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Appendix B.8

LTE Band 12



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.77	21.42	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.9	21.55	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.72	21.37	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.87	20.52	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.7	21.35	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.92	21.57	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.76	21.41	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.75	20.4	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.71	21.36	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.8	21.45	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.69	21.34	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.79	20.44	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.08	20.73	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.9	20.55	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.92	20.57	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.87	19.52	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.77	20.42	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.05	20.7	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.79	20.44	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.78	19.43	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.92	20.57	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.83	20.48	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.85	20.5	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.84	19.49	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.83	19.48	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22	19.65	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.78	19.43	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.88	18.53	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.24	19.89	34.77	PASS



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Band12	1.4MHz	64QAM	23095	1RB#2	21.91	19.56	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.89	19.54	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.88	18.53	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.88	19.53	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.83	19.48	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.94	19.59	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.85	18.5	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.8	16.45	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	18.94	16.59	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18.72	16.37	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	18.77	16.42	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.71	16.36	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	18.96	16.61	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	18.93	16.58	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.78	16.43	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.97	16.62	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	19.05	16.7	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.74	16.39	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.84	16.49	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.71	21.36	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.91	21.56	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.58	21.23	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.87	20.52	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.71	21.36	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.9	21.55	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.7	21.35	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.74	20.39	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.68	21.33	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.89	21.54	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.76	21.41	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.79	20.44	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.8	20.45	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.07	20.72	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.79	20.44	34.77	PASS



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Band12	3MHz	16QAM	23025	15RB#0	21.83	19.48	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.93	20.58	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.79	20.44	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.95	20.6	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.81	19.46	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.88	20.53	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.9	20.55	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.83	20.48	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.76	19.41	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.01	19.66	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.94	19.59	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.84	19.49	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.87	18.52	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.09	19.74	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.92	19.57	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.8	19.45	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.76	18.41	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22	19.65	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22	19.65	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.78	19.43	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.79	18.44	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.83	16.48	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.95	16.6	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	18.88	16.53	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.81	16.46	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.87	16.52	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.86	16.51	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.89	16.54	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.84	16.49	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.92	16.57	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.98	16.63	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.88	16.53	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	18.82	16.47	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.81	21.46	34.77	PASS



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Band12	5MHz	QPSK	23035	1RB#24	23.68	21.33	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.8	20.45	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.65	20.3	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.78	21.43	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.73	21.38	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.73	20.38	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.85	20.5	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.82	21.47	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.88	21.53	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.75	20.4	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.98	20.63	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.92	20.57	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.77	20.42	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.81	19.46	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.78	20.43	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.01	20.66	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.78	20.43	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.87	19.52	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.97	20.62	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.94	20.59	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.88	20.53	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.77	19.42	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.86	19.51	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.09	19.74	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.82	19.47	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.81	18.46	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.06	19.71	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.95	19.6	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.96	19.61	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.81	18.46	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.99	19.64	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.05	19.7	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.87	19.52	34.77	PASS



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Band12	5MHz	256QAM	23035	1RB#0	18.82	16.47	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.74	16.39	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.75	16.4	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.81	16.46	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	19.12	16.77	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.05	16.7	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.9	16.55	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	18.81	16.46	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.81	16.46	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	18.98	16.63	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.8	16.45	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.74	16.39	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.76	21.41	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.7	21.35	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.76	21.41	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.8	20.45	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.06	20.71	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.8	21.45	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.7	21.35	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.8	20.45	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.67	21.32	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.74	21.39	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.58	21.23	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.73	20.38	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.85	20.5	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.9	20.55	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.77	20.42	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.87	19.52	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.1	20.75	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.9	20.55	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.77	20.42	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.84	19.49	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.03	20.68	34.77	PASS



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Band12	10MHz	16QAM	23130	1RB#24	22.94	20.59	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.02	20.67	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.74	19.39	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.85	19.5	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.99	19.64	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.01	19.66	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.95	18.6	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.02	19.67	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.95	19.6	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.09	19.74	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.78	18.43	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.87	19.52	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.94	19.59	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.83	19.48	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.7	18.35	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	18.88	16.53	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.82	16.47	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.87	16.52	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.8	16.45	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	18.86	16.51	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.96	16.61	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	18.85	16.5	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	18.76	16.41	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.93	16.58	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.93	16.58	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.88	16.53	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.83	16.48	34.77	PASS



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2. Frequency Stability

2.4 B12_10MHz

2.4.1 Test Result

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.135	0.916	0.0013	/	Pass
					3.7	1.081	0.0015	/	Pass
					4.4	-0.001	0.0000	/	Pass
				-30	3.7	0.826	0.0012	/	Pass
				-20	3.7	-0.939	-0.0013	/	Pass
				-10	3.7	0.897	0.0013	/	Pass
				0	3.7	0.142	0.0002	/	Pass
				10	3.7	-0.751	-0.0011	/	Pass
				30	3.7	-0.141	-0.0002	/	Pass
				40	3.7	0.412	0.0006	/	Pass
				50	3.7	1.120	0.0016	/	Pass
	707.5	50	0	20	3.135	0.254	0.0004	/	Pass
					3.7	-0.464	-0.0007	/	Pass
					4.4	-0.753	-0.0011	/	Pass
				-30	3.7	-0.309	-0.0004	/	Pass
				-20	3.7	1.048	0.0015	/	Pass
				-10	3.7	1.136	0.0016	/	Pass
				0	3.7	-0.246	-0.0003	/	Pass
				10	3.7	0.178	0.0003	/	Pass
				30	3.7	0.594	0.0008	/	Pass
				40	3.7	-0.609	-0.0009	/	Pass
				50	3.7	-0.233	-0.0003	/	Pass
	711	50	0	20	3.135	-0.192	-0.0003	/	Pass
					3.7	-0.330	-0.0005	/	Pass
					4.4	-0.373	-0.0005	/	Pass
				-30	3.7	-1.569	-0.0022	/	Pass
				-20	3.7	0.463	0.0007	/	Pass
				-10	3.7	-0.761	-0.0011	/	Pass
				0	3.7	-0.896	-0.0013	/	Pass
				10	3.7	-0.888	-0.0012	/	Pass
				30	3.7	-1.039	-0.0015	/	Pass
				40	3.7	-0.277	-0.0004	/	Pass
				50	3.7	0.000	0.0000	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = LTE_B12

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	63.85	-53.86	25.80	-59.47	-13.00	46.47	Horizontal
2	1679.5	54.30	-53.18	25.84	-68.30	-13.00	55.30	Horizontal
3	2098.5	64.50	-52.59	27.49	-55.86	-13.00	42.86	Horizontal
4	3132.5	52.76	-50.22	30.23	-62.49	-13.00	49.49	Horizontal
5	4818.5	51.97	-44.58	32.55	-55.32	-13.00	42.32	Horizontal
6	7975.5	50.39	-42.18	37.45	-49.60	-13.00	36.60	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1436	54.88	-53.63	25.73	-68.28	-13.00	55.28	Vertical
2	1771.5	60.65	-53.16	25.59	-62.18	-13.00	49.18	Vertical
3	2099	55.18	-52.59	27.49	-65.18	-13.00	52.18	Vertical
4	3162.5	52.72	-50.11	30.33	-62.32	-13.00	49.32	Vertical
5	4835	51.62	-44.71	32.68	-55.67	-13.00	42.67	Vertical
6	6888.5	50.21	-43.47	36.18	-52.34	-13.00	39.34	Vertical



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Test Band = LTE_B12
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406	61.93	-53.82	25.79	-61.36	-13.00	48.36	Horizontal
2	2109.5	67.87	-52.60	27.48	-52.51	-13.00	39.51	Horizontal
3	2859.5	53.07	-50.56	28.94	-63.81	-13.00	50.81	Horizontal
4	4546.5	52.02	-46.22	32.08	-57.38	-13.00	44.38	Horizontal
5	6095.5	50.73	-44.34	34.49	-54.38	-13.00	41.38	Horizontal
6	9470	49.58	-39.56	39.08	-46.16	-13.00	33.16	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1412	54.90	-53.78	25.78	-68.36	-13.00	55.36	Vertical
2	2109.5	55.54	-52.60	27.48	-64.84	-13.00	51.84	Vertical
3	2866	53.28	-50.60	28.96	-63.62	-13.00	50.62	Vertical
4	4367	51.73	-46.60	32.00	-58.13	-13.00	45.13	Vertical
5	6543	49.91	-44.16	35.19	-54.32	-13.00	41.32	Vertical
6	8548	48.70	-40.78	39.05	-48.29	-13.00	35.29	Vertical



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Test Band = LTE_B12
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413	63.27	-53.78	25.77	-60.00	-13.00	47.00	Horizontal
2	1772	58.29	-53.16	25.59	-64.54	-13.00	51.54	Horizontal
3	2120	70.01	-52.61	27.46	-50.40	-13.00	37.40	Horizontal
4	2661	53.97	-51.52	28.34	-64.47	-13.00	51.47	Horizontal
5	3586.5	53.04	-49.43	30.17	-61.48	-13.00	48.48	Horizontal
6	5118.5	51.66	-44.71	33.54	-54.77	-13.00	41.77	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1145.5	54.99	-53.61	25.89	-67.99	-13.00	54.99	Vertical
2	2119.5	56.07	-52.61	27.46	-64.34	-13.00	51.34	Vertical
3	2863	53.40	-50.58	28.95	-63.49	-13.00	50.49	Vertical
4	3997.5	52.16	-48.14	31.09	-60.15	-13.00	47.15	Vertical
5	5606.5	51.34	-45.06	33.39	-55.59	-13.00	42.59	Vertical
6	9001	49.18	-40.27	38.80	-47.55	-13.00	34.55	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 Band12_OBW

4.1.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.132	/	Pass
		707.5	6	0	1.121	/	Pass
		715.3	6	0	1.126	/	Pass
	16QAM	699.7	6	0	1.126	/	Pass
		707.5	6	0	1.138	/	Pass
		715.3	6	0	1.126	/	Pass
	64QAM	699.7	6	0	1.134	/	Pass
		707.5	6	0	1.116	/	Pass
		715.3	6	0	1.113	/	Pass
	256QAM	699.7	6	0	1.119	/	Pass
		707.5	6	0	1.115	/	Pass
		715.3	6	0	1.118	/	Pass
3	QPSK	700.5	15	0	2.748	/	Pass
		707.5	15	0	2.744	/	Pass
		714.5	15	0	2.752	/	Pass
	16QAM	700.5	15	0	2.742	/	Pass
		707.5	15	0	2.748	/	Pass
		714.5	15	0	2.742	/	Pass
	64QAM	700.5	15	0	2.764	/	Pass
		707.5	15	0	2.749	/	Pass
		714.5	15	0	2.739	/	Pass
	256QAM	700.5	15	0	2.748	/	Pass
		707.5	15	0	2.740	/	Pass
		714.5	15	0	2.757	/	Pass
5	QPSK	701.5	25	0	4.577	/	Pass
		707.5	25	0	4.556	/	Pass
		713.5	25	0	4.574	/	Pass
	16QAM	701.5	25	0	4.572	/	Pass
		707.5	25	0	4.584	/	Pass
		713.5	25	0	4.562	/	Pass
	64QAM	701.5	25	0	4.571	/	Pass
		707.5	25	0	4.562	/	Pass
		713.5	25	0	4.555	/	Pass
	256QAM	701.5	25	0	4.560	/	Pass
		707.5	25	0	4.567	/	Pass
		713.5	25	0	4.577	/	Pass
10	QPSK	704	50	0	9.047	/	Pass
		707.5	50	0	9.073	/	Pass
		711	50	0	9.086	/	Pass



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	16QAM	704	50	0	9.053	/	Pass
		707.5	50	0	9.051	/	Pass
		711	50	0	9.079	/	Pass
	64QAM	704	50	0	9.018	/	Pass
		707.5	50	0	9.047	/	Pass
		711	50	0	9.078	/	Pass
	256QAM	704	50	0	9.021	/	Pass
		707.5	50	0	9.058	/	Pass
		711	50	0	9.043	/	Pass



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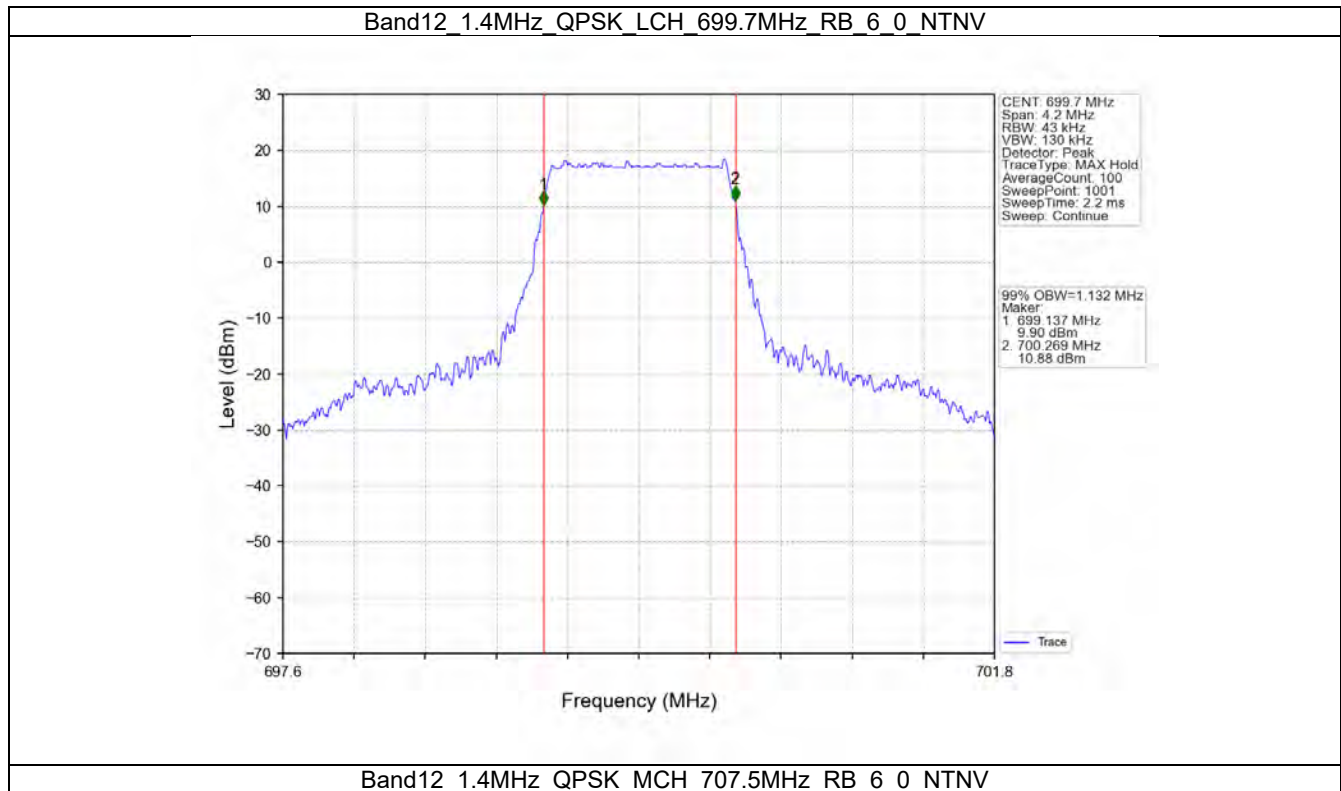
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4.1.2 Test Graph



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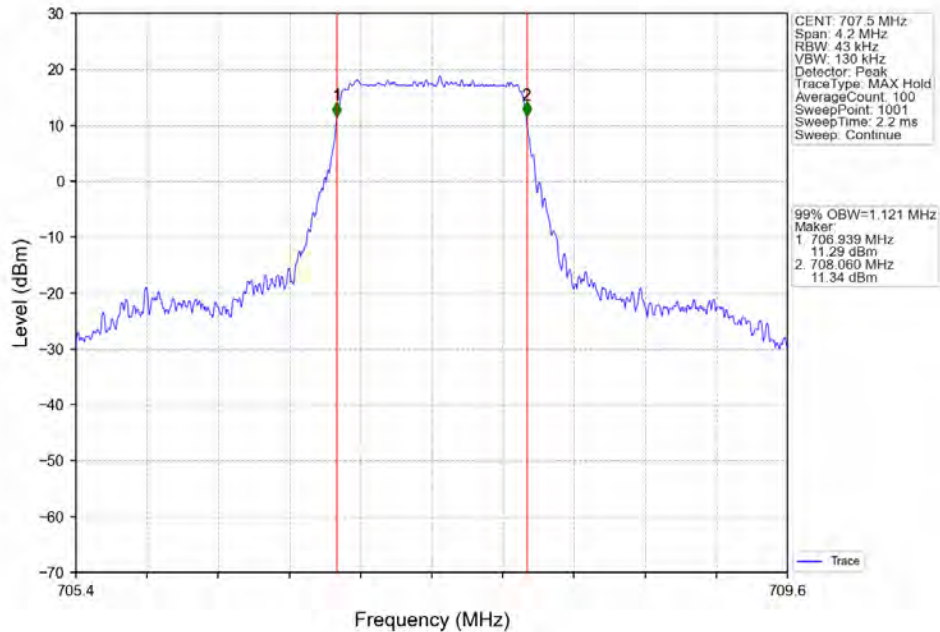
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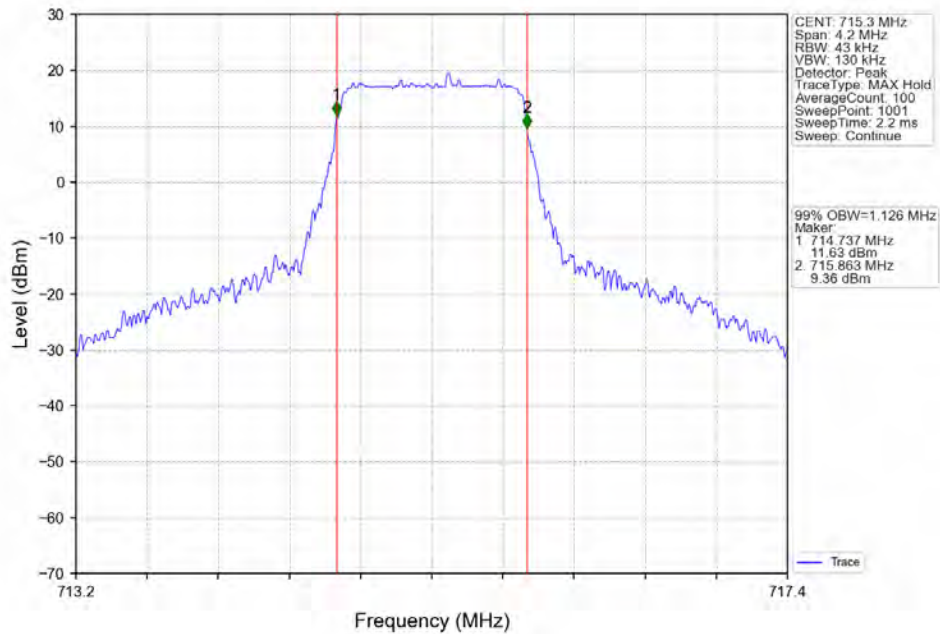
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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



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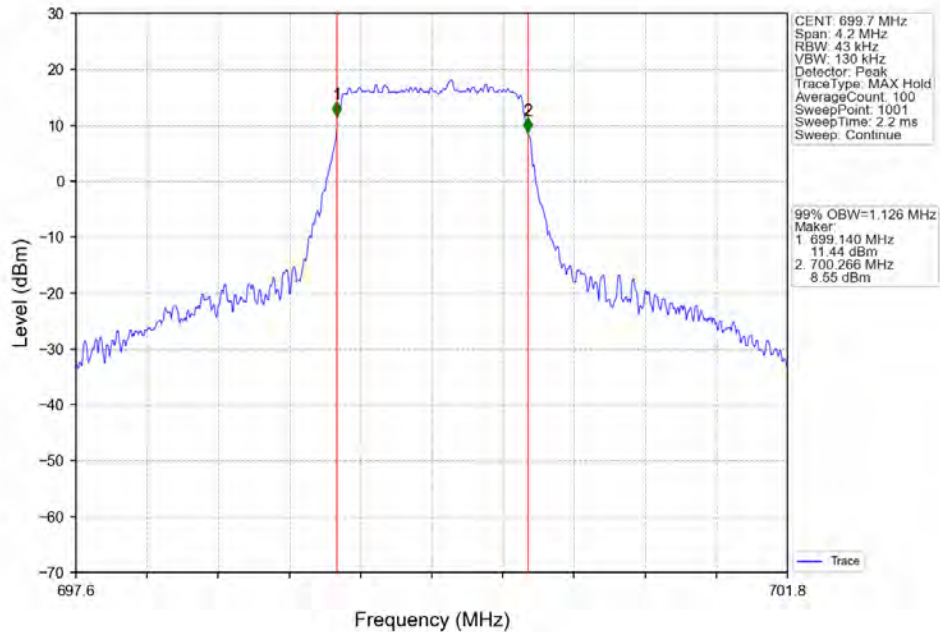
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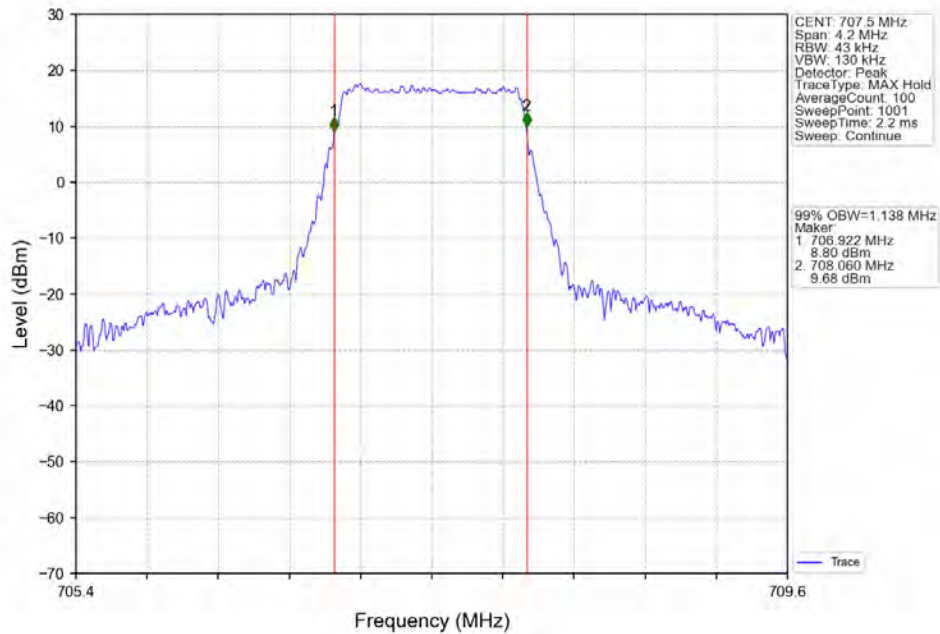
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Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



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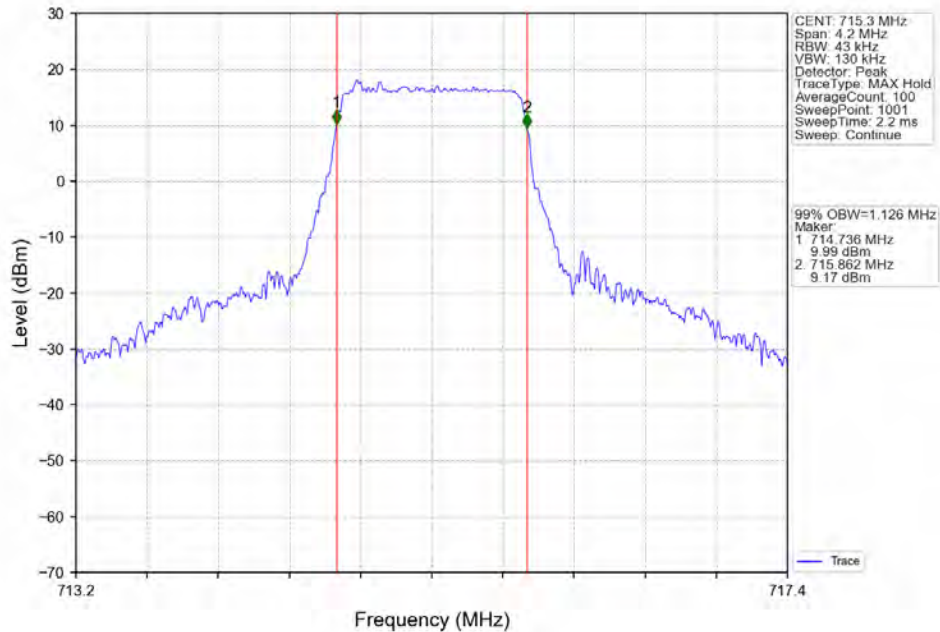
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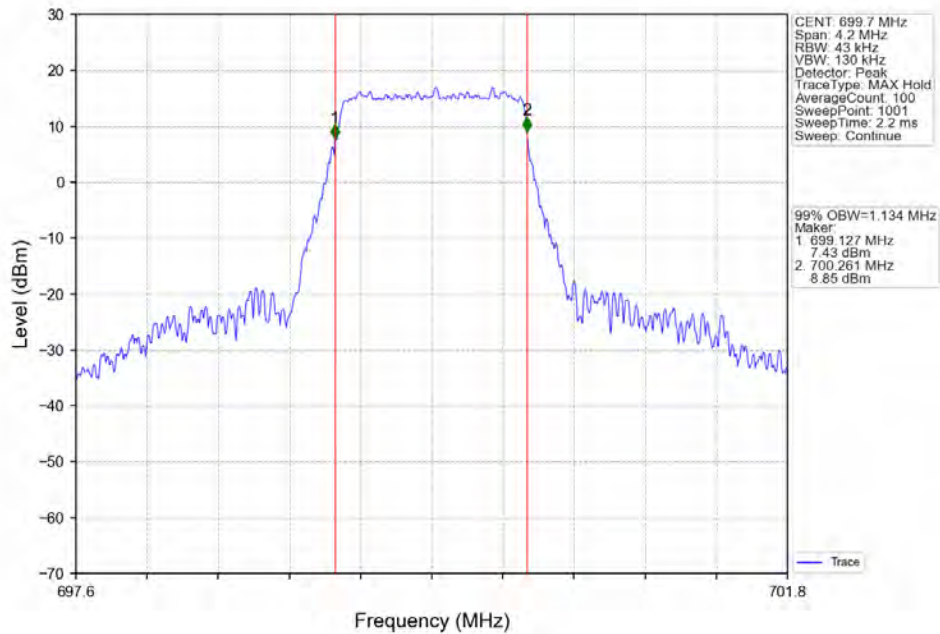
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Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



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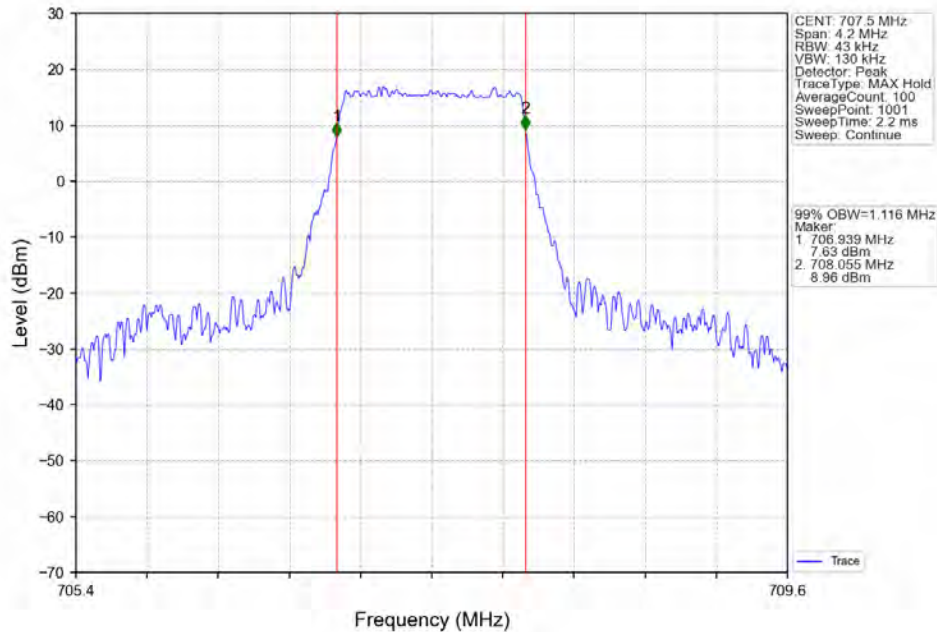
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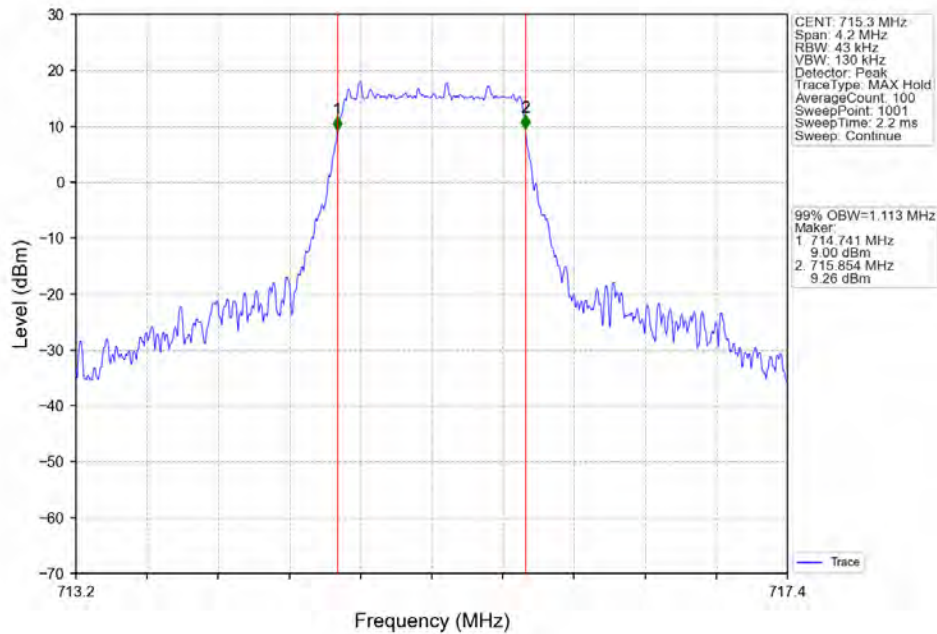
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Band12 1.4MHz 256QAM LCH 699.7MHz_RB_6_0 NTN



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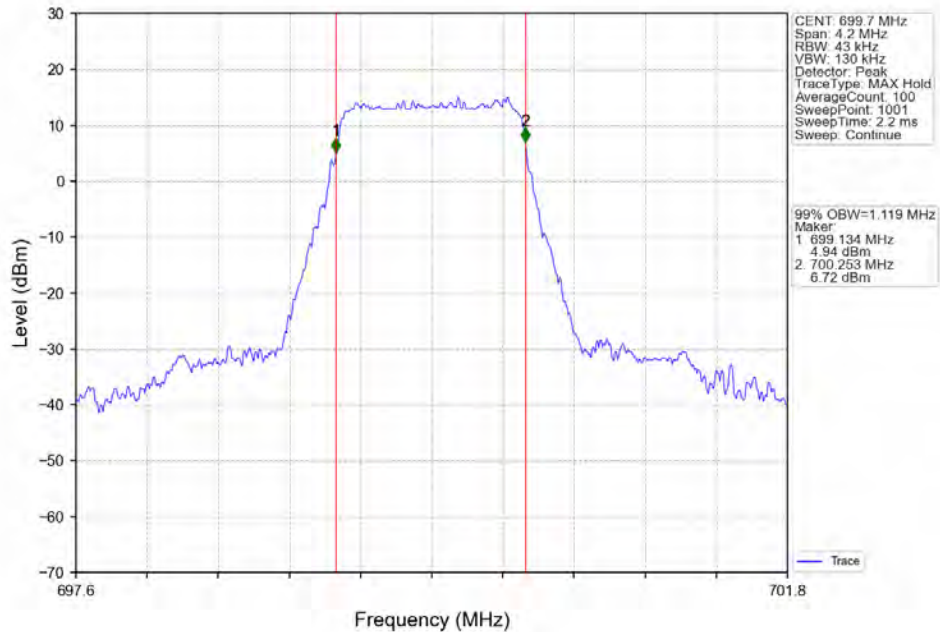
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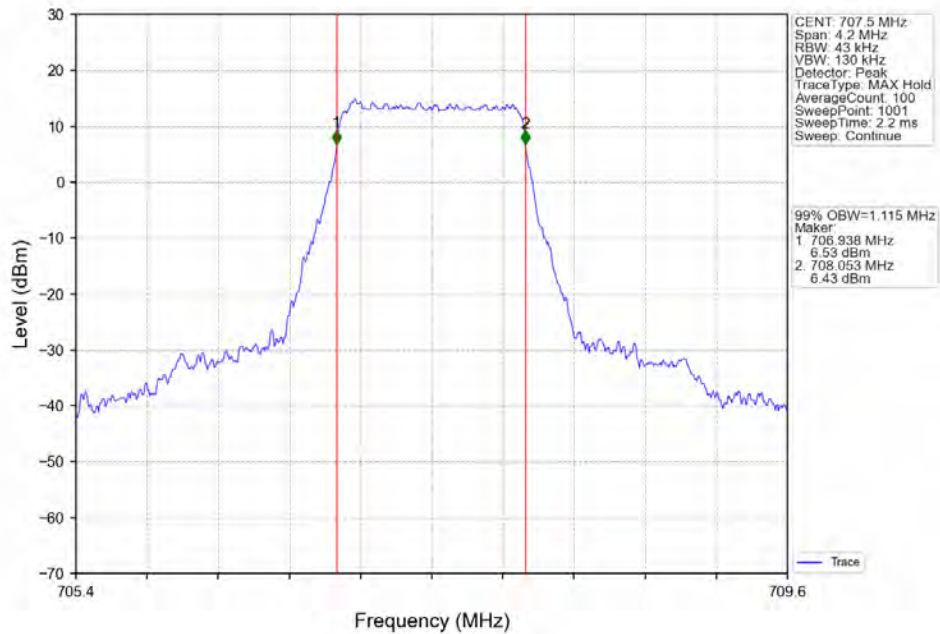
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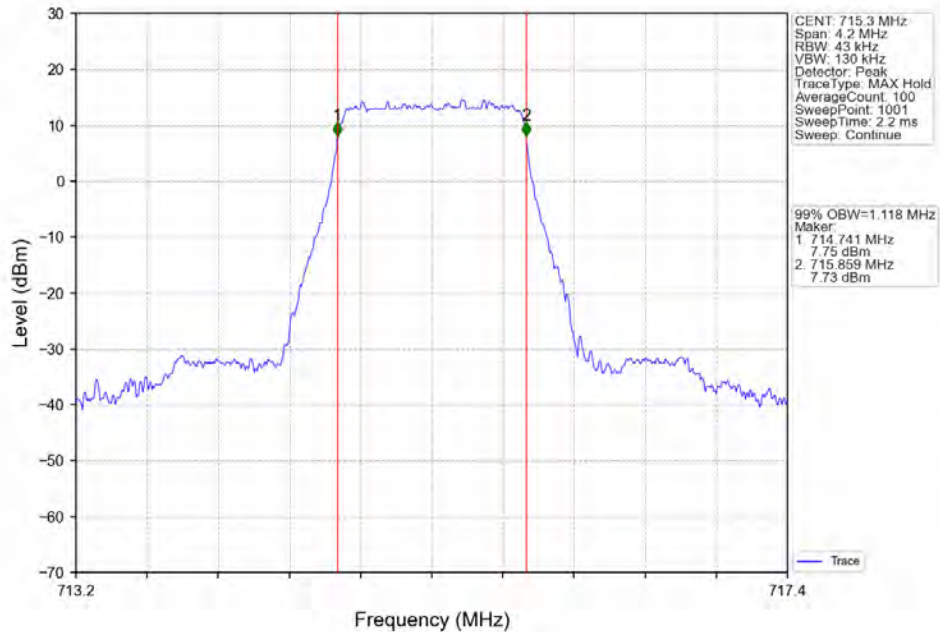
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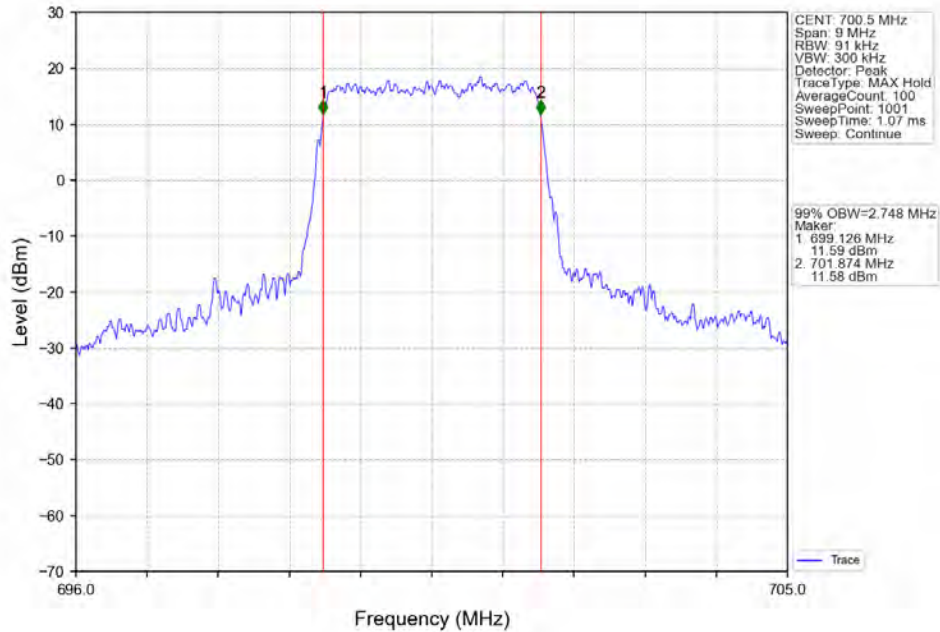
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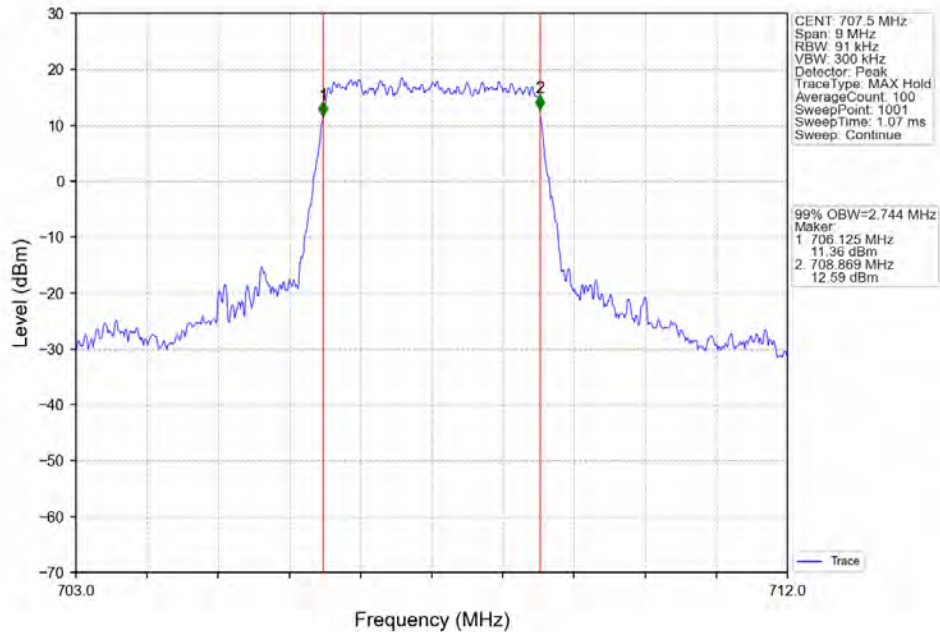
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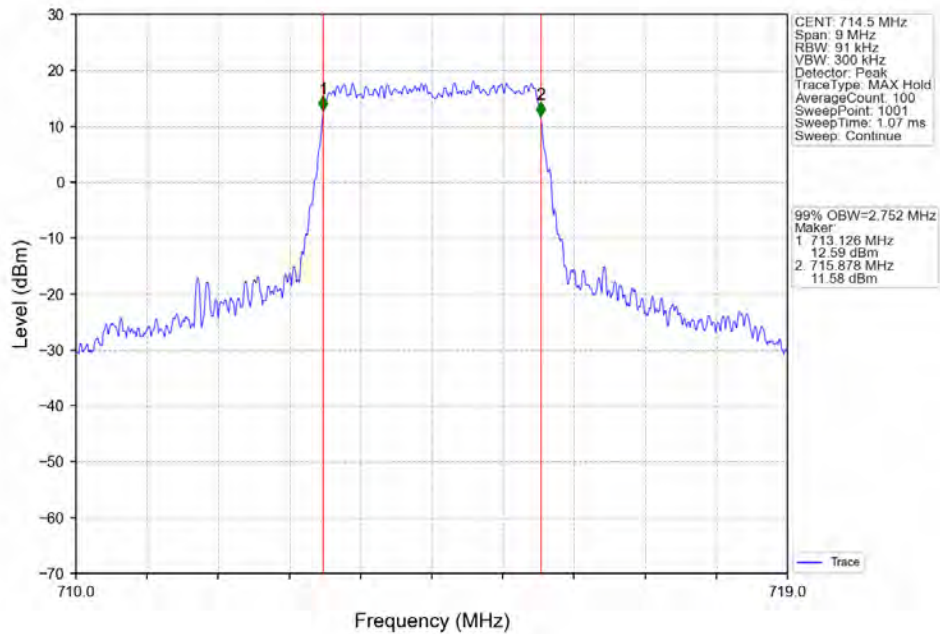
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



