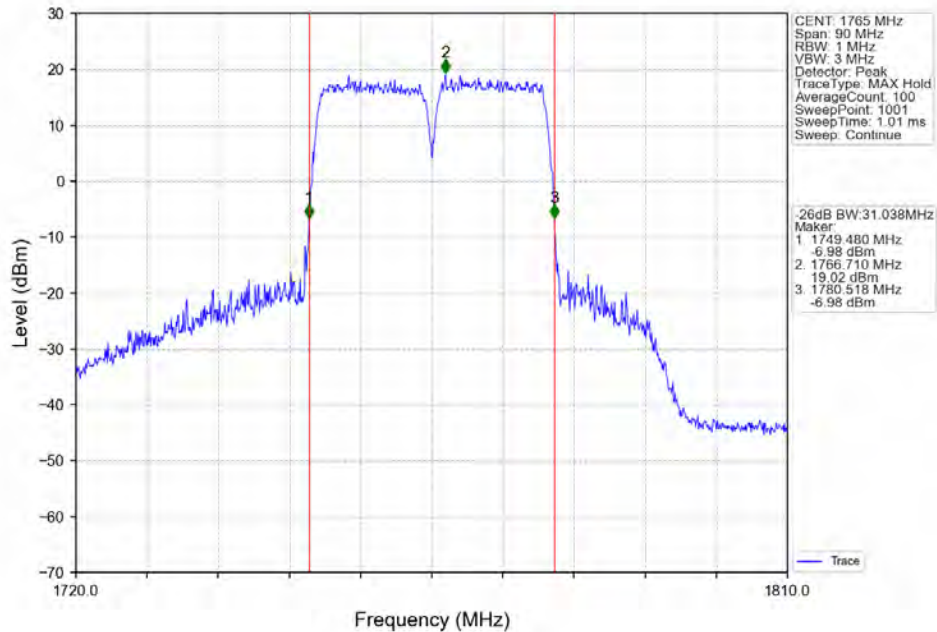
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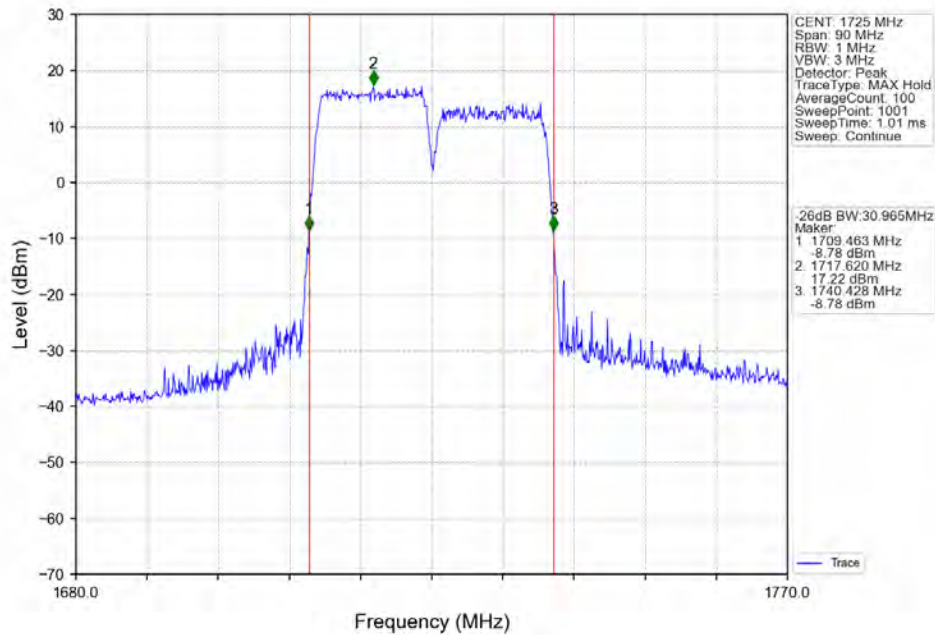
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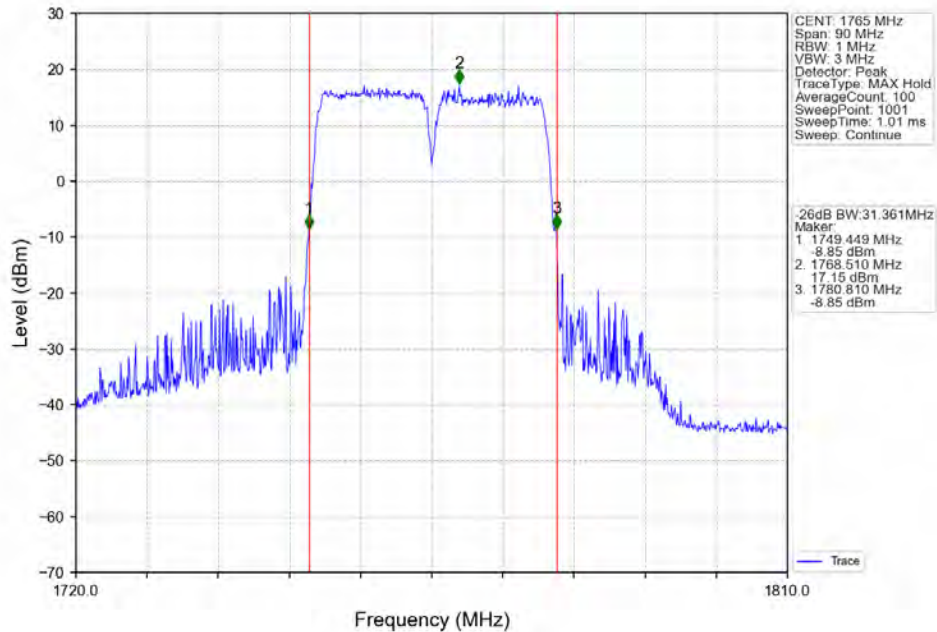
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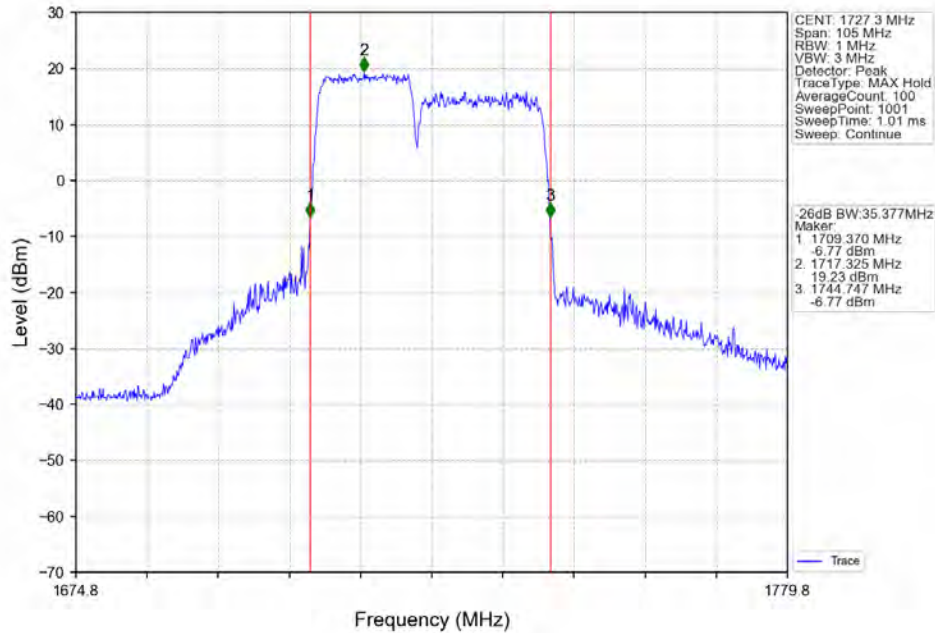
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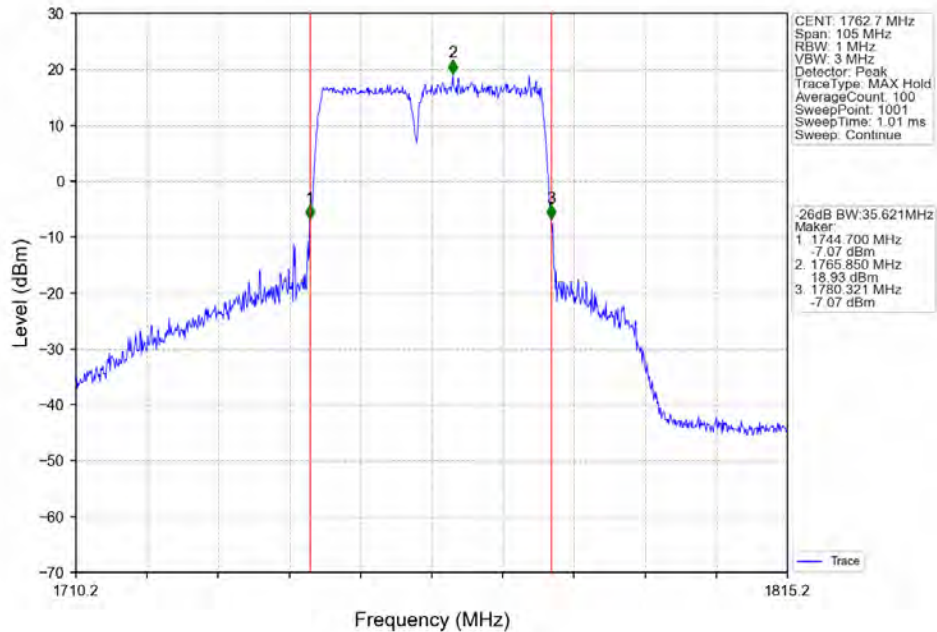
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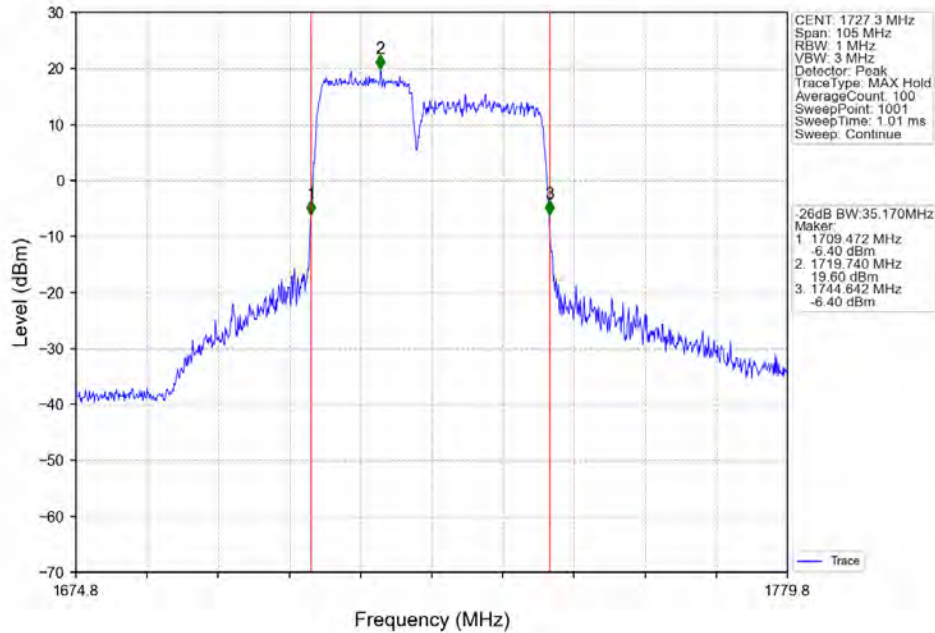
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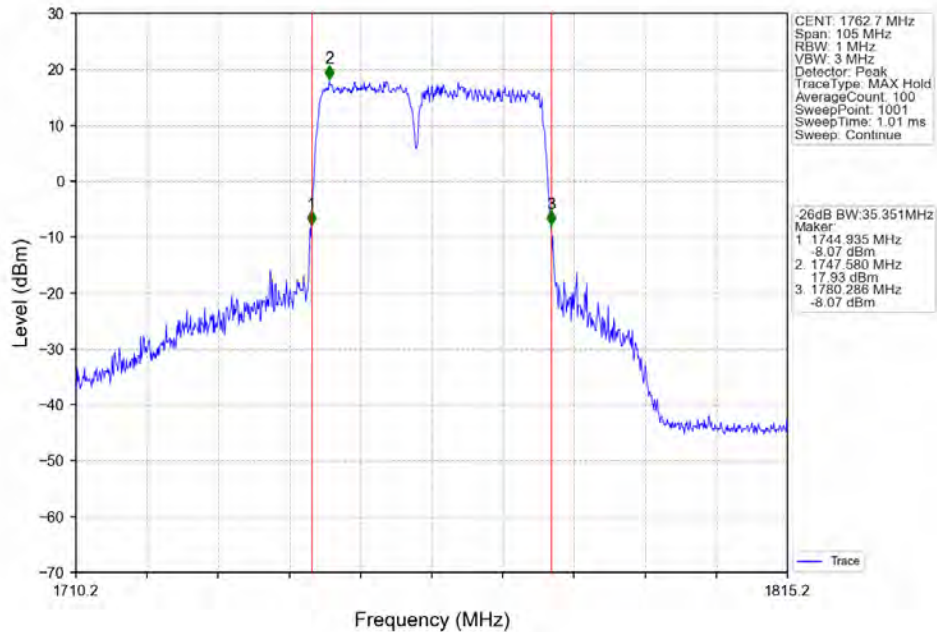
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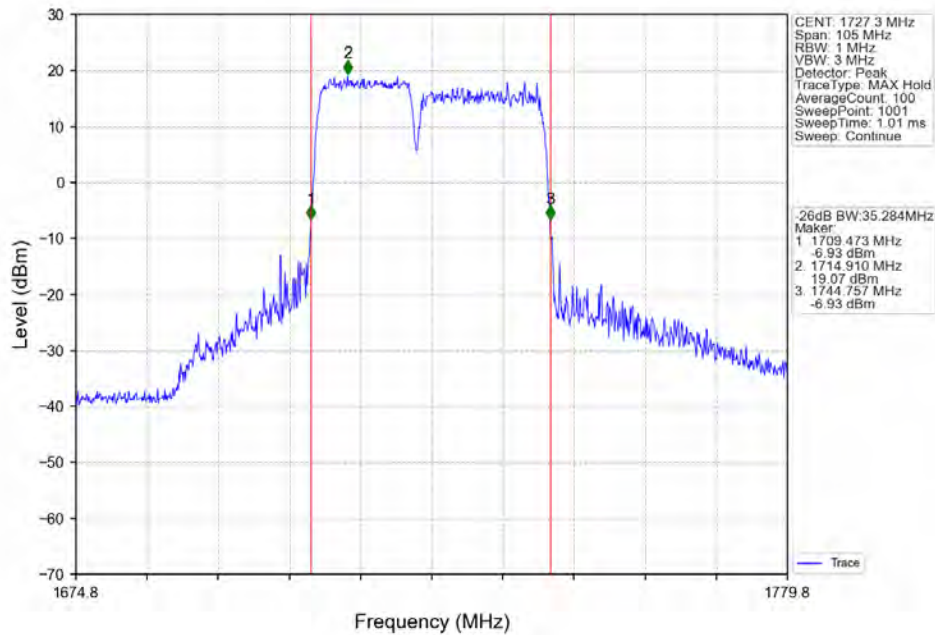
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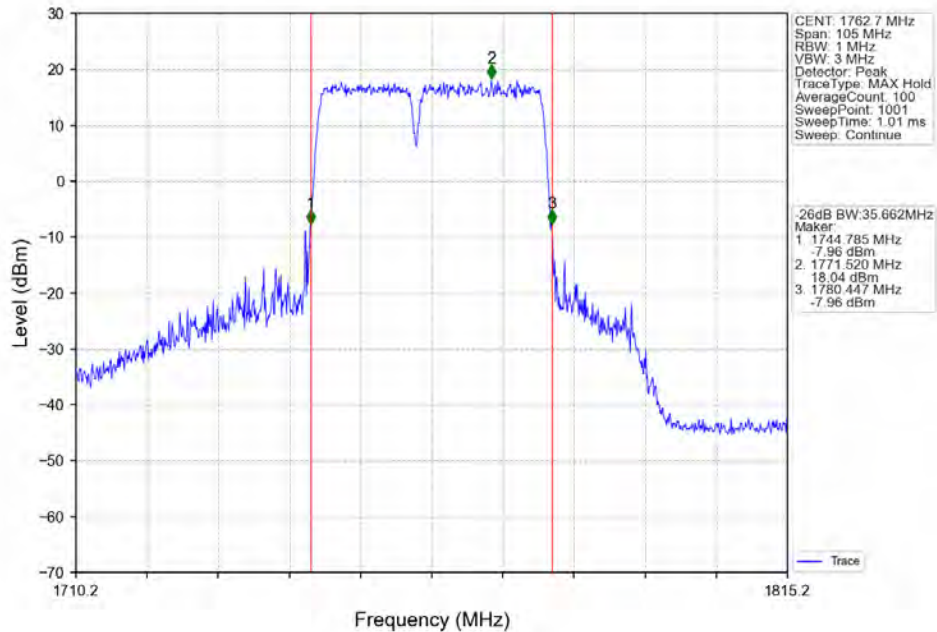
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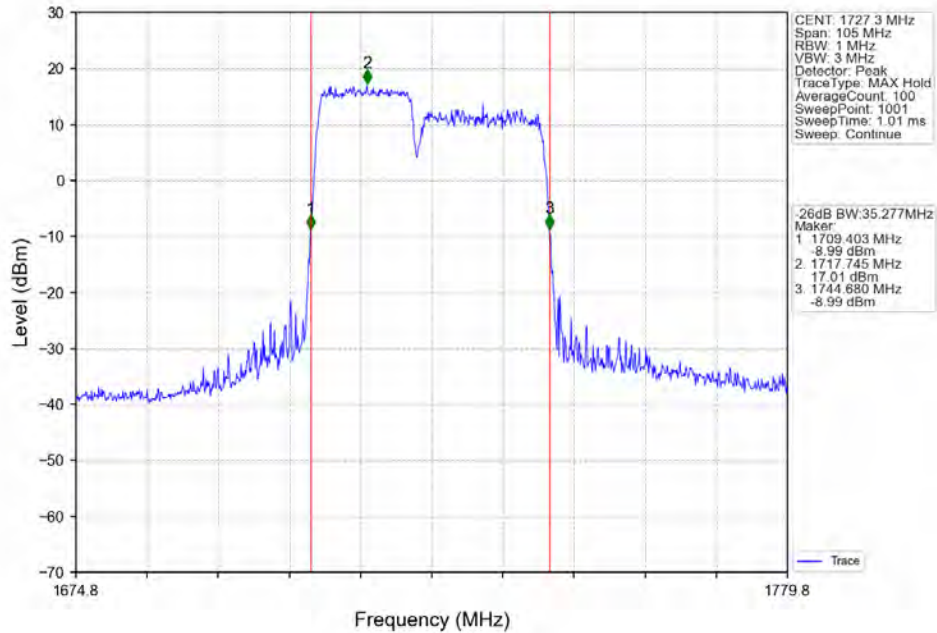
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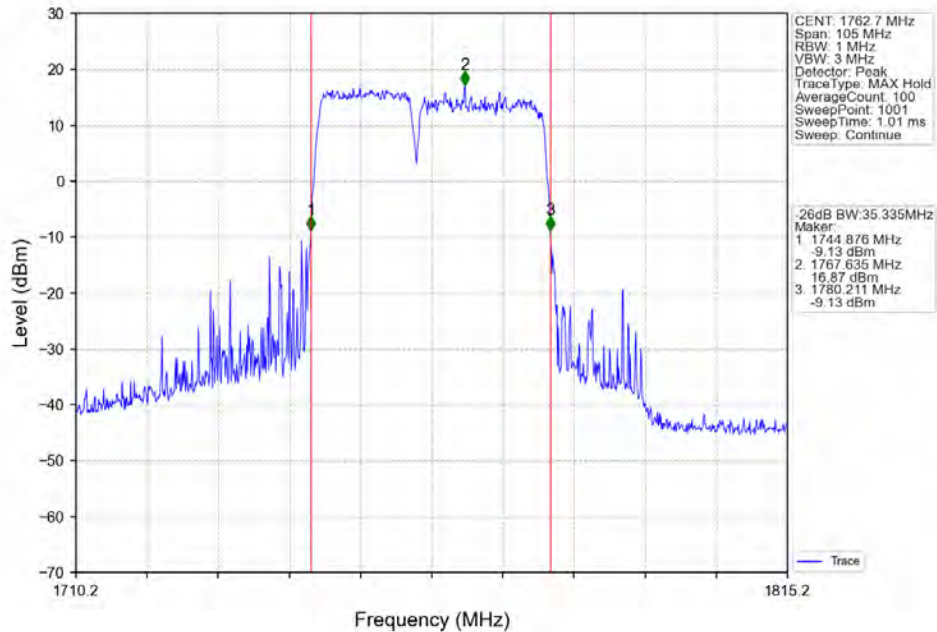
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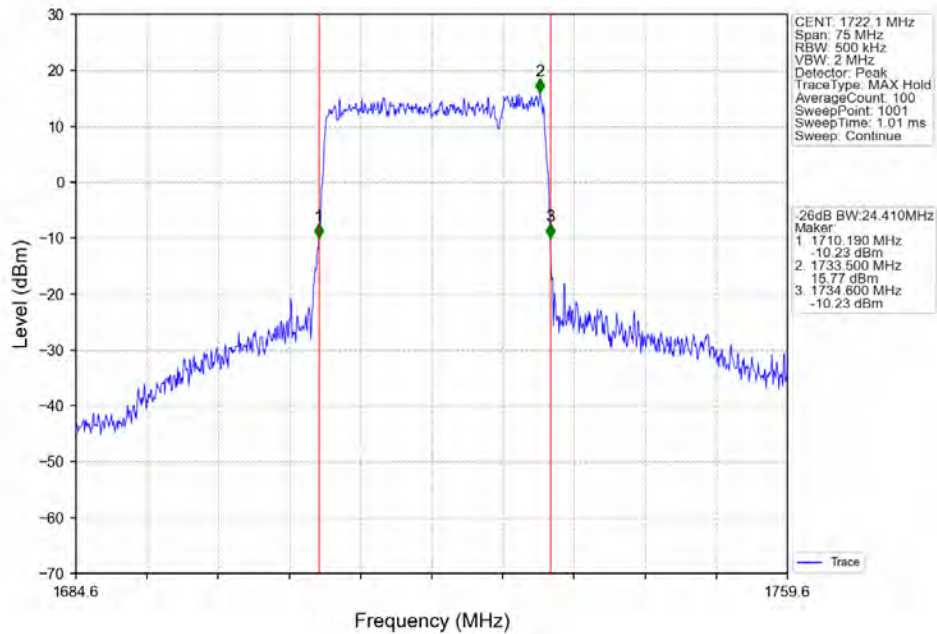
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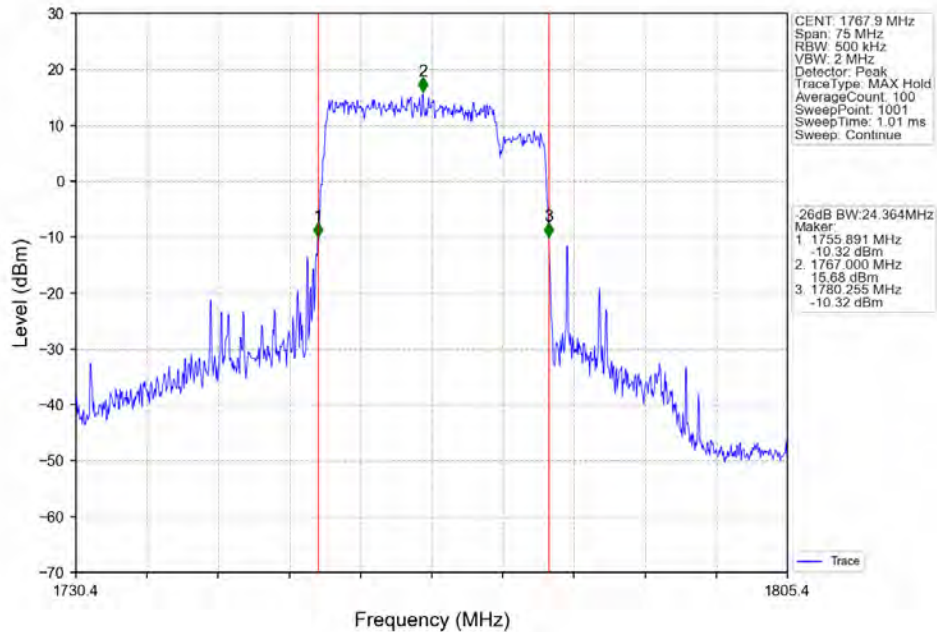
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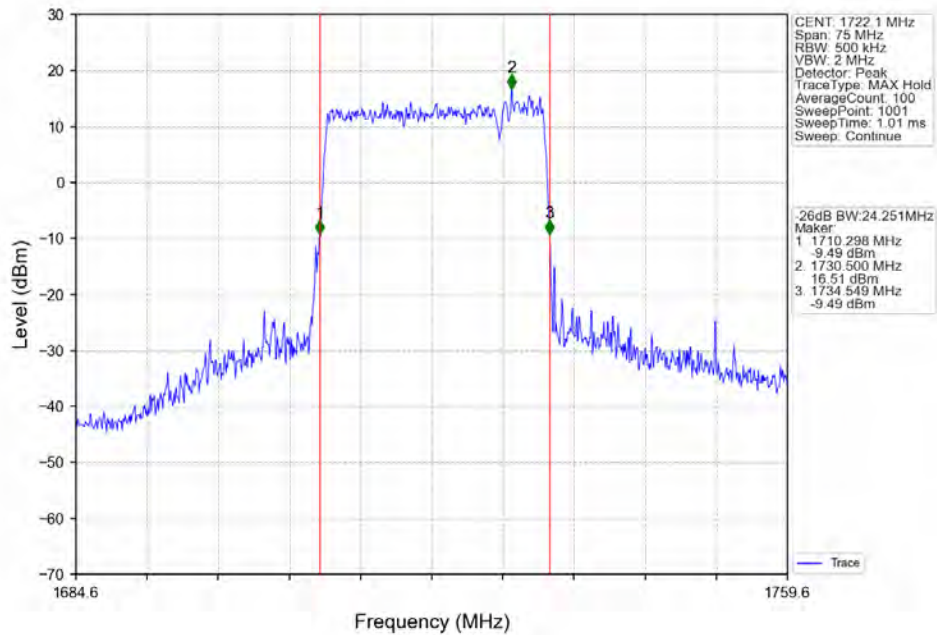
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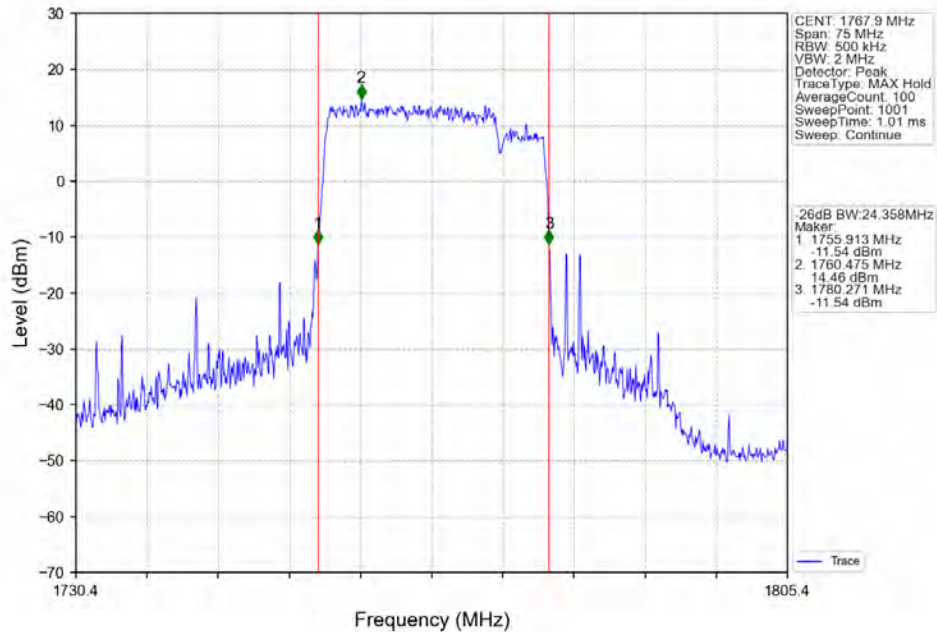
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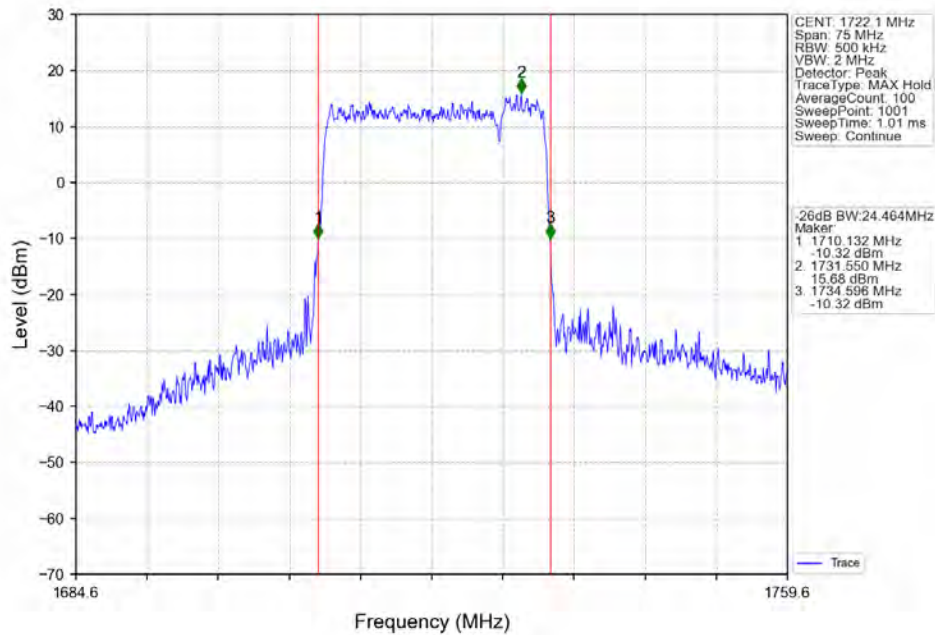
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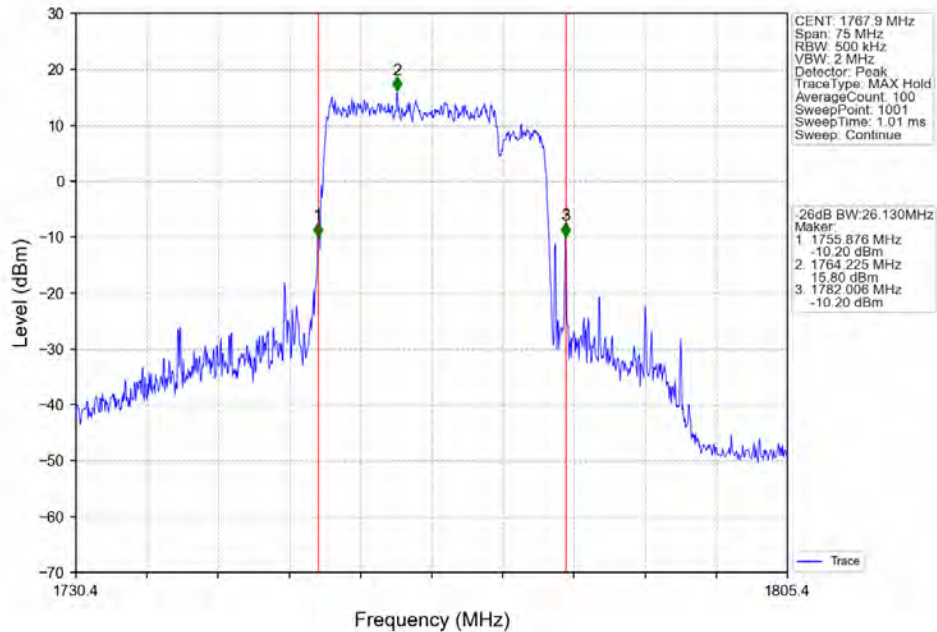
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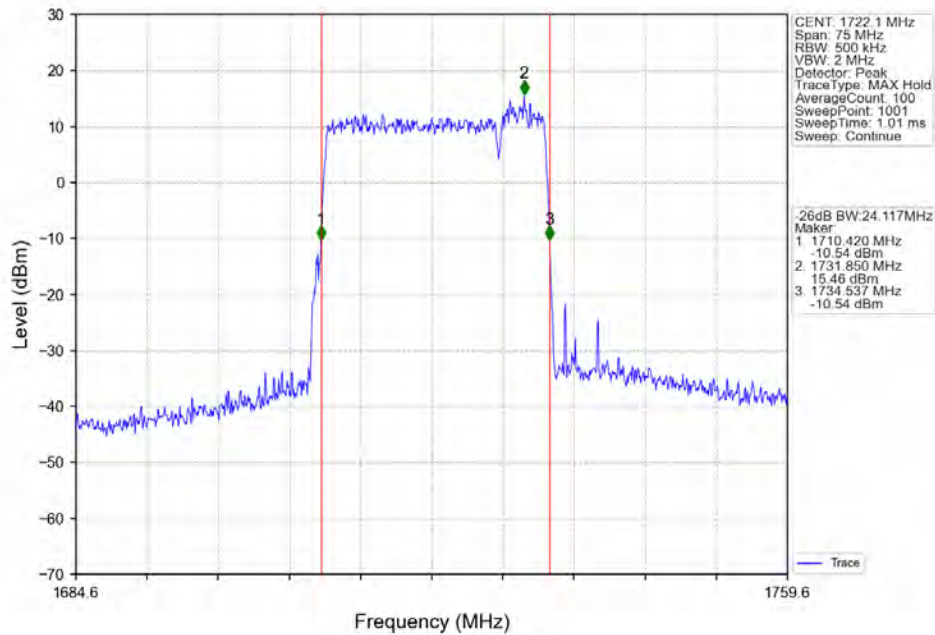
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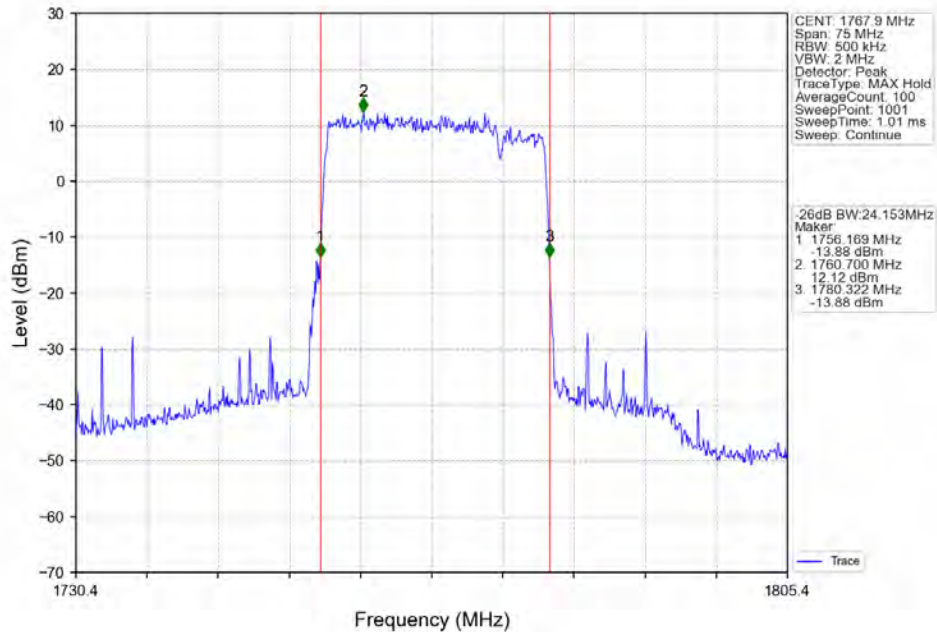
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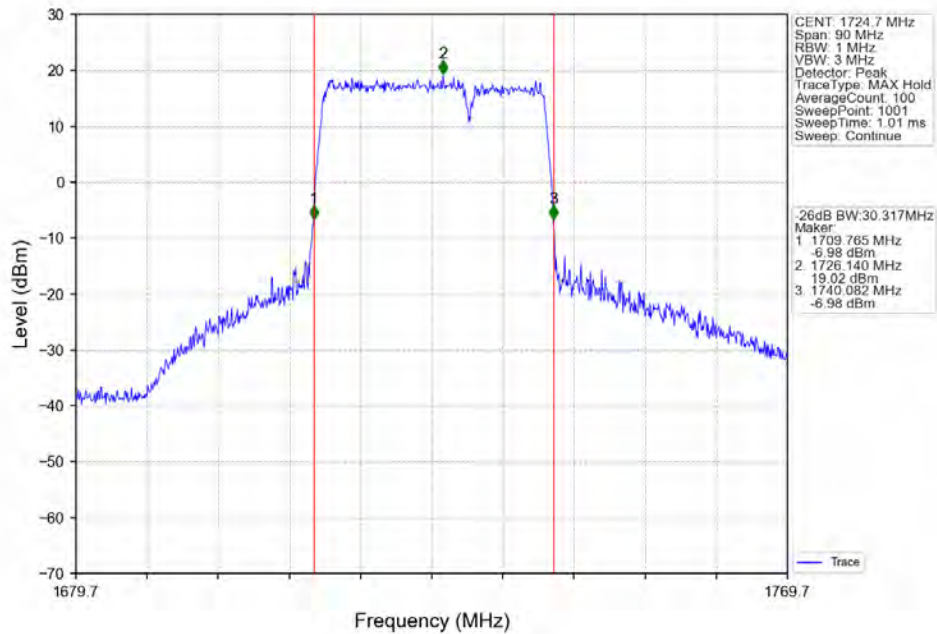
