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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result Ant1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band42(3450-3550)	5MHz	QPSK	L	1RB0	23.97	27.47	30	PASS
Band42(3450-3550)	5MHz	QPSK	L	1RB12	23.88	27.38	30	PASS
Band42(3450-3550)	5MHz	QPSK	L	1RB24	23.87	27.37	30	PASS
Band42(3450-3550)	5MHz	QPSK	L	25RB0	23.04	26.54	30	PASS
Band42(3450-3550)	5MHz	QPSK	M	1RB0	23.88	27.38	30	PASS
Band42(3450-3550)	5MHz	QPSK	M	1RB12	23.79	27.29	30	PASS
Band42(3450-3550)	5MHz	QPSK	M	1RB24	23.92	27.42	30	PASS
Band42(3450-3550)	5MHz	QPSK	M	25RB0	23.03	26.53	30	PASS
Band42(3450-3550)	5MHz	QPSK	H	1RB0	23.99	27.49	30	PASS
Band42(3450-3550)	5MHz	QPSK	H	1RB12	23.89	27.39	30	PASS
Band42(3450-3550)	5MHz	QPSK	H	1RB24	23.85	27.35	30	PASS
Band42(3450-3550)	5MHz	QPSK	H	25RB0	23.12	26.62	30	PASS
Band42(3450-3550)	5MHz	16QAM	L	1RB0	23.07	26.57	30	PASS
Band42(3450-3550)	5MHz	16QAM	L	1RB12	23.19	26.69	30	PASS
Band42(3450-3550)	5MHz	16QAM	L	1RB24	23.13	26.63	30	PASS

3550)								
Band42(3450-3550)	5MHz	16QAM	L	25RB0	21.93	25.43	30	PASS
Band42(3450-3550)	5MHz	16QAM	M	1RB0	23.19	26.69	30	PASS
Band42(3450-3550)	5MHz	16QAM	M	1RB12	23.13	26.63	30	PASS
Band42(3450-3550)	5MHz	16QAM	M	1RB24	23.11	26.61	30	PASS
Band42(3450-3550)	5MHz	16QAM	M	25RB0	21.88	25.38	30	PASS
Band42(3450-3550)	5MHz	16QAM	H	1RB0	23.29	26.79	30	PASS
Band42(3450-3550)	5MHz	16QAM	H	1RB12	23.17	26.67	30	PASS
Band42(3450-3550)	5MHz	16QAM	H	1RB24	23.19	26.69	30	PASS
Band42(3450-3550)	5MHz	16QAM	H	25RB0	22.04	25.54	30	PASS
Band42(3450-3550)	5MHz	64QAM	L	1RB0	23.04	26.54	30	PASS
Band42(3450-3550)	5MHz	64QAM	L	1RB12	23.12	26.62	30	PASS
Band42(3450-3550)	5MHz	64QAM	L	1RB24	22.92	26.42	30	PASS
Band42(3450-3550)	5MHz	64QAM	L	25RB0	21.96	25.46	30	PASS
Band42(3450-3550)	5MHz	64QAM	M	1RB0	22.94	26.44	30	PASS
Band42(3450-3550)	5MHz	64QAM	M	1RB12	23	26.5	30	PASS
Band42(3450-3550)	5MHz	64QAM	M	1RB24	23.06	26.56	30	PASS

Band42(3450-3550)	5MHz	64QAM	M	25RB0	21.96	25.46	30	PASS
Band42(3450-3550)	5MHz	64QAM	H	1RB0	23.06	26.56	30	PASS
Band42(3450-3550)	5MHz	64QAM	H	1RB12	23.04	26.54	30	PASS
Band42(3450-3550)	5MHz	64QAM	H	1RB24	23.1	26.6	30	PASS
Band42(3450-3550)	5MHz	64QAM	H	25RB0	22.03	25.53	30	PASS
Band42(3450-3550)	10MHz	QPSK	L	1RB0	23.82	27.32	30	PASS
Band42(3450-3550)	10MHz	QPSK	L	1RB24	23.87	27.37	30	PASS
Band42(3450-3550)	10MHz	QPSK	L	1RB49	24.05	27.55	30	PASS
Band42(3450-3550)	10MHz	QPSK	L	50RB0	23.13	26.63	30	PASS
Band42(3450-3550)	10MHz	QPSK	M	1RB0	23.78	27.28	30	PASS
Band42(3450-3550)	10MHz	QPSK	M	1RB24	23.93	27.43	30	PASS
Band42(3450-3550)	10MHz	QPSK	M	1RB49	23.88	27.38	30	PASS
Band42(3450-3550)	10MHz	QPSK	M	50RB0	22.89	26.39	30	PASS
Band42(3450-3550)	10MHz	QPSK	H	1RB0	23.9	27.4	30	PASS
Band42(3450-3550)	10MHz	QPSK	H	1RB24	23.99	27.49	30	PASS
Band42(3450-3550)	10MHz	QPSK	H	1RB49	23.85	27.35	30	PASS
Band42(3450-3550)	10MHz	QPSK	H	50RB0	23.13	26.63	30	PASS

Band42(3450-3550)	10MHz	16QAM	L	1RB0	23.12	26.62	30	PASS
Band42(3450-3550)	10MHz	16QAM	L	1RB24	23.21	26.71	30	PASS
Band42(3450-3550)	10MHz	16QAM	L	1RB49	23.26	26.76	30	PASS
Band42(3450-3550)	10MHz	16QAM	L	50RB0	22.21	25.71	30	PASS
Band42(3450-3550)	10MHz	16QAM	M	1RB0	23.03	26.53	30	PASS
Band42(3450-3550)	10MHz	16QAM	M	1RB24	23.05	26.55	30	PASS
Band42(3450-3550)	10MHz	16QAM	M	1RB49	23.11	26.61	30	PASS
Band42(3450-3550)	10MHz	16QAM	M	50RB0	21.96	25.46	30	PASS
Band42(3450-3550)	10MHz	16QAM	H	1RB0	23.28	26.78	30	PASS
Band42(3450-3550)	10MHz	16QAM	H	1RB24	23.23	26.73	30	PASS
Band42(3450-3550)	10MHz	16QAM	H	1RB49	23.07	26.57	30	PASS
Band42(3450-3550)	10MHz	16QAM	H	50RB0	21.99	25.49	30	PASS
Band42(3450-3550)	10MHz	64QAM	L	1RB0	21.95	25.45	30	PASS
Band42(3450-3550)	10MHz	64QAM	L	1RB24	21.87	25.37	30	PASS
Band42(3450-3550)	10MHz	64QAM	L	1RB49	21.96	25.46	30	PASS
Band42(3450-3550)	10MHz	64QAM	L	50RB0	21.08	24.58	30	PASS
Band42(3450-3550)	10MHz	64QAM	M	1RB0	21.92	25.42	30	PASS

Band42(3450-3550)	10MHz	64QAM	M	1RB24	21.9	25.4	30	PASS
Band42(3450-3550)	10MHz	64QAM	M	1RB49	21.93	25.43	30	PASS
Band42(3450-3550)	10MHz	64QAM	M	50RB0	21.09	24.59	30	PASS
Band42(3450-3550)	10MHz	64QAM	H	1RB0	21.97	25.47	30	PASS
Band42(3450-3550)	10MHz	64QAM	H	1RB24	21.85	25.35	30	PASS
Band42(3450-3550)	10MHz	64QAM	H	1RB49	22.01	25.51	30	PASS
Band42(3450-3550)	10MHz	64QAM	H	50RB0	21.04	24.54	30	PASS
Band42(3450-3550)	15MHz	QPSK	L	1RB0	23.82	27.32	30	PASS
Band42(3450-3550)	15MHz	QPSK	L	1RB38	23.98	27.48	30	PASS
Band42(3450-3550)	15MHz	QPSK	L	1RB74	23.93	27.43	30	PASS
Band42(3450-3550)	15MHz	QPSK	L	75RB0	23.06	26.56	30	PASS
Band42(3450-3550)	15MHz	QPSK	M	1RB0	23.73	27.23	30	PASS
Band42(3450-3550)	15MHz	QPSK	M	1RB38	23.87	27.37	30	PASS
Band42(3450-3550)	15MHz	QPSK	M	1RB74	23.85	27.35	30	PASS
Band42(3450-3550)	15MHz	QPSK	M	75RB0	22.89	26.39	30	PASS
Band42(3450-3550)	15MHz	QPSK	H	1RB0	23.8	27.3	30	PASS
Band42(3450-3550)	15MHz	QPSK	H	1RB38	23.94	27.44	30	PASS

Band42(3450-3550)	15MHz	QPSK	H	1RB74	23.86	27.36	30	PASS
Band42(3450-3550)	15MHz	QPSK	H	75RB0	22.96	26.46	30	PASS
Band42(3450-3550)	15MHz	16QAM	L	1RB0	23.01	26.51	30	PASS
Band42(3450-3550)	15MHz	16QAM	L	1RB38	23.16	26.66	30	PASS
Band42(3450-3550)	15MHz	16QAM	L	1RB74	23.33	26.83	30	PASS
Band42(3450-3550)	15MHz	16QAM	L	75RB0	22.16	25.66	30	PASS
Band42(3450-3550)	15MHz	16QAM	M	1RB0	23	26.5	30	PASS
Band42(3450-3550)	15MHz	16QAM	M	1RB38	23.17	26.67	30	PASS
Band42(3450-3550)	15MHz	16QAM	M	1RB74	23.17	26.67	30	PASS
Band42(3450-3550)	15MHz	16QAM	M	75RB0	22.05	25.55	30	PASS
Band42(3450-3550)	15MHz	16QAM	H	1RB0	23.13	26.63	30	PASS
Band42(3450-3550)	15MHz	16QAM	H	1RB38	23.25	26.75	30	PASS
Band42(3450-3550)	15MHz	16QAM	H	1RB74	23.26	26.76	30	PASS
Band42(3450-3550)	15MHz	16QAM	H	75RB0	21.99	25.49	30	PASS
Band42(3450-3550)	15MHz	64QAM	L	1RB0	21.87	25.37	30	PASS
Band42(3450-3550)	15MHz	64QAM	L	1RB38	21.91	25.41	30	PASS
Band42(3450-3550)	15MHz	64QAM	L	1RB74	22.17	25.67	30	PASS

Band42(3450-3550)	15MHz	64QAM	L	75RB0	21.12	24.62	30	PASS
Band42(3450-3550)	15MHz	64QAM	M	1RB0	21.76	25.26	30	PASS
Band42(3450-3550)	15MHz	64QAM	M	1RB38	21.9	25.4	30	PASS
Band42(3450-3550)	15MHz	64QAM	M	1RB74	21.87	25.37	30	PASS
Band42(3450-3550)	15MHz	64QAM	M	75RB0	20.95	24.45	30	PASS
Band42(3450-3550)	15MHz	64QAM	H	1RB0	21.93	25.43	30	PASS
Band42(3450-3550)	15MHz	64QAM	H	1RB38	21.94	25.44	30	PASS
Band42(3450-3550)	15MHz	64QAM	H	1RB74	21.99	25.49	30	PASS
Band42(3450-3550)	15MHz	64QAM	H	75RB0	20.98	24.48	30	PASS
Band42(3450-3550)	20MHz	QPSK	L	1RB0	23.81	27.31	30	PASS
Band42(3450-3550)	20MHz	QPSK	L	1RB49	23.94	27.44	30	PASS
Band42(3450-3550)	20MHz	QPSK	L	1RB99	23.91	27.41	30	PASS
Band42(3450-3550)	20MHz	QPSK	L	100RB0	23.18	26.68	30	PASS
Band42(3450-3550)	20MHz	QPSK	M	1RB0	23.81	27.31	30	PASS
Band42(3450-3550)	20MHz	QPSK	M	1RB49	23.85	27.35	30	PASS
Band42(3450-3550)	20MHz	QPSK	M	1RB99	23.94	27.44	30	PASS
Band42(3450-3550)	20MHz	QPSK	M	100RB0	22.91	26.41	30	PASS

Band42(3450-3550)	20MHz	QPSK	H	1RB0	23.86	27.36	30	PASS
Band42(3450-3550)	20MHz	QPSK	H	1RB49	23.93	27.43	30	PASS
Band42(3450-3550)	20MHz	QPSK	H	1RB99	23.81	27.31	30	PASS
Band42(3450-3550)	20MHz	QPSK	H	100RB0	22.99	26.49	30	PASS
Band42(3450-3550)	20MHz	16QAM	L	1RB0	22.94	26.44	30	PASS
Band42(3450-3550)	20MHz	16QAM	L	1RB49	23.28	26.78	30	PASS
Band42(3450-3550)	20MHz	16QAM	L	1RB99	23.24	26.74	30	PASS
Band42(3450-3550)	20MHz	16QAM	L	100RB0	22.1	25.6	30	PASS
Band42(3450-3550)	20MHz	16QAM	M	1RB0	22.98	26.48	30	PASS
Band42(3450-3550)	20MHz	16QAM	M	1RB49	23.05	26.55	30	PASS
Band42(3450-3550)	20MHz	16QAM	M	1RB99	23.05	26.55	30	PASS
Band42(3450-3550)	20MHz	16QAM	M	100RB0	22.06	25.56	30	PASS
Band42(3450-3550)	20MHz	16QAM	H	1RB0	23	26.5	30	PASS
Band42(3450-3550)	20MHz	16QAM	H	1RB49	23.16	26.66	30	PASS
Band42(3450-3550)	20MHz	16QAM	H	1RB99	23.2	26.7	30	PASS
Band42(3450-3550)	20MHz	16QAM	H	100RB0	22.17	25.67	30	PASS
Band42(3450-3550)	20MHz	64QAM	L	1RB0	21.73	25.23	30	PASS

Band42(3450-3550)	20MHz	64QAM	L	1RB49	22.03	25.53	30	PASS
Band42(3450-3550)	20MHz	64QAM	L	1RB99	22	25.5	30	PASS
Band42(3450-3550)	20MHz	64QAM	L	100RB0	21.09	24.59	30	PASS
Band42(3450-3550)	20MHz	64QAM	M	1RB0	21.8	25.3	30	PASS
Band42(3450-3550)	20MHz	64QAM	M	1RB49	21.8	25.3	30	PASS
Band42(3450-3550)	20MHz	64QAM	M	1RB99	21.85	25.35	30	PASS
Band42(3450-3550)	20MHz	64QAM	M	100RB0	21.05	24.55	30	PASS
Band42(3450-3550)	20MHz	64QAM	H	1RB0	21.93	25.43	30	PASS
Band42(3450-3550)	20MHz	64QAM	H	1RB49	22.02	25.52	30	PASS
Band42(3450-3550)	20MHz	64QAM	H	1RB99	22.03	25.53	30	PASS
Band42(3450-3550)	20MHz	64QAM	H	100RB0	21.1	24.6	30	PASS

2. Frequency Stability

2.4 B42a_20MHz

2.4.1 Test Result

Band: 42a / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3460	100	0	20	3.27	-1.822	-0.0005	-2.5 to 2.5	Pass
					3.85	3.838	0.0011	-2.5 to 2.5	Pass
					4.43	0.544	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.404	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.791	0.0011	-2.5 to 2.5	Pass
				-10	3.85	4.195	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.456	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.059	0.0000	-2.5 to 2.5	Pass
				30	3.85	3.447	0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.222	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.669	-0.0005	-2.5 to 2.5	Pass
	3500	100	0	20	3.27	-1.151	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.035	-0.0006	-2.5 to 2.5	Pass
					4.43	0.266	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.172	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.143	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.326	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.012	0.0000	-2.5 to 2.5	Pass
				10	3.85	0.022	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.088	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.481	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-2.345	-0.0007	-2.5 to 2.5	Pass
	3540	100	0	20	3.27	2.077	0.0006	-2.5 to 2.5	Pass
					3.85	-0.893	-0.0003	-2.5 to 2.5	Pass
					4.43	2.820	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.969	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.310	0.0001	-2.5 to 2.5	Pass
				-10	3.85	3.507	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.986	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.264	-0.0001	-2.5 to 2.5	Pass
				30	3.85	3.429	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.931	0.0005	-2.5 to 2.5	Pass
				50	3.85	2.785	0.0008	-2.5 to 2.5	Pass
16QAM	3460	100	0	20	3.27	4.058	0.0012	-2.5 to 2.5	Pass
					3.85	4.144	0.0012	-2.5 to 2.5	Pass
					4.43	0.945	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.036	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.838	0.0002	-2.5 to 2.5	Pass
				-10	3.85	4.599	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.323	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.348	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.121	0.0000	-2.5 to 2.5	Pass
				40	3.85	4.215	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.637	0.0008	-2.5 to 2.5	Pass
	3500	100	0	20	3.27	0.465	0.0001	-2.5 to 2.5	Pass
					3.85	-2.248	-0.0006	-2.5 to 2.5	Pass
					4.43	1.567	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.168	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.446	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.571	-0.0007	-2.5 to 2.5	Pass

				0	3.85	0.461	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.461	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.216	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.967	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0002	-2.5 to 2.5	Pass
	3540	100	0	20	3.27	1.680	0.0005	-2.5 to 2.5	Pass
					3.85	2.540	0.0007	-2.5 to 2.5	Pass
					4.43	0.096	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.047	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.508	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.408	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.255	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.874	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.766	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.751	0.0005	-2.5 to 2.5	Pass
64QAM	3460	100	0	20	3.27	0.712	0.0002	-2.5 to 2.5	Pass
					3.85	4.976	0.0014	-2.5 to 2.5	Pass
					4.43	3.142	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.689	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.197	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.056	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.834	0.0008	-2.5 to 2.5	Pass
				10	3.85	4.082	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.691	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.568	0.0010	-2.5 to 2.5	Pass
	3500	100	0	20	3.27	-1.237	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.657	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.743	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.916	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.424	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.451	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.616	-0.0007	-2.5 to 2.5	Pass
				10	3.85	1.561	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.682	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.674	0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.399	-0.0004	-2.5 to 2.5	Pass
	3540	100	0	20	3.27	0.973	0.0003	-2.5 to 2.5	Pass
					3.85	3.260	0.0009	-2.5 to 2.5	Pass
					4.43	2.452	0.0007	-2.5 to 2.5	Pass
				-30	3.85	4.182	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.592	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.884	0.0005	-2.5 to 2.5	Pass
				0	3.85	3.331	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.454	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.123	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.949	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.251	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Band42a_OBW

3.1.1 Test Result

Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3452.5	25	0	4.565	/	Pass
		3500	25	0	4.564	/	Pass
		3547.5	25	0	4.571	/	Pass
	16QAM	3452.5	25	0	4.580	/	Pass
		3500	25	0	4.574	/	Pass
		3547.5	25	0	4.568	/	Pass
	64QAM	3452.5	25	0	4.553	/	Pass
		3500	25	0	4.553	/	Pass
		3547.5	25	0	4.548	/	Pass
10	QPSK	3455	50	0	9.106	/	Pass
		3500	50	0	9.107	/	Pass
		3545	50	0	9.066	/	Pass
	16QAM	3455	50	0	9.164	/	Pass
		3500	50	0	9.076	/	Pass
		3545	50	0	9.083	/	Pass
	64QAM	3455	50	0	9.083	/	Pass
		3500	50	0	9.080	/	Pass
		3545	50	0	9.069	/	Pass
15	QPSK	3457.5	75	0	13.633	/	Pass
		3500	75	0	13.632	/	Pass
		3542.5	75	0	13.605	/	Pass
	16QAM	3457.5	75	0	13.629	/	Pass
		3500	75	0	13.593	/	Pass
		3542.5	75	0	13.670	/	Pass
	64QAM	3457.5	75	0	13.637	/	Pass
		3500	75	0	13.607	/	Pass
		3542.5	75	0	13.628	/	Pass
20	QPSK	3460	100	0	18.153	/	Pass
		3500	100	0	18.136	/	Pass
		3540	100	0	18.123	/	Pass
	16QAM	3460	100	0	18.121	/	Pass
		3500	100	0	18.160	/	Pass
		3540	100	0	18.123	/	Pass
	64QAM	3460	100	0	18.117	/	Pass
		3500	100	0	18.070	/	Pass
		3540	100	0	18.139	/	Pass

3.2 Band42a_XDB

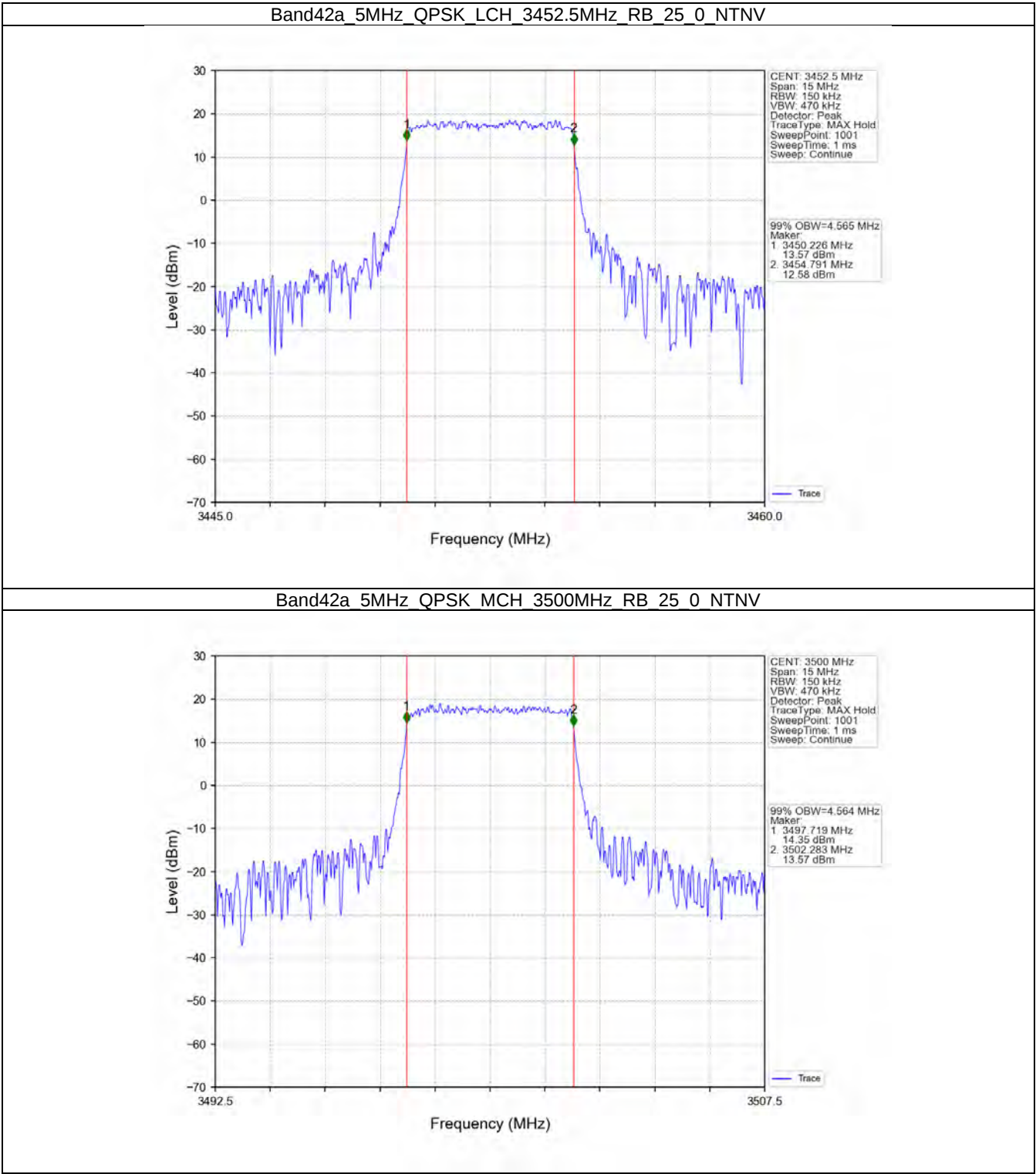
3.2.1 Test Result

Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3452.5	25	0	5.458	/	Pass
		3500	25	0	5.301	/	Pass
		3547.5	25	0	5.516	/	Pass

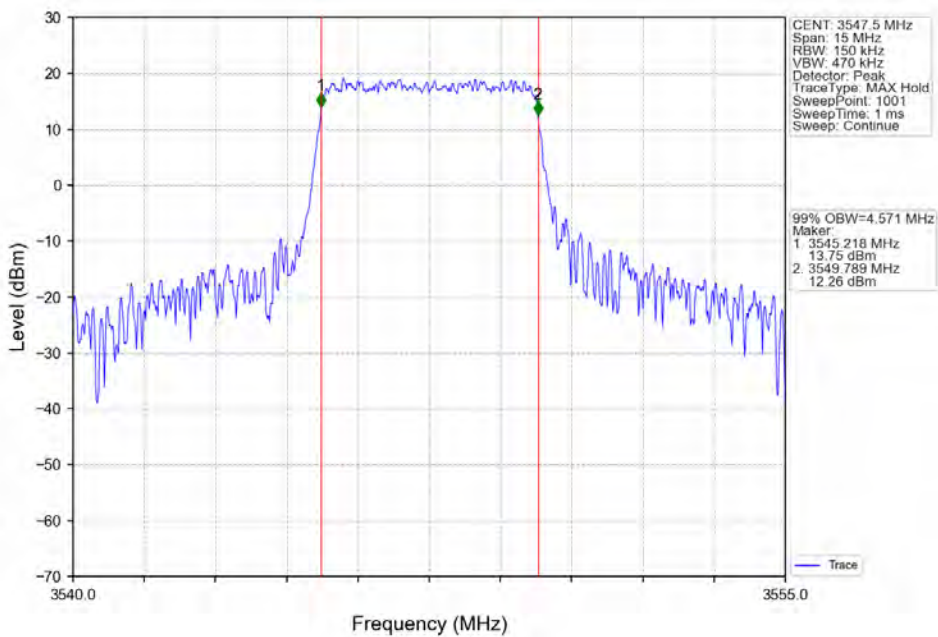
	16QAM	3452.5	25	0	5.292	/	Pass
		3500	25	0	5.674	/	Pass
		3547.5	25	0	5.274	/	Pass
	64QAM	3452.5	25	0	5.280	/	Pass
		3500	25	0	5.166	/	Pass
		3547.5	25	0	5.207	/	Pass
10	QPSK	3455	50	0	10.923	/	Pass
		3500	50	0	10.175	/	Pass
		3545	50	0	10.178	/	Pass
	16QAM	3455	50	0	10.200	/	Pass
		3500	50	0	10.159	/	Pass
		3545	50	0	10.574	/	Pass
	64QAM	3455	50	0	10.400	/	Pass
		3500	50	0	10.114	/	Pass
		3545	50	0	10.203	/	Pass
15	QPSK	3457.5	75	0	15.815	/	Pass
		3500	75	0	15.342	/	Pass
		3542.5	75	0	15.242	/	Pass
	16QAM	3457.5	75	0	15.501	/	Pass
		3500	75	0	15.252	/	Pass
		3542.5	75	0	15.630	/	Pass
	64QAM	3457.5	75	0	15.620	/	Pass
		3500	75	0	15.078	/	Pass
		3542.5	75	0	15.384	/	Pass
20	QPSK	3460	100	0	20.445	/	Pass
		3500	100	0	20.928	/	Pass
		3540	100	0	20.530	/	Pass
	16QAM	3460	100	0	20.562	/	Pass
		3500	100	0	20.256	/	Pass
		3540	100	0	20.728	/	Pass
	64QAM	3460	100	0	21.356	/	Pass
		3500	100	0	20.030	/	Pass
		3540	100	0	19.894	/	Pass

3.1 Band42a_OBW

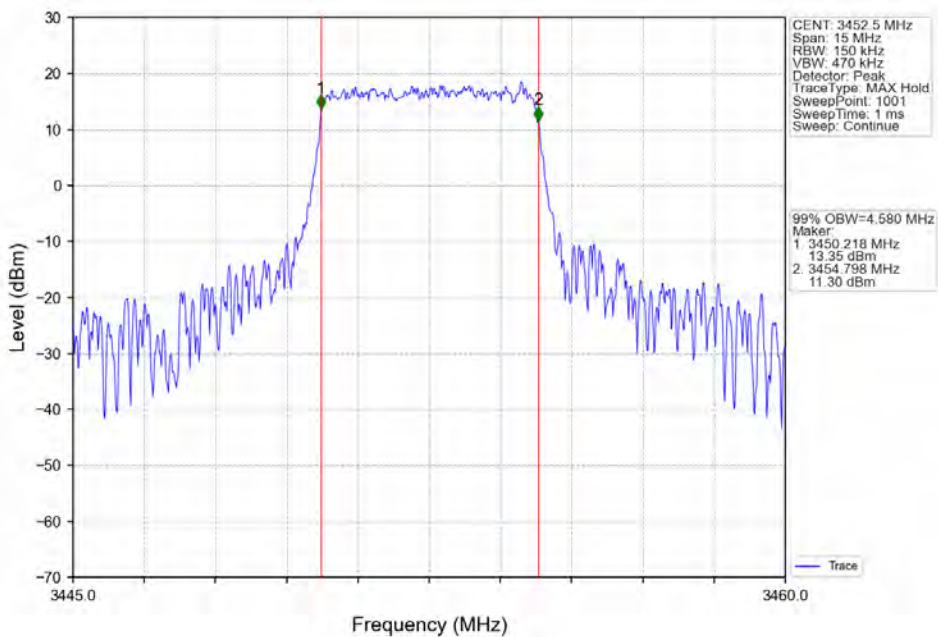
3.1.2 Test Graph



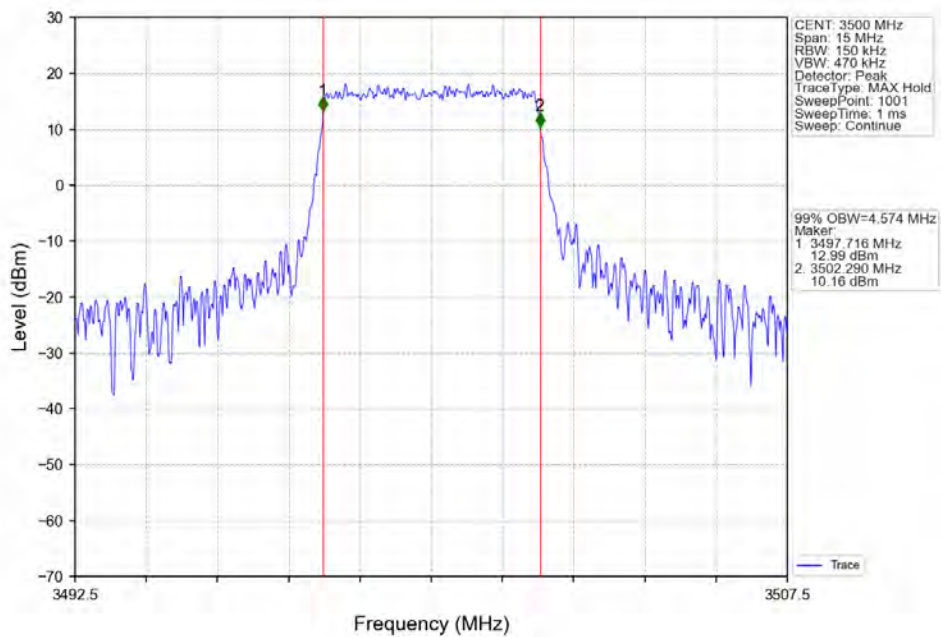
Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_25_0_NTNV



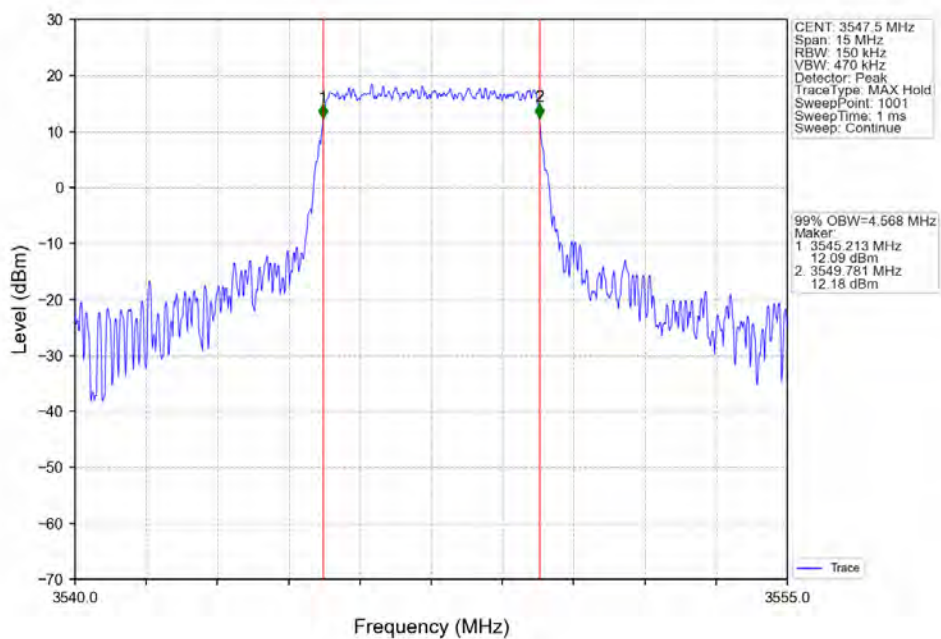
Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_25_0_NTNV



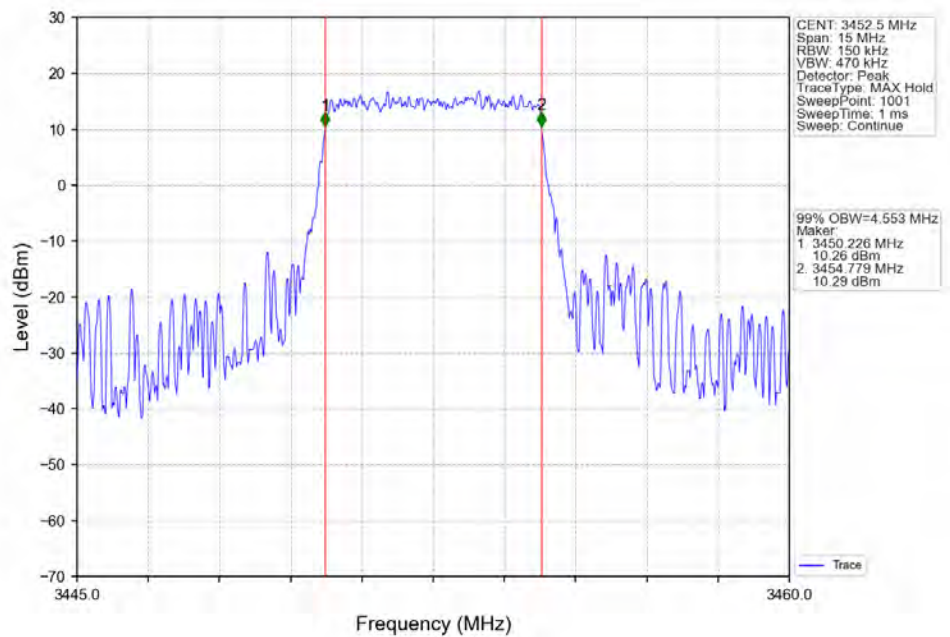
Band42a 5MHz 16QAM MCH 3500MHz RB 25 0 NTNV



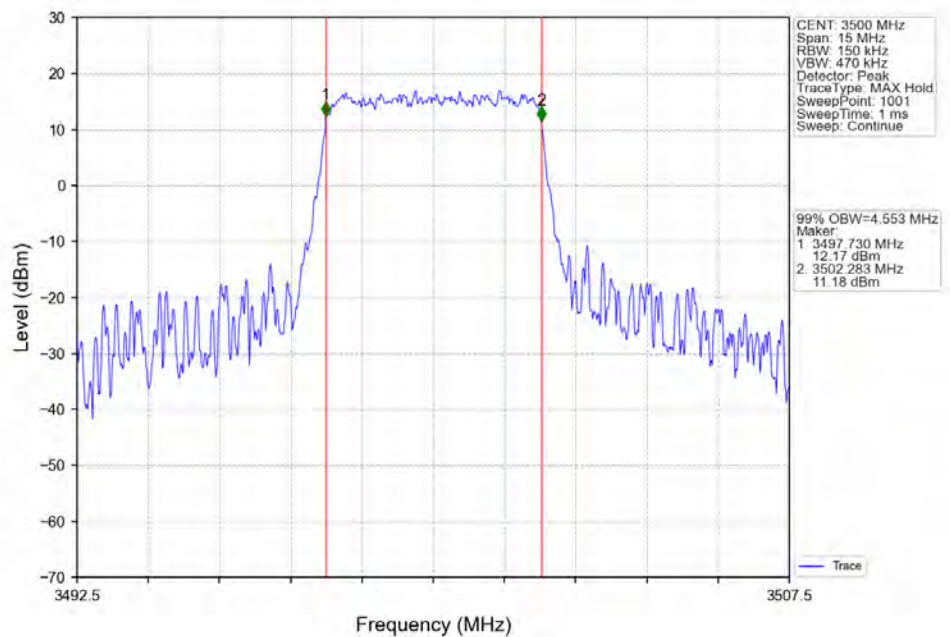
Band42a 5MHz 16QAM HCH 3547.5MHz RB 25 0 NTNV



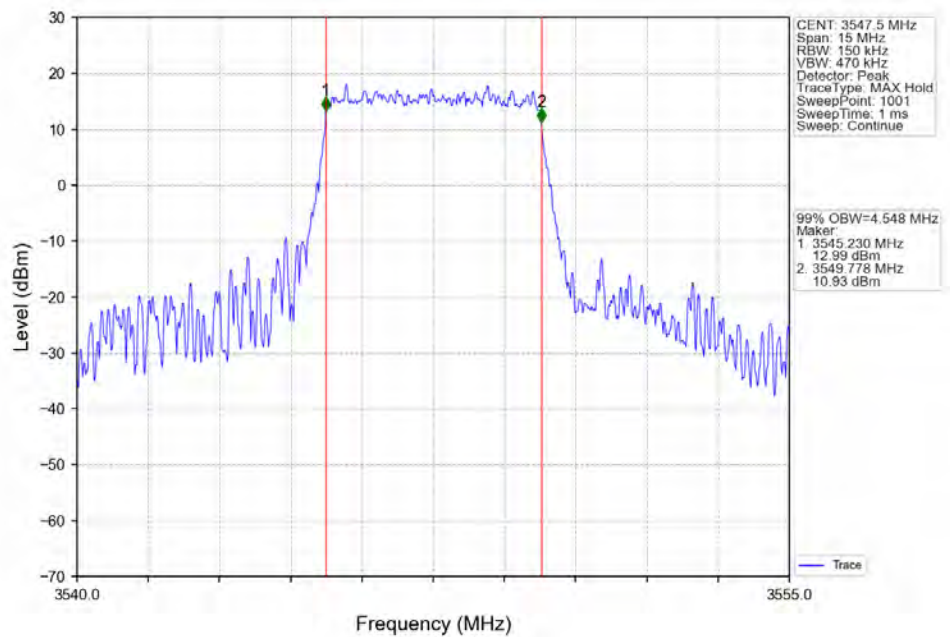
Band42a_5MHz_64QAM_LCH_3452.5MHz_RB_25_0_NTNV



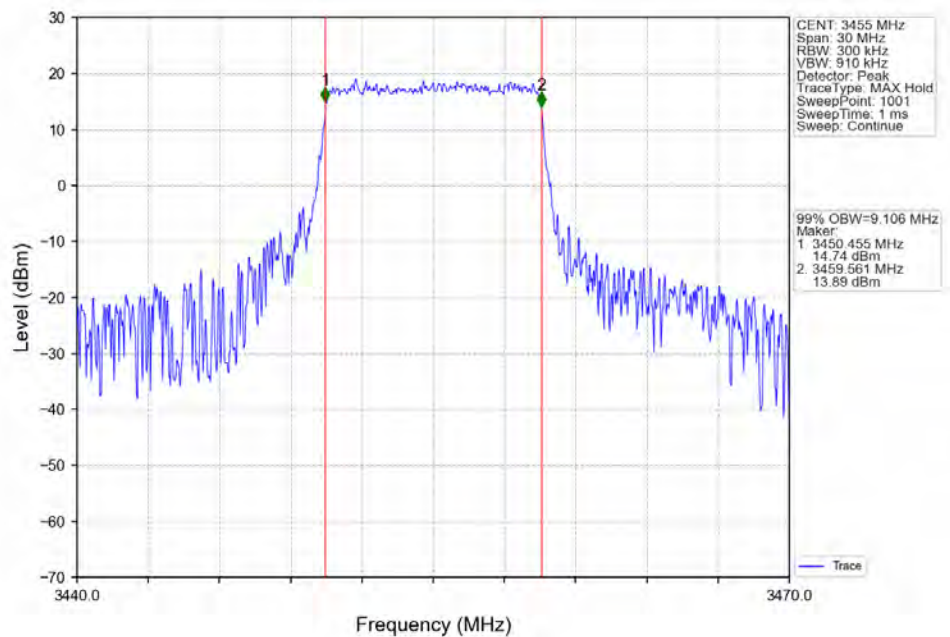
Band42a_5MHz_64QAM_MCH_3500MHz_RB_25_0_NTNV



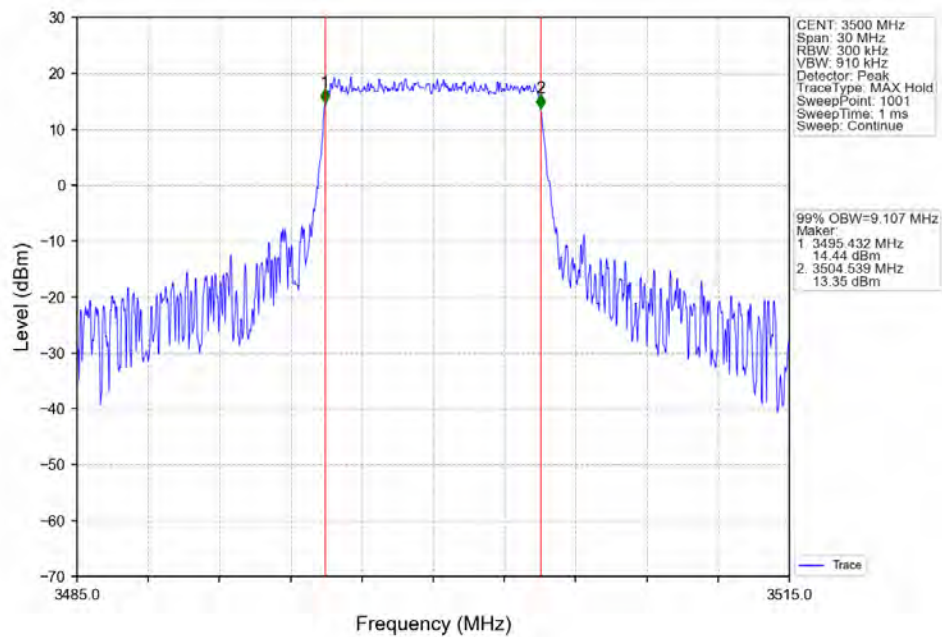
Band42a 5MHz 64QAM HCH 3547.5MHz RB 25 0 NTNV



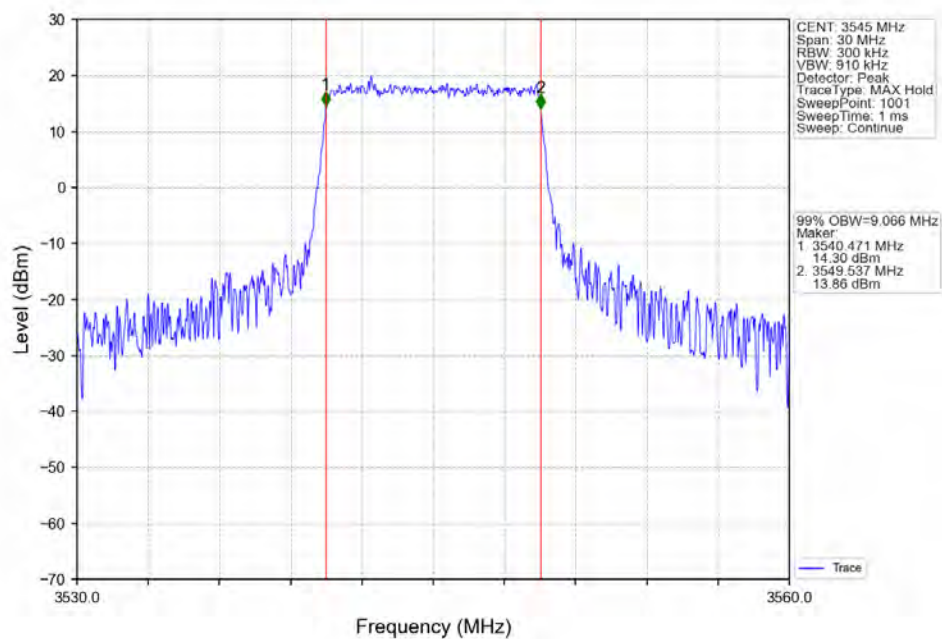
Band42a 10MHz QPSK LCH 3455MHz RB 50 0 NTNV



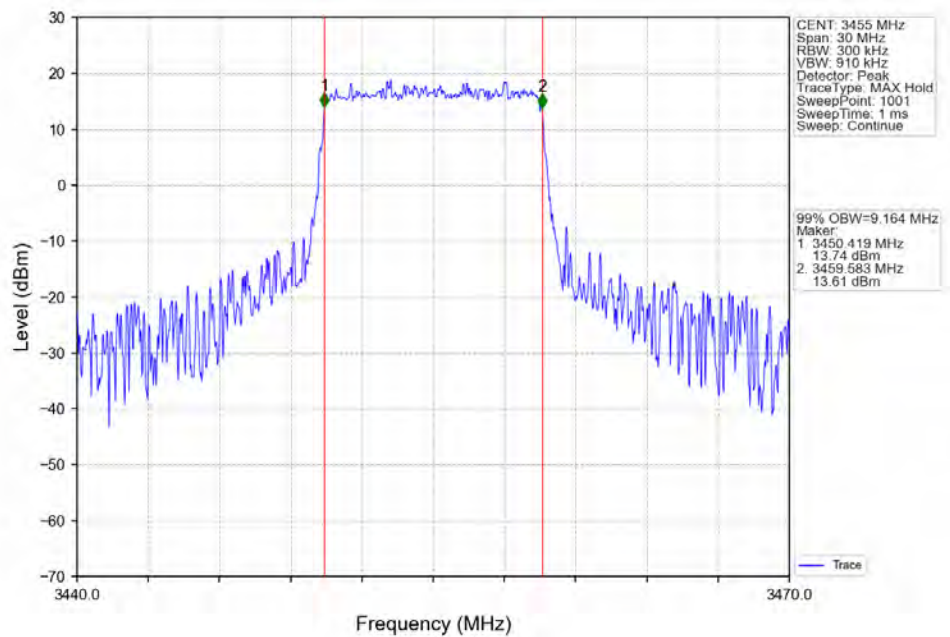
Band42a_10MHz_QPSK_MCH_3500MHz_RB_50_0_NTNV



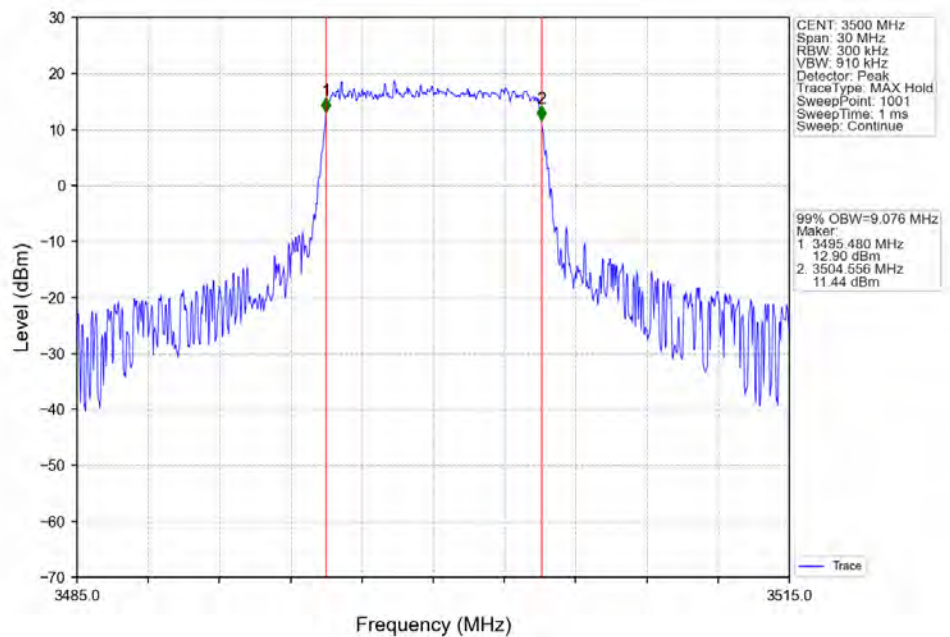
Band42a_10MHz_QPSK_HCH_3545MHz_RB_50_0_NTNV



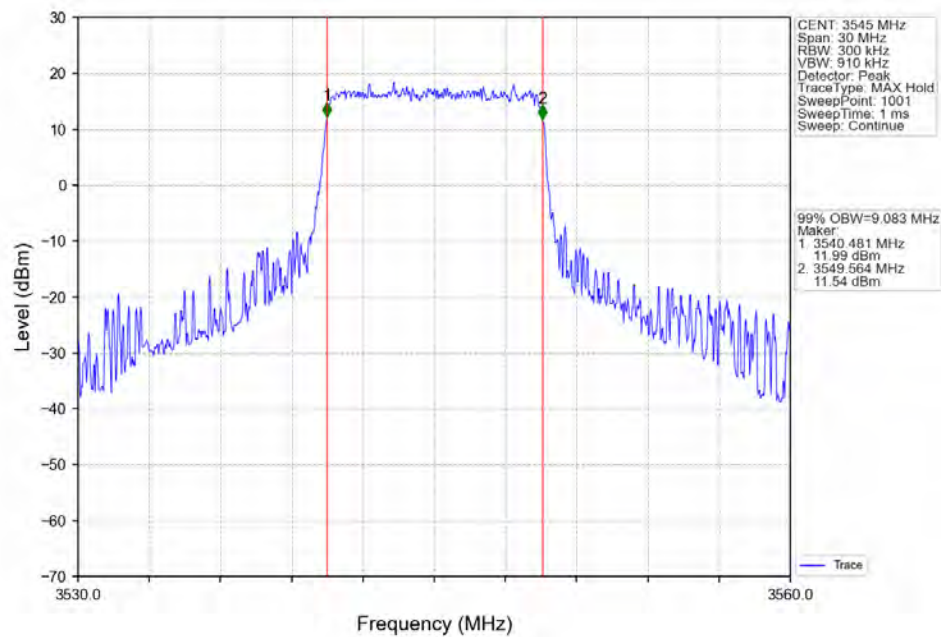
Band42a_10MHz_16QAM_LCH_3455MHz_RB_50_0_NTNV