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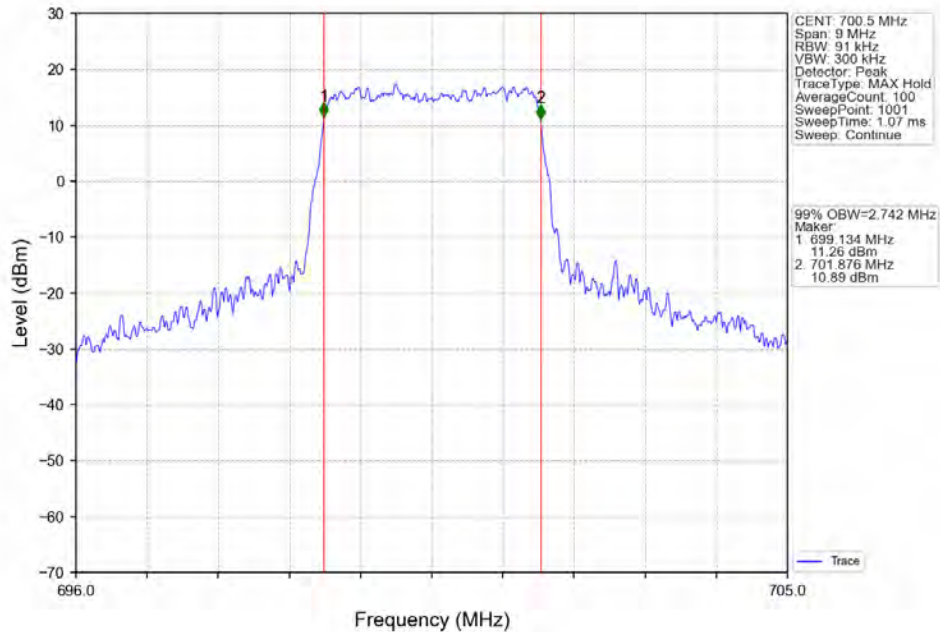
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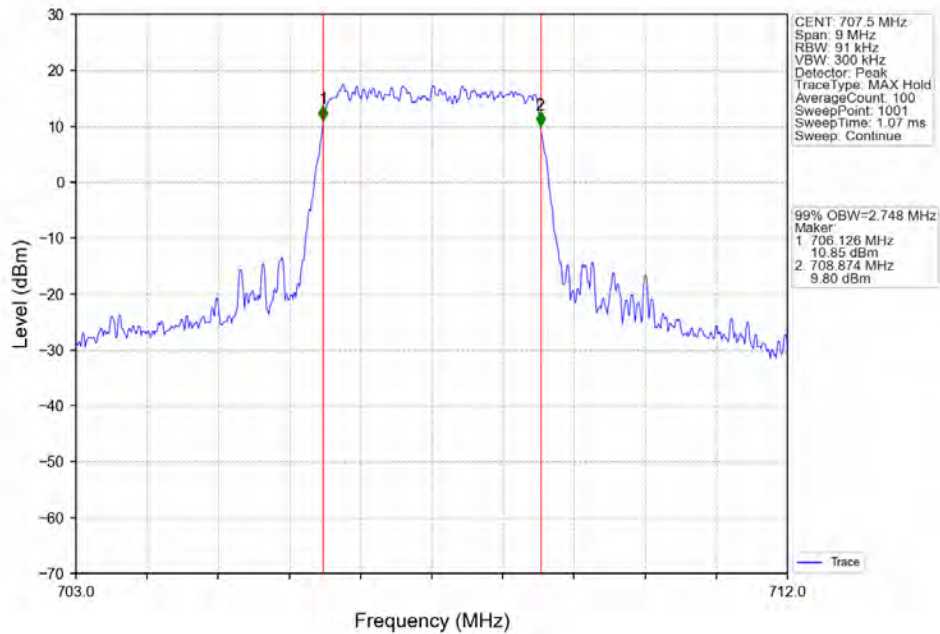
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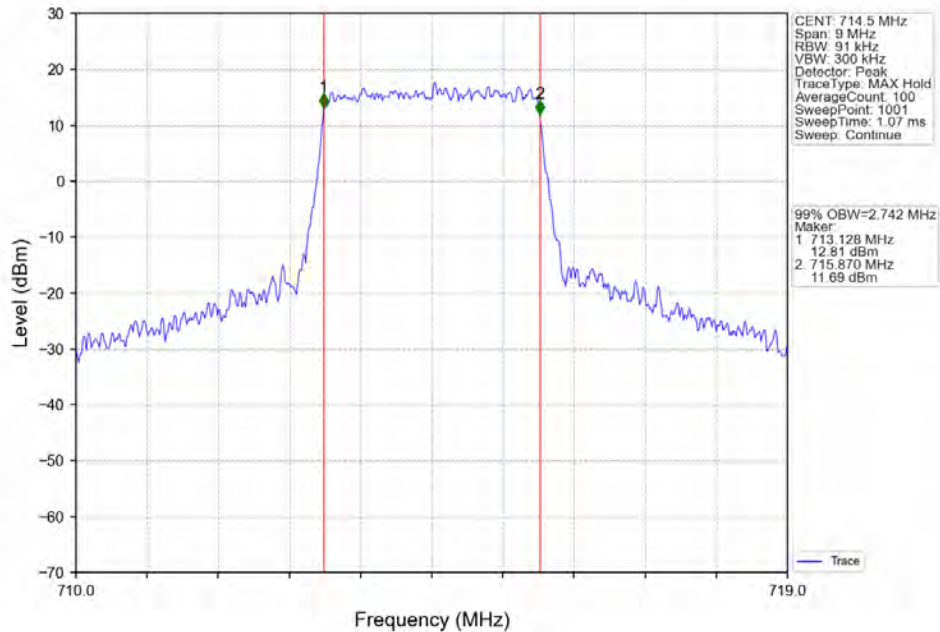
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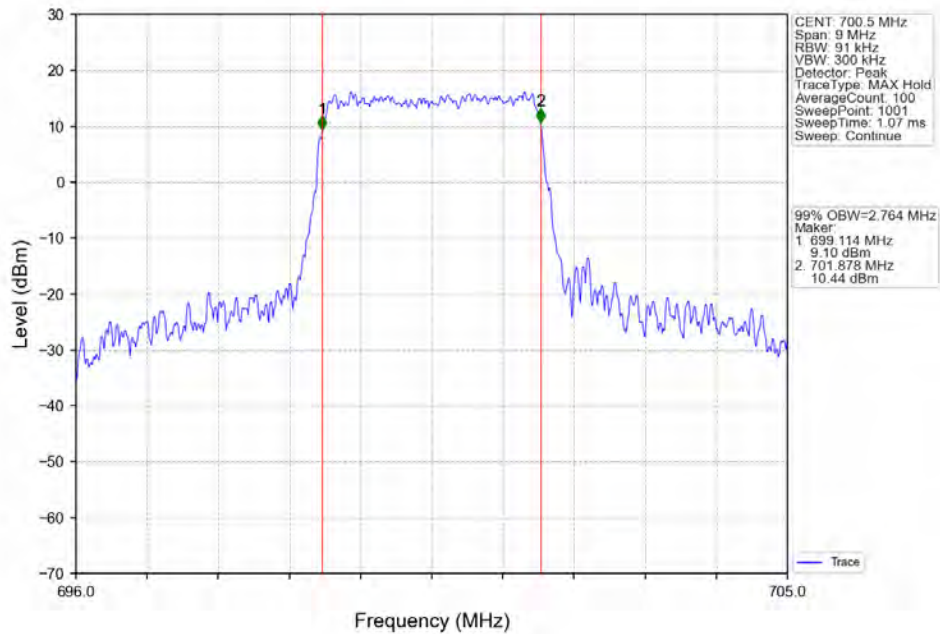
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Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



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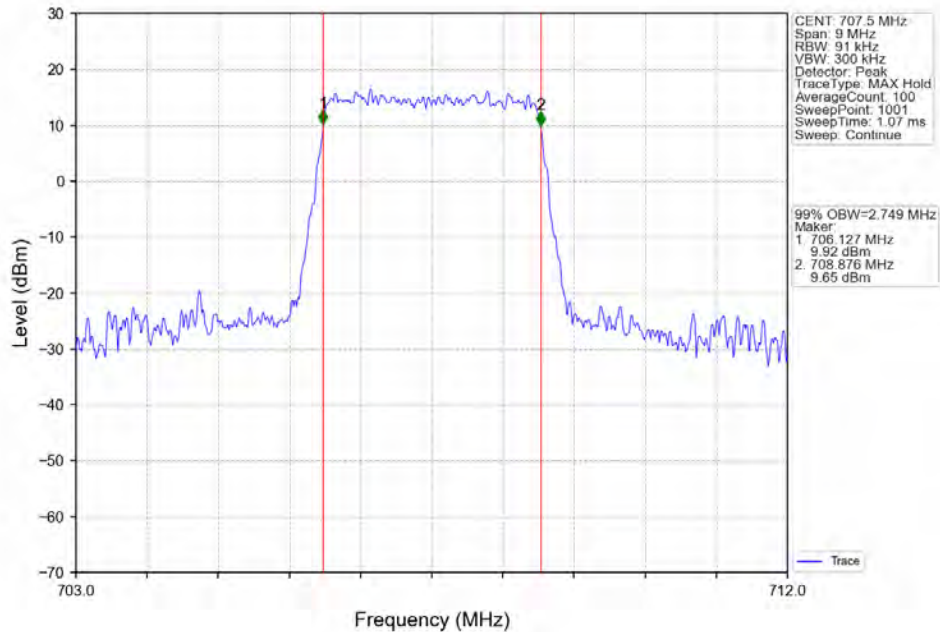
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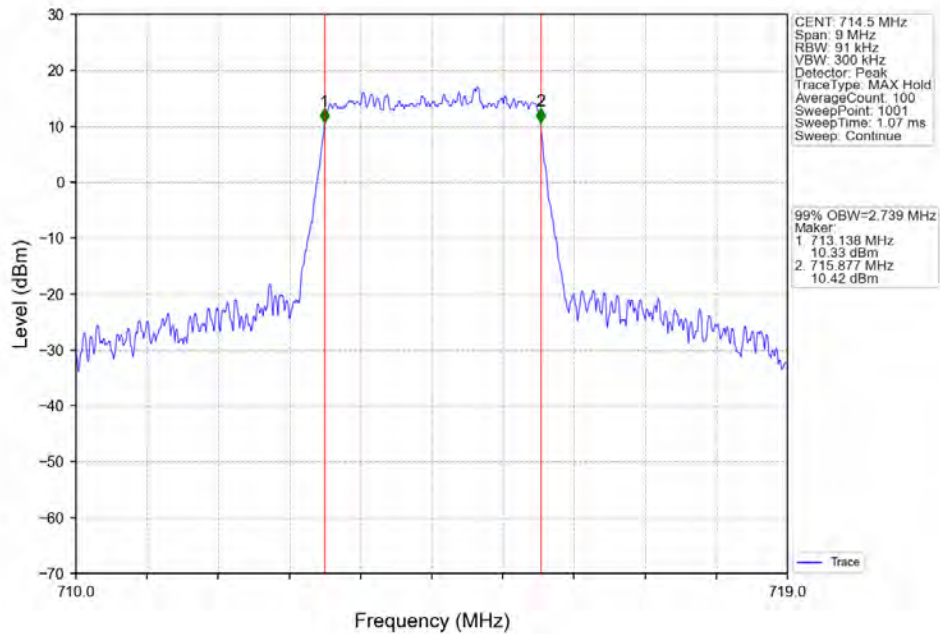
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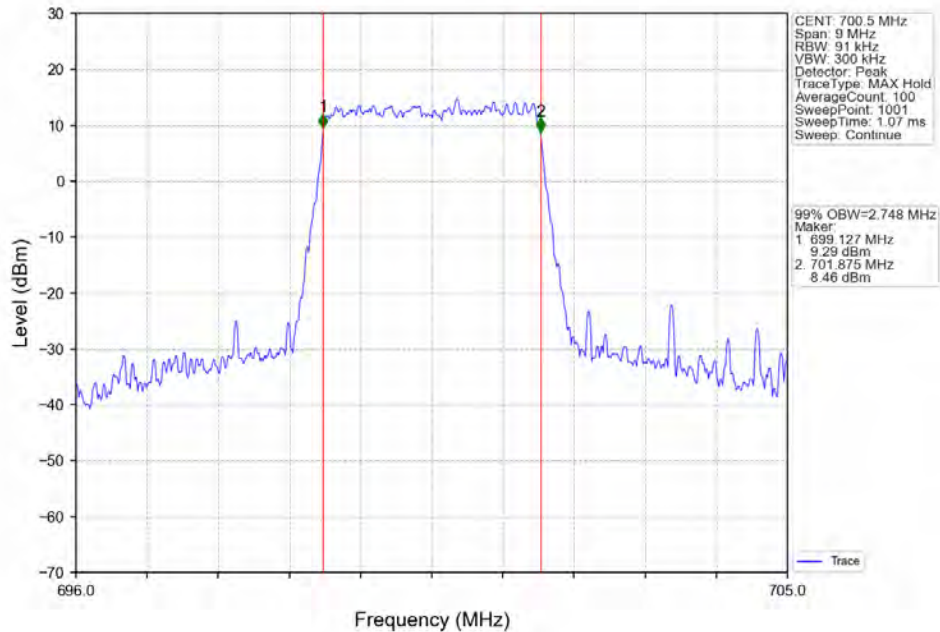
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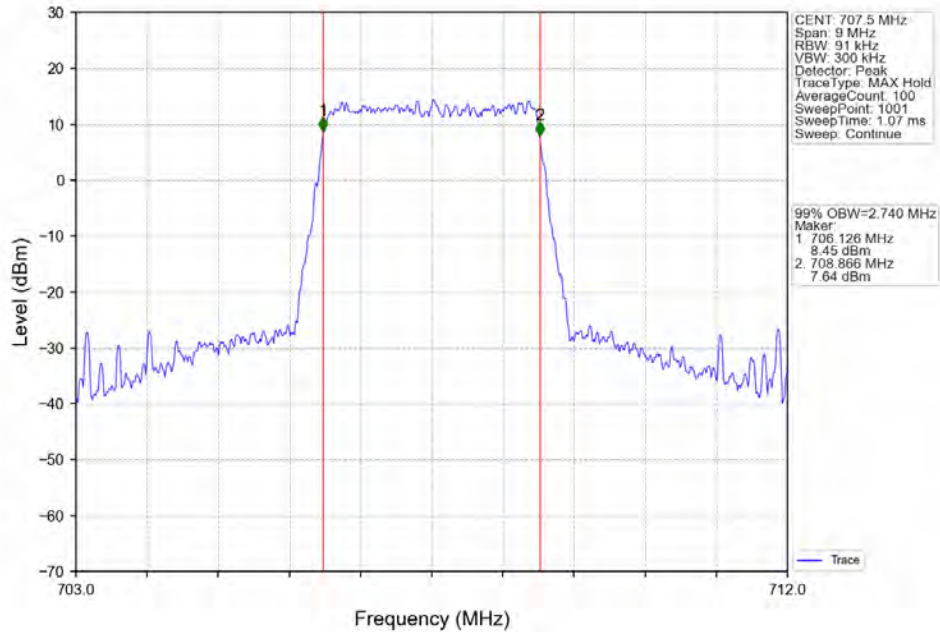
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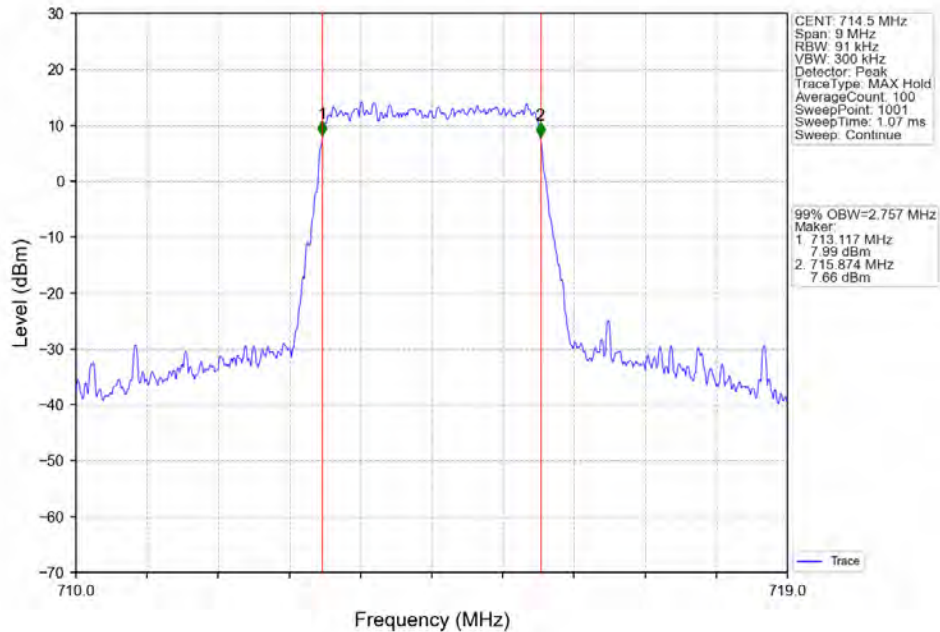
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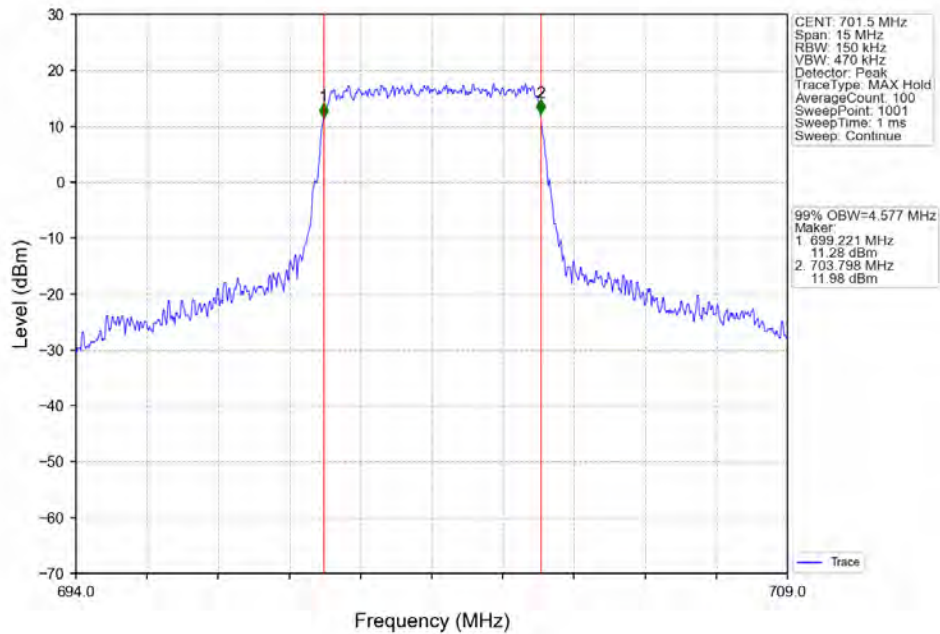
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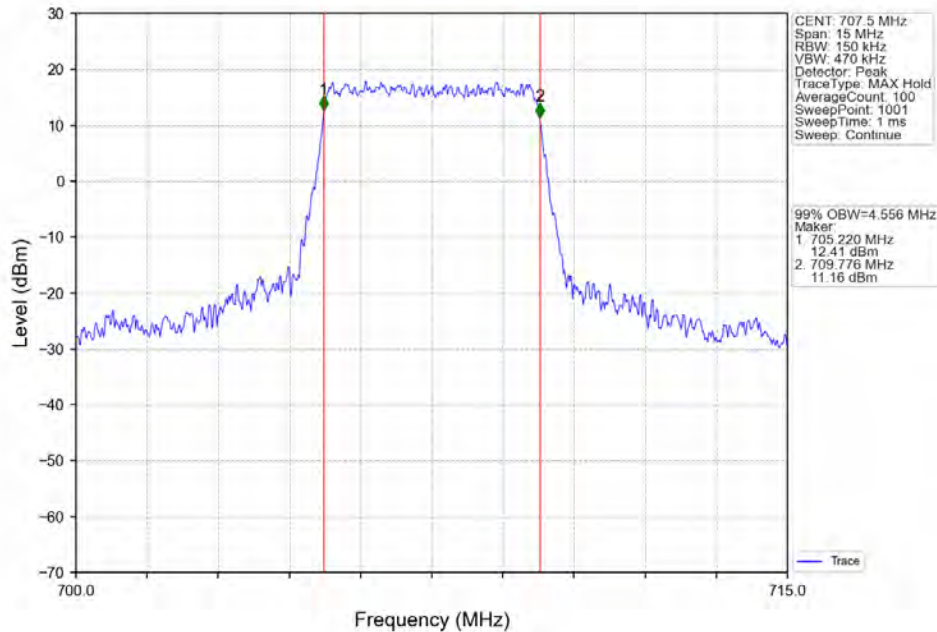
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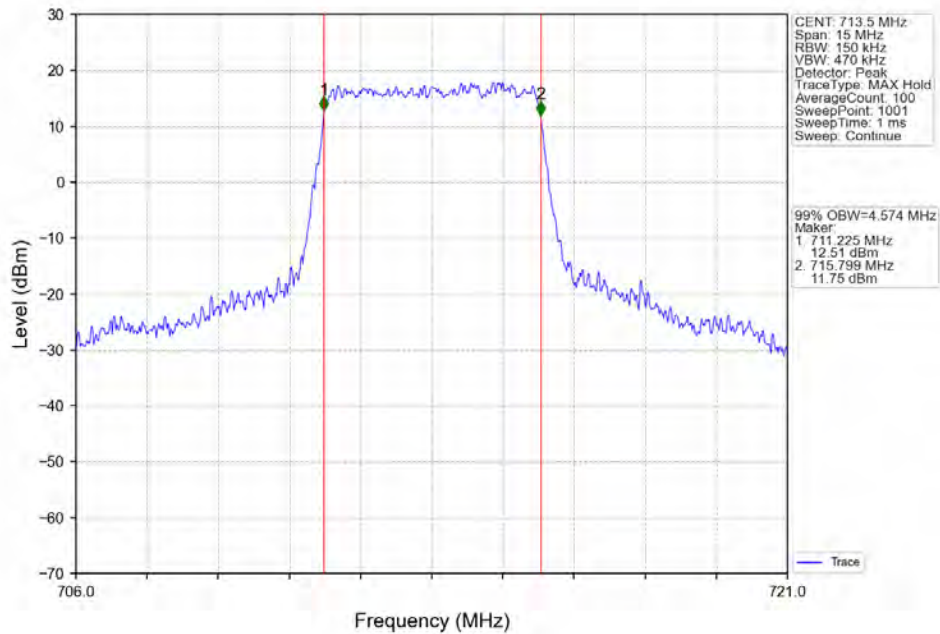
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



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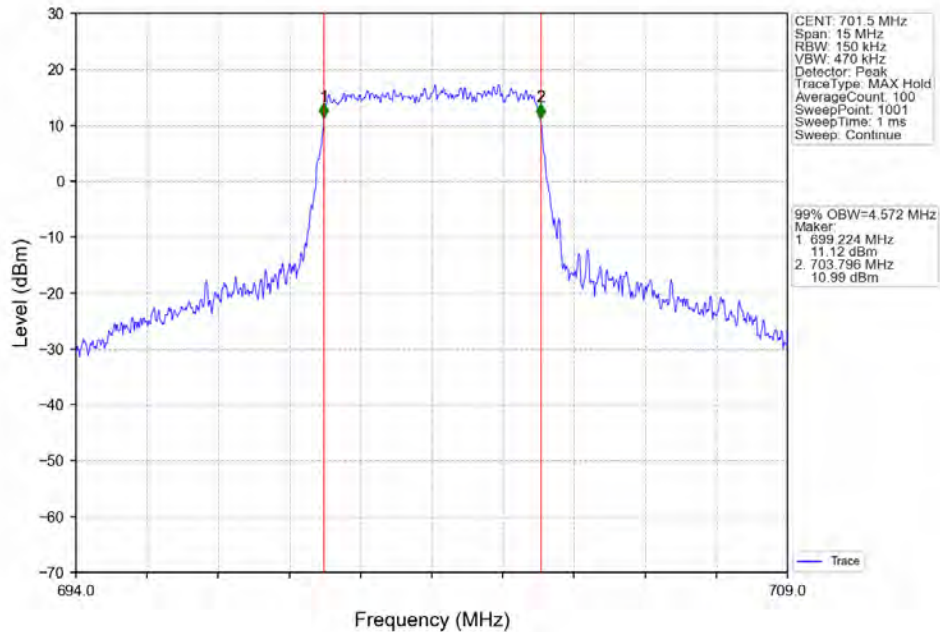
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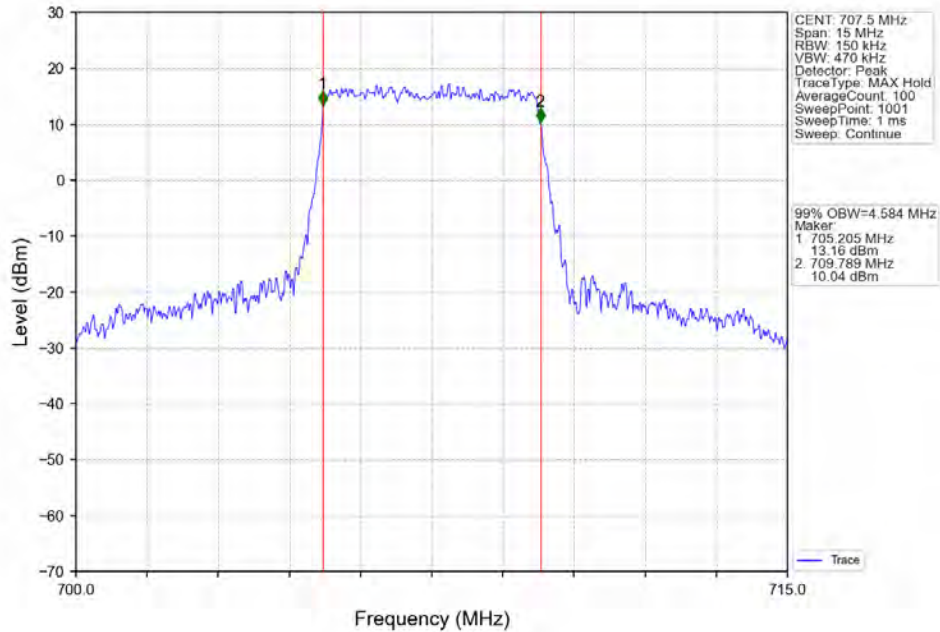
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Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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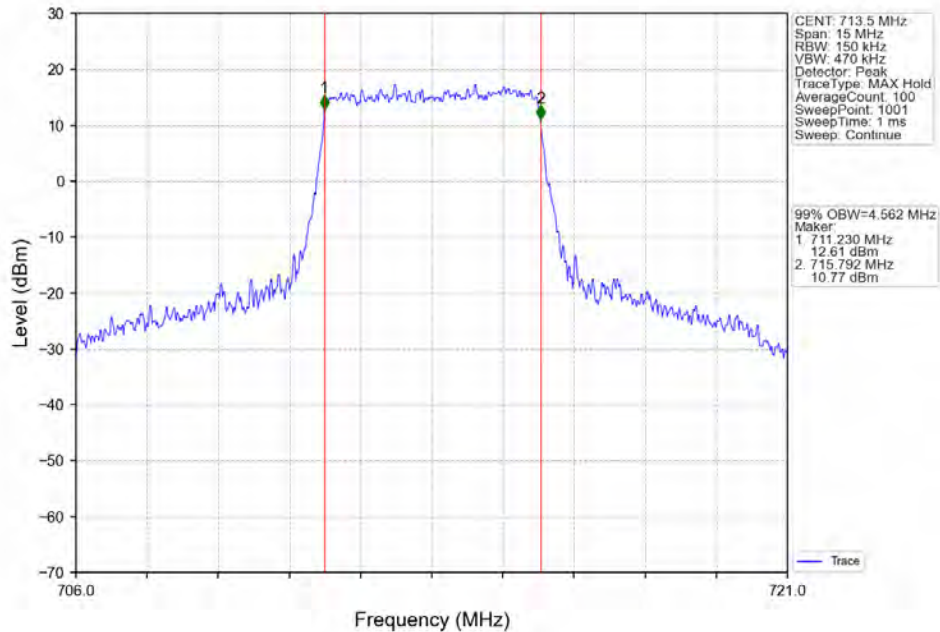
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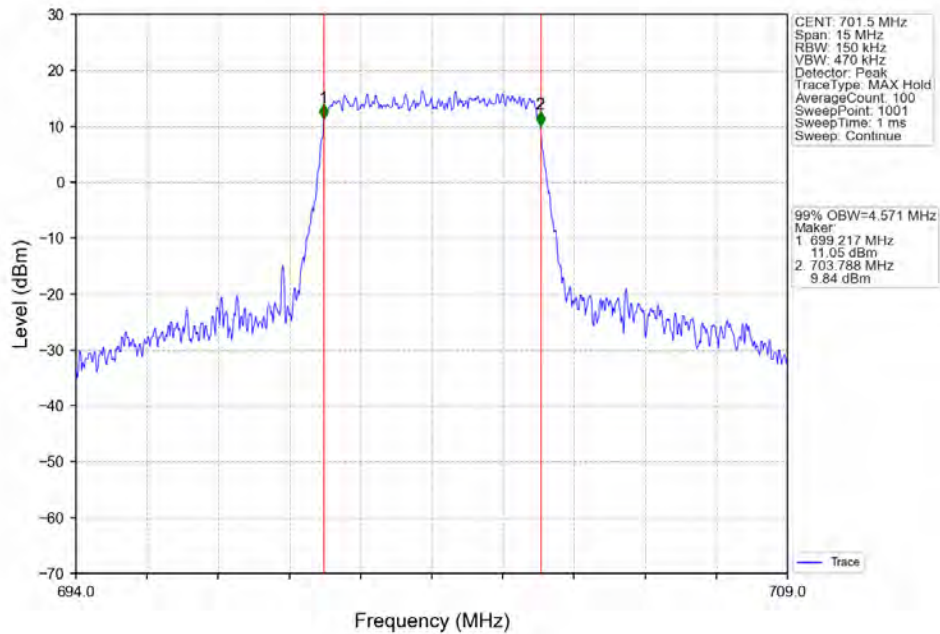
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Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



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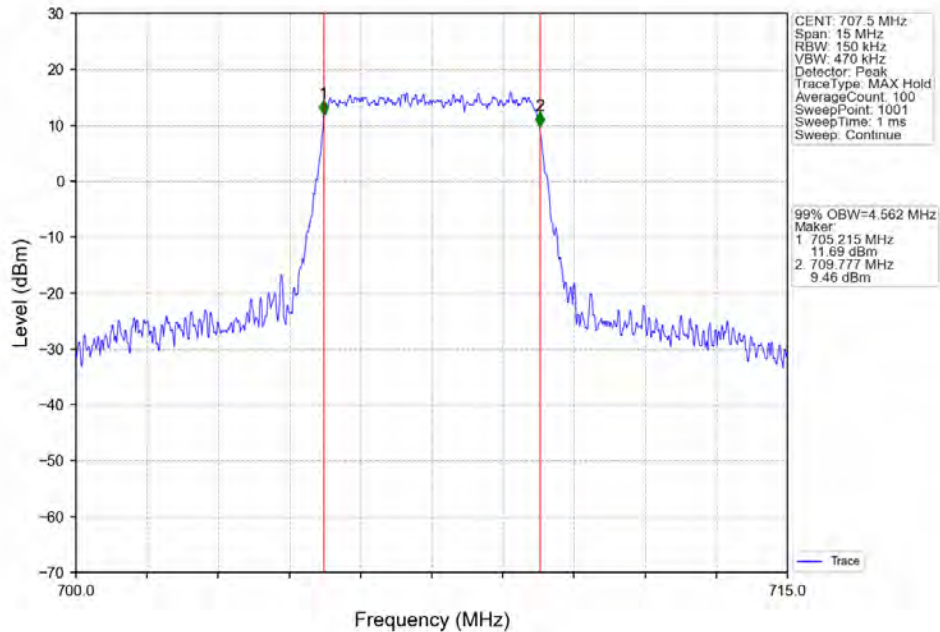
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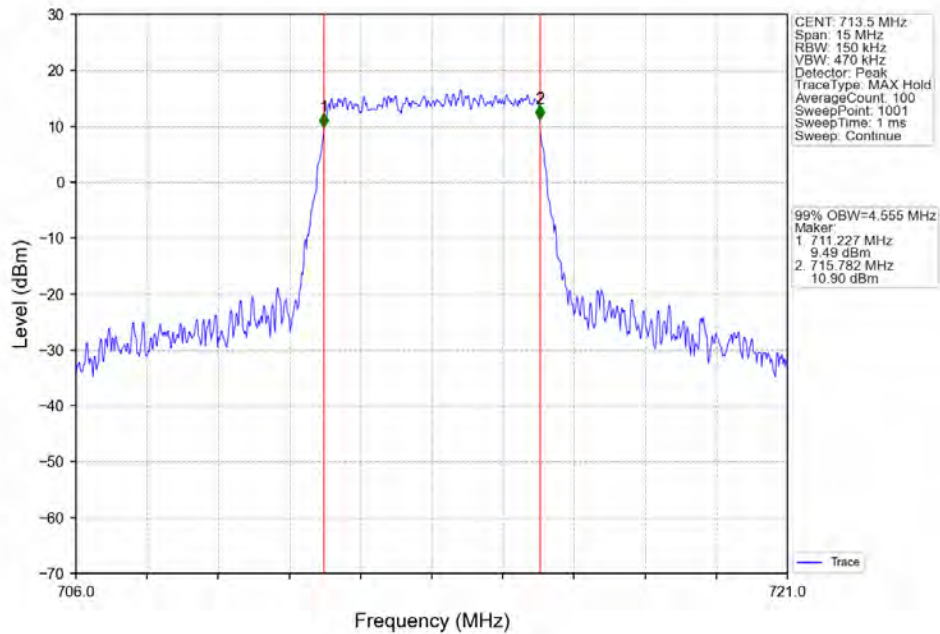
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Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



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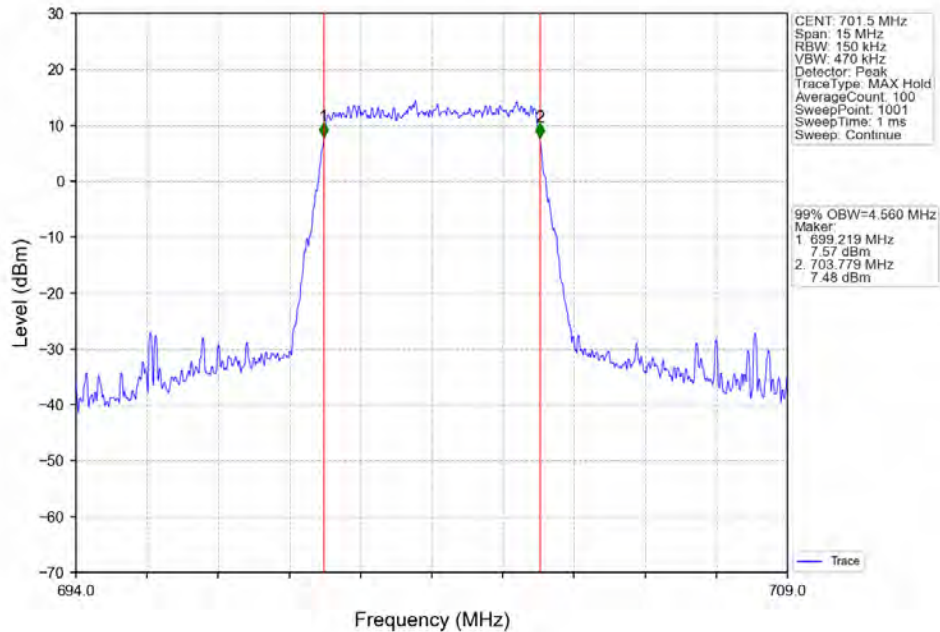
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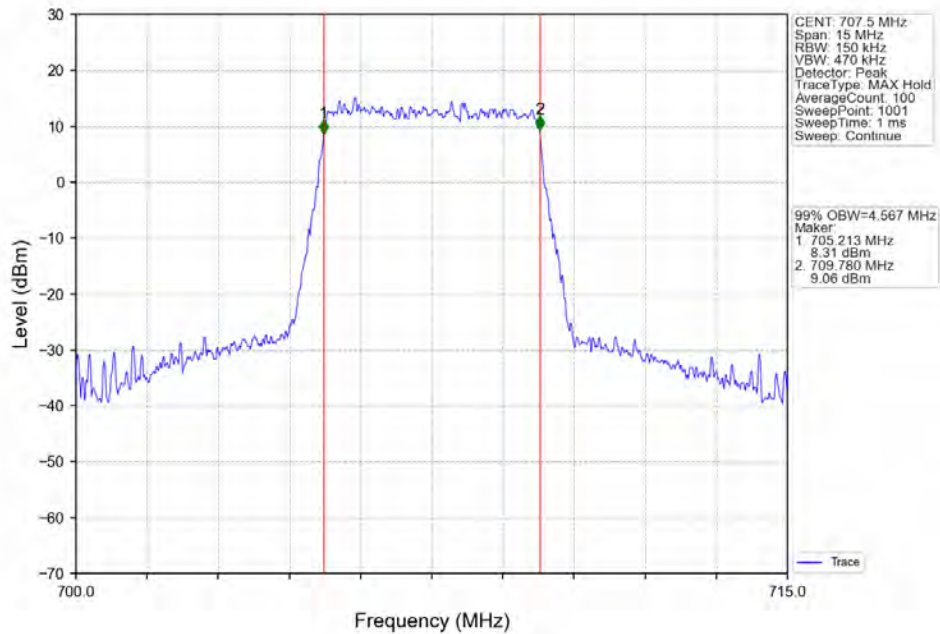
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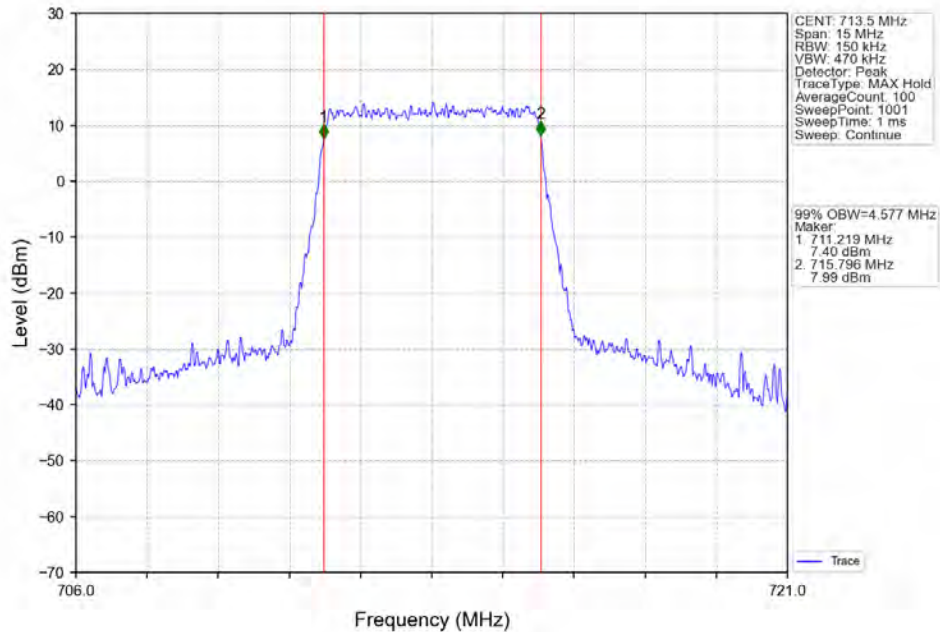
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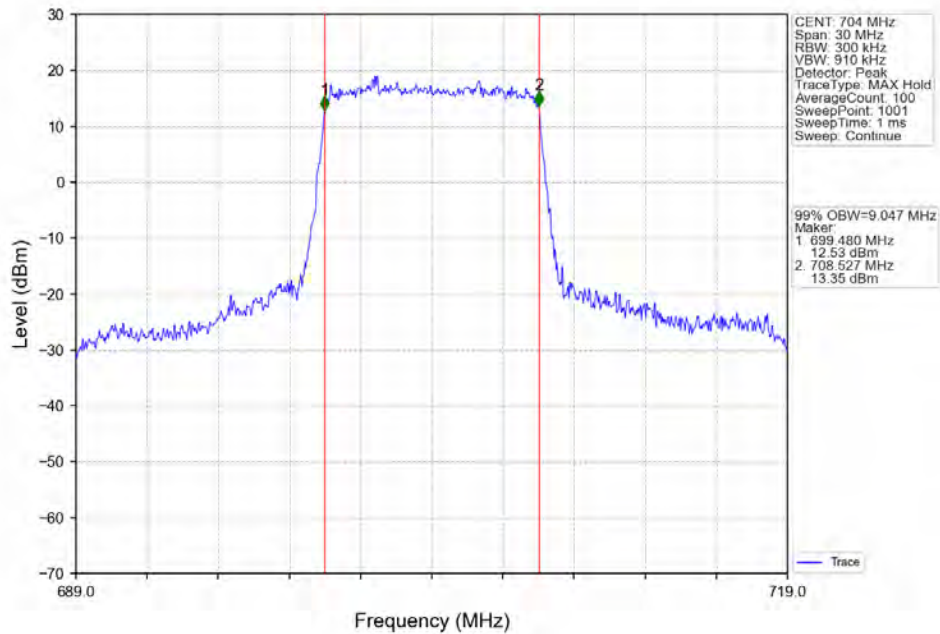
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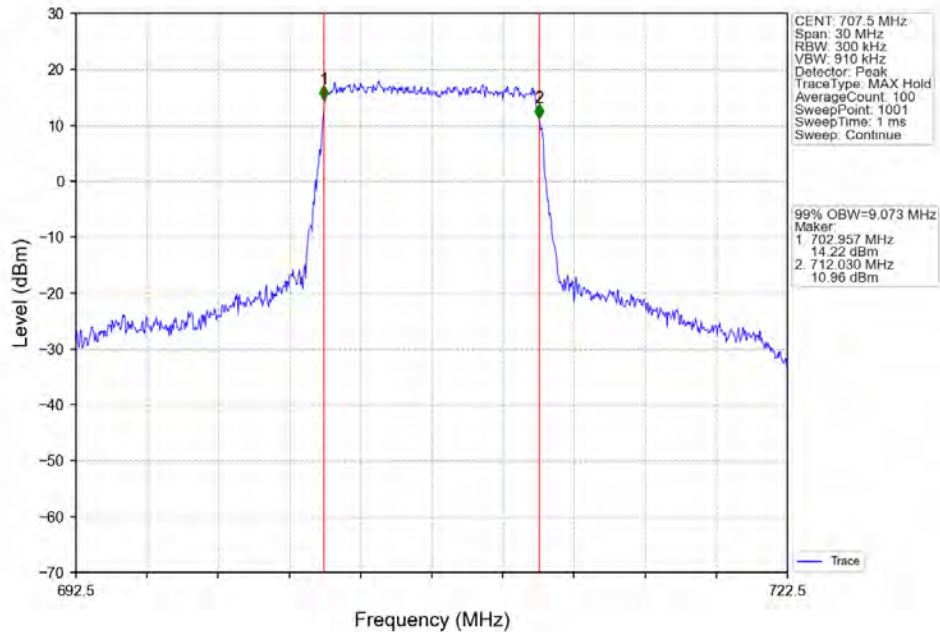
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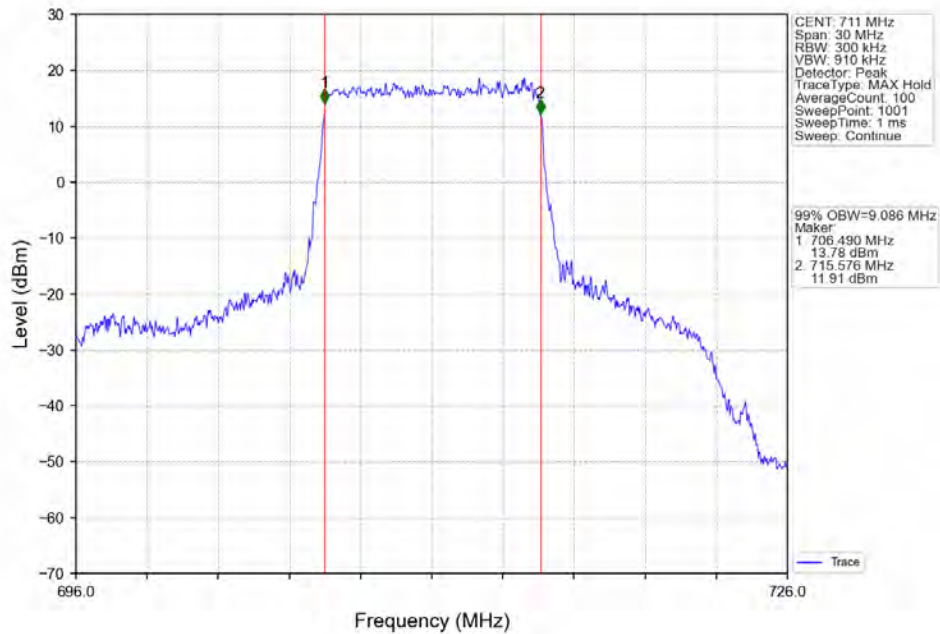
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Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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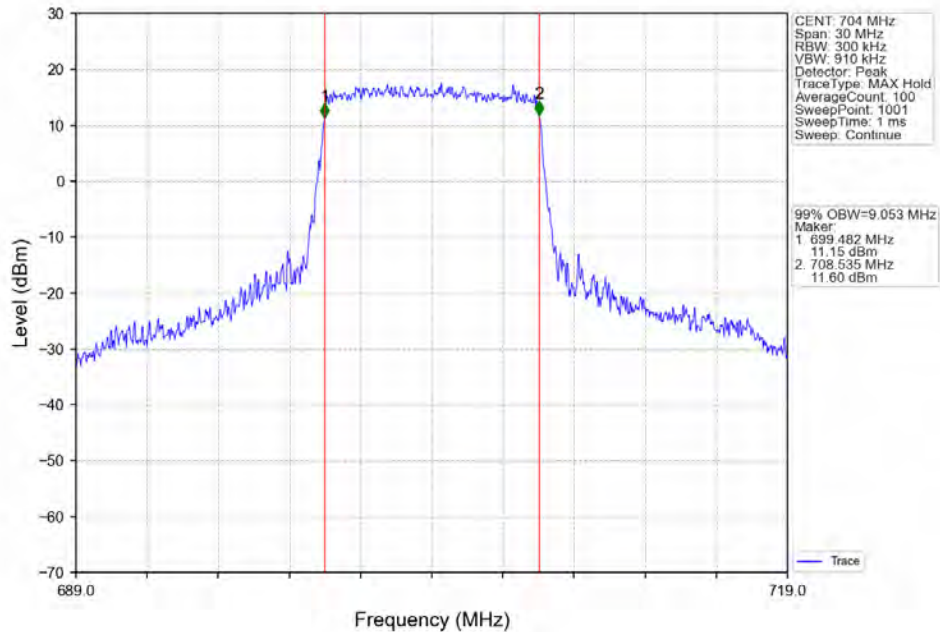
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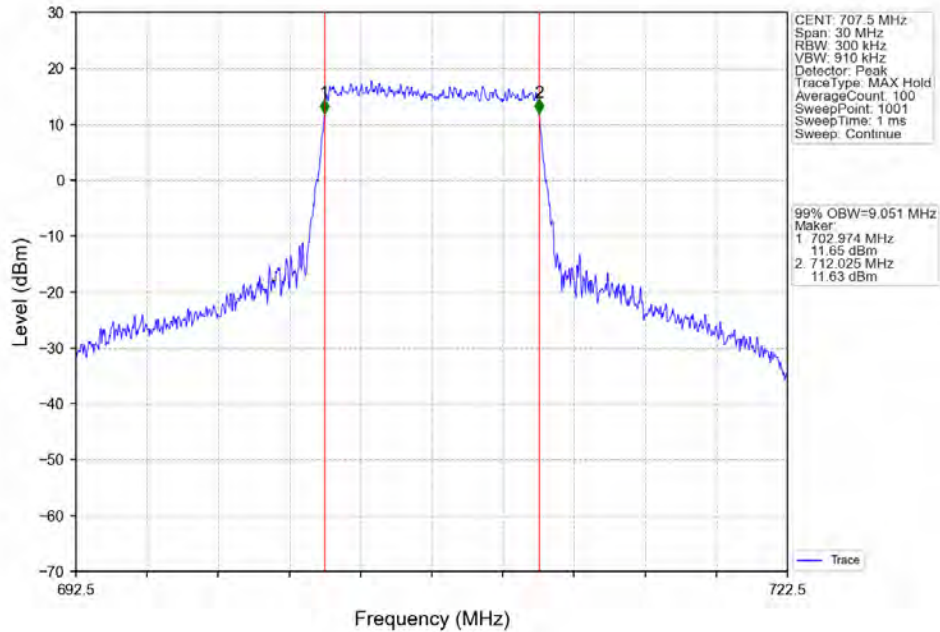
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Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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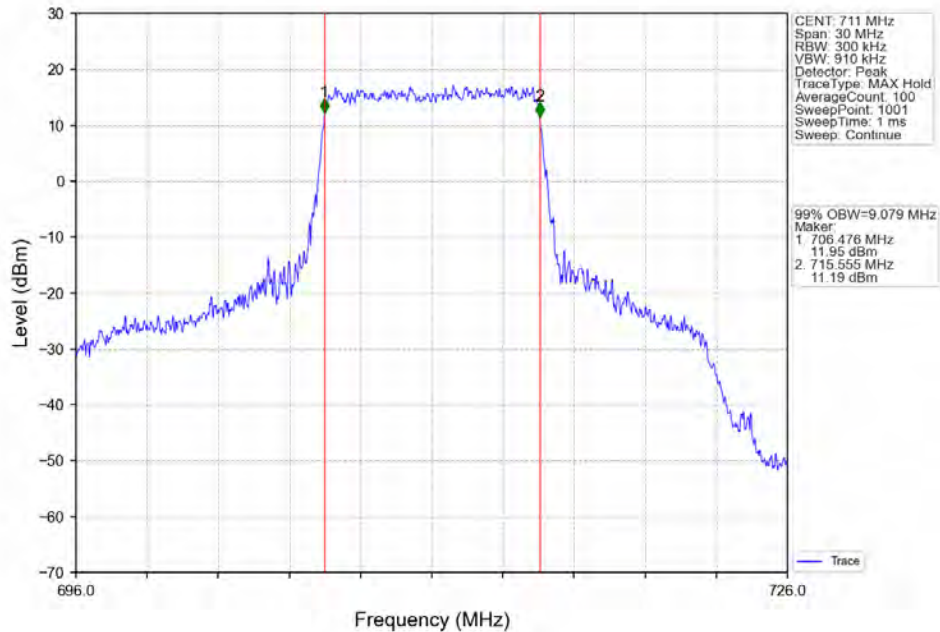
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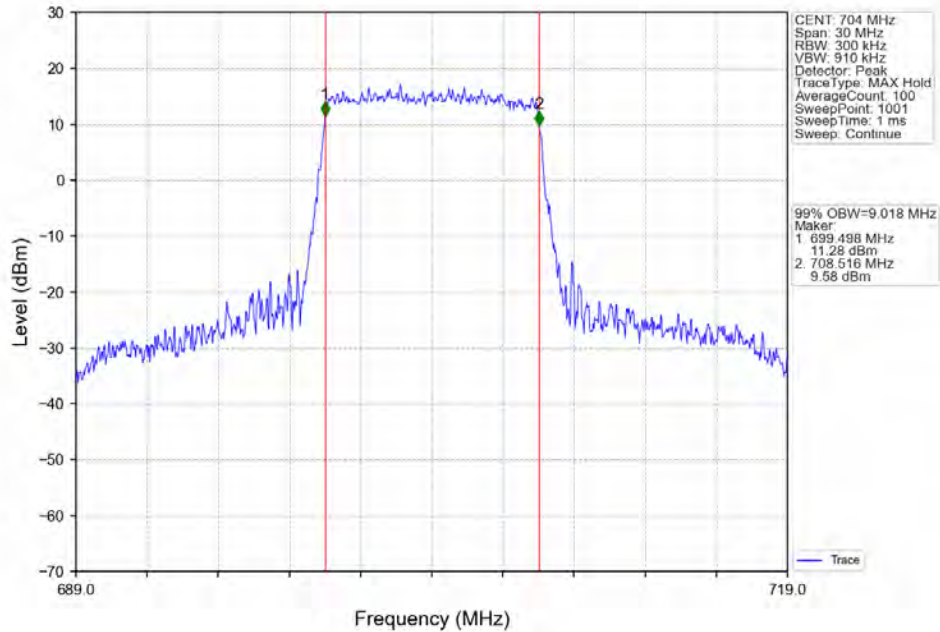
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Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



