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	21.15	0.64	21.79	<=30	Pass
			2	21.23	0.64	21.87	<=30	Pass
			5	21.10	0.64	21.74	<=30	Pass
		3	0	21.27	0.64	21.91	<=30	Pass
			2	21.24	0.64	21.88	<=30	Pass
			3	21.18	0.64	21.82	<=30	Pass
		6	0	20.23	0.64	20.87	<=30	Pass
	1732.5	1	0	21.13	0.64	21.77	<=30	Pass
			2	21.20	0.64	21.84	<=30	Pass
			5	21.06	0.64	21.70	<=30	Pass
		3	0	21.27	0.64	21.91	<=30	Pass
			2	21.30	0.64	21.94	<=30	Pass
			3	21.23	0.64	21.87	<=30	Pass
		6	0	20.25	0.64	20.89	<=30	Pass
	1754.3	1	0	21.10	0.64	21.74	<=30	Pass
			2	21.23	0.64	21.87	<=30	Pass
			5	21.08	0.64	21.72	<=30	Pass
		3	0	21.16	0.64	21.80	<=30	Pass
			2	21.20	0.64	21.84	<=30	Pass
			3	21.20	0.64	21.84	<=30	Pass
		6	0	20.21	0.64	20.85	<=30	Pass
16QAM	1710.7	1	0	20.35	0.64	20.99	<=30	Pass
			2	20.49	0.64	21.13	<=30	Pass
			5	20.35	0.64	20.99	<=30	Pass
		3	0	20.27	0.64	20.91	<=30	Pass
			2	20.29	0.64	20.93	<=30	Pass
			3	20.34	0.64	20.98	<=30	Pass
		6	0	19.22	0.64	19.86	<=30	Pass
	1732.5	1	0	20.24	0.64	20.88	<=30	Pass
			2	20.32	0.64	20.96	<=30	Pass
			5	20.19	0.64	20.83	<=30	Pass
		3	0	20.56	0.64	21.20	<=30	Pass
			2	20.58	0.64	21.22	<=30	Pass
			3	20.57	0.64	21.21	<=30	Pass
		6	0	19.30	0.64	19.94	<=30	Pass
	1754.3	1	0	20.17	0.64	20.81	<=30	Pass
			2	20.32	0.64	20.96	<=30	Pass
			5	20.21	0.64	20.85	<=30	Pass
		3	0	20.31	0.64	20.95	<=30	Pass
			2	20.30	0.64	20.94	<=30	Pass
			3	20.30	0.64	20.94	<=30	Pass
		6	0	19.16	0.64	19.80	<=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	21.28	0.64	21.92	<=30	Pass
			7	21.40	0.64	22.04	<=30	Pass
			14	21.27	0.64	21.91	<=30	Pass
		8	0	20.28	0.64	20.92	<=30	Pass
			4	20.34	0.64	20.98	<=30	Pass
			7	20.27	0.64	20.91	<=30	Pass
		15	0	20.26	0.64	20.90	<=30	Pass
	1732.5	1	0	21.25	0.64	21.89	<=30	Pass
			7	21.39	0.64	22.03	<=30	Pass
			14	21.22	0.64	21.86	<=30	Pass
		8	0	20.33	0.64	20.97	<=30	Pass
			4	20.33	0.64	20.97	<=30	Pass
			7	20.29	0.64	20.93	<=30	Pass
		15	0	20.33	0.64	20.97	<=30	Pass
	1753.5	1	0	21.23	0.64	21.87	<=30	Pass
			7	21.32	0.64	21.96	<=30	Pass
			14	21.18	0.64	21.82	<=30	Pass
		8	0	20.30	0.64	20.94	<=30	Pass
			4	20.32	0.64	20.96	<=30	Pass
			7	20.27	0.64	20.91	<=30	Pass
		15	0	20.29	0.64	20.93	<=30	Pass
16QAM	1711.5	1	0	20.35	0.64	20.99	<=30	Pass
			7	20.47	0.64	21.11	<=30	Pass
			14	20.30	0.64	20.94	<=30	Pass
		8	0	19.37	0.64	20.01	<=30	Pass
			4	19.39	0.64	20.03	<=30	Pass
			7	19.38	0.64	20.02	<=30	Pass
		15	0	19.35	0.64	19.99	<=30	Pass
	1732.5	1	0	20.52	0.64	21.16	<=30	Pass
			7	20.66	0.64	21.30	<=30	Pass
			14	20.53	0.64	21.17	<=30	Pass
		8	0	19.35	0.64	19.99	<=30	Pass
			4	19.39	0.64	20.03	<=30	Pass
			7	19.32	0.64	19.96	<=30	Pass
		15	0	19.34	0.64	19.98	<=30	Pass
	1753.5	1	0	20.81	0.64	21.45	<=30	Pass
			7	20.97	0.64	21.61	<=30	Pass
			14	20.75	0.64	21.39	<=30	Pass
		8	0	19.47	0.64	20.11	<=30	Pass
			4	19.51	0.64	20.15	<=30	Pass
			7	19.43	0.64	20.07	<=30	Pass
		15	0	19.38	0.64	20.02	<=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	21.05	0.64	21.69	<=30	Pass
			13	21.19	0.64	21.83	<=30	Pass
			24	21.08	0.64	21.72	<=30	Pass
		12	0	20.13	0.64	20.77	<=30	Pass
			6	20.22	0.64	20.86	<=30	Pass
			13	20.18	0.64	20.82	<=30	Pass

		25	0	20.14	0.64	20.78	<=30	Pass
	1732.5	1	0	21.05	0.64	21.69	<=30	Pass
			13	21.19	0.64	21.83	<=30	Pass
			24	21.04	0.64	21.68	<=30	Pass
		12	0	20.18	0.64	20.82	<=30	Pass
			6	20.27	0.64	20.91	<=30	Pass
			13	20.19	0.64	20.83	<=30	Pass
		25	0	20.23	0.64	20.87	<=30	Pass
	1752.5	1	0	21.01	0.64	21.65	<=30	Pass
			13	21.14	0.64	21.78	<=30	Pass
			24	20.96	0.64	21.60	<=30	Pass
		12	0	20.18	0.64	20.82	<=30	Pass
			6	20.21	0.64	20.85	<=30	Pass
			13	20.16	0.64	20.80	<=30	Pass
		25	0	20.15	0.64	20.79	<=30	Pass
16QAM	1712.5	1	0	20.17	0.64	20.81	<=30	Pass
			13	20.36	0.64	21.00	<=30	Pass
			24	20.24	0.64	20.88	<=30	Pass
		12	0	19.12	0.64	19.76	<=30	Pass
			6	19.21	0.64	19.85	<=30	Pass
			13	19.17	0.64	19.81	<=30	Pass
		25	0	19.19	0.64	19.83	<=30	Pass
	1732.5	1	0	20.47	0.64	21.11	<=30	Pass
			13	20.55	0.64	21.19	<=30	Pass
			24	20.40	0.64	21.04	<=30	Pass
		12	0	19.25	0.64	19.89	<=30	Pass
			6	19.33	0.64	19.97	<=30	Pass
			13	19.24	0.64	19.88	<=30	Pass
		25	0	19.25	0.64	19.89	<=30	Pass
	1752.5	1	0	19.94	0.64	20.58	<=30	Pass
			13	20.06	0.64	20.70	<=30	Pass
			24	19.90	0.64	20.54	<=30	Pass
		12	0	19.12	0.64	19.76	<=30	Pass
			6	19.21	0.64	19.85	<=30	Pass
			13	19.16	0.64	19.80	<=30	Pass
		25	0	19.21	0.64	19.85	<=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	21.09	0.64	21.73	<=30	Pass
			25	21.40	0.64	22.04	<=30	Pass
			49	21.14	0.64	21.78	<=30	Pass
		25	0	20.21	0.64	20.85	<=30	Pass
			13	20.31	0.64	20.95	<=30	Pass
			25	20.32	0.64	20.96	<=30	Pass
		50	0	20.29	0.64	20.93	<=30	Pass
	1732.5	1	0	21.09	0.64	21.73	<=30	Pass
			25	21.26	0.64	21.90	<=30	Pass
			49	21.05	0.64	21.69	<=30	Pass
		25	0	20.29	0.64	20.93	<=30	Pass
			13	20.31	0.64	20.95	<=30	Pass
			25	20.31	0.64	20.95	<=30	Pass
		50	0	20.31	0.64	20.95	<=30	Pass

	1750	1	0	21.02	0.64	21.66	<=30	Pass
			25	21.30	0.64	21.94	<=30	Pass
			49	21.01	0.64	21.65	<=30	Pass
		25	0	20.20	0.64	20.84	<=30	Pass
			13	20.26	0.64	20.90	<=30	Pass
			25	20.23	0.64	20.87	<=30	Pass
		50	0	20.23	0.64	20.87	<=30	Pass
16QAM	1715	1	0	20.16	0.64	20.80	<=30	Pass
			25	20.47	0.64	21.11	<=30	Pass
			49	20.23	0.64	20.87	<=30	Pass
		25	0	19.32	0.64	19.96	<=30	Pass
			13	19.44	0.64	20.08	<=30	Pass
			25	19.42	0.64	20.06	<=30	Pass
		50	0	19.33	0.64	19.97	<=30	Pass
	1732.5	1	0	20.38	0.64	21.02	<=30	Pass
			25	20.60	0.64	21.24	<=30	Pass
			49	20.34	0.64	20.98	<=30	Pass
		25	0	19.36	0.64	20.00	<=30	Pass
			13	19.37	0.64	20.01	<=30	Pass
			25	19.36	0.64	20.00	<=30	Pass
		50	0	19.36	0.64	20.00	<=30	Pass
	1750	1	0	20.65	0.64	21.29	<=30	Pass
			25	20.89	0.64	21.53	<=30	Pass
			49	20.61	0.64	21.25	<=30	Pass
		25	0	19.28	0.64	19.92	<=30	Pass
			13	19.31	0.64	19.95	<=30	Pass
			25	19.29	0.64	19.93	<=30	Pass
		50	0	19.24	0.64	19.88	<=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	20.94	0.64	21.58	<=30	Pass
			38	21.19	0.64	21.83	<=30	Pass
			74	20.96	0.64	21.60	<=30	Pass
		36	0	20.14	0.64	20.78	<=30	Pass
			18	20.25	0.64	20.89	<=30	Pass
			39	20.21	0.64	20.85	<=30	Pass
		75	0	20.14	0.64	20.78	<=30	Pass
	1732.5	1	0	20.92	0.64	21.56	<=30	Pass
			38	21.13	0.64	21.77	<=30	Pass
			74	20.93	0.64	21.57	<=30	Pass
		36	0	20.10	0.64	20.74	<=30	Pass
			18	20.20	0.64	20.84	<=30	Pass
			39	20.20	0.64	20.84	<=30	Pass
		75	0	20.17	0.64	20.81	<=30	Pass
	1747.5	1	0	20.89	0.64	21.53	<=30	Pass
			38	21.11	0.64	21.75	<=30	Pass
			74	20.86	0.64	21.50	<=30	Pass
		36	0	20.14	0.64	20.78	<=30	Pass
			18	20.25	0.64	20.89	<=30	Pass
			39	20.19	0.64	20.83	<=30	Pass
		75	0	20.18	0.64	20.82	<=30	Pass
16QAM	1717.5	1	0	20.40	0.64	21.04	<=30	Pass

			38	20.69	0.64	21.33	<=30	Pass
			74	20.50	0.64	21.14	<=30	Pass
		36	0	19.13	0.64	19.77	<=30	Pass
			18	19.26	0.64	19.90	<=30	Pass
			39	19.15	0.64	19.79	<=30	Pass
		75	0	19.14	0.64	19.78	<=30	Pass
	1732.5	1	0	20.15	0.64	20.79	<=30	Pass
			38	20.41	0.64	21.05	<=30	Pass
			74	20.20	0.64	20.84	<=30	Pass
		36	0	19.16	0.64	19.80	<=30	Pass
			18	19.25	0.64	19.89	<=30	Pass
			39	19.22	0.64	19.86	<=30	Pass
		75	0	19.22	0.64	19.86	<=30	Pass
	1747.5	1	0	20.55	0.64	21.19	<=30	Pass
			38	20.71	0.64	21.35	<=30	Pass
			74	20.51	0.64	21.15	<=30	Pass
		36	0	19.16	0.64	19.80	<=30	Pass
			18	19.22	0.64	19.86	<=30	Pass
			39	19.21	0.64	19.85	<=30	Pass
		75	0	19.18	0.64	19.82	<=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	20.78	0.64	21.42	<=30	Pass
			50	21.31	0.64	21.95	<=30	Pass
			99	20.84	0.64	21.48	<=30	Pass
		50	0	20.21	0.64	20.85	<=30	Pass
			25	20.25	0.64	20.89	<=30	Pass
			50	20.17	0.64	20.81	<=30	Pass
		100	0	20.25	0.64	20.89	<=30	Pass
	1732.5	1	0	20.84	0.64	21.48	<=30	Pass
			50	21.29	0.64	21.93	<=30	Pass
			99	20.81	0.64	21.45	<=30	Pass
		50	0	20.22	0.64	20.86	<=30	Pass
			25	20.25	0.64	20.89	<=30	Pass
			50	20.25	0.64	20.89	<=30	Pass
		100	0	20.26	0.64	20.90	<=30	Pass
	1745	1	0	20.81	0.64	21.45	<=30	Pass
			50	21.25	0.64	21.89	<=30	Pass
			99	20.72	0.64	21.36	<=30	Pass
		50	0	20.13	0.64	20.77	<=30	Pass
			25	20.18	0.64	20.82	<=30	Pass
			50	20.18	0.64	20.82	<=30	Pass
		100	0	20.16	0.64	20.80	<=30	Pass
16QAM	1720	1	0	20.39	0.64	21.03	<=30	Pass
			50	20.93	0.64	21.57	<=30	Pass
			99	20.51	0.64	21.15	<=30	Pass
		50	0	19.26	0.64	19.90	<=30	Pass
			25	19.31	0.64	19.95	<=30	Pass
			50	19.23	0.64	19.87	<=30	Pass
		100	0	19.28	0.64	19.92	<=30	Pass
	1732.5	1	0	20.12	0.64	20.76	<=30	Pass
			50	20.62	0.64	21.26	<=30	Pass

			99	20.06	0.64	20.70	<=30	Pass
		50	0	19.27	0.64	19.91	<=30	Pass
			25	19.28	0.64	19.92	<=30	Pass
			50	19.27	0.64	19.91	<=30	Pass
		100	0	19.26	0.64	19.90	<=30	Pass
	1745	1	0	20.19	0.64	20.83	<=30	Pass
			50	20.60	0.64	21.24	<=30	Pass
			99	20.08	0.64	20.72	<=30	Pass
		50	0	19.14	0.64	19.78	<=30	Pass
			25	19.20	0.64	19.84	<=30	Pass
			50	19.17	0.64	19.81	<=30	Pass
		100	0	19.20	0.64	19.84	<=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	-7.482	-0.0044	-2.5 to 2.5	Pass
					3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
					4.43	2.103	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0069	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				30	3.85	-6.423	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-10.600	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0046	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.572	-0.0003	-2.5 to 2.5	Pass
					3.85	-12.488	-0.0072	-2.5 to 2.5	Pass
					4.43	4.234	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.526	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				0	3.85	7.010	0.0040	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-12.846	-0.0074	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0008	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.103	-0.0012	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0055	-2.5 to 2.5	Pass
					4.43	-11.330	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-11.659	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-11.787	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-10.843	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-10.986	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-7.582	-0.0043	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-9.770	-0.0057	-2.5 to 2.5	Pass
					3.85	3.290	0.0019	-2.5 to 2.5	Pass
					4.43	1.431	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-10.958	-0.0064	-2.5 to 2.5	Pass
				50	3.85	3.548	0.0021	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-15.965	-0.0092	-2.5 to 2.5	Pass
					3.85	4.435	0.0026	-2.5 to 2.5	Pass
					4.43	-0.544	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-13.890	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-11.845	-0.0068	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-13.146	-0.0075	-2.5 to 2.5	Pass
					3.85	-11.673	-0.0067	-2.5 to 2.5	Pass
					4.43	3.376	0.0019	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-11.745	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0040	-2.5 to 2.5	Pass
				10	3.85	5.651	0.0032	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				50	3.85	3.176	0.0018	-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	-2.646	-0.0015	-2.5 to 2.5	Pass
					3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
					4.43	-5.522	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-17.509	-0.0102	-2.5 to 2.5	Pass
				-10	3.85	-14.362	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-11.573	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-8.698	-0.0051	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.85	-10.414	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0007	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-7.167	-0.0041	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
					4.43	-6.280	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-12.918	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-3.734	-0.0022	-2.5 to 2.5	Pass

				10	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-13.633	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-3.405	-0.0019	-2.5 to 2.5	Pass
					3.85	2.475	0.0014	-2.5 to 2.5	Pass
					4.43	-2.089	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-10.400	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	2.847	0.0016	-2.5 to 2.5	Pass
				0	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-8.841	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0047	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-8.612	-0.0050	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
					4.43	-10.686	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-13.576	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-10.386	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-4.821	-0.0028	-2.5 to 2.5	Pass
					3.85	2.103	0.0012	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-12.088	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	3.304	0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.011	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				40	3.85	4.292	0.0025	-2.5 to 2.5	Pass
				50	3.85	-11.301	-0.0065	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-8.740	-0.0050	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-10	3.85	2.246	0.0013	-2.5 to 2.5	Pass
				0	3.85	-7.825	-0.0045	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				50	3.85	-13.661	-0.0078	-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	-5.293	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
					4.43	-7.439	-0.0043	-2.5 to 2.5	Pass

				-30	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-11.730	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.403	-0.0014	-2.5 to 2.5	Pass
					3.85	-10.958	-0.0063	-2.5 to 2.5	Pass
					4.43	-6.995	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-8.969	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-9.785	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-4.764	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
					4.43	-10.157	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-10.929	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-12.789	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-11.687	-0.0067	-2.5 to 2.5	Pass
				40	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-4.907	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.994	-0.0035	-2.5 to 2.5	Pass
					4.43	-8.740	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	7.267	0.0042	-2.5 to 2.5	Pass
				-20	3.85	-11.201	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-2.847	-0.0017	-2.5 to 2.5	Pass
				0	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				30	3.85	3.662	0.0021	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0015	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-11.487	-0.0066	-2.5 to 2.5	Pass
					3.85	-3.920	-0.0023	-2.5 to 2.5	Pass
					4.43	-0.916	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-9.727	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-10.400	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-11.959	-0.0069	-2.5 to 2.5	Pass
				50	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-12.774	-0.0073	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
					4.43	-6.094	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	3.376	0.0019	-2.5 to 2.5	Pass
				-20	3.85	-9.484	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-7.381	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-9.685	-0.0055	-2.5 to 2.5	Pass

				10	3.85	-7.253	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				50	3.85	3.161	0.0018	-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	-5.479	-0.0032	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
					4.43	-6.366	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.038	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.426	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-8.154	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	4.964	0.0029	-2.5 to 2.5	Pass
					3.85	2.618	0.0015	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-5.350	-0.0031	-2.5 to 2.5	Pass
					3.85	-18.396	-0.0105	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.340	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-11.888	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-9.727	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.276	-0.0019	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				0	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				10	3.85	4.649	0.0027	-2.5 to 2.5	Pass
				30	3.85	-7.195	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.329	0.0002	-2.5 to 2.5	Pass
					3.85	-9.813	-0.0057	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0034	-2.5 to 2.5	Pass

				-30	3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				30	3.85	2.546	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.147	0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-4.220	-0.0024	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0045	-2.5 to 2.5	Pass
					4.43	-4.807	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.868	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0030	-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	-3.819	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
					4.43	-9.055	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.645	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.492	-0.0026	-2.5 to 2.5	Pass
					3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.698	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-3.476	-0.0020	-2.5 to 2.5	Pass
					3.85	-9.713	-0.0056	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass

				50	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-2.489	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-6.909	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-5.779	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
					4.43	1.245	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-9.456	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-7.982	-0.0046	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-5.836	-0.0033	-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	-2.689	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-9.727	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-8.268	-0.0048	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-7.138	-0.0041	-2.5 to 2.5	Pass
					3.85	-12.360	-0.0071	-2.5 to 2.5	Pass
					4.43	-11.802	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass

				0	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.933	-0.0017	-2.5 to 2.5	Pass
					3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-7.052	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.195	-0.0042	-2.5 to 2.5	Pass
					3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-4.306	-0.0025	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-13.690	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-11.830	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-8.497	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-13.189	-0.0076	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.578	-0.0026	-2.5 to 2.5	Pass
					3.85	-10.743	-0.0062	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.556	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-7.510	-0.0043	-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

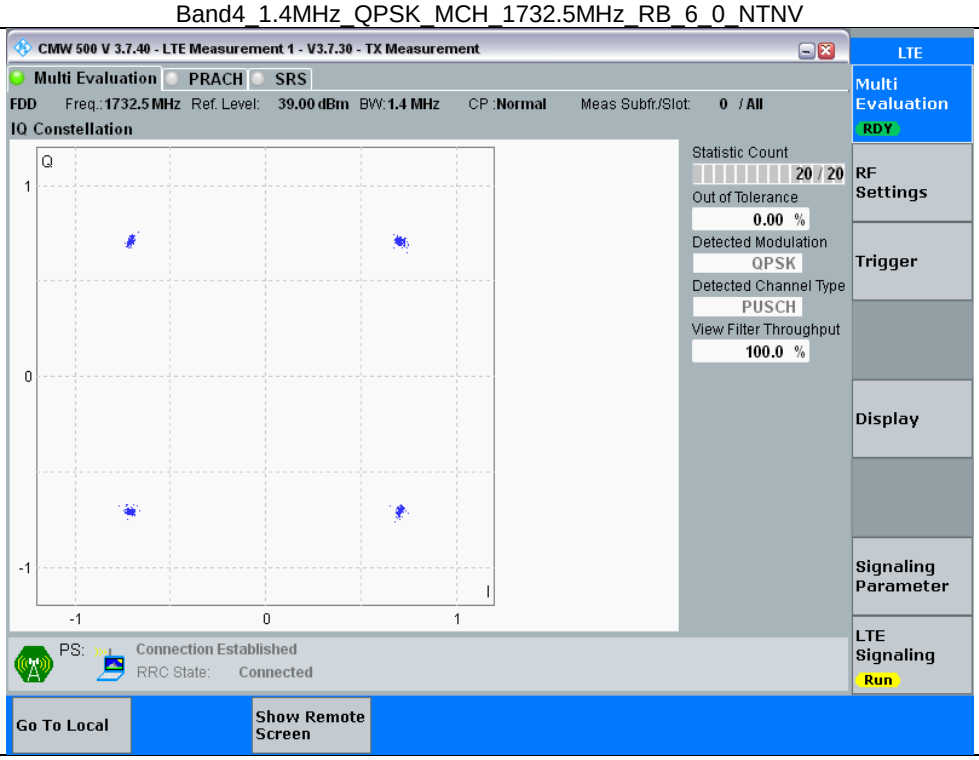
3.1.6 B4_20MHz

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

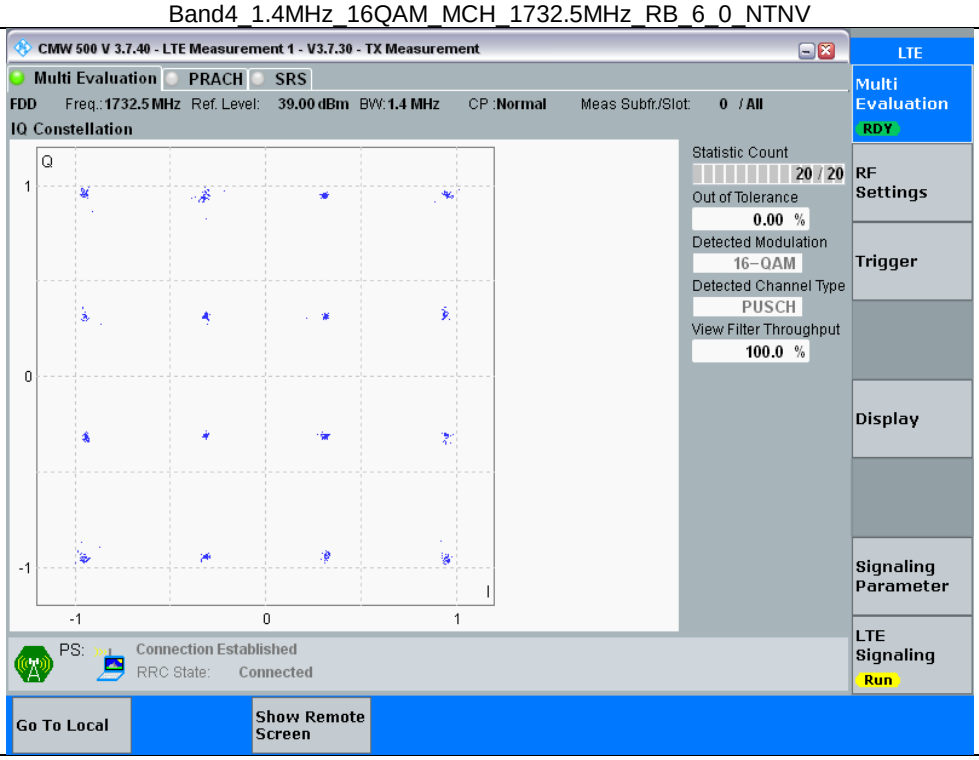
3.2 Test Graph

3.2.1 B4_1.4MHz

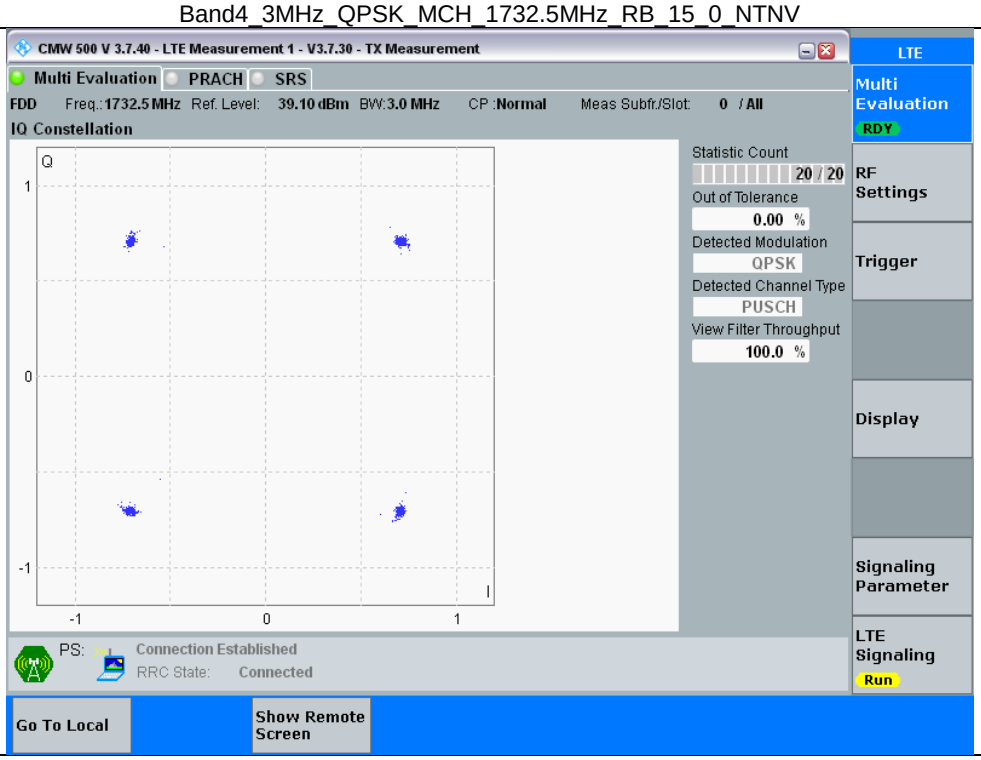
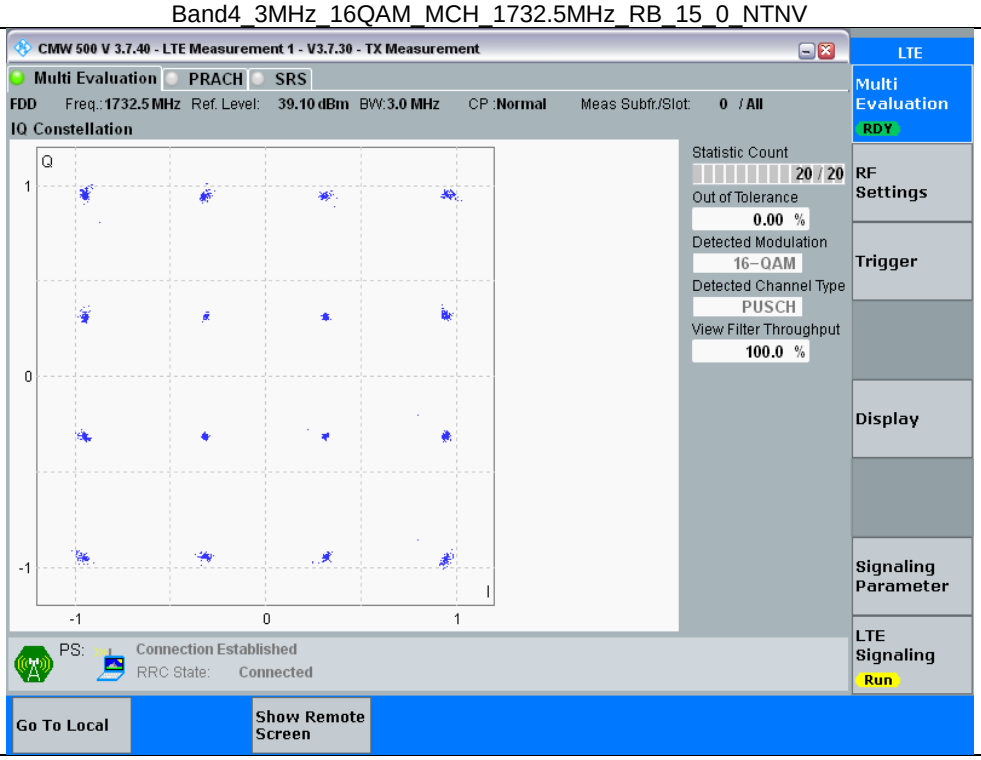
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



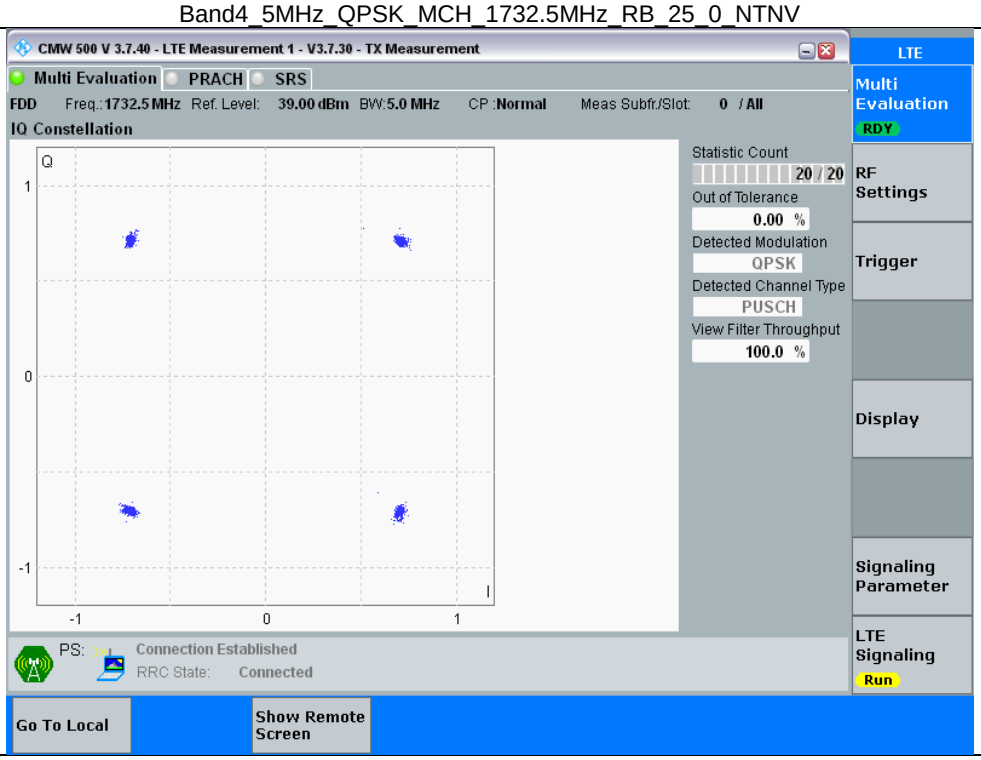
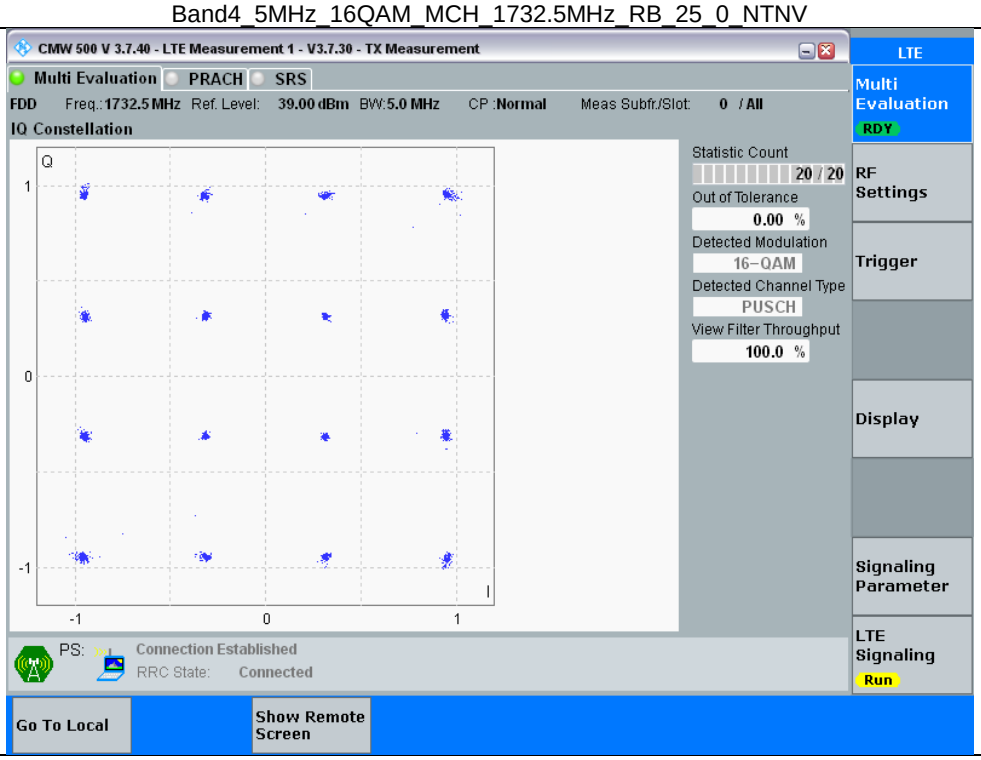
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



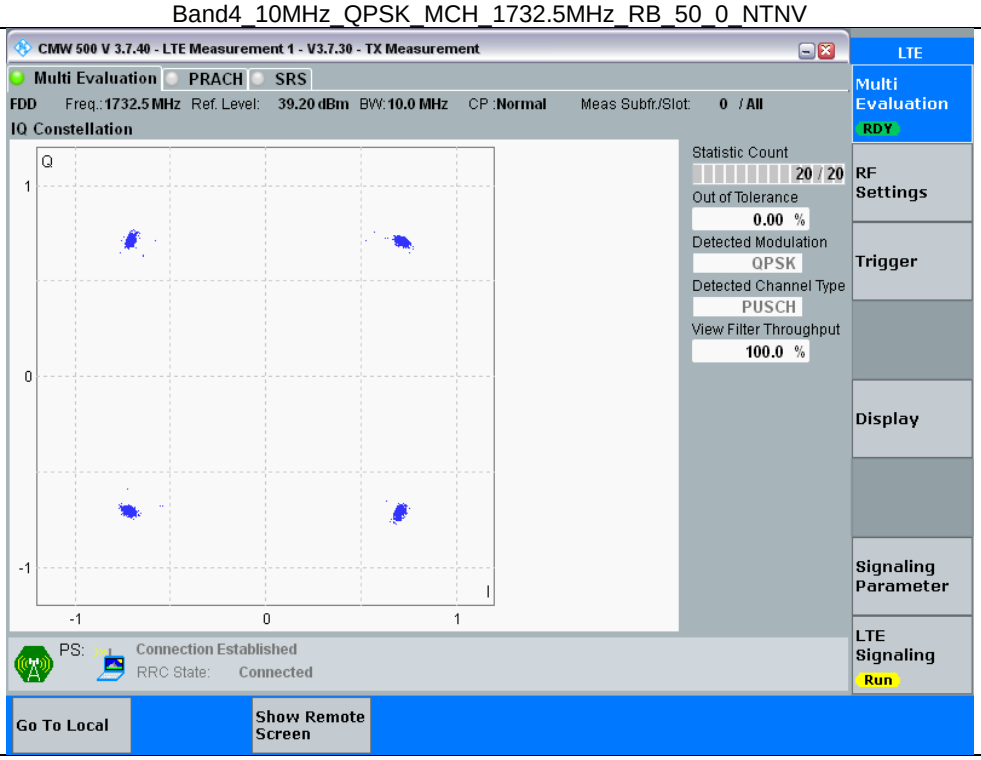
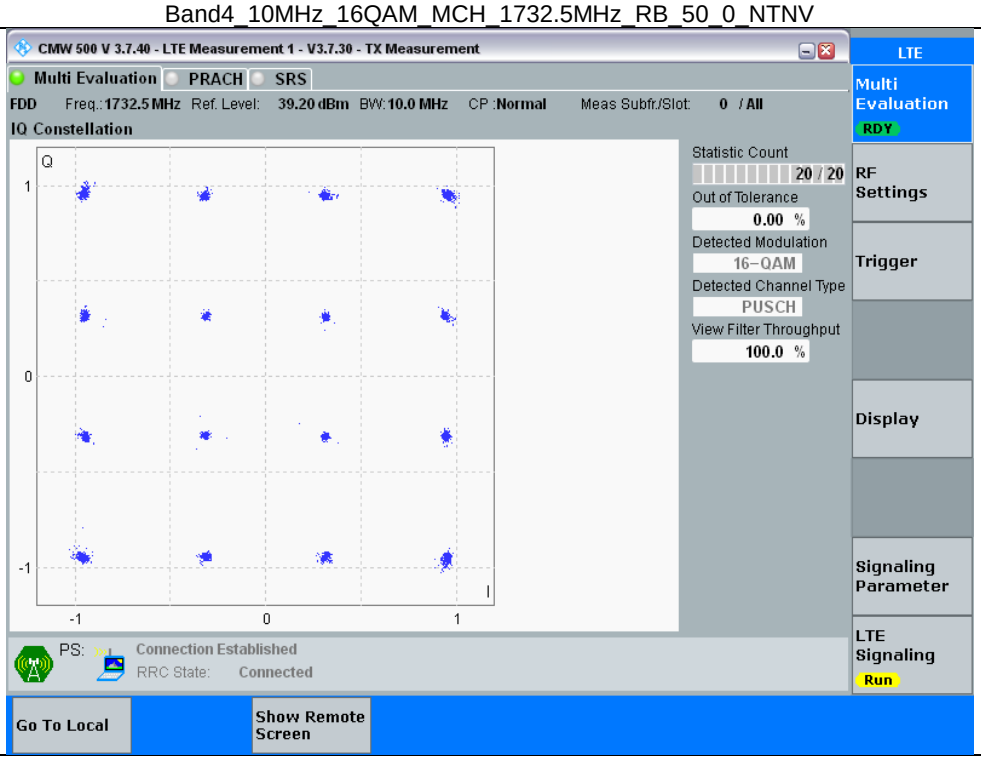
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


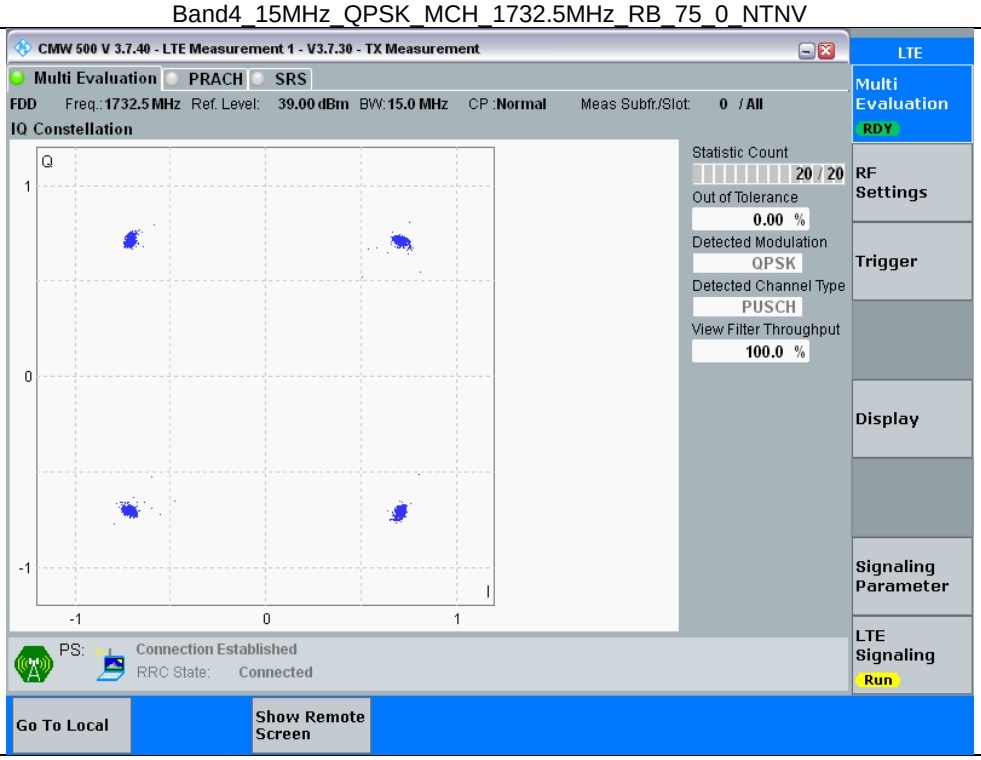
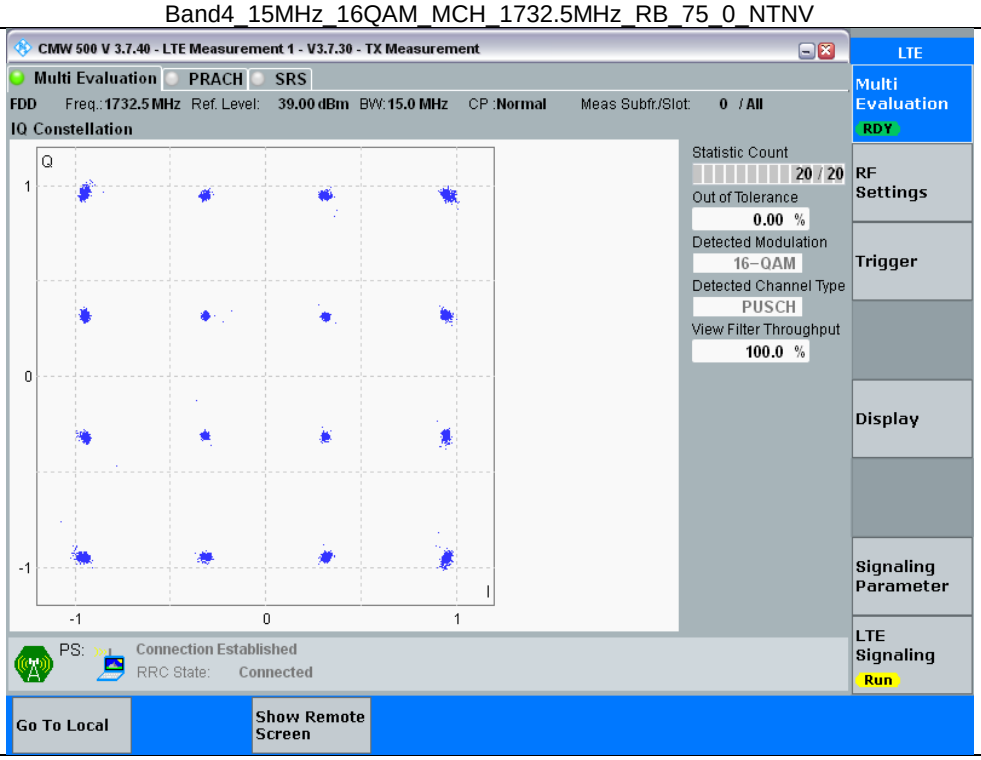
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


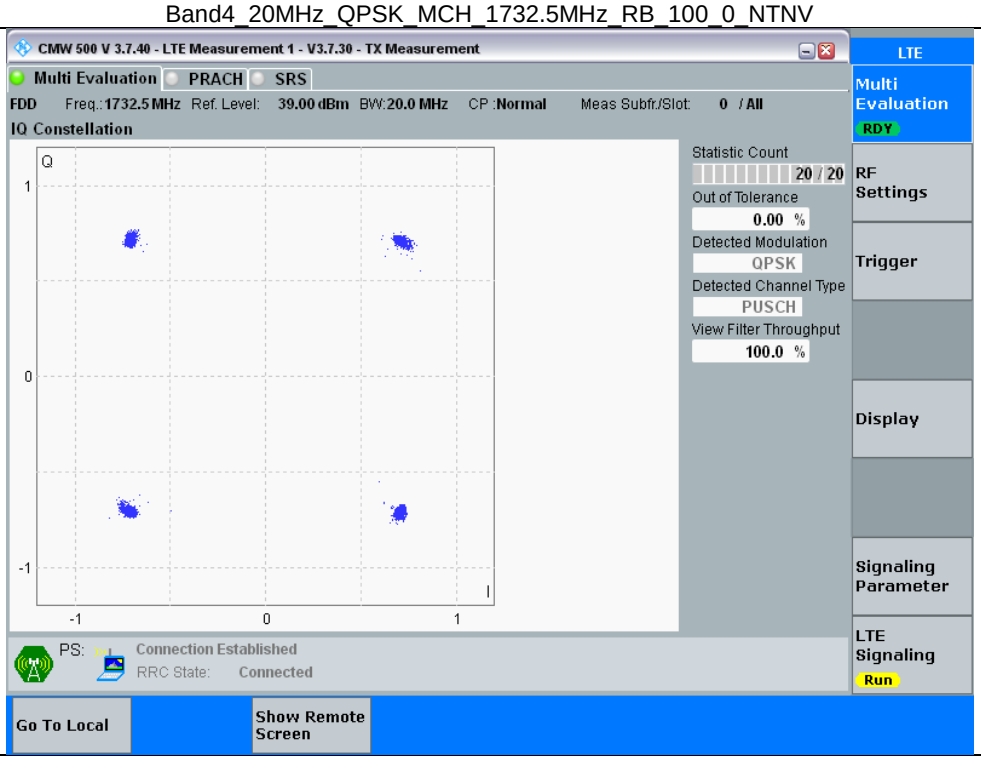
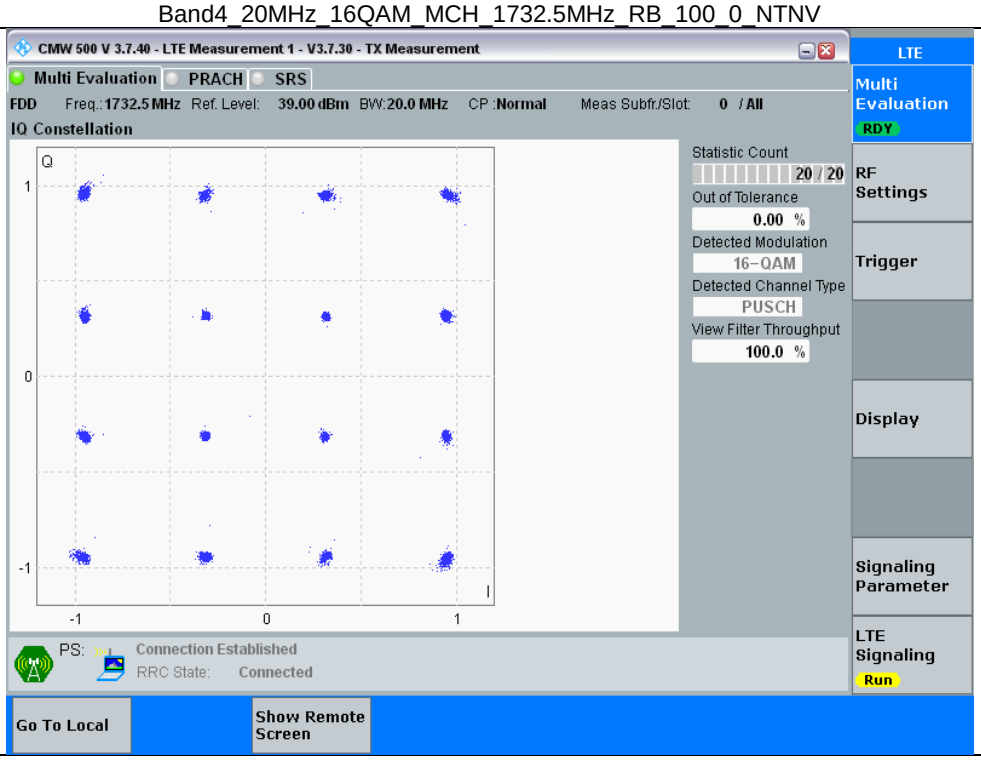
3.2.4 B4_10MHz

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	1.102	/	Pass
		1732.5	6	0	1.107	/	Pass
		1754.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.111	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.736	/	Pass
		1753.5	15	0	2.722	/	Pass
	16QAM	1711.5	15	0	2.722	/	Pass
		1732.5	15	0	2.722	/	Pass
		1753.5	15	0	2.720	/	Pass
5	QPSK	1712.5	25	0	4.544	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.528	/	Pass
		1732.5	25	0	4.550	/	Pass
		1752.5	25	0	4.530	/	Pass
10	QPSK	1715	50	0	9.039	/	Pass
		1732.5	50	0	9.051	/	Pass
		1750	50	0	9.069	/	Pass
	16QAM	1715	50	0	9.042	/	Pass
		1732.5	50	0	9.057	/	Pass
		1750	50	0	9.068	/	Pass
15	QPSK	1717.5	75	0	13.570	/	Pass
		1732.5	75	0	13.562	/	Pass
		1747.5	75	0	13.590	/	Pass
	16QAM	1717.5	75	0	13.586	/	Pass
		1732.5	75	0	13.588	/	Pass
		1747.5	75	0	13.624	/	Pass
20	QPSK	1720	100	0	18.156	/	Pass
		1732.5	100	0	18.091	/	Pass
		1745	100	0	18.120	/	Pass
	16QAM	1720	100	0	18.116	/	Pass
		1732.5	100	0	18.139	/	Pass
		1745	100	0	18.161	/	Pass

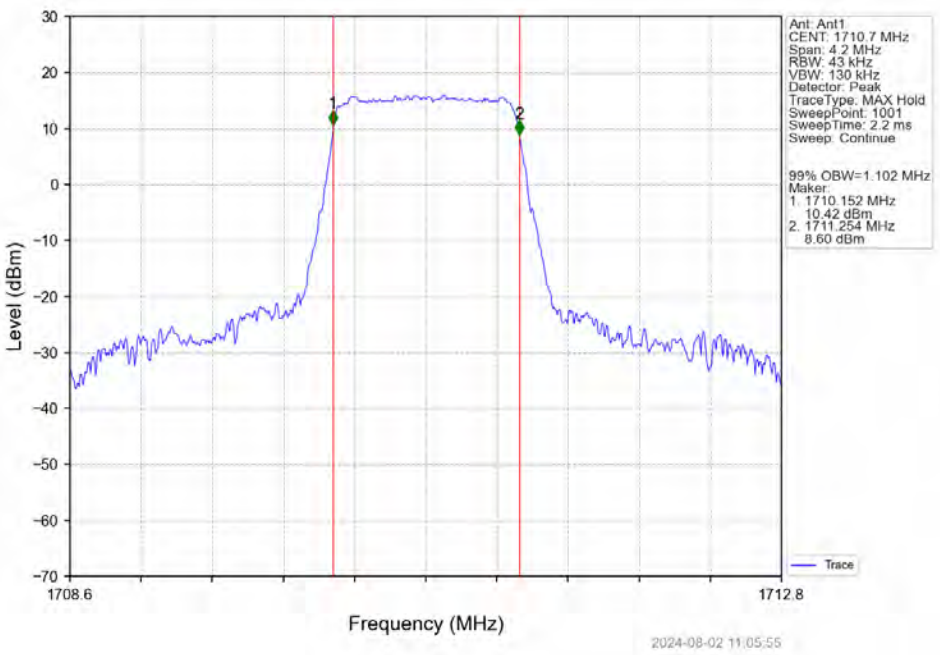
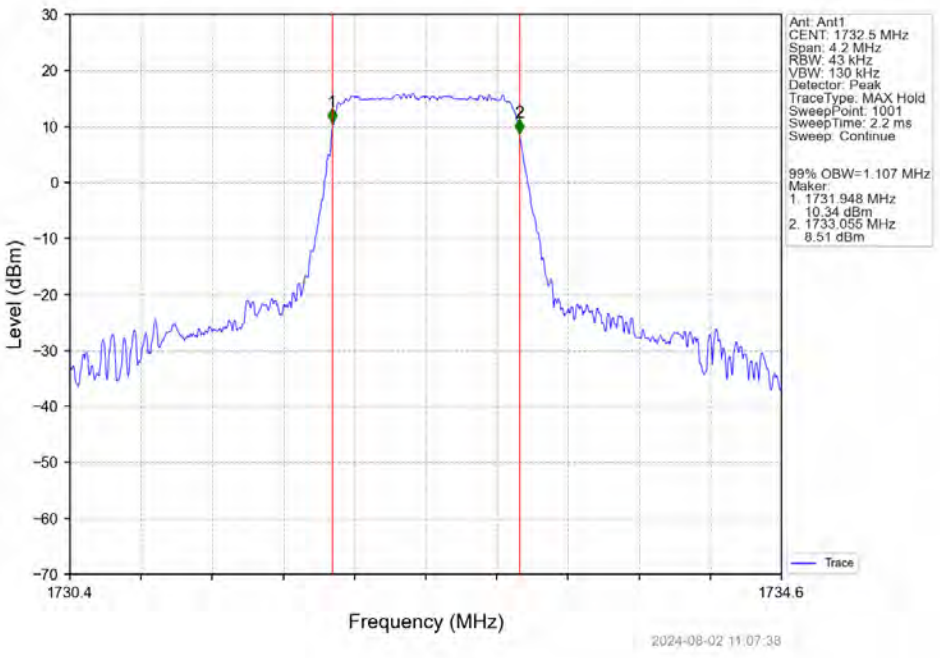
4.1.2 Band4_XDB

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	1.316	/	Pass
		1732.5	6	0	1.323	/	Pass
		1754.3	6	0	1.308	/	Pass

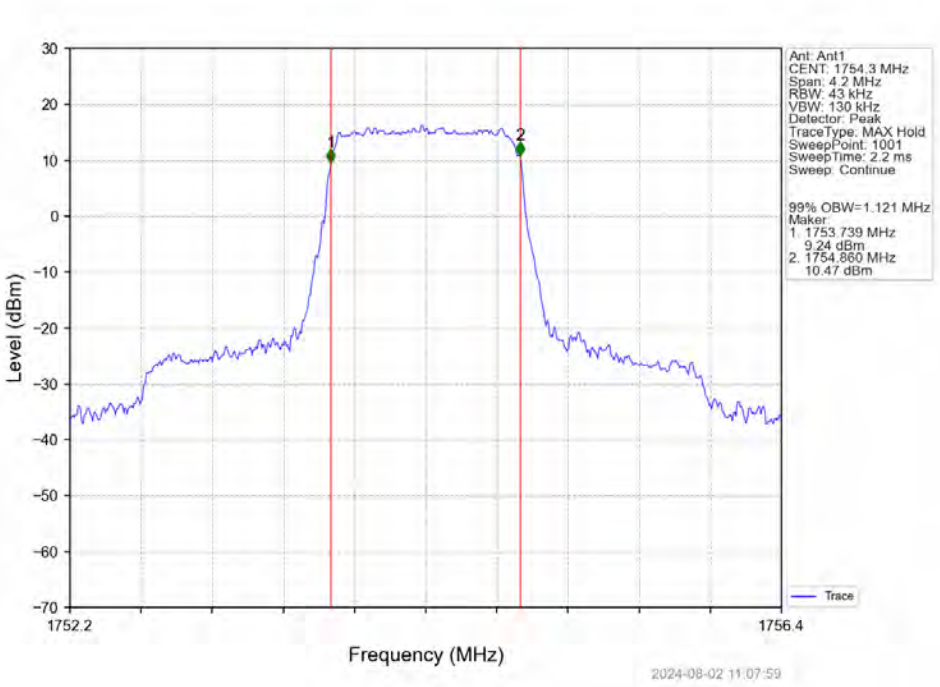
	16QAM	1710.7	6	0	1.321	/	Pass
		1732.5	6	0	1.333	/	Pass
		1754.3	6	0	1.332	/	Pass
3	QPSK	1711.5	15	0	2.990	/	Pass
		1732.5	15	0	2.970	/	Pass
		1753.5	15	0	3.008	/	Pass
	16QAM	1711.5	15	0	3.001	/	Pass
		1732.5	15	0	3.003	/	Pass
		1753.5	15	0	2.978	/	Pass
5	QPSK	1712.5	25	0	4.987	/	Pass
		1732.5	25	0	5.038	/	Pass
		1752.5	25	0	5.013	/	Pass
	16QAM	1712.5	25	0	5.031	/	Pass
		1732.5	25	0	5.060	/	Pass
		1752.5	25	0	4.995	/	Pass
10	QPSK	1715	50	0	9.944	/	Pass
		1732.5	50	0	9.921	/	Pass
		1750	50	0	10.010	/	Pass
	16QAM	1715	50	0	9.937	/	Pass
		1732.5	50	0	9.868	/	Pass
		1750	50	0	9.898	/	Pass
15	QPSK	1717.5	75	0	14.935	/	Pass
		1732.5	75	0	14.993	/	Pass
		1747.5	75	0	14.794	/	Pass
	16QAM	1717.5	75	0	14.972	/	Pass
		1732.5	75	0	14.923	/	Pass
		1747.5	75	0	14.884	/	Pass
20	QPSK	1720	100	0	20.029	/	Pass
		1732.5	100	0	19.752	/	Pass
		1745	100	0	19.623	/	Pass
	16QAM	1720	100	0	19.741	/	Pass
		1732.5	100	0	19.836	/	Pass
		1745	100	0	19.865	/	Pass

4.2 Test Graph

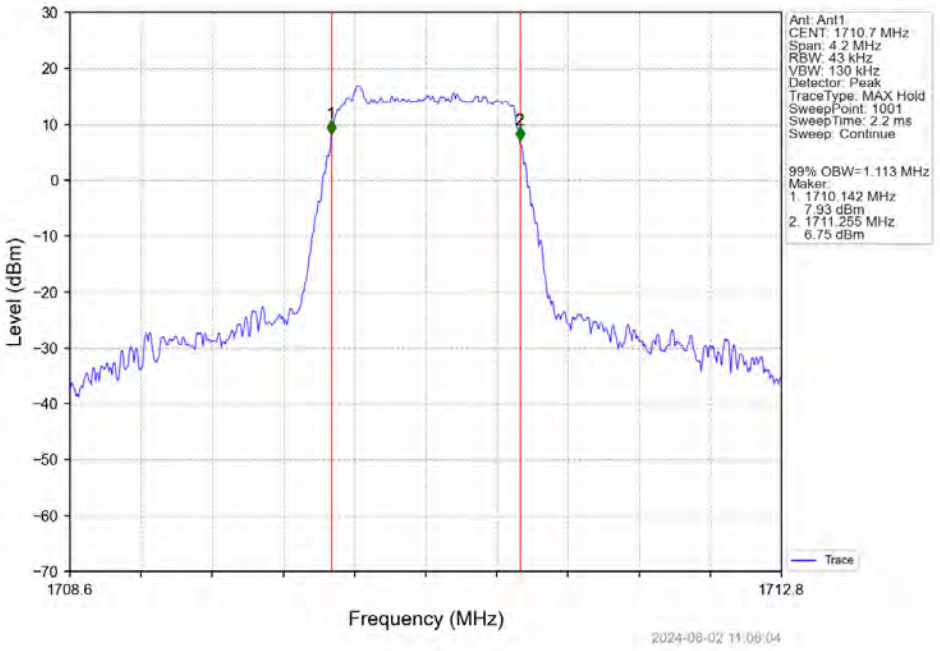
4.2.1 Band4_OBW

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


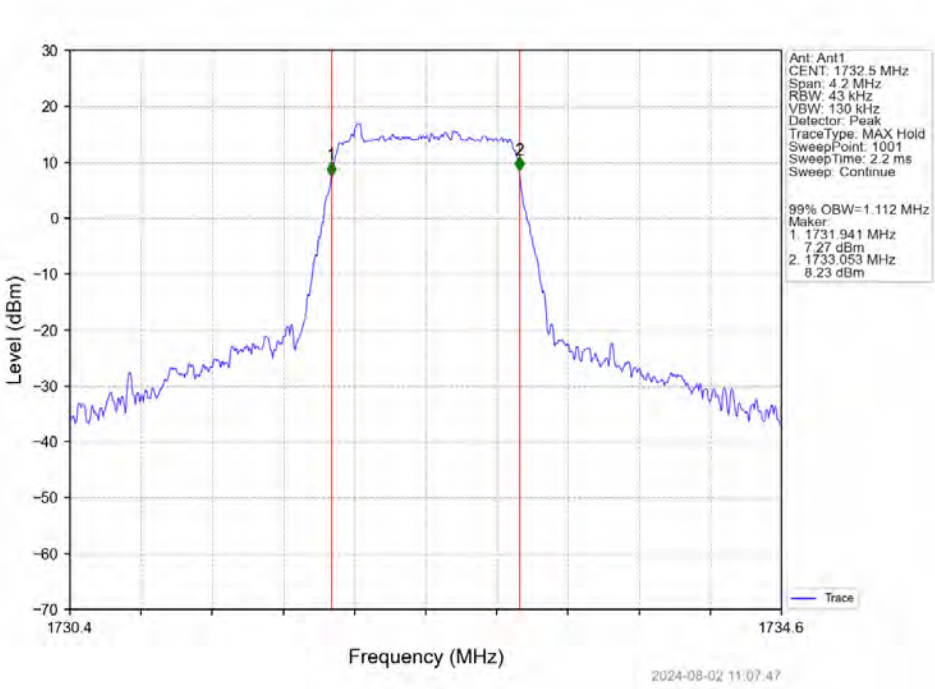
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



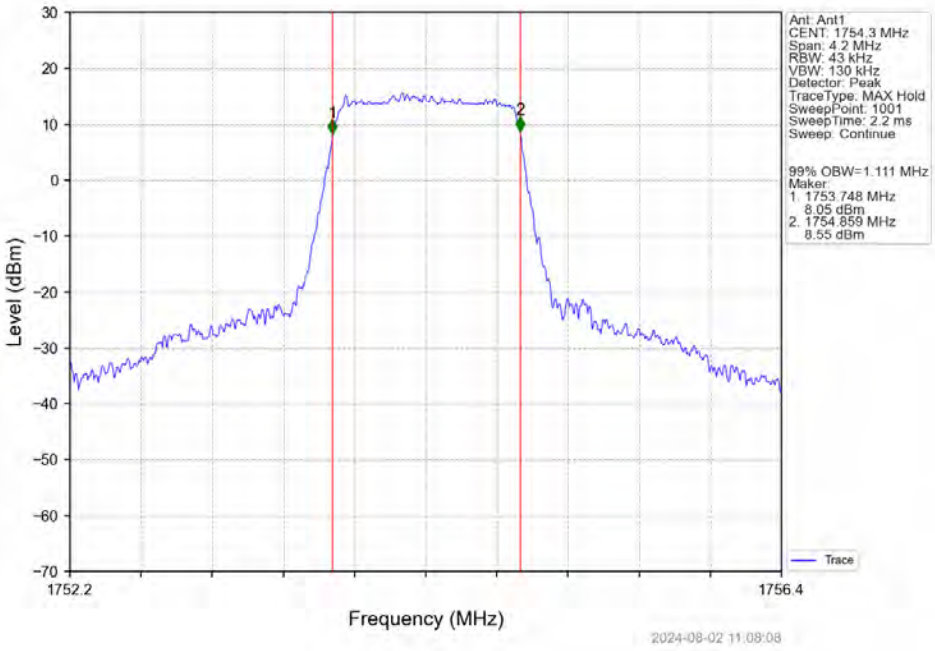
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