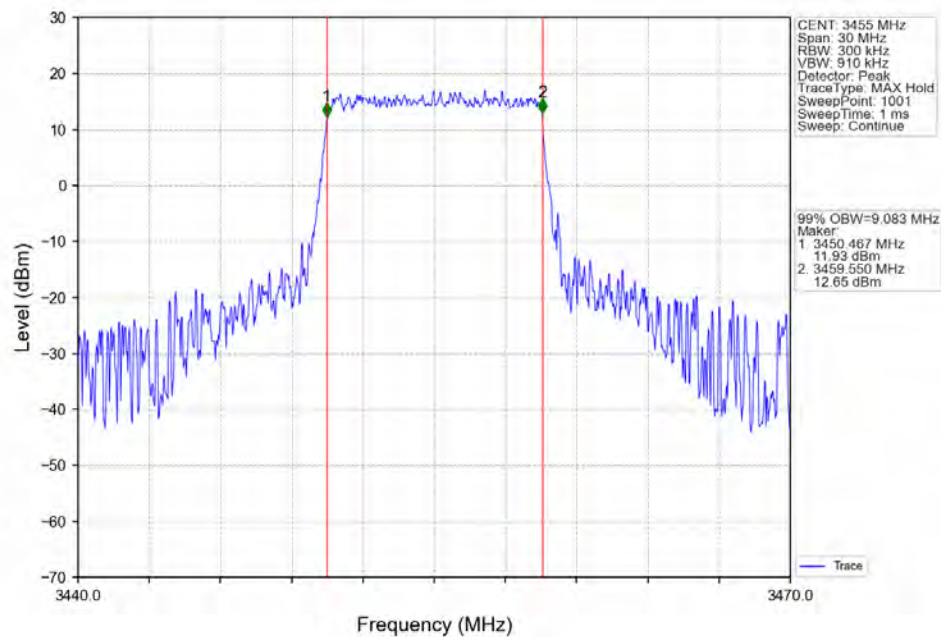
Band42a_10MHz_16QAM_MCH_3500MHz_RB_50_0_NTNV



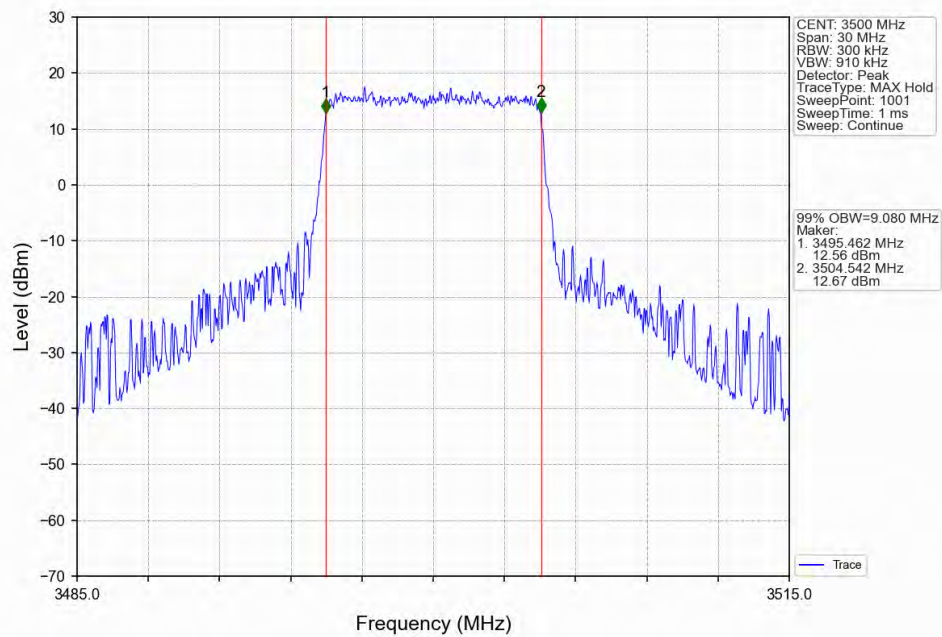
Band42a_10MHz_16QAM_HCH_3545MHz_RB_50_0_NTNV



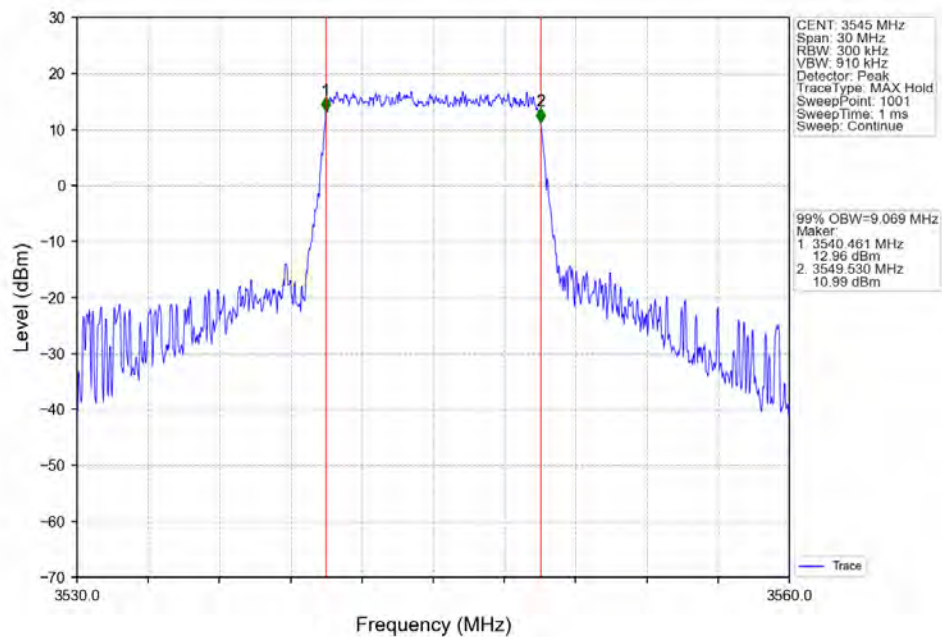
Band42a_10MHz_64QAM_LCH_3455MHz_RB_50_0_NTNV



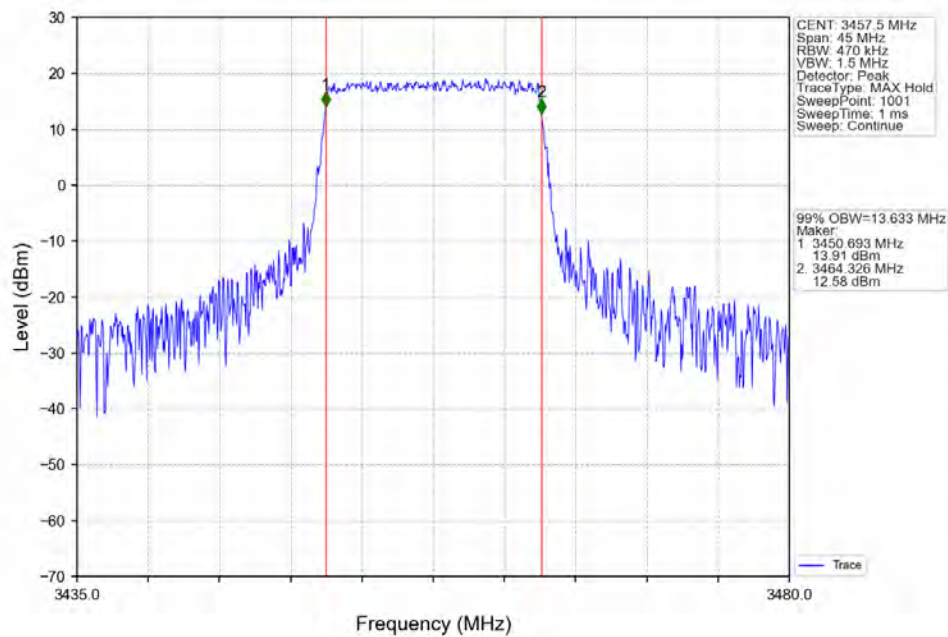
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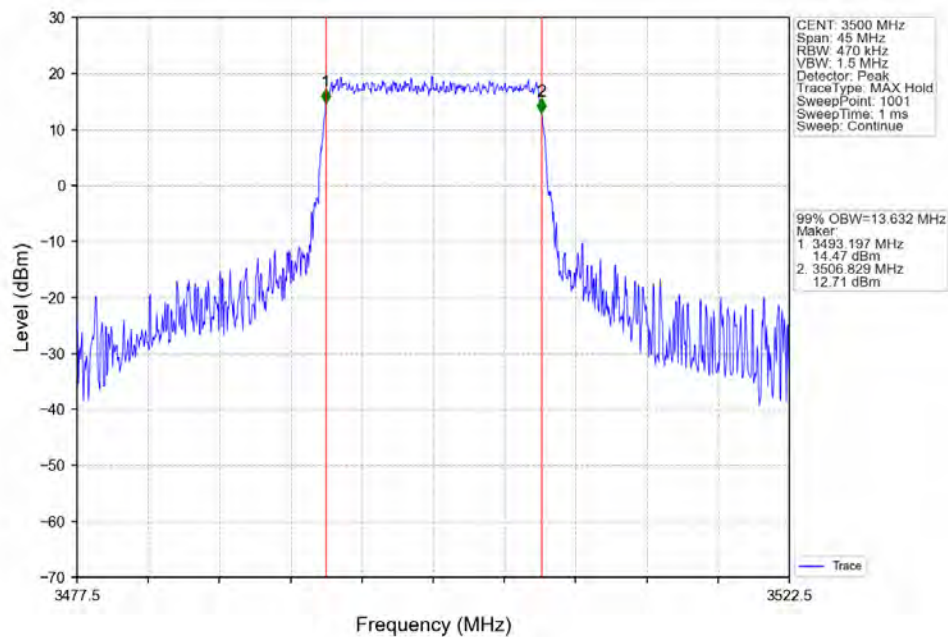
Band42a_10MHz_64QAM_HCH_3545MHz_RB_50_0_NTNV



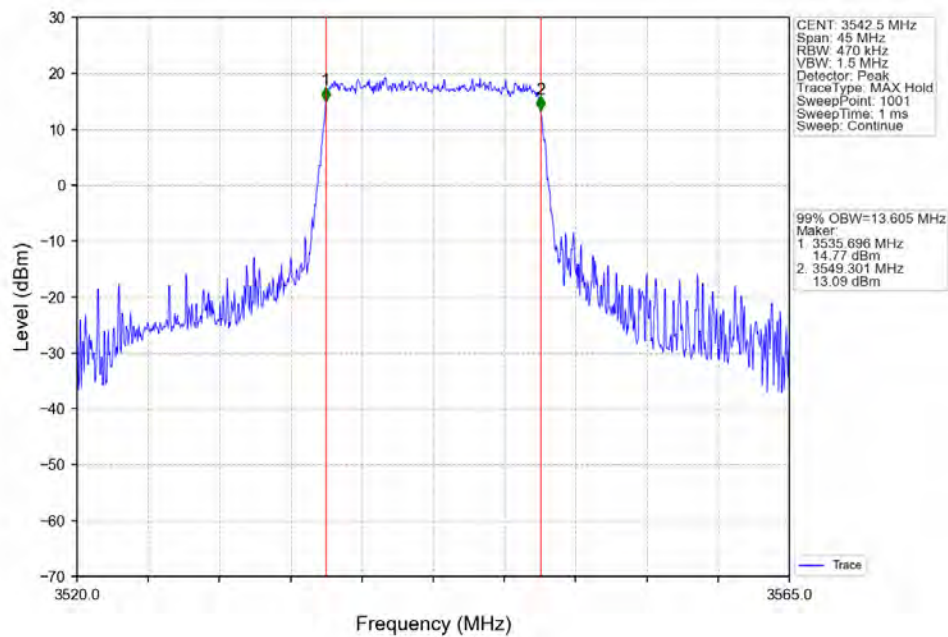
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_75_0_NTNV



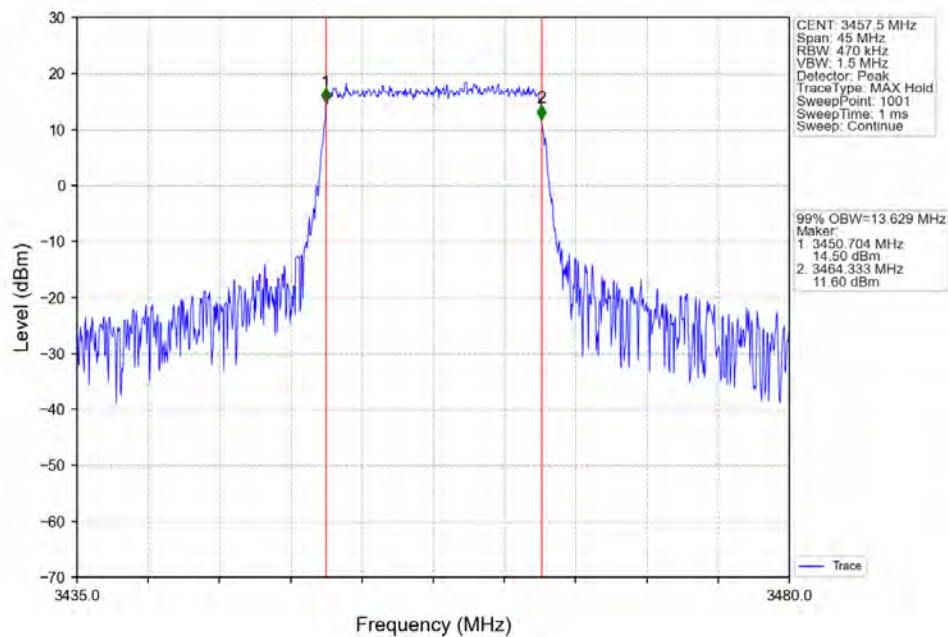
Band42a_15MHz_QPSK_MCH_3500MHz_RB_75_0_NTNV



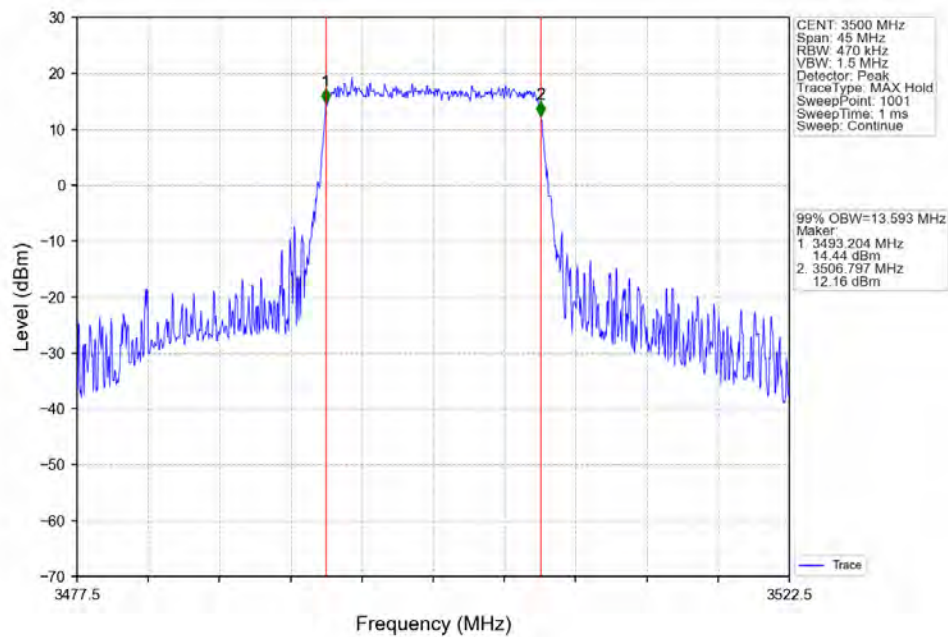
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_75_0_NTNV



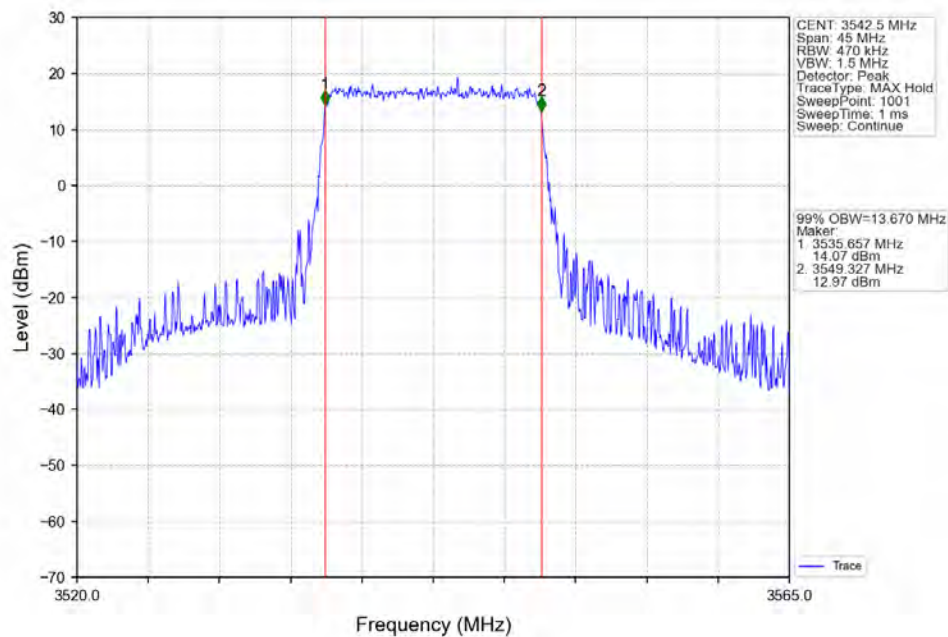
Band42a_15MHz_16QAM_LCH_3457.5MHz_RB_75_0_NTNV



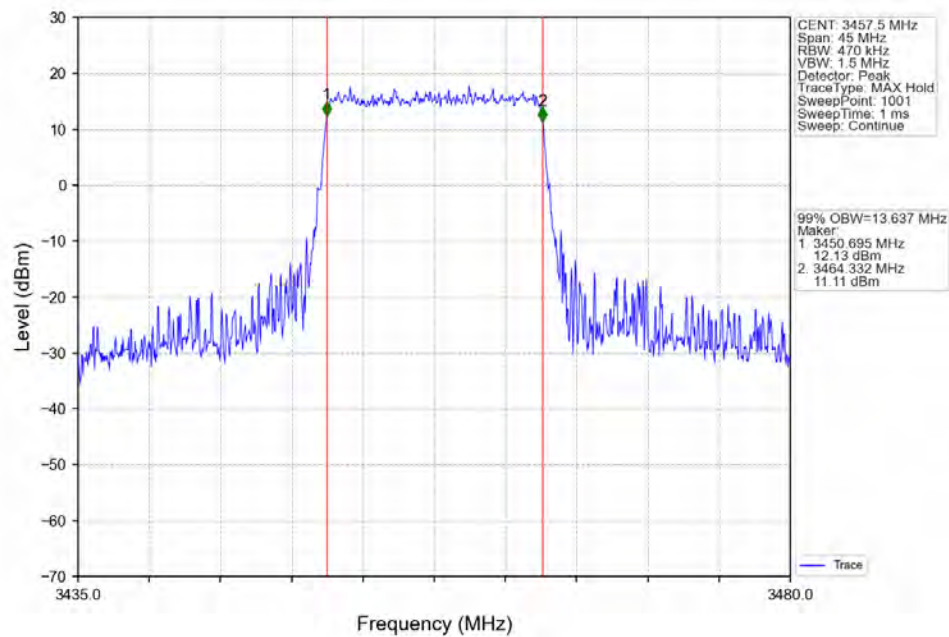
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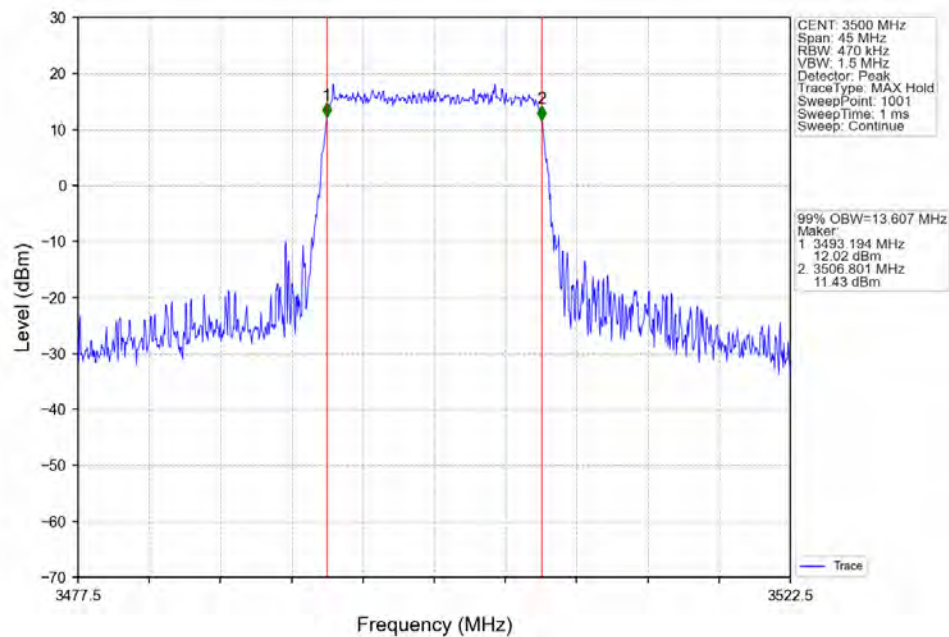
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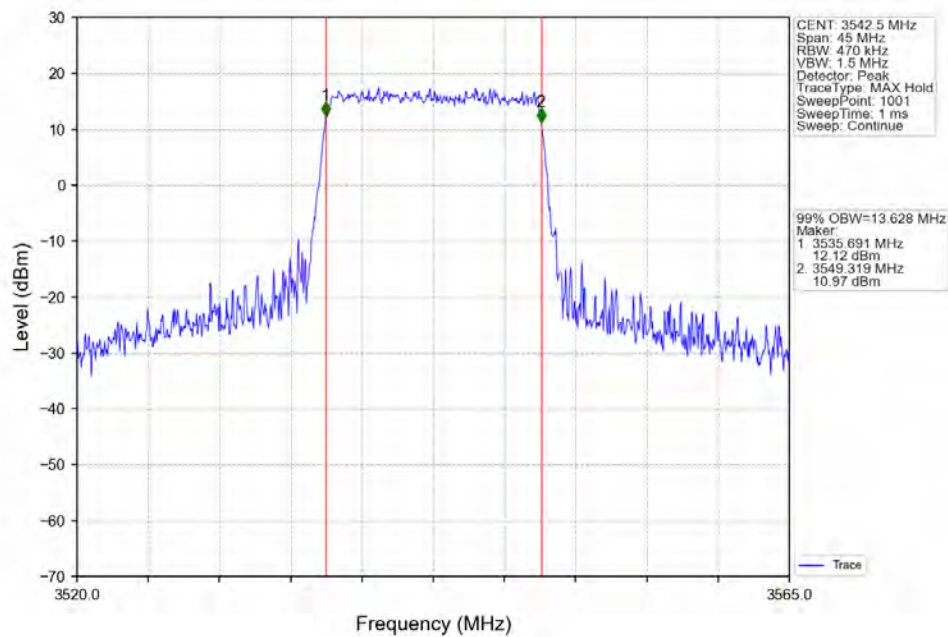
Band42a 15MHz 64QAM LCH 3457.5MHz RB 75 0 NTN



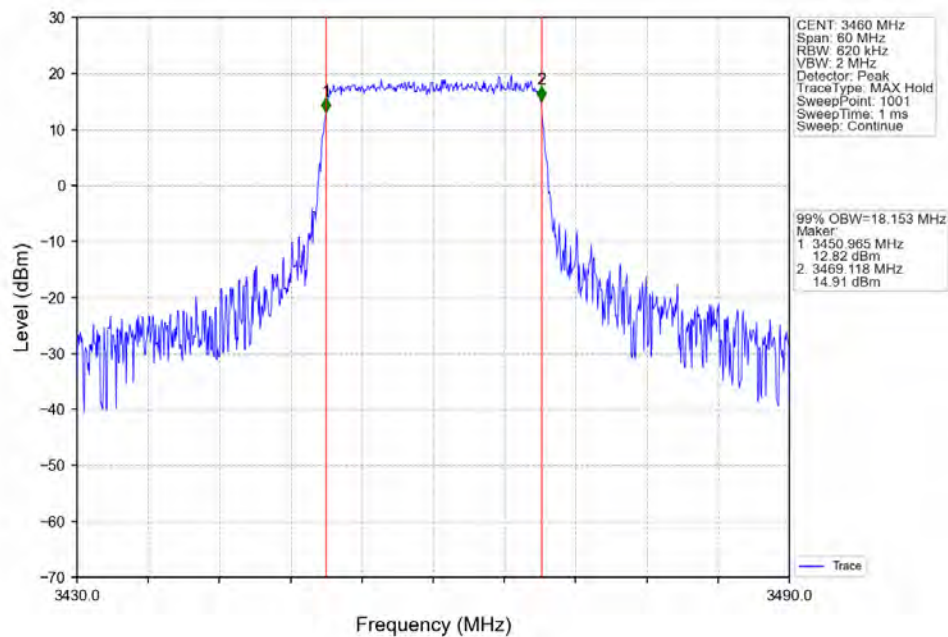
Band42a 15MHz 64QAM MCH 3500MHz RB 75 0 NTN



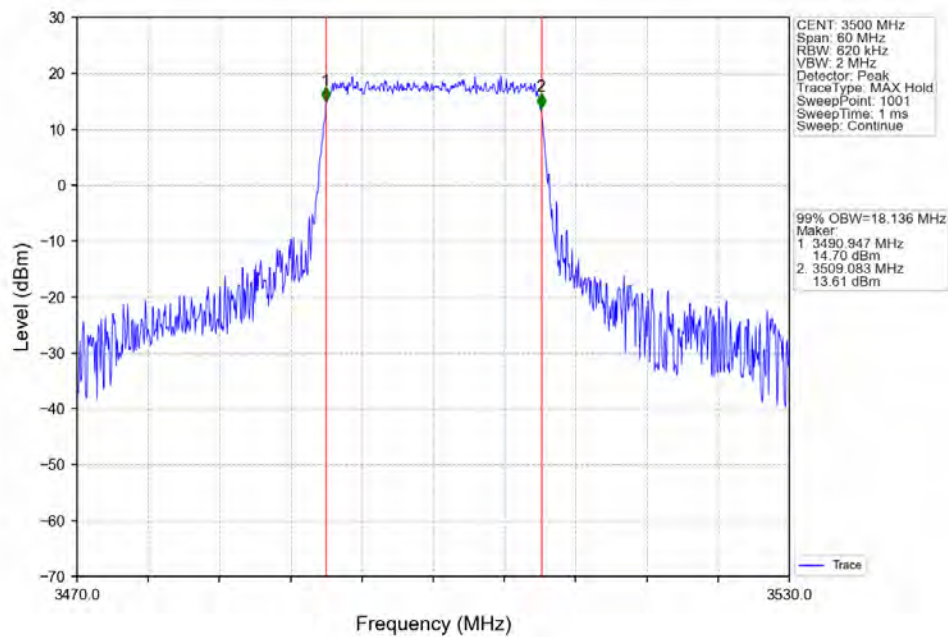
Band42a_15MHz_64QAM_HCH_3542.5MHz_RB_75_0_NTNV



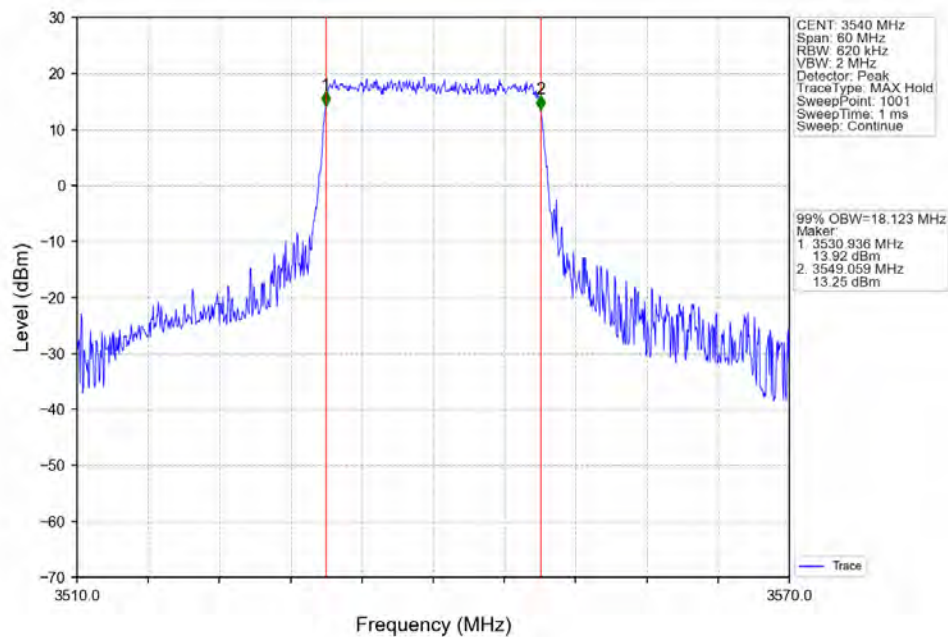
Band42a_20MHz_QPSK_LCH_3460MHz_RB_100_0_NTNV



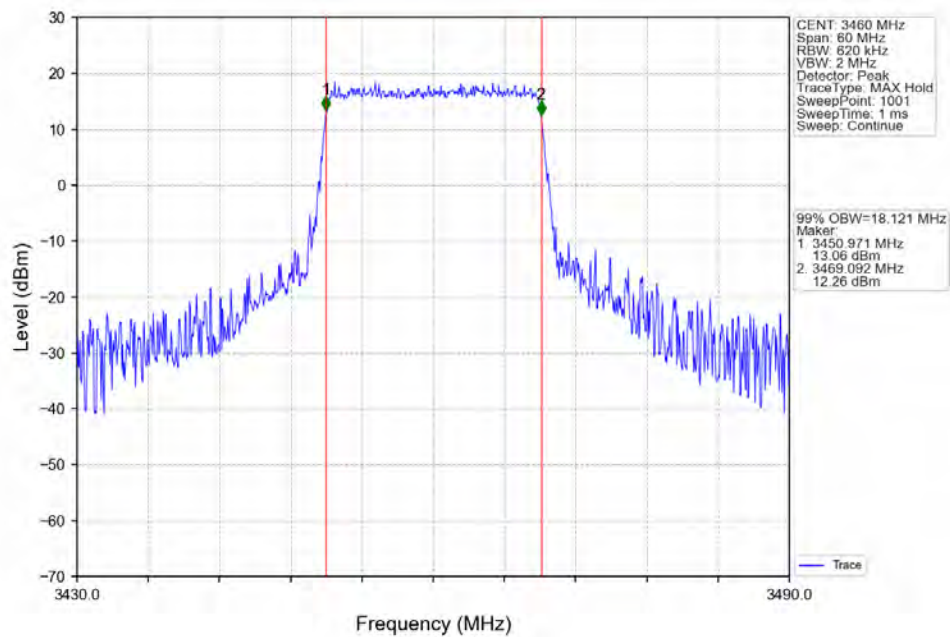
Band42a_20MHz_QPSK_MCH_3500MHz_RB_100_0_NTNV



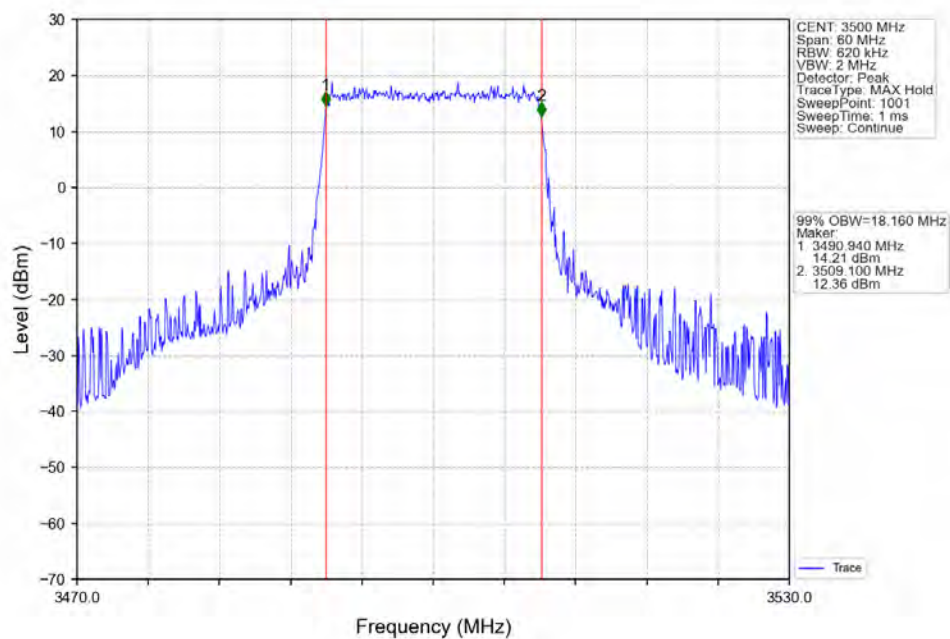
Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



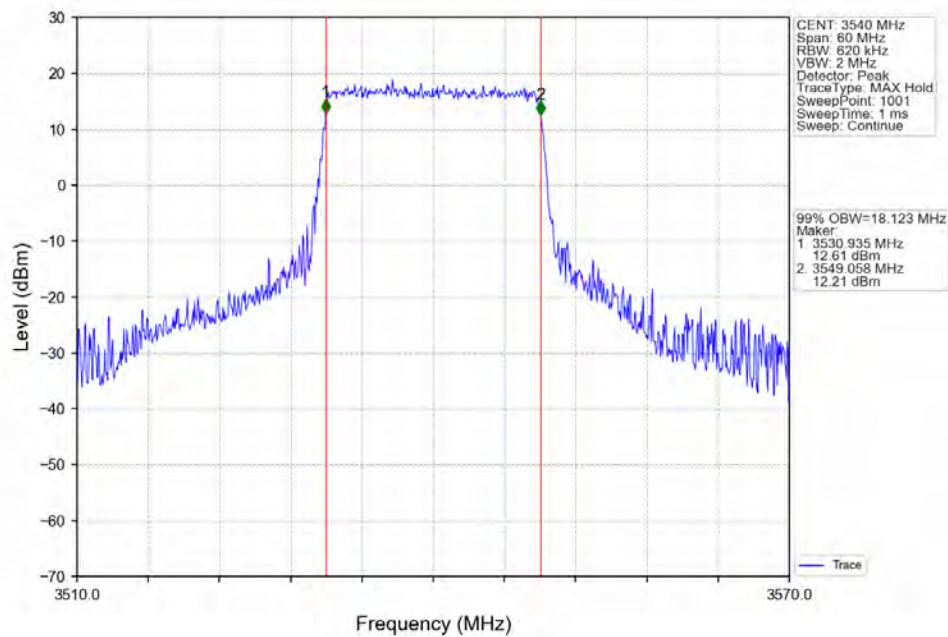
Band42a_20MHz_16QAM_LCH_3460MHz_RB_100_0_NTNV



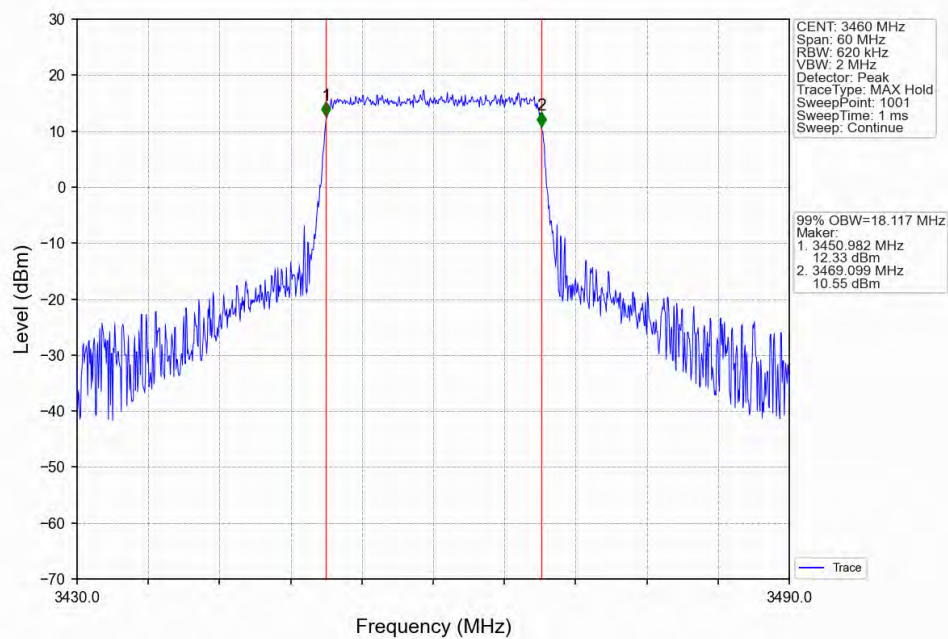
Band42a_20MHz_16QAM_MCH_3500MHz_RB_100_0_NTNV



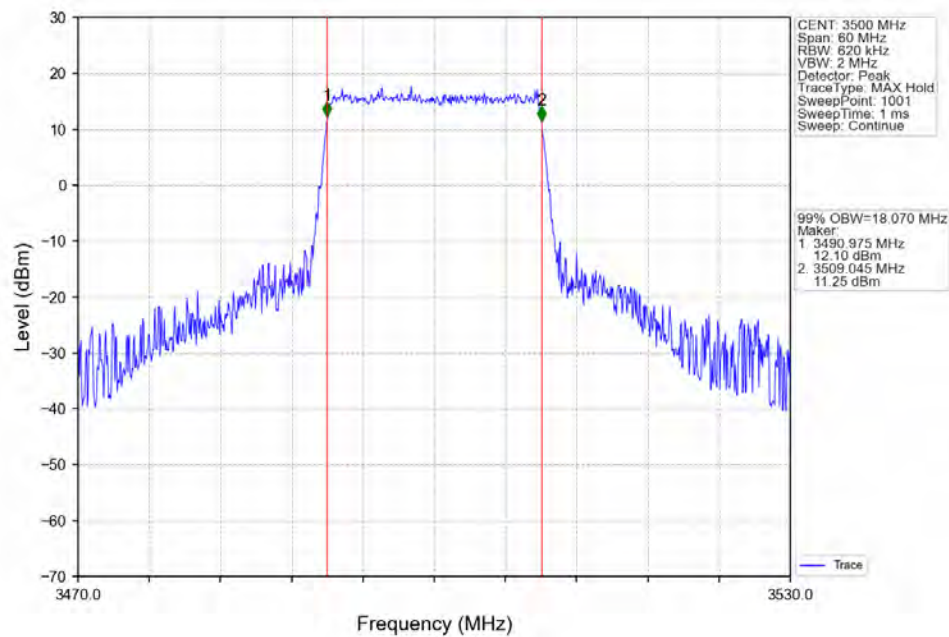
Band42a 20MHz 16QAM HCH 3540MHz RB 100 0 NTNV



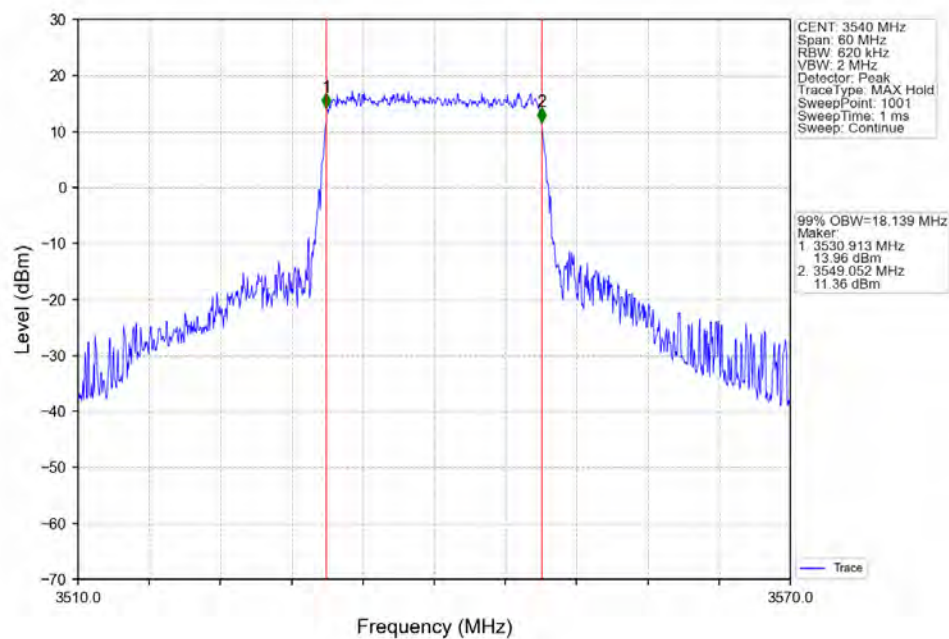
Band42a 20MHz 64QAM LCH 3460MHz RB 100 0 NTNV



Band42a 20MHz 64QAM MCH 3500MHz RB 100 0 NTN

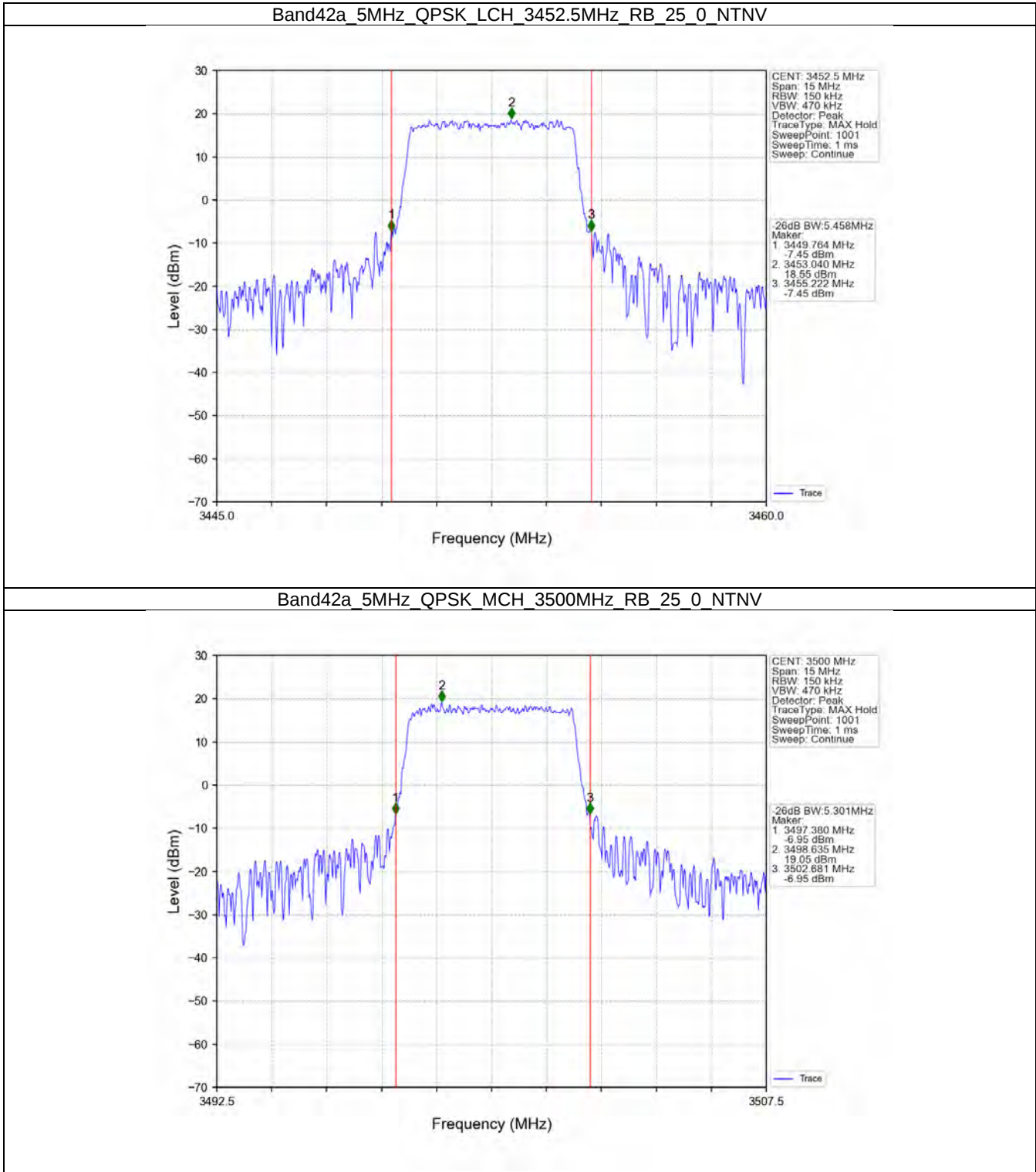


Band42a 20MHz 64QAM HCH 3540MHz RB 100 0 NTN

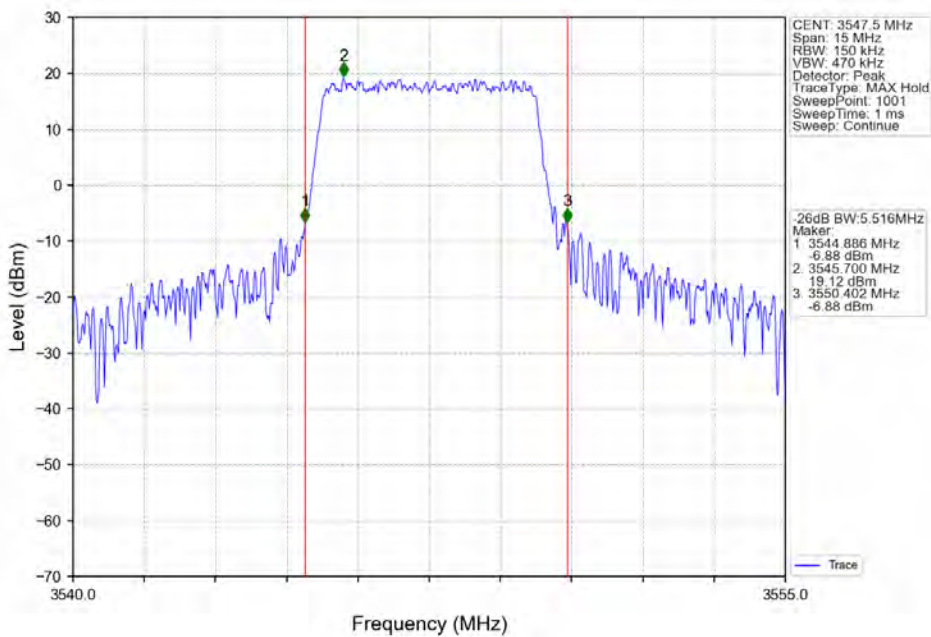


3.2 Band42a_XDB

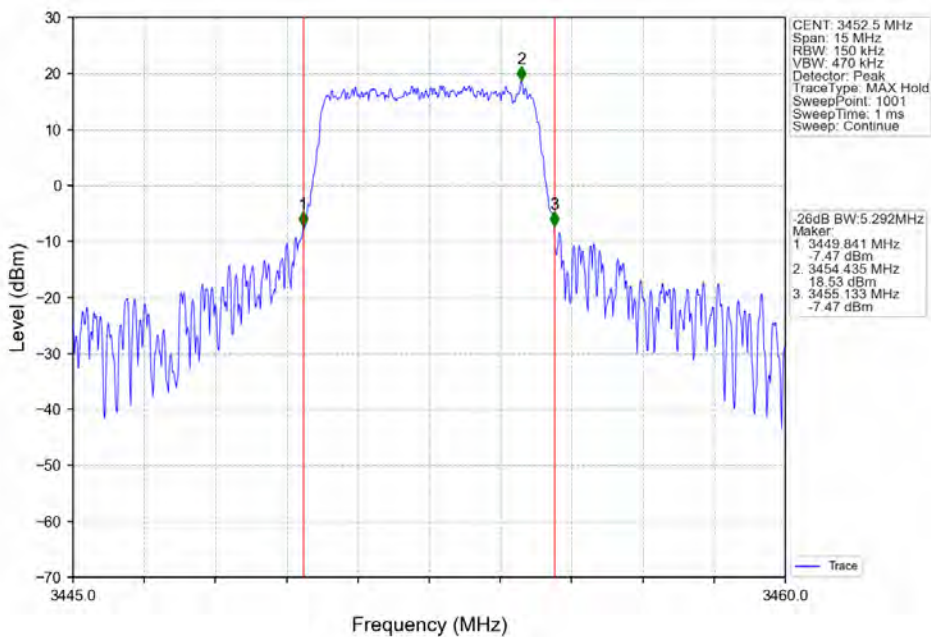
3.2.2 Test Graph



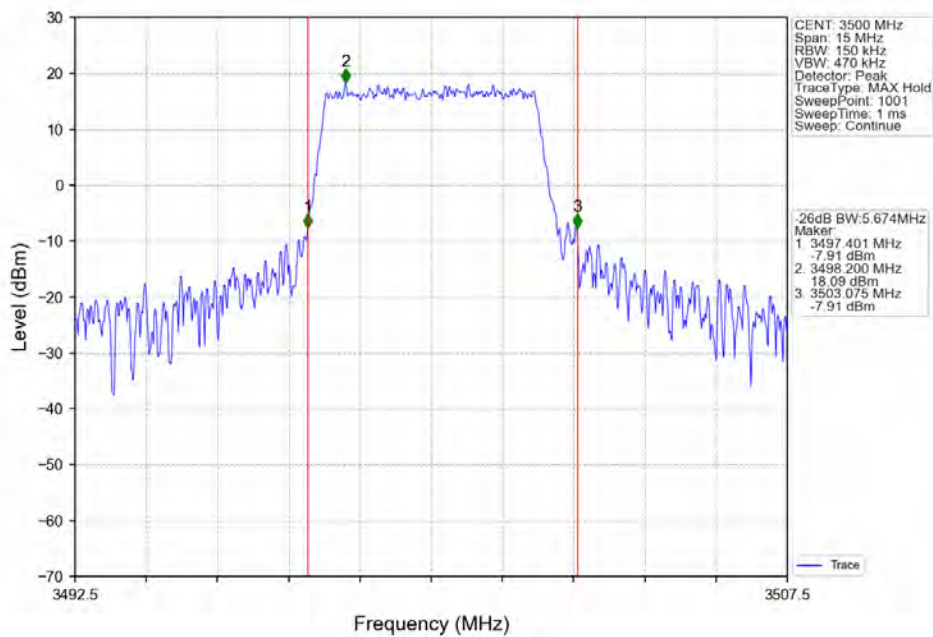
Band42a 5MHz QPSK HCH 3547.5MHz RB 25 0 NTN