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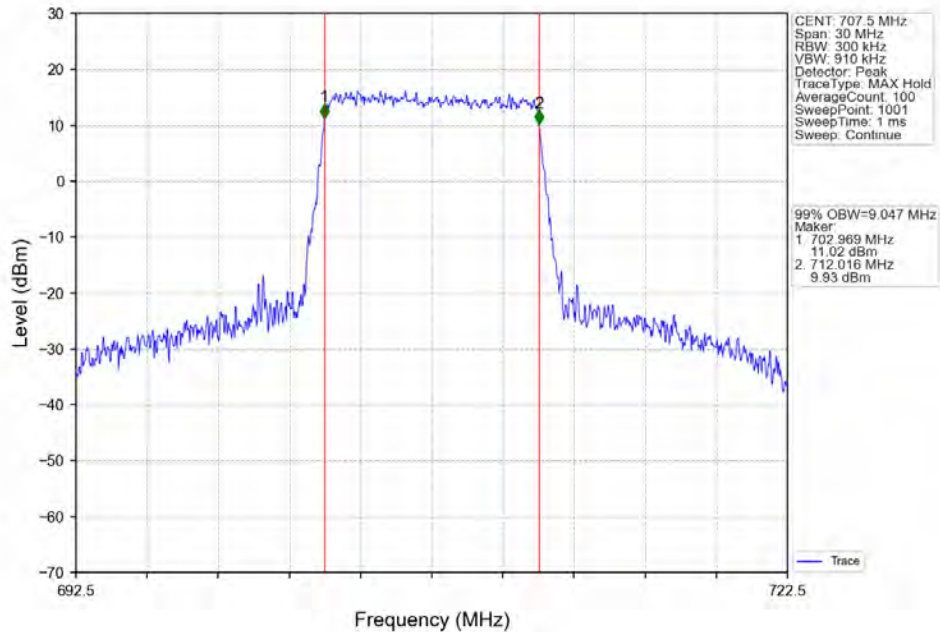
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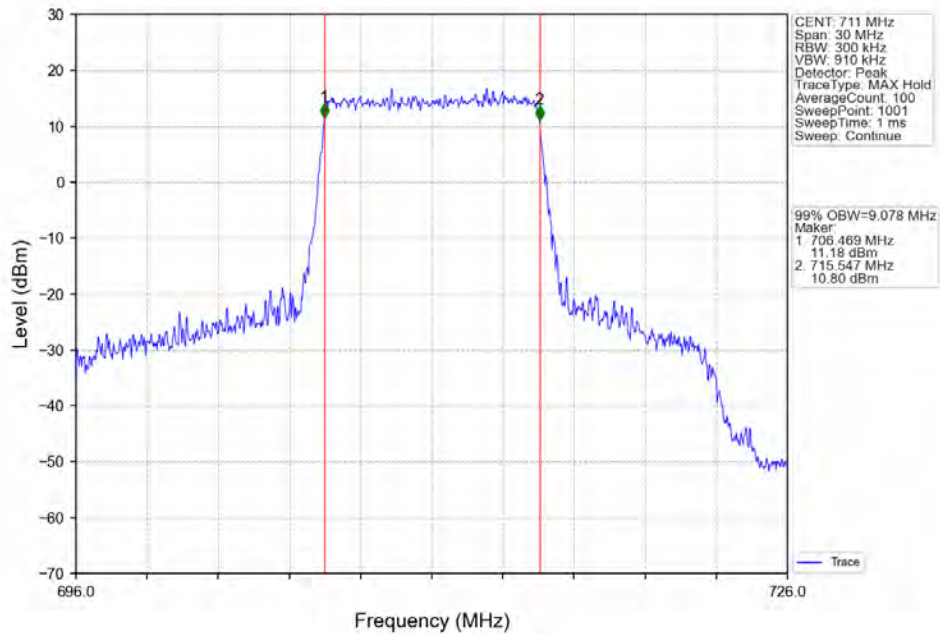
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Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



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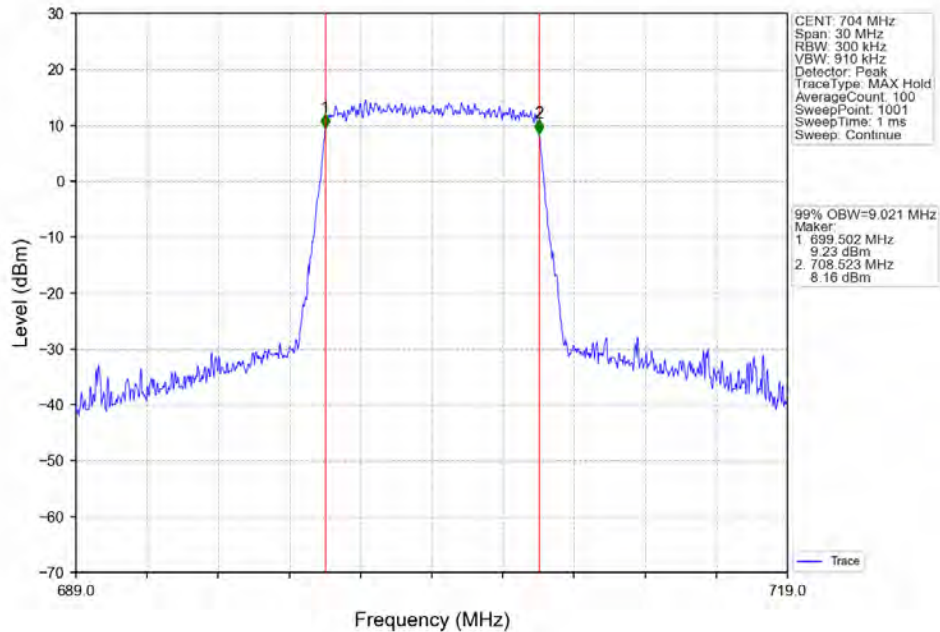
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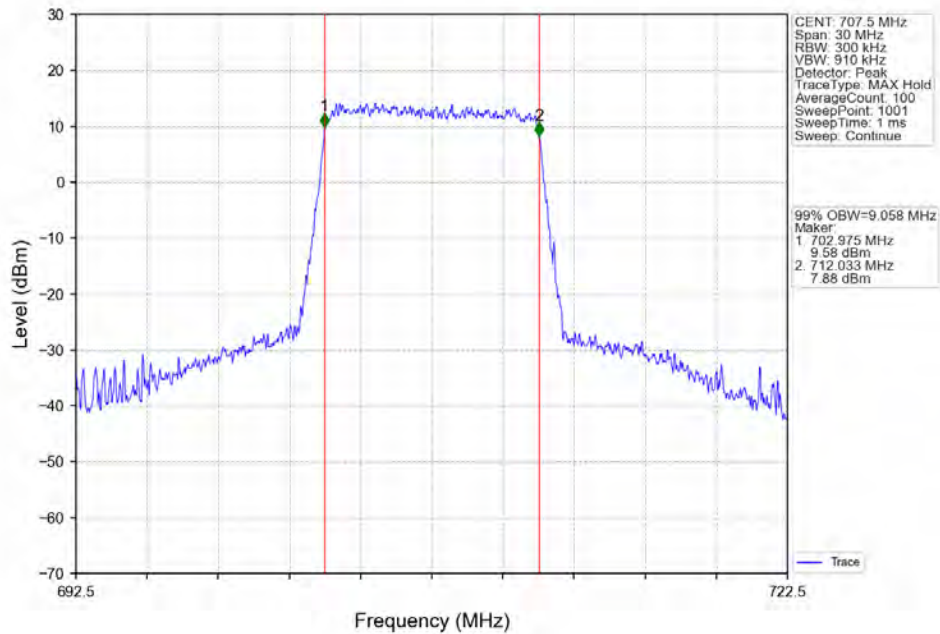
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Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



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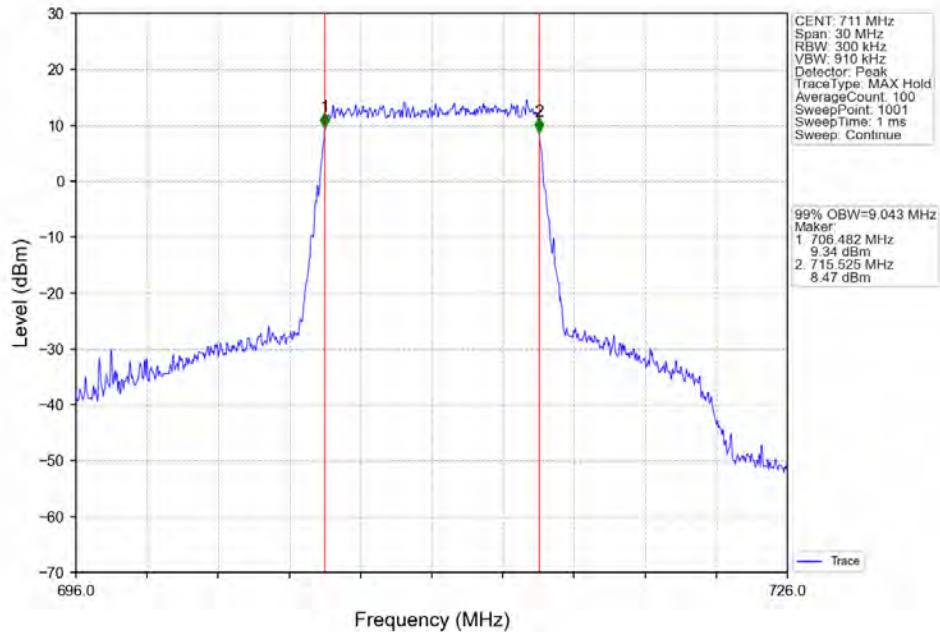
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4.2 Band12_XDB

4.2.1 Test Result

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.419	/	Pass
		707.5	6	0	1.406	/	Pass
		715.3	6	0	1.409	/	Pass
	16QAM	699.7	6	0	1.383	/	Pass
		707.5	6	0	1.419	/	Pass
		715.3	6	0	1.391	/	Pass
	64QAM	699.7	6	0	1.398	/	Pass
		707.5	6	0	1.401	/	Pass
		715.3	6	0	1.383	/	Pass
	256QAM	699.7	6	0	1.391	/	Pass
		707.5	6	0	1.408	/	Pass
		715.3	6	0	1.388	/	Pass
3	QPSK	700.5	15	0	3.134	/	Pass
		707.5	15	0	3.158	/	Pass
		714.5	15	0	3.143	/	Pass
	16QAM	700.5	15	0	3.132	/	Pass
		707.5	15	0	3.121	/	Pass
		714.5	15	0	3.093	/	Pass
	64QAM	700.5	15	0	3.133	/	Pass
		707.5	15	0	3.111	/	Pass
		714.5	15	0	3.095	/	Pass
	256QAM	700.5	15	0	3.088	/	Pass
		707.5	15	0	3.140	/	Pass
		714.5	15	0	3.150	/	Pass
5	QPSK	701.5	25	0	5.214	/	Pass
		707.5	25	0	5.286	/	Pass
		713.5	25	0	5.240	/	Pass
	16QAM	701.5	25	0	5.303	/	Pass
		707.5	25	0	5.308	/	Pass
		713.5	25	0	5.244	/	Pass
	64QAM	701.5	25	0	5.259	/	Pass
		707.5	25	0	5.291	/	Pass
		713.5	25	0	5.248	/	Pass
	256QAM	701.5	25	0	5.299	/	Pass
		707.5	25	0	5.222	/	Pass
		713.5	25	0	5.237	/	Pass
10	QPSK	704	50	0	10.050	/	Pass
		707.5	50	0	10.163	/	Pass
		711	50	0	10.151	/	Pass



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	16QAM	704	50	0	10.221	/	Pass
		707.5	50	0	10.256	/	Pass
		711	50	0	10.344	/	Pass
	64QAM	704	50	0	10.059	/	Pass
		707.5	50	0	10.228	/	Pass
		711	50	0	10.057	/	Pass
	256QAM	704	50	0	10.074	/	Pass
		707.5	50	0	10.254	/	Pass
		711	50	0	10.284	/	Pass



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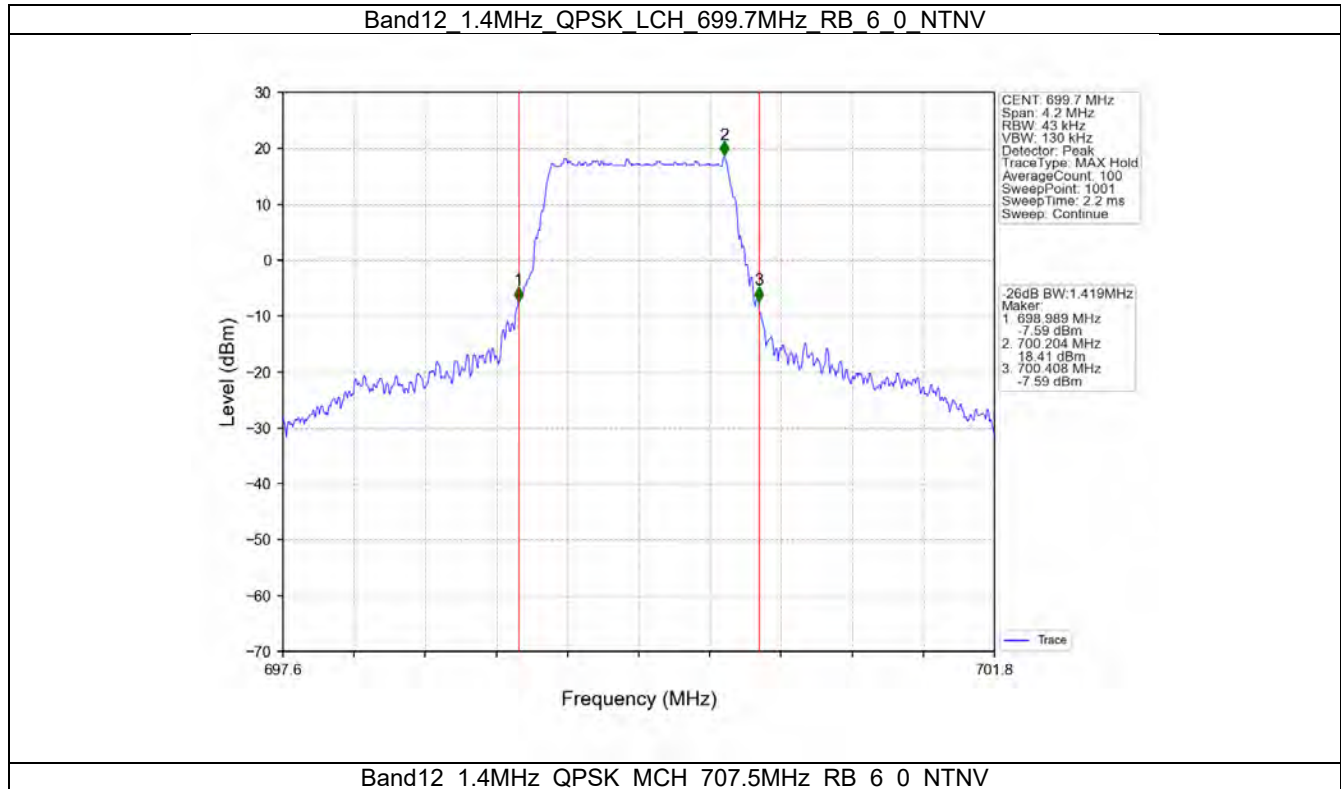
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4.2.2 Test Graph



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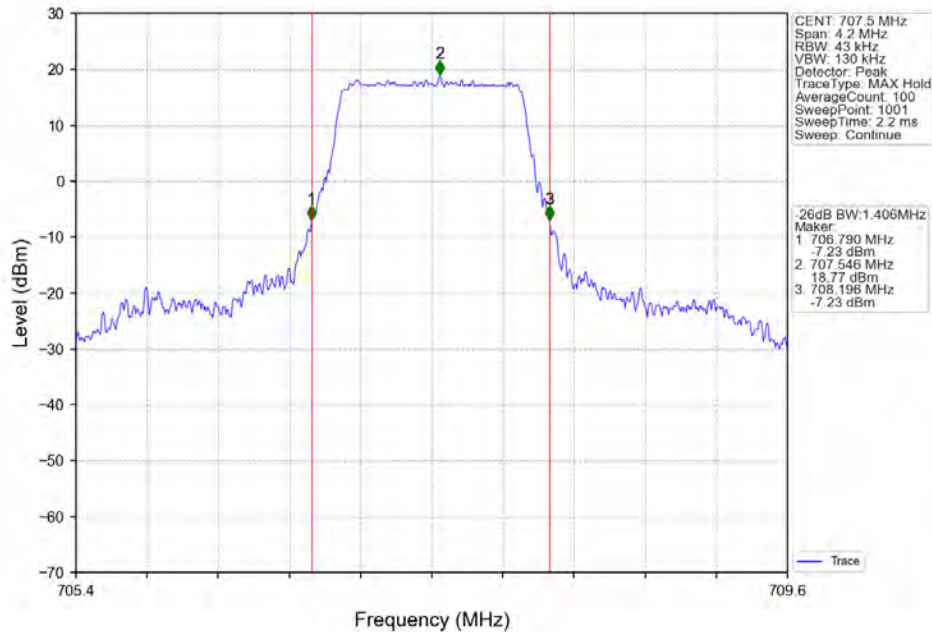
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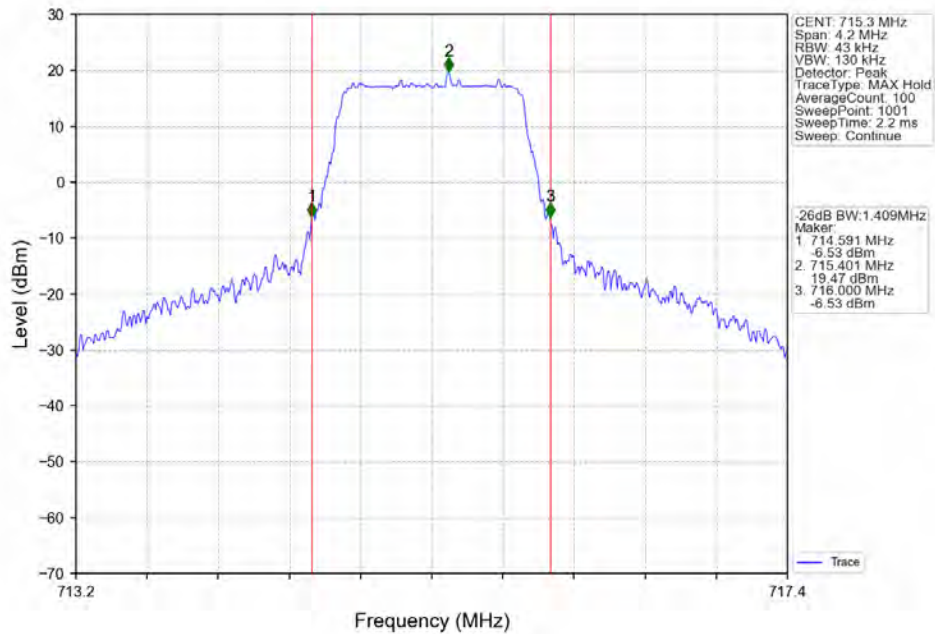
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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



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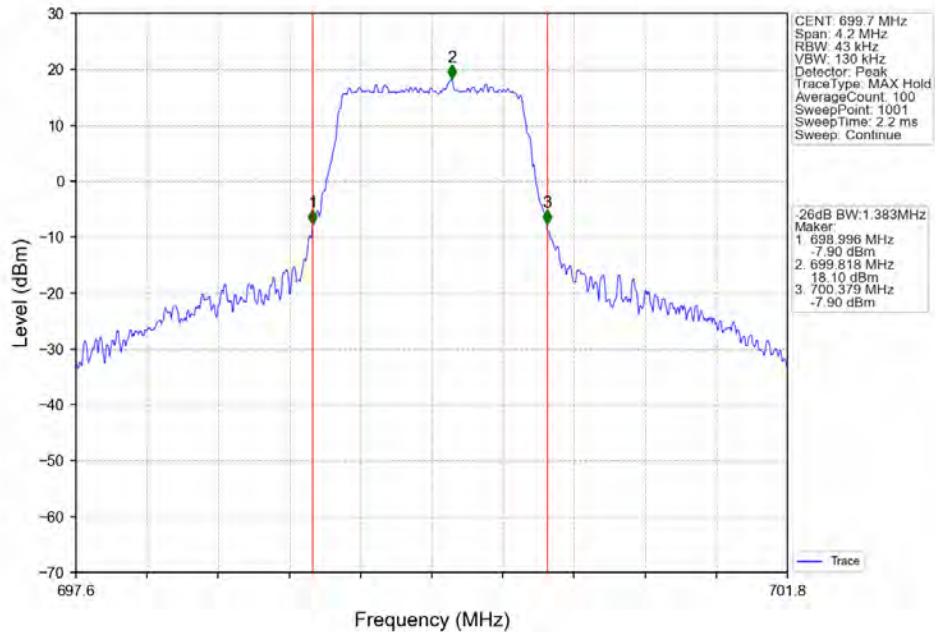
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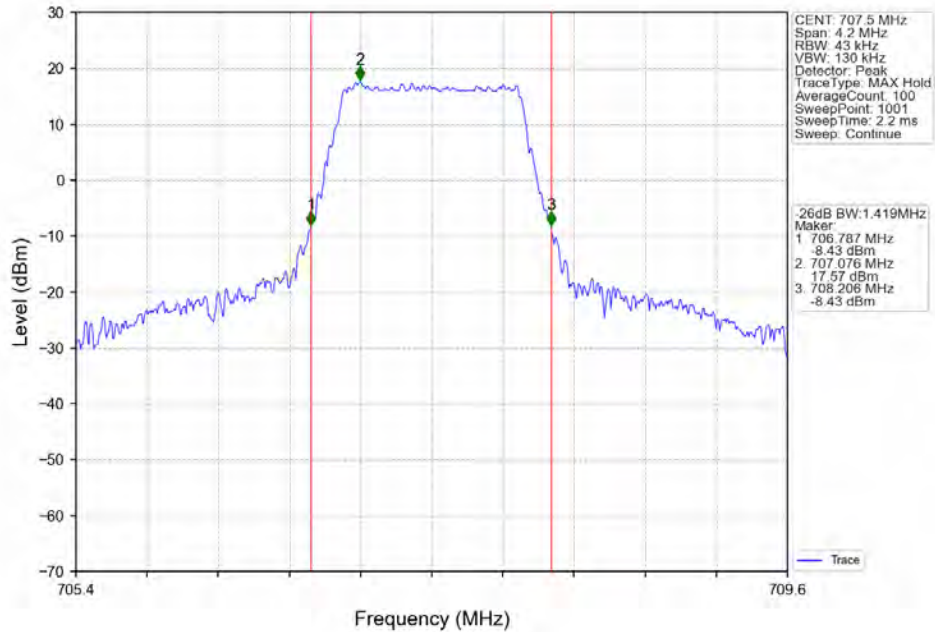
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Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



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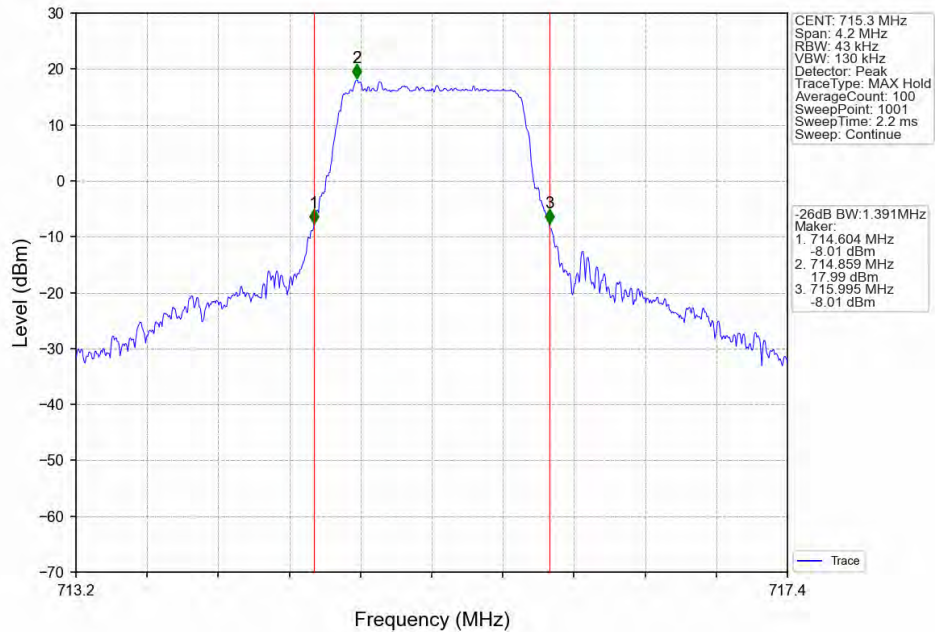
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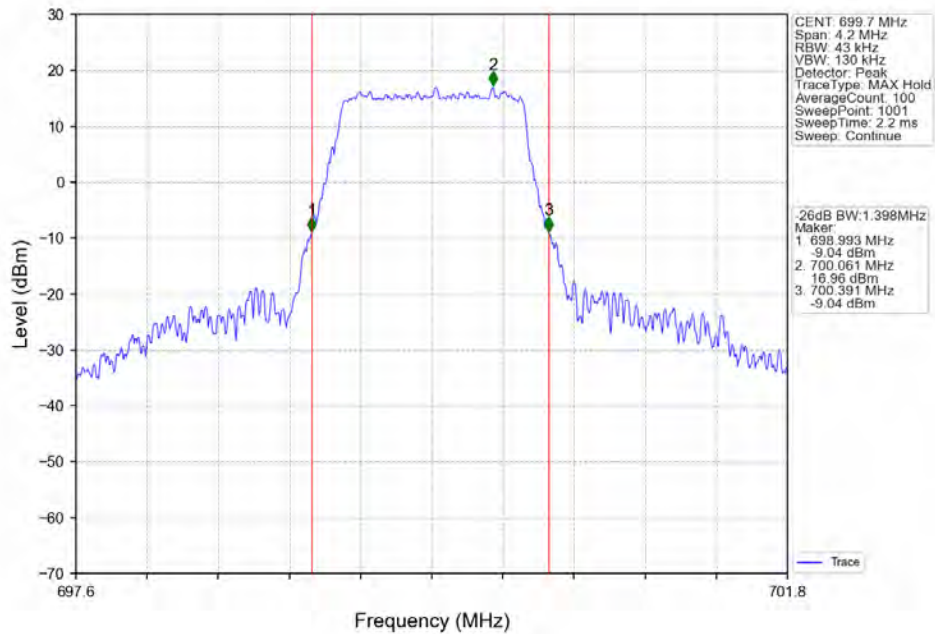
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Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



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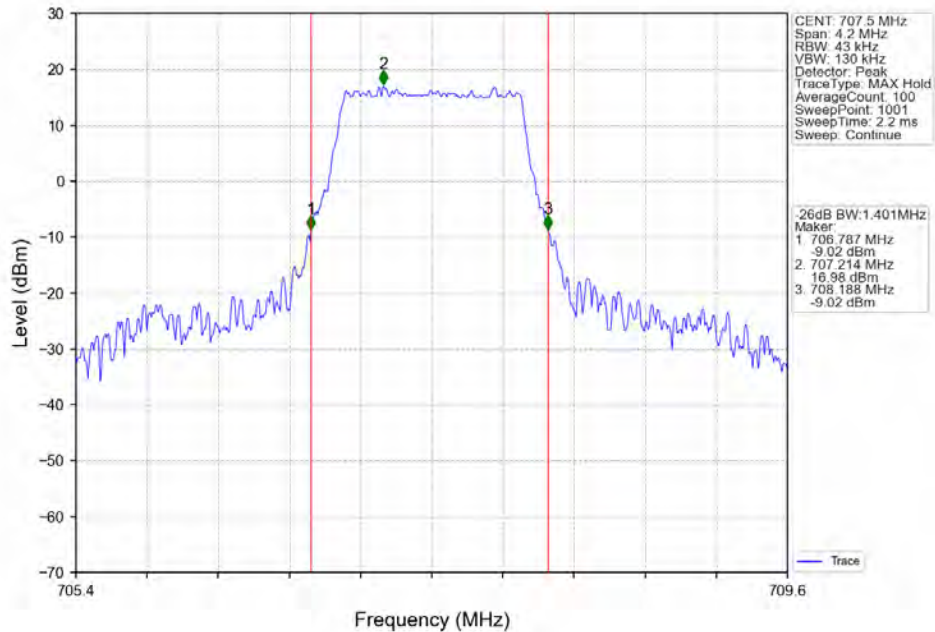
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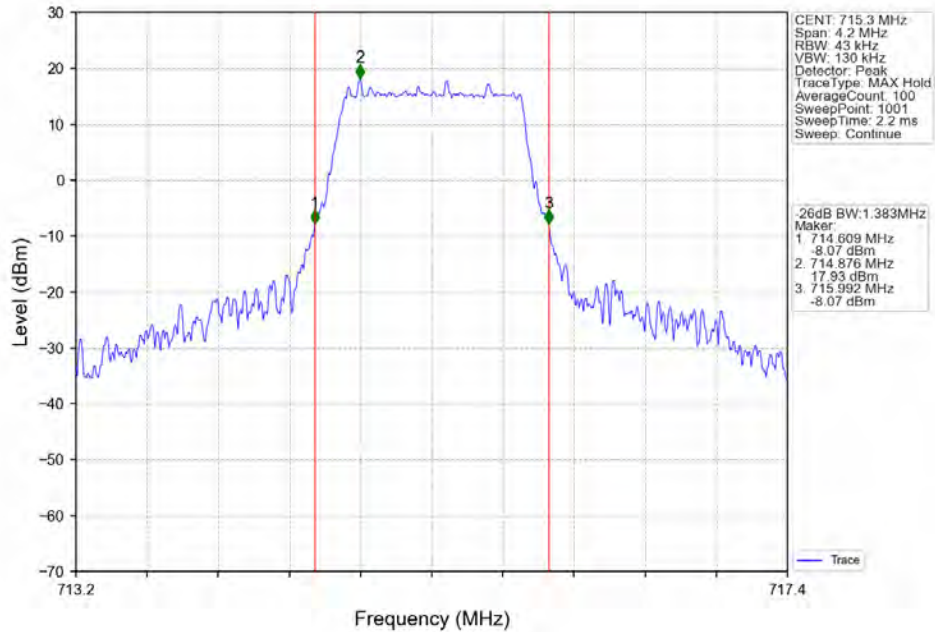
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Band12 1.4MHz 256QAM LCH 699.7MHz_RB_6_0 NTN



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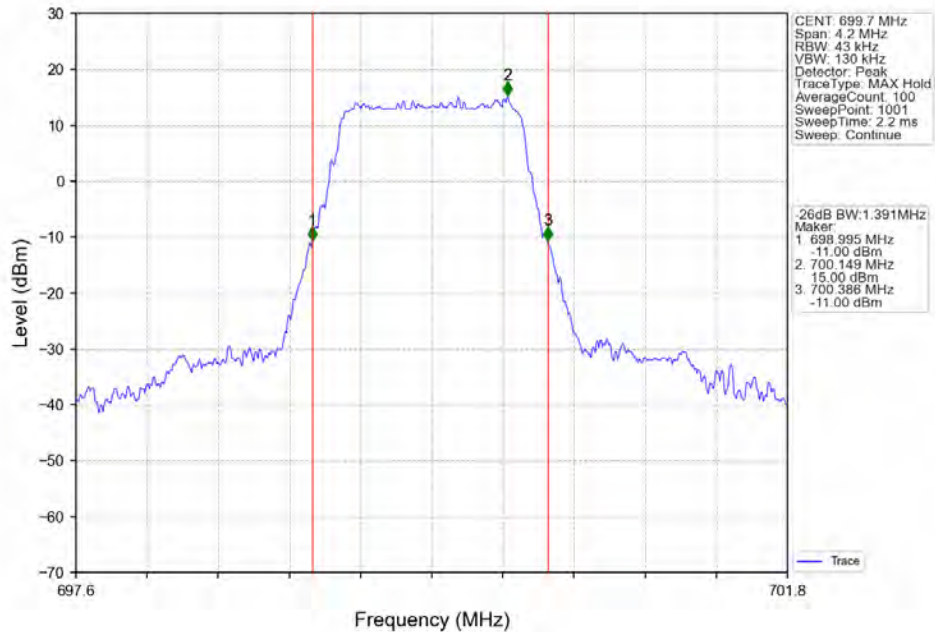
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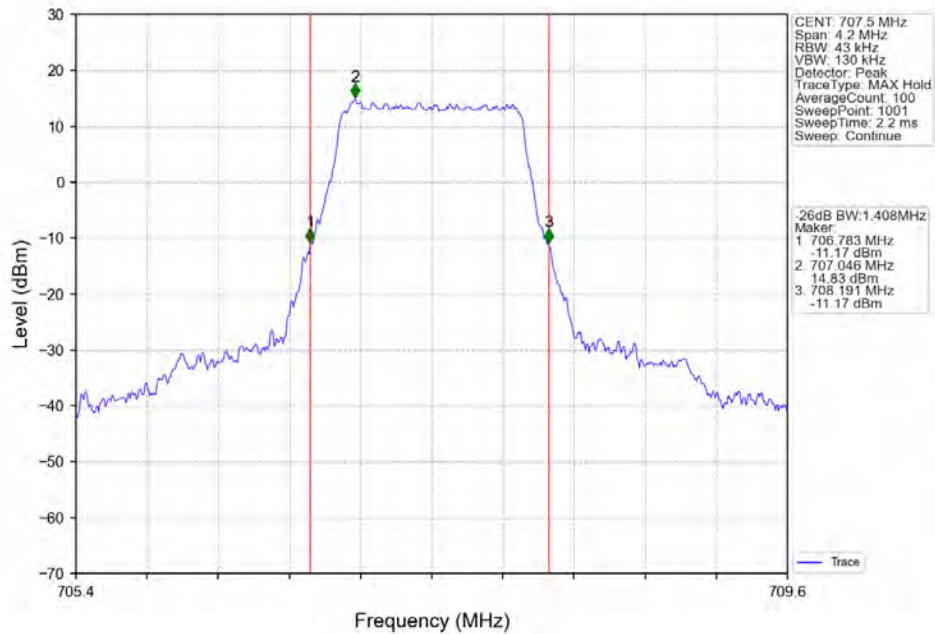
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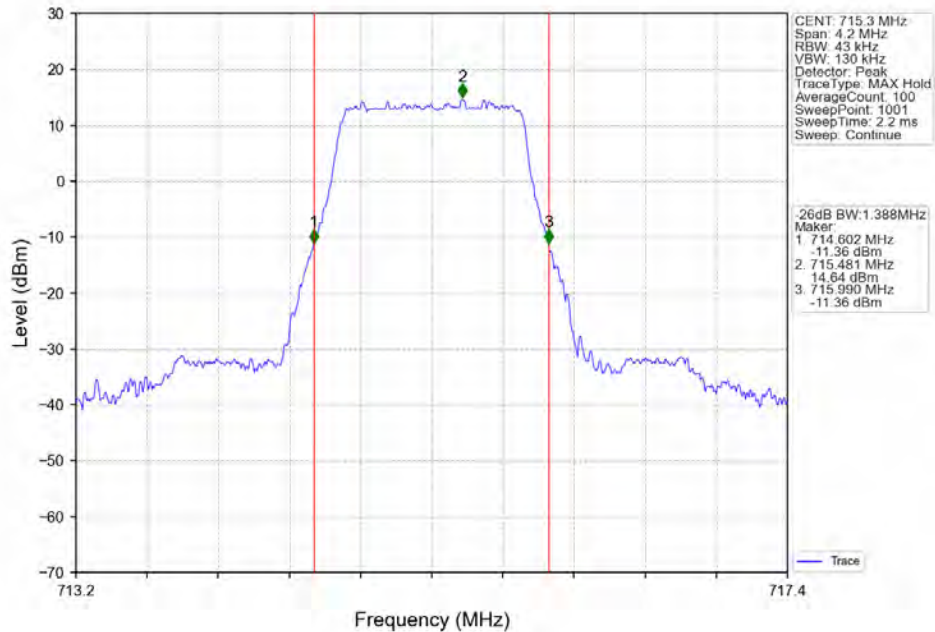
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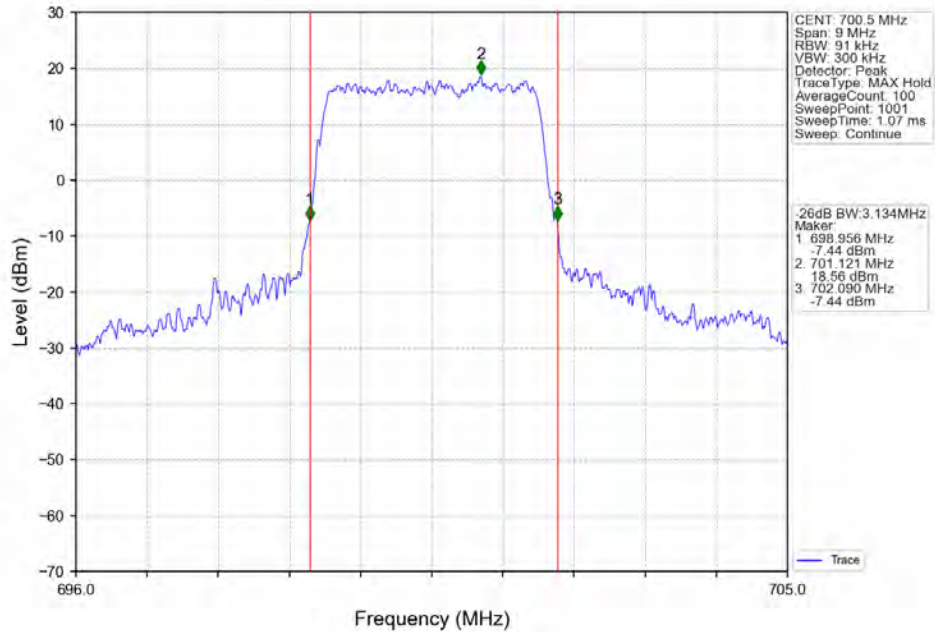
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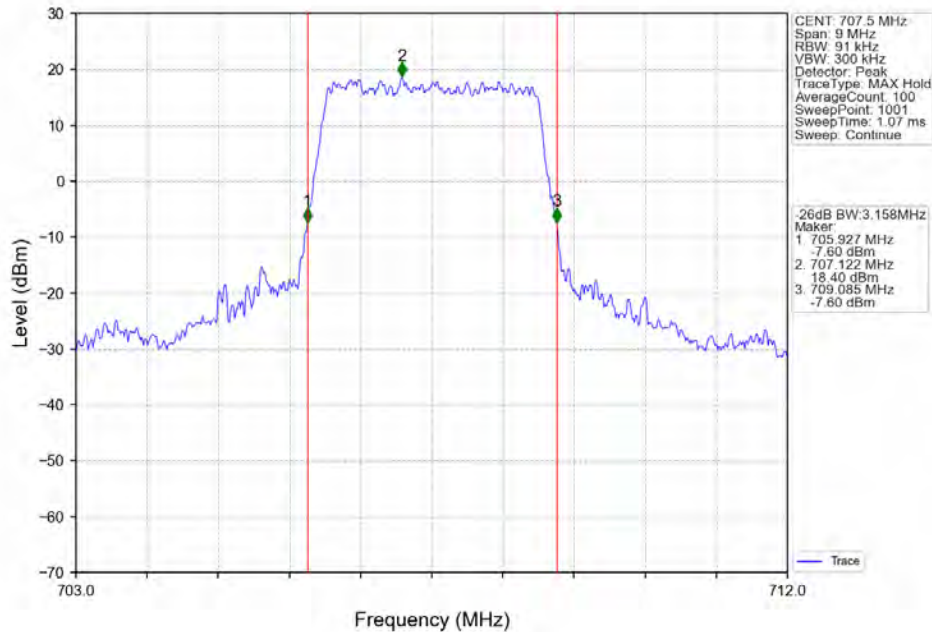
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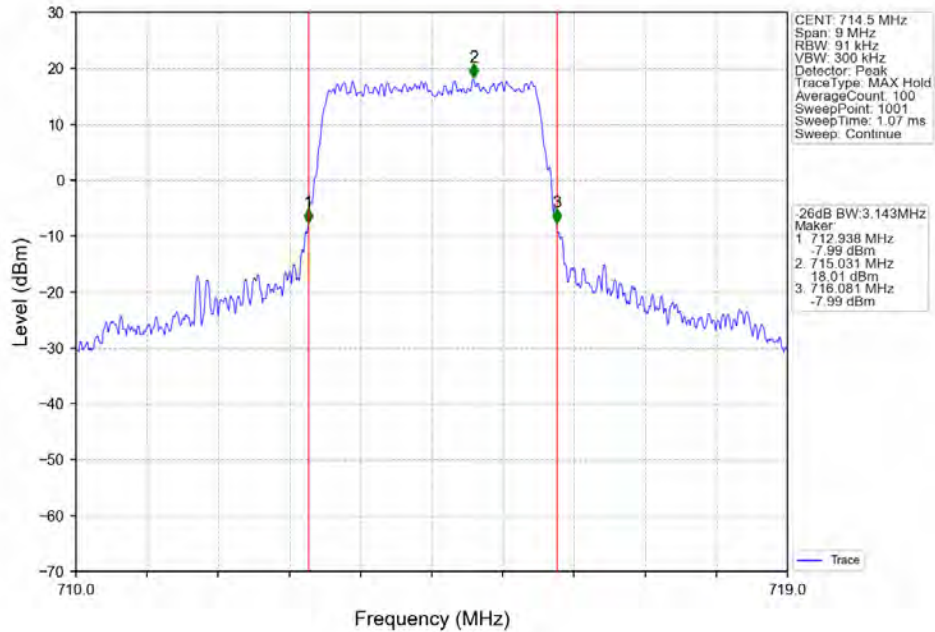
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



