

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.74	1.06	22.80	<=30	Pass
			2	21.82	1.06	22.88	<=30	Pass
			5	21.89	1.06	22.95	<=30	Pass
		3	0	21.86	1.06	22.92	<=30	Pass
			2	21.94	1.06	23.00	<=30	Pass
			3	21.90	1.06	22.96	<=30	Pass
		6	0	21.34	1.06	22.40	<=30	Pass
	1732.5	1	0	21.58	1.06	22.64	<=30	Pass
			2	21.74	1.06	22.80	<=30	Pass
			5	21.83	1.06	22.89	<=30	Pass
		3	0	21.68	1.06	22.74	<=30	Pass
			2	21.72	1.06	22.78	<=30	Pass
			3	21.68	1.06	22.74	<=30	Pass
		6	0	21.16	1.06	22.22	<=30	Pass
	1754.3	1	0	21.60	1.06	22.66	<=30	Pass
			2	21.55	1.06	22.61	<=30	Pass
			5	21.61	1.06	22.67	<=30	Pass
		3	0	21.53	1.06	22.59	<=30	Pass
			2	21.58	1.06	22.64	<=30	Pass
			3	21.54	1.06	22.60	<=30	Pass
		6	0	21.05	1.06	22.11	<=30	Pass
16QAM	1710.7	1	0	21.00	1.06	22.06	<=30	Pass
			2	20.90	1.06	21.96	<=30	Pass
			5	20.90	1.06	21.96	<=30	Pass
		3	0	20.77	1.06	21.83	<=30	Pass
			2	20.82	1.06	21.88	<=30	Pass
			3	20.79	1.06	21.85	<=30	Pass
		6	0	20.03	1.06	21.09	<=30	Pass
	1732.5	1	0	21.40	1.06	22.46	<=30	Pass
			2	21.42	1.06	22.48	<=30	Pass
			5	21.41	1.06	22.47	<=30	Pass
		3	0	20.96	1.06	22.02	<=30	Pass
			2	21.04	1.06	22.10	<=30	Pass
			3	20.90	1.06	21.96	<=30	Pass
		6	0	19.97	1.06	21.03	<=30	Pass
	1754.3	1	0	21.36	1.06	22.42	<=30	Pass
			2	21.38	1.06	22.44	<=30	Pass
			5	21.39	1.06	22.45	<=30	Pass
		3	0	20.25	1.06	21.31	<=30	Pass
			2	20.27	1.06	21.33	<=30	Pass
			3	20.28	1.06	21.34	<=30	Pass
		6	0	19.69	1.06	20.75	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.80	1.06	22.86	<=30	Pass
			7	21.85	1.06	22.91	<=30	Pass
			14	21.74	1.06	22.80	<=30	Pass
		8	0	21.33	1.06	22.39	<=30	Pass
			4	21.36	1.06	22.42	<=30	Pass
			7	21.24	1.06	22.30	<=30	Pass
		15	0	21.47	1.06	22.53	<=30	Pass
	1732.5	1	0	21.66	1.06	22.72	<=30	Pass
			7	21.62	1.06	22.68	<=30	Pass
			14	21.53	1.06	22.59	<=30	Pass
		8	0	21.13	1.06	22.19	<=30	Pass
			4	21.17	1.06	22.23	<=30	Pass
			7	21.12	1.06	22.18	<=30	Pass
		15	0	21.11	1.06	22.17	<=30	Pass
	1753.5	1	0	21.80	1.06	22.86	<=30	Pass
			7	21.85	1.06	22.91	<=30	Pass
			14	21.71	1.06	22.77	<=30	Pass
		8	0	21.00	1.06	22.06	<=30	Pass
			4	21.03	1.06	22.09	<=30	Pass
			7	21.12	1.06	22.18	<=30	Pass
		15	0	21.04	1.06	22.10	<=30	Pass
16QAM	1711.5	1	0	21.53	1.06	22.59	<=30	Pass
			7	21.56	1.06	22.62	<=30	Pass
			14	21.42	1.06	22.48	<=30	Pass
		8	0	19.98	1.06	21.04	<=30	Pass
			4	20.02	1.06	21.08	<=30	Pass
			7	19.91	1.06	20.97	<=30	Pass
		15	0	19.99	1.06	21.05	<=30	Pass
	1732.5	1	0	21.42	1.06	22.48	<=30	Pass
			7	21.47	1.06	22.53	<=30	Pass
			14	21.43	1.06	22.49	<=30	Pass
		8	0	20.00	1.06	21.06	<=30	Pass
			4	20.07	1.06	21.13	<=30	Pass
			7	20.04	1.06	21.10	<=30	Pass
		15	0	19.84	1.06	20.90	<=30	Pass
	1753.5	1	0	21.22	1.06	22.28	<=30	Pass
			7	21.17	1.06	22.23	<=30	Pass
			14	21.15	1.06	22.21	<=30	Pass
		8	0	19.84	1.06	20.90	<=30	Pass
			4	19.79	1.06	20.85	<=30	Pass
			7	19.87	1.06	20.93	<=30	Pass
		15	0	19.71	1.06	20.77	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.82	1.06	22.88	<=30	Pass
			13	21.51	1.06	22.57	<=30	Pass
			24	21.52	1.06	22.58	<=30	Pass
		12	0	21.32	1.06	22.38	<=30	Pass
			6	21.19	1.06	22.25	<=30	Pass
			13	21.29	1.06	22.35	<=30	Pass

16QAM	1732.5	25	0	21.17	1.06	22.23	<=30	Pass
		1	0	21.59	1.06	22.65	<=30	Pass
			13	21.57	1.06	22.63	<=30	Pass
			24	21.64	1.06	22.70	<=30	Pass
		12	0	21.18	1.06	22.24	<=30	Pass
			6	21.14	1.06	22.20	<=30	Pass
			13	21.14	1.06	22.20	<=30	Pass
		25	0	21.15	1.06	22.21	<=30	Pass
	1752.5	1	0	21.51	1.06	22.57	<=30	Pass
			13	21.54	1.06	22.60	<=30	Pass
			24	21.54	1.06	22.60	<=30	Pass
		12	0	21.04	1.06	22.10	<=30	Pass
			6	20.92	1.06	21.98	<=30	Pass
			13	21.02	1.06	22.08	<=30	Pass
		25	0	20.99	1.06	22.05	<=30	Pass
	1712.5	1	0	21.50	1.06	22.56	<=30	Pass
			13	21.38	1.06	22.44	<=30	Pass
			24	21.42	1.06	22.48	<=30	Pass
		12	0	19.94	1.06	21.00	<=30	Pass
			6	19.89	1.06	20.95	<=30	Pass
			13	19.89	1.06	20.95	<=30	Pass
		25	0	19.92	1.06	20.98	<=30	Pass
	1732.5	1	0	21.33	1.06	22.39	<=30	Pass
			13	21.39	1.06	22.45	<=30	Pass
			24	21.31	1.06	22.37	<=30	Pass
		12	0	19.76	1.06	20.82	<=30	Pass
			6	19.75	1.06	20.81	<=30	Pass
			13	19.81	1.06	20.87	<=30	Pass
		25	0	19.77	1.06	20.83	<=30	Pass
	1752.5	1	0	20.34	1.06	21.40	<=30	Pass
			13	20.27	1.06	21.33	<=30	Pass
			24	20.27	1.06	21.33	<=30	Pass
		12	0	19.56	1.06	20.62	<=30	Pass
			6	19.53	1.06	20.59	<=30	Pass
			13	19.56	1.06	20.62	<=30	Pass
		25	0	19.66	1.06	20.72	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.82	1.06	22.88	<=30	Pass
			25	21.66	1.06	22.72	<=30	Pass
			49	21.73	1.06	22.79	<=30	Pass
		25	0	21.14	1.06	22.20	<=30	Pass
			13	21.20	1.06	22.26	<=30	Pass
			25	21.15	1.06	22.21	<=30	Pass
		50	0	21.34	1.06	22.40	<=30	Pass
	1732.5	1	0	21.74	1.06	22.80	<=30	Pass
			25	21.57	1.06	22.63	<=30	Pass
			49	21.57	1.06	22.63	<=30	Pass
		25	0	21.21	1.06	22.27	<=30	Pass
			13	20.96	1.06	22.02	<=30	Pass
			25	21.22	1.06	22.28	<=30	Pass
		50	0	21.15	1.06	22.21	<=30	Pass

16QAM	1750	1	0	21.44	1.06	22.50	<=30	Pass
			25	21.49	1.06	22.55	<=30	Pass
			49	21.51	1.06	22.57	<=30	Pass
		25	0	21.07	1.06	22.13	<=30	Pass
			13	21.08	1.06	22.14	<=30	Pass
			25	20.98	1.06	22.04	<=30	Pass
		50	0	21.02	1.06	22.08	<=30	Pass
	1715	1	0	20.81	1.06	21.87	<=30	Pass
			25	20.77	1.06	21.83	<=30	Pass
			49	21.05	1.06	22.11	<=30	Pass
		25	0	20.08	1.06	21.14	<=30	Pass
			13	20.04	1.06	21.10	<=30	Pass
			25	20.09	1.06	21.15	<=30	Pass
		50	0	19.95	1.06	21.01	<=30	Pass
	1732.5	1	0	22.00	1.06	23.06	<=30	Pass
			25	22.00	1.06	23.06	<=30	Pass
			49	21.92	1.06	22.98	<=30	Pass
		25	0	19.74	1.06	20.80	<=30	Pass
			13	19.84	1.06	20.90	<=30	Pass
			25	19.83	1.06	20.89	<=30	Pass
		50	0	19.78	1.06	20.84	<=30	Pass
	1750	1	0	21.38	1.06	22.44	<=30	Pass
			25	21.37	1.06	22.43	<=30	Pass
			49	21.36	1.06	22.42	<=30	Pass
		25	0	19.64	1.06	20.70	<=30	Pass
			13	19.62	1.06	20.68	<=30	Pass
			25	19.54	1.06	20.60	<=30	Pass
		50	0	19.65	1.06	20.71	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.61	1.06	22.67	<=30	Pass
			38	21.55	1.06	22.61	<=30	Pass
			74	21.50	1.06	22.56	<=30	Pass
		36	0	21.25	1.06	22.31	<=30	Pass
			18	21.16	1.06	22.22	<=30	Pass
			39	21.14	1.06	22.20	<=30	Pass
		75	0	21.25	1.06	22.31	<=30	Pass
	1732.5	1	0	21.78	1.06	22.84	<=30	Pass
			38	21.71	1.06	22.77	<=30	Pass
			74	21.69	1.06	22.75	<=30	Pass
		36	0	21.15	1.06	22.21	<=30	Pass
			18	21.18	1.06	22.24	<=30	Pass
			39	21.13	1.06	22.19	<=30	Pass
		75	0	21.13	1.06	22.19	<=30	Pass
	1747.5	1	0	21.54	1.06	22.60	<=30	Pass
			38	21.45	1.06	22.51	<=30	Pass
			74	21.53	1.06	22.59	<=30	Pass
		36	0	21.06	1.06	22.12	<=30	Pass
			18	21.11	1.06	22.17	<=30	Pass
			39	21.09	1.06	22.15	<=30	Pass
		75	0	20.94	1.06	22.00	<=30	Pass
16QAM	1717.5	1	0	21.62	1.06	22.68	<=30	Pass

	1732.5	36	38	21.44	1.06	22.50	<=30	Pass
			74	21.44	1.06	22.50	<=30	Pass
			0	19.93	1.06	20.99	<=30	Pass
		75	18	19.92	1.06	20.98	<=30	Pass
			39	19.94	1.06	21.00	<=30	Pass
			0	19.85	1.06	20.91	<=30	Pass
	1747.5	1	0	22.01	1.06	23.07	<=30	Pass
			38	22.01	1.06	23.07	<=30	Pass
			74	21.99	1.06	23.05	<=30	Pass
		36	0	19.71	1.06	20.77	<=30	Pass
			18	19.73	1.06	20.79	<=30	Pass
			39	19.67	1.06	20.73	<=30	Pass
		75	0	19.83	1.06	20.89	<=30	Pass
			0	21.37	1.06	22.43	<=30	Pass
		1	38	21.37	1.06	22.43	<=30	Pass
			74	21.35	1.06	22.41	<=30	Pass
		36	0	19.80	1.06	20.86	<=30	Pass
			18	19.73	1.06	20.79	<=30	Pass
			39	19.82	1.06	20.88	<=30	Pass
		75	0	19.64	1.06	20.70	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.84	1.06	22.90	<=30	Pass
			50	21.72	1.06	22.78	<=30	Pass
			99	21.63	1.06	22.69	<=30	Pass
		50	0	21.17	1.06	22.23	<=30	Pass
			25	21.19	1.06	22.25	<=30	Pass
			50	21.20	1.06	22.26	<=30	Pass
		100	0	21.22	1.06	22.28	<=30	Pass
	1732.5	1	0	21.80	1.06	22.86	<=30	Pass
			50	21.77	1.06	22.83	<=30	Pass
			99	21.69	1.06	22.75	<=30	Pass
		50	0	21.25	1.06	22.31	<=30	Pass
			25	21.24	1.06	22.30	<=30	Pass
			50	21.03	1.06	22.09	<=30	Pass
		100	0	21.15	1.06	22.21	<=30	Pass
	1745	1	0	21.68	1.06	22.74	<=30	Pass
			50	21.64	1.06	22.70	<=30	Pass
			99	21.57	1.06	22.63	<=30	Pass
		50	0	21.10	1.06	22.16	<=30	Pass
			25	21.00	1.06	22.06	<=30	Pass
			50	21.02	1.06	22.08	<=30	Pass
		100	0	21.07	1.06	22.13	<=30	Pass
16QAM	1720	1	0	22.13	1.06	23.19	<=30	Pass
			50	22.12	1.06	23.18	<=30	Pass
			99	22.03	1.06	23.09	<=30	Pass
		50	0	19.91	1.06	20.97	<=30	Pass
			25	19.95	1.06	21.01	<=30	Pass
			50	19.86	1.06	20.92	<=30	Pass
		100	0	20.01	1.06	21.07	<=30	Pass
	1732.5	1	0	21.25	1.06	22.31	<=30	Pass
			50	21.27	1.06	22.33	<=30	Pass

		50	99	21.19	1.06	22.25	<=30	Pass
			0	19.78	1.06	20.84	<=30	Pass
			25	19.73	1.06	20.79	<=30	Pass
			50	19.71	1.06	20.77	<=30	Pass
	1745	100	0	19.75	1.06	20.81	<=30	Pass
			0	20.74	1.06	21.80	<=30	Pass
			50	20.74	1.06	21.80	<=30	Pass
		1	99	20.68	1.06	21.74	<=30	Pass
			0	19.71	1.06	20.77	<=30	Pass
			25	19.70	1.06	20.76	<=30	Pass
			50	19.71	1.06	20.77	<=30	Pass
		50	0	19.70	1.06	20.76	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-21.071	-0.0123	-2.5 to 2.5	Pass
					3.85	-36.078	-0.0211	-2.5 to 2.5	Pass
					4.43	-16.837	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-15.235	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-30.956	-0.0181	-2.5 to 2.5	Pass
				-10	3.85	-9.556	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-37.551	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-29.740	-0.0174	-2.5 to 2.5	Pass
				30	3.85	-17.838	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-28.081	-0.0164	-2.5 to 2.5	Pass
				50	3.85	-30.112	-0.0176	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	29.626	0.0171	-2.5 to 2.5	Pass
					3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
					4.43	-27.194	-0.0157	-2.5 to 2.5	Pass
				-30	3.85	-20.871	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-23.775	-0.0137	-2.5 to 2.5	Pass
				-10	3.85	-14.577	-0.0084	-2.5 to 2.5	Pass
				0	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				10	3.85	-22.988	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-22.116	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-29.583	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-29.597	-0.0171	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	29.855	0.0170	-2.5 to 2.5	Pass
					3.85	17.967	0.0102	-2.5 to 2.5	Pass
					4.43	-7.195	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	6.866	0.0039	-2.5 to 2.5	Pass
				-20	3.85	20.671	0.0118	-2.5 to 2.5	Pass
				-10	3.85	22.402	0.0128	-2.5 to 2.5	Pass
				0	3.85	25.163	0.0143	-2.5 to 2.5	Pass
				10	3.85	11.101	0.0063	-2.5 to 2.5	Pass
				30	3.85	-22.345	-0.0127	-2.5 to 2.5	Pass
				40	3.85	-27.623	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-33.031	-0.0188	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-23.618	-0.0138	-2.5 to 2.5	Pass
					3.85	-35.148	-0.0205	-2.5 to 2.5	Pass
					4.43	-40.898	-0.0239	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-13.890	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-14.448	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-31.443	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0043	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-38.481	-0.0222	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
					4.43	17.796	0.0103	-2.5 to 2.5	Pass
				-30	3.85	17.710	0.0102	-2.5 to 2.5	Pass
				-20	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				-10	3.85	34.418	0.0199	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				30	3.85	-10.715	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-20.213	-0.0117	-2.5 to 2.5	Pass
				50	3.85	-22.745	-0.0131	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-28.968	-0.0165	-2.5 to 2.5	Pass
					3.85	12.445	0.0071	-2.5 to 2.5	Pass
					4.43	10.028	0.0057	-2.5 to 2.5	Pass
				-30	3.85	32.501	0.0185	-2.5 to 2.5	Pass
				-20	3.85	2.518	0.0014	-2.5 to 2.5	Pass
				-10	3.85	22.645	0.0129	-2.5 to 2.5	Pass
				0	3.85	30.842	0.0176	-2.5 to 2.5	Pass
				10	3.85	35.992	0.0205	-2.5 to 2.5	Pass
				30	3.85	35.720	0.0204	-2.5 to 2.5	Pass
				40	3.85	40.970	0.0234	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	26.279	0.0154	-2.5 to 2.5	Pass
					3.85	-20.757	-0.0121	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-17.767	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-31.672	-0.0185	-2.5 to 2.5	Pass
				0	3.85	-29.826	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-30.842	-0.0180	-2.5 to 2.5	Pass
				30	3.85	-29.569	-0.0173	-2.5 to 2.5	Pass
				40	3.85	-29.583	-0.0173	-2.5 to 2.5	Pass
				50	3.85	-25.563	-0.0149	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.279	-0.0030	-2.5 to 2.5	Pass
					3.85	-19.555	-0.0113	-2.5 to 2.5	Pass
					4.43	-40.641	-0.0235	-2.5 to 2.5	Pass
				-30	3.85	11.144	0.0064	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-26.736	-0.0154	-2.5 to 2.5	Pass
				0	3.85	-12.374	-0.0071	-2.5 to 2.5	Pass

				10	3.85	6.008	0.0035	-2.5 to 2.5	Pass
				30	3.85	16.022	0.0092	-2.5 to 2.5	Pass
				40	3.85	21.429	0.0124	-2.5 to 2.5	Pass
				50	3.85	18.454	0.0107	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	27.652	0.0158	-2.5 to 2.5	Pass
					3.85	12.202	0.0070	-2.5 to 2.5	Pass
					4.43	-9.098	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-13.719	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-29.039	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-30.470	-0.0174	-2.5 to 2.5	Pass
				0	3.85	-35.005	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-25.463	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-12.302	-0.0070	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				50	3.85	5.622	0.0032	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.591	-0.0021	-2.5 to 2.5	Pass
					3.85	4.134	0.0024	-2.5 to 2.5	Pass
					4.43	9.341	0.0055	-2.5 to 2.5	Pass
				-30	3.85	9.413	0.0055	-2.5 to 2.5	Pass
				-20	3.85	8.855	0.0052	-2.5 to 2.5	Pass
				-10	3.85	6.781	0.0040	-2.5 to 2.5	Pass
				0	3.85	7.410	0.0043	-2.5 to 2.5	Pass
				10	3.85	11.215	0.0066	-2.5 to 2.5	Pass
				30	3.85	28.839	0.0169	-2.5 to 2.5	Pass
				40	3.85	37.079	0.0217	-2.5 to 2.5	Pass
				50	3.85	25.492	0.0149	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	16.379	0.0095	-2.5 to 2.5	Pass
					3.85	21.558	0.0124	-2.5 to 2.5	Pass
					4.43	14.319	0.0083	-2.5 to 2.5	Pass
				-30	3.85	35.462	0.0205	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				-10	3.85	27.294	0.0158	-2.5 to 2.5	Pass
				0	3.85	-9.513	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				40	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				50	3.85	7.339	0.0042	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-5.608	-0.0032	-2.5 to 2.5	Pass
					3.85	21.143	0.0121	-2.5 to 2.5	Pass
					4.43	7.882	0.0045	-2.5 to 2.5	Pass
				-30	3.85	21.958	0.0125	-2.5 to 2.5	Pass
				-20	3.85	24.562	0.0140	-2.5 to 2.5	Pass
				-10	3.85	17.352	0.0099	-2.5 to 2.5	Pass
				0	3.85	19.999	0.0114	-2.5 to 2.5	Pass
				10	3.85	27.237	0.0155	-2.5 to 2.5	Pass
				30	3.85	41.771	0.0238	-2.5 to 2.5	Pass
				40	3.85	16.565	0.0094	-2.5 to 2.5	Pass
				50	3.85	-19.655	-0.0112	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	12.131	0.0071	-2.5 to 2.5	Pass
					3.85	-14.019	-0.0082	-2.5 to 2.5	Pass
					4.43	-19.727	-0.0115	-2.5 to 2.5	Pass

				-30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-33.503	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-18.110	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-33.002	-0.0193	-2.5 to 2.5	Pass
				10	3.85	-16.150	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-22.330	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-29.082	-0.0170	-2.5 to 2.5	Pass
				50	3.85	2.332	0.0014	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	1.574	0.0009	-2.5 to 2.5	Pass
					3.85	-11.072	-0.0064	-2.5 to 2.5	Pass
					4.43	-6.895	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-26.407	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-36.206	-0.0209	-2.5 to 2.5	Pass
				-10	3.85	-34.032	-0.0196	-2.5 to 2.5	Pass
				0	3.85	11.387	0.0066	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-30.527	-0.0176	-2.5 to 2.5	Pass
				50	3.85	-26.579	-0.0153	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	32.716	0.0187	-2.5 to 2.5	Pass
					3.85	23.775	0.0136	-2.5 to 2.5	Pass
					4.43	19.598	0.0112	-2.5 to 2.5	Pass
				-30	3.85	20.485	0.0117	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-9.370	-0.0053	-2.5 to 2.5	Pass
				10	3.85	-27.881	-0.0159	-2.5 to 2.5	Pass
				30	3.85	6.495	0.0037	-2.5 to 2.5	Pass
				40	3.85	-14.577	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-15.078	-0.0086	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-25.520	-0.0149	-2.5 to 2.5	Pass
					3.85	9.842	0.0057	-2.5 to 2.5	Pass
					4.43	32.587	0.0190	-2.5 to 2.5	Pass
				-30	3.85	10.099	0.0059	-2.5 to 2.5	Pass
				-20	3.85	15.078	0.0088	-2.5 to 2.5	Pass
				-10	3.85	14.377	0.0084	-2.5 to 2.5	Pass
				0	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-17.753	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-30.842	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-35.663	-0.0208	-2.5 to 2.5	Pass
				50	3.85	17.867	0.0104	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-28.410	-0.0164	-2.5 to 2.5	Pass
					3.85	-16.422	-0.0095	-2.5 to 2.5	Pass
					4.43	3.705	0.0021	-2.5 to 2.5	Pass
				-30	3.85	35.205	0.0203	-2.5 to 2.5	Pass
				-20	3.85	-12.703	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				0	3.85	7.267	0.0042	-2.5 to 2.5	Pass
				10	3.85	23.661	0.0137	-2.5 to 2.5	Pass
				30	3.85	31.242	0.0180	-2.5 to 2.5	Pass
				40	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				50	3.85	14.262	0.0082	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-11.187	-0.0064	-2.5 to 2.5	Pass
					3.85	24.476	0.0140	-2.5 to 2.5	Pass
					4.43	1.988	0.0011	-2.5 to 2.5	Pass
				-30	3.85	22.087	0.0126	-2.5 to 2.5	Pass
				-20	3.85	28.954	0.0165	-2.5 to 2.5	Pass
				-10	3.85	9.885	0.0056	-2.5 to 2.5	Pass
				0	3.85	28.453	0.0162	-2.5 to 2.5	Pass

				10	3.85	11.387	0.0065	-2.5 to 2.5	Pass
				30	3.85	26.464	0.0151	-2.5 to 2.5	Pass
				40	3.85	3.419	0.0020	-2.5 to 2.5	Pass
				50	3.85	15.721	0.0090	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-3.505	-0.0020	-2.5 to 2.5	Pass
					3.85	-22.945	-0.0134	-2.5 to 2.5	Pass
					4.43	-20.370	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-28.095	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-25.735	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-11.830	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-8.926	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-19.641	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-41.170	-0.0240	-2.5 to 2.5	Pass
				40	3.85	-15.292	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-31.500	-0.0184	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	12.817	0.0074	-2.5 to 2.5	Pass
					3.85	-19.913	-0.0115	-2.5 to 2.5	Pass
					4.43	-28.424	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-18.468	-0.0107	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-16.150	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-33.188	-0.0192	-2.5 to 2.5	Pass
				30	3.85	-42.572	-0.0246	-2.5 to 2.5	Pass
				40	3.85	9.484	0.0055	-2.5 to 2.5	Pass
				50	3.85	-12.560	-0.0072	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	24.261	0.0139	-2.5 to 2.5	Pass
					3.85	13.518	0.0077	-2.5 to 2.5	Pass
					4.43	9.499	0.0054	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-21.343	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-18.868	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-33.174	-0.0190	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-41.213	-0.0240	-2.5 to 2.5	Pass
					3.85	-24.676	-0.0144	-2.5 to 2.5	Pass
					4.43	-15.864	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-13.661	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-14.248	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	6.466	0.0038	-2.5 to 2.5	Pass
				0	3.85	24.662	0.0144	-2.5 to 2.5	Pass
				10	3.85	14.791	0.0086	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0033	-2.5 to 2.5	Pass
				40	3.85	25.091	0.0146	-2.5 to 2.5	Pass
				50	3.85	5.035	0.0029	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	2.933	0.0017	-2.5 to 2.5	Pass
					3.85	37.537	0.0217	-2.5 to 2.5	Pass
					4.43	19.555	0.0113	-2.5 to 2.5	Pass

				-30	3.85	23.232	0.0134	-2.5 to 2.5	Pass
				-20	3.85	19.312	0.0111	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-20.156	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-22.616	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-15.292	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-8.998	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-18.926	-0.0109	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-18.182	-0.0104	-2.5 to 2.5	Pass
					3.85	16.007	0.0091	-2.5 to 2.5	Pass
					4.43	16.251	0.0093	-2.5 to 2.5	Pass
				-30	3.85	35.362	0.0202	-2.5 to 2.5	Pass
				-20	3.85	22.988	0.0131	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0028	-2.5 to 2.5	Pass
				0	3.85	1.717	0.0010	-2.5 to 2.5	Pass
				10	3.85	-28.324	-0.0162	-2.5 to 2.5	Pass
				30	3.85	-13.261	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-35.276	-0.0202	-2.5 to 2.5	Pass
				50	3.85	-25.234	-0.0144	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-18.840	-0.0110	-2.5 to 2.5	Pass
					3.85	-31.943	-0.0186	-2.5 to 2.5	Pass
					4.43	-21.572	-0.0126	-2.5 to 2.5	Pass
				-30	3.85	-21.801	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	11.101	0.0065	-2.5 to 2.5	Pass
				-10	3.85	15.635	0.0091	-2.5 to 2.5	Pass
				0	3.85	8.512	0.0050	-2.5 to 2.5	Pass
				10	3.85	21.958	0.0128	-2.5 to 2.5	Pass
				30	3.85	32.845	0.0191	-2.5 to 2.5	Pass
				40	3.85	28.009	0.0163	-2.5 to 2.5	Pass
				50	3.85	26.808	0.0156	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	13.461	0.0078	-2.5 to 2.5	Pass
					3.85	7.353	0.0042	-2.5 to 2.5	Pass
					4.43	-16.665	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-12.817	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-17.653	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-28.439	-0.0164	-2.5 to 2.5	Pass
				30	3.85	-38.724	-0.0224	-2.5 to 2.5	Pass
				40	3.85	-25.063	-0.0145	-2.5 to 2.5	Pass
				50	3.85	-17.252	-0.0100	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	38.538	0.0221	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	-26.836	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-29.941	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-7.167	-0.0041	-2.5 to 2.5	Pass
				0	3.85	7.467	0.0043	-2.5 to 2.5	Pass
				10	3.85	8.354	0.0048	-2.5 to 2.5	Pass
				30	3.85	34.604	0.0198	-2.5 to 2.5	Pass
				40	3.85	18.682	0.0107	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	12.116	0.0069	-2.5 to 2.5	Pass
				20	3.27	-16.279	-0.0095	-2.5 to 2.5	Pass
					3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
					4.43	5.322	0.0031	-2.5 to 2.5	Pass
				-30	3.85	19.841	0.0116	-2.5 to 2.5	Pass
				-20	3.85	10.700	0.0062	-2.5 to 2.5	Pass
				-10	3.85	21.300	0.0124	-2.5 to 2.5	Pass
				0	3.85	33.059	0.0192	-2.5 to 2.5	Pass
				10	3.85	25.206	0.0147	-2.5 to 2.5	Pass
				30	3.85	6.580	0.0038	-2.5 to 2.5	Pass
	1732.5	75	0	40	3.85	32.644	0.0190	-2.5 to 2.5	Pass
				50	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				20	3.27	-7.110	-0.0041	-2.5 to 2.5	Pass
					3.85	18.425	0.0106	-2.5 to 2.5	Pass
					4.43	29.483	0.0170	-2.5 to 2.5	Pass
				-30	3.85	23.003	0.0133	-2.5 to 2.5	Pass
				-20	3.85	24.762	0.0143	-2.5 to 2.5	Pass
				-10	3.85	26.779	0.0155	-2.5 to 2.5	Pass
				0	3.85	42.944	0.0248	-2.5 to 2.5	Pass
				10	3.85	15.364	0.0089	-2.5 to 2.5	Pass
	1747.5	75	0	30	3.85	17.295	0.0100	-2.5 to 2.5	Pass
				40	3.85	10.943	0.0063	-2.5 to 2.5	Pass
				50	3.85	4.377	0.0025	-2.5 to 2.5	Pass
				20	3.27	27.709	0.0159	-2.5 to 2.5	Pass
					3.85	27.366	0.0157	-2.5 to 2.5	Pass
					4.43	38.509	0.0220	-2.5 to 2.5	Pass
				-30	3.85	11.630	0.0067	-2.5 to 2.5	Pass
				-20	3.85	21.486	0.0123	-2.5 to 2.5	Pass
				-10	3.85	36.736	0.0210	-2.5 to 2.5	Pass
				0	3.85	13.933	0.0080	-2.5 to 2.5	Pass
				10	3.85	-16.794	-0.0096	-2.5 to 2.5	Pass
				30	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				50	3.85	6.609	0.0038	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	15.464	0.0090	-2.5 to 2.5	Pass
					3.85	-14.920	-0.0087	-2.5 to 2.5	Pass
					4.43	-18.497	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-23.775	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-21.143	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-25.849	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-11.058	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-17.395	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-10.185	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-13.819	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-2.489	-0.0014	-2.5 to 2.5	Pass
					3.85	-21.830	-0.0126	-2.5 to 2.5	Pass
					4.43	-22.917	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-37.723	-0.0218	-2.5 to 2.5	Pass
				-20	3.85	-29.597	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	4.649	0.0027	-2.5 to 2.5	Pass

				0	3.85	-15.421	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-21.429	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-33.073	-0.0191	-2.5 to 2.5	Pass
				40	3.85	4.563	0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	27.637	0.0158	-2.5 to 2.5	Pass
					3.85	-33.102	-0.0190	-2.5 to 2.5	Pass
					4.43	-4.864	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-29.640	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-10.943	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-25.406	-0.0146	-2.5 to 2.5	Pass
				10	3.85	-22.988	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-20.328	-0.0116	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-23.003	-0.0132	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-13.289	-0.0077	-2.5 to 2.5	Pass
					3.85	10.614	0.0062	-2.5 to 2.5	Pass
					4.43	7.997	0.0046	-2.5 to 2.5	Pass
				-30	3.85	27.151	0.0158	-2.5 to 2.5	Pass
				-20	3.85	10.057	0.0058	-2.5 to 2.5	Pass
				-10	3.85	23.460	0.0136	-2.5 to 2.5	Pass
				0	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				10	3.85	4.148	0.0024	-2.5 to 2.5	Pass
				30	3.85	14.920	0.0087	-2.5 to 2.5	Pass
				40	3.85	7.753	0.0045	-2.5 to 2.5	Pass
				50	3.85	15.450	0.0090	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	3.476	0.0020	-2.5 to 2.5	Pass
					3.85	35.048	0.0202	-2.5 to 2.5	Pass
					4.43	-17.624	-0.0102	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	14.720	0.0085	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				0	3.85	13.261	0.0077	-2.5 to 2.5	Pass
				10	3.85	24.133	0.0139	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.017	0.0012	-2.5 to 2.5	Pass
				50	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-13.876	-0.0080	-2.5 to 2.5	Pass
					3.85	22.845	0.0131	-2.5 to 2.5	Pass
					4.43	11.616	0.0067	-2.5 to 2.5	Pass
				-30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	8.011	0.0046	-2.5 to 2.5	Pass
				-10	3.85	28.353	0.0162	-2.5 to 2.5	Pass
				0	3.85	-20.771	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-37.279	-0.0214	-2.5 to 2.5	Pass
				30	3.85	-40.340	-0.0231	-2.5 to 2.5	Pass
				40	3.85	-20.843	-0.0119	-2.5 to 2.5	Pass
				50	3.85	5.007	0.0029	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

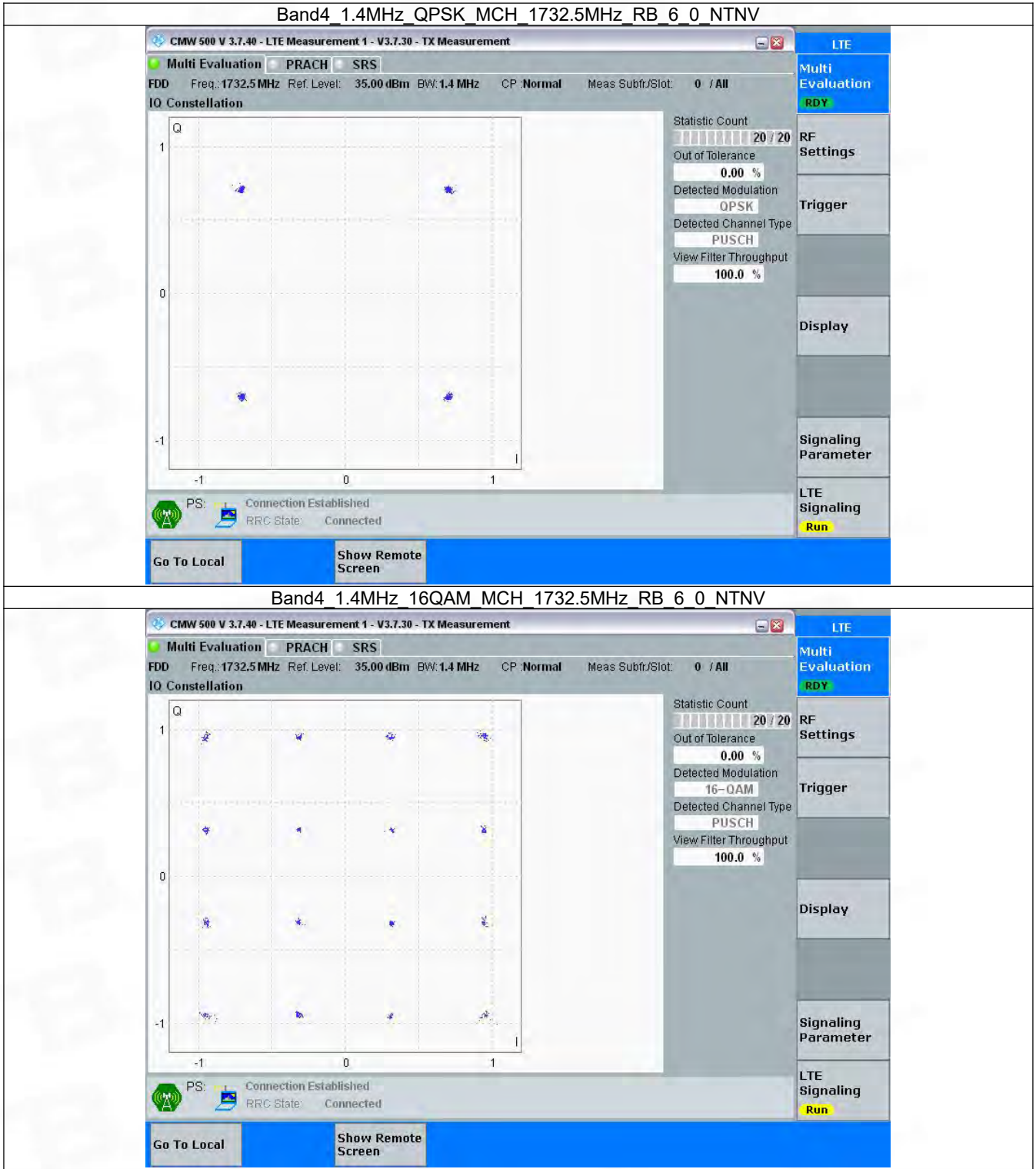
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

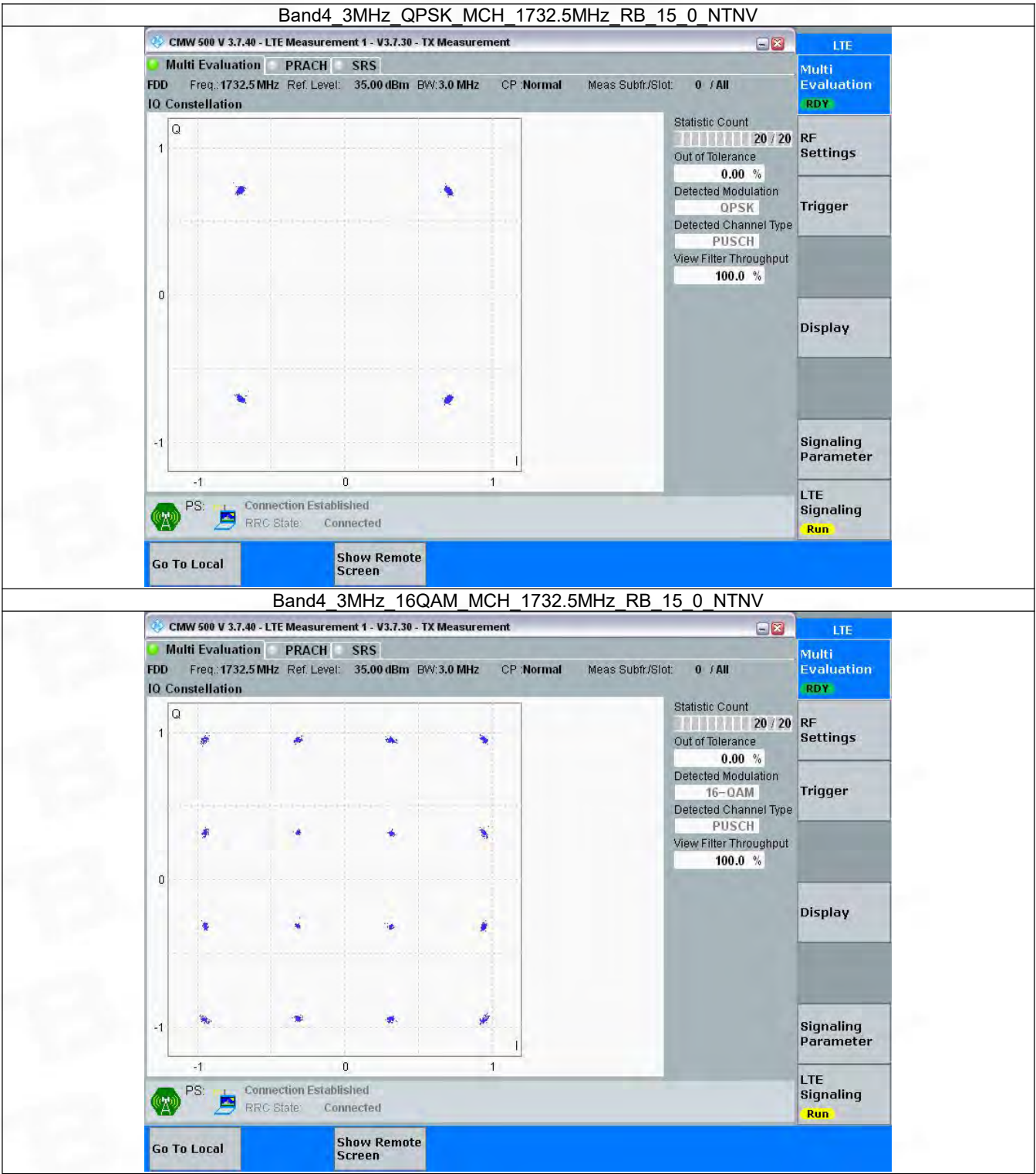
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

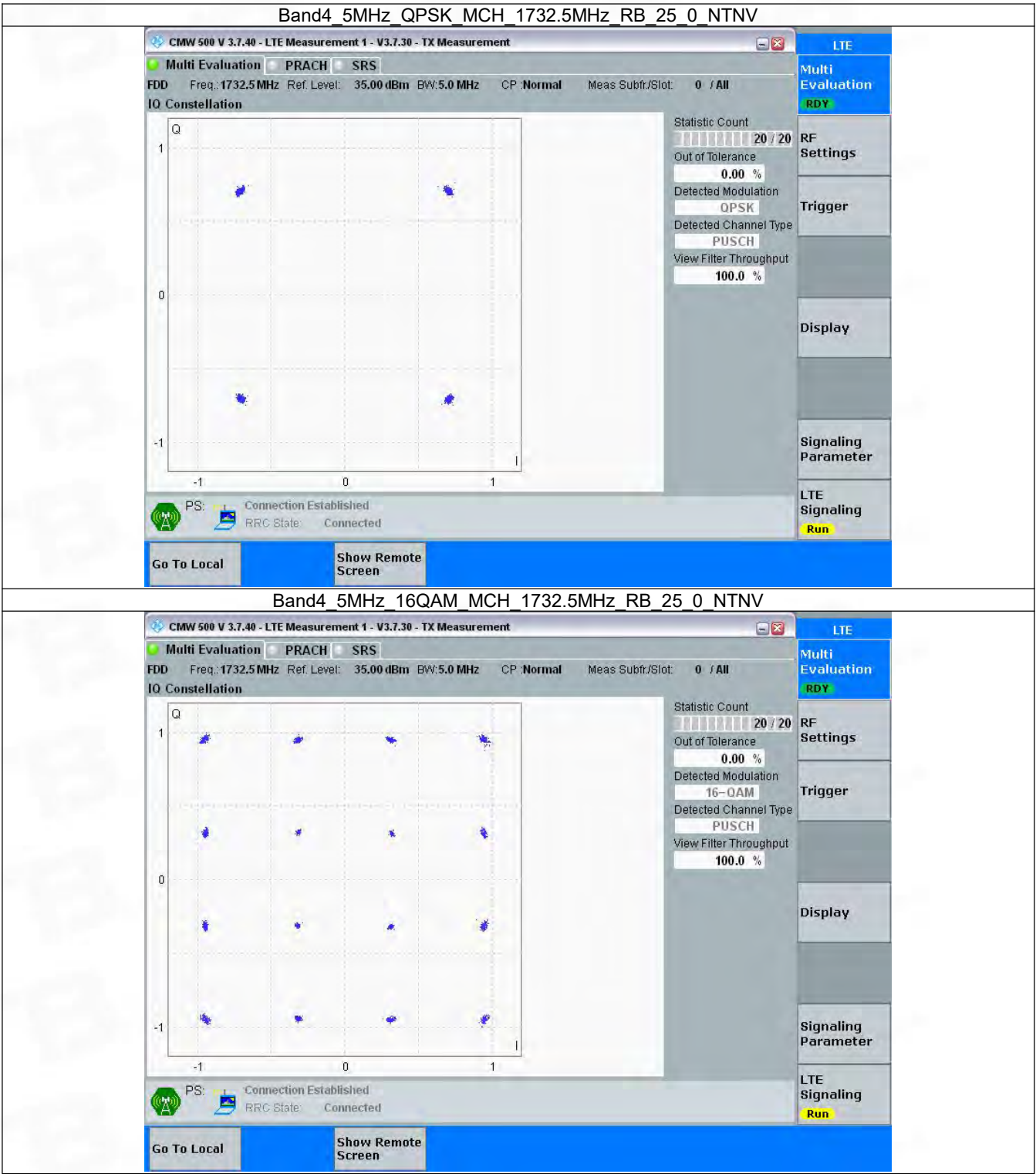
3.2.1 B4_1.4MHz



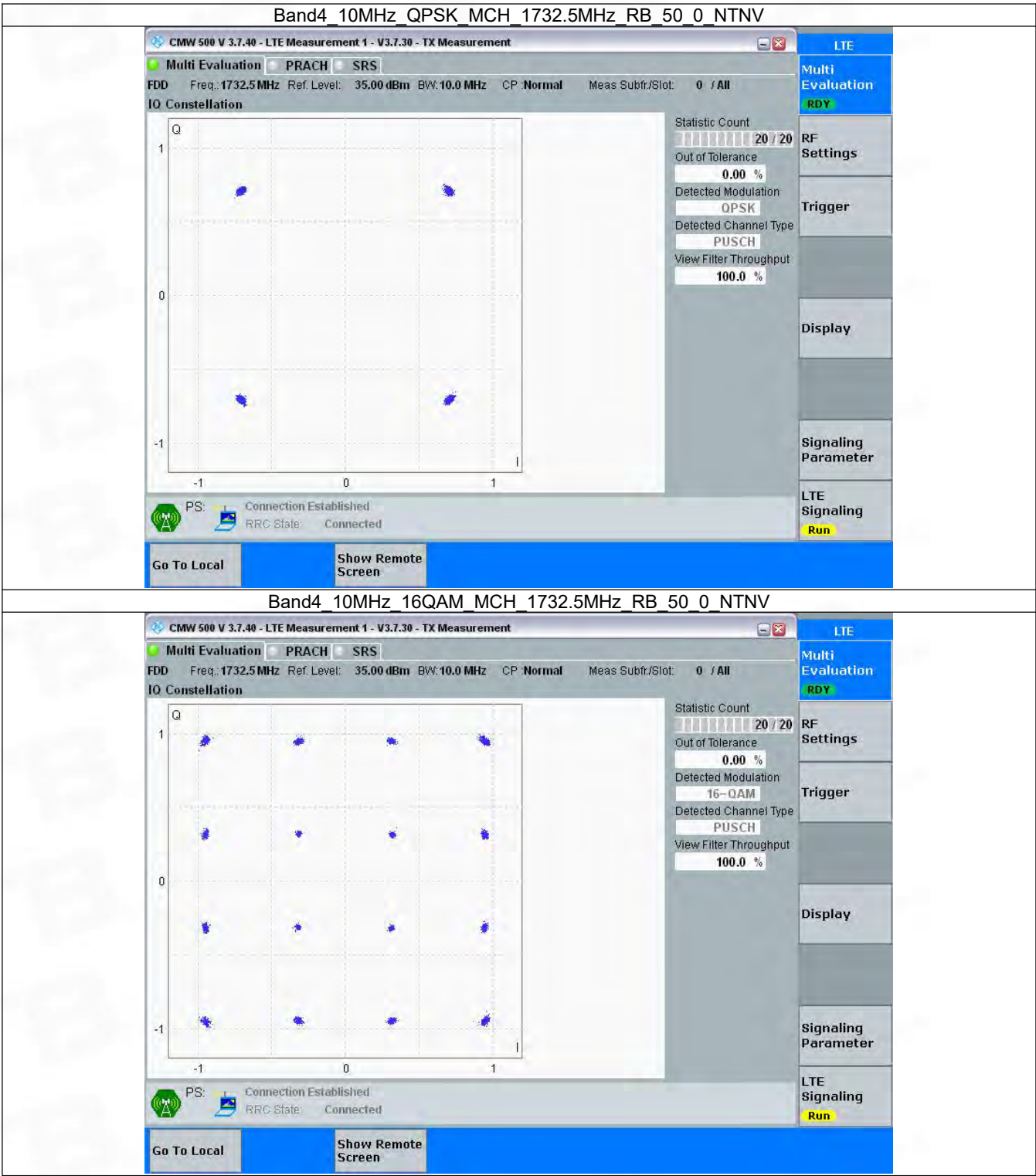
3.2.2 B4_3MHz



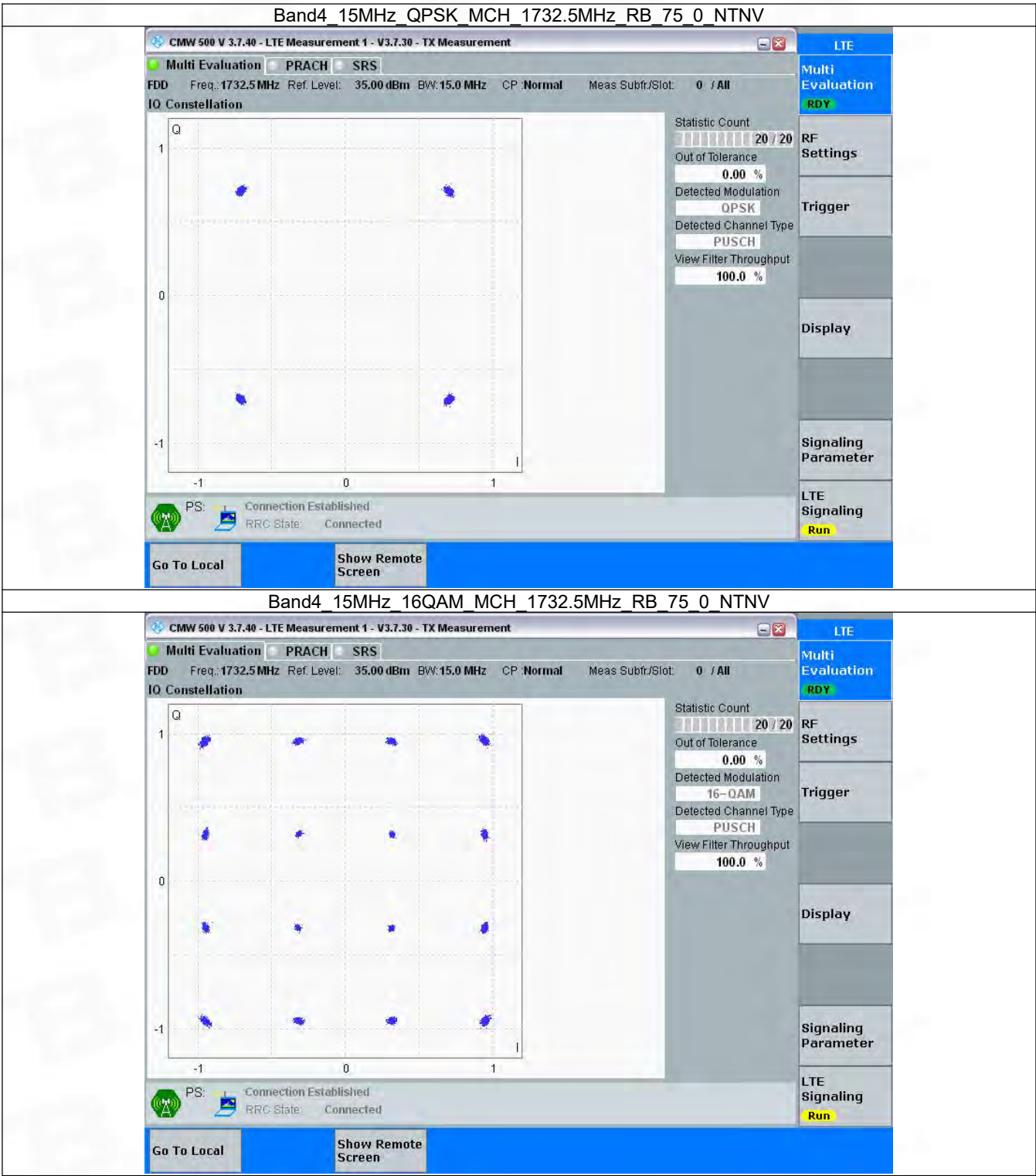
3.2.3 B4_5MHz



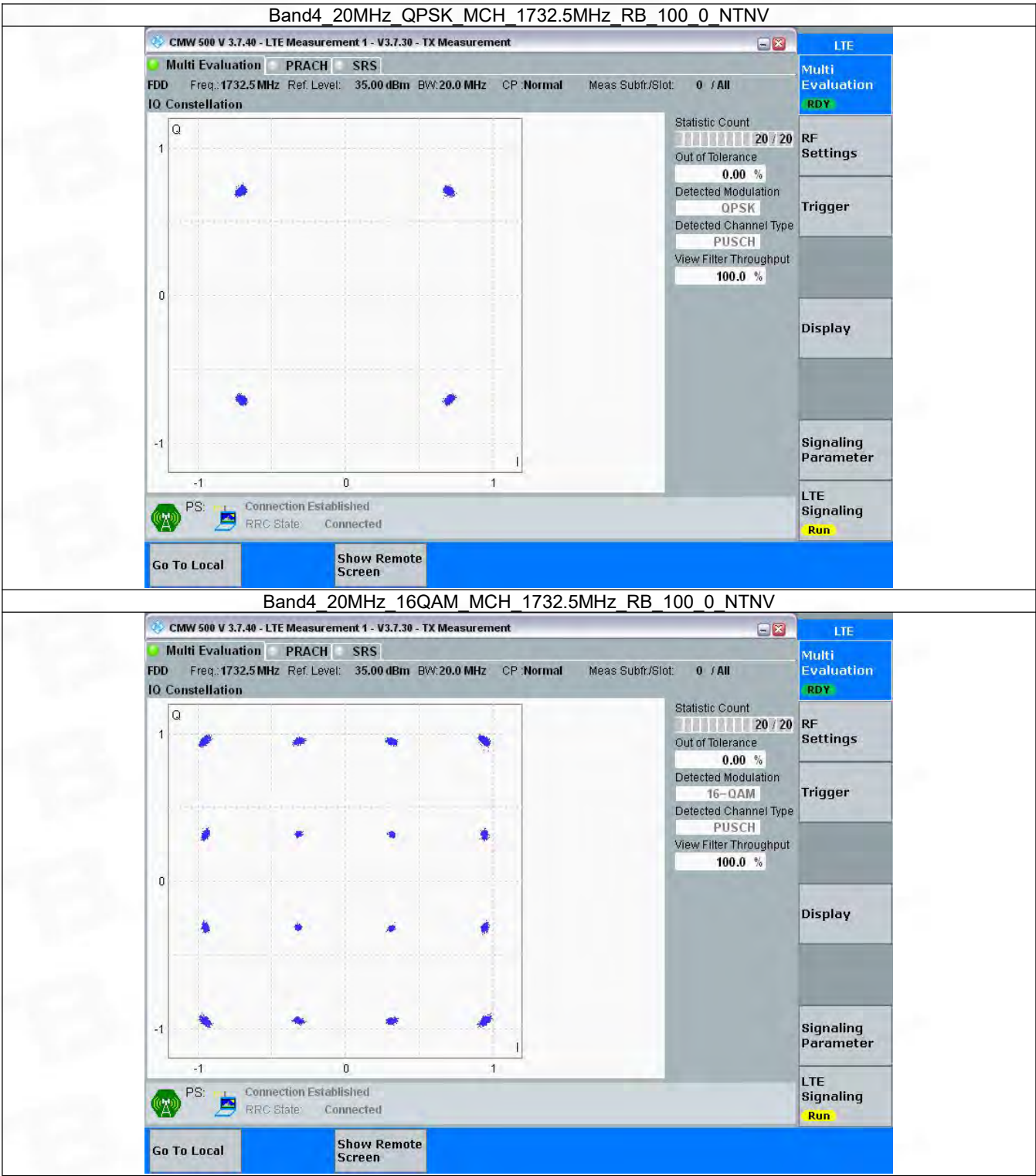
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.115	/	Pass
		1754.3	6	0	1.103	/	Pass
3	QPSK	1711.5	15	0	2.750	/	Pass
		1732.5	15	0	2.758	/	Pass
		1753.5	15	0	2.763	/	Pass
	16QAM	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.745	/	Pass
		1753.5	15	0	2.766	/	Pass
5	QPSK	1712.5	25	0	4.543	/	Pass
		1732.5	25	0	4.556	/	Pass
		1752.5	25	0	4.578	/	Pass
	16QAM	1712.5	25	0	4.574	/	Pass
		1732.5	25	0	4.559	/	Pass
		1752.5	25	0	4.548	/	Pass
10	QPSK	1715	50	0	9.060	/	Pass
		1732.5	50	0	9.054	/	Pass
		1750	50	0	9.054	/	Pass
	16QAM	1715	50	0	9.055	/	Pass
		1732.5	50	0	9.063	/	Pass
		1750	50	0	9.027	/	Pass
15	QPSK	1717.5	75	0	13.610	/	Pass
		1732.5	75	0	13.578	/	Pass
		1747.5	75	0	13.617	/	Pass
	16QAM	1717.5	75	0	13.601	/	Pass
		1732.5	75	0	13.635	/	Pass
		1747.5	75	0	13.589	/	Pass
20	QPSK	1720	100	0	18.166	/	Pass
		1732.5	100	0	18.152	/	Pass
		1745	100	0	18.142	/	Pass
	16QAM	1720	100	0	18.146	/	Pass
		1732.5	100	0	18.137	/	Pass
		1745	100	0	18.116	/	Pass

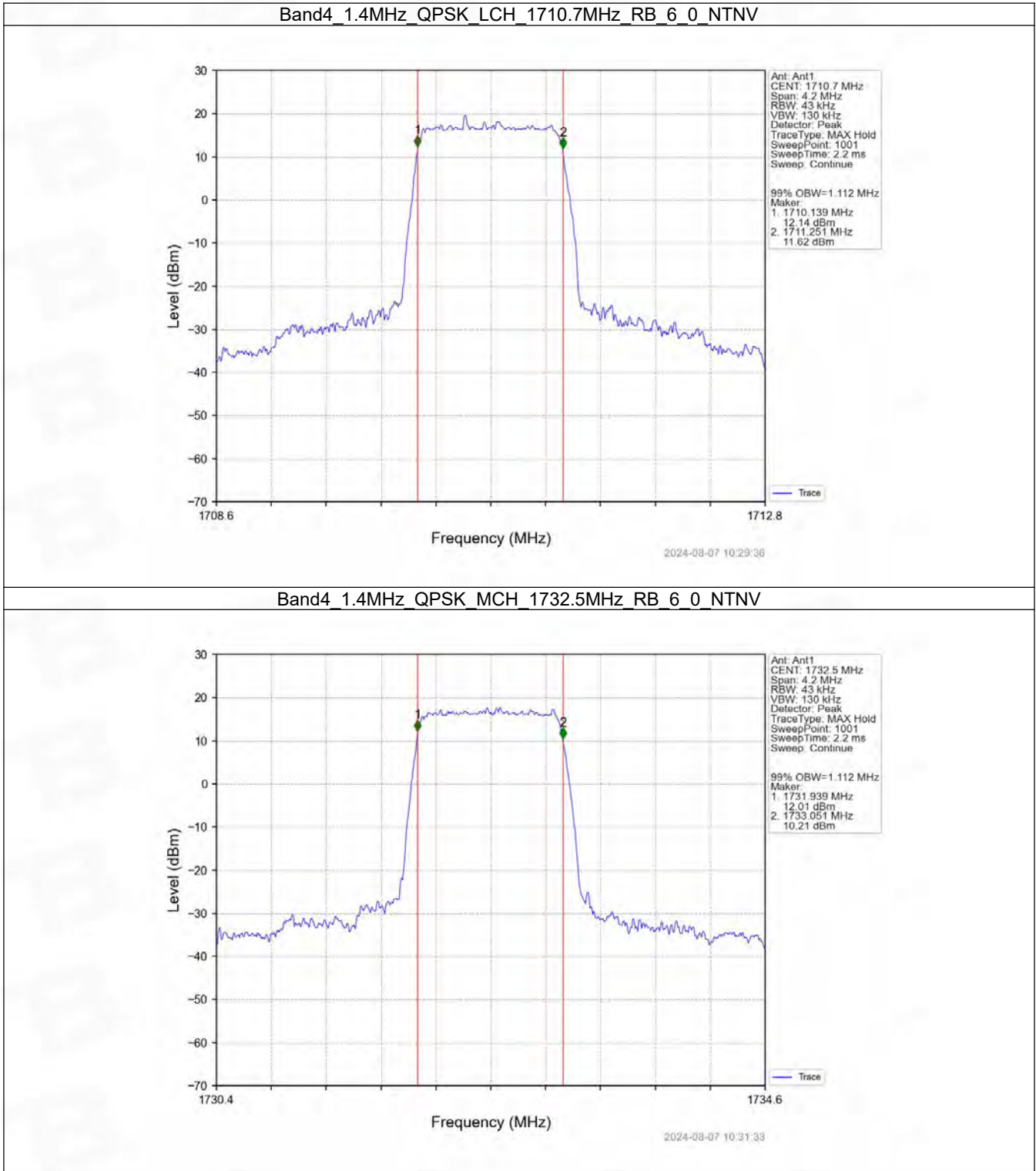
4.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.265	/	Pass
		1732.5	6	0	1.272	/	Pass
		1754.3	6	0	1.266	/	Pass