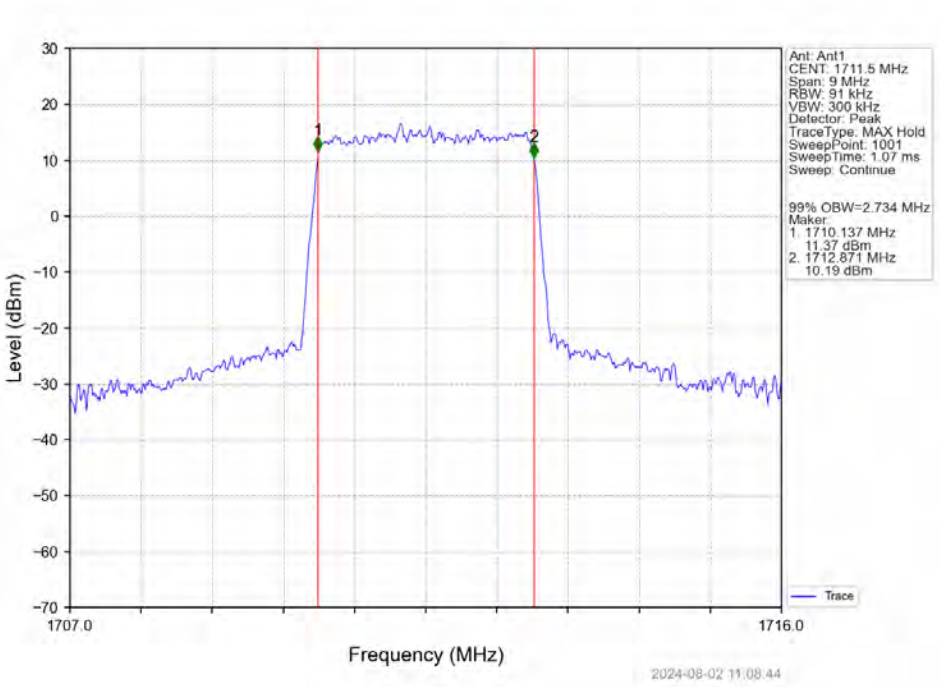
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



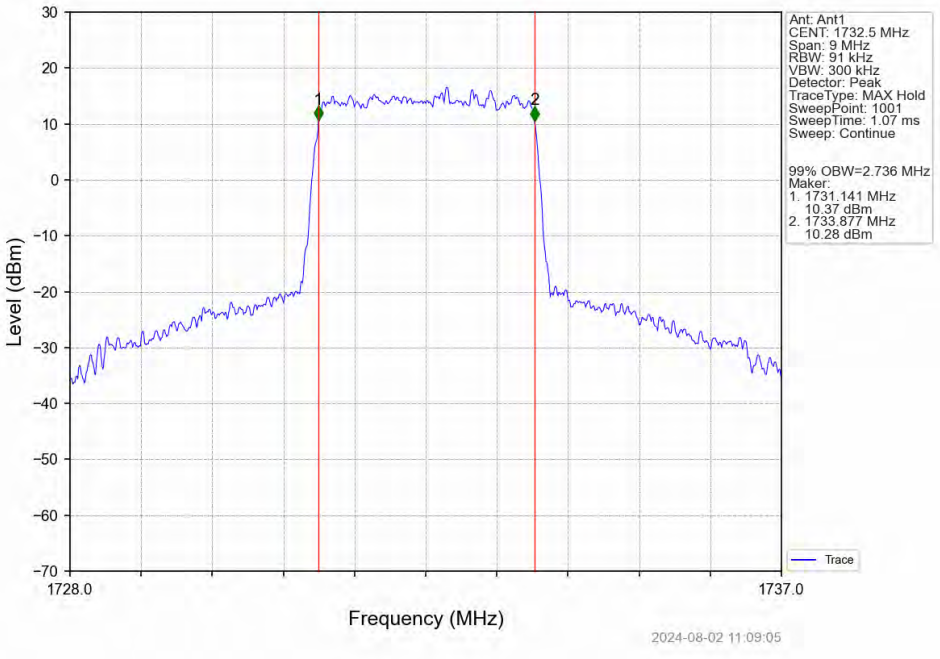
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



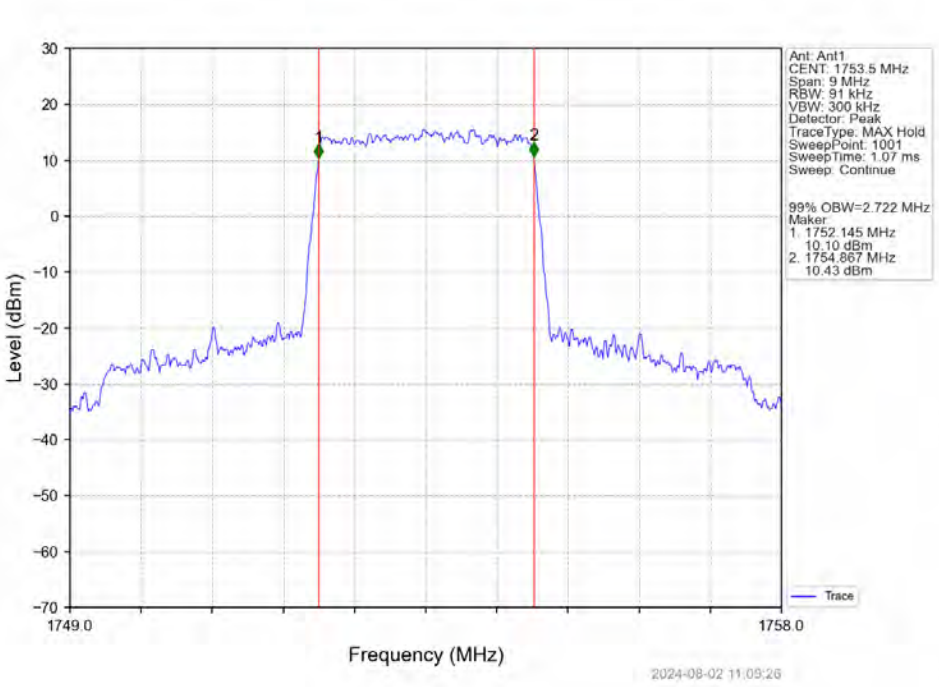
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



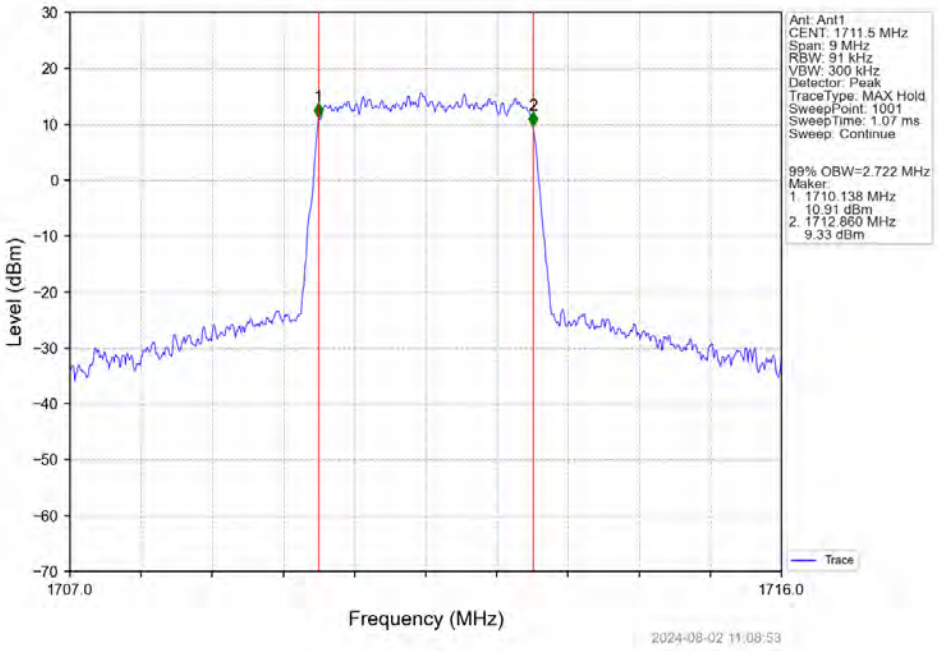
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



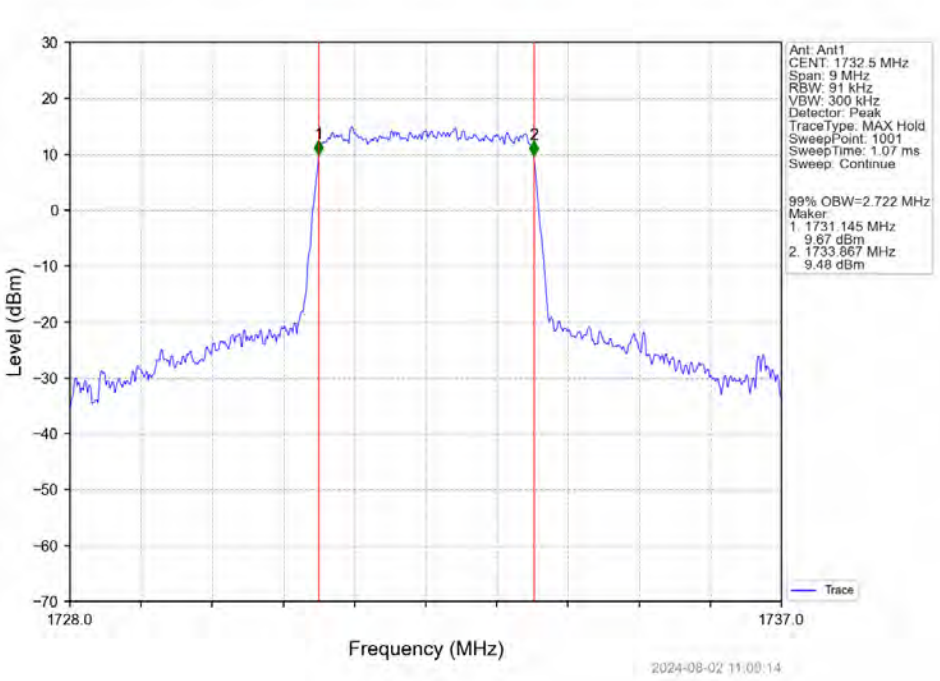
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



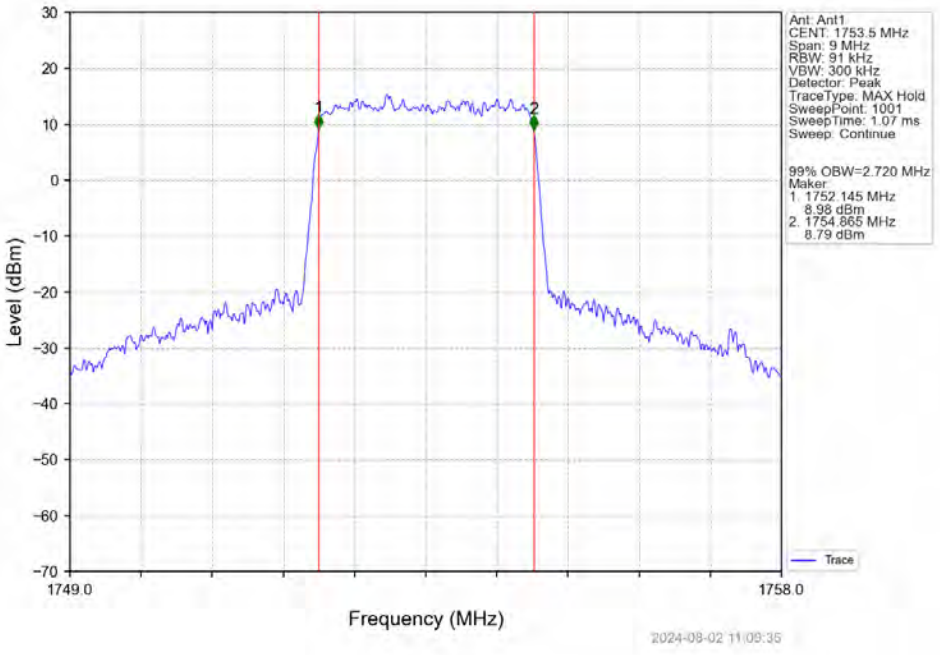
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



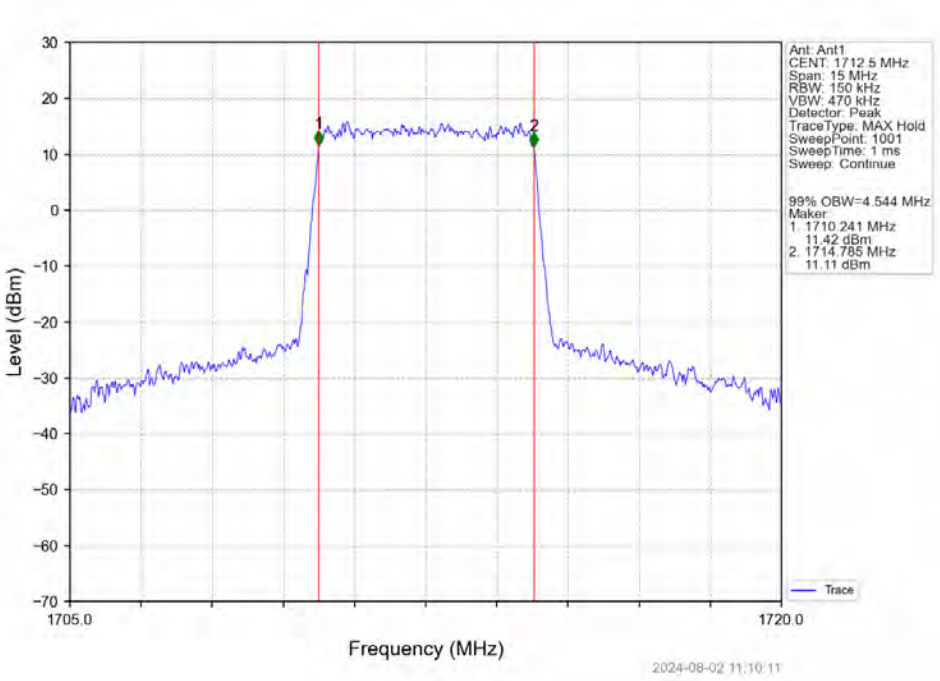
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



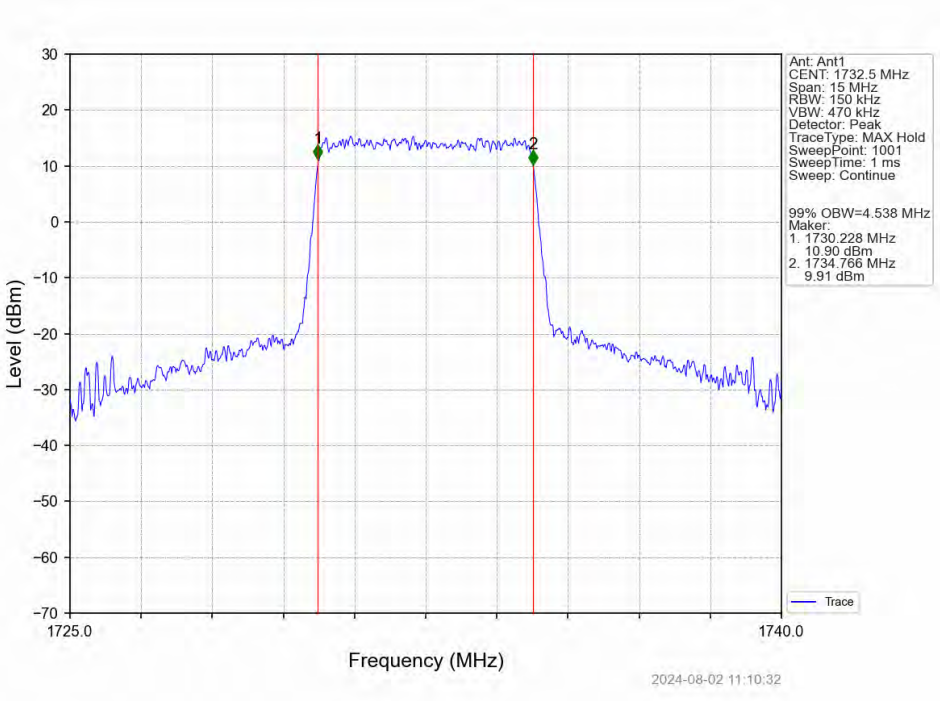
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



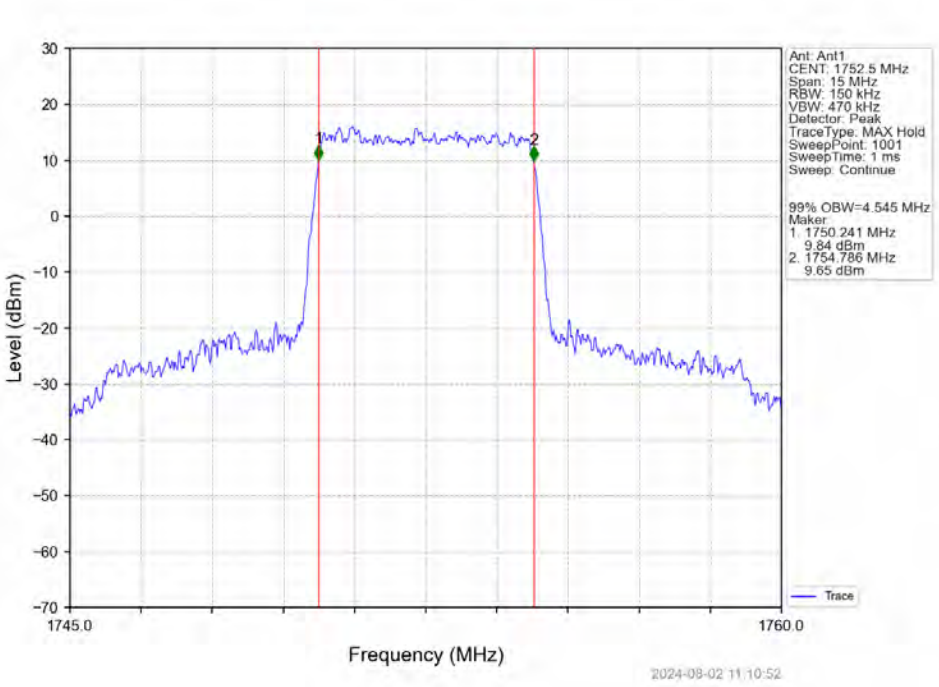
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



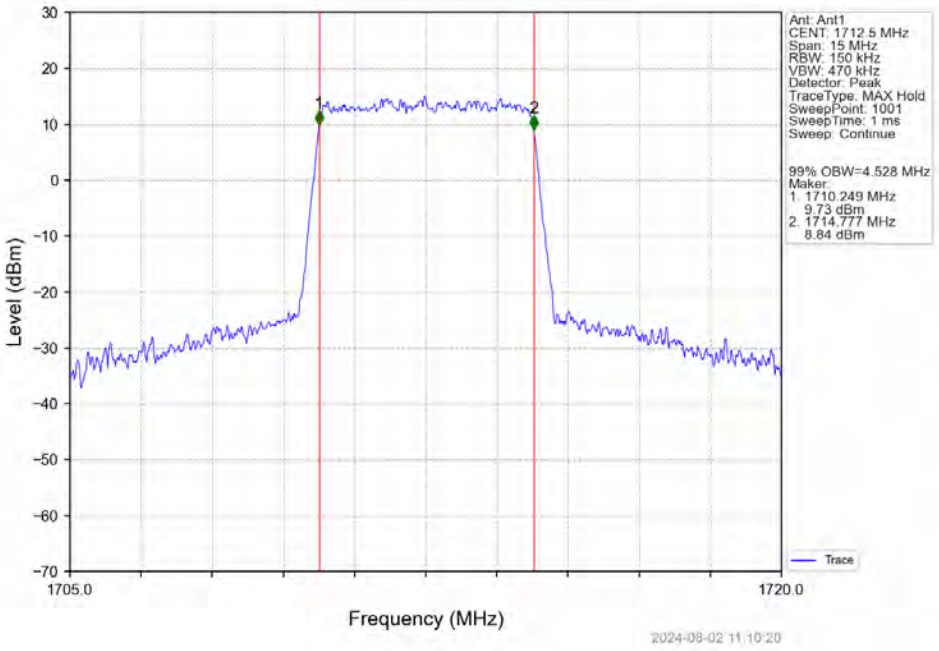
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



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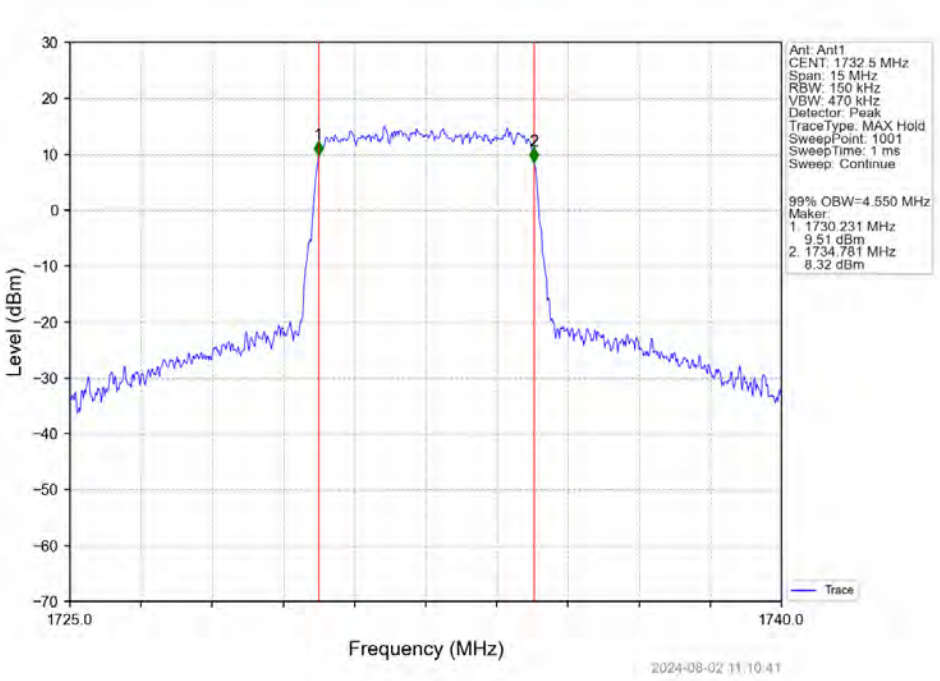
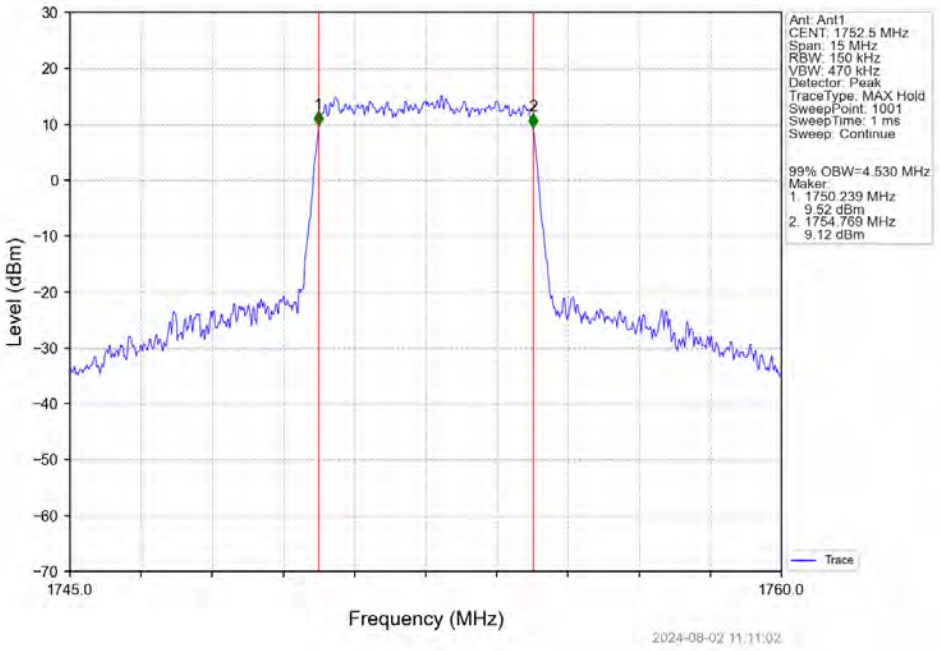
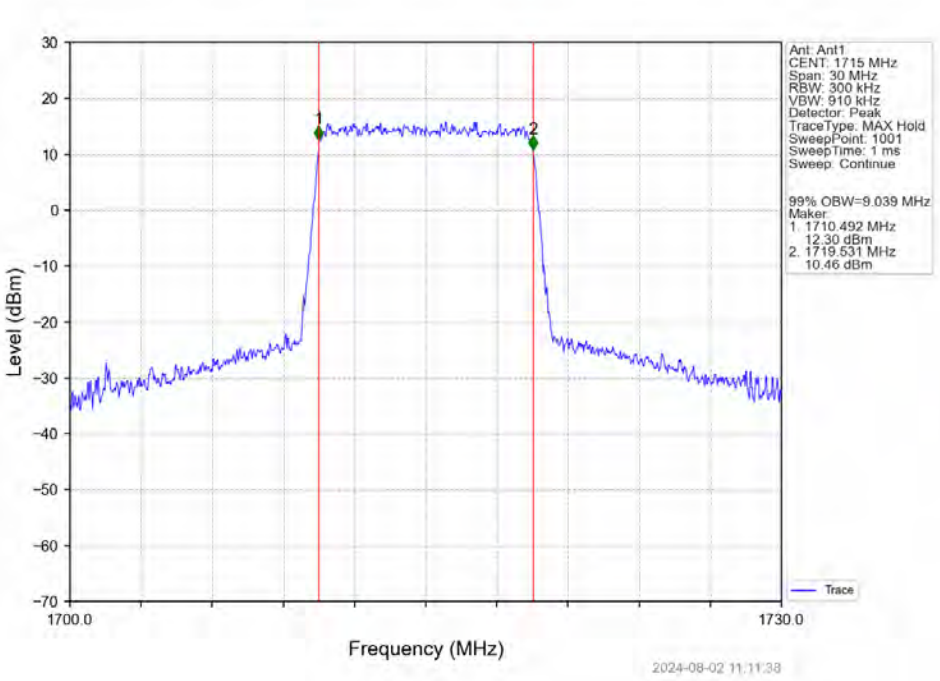


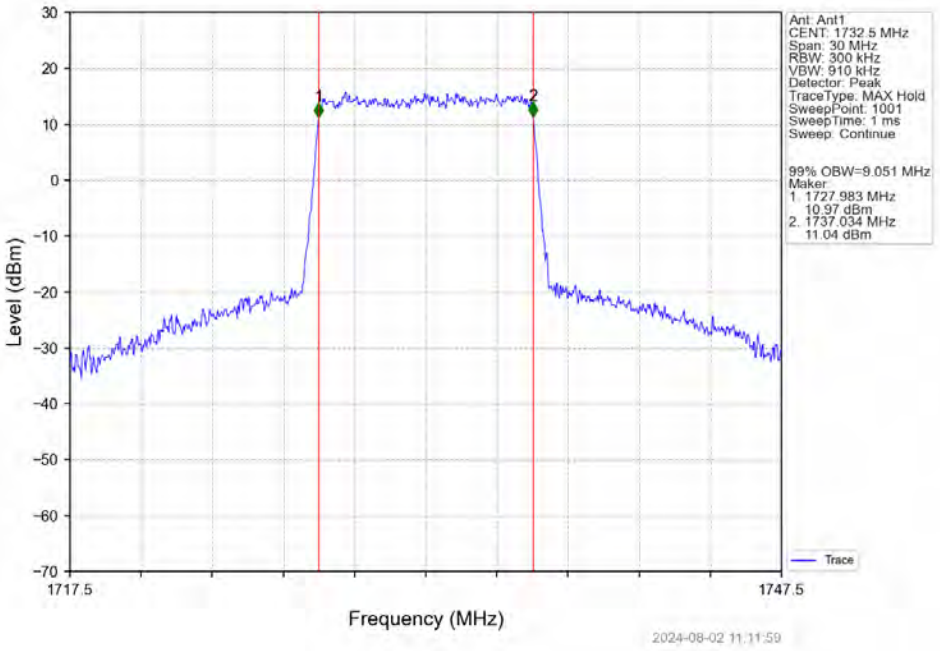
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



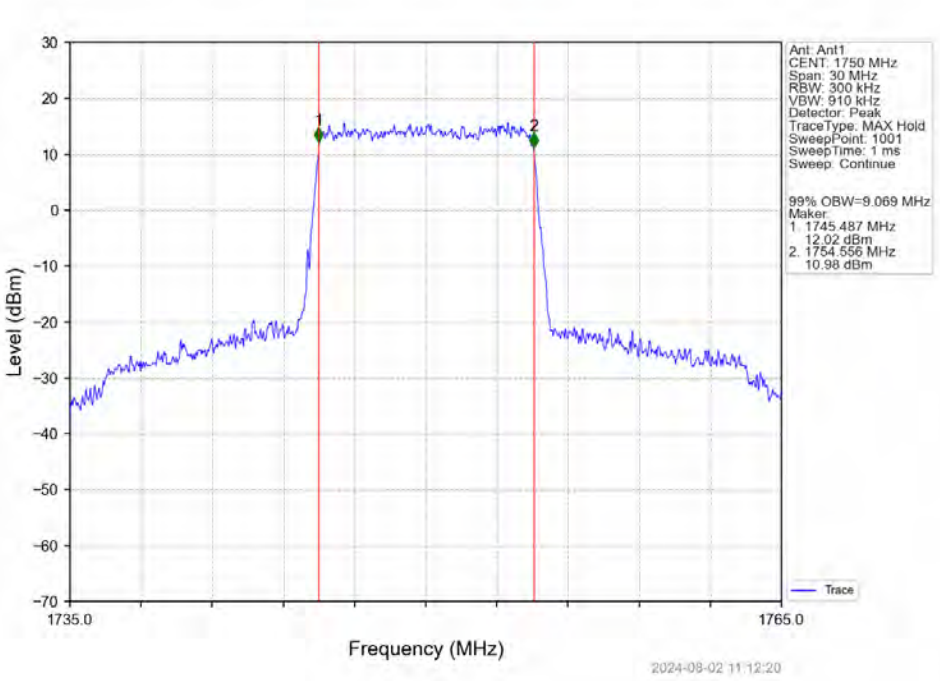
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



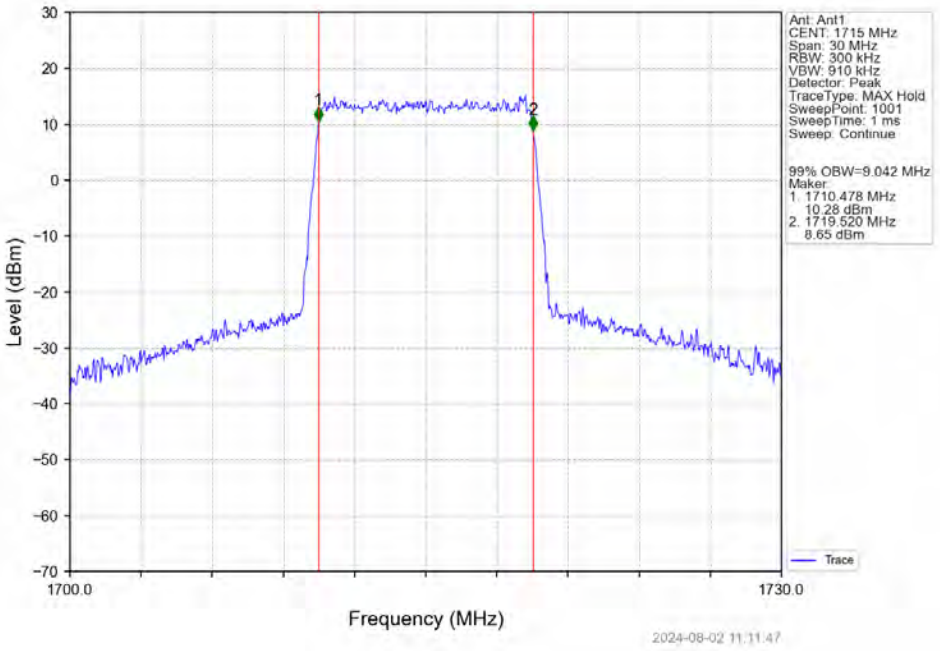
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



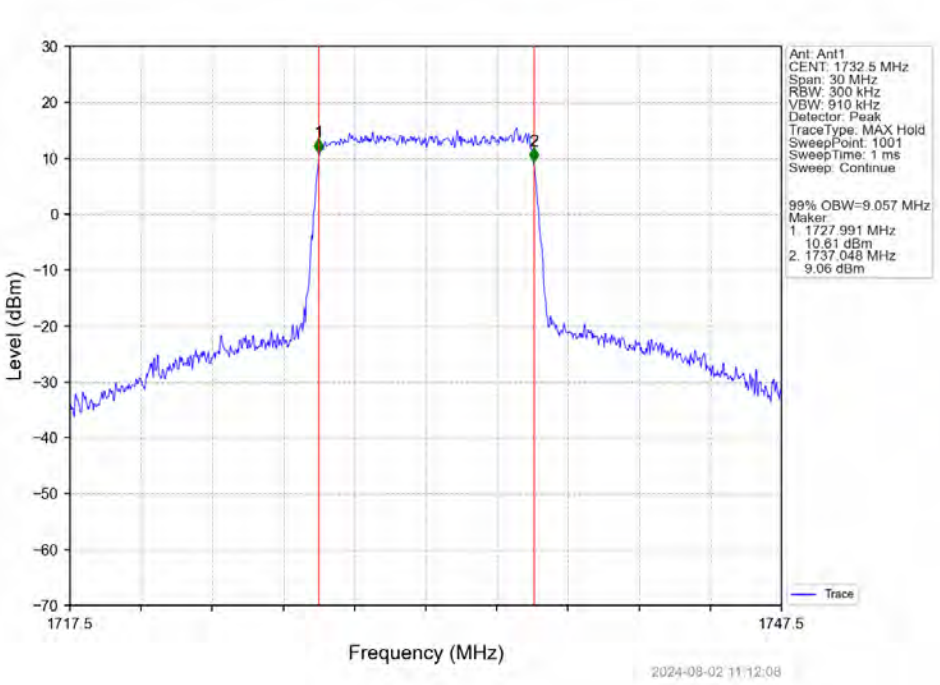
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



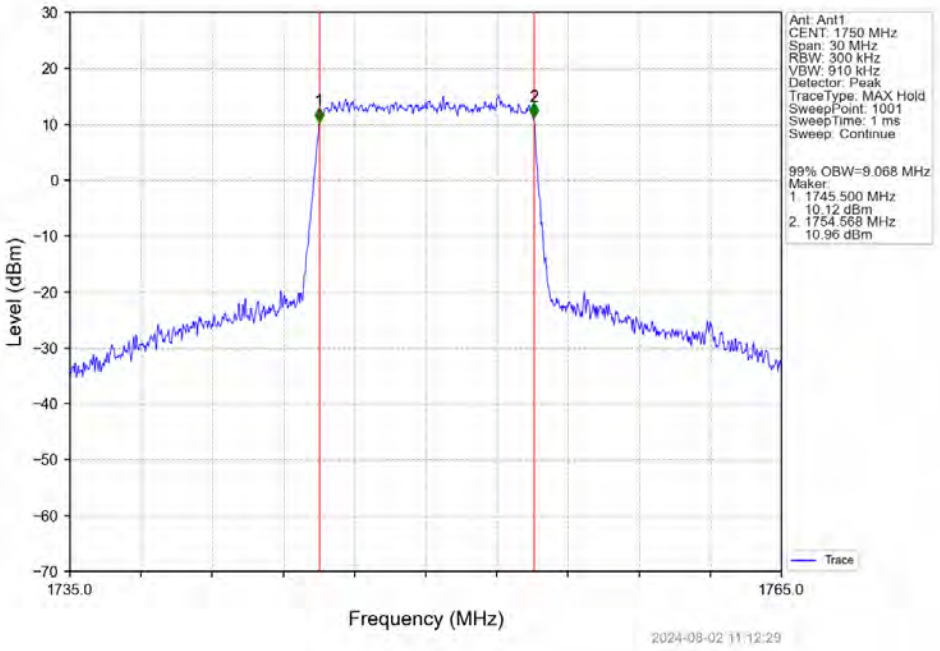
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



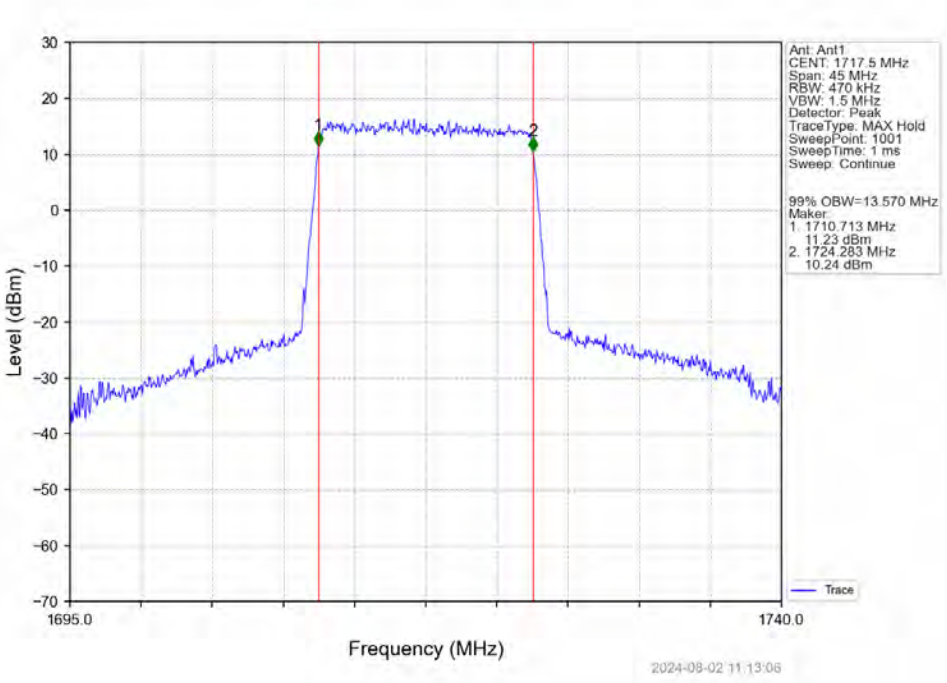
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



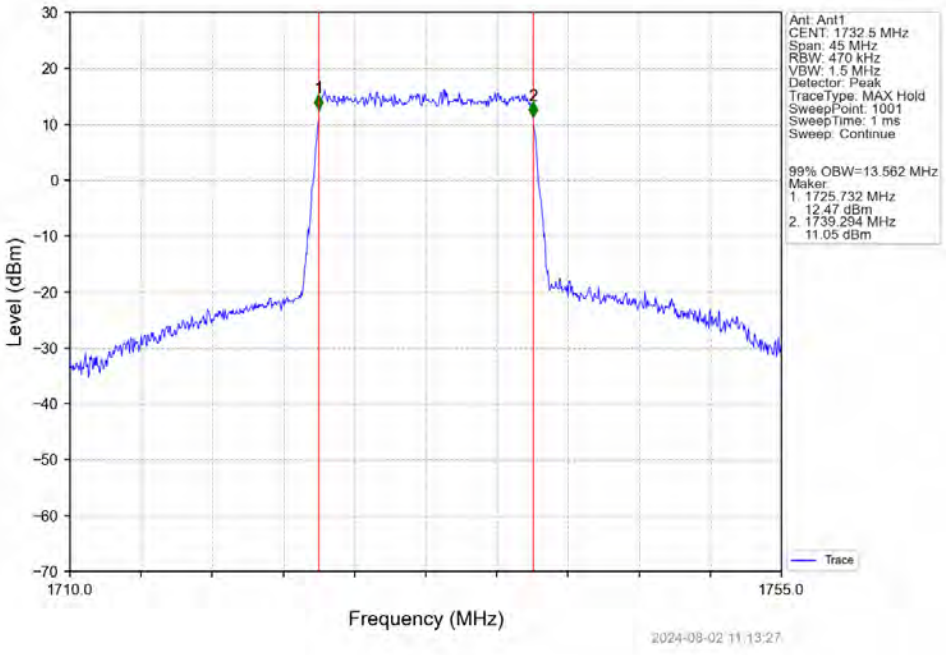
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



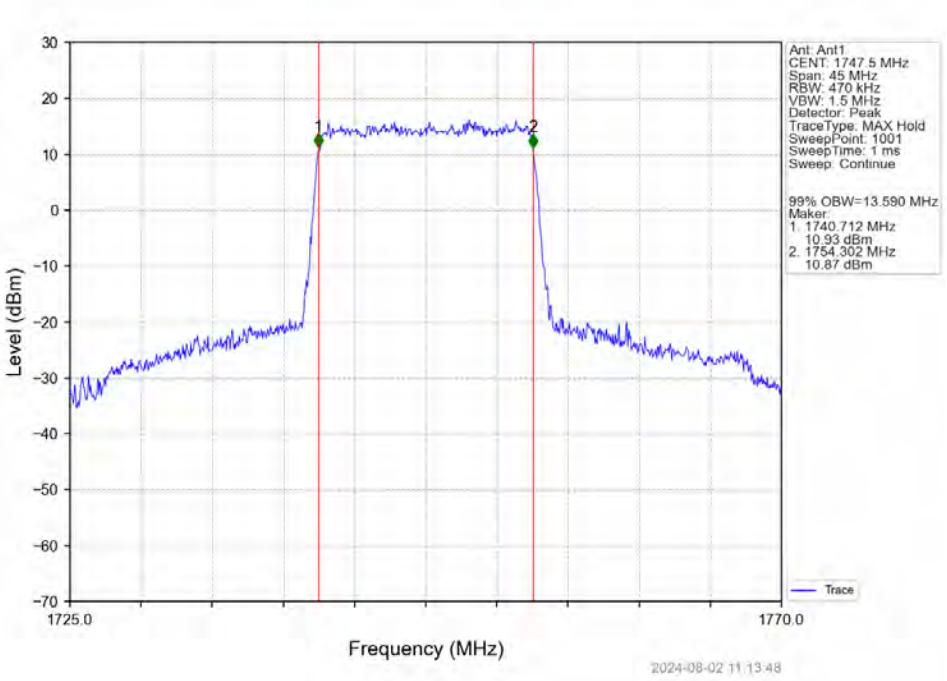
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



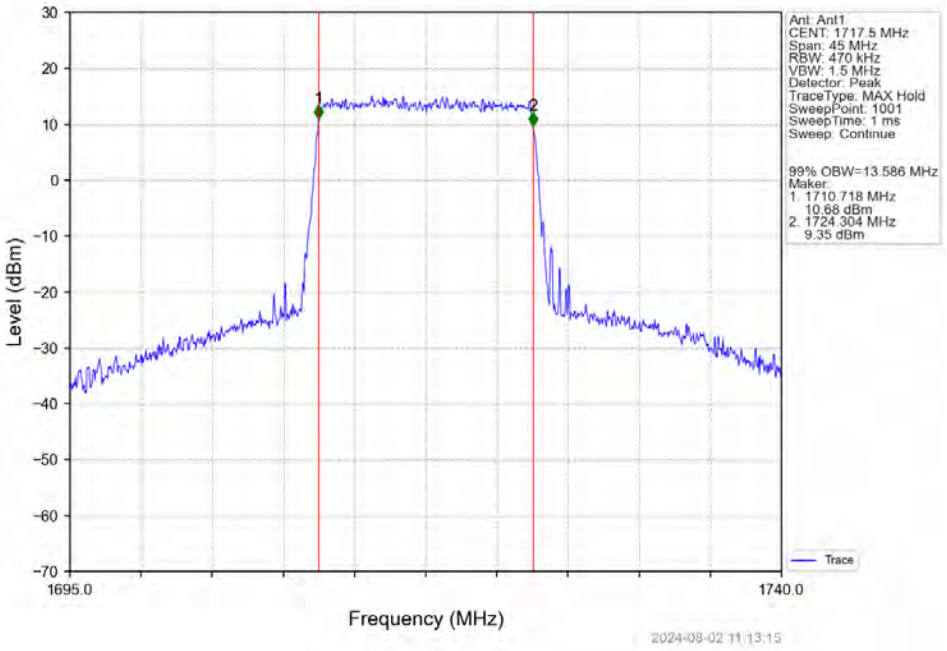
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



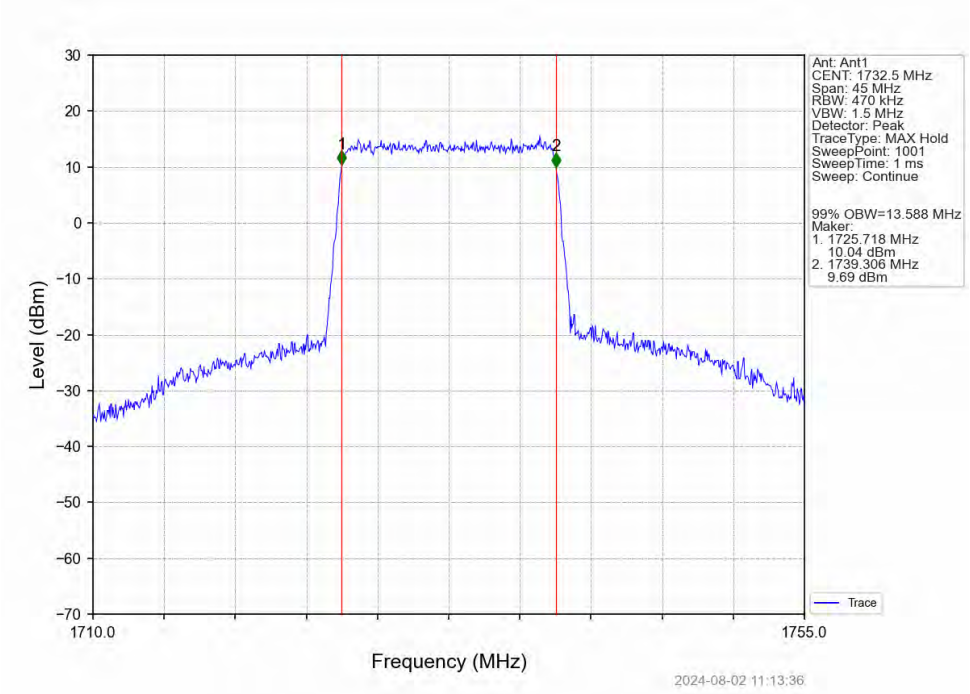
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



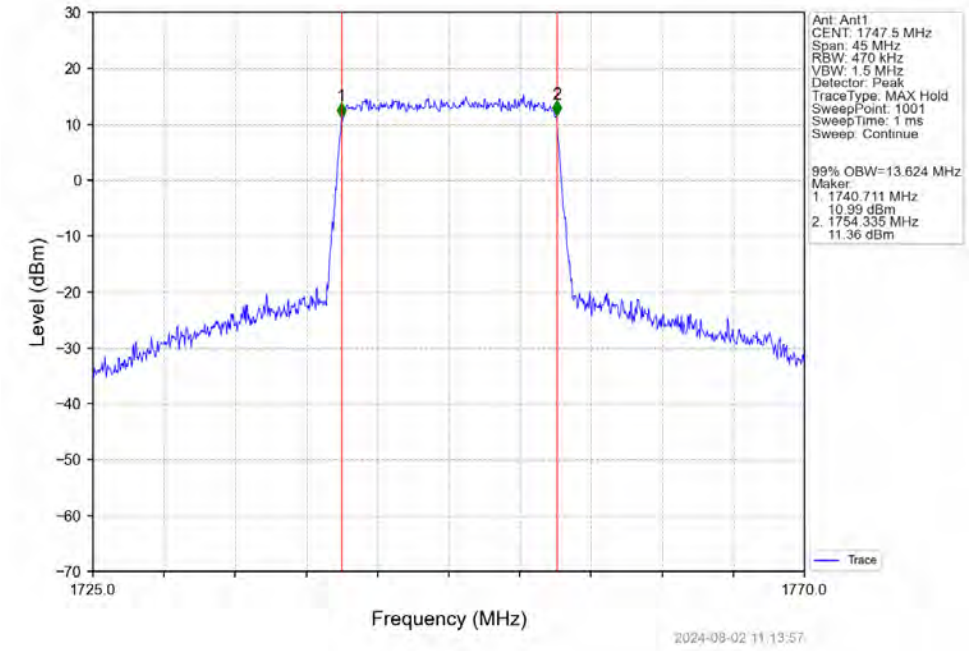
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



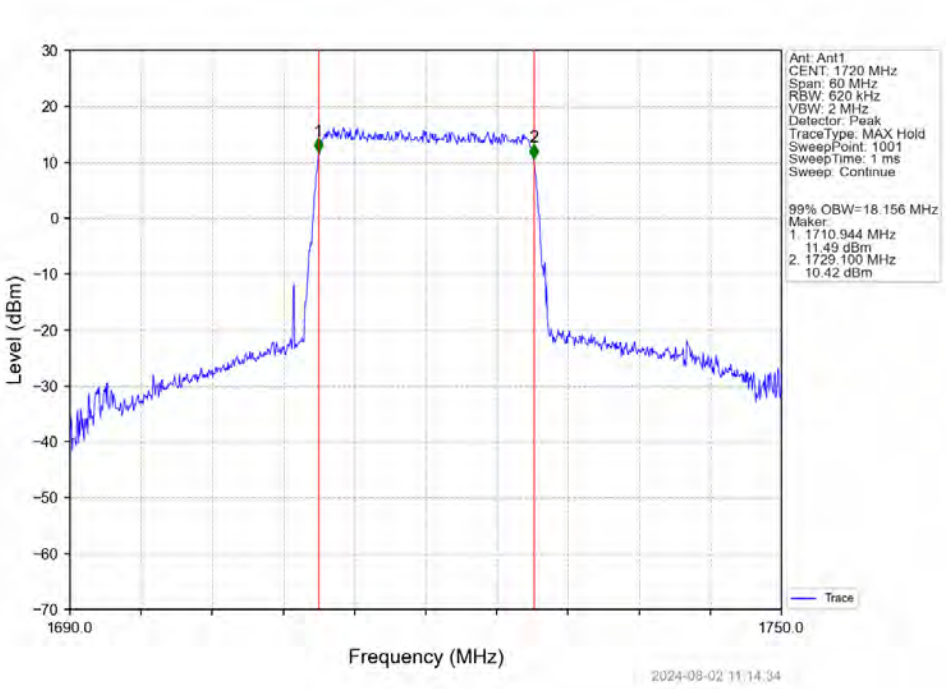
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



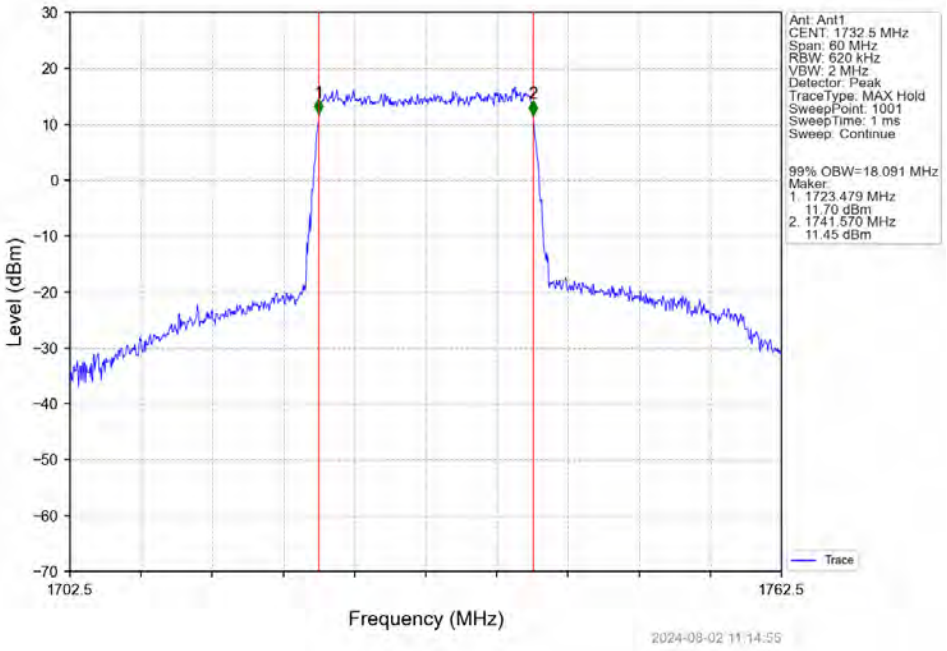
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



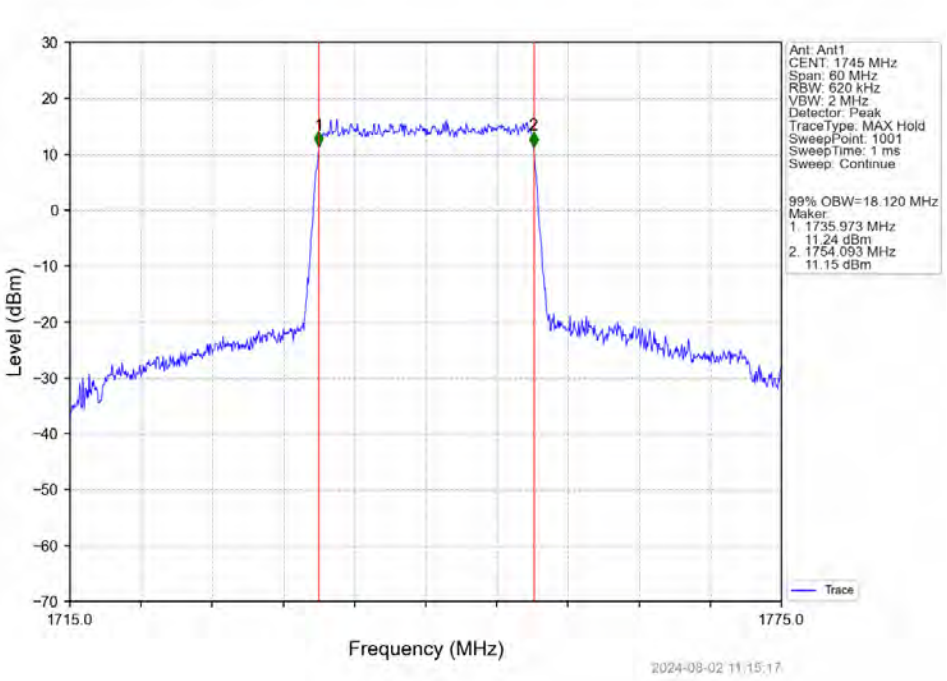
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



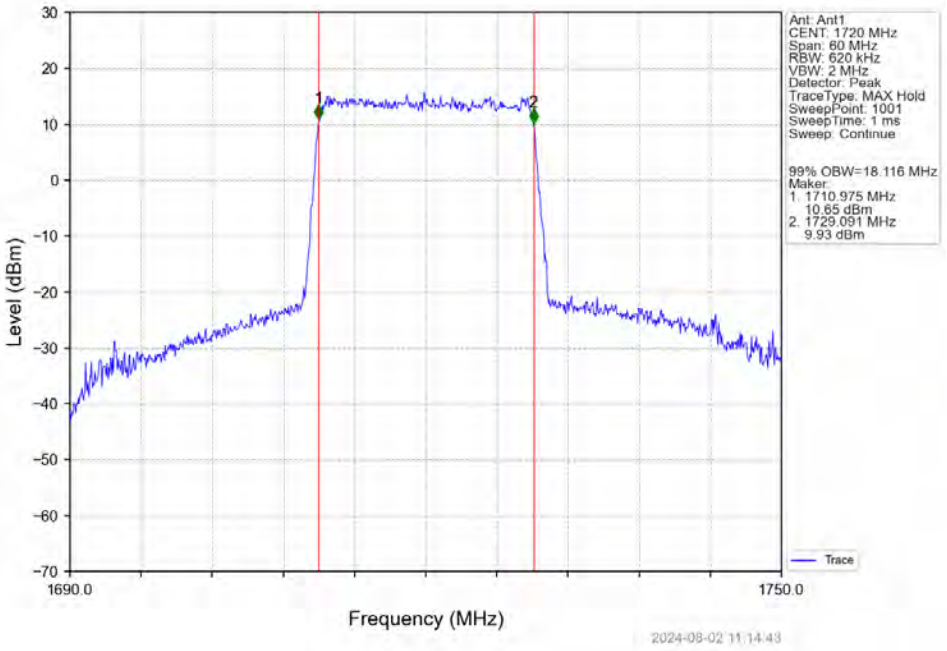
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



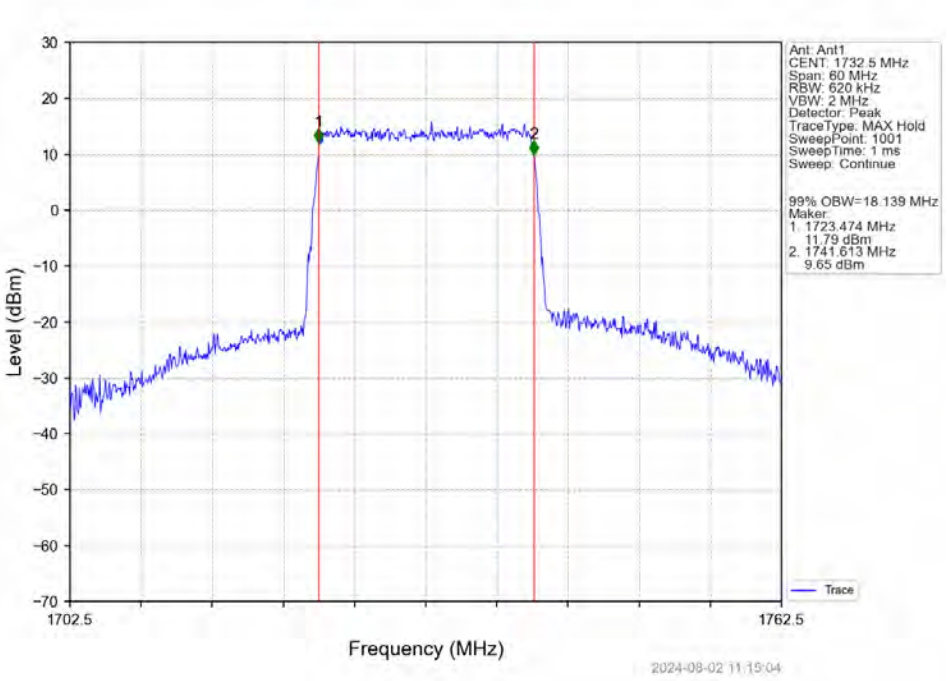
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



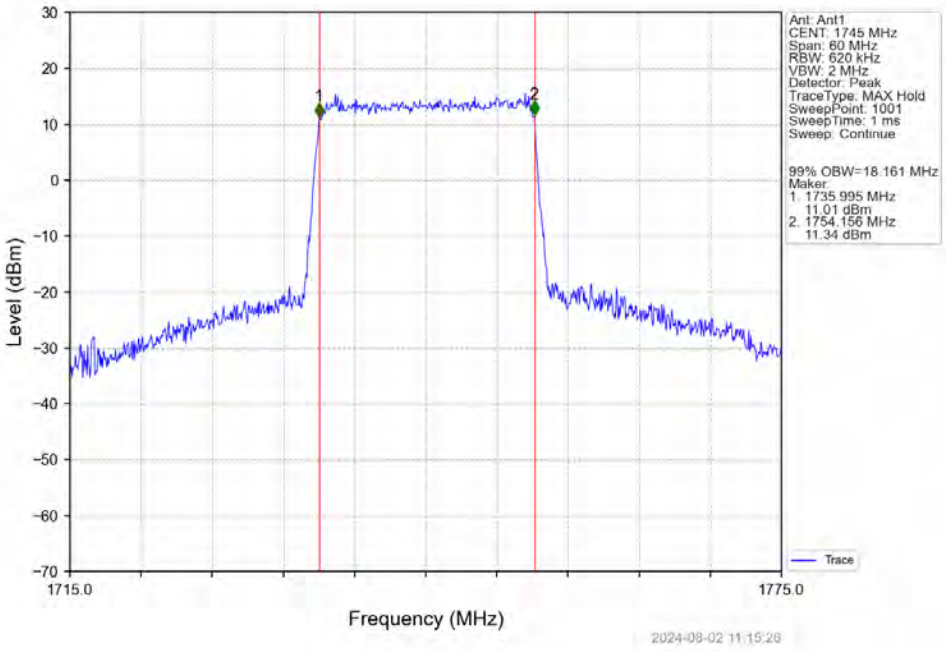
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



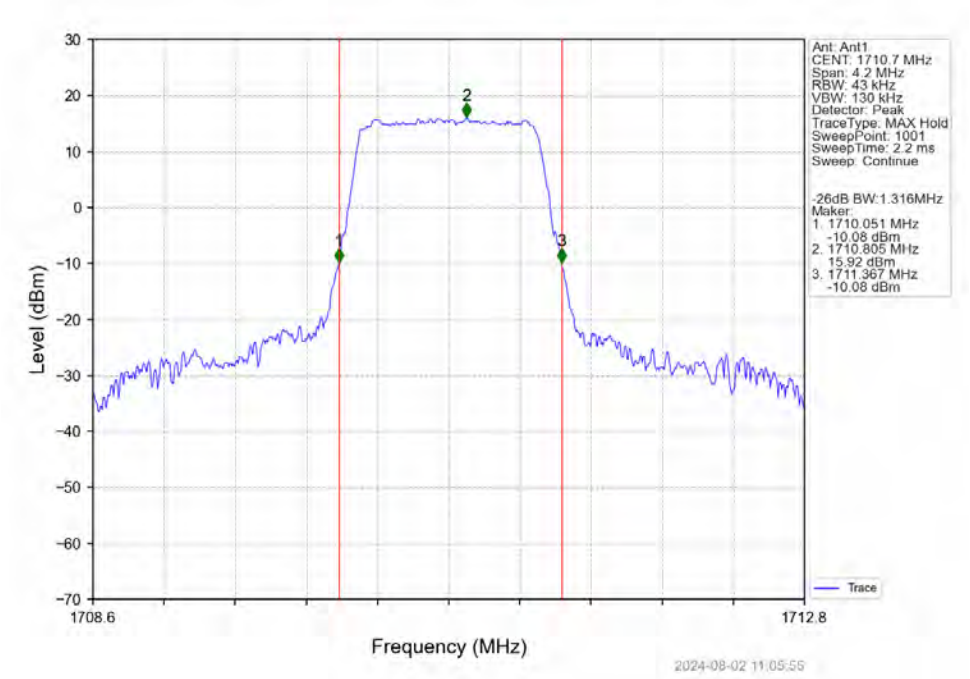
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