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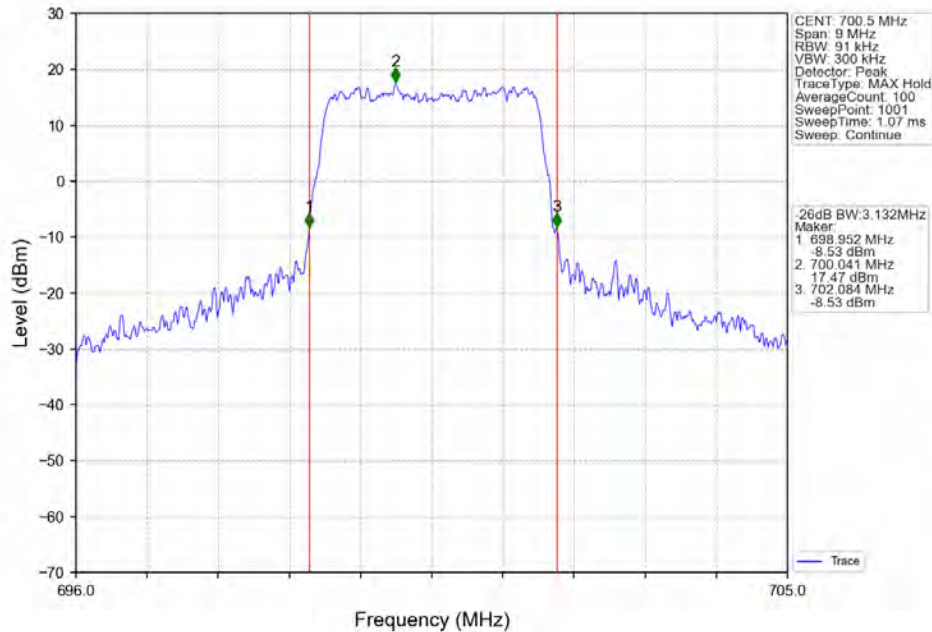
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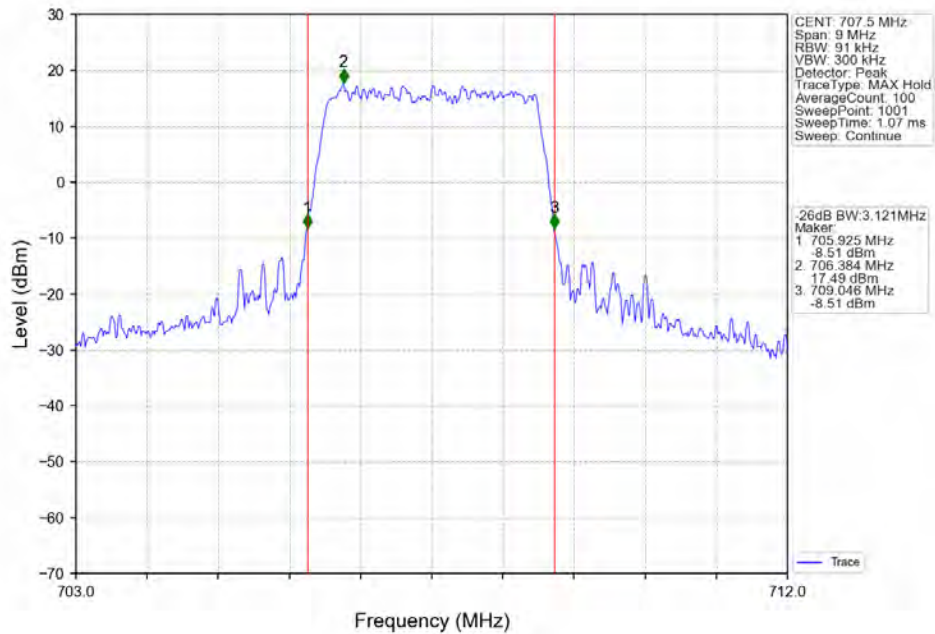
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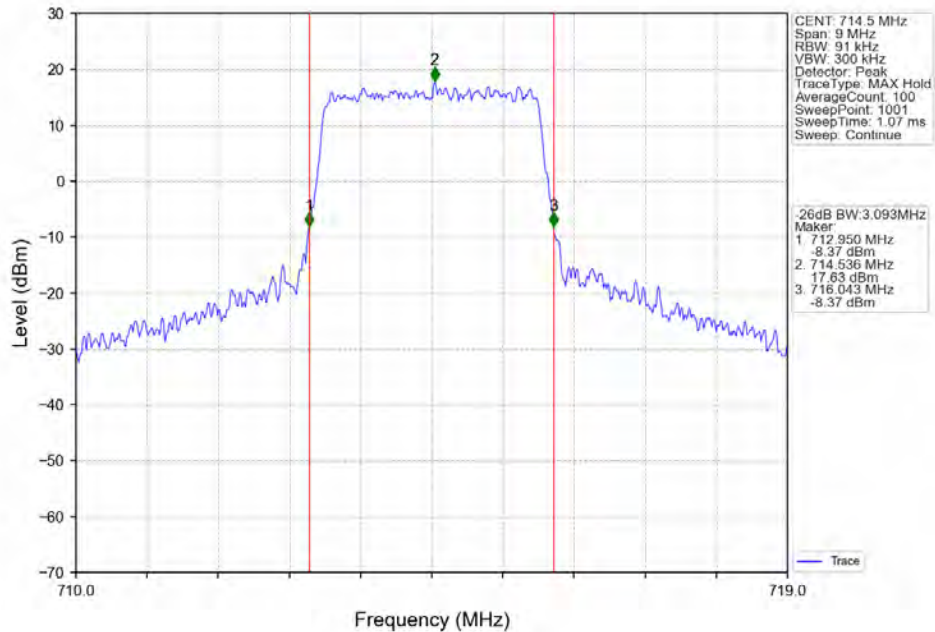
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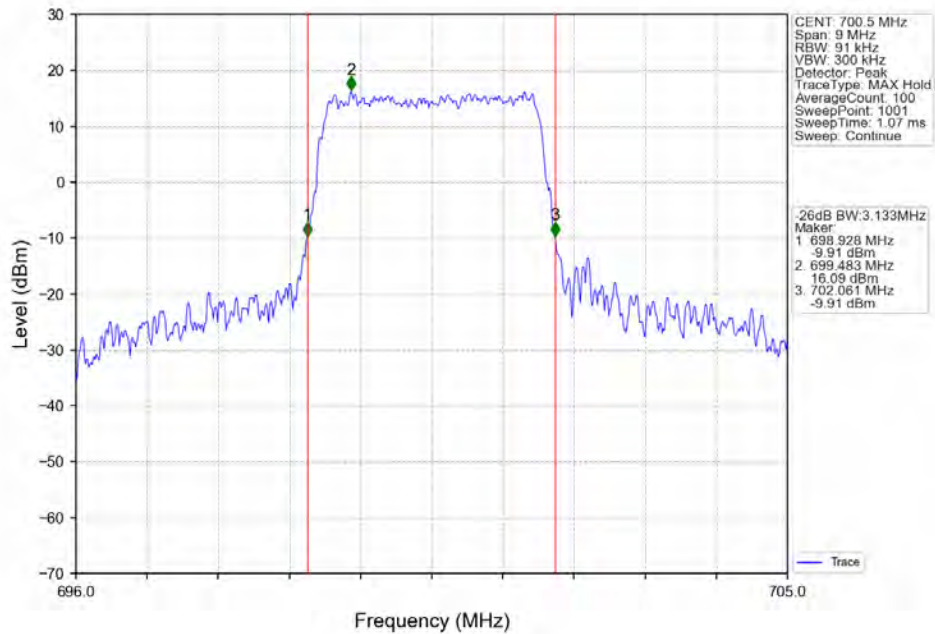
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Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



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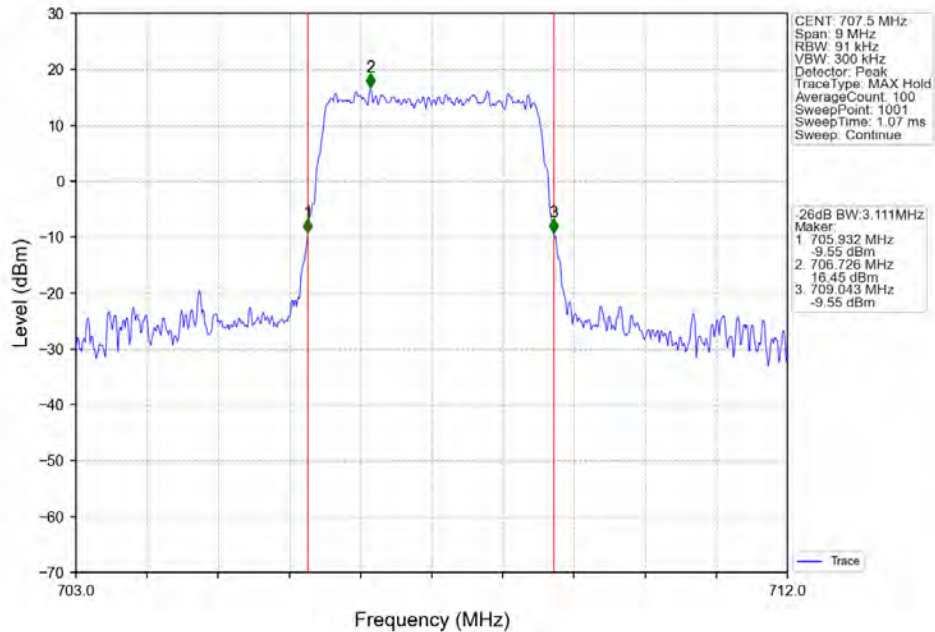
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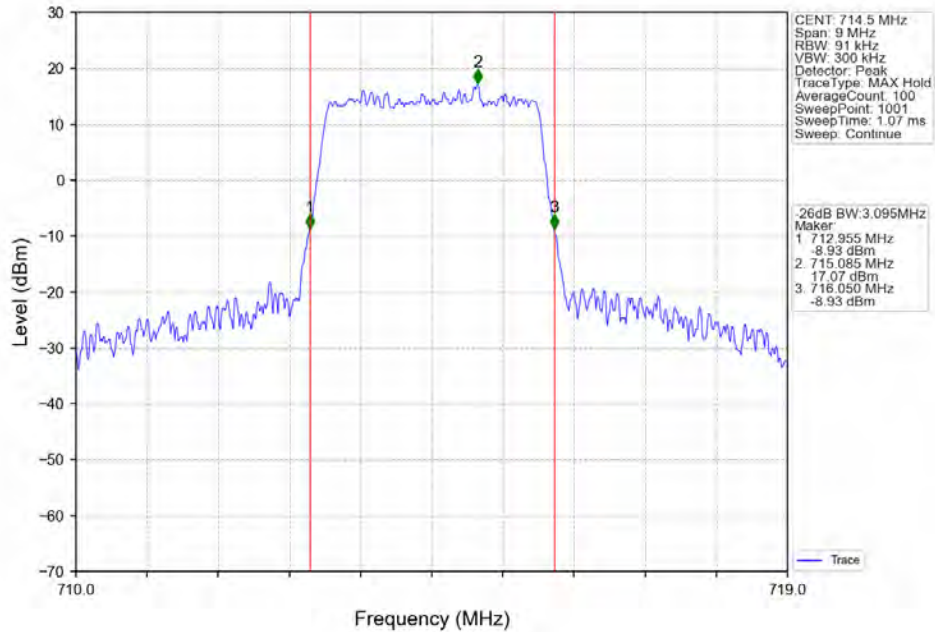
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Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



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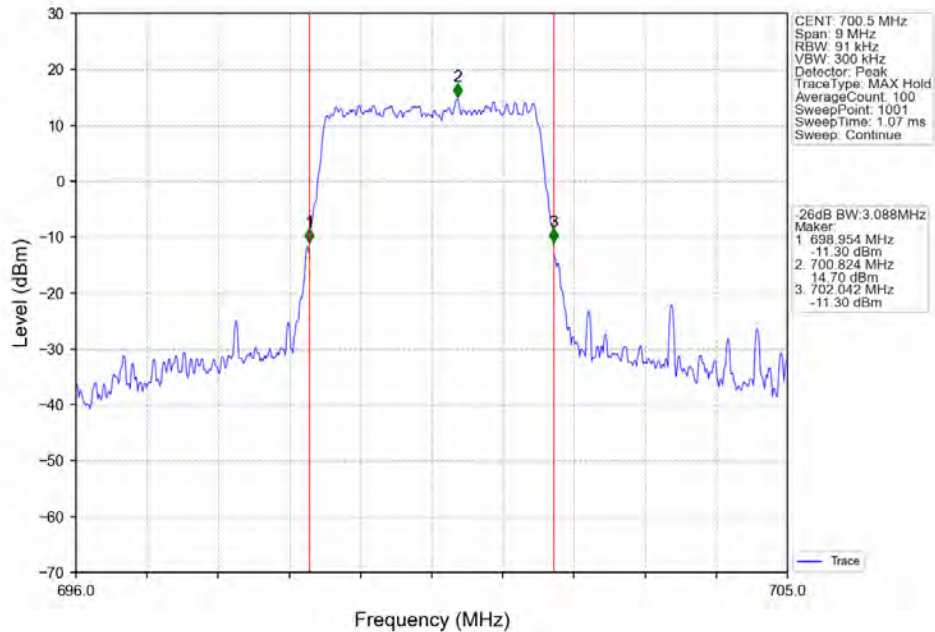
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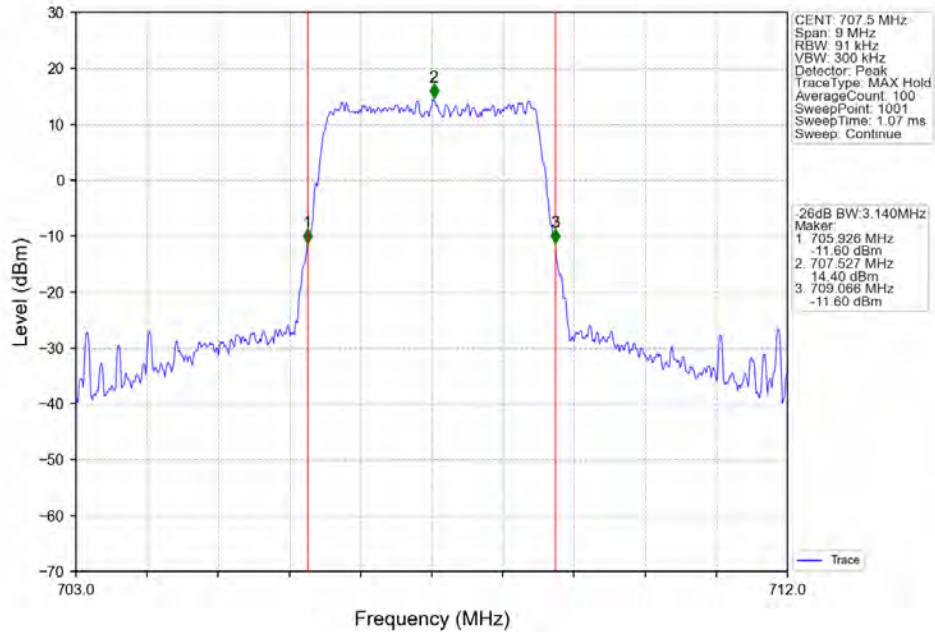
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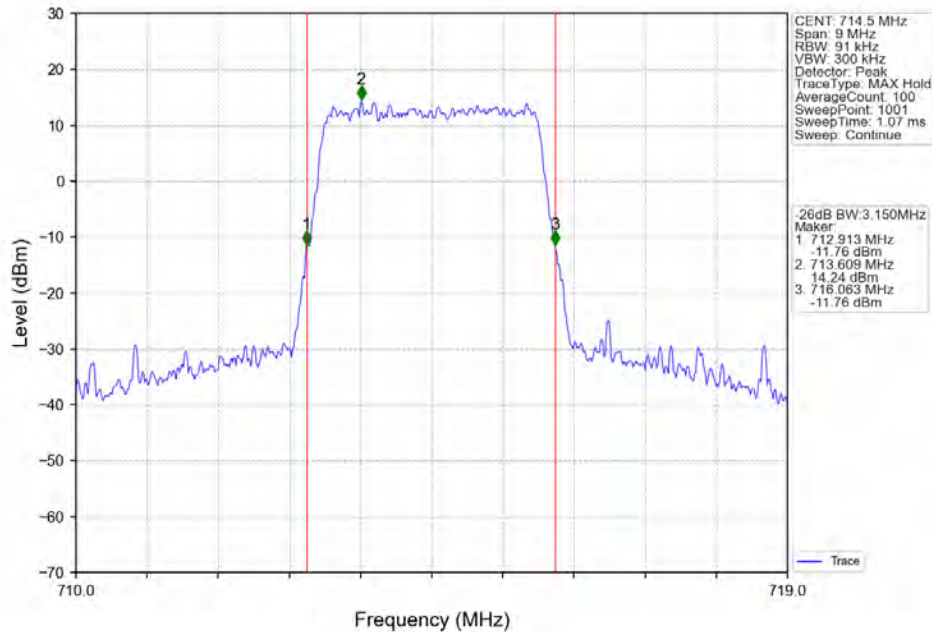
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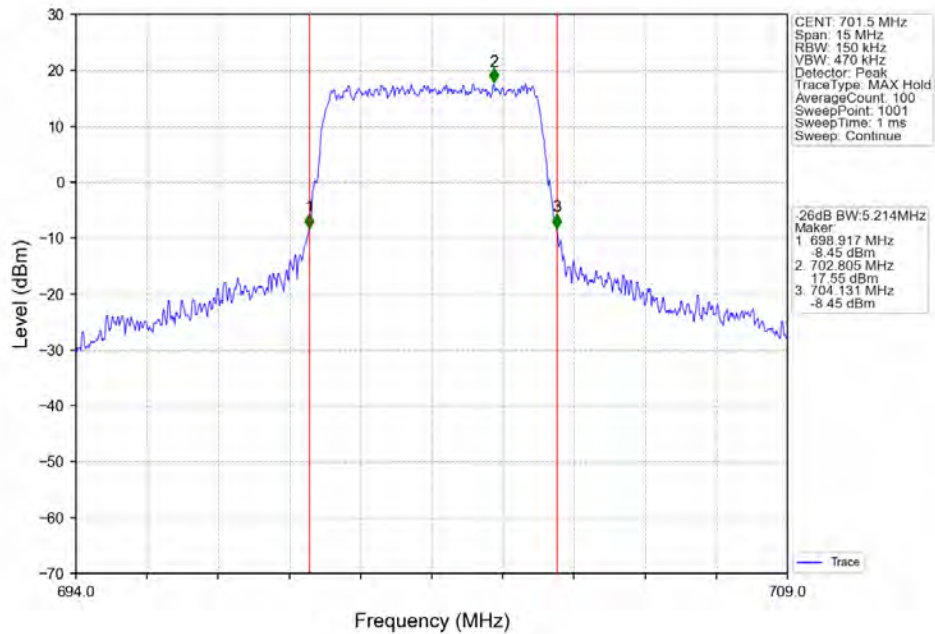
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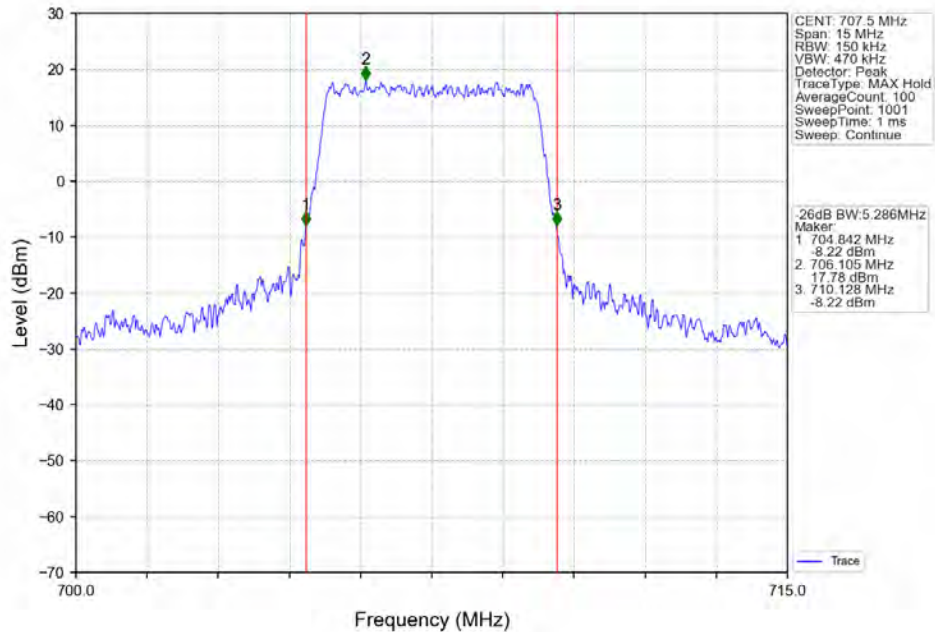
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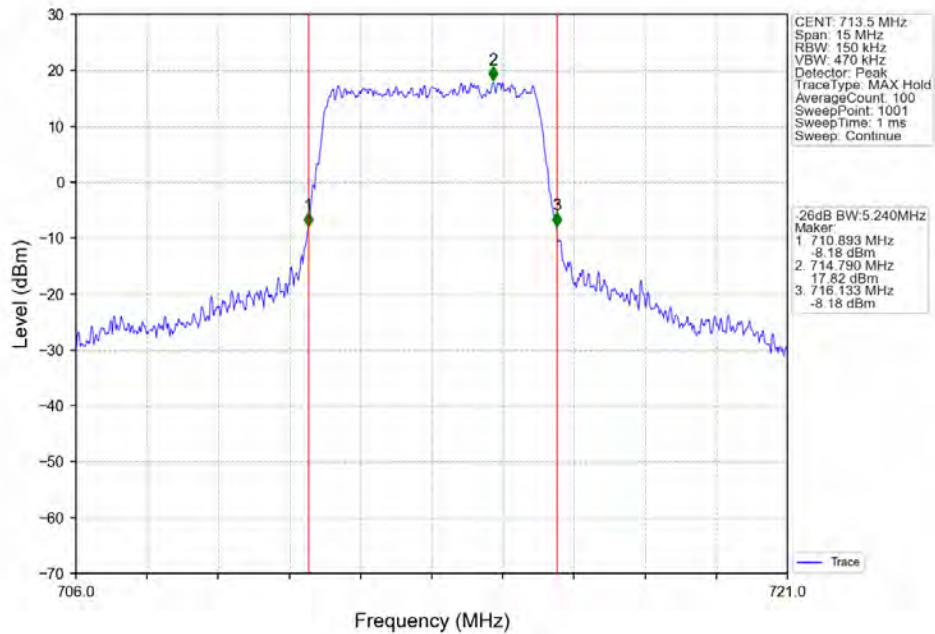
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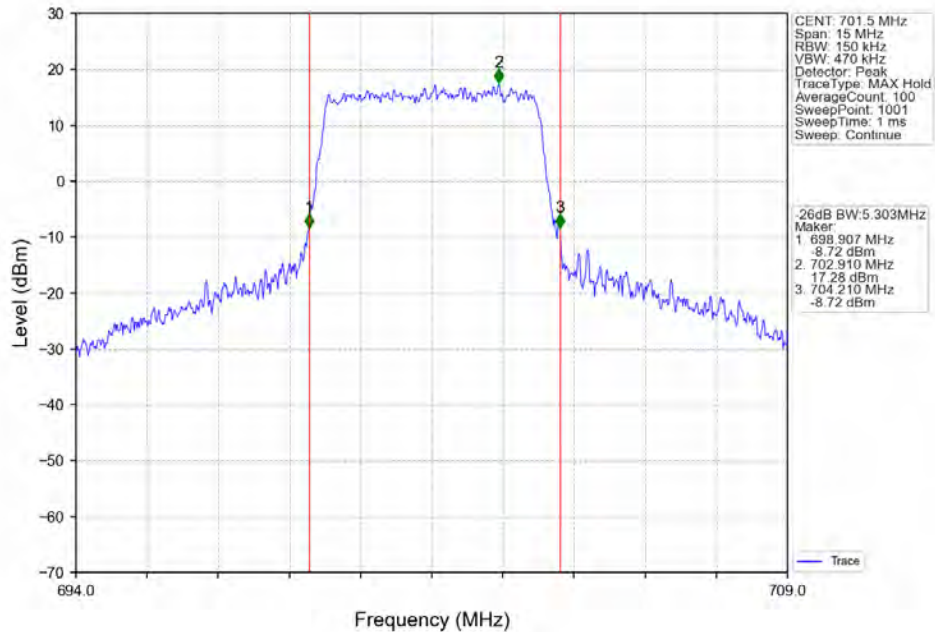
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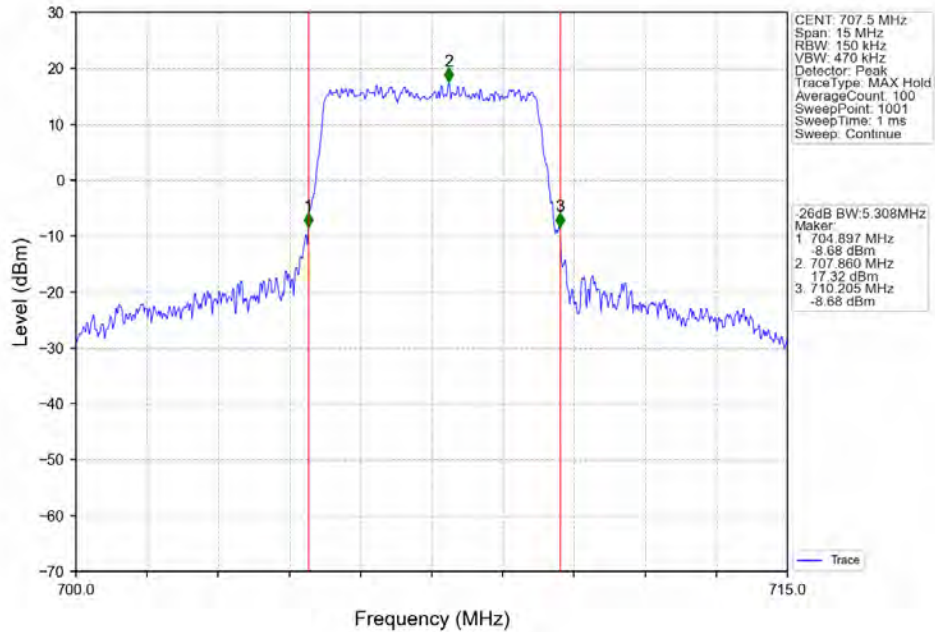
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Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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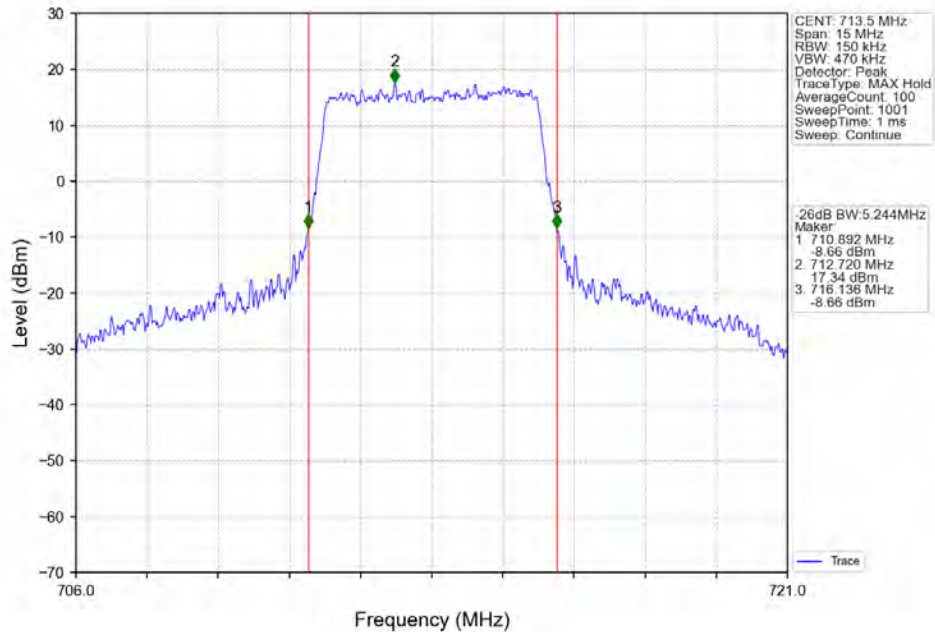
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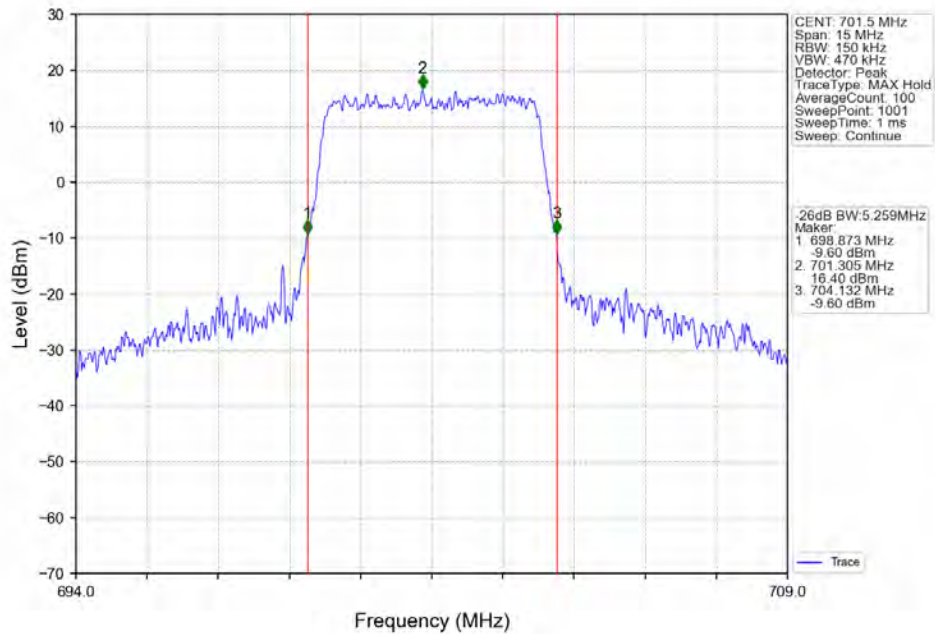
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Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



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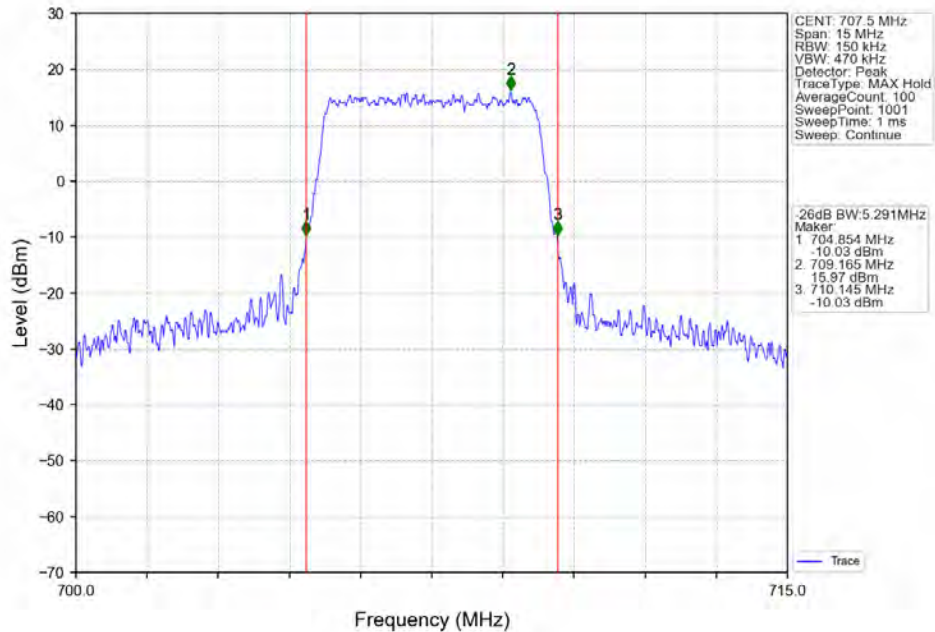
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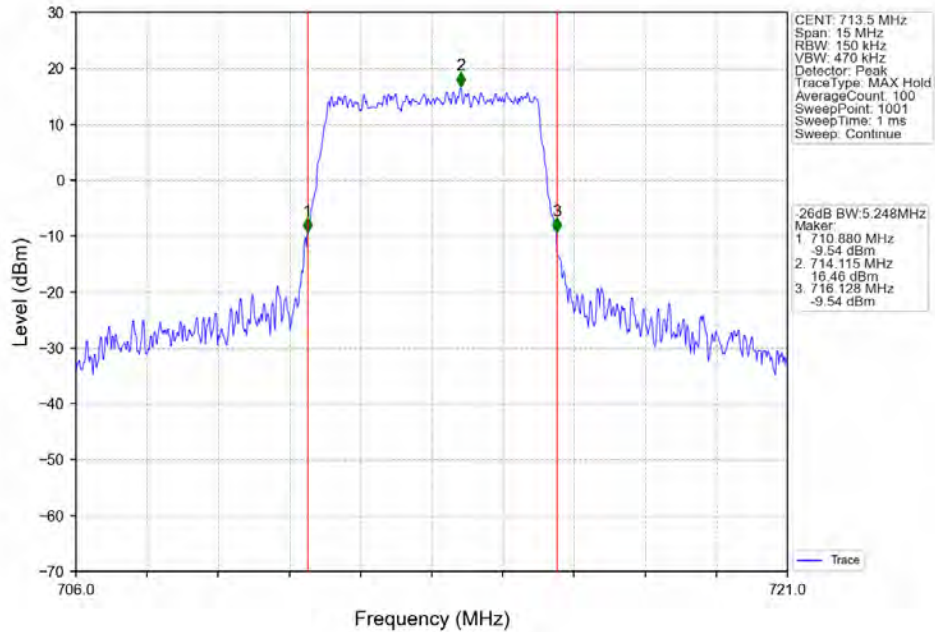
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Band12_5MHz_256QAM_LCH_701.5MHz_RB_25_0_NTNV