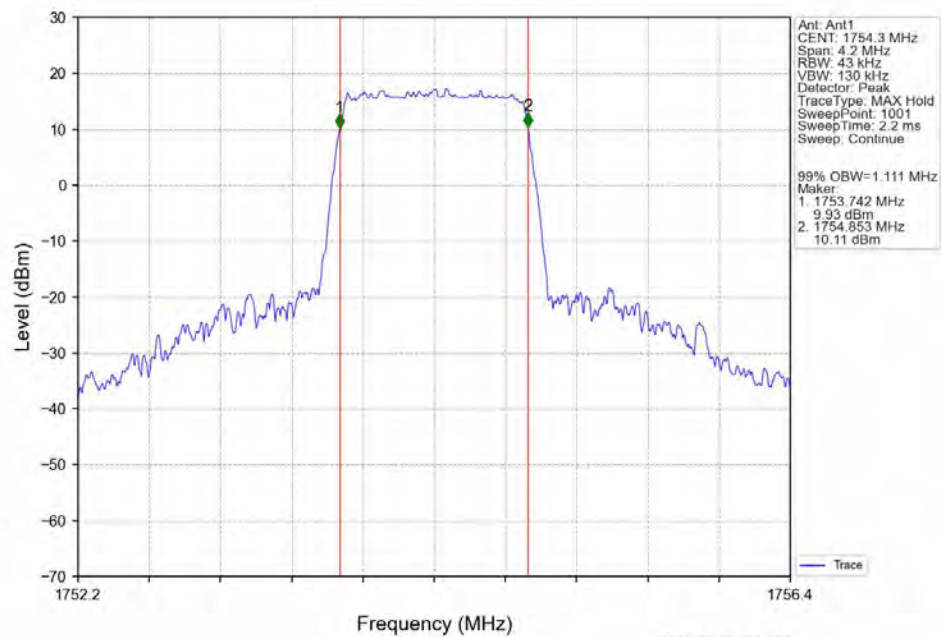
	16QAM	1710.7	6	0	1.275	/	Pass
		1732.5	6	0	1.273	/	Pass
		1754.3	6	0	1.269	/	Pass
3	QPSK	1711.5	15	0	3.102	/	Pass
		1732.5	15	0	3.083	/	Pass
		1753.5	15	0	3.084	/	Pass
	16QAM	1711.5	15	0	3.104	/	Pass
		1732.5	15	0	3.110	/	Pass
		1753.5	15	0	3.108	/	Pass
5	QPSK	1712.5	25	0	5.028	/	Pass
		1732.5	25	0	5.048	/	Pass
		1752.5	25	0	5.054	/	Pass
	16QAM	1712.5	25	0	5.044	/	Pass
		1732.5	25	0	5.057	/	Pass
		1752.5	25	0	5.036	/	Pass
10	QPSK	1715	50	0	10.010	/	Pass
		1732.5	50	0	10.023	/	Pass
		1750	50	0	10.097	/	Pass
	16QAM	1715	50	0	10.023	/	Pass
		1732.5	50	0	10.066	/	Pass
		1750	50	0	9.702	/	Pass
15	QPSK	1717.5	75	0	15.180	/	Pass
		1732.5	75	0	15.080	/	Pass
		1747.5	75	0	15.127	/	Pass
	16QAM	1717.5	75	0	15.175	/	Pass
		1732.5	75	0	15.143	/	Pass
		1747.5	75	0	15.212	/	Pass
20	QPSK	1720	100	0	20.116	/	Pass
		1732.5	100	0	20.001	/	Pass
		1745	100	0	19.988	/	Pass
	16QAM	1720	100	0	20.112	/	Pass
		1732.5	100	0	20.098	/	Pass
		1745	100	0	20.052	/	Pass

4.2 Test Graph

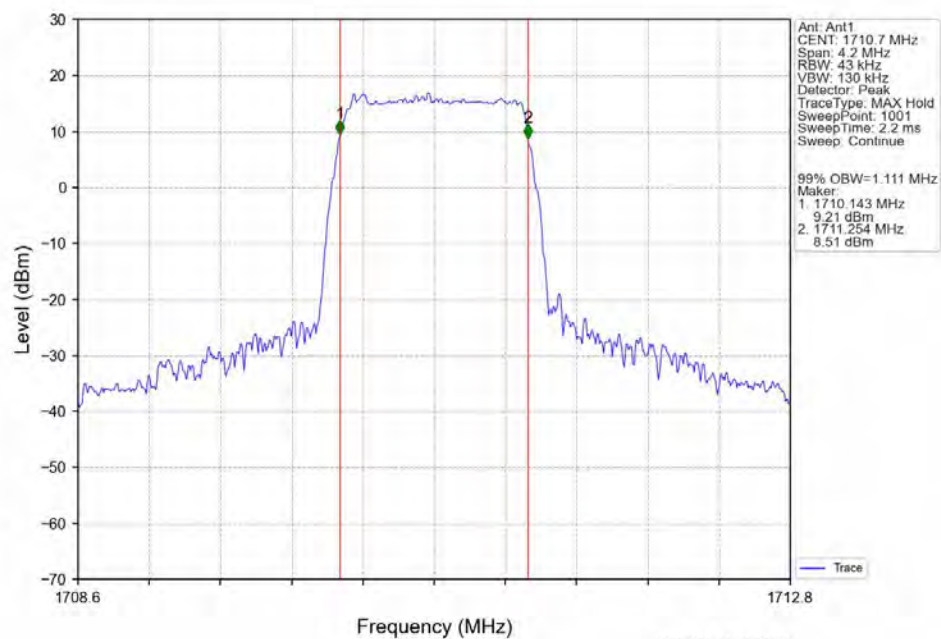
4.2.1 Band4_OBW



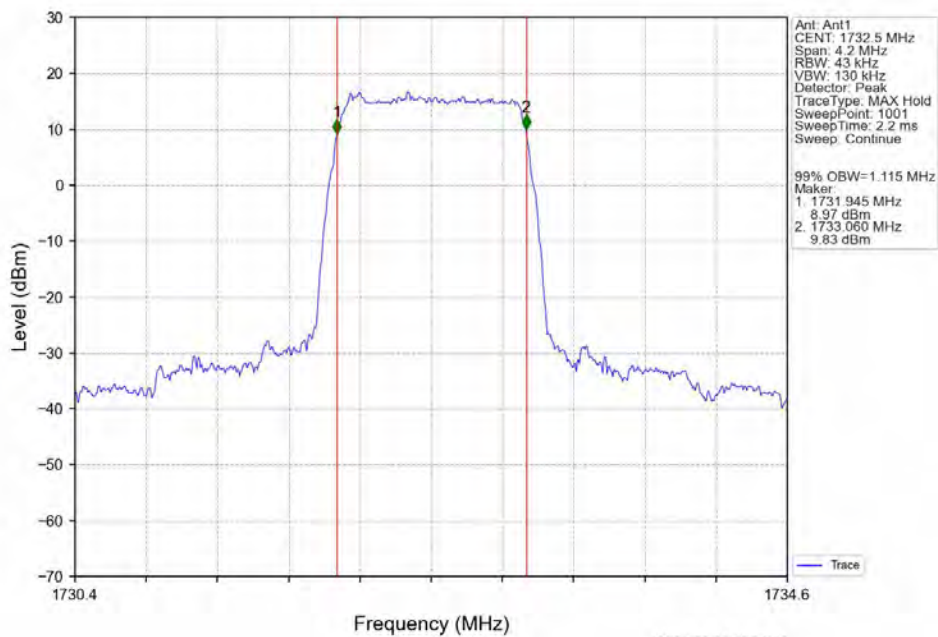
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



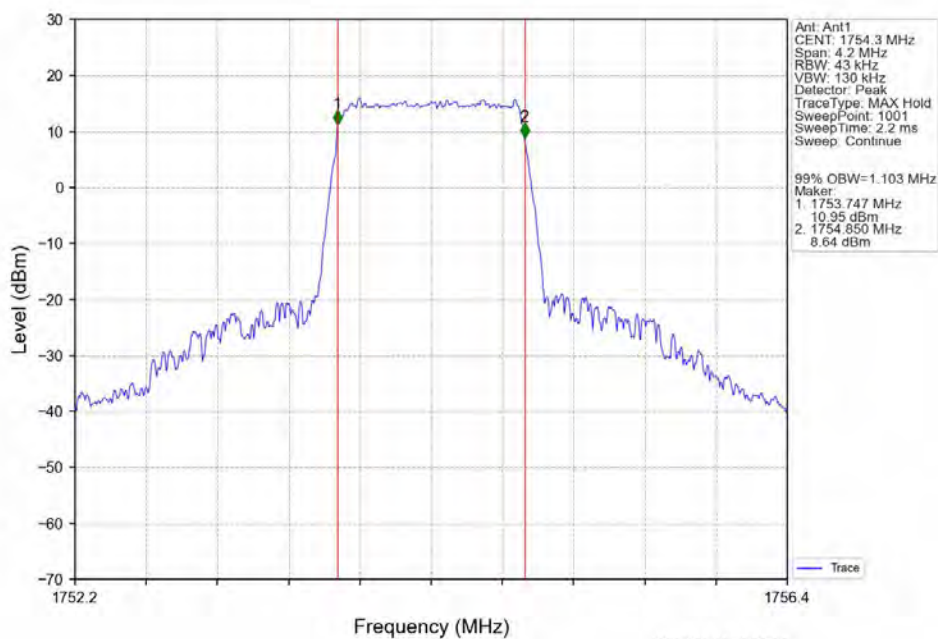
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



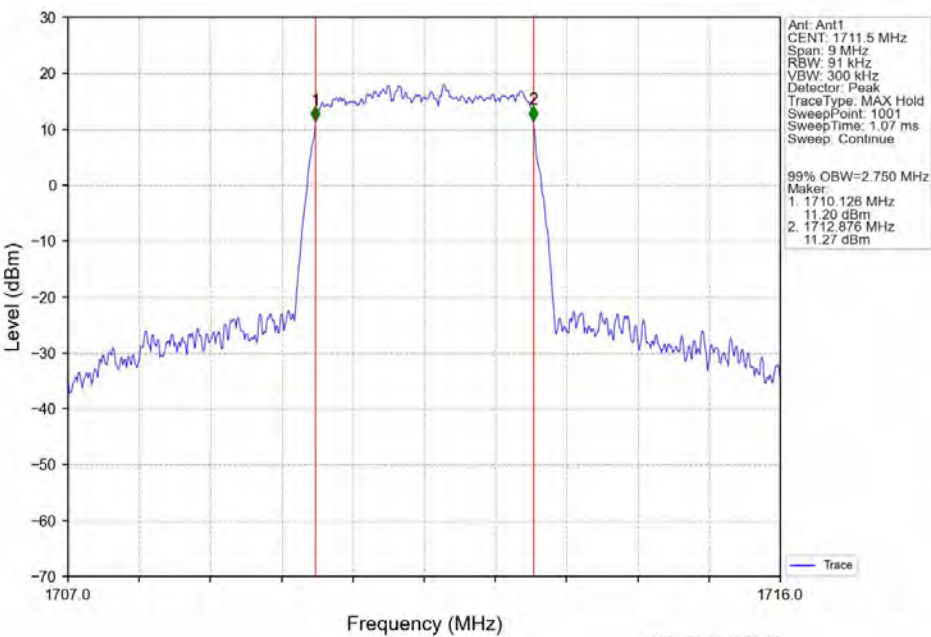
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

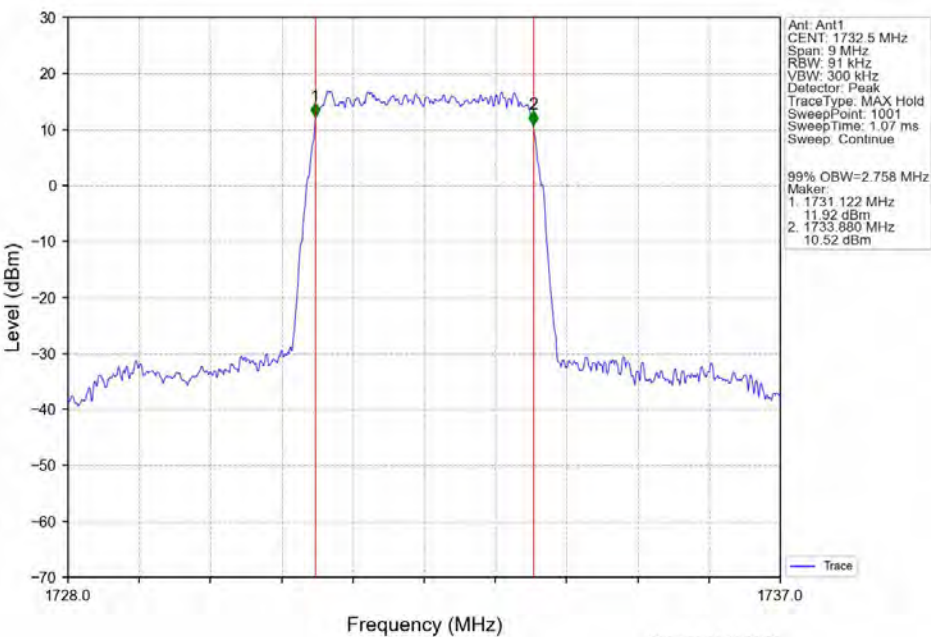


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



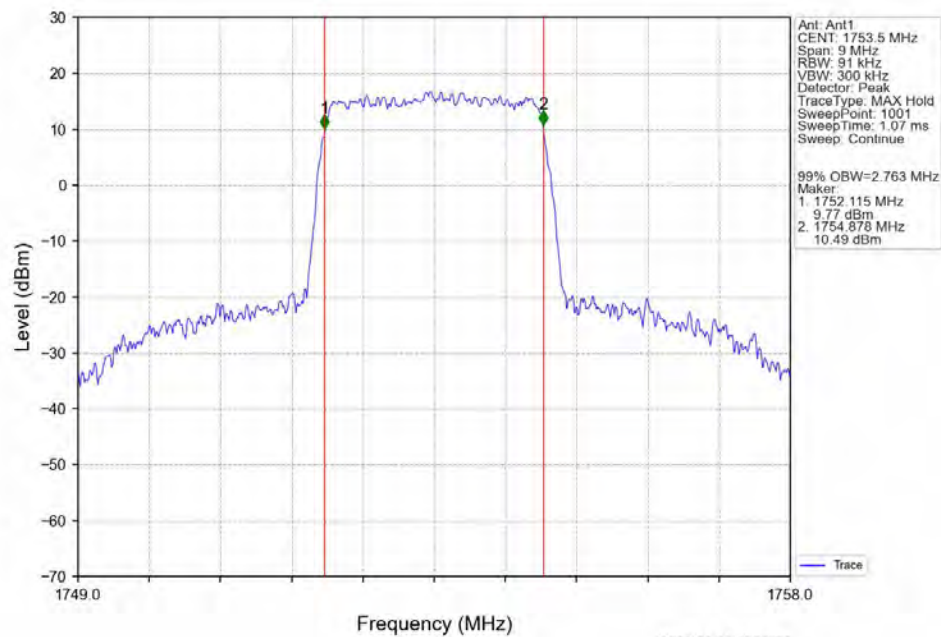
2024-08-07 10:32:38

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



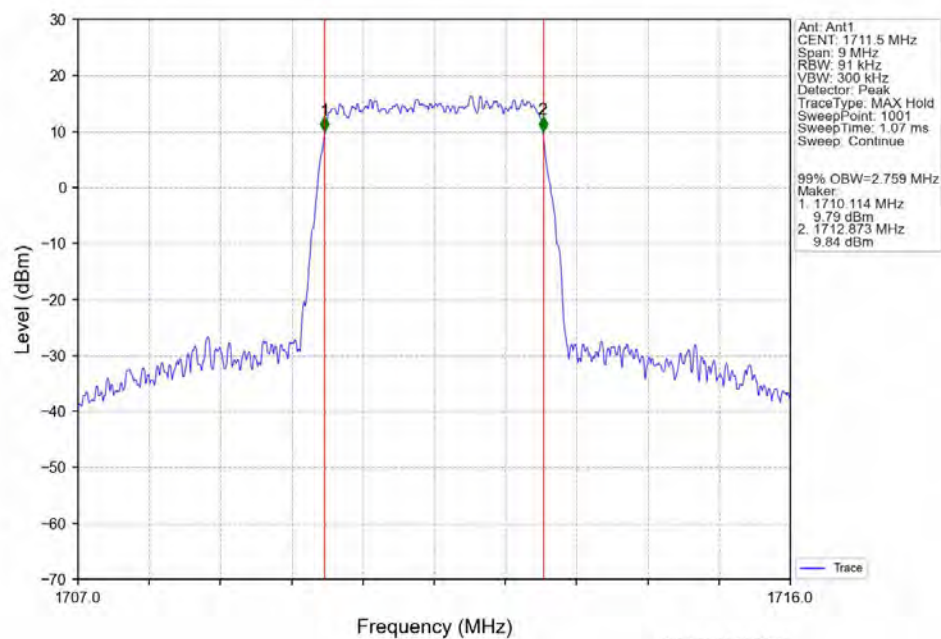
2024-08-07 10:32:59

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



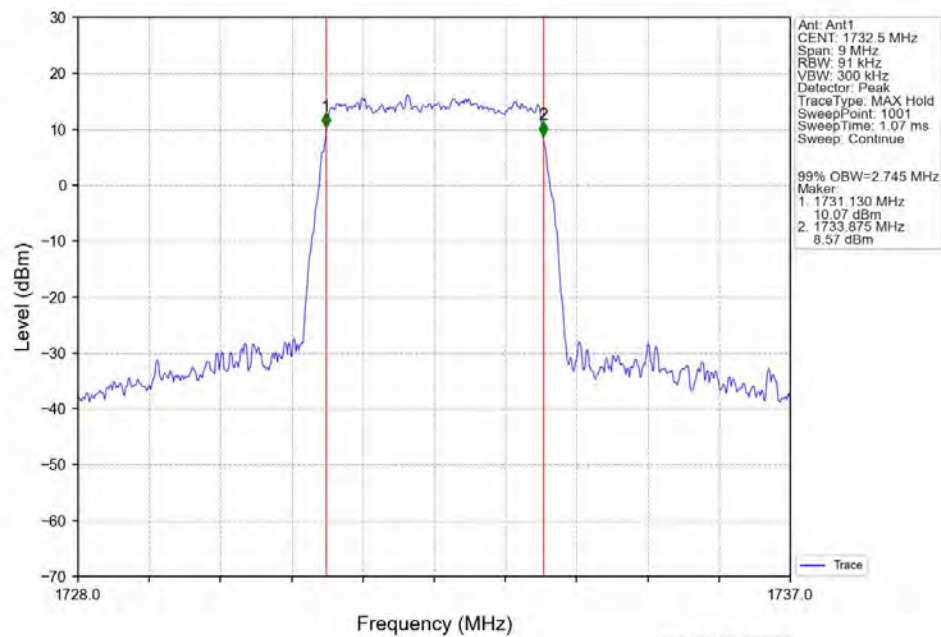
2024-08-07 10:33:20

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



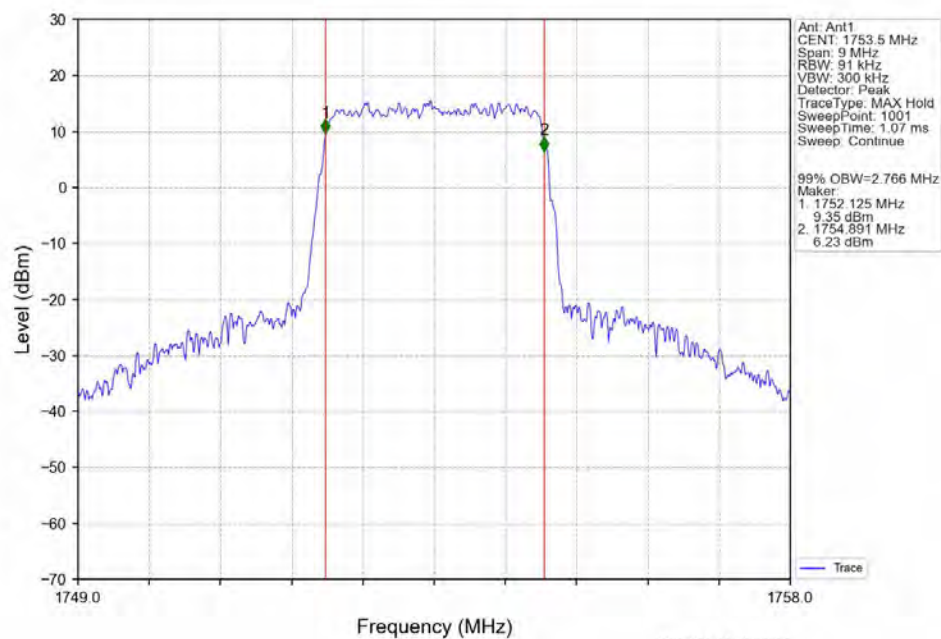
2024-08-07 10:32:47

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



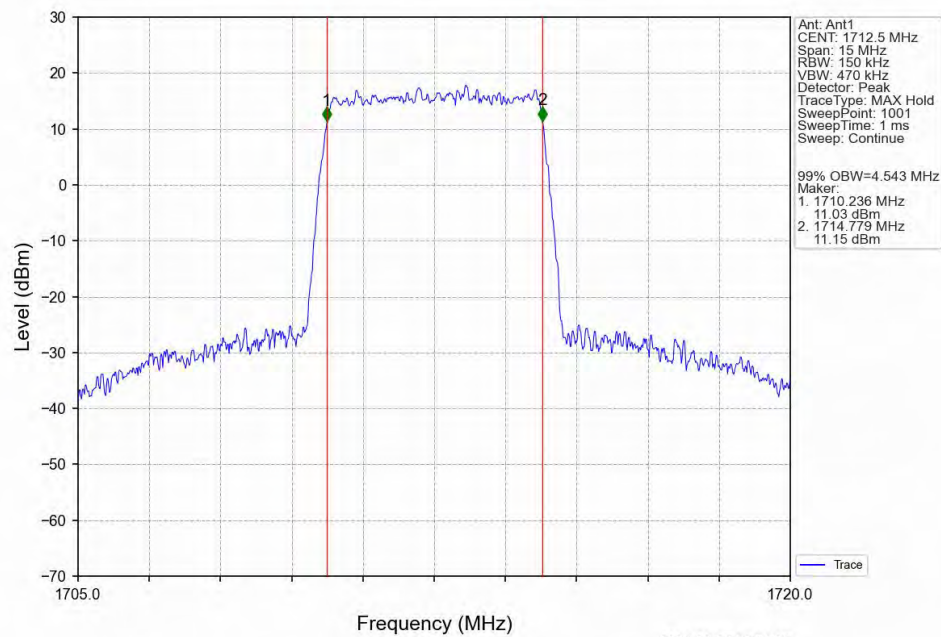
2024-08-07 10:33:08

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

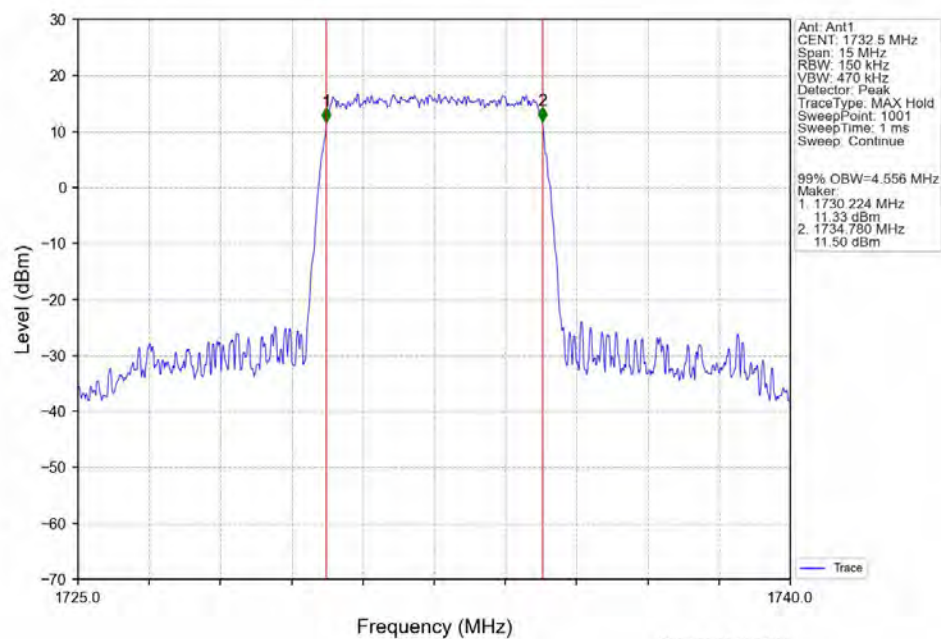


2024-08-07 10:33:28

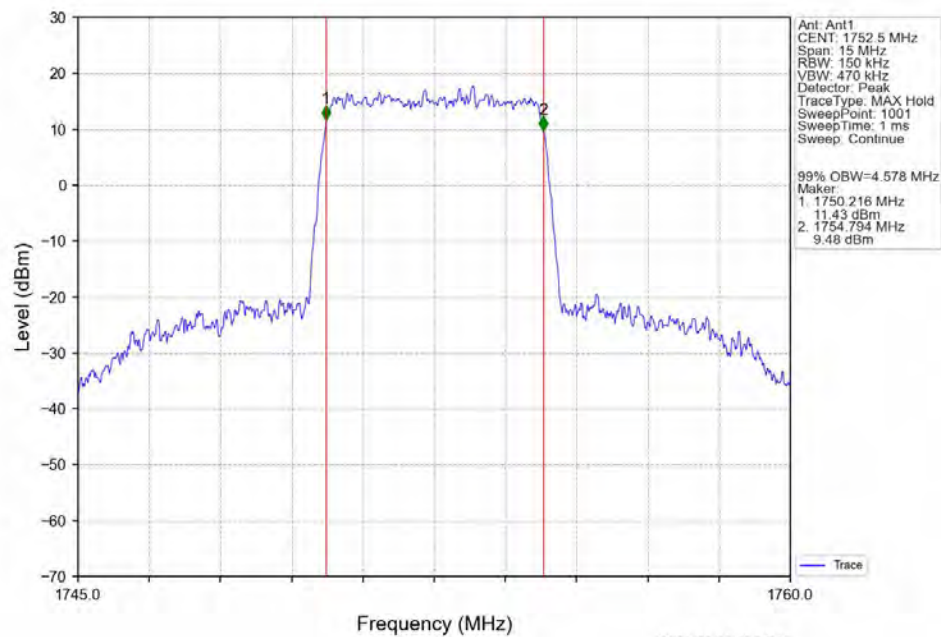
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



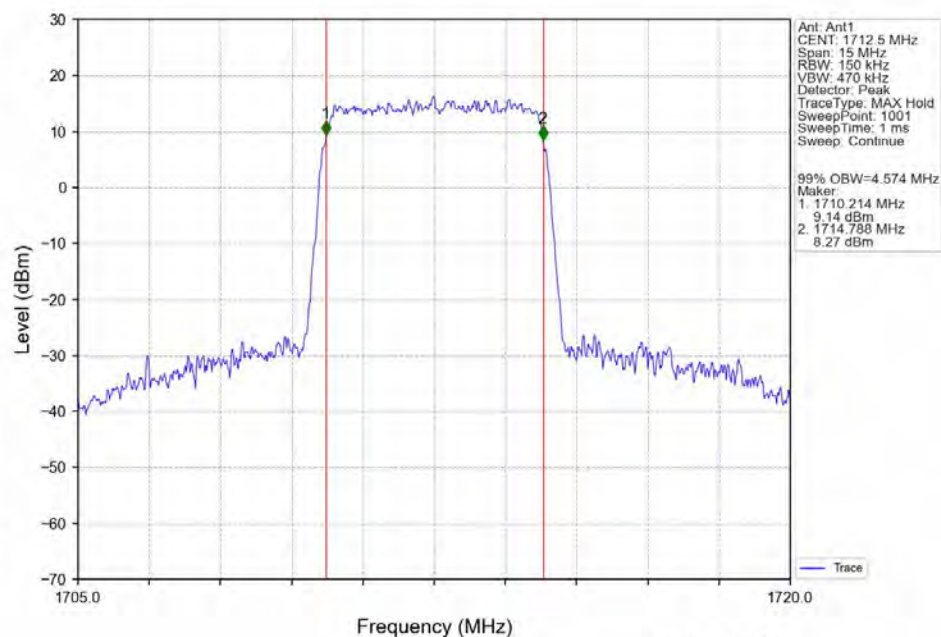
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



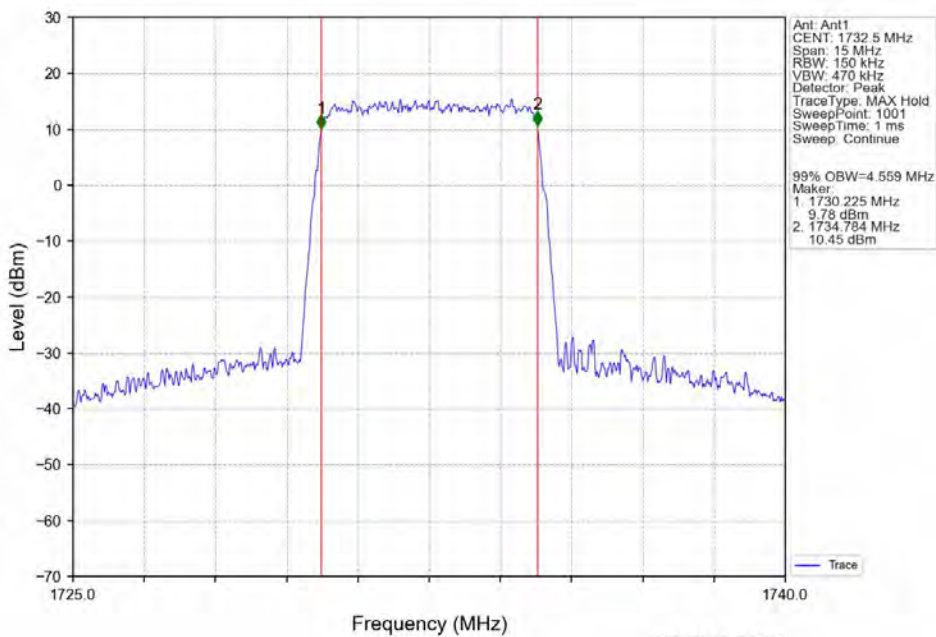
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



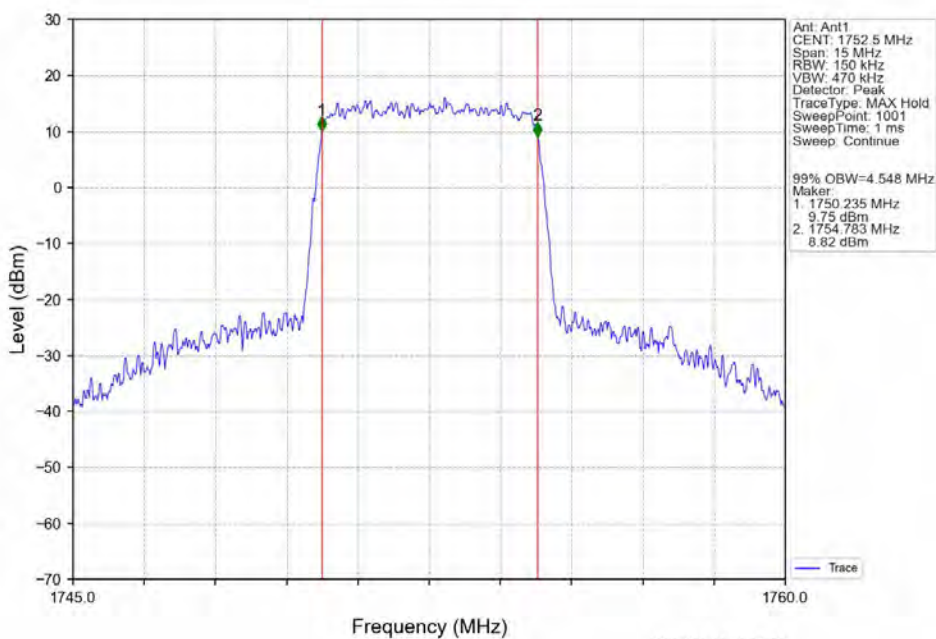
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



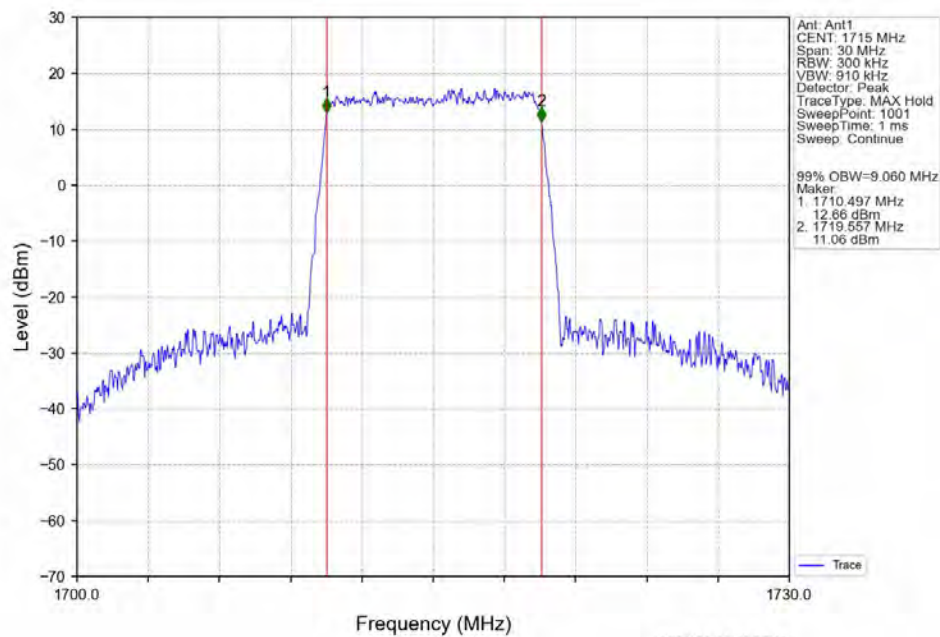
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



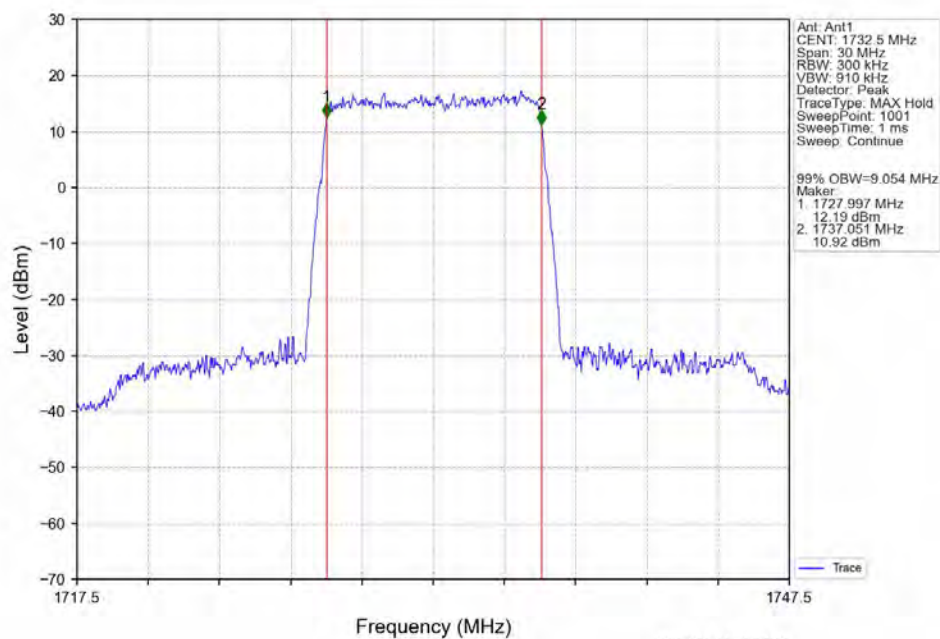
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



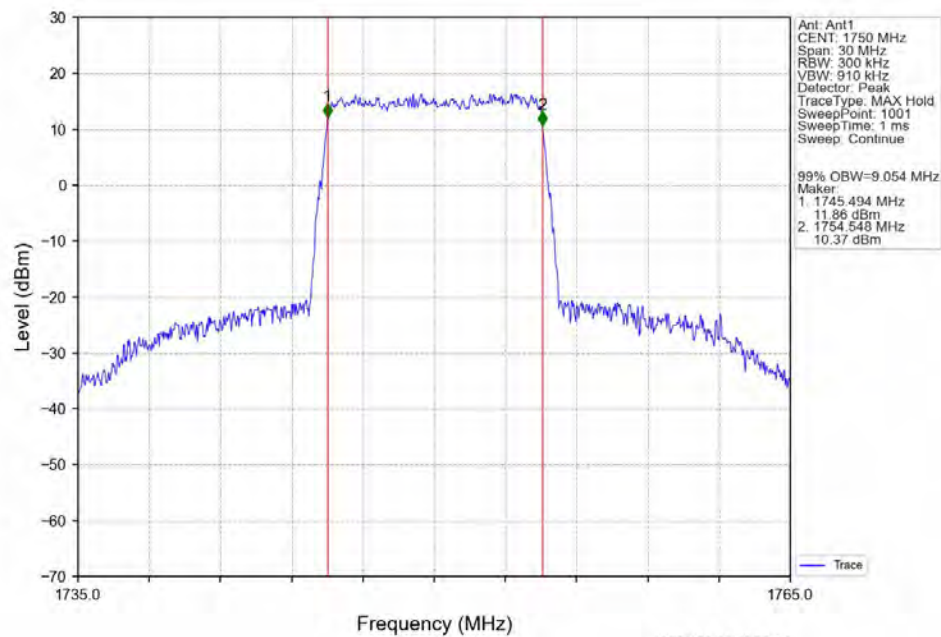
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



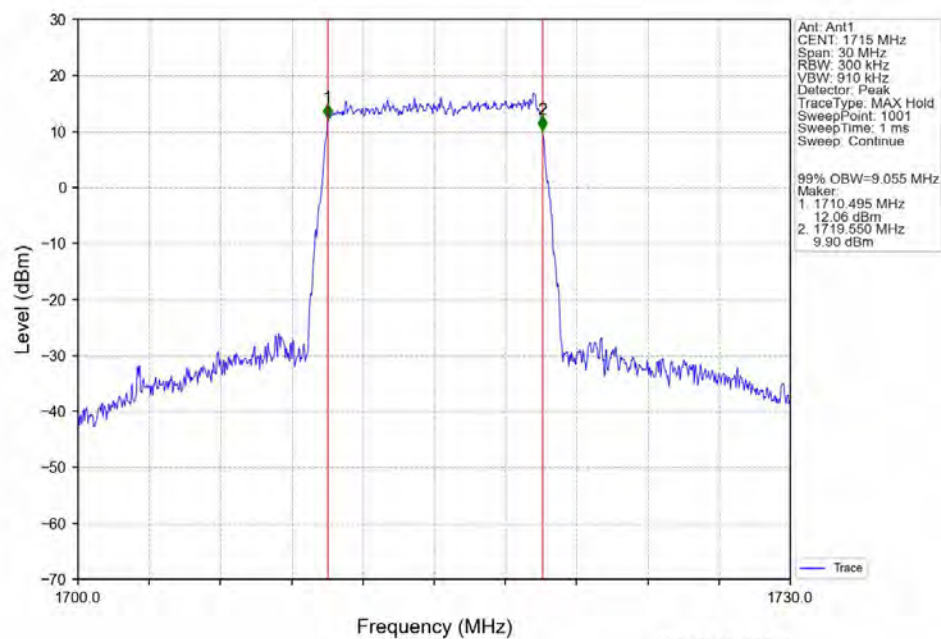
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



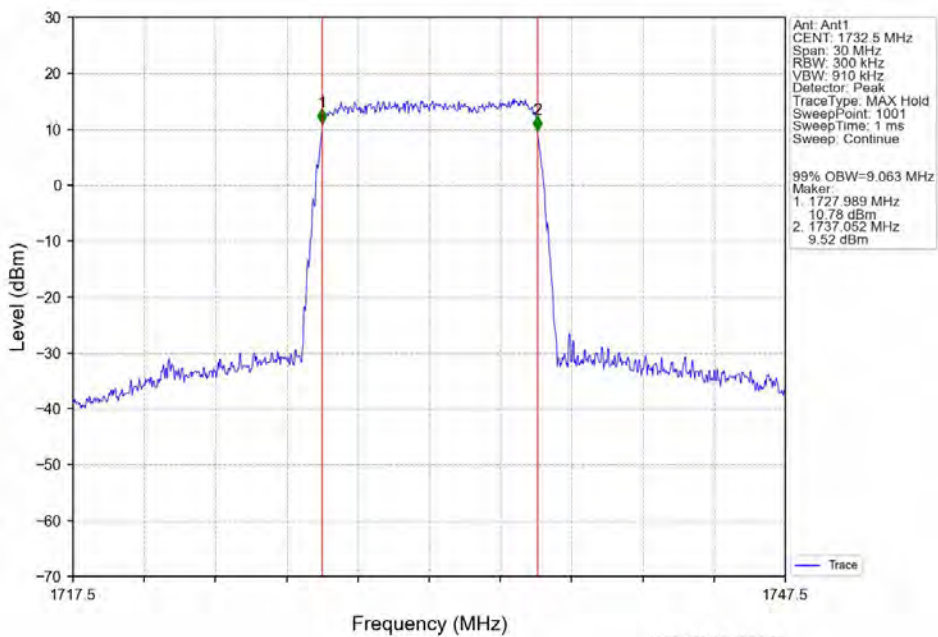
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



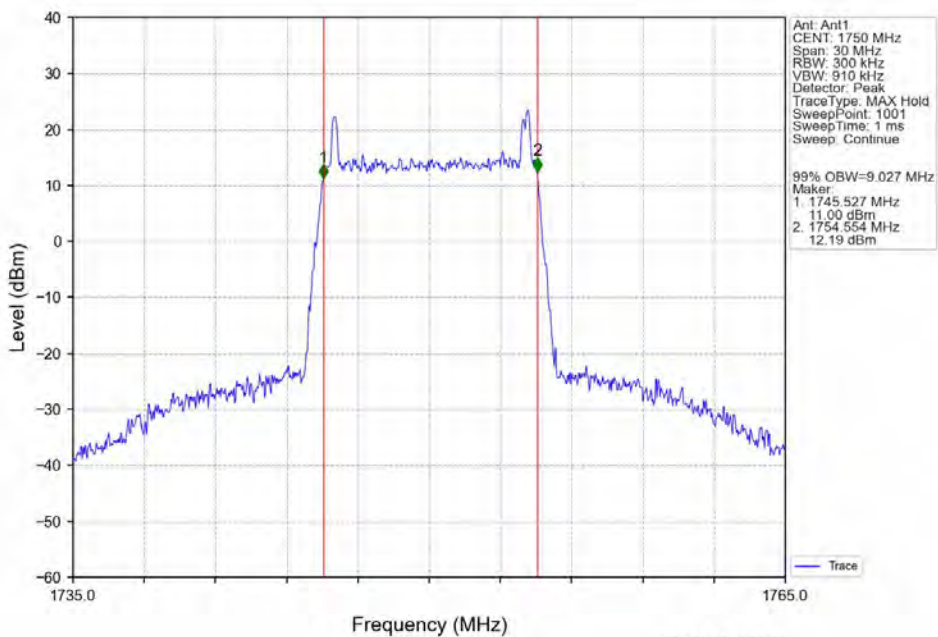
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



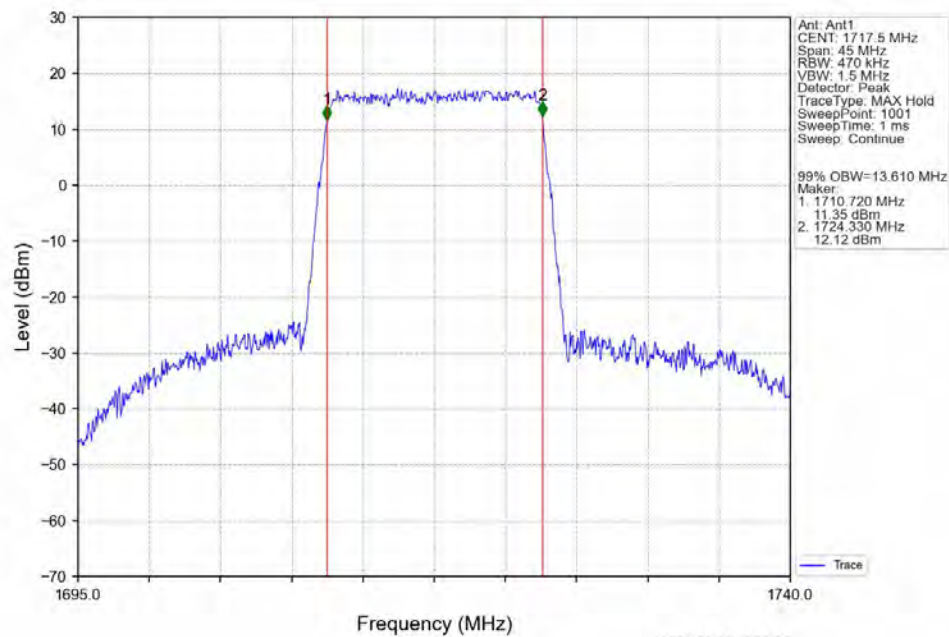
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



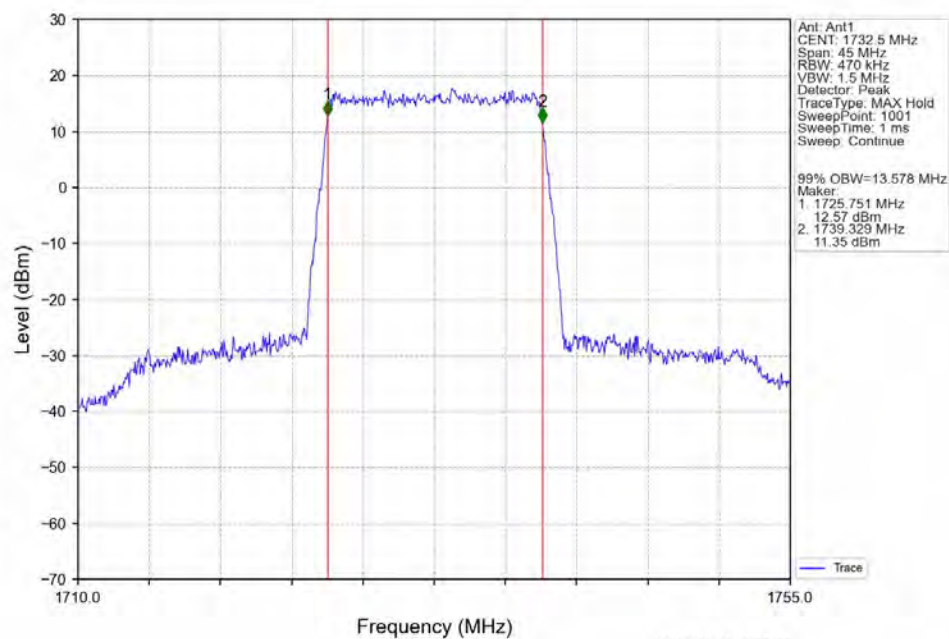
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



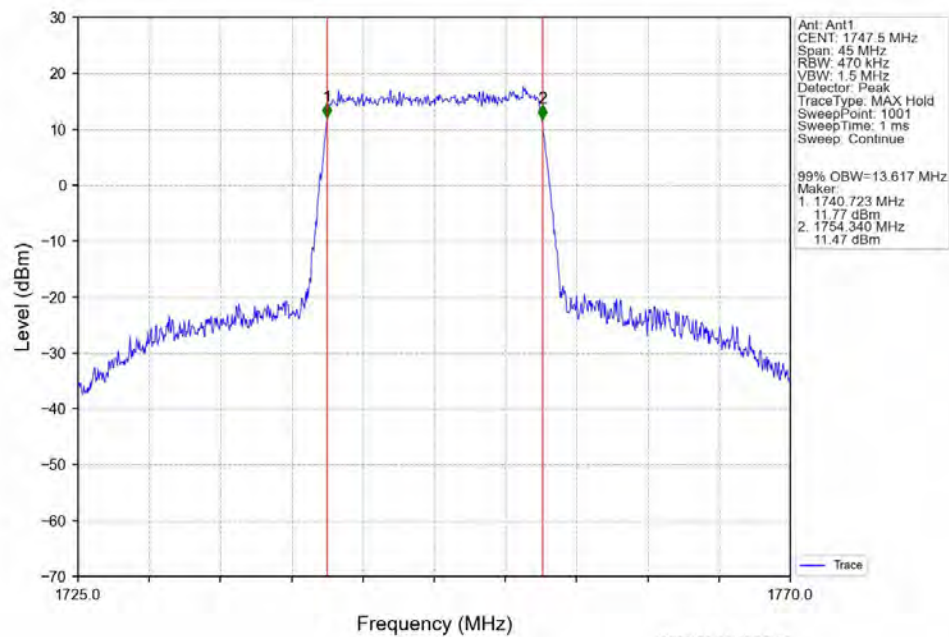
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



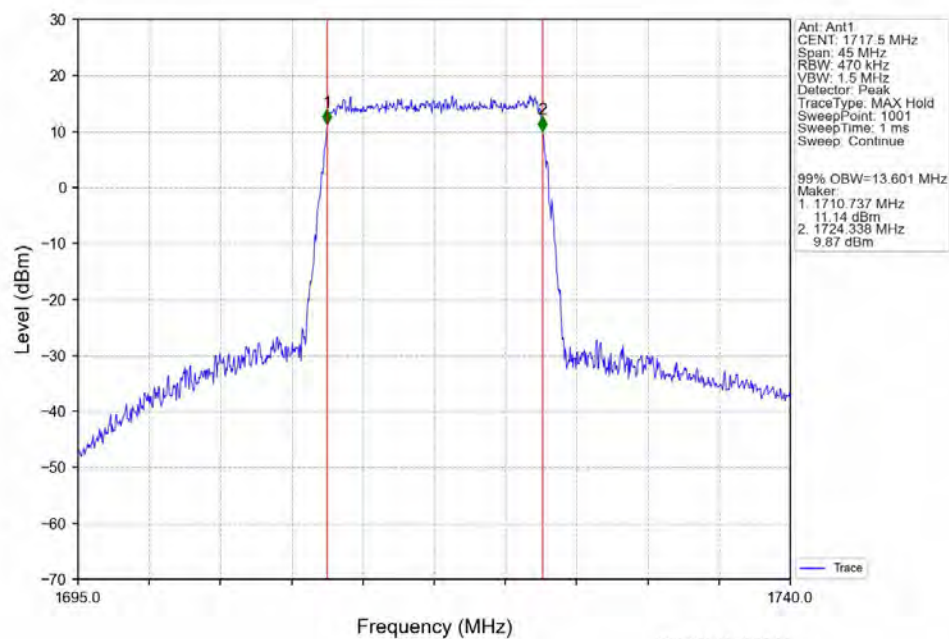
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



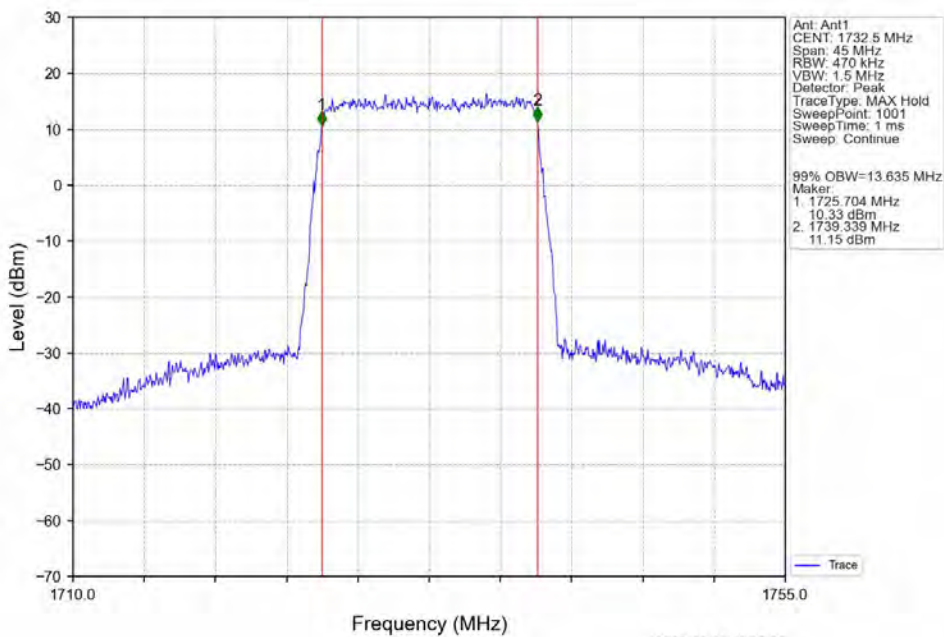
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

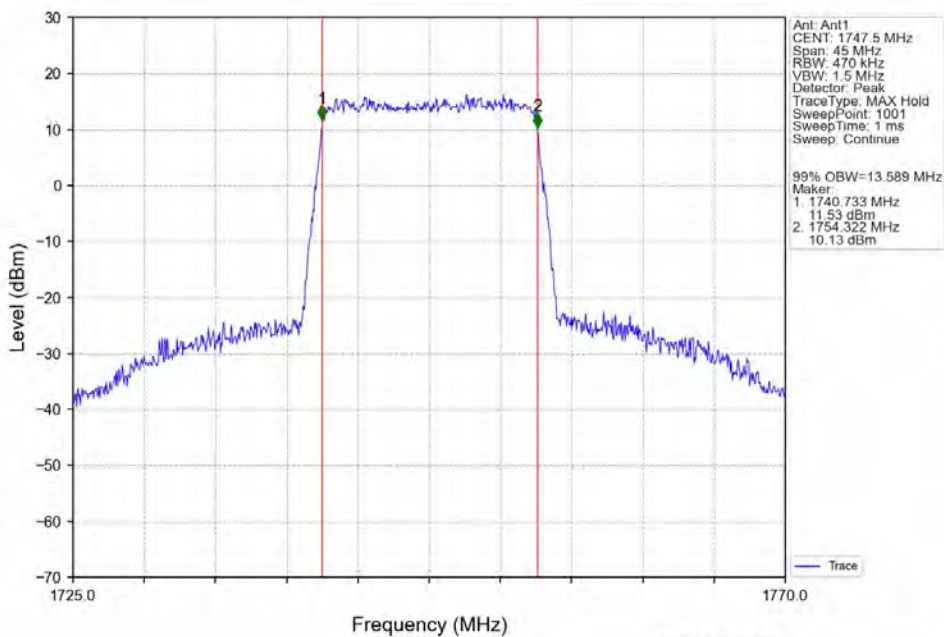


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



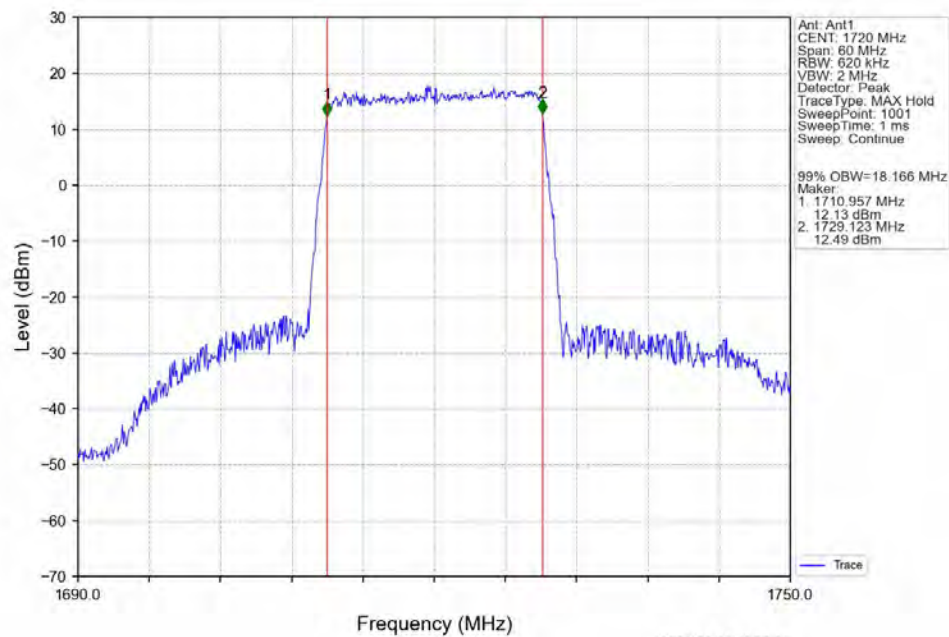
2024-08-07 10:37:29

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

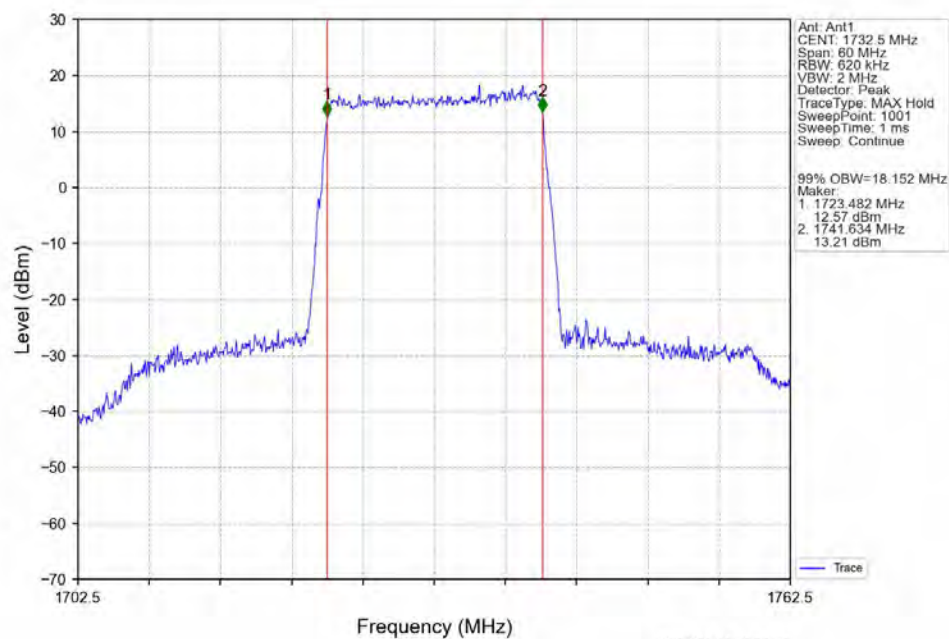


2024-08-07 10:37:49

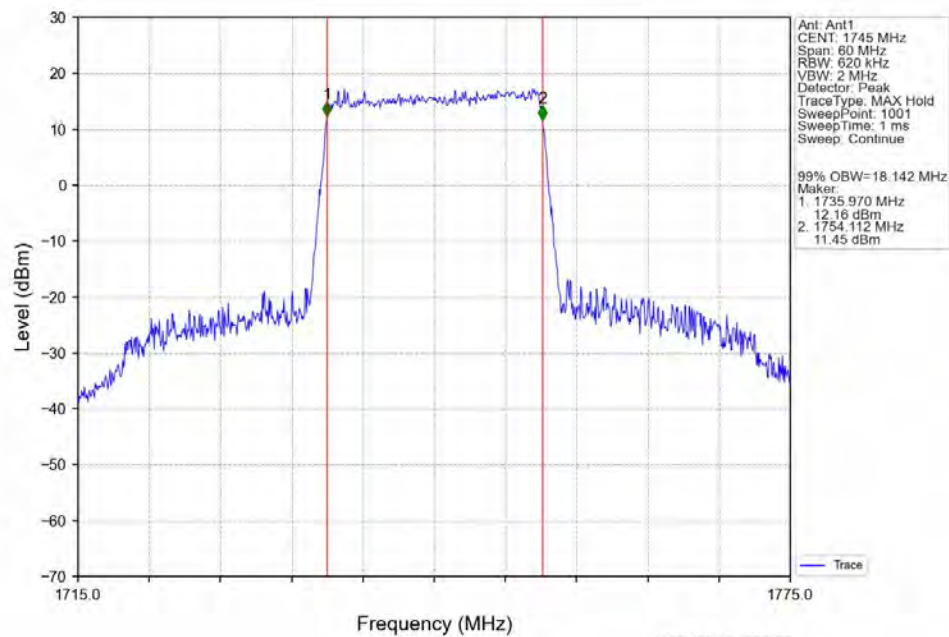
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

