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Appendix B.21

LTE Band 66



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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
Band66	1.4MHz	QPSK	131979	1RB#0	23.76	25.23	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.73	25.2	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.71	25.18	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.79	24.26	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.7	25.17	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.58	25.05	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.62	25.09	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.59	24.06	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.54	25.01	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.65	25.12	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.57	25.04	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.72	24.19	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.95	24.42	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.91	24.38	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.82	24.29	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.77	23.24	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.86	24.33	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.88	24.35	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.88	24.35	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.6	23.07	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.73	24.2	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.75	24.22	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.8	24.27	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.7	23.17	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.87	23.34	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.9	23.37	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.84	23.31	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.79	22.26	30	PASS



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Band66	1.4MHz	64QAM	132322	1RB#0	21.9	23.37	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.85	23.32	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.8	23.27	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.79	22.26	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.83	23.3	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.85	23.32	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.85	23.32	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.81	22.28	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	18.76	20.23	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	18.72	20.19	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.66	20.13	30	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	18.78	20.25	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.75	20.22	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.77	20.24	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	18.76	20.23	30	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	18.61	20.08	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.78	20.25	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.68	20.15	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.7	20.17	30	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.7	20.17	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.76	25.23	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.81	25.28	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.82	25.29	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.77	24.24	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.76	25.23	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.68	25.15	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.56	25.03	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.75	24.22	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.7	25.17	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.78	25.25	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.64	25.11	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.69	24.16	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.81	24.28	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.95	24.42	30	PASS



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Band66	3MHz	16QAM	131987	15RB#0	21.79	23.26	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.84	24.31	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.79	24.26	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.74	24.21	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.74	23.21	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.76	24.23	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.83	24.3	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.76	24.23	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.66	23.13	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	22	23.47	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.96	23.43	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.83	23.3	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.81	22.28	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.77	23.24	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.92	23.39	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.89	23.36	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.66	22.13	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.89	23.36	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	22.01	23.48	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.76	23.23	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.71	22.18	30	PASS
Band66	3MHz	256QAM	131987	1RB#0	18.8	20.27	30	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.87	20.34	30	PASS
Band66	3MHz	256QAM	131987	1RB#14	18.82	20.29	30	PASS
Band66	3MHz	256QAM	131987	15RB#0	18.82	20.29	30	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.69	20.16	30	PASS
Band66	3MHz	256QAM	132322	1RB#8	18.91	20.38	30	PASS
Band66	3MHz	256QAM	132322	1RB#14	18.91	20.38	30	PASS
Band66	3MHz	256QAM	132322	15RB#0	18.75	20.22	30	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.78	20.25	30	PASS
Band66	3MHz	256QAM	132657	1RB#8	18.92	20.39	30	PASS
Band66	3MHz	256QAM	132657	1RB#14	18.8	20.27	30	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.64	20.11	30	PASS



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Band66	5MHz	QPSK	131997	1RB#12	23.96	25.43	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.75	25.22	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.83	24.3	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.66	25.13	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.64	25.11	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.67	25.14	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.75	24.22	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.63	25.1	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.77	25.24	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.73	25.2	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.76	24.23	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.92	24.39	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.05	24.52	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.78	24.25	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.83	23.3	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.73	24.2	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.73	24.2	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.88	24.35	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.71	23.18	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.7	24.17	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.92	24.39	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.84	24.31	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.75	23.22	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.93	23.4	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.92	23.39	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.88	23.35	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.83	22.3	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.75	23.22	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.03	23.5	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.92	23.39	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.72	22.19	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.74	23.21	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.87	23.34	30	PASS



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Band66	5MHz	64QAM	132647	25RB#0	20.66	22.13	30	PASS
Band66	5MHz	256QAM	131997	1RB#0	18.88	20.35	30	PASS
Band66	5MHz	256QAM	131997	1RB#12	19.03	20.5	30	PASS
Band66	5MHz	256QAM	131997	1RB#24	19.05	20.52	30	PASS
Band66	5MHz	256QAM	131997	25RB#0	18.83	20.3	30	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.62	20.09	30	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.78	20.25	30	PASS
Band66	5MHz	256QAM	132322	1RB#24	18.89	20.36	30	PASS
Band66	5MHz	256QAM	132322	25RB#0	18.76	20.23	30	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.63	20.1	30	PASS
Band66	5MHz	256QAM	132647	1RB#12	18.87	20.34	30	PASS
Band66	5MHz	256QAM	132647	1RB#24	18.91	20.38	30	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.69	20.16	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.65	25.12	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.81	25.28	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.8	25.27	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.83	24.3	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.8	25.27	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.65	25.12	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.67	25.14	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.77	24.24	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.62	25.09	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.7	25.17	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.64	25.11	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.62	24.09	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.85	24.32	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.82	24.29	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.84	24.31	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.84	23.31	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.67	24.14	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.69	24.16	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.79	24.26	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.62	23.09	30	PASS



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Band66	10MHz	16QAM	132622	1RB#0	22.8	24.27	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.85	24.32	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.77	24.24	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.67	23.14	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.92	23.39	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.9	23.37	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.93	23.4	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.84	22.31	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.68	23.15	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.98	23.45	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.96	23.43	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.7	22.17	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.66	23.13	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.9	23.37	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.88	23.35	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.66	22.13	30	PASS
Band66	10MHz	256QAM	132022	1RB#0	18.7	20.17	30	PASS
Band66	10MHz	256QAM	132022	1RB#24	18.86	20.33	30	PASS
Band66	10MHz	256QAM	132022	1RB#49	18.89	20.36	30	PASS
Band66	10MHz	256QAM	132022	50RB#0	18.81	20.28	30	PASS
Band66	10MHz	256QAM	132322	1RB#0	18.6	20.07	30	PASS
Band66	10MHz	256QAM	132322	1RB#24	18.95	20.42	30	PASS
Band66	10MHz	256QAM	132322	1RB#49	18.74	20.21	30	PASS
Band66	10MHz	256QAM	132322	50RB#0	18.69	20.16	30	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.78	20.25	30	PASS
Band66	10MHz	256QAM	132622	1RB#24	18.87	20.34	30	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.68	20.15	30	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.69	20.16	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.41	24.88	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.5	24.97	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.7	25.17	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.67	24.14	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.68	25.15	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.47	24.94	30	PASS



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Band66	15MHz	QPSK	132322	1RB#74	23.56	25.03	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.64	24.11	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.54	25.01	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.43	24.9	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.47	24.94	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.48	23.95	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.52	23.99	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.6	24.07	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.78	24.25	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.68	23.15	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.57	24.04	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.53	24	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.78	24.25	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.61	23.08	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.74	24.21	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.67	24.14	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.71	24.18	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.51	22.98	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.7	23.17	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.83	23.3	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.76	23.23	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.69	22.16	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.6	23.07	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.5	22.97	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.78	23.25	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.59	22.06	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.53	23	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.71	23.18	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.55	23.02	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.58	22.05	30	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.61	20.08	30	PASS
Band66	15MHz	256QAM	132047	1RB#38	18.69	20.16	30	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.68	20.15	30	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.69	20.16	30	PASS



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Band66	15MHz	256QAM	132322	1RB#0	18.51	19.98	30	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.7	20.17	30	PASS
Band66	15MHz	256QAM	132322	1RB#74	18.6	20.07	30	PASS
Band66	15MHz	256QAM	132322	75RB#0	18.58	20.05	30	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.41	19.88	30	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.73	20.2	30	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.53	20	30	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.55	20.02	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.52	24.99	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.49	24.96	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.82	25.29	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.62	24.09	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.66	25.13	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.53	25	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.56	25.03	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.53	24	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.58	25.05	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.56	25.03	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.93	25.4	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.61	24.08	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.75	24.22	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.65	24.12	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.74	24.21	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.71	23.18	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.53	24	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.54	24.01	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.86	24.33	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.58	23.05	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.4	23.87	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.66	24.13	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.48	23.95	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.62	23.09	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.59	23.06	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.64	23.11	30	PASS



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Band66	20MHz	64QAM	132072	100RB#0	20.72	22.19	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.69	23.16	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.76	23.23	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.92	23.39	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.6	22.07	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.66	23.13	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.7	23.17	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.57	23.04	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.57	22.04	30	PASS
Band66	20MHz	256QAM	132072	1RB#0	18.46	19.93	30	PASS
Band66	20MHz	256QAM	132072	1RB#49	18.57	20.04	30	PASS
Band66	20MHz	256QAM	132072	1RB#99	18.9	20.37	30	PASS
Band66	20MHz	256QAM	132072	100RB#0	18.62	20.09	30	PASS
Band66	20MHz	256QAM	132322	1RB#0	18.43	19.9	30	PASS
Band66	20MHz	256QAM	132322	1RB#49	18.68	20.15	30	PASS
Band66	20MHz	256QAM	132322	1RB#99	18.79	20.26	30	PASS
Band66	20MHz	256QAM	132322	100RB#0	18.63	20.1	30	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.71	20.18	30	PASS
Band66	20MHz	256QAM	132572	1RB#49	18.82	20.29	30	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.7	20.17	30	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.61	20.08	30	PASS



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2. Frequency Stability

2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.135	-0.429	-0.0002	/	Pass
					3.7	-1.168	-0.0007	/	Pass
					4.4	-1.312	-0.0008	/	Pass
				-30	3.7	-1.011	-0.0006	/	Pass
				-20	3.7	-1.172	-0.0007	/	Pass
				-10	3.7	-0.256	-0.0001	/	Pass
				0	3.7	-0.100	-0.0001	/	Pass
				10	3.7	-0.263	-0.0002	/	Pass
				30	3.7	0.460	0.0003	/	Pass
				40	3.7	-1.068	-0.0006	/	Pass
	1745	100	0	20	3.135	-1.559	-0.0009	/	Pass
					3.7	-1.782	-0.0010	/	Pass
					4.4	-1.768	-0.0010	/	Pass
				-30	3.7	-1.568	-0.0009	/	Pass
				-20	3.7	-0.122	-0.0001	/	Pass
				-10	3.7	-0.414	-0.0002	/	Pass
				0	3.7	-0.234	-0.0001	/	Pass
				10	3.7	-0.590	-0.0003	/	Pass
				30	3.7	-1.399	-0.0008	/	Pass
				40	3.7	-0.292	-0.0002	/	Pass
	1770	100	0	20	3.135	-1.307	-0.0007	/	Pass
					3.7	-0.406	-0.0002	/	Pass
					4.4	-1.962	-0.0011	/	Pass
				-30	3.7	-1.136	-0.0006	/	Pass
				-20	3.7	-0.178	-0.0001	/	Pass
				-10	3.7	-0.680	-0.0004	/	Pass
				0	3.7	-1.869	-0.0011	/	Pass
				10	3.7	-1.937	-0.0011	/	Pass
				30	3.7	-0.456	-0.0003	/	Pass
				40	3.7	-2.491	-0.0014	/	Pass
				50	3.7	-0.449	-0.0003	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = LTE_B66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3750.7875	53.54	-49.45	30.50	-60.67	-13.00	47.67	Horizontal
2	5712.8856	51.10	-46.19	33.60	-56.75	-13.00	43.75	Horizontal
3	8551.7776	48.83	-41.40	39.07	-48.76	-13.00	35.76	Horizontal
4	10603.8802	47.07	-39.48	39.31	-48.36	-13.00	35.36	Horizontal
5	14994.5997	47.24	-34.87	39.92	-42.97	-13.00	29.97	Horizontal
6	17914.4957	48.25	-38.27	42.29	-42.99	-13.00	29.99	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3650.2825	53.36	-49.50	30.40	-61.00	-13.00	48.00	Vertical
2	5133.1067	52.22	-47.28	33.57	-56.75	-13.00	43.75	Vertical
3	6975.1988	50.89	-44.02	36.45	-51.94	-13.00	38.94	Vertical
4	8544.2772	48.90	-41.47	38.96	-48.87	-13.00	35.87	Vertical
5	11434.1717	47.34	-38.43	39.63	-46.72	-13.00	33.72	Vertical
6	15048.6024	47.17	-35.41	39.85	-43.65	-13.00	30.65	Vertical



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Test Band = LTE_B66
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3612.7806	53.64	-49.54	30.25	-60.91	-13.00	47.91	Horizontal
2	5149.6075	52.16	-47.18	33.60	-56.68	-13.00	43.68	Horizontal
3	7005.2003	50.32	-43.62	36.48	-52.08	-13.00	39.08	Horizontal
4	8545.0273	49.03	-41.46	38.98	-48.71	-13.00	35.71	Horizontal
5	11447.6724	47.53	-38.40	39.60	-46.53	-13.00	33.53	Horizontal
6	15096.6048	48.19	-36.06	39.80	-43.33	-13.00	30.33	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.7736	53.92	-49.95	29.69	-61.60	-13.00	48.60	Vertical
2	5139.857	52.31	-47.24	33.58	-56.61	-13.00	43.61	Vertical
3	6969.1985	50.84	-44.15	36.44	-52.13	-13.00	39.13	Vertical
4	8545.0273	49.32	-41.46	38.98	-48.42	-13.00	35.42	Vertical
5	12452.7226	46.50	-37.51	39.55	-46.72	-13.00	33.72	Vertical
6	14527.3264	47.67	-35.76	40.57	-42.78	-13.00	29.78	Vertical



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Test Band = LTE_B66
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.0261	54.93	-49.58	29.93	-59.98	-13.00	46.98	Horizontal
2	5103.8552	52.20	-47.45	33.51	-57.00	-13.00	44.00	Horizontal
3	6967.6984	50.86	-44.18	36.44	-52.14	-13.00	39.14	Horizontal
4	8553.2777	48.76	-41.42	39.04	-48.88	-13.00	35.88	Horizontal
5	11303.6652	47.38	-38.59	39.60	-46.87	-13.00	33.87	Horizontal
6	15014.8507	46.87	-34.97	39.89	-43.47	-13.00	30.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.0261	54.61	-49.58	29.93	-60.30	-13.00	47.30	Vertical
2	5890.6445	50.87	-45.65	34.26	-55.78	-13.00	42.78	Vertical
3	9507.3254	48.86	-40.67	39.19	-47.88	-13.00	34.88	Vertical
4	12524.7262	46.76	-37.37	39.48	-46.39	-13.00	33.39	Vertical
5	15016.3508	46.94	-34.99	39.88	-43.43	-13.00	30.43	Vertical
6	17993.9997	48.48	-38.98	42.76	-43.00	-13.00	30.00	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



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4. 99% & 26dB Bandwidth

4.1 Band66_OBW

4.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.126	/	Pass
		1745	6	0	1.114	/	Pass
		1779.3	6	0	1.136	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.128	/	Pass
		1779.3	6	0	1.121	/	Pass
	64QAM	1710.7	6	0	1.121	/	Pass
		1745	6	0	1.117	/	Pass
		1779.3	6	0	1.118	/	Pass
	256QAM	1710.7	6	0	1.114	/	Pass
		1745	6	0	1.118	/	Pass
		1779.3	6	0	1.138	/	Pass
3	QPSK	1711.5	15	0	2.754	/	Pass
		1745	15	0	2.745	/	Pass
		1778.5	15	0	2.744	/	Pass
	16QAM	1711.5	15	0	2.758	/	Pass
		1745	15	0	2.755	/	Pass
		1778.5	15	0	2.745	/	Pass
	64QAM	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.752	/	Pass
		1778.5	15	0	2.751	/	Pass
	256QAM	1711.5	15	0	2.747	/	Pass
		1745	15	0	2.747	/	Pass
		1778.5	15	0	2.749	/	Pass
5	QPSK	1712.5	25	0	4.570	/	Pass
		1745	25	0	4.568	/	Pass
		1777.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.569	/	Pass
		1745	25	0	4.585	/	Pass
		1777.5	25	0	4.574	/	Pass
	64QAM	1712.5	25	0	4.566	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.564	/	Pass
	256QAM	1712.5	25	0	4.589	/	Pass
		1745	25	0	4.571	/	Pass
		1777.5	25	0	4.566	/	Pass
10	QPSK	1715	50	0	9.099	/	Pass
		1745	50	0	9.078	/	Pass
		1775	50	0	9.064	/	Pass



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	16QAM	1715	50	0	9.065	/	Pass
		1745	50	0	9.089	/	Pass
		1775	50	0	9.085	/	Pass
	64QAM	1715	50	0	9.073	/	Pass
		1745	50	0	9.091	/	Pass
		1775	50	0	9.074	/	Pass
	256QAM	1715	50	0	9.090	/	Pass
		1745	50	0	9.041	/	Pass
		1775	50	0	9.064	/	Pass
15	QPSK	1717.5	75	0	13.602	/	Pass
		1745	75	0	13.640	/	Pass
		1772.5	75	0	13.651	/	Pass
	16QAM	1717.5	75	0	13.578	/	Pass
		1745	75	0	13.612	/	Pass
		1772.5	75	0	13.605	/	Pass
	64QAM	1717.5	75	0	13.615	/	Pass
		1745	75	0	13.600	/	Pass
		1772.5	75	0	13.586	/	Pass
	256QAM	1717.5	75	0	13.586	/	Pass
		1745	75	0	13.599	/	Pass
		1772.5	75	0	13.609	/	Pass
20	QPSK	1720	100	0	18.150	/	Pass
		1745	100	0	18.107	/	Pass
		1770	100	0	18.139	/	Pass
	16QAM	1720	100	0	18.123	/	Pass
		1745	100	0	18.147	/	Pass
		1770	100	0	18.122	/	Pass
	64QAM	1720	100	0	18.090	/	Pass
		1745	100	0	18.077	/	Pass
		1770	100	0	18.128	/	Pass
	256QAM	1720	100	0	18.113	/	Pass
		1745	100	0	18.131	/	Pass
		1770	100	0	18.087	/	Pass



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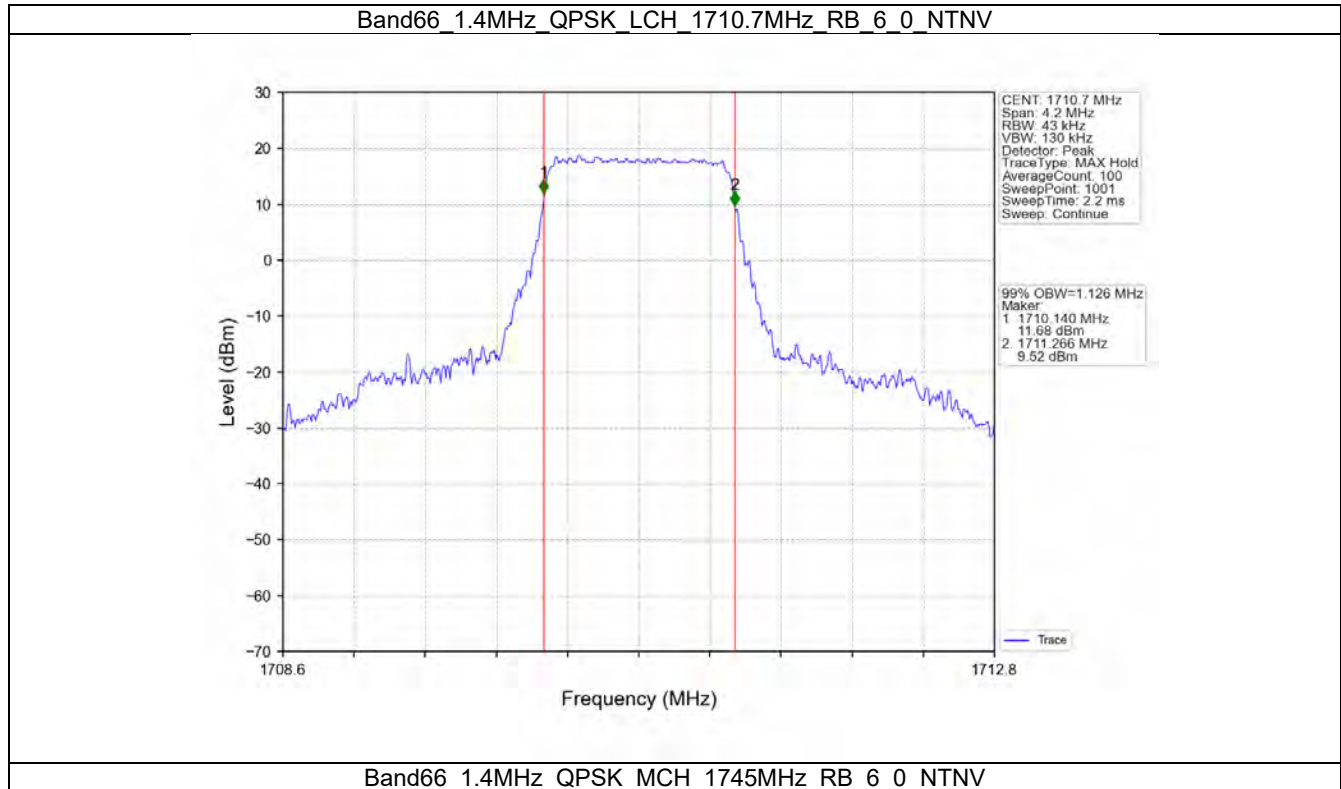
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4.1.2 Test Graph



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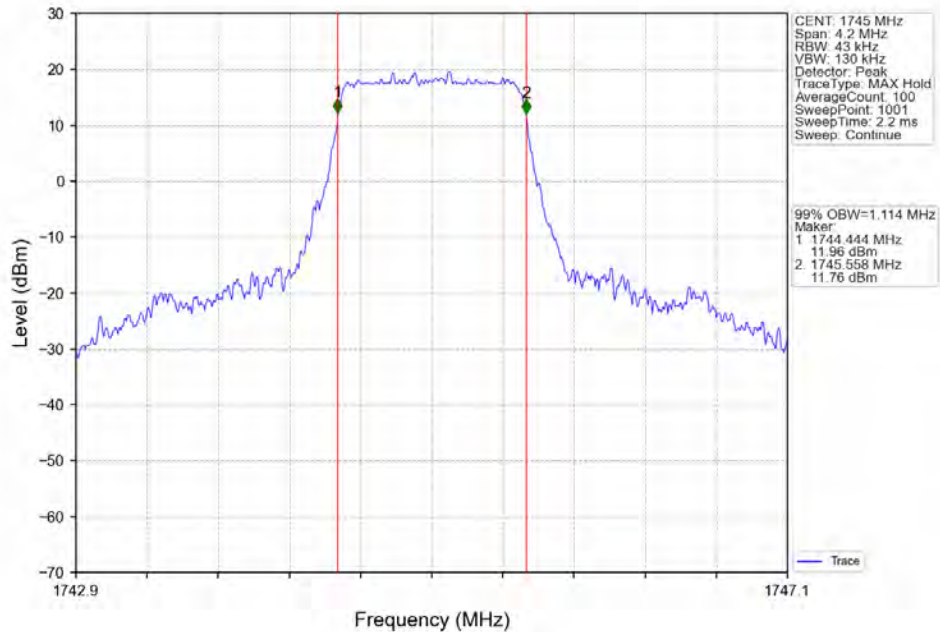
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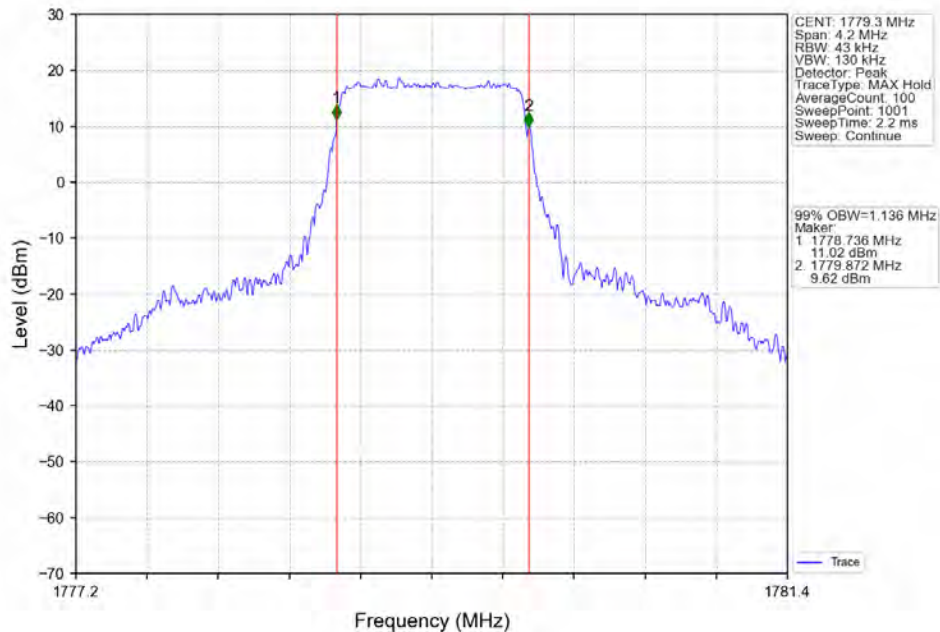
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



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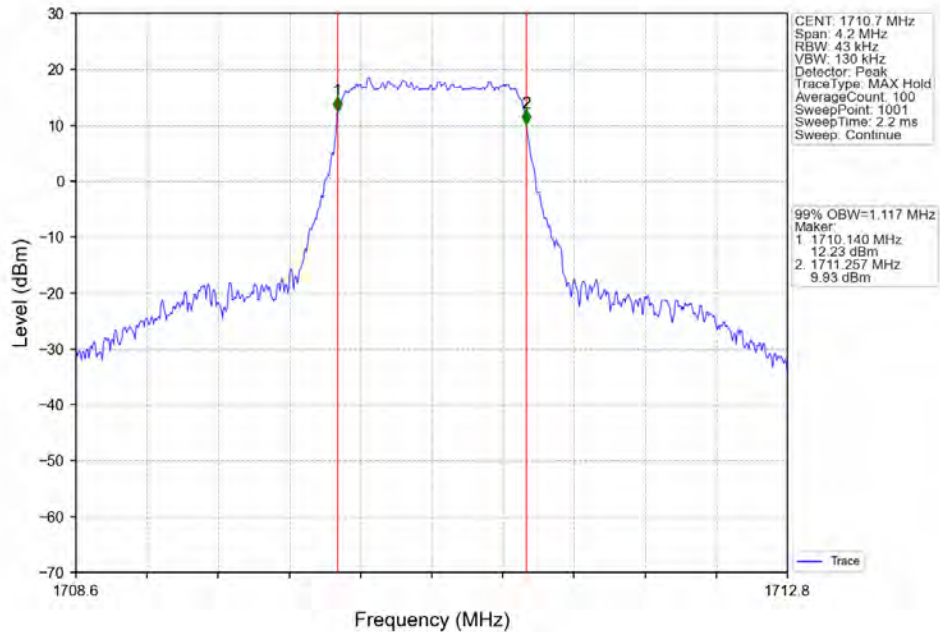
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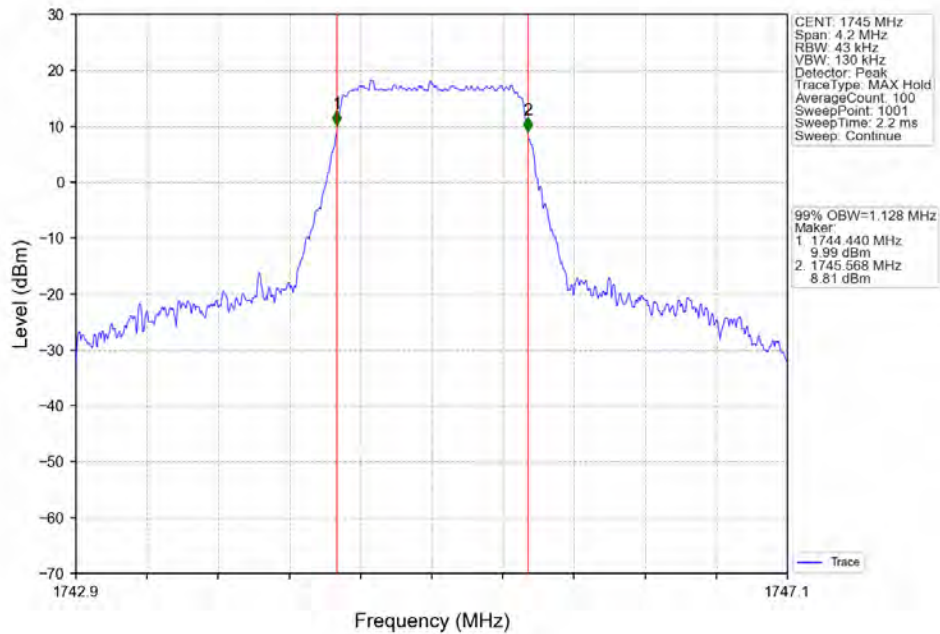
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Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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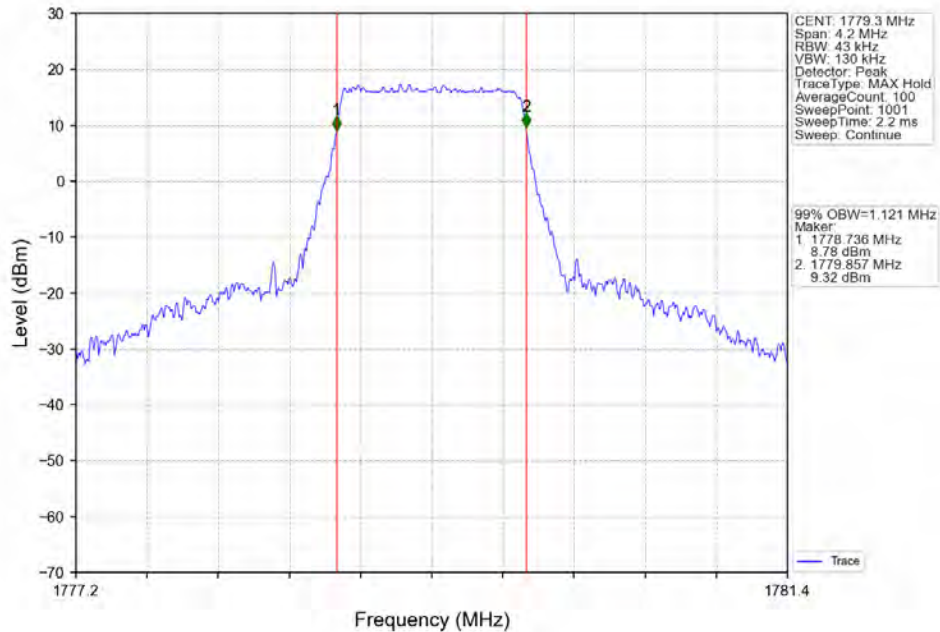
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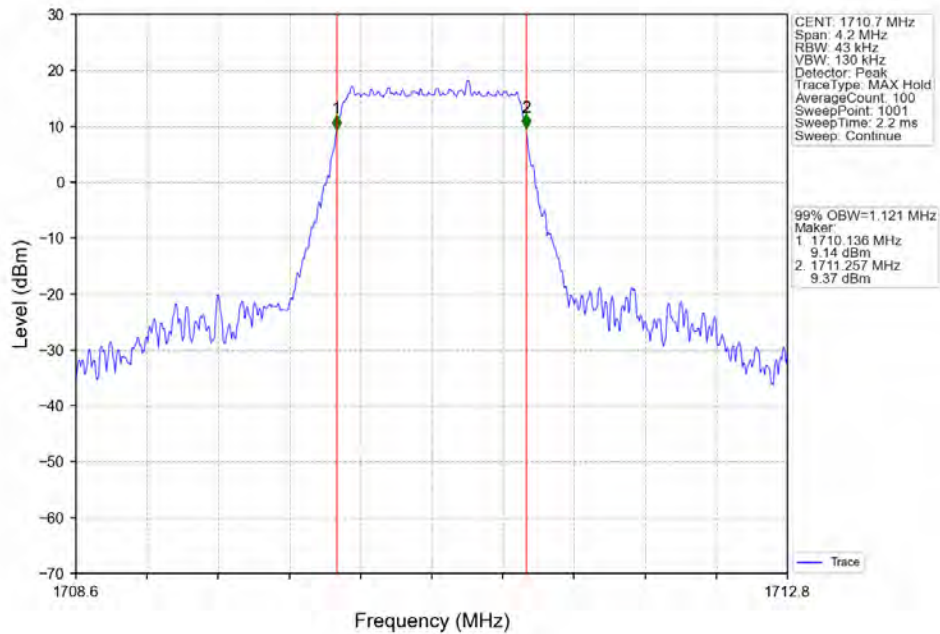
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Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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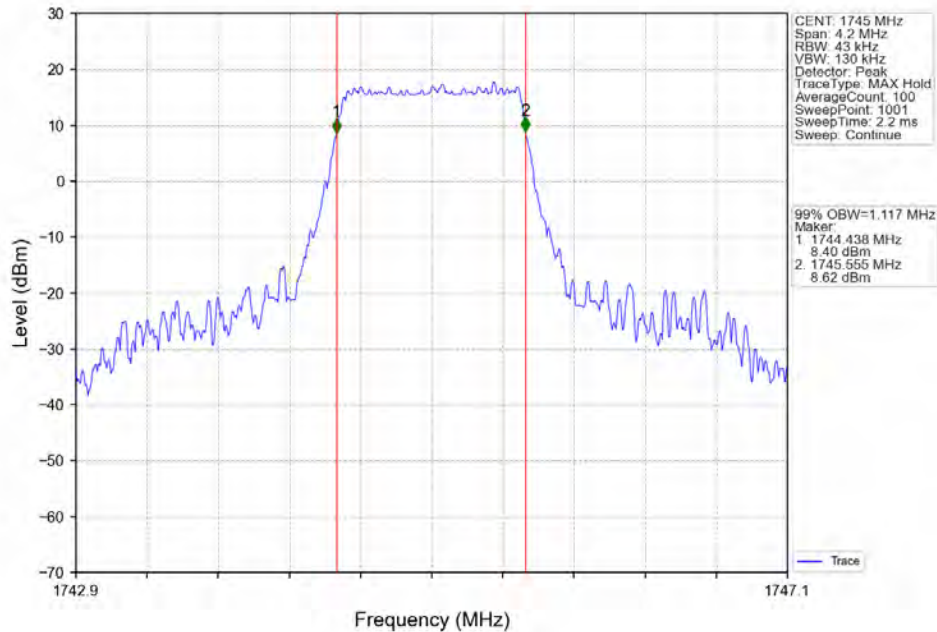
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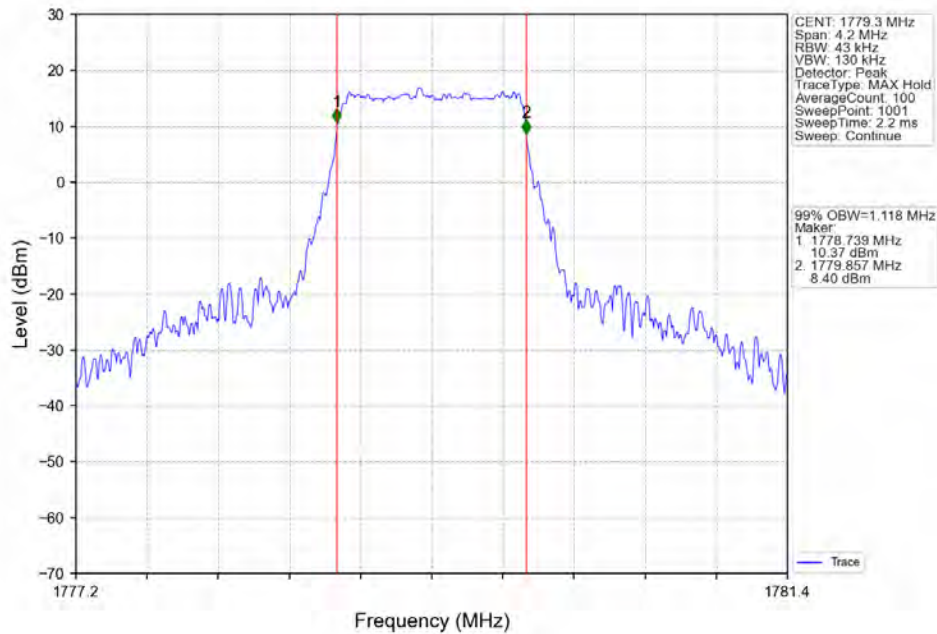
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Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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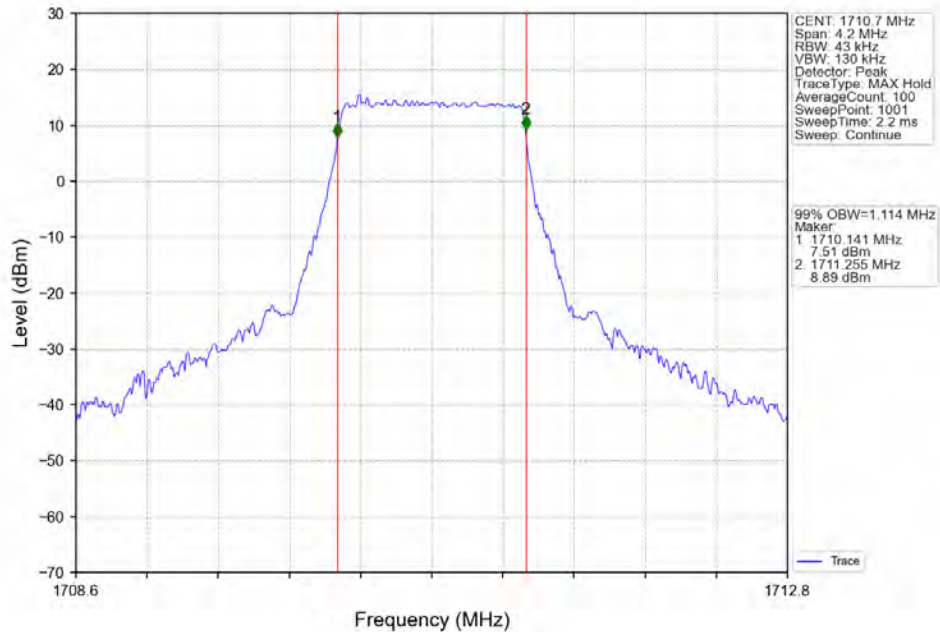
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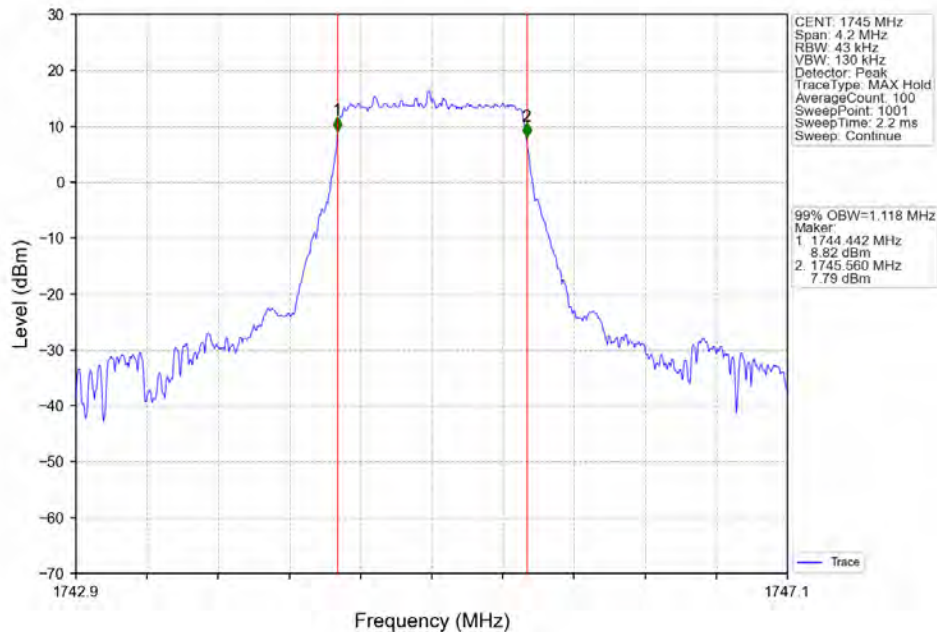
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Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