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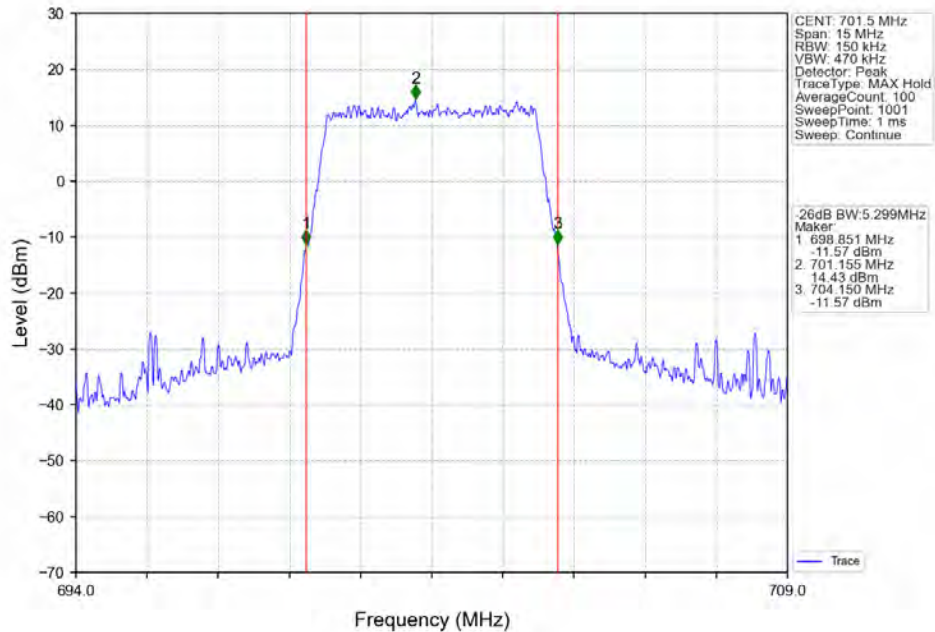
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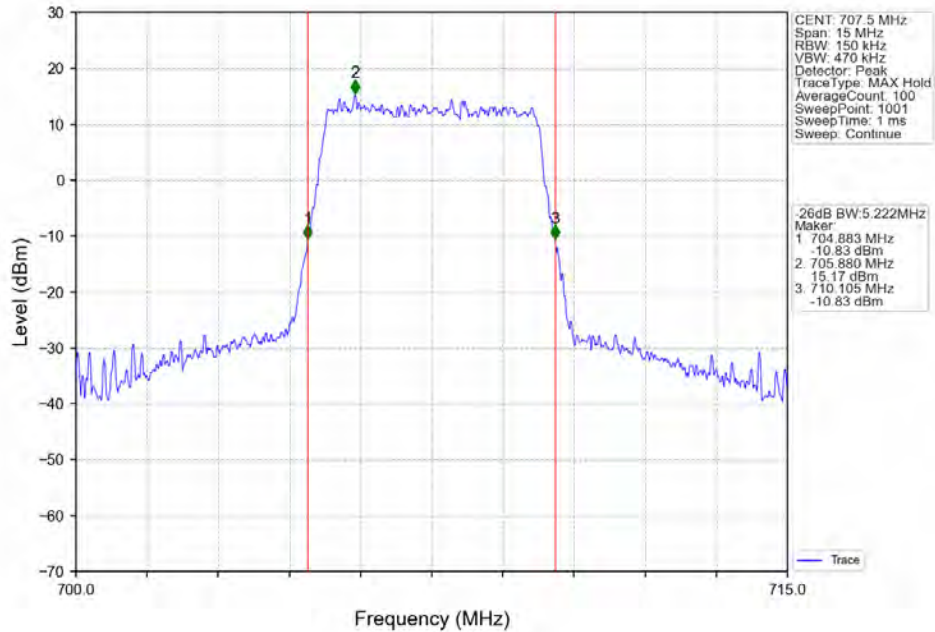
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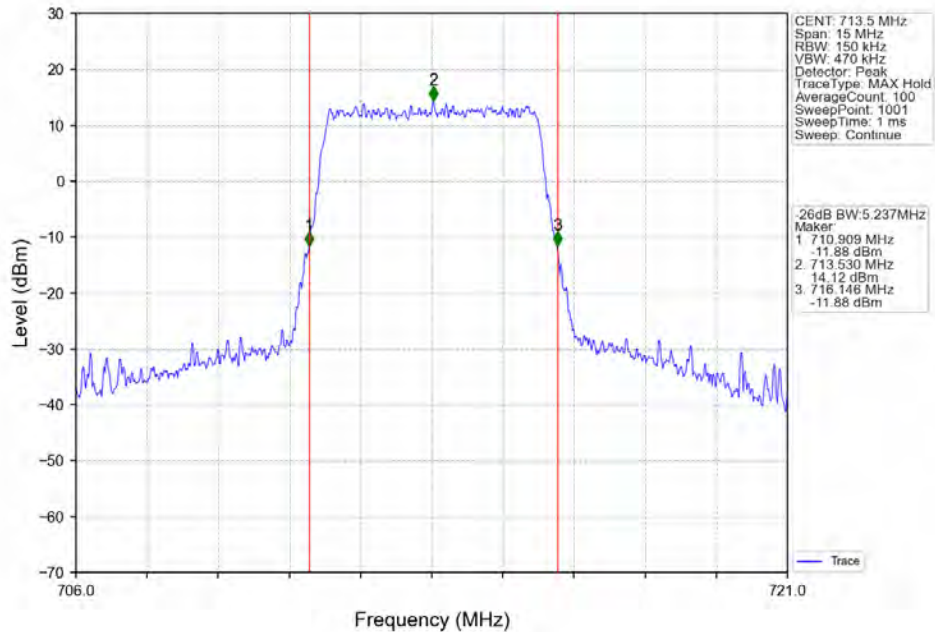
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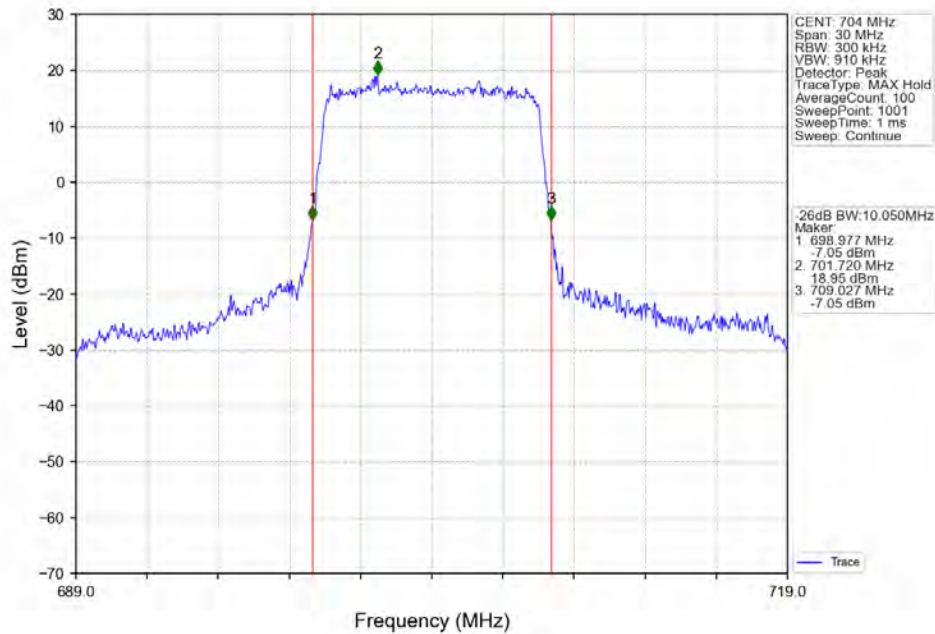
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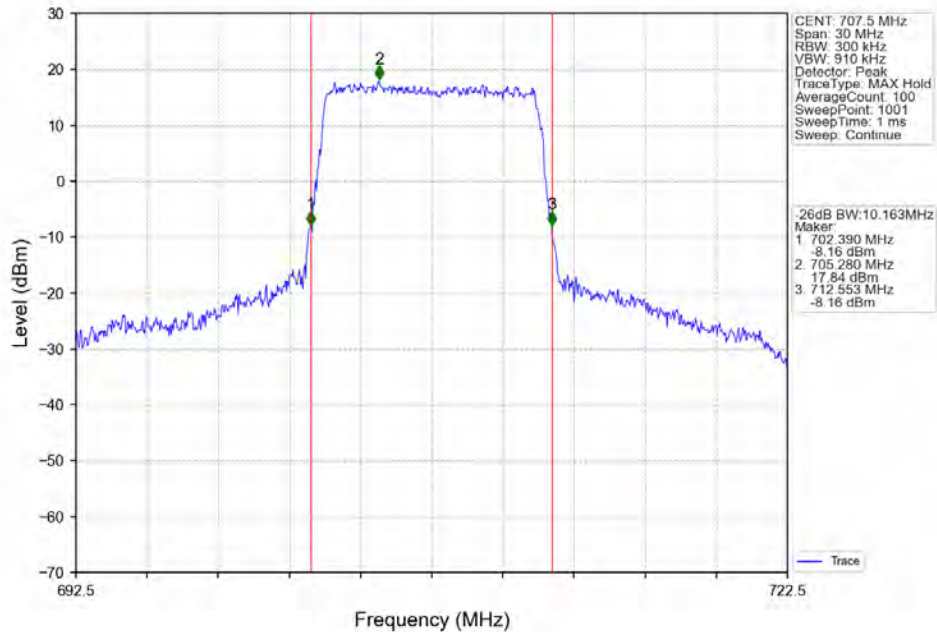
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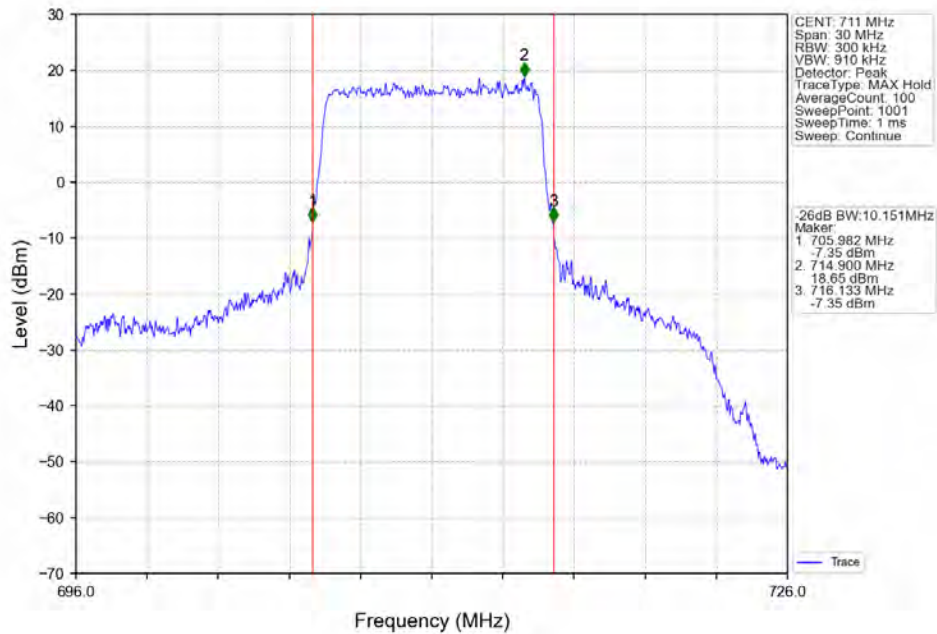
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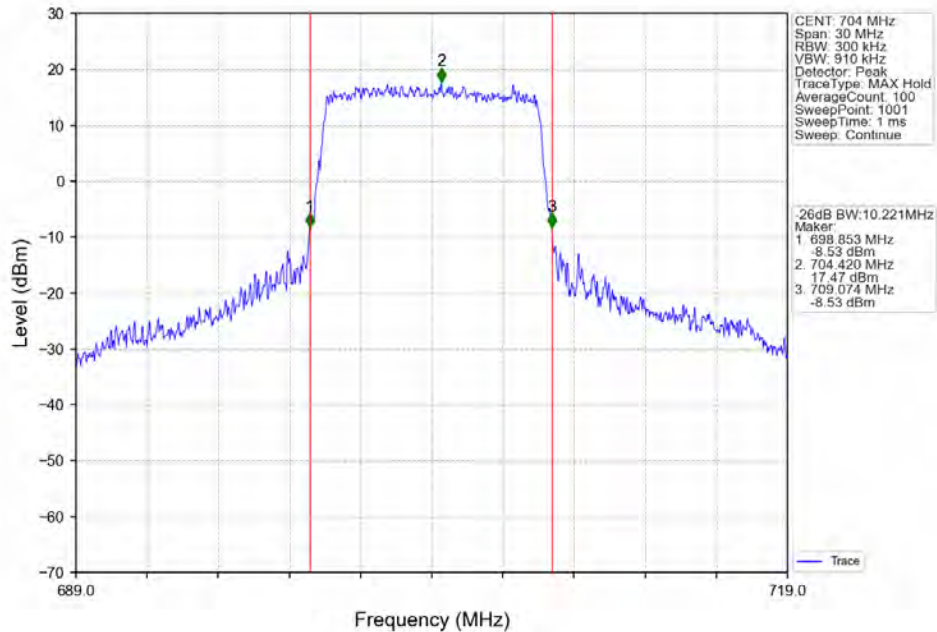
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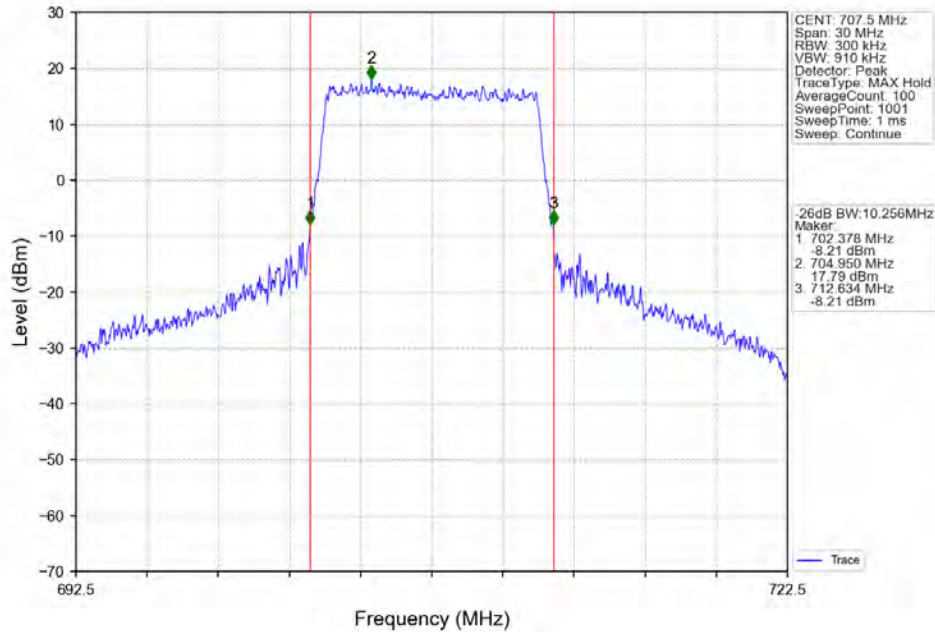
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Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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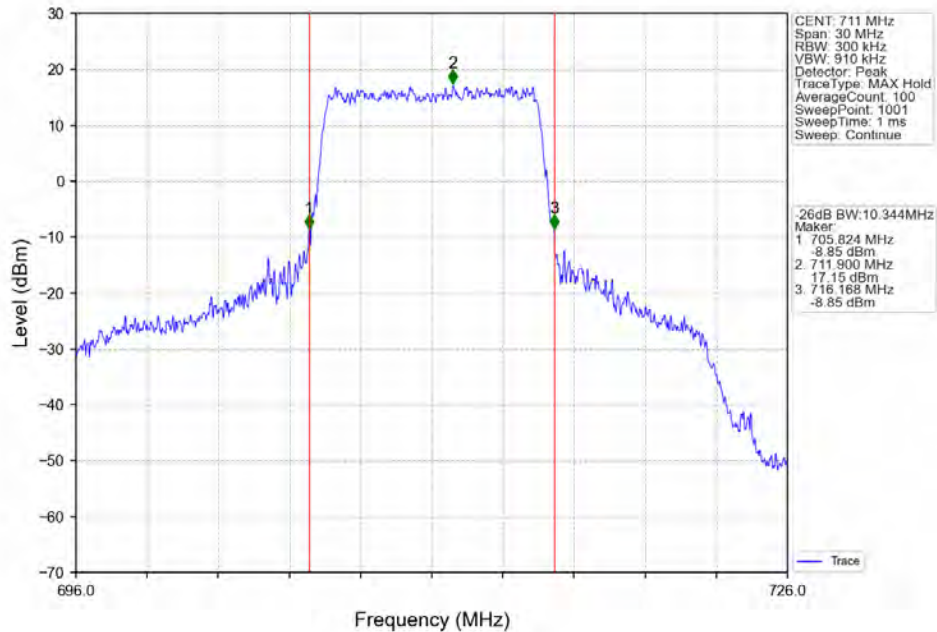
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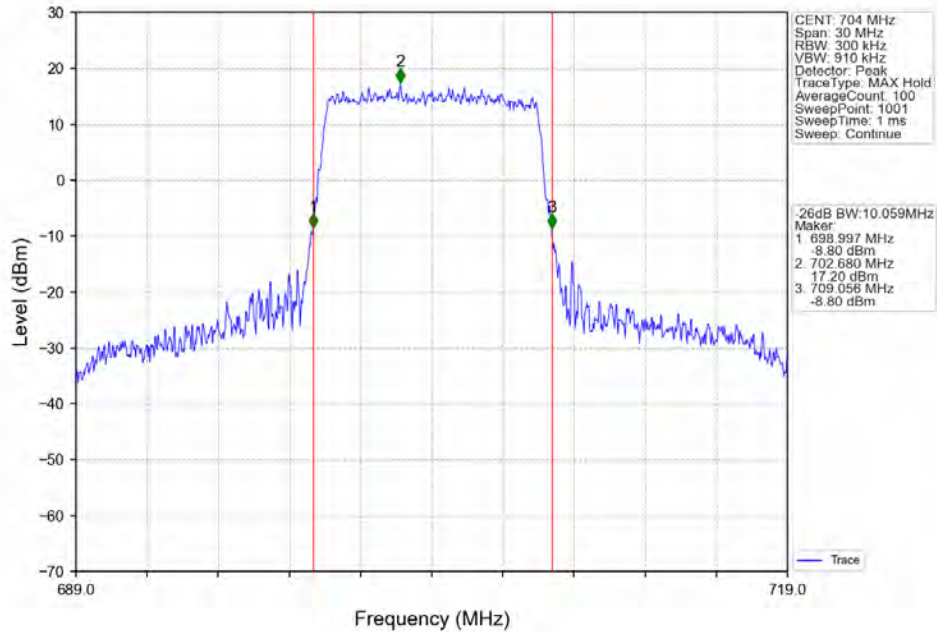
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Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



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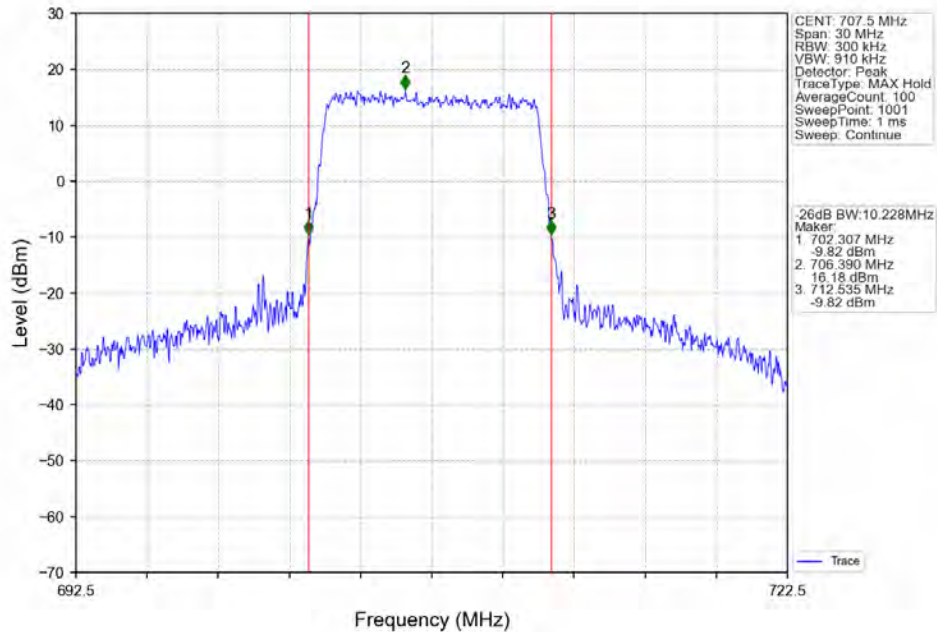
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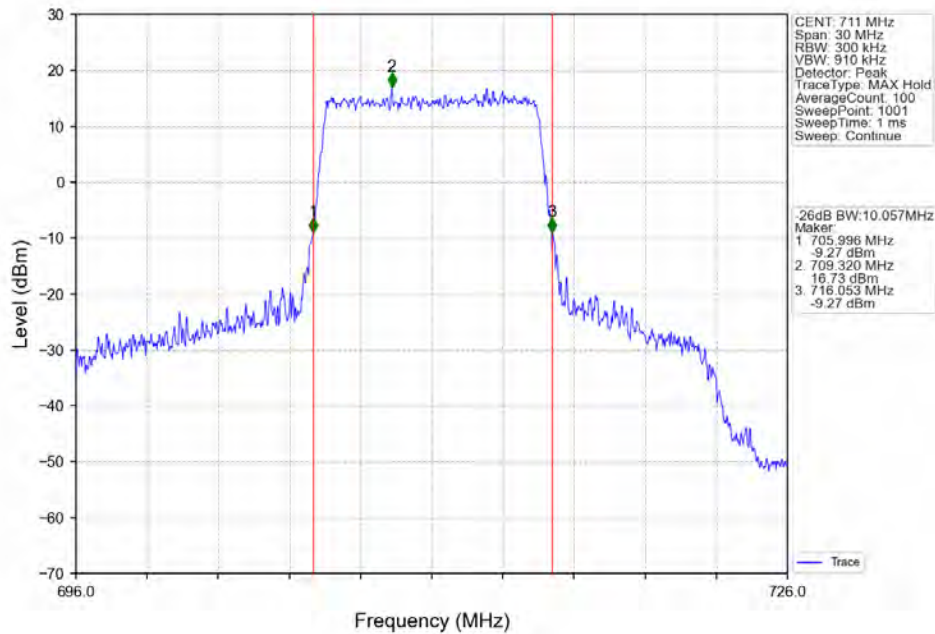
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Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



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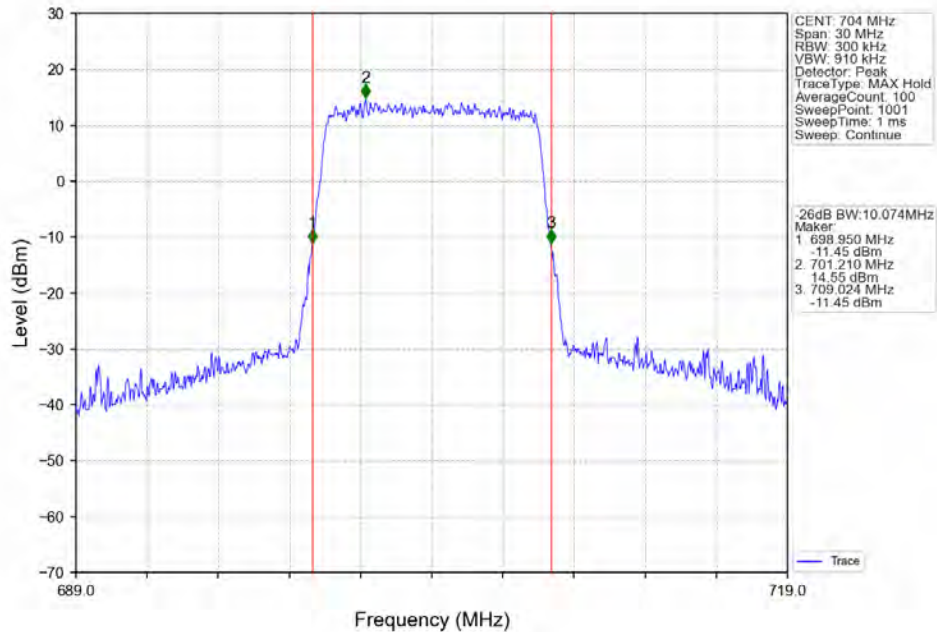
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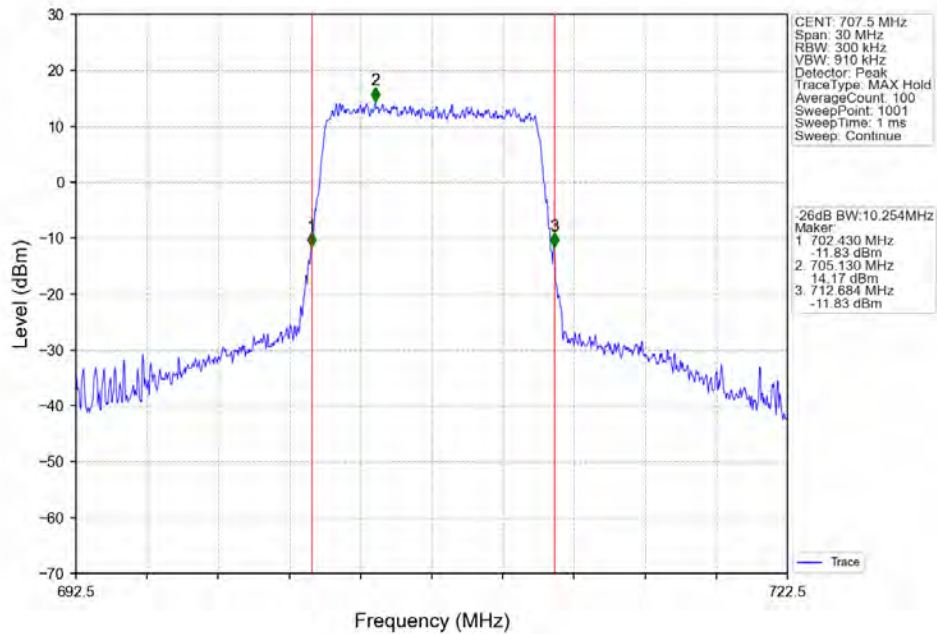
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Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



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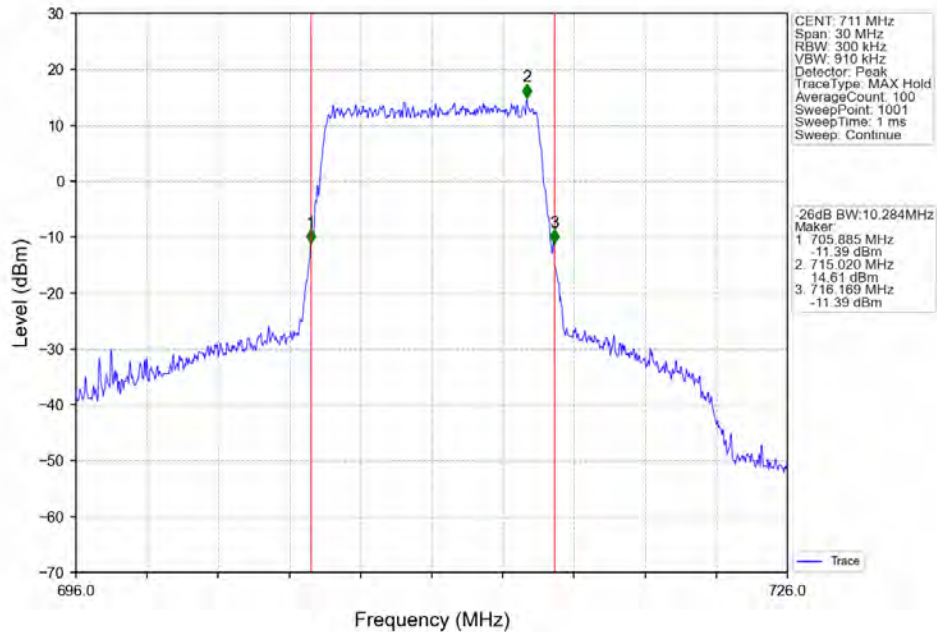
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5. Peak-Average Ratio

5.1 B12_1.4MHz

5.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	4.82	<=13	Pass
	707.5	6	0	5.22	<=13	Pass
	715.3	6	0	4.56	<=13	Pass
16QAM	699.7	6	0	5.77	<=13	Pass
	707.5	6	0	6.20	<=13	Pass
	715.3	6	0	5.52	<=13	Pass
64QAM	699.7	6	0	6.47	<=13	Pass
	707.5	6	0	6.83	<=13	Pass
	715.3	6	0	9.26	<=13	Pass
256QAM	699.7	6	0	7.21	<=13	Pass
	707.5	6	0	7.09	<=13	Pass
	715.3	6	0	6.88	<=13	Pass



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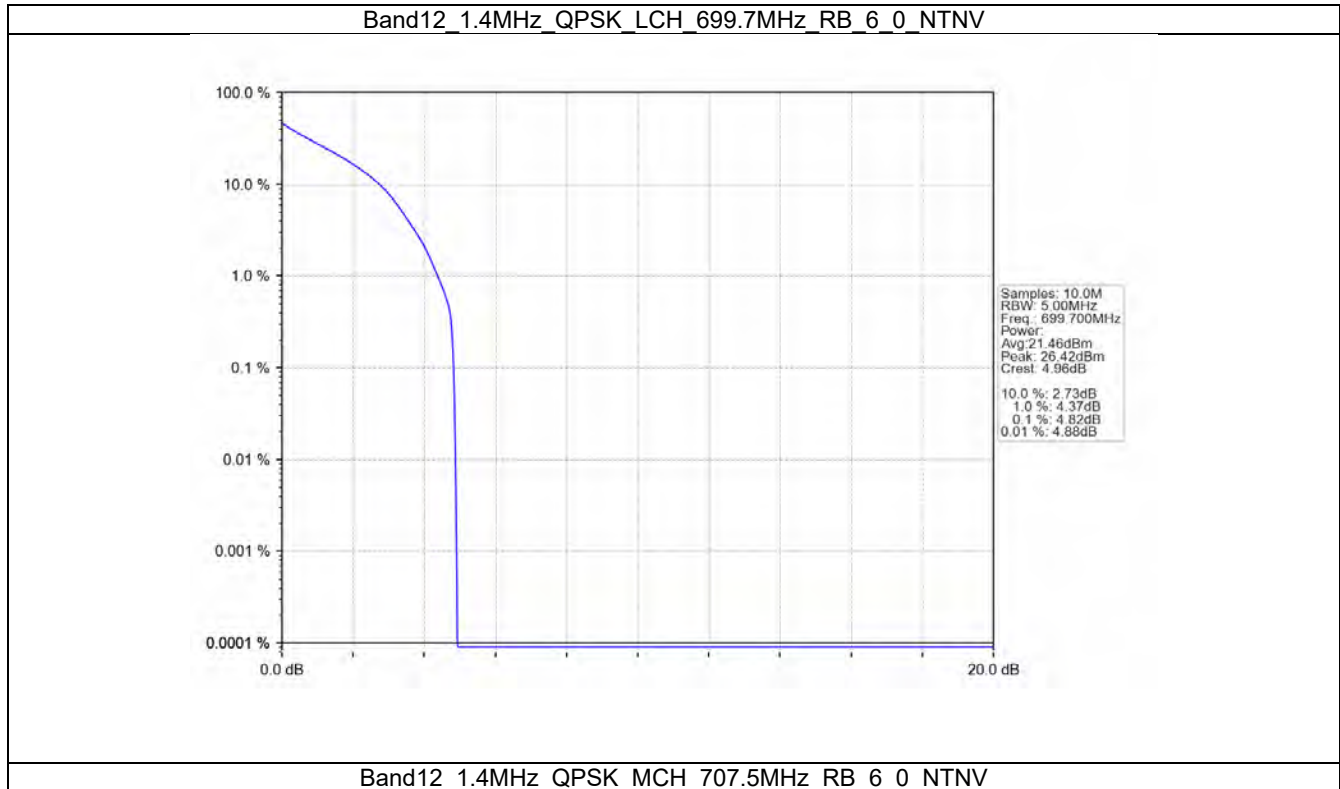
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5.1.2 Test Graph



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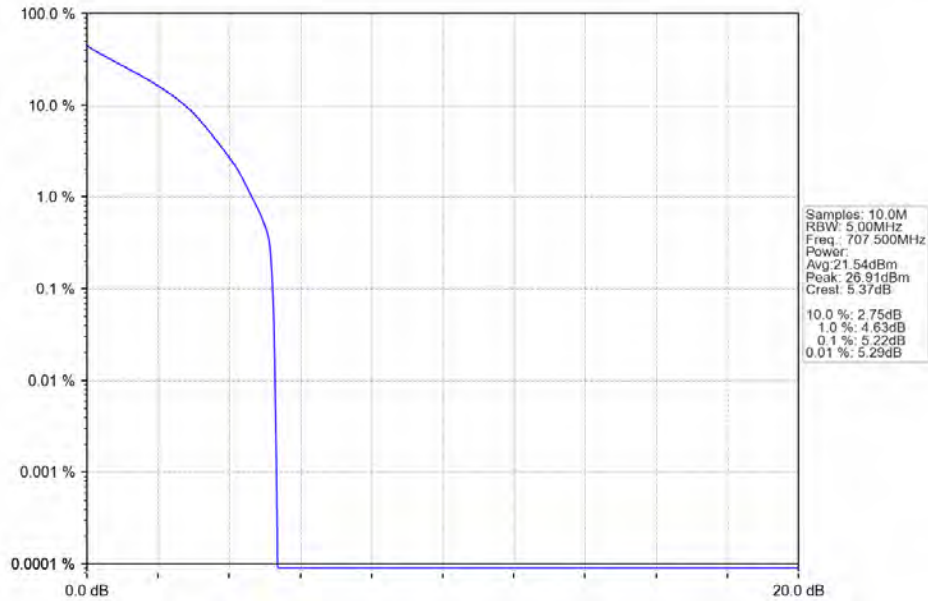
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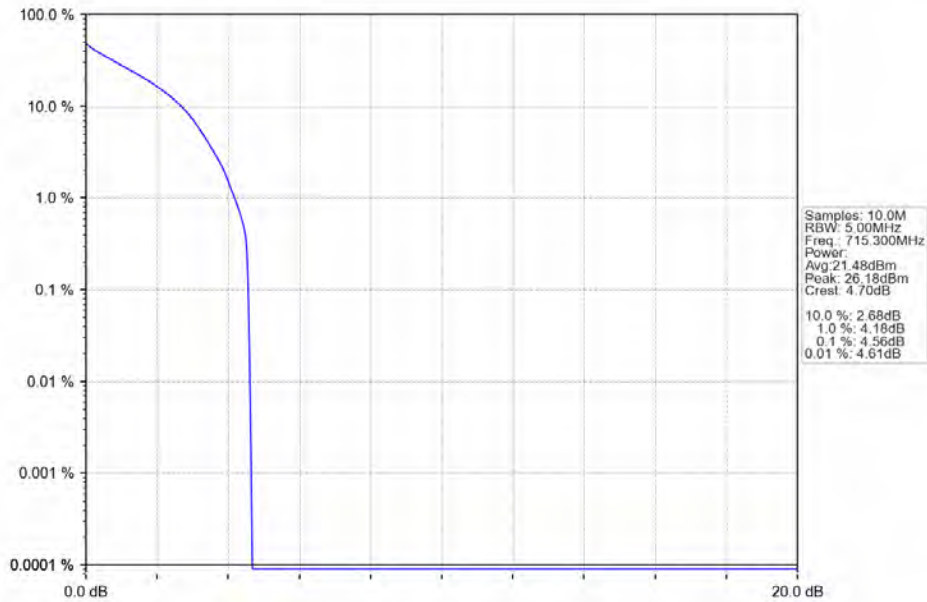
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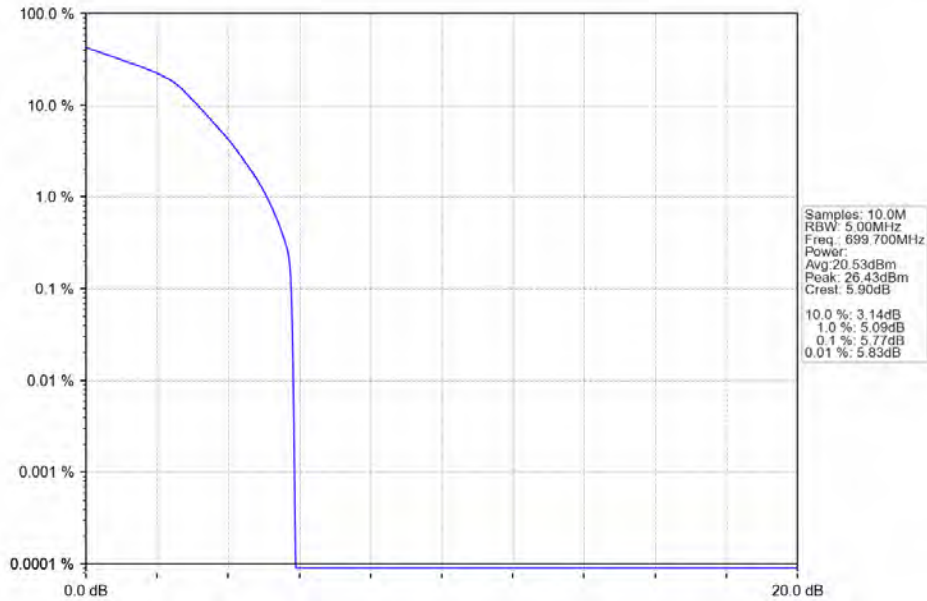
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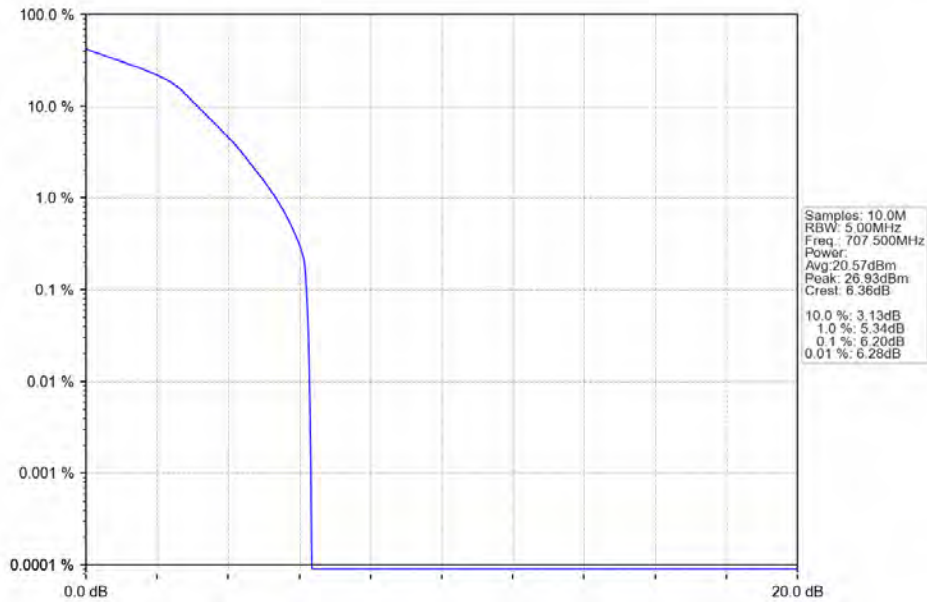
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Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



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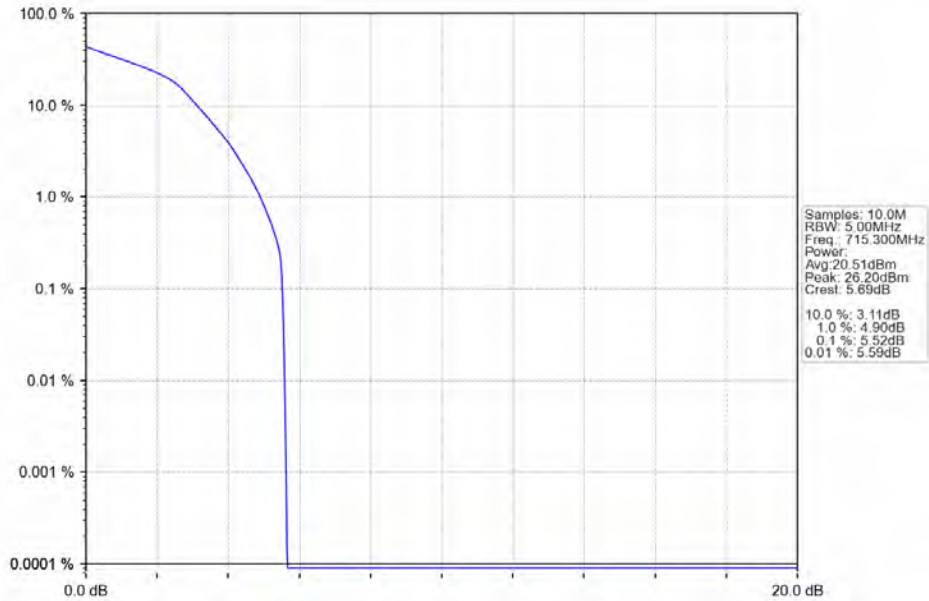
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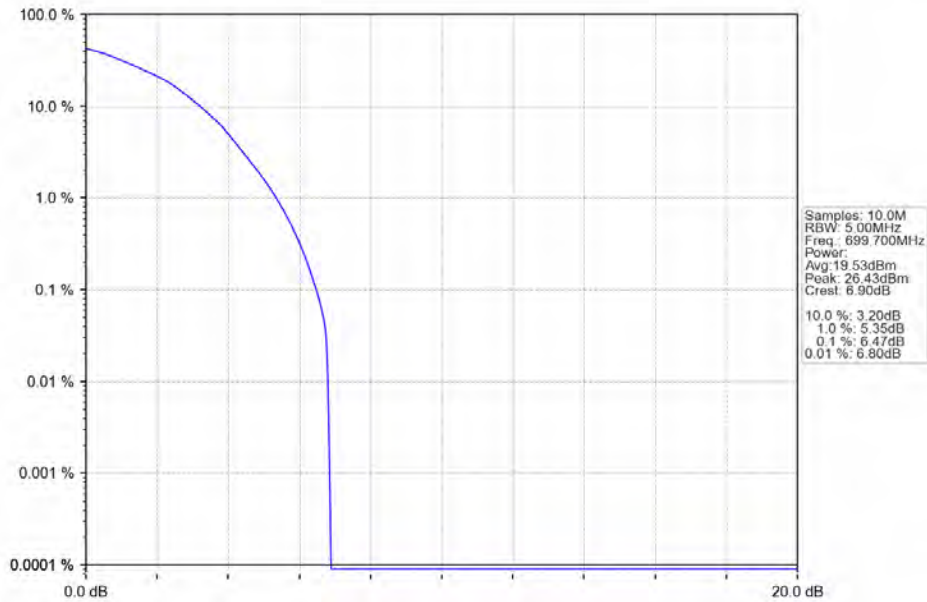
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Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



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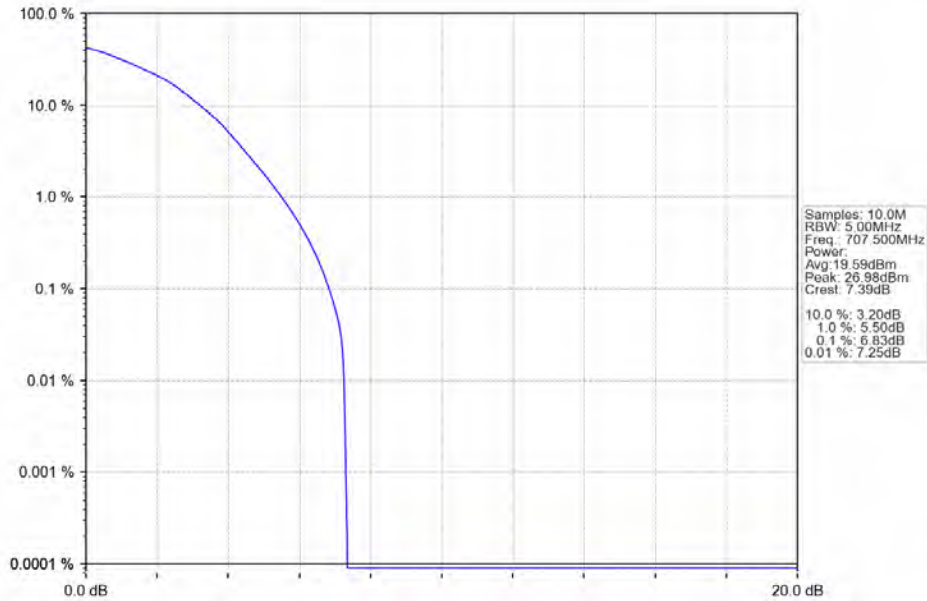
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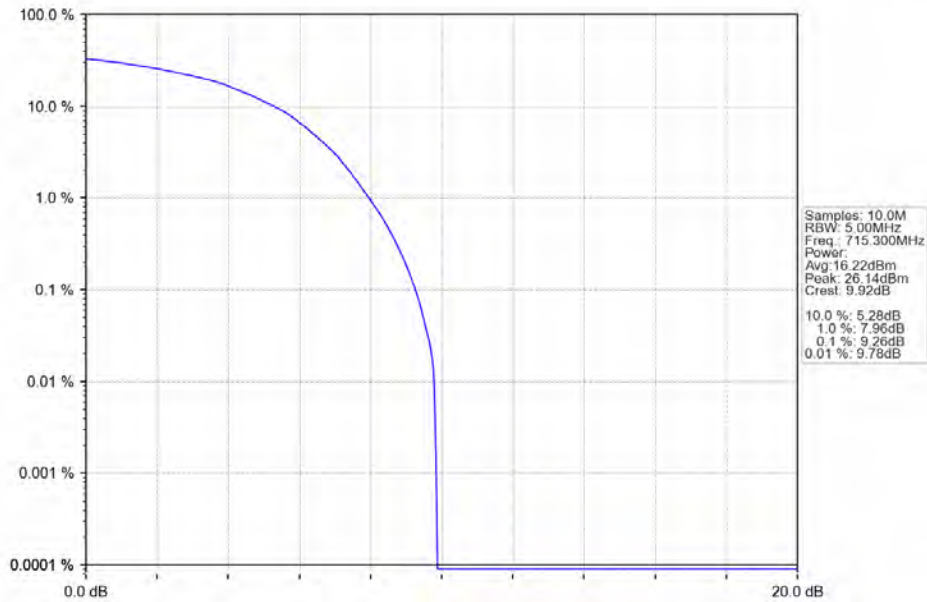
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Band12 1.4MHz 64QAM HCH 715.3MHz_RB_6_0 NTN



Band12 1.4MHz 256QAM LCH 699.7MHz_RB_6_0 NTN



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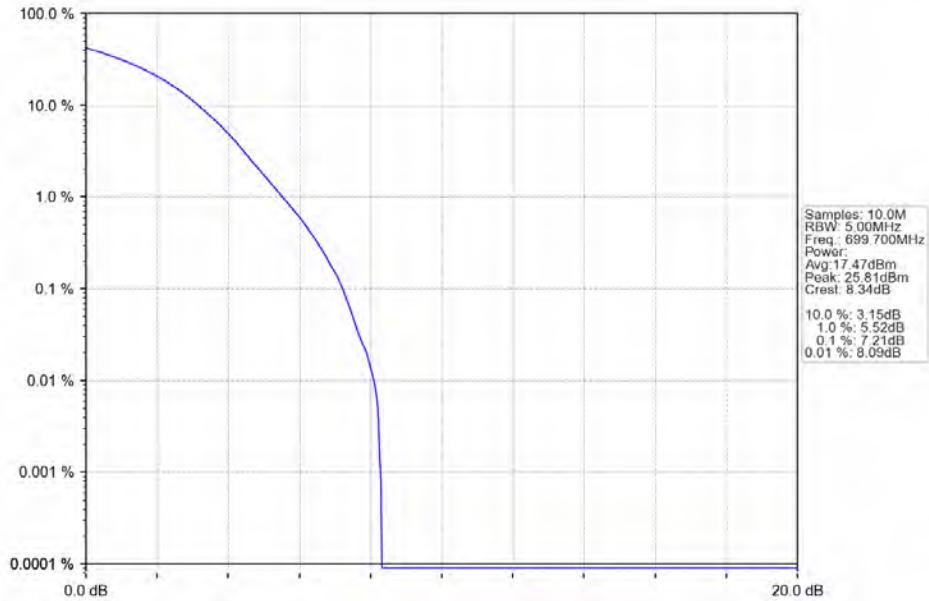
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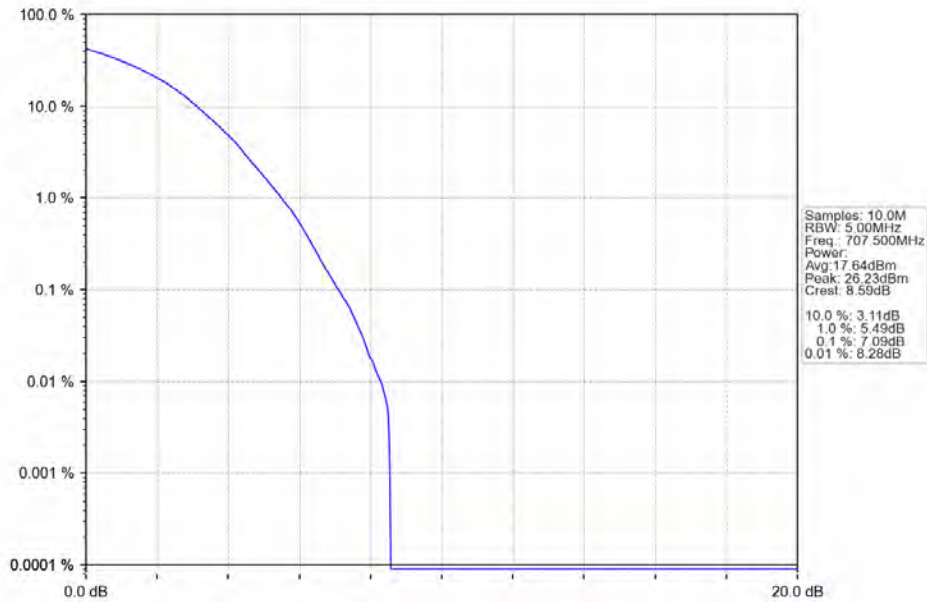
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Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_6_0_NTNV



Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



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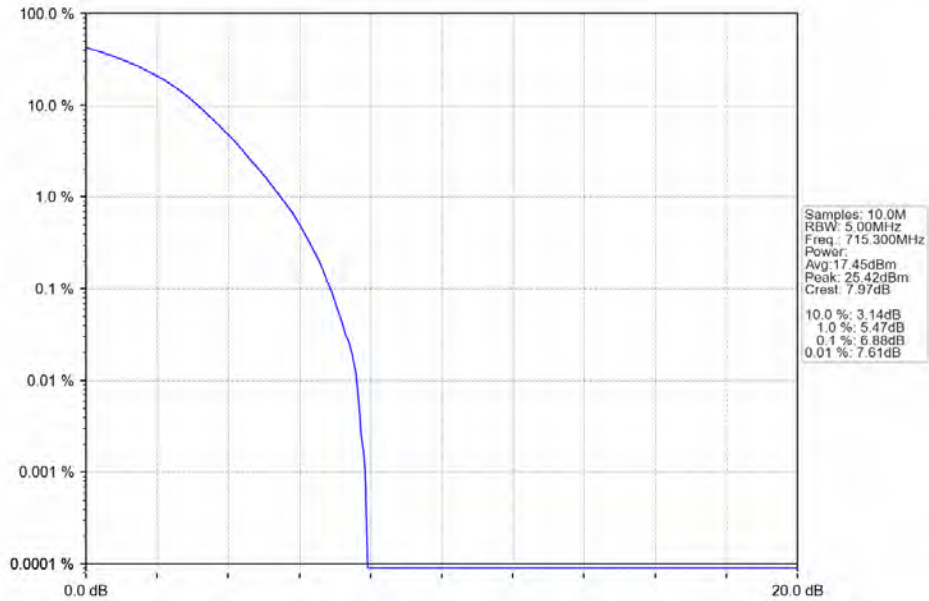
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5.2 B12_3MHz

5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	4.91	<=13	Pass
	707.5	15	0	5.36	<=13	Pass
	714.5	15	0	4.85	<=13	Pass
16QAM	700.5	15	0	5.81	<=13	Pass
	707.5	15	0	6.27	<=13	Pass
	714.5	15	0	5.88	<=13	Pass
64QAM	700.5	15	0	6.45	<=13	Pass
	707.5	15	0	6.82	<=13	Pass
	714.5	15	0	10.23	<=13	Pass
256QAM	700.5	15	0	6.93	<=13	Pass
	707.5	15	0	7.07	<=13	Pass
	714.5	15	0	6.92	<=13	Pass



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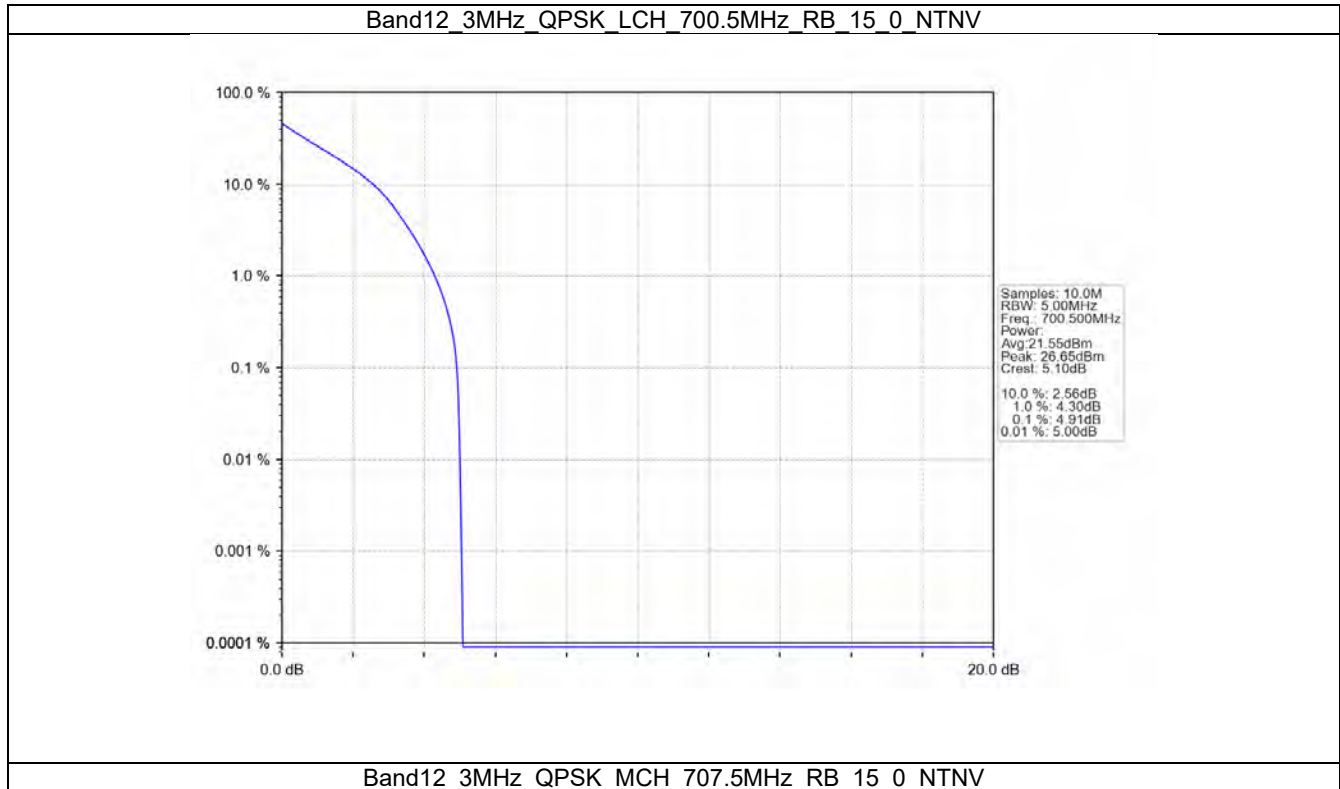
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5.2.2 Test Graph



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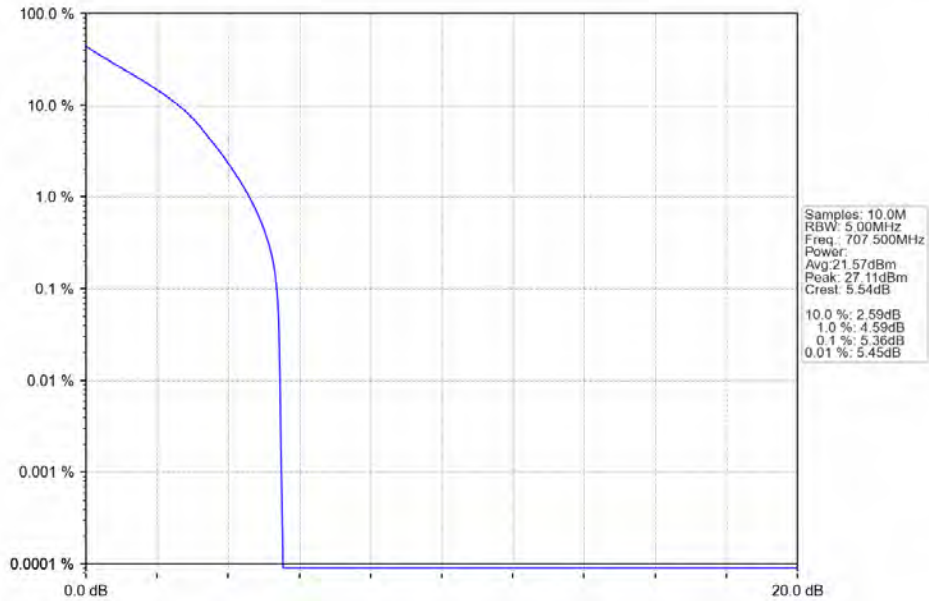
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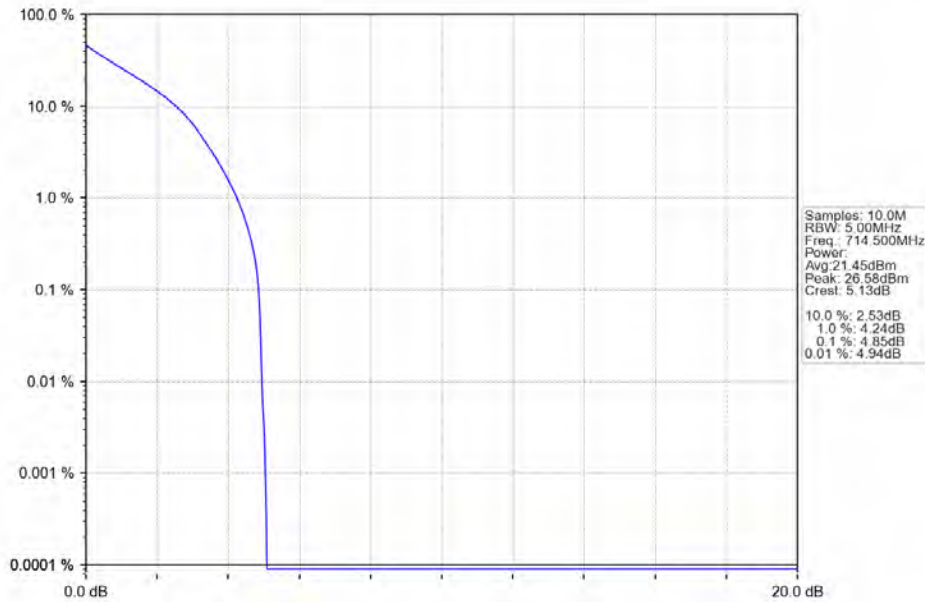
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



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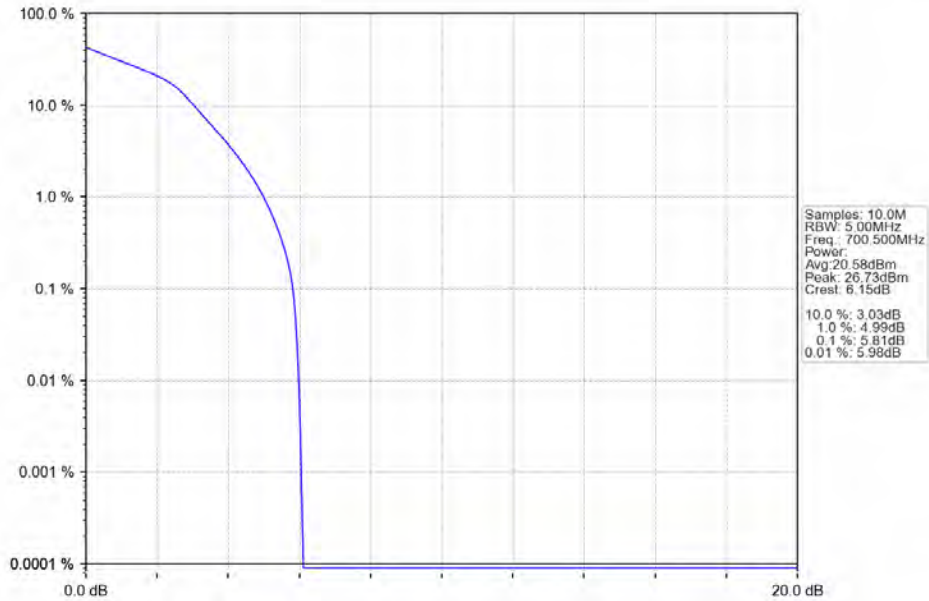
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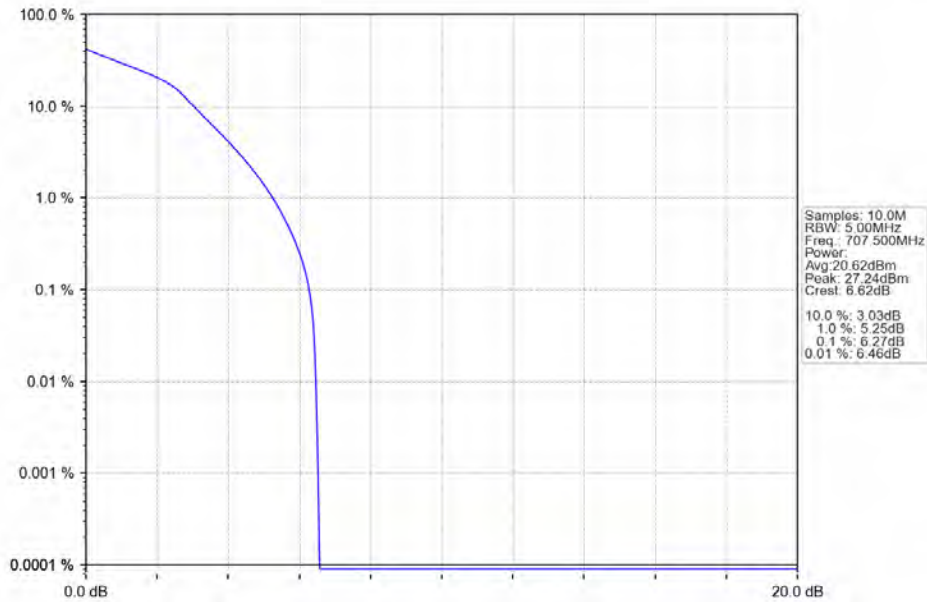
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Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



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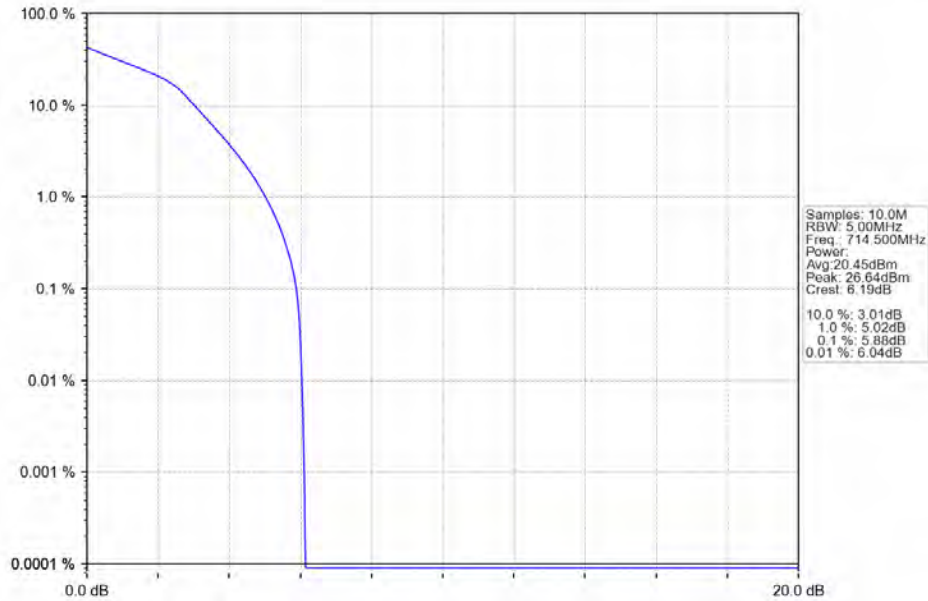
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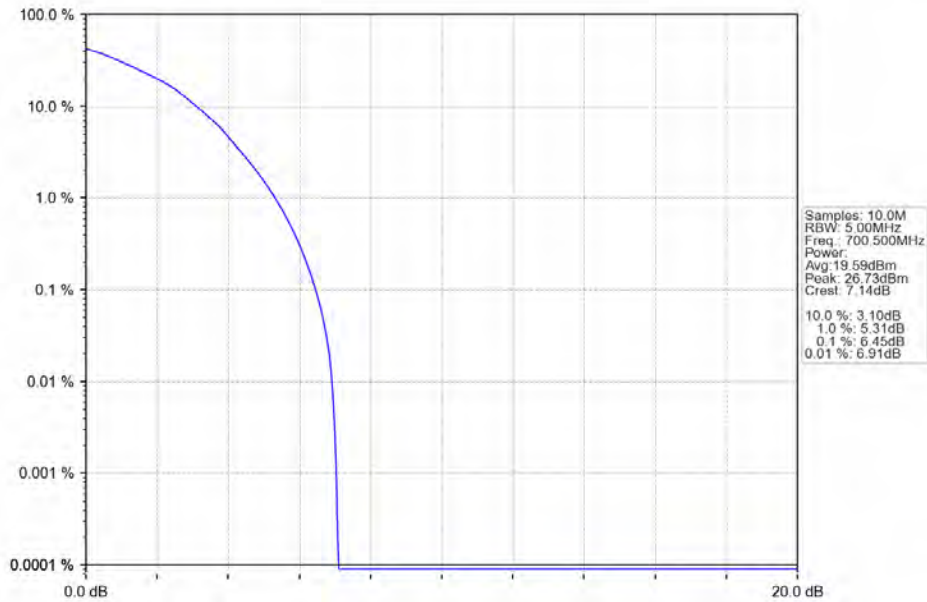
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Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



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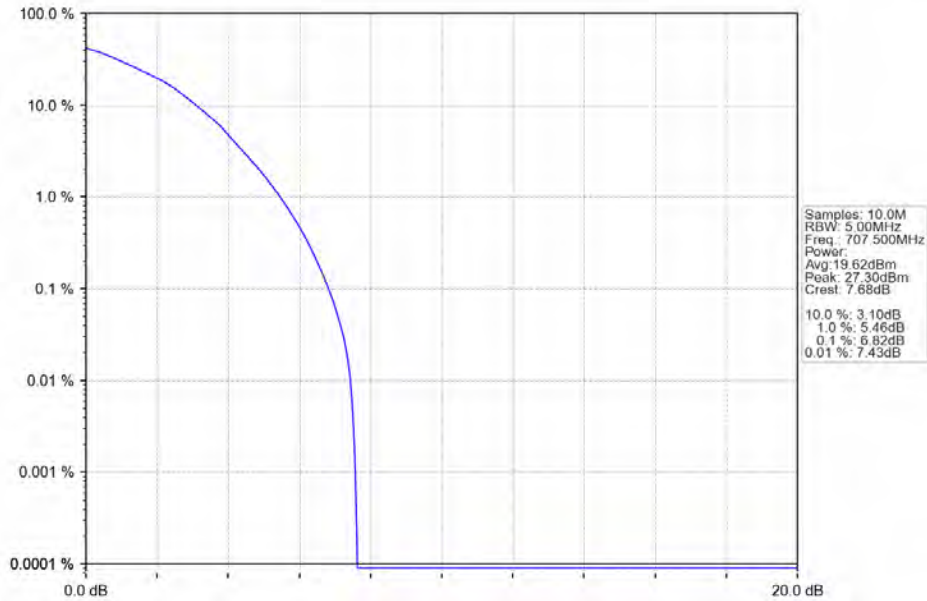
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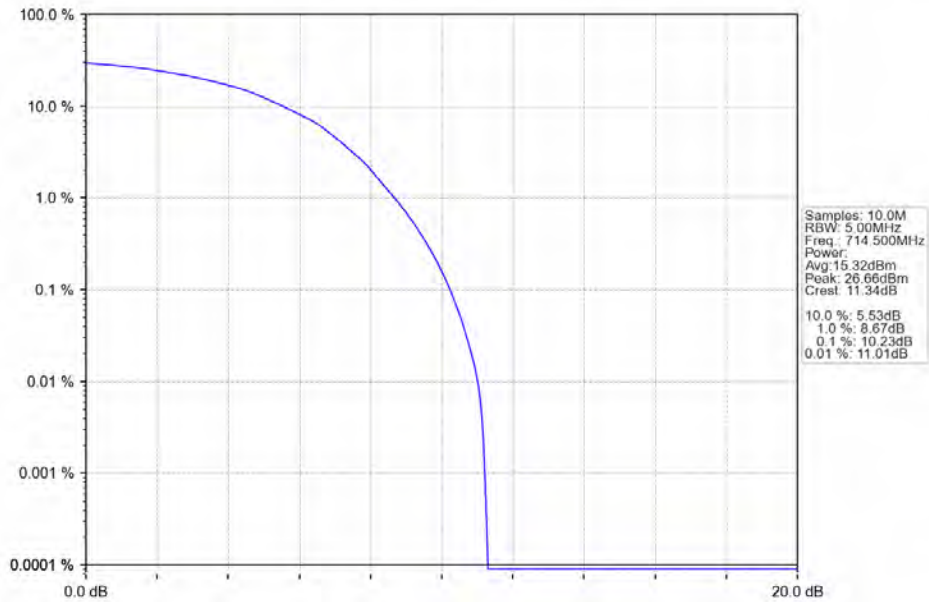
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Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



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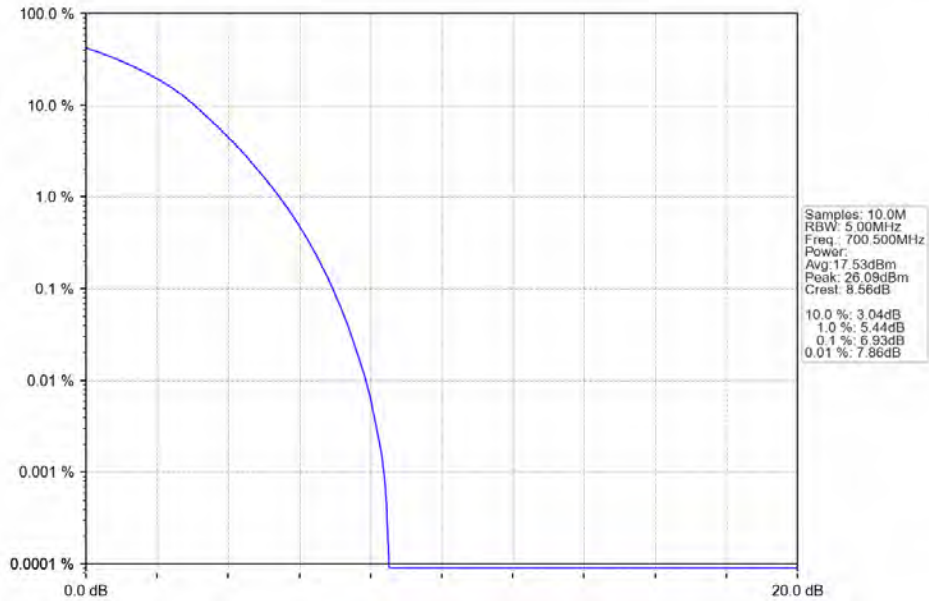
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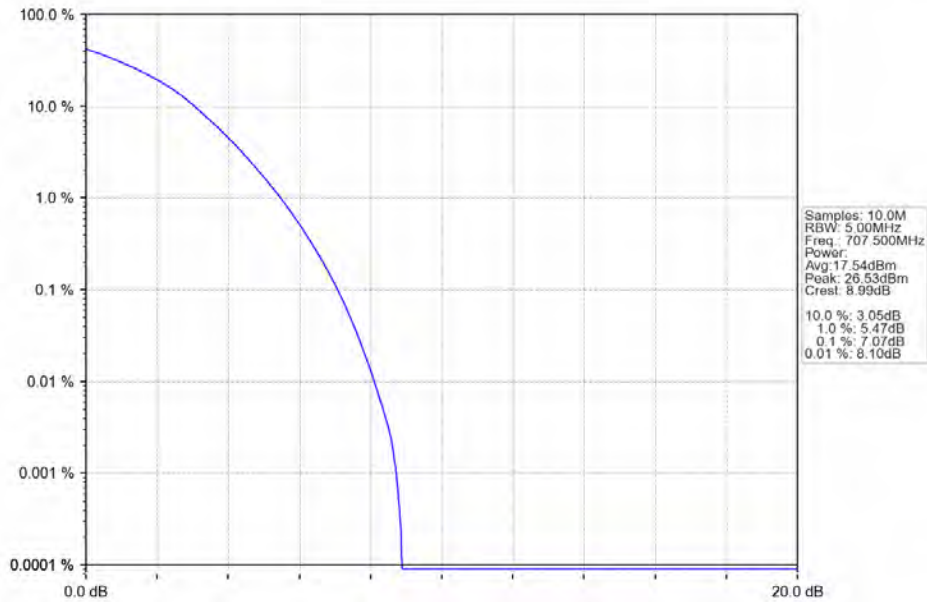
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Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



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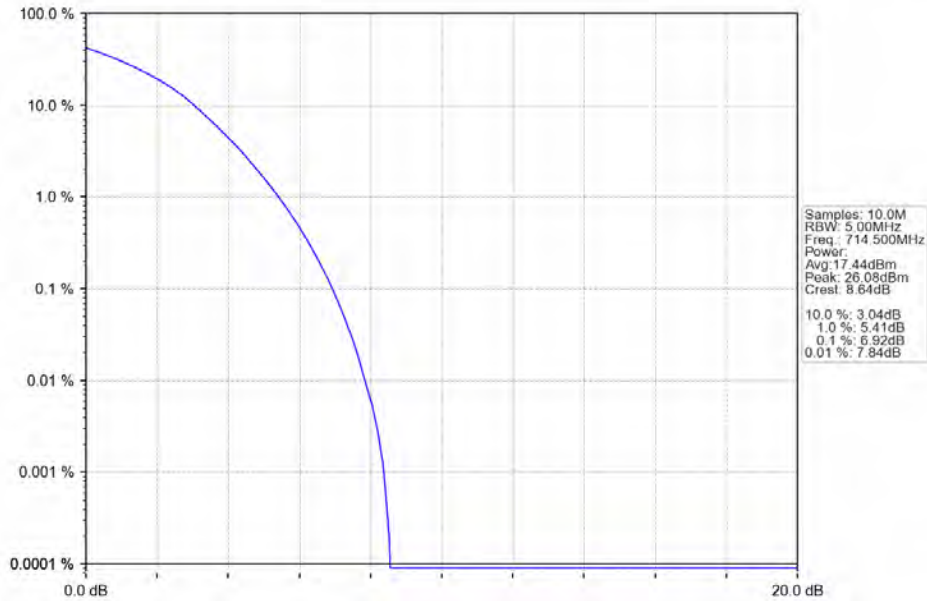
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5.3 B12_5MHz

5.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.06	<=13	Pass
	707.5	25	0	5.45	<=13	Pass
	713.5	25	0	5.32	<=13	Pass
16QAM	701.5	25	0	5.93	<=13	Pass
	707.5	25	0	6.33	<=13	Pass
	713.5	25	0	6.18	<=13	Pass
64QAM	701.5	25	0	10.27	<=13	Pass
	707.5	25	0	10.89	<=13	Pass
	713.5	25	0	10.60	<=13	Pass
256QAM	701.5	25	0	6.82	<=13	Pass
	707.5	25	0	6.98	<=13	Pass
	713.5	25	0	6.90	<=13	Pass



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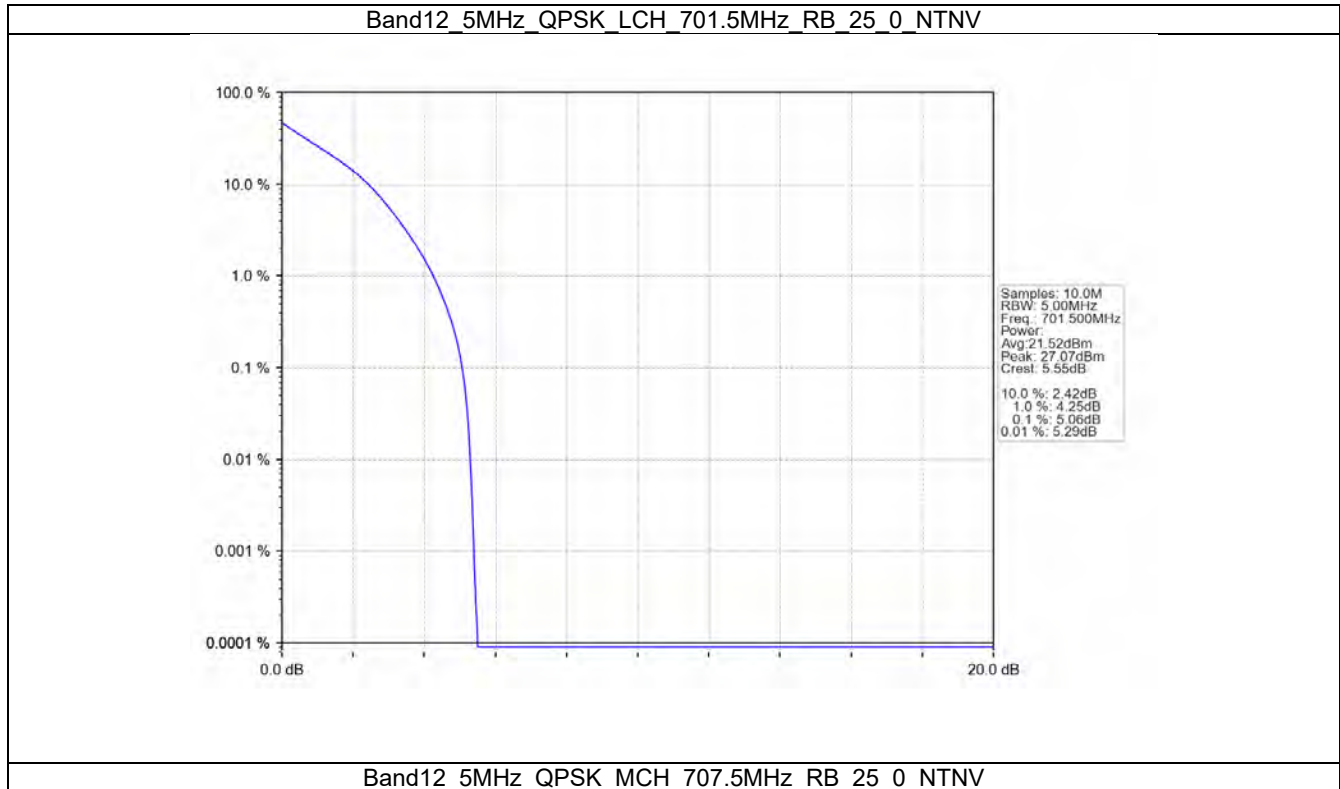
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5.3.2 Test Graph



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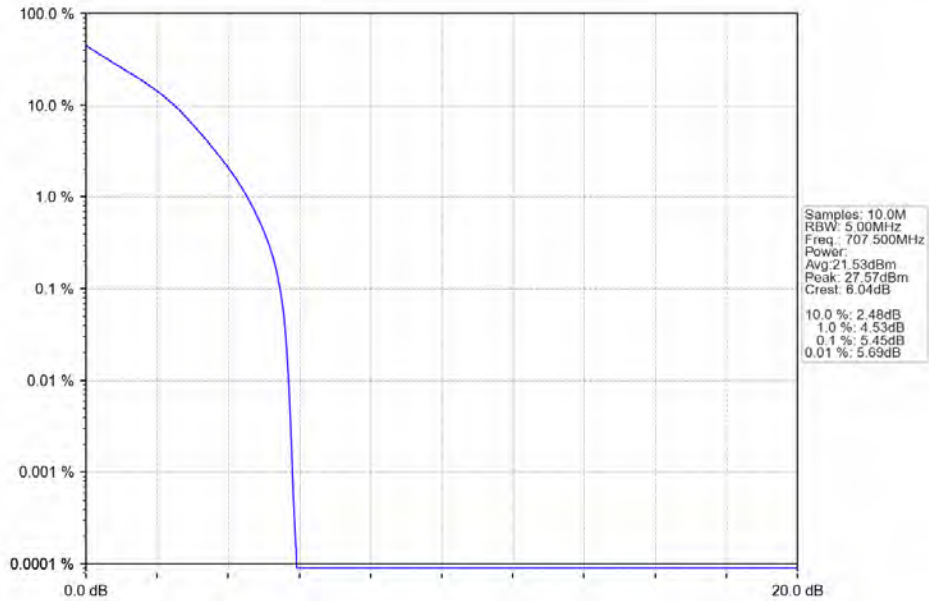
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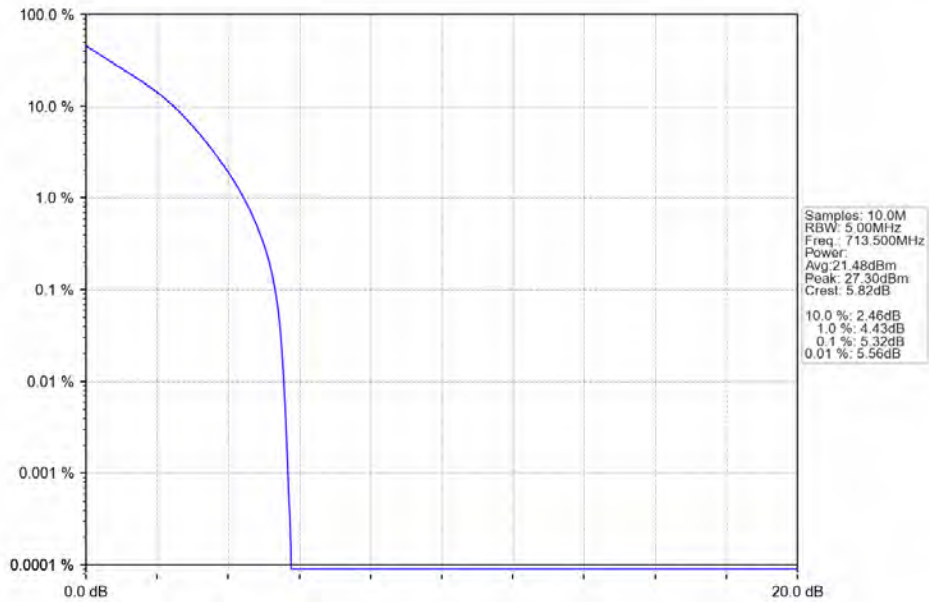
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



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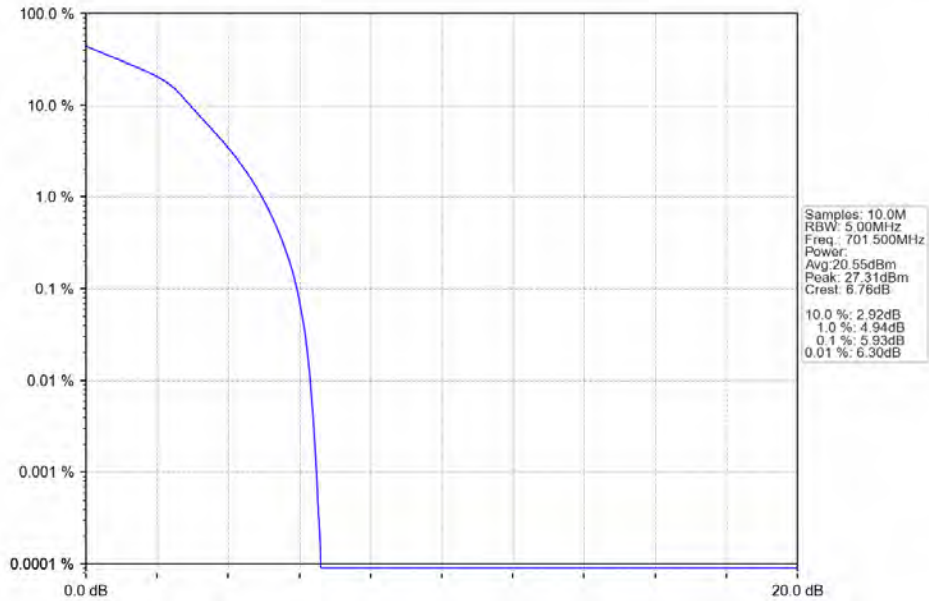
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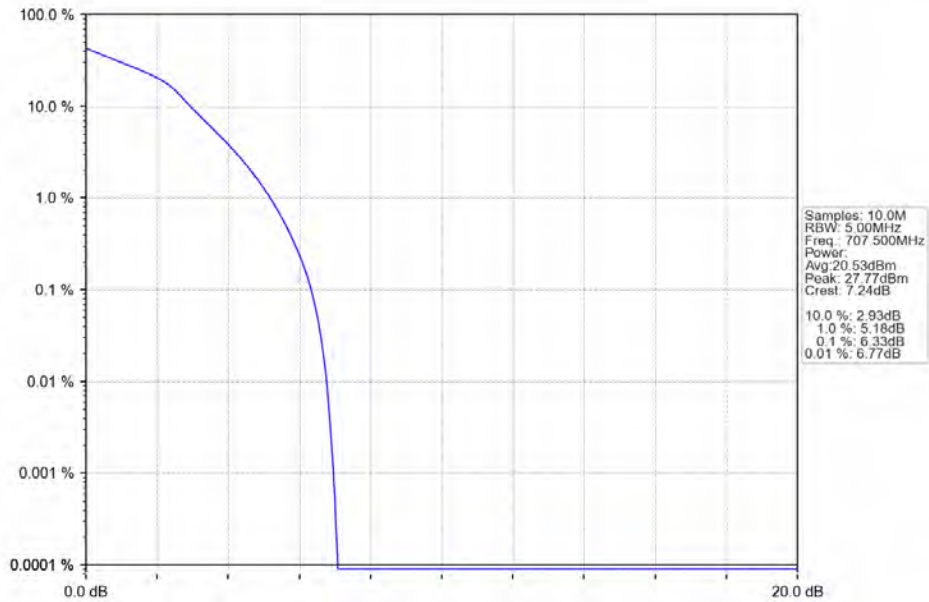
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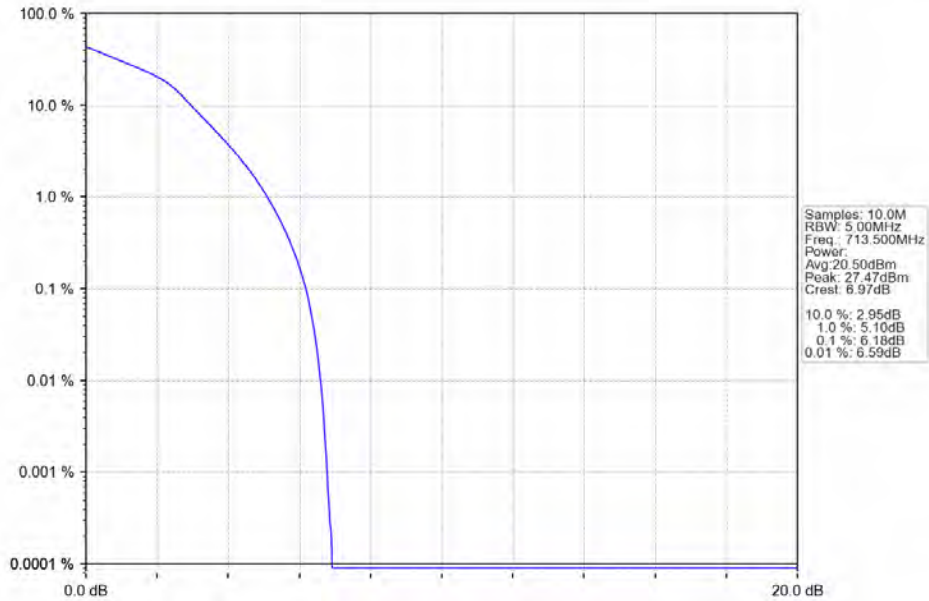
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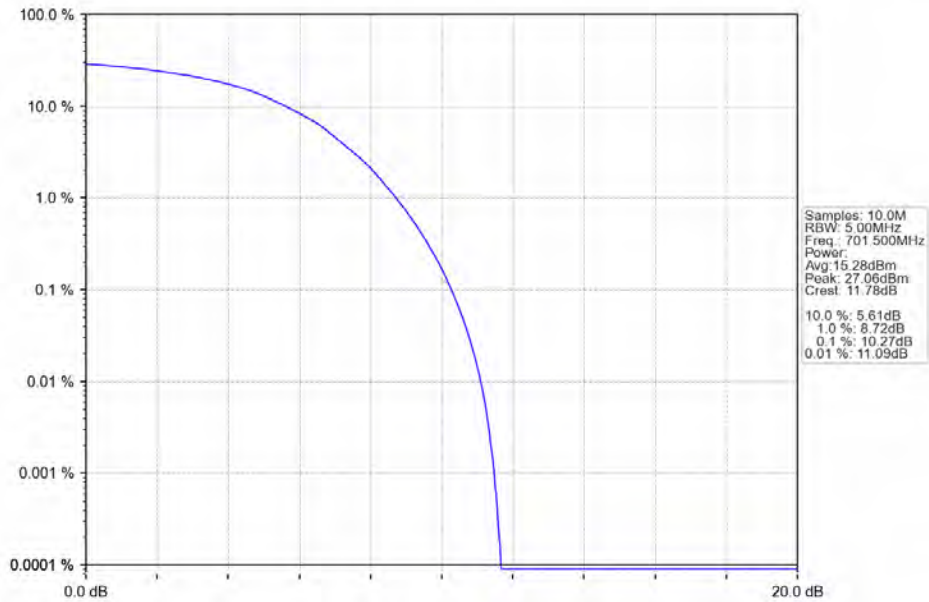
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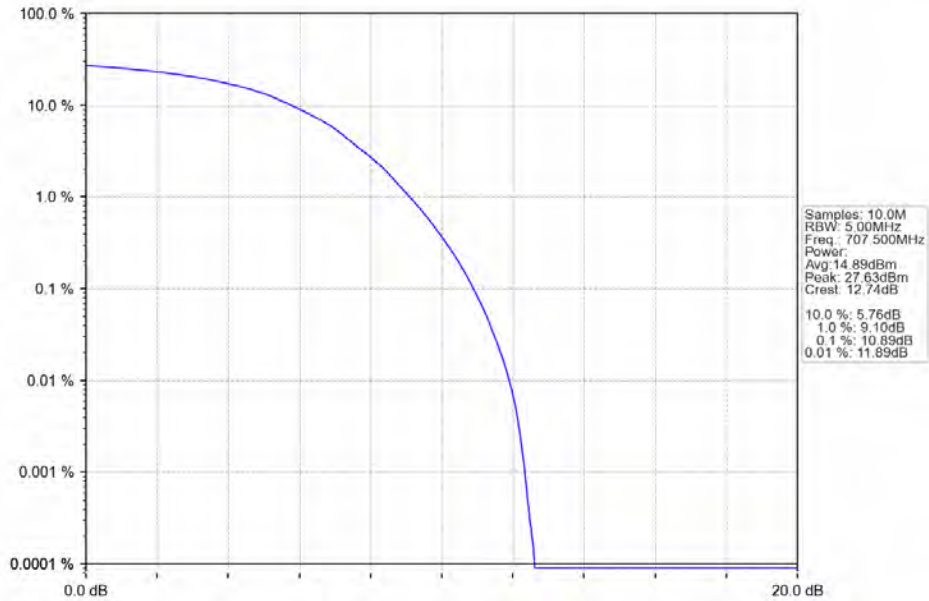
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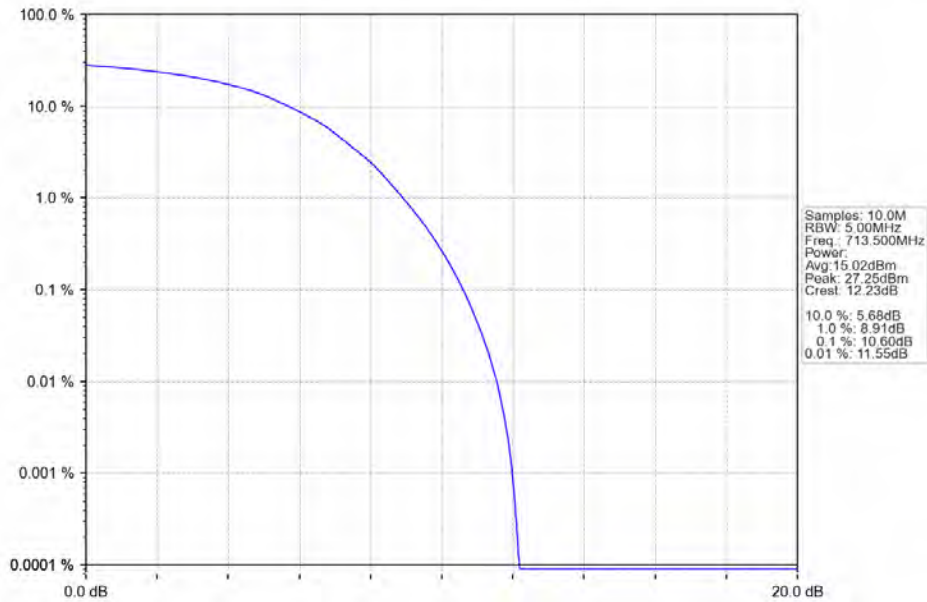
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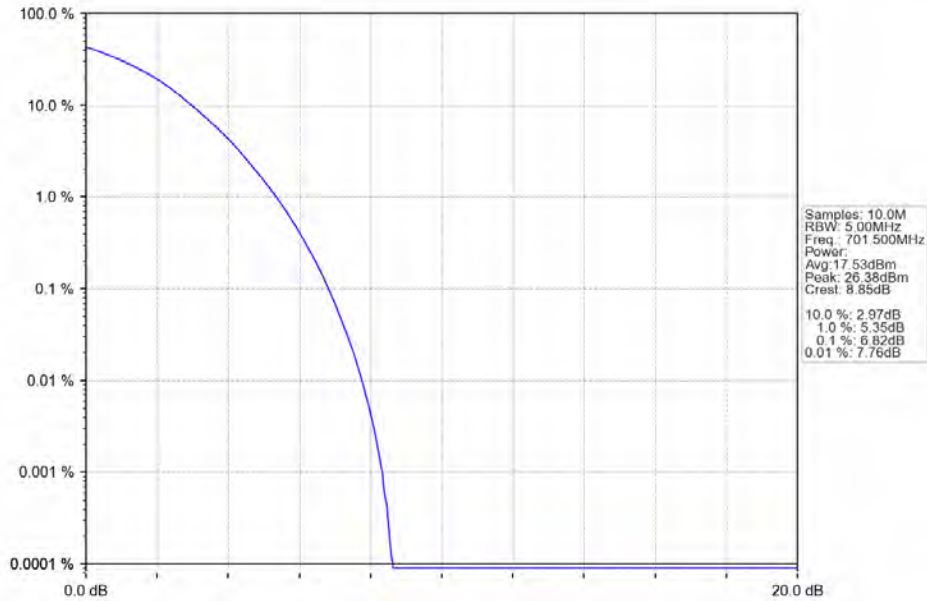
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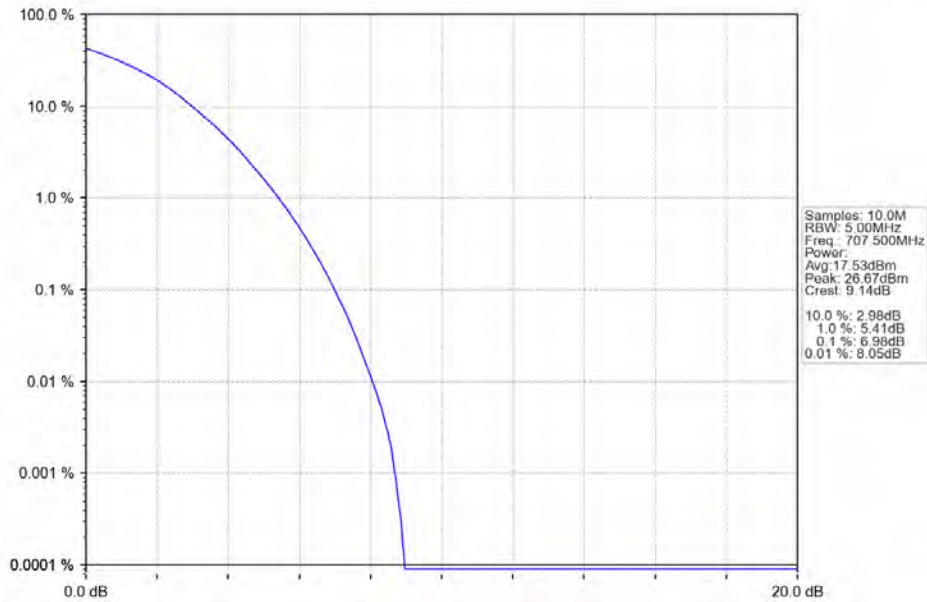
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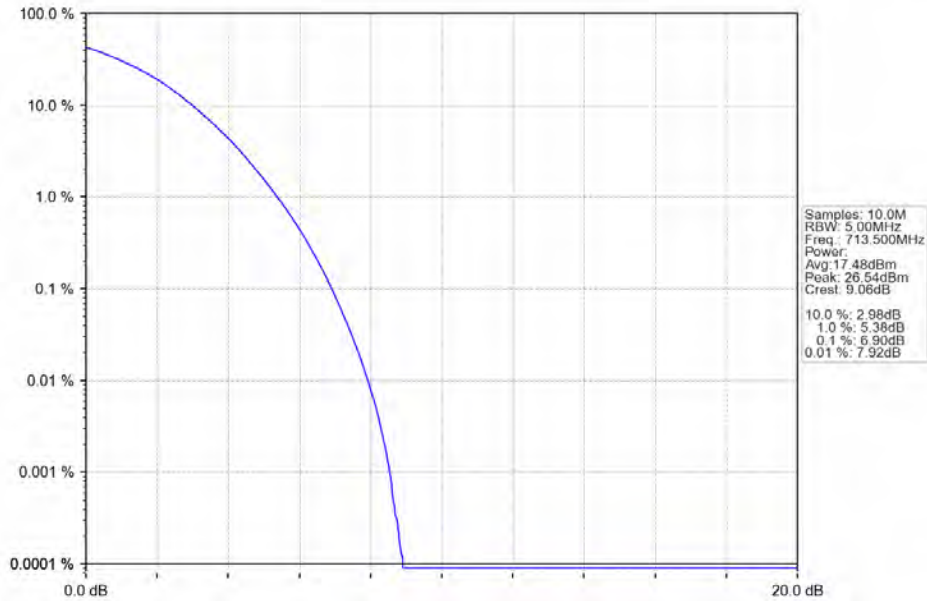
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5.4 B12_10MHz

