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	21.53	-4.10	17.43	<=30	Pass
			2	21.51	-4.10	17.41	<=30	Pass
			5	21.42	-4.10	17.32	<=30	Pass
		3	0	21.50	-4.10	17.40	<=30	Pass
			2	21.53	-4.10	17.43	<=30	Pass
			3	21.45	-4.10	17.35	<=30	Pass
		6	0	20.42	-4.10	16.32	<=30	Pass
	1732.5	1	0	21.76	-4.10	17.66	<=30	Pass
			2	21.78	-4.10	17.68	<=30	Pass
			5	21.74	-4.10	17.64	<=30	Pass
		3	0	21.57	-4.10	17.47	<=30	Pass
			2	21.62	-4.10	17.52	<=30	Pass
			3	21.54	-4.10	17.44	<=30	Pass
		6	0	20.42	-4.10	16.32	<=30	Pass
	1754.3	1	0	21.37	-4.10	17.27	<=30	Pass
			2	21.28	-4.10	17.18	<=30	Pass
			5	21.33	-4.10	17.23	<=30	Pass
		3	0	21.21	-4.10	17.11	<=30	Pass
			2	21.33	-4.10	17.23	<=30	Pass
			3	21.27	-4.10	17.17	<=30	Pass
		6	0	20.13	-4.10	16.03	<=30	Pass
16QAM	1710.7	1	0	20.73	-4.10	16.63	<=30	Pass
			2	20.89	-4.10	16.79	<=30	Pass
			5	20.70	-4.10	16.60	<=30	Pass
		3	0	20.68	-4.10	16.58	<=30	Pass
			2	20.34	-4.10	16.24	<=30	Pass
			3	19.94	-4.10	15.84	<=30	Pass
		6	0	19.32	-4.10	15.22	<=30	Pass
	1732.5	1	0	20.80	-4.10	16.70	<=30	Pass
			2	21.01	-4.10	16.91	<=30	Pass
			5	21.06	-4.10	16.96	<=30	Pass
		3	0	20.44	-4.10	16.34	<=30	Pass
			2	20.61	-4.10	16.51	<=30	Pass
			3	20.47	-4.10	16.37	<=30	Pass
		6	0	19.28	-4.10	15.18	<=30	Pass
	1754.3	1	0	20.34	-4.10	16.24	<=30	Pass
			2	20.40	-4.10	16.30	<=30	Pass
			5	20.39	-4.10	16.29	<=30	Pass
		3	0	20.28	-4.10	16.18	<=30	Pass
			2	20.18	-4.10	16.08	<=30	Pass
			3	20.44	-4.10	16.34	<=30	Pass
		6	0	19.02	-4.10	14.92	<=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	21.10	-4.10	17.00	<=30	Pass
			7	21.33	-4.10	17.23	<=30	Pass
			14	21.11	-4.10	17.01	<=30	Pass
		8	0	20.11	-4.10	16.01	<=30	Pass
			4	20.23	-4.10	16.13	<=30	Pass
			7	20.23	-4.10	16.13	<=30	Pass
		15	0	20.24	-4.10	16.14	<=30	Pass
	1732.5	1	0	21.34	-4.10	17.24	<=30	Pass
			7	21.37	-4.10	17.27	<=30	Pass
			14	21.27	-4.10	17.17	<=30	Pass
		8	0	20.25	-4.10	16.15	<=30	Pass
			4	20.34	-4.10	16.24	<=30	Pass
			7	20.26	-4.10	16.16	<=30	Pass
		15	0	20.28	-4.10	16.18	<=30	Pass
	1753.5	1	0	20.78	-4.10	16.68	<=30	Pass
			7	21.03	-4.10	16.93	<=30	Pass
			14	21.21	-4.10	17.11	<=30	Pass
		8	0	20.00	-4.10	15.90	<=30	Pass
			4	20.17	-4.10	16.07	<=30	Pass
			7	20.16	-4.10	16.06	<=30	Pass
		15	0	20.02	-4.10	15.92	<=30	Pass
16QAM	1711.5	1	0	20.08	-4.10	15.98	<=30	Pass
			7	20.26	-4.10	16.16	<=30	Pass
			14	19.80	-4.10	15.70	<=30	Pass
		8	0	18.96	-4.10	14.86	<=30	Pass
			4	19.22	-4.10	15.12	<=30	Pass
			7	19.33	-4.10	15.23	<=30	Pass
		15	0	19.17	-4.10	15.07	<=30	Pass
	1732.5	1	0	20.66	-4.10	16.56	<=30	Pass
			7	20.35	-4.10	16.25	<=30	Pass
			14	20.62	-4.10	16.52	<=30	Pass
		8	0	19.02	-4.10	14.92	<=30	Pass
			4	19.07	-4.10	14.97	<=30	Pass
			7	19.06	-4.10	14.96	<=30	Pass
		15	0	19.01	-4.10	14.91	<=30	Pass
	1753.5	1	0	20.14	-4.10	16.04	<=30	Pass
			7	20.45	-4.10	16.35	<=30	Pass
			14	20.35	-4.10	16.25	<=30	Pass
		8	0	19.06	-4.10	14.96	<=30	Pass
			4	19.02	-4.10	14.92	<=30	Pass
			7	19.03	-4.10	14.93	<=30	Pass
		15	0	18.98	-4.10	14.88	<=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	21.14	-4.10	17.04	<=30	Pass
			13	21.16	-4.10	17.06	<=30	Pass
			24	21.01	-4.10	16.91	<=30	Pass
		12	0	20.12	-4.10	16.02	<=30	Pass
			6	20.20	-4.10	16.10	<=30	Pass
			13	19.99	-4.10	15.89	<=30	Pass

		25	0	20.13	-4.10	16.03	<=30	Pass
	1732.5	1	0	20.87	-4.10	16.77	<=30	Pass
			13	20.99	-4.10	16.89	<=30	Pass
			24	21.27	-4.10	17.17	<=30	Pass
		12	0	20.09	-4.10	15.99	<=30	Pass
			6	20.16	-4.10	16.06	<=30	Pass
			13	20.14	-4.10	16.04	<=30	Pass
		25	0	20.08	-4.10	15.98	<=30	Pass
	1752.5	1	0	20.84	-4.10	16.74	<=30	Pass
			13	20.89	-4.10	16.79	<=30	Pass
			24	21.13	-4.10	17.03	<=30	Pass
		12	0	19.83	-4.10	15.73	<=30	Pass
			6	19.87	-4.10	15.77	<=30	Pass
			13	19.98	-4.10	15.88	<=30	Pass
		25	0	19.82	-4.10	15.72	<=30	Pass
16QAM	1712.5	1	0	19.42	-4.10	15.32	<=30	Pass
			13	19.70	-4.10	15.60	<=30	Pass
			24	19.67	-4.10	15.57	<=30	Pass
		12	0	19.00	-4.10	14.90	<=30	Pass
			6	18.80	-4.10	14.70	<=30	Pass
			13	18.95	-4.10	14.85	<=30	Pass
		25	0	19.04	-4.10	14.94	<=30	Pass
	1732.5	1	0	20.21	-4.10	16.11	<=30	Pass
			13	20.35	-4.10	16.25	<=30	Pass
			24	20.34	-4.10	16.24	<=30	Pass
		12	0	18.76	-4.10	14.66	<=30	Pass
			6	18.84	-4.10	14.74	<=30	Pass
			13	18.93	-4.10	14.83	<=30	Pass
		25	0	18.82	-4.10	14.72	<=30	Pass
	1752.5	1	0	19.20	-4.10	15.10	<=30	Pass
			13	19.43	-4.10	15.33	<=30	Pass
			24	19.66	-4.10	15.56	<=30	Pass
		12	0	18.73	-4.10	14.63	<=30	Pass
			6	18.68	-4.10	14.58	<=30	Pass
			13	18.90	-4.10	14.80	<=30	Pass
		25	0	18.83	-4.10	14.73	<=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	21.62	-4.10	17.52	<=30	Pass
			25	21.39	-4.10	17.29	<=30	Pass
			49	21.48	-4.10	17.38	<=30	Pass
		25	0	20.51	-4.10	16.41	<=30	Pass
			13	20.48	-4.10	16.38	<=30	Pass
			25	20.46	-4.10	16.36	<=30	Pass
		50	0	20.48	-4.10	16.38	<=30	Pass
	1732.5	1	0	21.74	-4.10	17.64	<=30	Pass
			25	21.91	-4.10	17.81	<=30	Pass
			49	21.74	-4.10	17.64	<=30	Pass
		25	0	20.71	-4.10	16.61	<=30	Pass
			13	20.72	-4.10	16.62	<=30	Pass
			25	20.70	-4.10	16.60	<=30	Pass
		50	0	20.65	-4.10	16.55	<=30	Pass

	1750	1	0	21.77	-4.10	17.67	<=30	Pass
			25	21.94	-4.10	17.84	<=30	Pass
			49	21.73	-4.10	17.63	<=30	Pass
		25	0	20.80	-4.10	16.70	<=30	Pass
			13	20.81	-4.10	16.71	<=30	Pass
			25	20.70	-4.10	16.60	<=30	Pass
		50	0	20.72	-4.10	16.62	<=30	Pass
16QAM	1715	1	0	20.84	-4.10	16.74	<=30	Pass
			25	20.92	-4.10	16.82	<=30	Pass
			49	20.82	-4.10	16.72	<=30	Pass
		25	0	19.40	-4.10	15.30	<=30	Pass
			13	19.54	-4.10	15.44	<=30	Pass
			25	19.34	-4.10	15.24	<=30	Pass
		50	0	19.69	-4.10	15.59	<=30	Pass
	1732.5	1	0	20.67	-4.10	16.57	<=30	Pass
			25	20.84	-4.10	16.74	<=30	Pass
			49	20.68	-4.10	16.58	<=30	Pass
		25	0	19.73	-4.10	15.63	<=30	Pass
			13	19.79	-4.10	15.69	<=30	Pass
			25	19.77	-4.10	15.67	<=30	Pass
		50	0	19.70	-4.10	15.60	<=30	Pass
	1750	1	0	20.89	-4.10	16.79	<=30	Pass
			25	20.98	-4.10	16.88	<=30	Pass
			49	20.90	-4.10	16.80	<=30	Pass
		25	0	19.85	-4.10	15.75	<=30	Pass
			13	19.81	-4.10	15.71	<=30	Pass
			25	19.72	-4.10	15.62	<=30	Pass
		50	0	19.78	-4.10	15.68	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	21.59	-4.10	17.49	<=30	Pass
			38	21.69	-4.10	17.59	<=30	Pass
			74	21.63	-4.10	17.53	<=30	Pass
		36	0	20.73	-4.10	16.63	<=30	Pass
			18	20.74	-4.10	16.64	<=30	Pass
			39	20.80	-4.10	16.70	<=30	Pass
		75	0	20.73	-4.10	16.63	<=30	Pass
	1732.5	1	0	21.56	-4.10	17.46	<=30	Pass
			38	21.72	-4.10	17.62	<=30	Pass
			74	21.64	-4.10	17.54	<=30	Pass
		36	0	20.75	-4.10	16.65	<=30	Pass
			18	20.84	-4.10	16.74	<=30	Pass
			39	20.81	-4.10	16.71	<=30	Pass
		75	0	20.77	-4.10	16.67	<=30	Pass
	1747.5	1	0	21.65	-4.10	17.55	<=30	Pass
			38	21.87	-4.10	17.77	<=30	Pass
			74	21.69	-4.10	17.59	<=30	Pass
		36	0	20.93	-4.10	16.83	<=30	Pass
			18	20.93	-4.10	16.83	<=30	Pass
			39	20.89	-4.10	16.79	<=30	Pass
		75	0	20.91	-4.10	16.81	<=30	Pass
16QAM	1717.5	1	0	20.99	-4.10	16.89	<=30	Pass

			38	21.05	-4.10	16.95	<=30	Pass
			74	21.28	-4.10	17.18	<=30	Pass
		36	0	19.68	-4.10	15.58	<=30	Pass
			18	19.73	-4.10	15.63	<=30	Pass
			39	19.71	-4.10	15.61	<=30	Pass
		75	0	19.72	-4.10	15.62	<=30	Pass
	1732.5	1	0	20.76	-4.10	16.66	<=30	Pass
			38	20.87	-4.10	16.77	<=30	Pass
			74	20.76	-4.10	16.66	<=30	Pass
		36	0	19.68	-4.10	15.58	<=30	Pass
			18	19.73	-4.10	15.63	<=30	Pass
			39	19.75	-4.10	15.65	<=30	Pass
		75	0	19.76	-4.10	15.66	<=30	Pass
	1747.5	1	0	21.06	-4.10	16.96	<=30	Pass
			38	21.22	-4.10	17.12	<=30	Pass
			74	21.16	-4.10	17.06	<=30	Pass
		36	0	19.83	-4.10	15.73	<=30	Pass
			18	19.88	-4.10	15.78	<=30	Pass
			39	19.80	-4.10	15.70	<=30	Pass
		75	0	19.84	-4.10	15.74	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.41	-4.10	17.31	<=30	Pass
			50	21.80	-4.10	17.70	<=30	Pass
			99	21.40	-4.10	17.30	<=30	Pass
		50	0	20.70	-4.10	16.60	<=30	Pass
			25	20.74	-4.10	16.64	<=30	Pass
			50	20.77	-4.10	16.67	<=30	Pass
		100	0	20.74	-4.10	16.64	<=30	Pass
	1732.5	1	0	21.46	-4.10	17.36	<=30	Pass
			50	21.86	-4.10	17.76	<=30	Pass
			99	21.50	-4.10	17.40	<=30	Pass
		50	0	20.65	-4.10	16.55	<=30	Pass
			25	20.71	-4.10	16.61	<=30	Pass
			50	20.69	-4.10	16.59	<=30	Pass
		100	0	20.68	-4.10	16.58	<=30	Pass
	1745	1	0	21.46	-4.10	17.36	<=30	Pass
			50	21.94	-4.10	17.84	<=30	Pass
			99	21.52	-4.10	17.42	<=30	Pass
		50	0	20.76	-4.10	16.66	<=30	Pass
			25	20.75	-4.10	16.65	<=30	Pass
			50	20.66	-4.10	16.56	<=30	Pass
		100	0	20.76	-4.10	16.66	<=30	Pass
16QAM	1720	1	0	21.04	-4.10	16.94	<=30	Pass
			50	21.38	-4.10	17.28	<=30	Pass
			99	21.01	-4.10	16.91	<=30	Pass
		50	0	19.70	-4.10	15.60	<=30	Pass
			25	19.73	-4.10	15.63	<=30	Pass
			50	19.76	-4.10	15.66	<=30	Pass
		100	0	19.73	-4.10	15.63	<=30	Pass
	1732.5	1	0	20.69	-4.10	16.59	<=30	Pass
			50	21.04	-4.10	16.94	<=30	Pass

			99	20.62	-4.10	16.52	<=30	Pass
		50	0	19.66	-4.10	15.56	<=30	Pass
			25	19.70	-4.10	15.60	<=30	Pass
			50	19.66	-4.10	15.56	<=30	Pass
		100	0	19.67	-4.10	15.57	<=30	Pass
	1745	1	0	20.70	-4.10	16.60	<=30	Pass
			50	21.11	-4.10	17.01	<=30	Pass
			99	20.74	-4.10	16.64	<=30	Pass
		50	0	19.75	-4.10	15.65	<=30	Pass
			25	19.76	-4.10	15.66	<=30	Pass
			50	19.66	-4.10	15.56	<=30	Pass
		100	0	19.77	-4.10	15.67	<=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	-3.319	-0.0019	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
					4.43	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.174	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	3.233	0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-7.639	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-16.751	-0.0097	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
					4.43	-9.313	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-10.929	-0.0062	-2.5 to 2.5	Pass
					3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-10.657	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-8.712	-0.0050	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	-11.230	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass
					3.85	2.160	0.0013	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-6.452	-0.0038	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-3.304	-0.0019	-2.5 to 2.5	Pass
					3.85	-6.809	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.280	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-9.928	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-2.847	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-7.925	-0.0045	-2.5 to 2.5	Pass
					3.85	-8.540	-0.0049	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.608	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-8.340	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-11.330	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0011	-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	-11.201	-0.0065	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0035	-2.5 to 2.5	Pass
					4.43	-5.193	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				40	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-2.832	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
					4.43	-1.588	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass

				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-10.715	-0.0061	-2.5 to 2.5	Pass
					3.85	-9.842	-0.0056	-2.5 to 2.5	Pass
					4.43	-8.354	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-6.337	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-7.782	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.317	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.397	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
					4.43	-9.570	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				30	3.85	-9.027	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-6.309	-0.0036	-2.5 to 2.5	Pass
					3.85	-7.210	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.283	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-5.121	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-11.115	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-10.471	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-1.230	-0.0007	-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	-6.795	-0.0040	-2.5 to 2.5	Pass
					3.85	-9.384	-0.0055	-2.5 to 2.5	Pass
					4.43	-7.596	-0.0044	-2.5 to 2.5	Pass

				-30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-7.453	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0039	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.875	-0.0017	-2.5 to 2.5	Pass
					3.85	0.987	0.0006	-2.5 to 2.5	Pass
					4.43	-0.772	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	1.130	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-4.377	-0.0025	-2.5 to 2.5	Pass
					3.85	-10.128	-0.0058	-2.5 to 2.5	Pass
					4.43	-1.717	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.651	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	0.401	0.0002	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-10.185	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-9.184	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.730	0.0004	-2.5 to 2.5	Pass
					3.85	4.134	0.0024	-2.5 to 2.5	Pass
					4.43	-2.403	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.034	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				0	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
				30	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.166	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
					4.43	0.715	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-11.344	-0.0065	-2.5 to 2.5	Pass

				10	3.85	-10.200	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.974	-0.0011	-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	-10.343	-0.0060	-2.5 to 2.5	Pass
					3.85	-8.368	-0.0049	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-7.625	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0030	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-5.994	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.890	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-8.211	-0.0047	-2.5 to 2.5	Pass
					3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-6.309	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-5.865	-0.0034	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-9.427	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-12.102	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-12.703	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-8.340	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-7.682	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0011	-2.5 to 2.5	Pass

				-30	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	1.473	0.0009	-2.5 to 2.5	Pass
				0	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0026	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-8.025	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-5.665	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-7.238	-0.0041	-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	-11.601	-0.0068	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
					4.43	-7.939	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-11.516	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-7.854	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-7.238	-0.0042	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-3.834	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.978	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-9.155	-0.0052	-2.5 to 2.5	Pass
					3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-7.310	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-8.340	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-10.657	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-8.097	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-9.170	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-6.924	-0.0040	-2.5 to 2.5	Pass

				50	3.85	-8.583	-0.0049	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-7.610	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-4.063	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-8.168	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-8.726	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.558	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0005	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-6.824	-0.0039	-2.5 to 2.5	Pass
					3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
					4.43	-9.270	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-8.254	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.852	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-8.869	-0.0051	-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	-3.376	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.735	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-2.947	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
					4.43	-1.230	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass

				0	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.034	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				50	3.85	0.873	0.0005	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.010	-0.0041	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0047	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-10.257	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.717	-0.0010	-2.5 to 2.5	Pass
					3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				30	3.85	2.317	0.0013	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-2.718	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.834	-0.0022	-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

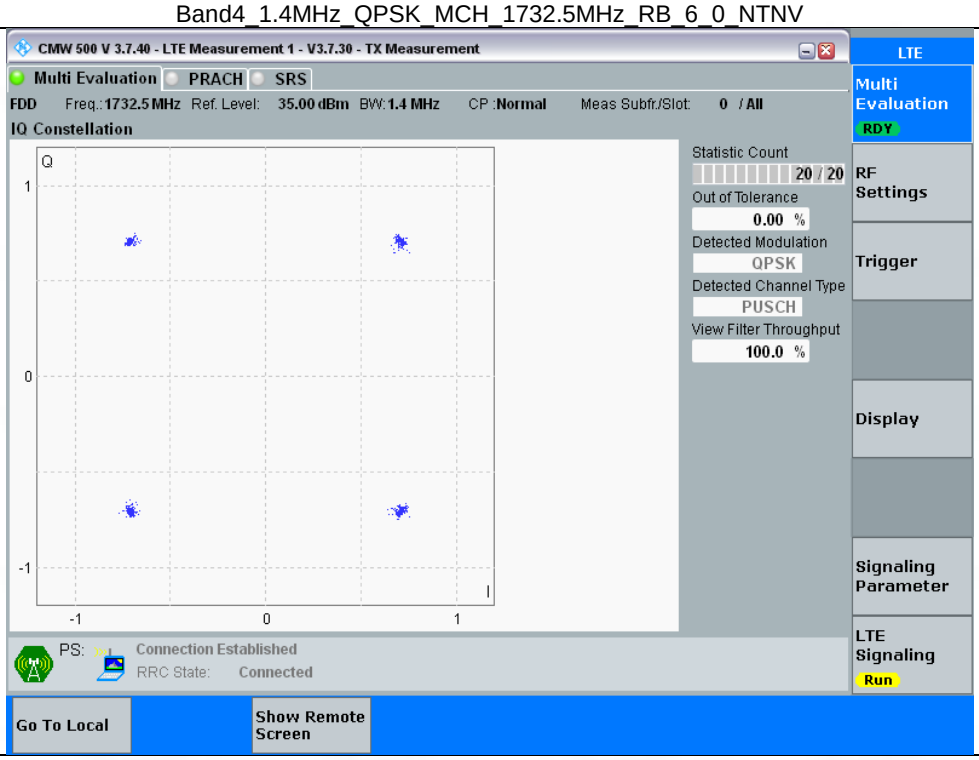
3.1.6 B4_20MHz

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

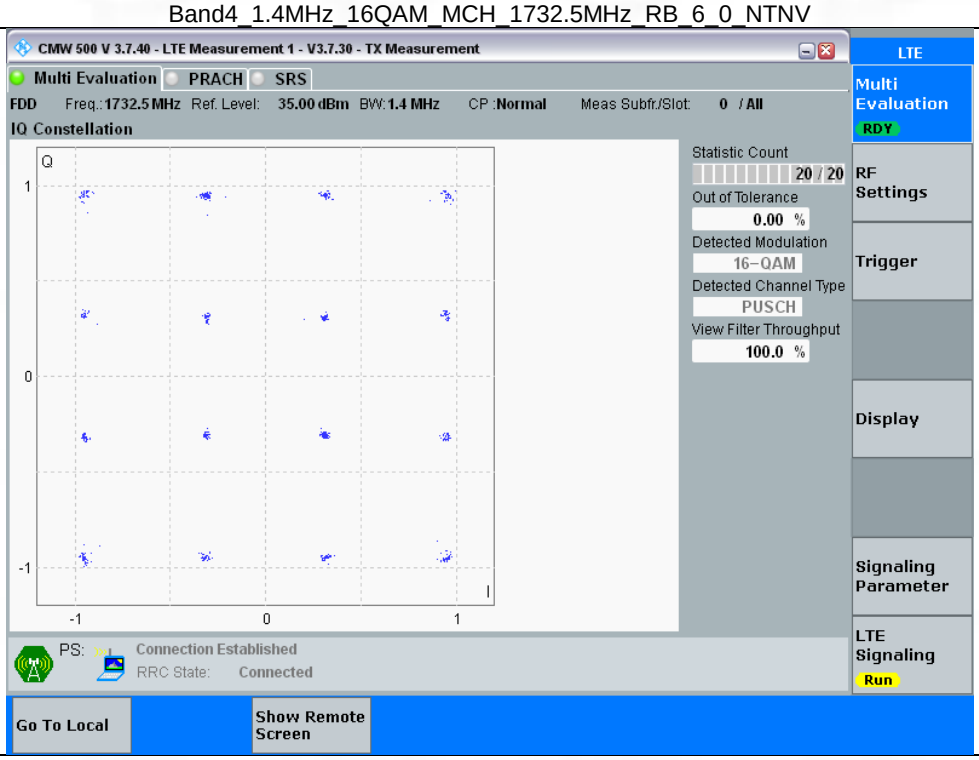
3.2 Test Graph

3.2.1 B4_1.4MHz

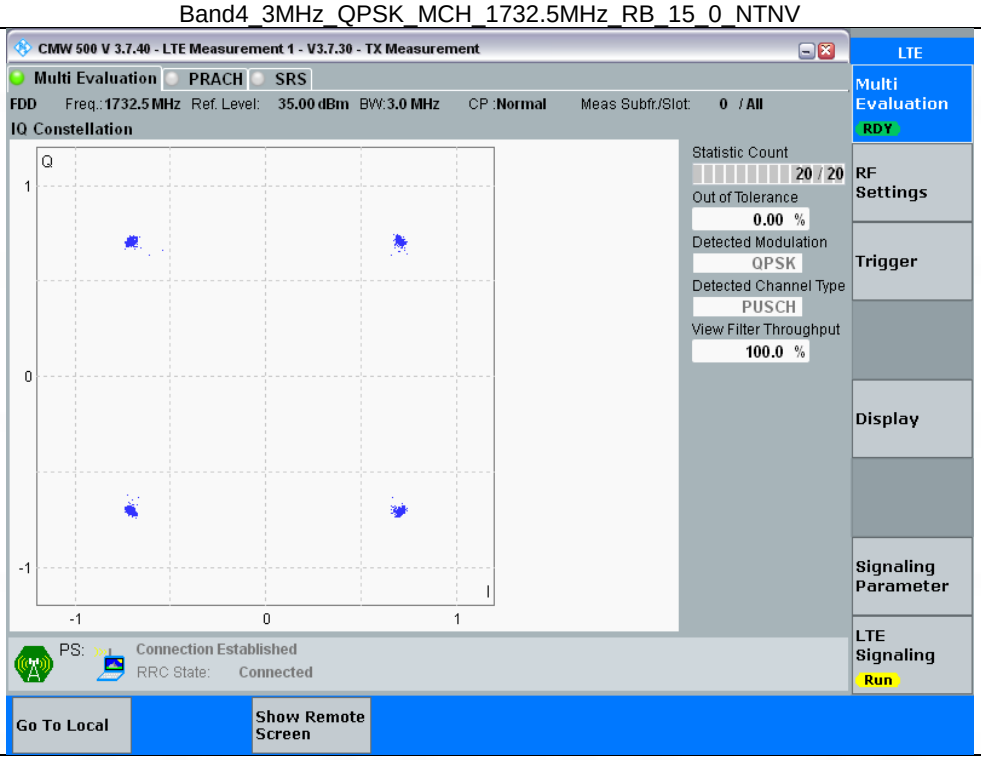
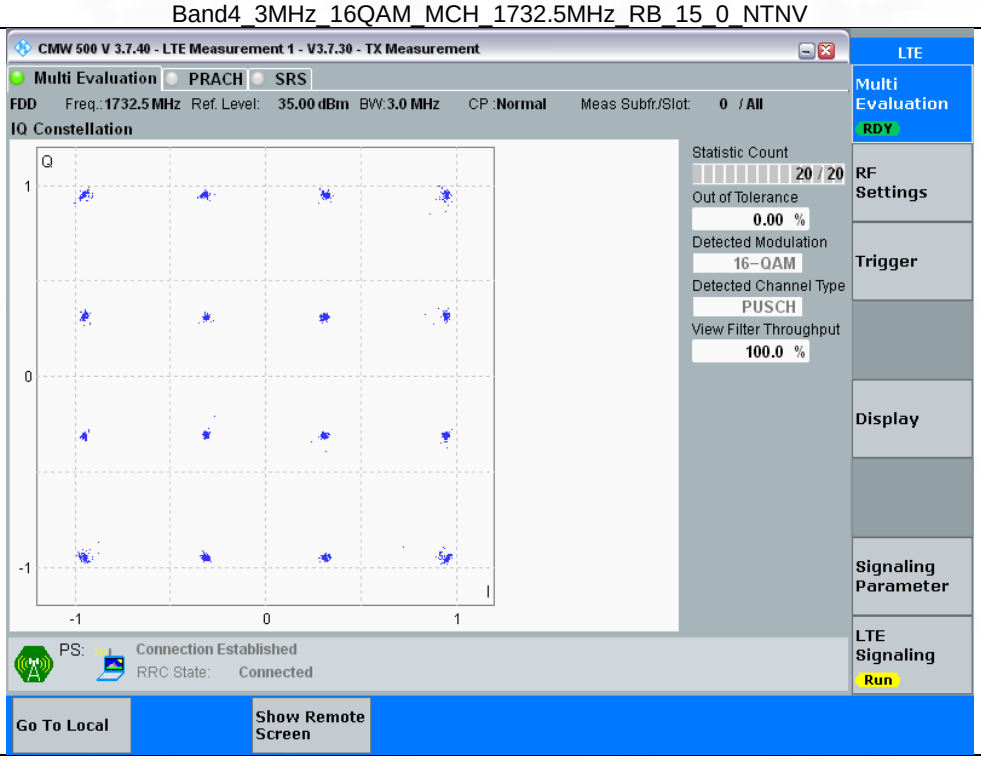
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



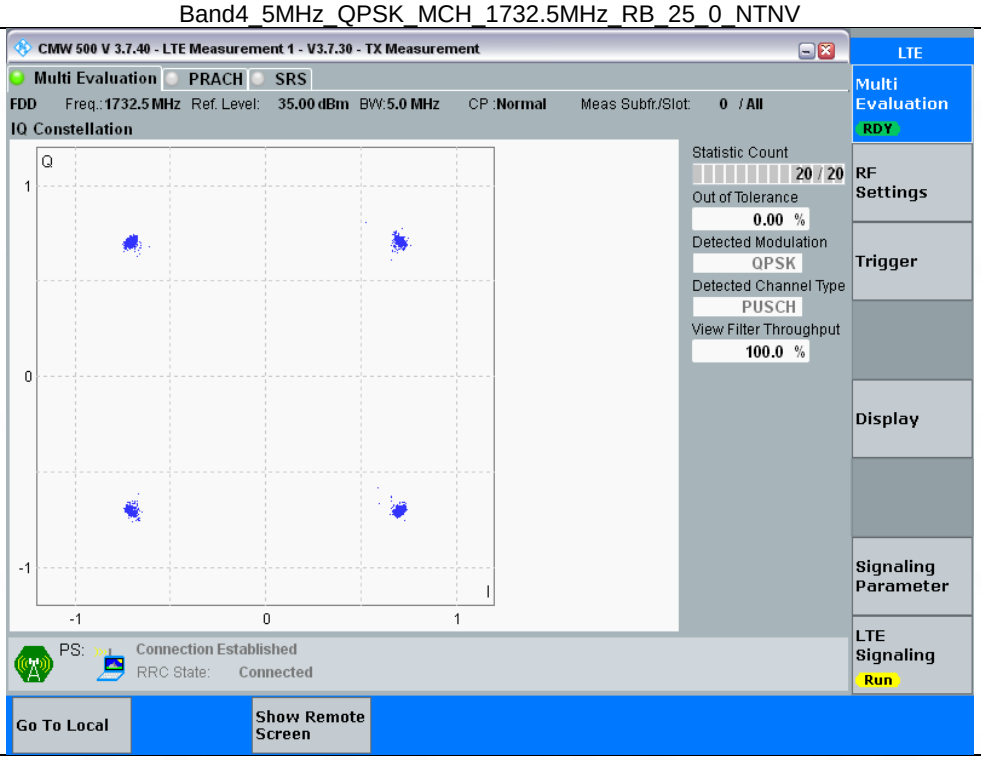
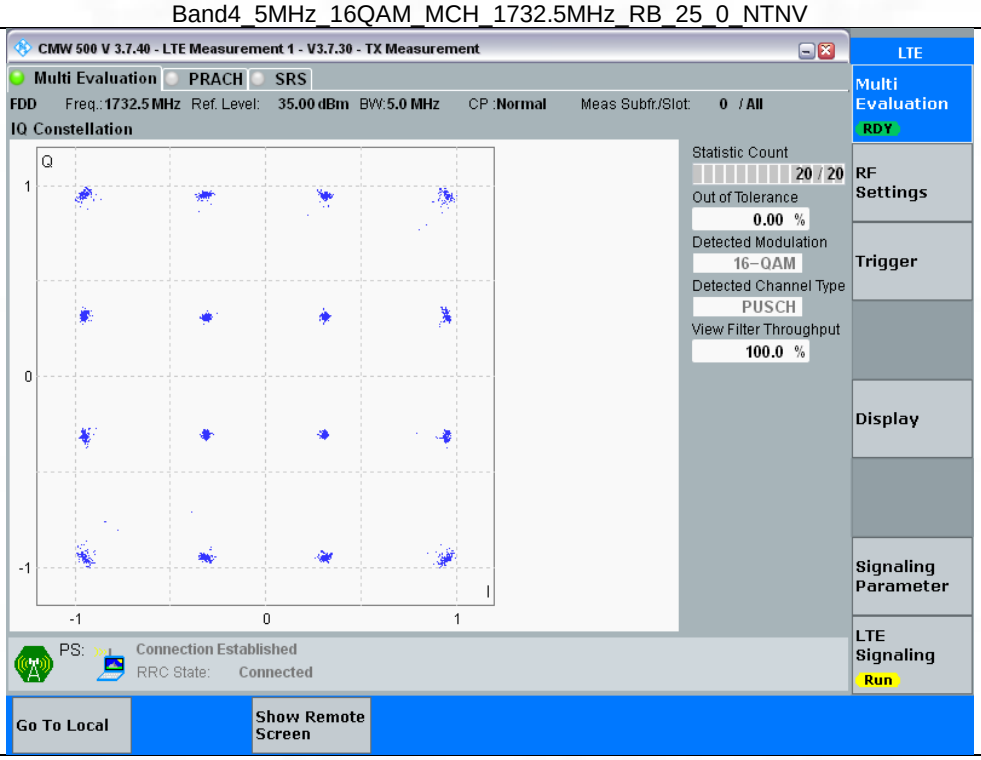
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



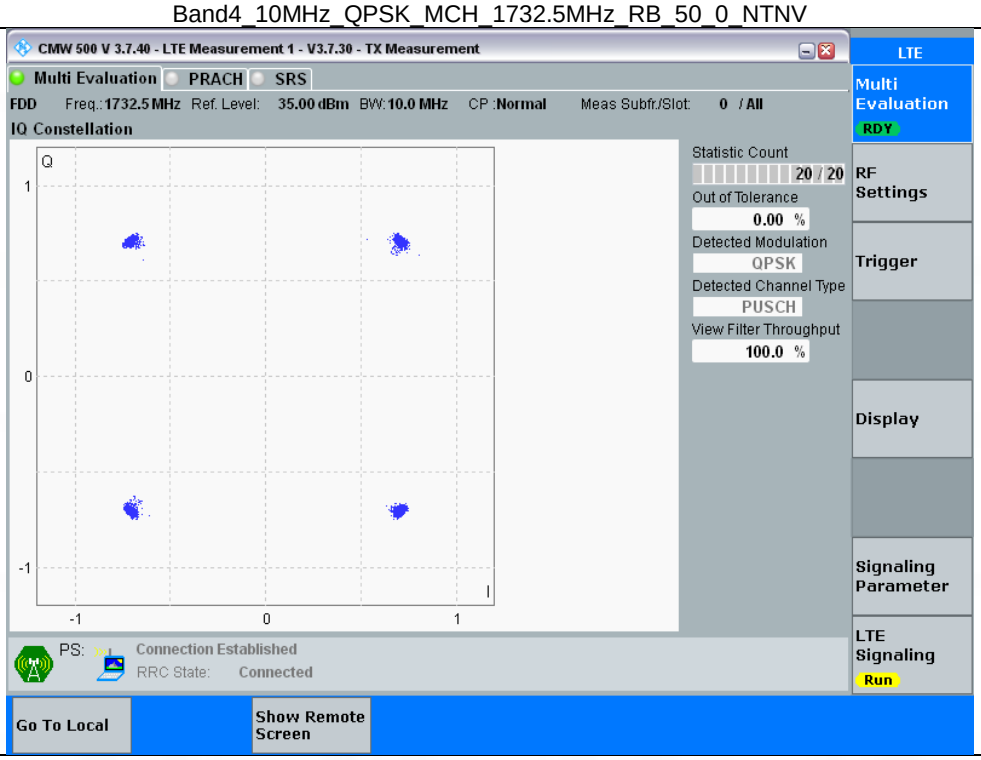
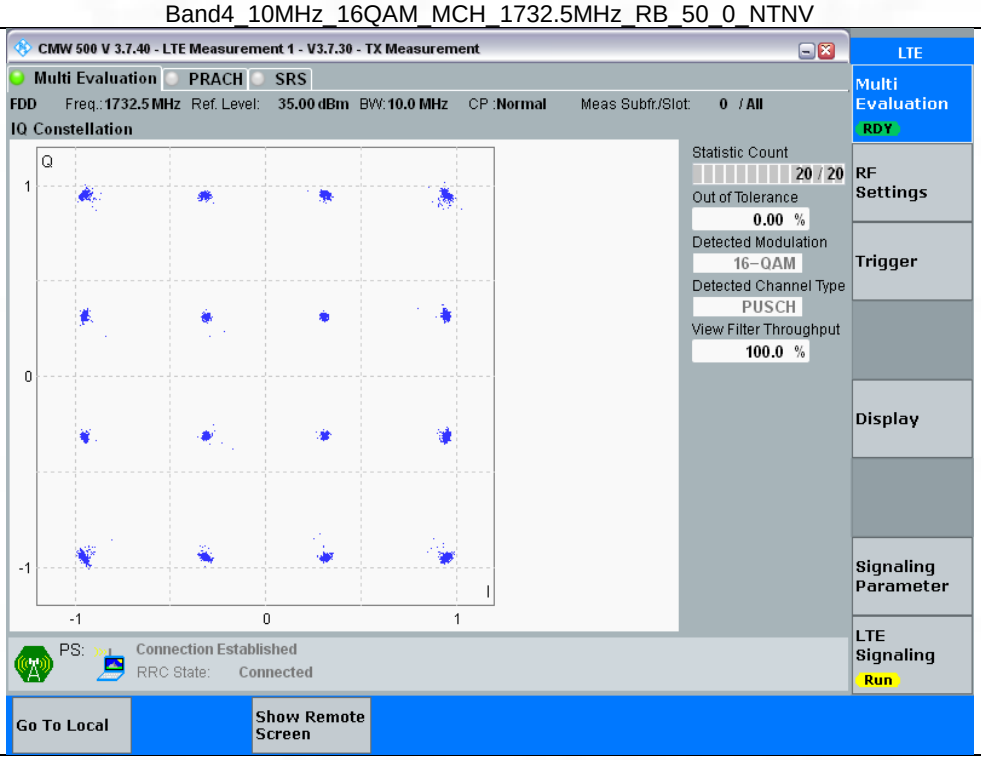
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


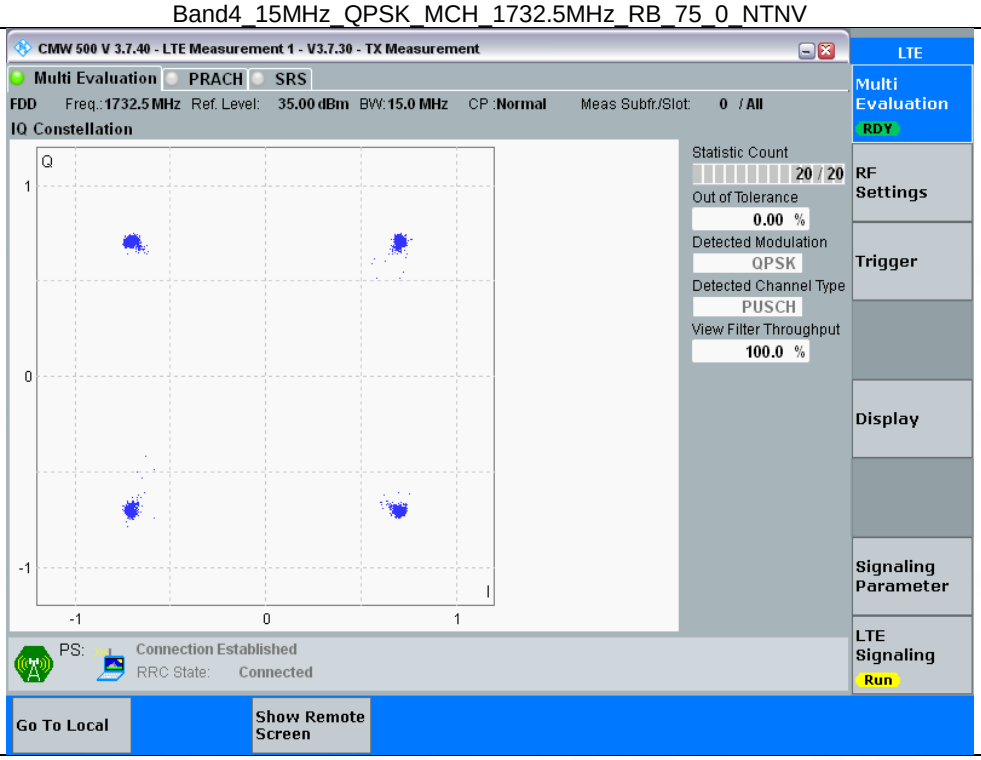
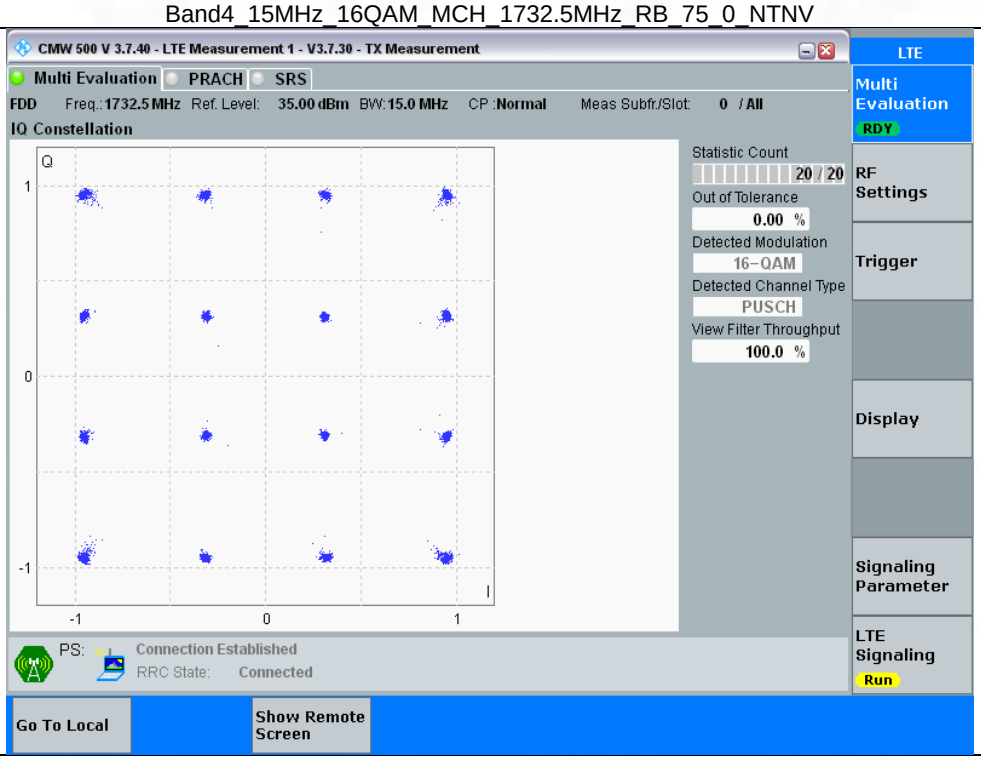
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


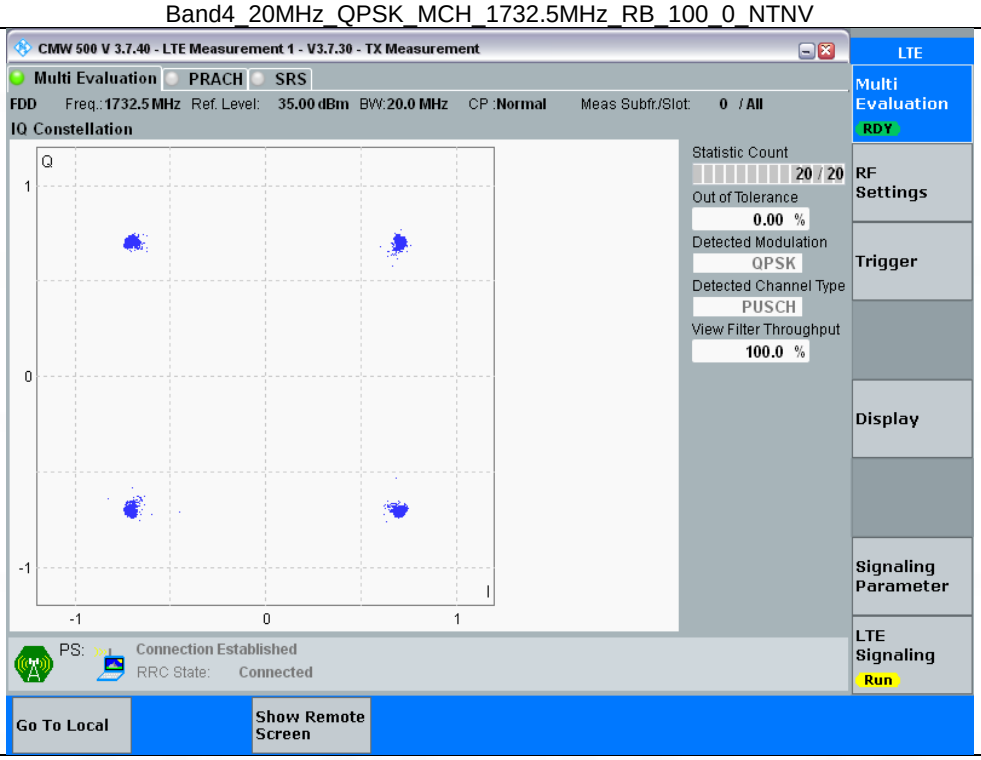
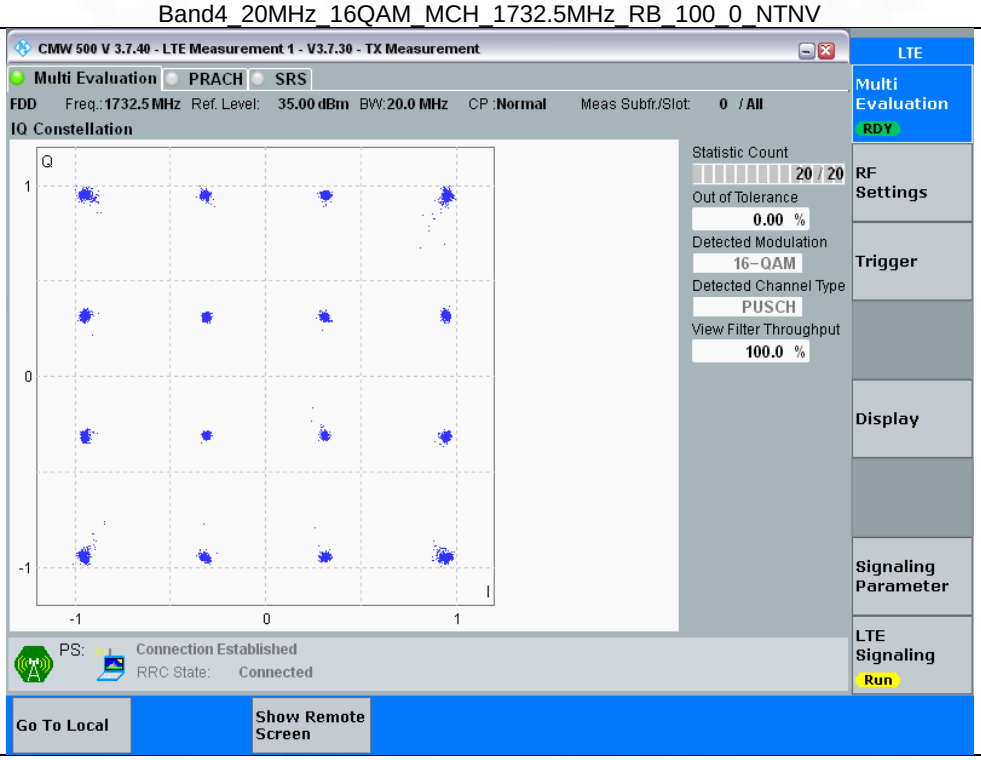
3.2.4 B4_10MHz

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	1.116	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.115	/	Pass
	16QAM	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.106	/	Pass
		1754.3	6	0	1.116	/	Pass
3	QPSK	1711.5	15	0	2.740	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.716	/	Pass
		1732.5	15	0	2.725	/	Pass
		1753.5	15	0	2.720	/	Pass
5	QPSK	1712.5	25	0	4.544	/	Pass
		1732.5	25	0	4.548	/	Pass
		1752.5	25	0	4.559	/	Pass
	16QAM	1712.5	25	0	4.543	/	Pass
		1732.5	25	0	4.553	/	Pass
		1752.5	25	0	4.531	/	Pass
10	QPSK	1715	50	0	9.081	/	Pass
		1732.5	50	0	9.035	/	Pass
		1750	50	0	9.067	/	Pass
	16QAM	1715	50	0	9.060	/	Pass
		1732.5	50	0	9.031	/	Pass
		1750	50	0	9.068	/	Pass
15	QPSK	1717.5	75	0	13.575	/	Pass
		1732.5	75	0	13.554	/	Pass
		1747.5	75	0	13.581	/	Pass
	16QAM	1717.5	75	0	13.606	/	Pass
		1732.5	75	0	13.538	/	Pass
		1747.5	75	0	13.551	/	Pass
20	QPSK	1720	100	0	18.139	/	Pass
		1732.5	100	0	18.094	/	Pass
		1745	100	0	18.111	/	Pass
	16QAM	1720	100	0	18.098	/	Pass
		1732.5	100	0	18.083	/	Pass
		1745	100	0	18.199	/	Pass

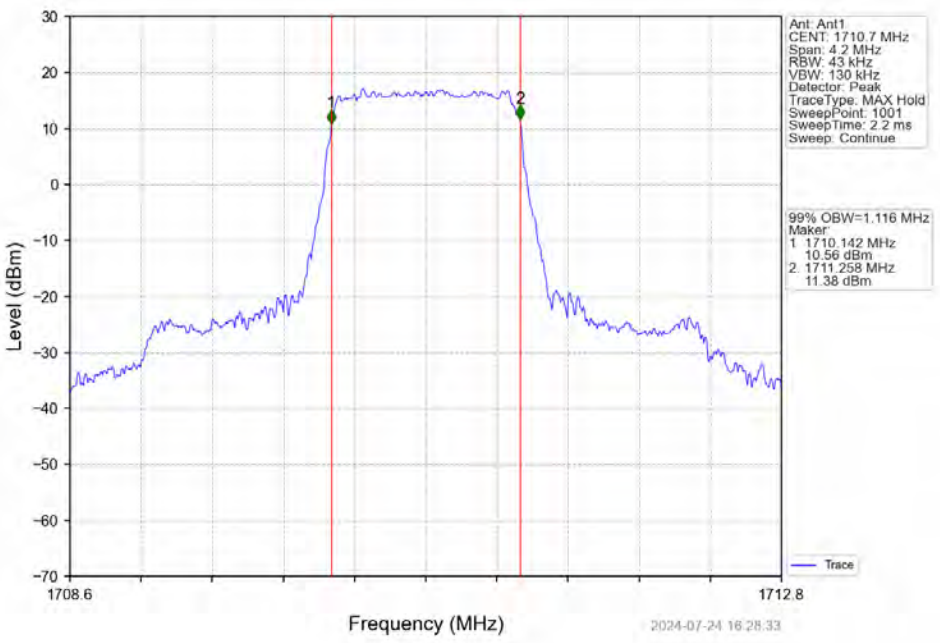
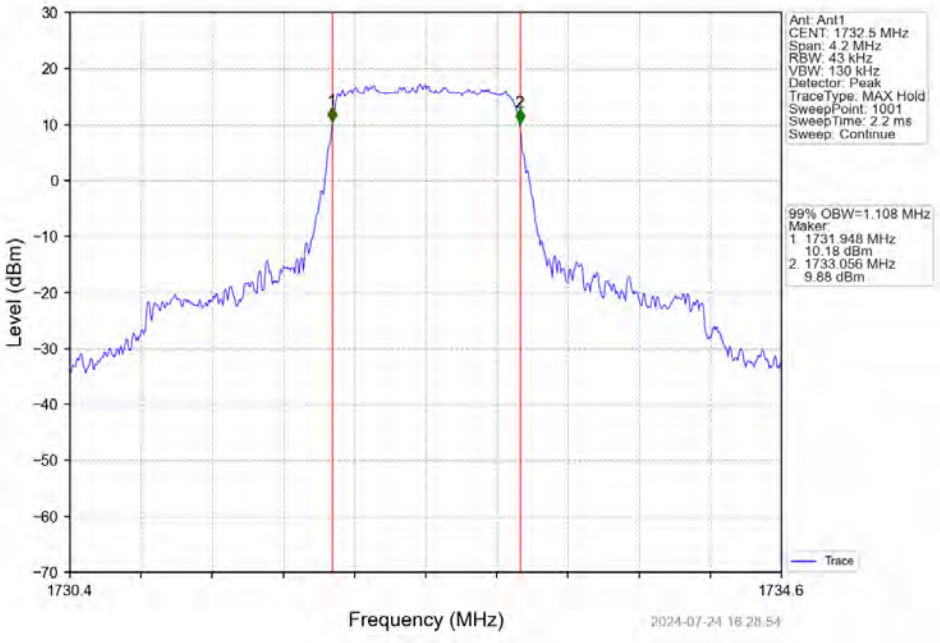
4.1.2 Band4_XDB

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	1.311	/	Pass
		1732.5	6	0	1.316	/	Pass
		1754.3	6	0	1.343	/	Pass

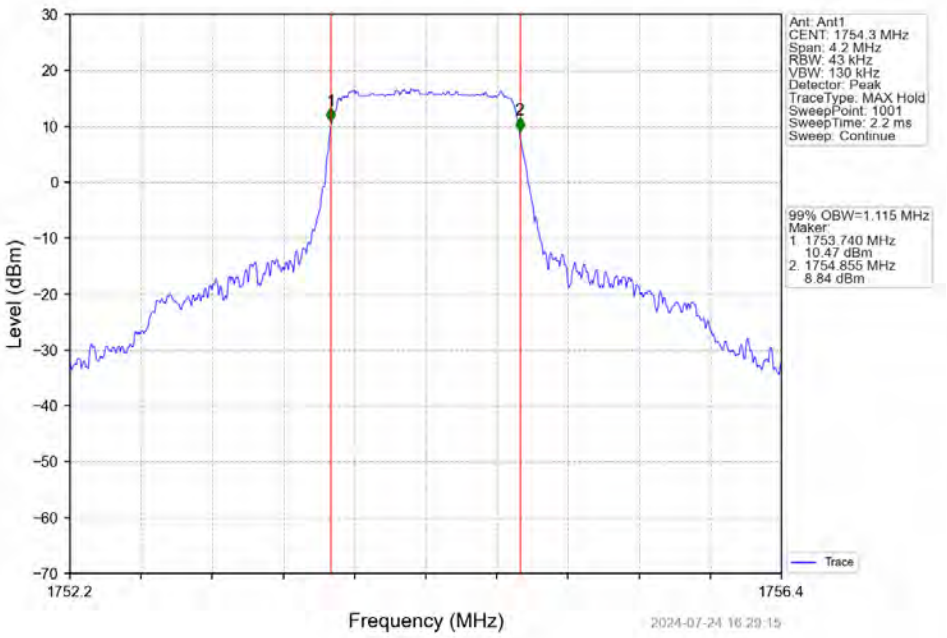
	16QAM	1710.7	6	0	1.332	/	Pass
		1732.5	6	0	1.313	/	Pass
		1754.3	6	0	1.319	/	Pass
3	QPSK	1711.5	15	0	2.996	/	Pass
		1732.5	15	0	2.986	/	Pass
		1753.5	15	0	3.007	/	Pass
	16QAM	1711.5	15	0	3.002	/	Pass
		1732.5	15	0	2.989	/	Pass
		1753.5	15	0	2.986	/	Pass
5	QPSK	1712.5	25	0	4.997	/	Pass
		1732.5	25	0	5.023	/	Pass
		1752.5	25	0	5.039	/	Pass
	16QAM	1712.5	25	0	5.014	/	Pass
		1732.5	25	0	5.038	/	Pass
		1752.5	25	0	4.995	/	Pass
10	QPSK	1715	50	0	9.981	/	Pass
		1732.5	50	0	9.966	/	Pass
		1750	50	0	9.962	/	Pass
	16QAM	1715	50	0	9.915	/	Pass
		1732.5	50	0	9.965	/	Pass
		1750	50	0	9.909	/	Pass
15	QPSK	1717.5	75	0	14.936	/	Pass
		1732.5	75	0	14.813	/	Pass
		1747.5	75	0	14.919	/	Pass
	16QAM	1717.5	75	0	14.917	/	Pass
		1732.5	75	0	14.913	/	Pass
		1747.5	75	0	14.888	/	Pass
20	QPSK	1720	100	0	19.751	/	Pass
		1732.5	100	0	19.749	/	Pass
		1745	100	0	19.649	/	Pass
	16QAM	1720	100	0	19.708	/	Pass
		1732.5	100	0	19.707	/	Pass
		1745	100	0	19.700	/	Pass