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

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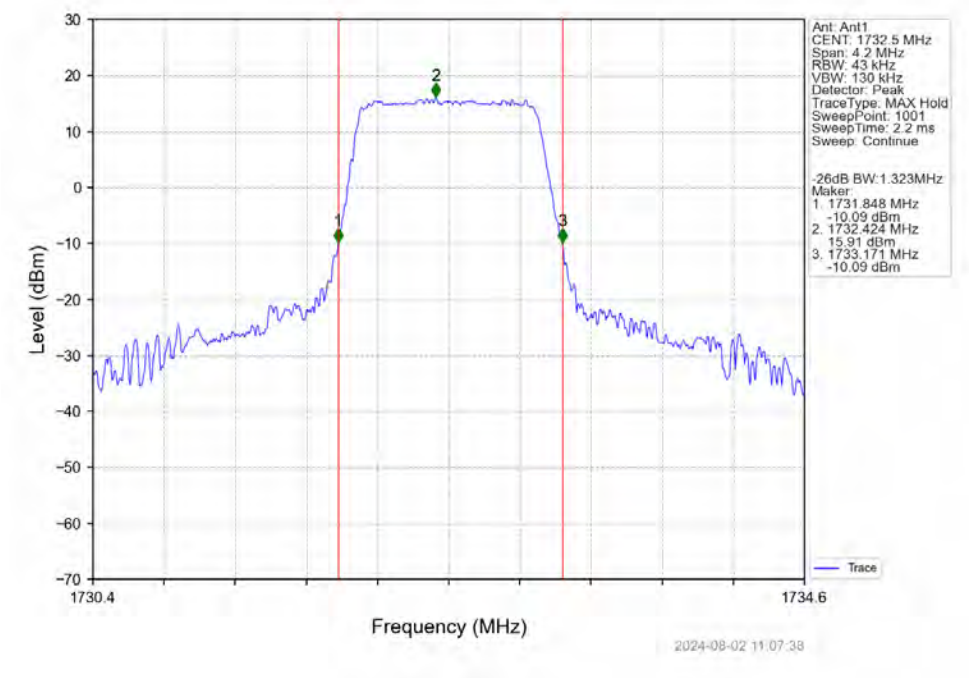
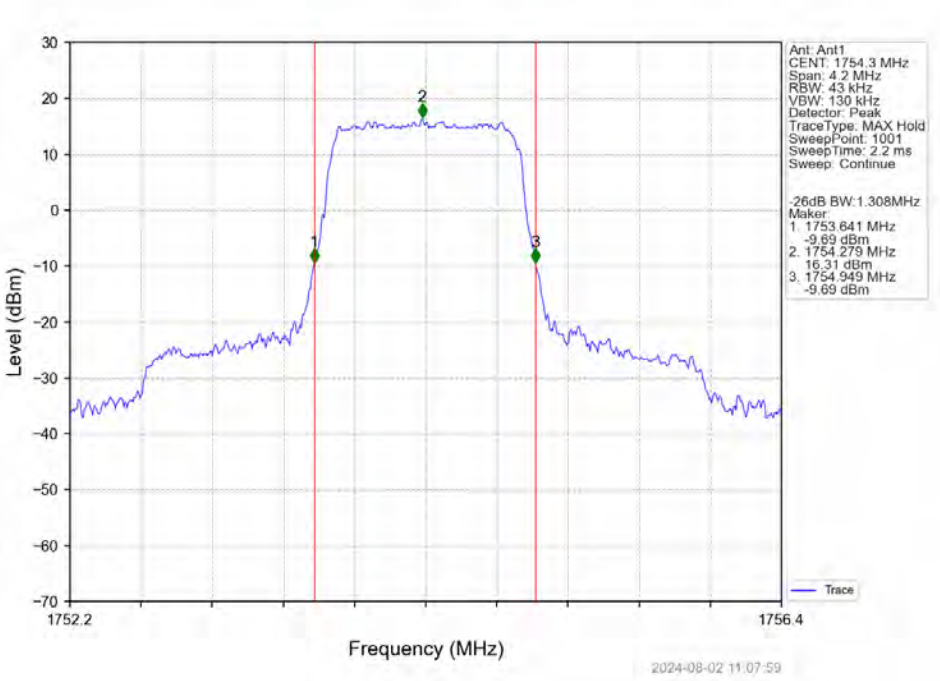
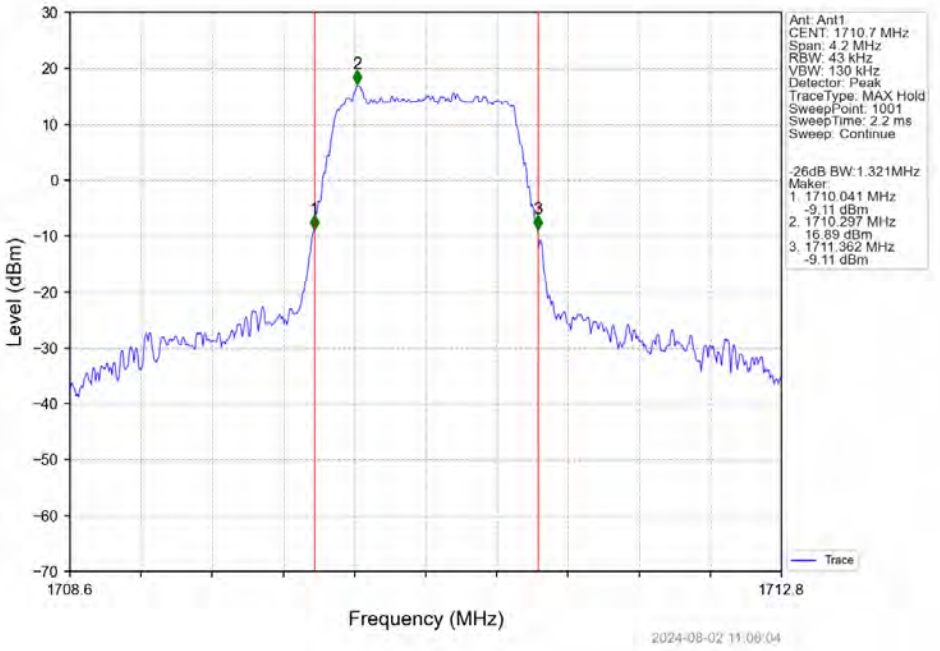


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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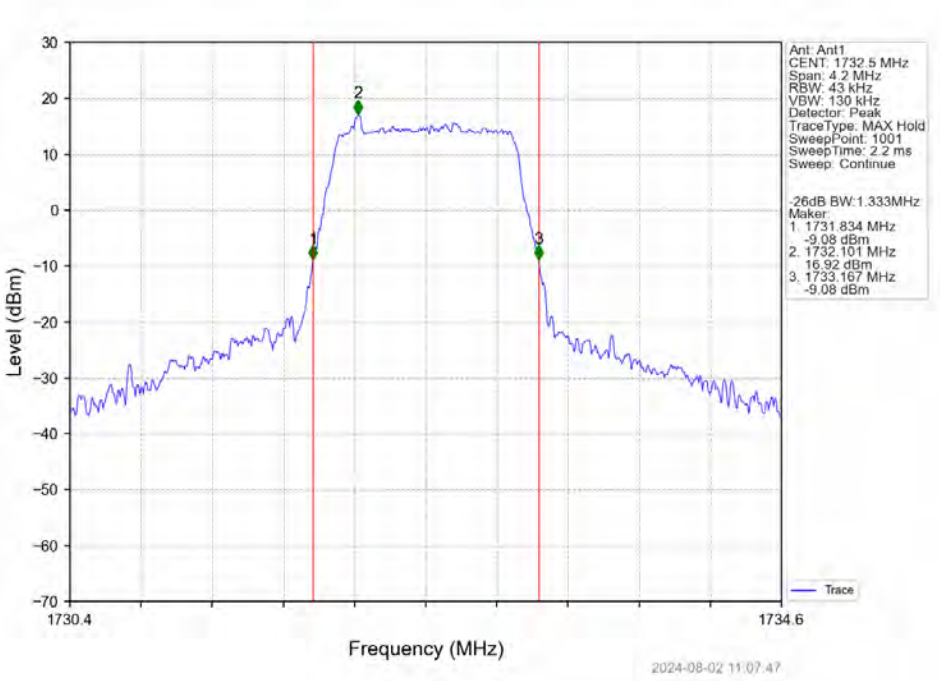

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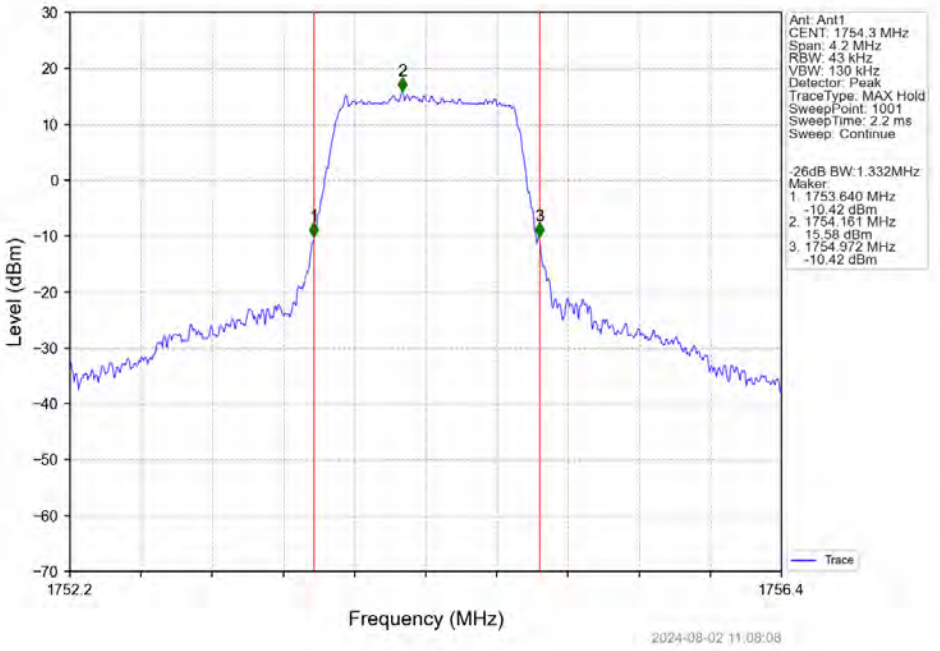
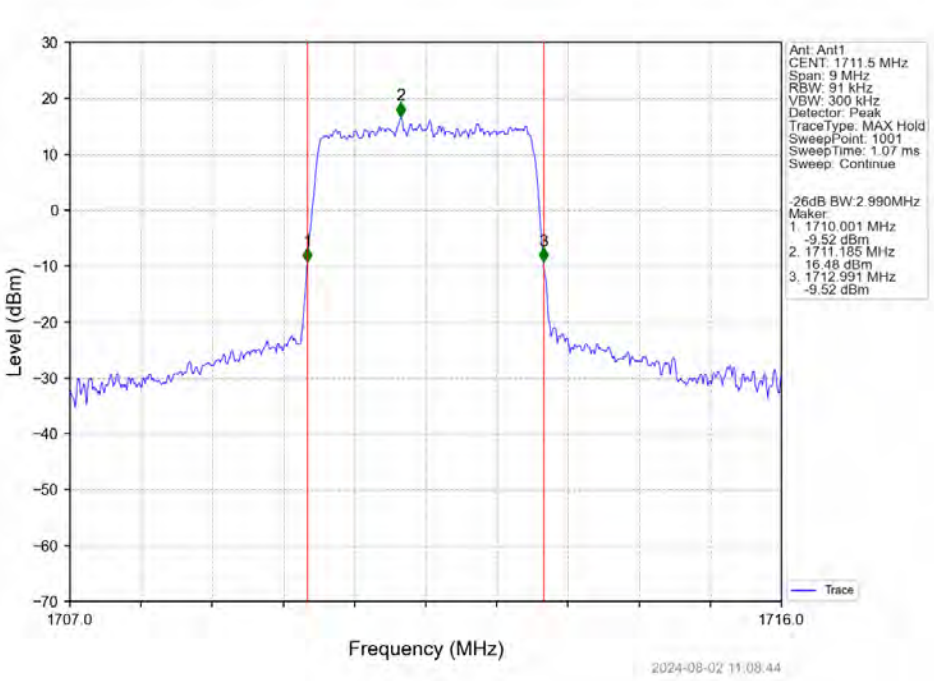
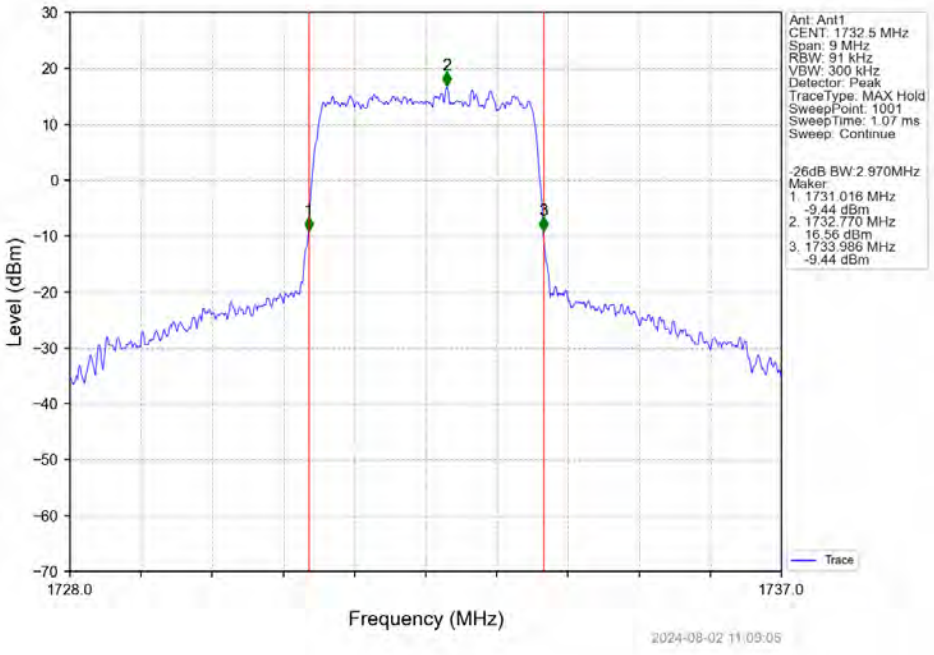
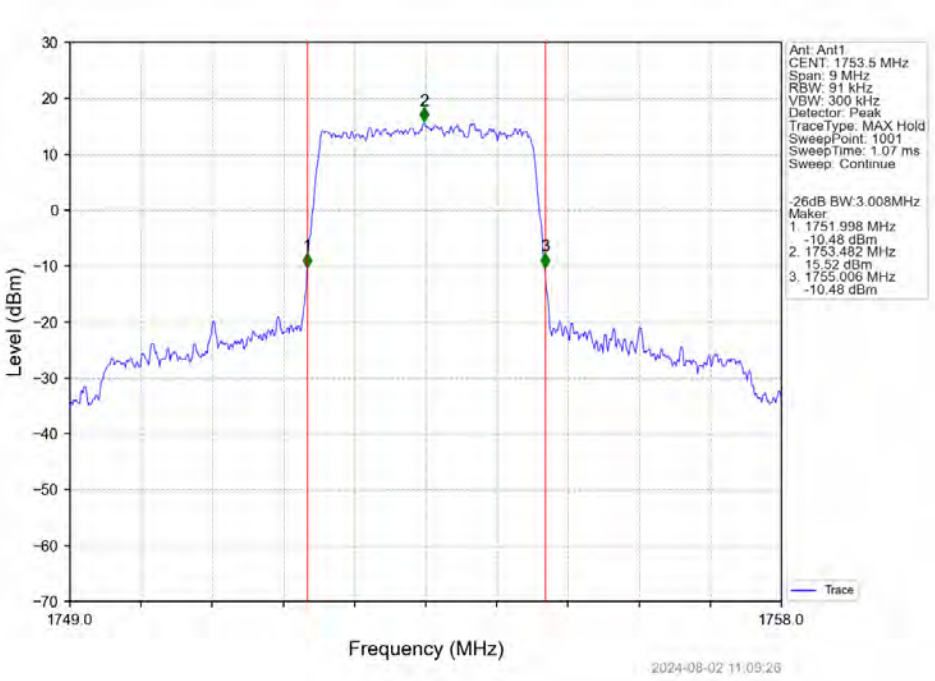


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV


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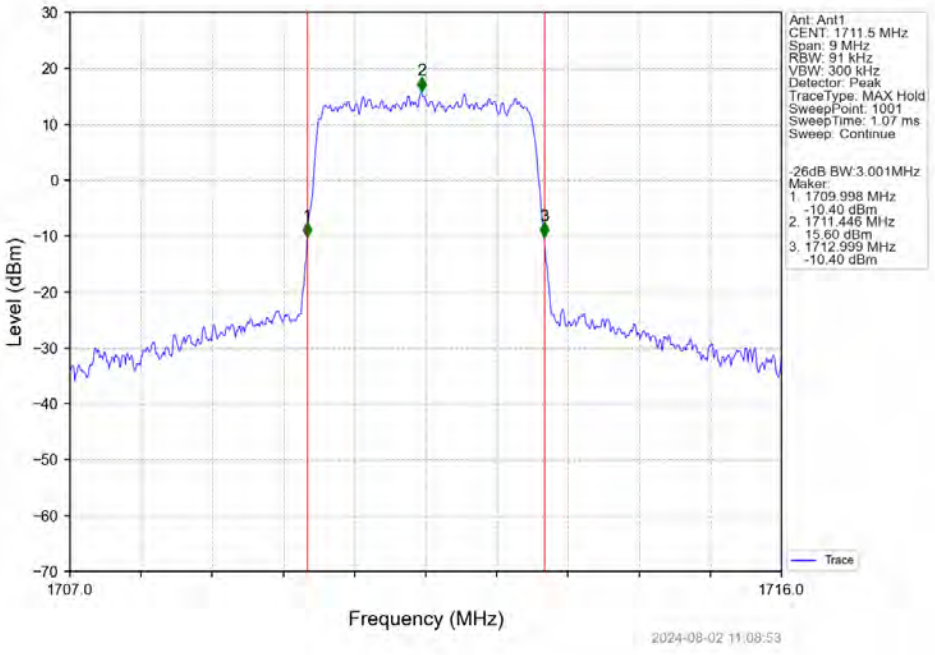
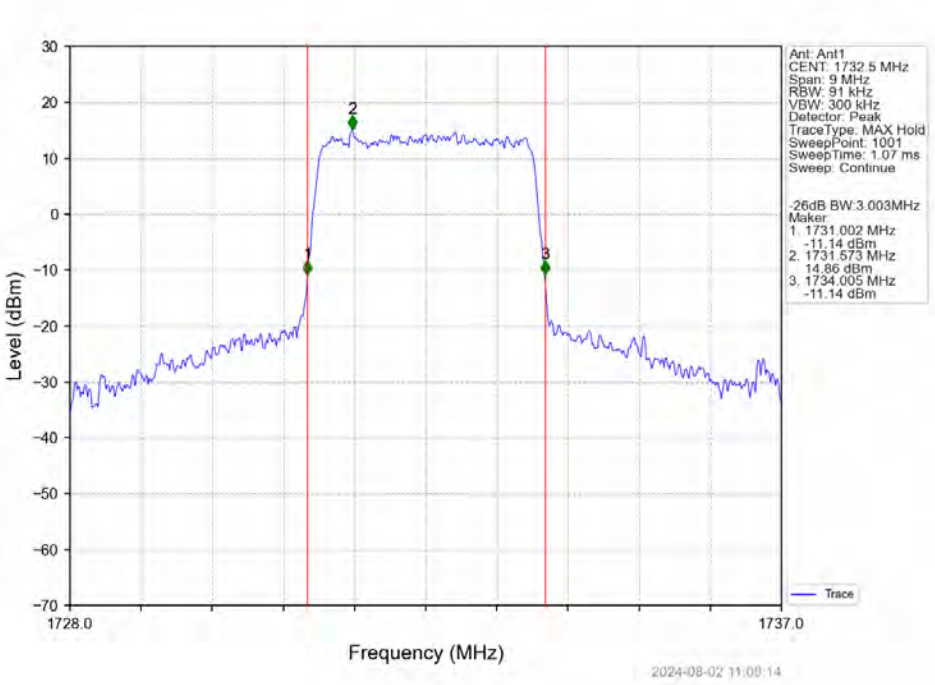
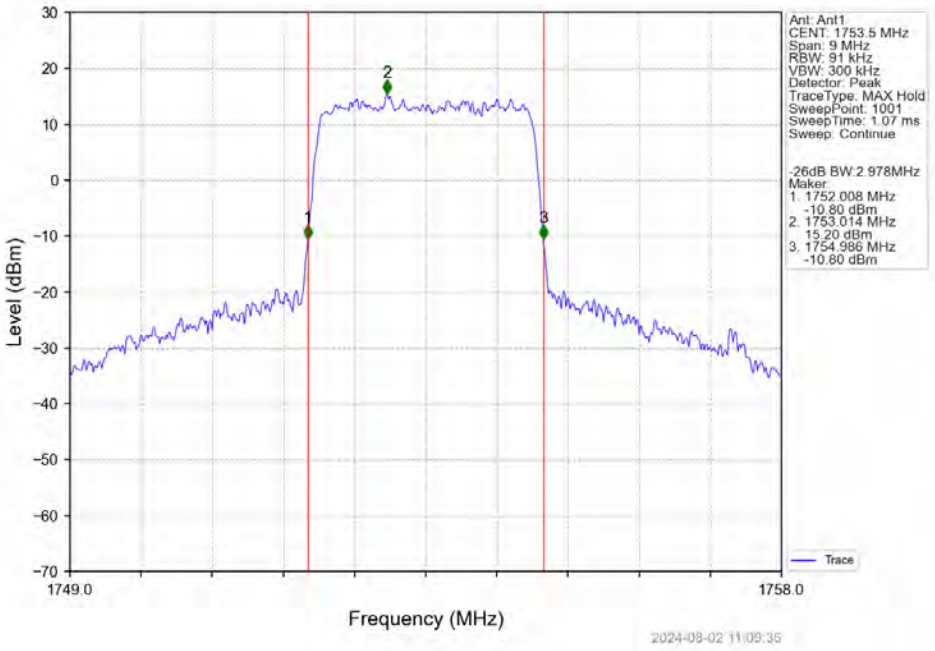


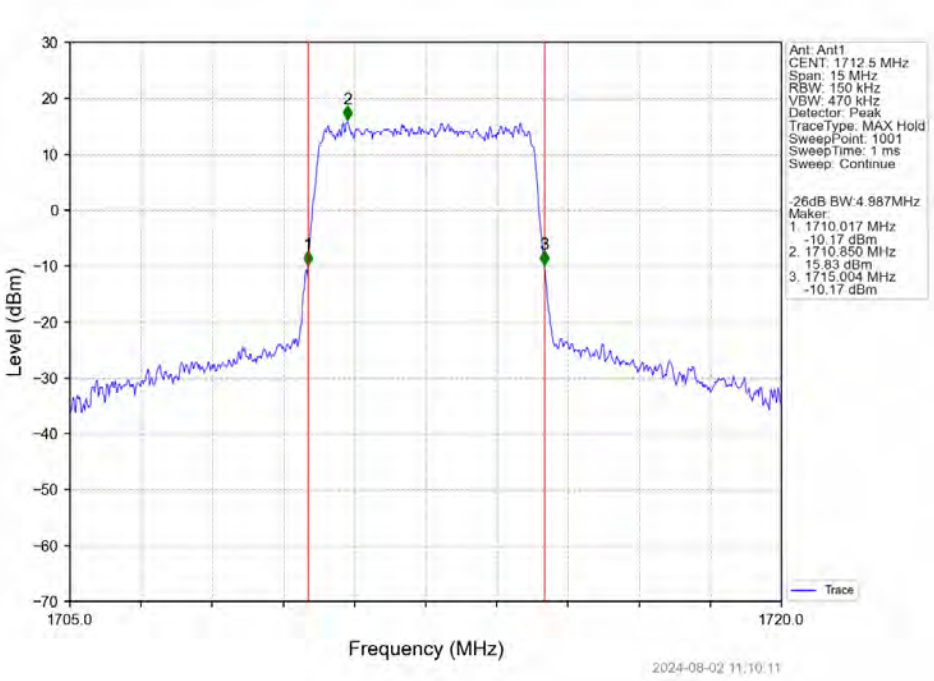
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



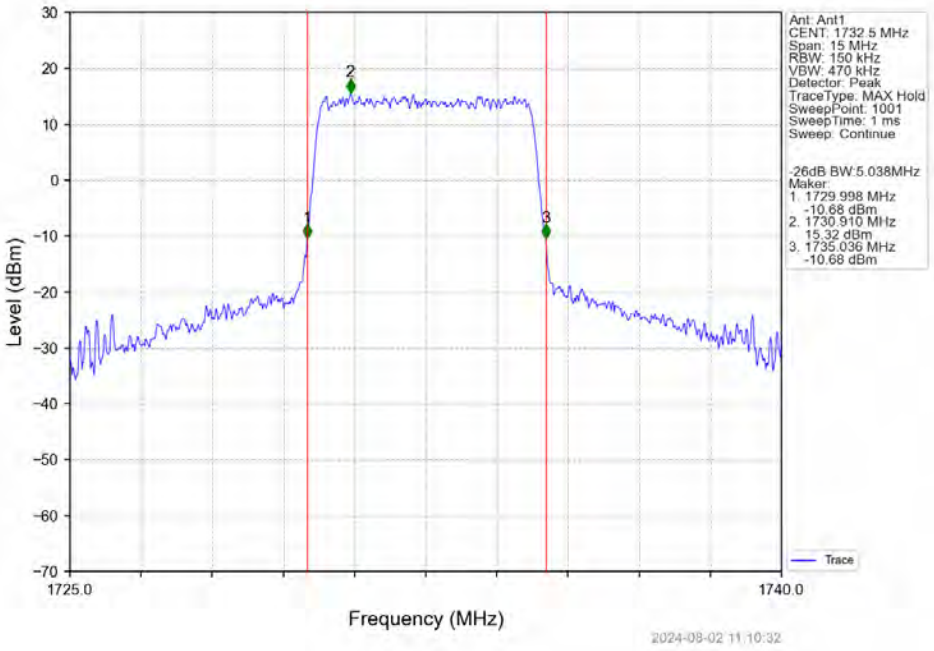
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



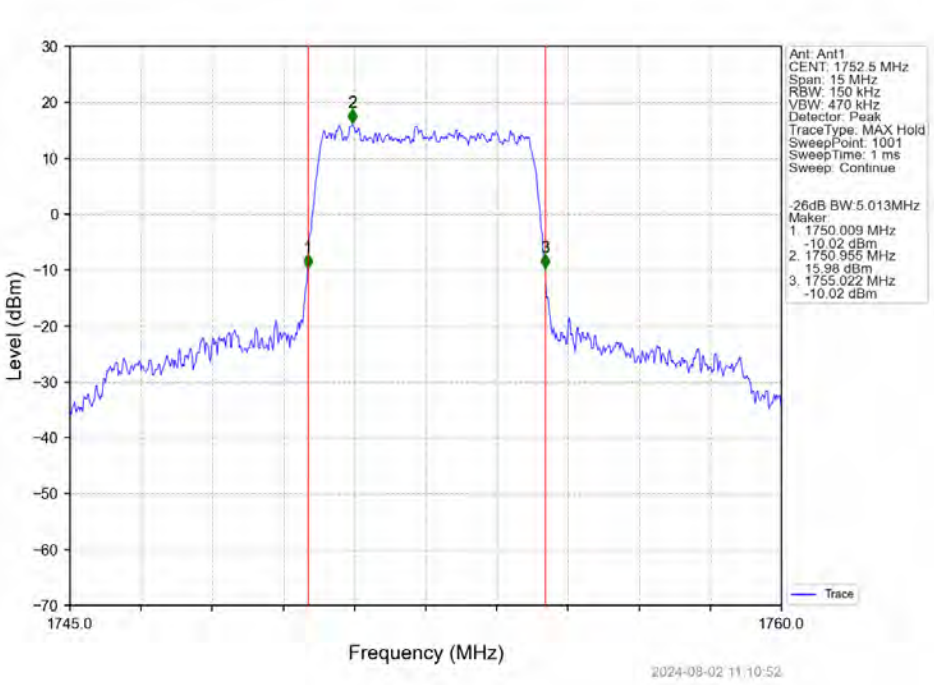
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



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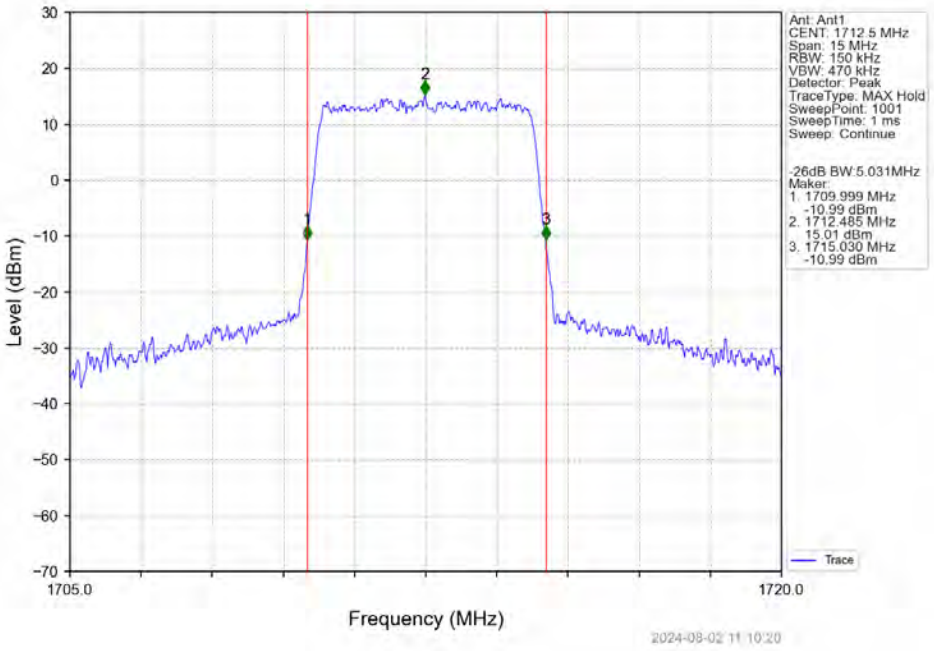
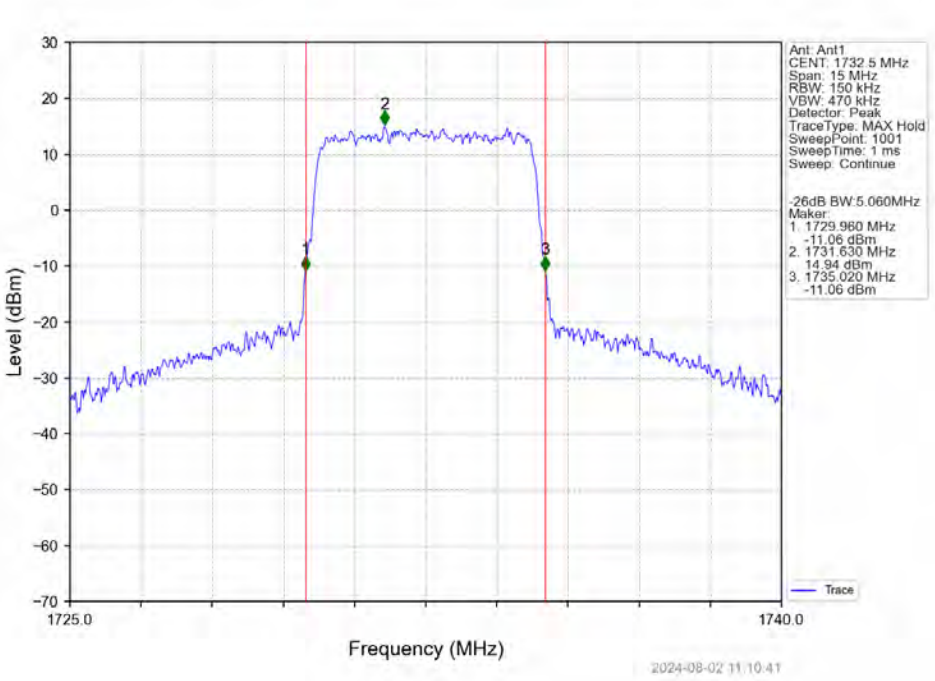
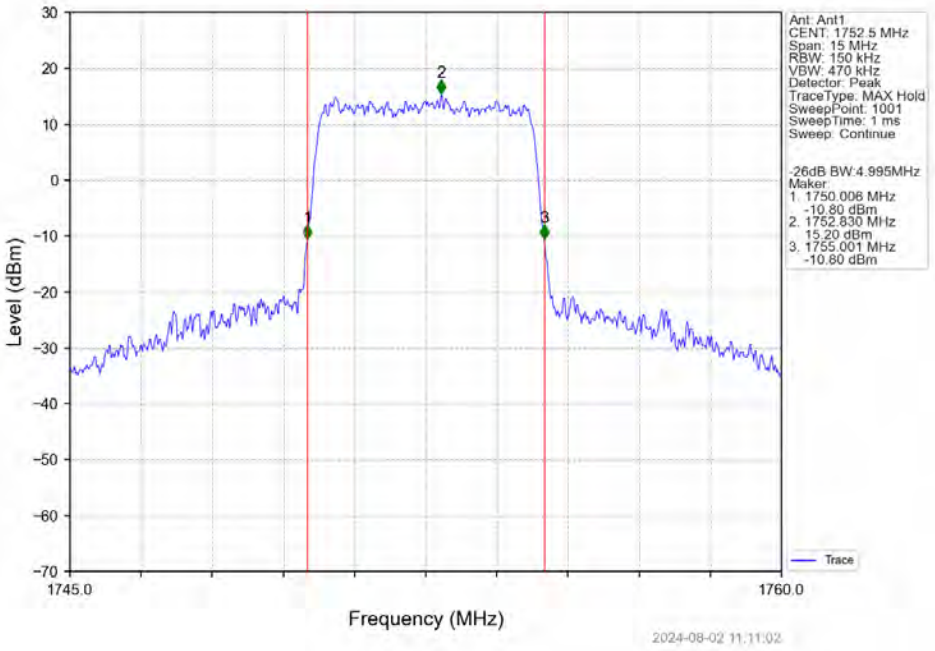


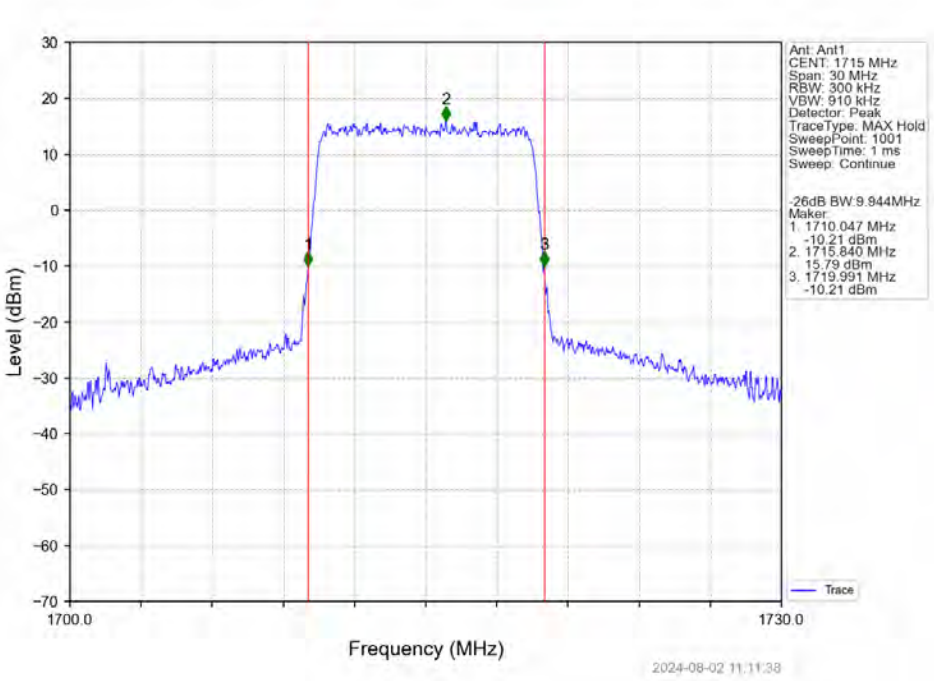
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



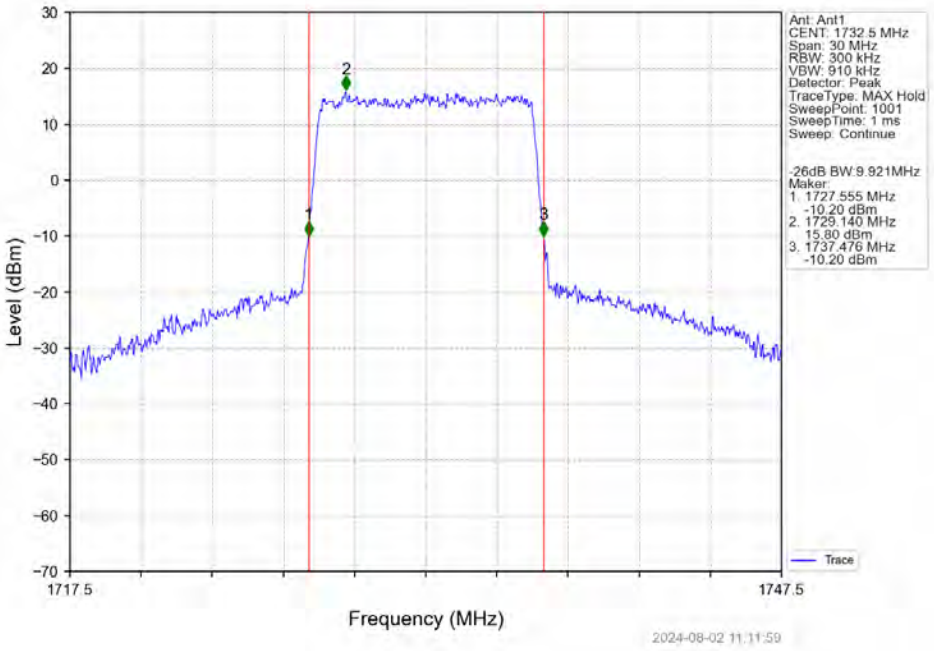
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



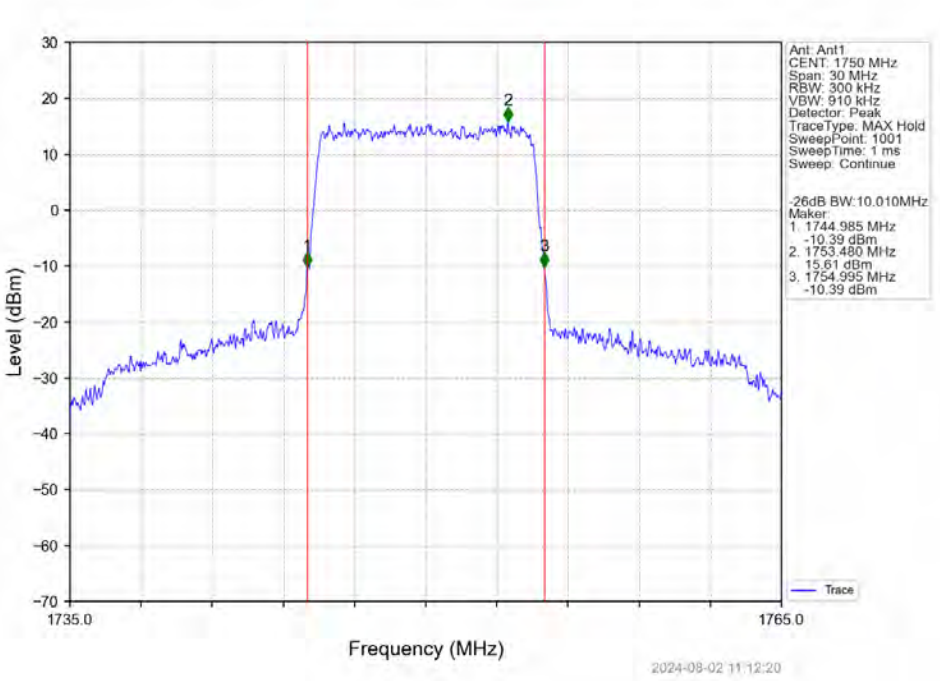
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



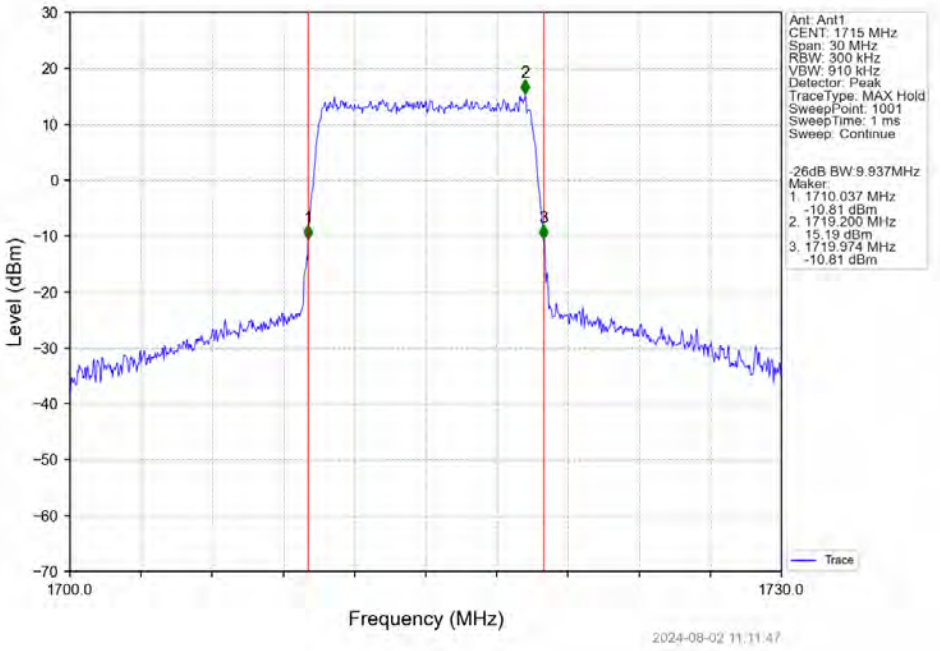
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



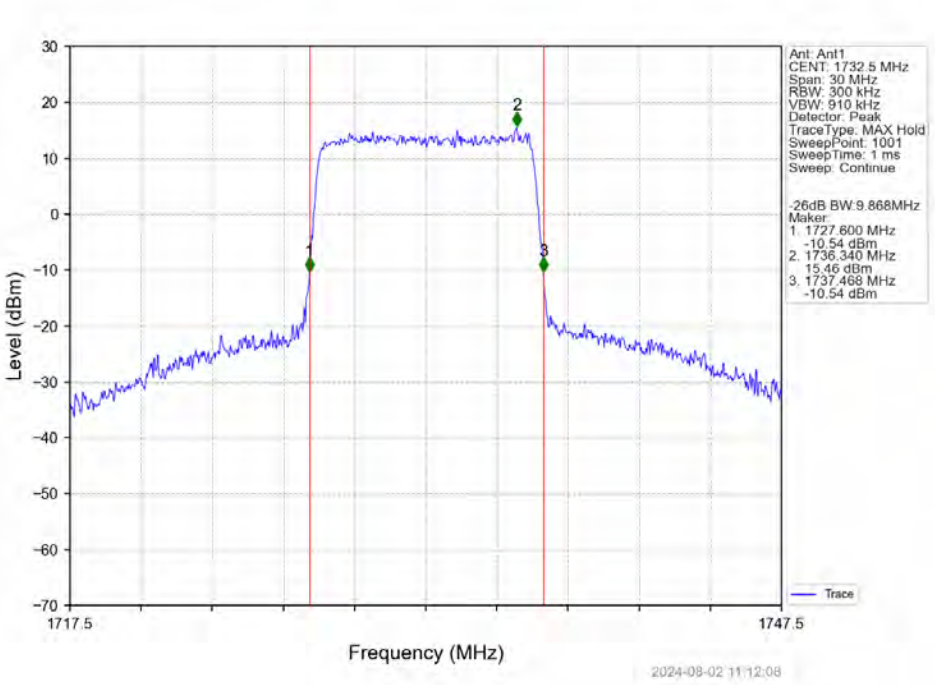
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



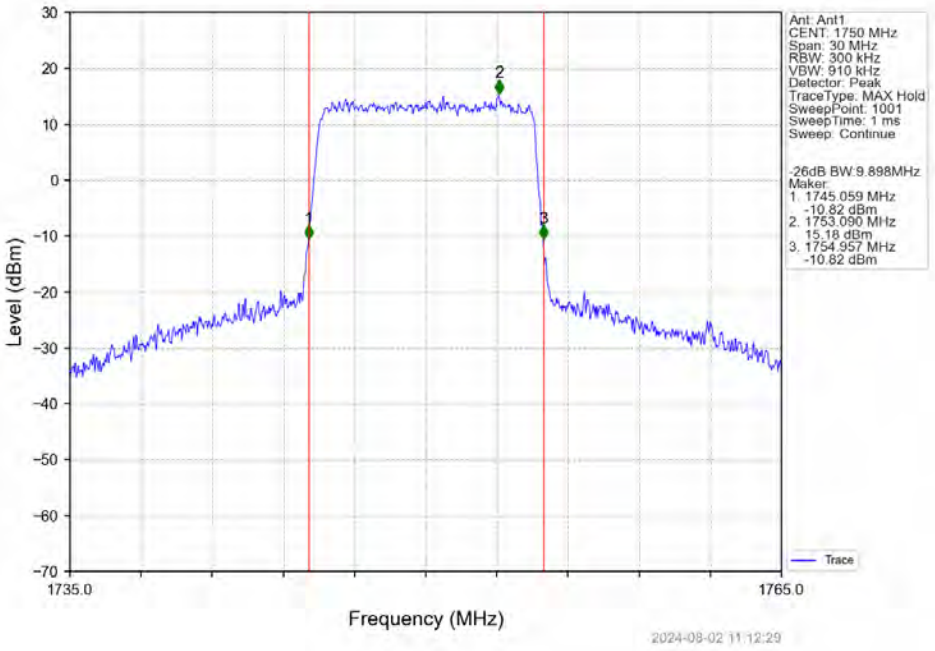
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



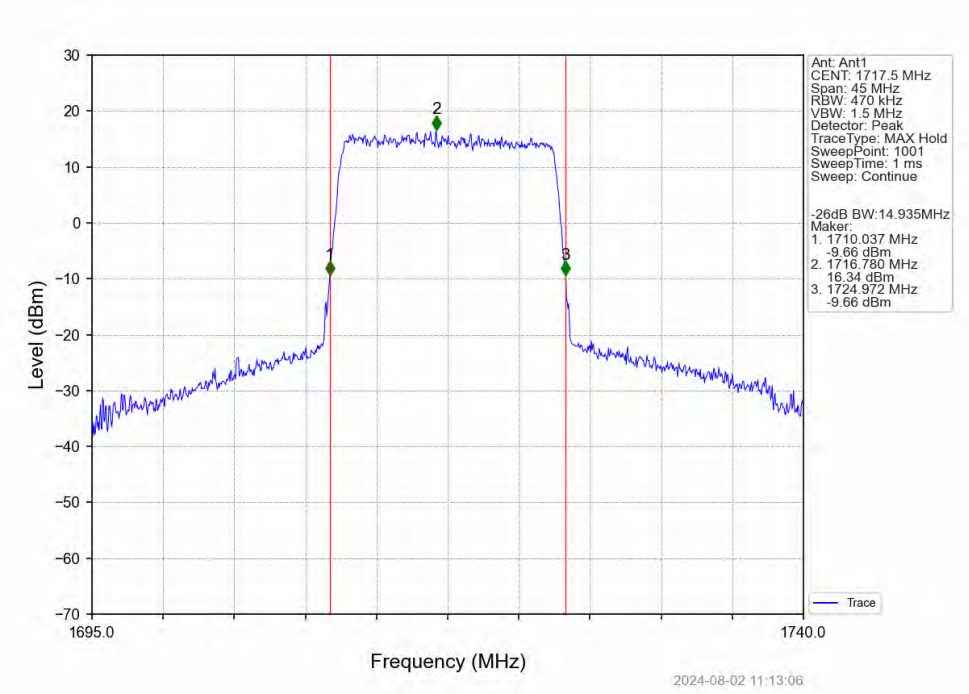
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



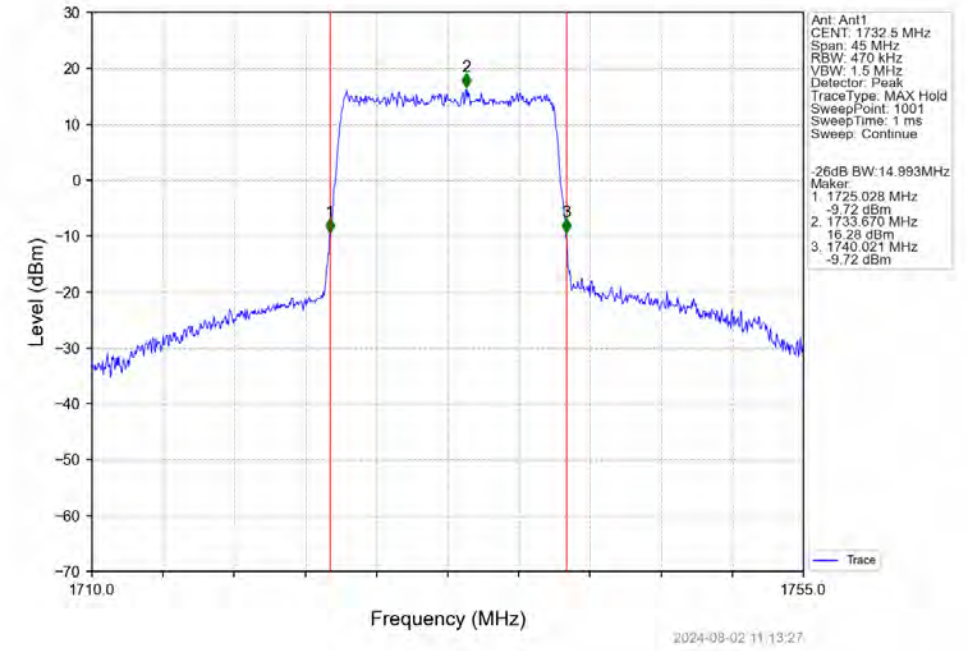
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



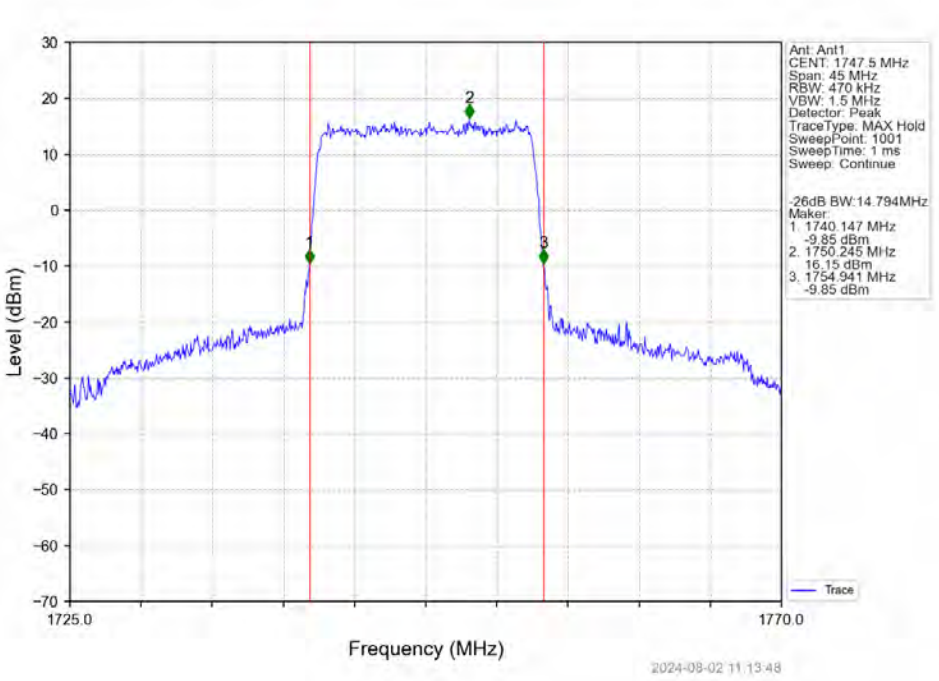
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



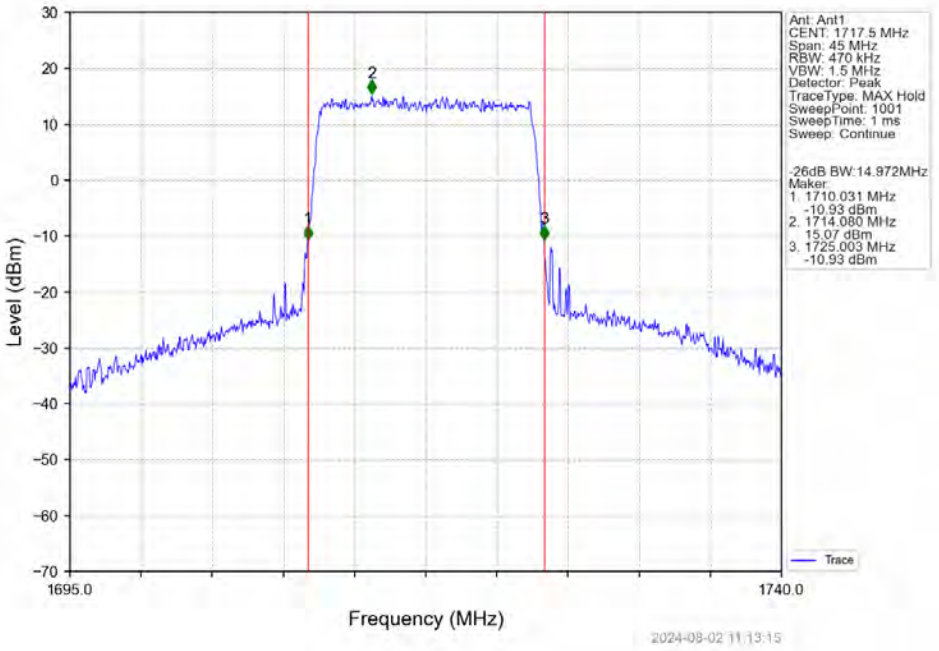
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



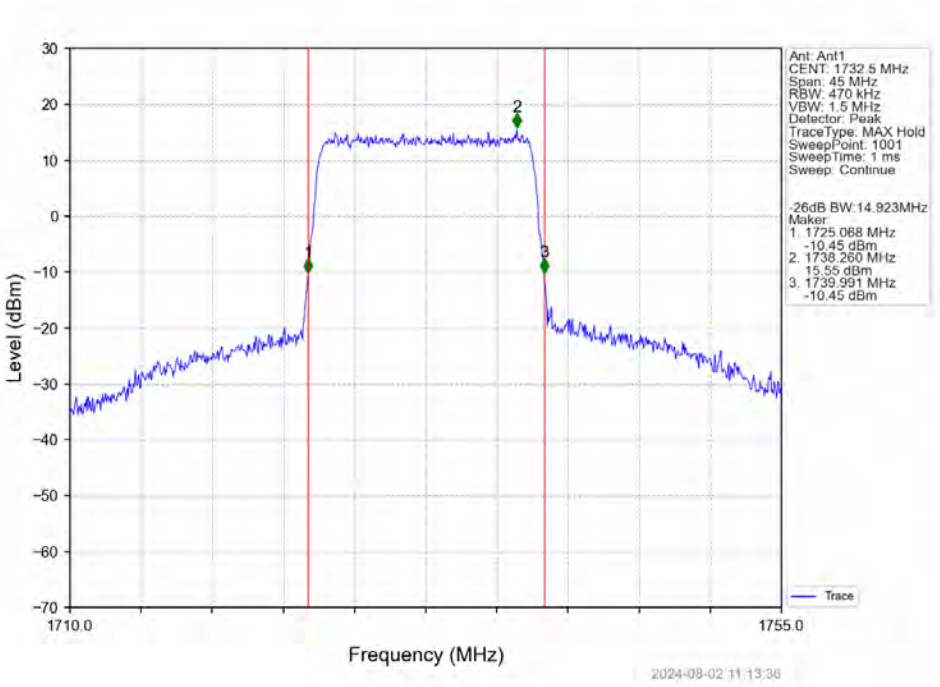
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



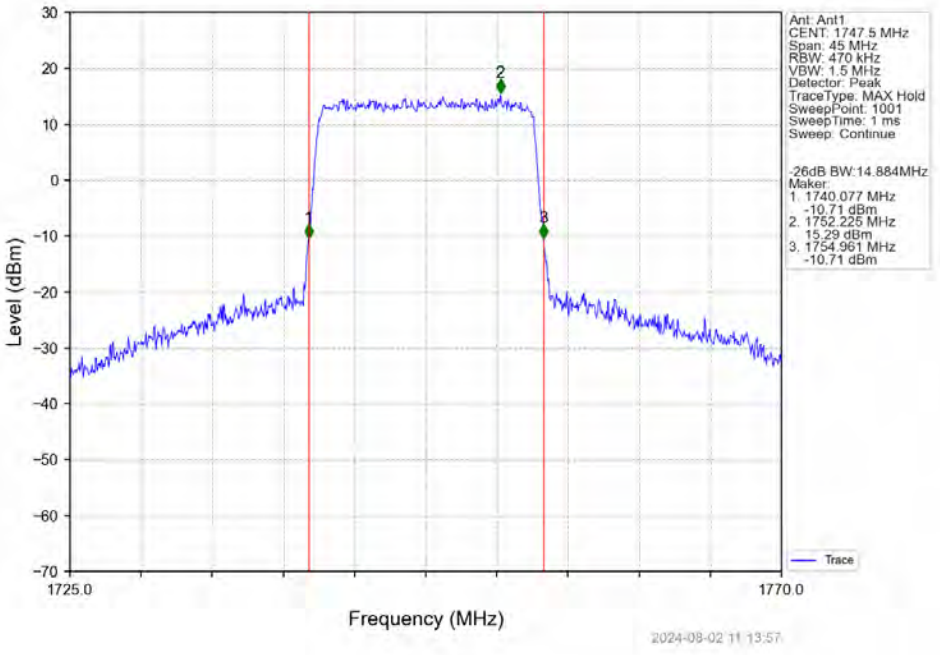
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



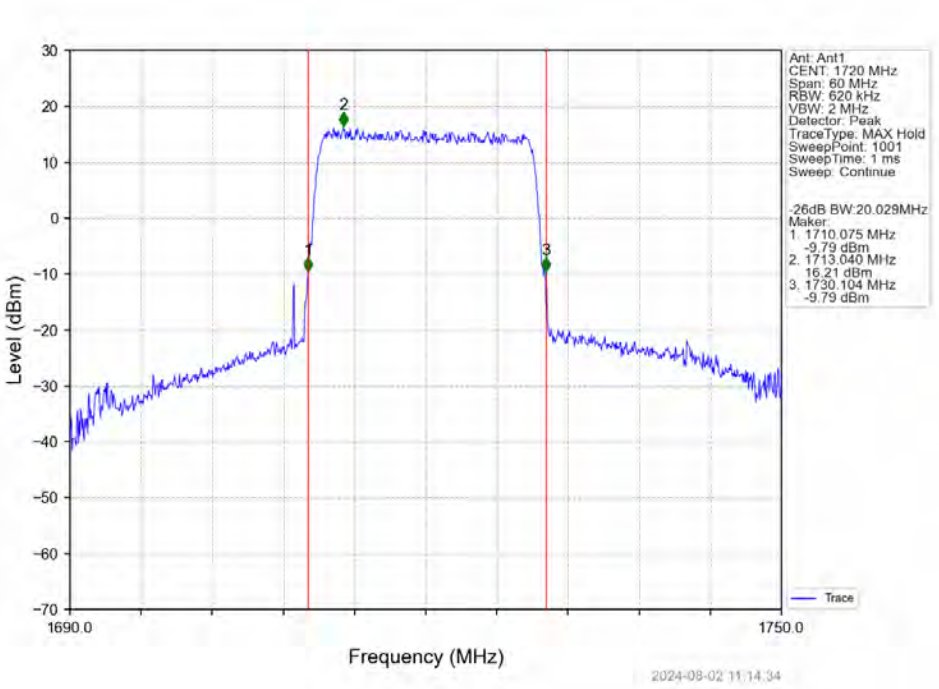
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



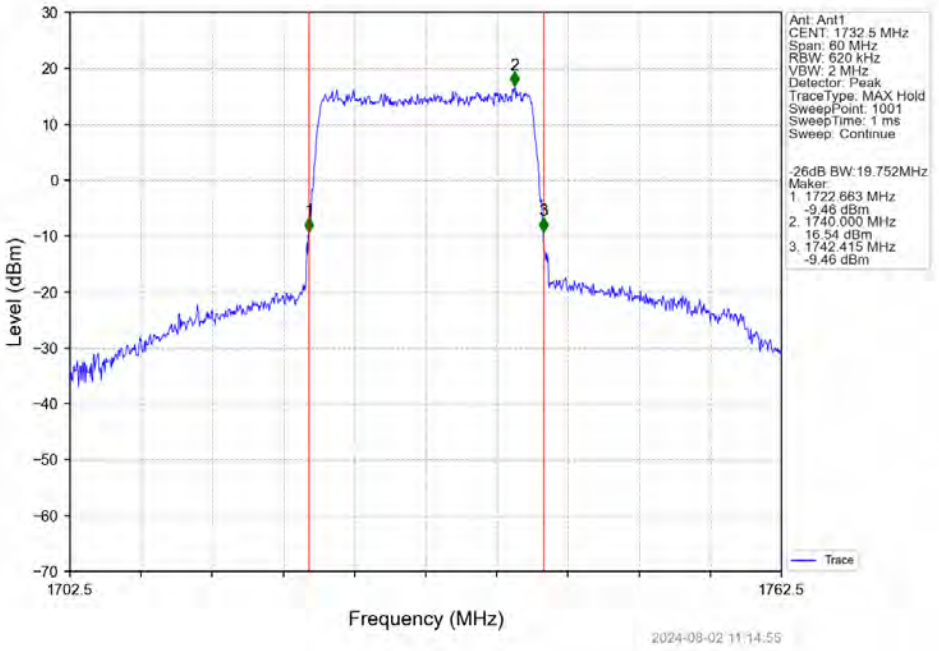
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



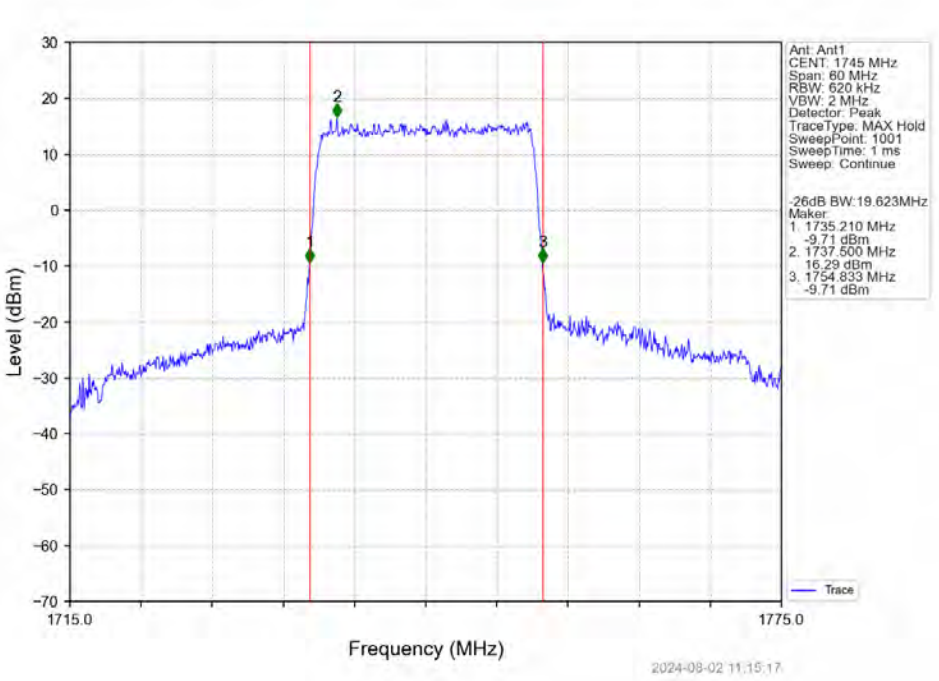
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