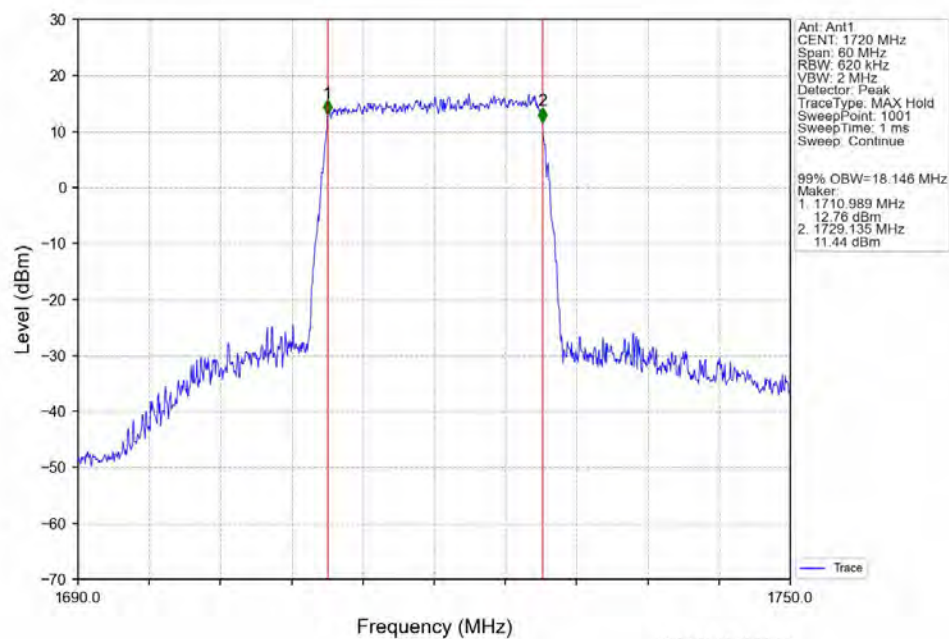


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



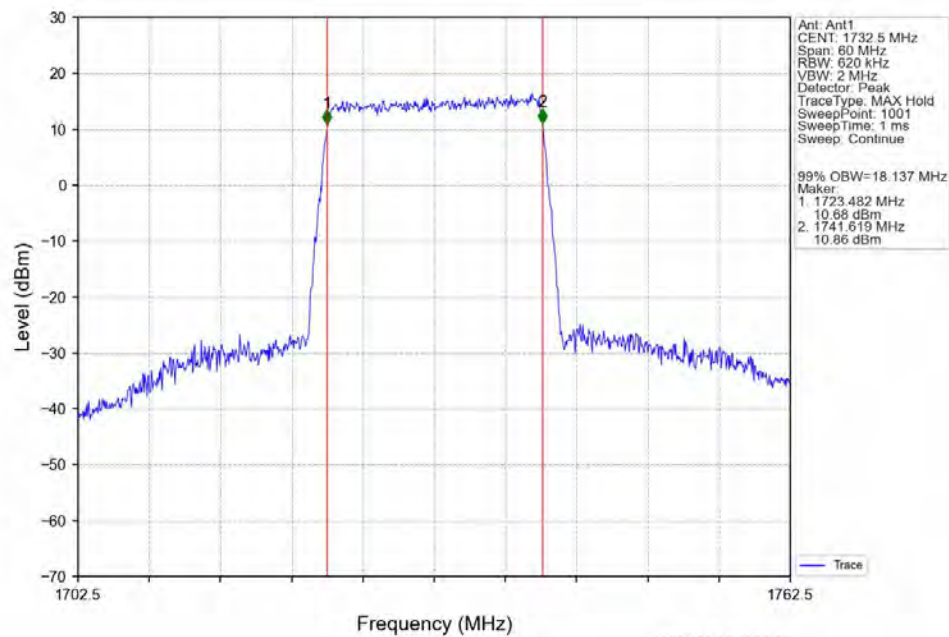
2024-08-07 10:39:08

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

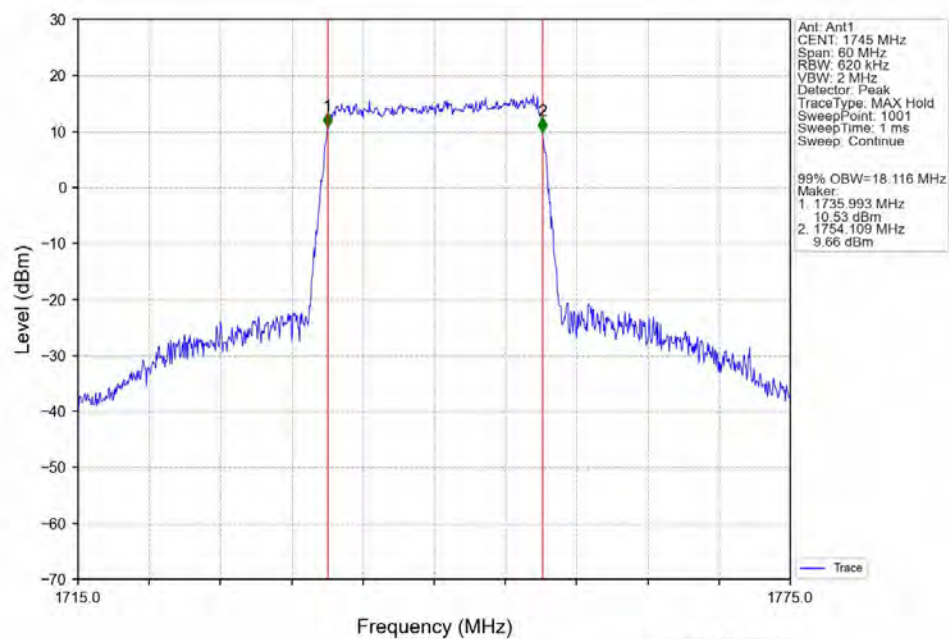


2024-08-07 10:39:35

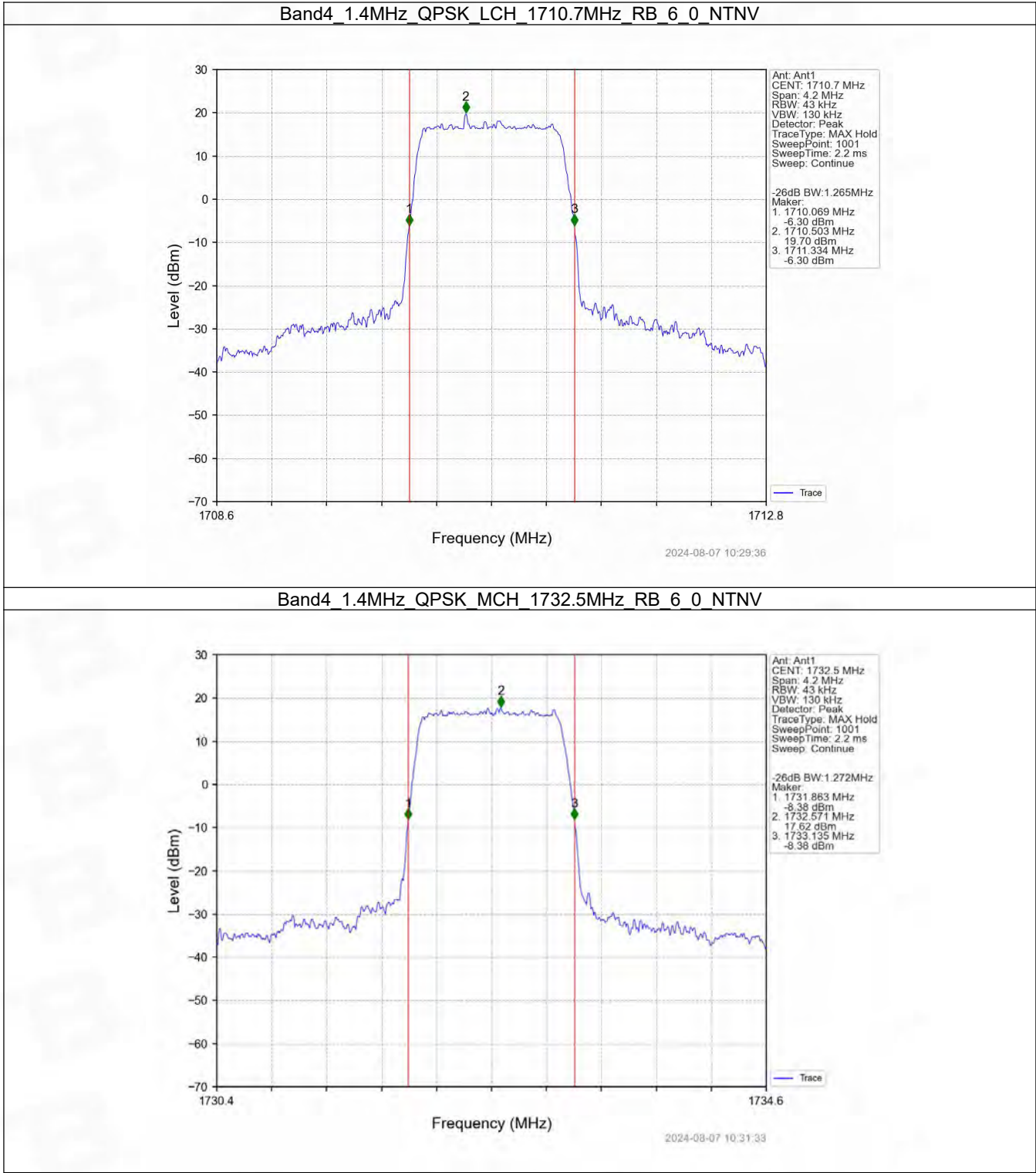
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



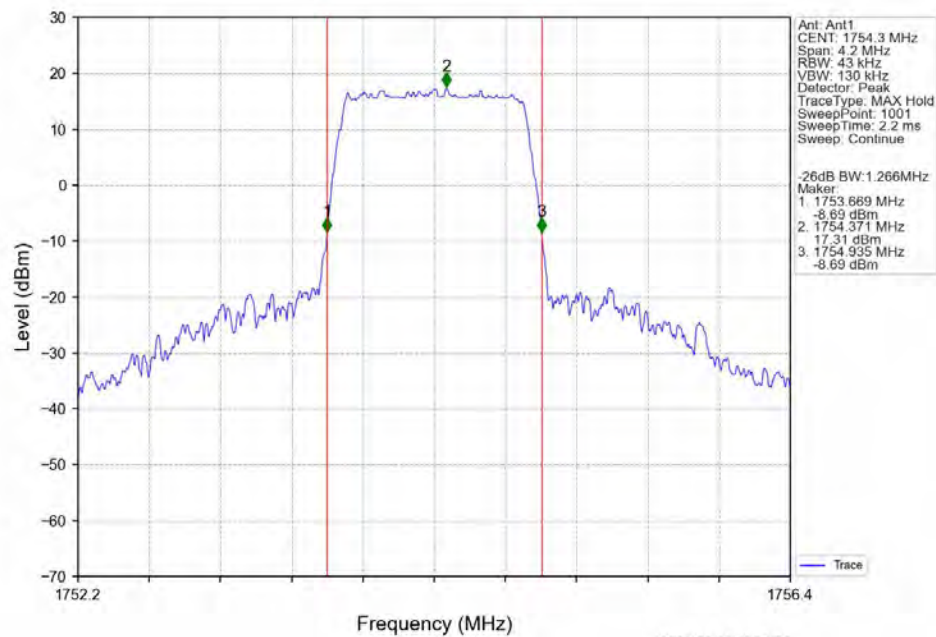
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4.2.2 Band4_XDB

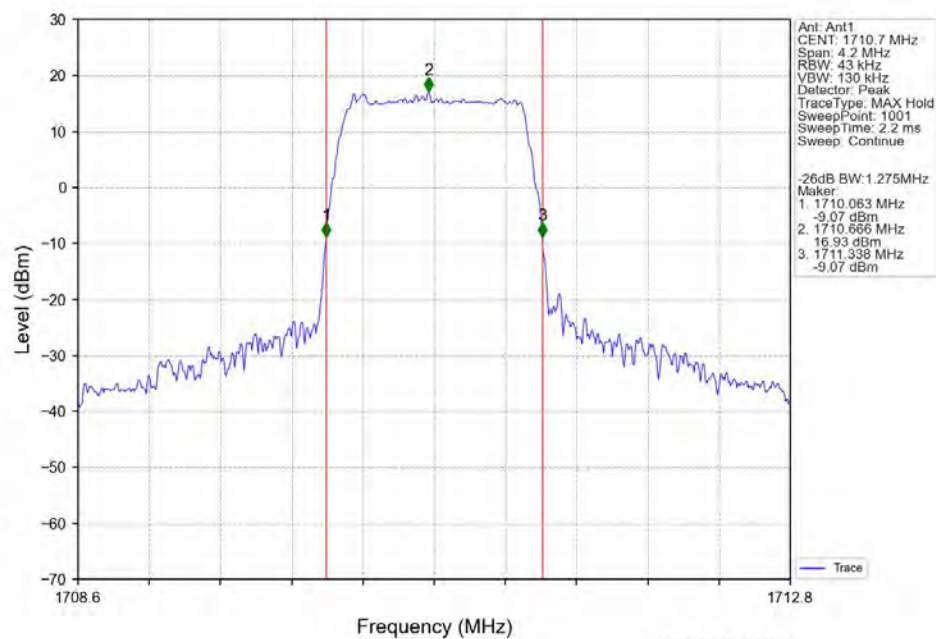


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



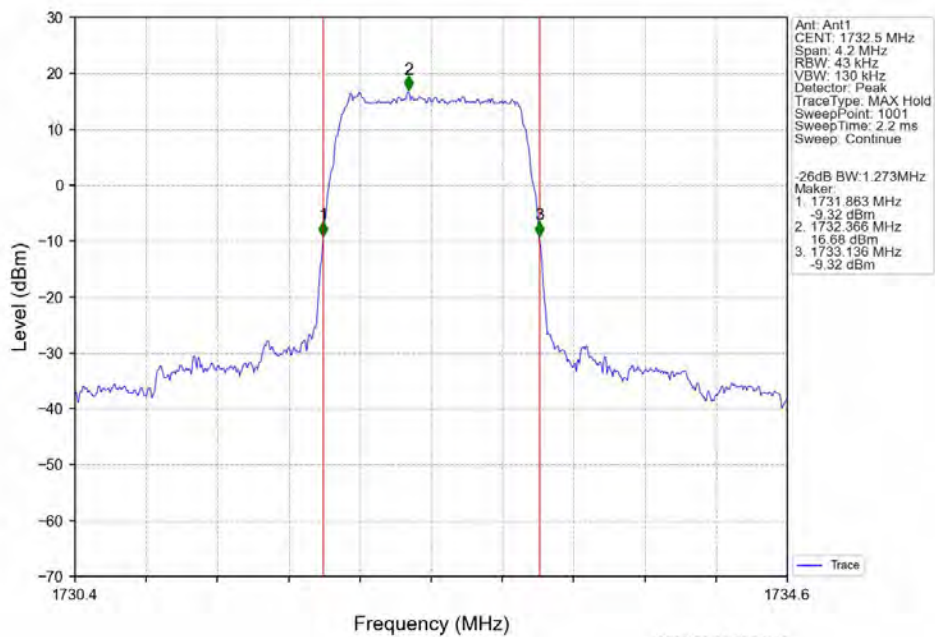
2024-08-07 10:31:53

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

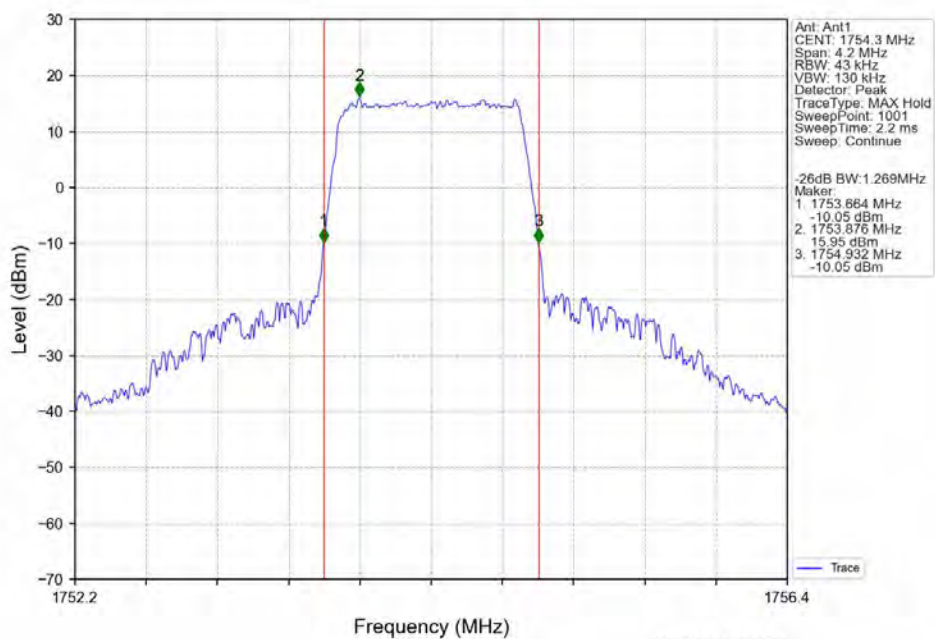


2024-08-07 10:29:45

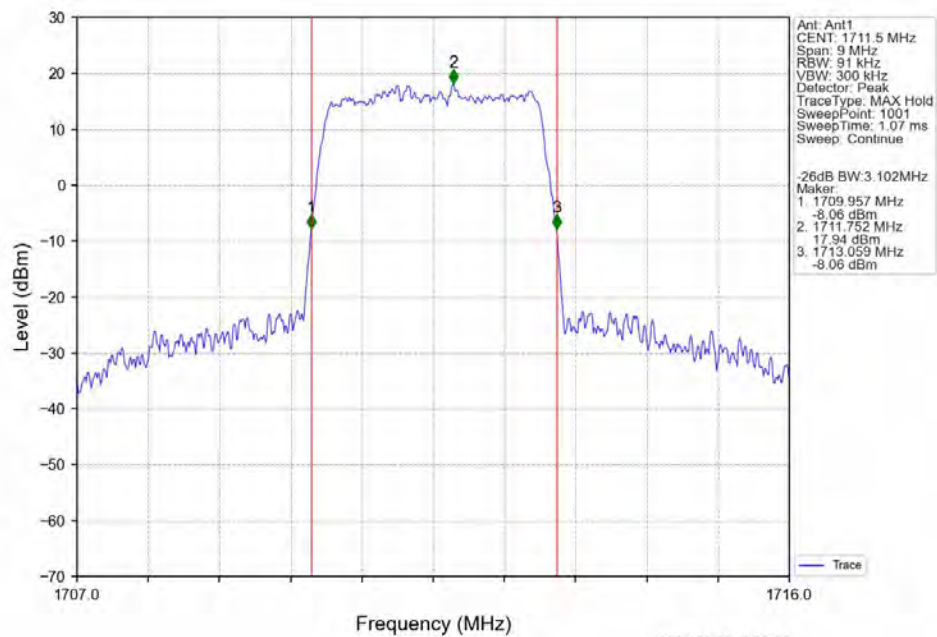
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



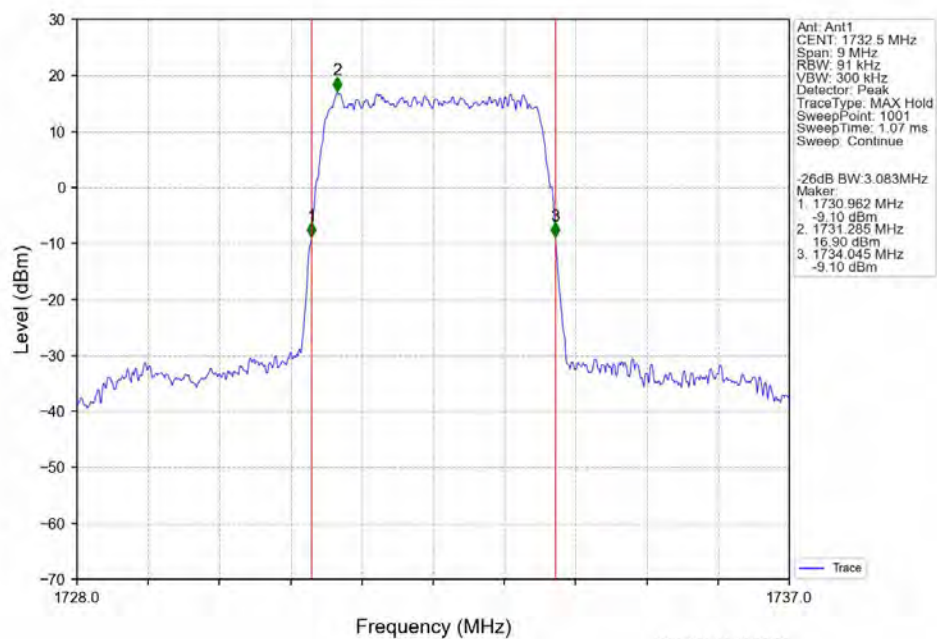
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



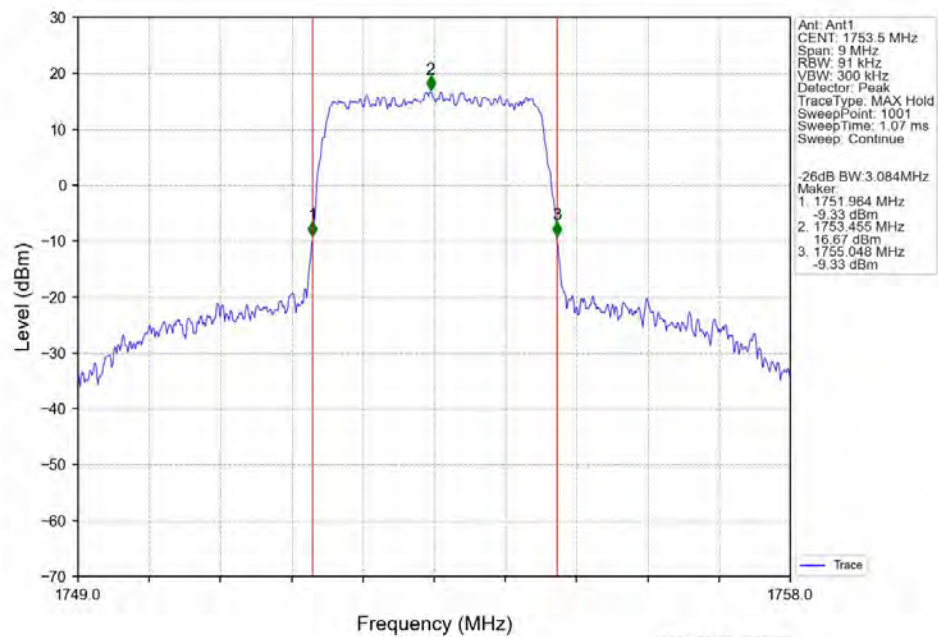
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



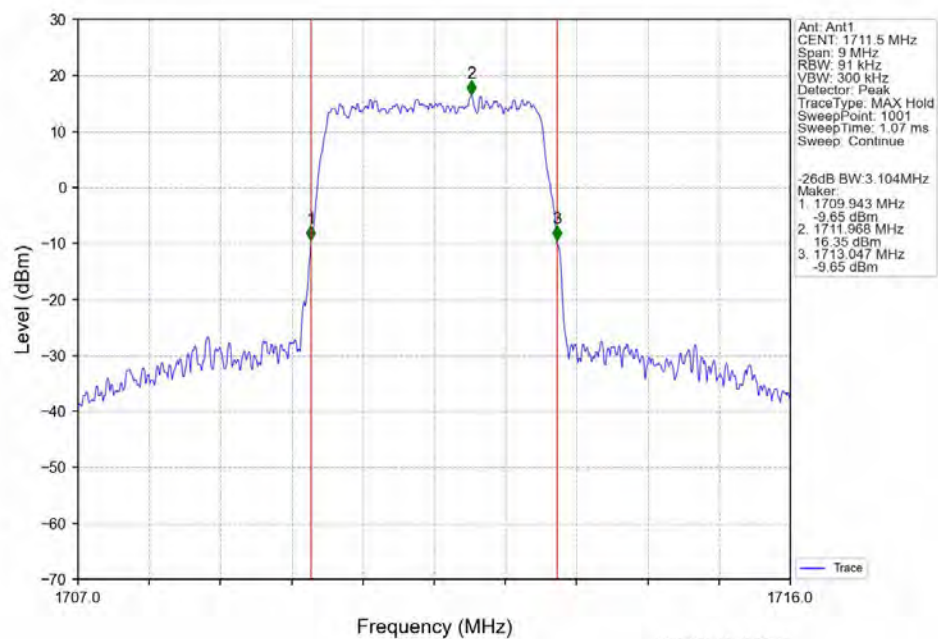
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



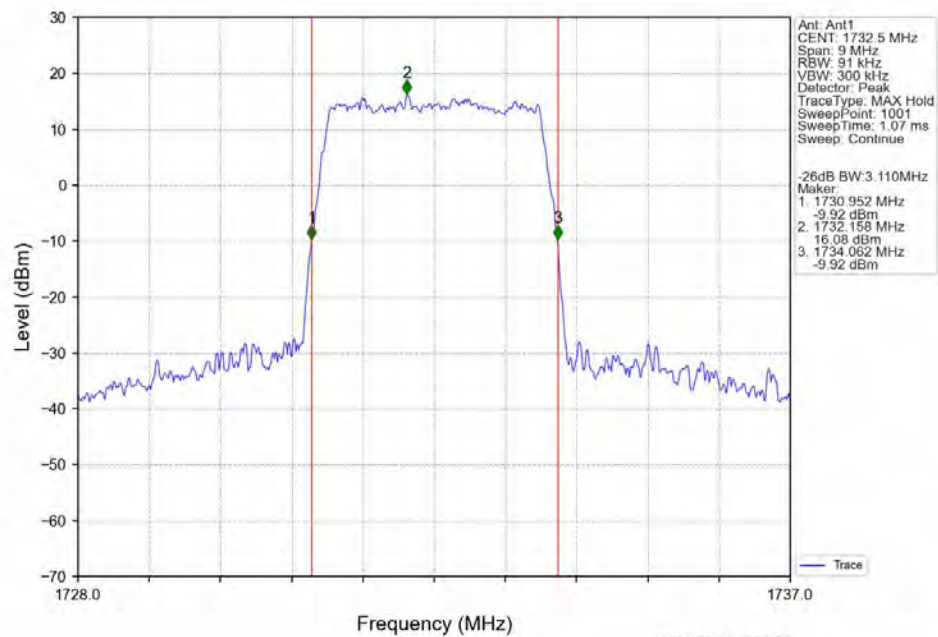
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



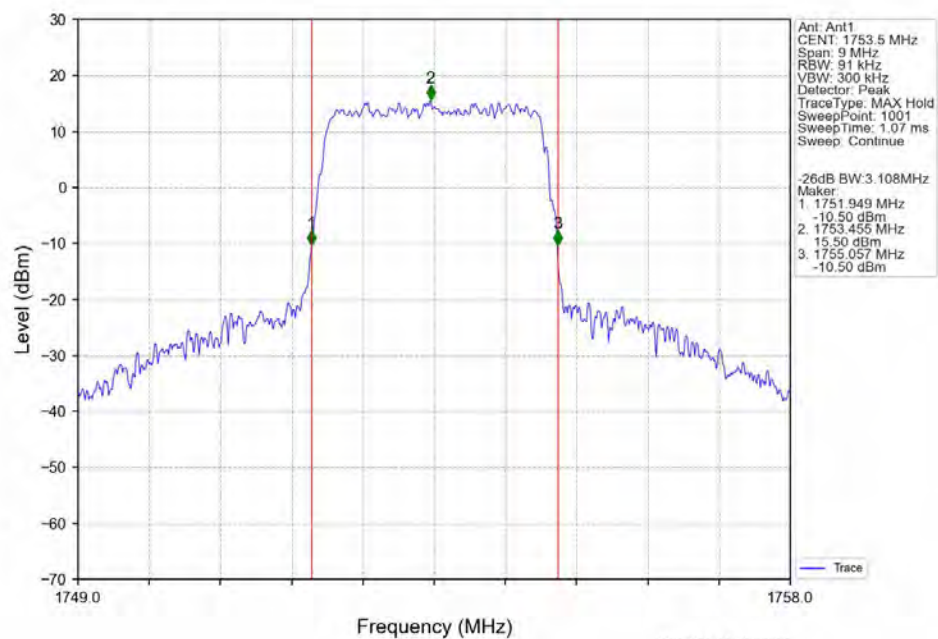
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



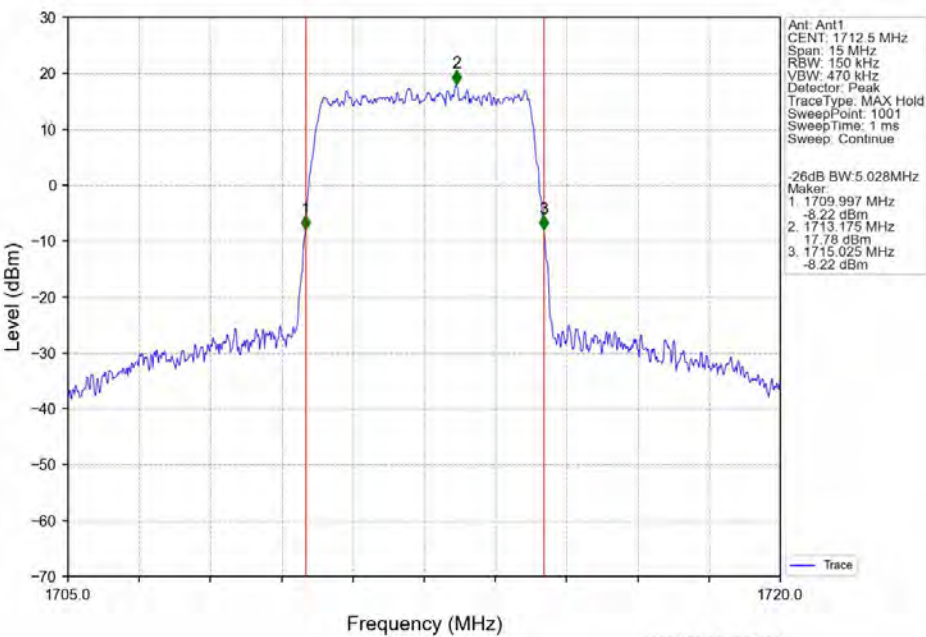
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

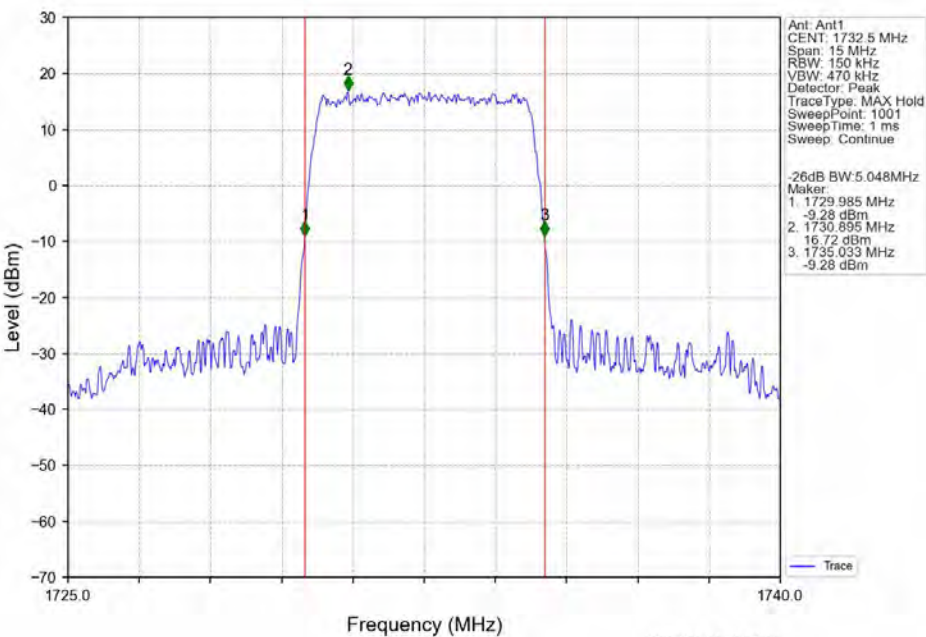


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



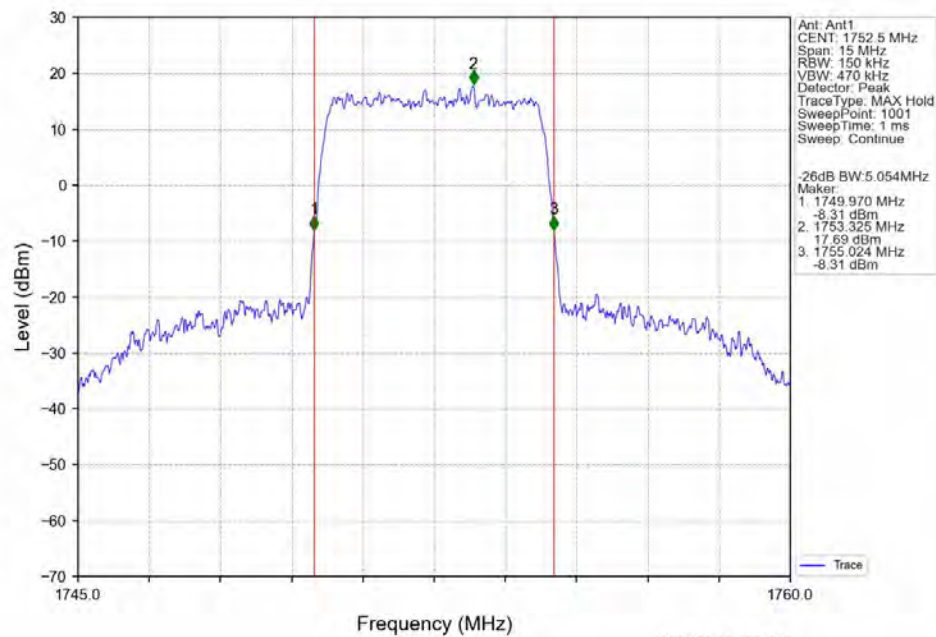
2024-08-07 10:34:05

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



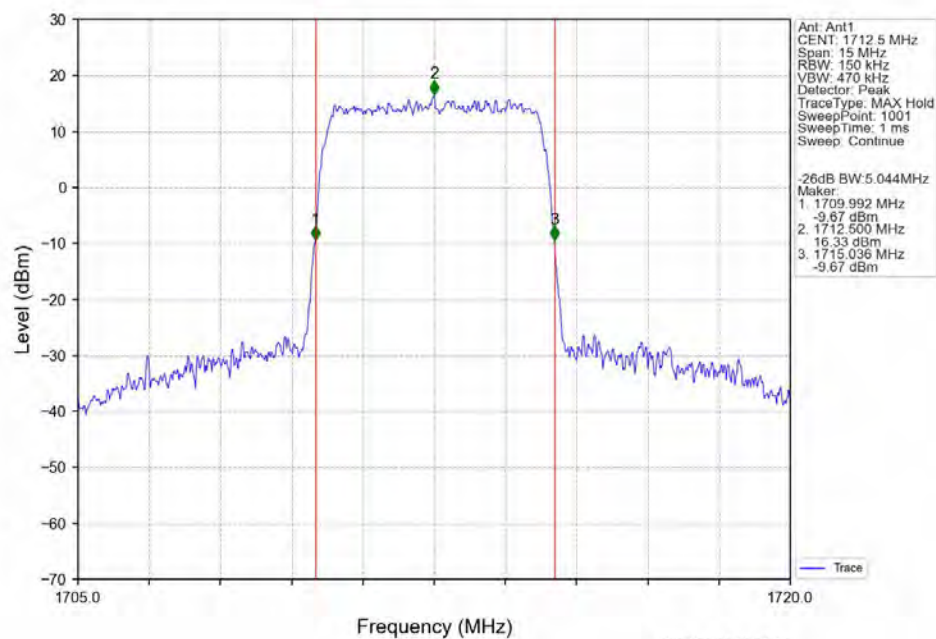
2024-08-07 10:34:26

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



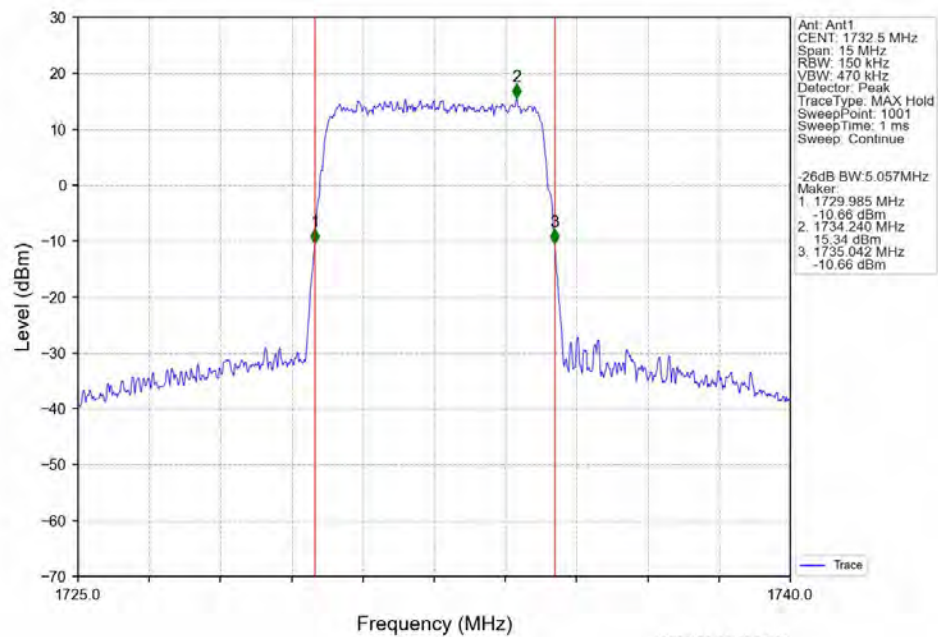
2024-08-07 10:34:46

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



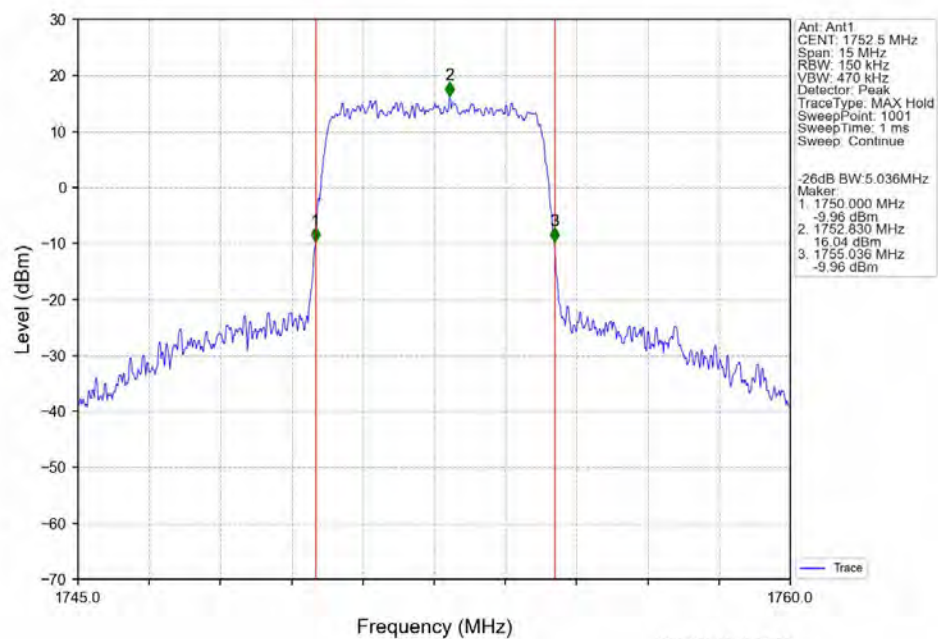
2024-08-07 10:34:13

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



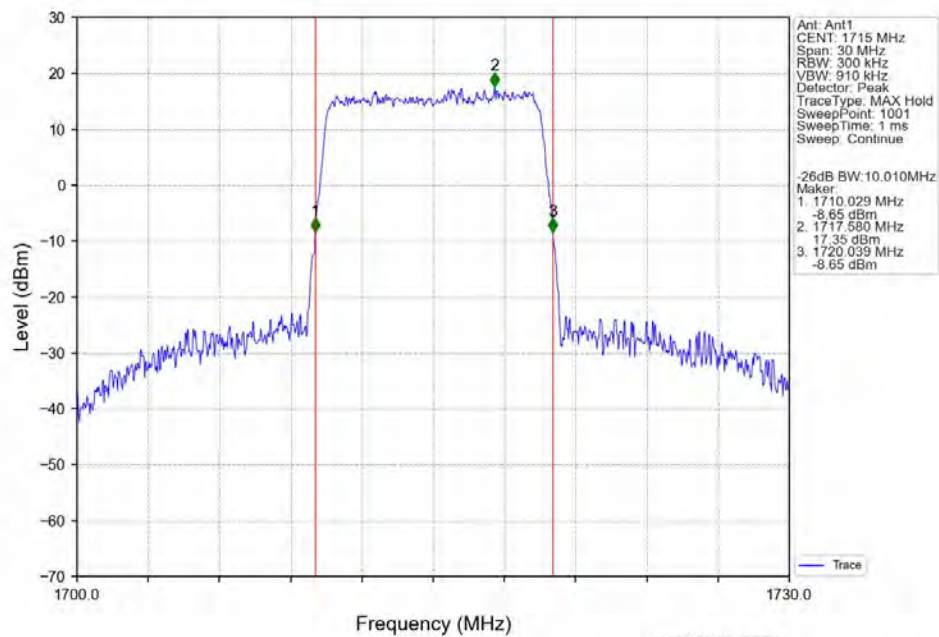
2024-08-07 10:34:34

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

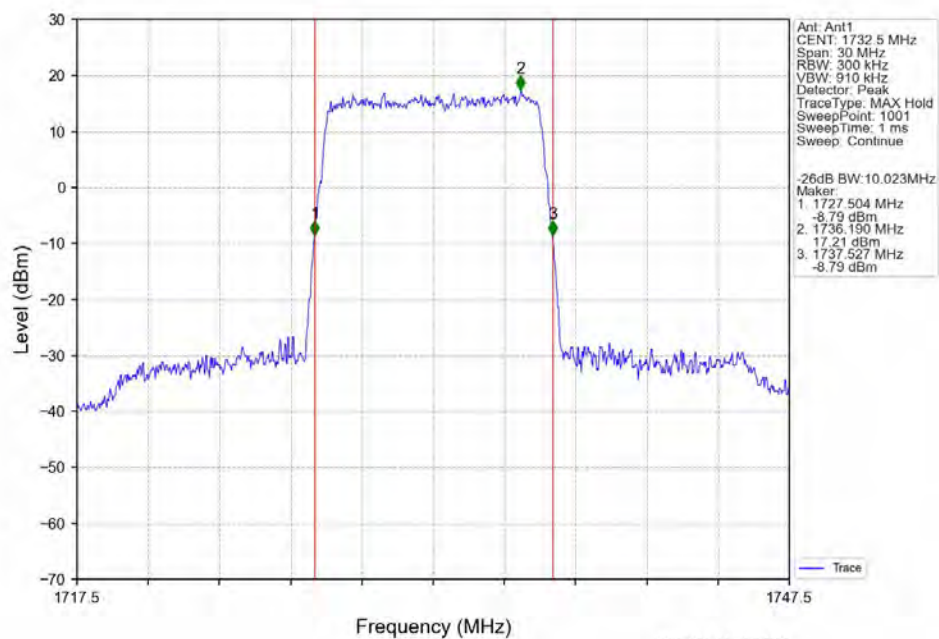


2024-08-07 10:34:55

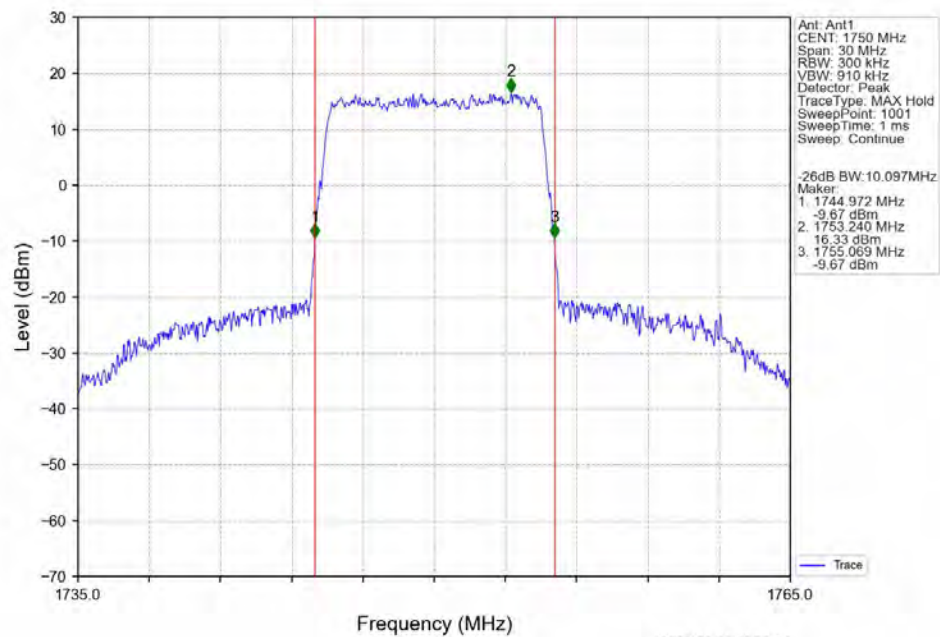
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



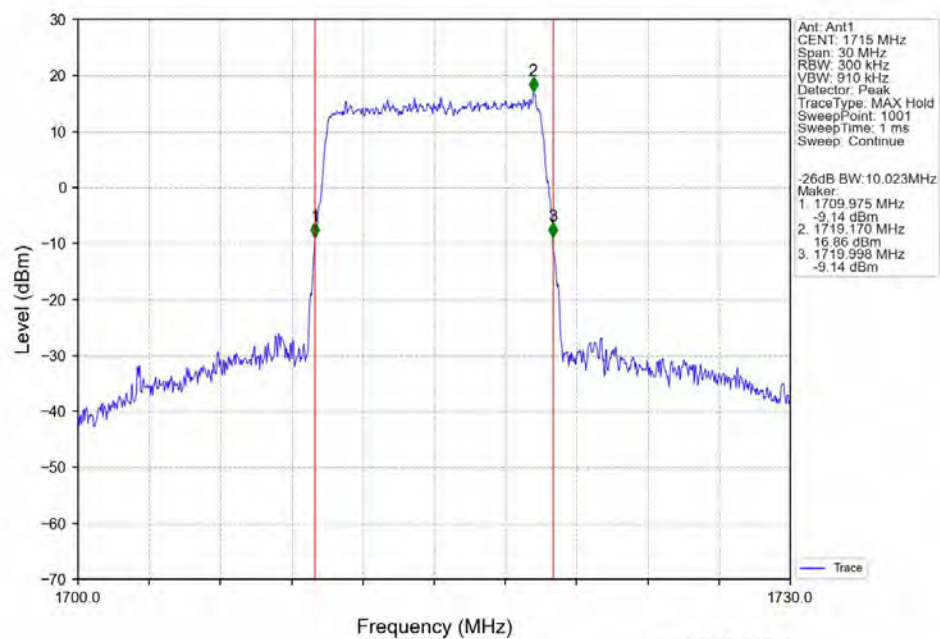
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



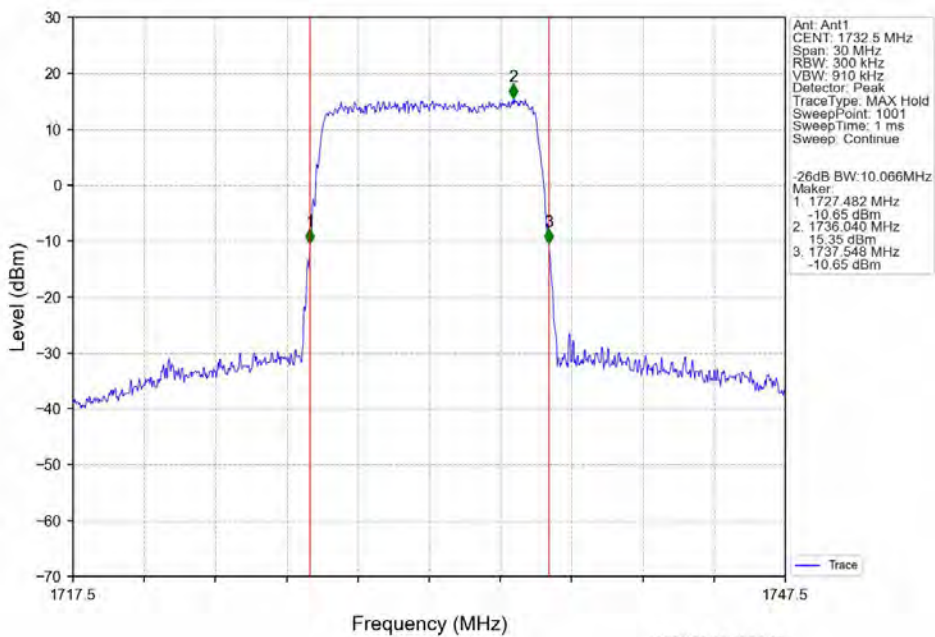
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



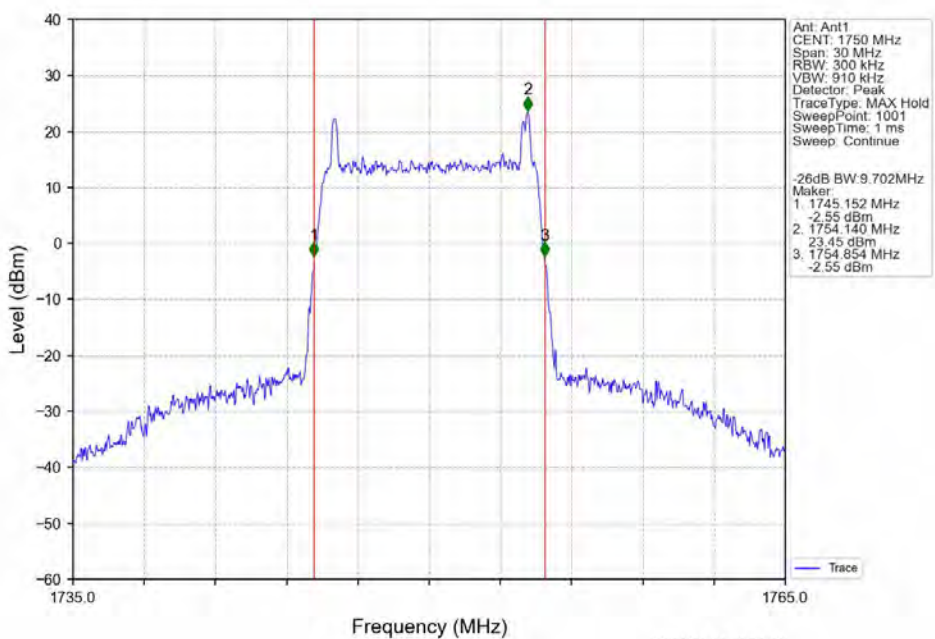
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



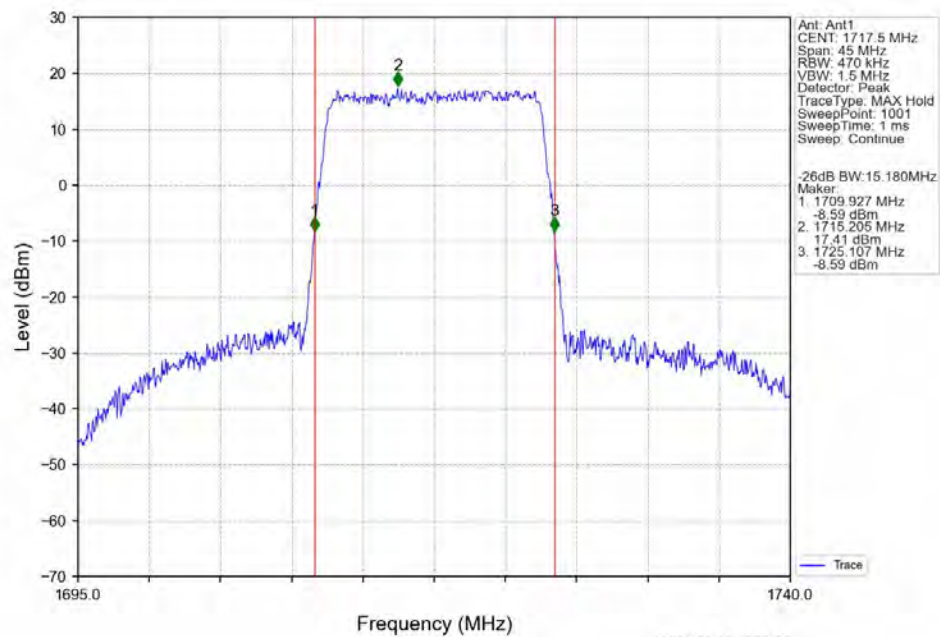
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



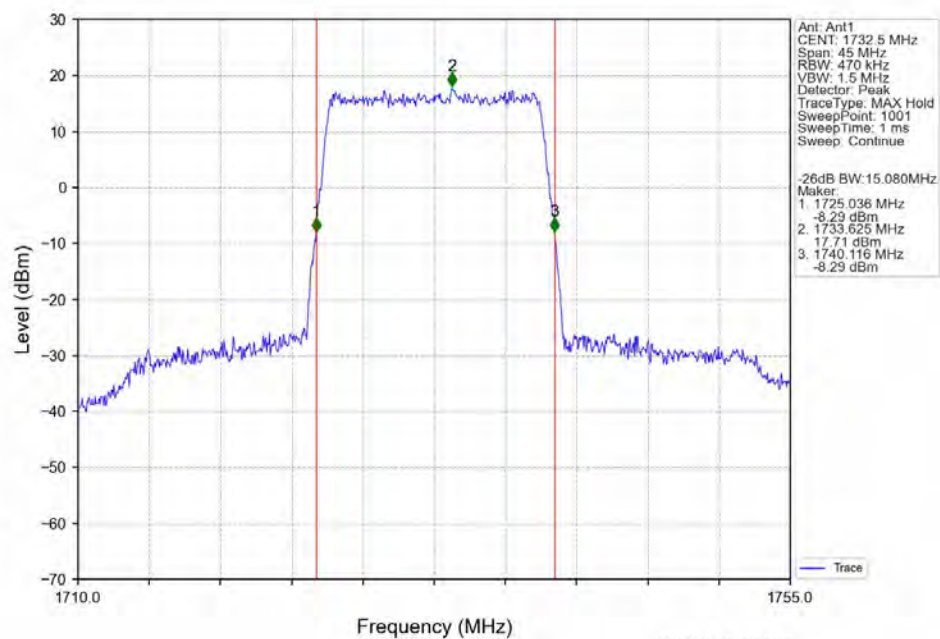
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



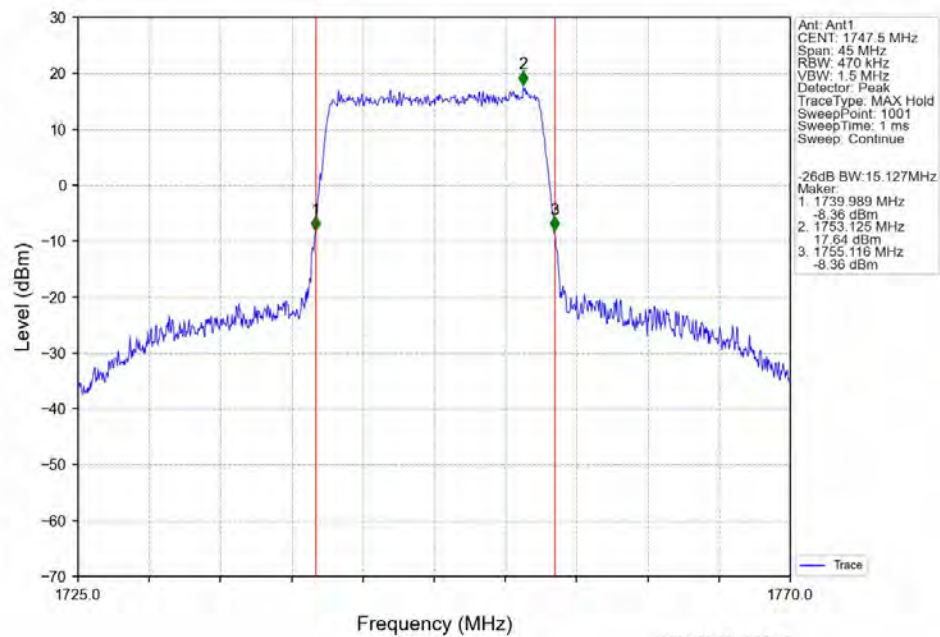
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



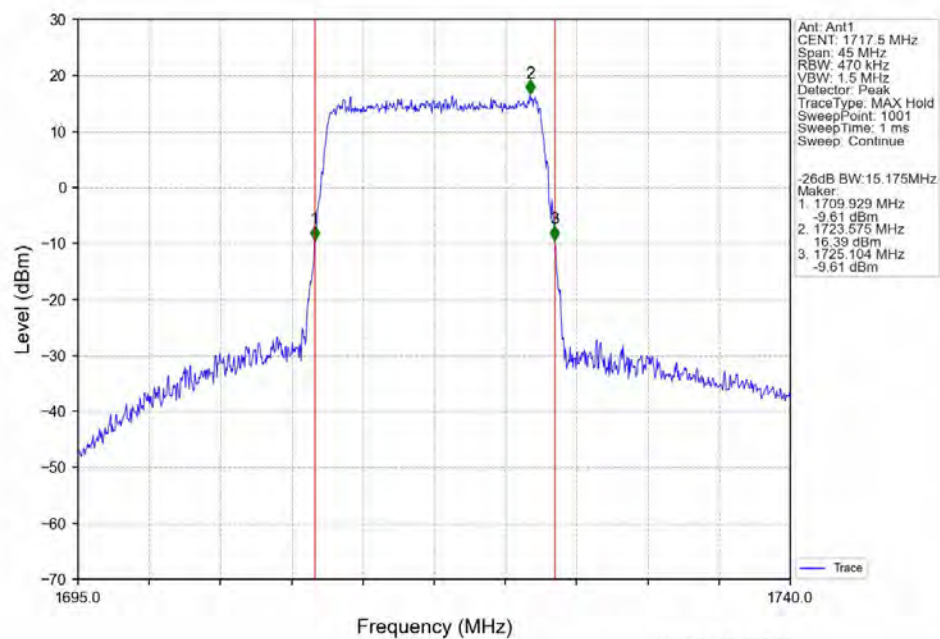
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



