

Appendix B LTE Band 42

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42_5MHz_EIRP

Band: 42 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3402.5	1	0	23.39	-0.60	22.79	<=30	Pass
			13	23.37	-0.60	22.77	<=30	Pass
			24	23.38	-0.60	22.78	<=30	Pass
		12	0	22.43	-0.60	21.83	<=30	Pass
			6	22.37	-0.60	21.77	<=30	Pass
			13	22.32	-0.60	21.72	<=30	Pass
		25	0	22.31	-0.60	21.71	<=30	Pass
	3500	1	0	22.76	-0.60	22.16	<=30	Pass
			13	22.74	-0.60	22.14	<=30	Pass
			24	22.64	-0.60	22.04	<=30	Pass
		12	0	21.76	-0.60	21.16	<=30	Pass
			6	21.75	-0.60	21.15	<=30	Pass
			13	21.69	-0.60	21.09	<=30	Pass
		25	0	21.70	-0.60	21.10	<=30	Pass
	3597.5	1	0	22.82	-0.60	22.22	<=30	Pass
			13	22.69	-0.60	22.09	<=30	Pass
			24	22.71	-0.60	22.11	<=30	Pass
		12	0	21.66	-0.60	21.06	<=30	Pass
			6	21.77	-0.60	21.17	<=30	Pass
			13	21.72	-0.60	21.12	<=30	Pass
		25	0	21.64	-0.60	21.04	<=30	Pass
16QAM	3402.5	1	0	22.40	-0.60	21.80	<=30	Pass
			13	22.53	-0.60	21.93	<=30	Pass
			24	22.39	-0.60	21.79	<=30	Pass
		12	0	21.43	-0.60	20.83	<=30	Pass
			6	21.38	-0.60	20.78	<=30	Pass
			13	21.29	-0.60	20.69	<=30	Pass
		25	0	21.31	-0.60	20.71	<=30	Pass
	3500	1	0	21.76	-0.60	21.16	<=30	Pass
			13	21.70	-0.60	21.10	<=30	Pass
			24	21.61	-0.60	21.01	<=30	Pass
		12	0	20.78	-0.60	20.18	<=30	Pass
			6	20.77	-0.60	20.17	<=30	Pass
			13	20.74	-0.60	20.14	<=30	Pass
		25	0	20.72	-0.60	20.12	<=30	Pass
	3597.5	1	0	21.64	-0.60	21.04	<=30	Pass
			13	21.82	-0.60	21.22	<=30	Pass
			24	21.70	-0.60	21.10	<=30	Pass
		12	0	20.62	-0.60	20.02	<=30	Pass
			6	20.85	-0.60	20.25	<=30	Pass
			13	20.75	-0.60	20.15	<=30	Pass
		25	0	20.66	-0.60	20.06	<=30	Pass
64QAM	3402.5	1	0	21.39	-0.60	20.79	<=30	Pass
			13	21.35	-0.60	20.75	<=30	Pass
			24	21.36	-0.60	20.76	<=30	Pass
		12	0	20.38	-0.60	19.78	<=30	Pass

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			6	20.33	-0.60	19.73	<=30	Pass
			13	20.29	-0.60	19.69	<=30	Pass
		25	0	20.31	-0.60	19.71	<=30	Pass
	3500	1	0	20.86	-0.60	20.26	<=30	Pass
			13	20.77	-0.60	20.17	<=30	Pass
			24	20.64	-0.60	20.04	<=30	Pass
		12	0	19.74	-0.60	19.14	<=30	Pass
			6	19.78	-0.60	19.18	<=30	Pass
			13	19.67	-0.60	19.07	<=30	Pass
		25	0	19.72	-0.60	19.12	<=30	Pass
	3597.5	1	0	20.67	-0.60	20.07	<=30	Pass
			13	20.66	-0.60	20.06	<=30	Pass
			24	20.74	-0.60	20.14	<=30	Pass
		12	0	19.70	-0.60	19.10	<=30	Pass
			6	19.77	-0.60	19.17	<=30	Pass
			13	19.70	-0.60	19.10	<=30	Pass
		25	0	19.64	-0.60	19.04	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B42_10MHz_EIRP

Band: 42 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3405	1	0	23.29	-0.60	22.69	<=30	Pass
			25	23.31	-0.60	22.71	<=30	Pass
			49	23.24	-0.60	22.64	<=30	Pass
		25	0	22.43	-0.60	21.83	<=30	Pass
			13	22.43	-0.60	21.83	<=30	Pass
			25	22.29	-0.60	21.69	<=30	Pass
		50	0	22.34	-0.60	21.74	<=30	Pass
	3500	1	0	22.76	-0.60	22.16	<=30	Pass
			25	22.61	-0.60	22.01	<=30	Pass
			49	22.55	-0.60	21.95	<=30	Pass
		25	0	21.77	-0.60	21.17	<=30	Pass
			13	21.71	-0.60	21.11	<=30	Pass
			25	21.67	-0.60	21.07	<=30	Pass
		50	0	21.70	-0.60	21.10	<=30	Pass
	3595	1	0	22.59	-0.60	21.99	<=30	Pass
			25	22.68	-0.60	22.08	<=30	Pass
			49	22.63	-0.60	22.03	<=30	Pass
		25	0	21.74	-0.60	21.14	<=30	Pass
			13	21.73	-0.60	21.13	<=30	Pass
			25	21.73	-0.60	21.13	<=30	Pass
		50	0	21.73	-0.60	21.13	<=30	Pass
16QAM	3405	1	0	22.28	-0.60	21.68	<=30	Pass
			25	22.44	-0.60	21.84	<=30	Pass
			49	22.32	-0.60	21.72	<=30	Pass
		25	0	21.40	-0.60	20.80	<=30	Pass
			13	21.45	-0.60	20.85	<=30	Pass
			25	21.28	-0.60	20.68	<=30	Pass
		50	0	21.38	-0.60	20.78	<=30	Pass
	3500	1	0	21.79	-0.60	21.19	<=30	Pass
			25	21.58	-0.60	20.98	<=30	Pass
			49	21.56	-0.60	20.96	<=30	Pass
		25	0	20.80	-0.60	20.20	<=30	Pass
			13	20.70	-0.60	20.10	<=30	Pass
			25	20.66	-0.60	20.06	<=30	Pass
		50	0	20.70	-0.60	20.10	<=30	Pass
	3595	1	0	21.81	-0.60	21.21	<=30	Pass
			25	21.72	-0.60	21.12	<=30	Pass
			49	21.63	-0.60	21.03	<=30	Pass



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64QAM	3405	25	0	20.74	-0.60	20.14	<=30	Pass
			13	20.79	-0.60	20.19	<=30	Pass
			25	20.73	-0.60	20.13	<=30	Pass
		50	0	20.73	-0.60	20.13	<=30	Pass
			0	21.41	-0.60	20.81	<=30	Pass
			25	21.34	-0.60	20.74	<=30	Pass
		1	49	21.19	-0.60	20.59	<=30	Pass
			0	20.40	-0.60	19.80	<=30	Pass
			13	20.42	-0.60	19.82	<=30	Pass
	3500	25	25	20.28	-0.60	19.68	<=30	Pass
			0	20.42	-0.60	19.82	<=30	Pass
			0	20.86	-0.60	20.26	<=30	Pass
		1	25	20.69	-0.60	20.09	<=30	Pass
			49	20.71	-0.60	20.11	<=30	Pass
			0	19.76	-0.60	19.16	<=30	Pass
		25	13	19.69	-0.60	19.09	<=30	Pass
			25	19.64	-0.60	19.04	<=30	Pass
			0	19.70	-0.60	19.10	<=30	Pass
	3595	1	0	20.69	-0.60	20.09	<=30	Pass
			25	20.83	-0.60	20.23	<=30	Pass
			49	20.76	-0.60	20.16	<=30	Pass
		25	0	19.73	-0.60	19.13	<=30	Pass
			13	19.75	-0.60	19.15	<=30	Pass
			25	19.74	-0.60	19.14	<=30	Pass
		50	0	19.70	-0.60	19.10	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B42_15MHz_EIRP

Band: 42 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3407.5	1	0	23.22	-0.60	22.62	<=30	Pass
			38	23.21	-0.60	22.61	<=30	Pass
			74	23.18	-0.60	22.58	<=30	Pass
		36	0	22.31	-0.60	21.71	<=30	Pass
			18	22.23	-0.60	21.63	<=30	Pass
			39	22.20	-0.60	21.60	<=30	Pass
		75	0	22.18	-0.60	21.58	<=30	Pass
	3500	1	0	22.78	-0.60	22.18	<=30	Pass
			38	22.56	-0.60	21.96	<=30	Pass
			74	22.50	-0.60	21.90	<=30	Pass
		36	0	21.76	-0.60	21.16	<=30	Pass
			18	21.67	-0.60	21.07	<=30	Pass
			39	21.64	-0.60	21.04	<=30	Pass
		75	0	21.67	-0.60	21.07	<=30	Pass
	3592.5	1	0	22.44	-0.60	21.84	<=30	Pass
			38	22.58	-0.60	21.98	<=30	Pass
			74	22.66	-0.60	22.06	<=30	Pass
		36	0	21.56	-0.60	20.96	<=30	Pass
			18	21.68	-0.60	21.08	<=30	Pass
			39	21.73	-0.60	21.13	<=30	Pass
		75	0	21.65	-0.60	21.05	<=30	Pass
16QAM	3407.5	1	0	22.24	-0.60	21.64	<=30	Pass
			38	22.33	-0.60	21.73	<=30	Pass
			74	22.22	-0.60	21.62	<=30	Pass
		36	0	21.33	-0.60	20.73	<=30	Pass
			18	21.26	-0.60	20.66	<=30	Pass
			39	21.20	-0.60	20.60	<=30	Pass
		75	0	21.26	-0.60	20.66	<=30	Pass
	3500	1	0	21.77	-0.60	21.17	<=30	Pass
			38	21.57	-0.60	20.97	<=30	Pass

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64QAM	3592.5	36	74	21.56	-0.60	20.96	<=30	Pass	
			0	20.78	-0.60	20.18	<=30	Pass	
			18	20.69	-0.60	20.09	<=30	Pass	
			39	20.65	-0.60	20.05	<=30	Pass	
		75	0	20.67	-0.60	20.07	<=30	Pass	
		1	0	21.47	-0.60	20.87	<=30	Pass	
			38	21.58	-0.60	20.98	<=30	Pass	
			74	21.71	-0.60	21.11	<=30	Pass	
			36	0	20.57	-0.60	19.97	<=30	Pass
				18	20.68	-0.60	20.08	<=30	Pass
	39			20.74	-0.60	20.14	<=30	Pass	
	75	0	20.64	-0.60	20.04	<=30	Pass		
	3407.5	1	0	21.33	-0.60	20.73	<=30	Pass	
			38	21.28	-0.60	20.68	<=30	Pass	
			74	21.13	-0.60	20.53	<=30	Pass	
			36	0	20.36	-0.60	19.76	<=30	Pass
				18	20.26	-0.60	19.66	<=30	Pass
				39	20.21	-0.60	19.61	<=30	Pass
		75	0	20.26	-0.60	19.66	<=30	Pass	
		3500	1	0	20.74	-0.60	20.14	<=30	Pass
				38	20.52	-0.60	19.92	<=30	Pass
				74	20.48	-0.60	19.88	<=30	Pass
			36	0	19.75	-0.60	19.15	<=30	Pass
				18	19.72	-0.60	19.12	<=30	Pass
39				19.62	-0.60	19.02	<=30	Pass	
75		0	19.75	-0.60	19.15	<=30	Pass		
3592.5		1	0	20.42	-0.60	19.82	<=30	Pass	
			38	20.56	-0.60	19.96	<=30	Pass	
			74	20.61	-0.60	20.01	<=30	Pass	
		36	0	19.58	-0.60	18.98	<=30	Pass	
			18	19.69	-0.60	19.09	<=30	Pass	
			39	19.72	-0.60	19.12	<=30	Pass	
	75	0	19.70	-0.60	19.10	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B42_20MHz_EIRP

Band: 42 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3410	1	0	23.28	-0.60	22.68	<=30	Pass
			50	23.20	-0.60	22.60	<=30	Pass
			99	23.14	-0.60	22.54	<=30	Pass
		50	0	22.34	-0.60	21.74	<=30	Pass
			25	22.29	-0.60	21.69	<=30	Pass
			50	22.20	-0.60	21.60	<=30	Pass
		100	0	22.30	-0.60	21.70	<=30	Pass
			0	22.79	-0.60	22.19	<=30	Pass
			50	22.59	-0.60	21.99	<=30	Pass
		1	99	22.52	-0.60	21.92	<=30	Pass
			0	21.79	-0.60	21.19	<=30	Pass
			25	21.71	-0.60	21.11	<=30	Pass
	3500	50	50	21.66	-0.60	21.06	<=30	Pass
			0	21.71	-0.60	21.11	<=30	Pass
			0	22.43	-0.60	21.83	<=30	Pass
		1	50	22.53	-0.60	21.93	<=30	Pass
			99	22.60	-0.60	22.00	<=30	Pass
			0	21.55	-0.60	20.95	<=30	Pass
		50	25	21.64	-0.60	21.04	<=30	Pass
			50	21.72	-0.60	21.12	<=30	Pass
			0	21.61	-0.60	21.01	<=30	Pass
		100	0	21.61	-0.60	21.01	<=30	Pass
			0	22.29	-0.60	21.69	<=30	Pass
			0	22.29	-0.60	21.69	<=30	Pass