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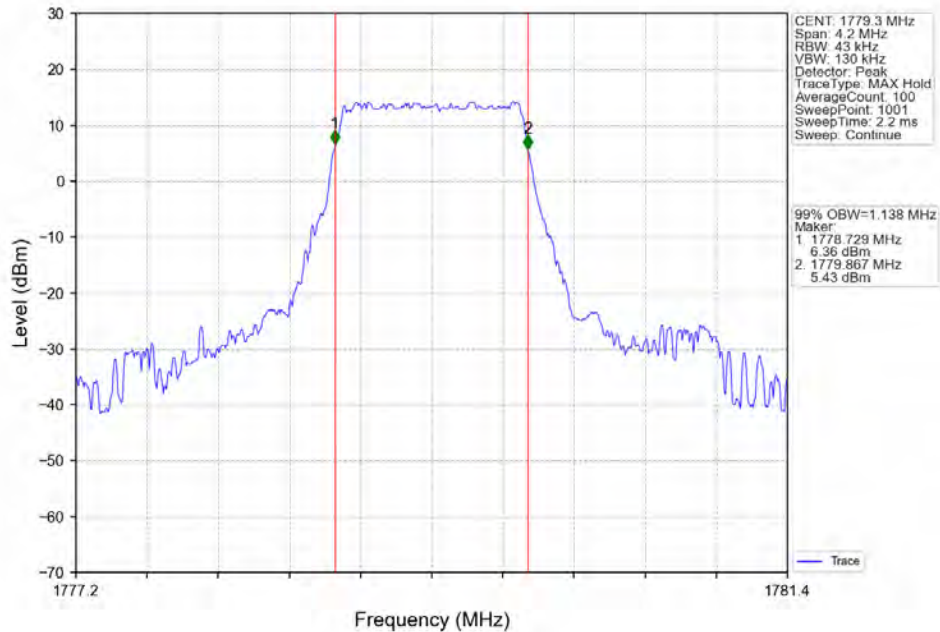
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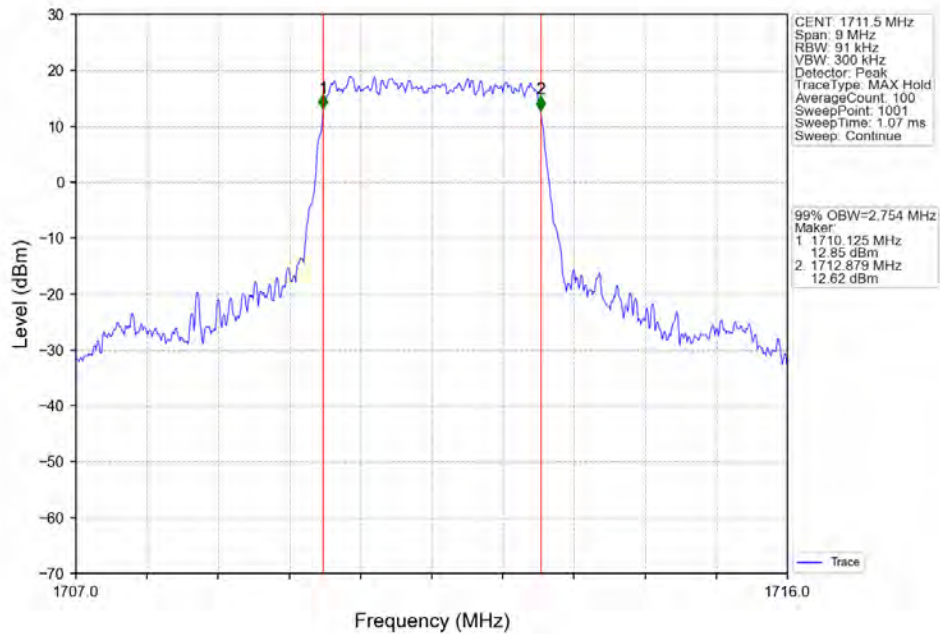
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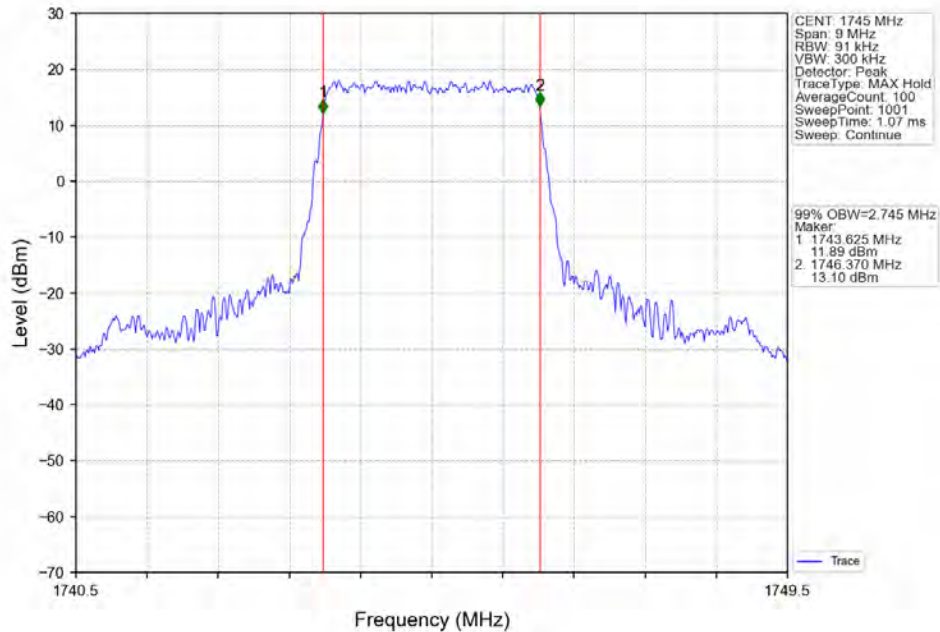
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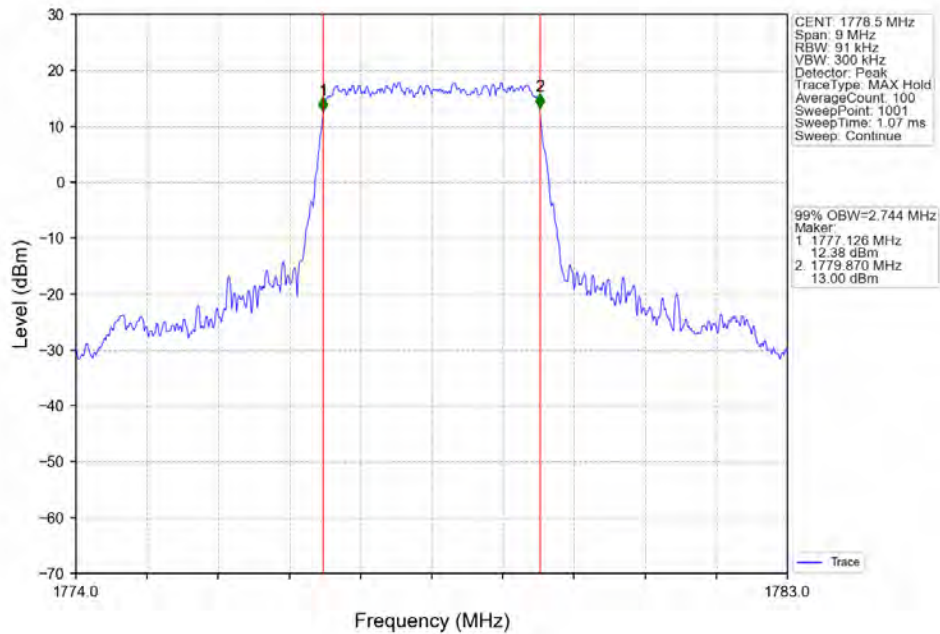
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Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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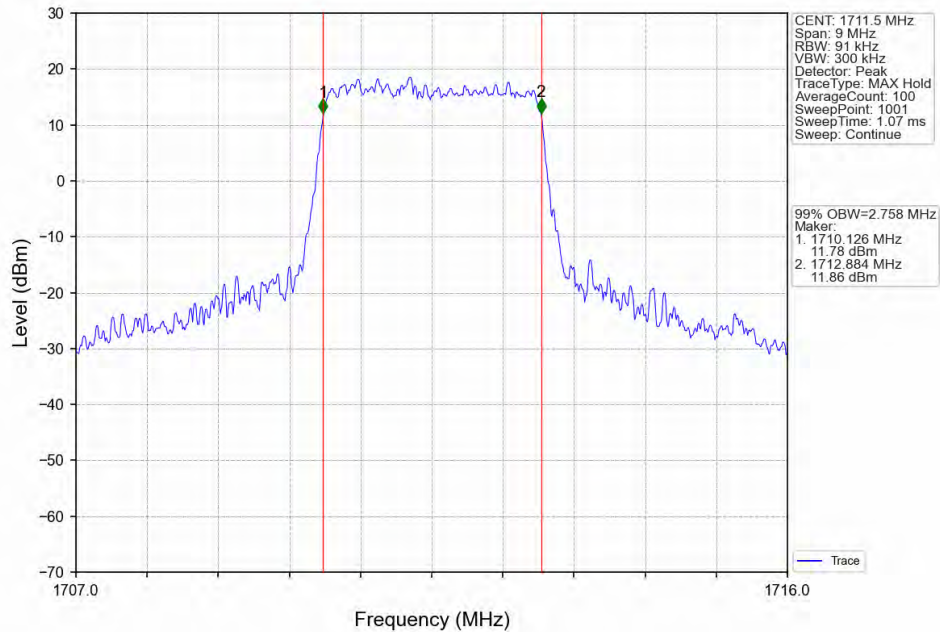
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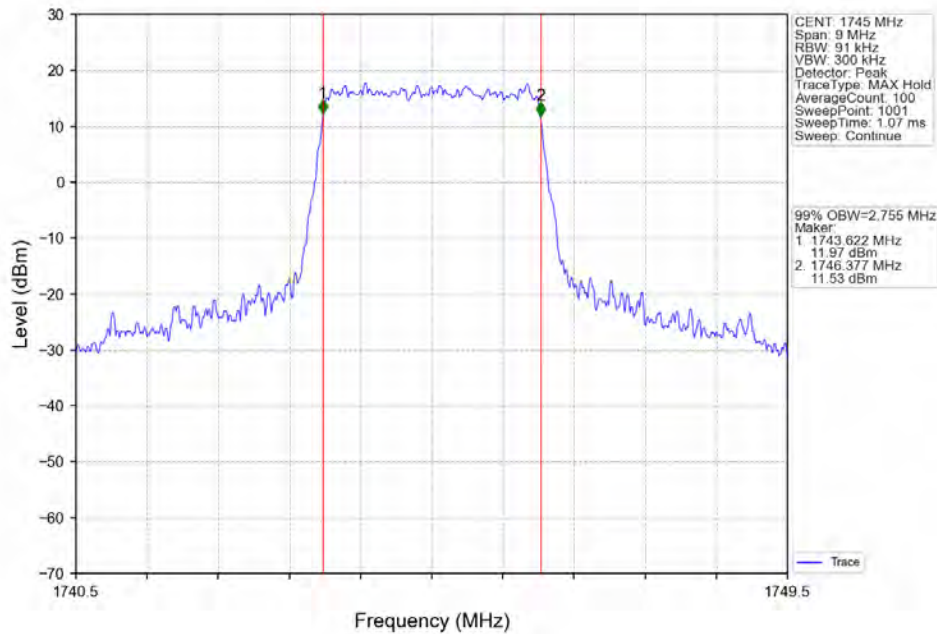
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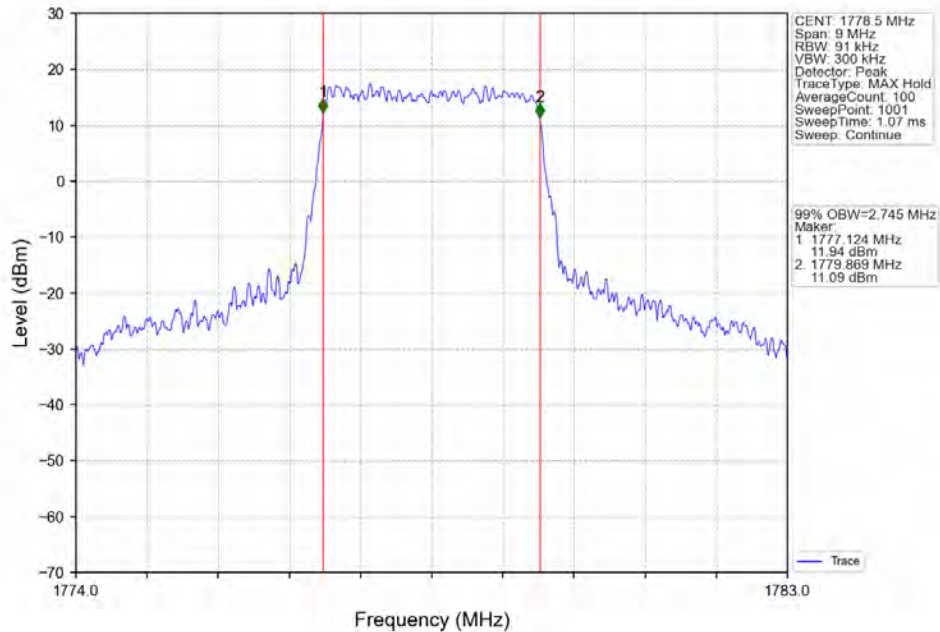
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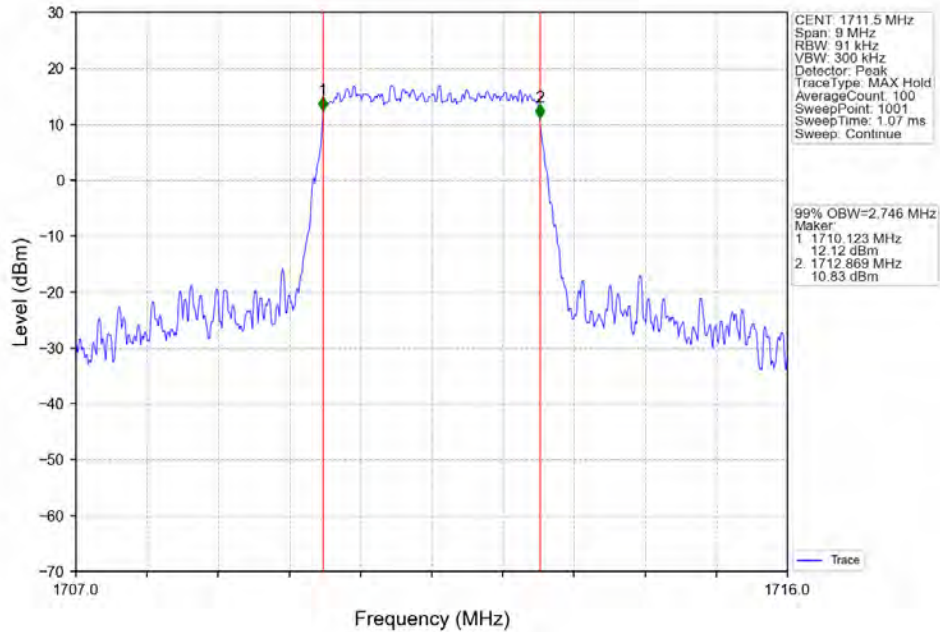
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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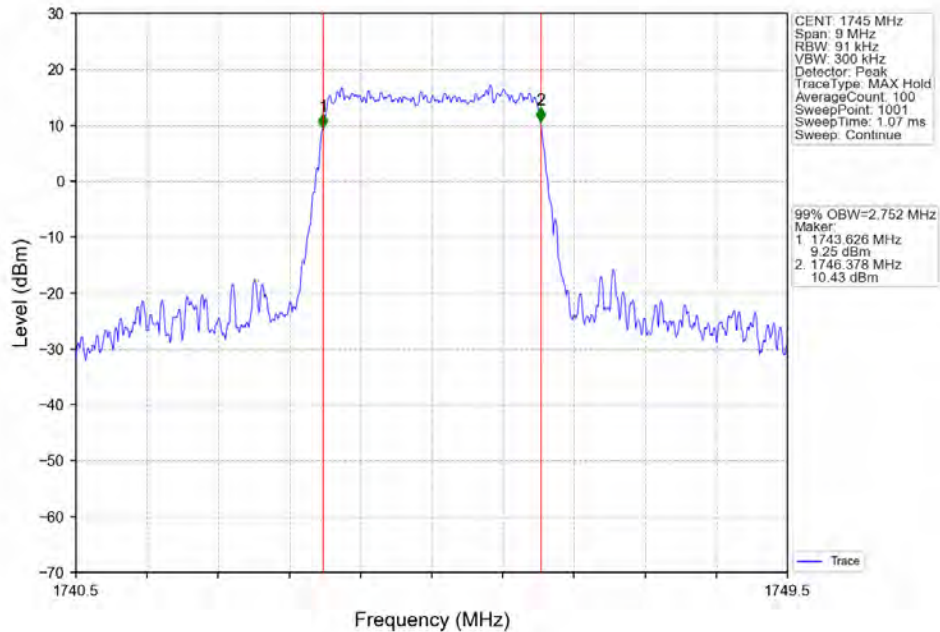
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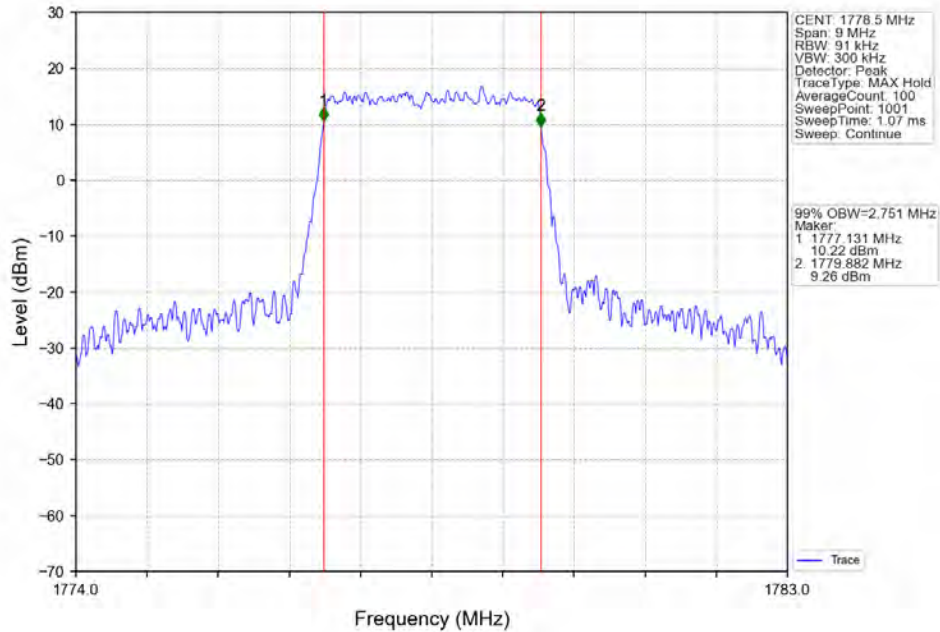
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Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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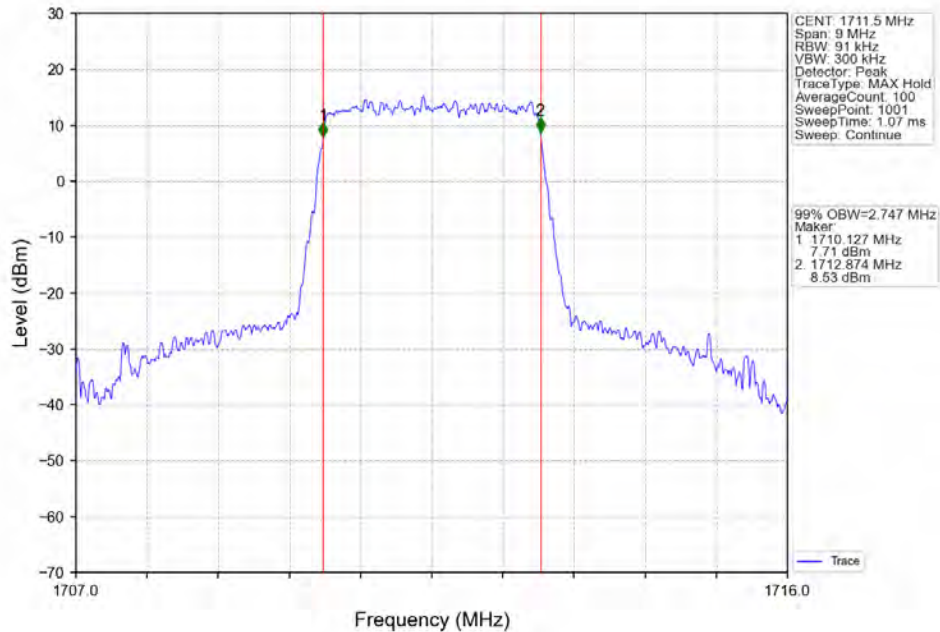
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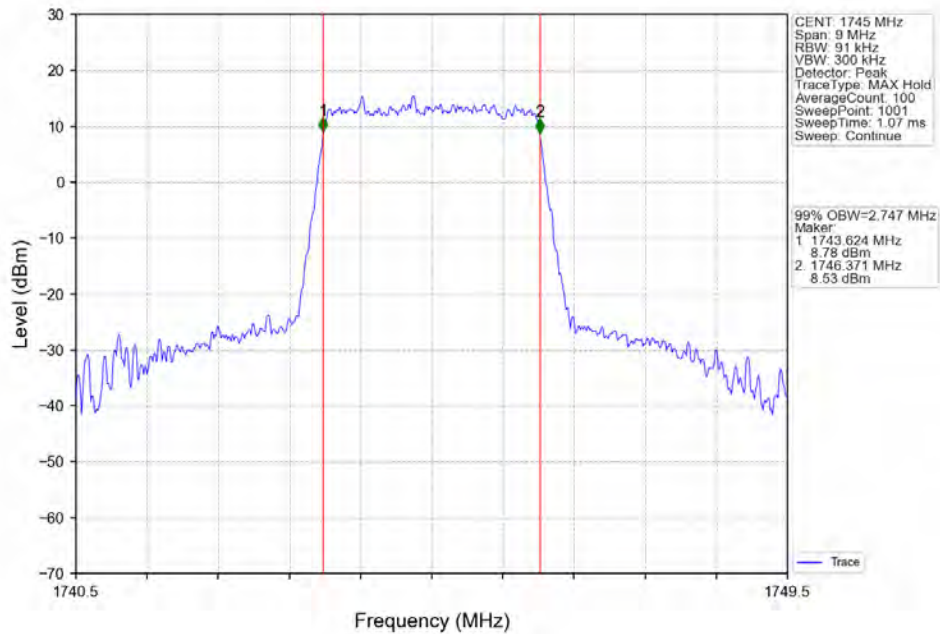
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Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



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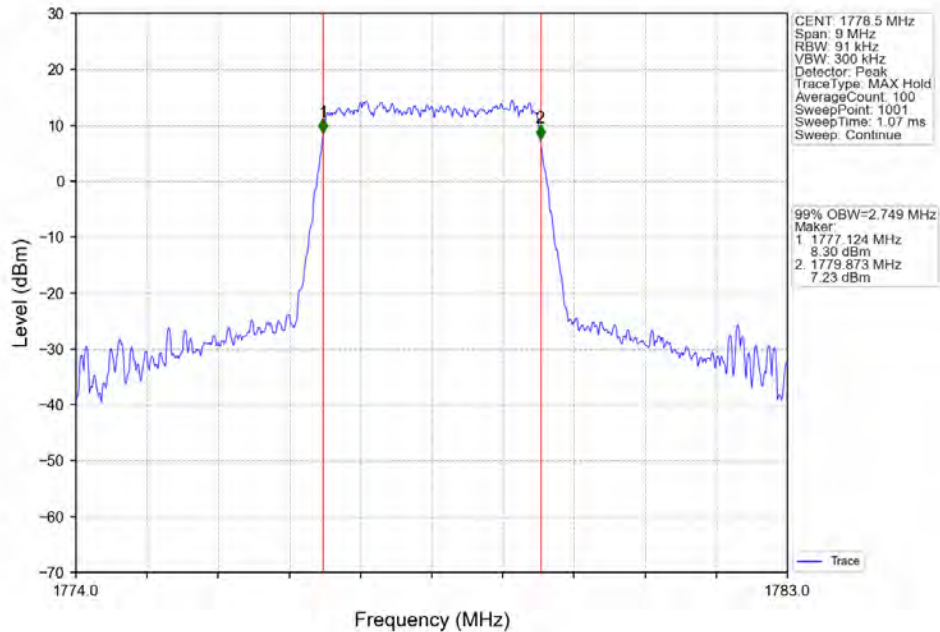
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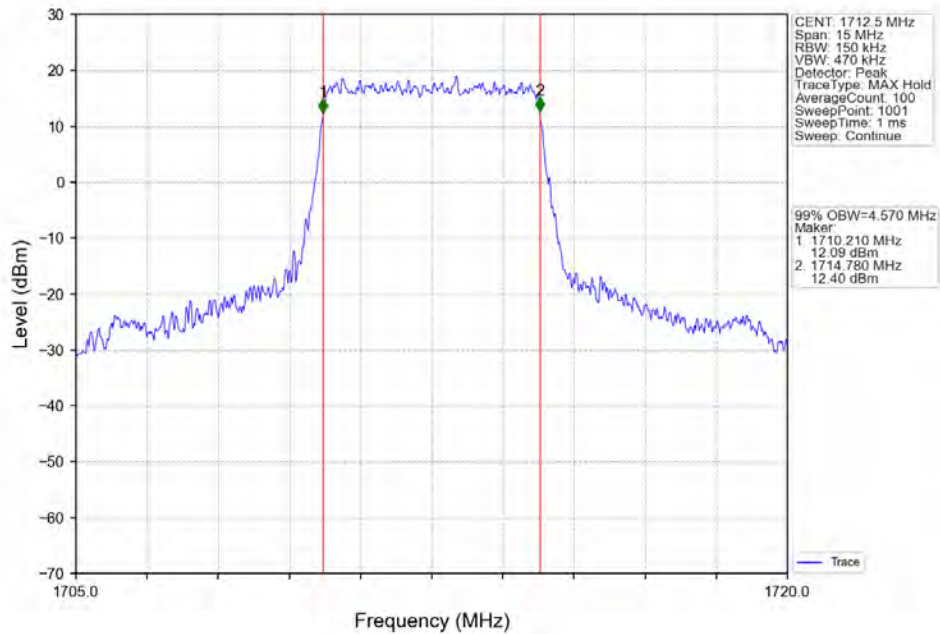
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Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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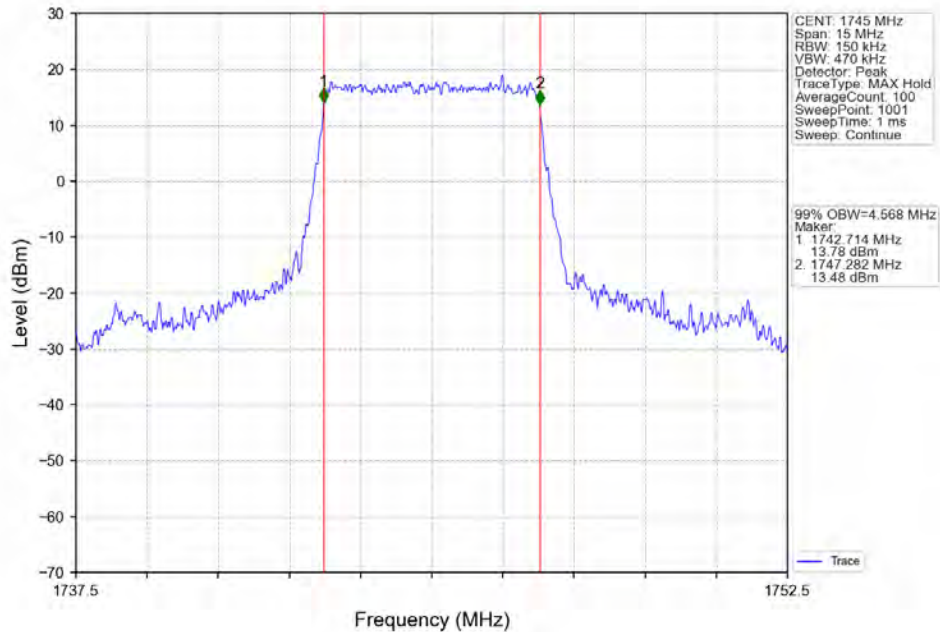
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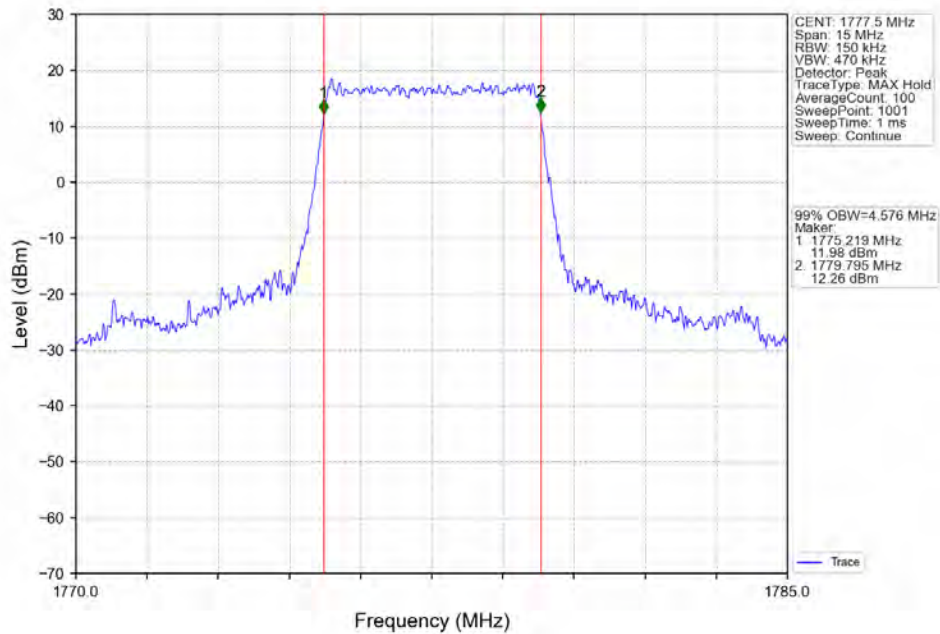
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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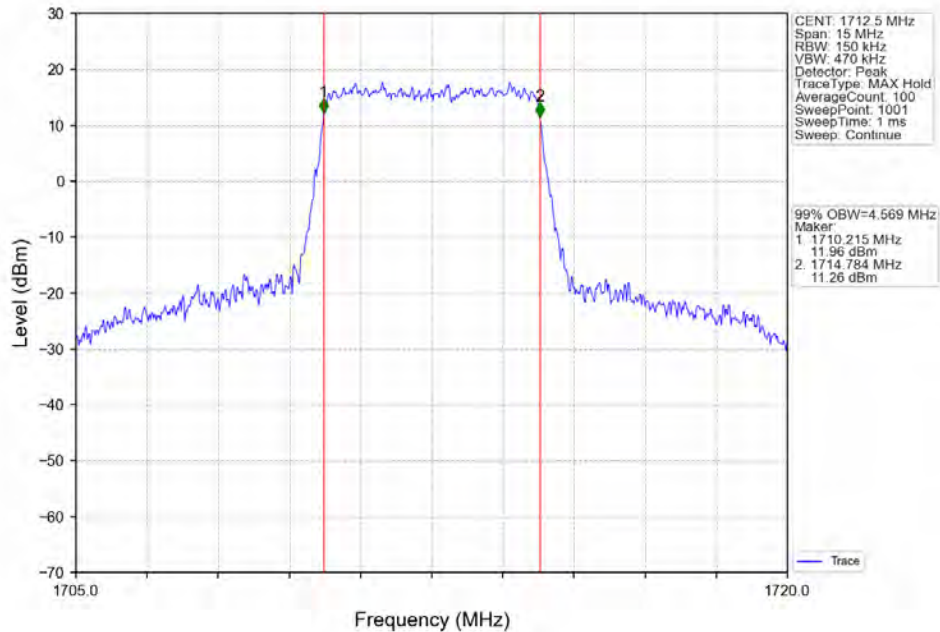
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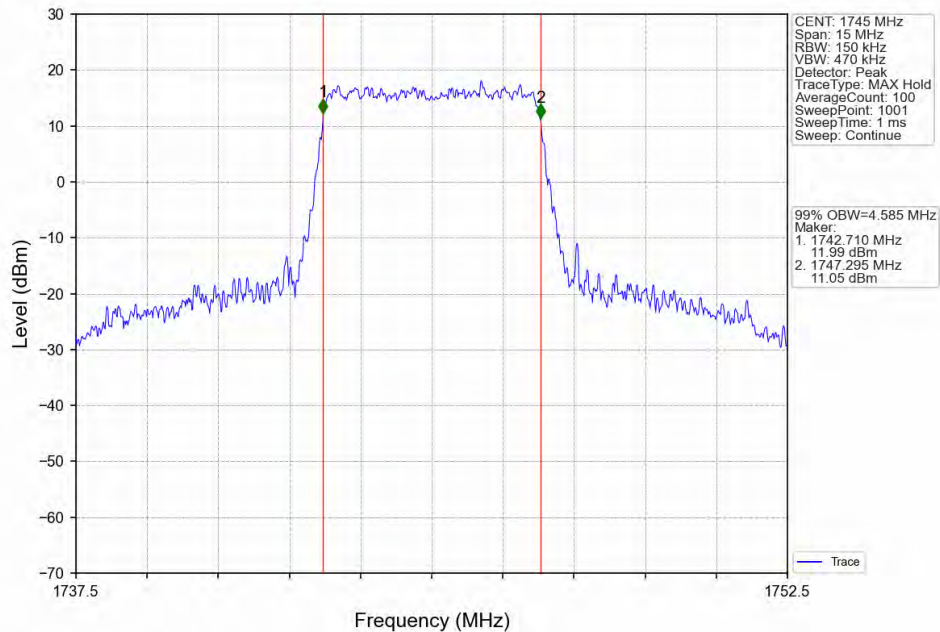
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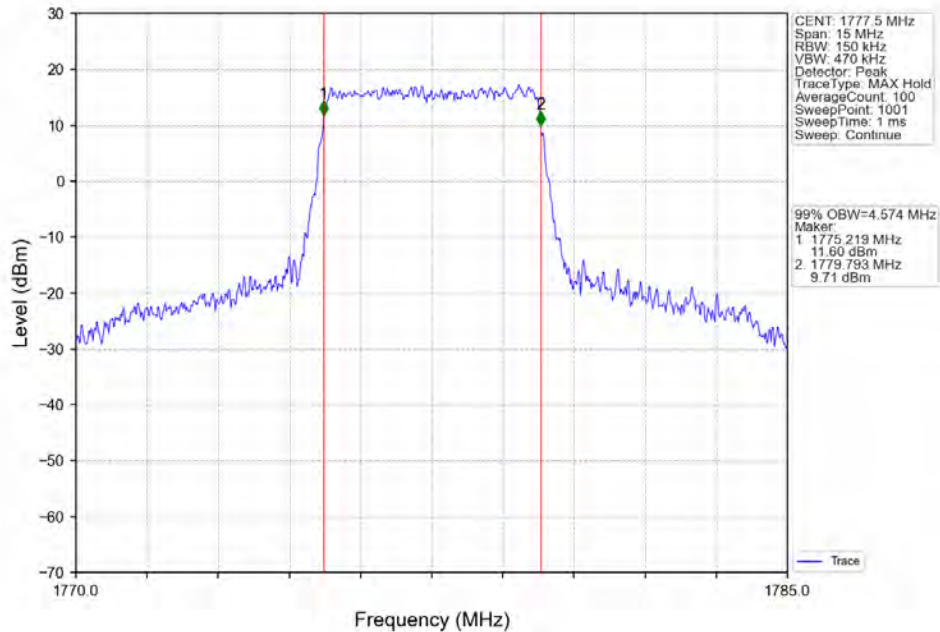
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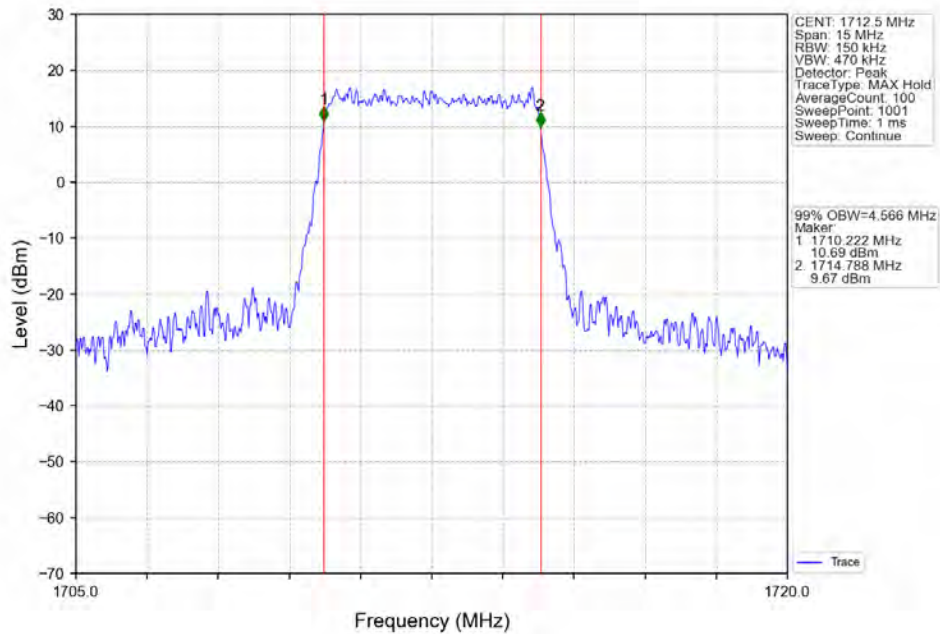
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Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



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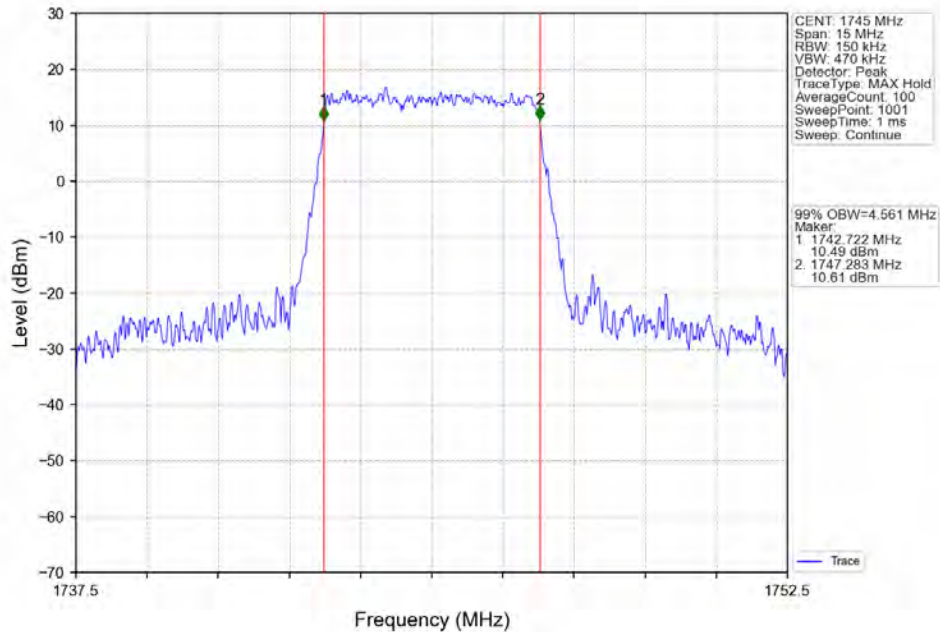
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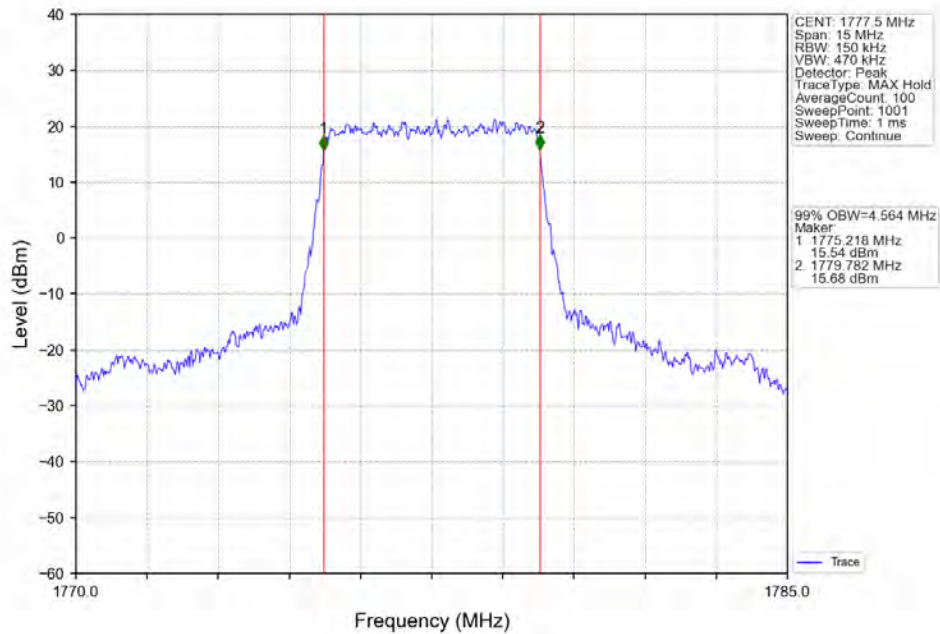
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



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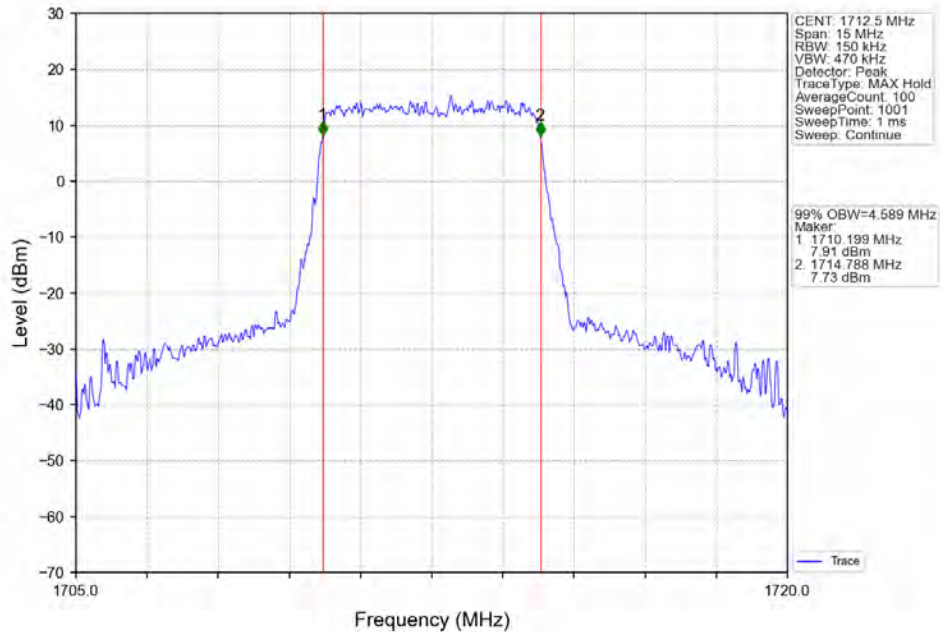
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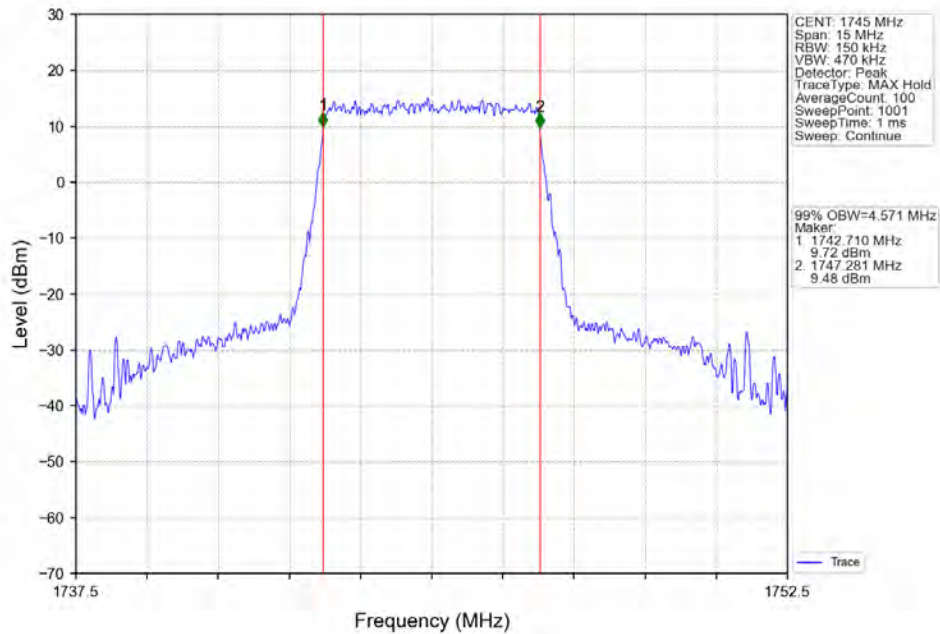
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Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



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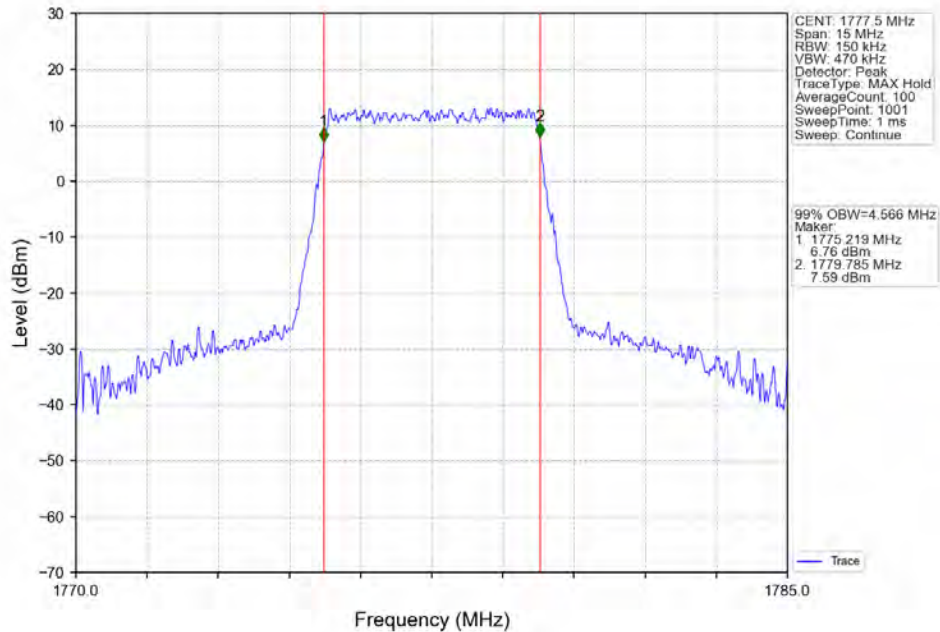
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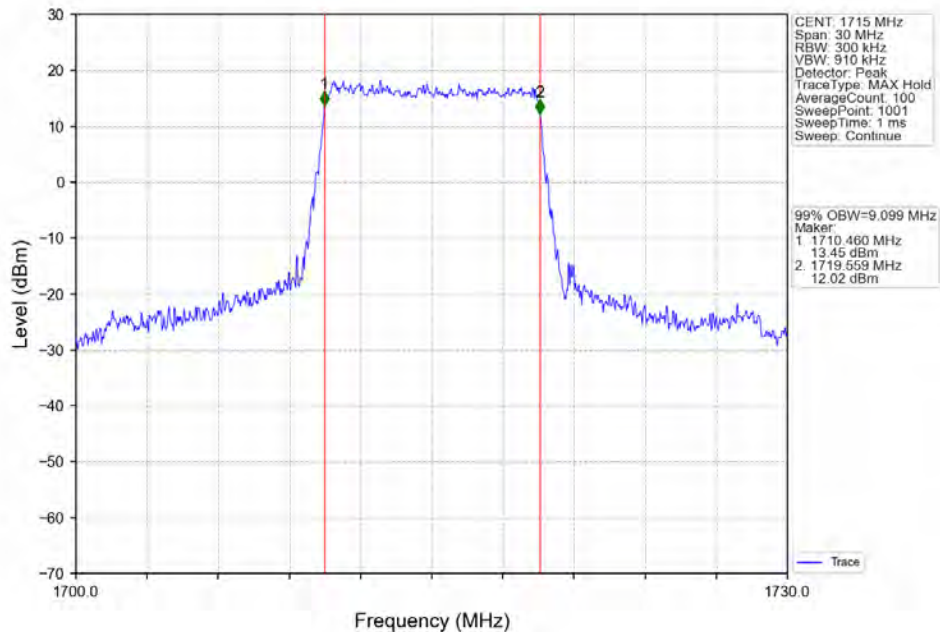
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Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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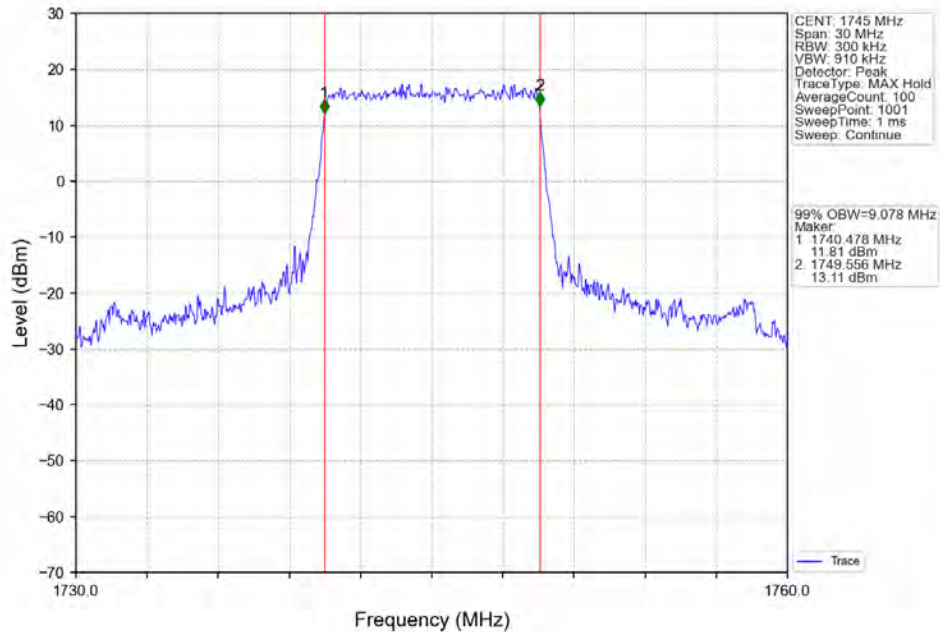
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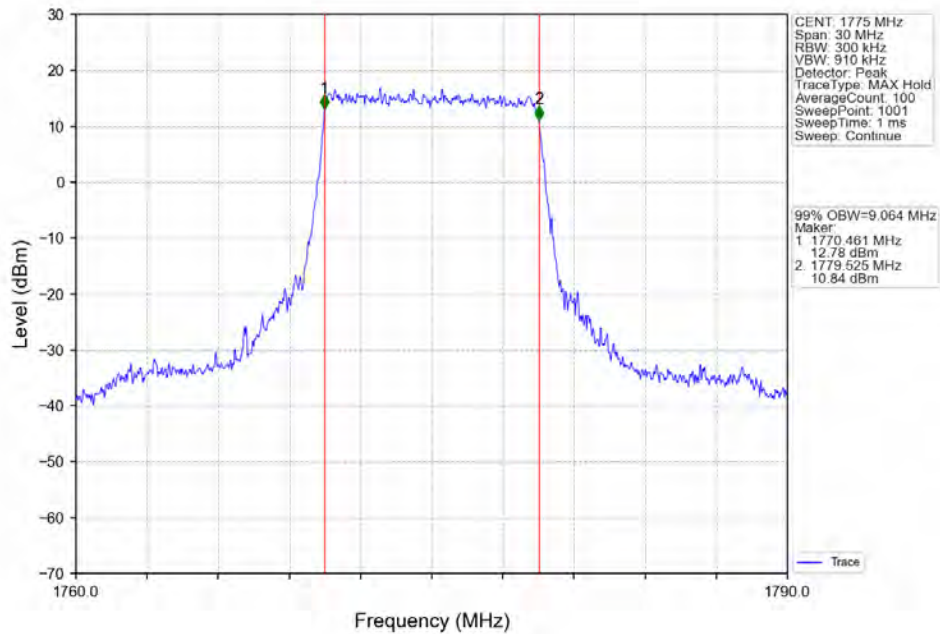
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Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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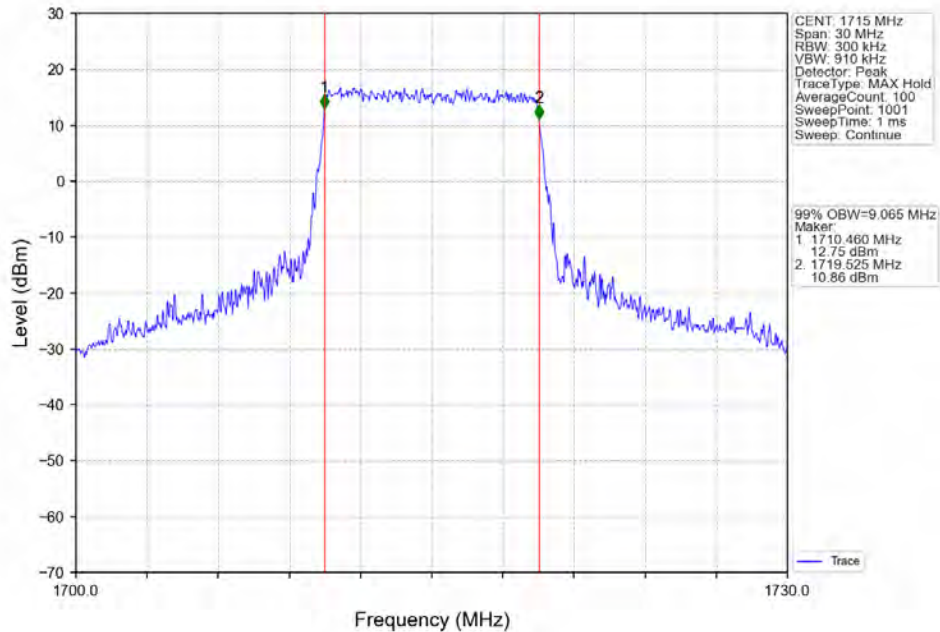
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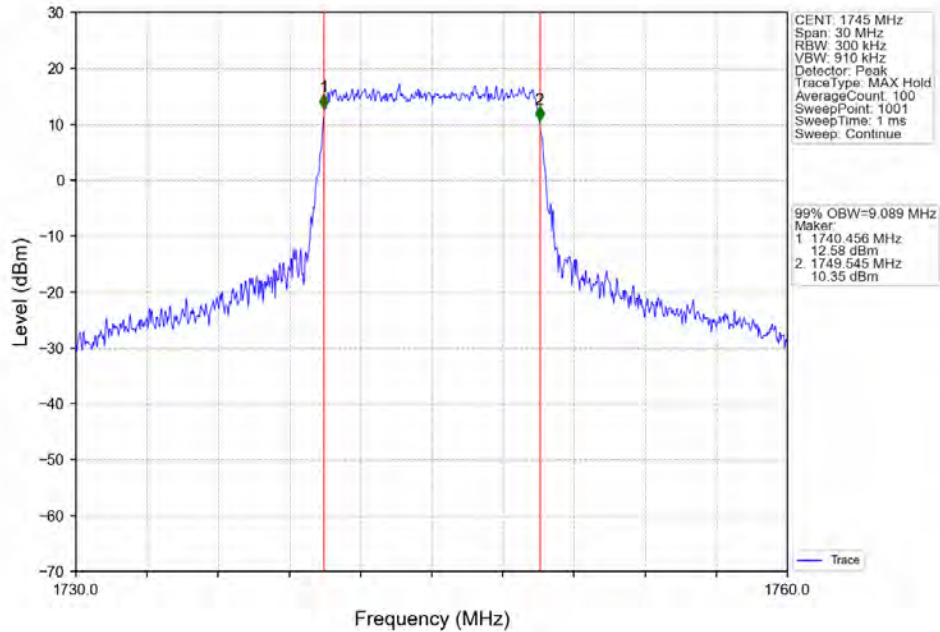
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Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