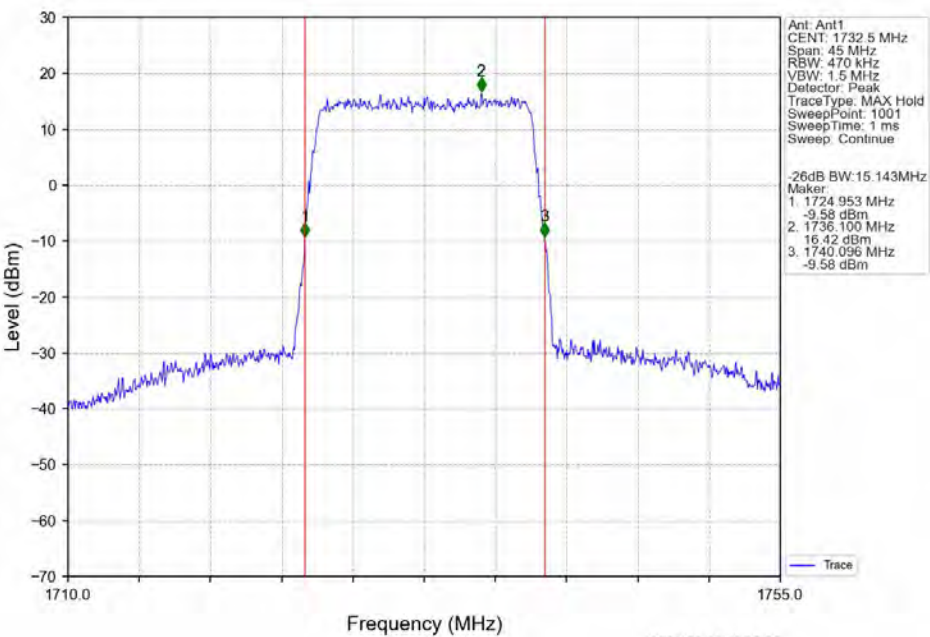
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

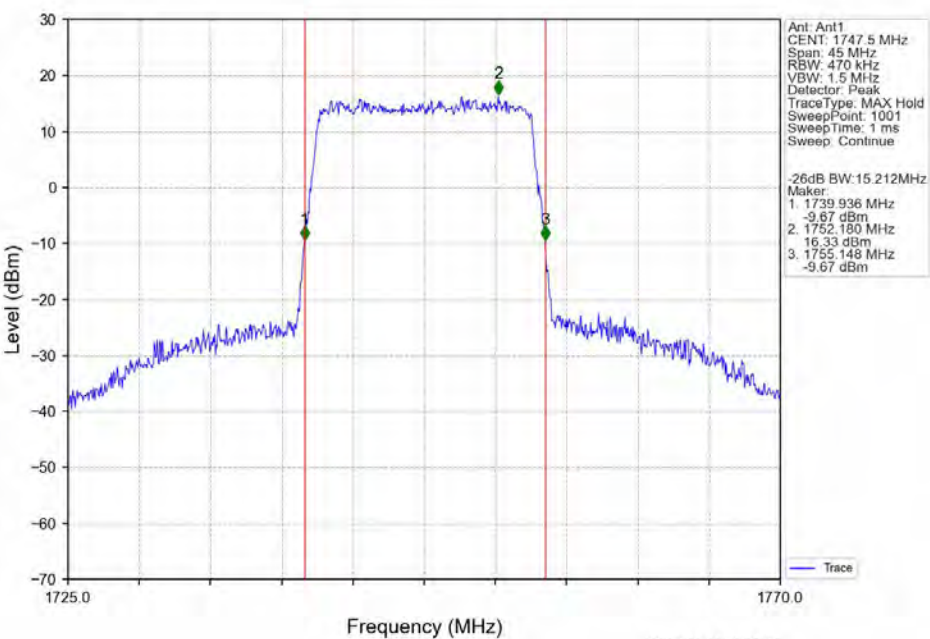


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



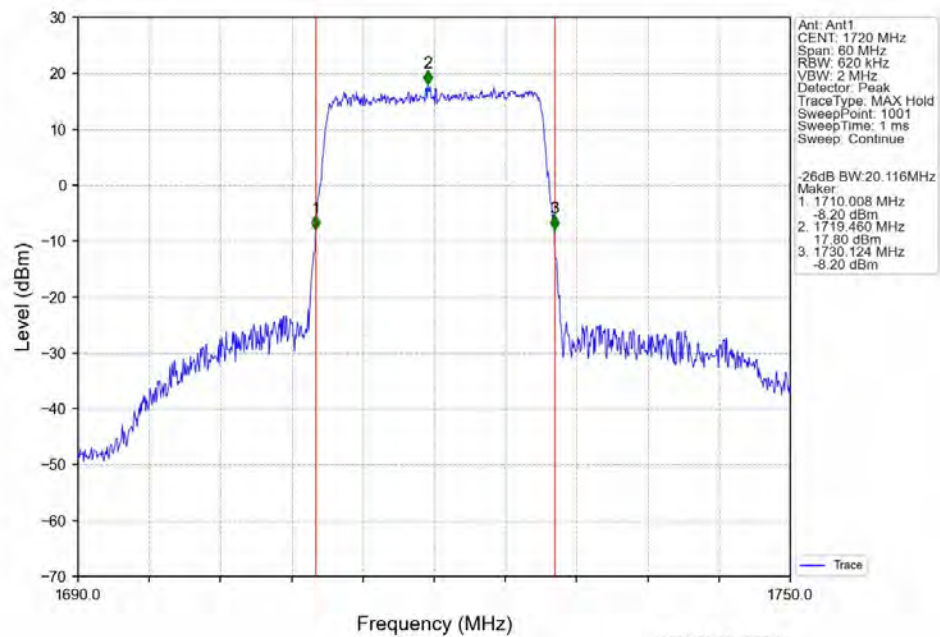
2024-08-07 10:37:29

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

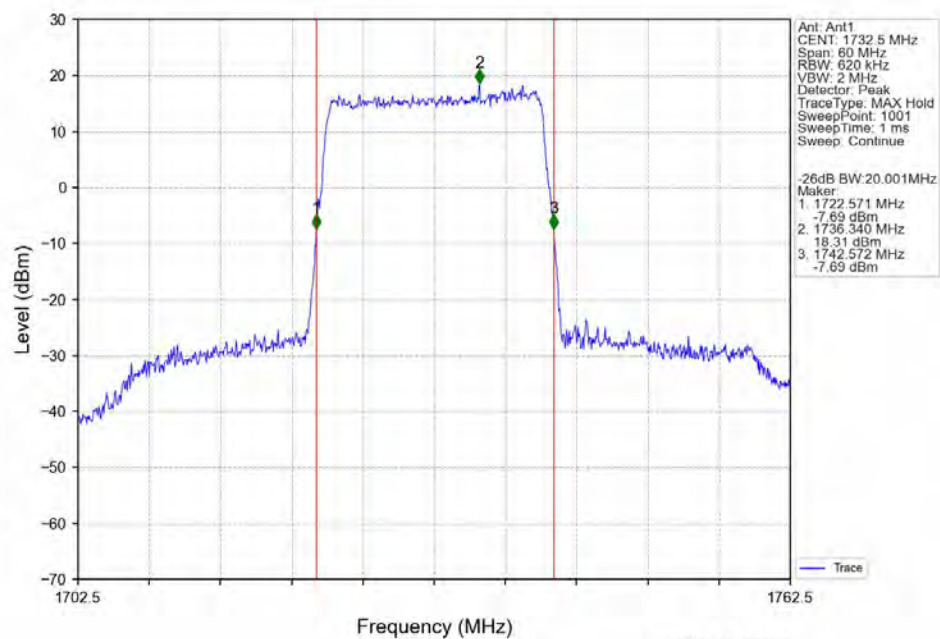


2024-08-07 10:37:49

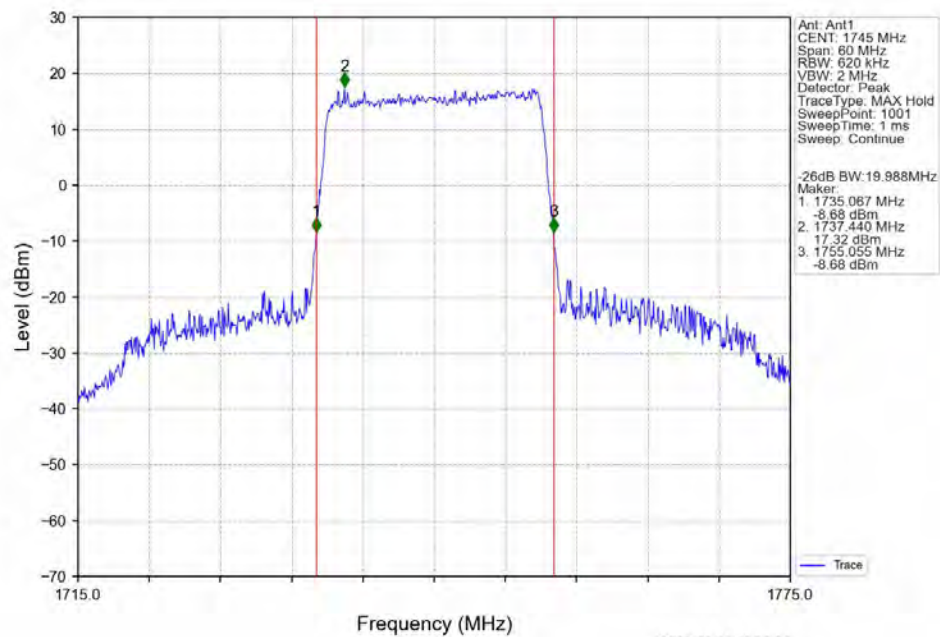
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



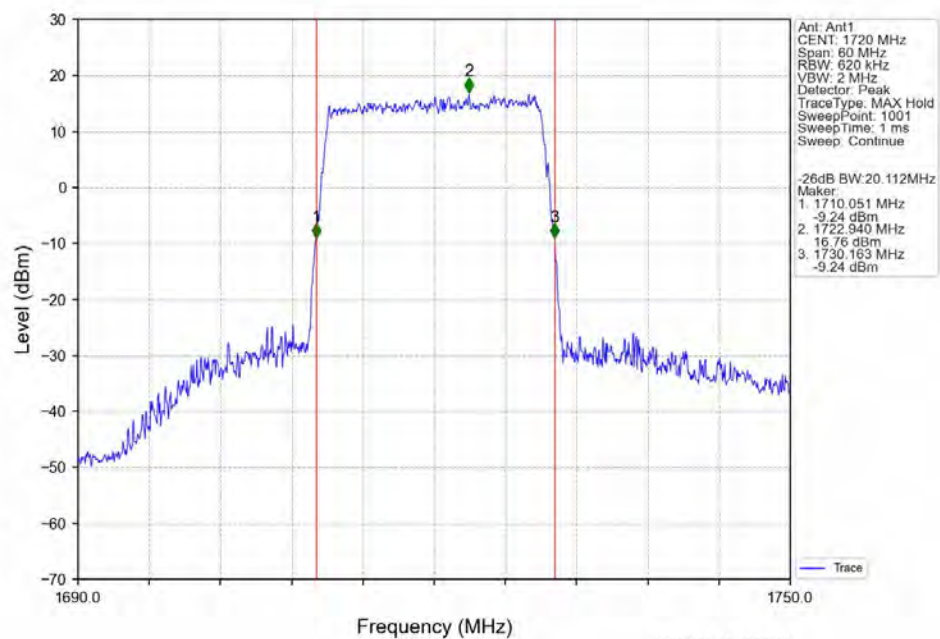
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



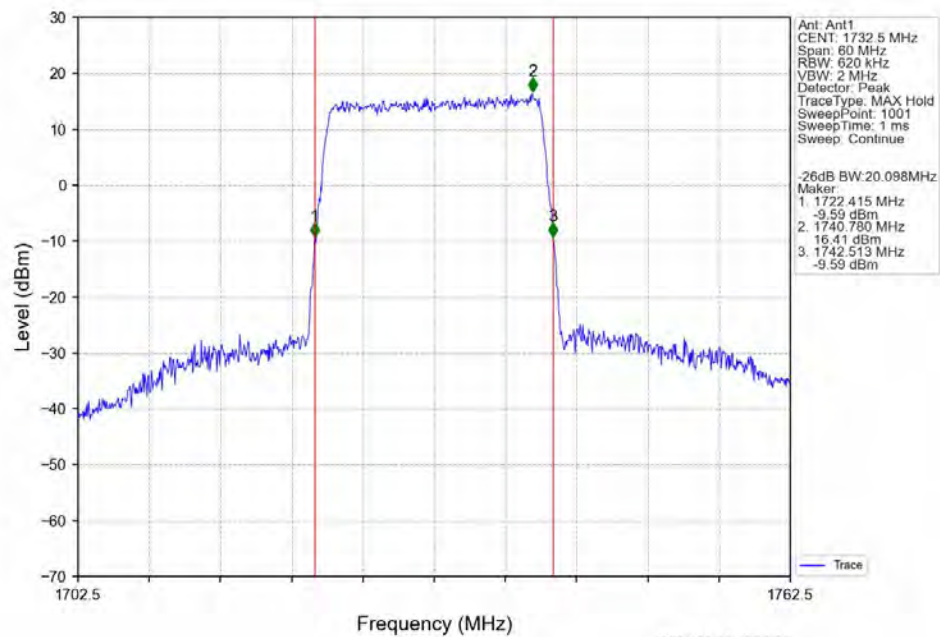
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



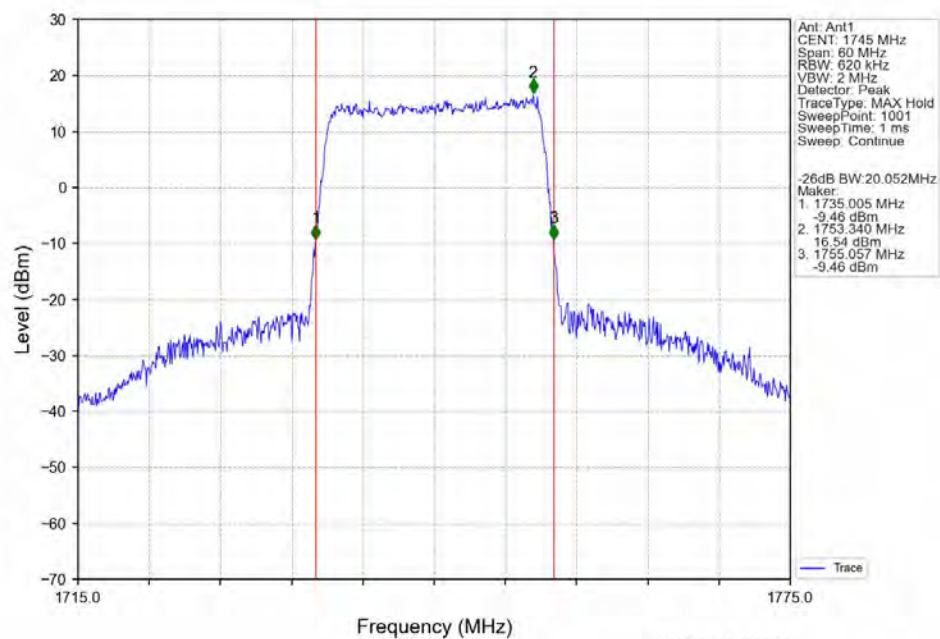
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.33	<=13	Pass
	1732.5	6	0	5.53	<=13	Pass
	1754.3	6	0	4.90	<=13	Pass
16QAM	1710.7	6	0	6.17	<=13	Pass
	1732.5	6	0	6.38	<=13	Pass
	1754.3	6	0	5.84	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.36	<=13	Pass
	1732.5	15	0	5.50	<=13	Pass
	1753.5	15	0	5.03	<=13	Pass
16QAM	1711.5	15	0	6.25	<=13	Pass
	1732.5	15	0	6.39	<=13	Pass
	1753.5	15	0	5.97	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.45	<=13	Pass
	1732.5	25	0	5.62	<=13	Pass
	1752.5	25	0	5.24	<=13	Pass
16QAM	1712.5	25	0	6.27	<=13	Pass
	1732.5	25	0	6.37	<=13	Pass
	1752.5	25	0	6.01	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.58	<=13	Pass
	1732.5	50	0	5.64	<=13	Pass
	1750	50	0	5.36	<=13	Pass
16QAM	1715	50	0	6.34	<=13	Pass
	1732.5	50	0	6.39	<=13	Pass

	1750	50	0	6.11	<=13	Pass
--	------	----	---	------	------	------

5.1.5 B4_15MHz

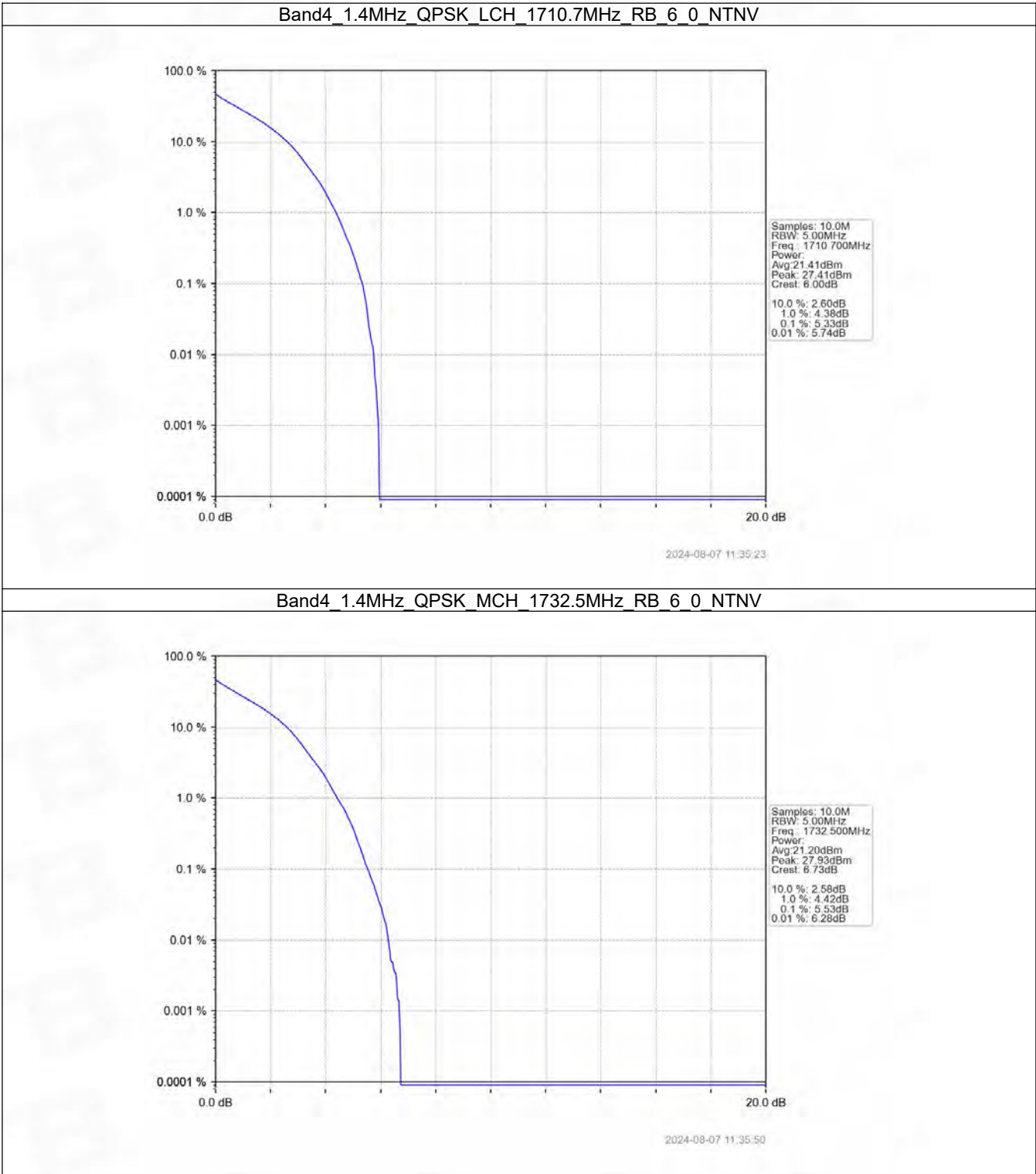
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.83	<=13	Pass
	1732.5	75	0	5.87	<=13	Pass
	1747.5	75	0	5.56	<=13	Pass
16QAM	1717.5	75	0	6.33	<=13	Pass
	1732.5	75	0	6.39	<=13	Pass
	1747.5	75	0	6.15	<=13	Pass

5.1.6 B4_20MHz

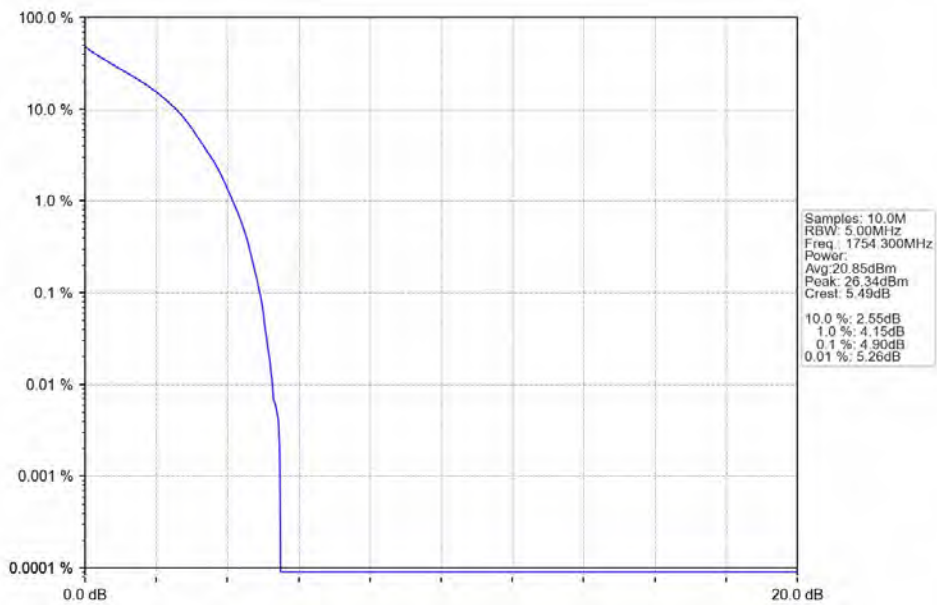
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.64	<=13	Pass
	1732.5	100	0	5.62	<=13	Pass
	1745	100	0	5.44	<=13	Pass
16QAM	1720	100	0	6.35	<=13	Pass
	1732.5	100	0	6.36	<=13	Pass
	1745	100	0	6.22	<=13	Pass