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64QAM	3500		50	22.09	-0.60	21.49	<=30	Pass	
			99	22.08	-0.60	21.48	<=30	Pass	
		50	0	21.33	-0.60	20.73	<=30	Pass	
			25	21.30	-0.60	20.70	<=30	Pass	
			50	21.17	-0.60	20.57	<=30	Pass	
		100	0	21.28	-0.60	20.68	<=30	Pass	
		3500	1	0	21.81	-0.60	21.21	<=30	Pass
				50	21.60	-0.60	21.00	<=30	Pass
				99	21.36	-0.60	20.76	<=30	Pass
			50	0	20.78	-0.60	20.18	<=30	Pass
	25			20.74	-0.60	20.14	<=30	Pass	
	50			20.65	-0.60	20.05	<=30	Pass	
	100		0	20.73	-0.60	20.13	<=30	Pass	
	3590		1	0	21.52	-0.60	20.92	<=30	Pass
		50		21.64	-0.60	21.04	<=30	Pass	
		99		21.69	-0.60	21.09	<=30	Pass	
		50	0	20.51	-0.60	19.91	<=30	Pass	
			25	20.60	-0.60	20.00	<=30	Pass	
			50	20.73	-0.60	20.13	<=30	Pass	
		100	0	20.61	-0.60	20.01	<=30	Pass	
		3410	1	0	21.25	-0.60	20.65	<=30	Pass
	50			21.22	-0.60	20.62	<=30	Pass	
	99			21.23	-0.60	20.63	<=30	Pass	
	0			20.34	-0.60	19.74	<=30	Pass	
	25			20.29	-0.60	19.69	<=30	Pass	
	50			20.19	-0.60	19.59	<=30	Pass	
	100		0	20.27	-0.60	19.67	<=30	Pass	
	3500		1	0	20.84	-0.60	20.24	<=30	Pass
				50	20.64	-0.60	20.04	<=30	Pass
				99	20.57	-0.60	19.97	<=30	Pass
			50	0	19.79	-0.60	19.19	<=30	Pass
				25	19.69	-0.60	19.09	<=30	Pass
				50	19.62	-0.60	19.02	<=30	Pass
	100		0	19.71	-0.60	19.11	<=30	Pass	
	3590		1	0	20.63	-0.60	20.03	<=30	Pass
				50	20.54	-0.60	19.94	<=30	Pass
99				20.63	-0.60	20.03	<=30	Pass	
50			0	19.53	-0.60	18.93	<=30	Pass	
		25	19.61	-0.60	19.01	<=30	Pass		
		50	19.71	-0.60	19.11	<=30	Pass		
100	0	19.57	-0.60	18.97	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain



2. Frequency Stability

2.1 Test Result

2.1.1 B42_5MHz

Band: 42 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3402.5	25	0	20	3.27	-4.520	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.721	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.734	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.704	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0009	-2.5 to 2.5	Pass

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				40	3.85	-2.031	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0007	-2.5 to 2.5	Pass
	3500	25	0	20	3.27	-2.046	-0.0006	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.346	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.416	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.520	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.888	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.589	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0005	-2.5 to 2.5	Pass
	3597.5	25	0	20	3.27	-2.675	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.661	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.449	-0.0012	-2.5 to 2.5	Pass
16QAM	3402.5	25	0	20	3.27	-2.246	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.920	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.861	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.715	-0.0002	-2.5 to 2.5	Pass
	3500	25	0	20	3.27	-2.146	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.363	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.764	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0012	-2.5 to 2.5	Pass
	3597.5	25	0	20	3.27	-2.346	-0.0007	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.120	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.389	-0.0007	-2.5 to 2.5	Pass
64QAM	3402.5	25	0	20	3.27	-1.445	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.260	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.489	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0002	-2.5 to 2.5	Pass



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				-10	3.85	-1.287	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.730	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0004	-2.5 to 2.5	Pass
	3500	25	0	20	3.27	-2.618	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.131	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.788	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.502	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.518	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.433	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-2.546	-0.0007	-2.5 to 2.5	Pass
	3597.5	25	0	20	3.27	-2.060	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.446	-0.0007	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.490	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.734	-0.0010	-2.5 to 2.5	Pass

2.1.2 B42_10MHz

Band: 42 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3405	50	0	20	3.27	-0.072	0.0000	-2.5 to 2.5	Pass
					3.85	-2.060	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.860	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.104	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-2.890	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0003	-2.5 to 2.5	Pass
	3500	50	0	20	3.27	-3.018	-0.0009	-2.5 to 2.5	Pass
					3.85	-4.120	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.604	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.702	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-4.306	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.375	-0.0007	-2.5 to 2.5	Pass
	3595	50	0	20	3.27	-0.415	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.116	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.143	0.0000	-2.5 to 2.5	Pass

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16QAM	3405	50	0	0	3.85	0.486	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.844	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.658	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0003	-2.5 to 2.5	Pass
	3500	50	0	20	3.27	-2.031	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.157	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.388	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.129	0.0000	-2.5 to 2.5	Pass
				20	3.27	-1.402	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.589	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.533	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.319	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.918	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.632	-0.0008	-2.5 to 2.5	Pass
64QAM	3405	50	0	20	3.27	0.129	0.0000	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
					4.43	0.672	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.815	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.486	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.402	-0.0004	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				20	3.27	0.815	0.0002	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.259	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.243	0.0001	-2.5 to 2.5	Pass
	3500	50	0	20	3.27	-1.516	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.289	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.475	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.289	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-0.644	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0004	-2.5 to 2.5	Pass
	3595	50	0	20	3.27	-0.644	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0004	-2.5 to 2.5	Pass

					4.43	-0.958	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.458	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0001	-2.5 to 2.5	Pass

2.1.3 B42_15MHz

Band: 42 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3407.5	75	0	20	3.27	-1.459	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.087	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.717	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
					3.85	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.157	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
	3500	75	0	20	3.27	-3.819	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.861	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.545	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.502	-0.0004	-2.5 to 2.5	Pass
					3.85	-3.877	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.476	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0007	-2.5 to 2.5	Pass
	3592.5	75	0	20	3.27	-3.161	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.675	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.087	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.117	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0008	-2.5 to 2.5	Pass
16QAM	3407.5	75	0	20	3.27	-1.516	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.157	0.0000	-2.5 to 2.5	Pass
					3.85	-0.157	0.0000	-2.5 to 2.5	Pass
	3500	75	0	20	3.27	-1.073	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.373	-0.0004	-2.5 to 2.5	Pass
					4.43	-3.133	-0.0009	-2.5 to 2.5	Pass

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				-30	3.85	-2.003	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.320	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.762	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0005	-2.5 to 2.5	Pass
	3592.5	75	0	20	3.27	-2.074	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0006	-2.5 to 2.5	Pass
					4.43	-2.275	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.559	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.831	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0008	-2.5 to 2.5	Pass
	64QAM	3500	75	20	3.27	0.887	0.0003	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0003	-2.5 to 2.5	Pass
					4.43	0.343	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.287	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.159	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
		3592.5	75	20	3.27	-2.317	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.674	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.176	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.174	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-4.134	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.402	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.875	-0.0008	-2.5 to 2.5	Pass
				20	3.27	-1.559	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.431	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.717	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.646	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.332	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.104	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-2.160	-0.0006	-2.5 to 2.5	Pass

2.1.4 B42_20MHz

Band: 42 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3410	100	0	20	3.27	-3.219	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.748	-0.0011	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.503	-0.0007	-2.5 to 2.5	Pass

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16QAM	3500	100	0	-20	3.85	-3.433	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.990	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.691	-0.0011	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	-2.217	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.604	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.233	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.119	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.063	-0.0012	-2.5 to 2.5	Pass
	3410	100	0	20	3.27	-4.807	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.633	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.832	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-5.136	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.330	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.432	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0008	-2.5 to 2.5	Pass
	3500	100	0	20	3.27	-2.604	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0010	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.448	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.090	-0.0009	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	-3.133	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.190	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.978	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.403	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.277	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0005	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	-3.805	-0.0011	-2.5 to 2.5	Pass
					3.85	-3.519	-0.0010	-2.5 to 2.5	Pass
					4.43	-1.760	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-4.063	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.775	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-2.546	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0008	-2.5 to 2.5	Pass

64QAM	3410	100	0	20	3.27	-2.246	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.133	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.033	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-3.591	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.276	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0004	-2.5 to 2.5	Pass
	3500	100	0	20	3.27	-5.136	-0.0015	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-4.063	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.319	-0.0009	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	-4.334	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-3.562	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.535	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.977	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.147	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0018	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B42_5MHz

Band: 42 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	25	0	Refer To Test Graph		Pass
16QAM	3500	25	0	Refer To Test Graph		Pass
64QAM	3500	25	0	Refer To Test Graph		Pass

3.1.2 B42_10MHz

Band: 42 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	50	0	Refer To Test Graph		Pass
16QAM	3500	50	0	Refer To Test Graph		Pass
64QAM	3500	50	0	Refer To Test Graph		Pass

3.1.3 B42_15MHz

Band: 42 / Bandwidth: 15MHz / NTN						
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Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	75	0	Refer To Test Graph		Pass
16QAM	3500	75	0	Refer To Test Graph		Pass
64QAM	3500	75	0	Refer To Test Graph		Pass

3.1.4 B42_20MHz

Band: 42 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	100	0	Refer To Test Graph		Pass
16QAM	3500	100	0	Refer To Test Graph		Pass
64QAM	3500	100	0	Refer To Test Graph		Pass

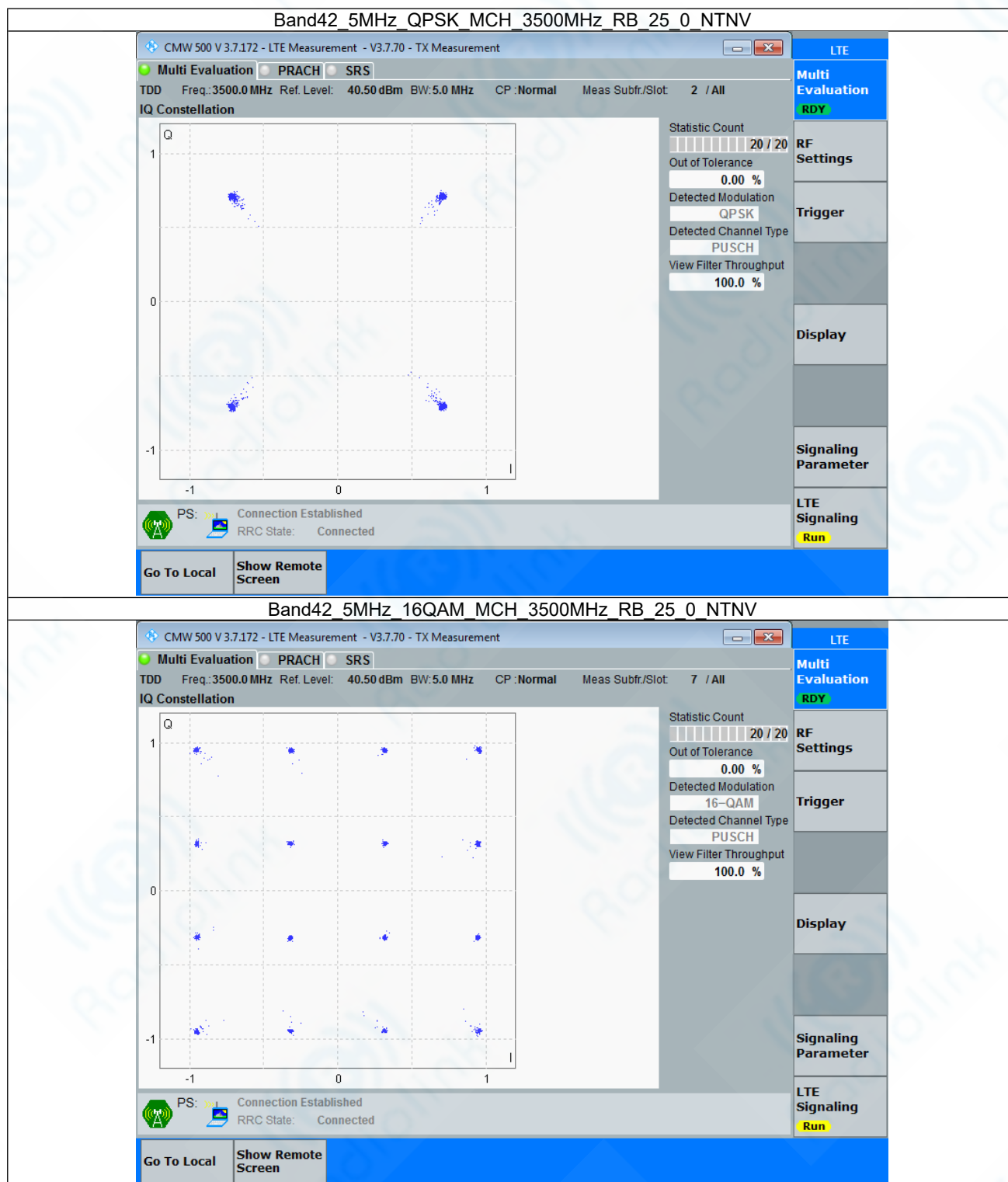


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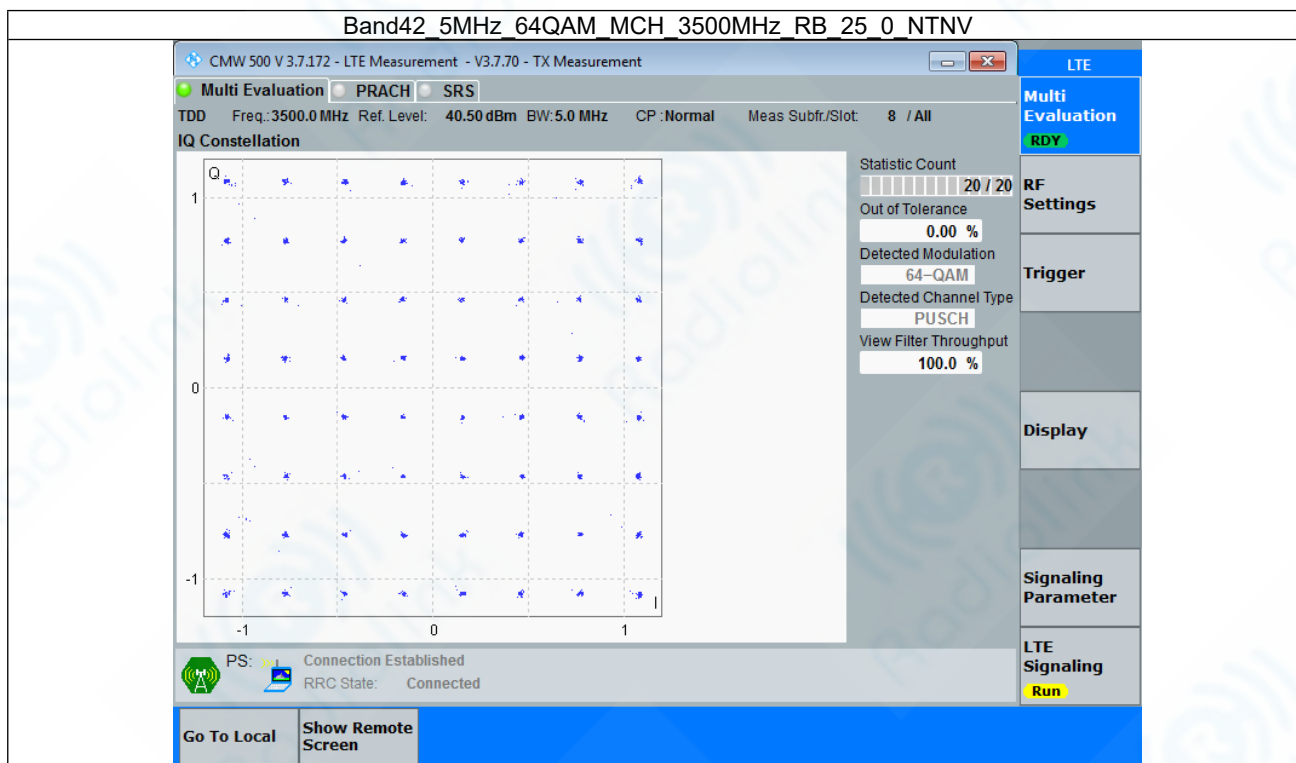
3.2 Test Graph

