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	21.30	0.67	21.97	<=30	Pass
			2	21.38	0.67	22.05	<=30	Pass
			5	21.28	0.67	21.95	<=30	Pass
		3	0	21.42	0.67	22.09	<=30	Pass
			2	21.31	0.67	21.98	<=30	Pass
			3	21.27	0.67	21.94	<=30	Pass
		6	0	20.81	0.67	21.48	<=30	Pass
	1732.5	1	0	21.25	0.67	21.92	<=30	Pass
			2	21.38	0.67	22.05	<=30	Pass
			5	21.39	0.67	22.06	<=30	Pass
		3	0	21.29	0.67	21.96	<=30	Pass
			2	21.34	0.67	22.01	<=30	Pass
			3	21.27	0.67	21.94	<=30	Pass
		6	0	20.83	0.67	21.50	<=30	Pass
	1754.3	1	0	21.75	0.67	22.42	<=30	Pass
			2	21.73	0.67	22.40	<=30	Pass
			5	21.72	0.67	22.39	<=30	Pass
		3	0	21.69	0.67	22.36	<=30	Pass
			2	21.73	0.67	22.40	<=30	Pass
			3	21.73	0.67	22.40	<=30	Pass
		6	0	21.11	0.67	21.78	<=30	Pass
16QAM	1710.7	1	0	20.37	0.67	21.04	<=30	Pass
			2	20.38	0.67	21.05	<=30	Pass
			5	20.35	0.67	21.02	<=30	Pass
		3	0	20.74	0.67	21.41	<=30	Pass
			2	20.71	0.67	21.38	<=30	Pass
			3	20.71	0.67	21.38	<=30	Pass
		6	0	19.92	0.67	20.59	<=30	Pass
	1732.5	1	0	21.00	0.67	21.67	<=30	Pass
			2	21.06	0.67	21.73	<=30	Pass
			5	21.11	0.67	21.78	<=30	Pass
		3	0	21.07	0.67	21.74	<=30	Pass
			2	21.00	0.67	21.67	<=30	Pass
			3	21.07	0.67	21.74	<=30	Pass
		6	0	20.01	0.67	20.68	<=30	Pass
	1754.3	1	0	21.52	0.67	22.19	<=30	Pass
			2	21.48	0.67	22.15	<=30	Pass
			5	21.51	0.67	22.18	<=30	Pass
		3	0	20.89	0.67	21.56	<=30	Pass
			2	20.91	0.67	21.58	<=30	Pass
			3	20.83	0.67	21.50	<=30	Pass
		6	0	20.29	0.67	20.96	<=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	21.21	0.67	21.88	<=30	Pass
			7	21.20	0.67	21.87	<=30	Pass
			14	21.15	0.67	21.82	<=30	Pass
		8	0	20.83	0.67	21.50	<=30	Pass
			4	20.81	0.67	21.48	<=30	Pass
			7	20.72	0.67	21.39	<=30	Pass
		15	0	20.77	0.67	21.44	<=30	Pass
	1732.5	1	0	21.12	0.67	21.79	<=30	Pass
			7	21.15	0.67	21.82	<=30	Pass
			14	21.20	0.67	21.87	<=30	Pass
		8	0	20.68	0.67	21.35	<=30	Pass
			4	20.73	0.67	21.40	<=30	Pass
			7	20.80	0.67	21.47	<=30	Pass
		15	0	20.79	0.67	21.46	<=30	Pass
	1753.5	1	0	21.54	0.67	22.21	<=30	Pass
			7	21.58	0.67	22.25	<=30	Pass
			14	21.61	0.67	22.28	<=30	Pass
		8	0	21.18	0.67	21.85	<=30	Pass
			4	21.20	0.67	21.87	<=30	Pass
			7	21.18	0.67	21.85	<=30	Pass
		15	0	21.19	0.67	21.86	<=30	Pass
16QAM	1711.5	1	0	21.05	0.67	21.72	<=30	Pass
			7	21.05	0.67	21.72	<=30	Pass
			14	20.88	0.67	21.55	<=30	Pass
		8	0	20.02	0.67	20.69	<=30	Pass
			4	20.05	0.67	20.72	<=30	Pass
			7	20.01	0.67	20.68	<=30	Pass
		15	0	19.90	0.67	20.57	<=30	Pass
	1732.5	1	0	20.56	0.67	21.23	<=30	Pass
			7	20.59	0.67	21.26	<=30	Pass
			14	20.61	0.67	21.28	<=30	Pass
		8	0	19.99	0.67	20.66	<=30	Pass
			4	20.07	0.67	20.74	<=30	Pass
			7	20.05	0.67	20.72	<=30	Pass
		15	0	19.91	0.67	20.58	<=30	Pass
	1753.5	1	0	21.83	0.67	22.50	<=30	Pass
			7	21.86	0.67	22.53	<=30	Pass
			14	21.89	0.67	22.56	<=30	Pass
		8	0	20.29	0.67	20.96	<=30	Pass
			4	20.32	0.67	20.99	<=30	Pass
			7	20.27	0.67	20.94	<=30	Pass
		15	0	20.22	0.67	20.89	<=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	21.38	0.67	22.05	<=30	Pass
			13	21.29	0.67	21.96	<=30	Pass
			24	21.29	0.67	21.96	<=30	Pass
		12	0	20.89	0.67	21.56	<=30	Pass
			6	20.78	0.67	21.45	<=30	Pass
			13	20.67	0.67	21.34	<=30	Pass

		25	0	20.78	0.67	21.45	<=30	Pass
	1732.5	1	0	21.23	0.67	21.90	<=30	Pass
			13	21.27	0.67	21.94	<=30	Pass
			24	21.23	0.67	21.90	<=30	Pass
		12	0	20.77	0.67	21.44	<=30	Pass
			6	20.82	0.67	21.49	<=30	Pass
			13	20.81	0.67	21.48	<=30	Pass
		25	0	20.75	0.67	21.42	<=30	Pass
	1752.5	1	0	21.35	0.67	22.02	<=30	Pass
			13	21.41	0.67	22.08	<=30	Pass
			24	21.42	0.67	22.09	<=30	Pass
		12	0	21.10	0.67	21.77	<=30	Pass
			6	21.09	0.67	21.76	<=30	Pass
			13	21.09	0.67	21.76	<=30	Pass
		25	0	21.12	0.67	21.79	<=30	Pass
16QAM	1712.5	1	0	20.89	0.67	21.56	<=30	Pass
			13	20.76	0.67	21.43	<=30	Pass
			24	20.68	0.67	21.35	<=30	Pass
		12	0	19.74	0.67	20.41	<=30	Pass
			6	19.75	0.67	20.42	<=30	Pass
			13	19.72	0.67	20.39	<=30	Pass
		25	0	19.80	0.67	20.47	<=30	Pass
	1732.5	1	0	19.96	0.67	20.63	<=30	Pass
			13	20.03	0.67	20.70	<=30	Pass
			24	20.01	0.67	20.68	<=30	Pass
		12	0	19.79	0.67	20.46	<=30	Pass
			6	19.79	0.67	20.46	<=30	Pass
			13	19.85	0.67	20.52	<=30	Pass
		25	0	19.89	0.67	20.56	<=30	Pass
	1752.5	1	0	21.12	0.67	21.79	<=30	Pass
			13	21.15	0.67	21.82	<=30	Pass
			24	21.18	0.67	21.85	<=30	Pass
		12	0	20.13	0.67	20.80	<=30	Pass
			6	20.17	0.67	20.84	<=30	Pass
			13	20.14	0.67	20.81	<=30	Pass
		25	0	20.24	0.67	20.91	<=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	21.42	0.67	22.09	<=30	Pass
			25	21.24	0.67	21.91	<=30	Pass
			49	21.23	0.67	21.90	<=30	Pass
		25	0	20.76	0.67	21.43	<=30	Pass
			13	20.77	0.67	21.44	<=30	Pass
			25	20.61	0.67	21.28	<=30	Pass
		50	0	20.78	0.67	21.45	<=30	Pass
	1732.5	1	0	21.16	0.67	21.83	<=30	Pass
			25	21.21	0.67	21.88	<=30	Pass
			49	21.27	0.67	21.94	<=30	Pass
		25	0	20.76	0.67	21.43	<=30	Pass
			13	20.87	0.67	21.54	<=30	Pass
			25	20.77	0.67	21.44	<=30	Pass
		50	0	20.87	0.67	21.54	<=30	Pass

	1750	1	0	21.62	0.67	22.29	<=30	Pass
			25	21.70	0.67	22.37	<=30	Pass
			49	21.80	0.67	22.47	<=30	Pass
		25	0	20.95	0.67	21.62	<=30	Pass
			13	21.16	0.67	21.83	<=30	Pass
			25	21.14	0.67	21.81	<=30	Pass
		50	0	21.01	0.67	21.68	<=30	Pass
16QAM	1715	1	0	21.01	0.67	21.68	<=30	Pass
			25	20.91	0.67	21.58	<=30	Pass
			49	20.93	0.67	21.60	<=30	Pass
		25	0	19.96	0.67	20.63	<=30	Pass
			13	19.92	0.67	20.59	<=30	Pass
			25	19.93	0.67	20.60	<=30	Pass
		50	0	19.85	0.67	20.52	<=30	Pass
	1732.5	1	0	20.95	0.67	21.62	<=30	Pass
			25	21.00	0.67	21.67	<=30	Pass
			49	21.10	0.67	21.77	<=30	Pass
		25	0	19.85	0.67	20.52	<=30	Pass
			13	19.87	0.67	20.54	<=30	Pass
			25	19.89	0.67	20.56	<=30	Pass
		50	0	19.88	0.67	20.55	<=30	Pass
	1750	1	0	20.57	0.67	21.24	<=30	Pass
			25	20.73	0.67	21.40	<=30	Pass
			49	20.77	0.67	21.44	<=30	Pass
		25	0	20.26	0.67	20.93	<=30	Pass
			13	20.27	0.67	20.94	<=30	Pass
			25	20.29	0.67	20.96	<=30	Pass
		50	0	20.18	0.67	20.85	<=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	21.25	0.67	21.92	<=30	Pass
			38	21.12	0.67	21.79	<=30	Pass
			74	21.13	0.67	21.80	<=30	Pass
		36	0	20.66	0.67	21.33	<=30	Pass
			18	20.71	0.67	21.38	<=30	Pass
			39	20.71	0.67	21.38	<=30	Pass
		75	0	20.68	0.67	21.35	<=30	Pass
	1732.5	1	0	21.04	0.67	21.71	<=30	Pass
			38	21.19	0.67	21.86	<=30	Pass
			74	21.23	0.67	21.90	<=30	Pass
		36	0	20.70	0.67	21.37	<=30	Pass
			18	20.72	0.67	21.39	<=30	Pass
			39	20.88	0.67	21.55	<=30	Pass
		75	0	20.76	0.67	21.43	<=30	Pass
	1747.5	1	0	21.38	0.67	22.05	<=30	Pass
			38	21.55	0.67	22.22	<=30	Pass
			74	21.65	0.67	22.32	<=30	Pass
		36	0	20.93	0.67	21.60	<=30	Pass
			18	21.08	0.67	21.75	<=30	Pass
			39	21.01	0.67	21.68	<=30	Pass
		75	0	20.90	0.67	21.57	<=30	Pass
16QAM	1717.5	1	0	21.28	0.67	21.95	<=30	Pass

			38	21.14	0.67	21.81	<=30	Pass
			74	21.14	0.67	21.81	<=30	Pass
		36	0	19.80	0.67	20.47	<=30	Pass
			18	19.80	0.67	20.47	<=30	Pass
			39	19.77	0.67	20.44	<=30	Pass
		75	0	19.79	0.67	20.46	<=30	Pass
	1732.5	1	0	20.85	0.67	21.52	<=30	Pass
			38	21.01	0.67	21.68	<=30	Pass
			74	21.04	0.67	21.71	<=30	Pass
		36	0	19.85	0.67	20.52	<=30	Pass
			18	19.91	0.67	20.58	<=30	Pass
			39	20.21	0.67	20.88	<=30	Pass
		75	0	19.81	0.67	20.48	<=30	Pass
	1747.5	1	0	21.44	0.67	22.11	<=30	Pass
			38	21.47	0.67	22.14	<=30	Pass
			74	21.73	0.67	22.40	<=30	Pass
		36	0	20.30	0.67	20.97	<=30	Pass
			18	20.11	0.67	20.78	<=30	Pass
			39	20.19	0.67	20.86	<=30	Pass
		75	0	20.10	0.67	20.77	<=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	21.24	0.67	21.91	<=30	Pass
			50	21.04	0.67	21.71	<=30	Pass
			99	21.16	0.67	21.83	<=30	Pass
		50	0	20.56	0.67	21.23	<=30	Pass
			25	20.55	0.67	21.22	<=30	Pass
			50	20.60	0.67	21.27	<=30	Pass
		100	0	20.60	0.67	21.27	<=30	Pass
	1732.5	1	0	21.21	0.67	21.88	<=30	Pass
			50	21.33	0.67	22.00	<=30	Pass
			99	21.47	0.67	22.14	<=30	Pass
		50	0	20.73	0.67	21.40	<=30	Pass
			25	20.70	0.67	21.37	<=30	Pass
			50	20.78	0.67	21.45	<=30	Pass
		100	0	20.69	0.67	21.36	<=30	Pass
	1745	1	0	21.33	0.67	22.00	<=30	Pass
			50	21.51	0.67	22.18	<=30	Pass
			99	21.63	0.67	22.30	<=30	Pass
		50	0	20.84	0.67	21.51	<=30	Pass
			25	20.96	0.67	21.63	<=30	Pass
			50	21.04	0.67	21.71	<=30	Pass
		100	0	20.86	0.67	21.53	<=30	Pass
16QAM	1720	1	0	20.81	0.67	21.48	<=30	Pass
			50	20.59	0.67	21.26	<=30	Pass
			99	20.77	0.67	21.44	<=30	Pass
		50	0	19.84	0.67	20.51	<=30	Pass
			25	19.77	0.67	20.44	<=30	Pass
			50	19.77	0.67	20.44	<=30	Pass
		100	0	19.78	0.67	20.45	<=30	Pass
	1732.5	1	0	21.38	0.67	22.05	<=30	Pass
			50	21.50	0.67	22.17	<=30	Pass

			99	21.73	0.67	22.40	<=30	Pass
		50	0	19.75	0.67	20.42	<=30	Pass
			25	19.83	0.67	20.50	<=30	Pass
			50	20.19	0.67	20.86	<=30	Pass
		100	0	19.94	0.67	20.61	<=30	Pass
	1745	1	0	20.71	0.67	21.38	<=30	Pass
			50	21.38	0.67	22.05	<=30	Pass
			99	21.63	0.67	22.30	<=30	Pass
		50	0	20.11	0.67	20.78	<=30	Pass
			25	20.43	0.67	21.10	<=30	Pass
			50	20.20	0.67	20.87	<=30	Pass
		100	0	20.23	0.67	20.90	<=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	-34.962	-0.0204	-2.5 to 2.5	Pass
					3.85	21.515	0.0126	-2.5 to 2.5	Pass
					4.43	11.201	0.0065	-2.5 to 2.5	Pass
				-30	3.85	36.263	0.0212	-2.5 to 2.5	Pass
				-20	3.85	29.511	0.0173	-2.5 to 2.5	Pass
				-10	3.85	32.773	0.0192	-2.5 to 2.5	Pass
				0	3.85	35.434	0.0207	-2.5 to 2.5	Pass
				10	3.85	27.223	0.0159	-2.5 to 2.5	Pass
				30	3.85	24.505	0.0143	-2.5 to 2.5	Pass
				40	3.85	15.750	0.0092	-2.5 to 2.5	Pass
				50	3.85	3.920	0.0023	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	6.924	0.0040	-2.5 to 2.5	Pass
					3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	2.732	0.0016	-2.5 to 2.5	Pass
				-10	3.85	8.397	0.0048	-2.5 to 2.5	Pass
				0	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.933	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	17.767	0.0101	-2.5 to 2.5	Pass
					3.85	6.809	0.0039	-2.5 to 2.5	Pass
					4.43	13.061	0.0074	-2.5 to 2.5	Pass
				-30	3.85	11.129	0.0063	-2.5 to 2.5	Pass
				-20	3.85	15.049	0.0086	-2.5 to 2.5	Pass
				-10	3.85	13.947	0.0080	-2.5 to 2.5	Pass
				0	3.85	19.612	0.0112	-2.5 to 2.5	Pass
				10	3.85	23.031	0.0131	-2.5 to 2.5	Pass
				30	3.85	20.013	0.0114	-2.5 to 2.5	Pass
				40	3.85	17.338	0.0099	-2.5 to 2.5	Pass
				50	3.85	16.565	0.0094	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-6.237	-0.0036	-2.5 to 2.5	Pass
					3.85	-25.606	-0.0150	-2.5 to 2.5	Pass
					4.43	-31.242	-0.0183	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-21.086	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-33.932	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-16.823	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-25.692	-0.0150	-2.5 to 2.5	Pass
				30	3.85	-33.288	-0.0195	-2.5 to 2.5	Pass
				40	3.85	-33.116	-0.0194	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.601	0.0003	-2.5 to 2.5	Pass
					3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
					4.43	-6.909	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-14.791	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-17.166	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-18.525	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-20.084	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-17.338	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-12.531	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-16.551	-0.0096	-2.5 to 2.5	Pass
				50	3.85	-15.421	-0.0089	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	15.993	0.0091	-2.5 to 2.5	Pass
					3.85	18.725	0.0107	-2.5 to 2.5	Pass
					4.43	17.724	0.0101	-2.5 to 2.5	Pass
				-30	3.85	24.033	0.0137	-2.5 to 2.5	Pass
				-20	3.85	20.041	0.0114	-2.5 to 2.5	Pass
				-10	3.85	26.021	0.0148	-2.5 to 2.5	Pass
				0	3.85	29.998	0.0171	-2.5 to 2.5	Pass
				10	3.85	35.319	0.0201	-2.5 to 2.5	Pass
				30	3.85	37.708	0.0215	-2.5 to 2.5	Pass
				40	3.85	37.322	0.0213	-2.5 to 2.5	Pass
				50	3.85	44.117	0.0251	-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	2.017	0.0012	-2.5 to 2.5	Pass
					3.85	-32.887	-0.0192	-2.5 to 2.5	Pass
					4.43	-12.932	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-30.570	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	-29.655	-0.0173	-2.5 to 2.5	Pass
				0	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-15.306	-0.0089	-2.5 to 2.5	Pass
				30	3.85	-27.823	-0.0163	-2.5 to 2.5	Pass
				40	3.85	-41.041	-0.0240	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	27.537	0.0159	-2.5 to 2.5	Pass
					3.85	18.497	0.0107	-2.5 to 2.5	Pass
					4.43	11.745	0.0068	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass

				10	3.85	-17.567	-0.0101	-2.5 to 2.5	Pass
				30	3.85	-17.452	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-20.785	-0.0120	-2.5 to 2.5	Pass
				50	3.85	-18.754	-0.0108	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-11.172	-0.0064	-2.5 to 2.5	Pass
					3.85	-25.578	-0.0146	-2.5 to 2.5	Pass
					4.43	13.347	0.0076	-2.5 to 2.5	Pass
				-30	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-10.071	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-11.230	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-16.136	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-17.037	-0.0097	-2.5 to 2.5	Pass
				50	3.85	-16.050	-0.0092	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-6.609	-0.0039	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
					4.43	7.868	0.0046	-2.5 to 2.5	Pass
				-30	3.85	6.351	0.0037	-2.5 to 2.5	Pass
				-20	3.85	5.980	0.0035	-2.5 to 2.5	Pass
				-10	3.85	11.144	0.0065	-2.5 to 2.5	Pass
				0	3.85	13.061	0.0076	-2.5 to 2.5	Pass
				10	3.85	11.673	0.0068	-2.5 to 2.5	Pass
				30	3.85	18.168	0.0106	-2.5 to 2.5	Pass
				40	3.85	22.531	0.0132	-2.5 to 2.5	Pass
				50	3.85	27.094	0.0158	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-24.419	-0.0141	-2.5 to 2.5	Pass
					3.85	-20.671	-0.0119	-2.5 to 2.5	Pass
					4.43	-11.988	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				-10	3.85	12.703	0.0073	-2.5 to 2.5	Pass
				0	3.85	15.607	0.0090	-2.5 to 2.5	Pass
				10	3.85	18.768	0.0108	-2.5 to 2.5	Pass
				30	3.85	22.845	0.0132	-2.5 to 2.5	Pass
				40	3.85	20.413	0.0118	-2.5 to 2.5	Pass
				50	3.85	28.596	0.0165	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-19.484	-0.0111	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0041	-2.5 to 2.5	Pass
					4.43	2.303	0.0013	-2.5 to 2.5	Pass
				-30	3.85	8.597	0.0049	-2.5 to 2.5	Pass
				-20	3.85	16.136	0.0092	-2.5 to 2.5	Pass
				-10	3.85	16.737	0.0095	-2.5 to 2.5	Pass
				0	3.85	20.671	0.0118	-2.5 to 2.5	Pass
				10	3.85	24.076	0.0137	-2.5 to 2.5	Pass
				30	3.85	29.683	0.0169	-2.5 to 2.5	Pass
				40	3.85	33.960	0.0194	-2.5 to 2.5	Pass
				50	3.85	-11.158	-0.0064	-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	-12.774	-0.0075	-2.5 to 2.5	Pass
					3.85	-16.522	-0.0096	-2.5 to 2.5	Pass
					4.43	-24.061	-0.0141	-2.5 to 2.5	Pass

				-30	3.85	-16.694	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-36.793	-0.0215	-2.5 to 2.5	Pass
				-10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				0	3.85	4.191	0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-22.902	-0.0134	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-17.152	-0.0100	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	28.381	0.0164	-2.5 to 2.5	Pass
					3.85	12.674	0.0073	-2.5 to 2.5	Pass
					4.43	-3.490	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-16.909	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-26.608	-0.0154	-2.5 to 2.5	Pass
				-10	3.85	-38.581	-0.0223	-2.5 to 2.5	Pass
				0	3.85	3.848	0.0022	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-12.345	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	3.290	0.0019	-2.5 to 2.5	Pass
					3.85	-12.832	-0.0073	-2.5 to 2.5	Pass
					4.43	-30.398	-0.0173	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-14.963	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-25.592	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-30.284	-0.0173	-2.5 to 2.5	Pass
				10	3.85	-33.073	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-38.381	-0.0219	-2.5 to 2.5	Pass
				40	3.85	-38.366	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-36.721	-0.0210	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-21.572	-0.0126	-2.5 to 2.5	Pass
					3.85	-15.607	-0.0091	-2.5 to 2.5	Pass
					4.43	-11.101	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-0.844	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				30	3.85	4.864	0.0028	-2.5 to 2.5	Pass
				40	3.85	6.523	0.0038	-2.5 to 2.5	Pass
				50	3.85	4.263	0.0025	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-15.936	-0.0092	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.43	5.808	0.0034	-2.5 to 2.5	Pass
				-30	3.85	17.767	0.0103	-2.5 to 2.5	Pass
				-20	3.85	30.355	0.0175	-2.5 to 2.5	Pass
				-10	3.85	38.252	0.0221	-2.5 to 2.5	Pass
				0	3.85	40.026	0.0231	-2.5 to 2.5	Pass
				10	3.85	45.190	0.0261	-2.5 to 2.5	Pass
				30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				50	3.85	4.106	0.0024	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-11.330	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
					4.43	7.138	0.0041	-2.5 to 2.5	Pass
				-30	3.85	14.448	0.0082	-2.5 to 2.5	Pass
				-20	3.85	18.826	0.0107	-2.5 to 2.5	Pass
				-10	3.85	27.194	0.0155	-2.5 to 2.5	Pass
				0	3.85	9.012	0.0051	-2.5 to 2.5	Pass

				10	3.85	13.318	0.0076	-2.5 to 2.5	Pass
				30	3.85	13.347	0.0076	-2.5 to 2.5	Pass
				40	3.85	17.896	0.0102	-2.5 to 2.5	Pass
				50	3.85	22.001	0.0126	-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	-13.404	-0.0078	-2.5 to 2.5	Pass
					3.85	-34.146	-0.0199	-2.5 to 2.5	Pass
					4.43	-24.819	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-34.146	-0.0199	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-20.313	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-27.437	-0.0160	-2.5 to 2.5	Pass
				30	3.85	-20.413	-0.0119	-2.5 to 2.5	Pass
				40	3.85	6.237	0.0036	-2.5 to 2.5	Pass
				50	3.85	-16.823	-0.0098	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	2.604	0.0015	-2.5 to 2.5	Pass
					3.85	-14.963	-0.0086	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-26.708	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-34.976	-0.0202	-2.5 to 2.5	Pass
				-10	3.85	-16.923	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-29.111	-0.0168	-2.5 to 2.5	Pass
				10	3.85	-37.107	-0.0214	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.565	-0.0032	-2.5 to 2.5	Pass
					3.85	-22.373	-0.0128	-2.5 to 2.5	Pass
					4.43	-30.942	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-34.833	-0.0199	-2.5 to 2.5	Pass
				-20	3.85	-48.809	-0.0279	-2.5 to 2.5	Pass
				-10	3.85	-10.500	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-18.253	-0.0104	-2.5 to 2.5	Pass
				10	3.85	22.202	0.0127	-2.5 to 2.5	Pass
				30	3.85	13.590	0.0078	-2.5 to 2.5	Pass
				40	3.85	5.951	0.0034	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0013	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-26.021	-0.0152	-2.5 to 2.5	Pass
					3.85	-16.680	-0.0097	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				-20	3.85	4.964	0.0029	-2.5 to 2.5	Pass
				-10	3.85	8.483	0.0049	-2.5 to 2.5	Pass
				0	3.85	18.110	0.0106	-2.5 to 2.5	Pass
				10	3.85	15.965	0.0093	-2.5 to 2.5	Pass
				30	3.85	7.839	0.0046	-2.5 to 2.5	Pass
				40	3.85	15.292	0.0089	-2.5 to 2.5	Pass
				50	3.85	12.875	0.0075	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-12.488	-0.0072	-2.5 to 2.5	Pass
					3.85	2.160	0.0012	-2.5 to 2.5	Pass
					4.43	16.580	0.0096	-2.5 to 2.5	Pass

				-30	3.85	26.622	0.0154	-2.5 to 2.5	Pass
				-20	3.85	4.592	0.0027	-2.5 to 2.5	Pass
				-10	3.85	9.298	0.0054	-2.5 to 2.5	Pass
				0	3.85	12.531	0.0072	-2.5 to 2.5	Pass
				10	3.85	18.053	0.0104	-2.5 to 2.5	Pass
				30	3.85	21.057	0.0122	-2.5 to 2.5	Pass
				40	3.85	26.894	0.0155	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	0.114	0.0001	-2.5 to 2.5	Pass
					3.85	20.828	0.0119	-2.5 to 2.5	Pass
					4.43	33.674	0.0192	-2.5 to 2.5	Pass
				-30	3.85	-9.198	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.579	0.0032	-2.5 to 2.5	Pass
				0	3.85	5.965	0.0034	-2.5 to 2.5	Pass
				10	3.85	12.932	0.0074	-2.5 to 2.5	Pass
				30	3.85	20.442	0.0117	-2.5 to 2.5	Pass
				40	3.85	22.159	0.0127	-2.5 to 2.5	Pass
				50	3.85	11.945	0.0068	-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	-24.691	-0.0144	-2.5 to 2.5	Pass
					3.85	-6.294	-0.0037	-2.5 to 2.5	Pass
					4.43	-24.104	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-18.482	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-19.784	-0.0115	-2.5 to 2.5	Pass
				-10	3.85	-14.334	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-31.872	-0.0186	-2.5 to 2.5	Pass
				10	3.85	-25.191	-0.0147	-2.5 to 2.5	Pass
				30	3.85	-25.206	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-11.988	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-22.759	-0.0133	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	22.802	0.0132	-2.5 to 2.5	Pass
					3.85	5.507	0.0032	-2.5 to 2.5	Pass
					4.43	-19.226	-0.0111	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-11.101	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-26.450	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-35.720	-0.0206	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-9.527	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-15.006	-0.0087	-2.5 to 2.5	Pass
				50	3.85	-22.345	-0.0129	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	16.108	0.0092	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
					4.43	-15.078	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-26.865	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-30.928	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-37.923	-0.0217	-2.5 to 2.5	Pass
				0	3.85	-35.348	-0.0202	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-13.232	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-13.361	-0.0076	-2.5 to 2.5	Pass

				50	3.85	-19.670	-0.0113	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-17.781	-0.0104	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
					4.43	-11.001	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-8.984	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-7.682	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-12.732	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-13.633	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-14.834	-0.0086	-2.5 to 2.5	Pass
				40	3.85	-17.180	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-25.105	-0.0146	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-23.031	-0.0133	-2.5 to 2.5	Pass
					3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	2.961	0.0017	-2.5 to 2.5	Pass
				-10	3.85	6.866	0.0040	-2.5 to 2.5	Pass
				0	3.85	7.868	0.0045	-2.5 to 2.5	Pass
				10	3.85	7.224	0.0042	-2.5 to 2.5	Pass
				30	3.85	9.556	0.0055	-2.5 to 2.5	Pass
				40	3.85	12.960	0.0075	-2.5 to 2.5	Pass
				50	3.85	10.400	0.0060	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-18.082	-0.0103	-2.5 to 2.5	Pass
					3.85	-11.244	-0.0064	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				-20	3.85	8.712	0.0050	-2.5 to 2.5	Pass
				-10	3.85	12.646	0.0072	-2.5 to 2.5	Pass
				0	3.85	14.563	0.0083	-2.5 to 2.5	Pass
				10	3.85	11.158	0.0064	-2.5 to 2.5	Pass
				30	3.85	14.706	0.0084	-2.5 to 2.5	Pass
				40	3.85	16.022	0.0092	-2.5 to 2.5	Pass
				50	3.85	15.492	0.0089	-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	-17.080	-0.0099	-2.5 to 2.5	Pass
					3.85	-18.239	-0.0106	-2.5 to 2.5	Pass
					4.43	-29.225	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-33.817	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-16.422	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	8.025	0.0047	-2.5 to 2.5	Pass
				0	3.85	-14.305	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-28.911	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-14.019	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-25.921	-0.0151	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	22.788	0.0132	-2.5 to 2.5	Pass
					3.85	2.017	0.0012	-2.5 to 2.5	Pass
					4.43	-10.629	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-19.283	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-24.004	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-30.227	-0.0174	-2.5 to 2.5	Pass

				0	3.85	-33.274	-0.0192	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-13.762	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-16.122	-0.0093	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	22.860	0.0131	-2.5 to 2.5	Pass
					3.85	4.392	0.0025	-2.5 to 2.5	Pass
					4.43	-6.824	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-10.629	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-12.946	-0.0074	-2.5 to 2.5	Pass
				-10	3.85	-23.603	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-26.479	-0.0152	-2.5 to 2.5	Pass
				10	3.85	-29.941	-0.0172	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	4.034	0.0023	-2.5 to 2.5	Pass
					3.85	6.495	0.0038	-2.5 to 2.5	Pass
					4.43	10.071	0.0059	-2.5 to 2.5	Pass
				-30	3.85	16.007	0.0093	-2.5 to 2.5	Pass
				-20	3.85	15.521	0.0090	-2.5 to 2.5	Pass
				-10	3.85	19.670	0.0114	-2.5 to 2.5	Pass
				0	3.85	22.988	0.0134	-2.5 to 2.5	Pass
				10	3.85	20.142	0.0117	-2.5 to 2.5	Pass
				30	3.85	18.897	0.0110	-2.5 to 2.5	Pass
				40	3.85	17.238	0.0100	-2.5 to 2.5	Pass
				50	3.85	14.763	0.0086	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-13.347	-0.0077	-2.5 to 2.5	Pass
					3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				-20	3.85	5.908	0.0034	-2.5 to 2.5	Pass
				-10	3.85	11.415	0.0066	-2.5 to 2.5	Pass
				0	3.85	13.704	0.0079	-2.5 to 2.5	Pass
				10	3.85	7.439	0.0043	-2.5 to 2.5	Pass
				30	3.85	11.916	0.0069	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0084	-2.5 to 2.5	Pass
				50	3.85	19.183	0.0111	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-5.465	-0.0031	-2.5 to 2.5	Pass
					3.85	3.505	0.0020	-2.5 to 2.5	Pass
					4.43	6.537	0.0037	-2.5 to 2.5	Pass
				-30	3.85	13.189	0.0076	-2.5 to 2.5	Pass
				-20	3.85	11.673	0.0067	-2.5 to 2.5	Pass
				-10	3.85	11.687	0.0067	-2.5 to 2.5	Pass
				0	3.85	16.179	0.0093	-2.5 to 2.5	Pass
				10	3.85	12.846	0.0074	-2.5 to 2.5	Pass
				30	3.85	18.969	0.0109	-2.5 to 2.5	Pass
				40	3.85	20.170	0.0116	-2.5 to 2.5	Pass
				50	3.85	19.083	0.0109	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
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 / NTNV						
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 / NTNV						
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 / NTNV						
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

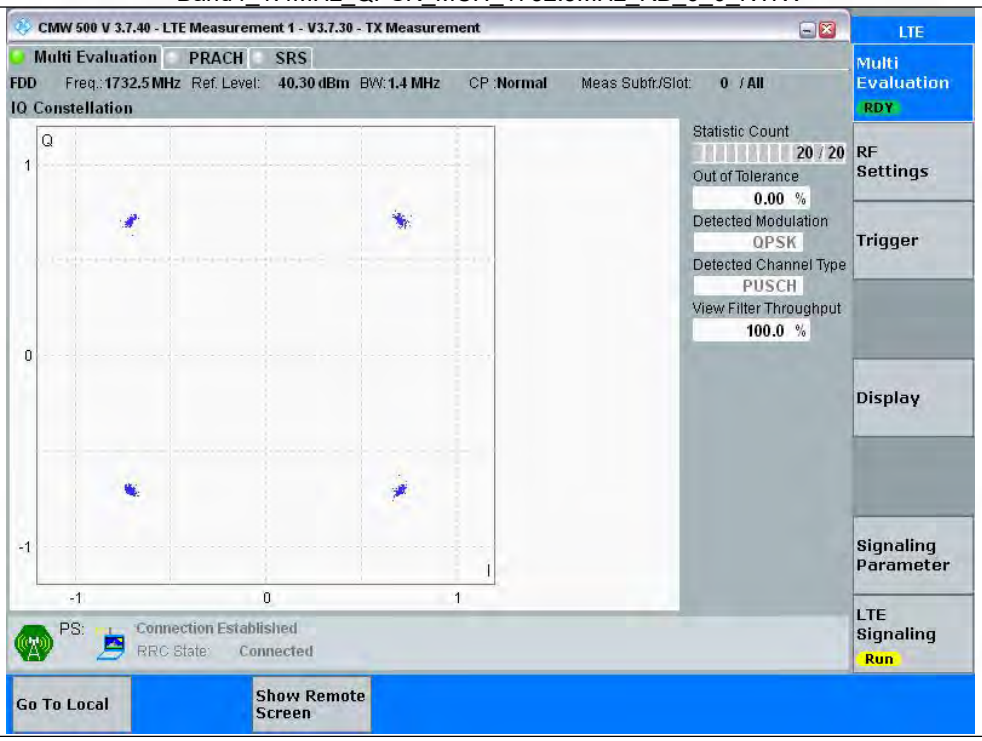
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
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

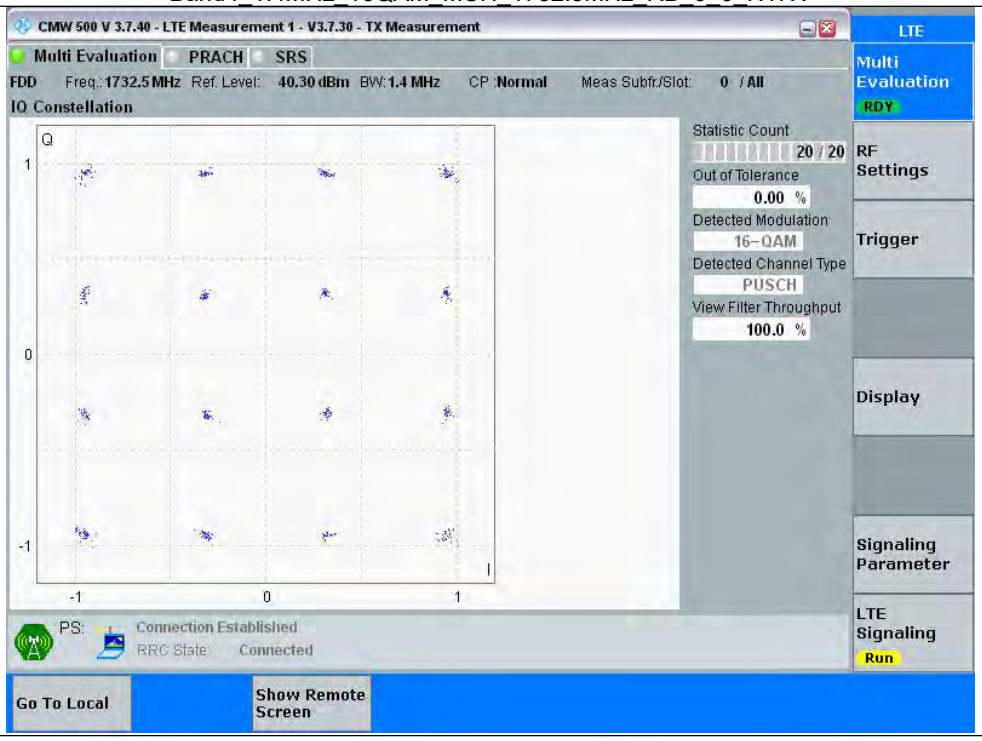
3.2 Test Graph

3.2.1 B4_1.4MHz

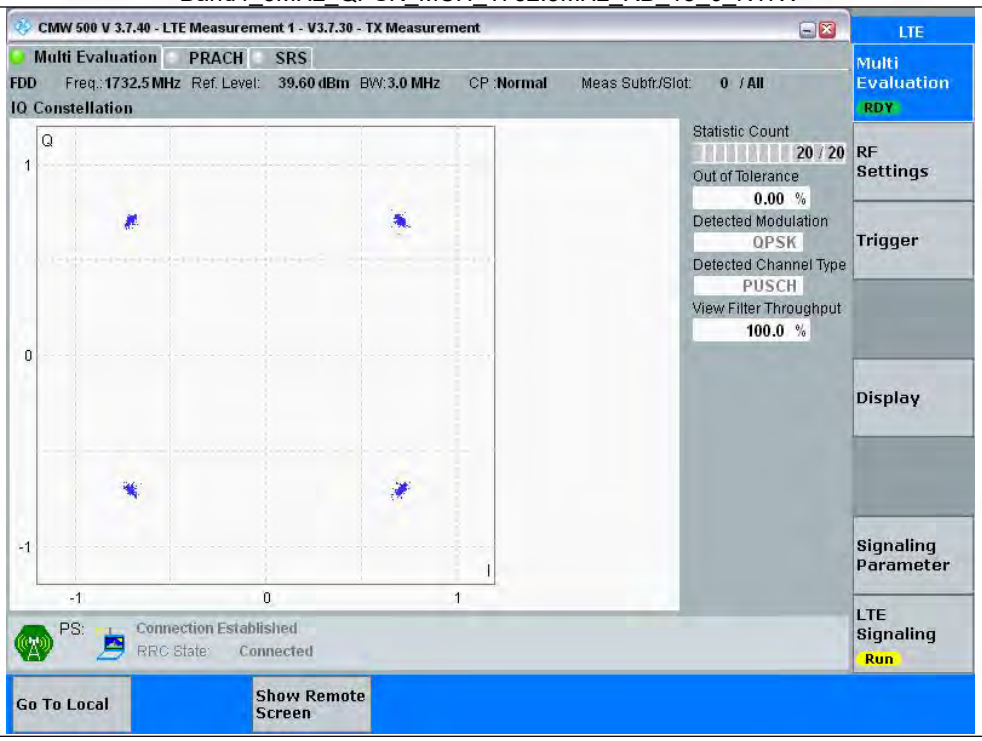
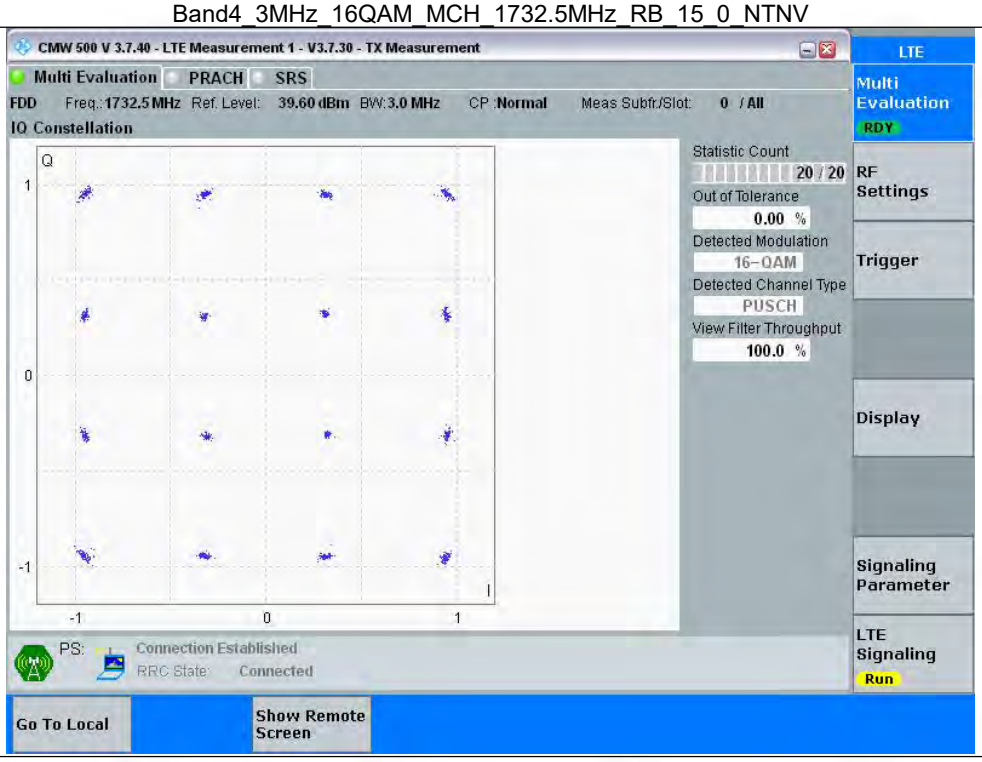
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



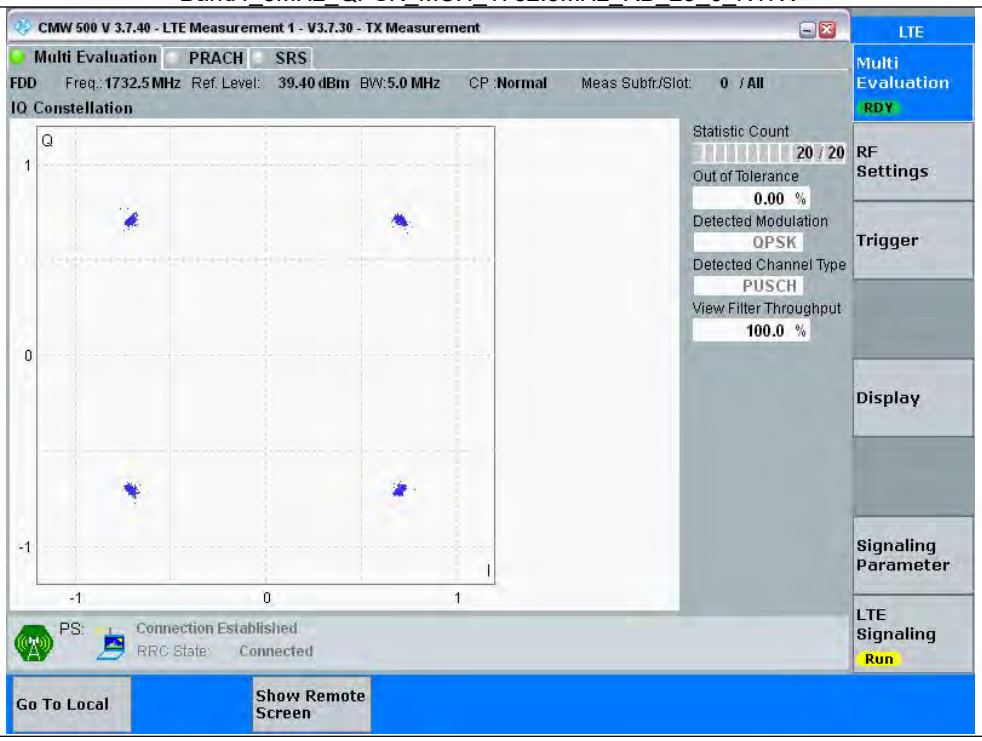
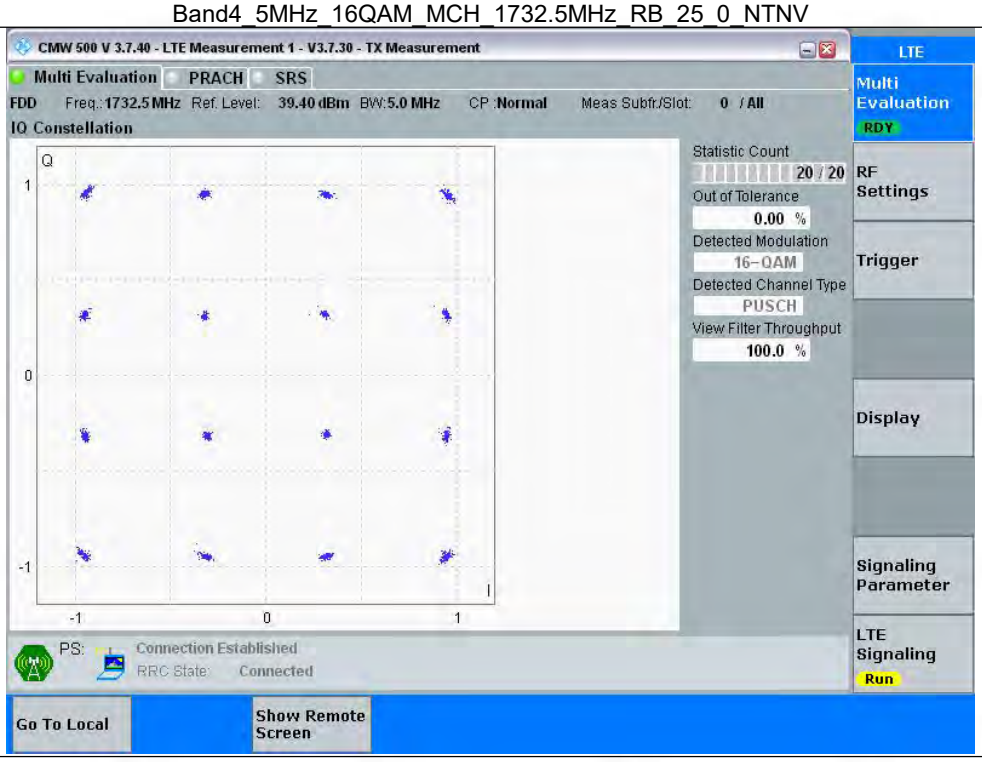
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



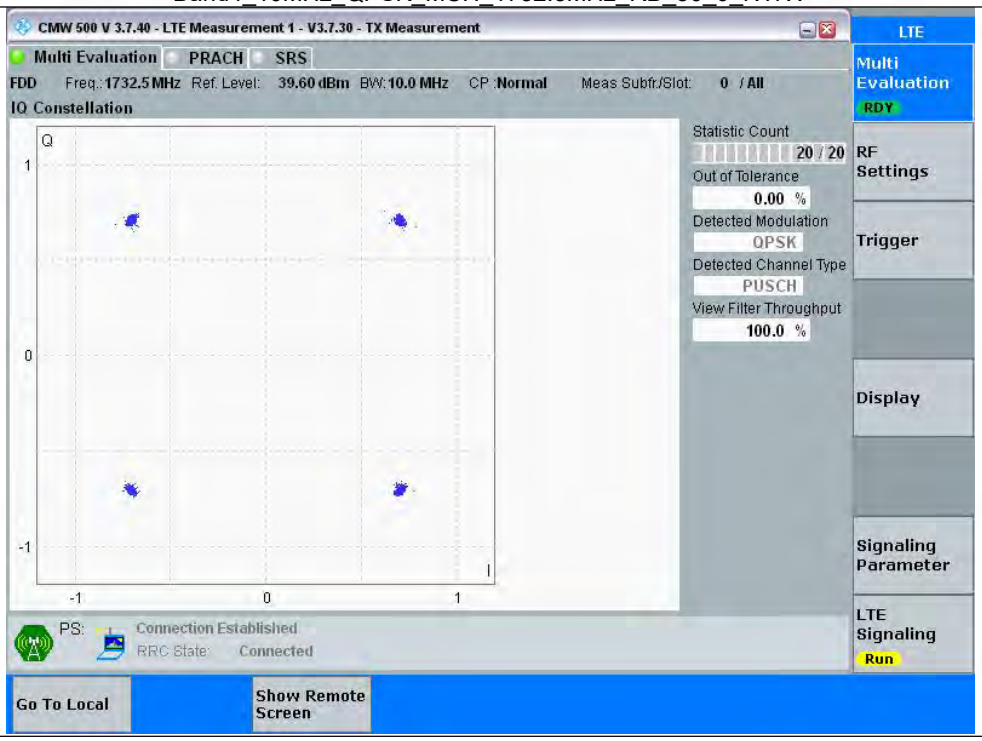
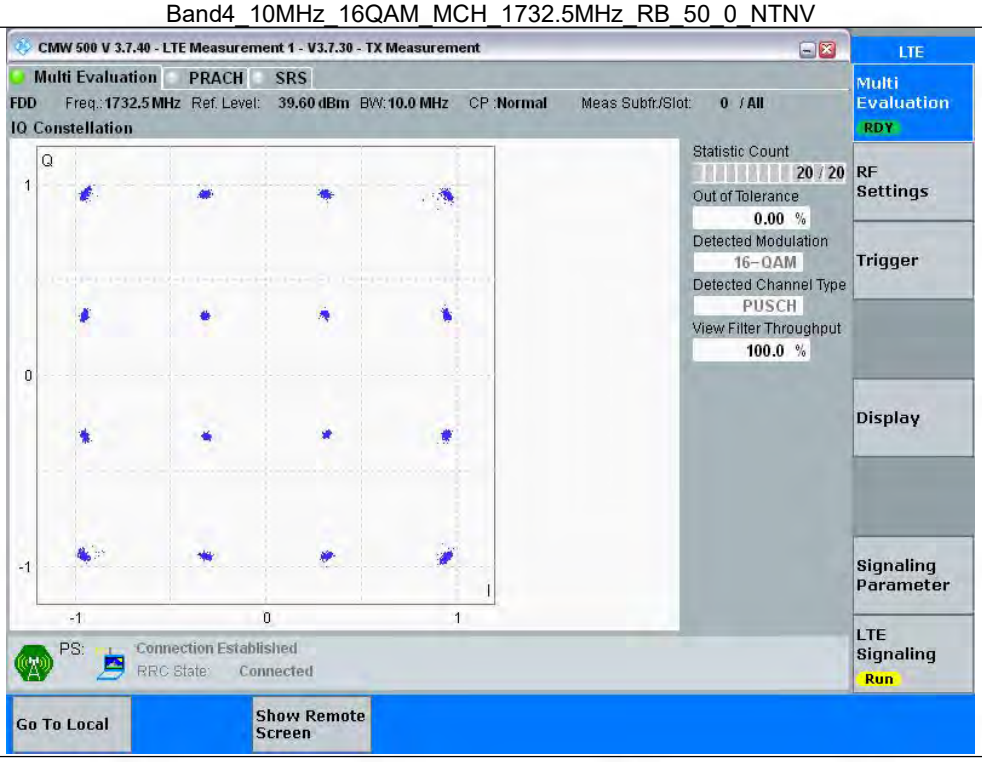
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


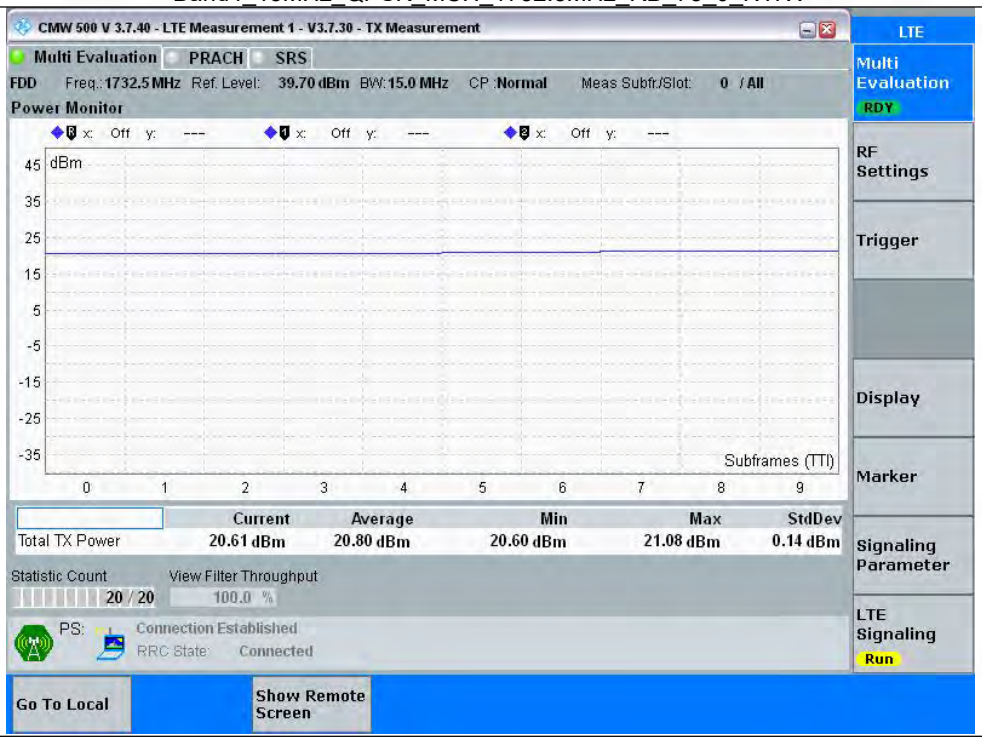
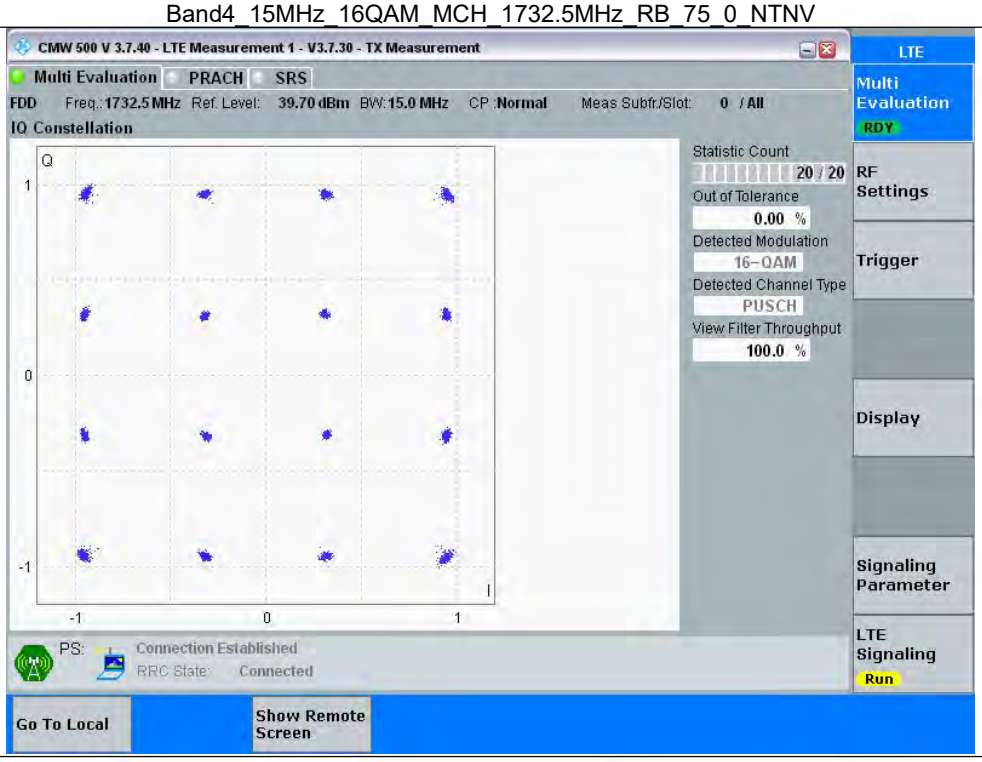
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


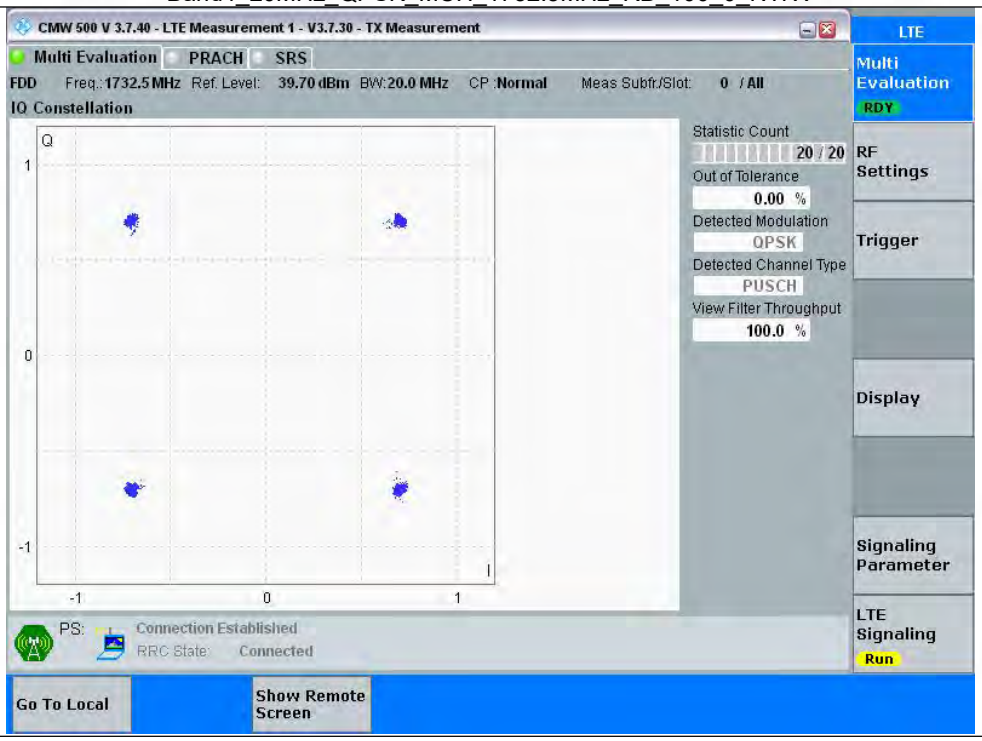
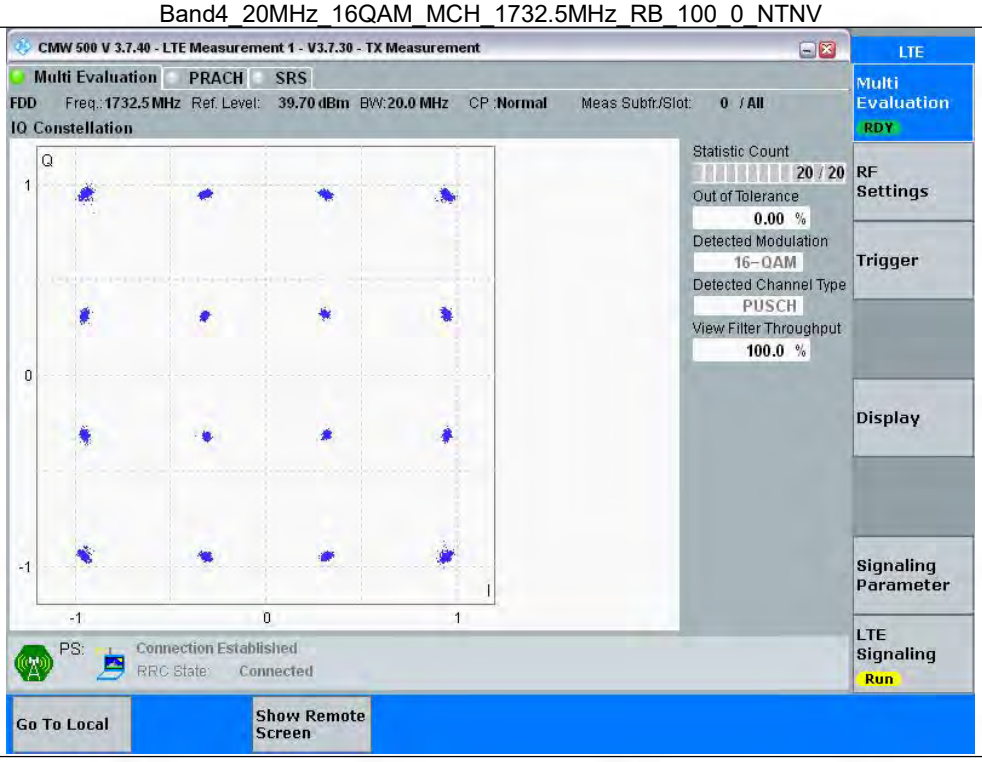
3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV


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	1.118	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.117	/	Pass
3	QPSK	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.738	/	Pass
		1753.5	15	0	2.758	/	Pass
	16QAM	1711.5	15	0	2.776	/	Pass
		1732.5	15	0	2.755	/	Pass
		1753.5	15	0	2.774	/	Pass
5	QPSK	1712.5	25	0	4.548	/	Pass
		1732.5	25	0	4.551	/	Pass
		1752.5	25	0	4.566	/	Pass
	16QAM	1712.5	25	0	4.575	/	Pass
		1732.5	25	0	4.562	/	Pass
		1752.5	25	0	4.563	/	Pass
10	QPSK	1715	50	0	9.089	/	Pass
		1732.5	50	0	9.075	/	Pass
		1750	50	0	9.090	/	Pass
	16QAM	1715	50	0	9.065	/	Pass
		1732.5	50	0	9.055	/	Pass
		1750	50	0	9.099	/	Pass
15	QPSK	1717.5	75	0	13.628	/	Pass
		1732.5	75	0	13.607	/	Pass
		1747.5	75	0	13.606	/	Pass
	16QAM	1717.5	75	0	13.628	/	Pass
		1732.5	75	0	13.660	/	Pass
		1747.5	75	0	13.599	/	Pass
20	QPSK	1720	100	0	18.192	/	Pass
		1732.5	100	0	18.178	/	Pass
		1745	100	0	18.169	/	Pass
	16QAM	1720	100	0	18.124	/	Pass
		1732.5	100	0	18.183	/	Pass
		1745	100	0	18.159	/	Pass