5.2 Test Graph

5.2.1 B4_1.4MHz

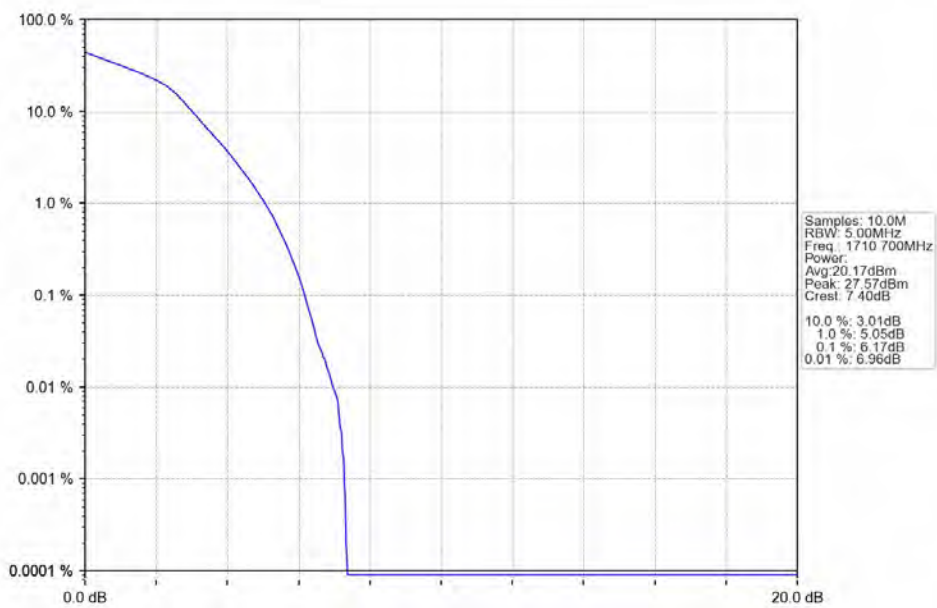


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



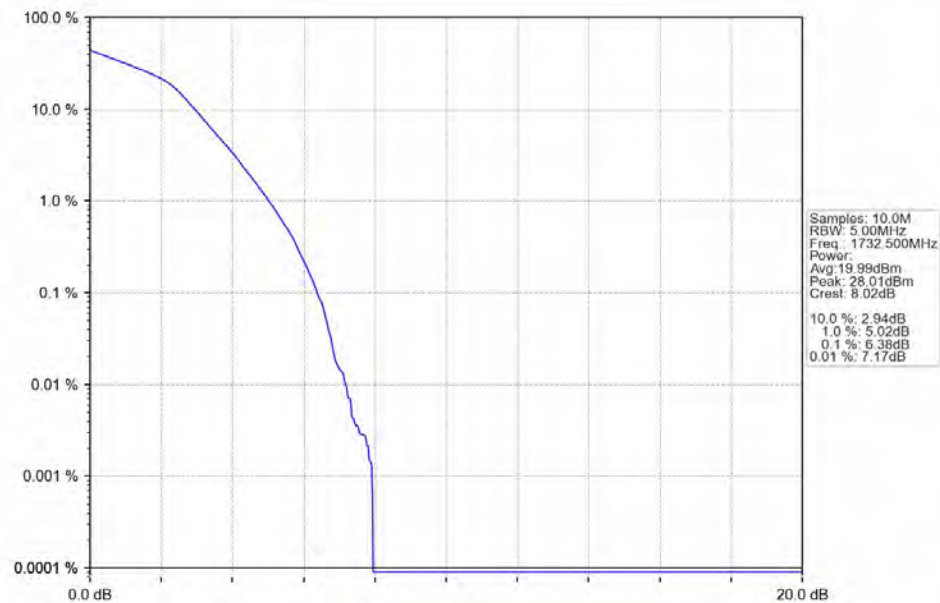
2024-08-07 11:36:20

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



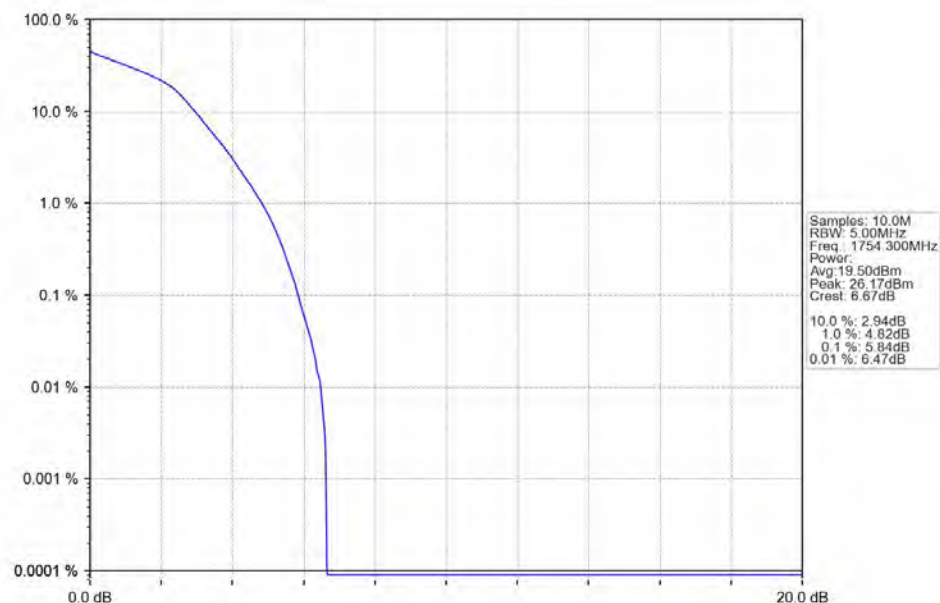
2024-08-07 11:35:35

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



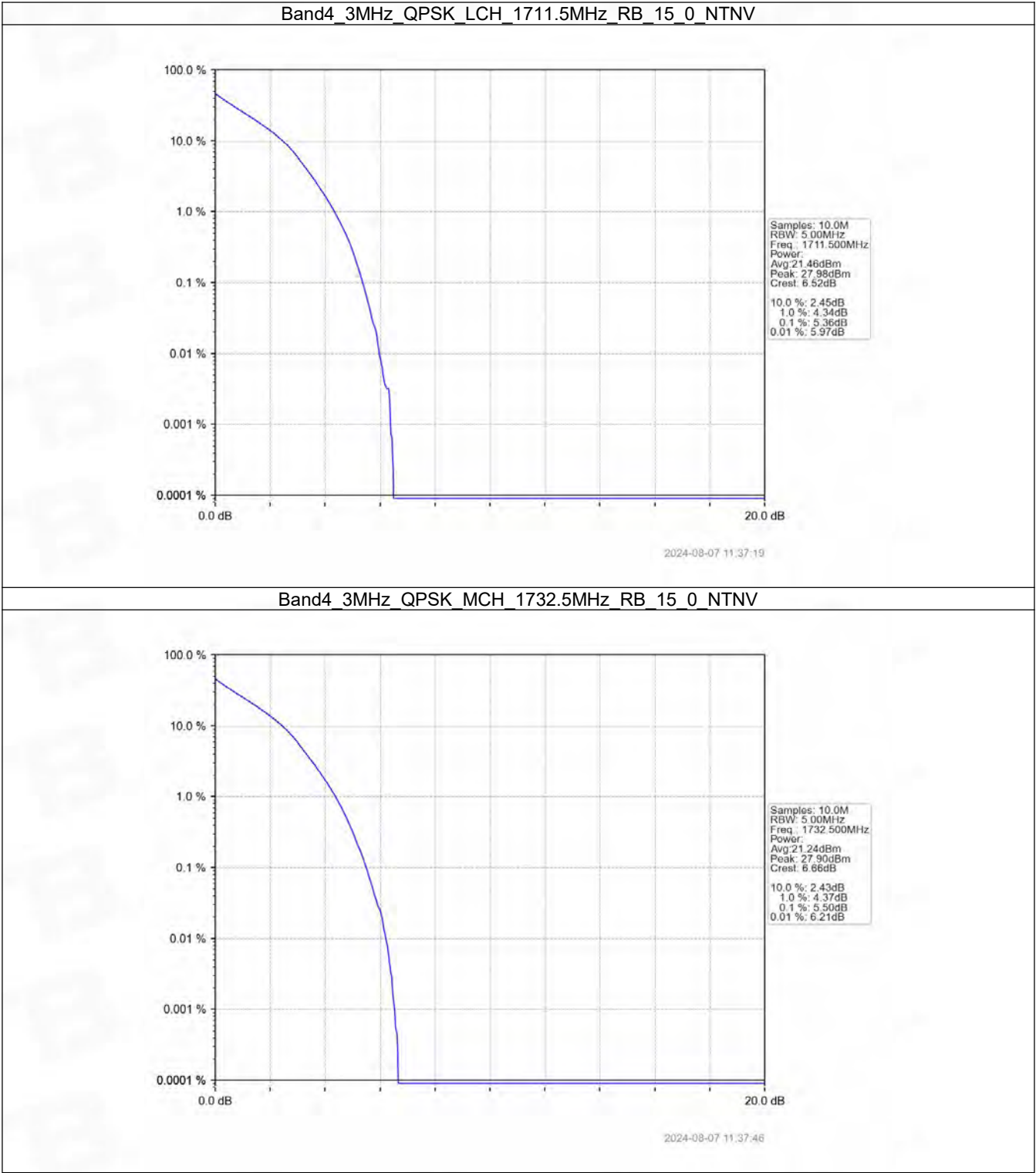
2024-08-07 11:36:05

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

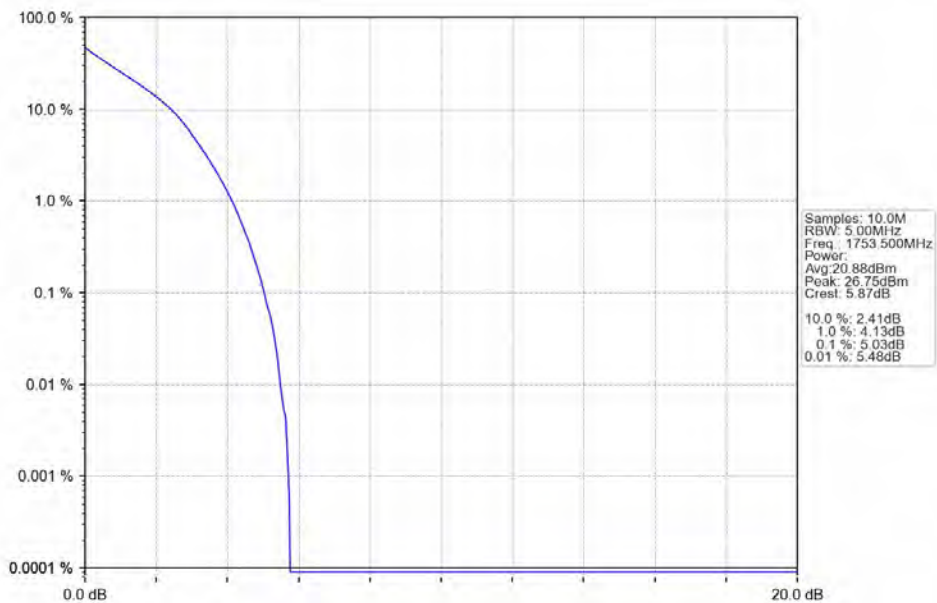


2024-08-07 11:36:31

5.2.2 B4_3MHz

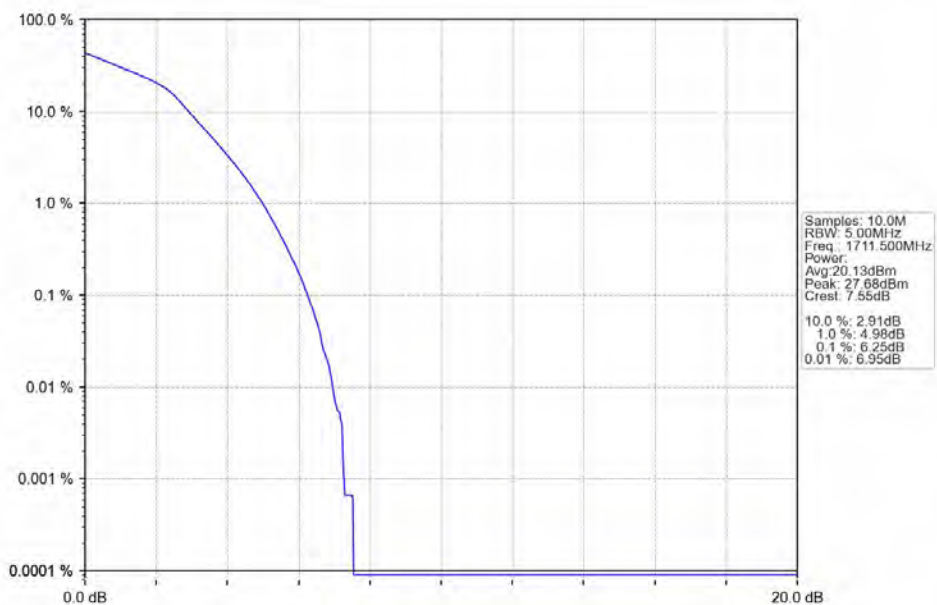


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



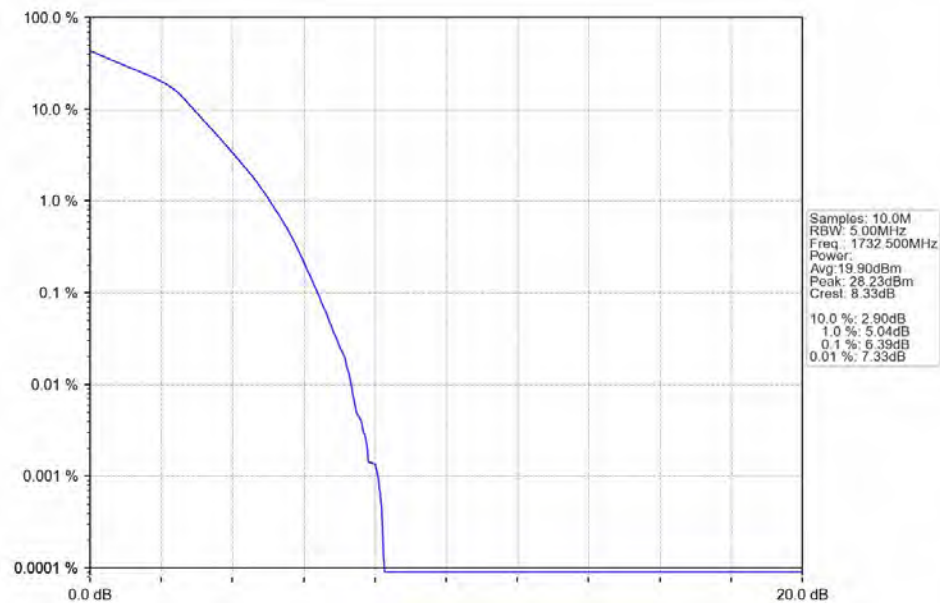
2024-08-07 11:38:13

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



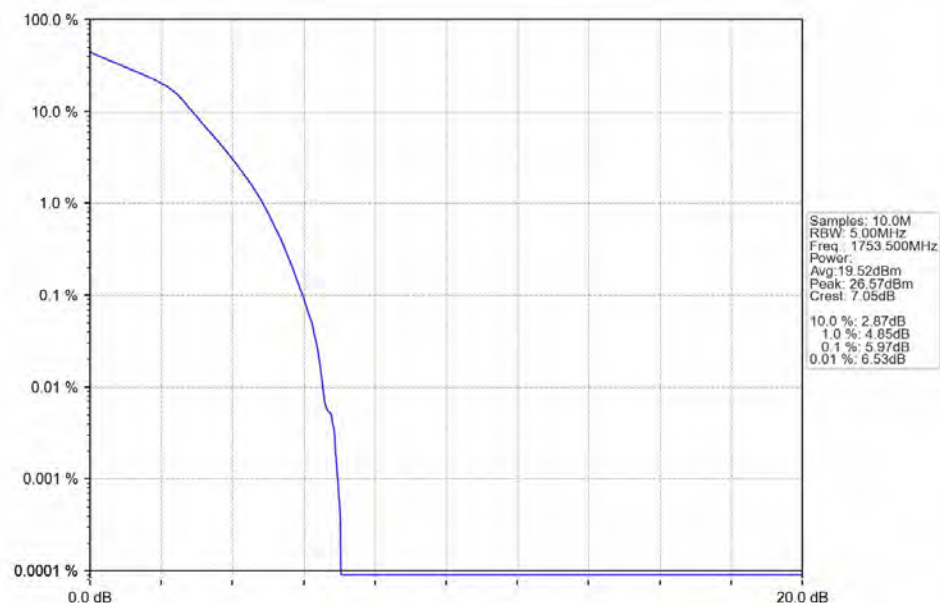
2024-08-07 11:37:32

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



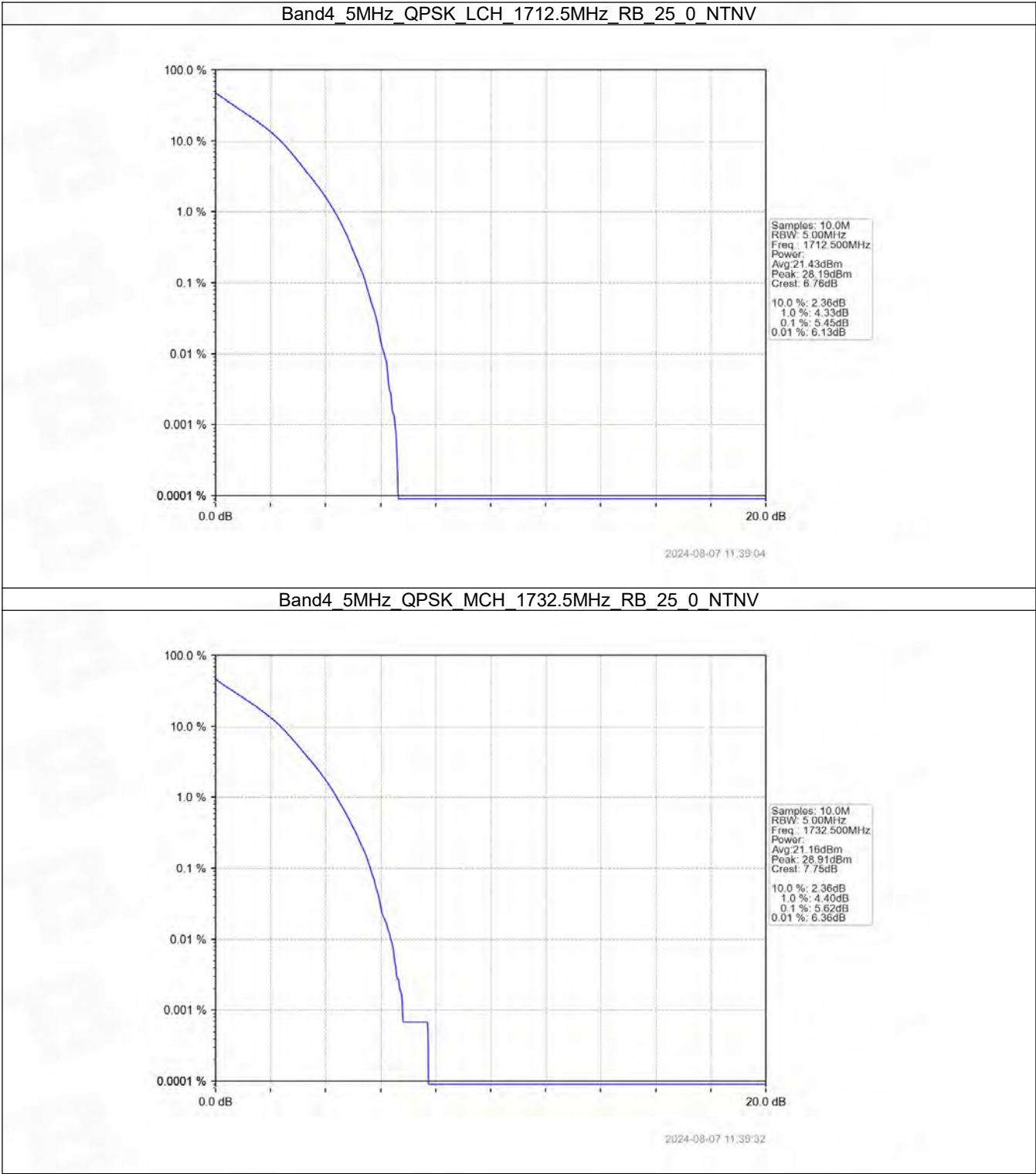
2024-08-07 11:38:00

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

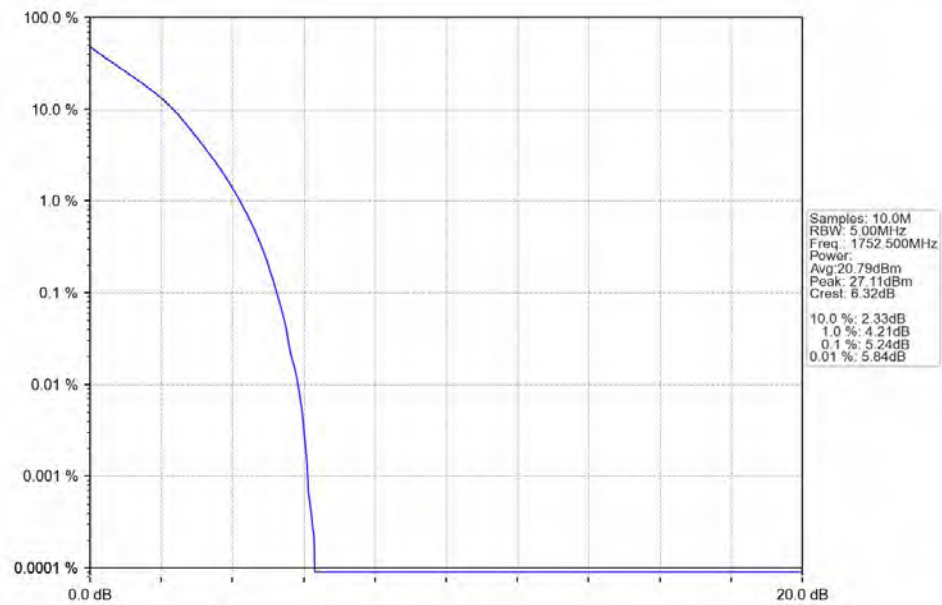


2024-08-07 11:38:25

5.2.3 B4_5MHz

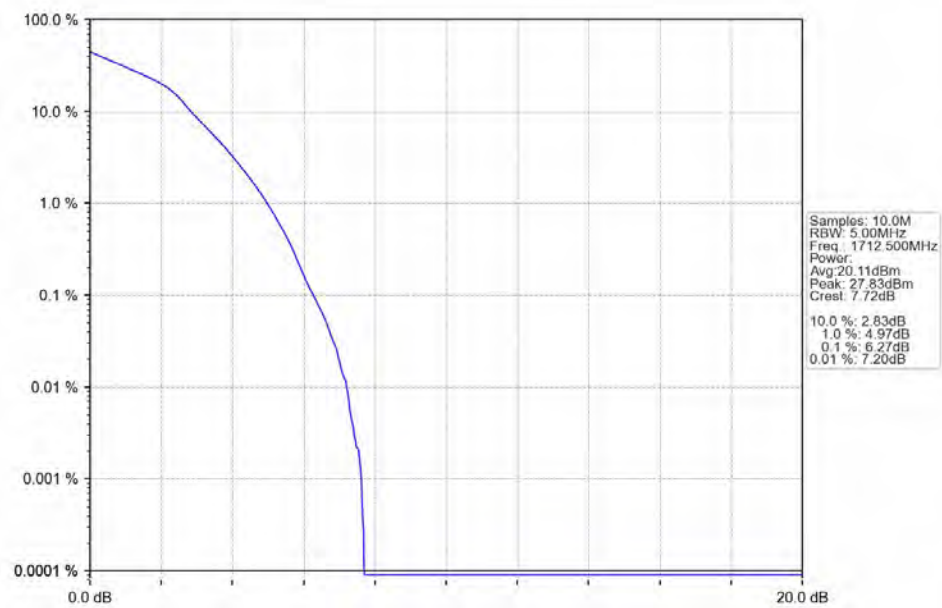


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



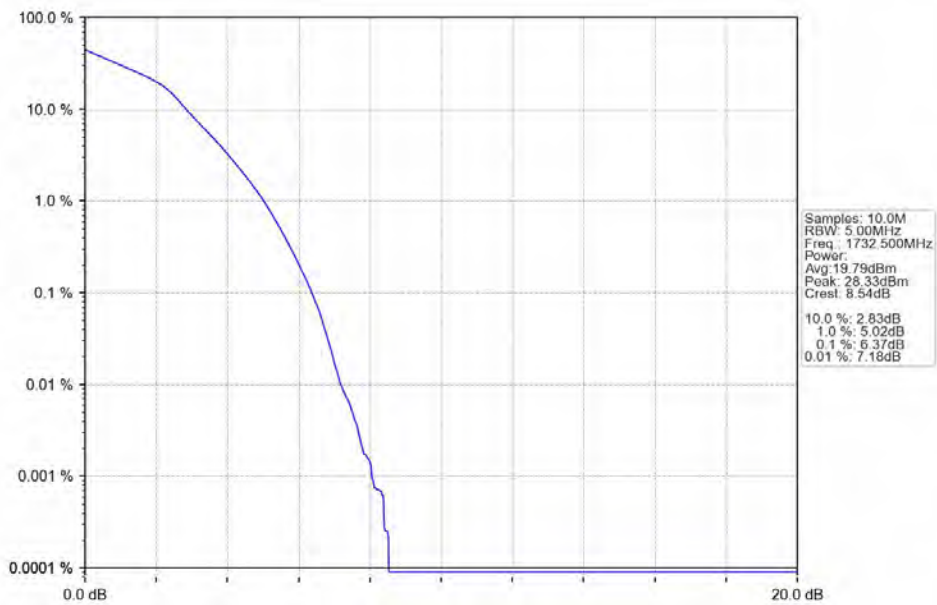
2024-08-07 11:40:00

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



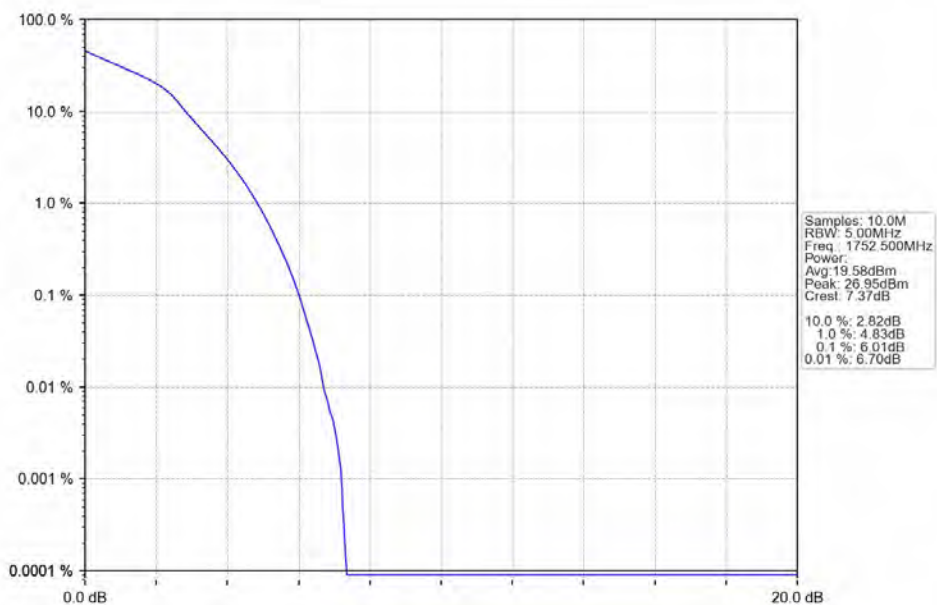
2024-08-07 11:39:16

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



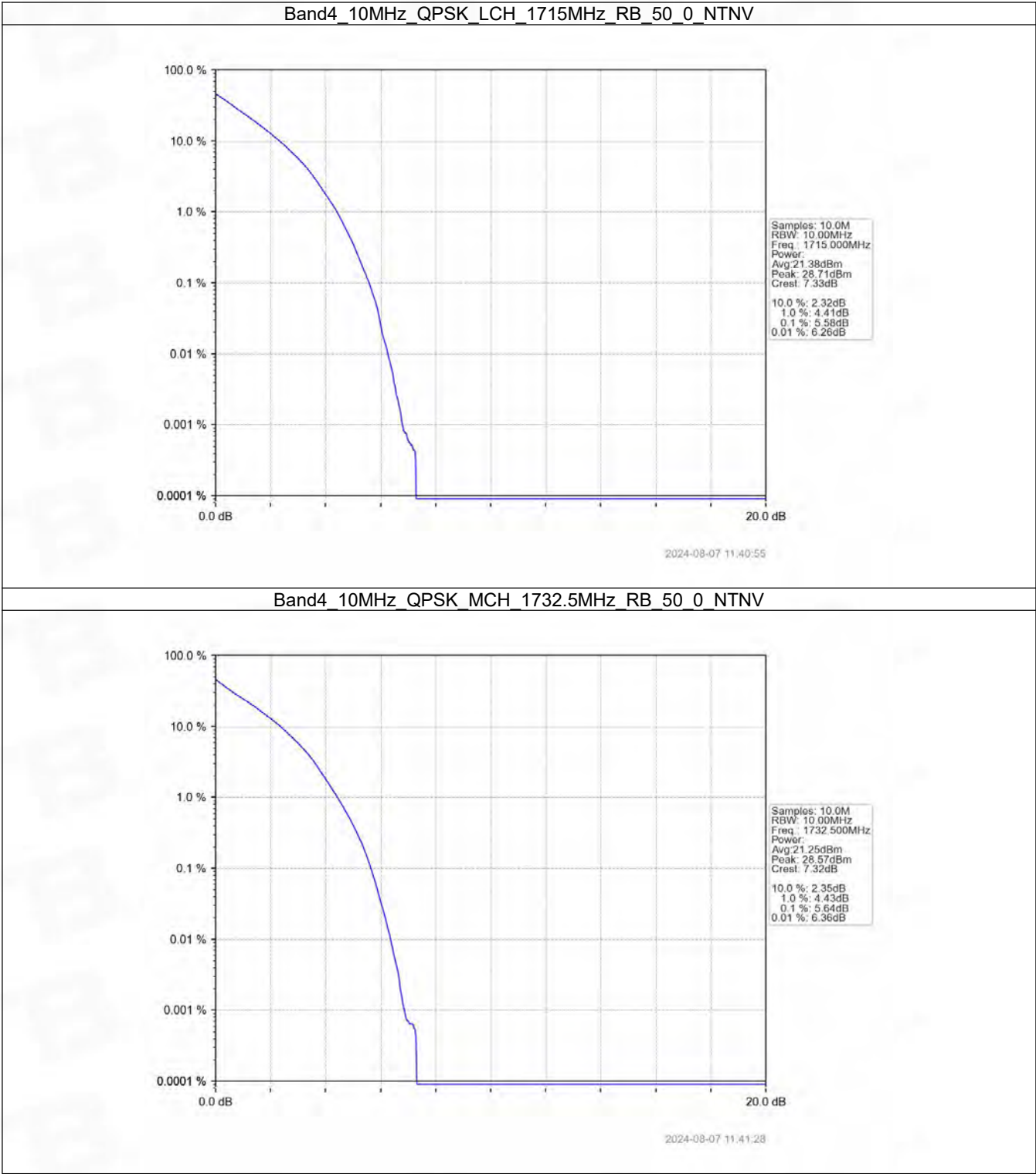
2024-08-07 11:39:46

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

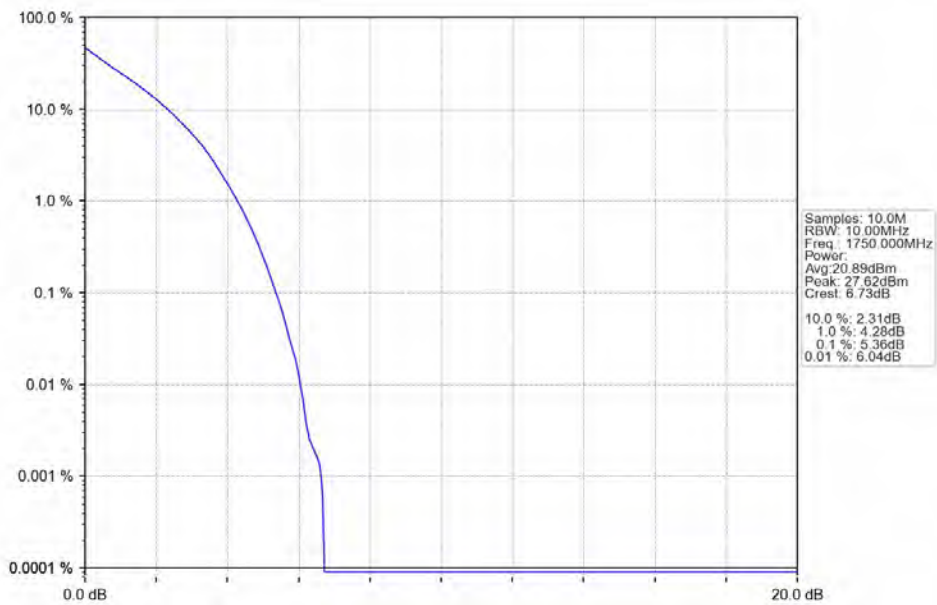


2024-08-07 11:40:12

5.2.4 B4_10MHz

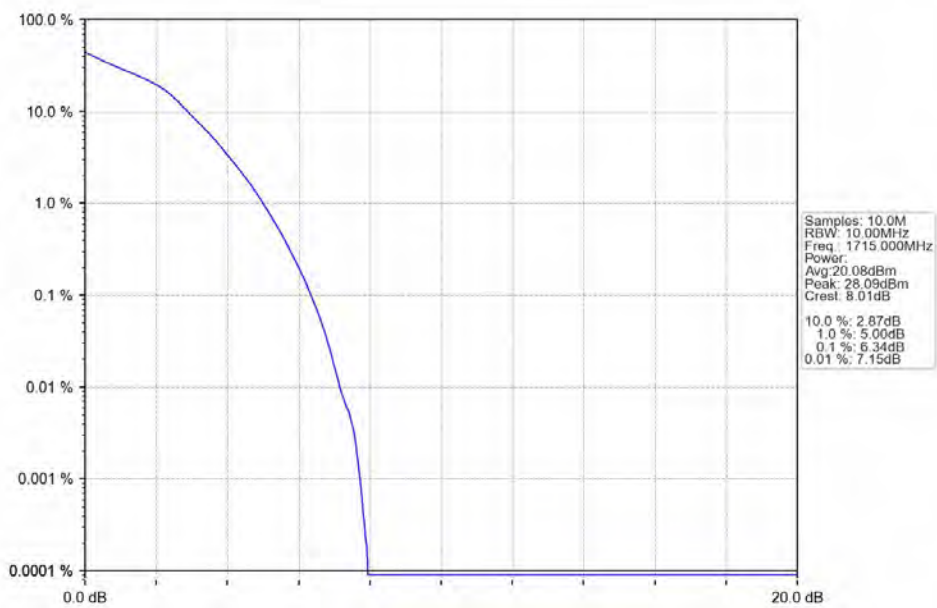


Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



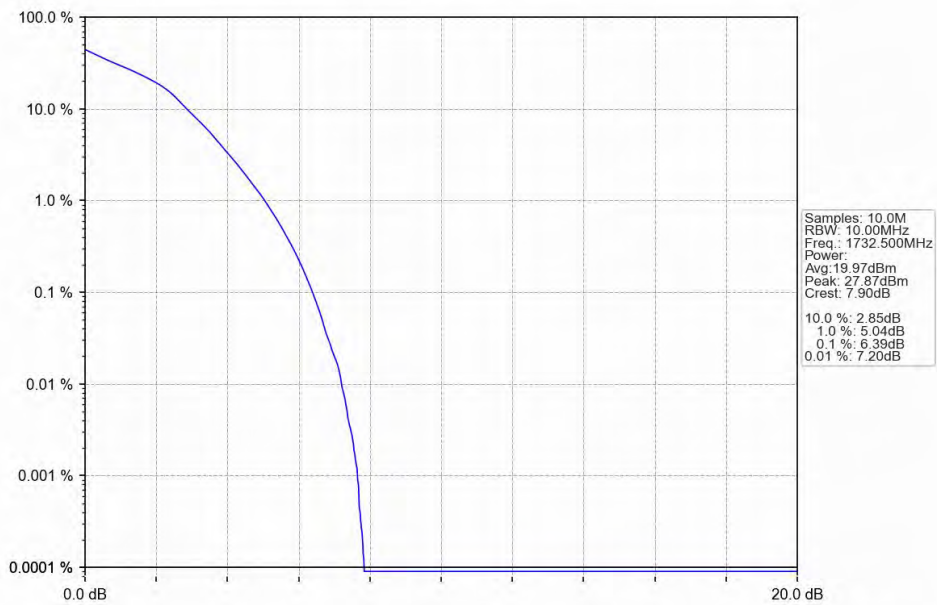
2024-08-07 11:42:00

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



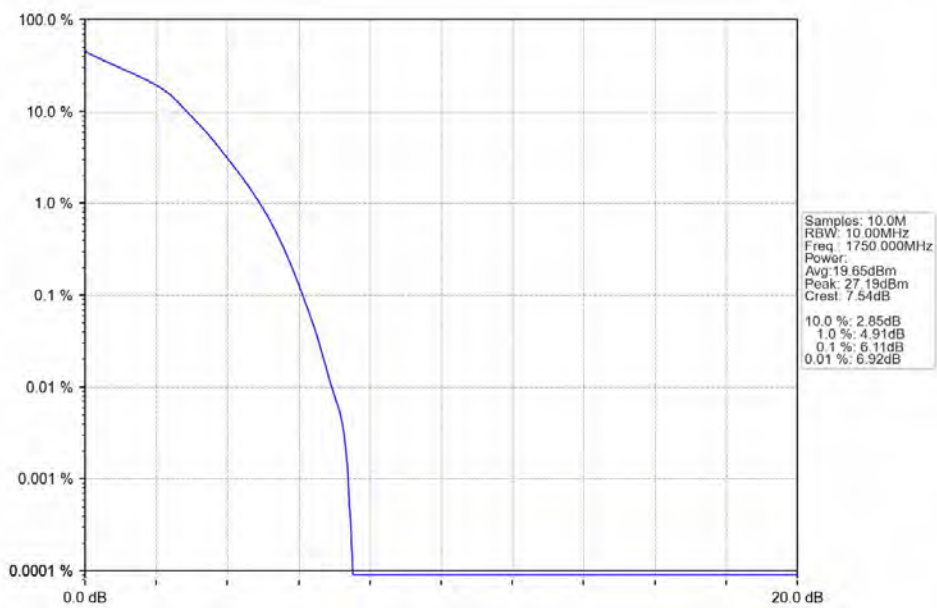
2024-08-07 11:41:10

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



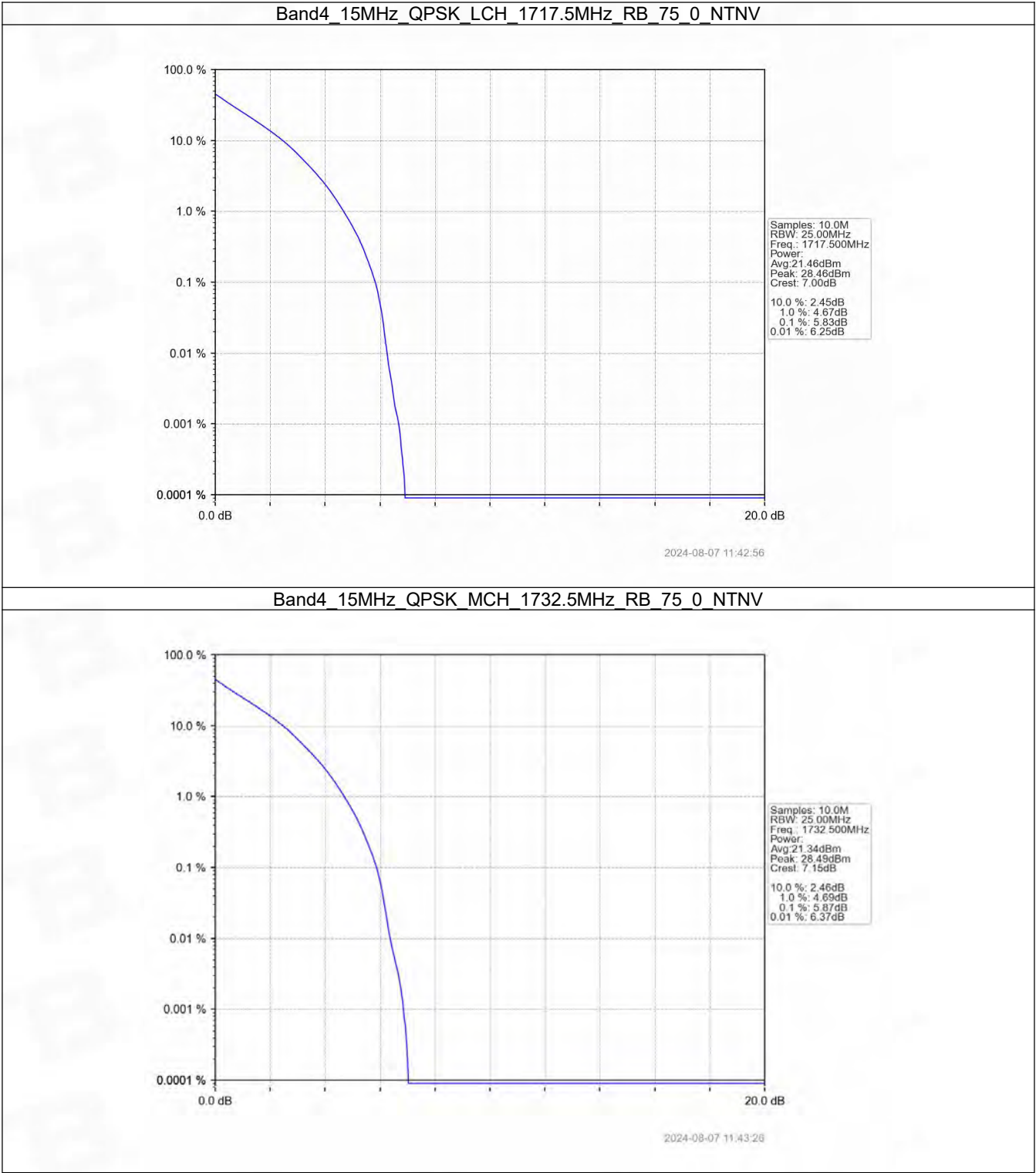
2024-08-07 11:41:42

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

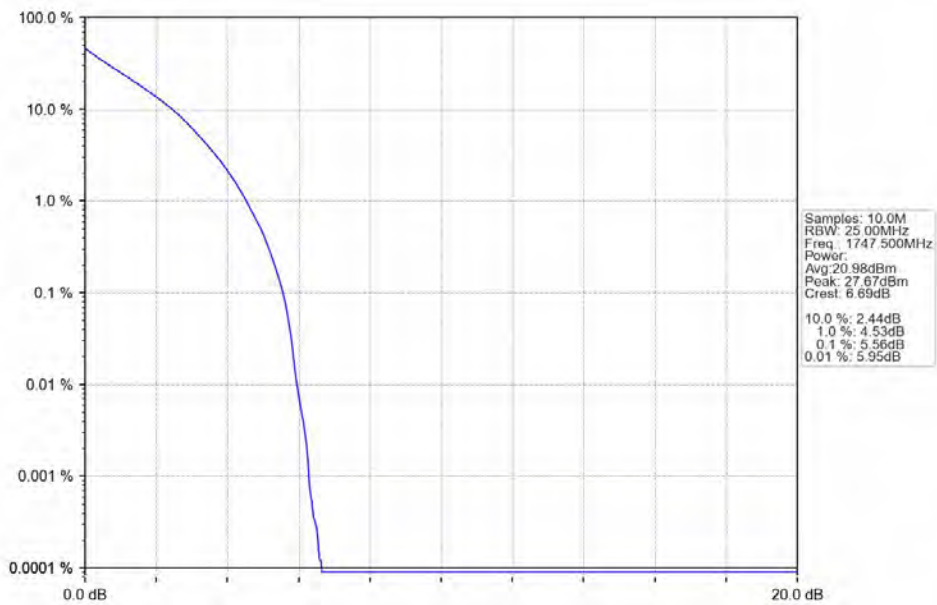


2024-08-07 11:42:15

5.2.5 B4_15MHz

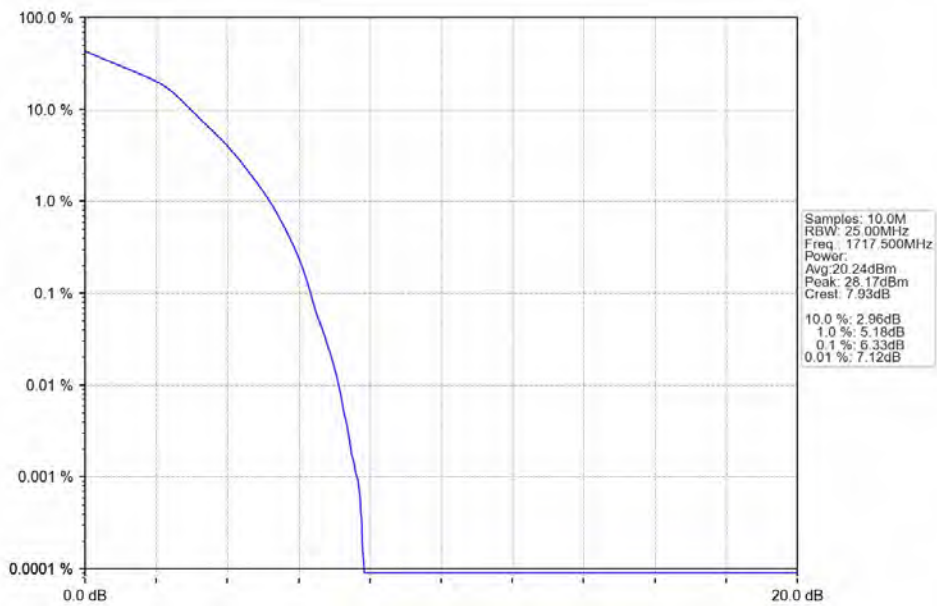


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



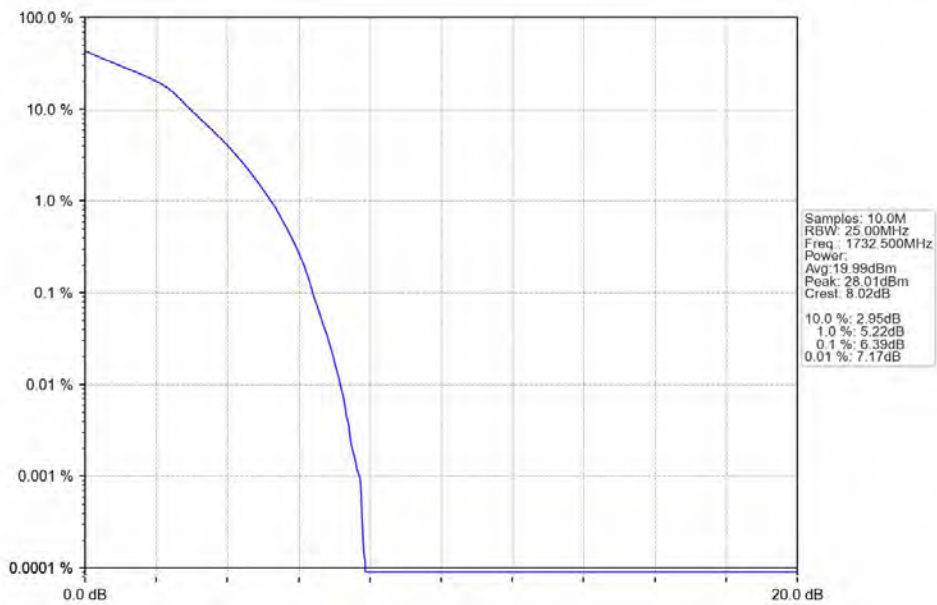
2024-08-07 11:43:55

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



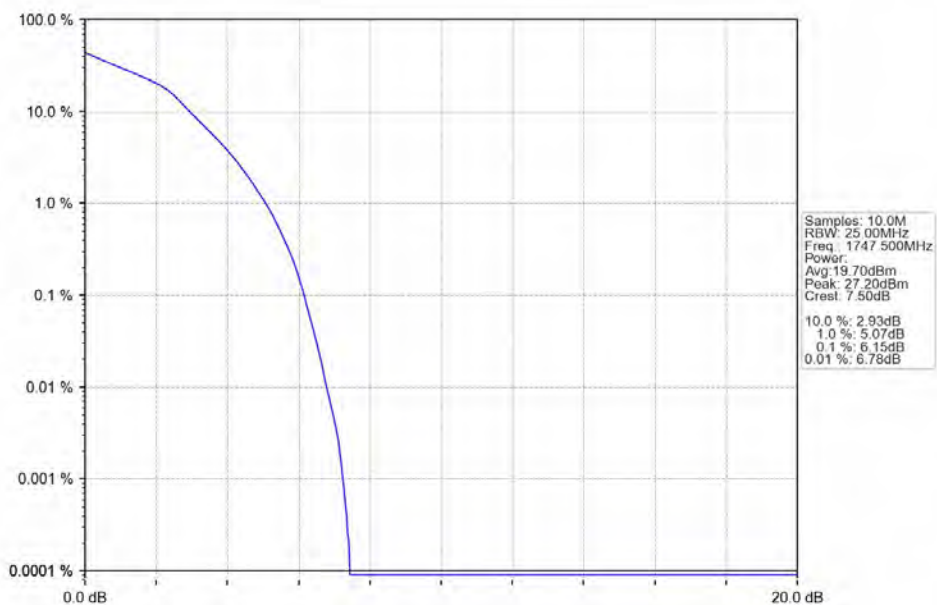
2024-08-07 11:43:10

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



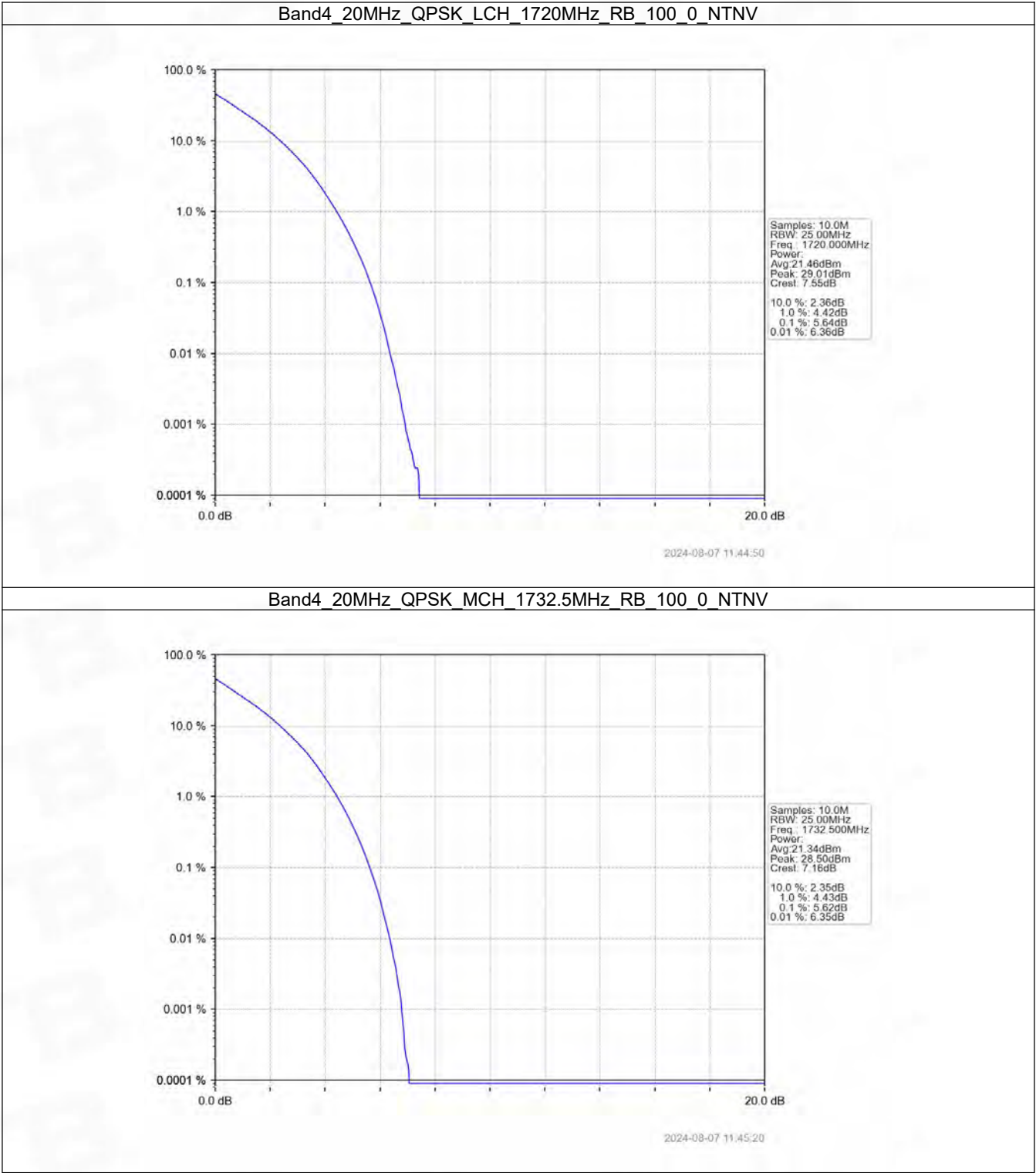
2024-08-07 11:43:39

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

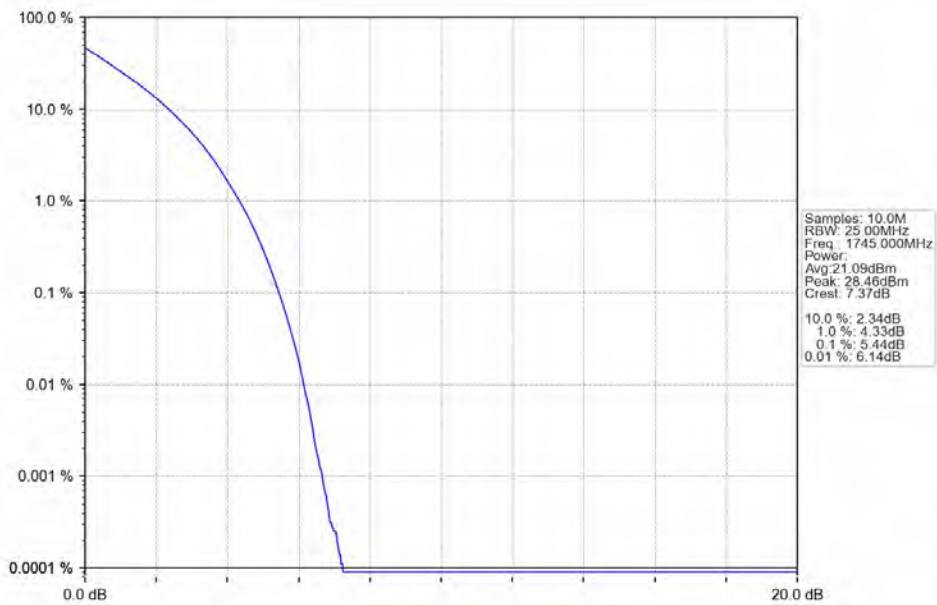


2024-08-07 11:44:09

5.2.6 B4_20MHz

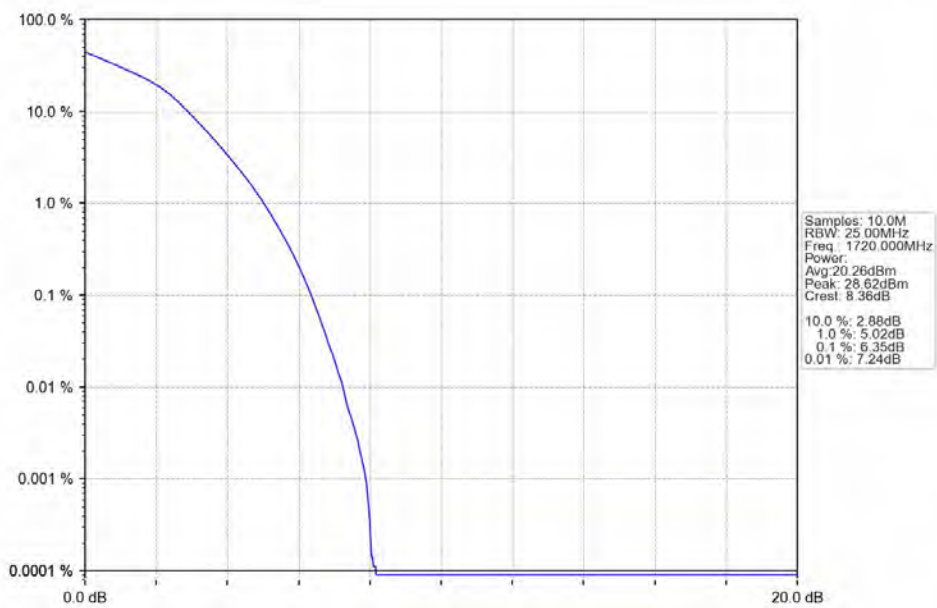


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



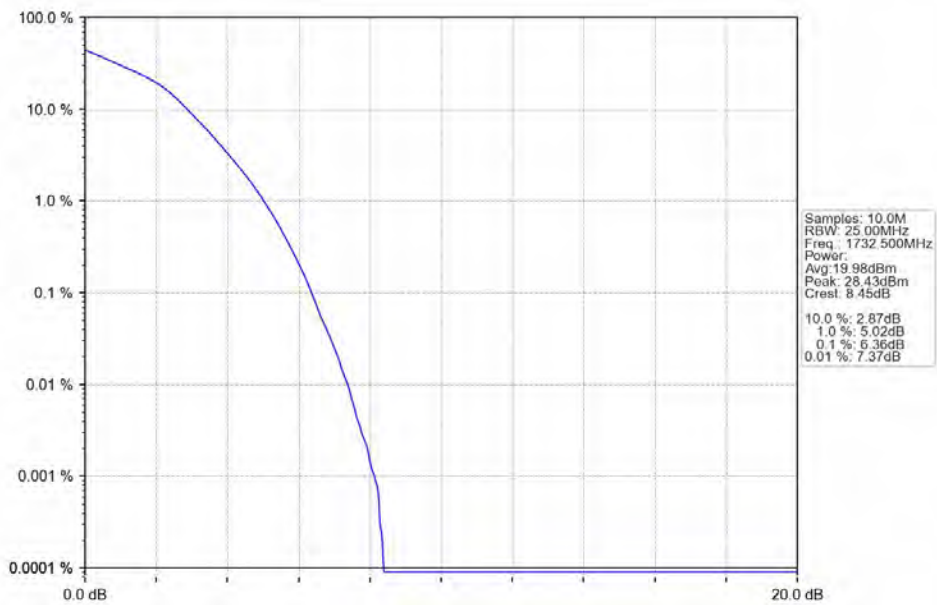
2024-08-07 11:45:50

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



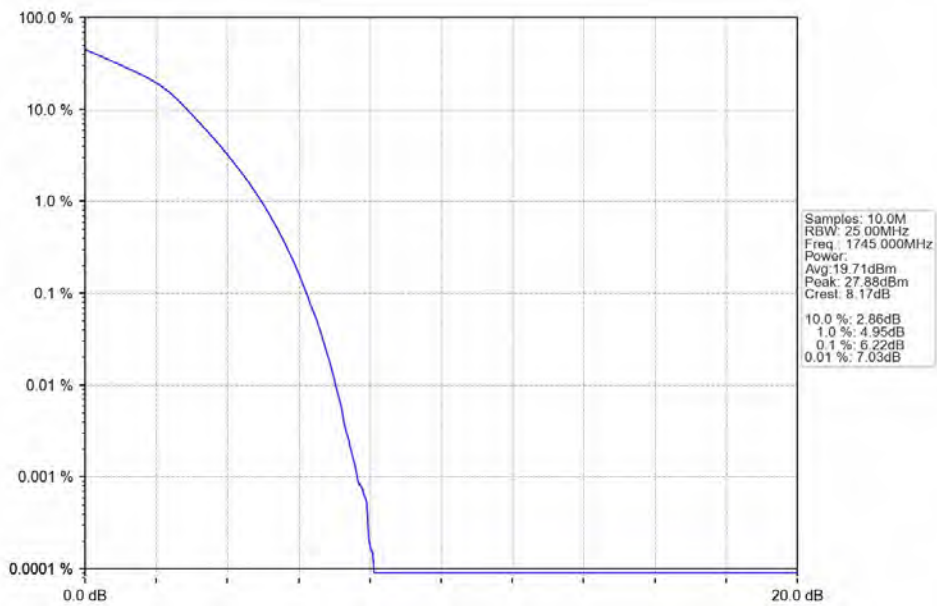
2024-08-07 11:45:04

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



2024-08-07 11:45:34

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



2024-08-07 11:46:03

6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1732.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

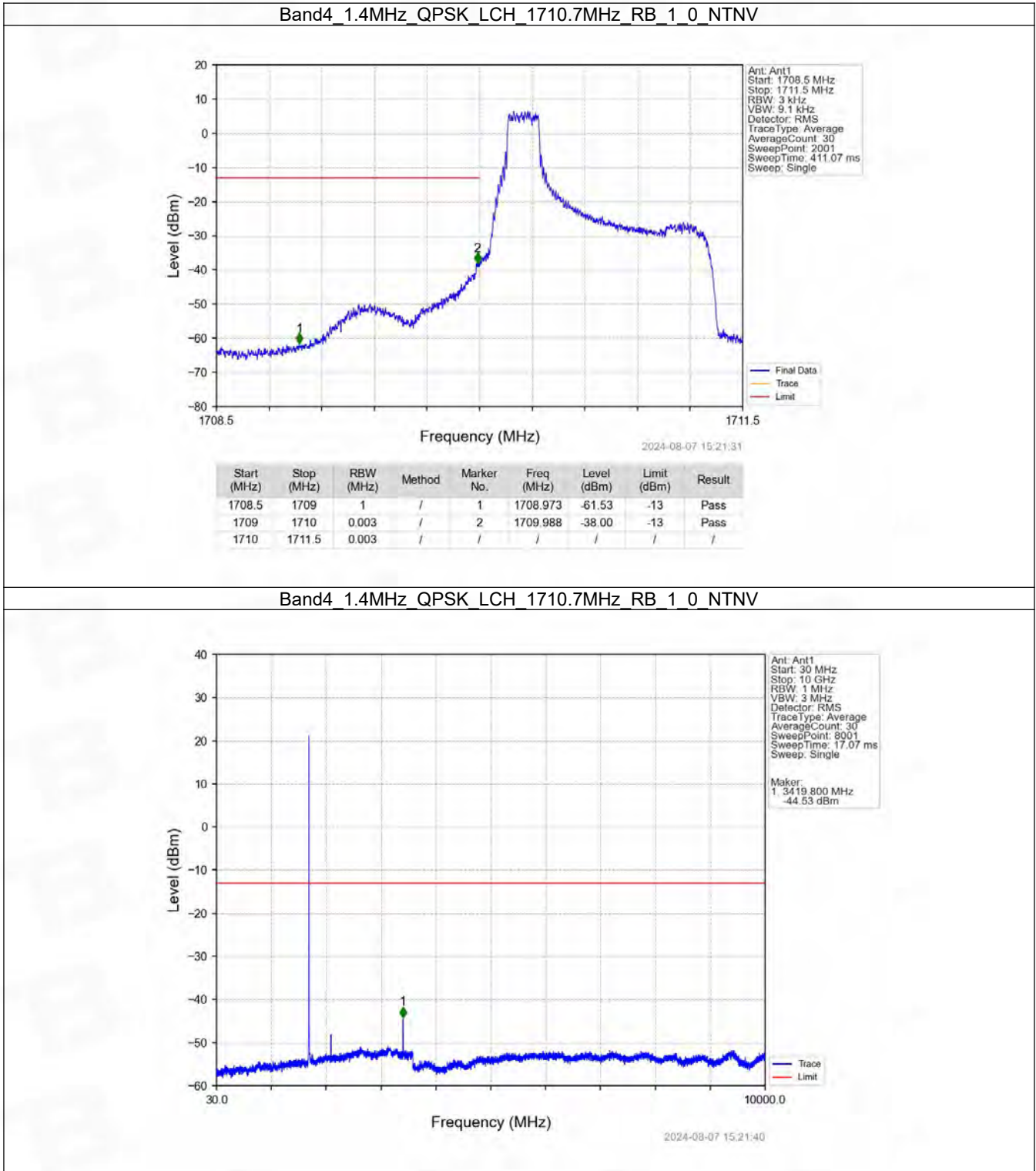
6.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

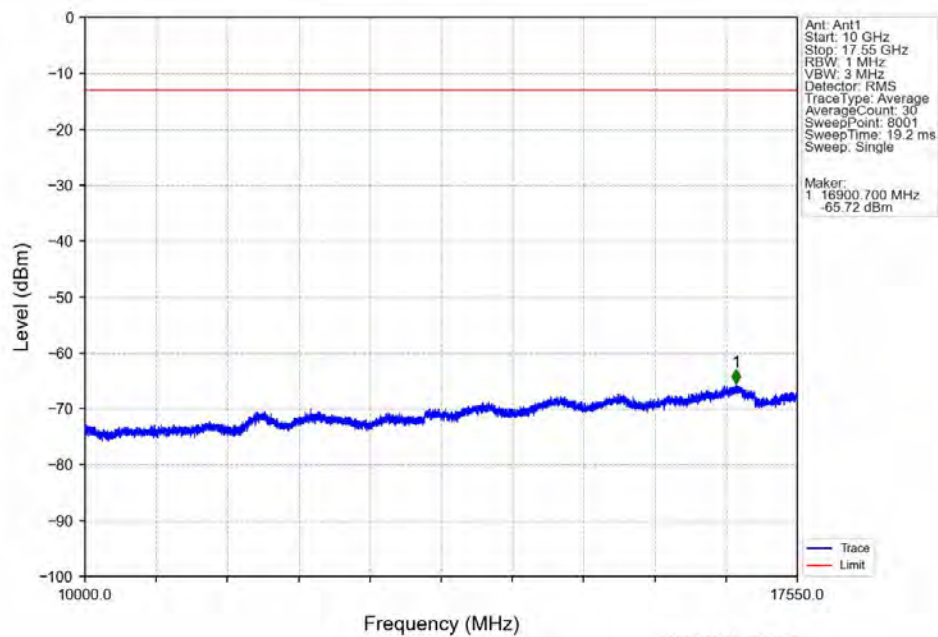
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

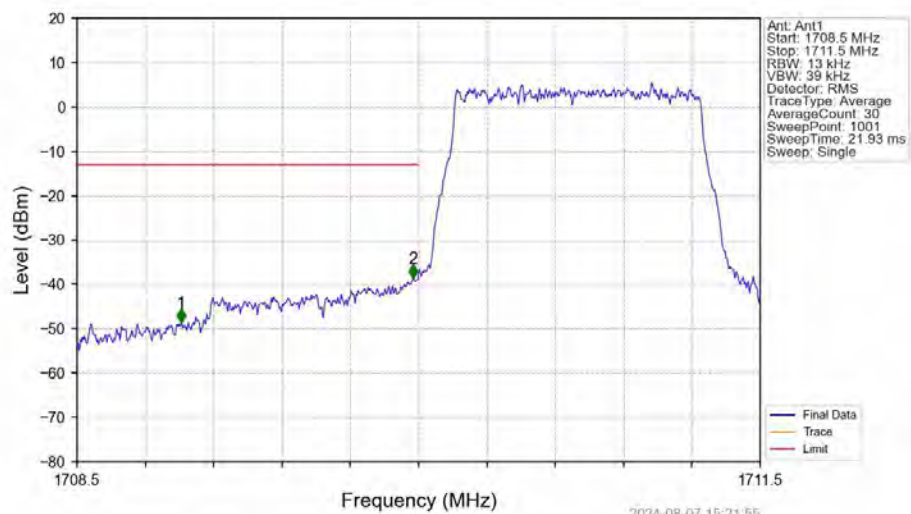
6.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

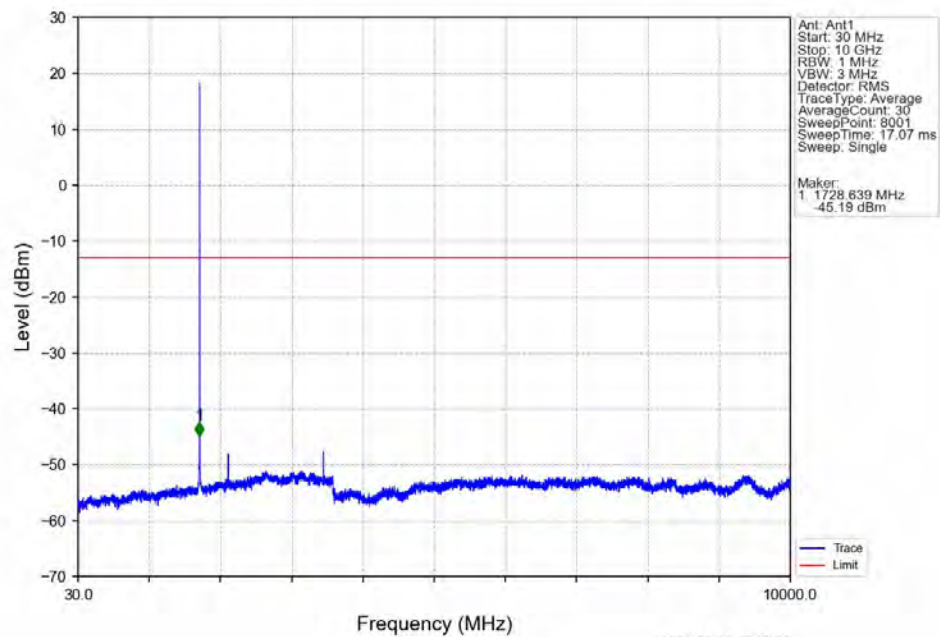


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

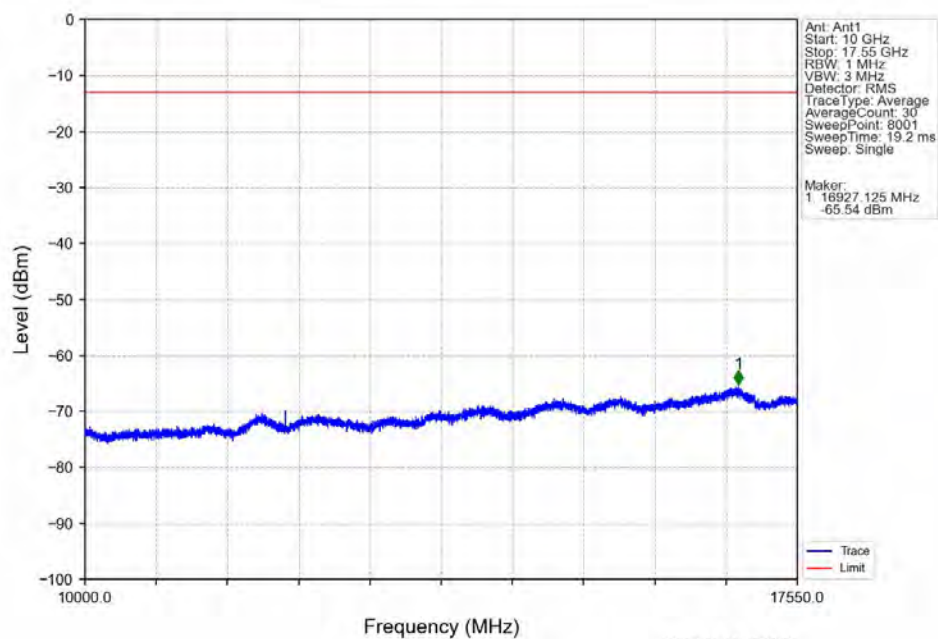


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.956	-48.58	-13	Pass
1709	1710	0.013	/	2	1709.976	-38.67	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

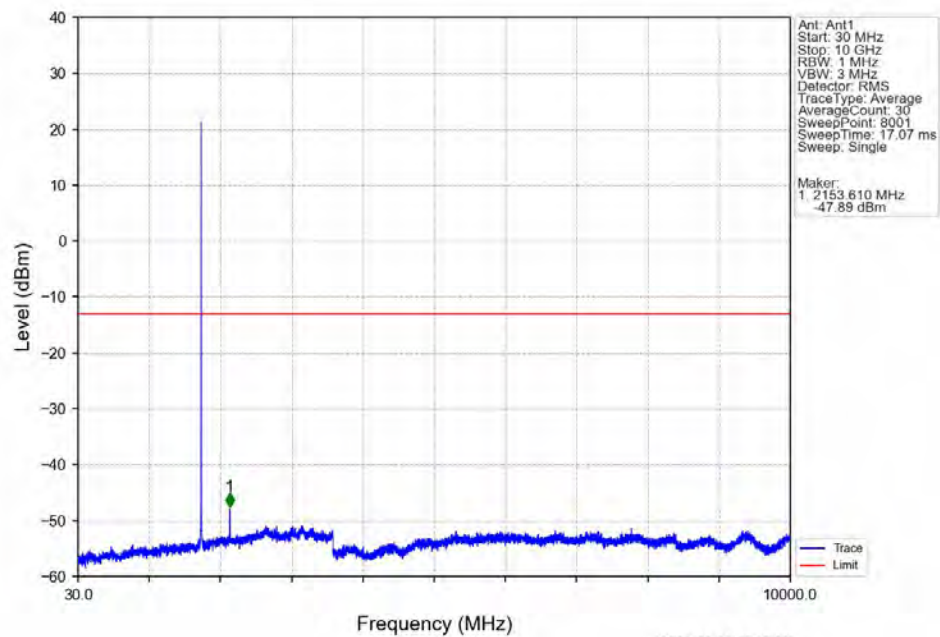
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



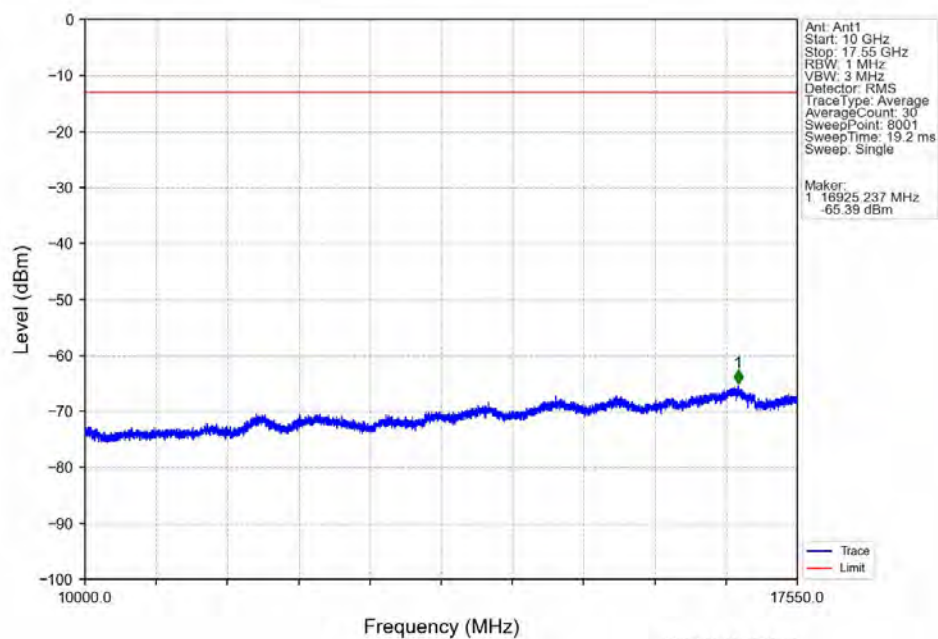
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



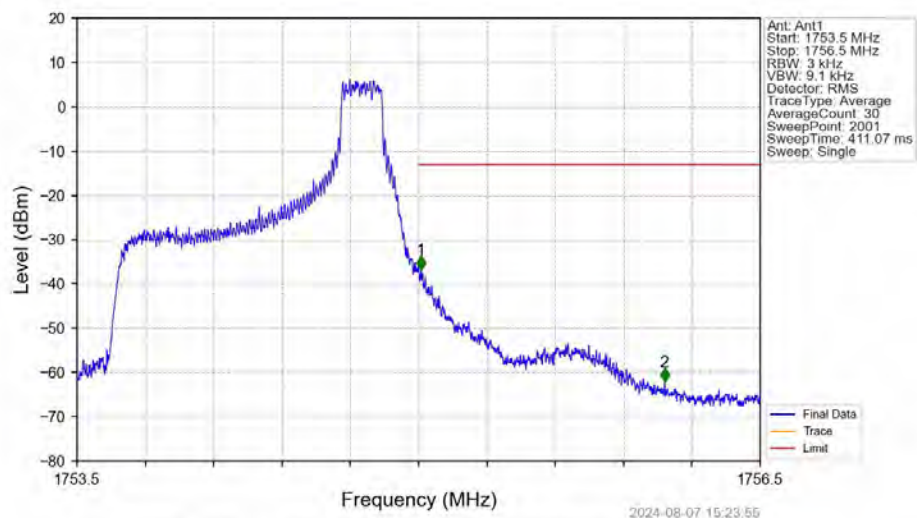
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

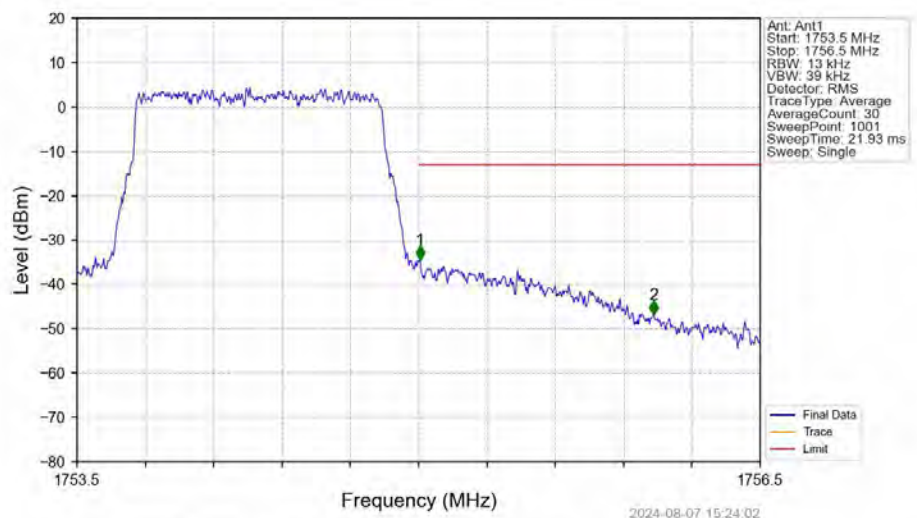


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



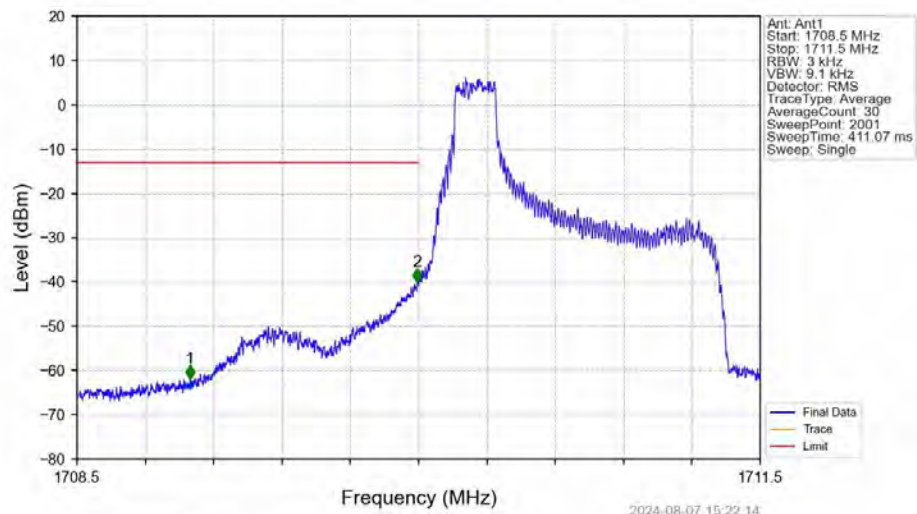
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-36.71	-13	Pass
1756	1756.5	1	/	2	1756.080	-62.08	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

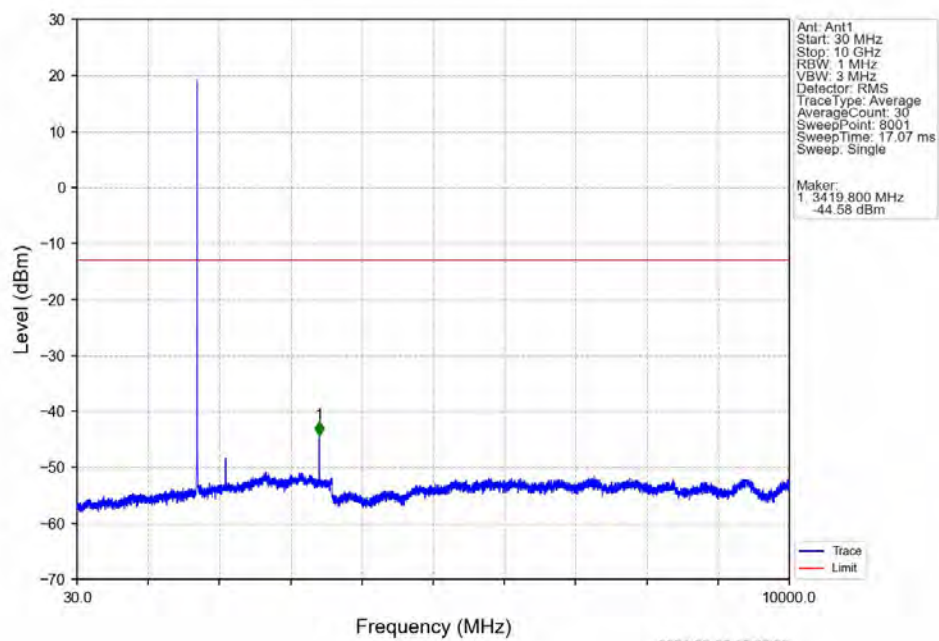


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.006	-34.45	-13	Pass
1756	1756.5	1	/	2	1756.032	-46.74	-13	Pass

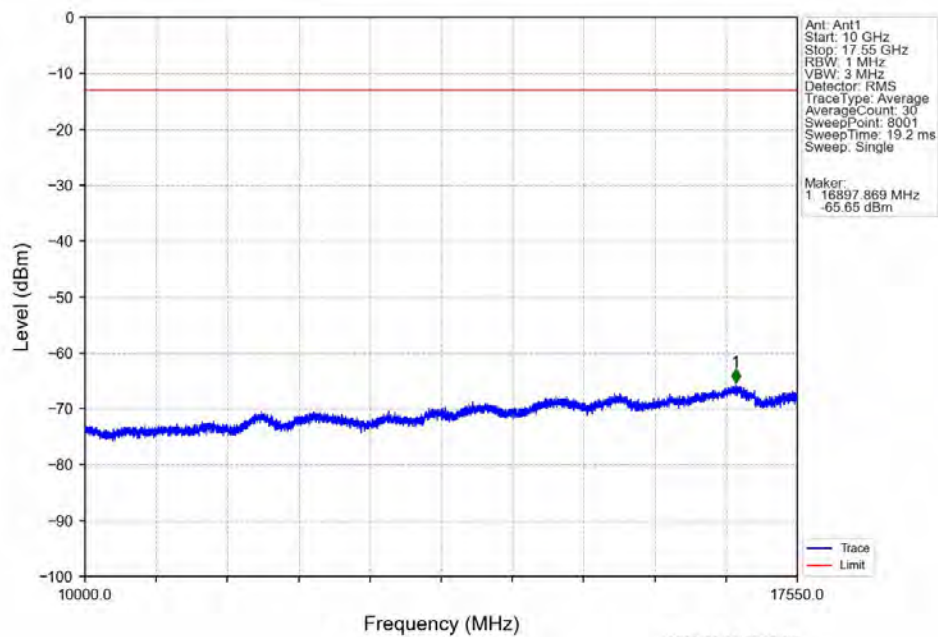
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



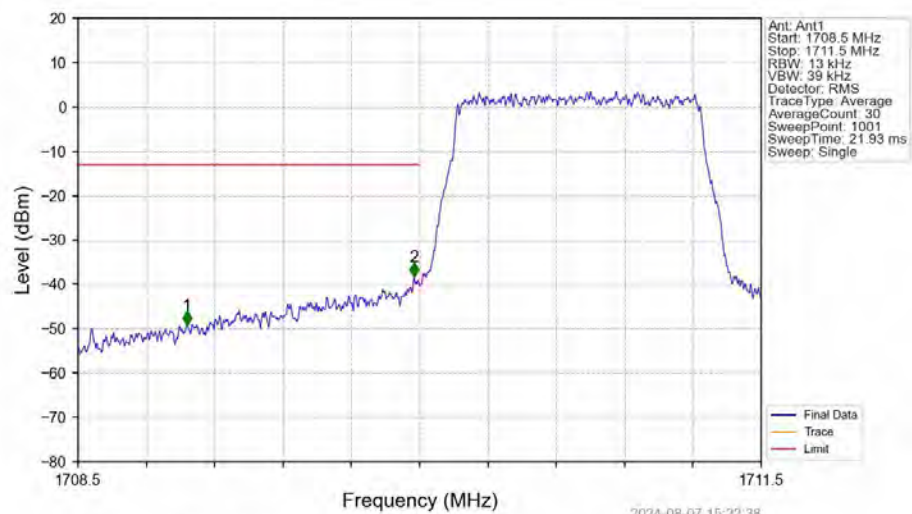
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



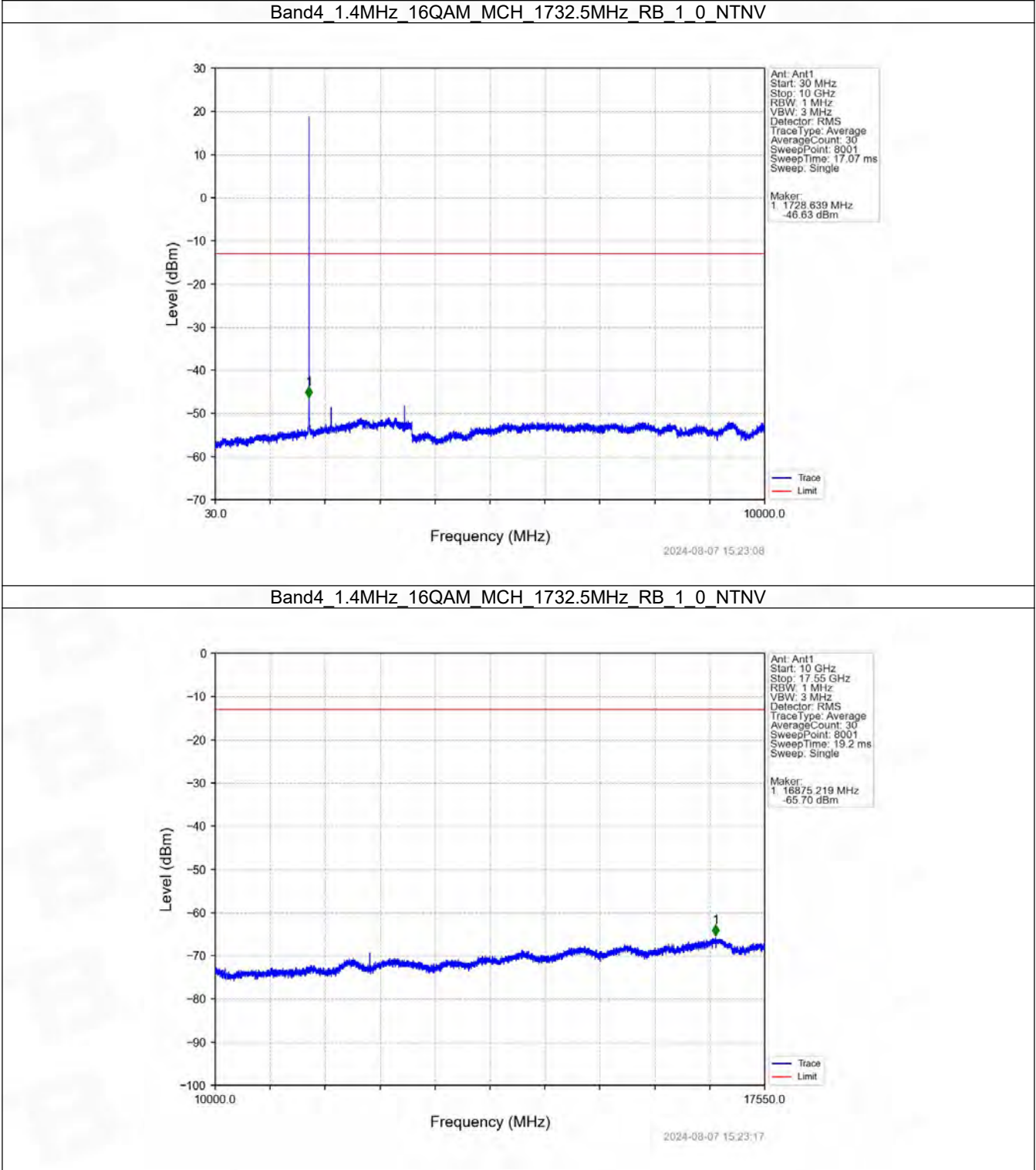
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



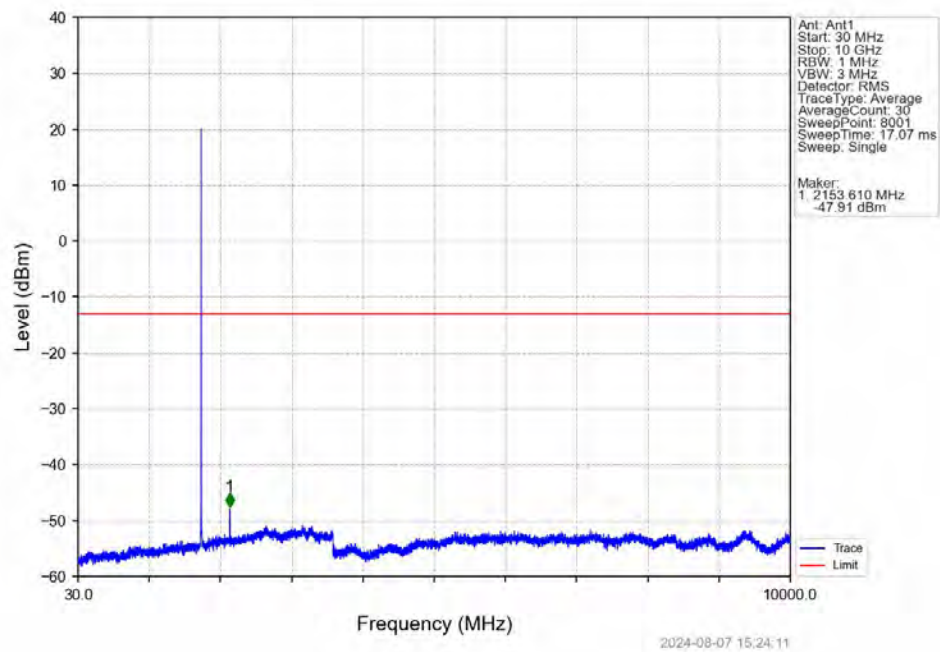
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



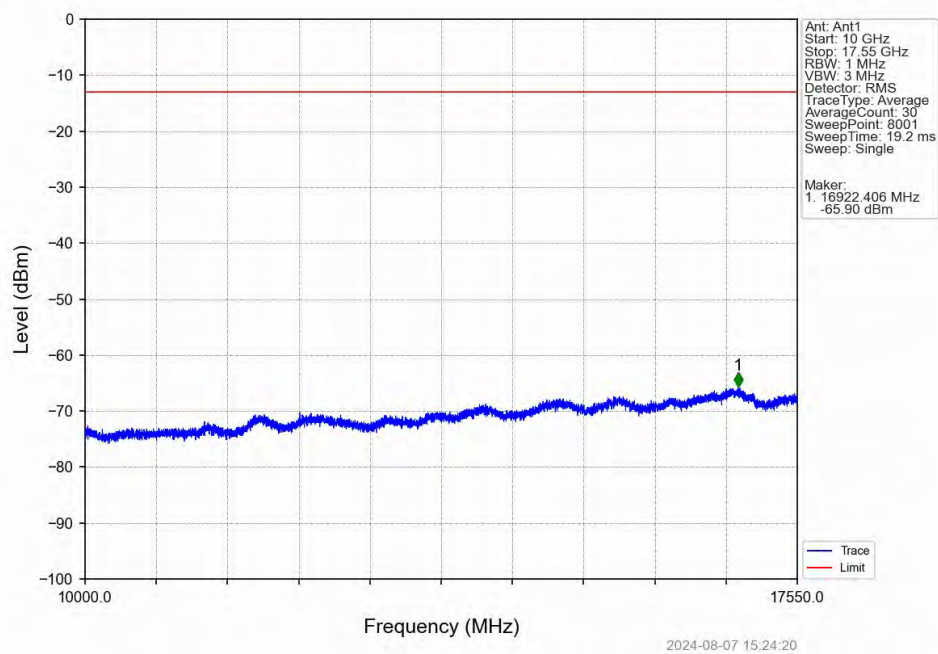
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.977	-49.12	-13	Pass
1709	1710	0.013	/	2	1709.976	-38.28	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



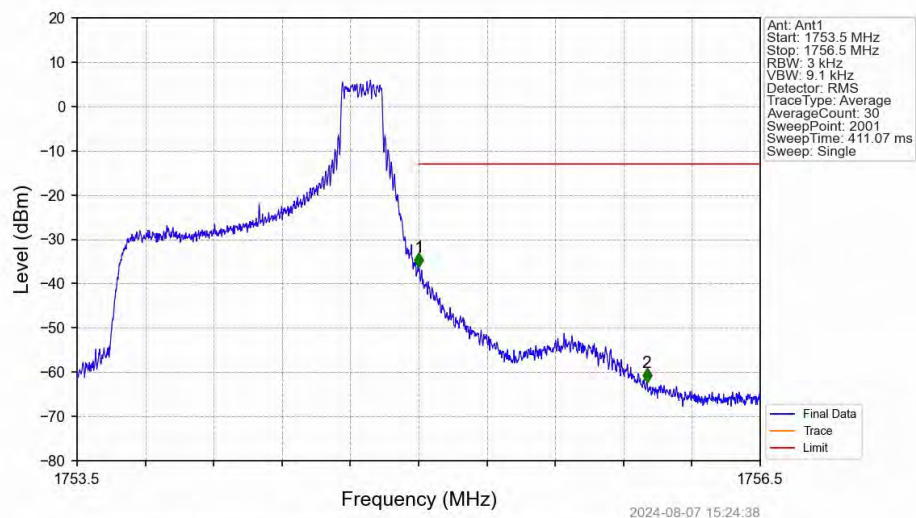
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



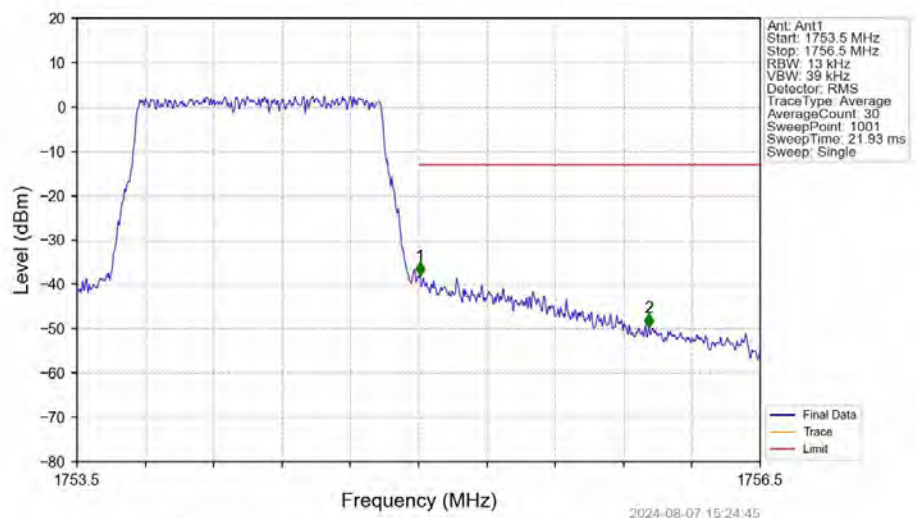
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