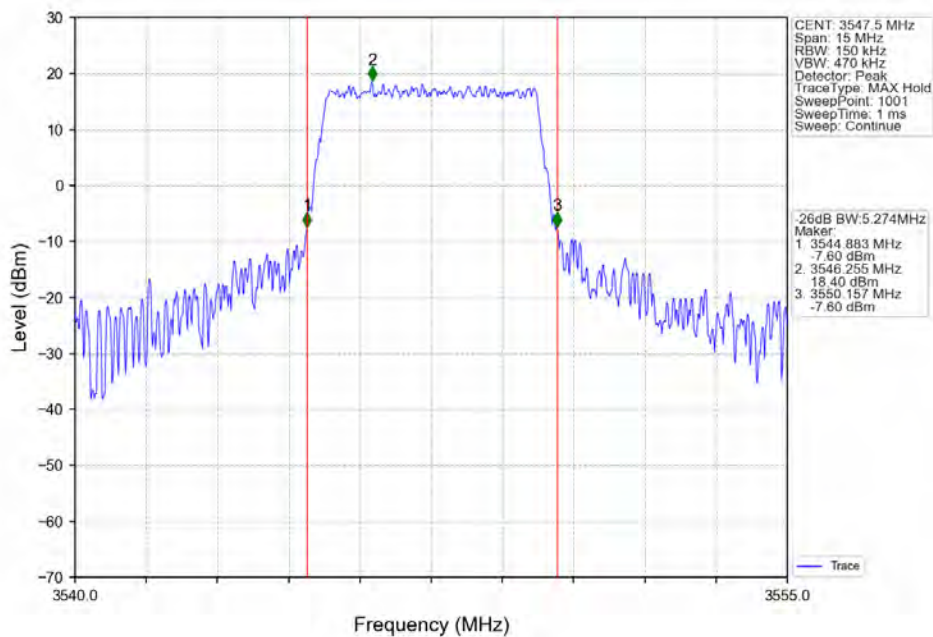
Band42a 5MHz 16QAM LCH 3452.5MHz RB 25 0 NTN



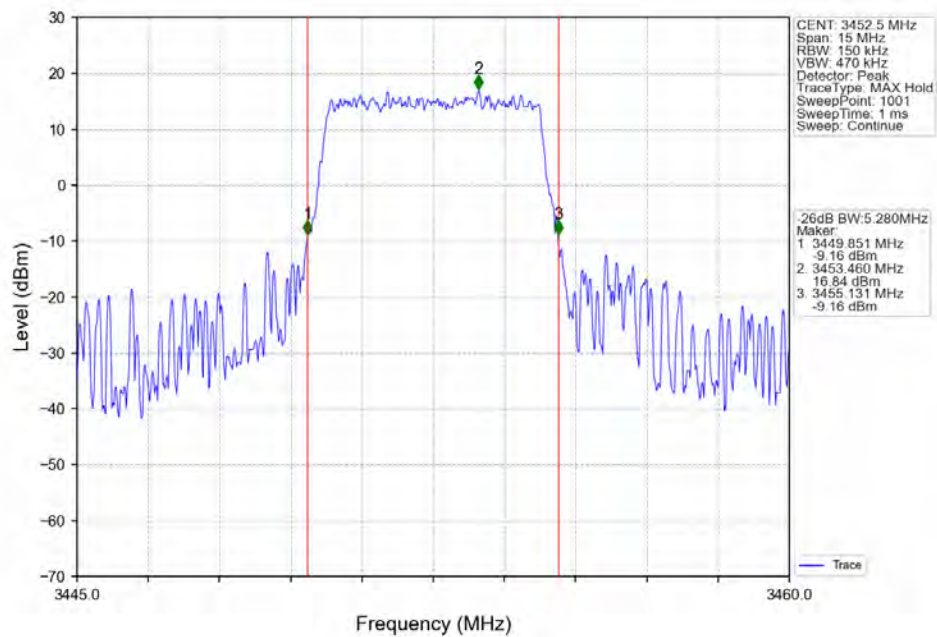
Band42a 5MHz 16QAM MCH 3500MHz RB 25 0 NTN



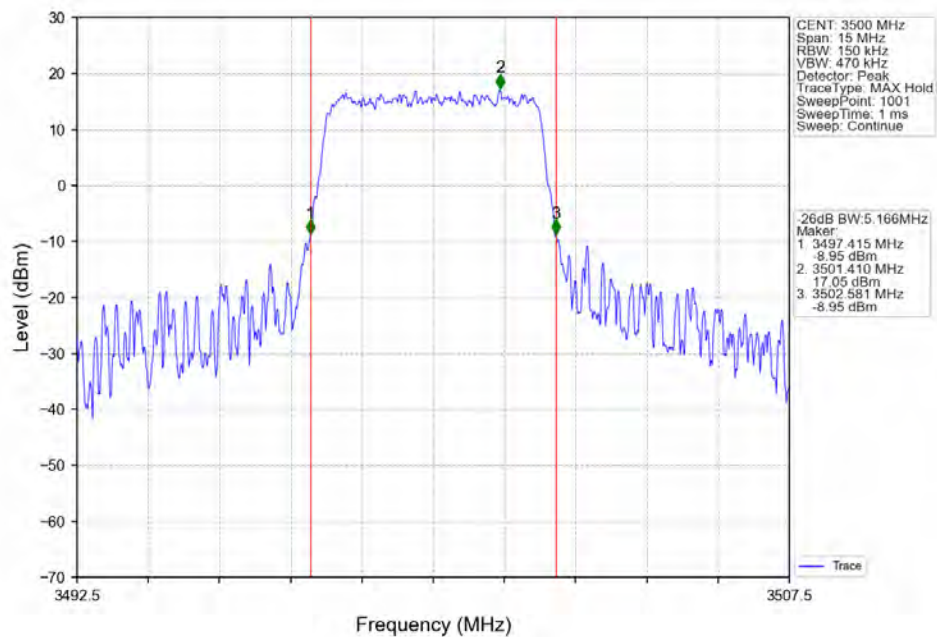
Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_25_0 NTN



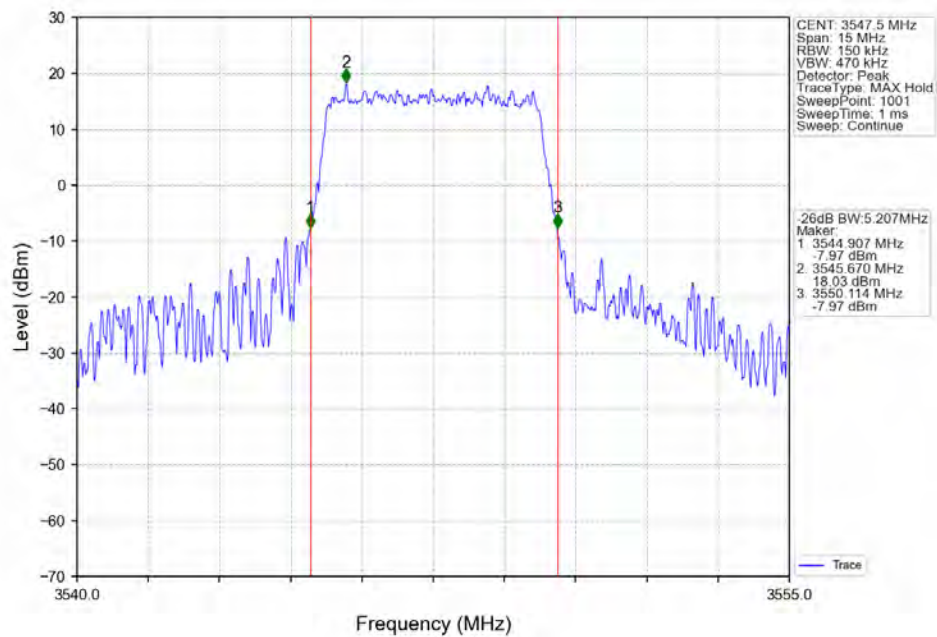
Band42a_5MHz_64QAM_LCH_3452.5MHz_RB_25_0_NTNV



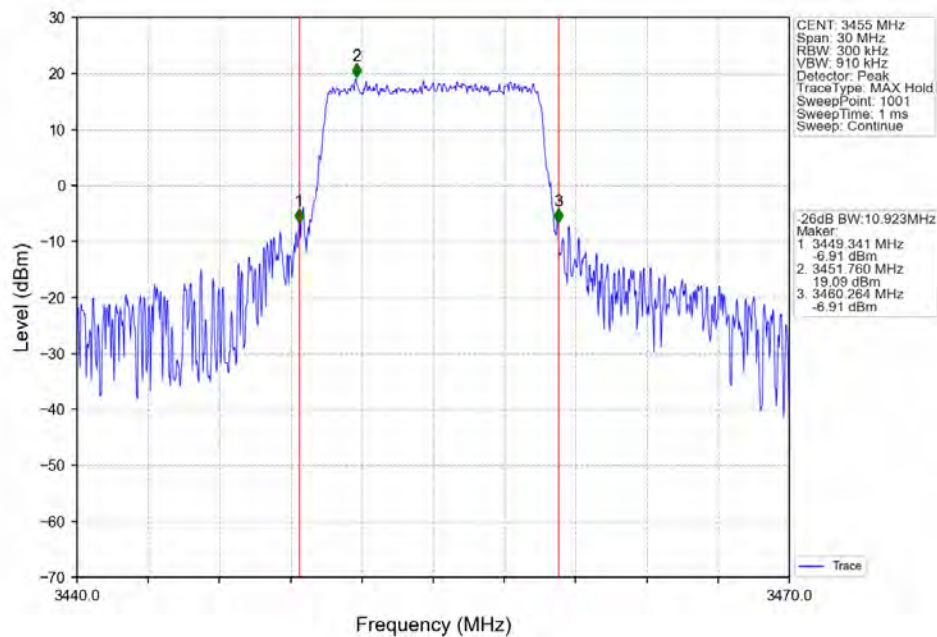
Band42a_5MHz_64QAM_MCH_3500MHz_RB_25_0_NTNV

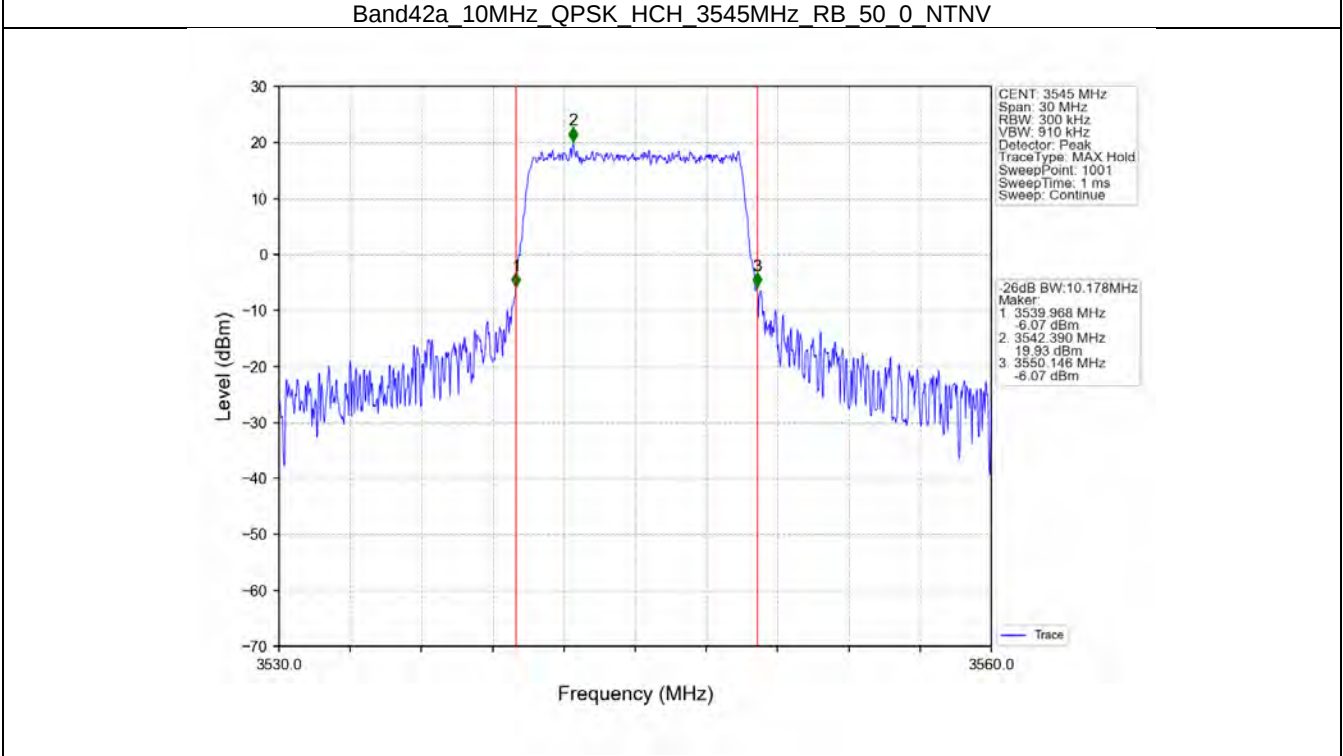
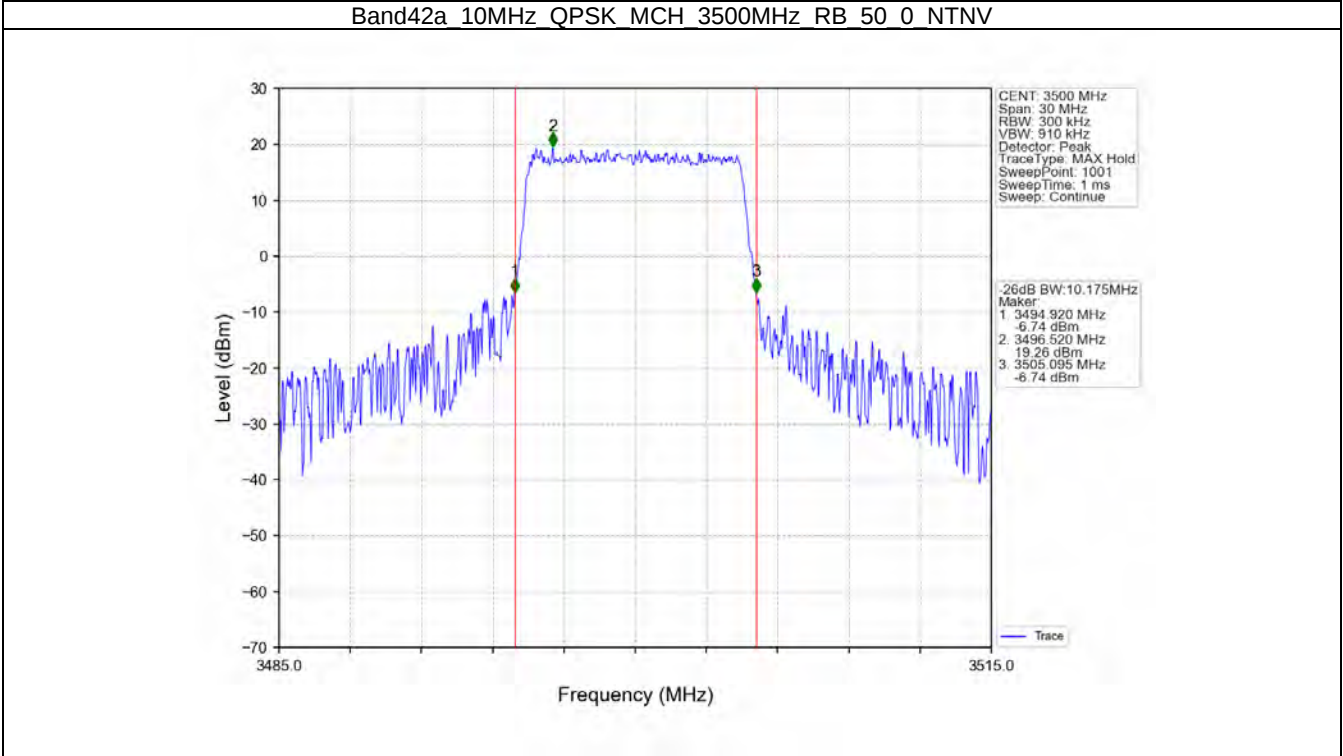


Band42a 5MHz 64QAM HCH 3547.5MHz RB 25 0 NTNV

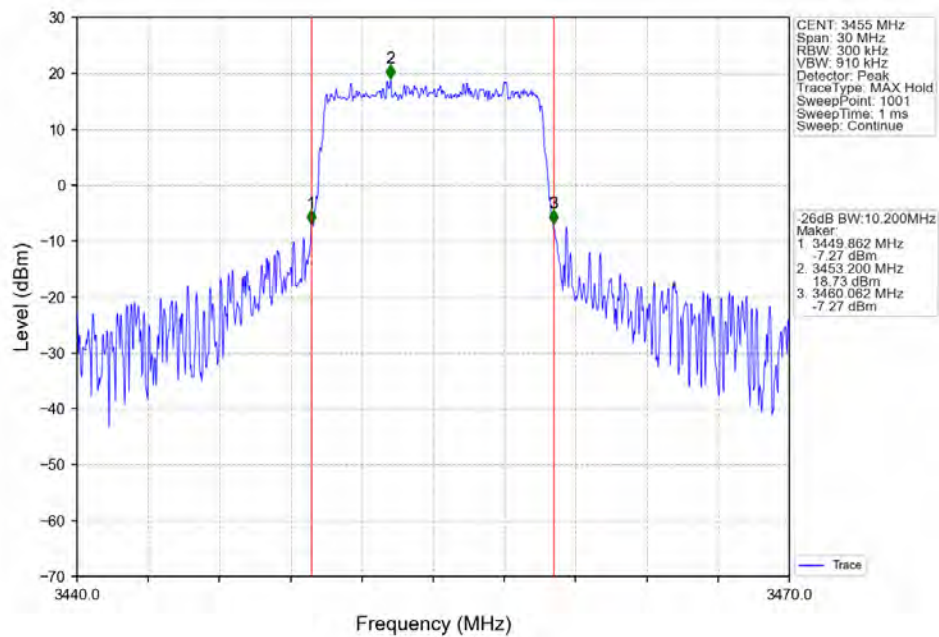


Band42a 10MHz QPSK LCH 3455MHz RB 50 0 NTNV

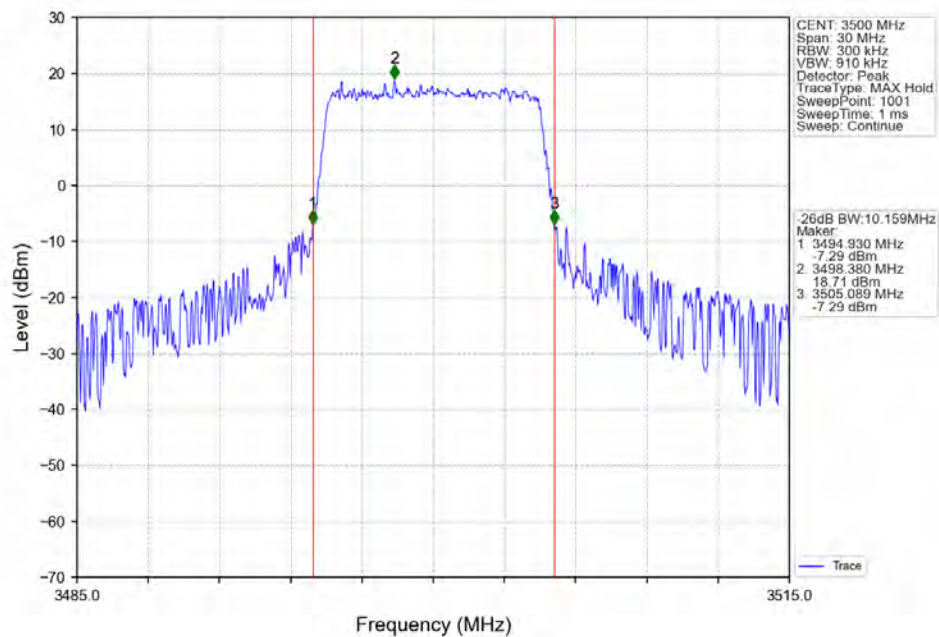




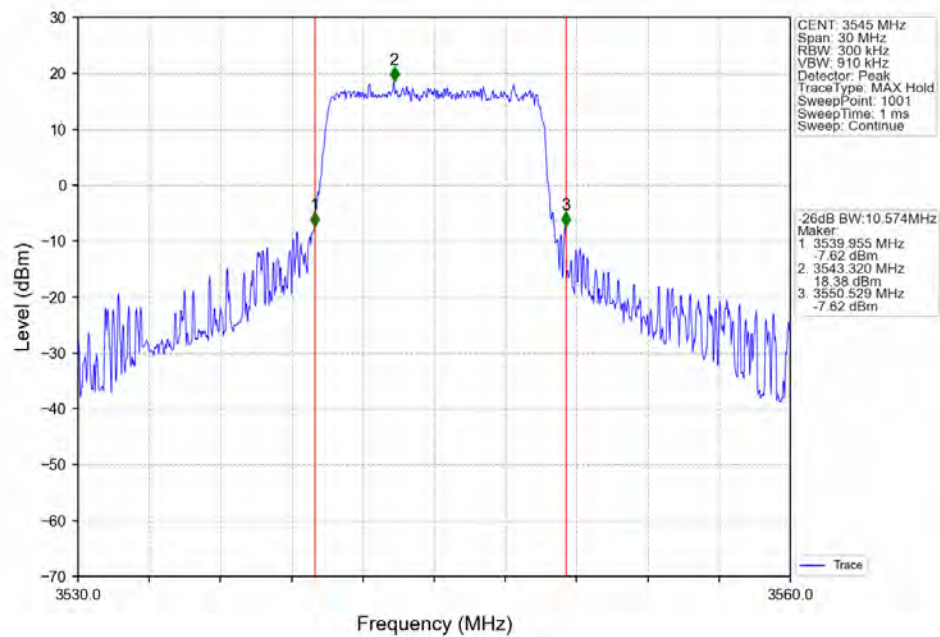
Band42a_10MHz_16QAM_LCH_3455MHz_RB_50_0_NTNV



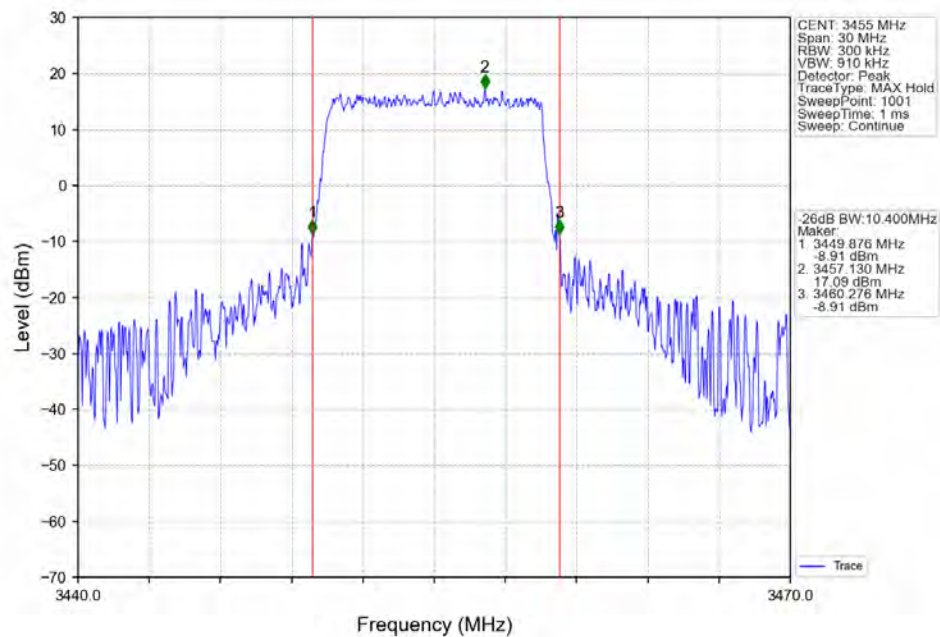
Band42a_10MHz_16QAM_MCH_3500MHz_RB_50_0_NTNV



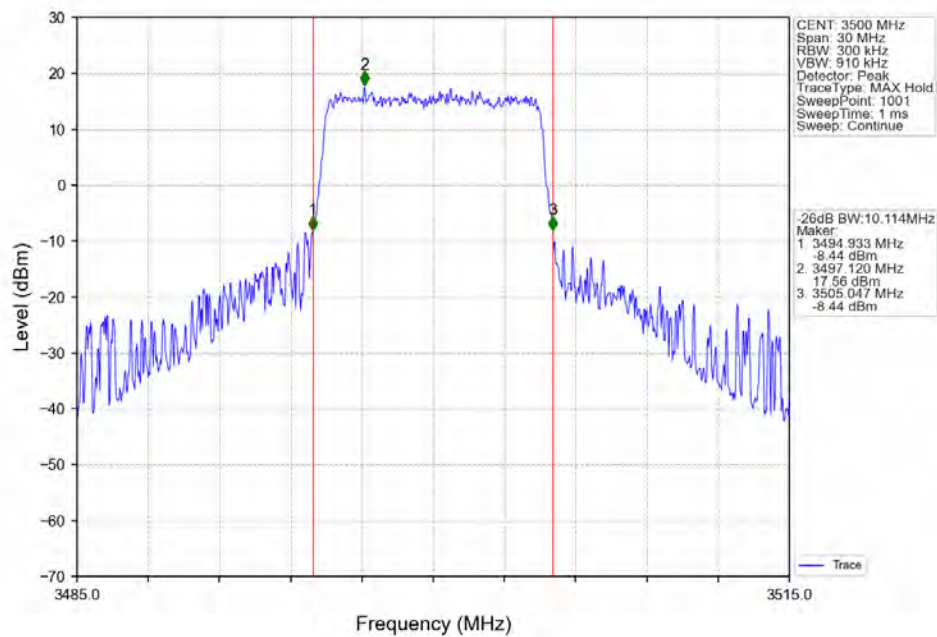
Band42a_10MHz_16QAM_HCH_3545MHz_RB_50_0_NTNV



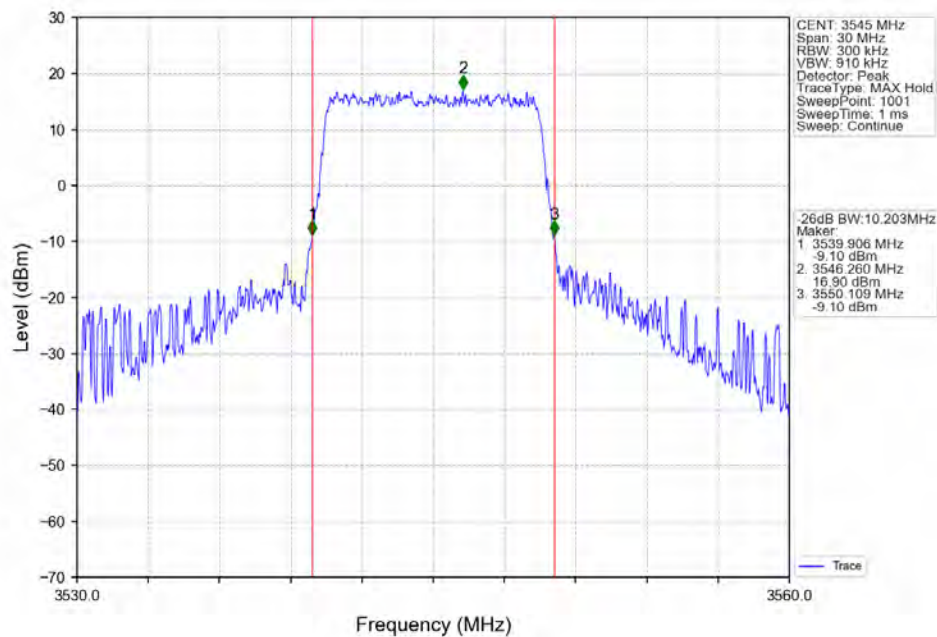
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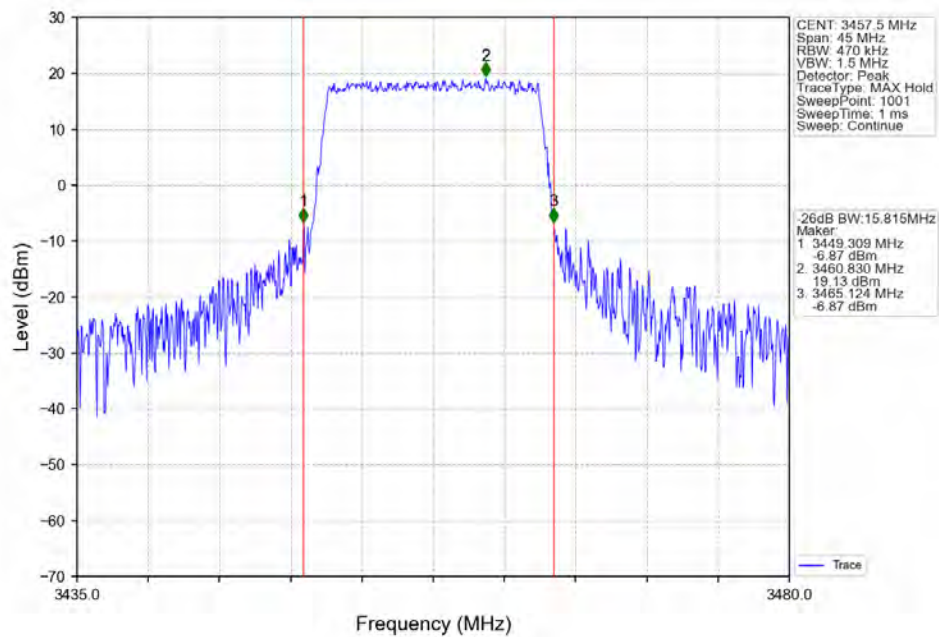
Band42a_10MHz_64QAM_MCH_3500MHz_RB_50_0_NTNV



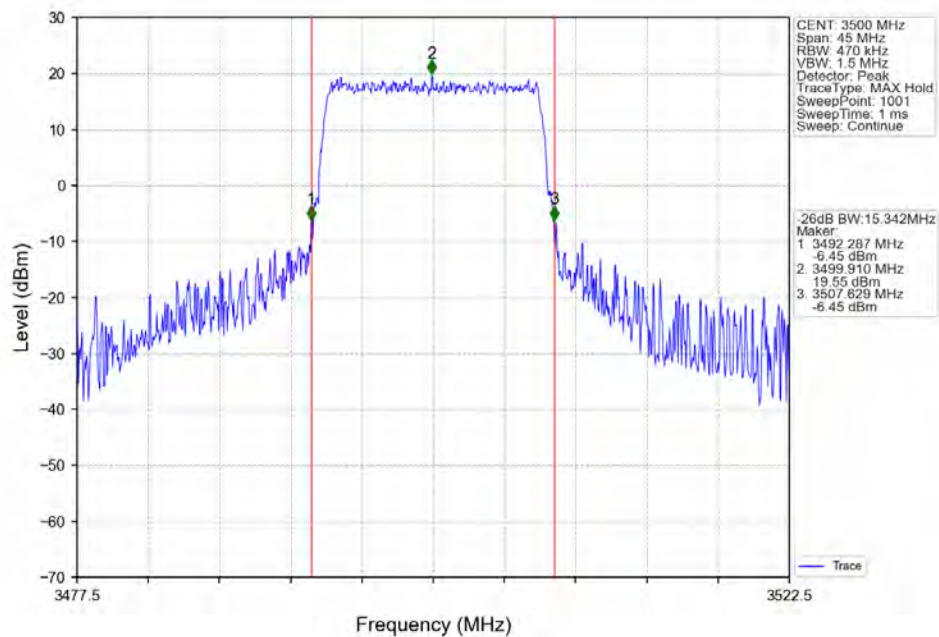
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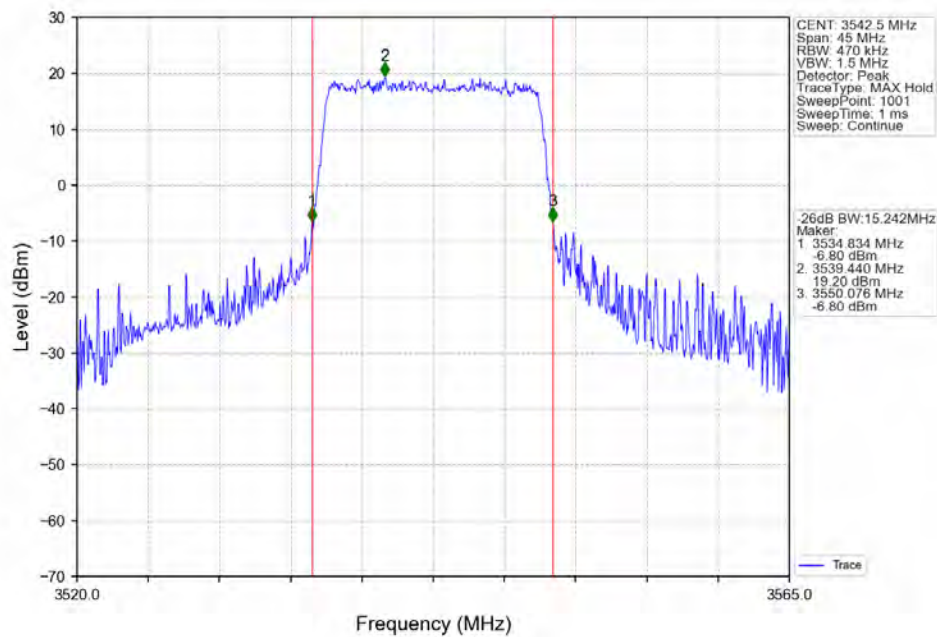
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_75_0_NTNV



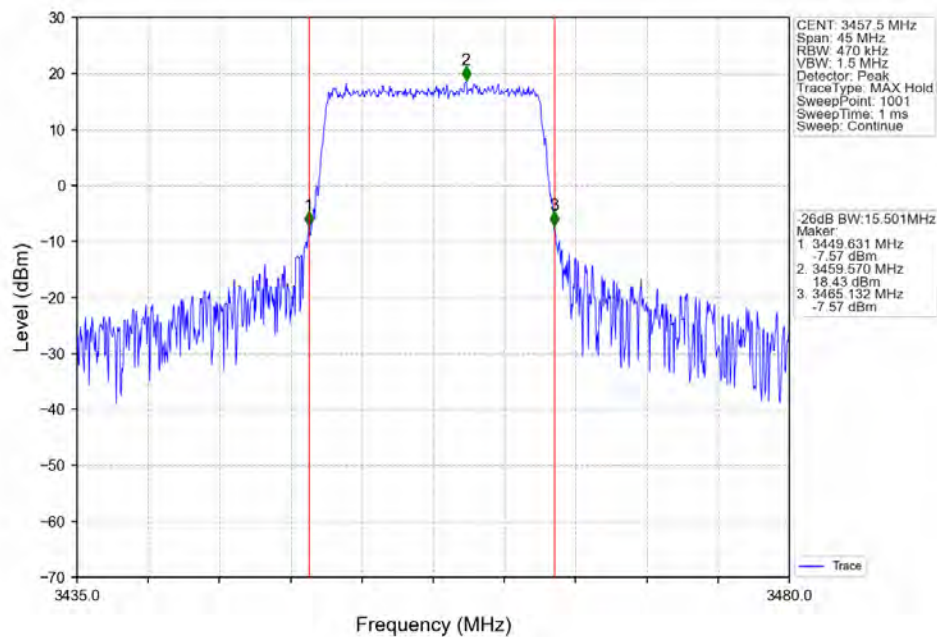
Band42a_15MHz_QPSK_MCH_3500MHz_RB_75_0_NTNV



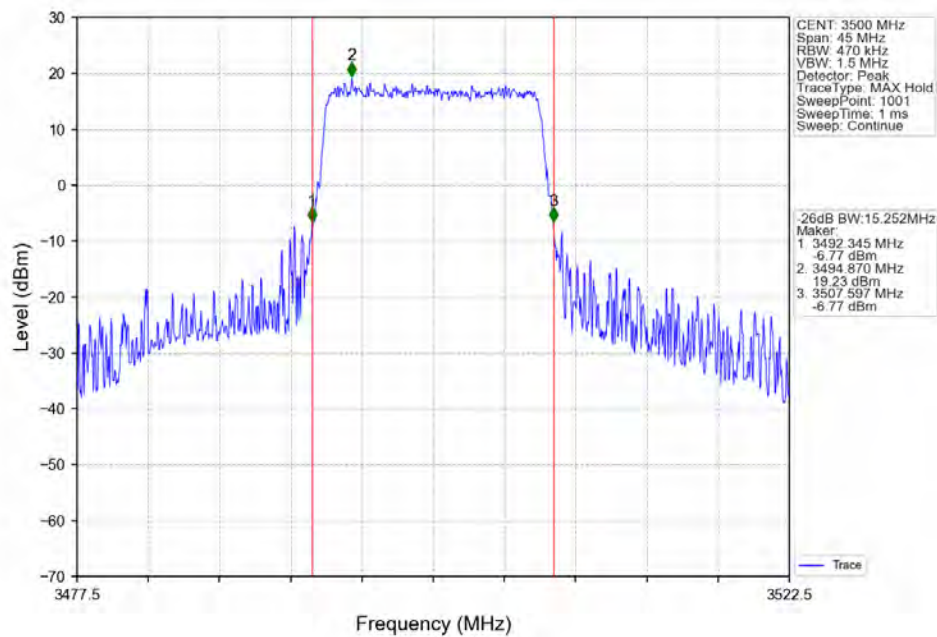
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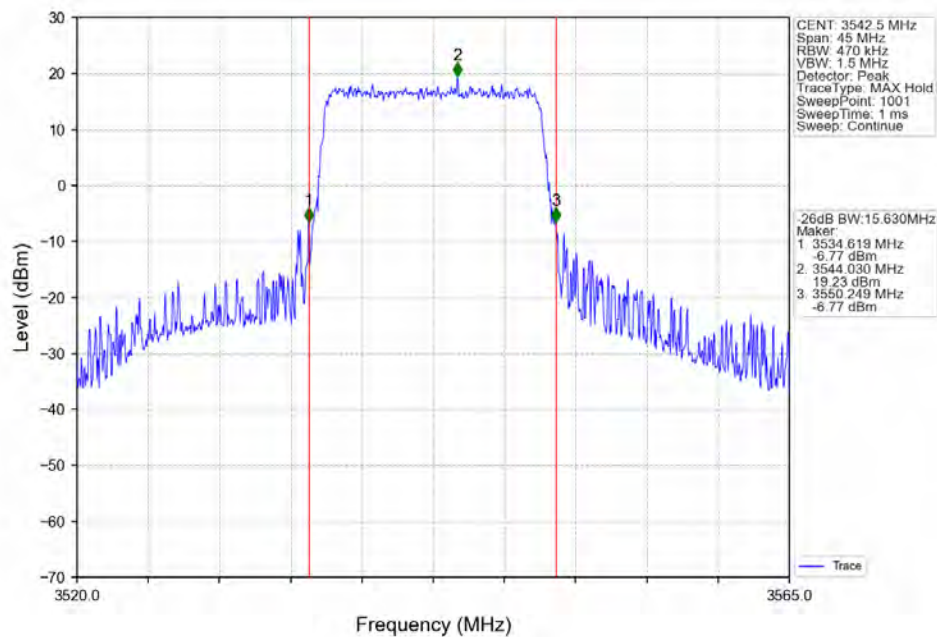
Band42a_15MHz_16QAM_LCH_3457.5MHz_RB_75_0_NTNV



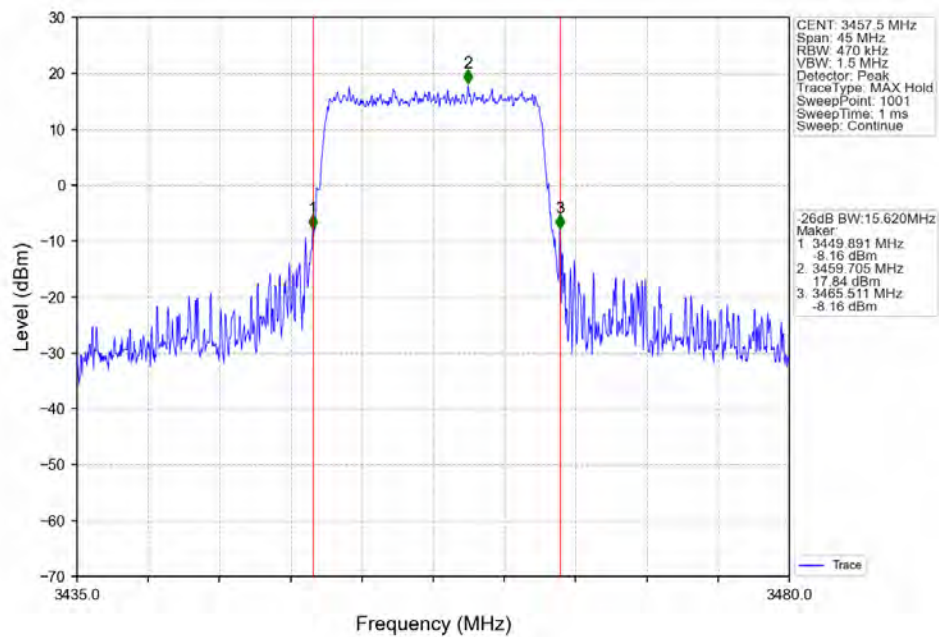
Band42a_15MHz_16QAM_MCH_3500MHz_RB_75_0_NTNV



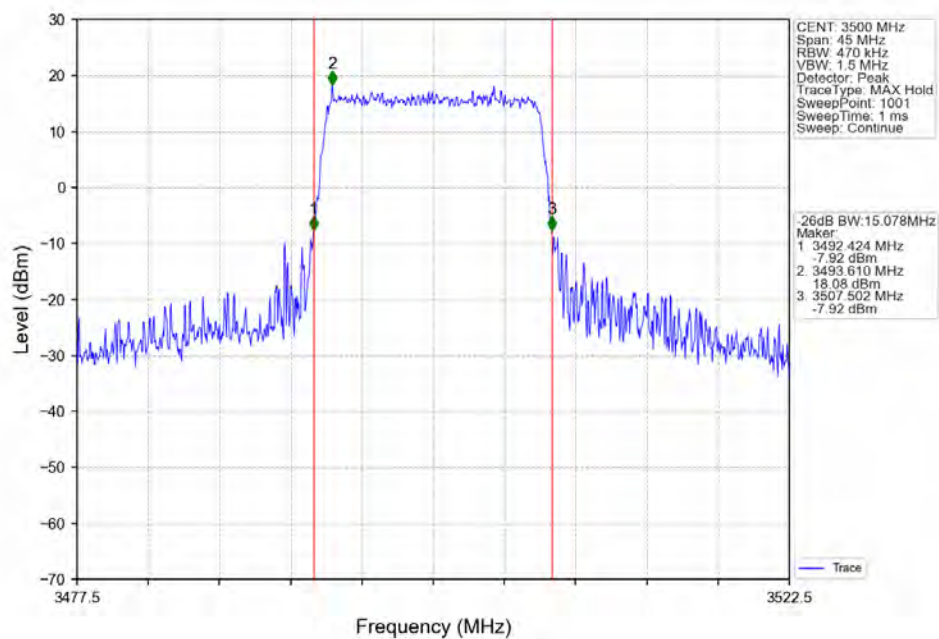
Band42a_15MHz_16QAM_HCH_3542.5MHz_RB_75_0_NTNV



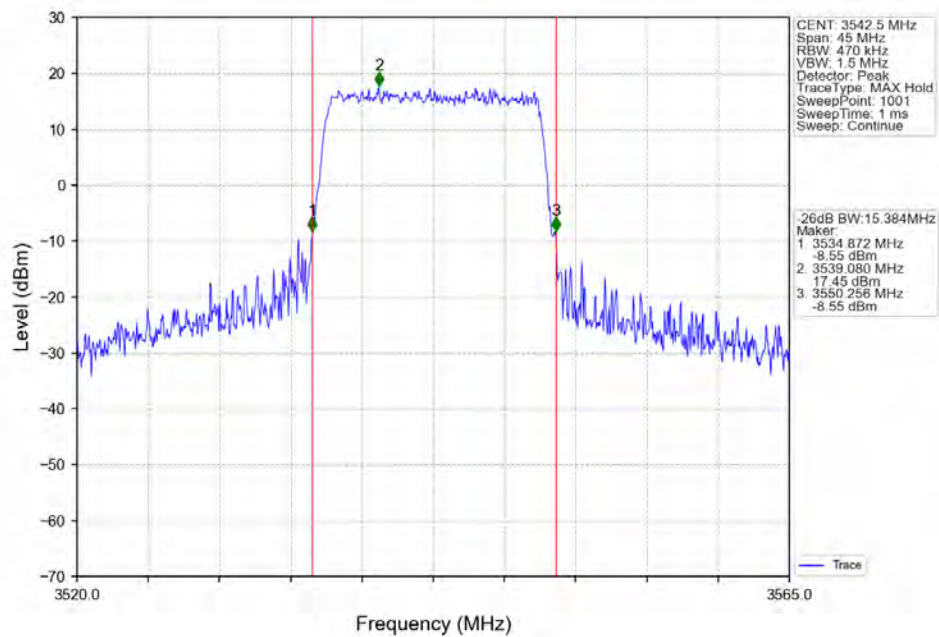
Band42a_15MHz_64QAM_LCH_3457.5MHz_RB_75_0_NTNV



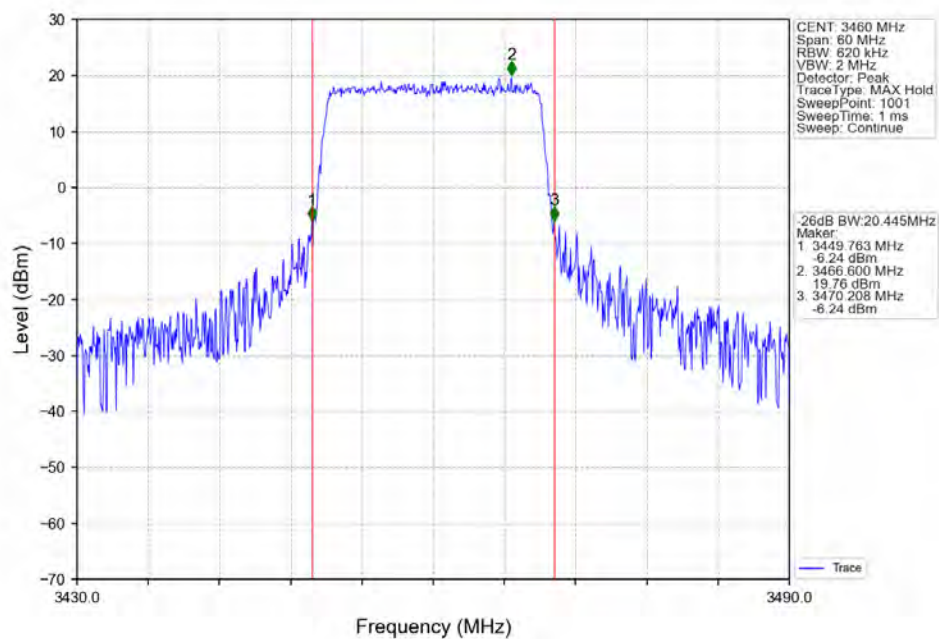
Band42a_15MHz_64QAM_MCH_3500MHz_RB_75_0_NTNV



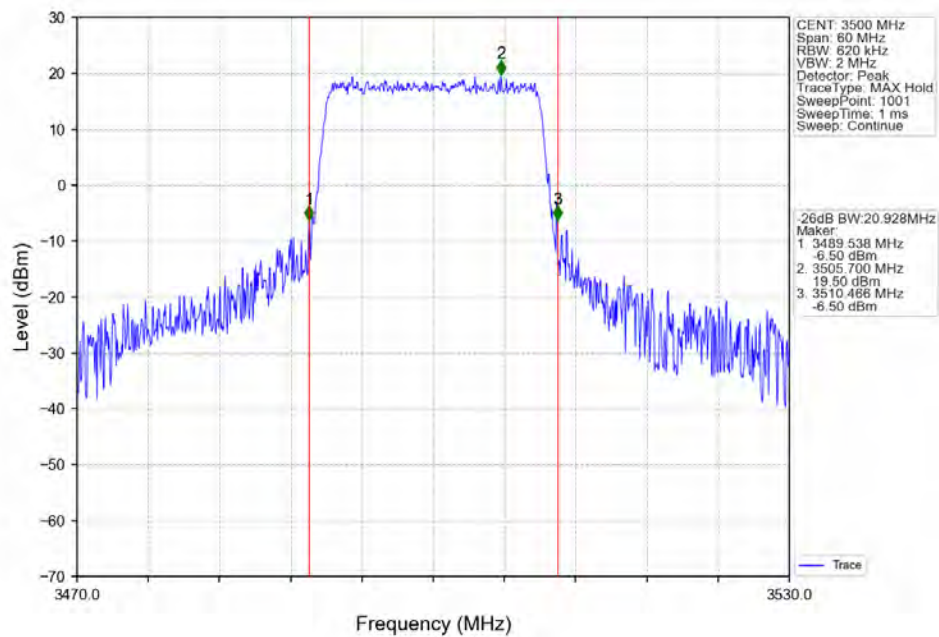
Band42a_15MHz_64QAM_HCH_3542.5MHz_RB_75_0_NTNV



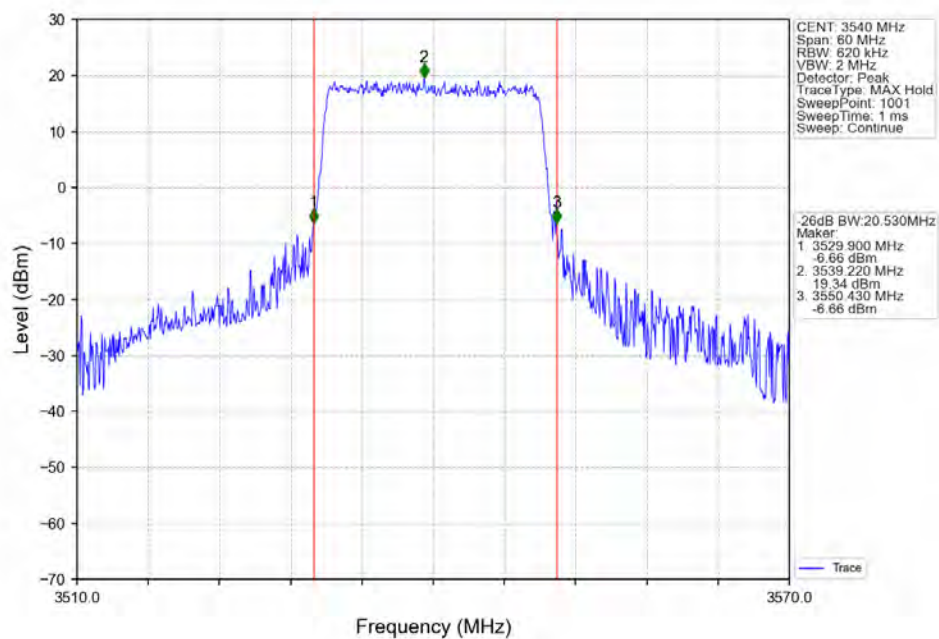
Band42a_20MHz_QPSK_LCH_3460MHz_RB_100_0_NTNV