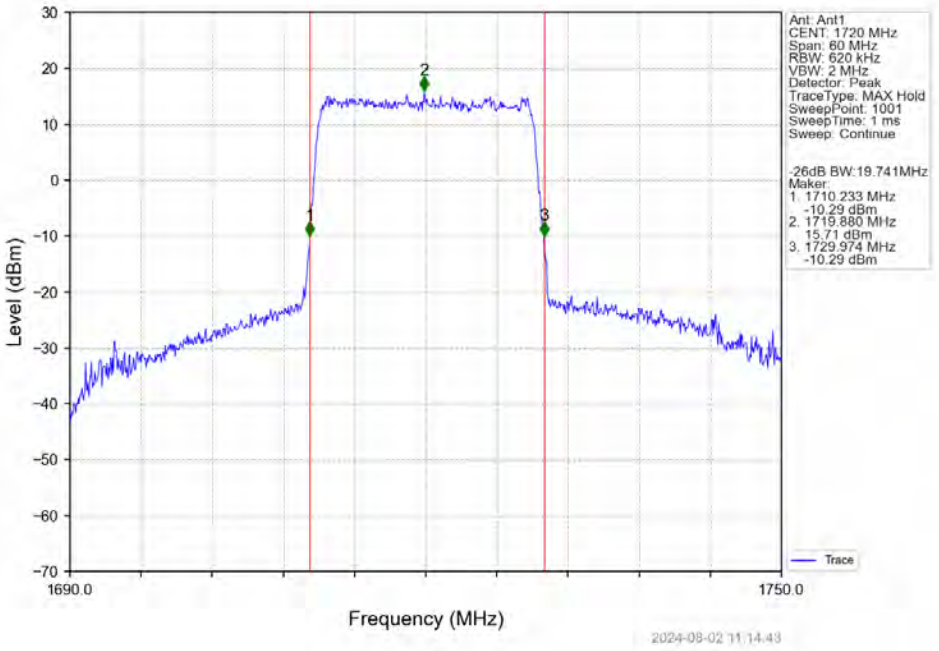
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



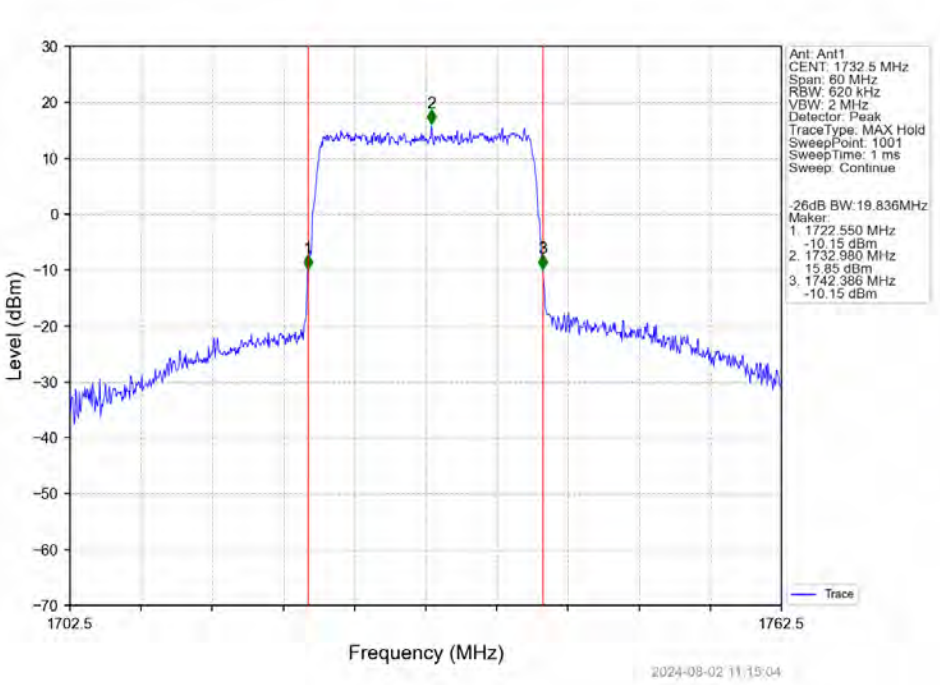
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



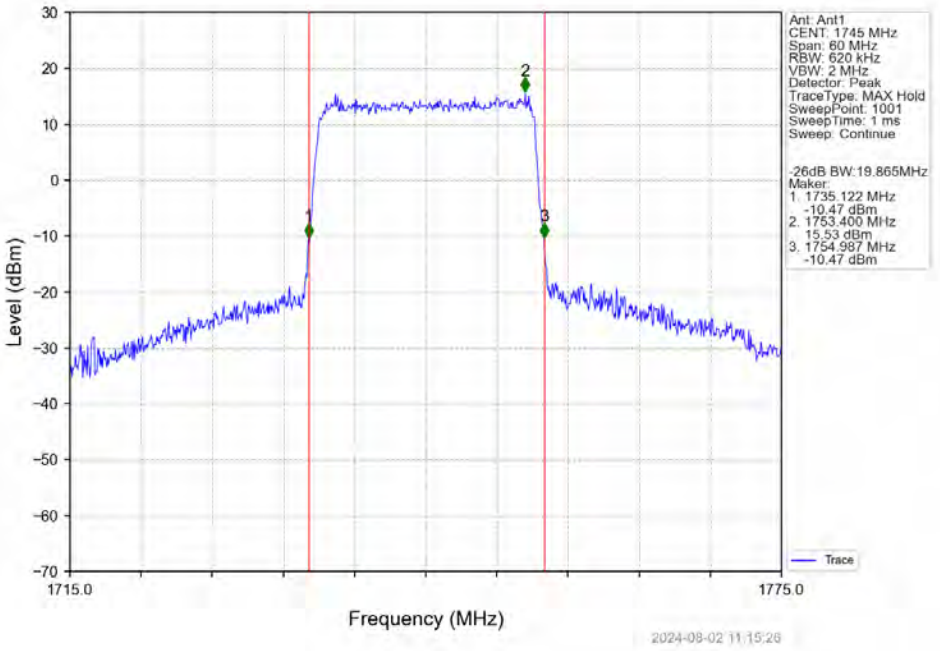
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.63	<=13	Pass
	1732.5	6	0	5.88	<=13	Pass
	1754.3	6	0	5.14	<=13	Pass
16QAM	1710.7	6	0	6.45	<=13	Pass
	1732.5	6	0	6.61	<=13	Pass
	1754.3	6	0	5.96	<=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	5.73	<=13	Pass
	1732.5	15	0	5.88	<=13	Pass
	1753.5	15	0	5.23	<=13	Pass
16QAM	1711.5	15	0	6.52	<=13	Pass
	1732.5	15	0	6.72	<=13	Pass
	1753.5	15	0	6.04	<=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	5.81	<=13	Pass
	1732.5	25	0	5.99	<=13	Pass
	1752.5	25	0	5.45	<=13	Pass
16QAM	1712.5	25	0	6.55	<=13	Pass
	1732.5	25	0	6.67	<=13	Pass
	1752.5	25	0	6.14	<=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	5.81	<=13	Pass
	1732.5	50	0	5.91	<=13	Pass
	1750	50	0	5.46	<=13	Pass
16QAM	1715	50	0	6.58	<=13	Pass
	1732.5	50	0	6.69	<=13	Pass

	1750	50	0	6.19	<=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	6.23	<=13	Pass
	1732.5	75	0	6.29	<=13	Pass
	1747.5	75	0	5.73	<=13	Pass
16QAM	1717.5	75	0	6.73	<=13	Pass
	1732.5	75	0	6.81	<=13	Pass
	1747.5	75	0	6.32	<=13	Pass

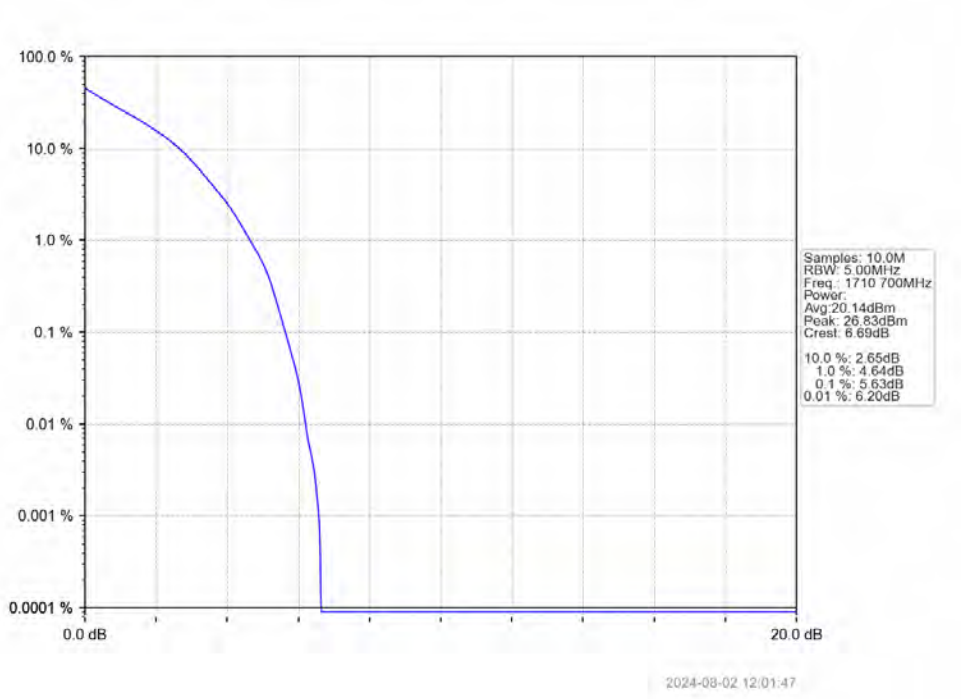
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.98	<=13	Pass
	1732.5	100	0	5.96	<=13	Pass
	1745	100	0	5.65	<=13	Pass
16QAM	1720	100	0	6.67	<=13	Pass
	1732.5	100	0	6.69	<=13	Pass
	1745	100	0	6.40	<=13	Pass

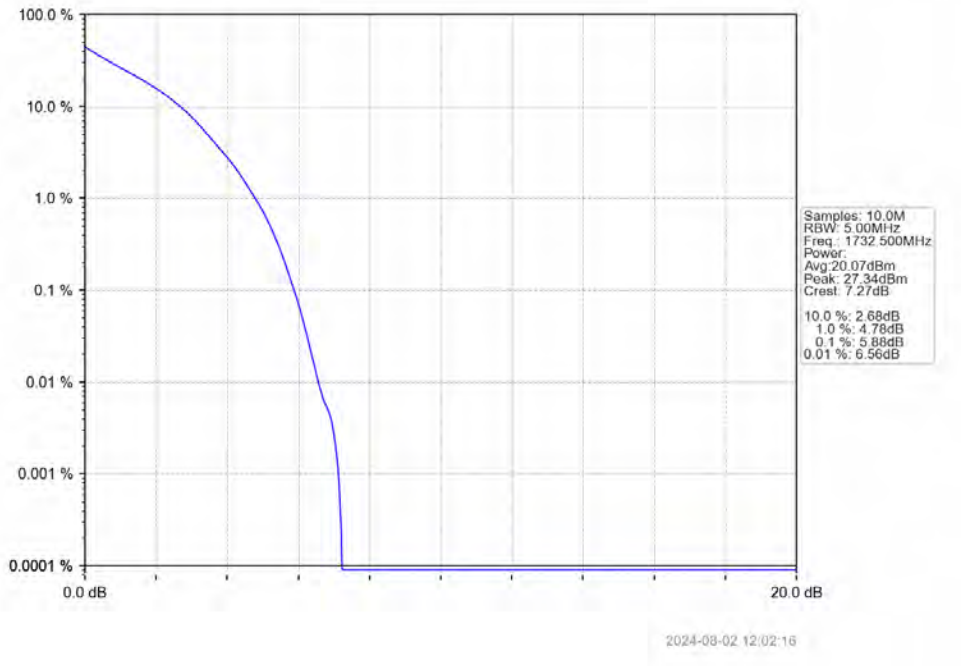
5.2 Test Graph

5.2.1 B4_1.4MHz

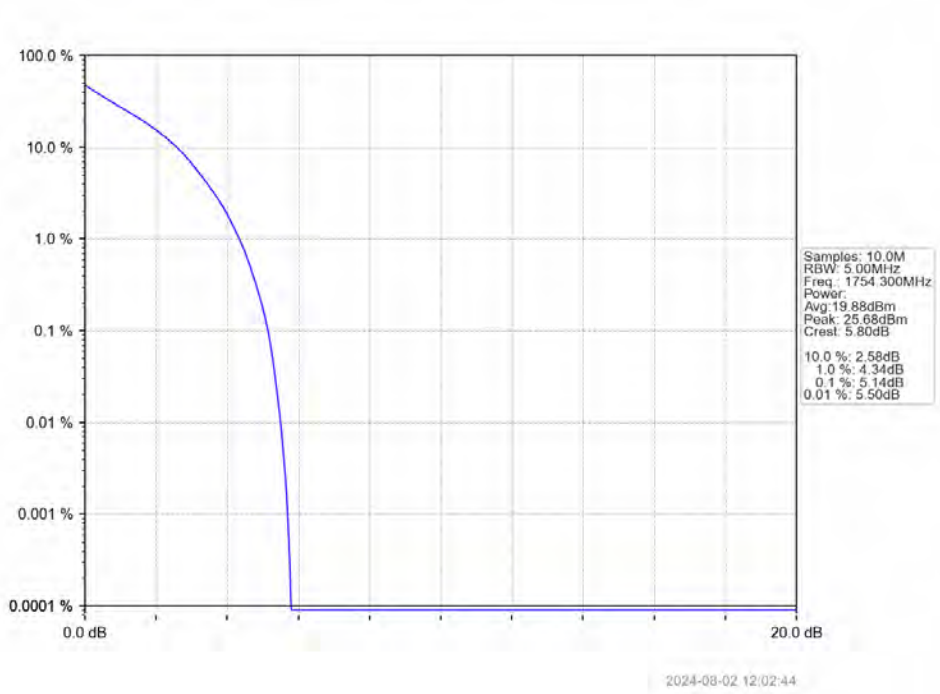
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



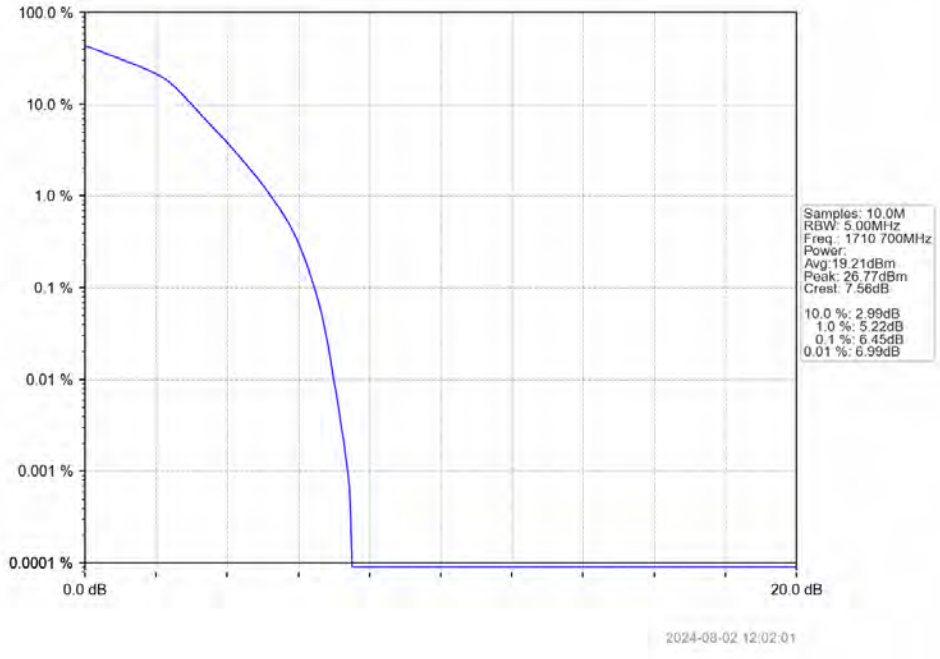
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



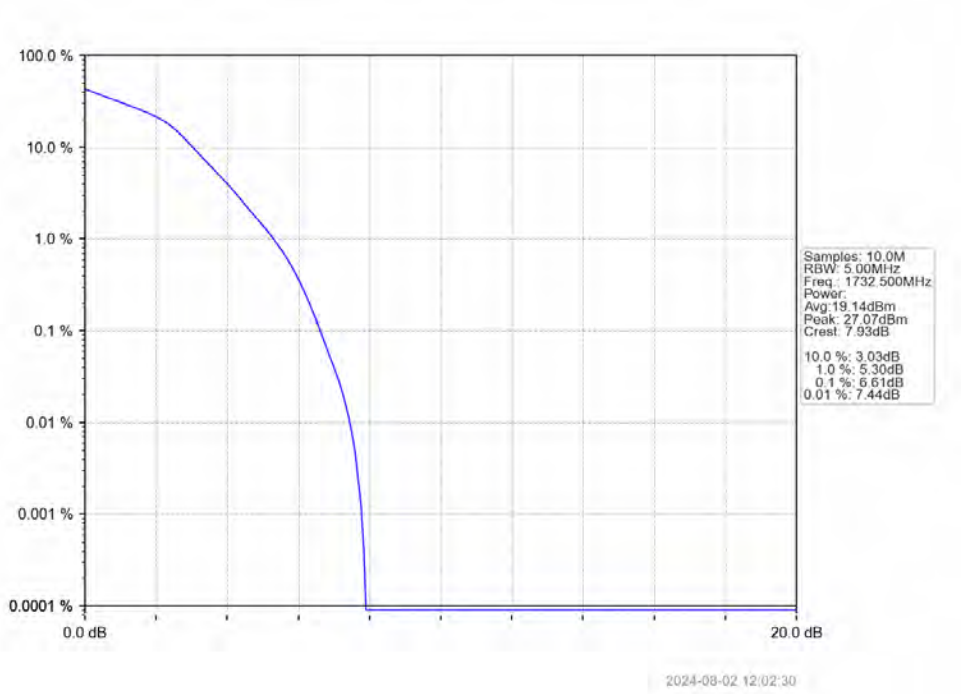
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



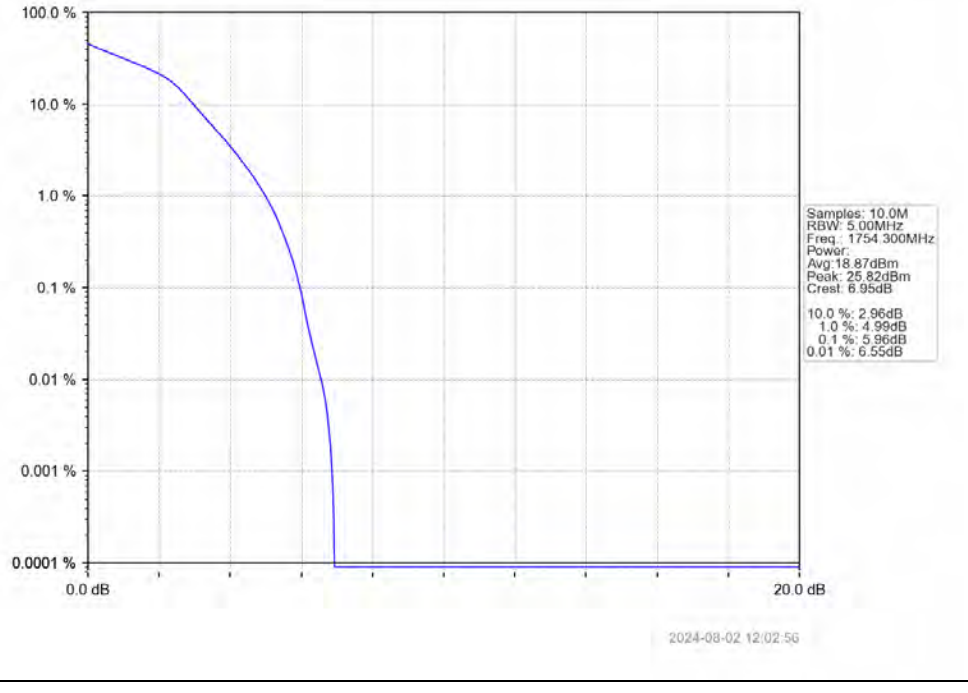
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



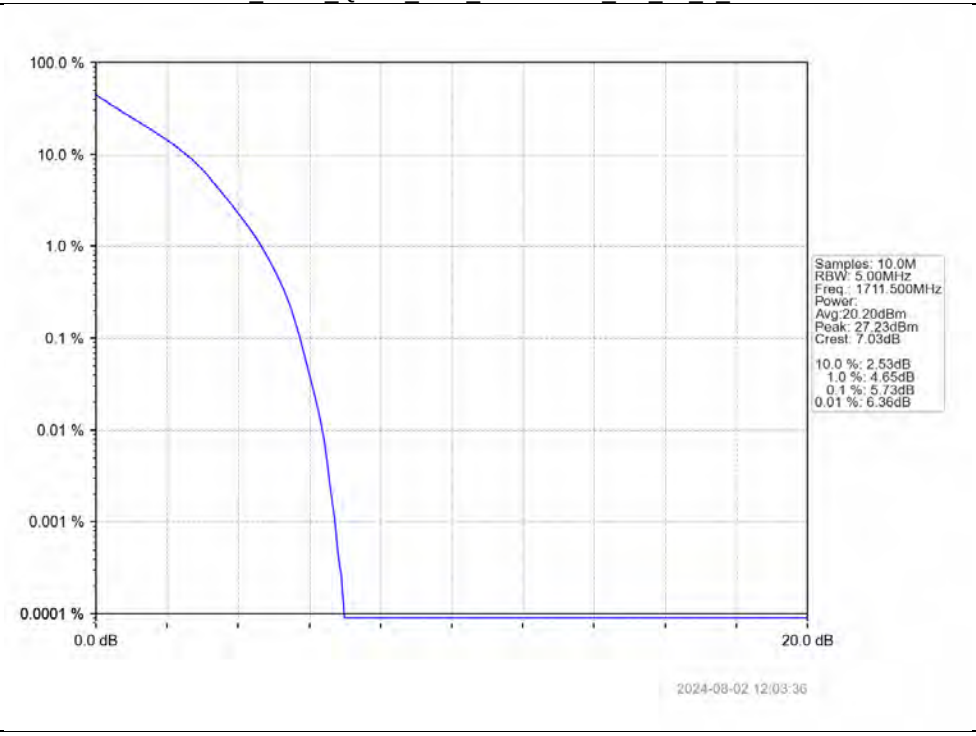
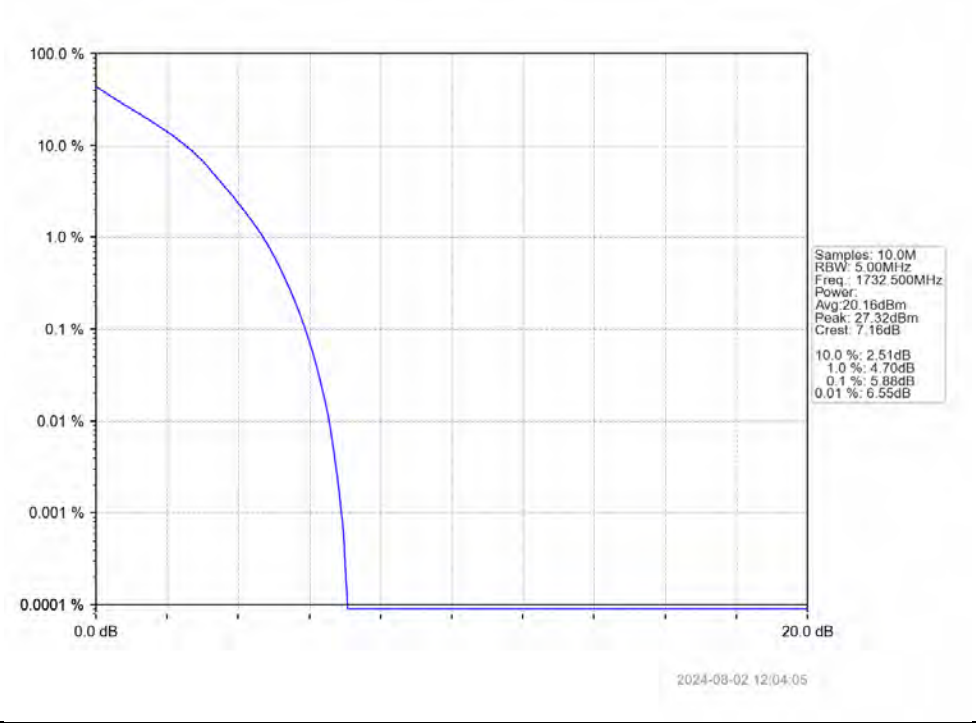
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



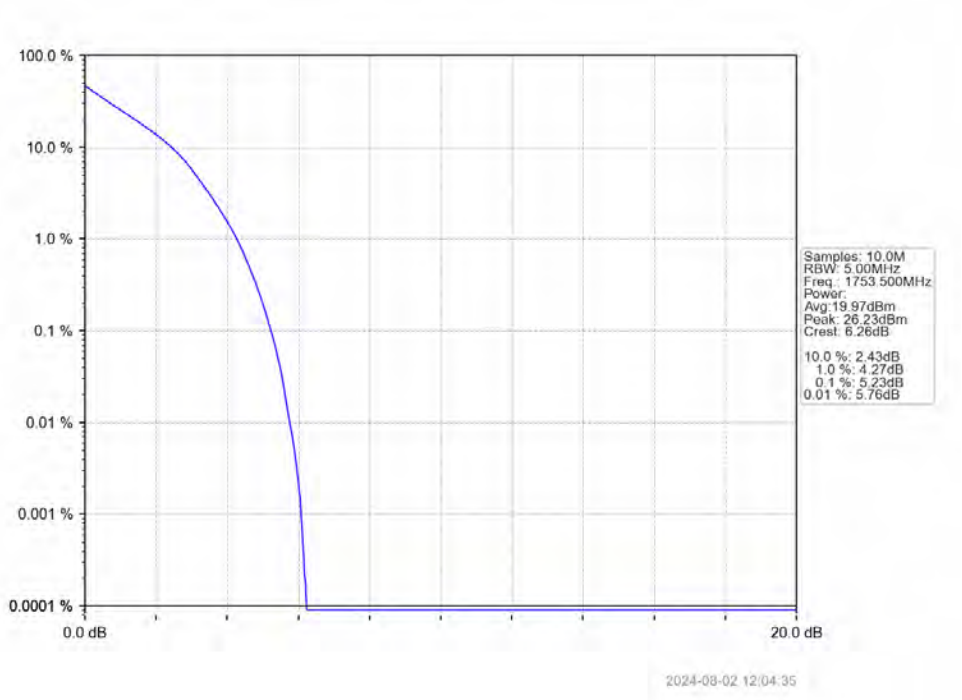
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



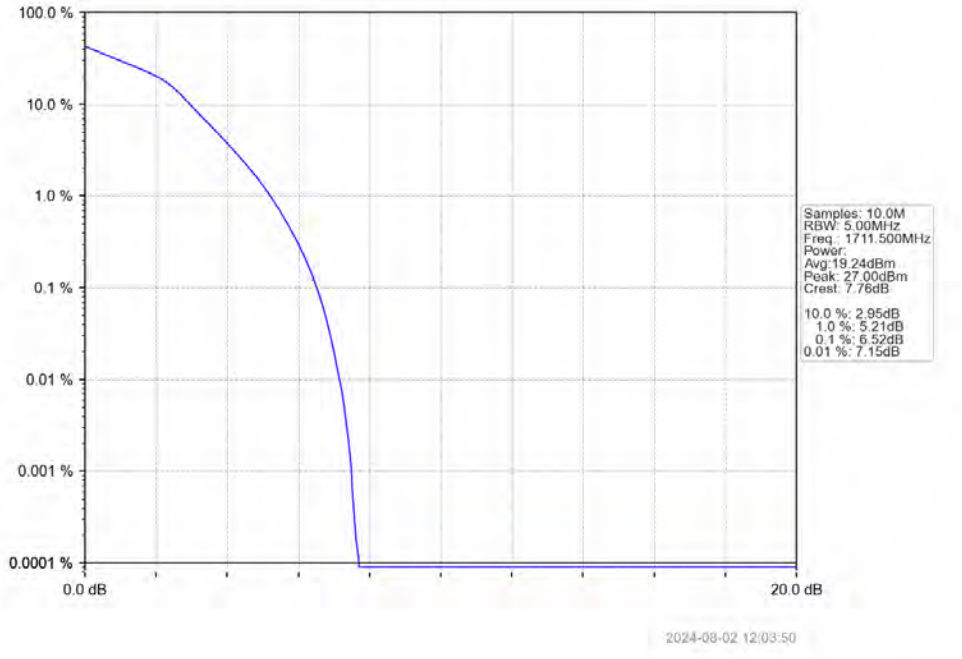
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


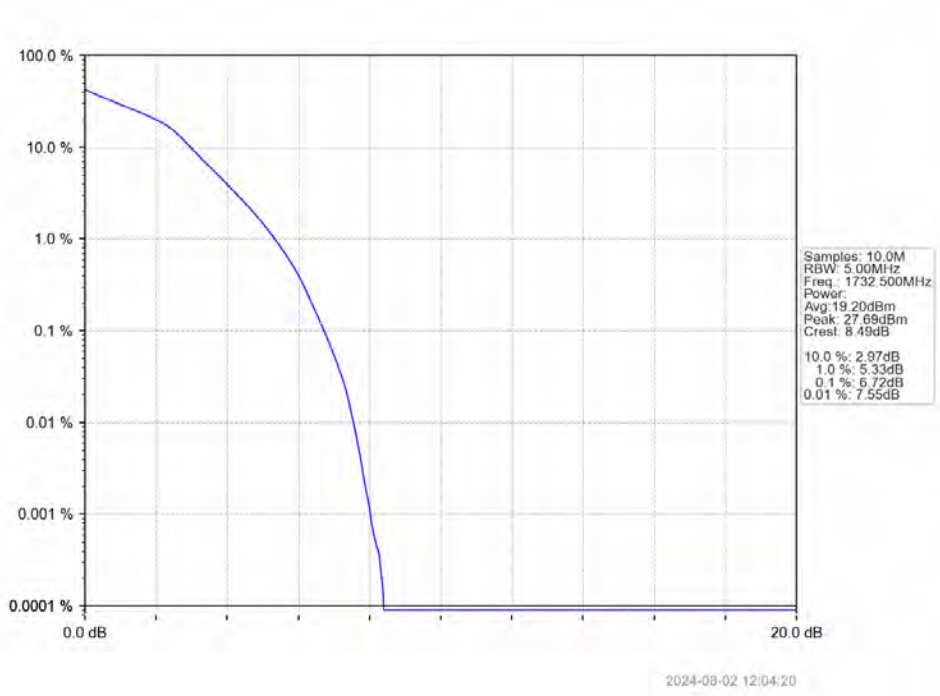
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



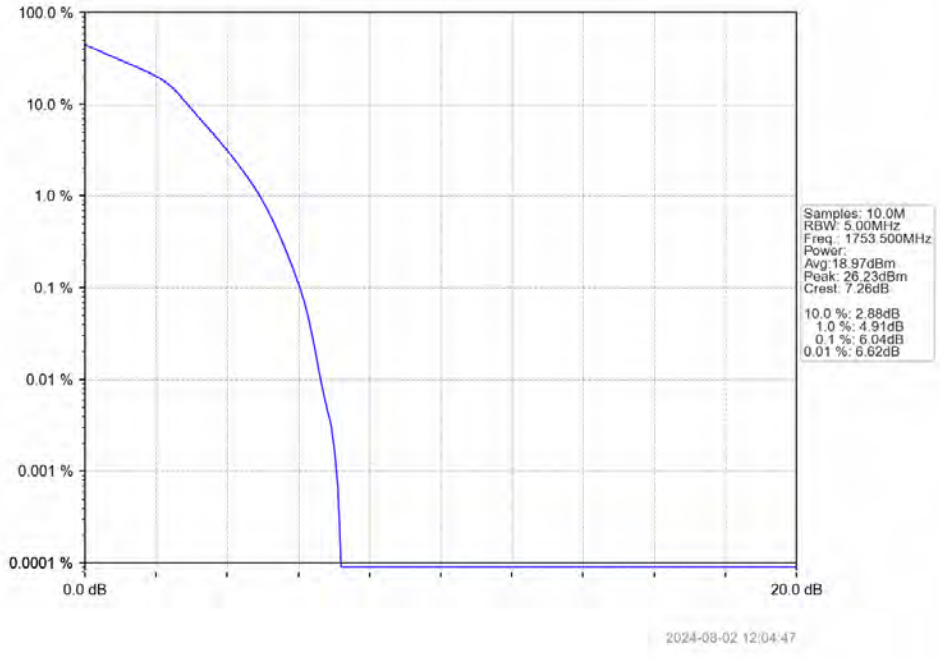
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



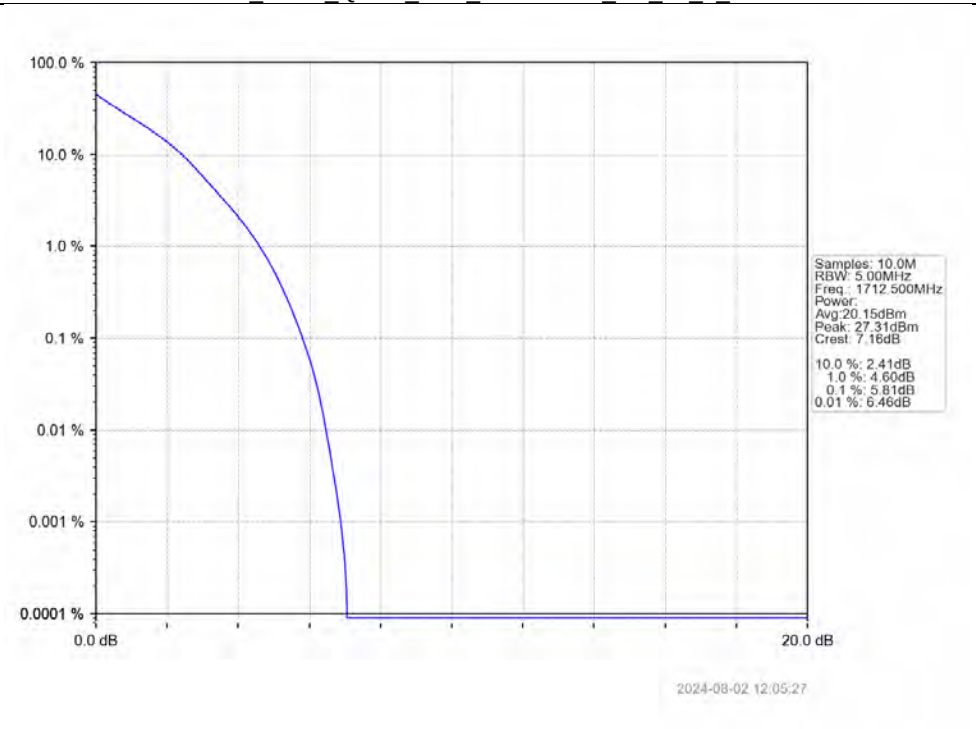
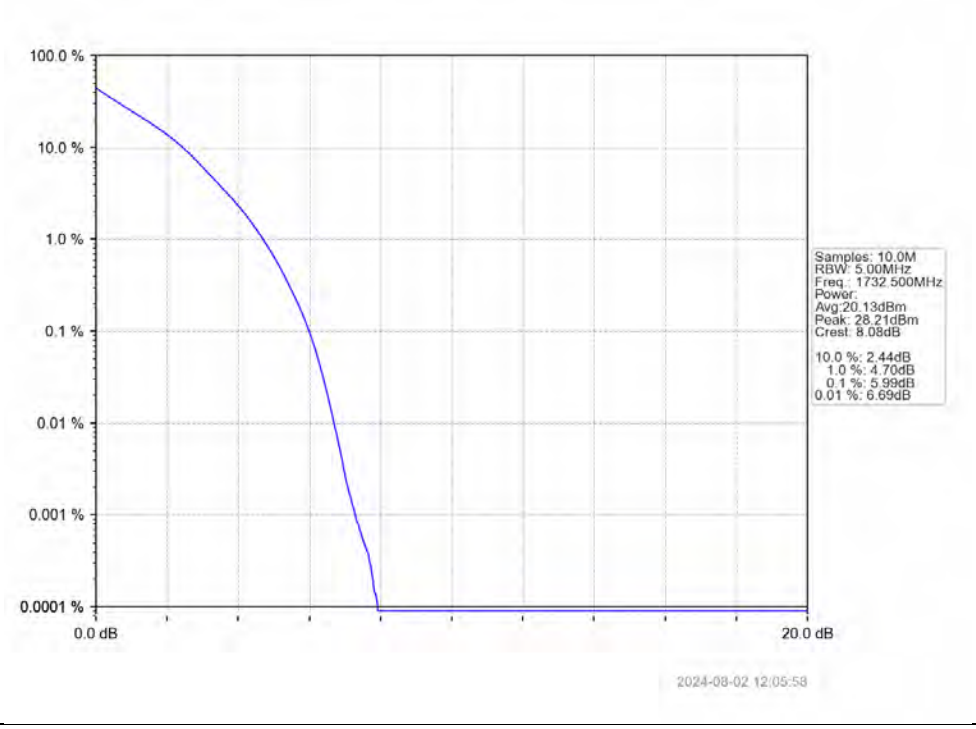
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



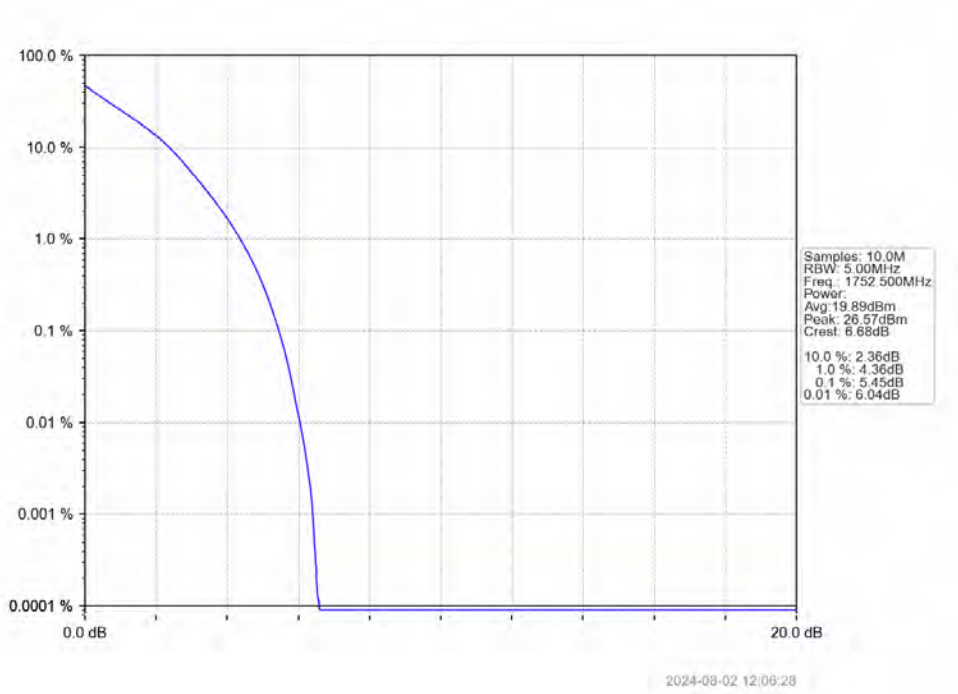
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



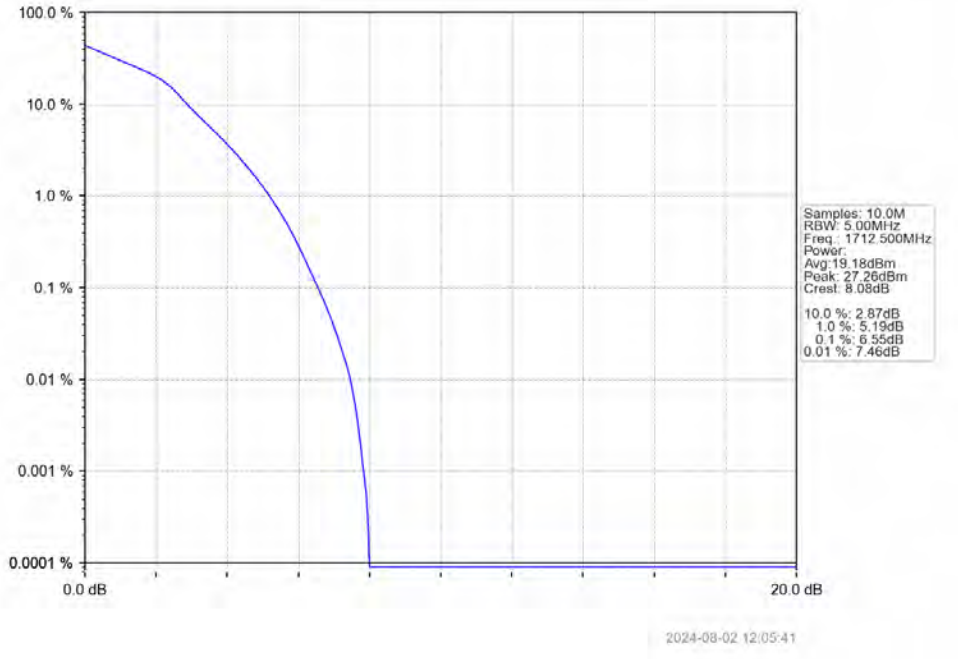
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV


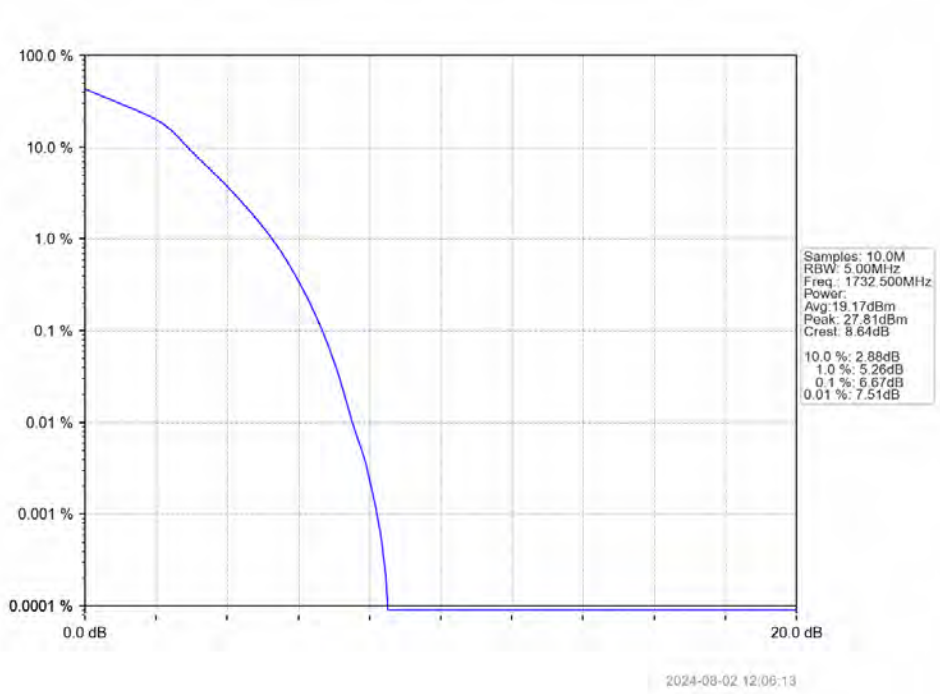
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



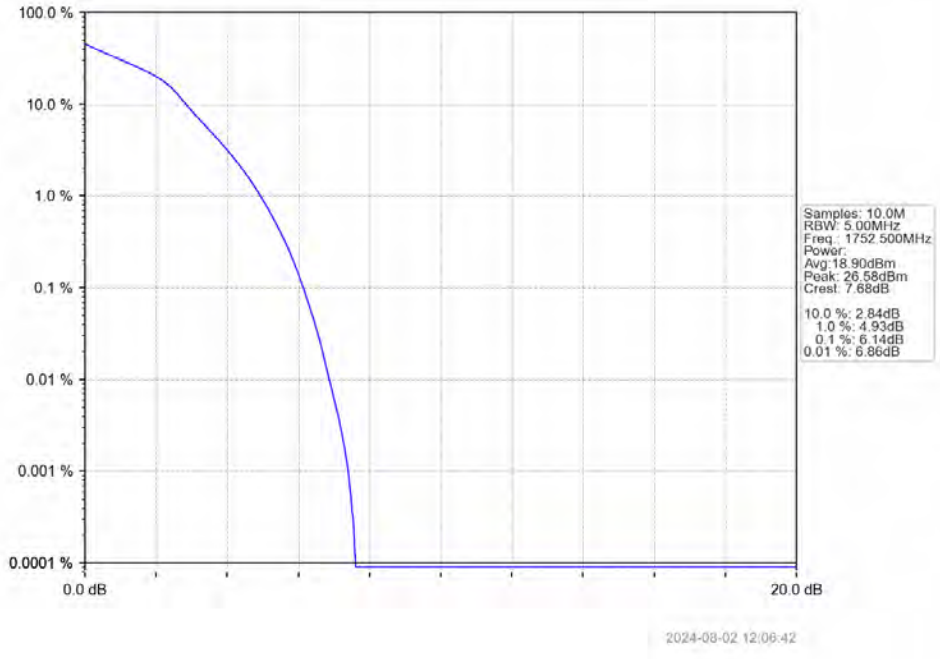
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



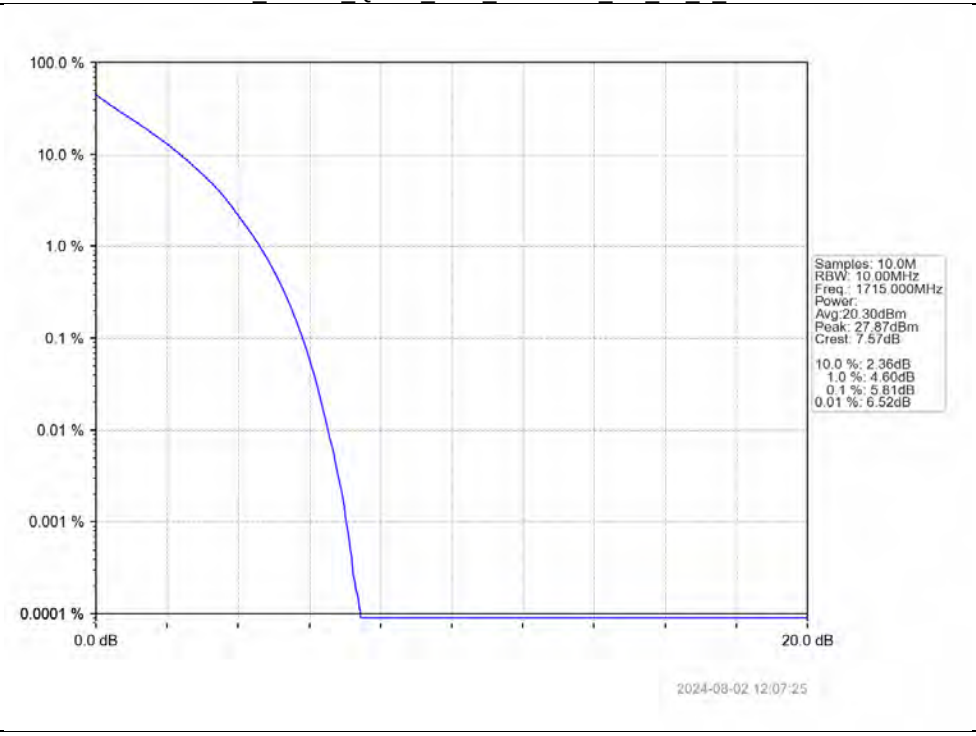
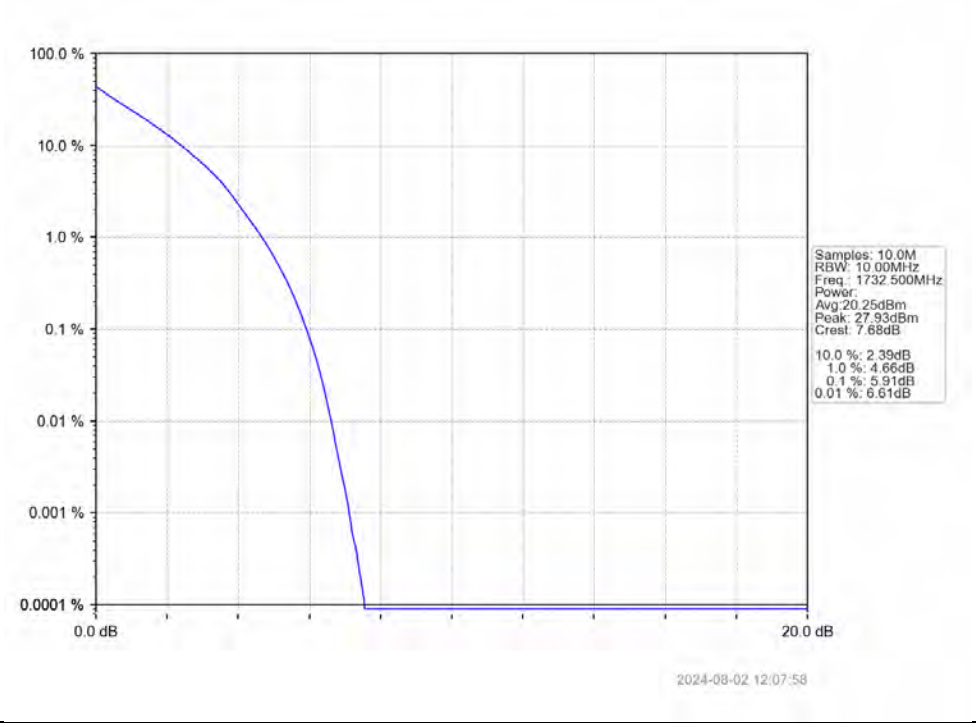
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



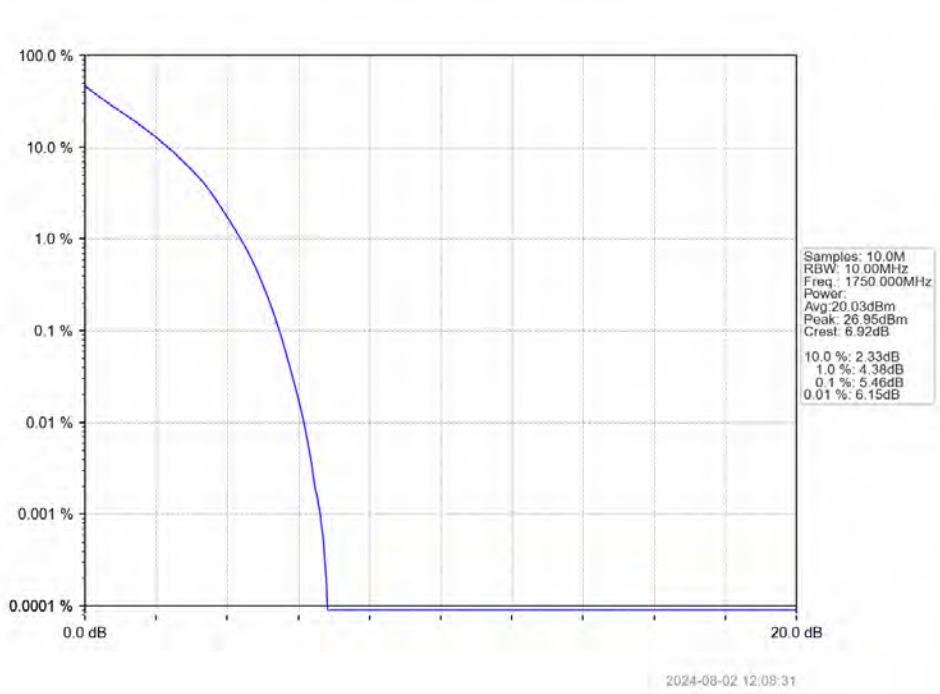
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



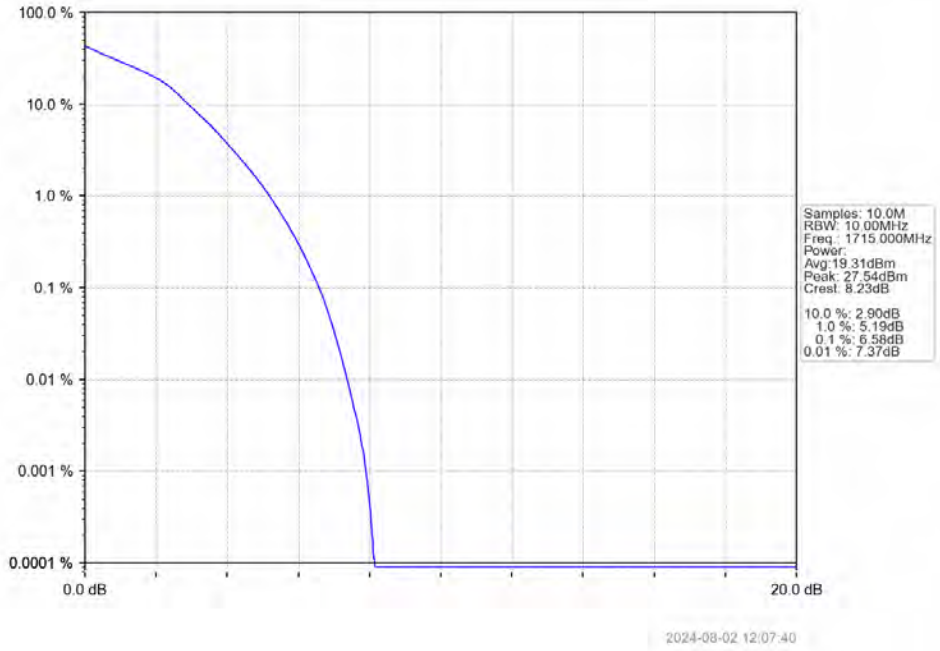
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV


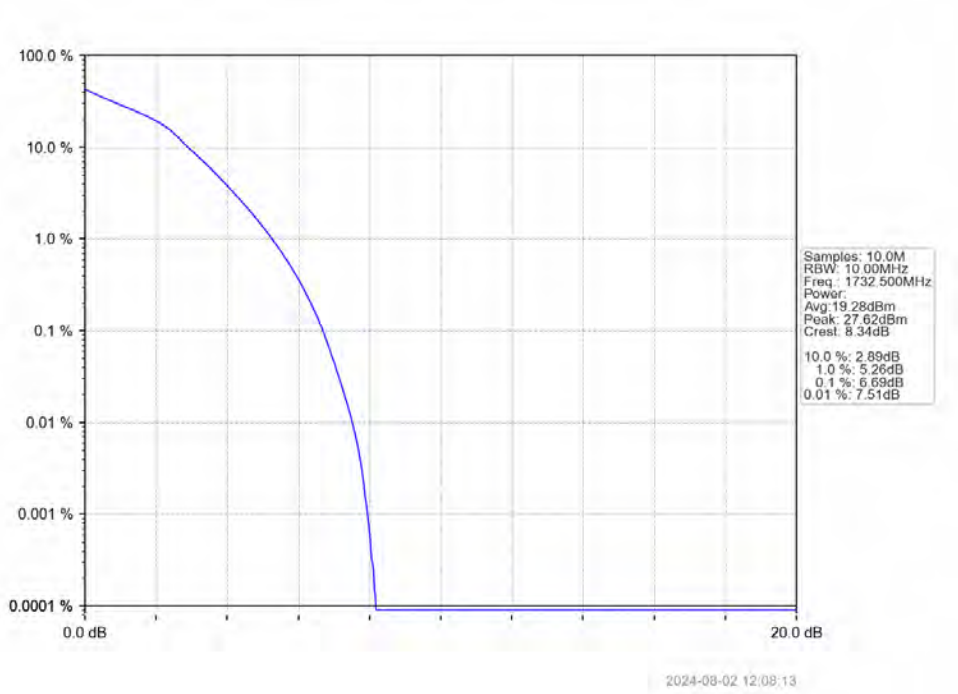
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



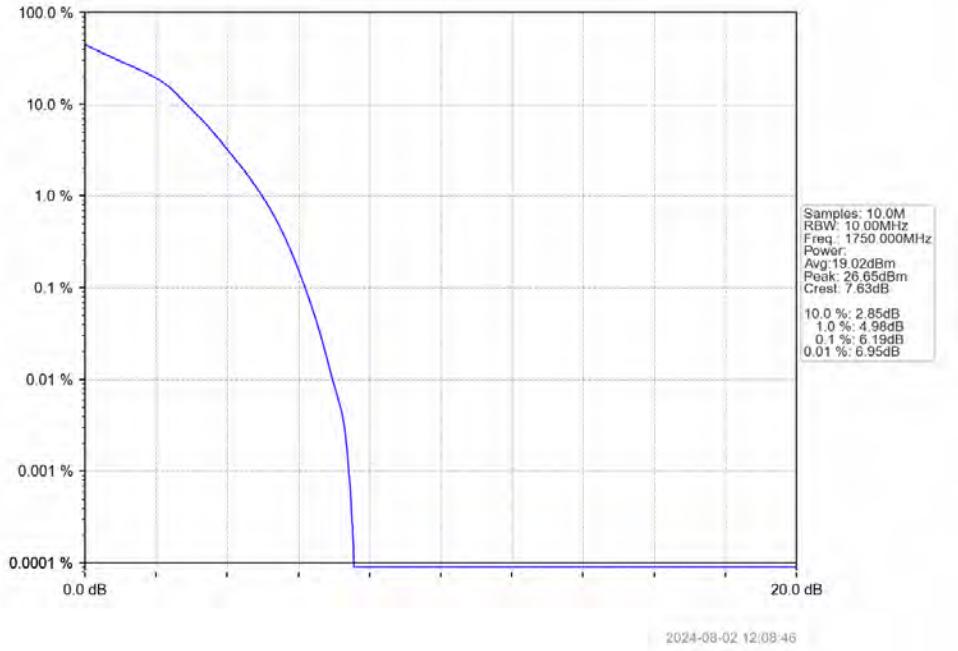
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



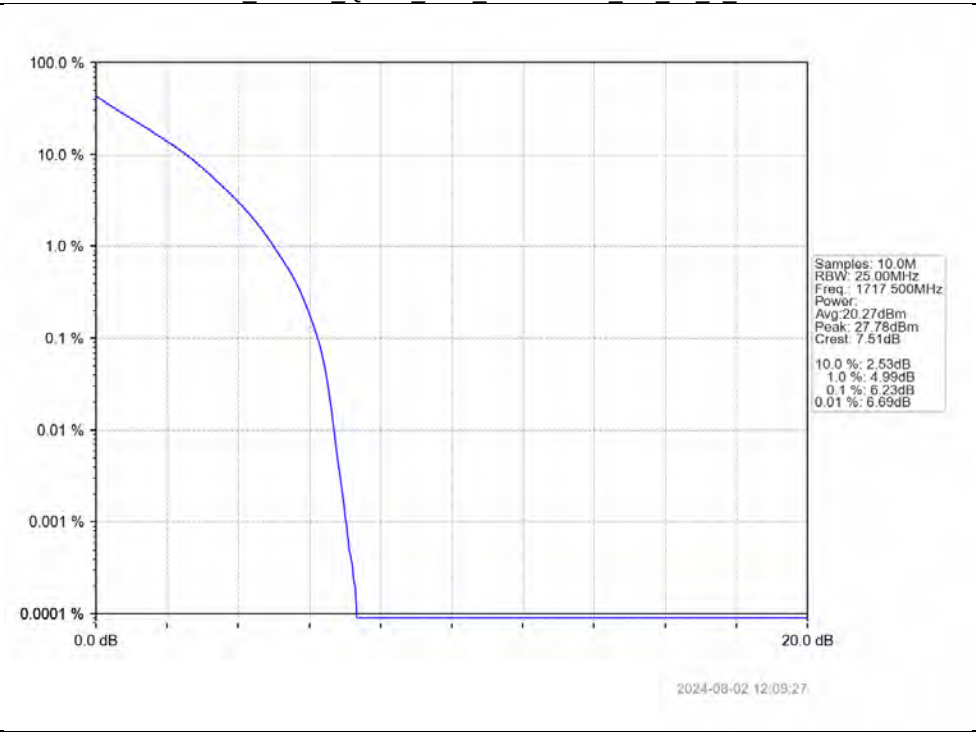
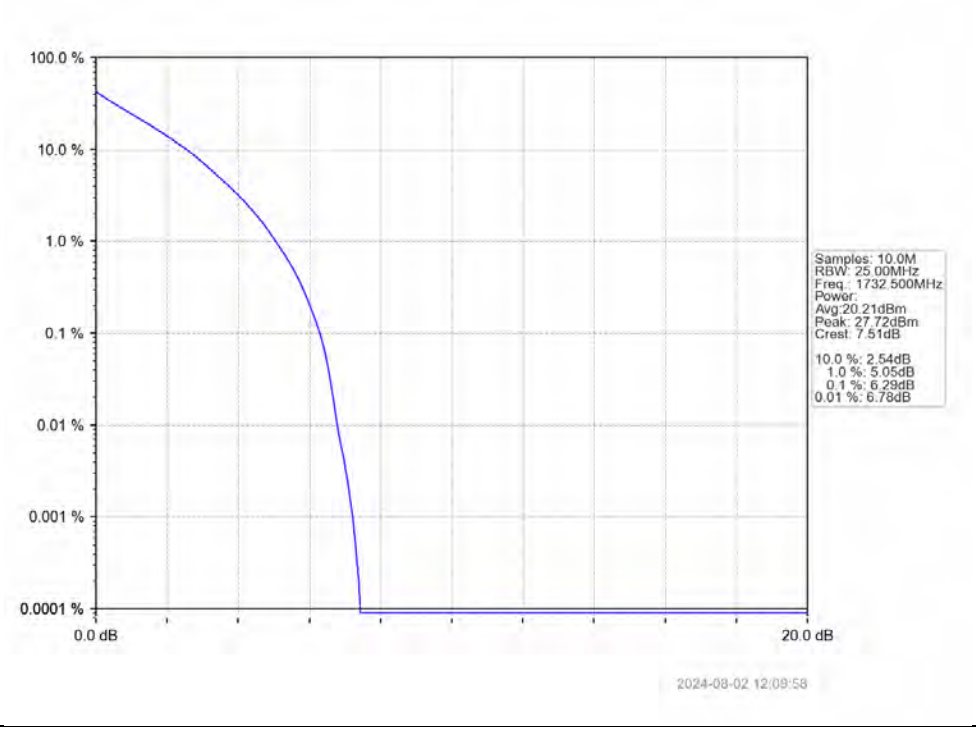
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