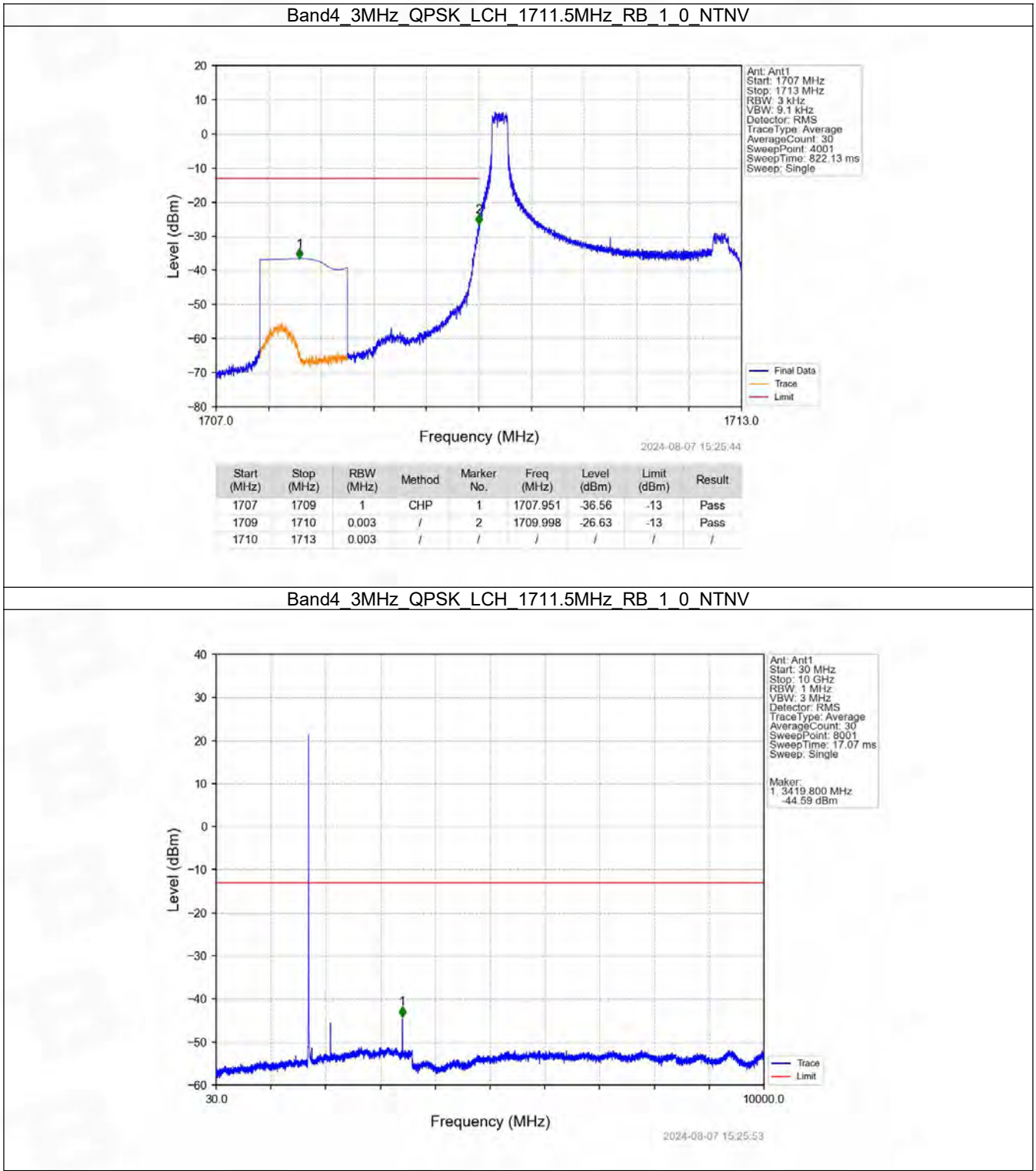
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



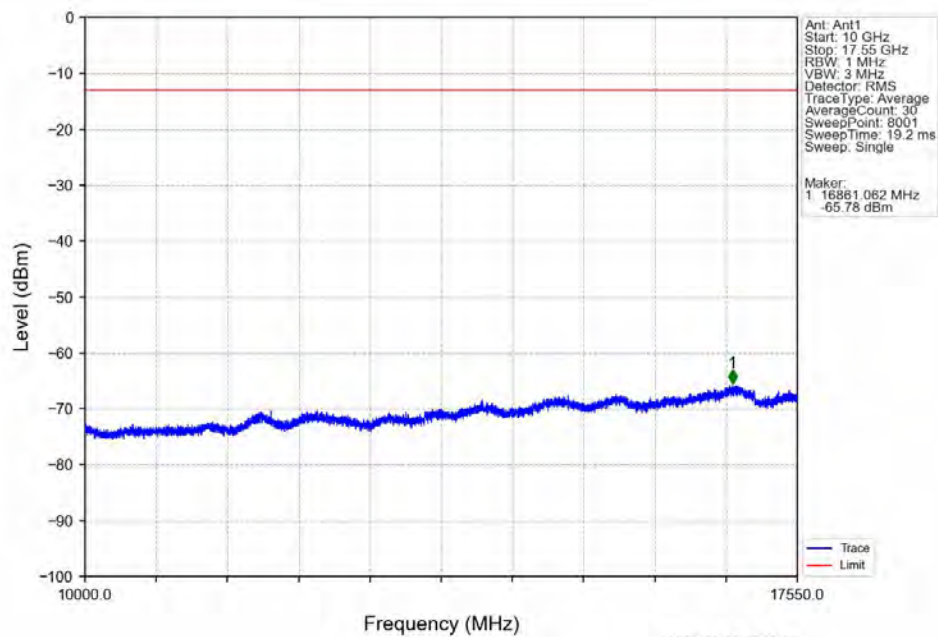
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



6.2.2 B4_3MHz

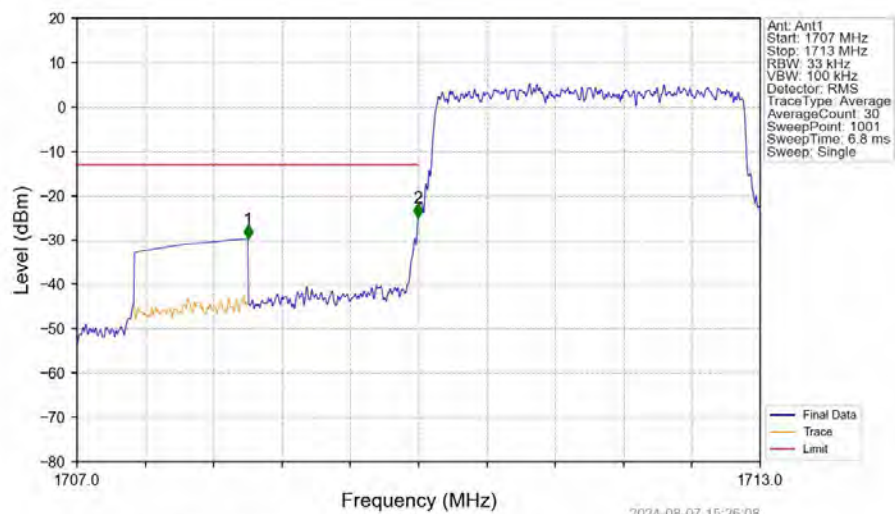


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



2024-08-07 15:26:02

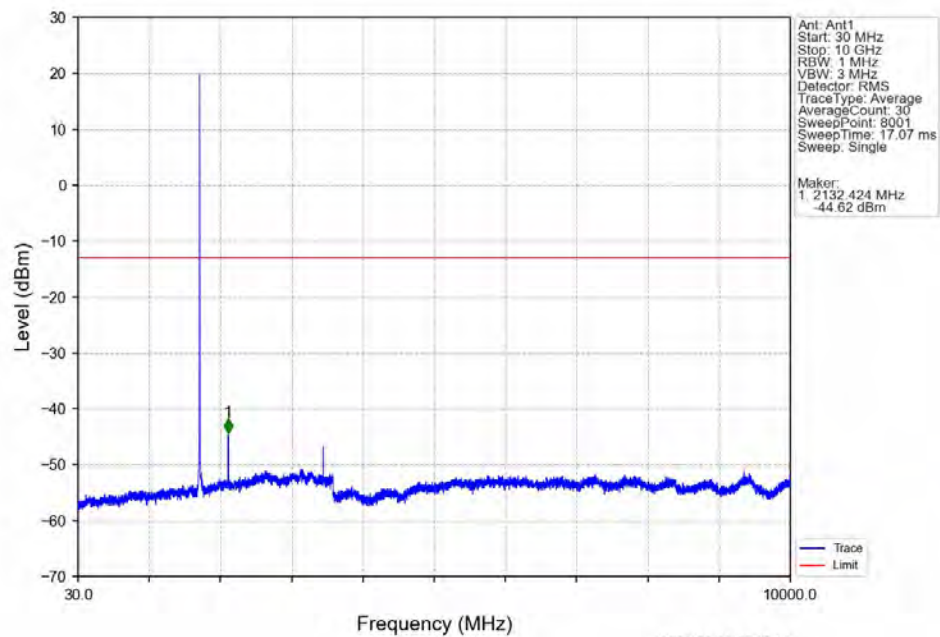
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



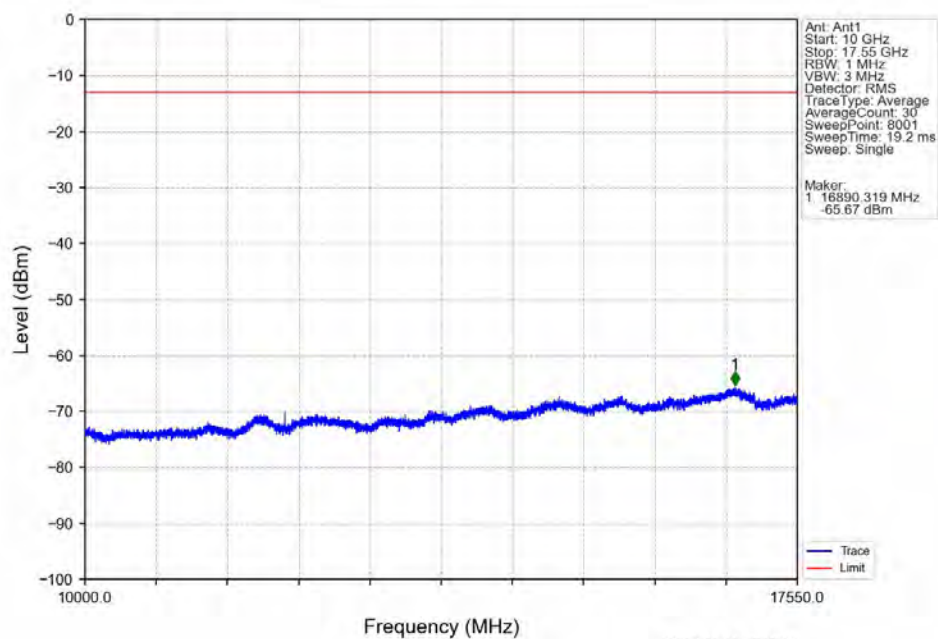
2024-08-07 15:26:08

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.73	-13	Pass
1709	1710	0.033	/	2	1709.994	-24.94	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

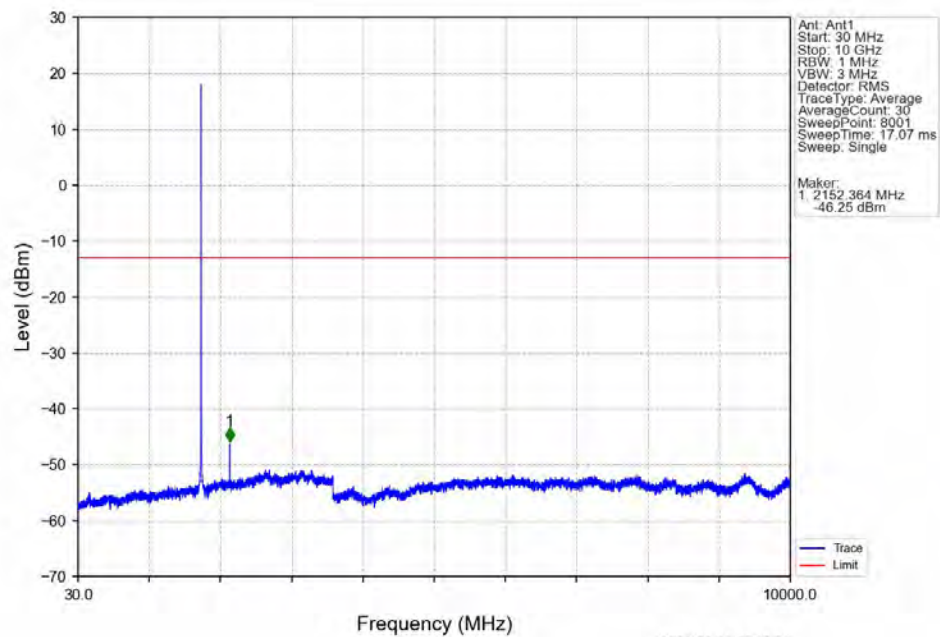
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



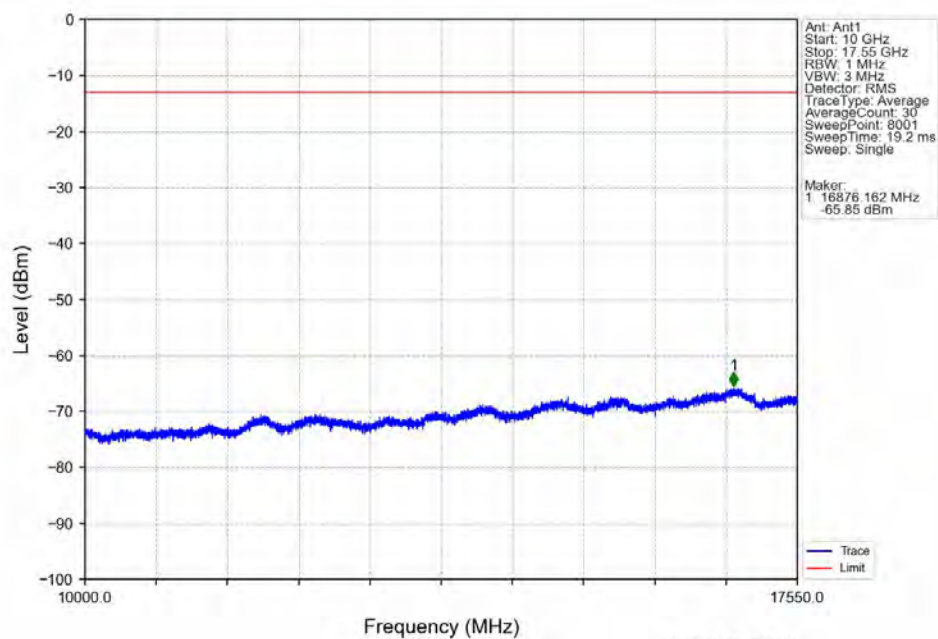
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



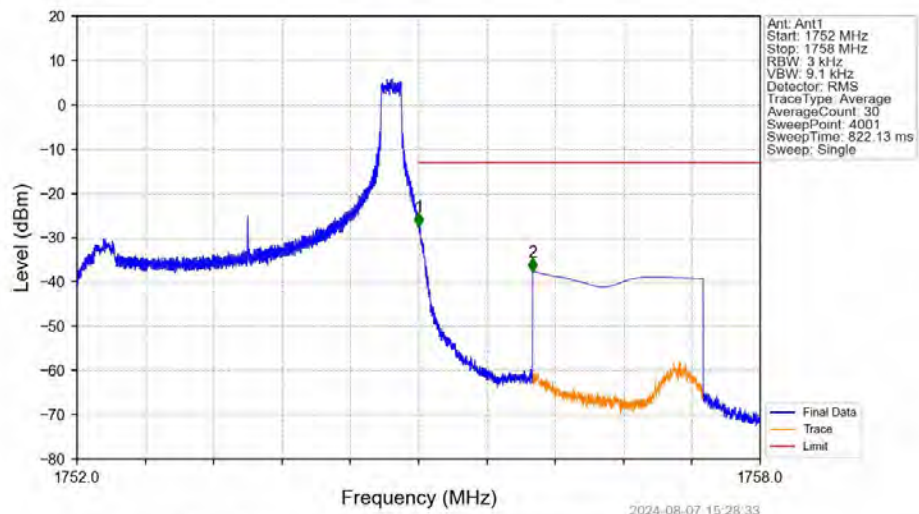
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



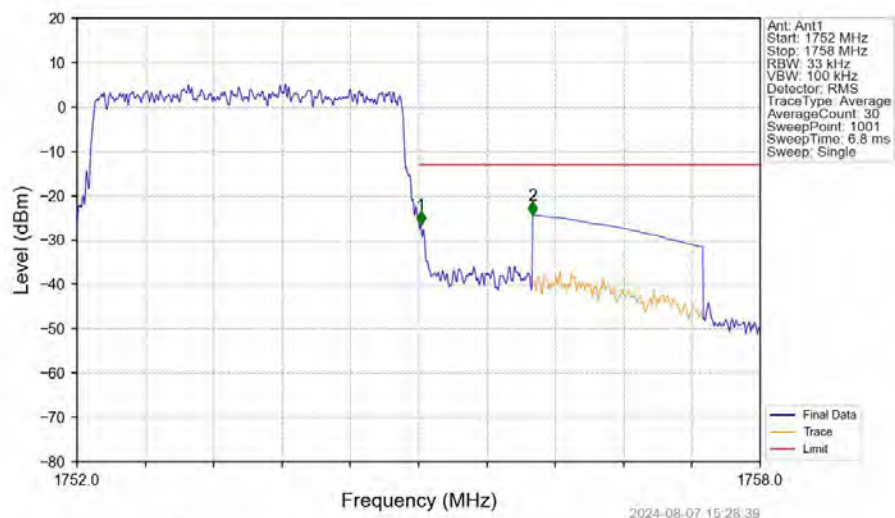
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



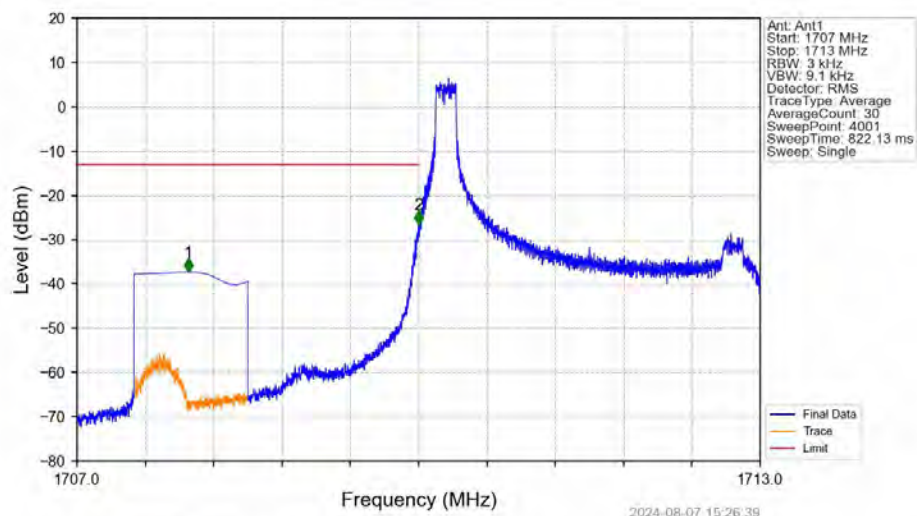
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

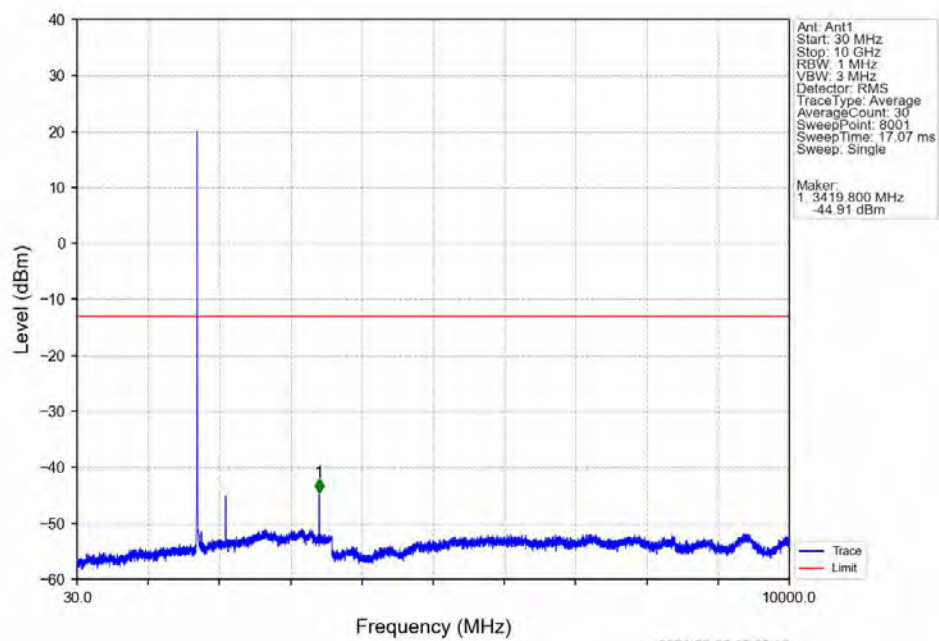


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

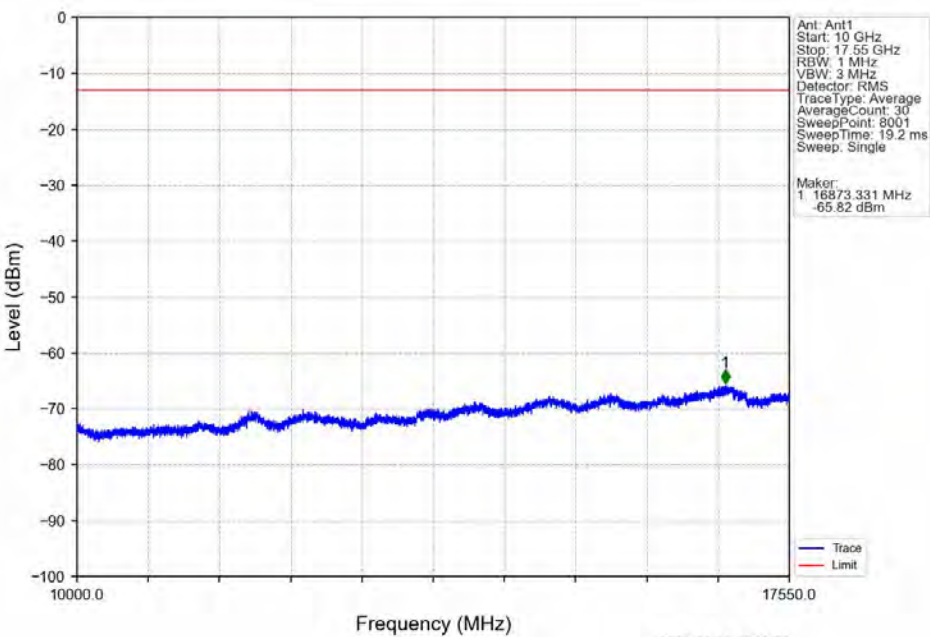


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.976	-37.38	-13	Pass
1709	1710	0.003	/	2	1709.998	-26.54	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

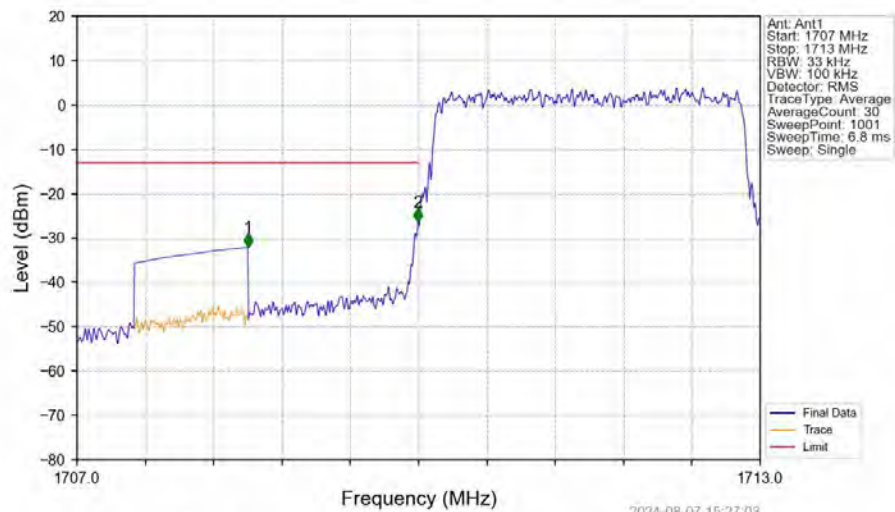
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

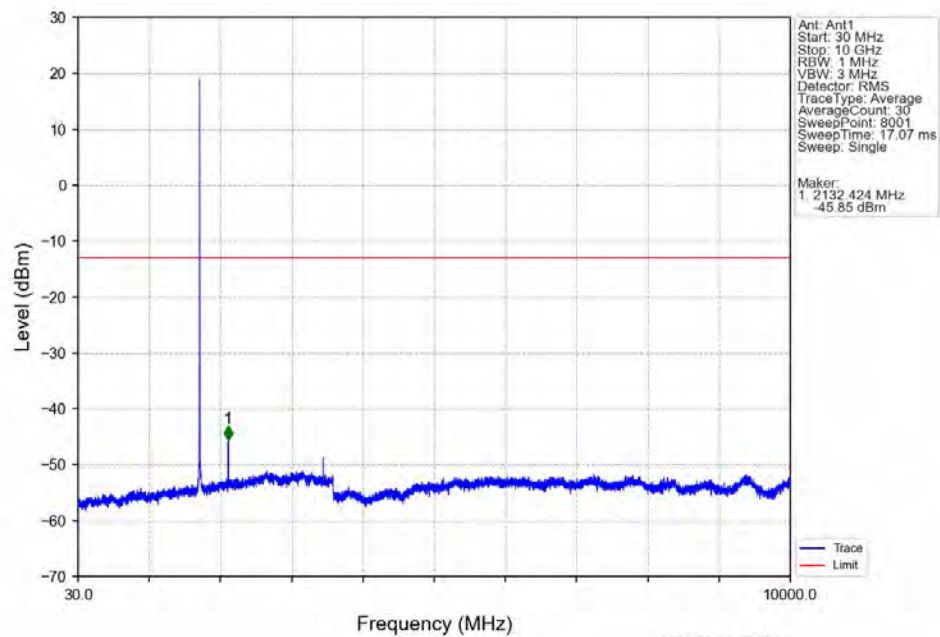


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

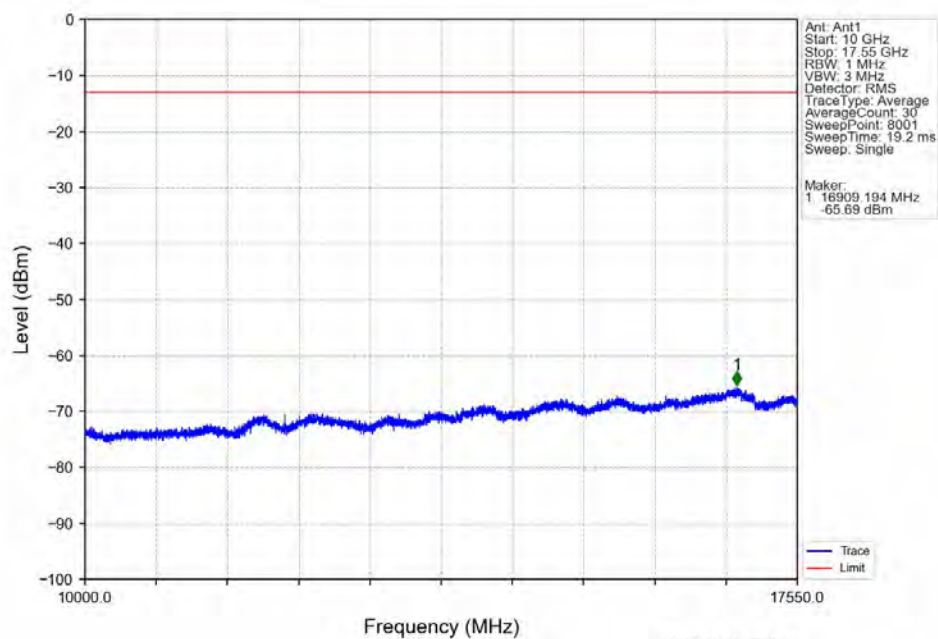


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.11	-13	Pass
1709	1710	0.033	/	2	1709.994	-26.43	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

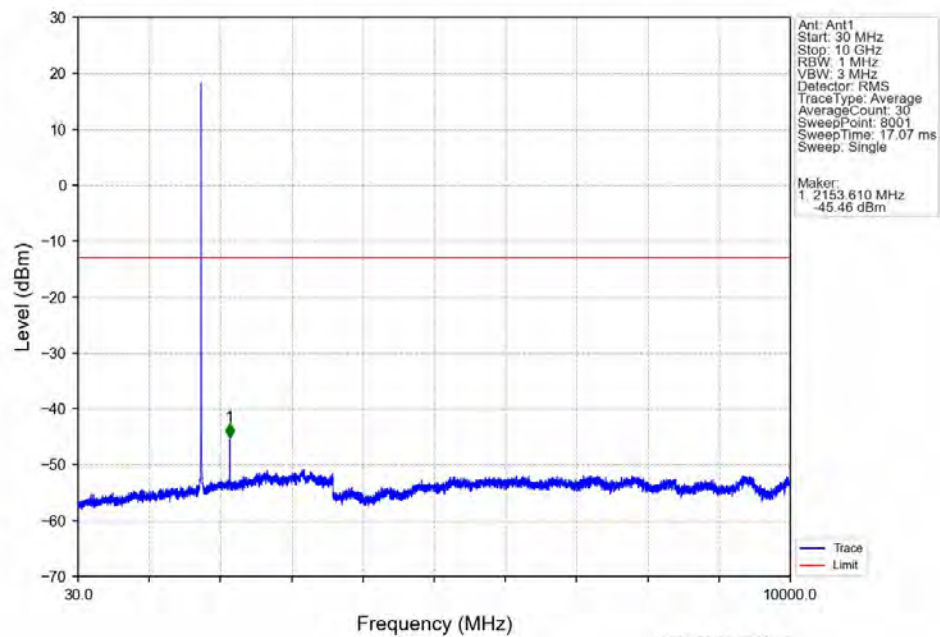
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



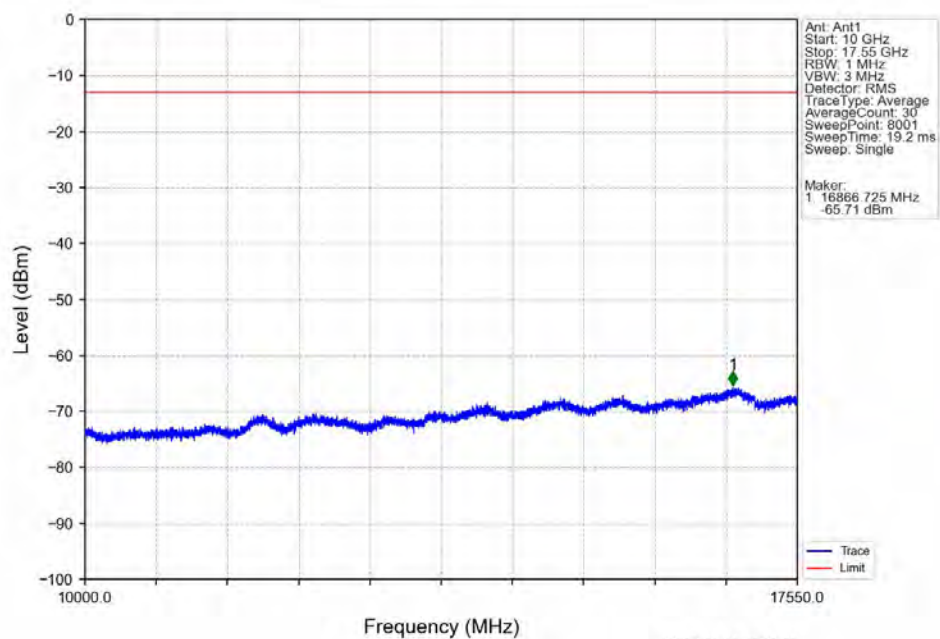
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



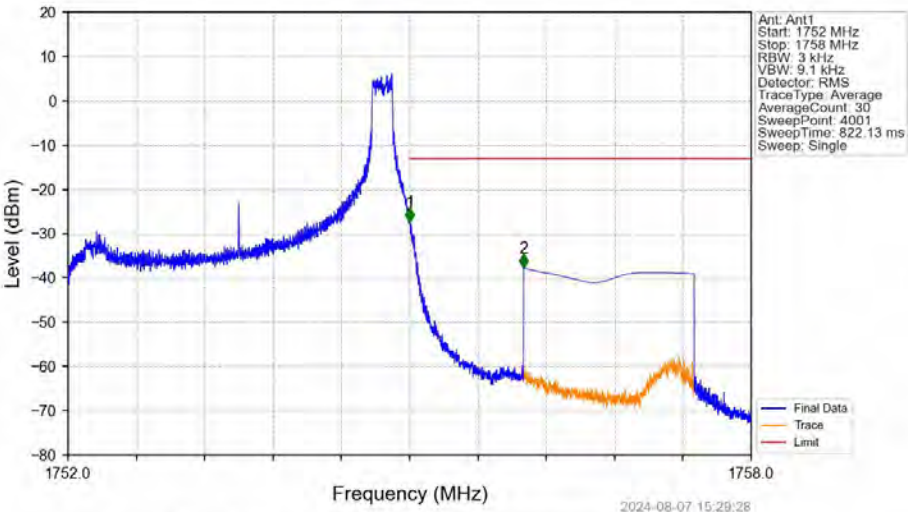
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

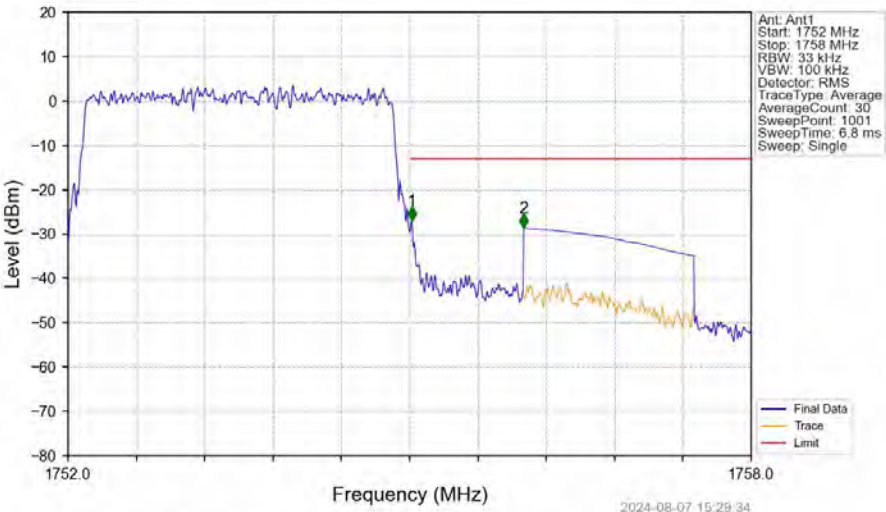


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



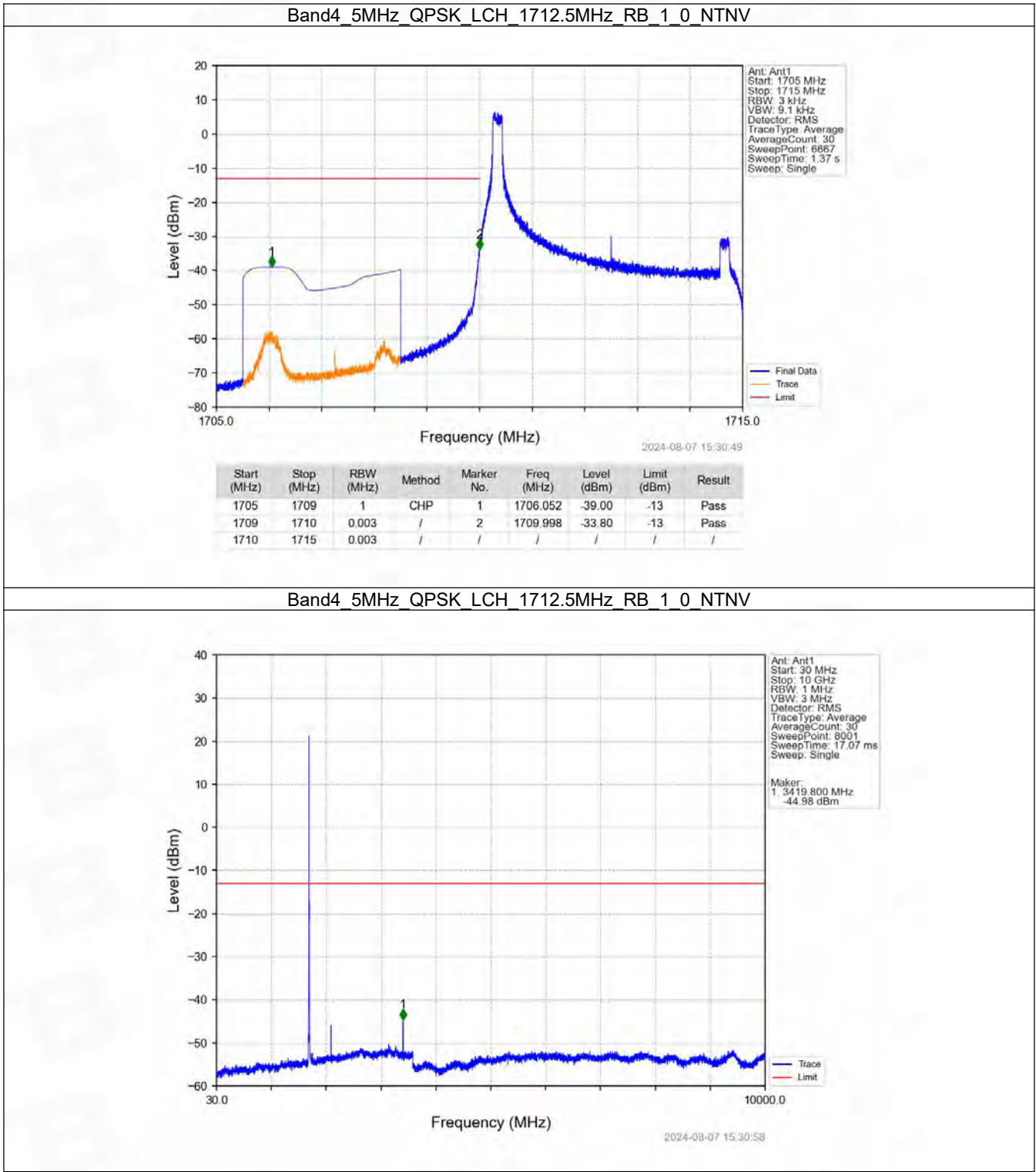
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-27.26	-13	Pass
1756	1758	1	CHP	2	1756.001	-37.77	-13	Pass

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

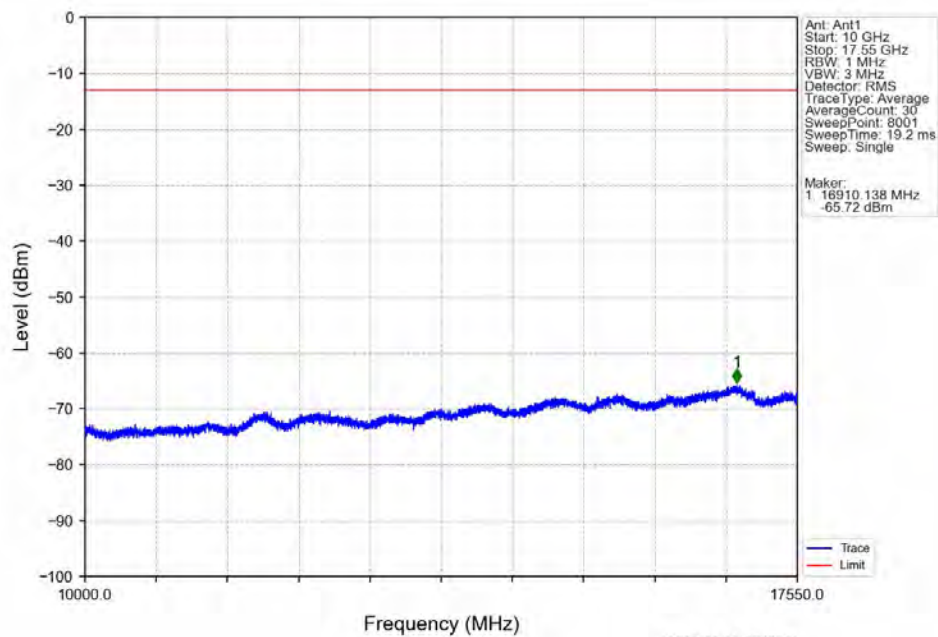


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.018	-26.95	-13	Pass
1756	1758	1	CHP	2	1756.002	-28.60	-13	Pass

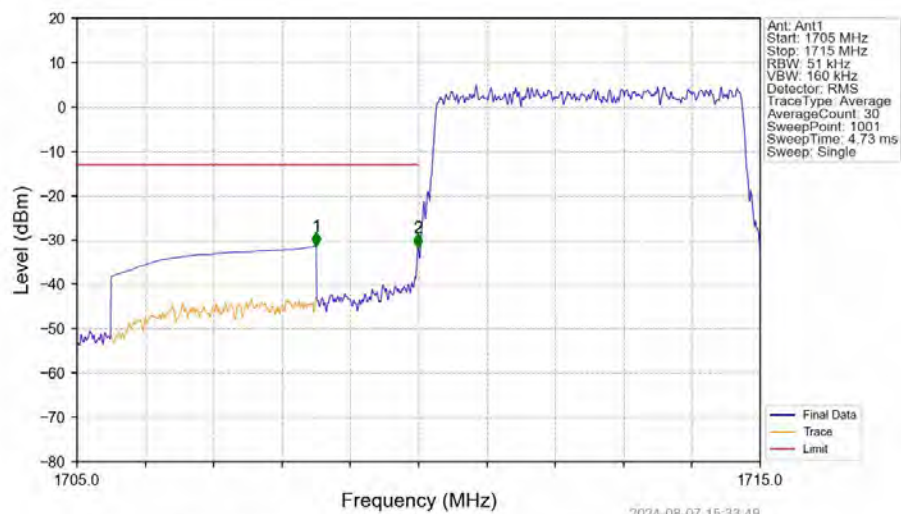
6.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

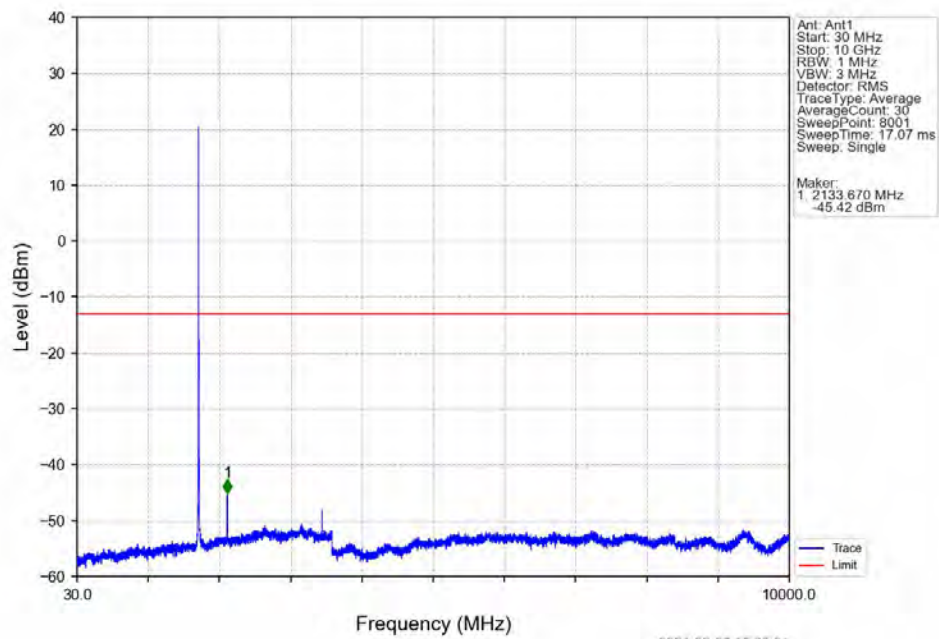


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

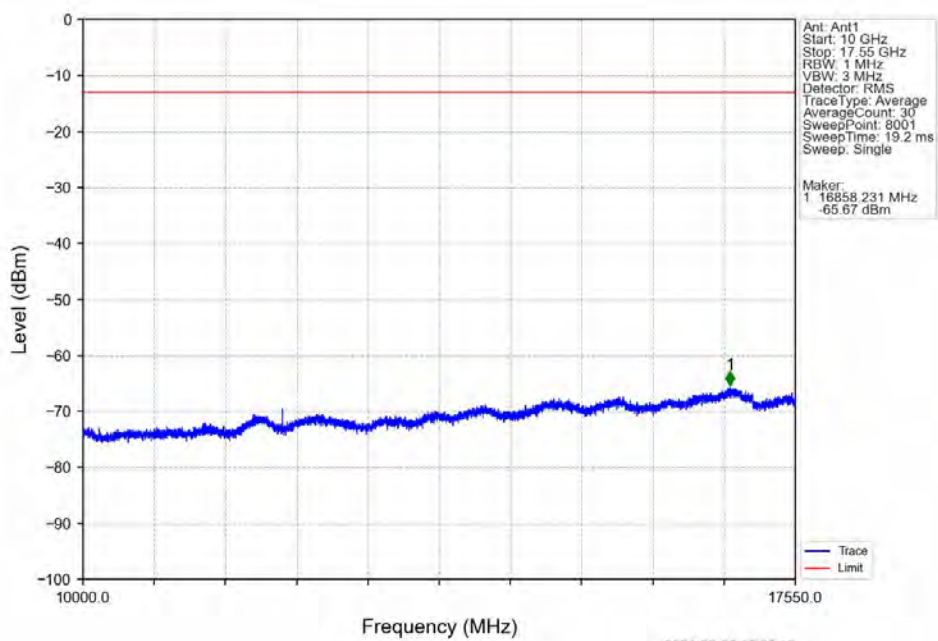


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-31.37	-13	Pass
1709	1710	0.051	/	2	1709.990	-31.71	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

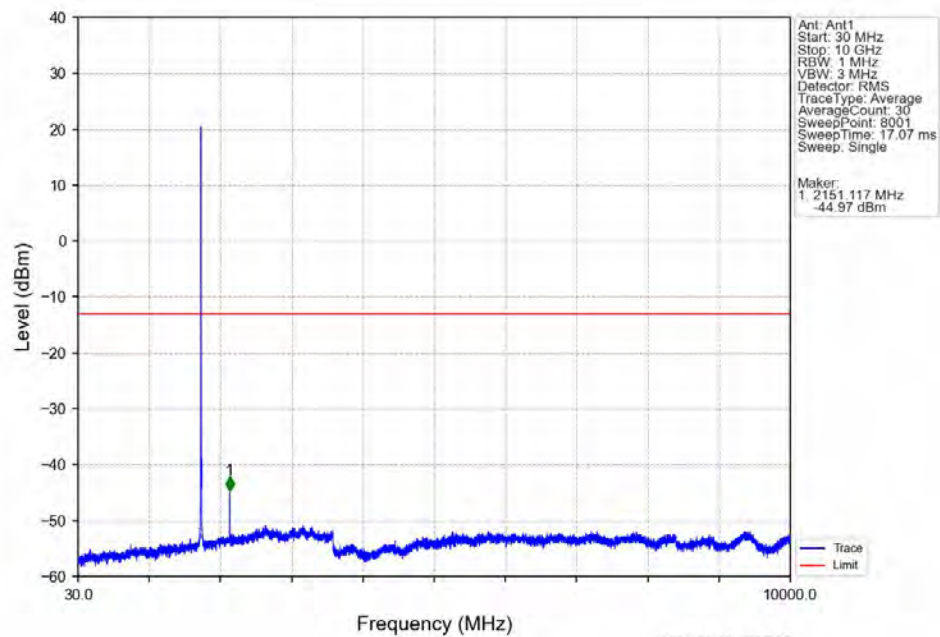
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



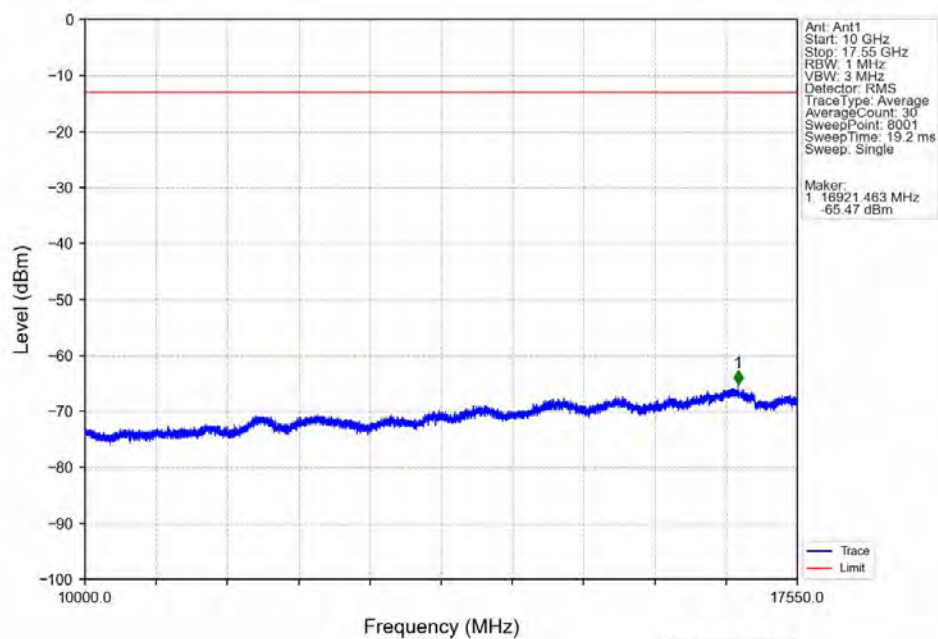
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



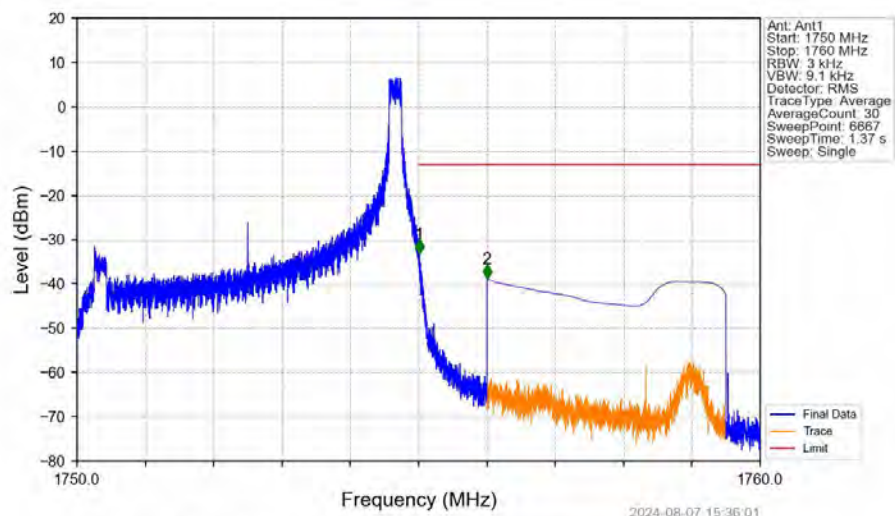
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



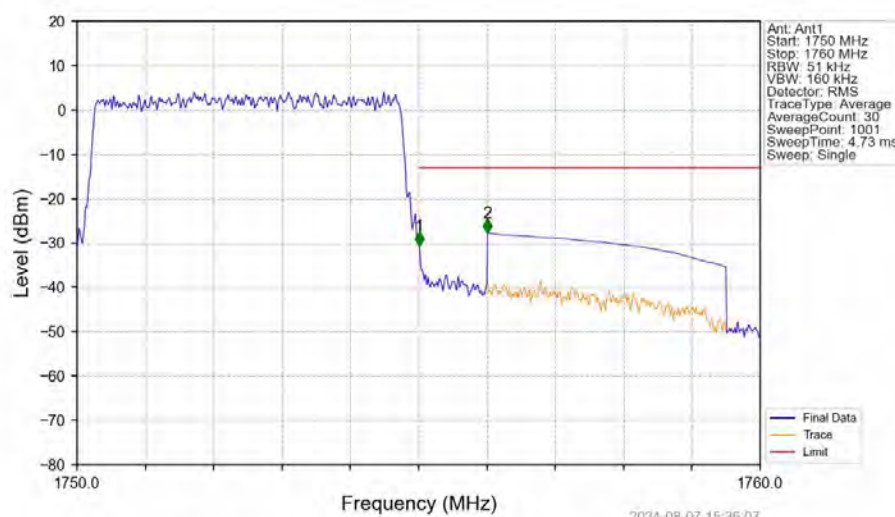
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



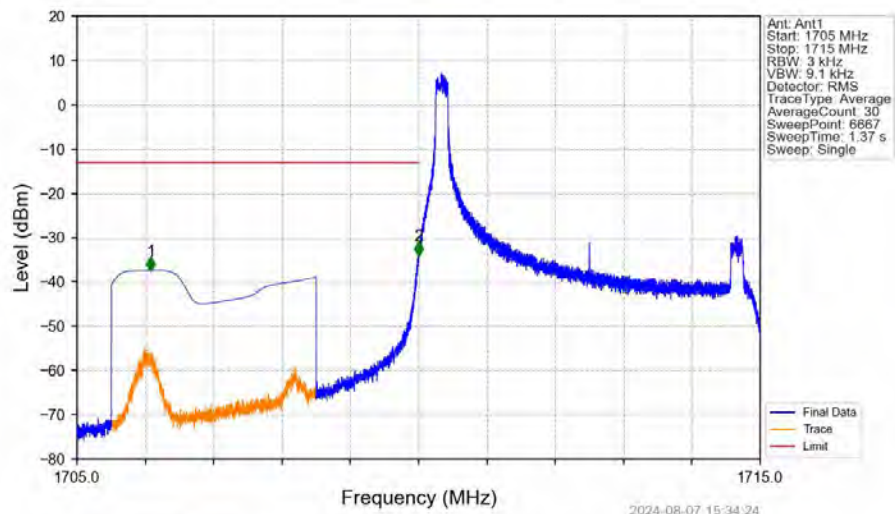
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



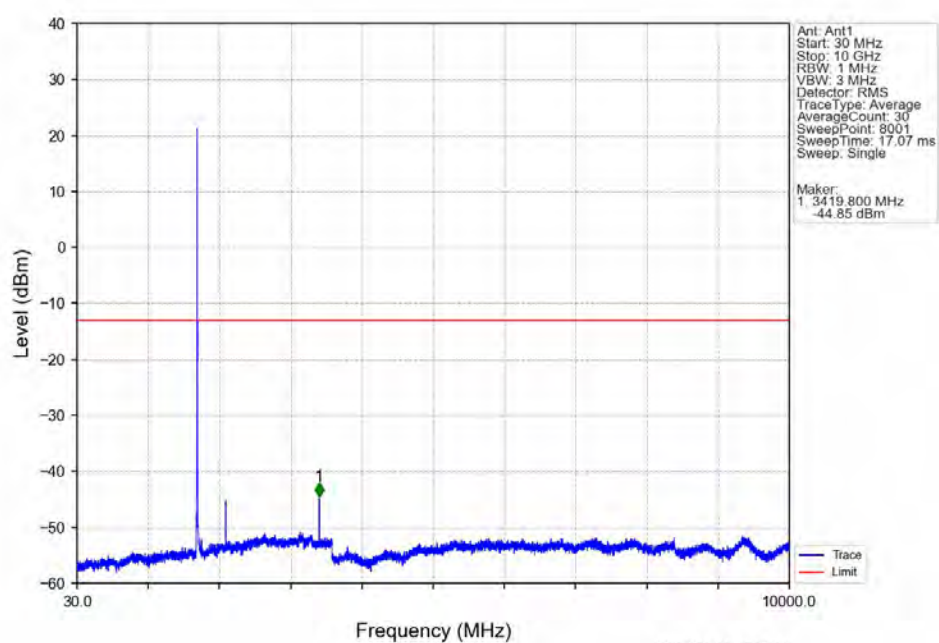
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



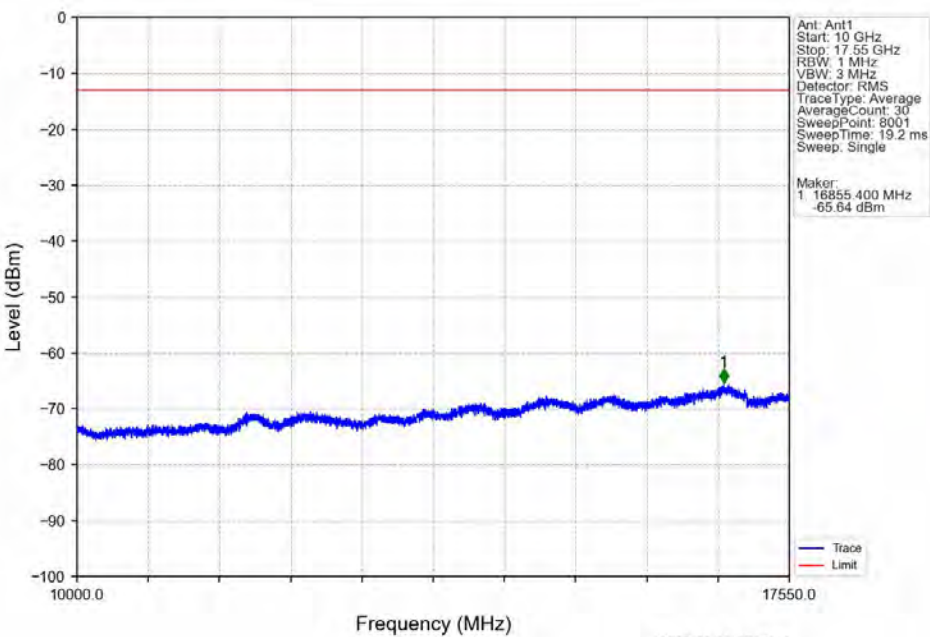
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



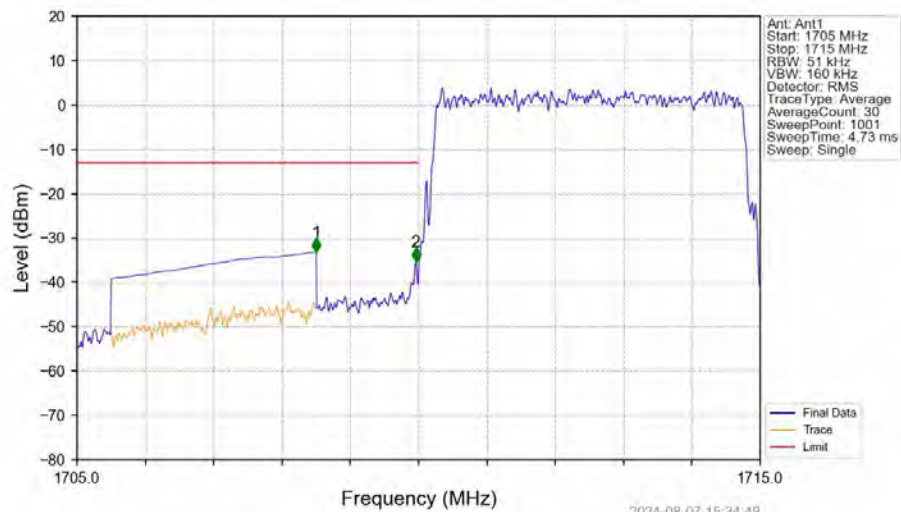
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