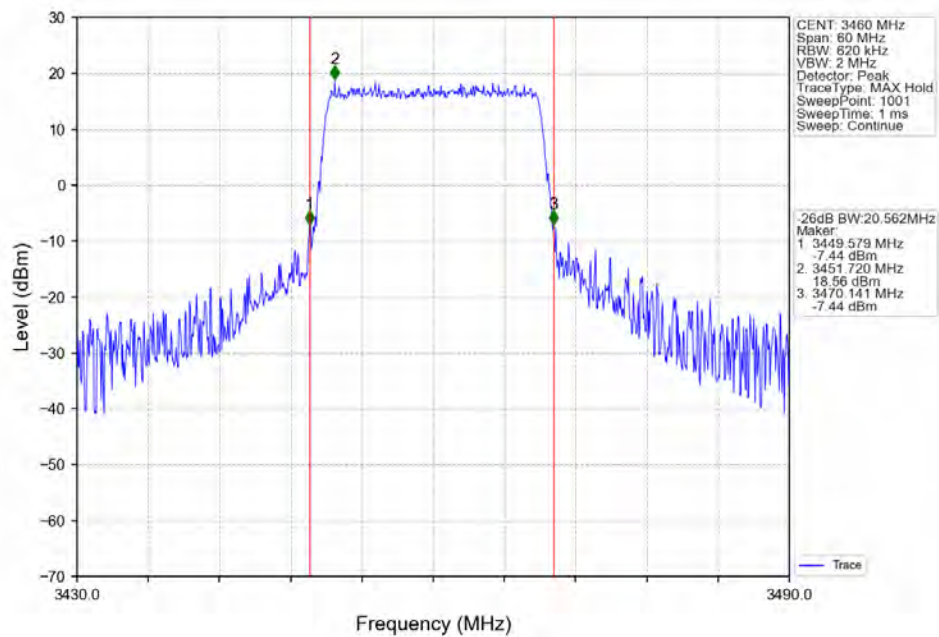
Band42a_20MHz_QPSK_MCH_3500MHz_RB_100_0_NTNV



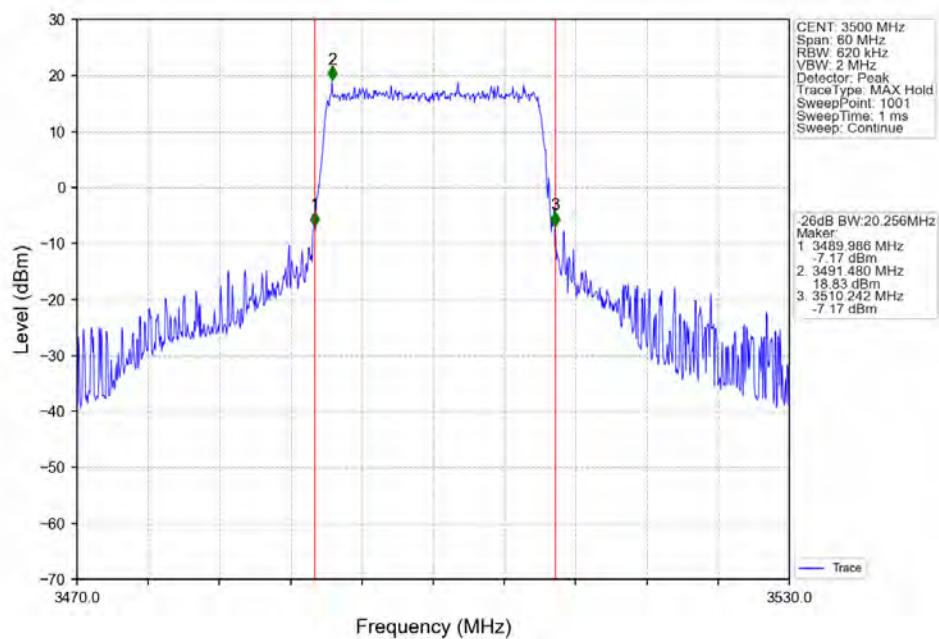
Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



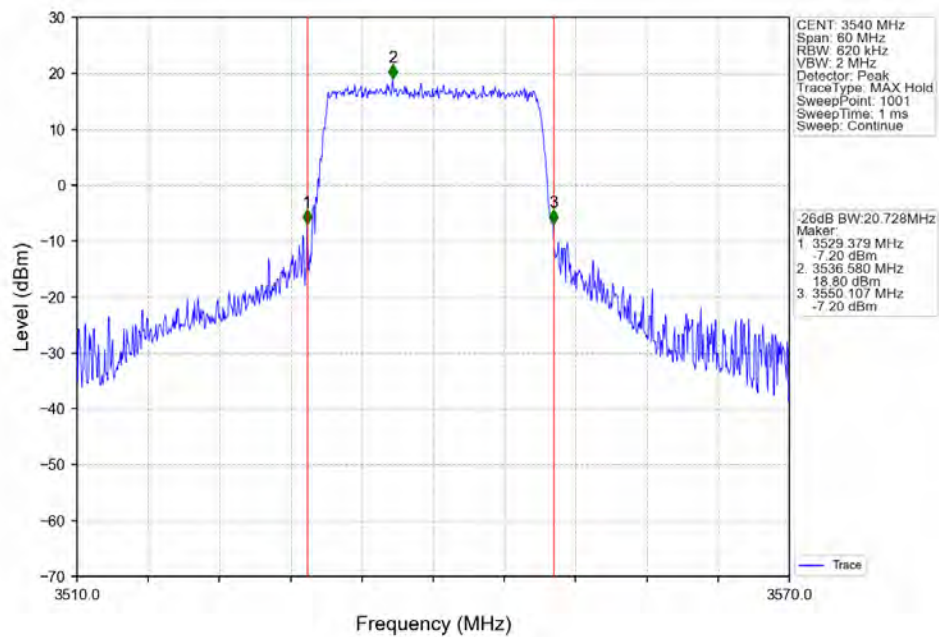
Band42a 20MHz 16QAM LCH 3460MHz RB 100 0 NTN



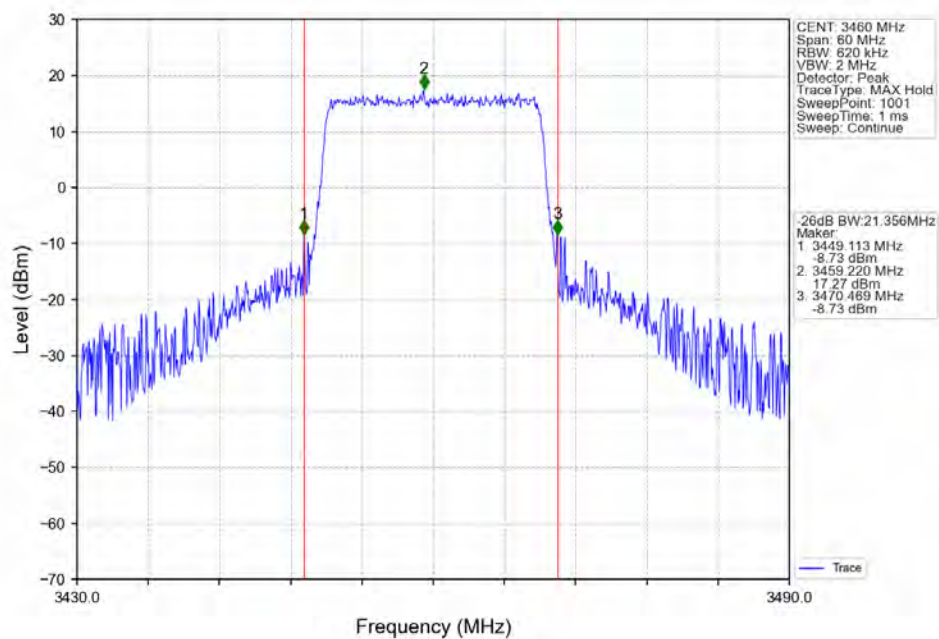
Band42a 20MHz 16QAM MCH 3500MHz RB 100 0 NTN



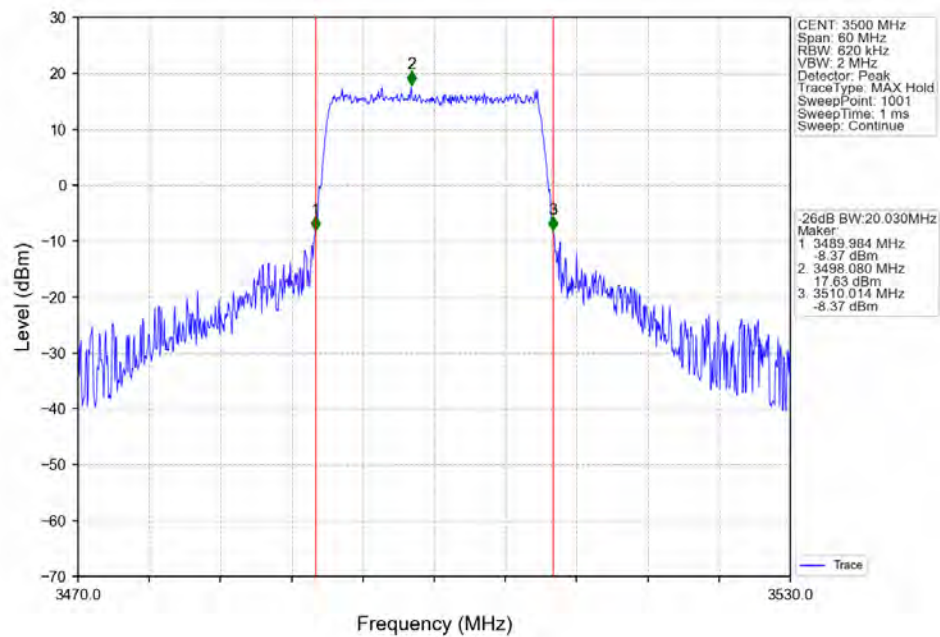
Band42a 20MHz 16QAM HCH 3540MHz RB 100 0 NTNV



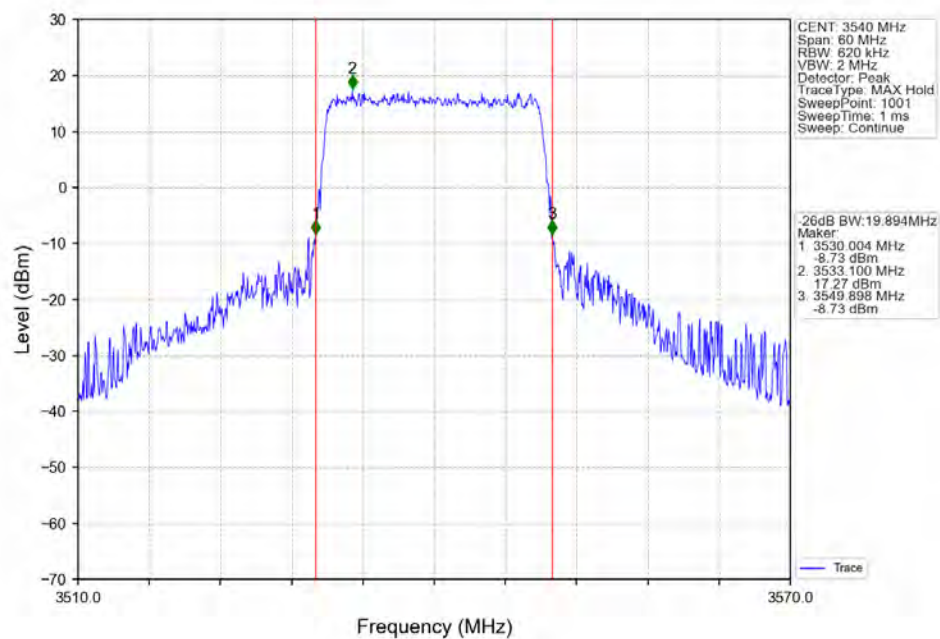
Band42a 20MHz 64QAM LCH 3460MHz RB 100 0 NTNV



Band42a 20MHz 64QAM MCH 3500MHz RB 100 0 NTN



Band42a 20MHz 64QAM HCH 3540MHz RB 100 0 NTN



4. Peak-Average Ratio

4.1 B42a_5MHz

4.1.1 Test Result

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	25	0	7.11	<=13	Pass
	3500	25	0	6.96	<=13	Pass
	3547.5	25	0	6.89	<=13	Pass
16QAM	3452.5	25	0	8.12	<=13	Pass
	3500	25	0	8.12	<=13	Pass
	3547.5	25	0	7.82	<=13	Pass
64QAM	3452.5	25	0	11.92	<=13	Pass
	3500	25	0	12.81	<=13	Pass
	3547.5	25	0	8.66	<=13	Pass

4.2 B42a_10MHz

4.2.1 Test Result

Band: 42a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	50	0	6.98	<=13	Pass
	3500	50	0	6.99	<=13	Pass
	3545	50	0	6.95	<=13	Pass
16QAM	3455	50	0	7.97	<=13	Pass
	3500	50	0	8.09	<=13	Pass
	3545	50	0	8.14	<=13	Pass
64QAM	3455	50	0	12.45	<=13	Pass
	3500	50	0	12.57	<=13	Pass
	3545	50	0	12.97	<=13	Pass

4.3 B42a_15MHz

4.3.1 Test Result

Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	75	0	7.00	<=13	Pass
	3500	75	0	7.06	<=13	Pass
	3542.5	75	0	7.00	<=13	Pass
16QAM	3457.5	75	0	8.02	<=13	Pass
	3500	75	0	8.26	<=13	Pass
	3542.5	75	0	8.31	<=13	Pass
64QAM	3457.5	75	0	11.32	<=13	Pass
	3500	75	0	8.76	<=13	Pass
	3542.5	75	0	11.54	<=13	Pass

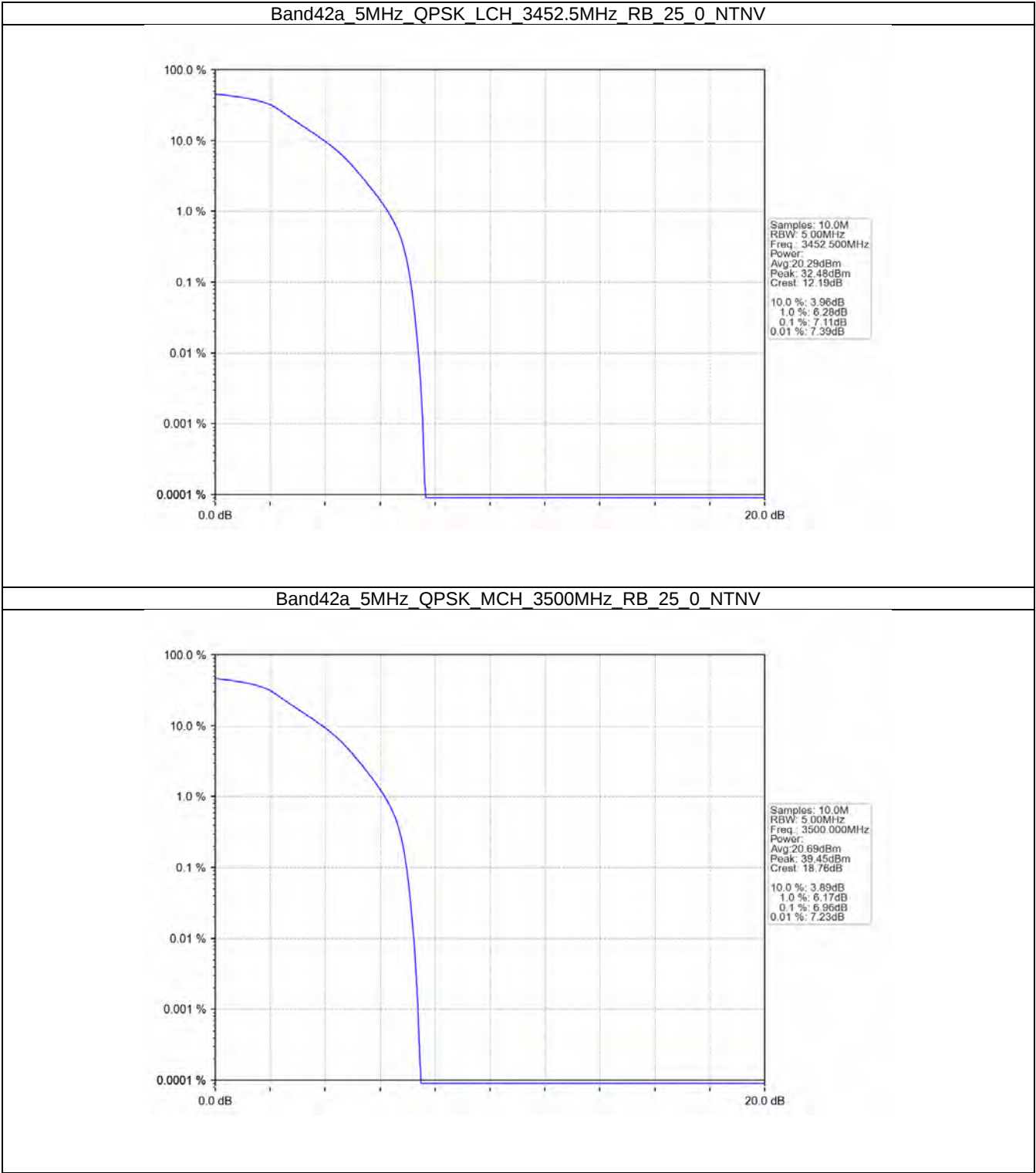
4.4 B42a_20MHz

4.4.1 Test Result

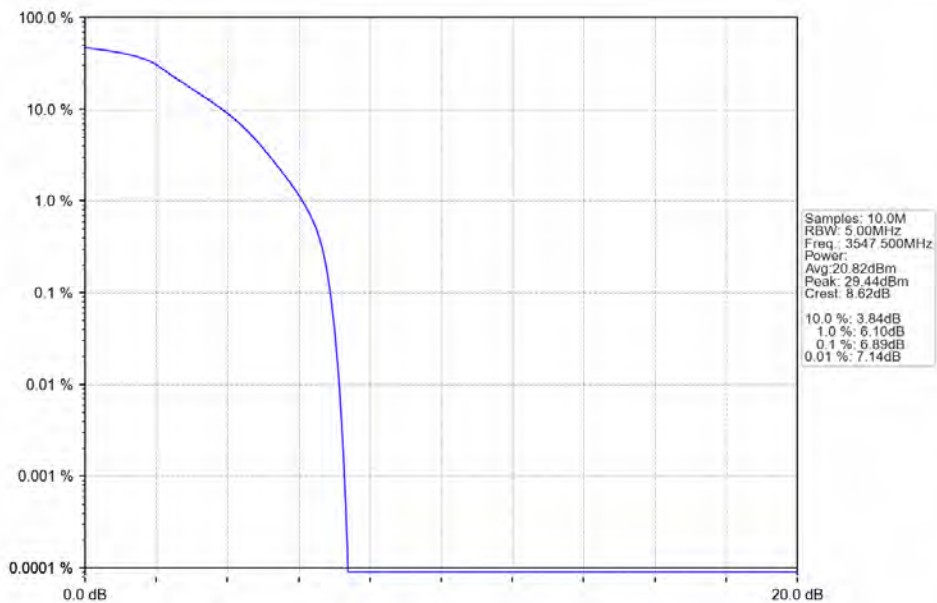
Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3460	100	0	7.10	<=13	Pass
	3500	100	0	7.03	<=13	Pass
	3540	100	0	6.87	<=13	Pass
16QAM	3460	100	0	7.91	<=13	Pass
	3500	100	0	8.10	<=13	Pass
	3540	100	0	7.87	<=13	Pass
64QAM	3460	100	0	10.74	<=13	Pass
	3500	100	0	8.36	<=13	Pass
	3540	100	0	10.83	<=13	Pass

4.1 B42a_5MHz

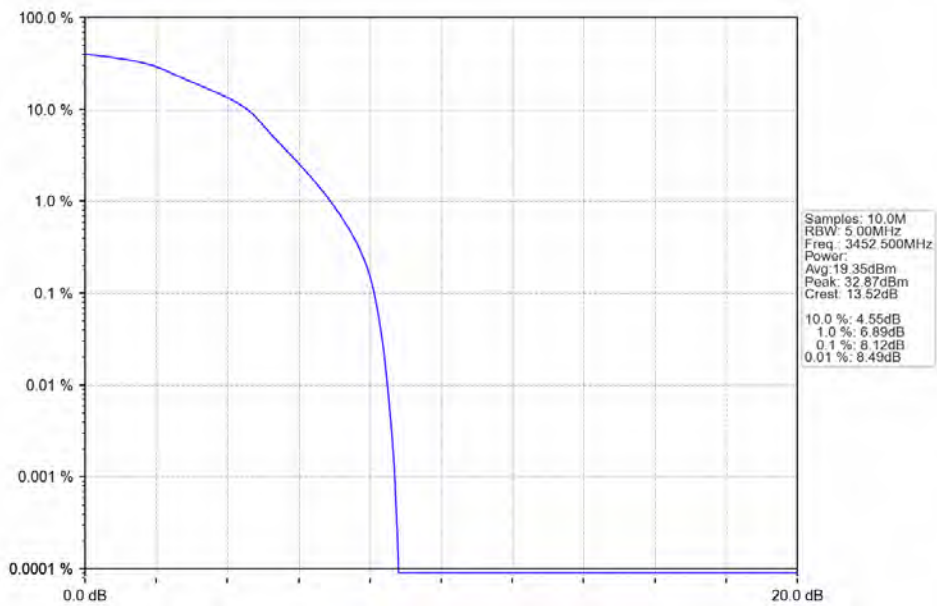
4.1.2 Test Graph



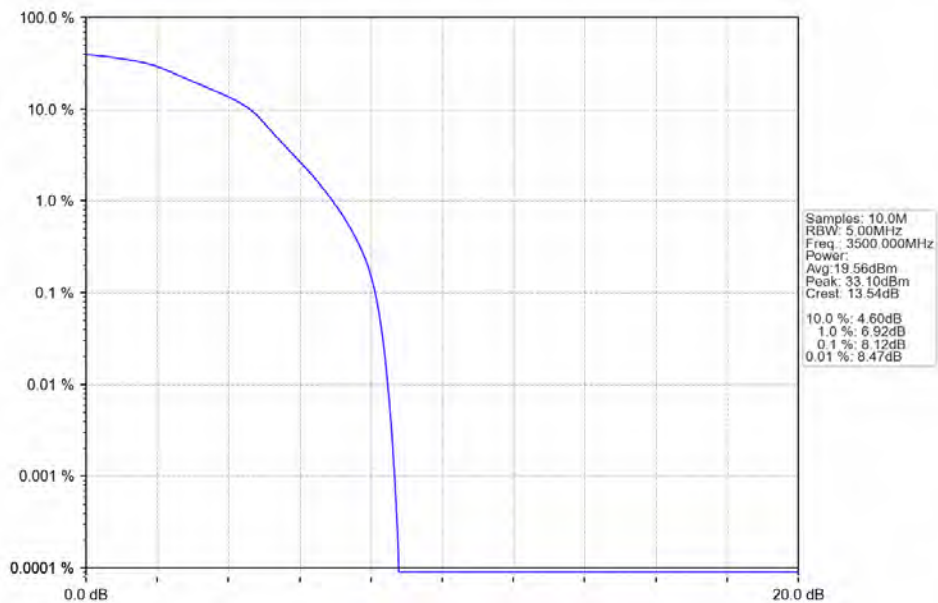
Band42a 5MHz QPSK HCH 3547.5MHz RB 25 0 NTNV



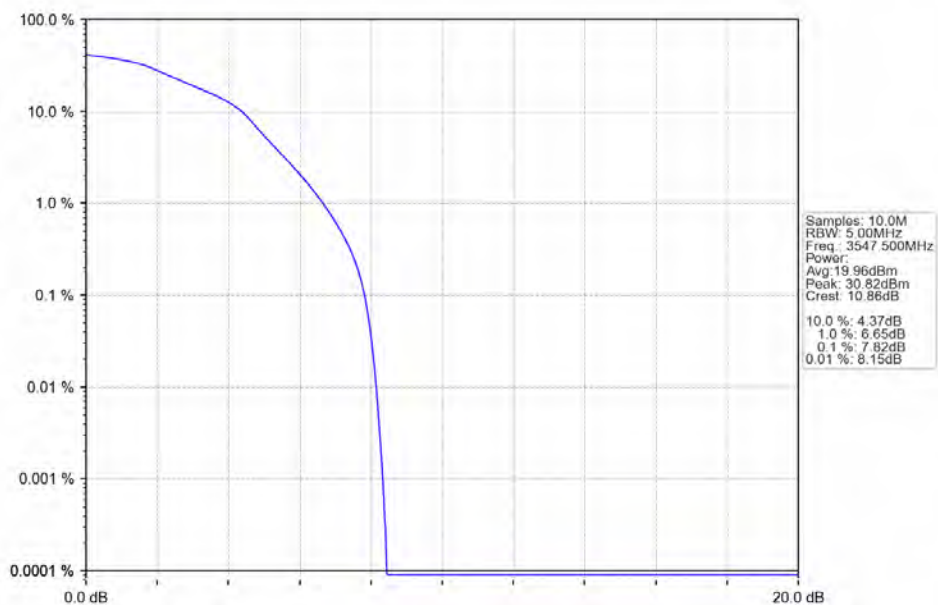
Band42a 5MHz 16QAM LCH 3452.5MHz RB 25 0 NTNV



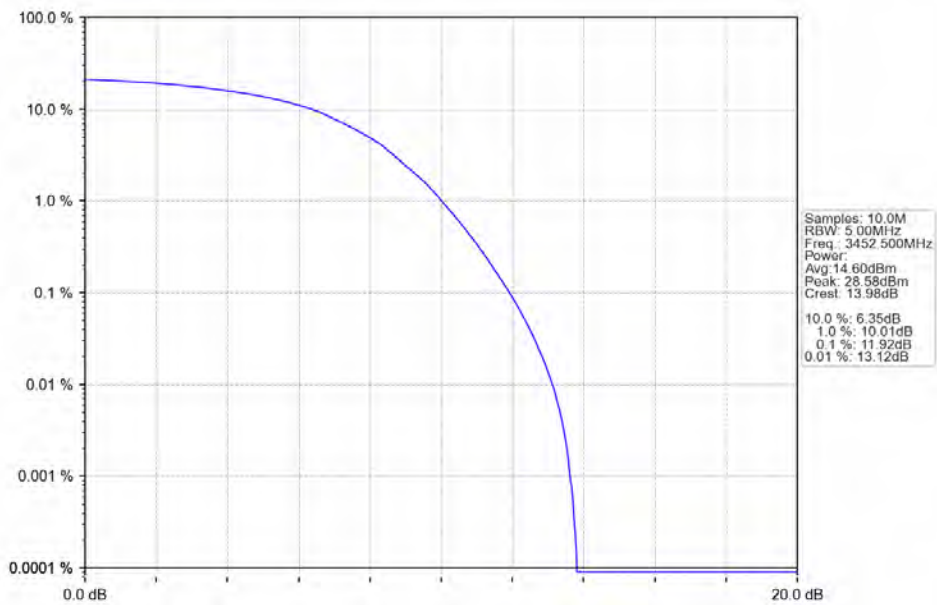
Band42a 5MHz 16QAM MCH 3500MHz RB 25 0 NTNV



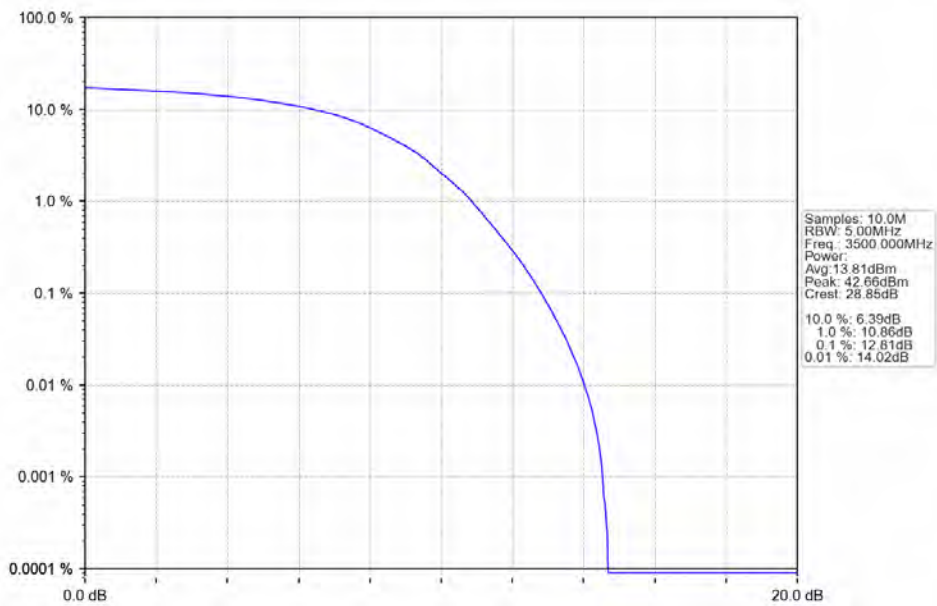
Band42a 5MHz 16QAM HCH 3547.5MHz RB 25 0 NTNV



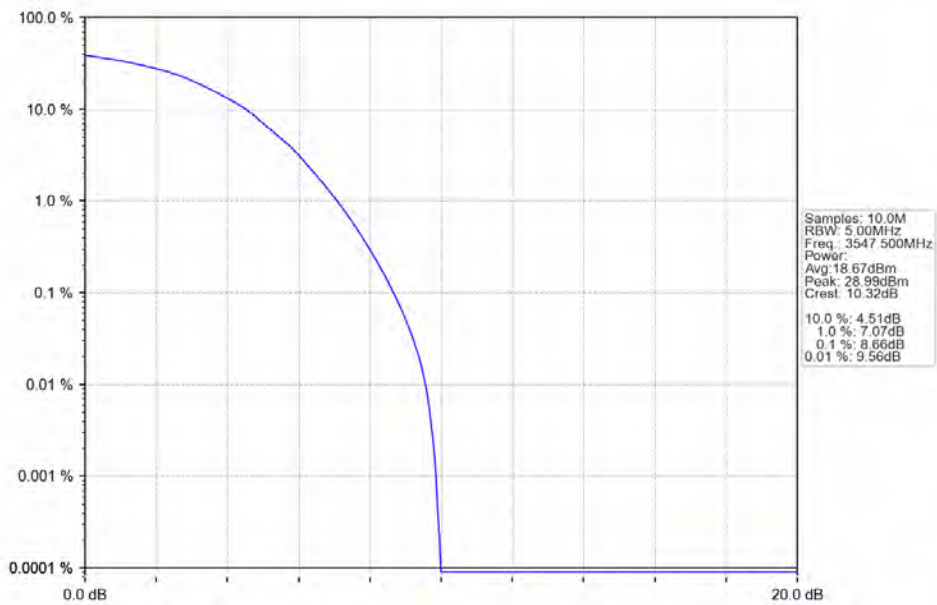
Band42a_5MHz_64QAM_LCH_3452.5MHz_RB_25_0_NTNV



Band42a_5MHz_64QAM_MCH_3500MHz_RB_25_0_NTNV

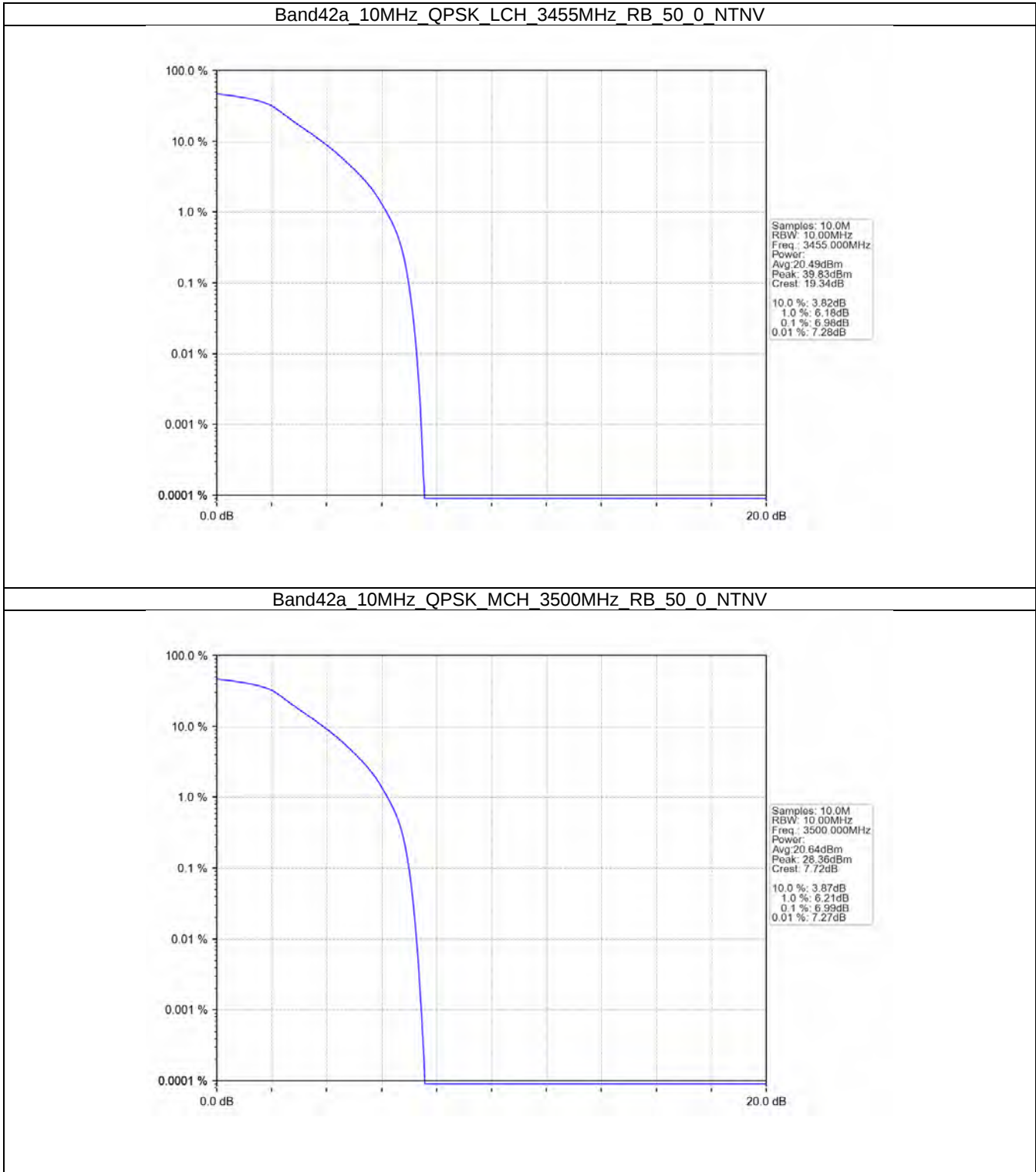


Band42a 5MHz 64QAM HCH 3547.5MHz RB 25 0 NTNV

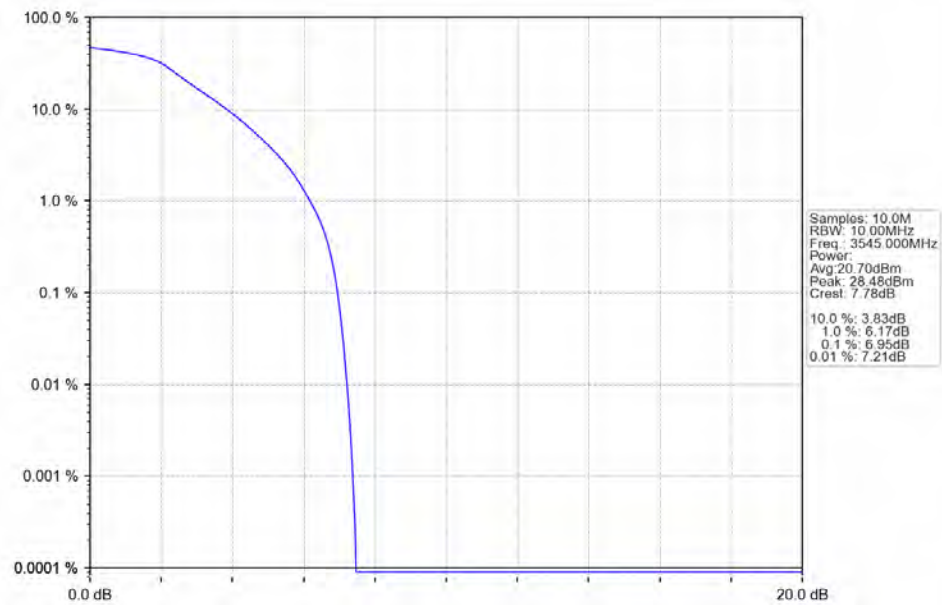


4.2 B42a_10MHz

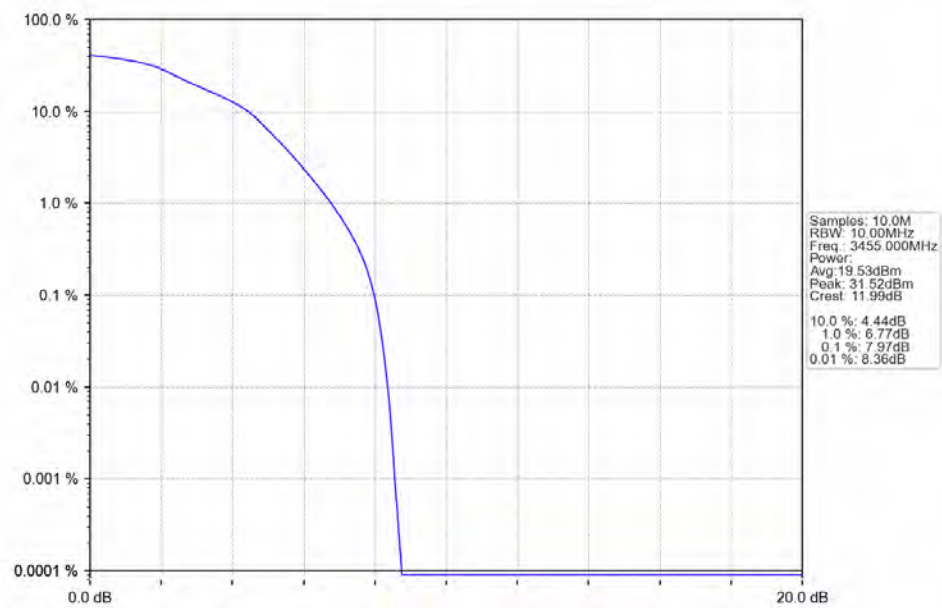
4.2.2 Test Graph



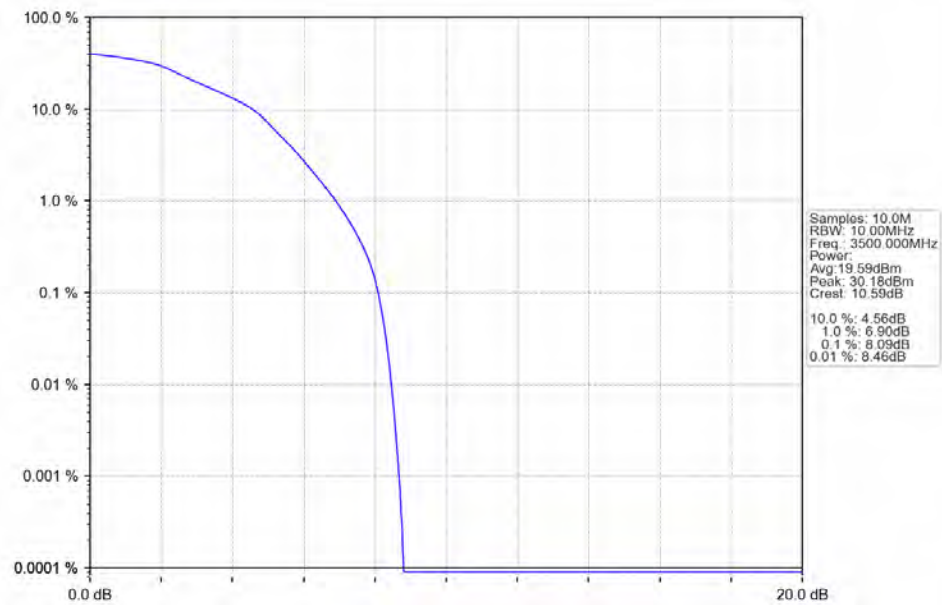
Band42a_10MHz_QPSK_HCH_3545MHz_RB_50_0_NTNV



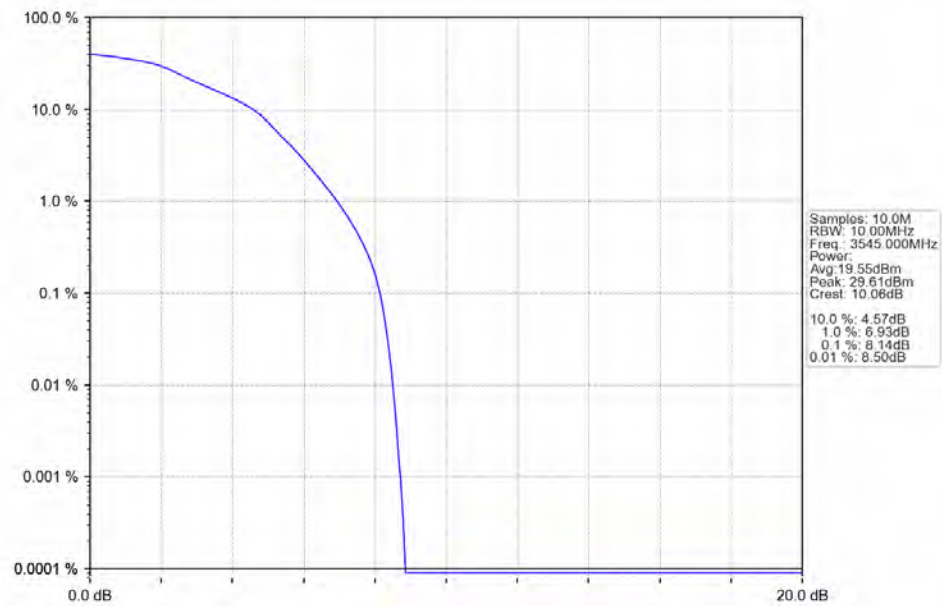
Band42a_10MHz_16QAM_LCH_3455MHz_RB_50_0_NTNV



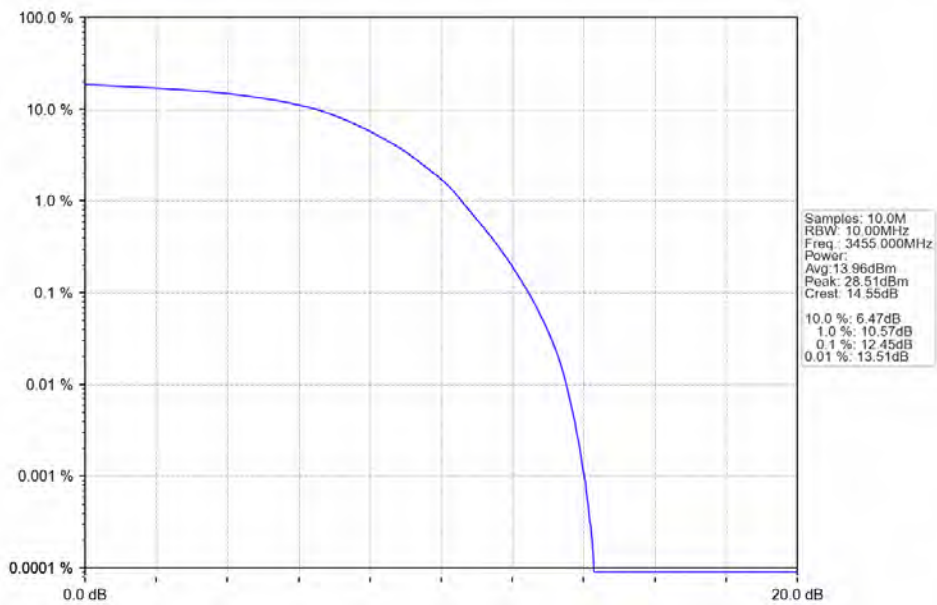
Band42a_10MHz_16QAM_MCH_3500MHz_RB_50_0_NTNV



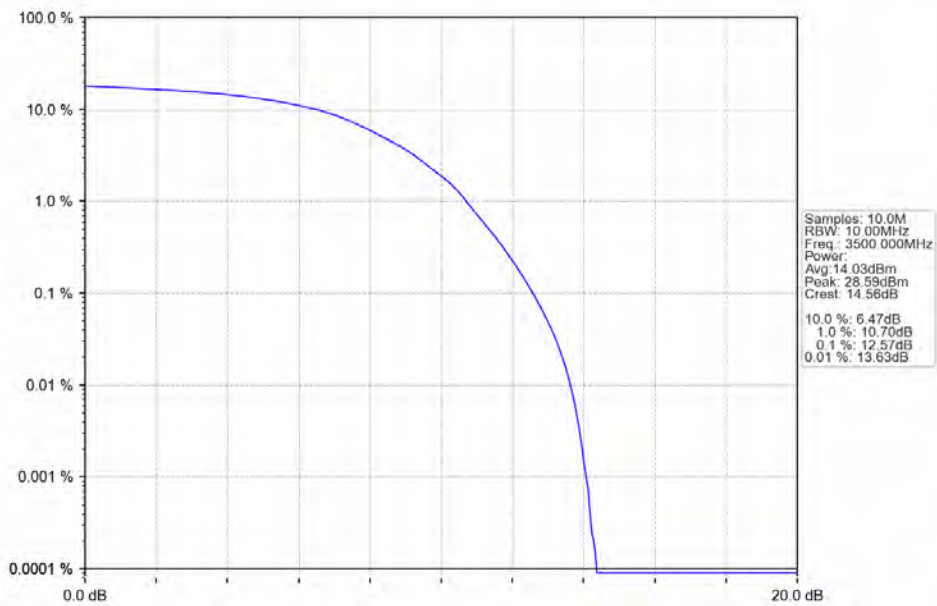
Band42a_10MHz_16QAM_HCH_3545MHz_RB_50_0_NTNV



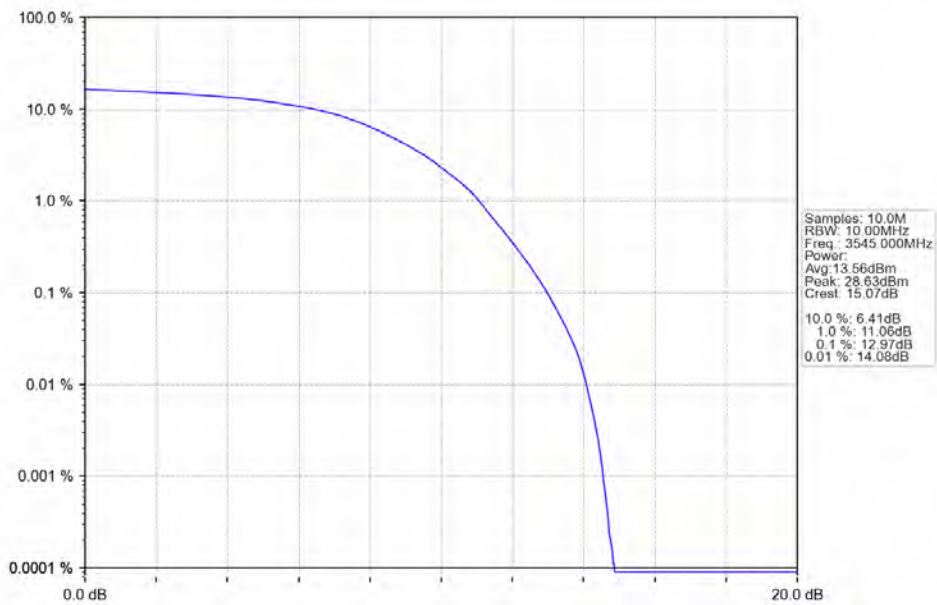
Band42a_10MHz_64QAM_LCH_3455MHz_RB_50_0_NTNV