4.1.2 Band4_XDB

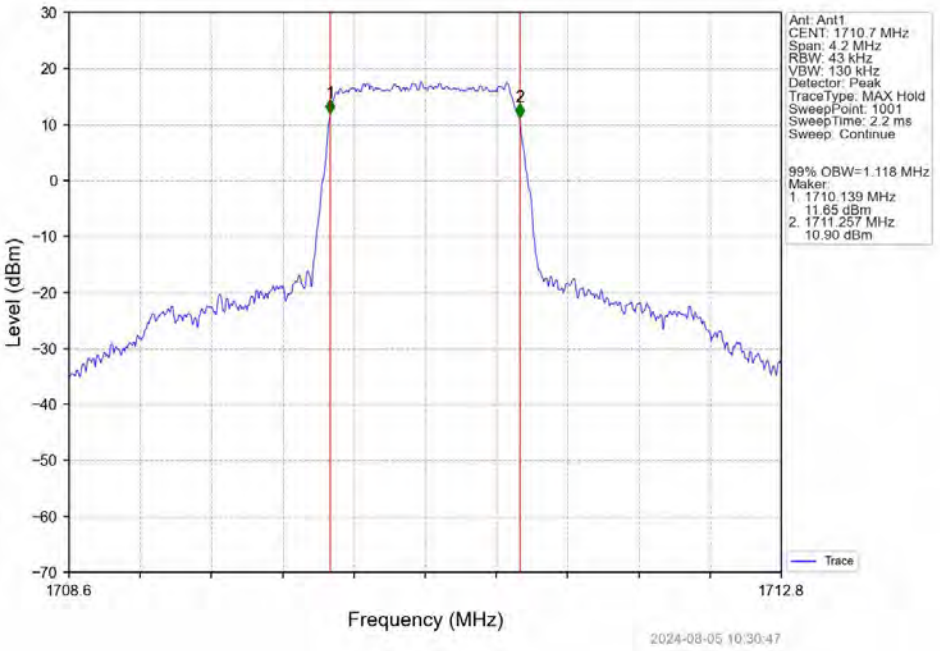
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.273	/	Pass
		1732.5	6	0	1.271	/	Pass
		1754.3	6	0	1.272	/	Pass

	16QAM	1710.7	6	0	1.273	/	Pass
		1732.5	6	0	1.280	/	Pass
		1754.3	6	0	1.280	/	Pass
3	QPSK	1711.5	15	0	3.095	/	Pass
		1732.5	15	0	3.089	/	Pass
		1753.5	15	0	3.113	/	Pass
	16QAM	1711.5	15	0	3.111	/	Pass
		1732.5	15	0	3.104	/	Pass
		1753.5	15	0	3.092	/	Pass
5	QPSK	1712.5	25	0	5.069	/	Pass
		1732.5	25	0	5.062	/	Pass
		1752.5	25	0	5.054	/	Pass
	16QAM	1712.5	25	0	5.096	/	Pass
		1732.5	25	0	5.047	/	Pass
		1752.5	25	0	5.024	/	Pass
10	QPSK	1715	50	0	10.080	/	Pass
		1732.5	50	0	10.041	/	Pass
		1750	50	0	10.043	/	Pass
	16QAM	1715	50	0	10.097	/	Pass
		1732.5	50	0	10.030	/	Pass
		1750	50	0	10.008	/	Pass
15	QPSK	1717.5	75	0	15.191	/	Pass
		1732.5	75	0	15.124	/	Pass
		1747.5	75	0	15.182	/	Pass
	16QAM	1717.5	75	0	15.194	/	Pass
		1732.5	75	0	15.246	/	Pass
		1747.5	75	0	15.140	/	Pass
20	QPSK	1720	100	0	20.101	/	Pass
		1732.5	100	0	20.134	/	Pass
		1745	100	0	19.981	/	Pass
	16QAM	1720	100	0	20.077	/	Pass
		1732.5	100	0	19.951	/	Pass
		1745	100	0	20.106	/	Pass

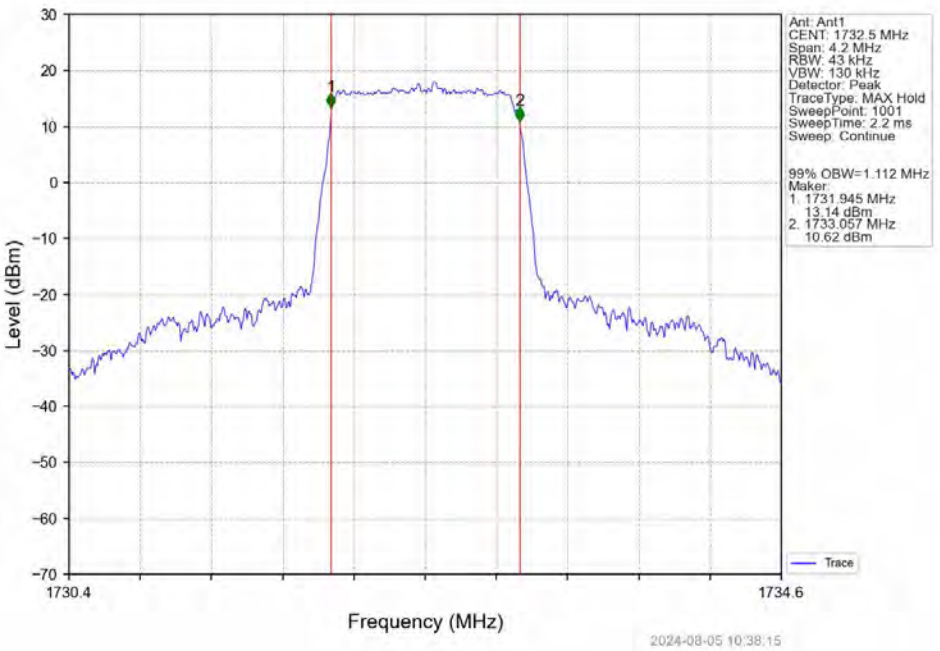
4.2 Test Graph

4.2.1 Band4_OBW

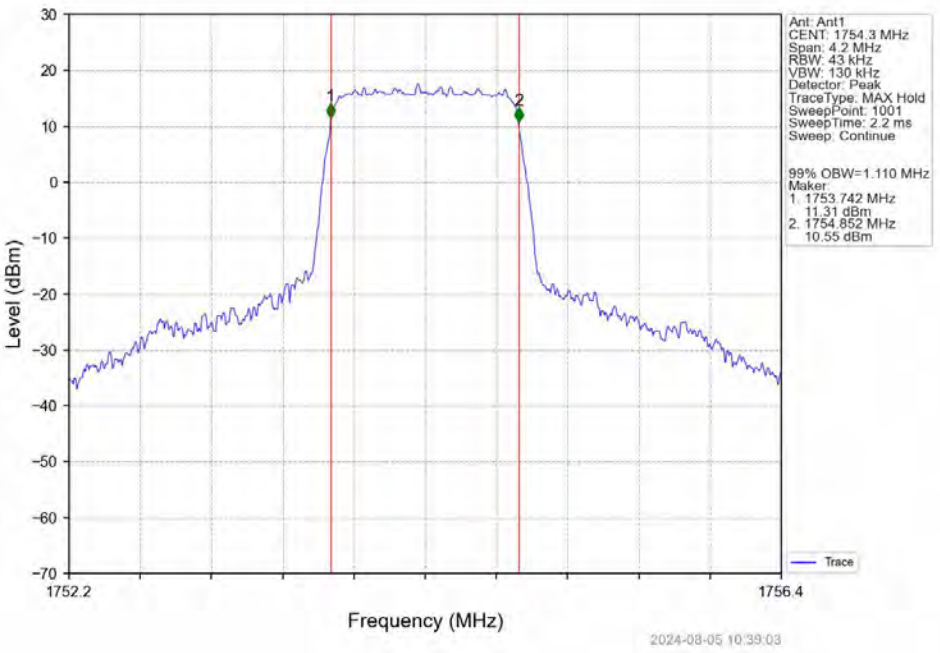
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



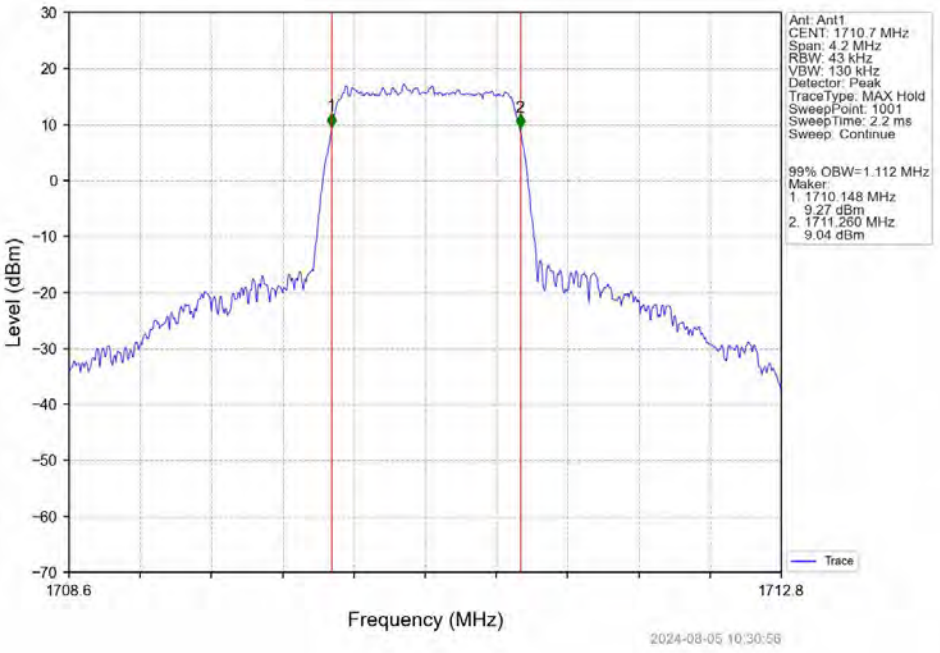
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



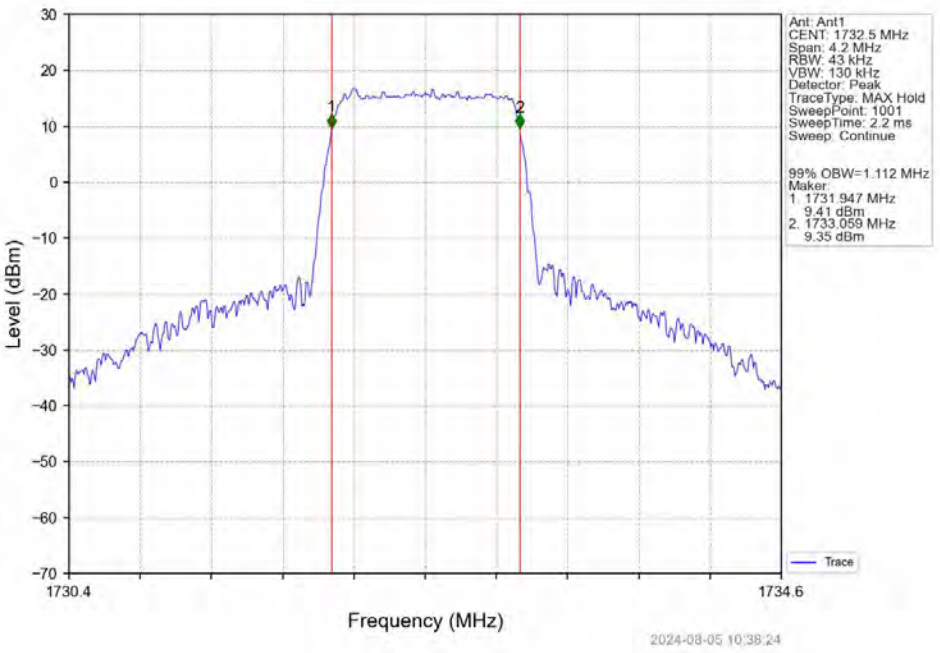
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



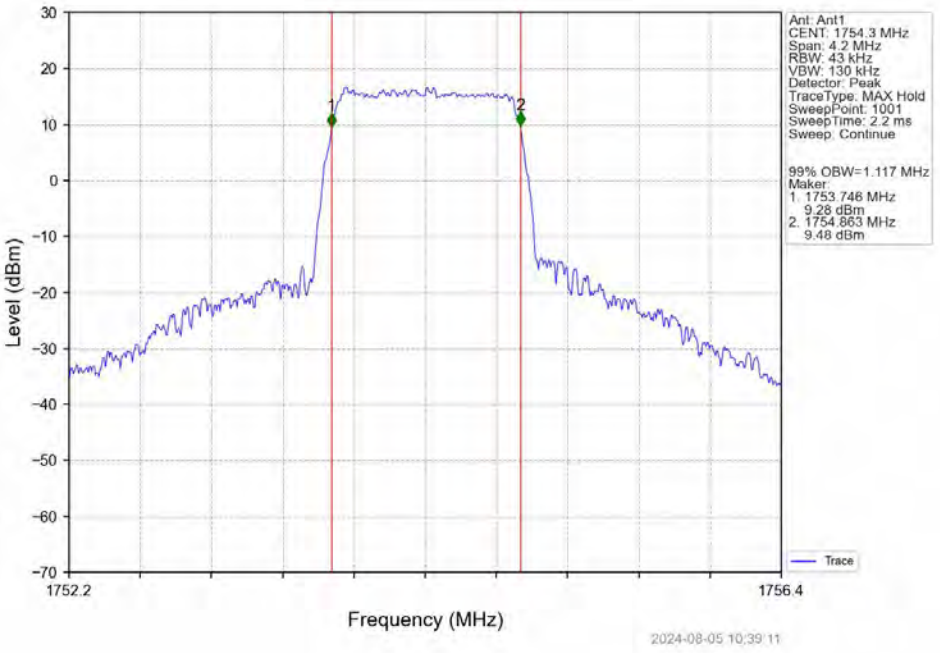
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



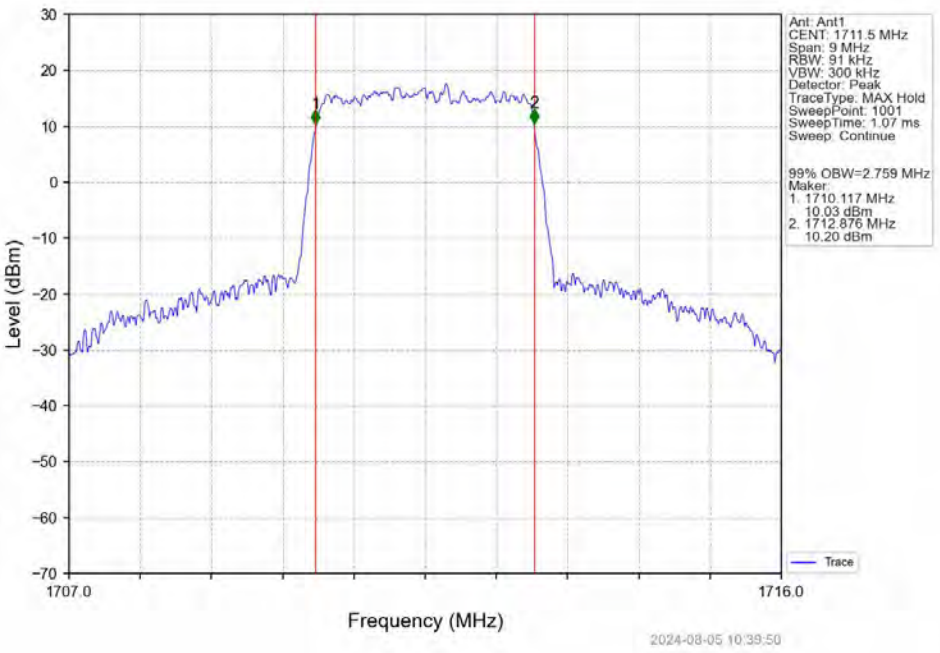
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



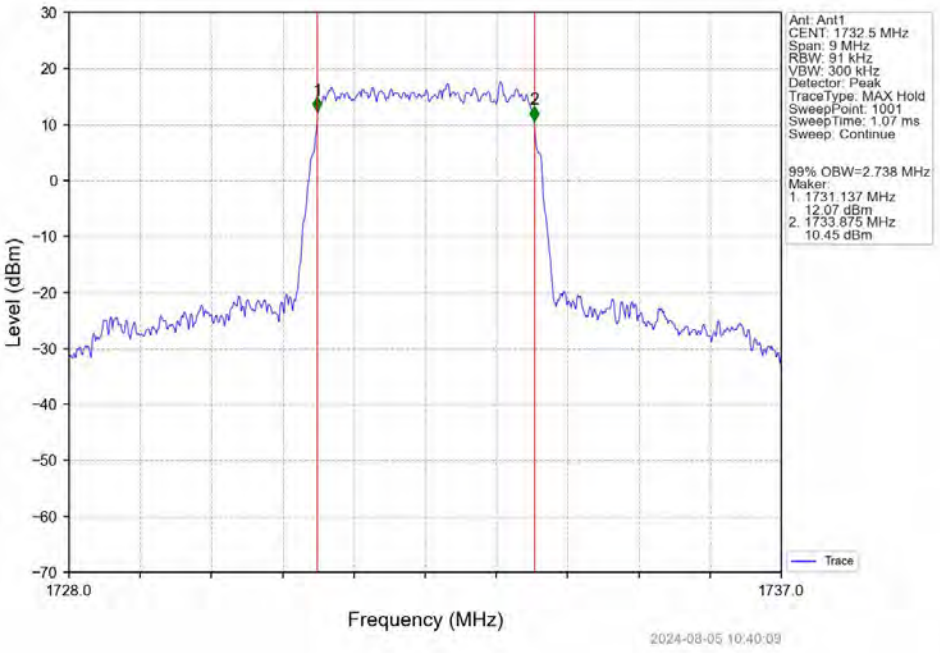
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



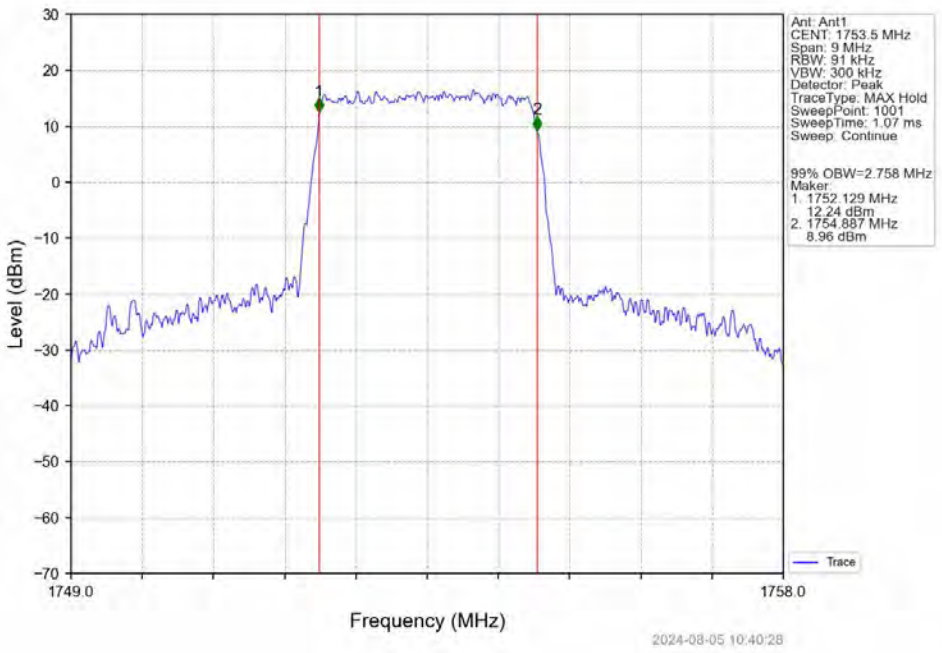
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



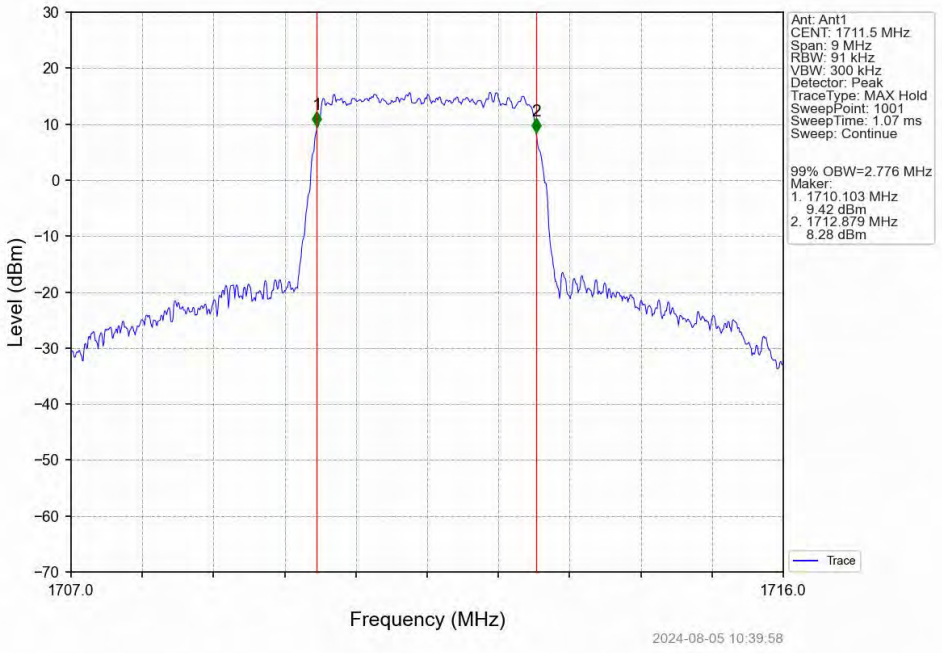
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



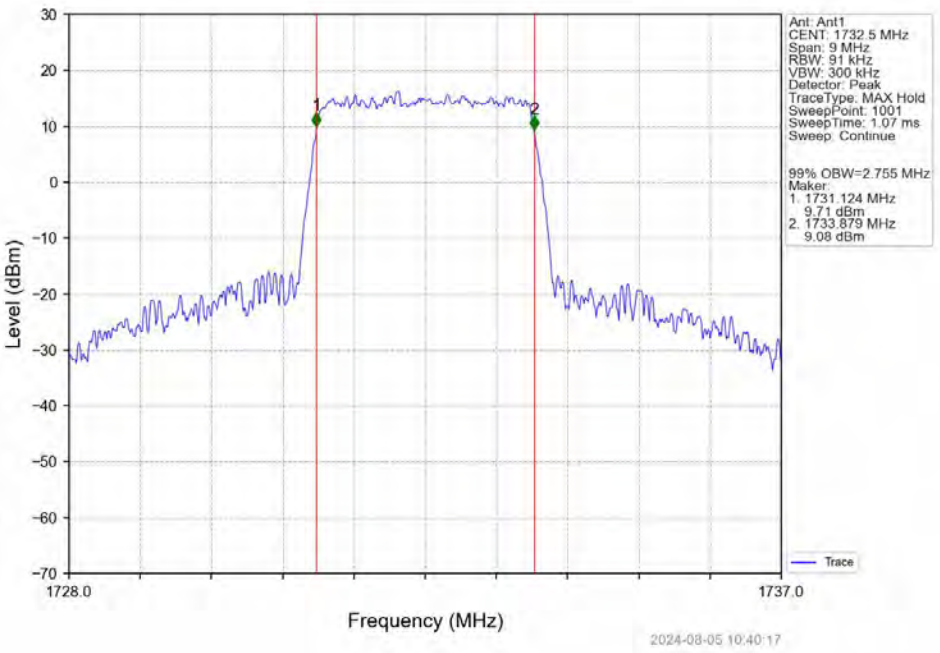
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



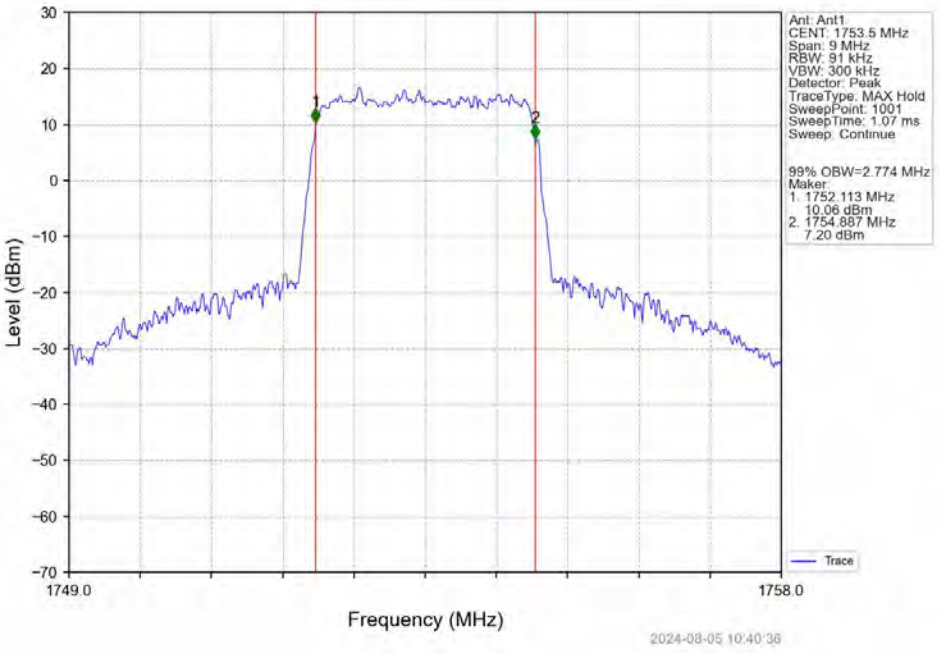
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



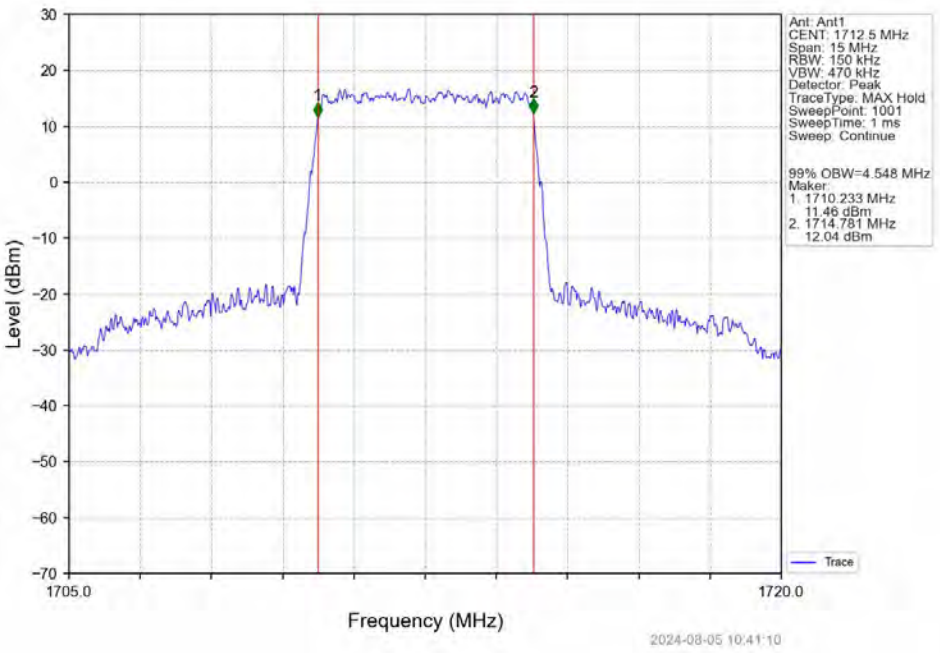
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



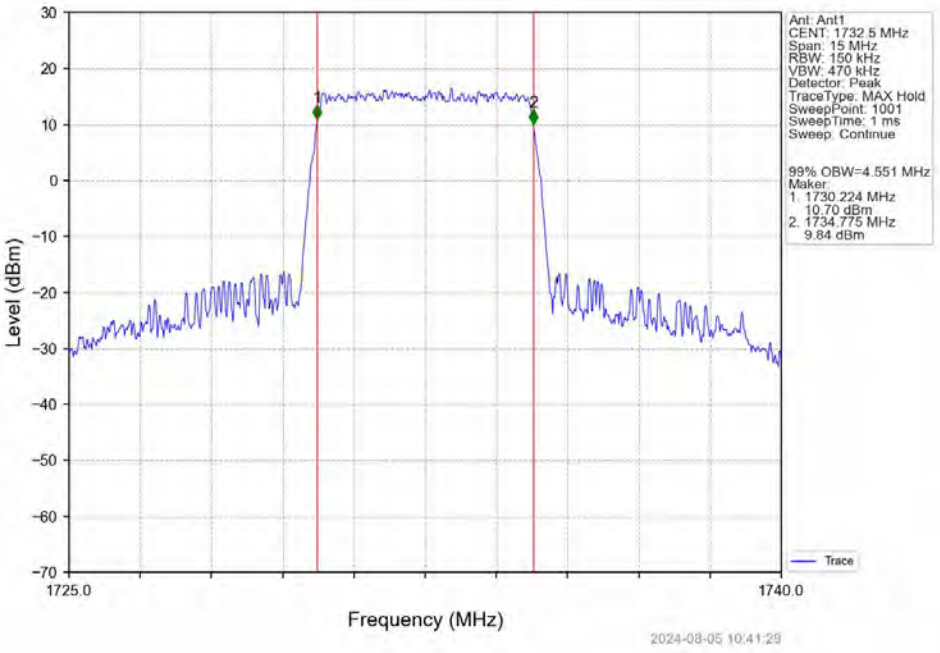
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



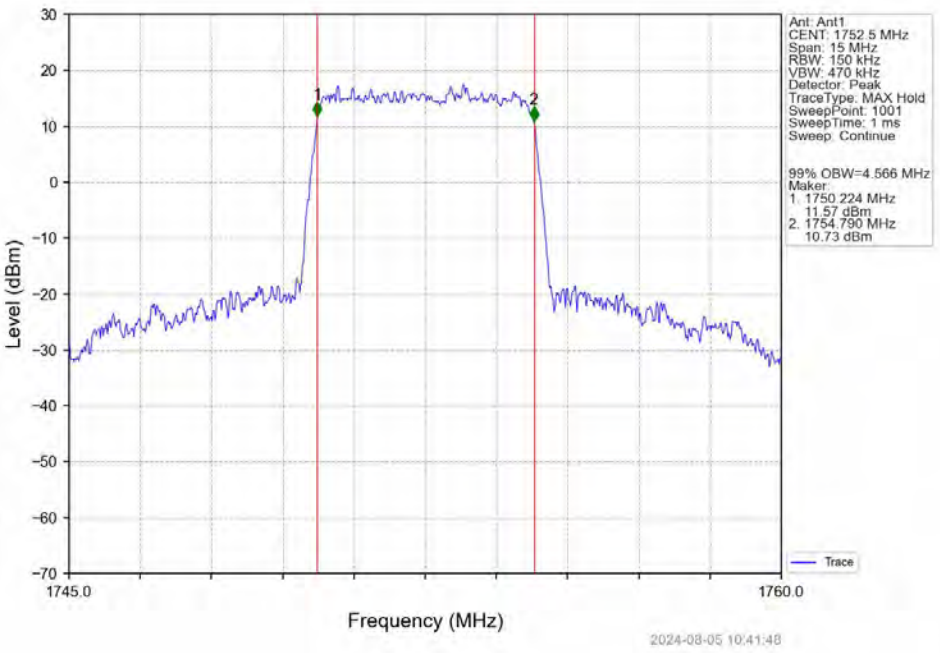
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



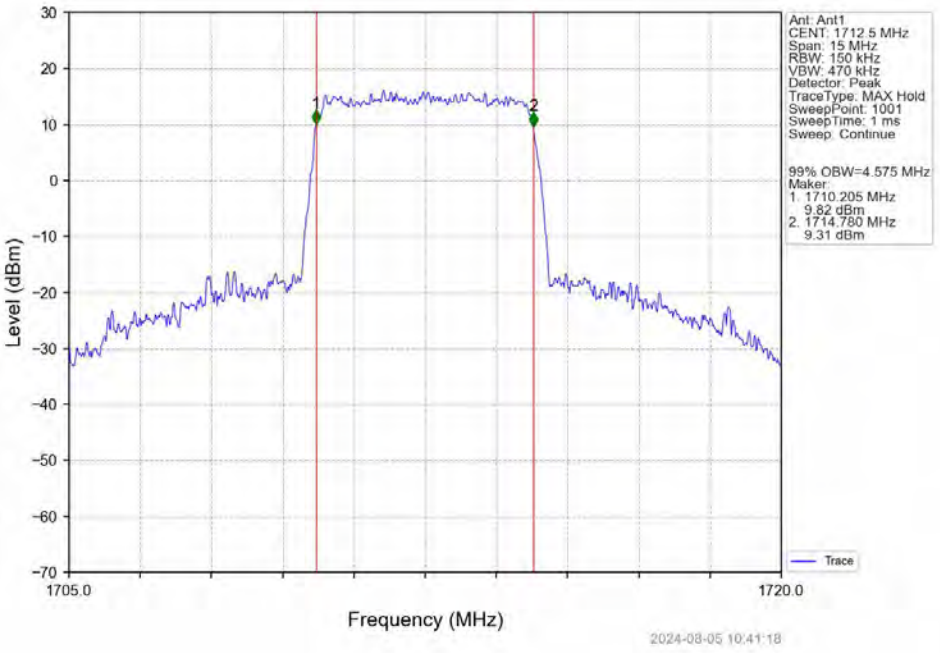
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



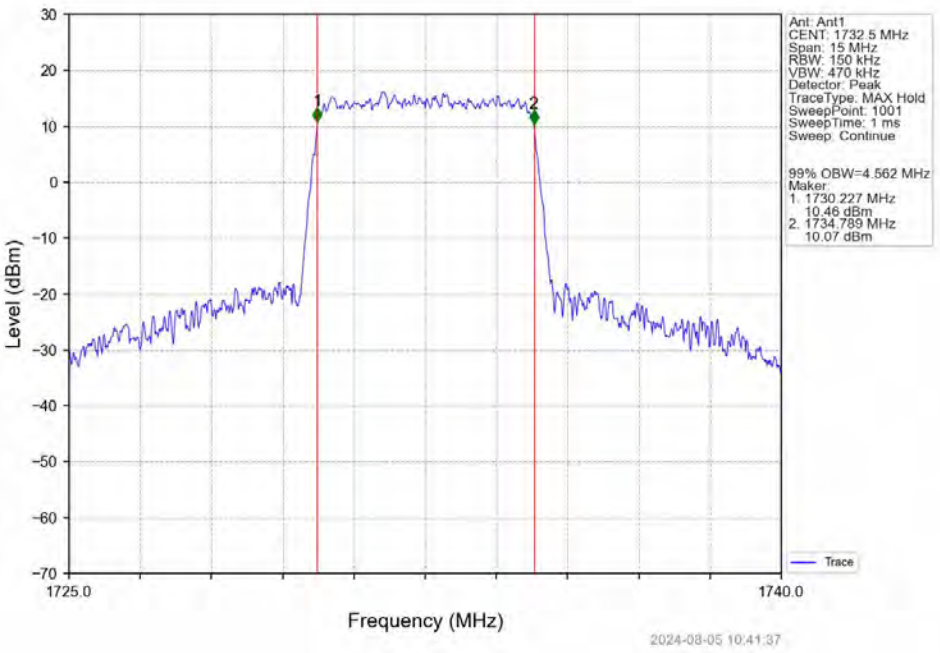
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



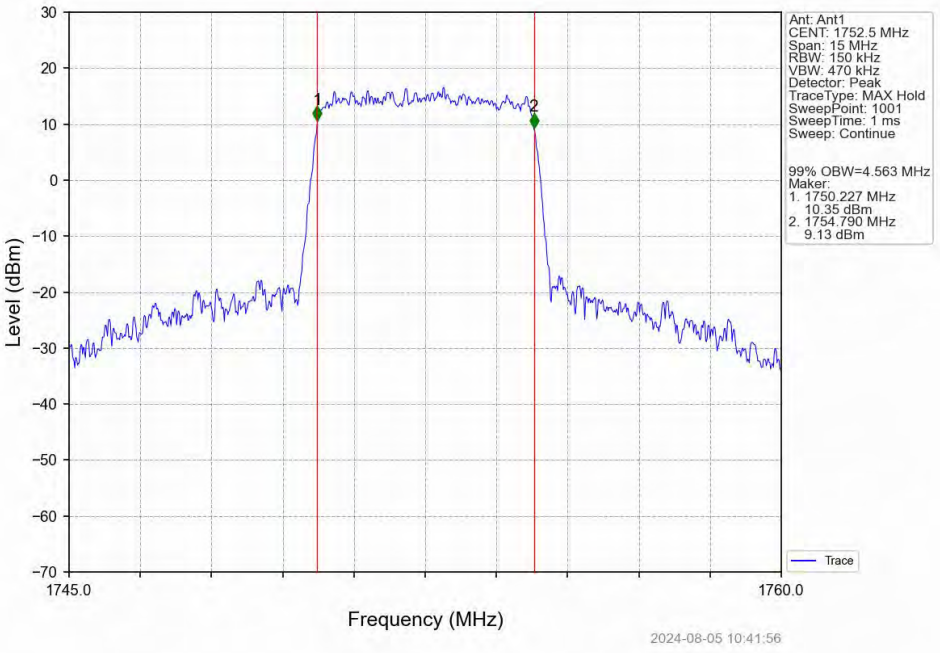
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



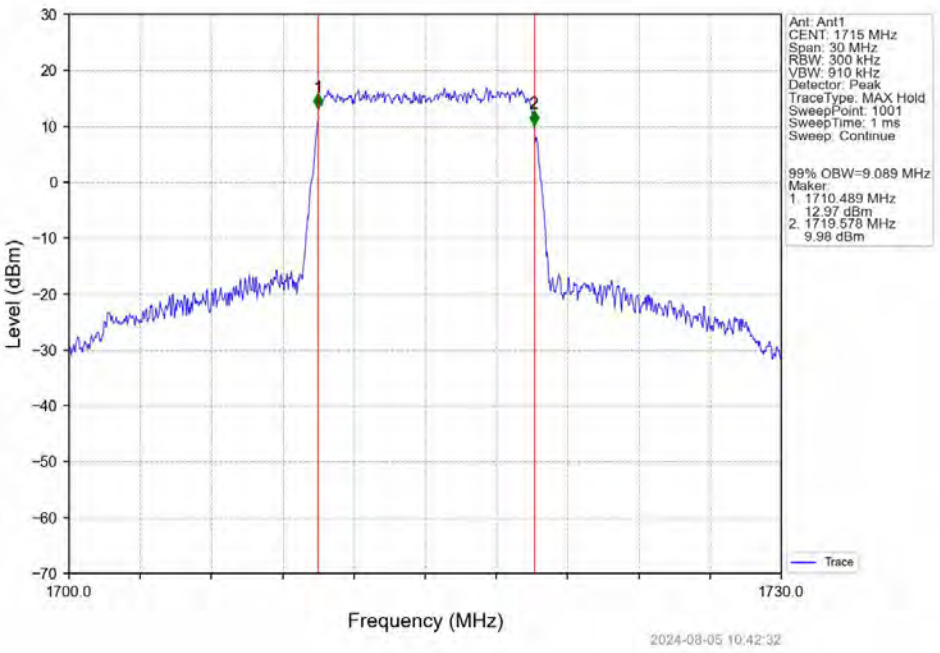
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



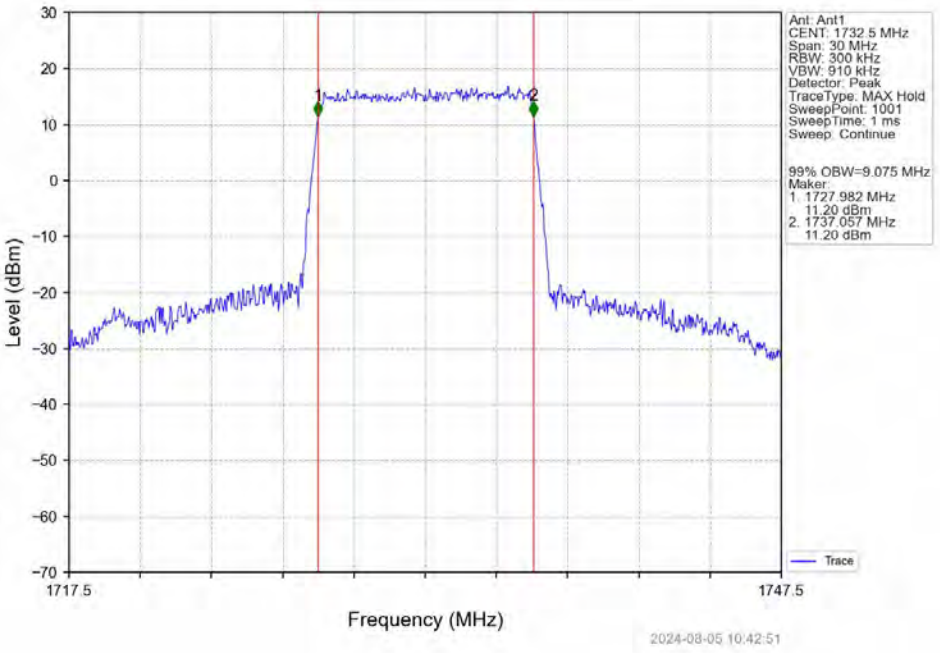
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



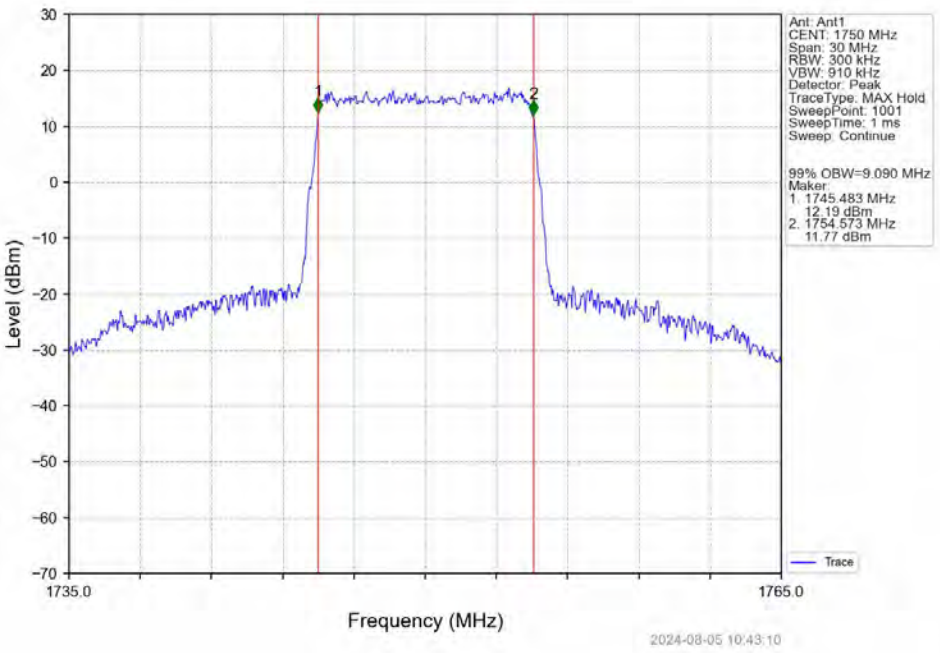
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



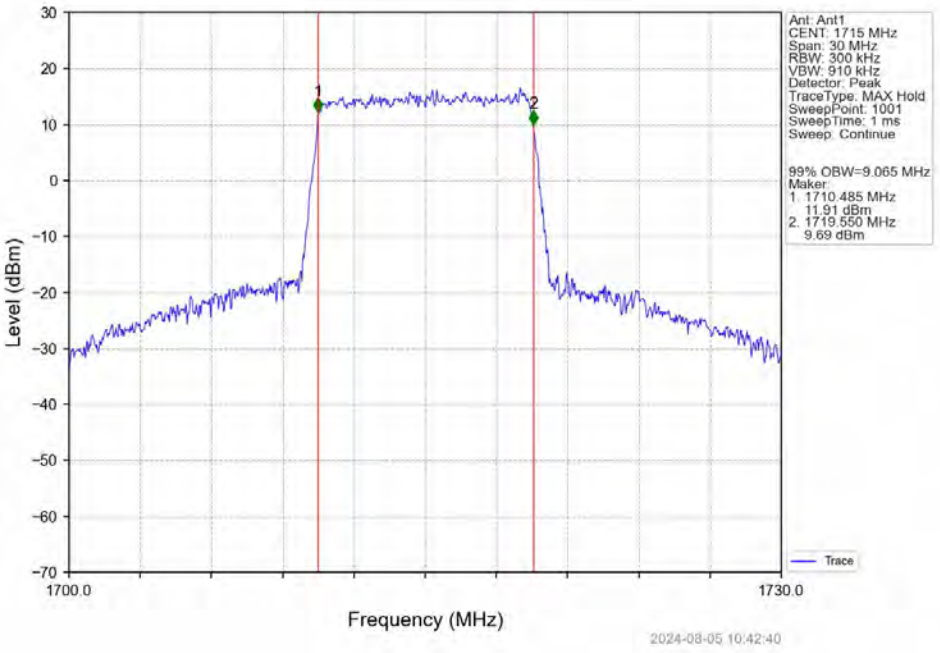
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



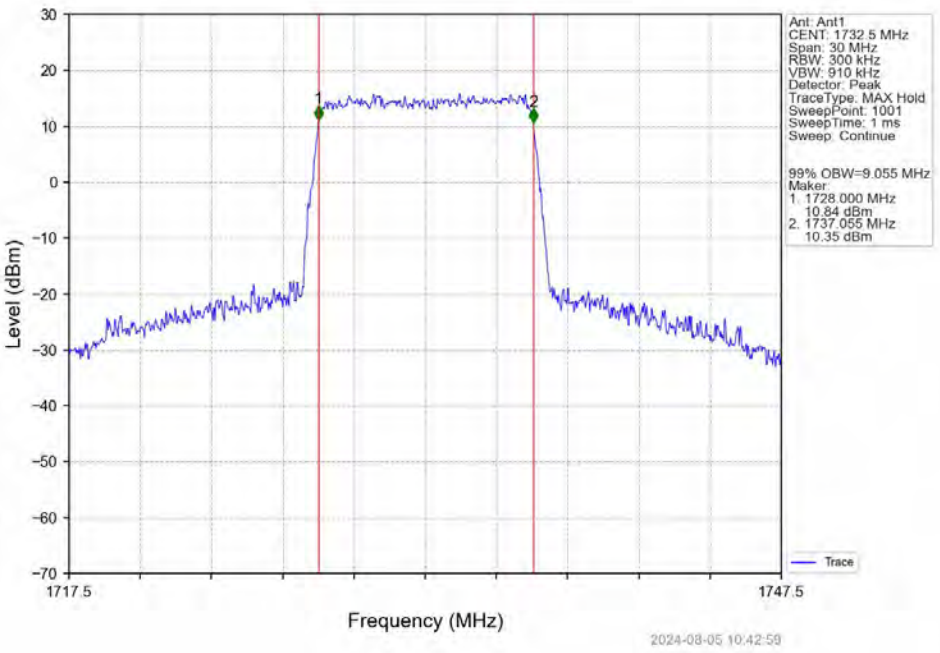
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



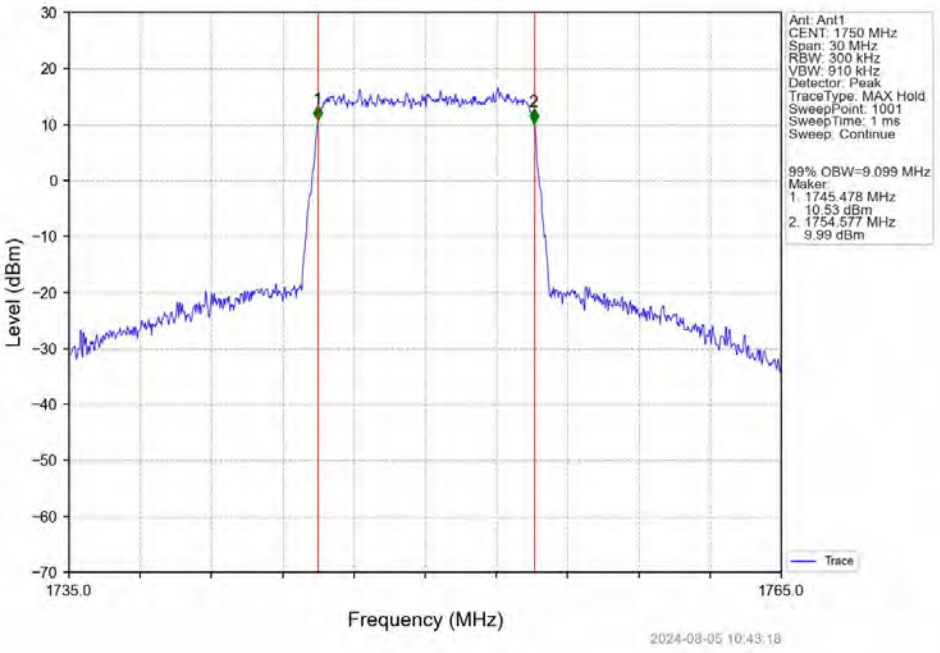
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



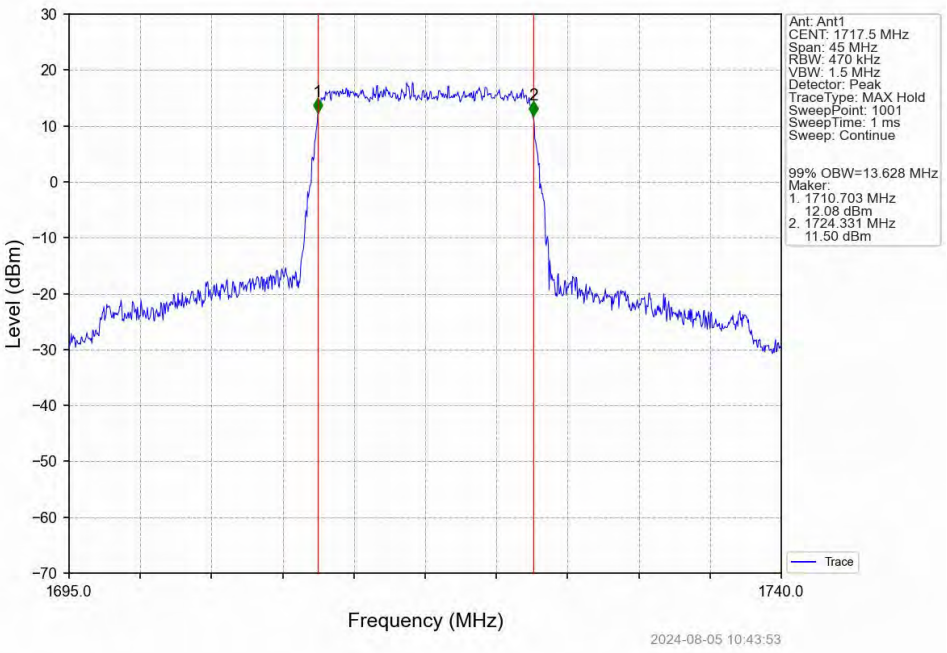
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



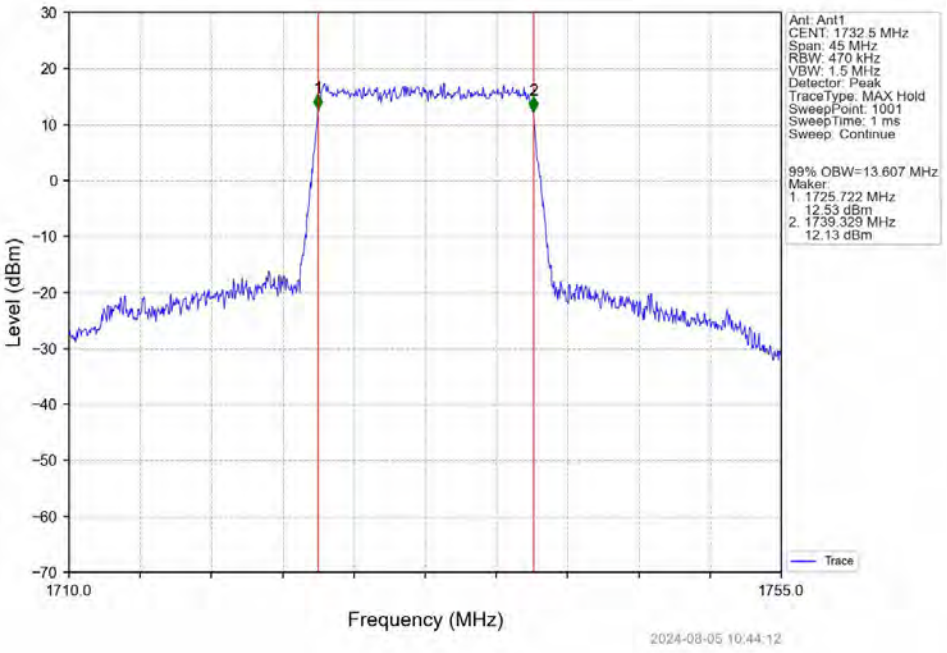
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



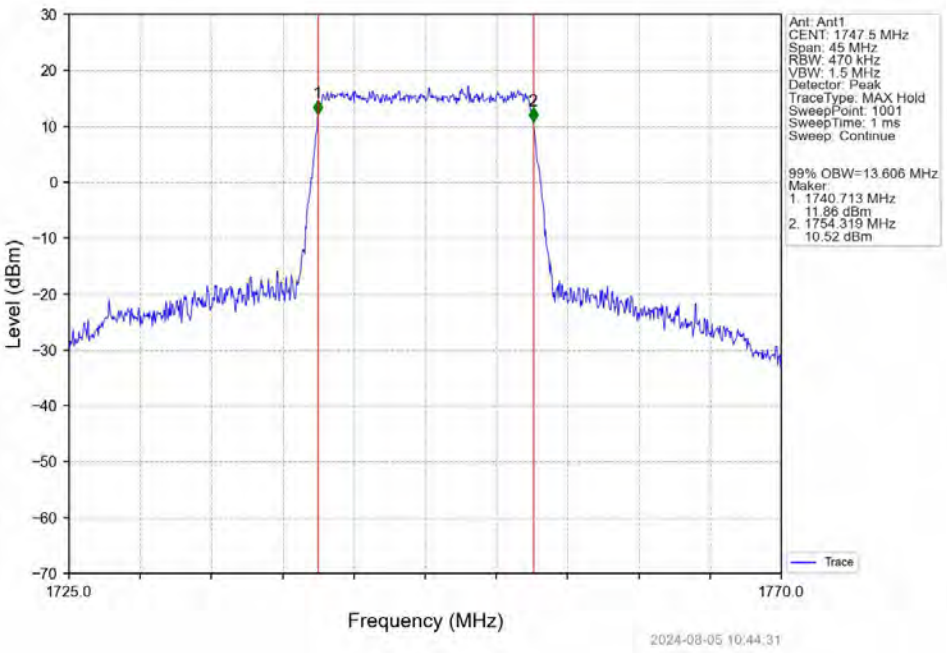
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



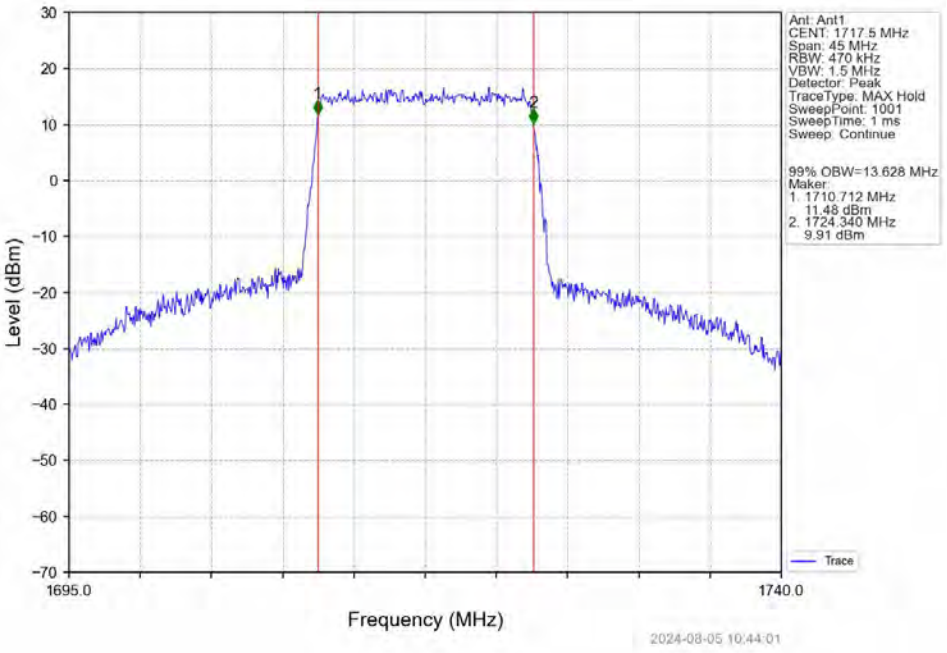
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



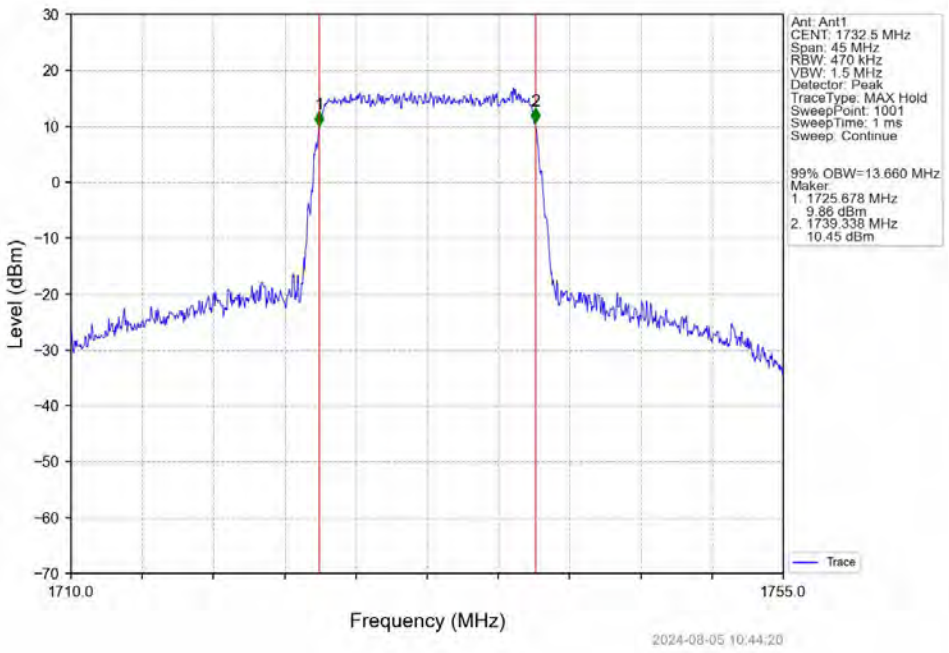
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



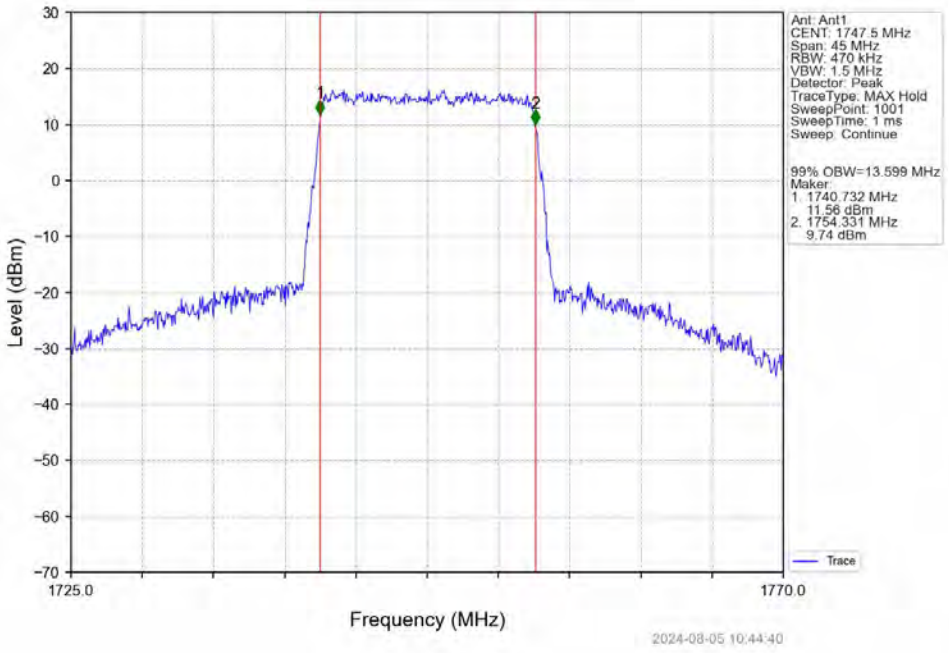
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



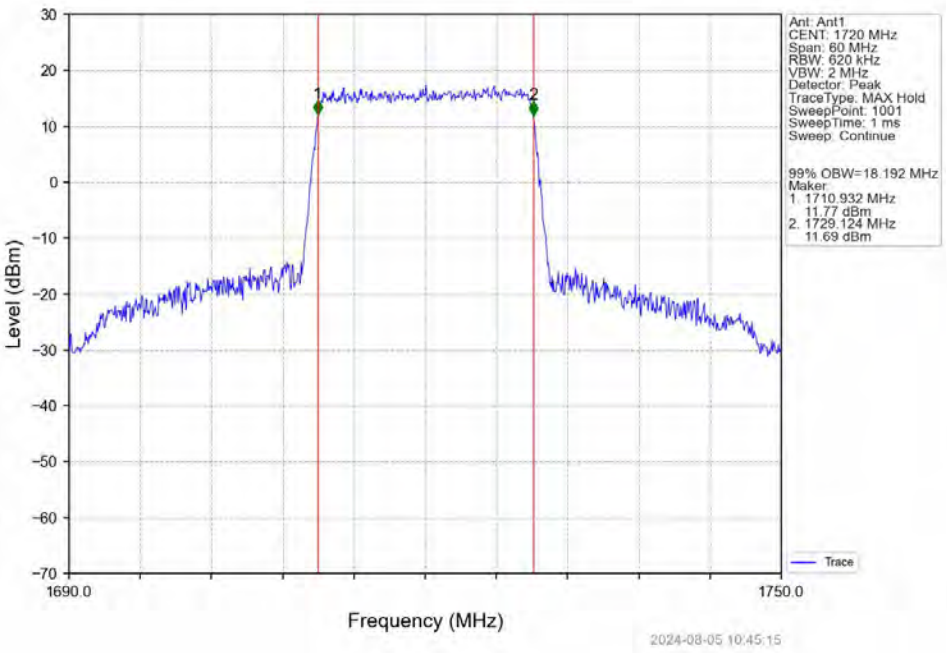
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