4.2 Test Graph

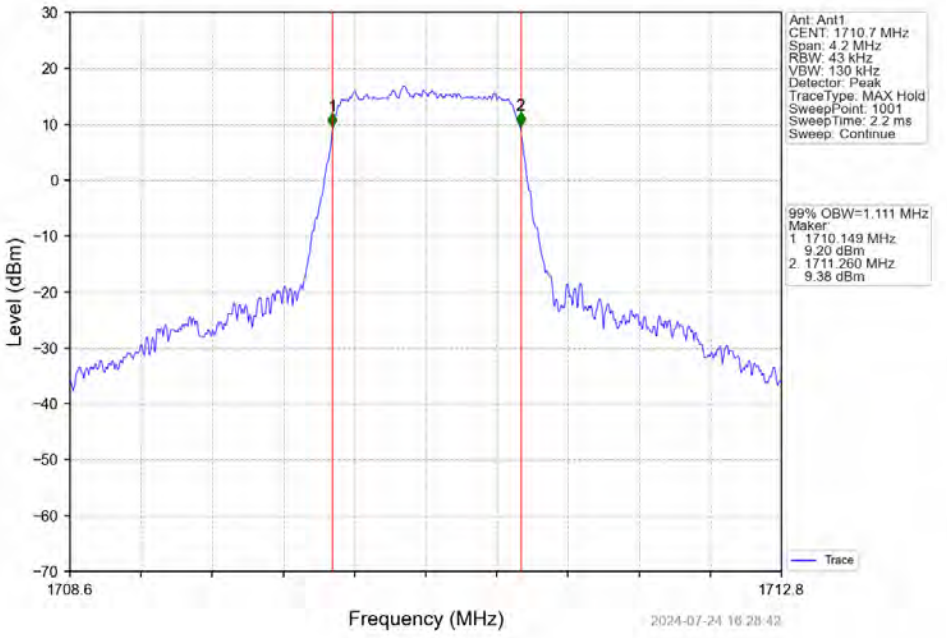
4.2.1 Band4_OBW

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


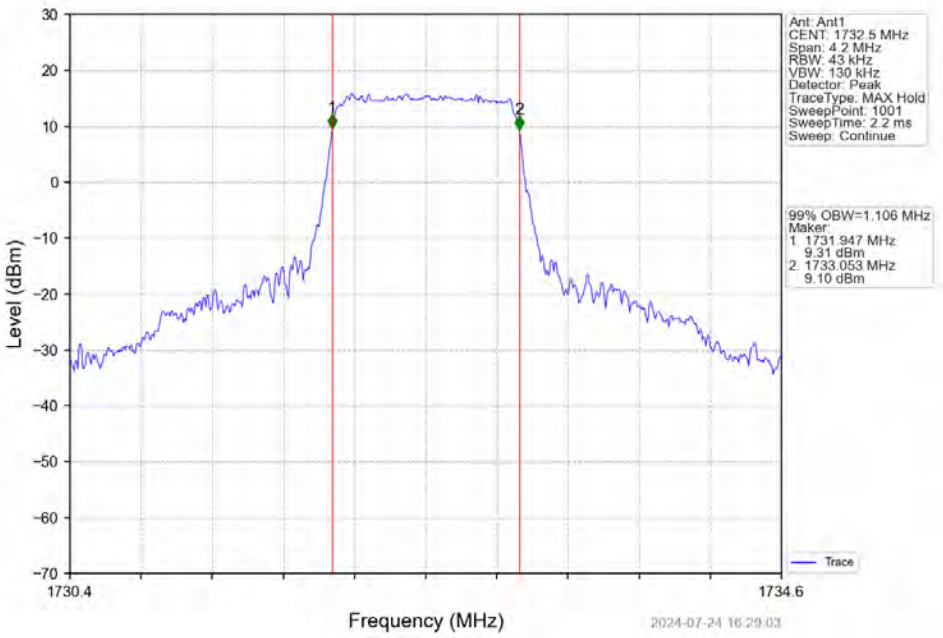
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



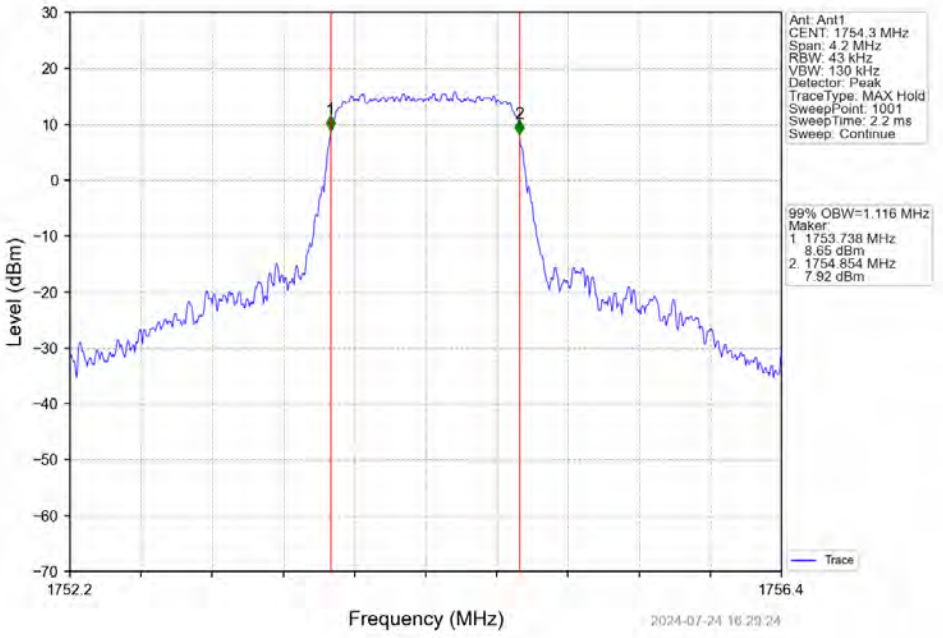
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



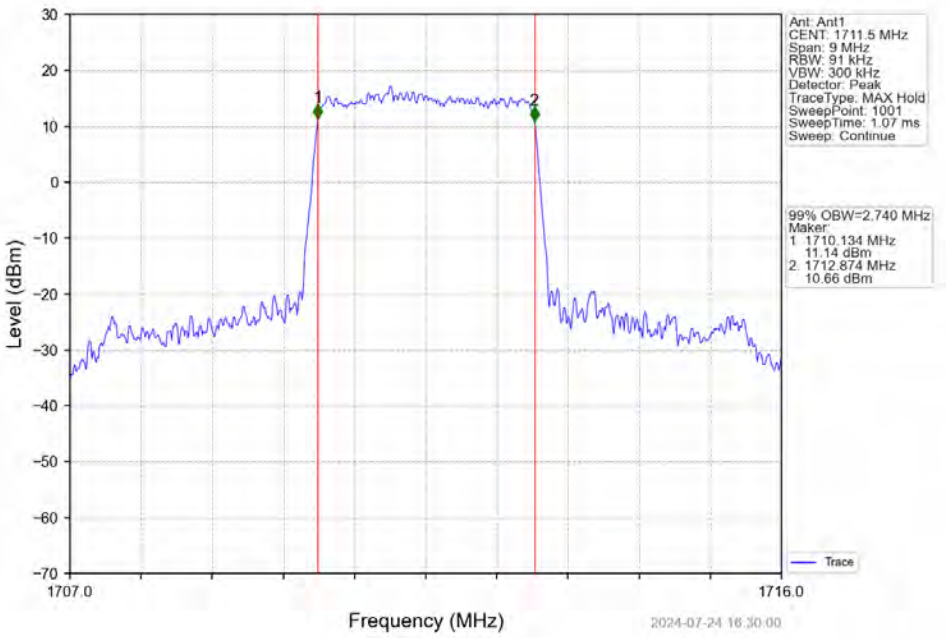
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



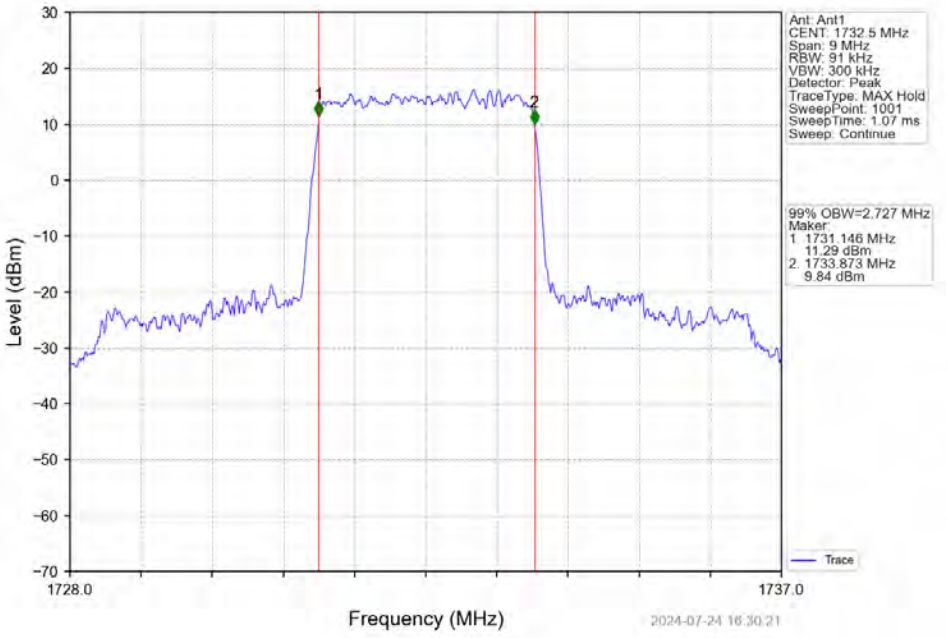
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



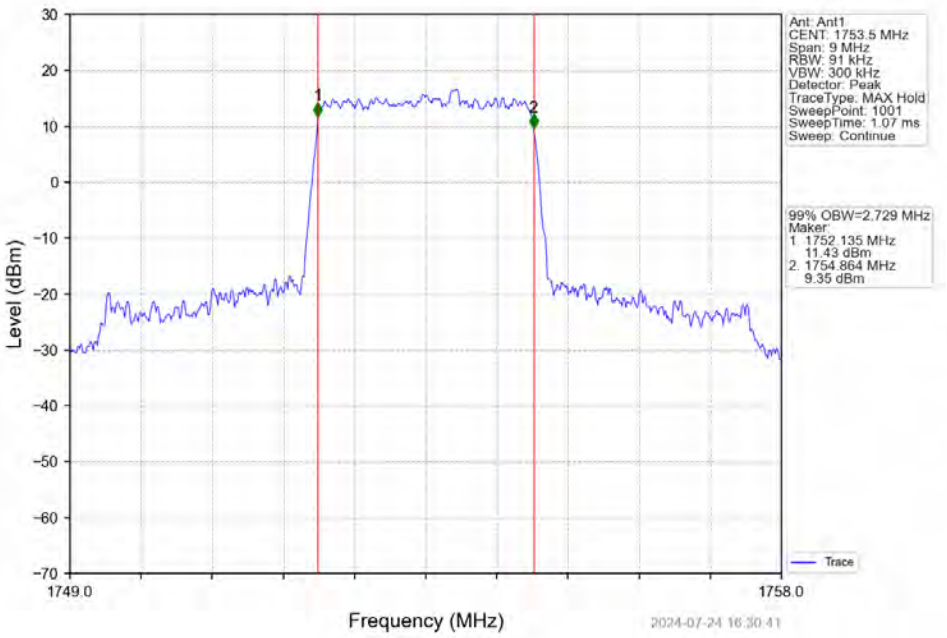
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



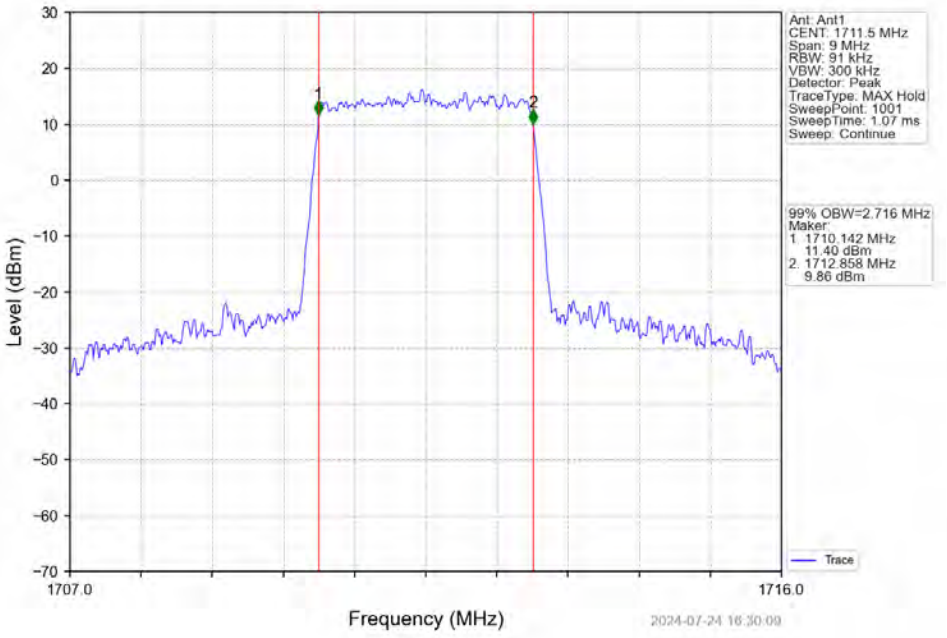
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



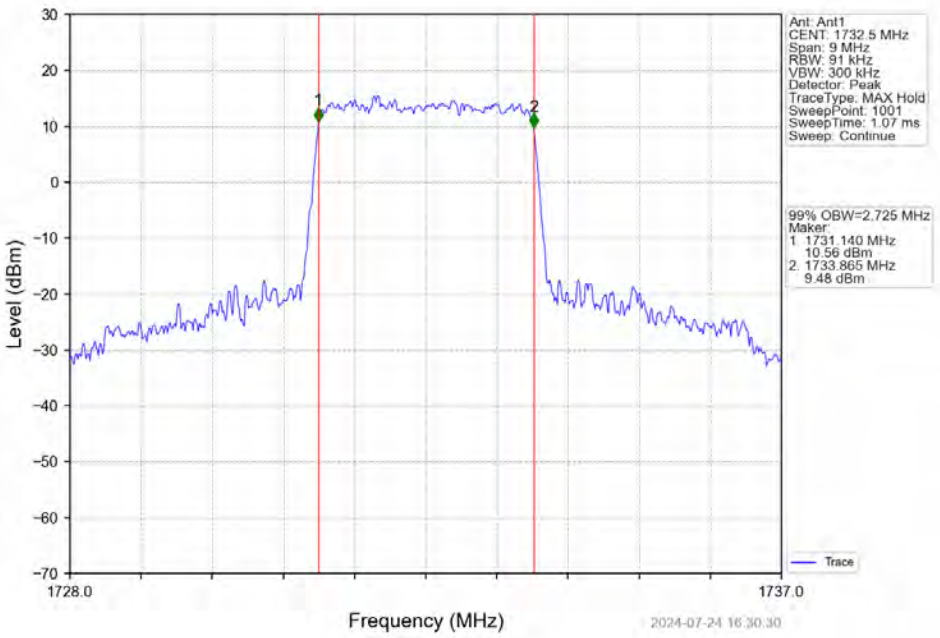
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



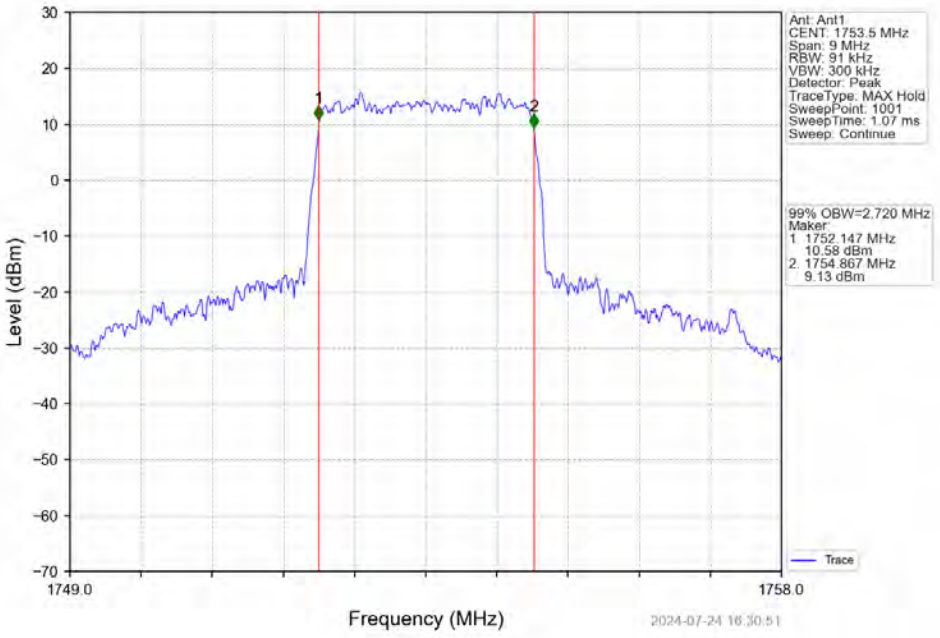
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



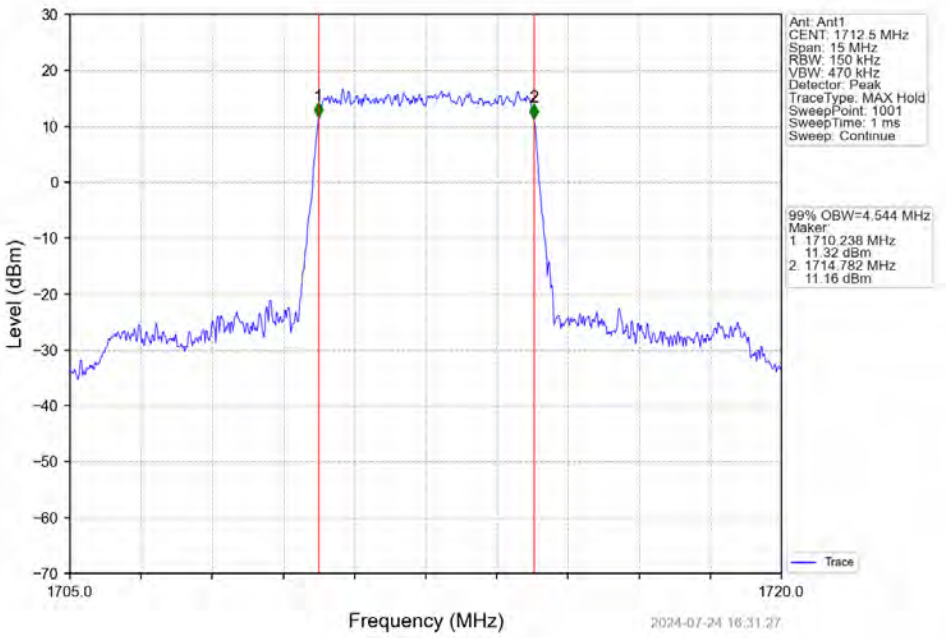
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



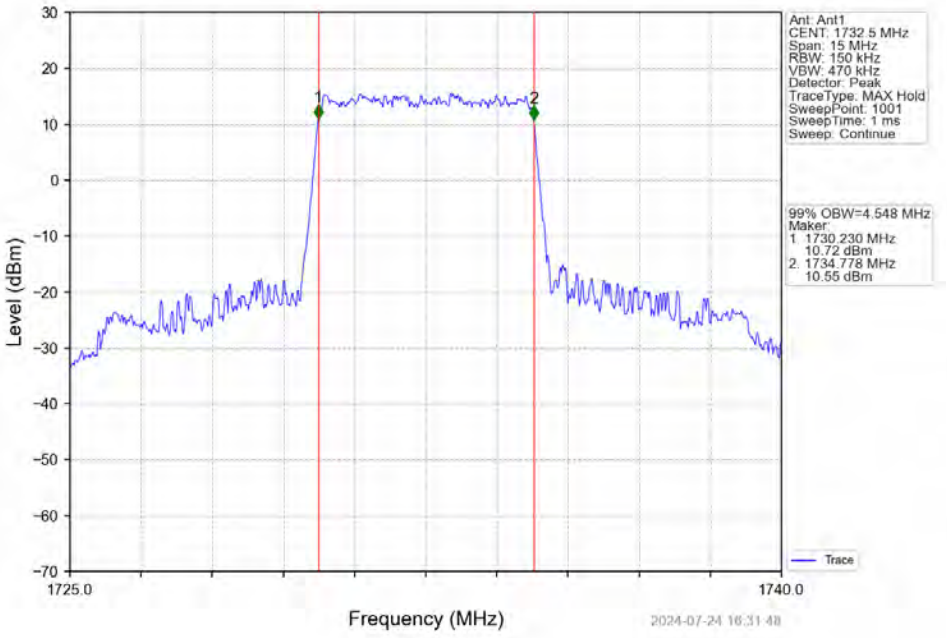
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



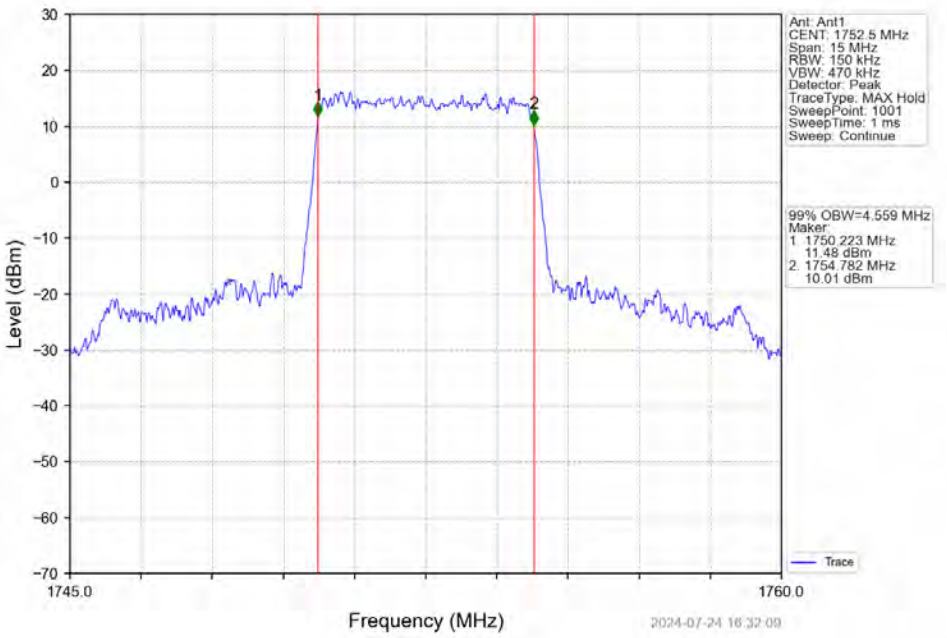
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



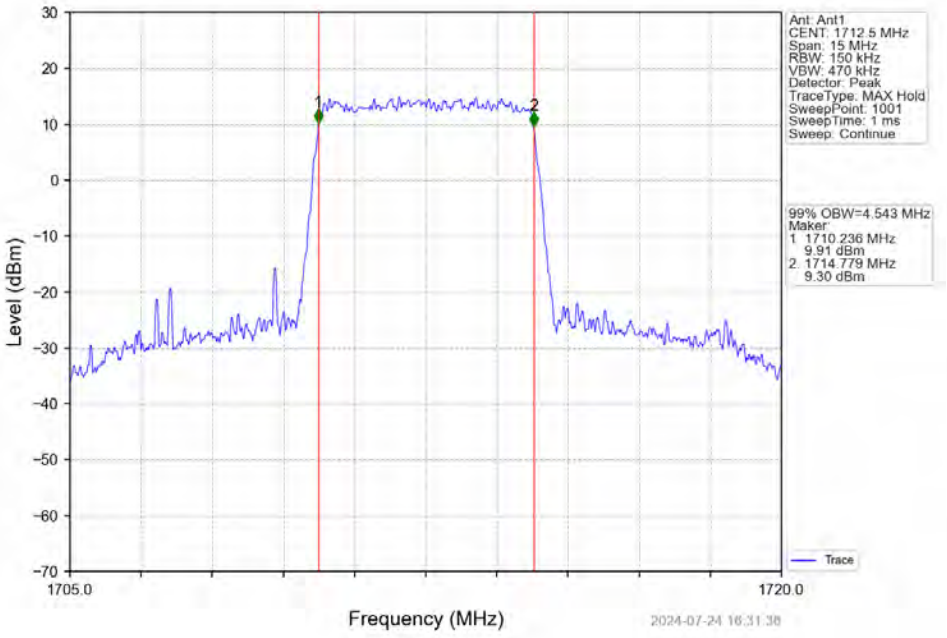
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



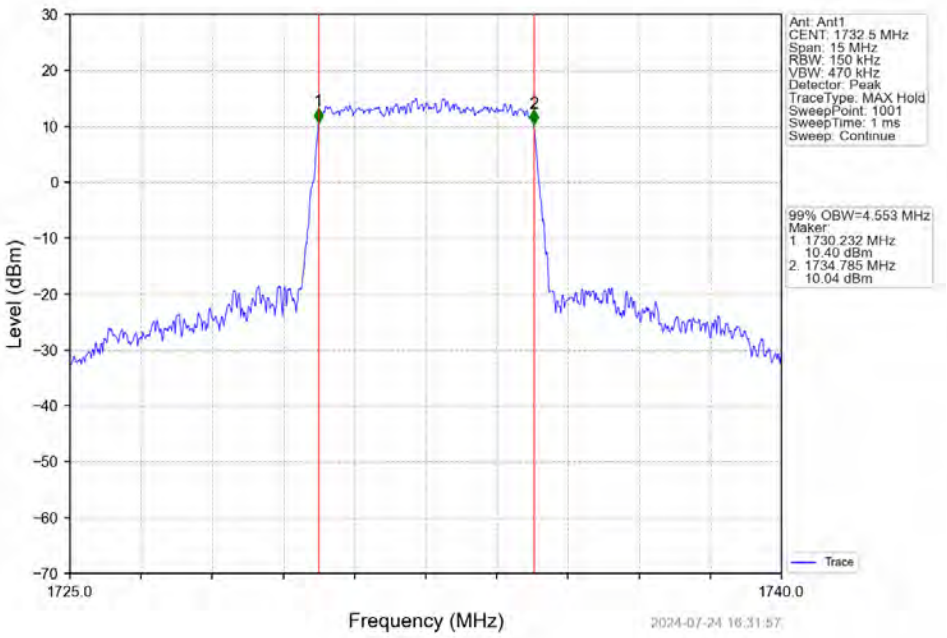
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



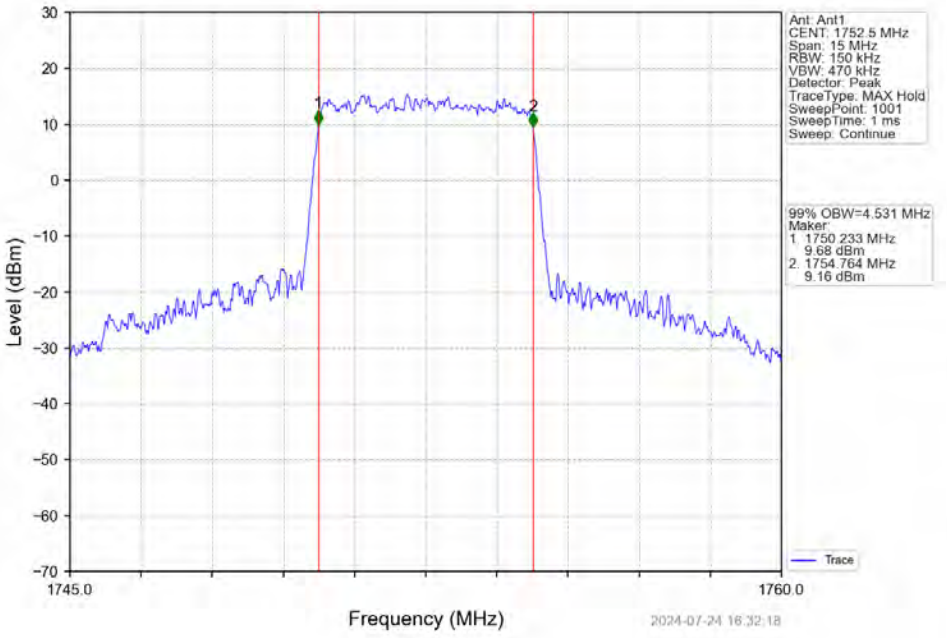
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



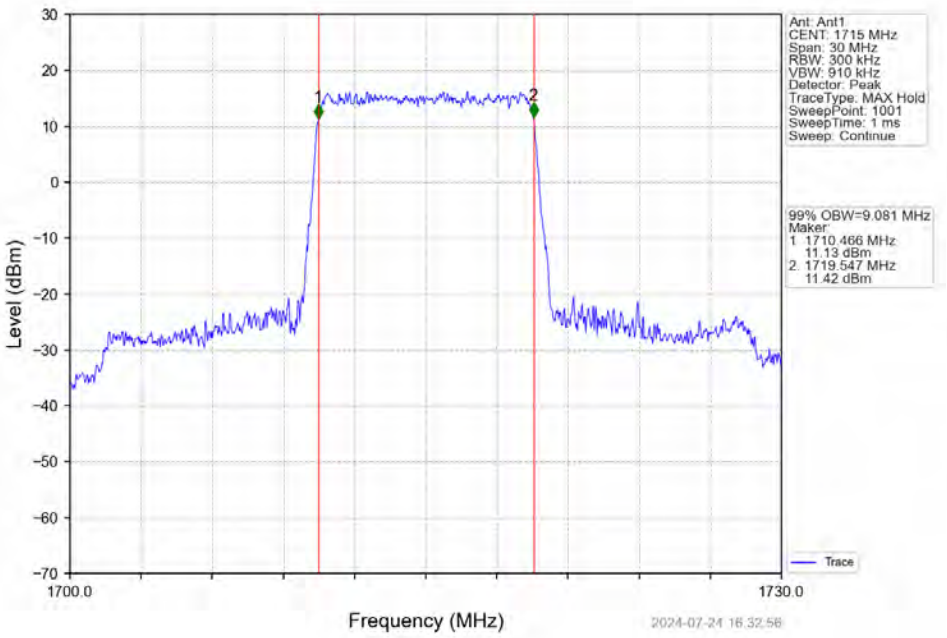
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



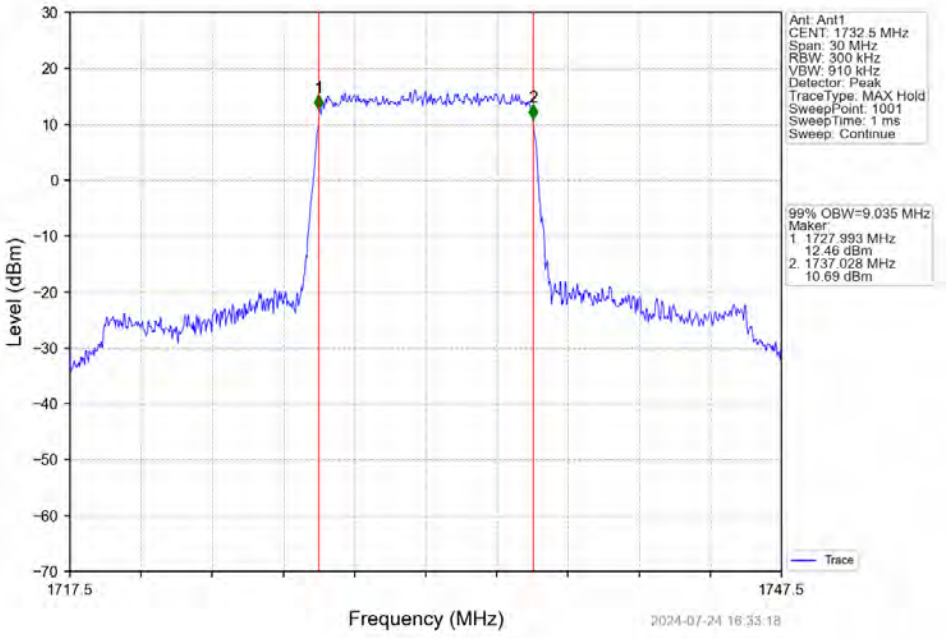
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



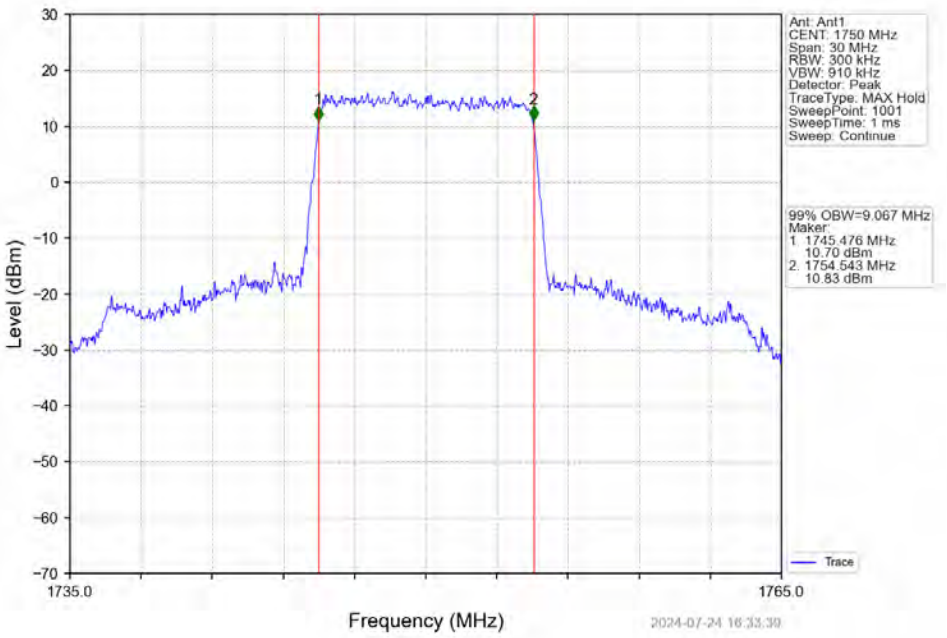
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



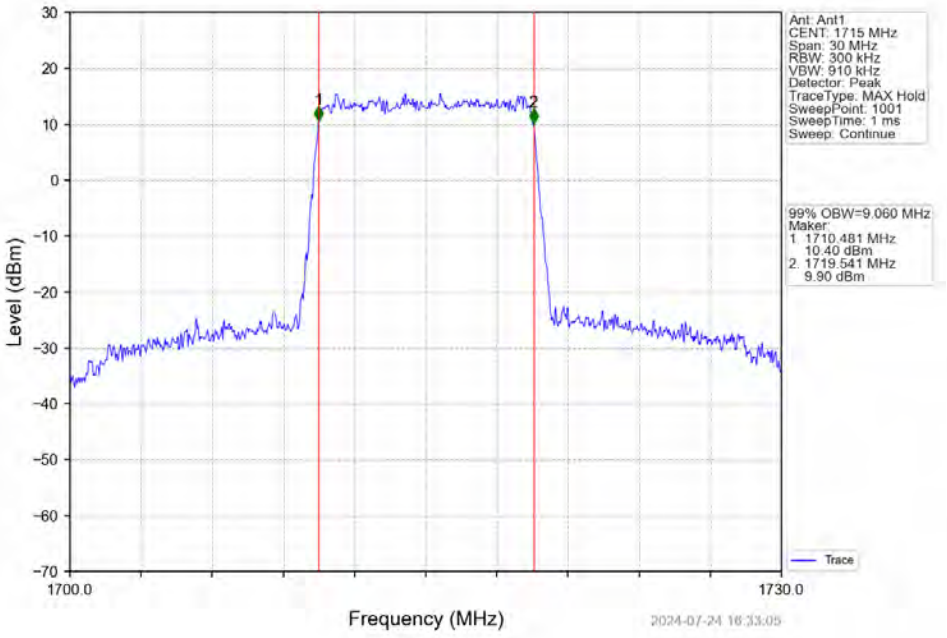
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



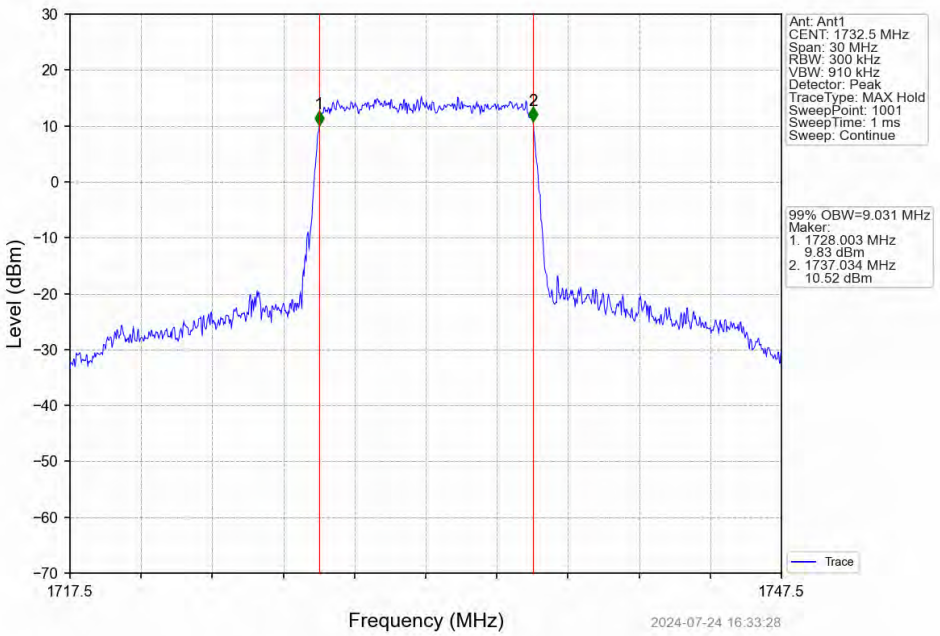
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



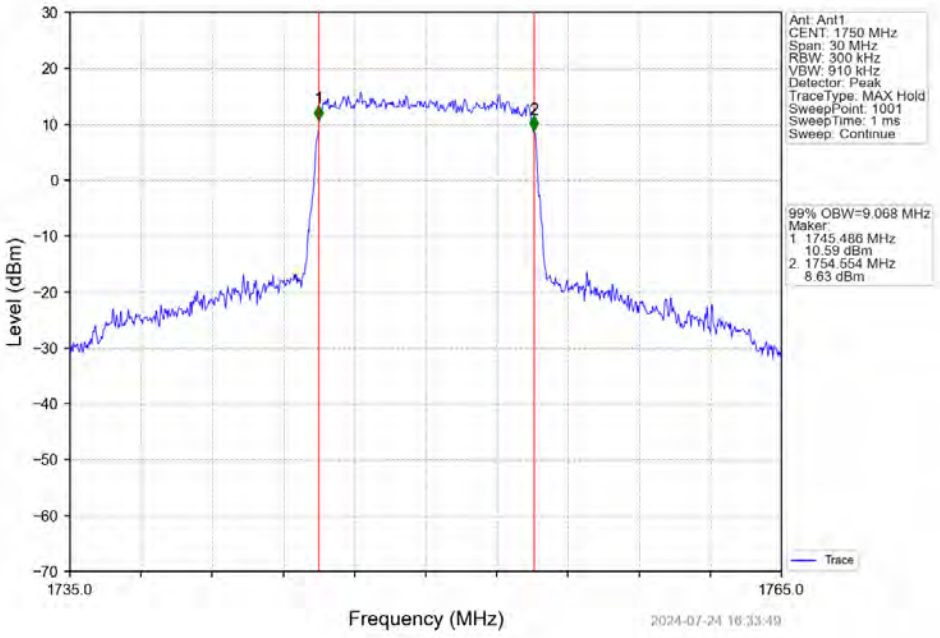
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



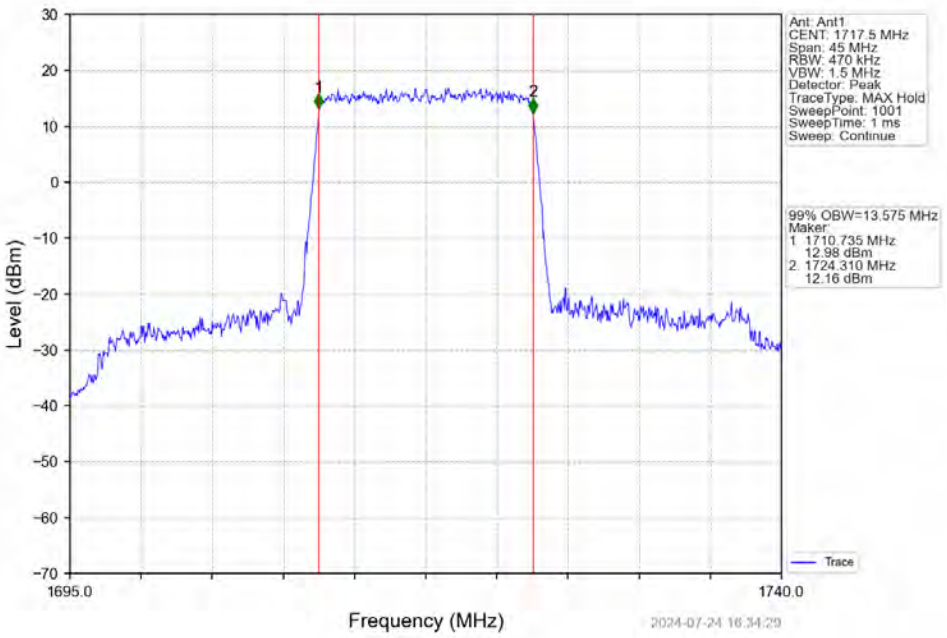
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



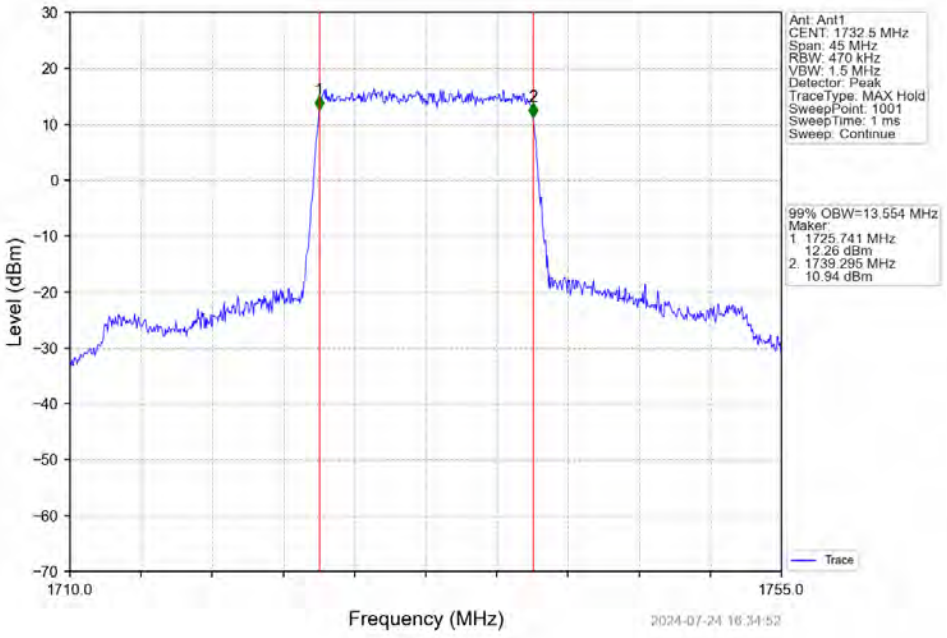
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



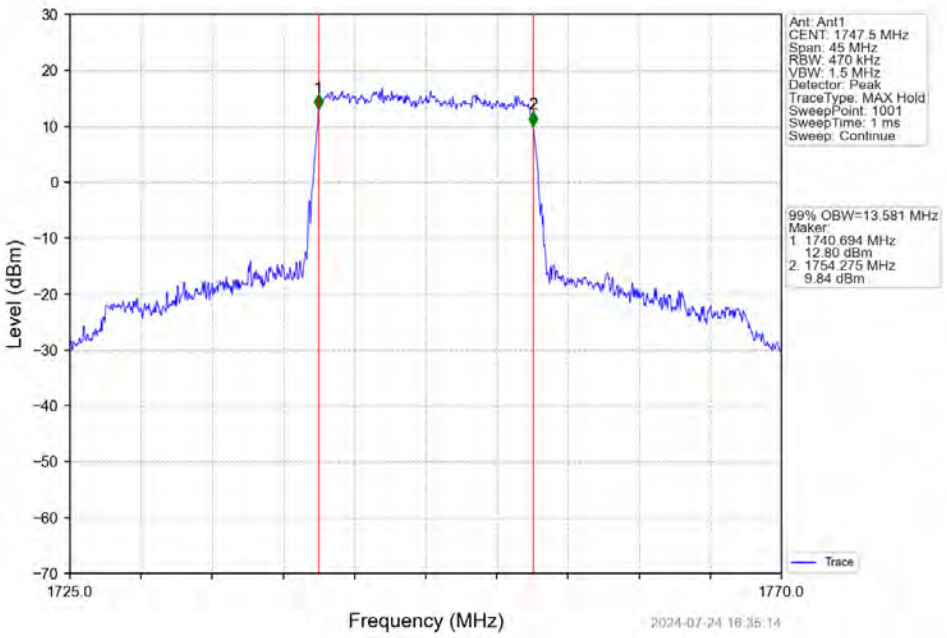
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



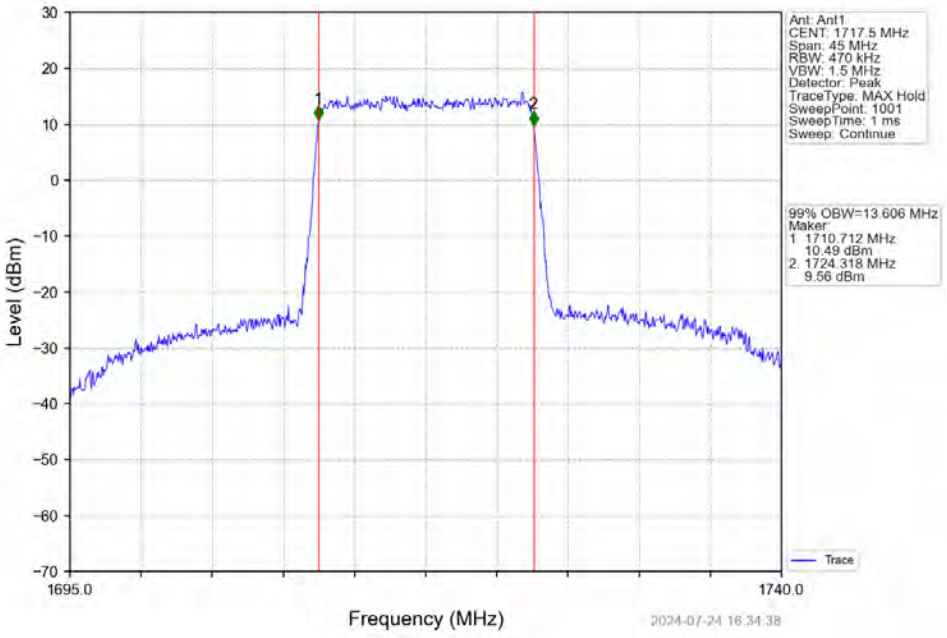
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



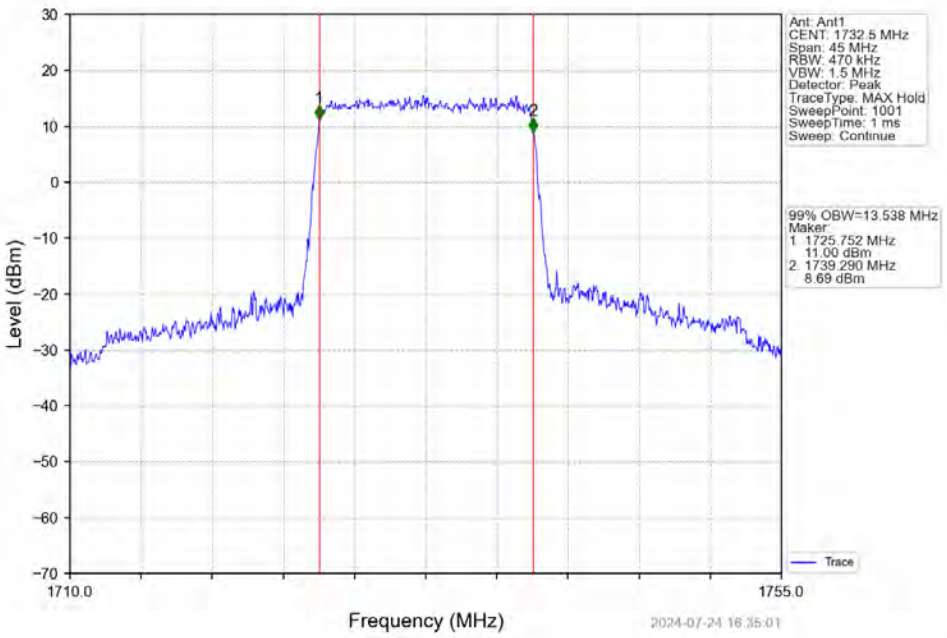
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



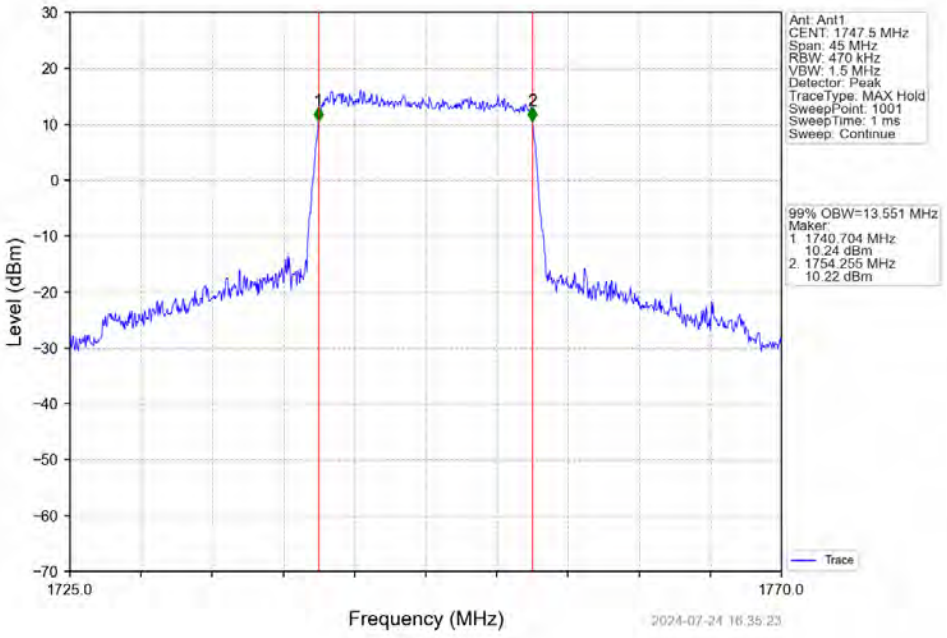
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



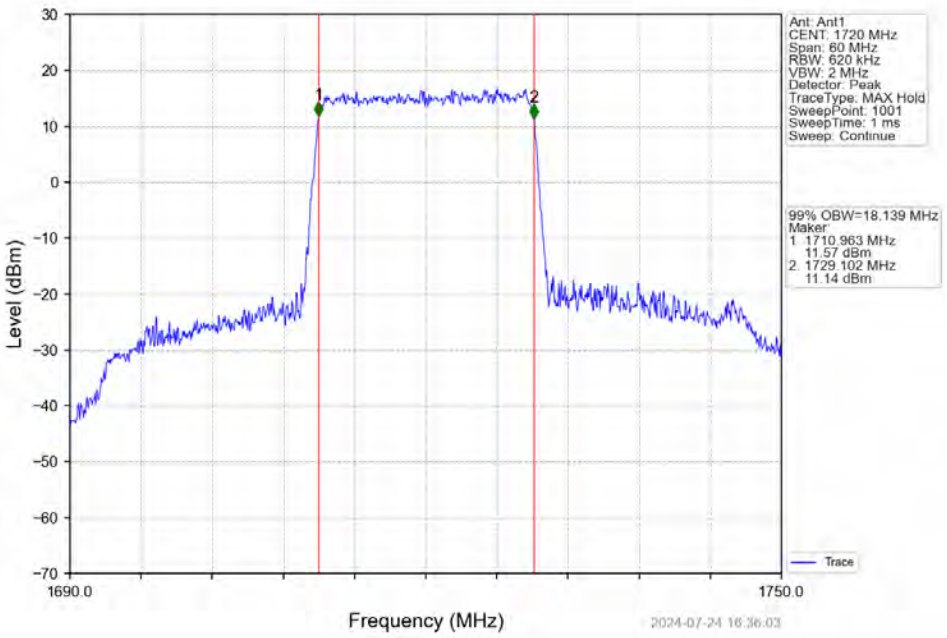
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



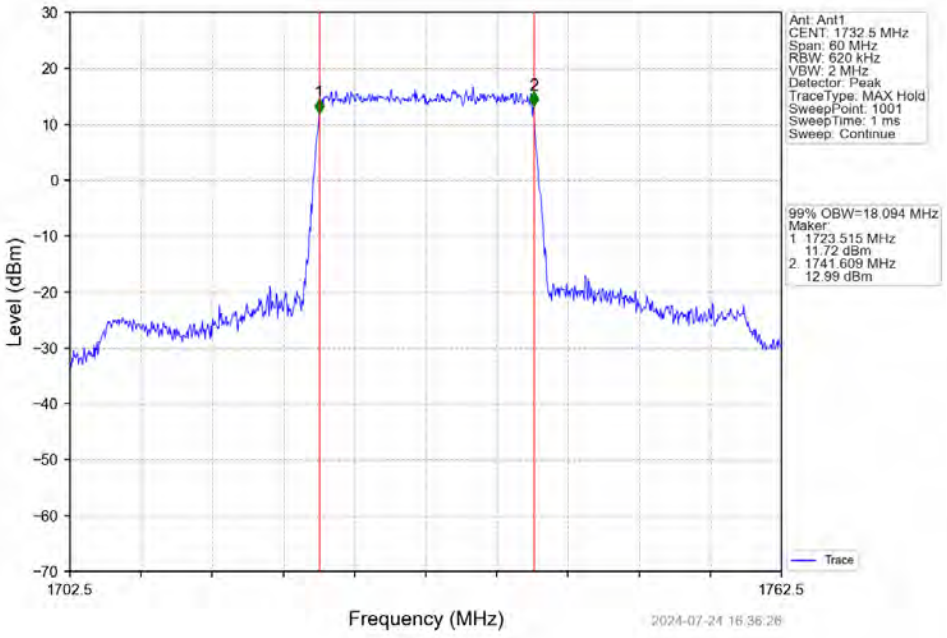
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



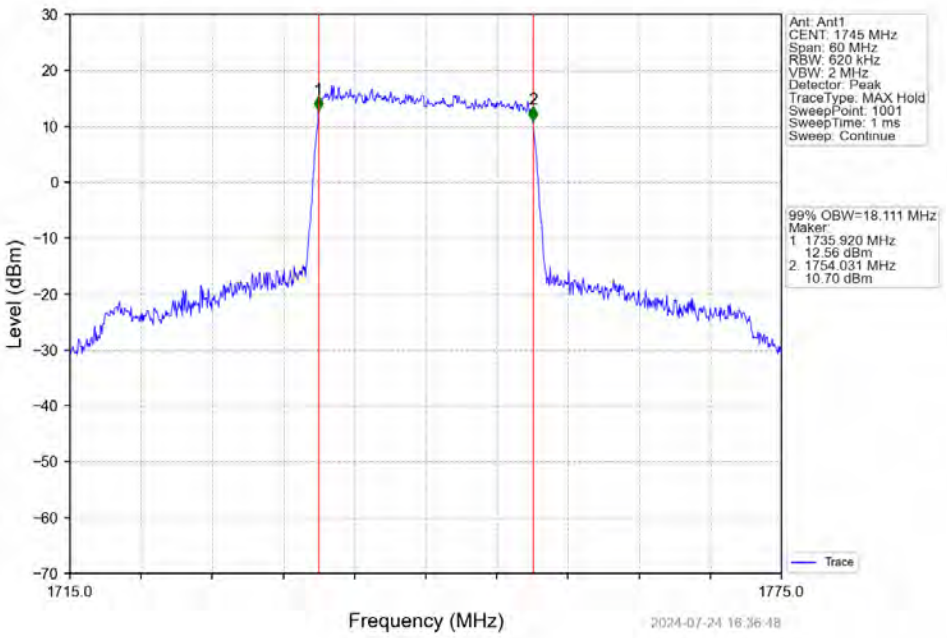
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



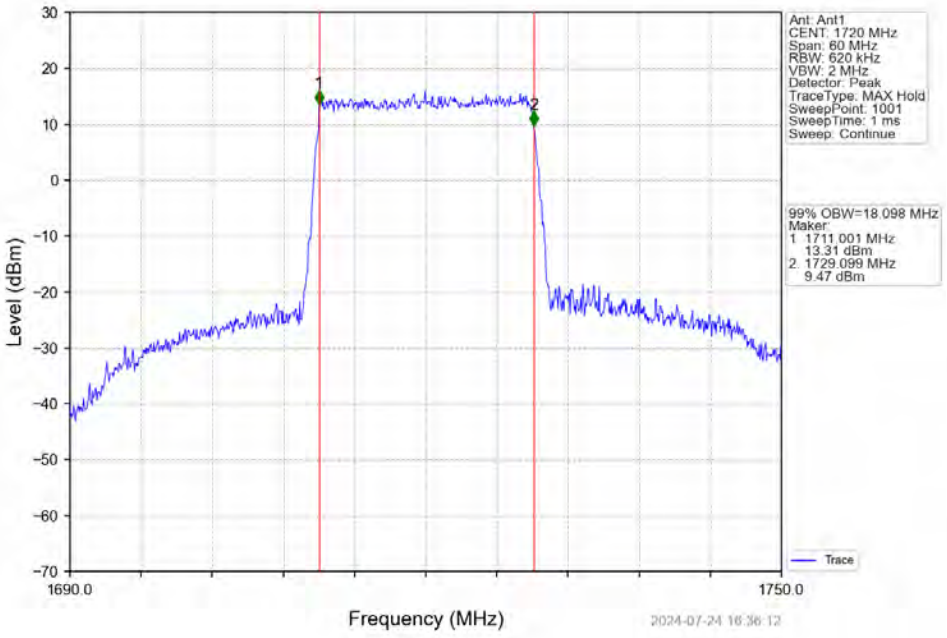
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



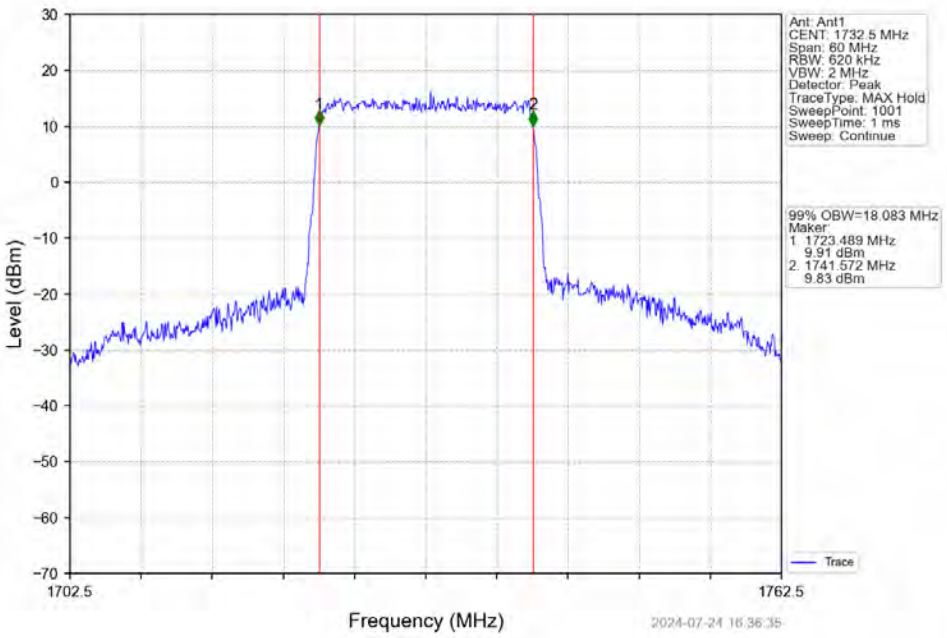
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