3.2.1 B42_5MHz



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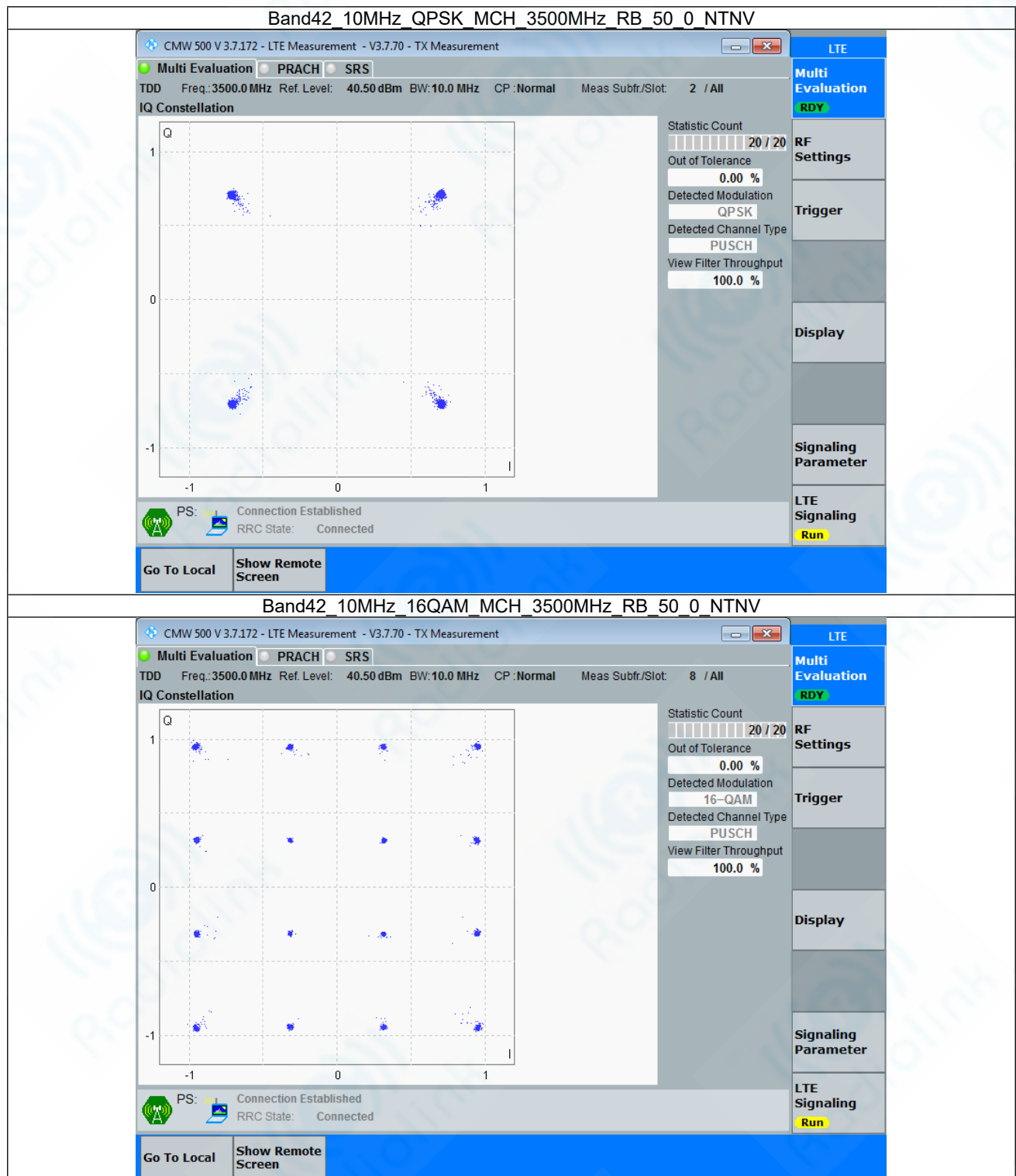
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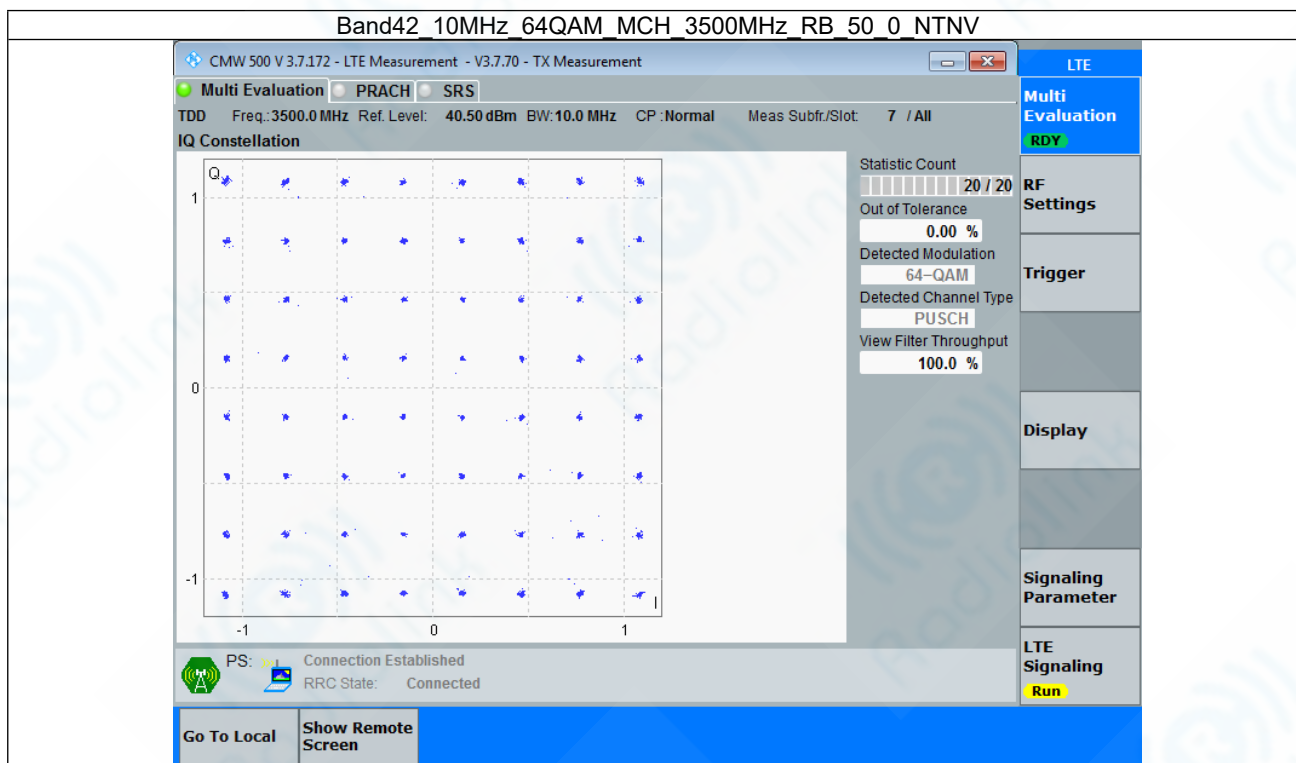
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3.2.2 B42_10MHz

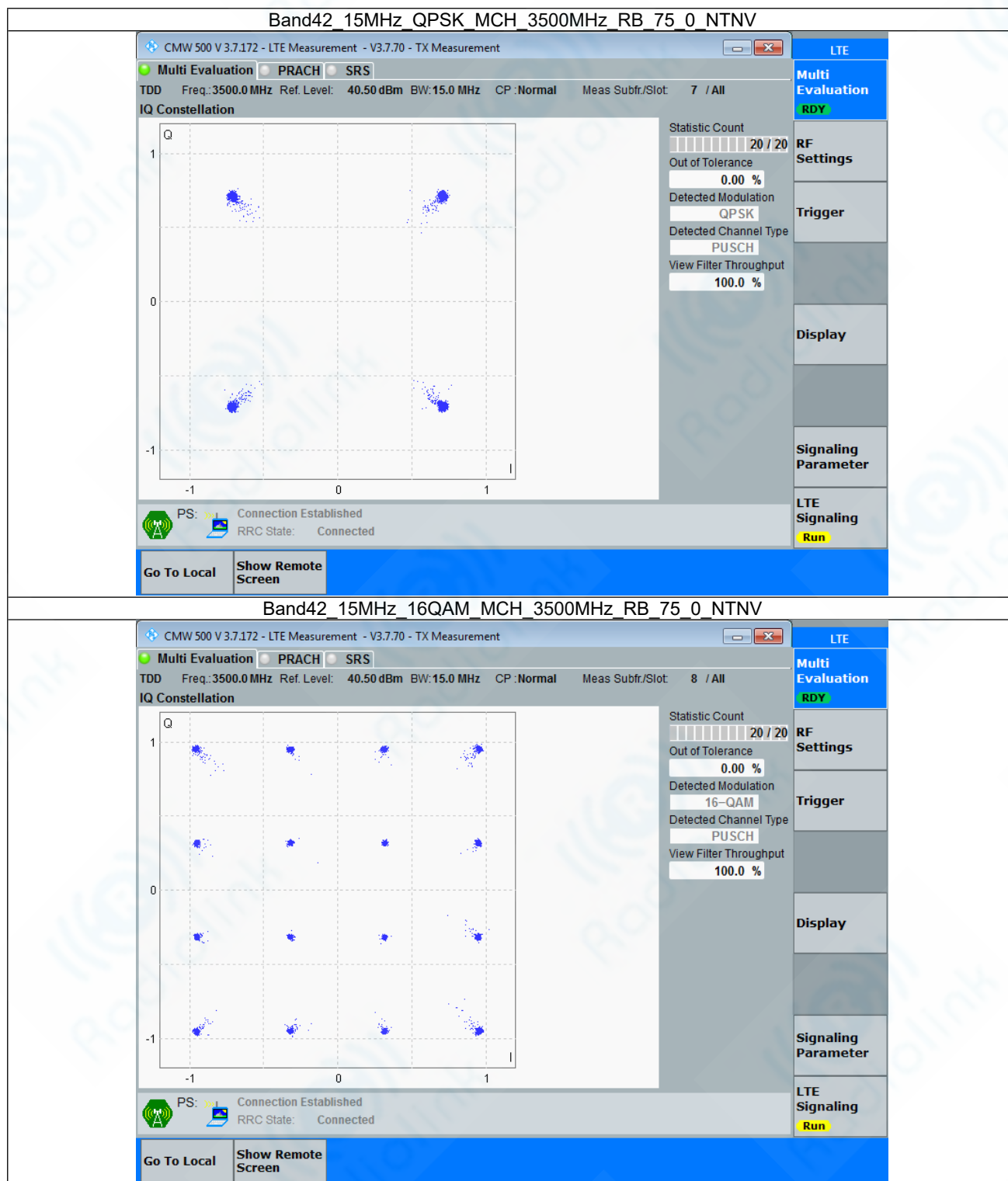


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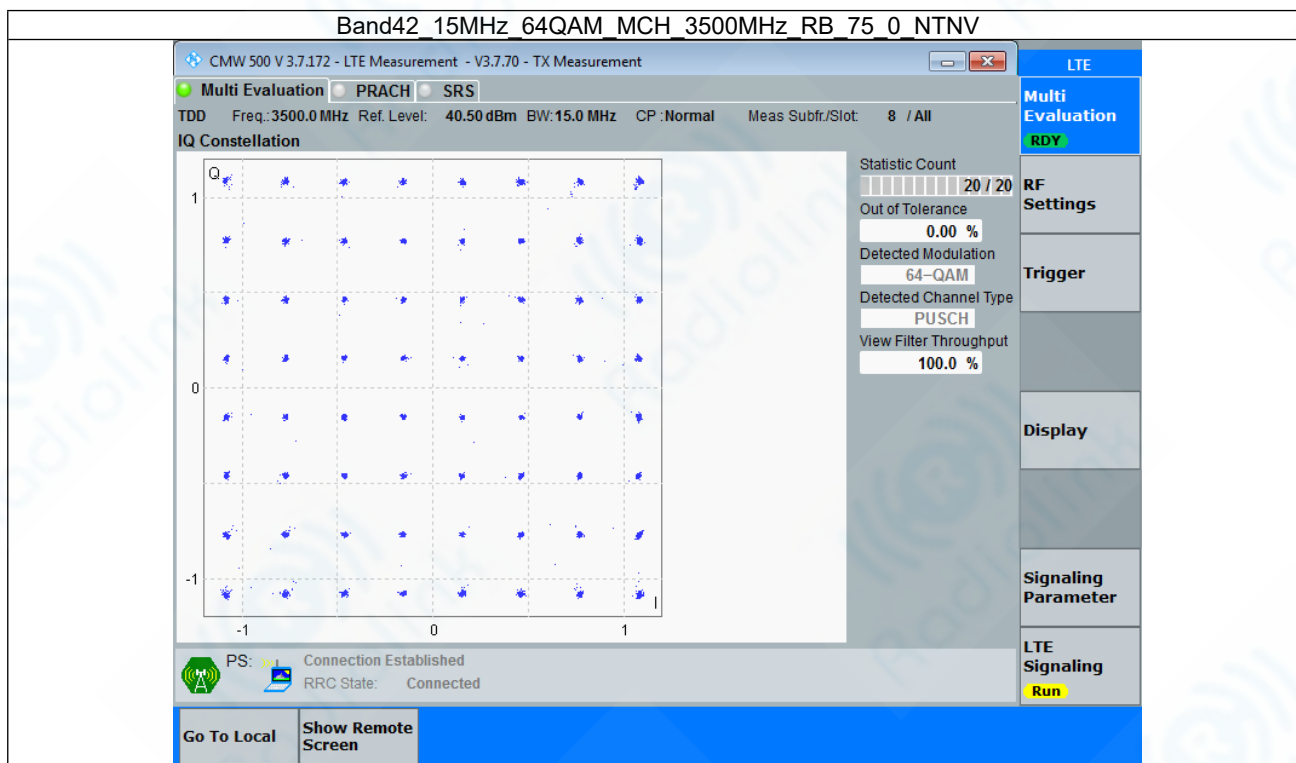