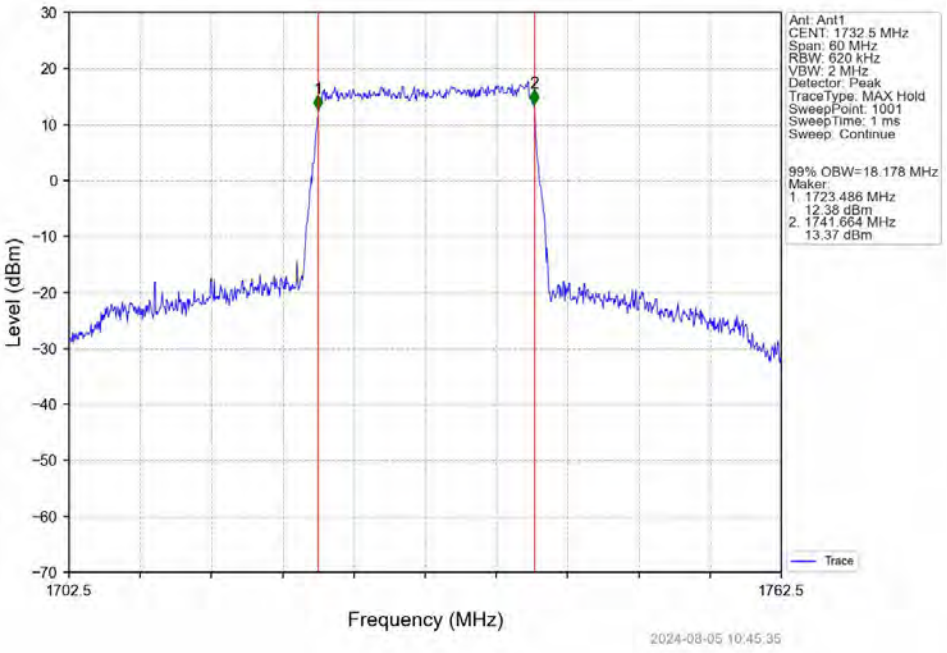
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



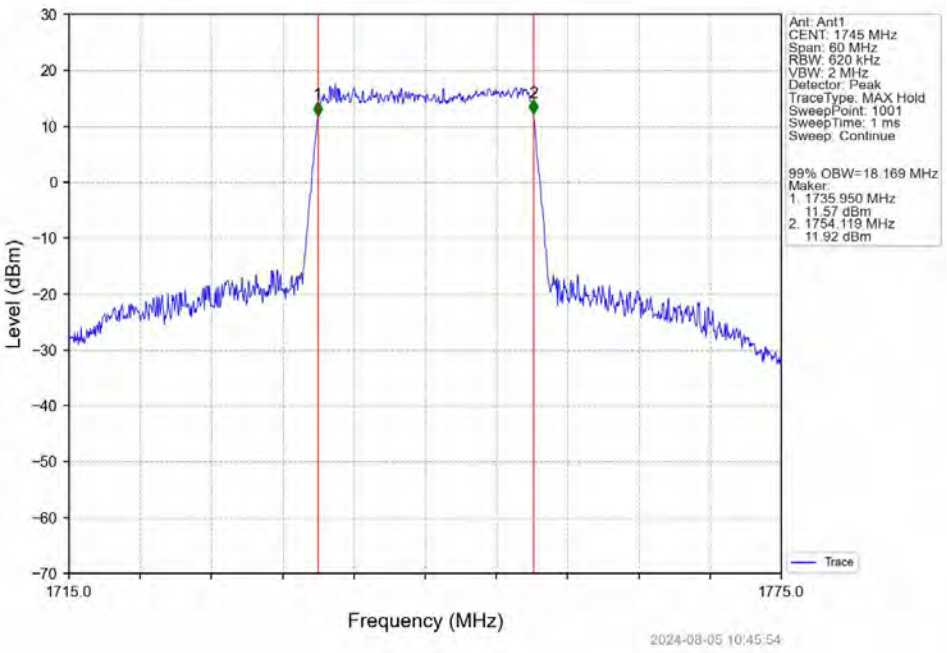
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



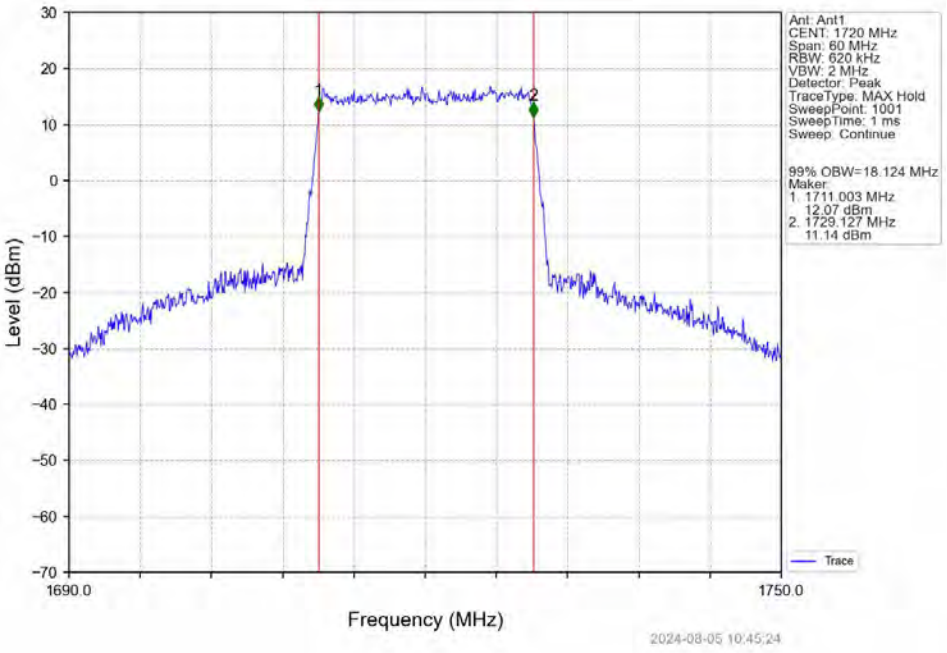
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



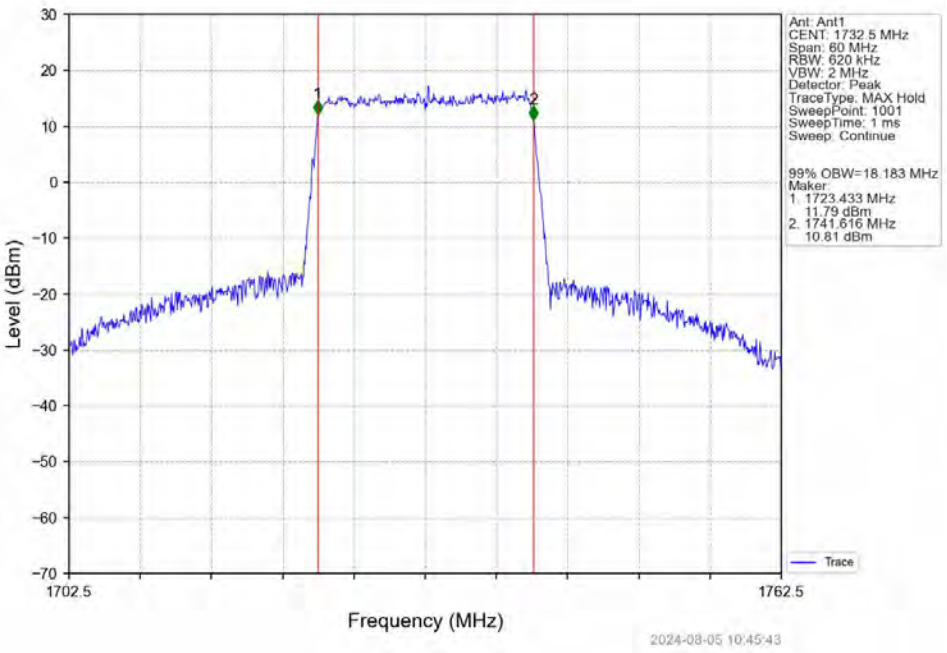
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



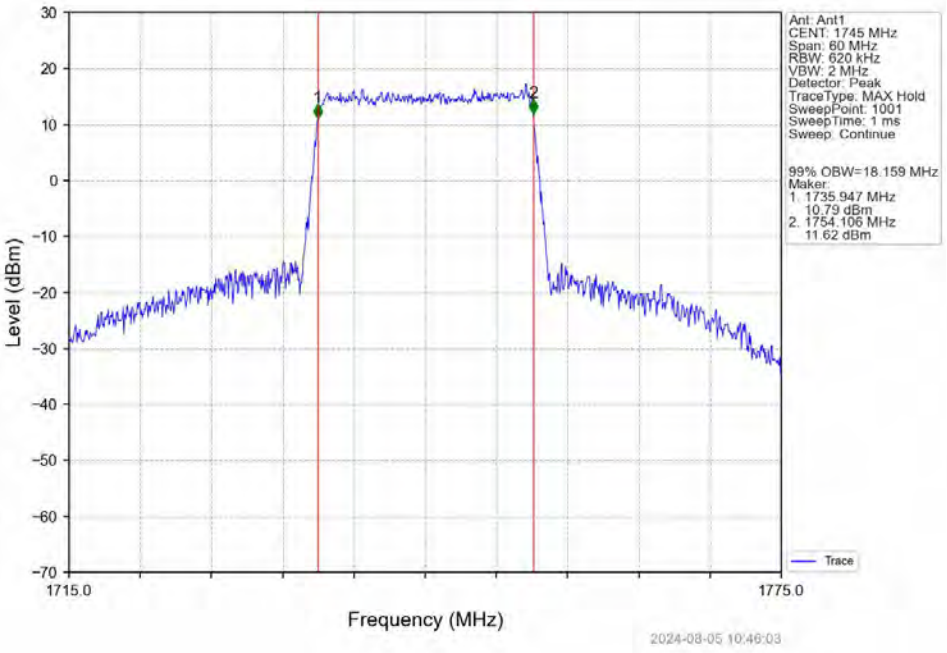
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

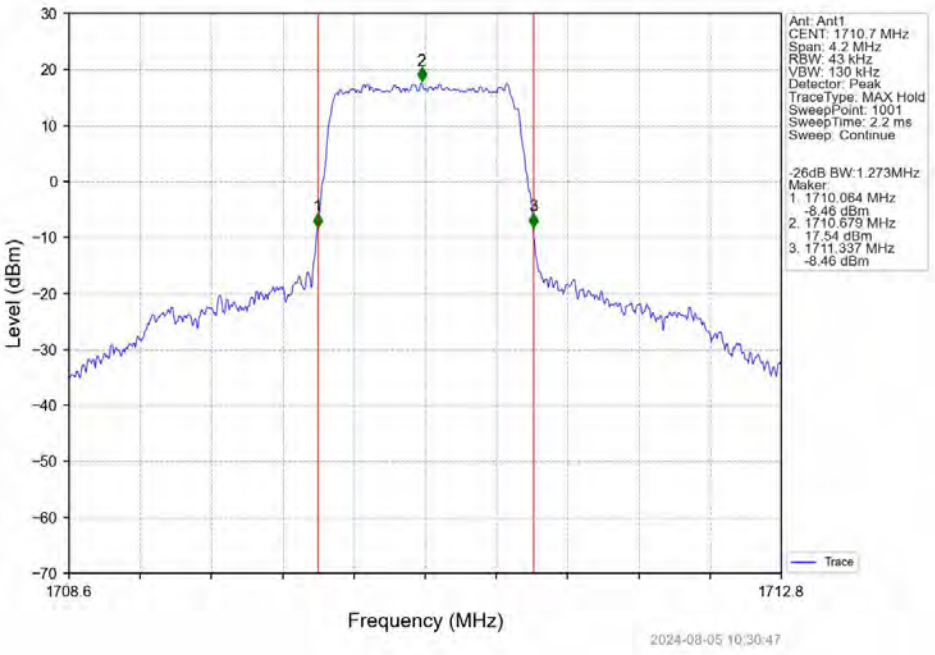


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

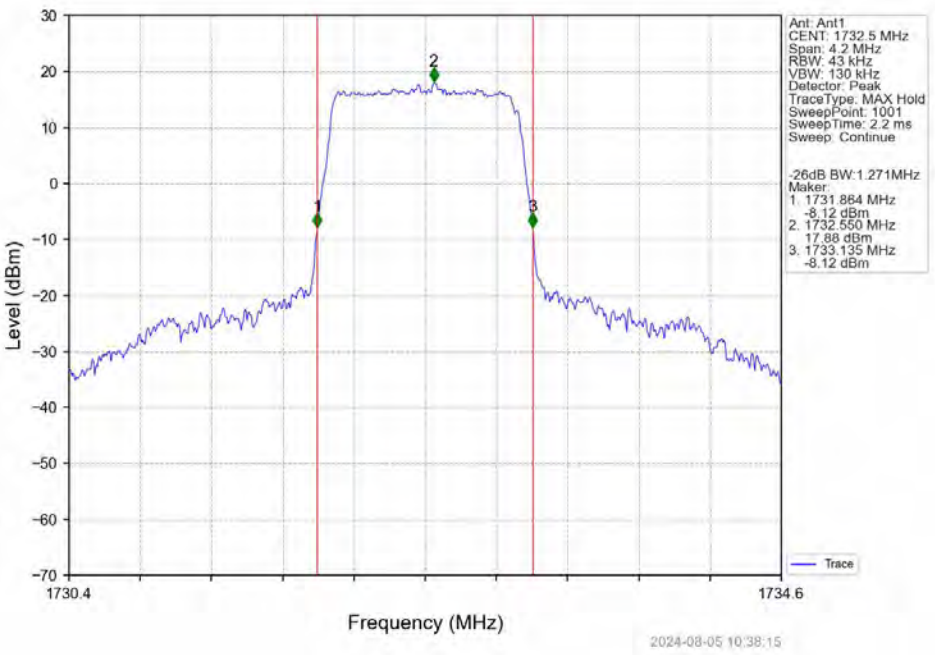


4.2.2 Band4_XDB

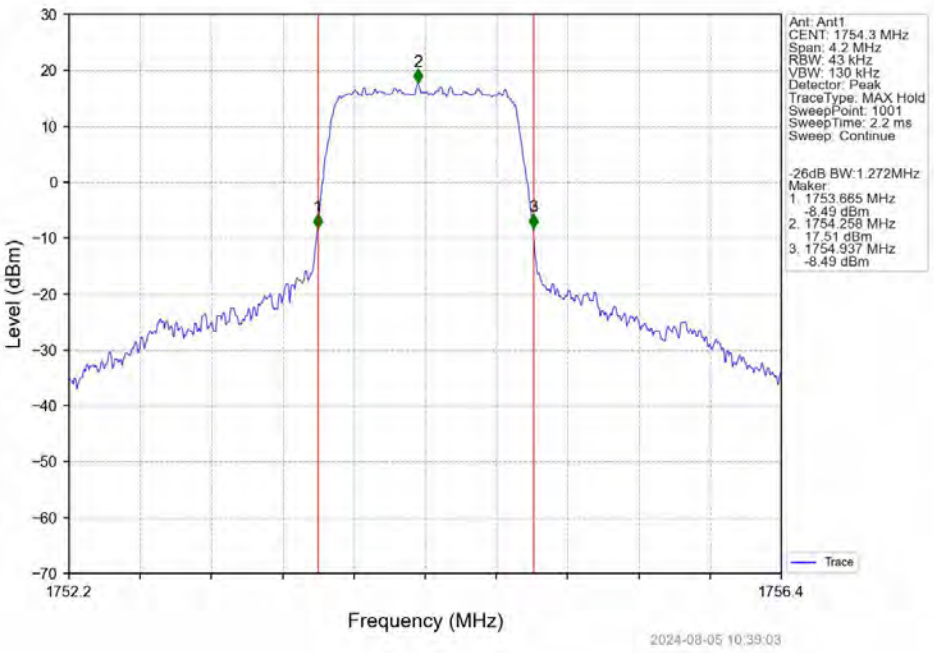
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



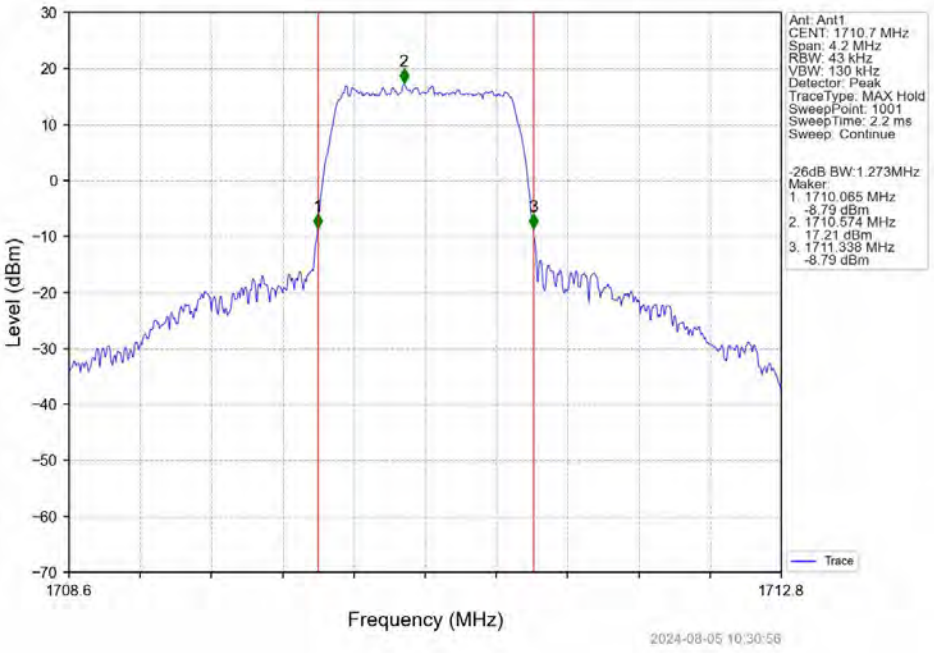
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



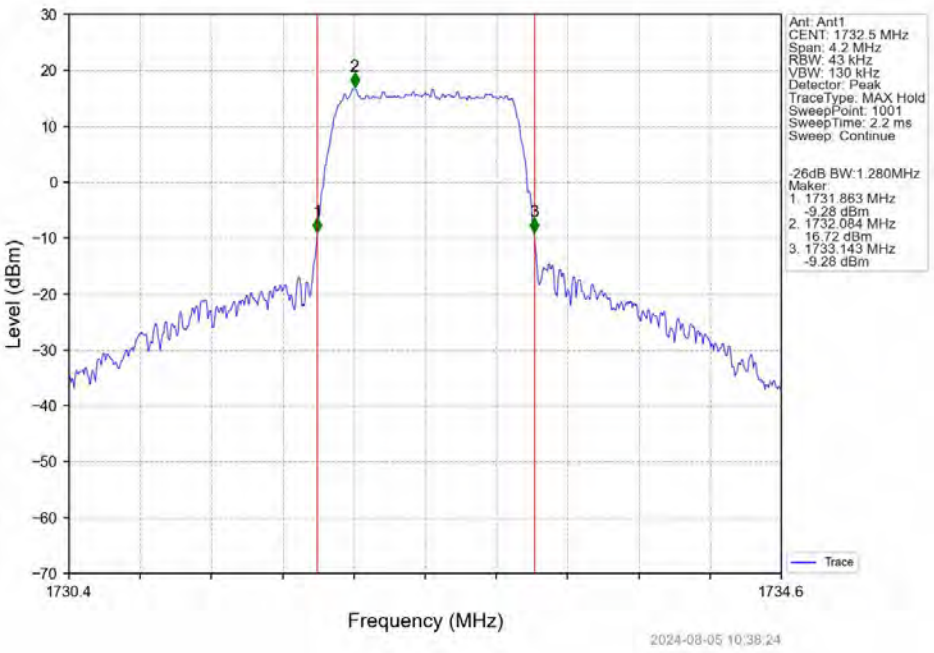
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



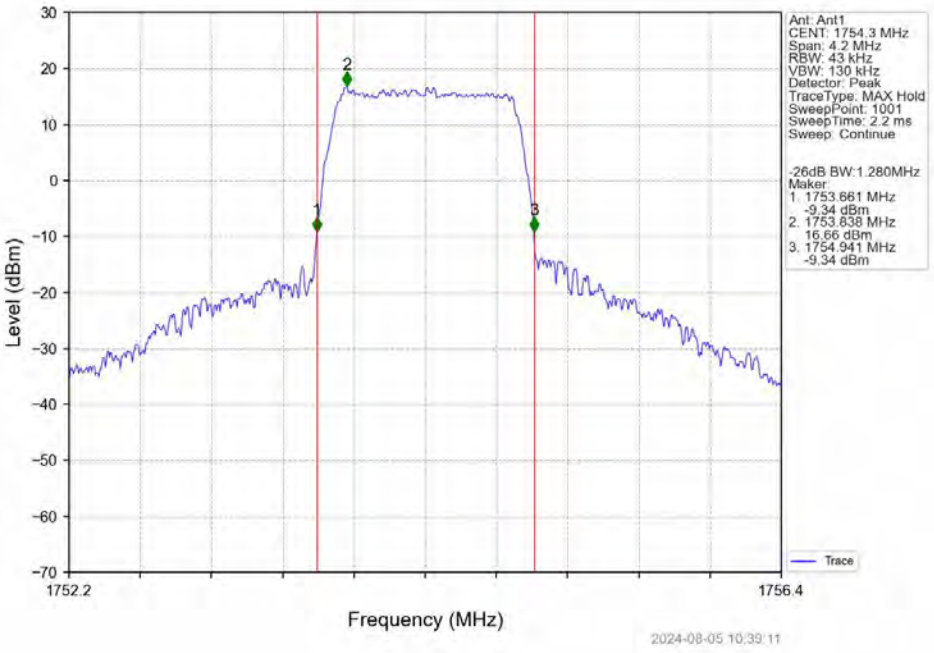
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



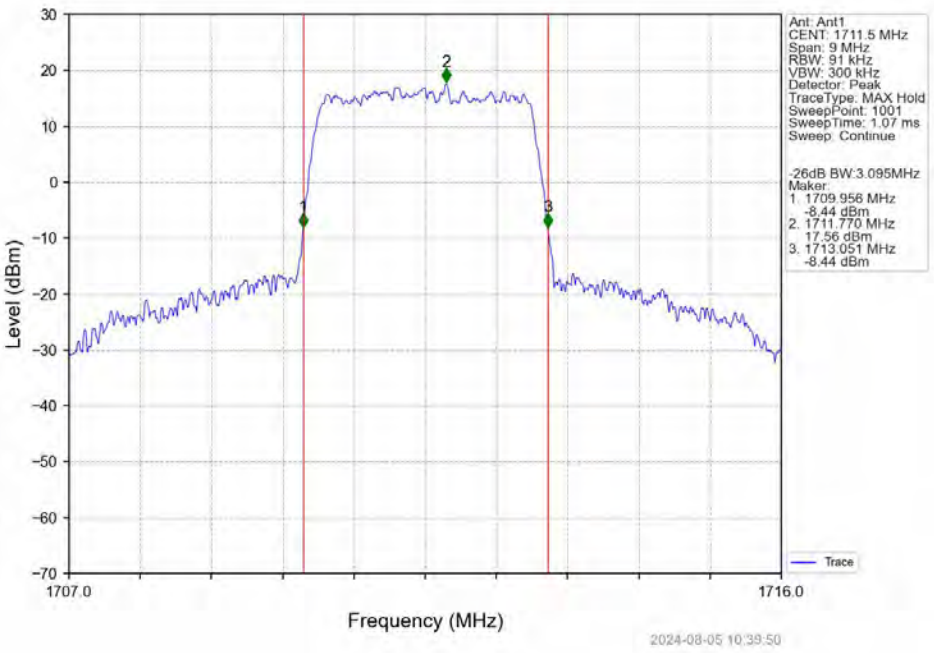
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



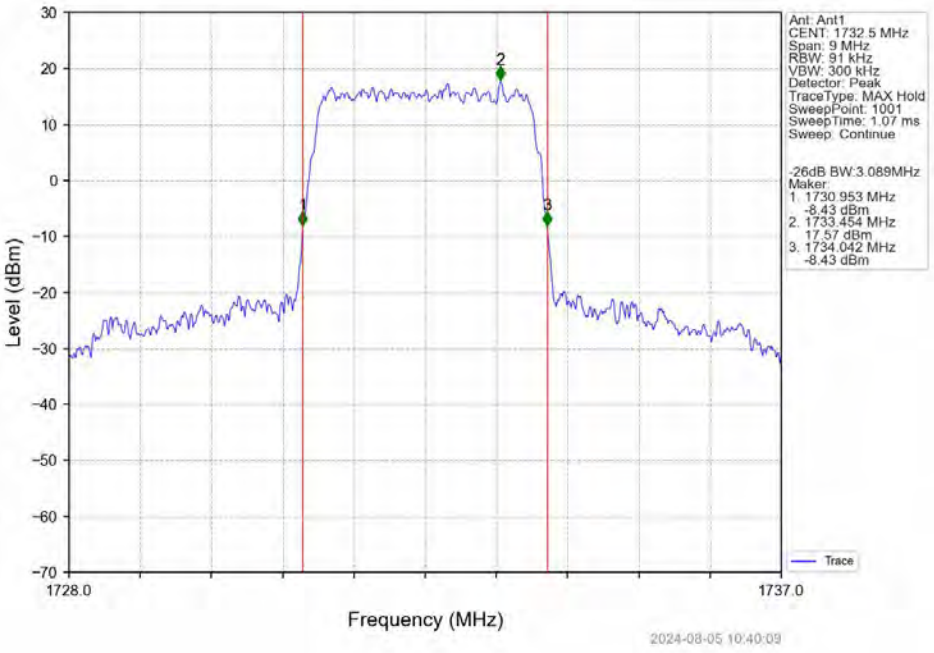
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



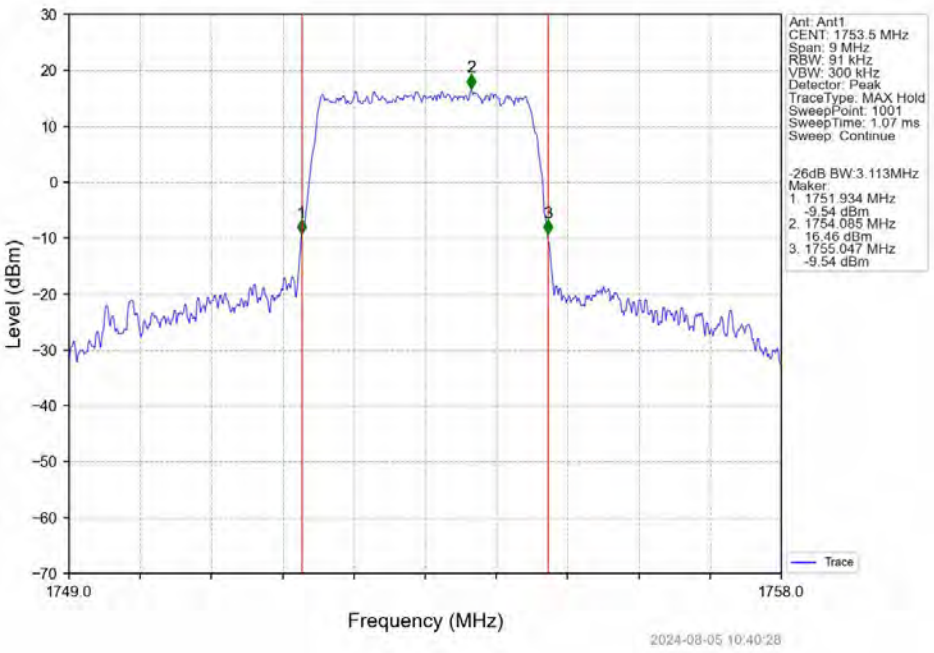
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



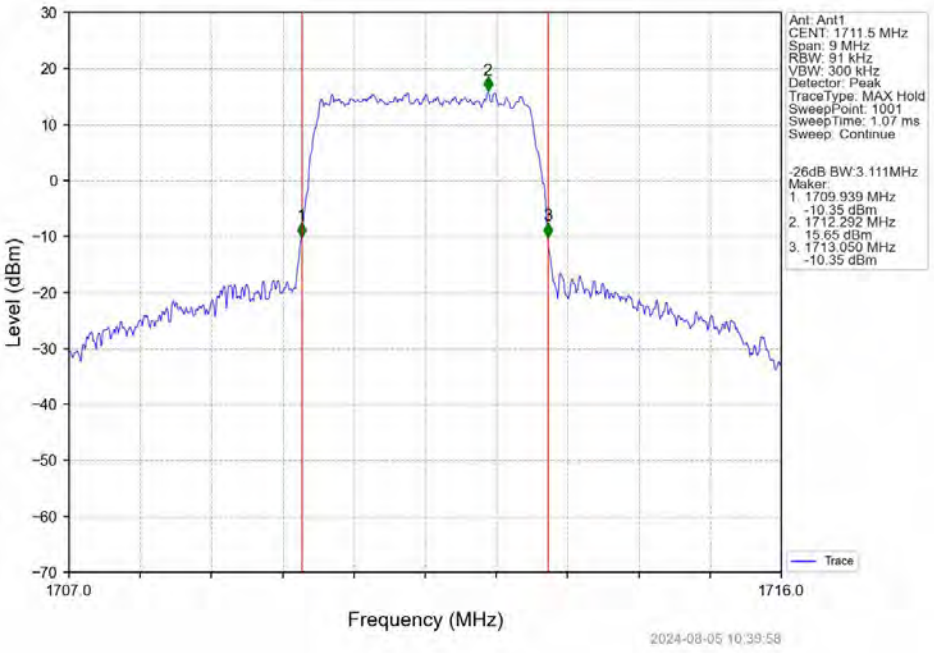
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



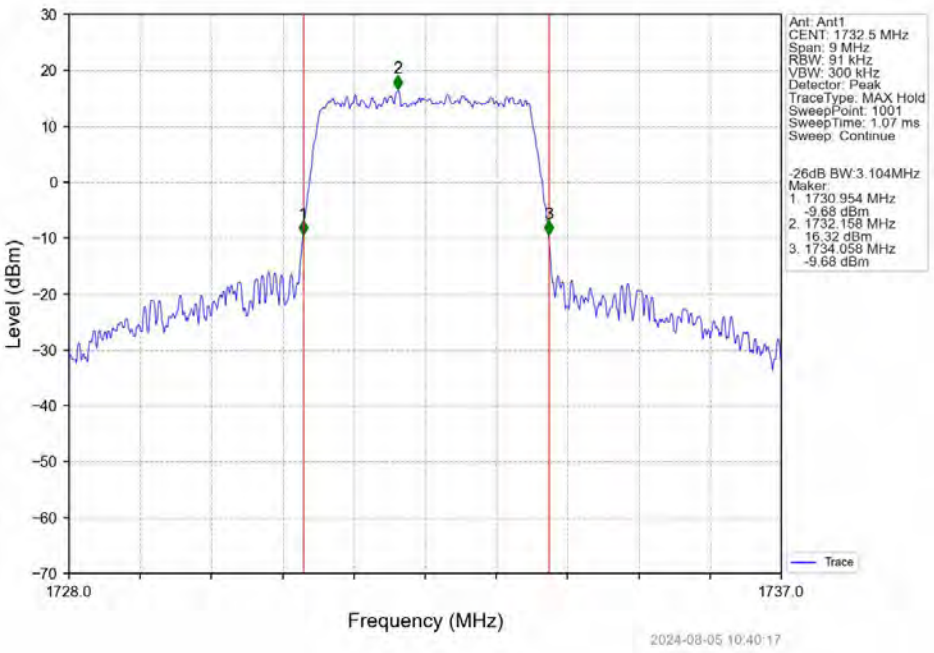
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



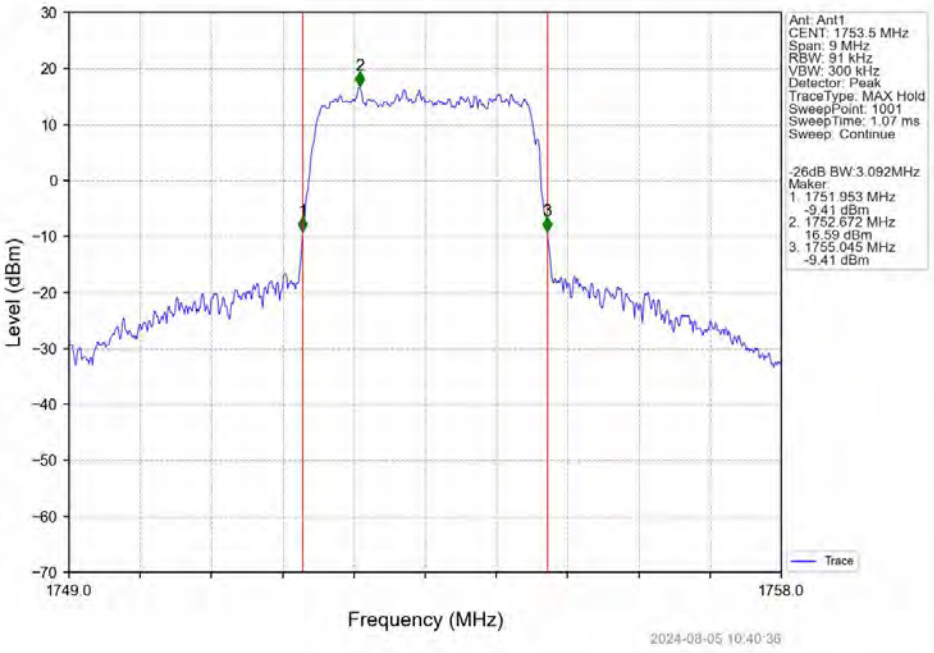
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



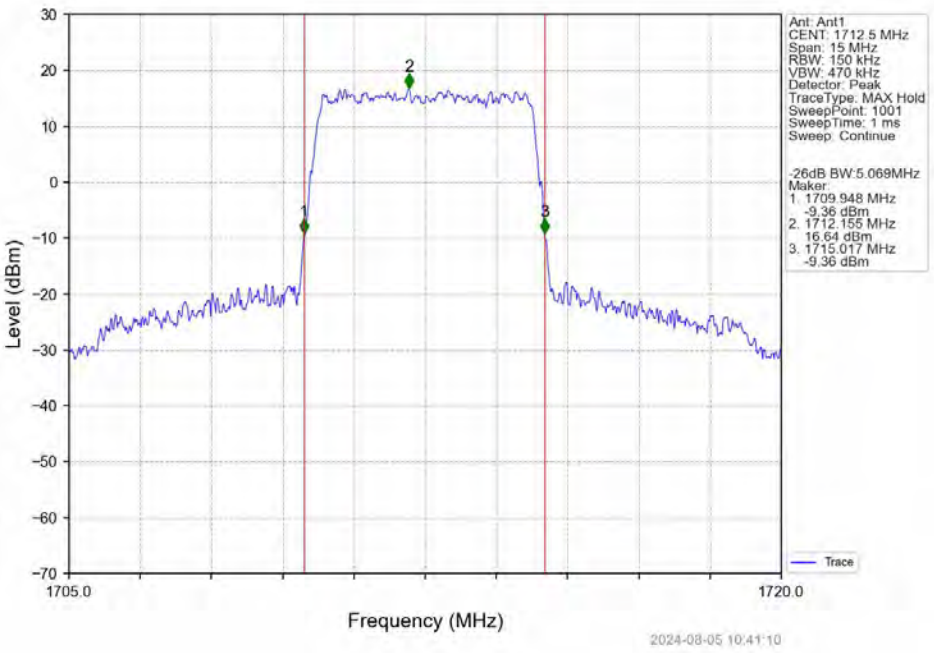
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



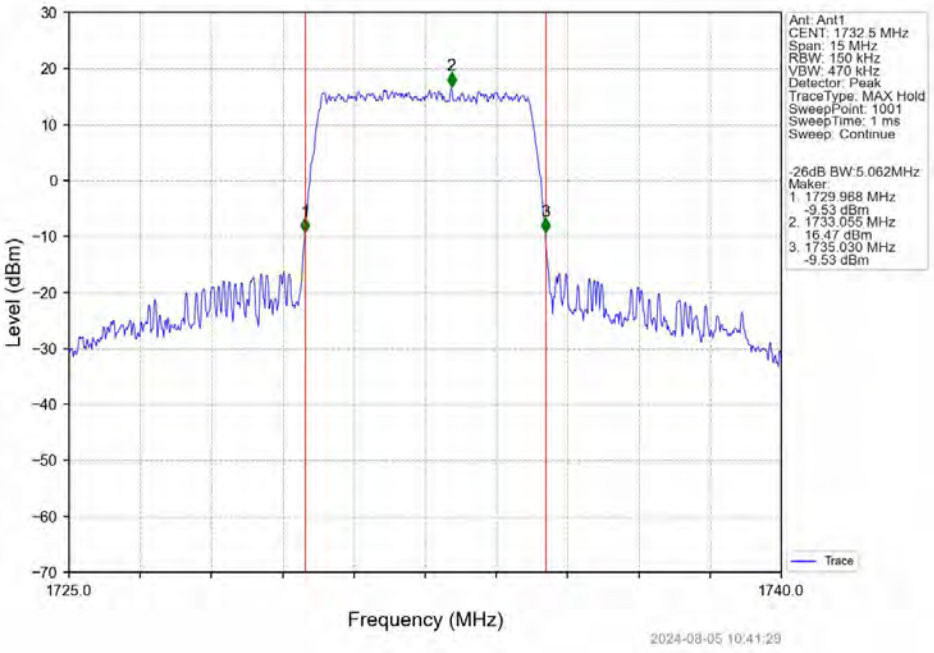
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



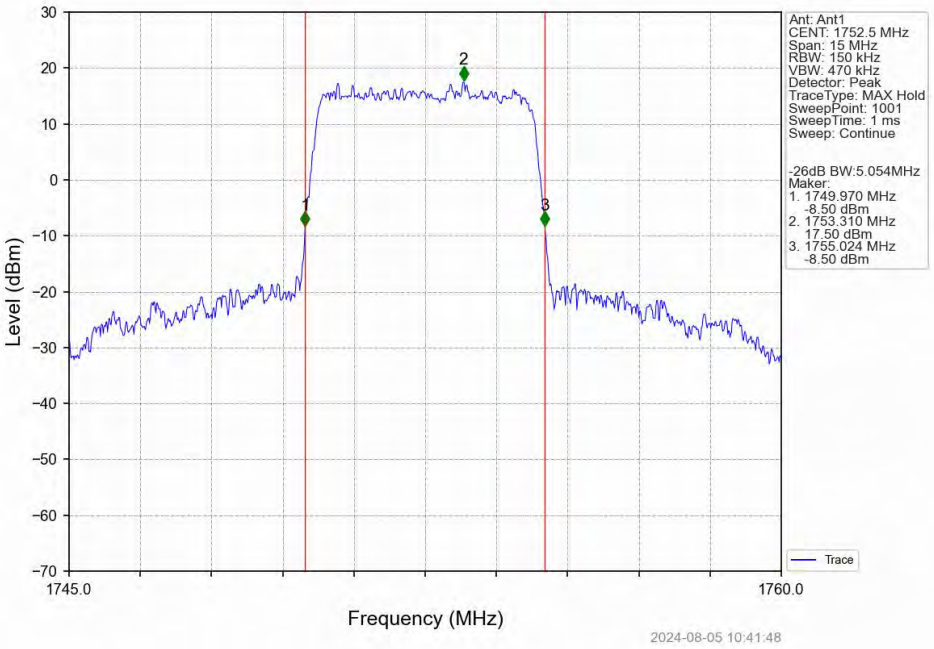
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



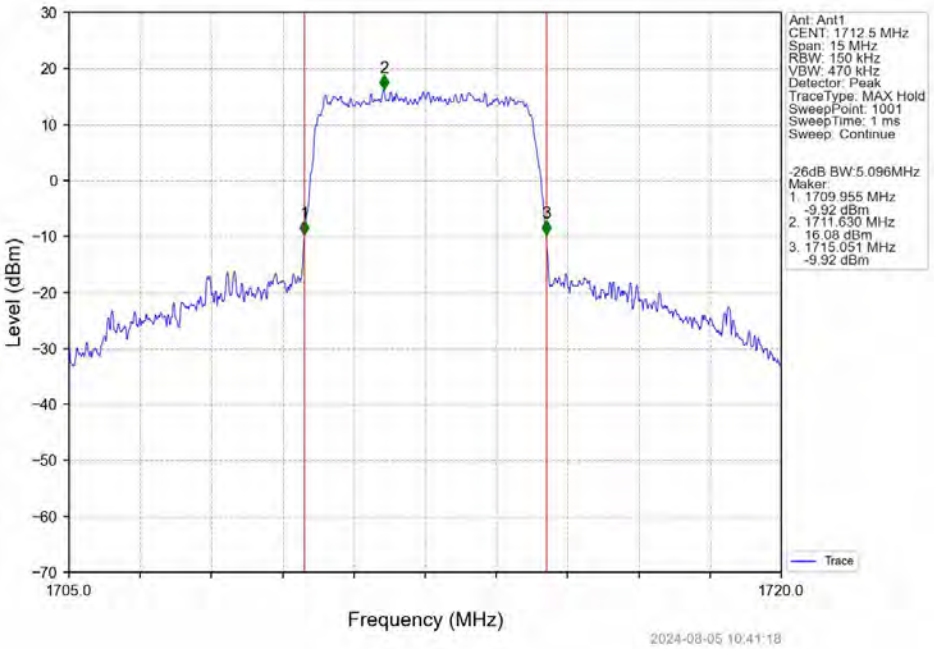
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



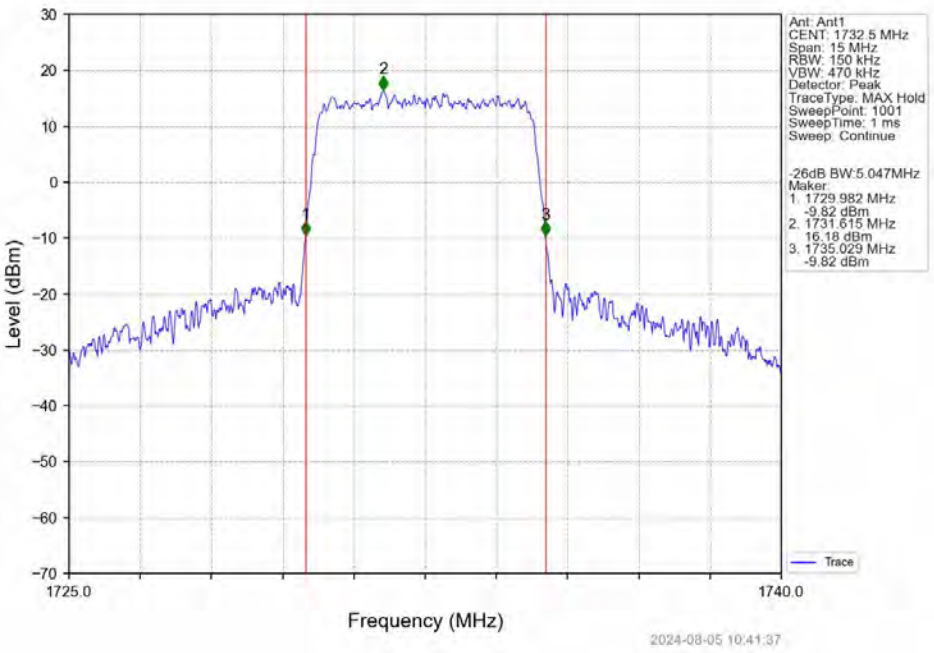
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



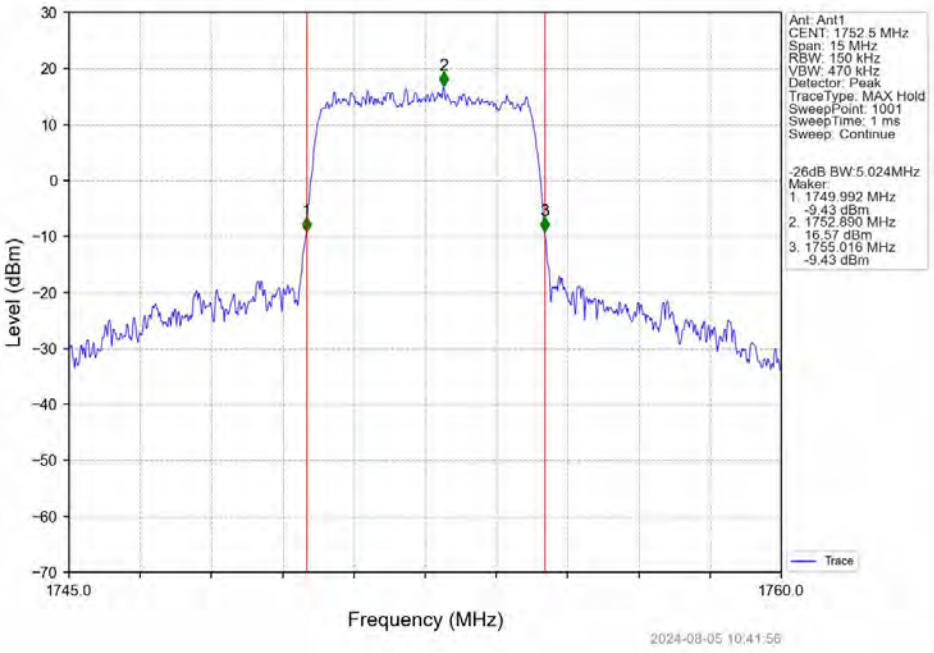
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



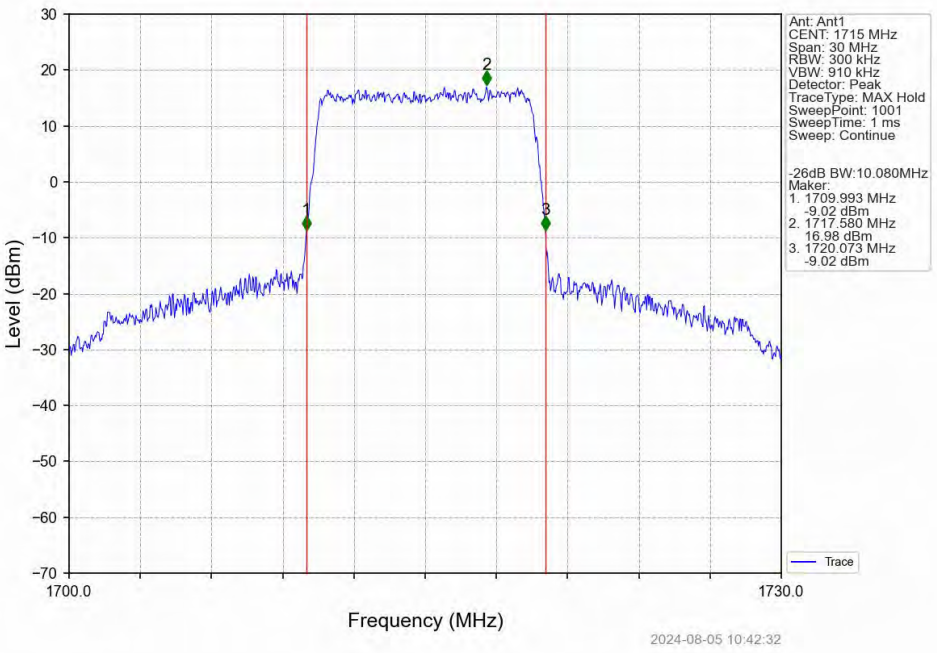
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



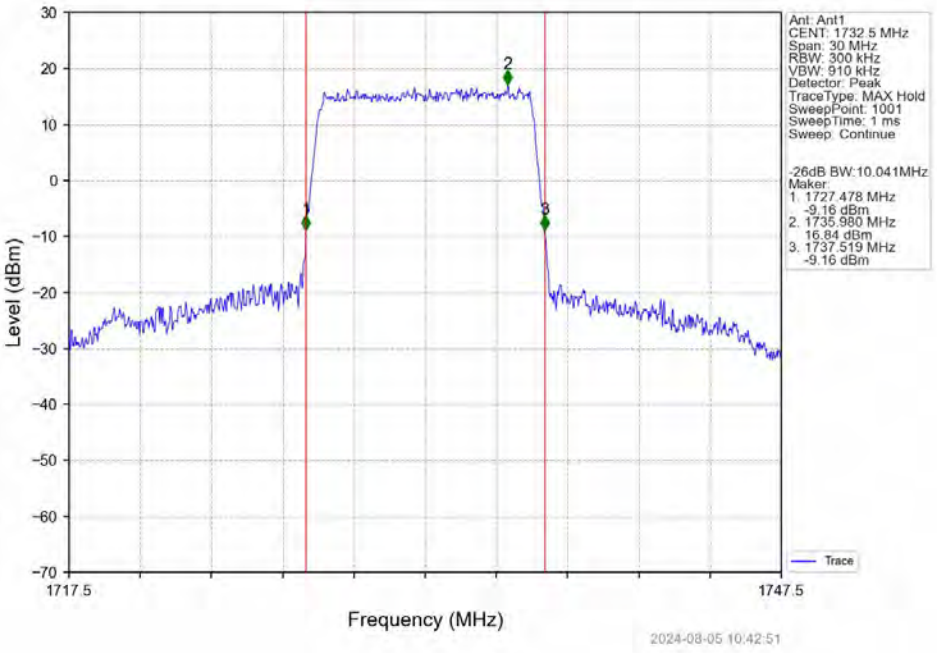
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



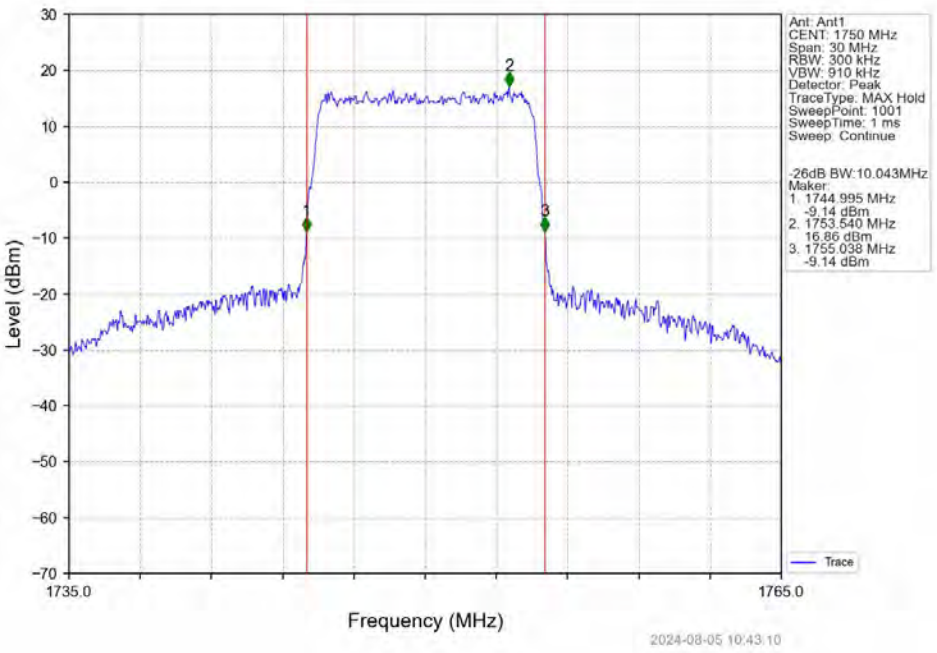
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



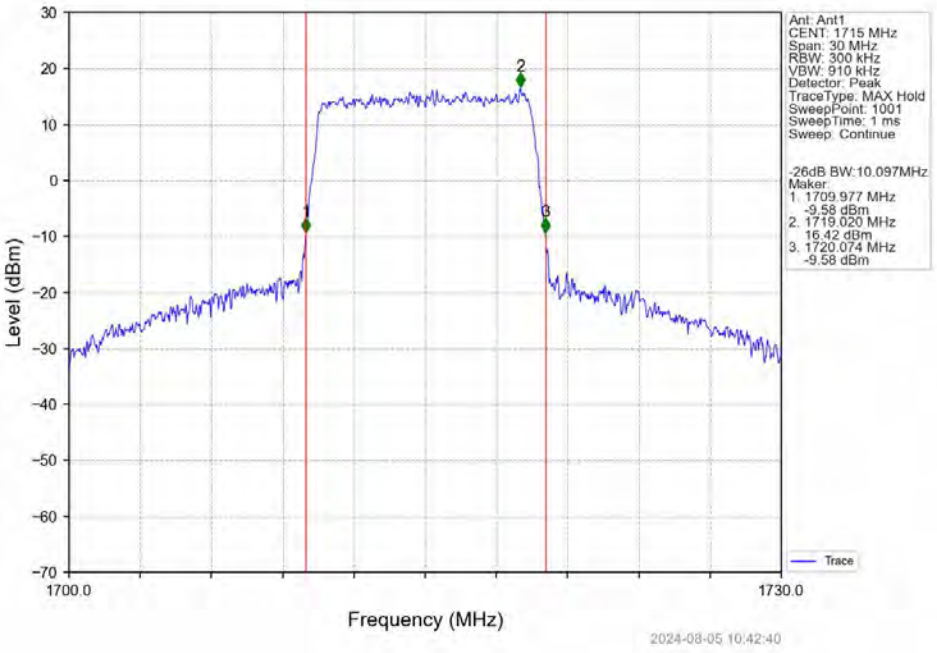
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



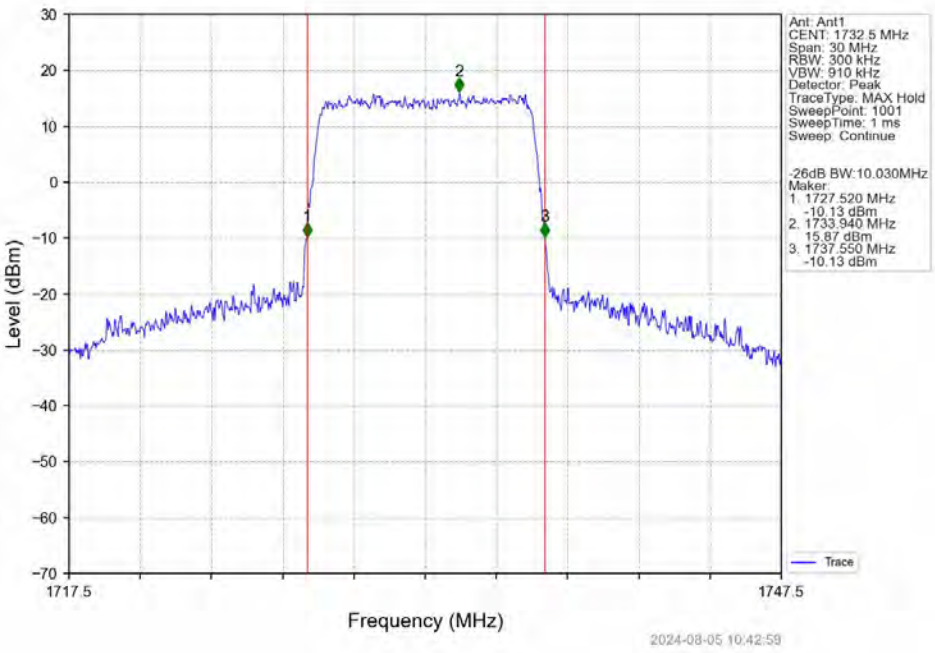
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



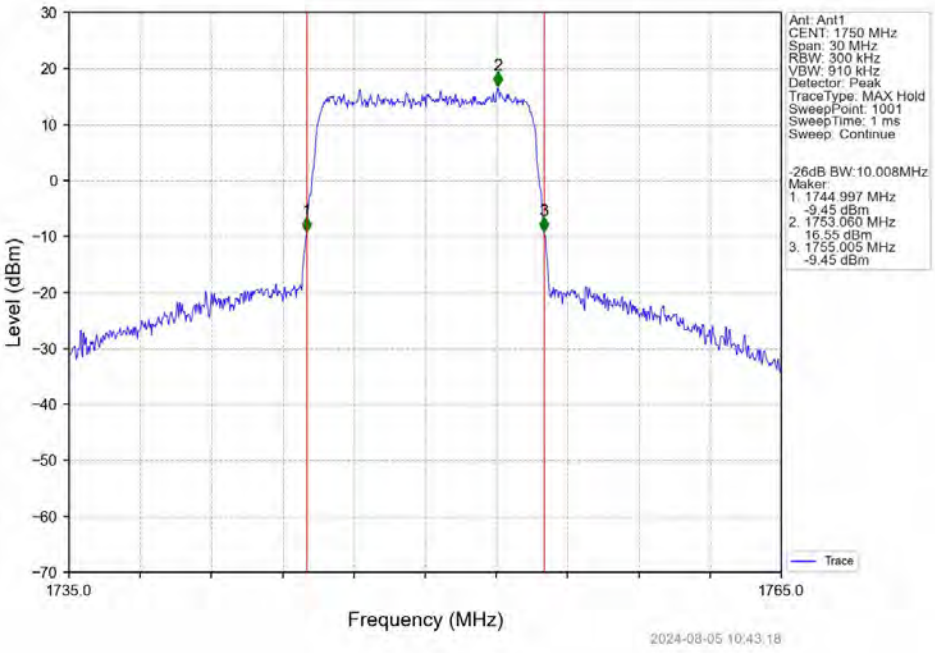
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



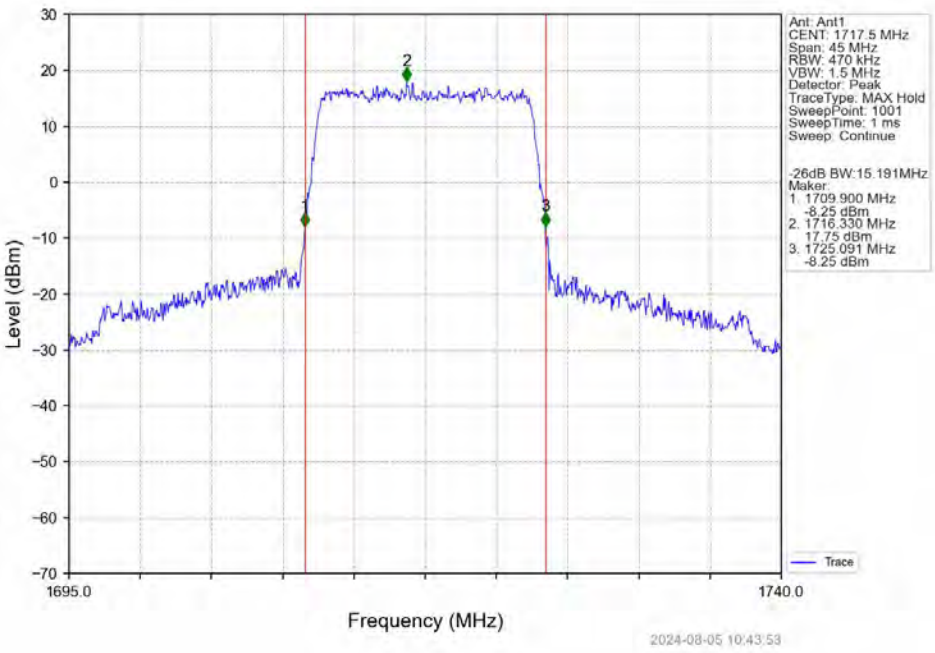
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



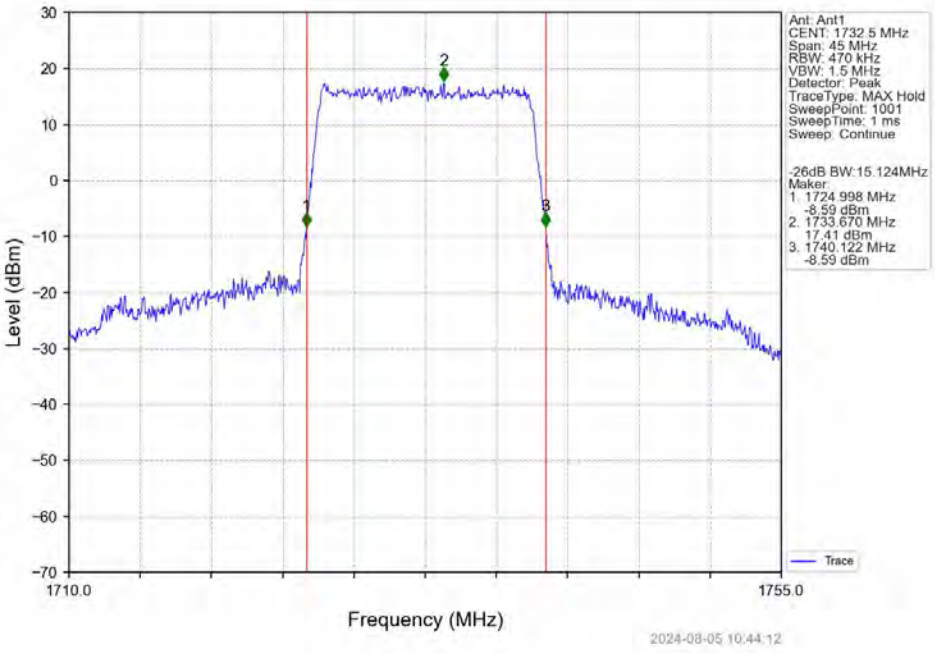
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



