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	21.35	0.64	21.99	<=30	Pass
			2	21.31	0.64	21.95	<=30	Pass
			5	21.29	0.64	21.93	<=30	Pass
		3	0	21.35	0.64	21.99	<=30	Pass
			2	21.27	0.64	21.91	<=30	Pass
			3	21.36	0.64	22.00	<=30	Pass
		6	0	20.36	0.64	21.00	<=30	Pass
	1732.5	1	0	21.27	0.64	21.91	<=30	Pass
			2	21.41	0.64	22.05	<=30	Pass
			5	21.44	0.64	22.08	<=30	Pass
		3	0	21.28	0.64	21.92	<=30	Pass
			2	21.31	0.64	21.95	<=30	Pass
			3	21.35	0.64	21.99	<=30	Pass
		6	0	20.27	0.64	20.91	<=30	Pass
	1754.3	1	0	21.41	0.64	22.05	<=30	Pass
			2	21.41	0.64	22.05	<=30	Pass
			5	21.43	0.64	22.07	<=30	Pass
		3	0	21.43	0.64	22.07	<=30	Pass
			2	21.36	0.64	22.00	<=30	Pass
			3	21.44	0.64	22.08	<=30	Pass
		6	0	20.23	0.64	20.87	<=30	Pass
16QAM	1710.7	1	0	20.32	0.64	20.96	<=30	Pass
			2	20.31	0.64	20.95	<=30	Pass
			5	20.35	0.64	20.99	<=30	Pass
		3	0	20.18	0.64	20.82	<=30	Pass
			2	20.20	0.64	20.84	<=30	Pass
			3	20.17	0.64	20.81	<=30	Pass
		6	0	19.43	0.64	20.07	<=30	Pass
	1732.5	1	0	21.11	0.64	21.75	<=30	Pass
			2	21.10	0.64	21.74	<=30	Pass
			5	21.07	0.64	21.71	<=30	Pass
		3	0	20.54	0.64	21.18	<=30	Pass
			2	20.53	0.64	21.17	<=30	Pass
			3	20.60	0.64	21.24	<=30	Pass
		6	0	19.55	0.64	20.19	<=30	Pass
	1754.3	1	0	21.18	0.64	21.82	<=30	Pass
			2	21.16	0.64	21.80	<=30	Pass
			5	21.11	0.64	21.75	<=30	Pass
		3	0	20.04	0.64	20.68	<=30	Pass
			2	20.06	0.64	20.70	<=30	Pass
			3	20.00	0.64	20.64	<=30	Pass
		6	0	19.45	0.64	20.09	<=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	21.37	0.64	22.01	<=30	Pass
			7	21.33	0.64	21.97	<=30	Pass
			14	21.34	0.64	21.98	<=30	Pass
		8	0	20.29	0.64	20.93	<=30	Pass
			4	20.29	0.64	20.93	<=30	Pass
			7	20.40	0.64	21.04	<=30	Pass
		15	0	20.45	0.64	21.09	<=30	Pass
	1732.5	1	0	21.25	0.64	21.89	<=30	Pass
			7	21.28	0.64	21.92	<=30	Pass
			14	21.30	0.64	21.94	<=30	Pass
		8	0	20.36	0.64	21.00	<=30	Pass
			4	20.30	0.64	20.94	<=30	Pass
			7	20.32	0.64	20.96	<=30	Pass
		15	0	20.33	0.64	20.97	<=30	Pass
	1753.5	1	0	21.30	0.64	21.94	<=30	Pass
			7	21.29	0.64	21.93	<=30	Pass
			14	21.30	0.64	21.94	<=30	Pass
		8	0	20.42	0.64	21.06	<=30	Pass
			4	20.51	0.64	21.15	<=30	Pass
			7	20.42	0.64	21.06	<=30	Pass
		15	0	20.37	0.64	21.01	<=30	Pass
16QAM	1711.5	1	0	20.35	0.64	20.99	<=30	Pass
			7	20.35	0.64	20.99	<=30	Pass
			14	20.29	0.64	20.93	<=30	Pass
		8	0	19.62	0.64	20.26	<=30	Pass
			4	19.60	0.64	20.24	<=30	Pass
			7	19.63	0.64	20.27	<=30	Pass
		15	0	19.43	0.64	20.07	<=30	Pass
	1732.5	1	0	21.59	0.64	22.23	<=30	Pass
			7	21.60	0.64	22.24	<=30	Pass
			14	21.61	0.64	22.25	<=30	Pass
		8	0	19.51	0.64	20.15	<=30	Pass
			4	19.56	0.64	20.20	<=30	Pass
			7	19.52	0.64	20.16	<=30	Pass
		15	0	19.45	0.64	20.09	<=30	Pass
	1753.5	1	0	21.01	0.64	21.65	<=30	Pass
			7	20.98	0.64	21.62	<=30	Pass
			14	20.94	0.64	21.58	<=30	Pass
		8	0	19.60	0.64	20.24	<=30	Pass
			4	19.59	0.64	20.23	<=30	Pass
			7	19.62	0.64	20.26	<=30	Pass
		15	0	19.49	0.64	20.13	<=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	21.35	0.64	21.99	<=30	Pass
			13	21.16	0.64	21.80	<=30	Pass
			24	21.20	0.64	21.84	<=30	Pass
		12	0	20.38	0.64	21.02	<=30	Pass
			6	20.22	0.64	20.86	<=30	Pass
			13	20.30	0.64	20.94	<=30	Pass

		25	0	20.25	0.64	20.89	<=30	Pass
	1732.5	1	0	21.22	0.64	21.86	<=30	Pass
			13	21.30	0.64	21.94	<=30	Pass
			24	21.26	0.64	21.90	<=30	Pass
		12	0	20.31	0.64	20.95	<=30	Pass
			6	20.20	0.64	20.84	<=30	Pass
			13	20.26	0.64	20.90	<=30	Pass
		25	0	20.30	0.64	20.94	<=30	Pass
	1752.5	1	0	21.41	0.64	22.05	<=30	Pass
			13	21.40	0.64	22.04	<=30	Pass
			24	21.35	0.64	21.99	<=30	Pass
		12	0	20.32	0.64	20.96	<=30	Pass
			6	20.48	0.64	21.12	<=30	Pass
			13	20.40	0.64	21.04	<=30	Pass
		25	0	20.38	0.64	21.02	<=30	Pass
16QAM	1712.5	1	0	20.91	0.64	21.55	<=30	Pass
			13	20.86	0.64	21.50	<=30	Pass
			24	20.88	0.64	21.52	<=30	Pass
		12	0	19.27	0.64	19.91	<=30	Pass
			6	19.43	0.64	20.07	<=30	Pass
			13	19.34	0.64	19.98	<=30	Pass
		25	0	19.44	0.64	20.08	<=30	Pass
	1732.5	1	0	20.94	0.64	21.58	<=30	Pass
			13	20.92	0.64	21.56	<=30	Pass
			24	20.87	0.64	21.51	<=30	Pass
		12	0	19.44	0.64	20.08	<=30	Pass
			6	19.48	0.64	20.12	<=30	Pass
			13	19.43	0.64	20.07	<=30	Pass
		25	0	19.40	0.64	20.04	<=30	Pass
	1752.5	1	0	19.99	0.64	20.63	<=30	Pass
			13	20.09	0.64	20.73	<=30	Pass
			24	20.08	0.64	20.72	<=30	Pass
		12	0	19.43	0.64	20.07	<=30	Pass
			6	19.42	0.64	20.06	<=30	Pass
			13	19.41	0.64	20.05	<=30	Pass
		25	0	19.49	0.64	20.13	<=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	21.32	0.64	21.96	<=30	Pass
			25	21.26	0.64	21.90	<=30	Pass
			49	21.31	0.64	21.95	<=30	Pass
		25	0	20.31	0.64	20.95	<=30	Pass
			13	20.40	0.64	21.04	<=30	Pass
			25	20.40	0.64	21.04	<=30	Pass
		50	0	20.42	0.64	21.06	<=30	Pass
	1732.5	1	0	21.36	0.64	22.00	<=30	Pass
			25	21.43	0.64	22.07	<=30	Pass
			49	21.45	0.64	22.09	<=30	Pass
		25	0	20.36	0.64	21.00	<=30	Pass
			13	20.31	0.64	20.95	<=30	Pass
			25	20.42	0.64	21.06	<=30	Pass
		50	0	20.24	0.64	20.88	<=30	Pass