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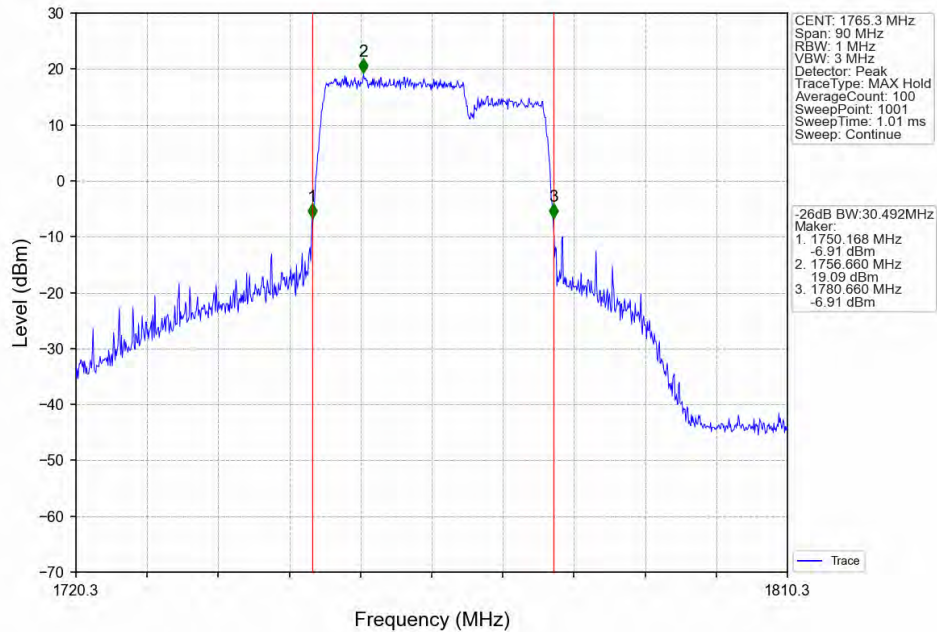
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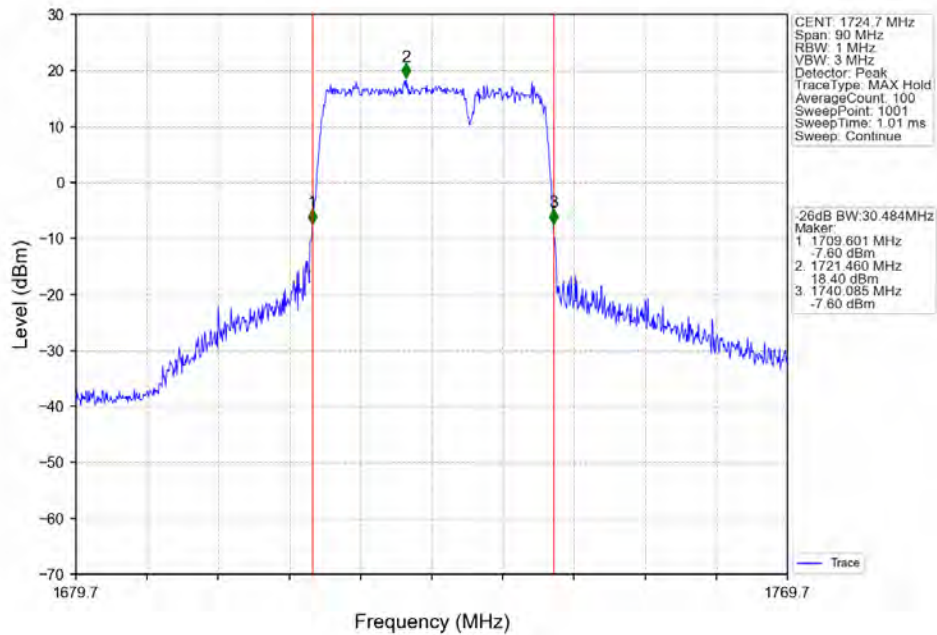
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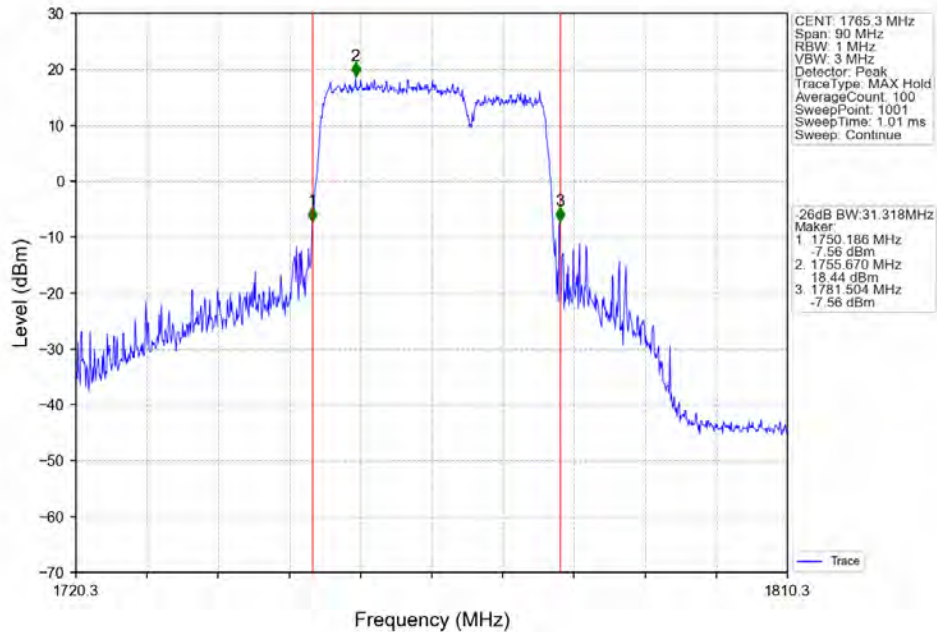
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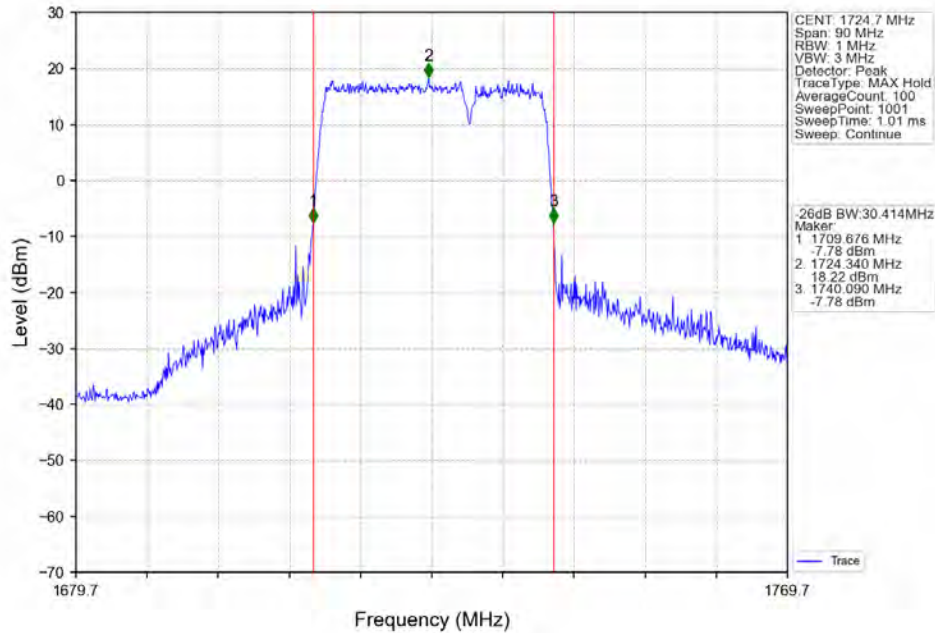
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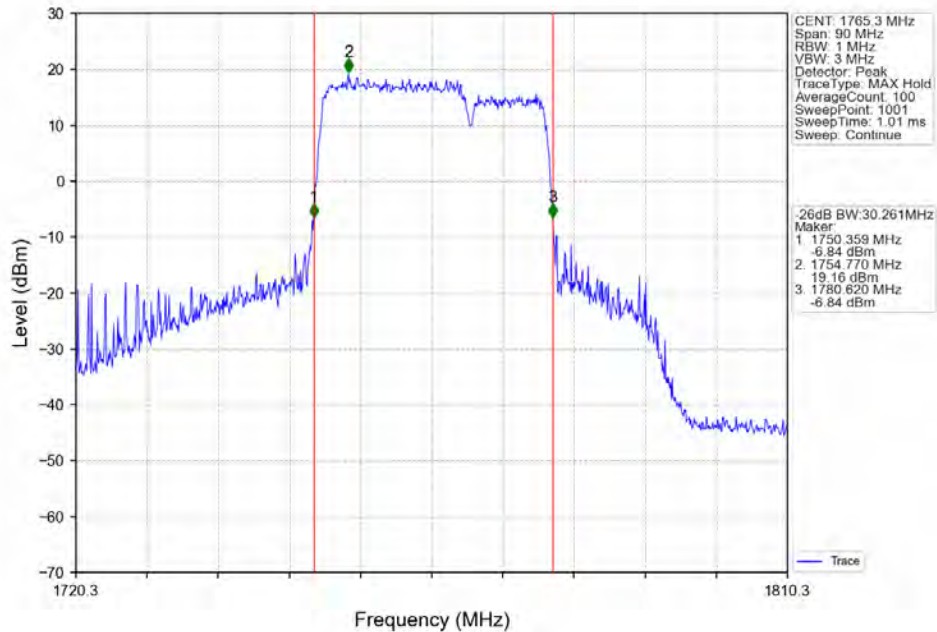
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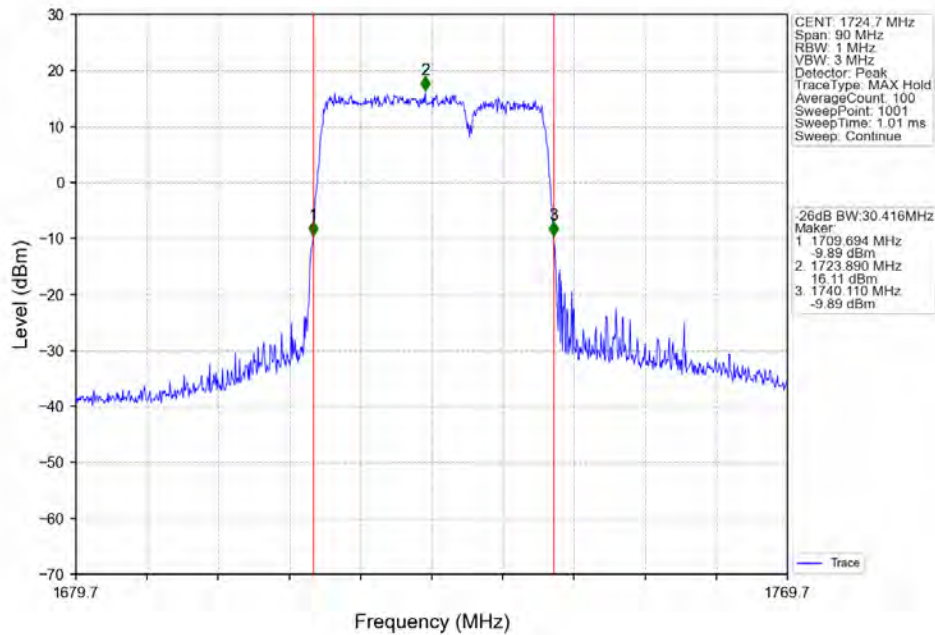
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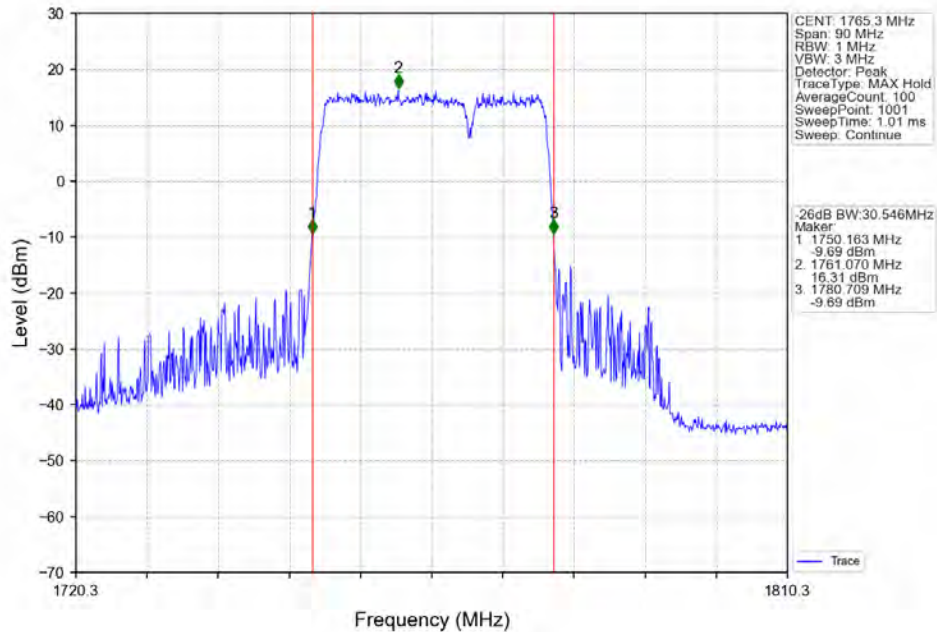
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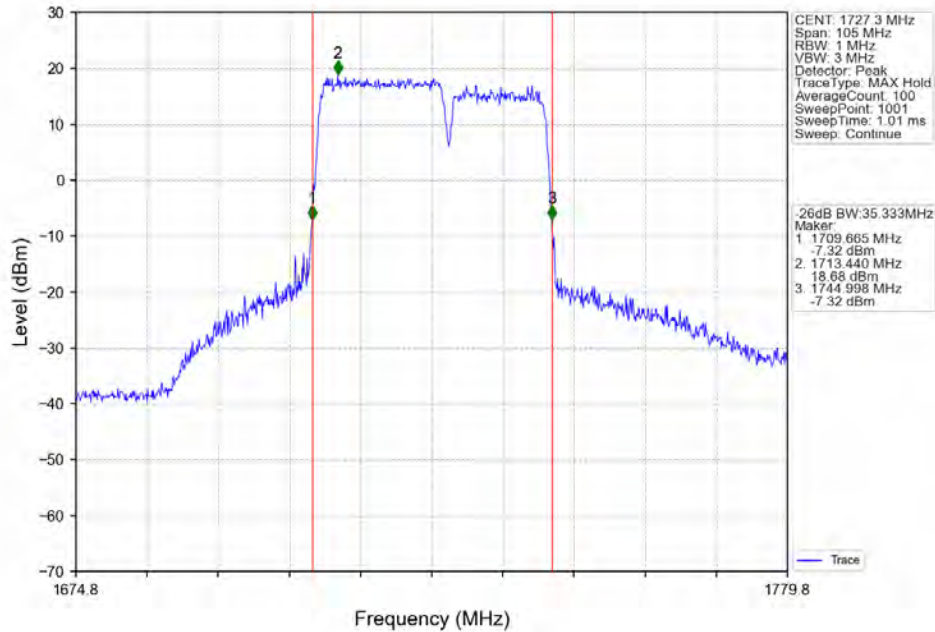
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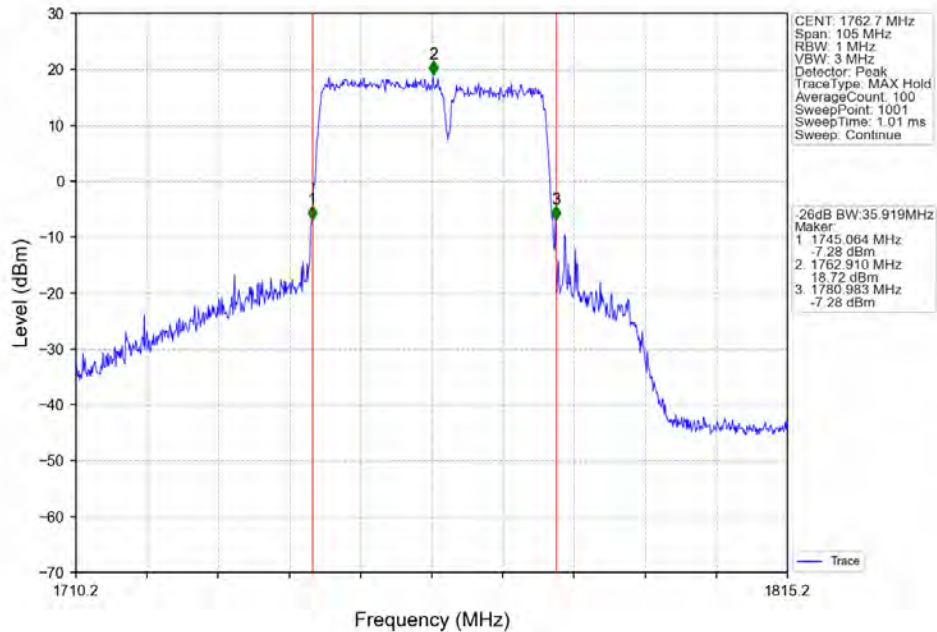
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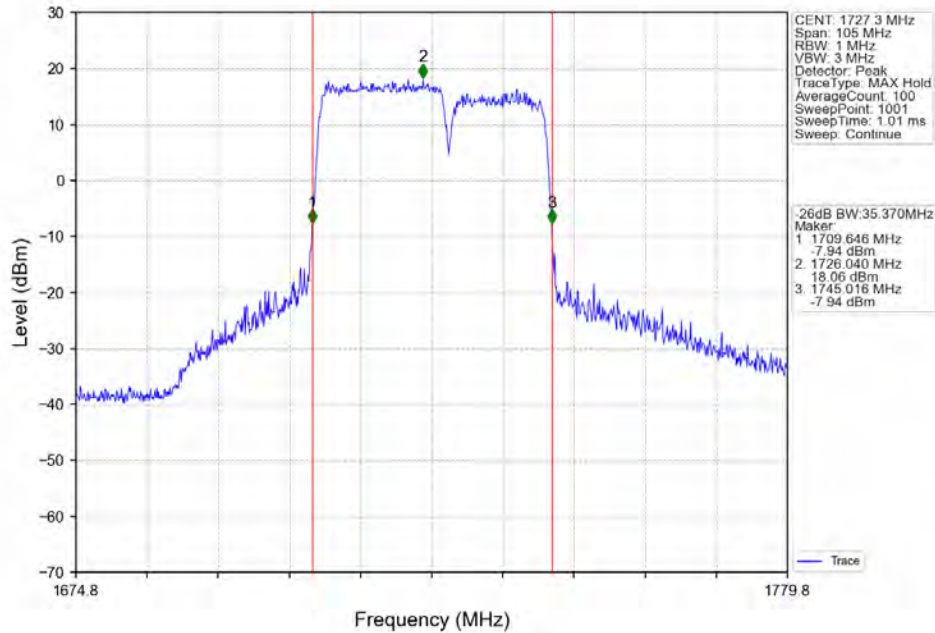
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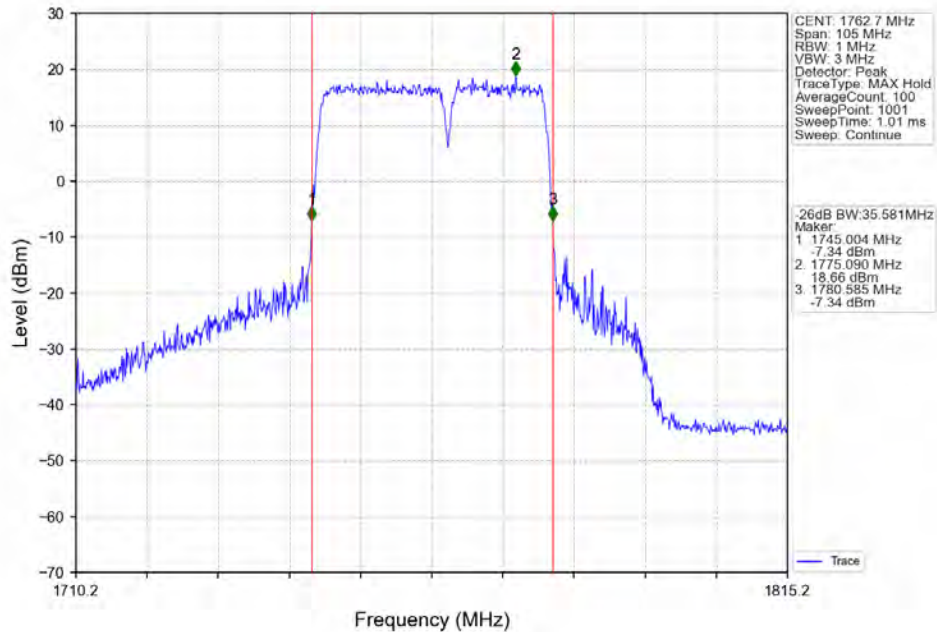
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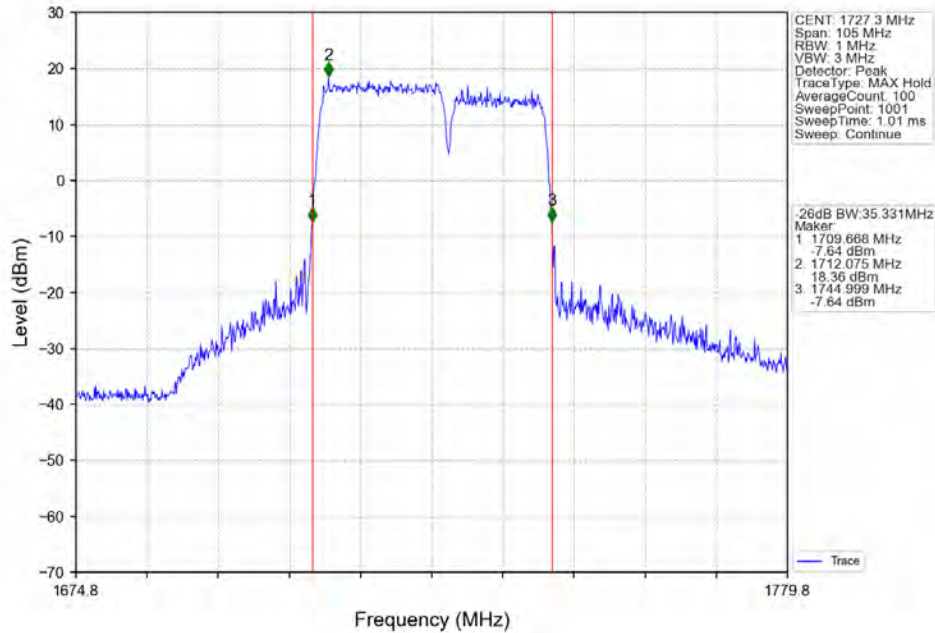
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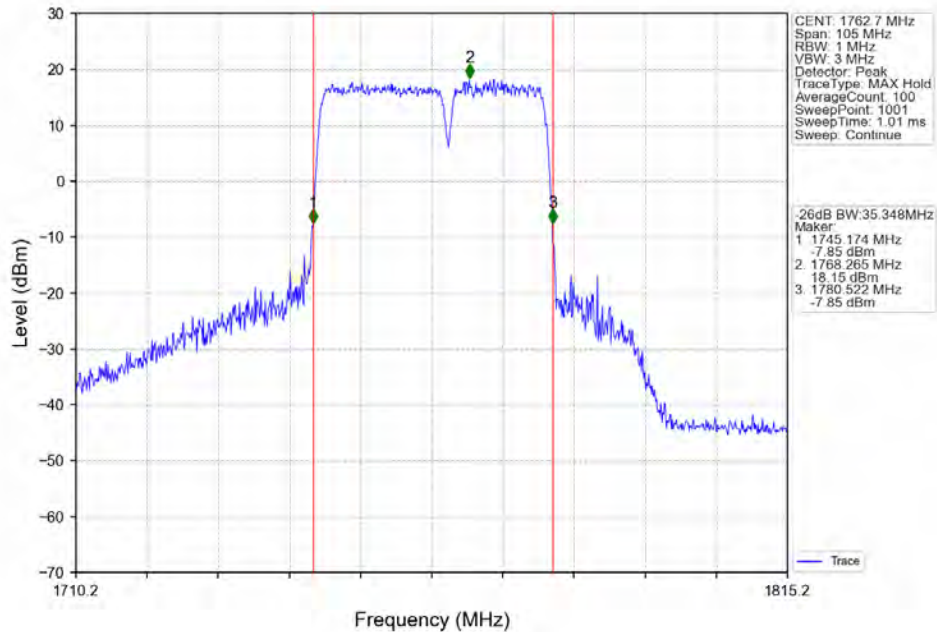
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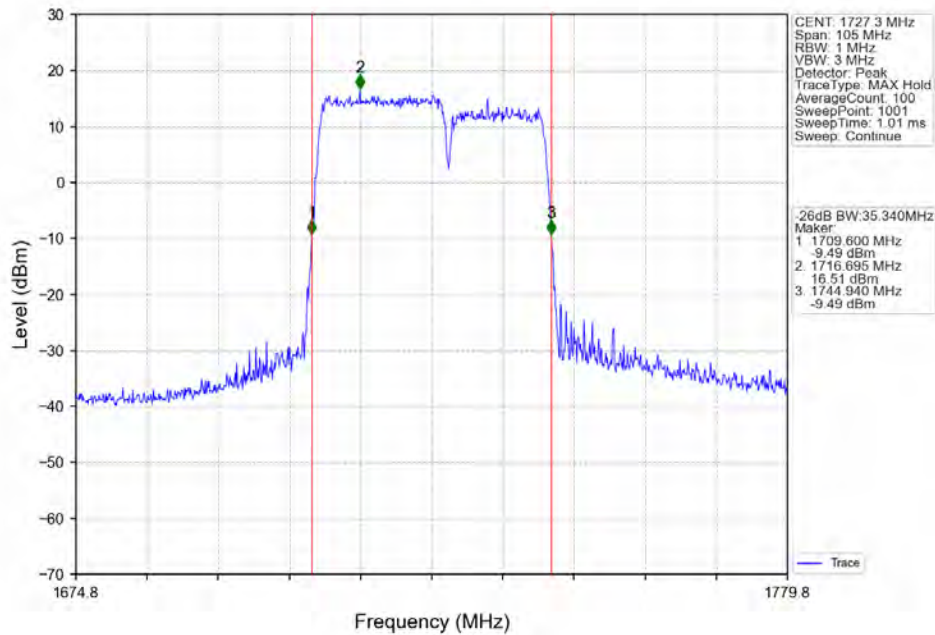
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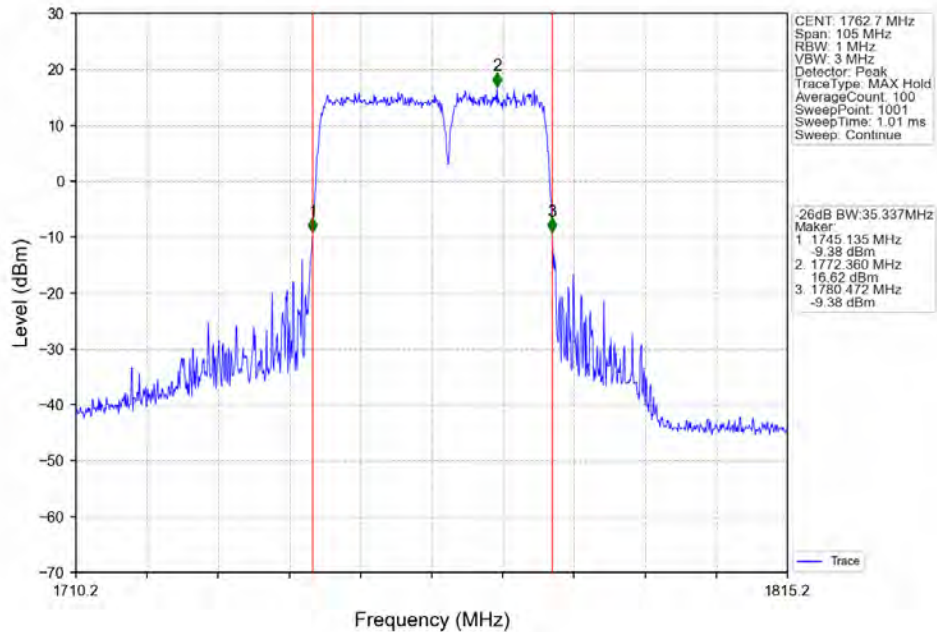
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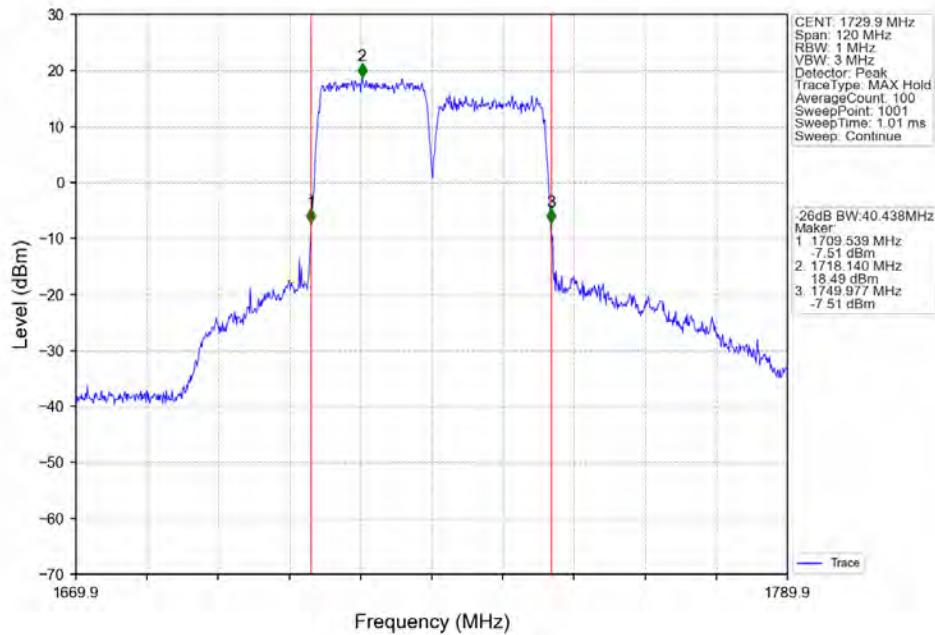
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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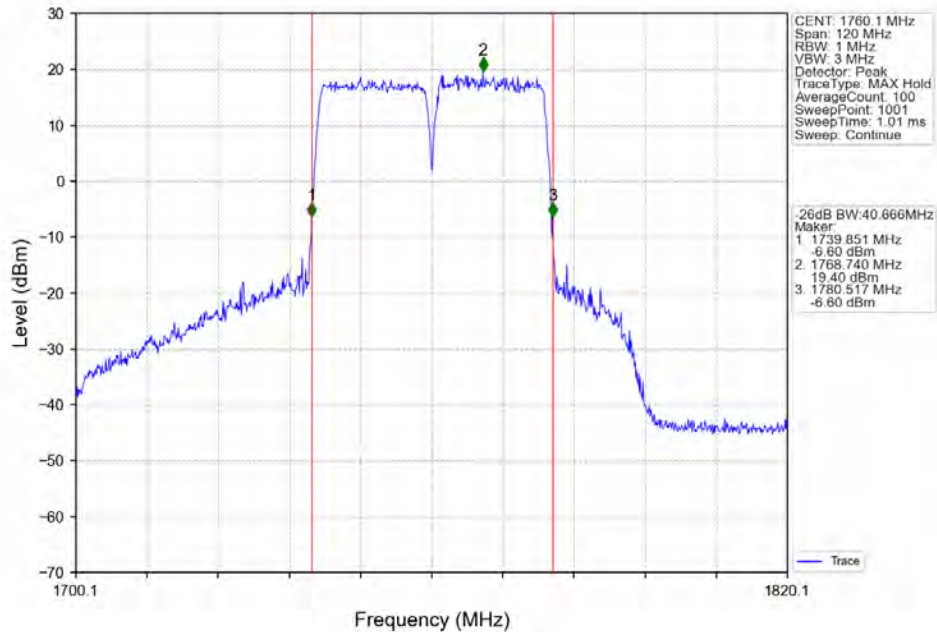
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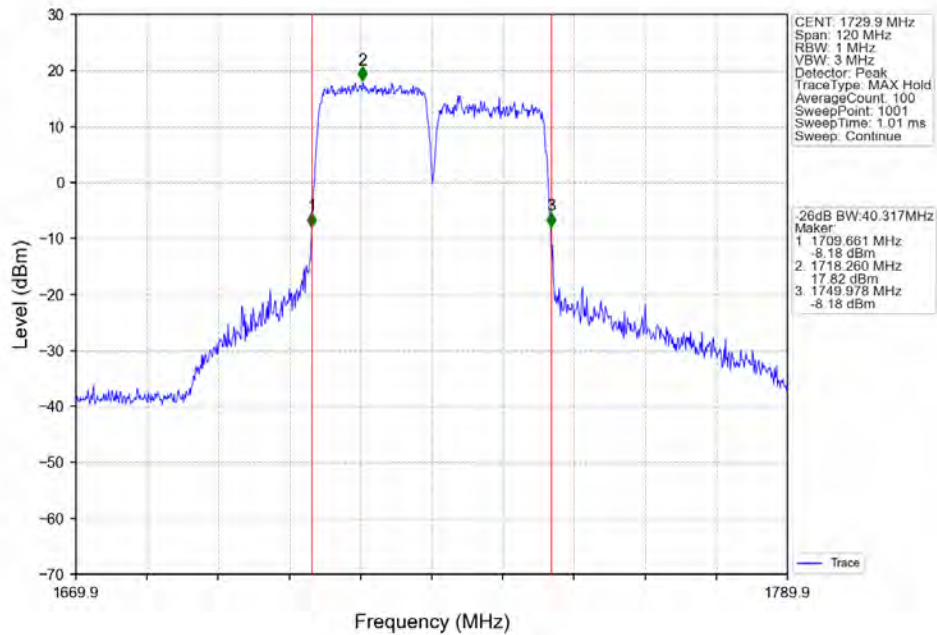
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:1720 CC2:1739.8MHz_CC1: 100@0 CC2: 100@0



CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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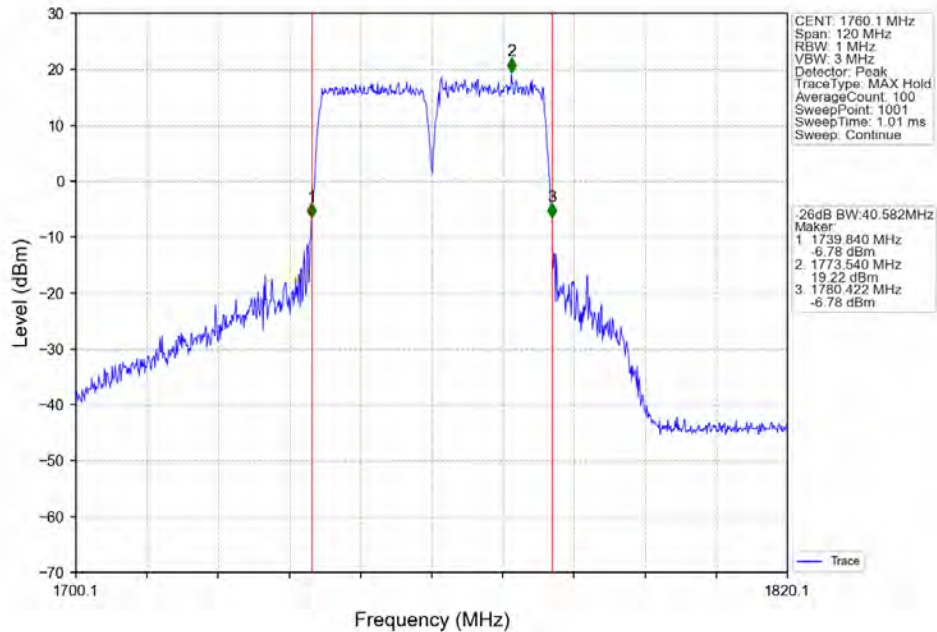
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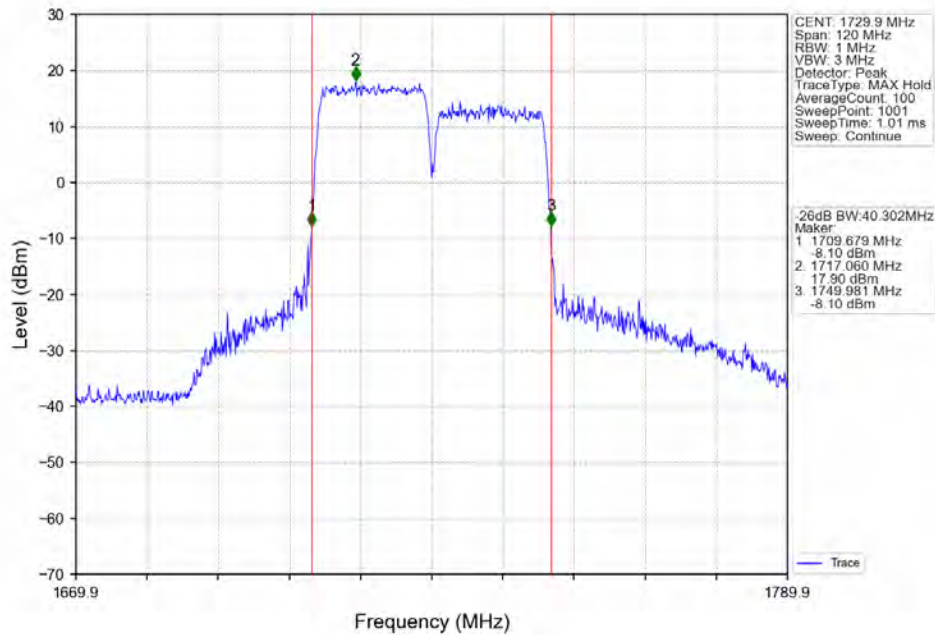
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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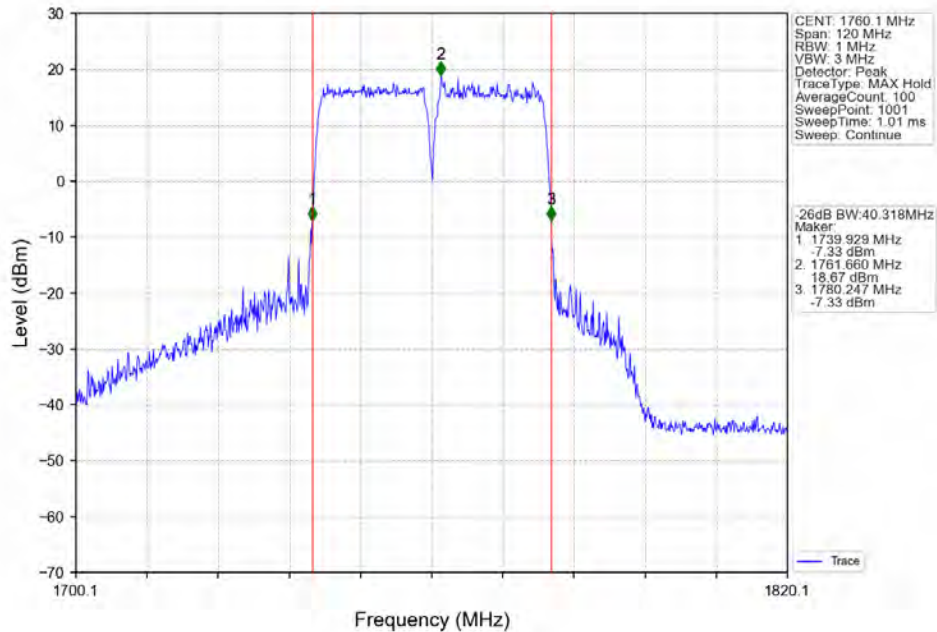
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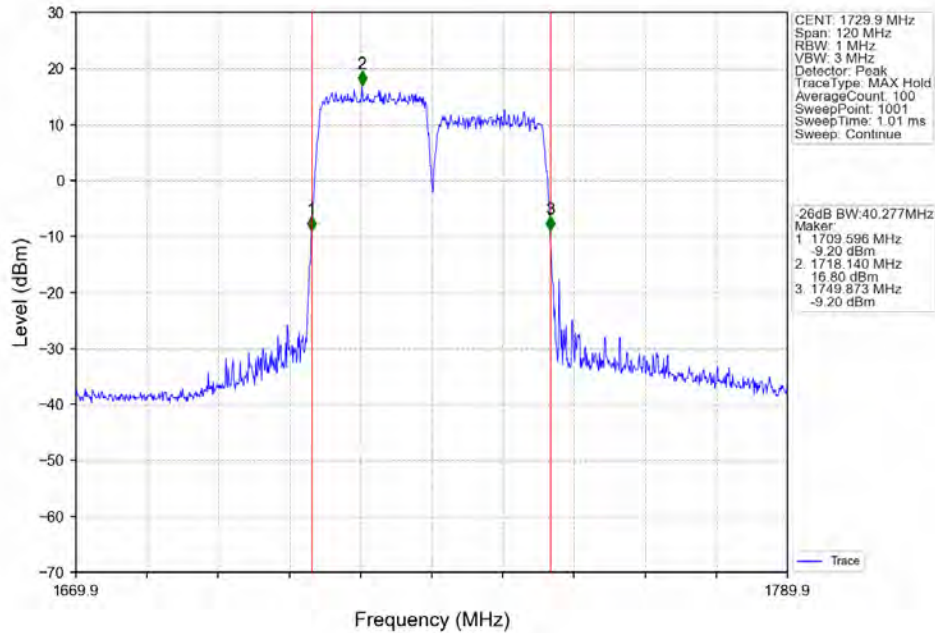
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CA_66C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:1750.2 CC2:1770MHz_CC1: 100@0 CC2: 100@0