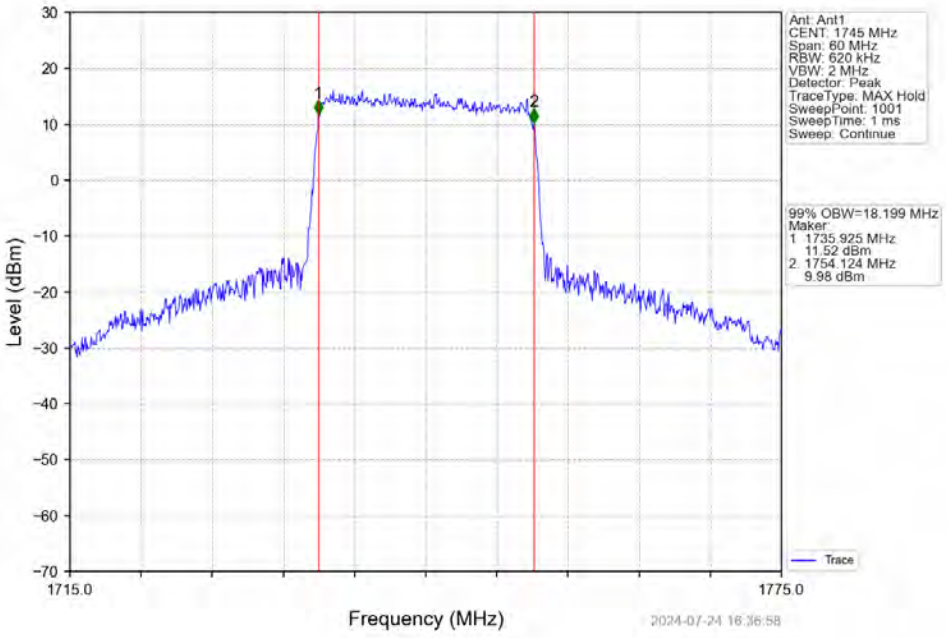
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

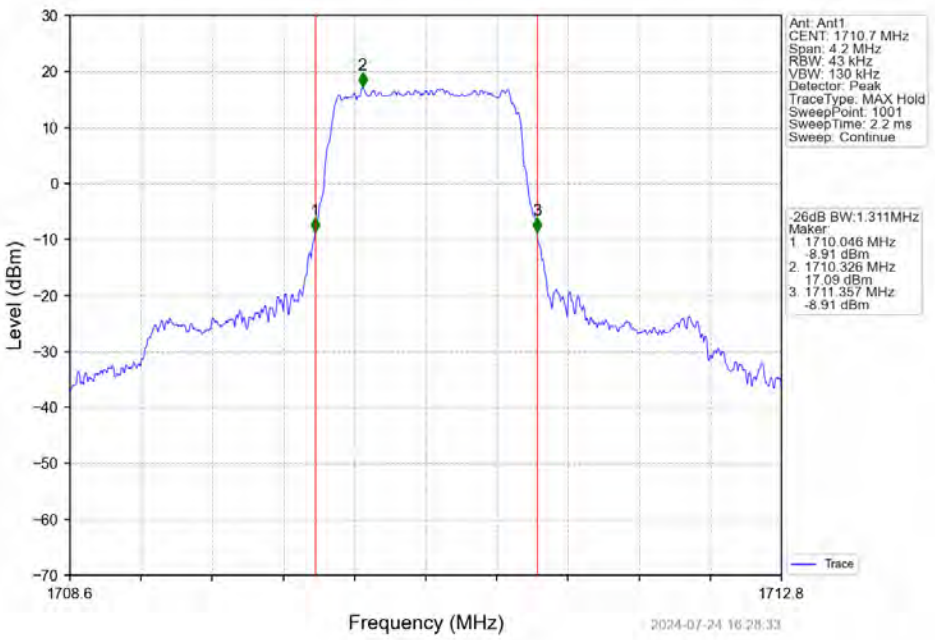


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

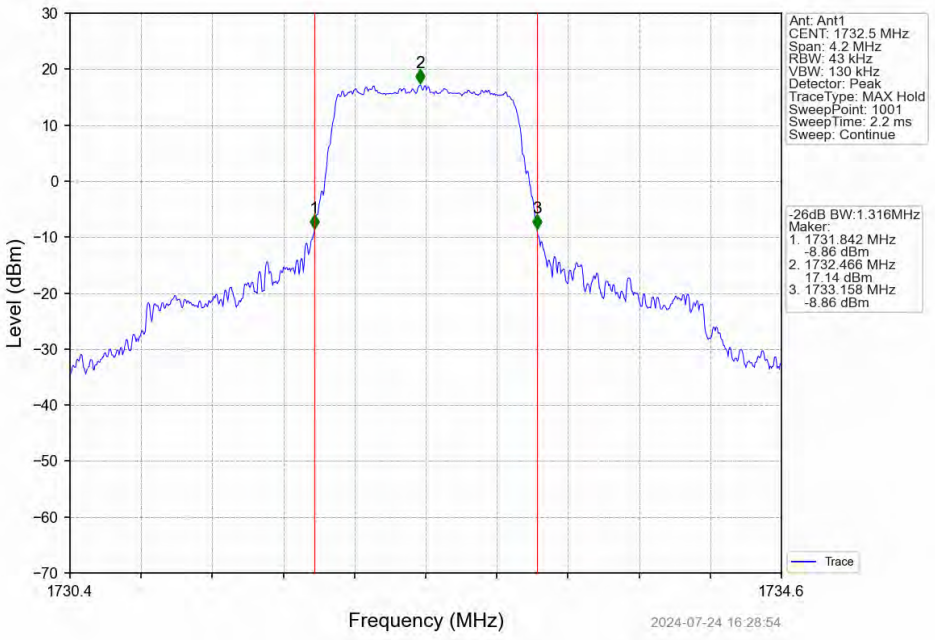


4.2.2 Band4_XDB

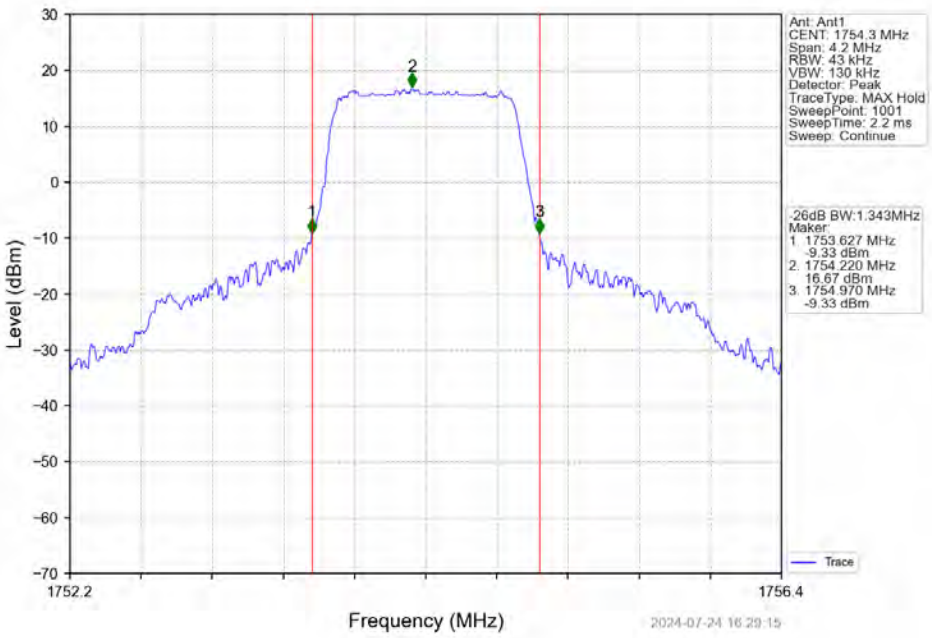
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



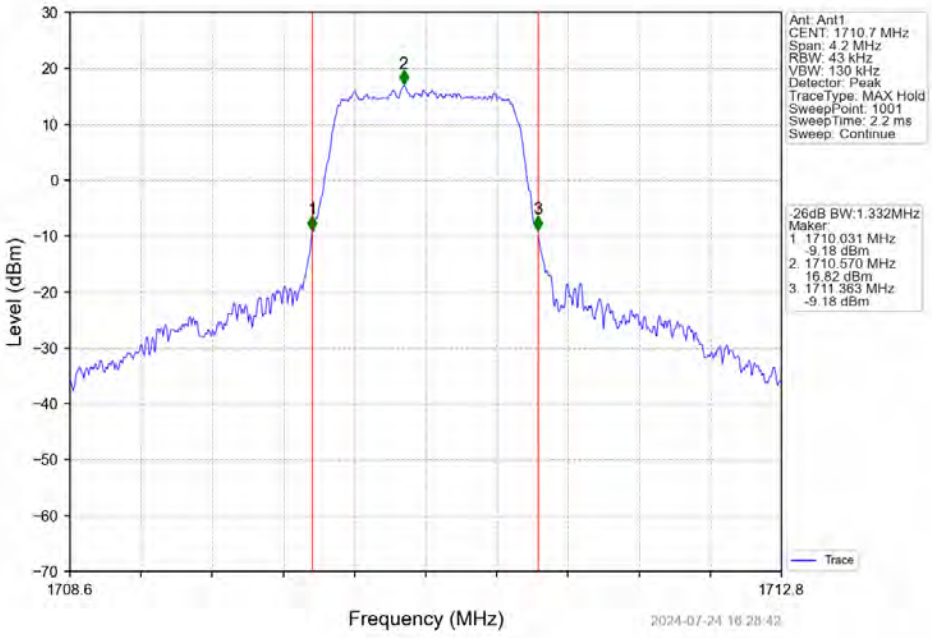
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



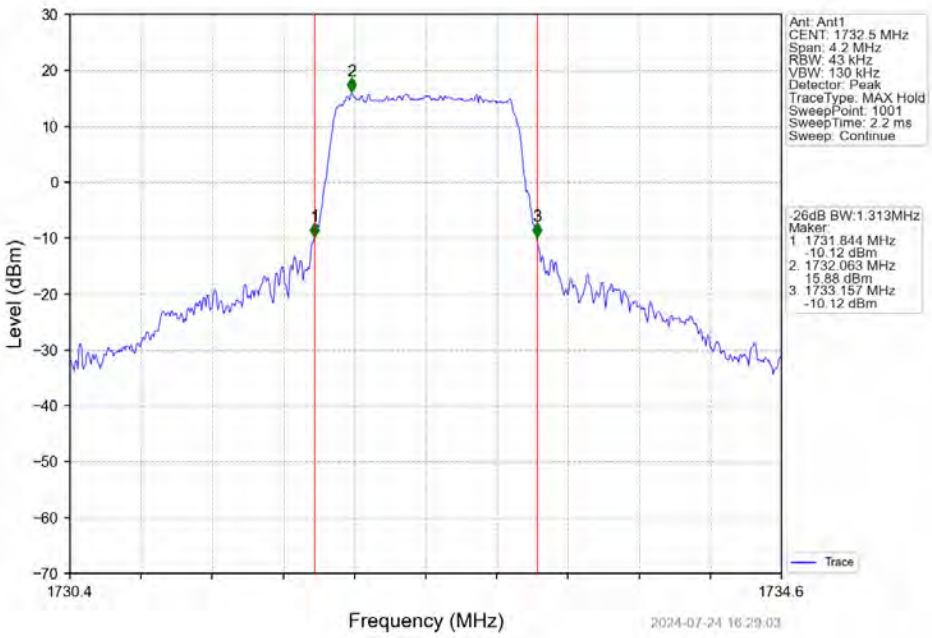
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



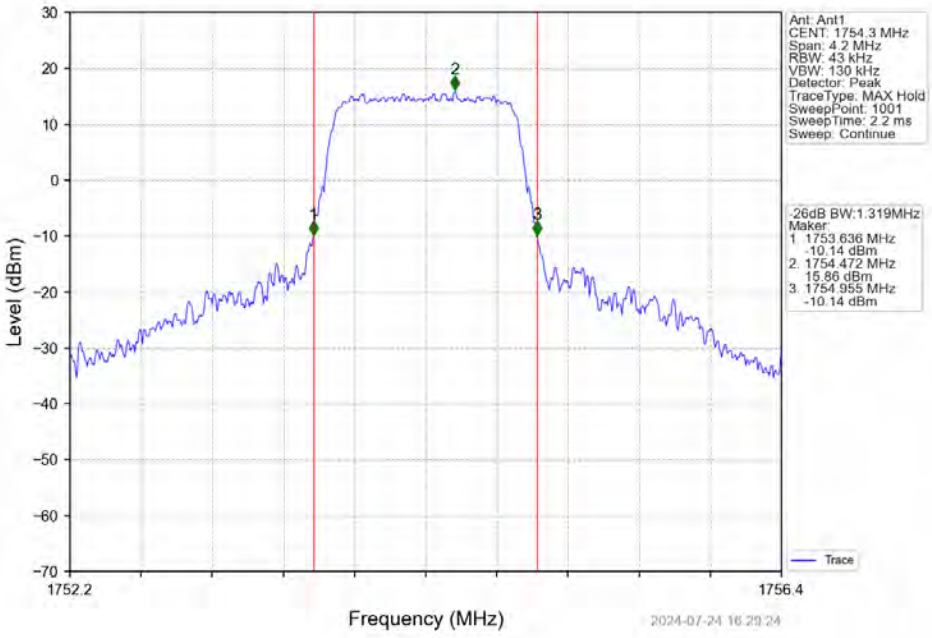
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



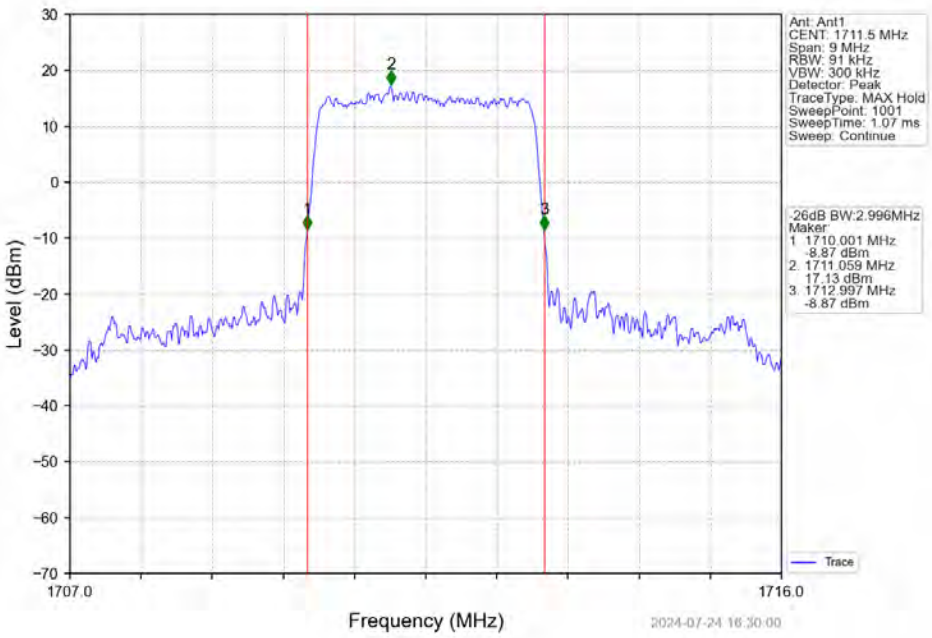
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



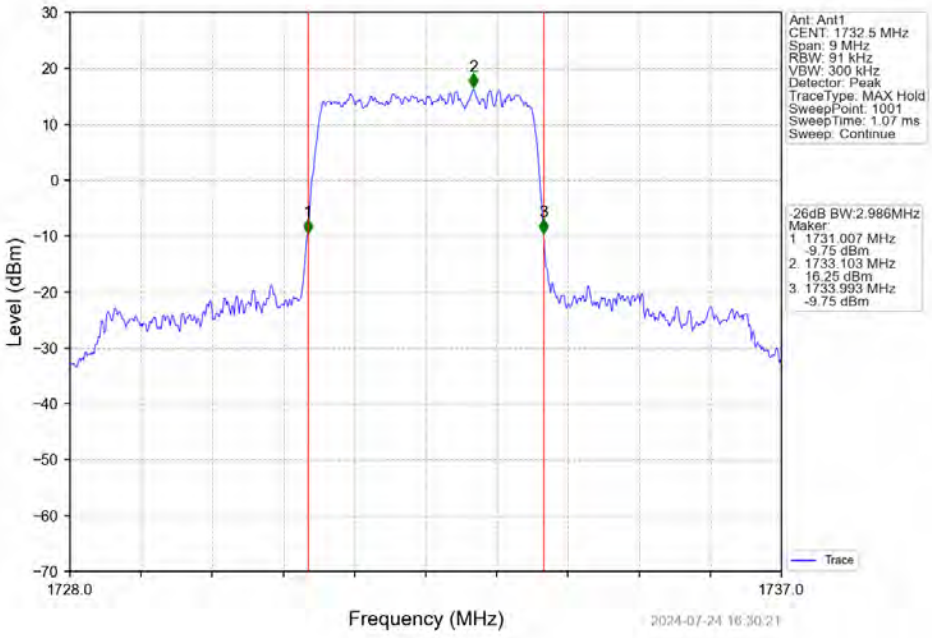
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



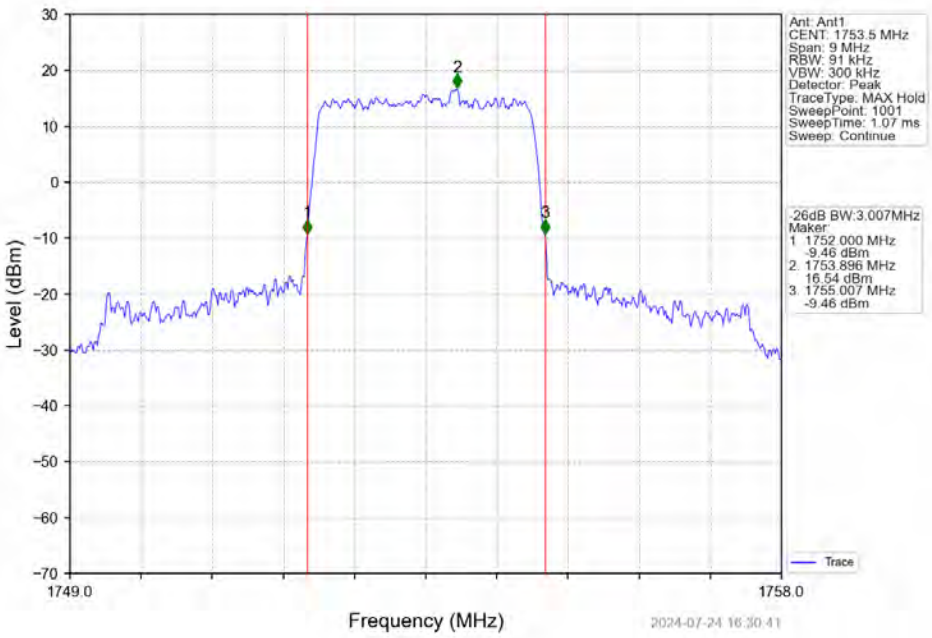
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



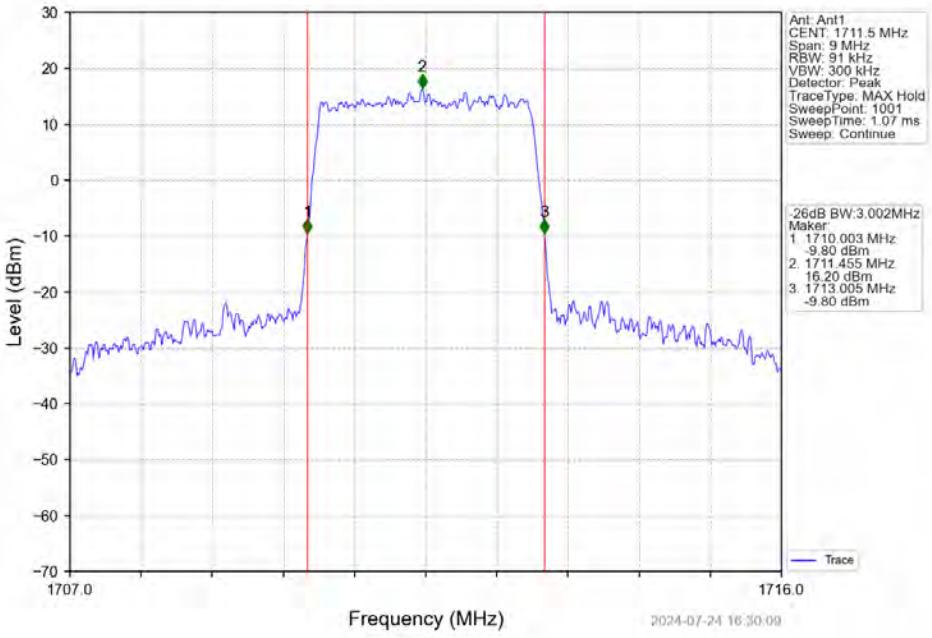
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



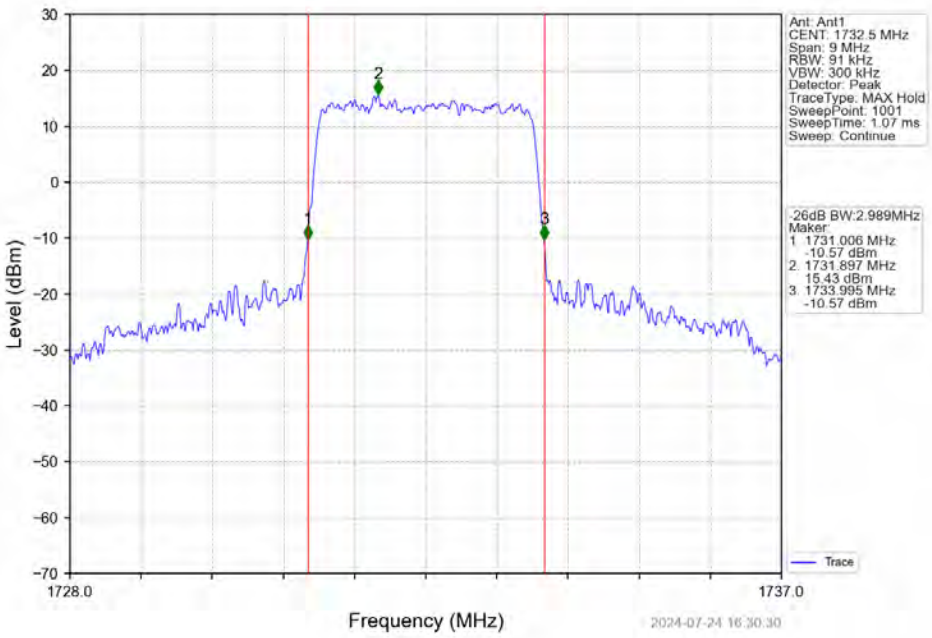
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



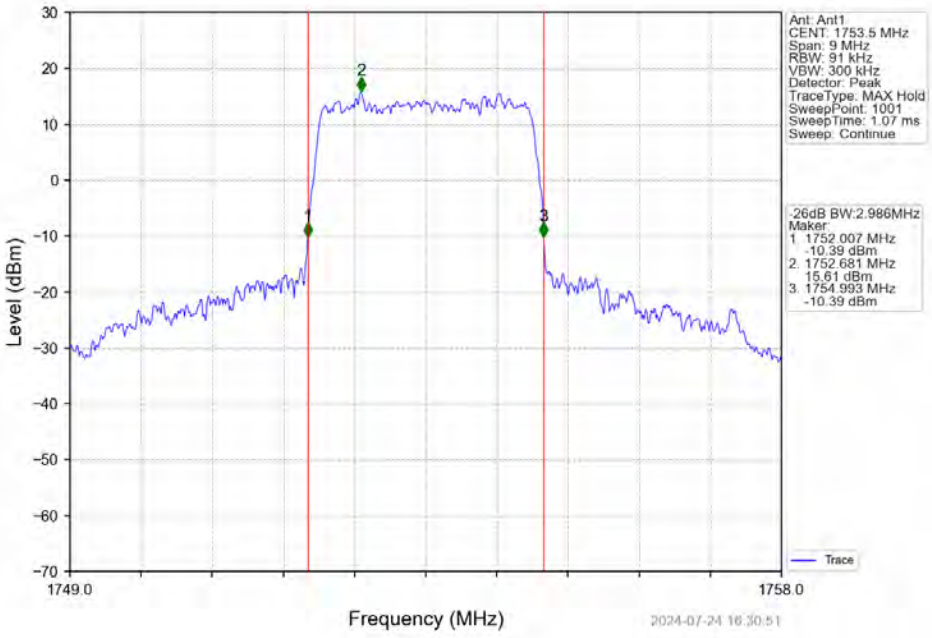
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



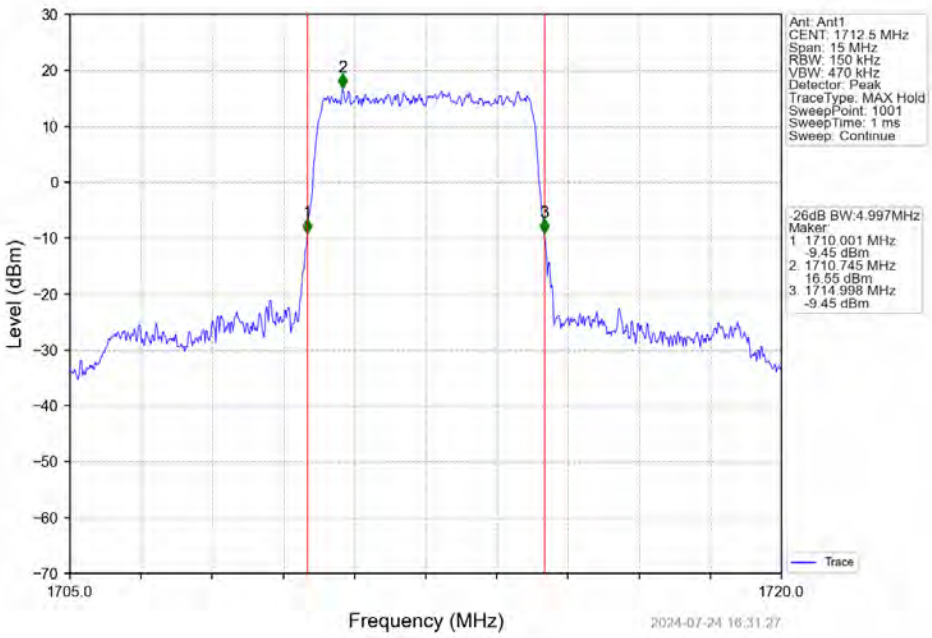
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



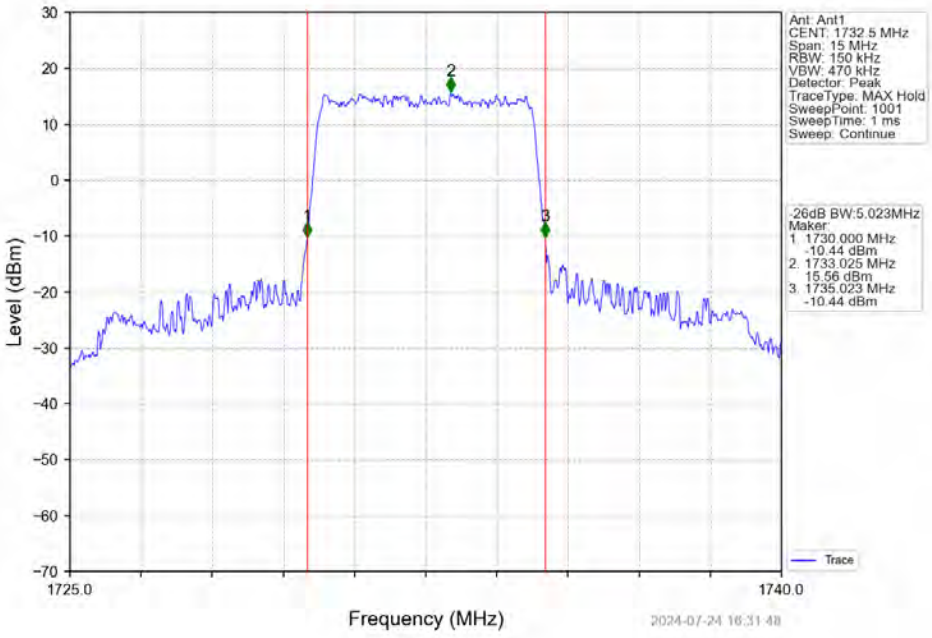
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



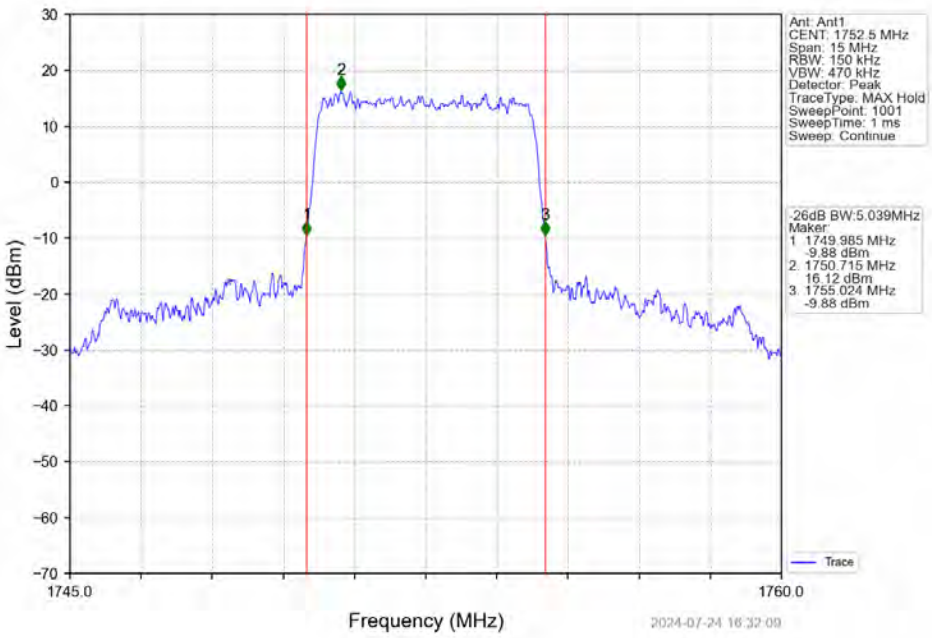
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



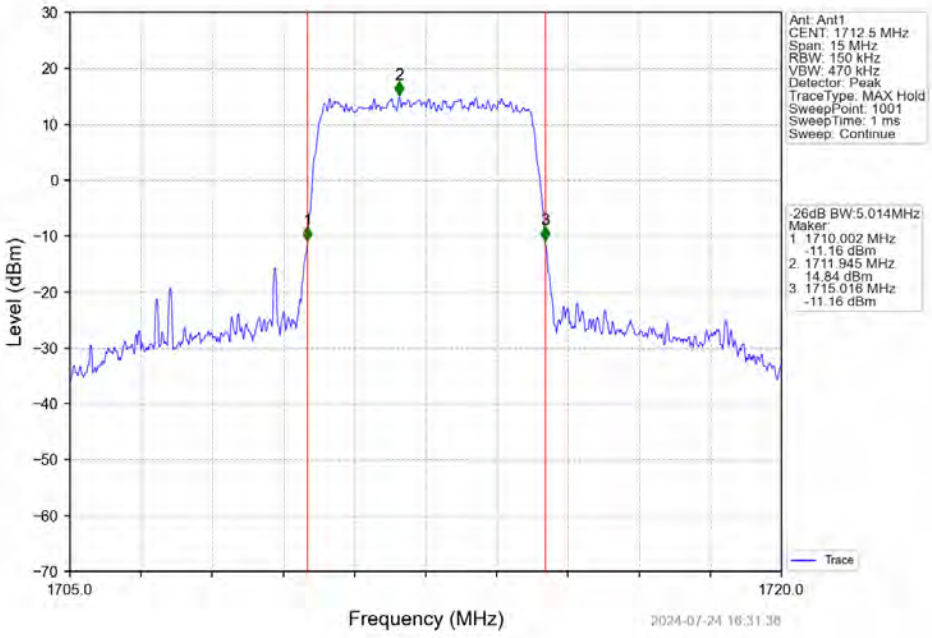
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



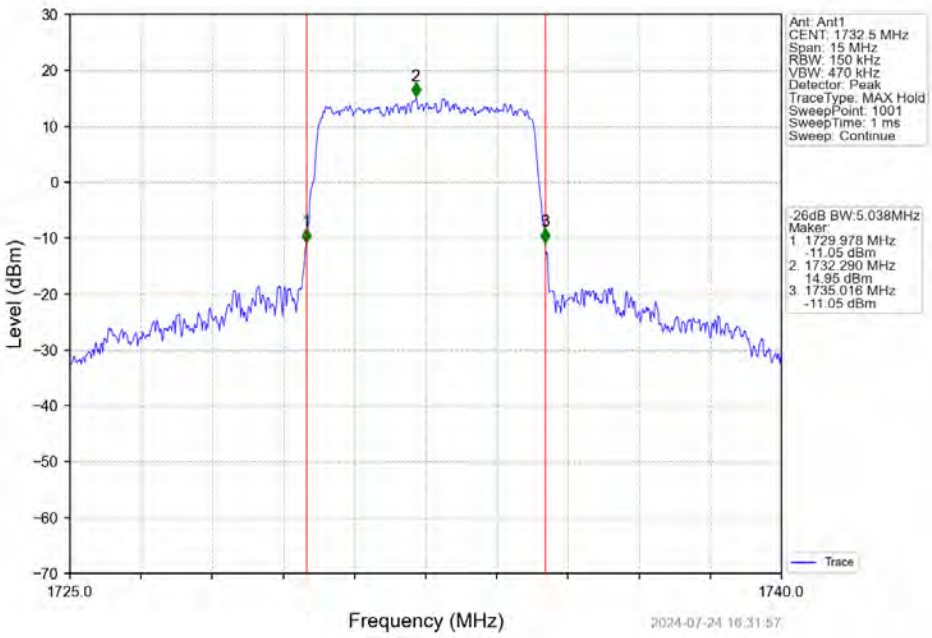
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



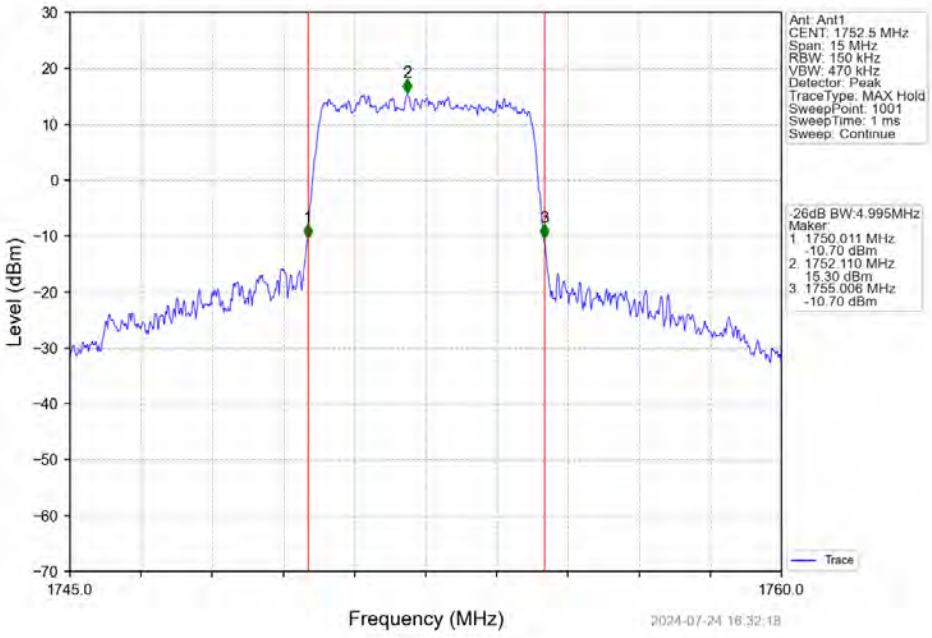
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



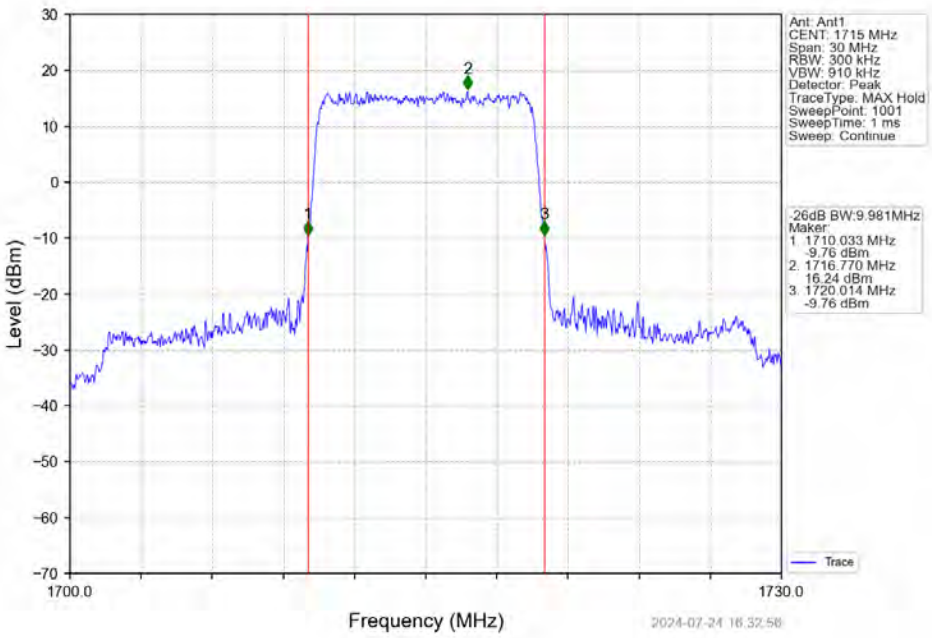
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



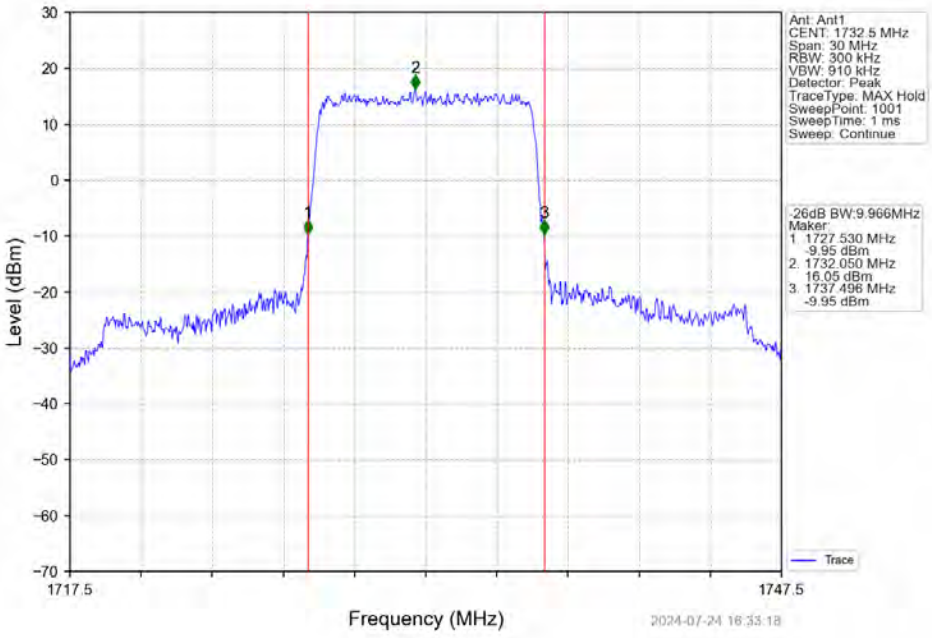
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



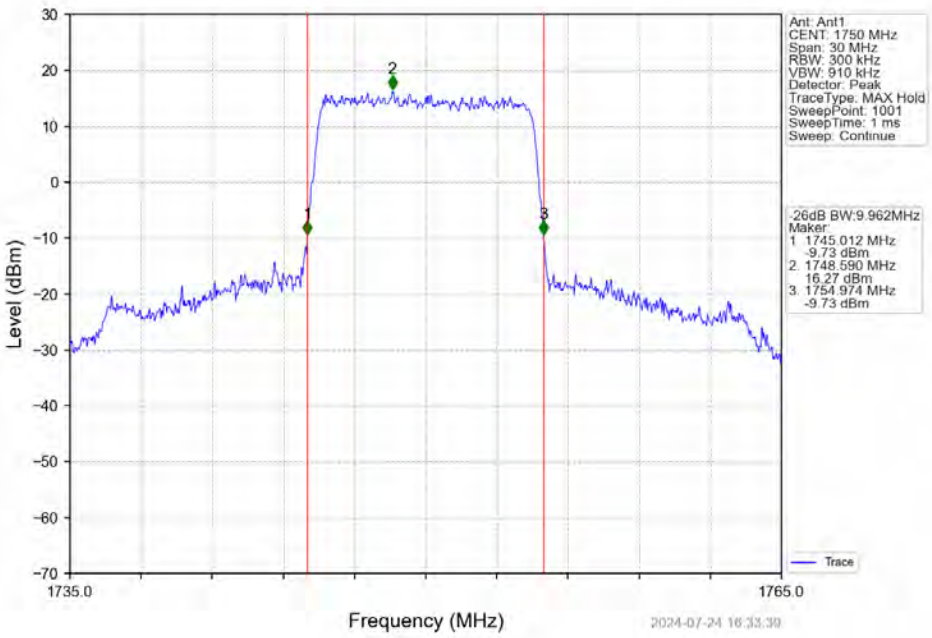
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



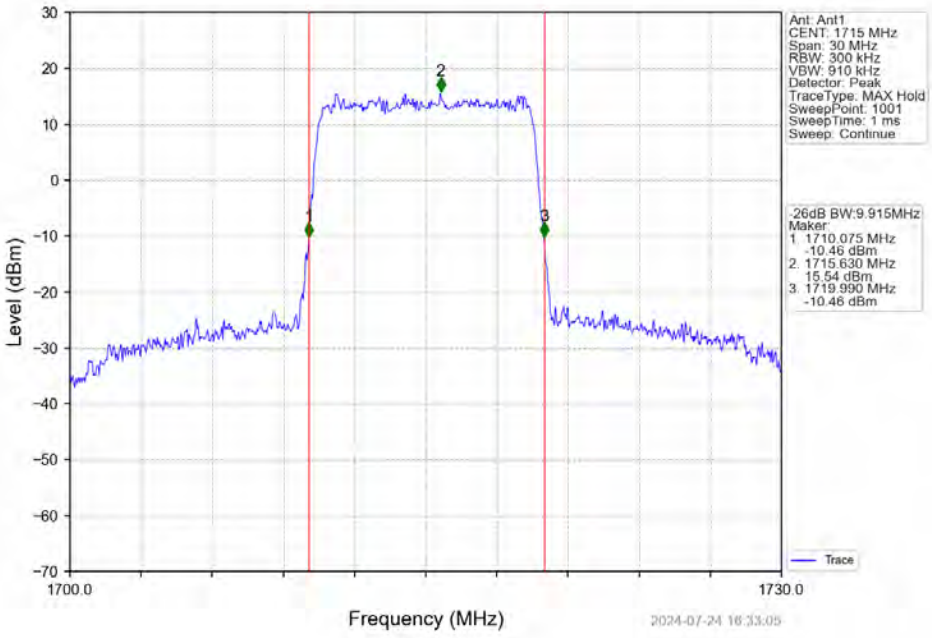
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



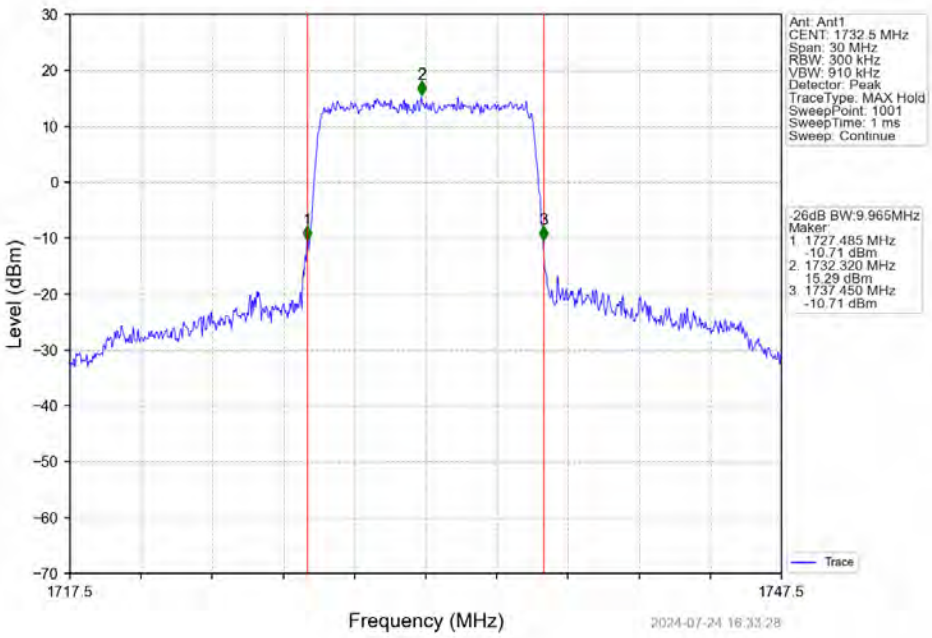
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



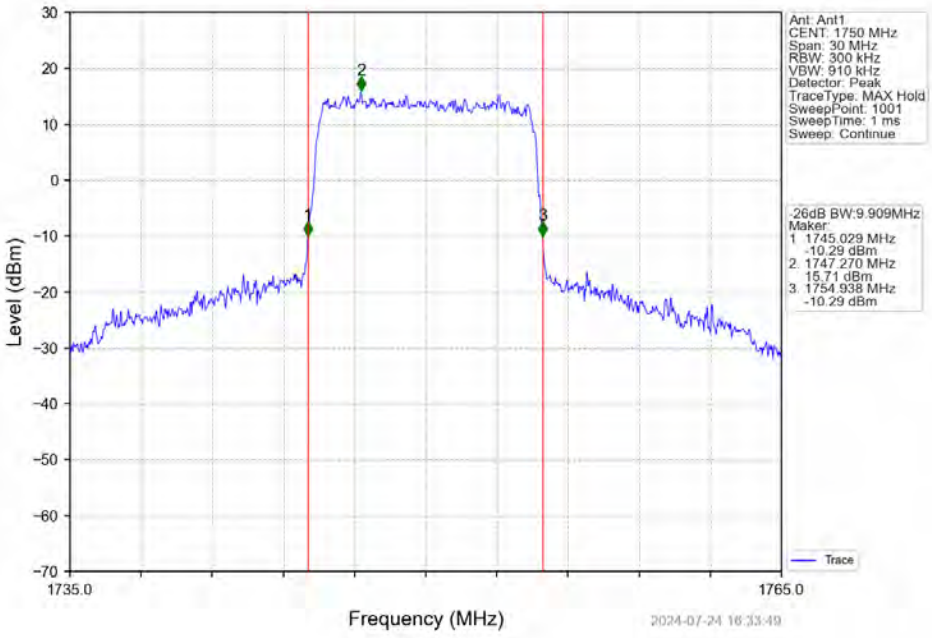
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



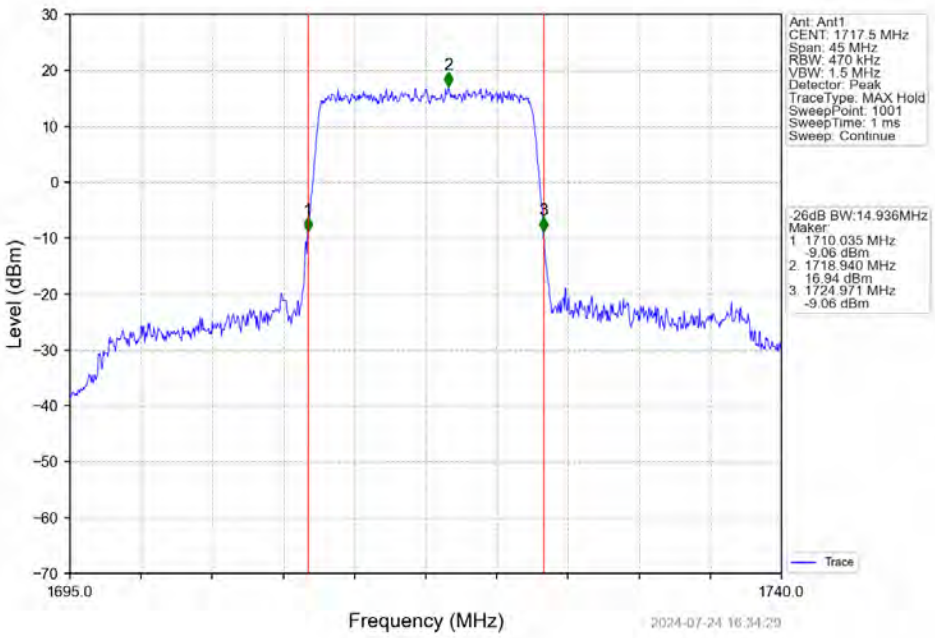
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



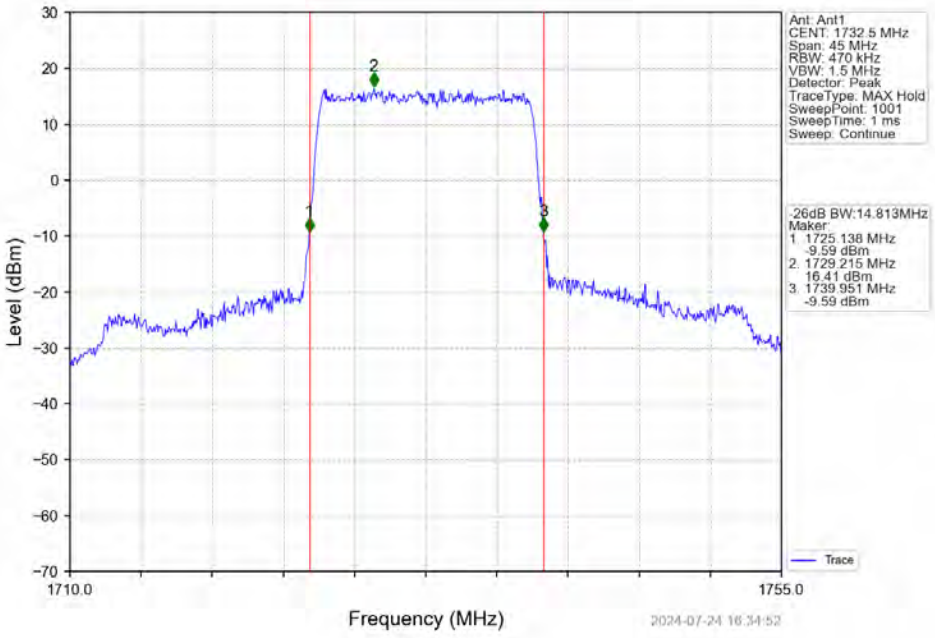
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



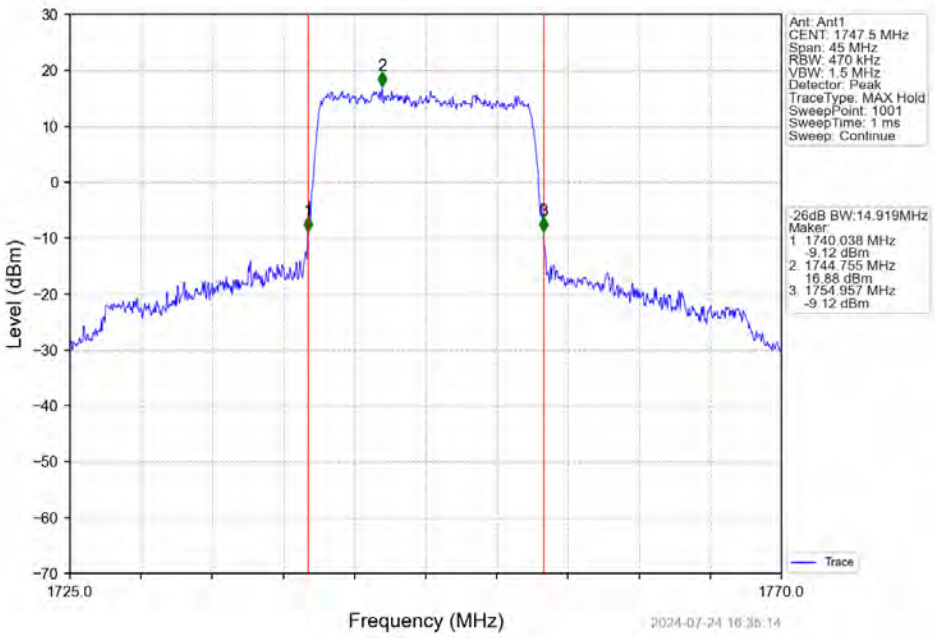
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



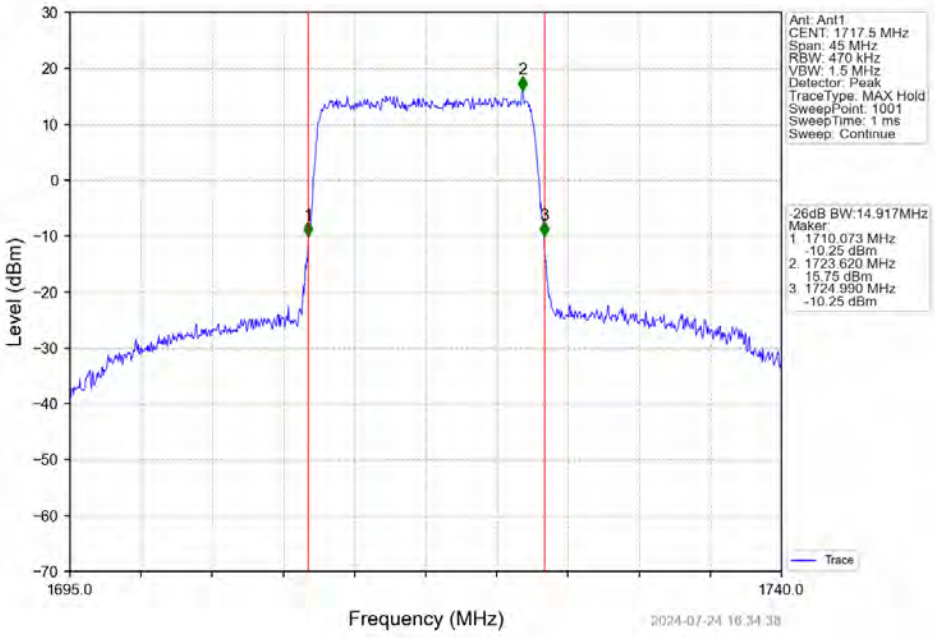
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



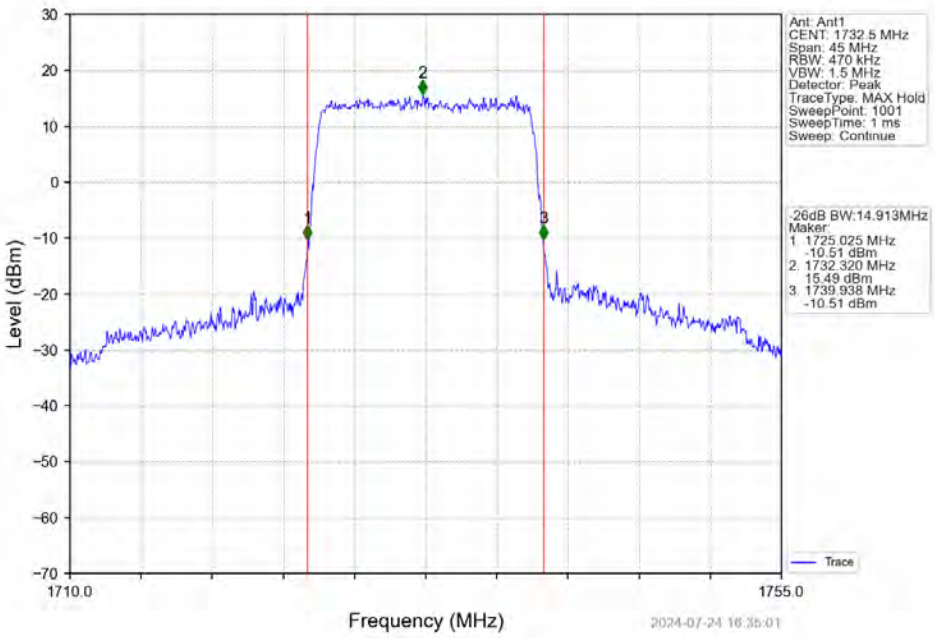
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



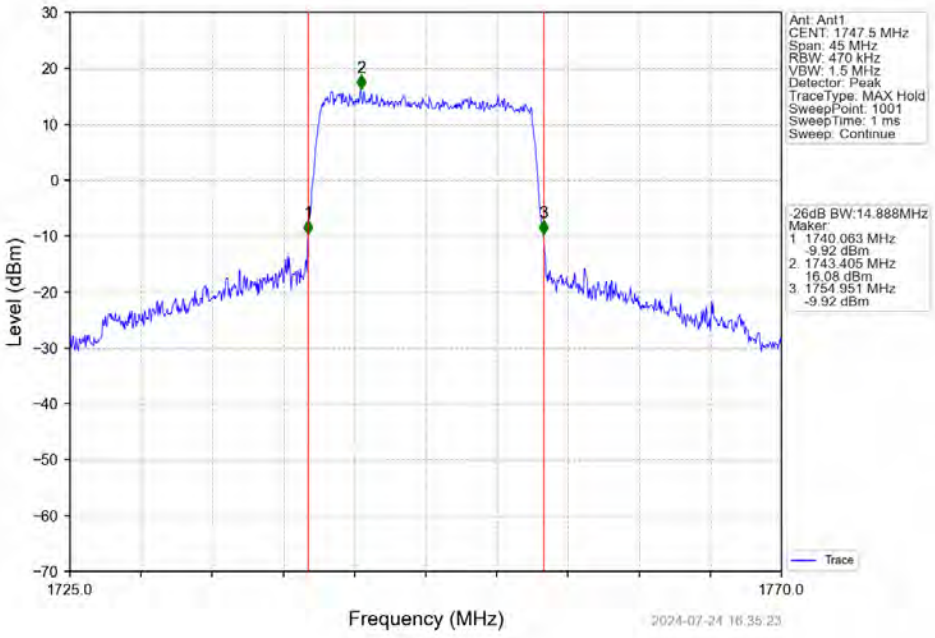
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