3.2.3 B42_15MHz



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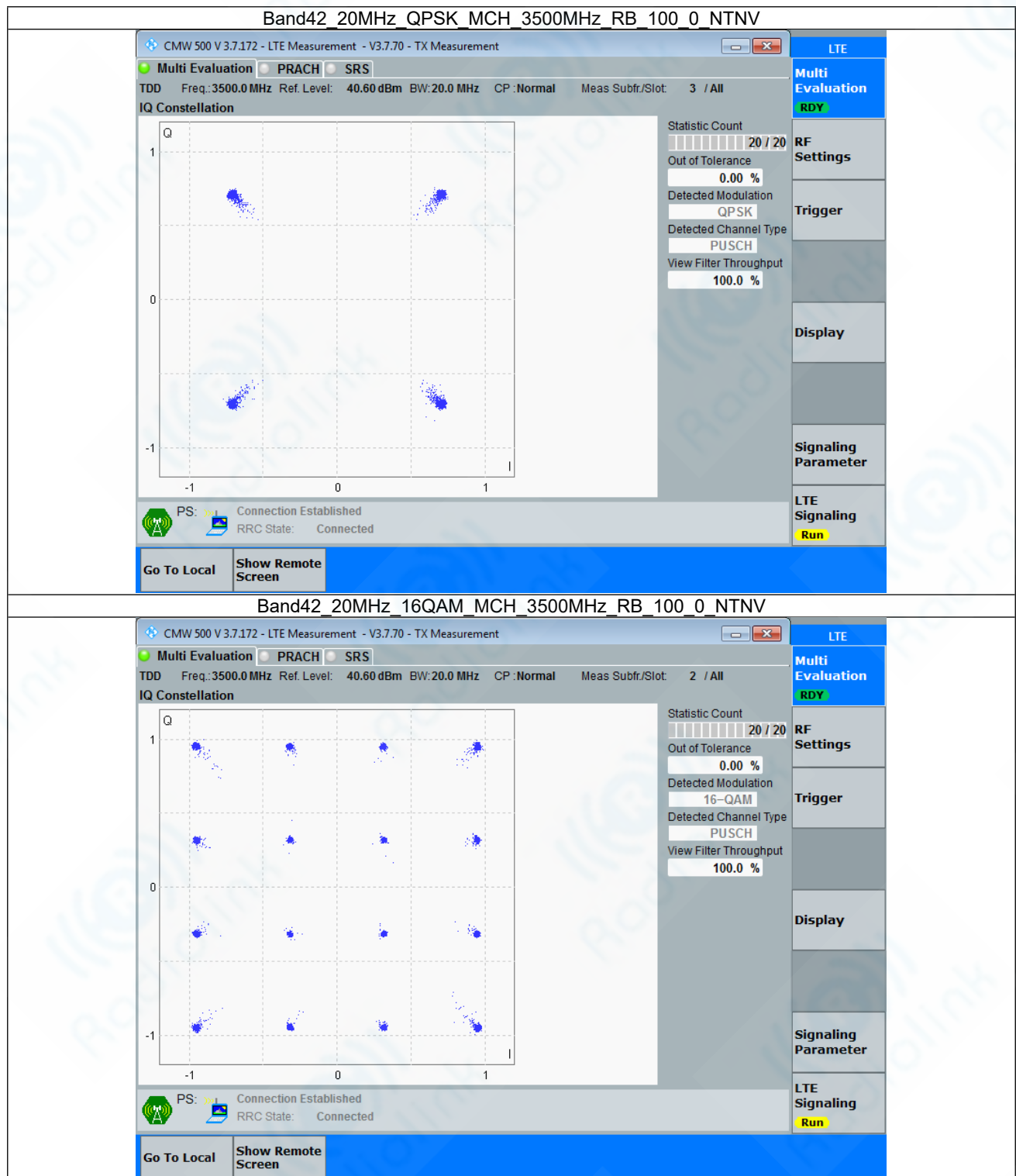
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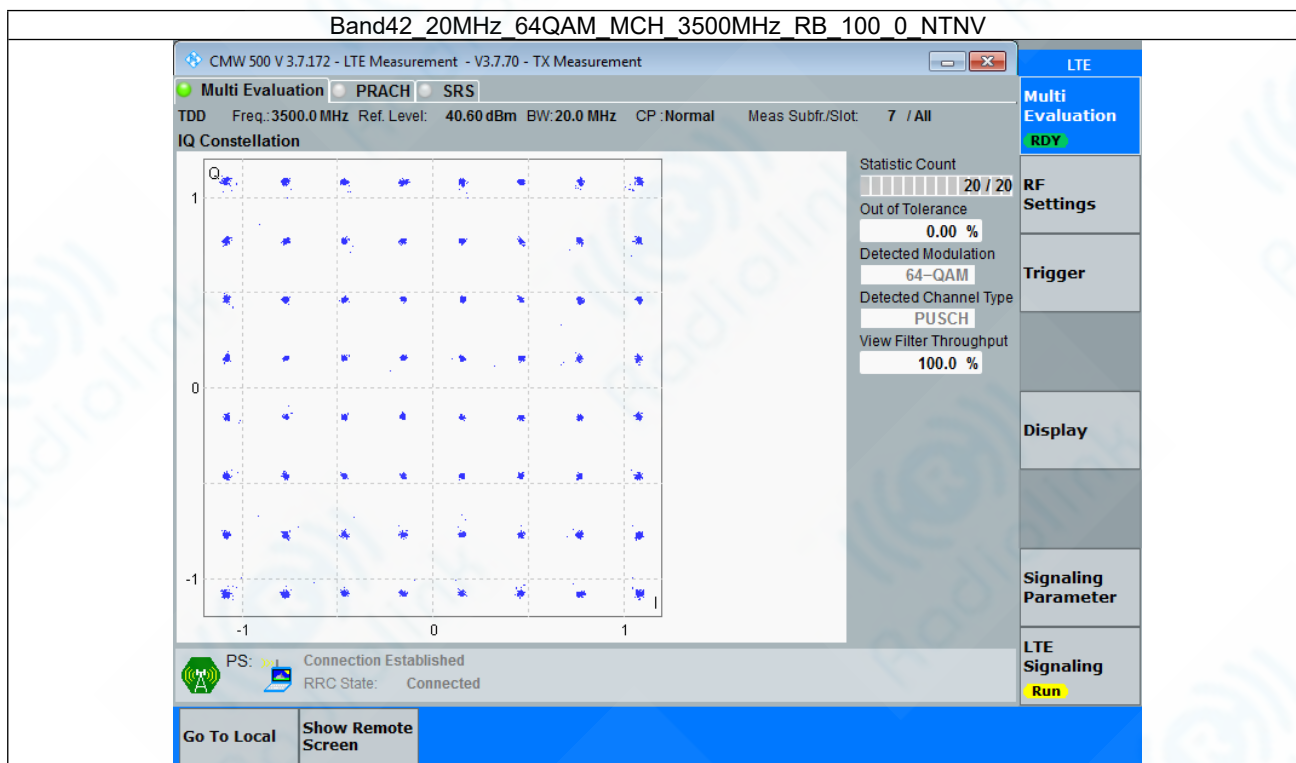


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3.2.4 B42_20MHz





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4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band42_OBW

Band: 42 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3402.5	25	0	4.514	/	Pass
		3500	25	0	4.521	/	Pass
		3597.5	25	0	4.498	/	Pass
	16QAM	3402.5	25	0	4.527	/	Pass
		3500	25	0	4.524	/	Pass
		3597.5	25	0	4.490	/	Pass
	64QAM	3402.5	25	0	4.522	/	Pass
		3500	25	0	4.530	/	Pass
		3597.5	25	0	4.499	/	Pass
10	QPSK	3405	50	0	8.965	/	Pass
		3500	50	0	8.965	/	Pass
		3595	50	0	8.911	/	Pass
	16QAM	3405	50	0	8.962	/	Pass
		3500	50	0	8.952	/	Pass
		3595	50	0	8.962	/	Pass
	64QAM	3405	50	0	8.955	/	Pass
		3500	50	0	8.947	/	Pass
		3595	50	0	8.943	/	Pass
15	QPSK	3407.5	75	0	13.480	/	Pass
		3500	75	0	13.459	/	Pass
		3592.5	75	0	13.522	/	Pass
	16QAM	3407.5	75	0	13.439	/	Pass
		3500	75	0	13.462	/	Pass
		3592.5	75	0	13.453	/	Pass
	64QAM	3407.5	75	0	13.476	/	Pass
		3500	75	0	13.449	/	Pass
		3592.5	75	0	13.448	/	Pass
20	QPSK	3410	100	0	17.940	/	Pass
		3500	100	0	17.919	/	Pass
		3590	100	0	17.892	/	Pass
	16QAM	3410	100	0	17.851	/	Pass
		3500	100	0	17.881	/	Pass
		3590	100	0	17.906	/	Pass
	64QAM	3410	100	0	17.869	/	Pass
		3500	100	0	17.896	/	Pass
		3590	100	0	17.876	/	Pass

4.1.2 Band42_XDB

Band: 42 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3402.5	25	0	5.191	/	Pass
		3500	25	0	5.284	/	Pass
		3597.5	25	0	5.102	/	Pass
	16QAM	3402.5	25	0	5.140	/	Pass
		3500	25	0	5.128	/	Pass
		3597.5	25	0	4.892	/	Pass
	64QAM	3402.5	25	0	5.110	/	Pass
		3500	25	0	5.074	/	Pass
		3590	25	0	5.074	/	Pass

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		3597.5	25	0	4.933	/	Pass
10	QPSK	3405	50	0	9.740	/	Pass
		3500	50	0	9.867	/	Pass
		3595	50	0	9.485	/	Pass
		3405	50	0	9.802	/	Pass
	16QAM	3500	50	0	9.753	/	Pass
		3595	50	0	9.677	/	Pass
		3405	50	0	9.786	/	Pass
	64QAM	3500	50	0	9.747	/	Pass
		3595	50	0	9.572	/	Pass
15	QPSK	3407.5	75	0	14.800	/	Pass
		3500	75	0	14.697	/	Pass
		3592.5	75	0	14.250	/	Pass
	16QAM	3407.5	75	0	14.590	/	Pass
		3500	75	0	14.651	/	Pass
		3592.5	75	0	14.353	/	Pass
	64QAM	3407.5	75	0	14.783	/	Pass
		3500	75	0	15.001	/	Pass
		3592.5	75	0	14.322	/	Pass
20	QPSK	3410	100	0	19.484	/	Pass
		3500	100	0	19.079	/	Pass
		3590	100	0	18.668	/	Pass
	16QAM	3410	100	0	19.104	/	Pass
		3500	100	0	19.852	/	Pass
		3590	100	0	18.886	/	Pass
	64QAM	3410	100	0	19.283	/	Pass
		3500	100	0	19.377	/	Pass
		3590	100	0	18.925	/	Pass