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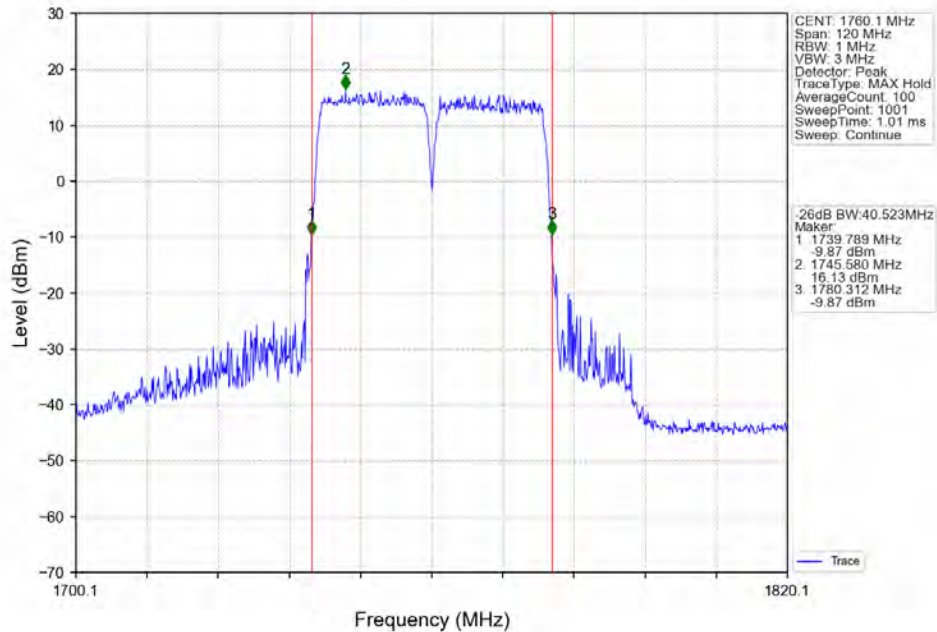
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3. Spurious Emission & Band Edges