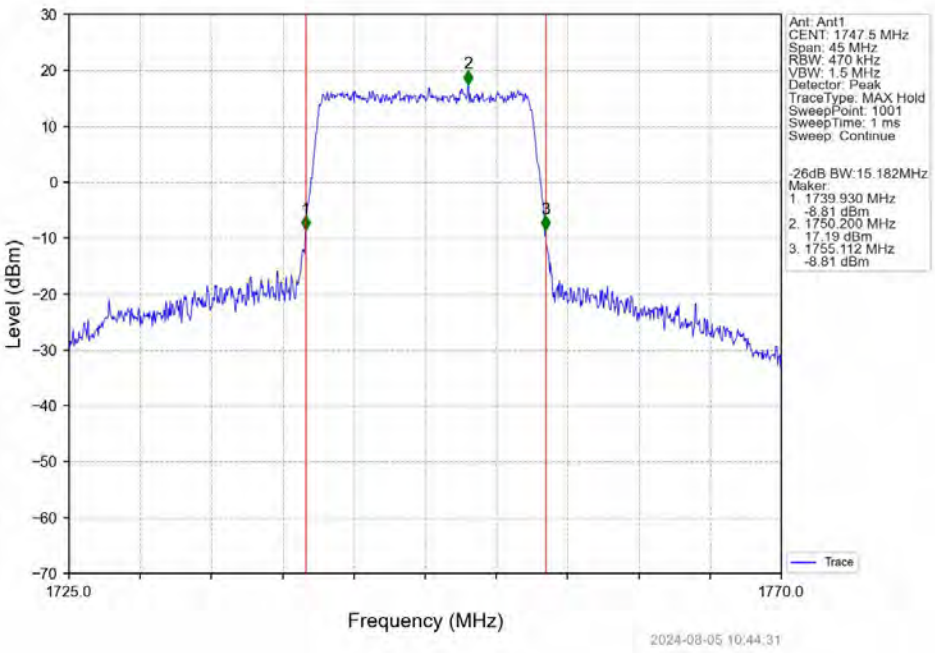
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



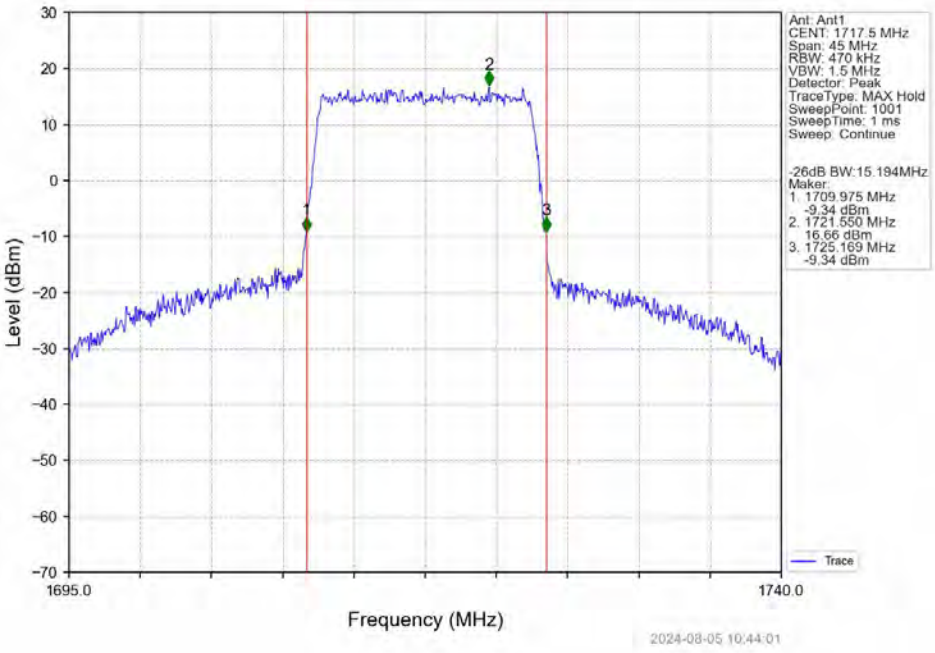
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



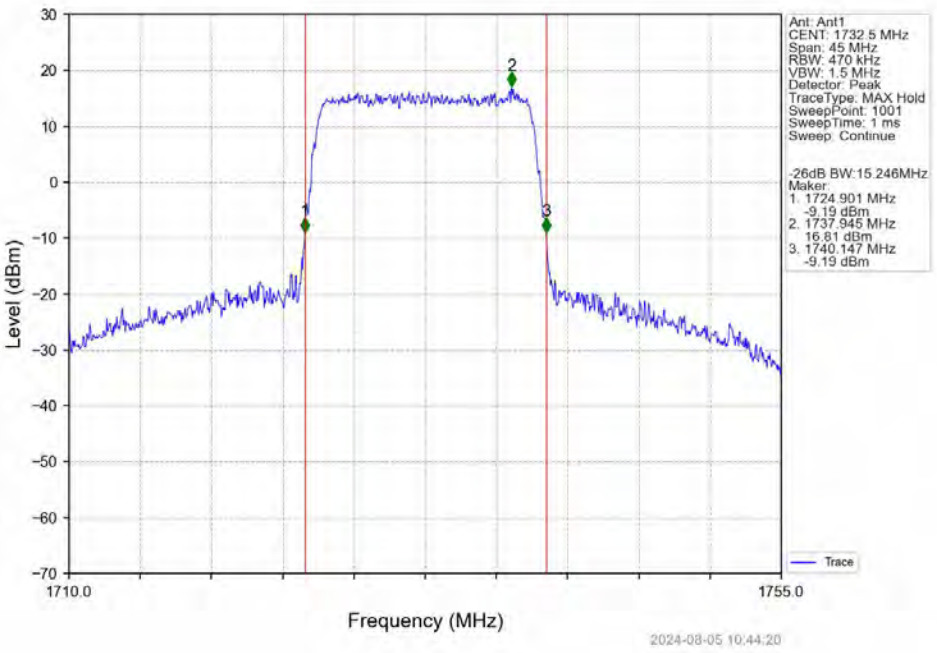
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



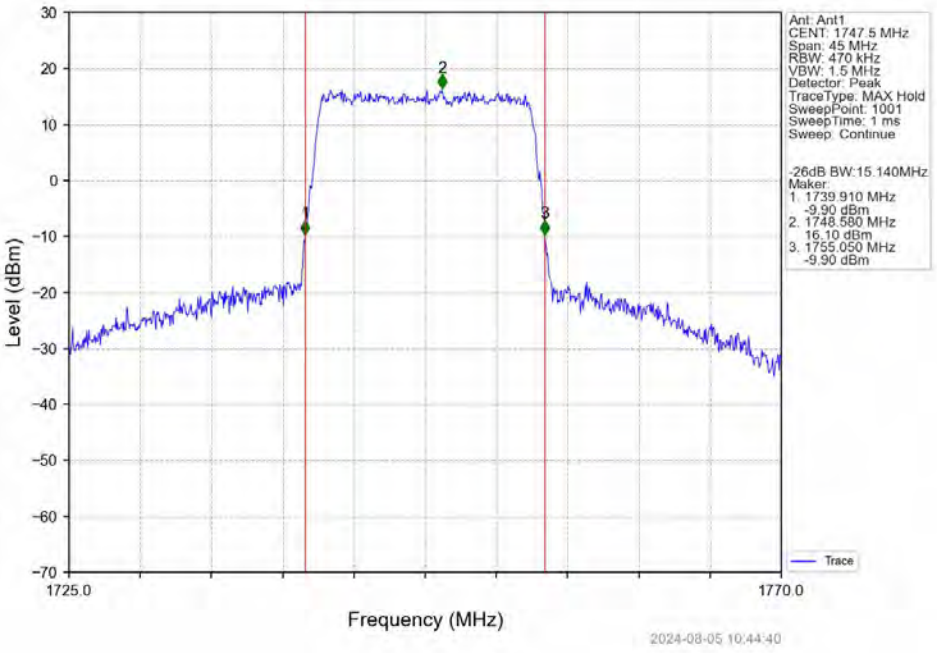
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



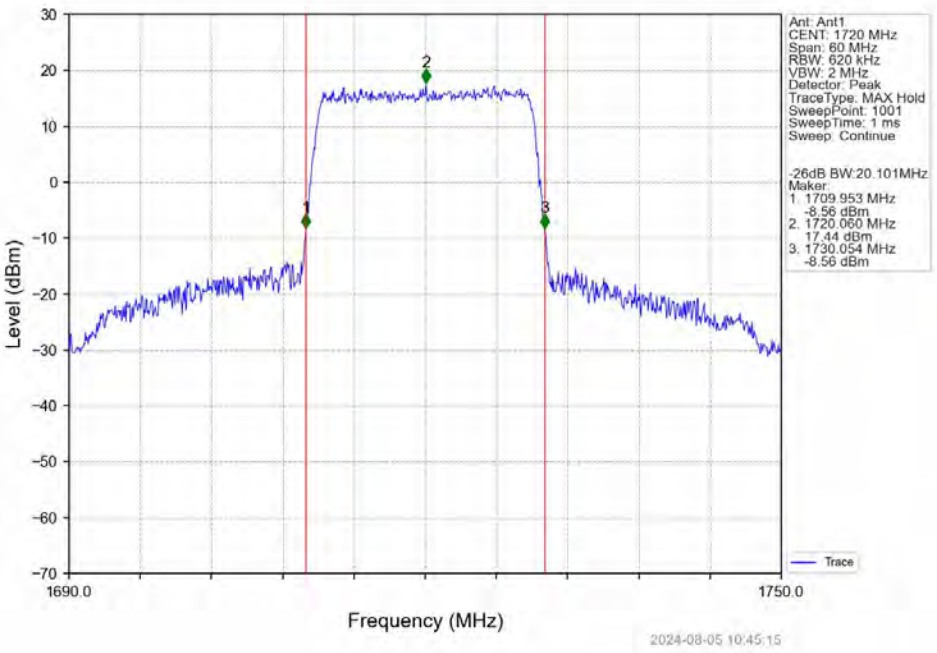
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



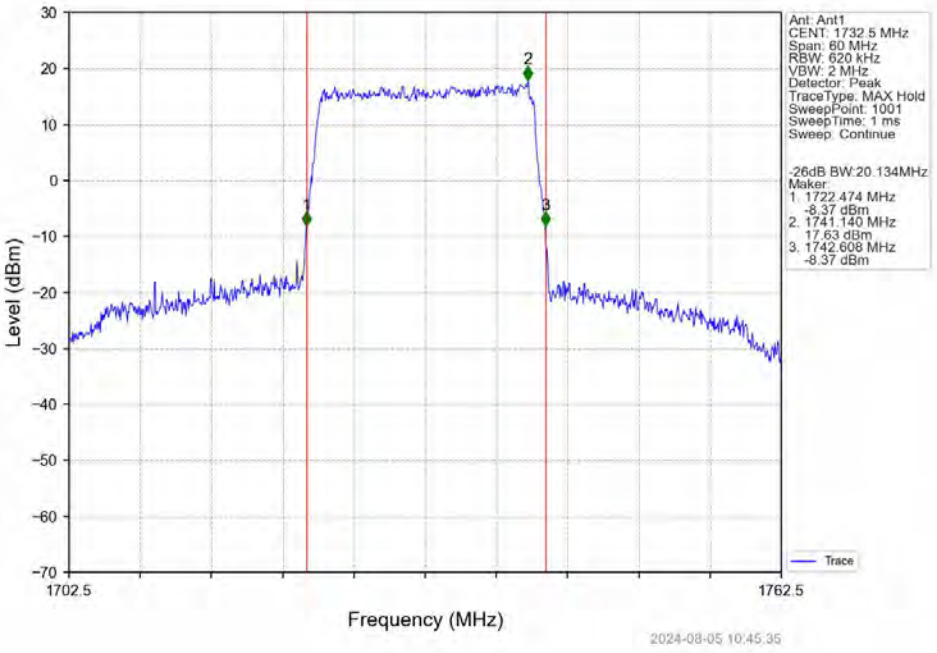
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



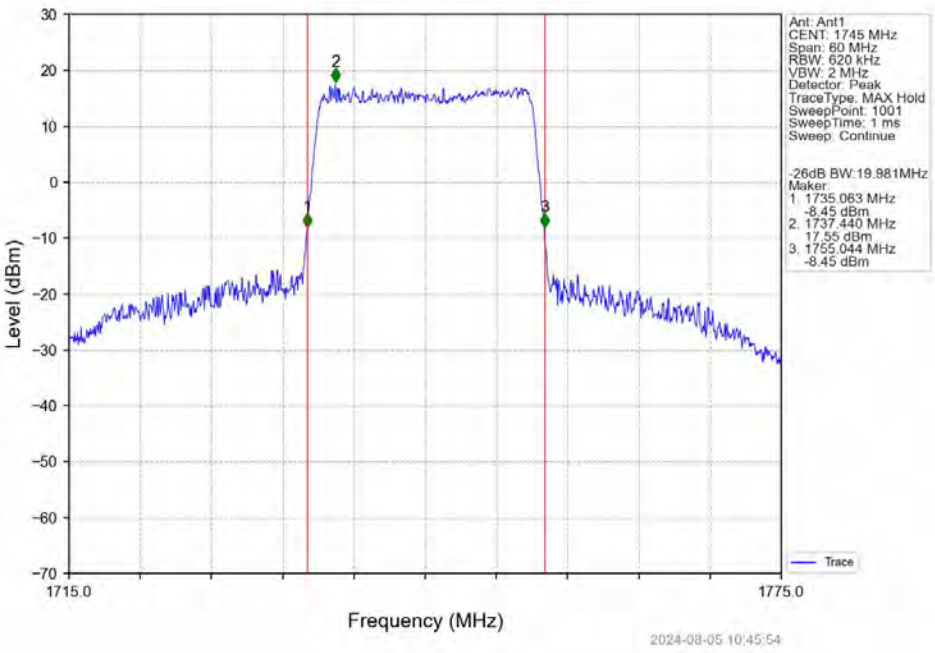
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



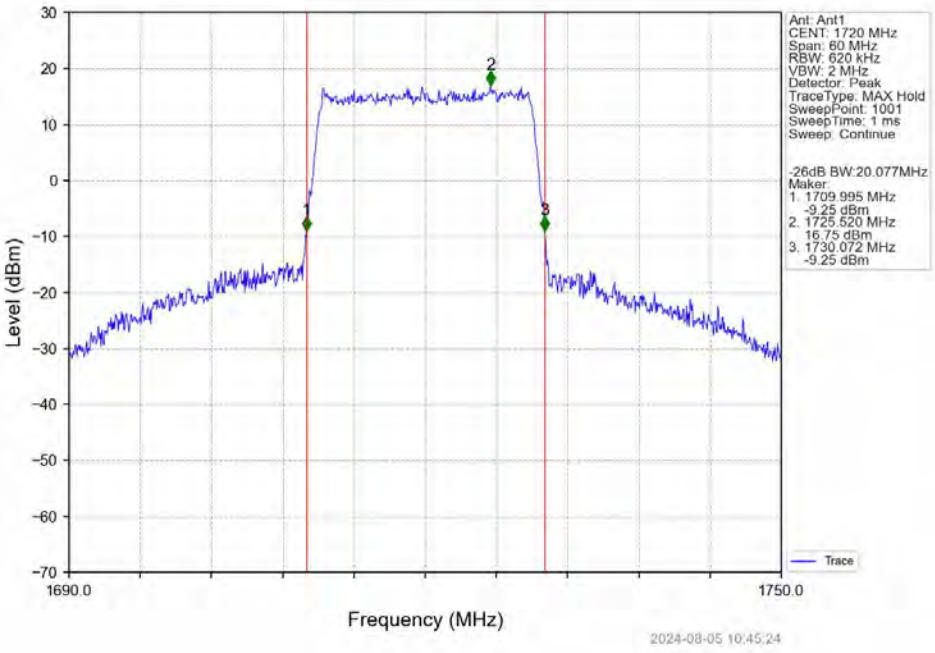
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



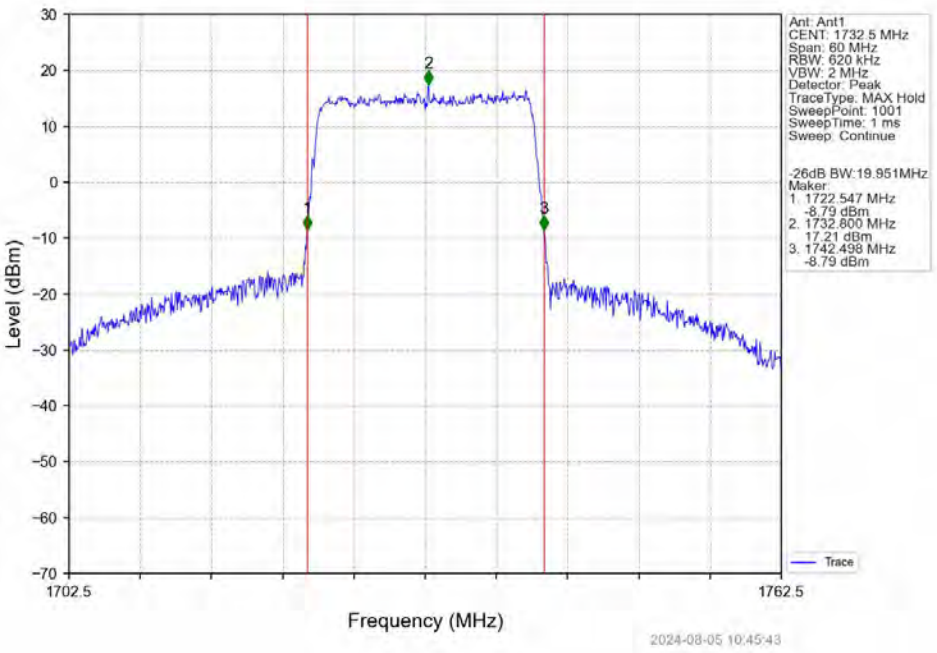
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



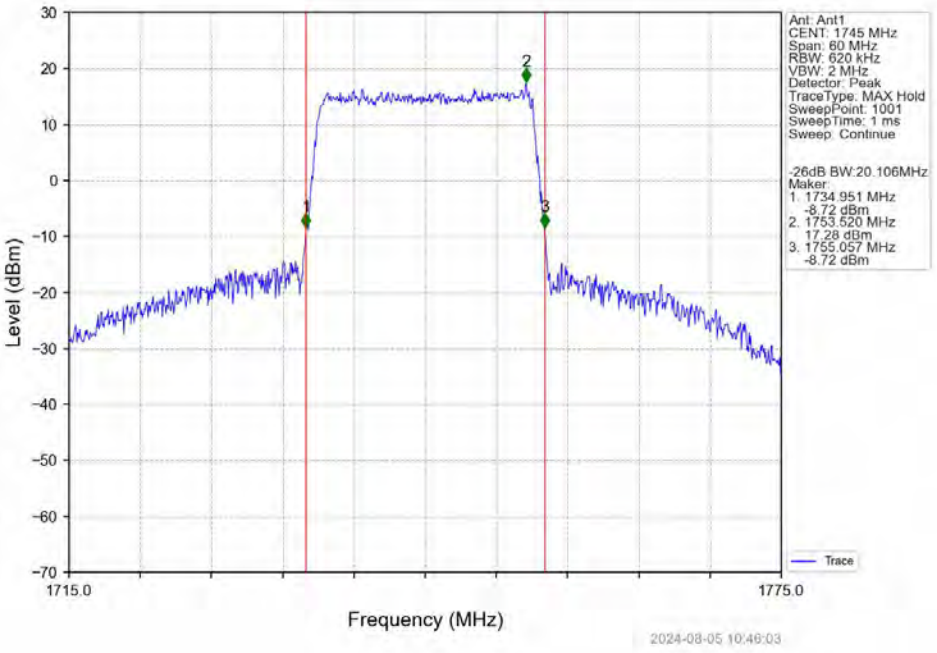
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.01	<=13	Pass
	1732.5	6	0	5.28	<=13	Pass
	1754.3	6	0	5.20	<=13	Pass
16QAM	1710.7	6	0	5.74	<=13	Pass
	1732.5	6	0	6.12	<=13	Pass
	1754.3	6	0	5.88	<=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	5.09	<=13	Pass
	1732.5	15	0	5.38	<=13	Pass
	1753.5	15	0	5.22	<=13	Pass
16QAM	1711.5	15	0	5.91	<=13	Pass
	1732.5	15	0	6.20	<=13	Pass
	1753.5	15	0	6.05	<=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	5.27	<=13	Pass
	1732.5	25	0	5.49	<=13	Pass
	1752.5	25	0	5.40	<=13	Pass
16QAM	1712.5	25	0	6.01	<=13	Pass
	1732.5	25	0	6.18	<=13	Pass
	1752.5	25	0	6.07	<=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	5.34	<=13	Pass
	1732.5	50	0	5.54	<=13	Pass
	1750	50	0	5.47	<=13	Pass
16QAM	1715	50	0	6.10	<=13	Pass
	1732.5	50	0	6.29	<=13	Pass

	1750	50	0	6.16	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.49	<=13	Pass
	1732.5	75	0	5.64	<=13	Pass
	1747.5	75	0	5.49	<=13	Pass
16QAM	1717.5	75	0	6.02	<=13	Pass
	1732.5	75	0	6.14	<=13	Pass
	1747.5	75	0	6.03	<=13	Pass

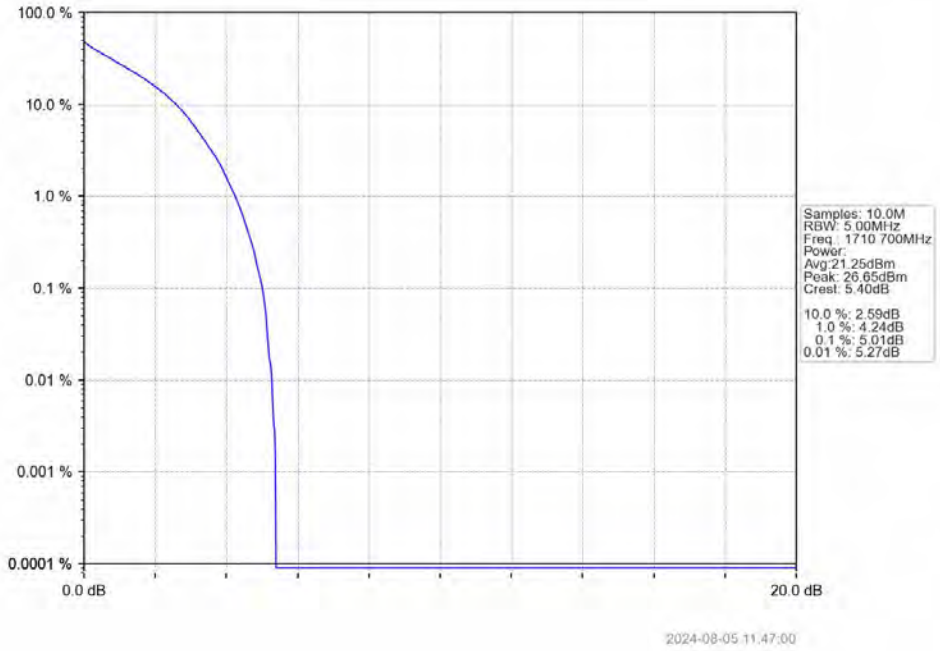
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.39	<=13	Pass
	1732.5	100	0	5.53	<=13	Pass
	1745	100	0	5.46	<=13	Pass
16QAM	1720	100	0	6.10	<=13	Pass
	1732.5	100	0	6.27	<=13	Pass
	1745	100	0	6.13	<=13	Pass

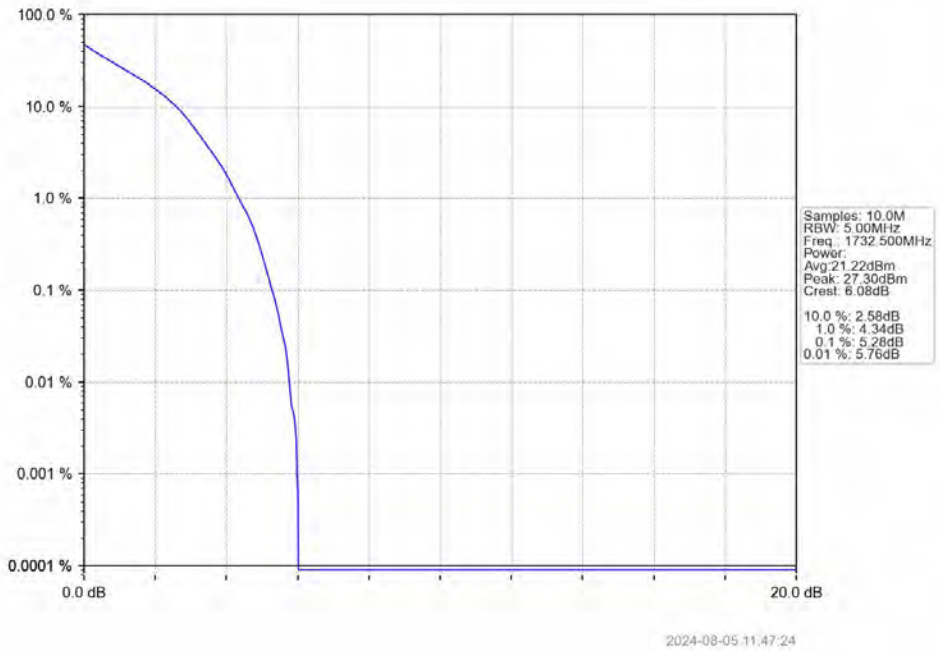
5.2 Test Graph

5.2.1 B4_1.4MHz

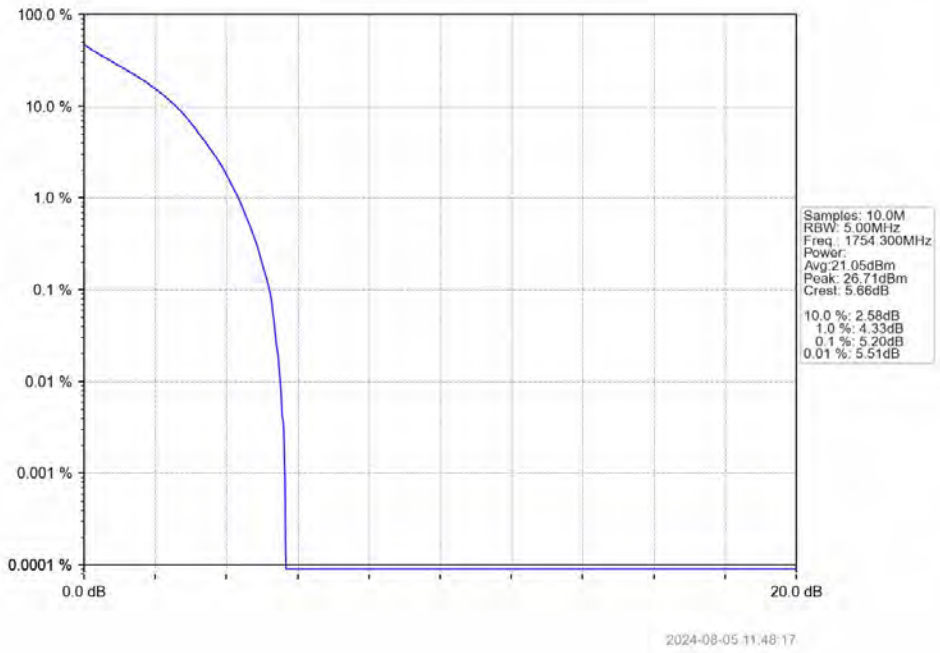
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



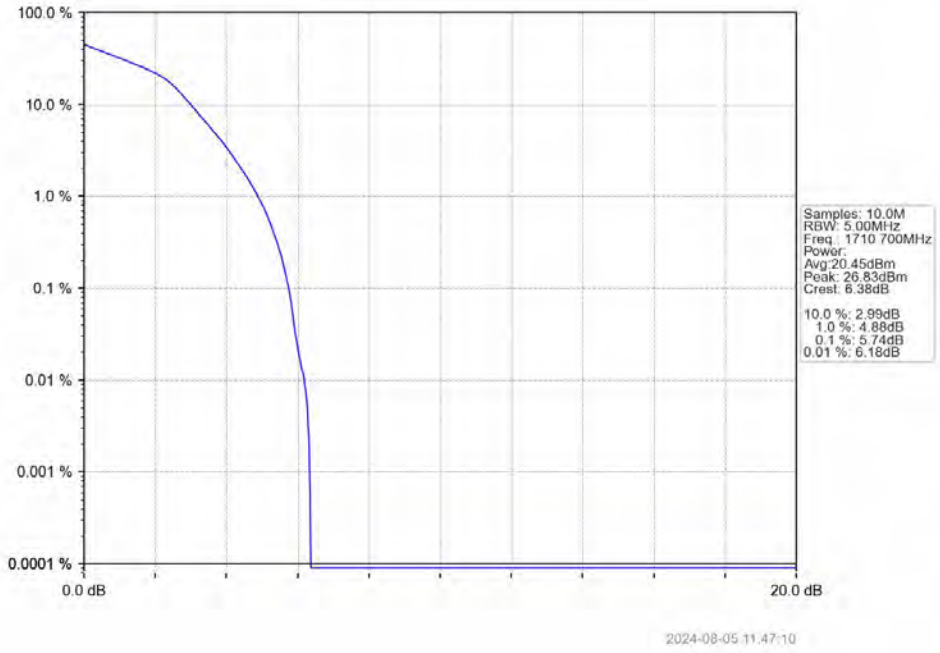
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



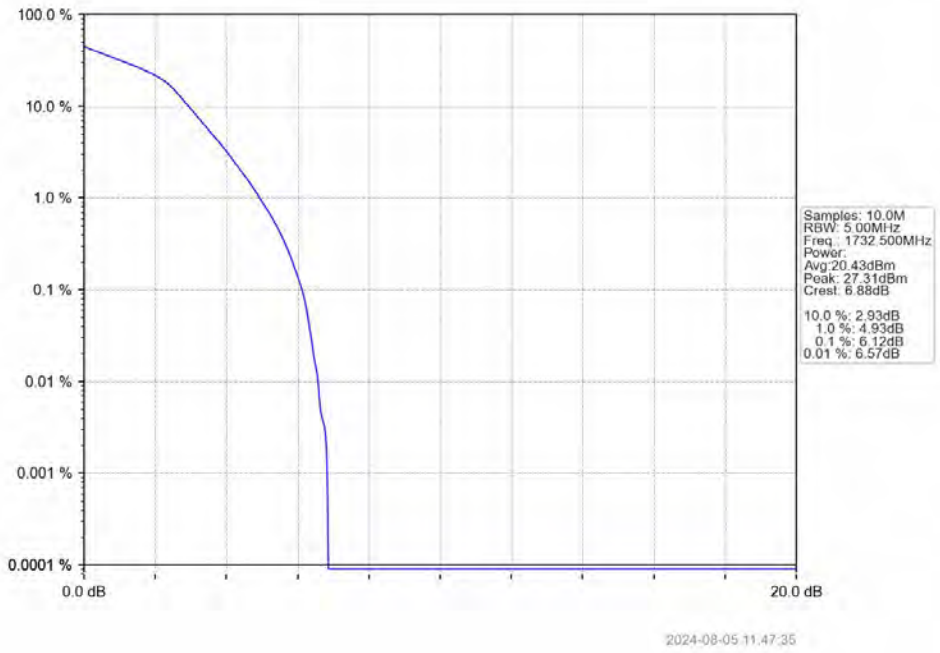
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



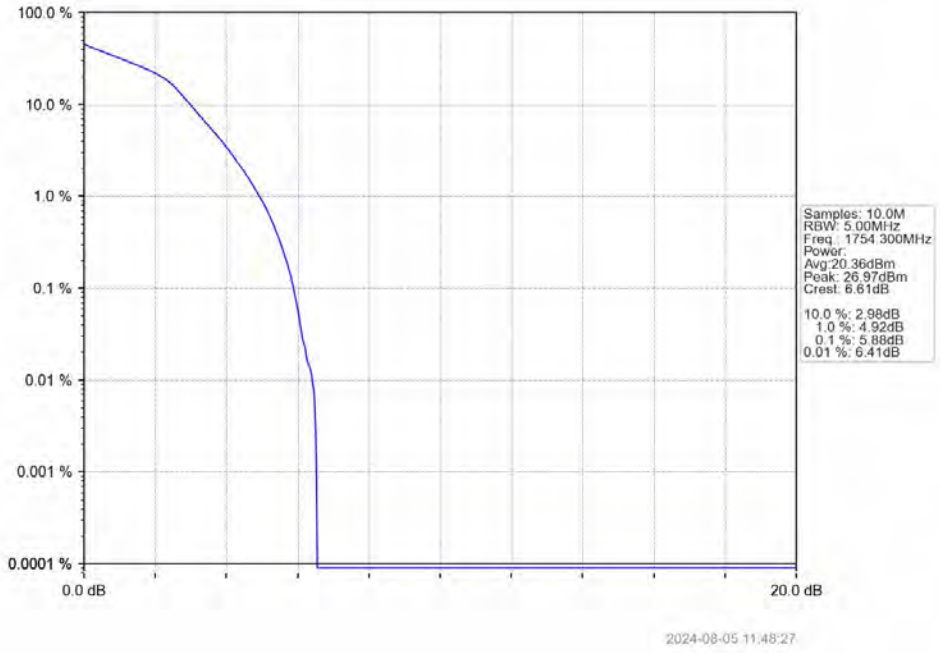
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

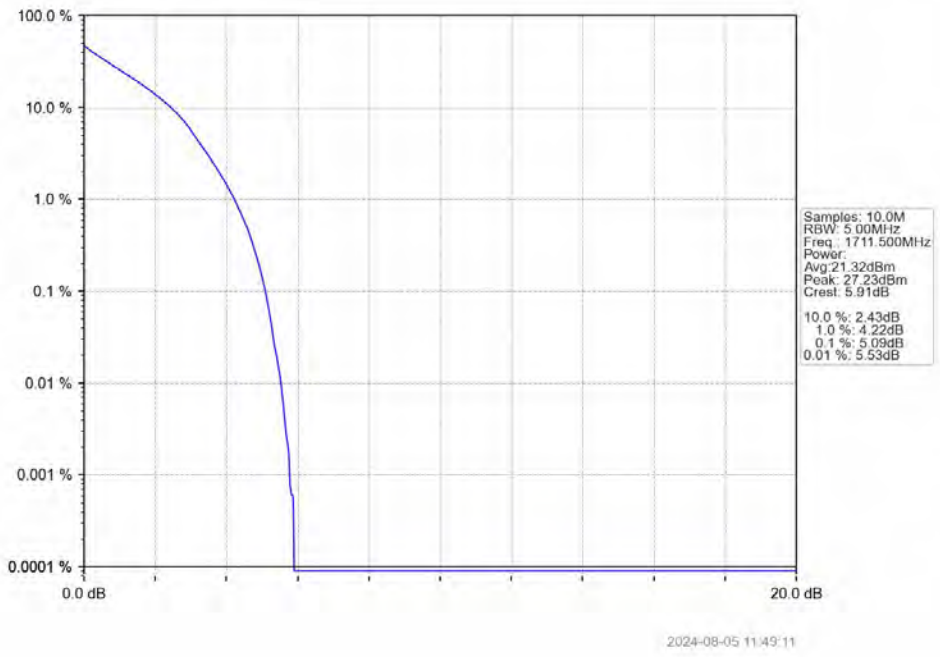


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

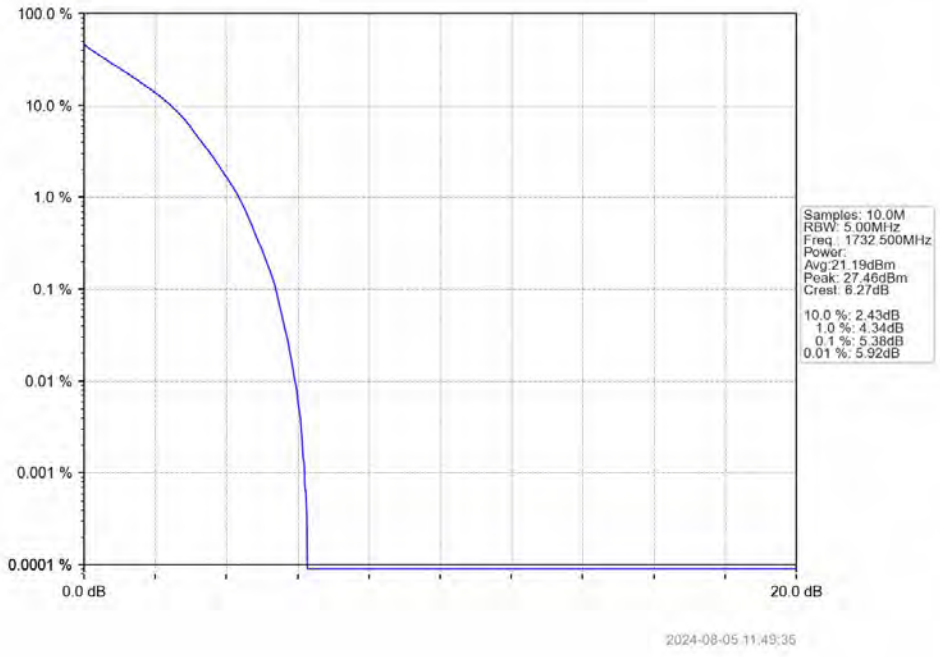


5.2.2 B4_3MHz

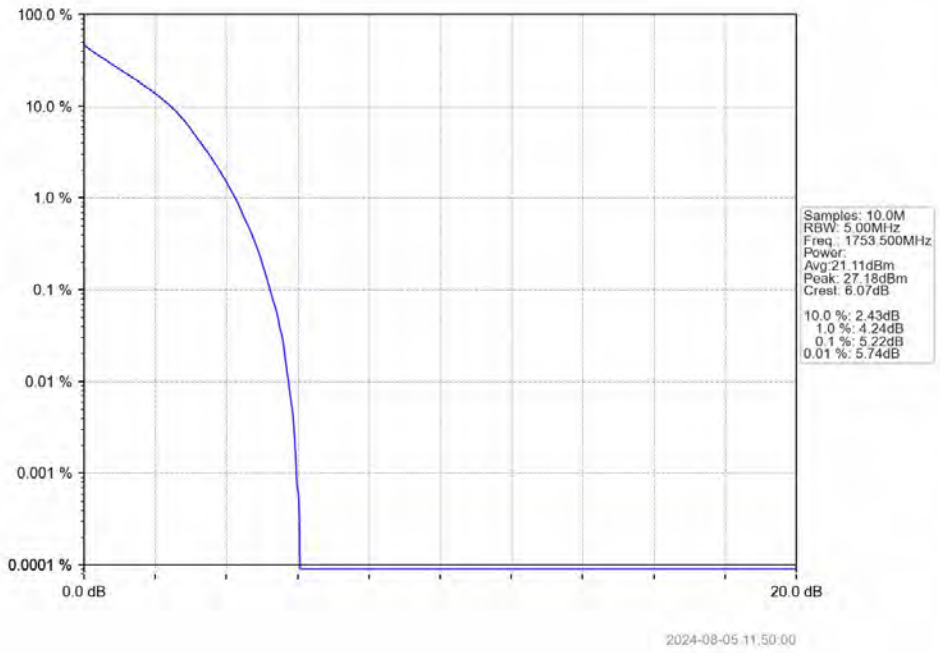
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



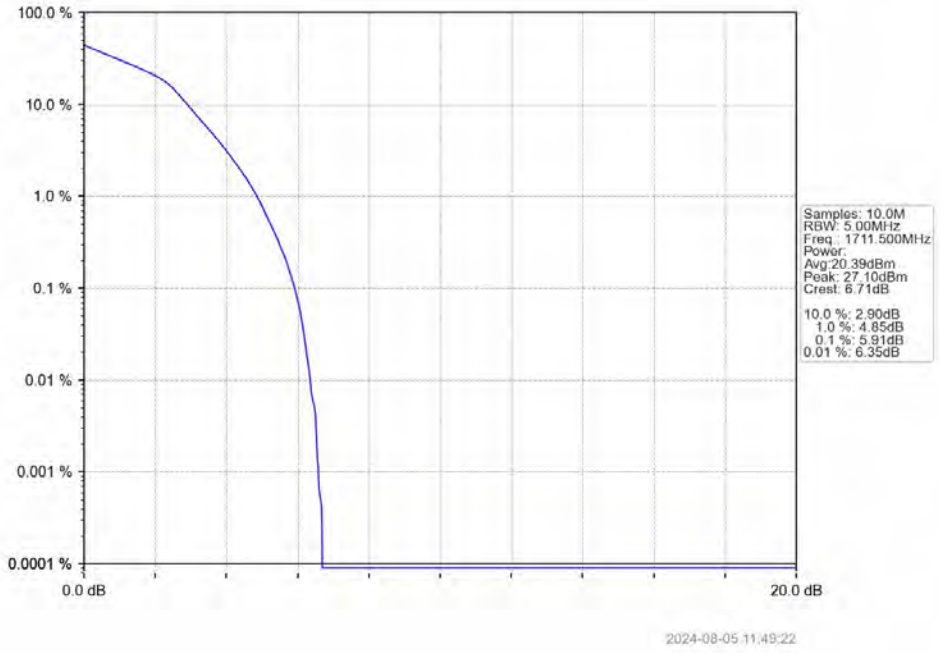
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



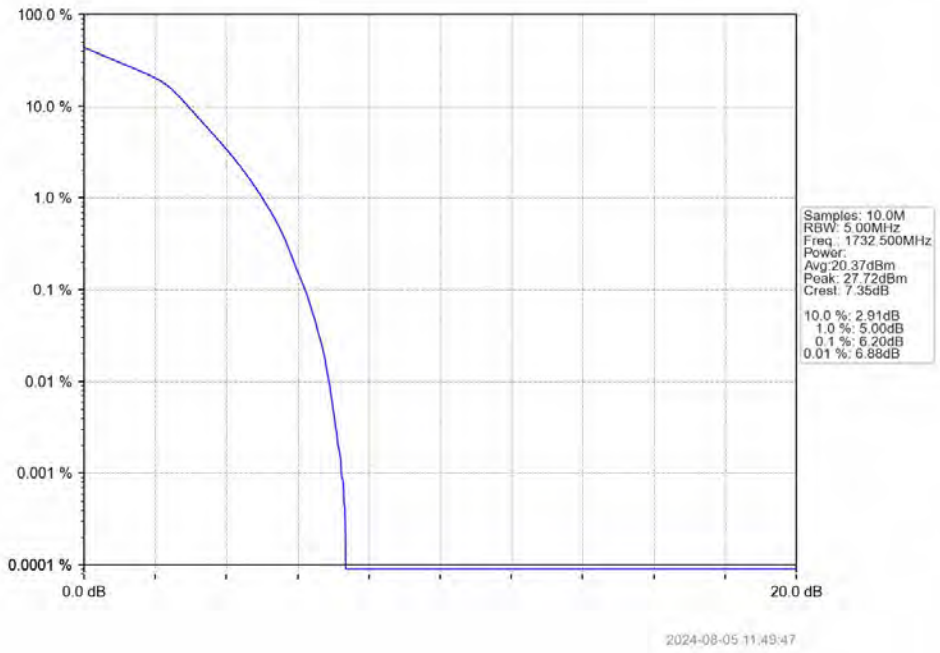
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



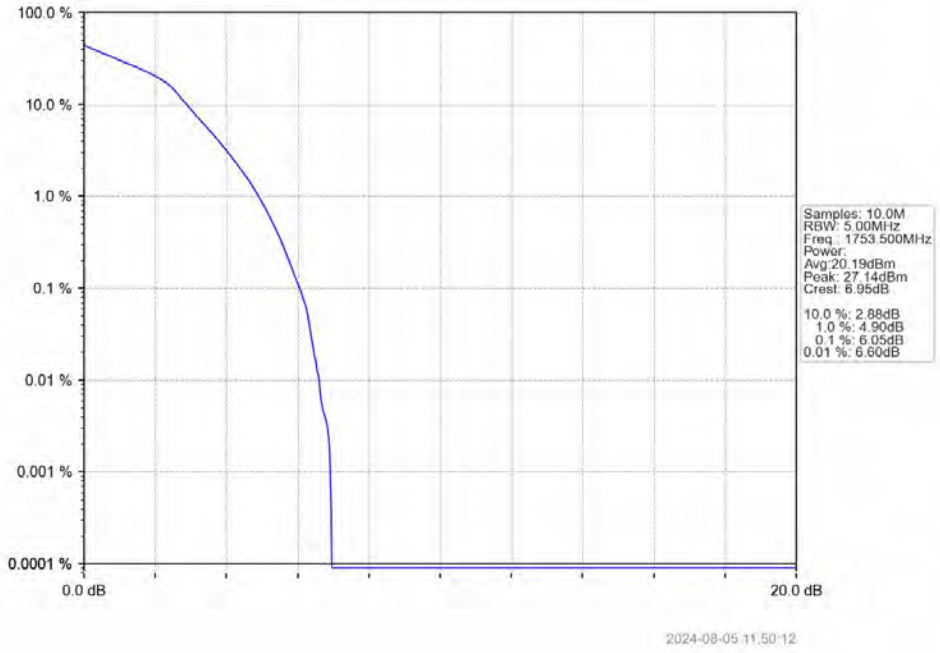
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

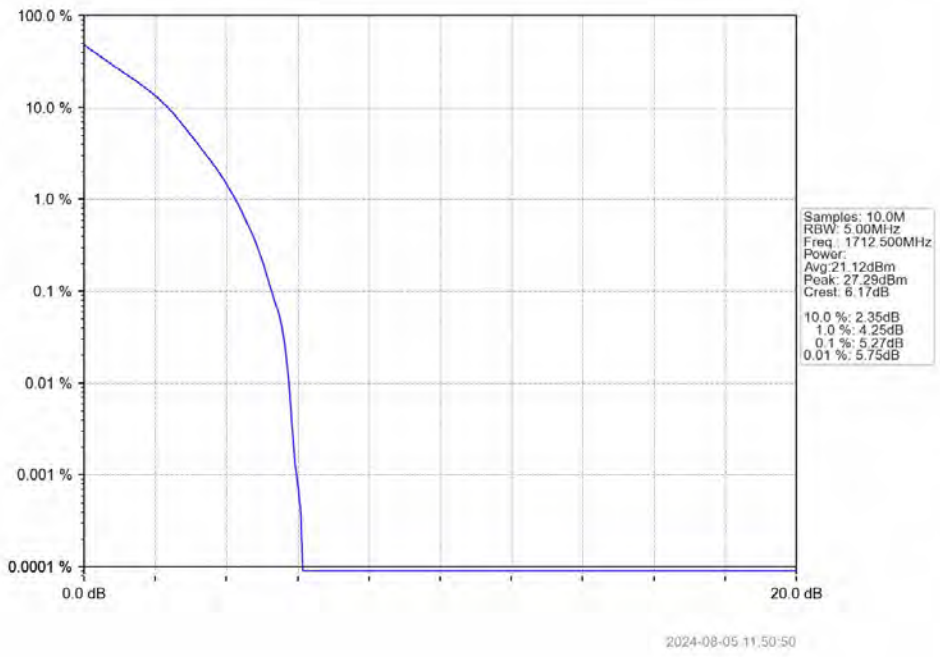


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

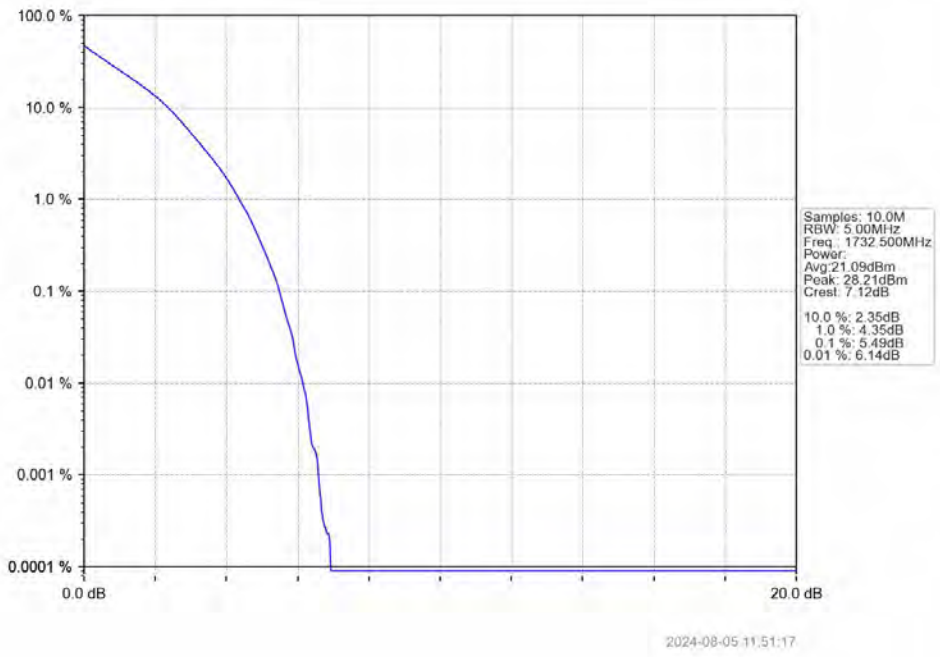


5.2.3 B4_5MHz

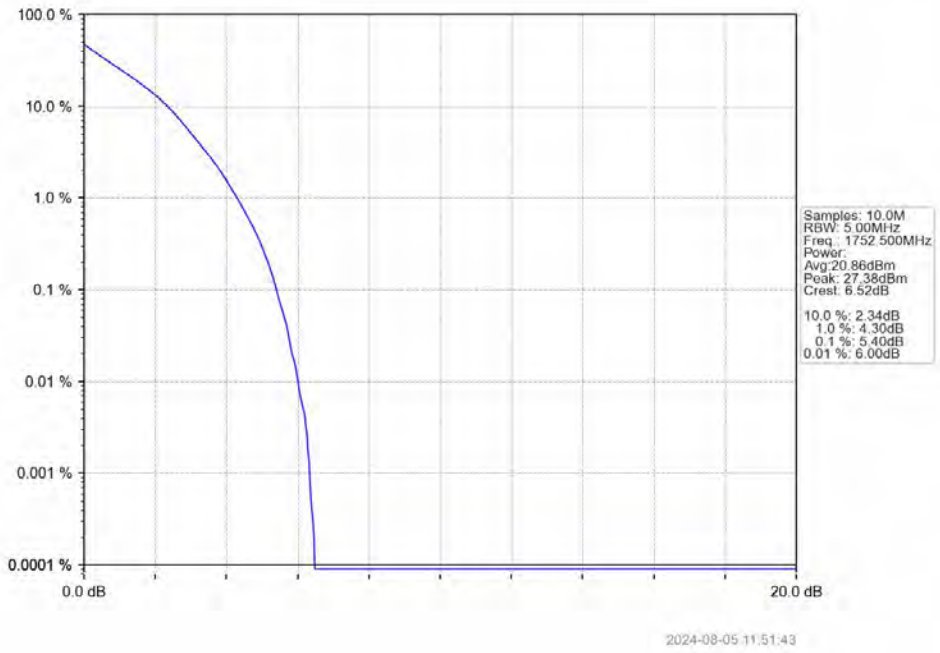
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



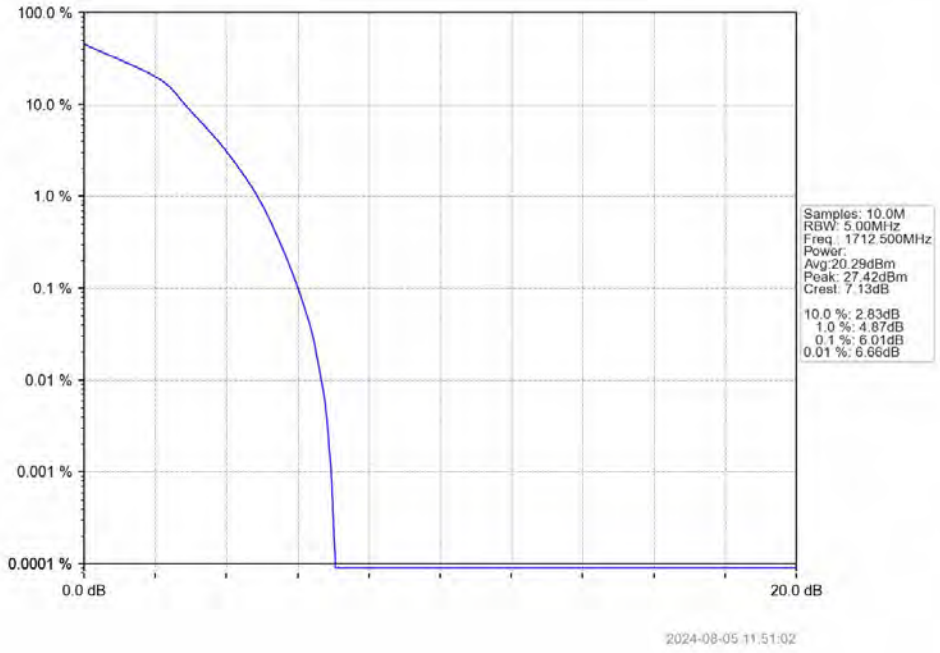
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



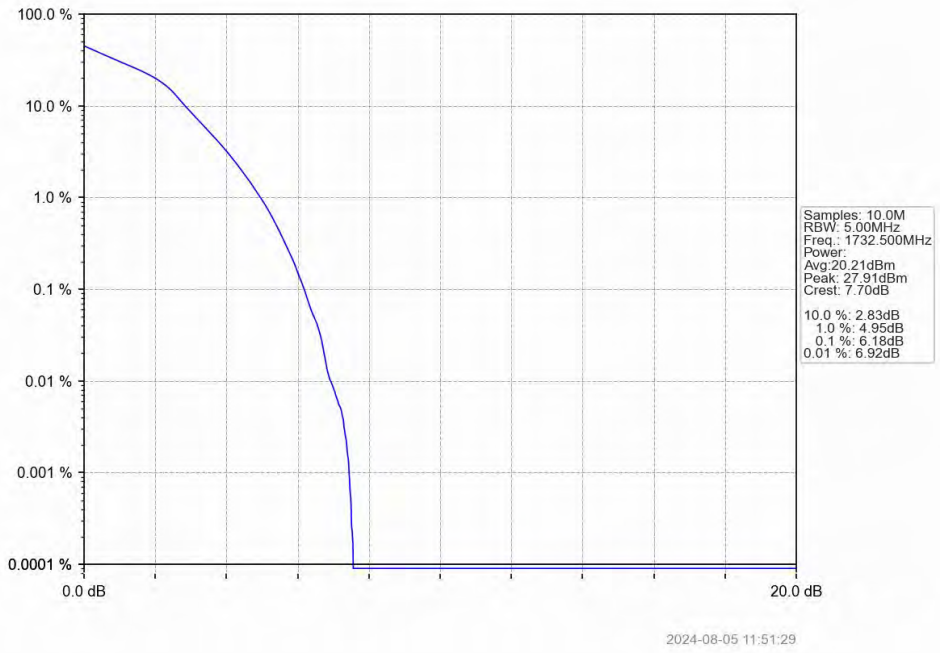
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



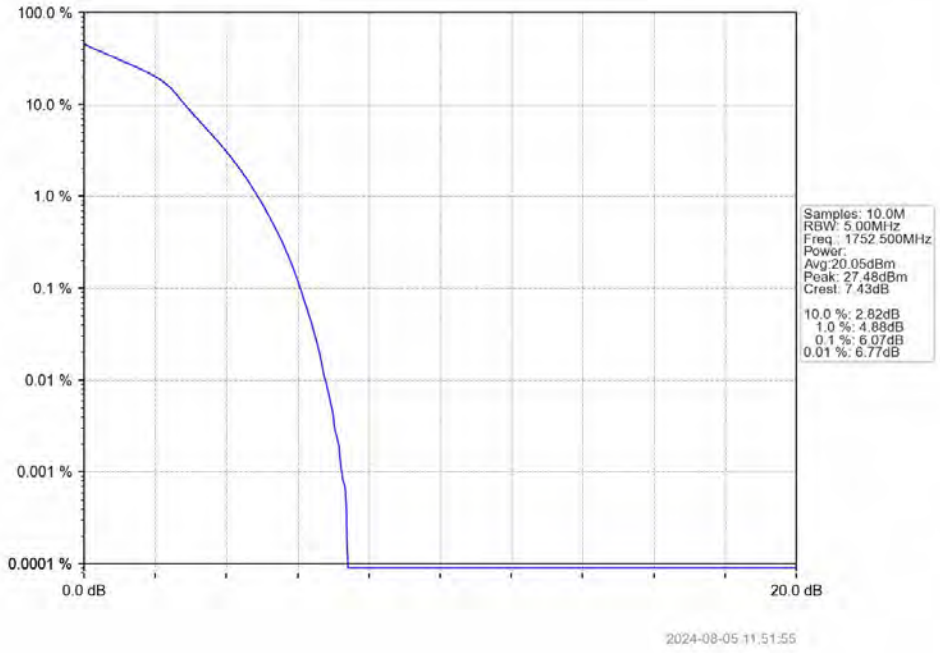
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

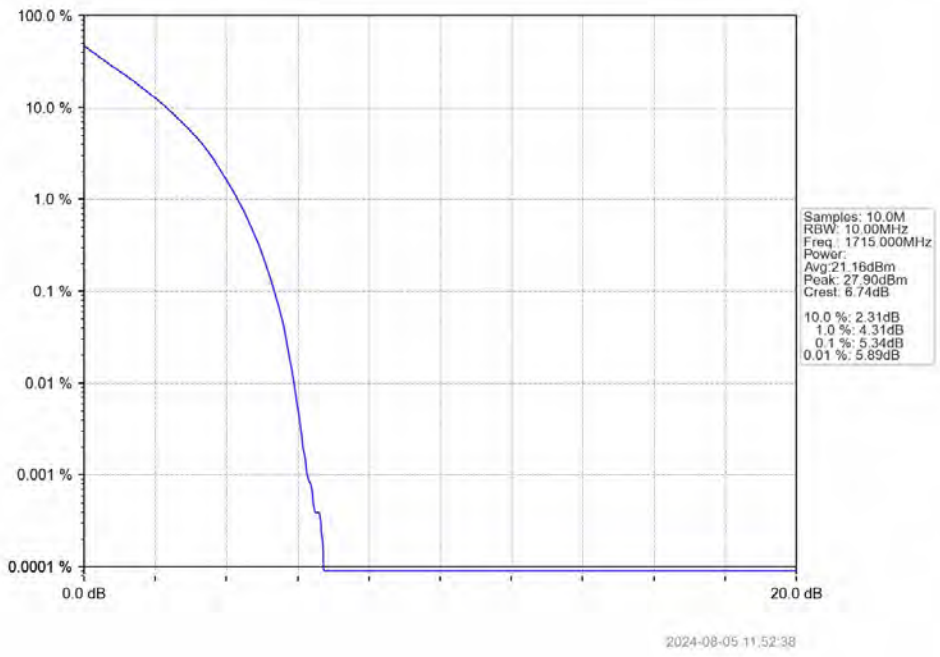


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

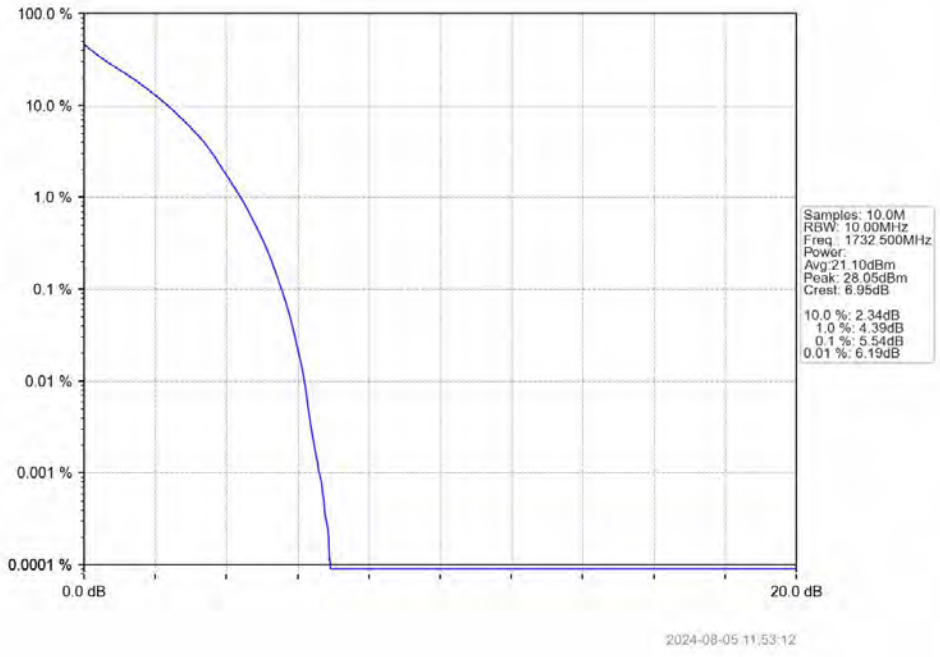


5.2.4 B4_10MHz

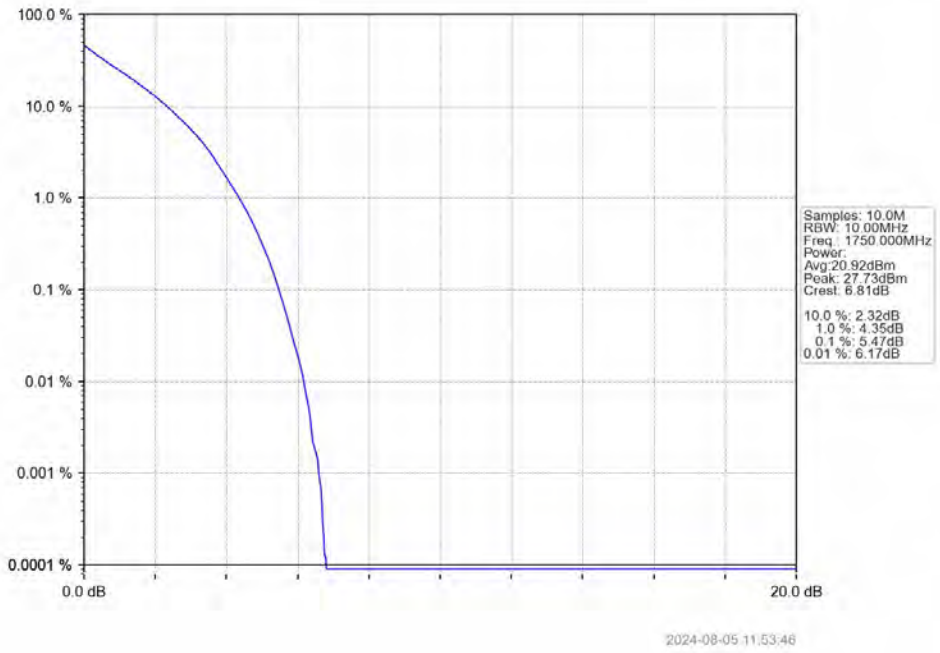
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