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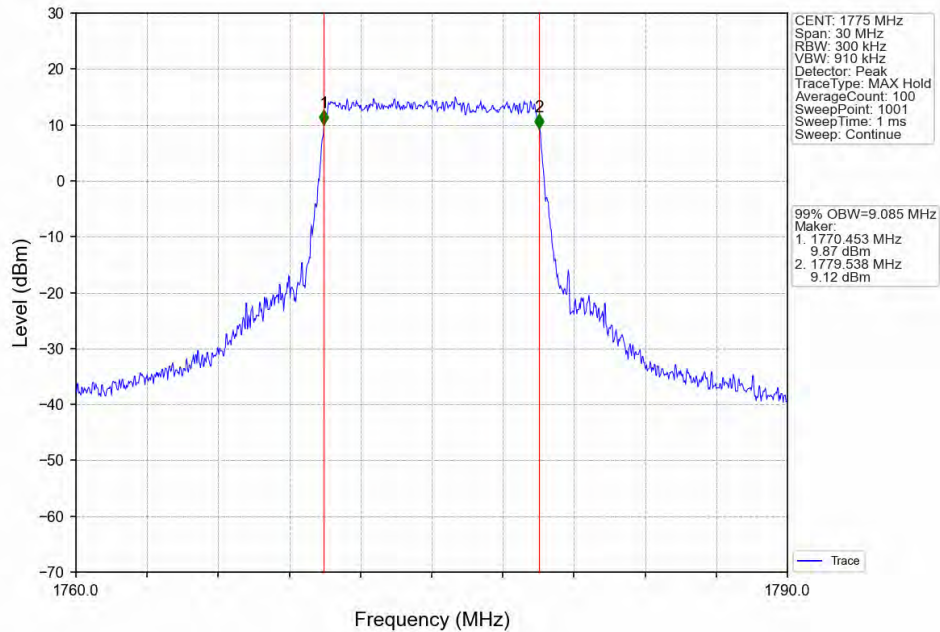
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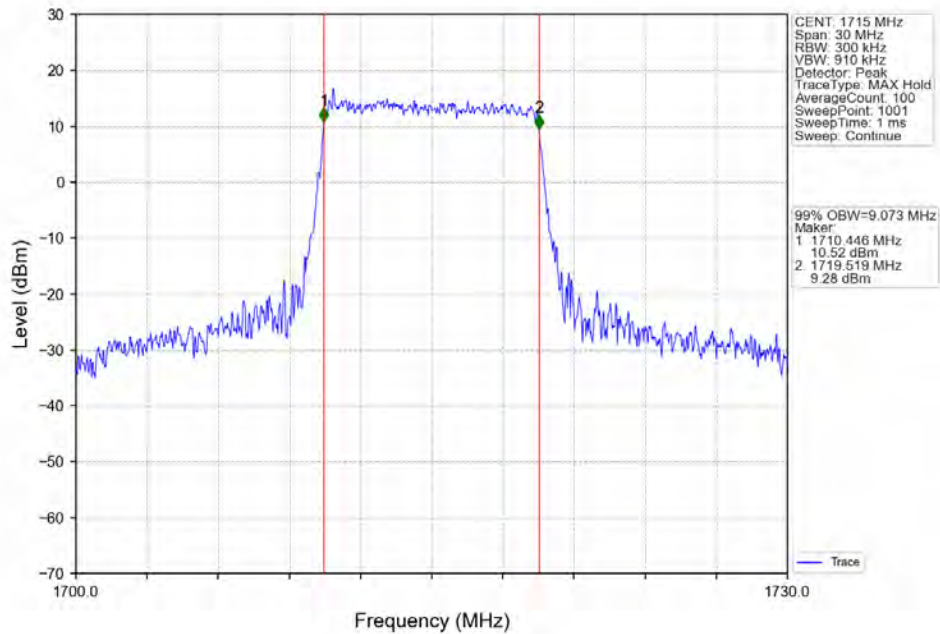
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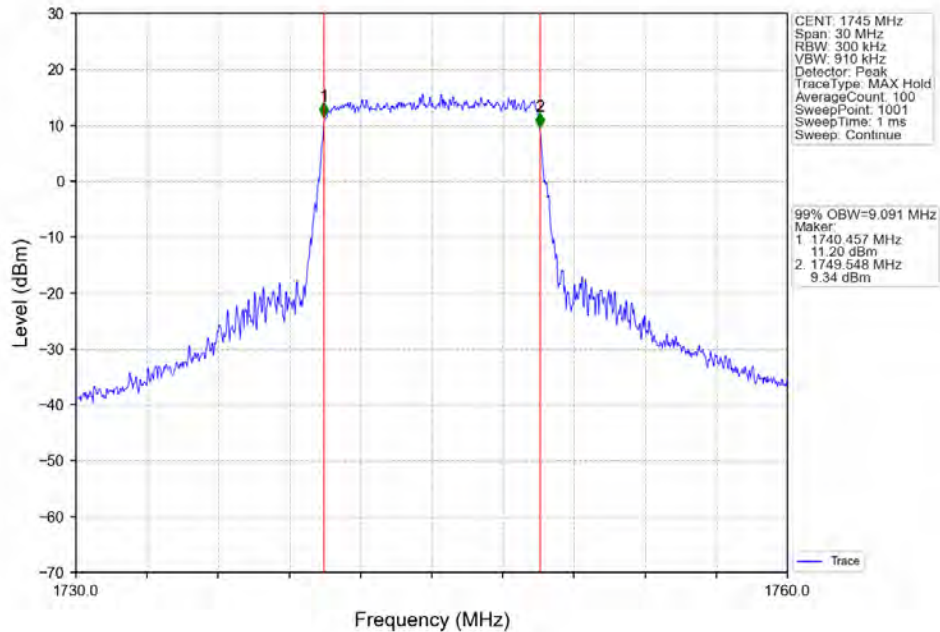
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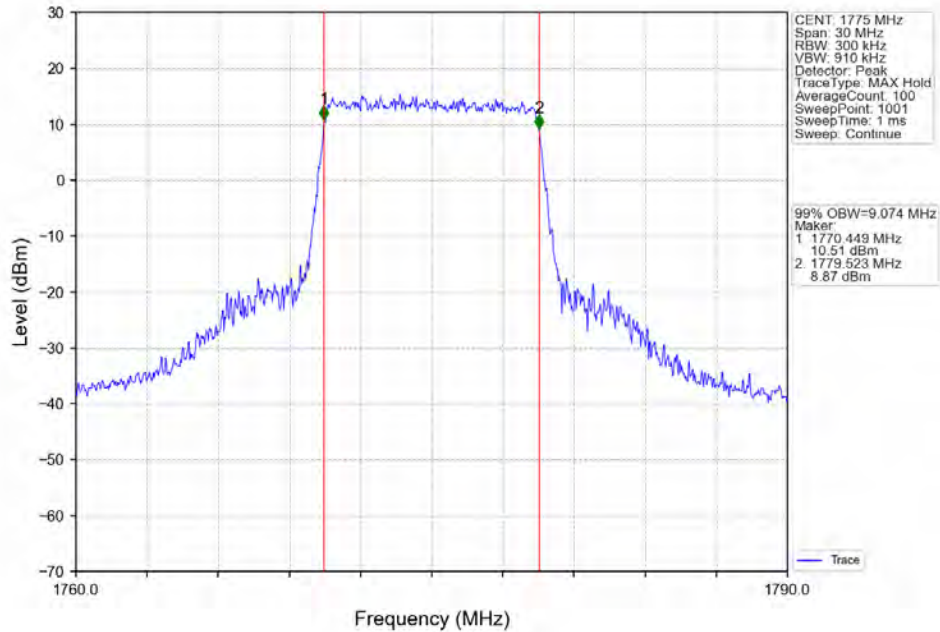
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Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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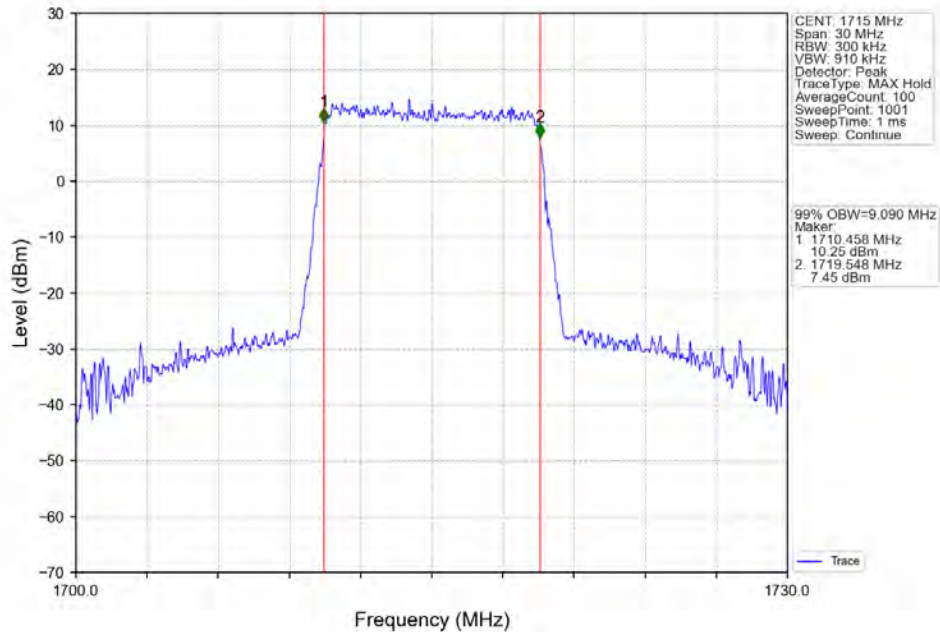
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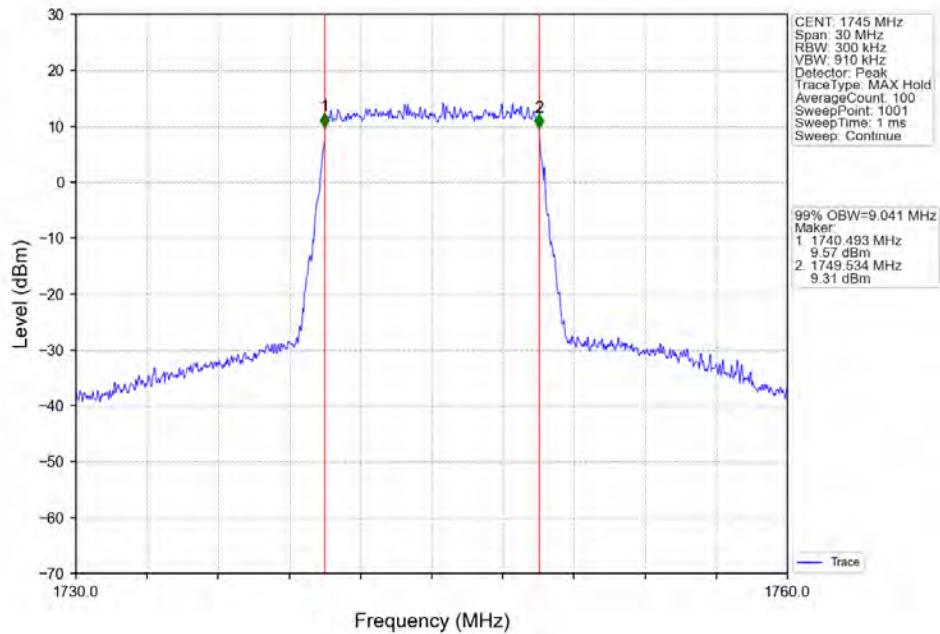
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Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



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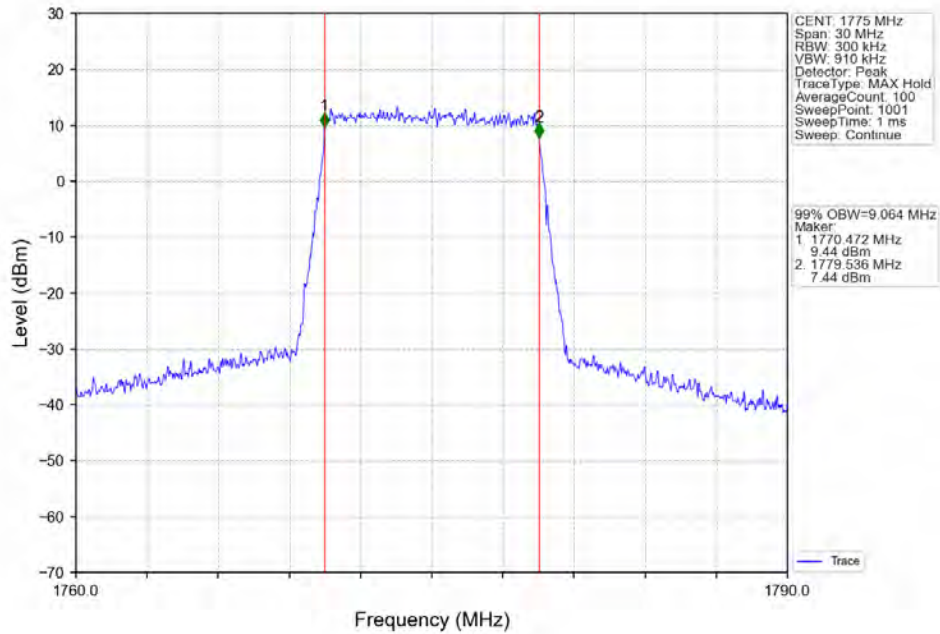
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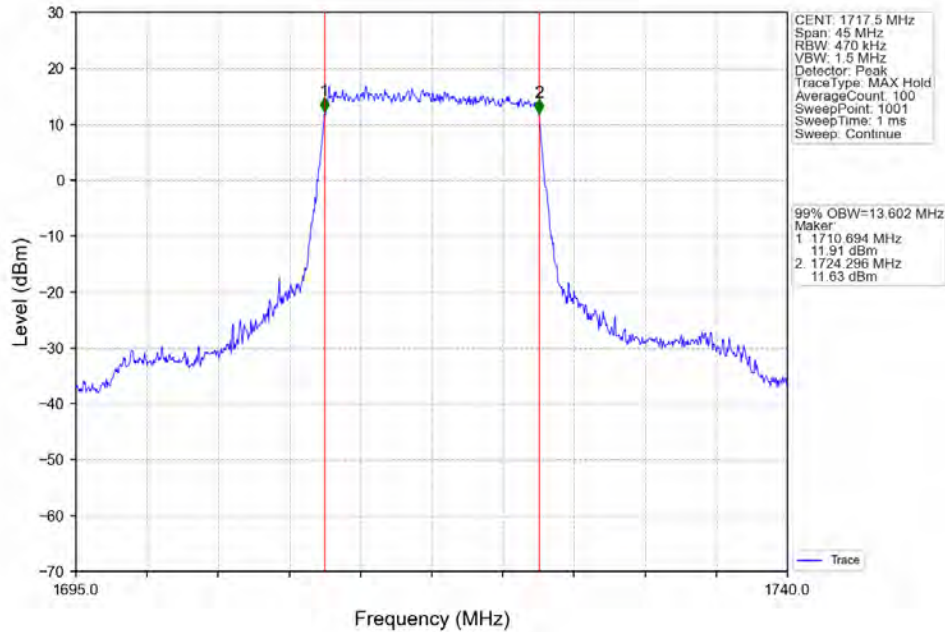
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Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



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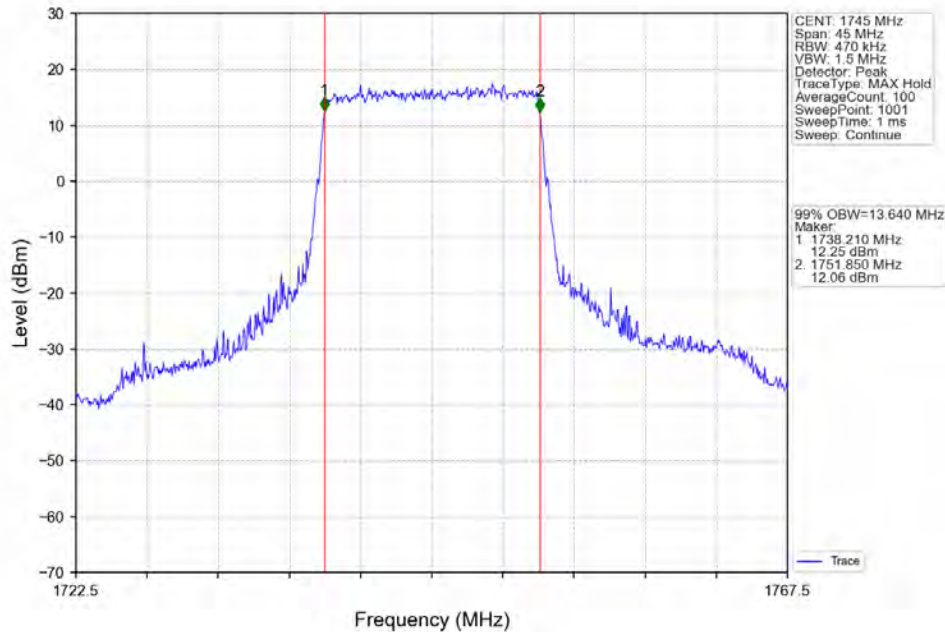
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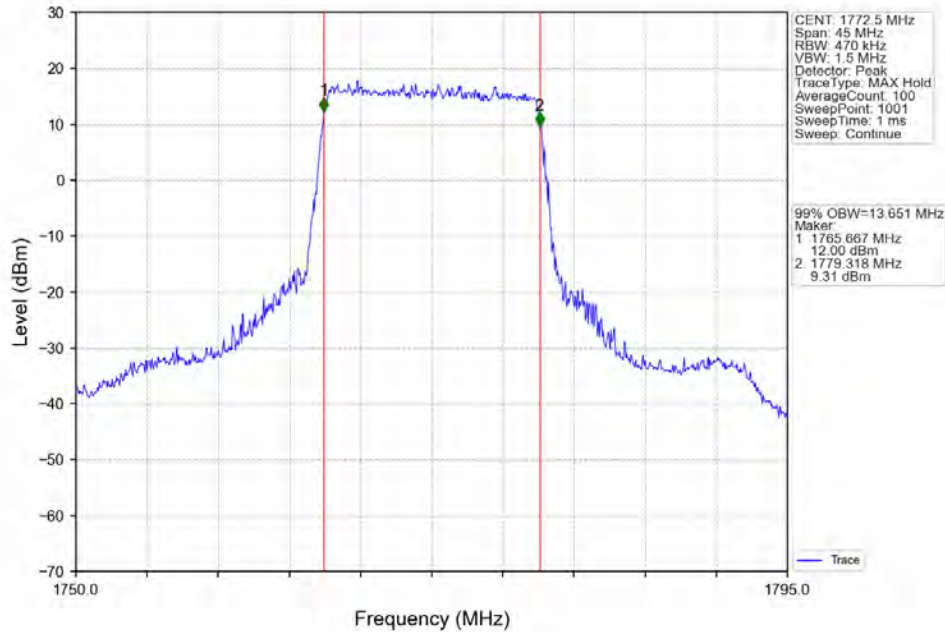
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Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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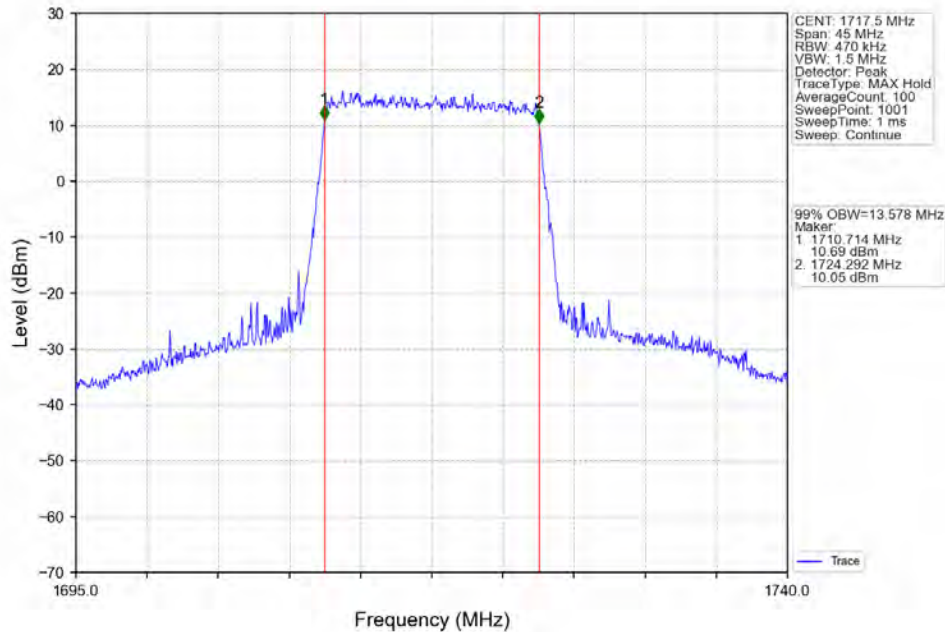
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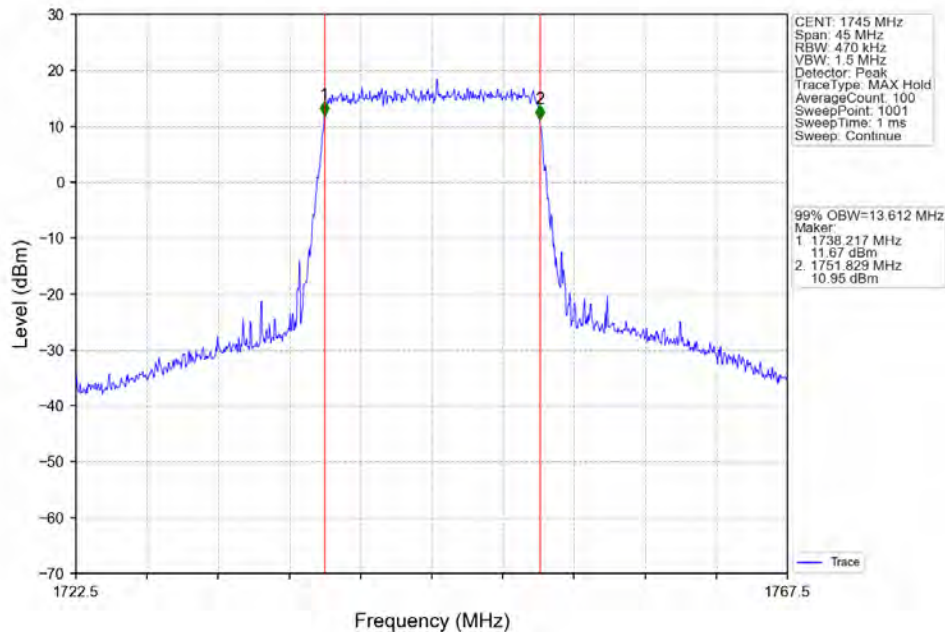
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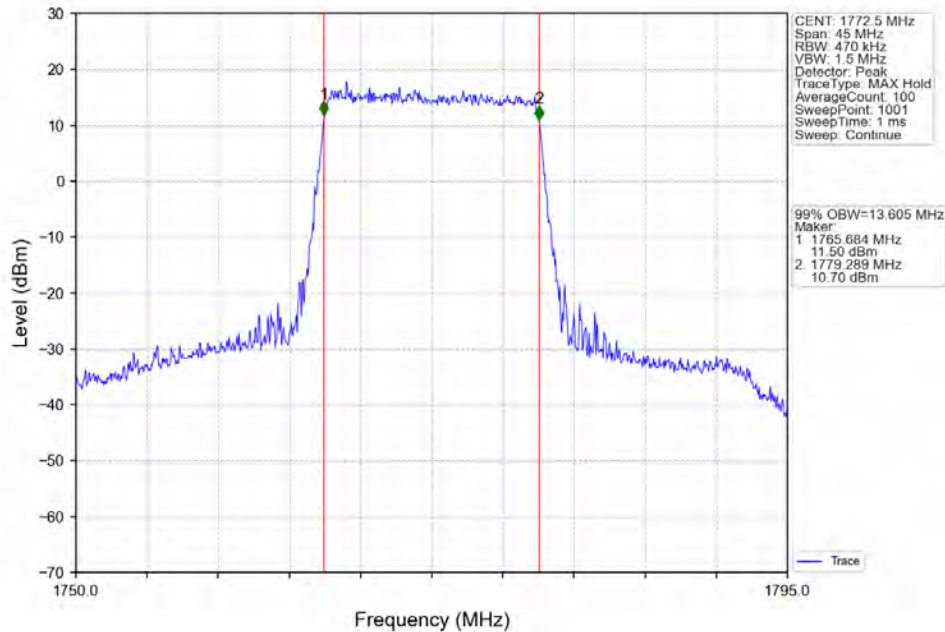
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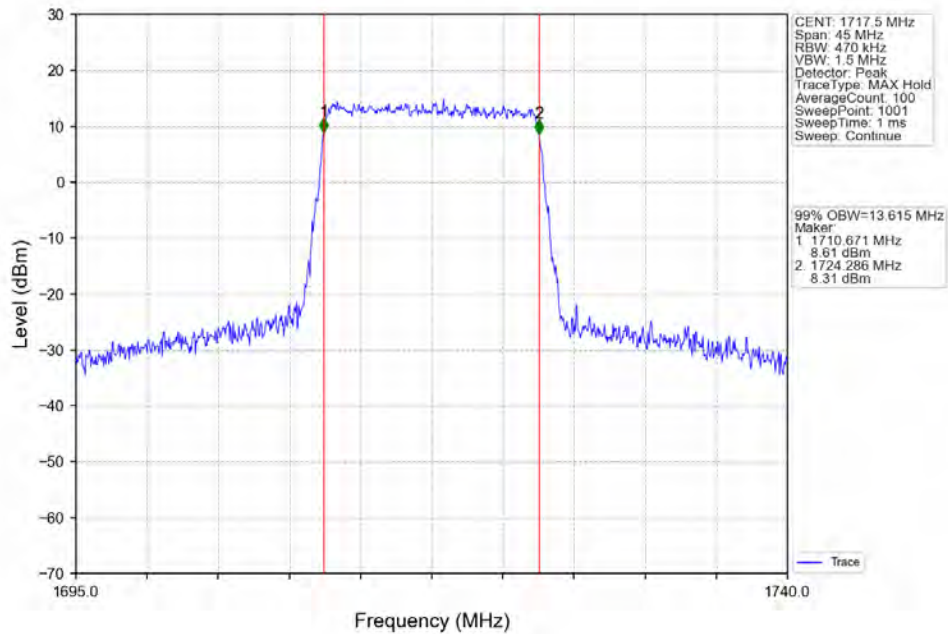
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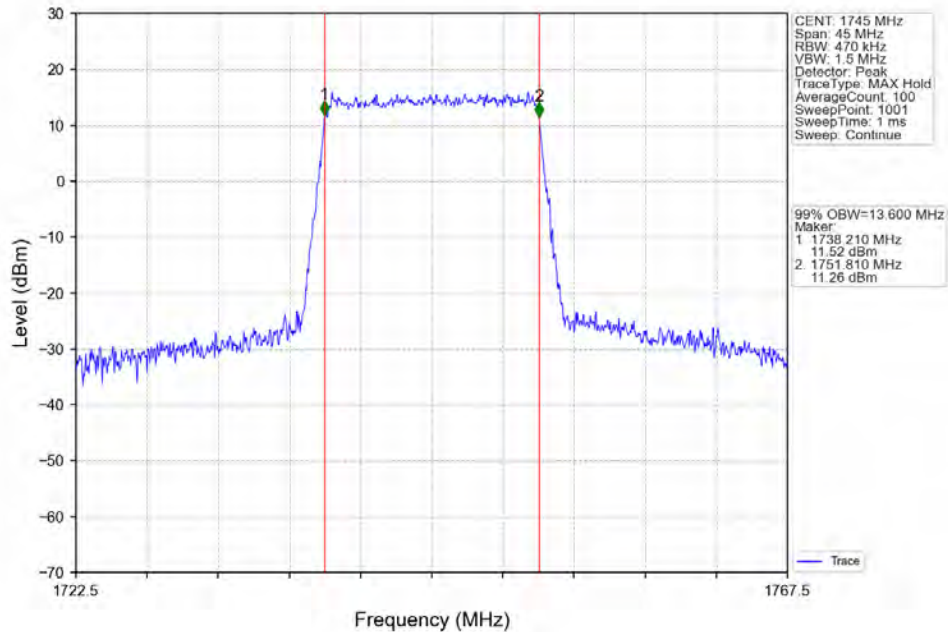
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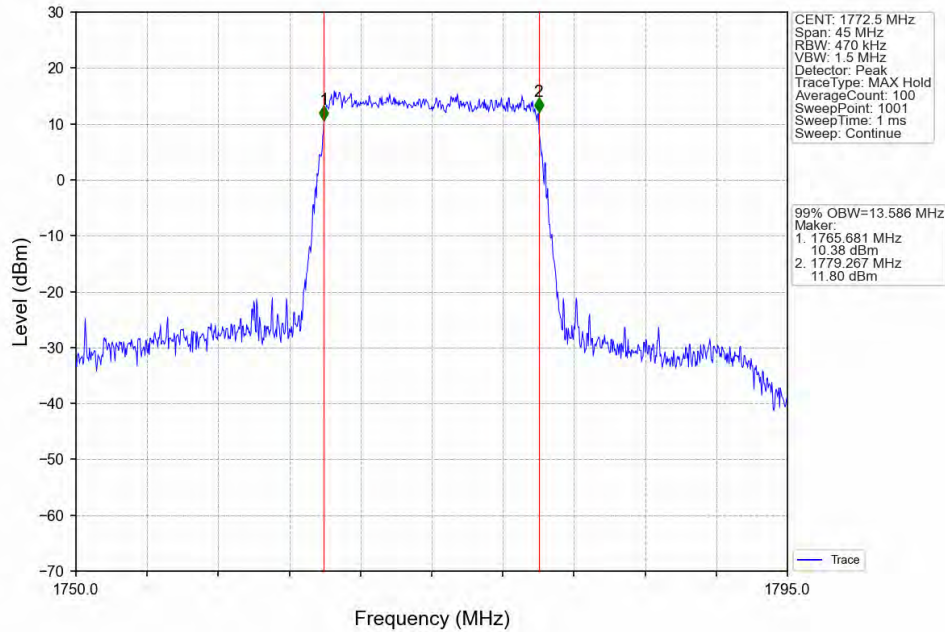
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



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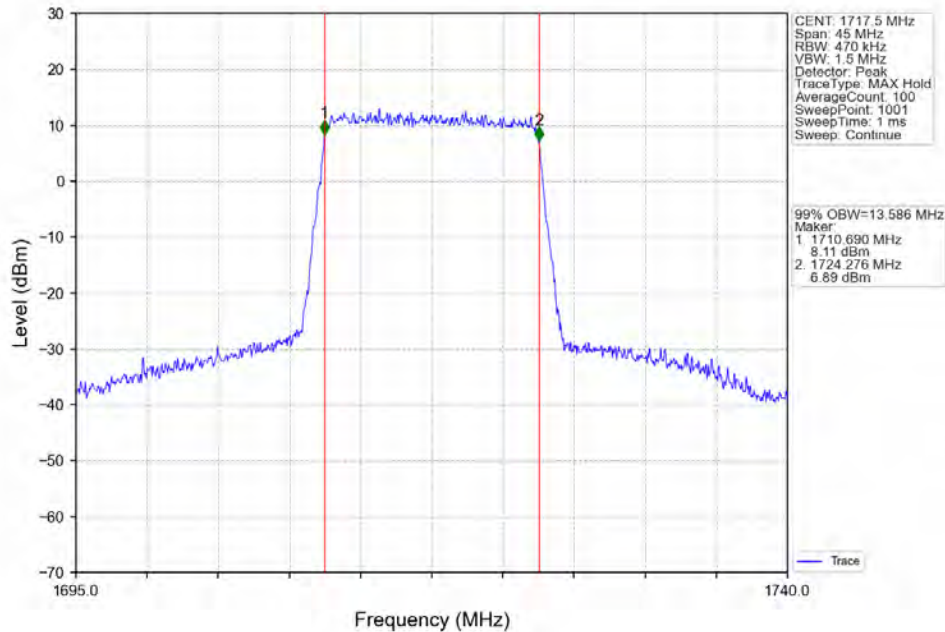
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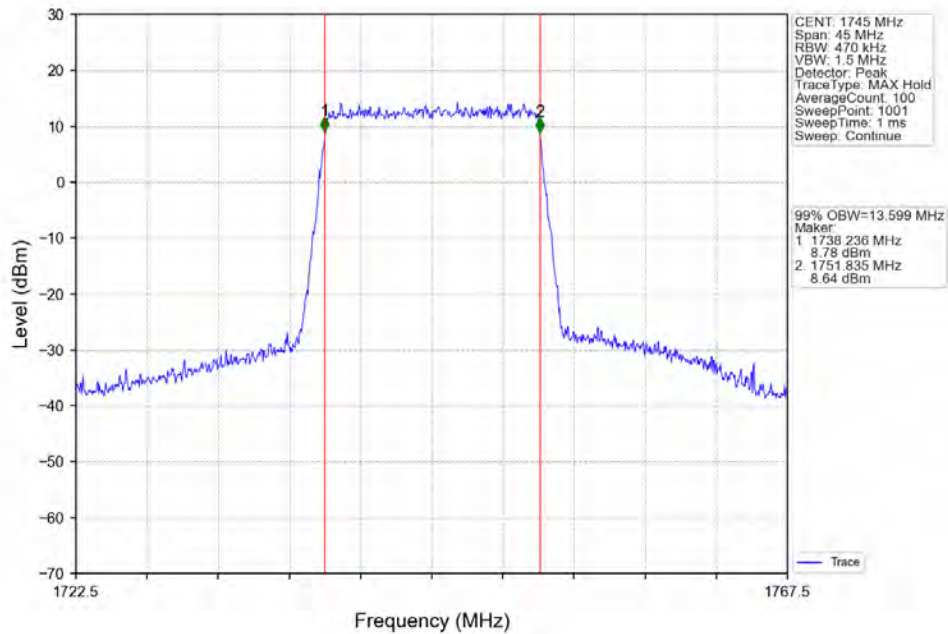
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Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



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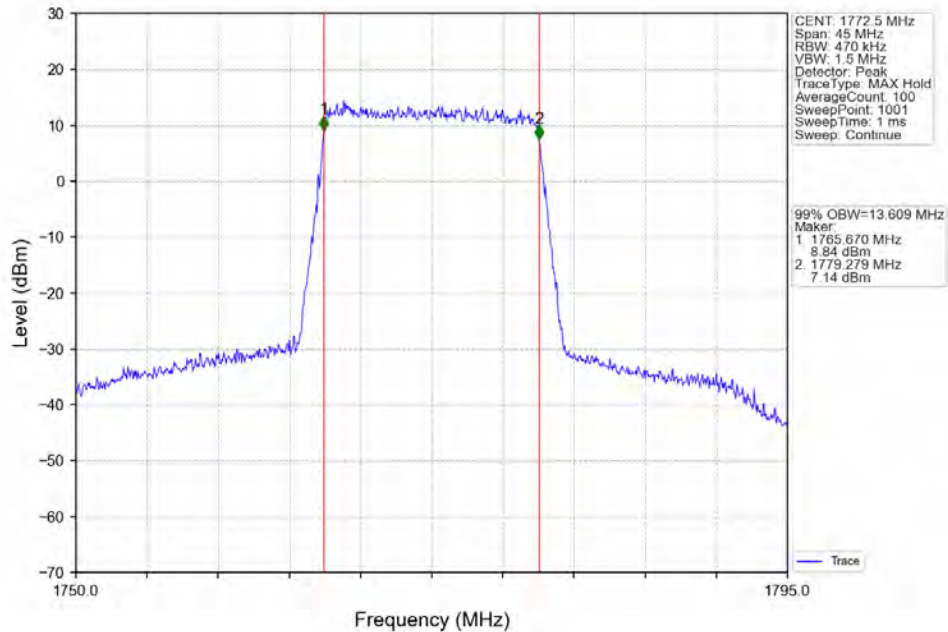
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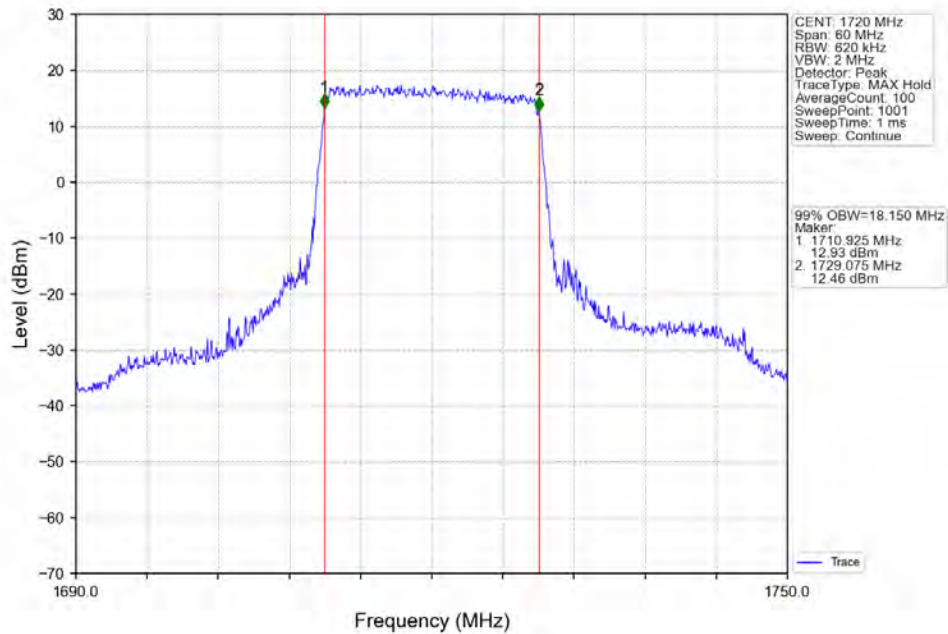
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Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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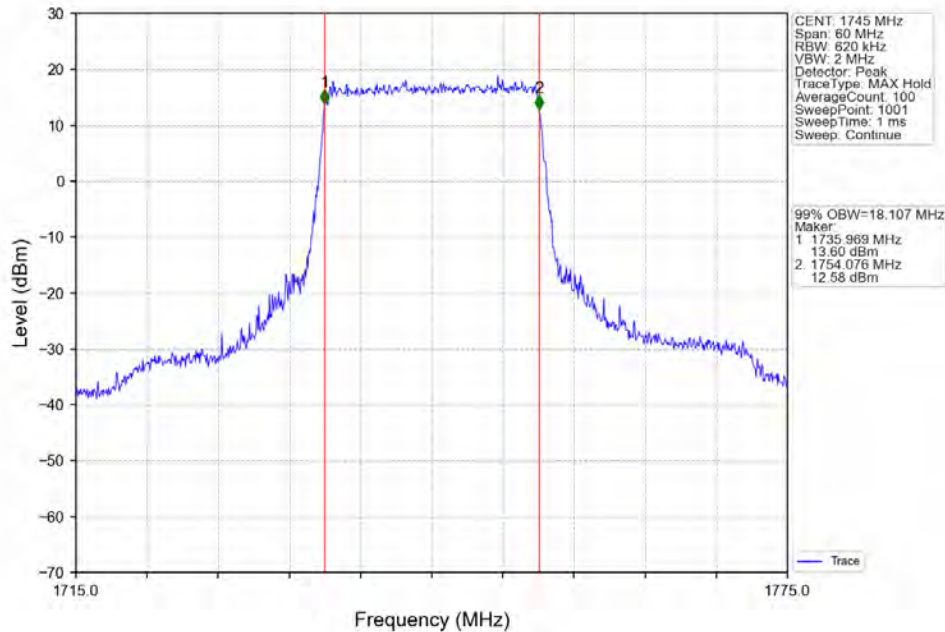
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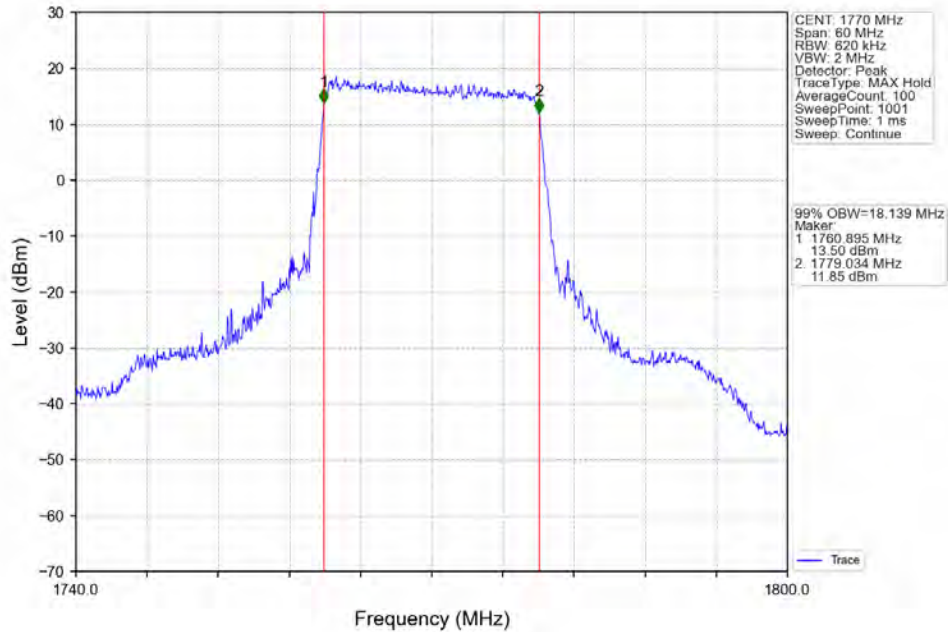
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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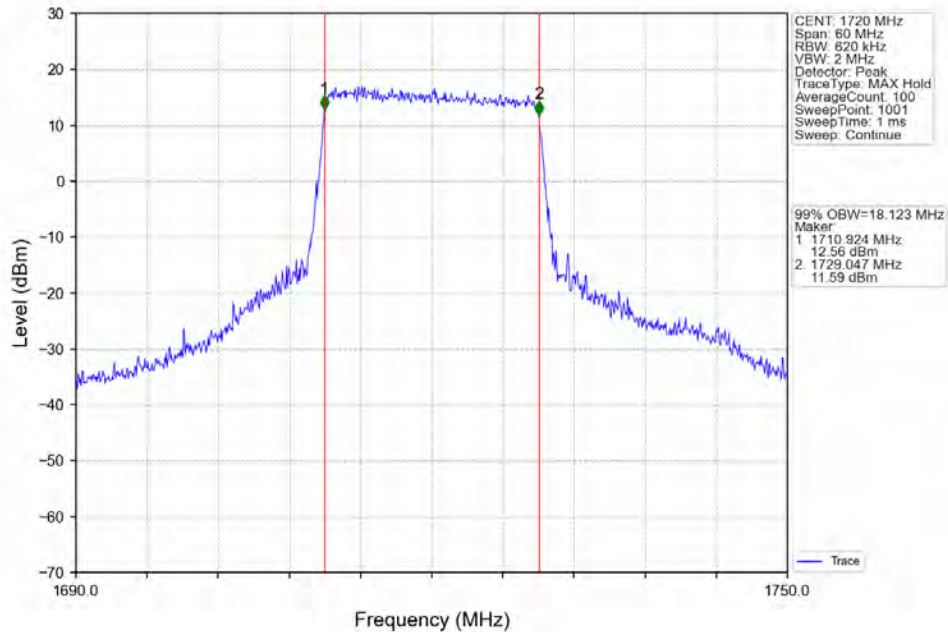
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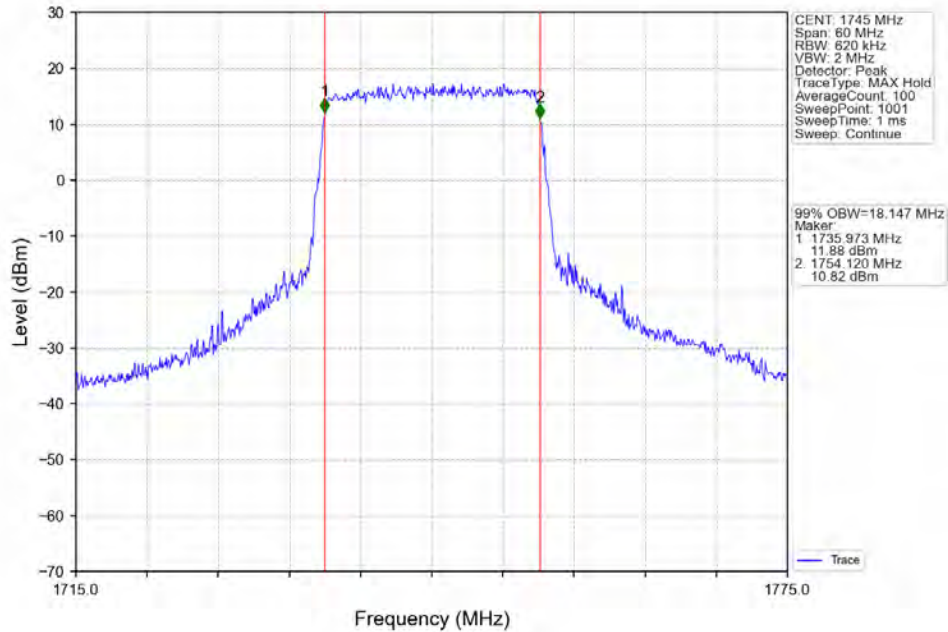
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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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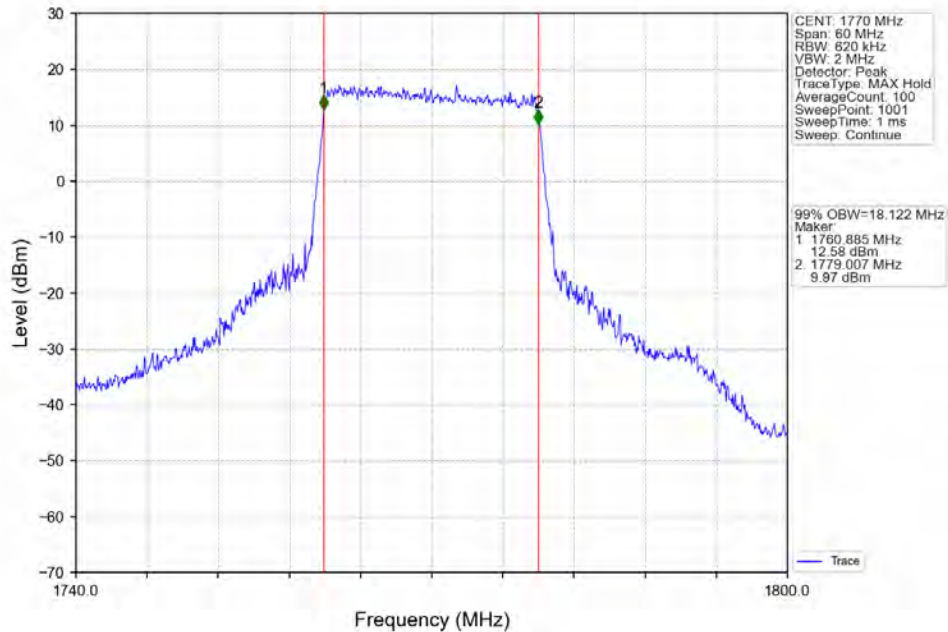
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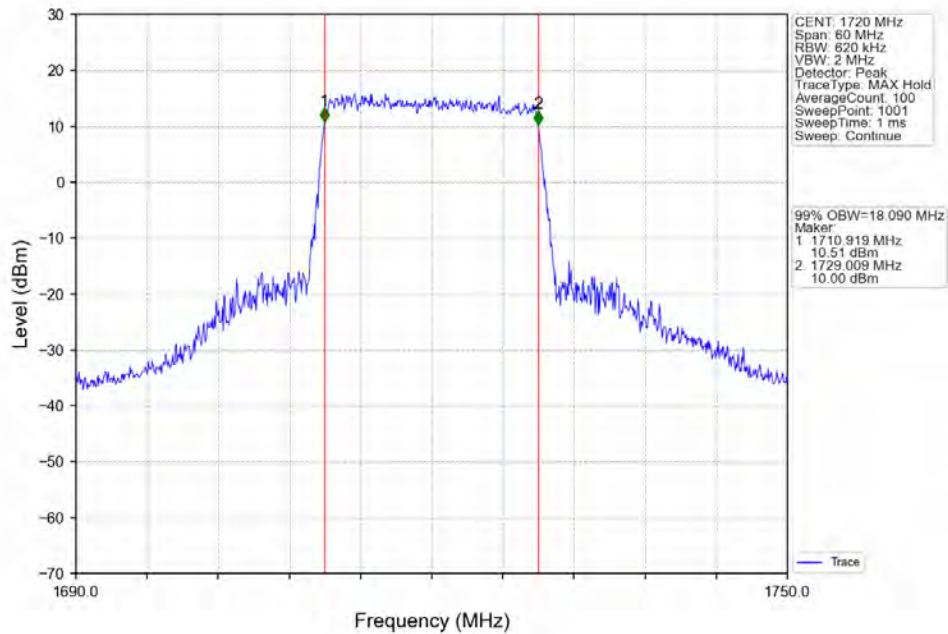
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Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