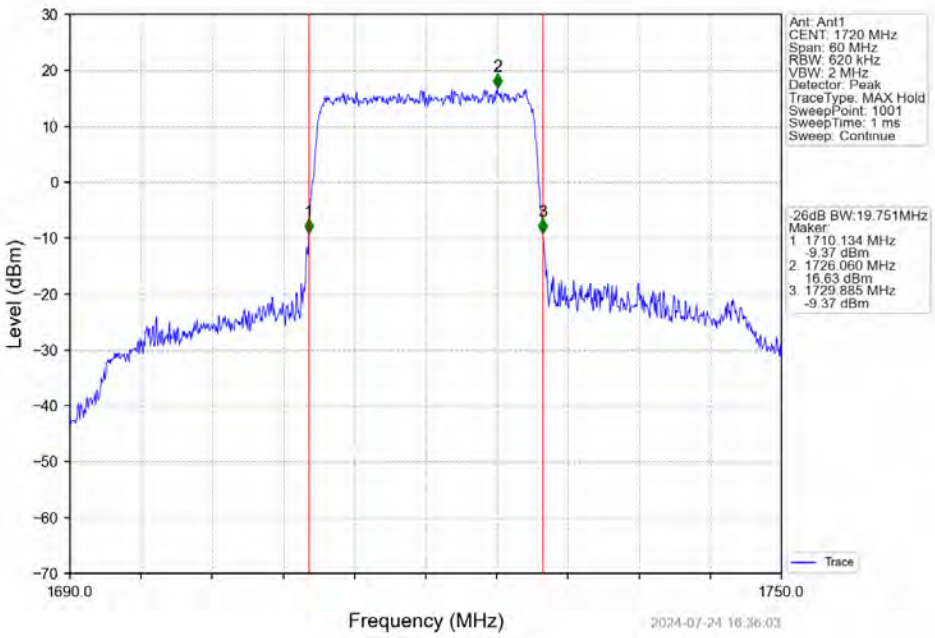
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



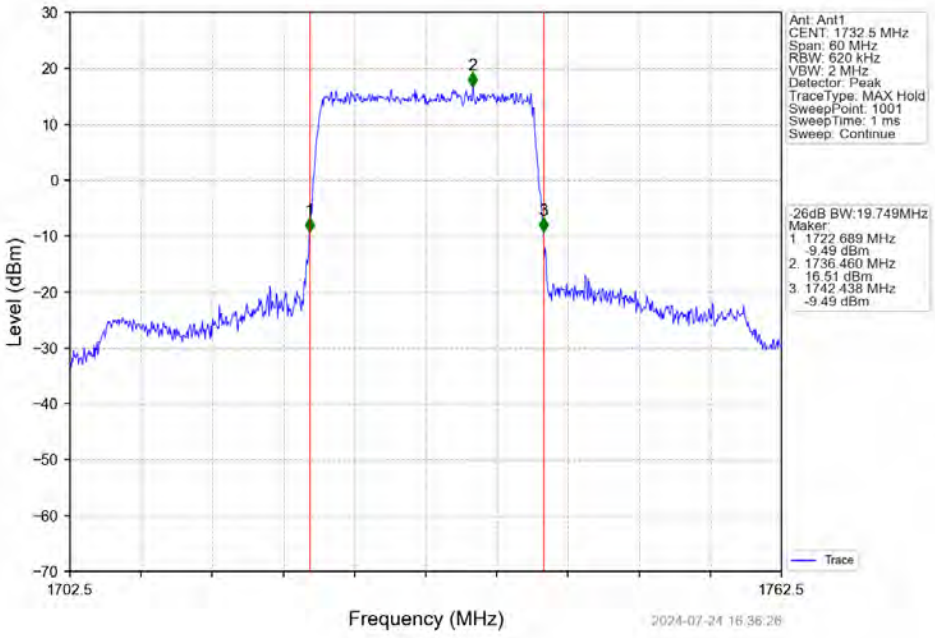
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



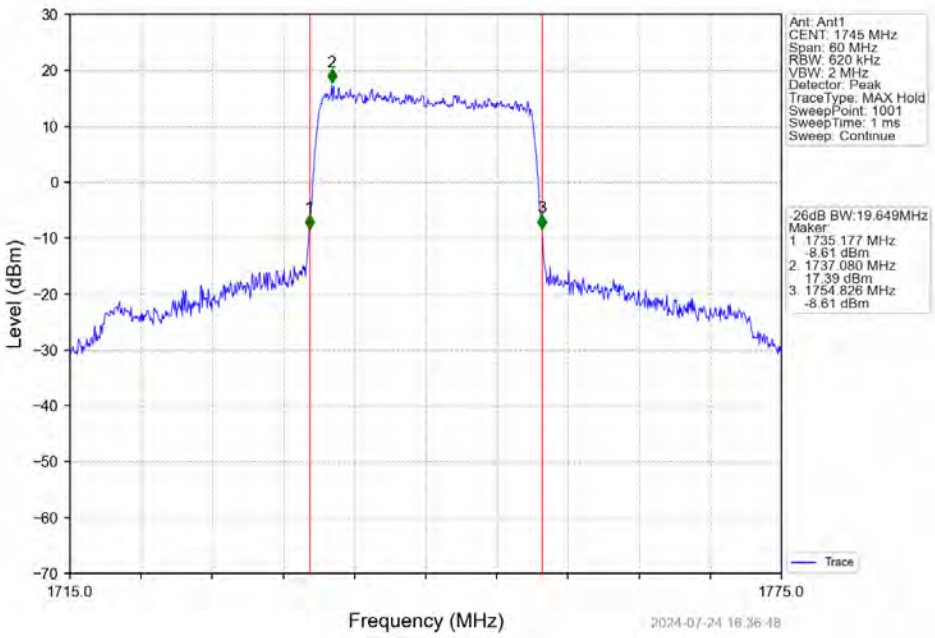
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



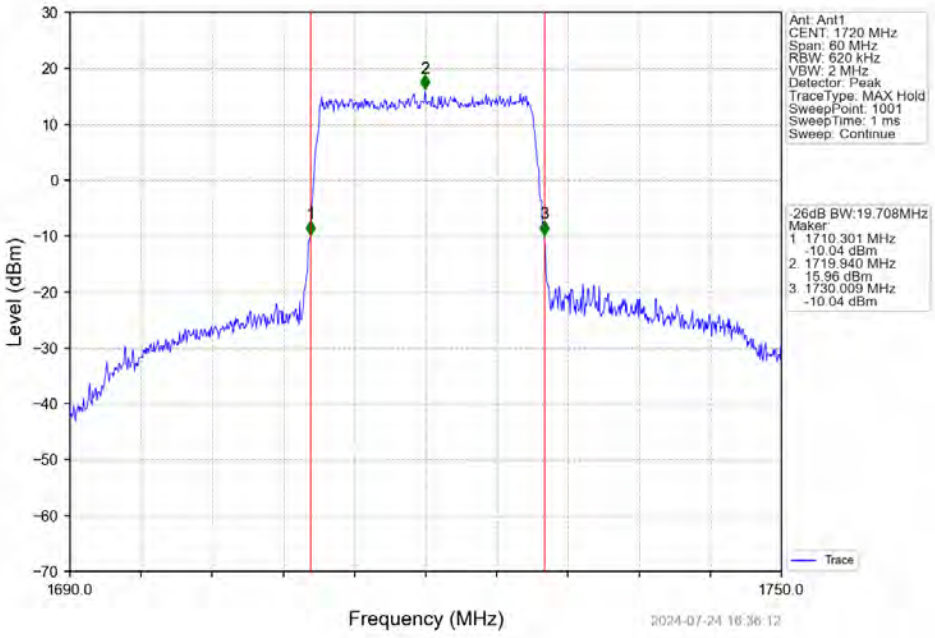
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



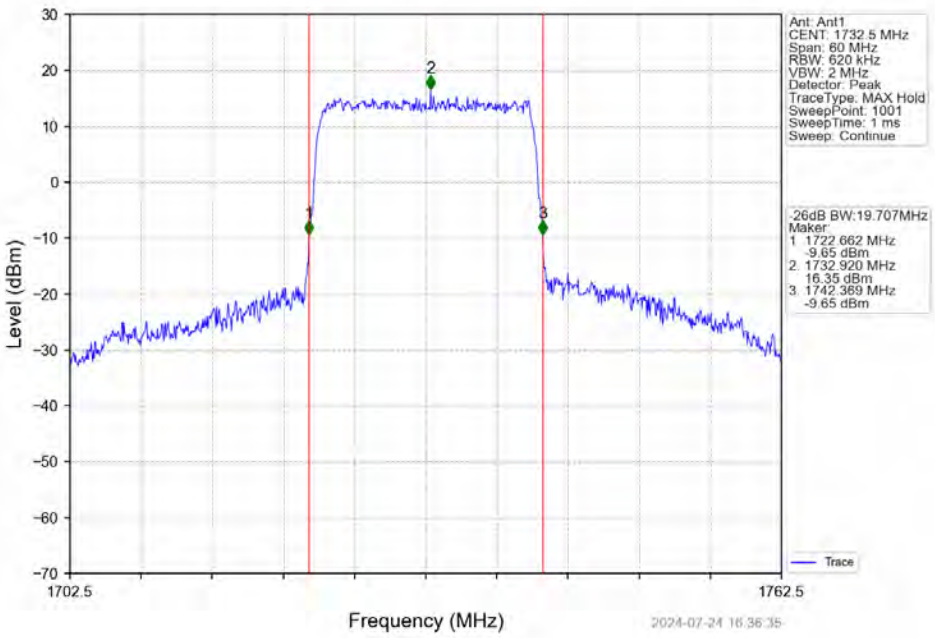
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



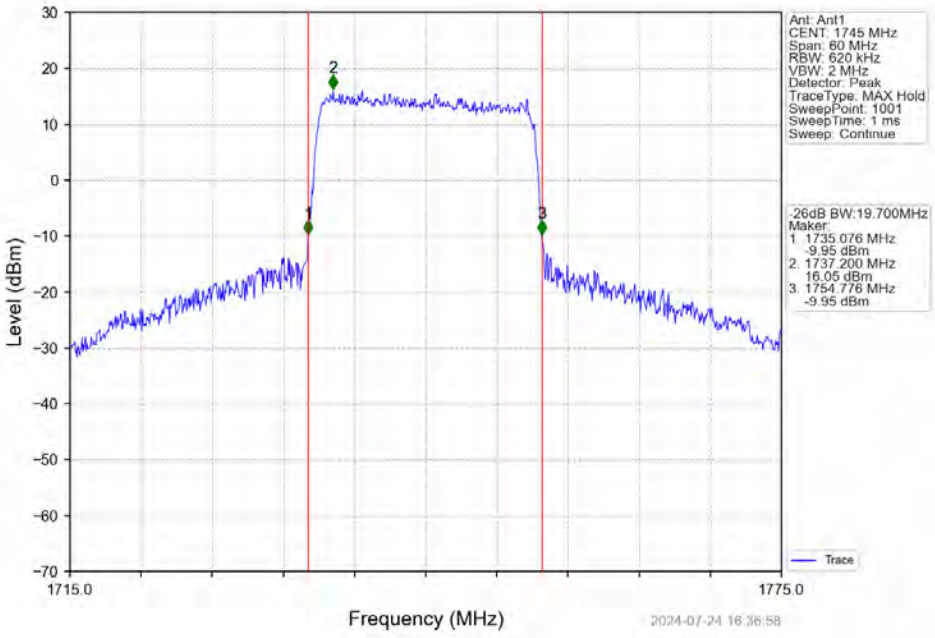
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.26	<=13	Pass
	1732.5	6	0	4.45	<=13	Pass
	1754.3	6	0	4.54	<=13	Pass
16QAM	1710.7	6	0	6.05	<=13	Pass
	1732.5	6	0	5.66	<=13	Pass
	1754.3	6	0	5.43	<=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	5.38	<=13	Pass
	1732.5	15	0	4.89	<=13	Pass
	1753.5	15	0	4.71	<=13	Pass
16QAM	1711.5	15	0	6.20	<=13	Pass
	1732.5	15	0	5.79	<=13	Pass
	1753.5	15	0	5.57	<=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	5.55	<=13	Pass
	1732.5	25	0	5.18	<=13	Pass
	1752.5	25	0	4.99	<=13	Pass
16QAM	1712.5	25	0	6.28	<=13	Pass
	1732.5	25	0	5.95	<=13	Pass
	1752.5	25	0	5.74	<=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	5.55	<=13	Pass
	1732.5	50	0	5.19	<=13	Pass
	1750	50	0	4.94	<=13	Pass
16QAM	1715	50	0	6.33	<=13	Pass
	1732.5	50	0	6.00	<=13	Pass

	1750	50	0	5.71	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.78	<=13	Pass
	1732.5	75	0	5.21	<=13	Pass
	1747.5	75	0	4.78	<=13	Pass
16QAM	1717.5	75	0	6.34	<=13	Pass
	1732.5	75	0	5.93	<=13	Pass
	1747.5	75	0	5.58	<=13	Pass

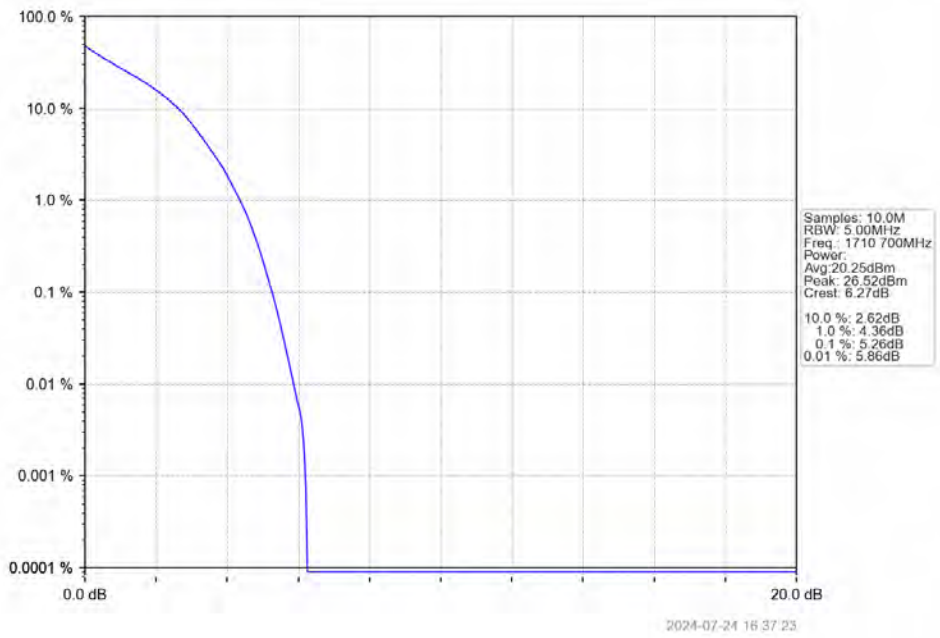
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.59	<=13	Pass
	1732.5	100	0	5.22	<=13	Pass
	1745	100	0	4.93	<=13	Pass
16QAM	1720	100	0	6.30	<=13	Pass
	1732.5	100	0	6.01	<=13	Pass
	1745	100	0	5.73	<=13	Pass

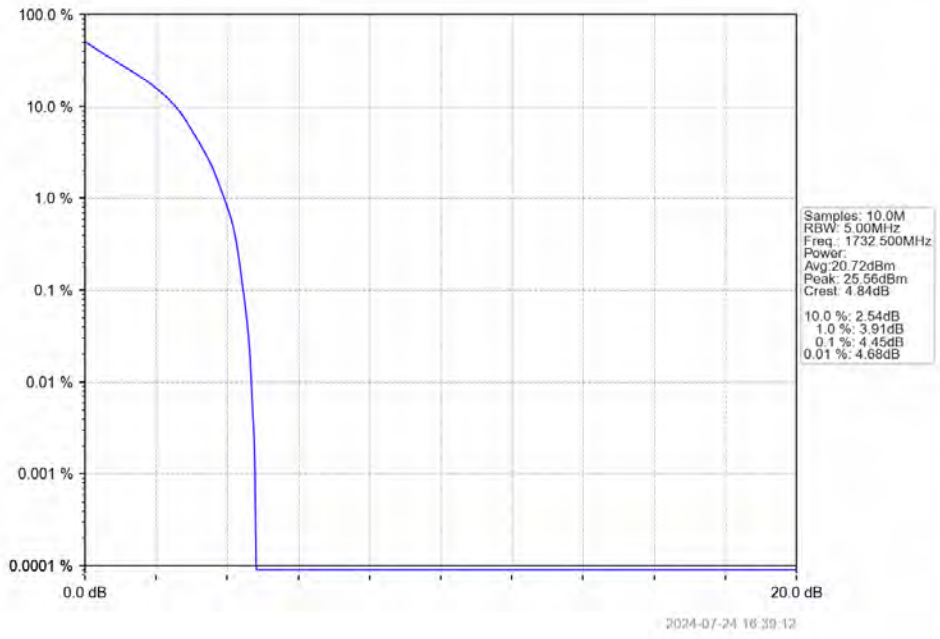
5.2 Test Graph

5.2.1 B4_1.4MHz

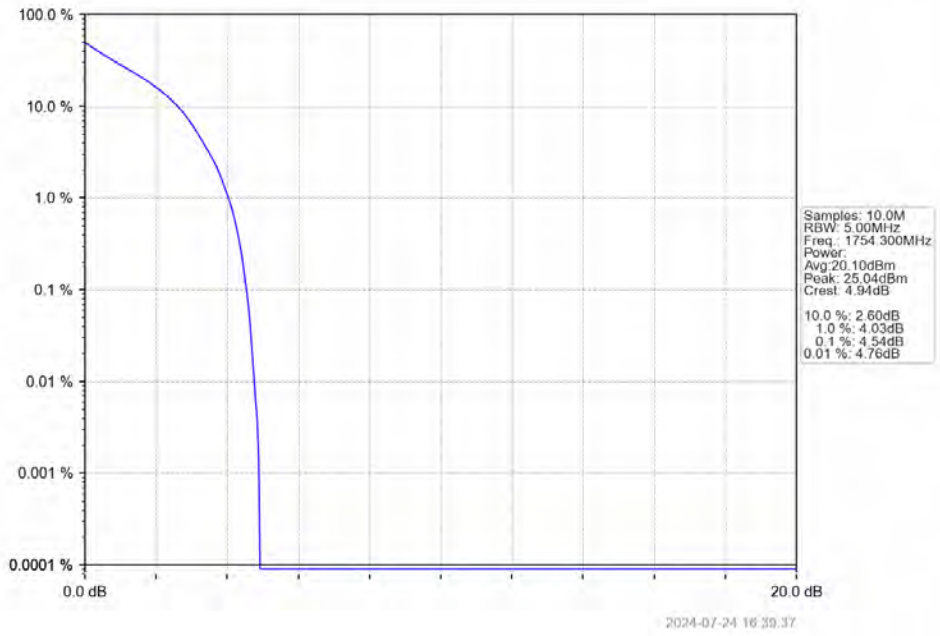
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



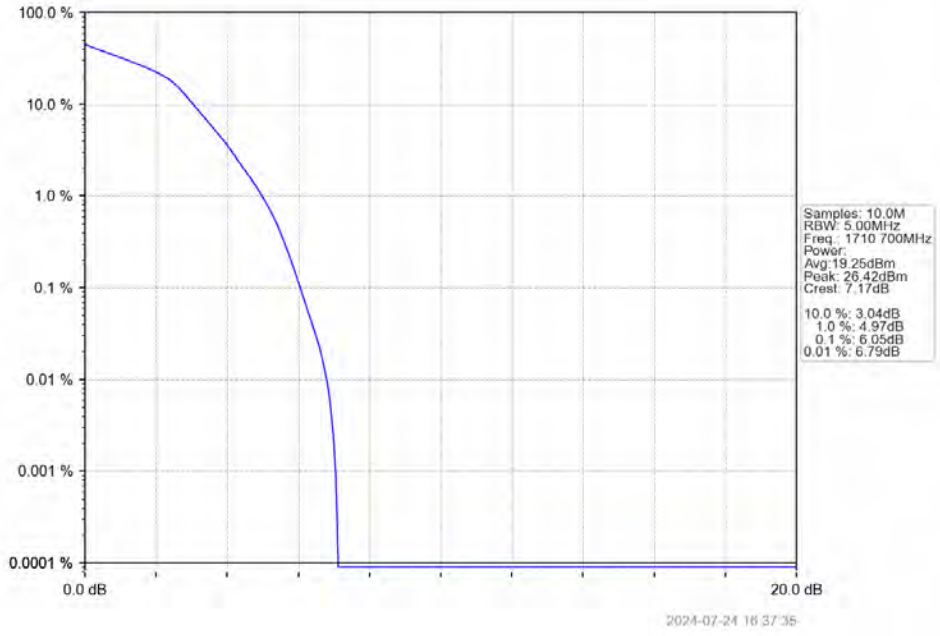
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



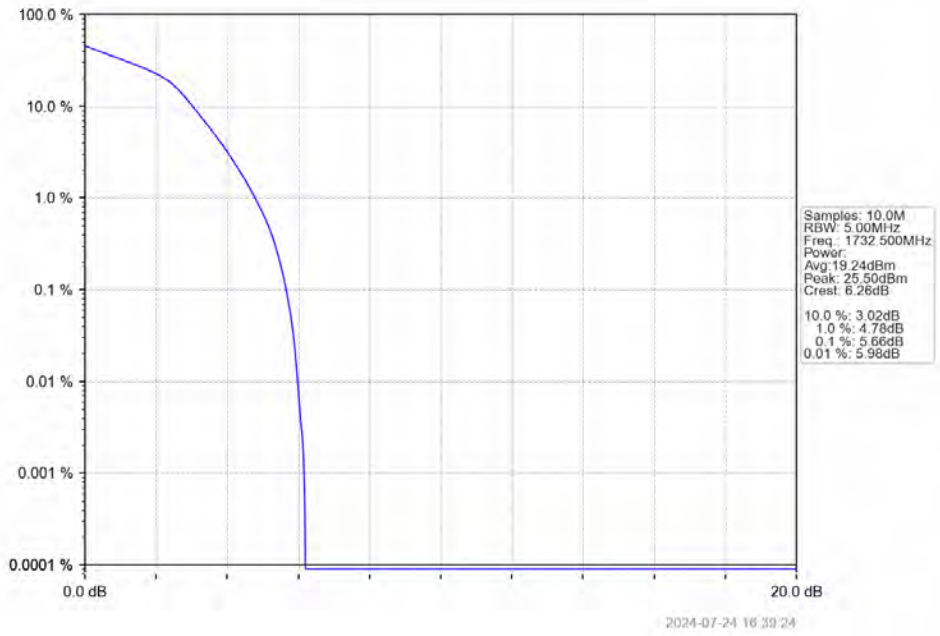
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



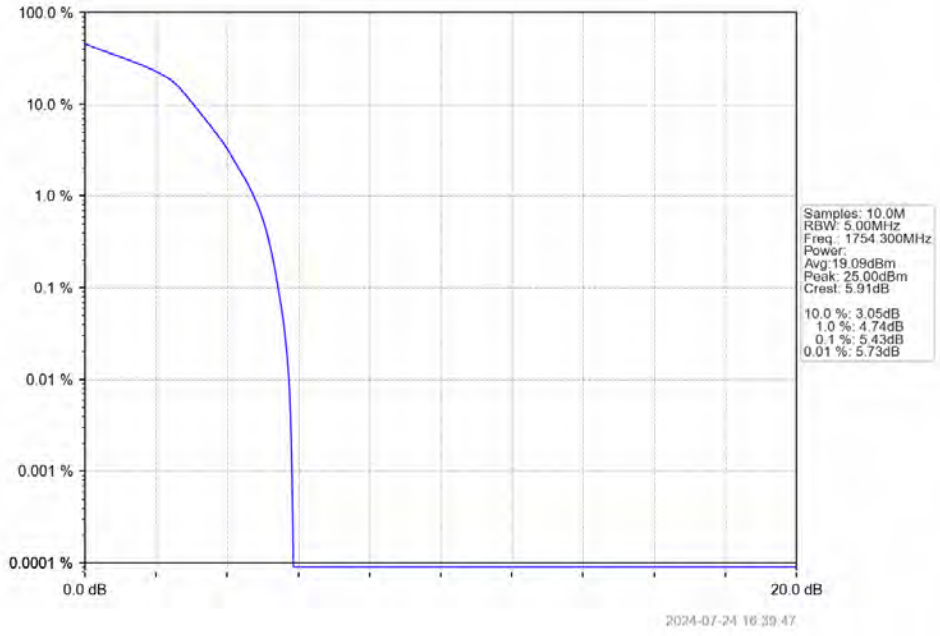
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



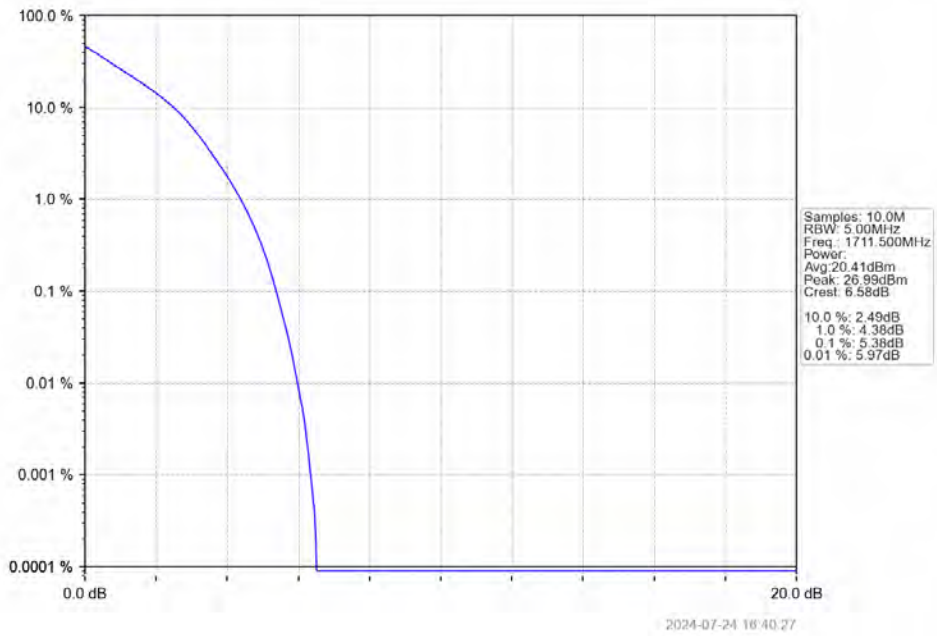
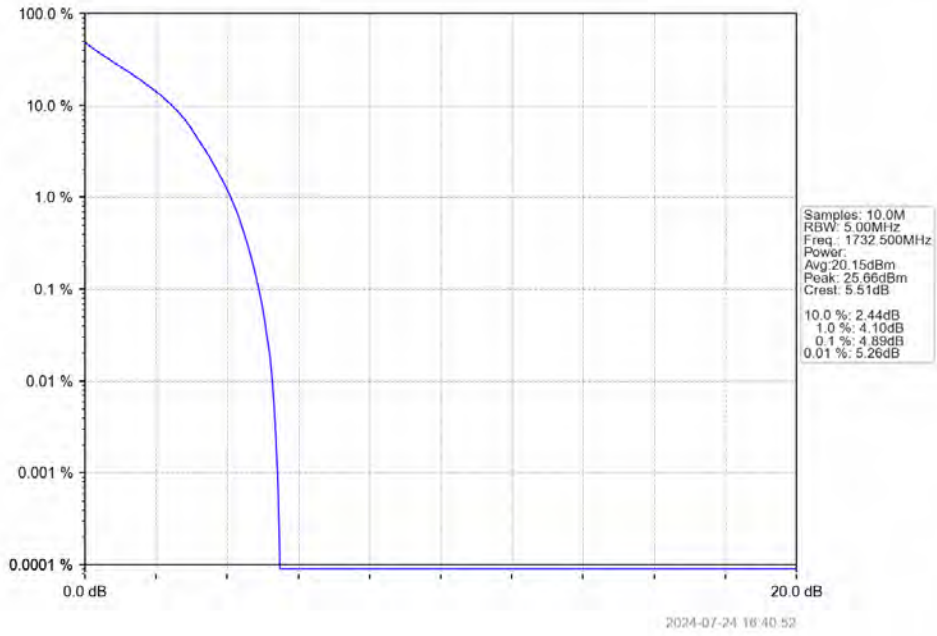
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



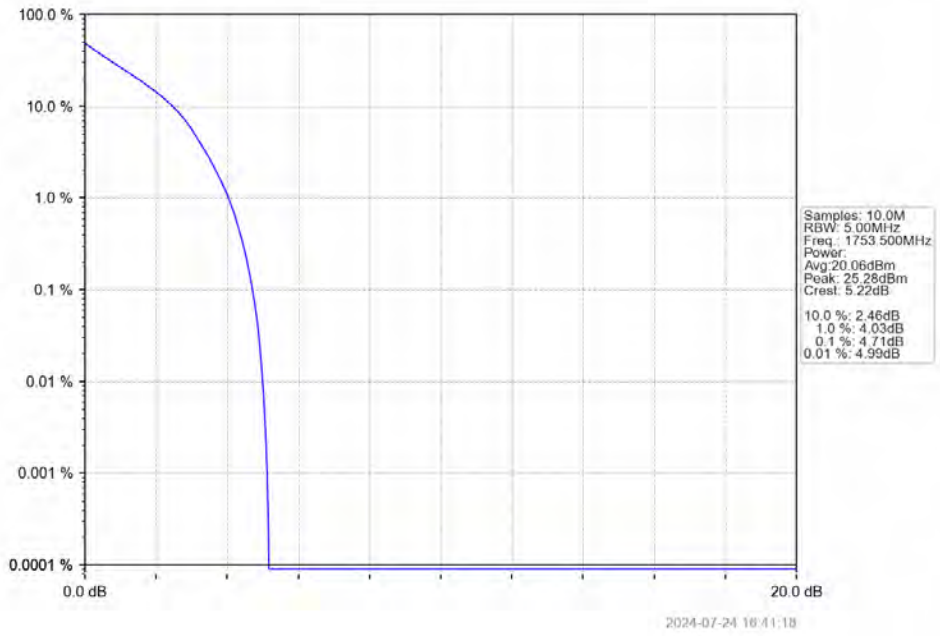
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



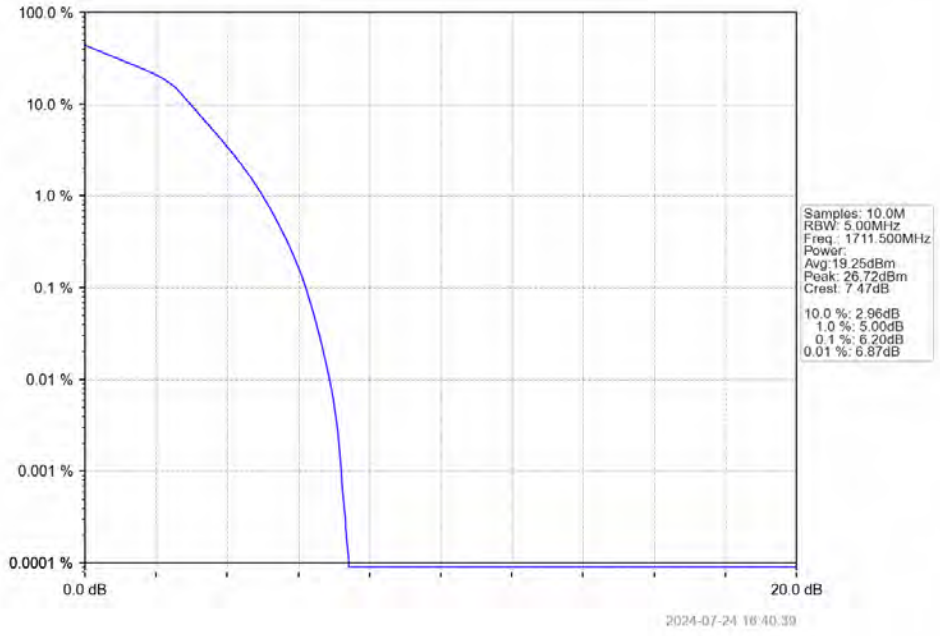
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


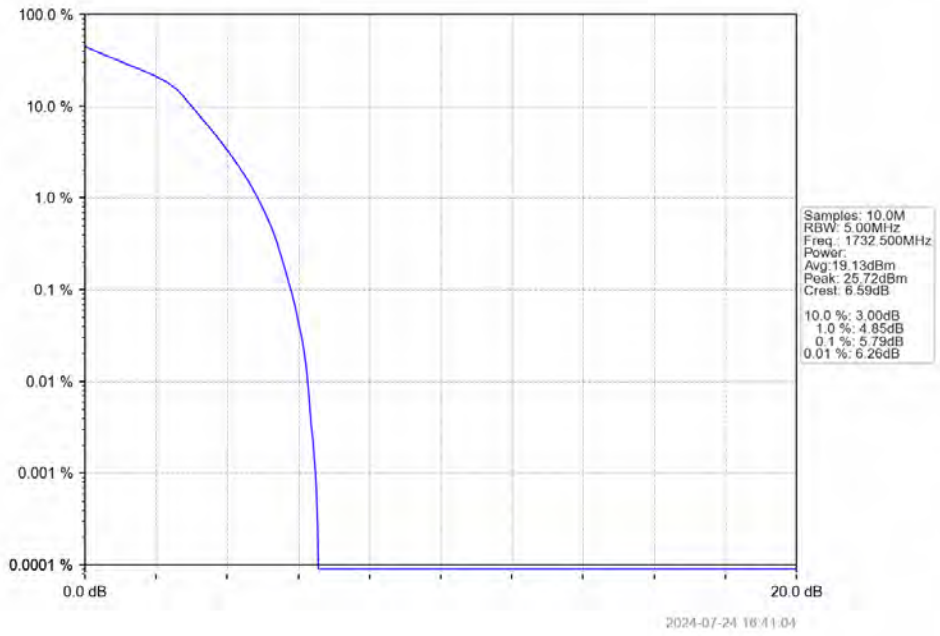
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



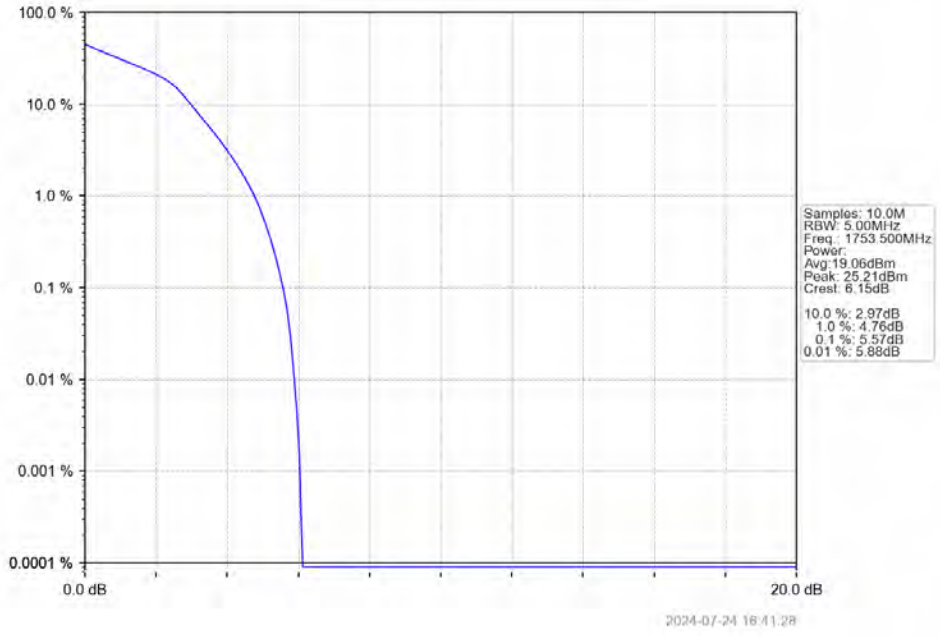
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



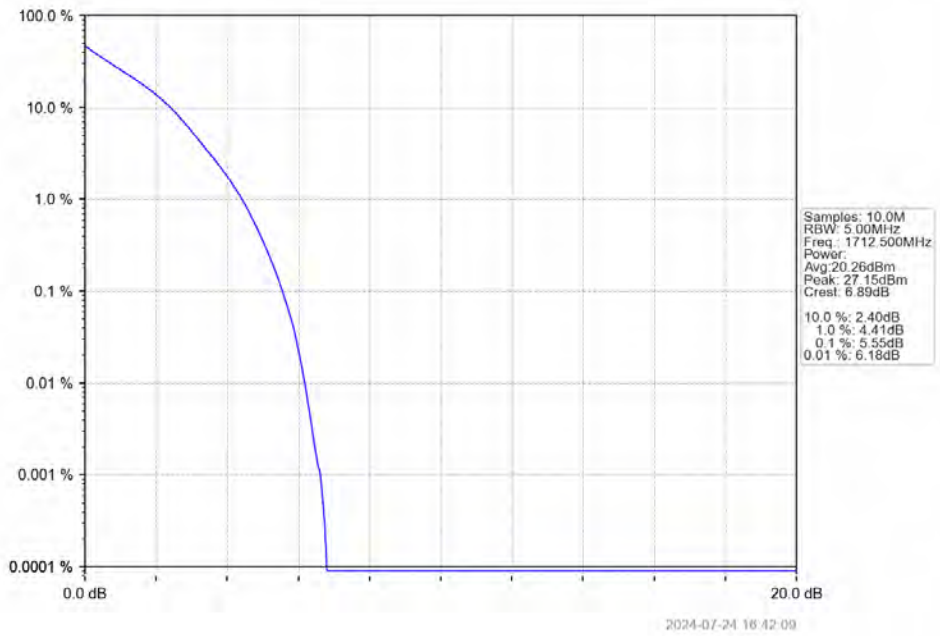
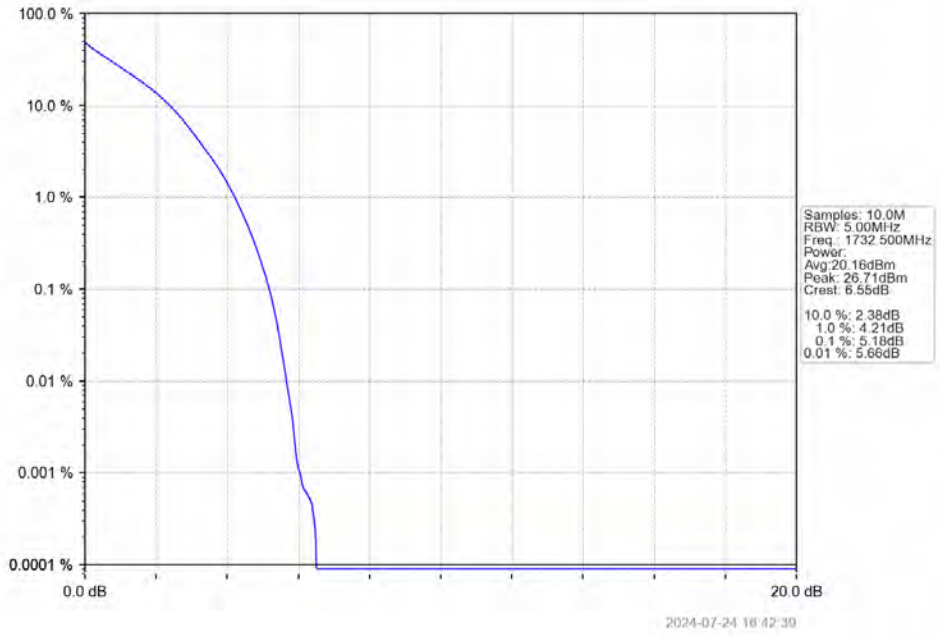
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



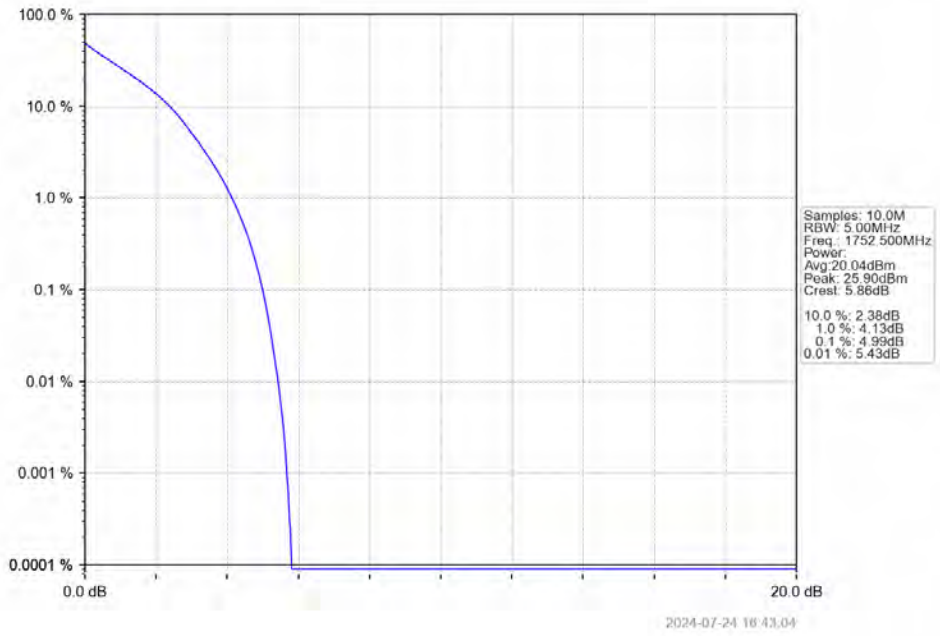
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



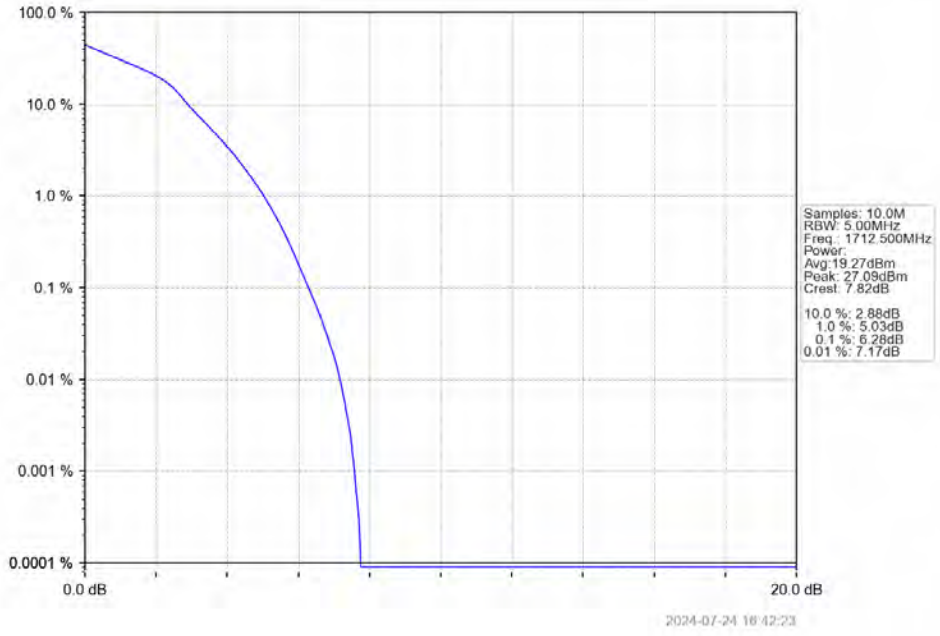
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV


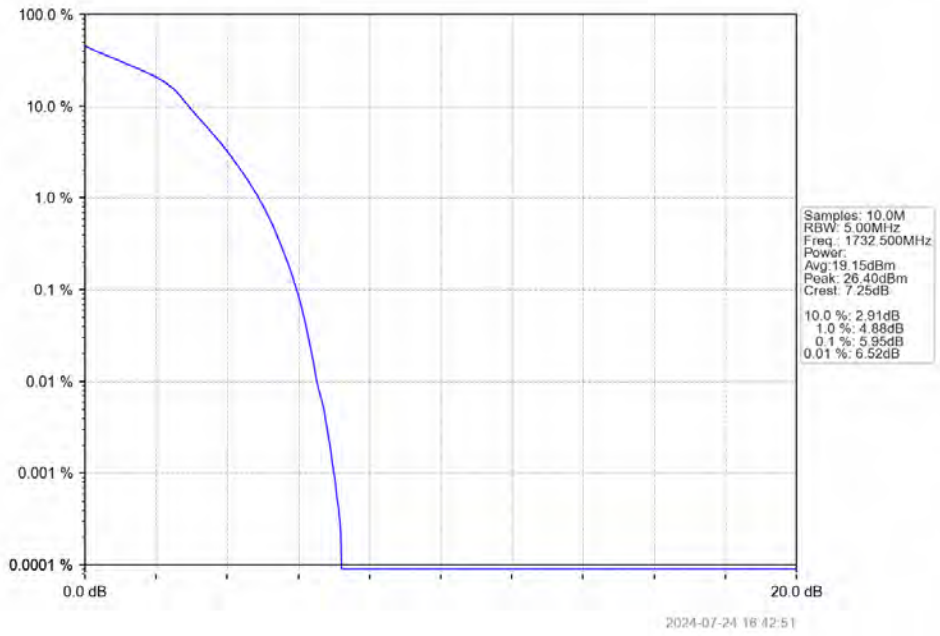
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



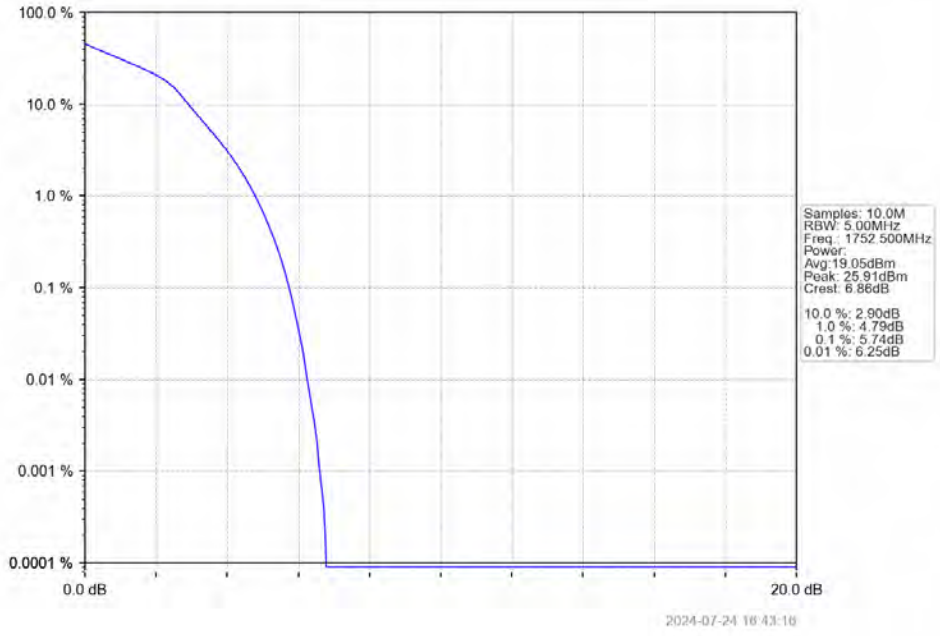
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



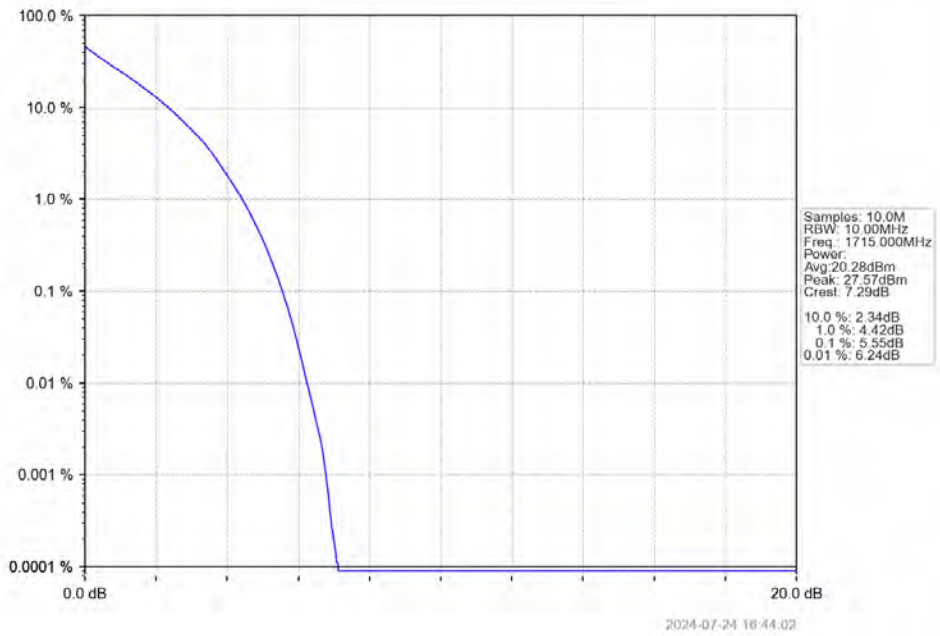
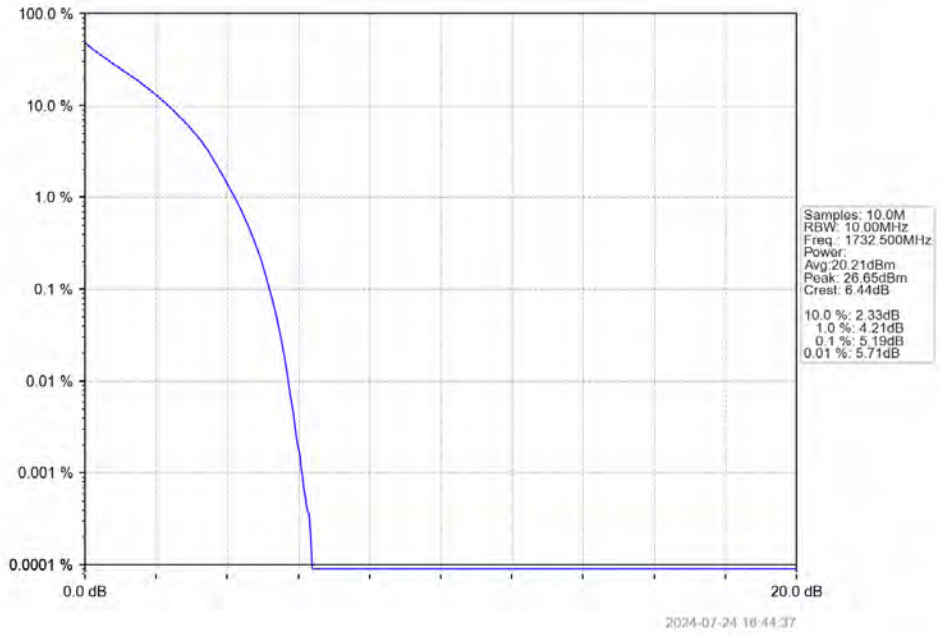
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



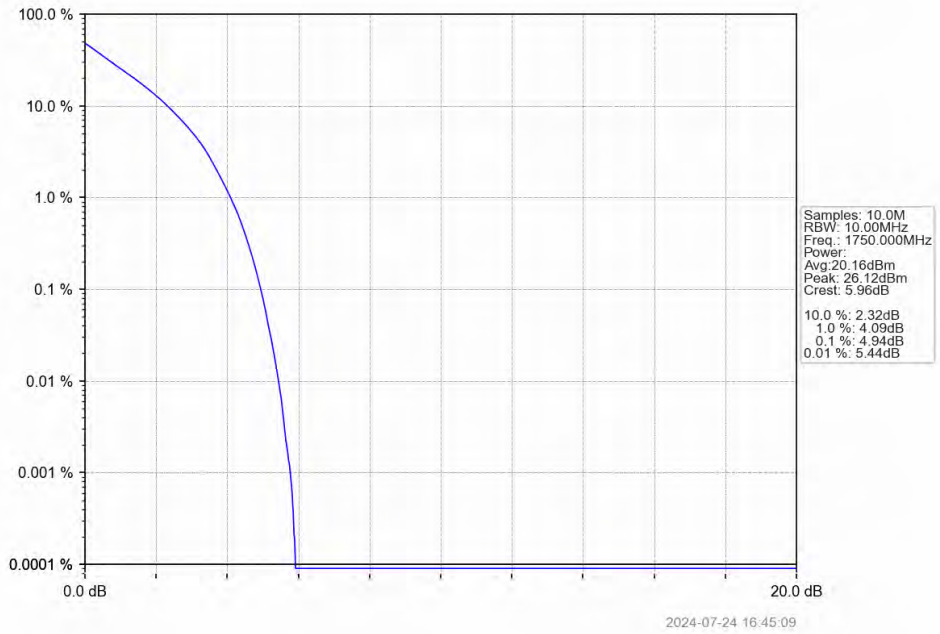
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



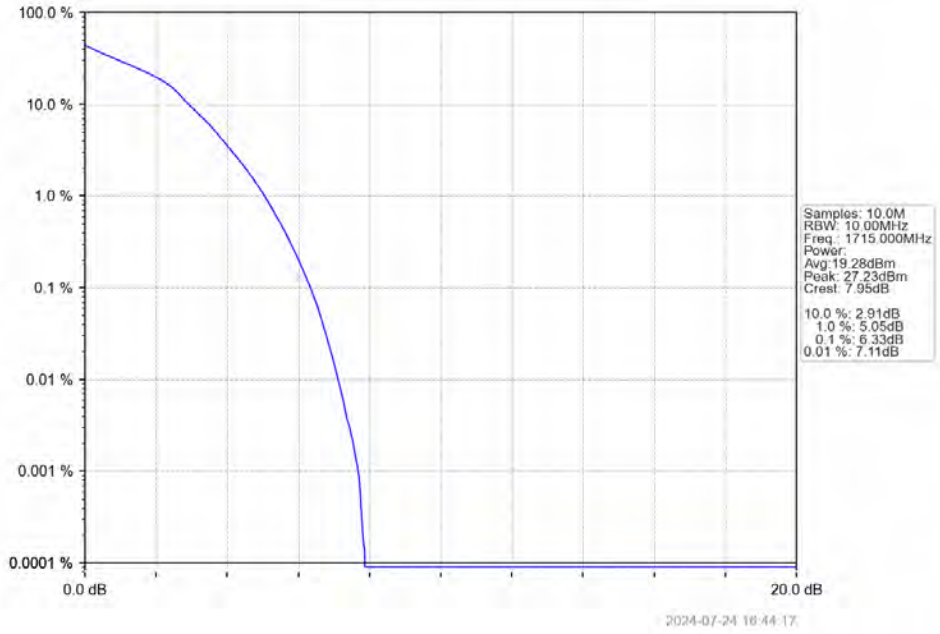
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV


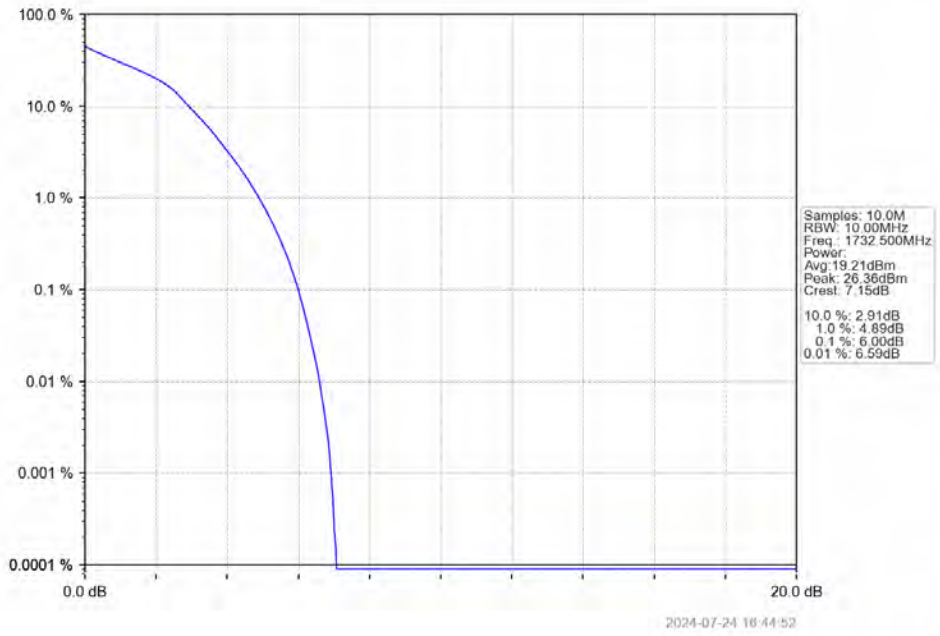
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



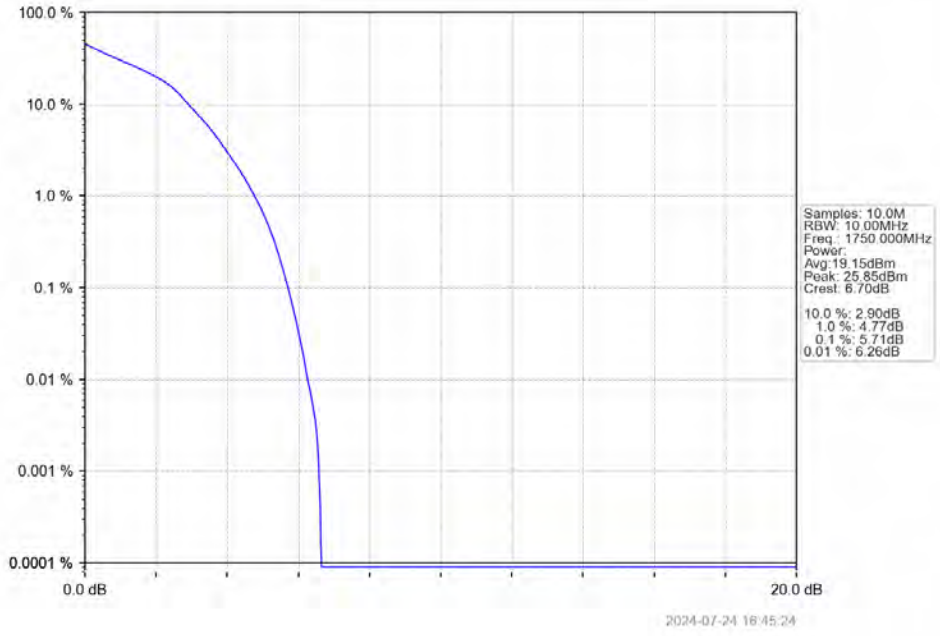
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