Band42a_10MHz_64QAM_MCH_3500MHz_RB_50_0_NTNV

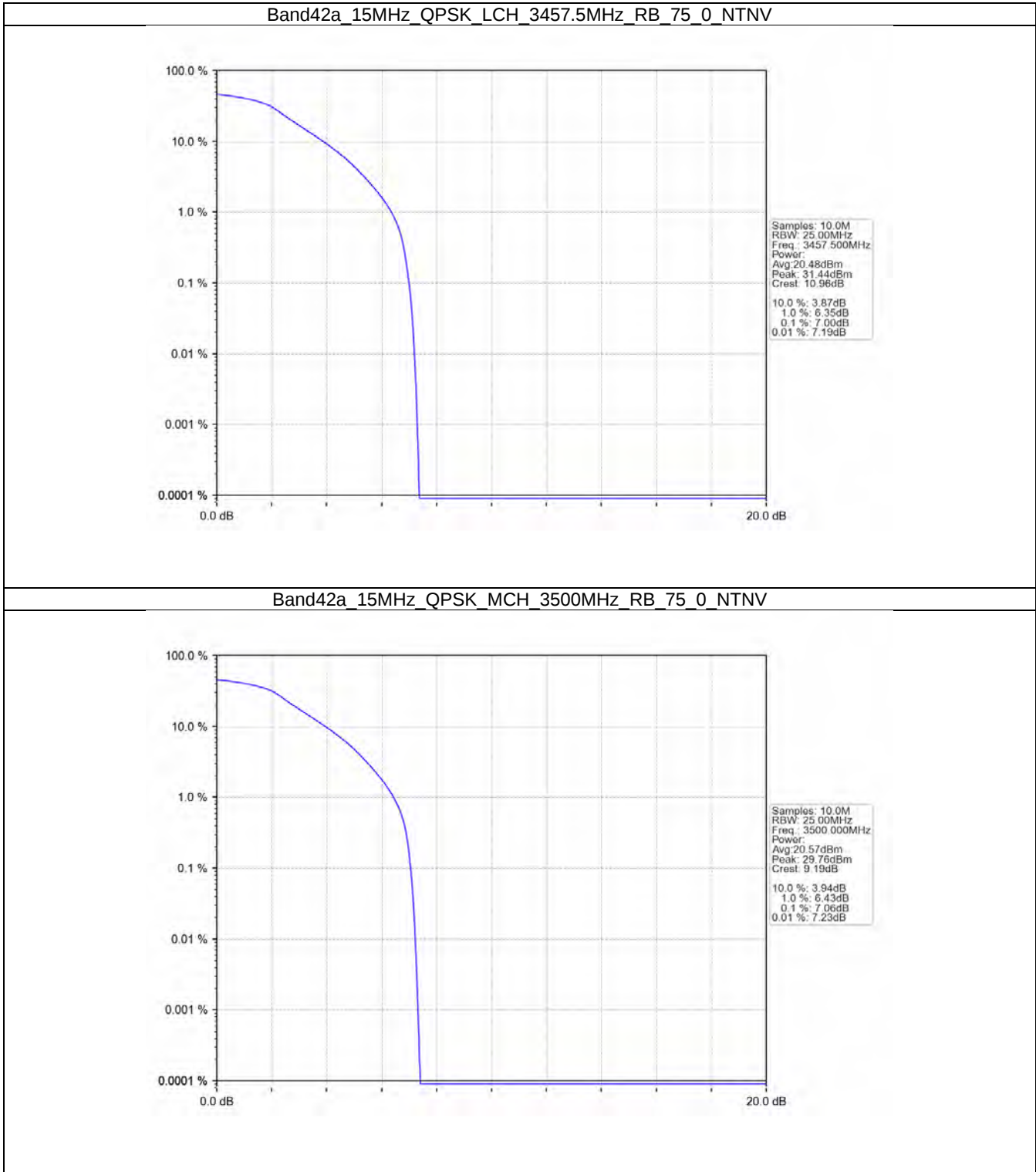


Band42a 10MHz 64QAM HCH 3545MHz RB 50 0 NTV

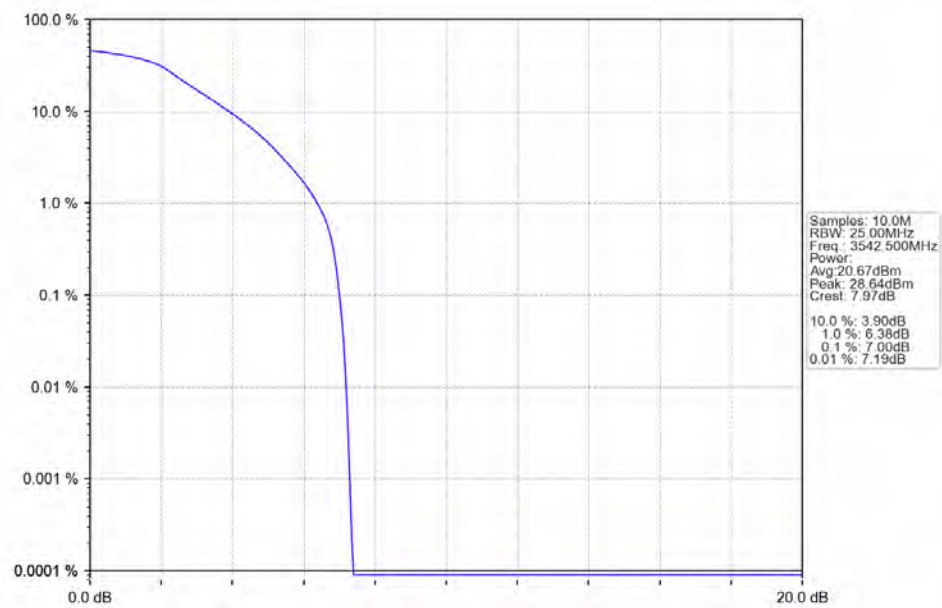


4.3 B42a_15MHz

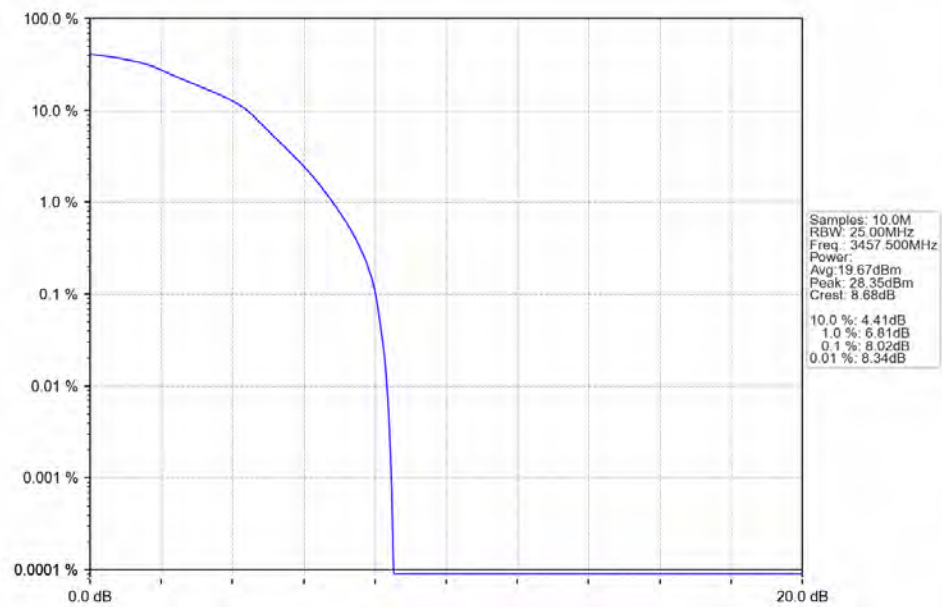
4.3.2 Test Graph



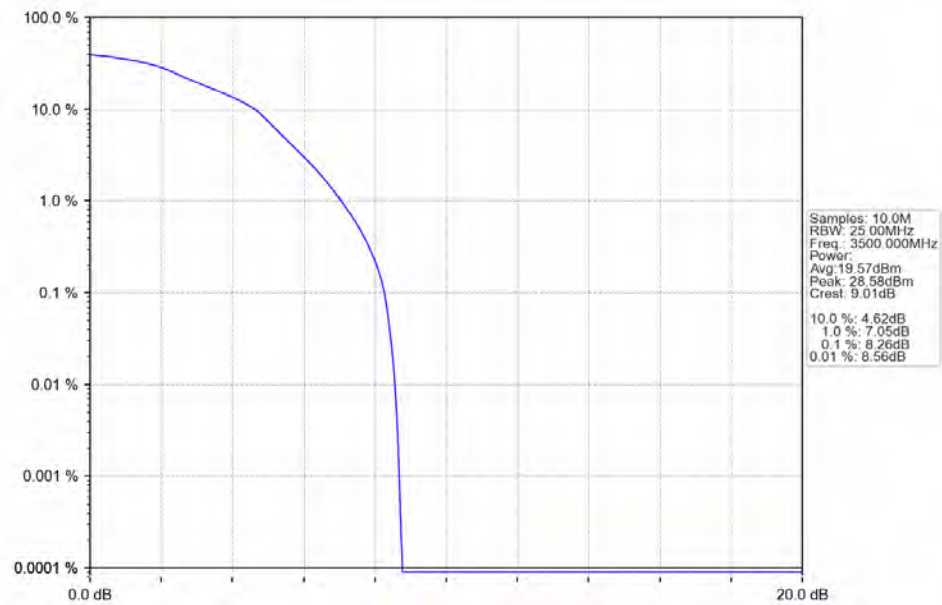
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_75_0_NTNV



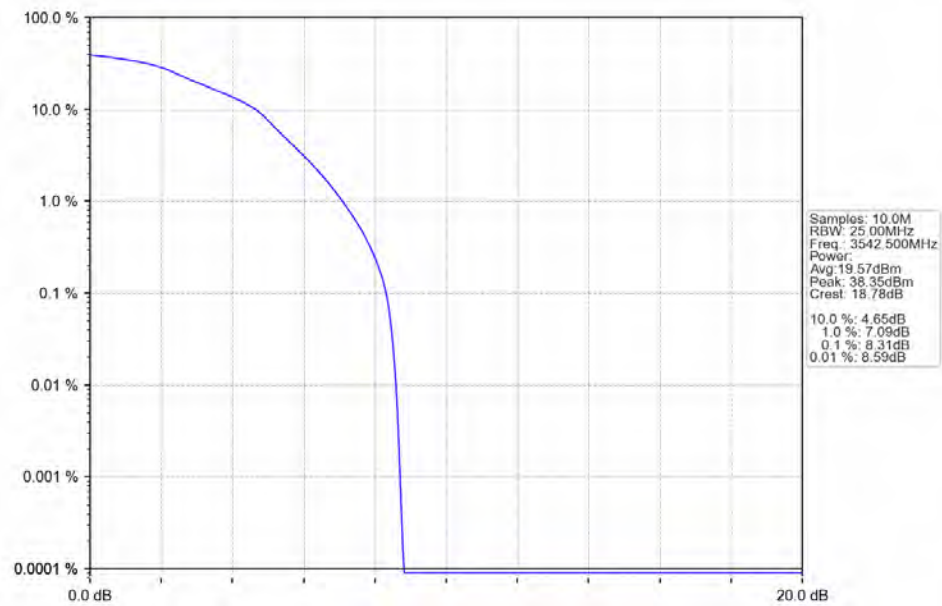
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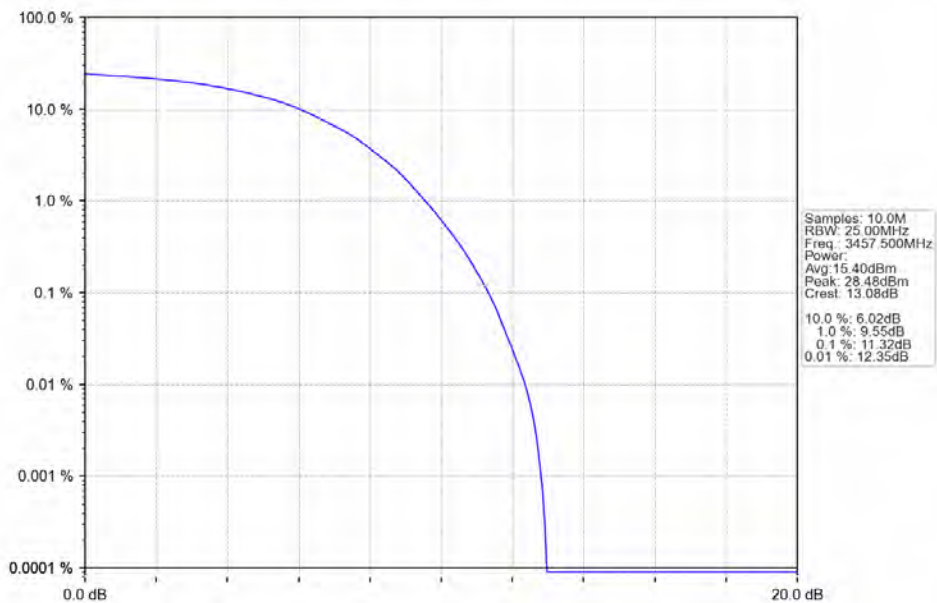
Band42a_15MHz_16QAM_MCH_3500MHz_RB_75_0_NTNV



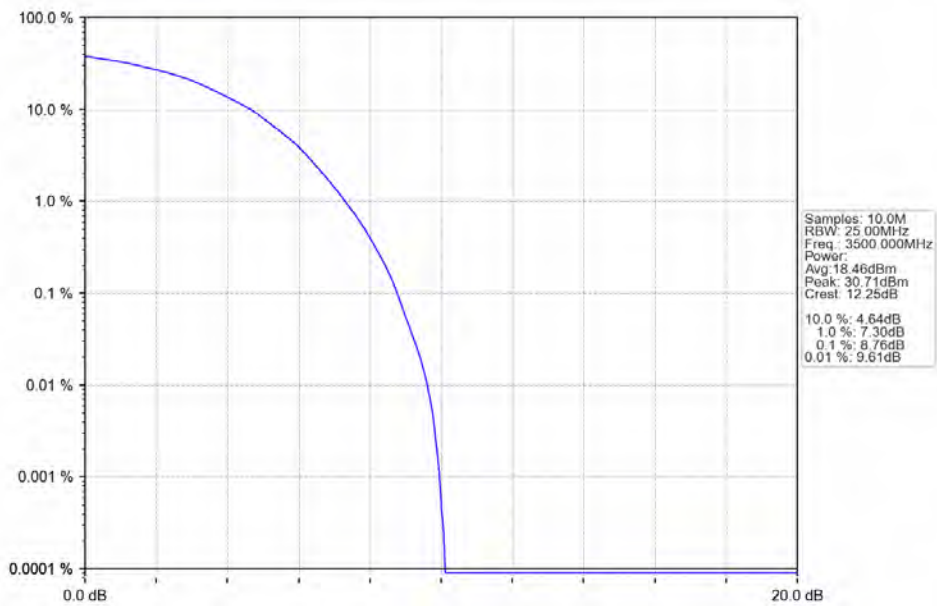
Band42a_15MHz_16QAM_HCH_3542.5MHz_RB_75_0_NTNV



Band42a_15MHz_64QAM_LCH_3457.5MHz_RB_75_0_NTNV



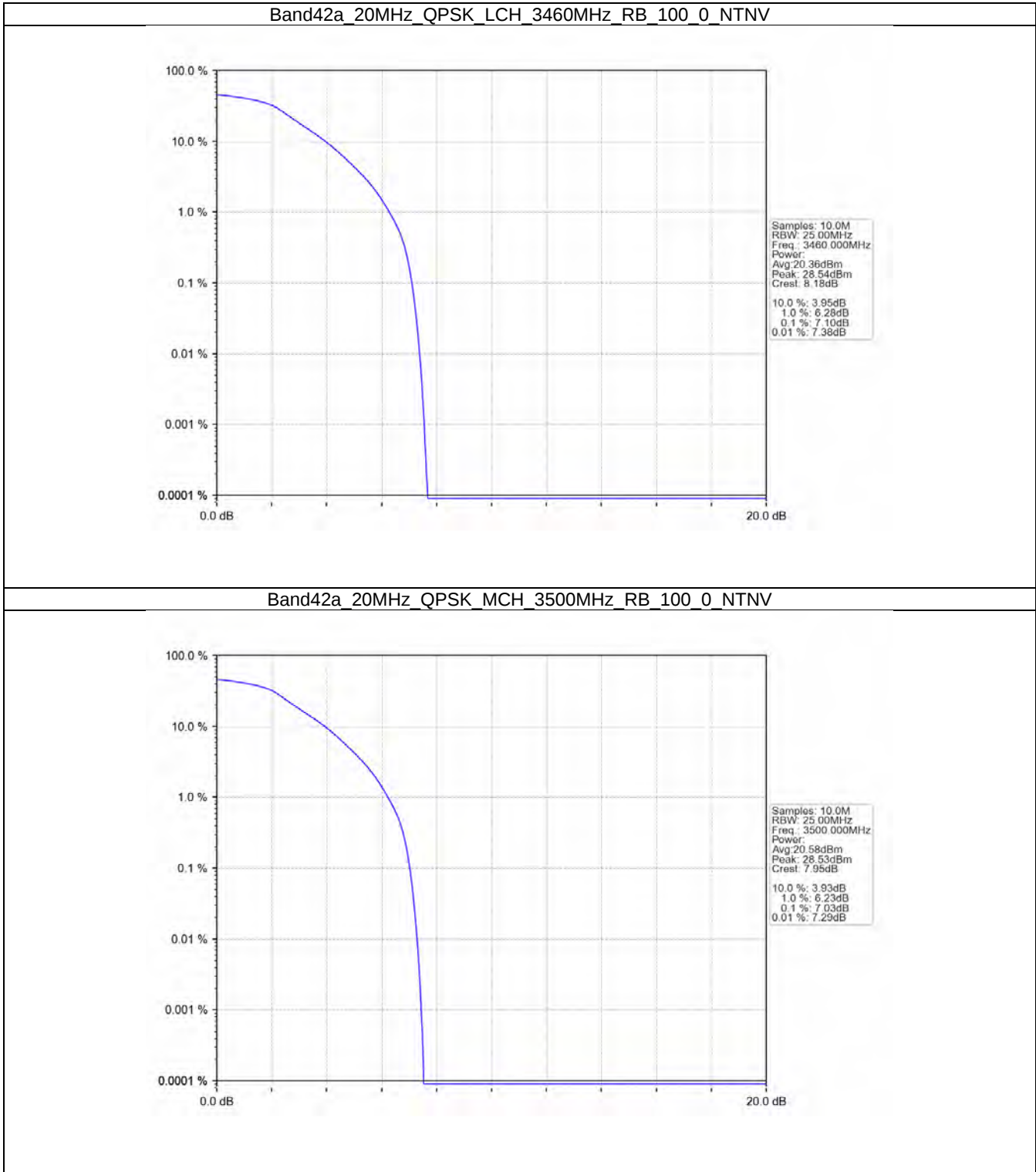
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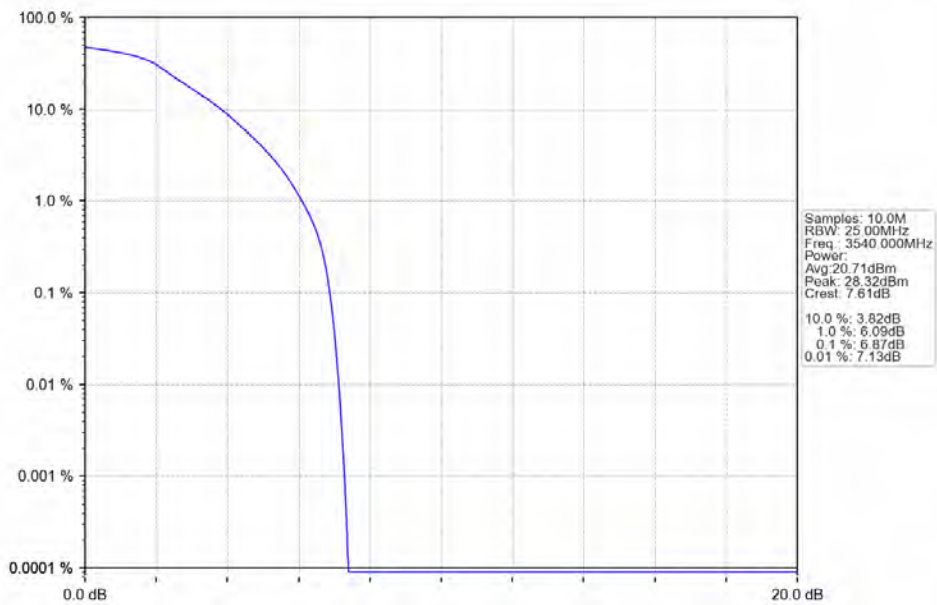


4.4 B42a_20MHz

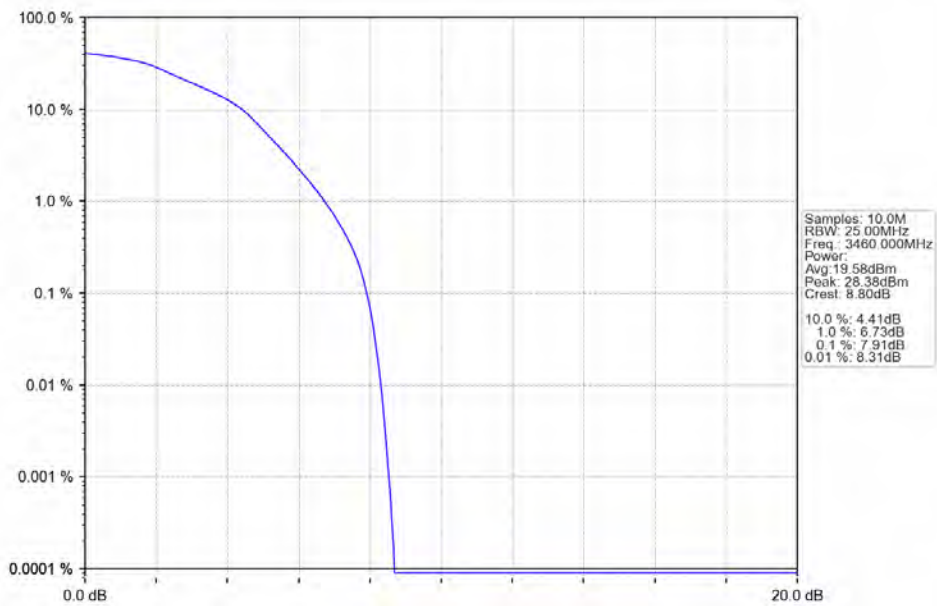
4.4.2 Test Graph



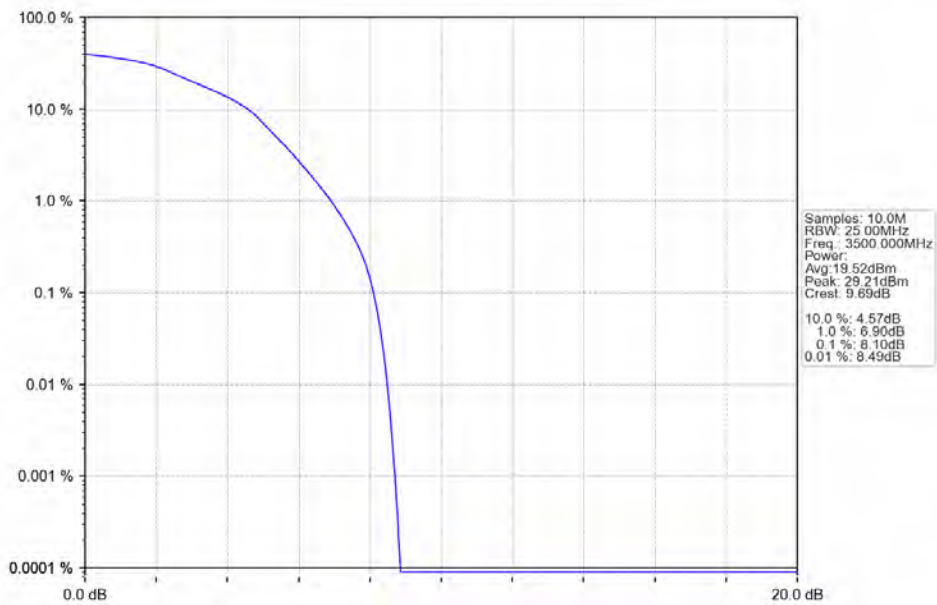
Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



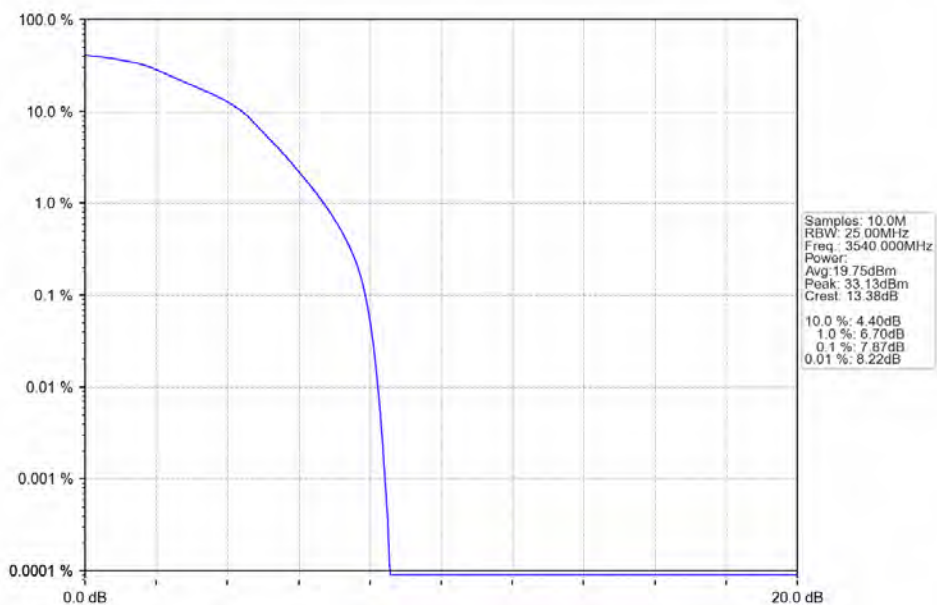
Band42a_20MHz_16QAM_LCH_3460MHz_RB_100_0_NTNV



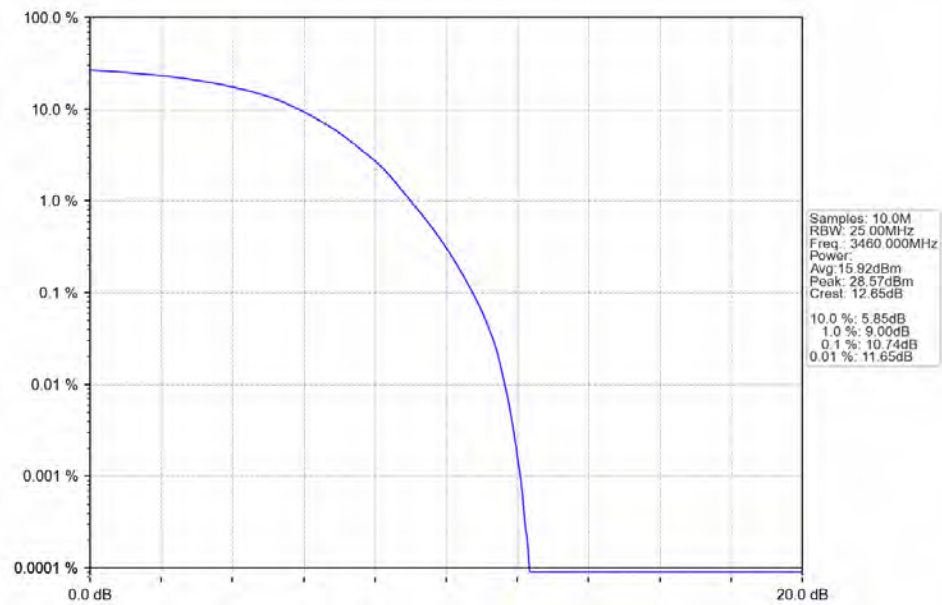
Band42a 20MHz 16QAM MCH 3500MHz RB 100 0 NTNV



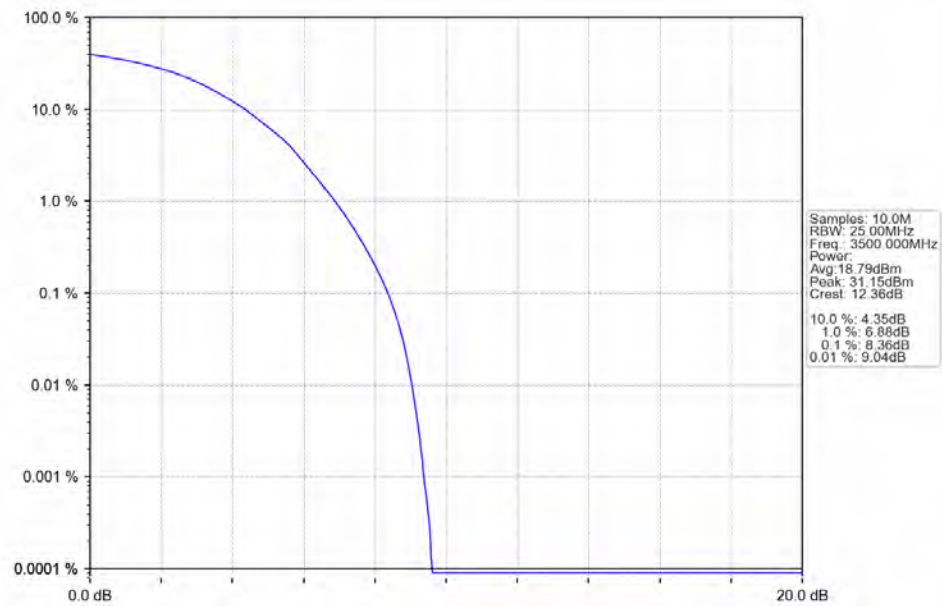
Band42a 20MHz 16QAM HCH 3540MHz RB 100 0 NTNV



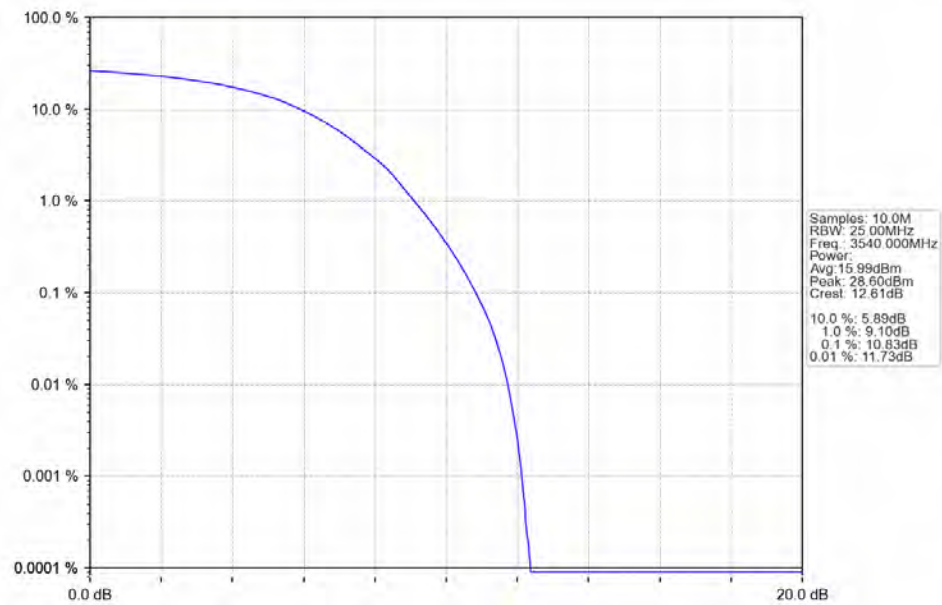
Band42a 20MHz 64QAM LCH 3460MHz RB 100 0 NTN



Band42a 20MHz 64QAM MCH 3500MHz RB 100 0 NTN



Band42a 20MHz 64QAM HCH 3540MHz RB 100 0 NTN



5. Spurious Emission

5.1 B42a_5MHz

5.1.1 Test Result

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3547.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.2 B42a_10MHz

5.2.1 Test Result

Band: 42a / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3545	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.3 B42a_15MHz

5.3.1 Test Result

Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3542.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.4 B42a_20MHz

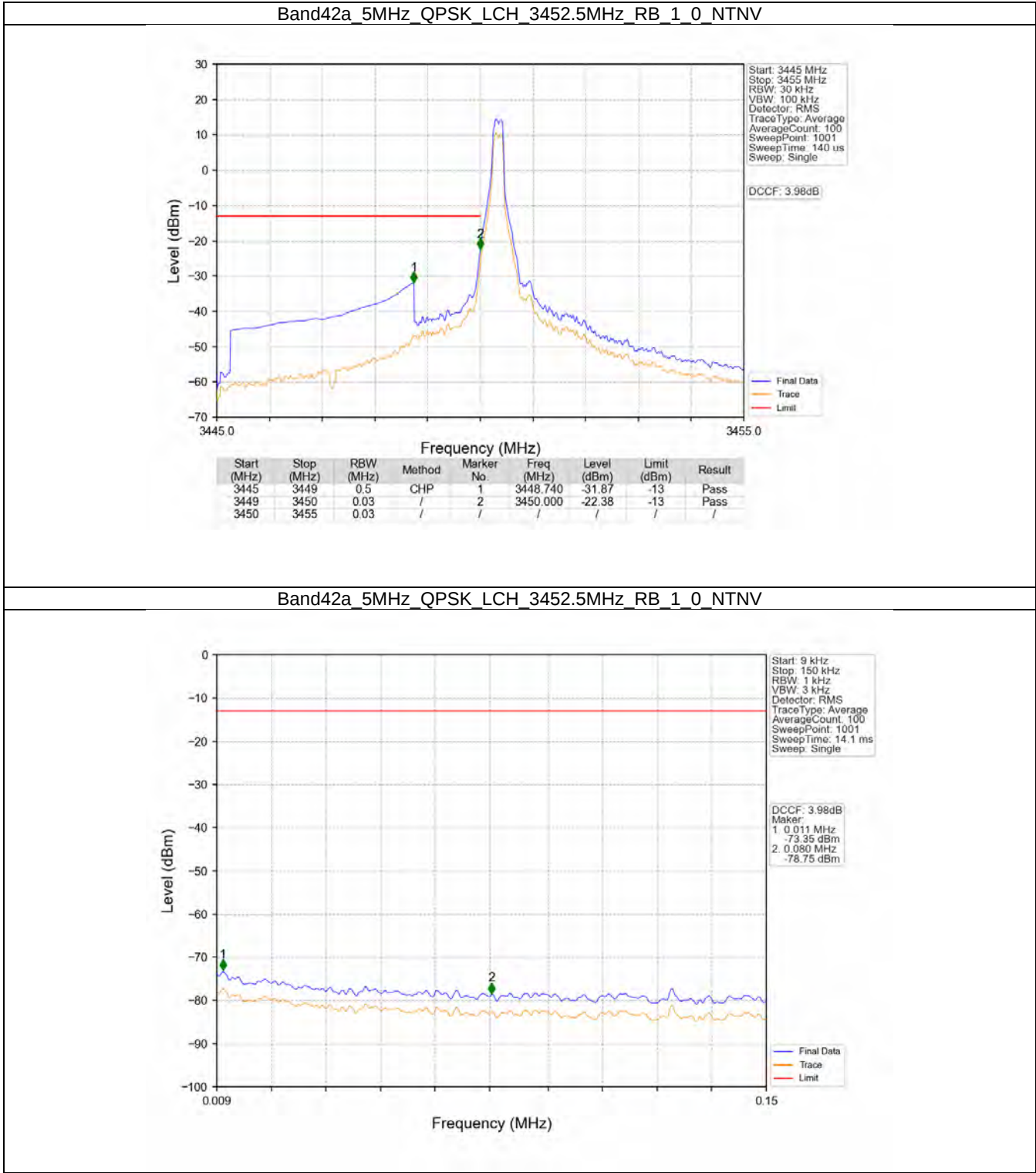
5.4.1 Test Result

Band: 42a / Bandwidth: 20MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

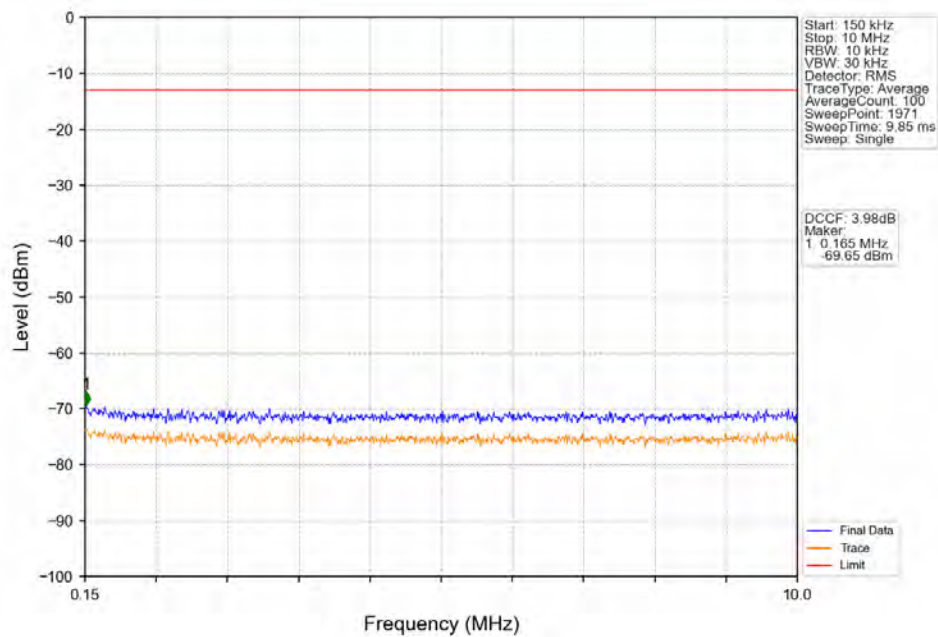
	(MHz)	Size	Offset	Result	Limit	
QPSK	3460	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3540	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.1 B42a_5MHz

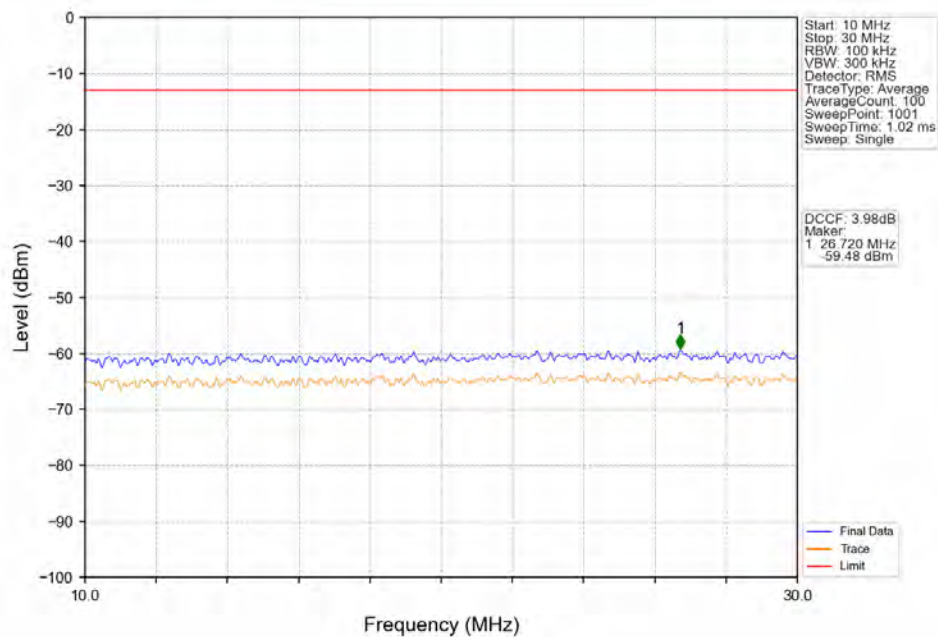
5.1.2 Test Graph



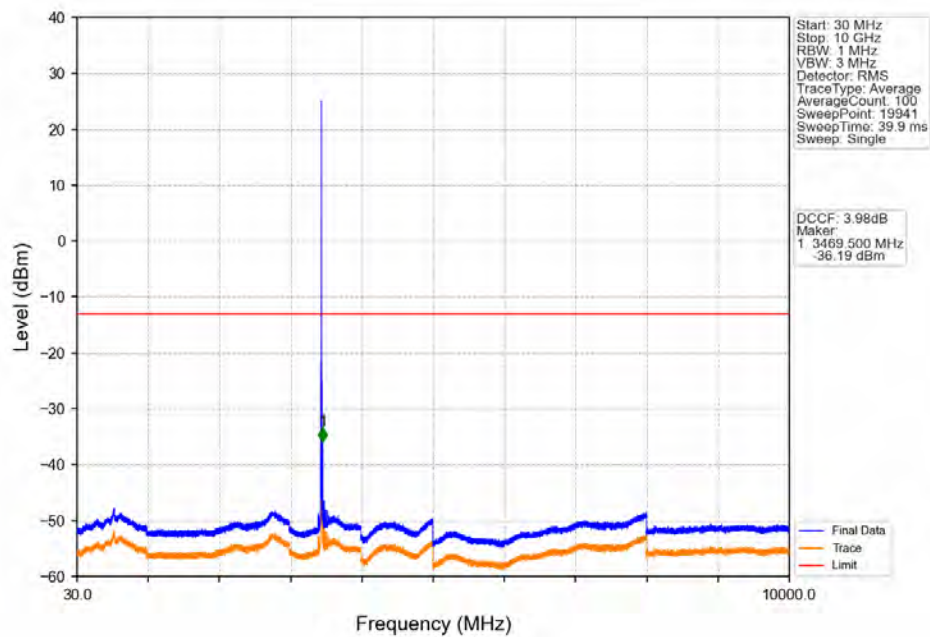
Band42a 5MHz QPSK LCH 3452.5MHz RB 1 0 NTNV



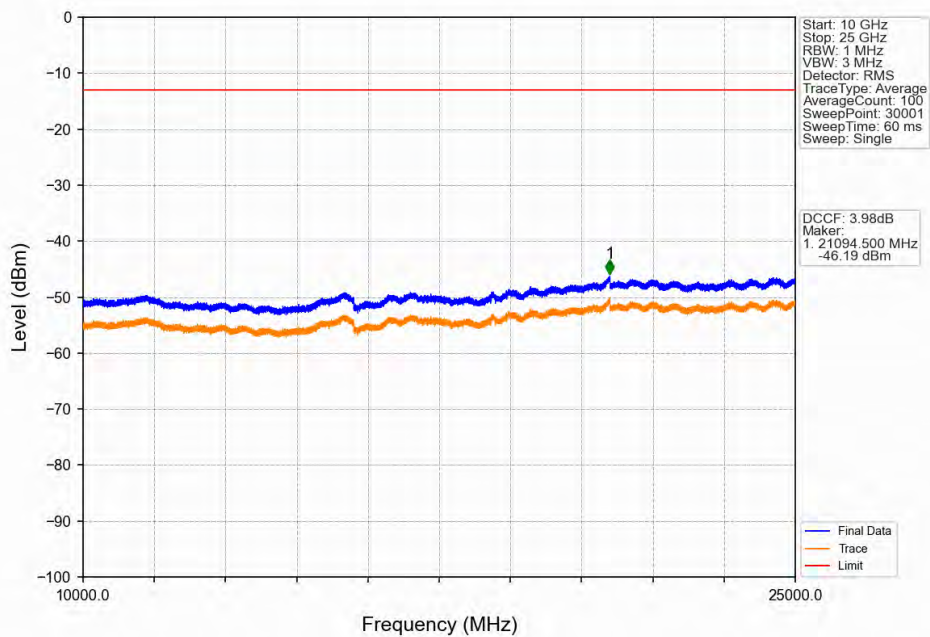
Band42a 5MHz QPSK LCH 3452.5MHz RB 1 0 NTNV



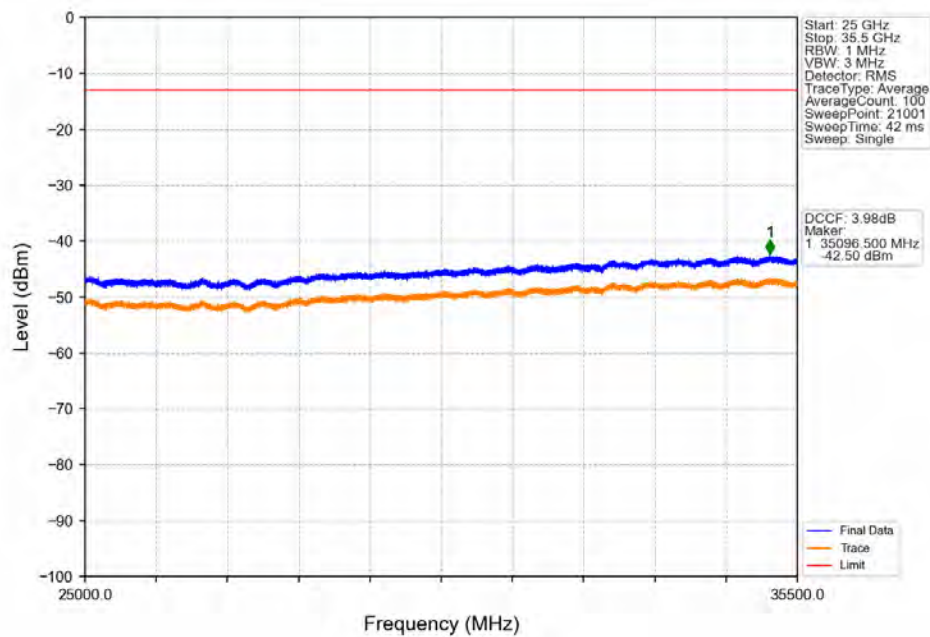
Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV



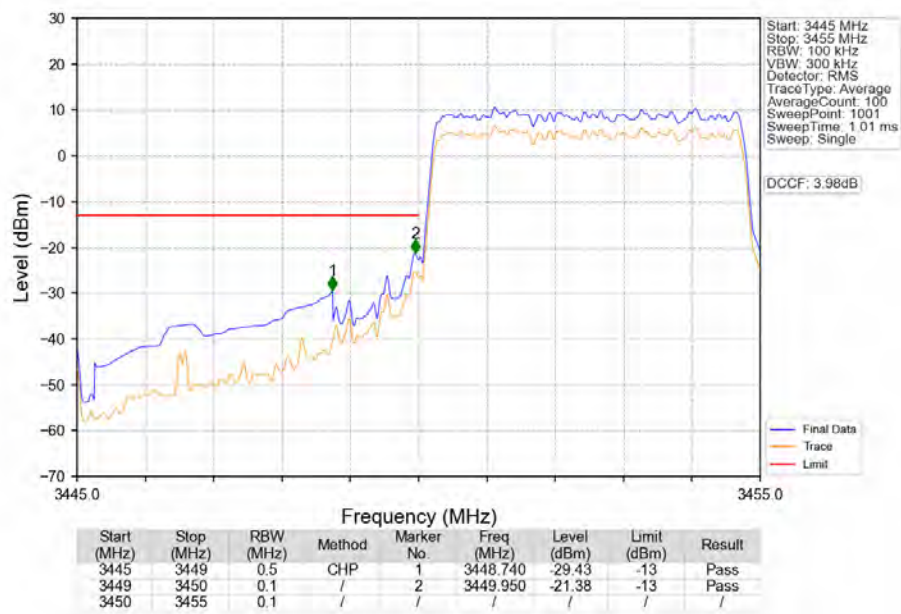
Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV



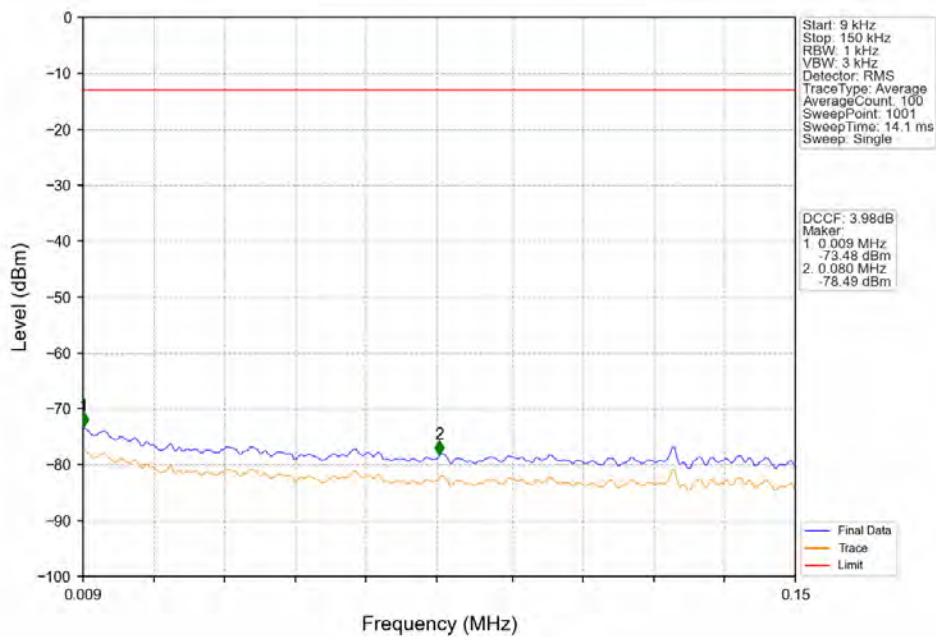
Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV



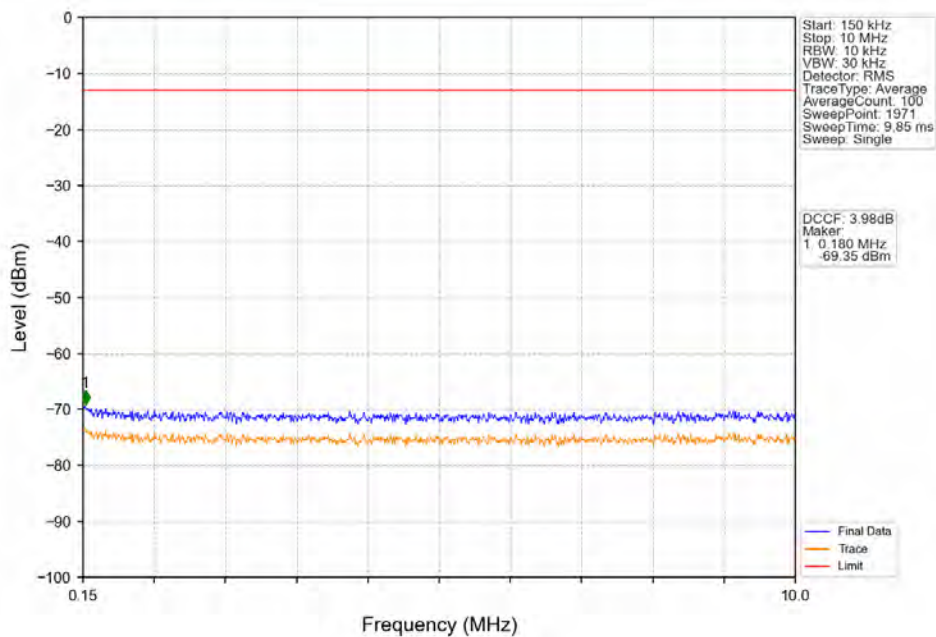
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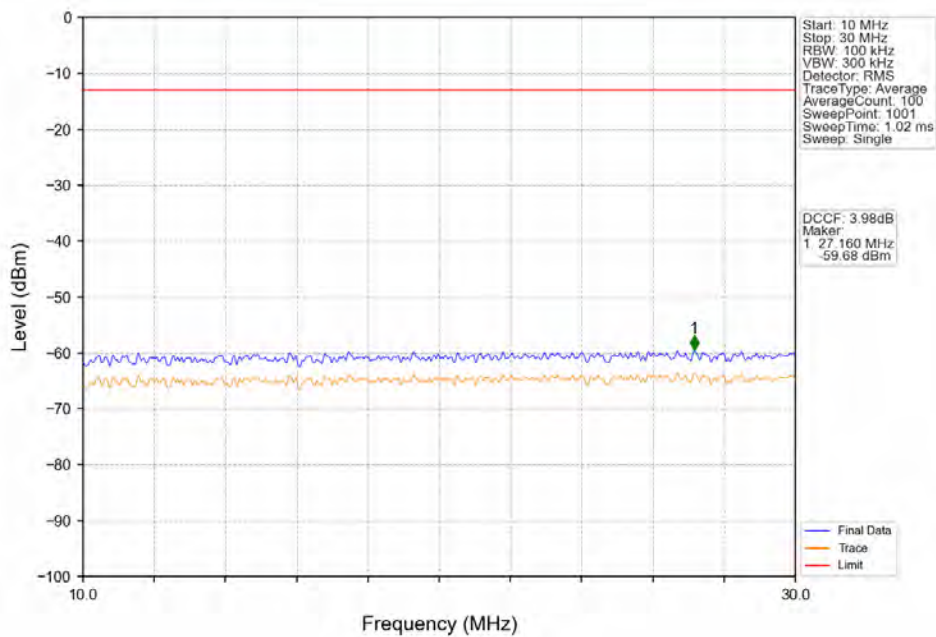
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