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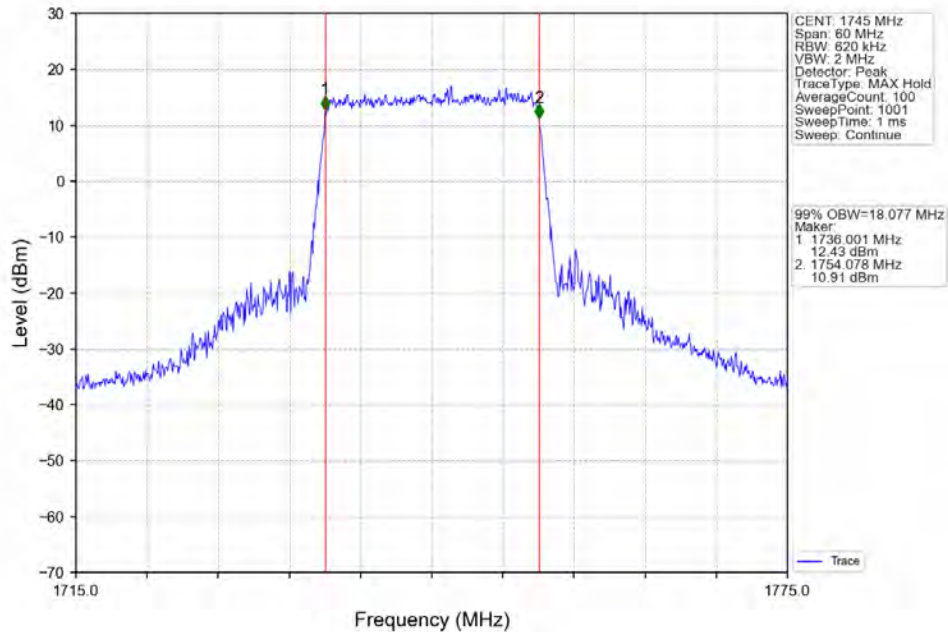
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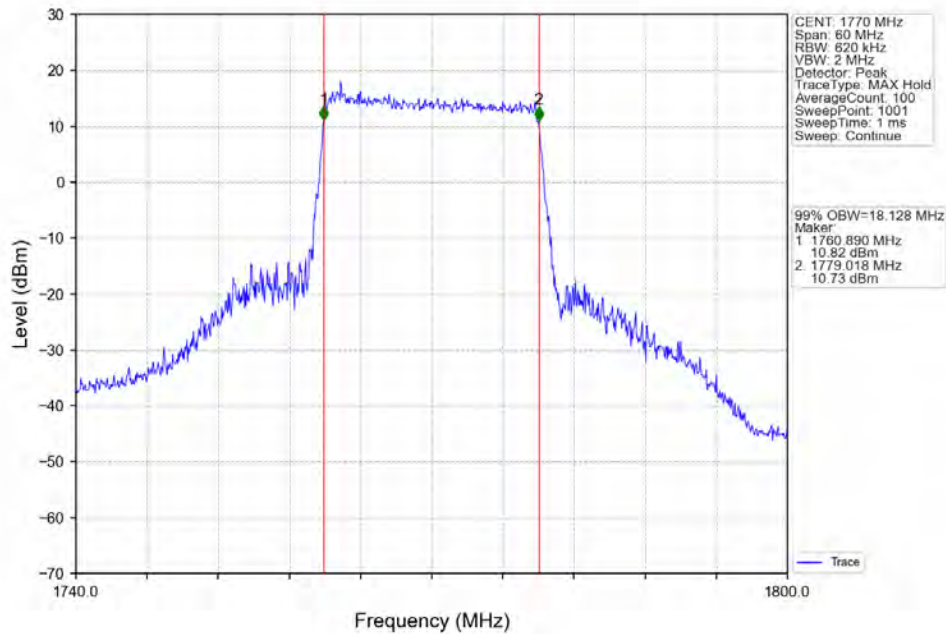
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Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



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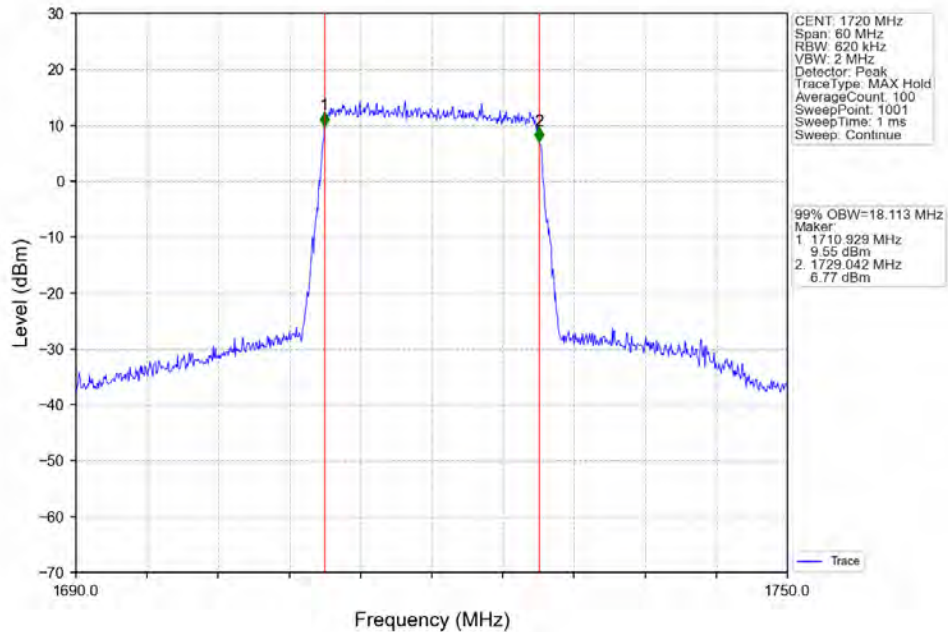
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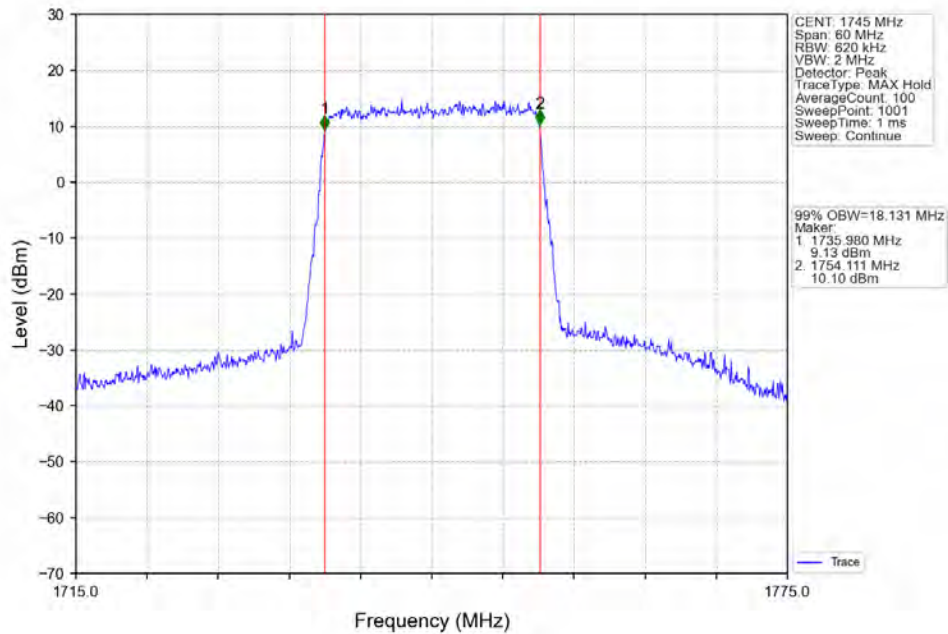
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Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



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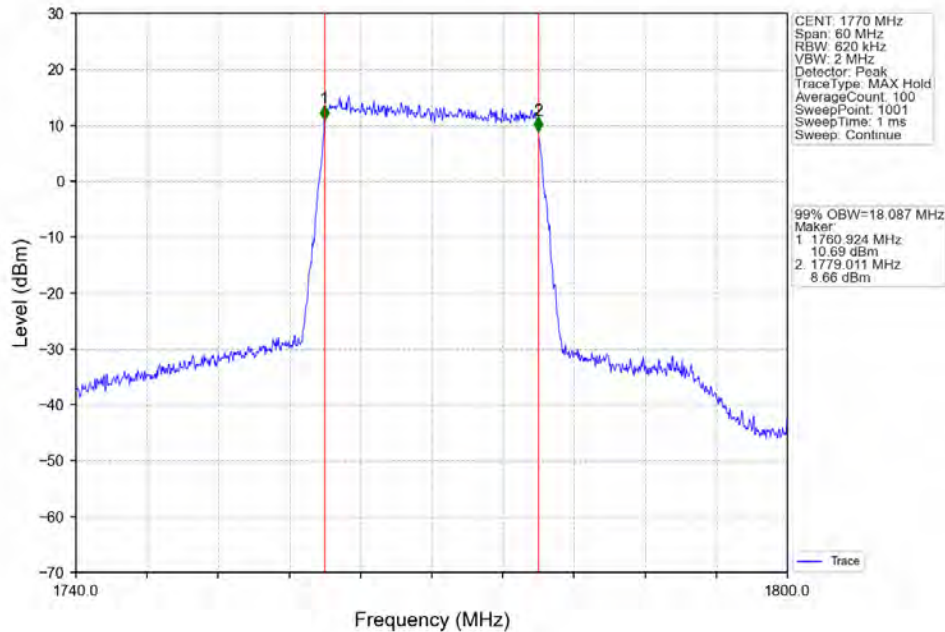
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4.2 Band66_XDB

4.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.426	/	Pass
		1745	6	0	1.375	/	Pass
		1779.3	6	0	1.408	/	Pass
	16QAM	1710.7	6	0	1.376	/	Pass
		1745	6	0	1.397	/	Pass
		1779.3	6	0	1.404	/	Pass
	64QAM	1710.7	6	0	1.373	/	Pass
		1745	6	0	1.355	/	Pass
		1779.3	6	0	1.413	/	Pass
	256QAM	1710.7	6	0	1.393	/	Pass
		1745	6	0	1.390	/	Pass
		1779.3	6	0	1.438	/	Pass
3	QPSK	1711.5	15	0	3.104	/	Pass
		1745	15	0	3.158	/	Pass
		1778.5	15	0	3.165	/	Pass
	16QAM	1711.5	15	0	3.106	/	Pass
		1745	15	0	3.152	/	Pass
		1778.5	15	0	3.162	/	Pass
	64QAM	1711.5	15	0	3.136	/	Pass
		1745	15	0	3.141	/	Pass
		1778.5	15	0	3.125	/	Pass
	256QAM	1711.5	15	0	3.134	/	Pass
		1745	15	0	3.094	/	Pass
		1778.5	15	0	3.125	/	Pass
5	QPSK	1712.5	25	0	5.285	/	Pass
		1745	25	0	5.201	/	Pass
		1777.5	25	0	5.228	/	Pass
	16QAM	1712.5	25	0	5.214	/	Pass
		1745	25	0	5.217	/	Pass
		1777.5	25	0	5.211	/	Pass
	64QAM	1712.5	25	0	5.188	/	Pass
		1745	25	0	5.250	/	Pass
		1777.5	25	0	5.247	/	Pass
	256QAM	1712.5	25	0	5.199	/	Pass
		1745	25	0	5.283	/	Pass
		1777.5	25	0	5.274	/	Pass
10	QPSK	1715	50	0	10.260	/	Pass
		1745	50	0	10.147	/	Pass
		1775	50	0	10.163	/	Pass



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	16QAM	1715	50	0	10.274	/	Pass
		1745	50	0	10.276	/	Pass
		1775	50	0	10.190	/	Pass
	64QAM	1715	50	0	10.090	/	Pass
		1745	50	0	10.271	/	Pass
		1775	50	0	10.202	/	Pass
	256QAM	1715	50	0	10.109	/	Pass
		1745	50	0	10.131	/	Pass
		1775	50	0	10.143	/	Pass
15	QPSK	1717.5	75	0	15.172	/	Pass
		1745	75	0	15.180	/	Pass
		1772.5	75	0	15.150	/	Pass
	16QAM	1717.5	75	0	15.229	/	Pass
		1745	75	0	15.196	/	Pass
		1772.5	75	0	15.073	/	Pass
	64QAM	1717.5	75	0	15.130	/	Pass
		1745	75	0	15.250	/	Pass
		1772.5	75	0	15.203	/	Pass
	256QAM	1717.5	75	0	15.146	/	Pass
		1745	75	0	15.224	/	Pass
		1772.5	75	0	15.145	/	Pass
20	QPSK	1720	100	0	20.071	/	Pass
		1745	100	0	20.157	/	Pass
		1770	100	0	20.171	/	Pass
	16QAM	1720	100	0	19.966	/	Pass
		1745	100	0	20.107	/	Pass
		1770	100	0	20.059	/	Pass
	64QAM	1720	100	0	20.152	/	Pass
		1745	100	0	20.088	/	Pass
		1770	100	0	19.887	/	Pass
	256QAM	1720	100	0	20.205	/	Pass
		1745	100	0	20.134	/	Pass
		1770	100	0	19.979	/	Pass



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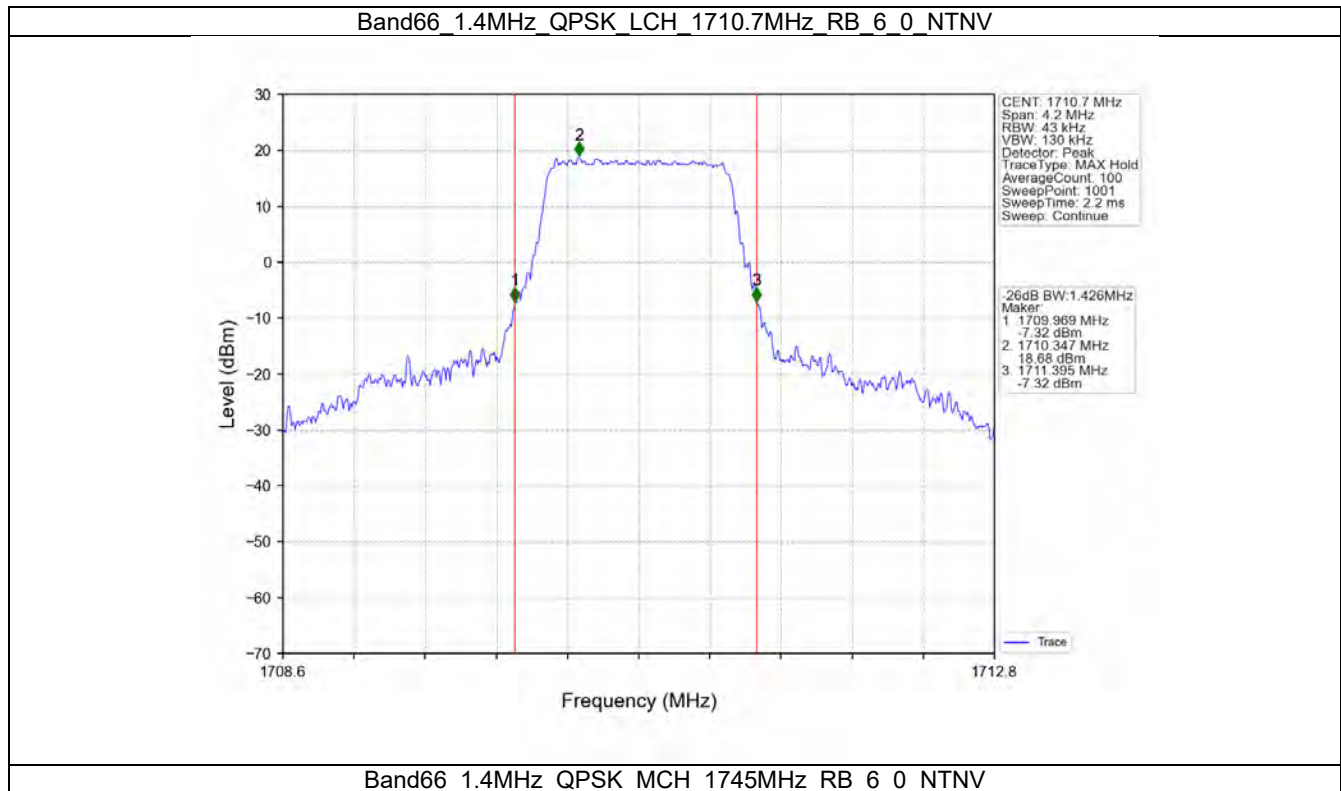
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4.2.2 Test Graph



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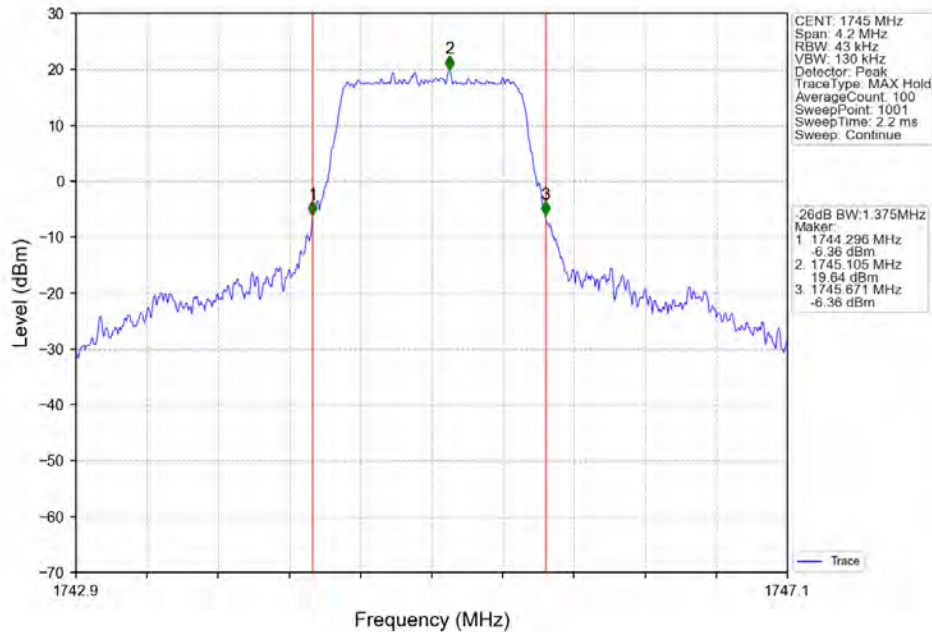
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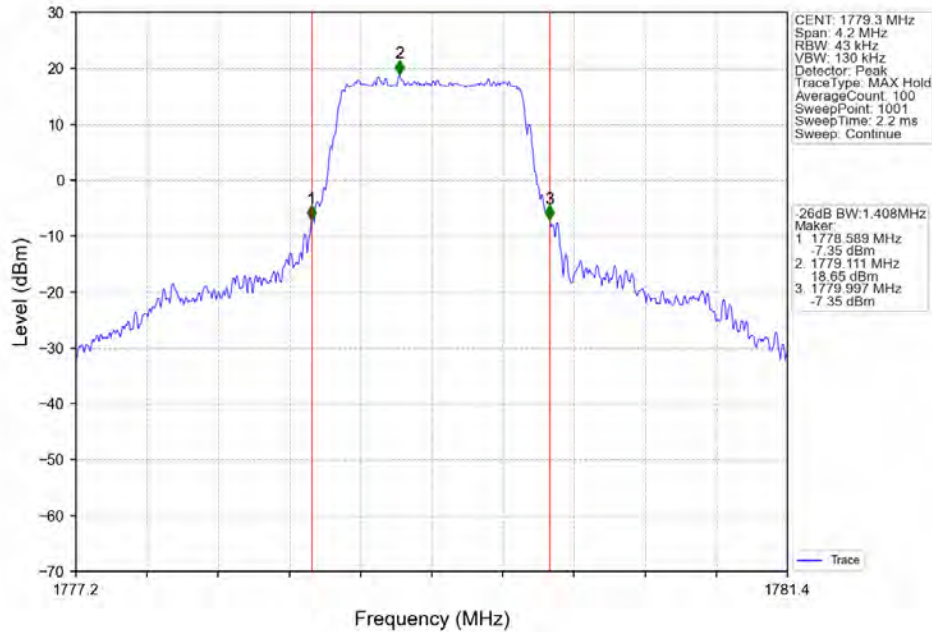
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



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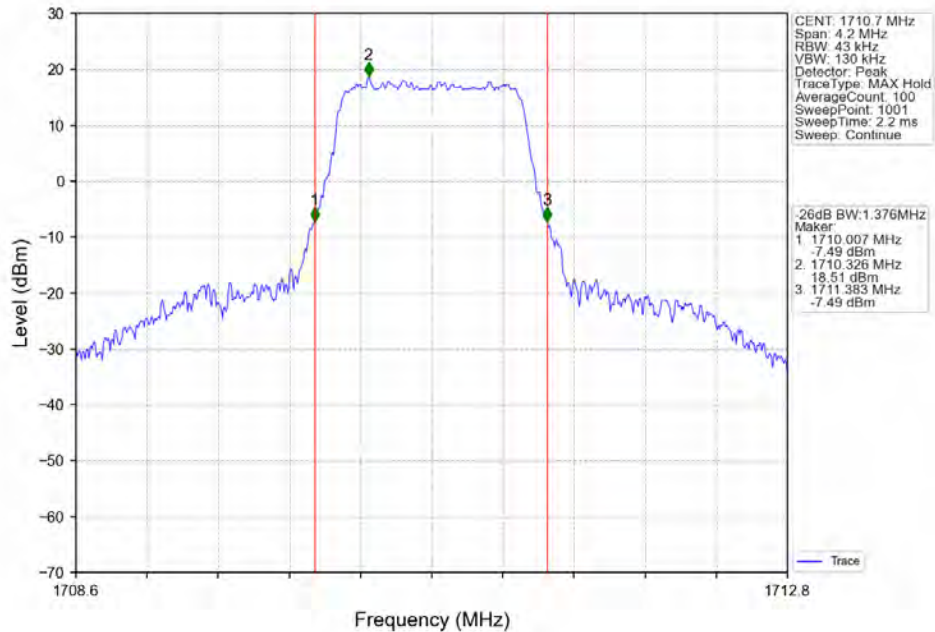
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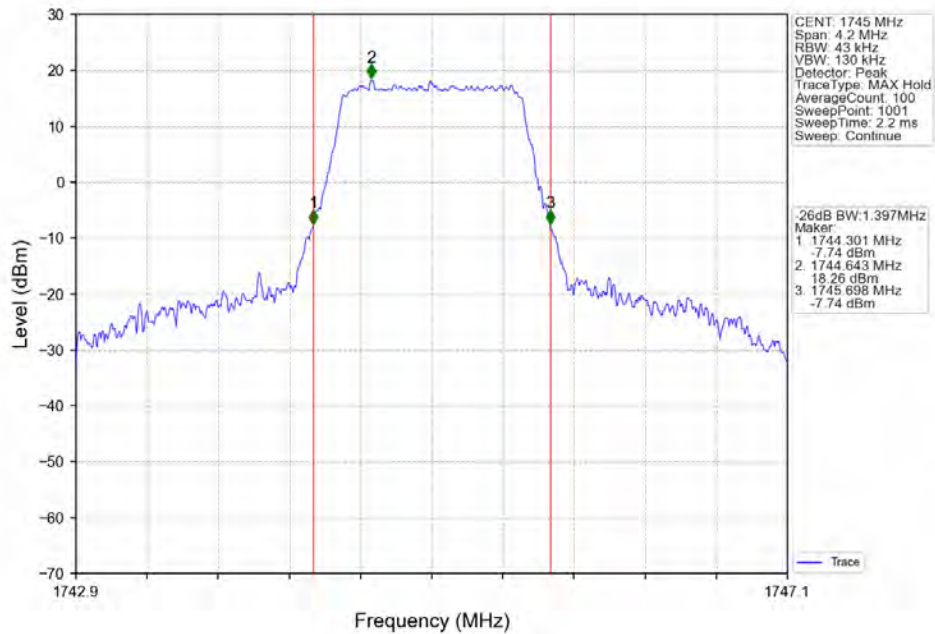
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Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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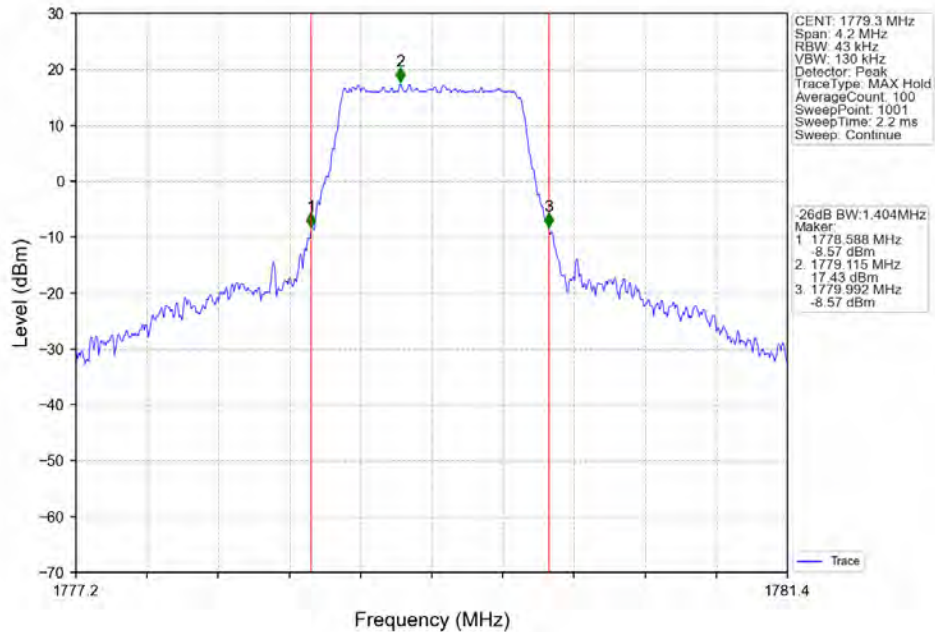
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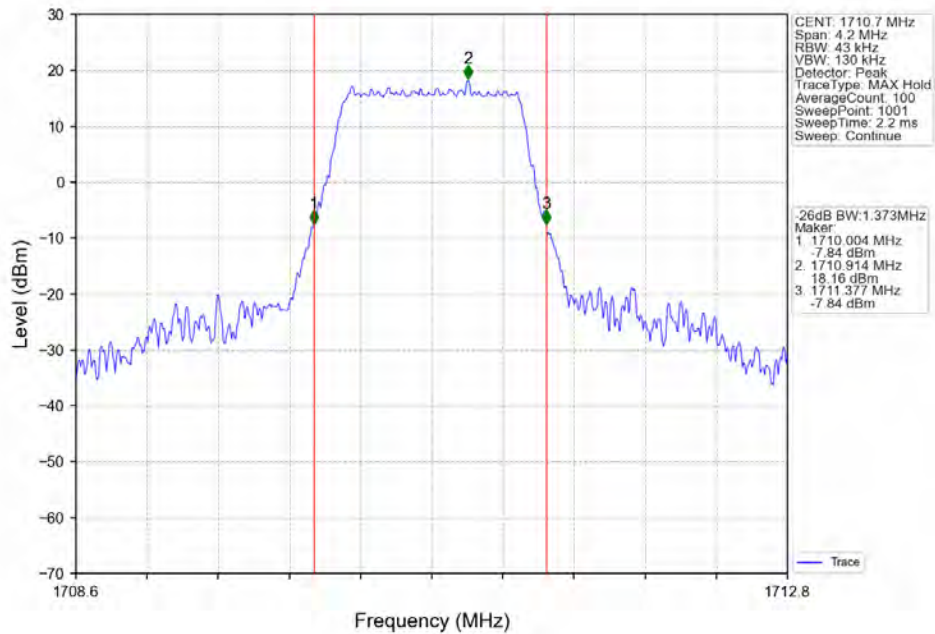
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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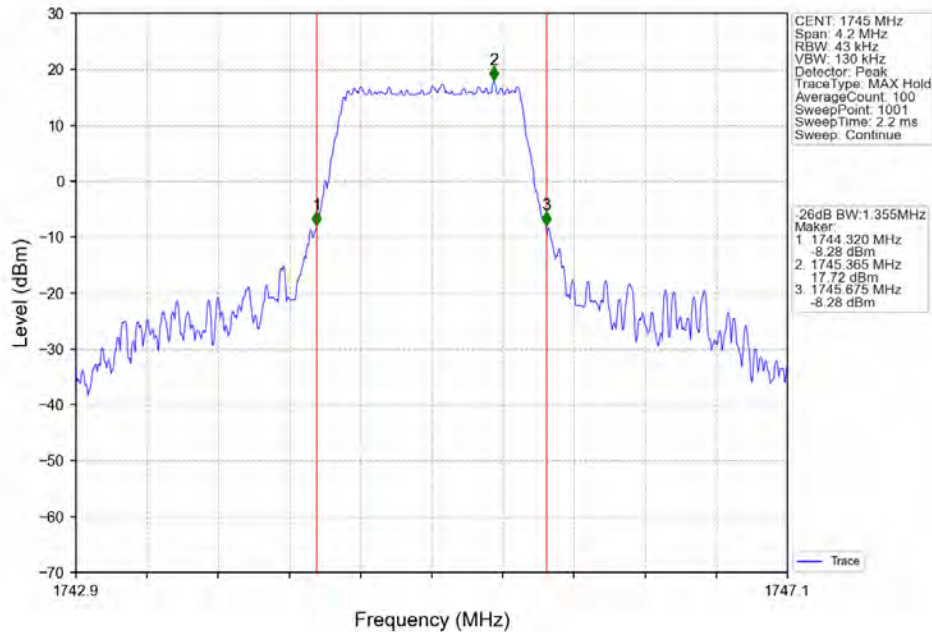
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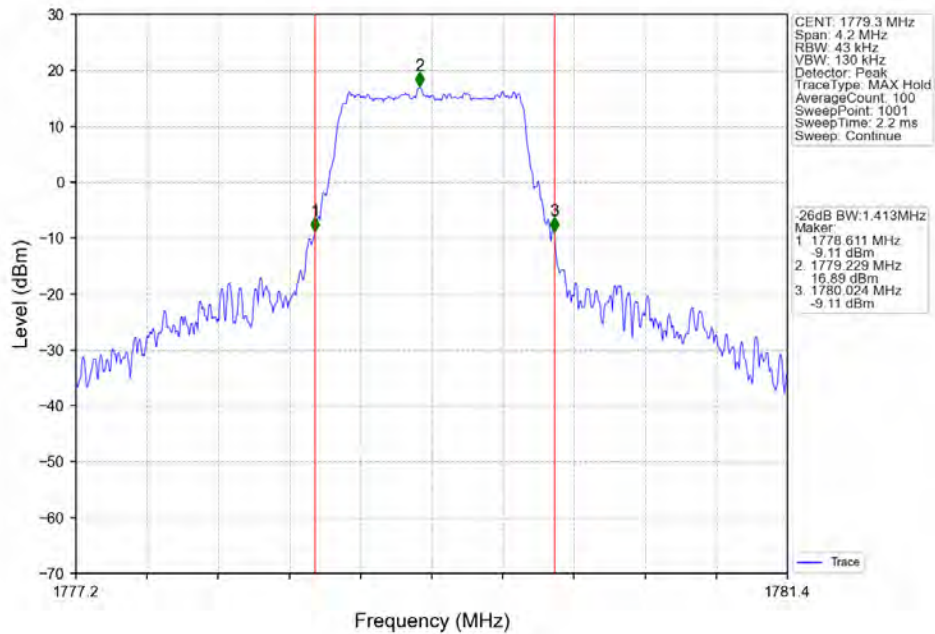
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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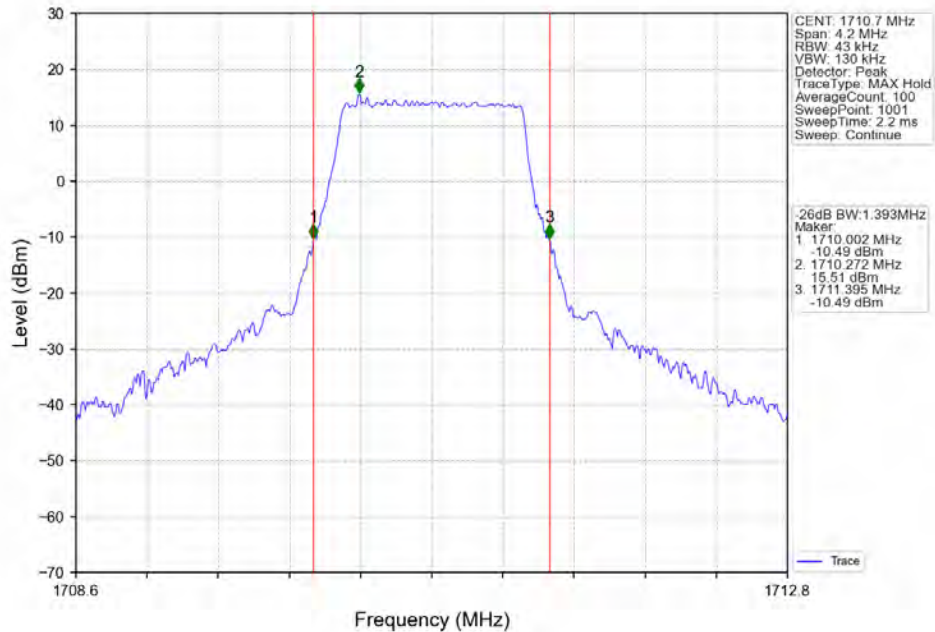
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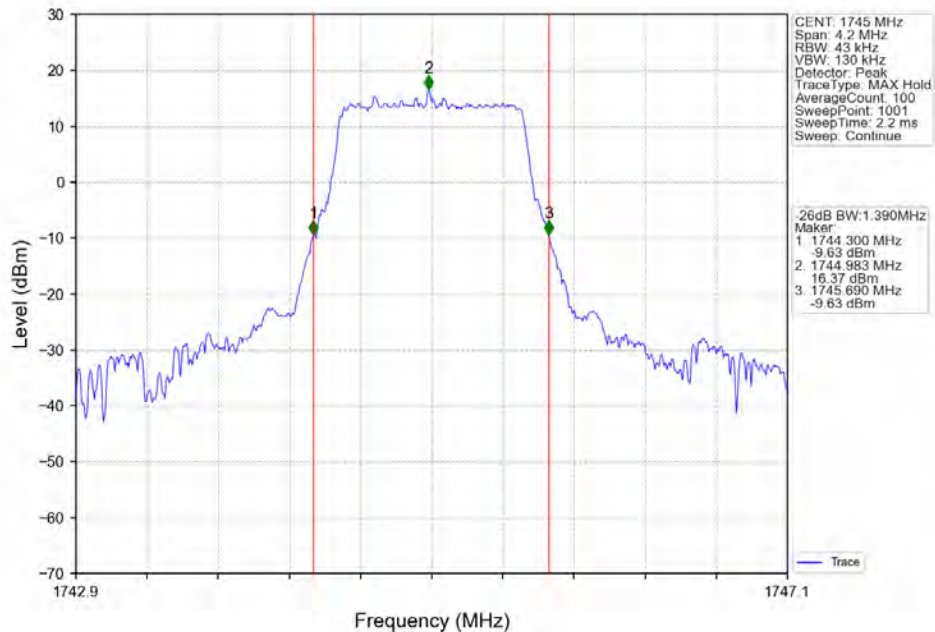
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Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