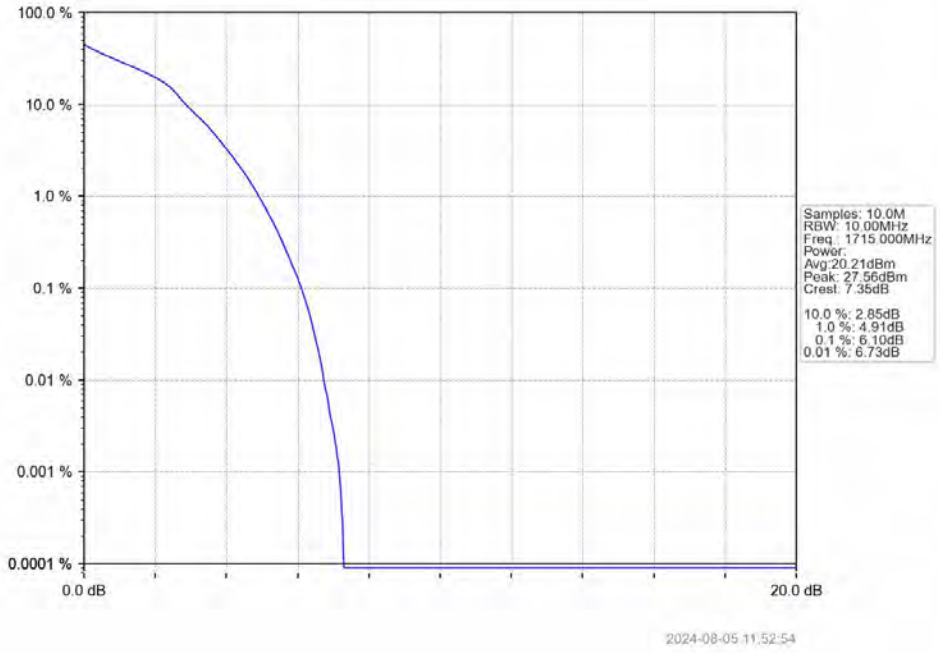
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



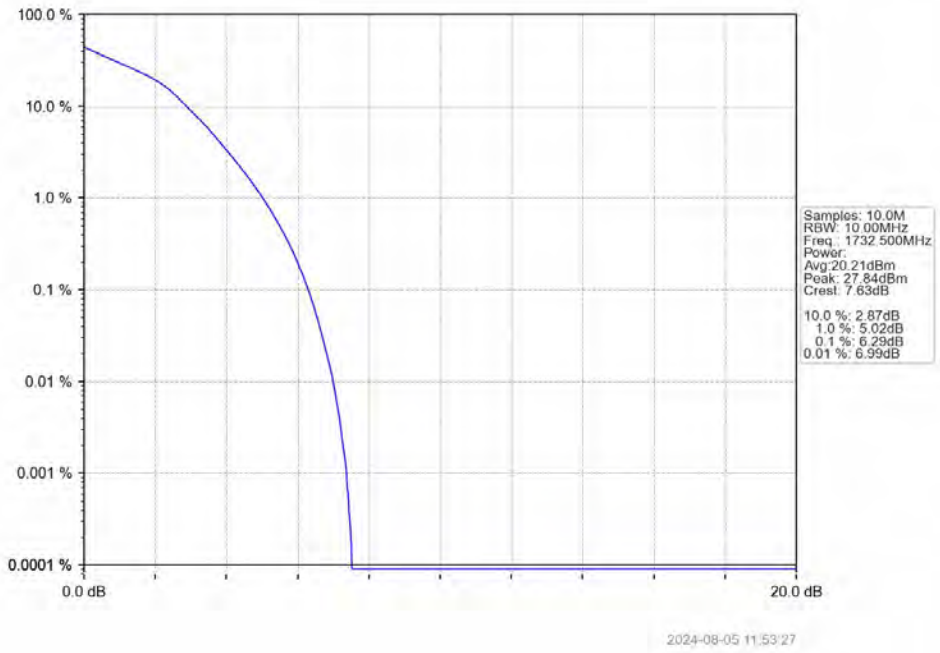
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



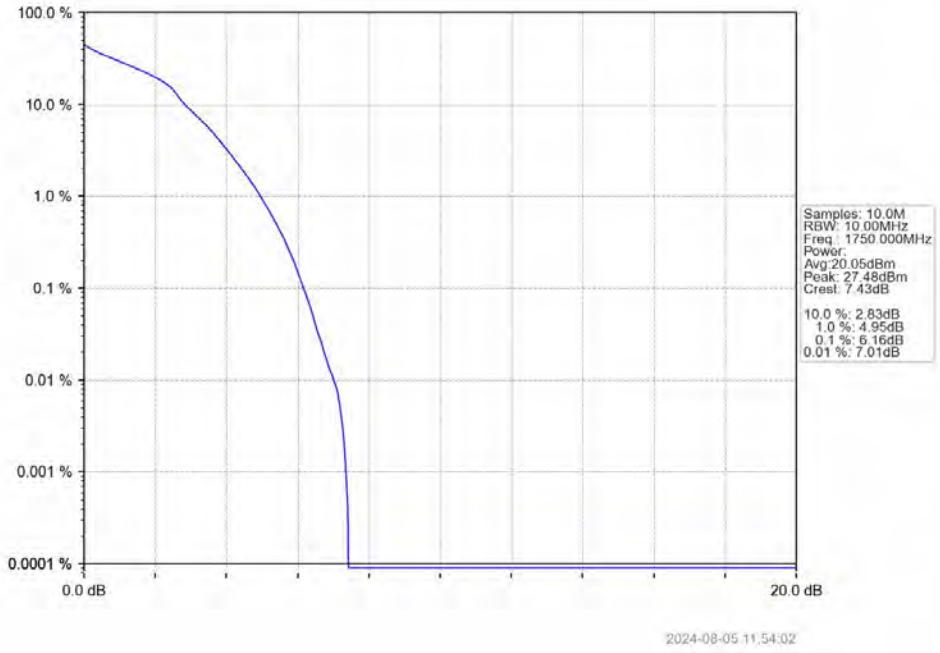
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

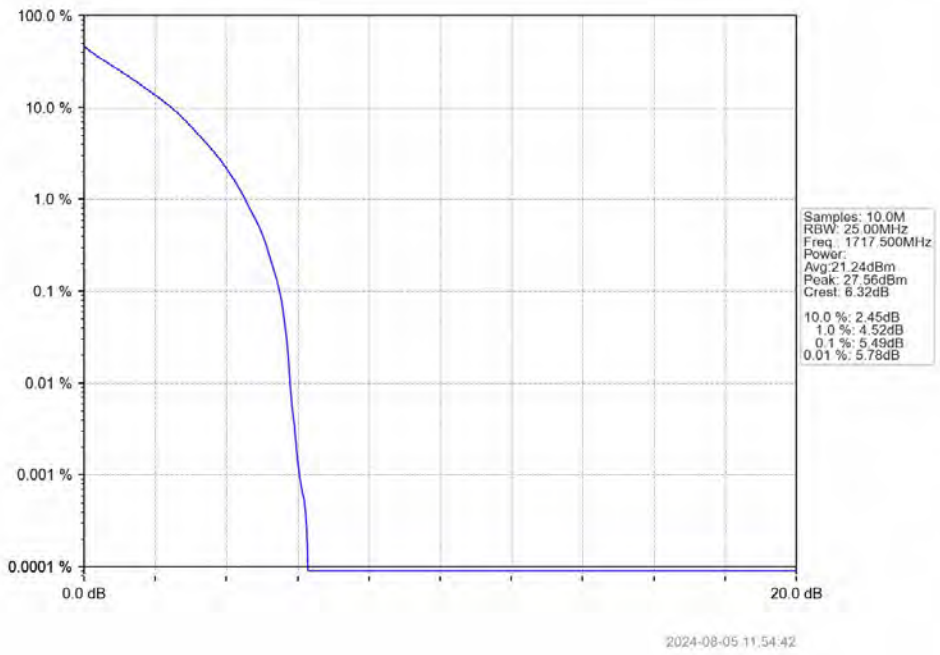


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

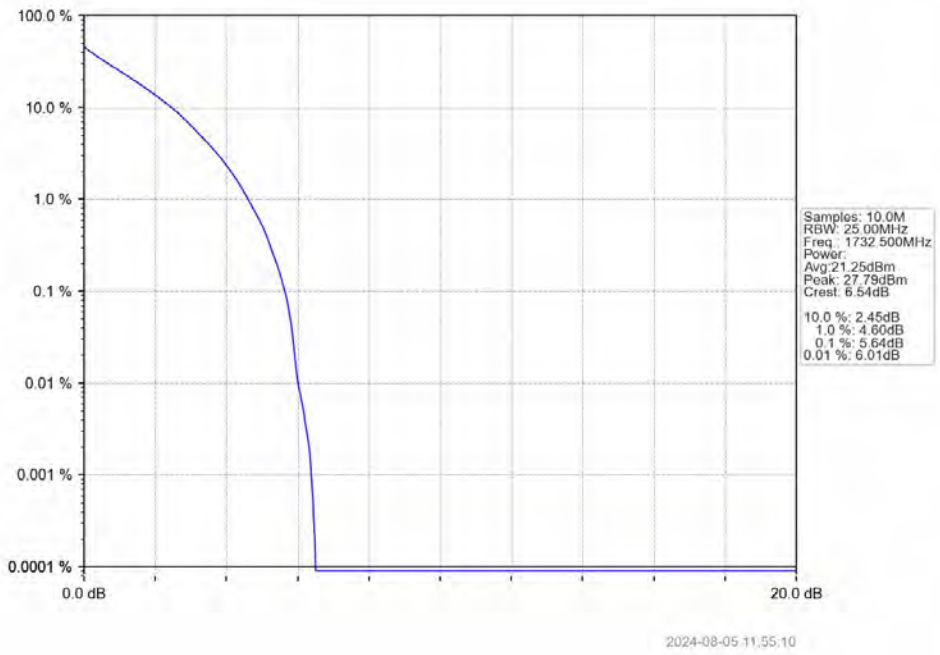


5.2.5 B4_15MHz

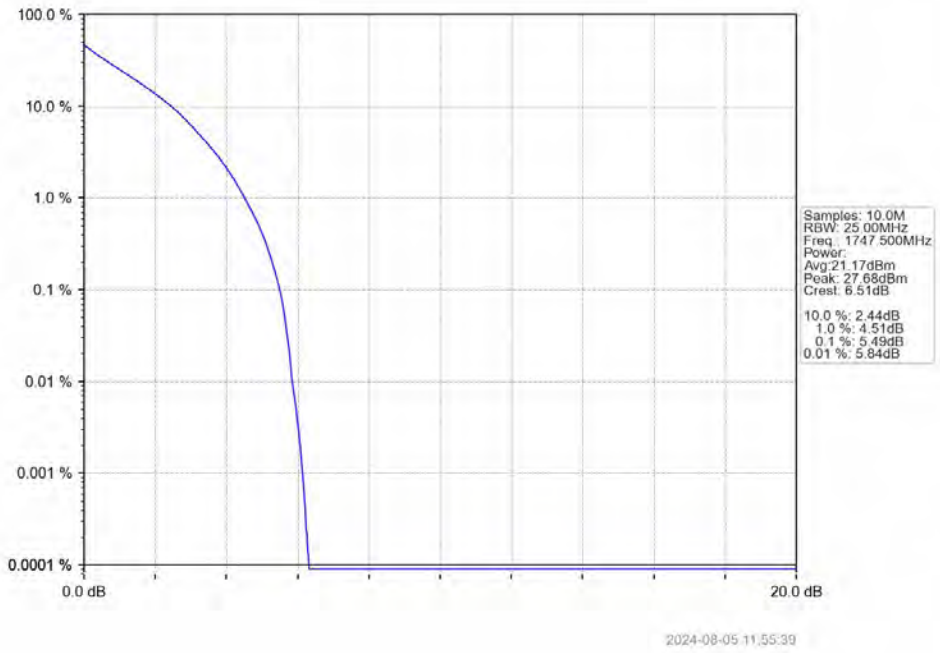
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



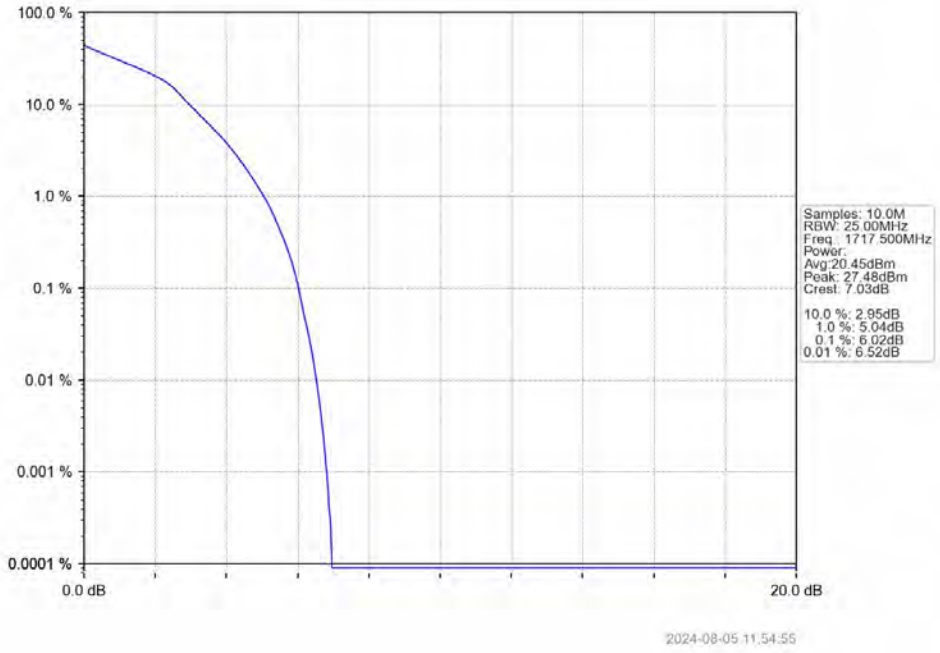
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



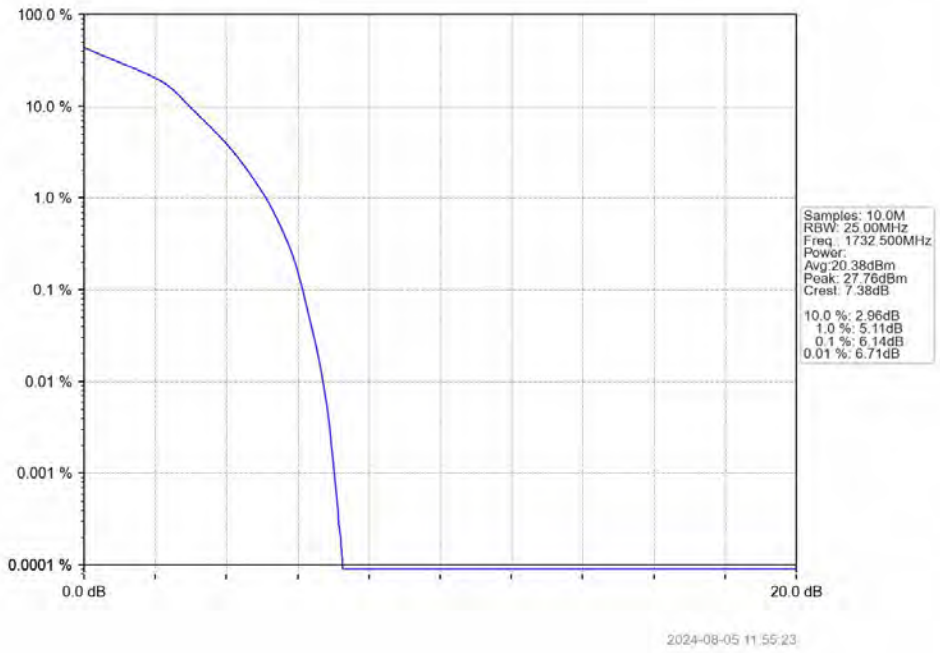
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



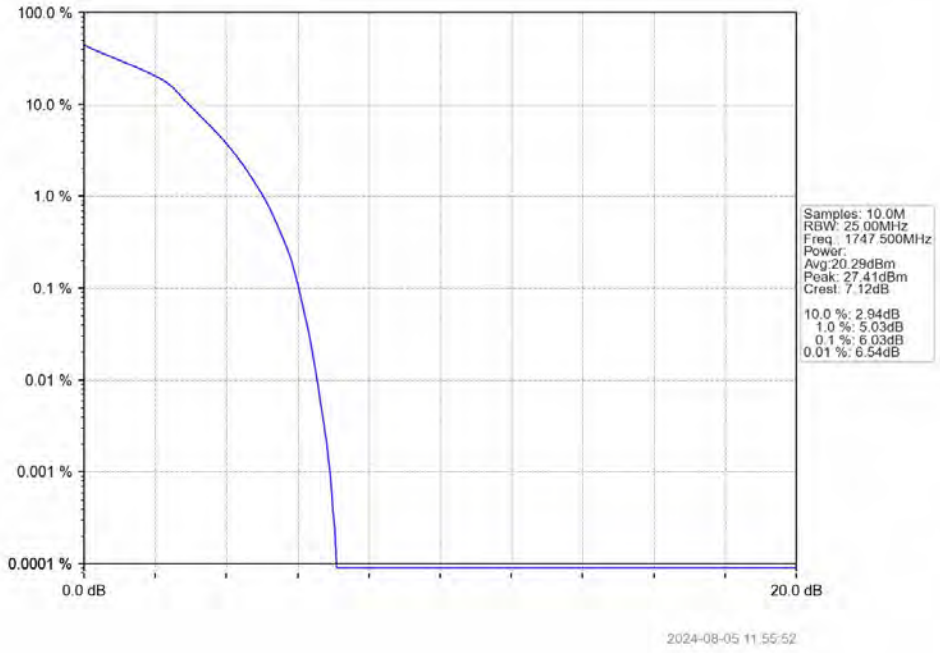
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

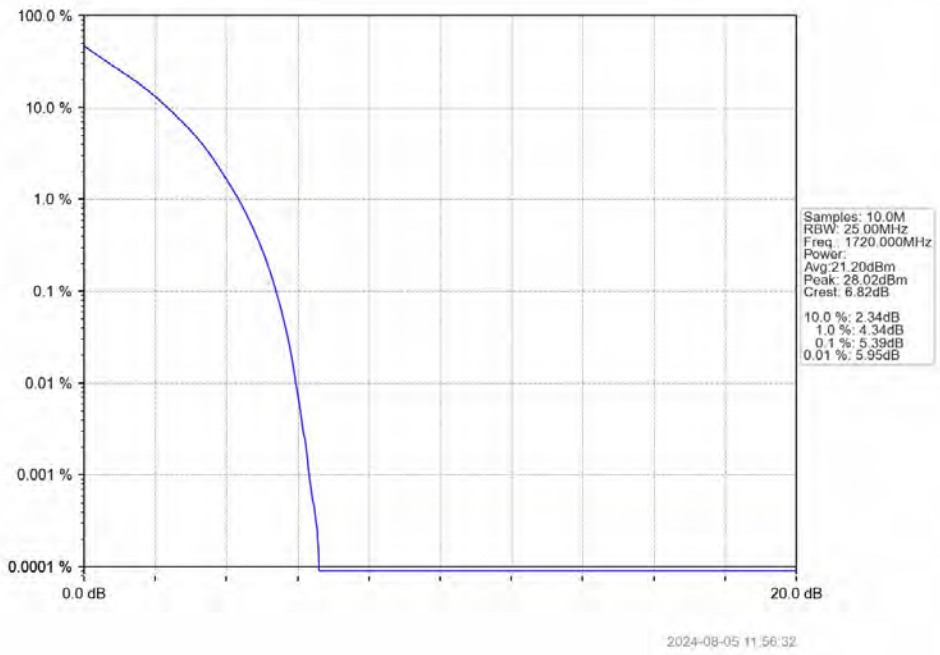


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

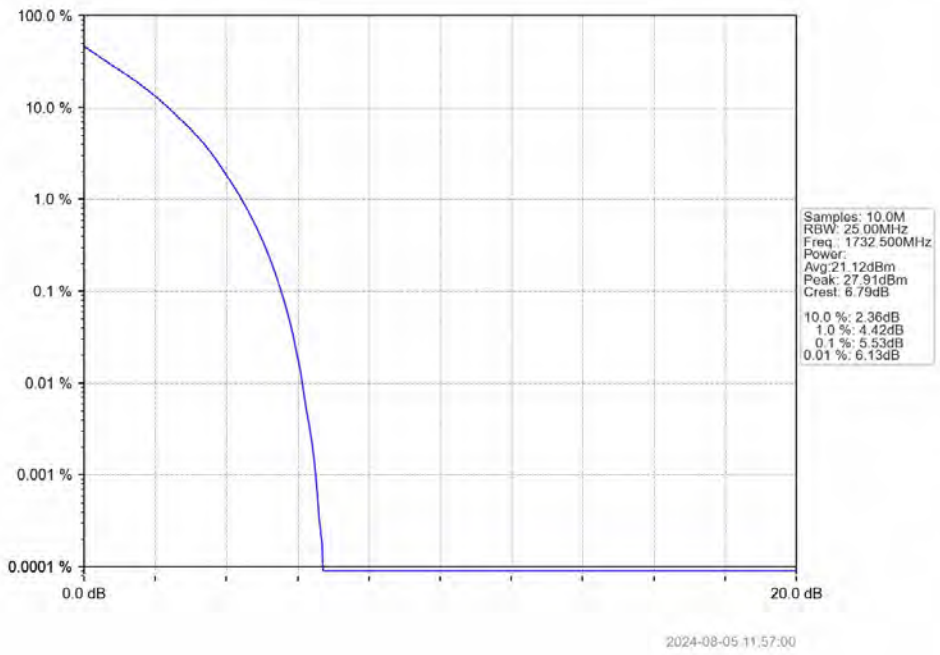


5.2.6 B4_20MHz

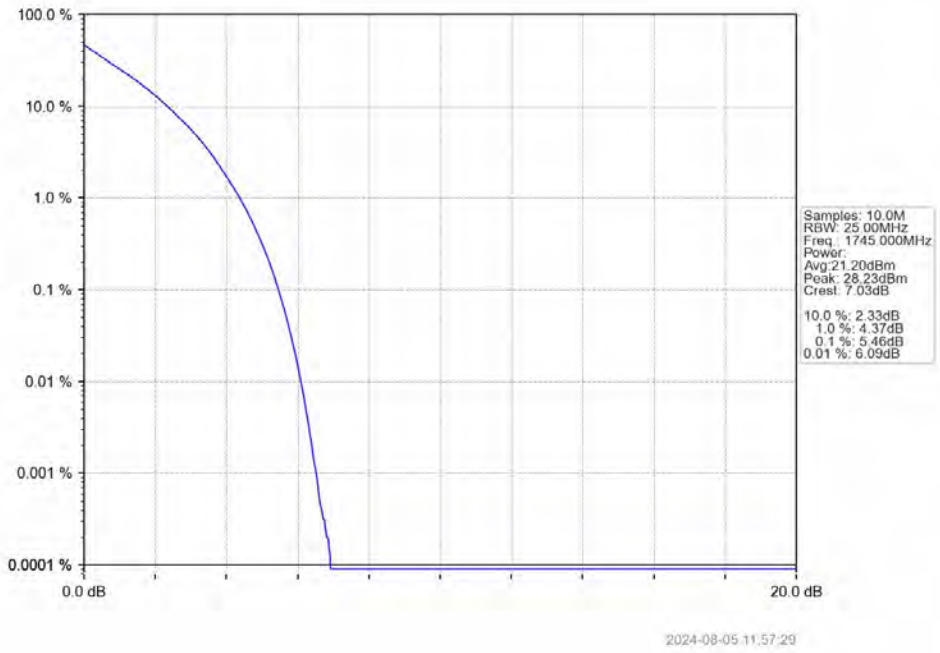
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



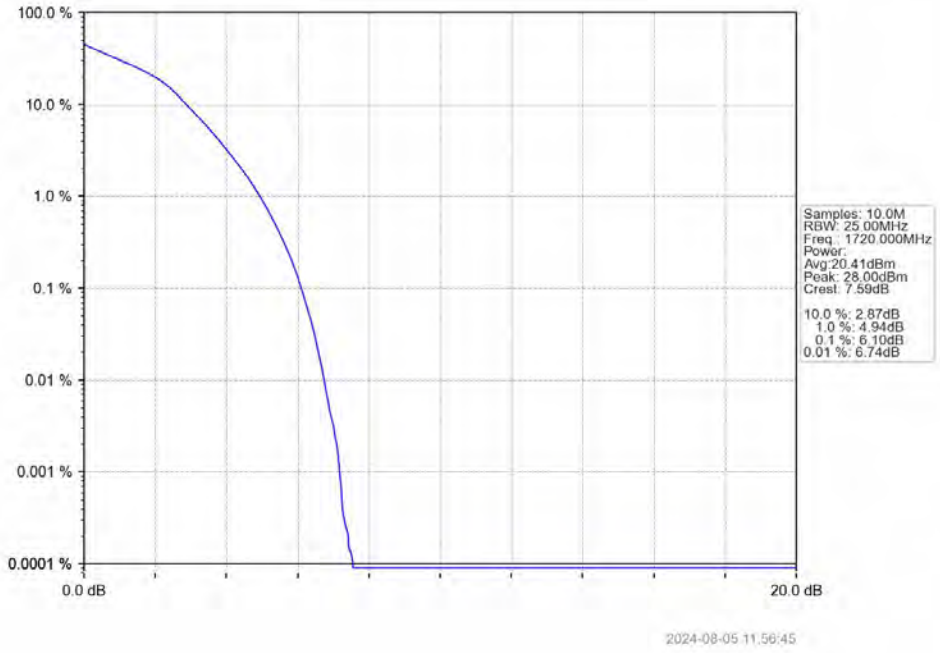
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



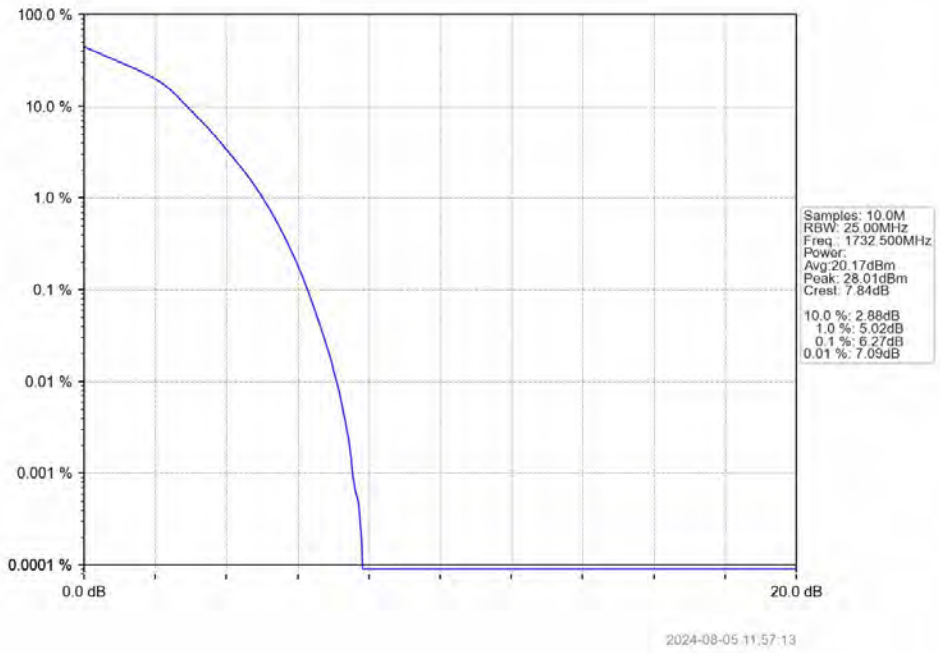
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



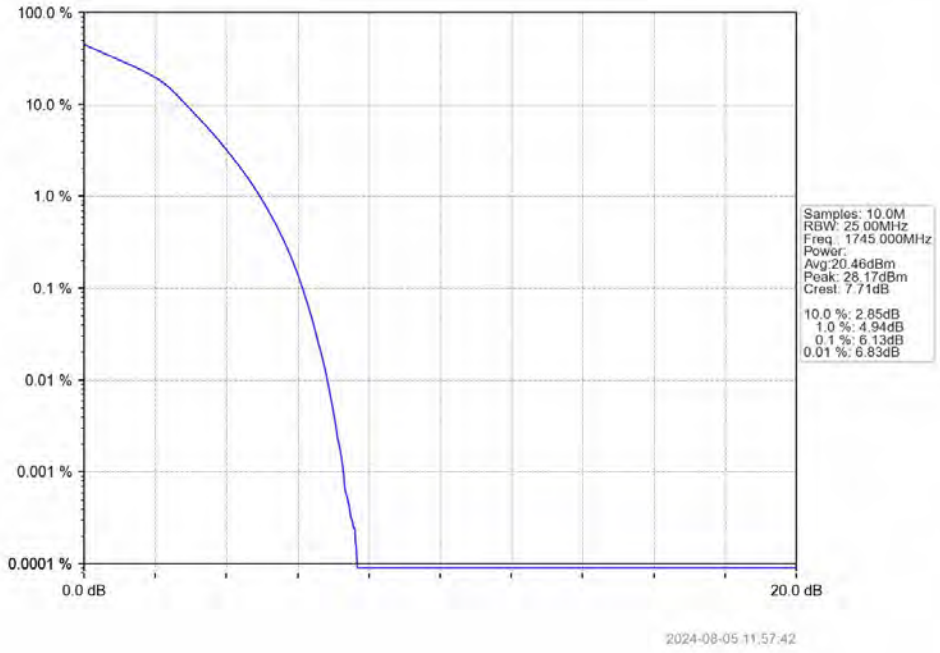
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



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
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	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
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	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
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	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
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	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
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	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
	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 / NTNV						
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 / NTNV						
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

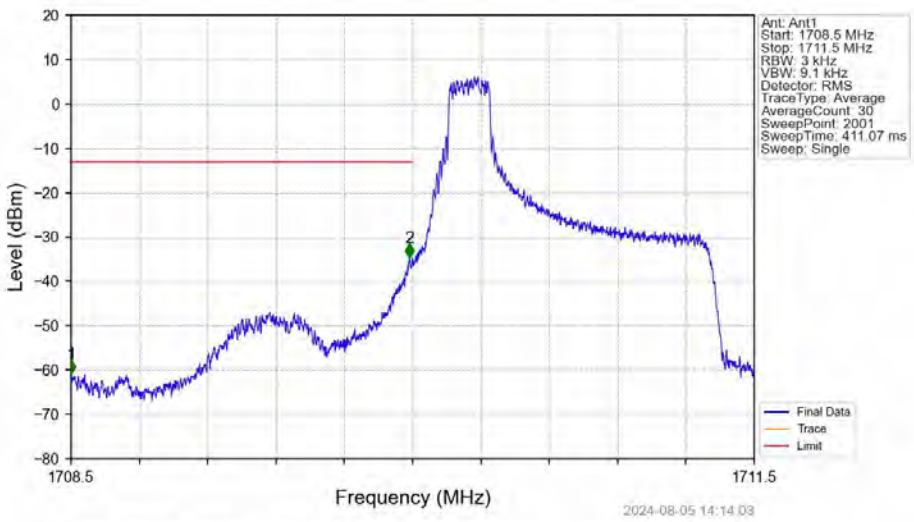
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

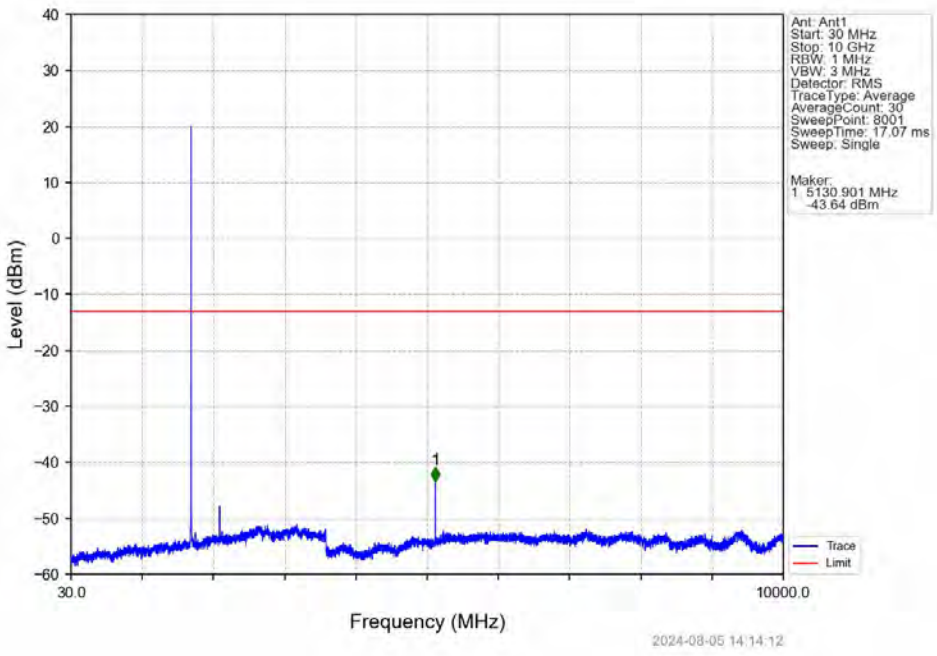
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

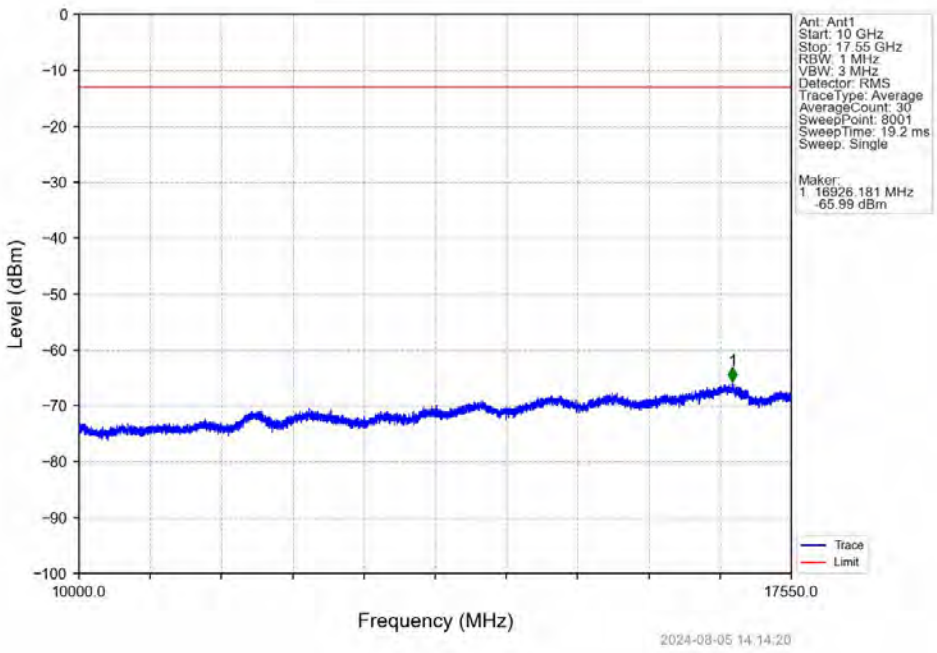


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.502	-60.81	-13	Pass
1709	1710	0.003	/	2	1709.986	-34.59	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

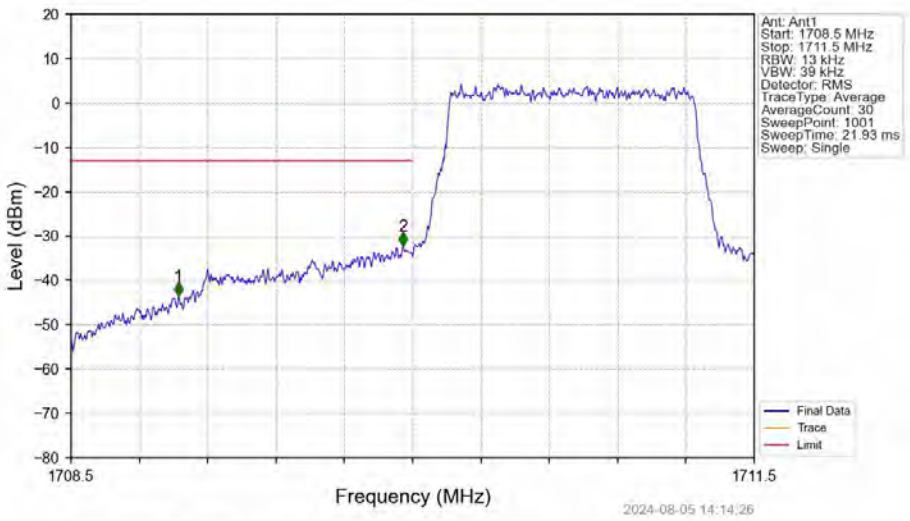
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

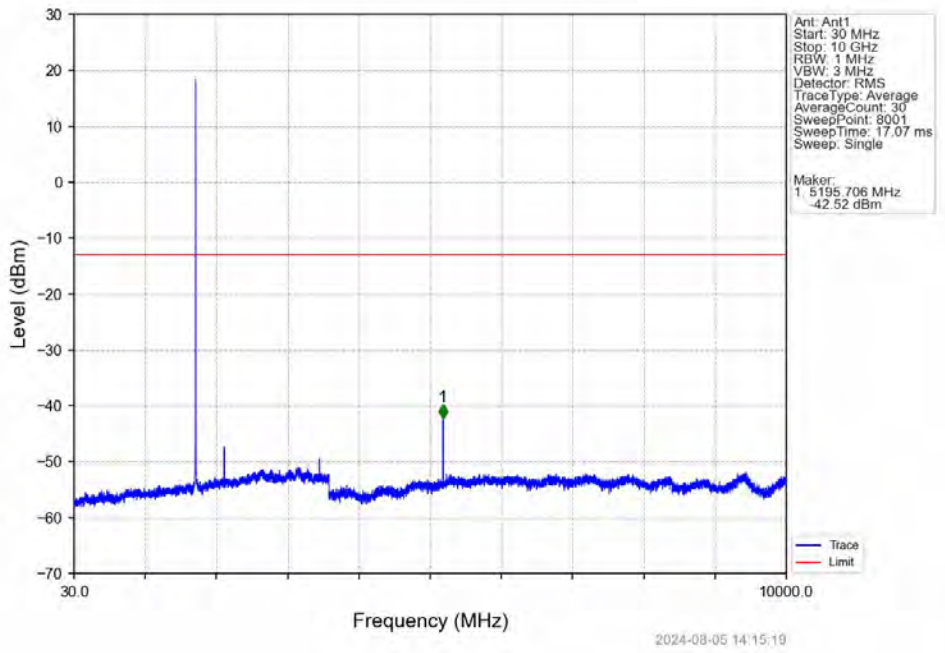


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

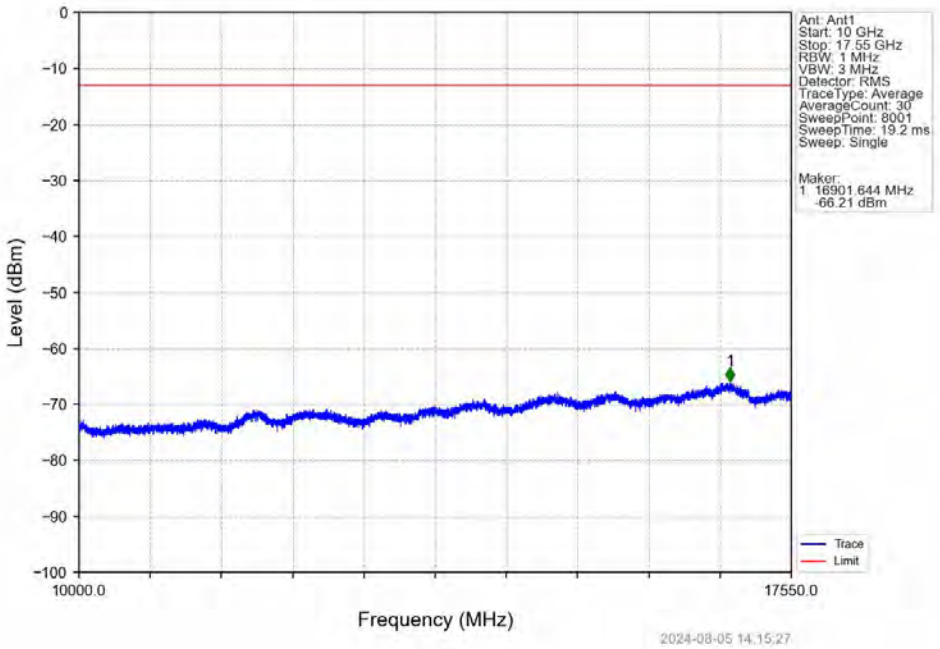


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.971	-43.52	-13	Pass
1709	1710	0.013	/	2	1709.958	-32.25	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

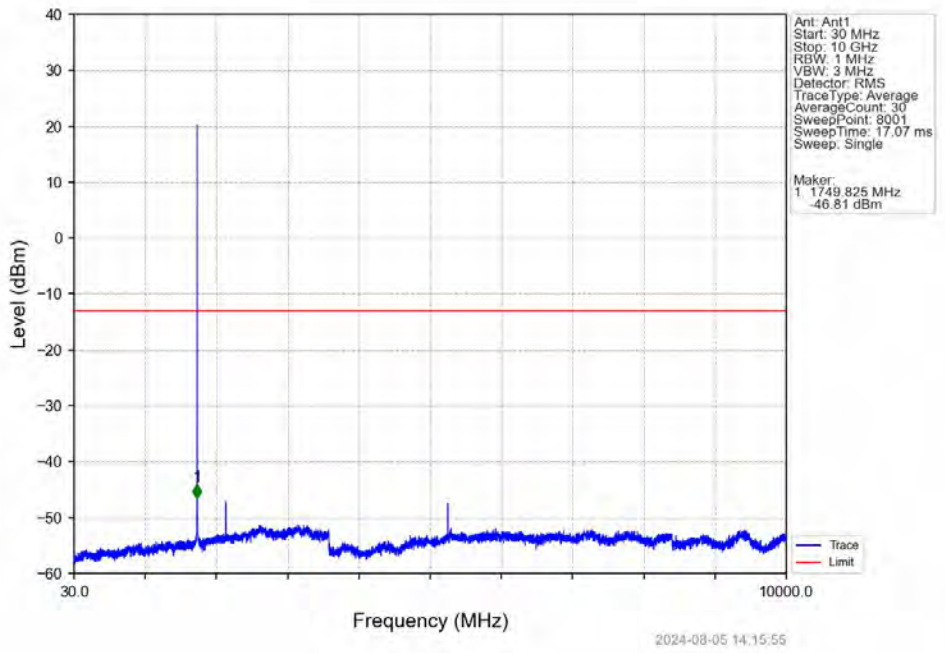
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



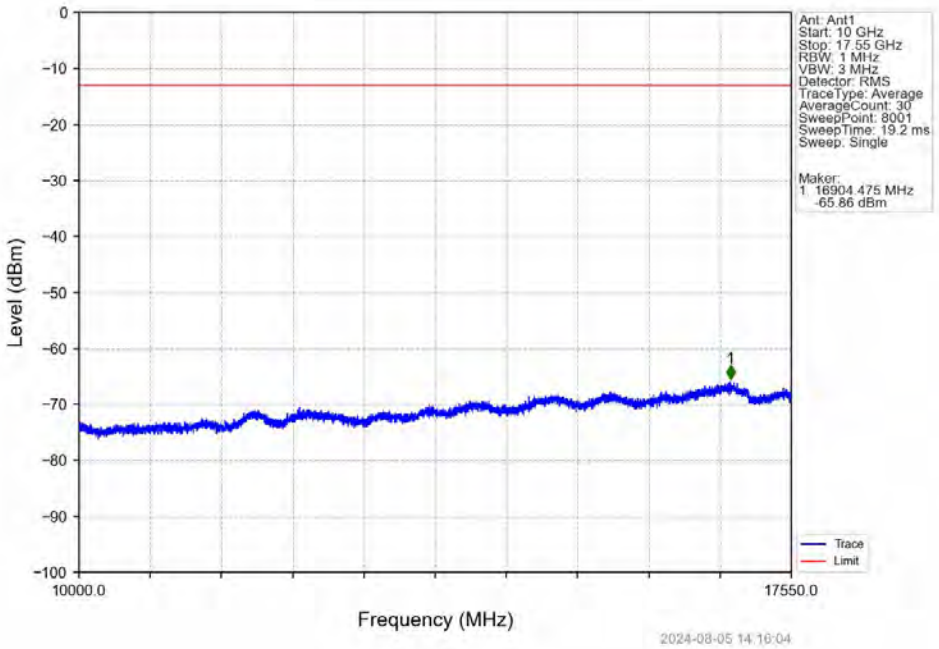
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



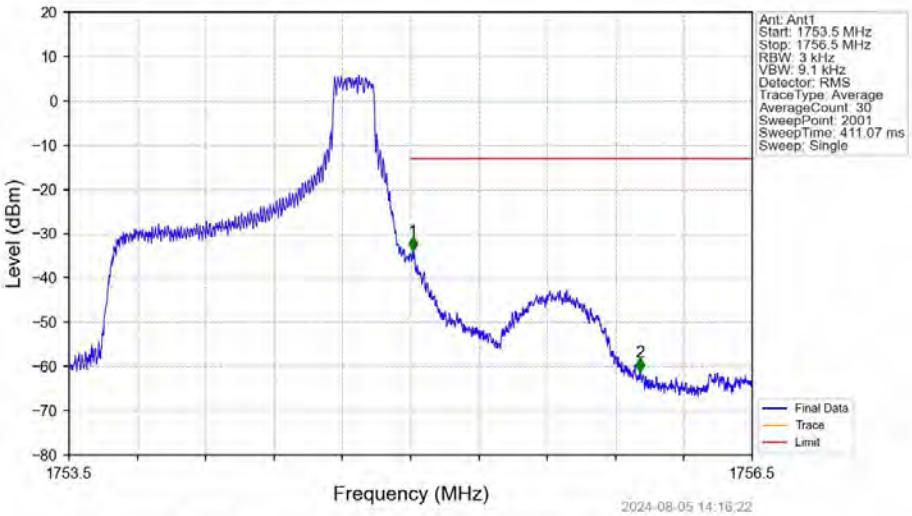
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

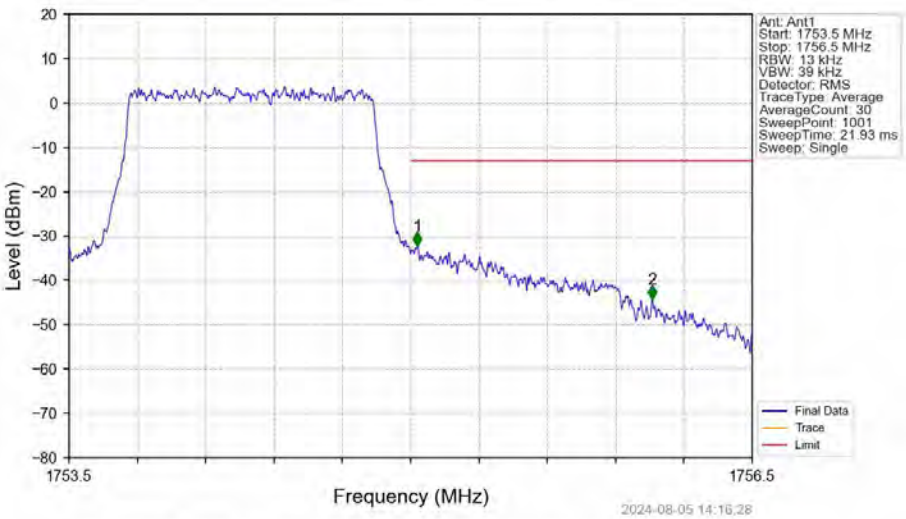


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



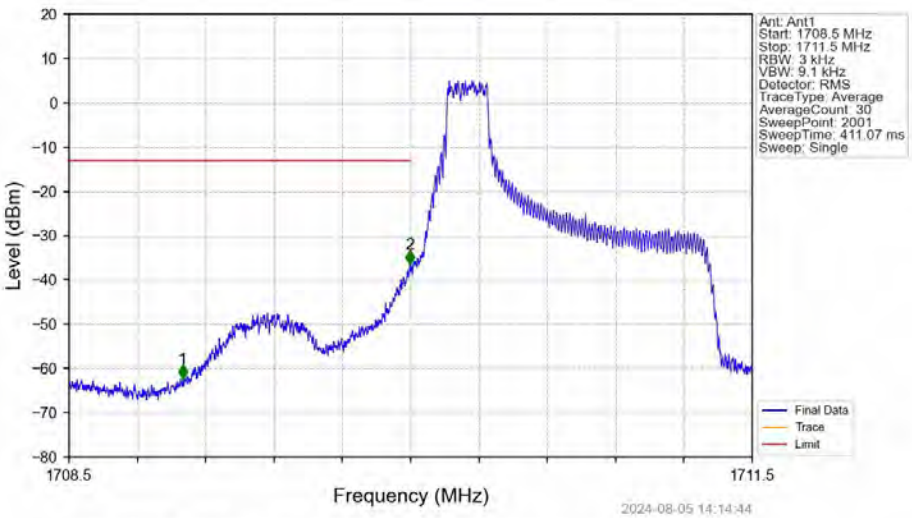
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-33.82	-13	Pass
1756	1756.5	1	/	2	1756.006	-61.20	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



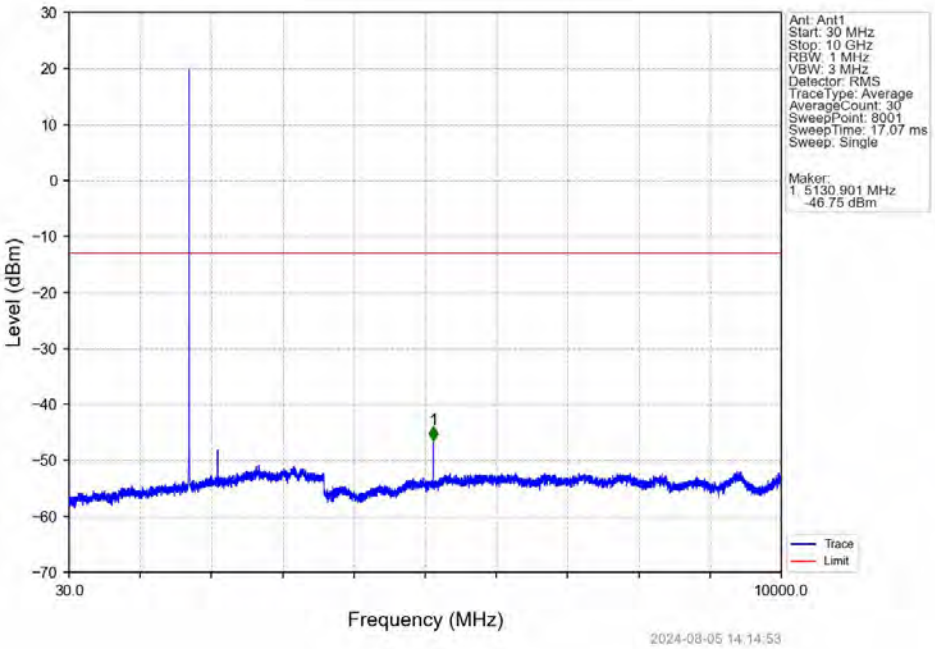
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.030	-32.15	-13	Pass
1756	1756.5	1	/	2	1756.062	-44.18	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

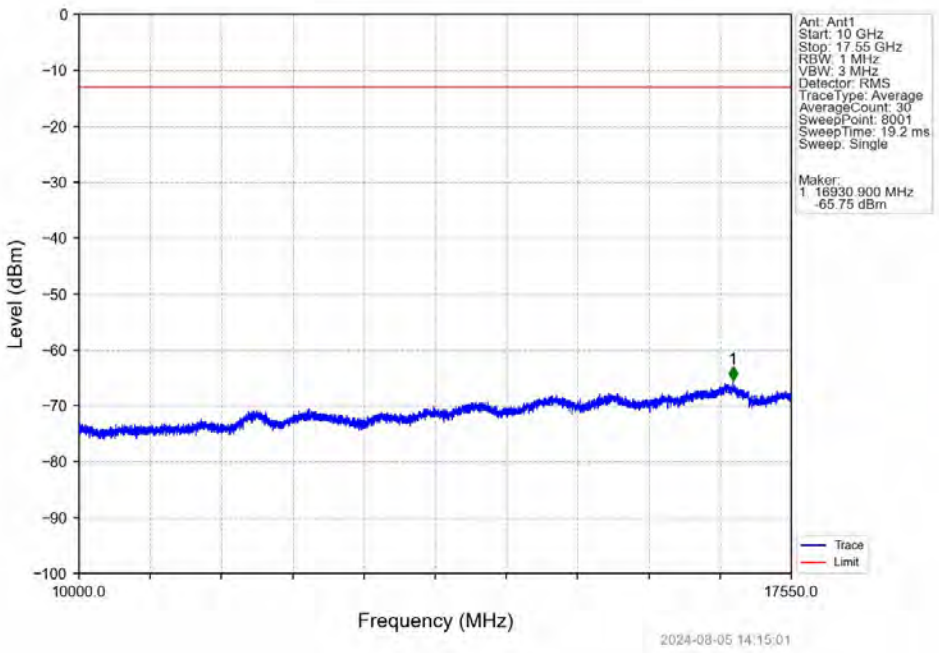


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.999	-62.20	-13	Pass
1709	1710	0.003	/	2	1709.997	-36.47	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

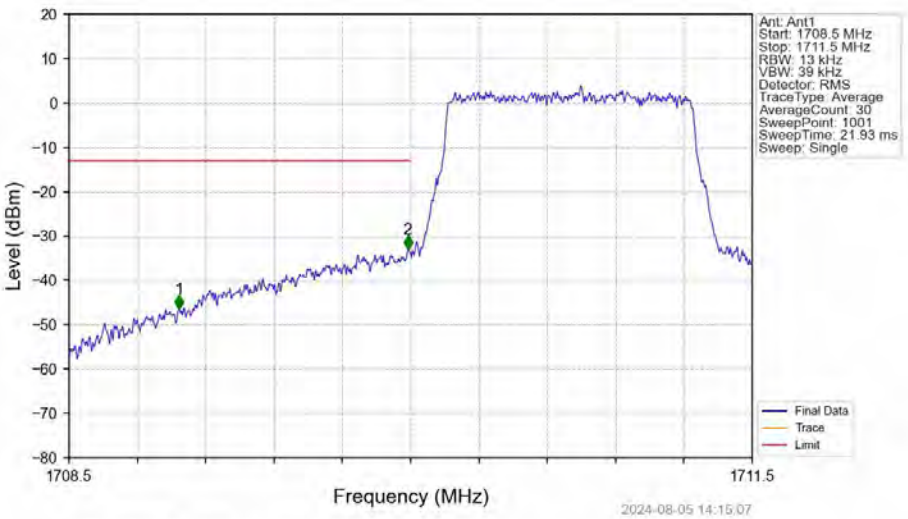
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

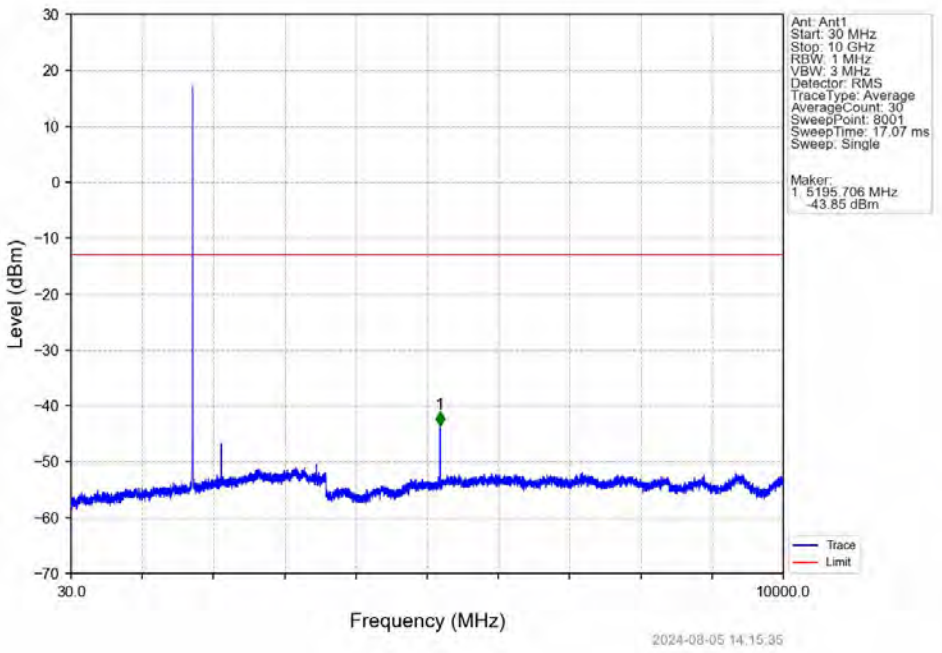


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

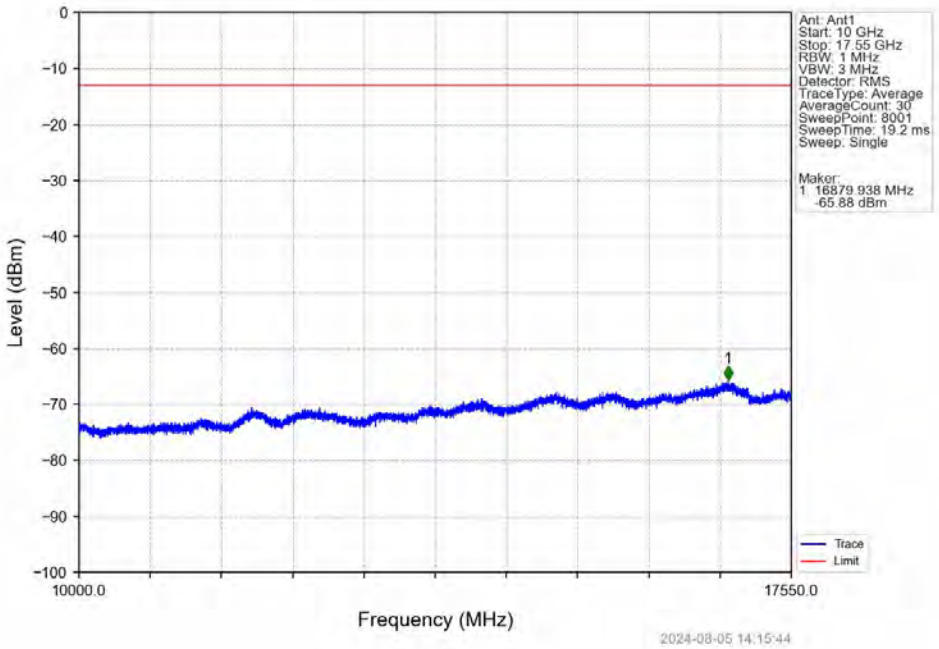


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.983	-46.48	-13	Pass
1709	1710	0.013	/	2	1709.988	-32.93	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

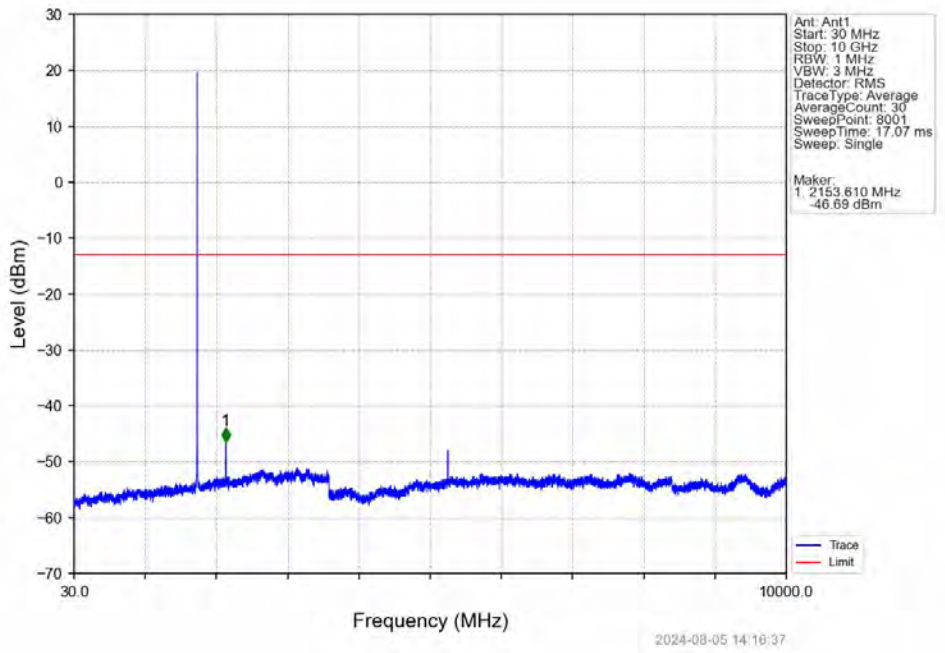
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



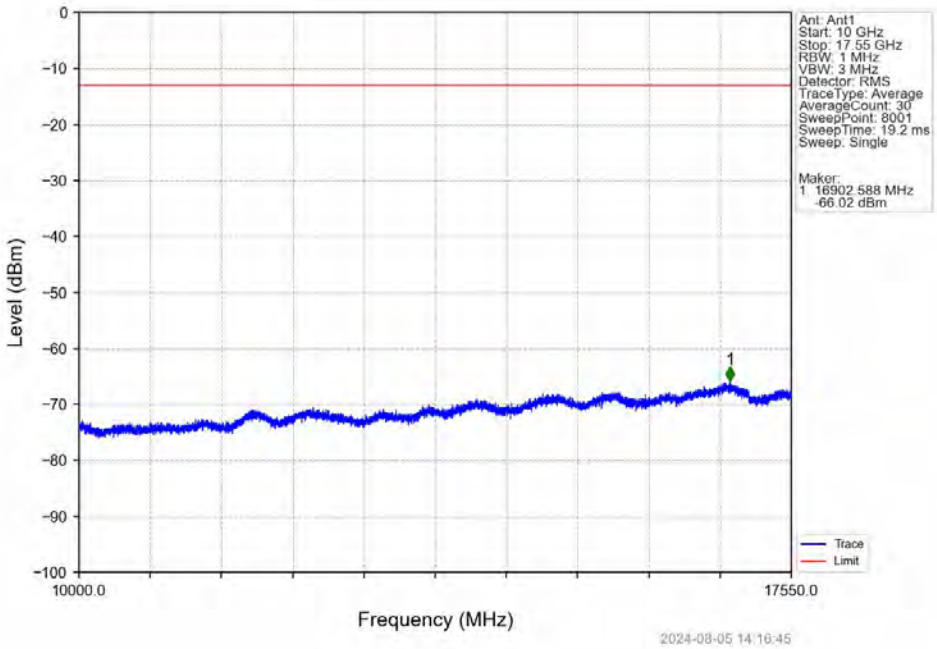
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