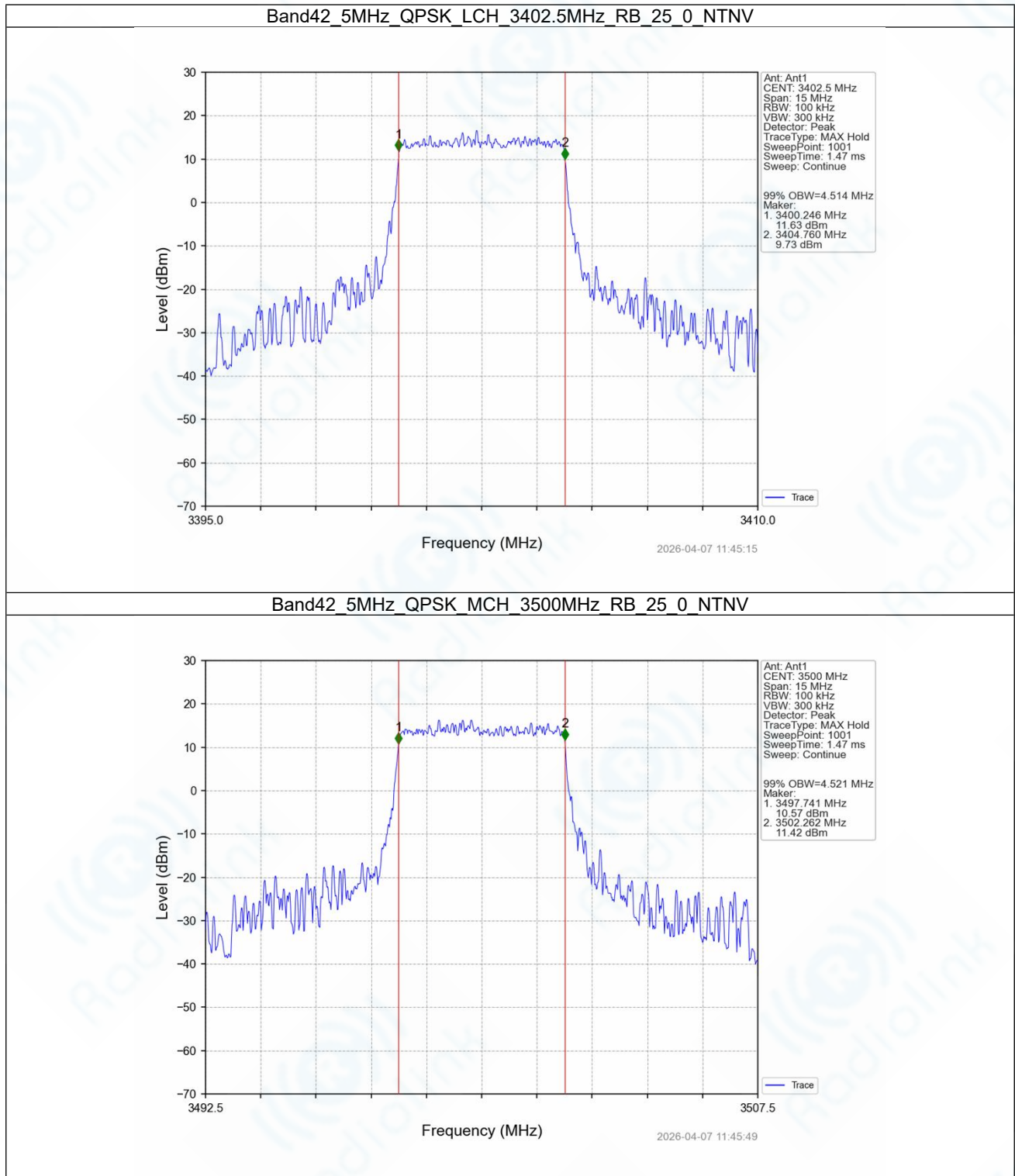


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4.2 Test Graph

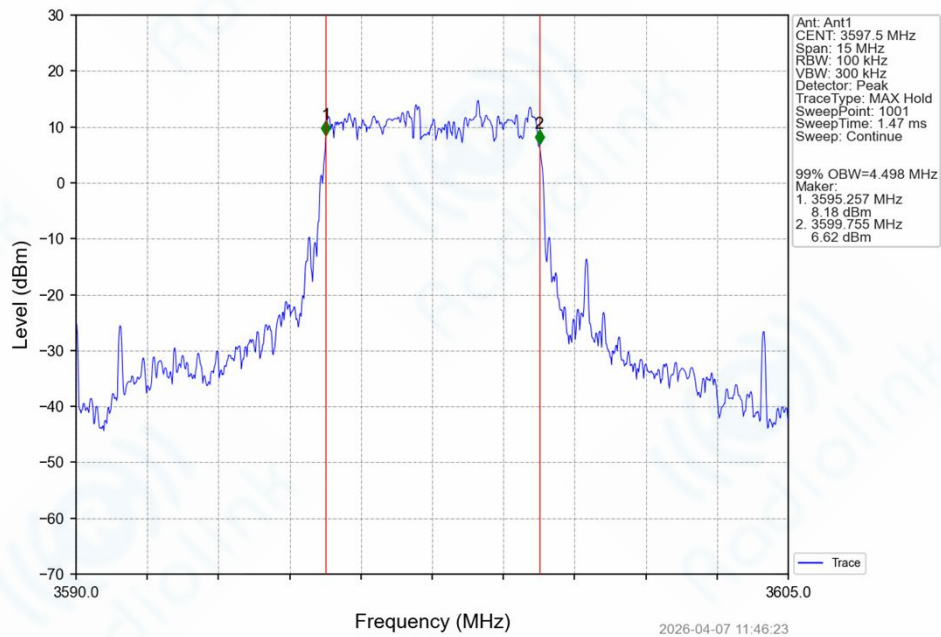
4.2.1 Band42_OBW



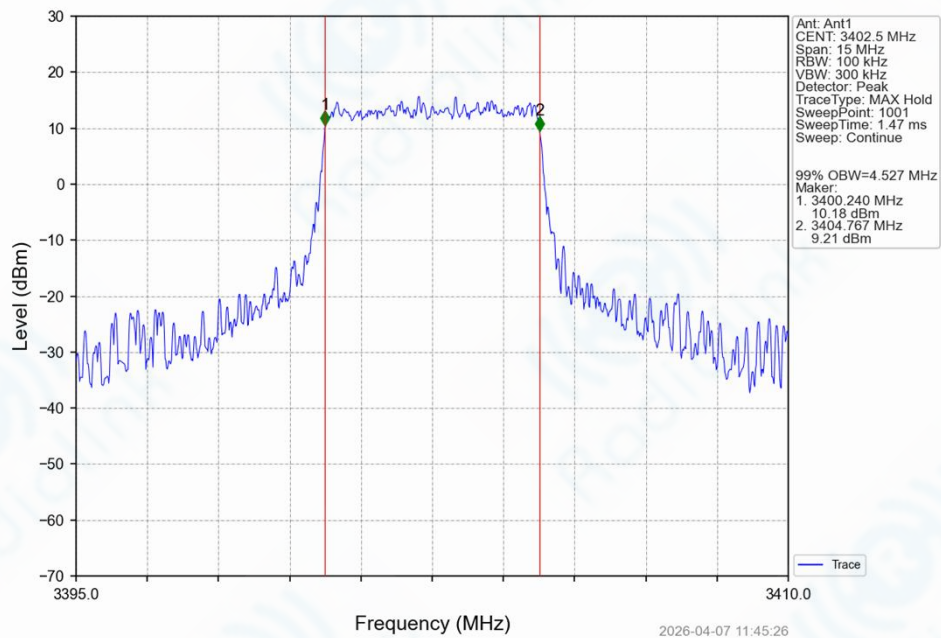
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Band42_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV

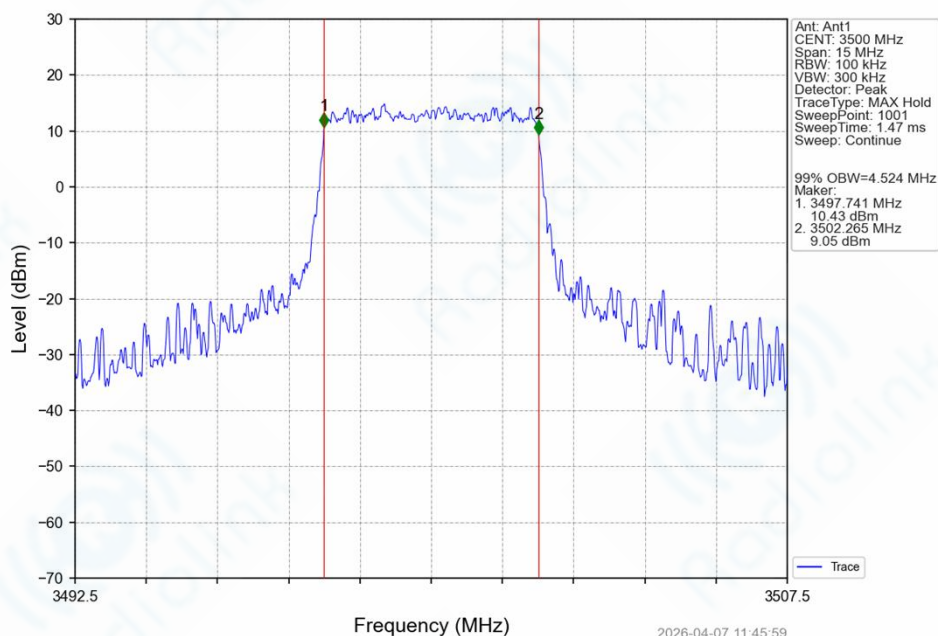


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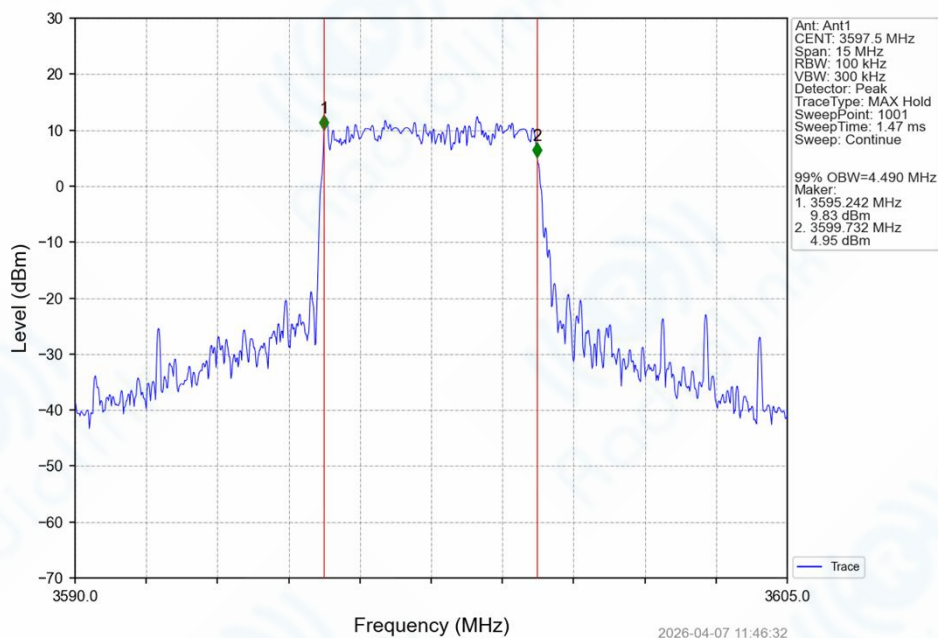

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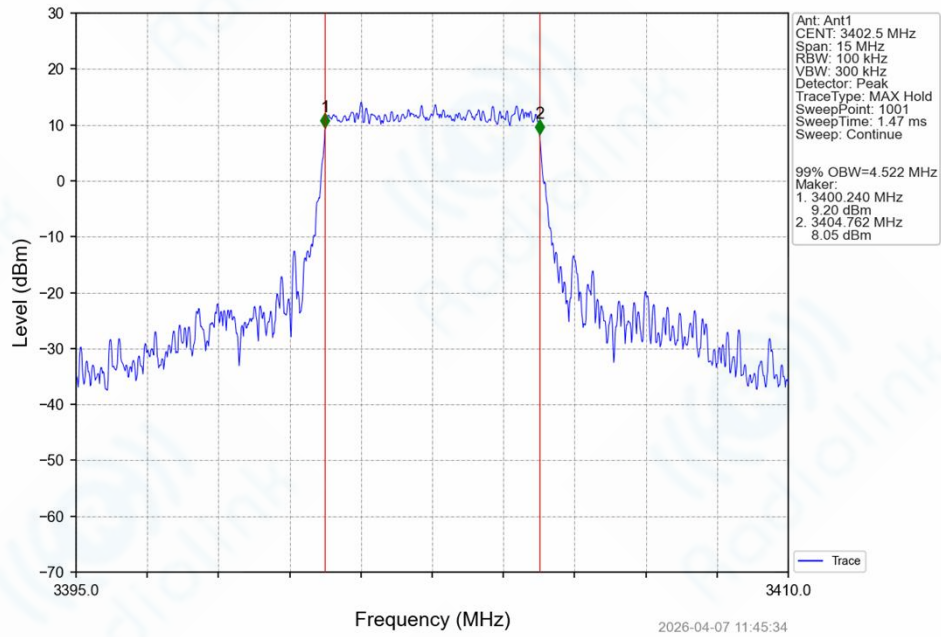
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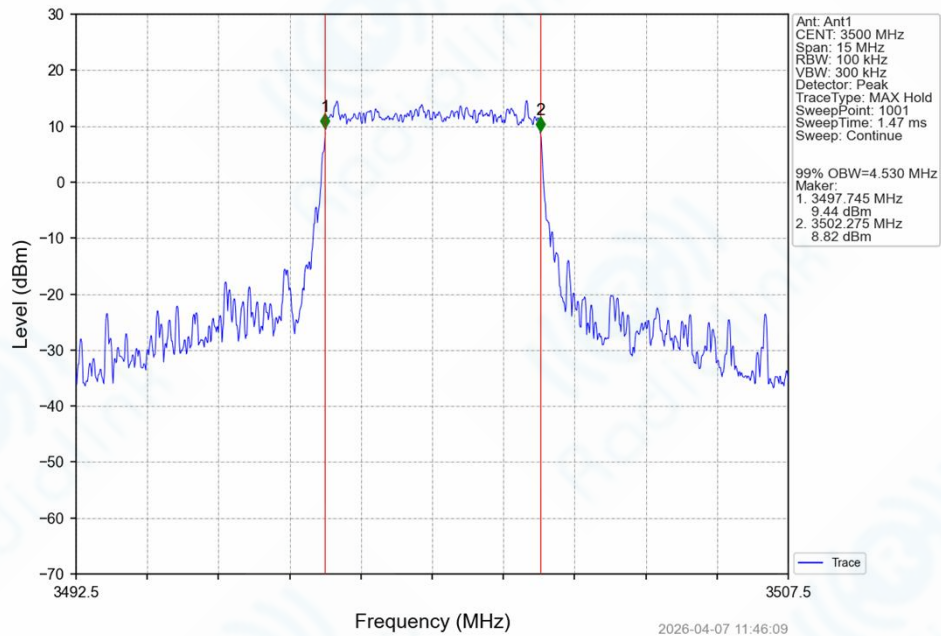
Band42_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV



Band42_5MHz_64QAM_LCH_3402.5MHz_RB_25_0_NTNV

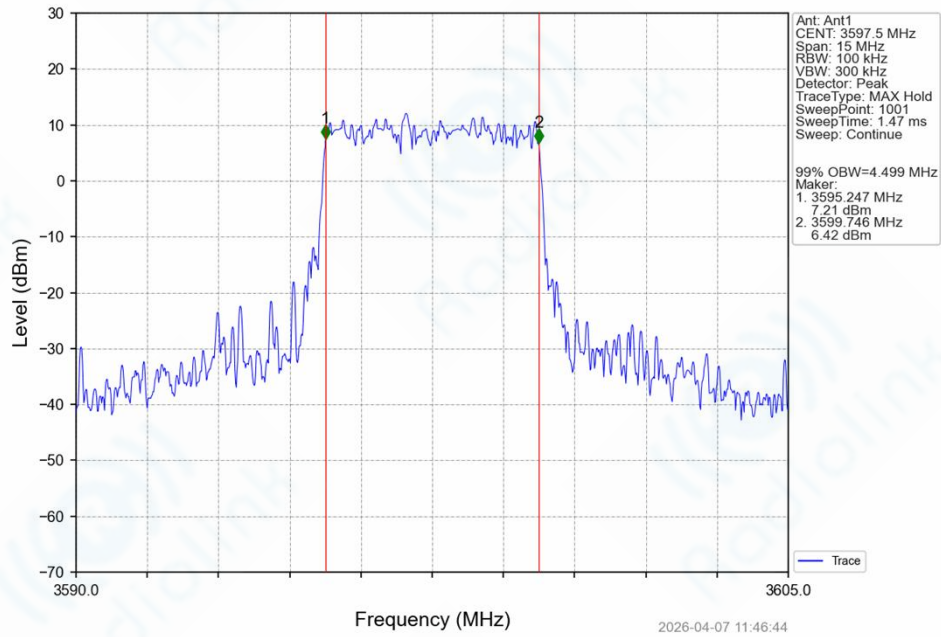


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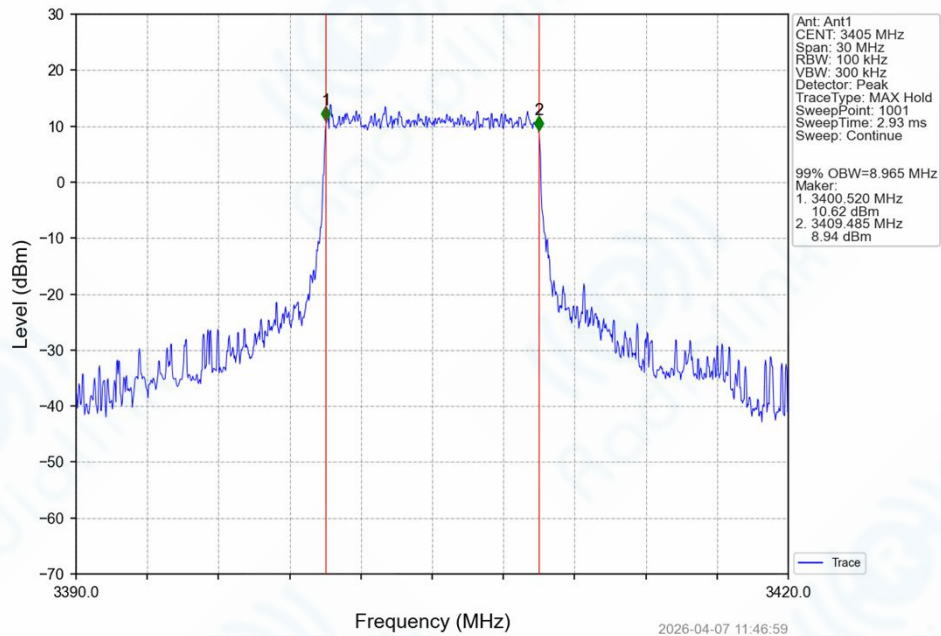