3.1 CA_66C_NTNV

3.1.1 Test Result

Band: CA_66C / NTNv								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:5 CC2:20	CC1: QPSK CC2: QPSK	CC1:1712.5 CC2:1724.2	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:1758.3 CC2:1770	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@24 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 25@0 CC2: 100@0	Refer To Test Graph				Pass
CC1:10 CC2:15	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1727	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 75@0	Refer To Test Graph				Pass
		CC1:1760.5 CC2:1772.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@49 CC2: 1@74	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 75@0	Refer To Test Graph				Pass
CC1:10 CC2:20	CC1: QPSK CC2: QPSK	CC1:1715 CC2:1729.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 100@0	Refer To Test Graph				Pass
		CC1:1755.6 CC2:1770	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@49 CC2: 1@99	Refer To Test Graph				Pass
			CC1: 50@0 CC2: 100@0	Refer To Test Graph				Pass
CC1:15 CC2:10	CC1: QPSK CC2: QPSK	CC1:1717.5 CC2:1729.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 50@0	Refer To Test Graph				Pass
		CC1:1763 CC2:1775	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@74 CC2: 1@49	Refer To Test Graph				Pass



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			CC1: 75@0 CC2: 50@0	Refer To Test Graph	Pass
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:1717.5 CC2:1732.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph	Pass
		CC1:1757.5 CC2:1772.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@74 CC2: 1@74	Refer To Test Graph	Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph	Pass
CC1:15 CC2:20	CC1: QPSK CC2: QPSK	CC1:1717.5 CC2:1734.6	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 75@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:1752.9 CC2:1770	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@74 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 75@0 CC2: 100@0	Refer To Test Graph	Pass
CC1:20 CC2:5	CC1: QPSK CC2: QPSK	CC1:1720 CC2:1731.7	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 25@0	Refer To Test Graph	Pass
		CC1:1765.8 CC2:1777.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@24	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 25@0	Refer To Test Graph	Pass
CC1:20 CC2:10	CC1: QPSK CC2: QPSK	CC1:1720 CC2:1734.4	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
		CC1:1760.6 CC2:1775	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@49	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 50@0	Refer To Test Graph	Pass
CC1:20 CC2:15	CC1: QPSK CC2: QPSK	CC1:1720 CC2:1737.1	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
		CC1:1755.4 CC2:1772.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@74	Refer To Test Graph	Pass



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			CC1: 100@0 CC2: 75@0	Refer To Test Graph	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:1720 CC2:1739.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:1750.2 CC2:1770	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass



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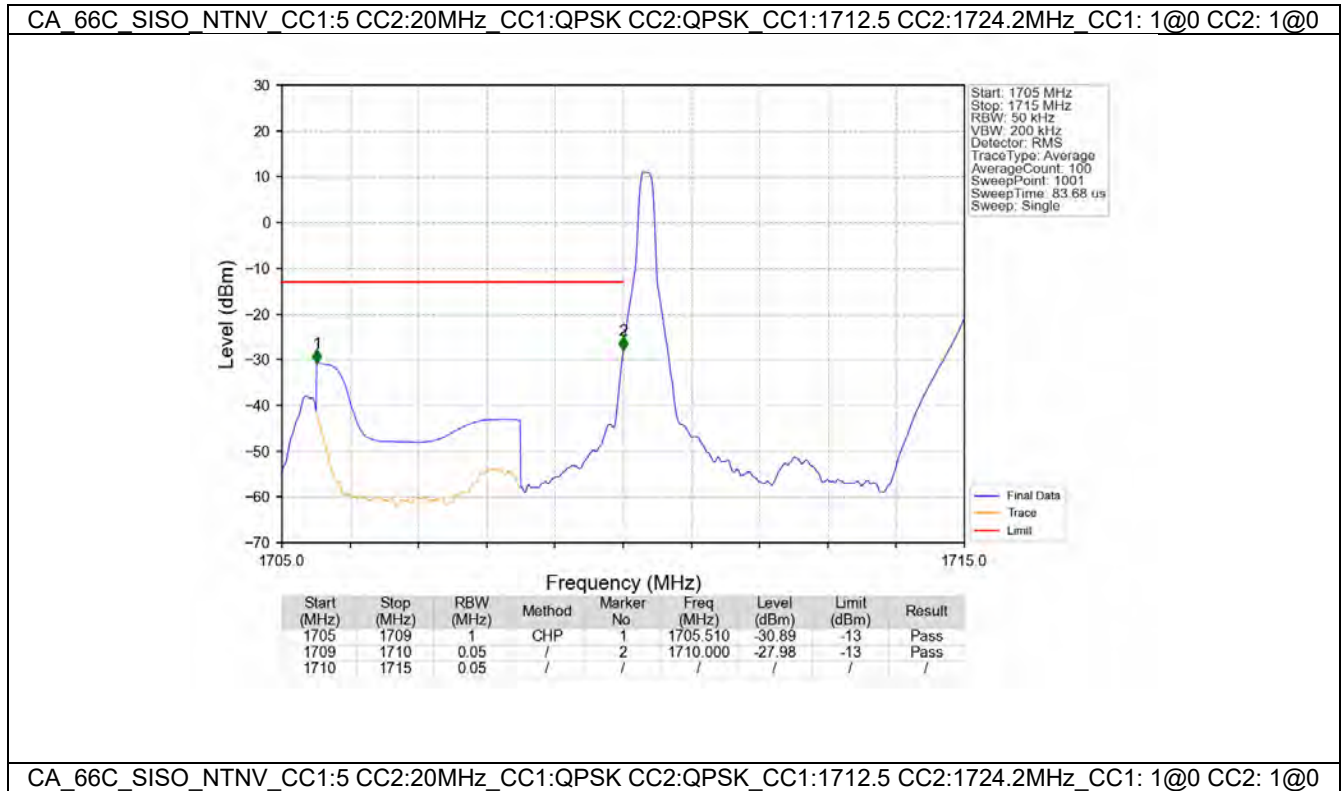
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3.1.2 Test Graph