	1750	1	0	21.25	0.64	21.89	<=30	Pass
			25	21.41	0.64	22.05	<=30	Pass
			49	21.32	0.64	21.96	<=30	Pass
		25	0	20.41	0.64	21.05	<=30	Pass
			13	20.44	0.64	21.08	<=30	Pass
			25	20.32	0.64	20.96	<=30	Pass
		50	0	20.35	0.64	20.99	<=30	Pass
16QAM	1715	1	0	20.62	0.64	21.26	<=30	Pass
			25	20.65	0.64	21.29	<=30	Pass
			49	20.61	0.64	21.25	<=30	Pass
		25	0	19.55	0.64	20.19	<=30	Pass
			13	19.92	0.64	20.56	<=30	Pass
			25	19.52	0.64	20.16	<=30	Pass
		50	0	19.80	0.64	20.44	<=30	Pass
	1732.5	1	0	20.98	0.64	21.62	<=30	Pass
			25	21.00	0.64	21.64	<=30	Pass
			49	21.05	0.64	21.69	<=30	Pass
		25	0	19.51	0.64	20.15	<=30	Pass
			13	19.50	0.64	20.14	<=30	Pass
			25	19.51	0.64	20.15	<=30	Pass
		50	0	19.50	0.64	20.14	<=30	Pass
	1750	1	0	21.07	0.64	21.71	<=30	Pass
			25	21.20	0.64	21.84	<=30	Pass
			49	21.12	0.64	21.76	<=30	Pass
		25	0	19.31	0.64	19.95	<=30	Pass
			13	19.50	0.64	20.14	<=30	Pass
			25	19.39	0.64	20.03	<=30	Pass
		50	0	19.52	0.64	20.16	<=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	21.15	0.64	21.79	<=30	Pass
			38	21.10	0.64	21.74	<=30	Pass
			74	21.14	0.64	21.78	<=30	Pass
		36	0	20.39	0.64	21.03	<=30	Pass
			18	20.36	0.64	21.00	<=30	Pass
			39	20.29	0.64	20.93	<=30	Pass
		75	0	20.29	0.64	20.93	<=30	Pass
	1732.5	1	0	21.38	0.64	22.02	<=30	Pass
			38	21.42	0.64	22.06	<=30	Pass
			74	21.44	0.64	22.08	<=30	Pass
		36	0	20.30	0.64	20.94	<=30	Pass
			18	20.25	0.64	20.89	<=30	Pass
			39	20.42	0.64	21.06	<=30	Pass
		75	0	20.29	0.64	20.93	<=30	Pass
	1747.5	1	0	21.27	0.64	21.91	<=30	Pass
			38	21.24	0.64	21.88	<=30	Pass
			74	21.30	0.64	21.94	<=30	Pass
		36	0	20.32	0.64	20.96	<=30	Pass
			18	20.37	0.64	21.01	<=30	Pass
			39	20.24	0.64	20.88	<=30	Pass
		75	0	20.29	0.64	20.93	<=30	Pass
16QAM	1717.5	1	0	20.98	0.64	21.62	<=30	Pass

			38	21.05	0.64	21.69	<=30	Pass
			74	21.00	0.64	21.64	<=30	Pass
		36	0	19.74	0.64	20.38	<=30	Pass
			18	19.49	0.64	20.13	<=30	Pass
			39	19.47	0.64	20.11	<=30	Pass
		75	0	19.38	0.64	20.02	<=30	Pass
	1732.5	1	0	21.00	0.64	21.64	<=30	Pass
			38	21.03	0.64	21.67	<=30	Pass
			74	21.08	0.64	21.72	<=30	Pass
		36	0	19.49	0.64	20.13	<=30	Pass
			18	19.49	0.64	20.13	<=30	Pass
			39	19.46	0.64	20.10	<=30	Pass
		75	0	19.48	0.64	20.12	<=30	Pass
	1747.5	1	0	21.07	0.64	21.71	<=30	Pass
			38	21.15	0.64	21.79	<=30	Pass
			74	21.15	0.64	21.79	<=30	Pass
		36	0	19.47	0.64	20.11	<=30	Pass
			18	19.46	0.64	20.10	<=30	Pass
			39	19.53	0.64	20.17	<=30	Pass
		75	0	19.38	0.64	20.02	<=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	21.37	0.64	22.01	<=30	Pass
			50	21.37	0.64	22.01	<=30	Pass
			99	21.32	0.64	21.96	<=30	Pass
		50	0	20.42	0.64	21.06	<=30	Pass
			25	20.41	0.64	21.05	<=30	Pass
			50	20.27	0.64	20.91	<=30	Pass
		100	0	20.36	0.64	21.00	<=30	Pass
	1732.5	1	0	21.29	0.64	21.93	<=30	Pass
			50	21.32	0.64	21.96	<=30	Pass
			99	21.29	0.64	21.93	<=30	Pass
		50	0	20.41	0.64	21.05	<=30	Pass
			25	20.22	0.64	20.86	<=30	Pass
			50	20.39	0.64	21.03	<=30	Pass
		100	0	20.24	0.64	20.88	<=30	Pass
	1745	1	0	21.46	0.64	22.10	<=30	Pass
			50	21.55	0.64	22.19	<=30	Pass
			99	21.61	0.64	22.25	<=30	Pass
		50	0	20.28	0.64	20.92	<=30	Pass
			25	20.28	0.64	20.92	<=30	Pass
			50	20.32	0.64	20.96	<=30	Pass
		100	0	20.33	0.64	20.97	<=30	Pass
16QAM	1720	1	0	21.58	0.64	22.22	<=30	Pass
			50	21.67	0.64	22.31	<=30	Pass
			99	21.57	0.64	22.21	<=30	Pass
		50	0	19.73	0.64	20.37	<=30	Pass
			25	19.39	0.64	20.03	<=30	Pass
			50	19.35	0.64	19.99	<=30	Pass
		100	0	19.56	0.64	20.20	<=30	Pass
	1732.5	1	0	21.17	0.64	21.81	<=30	Pass
			50	21.13	0.64	21.77	<=30	Pass