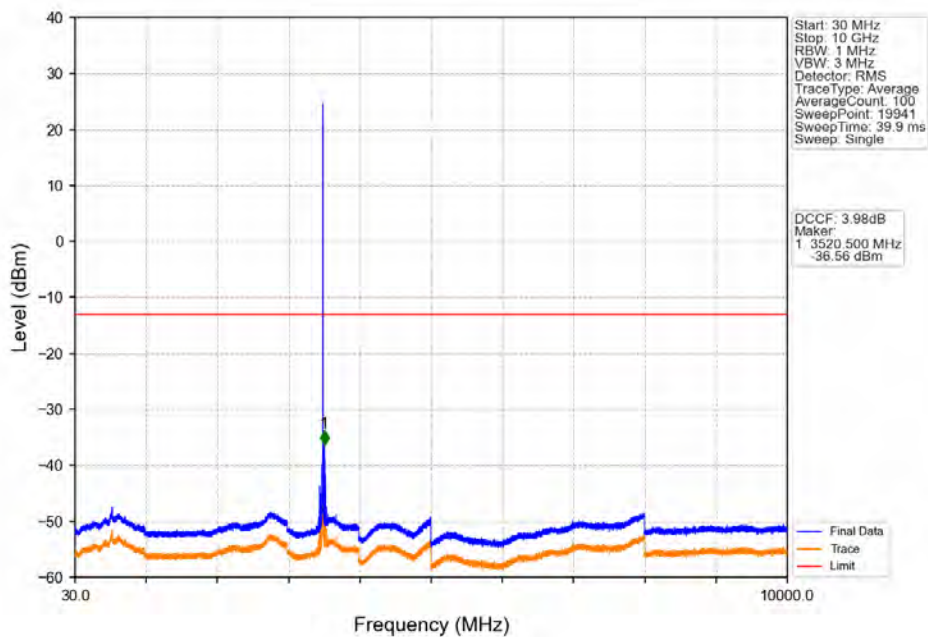
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



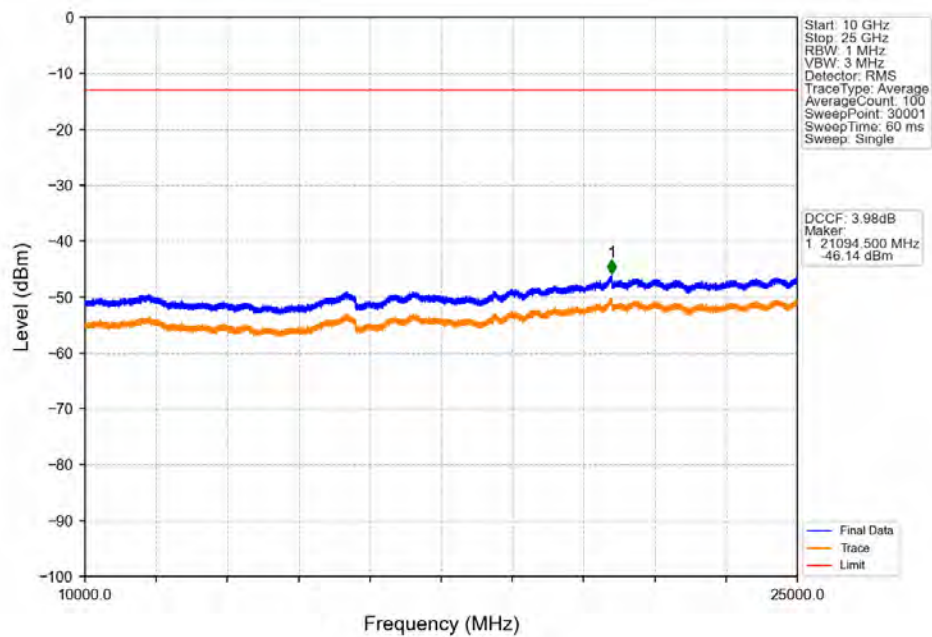
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



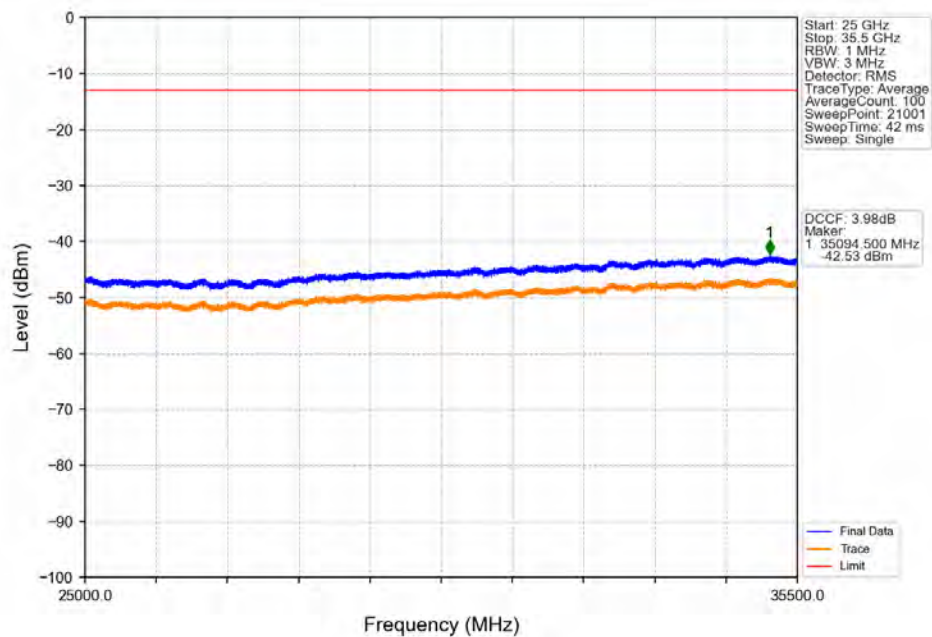
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



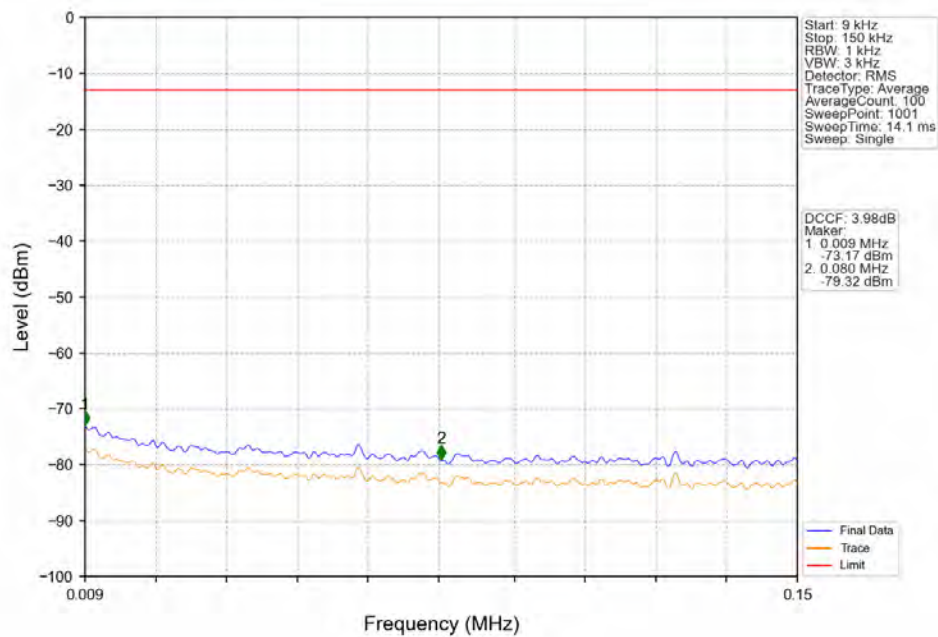
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



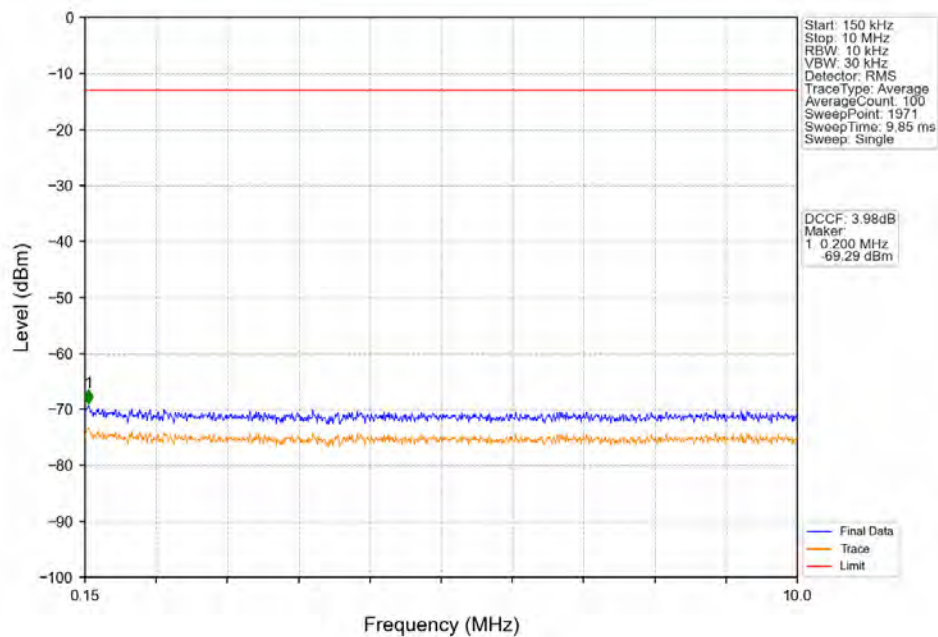
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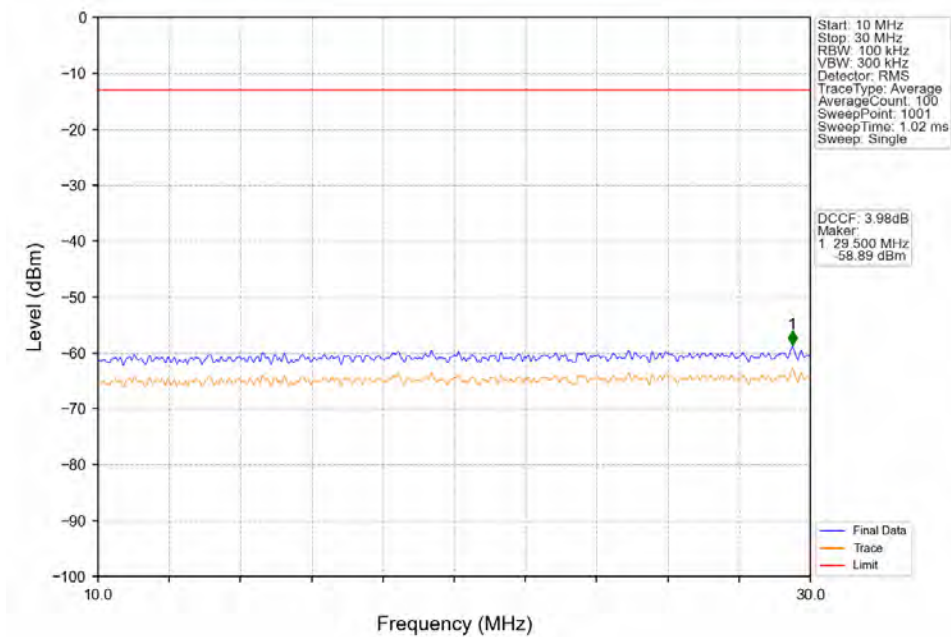
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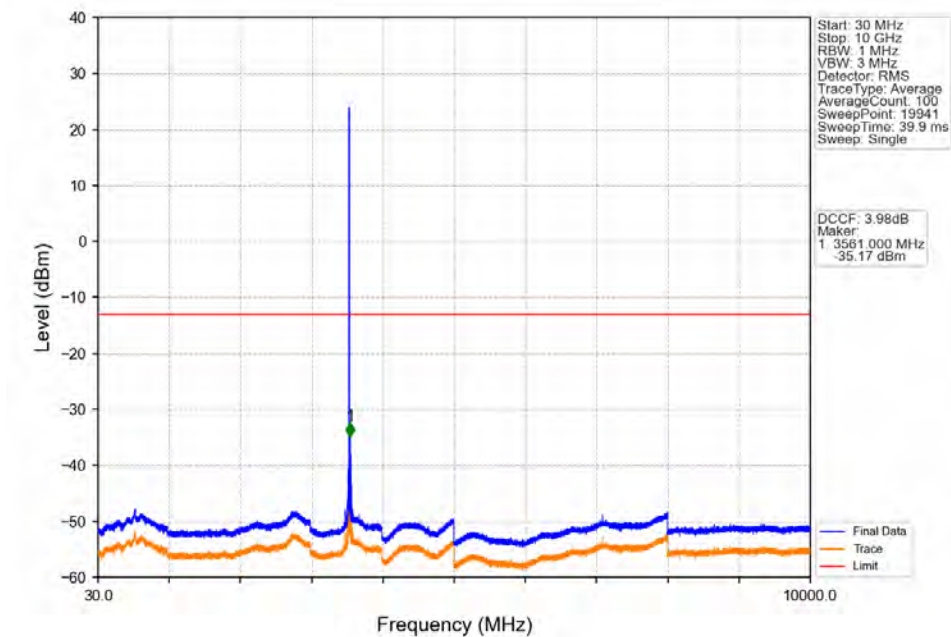
Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_0_NTNV



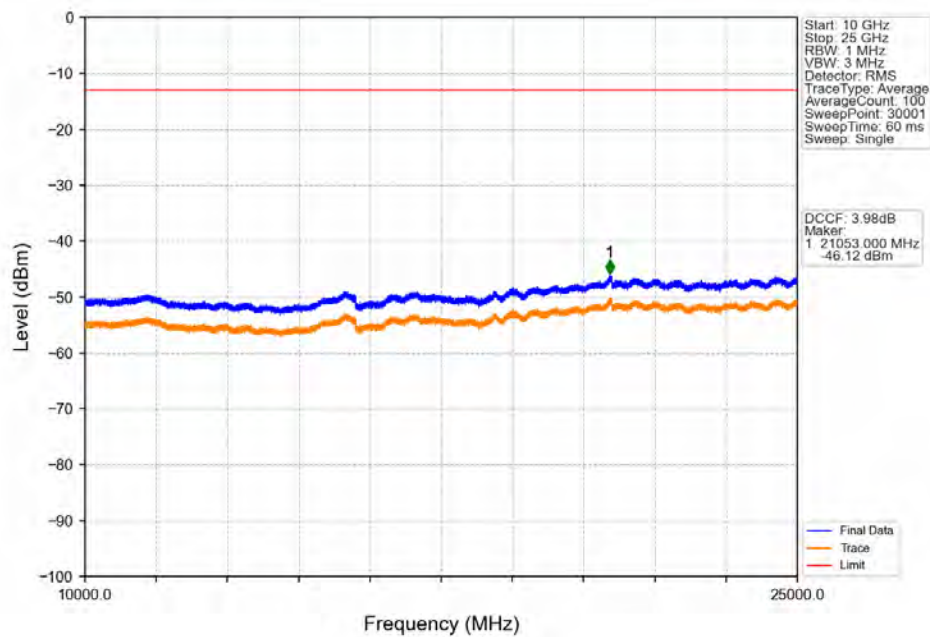
Band42a 5MHz QPSK HCH 3547.5MHz RB 1 0 NTNV



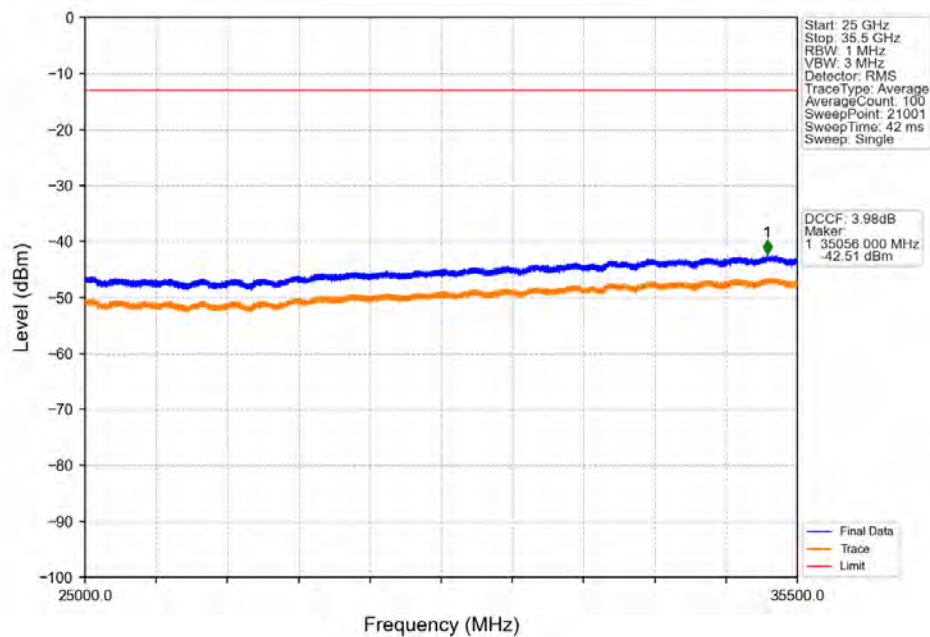
Band42a 5MHz QPSK HCH 3547.5MHz RB 1 0 NTNV



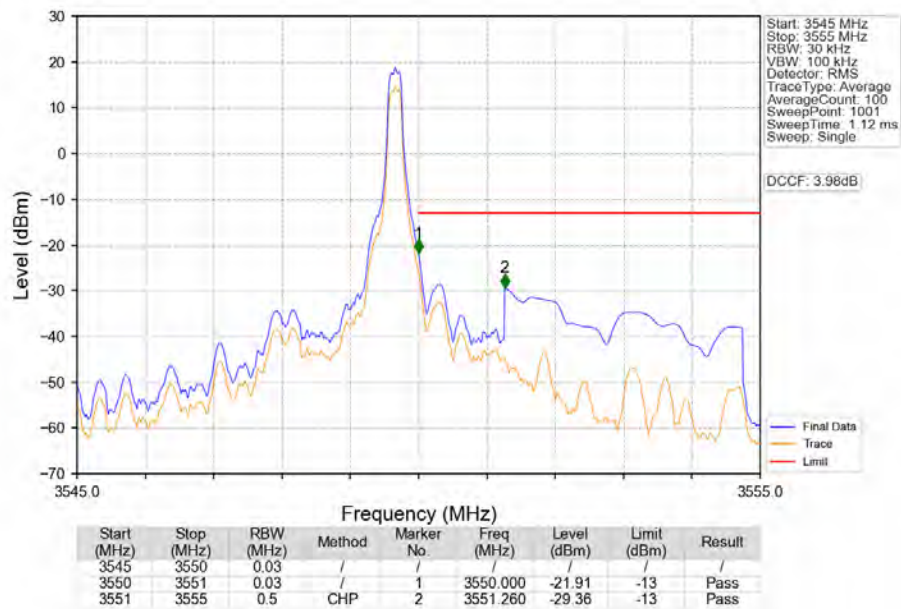
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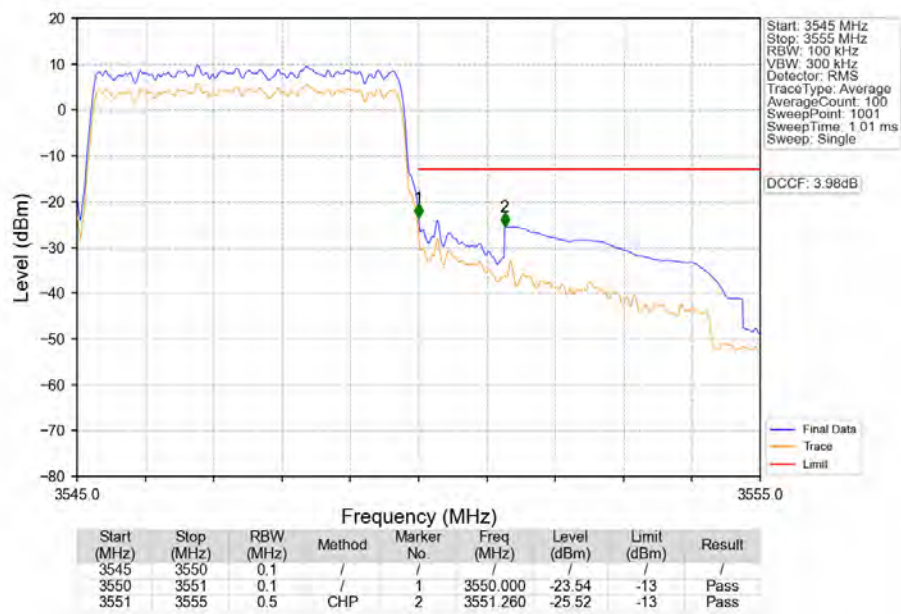
Band42a 5MHz QPSK HCH 3547.5MHz RB 1 0 NTNV



Band42a 5MHz QPSK HCH 3547.5MHz RB 1 24 NTNV

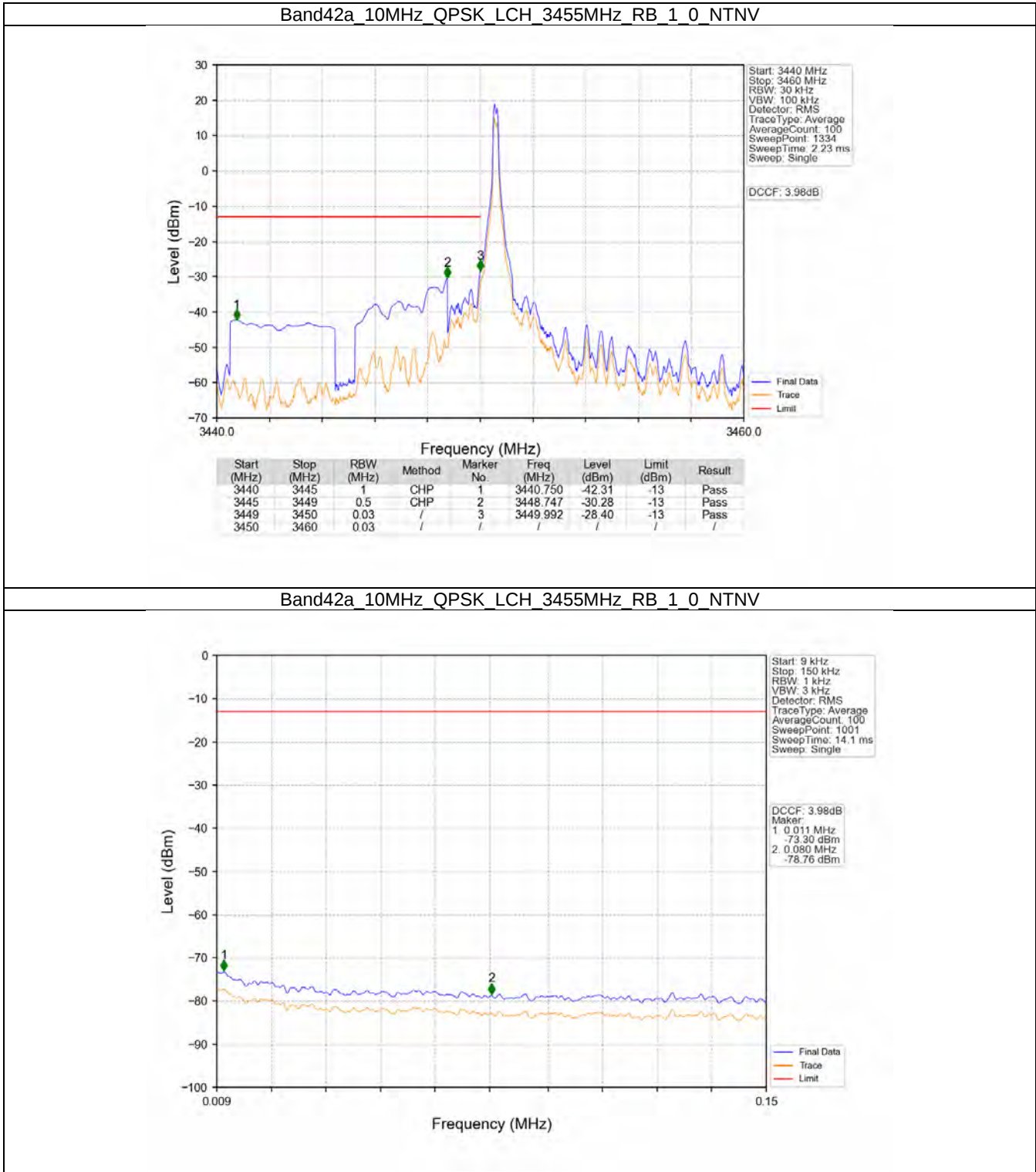


Band42a 5MHz QPSK HCH 3547.5MHz RB 25 0 NTNV

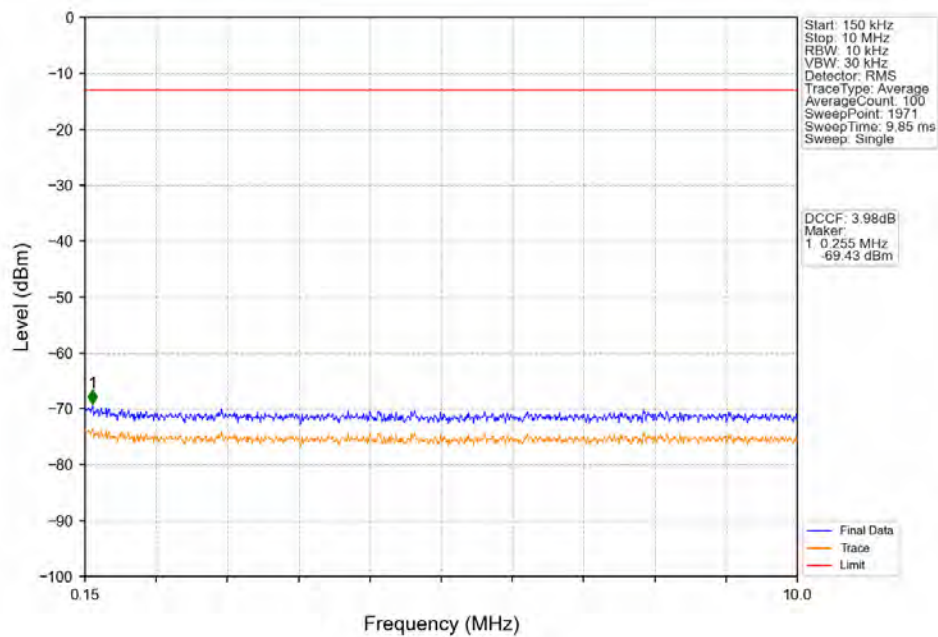


5.2 B42a_10MHz

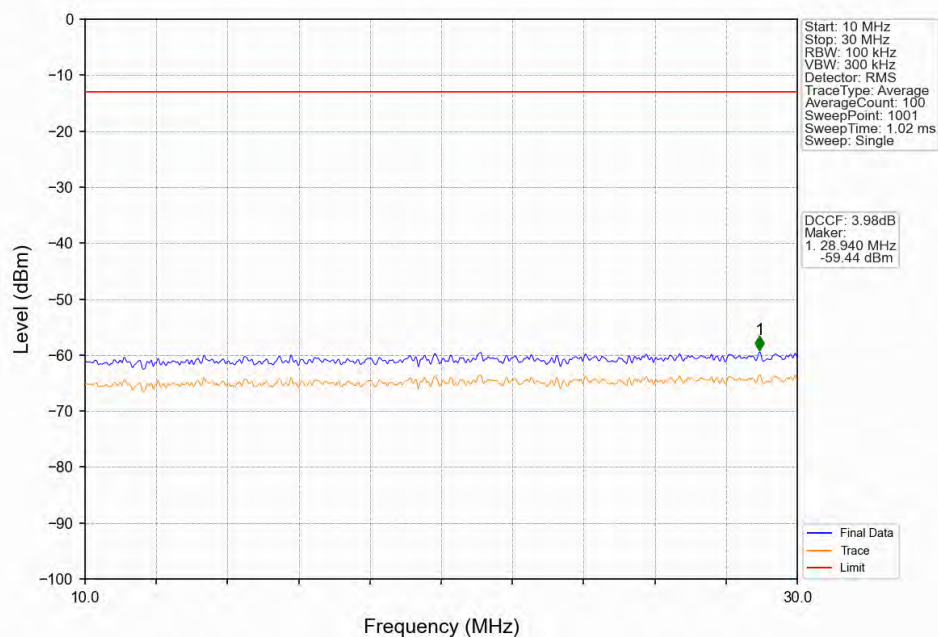
5.2.2 Test Graph



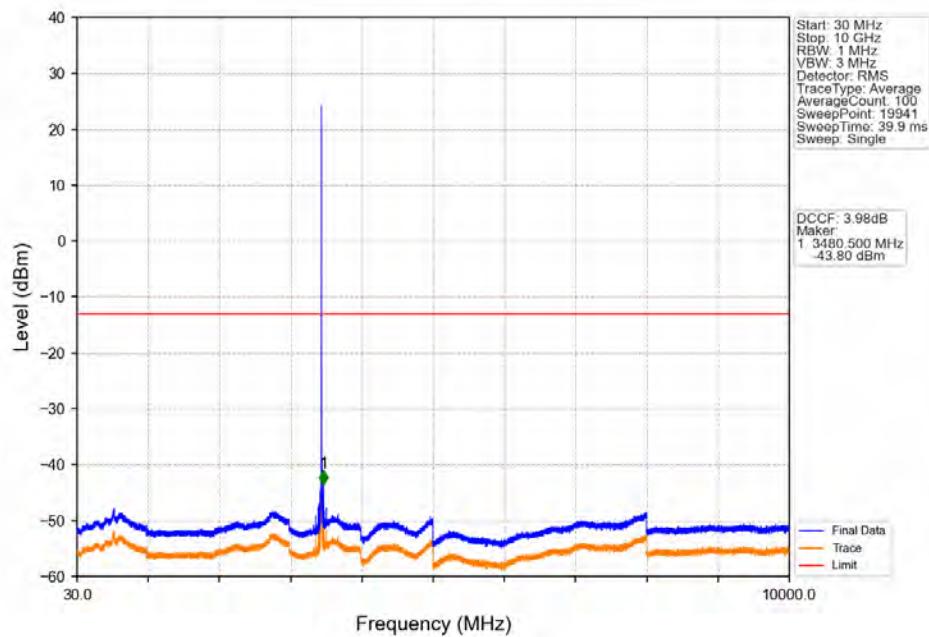
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



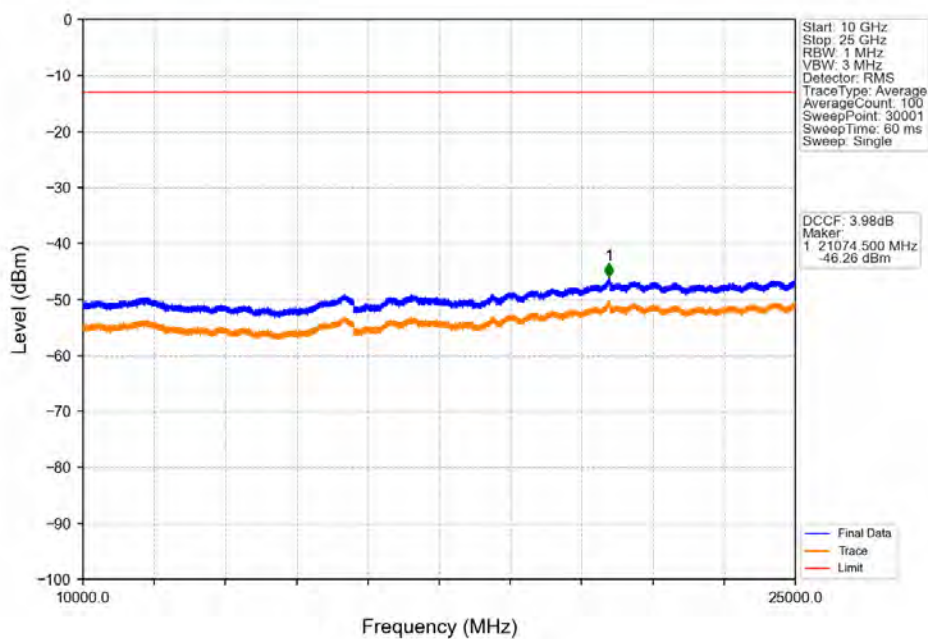
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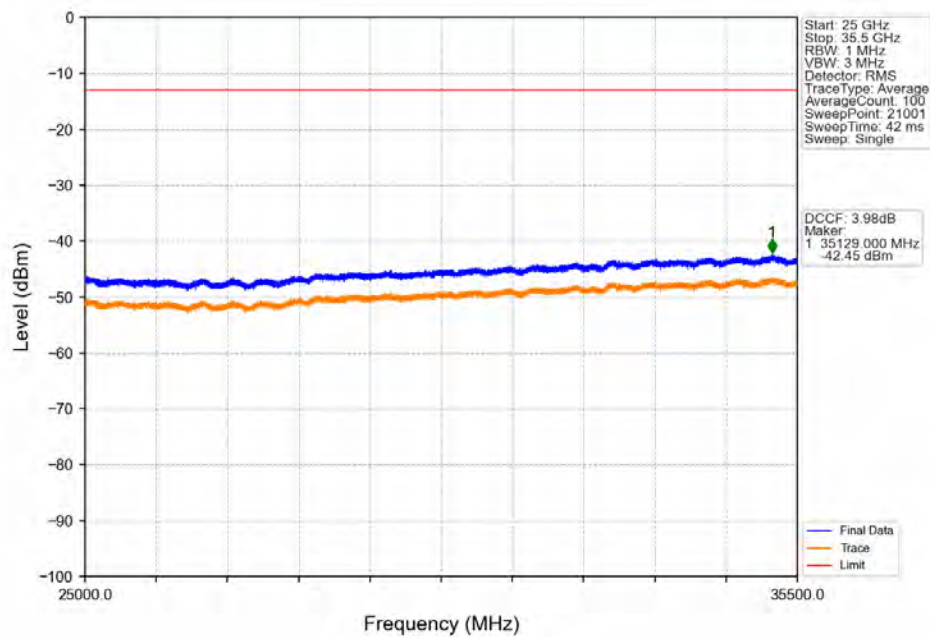
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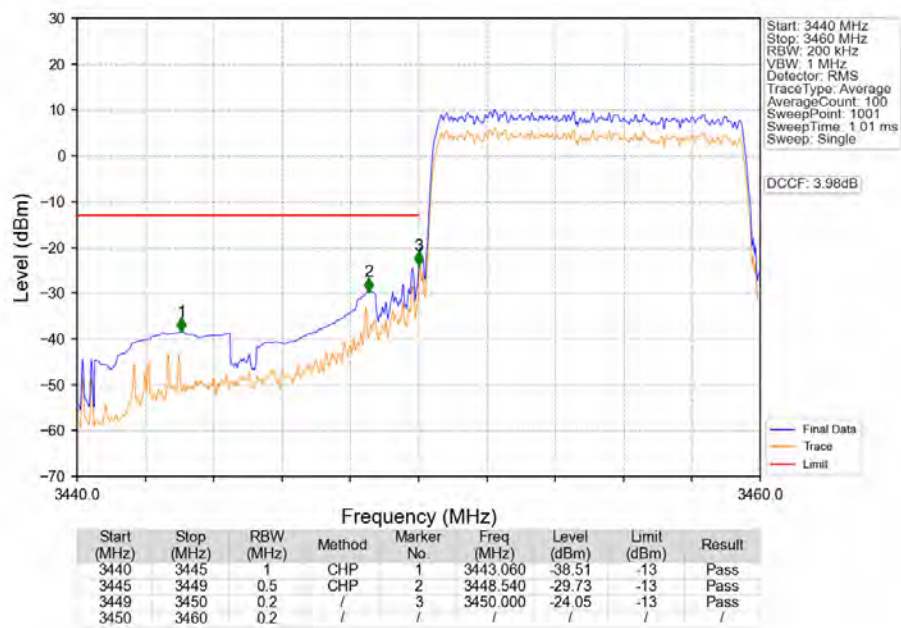
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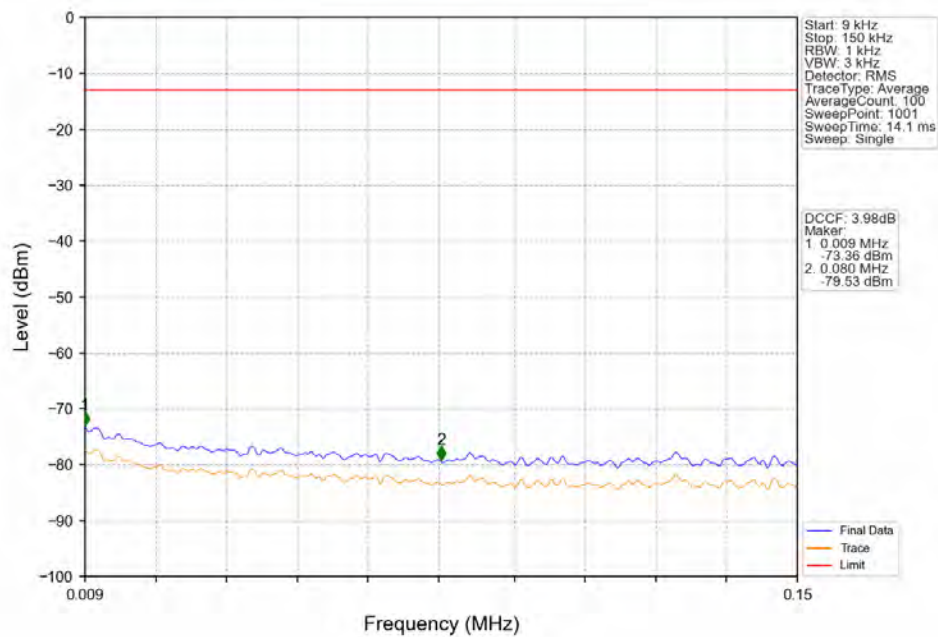
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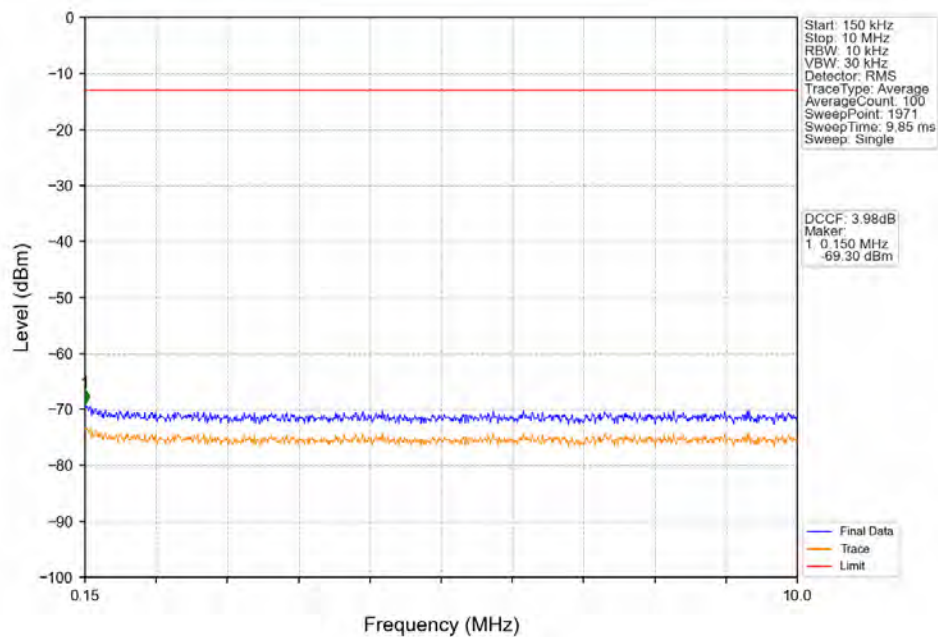
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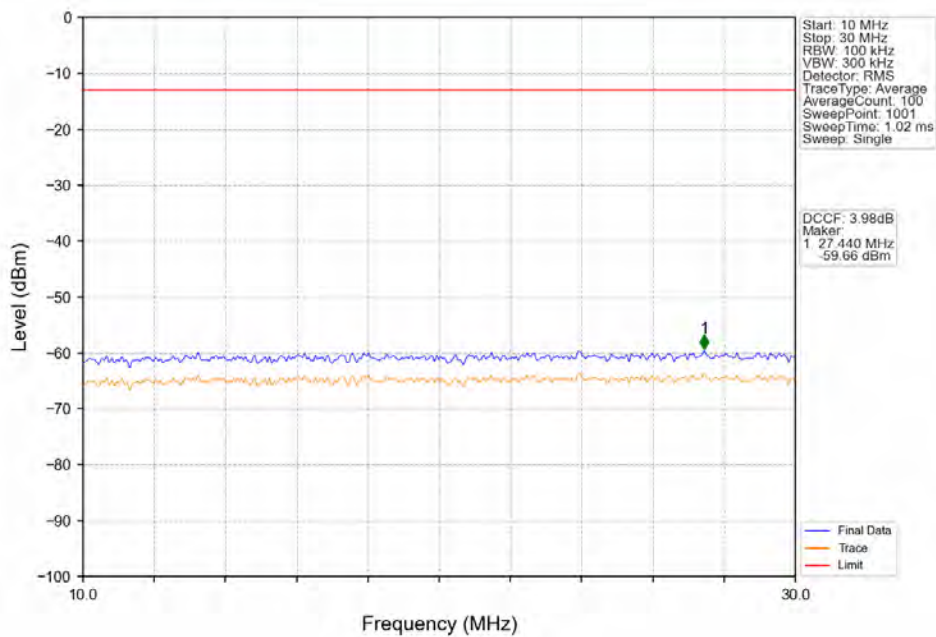
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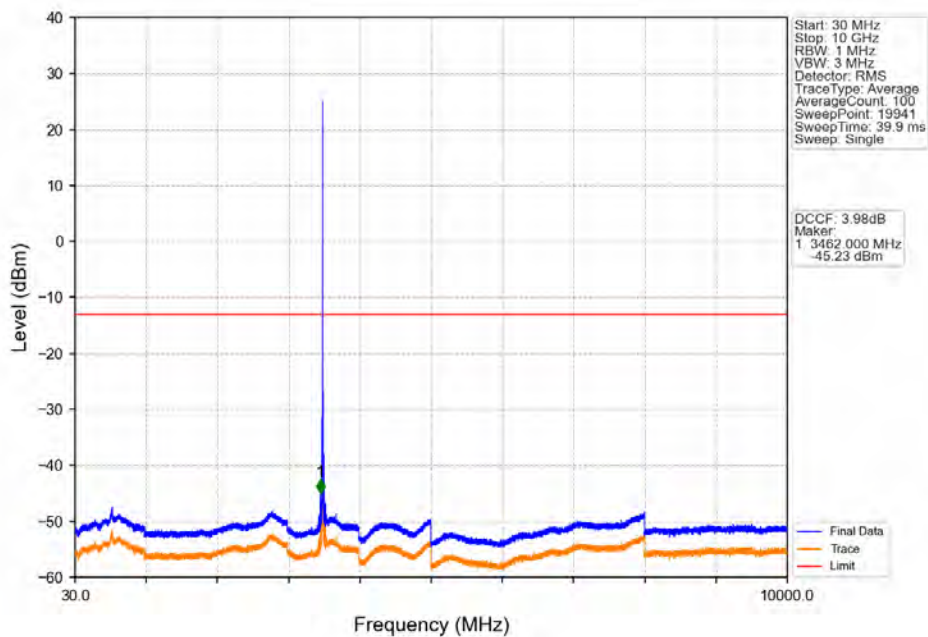
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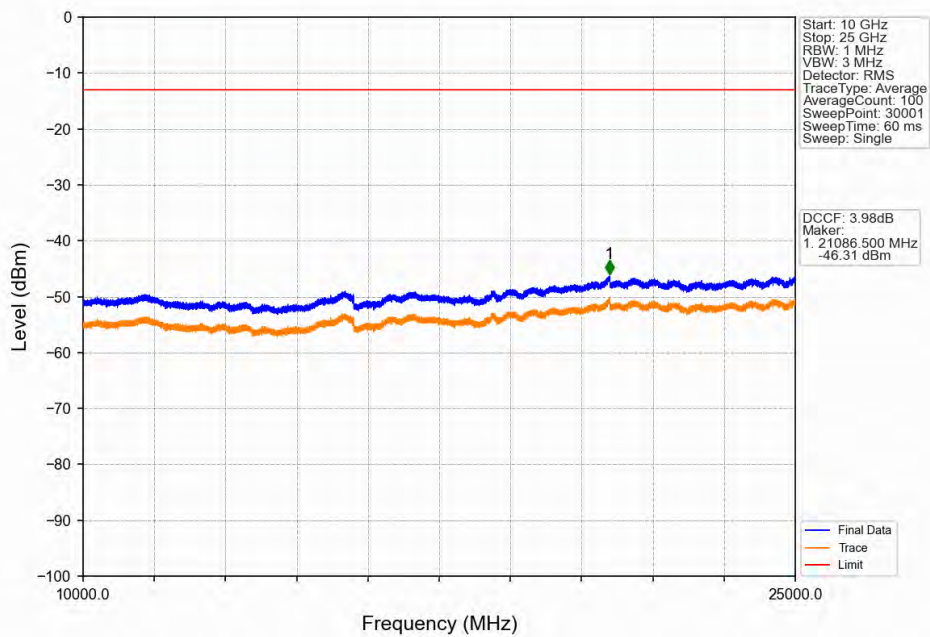
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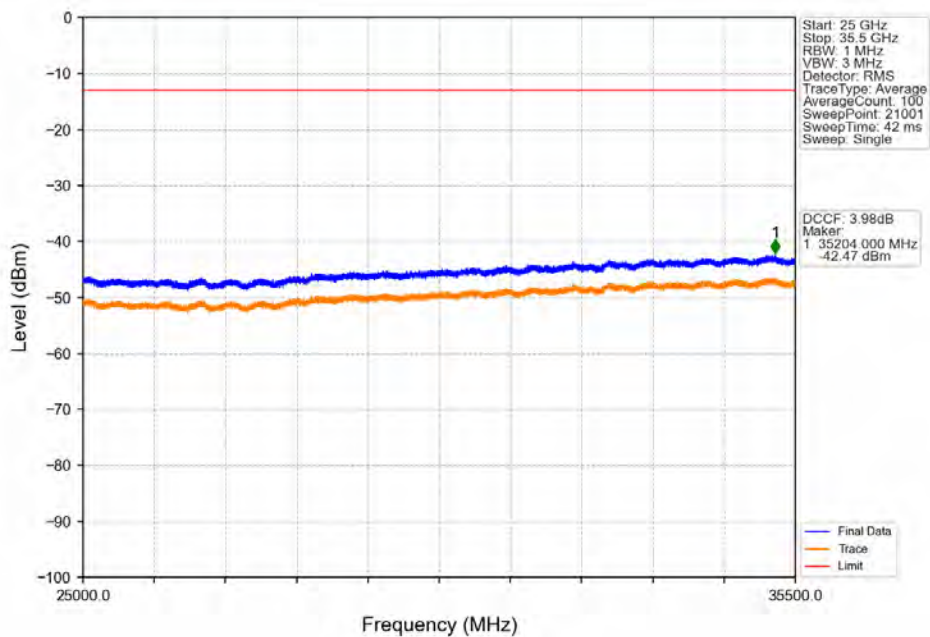
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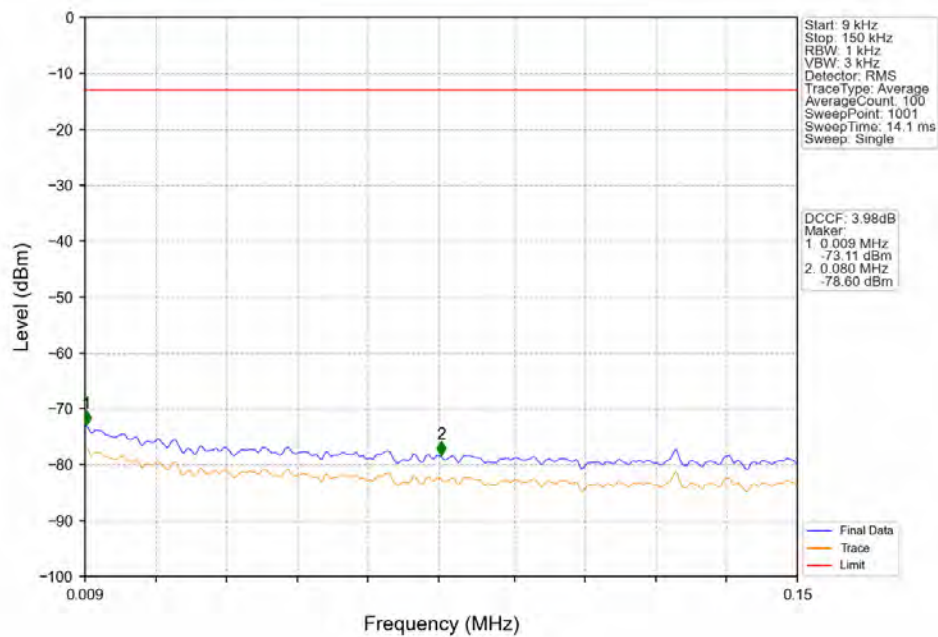
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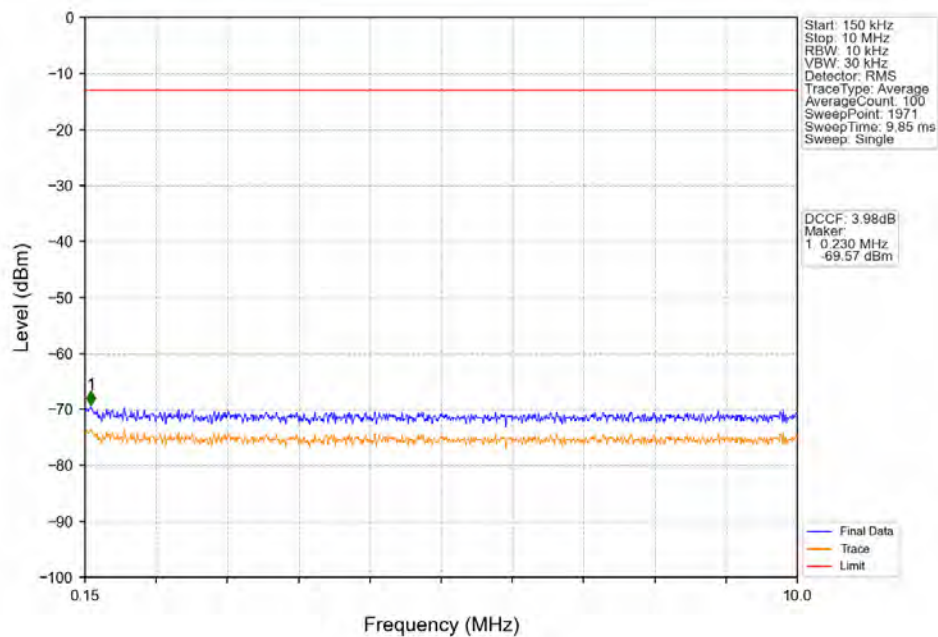
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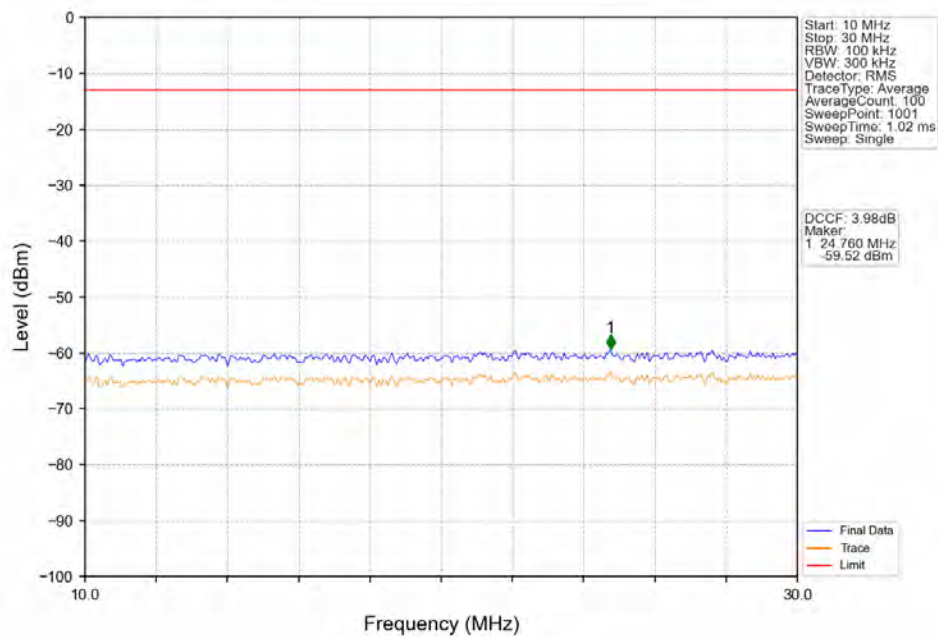
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