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 1@0 CC2: 1@0



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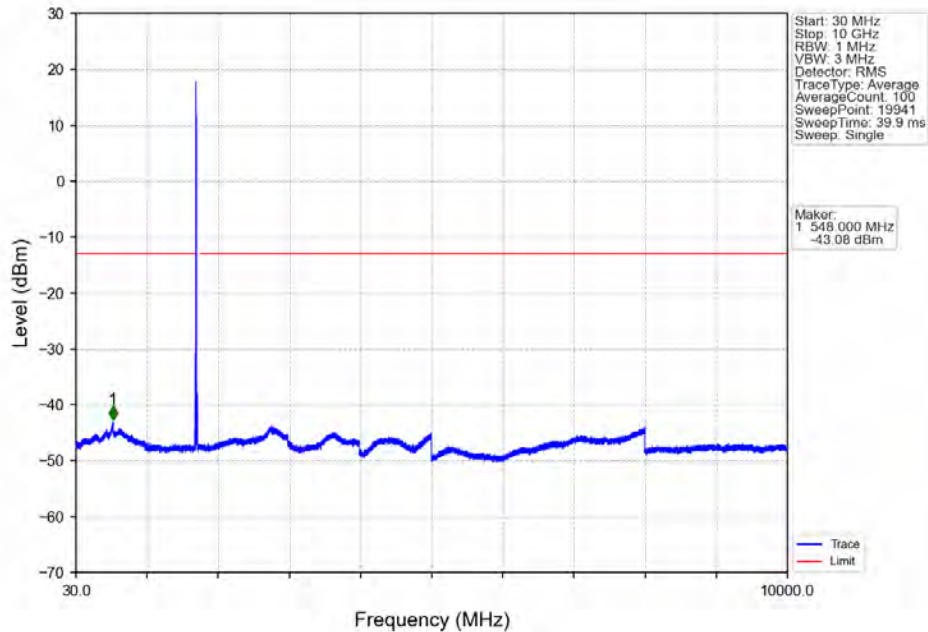
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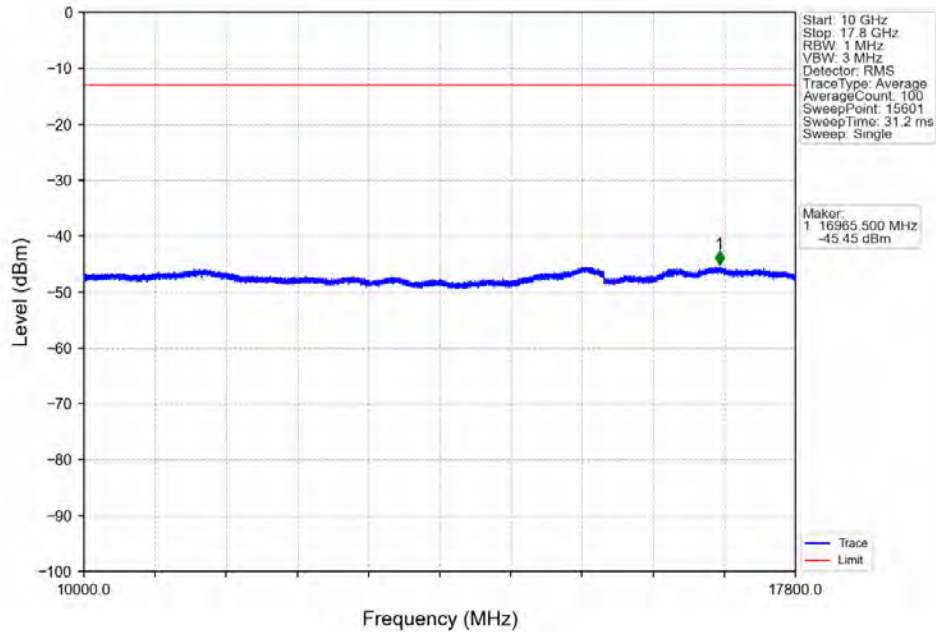
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CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 1@0 CC2: 1@0



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 25@0 CC2: 100@0



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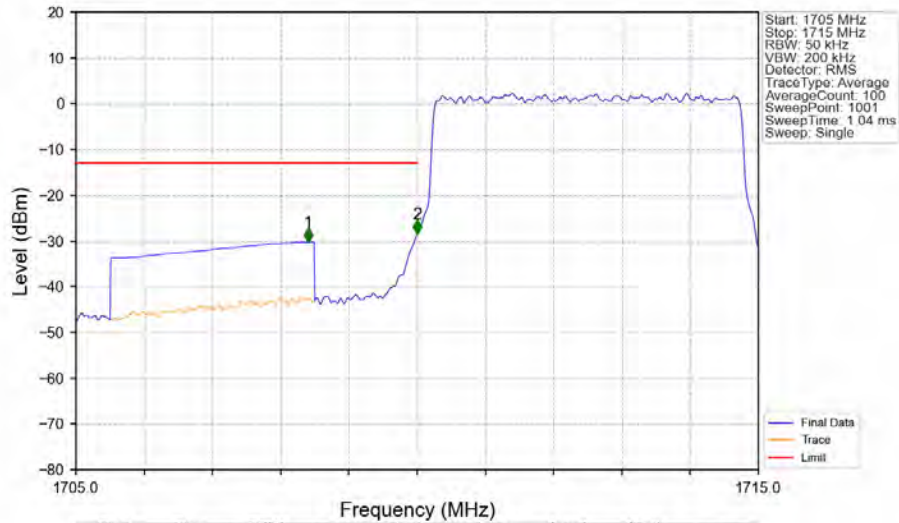
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.400	-30.30	-13	Pass
1709	1710	0.05	/	2	1710.000	-28.54	-13	Pass
1710	1715	0.05	/	/	/	/	/	/



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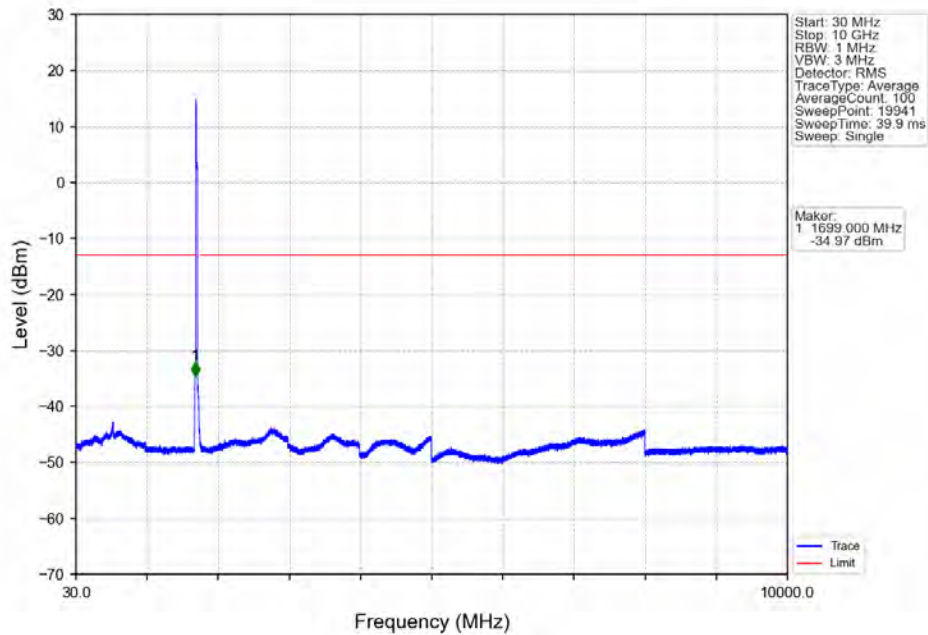
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CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 25@0 CC2: 100@0



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1712.5 CC2:1724.2MHz_CC1: 25@0 CC2: 100@0



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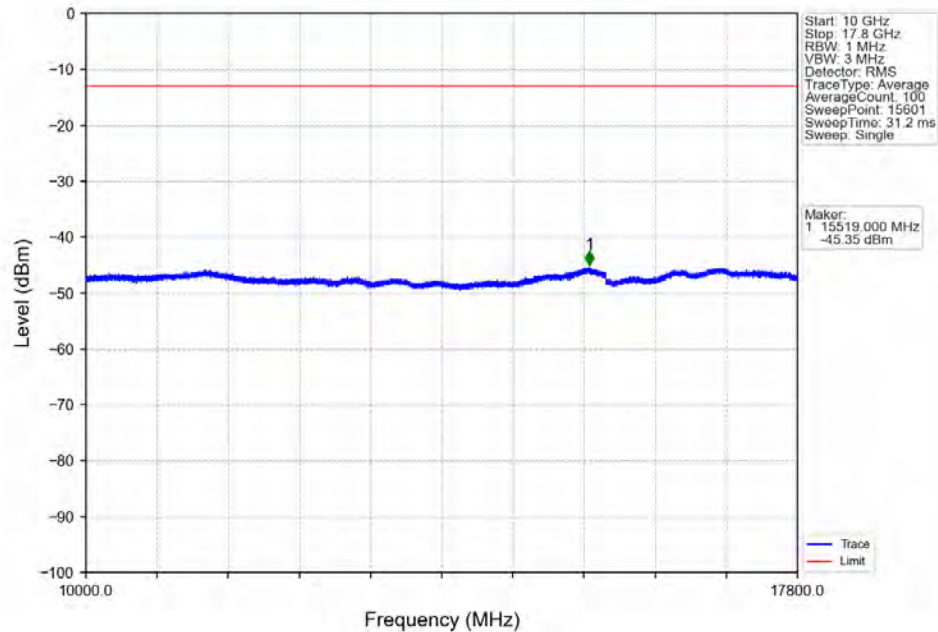
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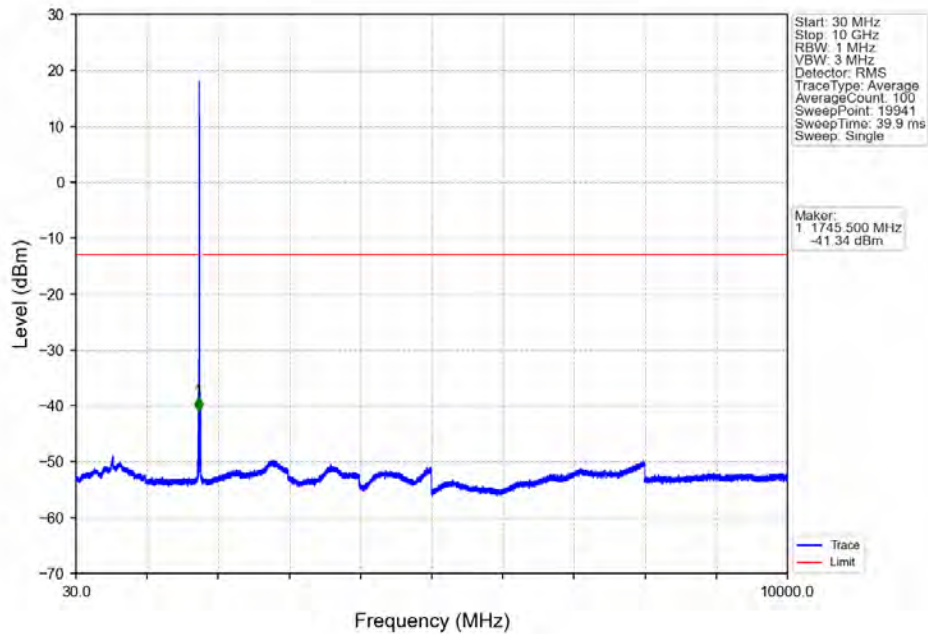
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CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1758.3 CC2:1770MHz_CC1: 1@0 CC2: 1@0



CA_66C_SISO_NTNV_CC1:5 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1758.3 CC2:1770MHz_CC1: 1@0 CC2: 1@0



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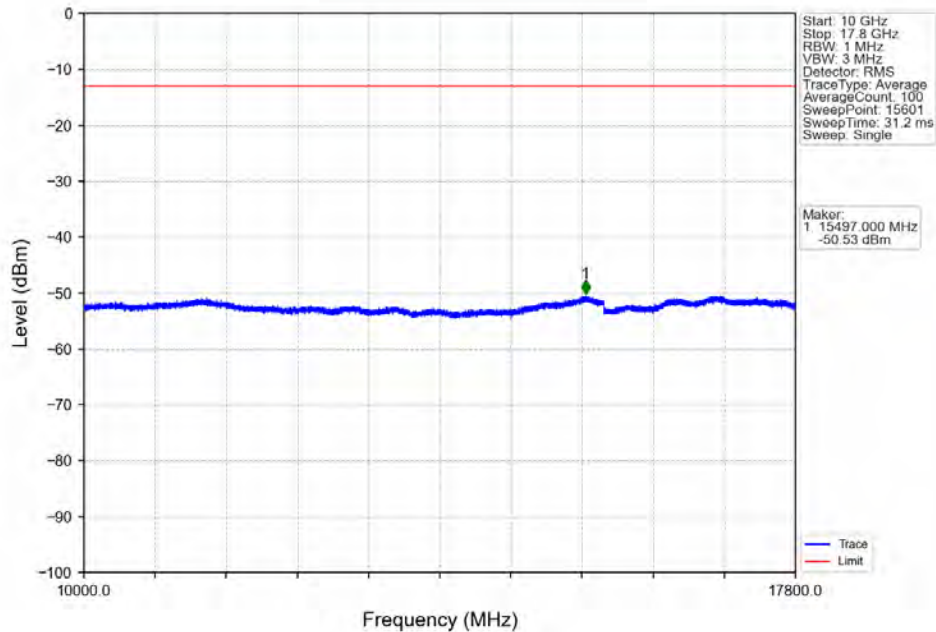
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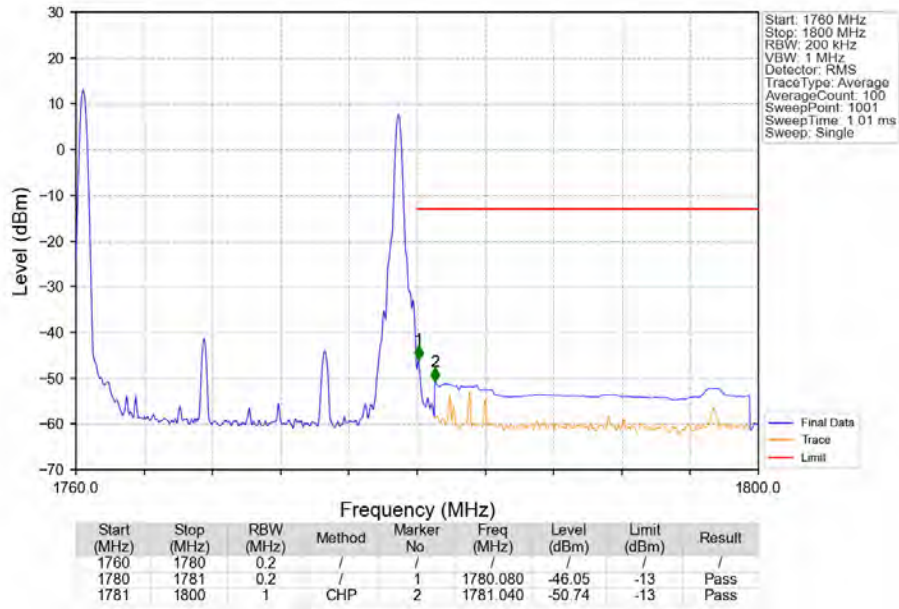
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CA_66C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:1758.3_CC2:1770MHz_CC1: 25@0_CC2: 100@0



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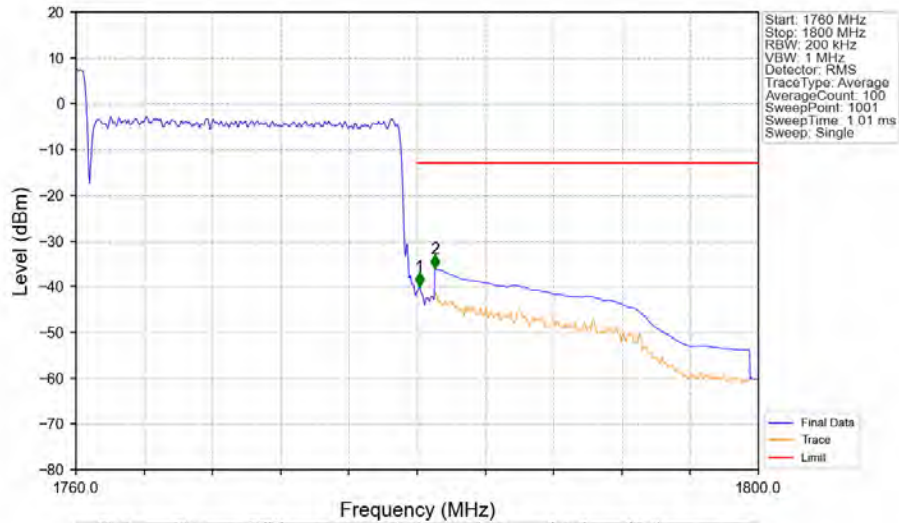
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	/	1	1780.120	-40.02	-13	Pass
1780	1781	0.2	/	2	1781.040	-36.15	-13	Pass
1781	1800	1	CHP					