			99	21.16	0.64	21.80	<=30	Pass
		50	0	19.50	0.64	20.14	<=30	Pass
			25	19.52	0.64	20.16	<=30	Pass
			50	19.53	0.64	20.17	<=30	Pass
		100	0	19.43	0.64	20.07	<=30	Pass
	1745	1	0	20.08	0.64	20.72	<=30	Pass
			50	20.19	0.64	20.83	<=30	Pass
			99	20.27	0.64	20.91	<=30	Pass
		50	0	19.39	0.64	20.03	<=30	Pass
			25	19.39	0.64	20.03	<=30	Pass
			50	19.51	0.64	20.15	<=30	Pass
		100	0	19.30	0.64	19.94	<=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	-35.005	-0.0205	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
					4.43	42.629	0.0249	-2.5 to 2.5	Pass
				-30	3.85	18.783	0.0110	-2.5 to 2.5	Pass
				-20	3.85	10.386	0.0061	-2.5 to 2.5	Pass
				-10	3.85	30.799	0.0180	-2.5 to 2.5	Pass
				0	3.85	9.499	0.0056	-2.5 to 2.5	Pass
				10	3.85	8.612	0.0050	-2.5 to 2.5	Pass
				30	3.85	41.456	0.0242	-2.5 to 2.5	Pass
				40	3.85	26.250	0.0153	-2.5 to 2.5	Pass
				50	3.85	2.503	0.0015	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	5.279	0.0030	-2.5 to 2.5	Pass
					3.85	-18.368	-0.0106	-2.5 to 2.5	Pass
					4.43	2.832	0.0016	-2.5 to 2.5	Pass
				-30	3.85	20.599	0.0119	-2.5 to 2.5	Pass
				-20	3.85	17.266	0.0100	-2.5 to 2.5	Pass
				-10	3.85	31.128	0.0180	-2.5 to 2.5	Pass
				0	3.85	31.815	0.0184	-2.5 to 2.5	Pass
				10	3.85	27.680	0.0160	-2.5 to 2.5	Pass
				30	3.85	15.993	0.0092	-2.5 to 2.5	Pass
				40	3.85	28.539	0.0165	-2.5 to 2.5	Pass
				50	3.85	4.377	0.0025	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	18.554	0.0106	-2.5 to 2.5	Pass
					3.85	6.394	0.0036	-2.5 to 2.5	Pass
					4.43	-17.252	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-26.221	-0.0149	-2.5 to 2.5	Pass
				-20	3.85	-26.507	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-21.329	-0.0122	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				10	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	11.702	0.0068	-2.5 to 2.5	Pass
					3.85	37.665	0.0220	-2.5 to 2.5	Pass
					4.43	42.386	0.0248	-2.5 to 2.5	Pass
				-30	3.85	15.907	0.0093	-2.5 to 2.5	Pass
				-20	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-16.637	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-26.608	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-20.585	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-10.428	-0.0061	-2.5 to 2.5	Pass
				40	3.85	17.567	0.0103	-2.5 to 2.5	Pass
				50	3.85	2.732	0.0016	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-16.336	-0.0094	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
					4.43	15.249	0.0088	-2.5 to 2.5	Pass
				-30	3.85	-9.069	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-26.550	-0.0153	-2.5 to 2.5	Pass
				-10	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				0	3.85	19.226	0.0111	-2.5 to 2.5	Pass
				10	3.85	-25.821	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-25.091	-0.0145	-2.5 to 2.5	Pass
				40	3.85	-35.763	-0.0206	-2.5 to 2.5	Pass
				50	3.85	-13.947	-0.0081	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	17.982	0.0103	-2.5 to 2.5	Pass
					3.85	17.223	0.0098	-2.5 to 2.5	Pass
					4.43	-22.459	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-25.120	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-16.179	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.85	5.908	0.0034	-2.5 to 2.5	Pass
				30	3.85	29.597	0.0169	-2.5 to 2.5	Pass
				40	3.85	37.937	0.0216	-2.5 to 2.5	Pass
				50	3.85	25.620	0.0146	-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	-5.808	-0.0034	-2.5 to 2.5	Pass
					3.85	-13.075	-0.0076	-2.5 to 2.5	Pass
					4.43	7.567	0.0044	-2.5 to 2.5	Pass
				-30	3.85	16.079	0.0094	-2.5 to 2.5	Pass
				-20	3.85	26.922	0.0157	-2.5 to 2.5	Pass
				-10	3.85	19.298	0.0113	-2.5 to 2.5	Pass
				0	3.85	7.682	0.0045	-2.5 to 2.5	Pass
				10	3.85	27.938	0.0163	-2.5 to 2.5	Pass
				30	3.85	26.665	0.0156	-2.5 to 2.5	Pass
				40	3.85	16.823	0.0098	-2.5 to 2.5	Pass
				50	3.85	-16.851	-0.0098	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-4.621	-0.0027	-2.5 to 2.5	Pass
					3.85	4.535	0.0026	-2.5 to 2.5	Pass
					4.43	31.142	0.0180	-2.5 to 2.5	Pass
				-30	3.85	13.690	0.0079	-2.5 to 2.5	Pass
				-20	3.85	11.158	0.0064	-2.5 to 2.5	Pass
				-10	3.85	14.477	0.0084	-2.5 to 2.5	Pass
				0	3.85	39.840	0.0230	-2.5 to 2.5	Pass

				10	3.85	20.986	0.0121	-2.5 to 2.5	Pass
				30	3.85	7.854	0.0045	-2.5 to 2.5	Pass
				40	3.85	17.810	0.0103	-2.5 to 2.5	Pass
				50	3.85	-11.315	-0.0065	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-21.830	-0.0124	-2.5 to 2.5	Pass
					3.85	-25.520	-0.0146	-2.5 to 2.5	Pass
					4.43	-13.475	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-15.779	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	9.999	0.0057	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-15.378	-0.0088	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0019	-2.5 to 2.5	Pass
				40	3.85	14.148	0.0081	-2.5 to 2.5	Pass
				50	3.85	35.305	0.0201	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	1.001	0.0006	-2.5 to 2.5	Pass
					3.85	11.573	0.0068	-2.5 to 2.5	Pass
					4.43	11.258	0.0066	-2.5 to 2.5	Pass
				-30	3.85	21.100	0.0123	-2.5 to 2.5	Pass
				-20	3.85	2.689	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-37.122	-0.0217	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0008	-2.5 to 2.5	Pass
				30	3.85	28.024	0.0164	-2.5 to 2.5	Pass
				40	3.85	5.279	0.0031	-2.5 to 2.5	Pass
				50	3.85	27.595	0.0161	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	15.635	0.0090	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
					4.43	-16.909	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	3.633	0.0021	-2.5 to 2.5	Pass
				-20	3.85	11.373	0.0066	-2.5 to 2.5	Pass
				-10	3.85	22.717	0.0131	-2.5 to 2.5	Pass
				0	3.85	18.754	0.0108	-2.5 to 2.5	Pass
				10	3.85	13.003	0.0075	-2.5 to 2.5	Pass
				30	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-33.016	-0.0191	-2.5 to 2.5	Pass
				50	3.85	-23.017	-0.0133	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	25.592	0.0146	-2.5 to 2.5	Pass
					3.85	13.490	0.0077	-2.5 to 2.5	Pass
					4.43	-37.737	-0.0215	-2.5 to 2.5	Pass
				-30	3.85	-10.872	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-32.544	-0.0186	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-29.883	-0.0170	-2.5 to 2.5	Pass
				10	3.85	-9.313	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-25.134	-0.0143	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-9.227	-0.0053	-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	-31.400	-0.0183	-2.5 to 2.5	Pass
					3.85	-13.833	-0.0081	-2.5 to 2.5	Pass
					4.43	29.812	0.0174	-2.5 to 2.5	Pass

				-30	3.85	20.270	0.0118	-2.5 to 2.5	Pass
				-20	3.85	11.516	0.0067	-2.5 to 2.5	Pass
				-10	3.85	-11.559	-0.0067	-2.5 to 2.5	Pass
				0	3.85	27.909	0.0163	-2.5 to 2.5	Pass
				10	3.85	38.567	0.0225	-2.5 to 2.5	Pass
				30	3.85	36.950	0.0216	-2.5 to 2.5	Pass
				40	3.85	14.992	0.0088	-2.5 to 2.5	Pass
				50	3.85	42.858	0.0250	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
					4.43	23.289	0.0134	-2.5 to 2.5	Pass
				-30	3.85	29.883	0.0172	-2.5 to 2.5	Pass
				-20	3.85	24.405	0.0141	-2.5 to 2.5	Pass
				-10	3.85	43.373	0.0250	-2.5 to 2.5	Pass
				0	3.85	30.384	0.0175	-2.5 to 2.5	Pass
				10	3.85	9.055	0.0052	-2.5 to 2.5	Pass
				30	3.85	33.717	0.0195	-2.5 to 2.5	Pass
				40	3.85	34.018	0.0196	-2.5 to 2.5	Pass
				50	3.85	23.761	0.0137	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	14.119	0.0081	-2.5 to 2.5	Pass
					3.85	-21.286	-0.0121	-2.5 to 2.5	Pass
					4.43	-29.483	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-21.029	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-27.080	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-28.853	-0.0165	-2.5 to 2.5	Pass
				0	3.85	7.811	0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-14.019	-0.0080	-2.5 to 2.5	Pass
				40	3.85	19.455	0.0111	-2.5 to 2.5	Pass
				50	3.85	20.986	0.0120	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	23.160	0.0135	-2.5 to 2.5	Pass
					3.85	20.084	0.0117	-2.5 to 2.5	Pass
					4.43	8.140	0.0048	-2.5 to 2.5	Pass
				-30	3.85	14.105	0.0082	-2.5 to 2.5	Pass
				-20	3.85	35.777	0.0209	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0050	-2.5 to 2.5	Pass
				0	3.85	23.646	0.0138	-2.5 to 2.5	Pass
				10	3.85	6.337	0.0037	-2.5 to 2.5	Pass
				30	3.85	-36.936	-0.0216	-2.5 to 2.5	Pass
				40	3.85	-14.076	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-37.050	-0.0216	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	19.312	0.0111	-2.5 to 2.5	Pass
					3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
					4.43	-1.359	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-10.257	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-20.714	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-21.014	-0.0121	-2.5 to 2.5	Pass
				0	3.85	-30.169	-0.0174	-2.5 to 2.5	Pass
				10	3.85	24.261	0.0140	-2.5 to 2.5	Pass
				30	3.85	22.116	0.0128	-2.5 to 2.5	Pass
				40	3.85	17.424	0.0101	-2.5 to 2.5	Pass
				50	3.85	4.849	0.0028	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	11.573	0.0066	-2.5 to 2.5	Pass
					3.85	6.509	0.0037	-2.5 to 2.5	Pass
					4.43	-21.987	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-20.599	-0.0118	-2.5 to 2.5	Pass
				-10	3.85	-33.660	-0.0192	-2.5 to 2.5	Pass
				0	3.85	-27.051	-0.0154	-2.5 to 2.5	Pass