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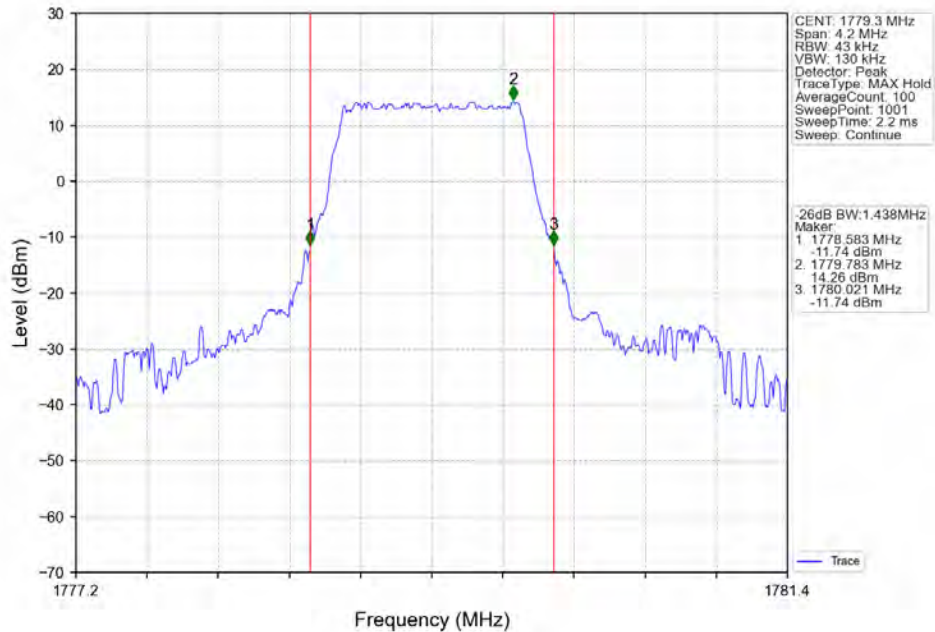
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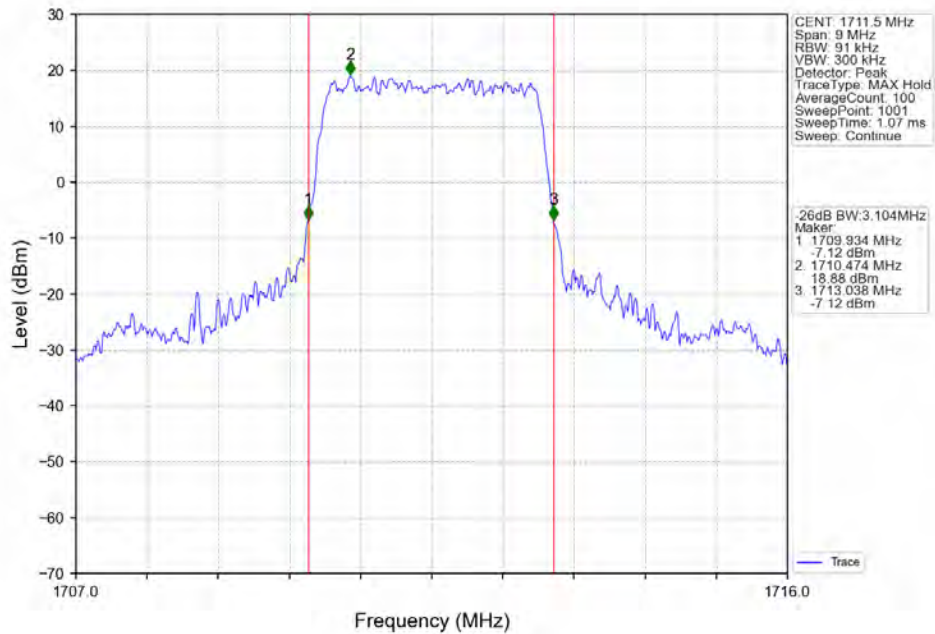
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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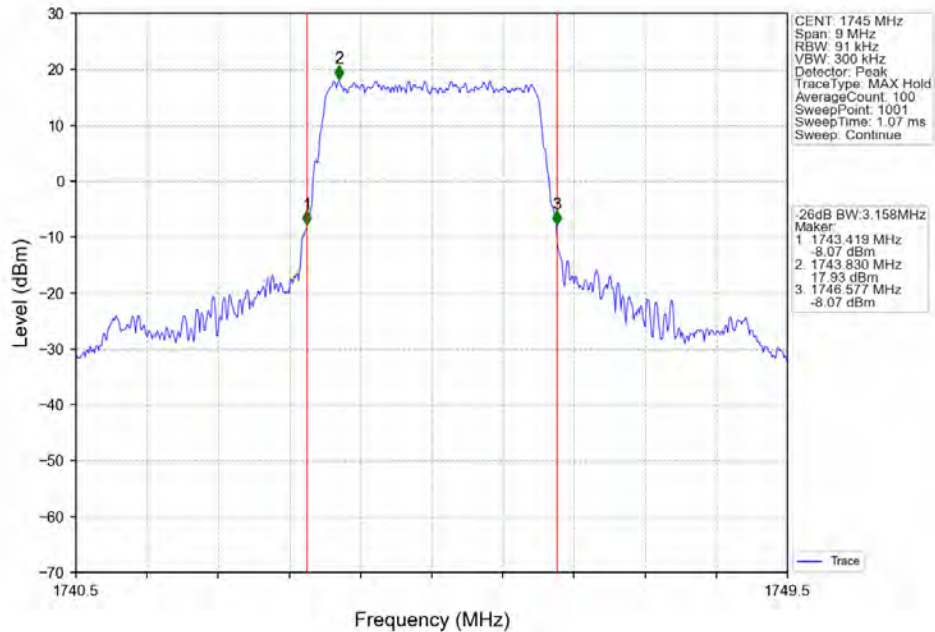
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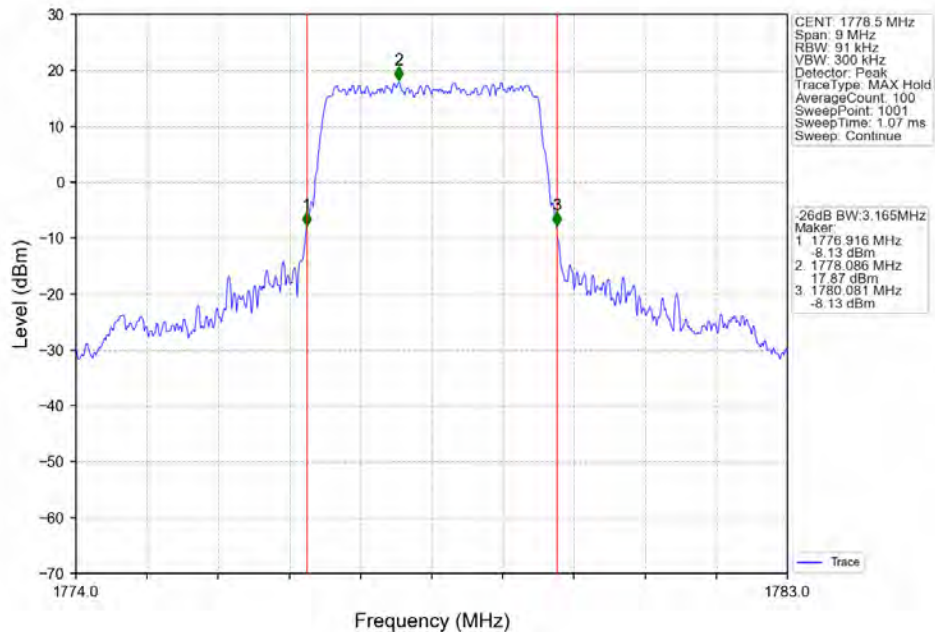
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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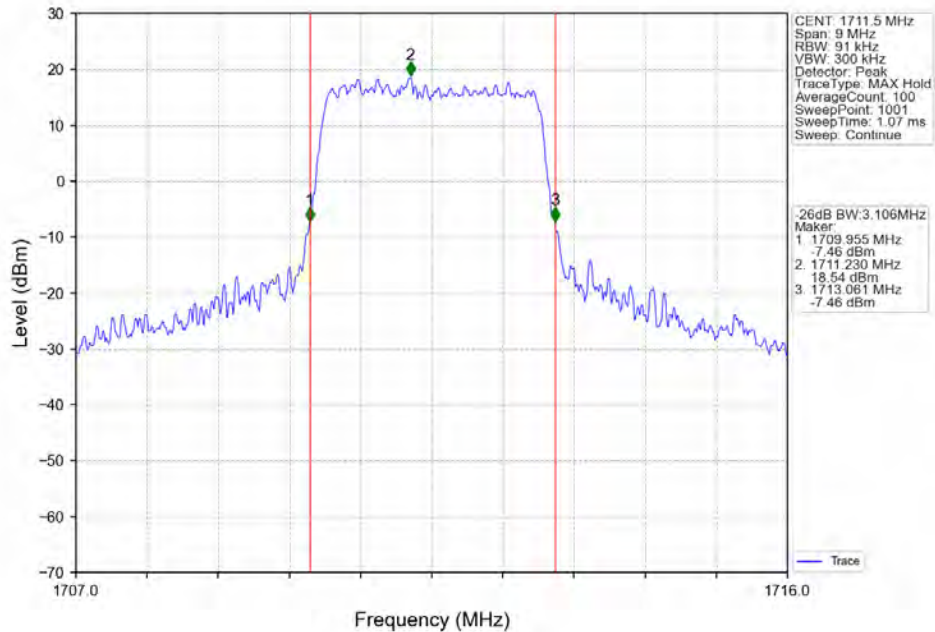
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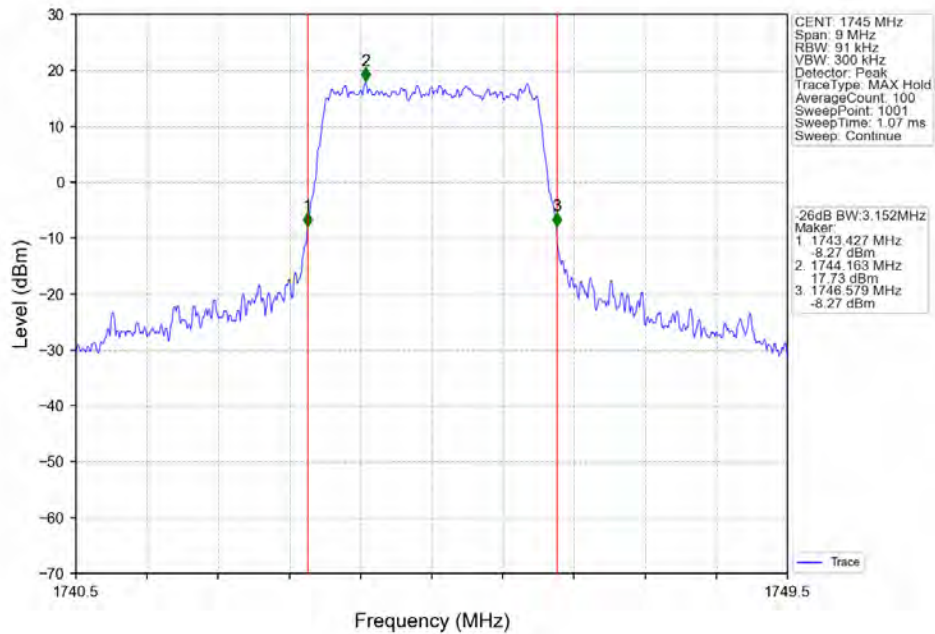
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Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



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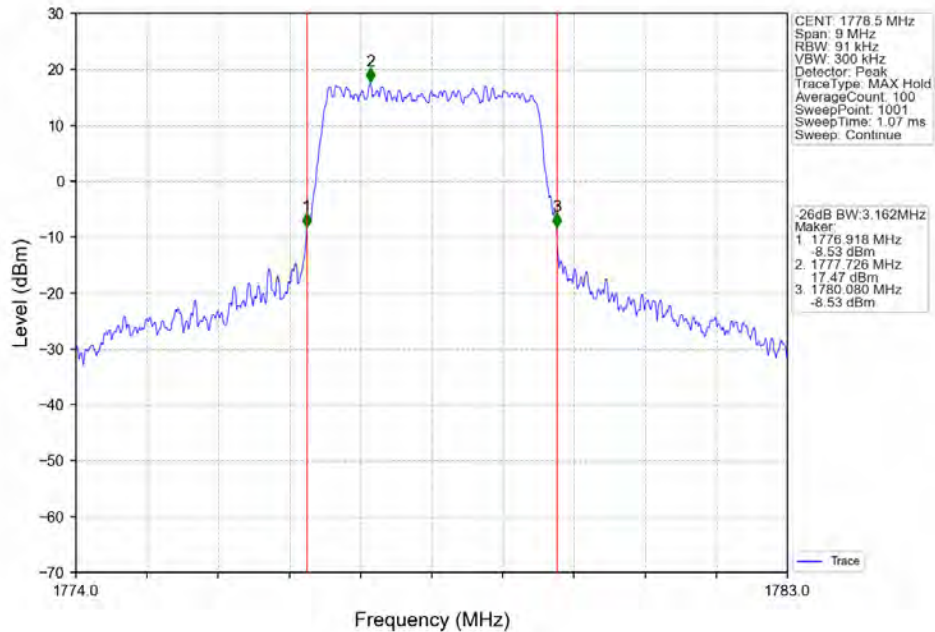
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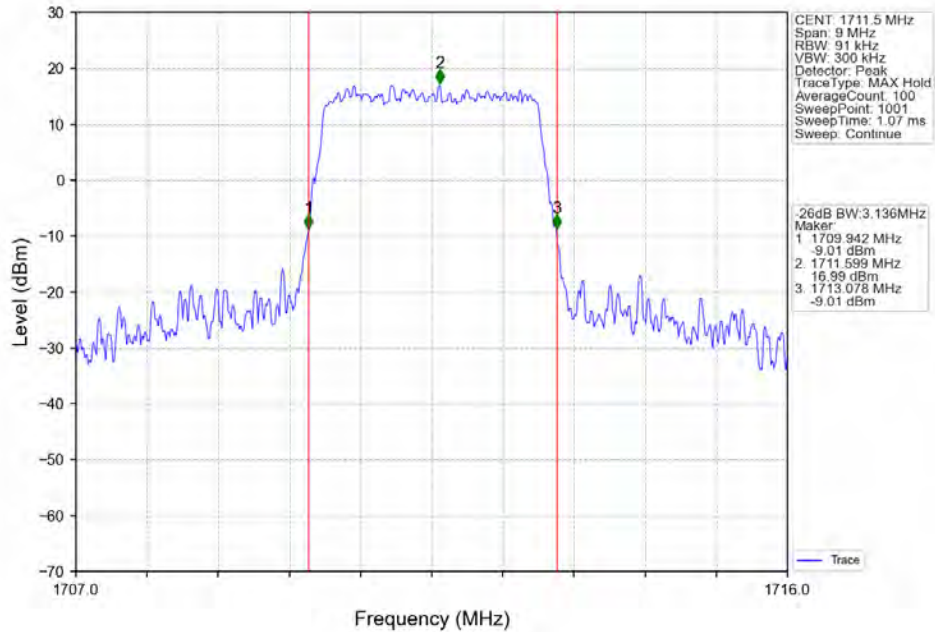
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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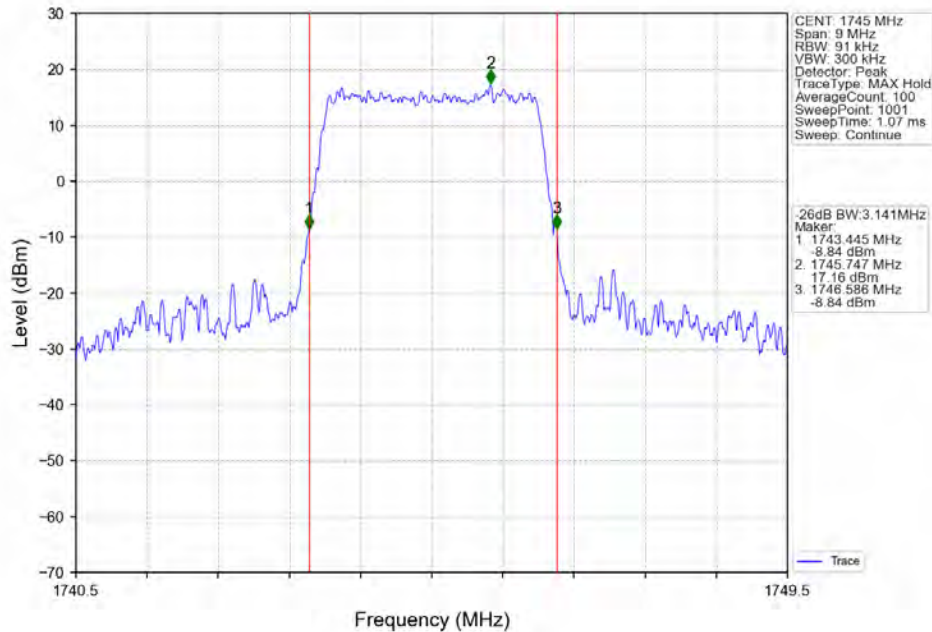
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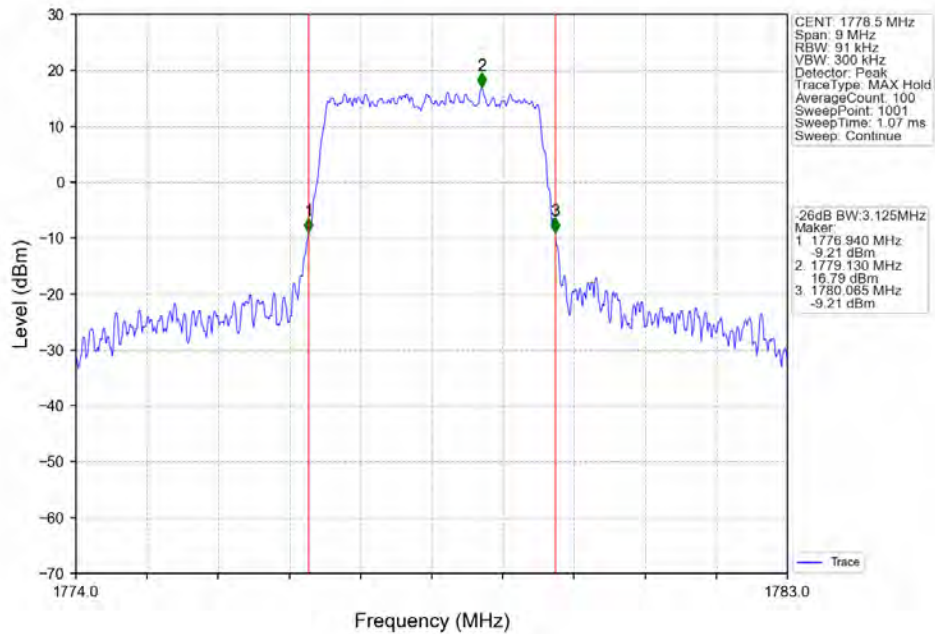
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Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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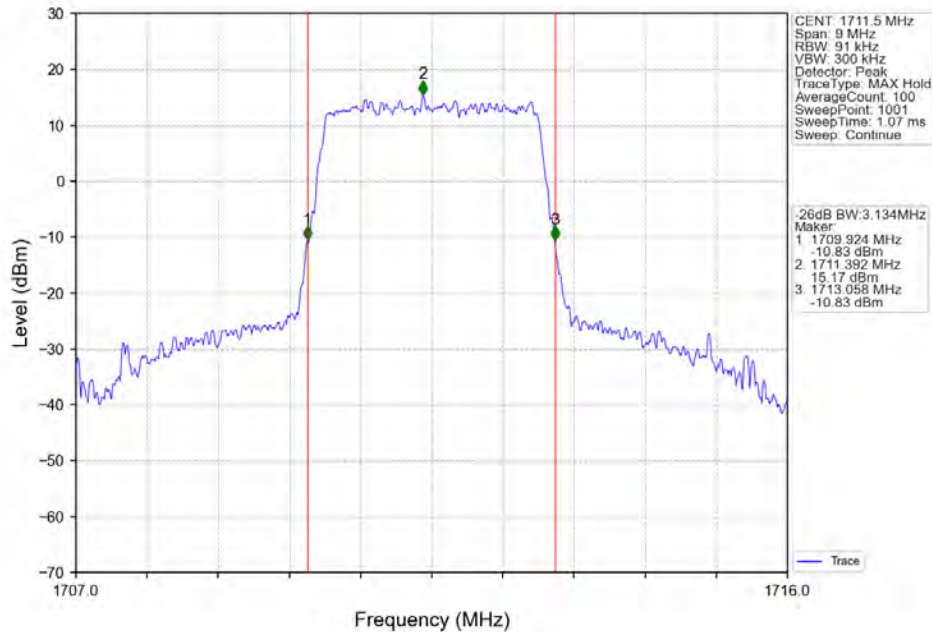
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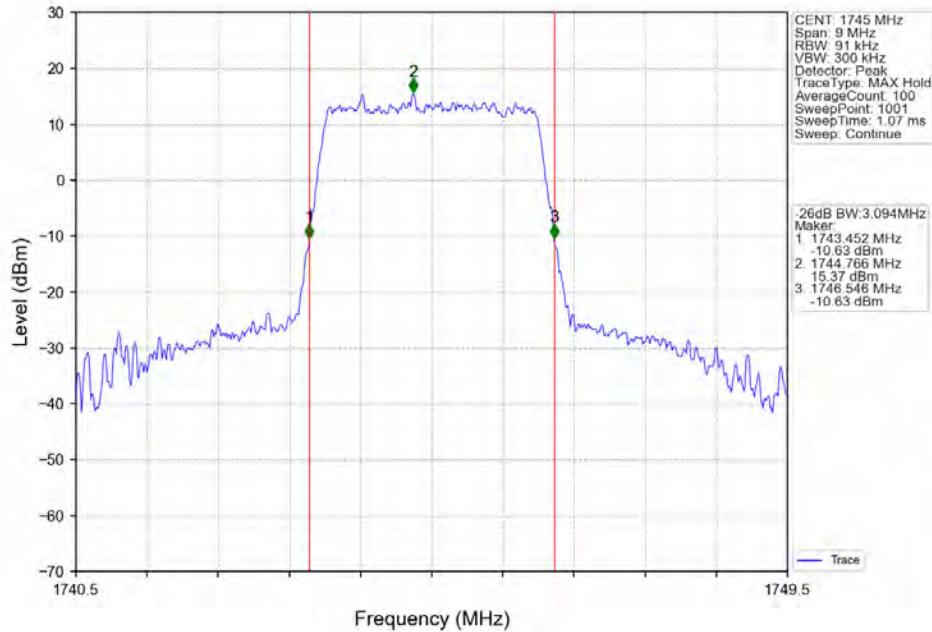
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Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



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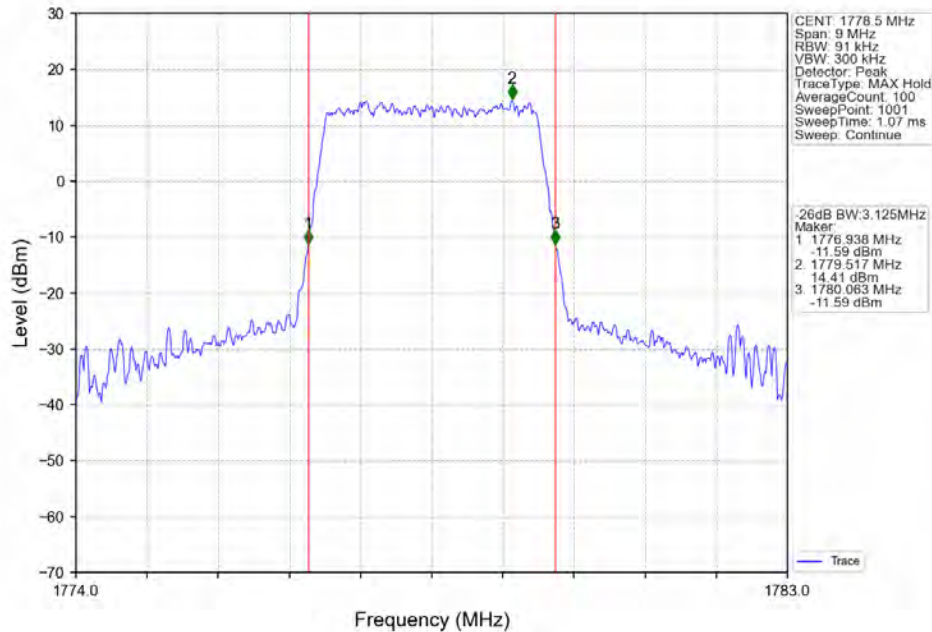
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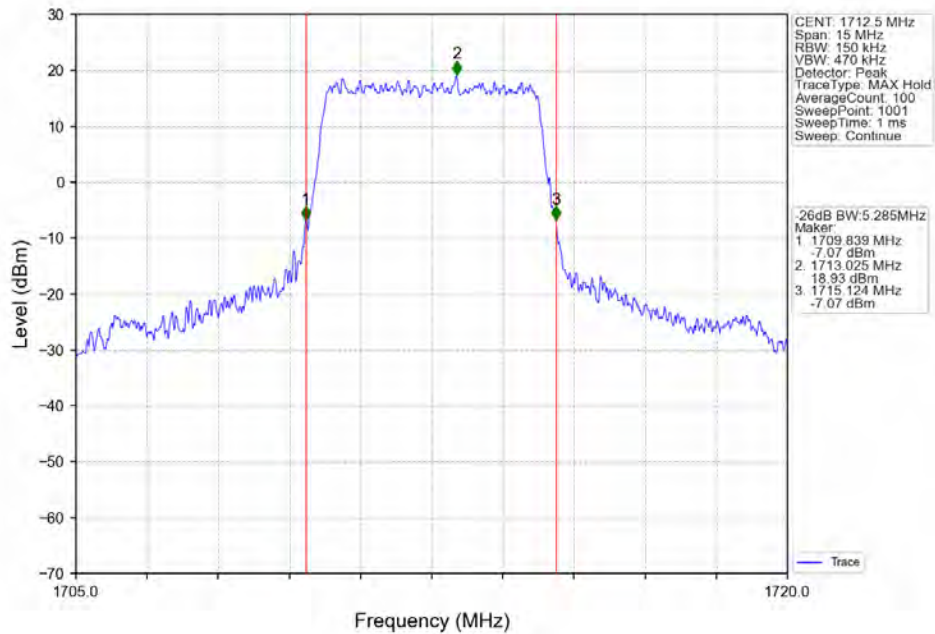
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Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



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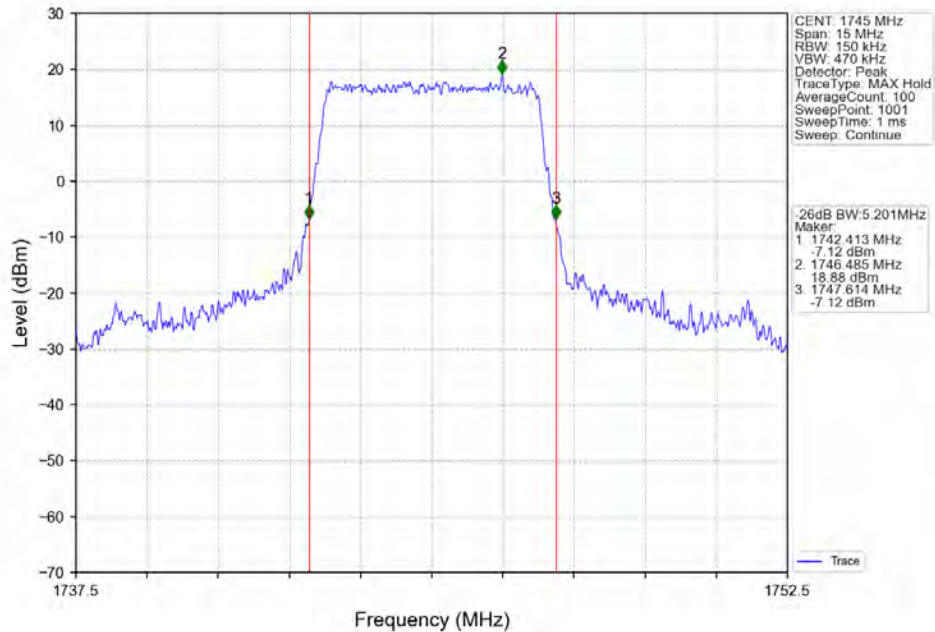
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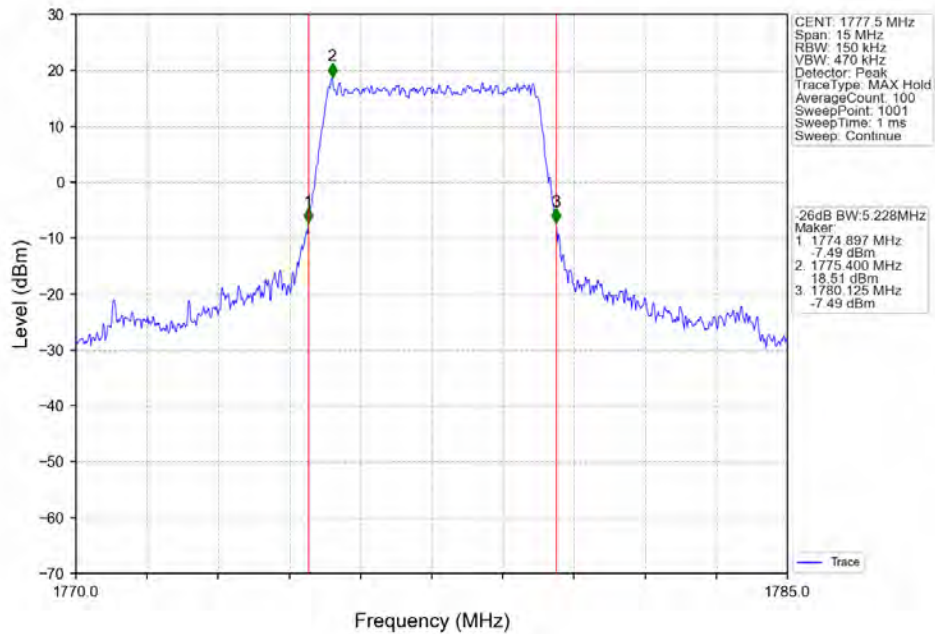
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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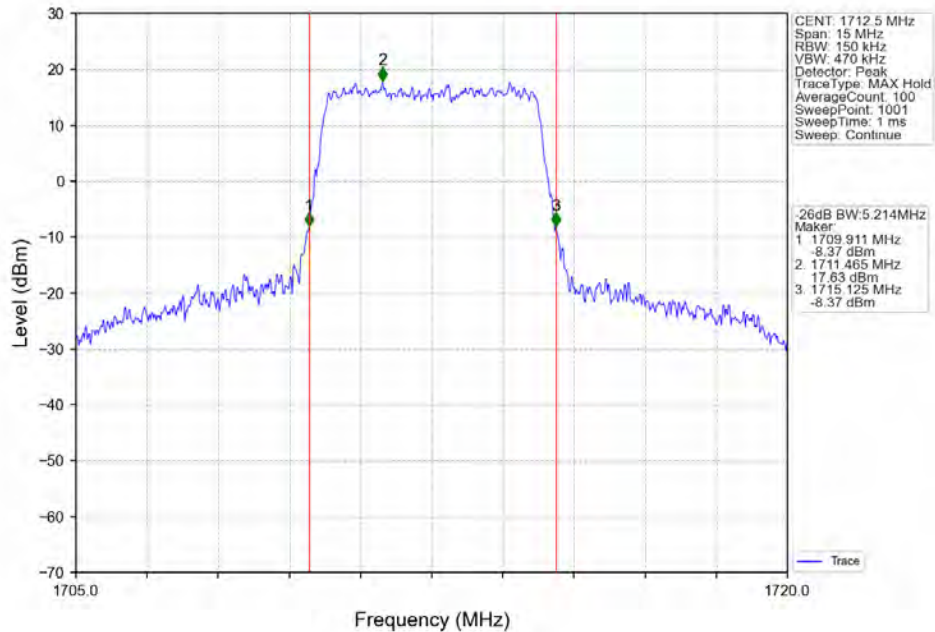
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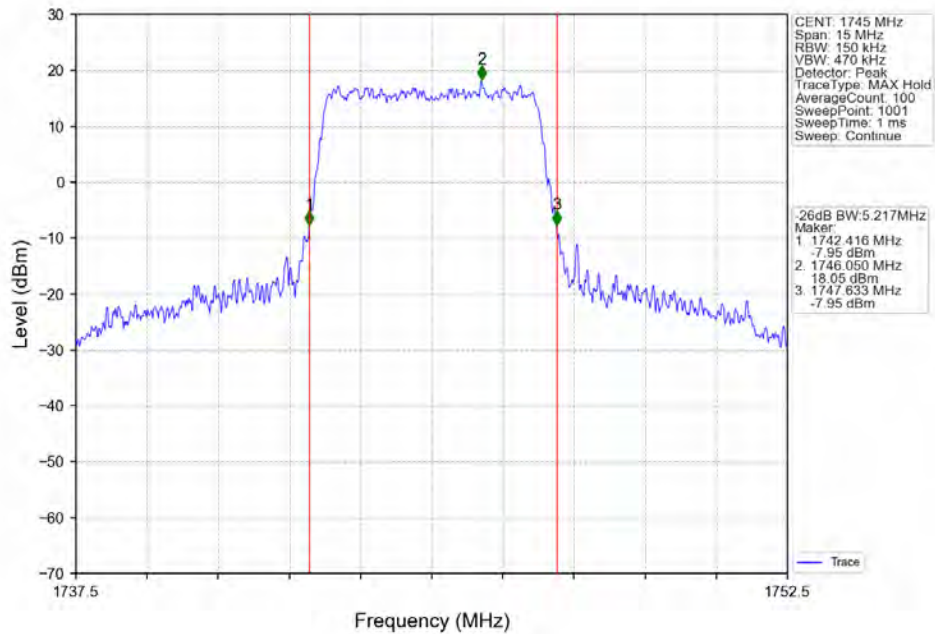
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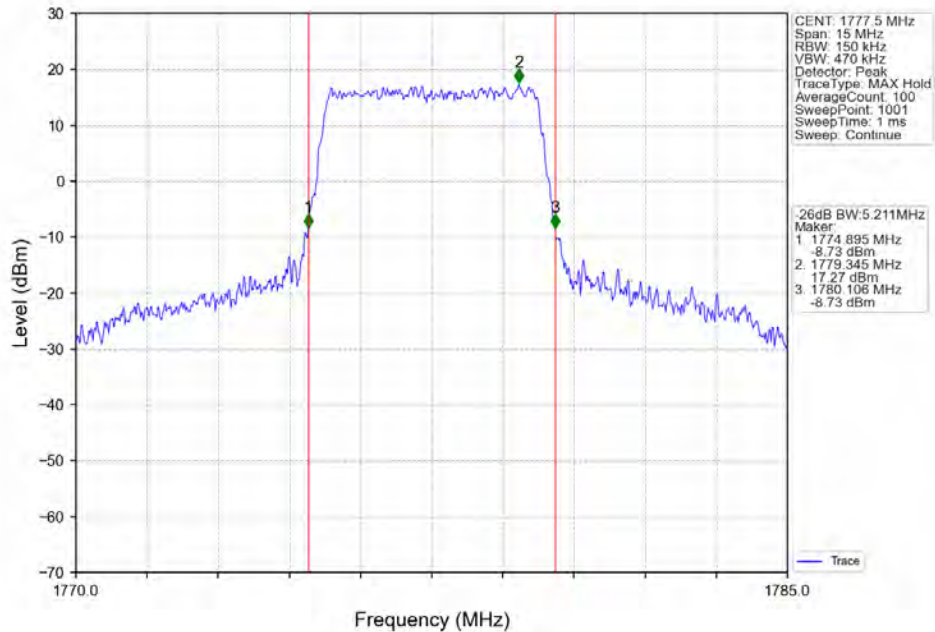
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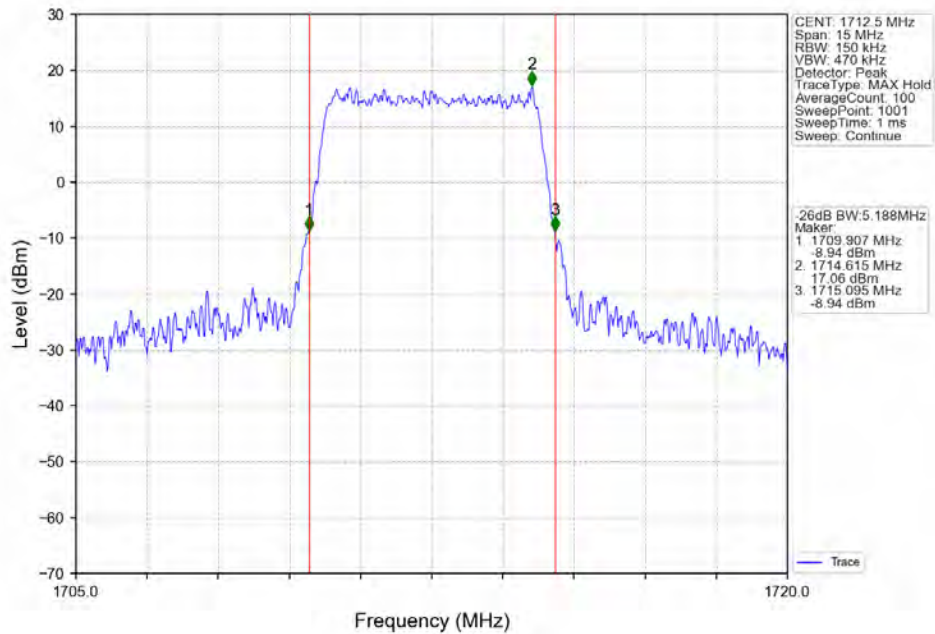
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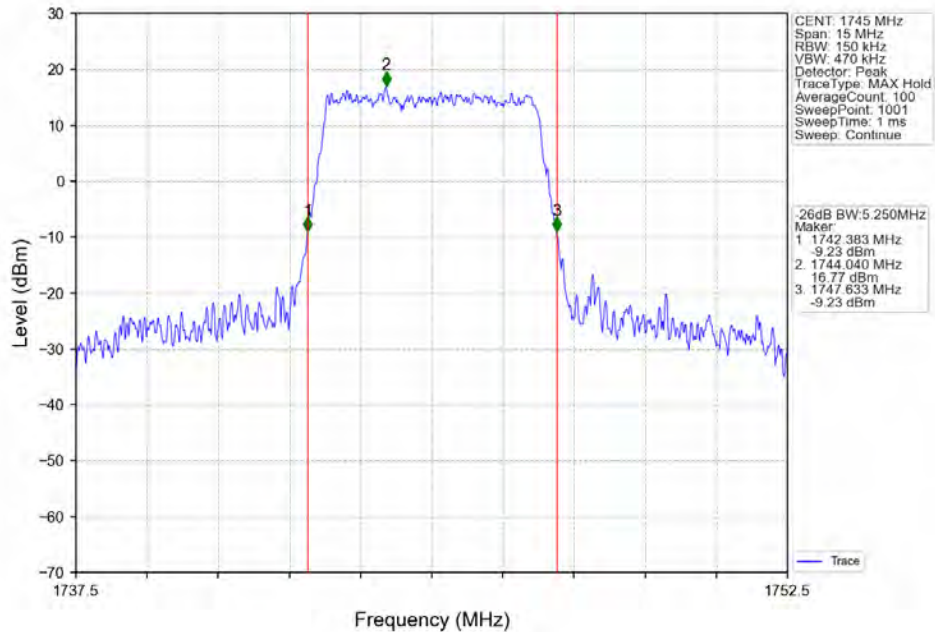
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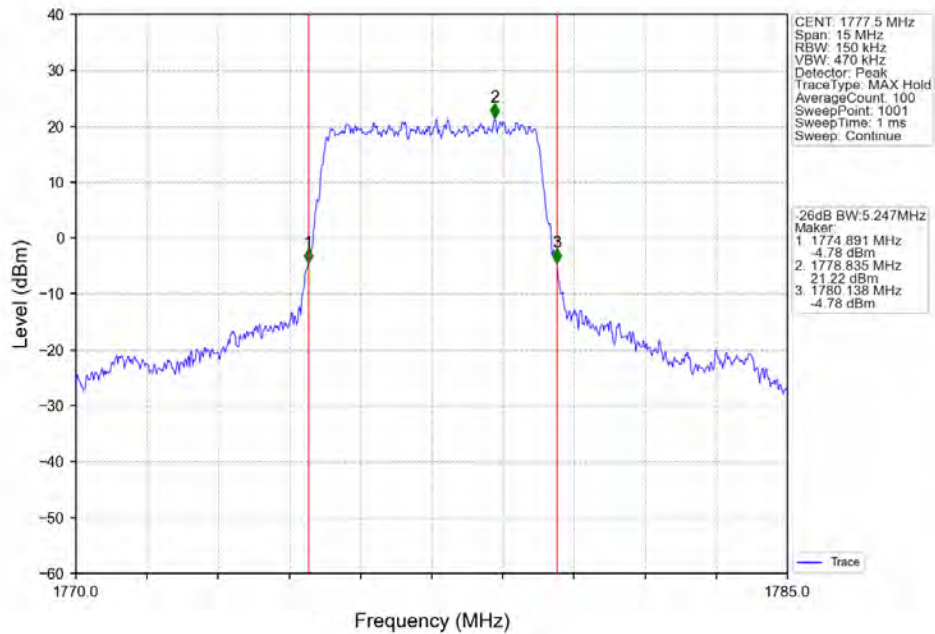
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Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



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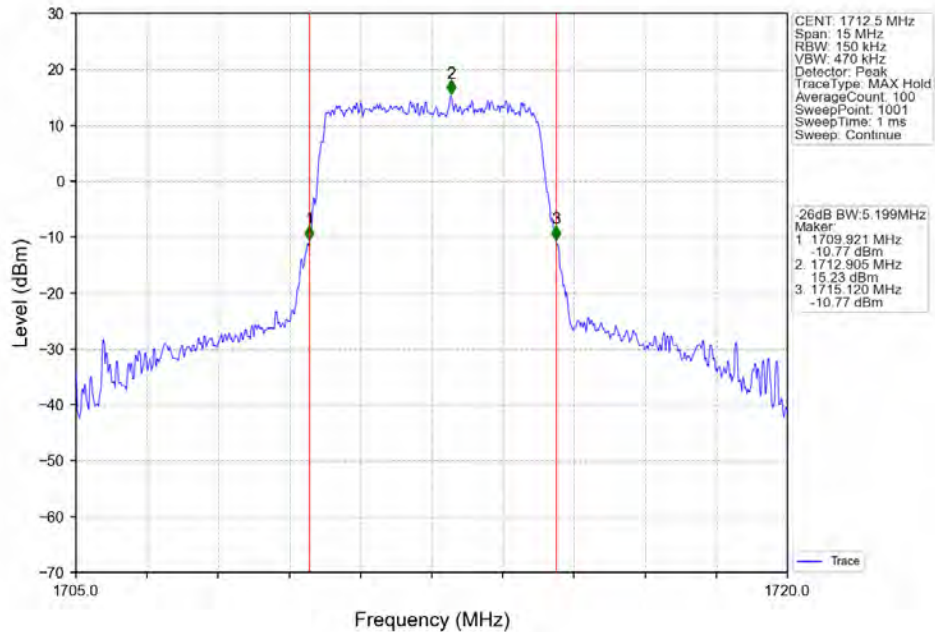
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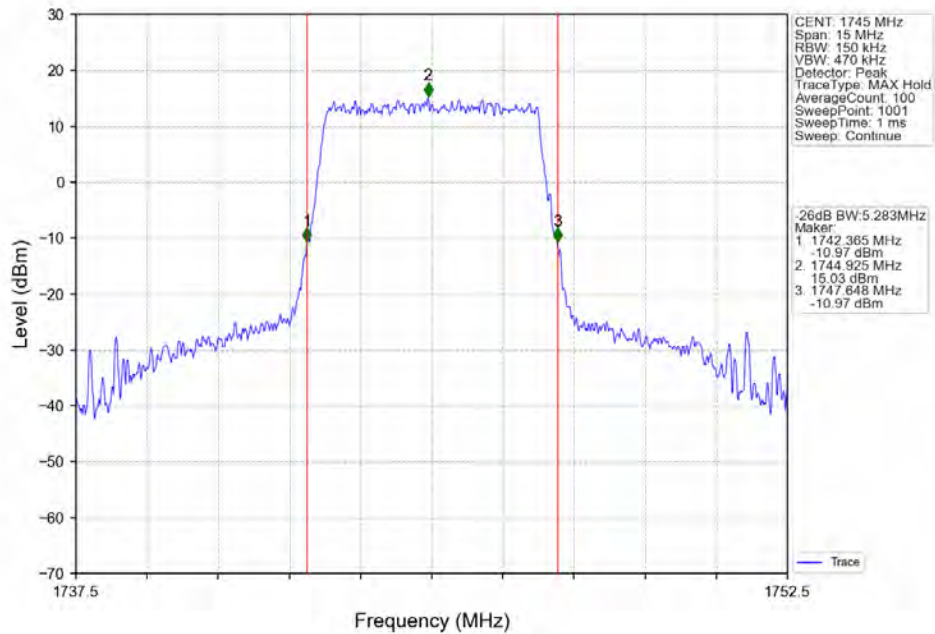
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Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



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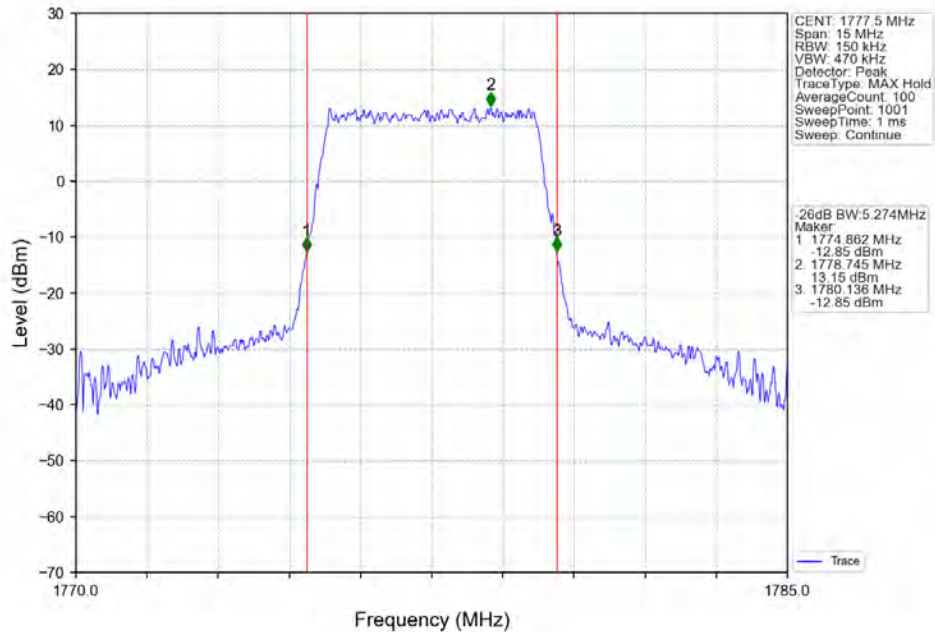
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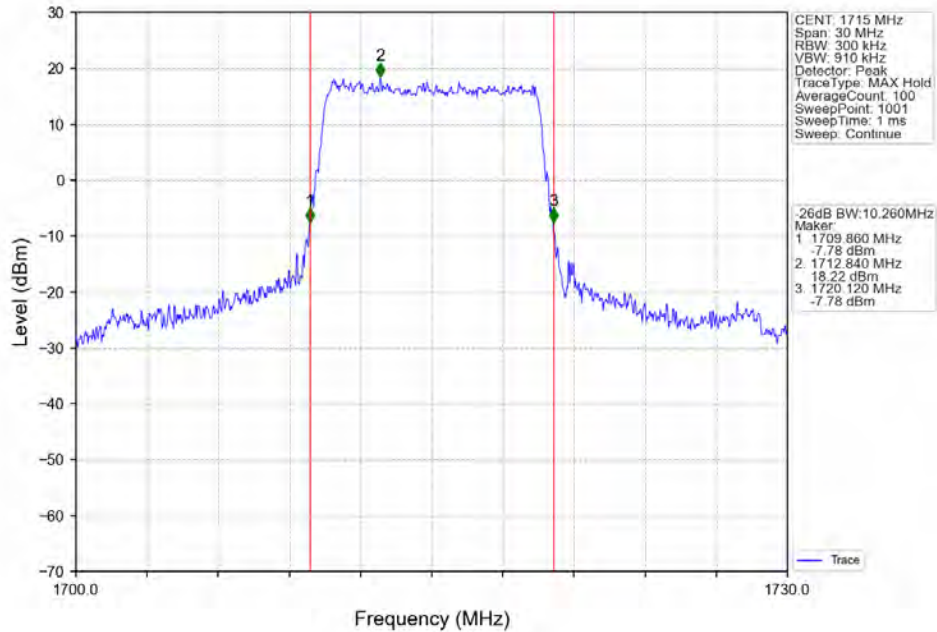
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Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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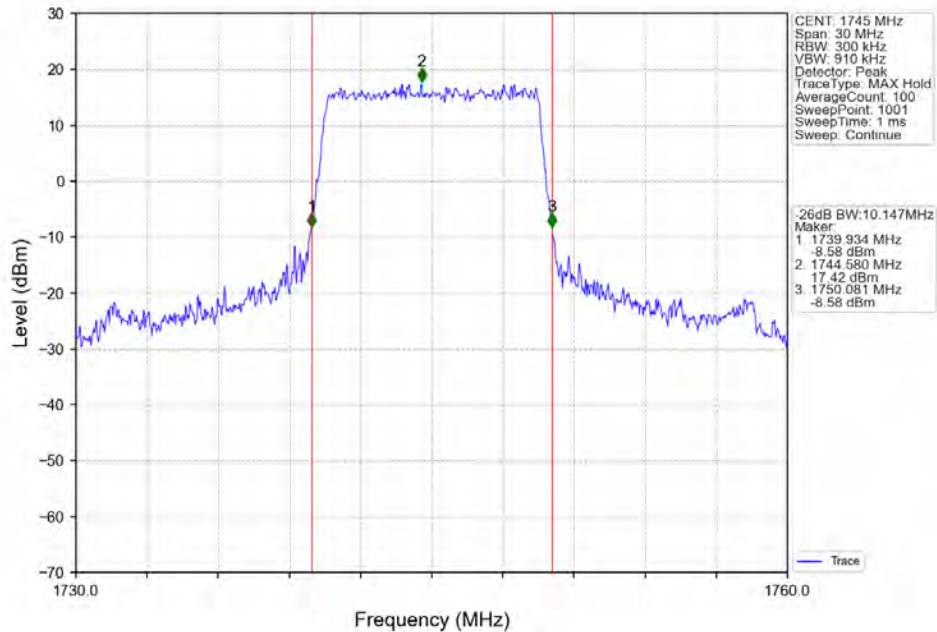
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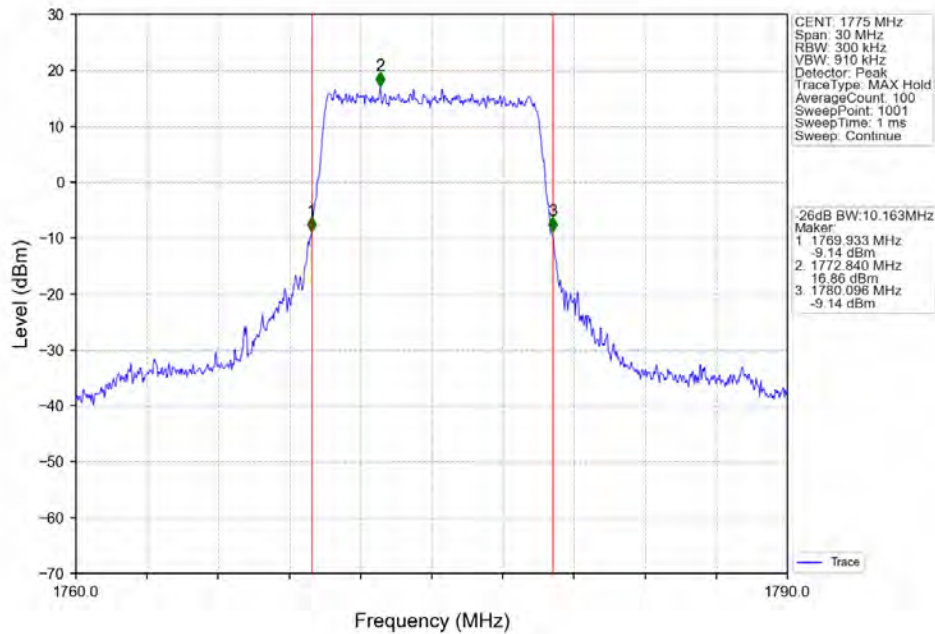
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Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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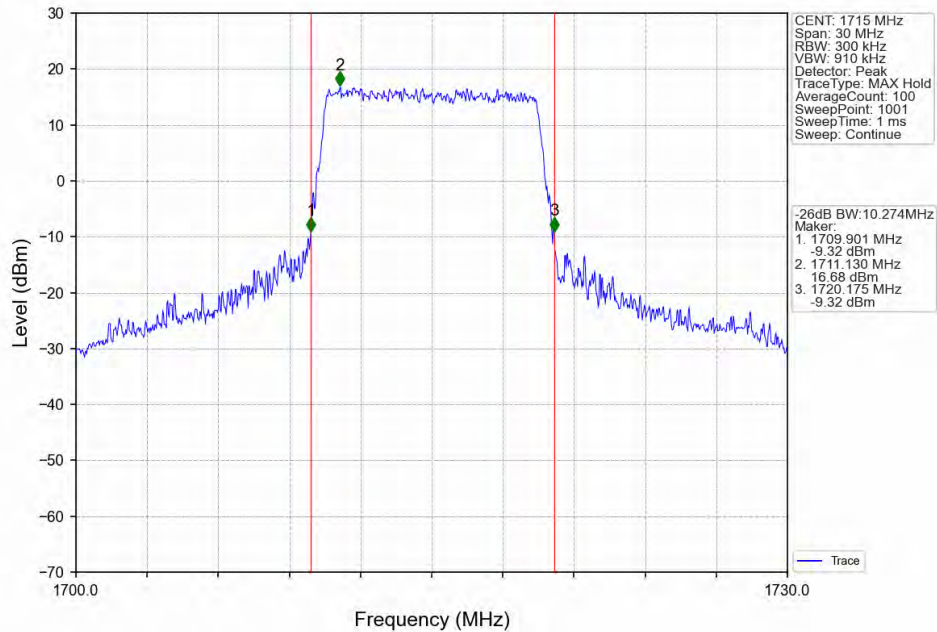
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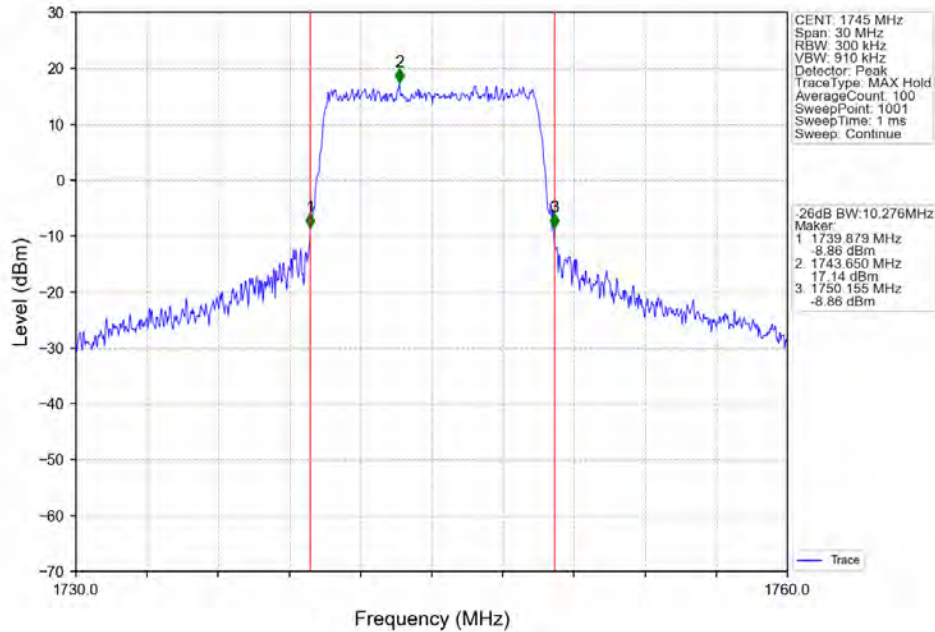
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Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