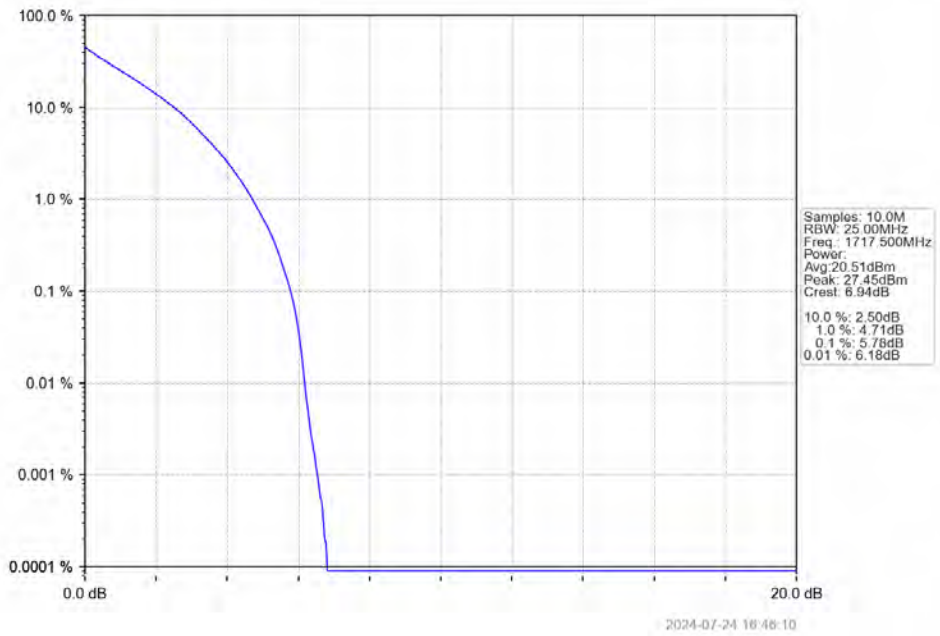
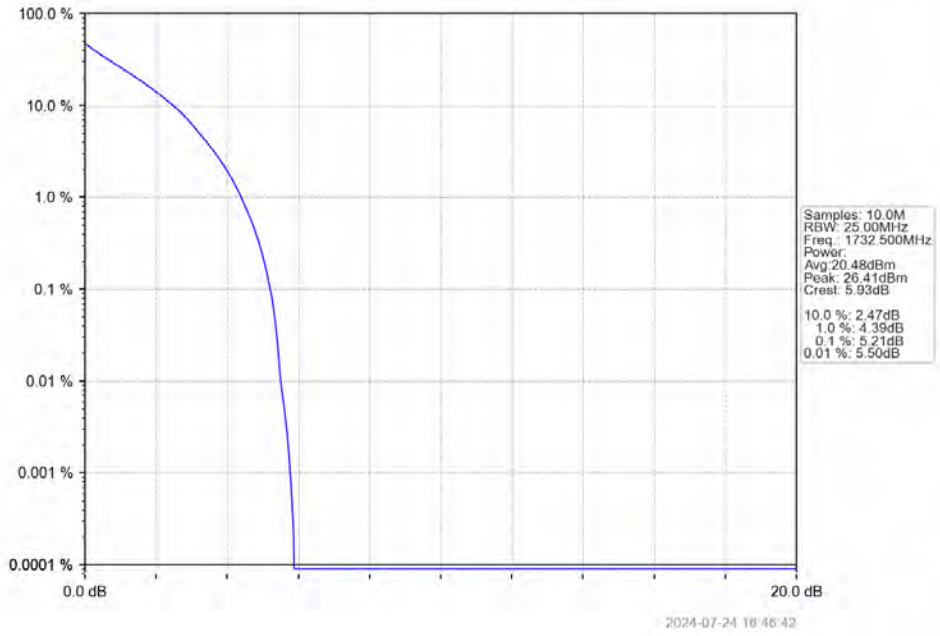
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



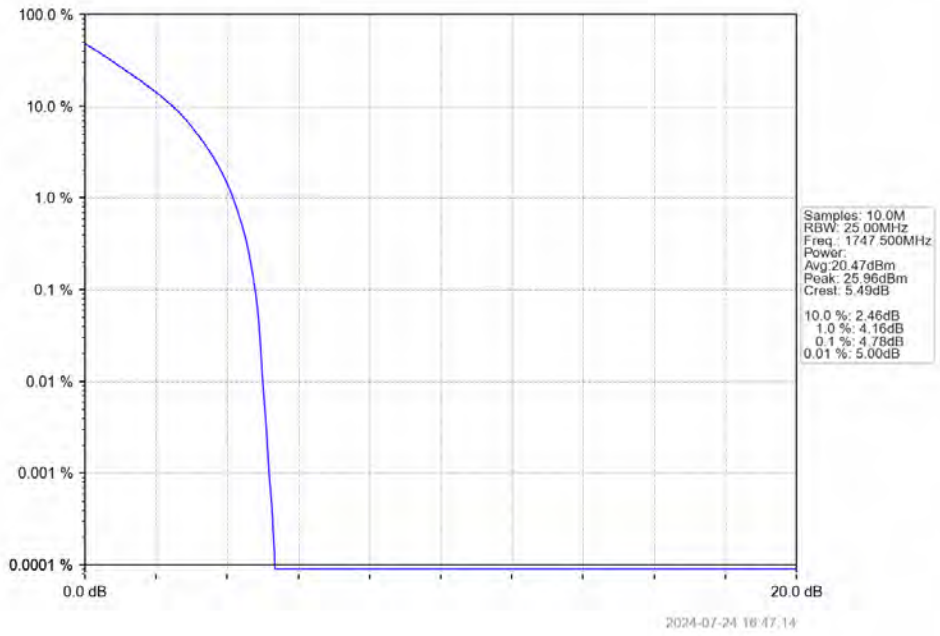
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



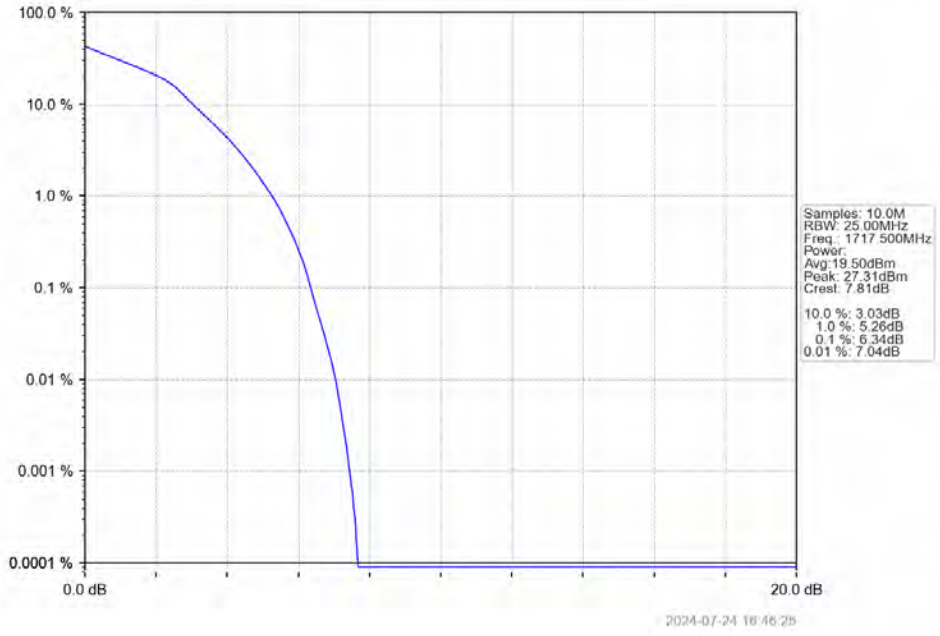
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV


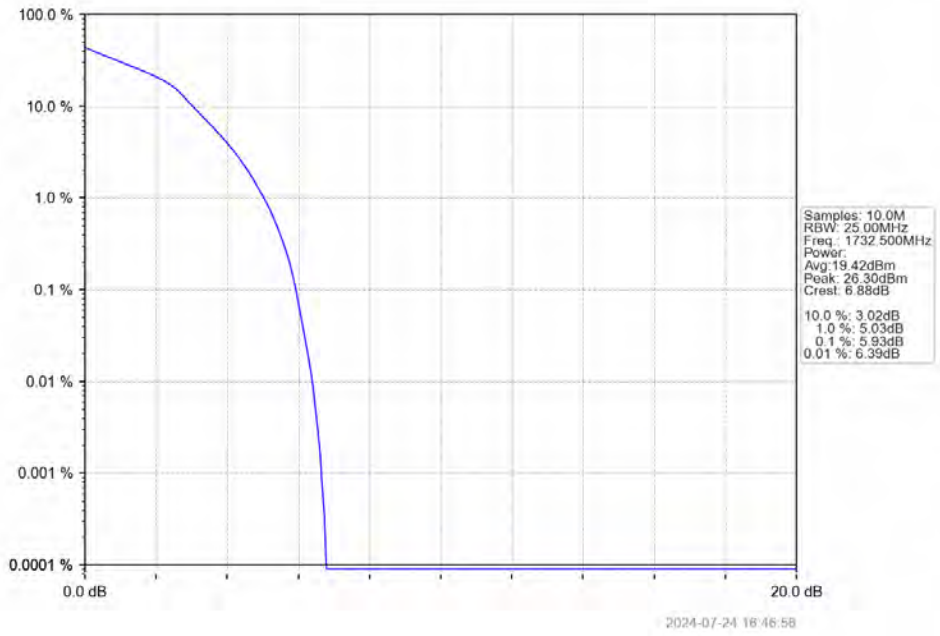
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



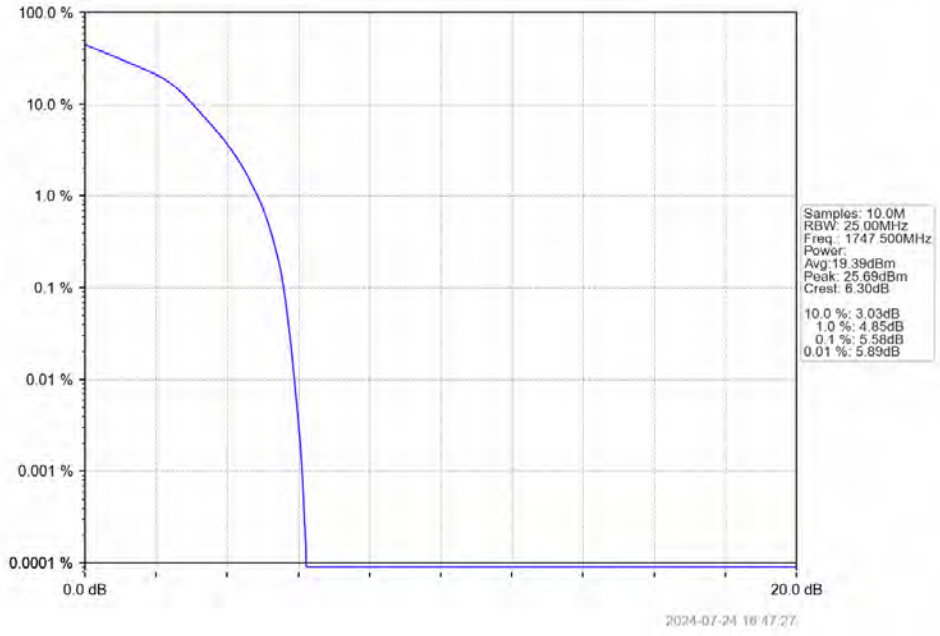
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



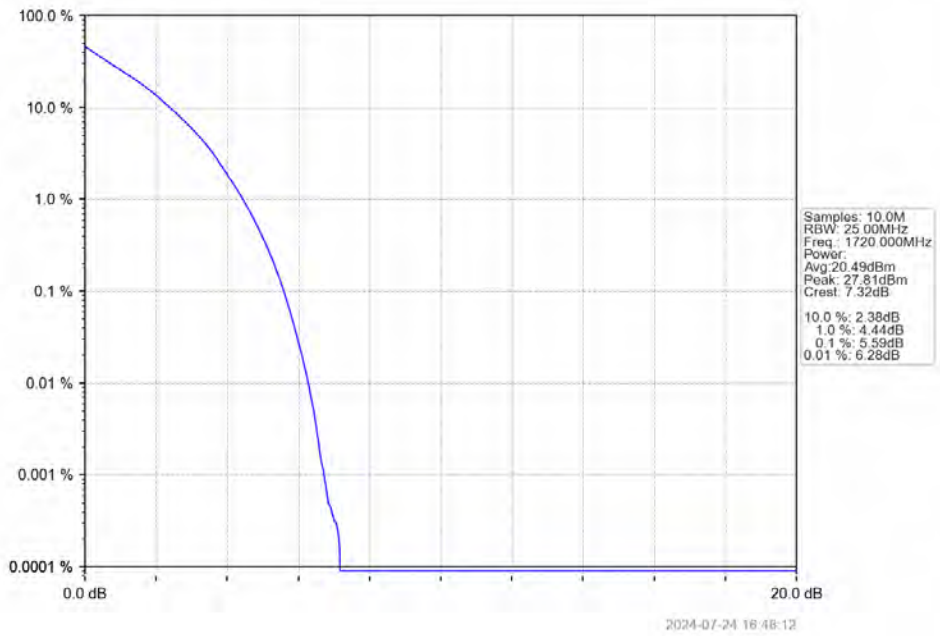
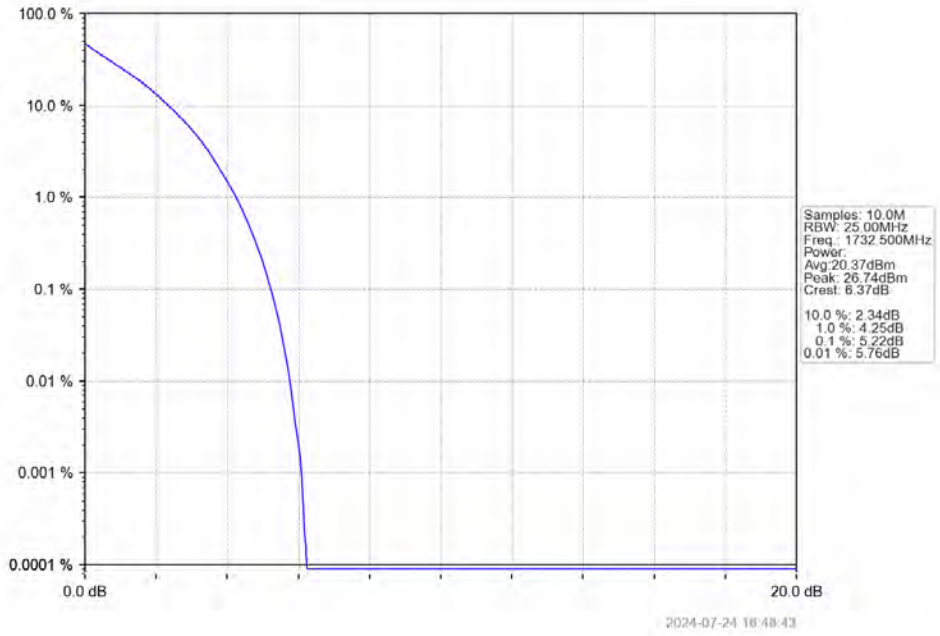
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



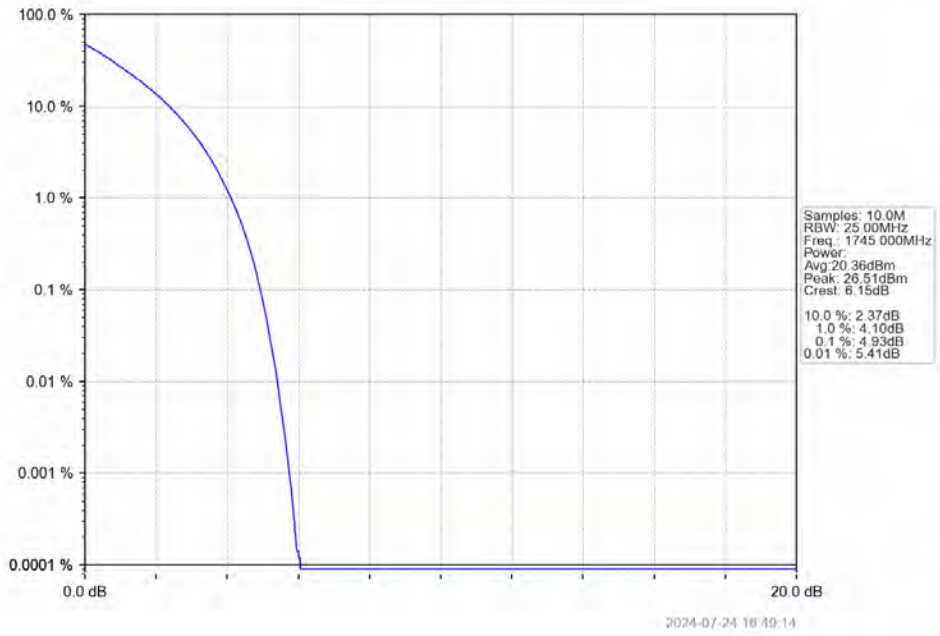
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



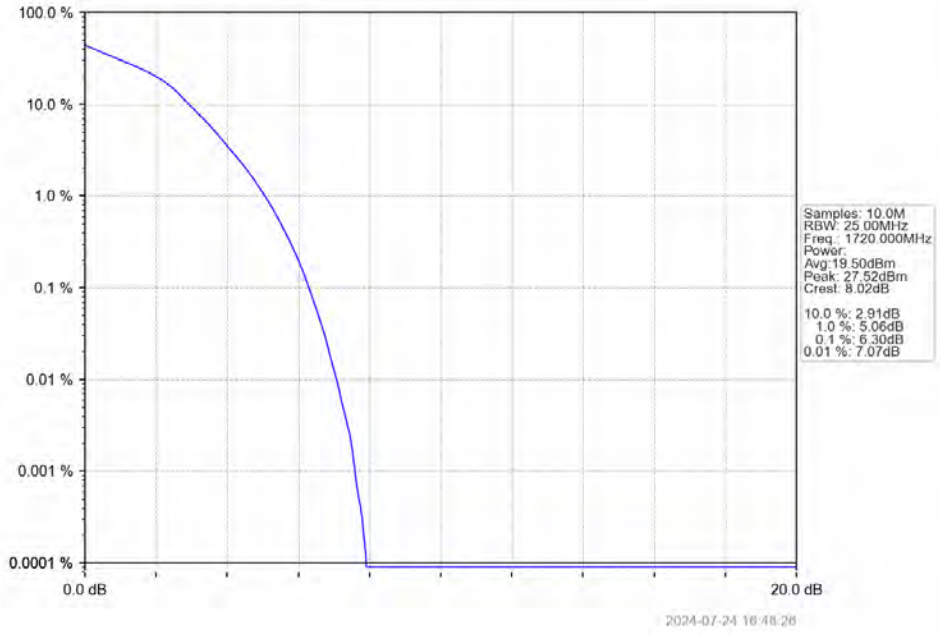
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV


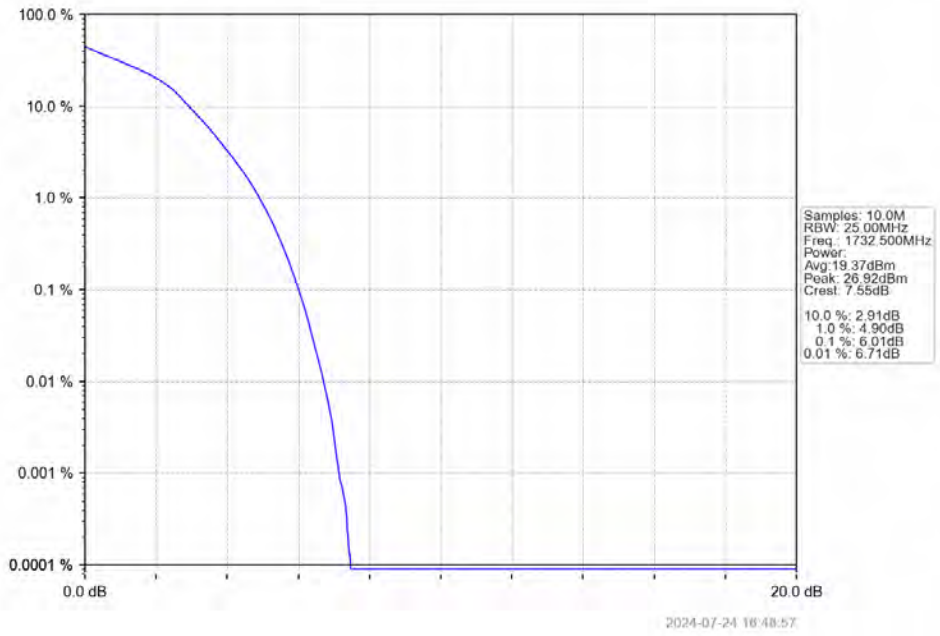
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



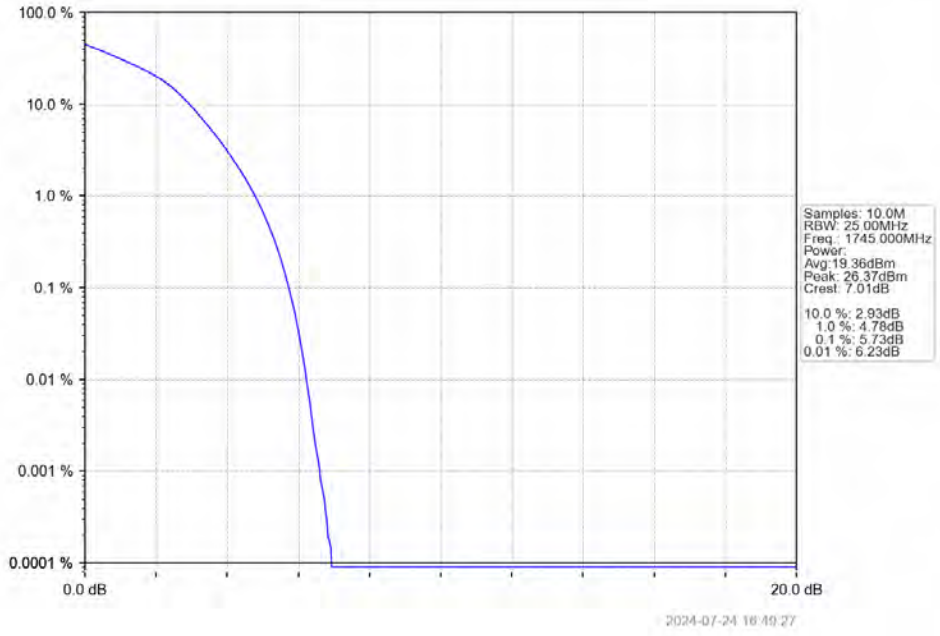
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

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

6.1.4 B4_10MHz

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

6.1.5 B4_15MHz

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

6.1.6 B4_20MHz

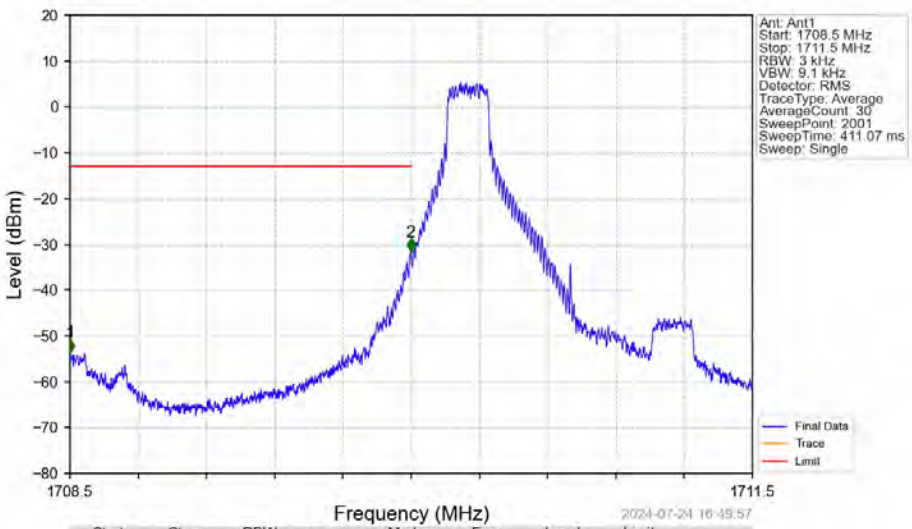
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

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

6.2 Test Graph

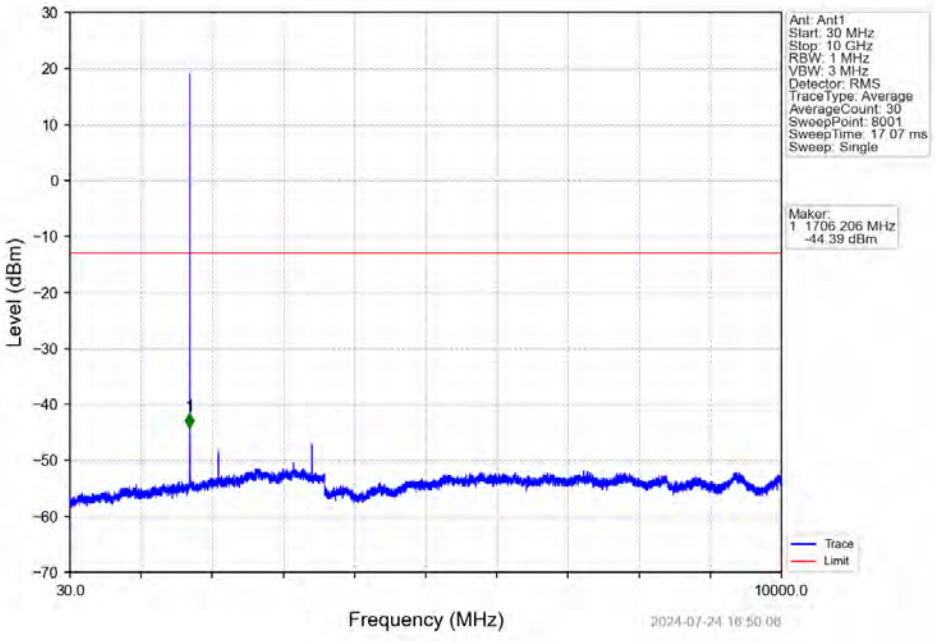
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

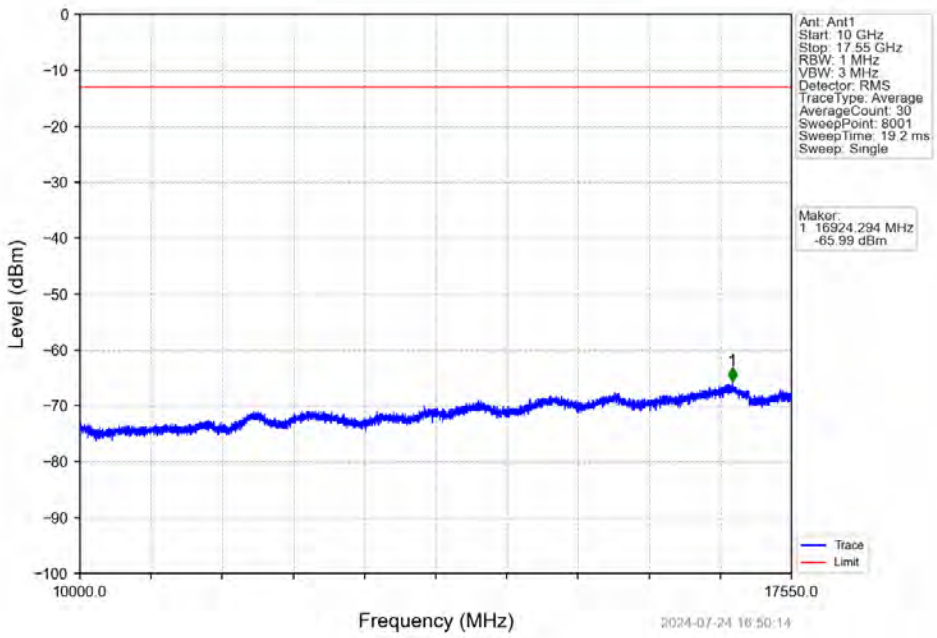


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.502	-53.65	-13	Pass
1709	1710	0.003	/	2	1709.998	-31.64	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

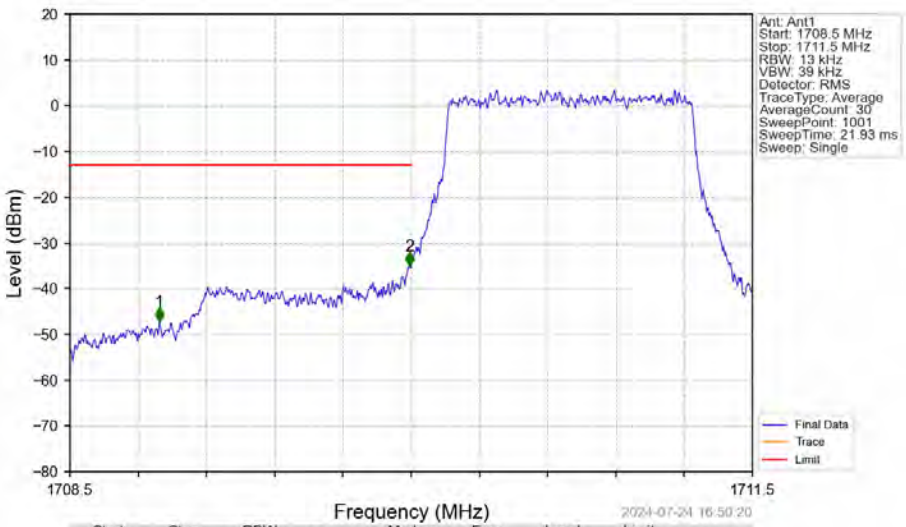
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

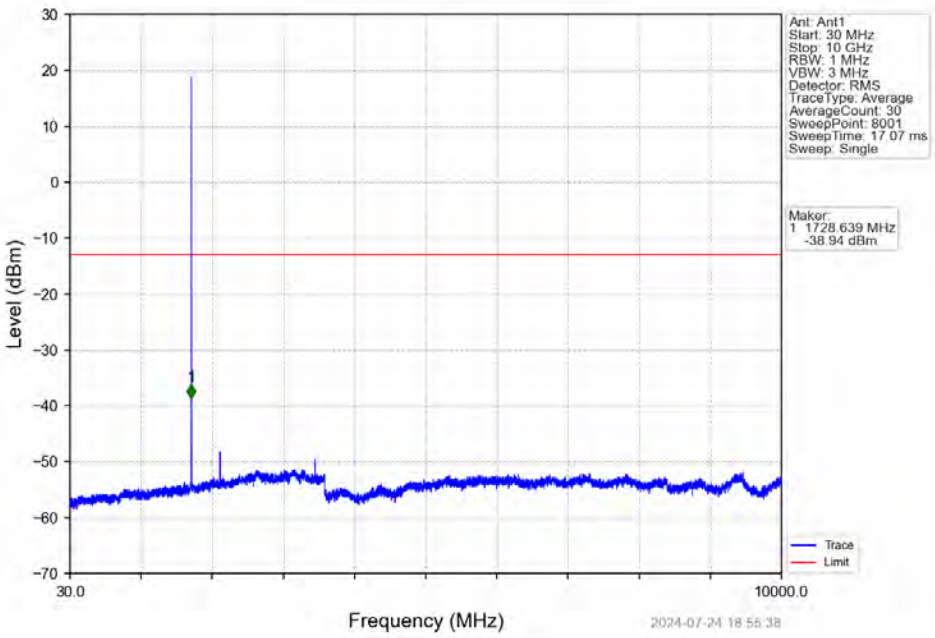


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

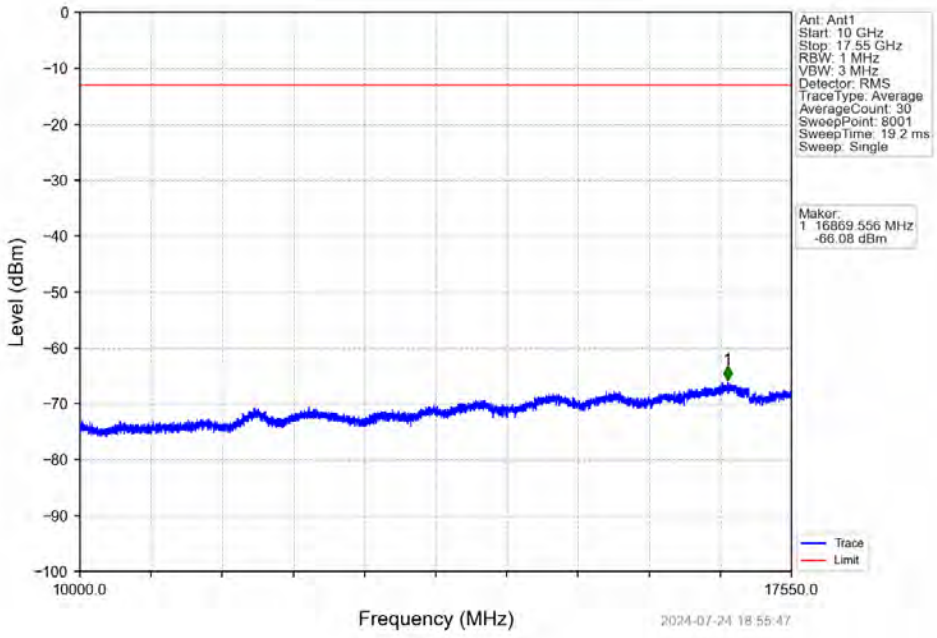


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.893	-47.27	-13	Pass
1709	1710	0.013	/	2	1709.994	-35.08	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

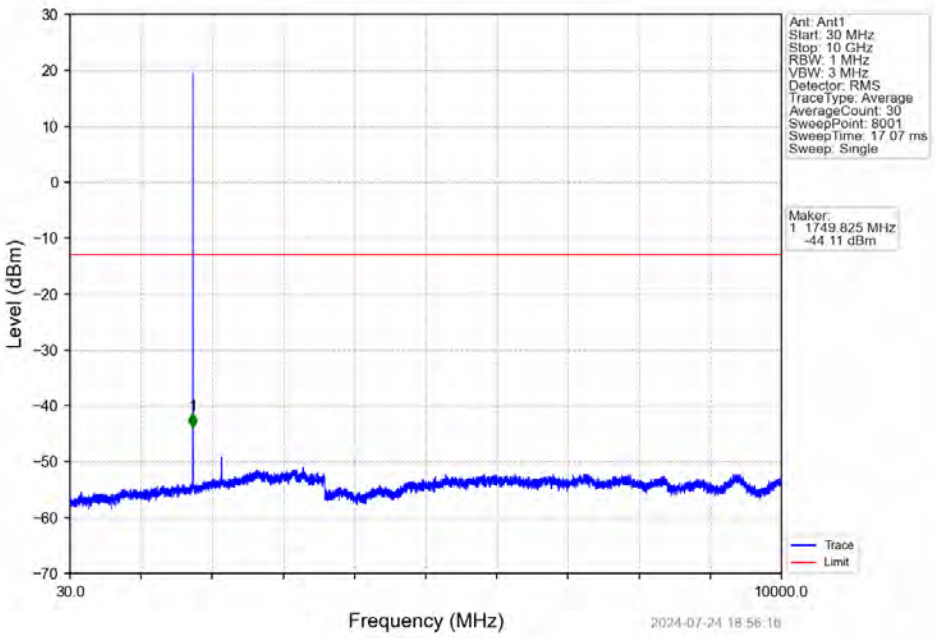
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



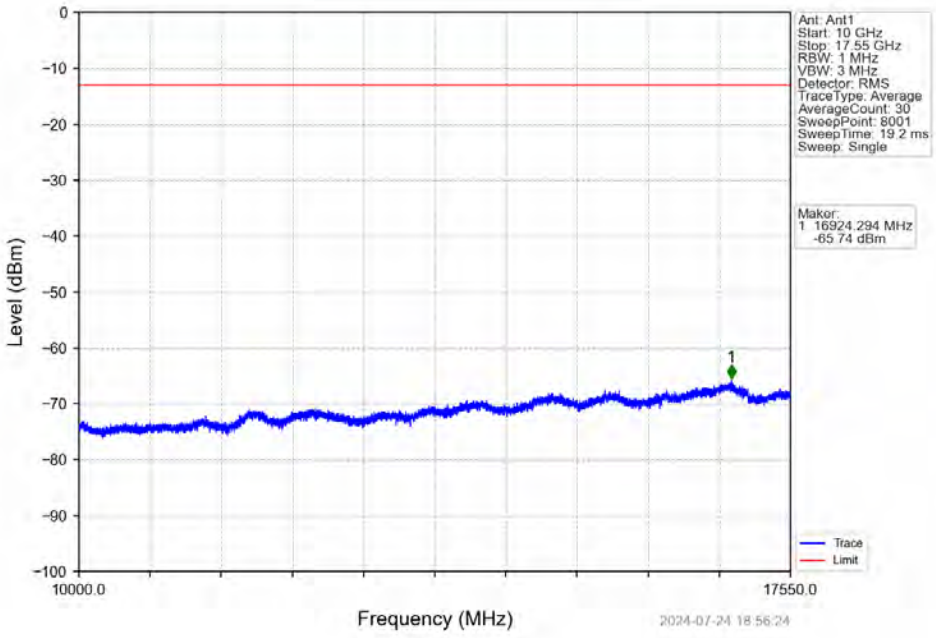
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



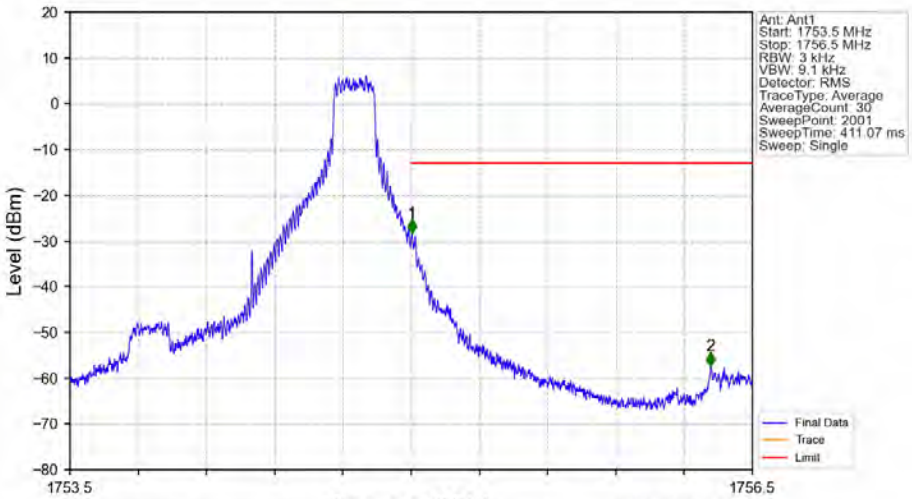
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

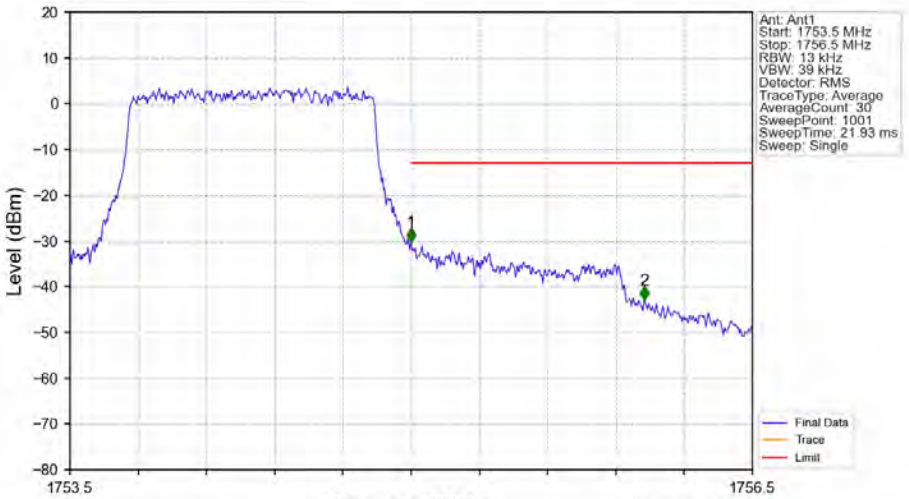


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



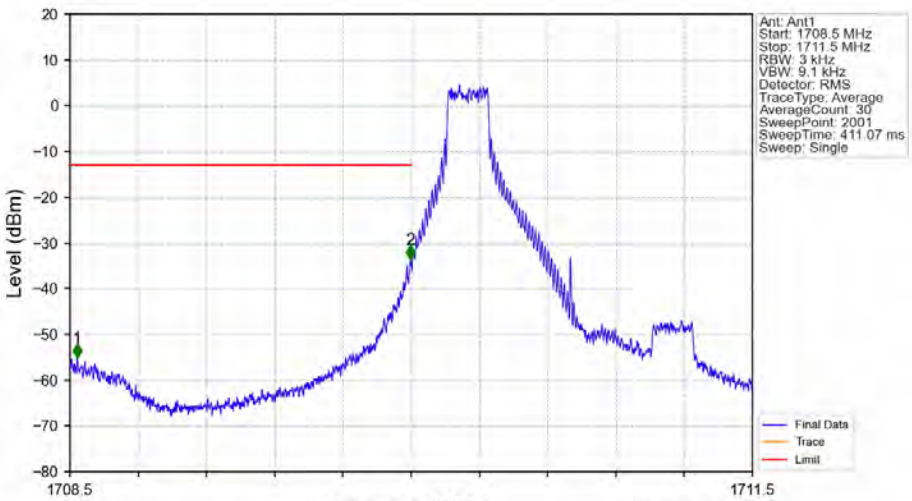
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-28.34	-13	Pass
1756	1756.5	1	/	2	1756.317	-57.36	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



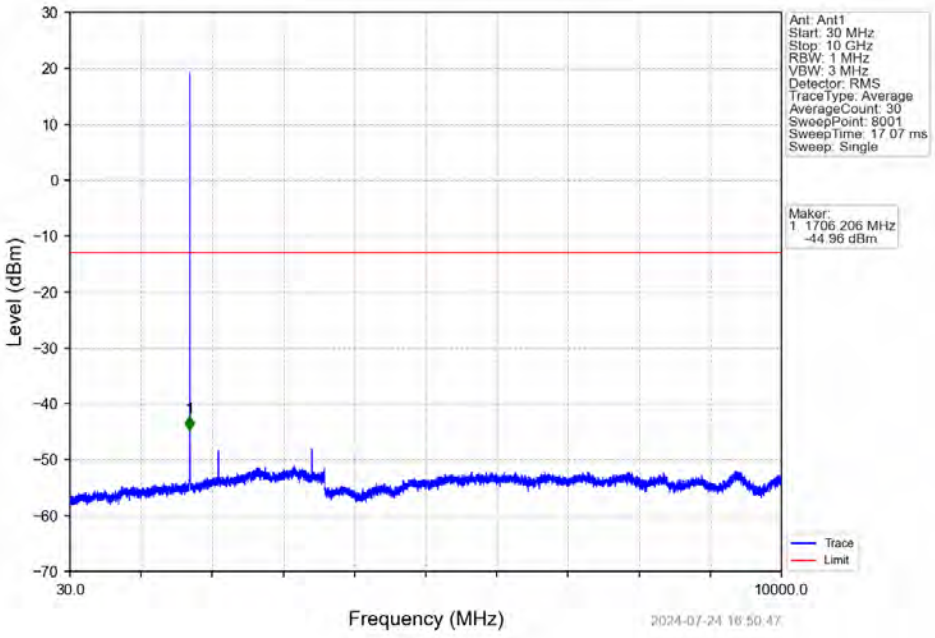
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.000	-30.25	-13	Pass
1756	1756.5	1	/	2	1756.026	-42.94	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

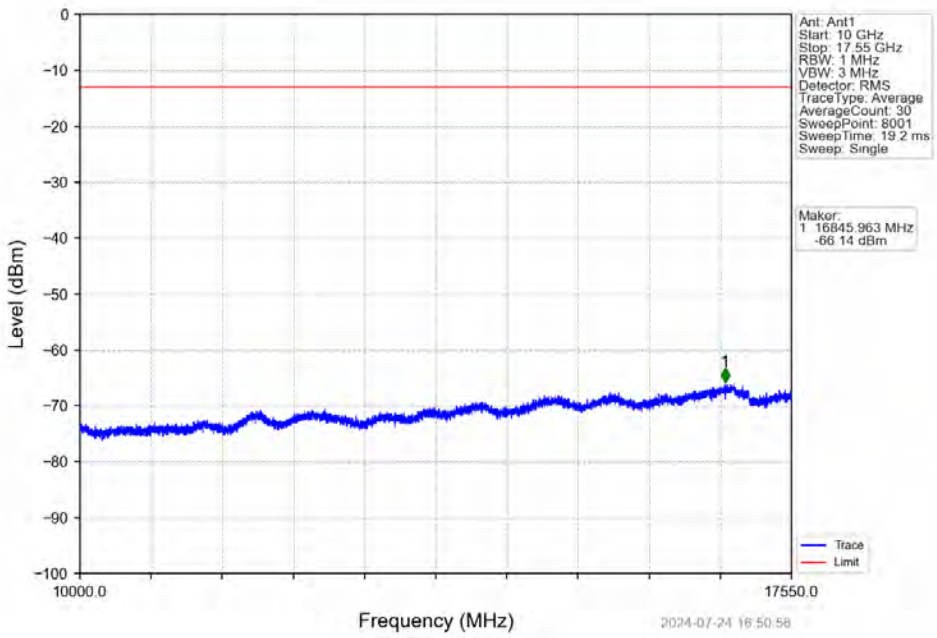


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.532	-55.18	-13	Pass
1709	1710	0.003	/	2	1709.997	-33.65	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

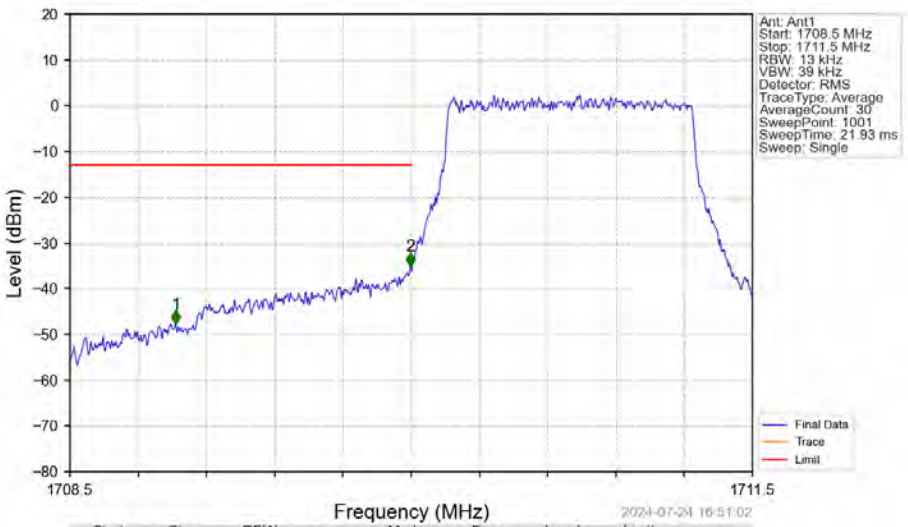
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

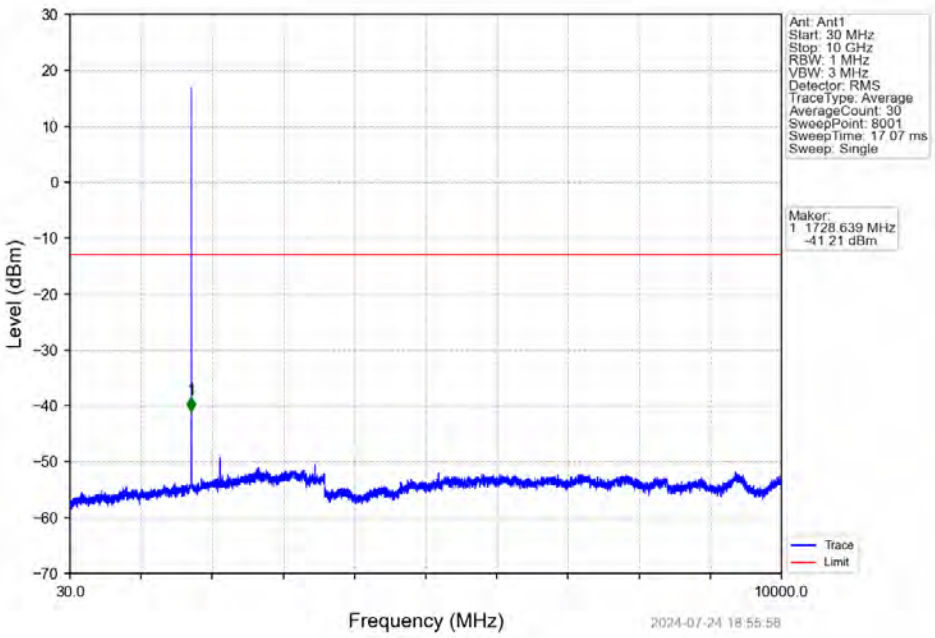


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

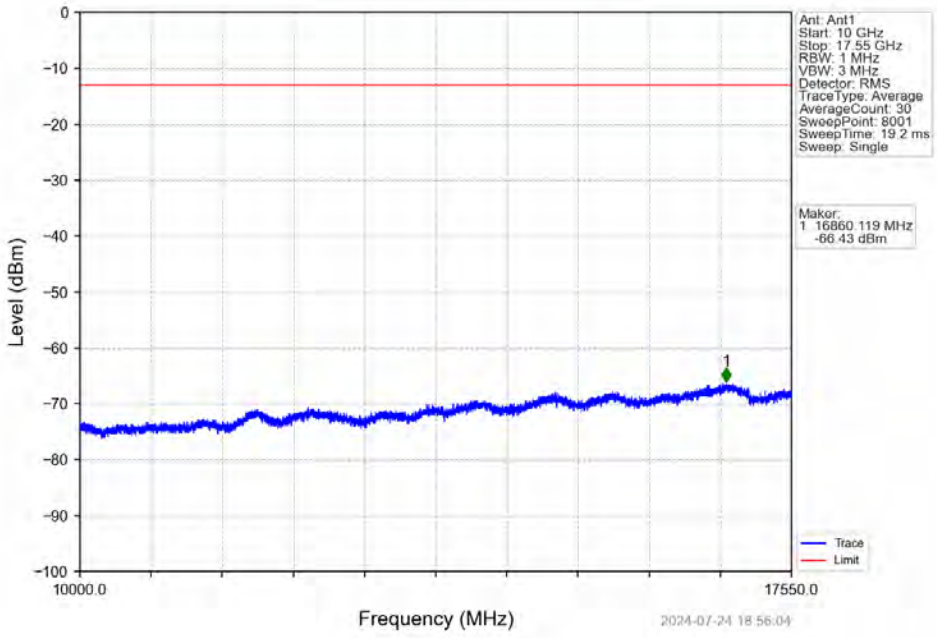


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.965	-47.74	-13	Pass
1709	1710	0.013	/	2	1709.997	-35.11	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

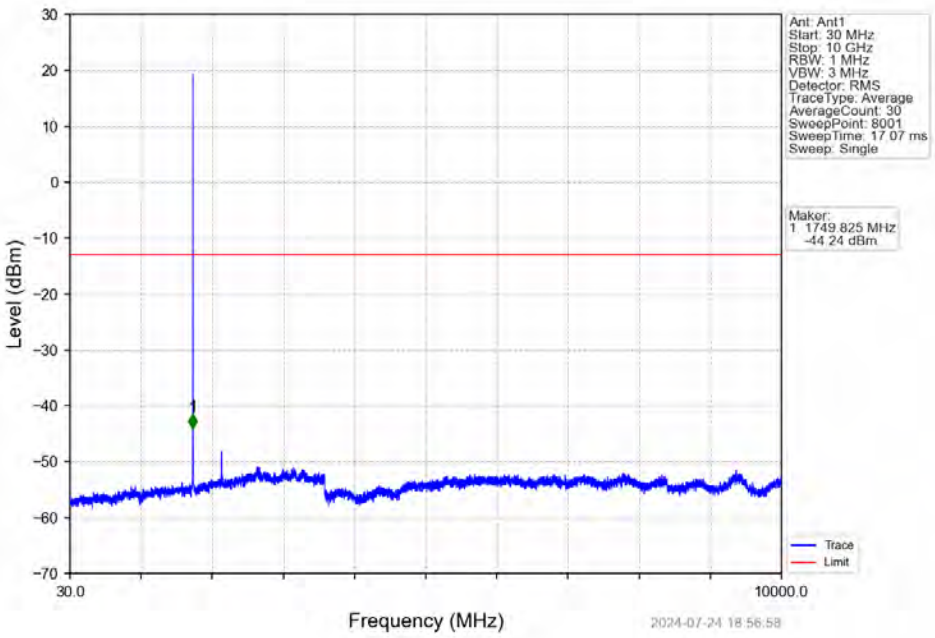
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



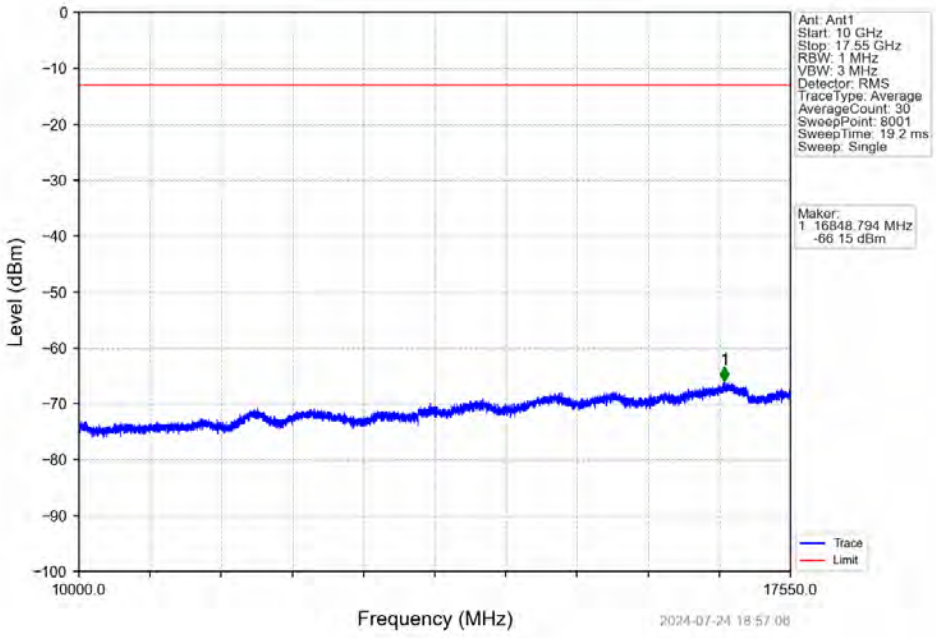
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



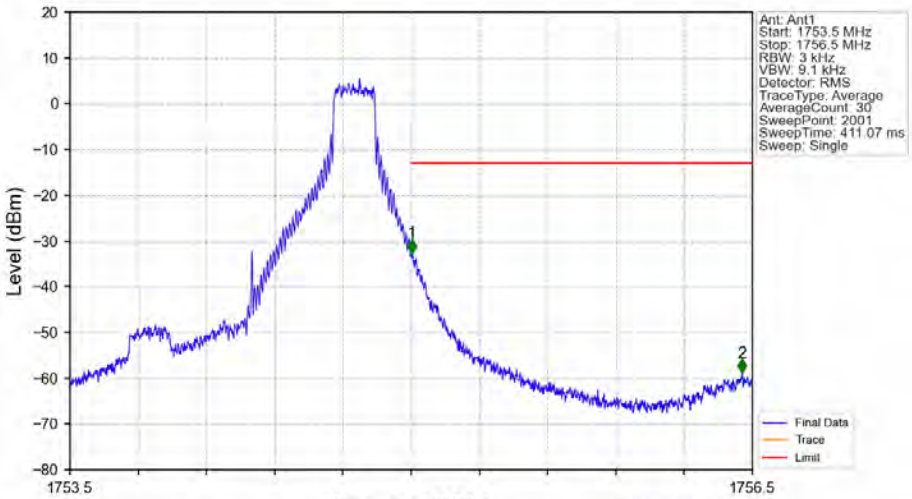
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

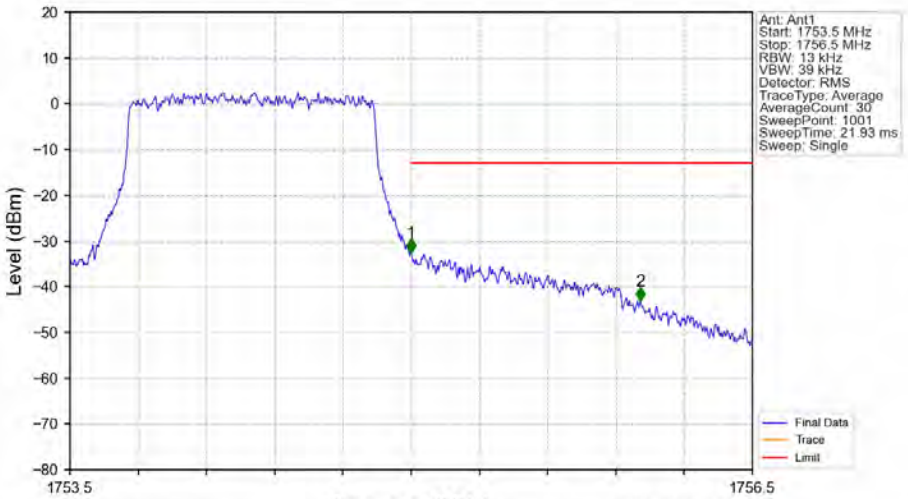


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.003	-32.65	-13	Pass
1756	1756.5	1	/	2	1756.455	-58.80	-13	Pass

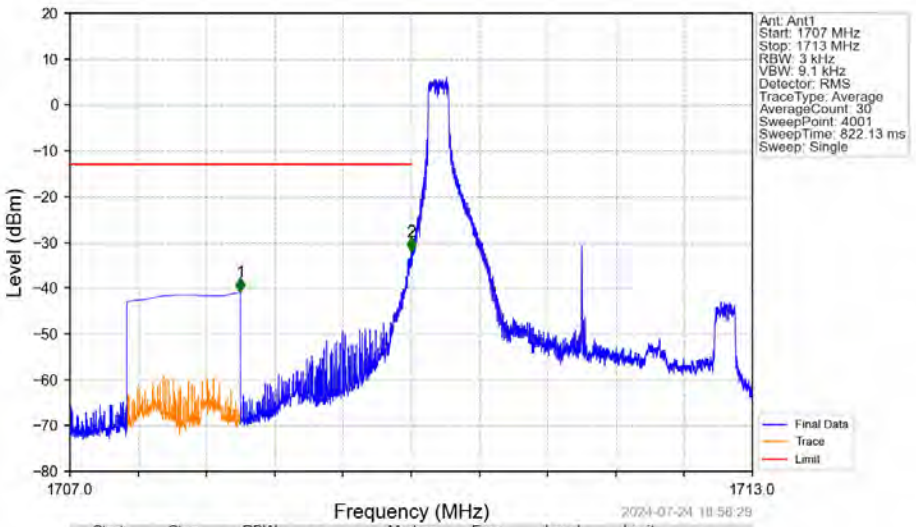
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	1755.000	-32.57	-13	Pass
1756	1756.5	1	/	2	1756.008	-43.13	-13	Pass