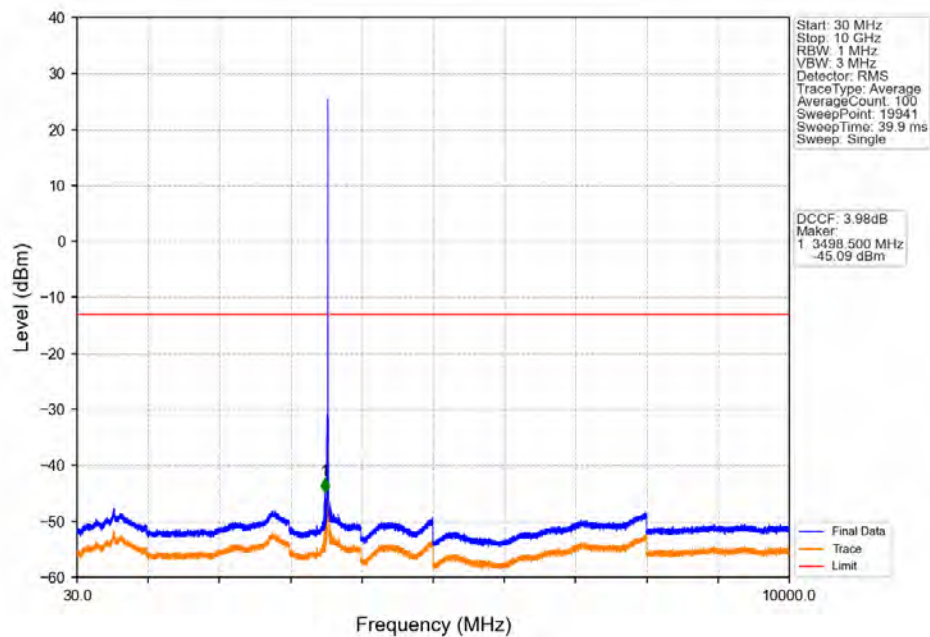
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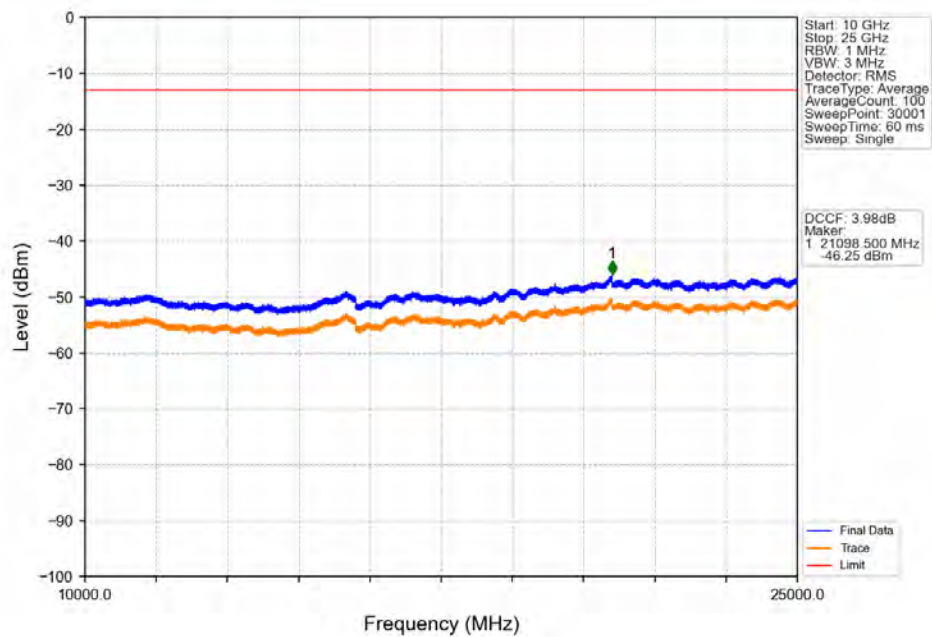
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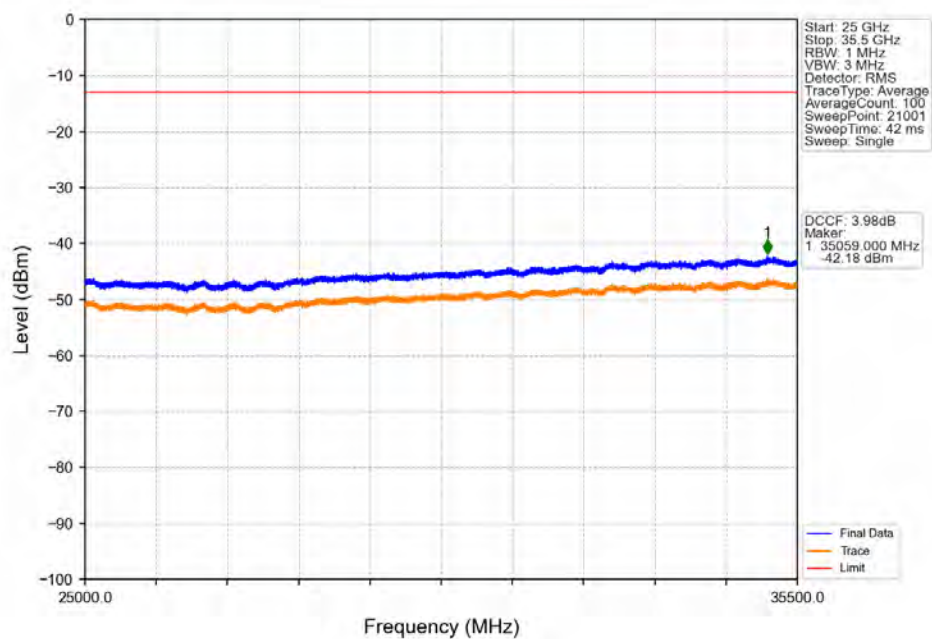
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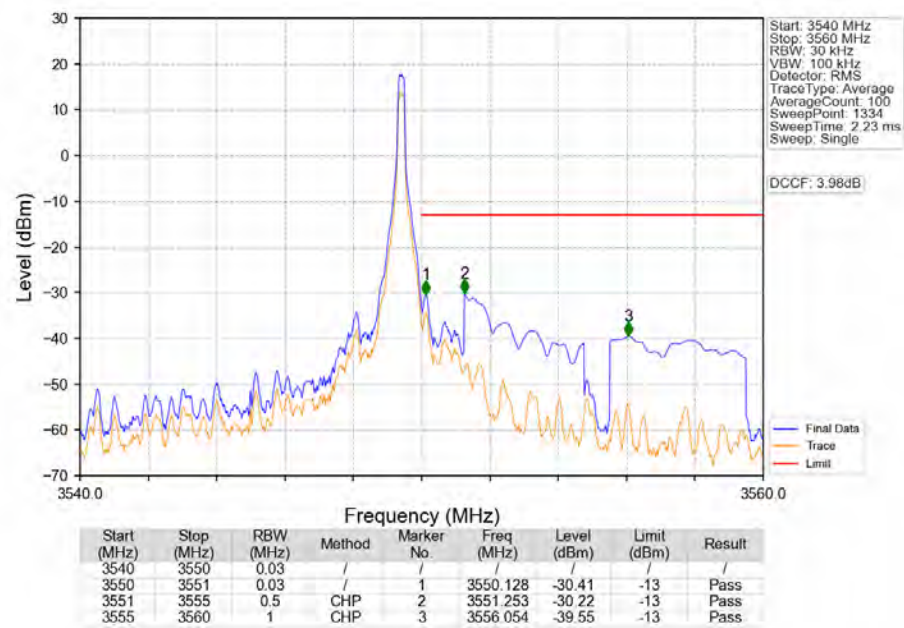
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



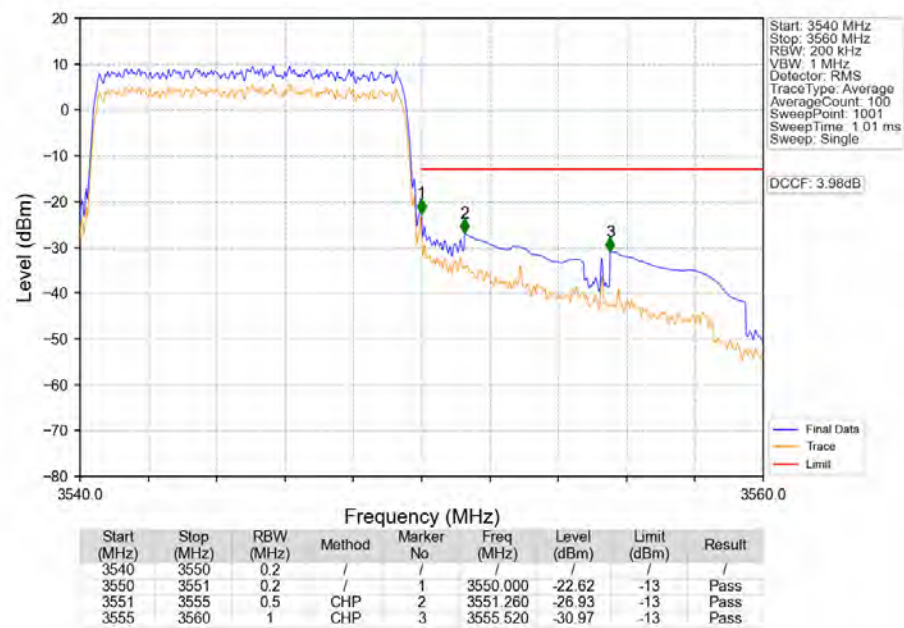
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



Band42a 10MHz QPSK HCH 3545MHz RB 1 49 NTNV

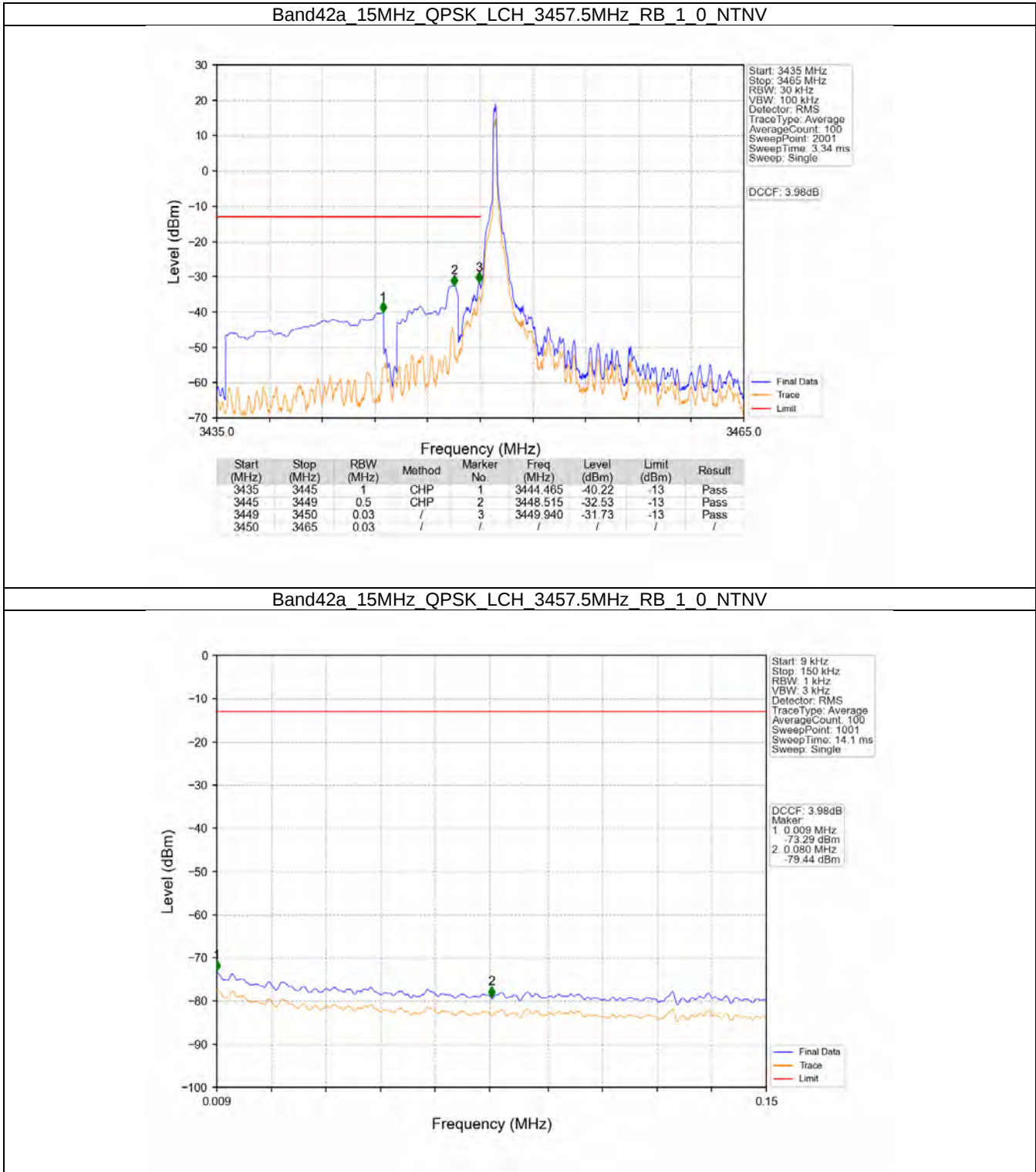


Band42a 10MHz QPSK HCH 3545MHz RB 50 0 NTNV

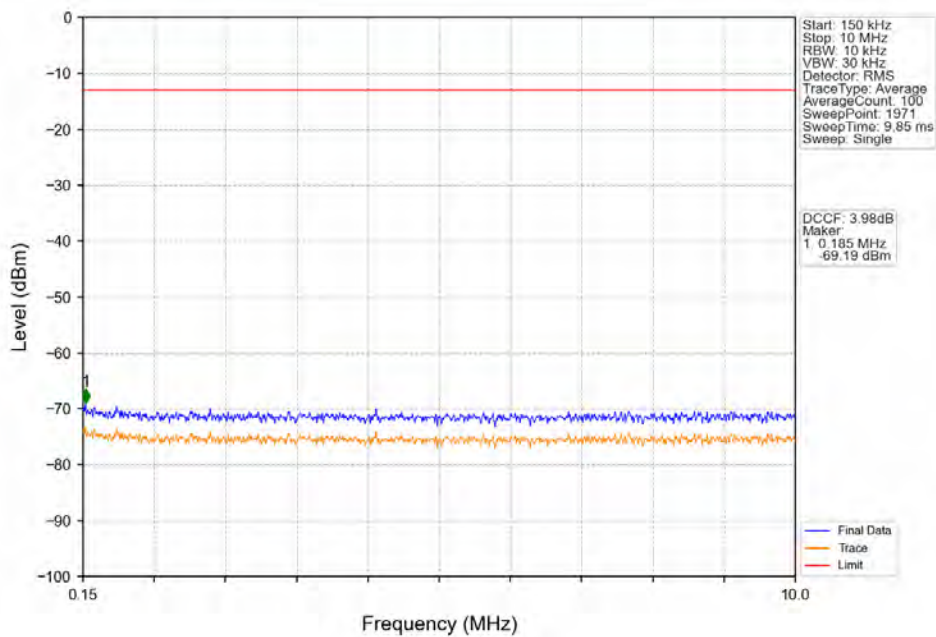


5.3 B42a_15MHz

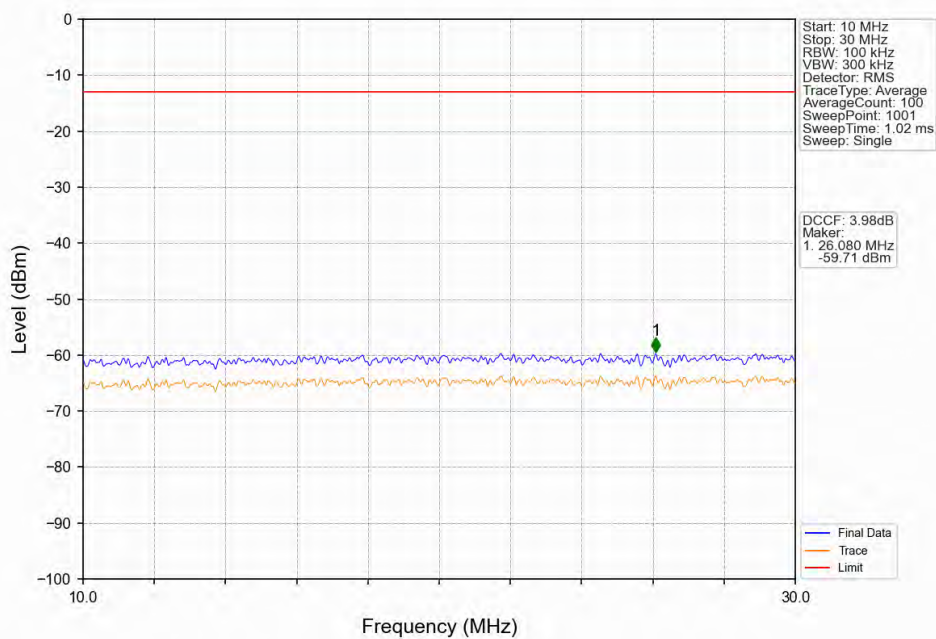
5.3.2 Test Graph



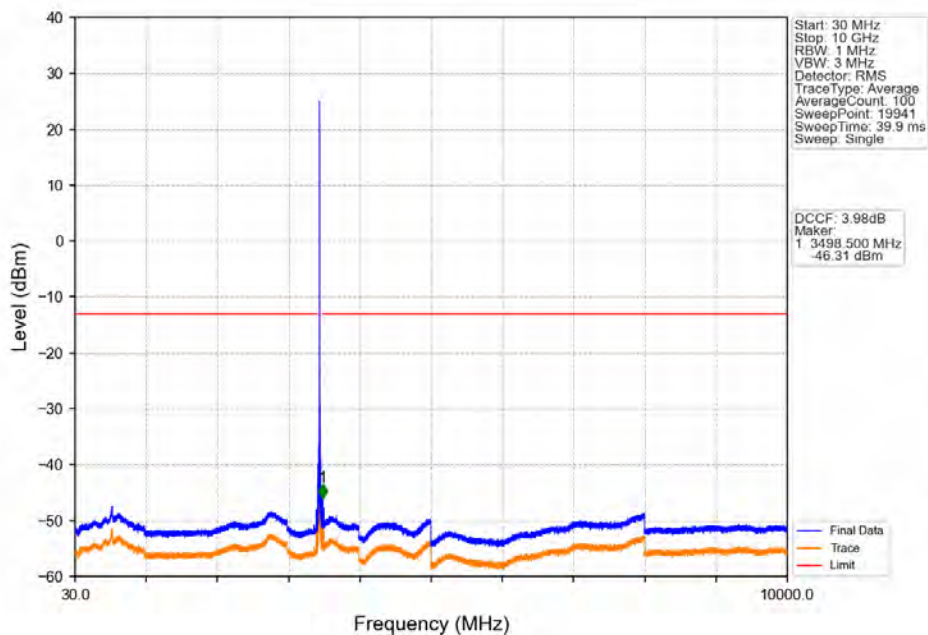
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



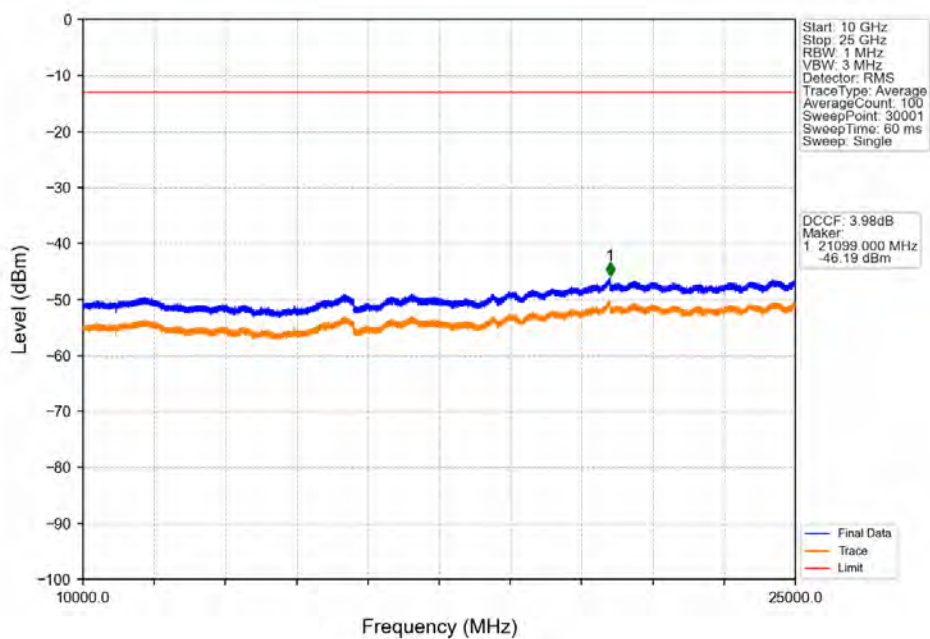
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



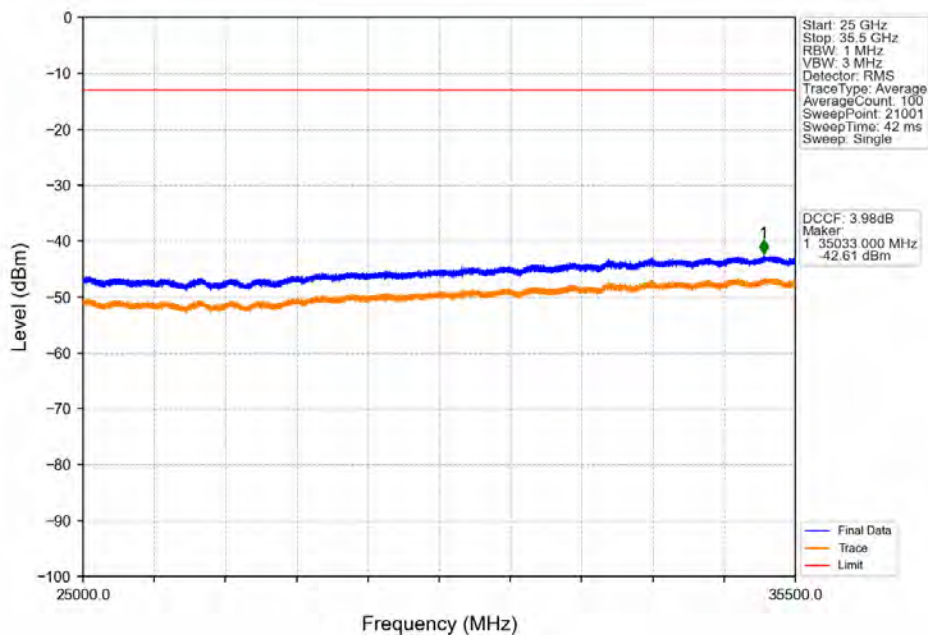
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



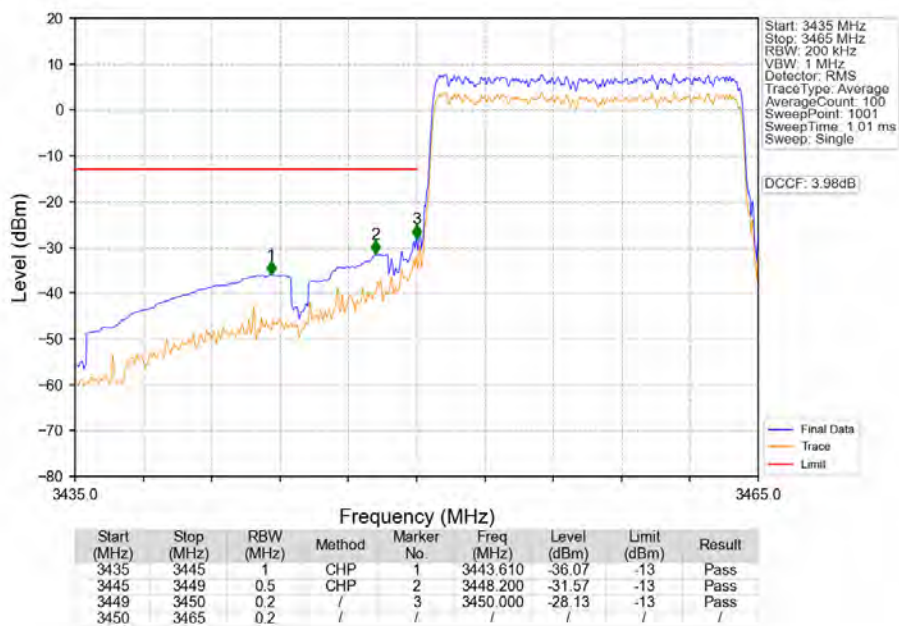
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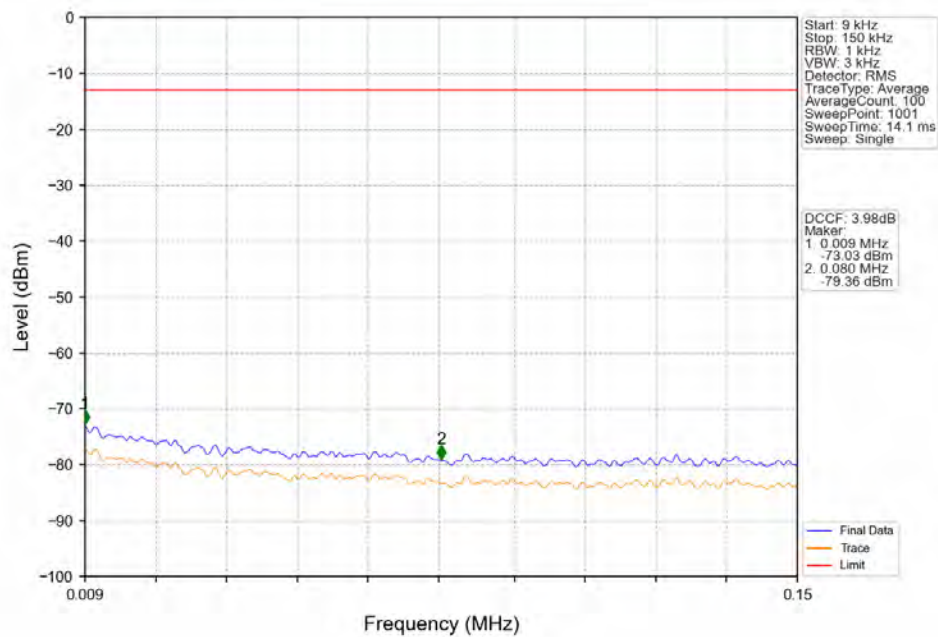
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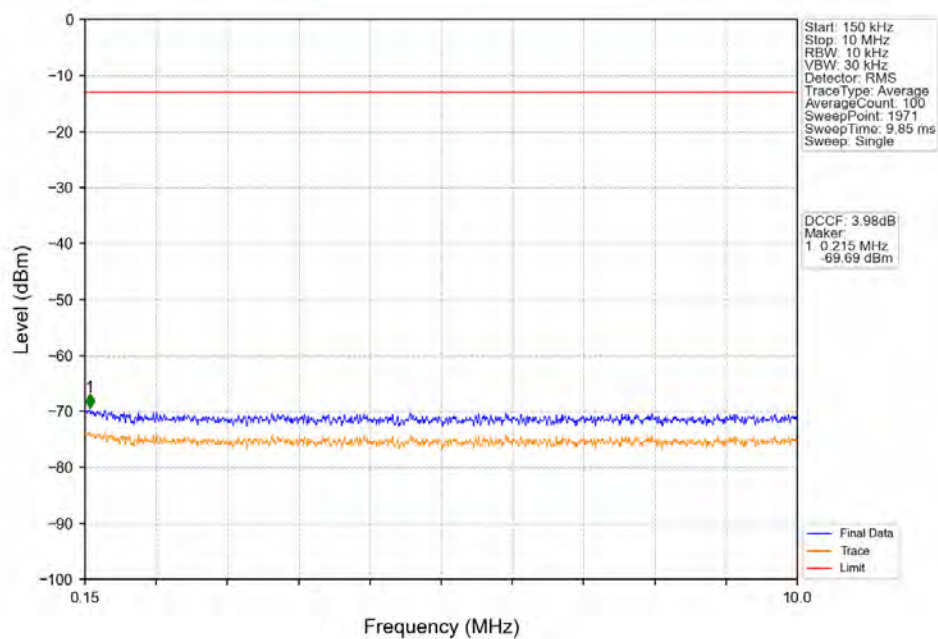
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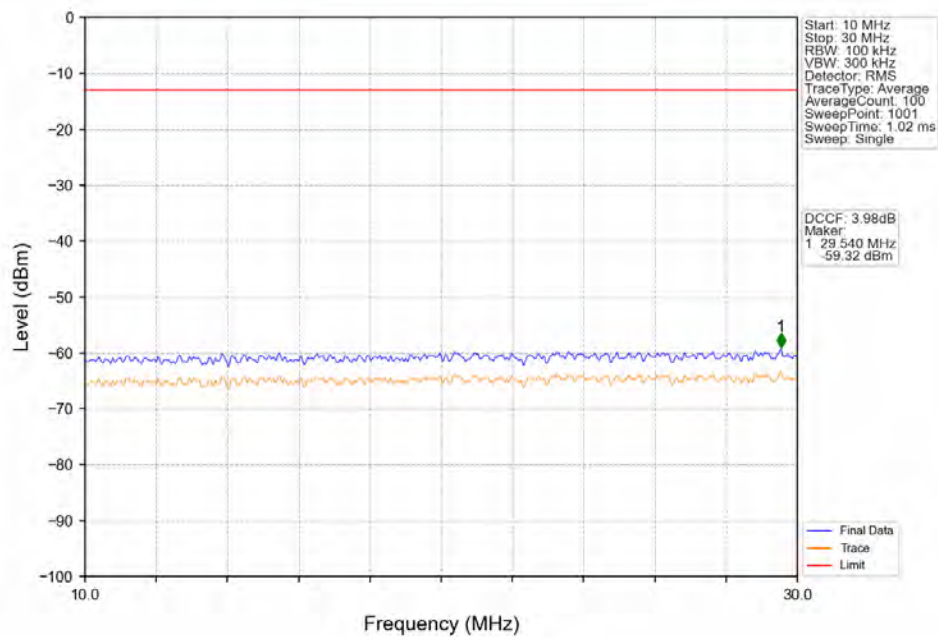
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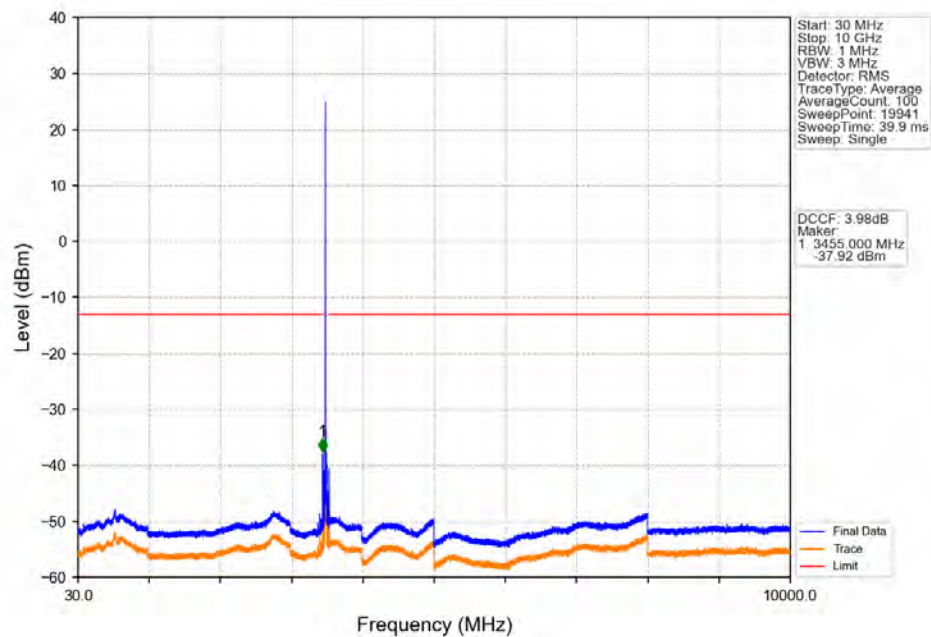
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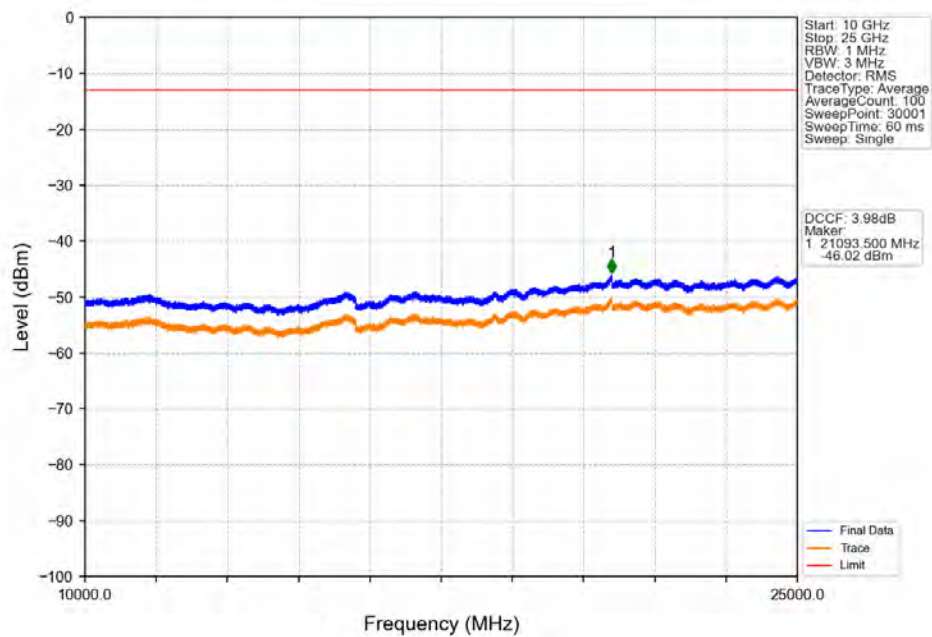
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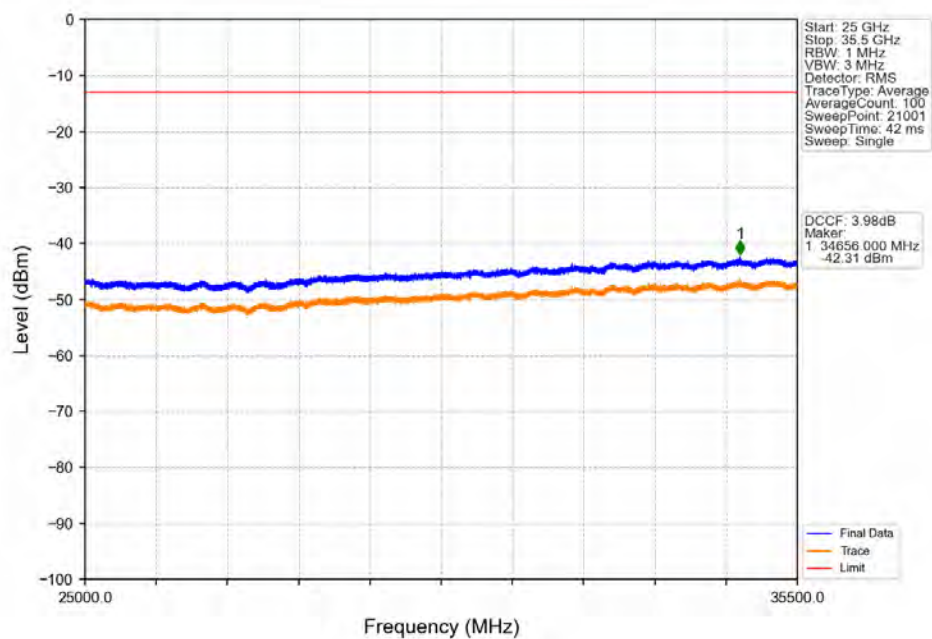
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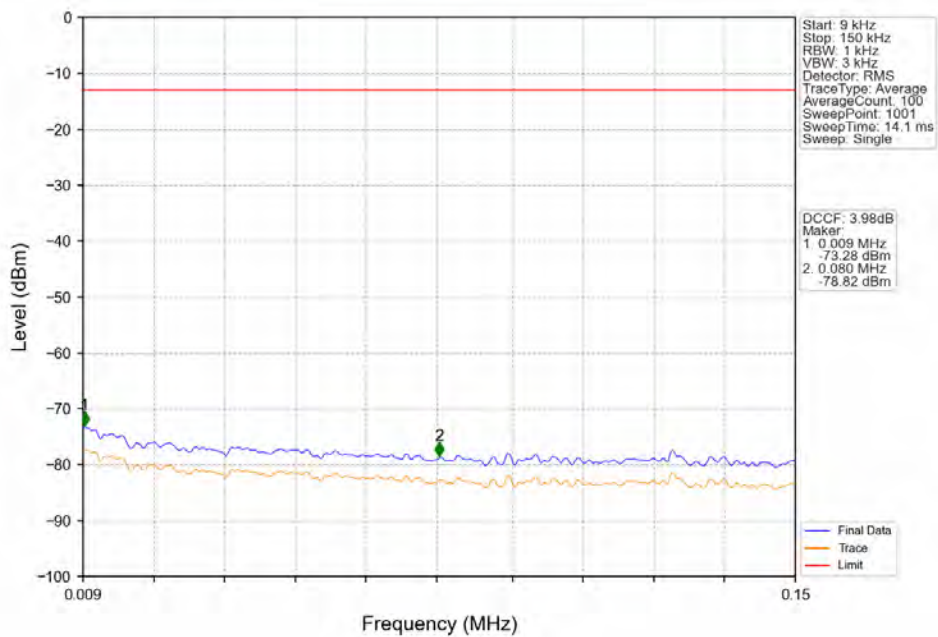
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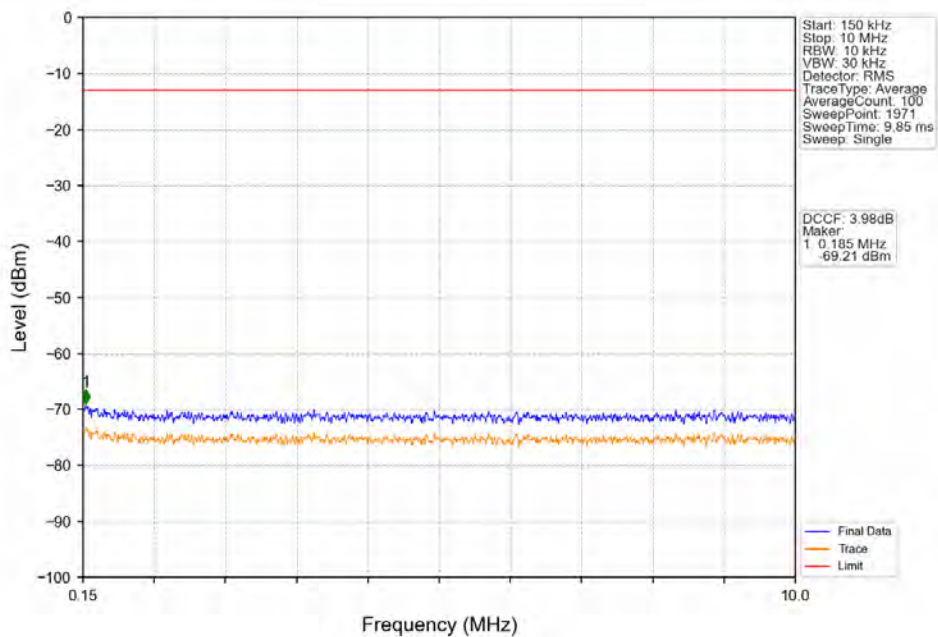
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



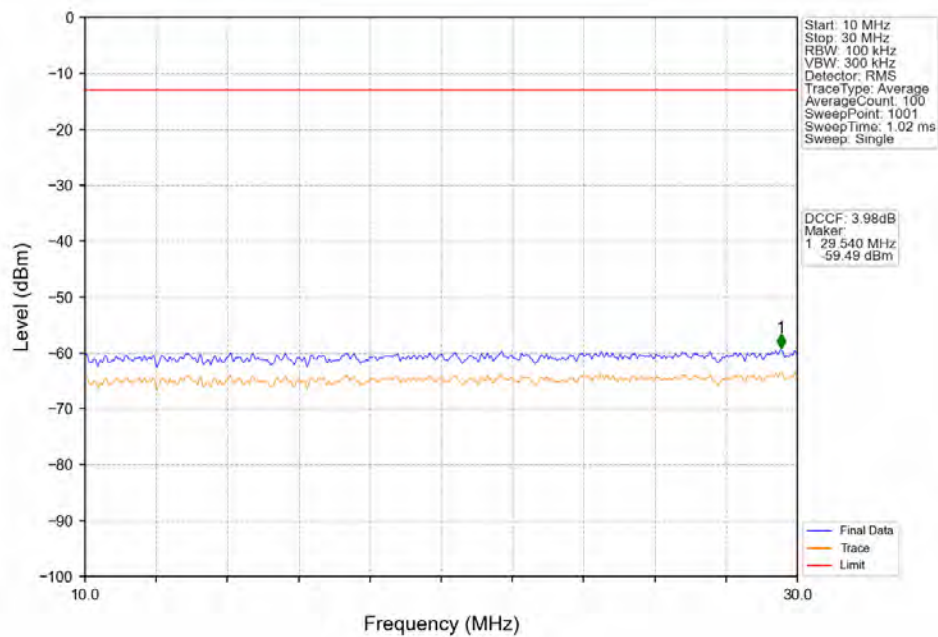
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



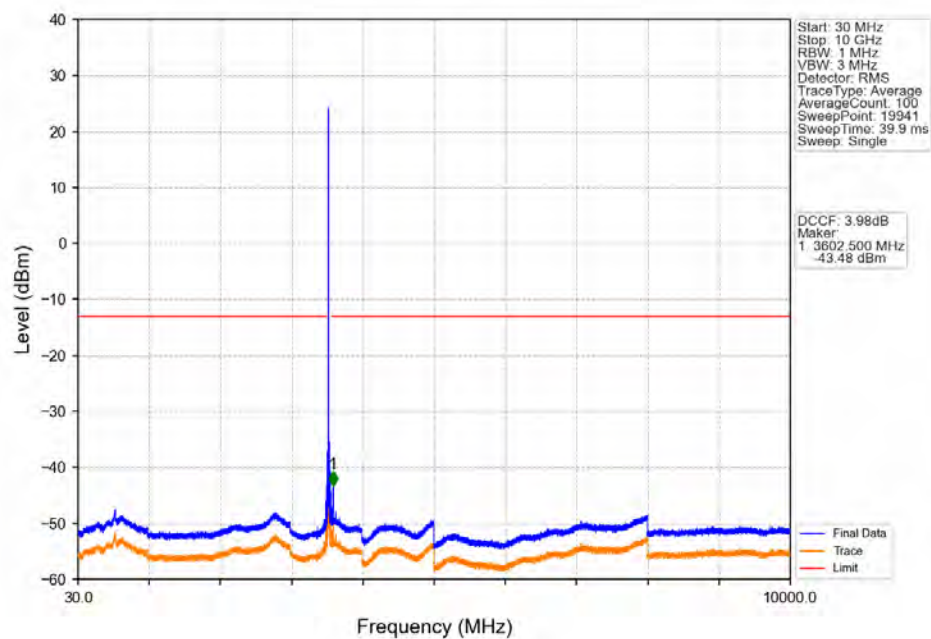
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



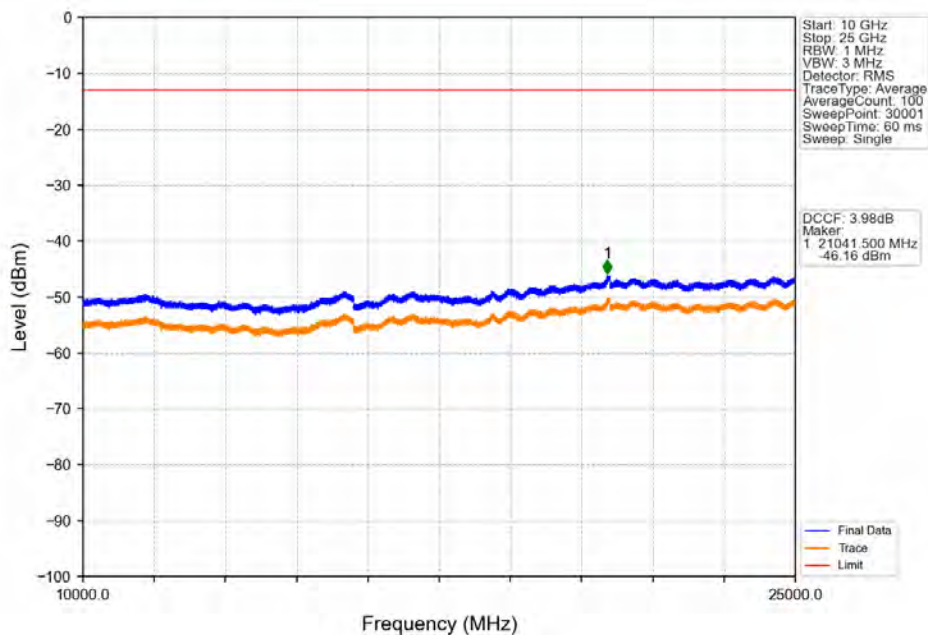
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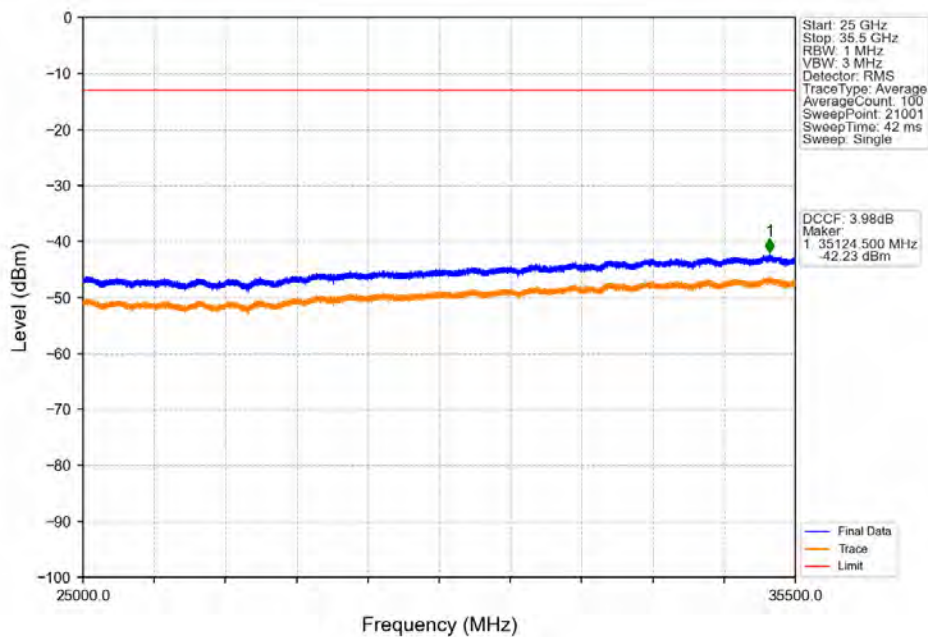
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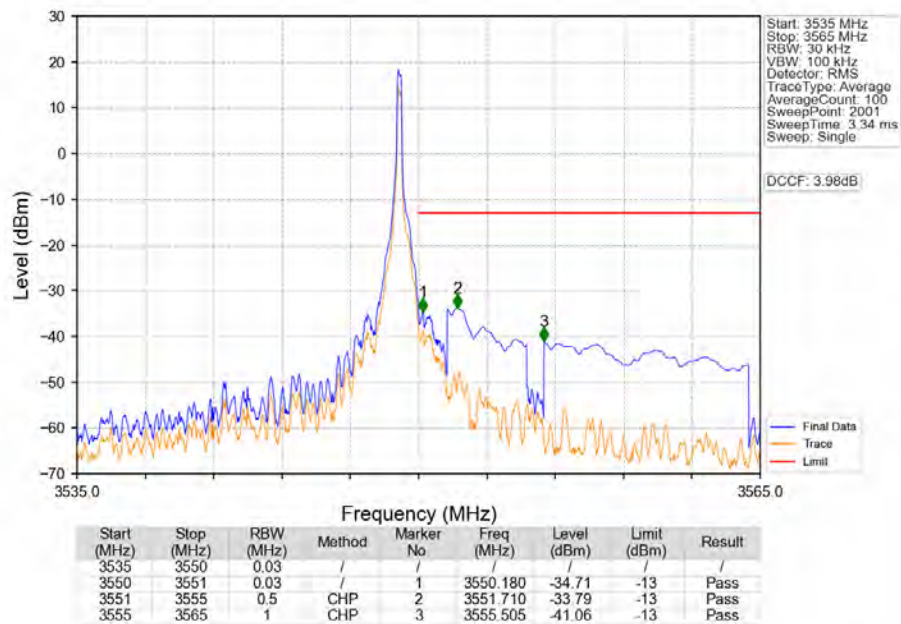
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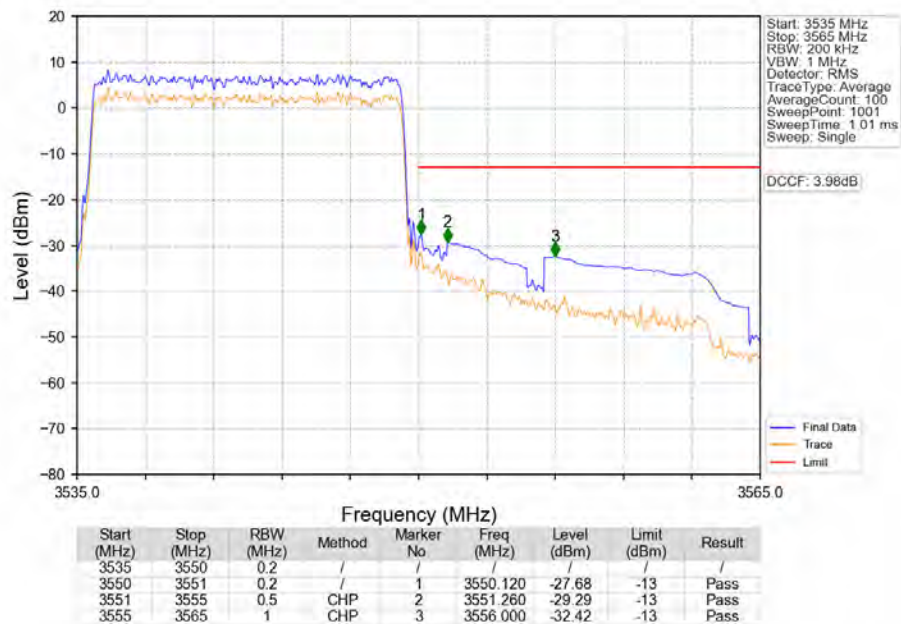
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