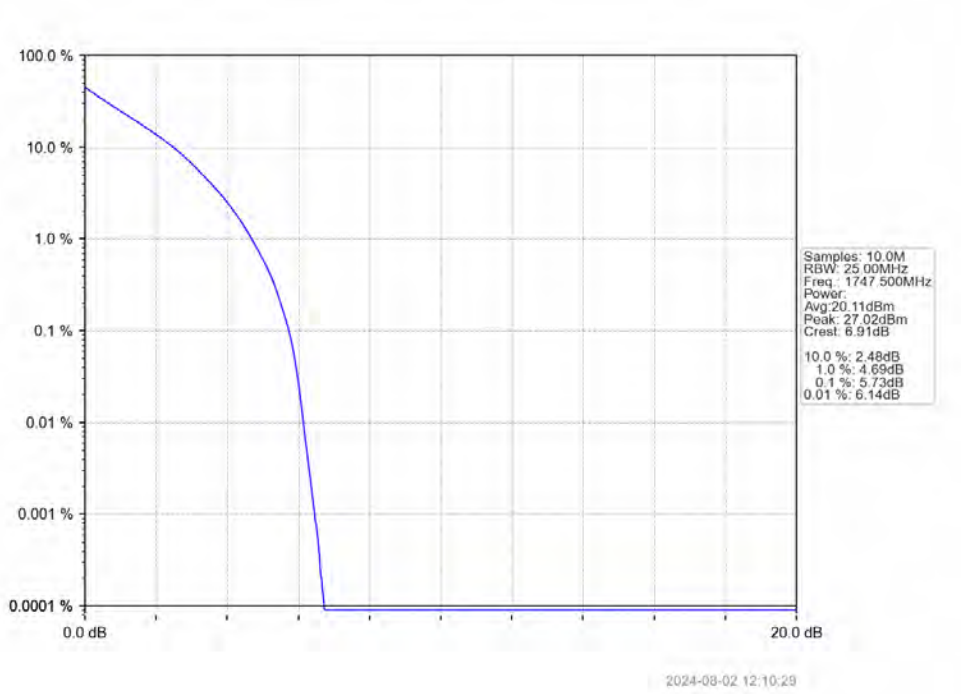
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



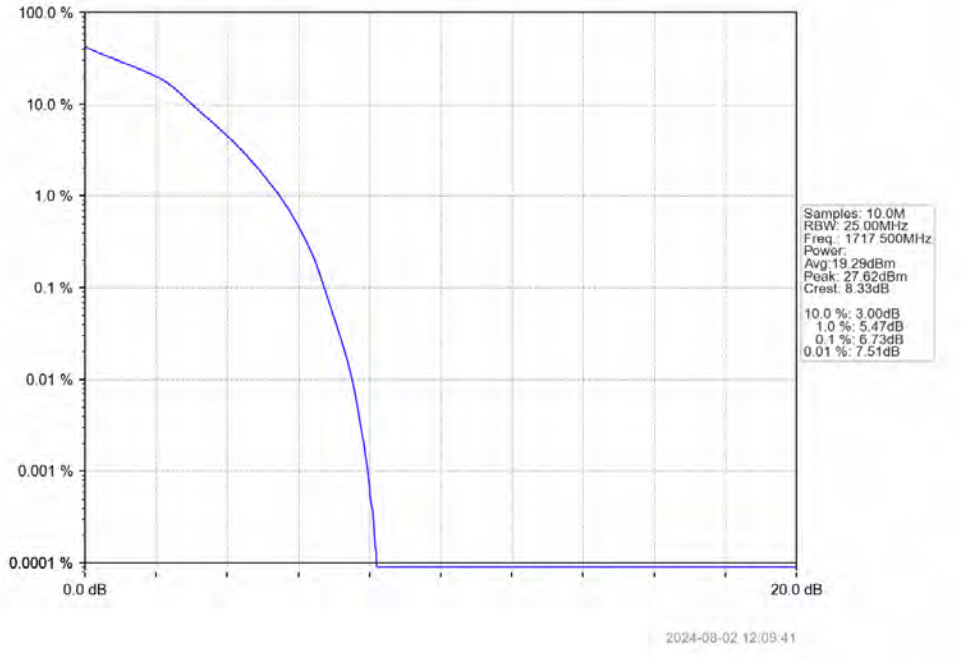
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV


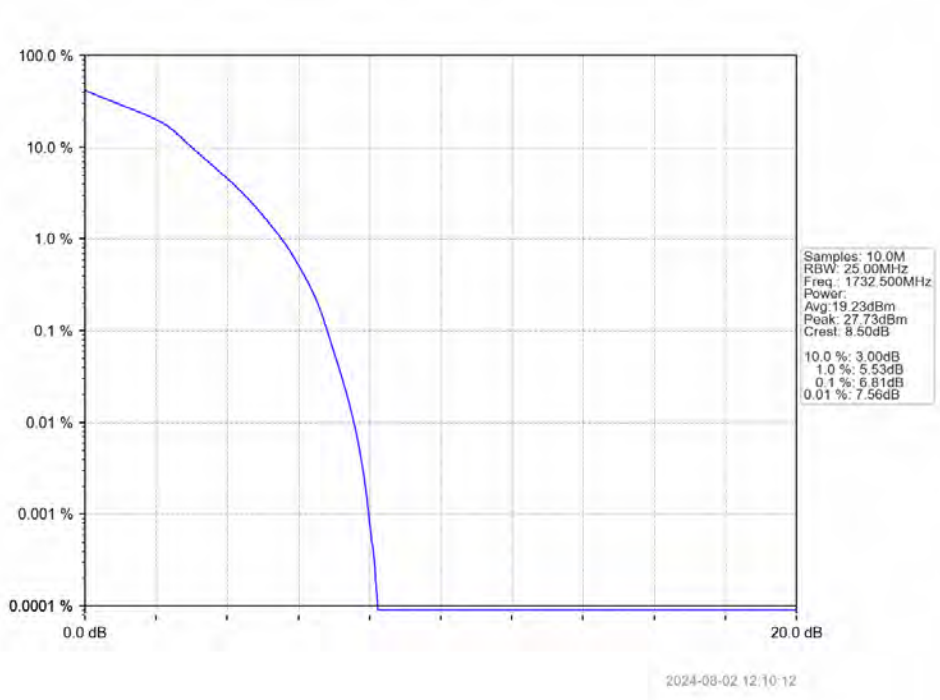
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



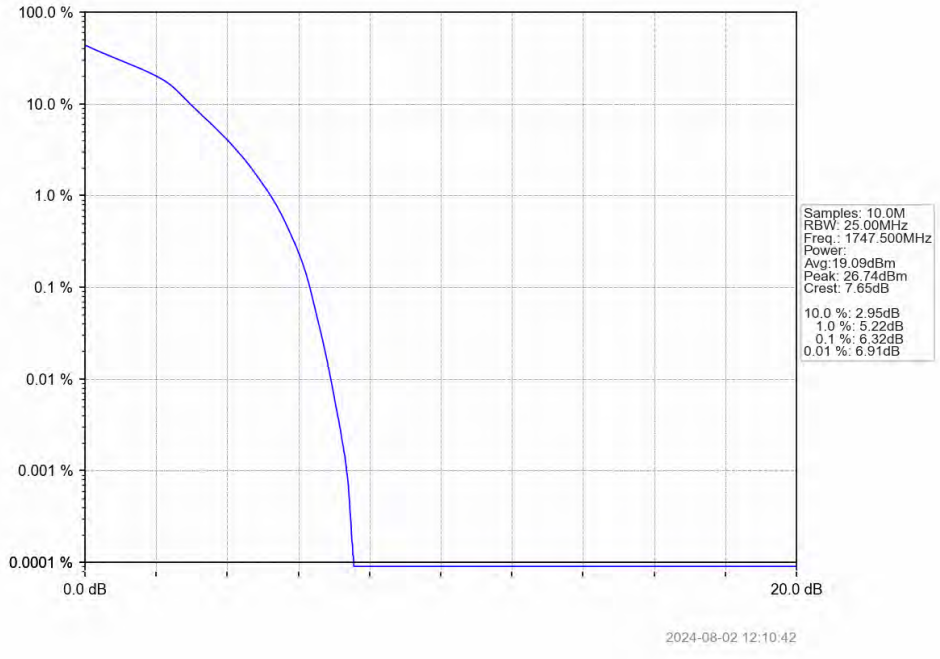
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



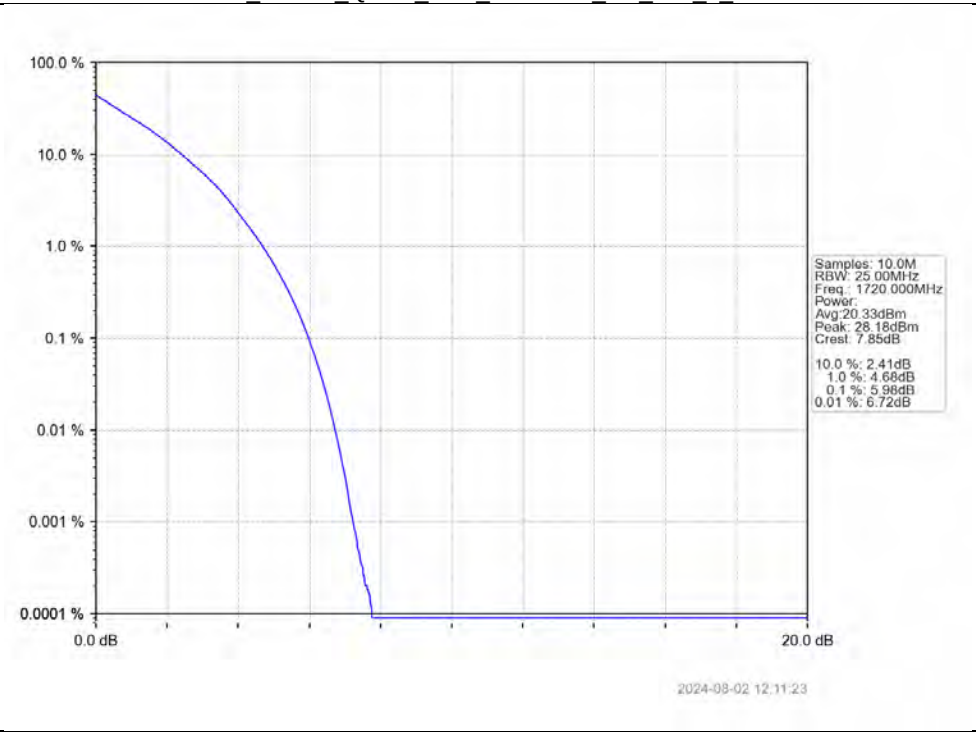
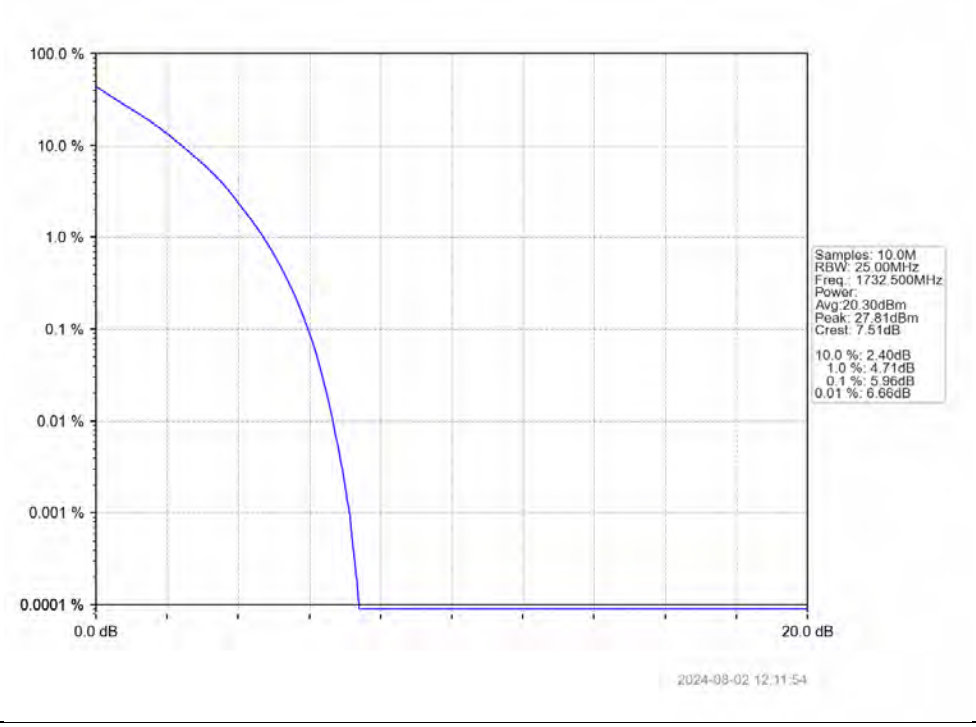
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



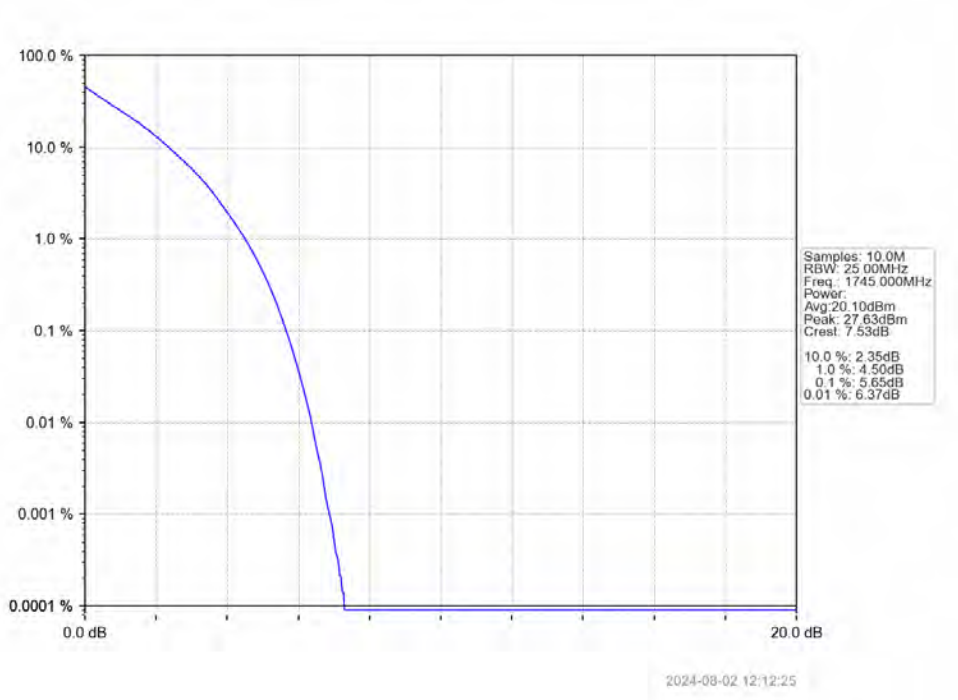
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



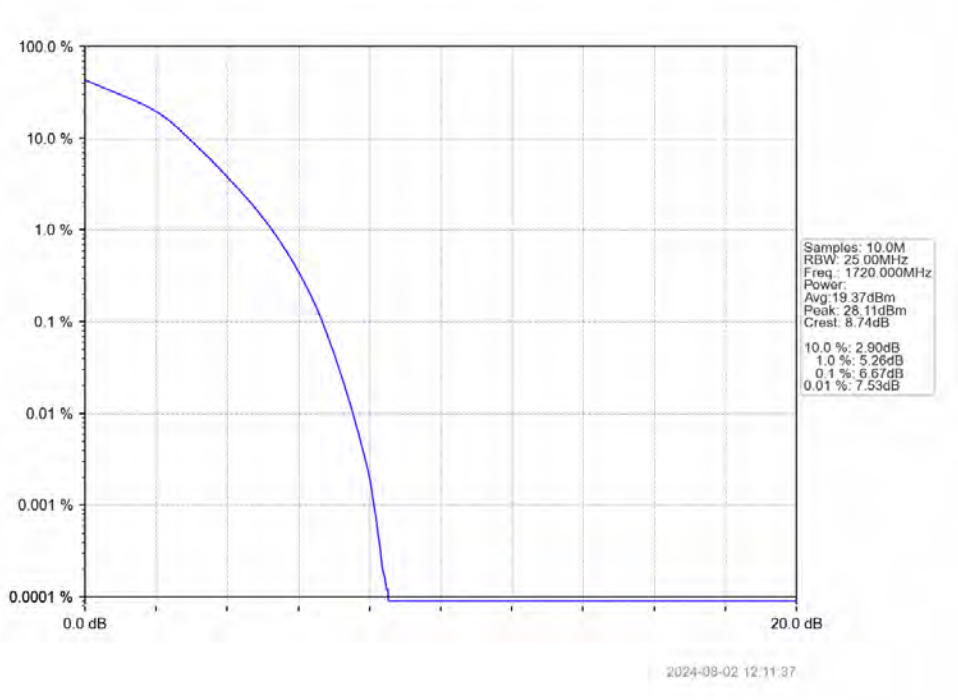
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV


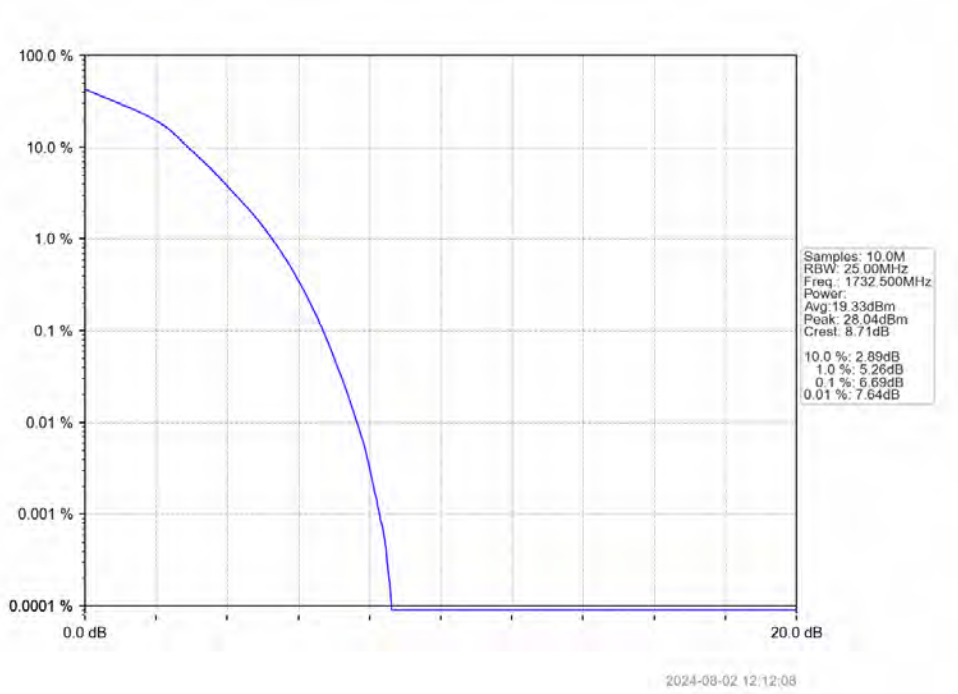
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



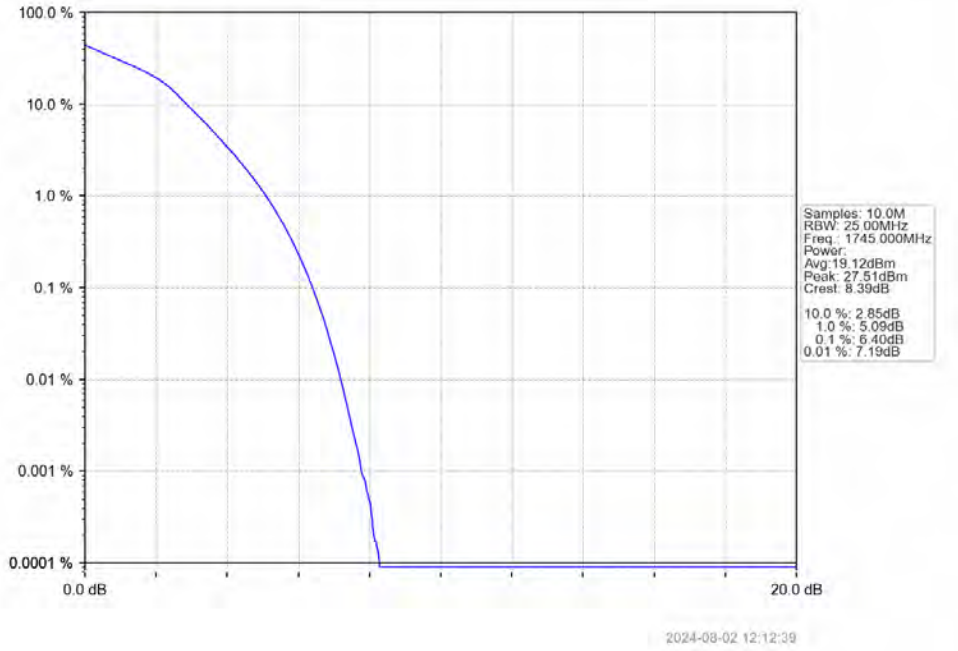
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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

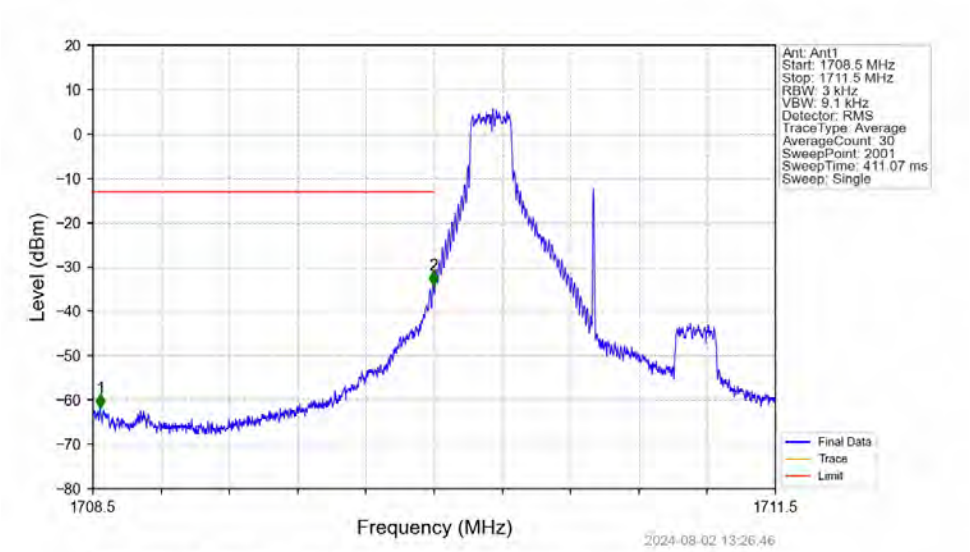
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

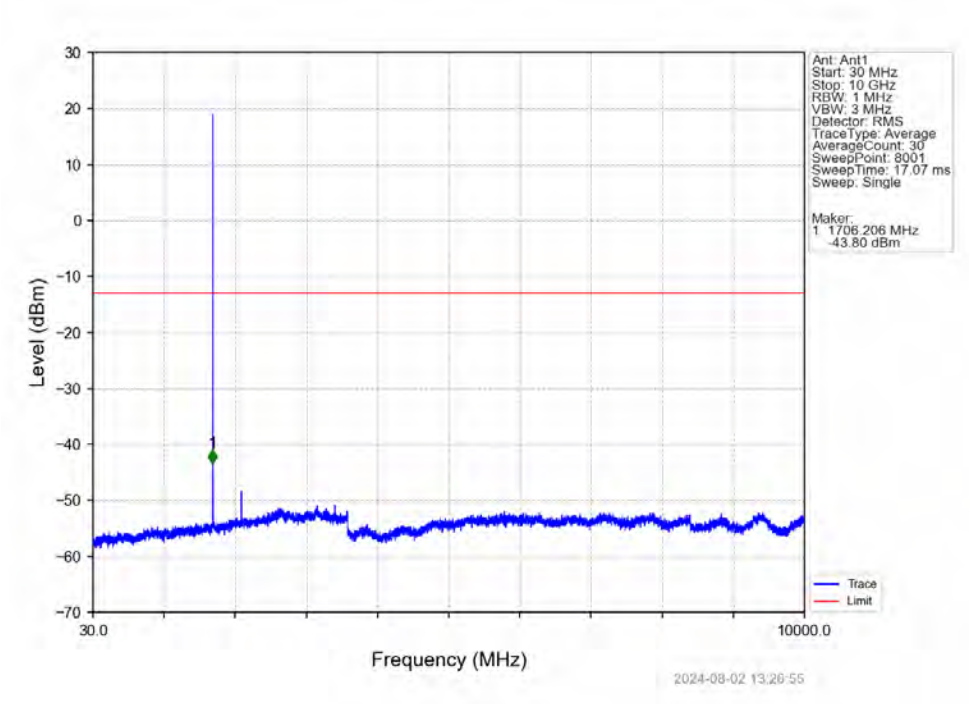
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

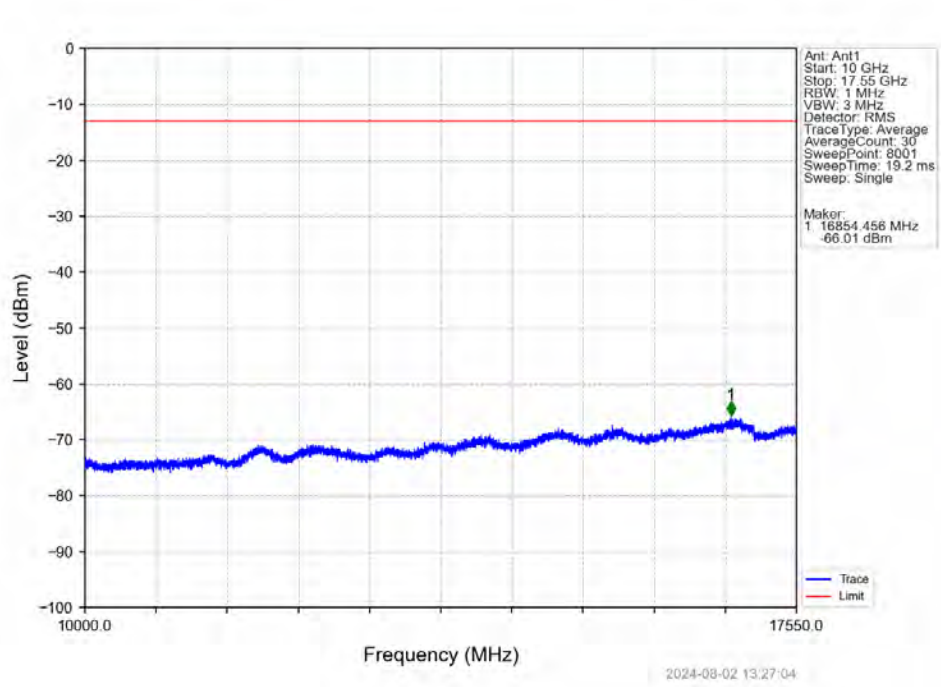


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.533	-61.75	-13	Pass
1709	1710	0.003	/	2	1709.995	-33.96	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

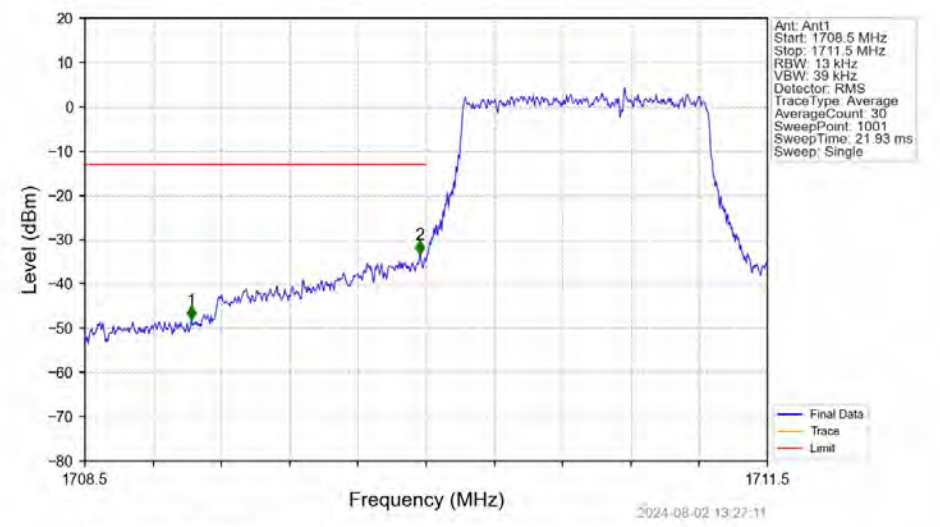
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

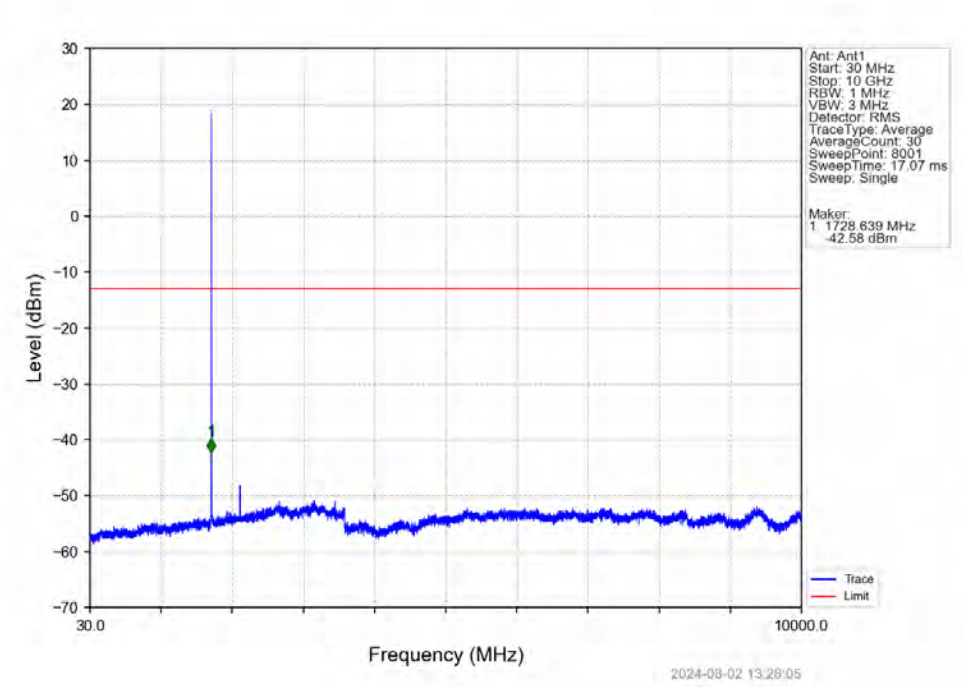


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

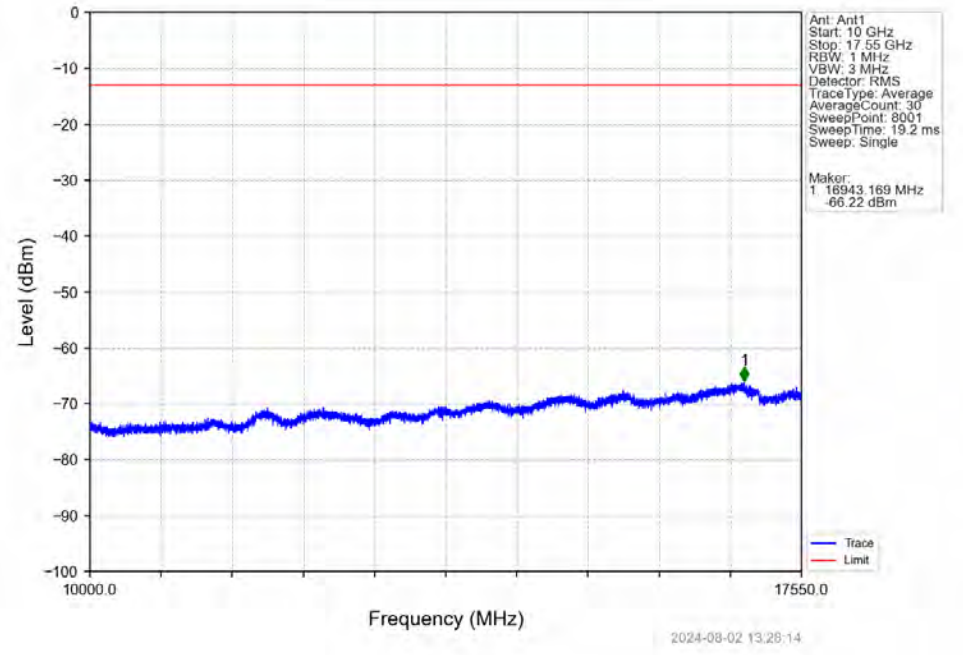


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.968	-48.14	-13	Pass
1709	1710	0.013	/	2	1709.973	-33.36	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

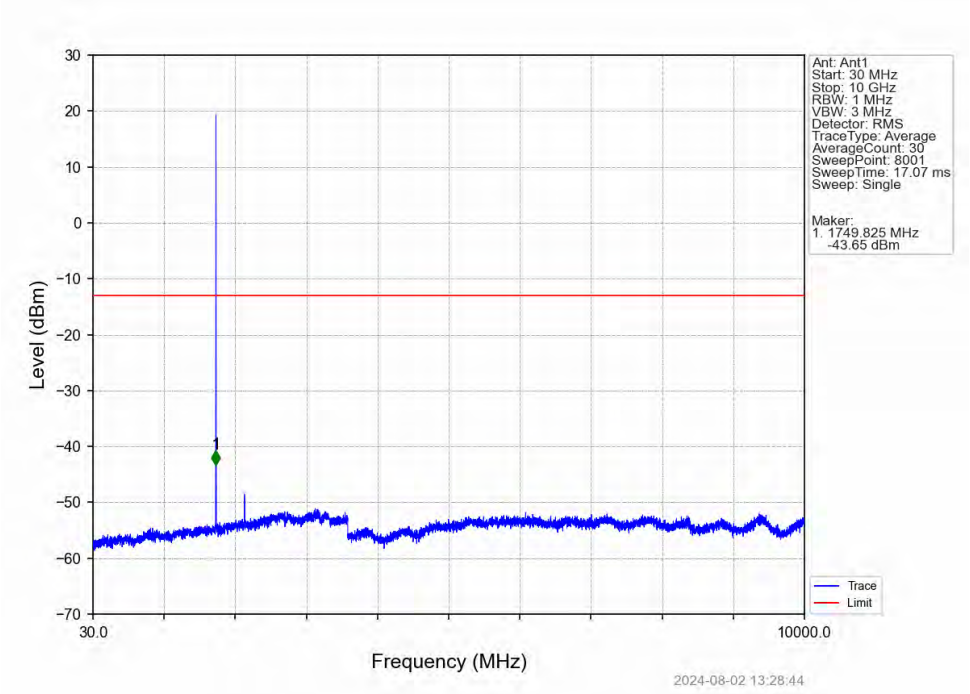
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



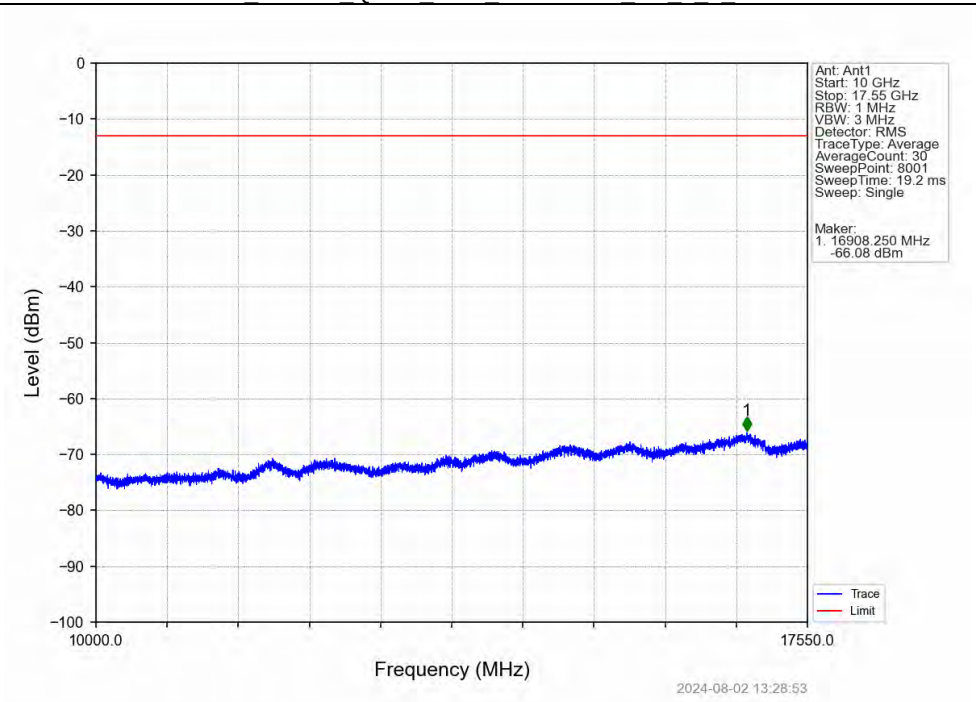
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



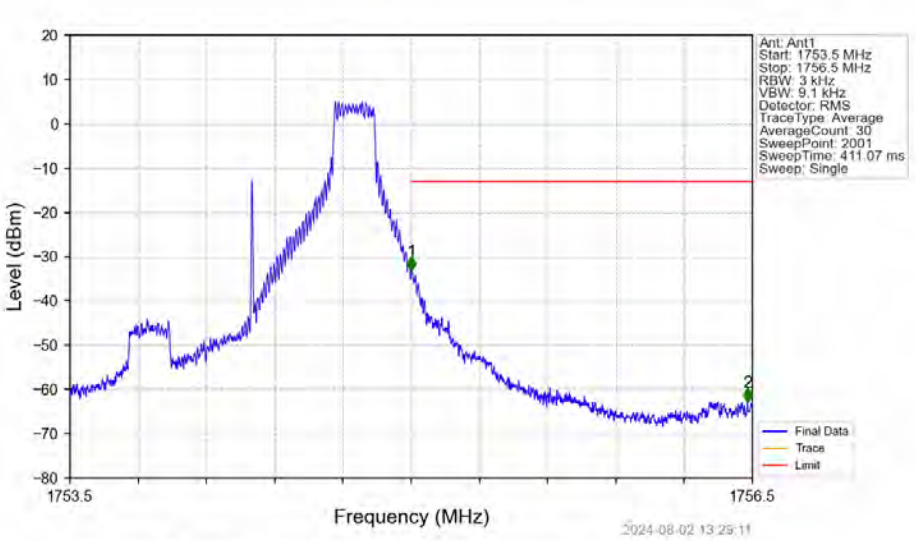
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

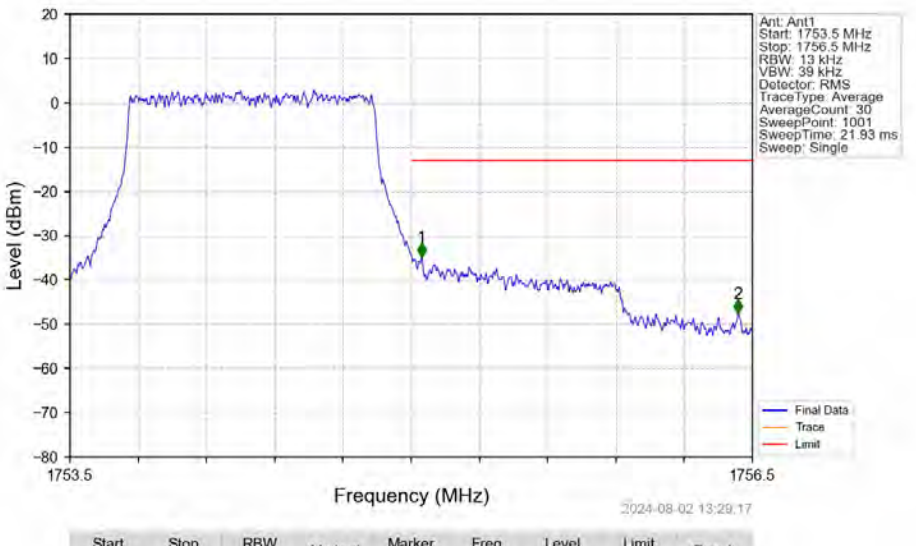


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



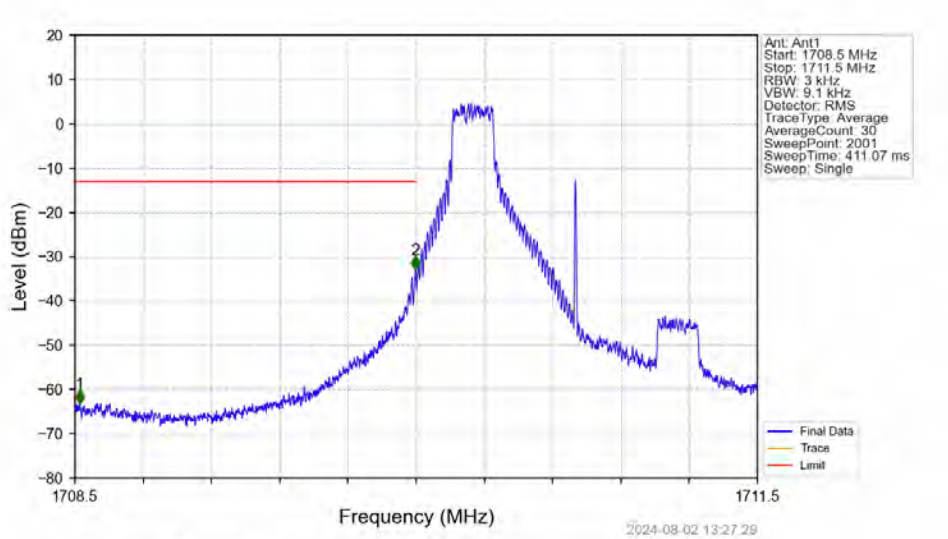
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.06	-13	Pass
1756	1756.5	1	/	2	1756.479	-62.76	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



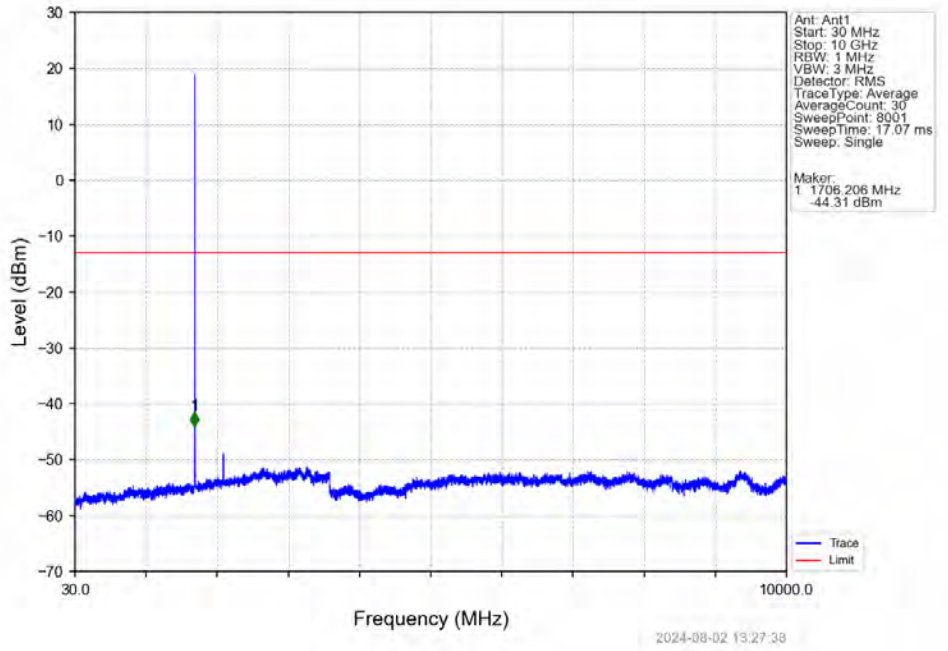
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.045	-34.85	-13	Pass
1756	1756.5	1	/	2	1756.437	-47.48	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

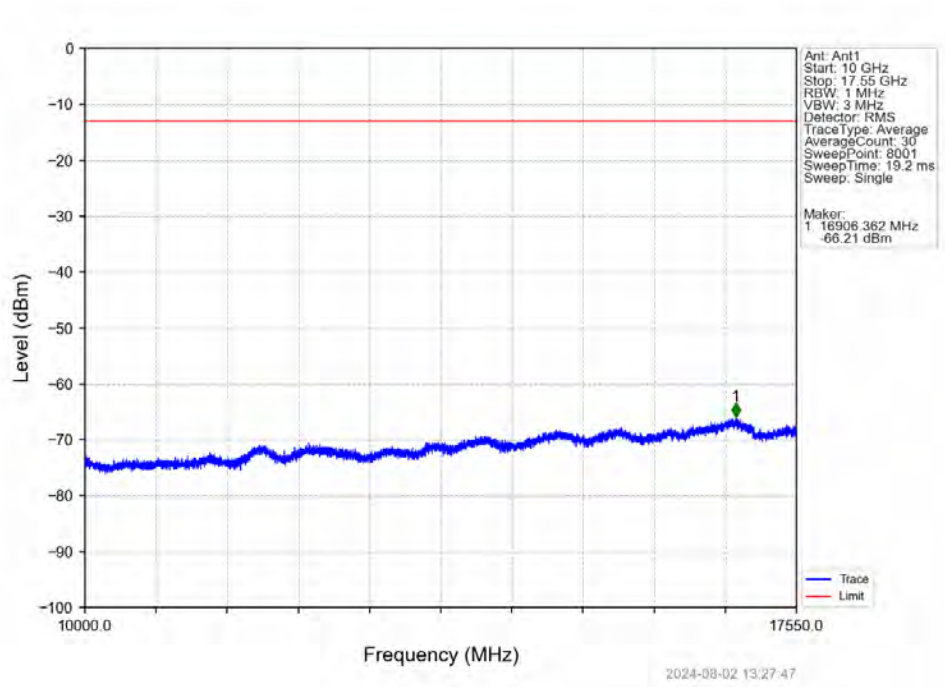


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.521	-63.14	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.93	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

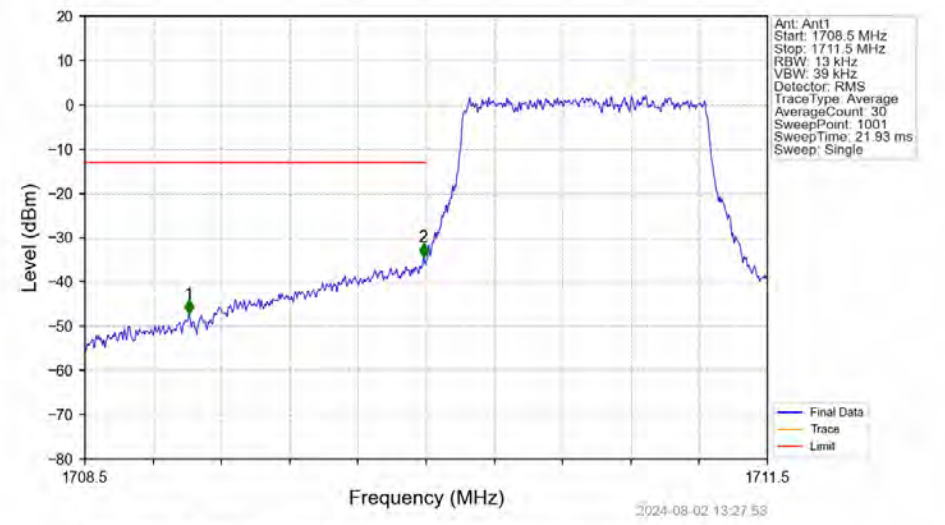
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

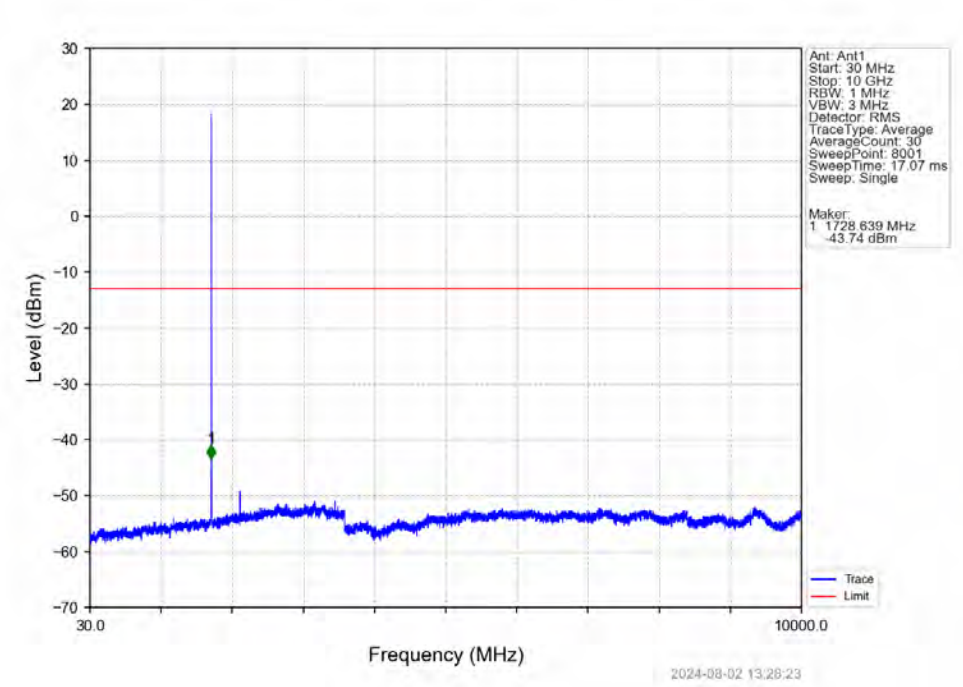


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

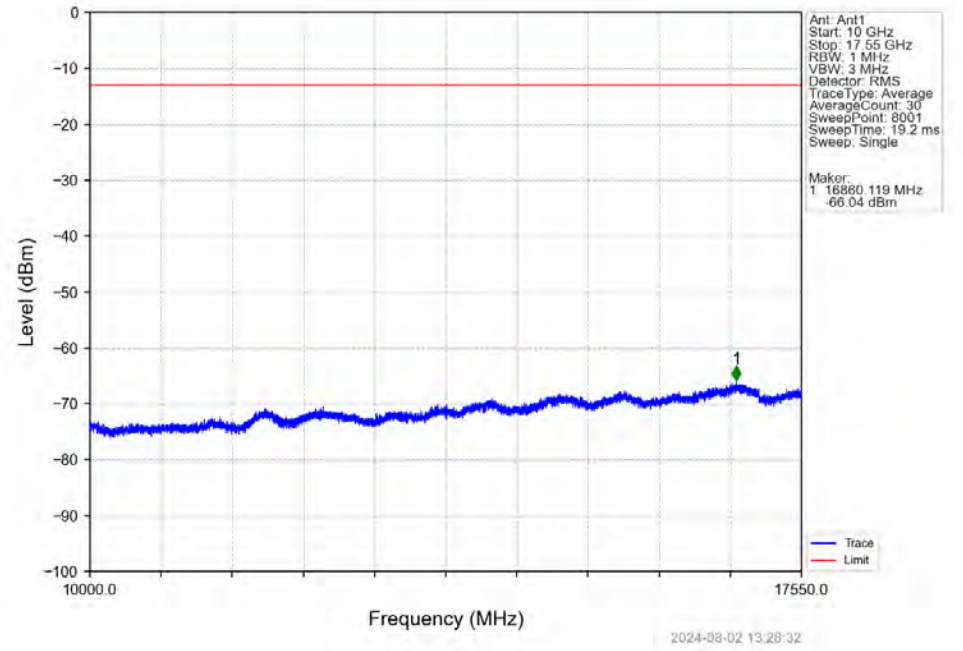


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.956	-47.19	-13	Pass
1709	1710	0.013	/	2	1709.988	-34.31	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

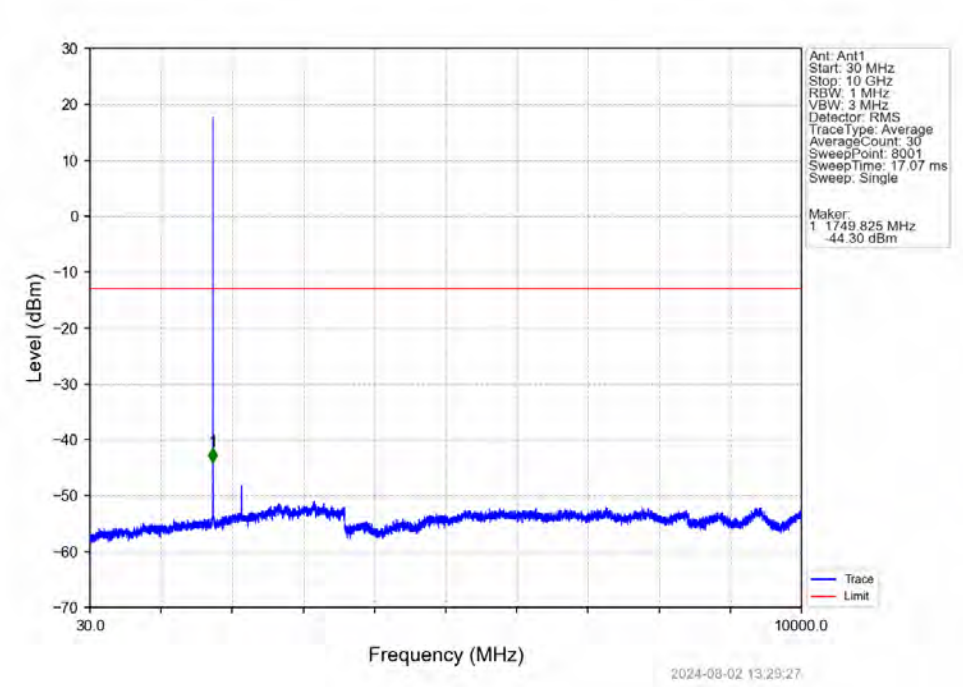
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



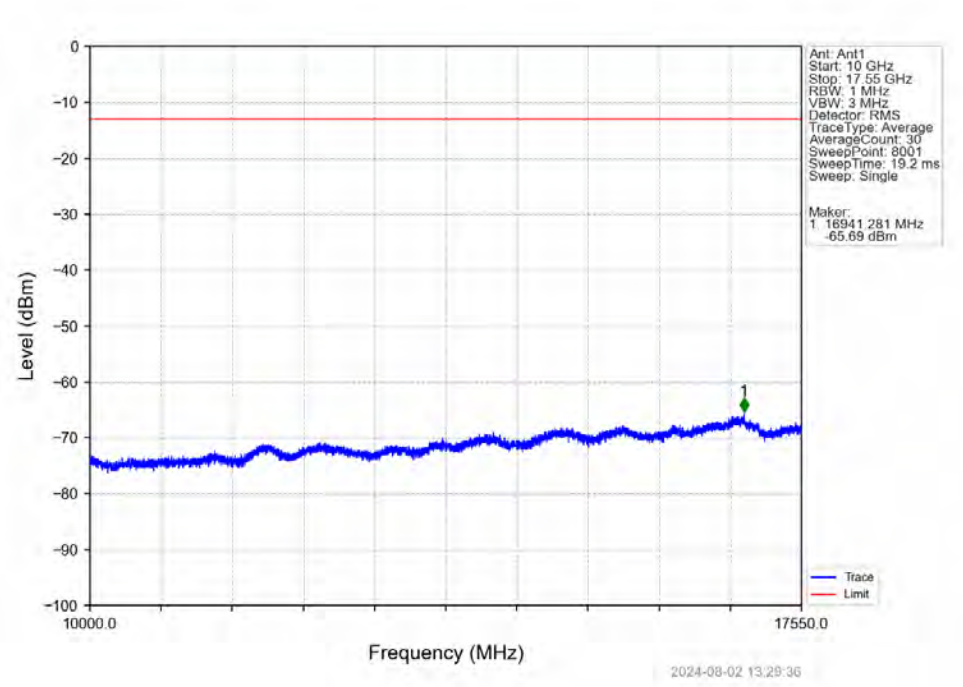
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



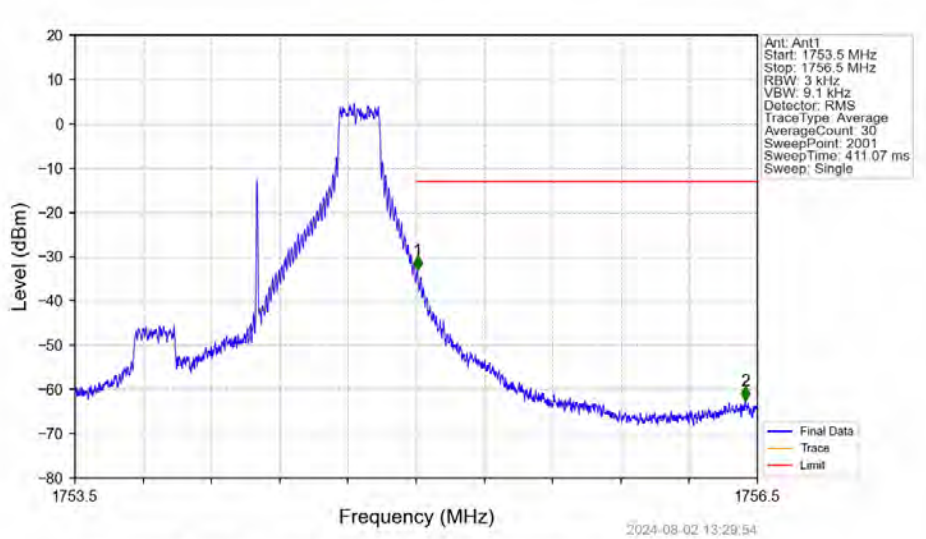
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

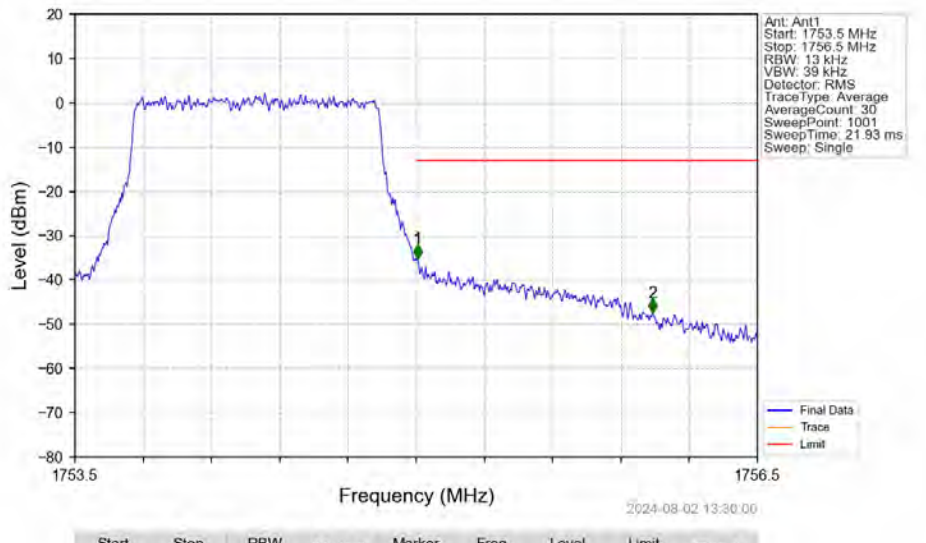


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.006	-32.97	-13	Pass
1756	1756.5	1	/	2	1756.446	-62.48	-13	Pass

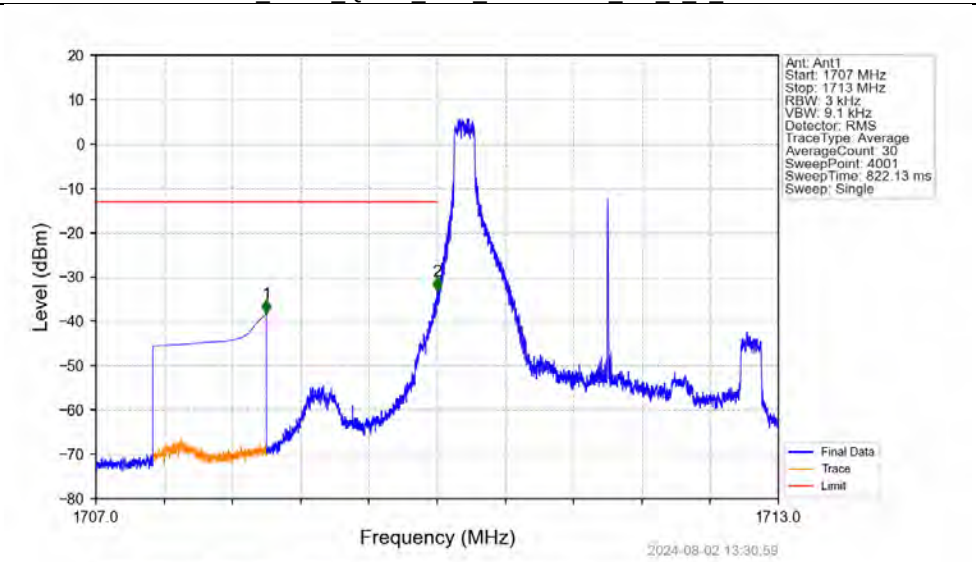
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	1755.006	-35.13	-13	Pass
1756	1756.5	1	/	2	1756.038	-47.42	-13	Pass

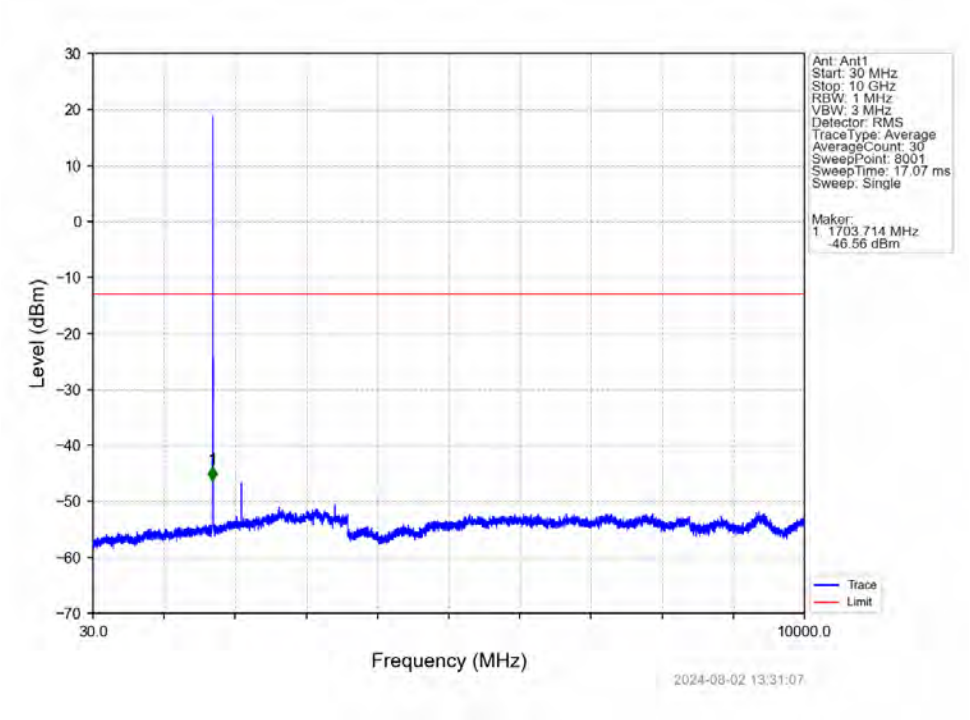
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