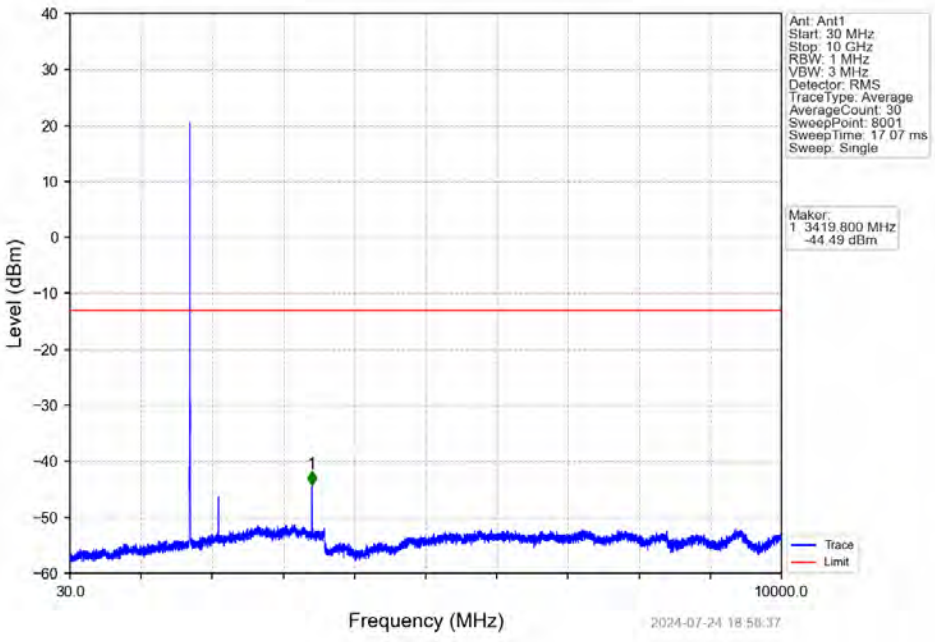
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

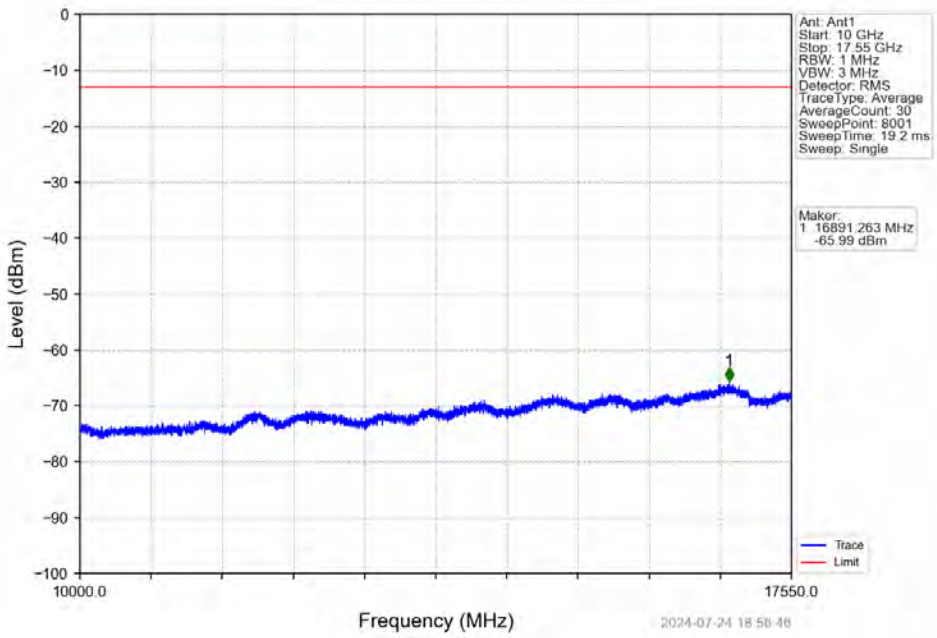


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-40.79	-13	Pass
1709	1710	0.003	/	2	1710.000	-32.02	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

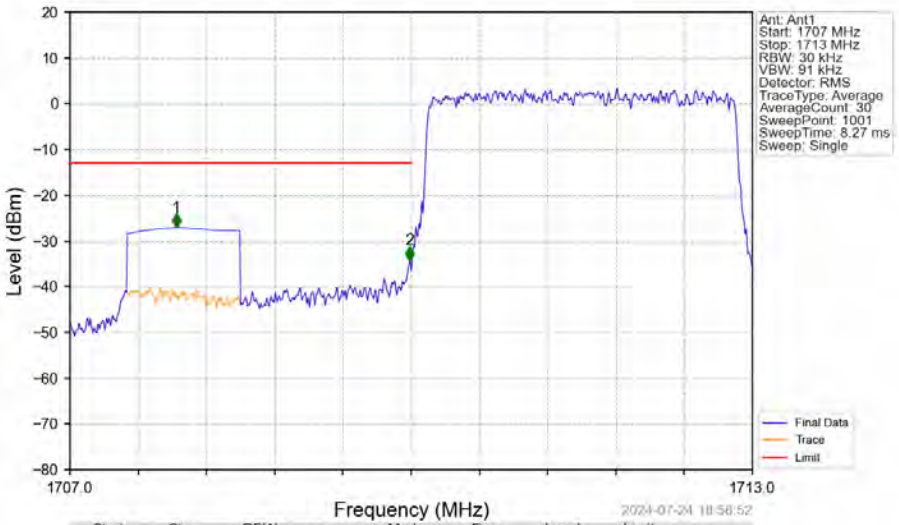
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

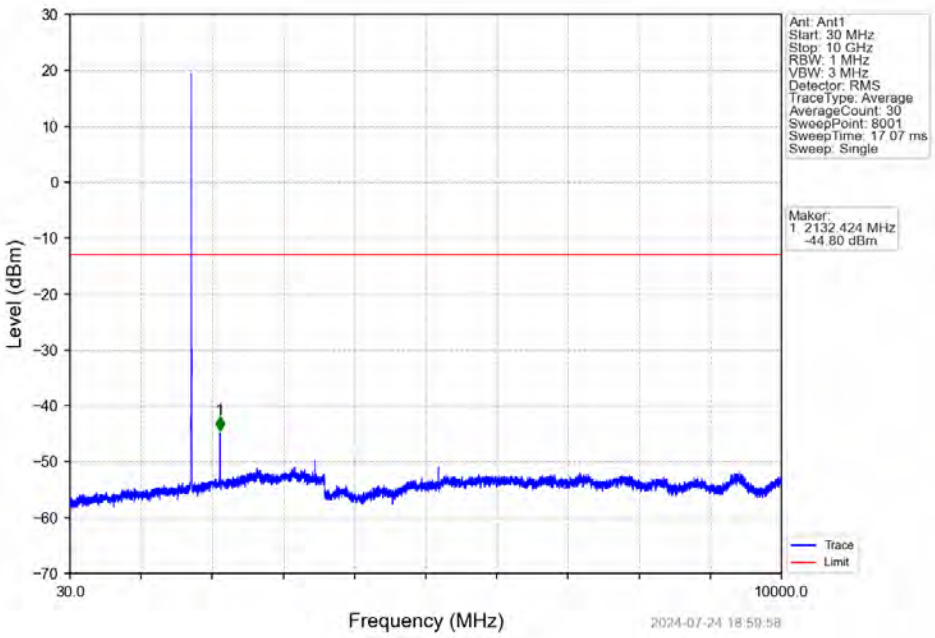


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

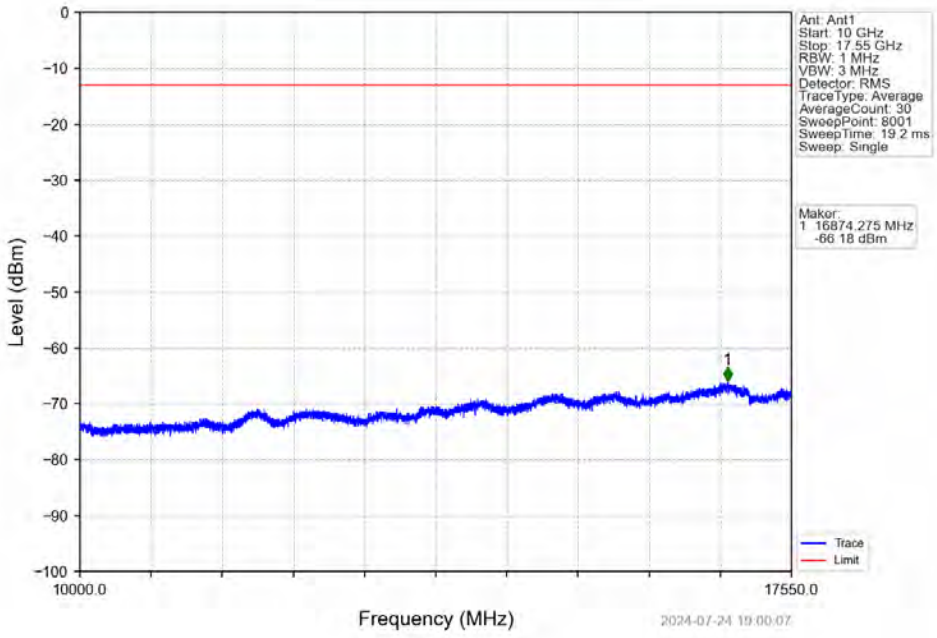


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.936	-27.08	-13	Pass
1709	1710	0.03	/	2	1709.988	-34.26	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

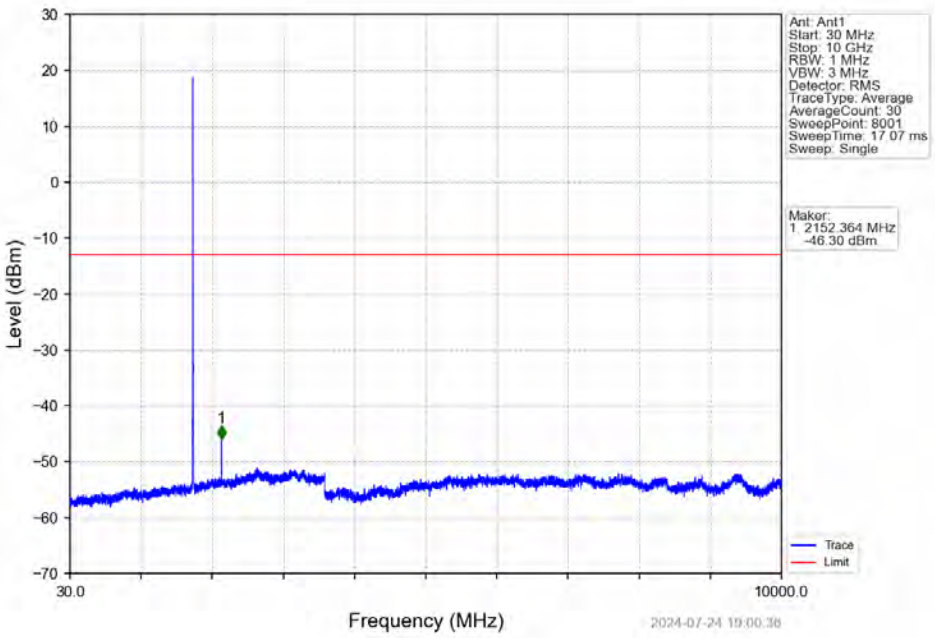
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



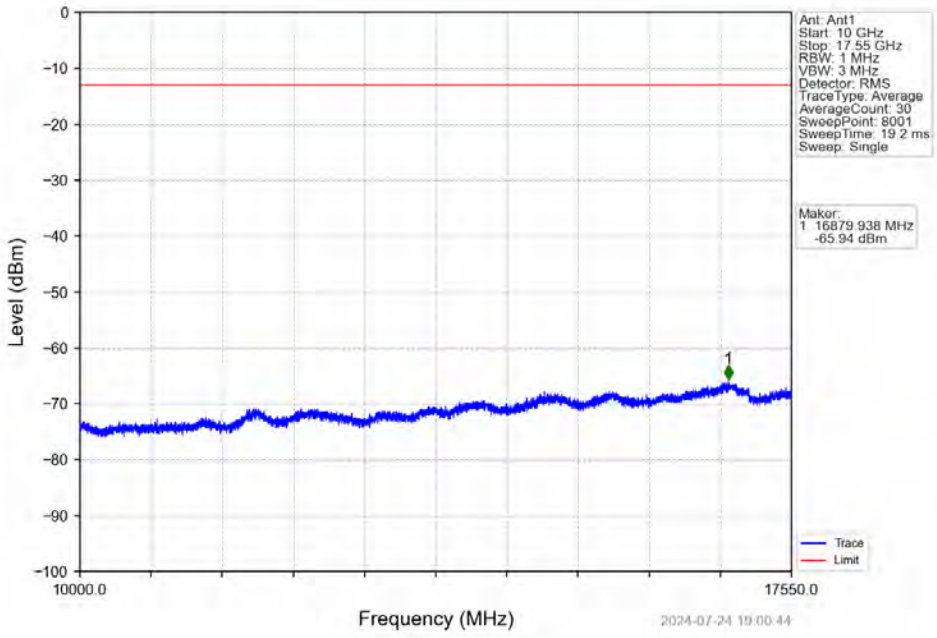
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



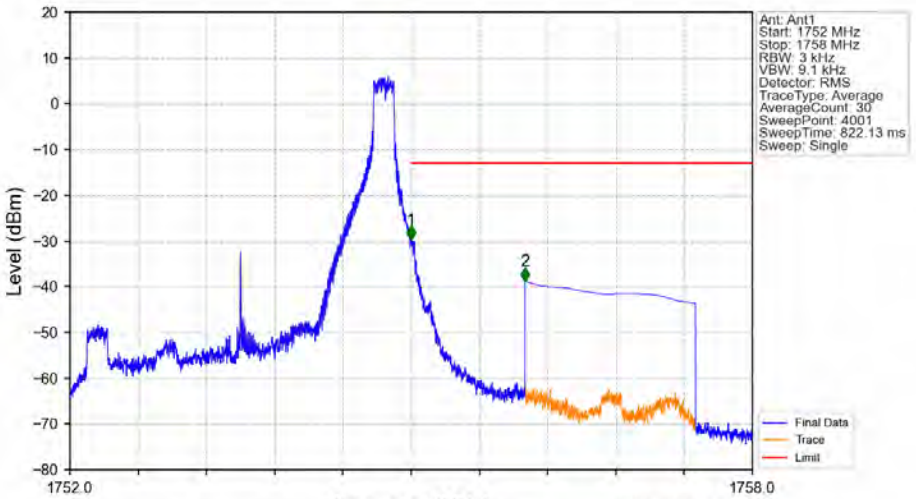
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

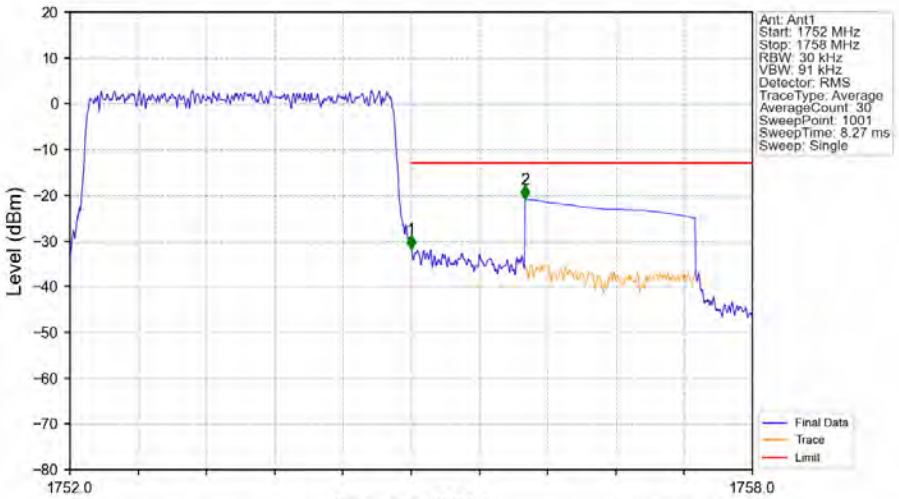


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



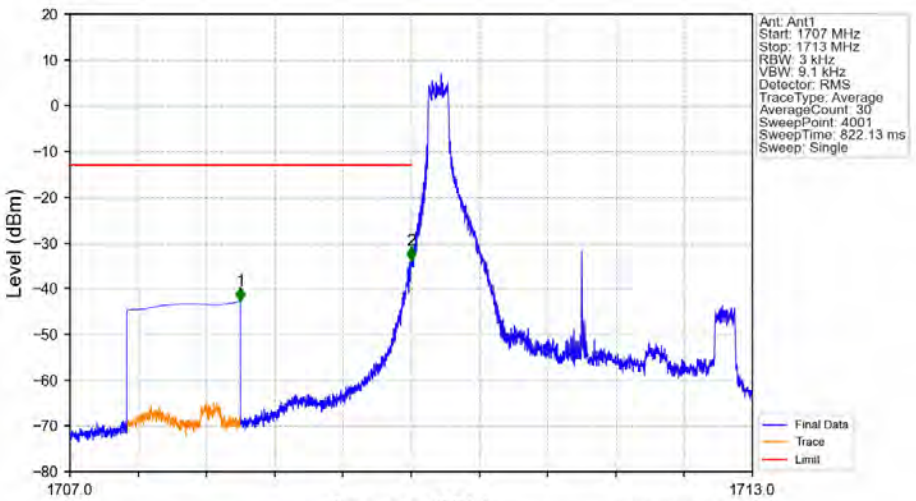
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-29.77	-13	Pass
1756	1758	1	CHP	2	1756.001	-38.82	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



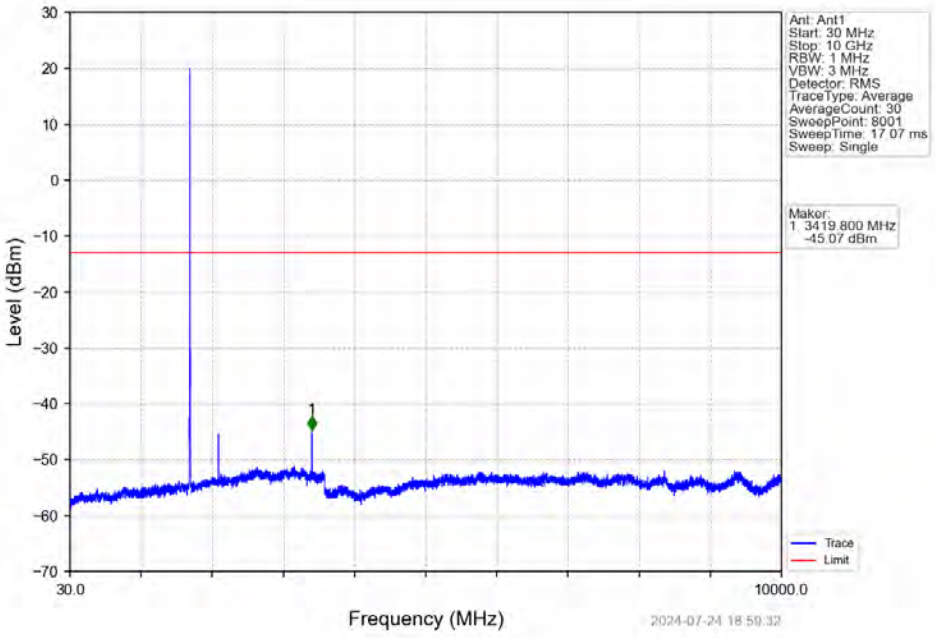
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.000	-31.80	-13	Pass
1756	1758	1	CHP	2	1756.002	-20.91	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

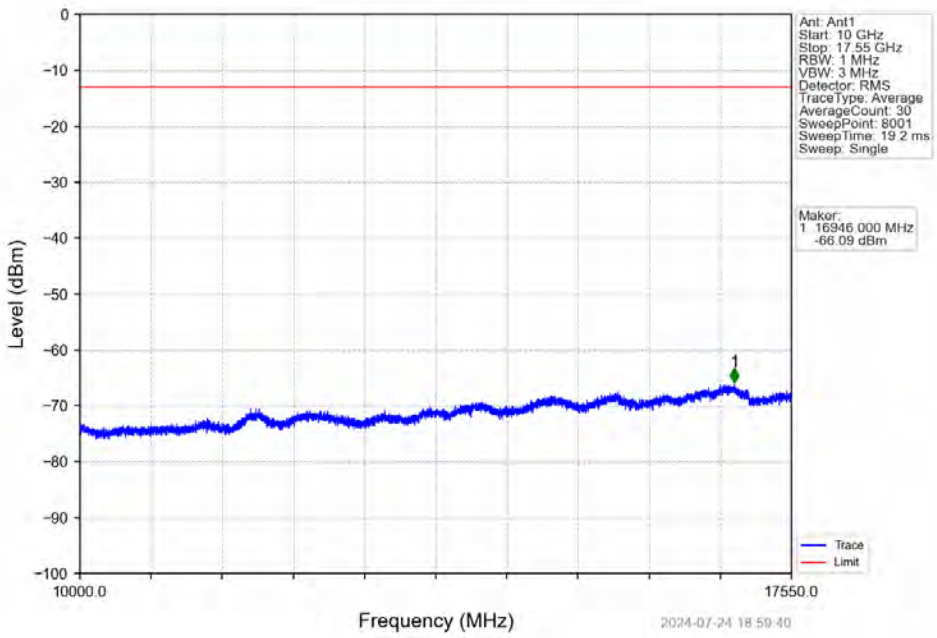


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-42.71	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.89	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

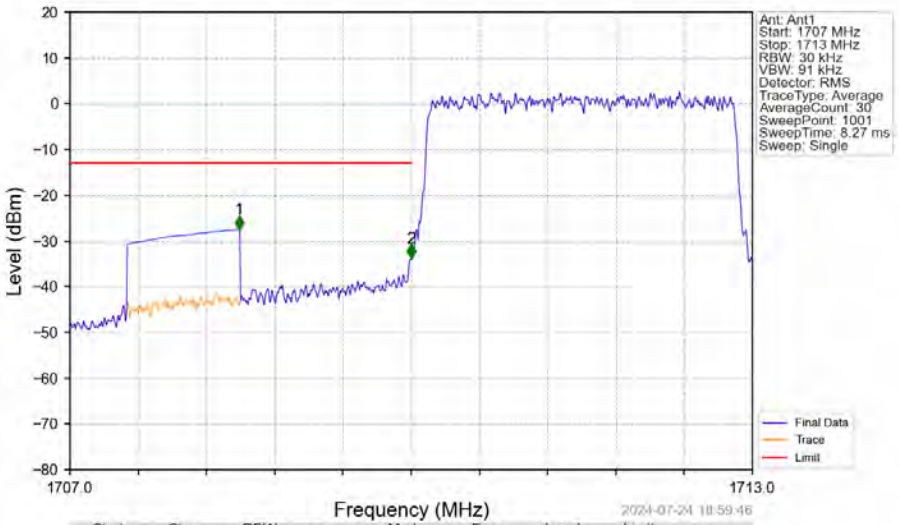
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

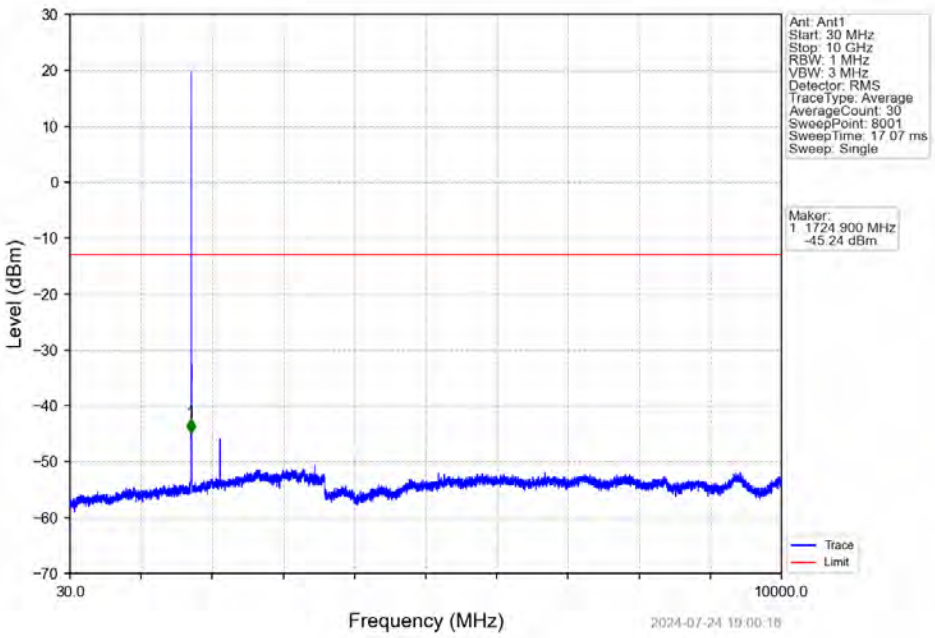


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

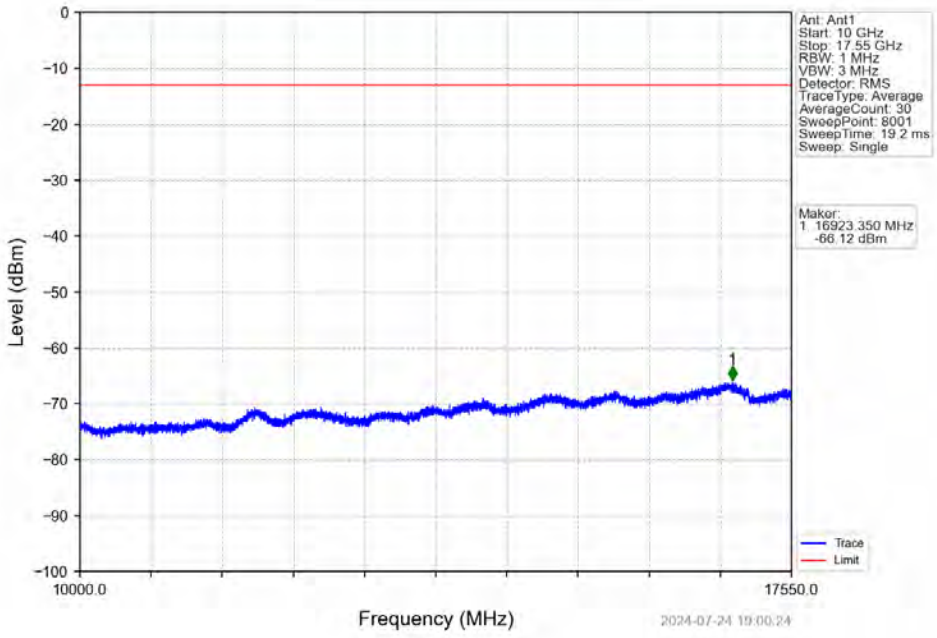


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.488	-27.55	-13	Pass
1709	1710	0.03	/	2	1710.000	-33.84	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

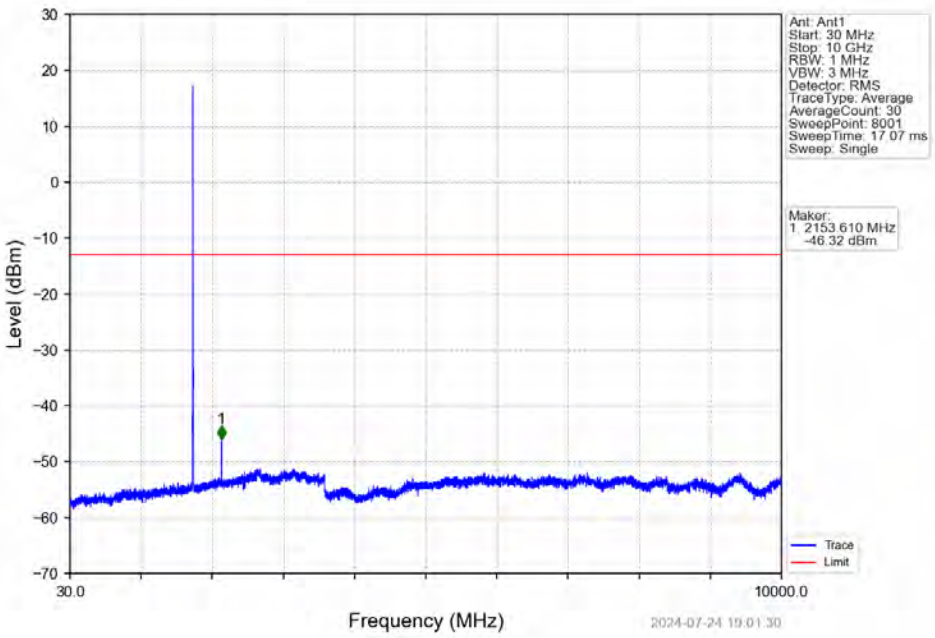
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



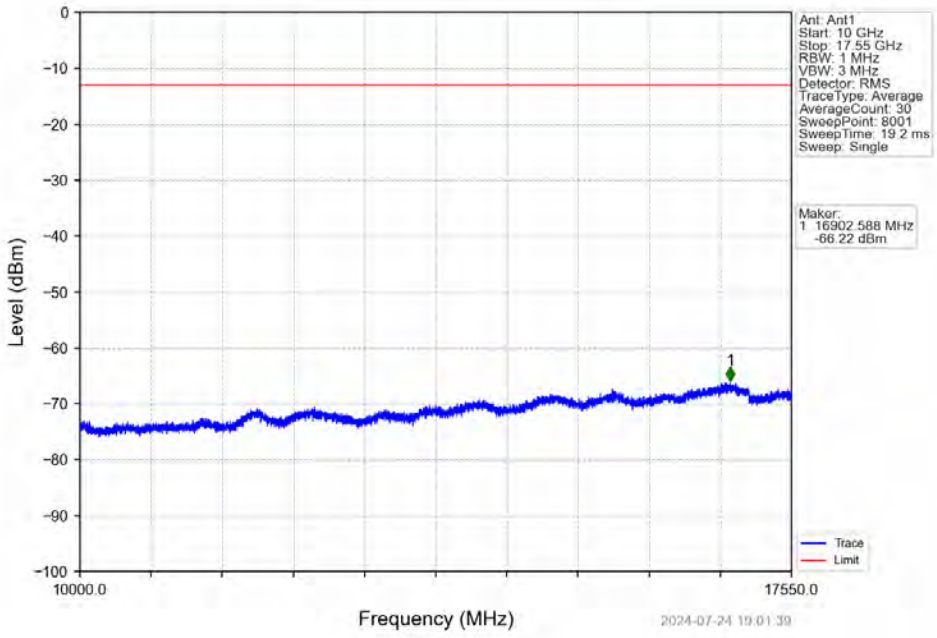
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



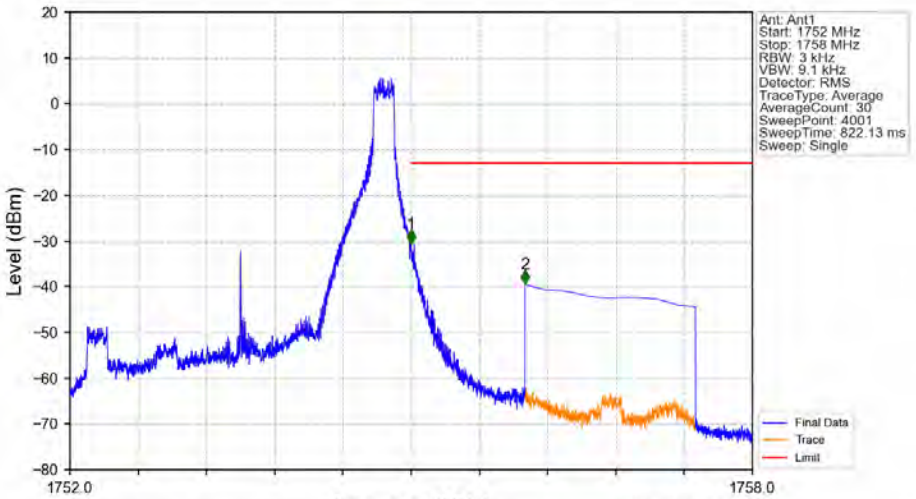
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

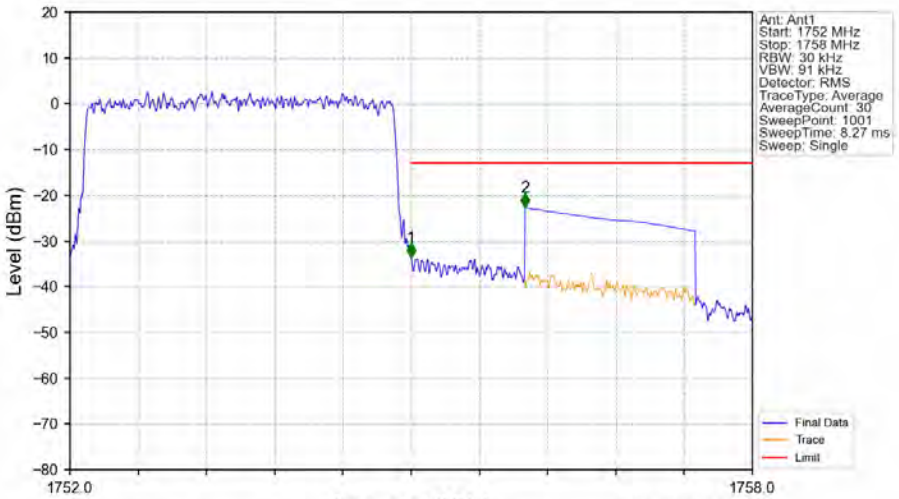


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.000	-30.58	-13	Pass
1756	1758	1	CHP	2	1756.001	-39.44	-13	Pass

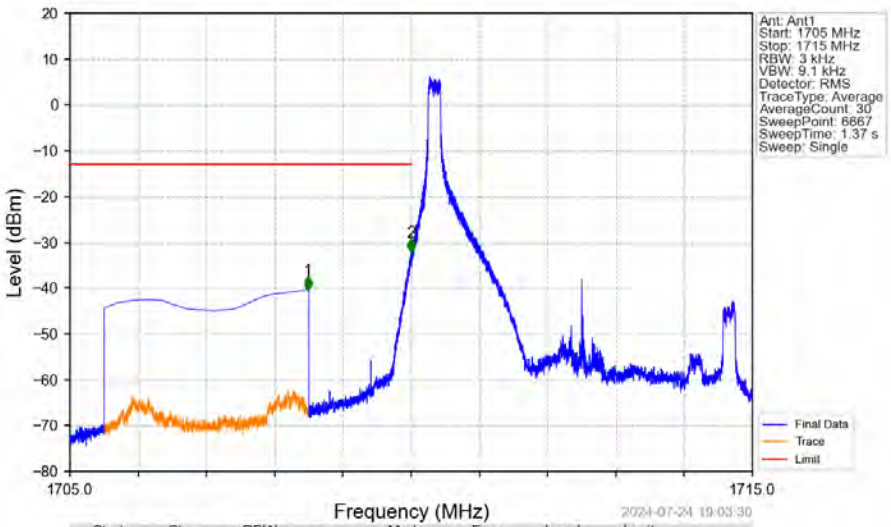
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



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	1755.000	-33.67	-13	Pass
1756	1758	1	CHP	2	1756.002	-22.69	-13	Pass

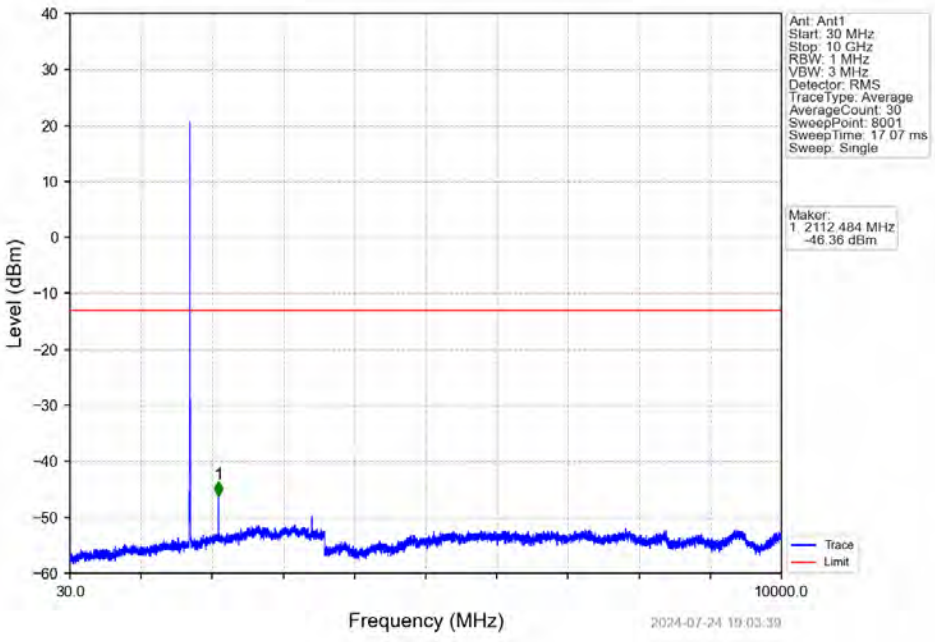
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

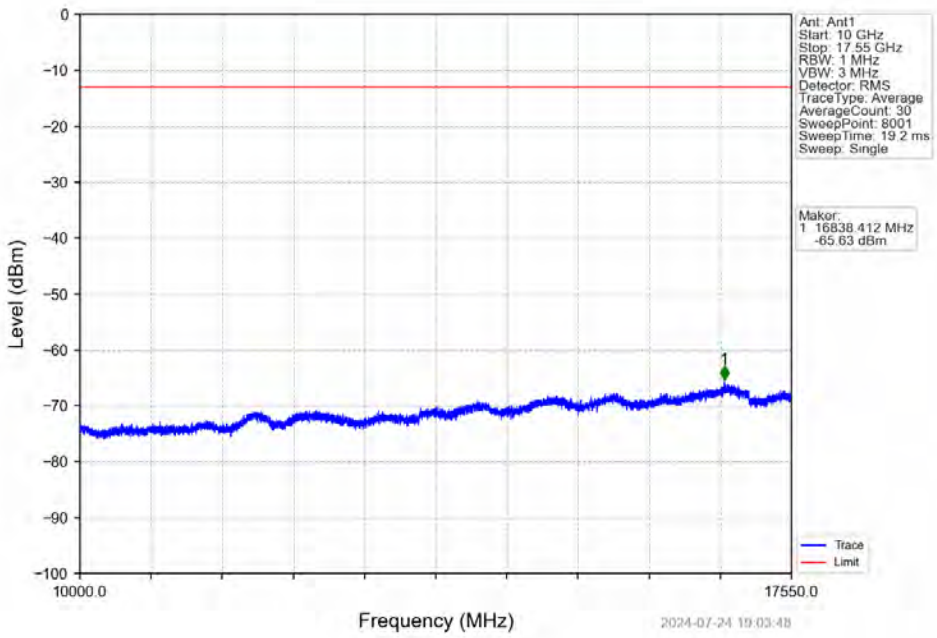


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.485	-40.44	-13	Pass
1709	1710	0.003	/	2	1710.000	-32.20	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

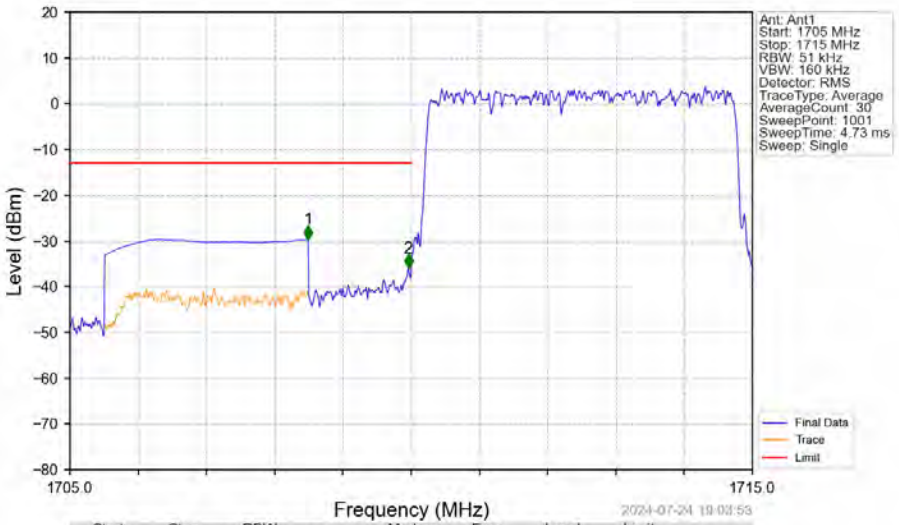
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

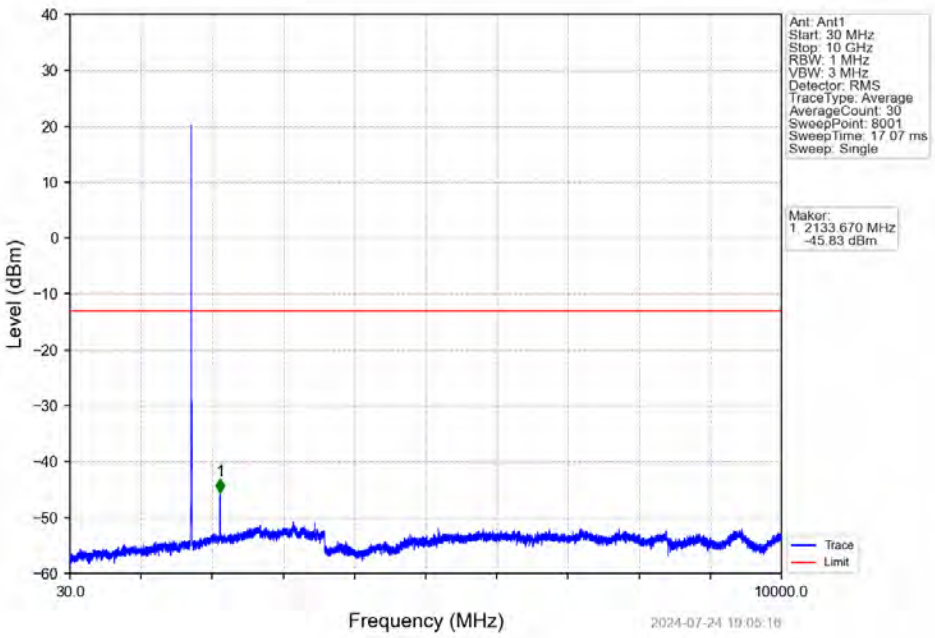


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

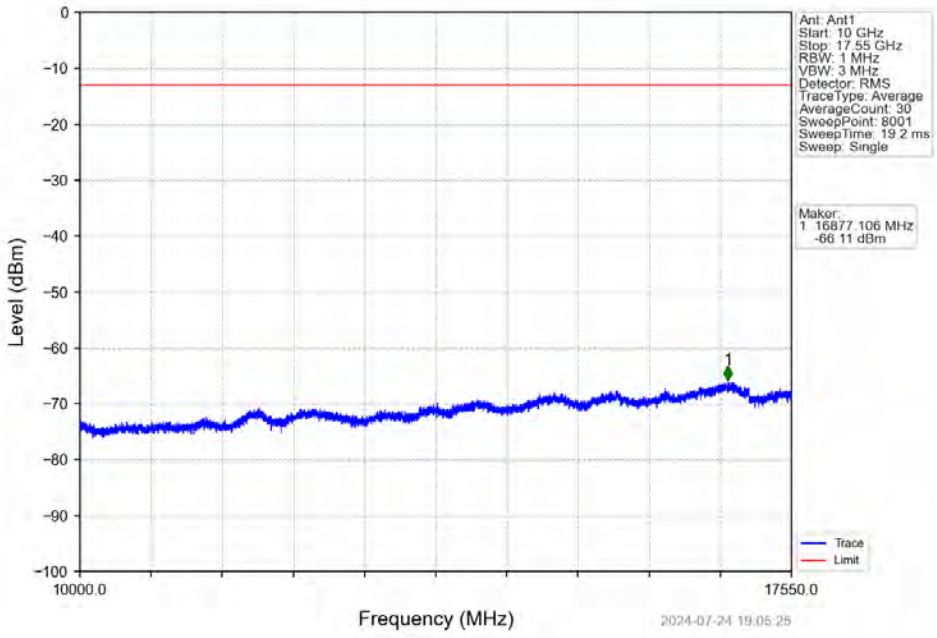


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-29.66	-13	Pass
1709	1710	0.051	/	2	1709.960	-35.93	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

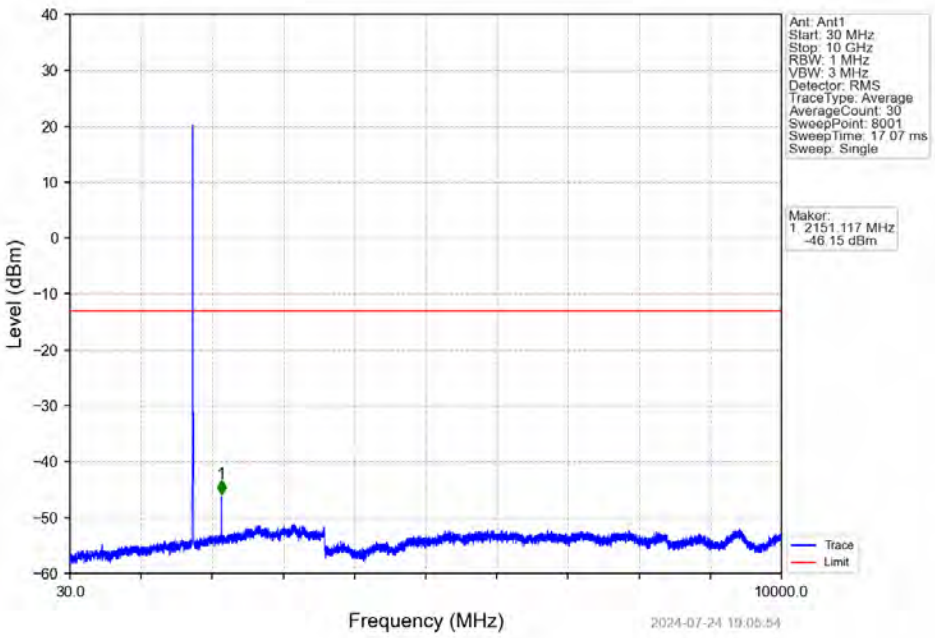
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



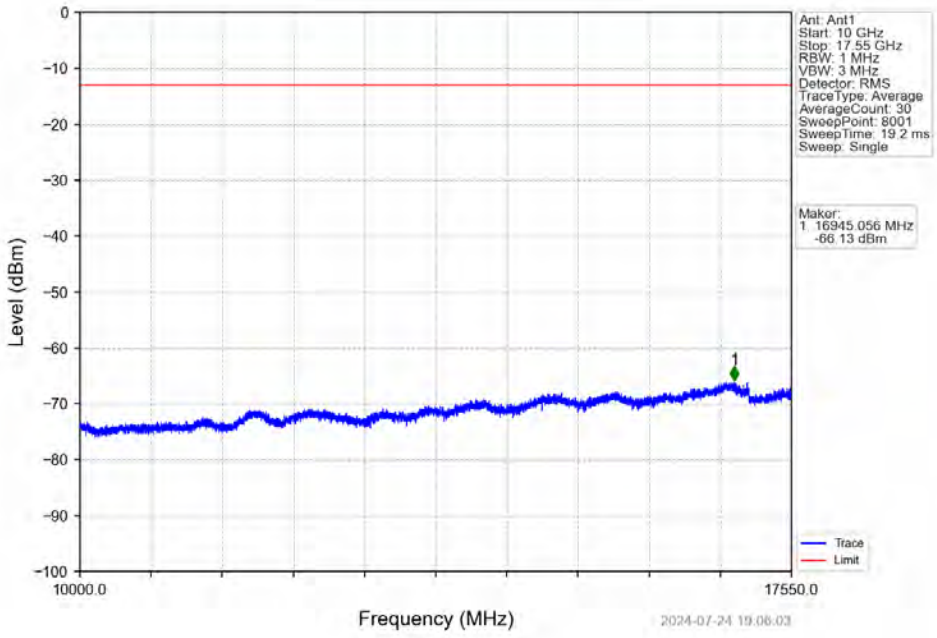
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



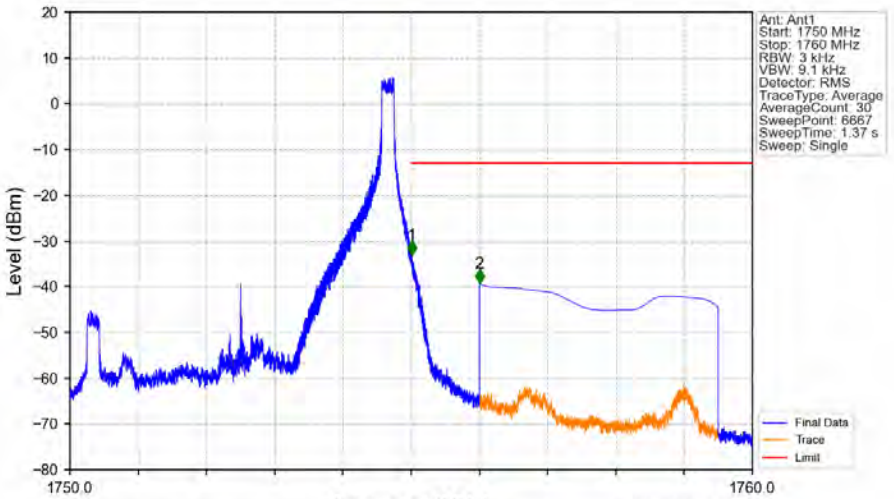
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

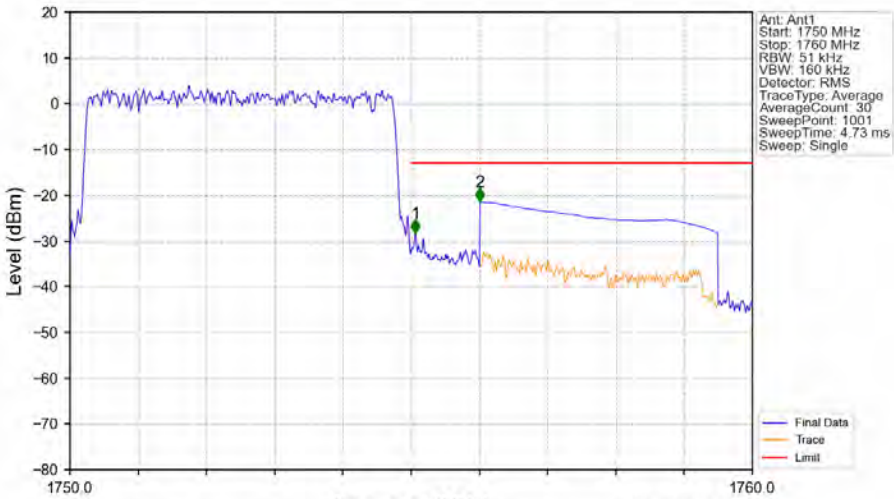


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



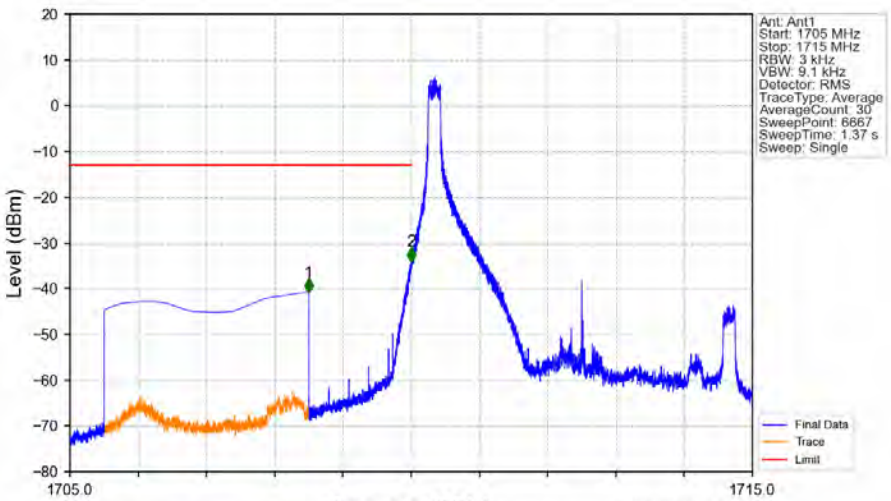
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-33.08	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.27	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



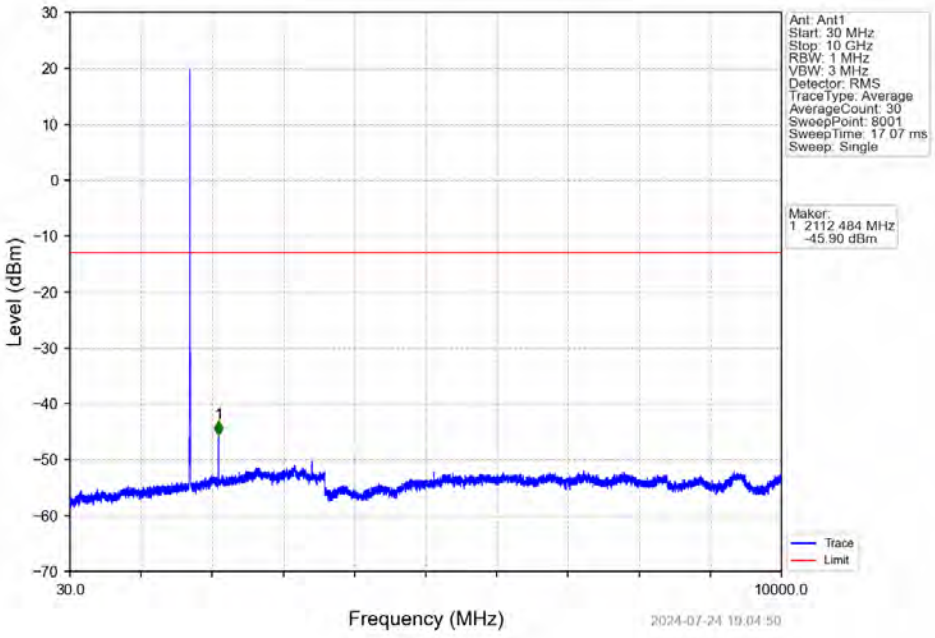
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.060	-28.38	-13	Pass
1756	1760	1	CHP	2	1756.010	-21.47	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

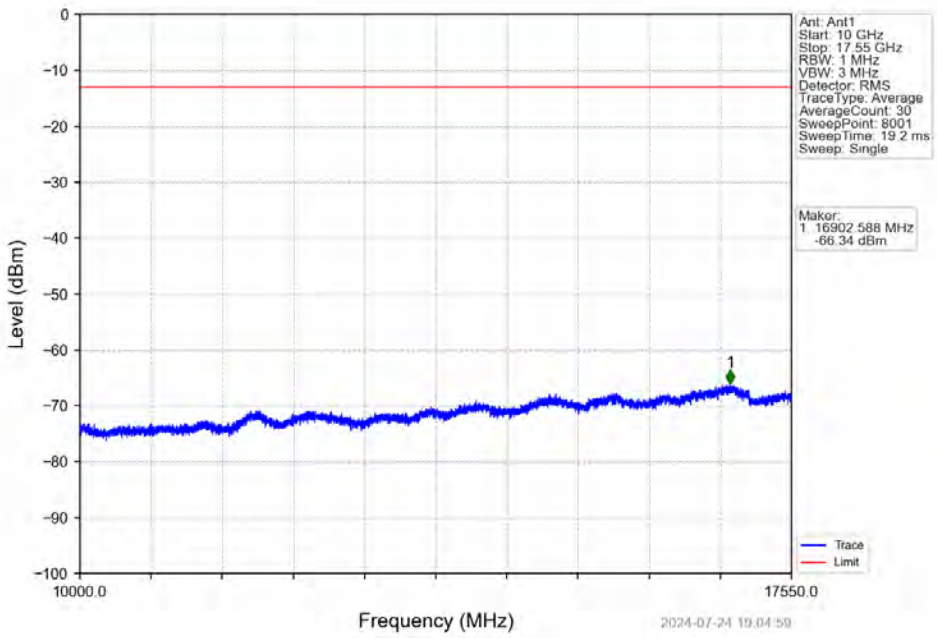


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.497	-40.81	-13	Pass
1709	1710	0.003	/	2	1710.000	-34.06	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

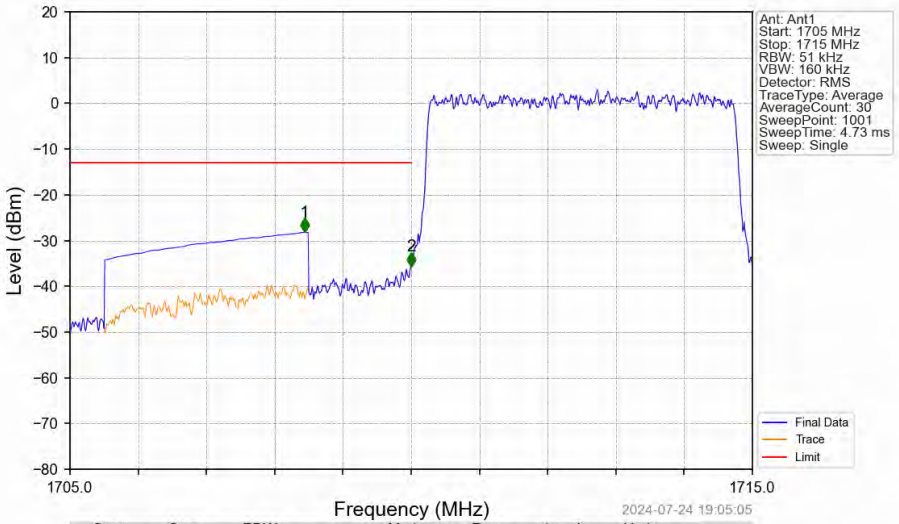
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