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Band42_5MHz_64QAM_HCH_3597.5MHz_RB_25_0_NTNV



Band42_10MHz_QPSK_LCH_3405MHz_RB_50_0_NTNV

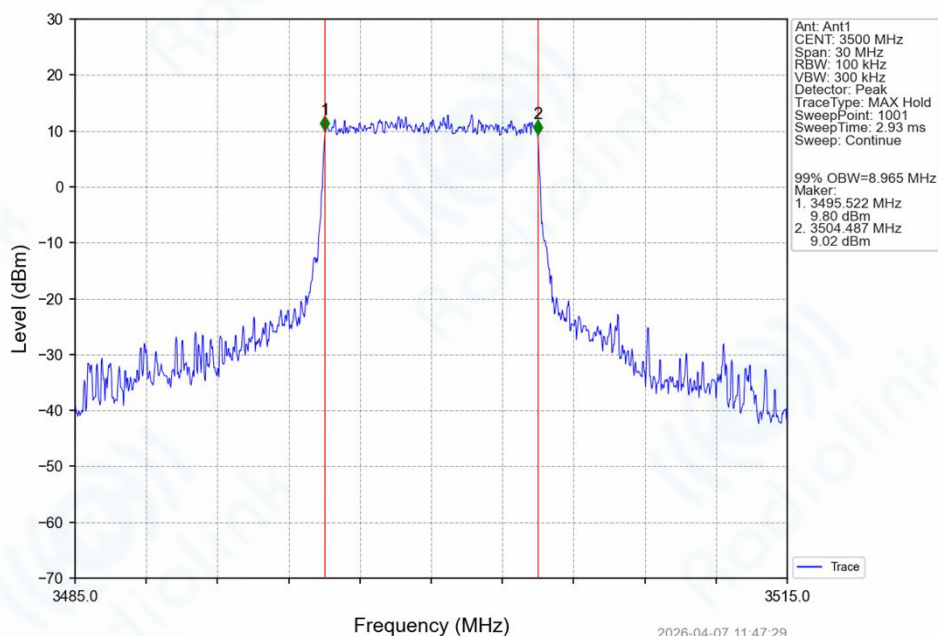


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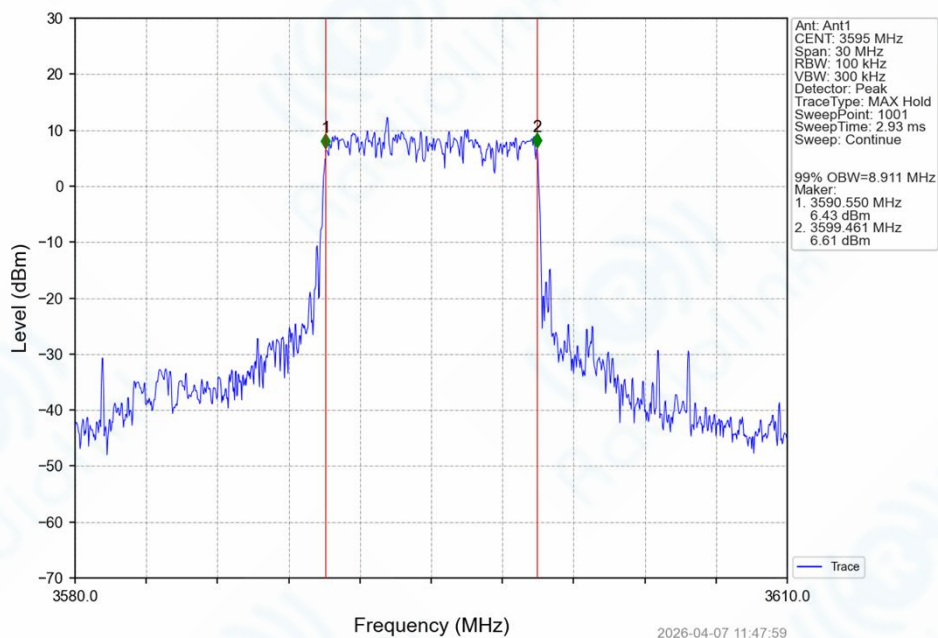
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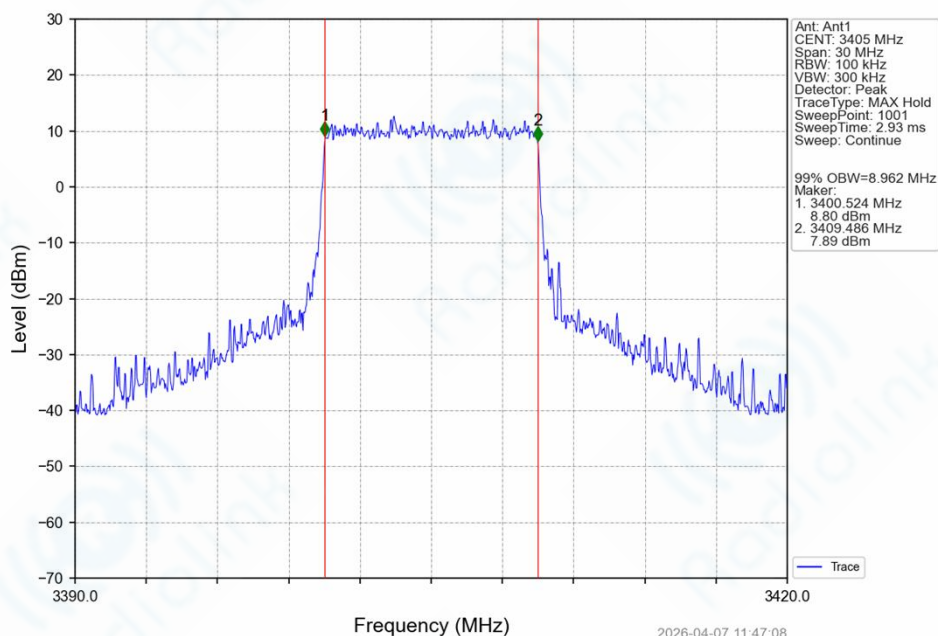
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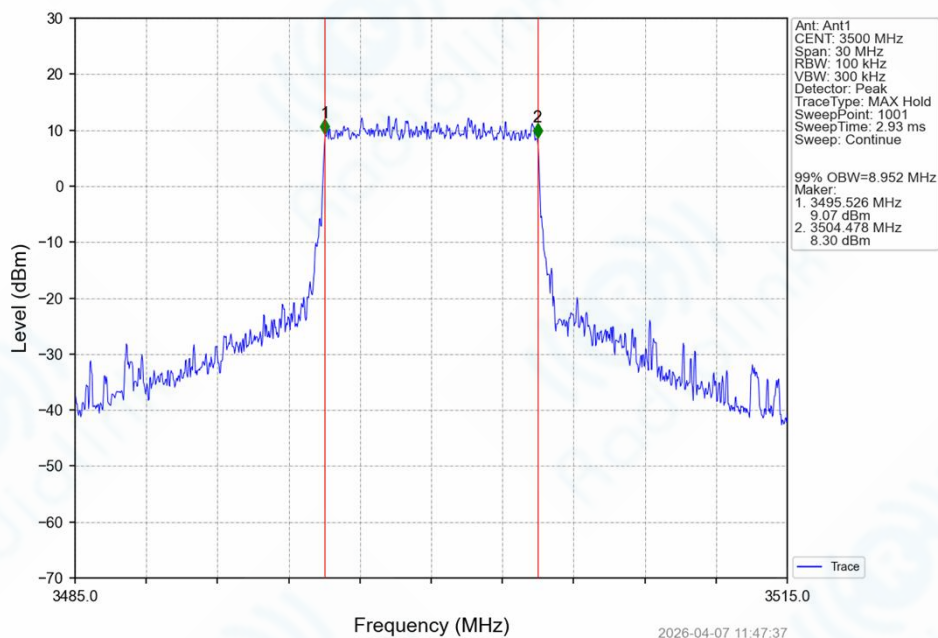
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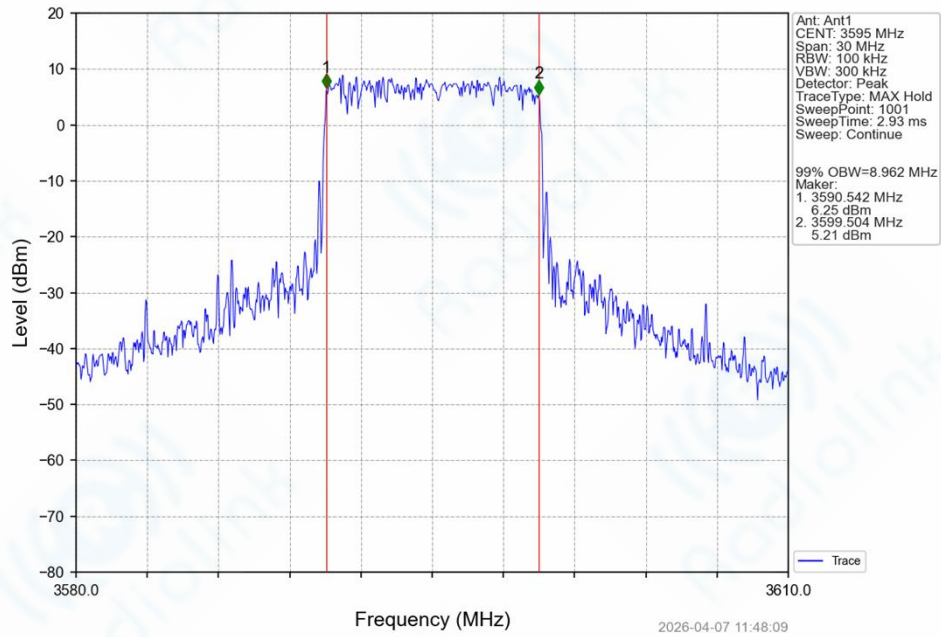


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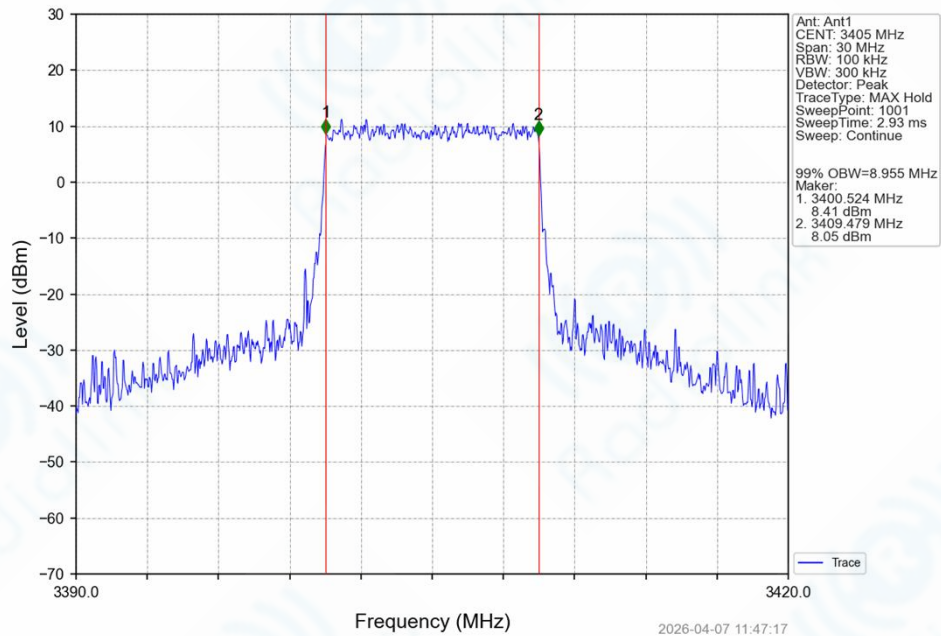

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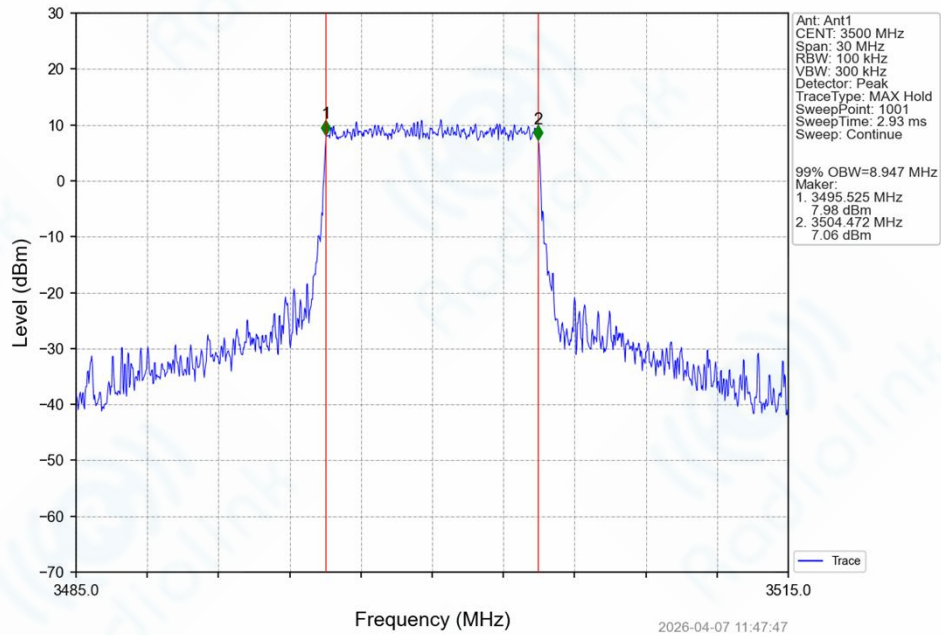