				10	3.85	-13.118	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-32.358	-0.0185	-2.5 to 2.5	Pass
				40	3.85	-40.641	-0.0232	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-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	-29.283	-0.0171	-2.5 to 2.5	Pass
					3.85	-6.580	-0.0038	-2.5 to 2.5	Pass
					4.43	7.153	0.0042	-2.5 to 2.5	Pass
				-30	3.85	7.353	0.0043	-2.5 to 2.5	Pass
				-20	3.85	32.630	0.0190	-2.5 to 2.5	Pass
				-10	3.85	13.618	0.0079	-2.5 to 2.5	Pass
				0	3.85	10.643	0.0062	-2.5 to 2.5	Pass
				10	3.85	40.355	0.0235	-2.5 to 2.5	Pass
				30	3.85	23.460	0.0137	-2.5 to 2.5	Pass
				40	3.85	18.468	0.0108	-2.5 to 2.5	Pass
				50	3.85	16.737	0.0098	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-12.302	-0.0071	-2.5 to 2.5	Pass
					3.85	-8.082	-0.0047	-2.5 to 2.5	Pass
					4.43	18.096	0.0104	-2.5 to 2.5	Pass
				-30	3.85	25.749	0.0149	-2.5 to 2.5	Pass
				-20	3.85	28.267	0.0163	-2.5 to 2.5	Pass
				-10	3.85	32.072	0.0185	-2.5 to 2.5	Pass
				0	3.85	8.154	0.0047	-2.5 to 2.5	Pass
				10	3.85	22.230	0.0128	-2.5 to 2.5	Pass
				30	3.85	11.959	0.0069	-2.5 to 2.5	Pass
				40	3.85	20.199	0.0117	-2.5 to 2.5	Pass
				50	3.85	26.307	0.0152	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	11.930	0.0068	-2.5 to 2.5	Pass
					3.85	-10.171	-0.0058	-2.5 to 2.5	Pass
					4.43	-32.229	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-27.366	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	-10.200	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	9.513	0.0054	-2.5 to 2.5	Pass
				0	3.85	15.221	0.0087	-2.5 to 2.5	Pass
				10	3.85	10.214	0.0058	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				40	3.85	33.445	0.0191	-2.5 to 2.5	Pass
				50	3.85	24.548	0.0140	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	9.270	0.0054	-2.5 to 2.5	Pass
					3.85	26.922	0.0157	-2.5 to 2.5	Pass
					4.43	-18.296	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-33.388	-0.0195	-2.5 to 2.5	Pass
				-20	3.85	-22.402	-0.0131	-2.5 to 2.5	Pass
				-10	3.85	-25.721	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-26.178	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-15.635	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
				40	3.85	4.020	0.0023	-2.5 to 2.5	Pass
				50	3.85	10.700	0.0062	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	29.297	0.0169	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	1.831	0.0011	-2.5 to 2.5	Pass

				-30	3.85	9.871	0.0057	-2.5 to 2.5	Pass
				-20	3.85	20.971	0.0121	-2.5 to 2.5	Pass
				-10	3.85	-12.145	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-16.222	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0014	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	19.770	0.0114	-2.5 to 2.5	Pass
				50	3.85	38.967	0.0225	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.860	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
					4.43	-34.790	-0.0199	-2.5 to 2.5	Pass
				-30	3.85	-17.195	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-15.121	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-25.749	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-30.584	-0.0175	-2.5 to 2.5	Pass
				10	3.85	13.032	0.0074	-2.5 to 2.5	Pass
				30	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				40	3.85	31.385	0.0179	-2.5 to 2.5	Pass
				50	3.85	28.982	0.0166	-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	-20.428	-0.0119	-2.5 to 2.5	Pass
					3.85	-29.054	-0.0169	-2.5 to 2.5	Pass
					4.43	28.582	0.0166	-2.5 to 2.5	Pass
				-30	3.85	28.381	0.0165	-2.5 to 2.5	Pass
				-20	3.85	21.958	0.0128	-2.5 to 2.5	Pass
				-10	3.85	13.819	0.0080	-2.5 to 2.5	Pass
				0	3.85	22.488	0.0131	-2.5 to 2.5	Pass
				10	3.85	10.085	0.0059	-2.5 to 2.5	Pass
				30	3.85	34.990	0.0204	-2.5 to 2.5	Pass
				40	3.85	37.937	0.0221	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-8.140	-0.0047	-2.5 to 2.5	Pass
					3.85	-32.644	-0.0188	-2.5 to 2.5	Pass
					4.43	25.792	0.0149	-2.5 to 2.5	Pass
				-30	3.85	17.095	0.0099	-2.5 to 2.5	Pass
				-20	3.85	4.706	0.0027	-2.5 to 2.5	Pass
				-10	3.85	15.450	0.0089	-2.5 to 2.5	Pass
				0	3.85	28.453	0.0164	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0016	-2.5 to 2.5	Pass
				30	3.85	32.215	0.0186	-2.5 to 2.5	Pass
				40	3.85	24.347	0.0141	-2.5 to 2.5	Pass
				50	3.85	-6.967	-0.0040	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.435	-0.0025	-2.5 to 2.5	Pass
					3.85	-33.231	-0.0190	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	21.315	0.0122	-2.5 to 2.5	Pass
				-20	3.85	25.849	0.0148	-2.5 to 2.5	Pass
				-10	3.85	-18.339	-0.0105	-2.5 to 2.5	Pass
				0	3.85	27.494	0.0157	-2.5 to 2.5	Pass
				10	3.85	20.657	0.0118	-2.5 to 2.5	Pass
				30	3.85	13.218	0.0076	-2.5 to 2.5	Pass
				40	3.85	-17.939	-0.0103	-2.5 to 2.5	Pass

				50	3.85	-14.262	-0.0082	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	21.944	0.0128	-2.5 to 2.5	Pass
					3.85	25.420	0.0148	-2.5 to 2.5	Pass
					4.43	19.369	0.0113	-2.5 to 2.5	Pass
				-30	3.85	16.851	0.0098	-2.5 to 2.5	Pass
				-20	3.85	14.062	0.0082	-2.5 to 2.5	Pass
				-10	3.85	16.680	0.0097	-2.5 to 2.5	Pass
				0	3.85	26.951	0.0157	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-26.908	-0.0157	-2.5 to 2.5	Pass
				40	3.85	24.633	0.0143	-2.5 to 2.5	Pass
				50	3.85	2.103	0.0012	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-26.937	-0.0155	-2.5 to 2.5	Pass
					3.85	-22.187	-0.0128	-2.5 to 2.5	Pass
					4.43	-10.085	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-23.646	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
				10	3.85	22.645	0.0131	-2.5 to 2.5	Pass
				30	3.85	28.367	0.0164	-2.5 to 2.5	Pass
				40	3.85	-19.040	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-37.193	-0.0213	-2.5 to 2.5	Pass
					3.85	-17.109	-0.0098	-2.5 to 2.5	Pass
					4.43	-5.336	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-23.532	-0.0135	-2.5 to 2.5	Pass
				-20	3.85	-17.052	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	12.503	0.0072	-2.5 to 2.5	Pass
				0	3.85	-33.131	-0.0190	-2.5 to 2.5	Pass
				10	3.85	20.657	0.0118	-2.5 to 2.5	Pass
				30	3.85	33.274	0.0190	-2.5 to 2.5	Pass
				40	3.85	-21.830	-0.0125	-2.5 to 2.5	Pass
				50	3.85	-34.876	-0.0200	-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	-28.496	-0.0166	-2.5 to 2.5	Pass
					3.85	31.571	0.0184	-2.5 to 2.5	Pass
					4.43	14.820	0.0086	-2.5 to 2.5	Pass
				-30	3.85	16.022	0.0093	-2.5 to 2.5	Pass
				-20	3.85	15.278	0.0089	-2.5 to 2.5	Pass
				-10	3.85	25.392	0.0148	-2.5 to 2.5	Pass
				0	3.85	18.926	0.0110	-2.5 to 2.5	Pass
				10	3.85	10.400	0.0060	-2.5 to 2.5	Pass
				30	3.85	3.934	0.0023	-2.5 to 2.5	Pass
				40	3.85	-16.408	-0.0095	-2.5 to 2.5	Pass
				50	3.85	12.088	0.0070	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-25.935	-0.0150	-2.5 to 2.5	Pass
					3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
					4.43	19.383	0.0112	-2.5 to 2.5	Pass
				-30	3.85	16.265	0.0094	-2.5 to 2.5	Pass
				-20	3.85	20.070	0.0116	-2.5 to 2.5	Pass
				-10	3.85	18.682	0.0108	-2.5 to 2.5	Pass