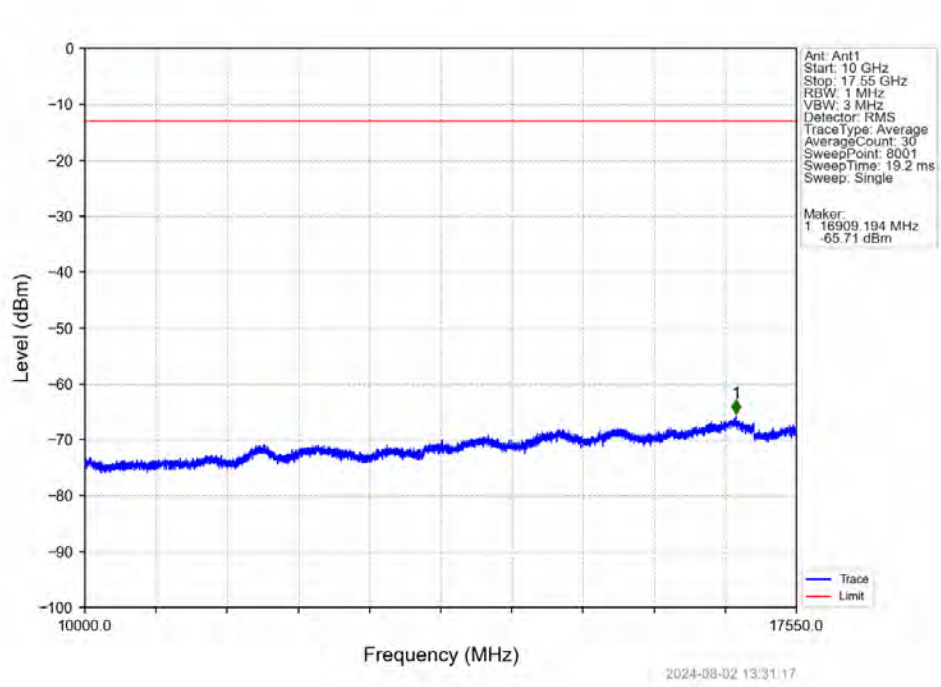


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-38.30	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.21	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

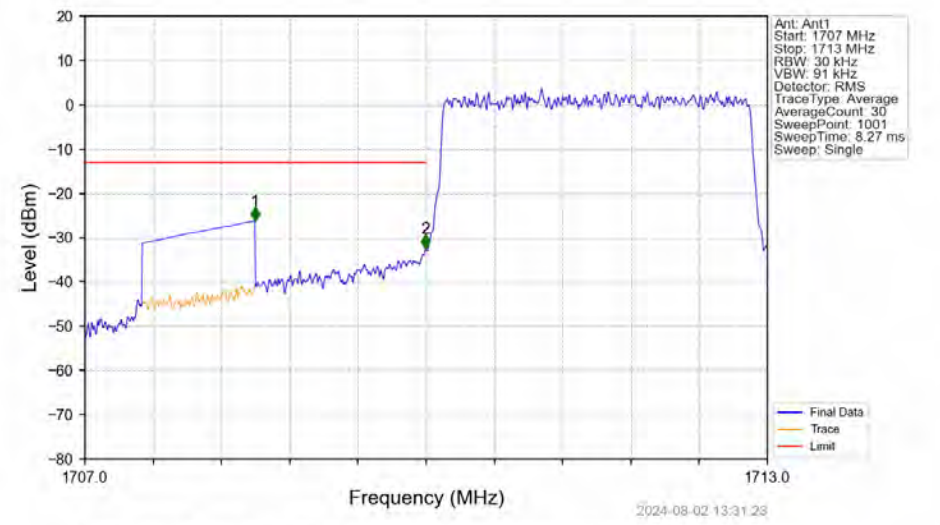
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

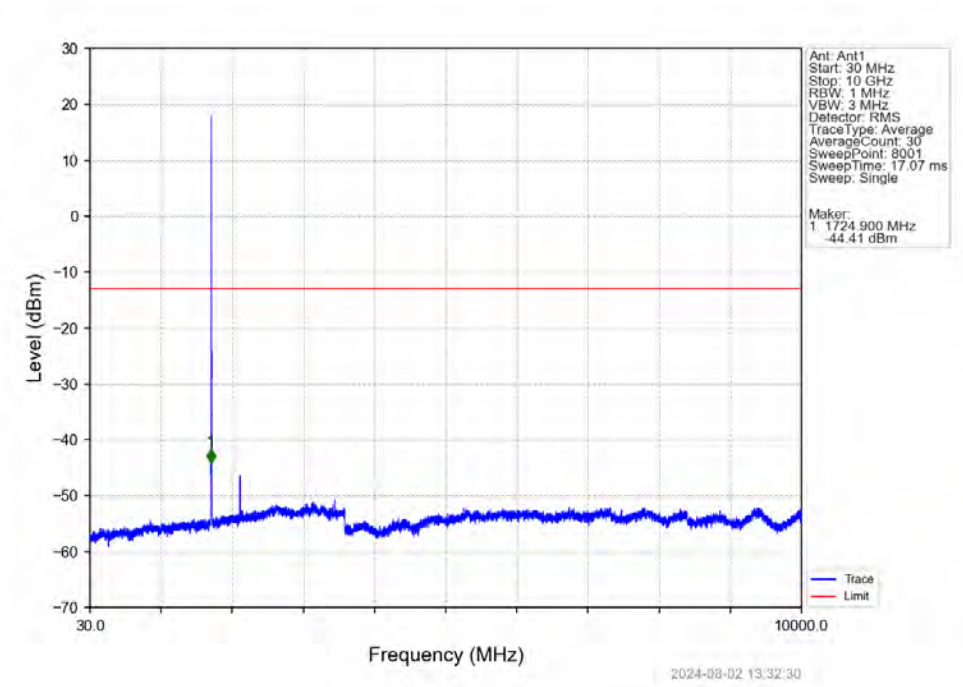


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

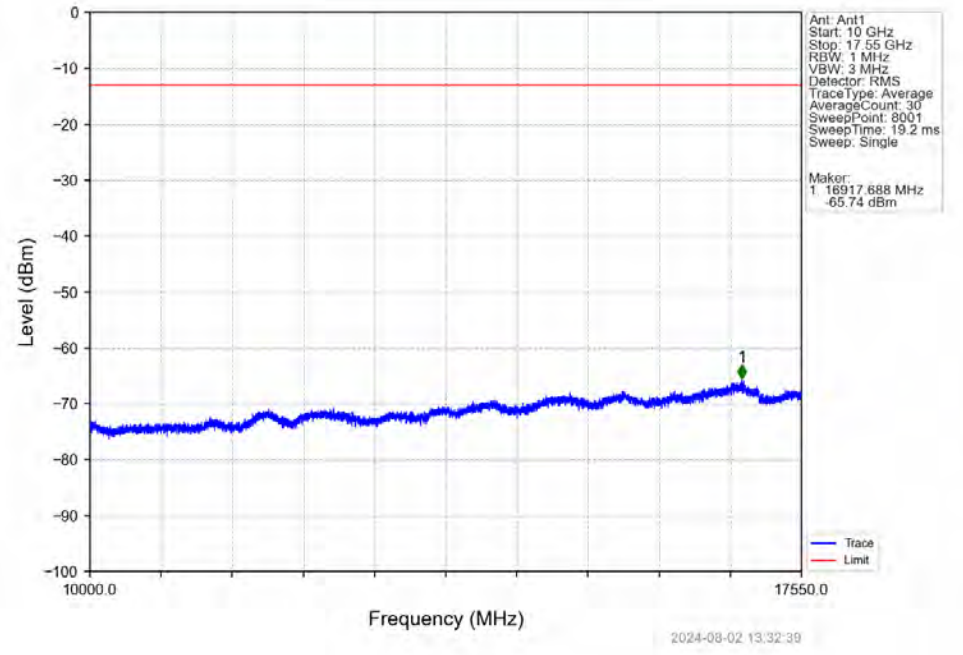


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-26.25	-13	Pass
1709	1710	0.03	/	2	1709.994	-32.39	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

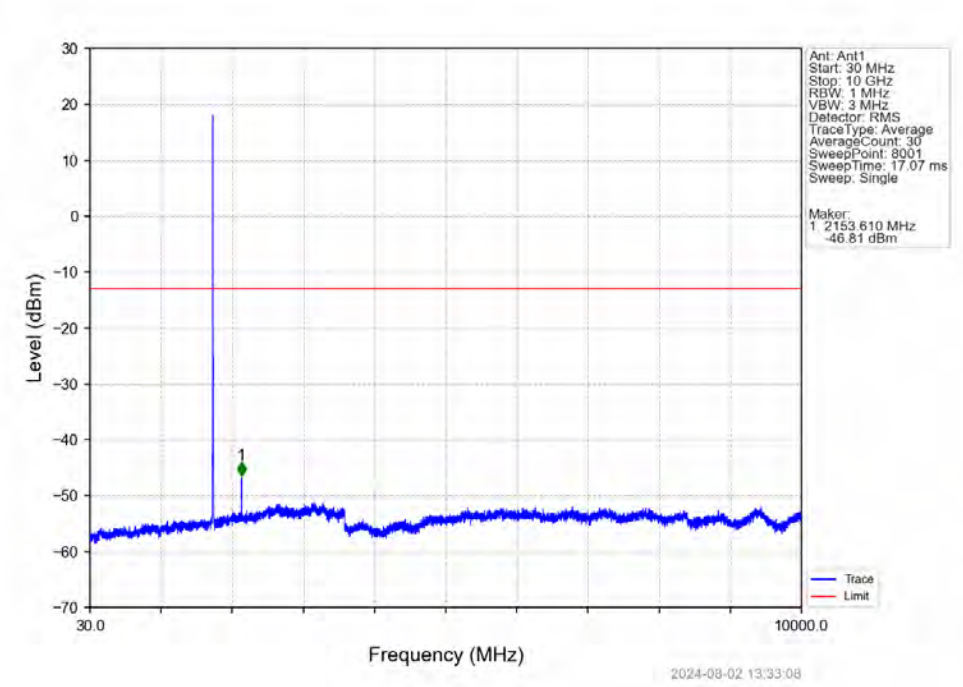
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



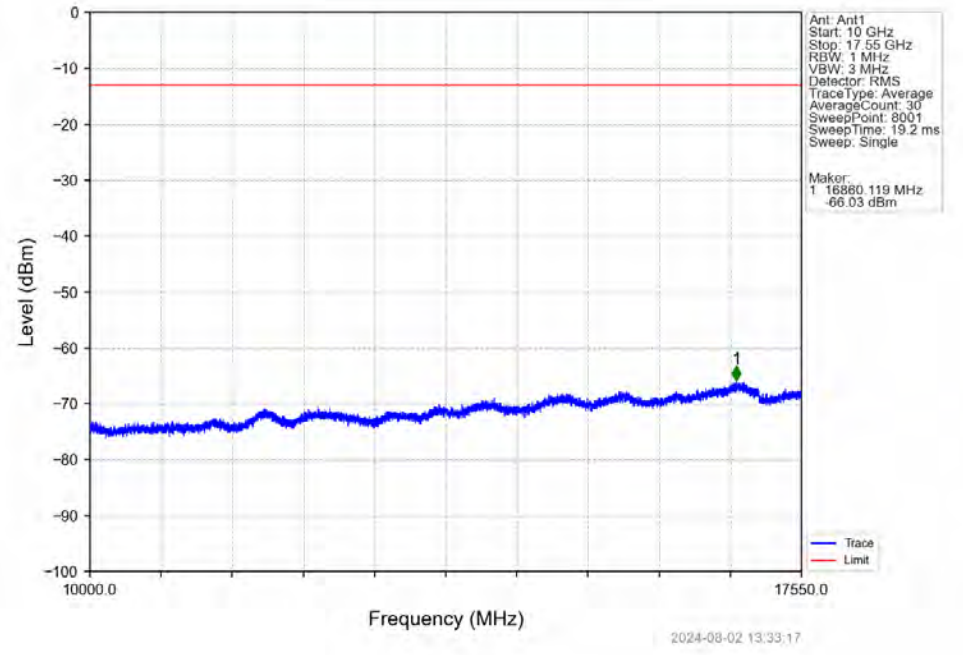
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



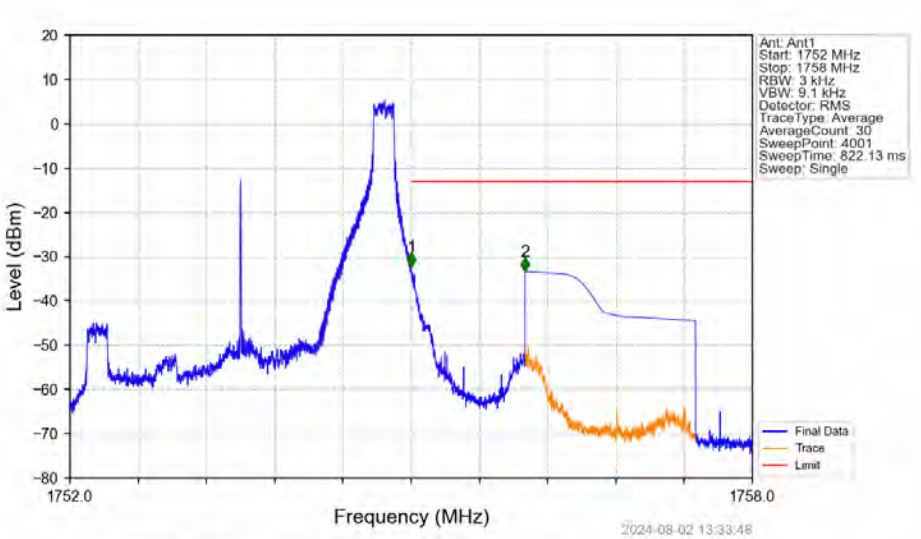
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

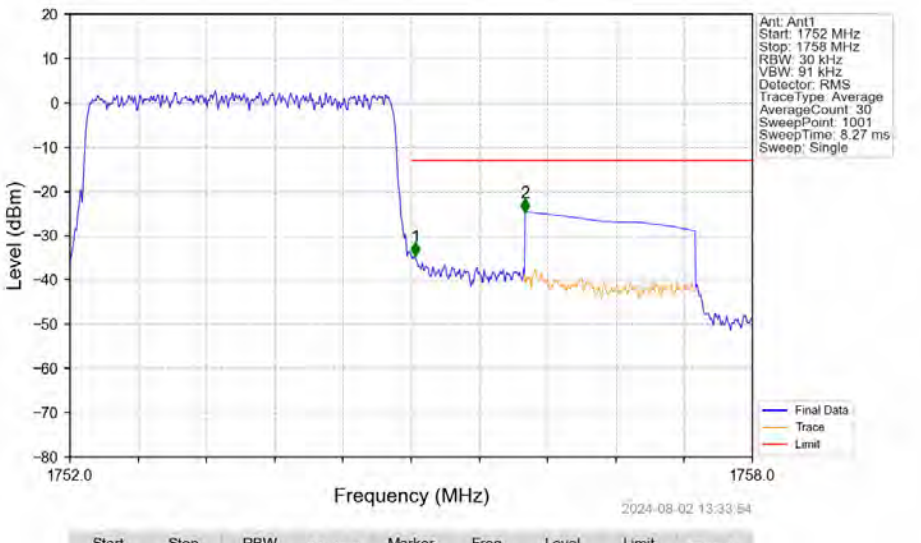


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



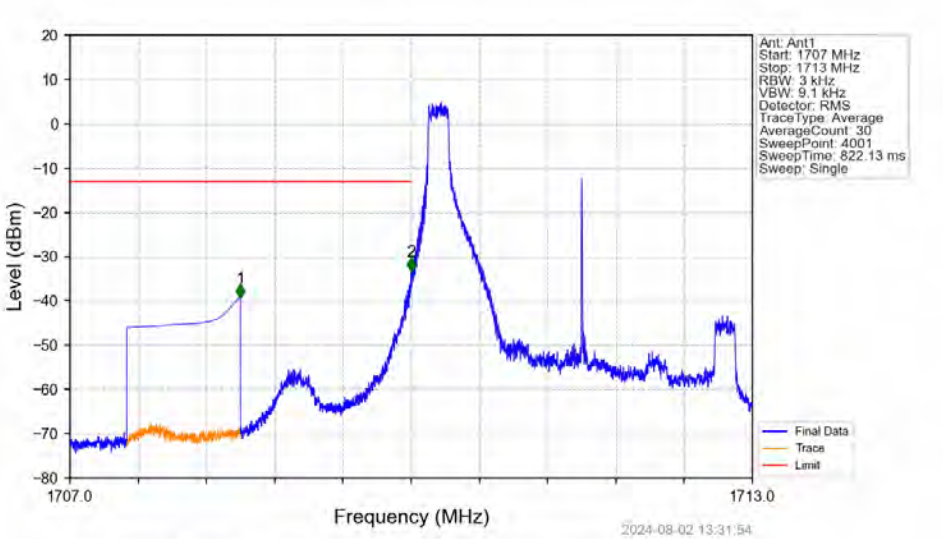
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.21	-13	Pass
1756	1758	1	CHP	2	1756.001	-33.36	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



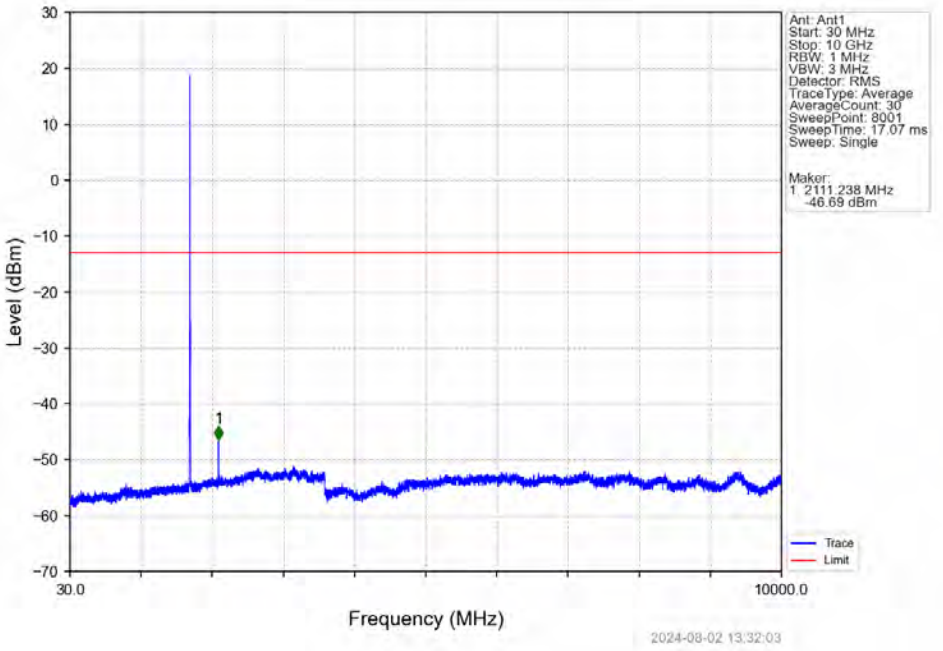
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.036	-34.55	-13	Pass
1756	1758	1	CHP	2	1756.002	-24.68	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

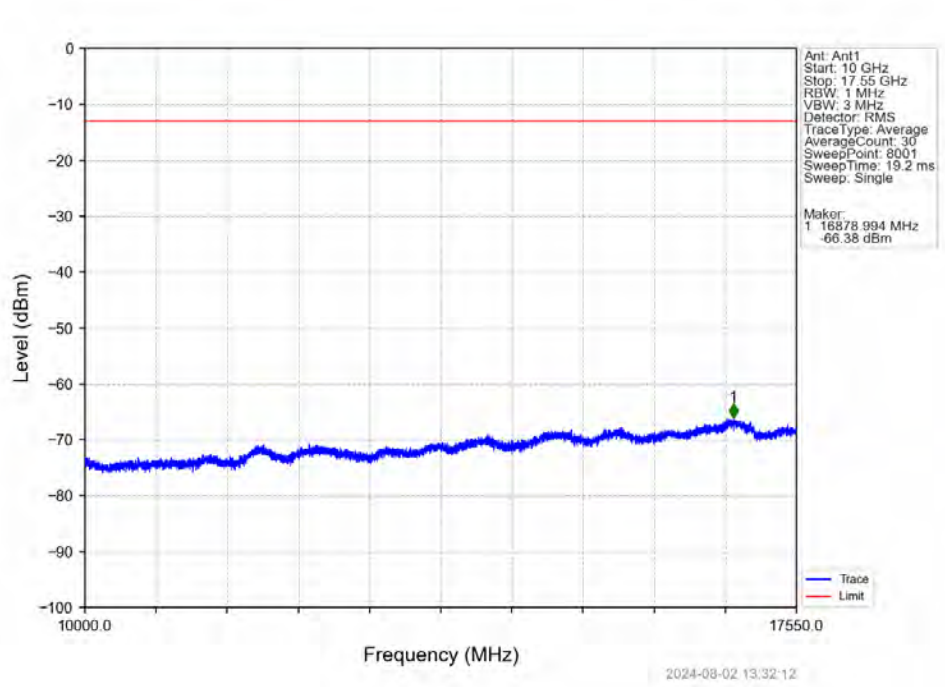


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-39.26	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.25	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

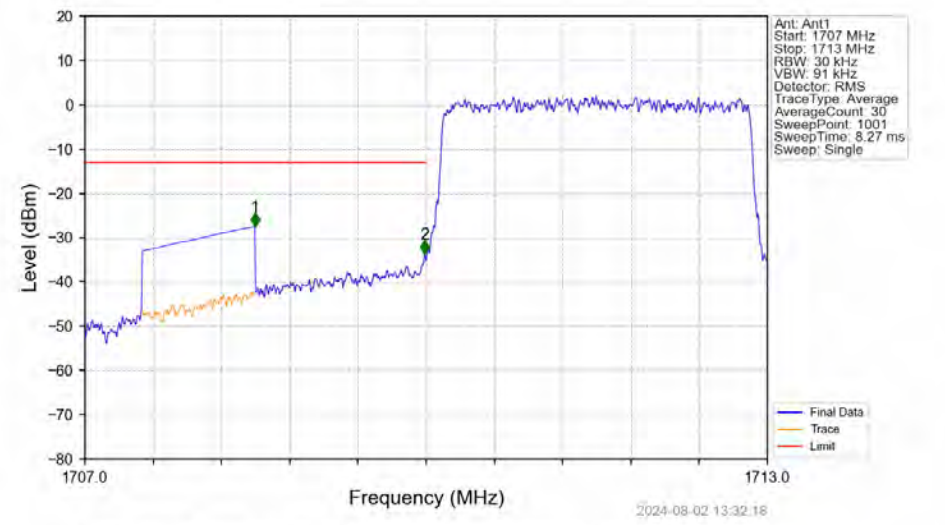
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



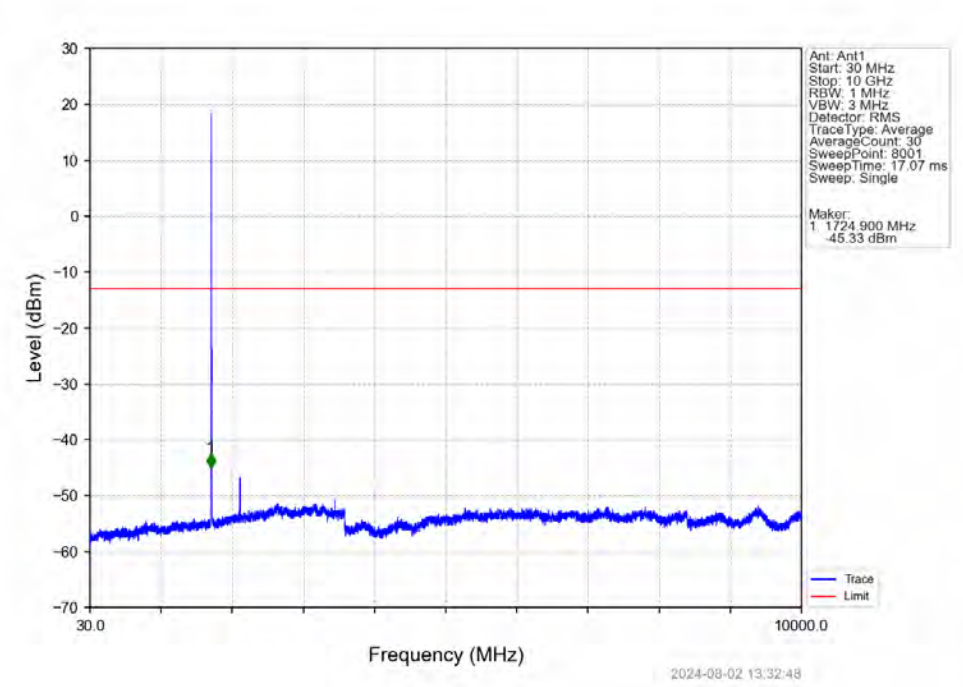
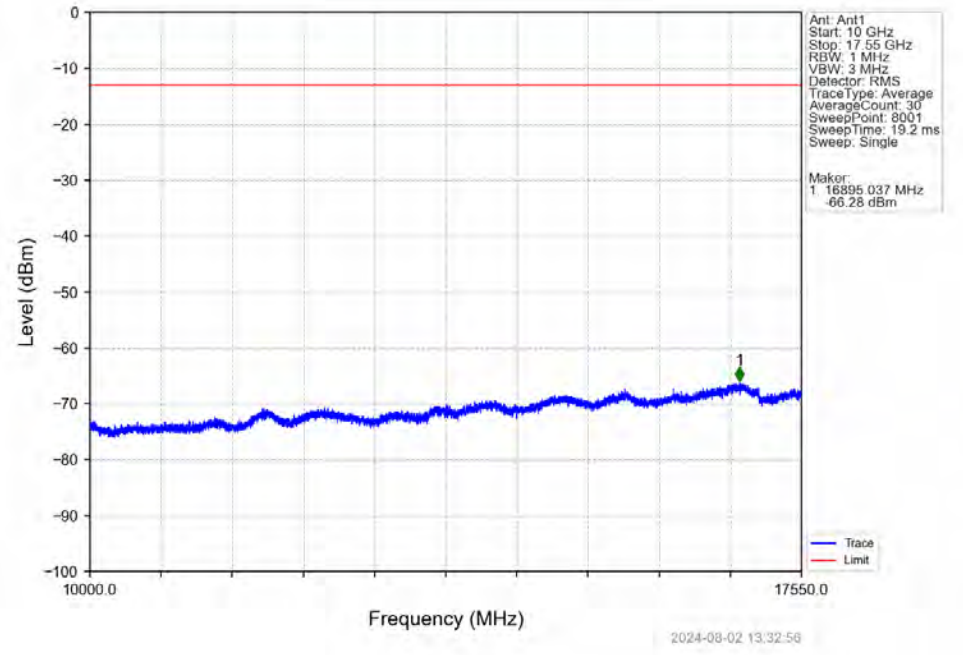
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



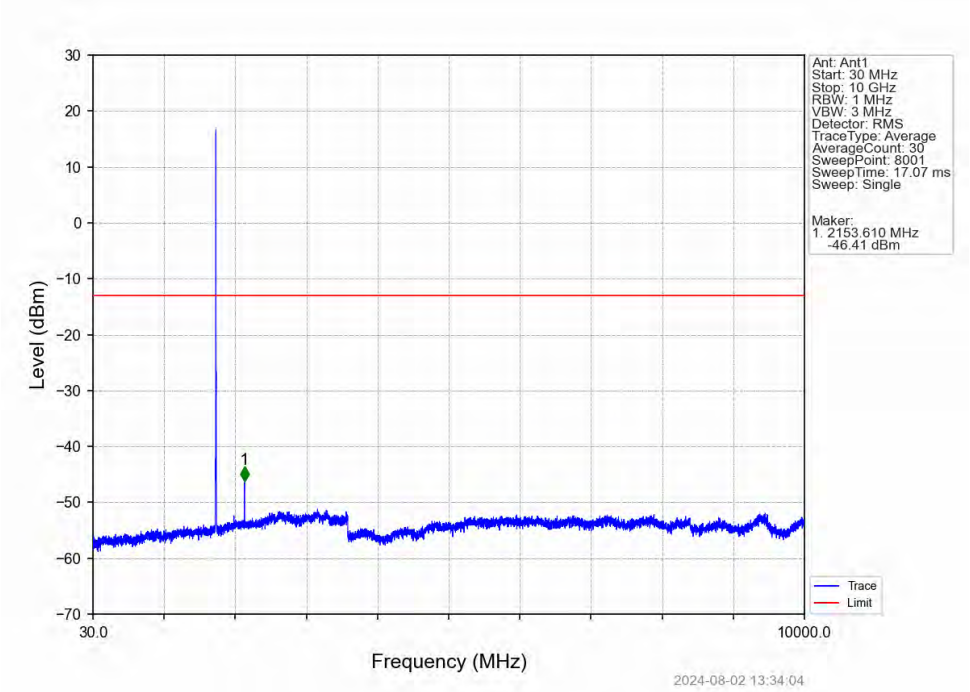
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



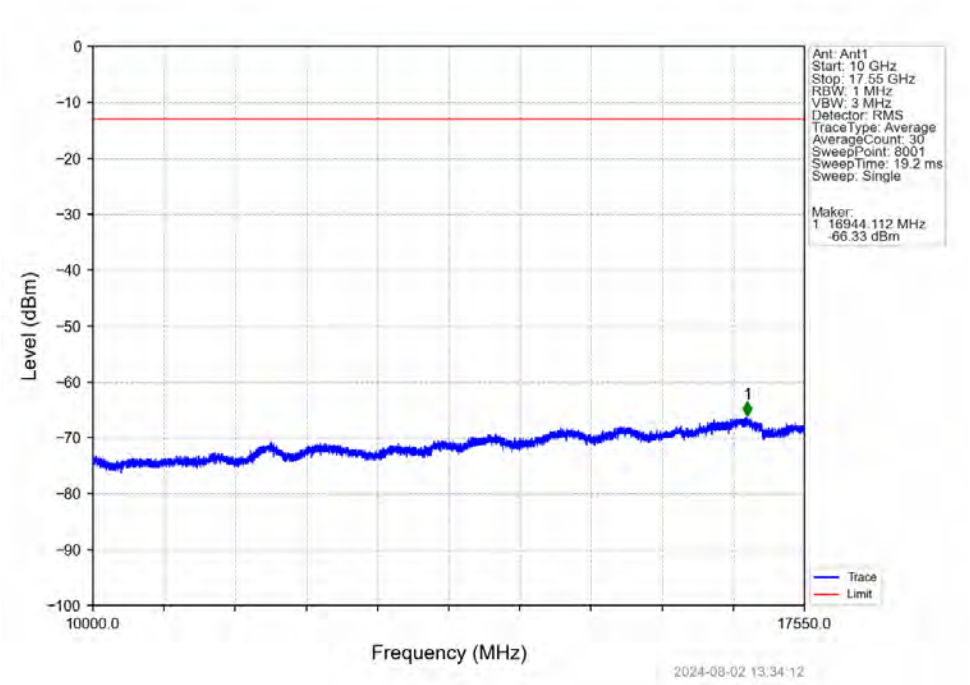
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-27.53	-13	Pass
1709	1710	0.03	/	2	1709.988	-33.66	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV


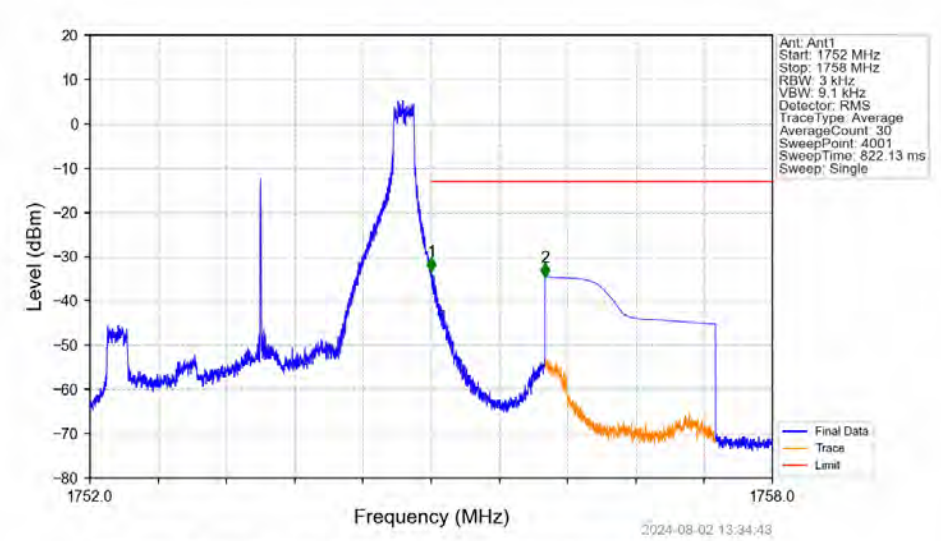
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

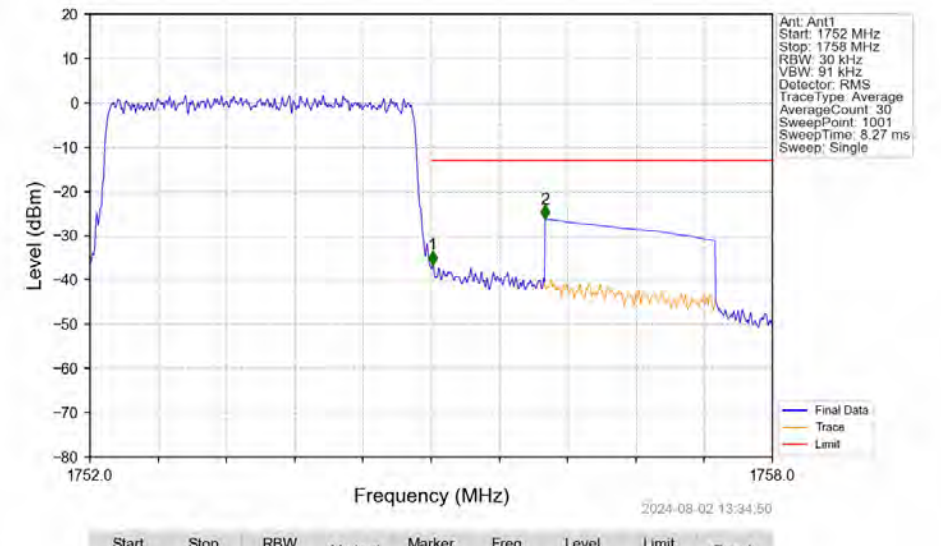


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.29	-13	Pass
1756	1758	1	CHP	2	1756.001	-34.55	-13	Pass

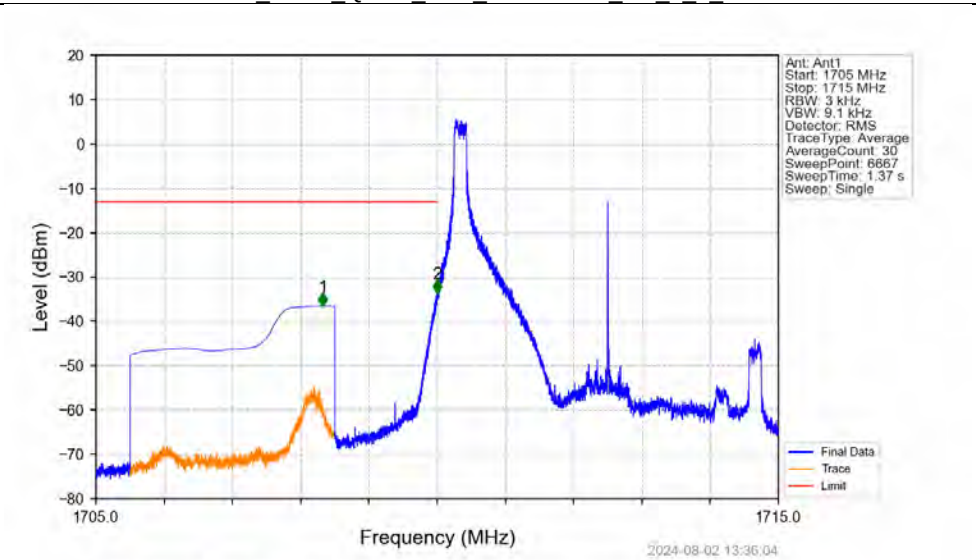
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.012	-36.50	-13	Pass
1756	1758	1	CHP	2	1756.002	-26.27	-13	Pass

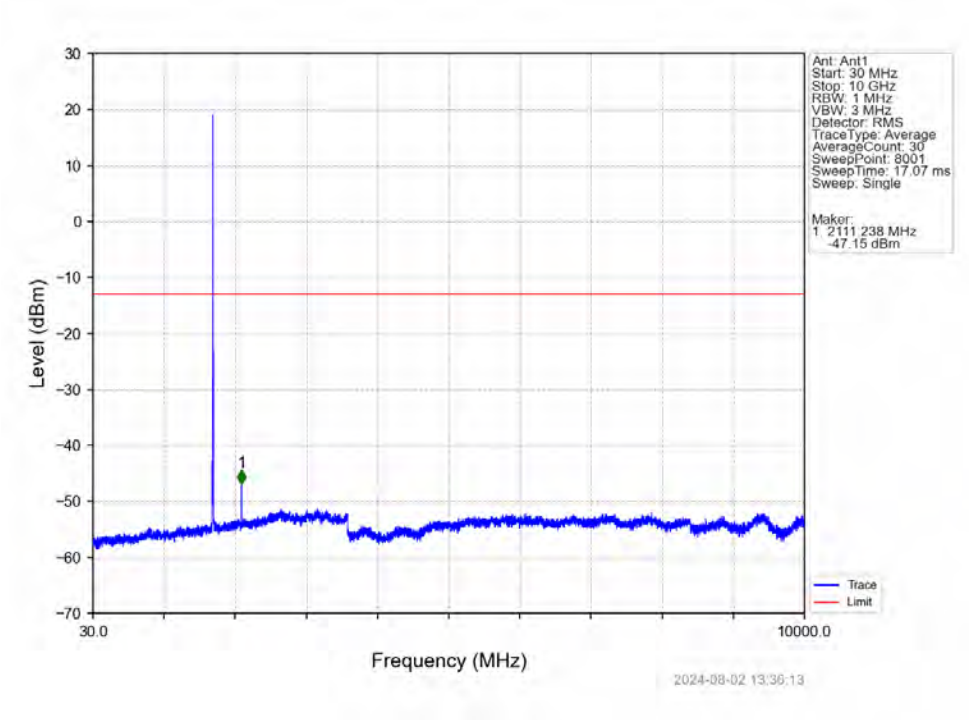
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

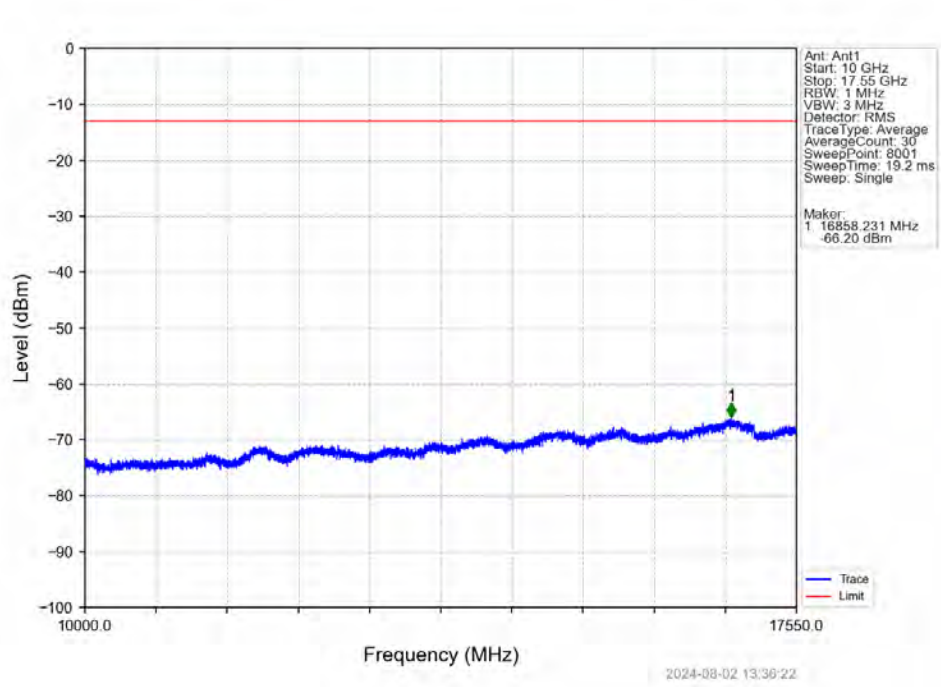


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.327	-36.51	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.73	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

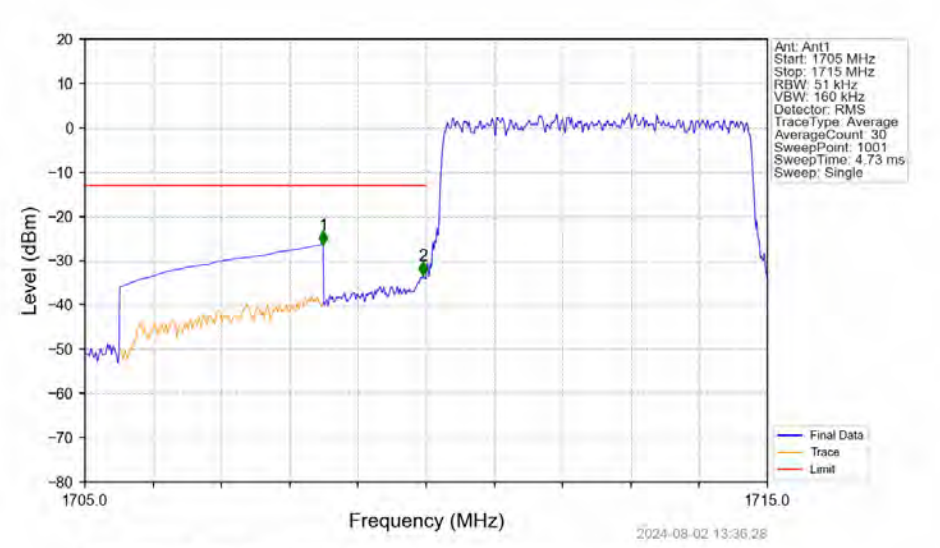
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

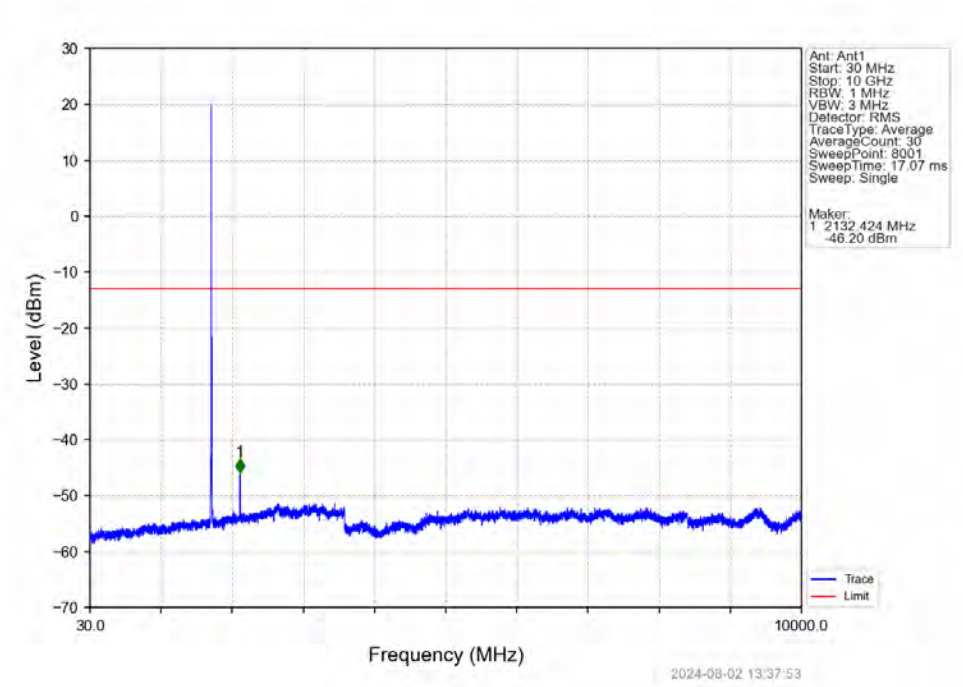


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

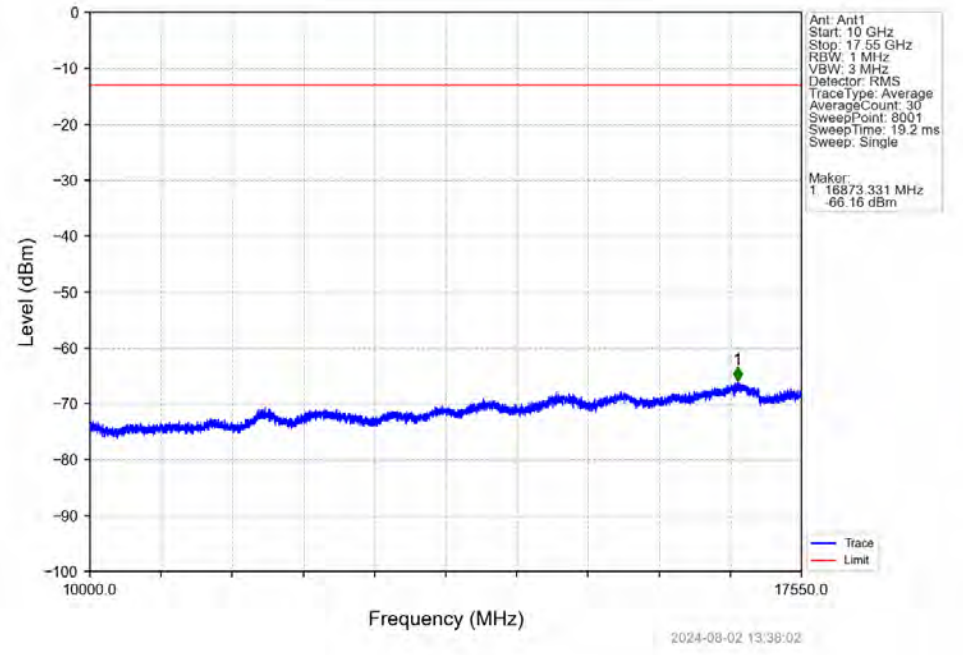


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-26.34	-13	Pass
1709	1710	0.051	/	2	1709.950	-33.35	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

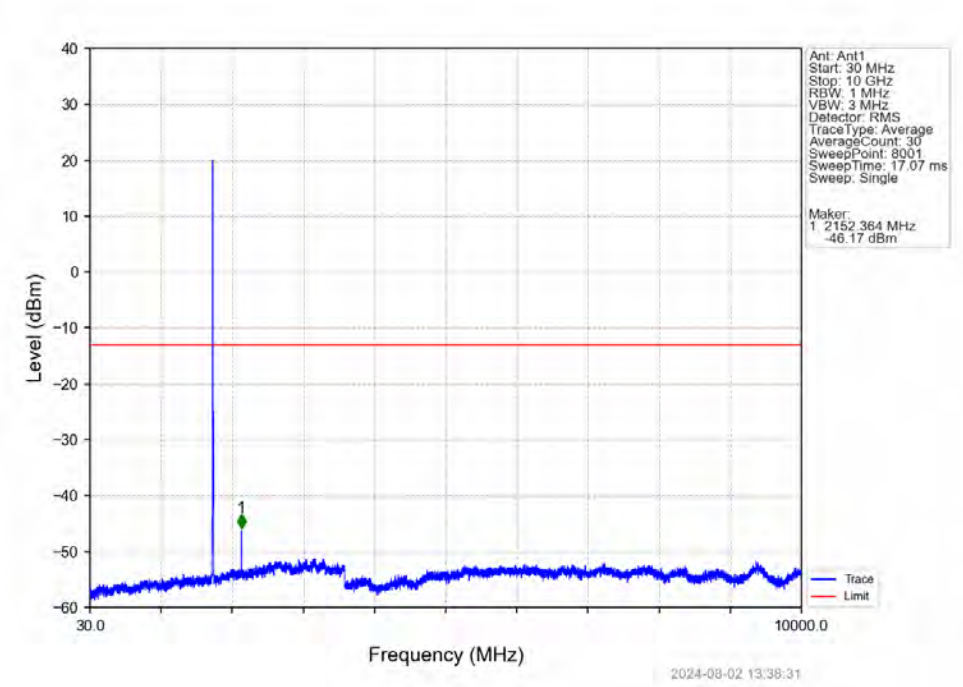
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



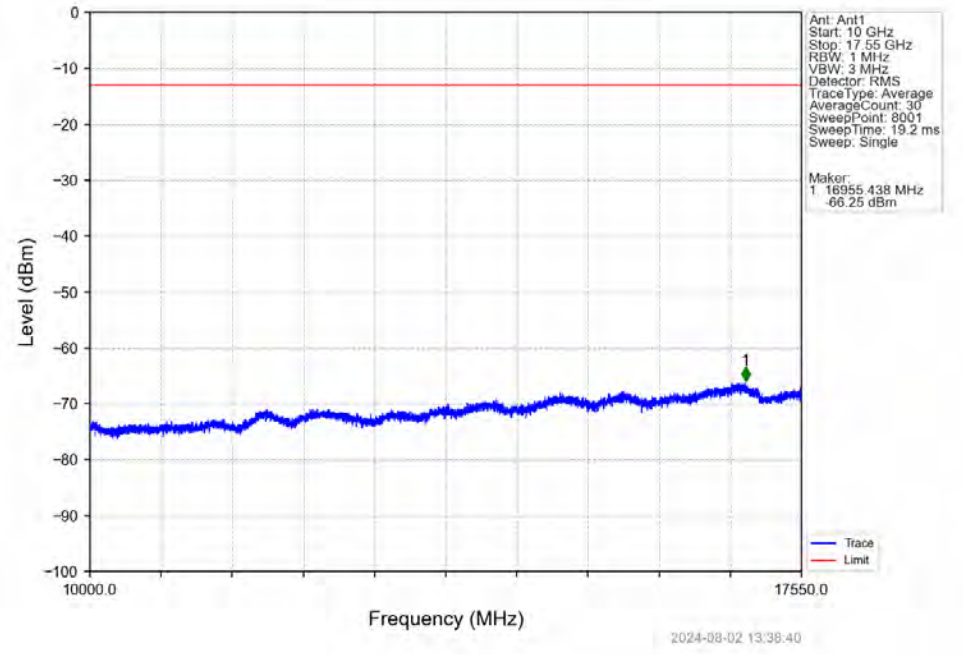
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



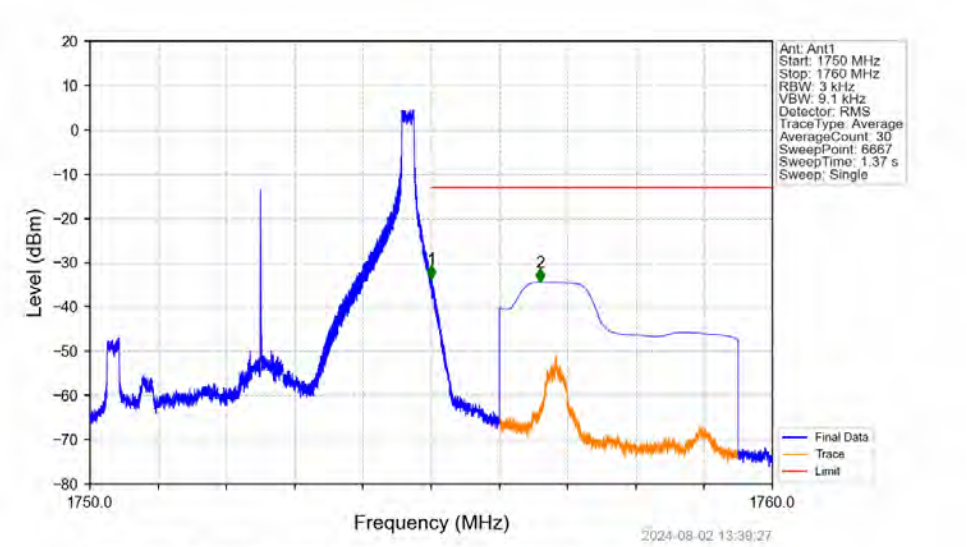
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

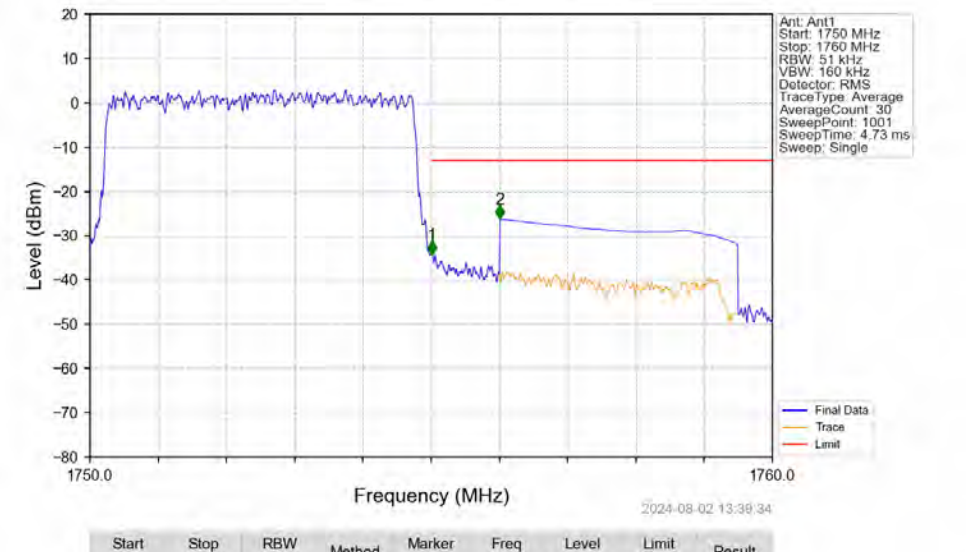


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



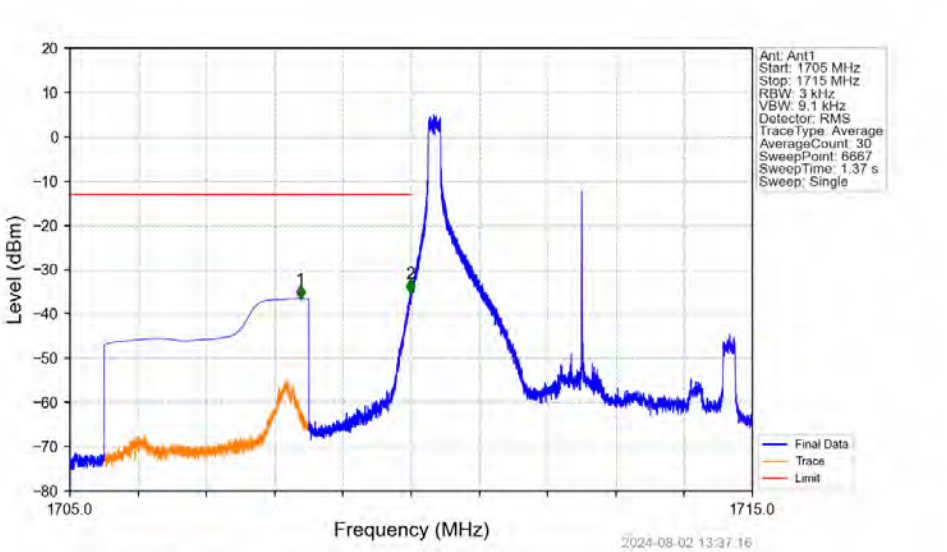
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.63	-13	Pass
1756	1760	1	CHP	2	1756.596	-34.44	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



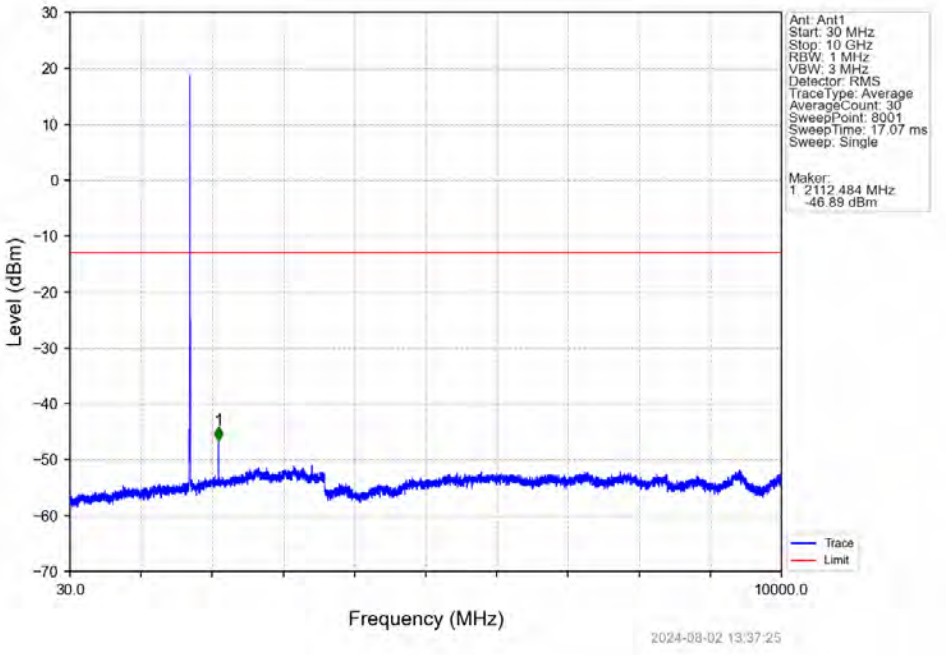
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.010	-34.27	-13	Pass
1756	1760	1	CHP	2	1756.010	-26.26	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

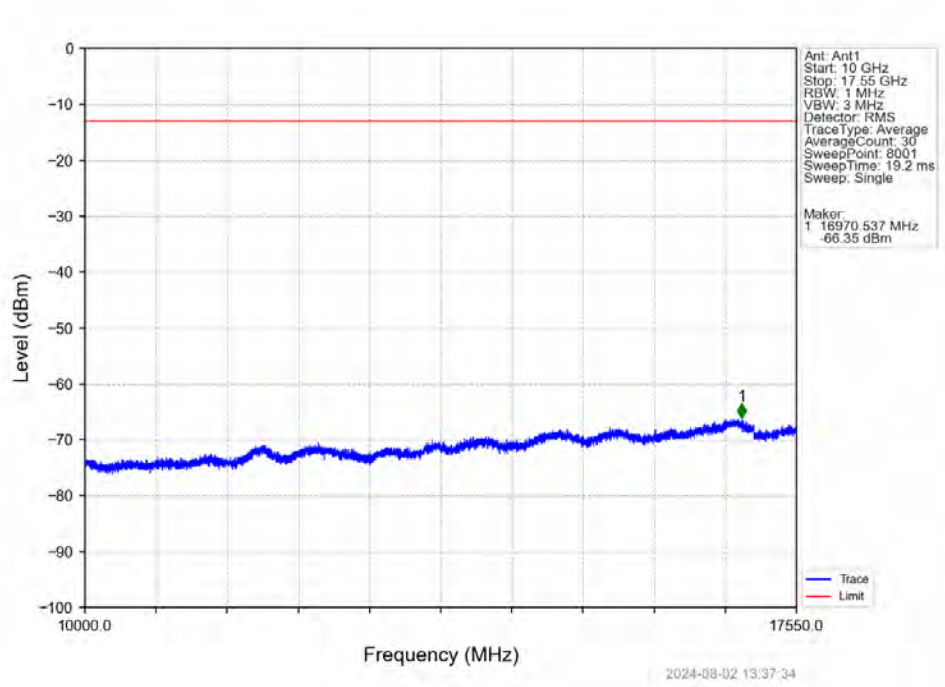


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.378	-36.52	-13	Pass
1709	1710	0.003	/	2	1709.988	-35.37	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

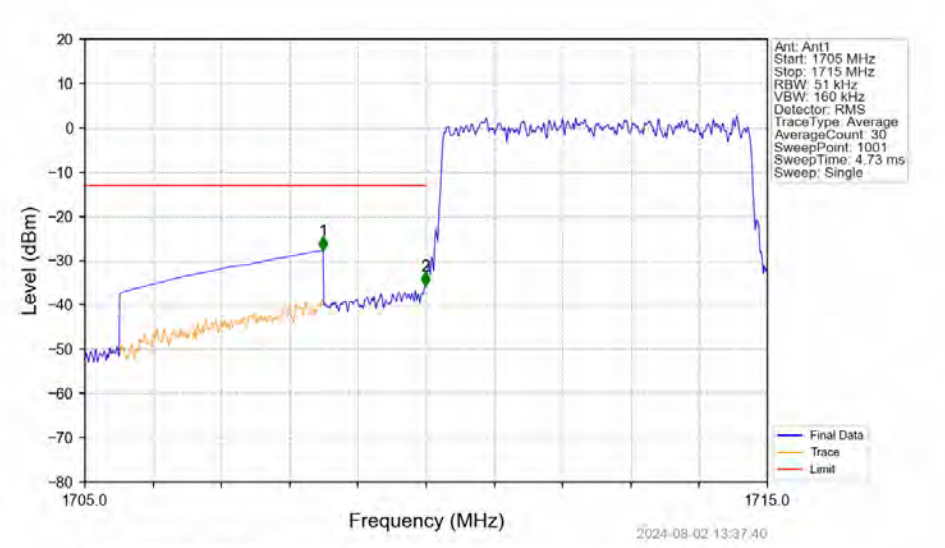
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

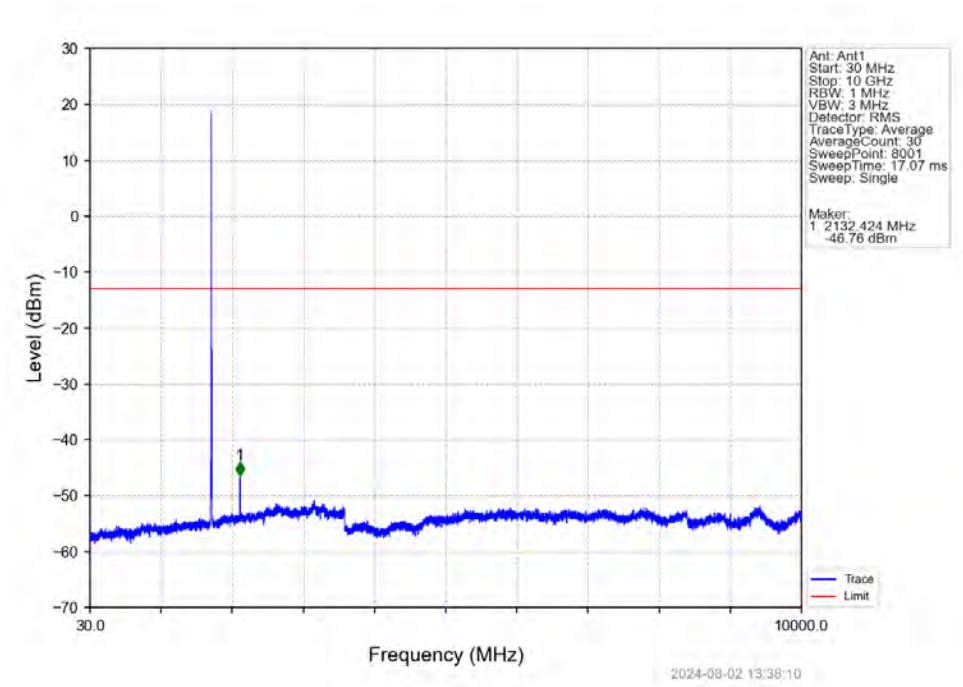


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

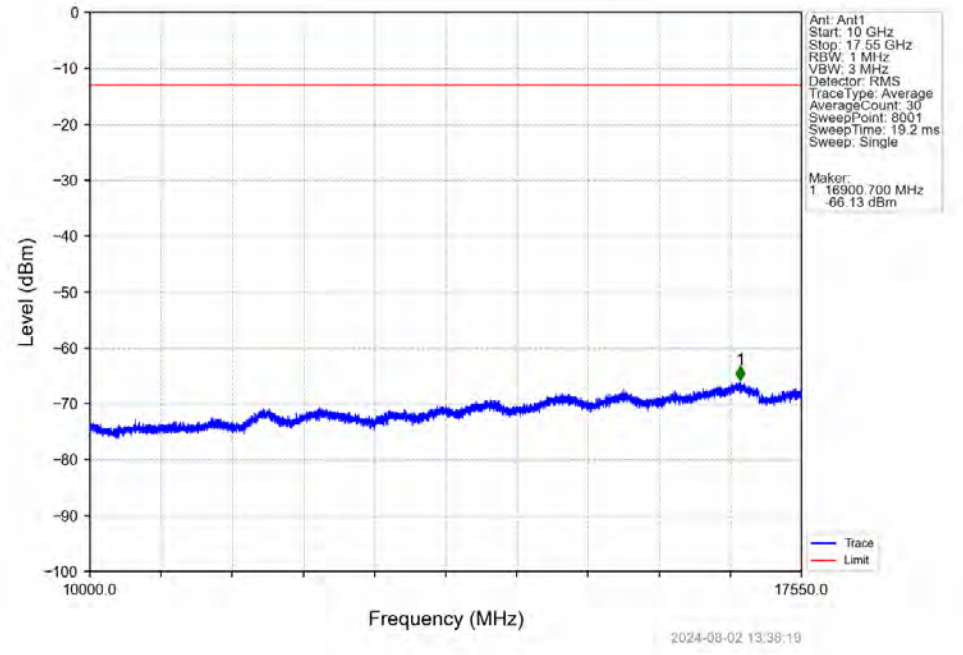


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-27.72	-13	Pass
1709	1710	0.051	/	2	1709.990	-35.61	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