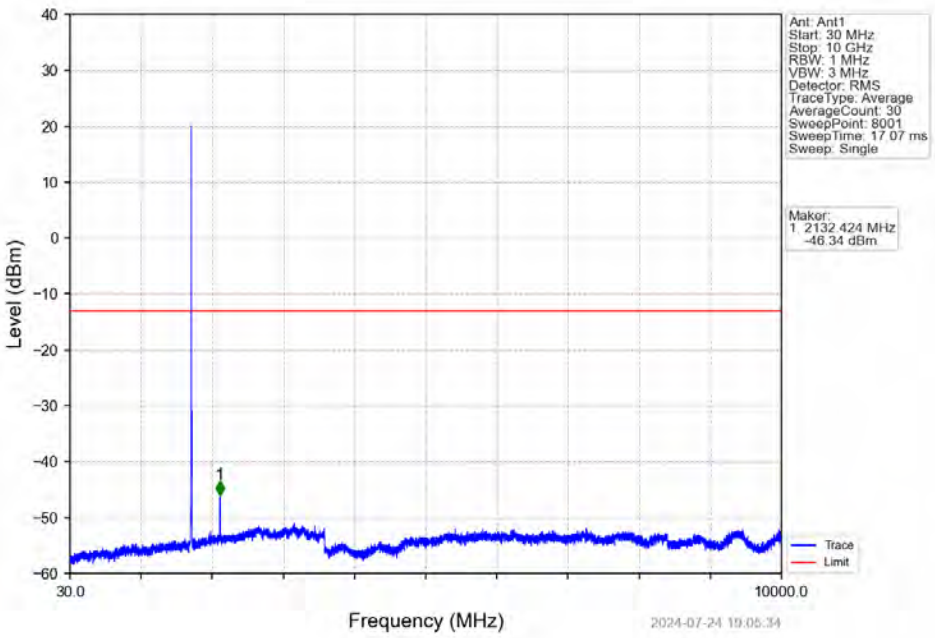


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

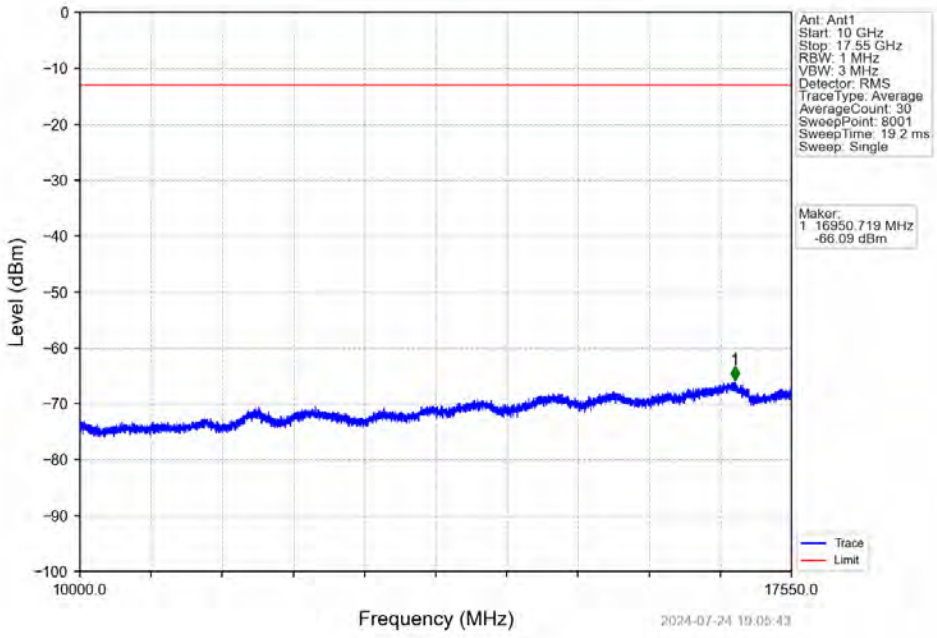


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.440	-28.22	-13	Pass
1709	1710	0.051	/	2	1710.000	-35.67	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

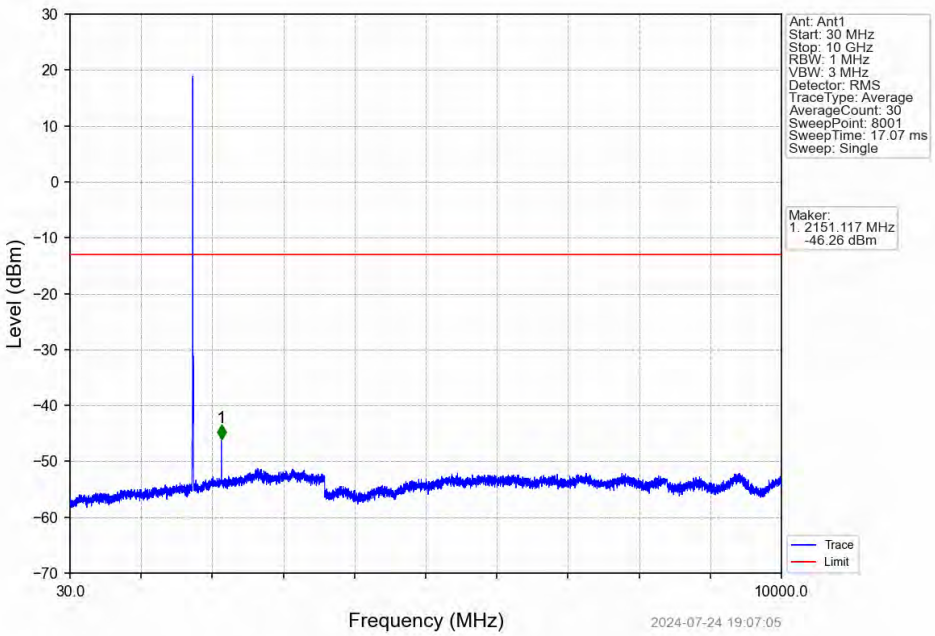
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



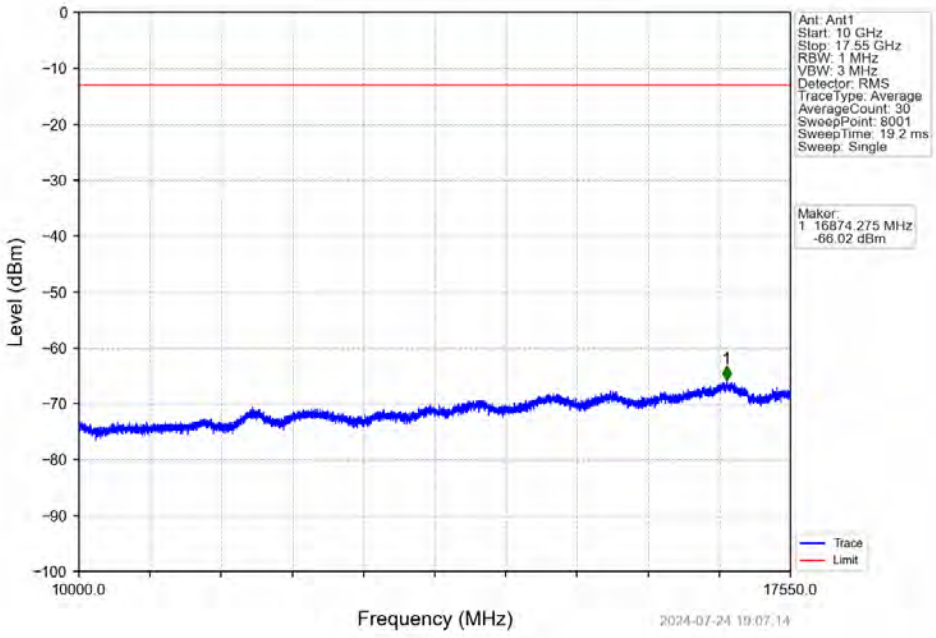
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



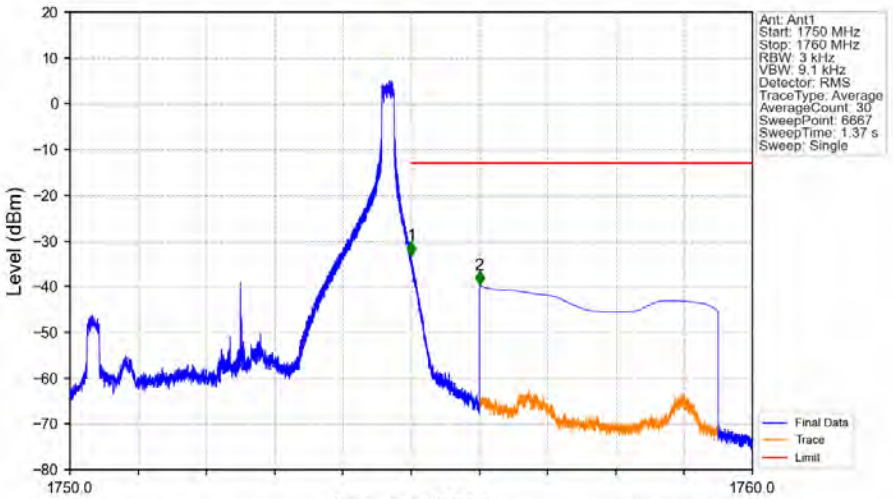
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

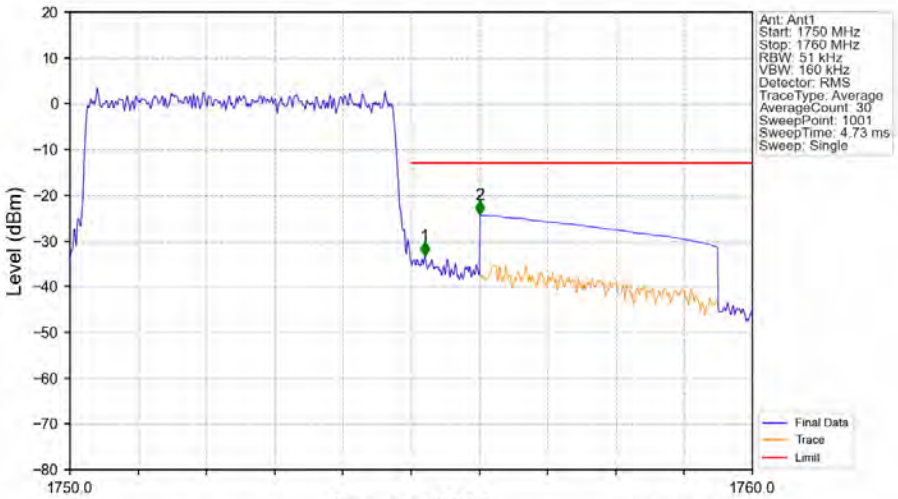


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



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	-33.20	-13	Pass
1756	1760	1	CHP	2	1756.001	-39.66	-13	Pass

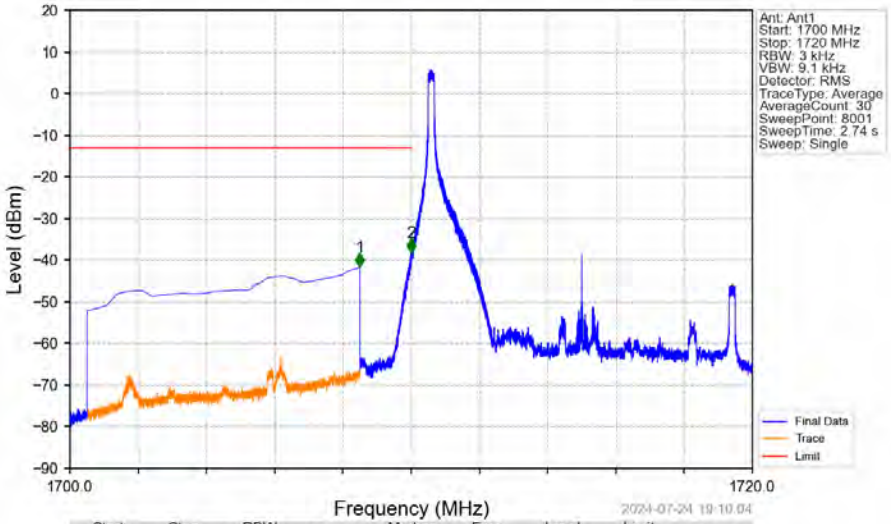
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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	1755.200	-33.22	-13	Pass
1756	1760	1	CHP	2	1756.010	-24.34	-13	Pass

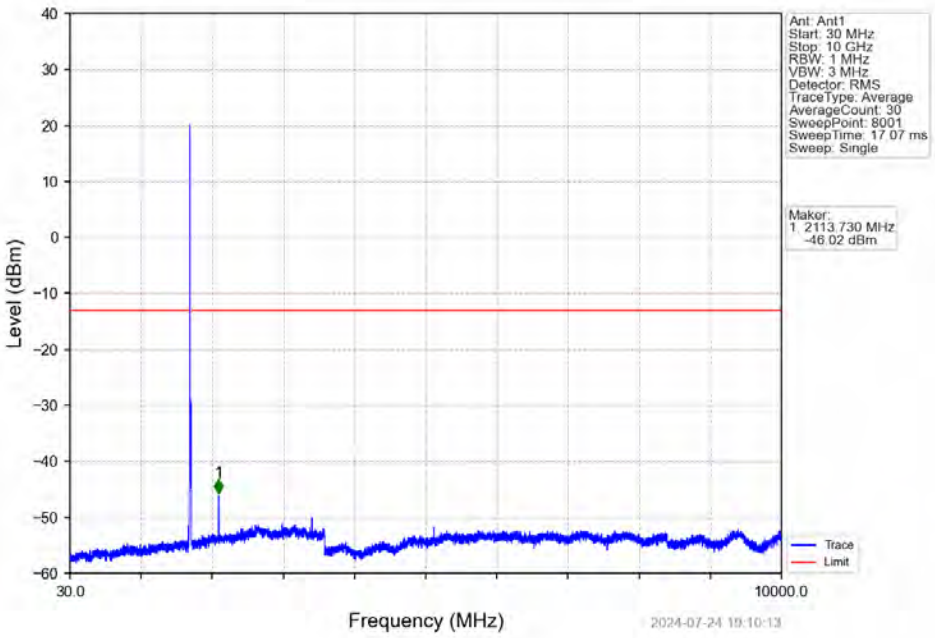
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

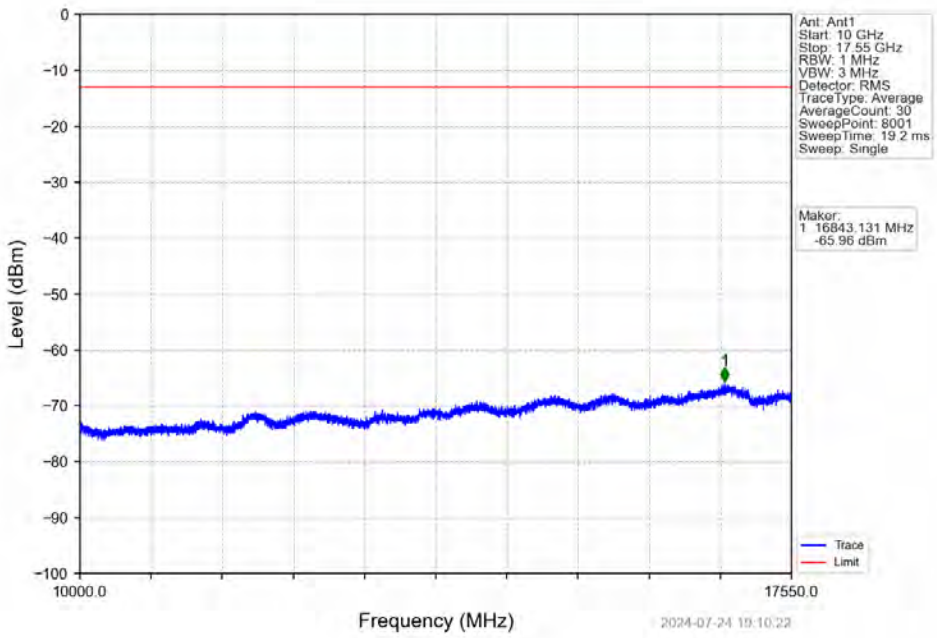


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.497	-41.74	-13	Pass
1709	1710	0.003	/	2	1710.000	-38.20	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

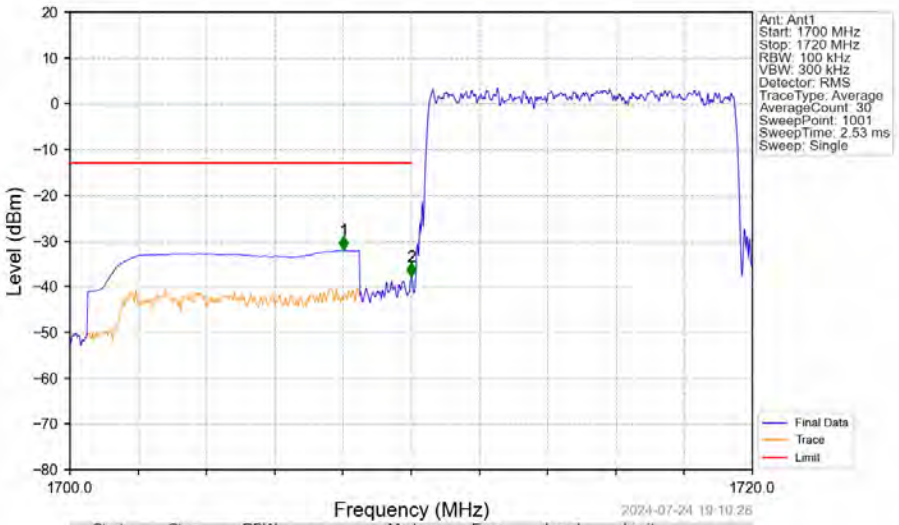
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

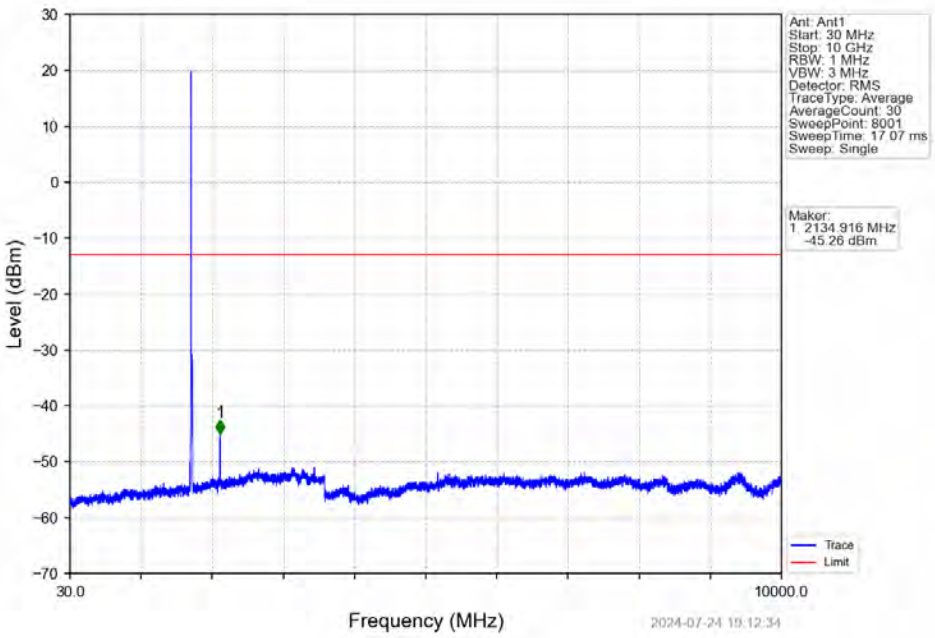


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

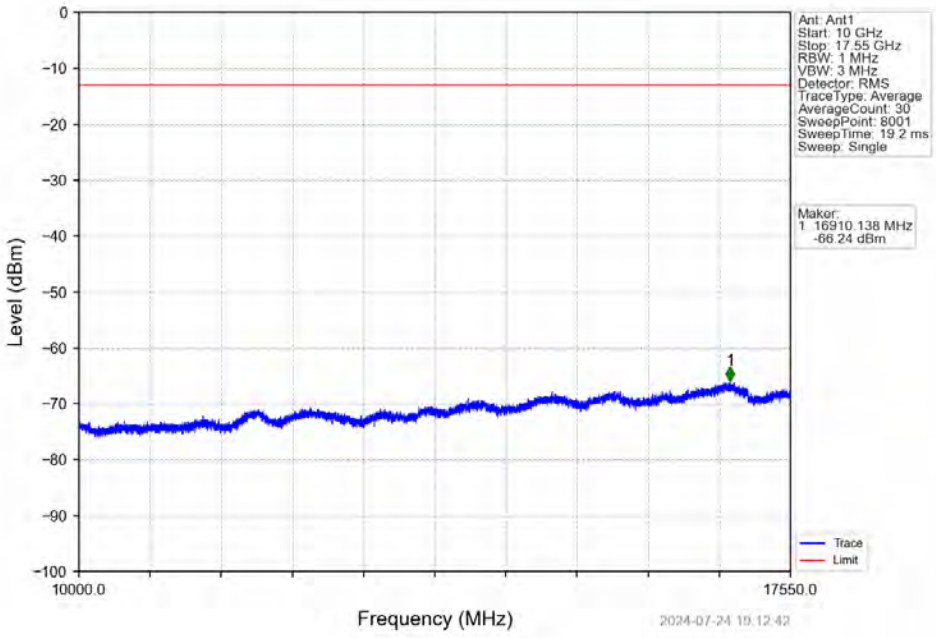


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.020	-32.03	-13	Pass
1709	1710	0.1	/	2	1710.000	-37.86	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

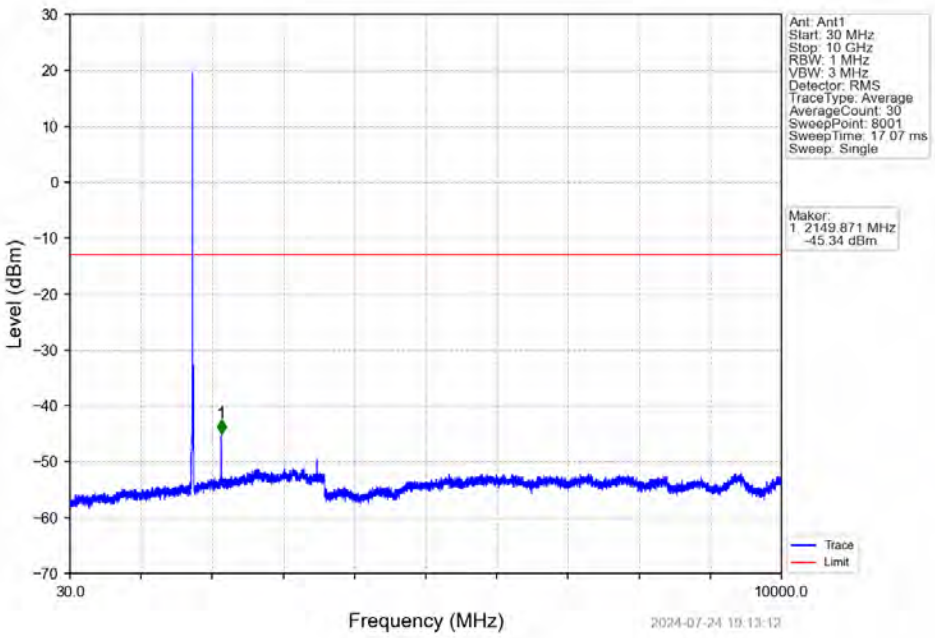
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



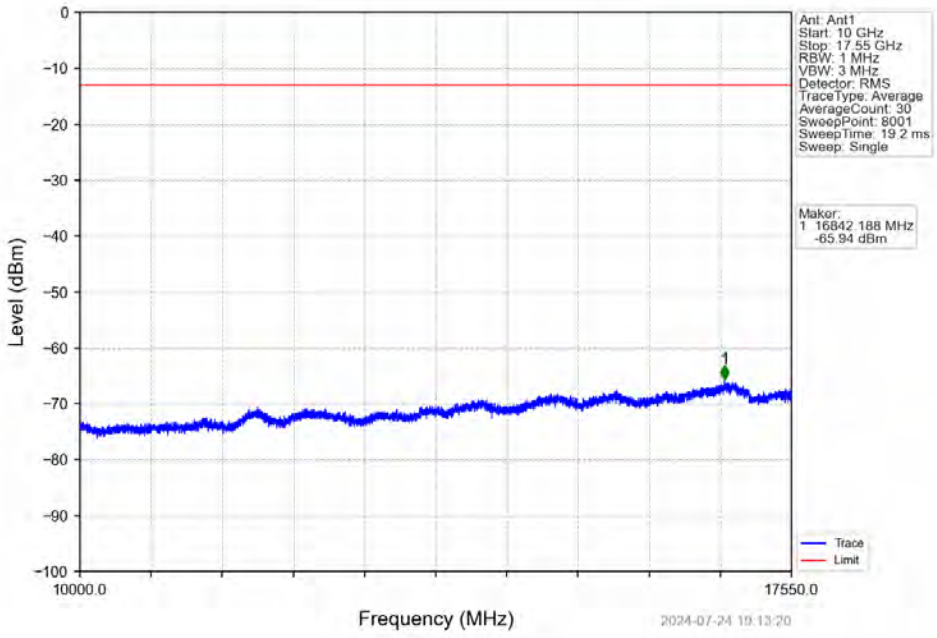
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



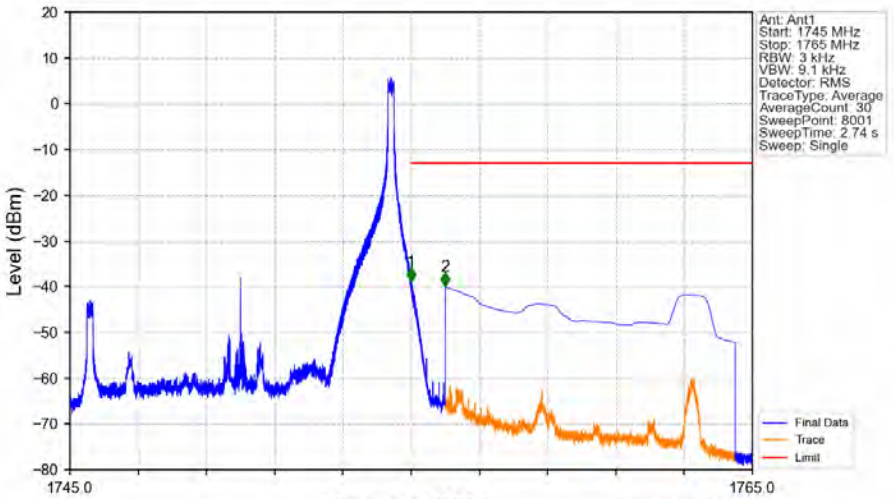
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

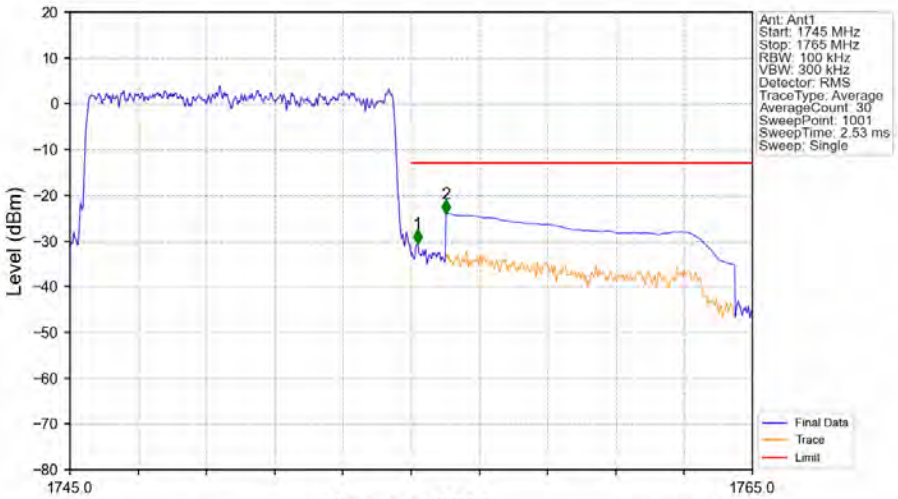


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



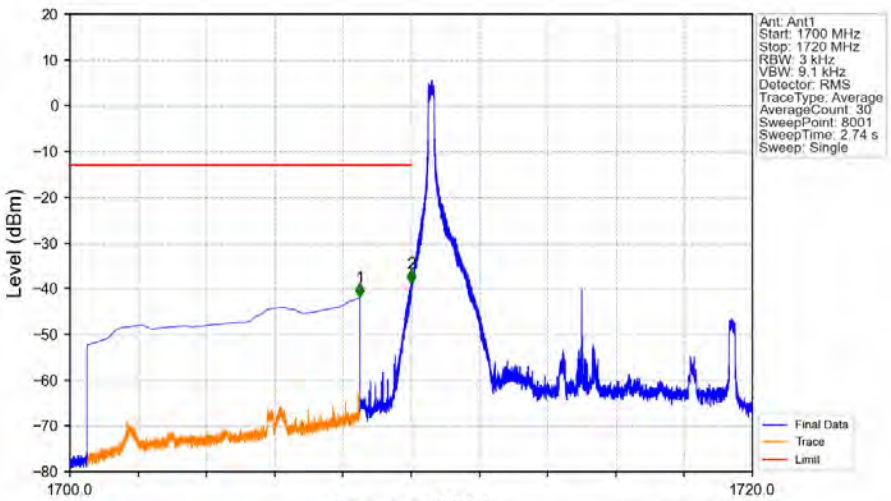
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-38.85	-13	Pass
1756	1765	1	CHP	2	1756.003	-40.04	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



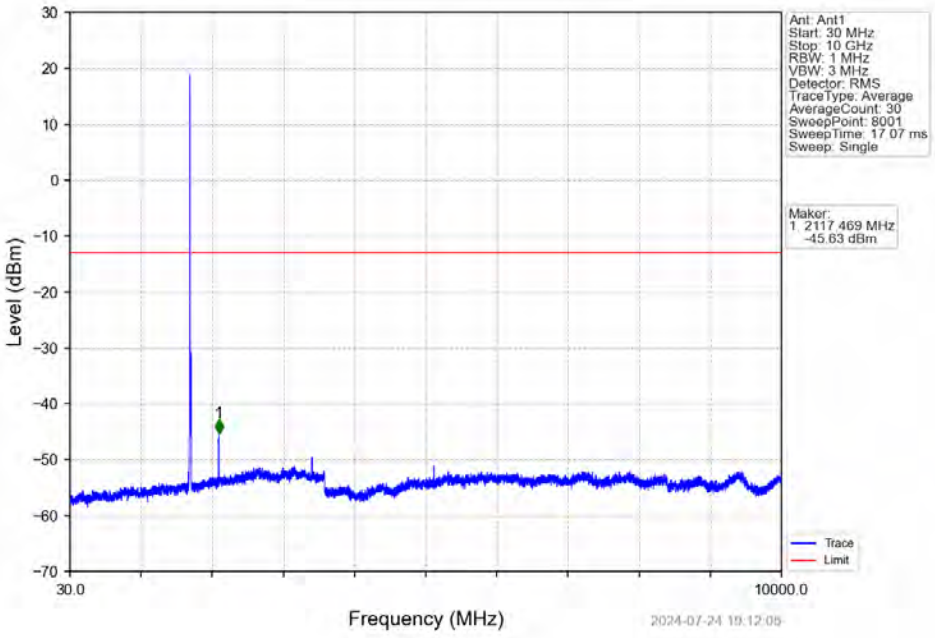
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.180	-30.66	-13	Pass
1756	1765	1	CHP	2	1756.020	-24.04	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

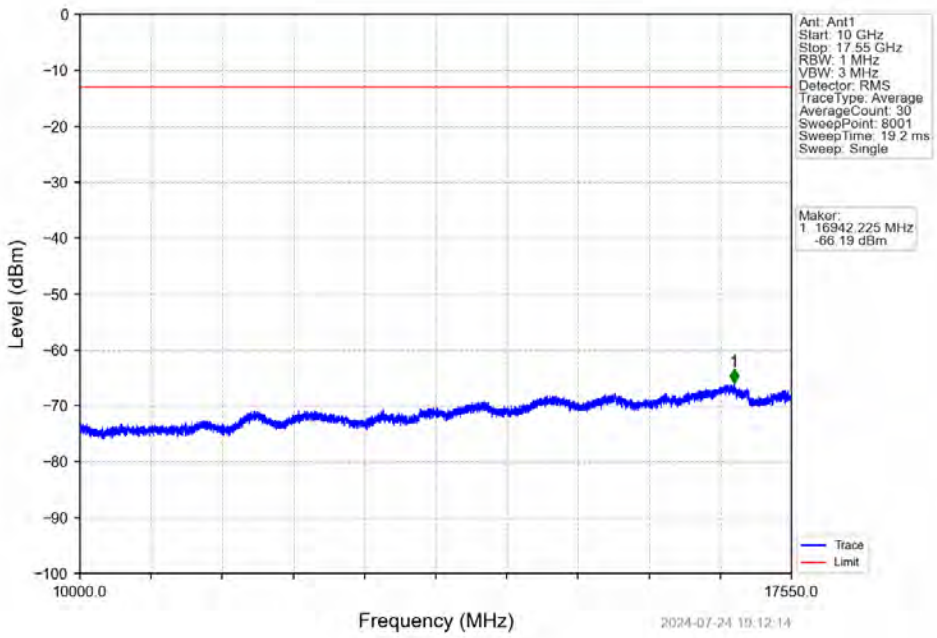


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.497	-41.98	-13	Pass
1709	1710	0.003	/	2	1710.000	-38.96	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

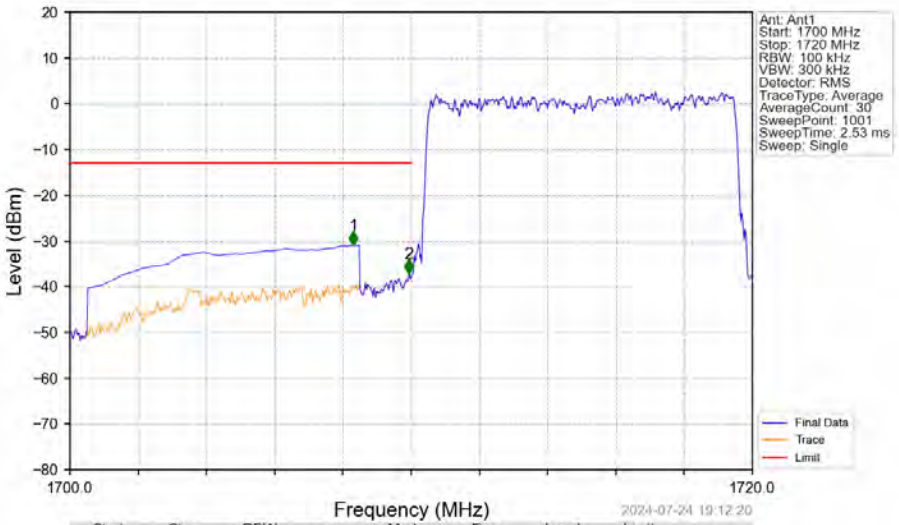
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

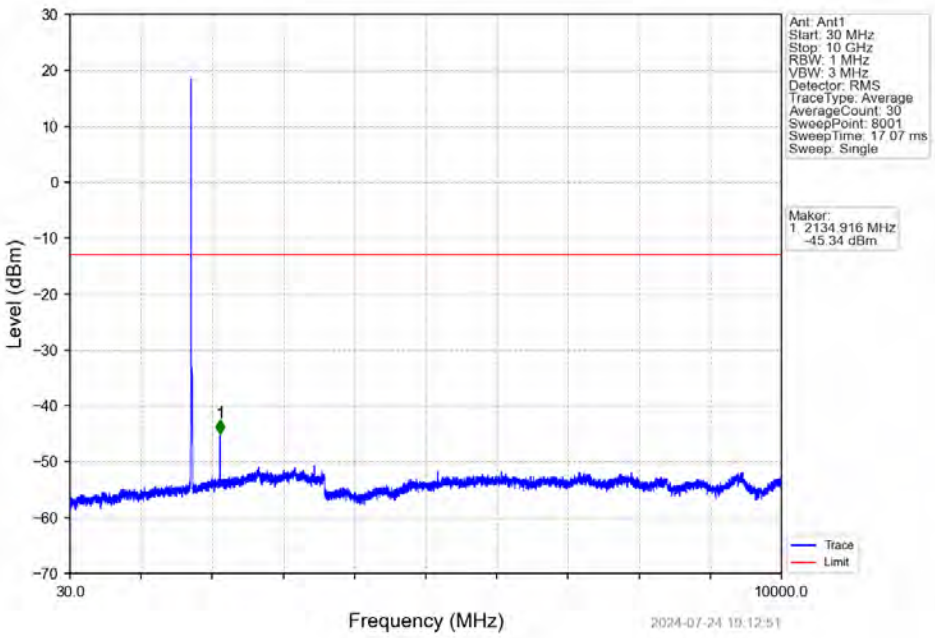


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

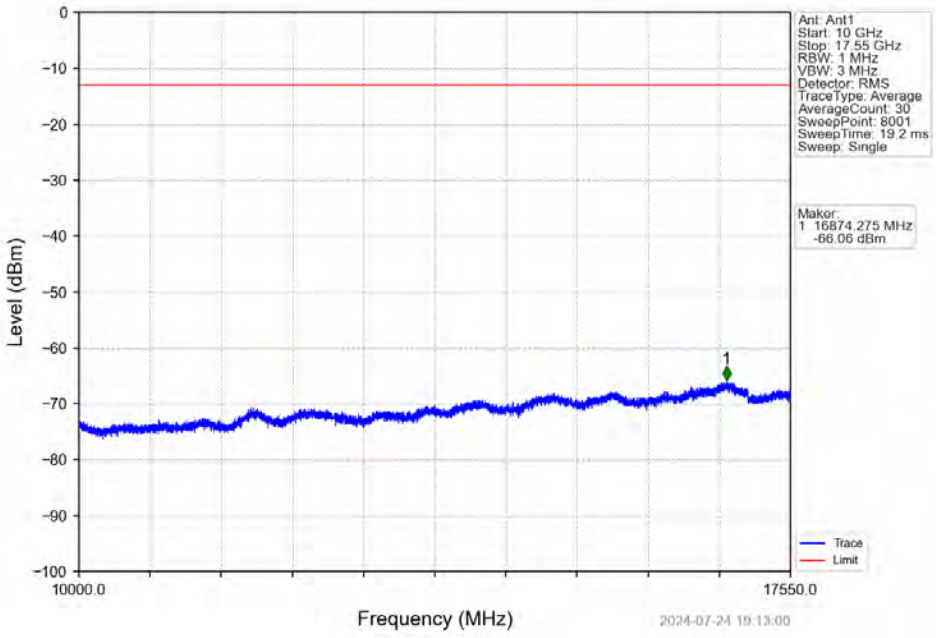


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.300	-30.99	-13	Pass
1709	1710	0.1	/	2	1709.940	-37.22	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

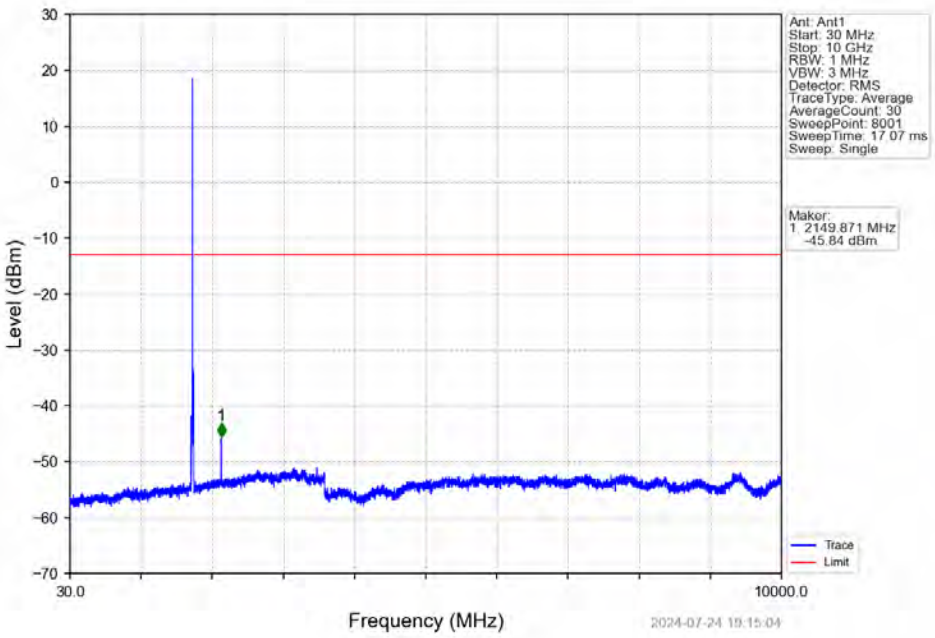
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



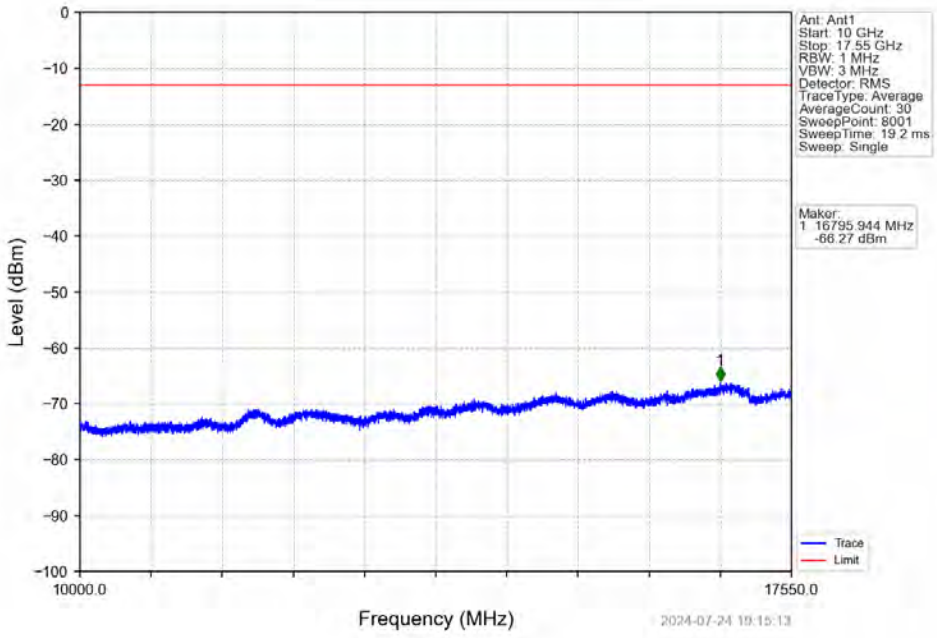
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



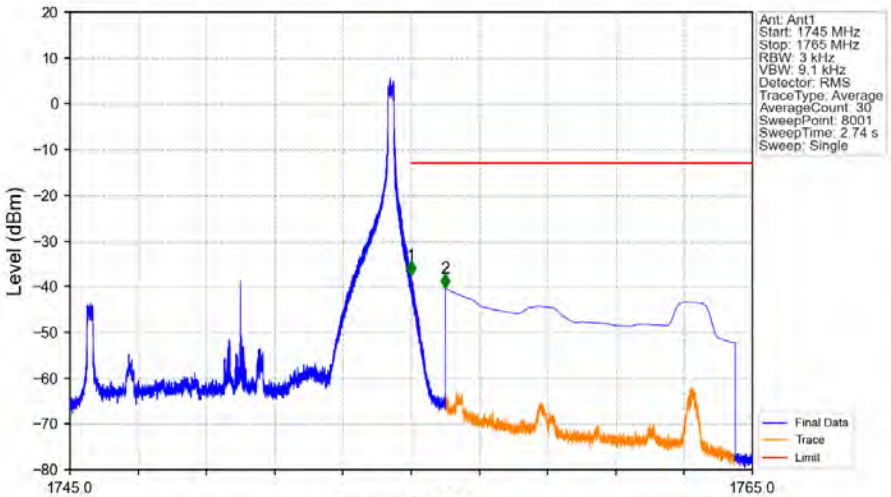
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

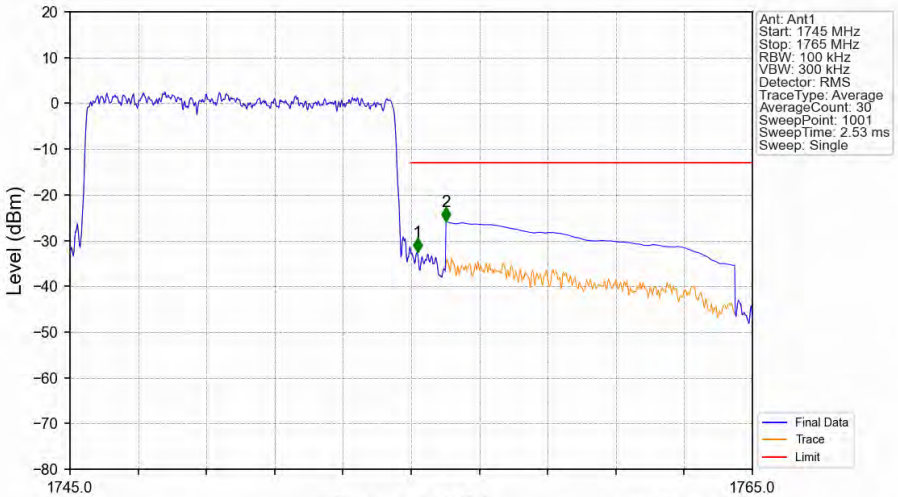


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



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	1755.000	-37.52	-13	Pass
1756	1765	1	CHP	2	1756.003	-40.30	-13	Pass

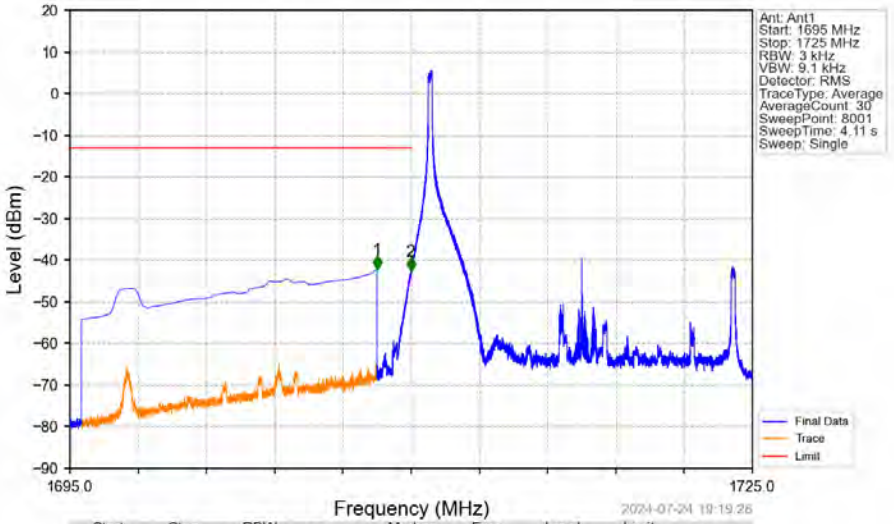
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



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	1755.180	-32.64	-13	Pass
1756	1765	1	CHP	2	1756.020	-25.87	-13	Pass

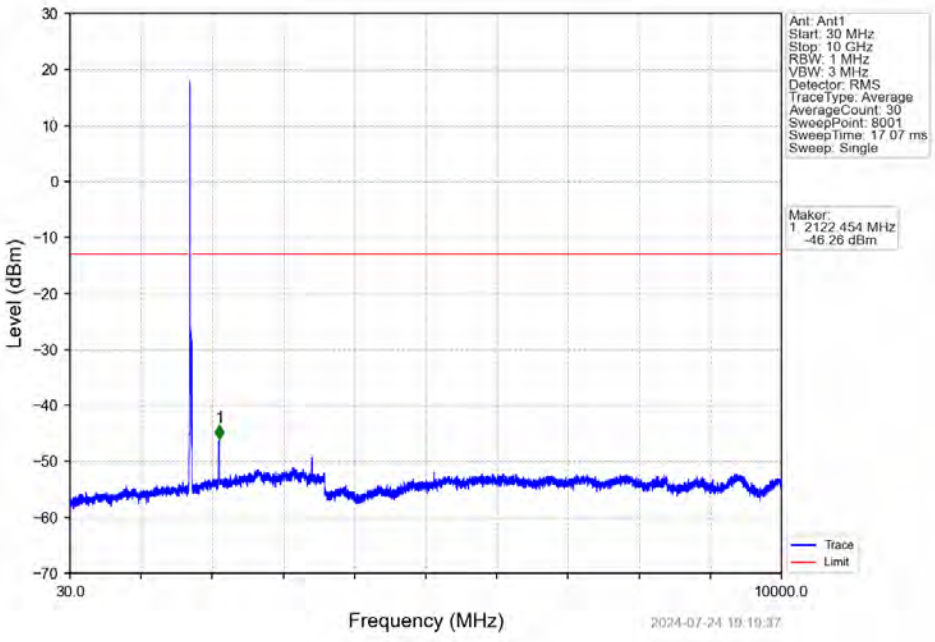
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

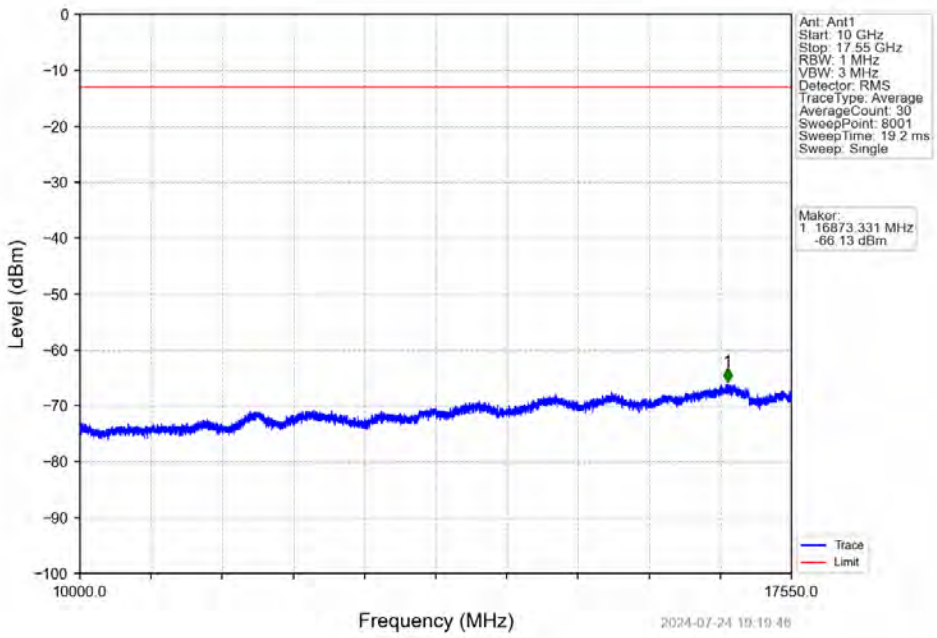


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.496	-42.22	-13	Pass
1709	1710	0.003	/	2	1709.985	-42.65	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

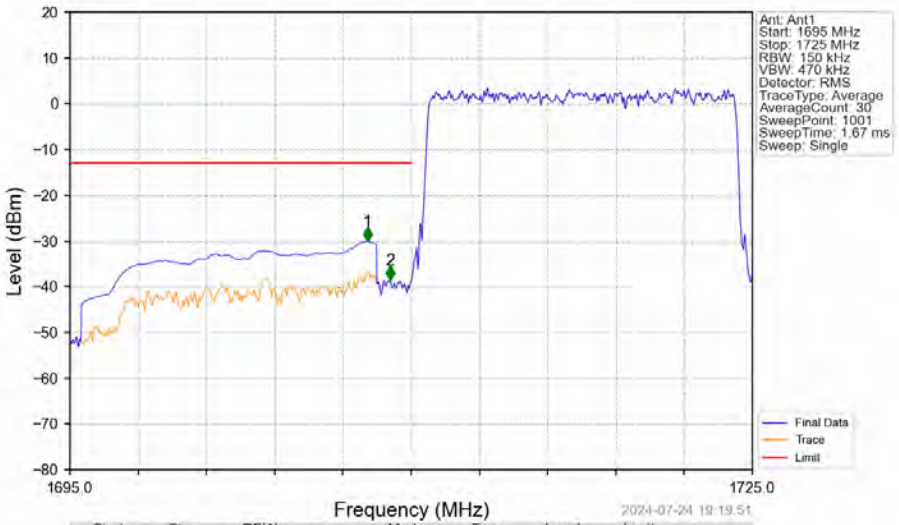
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

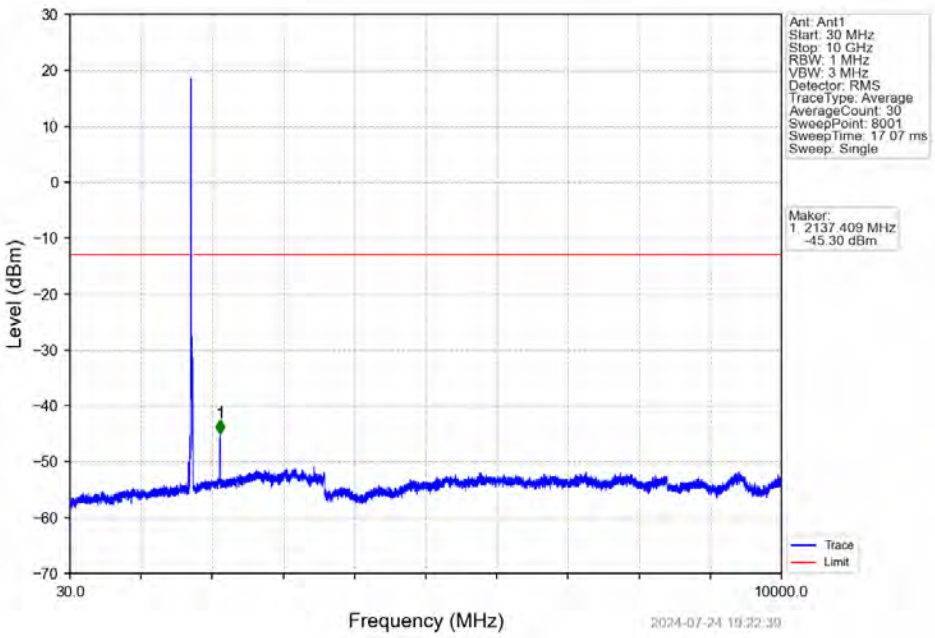


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

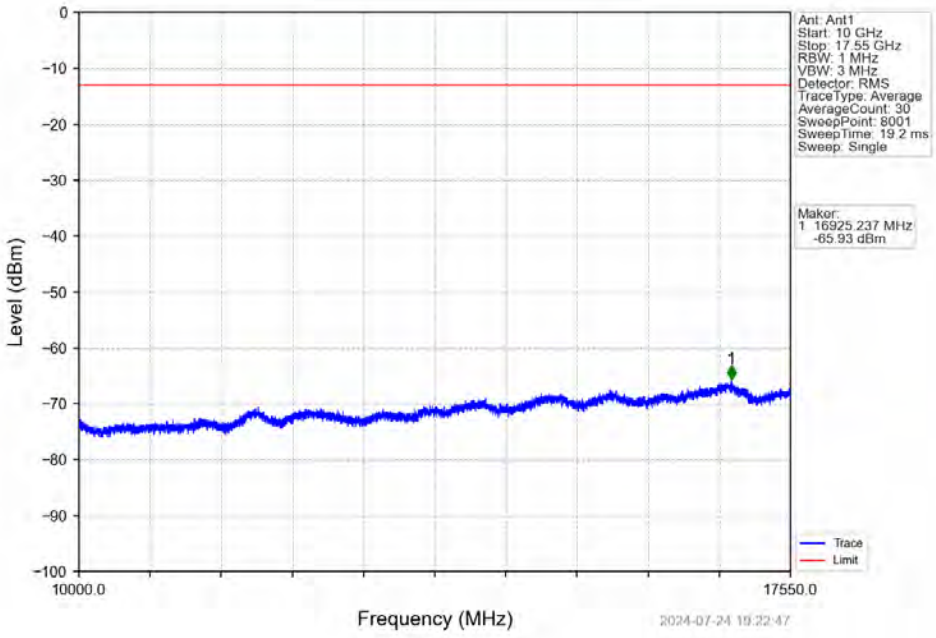


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.080	-30.12	-13	Pass
1709	1710	0.15	/	2	1709.070	-38.58	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

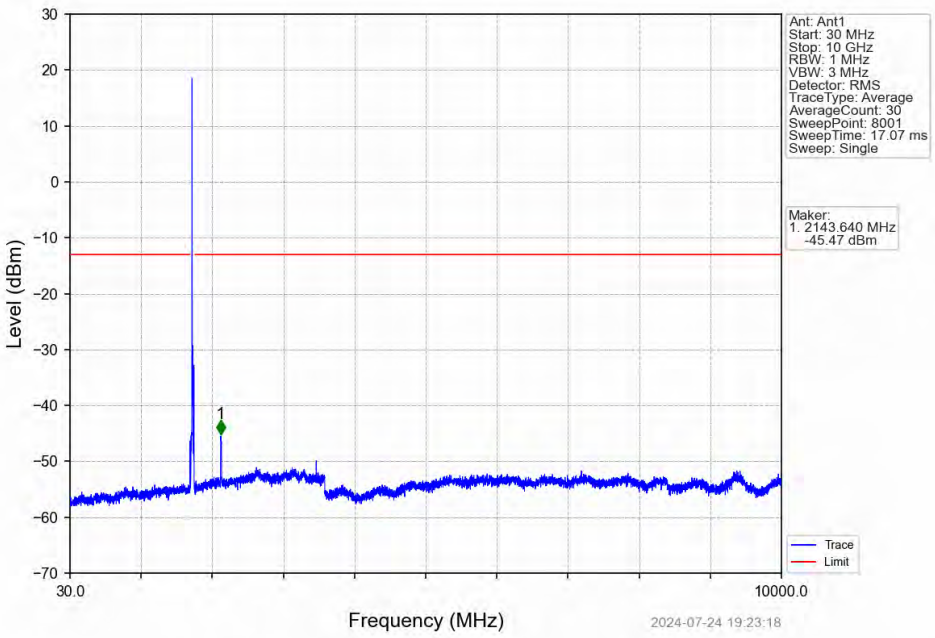
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