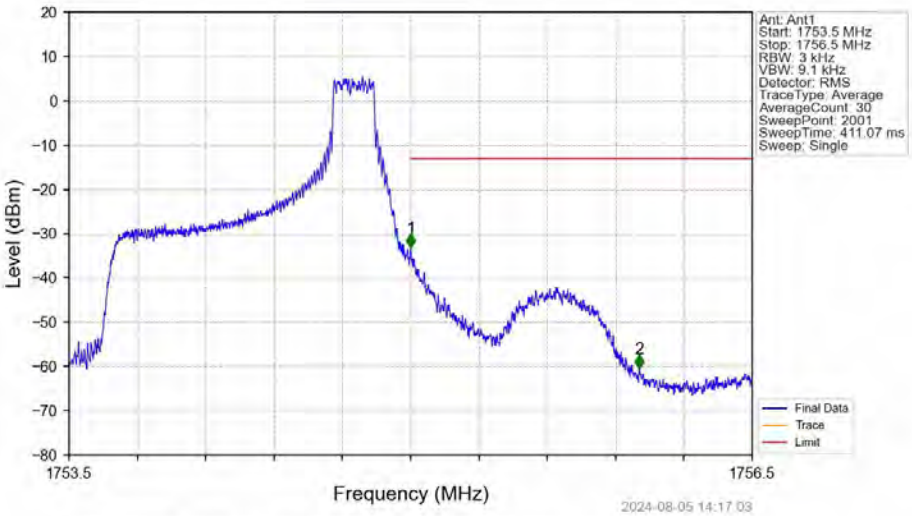
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

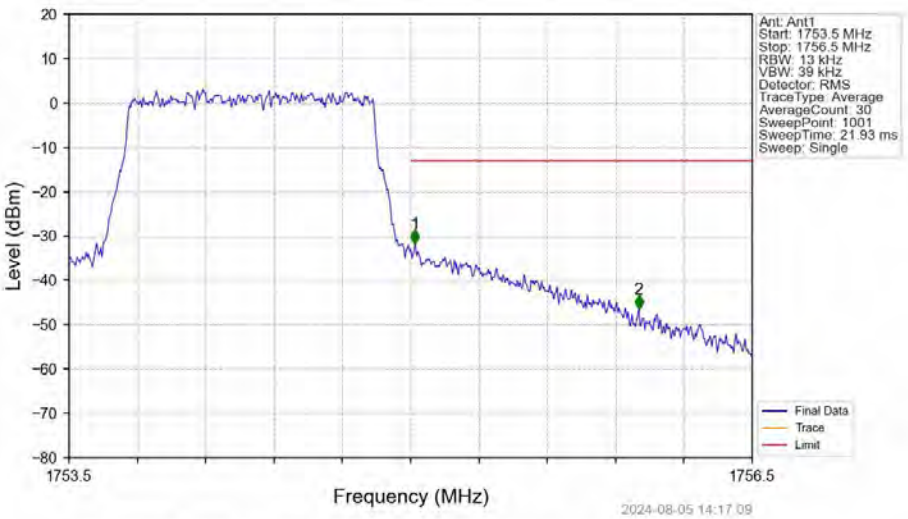


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.002	-33.19	-13	Pass
1756	1756.5	1	/	2	1756.004	-60.49	-13	Pass

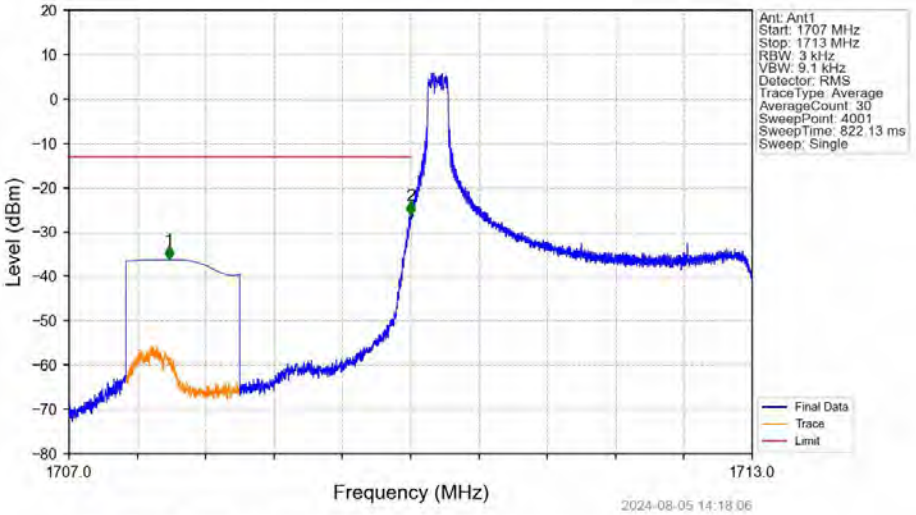
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	1755.018	-31.72	-13	Pass
1756	1756.5	1	/	2	1756.002	-46.36	-13	Pass

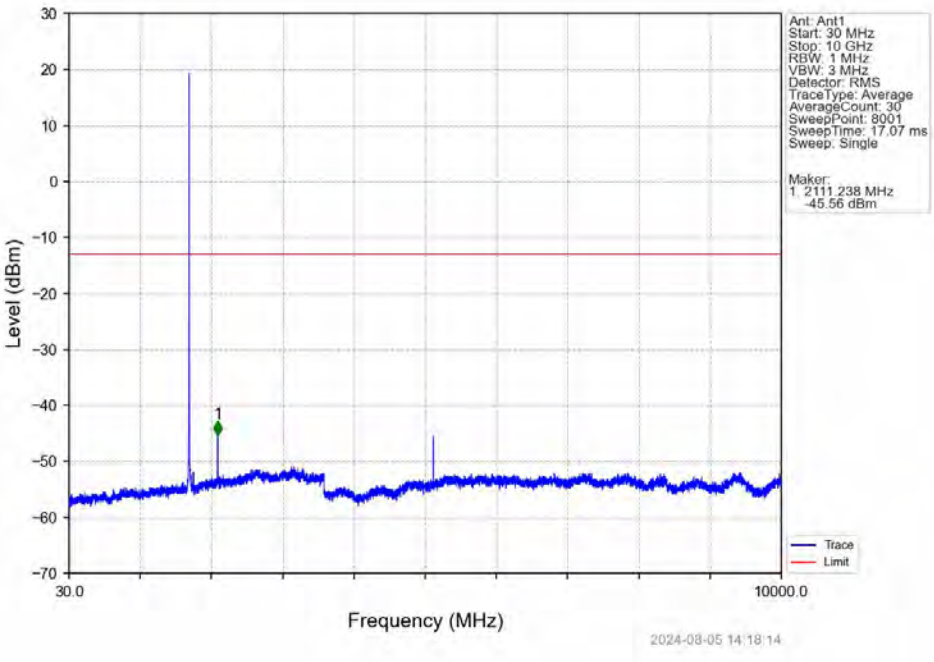
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

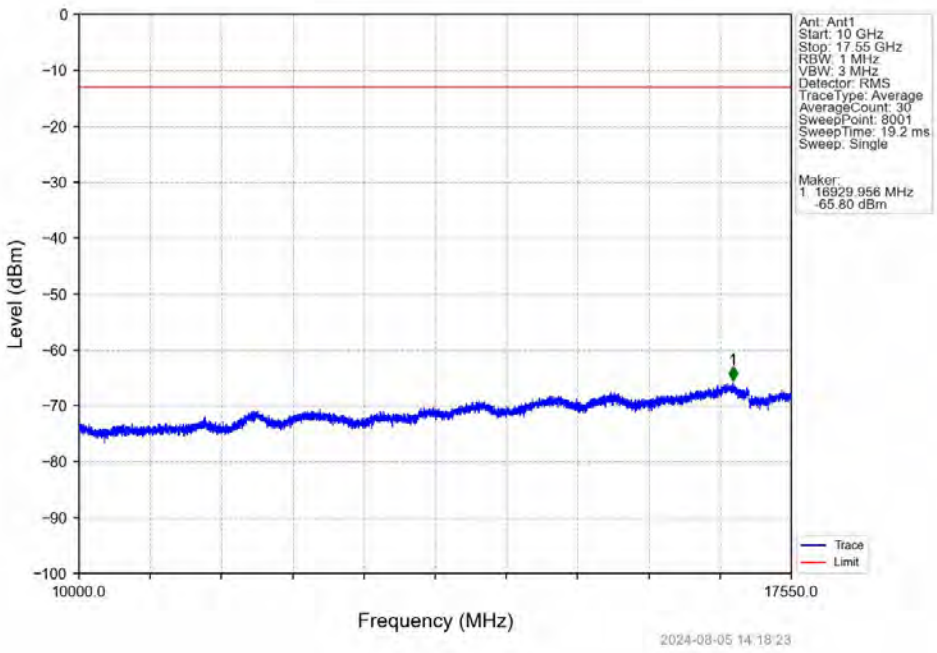


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.876	-36.31	-13	Pass
1709	1710	0.003	/	2	1709.998	-26.24	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

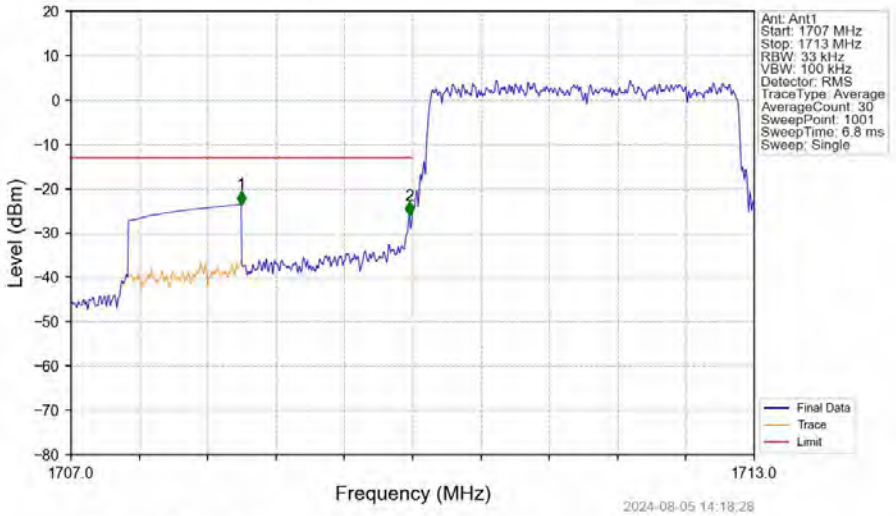
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

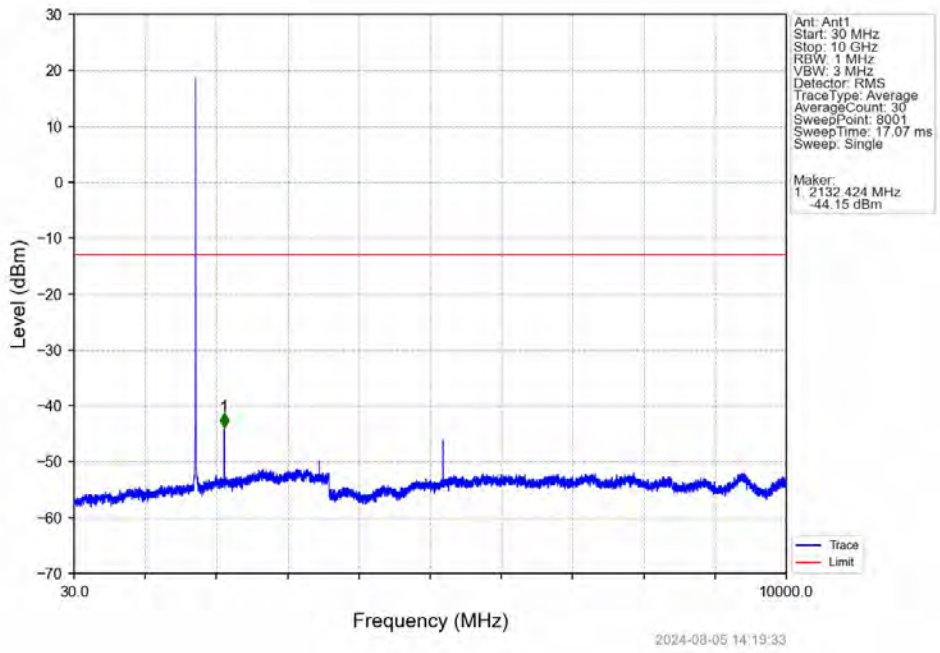


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

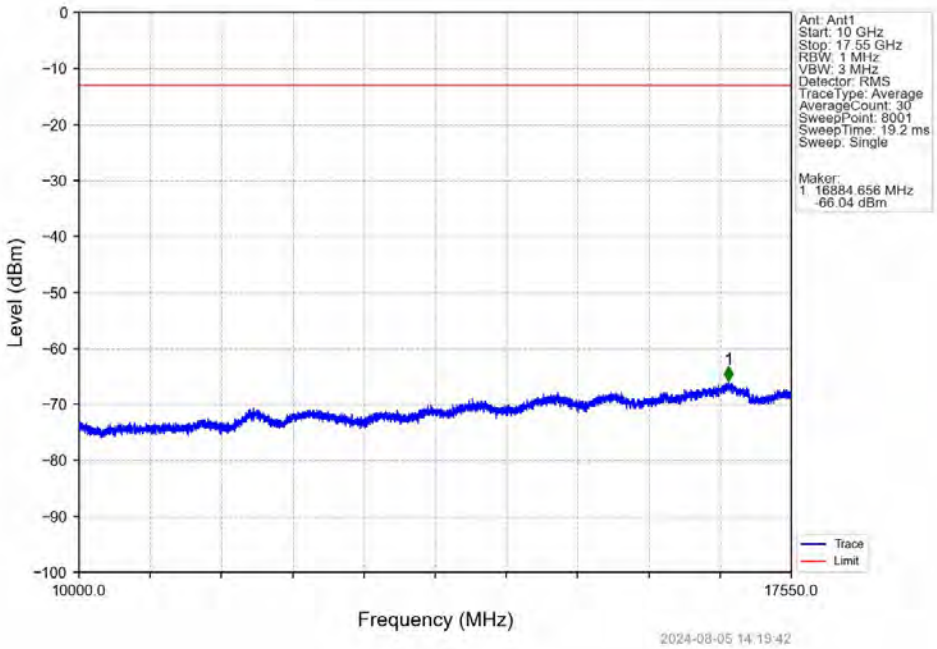


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-23.57	-13	Pass
1709	1710	0.033	/	2	1709.970	-25.99	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

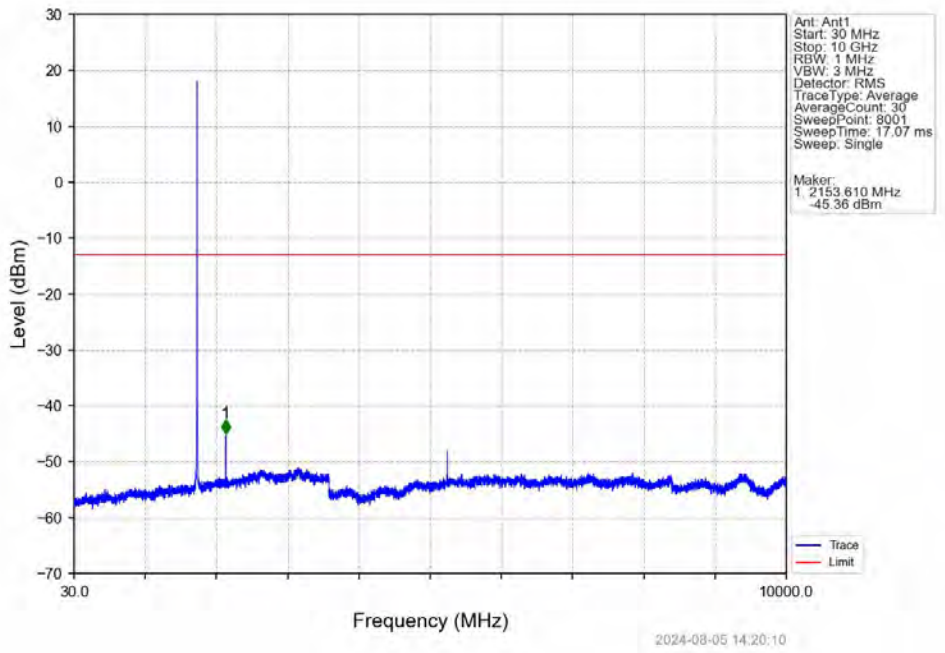
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



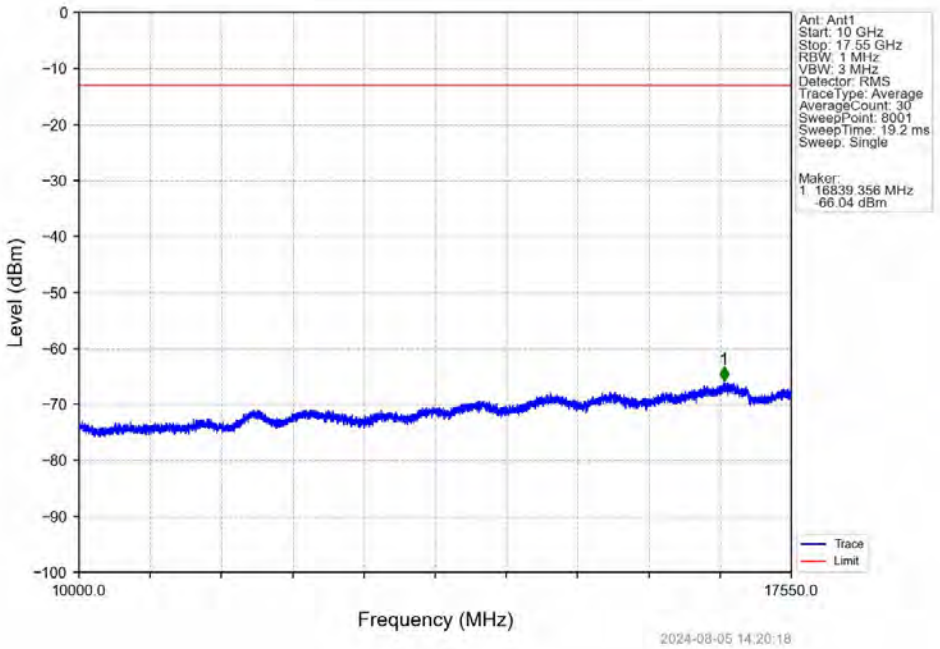
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



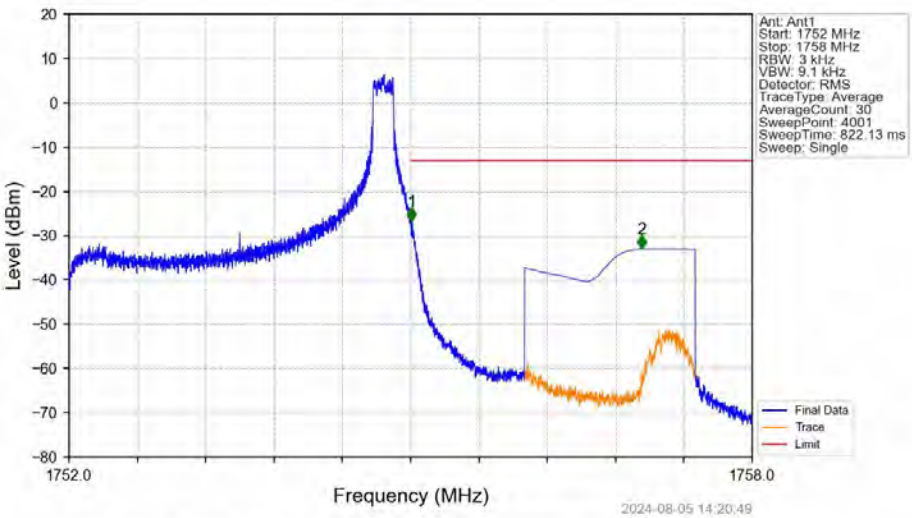
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

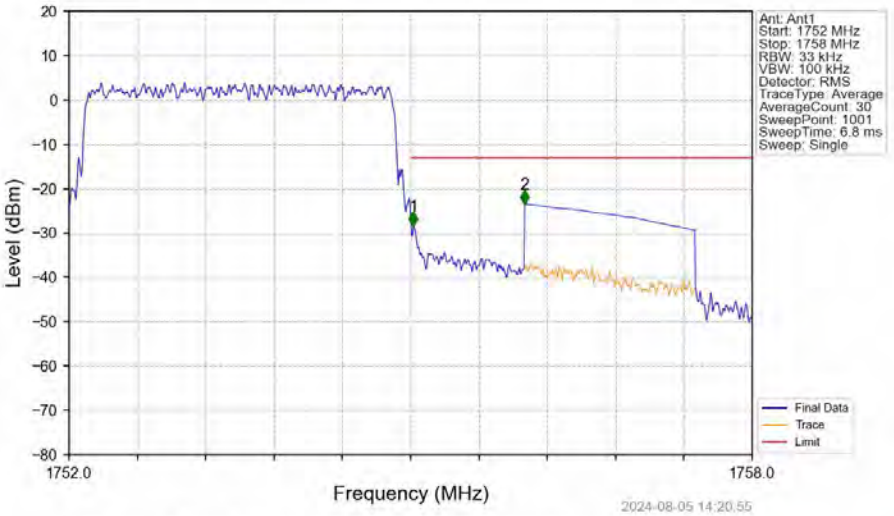


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



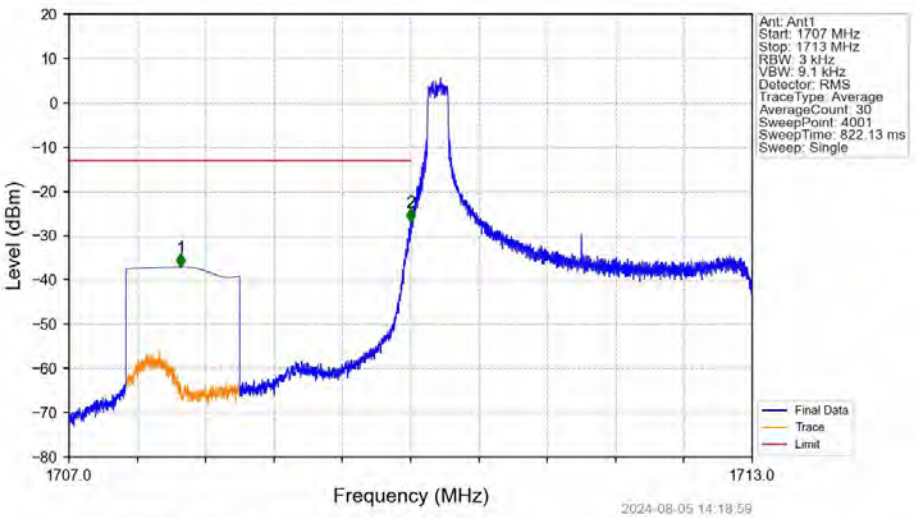
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-26.79	-13	Pass
1756	1758	1	CHP	2	1757.031	-33.03	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



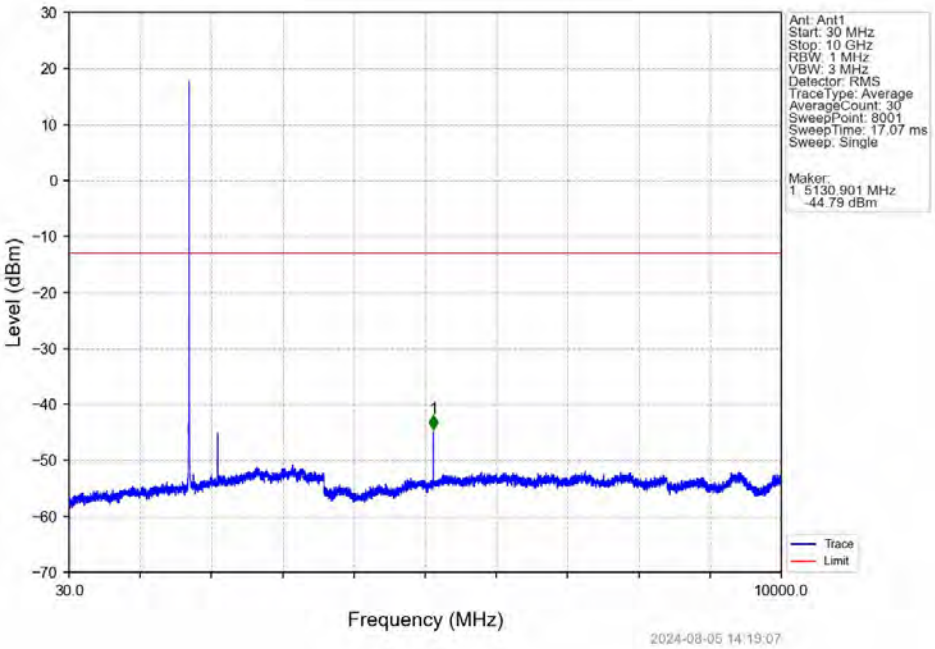
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.024	-28.36	-13	Pass
1756	1758	1	CHP	2	1756.002	-23.52	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

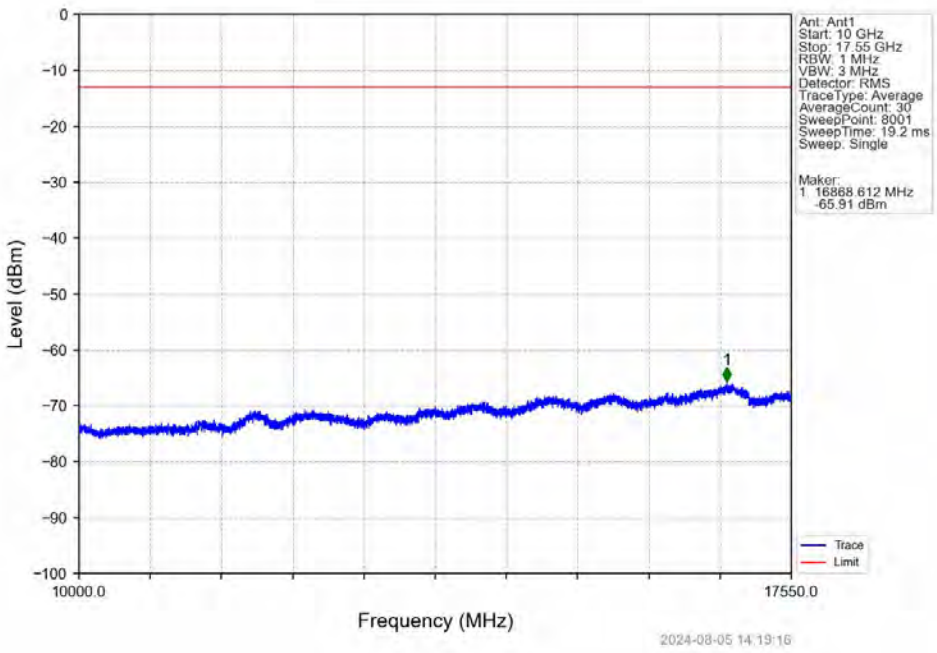


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.981	-37.07	-13	Pass
1709	1710	0.003	/	2	1709.998	-26.98	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

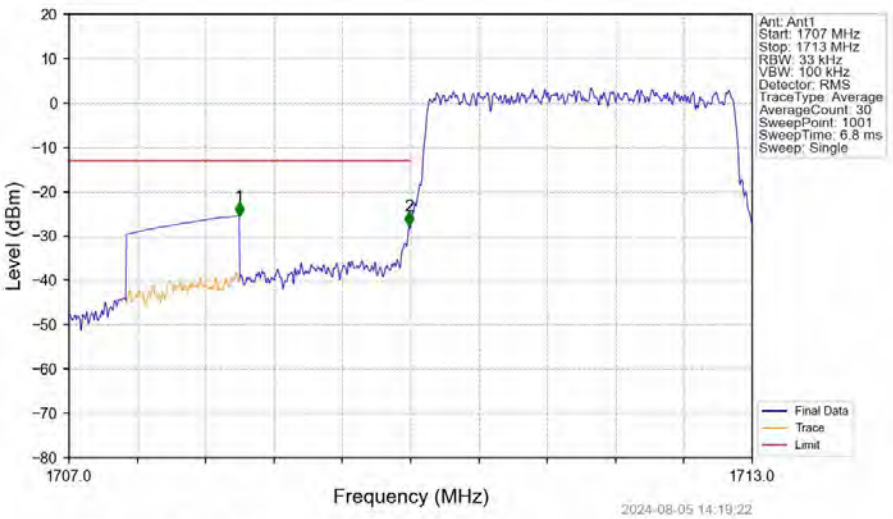
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

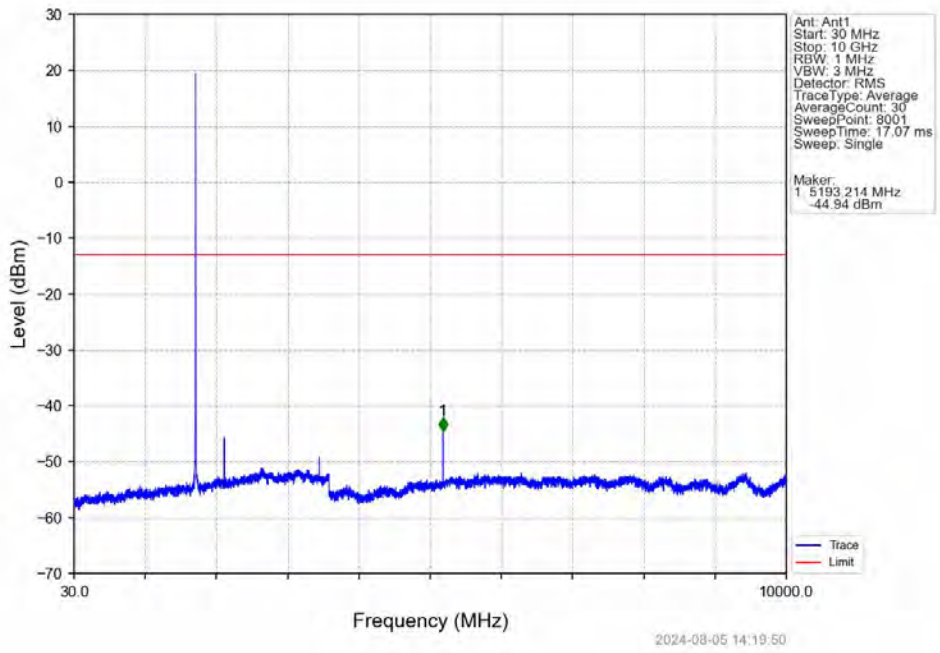


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

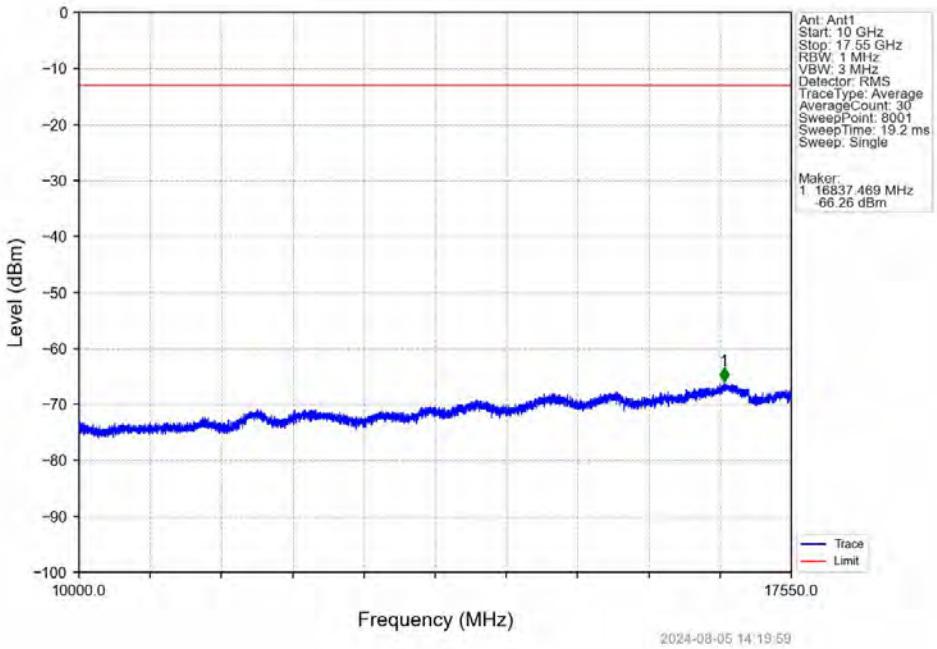


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-25.49	-13	Pass
1709	1710	0.033	/	2	1709.988	-27.63	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

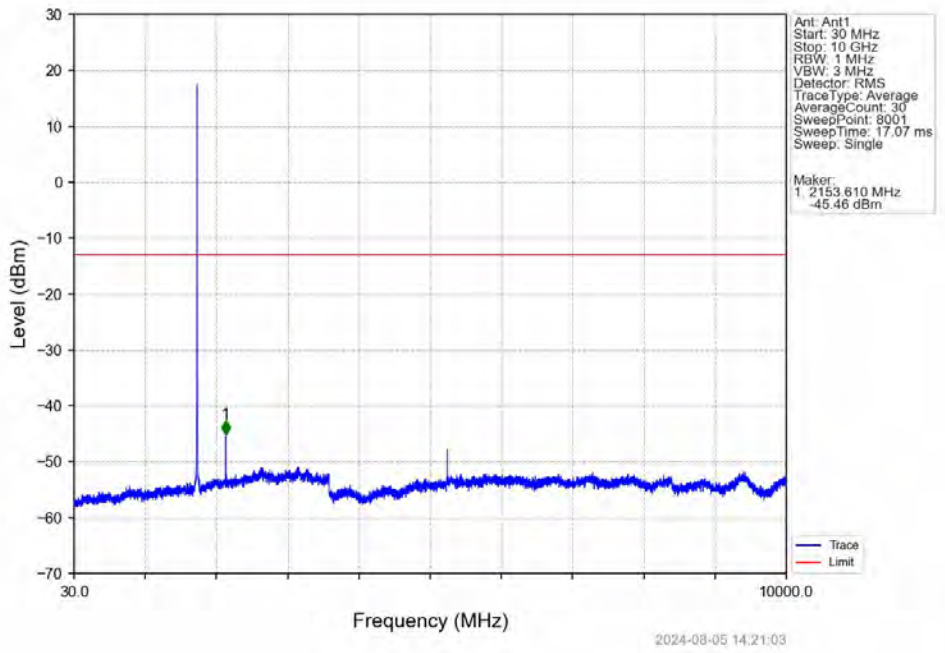
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



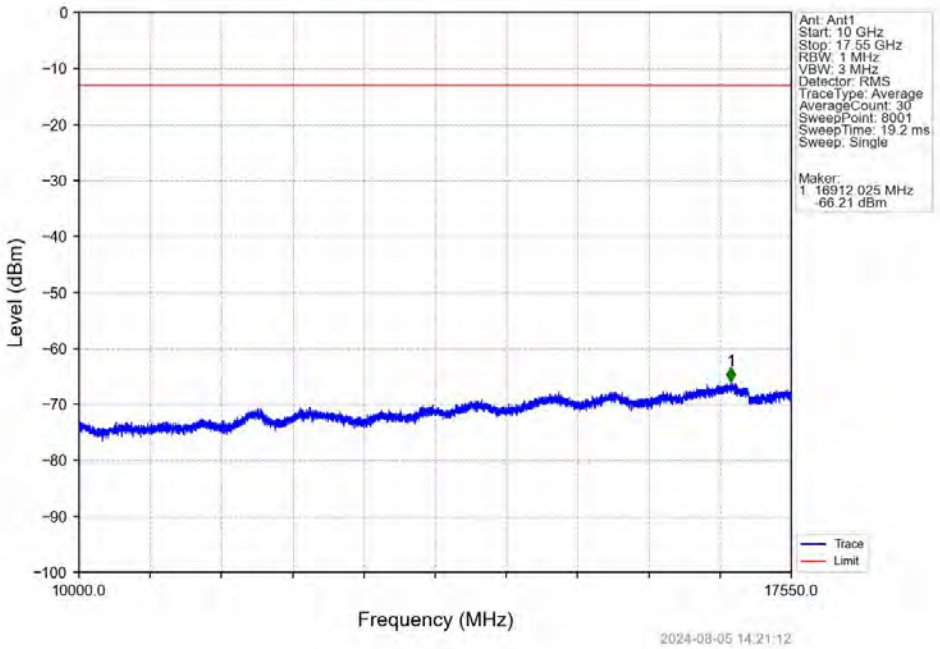
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



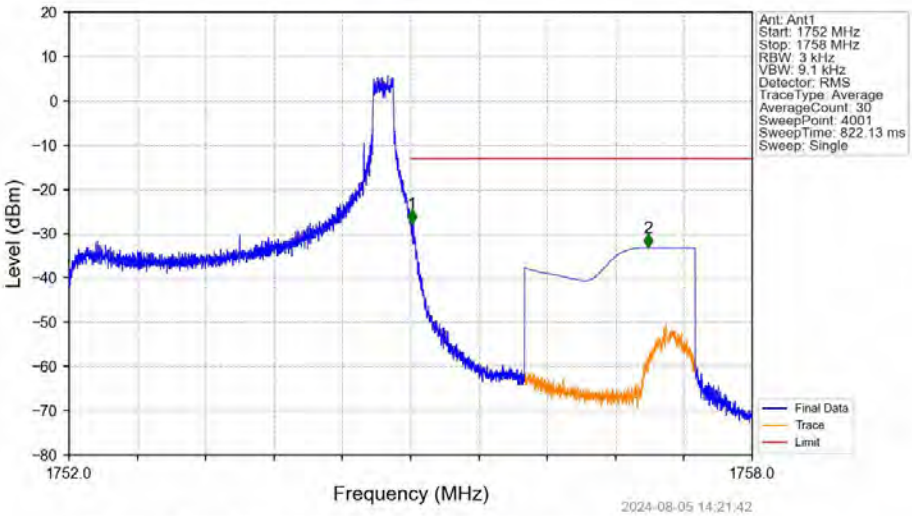
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

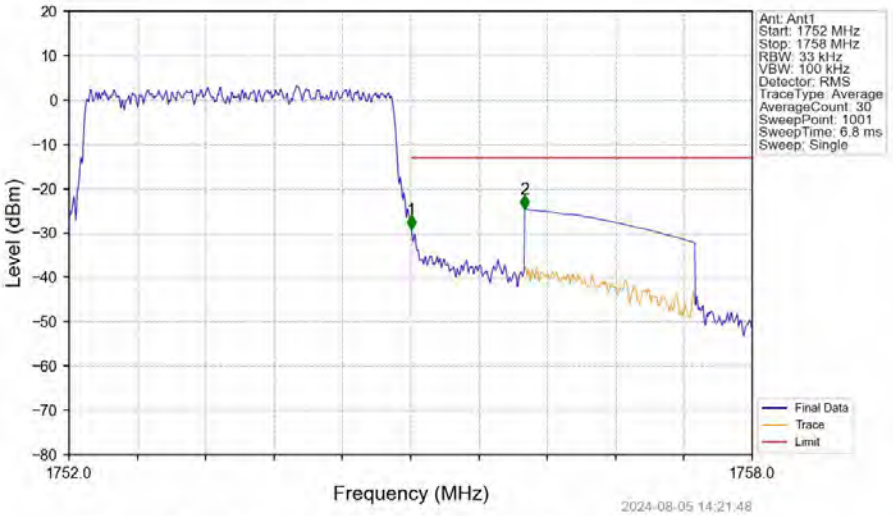


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.012	-27.74	-13	Pass
1756	1758	1	CHP	2	1757.088	-33.17	-13	Pass

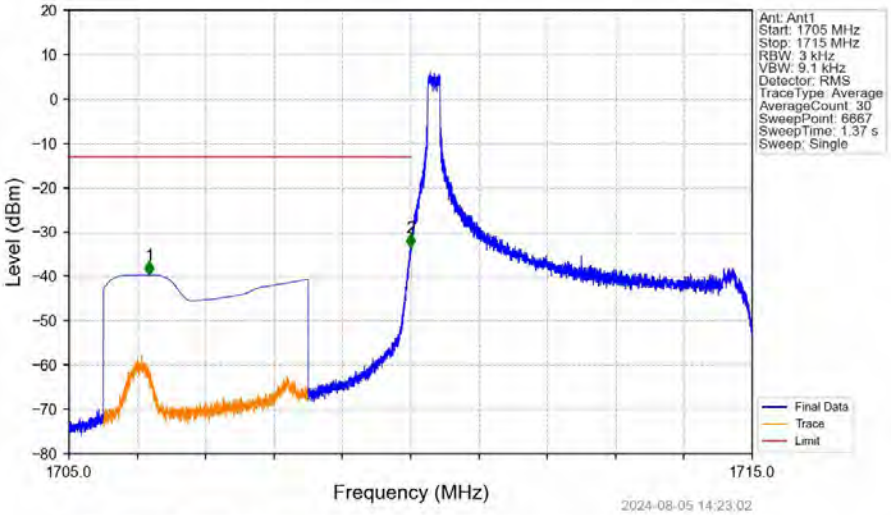
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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	1755.006	-29.06	-13	Pass
1756	1758	1	CHP	2	1756.002	-24.62	-13	Pass

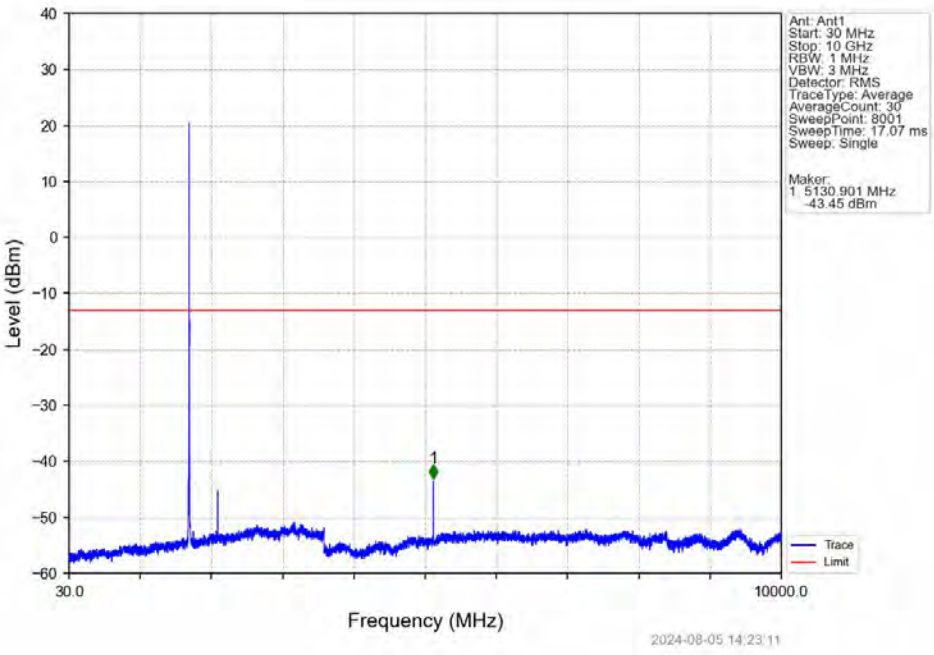
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

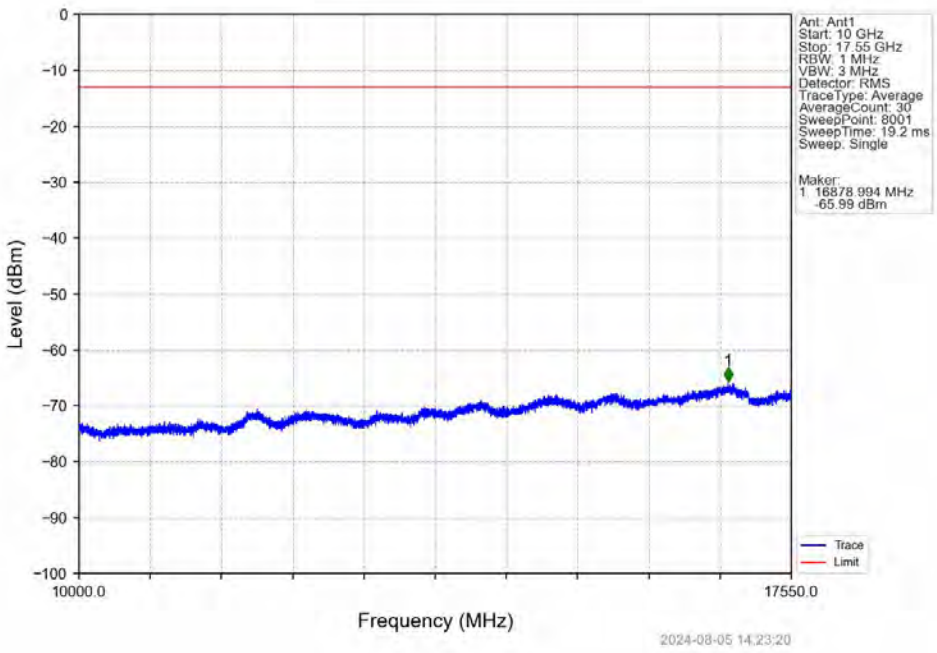


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.176	-39.75	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.45	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

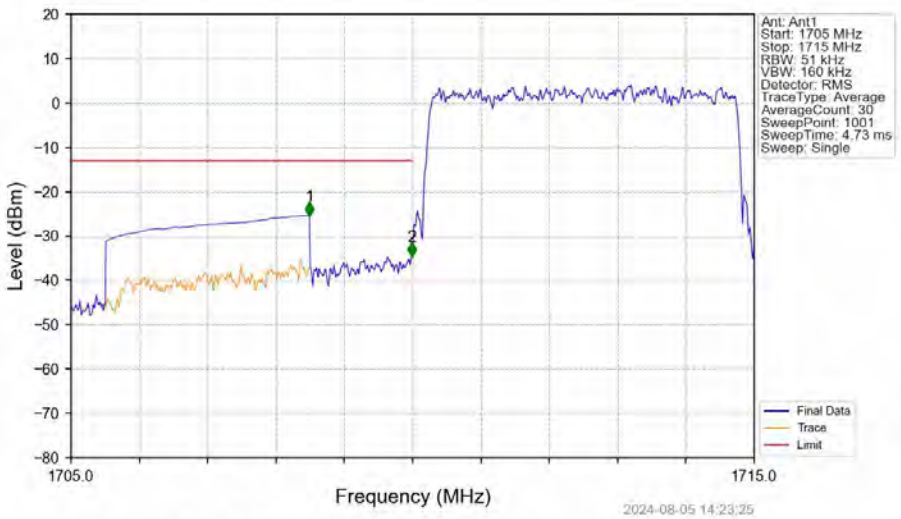
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

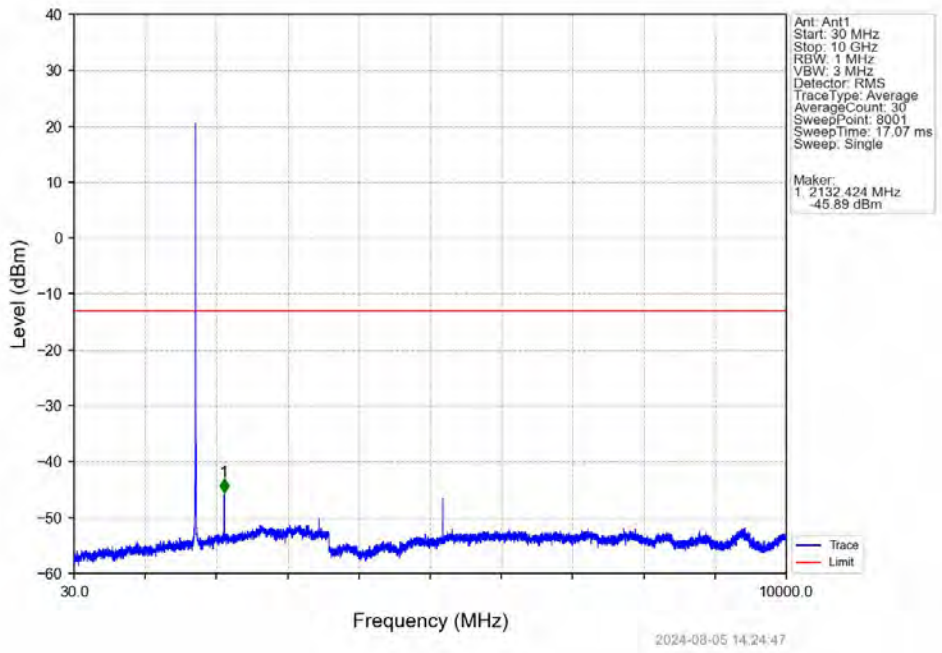


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

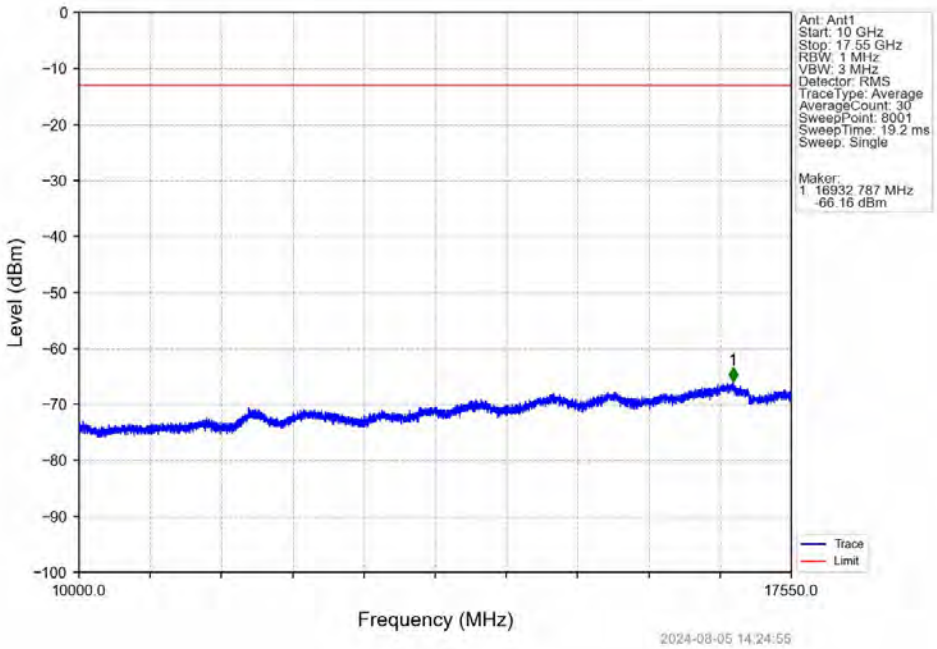


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-25.40	-13	Pass
1709	1710	0.051	/	2	1709.990	-34.52	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

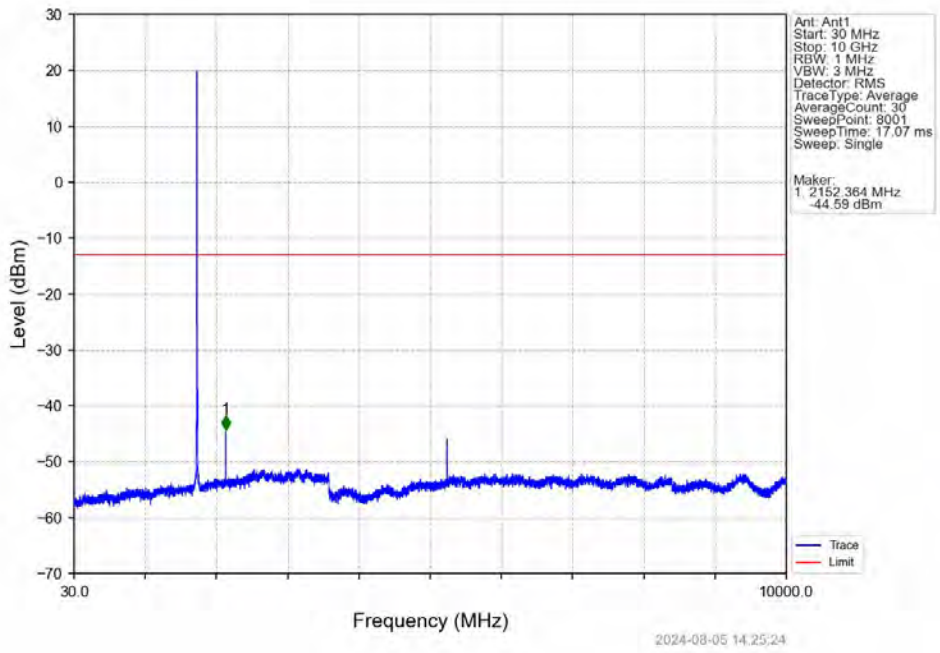
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



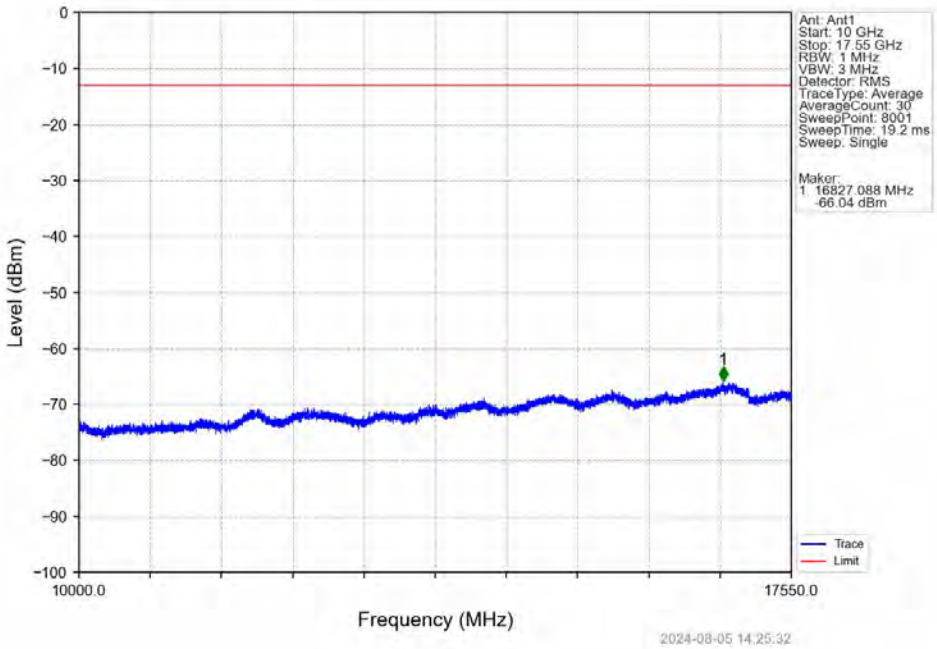
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



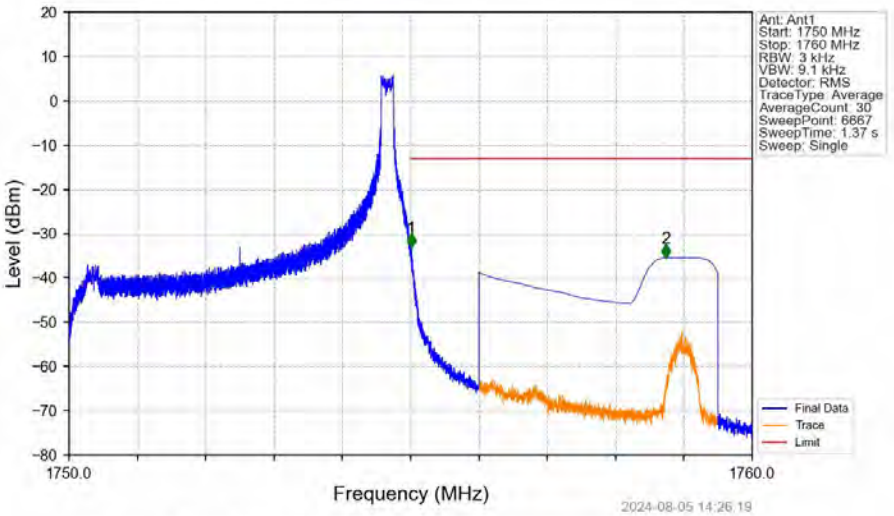
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

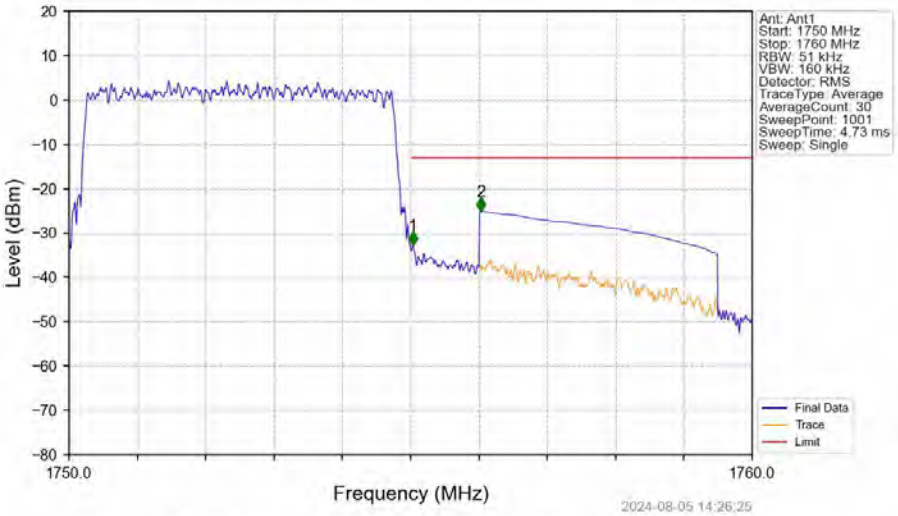


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



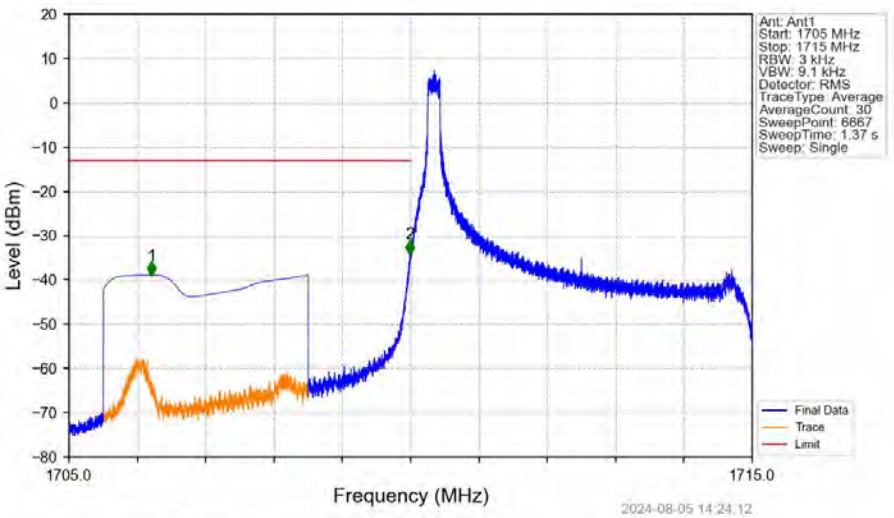
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-33.19	-13	Pass
1756	1760	1	CHP	2	1758.735	-35.43	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



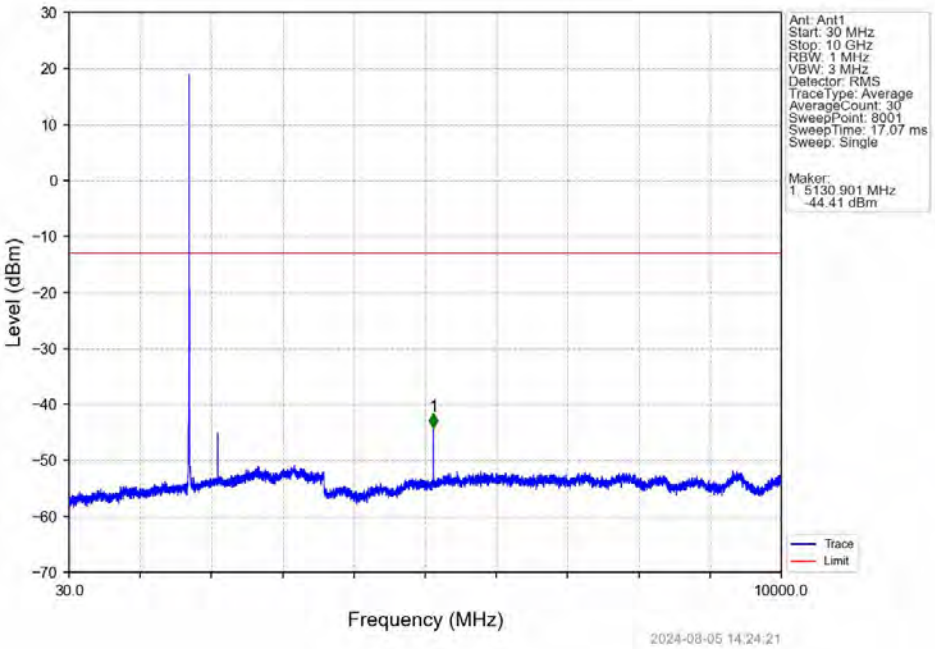
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.030	-32.83	-13	Pass
1756	1760	1	CHP	2	1756.030	-25.17	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