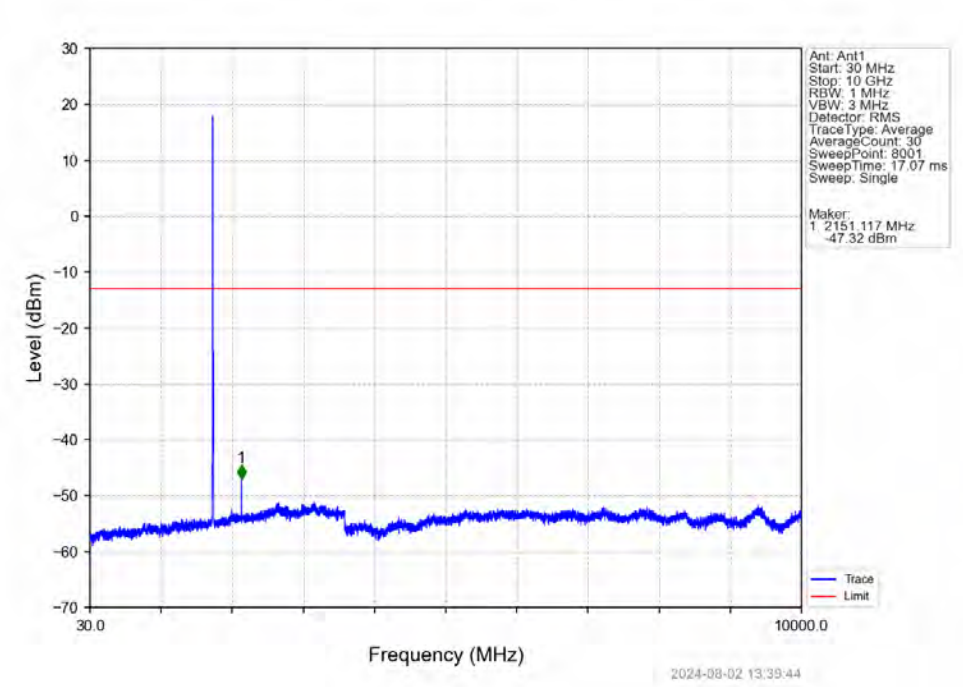
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



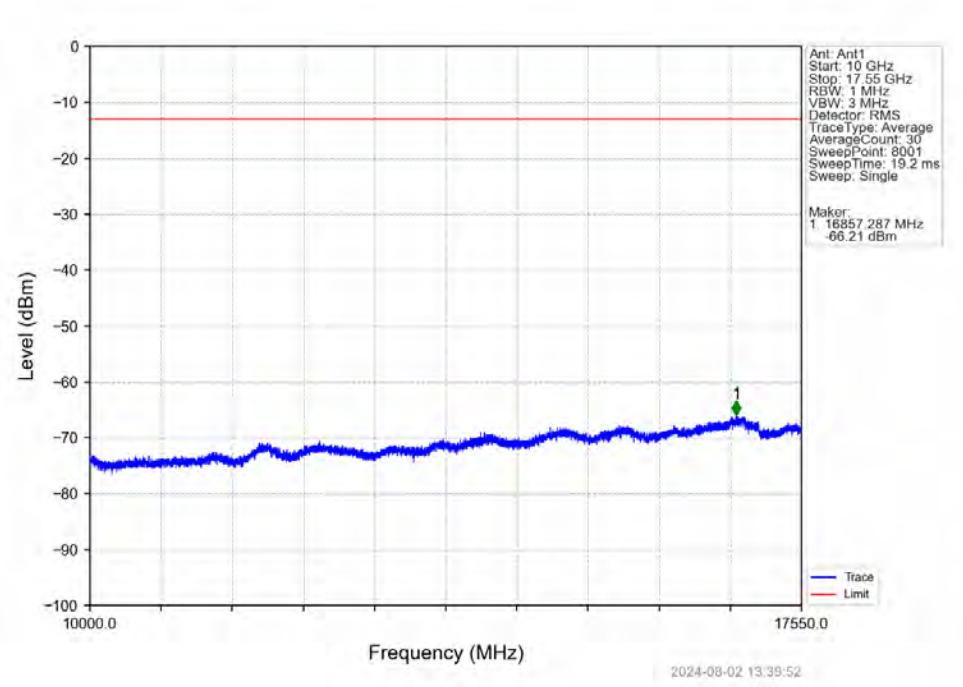
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



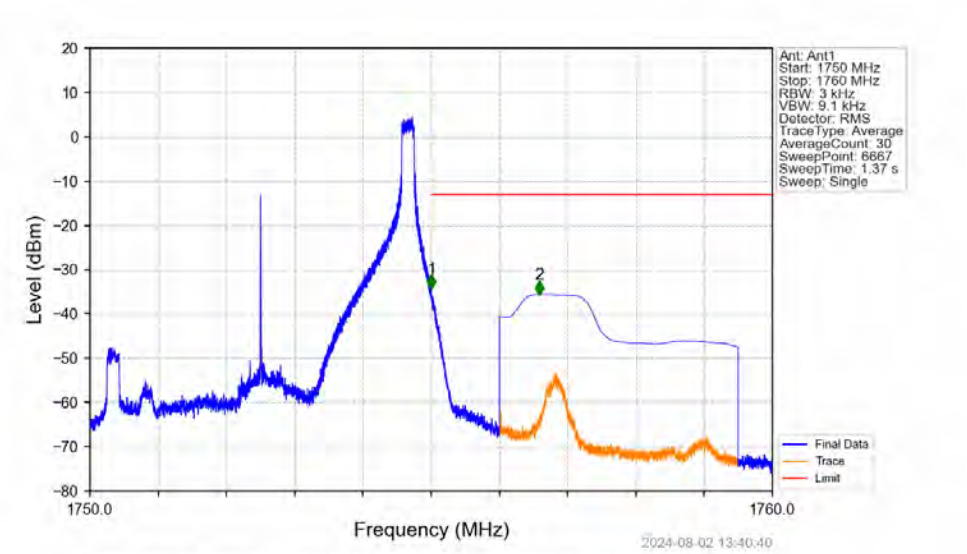
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

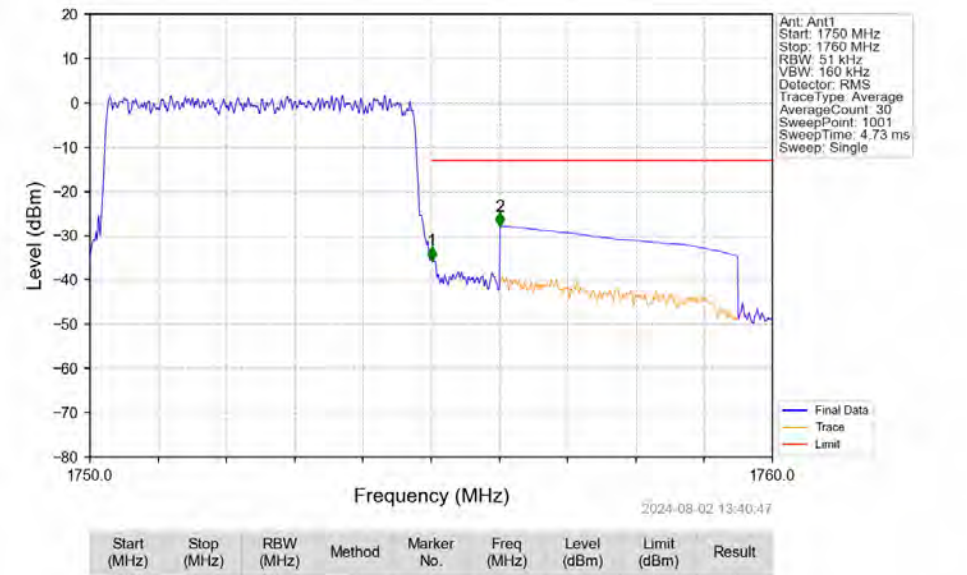


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.002	-34.19	-13	Pass
1756	1760	1	CHP	2	1756.589	-35.59	-13	Pass

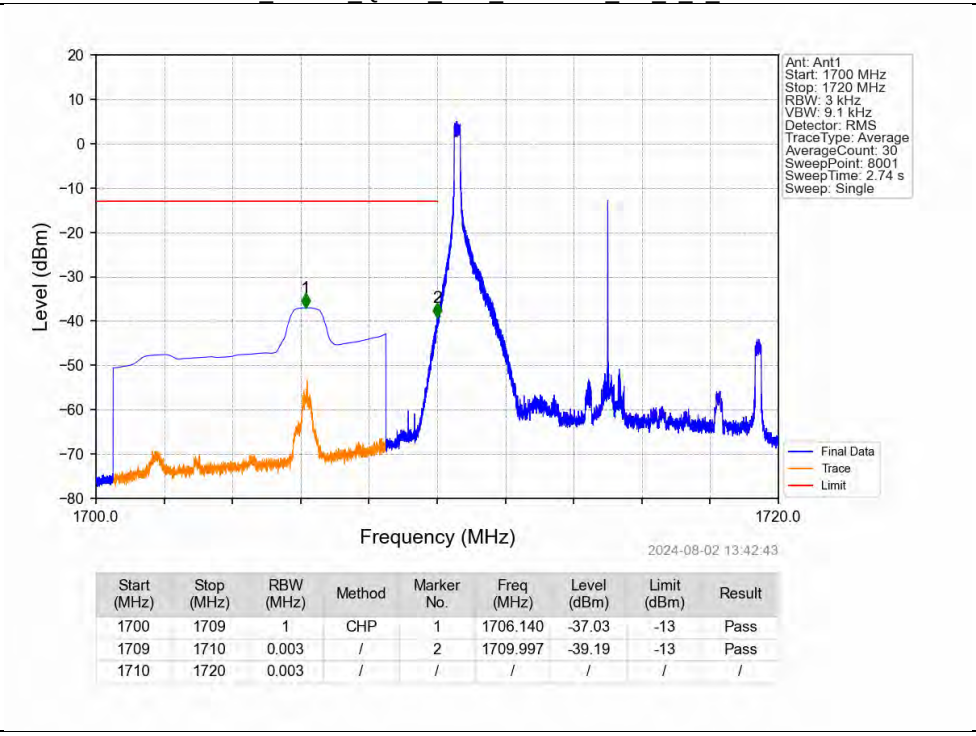
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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	-35.59	-13	Pass
1756	1760	1	CHP	2	1756.010	-27.86	-13	Pass

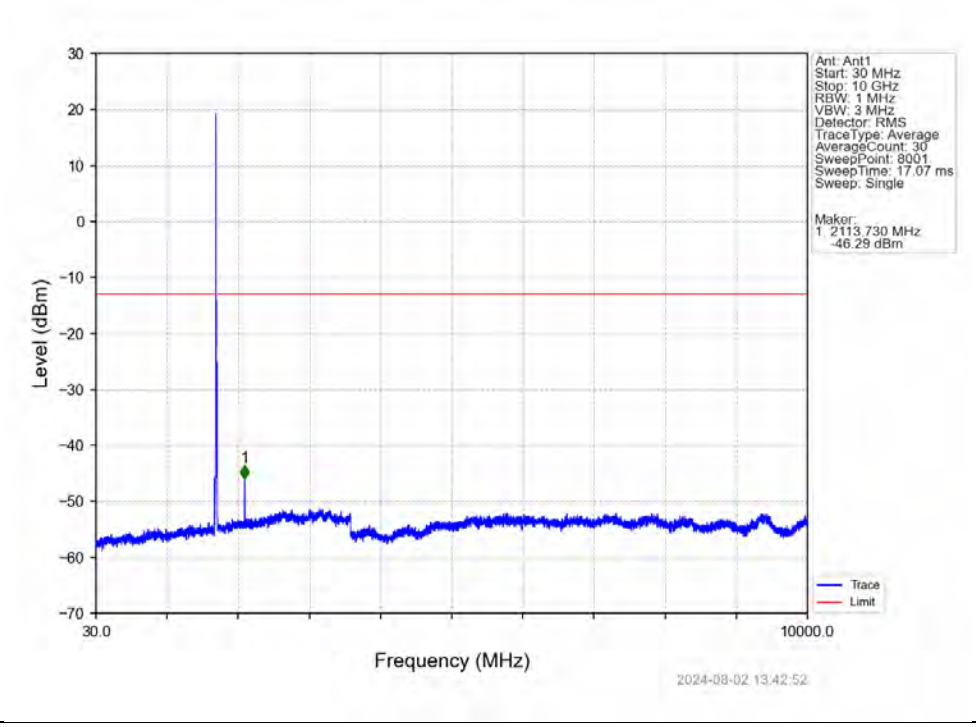
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

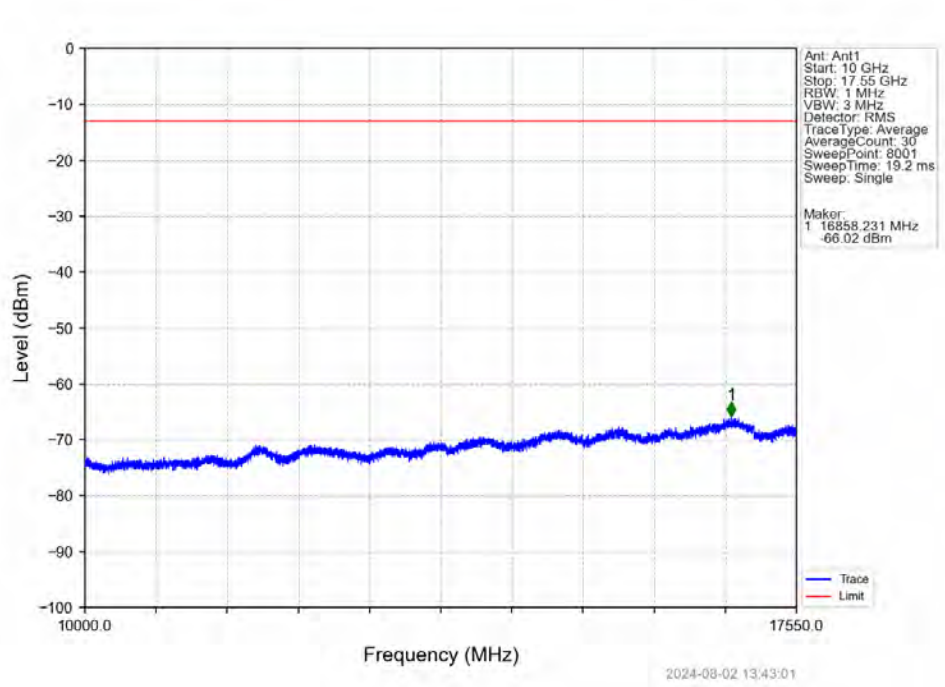


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.140	-37.03	-13	Pass
1709	1710	0.003	/	2	1709.997	-39.19	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

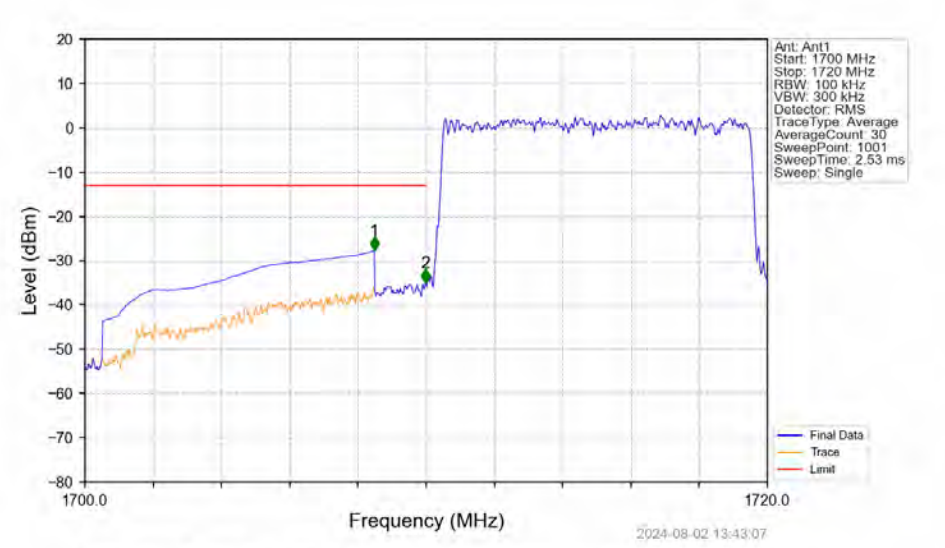
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

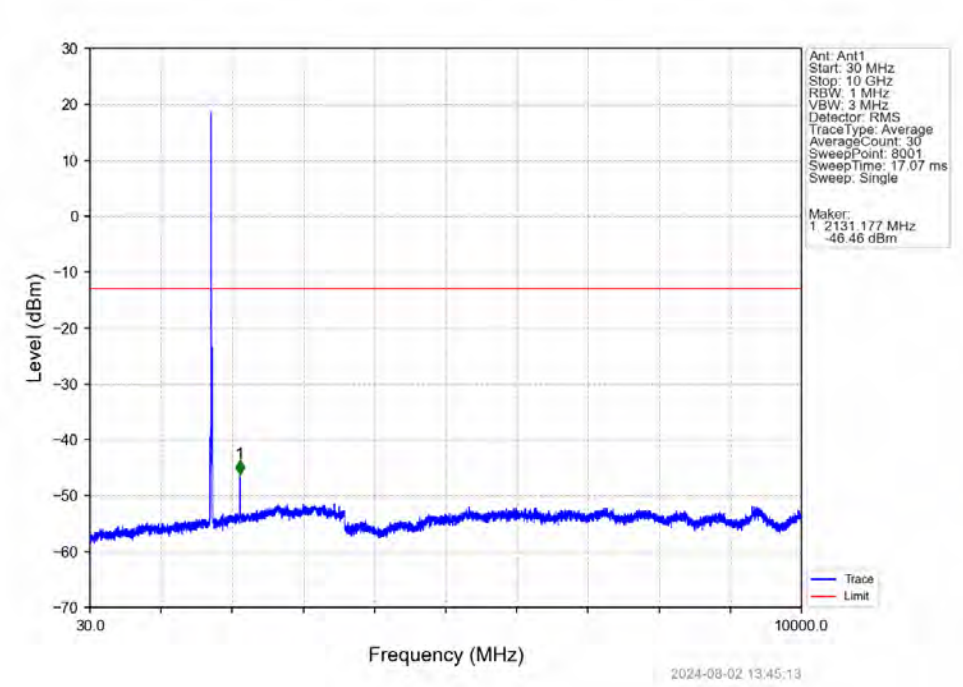


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

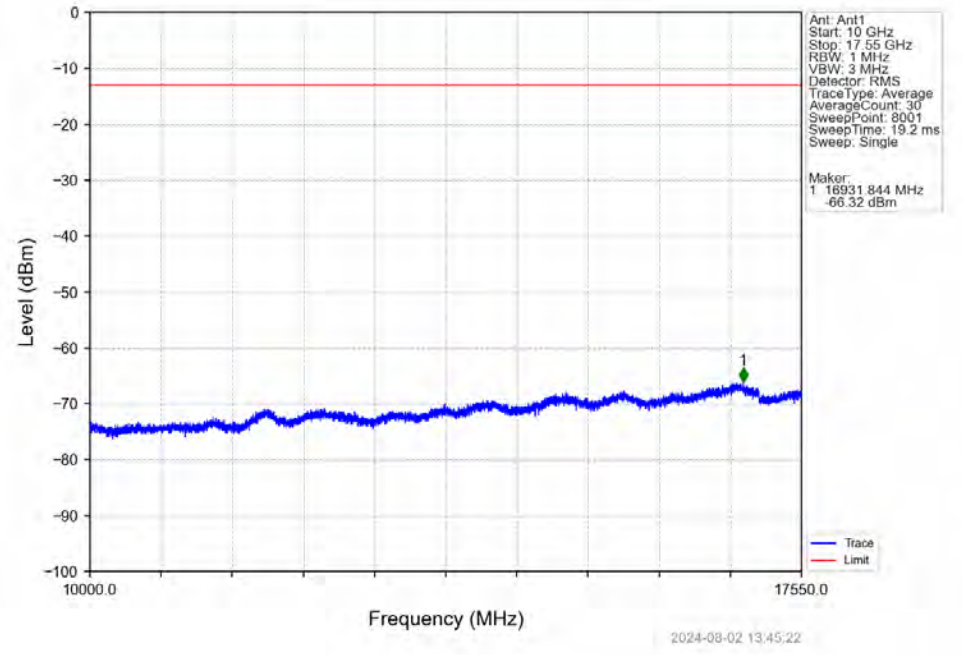


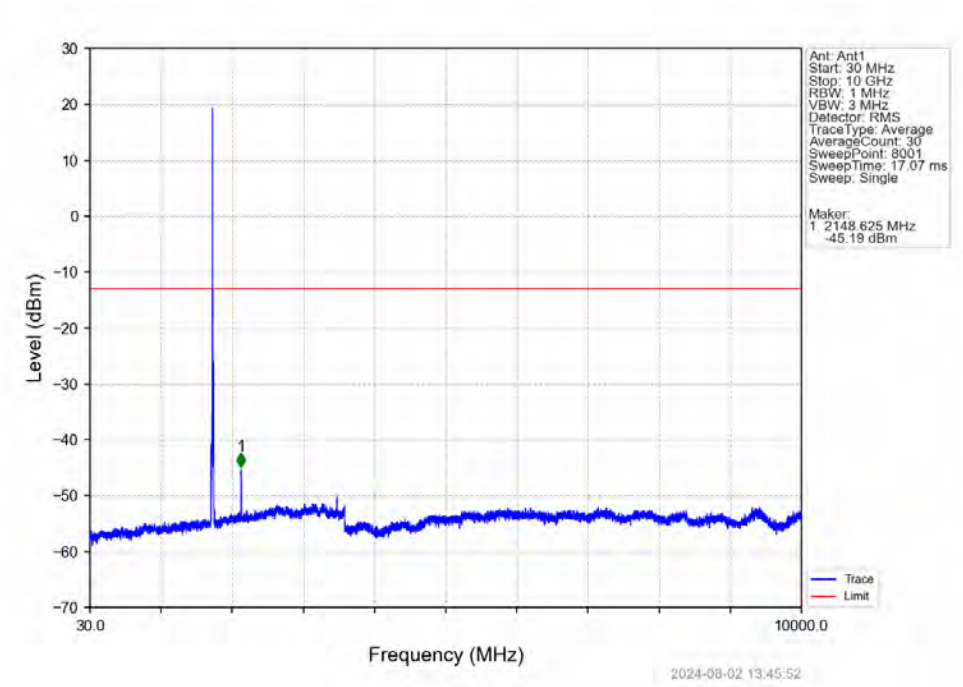
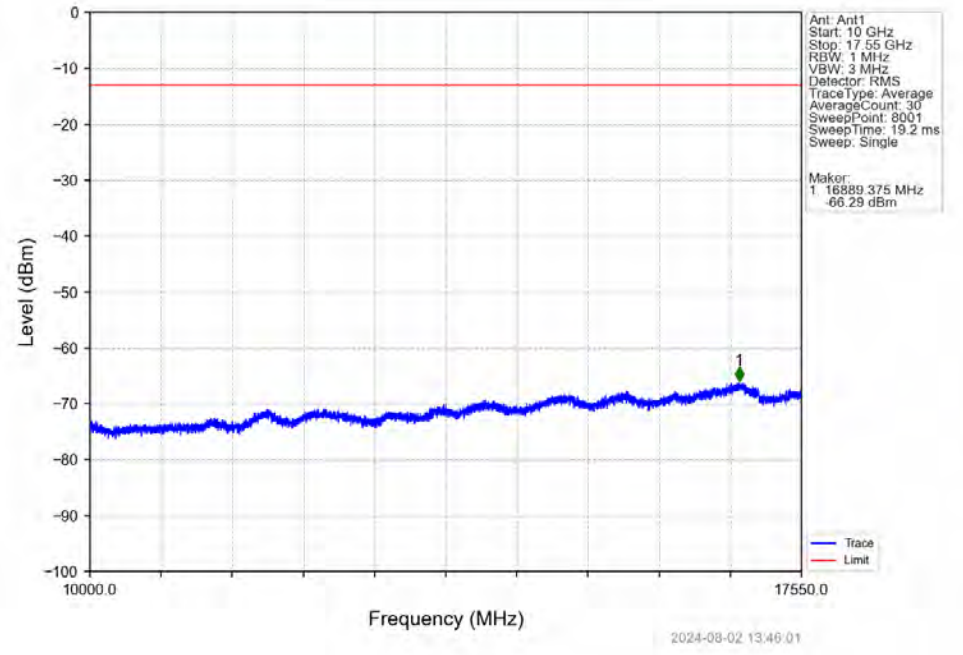
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-27.75	-13	Pass
1709	1710	0.1	/	2	1709.980	-34.91	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

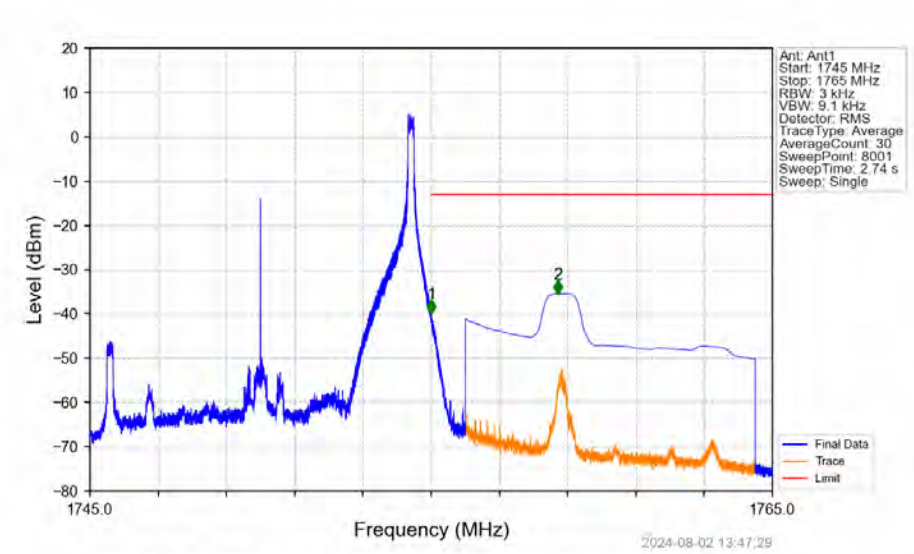


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



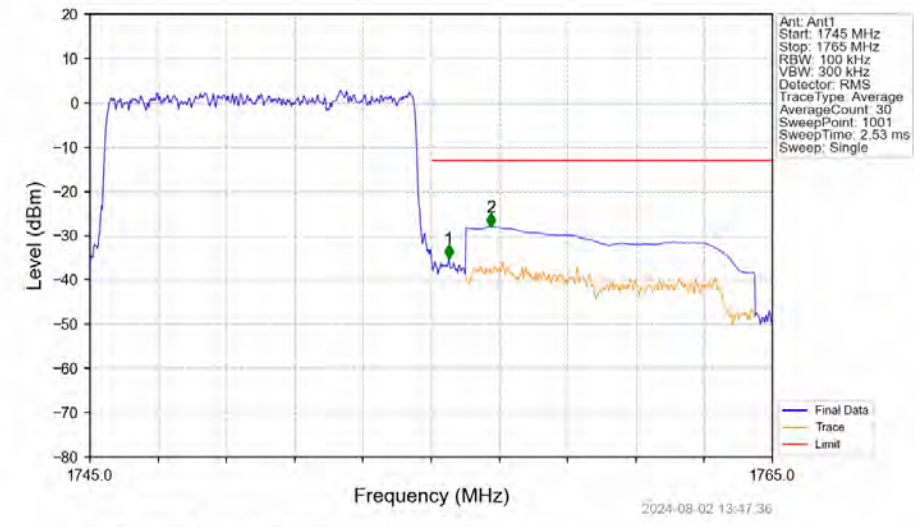
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



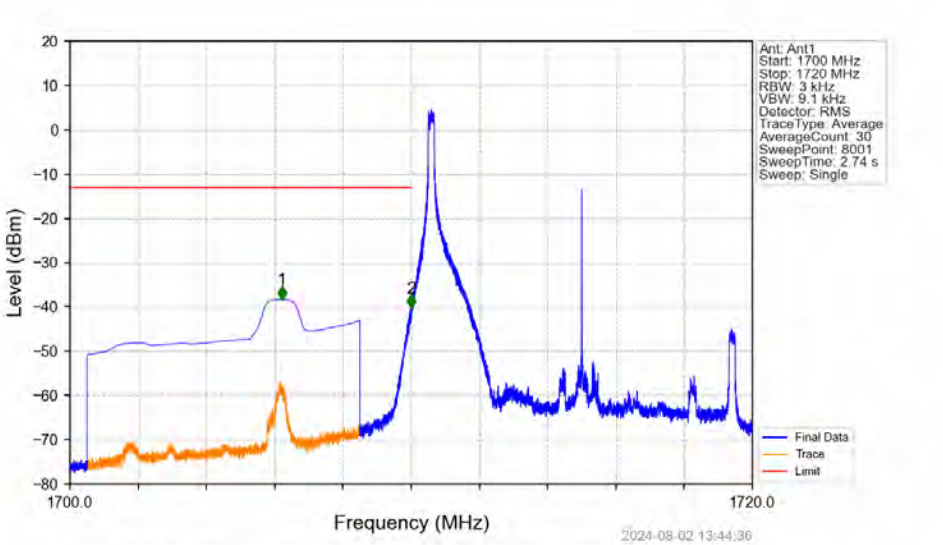
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-39.95	-13	Pass
1756	1765	1	CHP	2	1758.707	-35.43	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



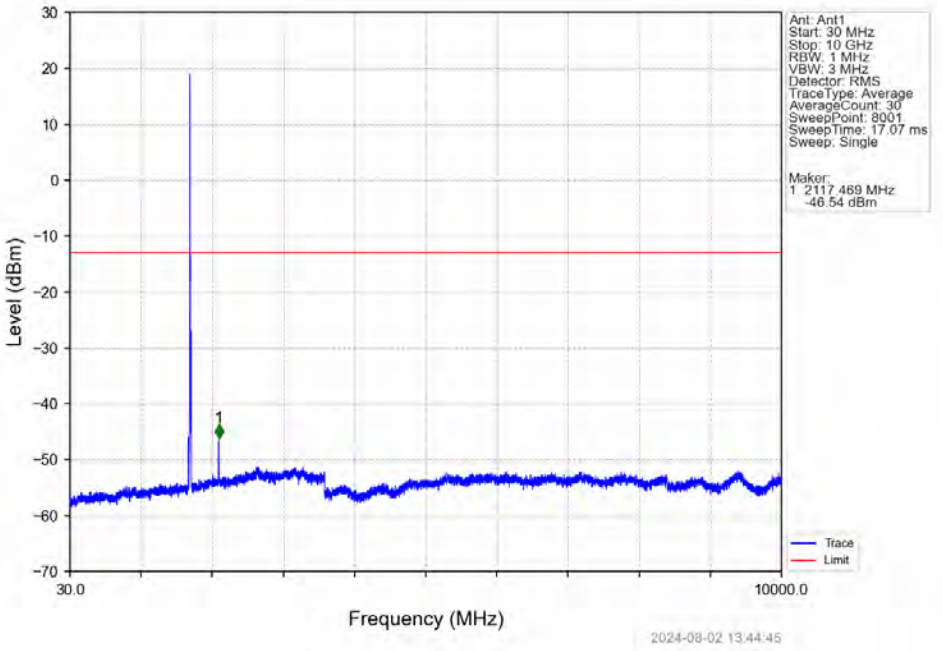
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.520	-35.21	-13	Pass
1756	1765	1	CHP	2	1756.760	-28.00	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

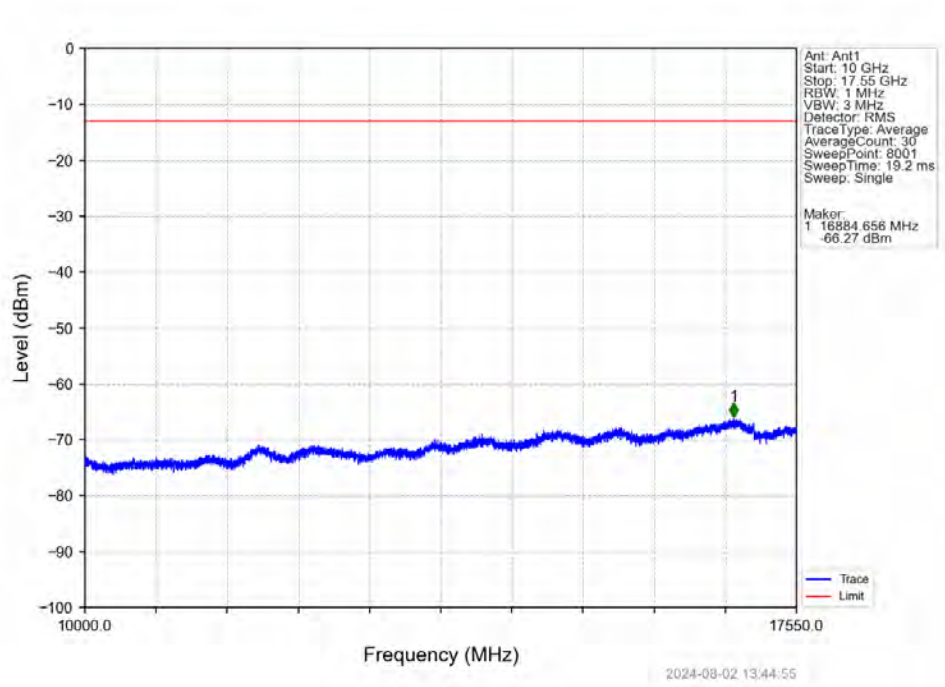


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.207	-38.32	-13	Pass
1709	1710	0.003	/	2	1709.997	-40.23	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

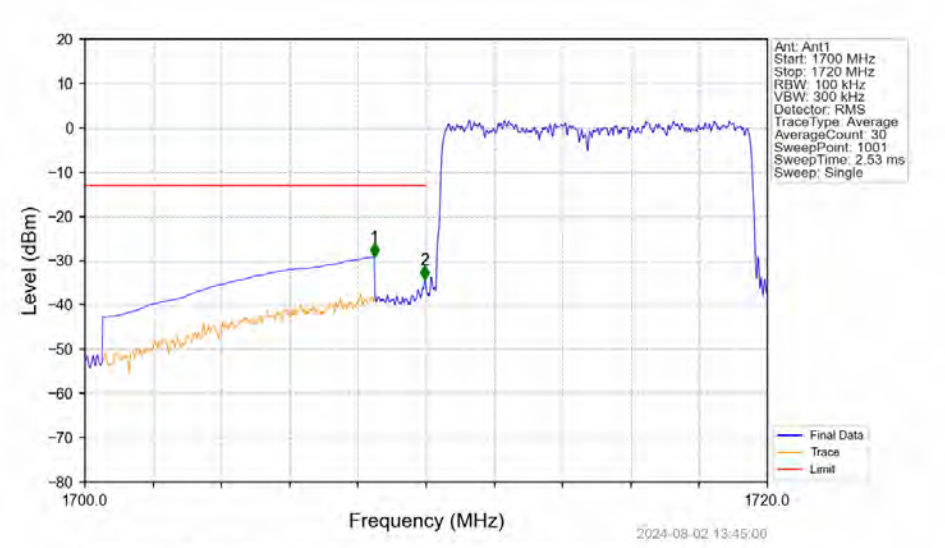
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



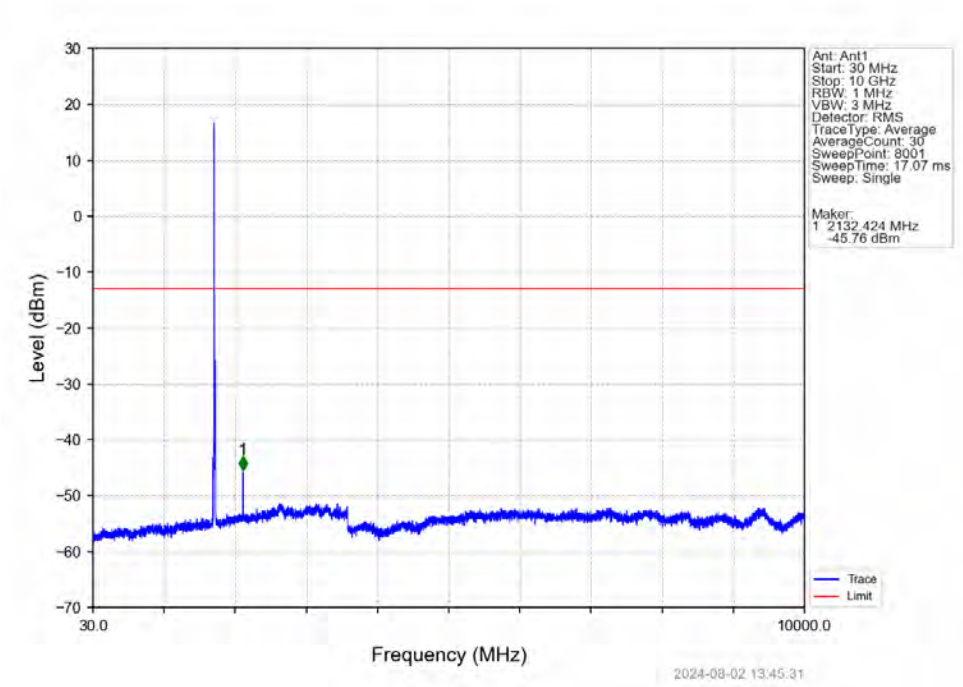
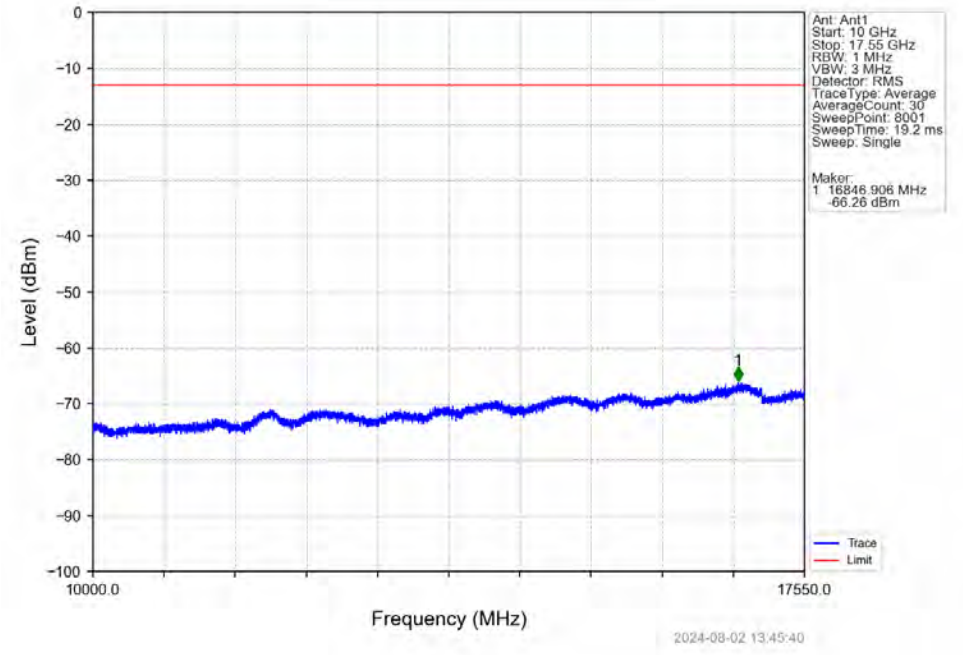
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

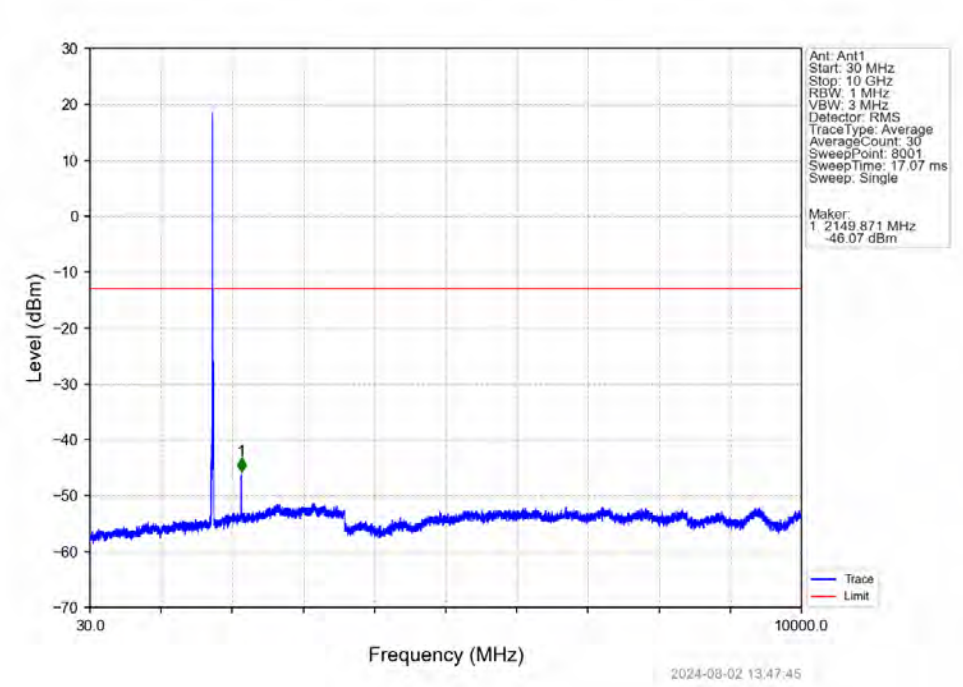
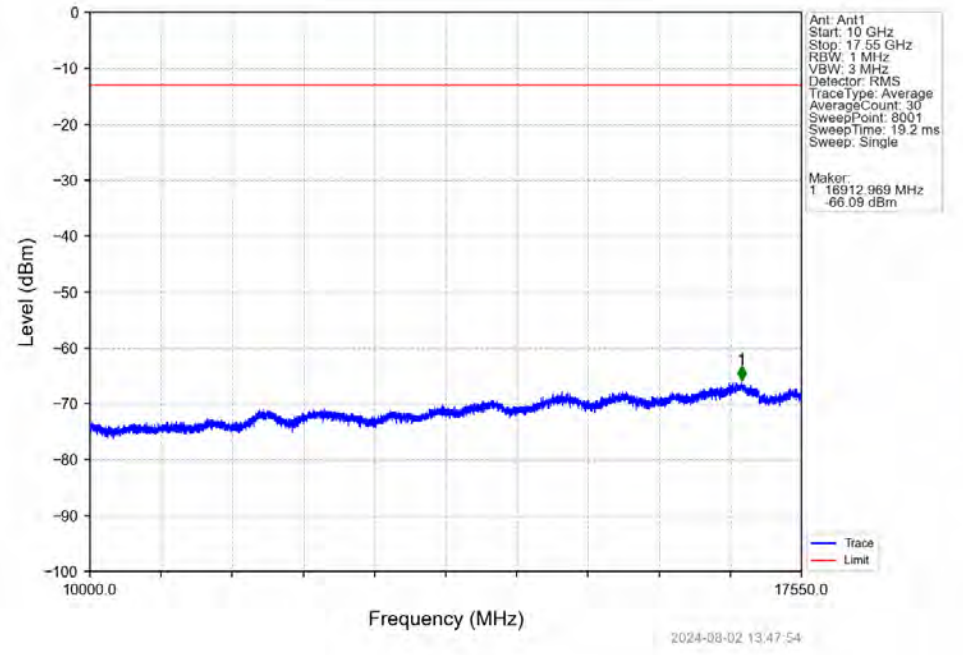


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

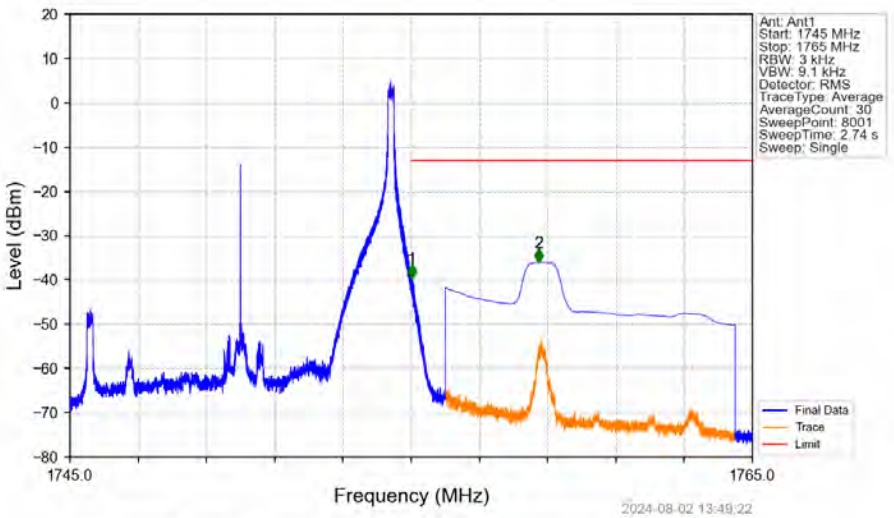


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-29.17	-13	Pass
1709	1710	0.1	/	2	1709.960	-34.20	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV


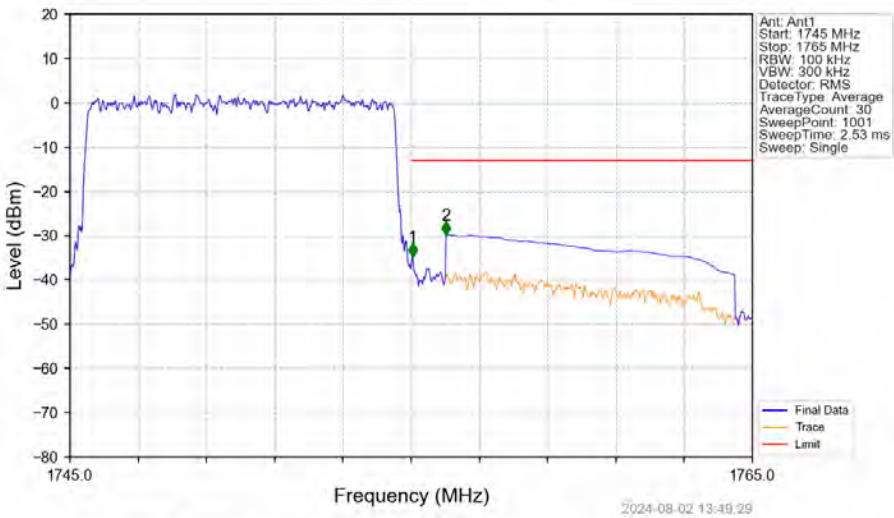
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



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	1755.015	-39.63	-13	Pass
1756	1765	1	CHP	2	1758.733	-36.04	-13	Pass

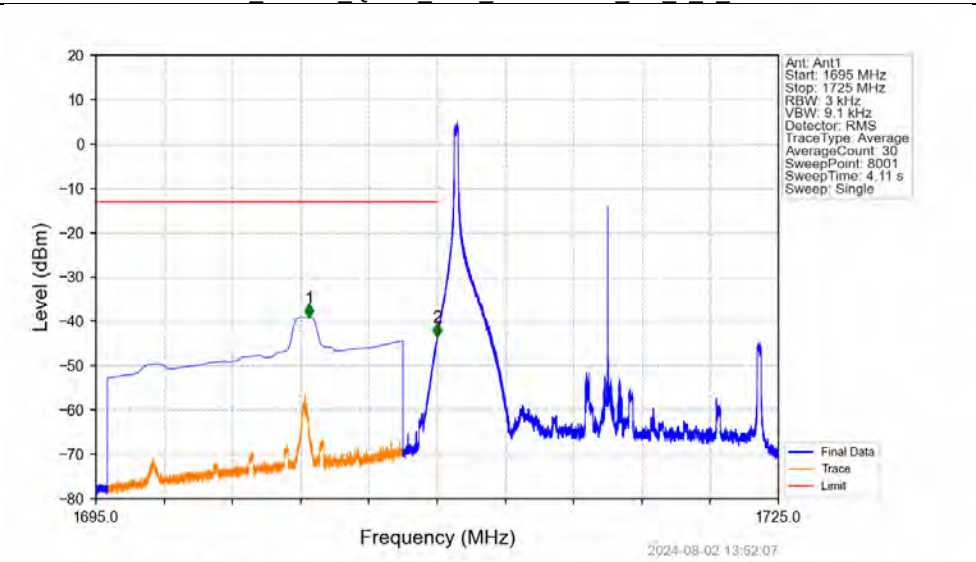
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



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	1755.040	-34.76	-13	Pass
1756	1765	1	CHP	2	1756.020	-29.80	-13	Pass

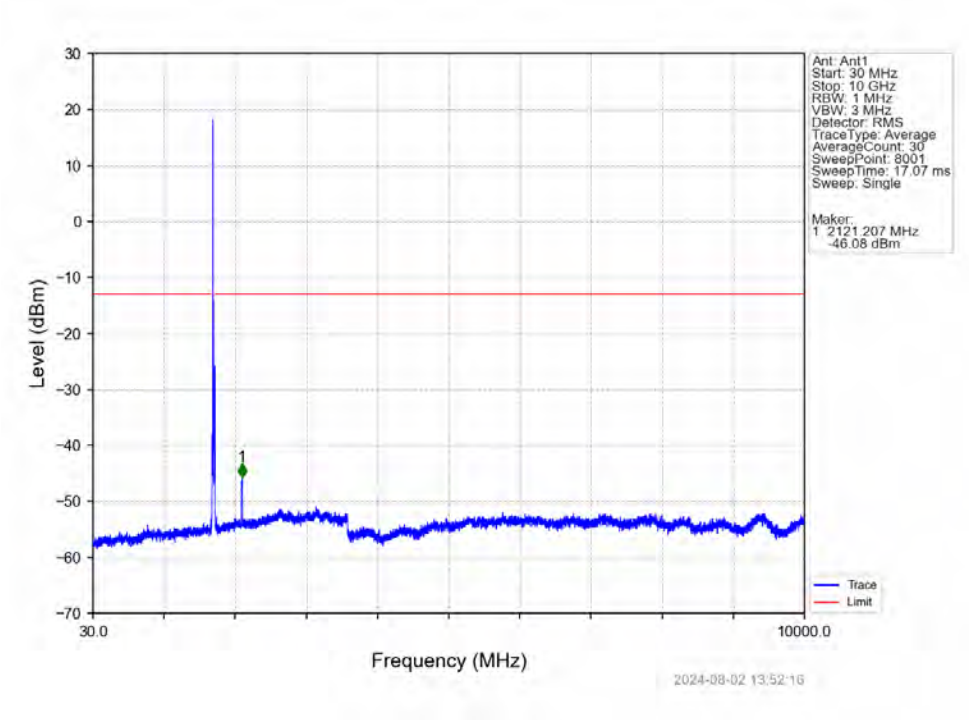
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

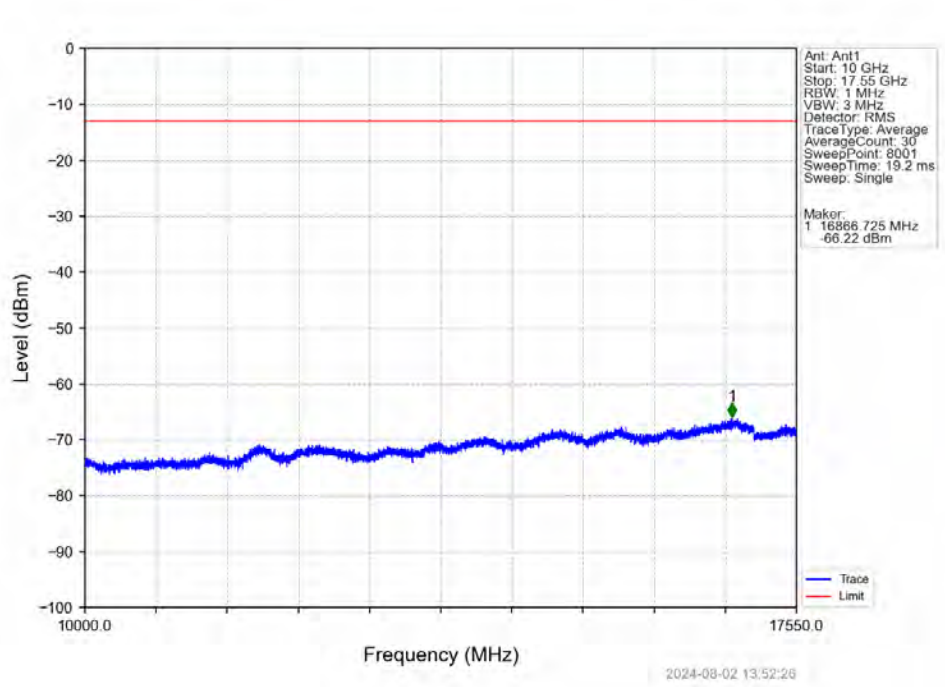


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.368	-39.09	-13	Pass
1709	1710	0.003	/	2	1709.996	-43.46	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

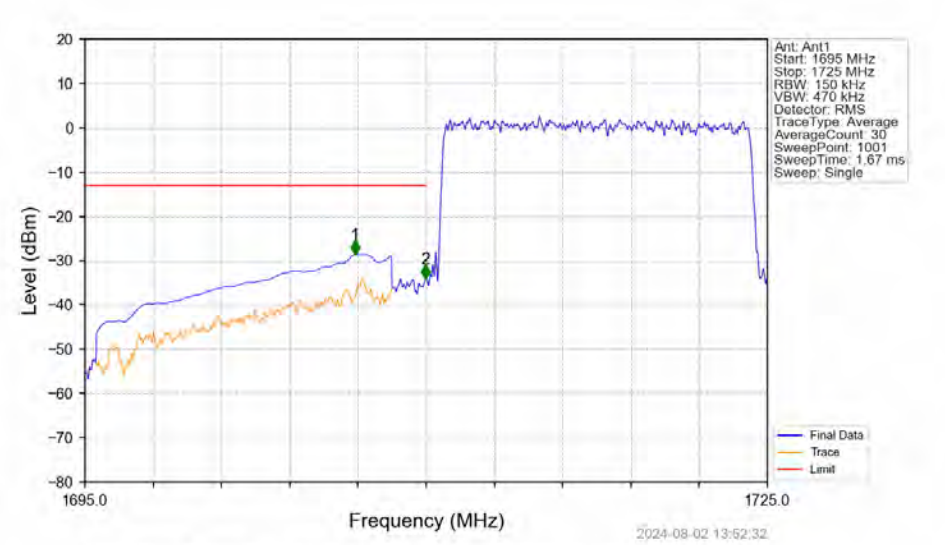
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

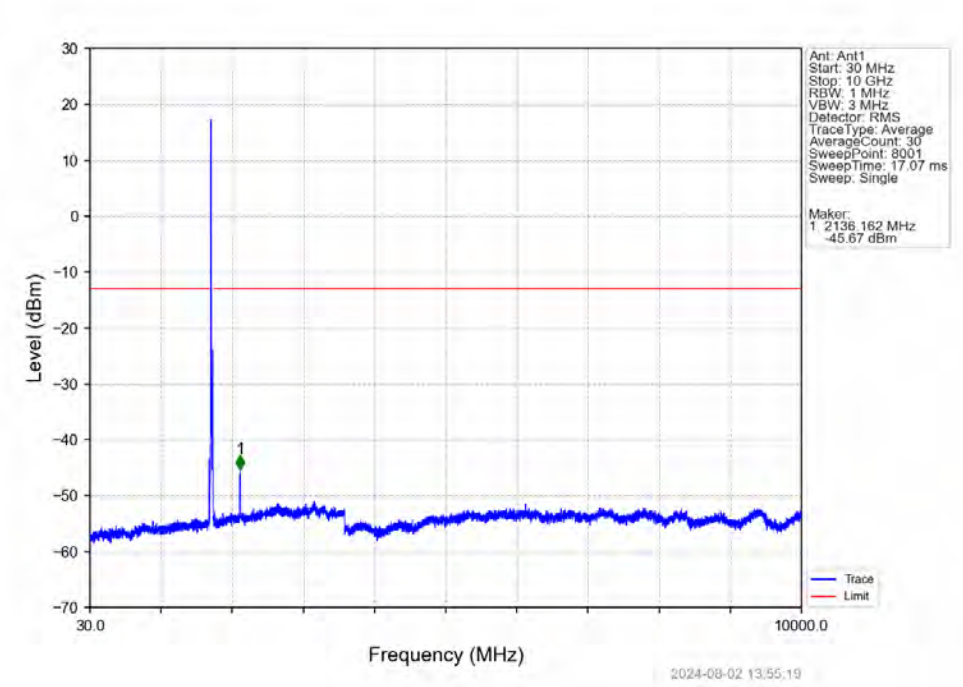


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

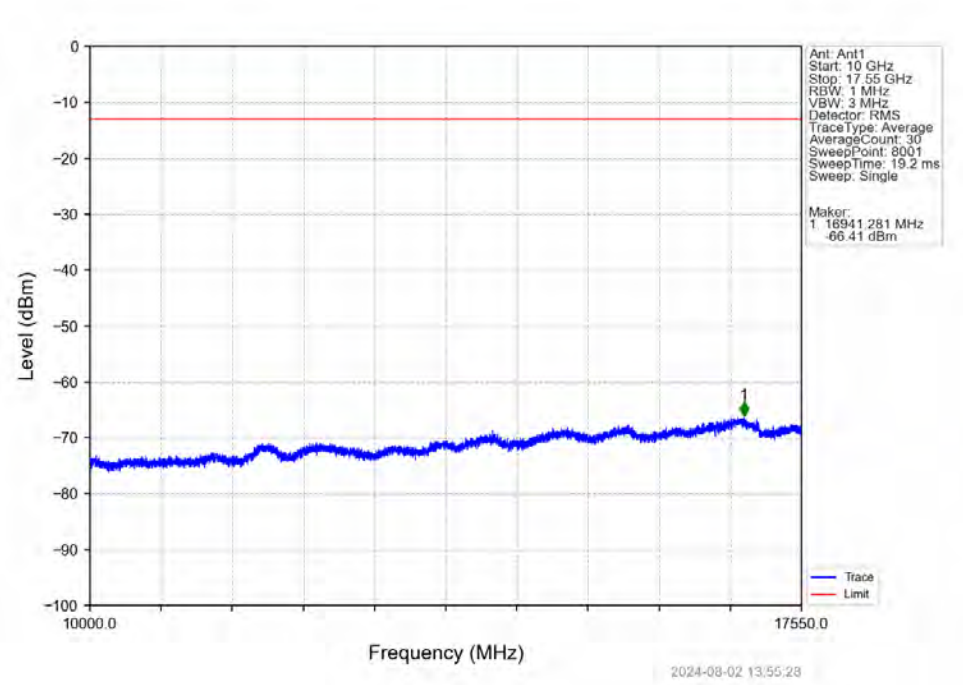


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.880	-28.61	-13	Pass
1709	1710	0.15	/	2	1709.970	-34.05	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

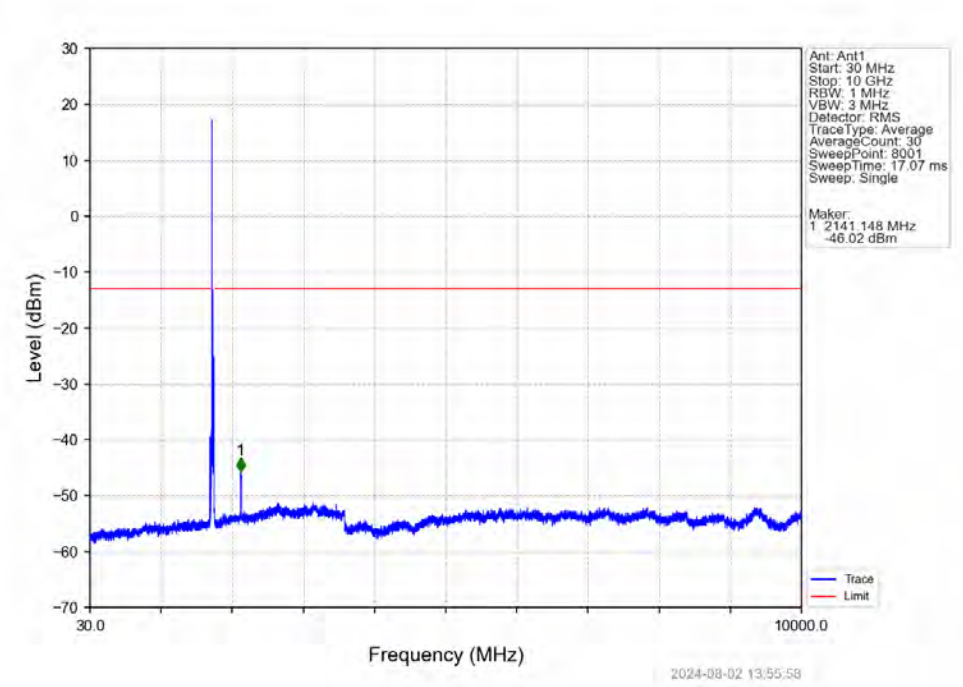
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



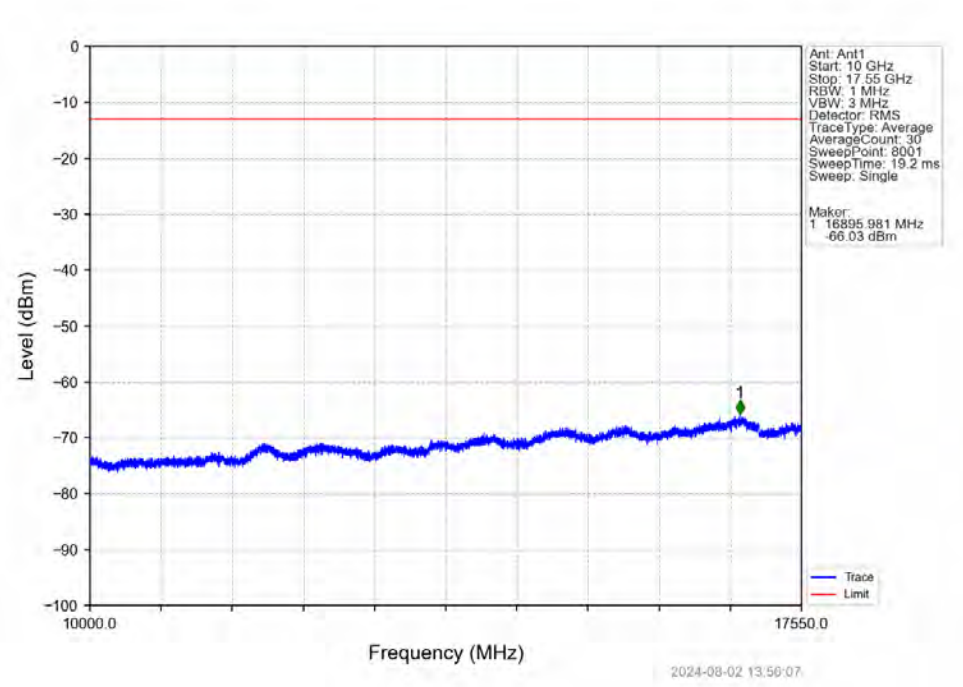
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