				0	3.85	12.846	0.0074	-2.5 to 2.5	Pass
				10	3.85	5.579	0.0032	-2.5 to 2.5	Pass
				30	3.85	-37.322	-0.0215	-2.5 to 2.5	Pass
				40	3.85	-29.340	-0.0169	-2.5 to 2.5	Pass
				50	3.85	-19.283	-0.0111	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-22.688	-0.0130	-2.5 to 2.5	Pass
					3.85	5.007	0.0029	-2.5 to 2.5	Pass
					4.43	22.187	0.0127	-2.5 to 2.5	Pass
				-30	3.85	13.218	0.0076	-2.5 to 2.5	Pass
				-20	3.85	9.441	0.0054	-2.5 to 2.5	Pass
				-10	3.85	20.385	0.0117	-2.5 to 2.5	Pass
				0	3.85	37.994	0.0218	-2.5 to 2.5	Pass
				10	3.85	19.069	0.0109	-2.5 to 2.5	Pass
				30	3.85	-15.478	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-18.911	-0.0108	-2.5 to 2.5	Pass
				50	3.85	22.373	0.0128	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	6.480	0.0038	-2.5 to 2.5	Pass
					3.85	11.516	0.0067	-2.5 to 2.5	Pass
					4.43	-20.328	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-14.162	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-12.245	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-31.972	-0.0186	-2.5 to 2.5	Pass
				0	3.85	-12.016	-0.0070	-2.5 to 2.5	Pass
				10	3.85	5.007	0.0029	-2.5 to 2.5	Pass
				30	3.85	3.519	0.0020	-2.5 to 2.5	Pass
				40	3.85	13.547	0.0079	-2.5 to 2.5	Pass
				50	3.85	-13.361	-0.0078	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-26.064	-0.0150	-2.5 to 2.5	Pass
					3.85	-21.443	-0.0124	-2.5 to 2.5	Pass
					4.43	20.356	0.0117	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-18.983	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-24.104	-0.0139	-2.5 to 2.5	Pass
				0	3.85	6.995	0.0040	-2.5 to 2.5	Pass
				10	3.85	11.501	0.0066	-2.5 to 2.5	Pass
				30	3.85	33.989	0.0196	-2.5 to 2.5	Pass
				40	3.85	-28.968	-0.0167	-2.5 to 2.5	Pass
				50	3.85	-21.343	-0.0123	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	21.501	0.0123	-2.5 to 2.5	Pass
					3.85	9.484	0.0054	-2.5 to 2.5	Pass
					4.43	-37.236	-0.0213	-2.5 to 2.5	Pass
				-30	3.85	-25.835	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-29.068	-0.0167	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-28.124	-0.0161	-2.5 to 2.5	Pass
				10	3.85	21.529	0.0123	-2.5 to 2.5	Pass
				30	3.85	-29.182	-0.0167	-2.5 to 2.5	Pass
				40	3.85	-31.714	-0.0182	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0042	-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