Band42a 15MHz QPSK HCH 3542.5MHz RB 1 74 NTV

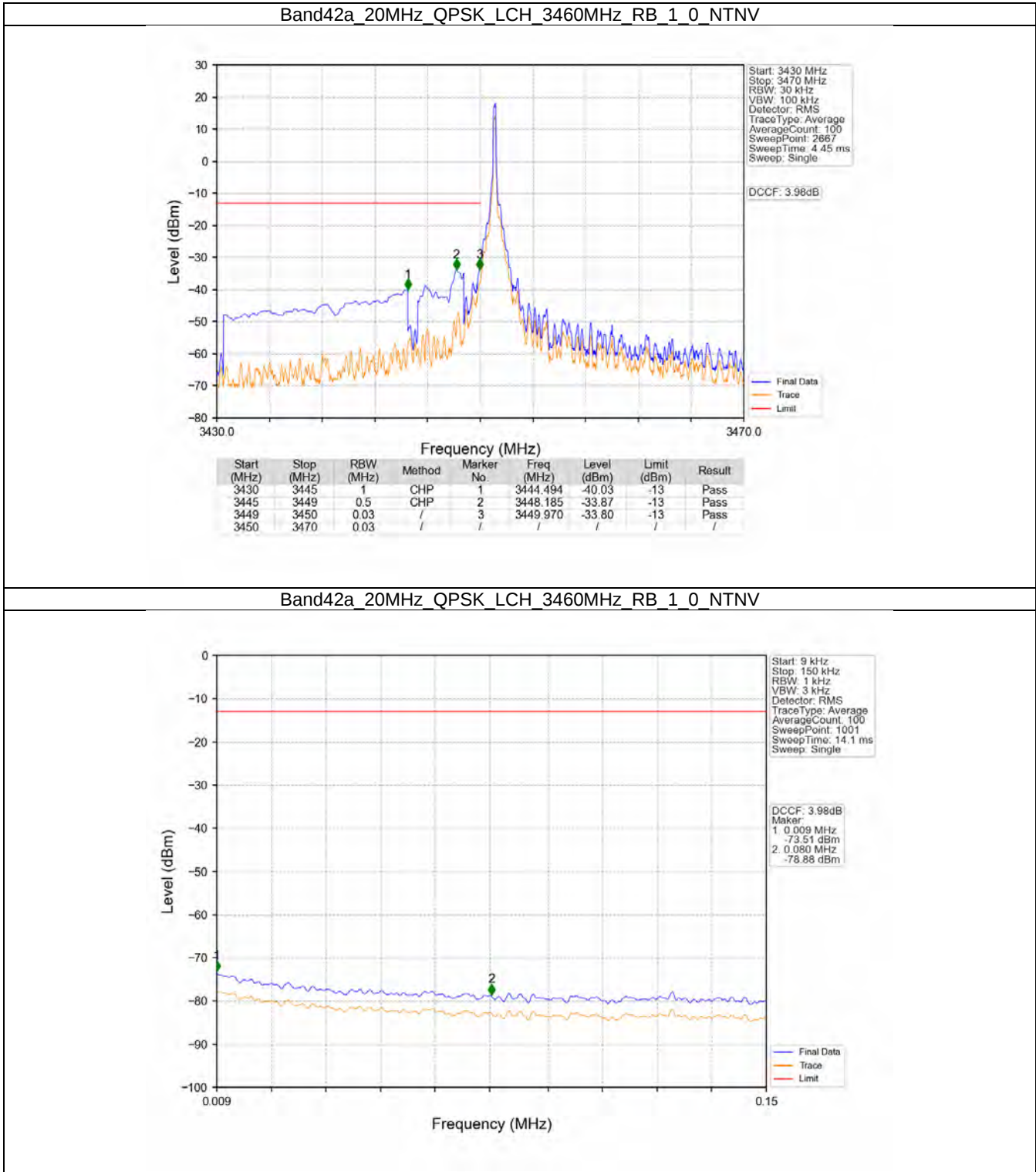


Band42a 15MHz QPSK HCH 3542.5MHz RB 75 0 NTV

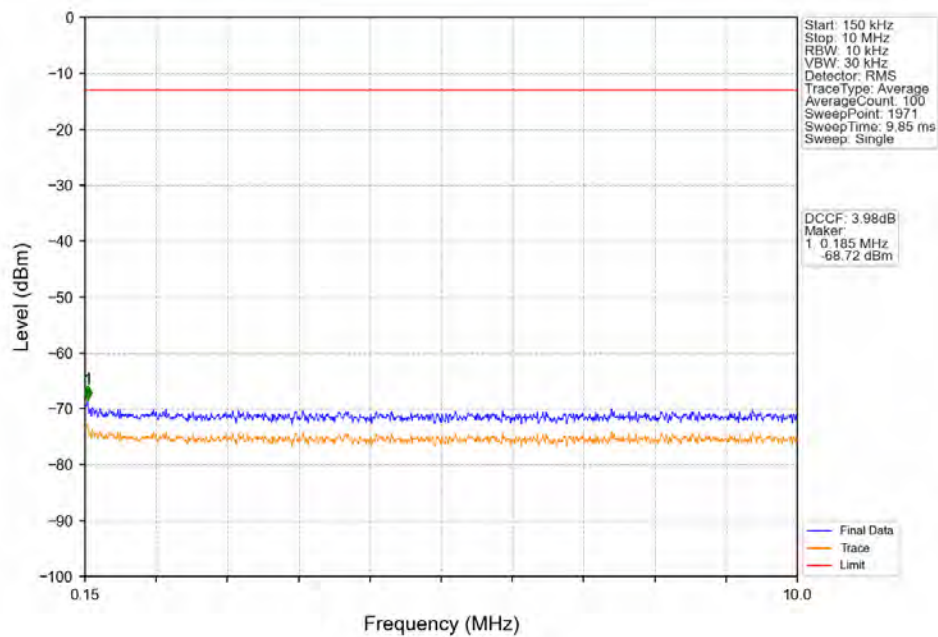


5.4 B42a_20MHz

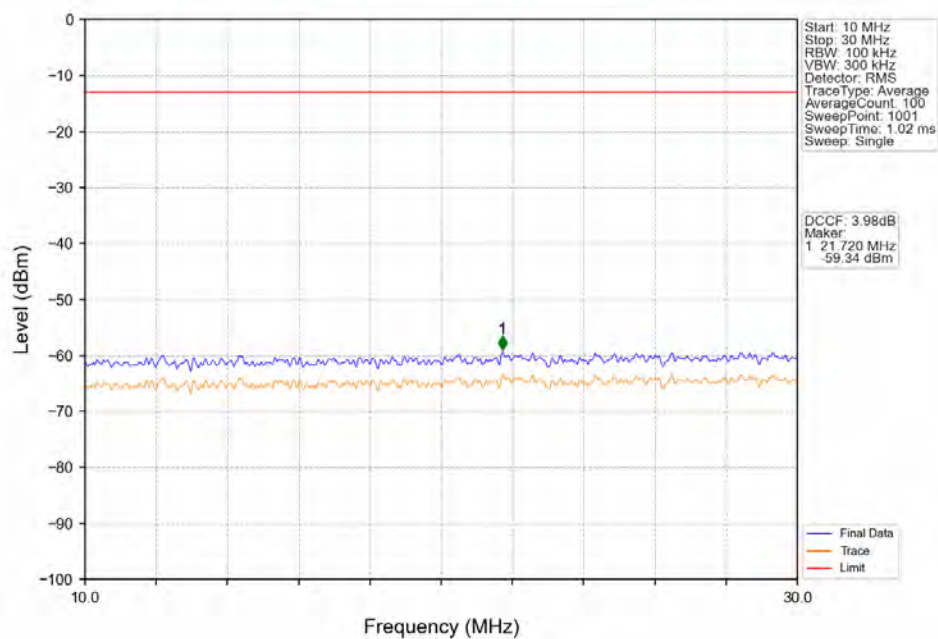
5.4.2 Test Graph



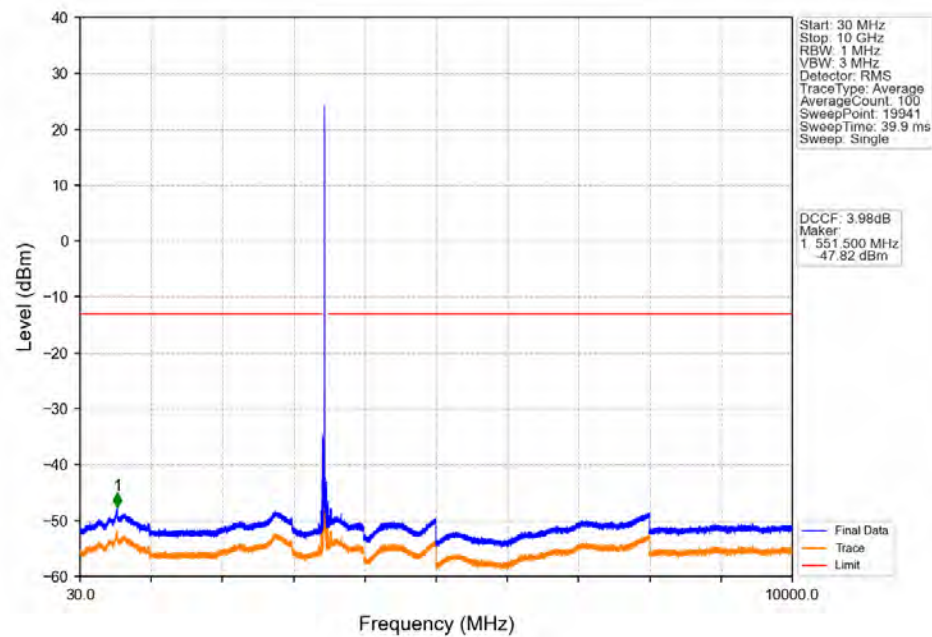
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



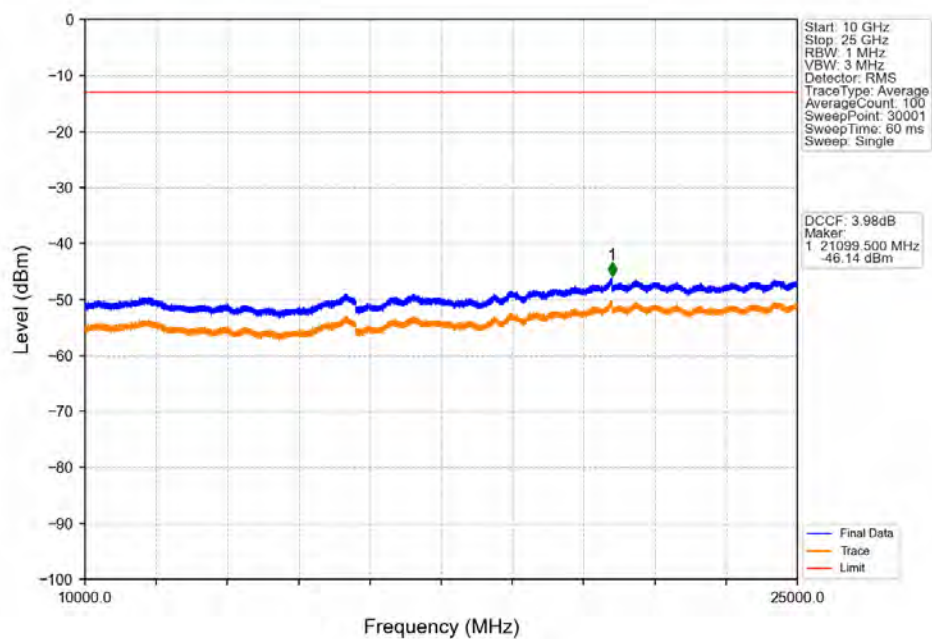
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



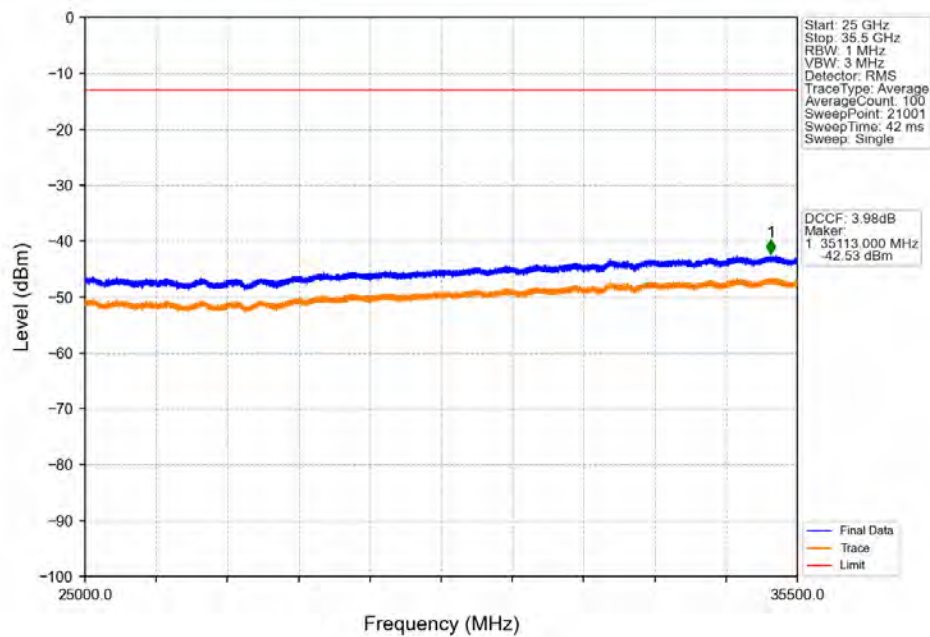
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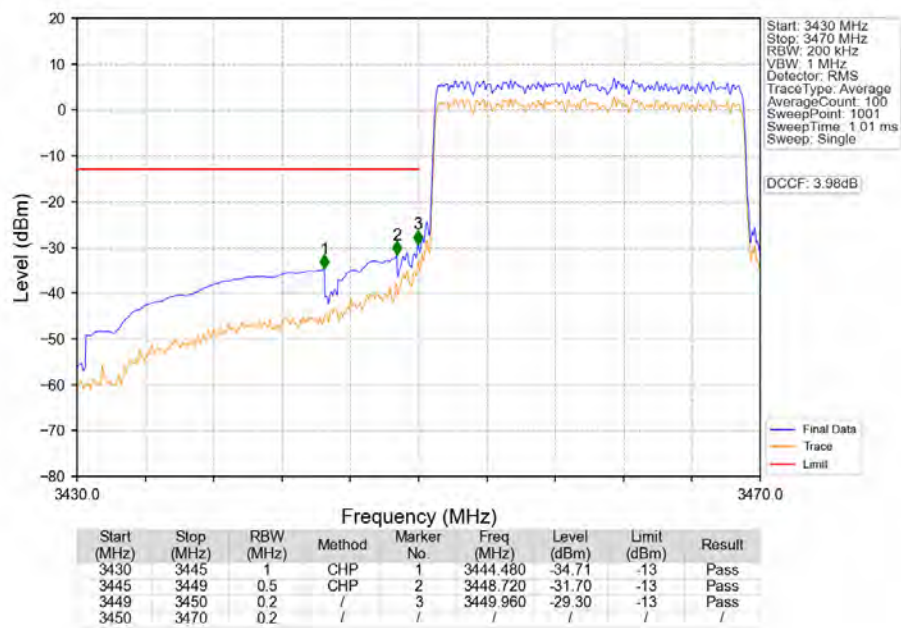
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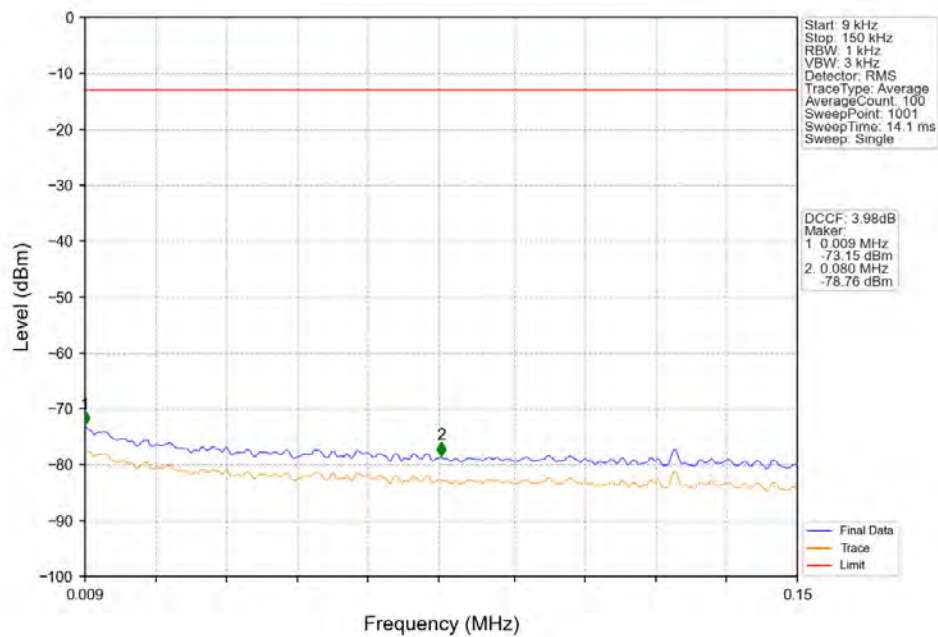
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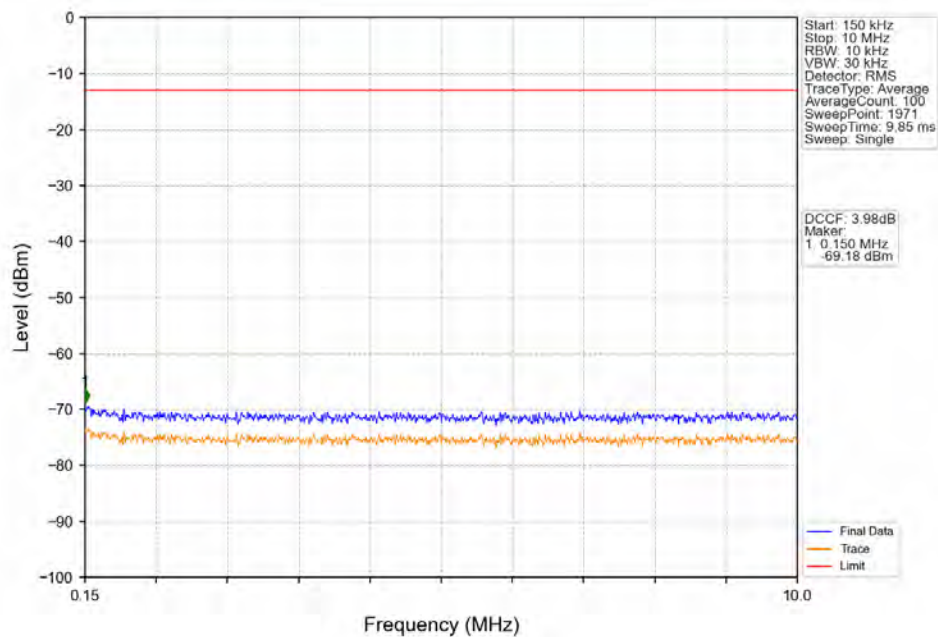
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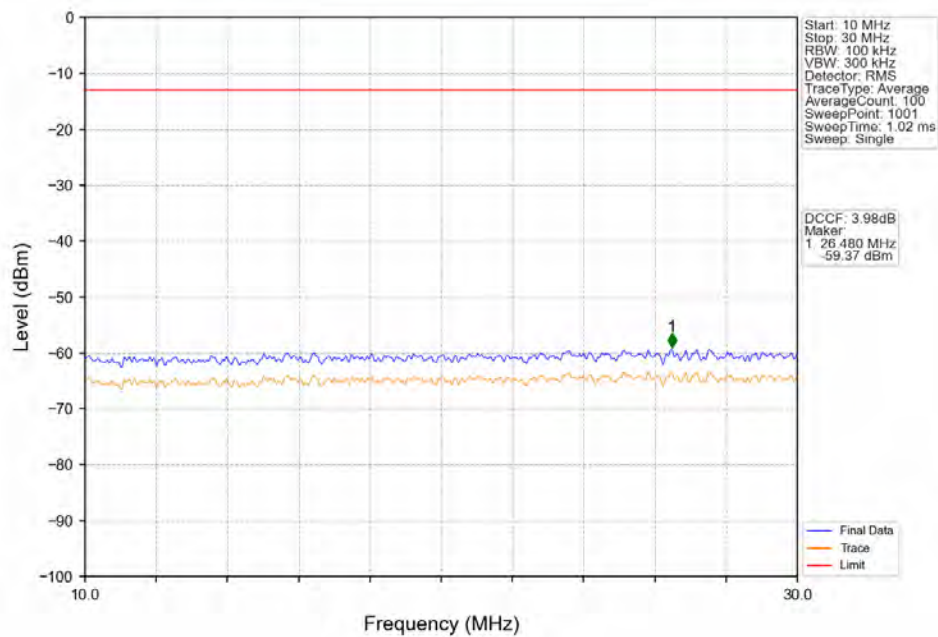
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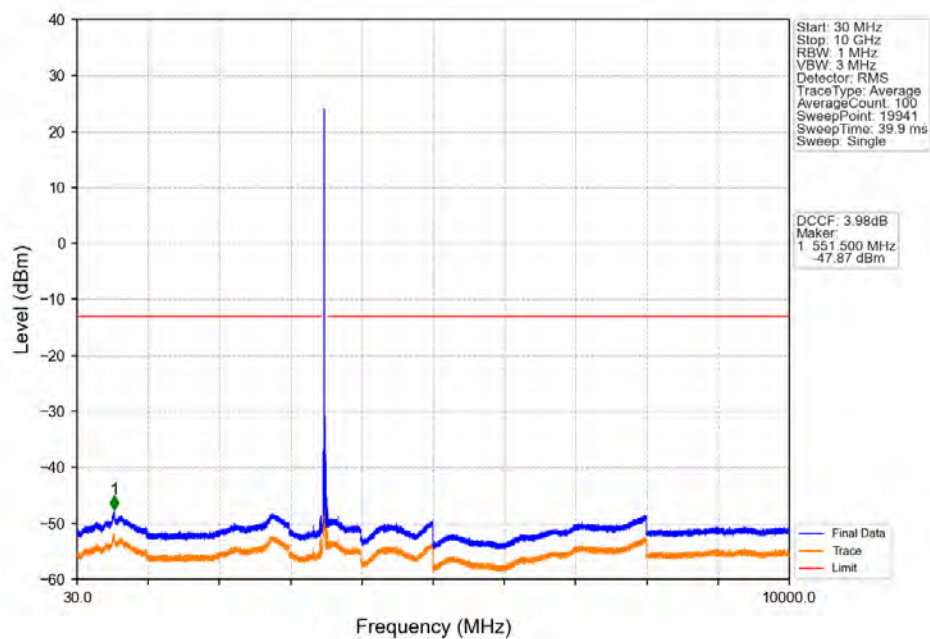
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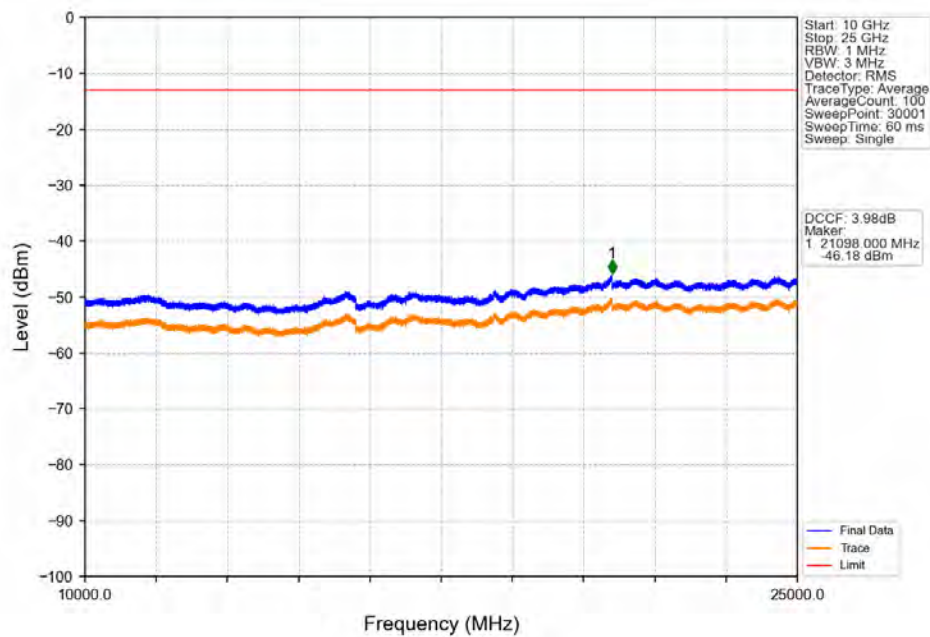
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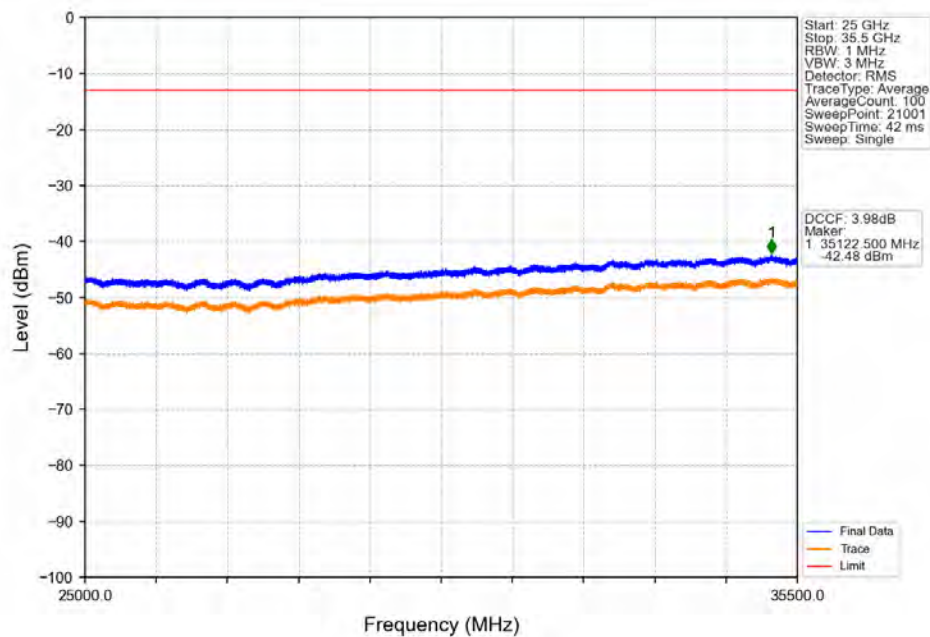
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



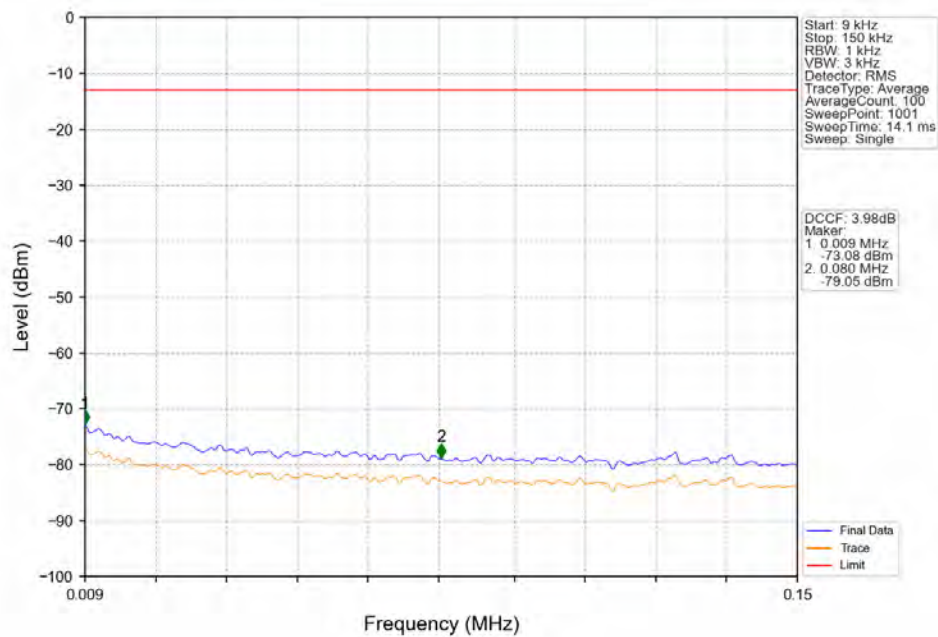
Band42a 20MHz QPSK MCH 3500MHz RB 1 0 NTNV



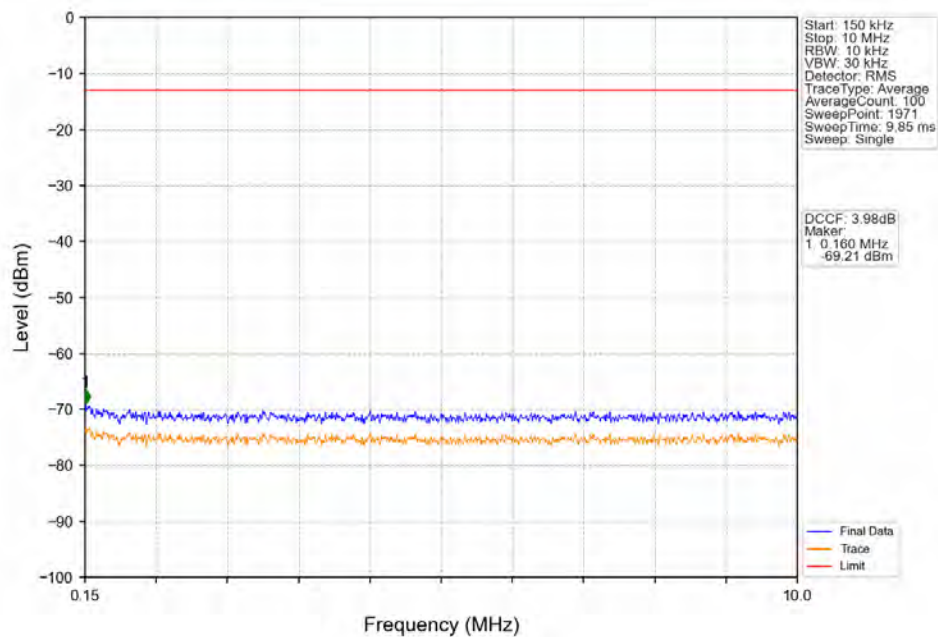
Band42a 20MHz QPSK MCH 3500MHz RB 1 0 NTNV



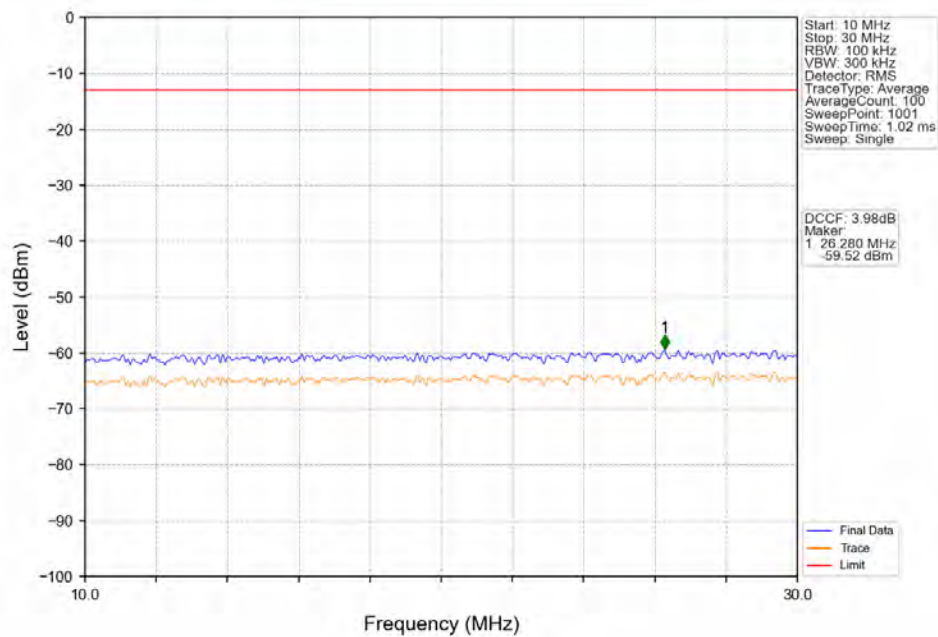
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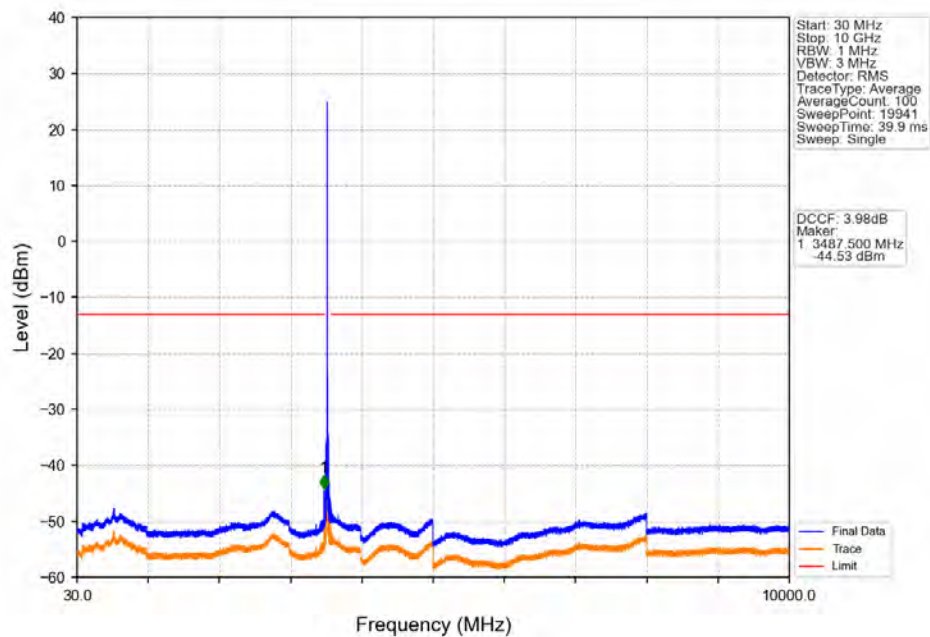
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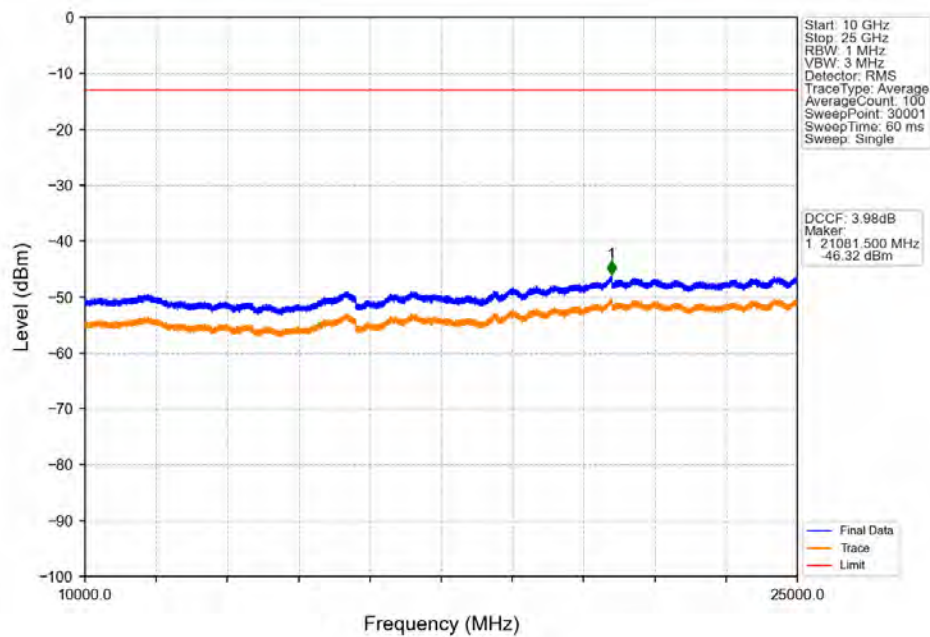
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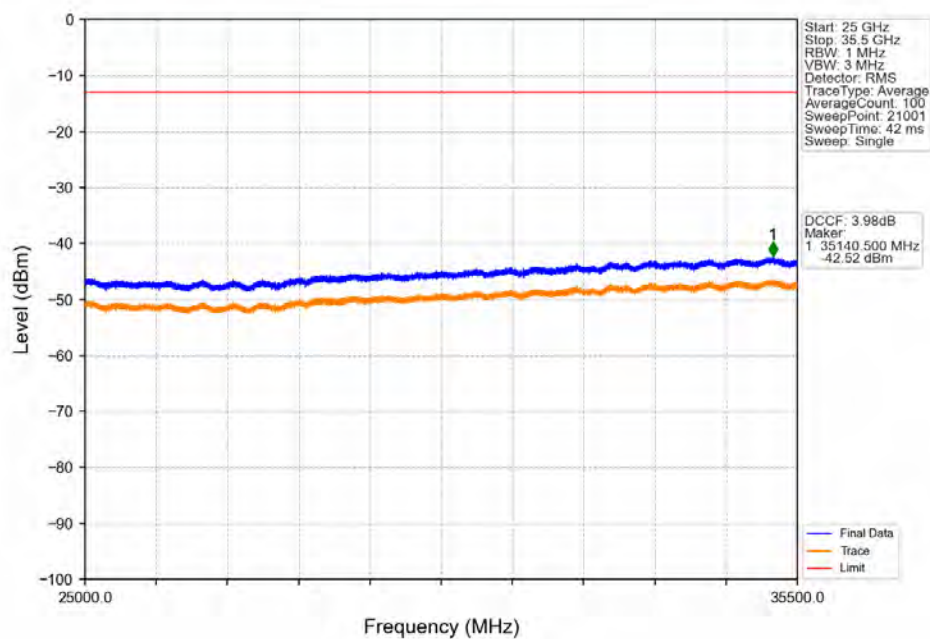
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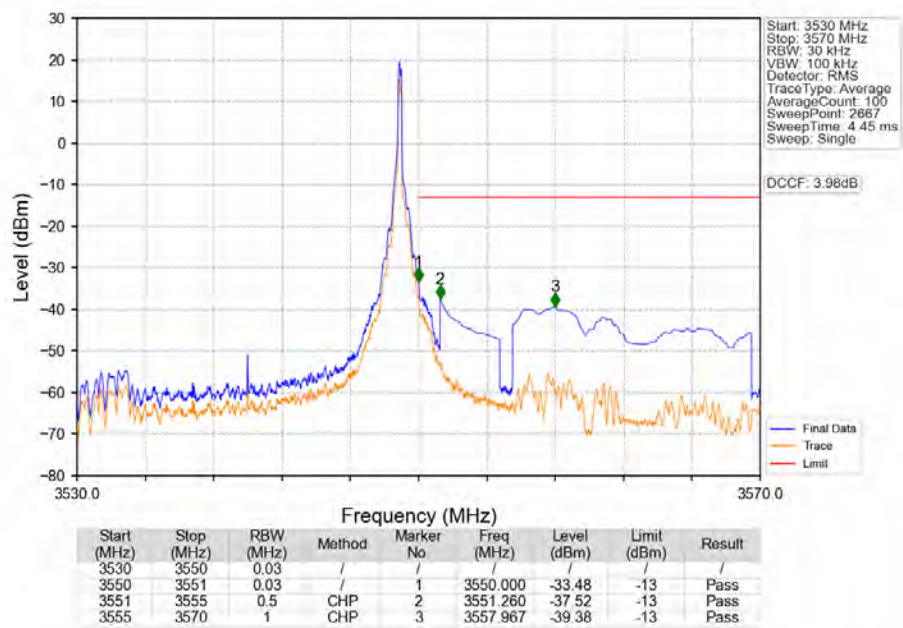
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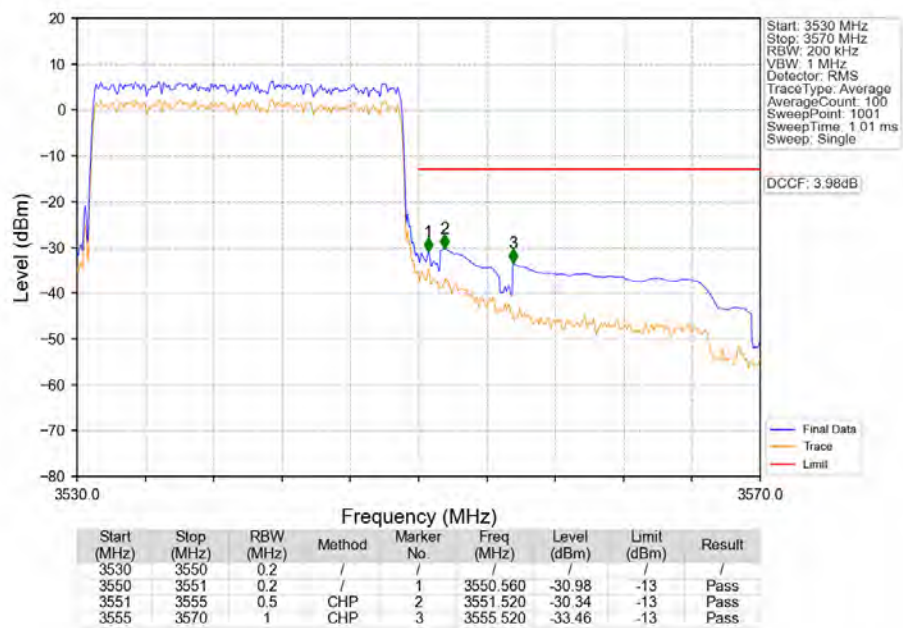
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



Band42a 20MHz QPSK HCH 3540MHz RB 1 99 NTNV



Band42a 20MHz QPSK HCH 3540MHz RB 100 0 NTNV



6. Field Strength of Spurious Radiation

For Sample #1:

Test Band = LTE Band42_ TM1

Test Channel = Low 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6902.5	54.71	-43.88	34.82	-49.60	-13.00	36.60	Horizontal
2	9209.4	38.98	-39.96	36.92	-59.32	-13.00	46.32	Horizontal
3	10150.1	37.87	-38.99	38.52	-57.87	-13.00	44.87	Horizontal
4	12378.8	35.70	-36.92	39.21	-57.26	-13.00	44.26	Horizontal
5	13741.55	34.78	-36.10	40.44	-56.14	-13.00	43.14	Horizontal
6	14991.6	33.06	-34.48	41.59	-55.09	-13.00	42.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6901.925	50.03	-43.88	34.82	-54.29	-13.00	41.29	Vertical
2	8682.125	41.09	-41.26	36.69	-58.74	-13.00	45.74	Vertical
3	9849.95	37.94	-39.13	38.20	-58.25	-13.00	45.25	Vertical
4	11480.075	35.56	-36.71	38.84	-57.57	-13.00	44.57	Vertical
5	13464.975	34.74	-36.45	40.05	-56.92	-13.00	43.92	Vertical
6	14384.4	33.92	-35.20	41.11	-55.43	-13.00	42.43	Vertical

Test Band = LTE Band42_ TM1
Test Channel = Mid 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6982.425	48.85	-43.15	34.97	-54.59	-13.00	41.59	Horizontal
2	8043.875	41.51	-41.78	37.07	-58.46	-13.00	45.46	Horizontal
3	9421.575	40.52	-39.93	37.34	-57.33	-13.00	44.33	Horizontal
4	11185.675	35.91	-36.76	38.69	-57.42	-13.00	44.42	Horizontal
5	12821.55	35.24	-36.67	39.35	-57.35	-13.00	44.35	Horizontal
6	14944.45	33.96	-34.81	41.56	-54.56	-13.00	41.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6982.425	46.63	-43.15	34.97	-56.81	-13.00	43.81	Vertical
2	7600.55	40.14	-42.74	36.54	-61.32	-13.00	48.32	Vertical
3	9887.325	37.77	-39.18	38.27	-58.40	-13.00	45.40	Vertical
4	12773.825	35.16	-36.67	39.33	-57.44	-13.00	44.44	Vertical
5	13960.625	32.61	-35.09	40.74	-57.00	-13.00	44.00	Vertical
6	14946.175	33.32	-34.80	41.56	-55.19	-13.00	42.19	Vertical

Test Band = LTE Band42_ TM1
Test Channel = High 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7062.35	52.85	-43.41	35.17	-50.64	-13.00	37.64	Horizontal
2	8407.85	41.03	-41.40	36.86	-58.78	-13.00	45.78	Horizontal
3	9797.625	38.16	-39.07	38.10	-58.07	-13.00	45.07	Horizontal
4	11442.7	36.48	-37.08	38.82	-57.04	-13.00	44.04	Horizontal
5	13969.825	33.24	-35.02	40.76	-56.28	-13.00	43.28	Horizontal
6	14493.075	33.75	-34.29	41.19	-54.60	-13.00	41.60	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7062.35	46.92	-43.41	35.17	-56.57	-13.00	43.57	Vertical
2	8028.925	41.26	-41.90	37.08	-58.82	-13.00	45.82	Vertical
3	9794.175	37.89	-39.08	38.09	-58.37	-13.00	45.37	Vertical
4	11470.875	35.40	-36.80	38.84	-57.83	-13.00	44.83	Vertical
5	12721.5	35.73	-36.78	39.32	-57.00	-13.00	44.00	Vertical
6	14898.45	33.39	-35.13	41.52	-55.48	-13.00	42.48	Vertical

For Sample #2:

Test Band = LTE Band42_ TM1
Test Channel = Low3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7543.625	41.75	-42.98	36.46	-60.03	-13.00	47.03	Horizontal
2	9393.4	40.84	-39.93	37.29	-57.06	-13.00	44.06	Horizontal
3	10658.4	36.69	-37.71	38.57	-57.71	-13.00	44.71	Horizontal
4	12801.425	35.45	-36.62	39.34	-57.09	-13.00	44.09	Horizontal
5	14118.175	32.72	-35.92	40.89	-57.56	-13.00	44.56	Horizontal
6	14943.3	33.42	-34.82	41.55	-55.11	-13.00	42.11	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7937.5	42.20	-42.51	37.01	-58.56	-13.00	45.56	Vertical
2	9468.725	39.90	-39.95	37.44	-57.87	-13.00	44.87	Vertical
3	11390.375	35.85	-37.48	38.80	-58.10	-13.00	45.10	Vertical
4	12980.825	35.37	-37.22	39.39	-57.71	-13.00	44.71	Vertical
5	14941.575	33.29	-34.83	41.55	-55.25	-13.00	42.25	Vertical
6	16296.85	32.53	-34.44	40.27	-56.90	-13.00	43.90	Vertical

Test Band = LTE Band42_ TM1
Test Channel = Mid3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7285.45	41.86	-43.37	35.80	-60.97	-13.00	47.97	Horizontal
2	8800.575	41.12	-41.14	36.62	-58.66	-13.00	45.66	Horizontal
3	9855.125	37.93	-39.14	38.21	-58.26	-13.00	45.26	Horizontal
4	12417.9	35.67	-36.98	39.23	-57.35	-13.00	44.35	Horizontal
5	13964.65	33.05	-35.06	40.75	-56.52	-13.00	43.52	Horizontal
6	15729.325	31.87	-33.20	40.07	-56.52	-13.00	43.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7537.3	41.28	-43.01	36.45	-60.54	-13.00	47.54	Vertical
2	8813.225	41.48	-41.11	36.61	-58.28	-13.00	45.28	Vertical
3	10491.075	36.79	-38.76	38.55	-58.68	-13.00	45.68	Vertical
4	11560	36.02	-36.79	38.88	-57.15	-13.00	44.15	Vertical
5	13122.275	34.93	-36.60	39.57	-57.36	-13.00	44.36	Vertical
6	14518.375	33.12	-34.44	41.21	-55.36	-13.00	42.36	Vertical

Test Band = LTE Band42_ TM1
Test Channel = High3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7195.175	42.68	-43.61	35.55	-60.65	-13.00	47.65	Horizontal
2	8380.825	41.17	-41.47	36.87	-58.68	-13.00	45.68	Horizontal
3	9717.125	37.84	-39.41	37.93	-58.89	-13.00	45.89	Horizontal
4	11247.775	36.17	-36.90	38.72	-57.27	-13.00	44.27	Horizontal
5	12527.725	35.72	-37.02	39.26	-57.30	-13.00	44.30	Horizontal
6	13496.025	35.34	-36.63	40.09	-56.45	-13.00	43.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7564.9	41.58	-42.89	36.49	-60.08	-13.00	47.08	Vertical
2	8925.35	40.35	-40.90	36.54	-59.27	-13.00	46.27	Vertical
3	10320.3	36.70	-38.92	38.53	-58.95	-13.00	45.95	Vertical
4	11718.125	34.39	-36.29	38.96	-58.20	-13.00	45.20	Vertical
5	14003.175	32.42	-34.82	40.80	-56.86	-13.00	43.86	Vertical
6	14850.15	33.05	-35.07	41.48	-55.80	-13.00	42.80	Vertical