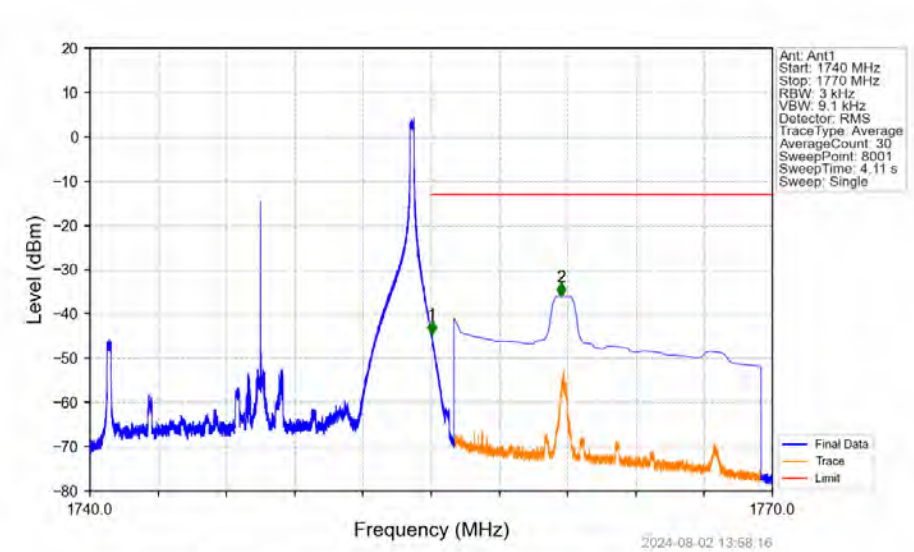
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

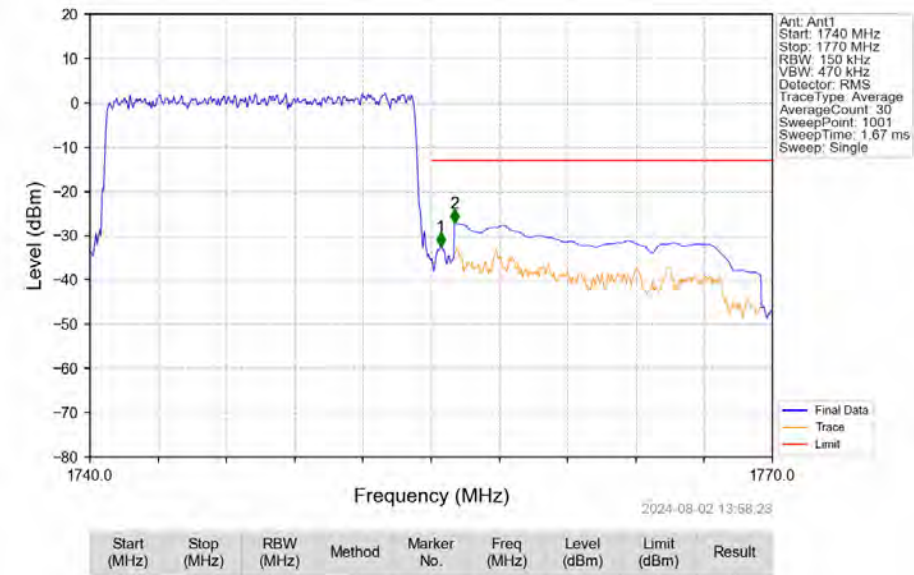


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



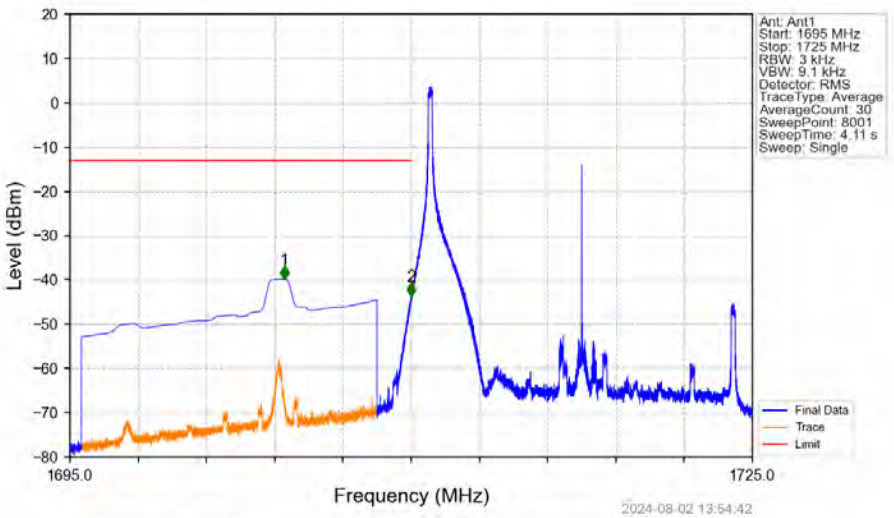
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.019	-44.65	-13	Pass
1756	1770	1	CHP	2	1760.707	-36.02	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



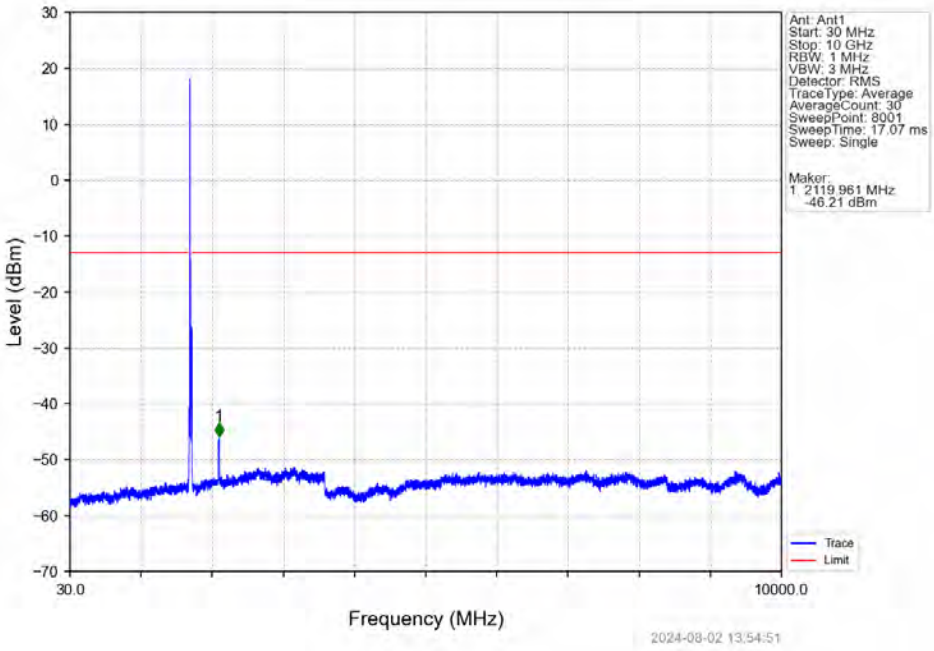
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.420	-32.42	-13	Pass
1756	1770	1	CHP	2	1756.020	-27.04	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

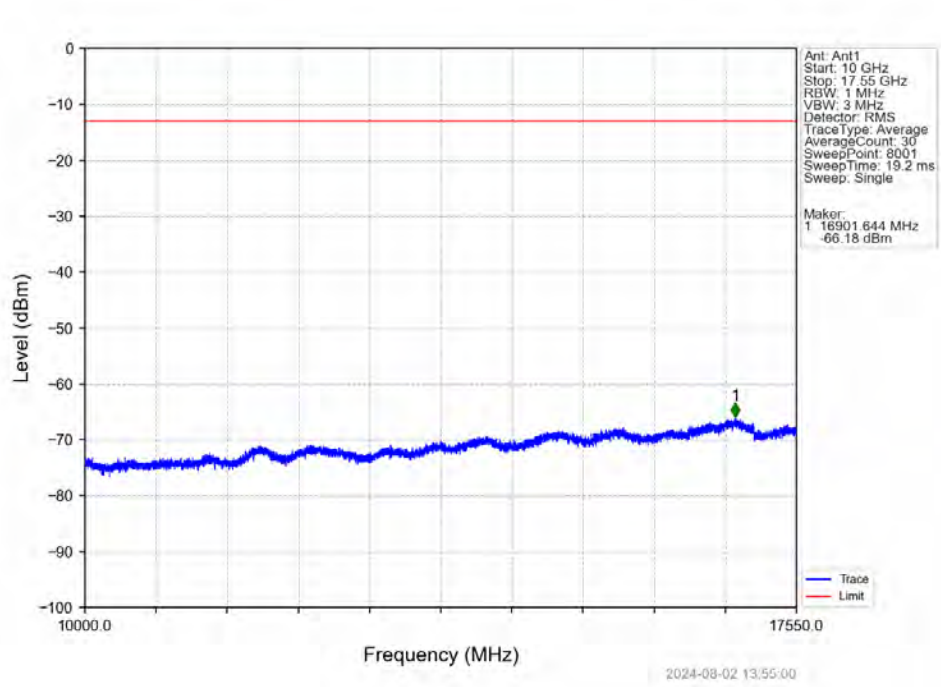


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.416	-39.82	-13	Pass
1709	1710	0.003	/	2	1709.996	-43.63	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

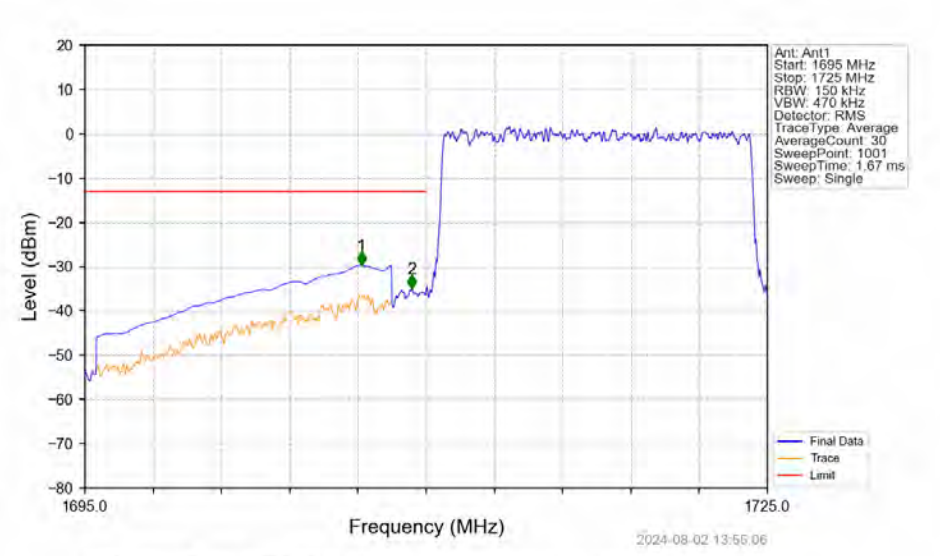
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

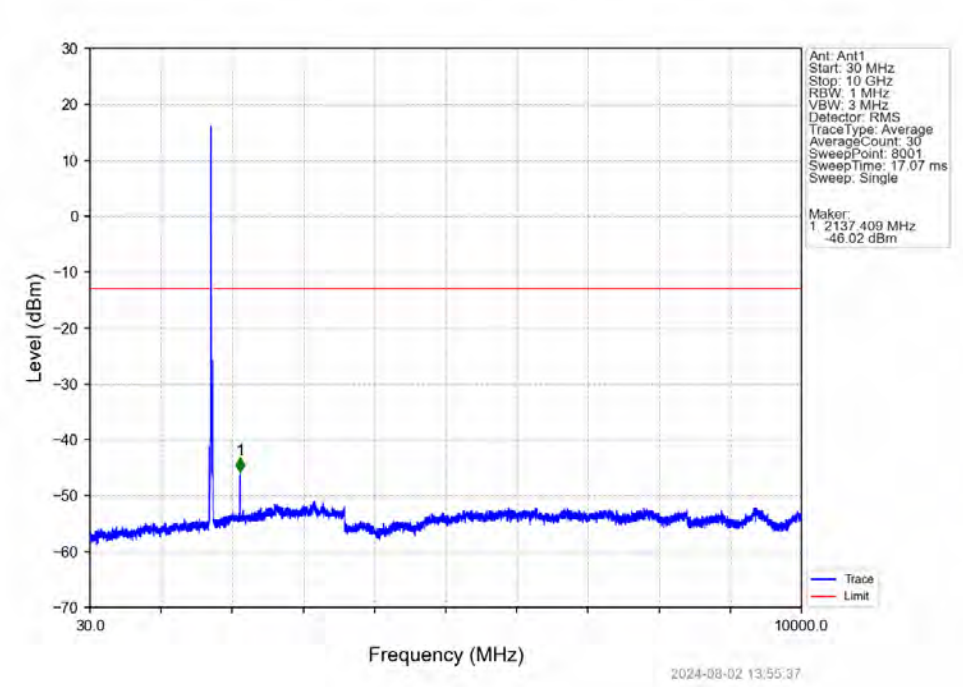


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

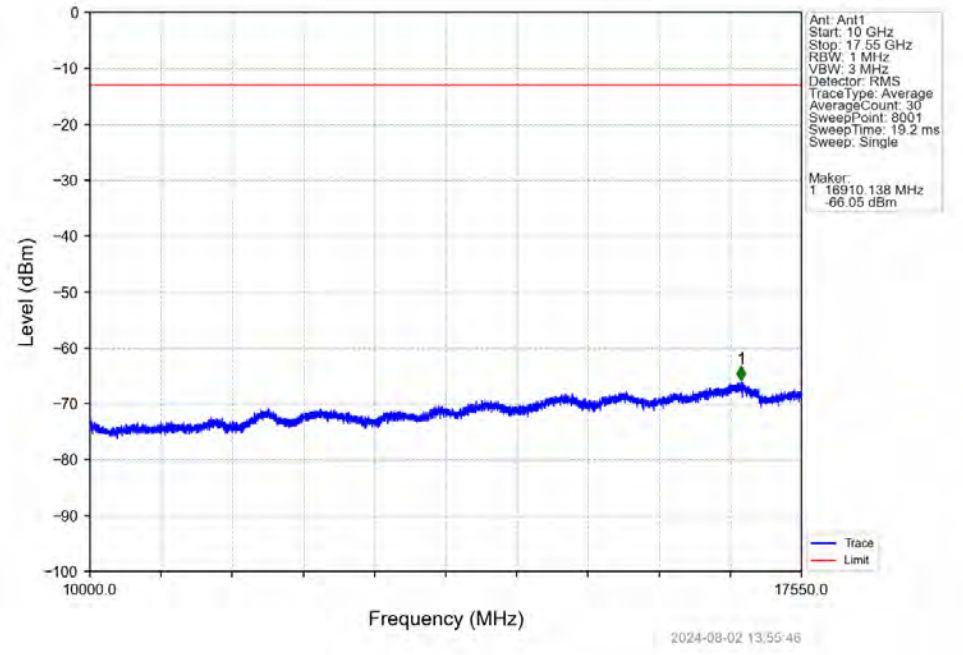


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.150	-29.62	-13	Pass
1709	1710	0.15	/	2	1709.370	-35.00	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

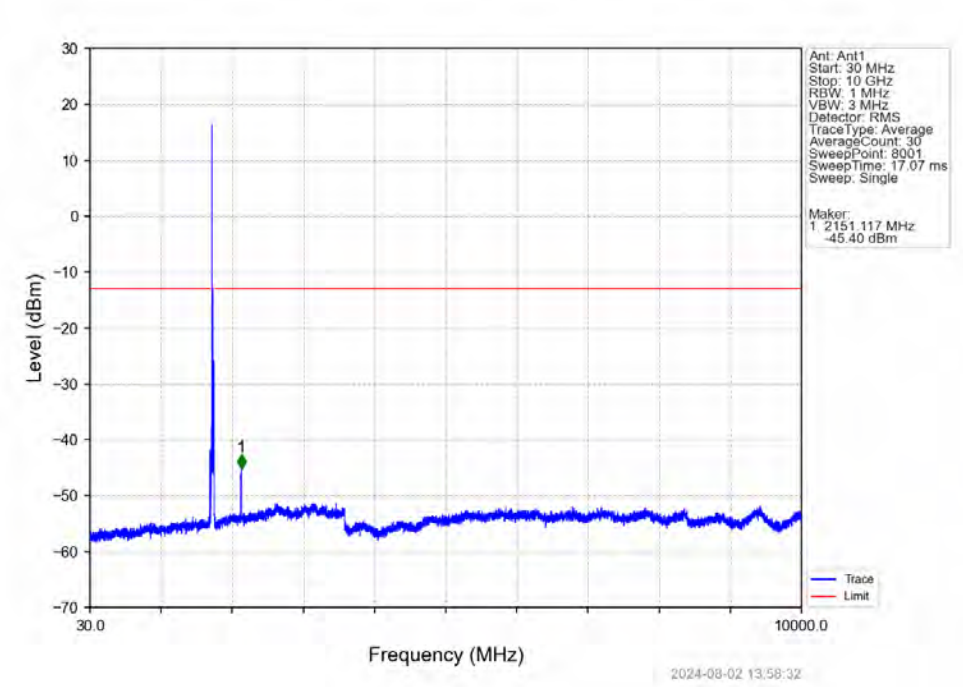
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



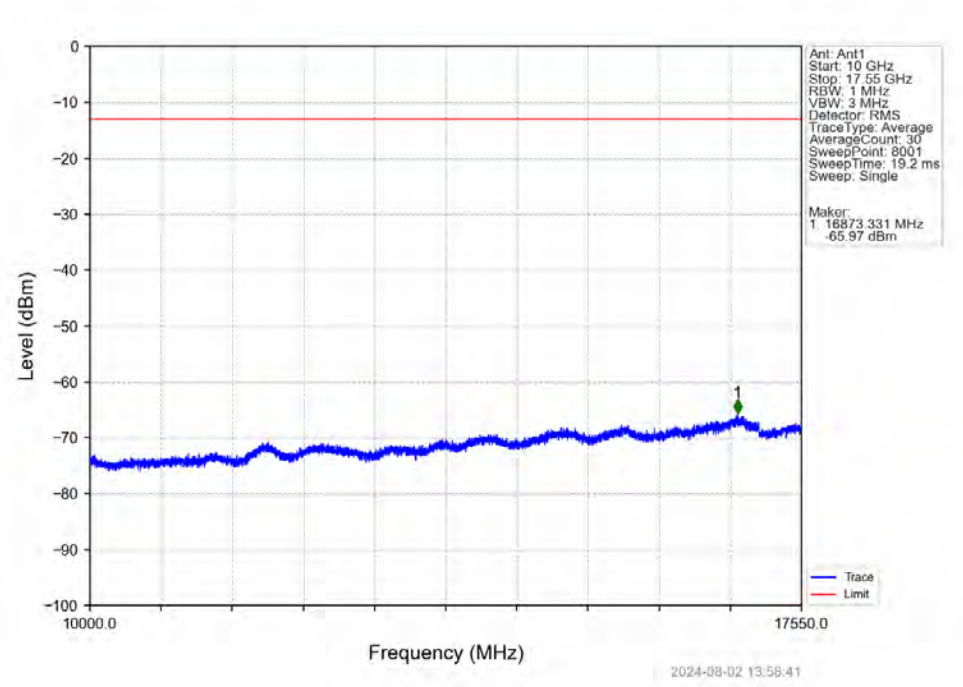
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



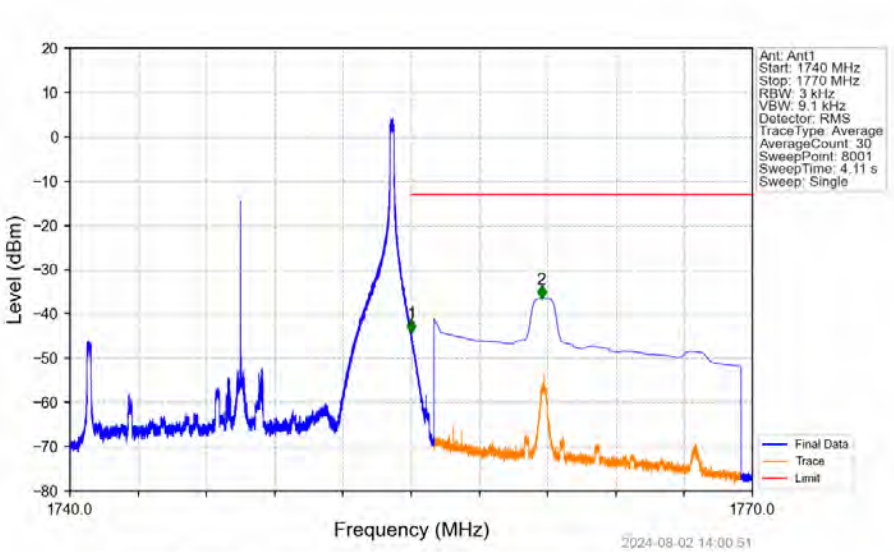
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

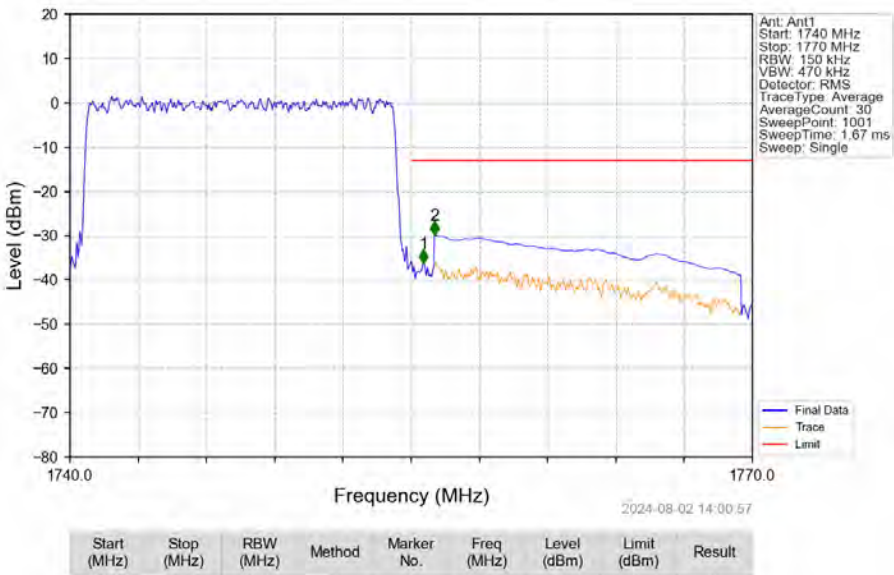


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-44.27	-13	Pass
1756	1770	1	CHP	2	1760.730	-36.53	-13	Pass

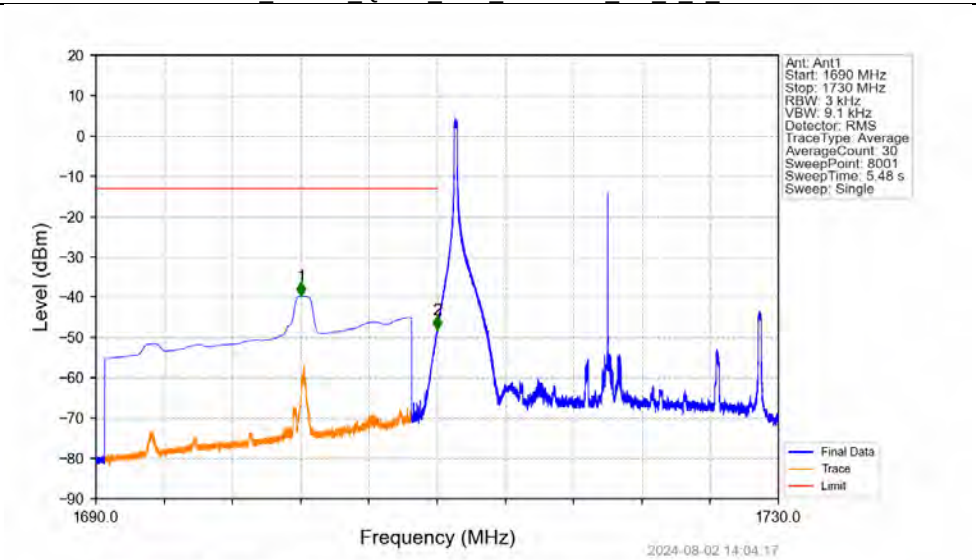
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.540	-36.17	-13	Pass
1756	1770	1	CHP	2	1756.020	-29.81	-13	Pass

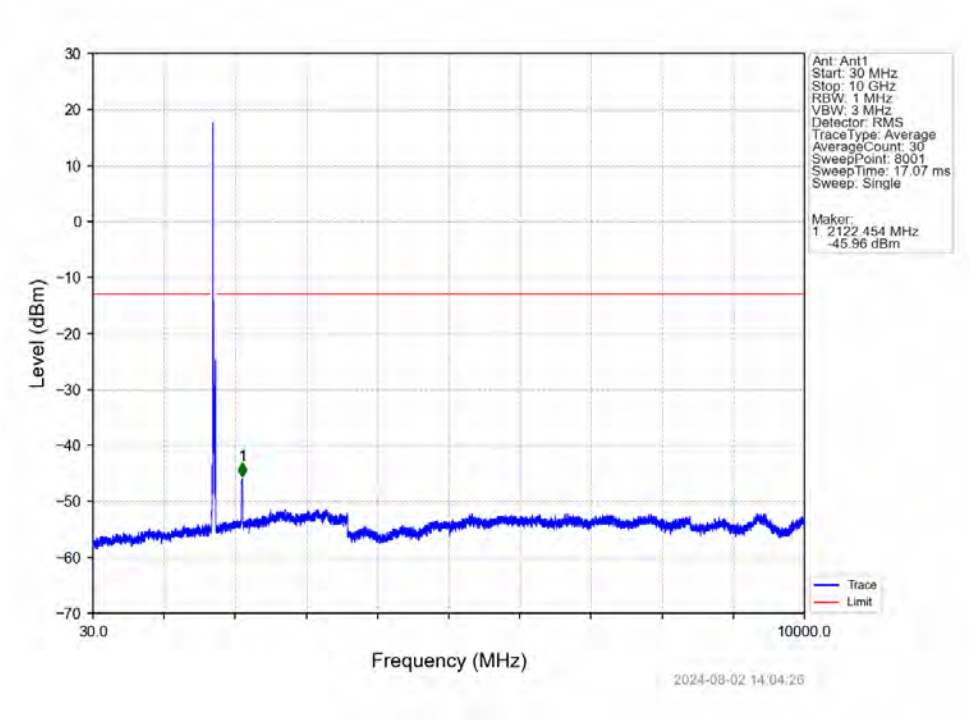
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

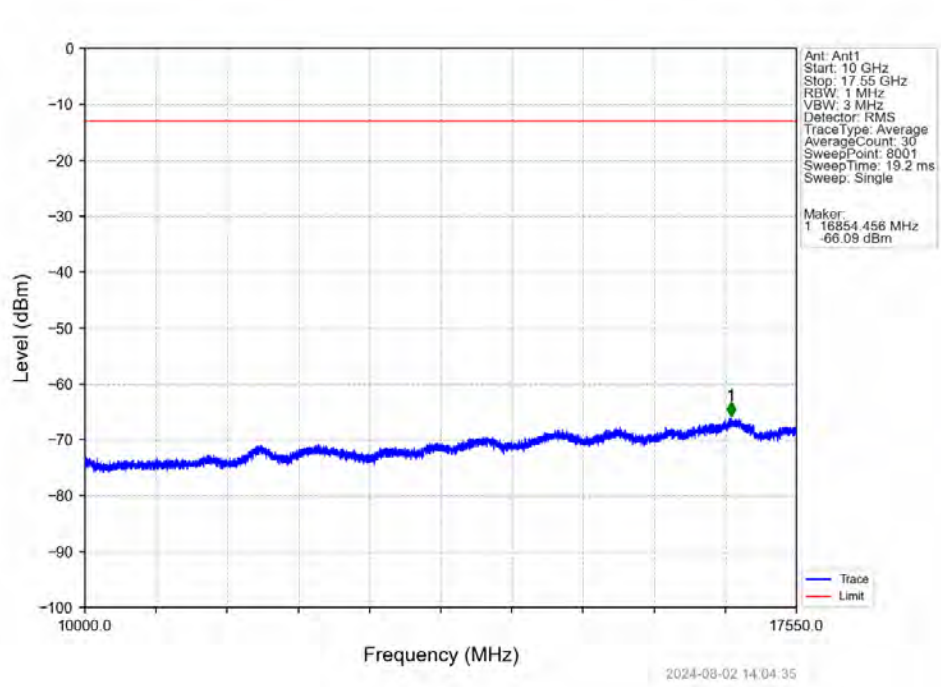


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.020	-39.62	-13	Pass
1709	1710	0.003	/	2	1709.995	-48.01	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

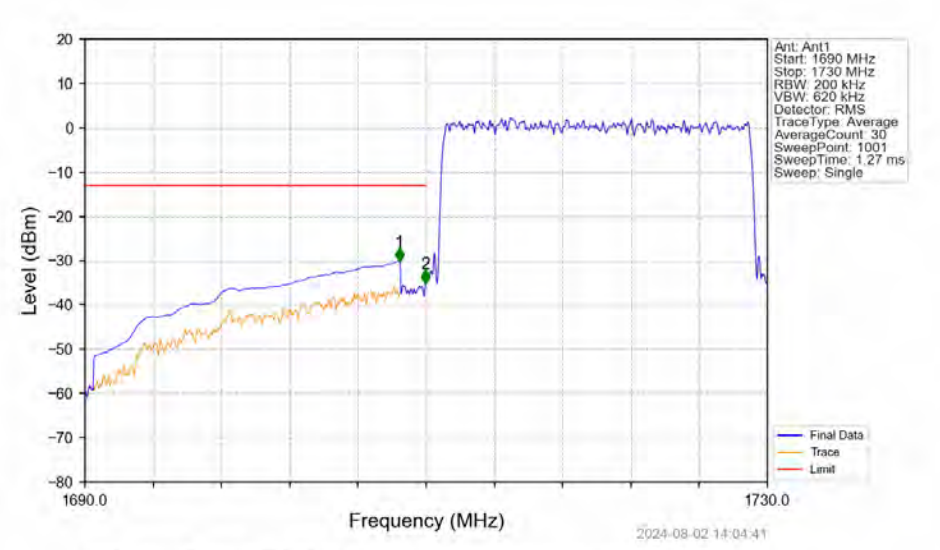
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

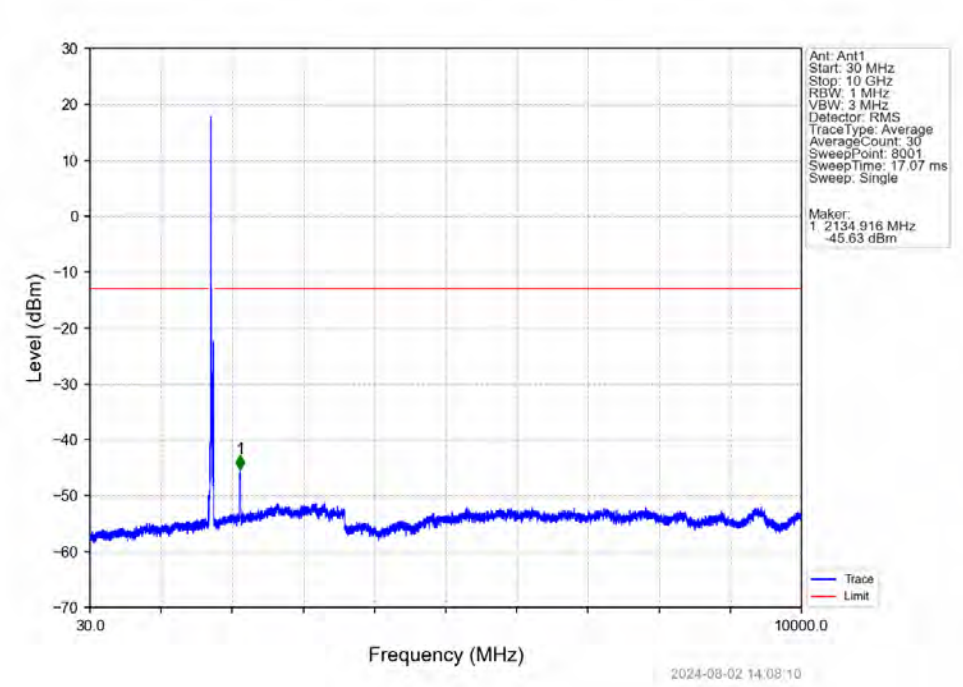


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

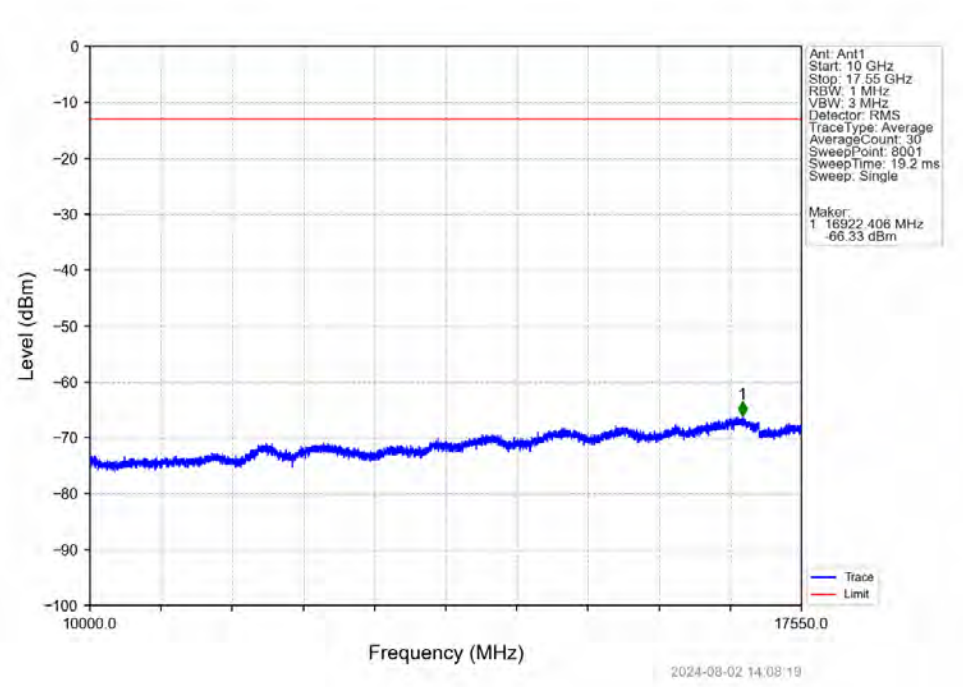


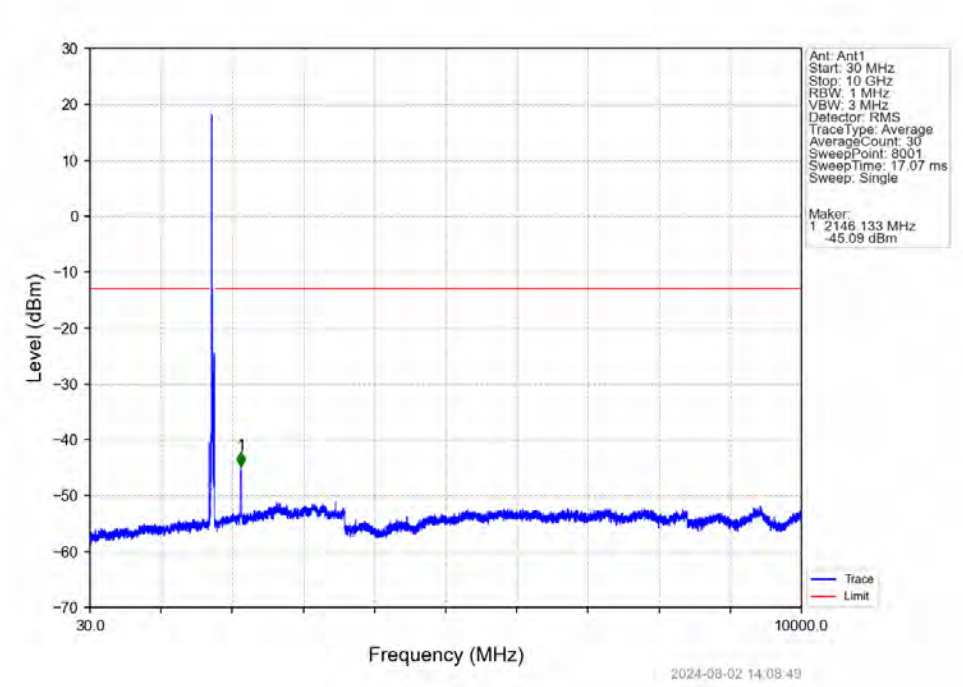
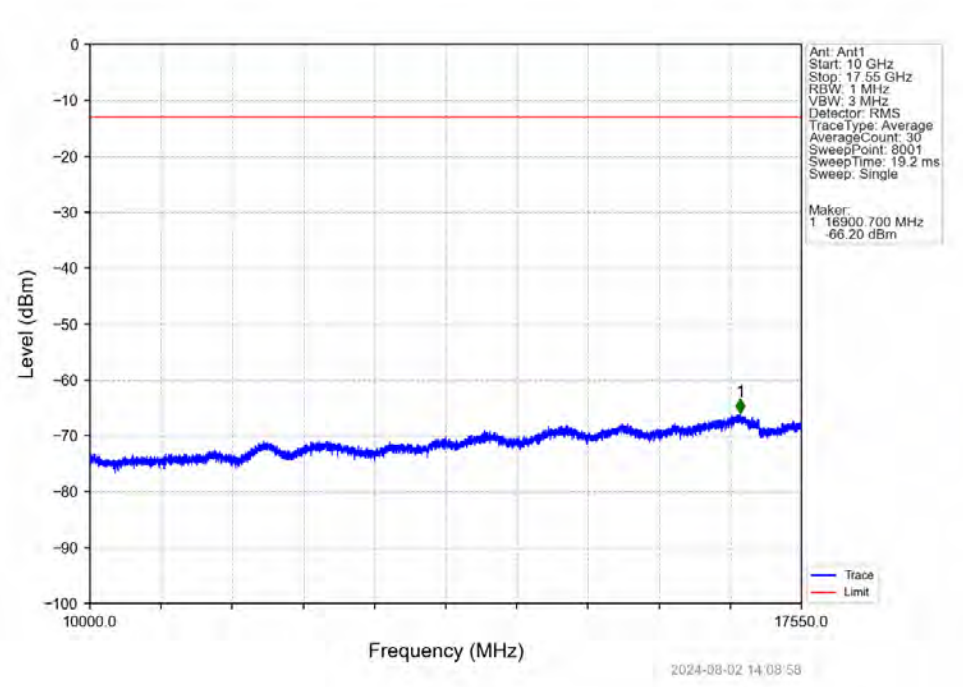
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.440	-30.15	-13	Pass
1709	1710	0.2	/	2	1709.960	-35.10	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

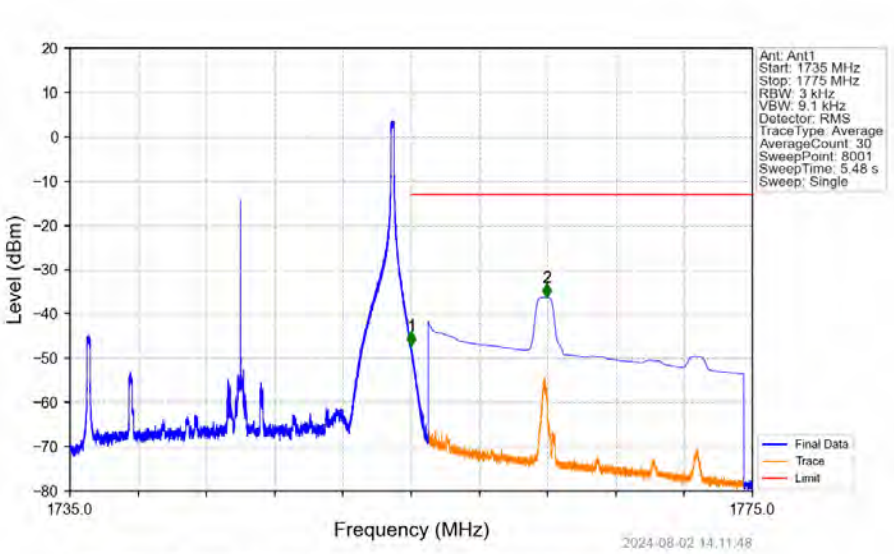


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



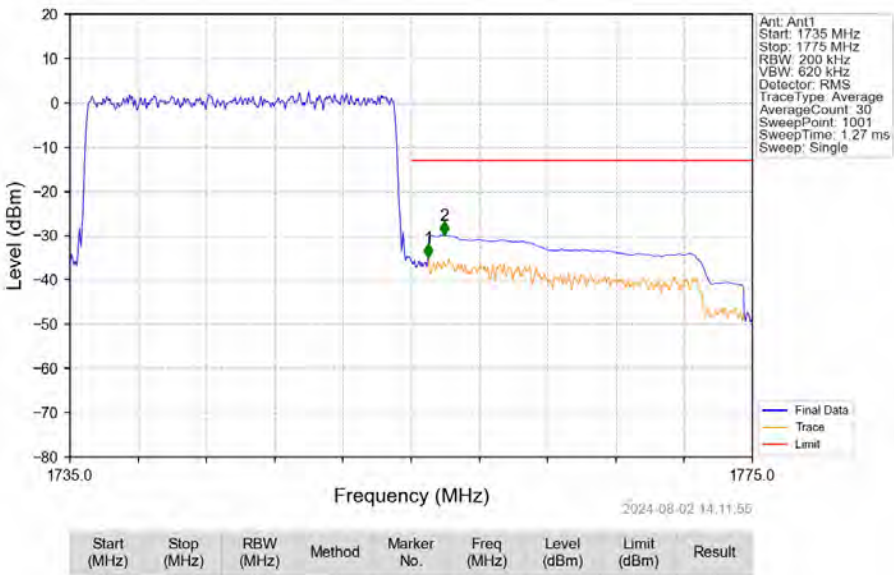
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



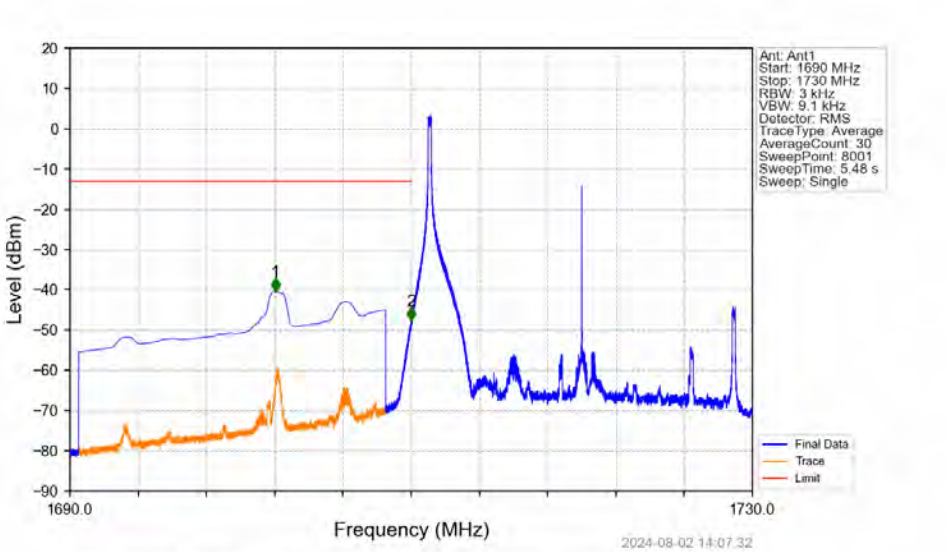
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-47.24	-13	Pass
1756	1775	1	CHP	2	1762.935	-36.22	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



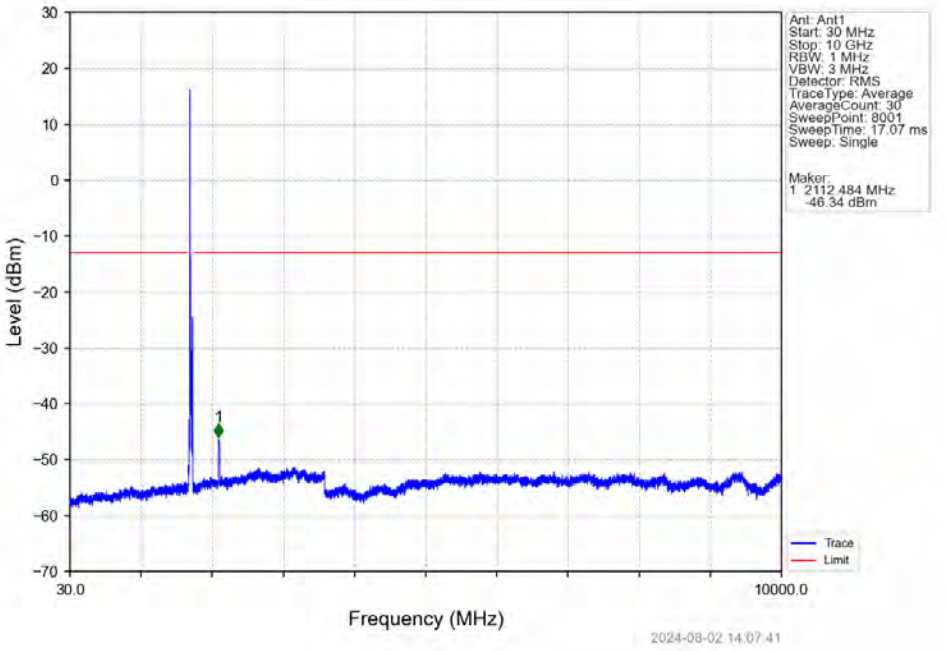
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1756.000	-34.88	-13	Pass
1756	1775	1	CHP	2	1756.960	-29.86	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

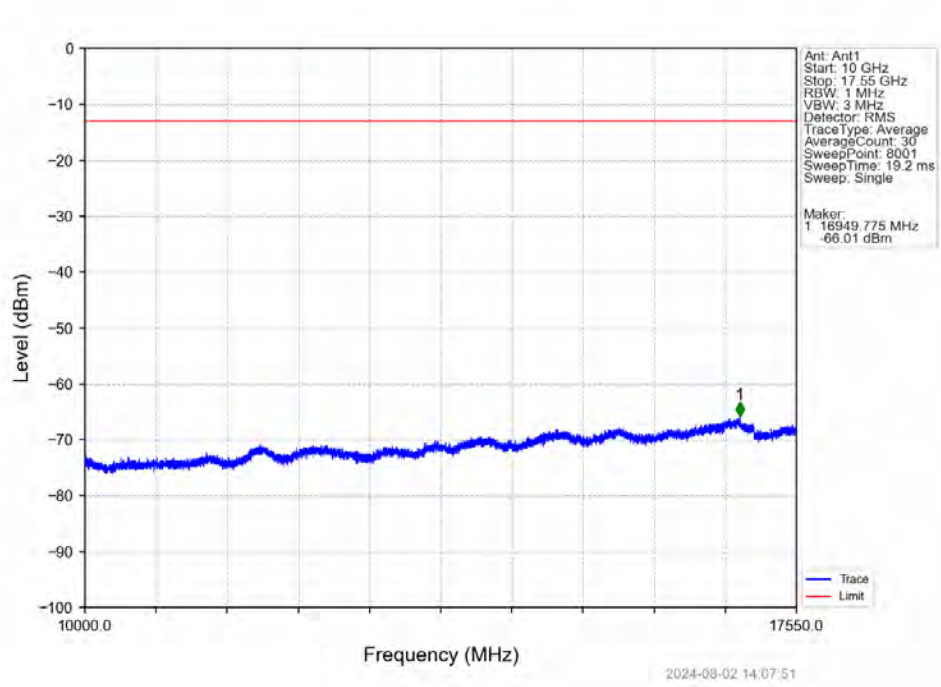


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.040	-40.46	-13	Pass
1709	1710	0.003	/	2	1709.995	-47.71	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

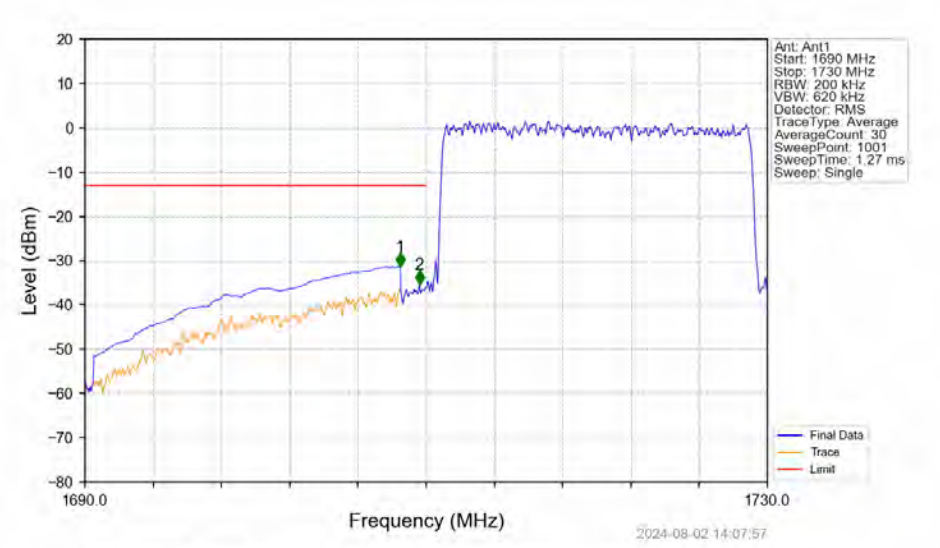
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

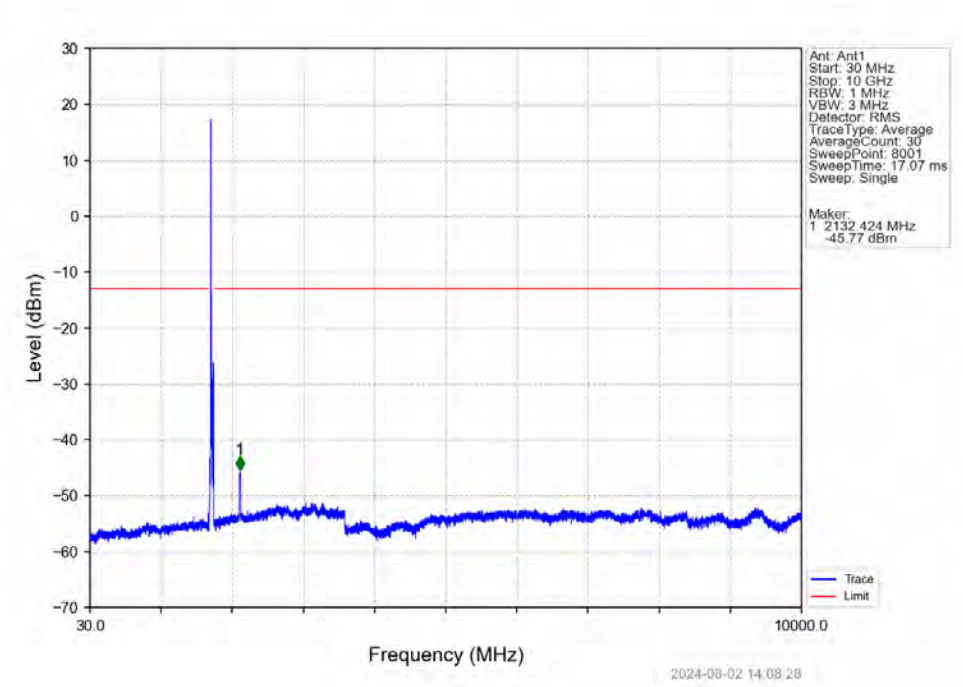


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

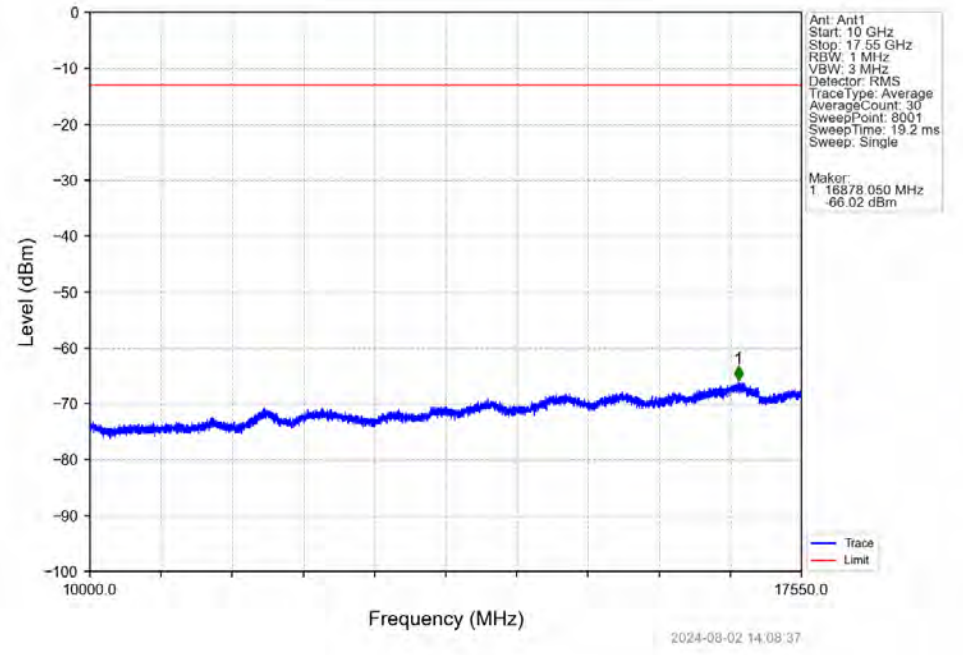


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-31.26	-13	Pass
1709	1710	0.2	/	2	1709.600	-35.32	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

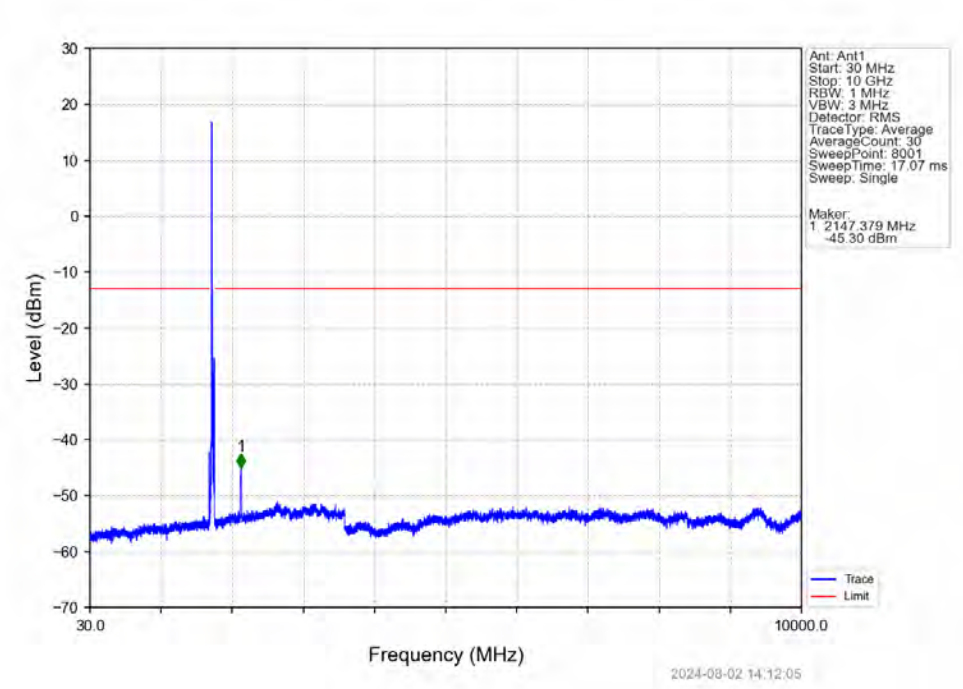
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



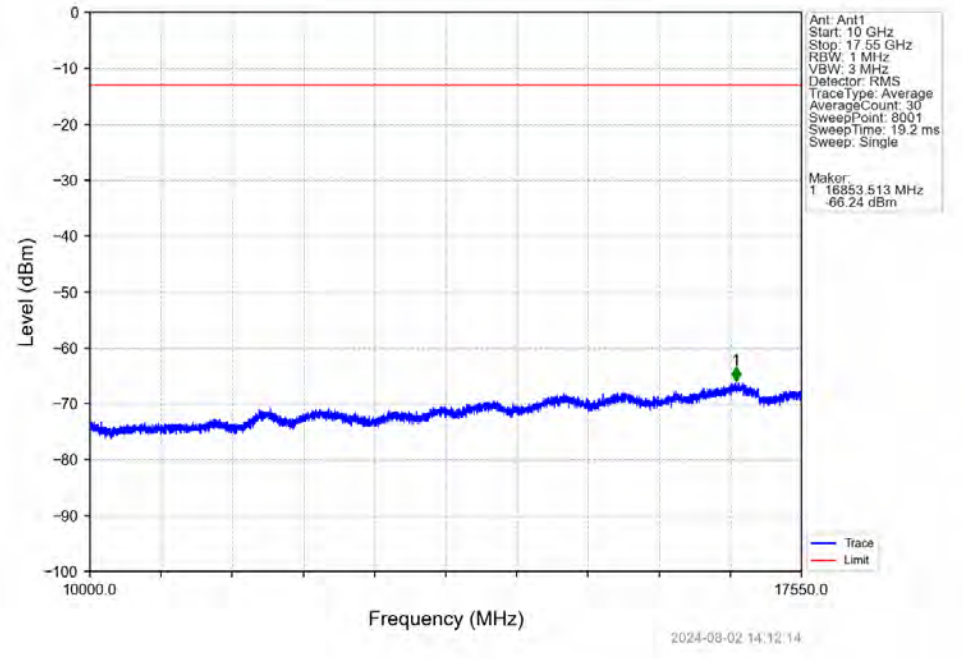
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



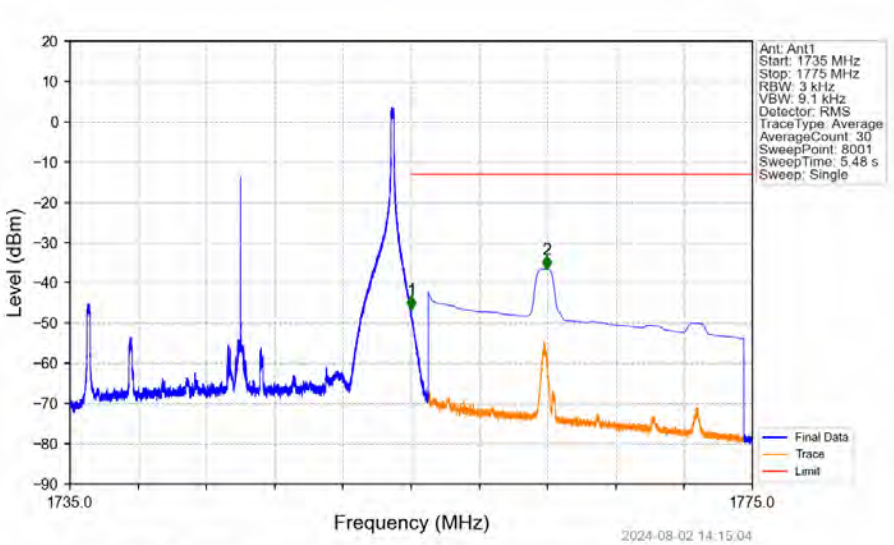
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

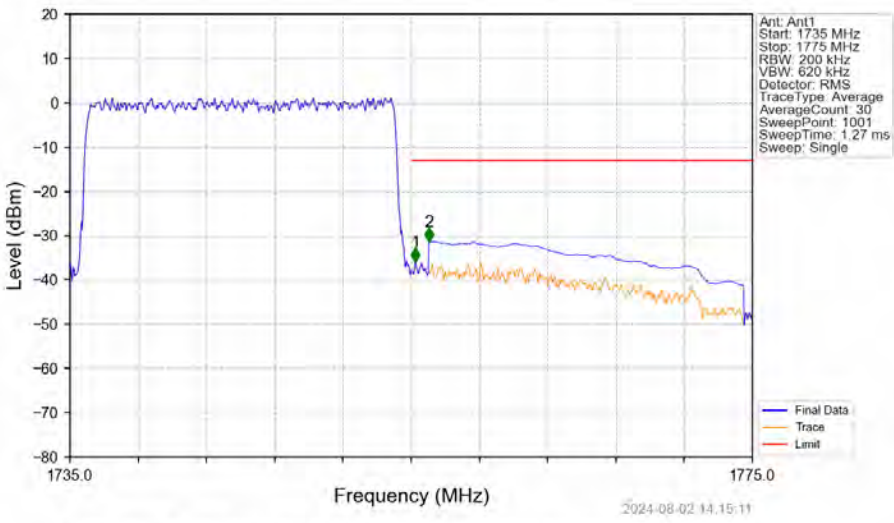


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



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	-46.57	-13	Pass
1756	1775	1	CHP	2	1762.935	-36.58	-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	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.240	-35.79	-13	Pass
1756	1775	1	CHP	2	1756.040	-31.34	-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	0.1349	0.0074	ppm	1M12G7D	27L	21.30
4	1.4	1710.7	1754.3	0.1143	0.0092	ppm	1M11W7D	27L	20.58
4	3	1711.5	1753.5	0.1380	0.0102	ppm	2M74G7D	27L	21.40
4	3	1711.5	1753.5	0.1250	0.0079	ppm	2M72W7D	27L	20.97
4	5	1712.5	1752.5	0.1315	0.0073	ppm	4M54G7D	27L	21.19
4	5	1712.5	1752.5	0.1135	0.0073	ppm	4M55W7D	27L	20.55
4	10	1715	1750	0.1380	0.0105	ppm	9M07G7D	27L	21.40
4	10	1715	1750	0.1227	0.0057	ppm	9M07W7D	27L	20.89
4	15	1717.5	1747.5	0.1315	0.0063	ppm	13M6G7D	27L	21.19
4	15	1717.5	1747.5	0.1178	0.0055	ppm	13M6W7D	27L	20.71
4	20	1720	1745	0.1352	0.0071	ppm	18M2G7D	27L	21.31
4	20	1720	1745	0.1239	0.0079	ppm	18M2W7D	27L	20.93

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	0.1563	0.0074	ppm	1M12G7D	27L	21.94
4	1.4	1710.7	1754.3	0.1324	0.0092	ppm	1M11W7D	27L	21.22
4	3	1711.5	1753.5	0.1600	0.0102	ppm	2M74G7D	27L	22.04
4	3	1711.5	1753.5	0.1449	0.0079	ppm	2M72W7D	27L	21.61
4	5	1712.5	1752.5	0.1524	0.0073	ppm	4M54G7D	27L	21.83
4	5	1712.5	1752.5	0.1315	0.0073	ppm	4M55W7D	27L	21.19
4	10	1715	1750	0.1600	0.0105	ppm	9M07G7D	27L	22.04
4	10	1715	1750	0.1422	0.0057	ppm	9M07W7D	27L	21.53
4	15	1717.5	1747.5	0.1524	0.0063	ppm	13M6G7D	27L	21.83
4	15	1717.5	1747.5	0.1365	0.0055	ppm	13M6W7D	27L	21.35
4	20	1720	1745	0.1567	0.0071	ppm	18M2G7D	27L	21.95
4	20	1720	1745	0.1435	0.0079	ppm	18M2W7D	27L	21.57