Band66 10MHz 16QAM HCH 1775MHz RB 50 0 NTNV



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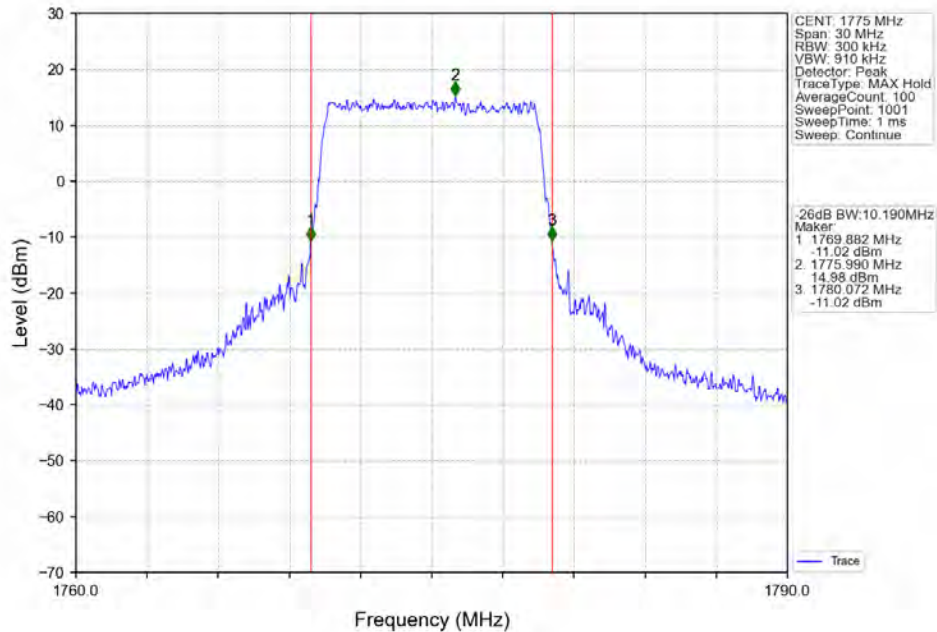
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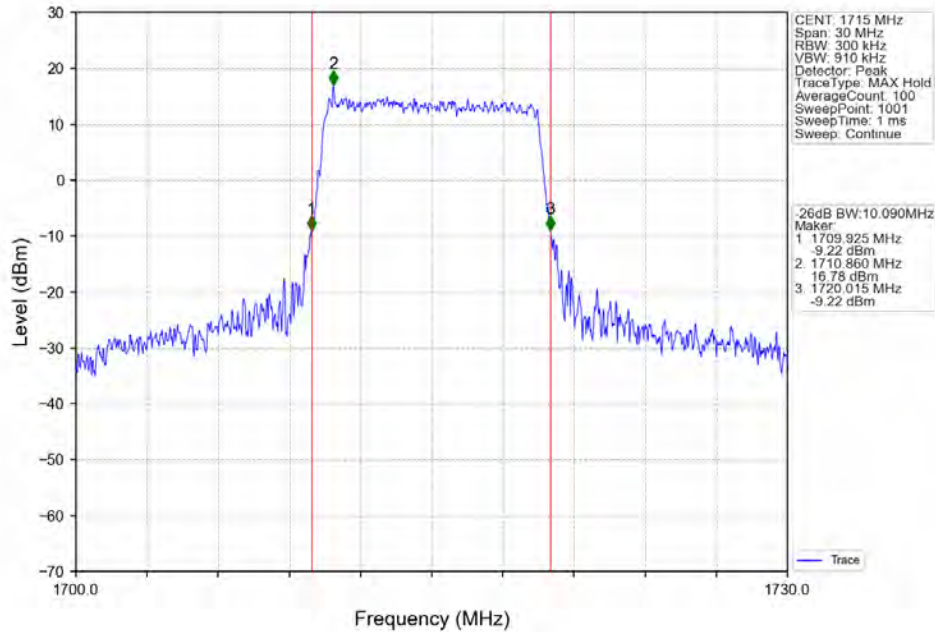
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Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



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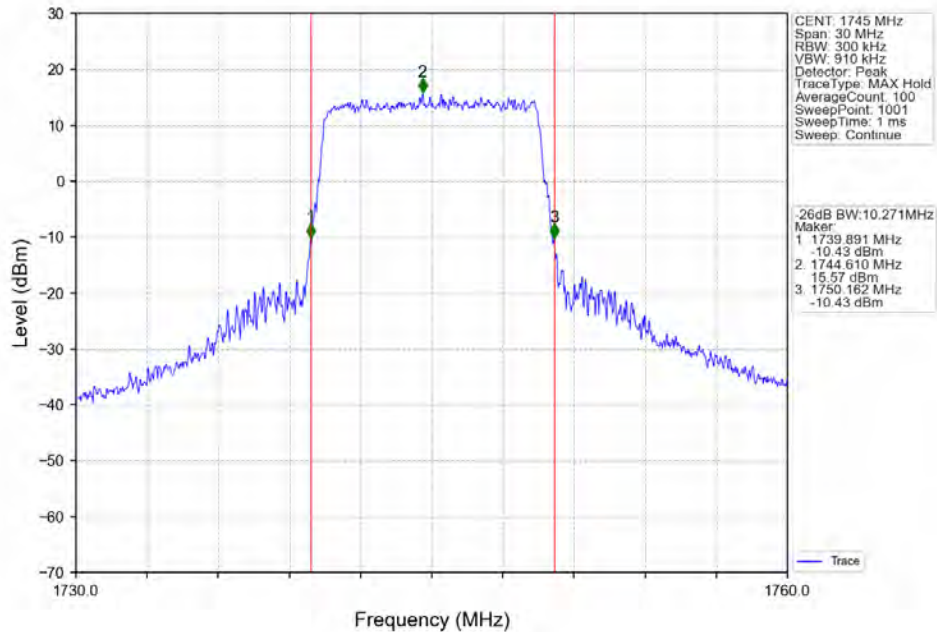
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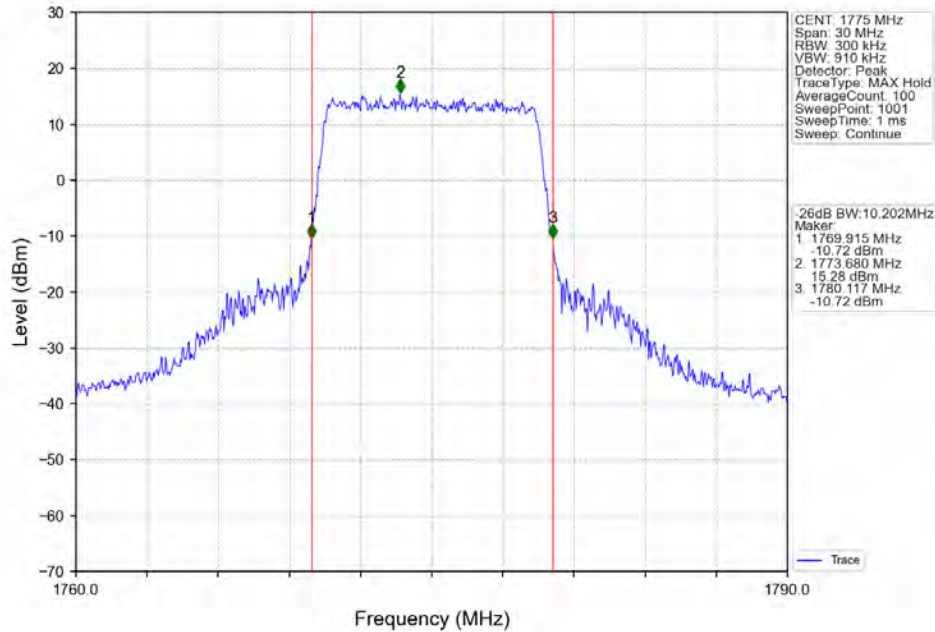
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Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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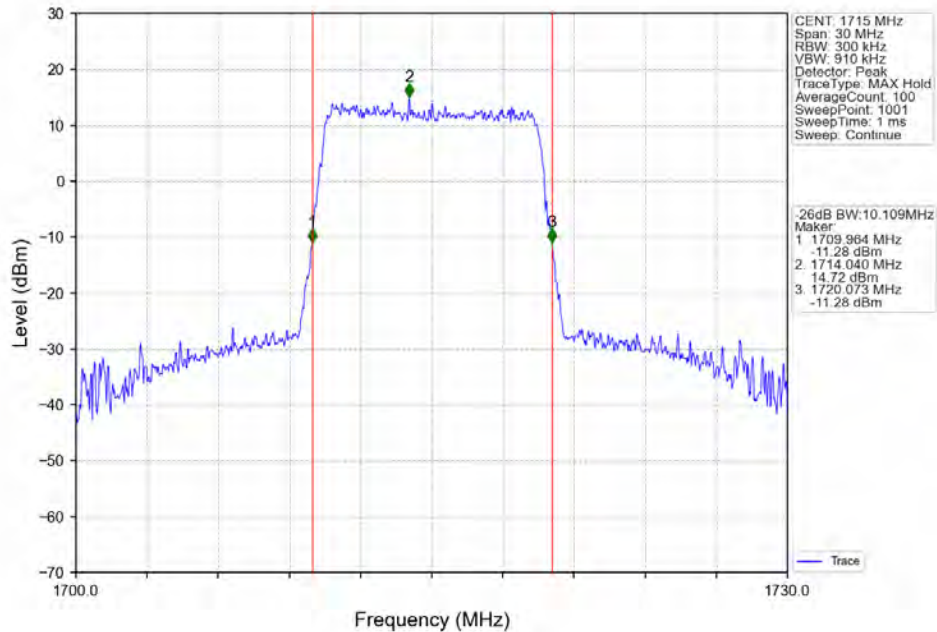
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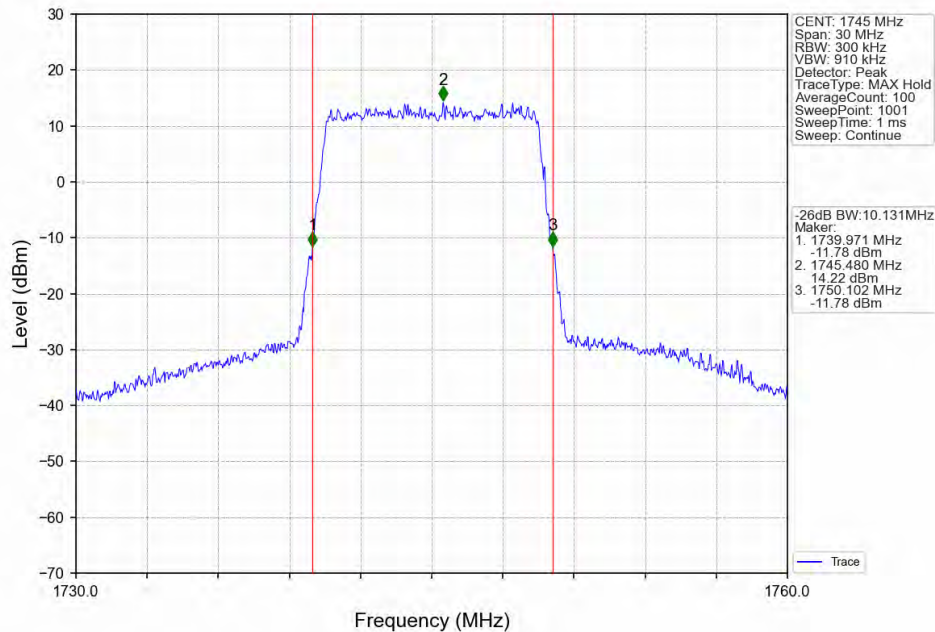
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Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



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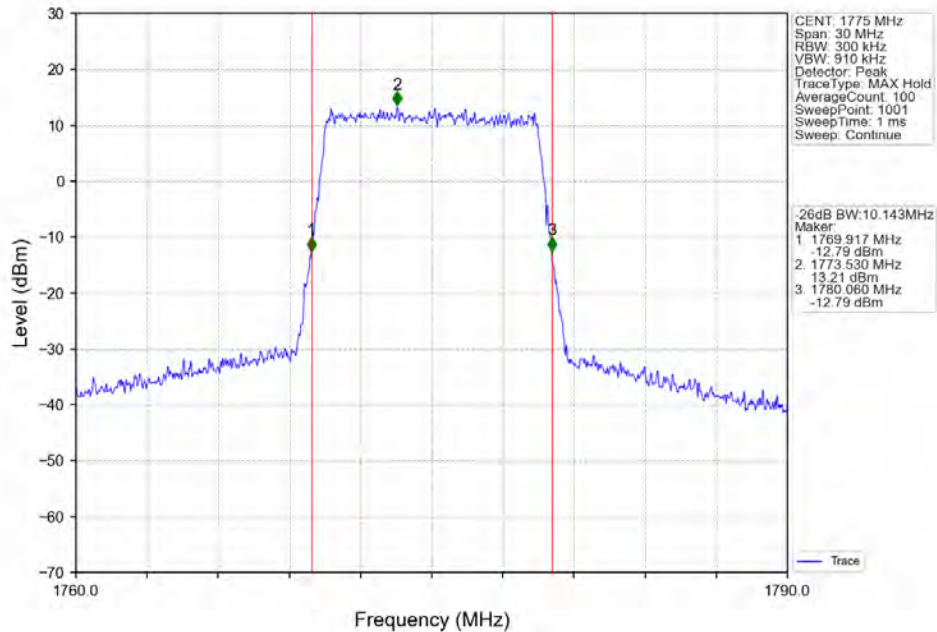
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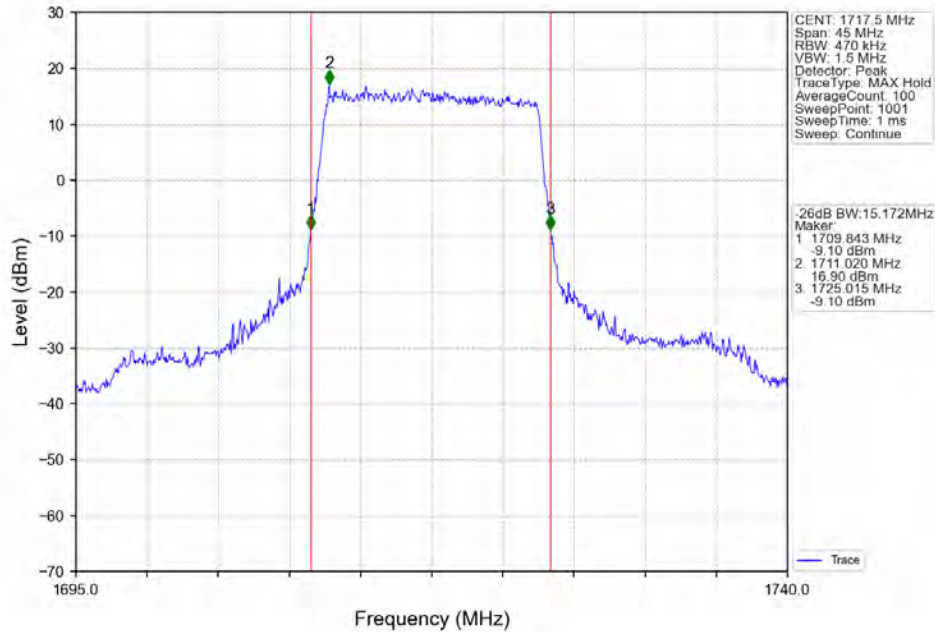
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Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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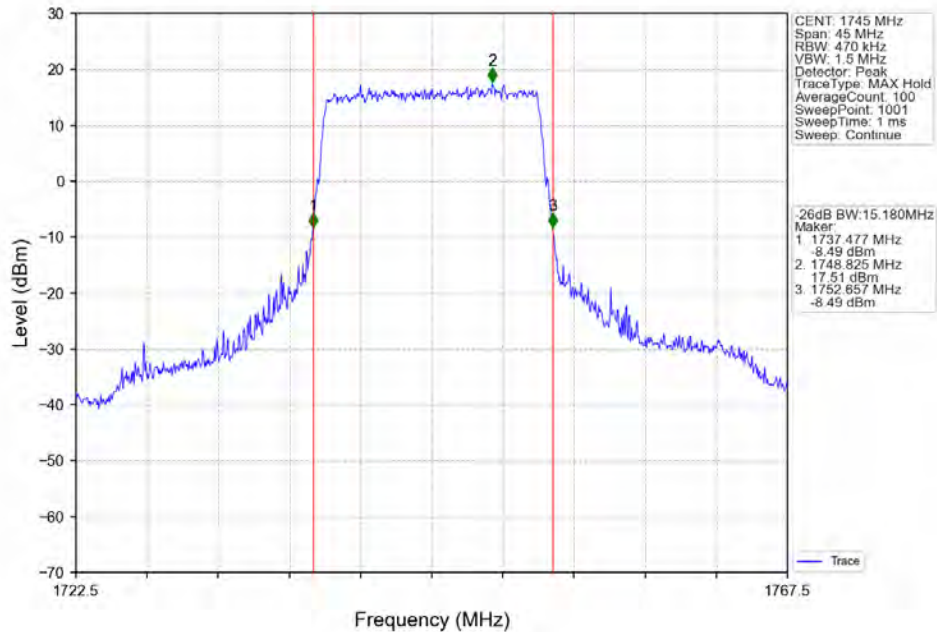
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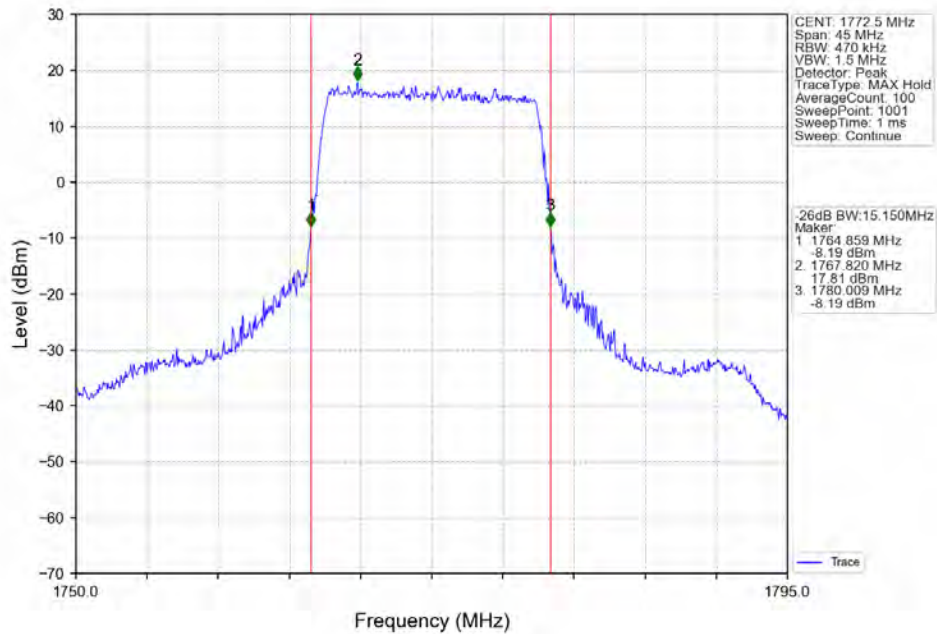
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Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



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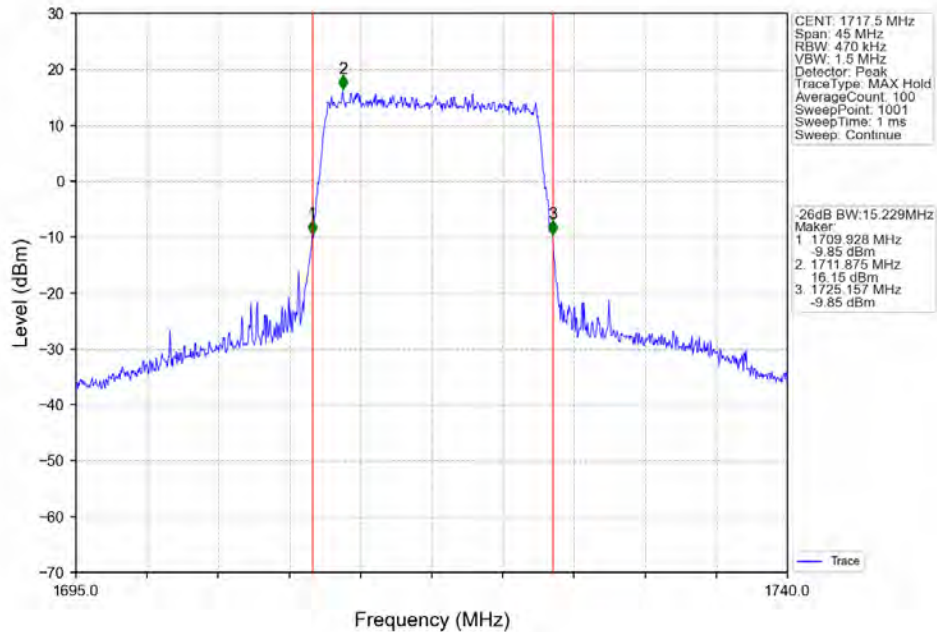
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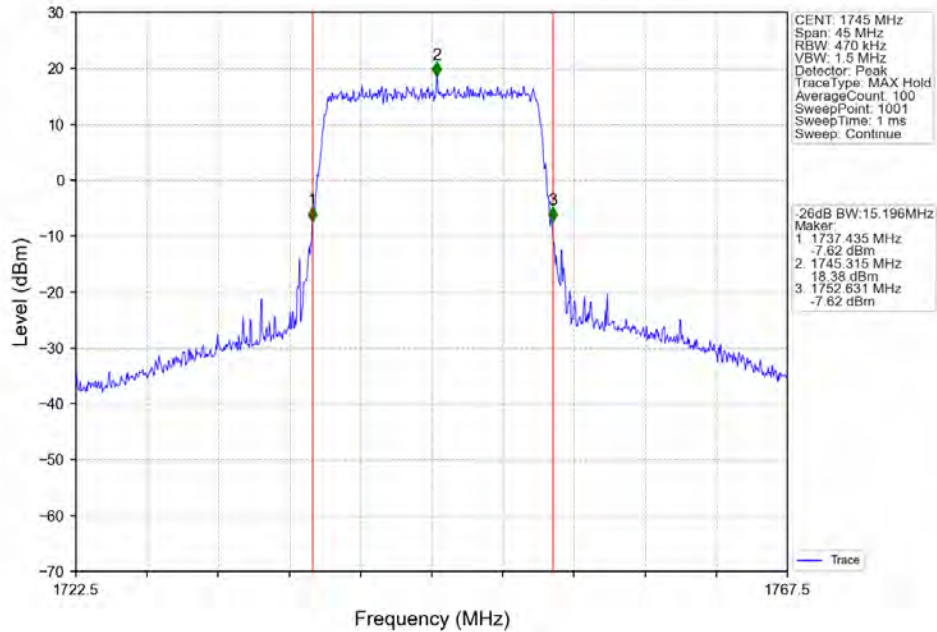
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Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



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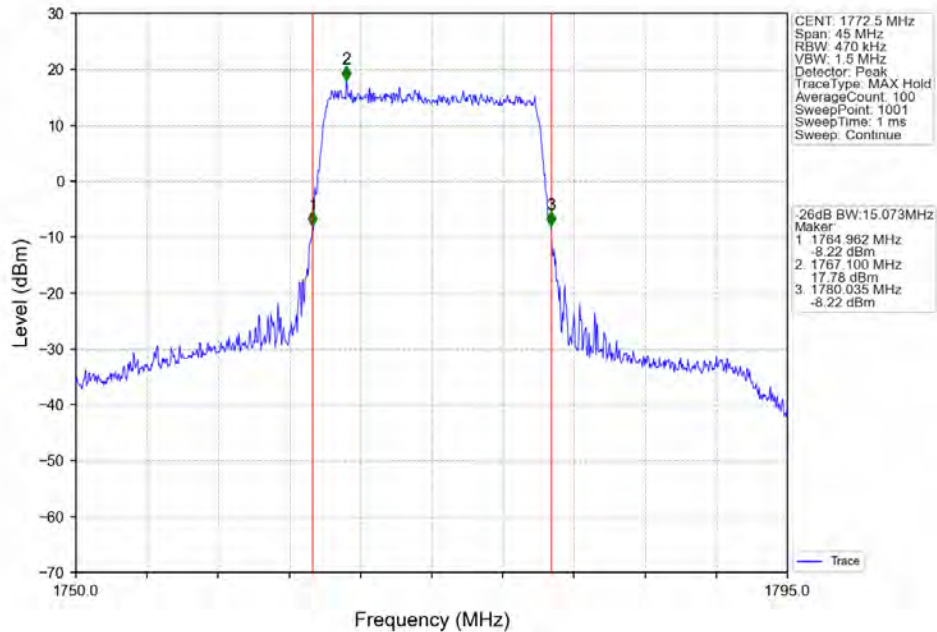
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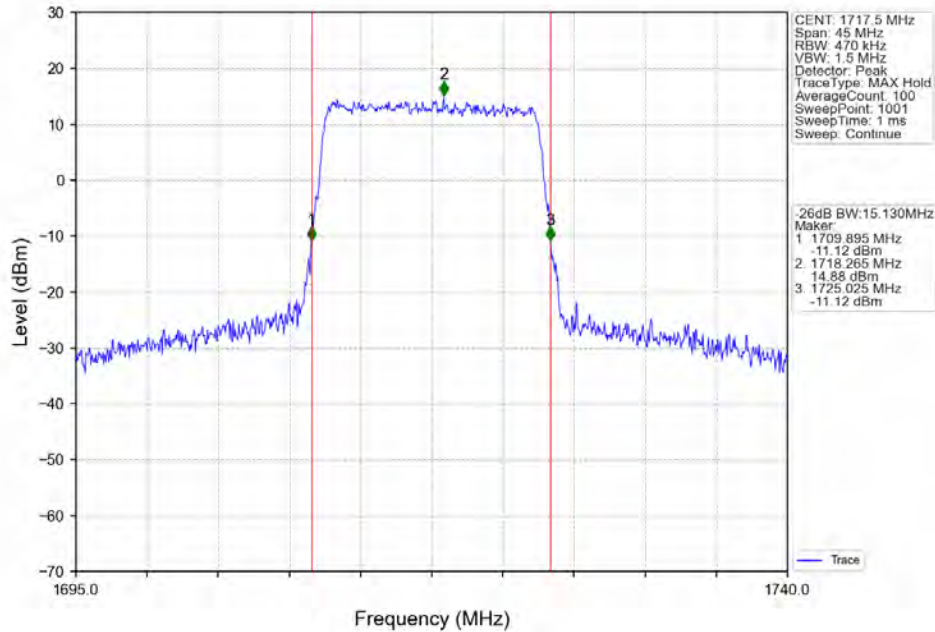
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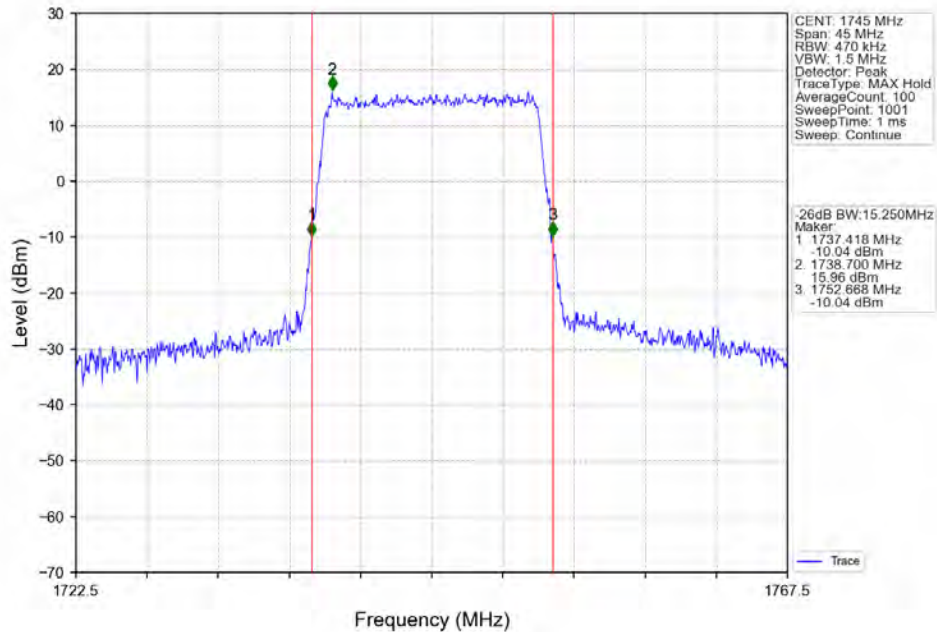
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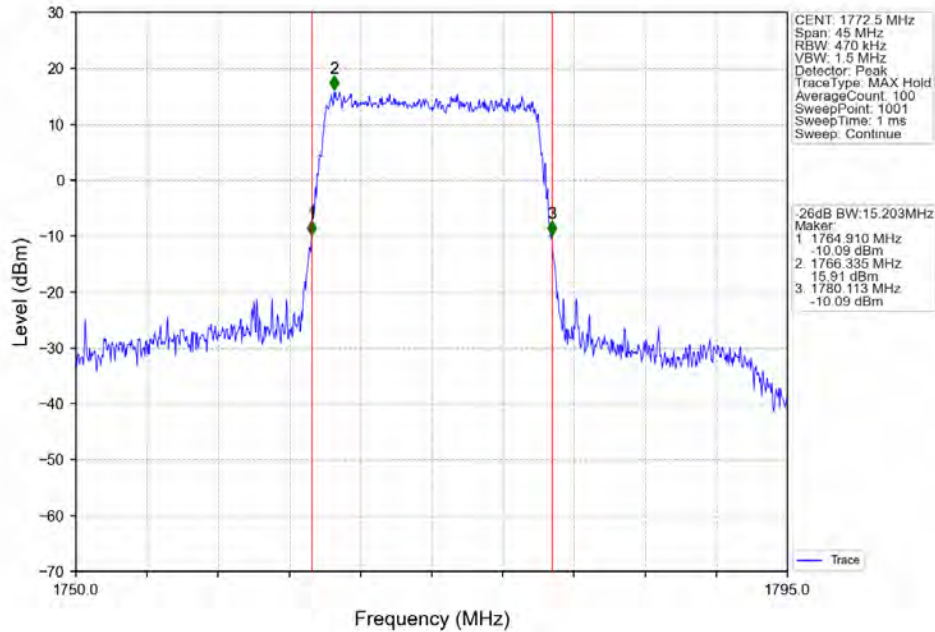
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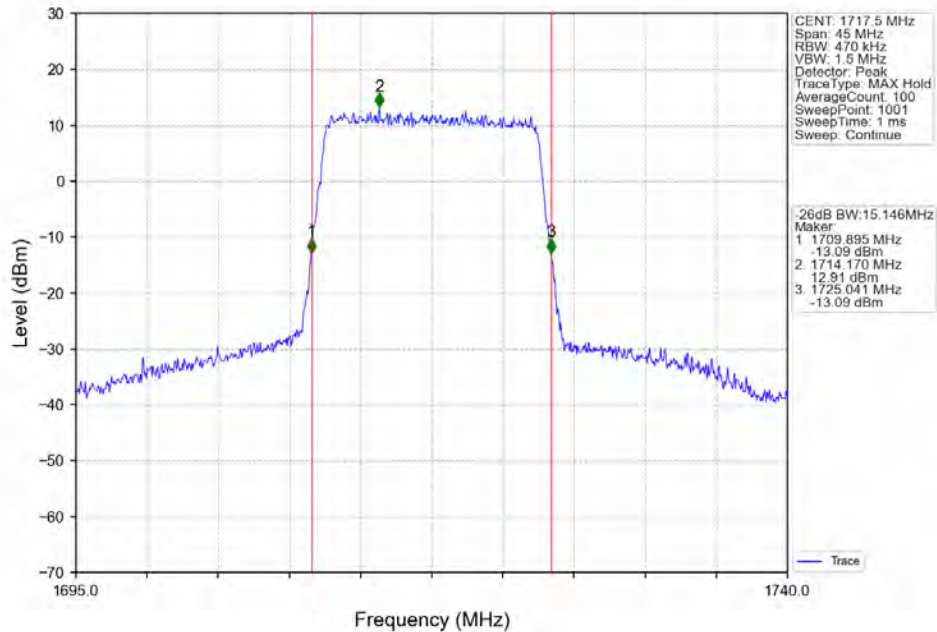
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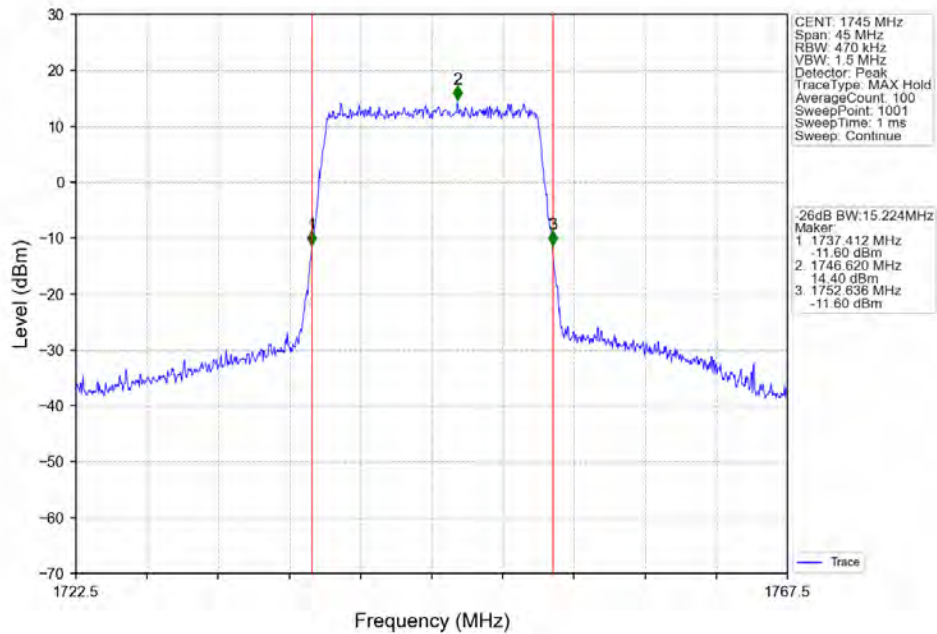
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Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



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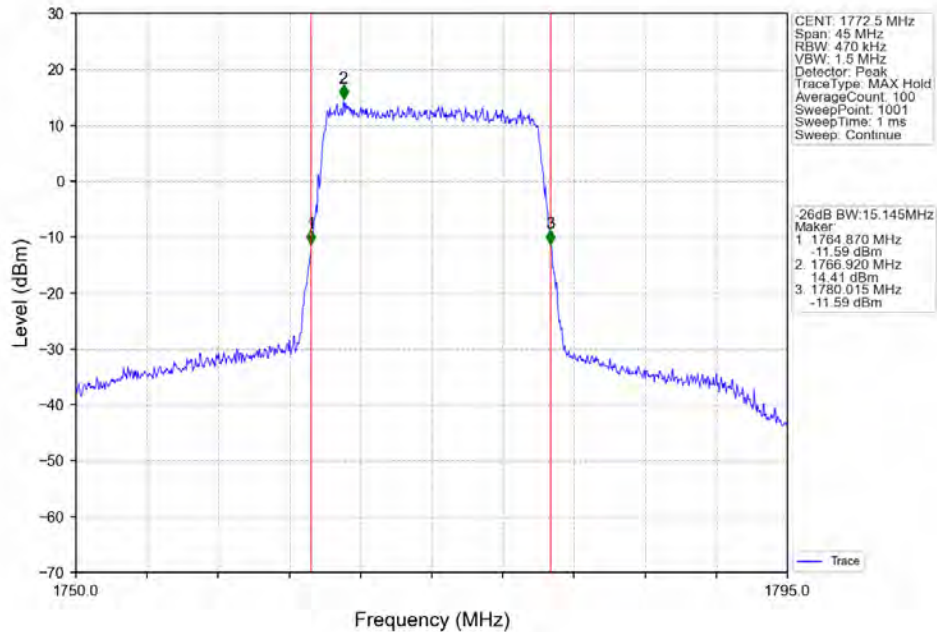
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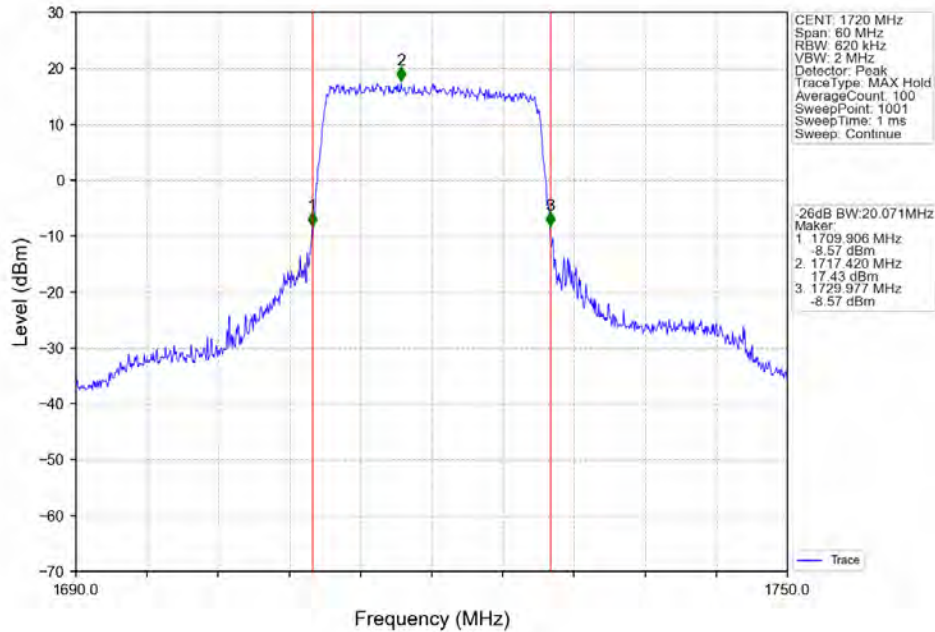
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Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