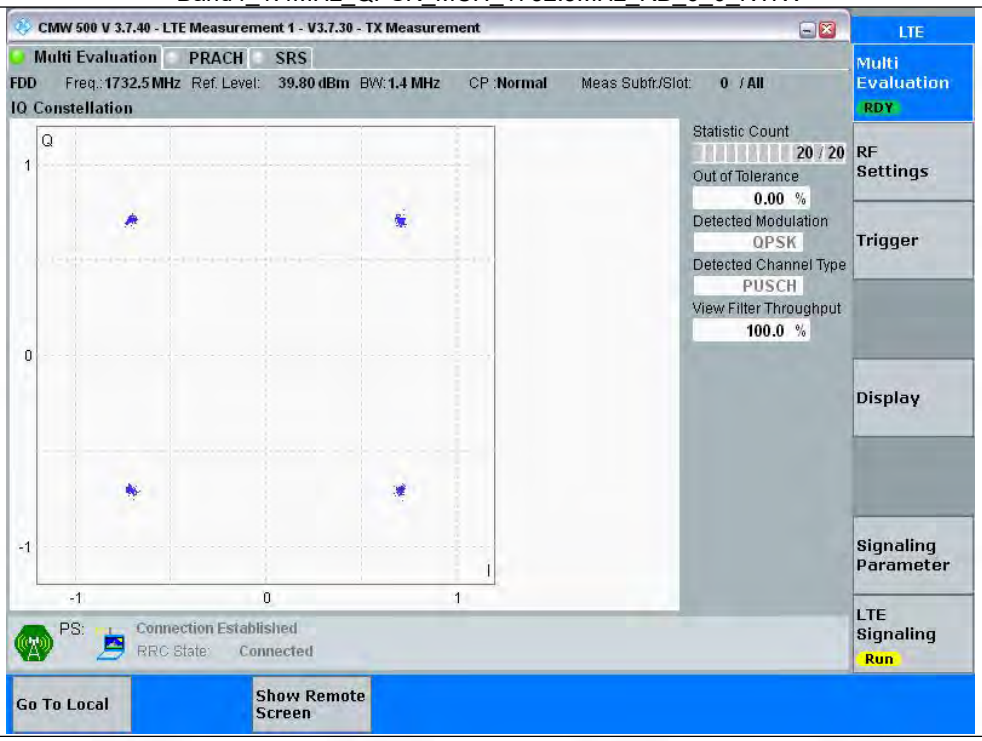
3.1.6 B4_20MHz

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

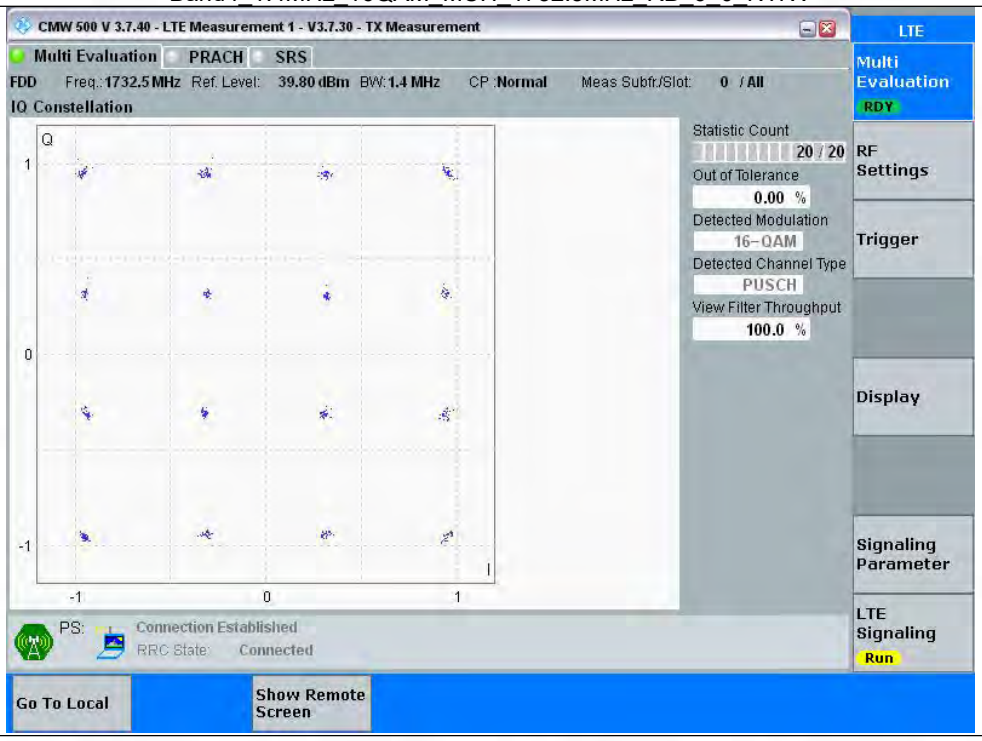
3.2 Test Graph

3.2.1 B4_1.4MHz

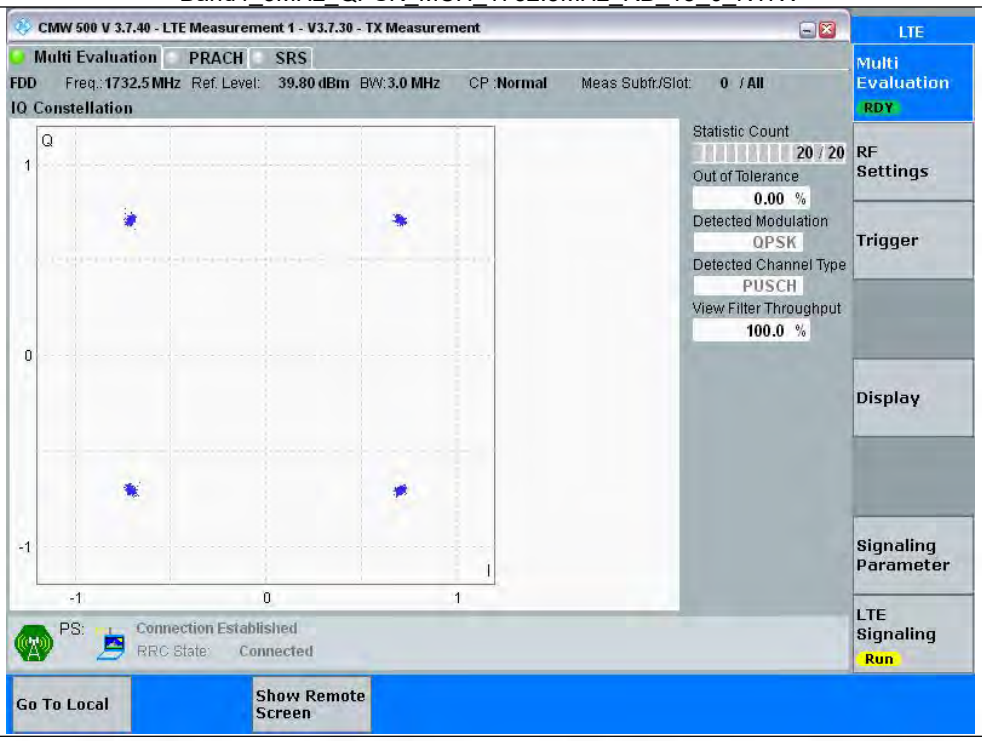
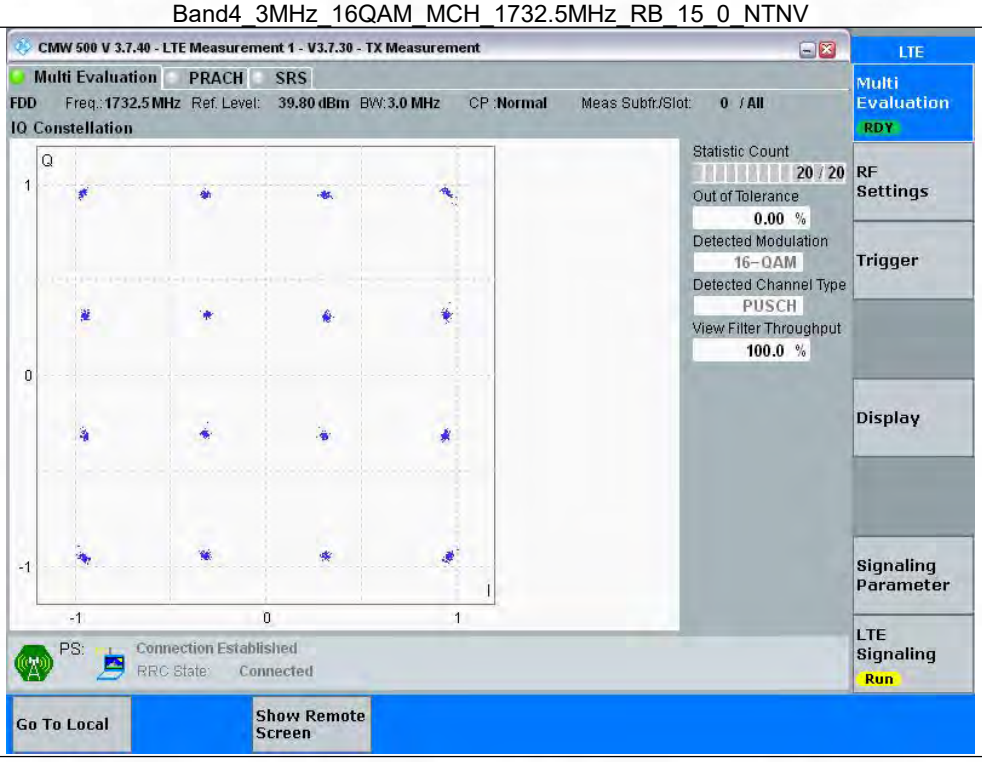
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



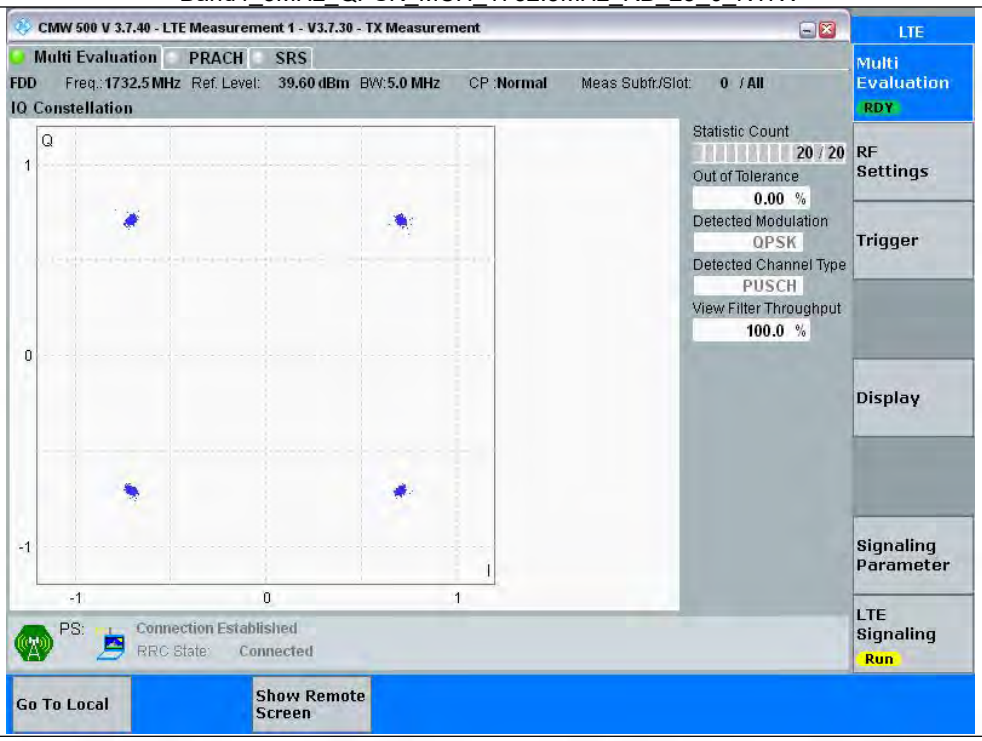
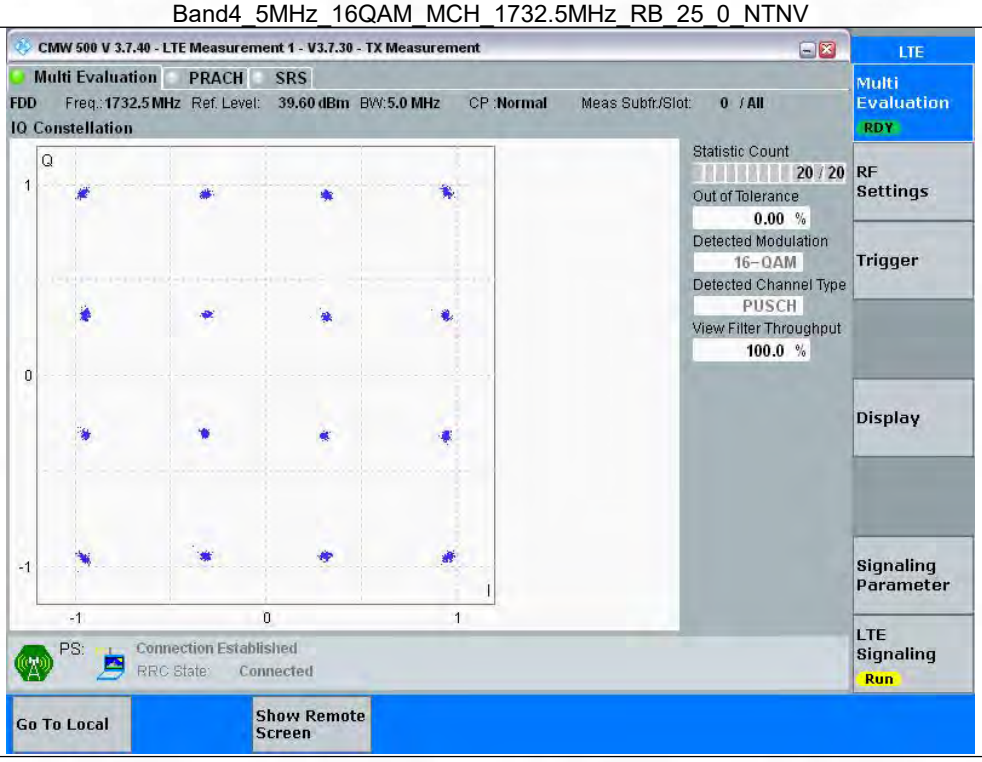
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