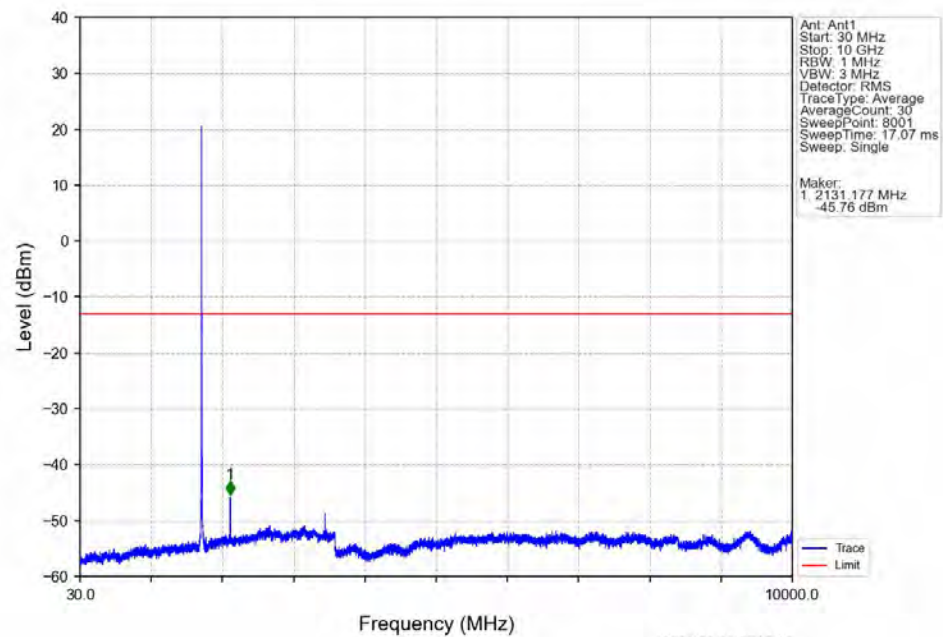


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

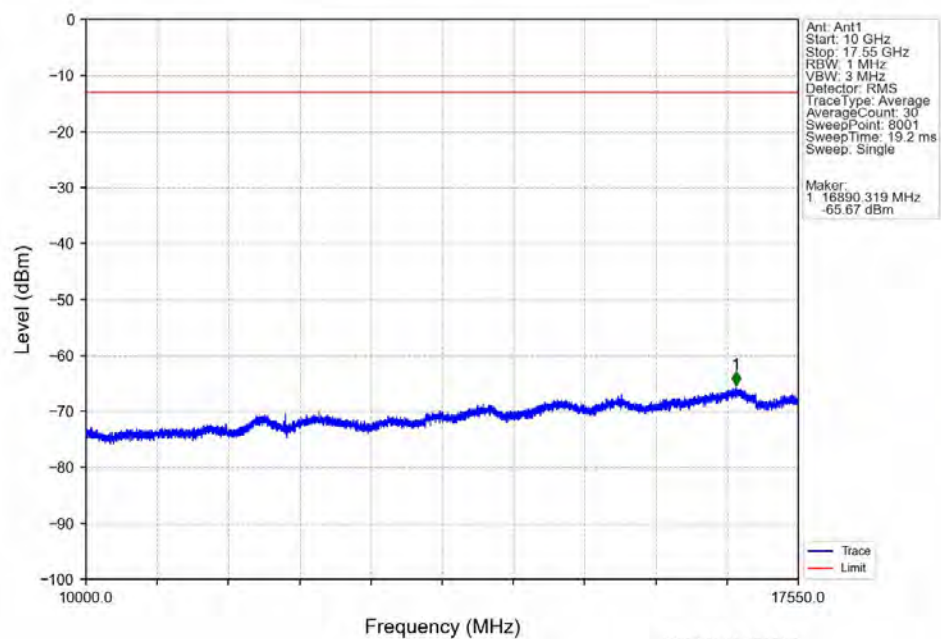


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-33.07	-13	Pass
1709	1710	0.051	/	2	1709.960	-35.35	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

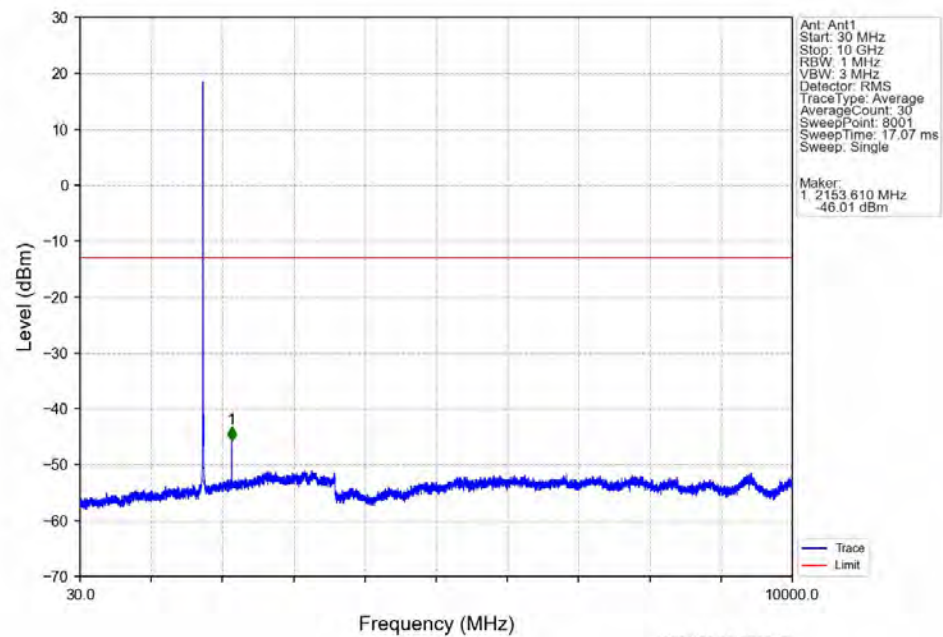
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



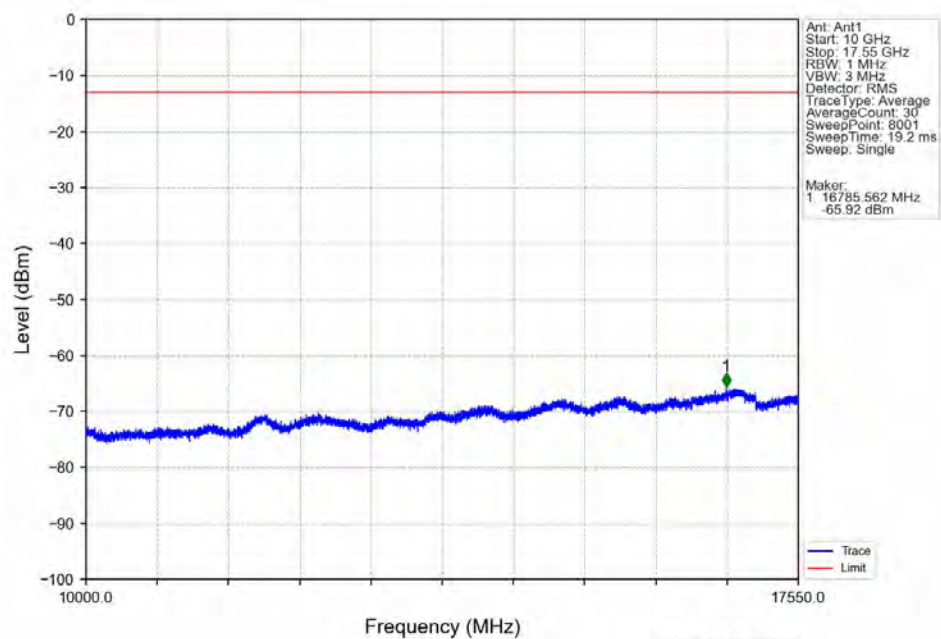
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



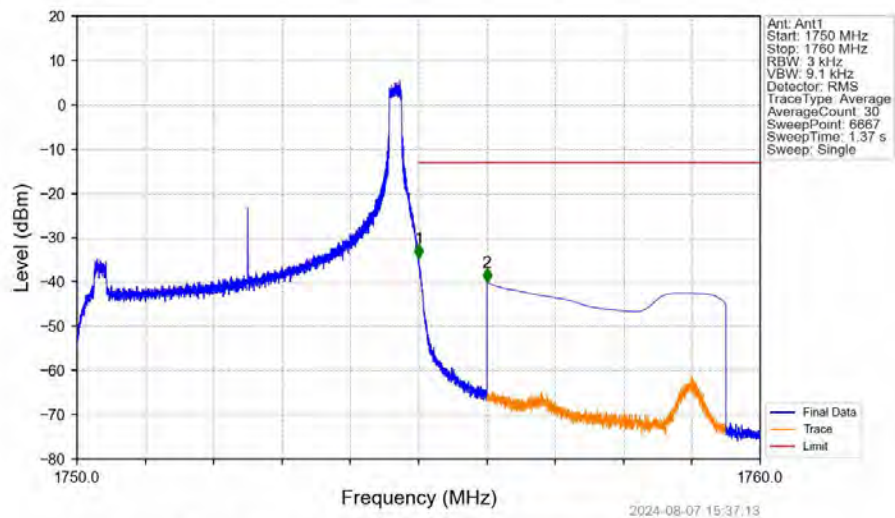
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



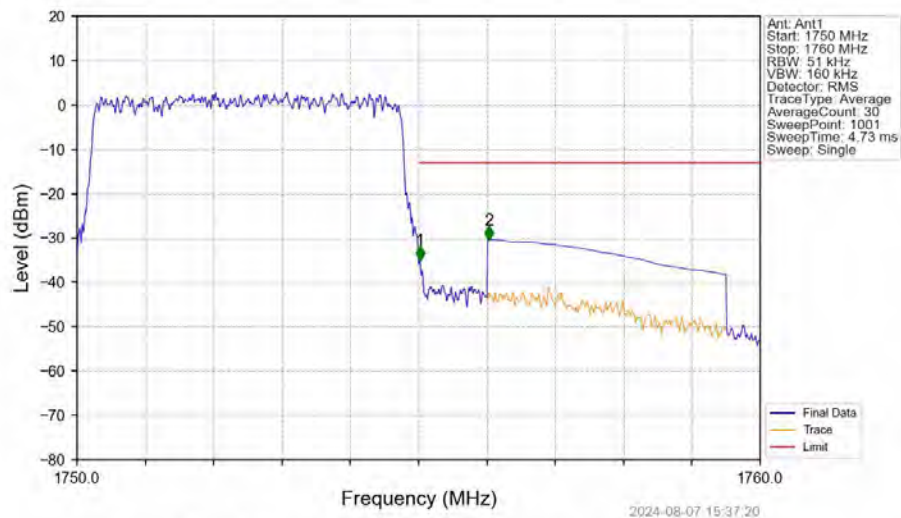
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



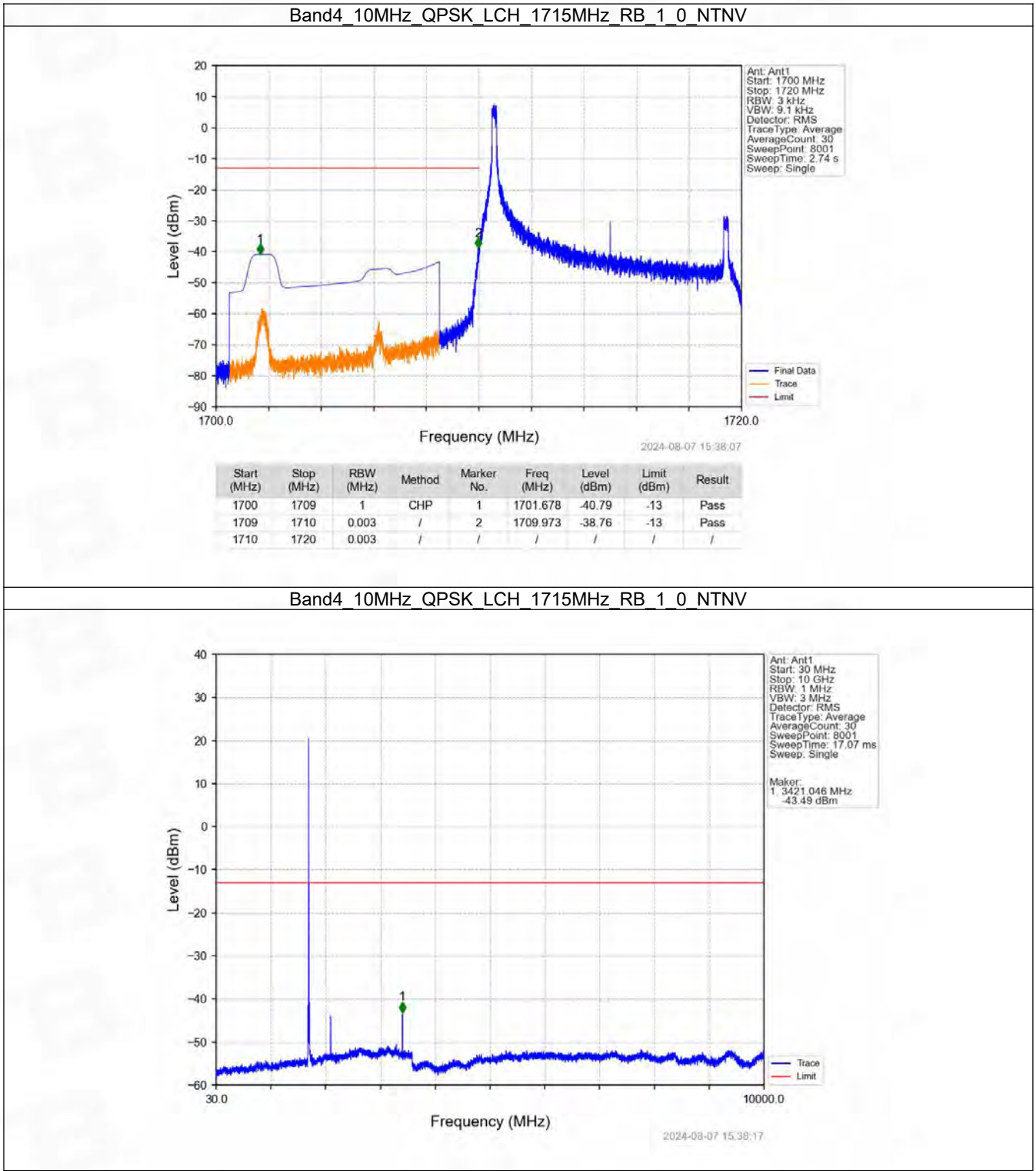
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



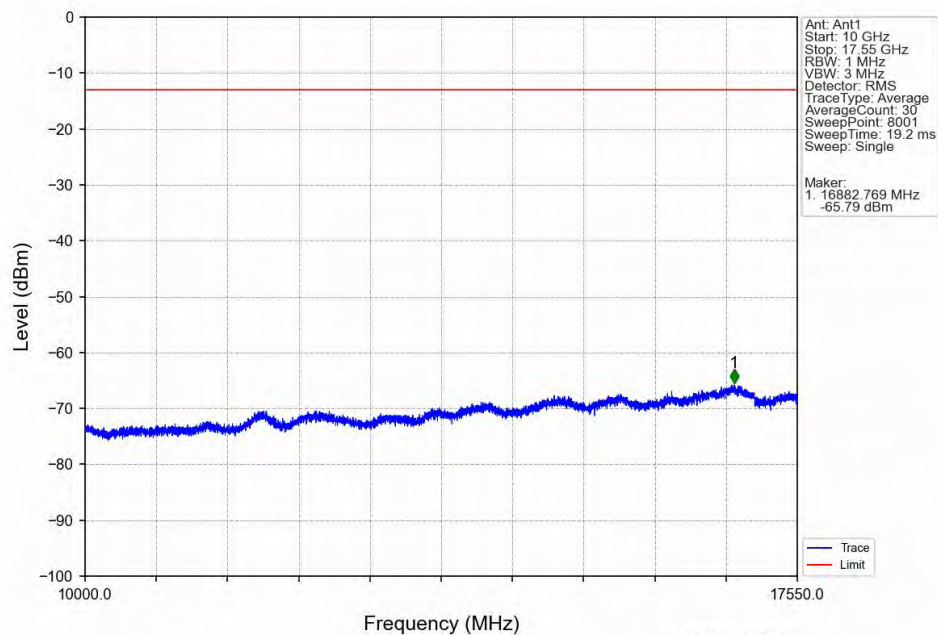
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



6.2.4 B4_10MHz

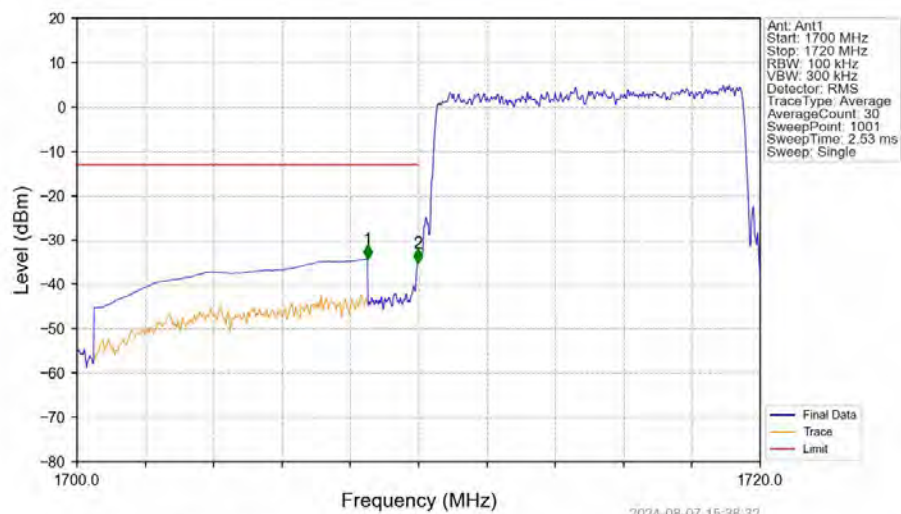


Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



2024-08-07 15:38:26

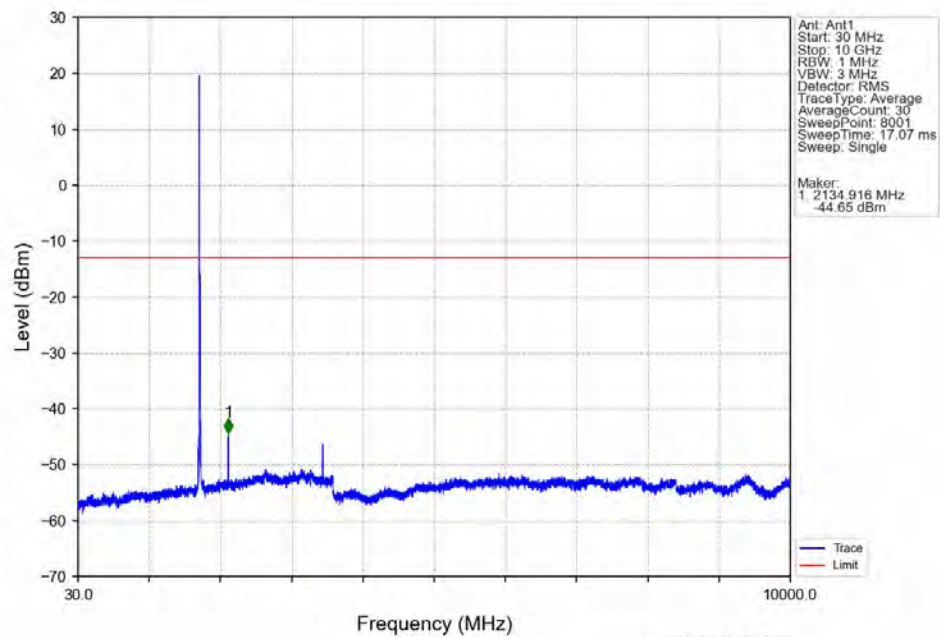
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



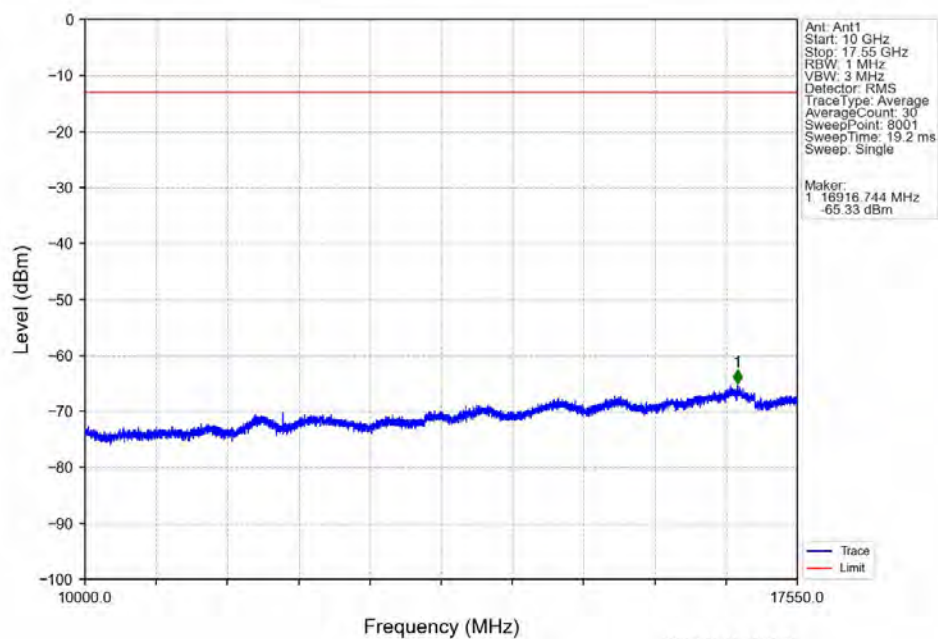
2024-08-07 15:38:32

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-34.31	-13	Pass
1709	1710	0.1	/	2	1709.980	-35.09	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

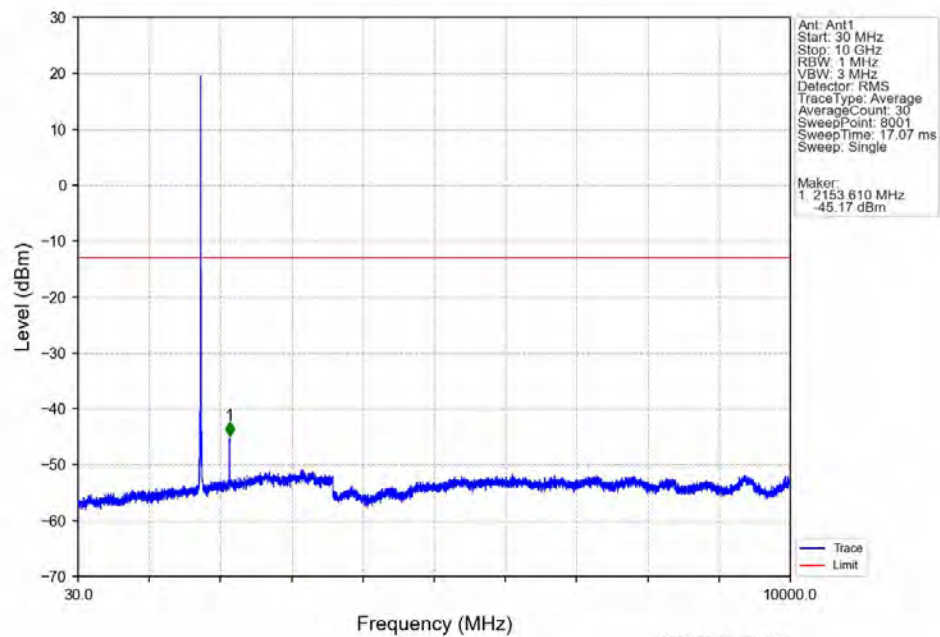
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



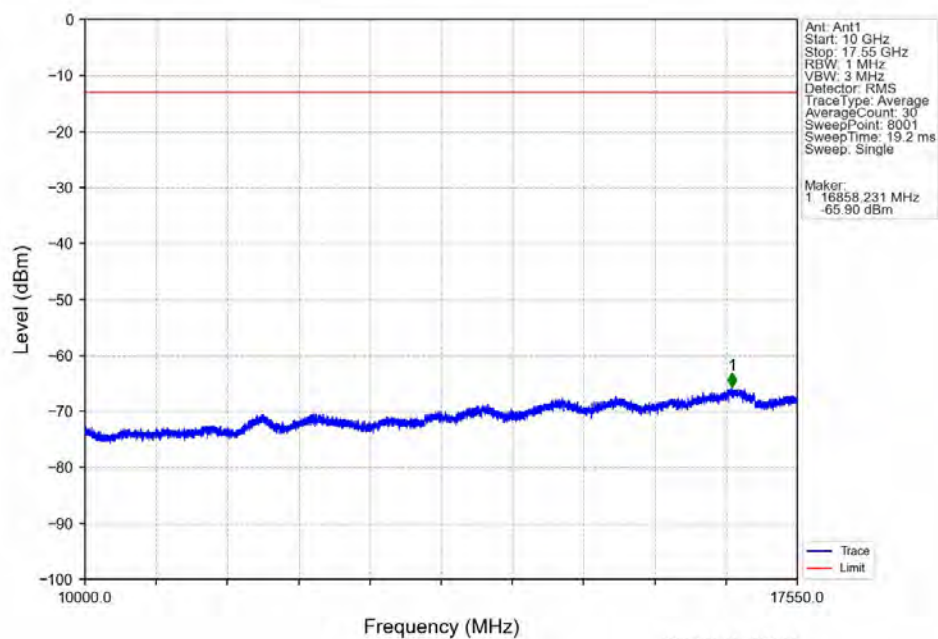
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



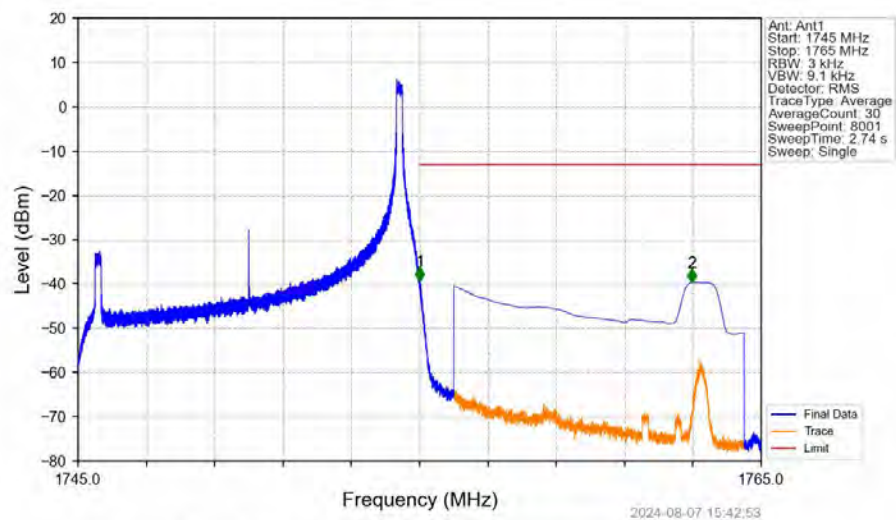
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

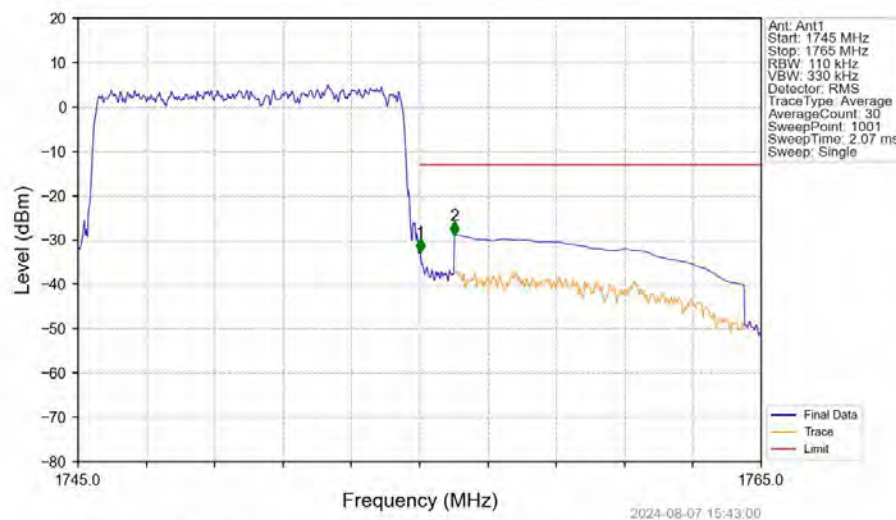


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



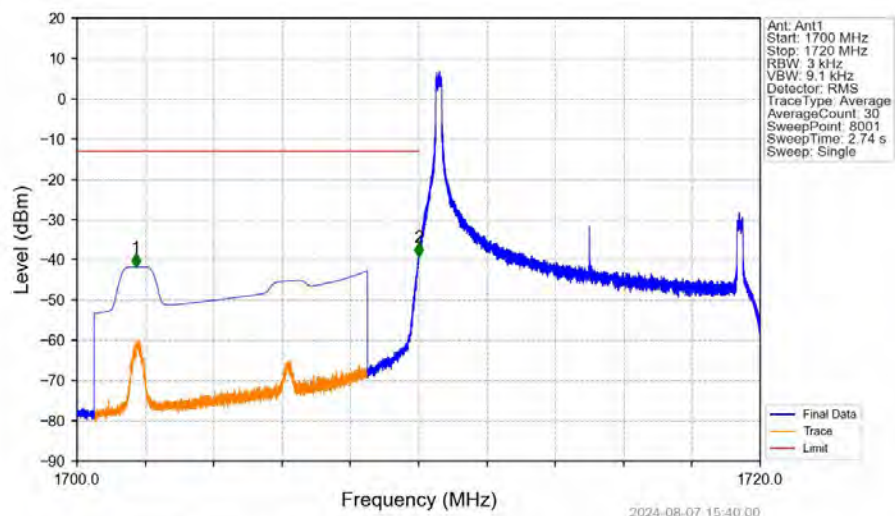
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-39.28	-13	Pass
1756	1765	1	CHP	2	1762.977	-39.61	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



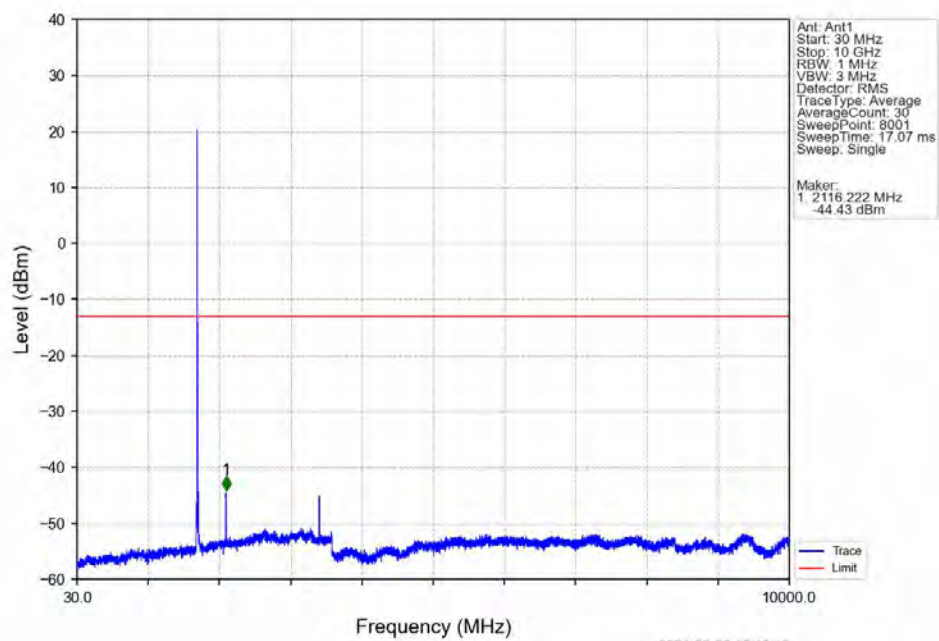
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.020	-32.83	-13	Pass
1756	1765	1	CHP	2	1756.020	-28.89	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

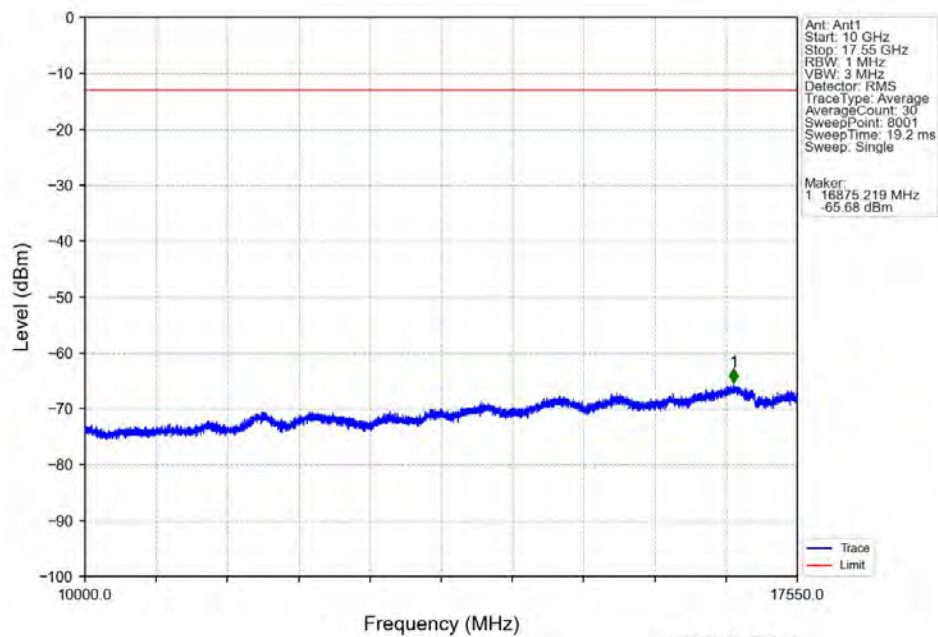


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.725	-41.77	-13	Pass
1709	1710	0.003	/	2	1709.997	-39.31	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

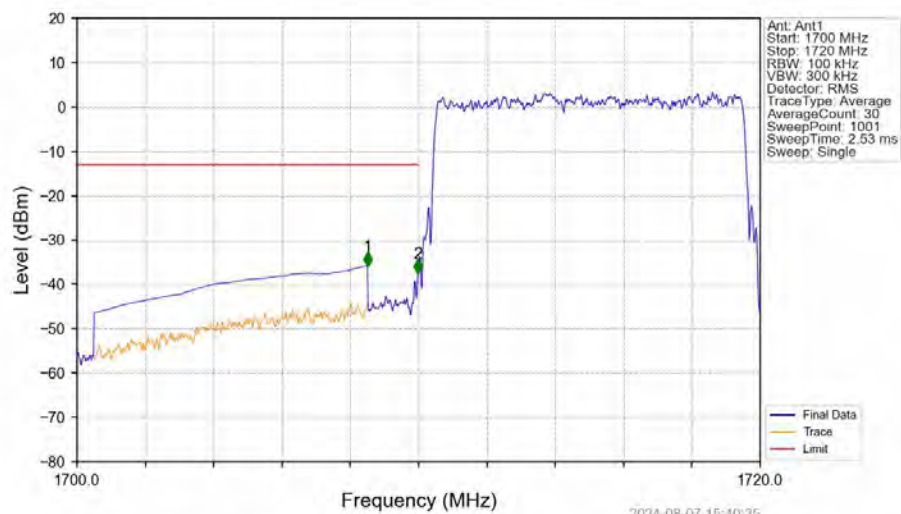
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

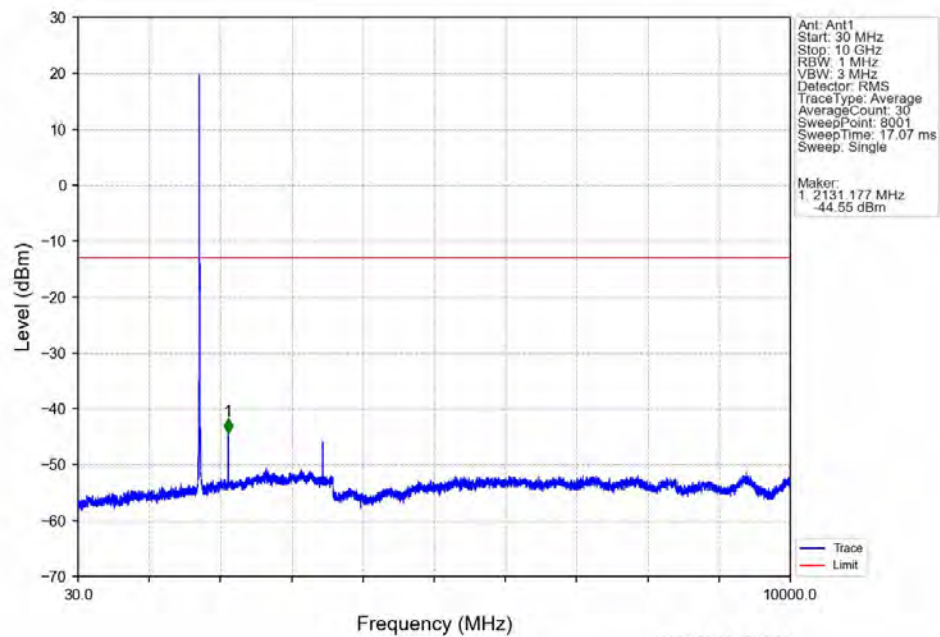


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

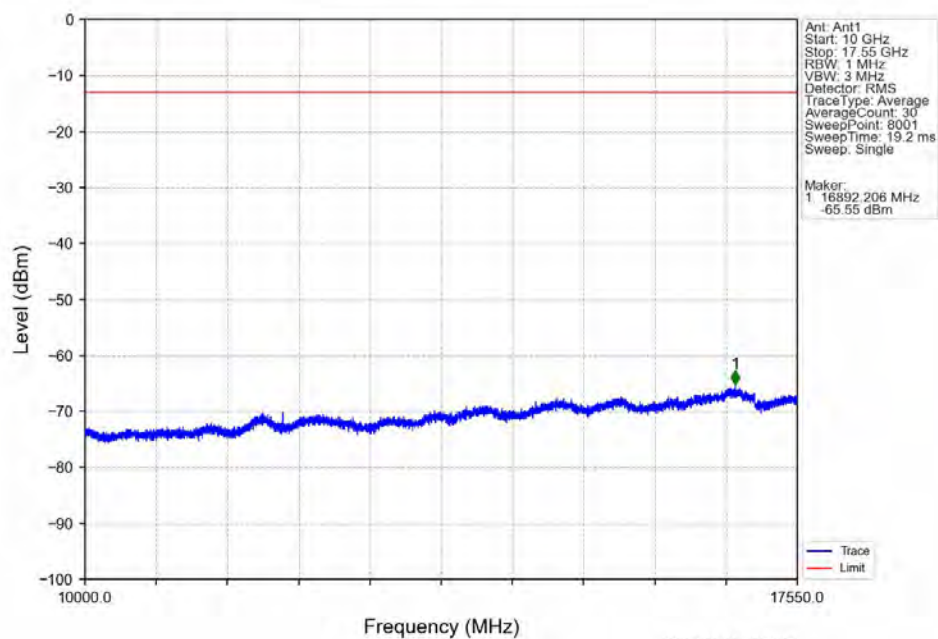


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-35.85	-13	Pass
1709	1710	0.1	/	2	1709.980	-37.56	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

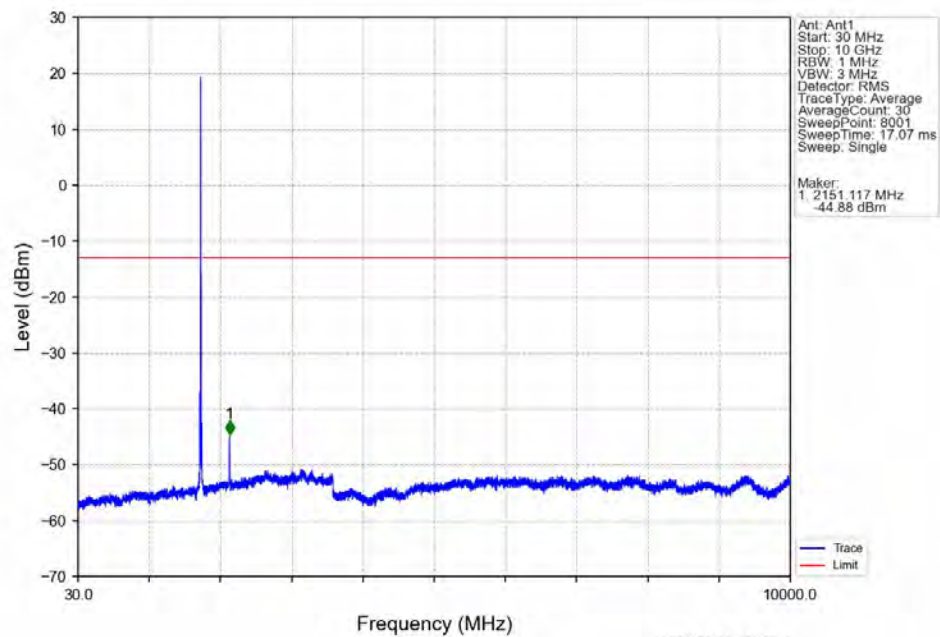
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



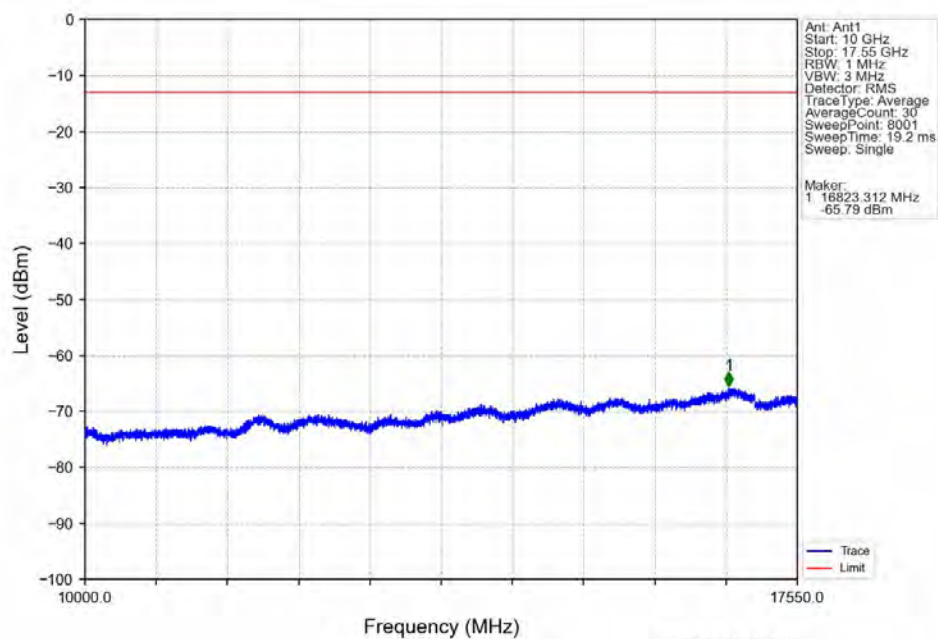
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



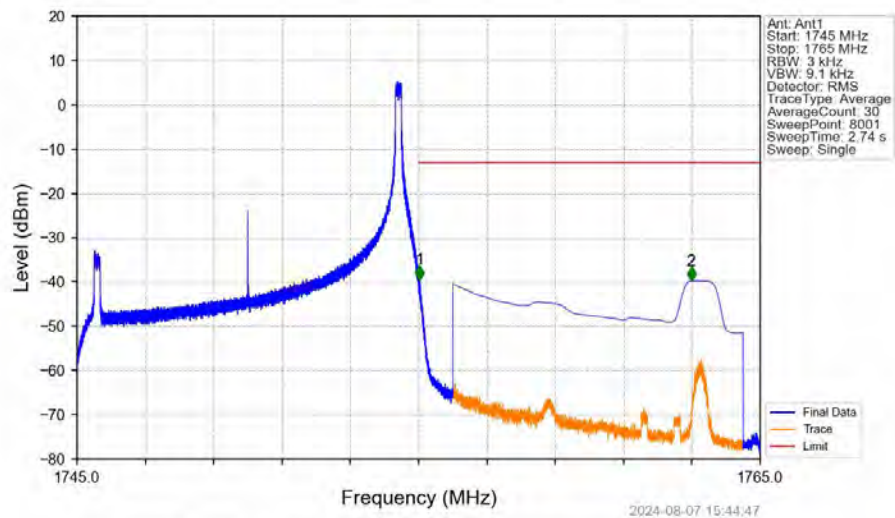
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



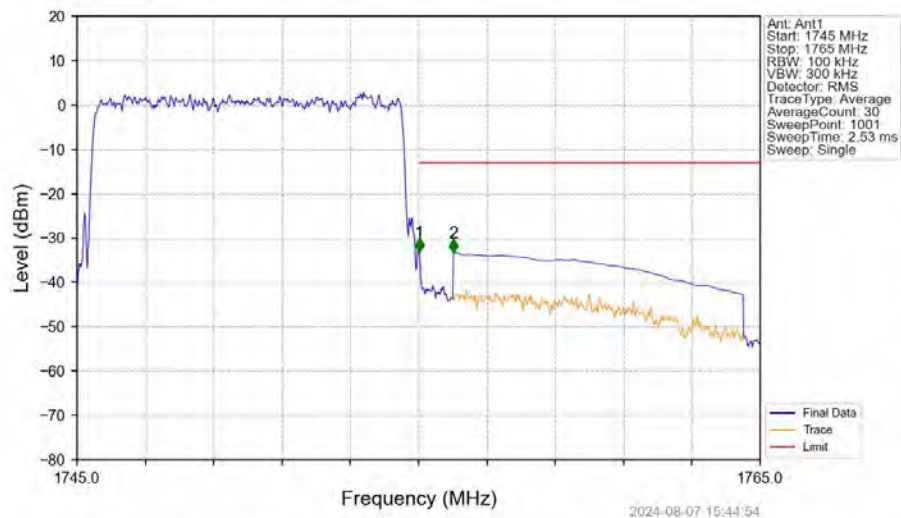
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



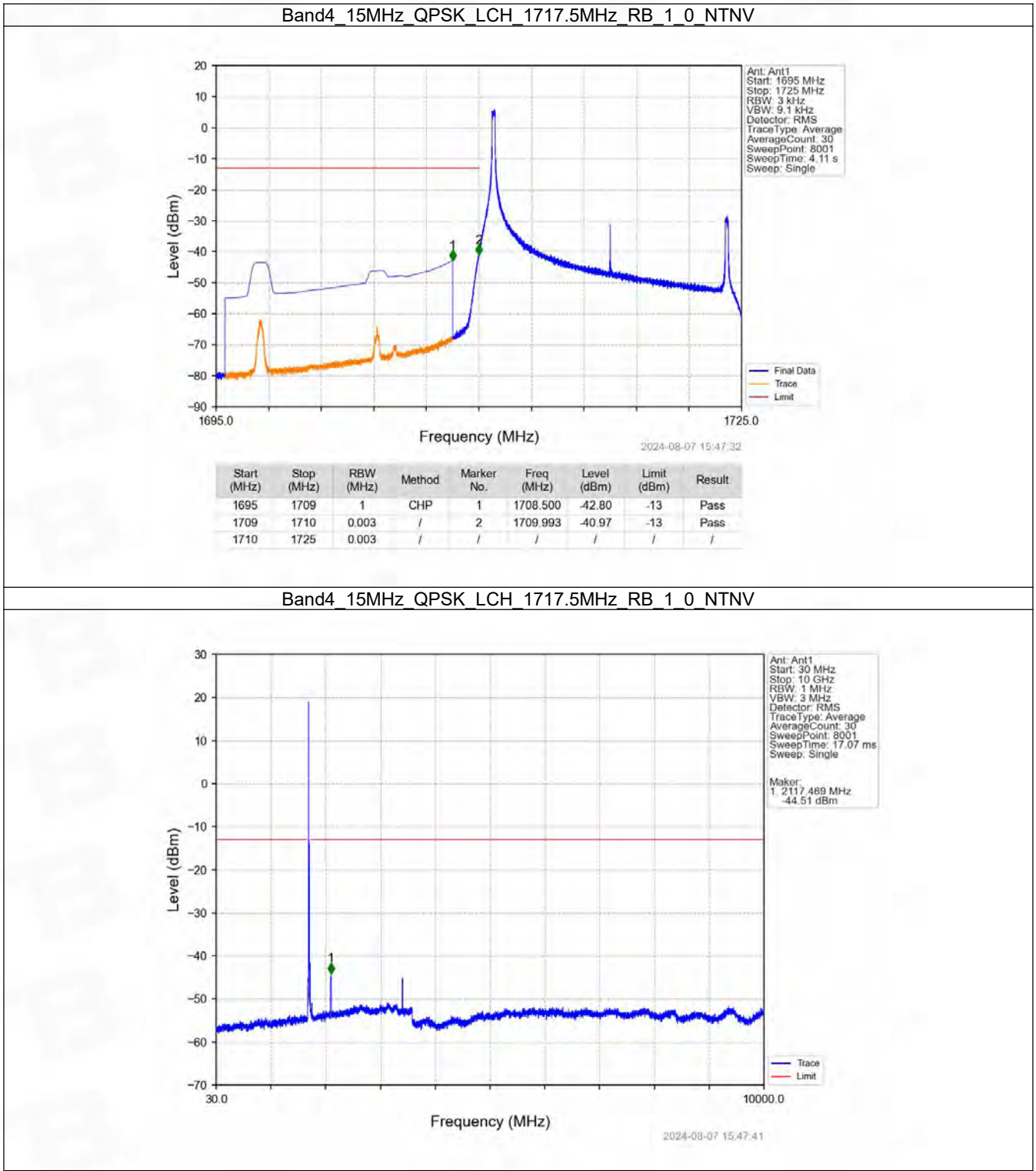
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



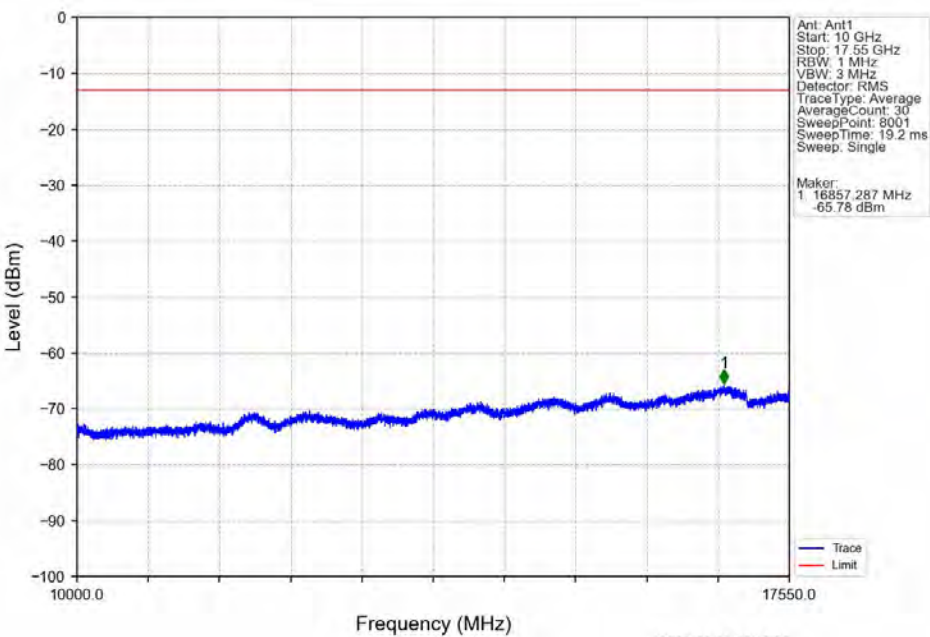
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



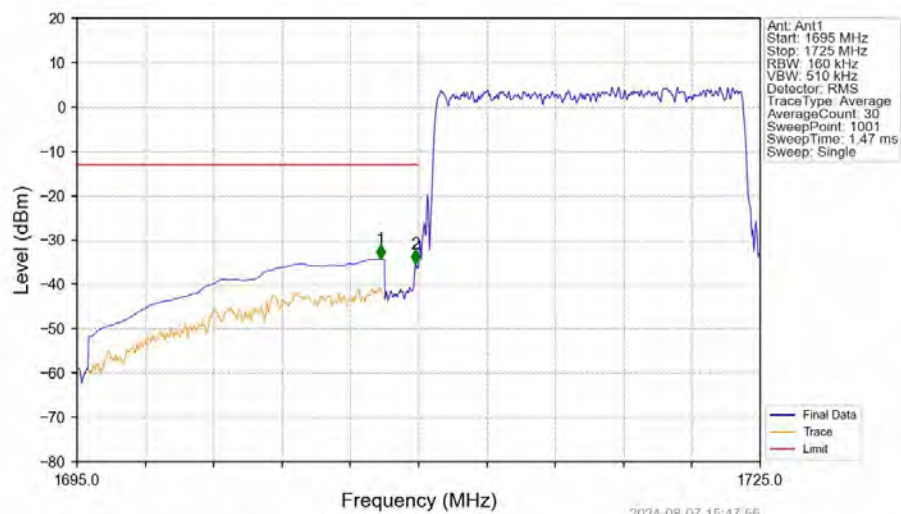
6.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

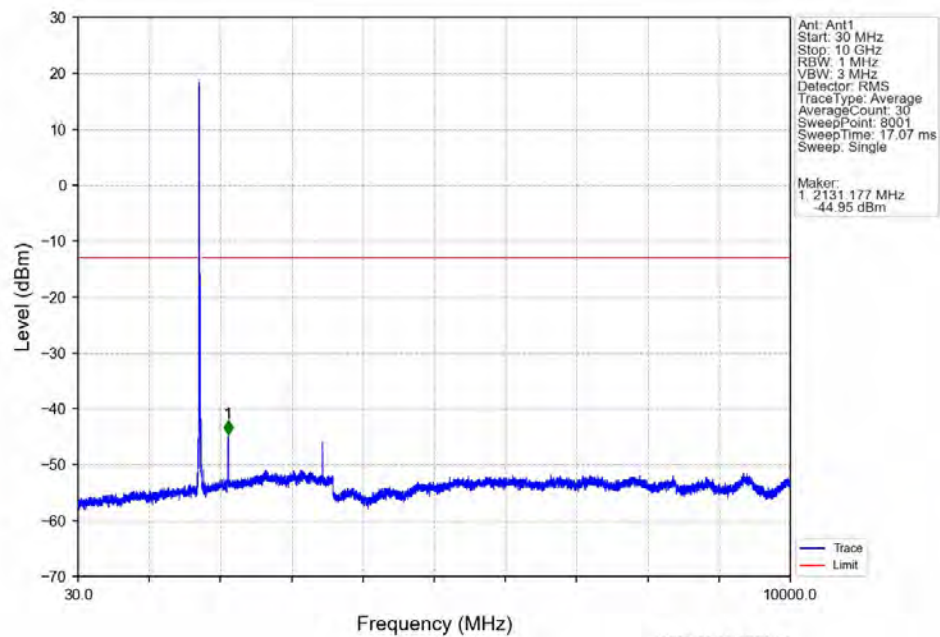


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

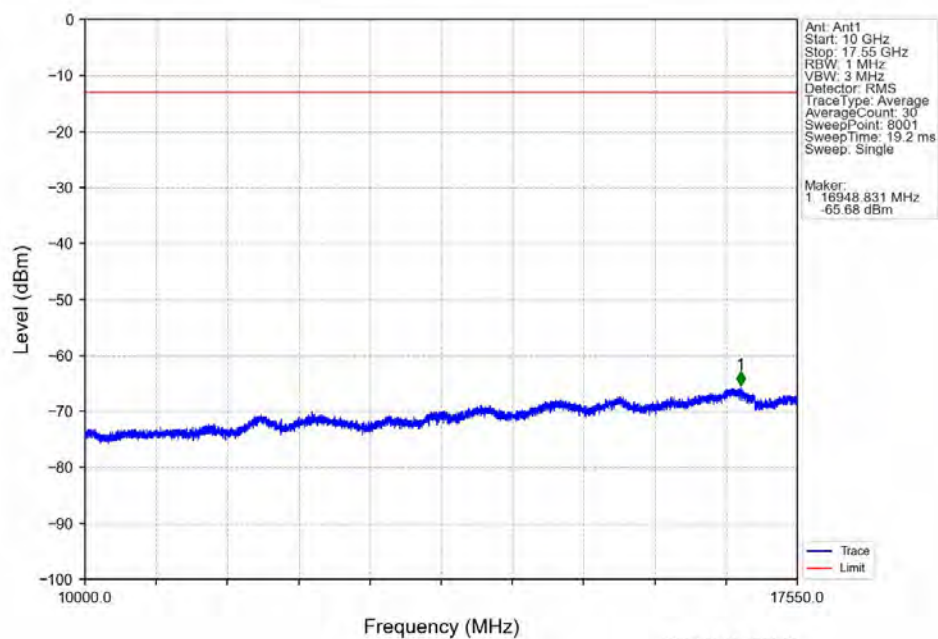


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.320	-34.29	-13	Pass
1709	1710	0.16	/	2	1709.850	-35.23	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

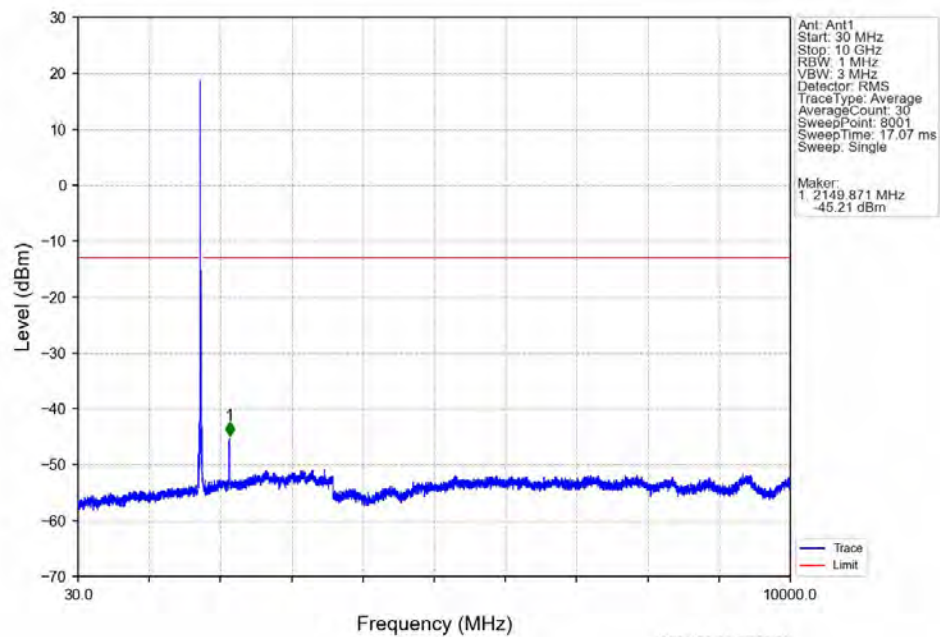
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