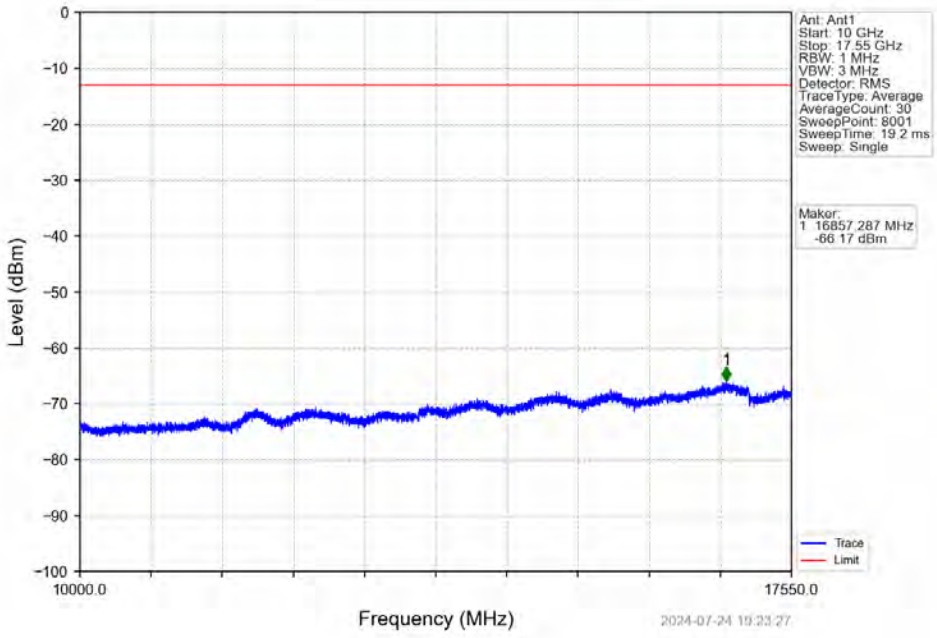
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



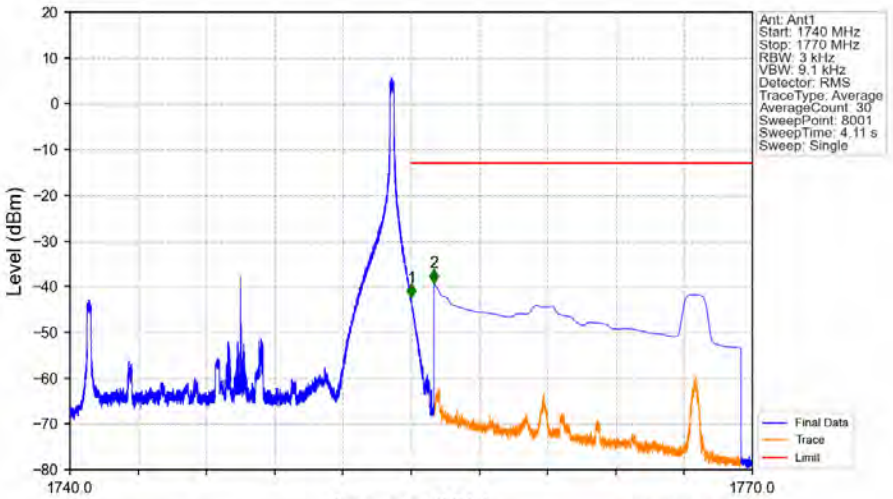
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

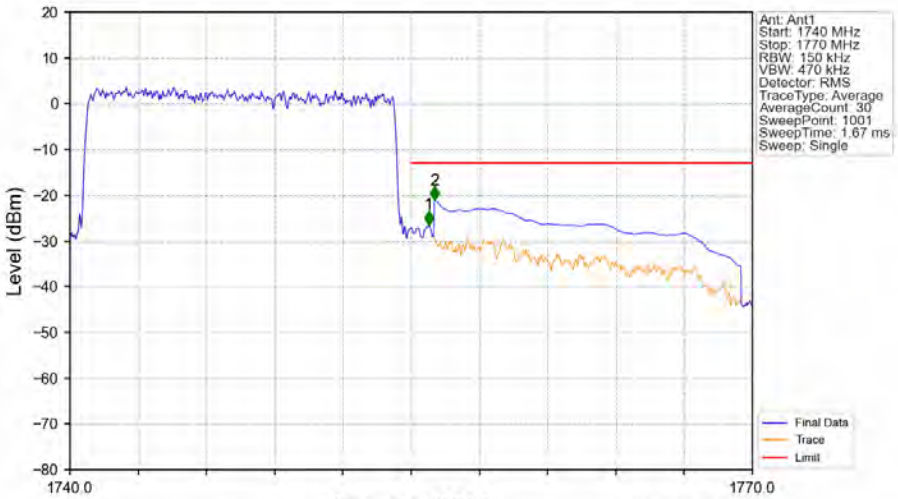


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



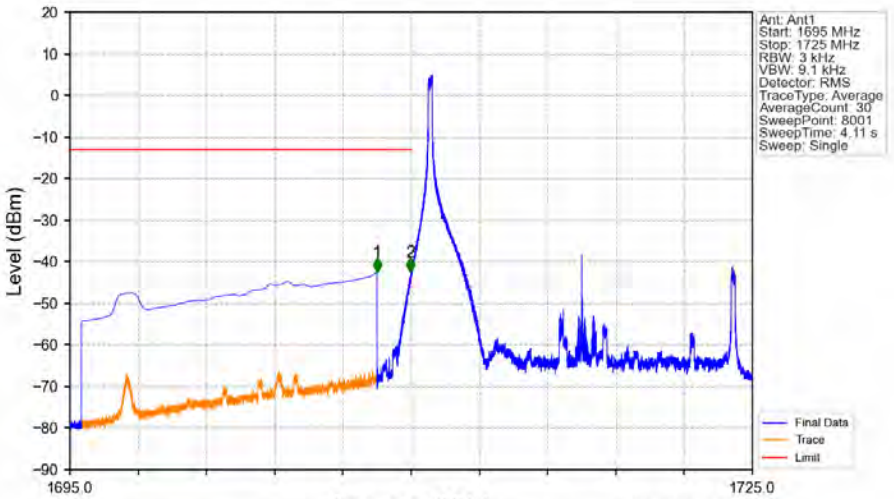
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-42.46	-13	Pass
1756	1770	1	CHP	2	1756.001	-39.17	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



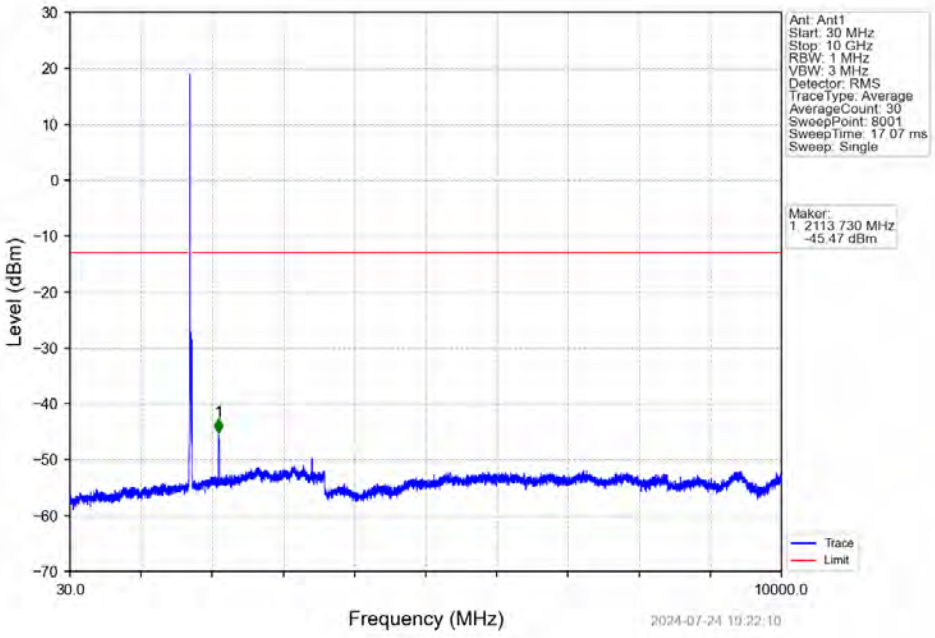
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.780	-26.48	-13	Pass
1756	1770	1	CHP	2	1756.020	-21.06	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

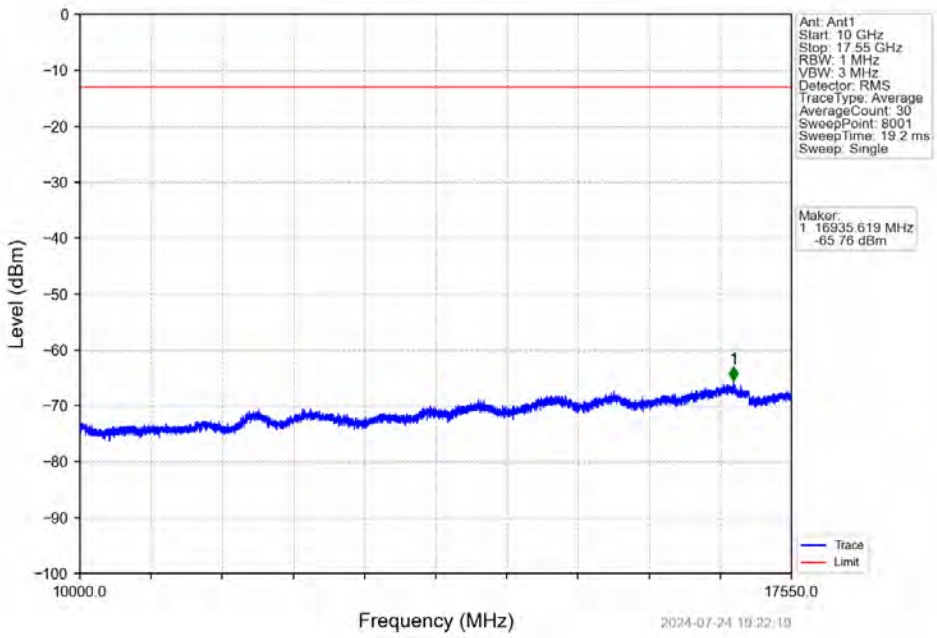


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.496	-42.56	-13	Pass
1709	1710	0.003	/	2	1709.981	-42.48	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

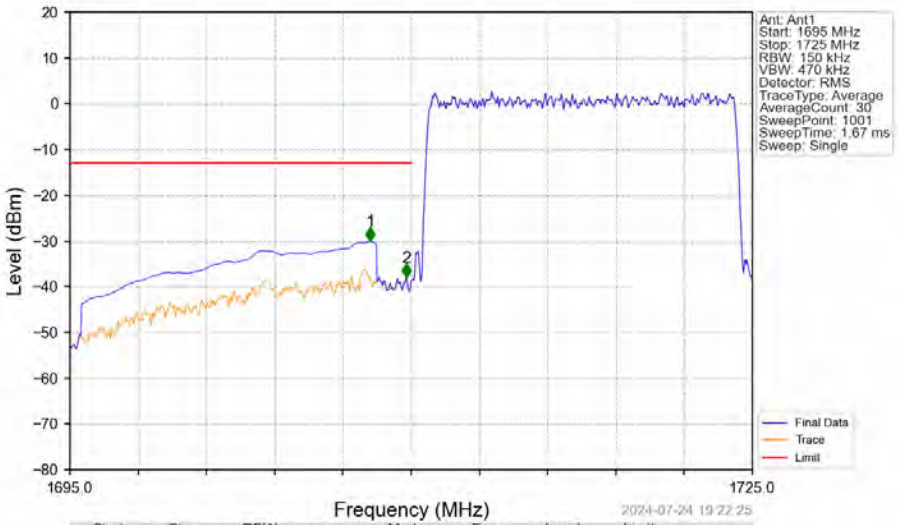
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

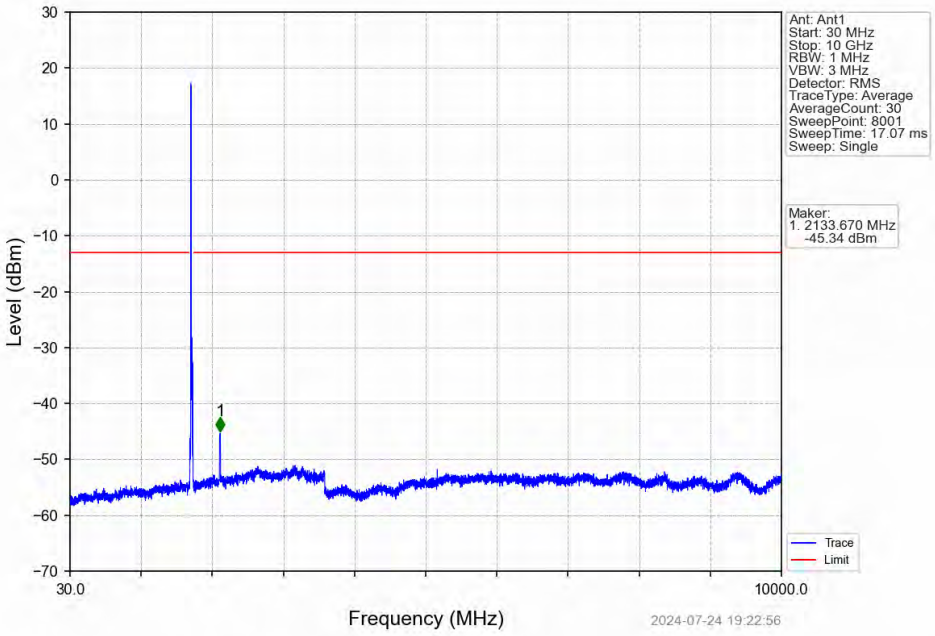


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

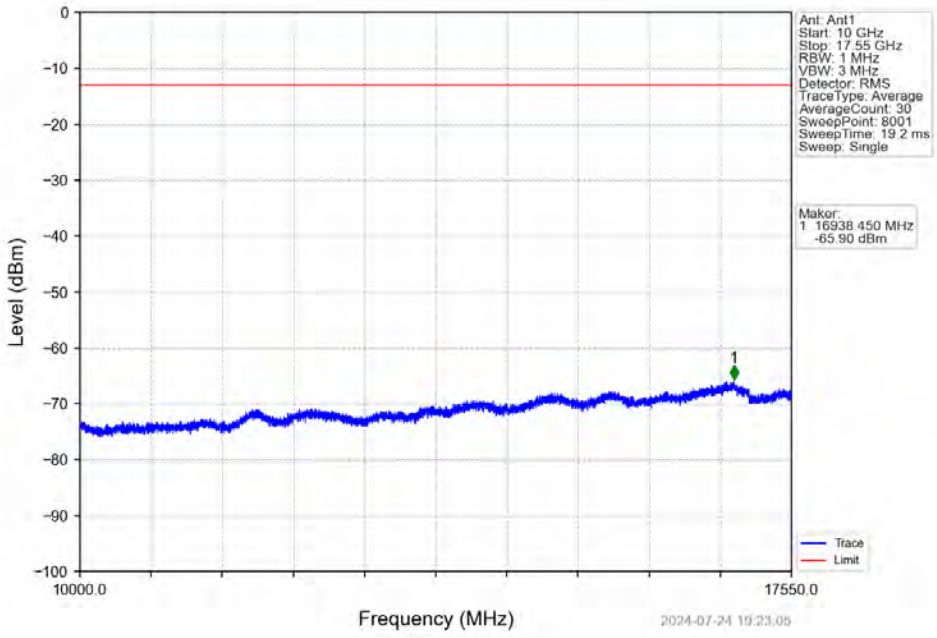


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.200	-30.14	-13	Pass
1709	1710	0.15	/	2	1709.790	-38.08	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

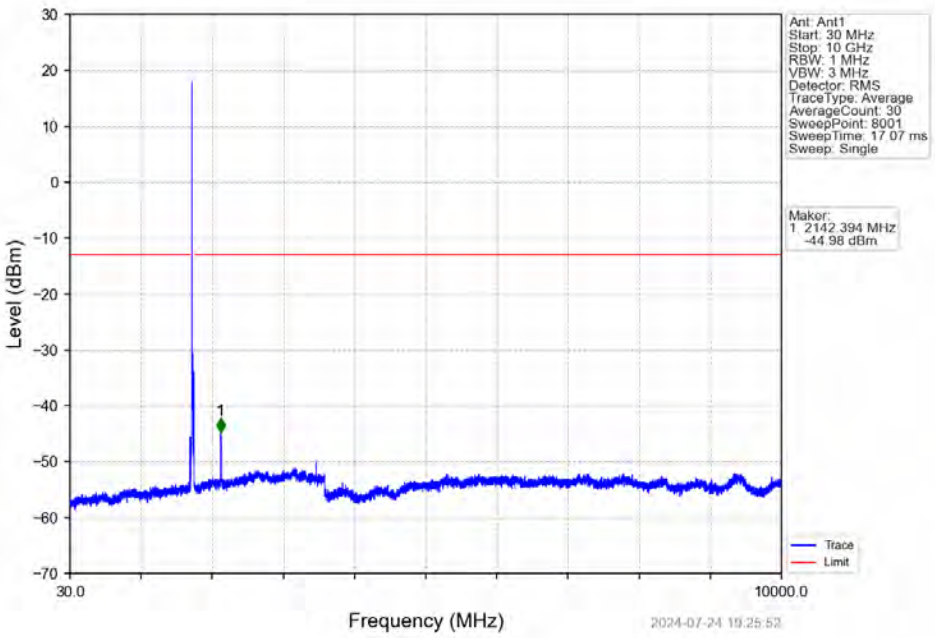
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



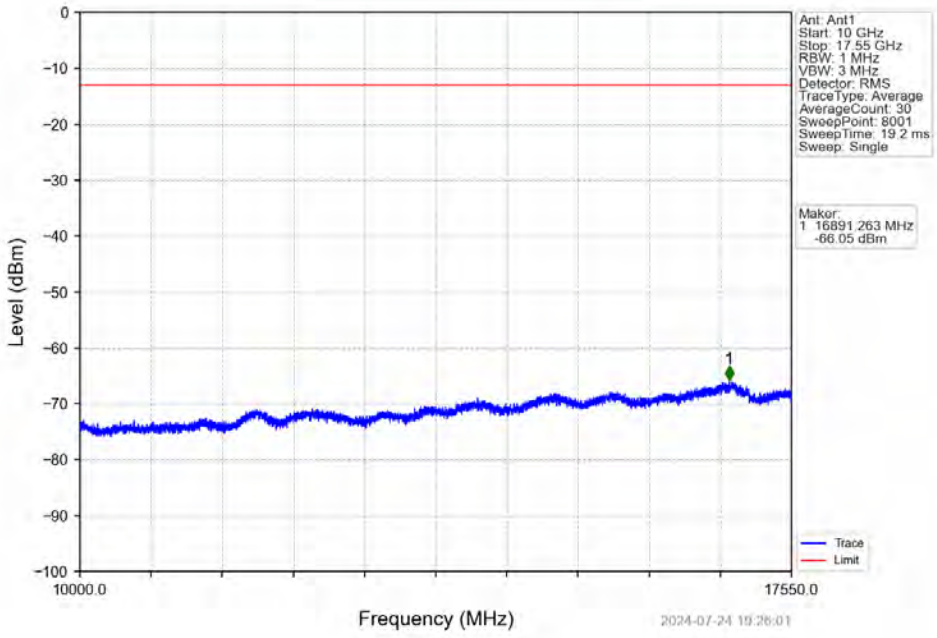
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



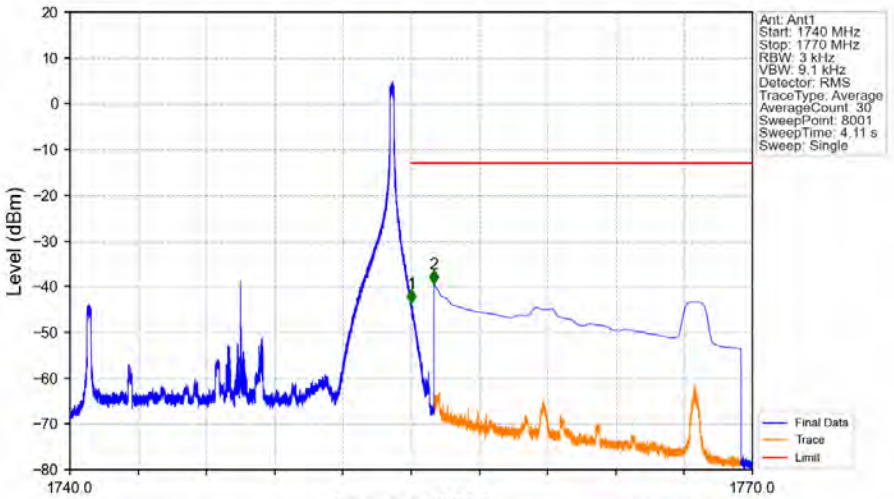
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

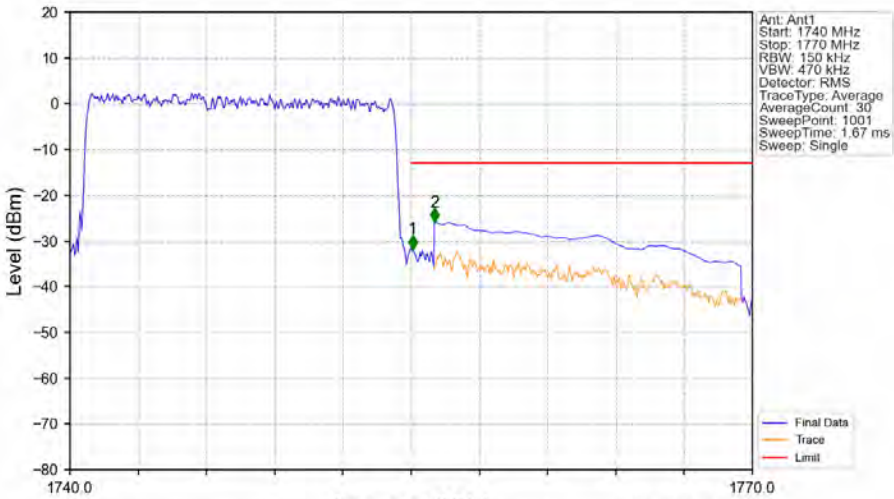


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



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	-43.64	-13	Pass
1756	1770	1	CHP	2	1756.001	-39.45	-13	Pass

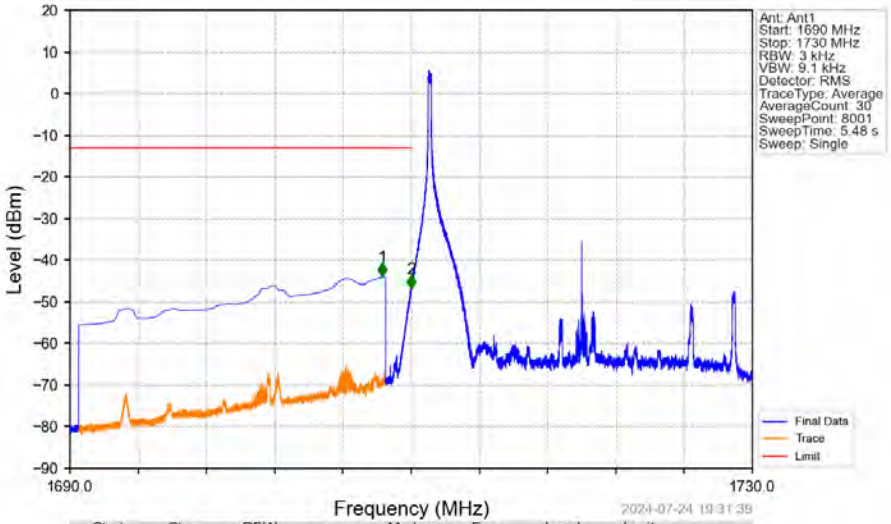
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	/	/	/	/	/	/
1755	1756	0.15	/	1	1755.060	-31.77	-13	Pass
1756	1770	1	CHP	2	1756.020	-25.93	-13	Pass

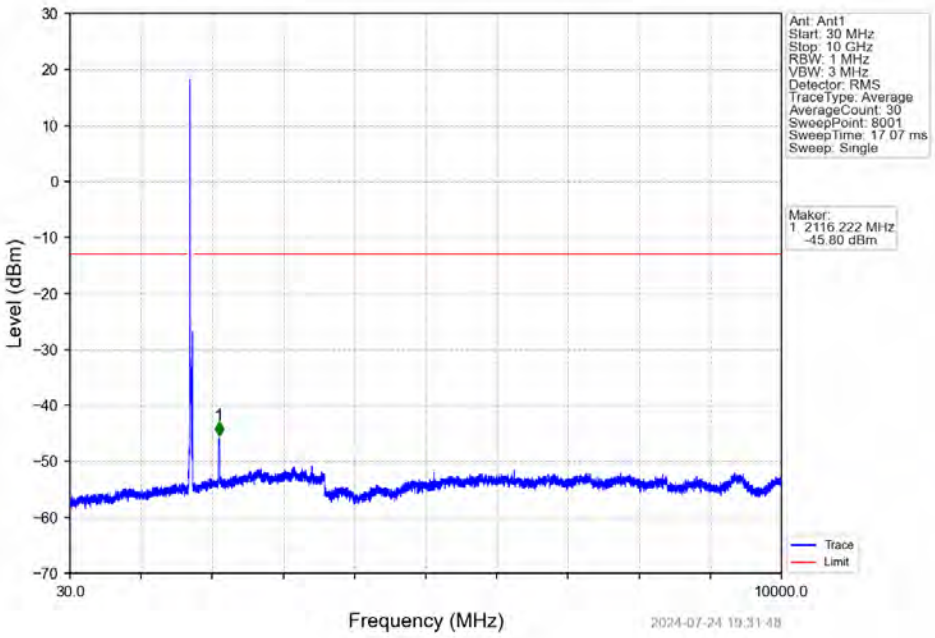
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

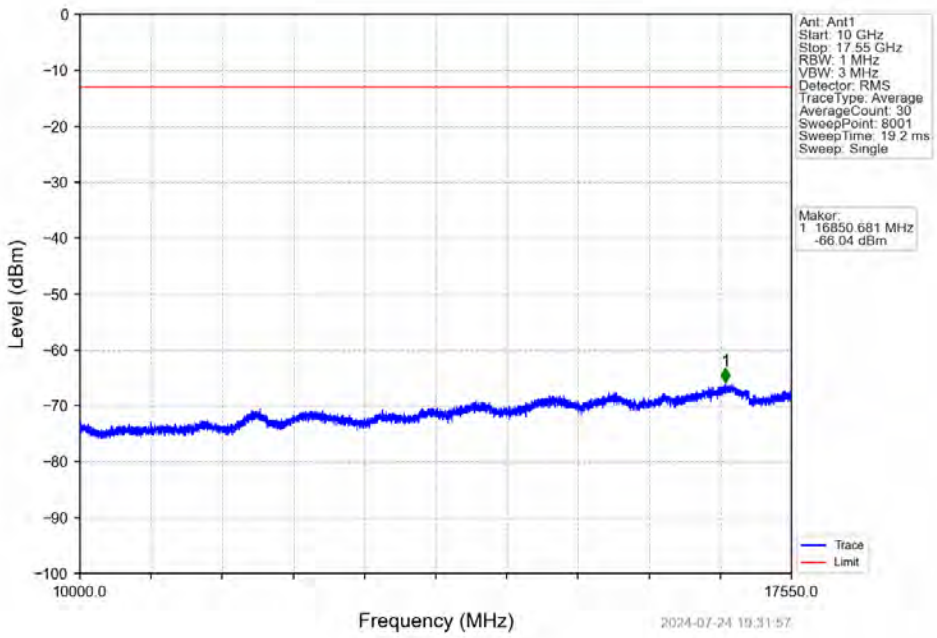


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.310	-44.03	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.92	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

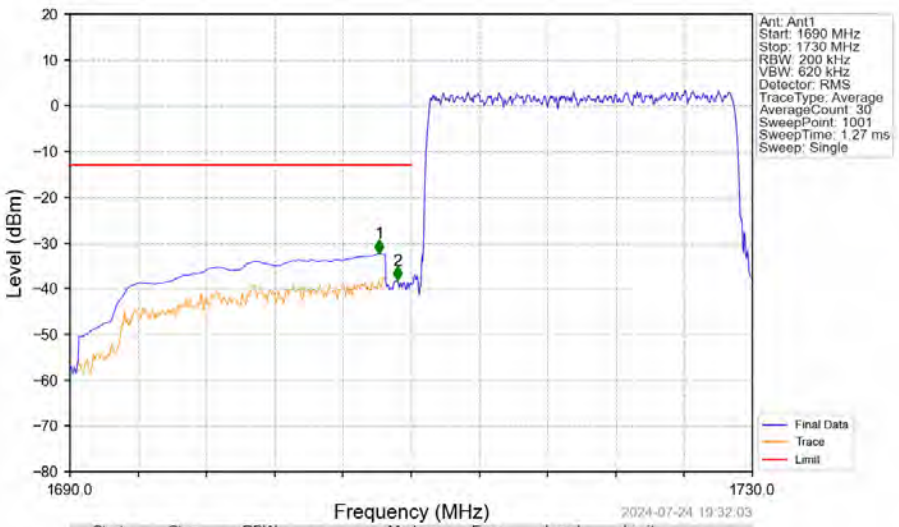
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

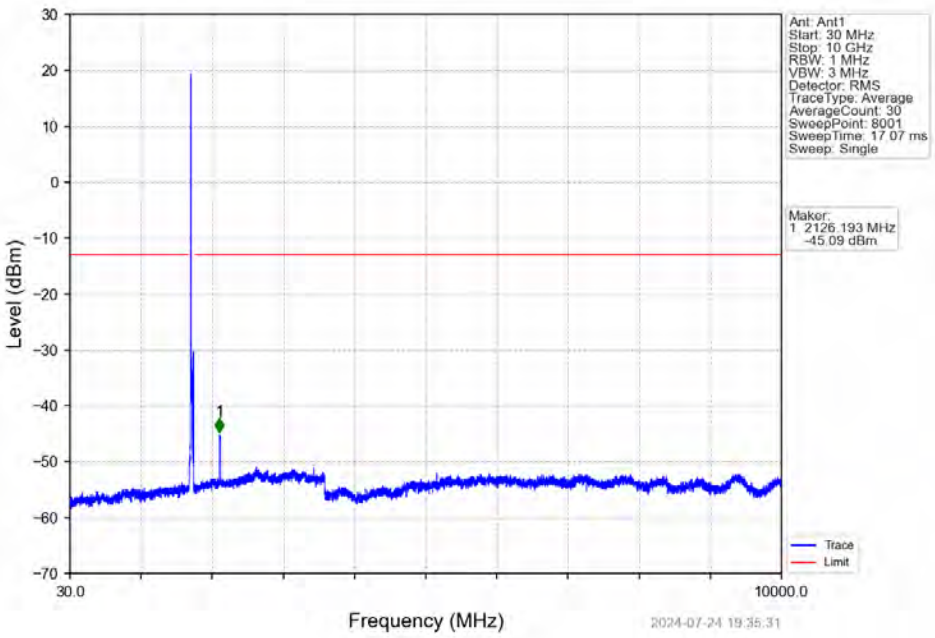


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

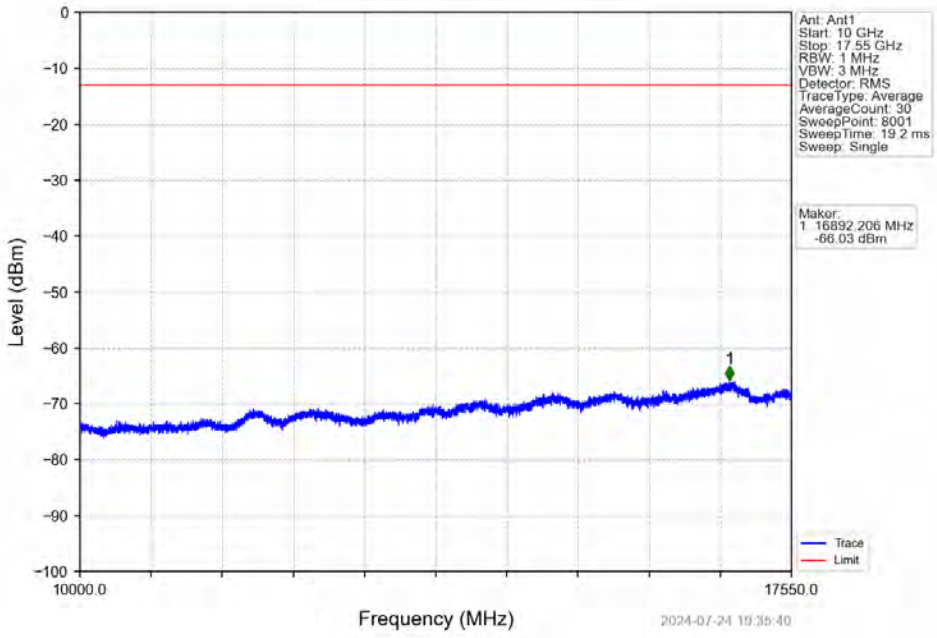


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.120	-32.32	-13	Pass
1709	1710	0.2	/	2	1709.200	-38.19	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

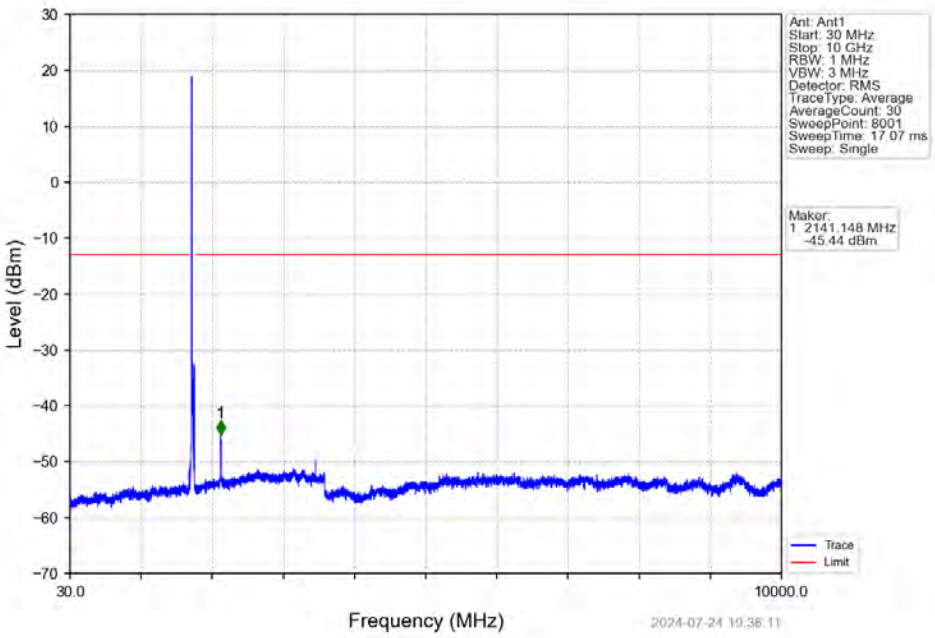
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



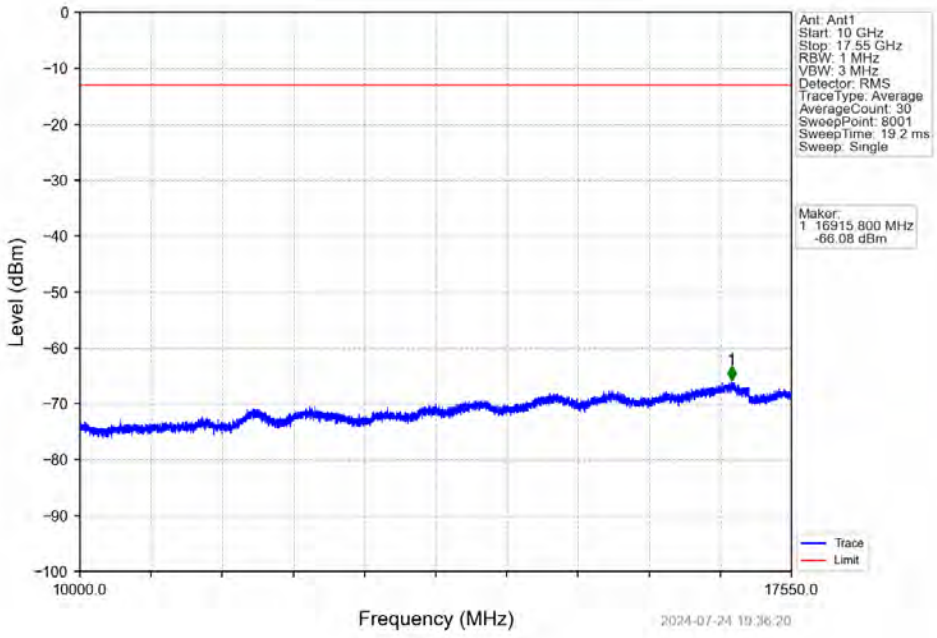
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



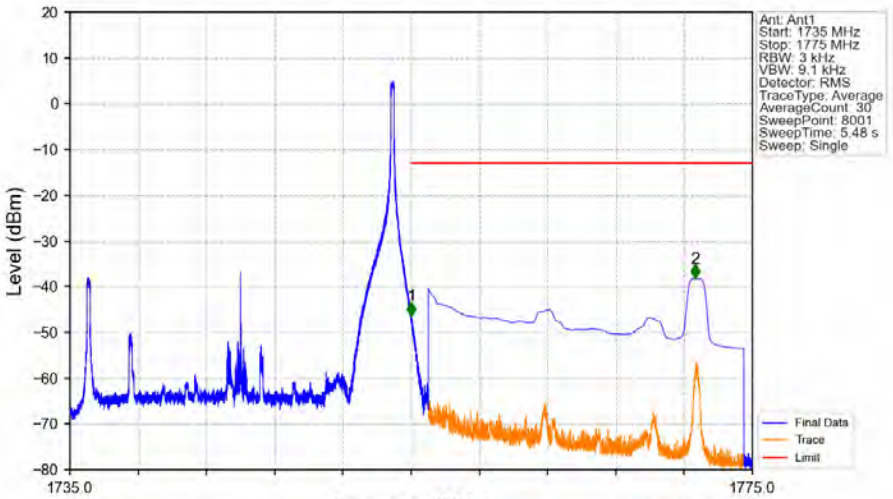
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

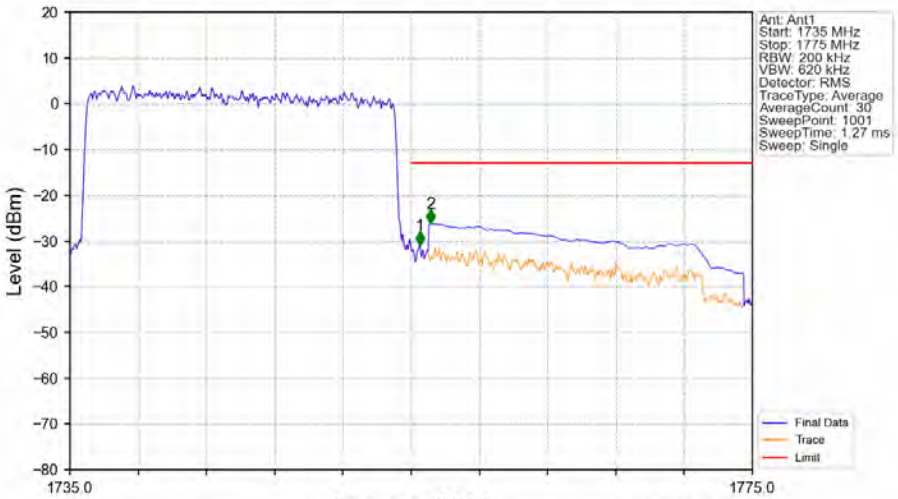


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



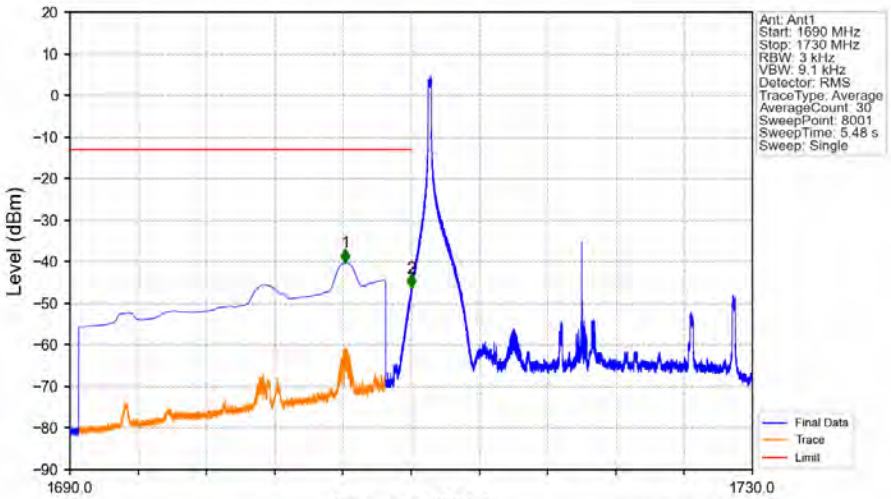
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-46.43	-13	Pass
1756	1775	1	CHP	2	1771.655	-38.25	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



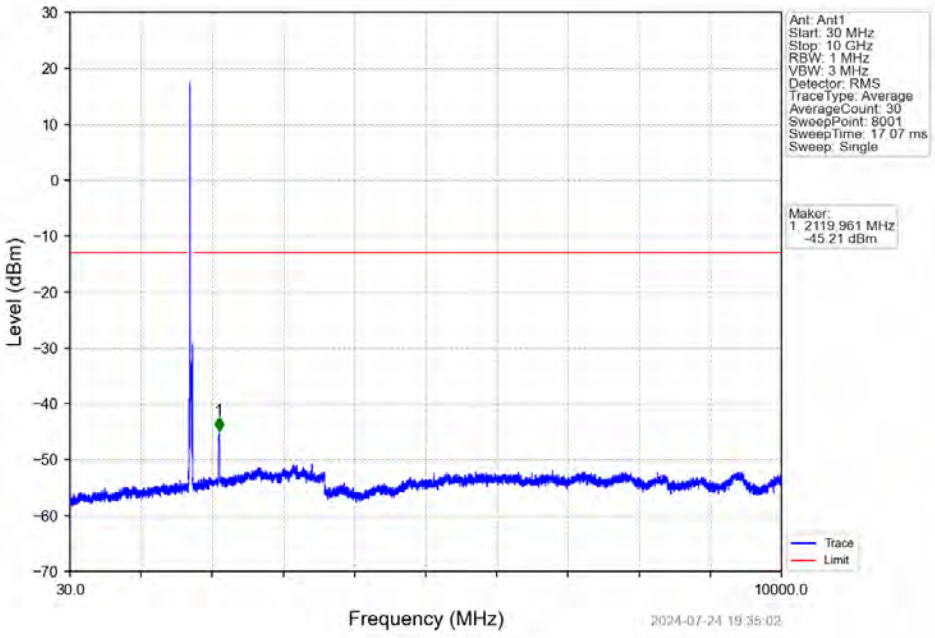
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.520	-30.92	-13	Pass
1756	1775	1	CHP	2	1756.120	-26.25	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

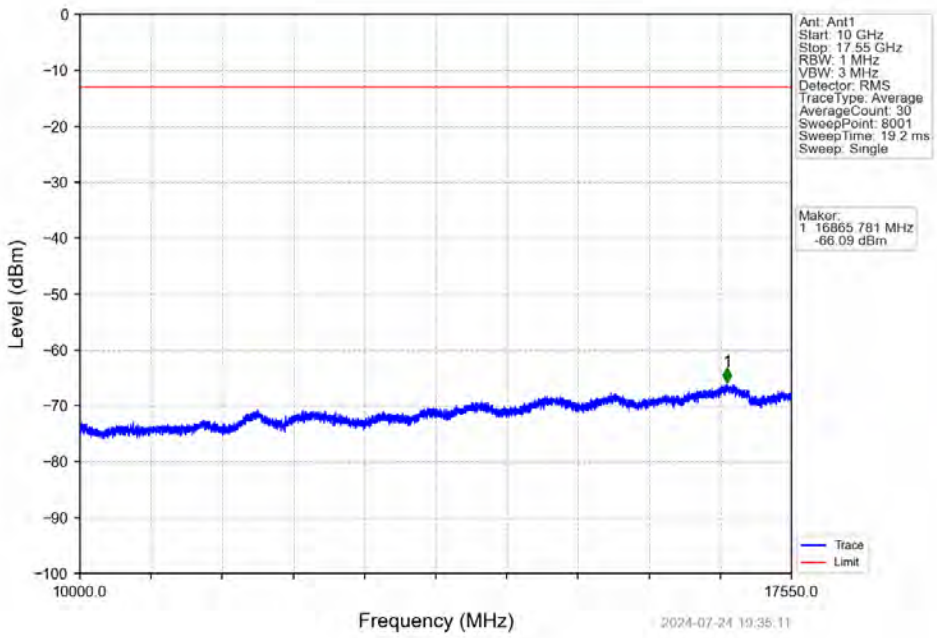


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.140	-40.26	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.43	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

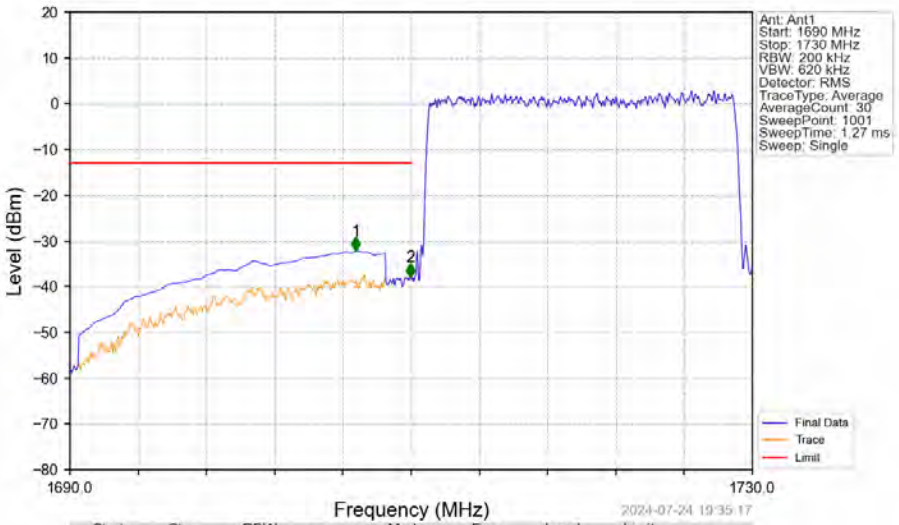
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

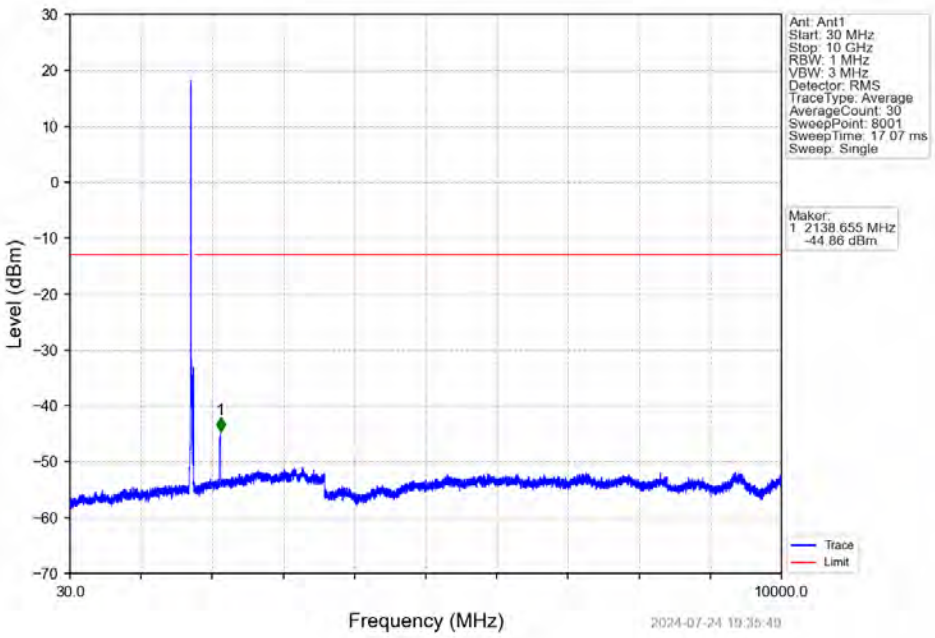


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

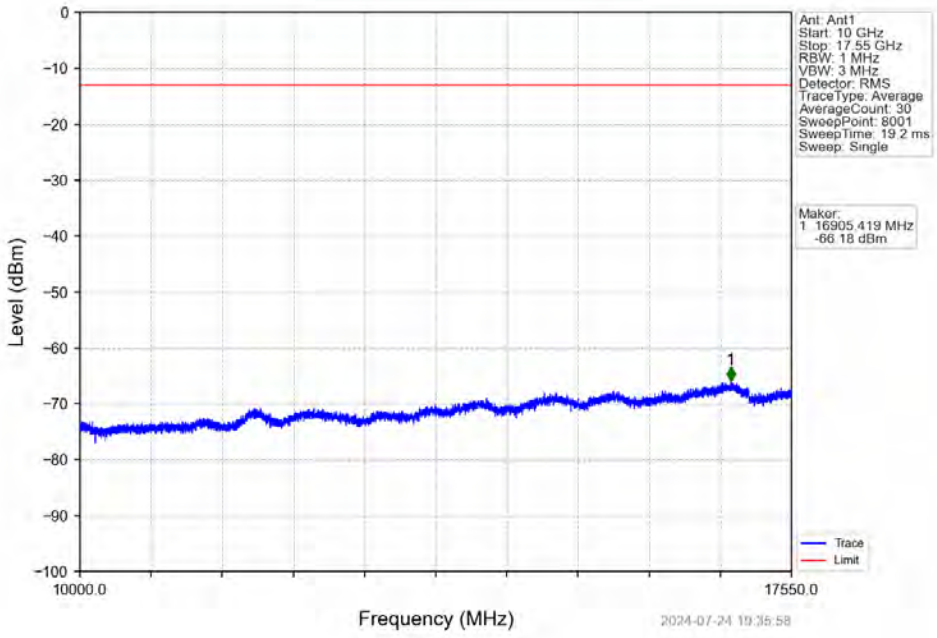


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.760	-32.20	-13	Pass
1709	1710	0.2	/	2	1709.960	-37.93	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

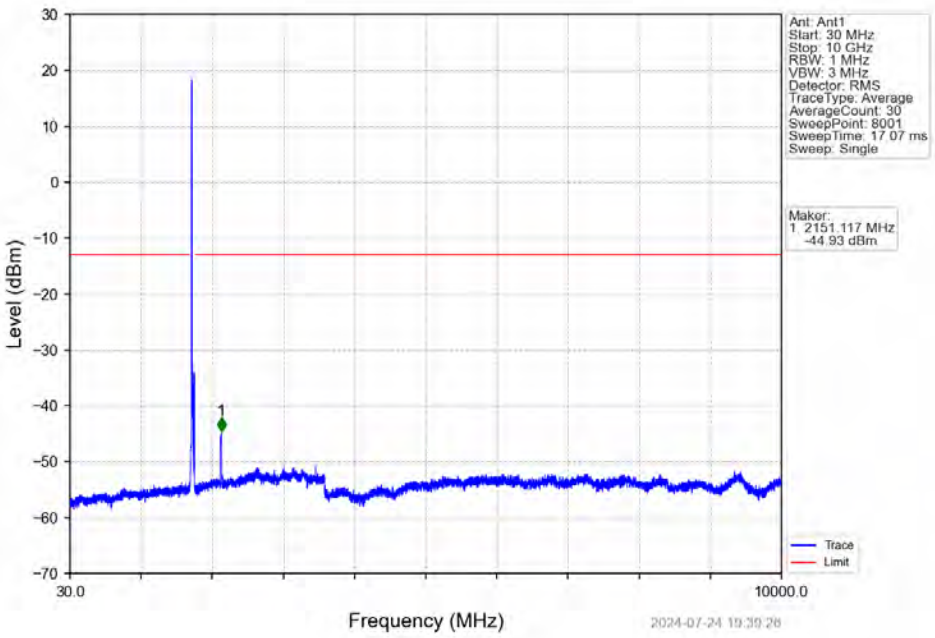
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



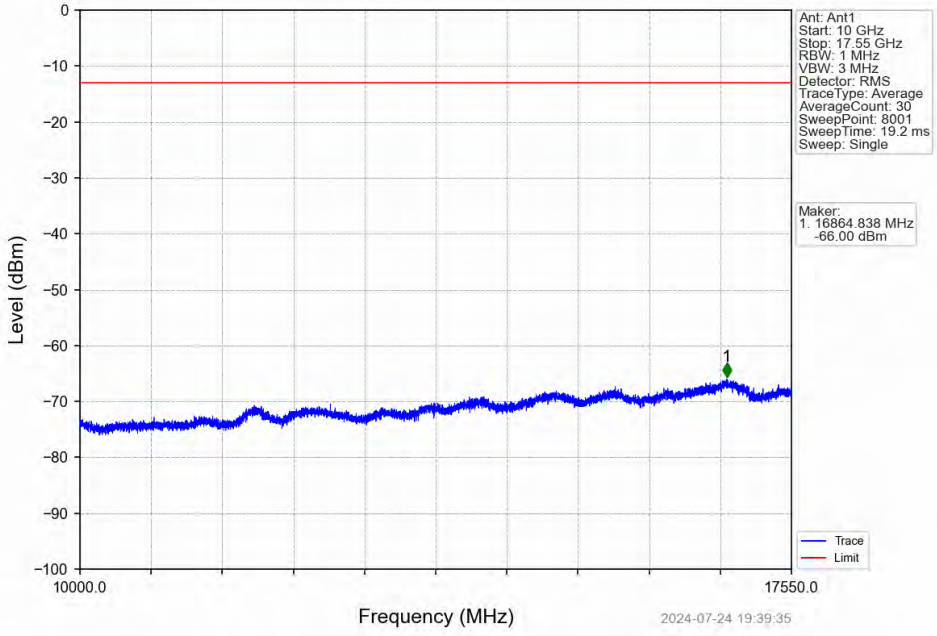
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



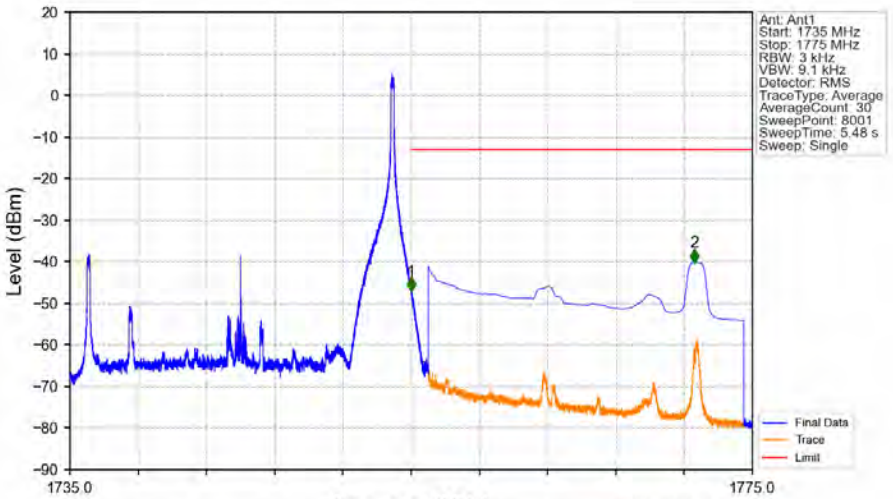
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

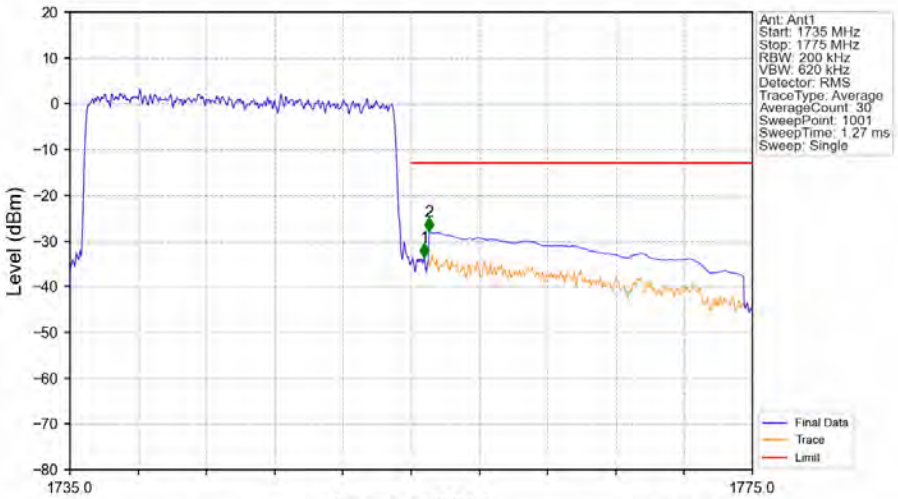


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



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	1755.000	-47.11	-13	Pass
1756	1775	1	CHP	2	1771.600	-40.26	-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	1755.760	-33.56	-13	Pass
1756	1775	1	CHP	2	1756.040	-28.00	-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	0.1507	0.0097	ppm	1M12G7D	27L	21.78
4	1.4	1710.7	1754.3	0.1276	0.0065	ppm	1M12W7D	27L	21.06
4	3	1711.5	1753.5	0.1371	0.0065	ppm	2M74G7D	27L	21.37
4	3	1711.5	1753.5	0.1164	0.0063	ppm	2M73W7D	27L	20.66
4	5	1712.5	1752.5	0.1340	0.0058	ppm	4M56G7D	27L	21.27
4	5	1712.5	1752.5	0.1084	0.0065	ppm	4M55W7D	27L	20.35
4	10	1715	1750	0.1563	0.0060	ppm	9M08G7D	27L	21.94
4	10	1715	1750	0.1253	0.0074	ppm	9M07W7D	27L	20.98
4	15	1717.5	1747.5	0.1538	0.0068	ppm	13M6G7D	27L	21.87
4	15	1717.5	1747.5	0.1343	0.0054	ppm	13M6W7D	27L	21.28
4	20	1720	1745	0.1563	0.0042	ppm	18M1G7D	27L	21.94
4	20	1720	1745	0.1374	0.0060	ppm	18M2W7D	27L	21.38

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	0.0586	0.0097	ppm	1M12G7D	27L	17.68
4	1.4	1710.7	1754.3	0.0497	0.0065	ppm	1M12W7D	27L	16.96
4	3	1711.5	1753.5	0.0533	0.0065	ppm	2M74G7D	27L	17.27
4	3	1711.5	1753.5	0.0453	0.0063	ppm	2M73W7D	27L	16.56
4	5	1712.5	1752.5	0.0521	0.0058	ppm	4M56G7D	27L	17.17
4	5	1712.5	1752.5	0.0422	0.0065	ppm	4M55W7D	27L	16.25
4	10	1715	1750	0.0608	0.0060	ppm	9M08G7D	27L	17.84
4	10	1715	1750	0.0488	0.0074	ppm	9M07W7D	27L	16.88
4	15	1717.5	1747.5	0.0598	0.0068	ppm	13M6G7D	27L	17.77
4	15	1717.5	1747.5	0.0522	0.0054	ppm	13M6W7D	27L	17.18
4	20	1720	1745	0.0608	0.0042	ppm	18M1G7D	27L	17.84
4	20	1720	1745	0.0535	0.0060	ppm	18M2W7D	27L	17.28