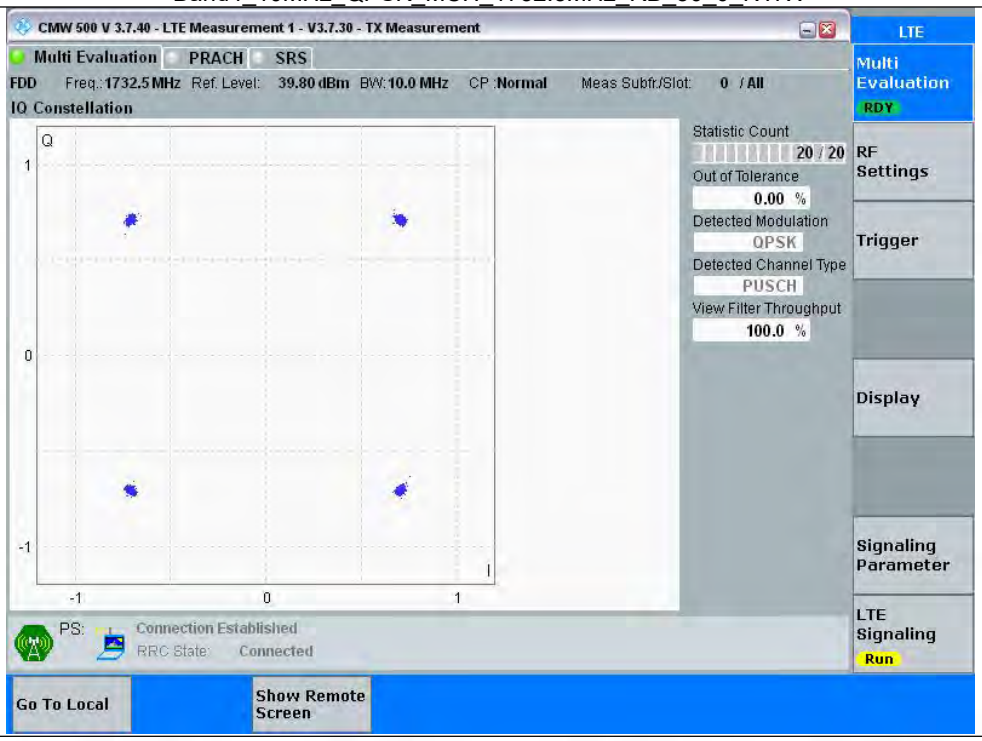
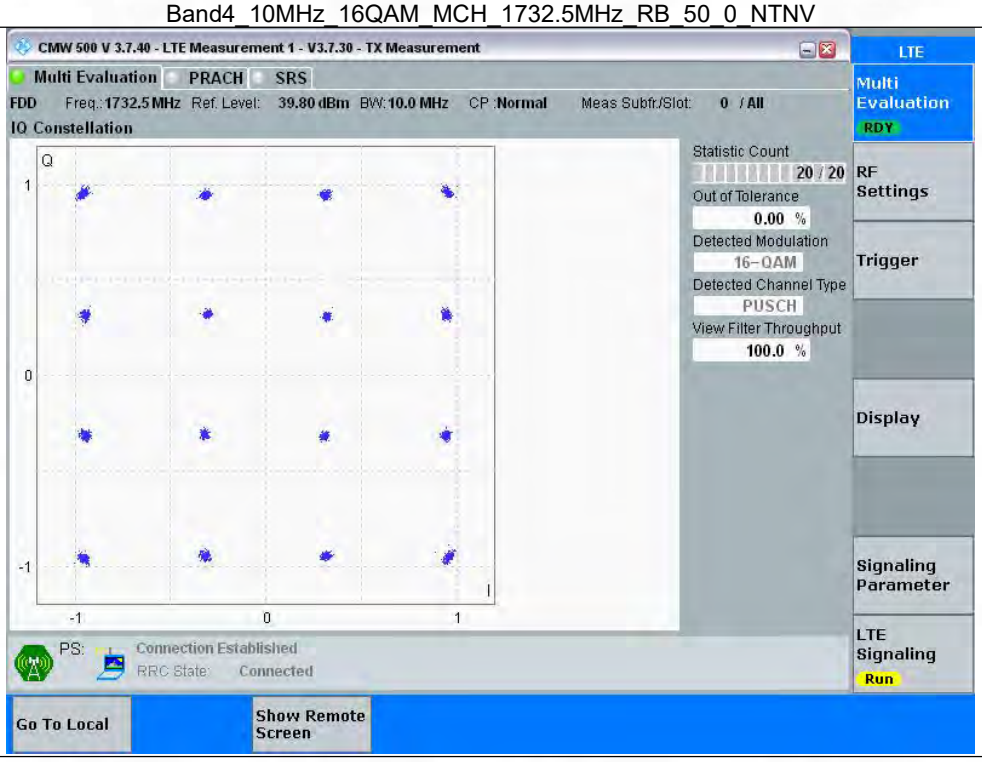
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


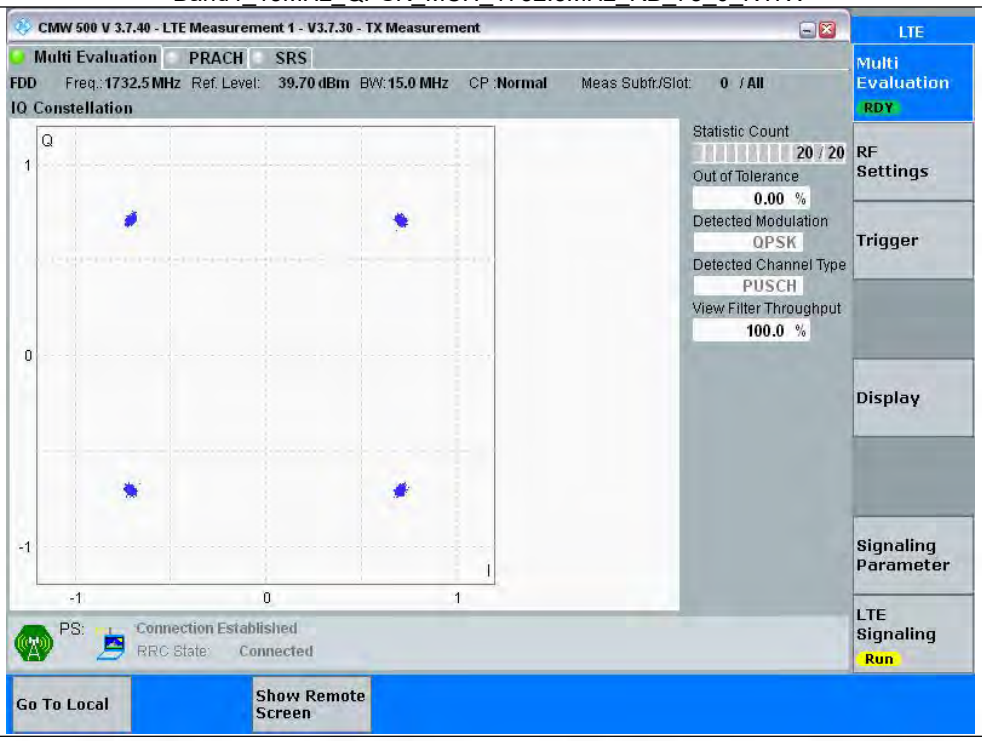
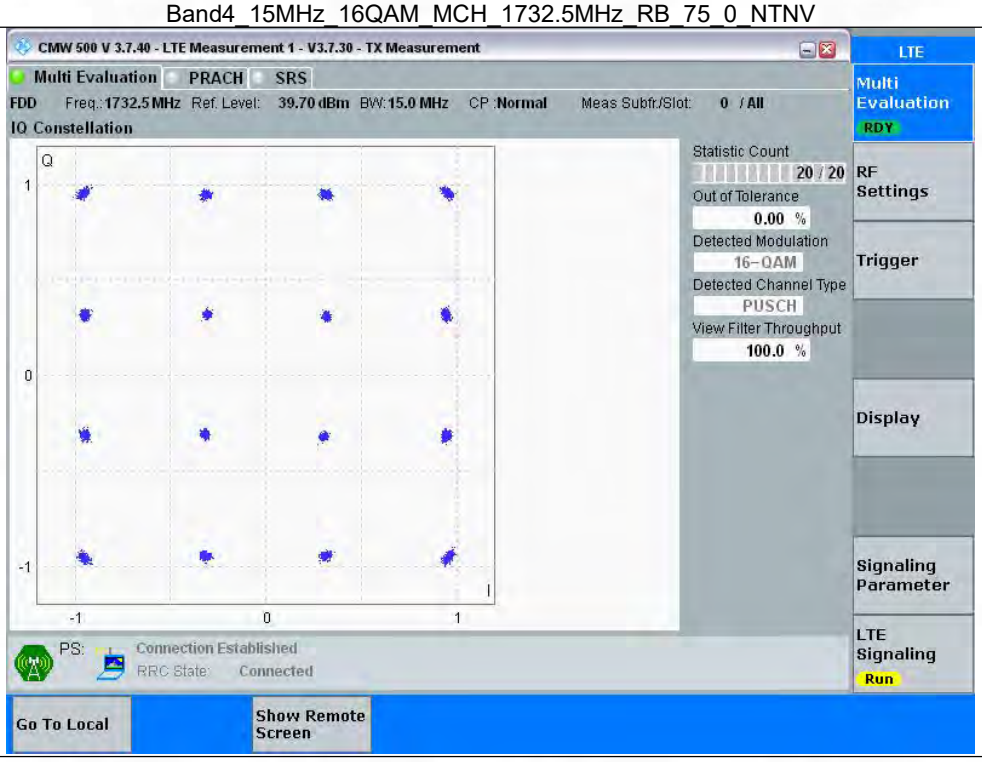
3.2.3 B4_5MHz