5.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.22	<=13	Pass
	707.5	50	0	5.37	<=13	Pass
	711	50	0	5.46	<=13	Pass
16QAM	704	50	0	6.05	<=13	Pass
	707.5	50	0	6.23	<=13	Pass
	711	50	0	6.29	<=13	Pass
64QAM	704	50	0	6.50	<=13	Pass
	707.5	50	0	12.65	<=13	Pass
	711	50	0	12.12	<=13	Pass
256QAM	704	50	0	6.79	<=13	Pass
	707.5	50	0	6.91	<=13	Pass
	711	50	0	6.94	<=13	Pass



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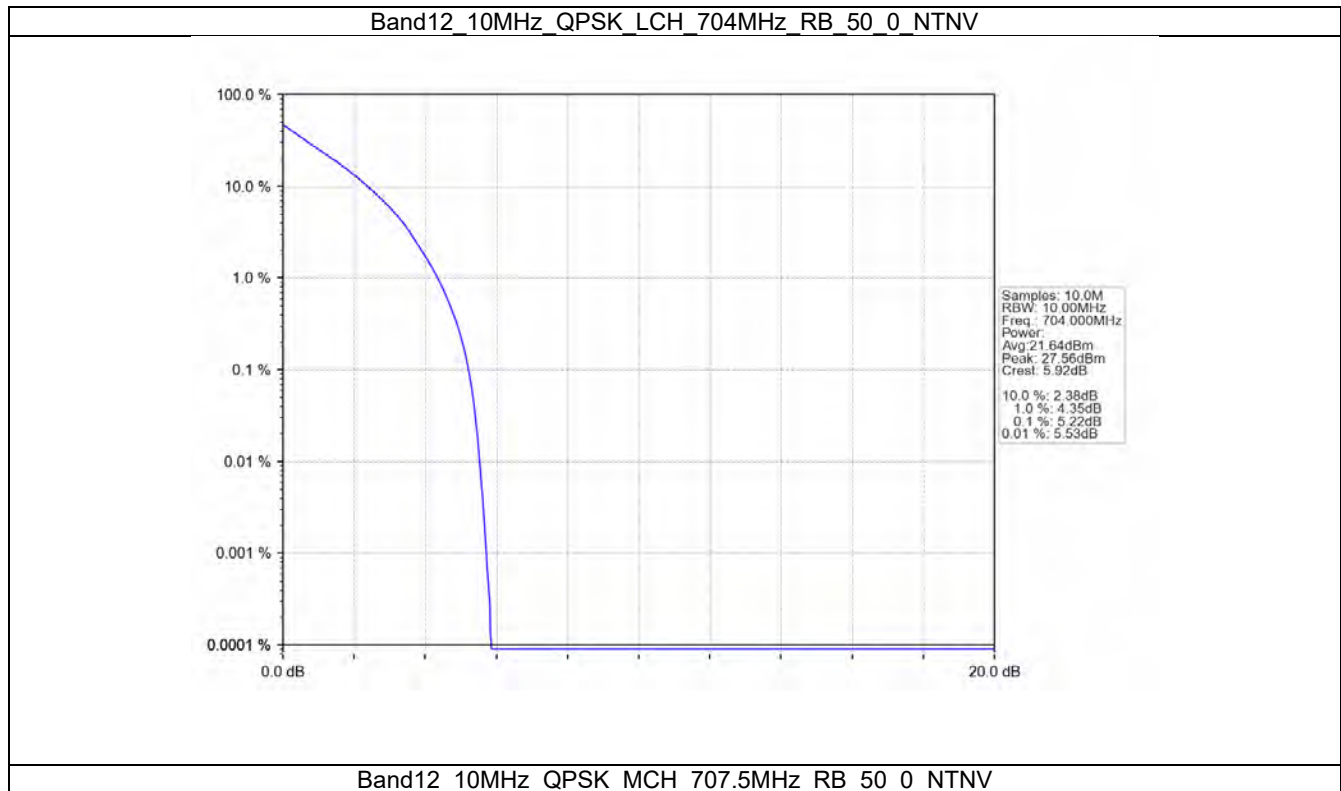
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5.4.2 Test Graph



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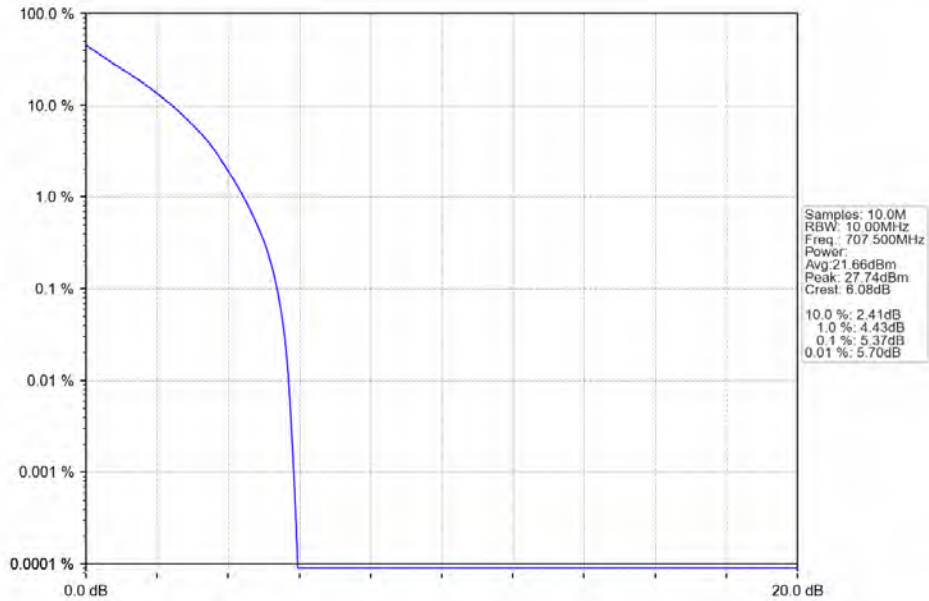
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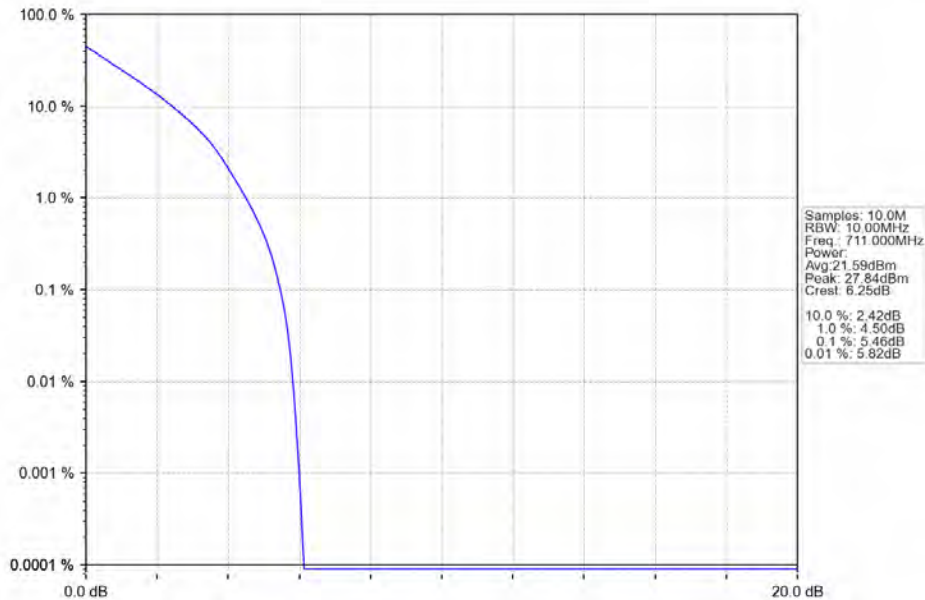
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Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



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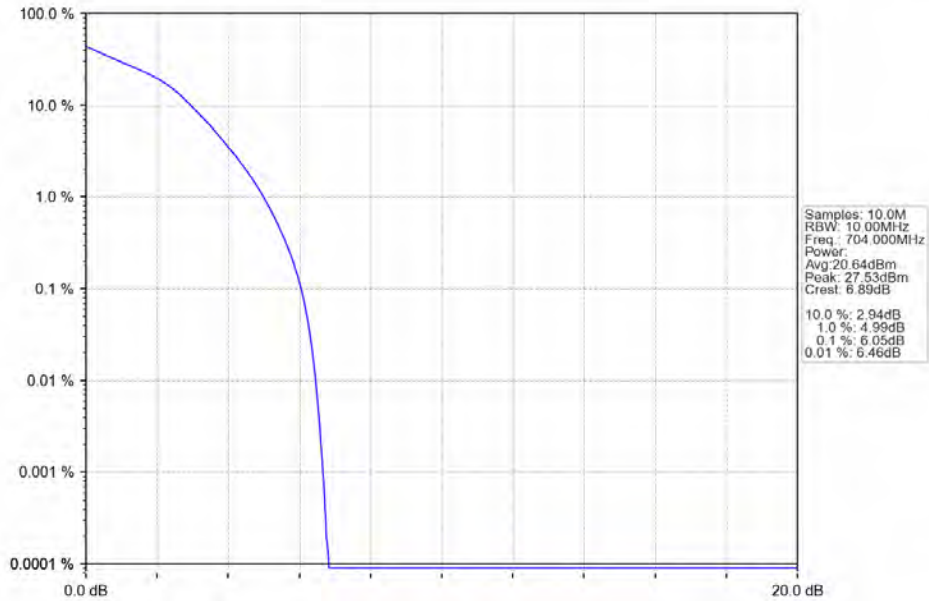
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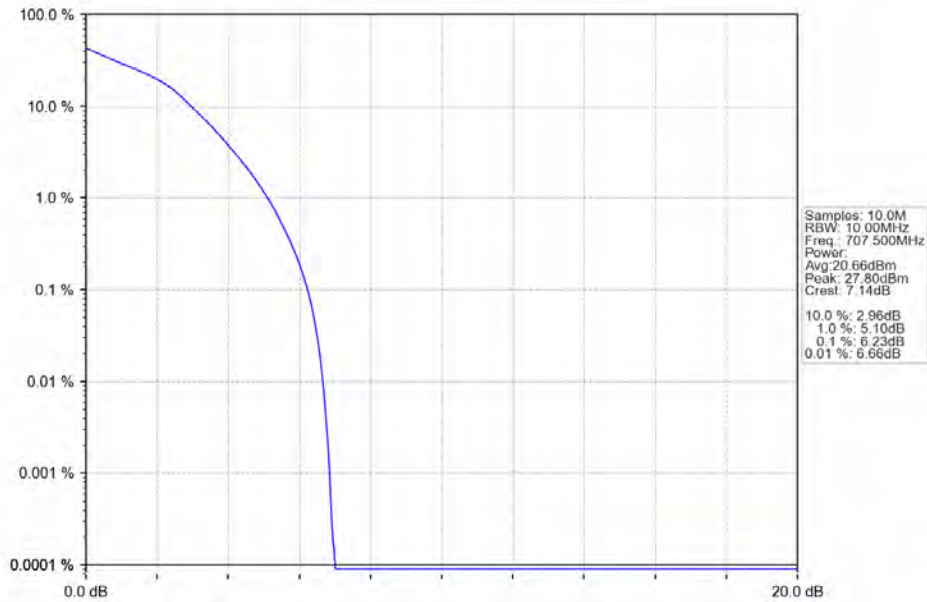
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Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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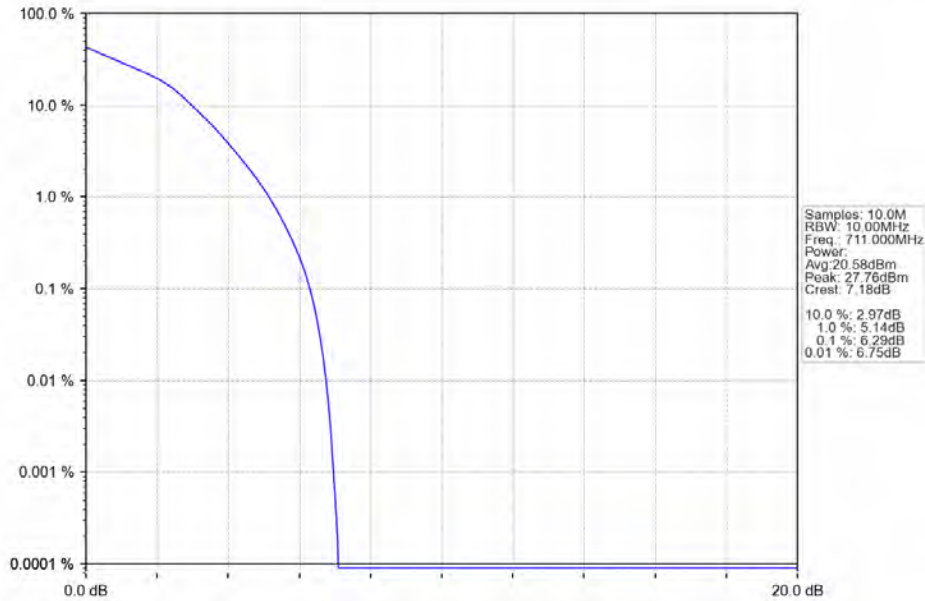
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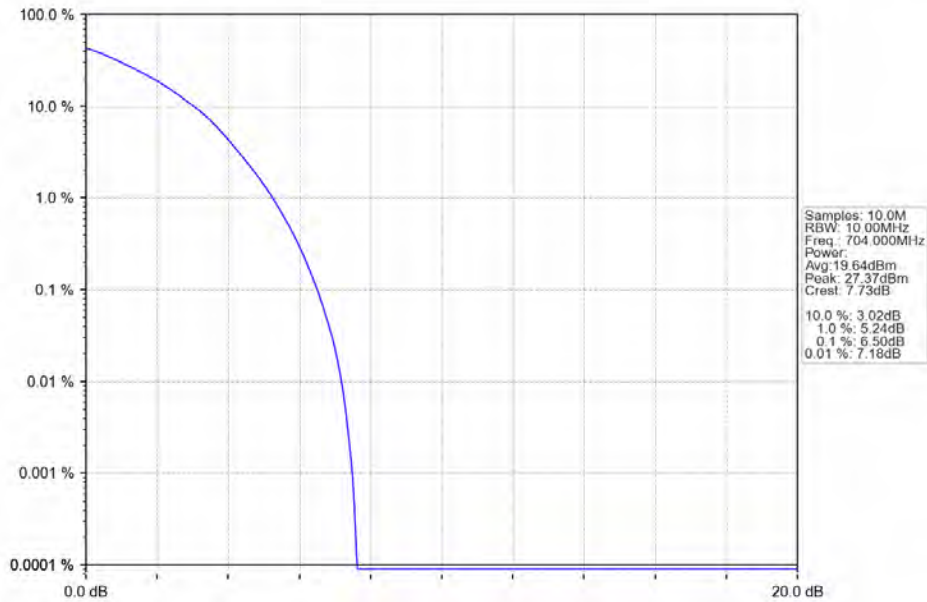
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Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



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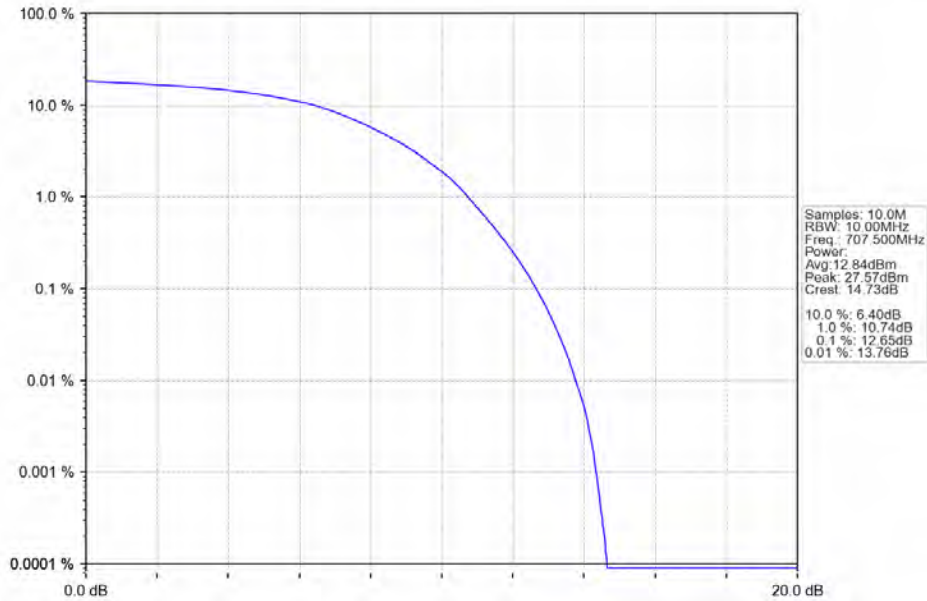
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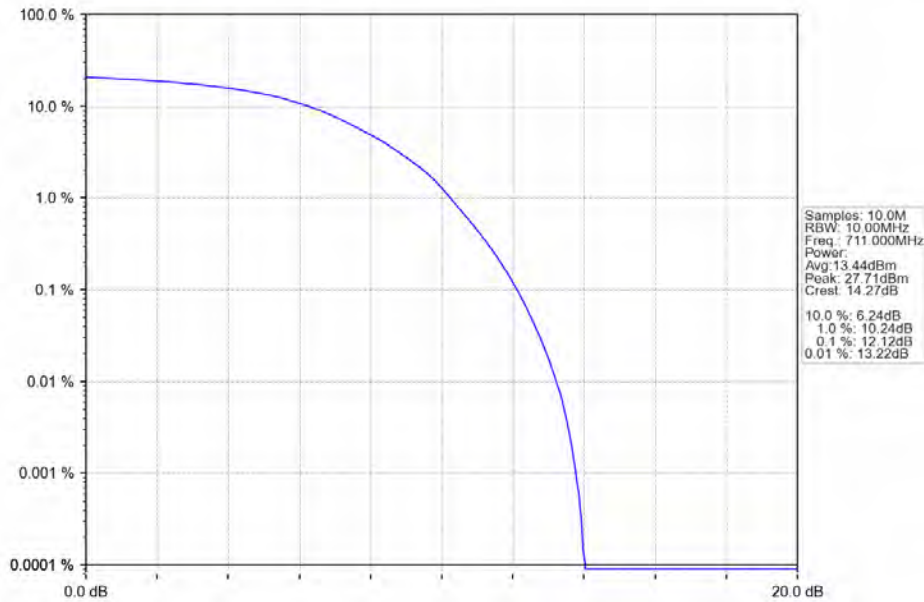
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Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



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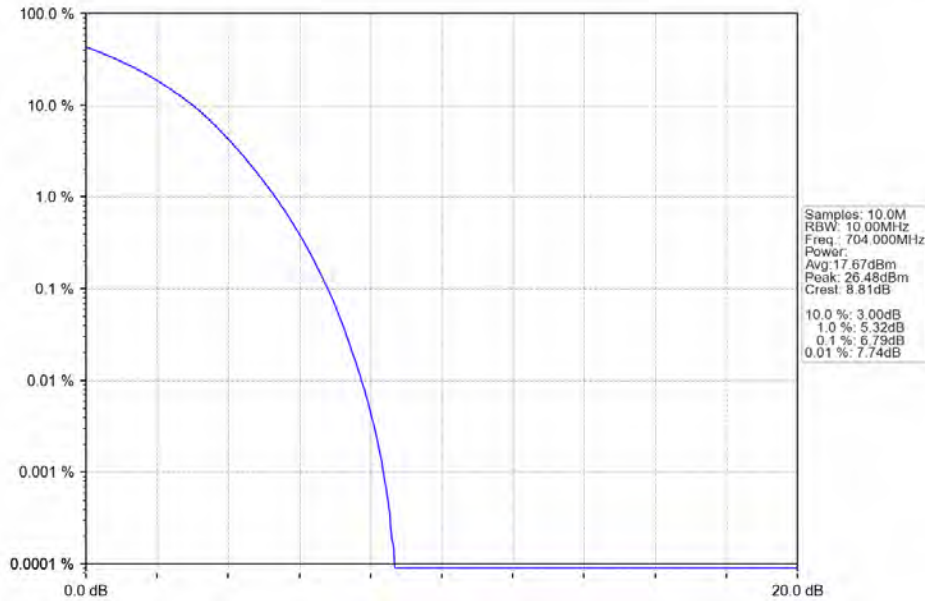
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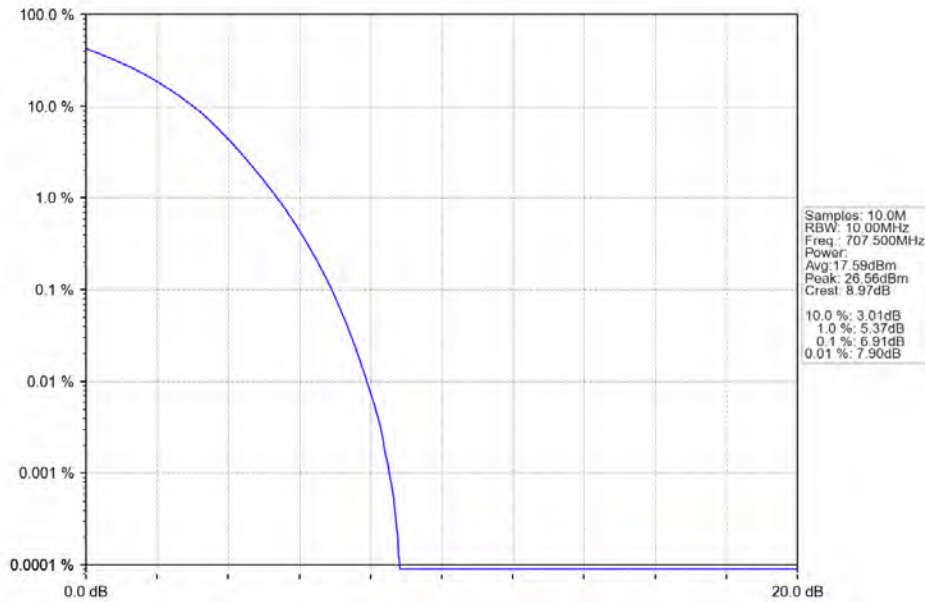
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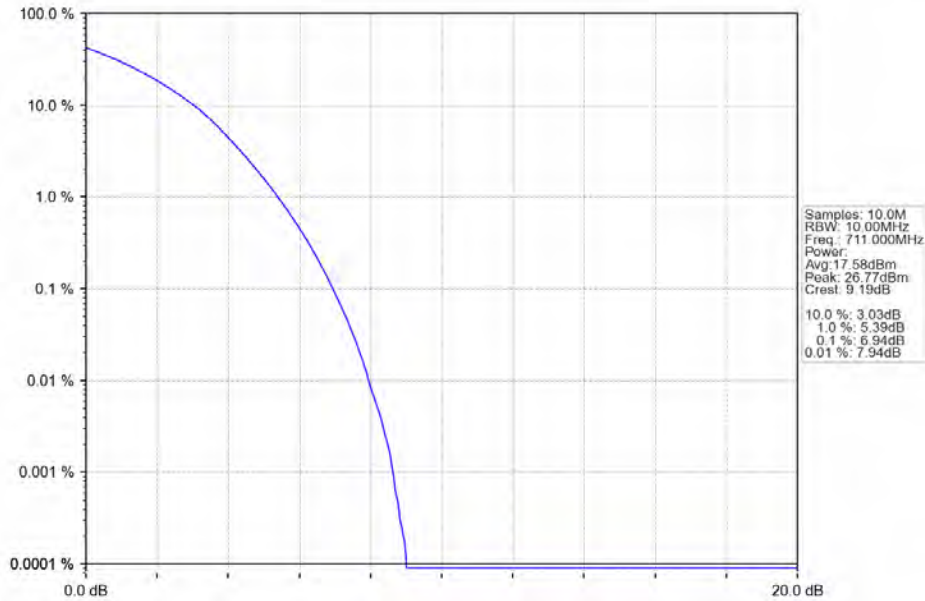
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6. Spurious Emission & Band Edges

6.1 B12_1.4MHz

6.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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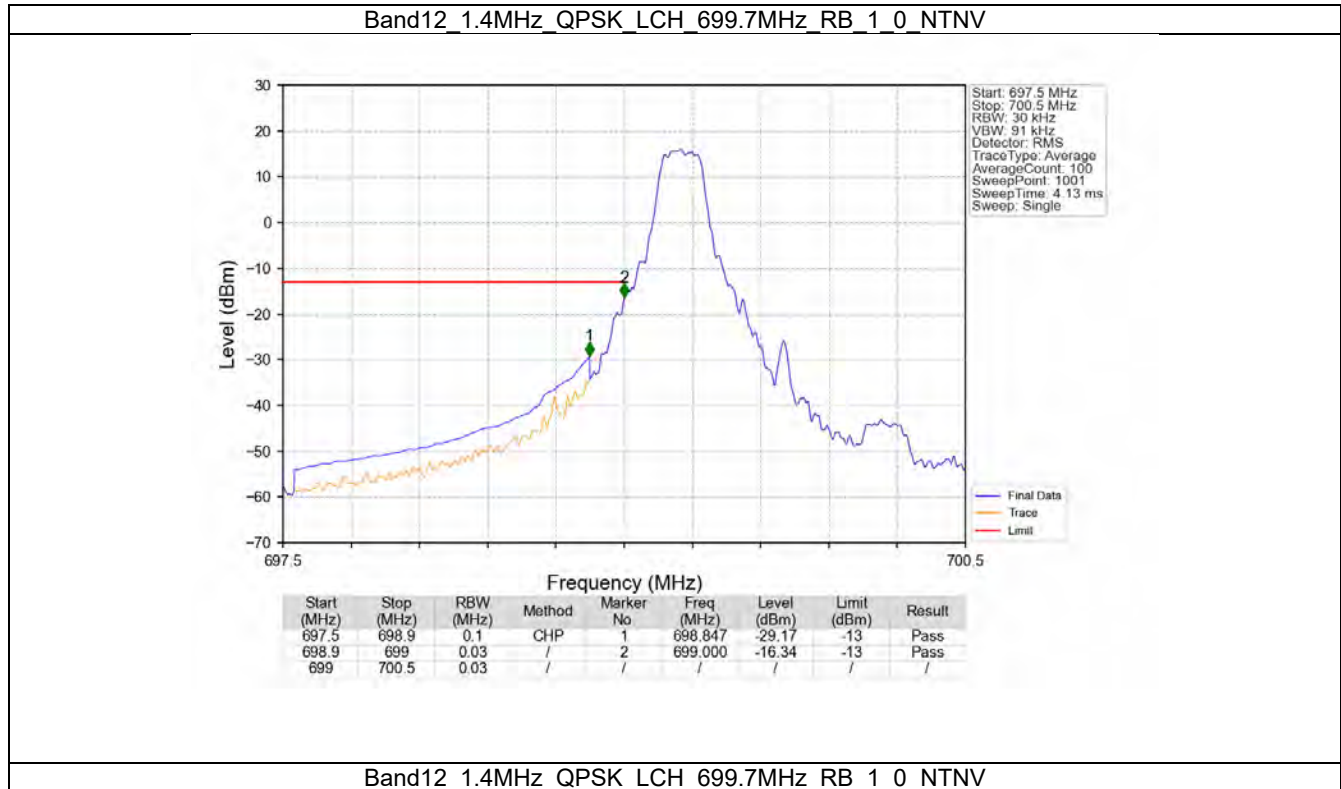
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6.1.2 Test Graph



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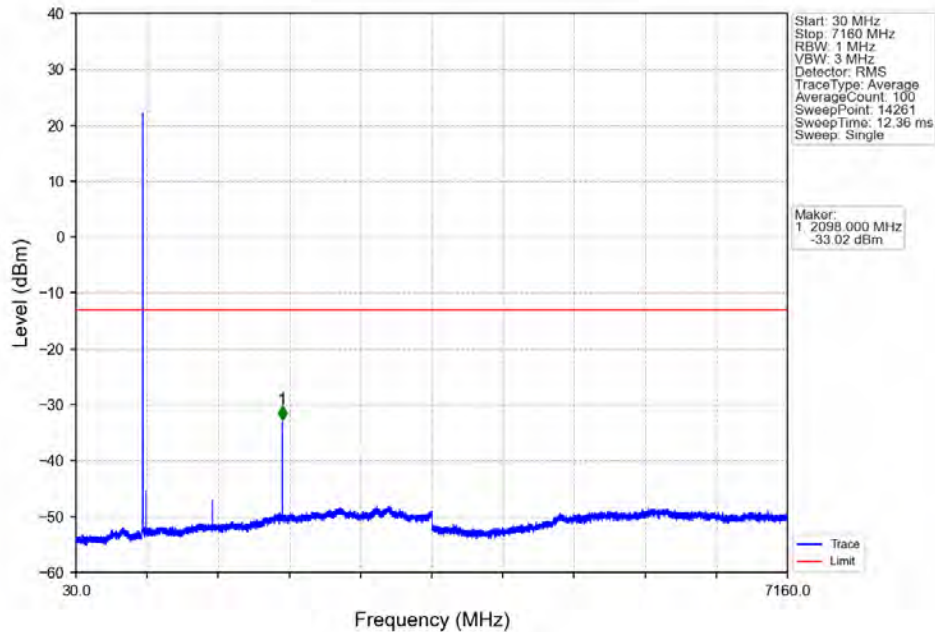
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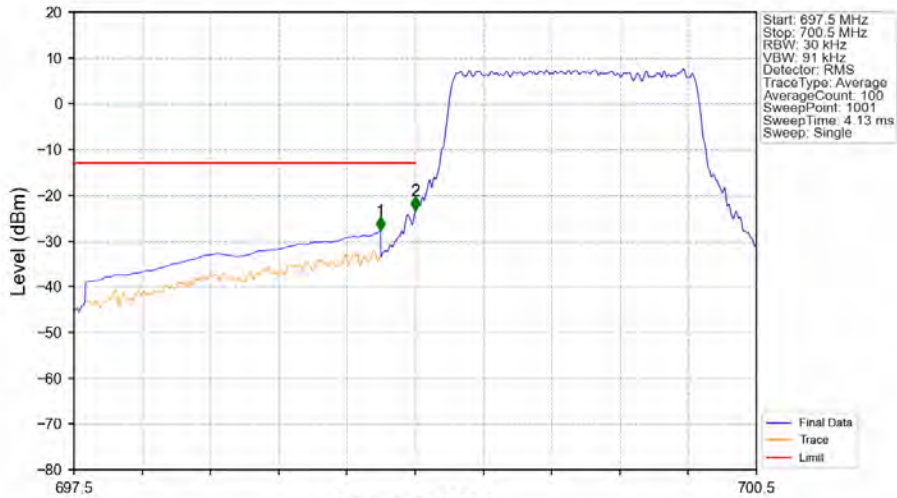
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Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-27.76	-13	Pass
698.9	699	0.03	/	2	699.000	-23.42	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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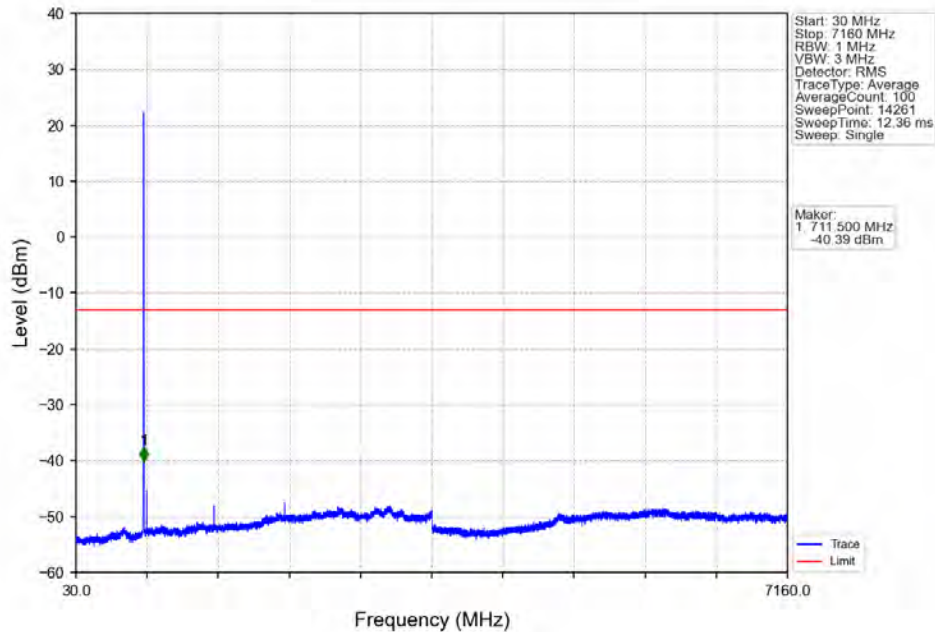
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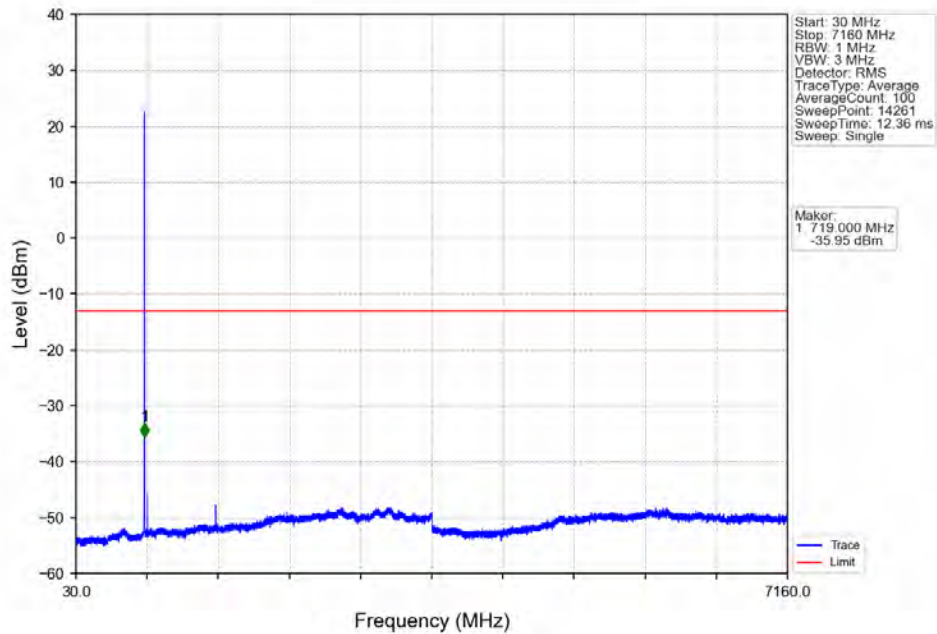
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Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



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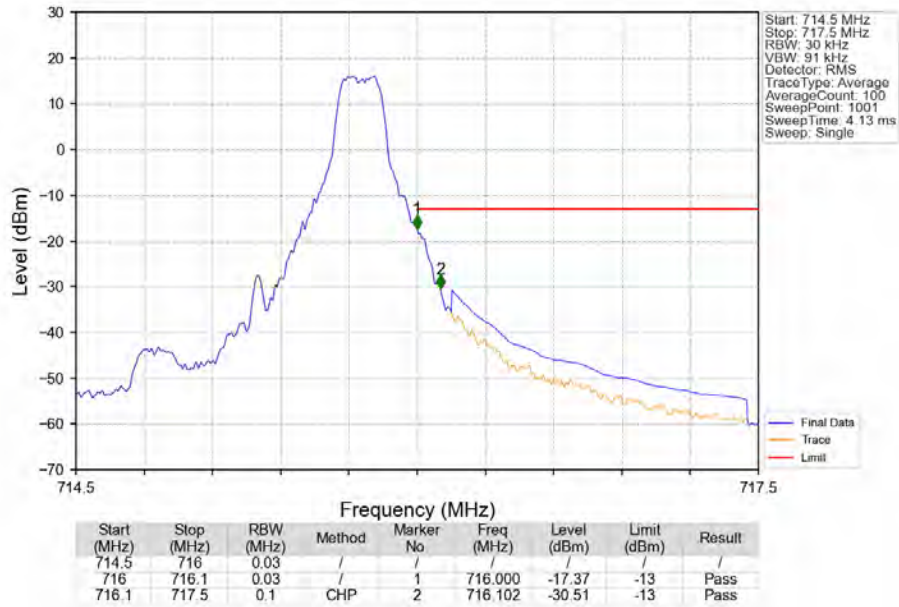
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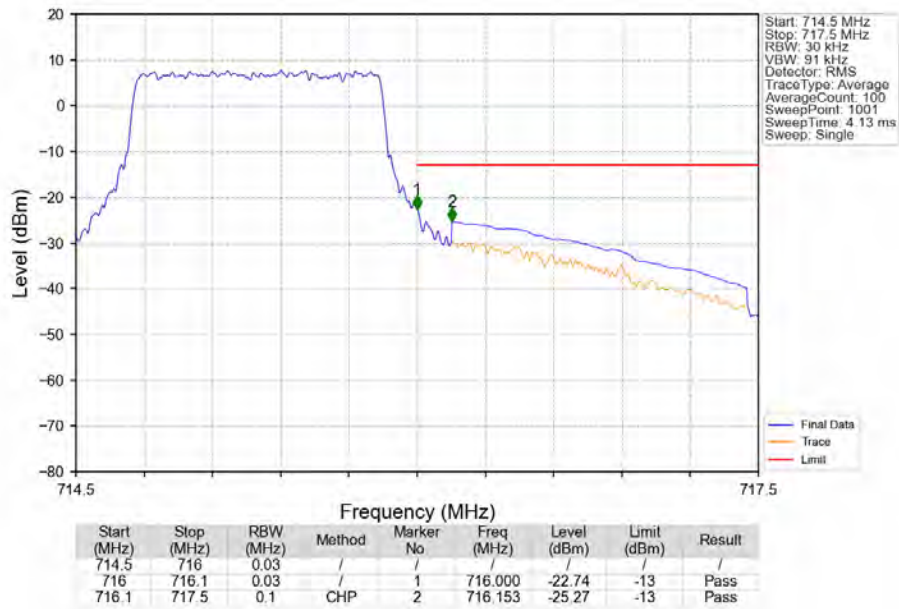
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6.2 B12_3MHz