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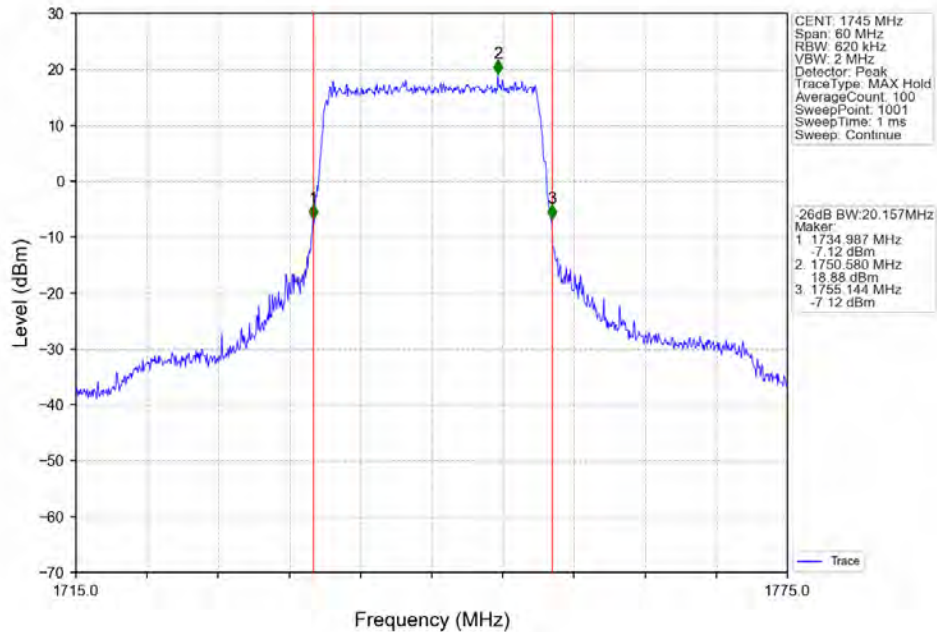
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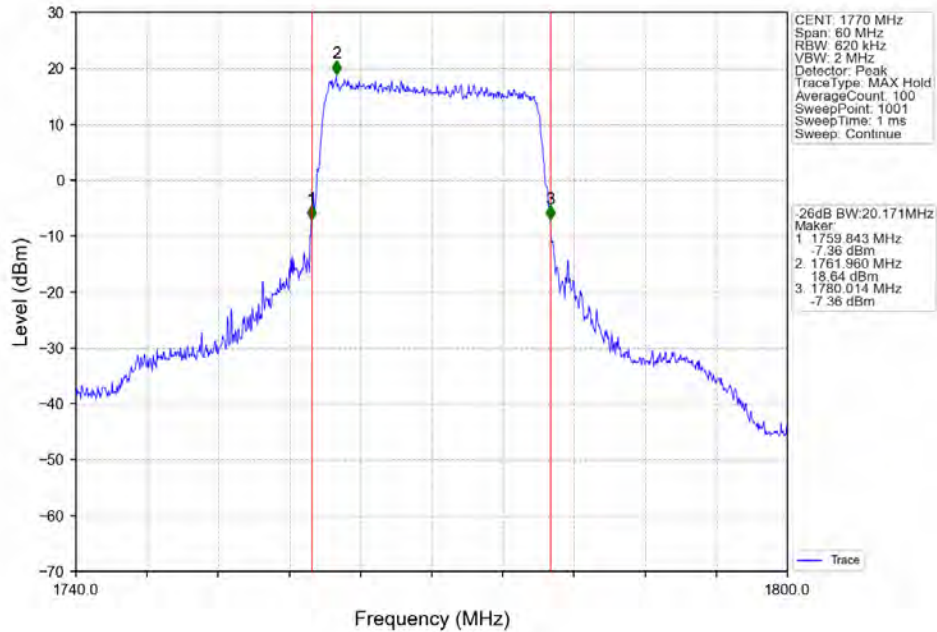
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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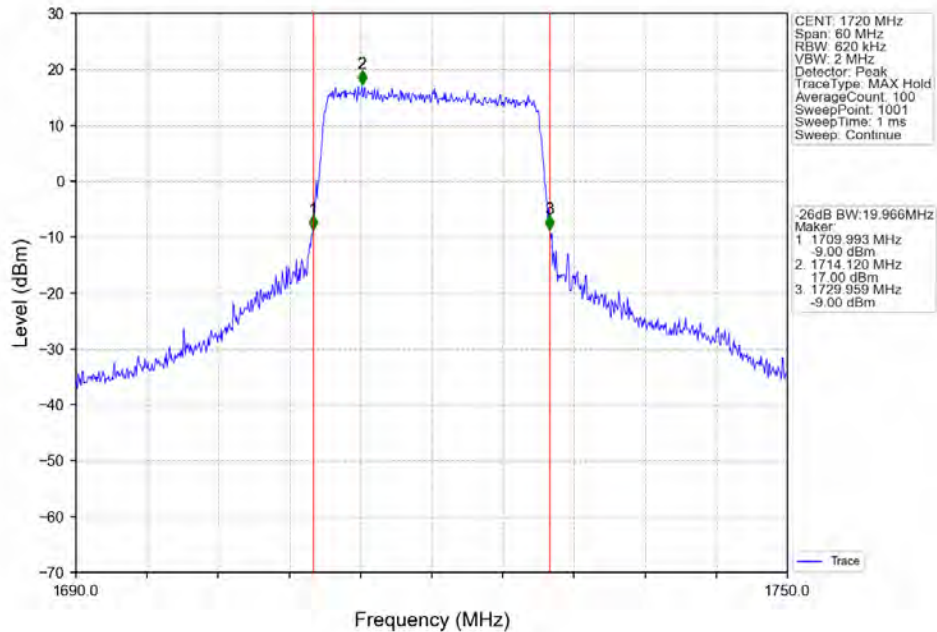
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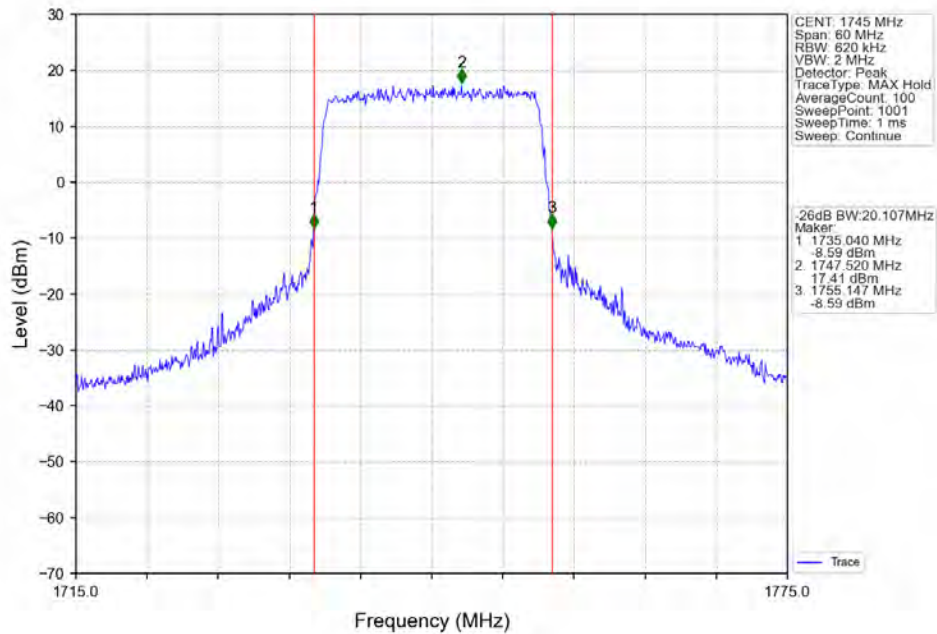
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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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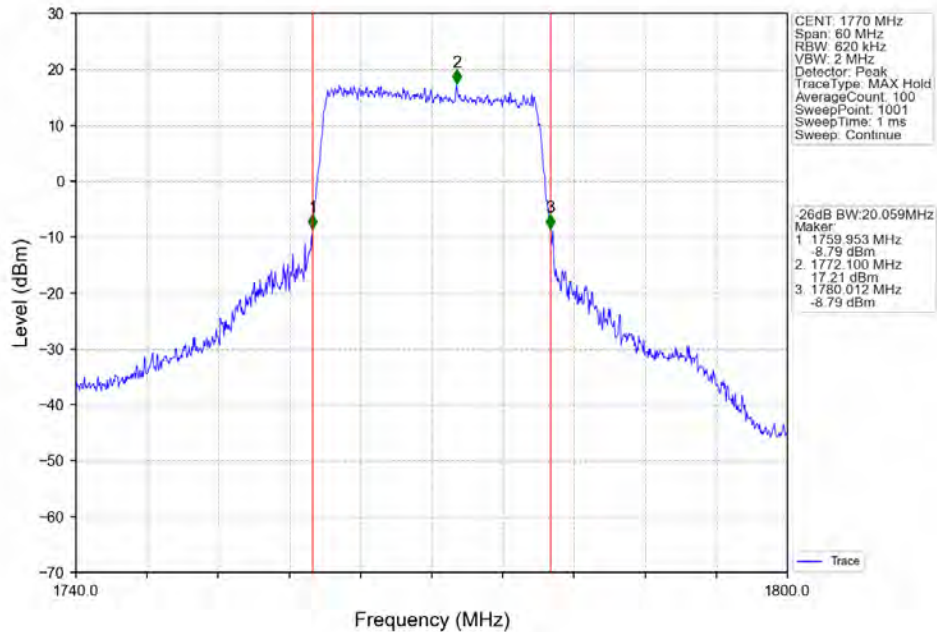
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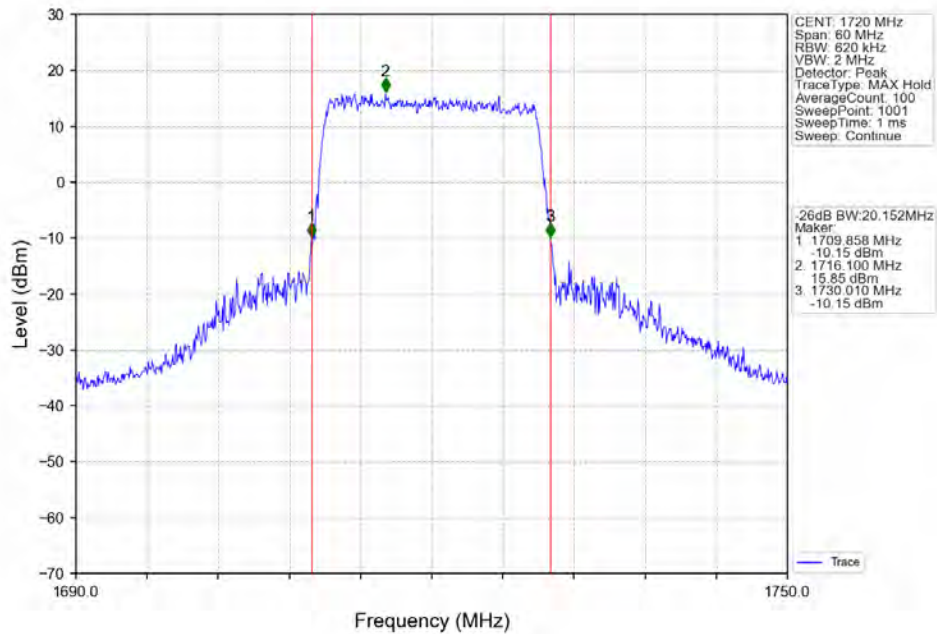
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Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



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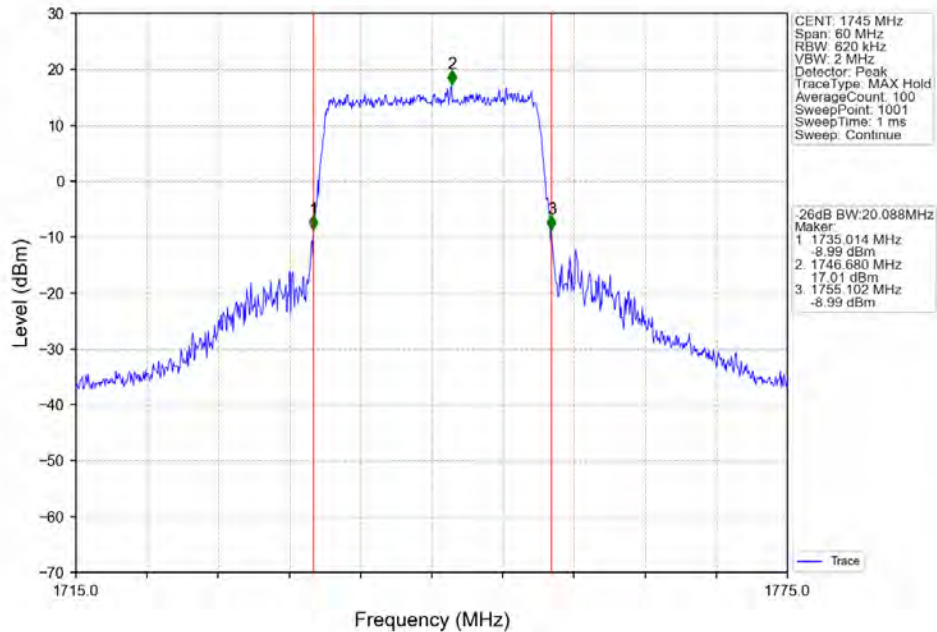
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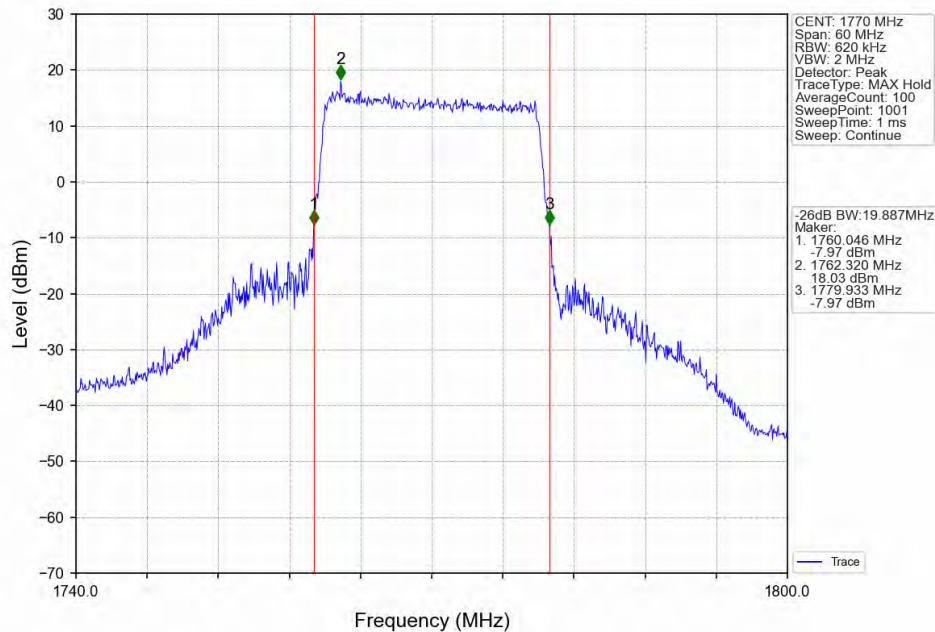
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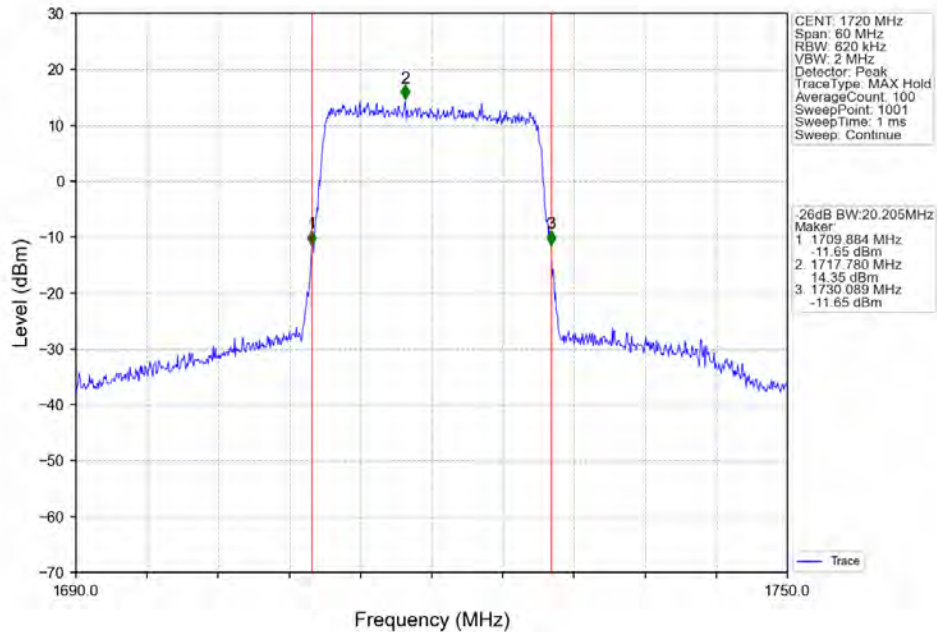
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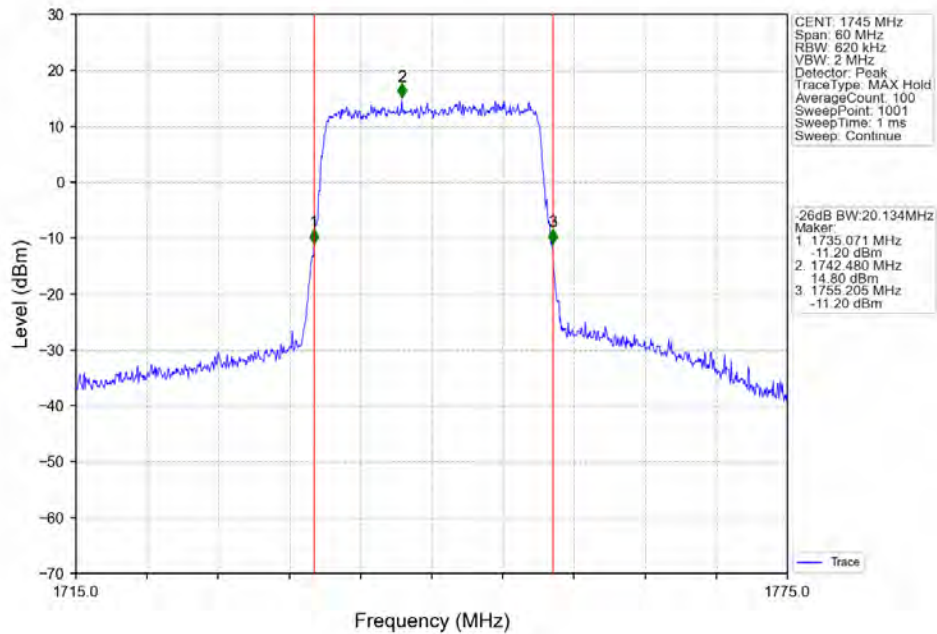
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Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



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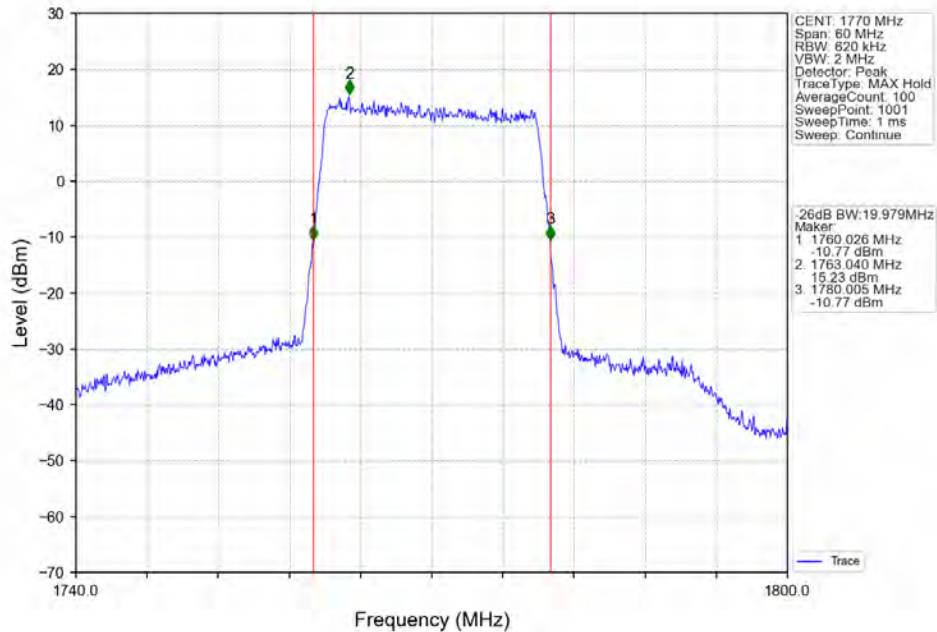
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5. Peak-Average Ratio

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.72	<=13	Pass
	1745	6	0	4.73	<=13	Pass
	1779.3	6	0	4.52	<=13	Pass
16QAM	1710.7	6	0	6.06	<=13	Pass
	1745	6	0	6.11	<=13	Pass
	1779.3	6	0	5.76	<=13	Pass
64QAM	1710.7	6	0	6.63	<=13	Pass
	1745	6	0	6.68	<=13	Pass
	1779.3	6	0	6.46	<=13	Pass
256QAM	1710.7	6	0	6.94	<=13	Pass
	1745	6	0	6.81	<=13	Pass
	1779.3	6	0	6.81	<=13	Pass



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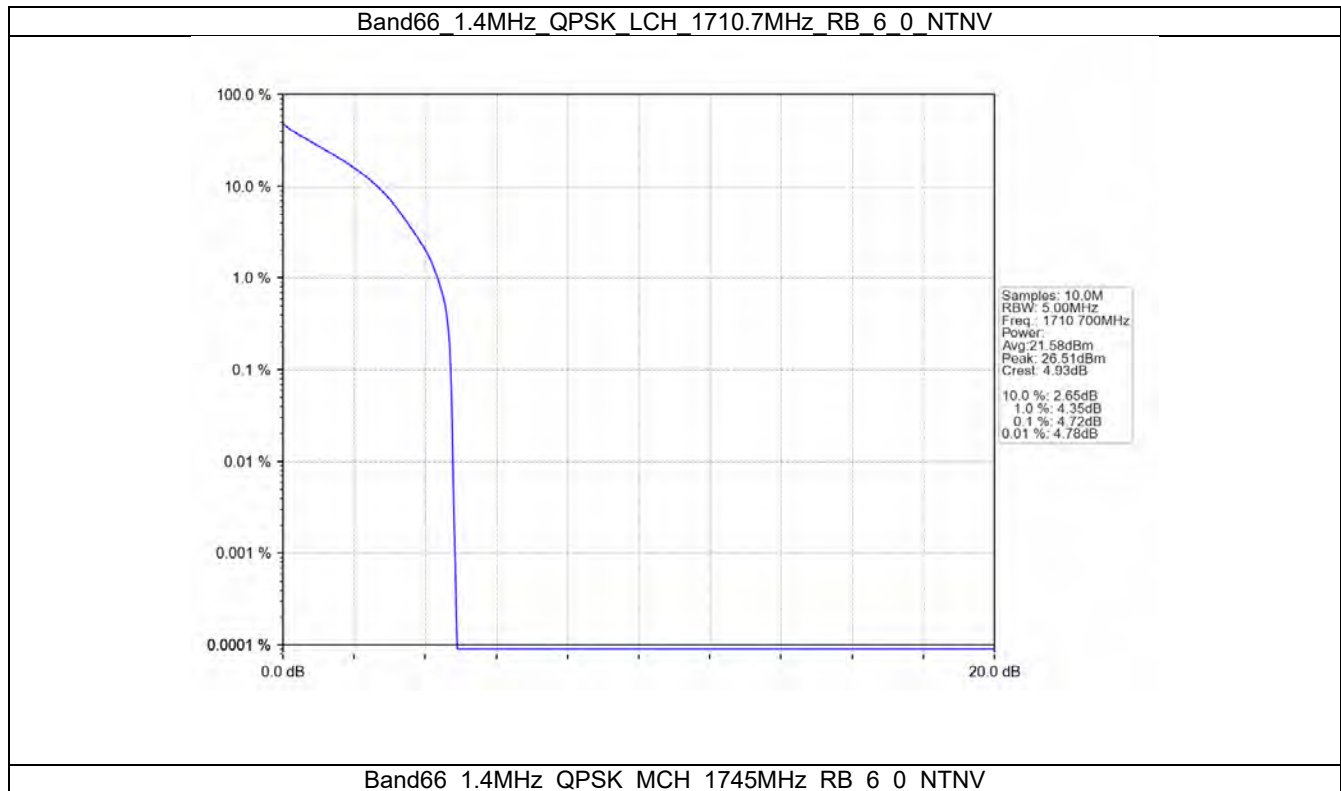
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5.1.2 Test Graph



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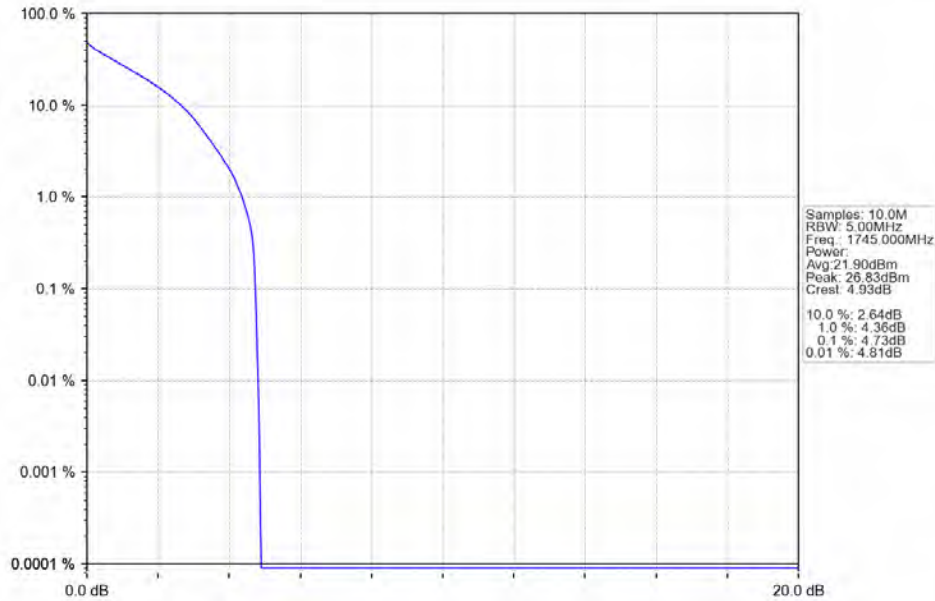
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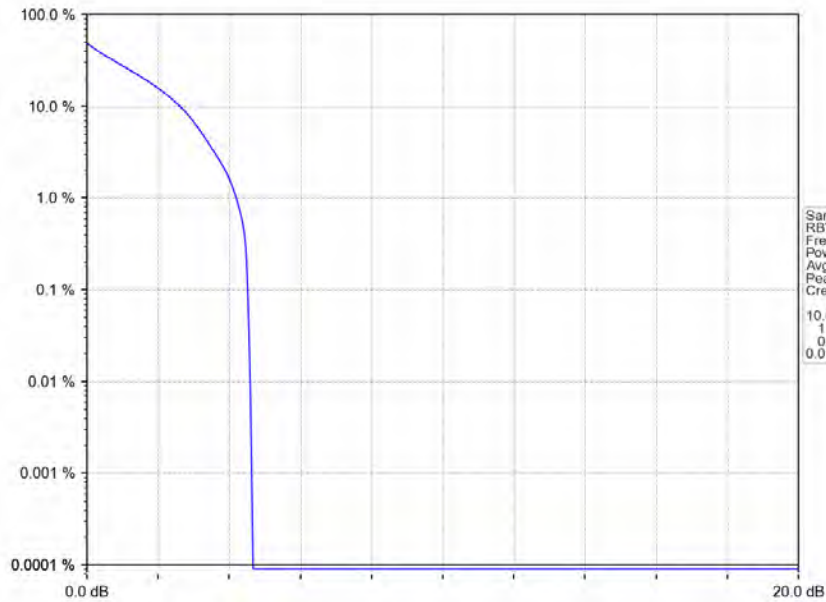
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Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTN



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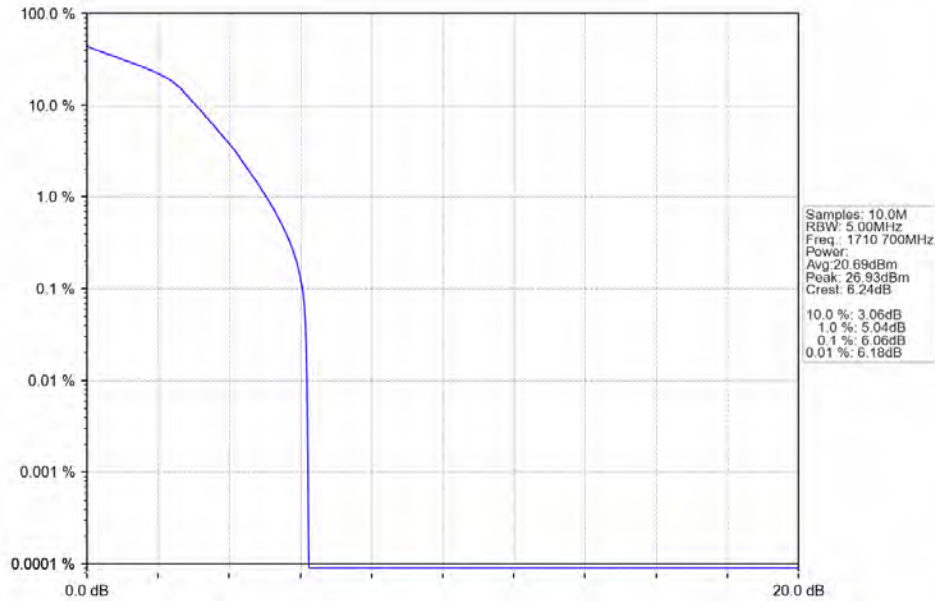
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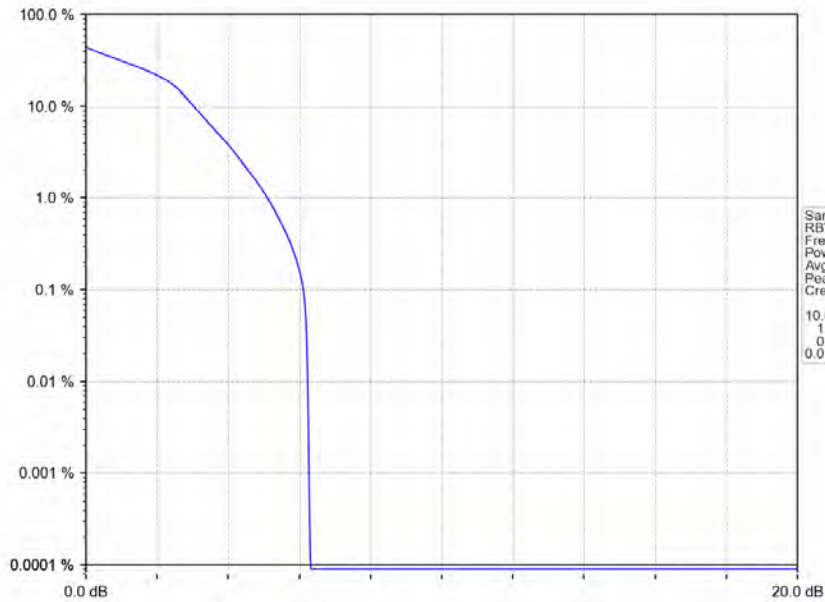
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Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



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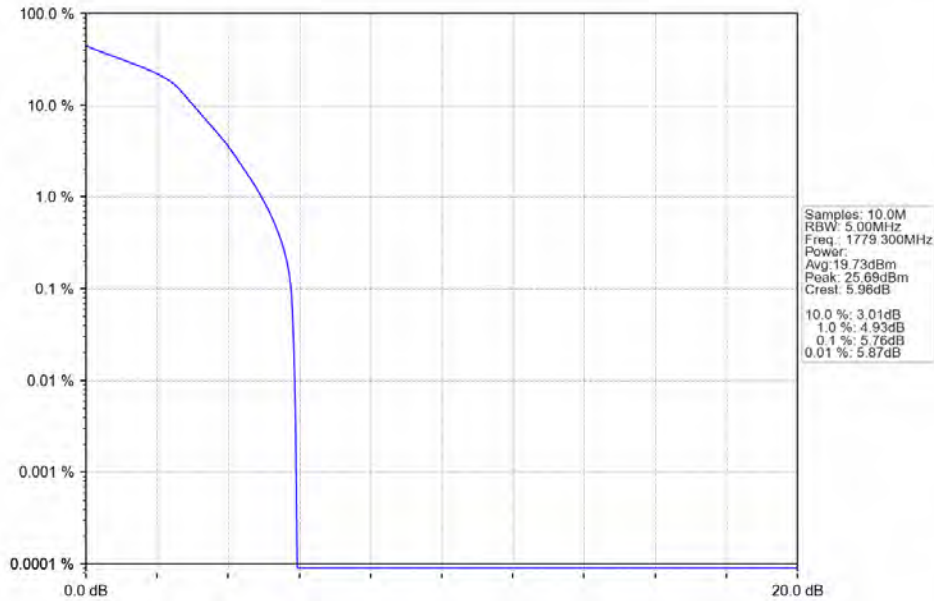
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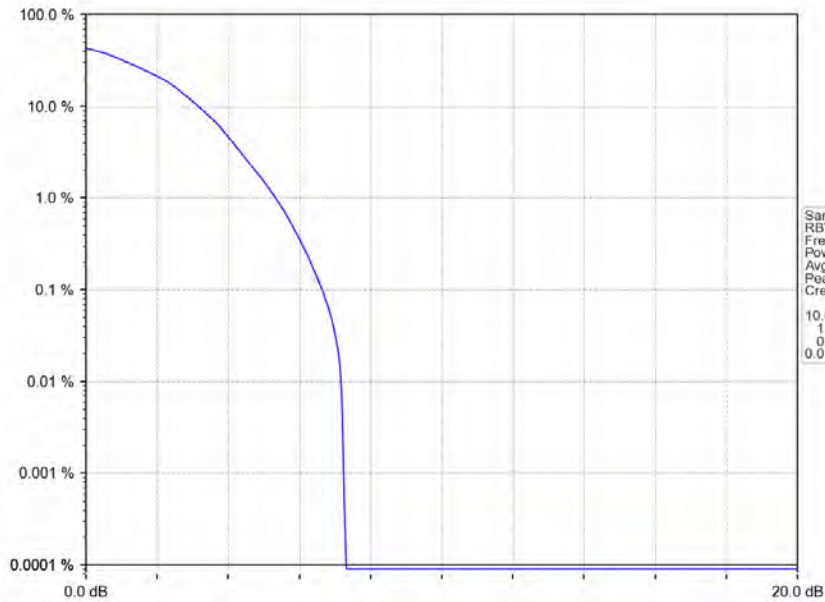
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Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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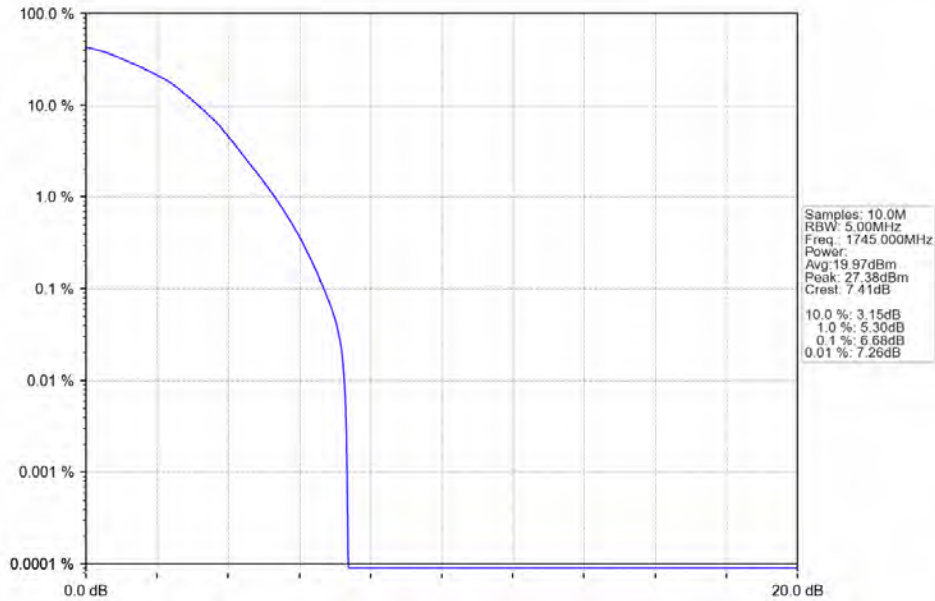
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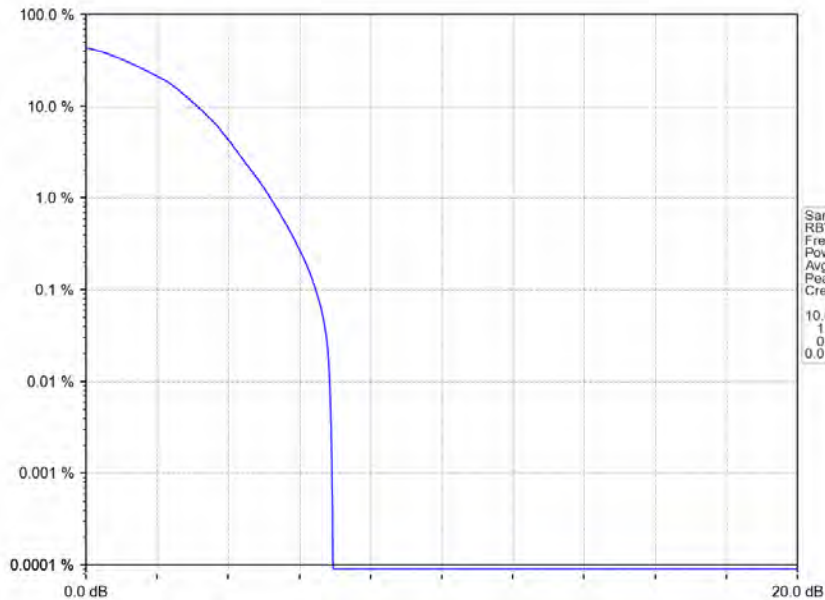
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Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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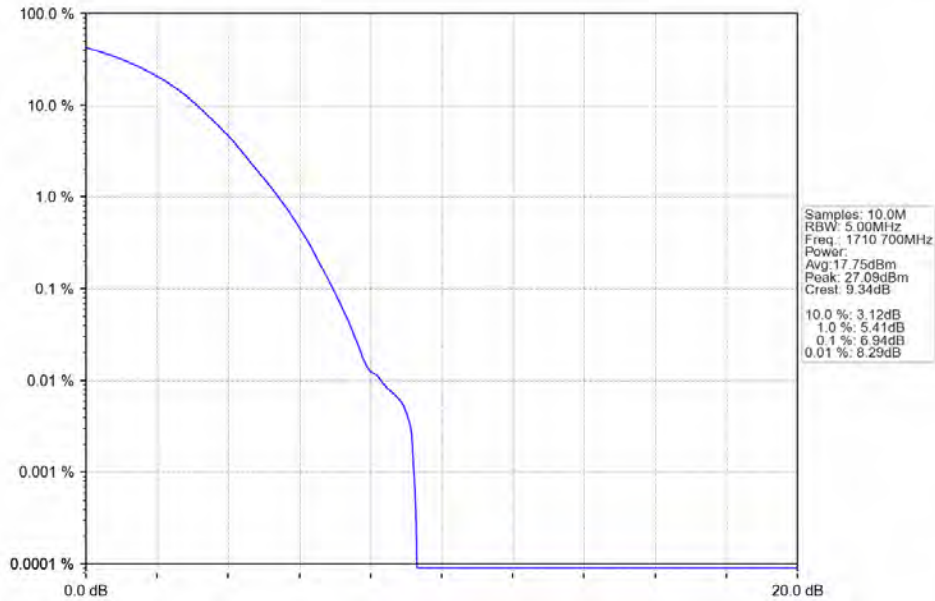
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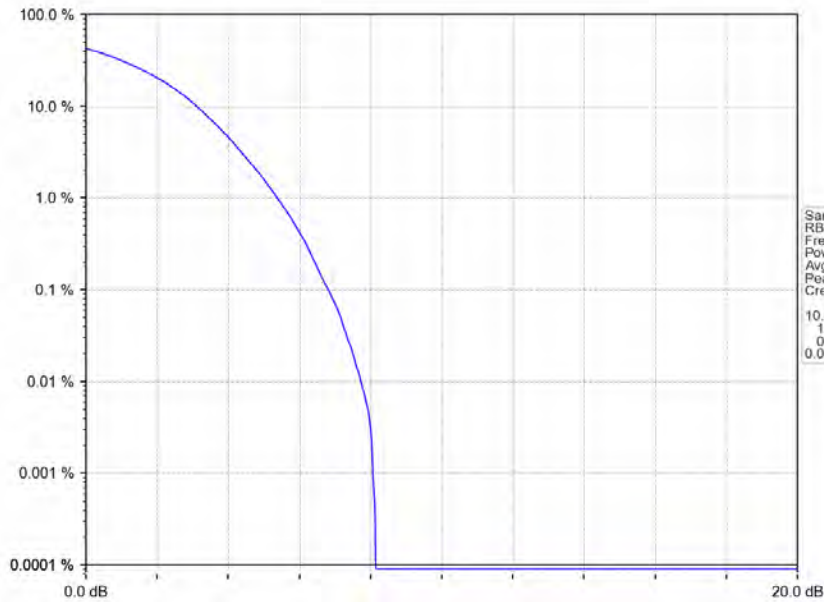
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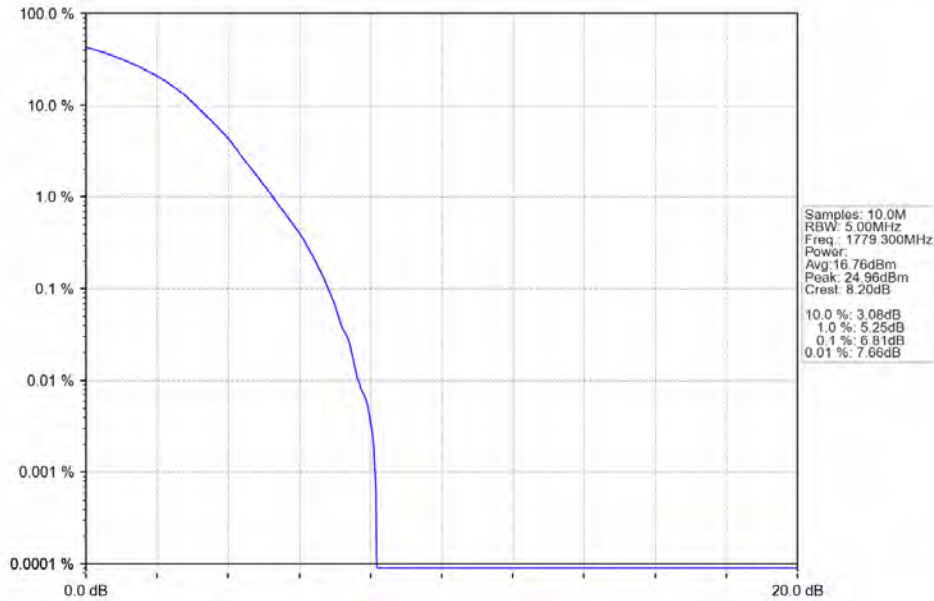
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5.2 B66_3MHz

5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.66	<=13	Pass
	1745	15	0	4.71	<=13	Pass
	1778.5	15	0	4.55	<=13	Pass
16QAM	1711.5	15	0	6.05	<=13	Pass
	1745	15	0	6.12	<=13	Pass
	1778.5	15	0	5.88	<=13	Pass
64QAM	1711.5	15	0	6.59	<=13	Pass
	1745	15	0	6.65	<=13	Pass
	1778.5	15	0	6.48	<=13	Pass
256QAM	1711.5	15	0	6.83	<=13	Pass
	1745	15	0	6.83	<=13	Pass
	1778.5	15	0	6.77	<=13	Pass



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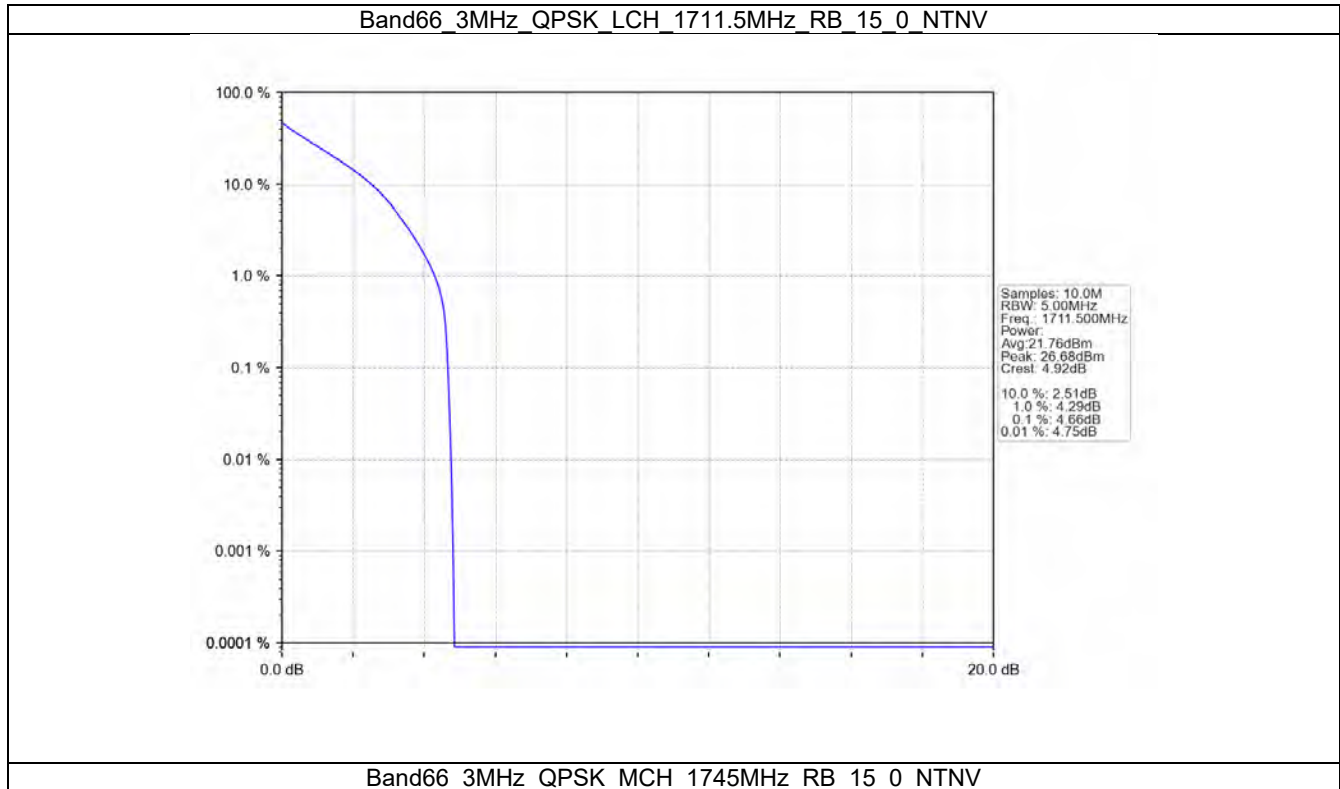
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5.2.2 Test Graph



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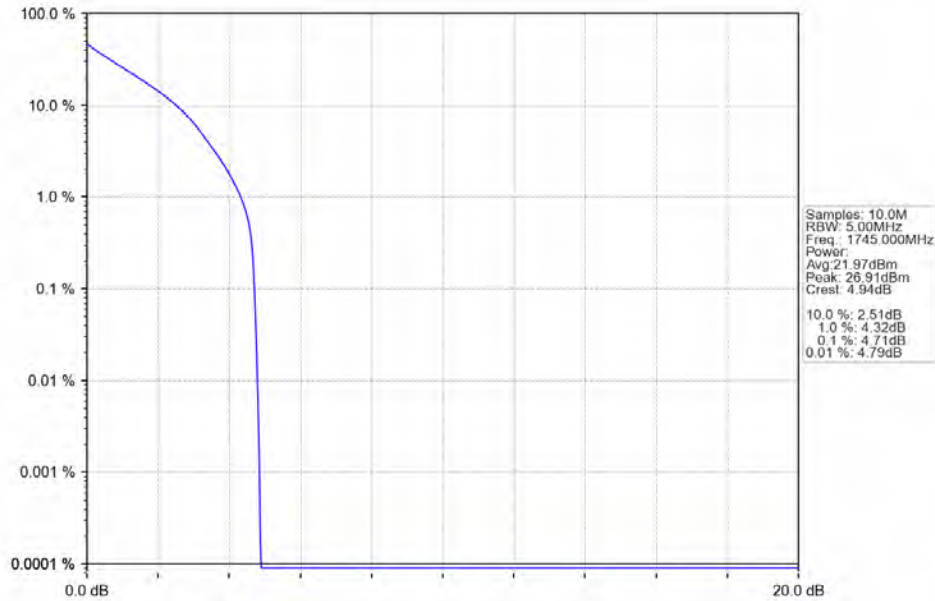
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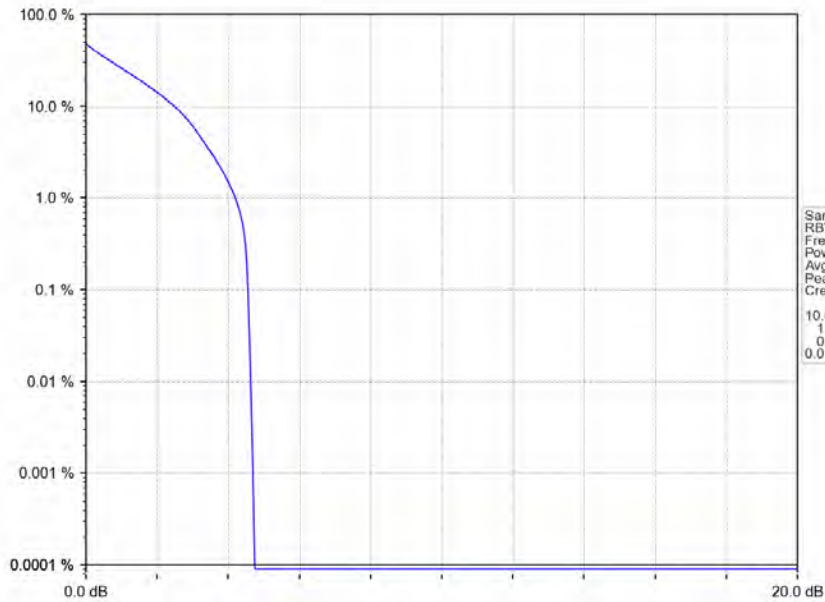
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Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq: 1778.500MHz
Power:
Avg: 20.79dBm
Peak: 25.58dBm
Crest: 4.79dB
10.0%: 2.48dB
1.0%: 4.20dB
0.1%: 4.55dB
0.01%: 4.63dB