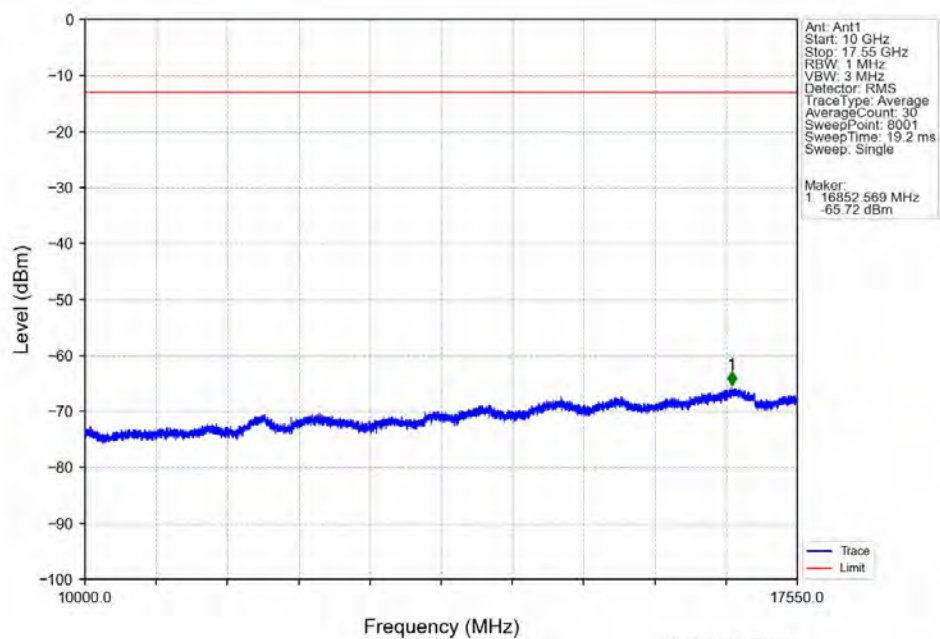
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



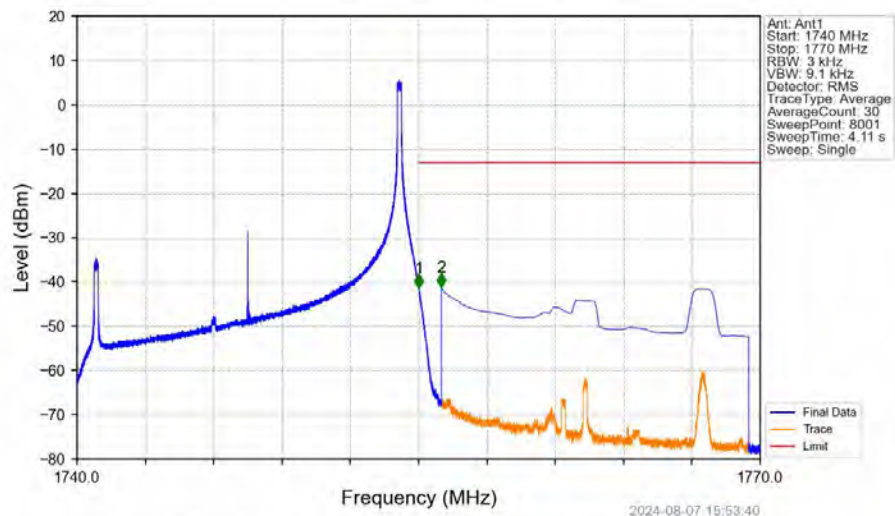
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

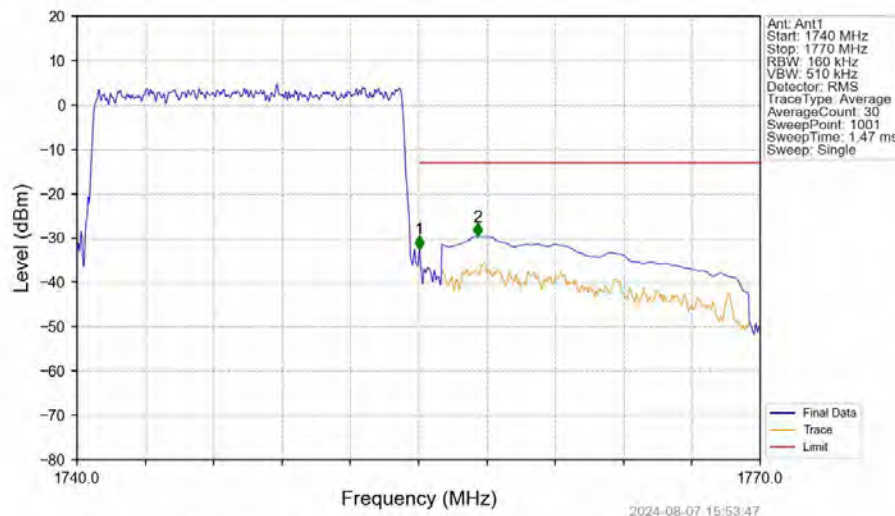


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



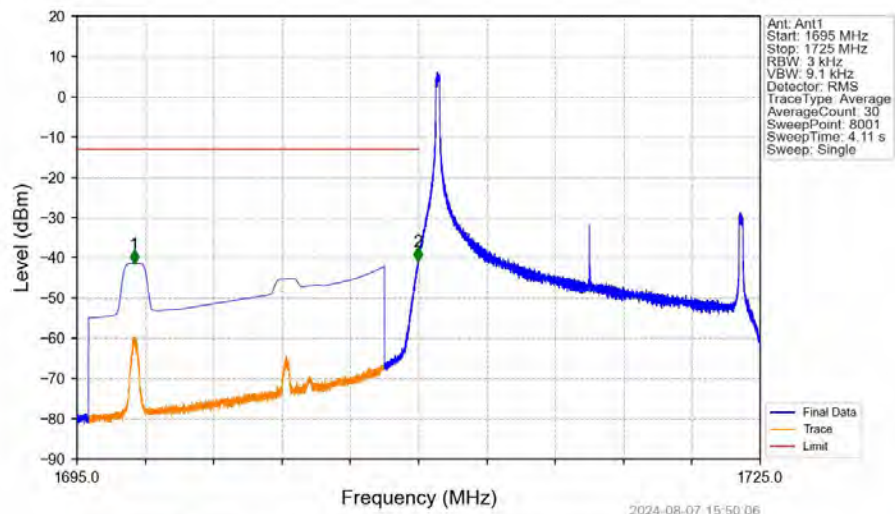
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-41.31	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.21	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

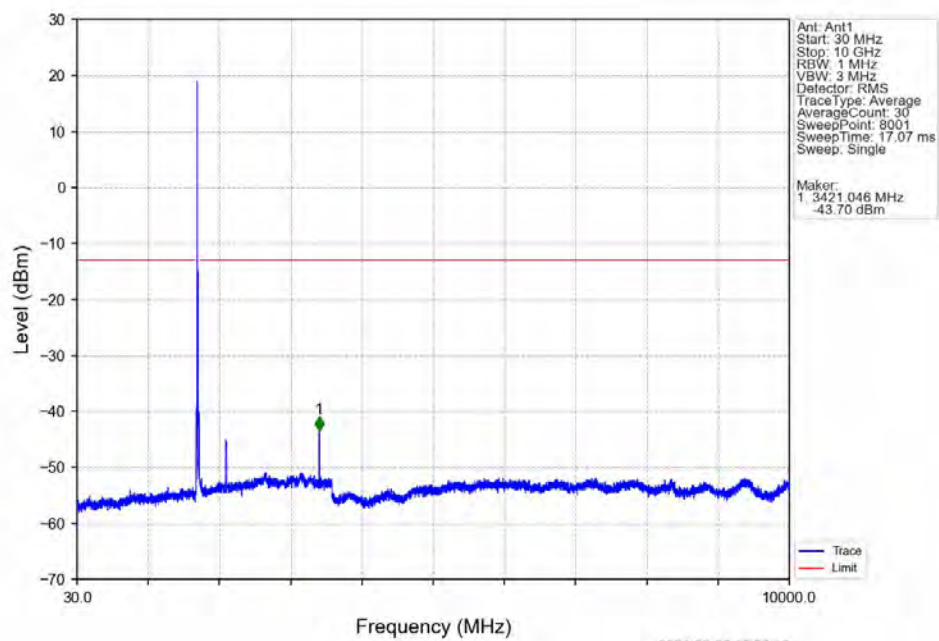


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.030	-32.50	-13	Pass
1756	1770	1	CHP	2	1757.580	-29.62	-13	Pass

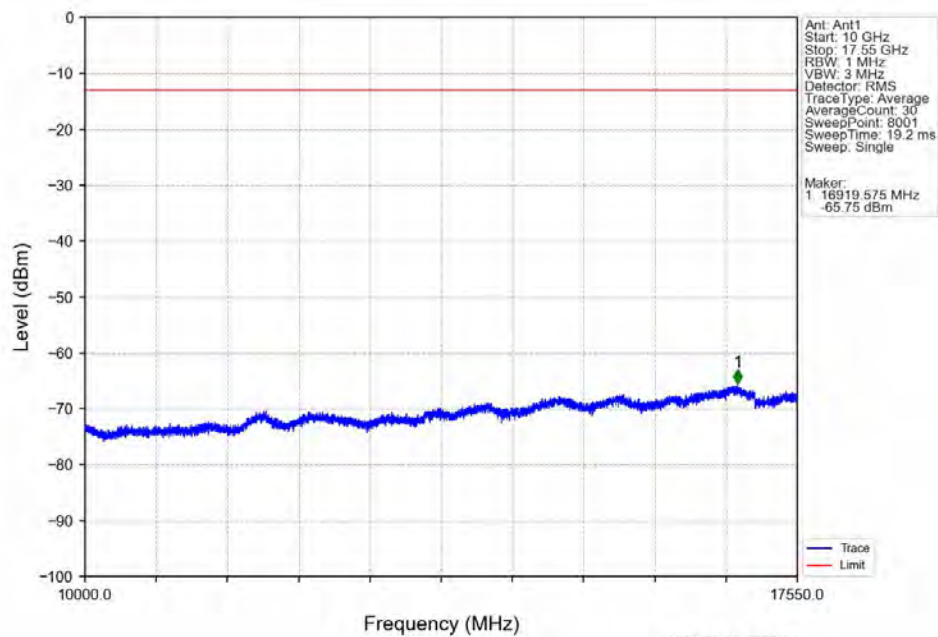
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



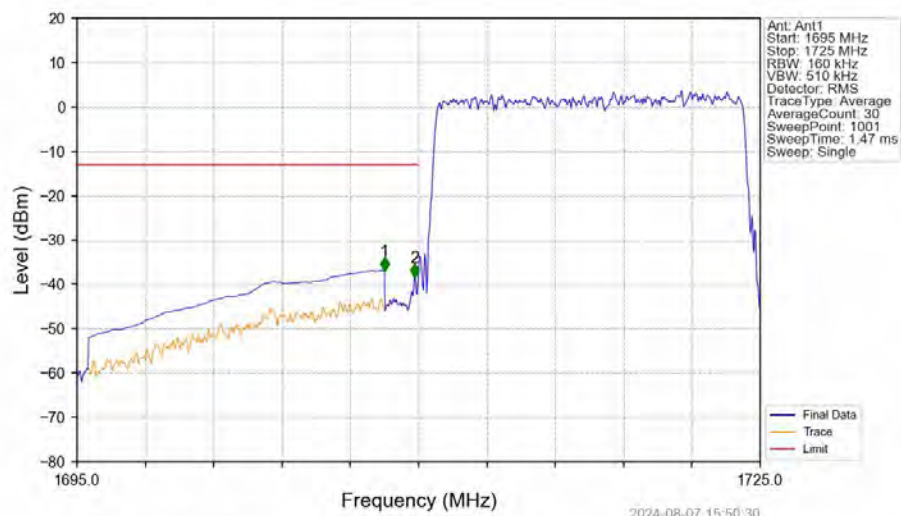
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

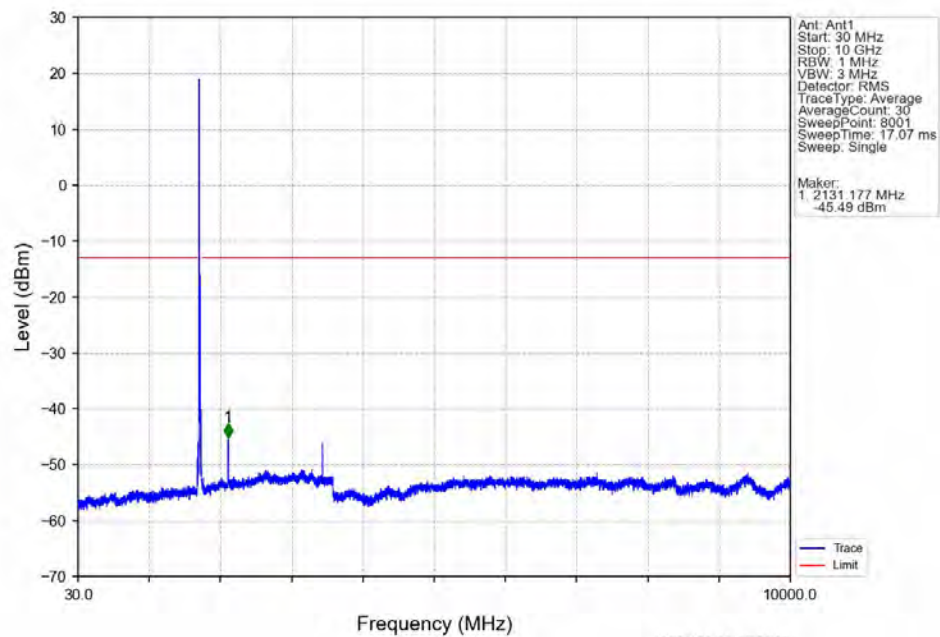


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

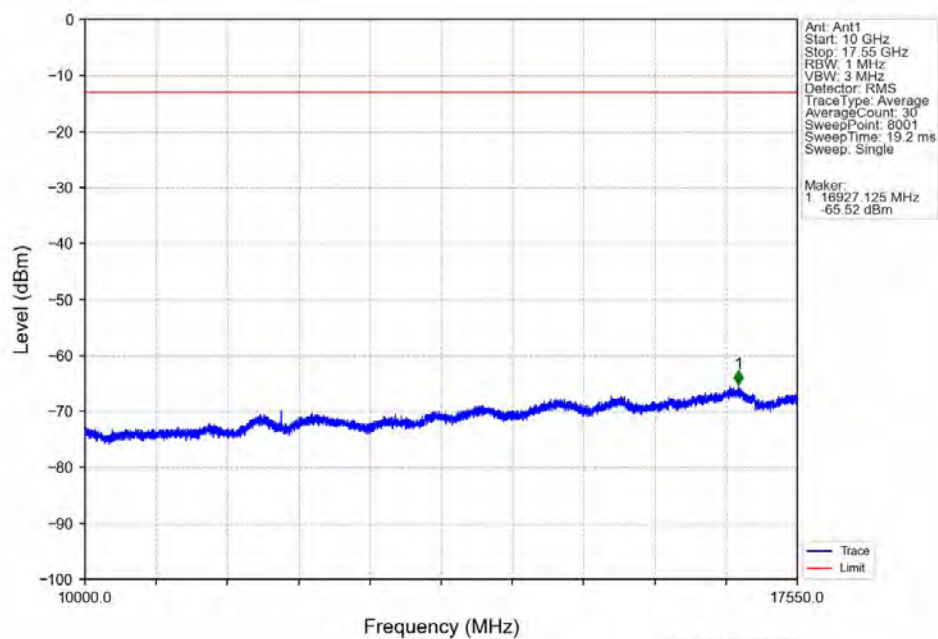


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-36.89	-13	Pass
1709	1710	0.16	/	2	1709.820	-38.45	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

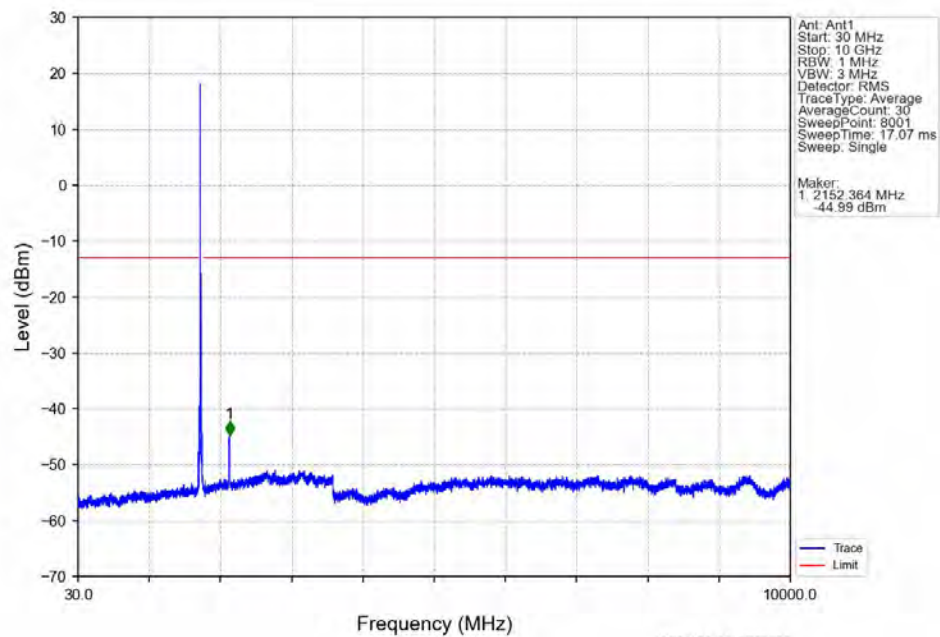
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



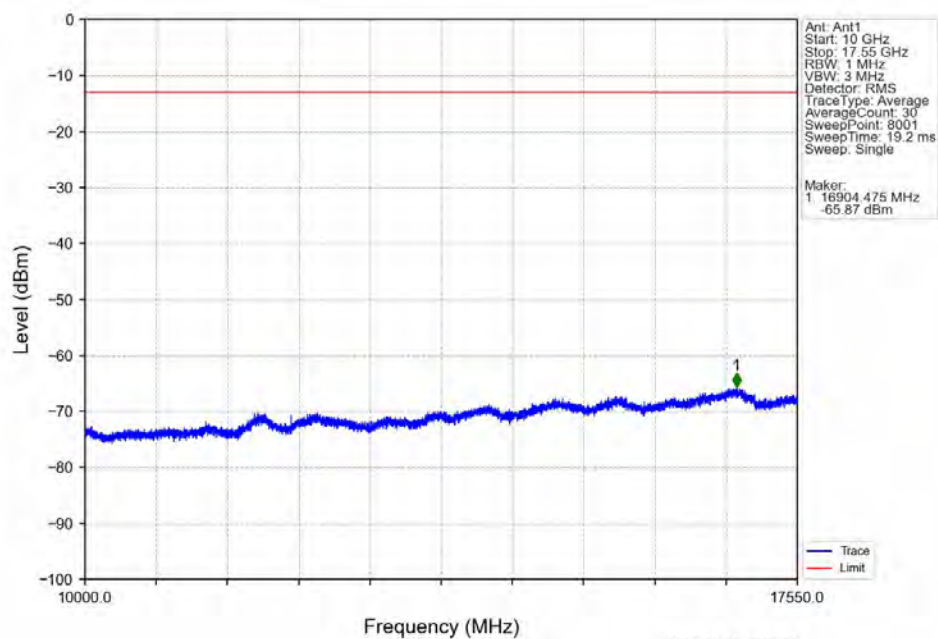
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



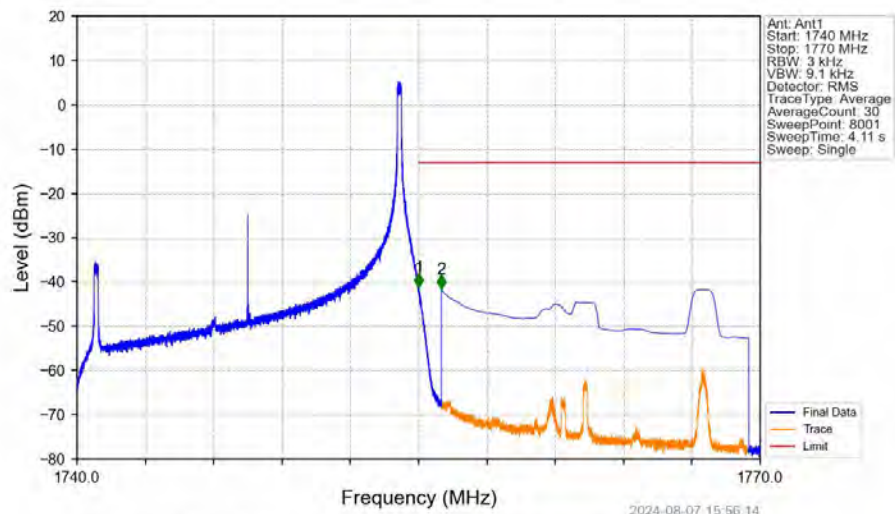
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

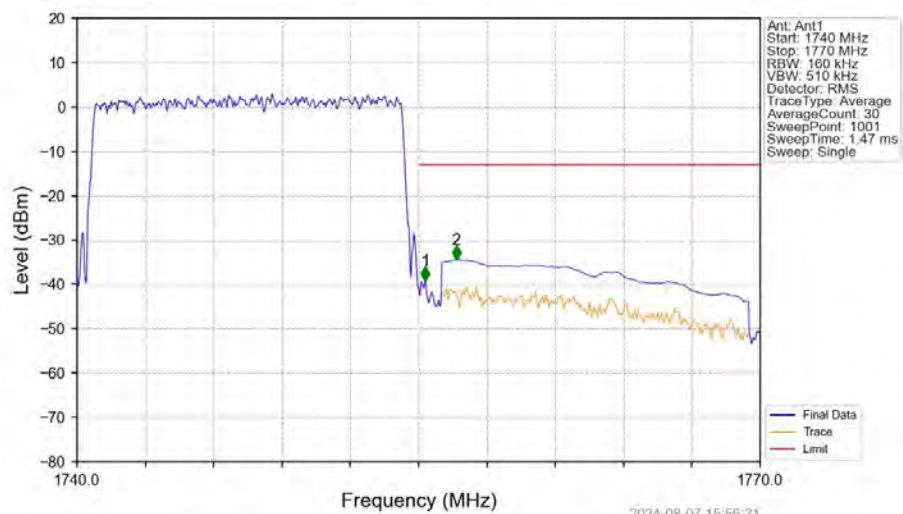


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



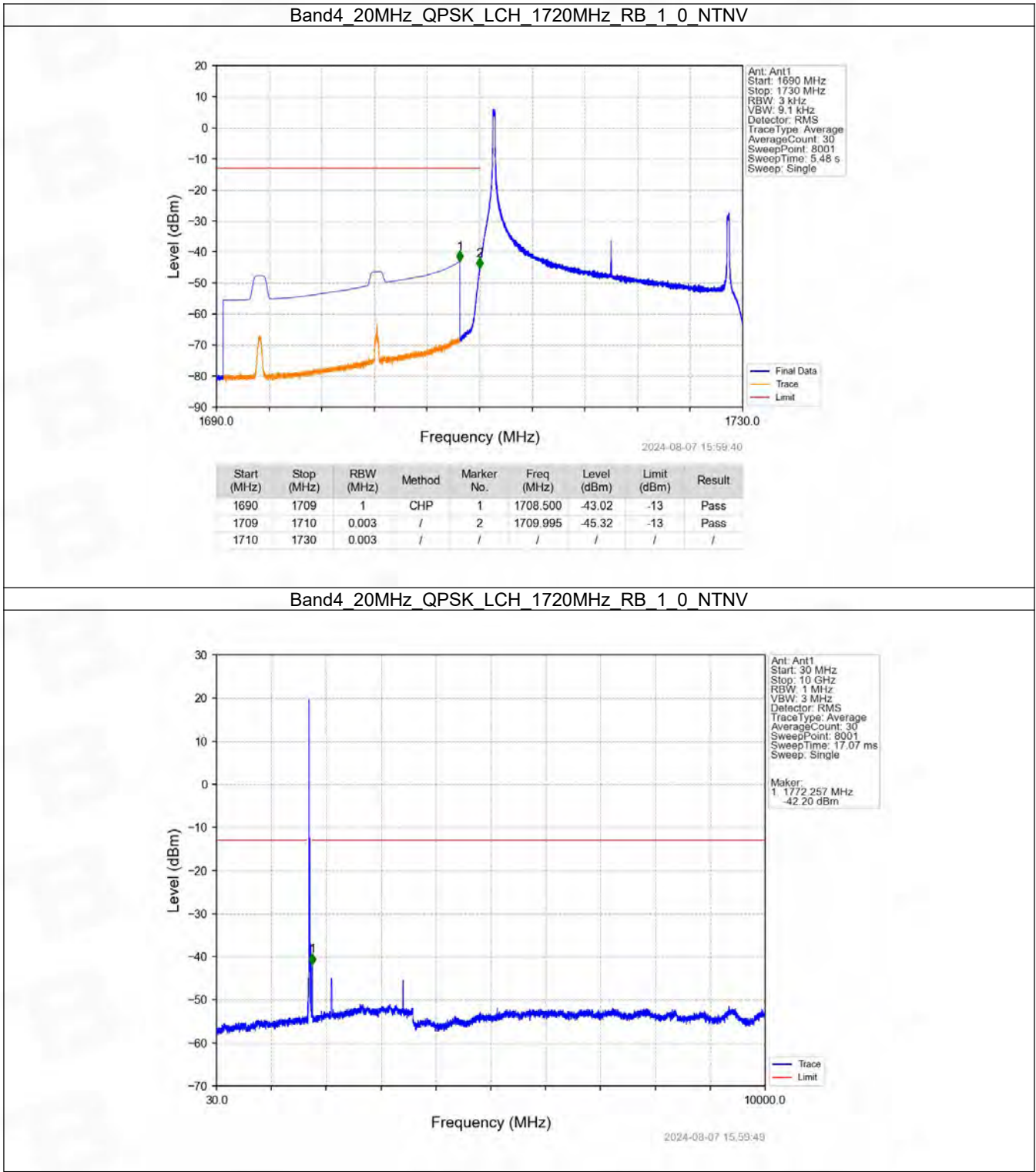
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-41.10	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.45	-13	Pass

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

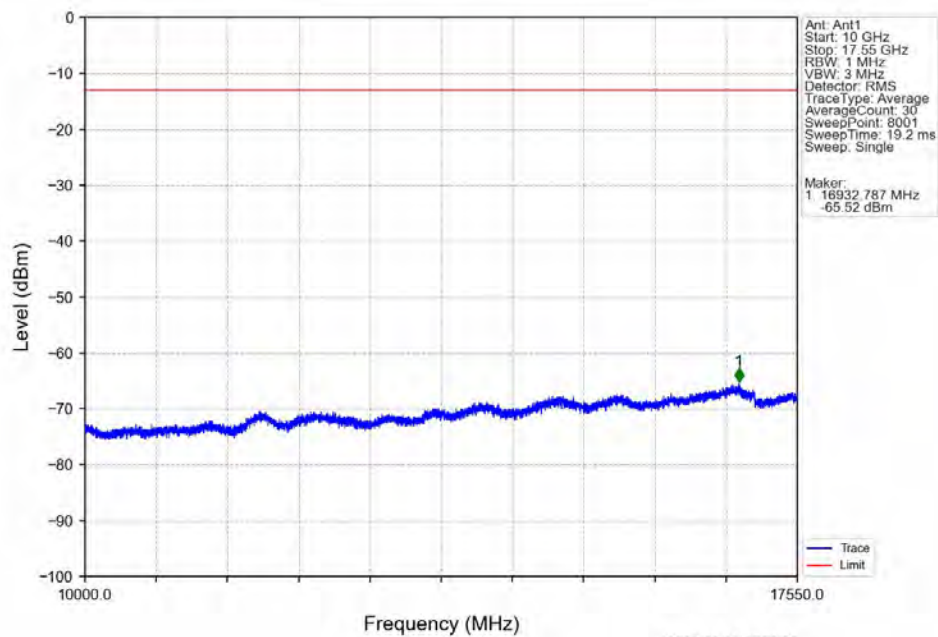


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.300	-39.08	-13	Pass
1756	1770	1	CHP	2	1756.650	-34.46	-13	Pass

6.2.6 B4_20MHz

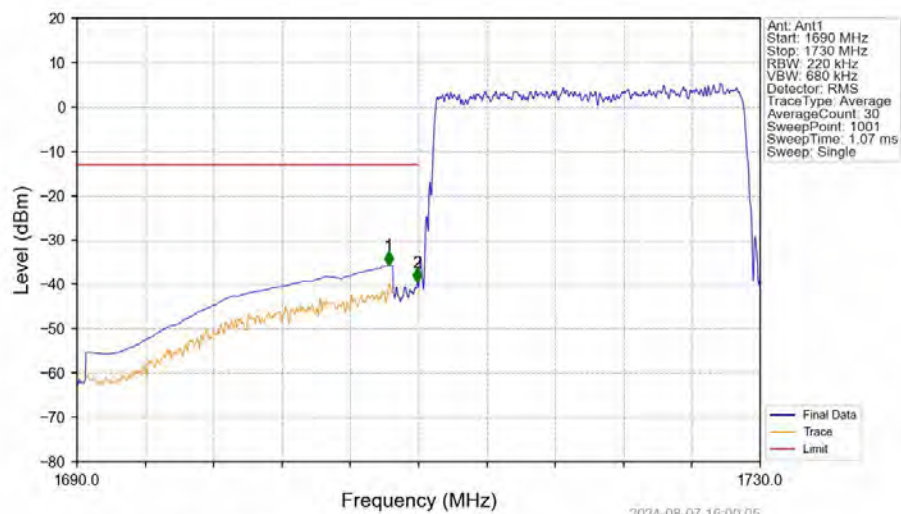


Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



2024-08-07 15:59:59

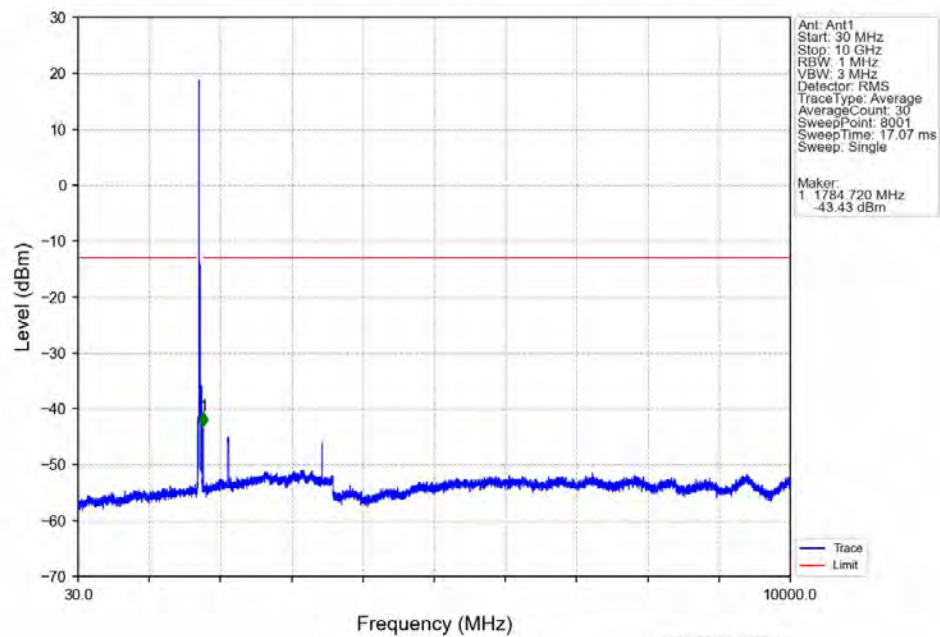
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



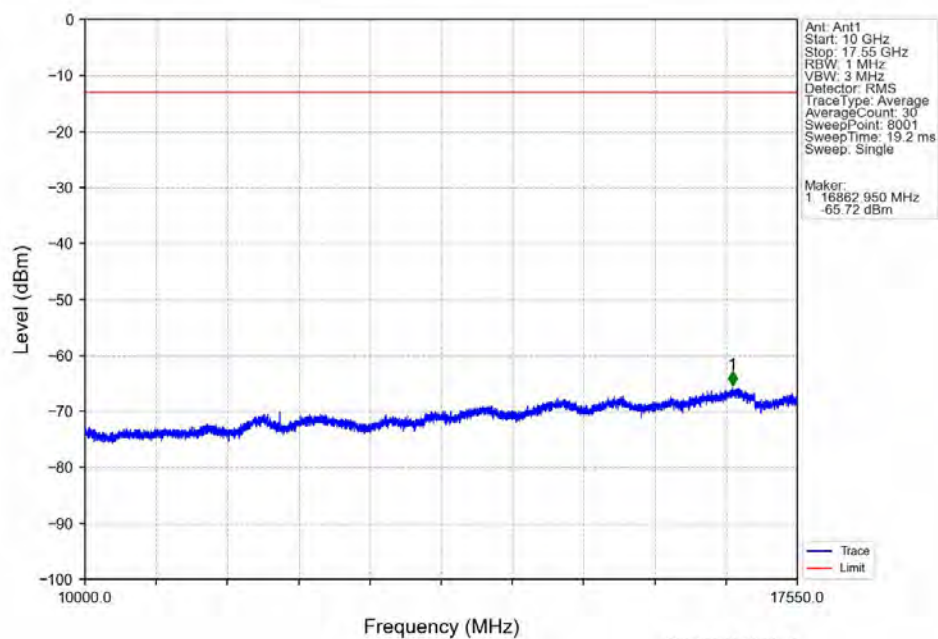
2024-08-07 16:00:05

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.240	-35.68	-13	Pass
1709	1710	0.22	/	2	1709.920	-39.57	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

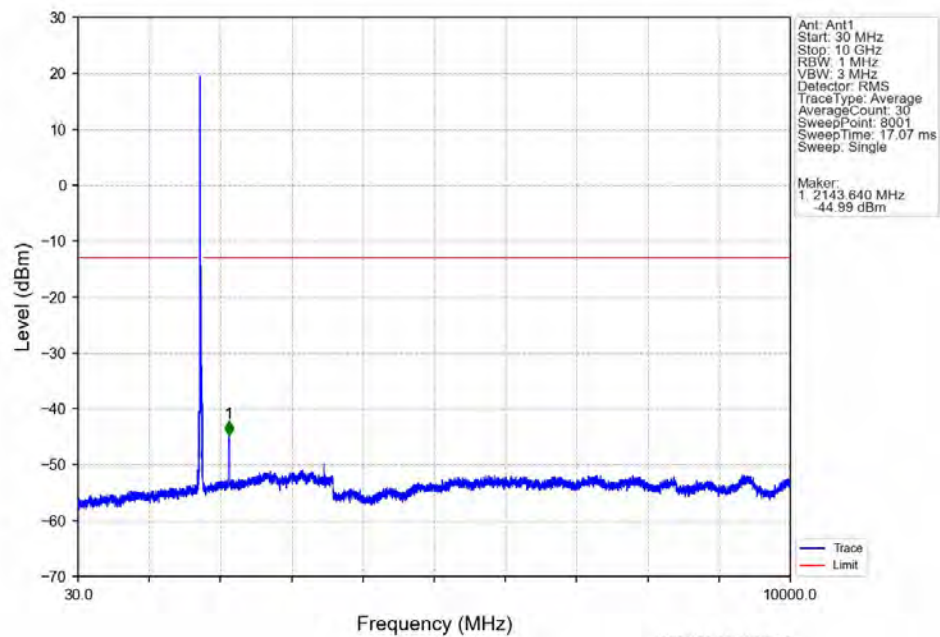
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



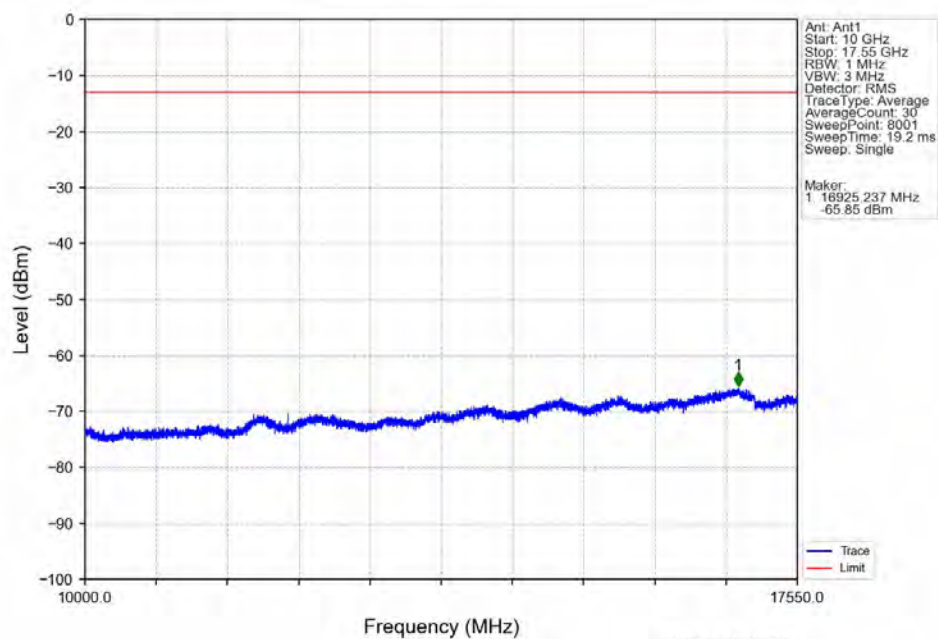
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



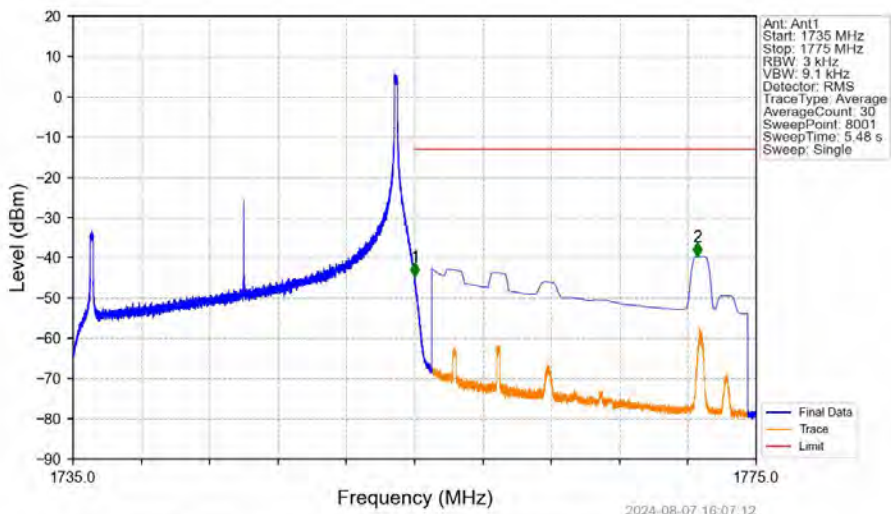
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

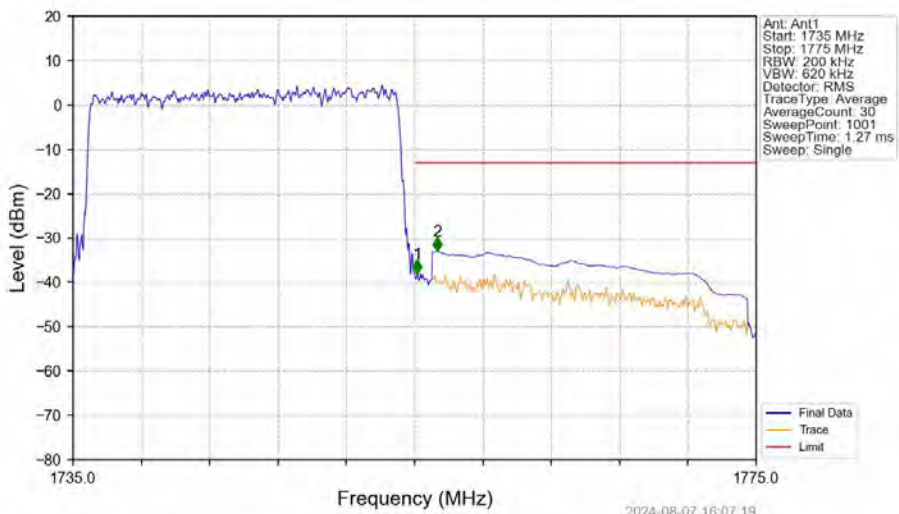


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



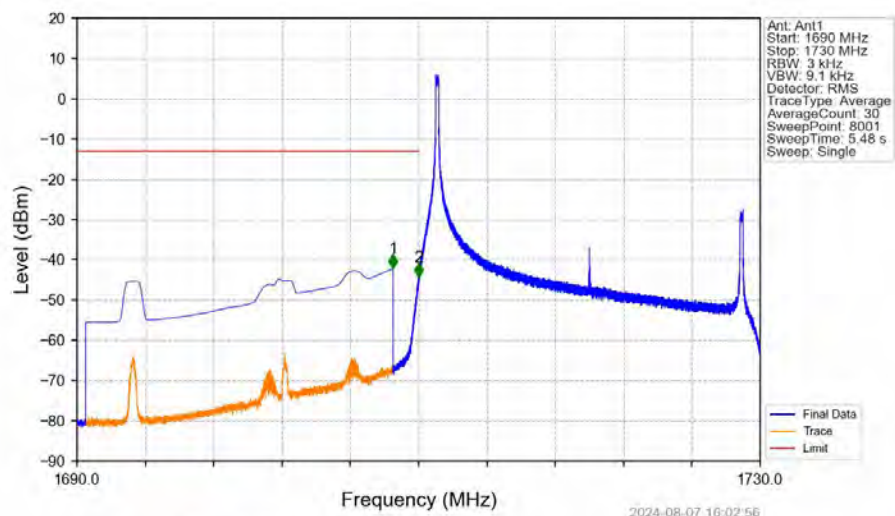
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-44.65	-13	Pass
1756	1775	1	CHP	2	1771.555	-39.66	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

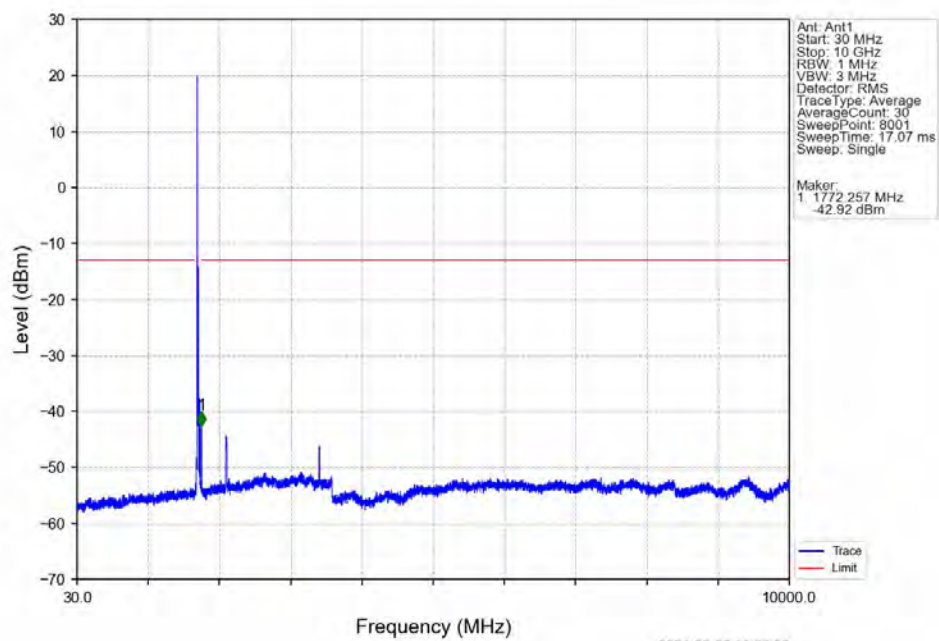


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.160	-38.10	-13	Pass
1756	1775	1	CHP	2	1756.320	-33.01	-13	Pass

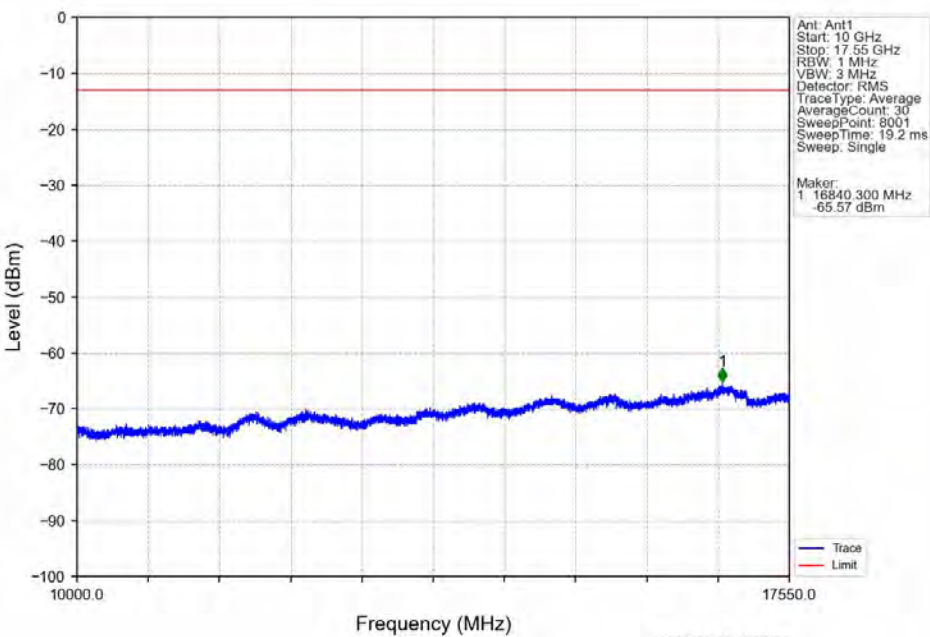
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



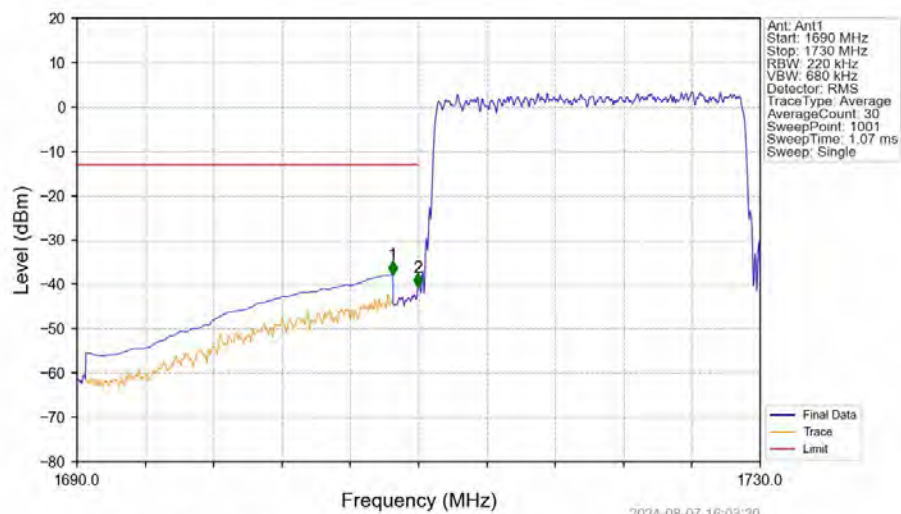
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

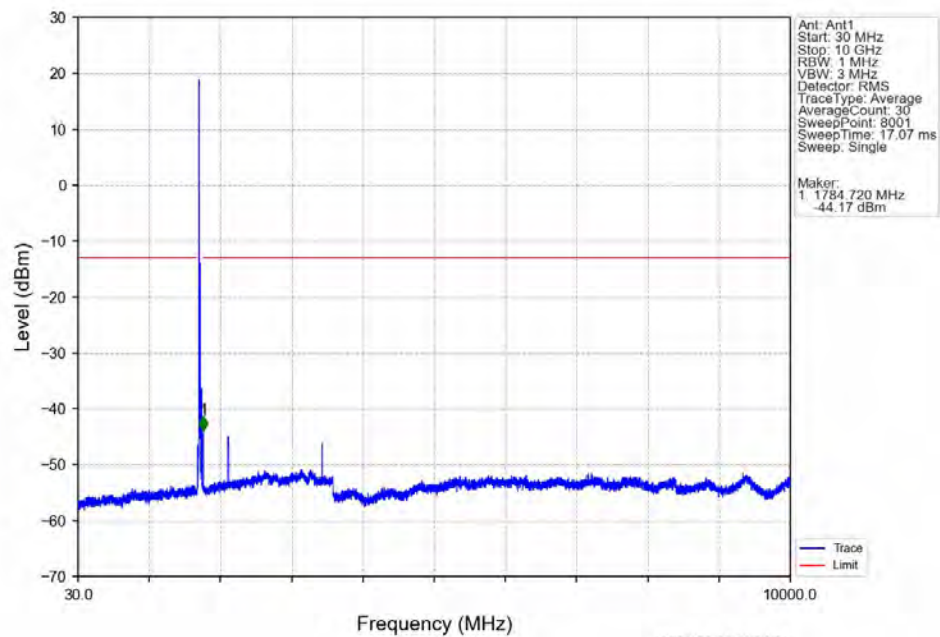


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

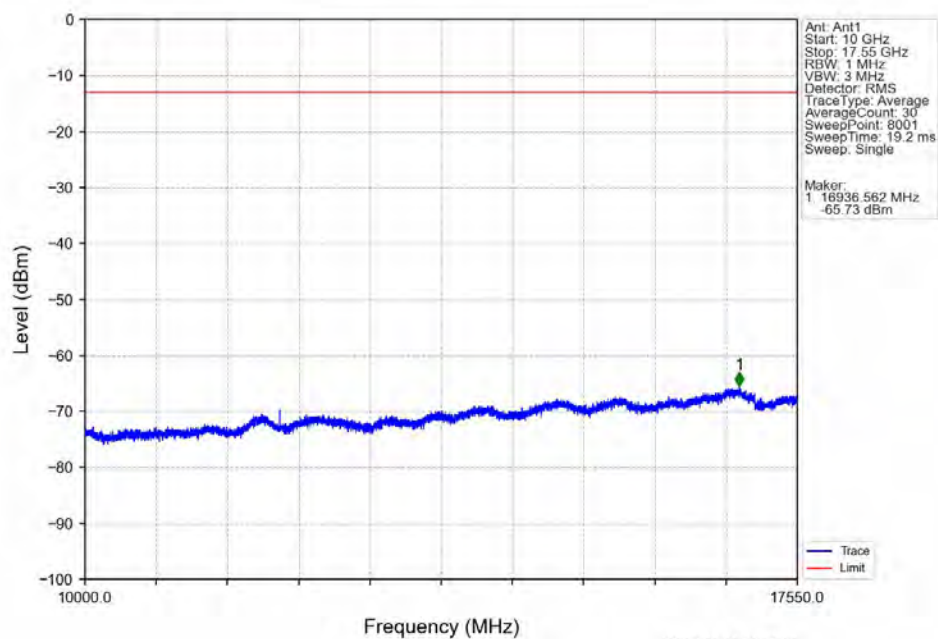


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-37.78	-13	Pass
1709	1710	0.22	/	2	1709.960	-40.60	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

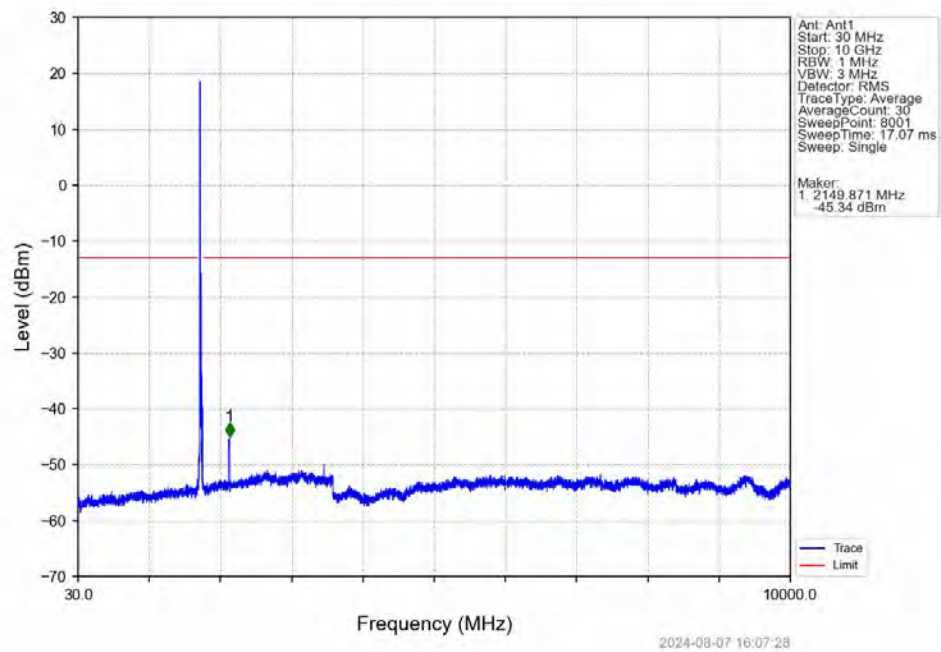
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



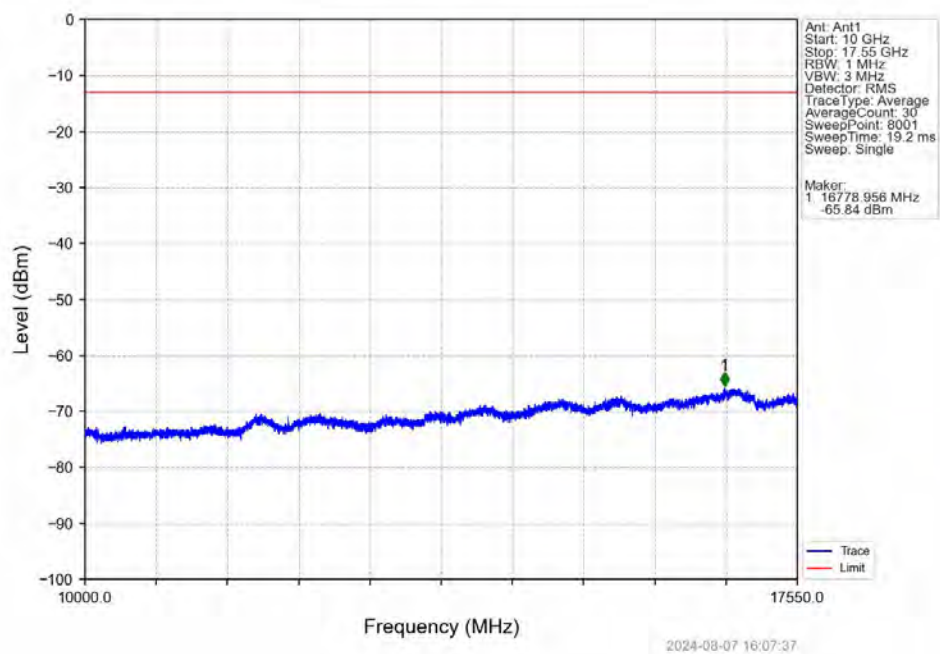
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



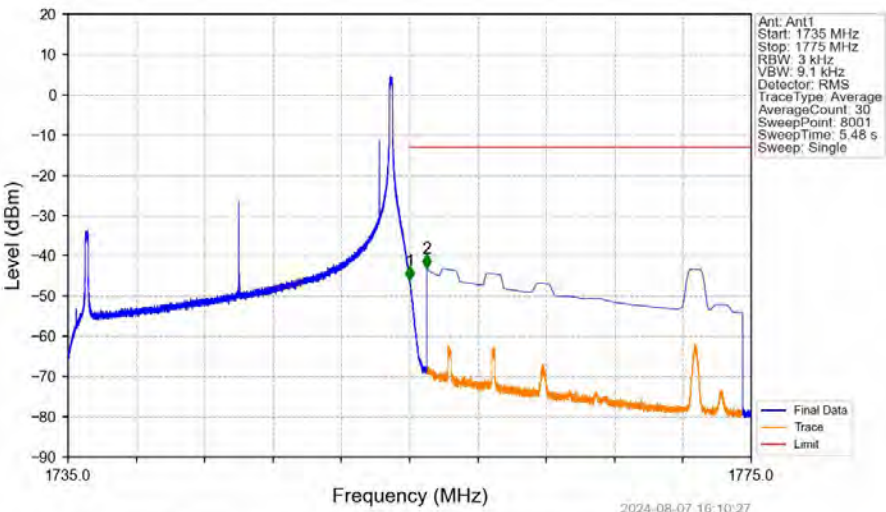
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

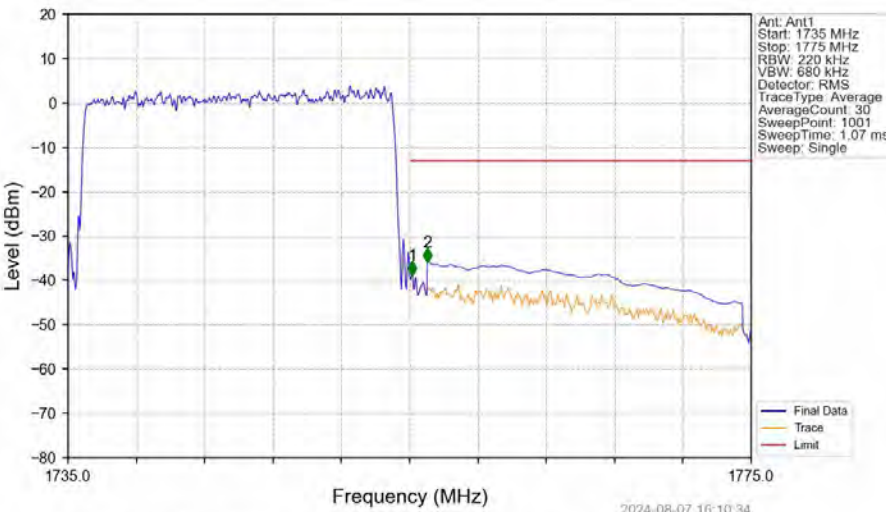


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-45.98	-13	Pass
1756	1775	1	CHP	2	1756.005	-43.05	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.160	-38.74	-13	Pass
1756	1775	1	CHP	2	1756.040	-35.83	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1563	0.0220	ppm	1M11G7D	27L	21.94
4	1.4	1710.7	1754.3	0.1387	0.0239	ppm	1M11W7D	27L	21.42
4	3	1711.5	1753.5	0.1531	0.0235	ppm	2M76G7D	27L	21.85
4	3	1711.5	1753.5	0.1432	0.0238	ppm	2M77W7D	27L	21.56
4	5	1712.5	1752.5	0.1521	0.0209	ppm	4M58G7D	27L	21.82
4	5	1712.5	1752.5	0.1413	0.0208	ppm	4M57W7D	27L	21.50
4	10	1715	1750	0.1521	0.0246	ppm	9M06G7D	27L	21.82
4	10	1715	1750	0.1585	0.0240	ppm	9M06W7D	27L	22.00
4	15	1717.5	1747.5	0.1507	0.0224	ppm	13M6G7D	27L	21.78
4	15	1717.5	1747.5	0.1589	0.0248	ppm	13M6W7D	27L	22.01
4	20	1720	1745	0.1528	0.0218	ppm	18M2G7D	27L	21.84
4	20	1720	1745	0.1633	0.0231	ppm	18M1W7D	27L	22.13

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1995	0.0220	ppm	1M11G7D	27L	23.00
4	1.4	1710.7	1754.3	0.1770	0.0239	ppm	1M11W7D	27L	22.48
4	3	1711.5	1753.5	0.1954	0.0235	ppm	2M76G7D	27L	22.91
4	3	1711.5	1753.5	0.1828	0.0238	ppm	2M77W7D	27L	22.62
4	5	1712.5	1752.5	0.1941	0.0209	ppm	4M58G7D	27L	22.88
4	5	1712.5	1752.5	0.1803	0.0208	ppm	4M57W7D	27L	22.56
4	10	1715	1750	0.1941	0.0246	ppm	9M06G7D	27L	22.88
4	10	1715	1750	0.2023	0.0240	ppm	9M06W7D	27L	23.06
4	15	1717.5	1747.5	0.1923	0.0224	ppm	13M6G7D	27L	22.84
4	15	1717.5	1747.5	0.2028	0.0248	ppm	13M6W7D	27L	23.07
4	20	1720	1745	0.1950	0.0218	ppm	18M2G7D	27L	22.90
4	20	1720	1745	0.2084	0.0231	ppm	18M1W7D	27L	23.19