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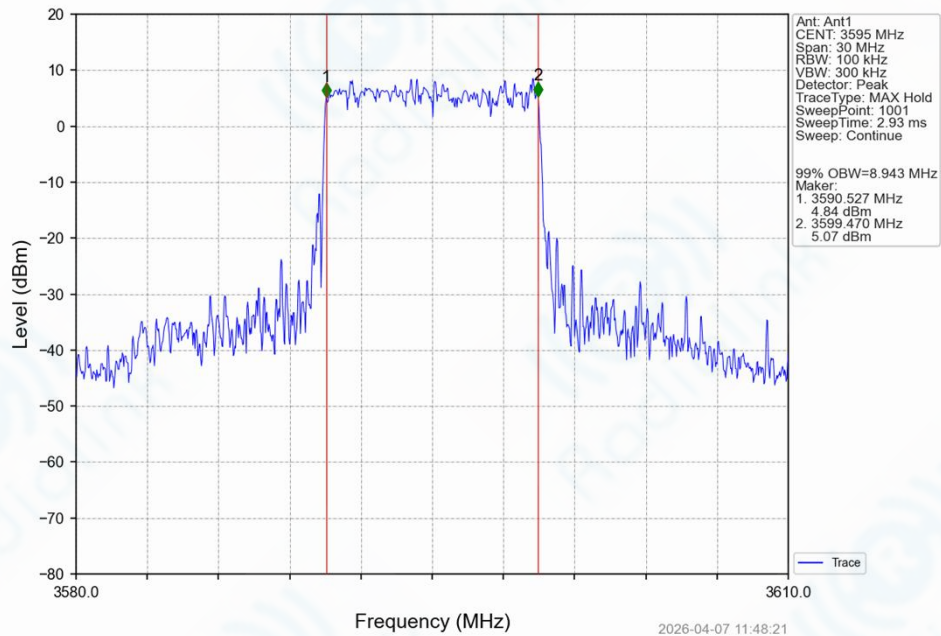

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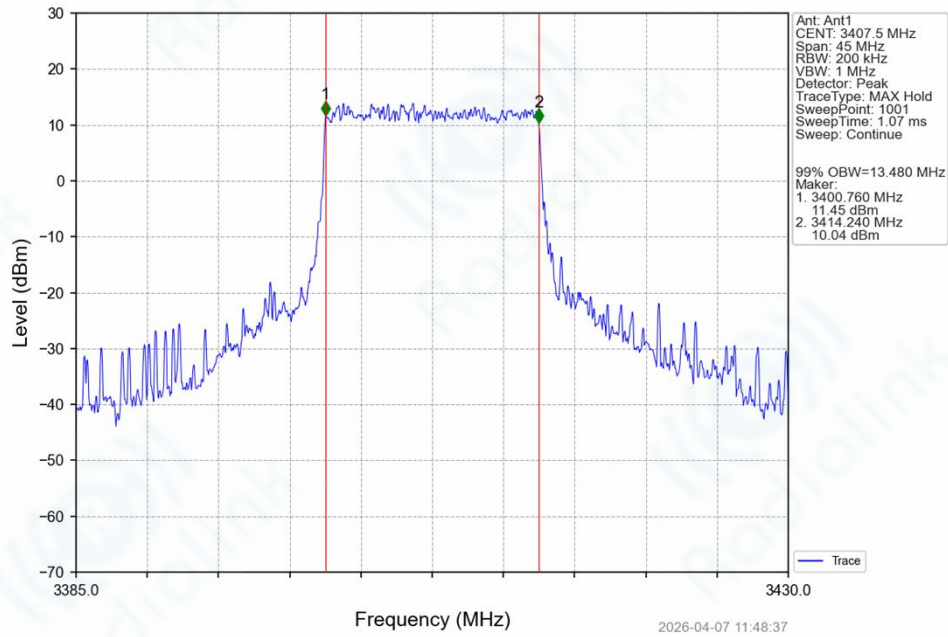
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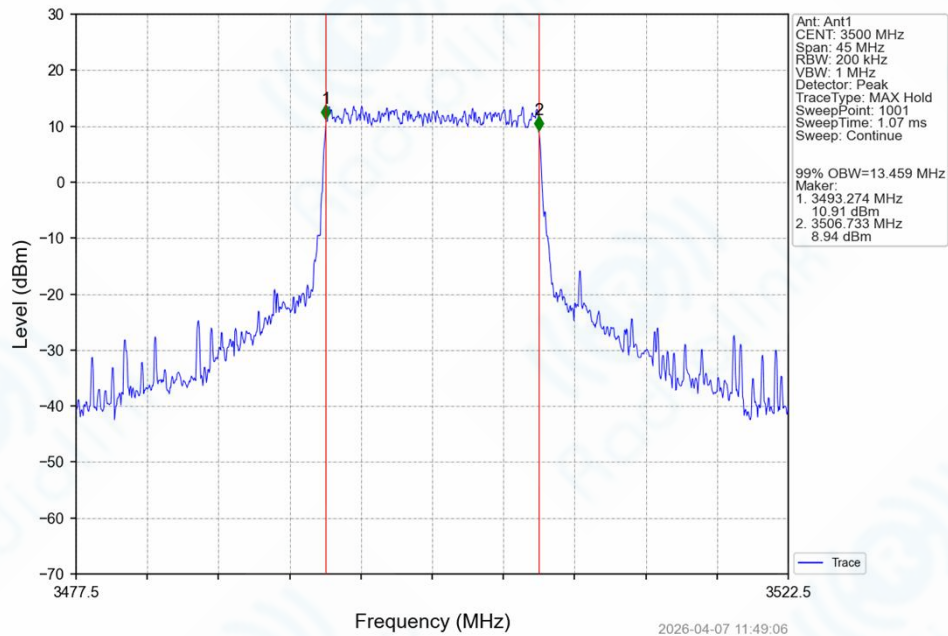
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Band42_15MHz_QPSK_LCH_3407.5MHz_RB_75_0_NTNV



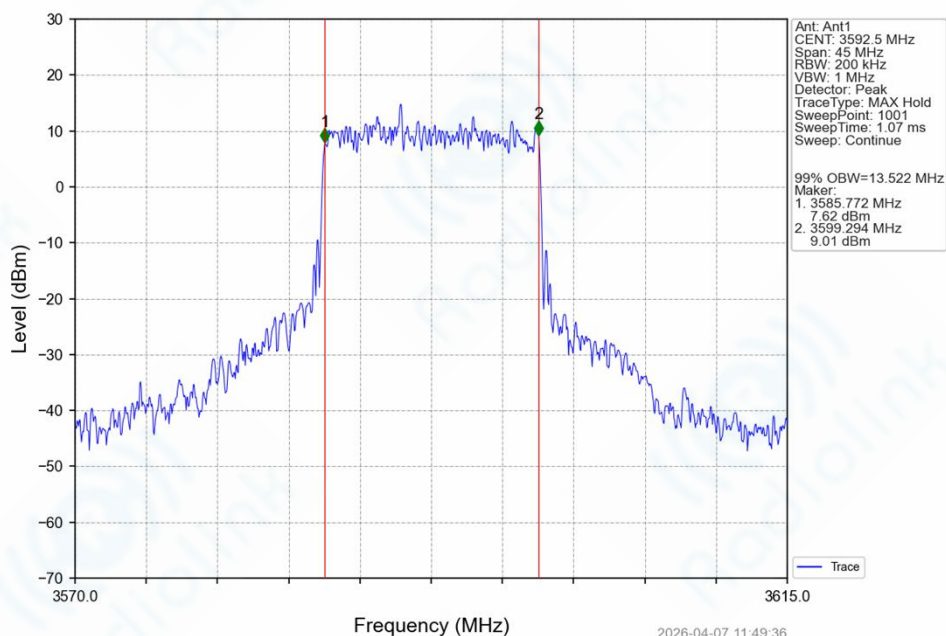
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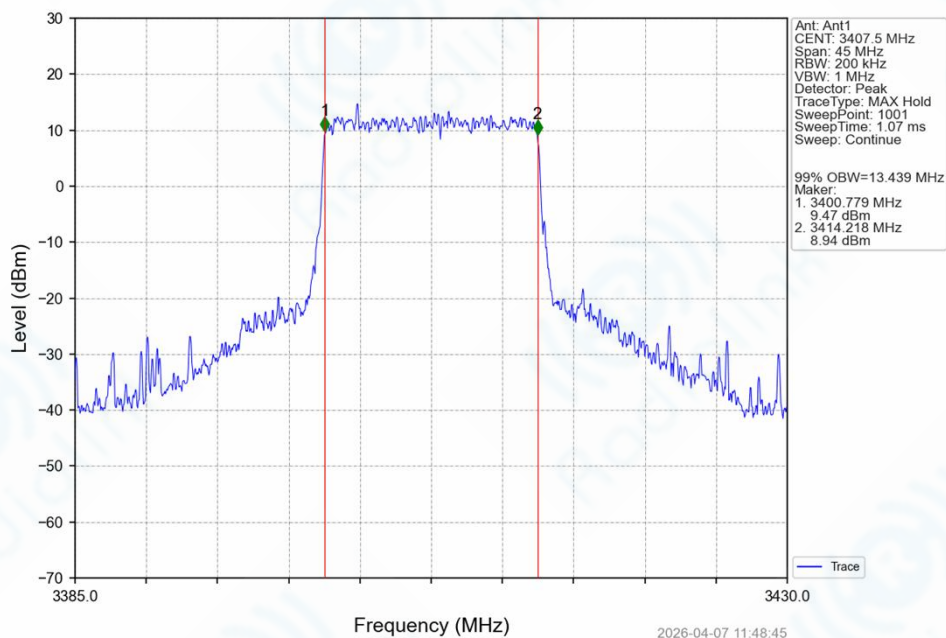
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Band42_15MHz_QPSK_HCH_3592.5MHz_RB_75_0_NTNV

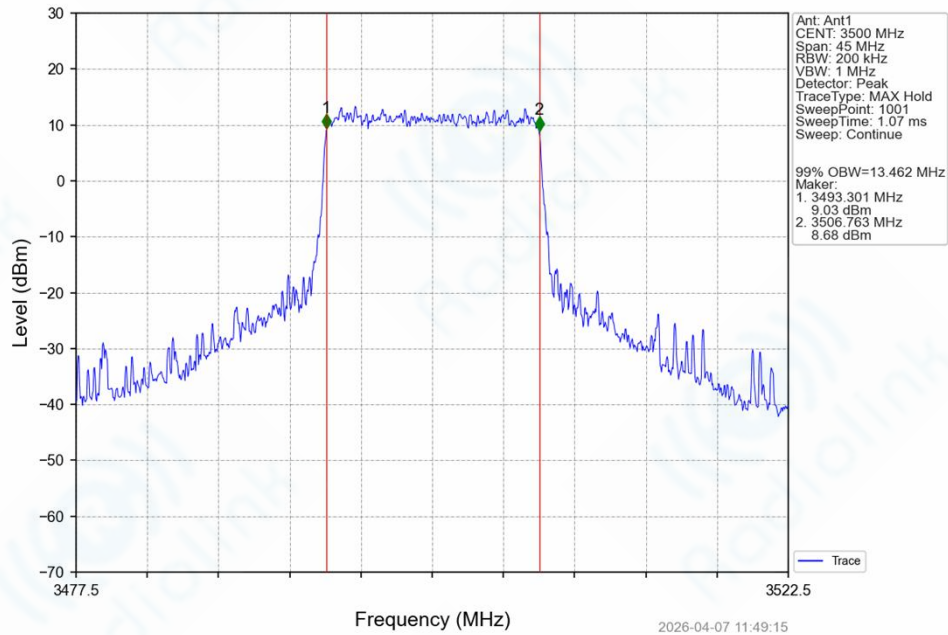


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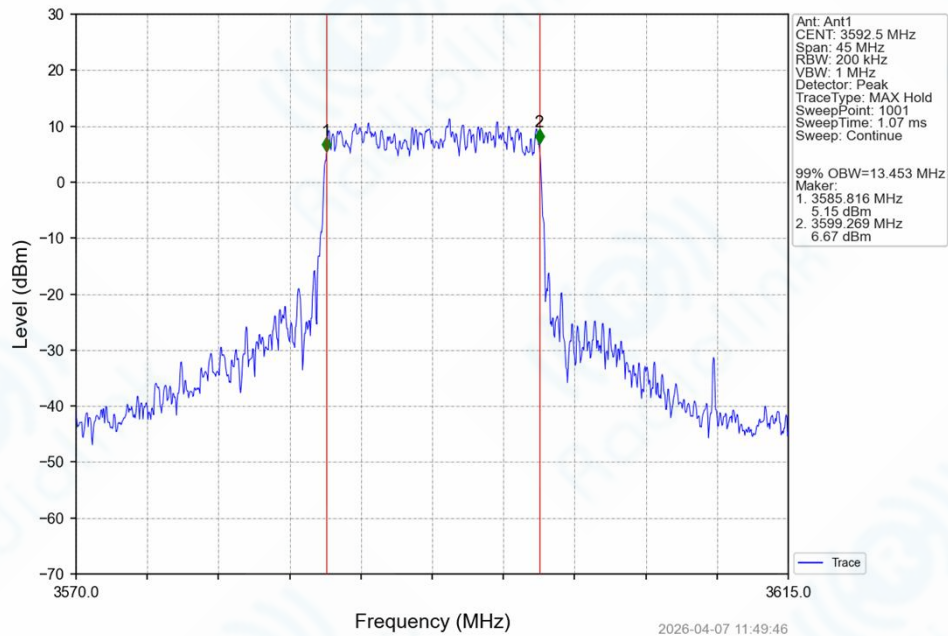