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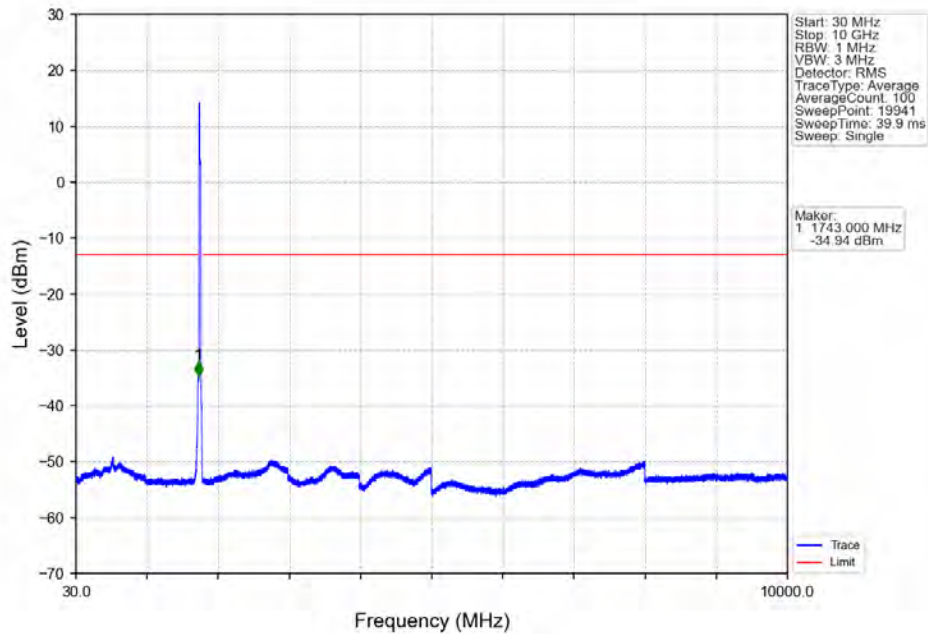
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CA 66C_SISO_NTNV_CC1:5_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:1758.3_CC2:1770MHz_CC1: 25@0_CC2: 100@0



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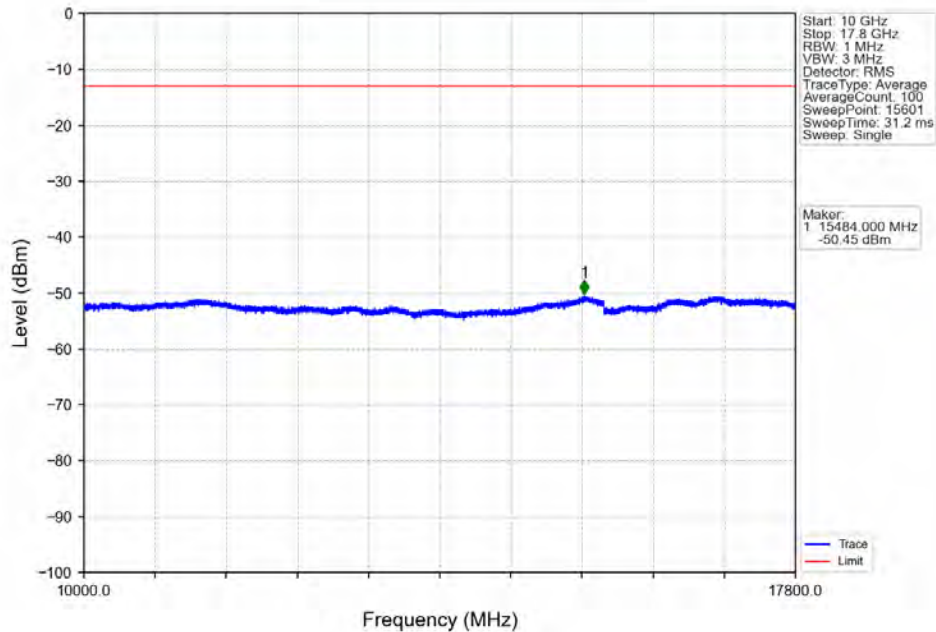
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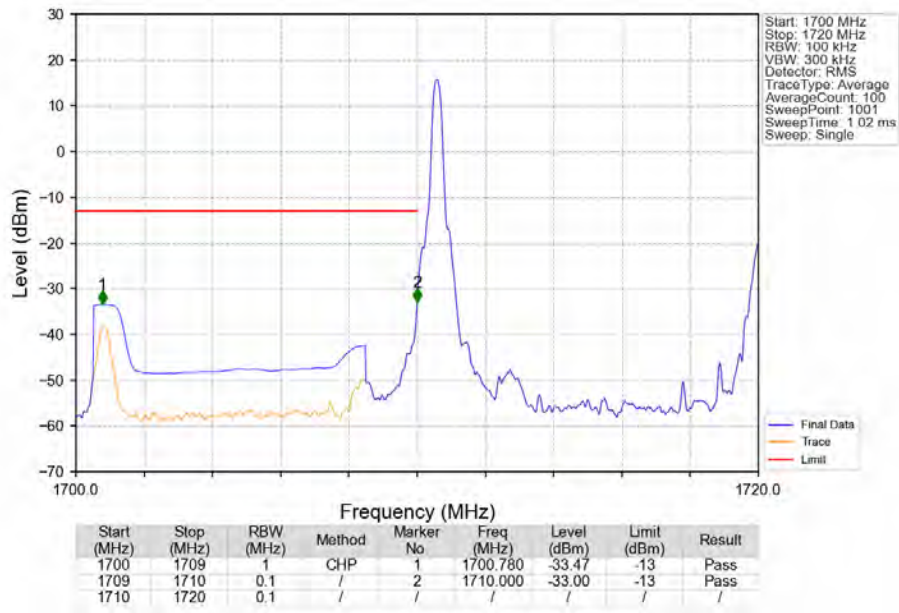
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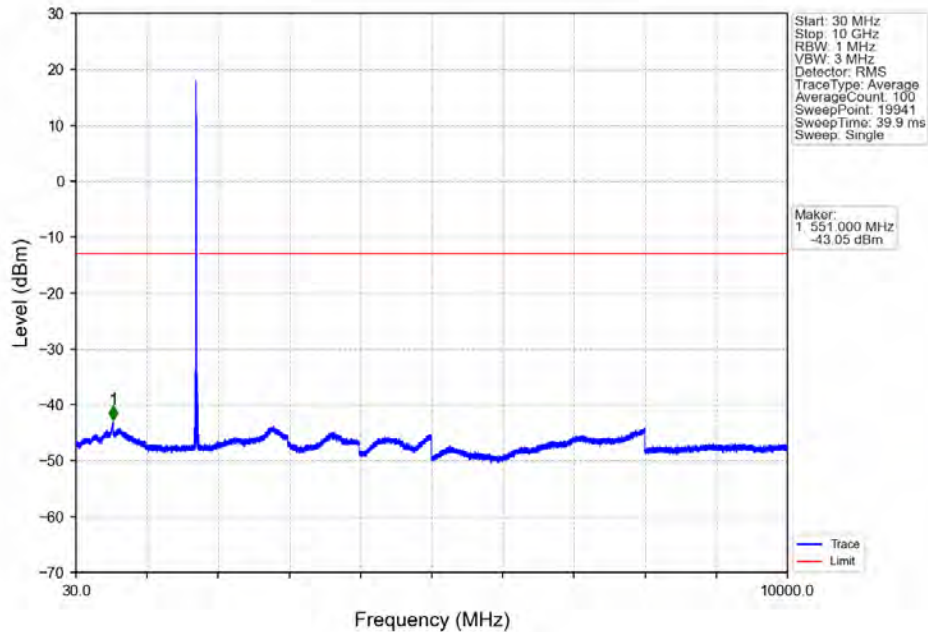
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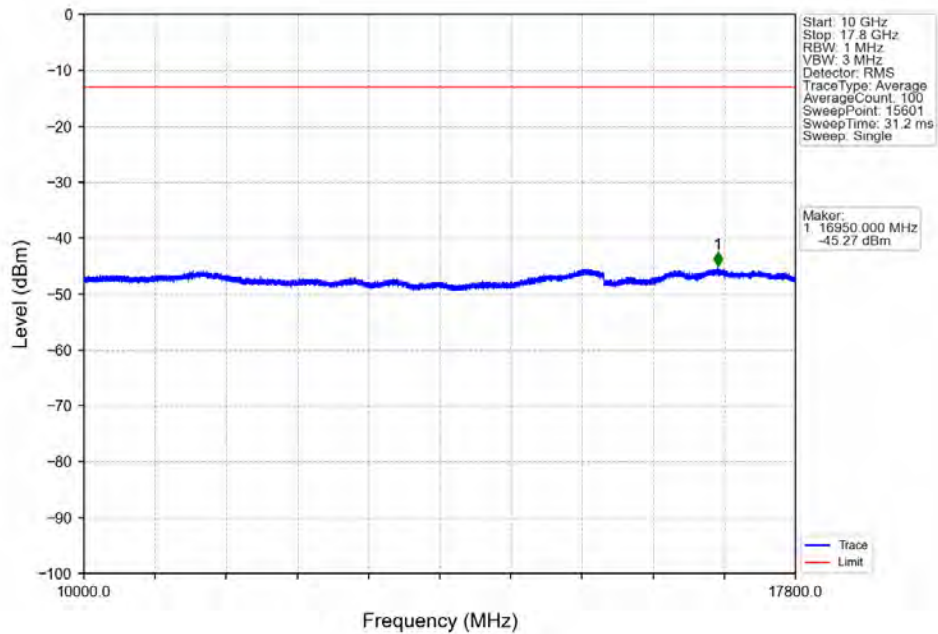
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CA_66C_SISO_NTNV_CC1:10_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:1715_CC2:1727MHz_CC1: 50@0_CC2: 75@0



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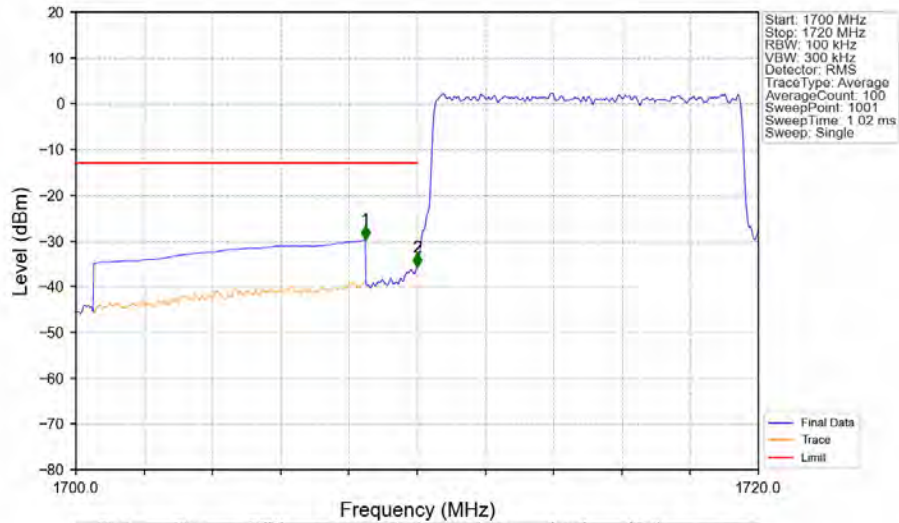
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-29.81	-13	Pass
1709	1710	0.1	/	2	1710.000	-35.69	-13	Pass
1710	1720	0.1	/	/	/	/	/	/



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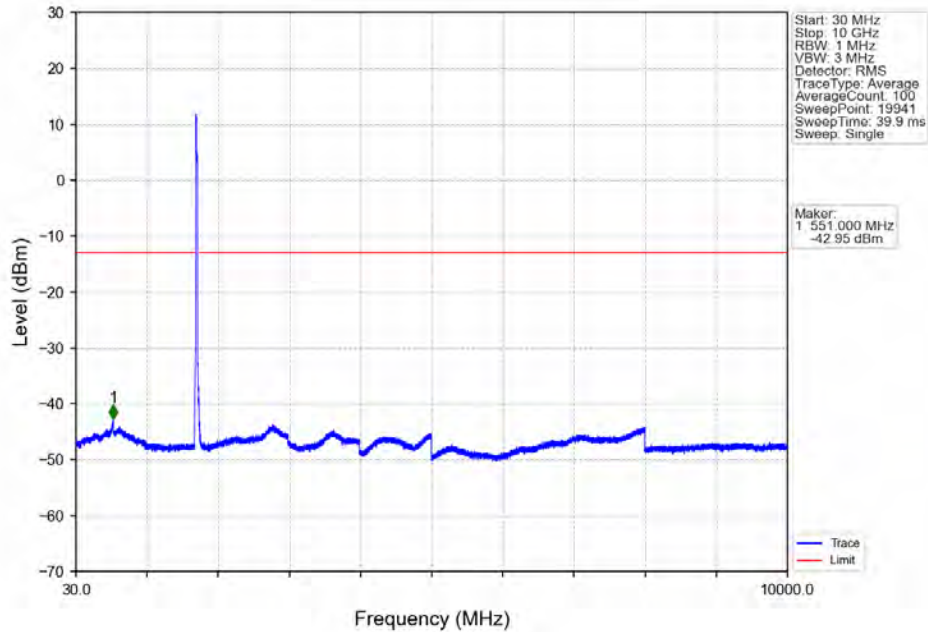
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CA_66C_SISO_NTNV_CC1:10 CC2:15MHz CC1:QPSK CC2:QPSK_CC1:1715 CC2:1727MHz_CC1: 50@0 CC2: 75@0