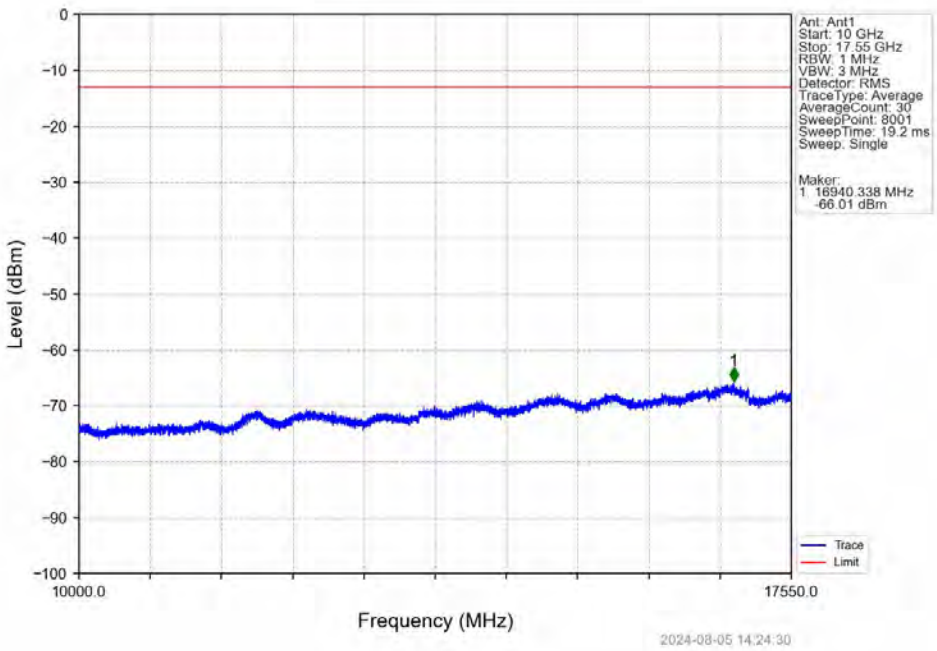


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.208	-38.91	-13	Pass
1709	1710	0.003	/	2	1709.991	-34.14	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

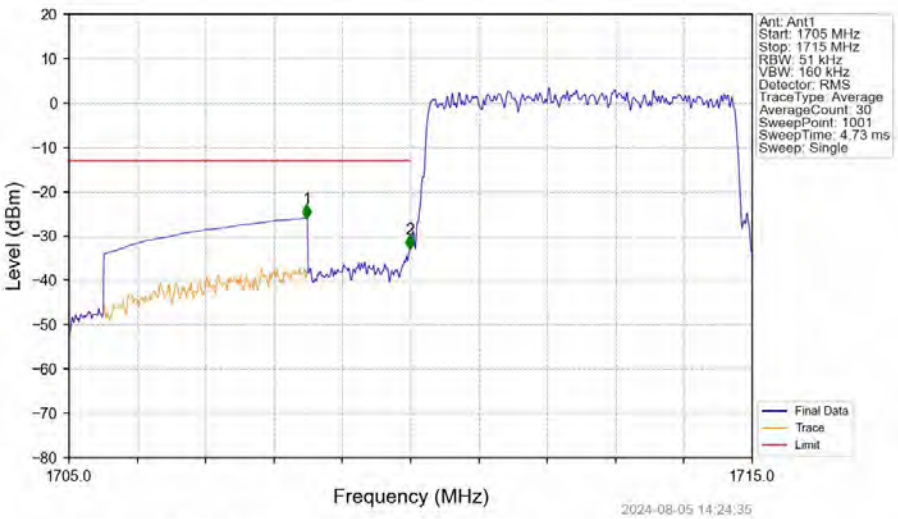
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

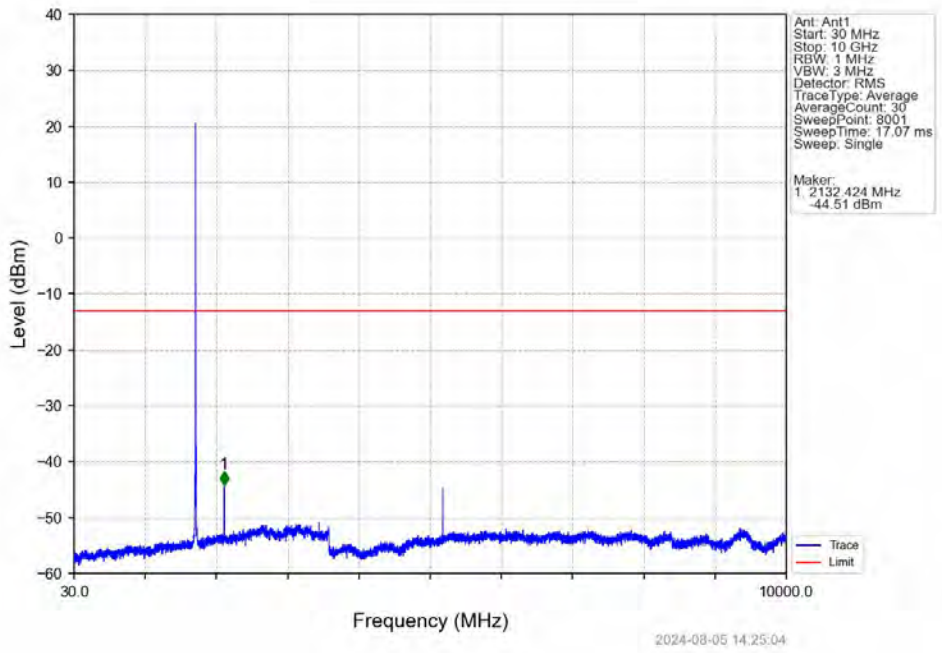


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

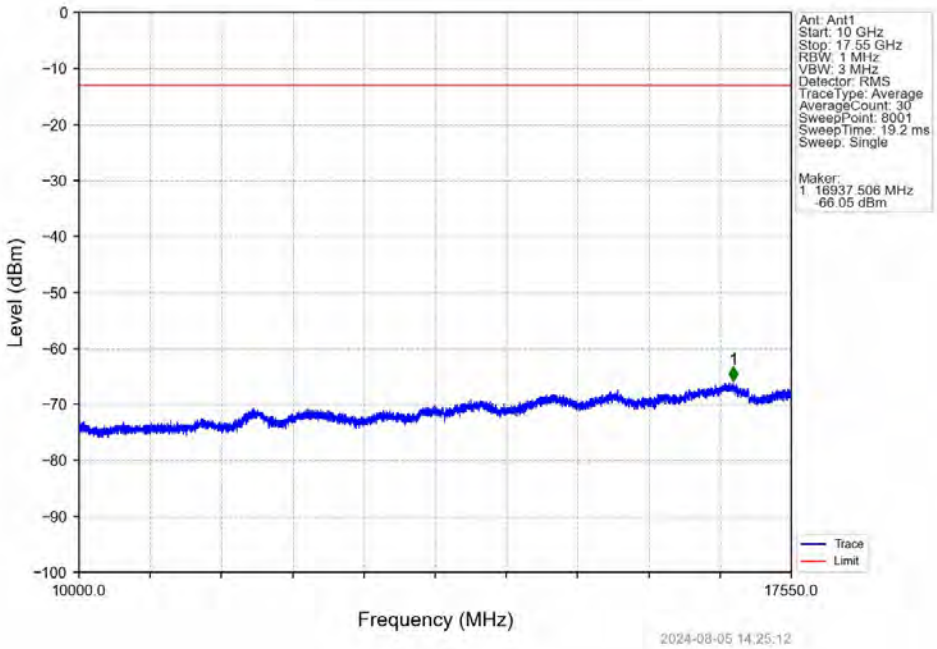


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-26.00	-13	Pass
1709	1710	0.051	/	2	1709.990	-32.88	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

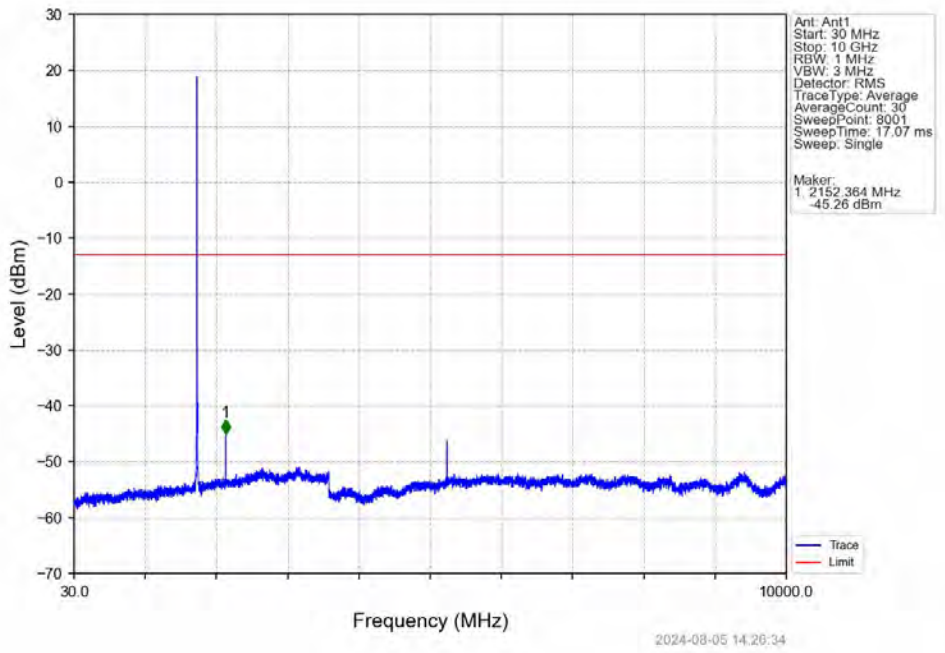
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



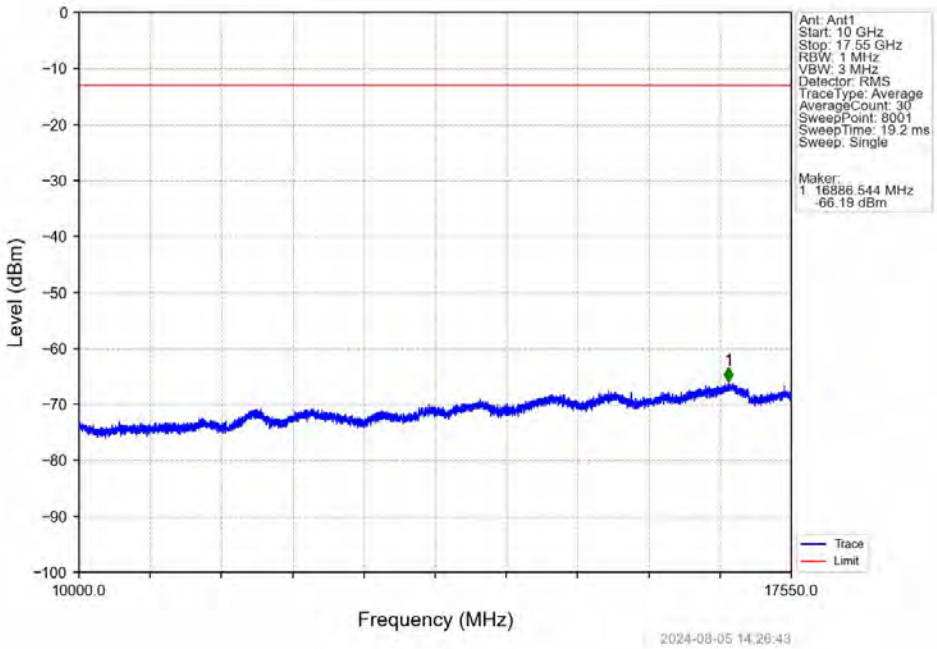
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



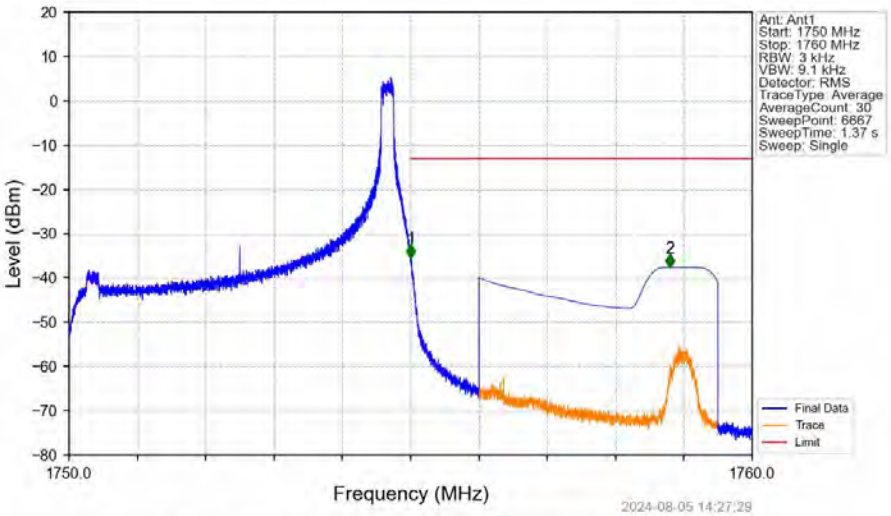
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

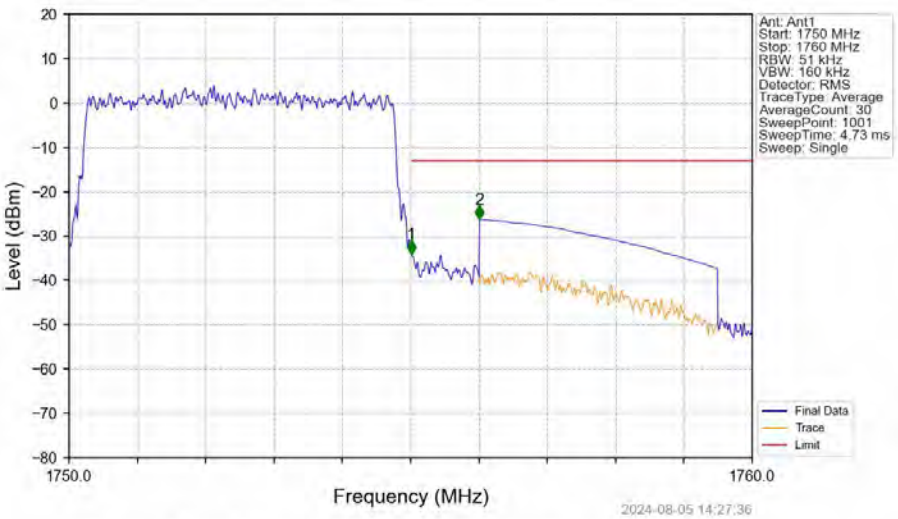


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-35.53	-13	Pass
1756	1760	1	CHP	2	1758.791	-37.62	-13	Pass

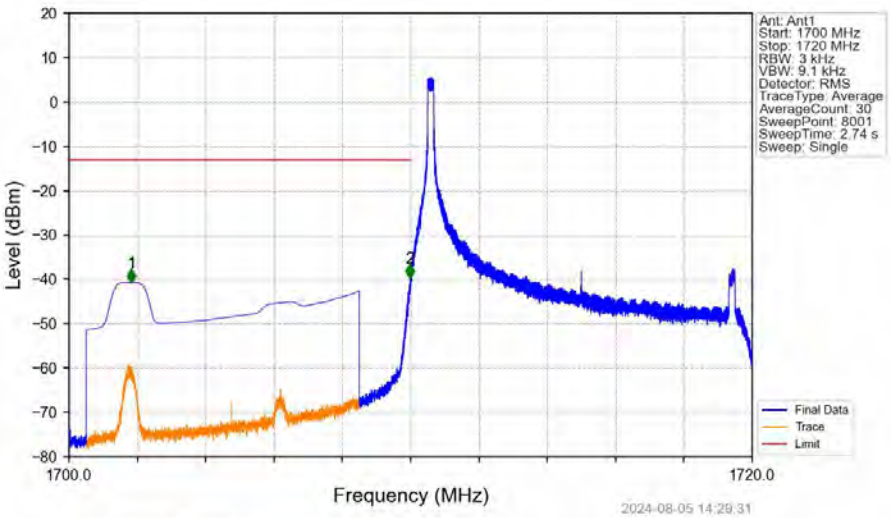
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-34.08	-13	Pass
1756	1760	1	CHP	2	1756.010	-26.24	-13	Pass

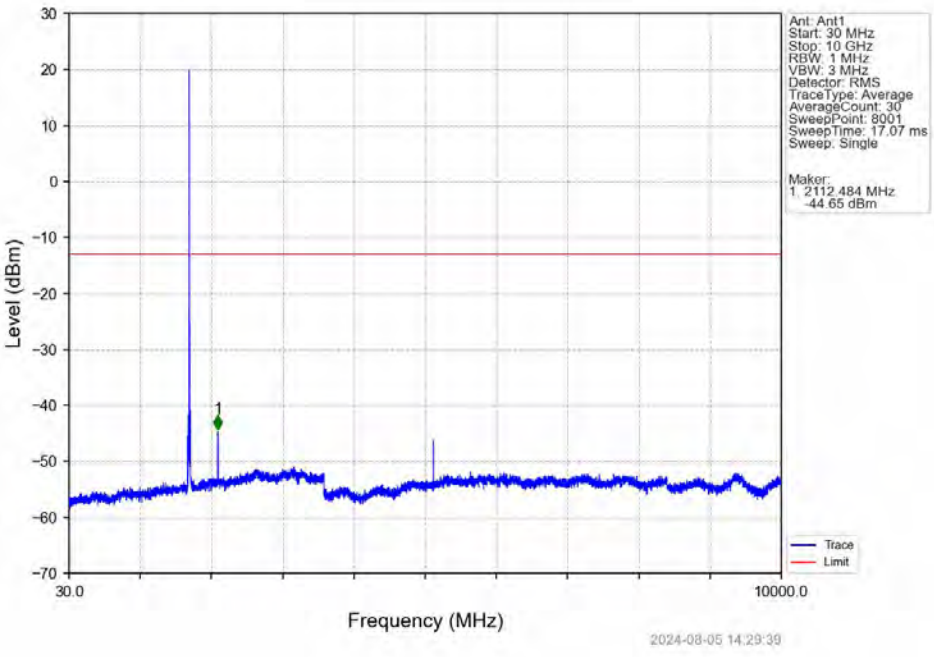
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

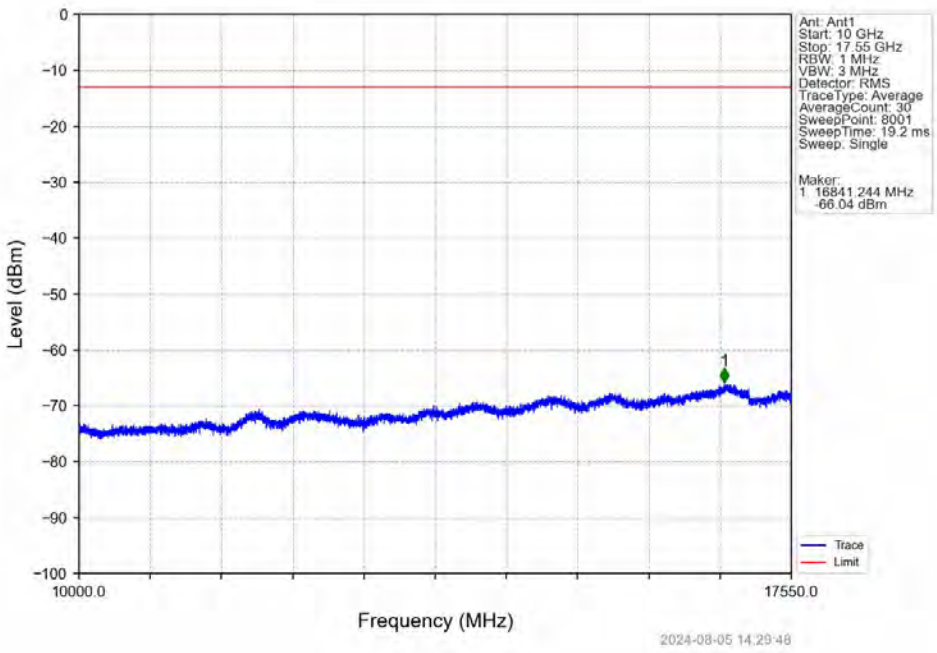


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.830	-40.72	-13	Pass
1709	1710	0.003	/	2	1709.987	-39.61	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

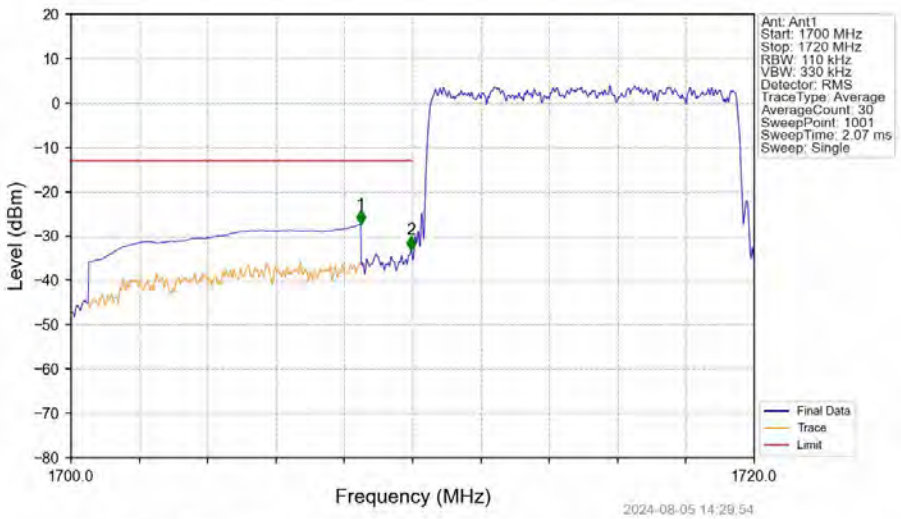
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

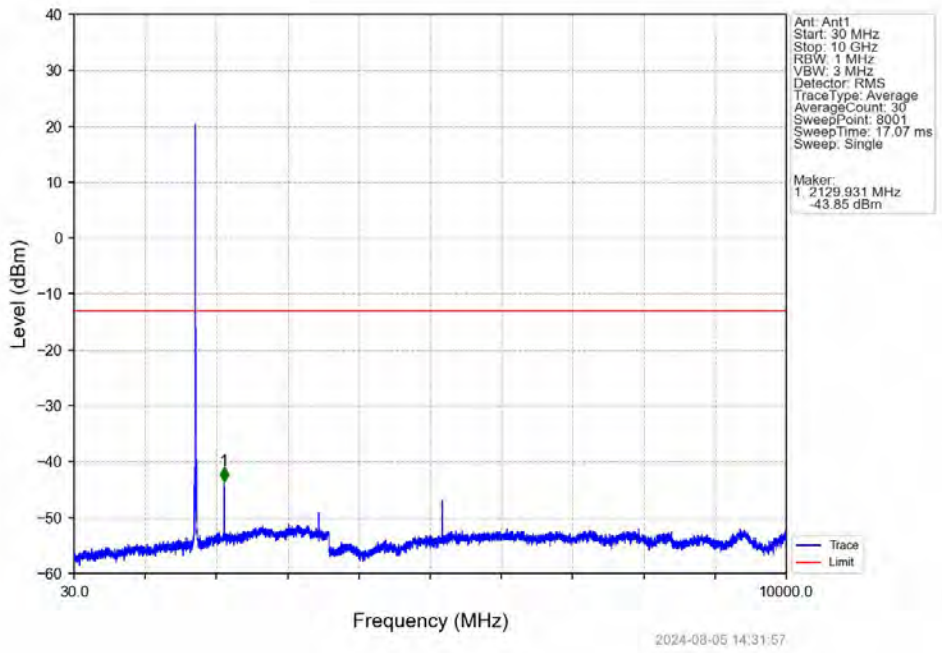


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

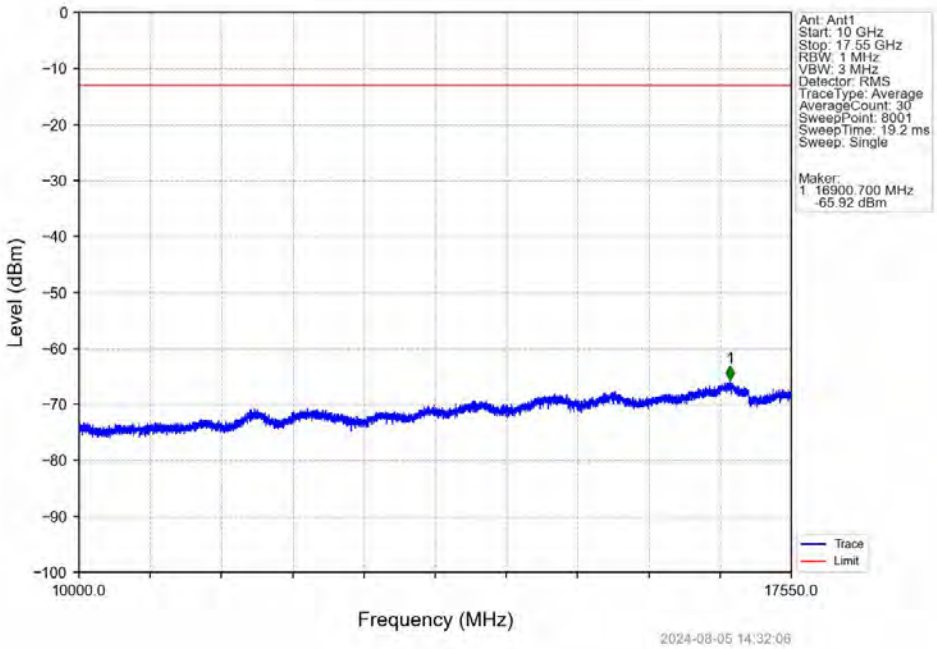


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-27.27	-13	Pass
1709	1710	0.11	/	2	1709.960	-33.04	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

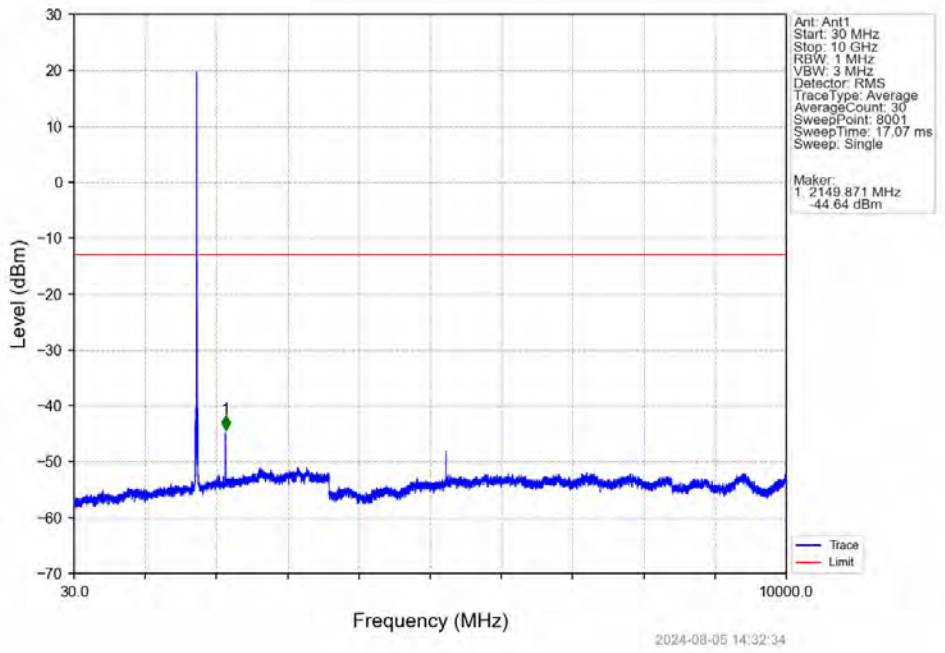
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



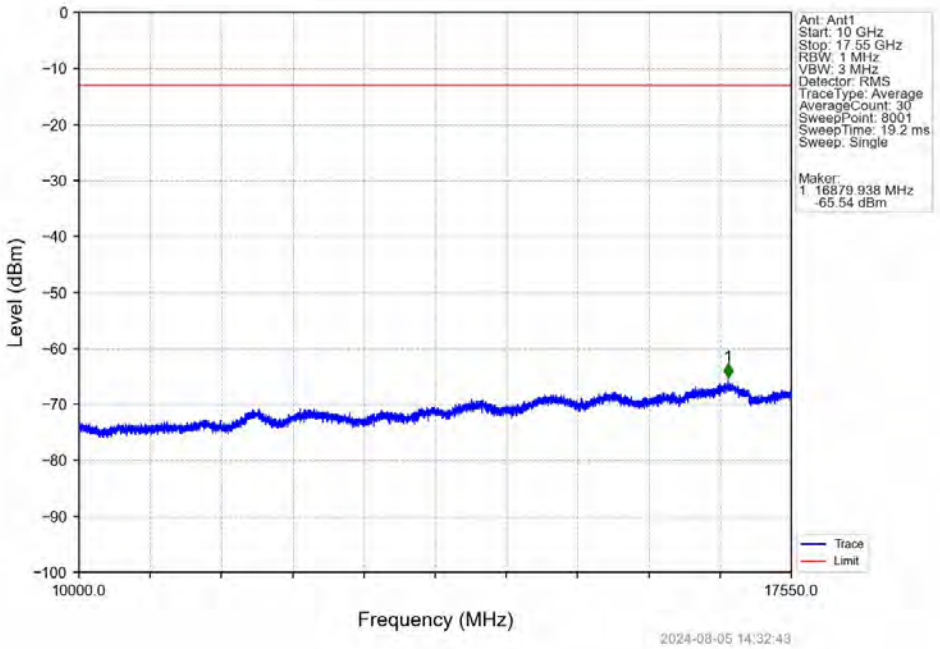
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



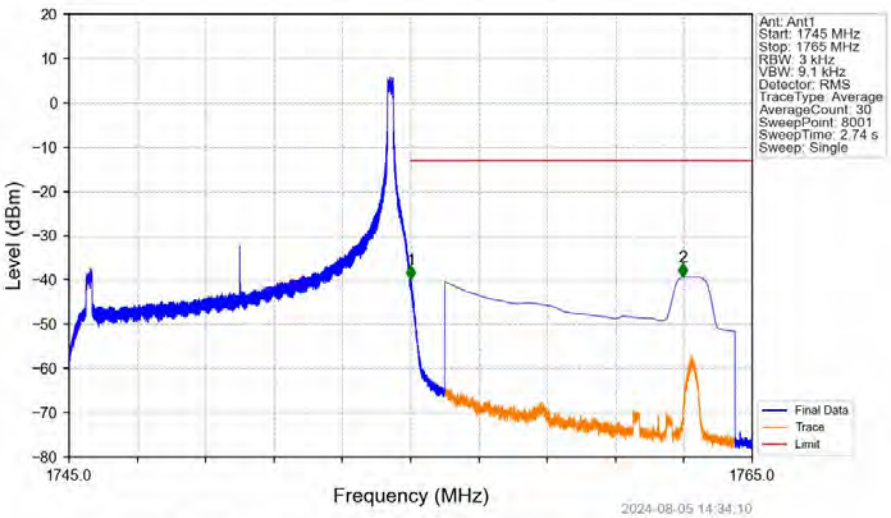
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

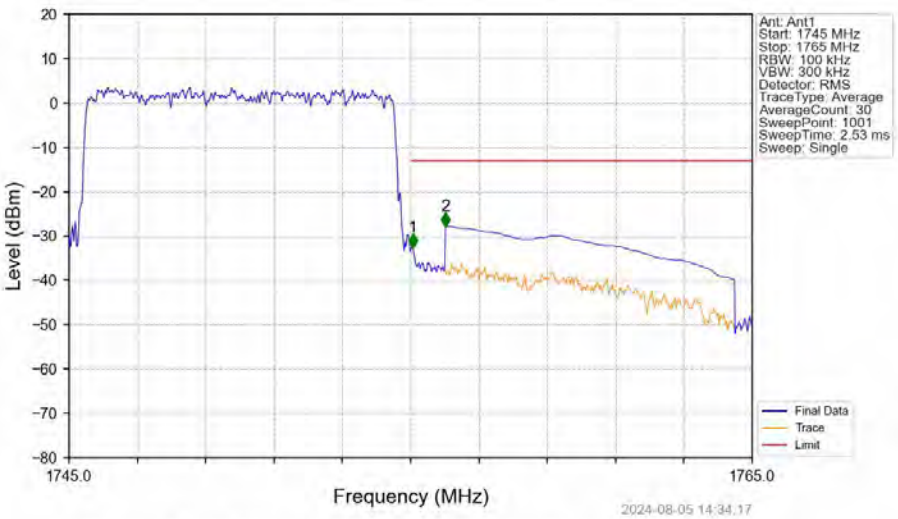


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



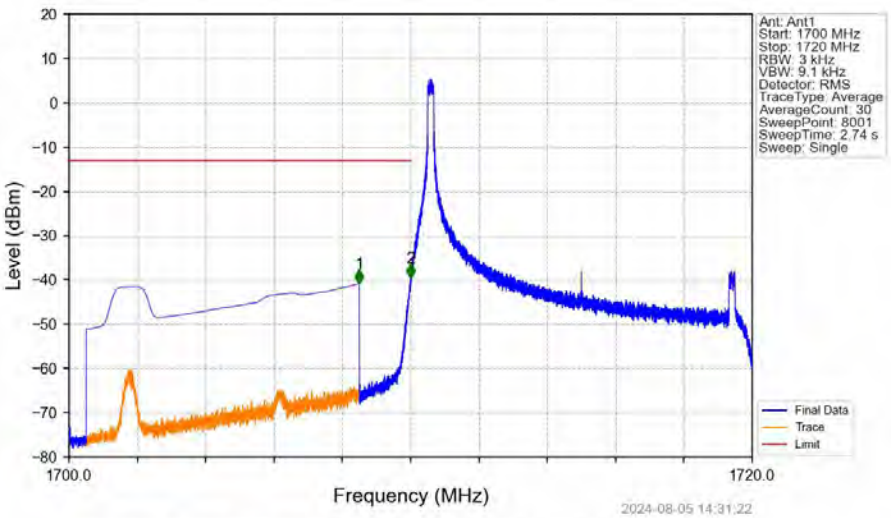
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-39.85	-13	Pass
1756	1765	1	CHP	2	1762.970	-39.35	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



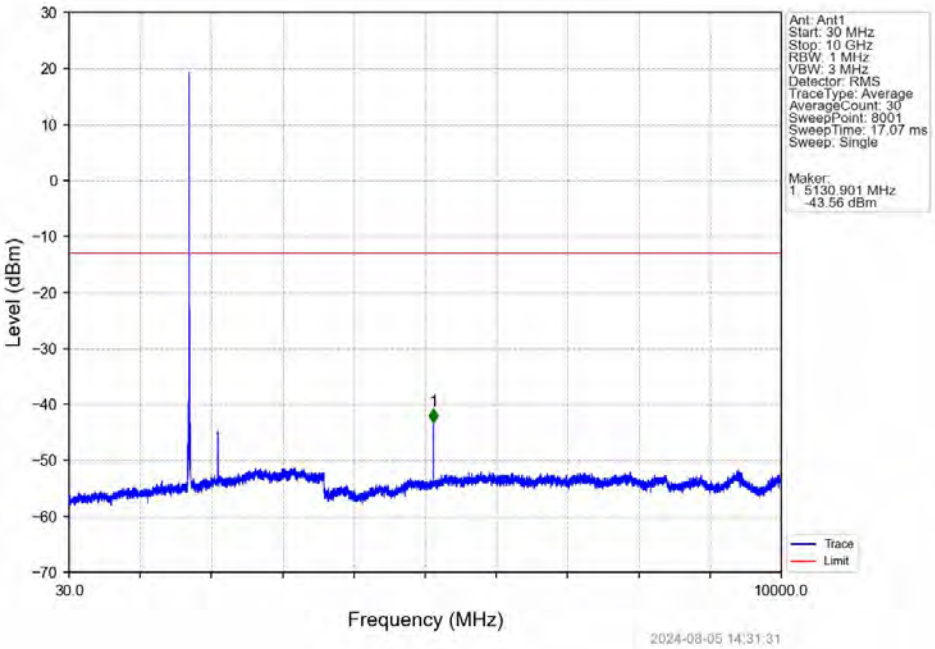
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.060	-32.49	-13	Pass
1756	1765	1	CHP	2	1756.020	-27.76	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

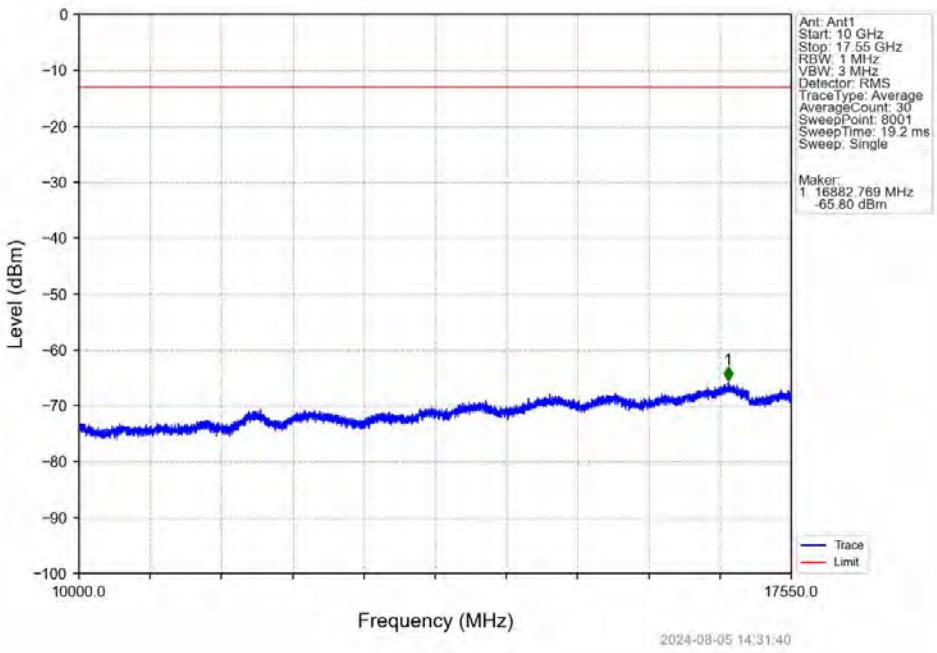


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.497	-40.80	-13	Pass
1709	1710	0.003	/	2	1709.997	-39.59	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

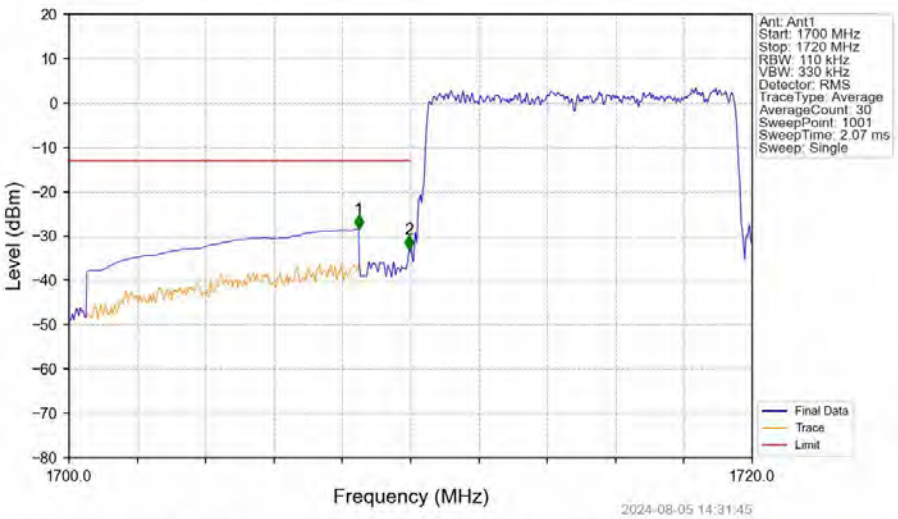
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

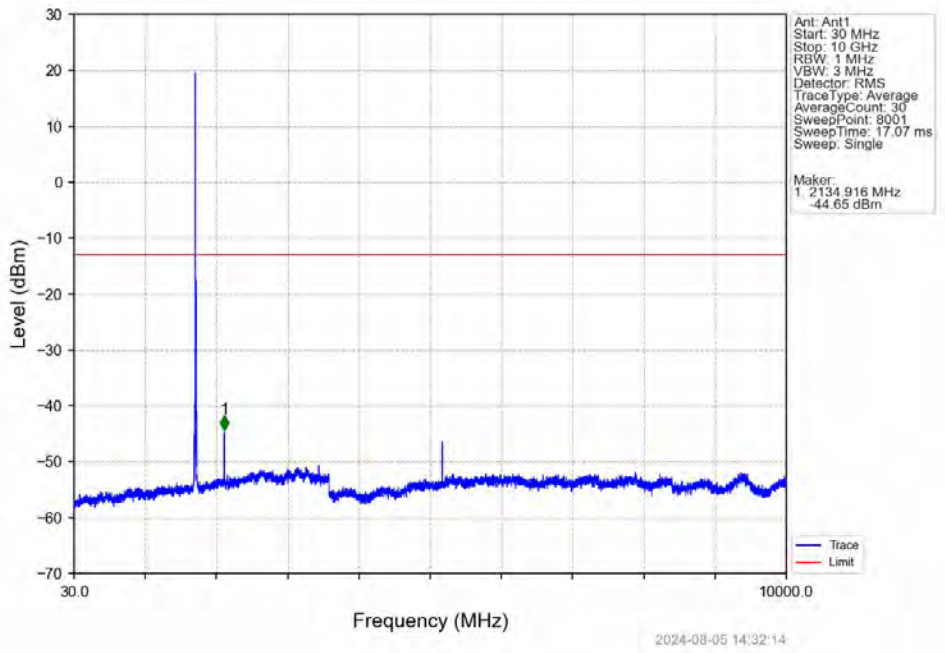


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

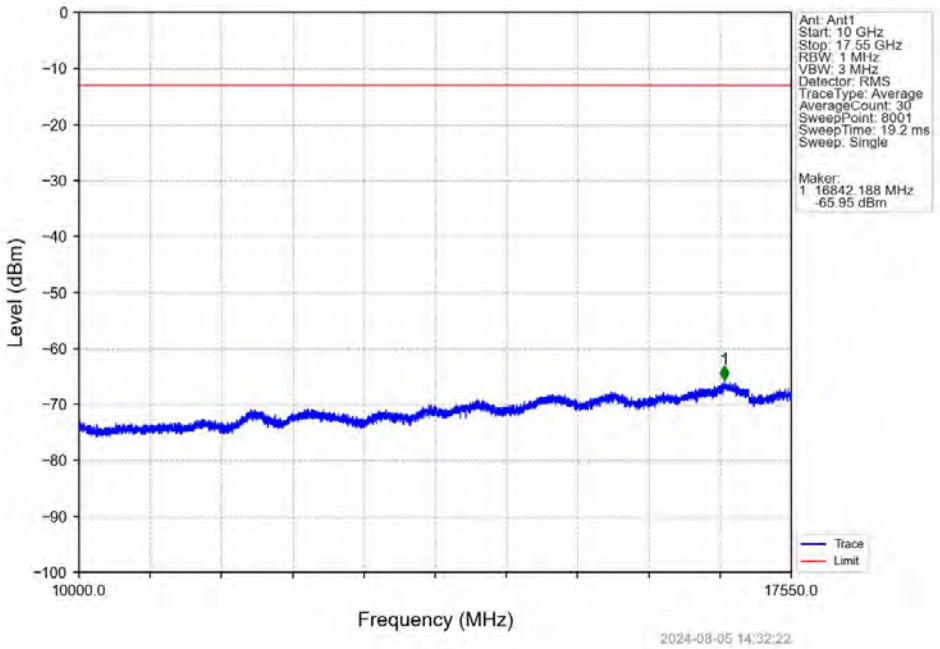


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-28.35	-13	Pass
1709	1710	0.11	/	2	1709.960	-33.01	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

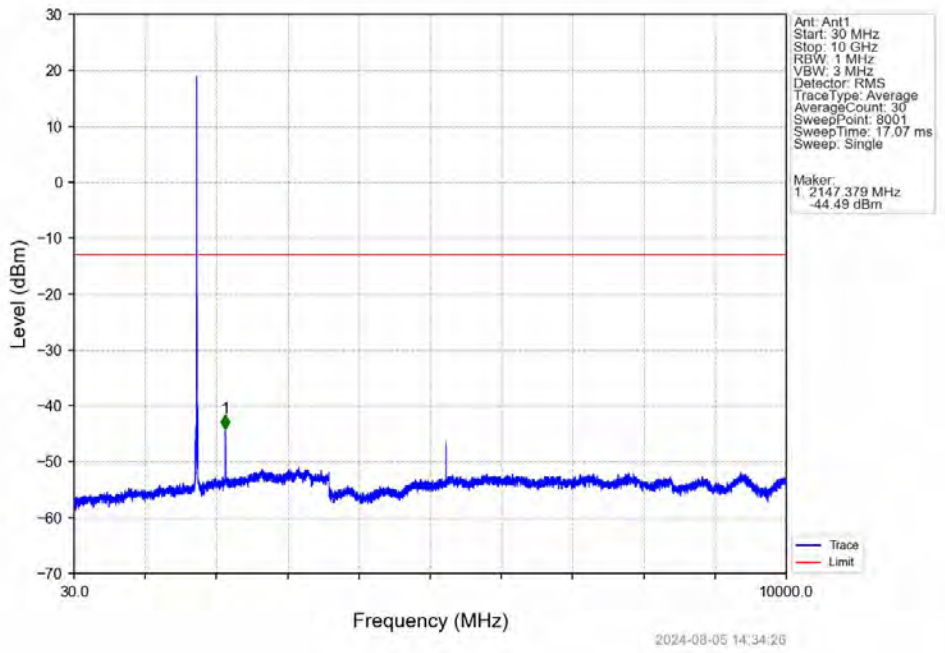
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



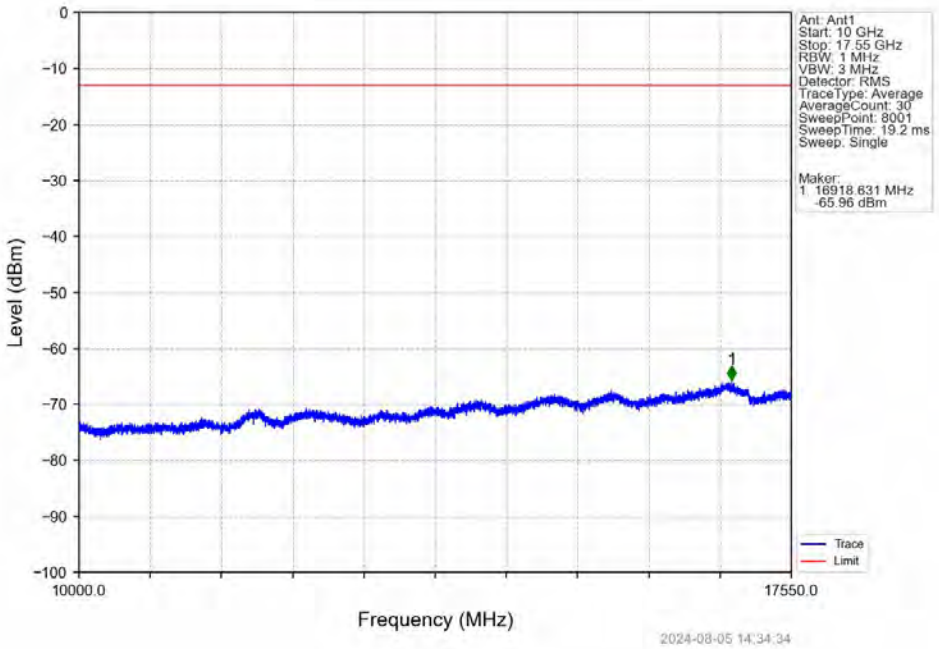
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



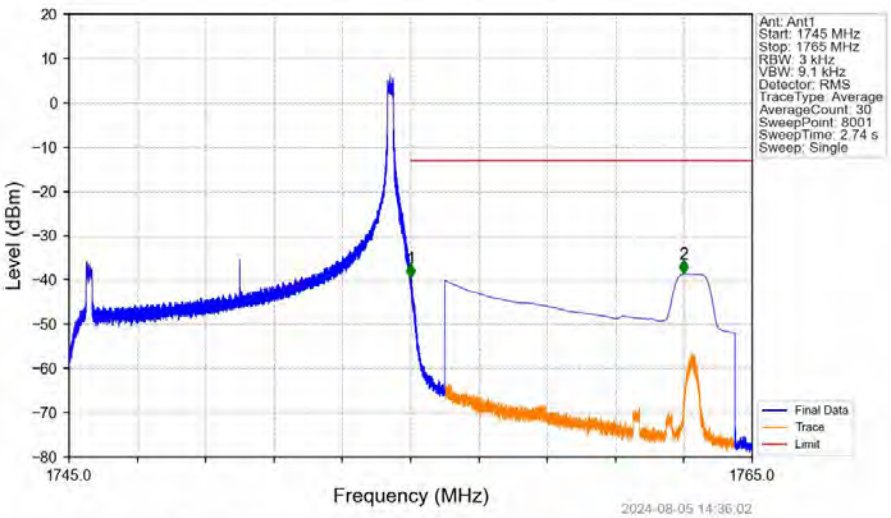
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

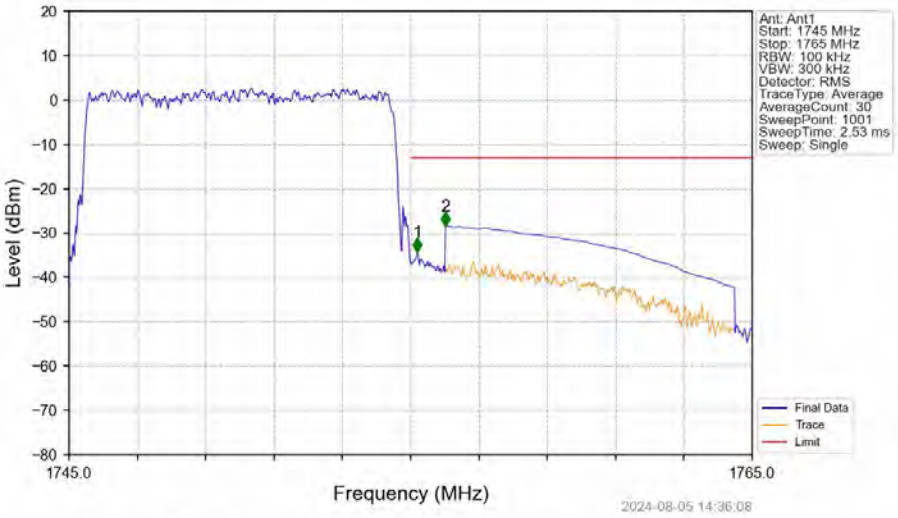


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



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	1755.003	-39.52	-13	Pass
1756	1765	1	CHP	2	1762.990	-38.65	-13	Pass

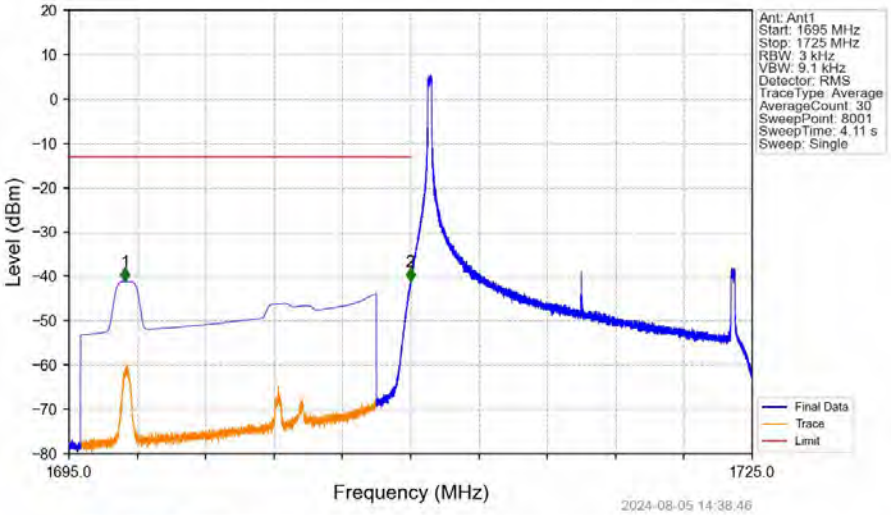
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.200	-34.27	-13	Pass
1756	1765	1	CHP	2	1756.020	-28.35	-13	Pass

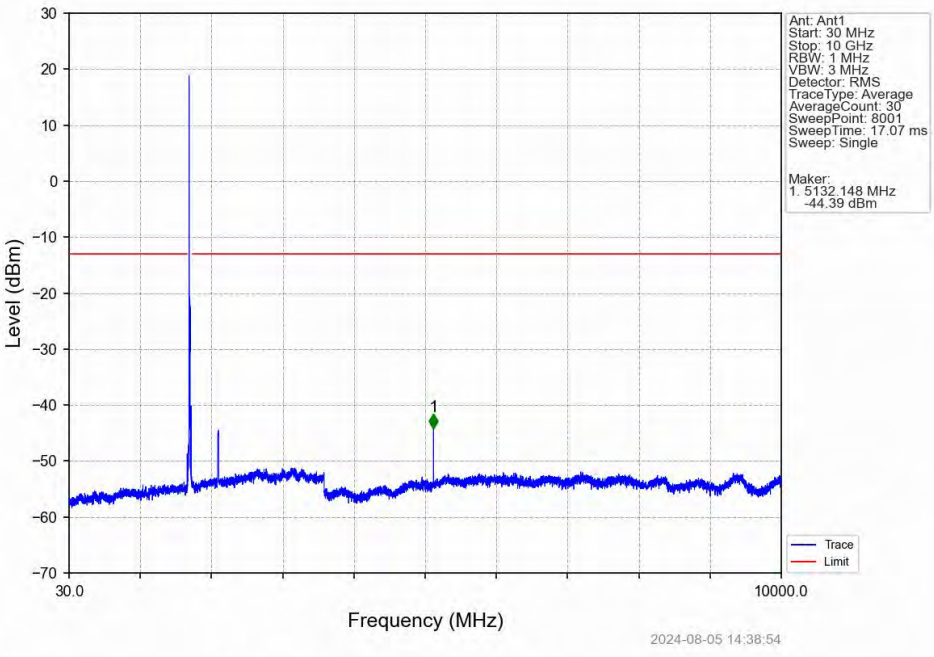
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

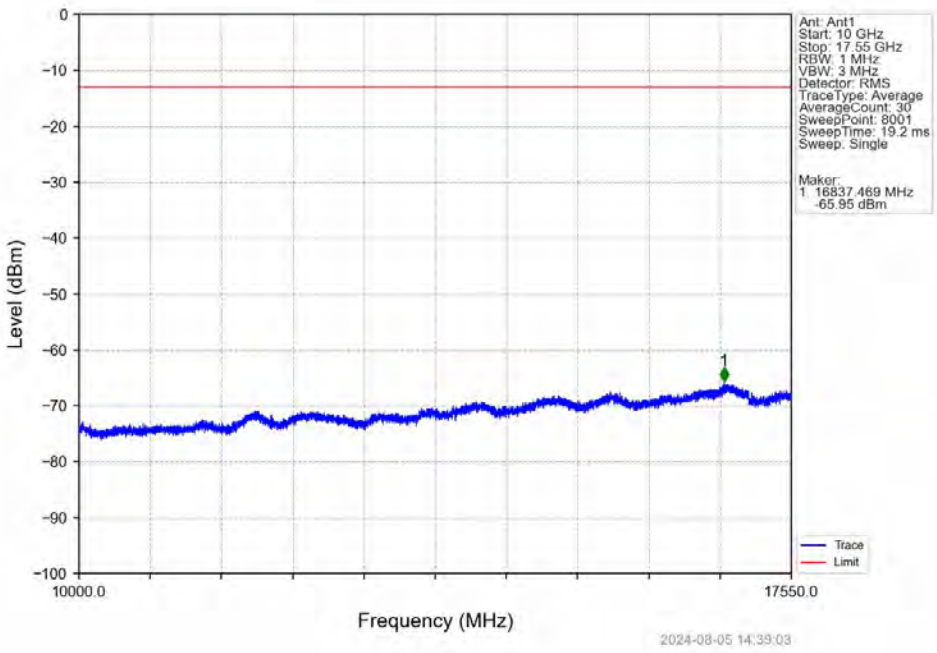


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.453	-41.21	-13	Pass
1709	1710	0.003	/	2	1709.985	-41.12	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

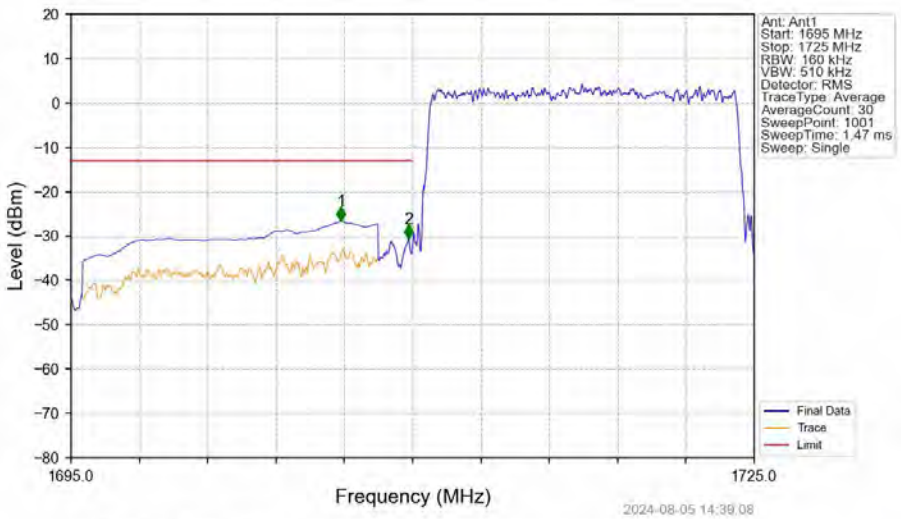
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

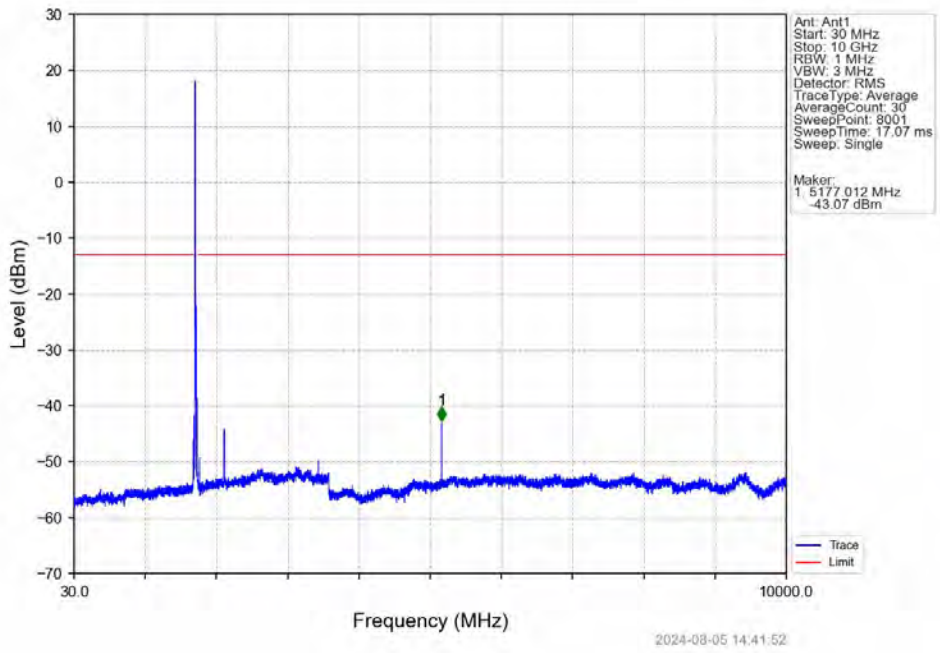


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

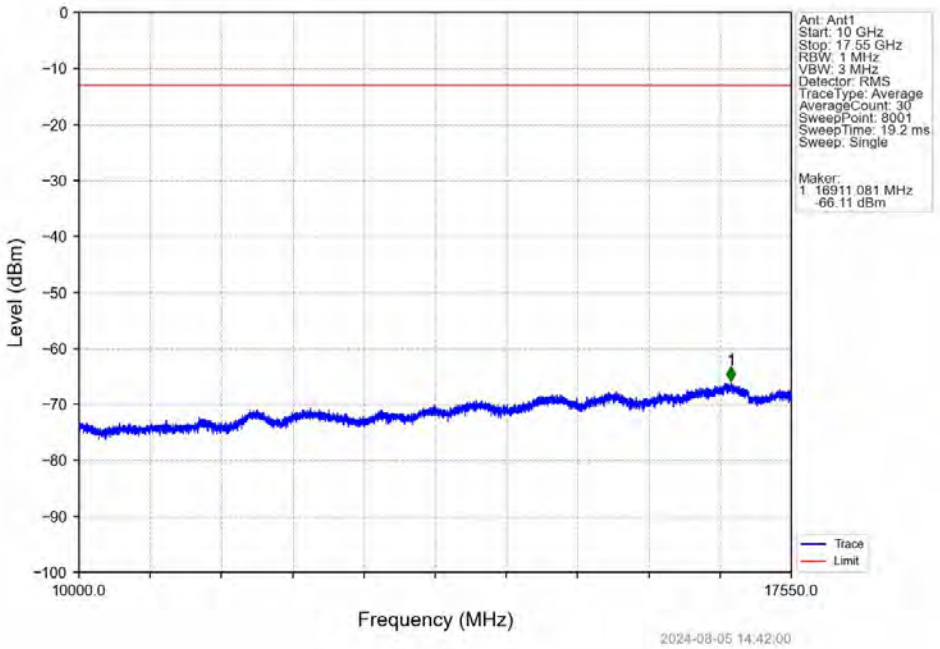


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.850	-26.61	-13	Pass
1709	1710	0.16	/	2	1709.820	-30.66	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

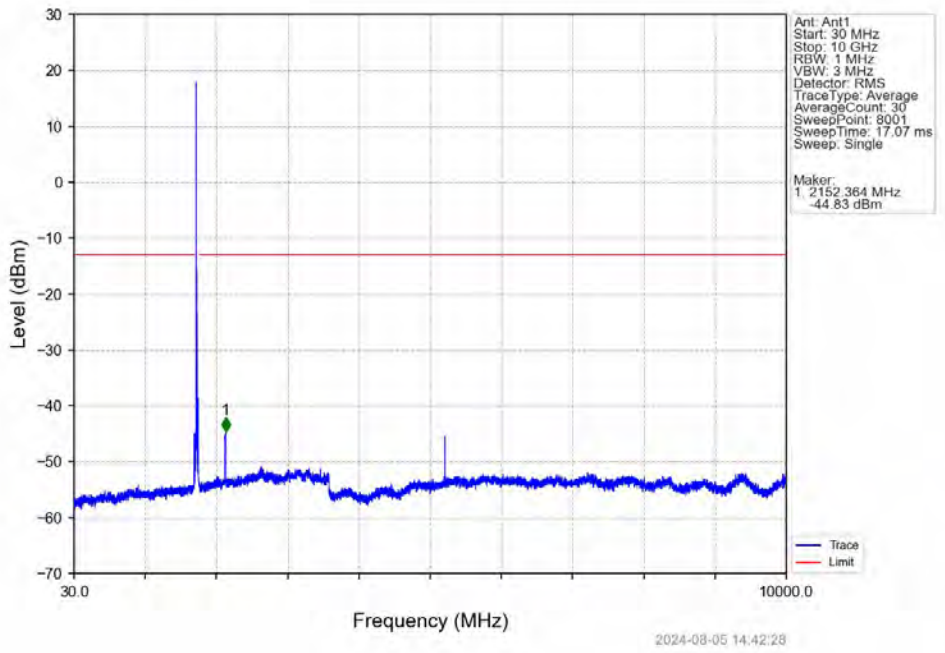
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