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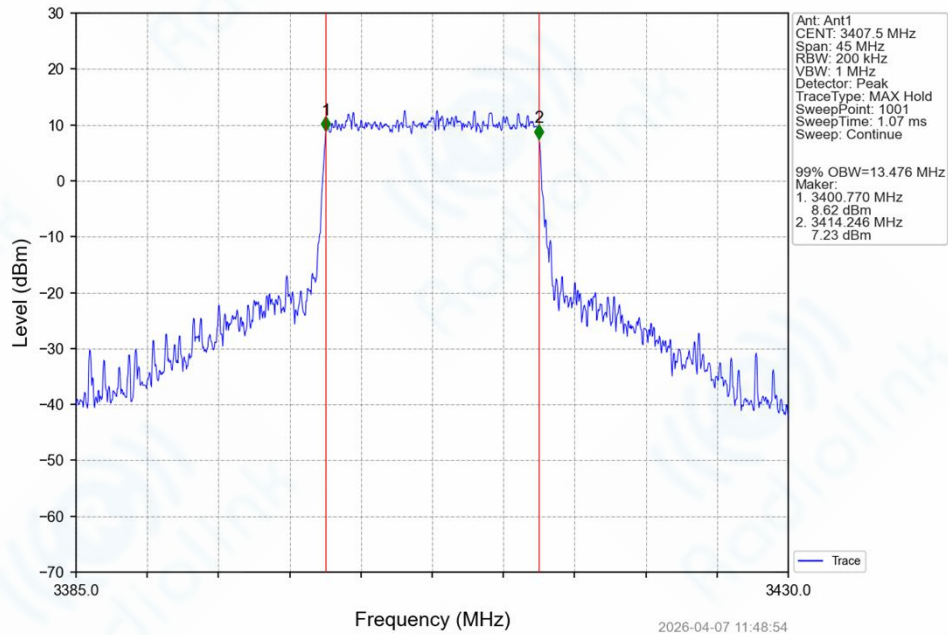
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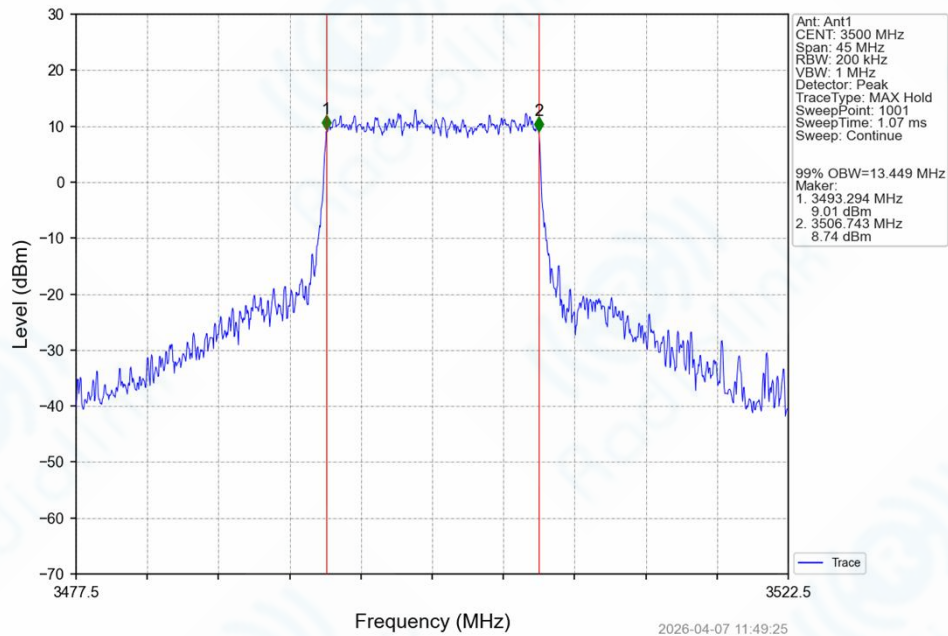
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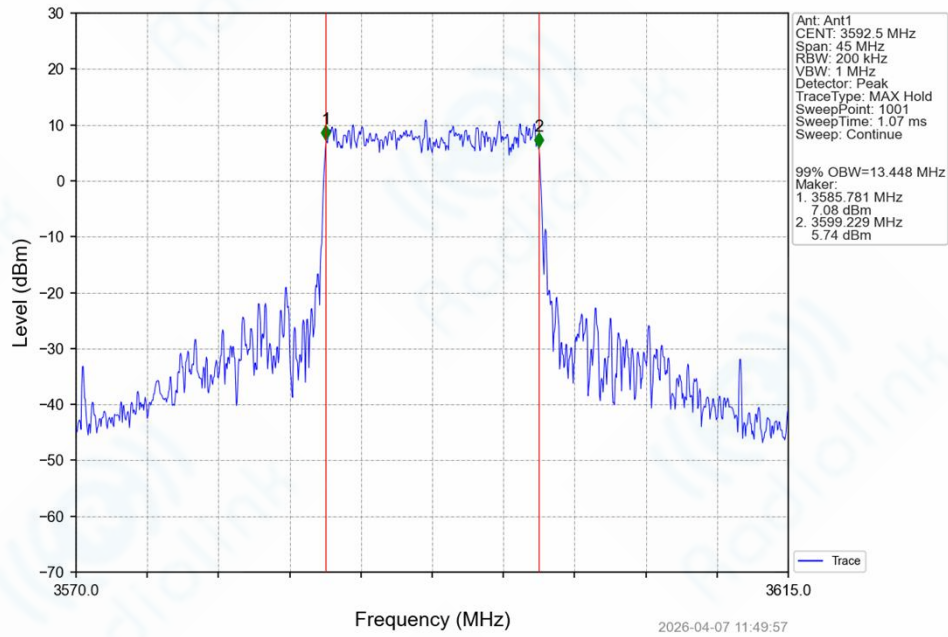
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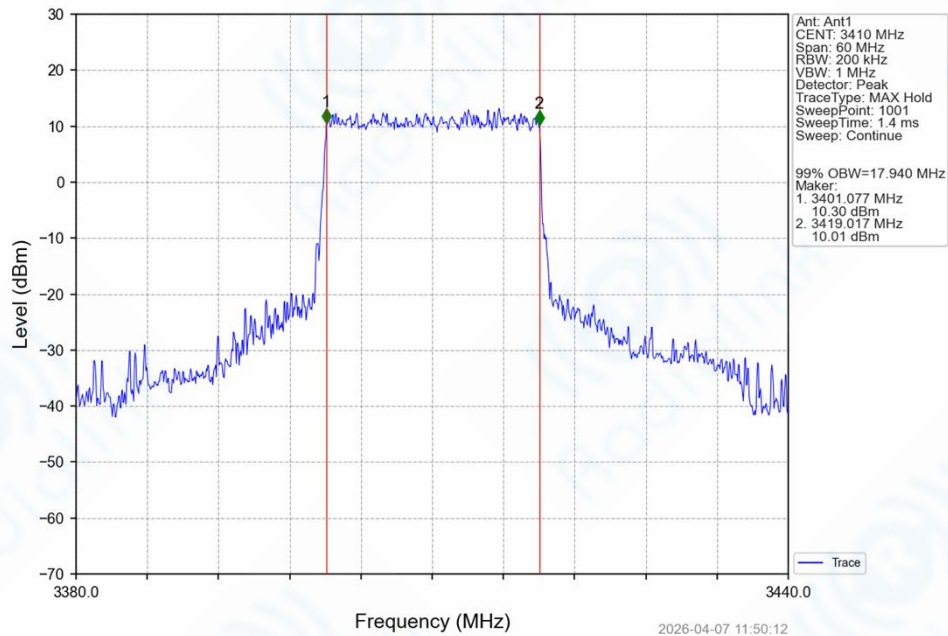
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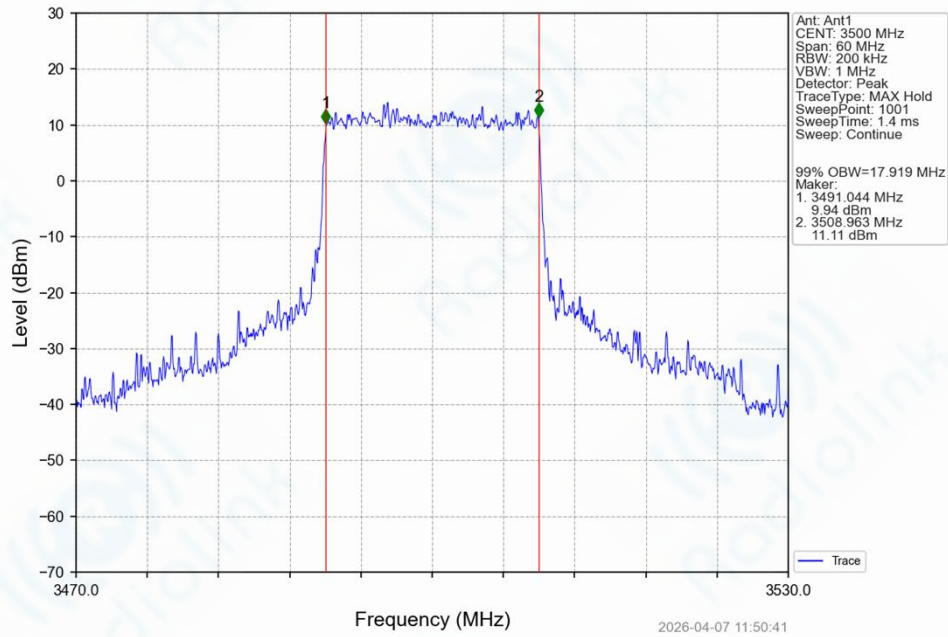
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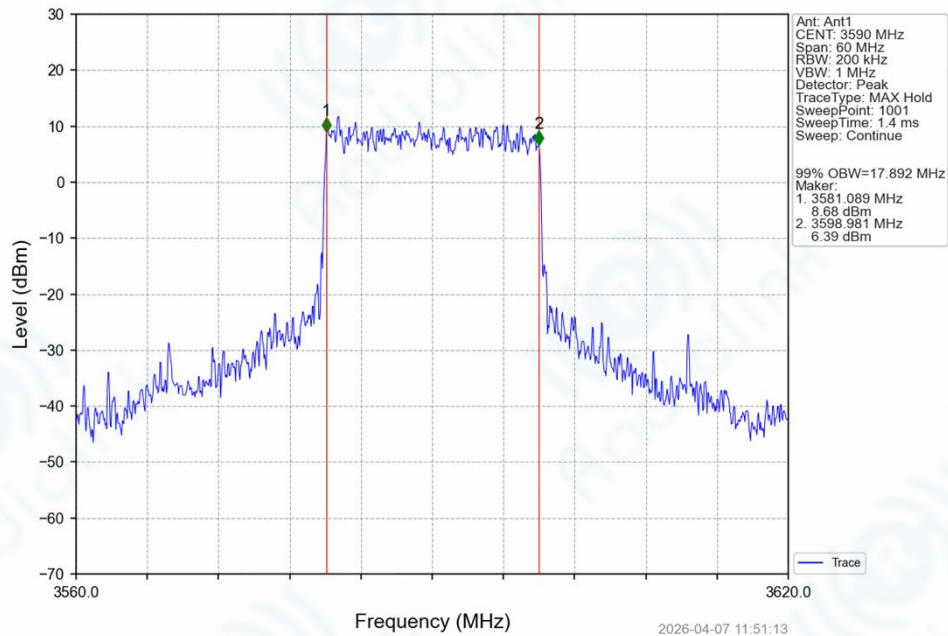
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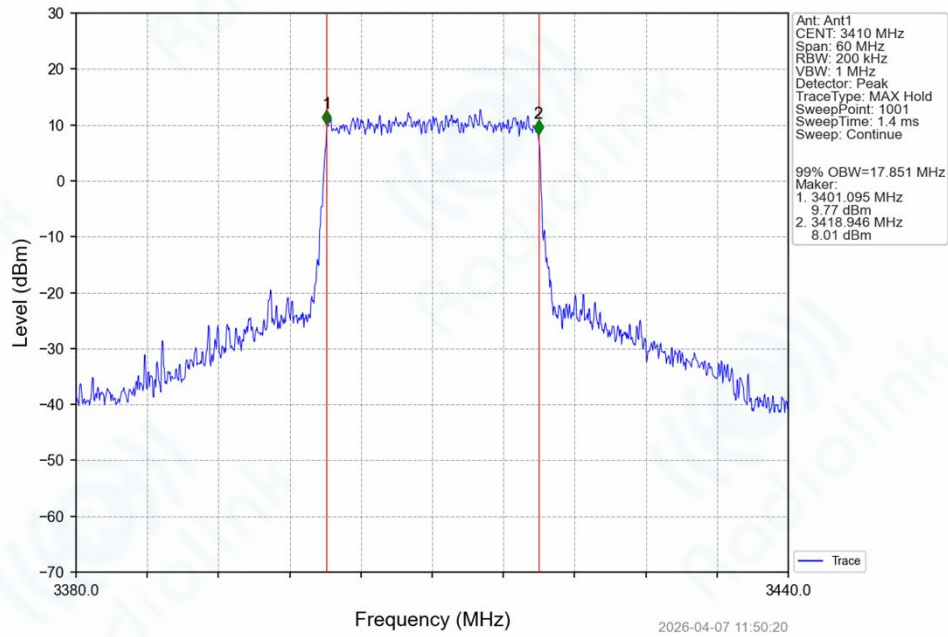
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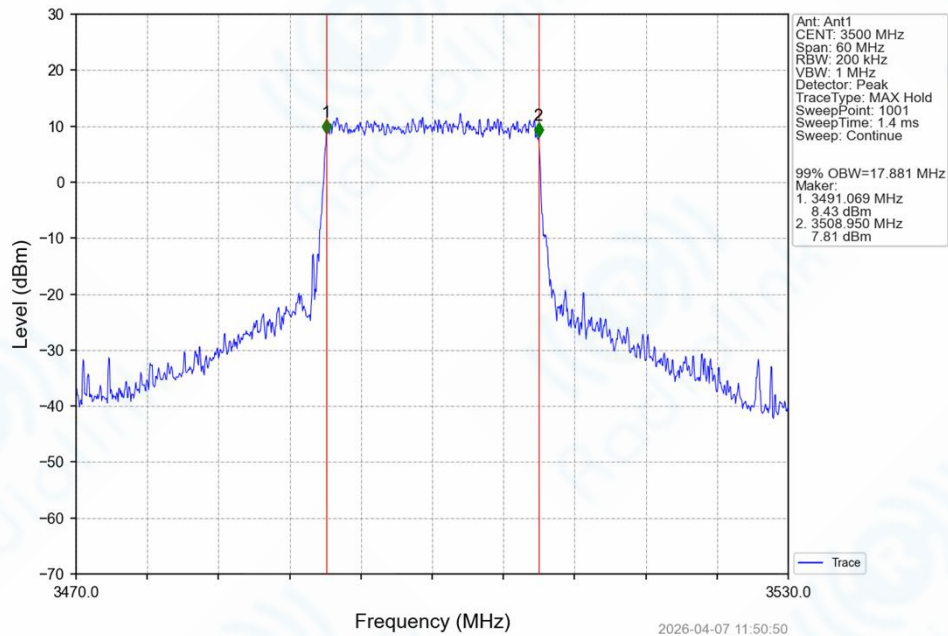
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Band42_20MHz_16QAM_LCH_3410MHz_RB_100_0_NTNV



Band42_20MHz_16QAM_MCH_3500MHz_RB_100_0_NTNV


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