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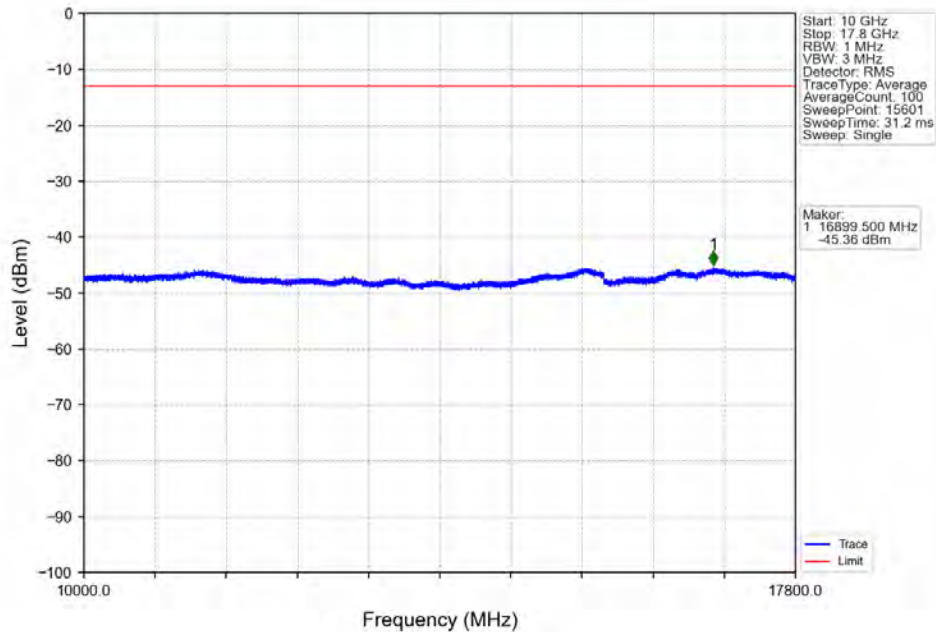
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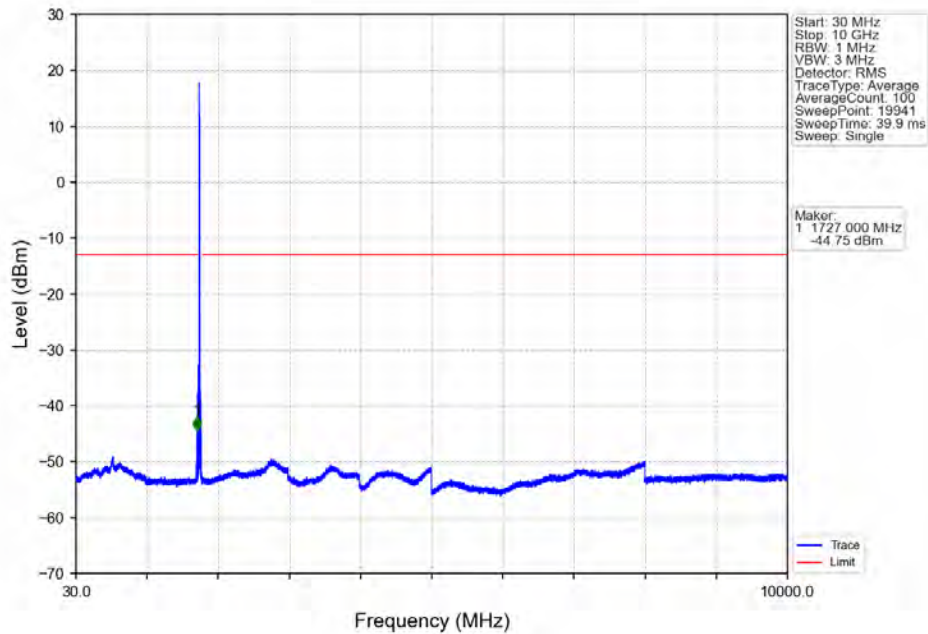
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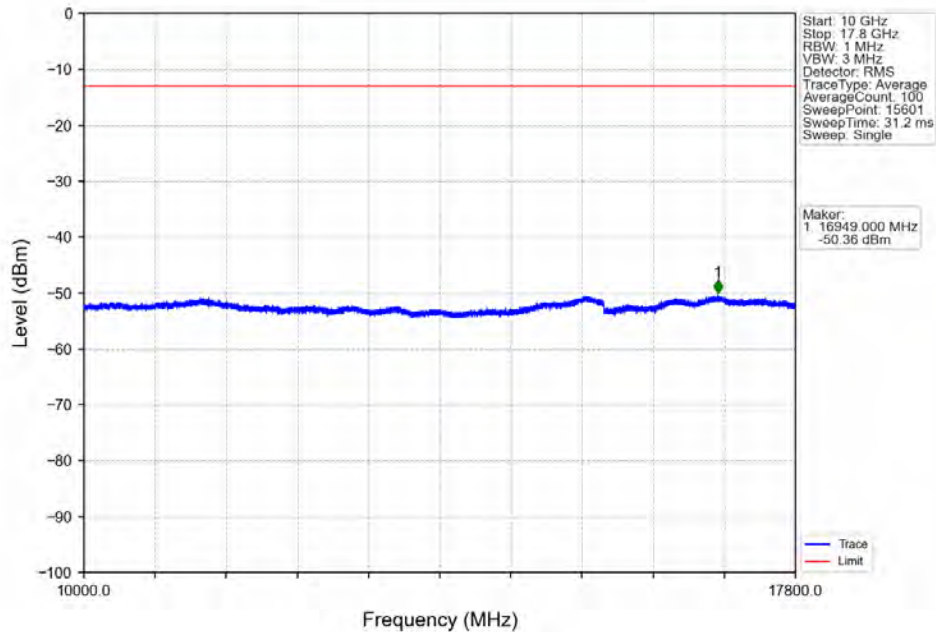
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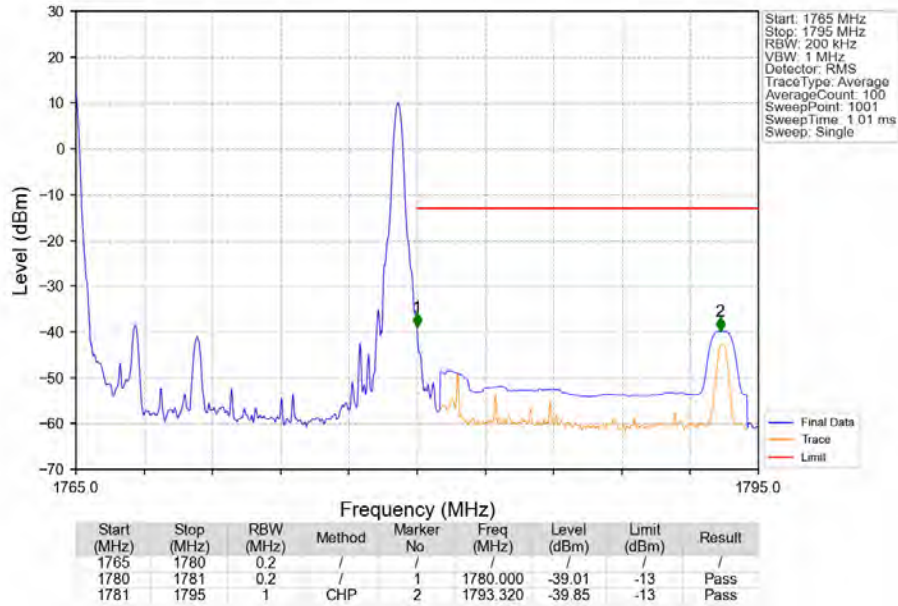
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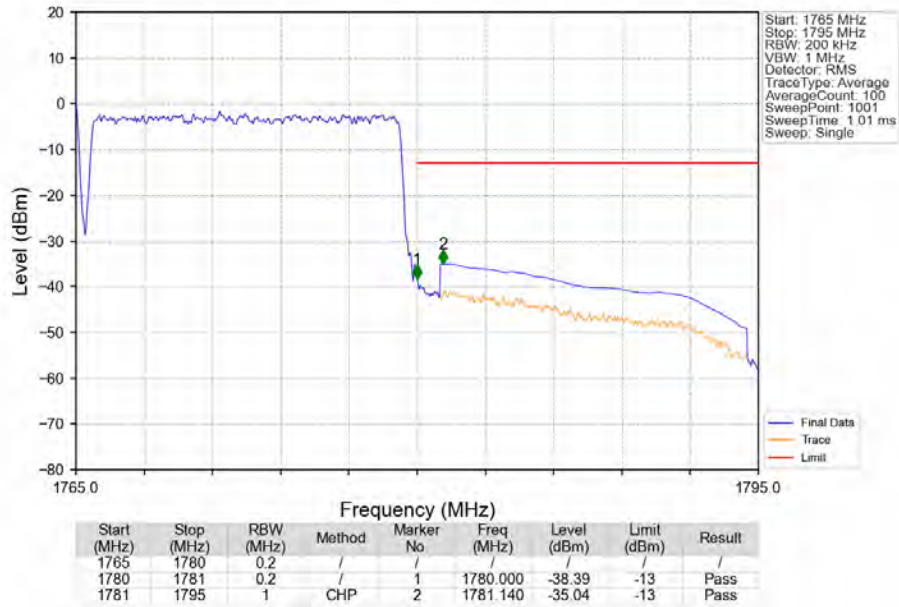
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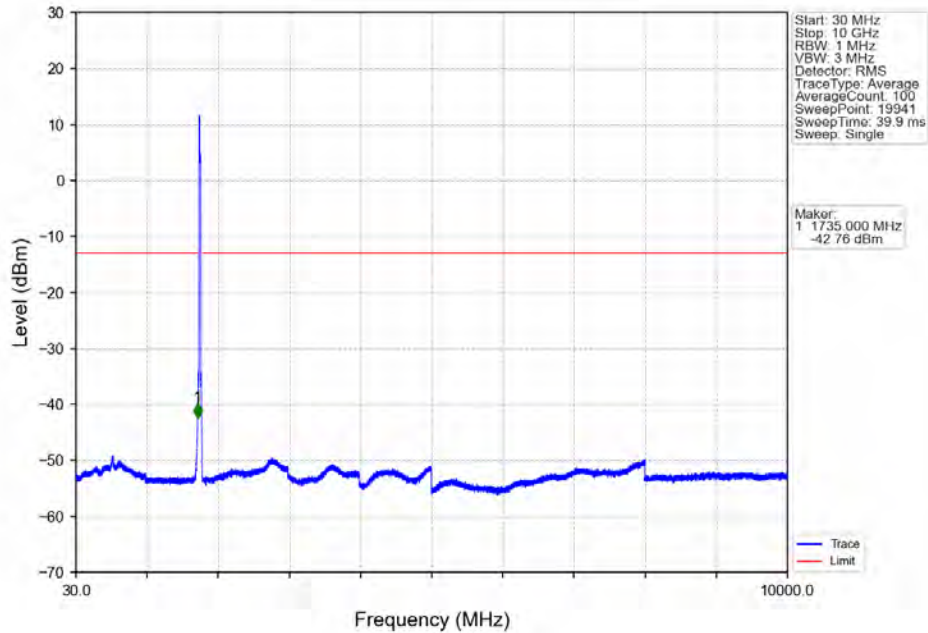
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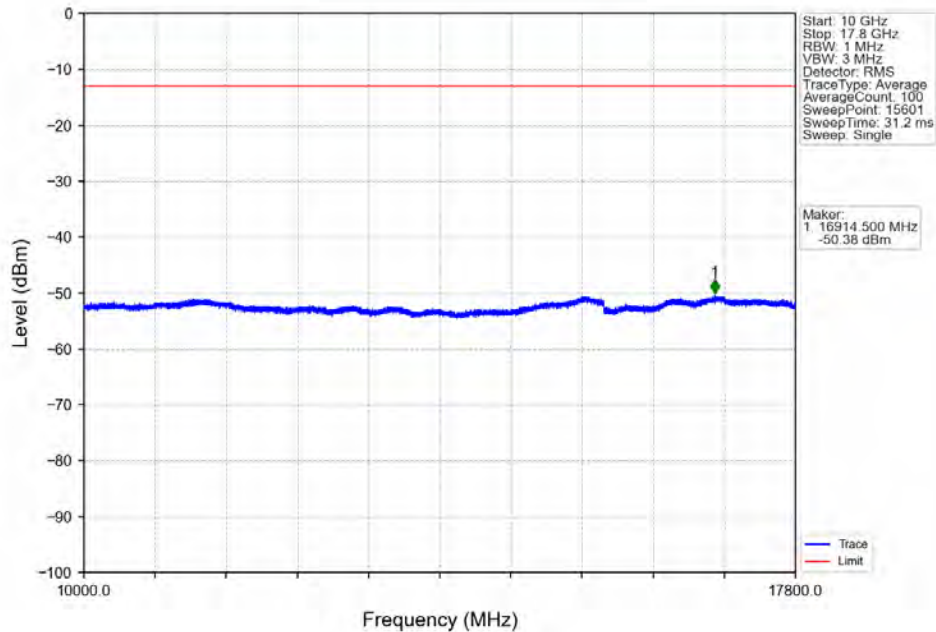
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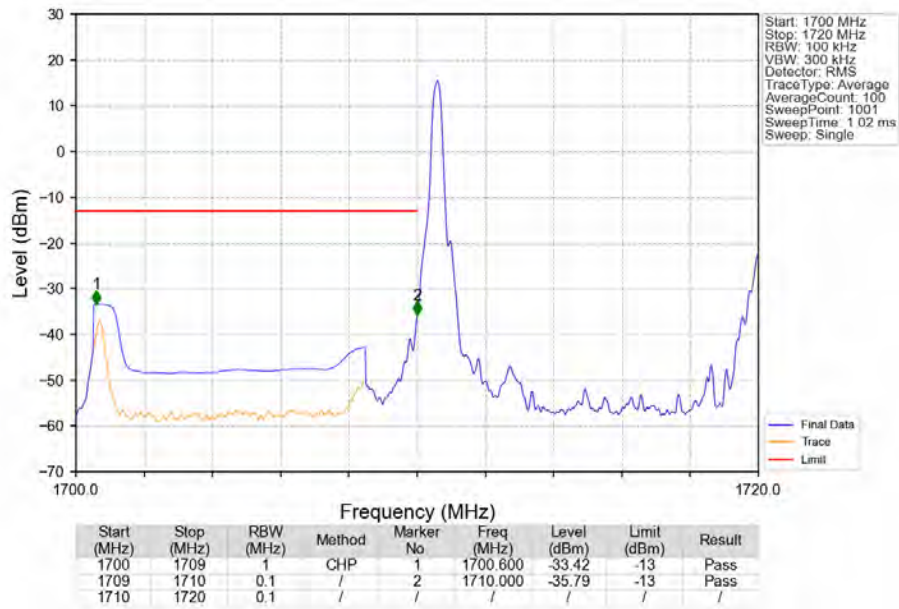
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CA_66C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1715 CC2:1729.4MHz_CC1: 1@0 CC2: 1@0



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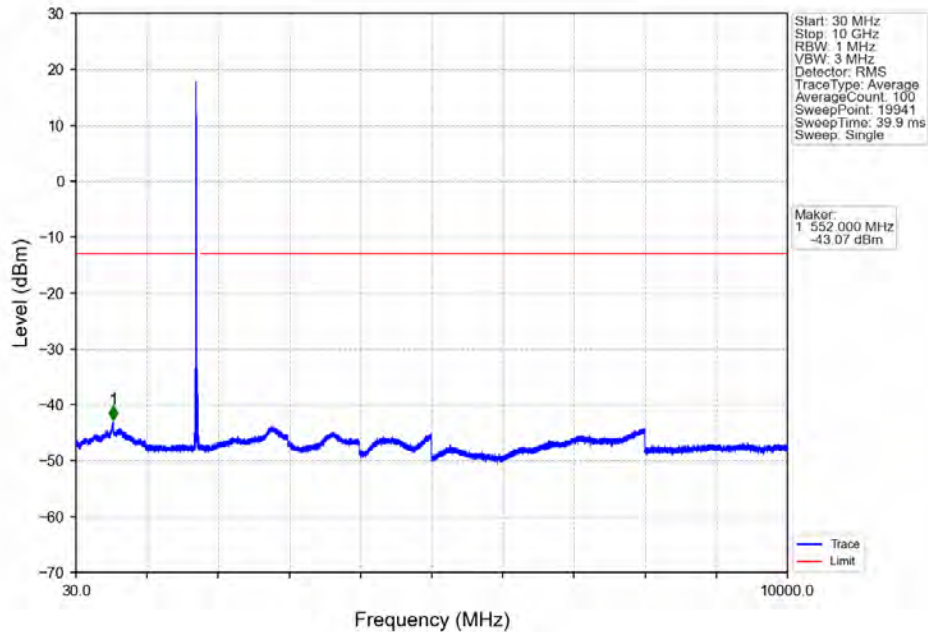
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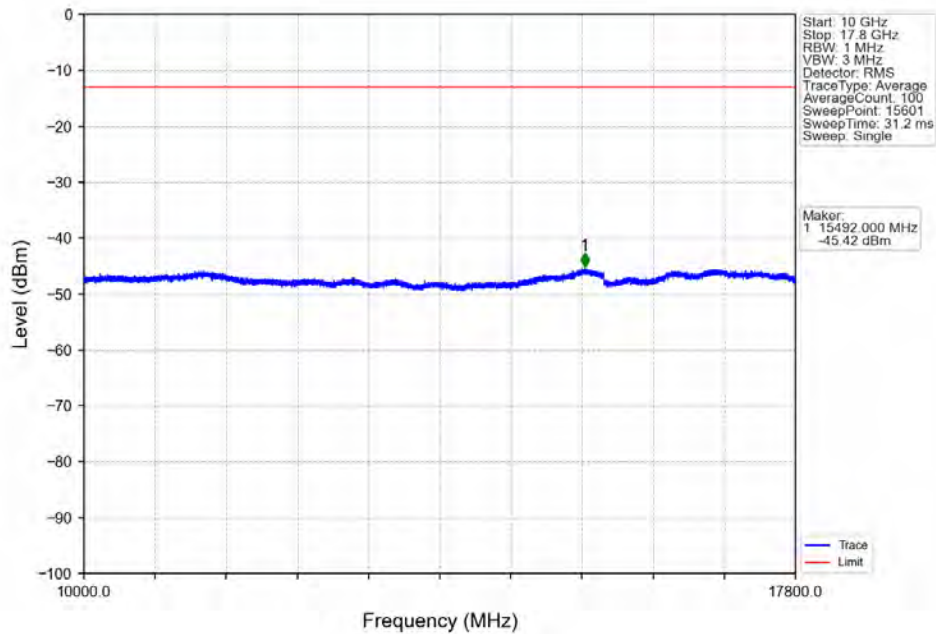
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CA_66C_SISO_NTNV_CC1:10 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:1715 CC2:1729.4MHz_CC1: 50@0 CC2: 100@0



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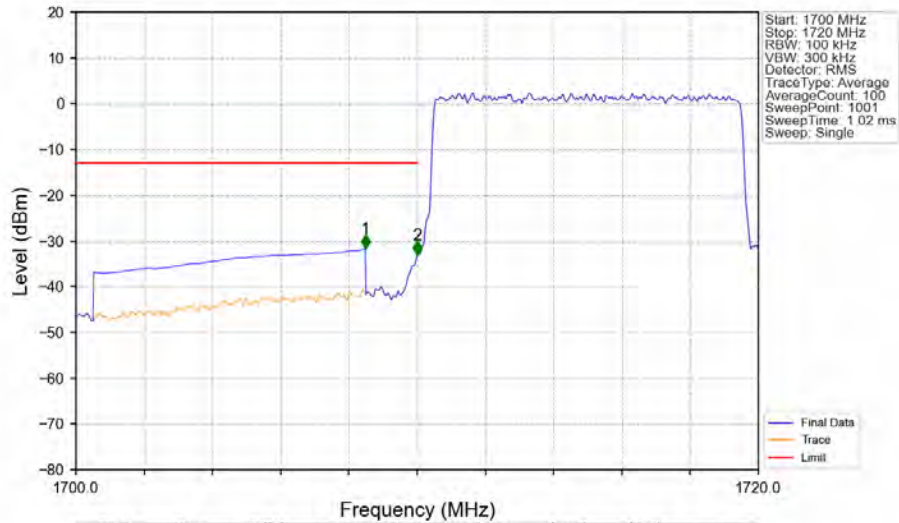
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-31.70	-13	Pass
1709	1710	0.1	/	2	1710.000	-33.10	-13	Pass
1710	1720	0.1	/	/	/	/	/	/



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