6.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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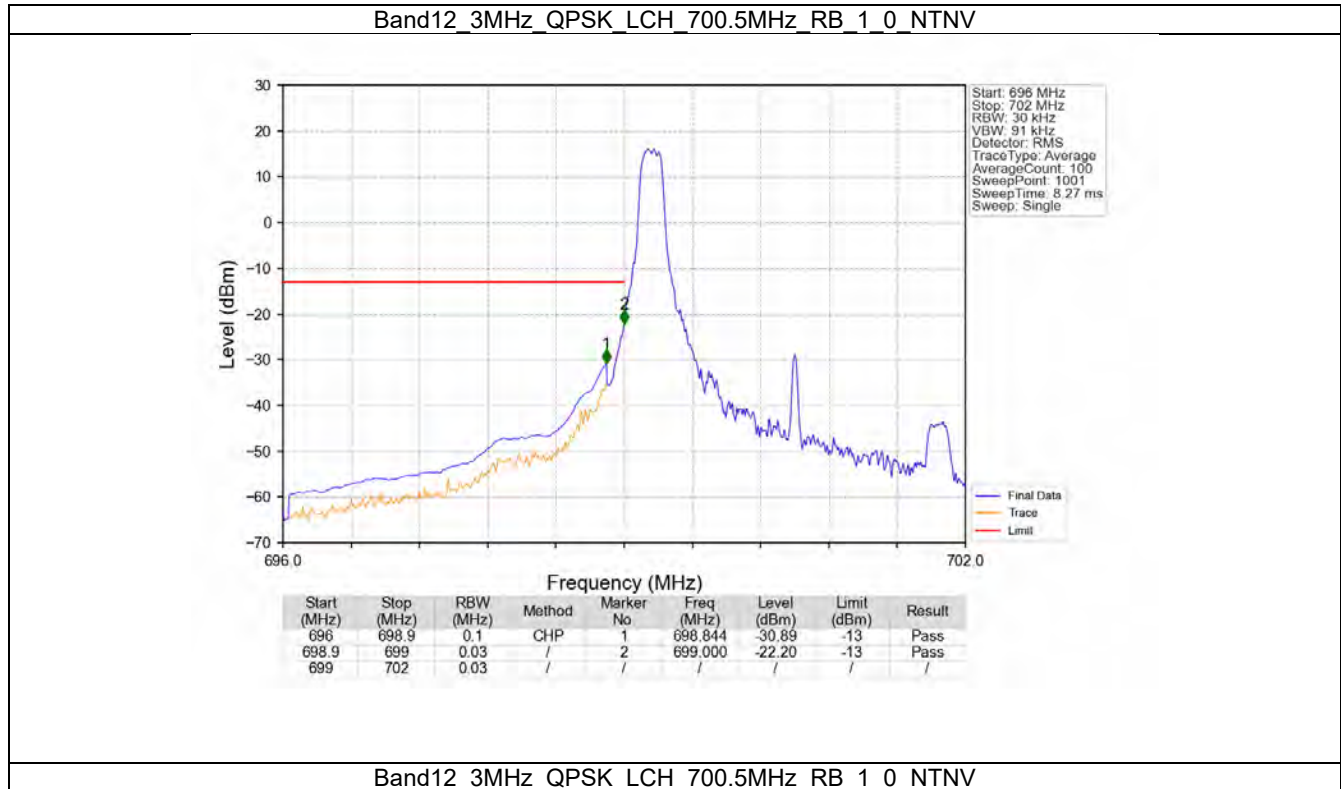
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6.2.2 Test Graph



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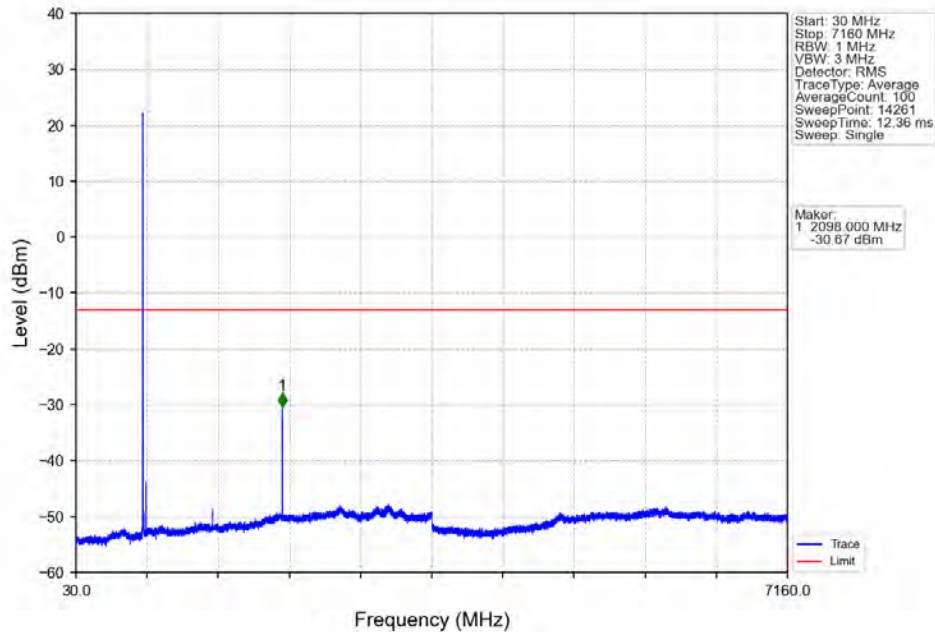
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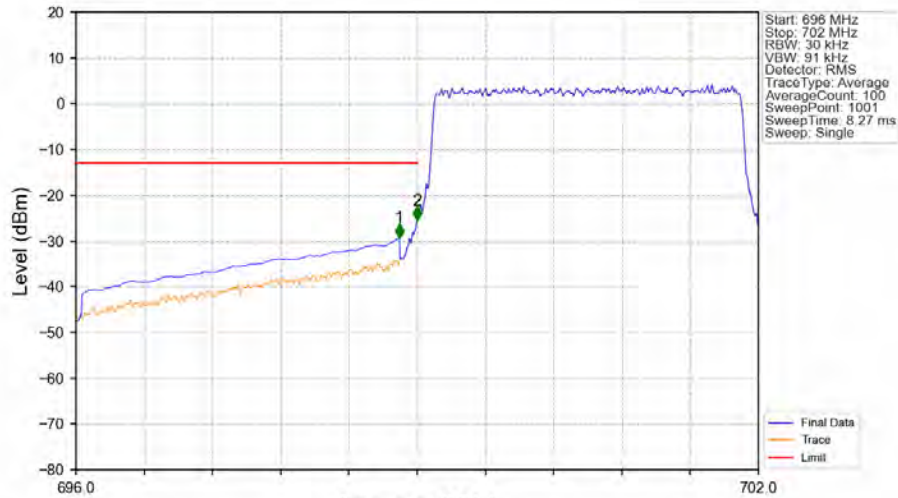
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Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-29.29	-13	Pass
698.9	699	0.03	/	2	699.000	-25.47	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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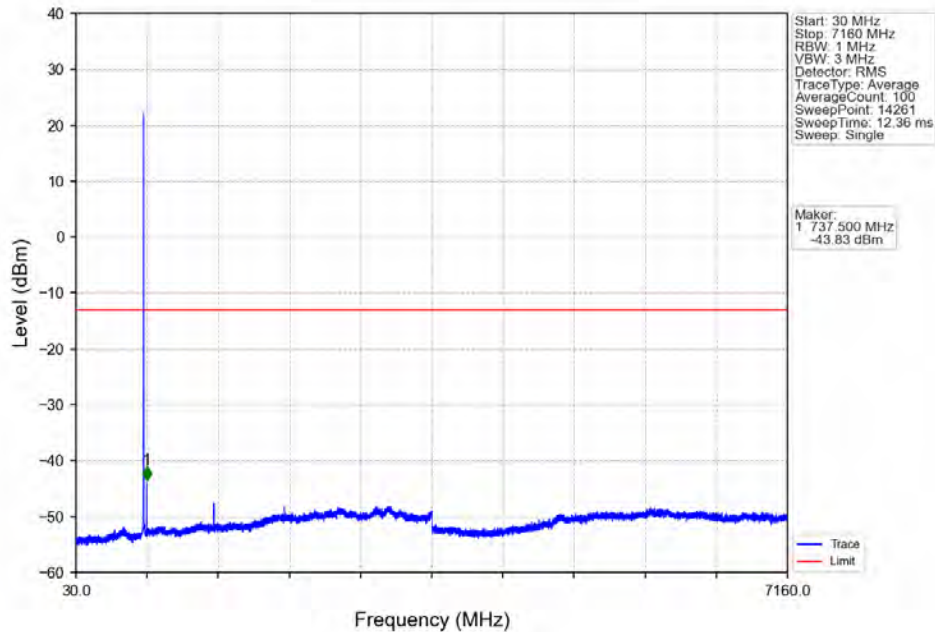
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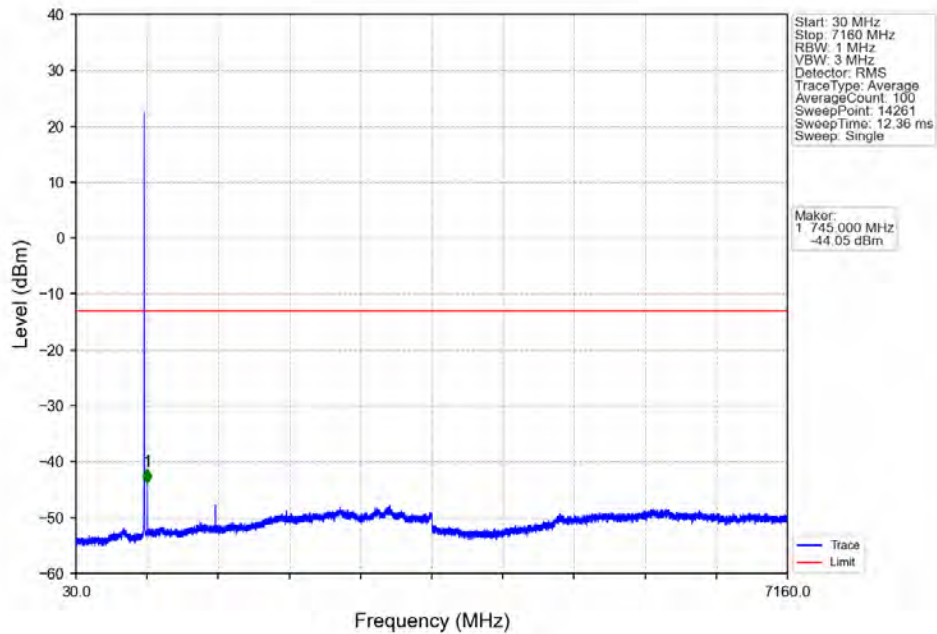
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Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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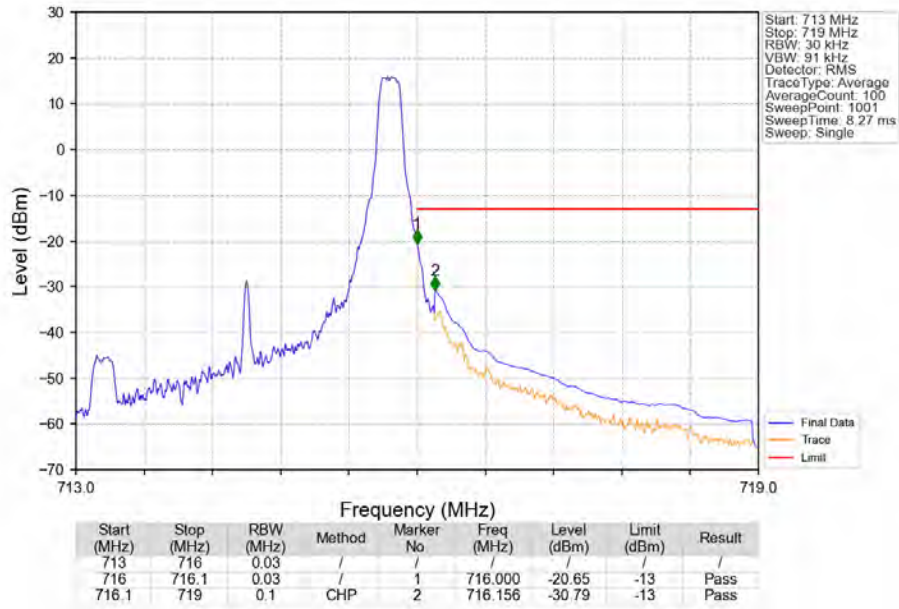
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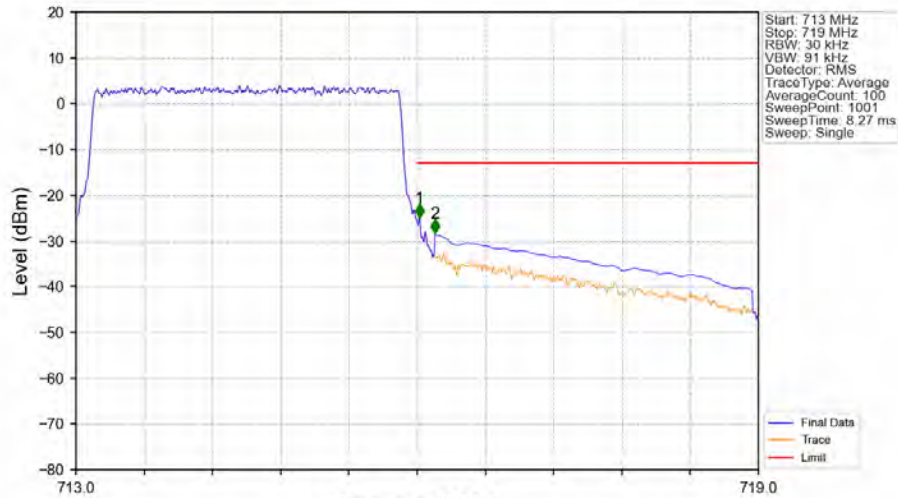
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Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-24.94	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.39	-13	Pass



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6.3 B12_5MHz

6.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass



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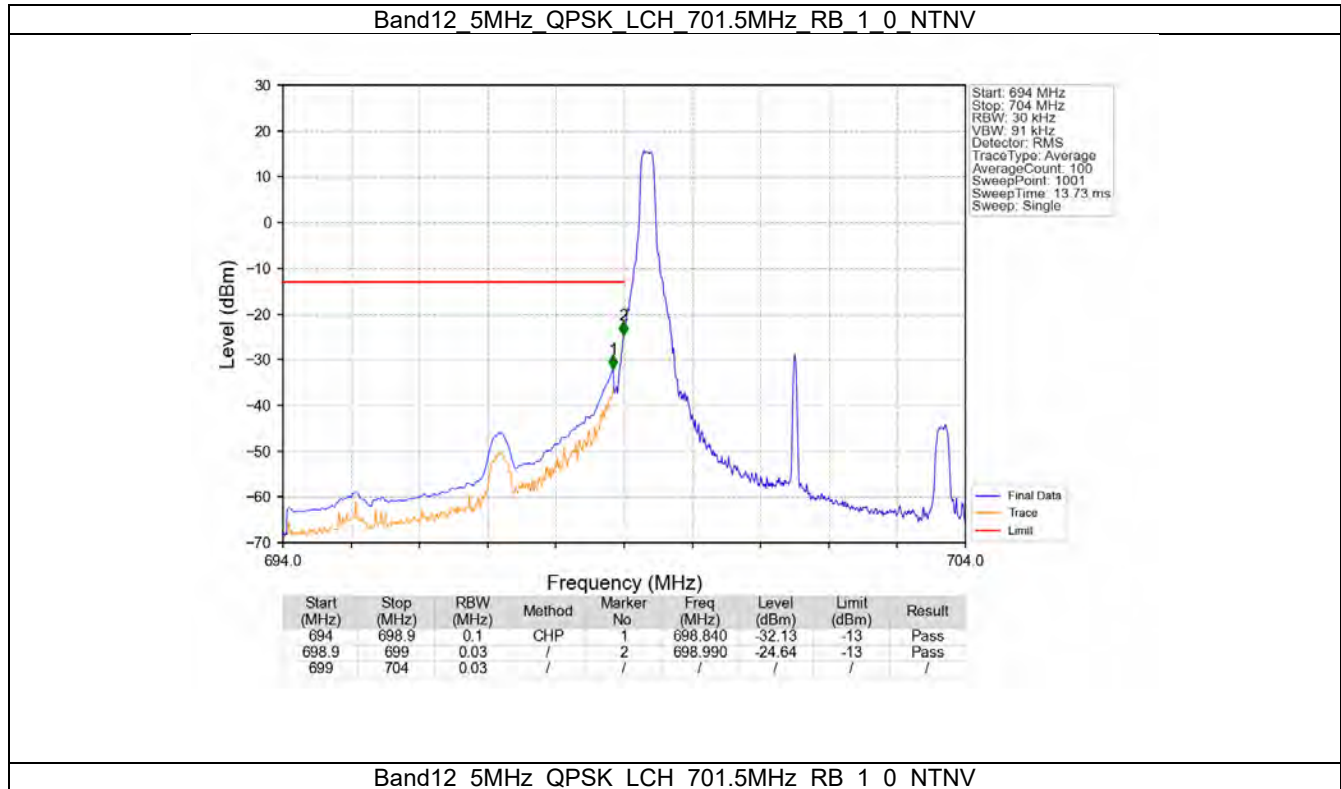
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6.3.2 Test Graph



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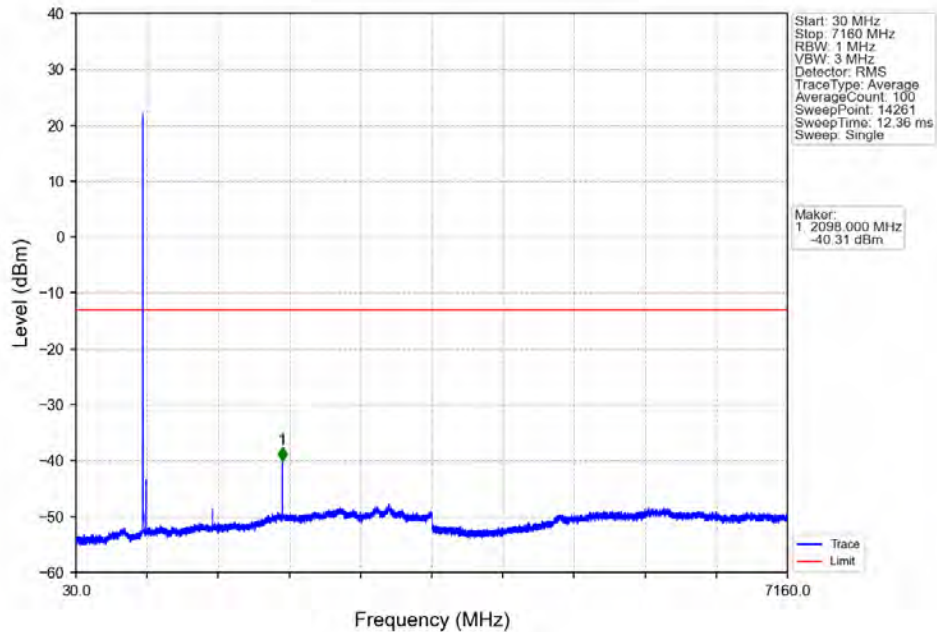
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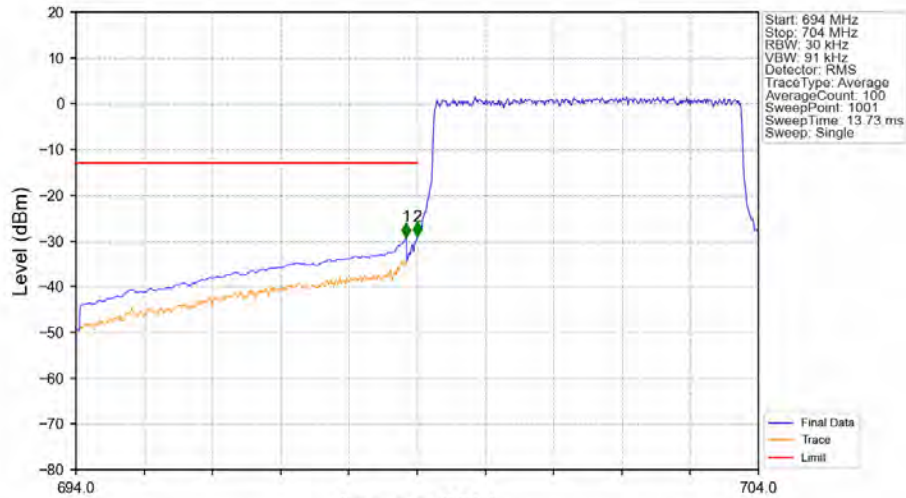
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Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.14	-13	Pass
698.9	699	0.03	/	2	699.000	-29.07	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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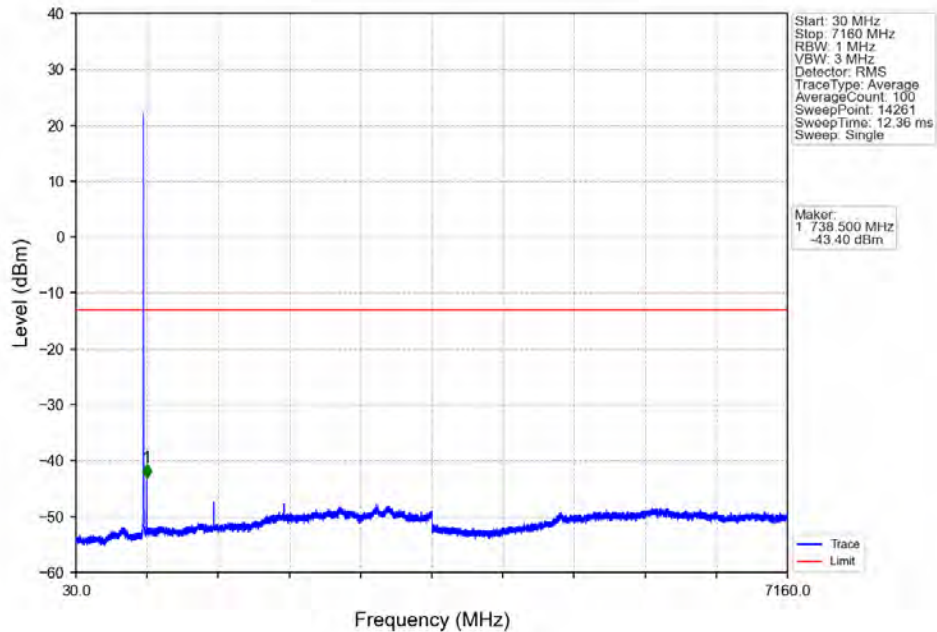
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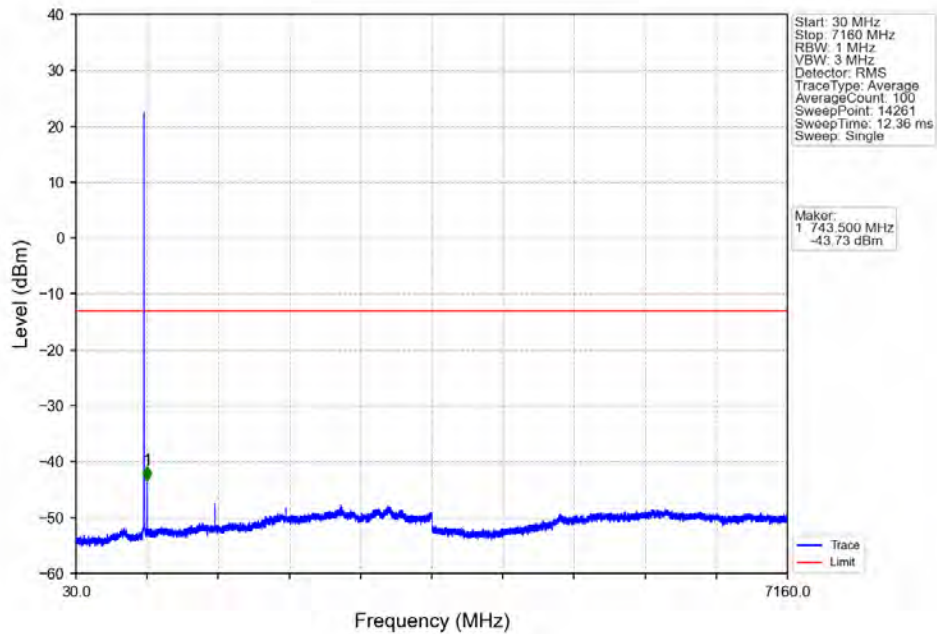
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Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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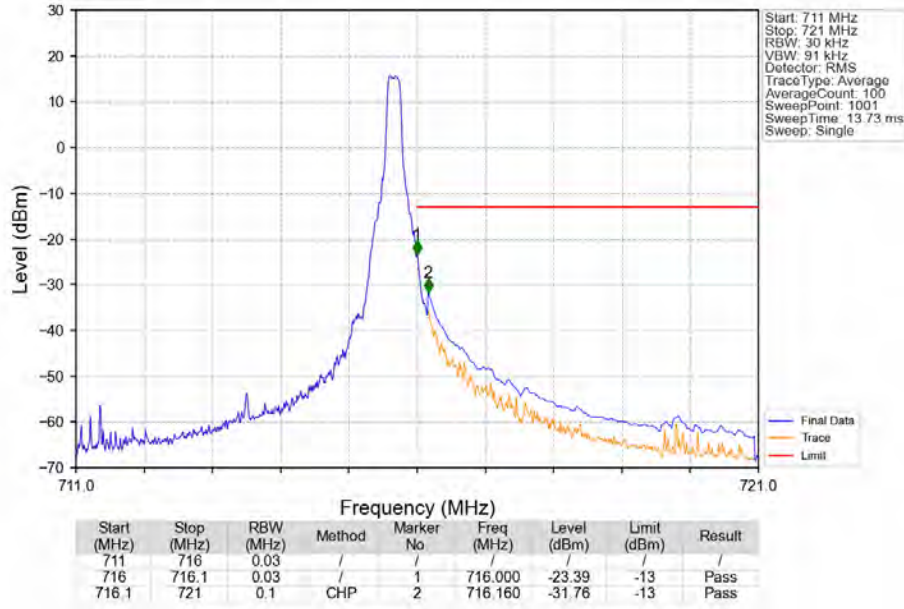
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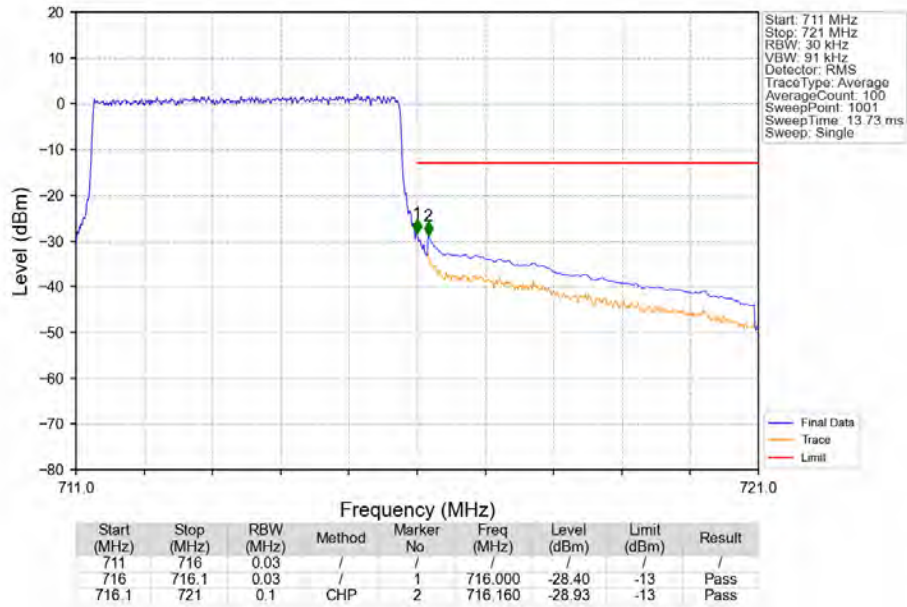
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Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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6.4 B12_10MHz

6.4.1 Test Result

Band: 12 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	711	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



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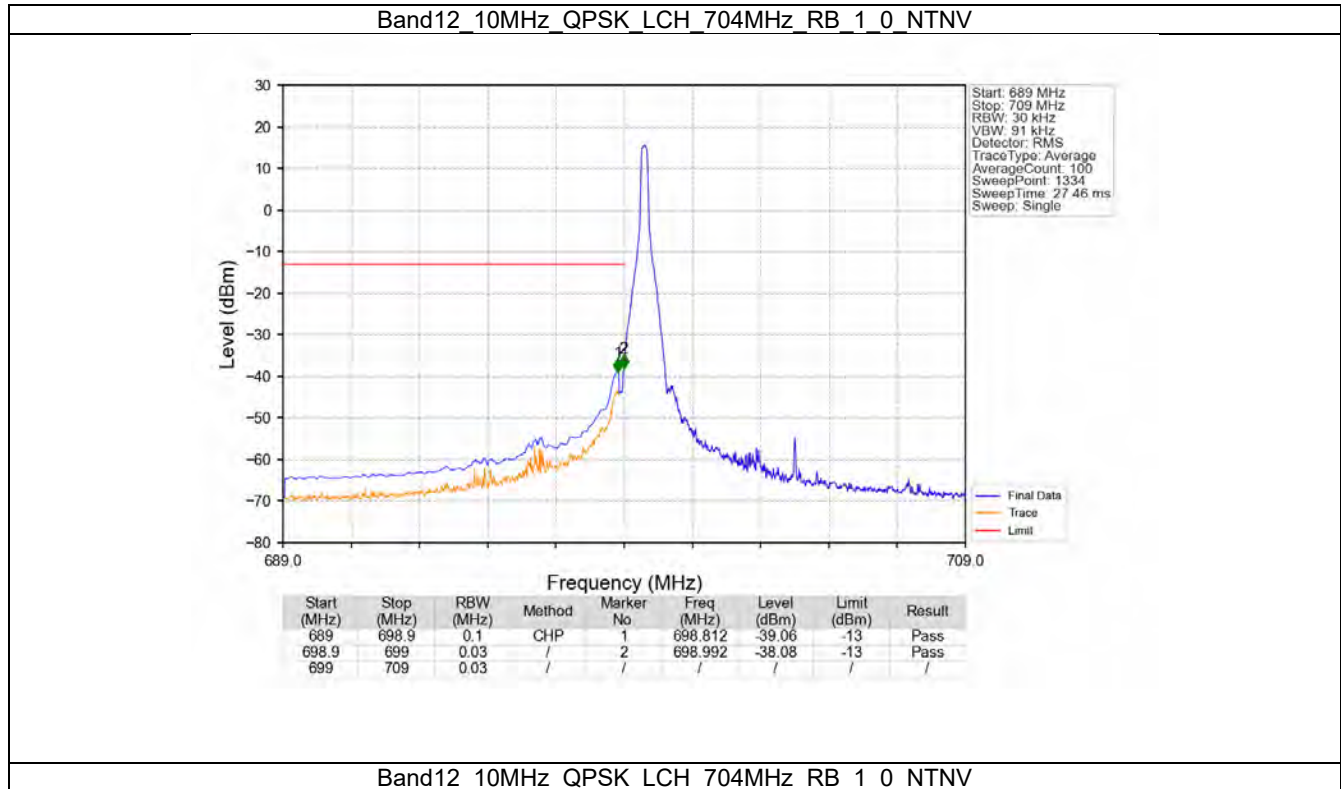
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6.4.2 Test Graph



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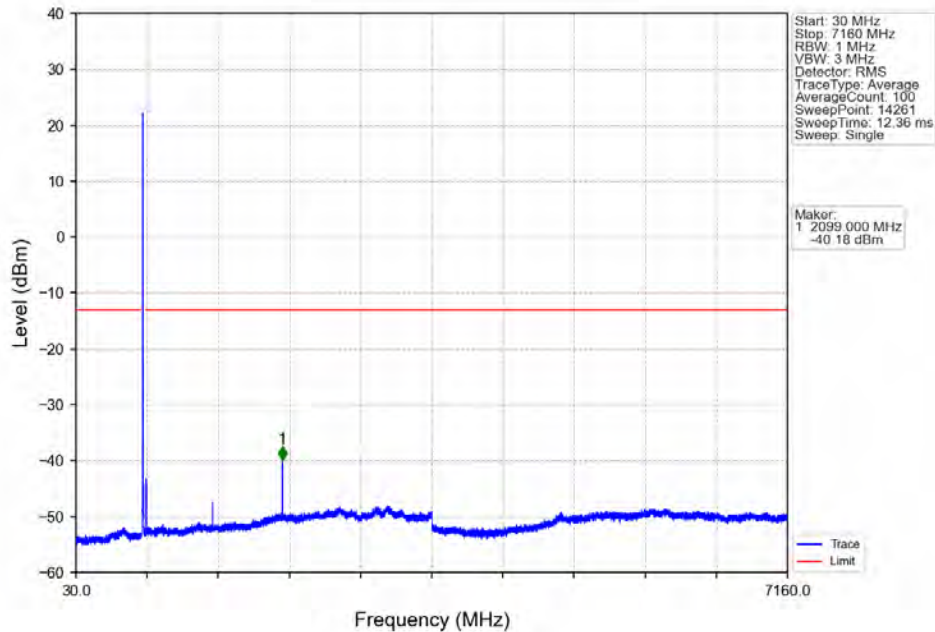
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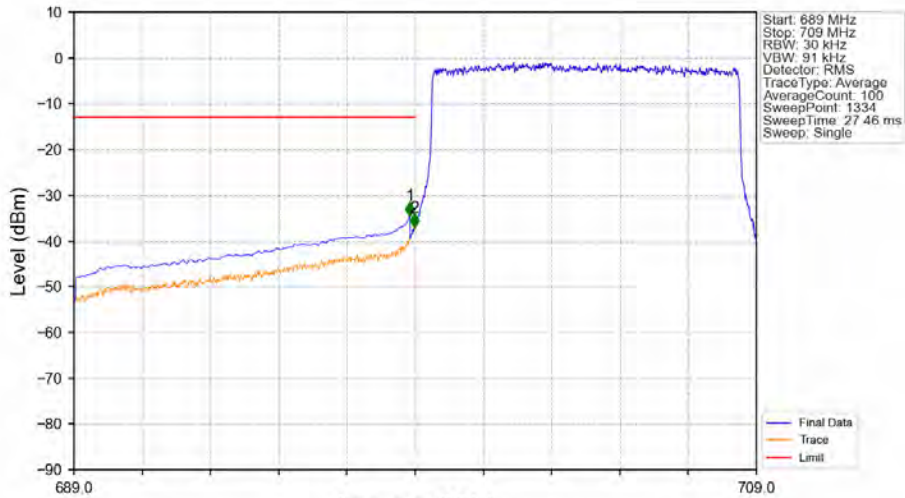
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Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.56	-13	Pass
698.9	699	0.03	/	2	698.977	-37.12	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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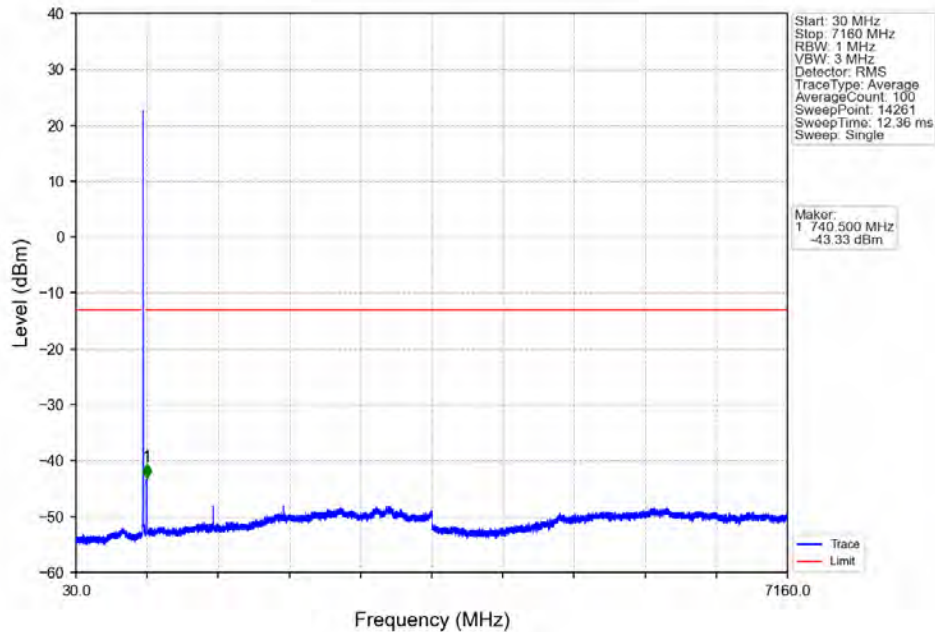
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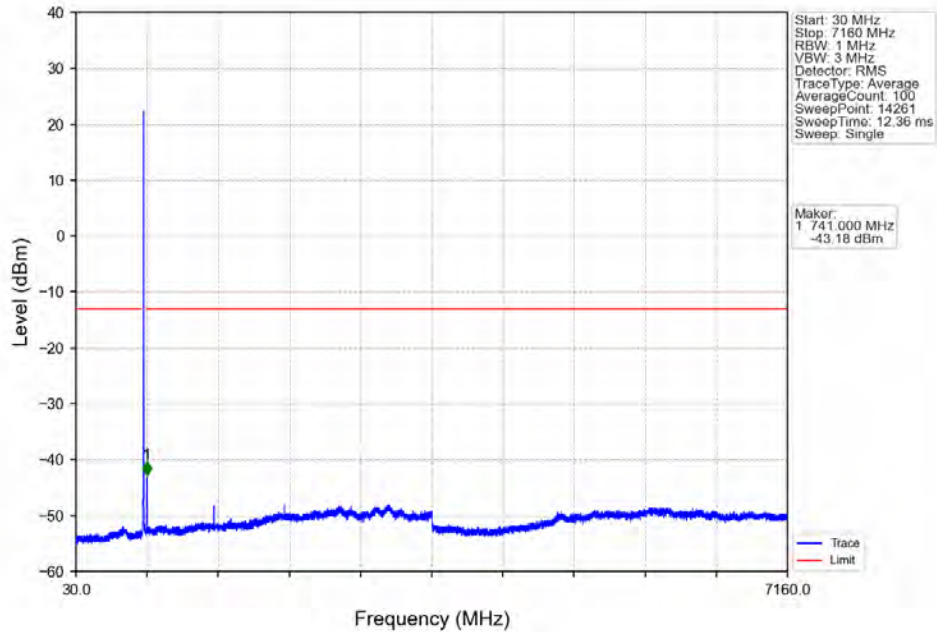
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Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



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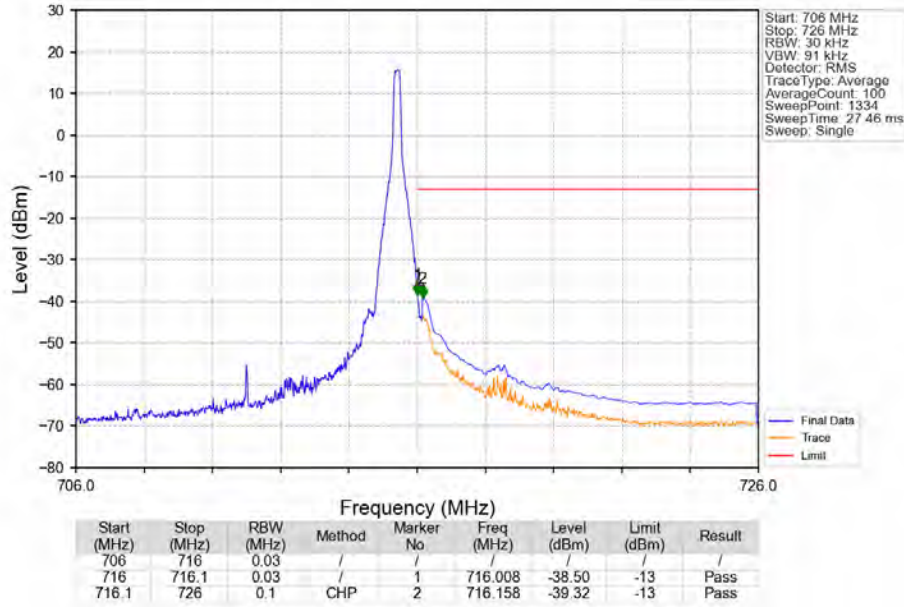
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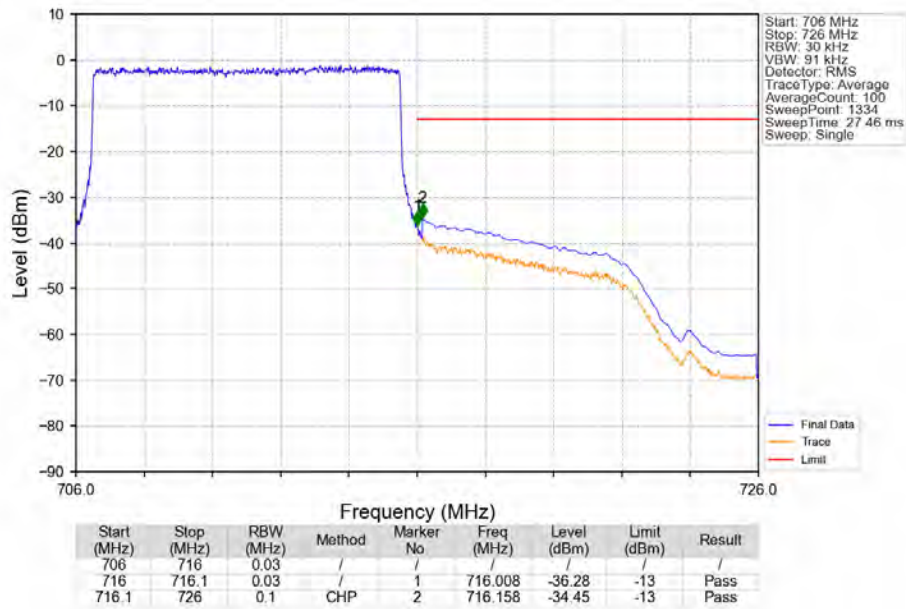
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Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



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