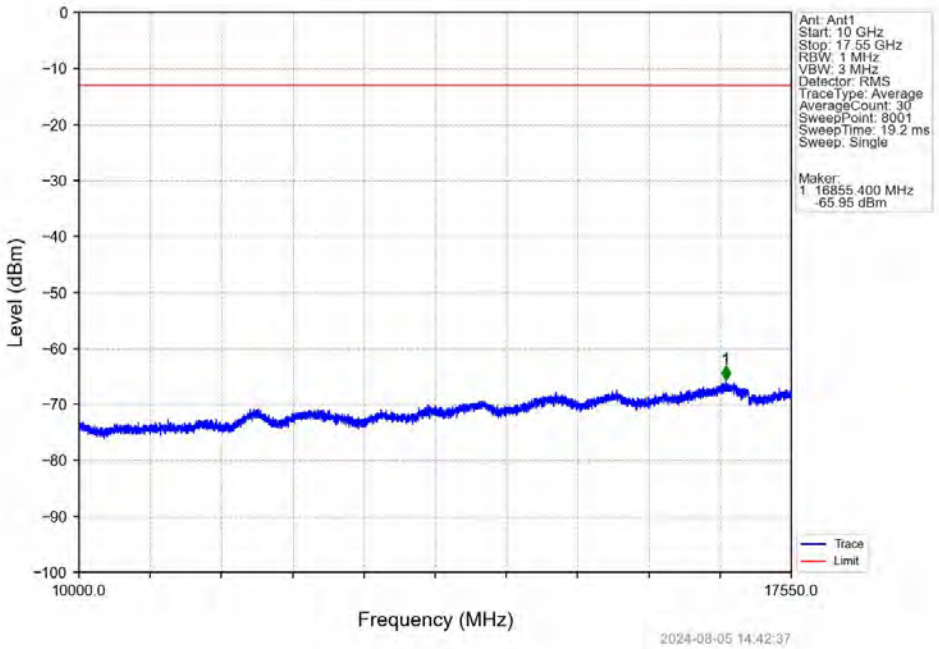
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



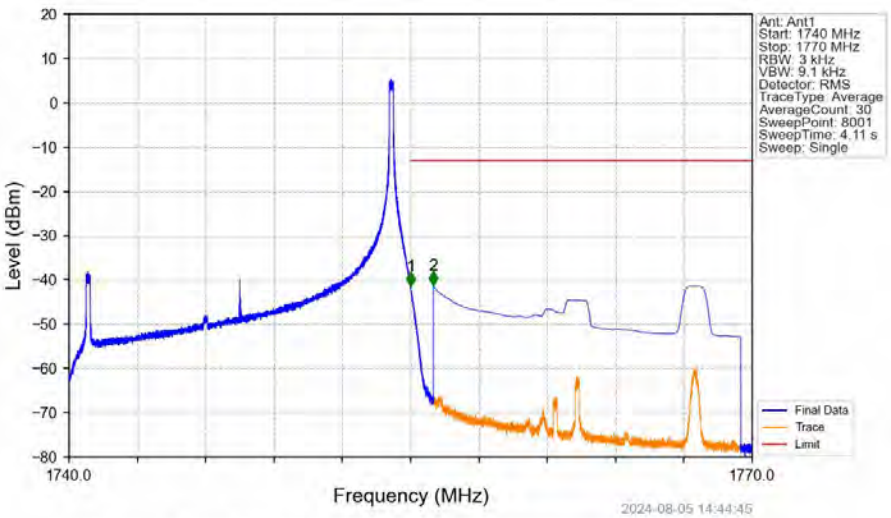
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

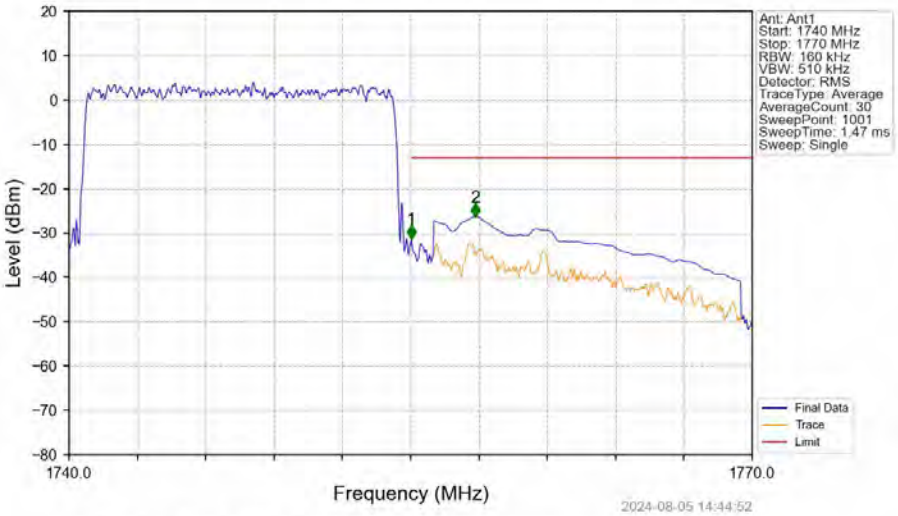


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



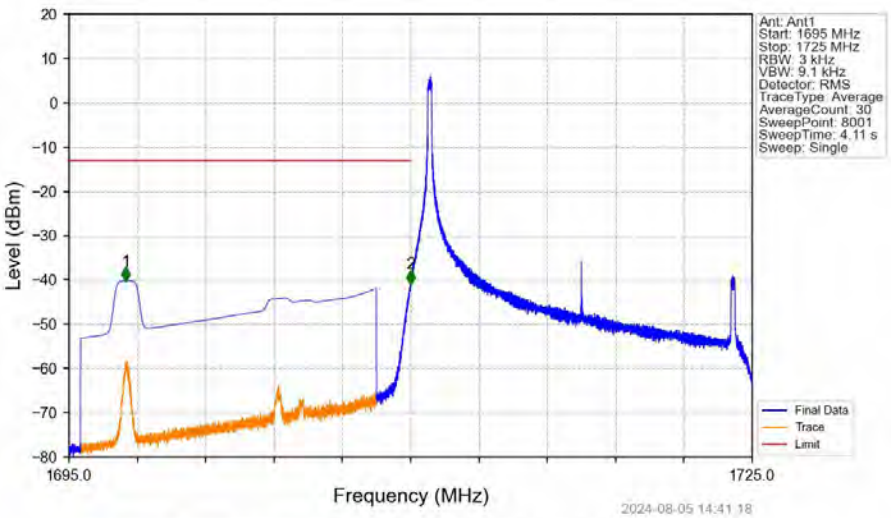
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-41.32	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.21	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



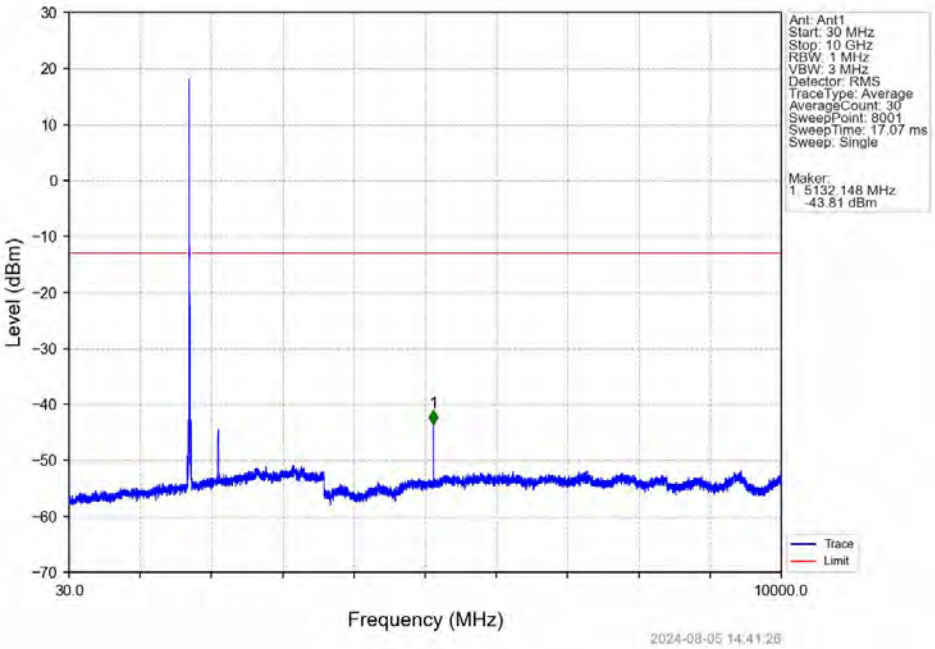
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.030	-31.37	-13	Pass
1756	1770	1	CHP	2	1757.850	-26.31	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

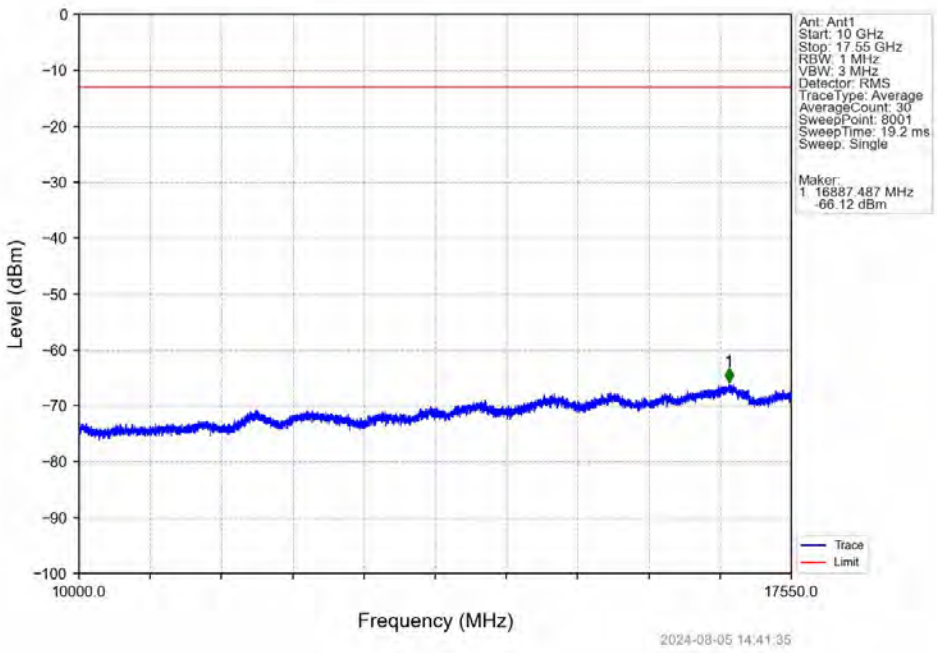


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.497	-40.22	-13	Pass
1709	1710	0.003	/	2	1709.996	-40.88	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

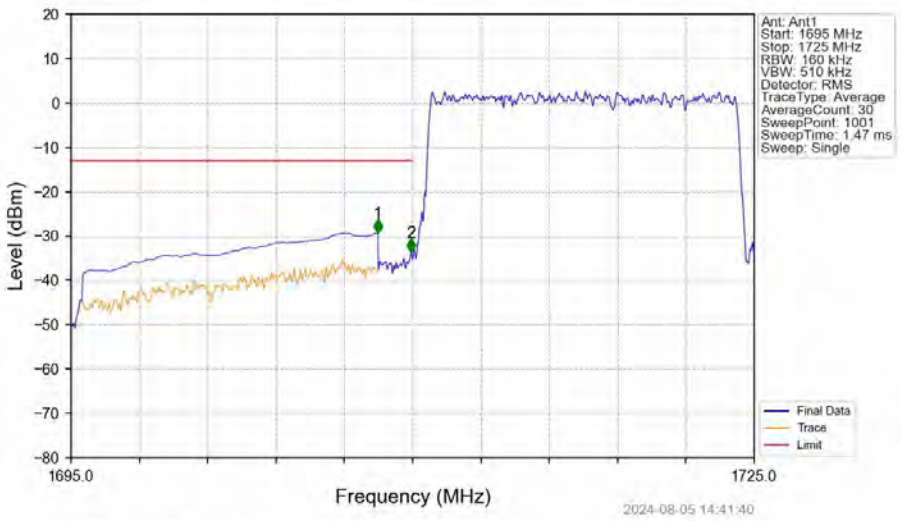
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

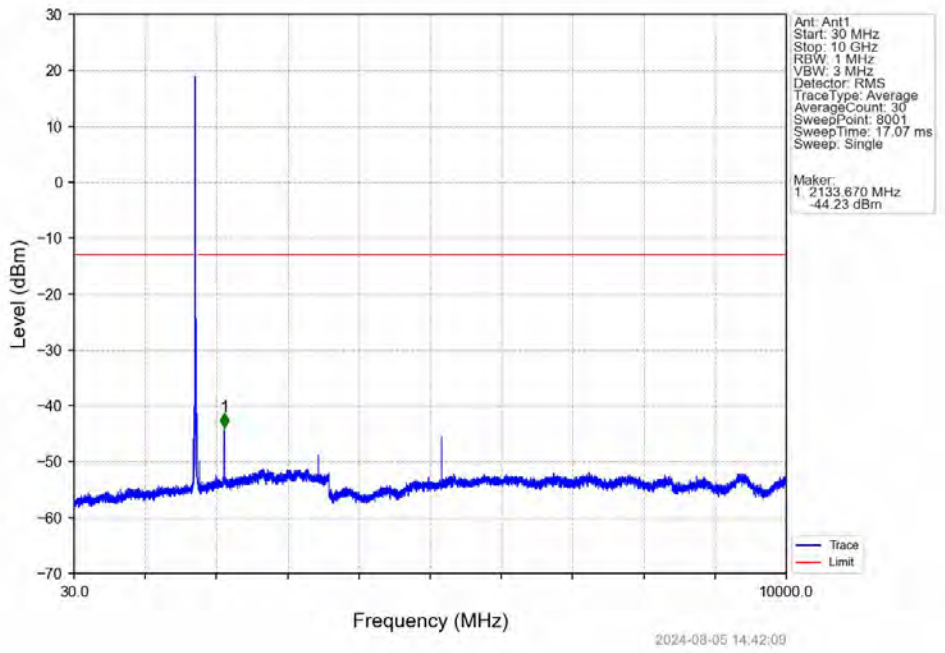


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

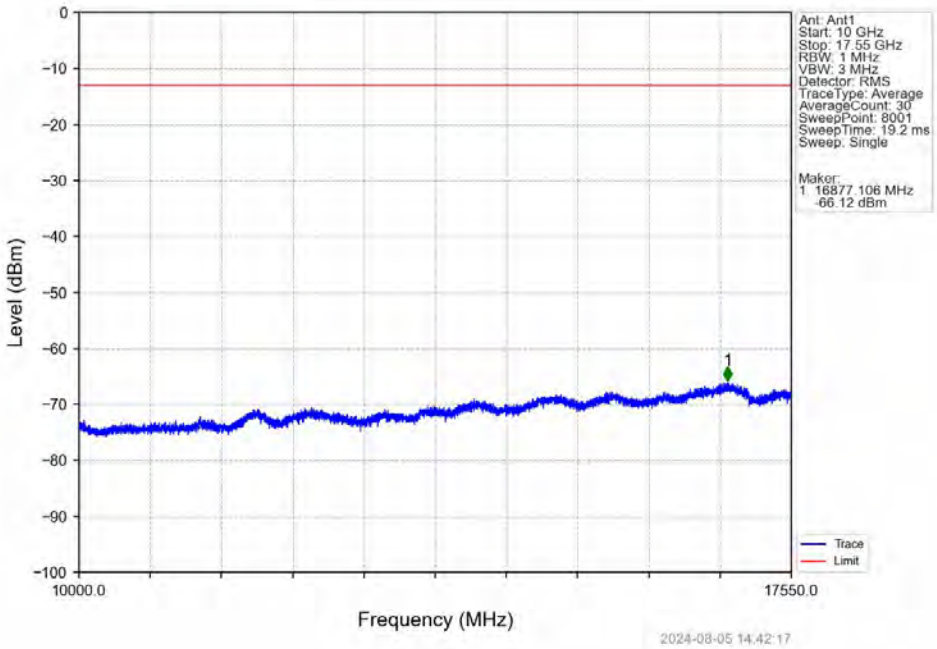


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-29.29	-13	Pass
1709	1710	0.16	/	2	1709.940	-33.72	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

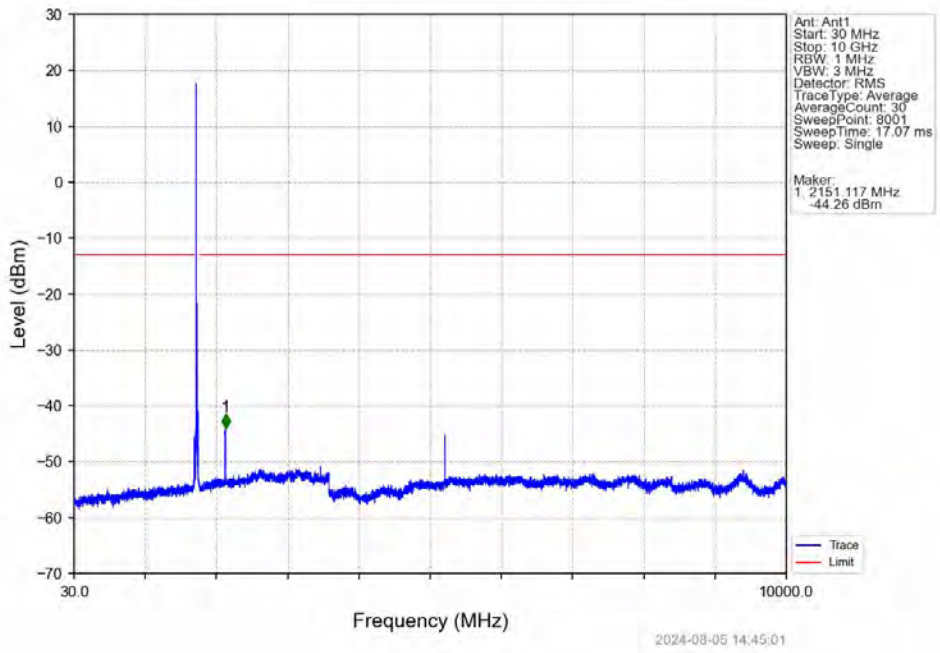
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



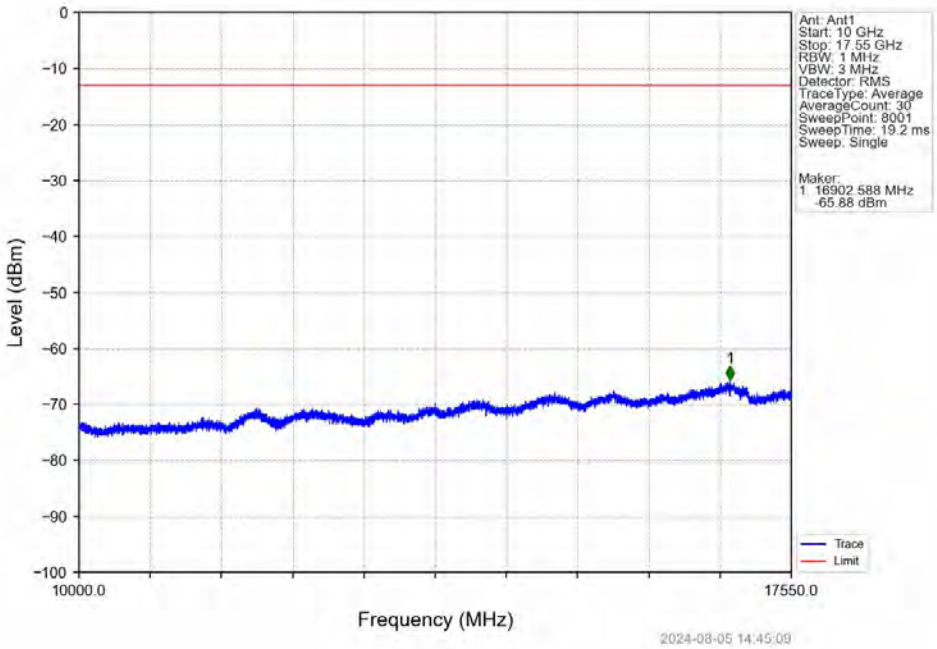
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



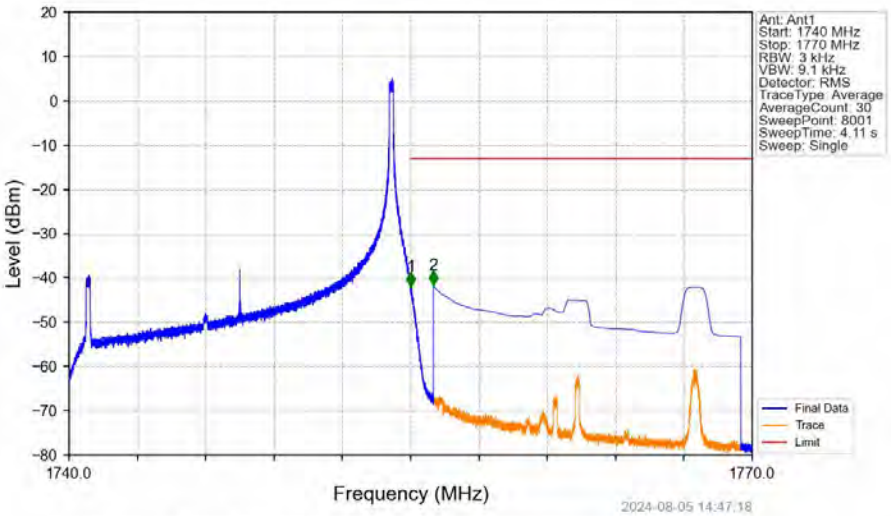
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

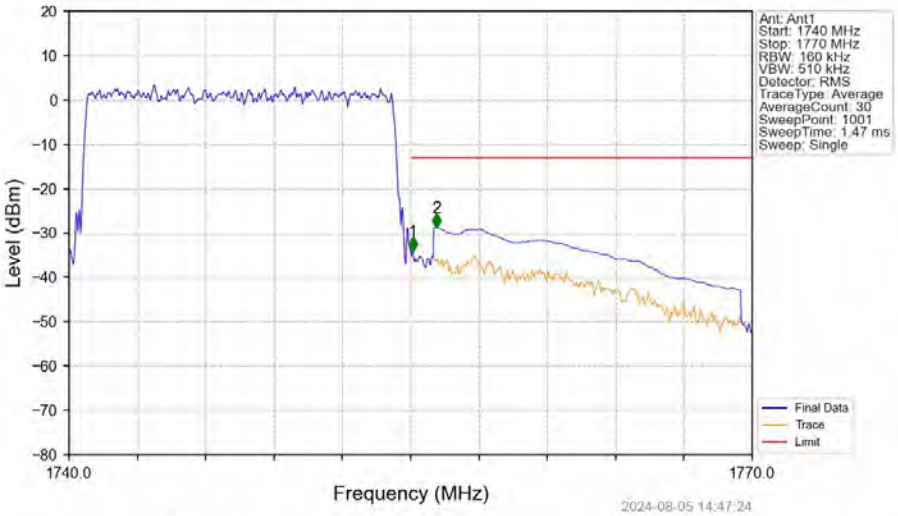


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.011	-41.89	-13	Pass
1756	1770	1	CHP	2	1756.001	-41.55	-13	Pass

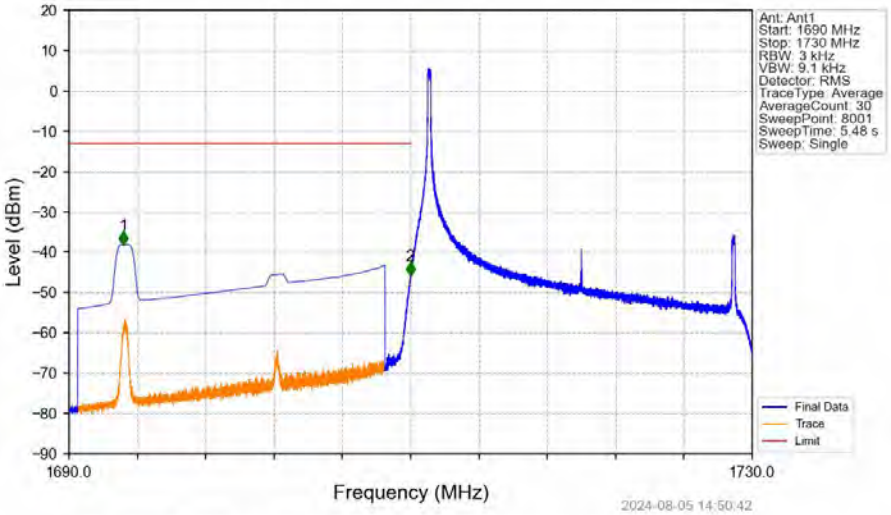
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



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	1755.090	-33.97	-13	Pass
1756	1770	1	CHP	2	1756.140	-28.76	-13	Pass

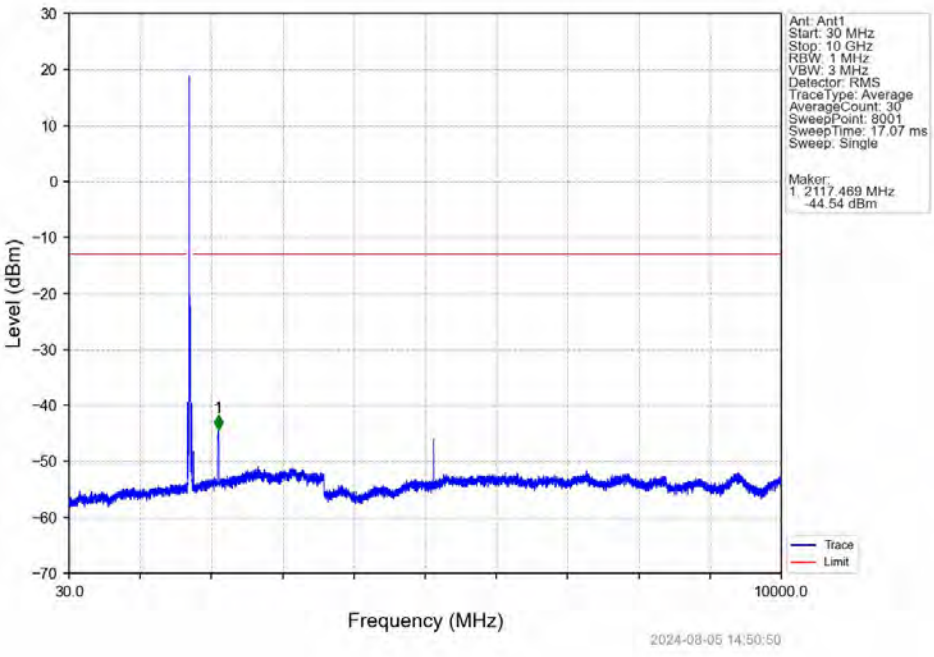
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

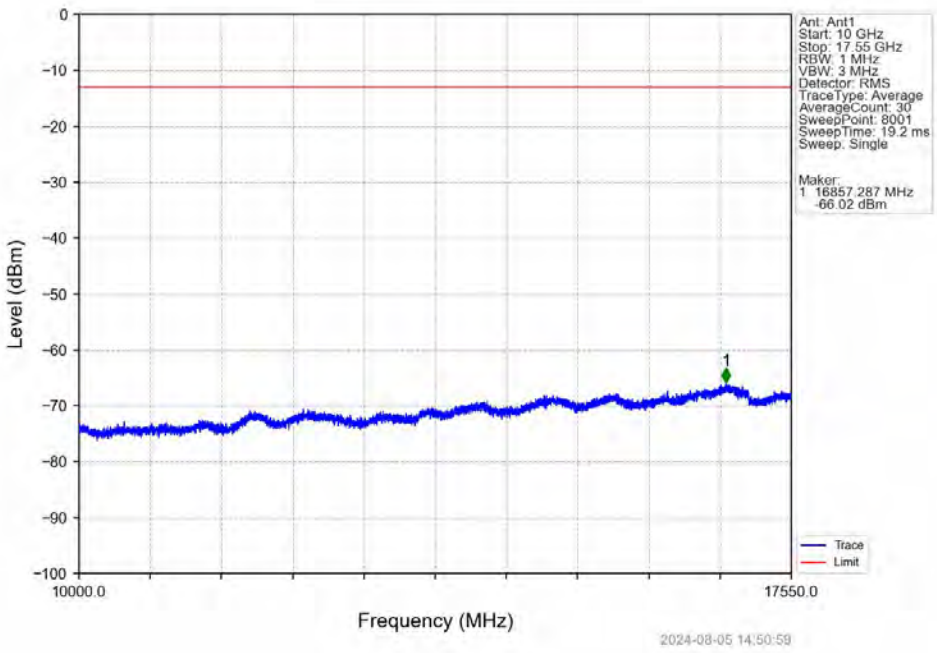


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.190	-38.16	-13	Pass
1709	1710	0.003	/	2	1709.985	-45.94	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

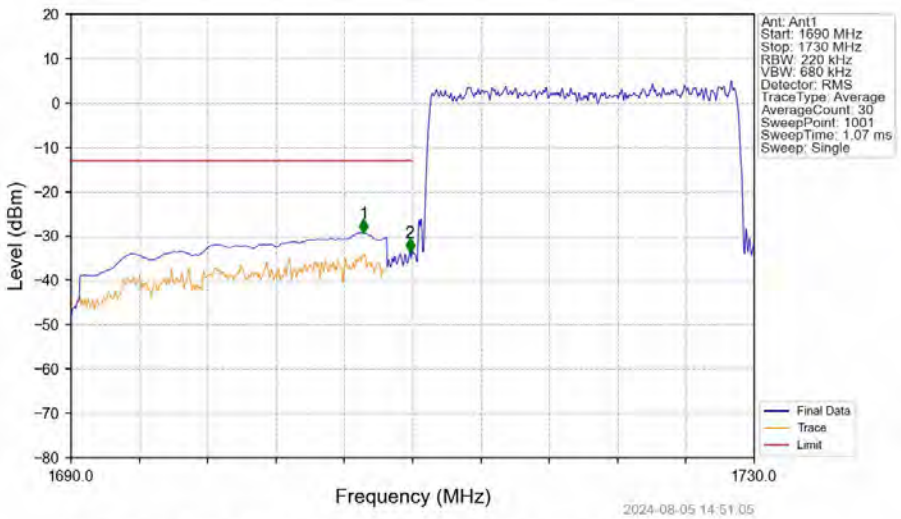
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

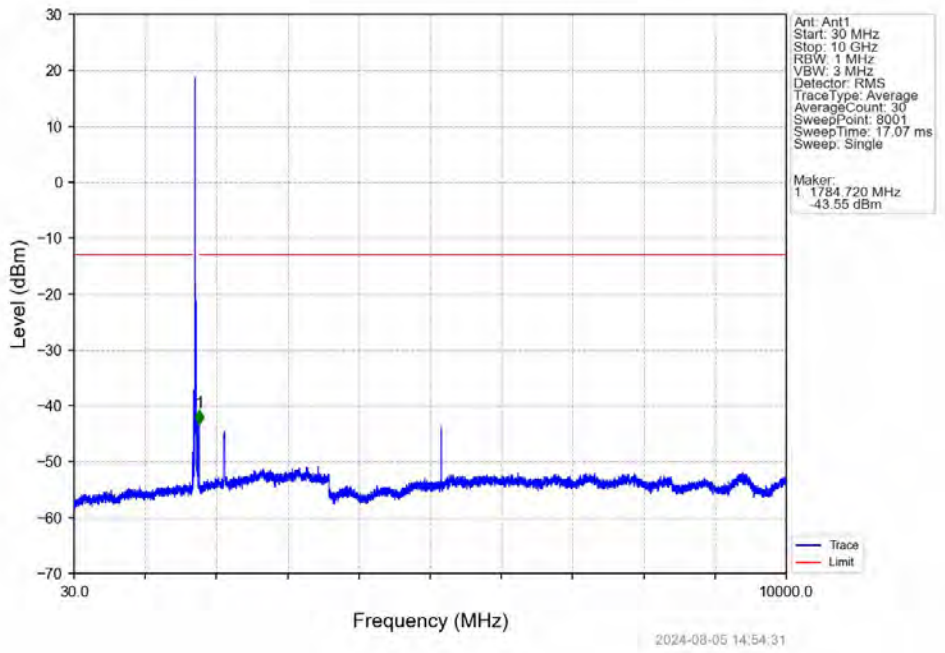


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

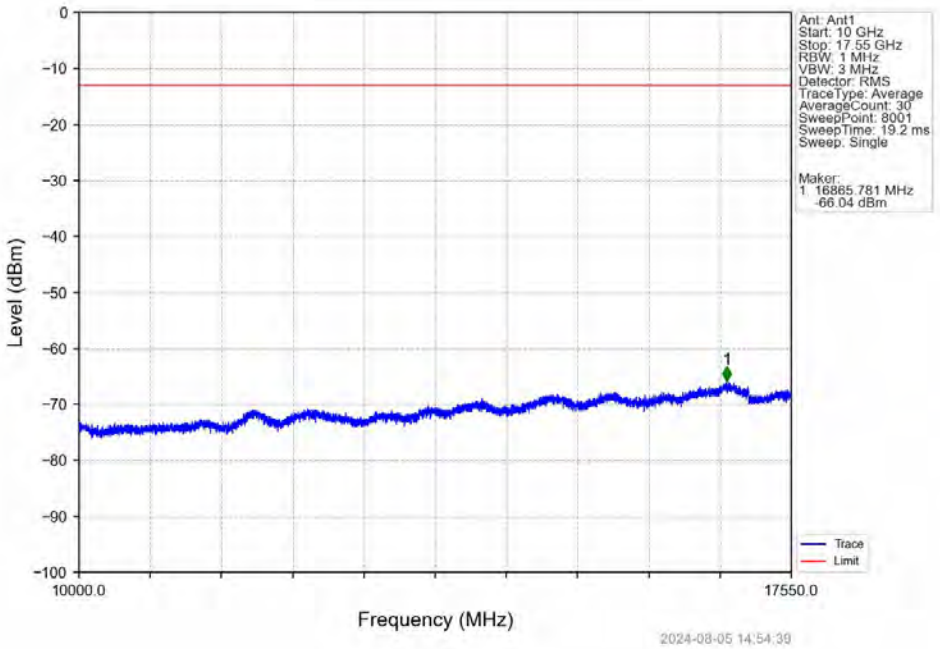


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.120	-29.26	-13	Pass
1709	1710	0.22	/	2	1709.840	-33.64	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

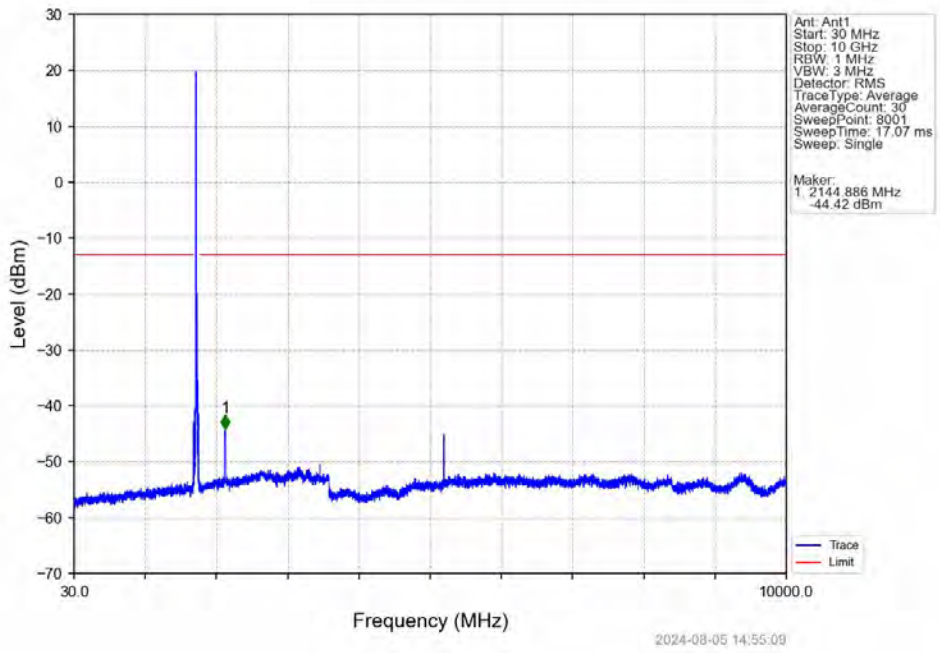
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



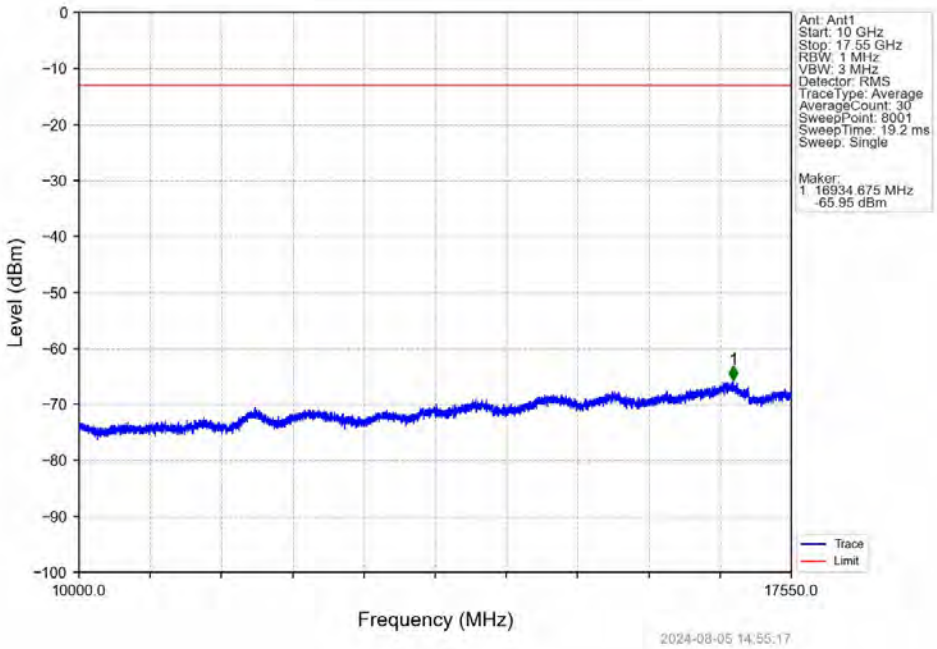
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



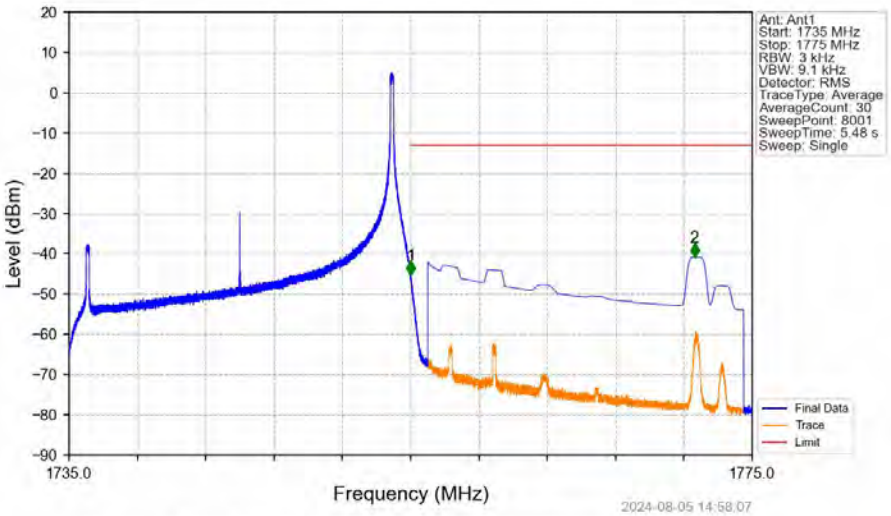
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

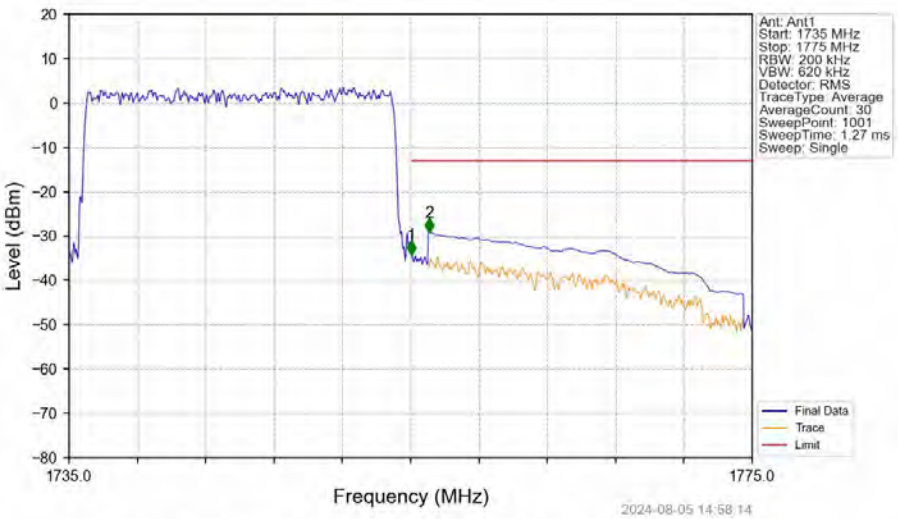


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



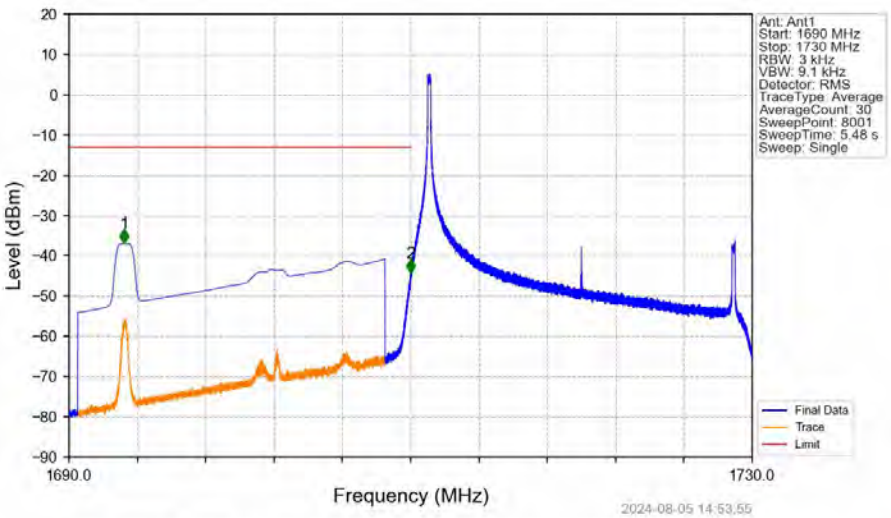
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-45.34	-13	Pass
1756	1775	1	CHP	2	1771.625	-40.79	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



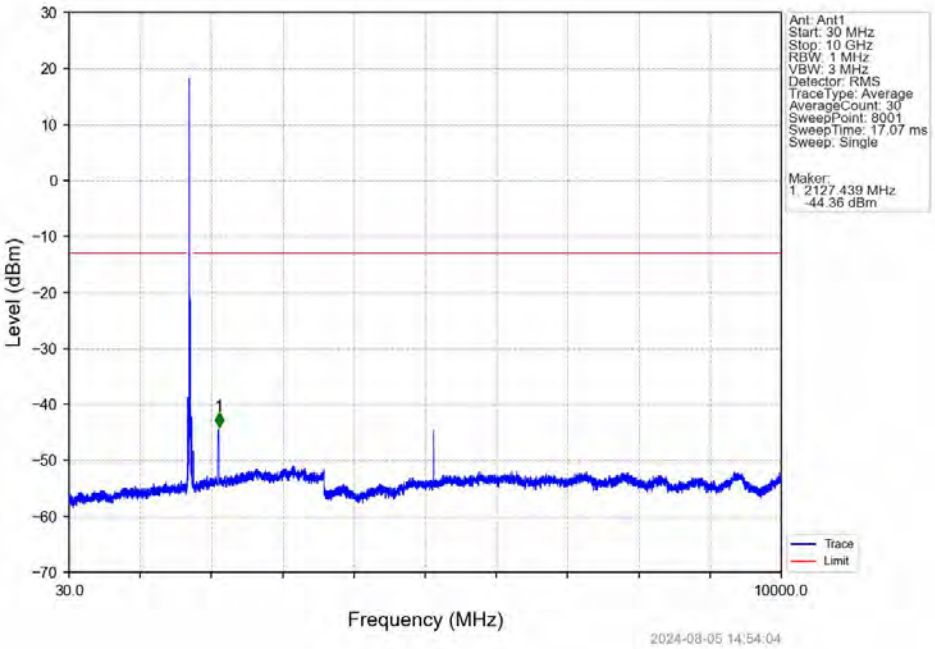
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.040	-34.21	-13	Pass
1756	1775	1	CHP	2	1756.080	-29.18	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

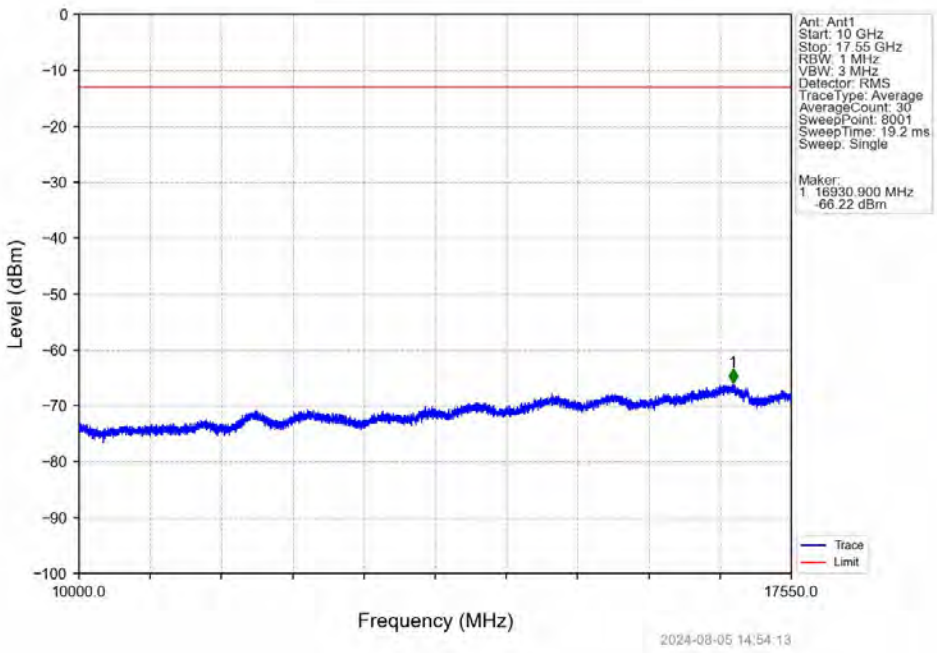


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.220	-36.94	-13	Pass
1709	1710	0.003	/	2	1709.995	-44.17	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

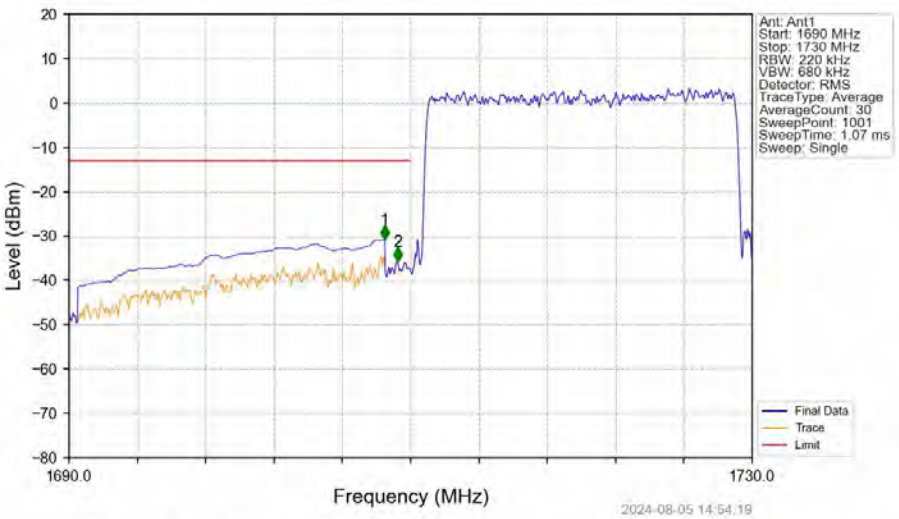
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

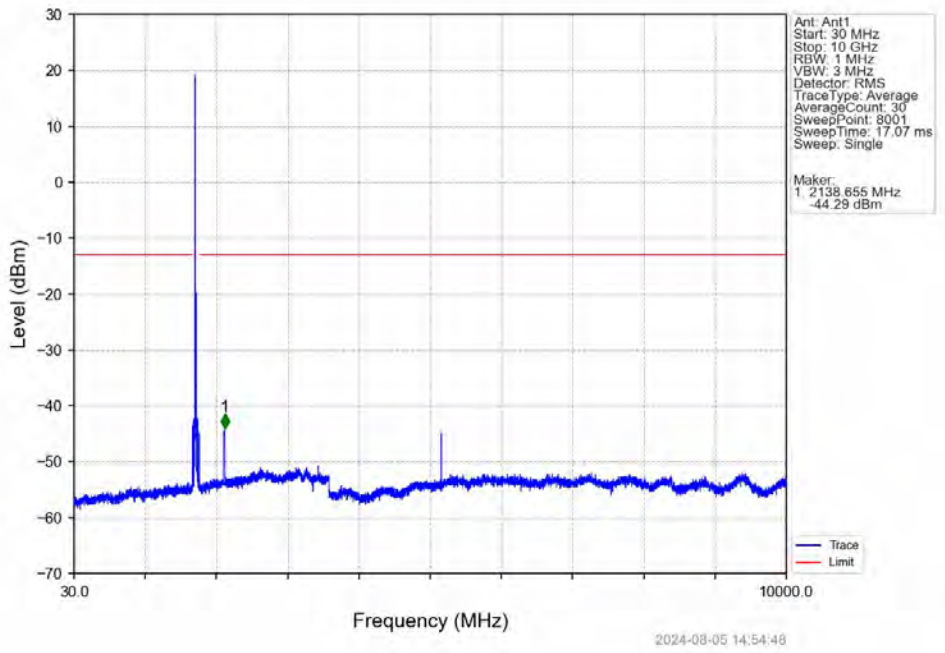


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

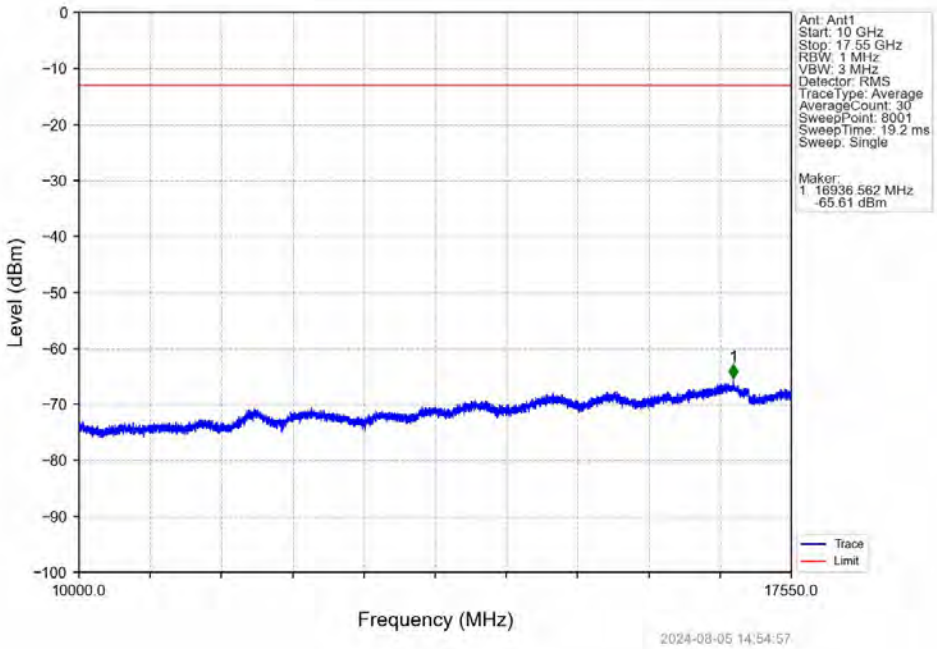


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-30.84	-13	Pass
1709	1710	0.22	/	2	1709.240	-35.73	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

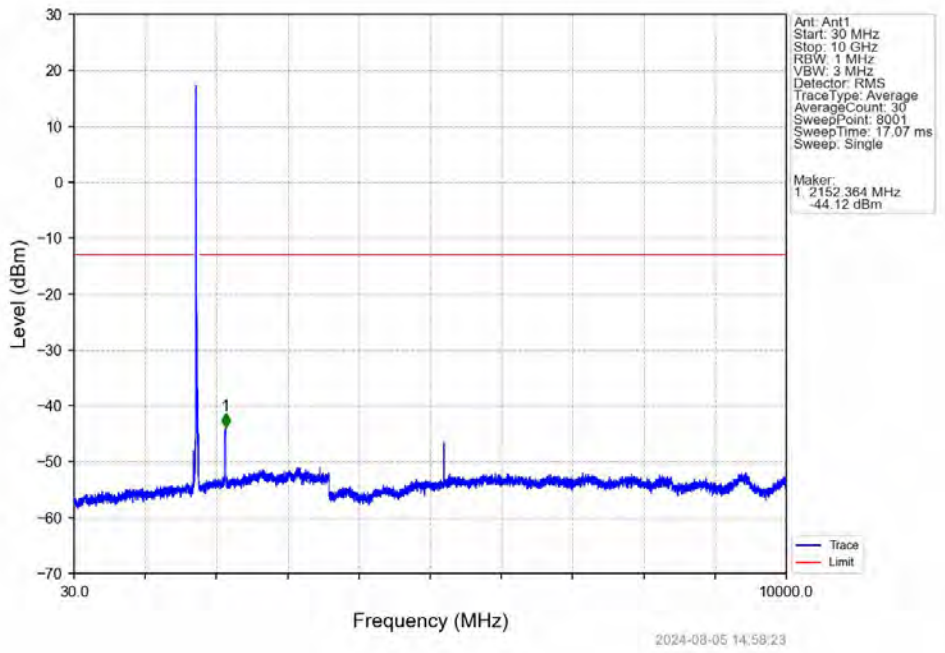
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



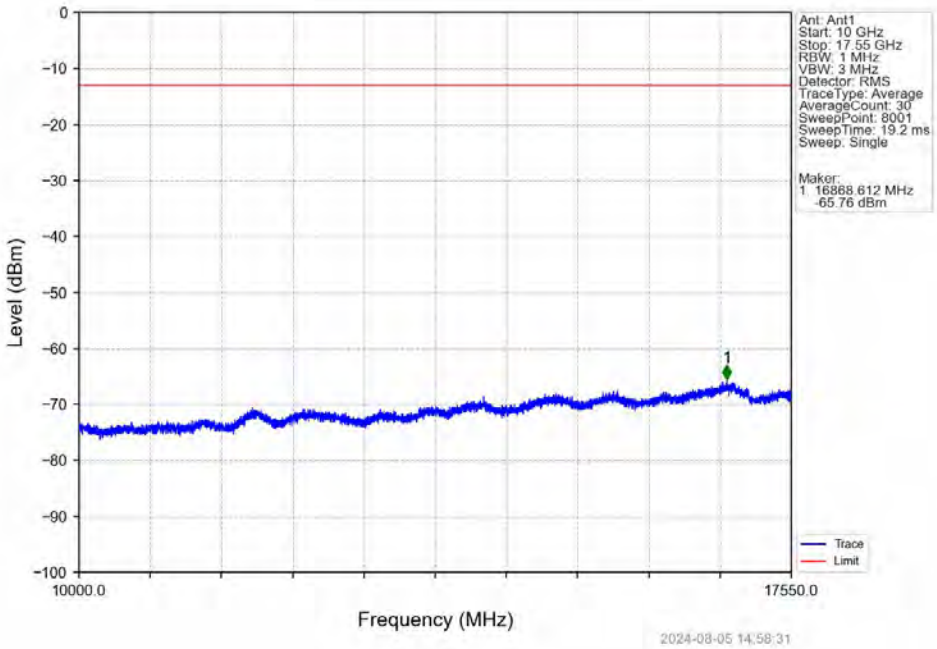
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



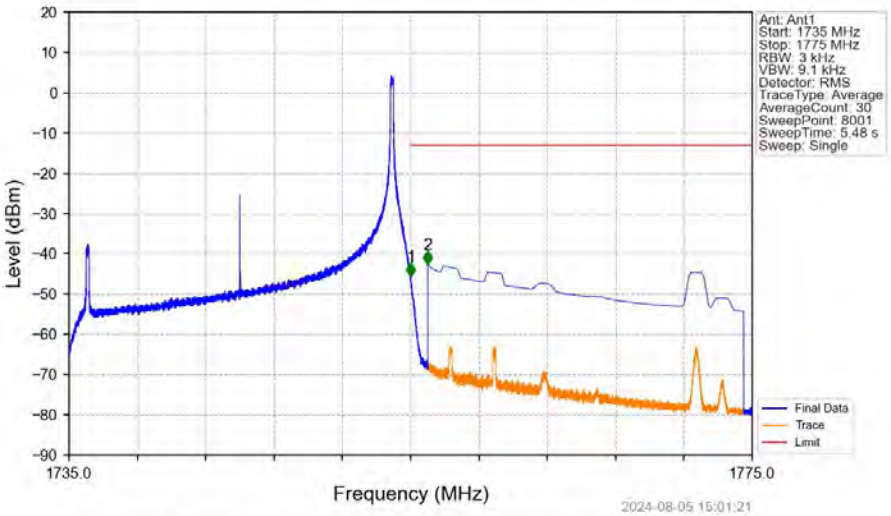
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

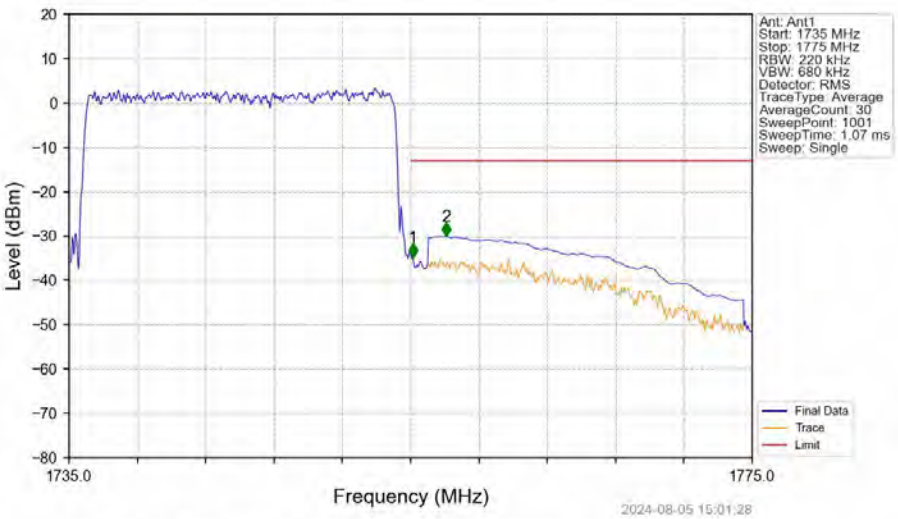


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



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	-45.60	-13	Pass
1756	1775	1	CHP	2	1756.005	-42.61	-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	1755.120	-34.78	-13	Pass
1756	1775	1	CHP	2	1757.080	-30.07	-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	0.1496	0.0212	ppm	1M12G7D	27L	21.75
4	1.4	1710.7	1754.3	0.1419	0.0251	ppm	1M12W7D	27L	21.52
4	3	1711.5	1753.5	0.1449	0.0240	ppm	2M76G7D	27L	21.61
4	3	1711.5	1753.5	0.1545	0.0194	ppm	2M78W7D	27L	21.89
4	5	1712.5	1752.5	0.1387	0.0223	ppm	4M57G7D	27L	21.42
4	5	1712.5	1752.5	0.1312	0.0261	ppm	4M58W7D	27L	21.18
4	10	1715	1750	0.1514	0.0279	ppm	9M09G7D	27L	21.80
4	10	1715	1750	0.1288	0.0192	ppm	9M10W7D	27L	21.10
4	15	1717.5	1747.5	0.1462	0.0217	ppm	13M6G7D	27L	21.65
4	15	1717.5	1747.5	0.1489	0.0146	ppm	13M7W7D	27L	21.73
4	20	1720	1745	0.1455	0.0197	ppm	18M2G7D	27L	21.63
4	20	1720	1745	0.1489	0.0134	ppm	18M2W7D	27L	21.73

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	0.1746	0.0212	ppm	1M12G7D	27L	22.42
4	1.4	1710.7	1754.3	0.1656	0.0251	ppm	1M12W7D	27L	22.19
4	3	1711.5	1753.5	0.1690	0.0240	ppm	2M76G7D	27L	22.28
4	3	1711.5	1753.5	0.1803	0.0194	ppm	2M78W7D	27L	22.56
4	5	1712.5	1752.5	0.1618	0.0223	ppm	4M57G7D	27L	22.09
4	5	1712.5	1752.5	0.1531	0.0261	ppm	4M58W7D	27L	21.85
4	10	1715	1750	0.1766	0.0279	ppm	9M09G7D	27L	22.47
4	10	1715	1750	0.1503	0.0192	ppm	9M10W7D	27L	21.77
4	15	1717.5	1747.5	0.1706	0.0217	ppm	13M6G7D	27L	22.32
4	15	1717.5	1747.5	0.1738	0.0146	ppm	13M7W7D	27L	22.40
4	20	1720	1745	0.1698	0.0197	ppm	18M2G7D	27L	22.30
4	20	1720	1745	0.1738	0.0134	ppm	18M2W7D	27L	22.40