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



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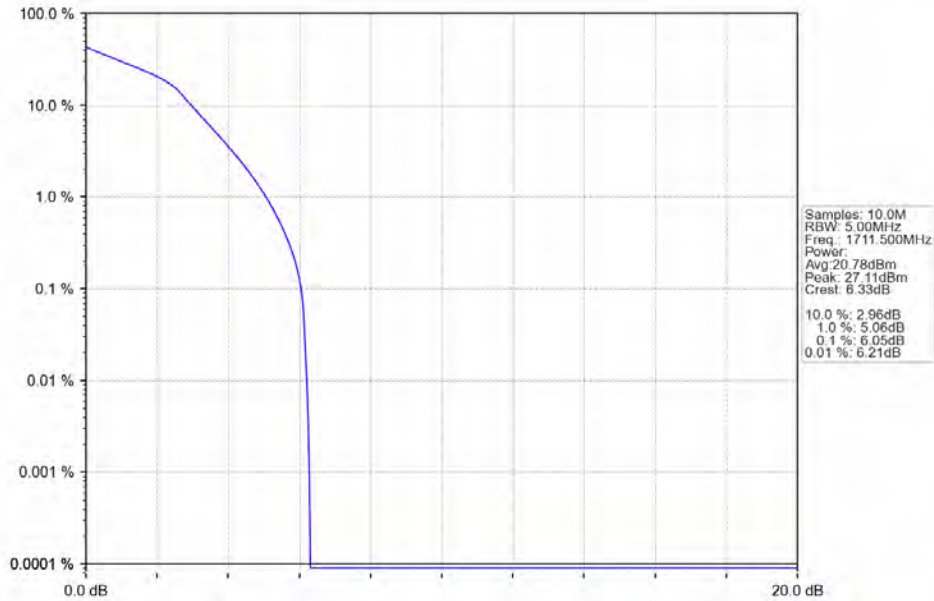
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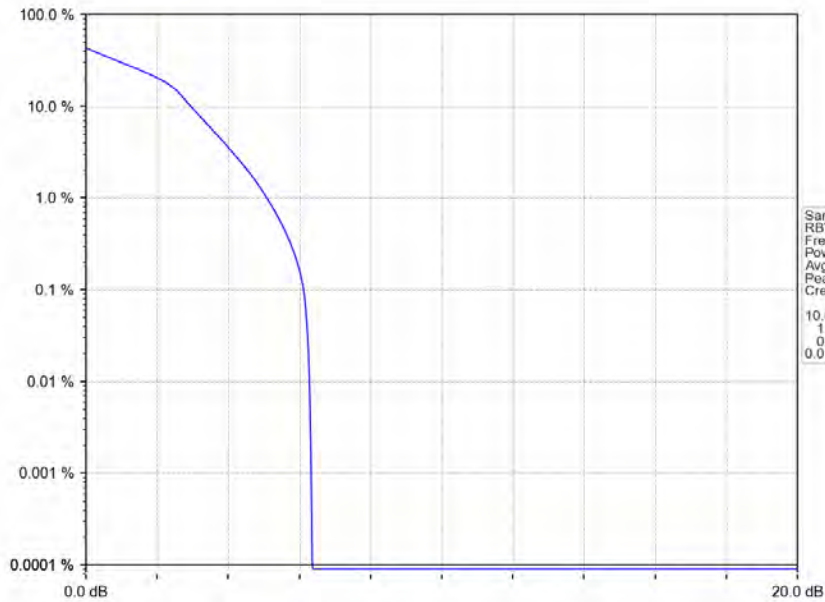
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Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



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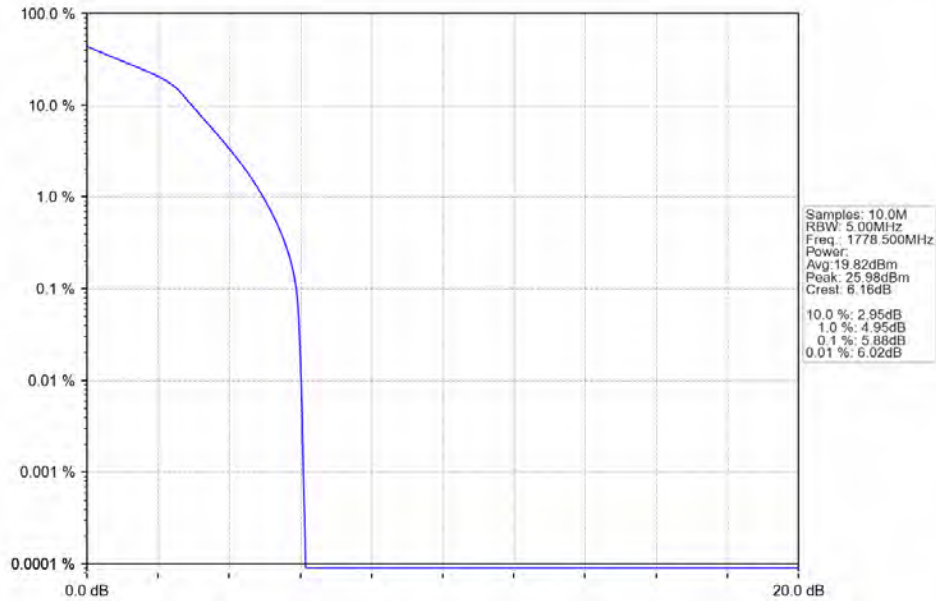
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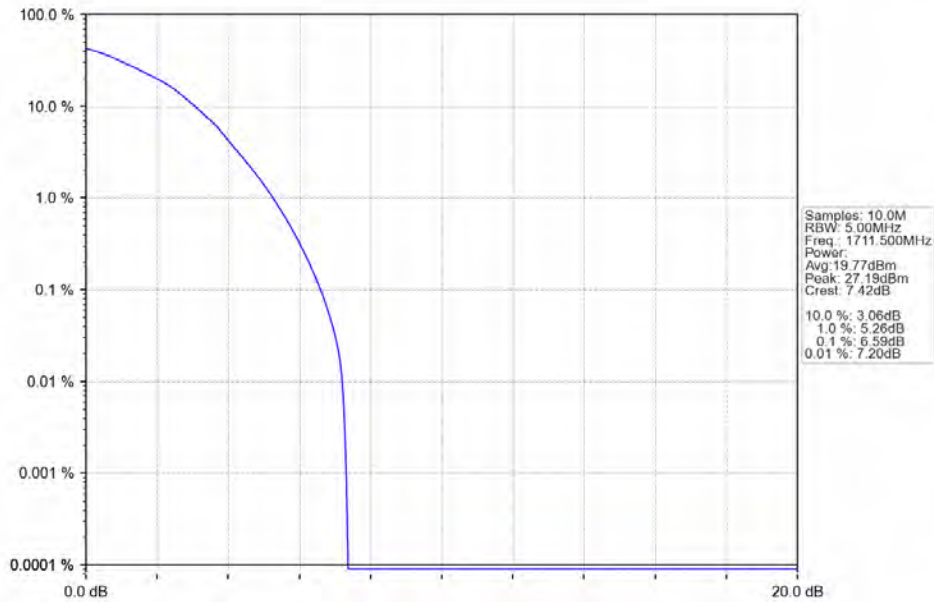
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Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



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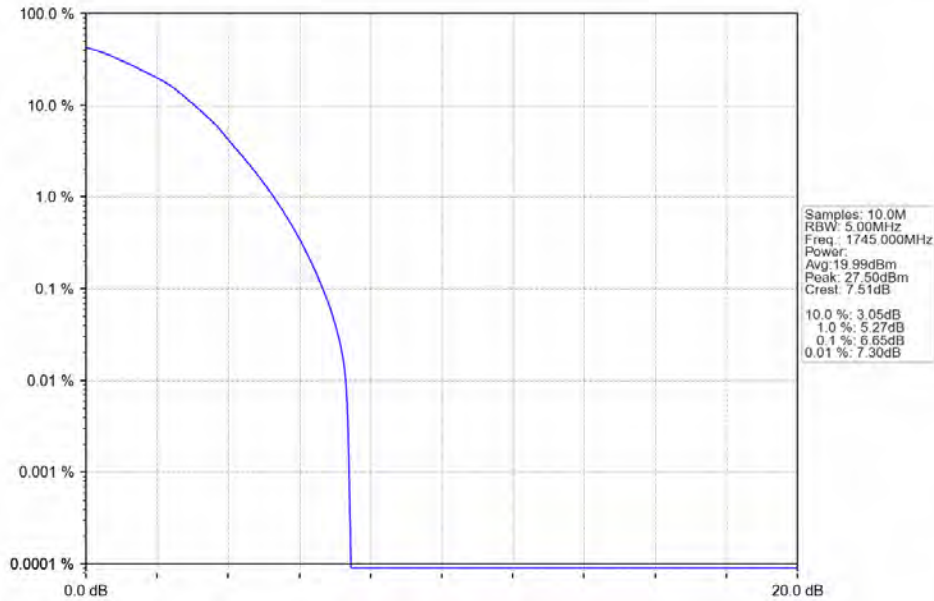
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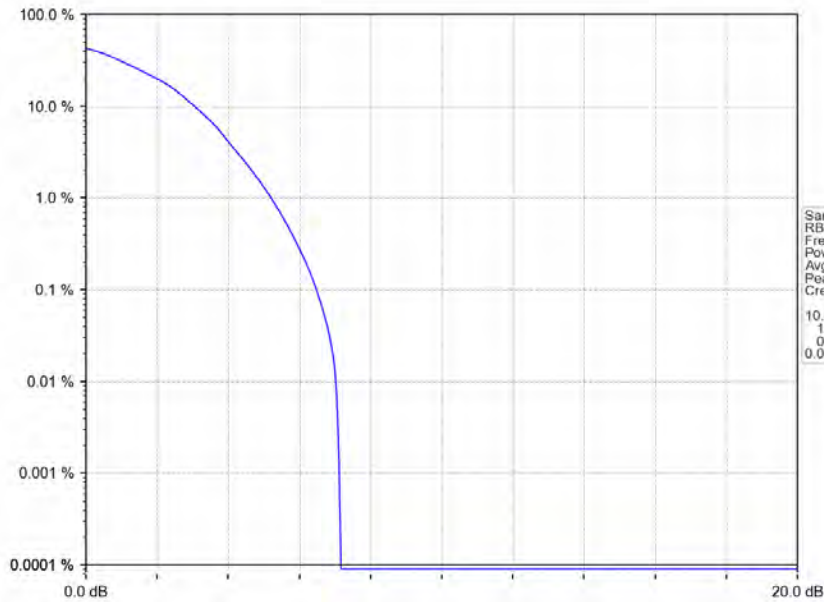
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Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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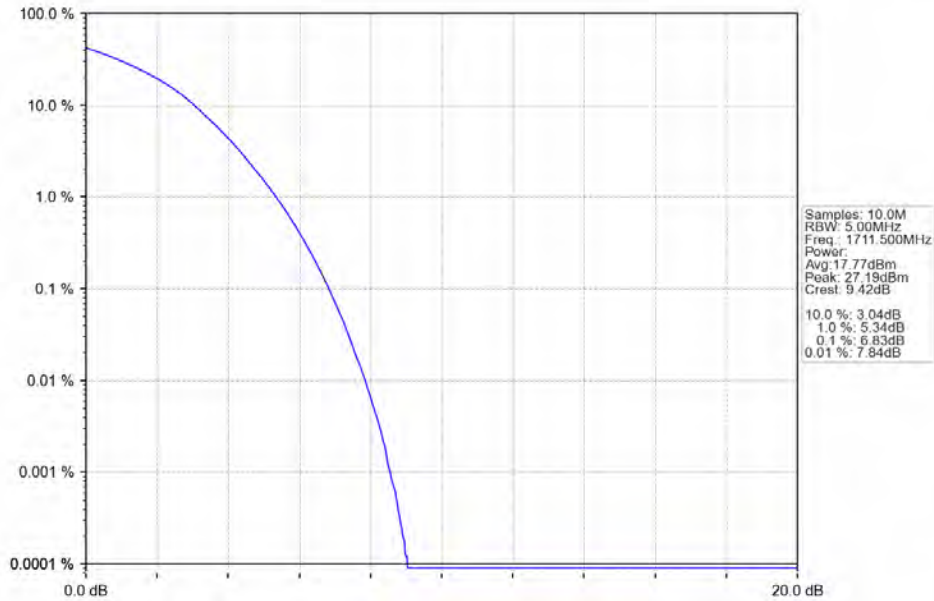
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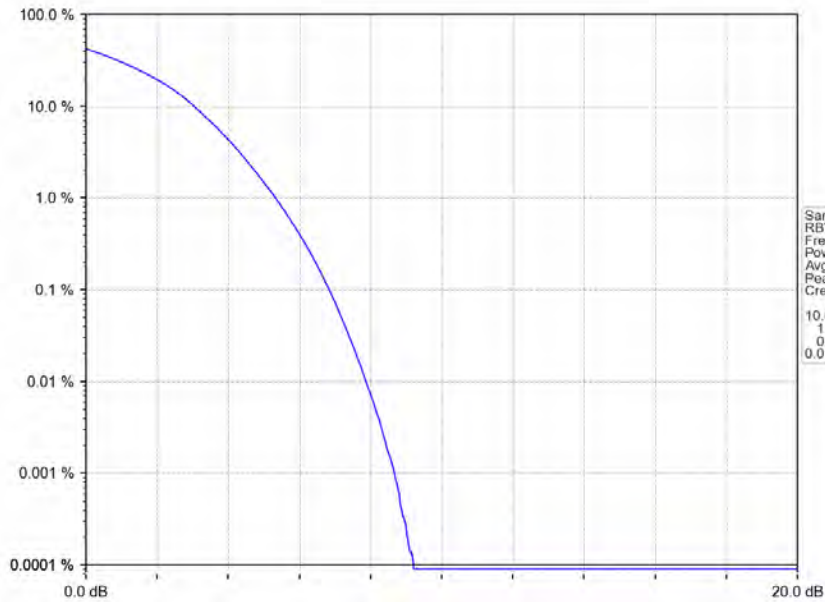
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Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



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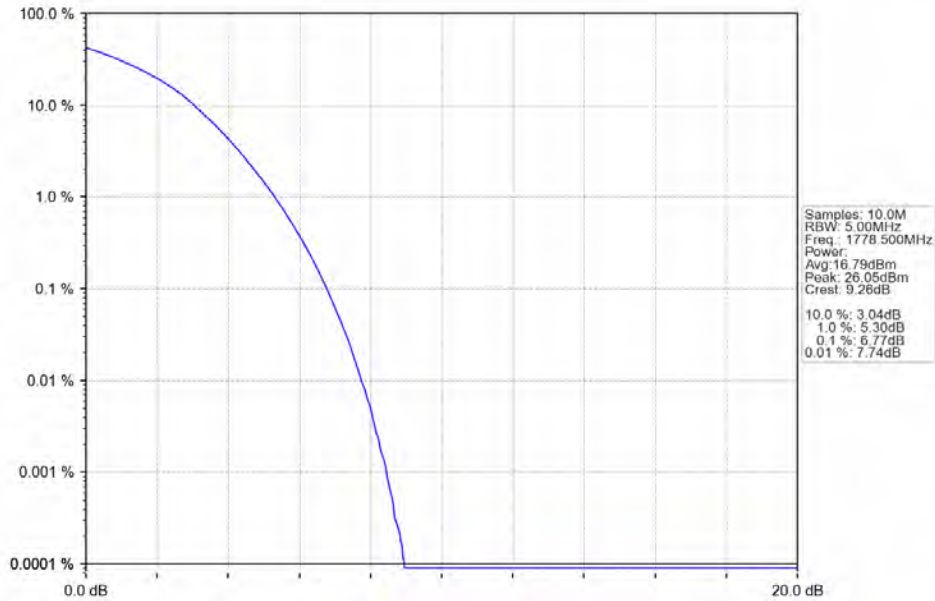
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5.3 B66_5MHz

5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.81	<=13	Pass
	1745	25	0	4.87	<=13	Pass
	1777.5	25	0	4.78	<=13	Pass
16QAM	1712.5	25	0	5.89	<=13	Pass
	1745	25	0	5.93	<=13	Pass
	1777.5	25	0	5.83	<=13	Pass
64QAM	1712.5	25	0	10.48	<=13	Pass
	1745	25	0	10.60	<=13	Pass
	1777.5	25	0	10.41	<=13	Pass
256QAM	1712.5	25	0	6.78	<=13	Pass
	1745	25	0	6.78	<=13	Pass
	1777.5	25	0	6.75	<=13	Pass



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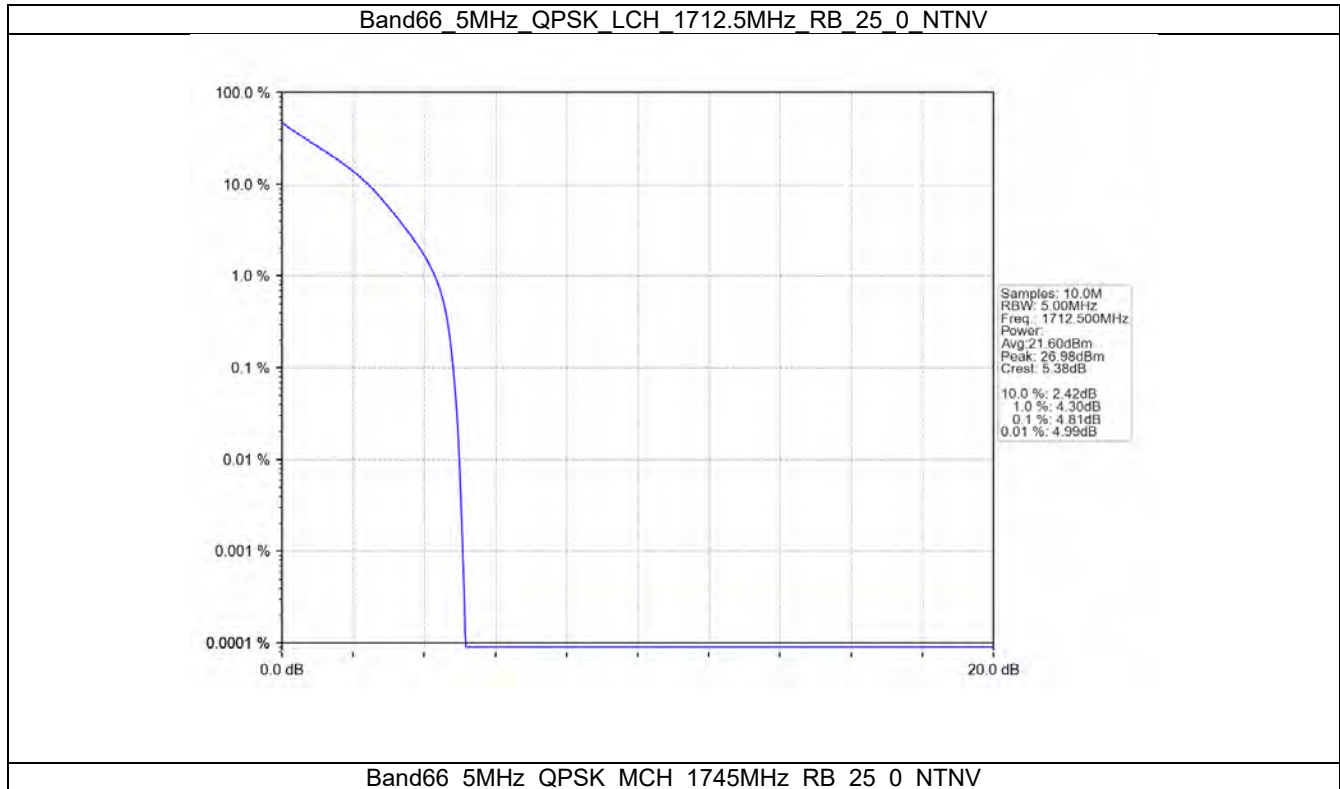
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5.3.2 Test Graph



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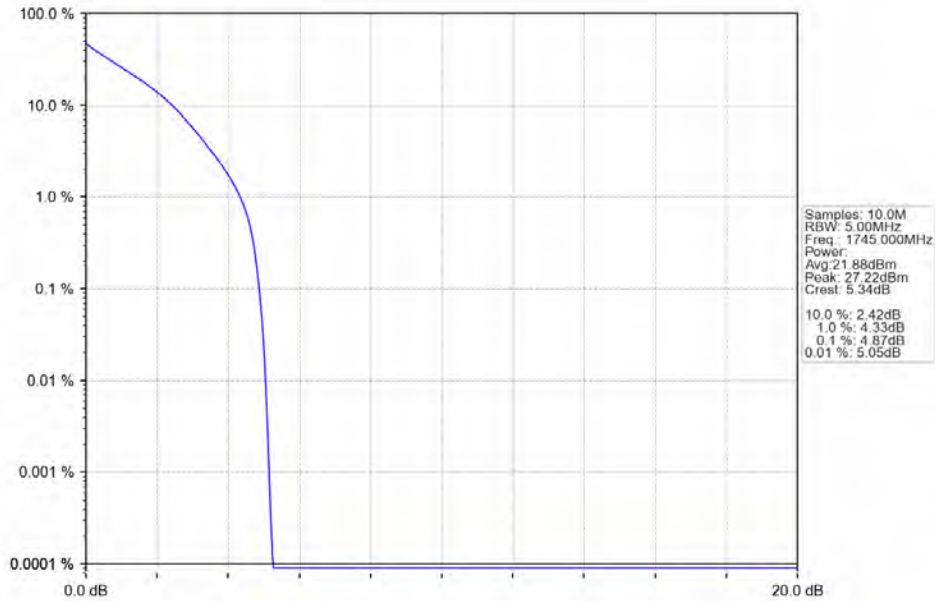
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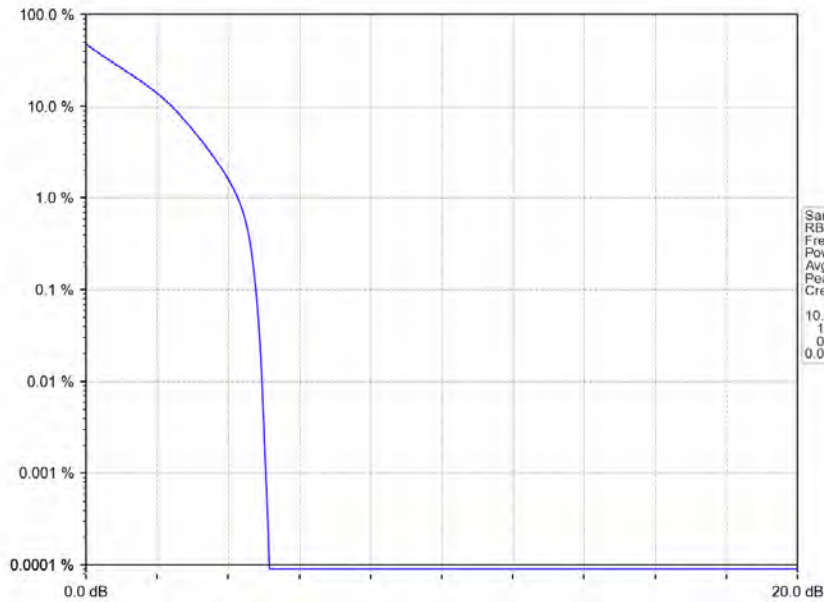
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Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTN



Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTN



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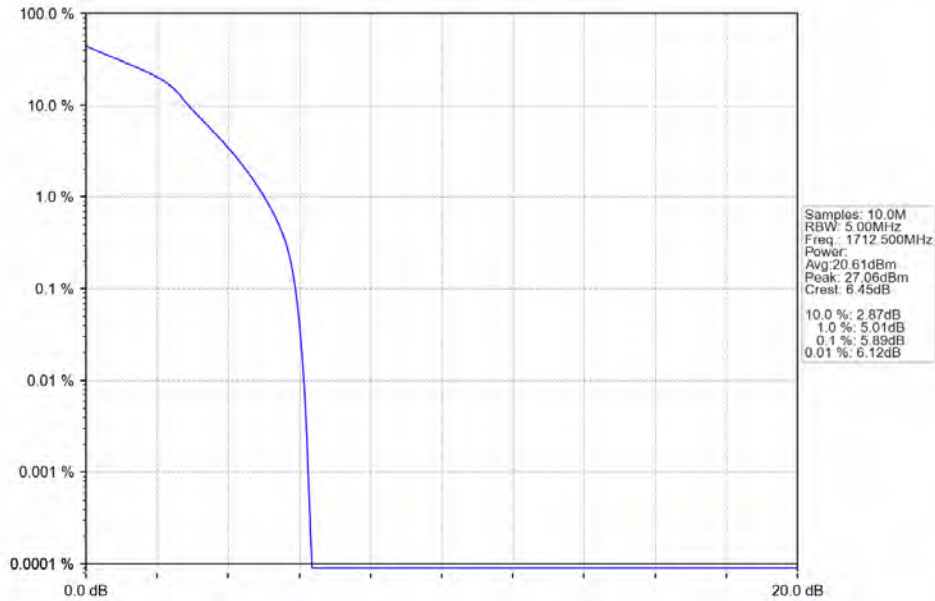
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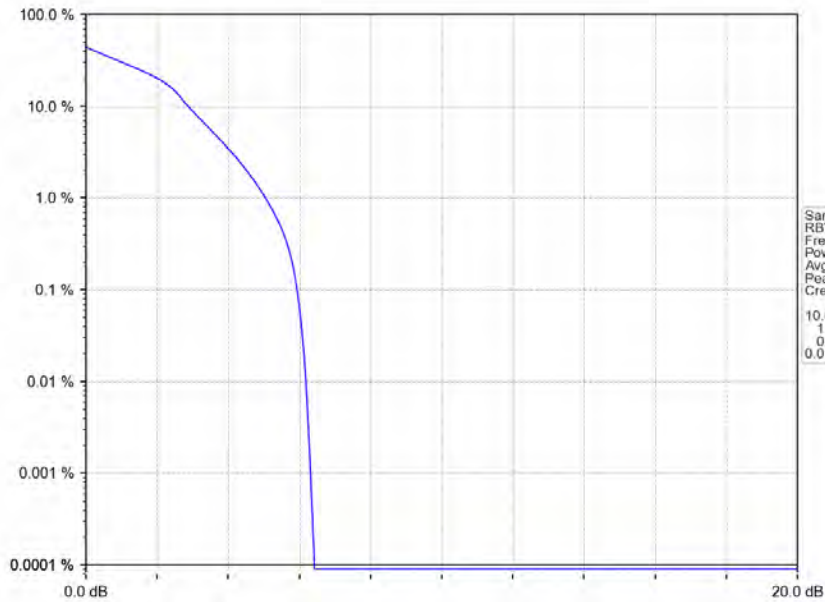
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Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



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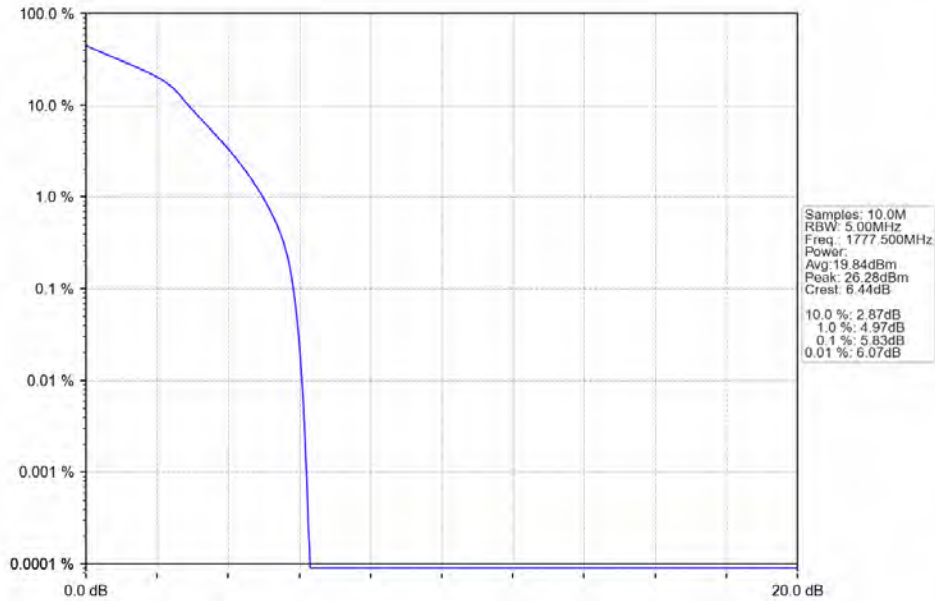
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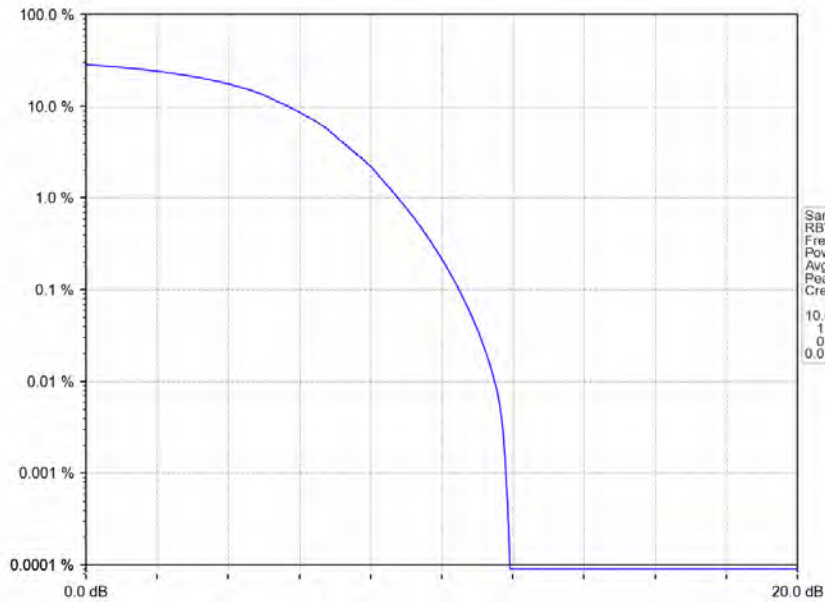
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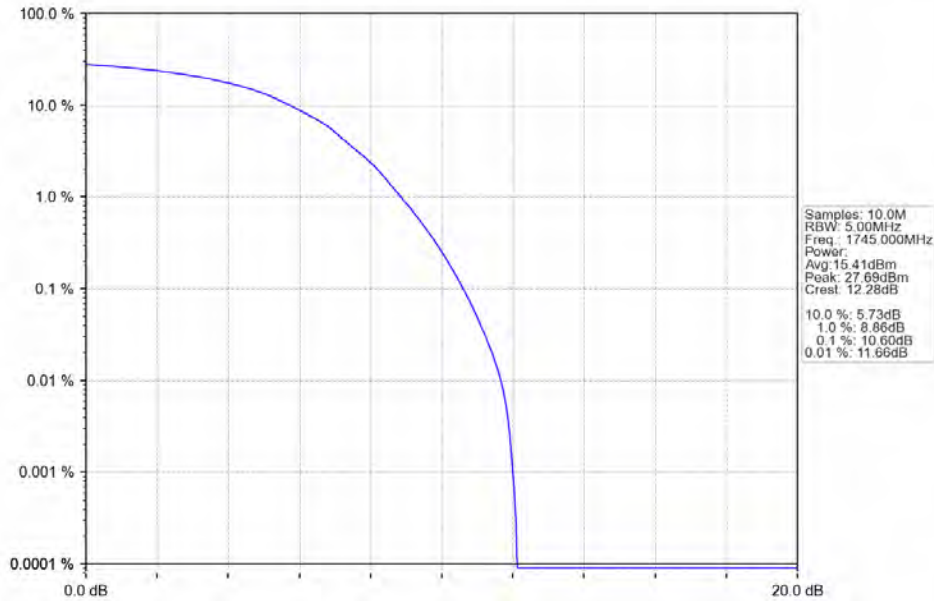
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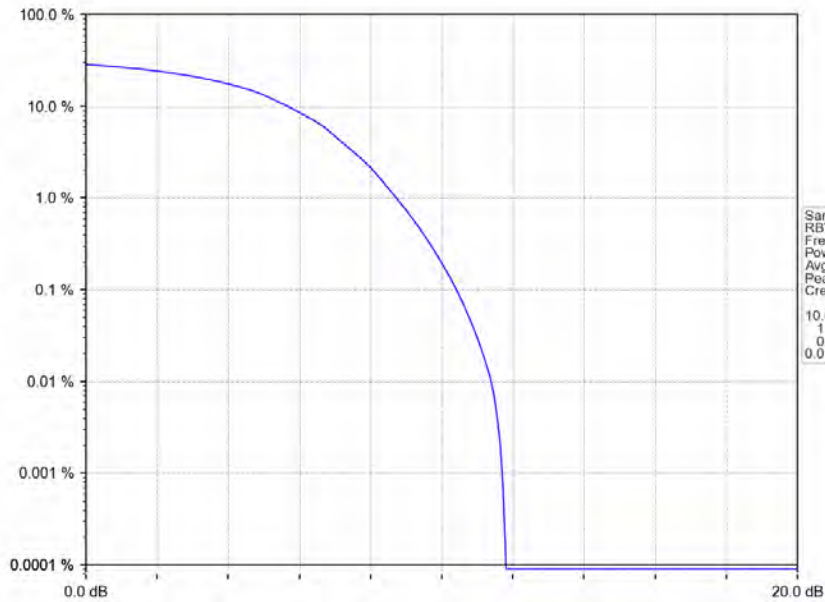
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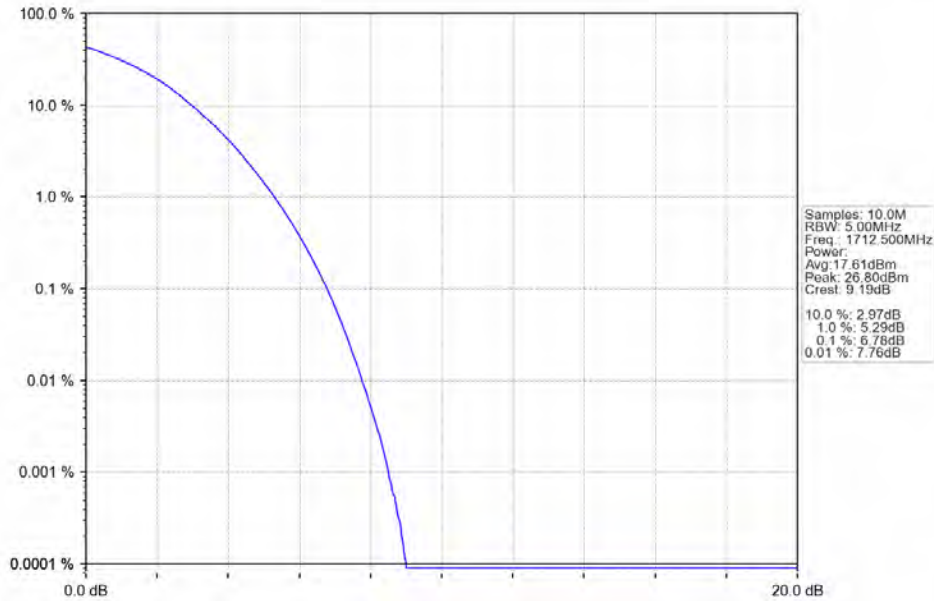
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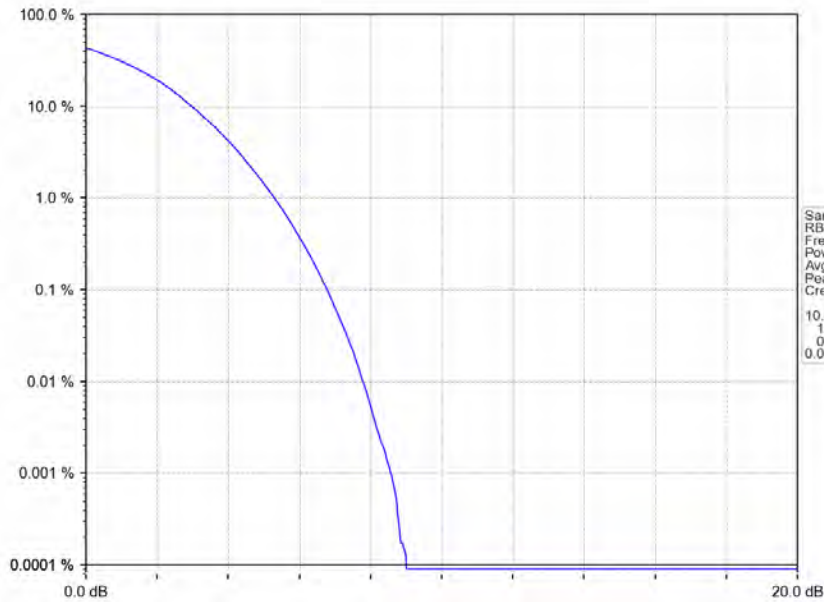
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Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



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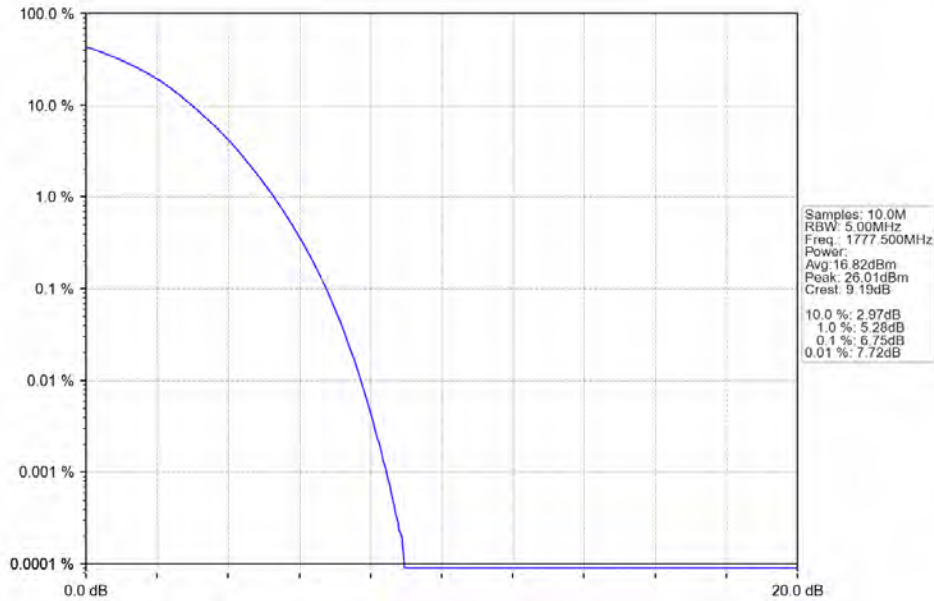
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5.4 B66_10MHz

5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.77	<=13	Pass
	1745	50	0	4.84	<=13	Pass
	1775	50	0	4.82	<=13	Pass
16QAM	1715	50	0	5.84	<=13	Pass
	1745	50	0	5.93	<=13	Pass
	1775	50	0	5.88	<=13	Pass
64QAM	1715	50	0	6.47	<=13	Pass
	1745	50	0	6.55	<=13	Pass
	1775	50	0	12.21	<=13	Pass
256QAM	1715	50	0	6.73	<=13	Pass
	1745	50	0	6.75	<=13	Pass
	1775	50	0	6.75	<=13	Pass



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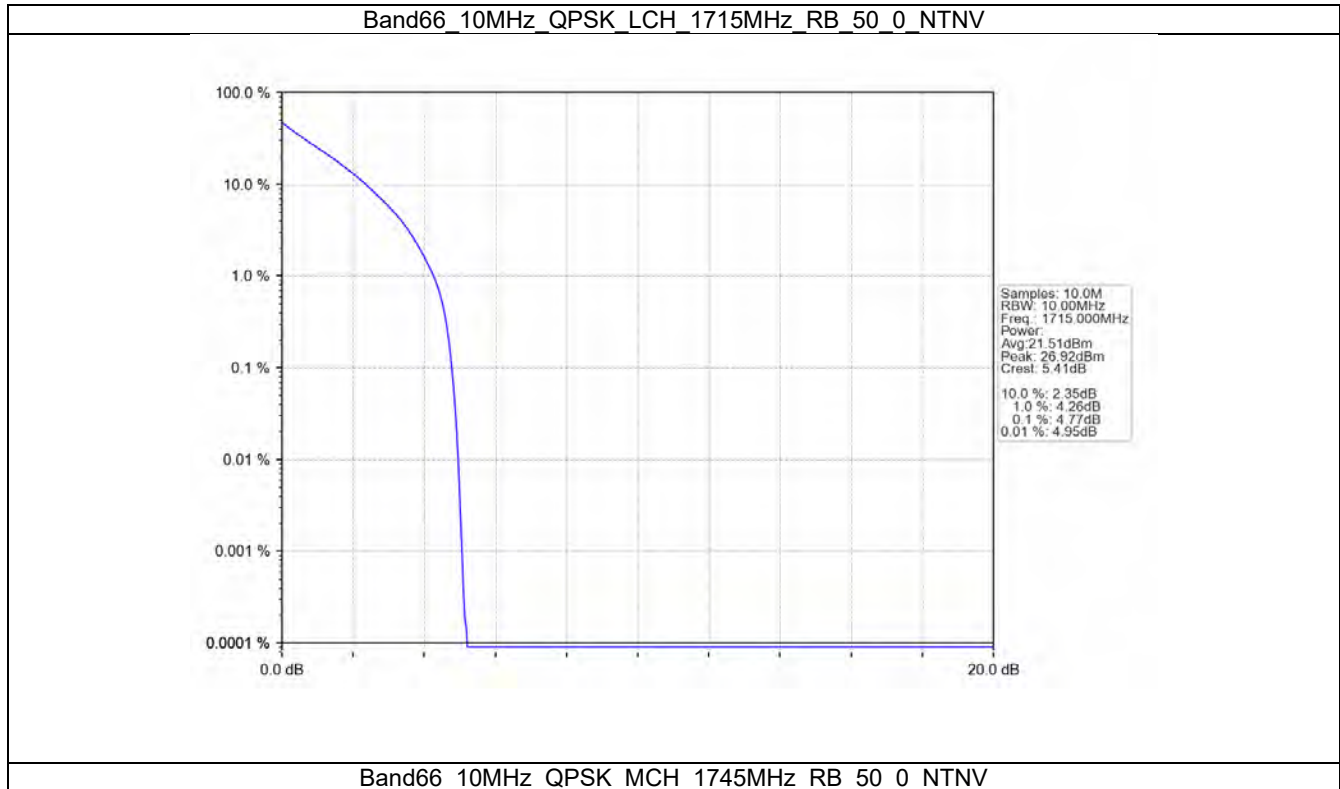
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5.4.2 Test Graph



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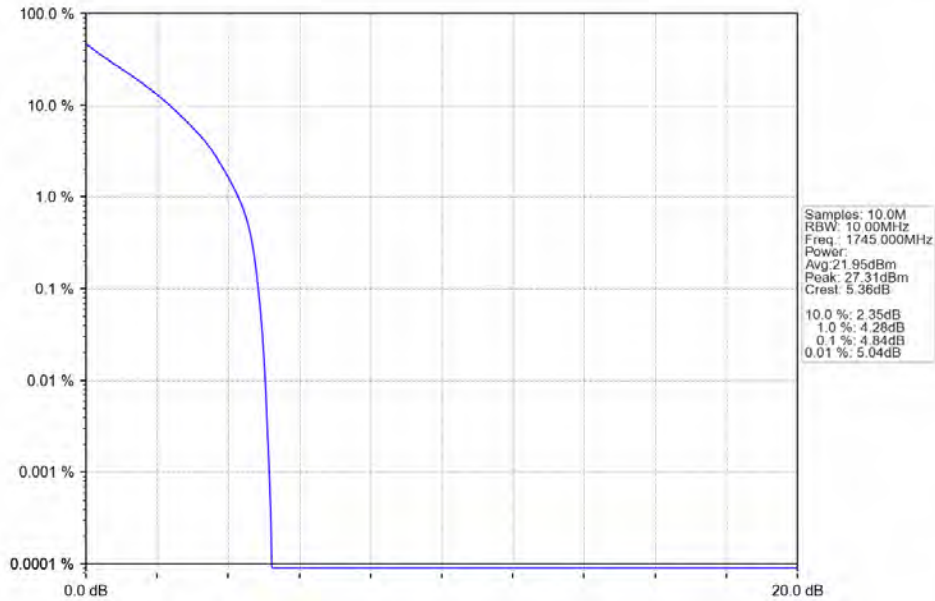
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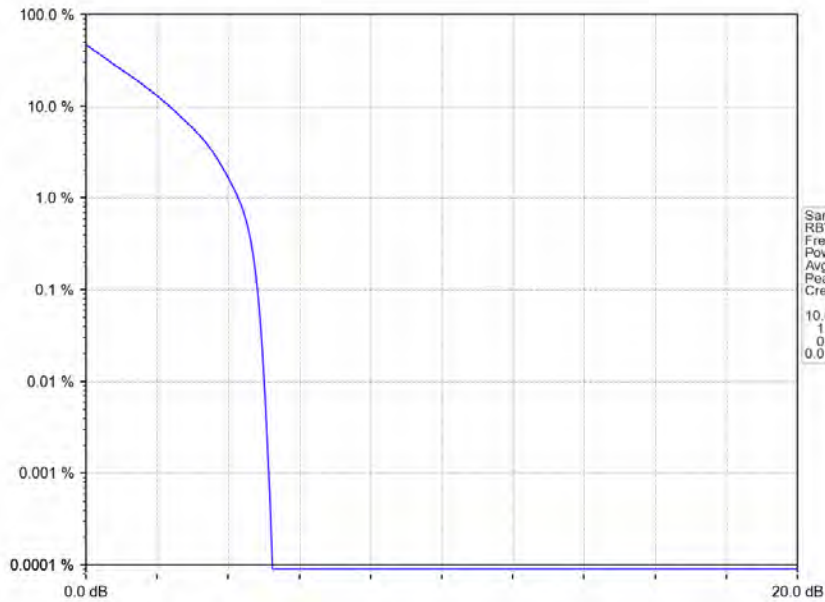
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Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq: 1775.000MHz
Power:
Avg: 21.00dBm
Peak: 26.30dBm
Crest: 5.30dB
10.0 %: 2.34dB
1.0 %: 4.28dB
0.1 %: 4.82dB
0.01 %: 5.01dB

Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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