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

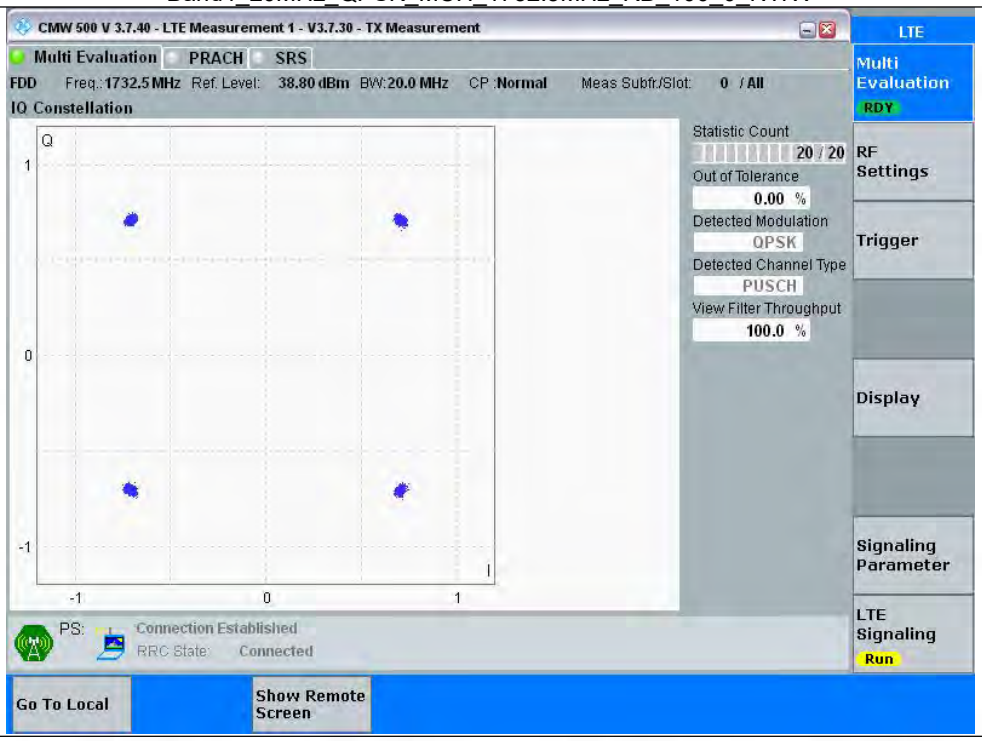
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV


3.2.5 B4_15MHz

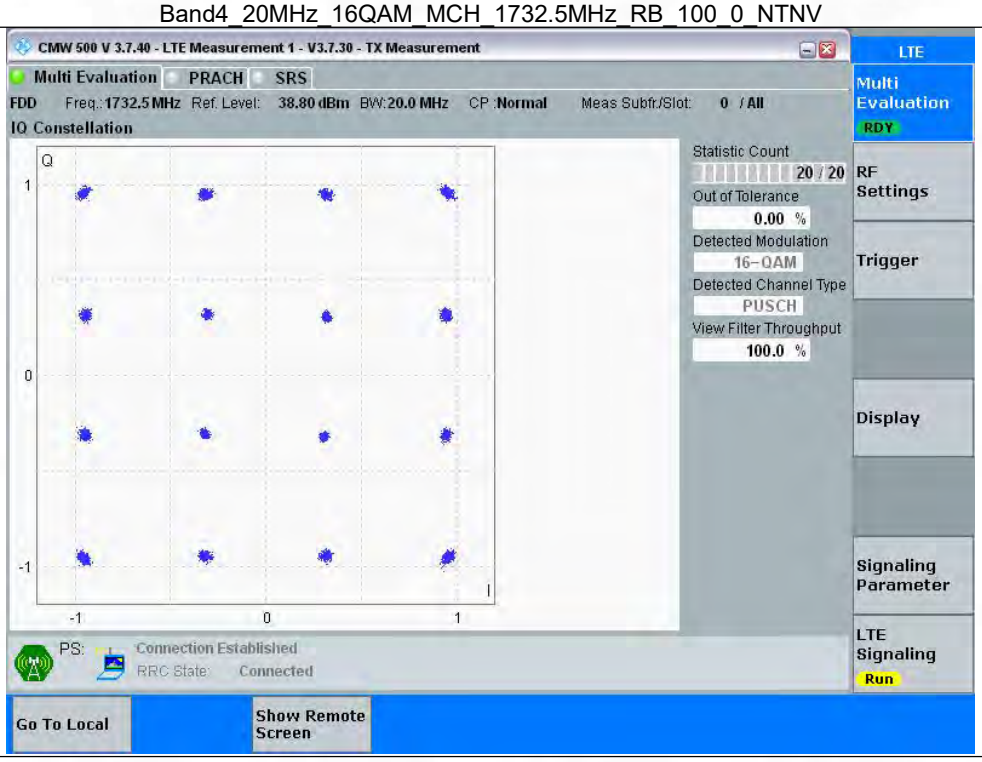
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

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	1.115	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.123	/	Pass
3	QPSK	1711.5	15	0	2.752	/	Pass
		1732.5	15	0	2.756	/	Pass
		1753.5	15	0	2.758	/	Pass
	16QAM	1711.5	15	0	2.759	/	Pass
		1732.5	15	0	2.751	/	Pass
		1753.5	15	0	2.758	/	Pass
5	QPSK	1712.5	25	0	4.541	/	Pass
		1732.5	25	0	4.554	/	Pass
		1752.5	25	0	4.568	/	Pass
	16QAM	1712.5	25	0	4.562	/	Pass
		1732.5	25	0	4.573	/	Pass
		1752.5	25	0	4.540	/	Pass
10	QPSK	1715	50	0	9.080	/	Pass
		1732.5	50	0	9.028	/	Pass
		1750	50	0	9.072	/	Pass
	16QAM	1715	50	0	9.067	/	Pass
		1732.5	50	0	9.083	/	Pass
		1750	50	0	9.052	/	Pass
15	QPSK	1717.5	75	0	13.598	/	Pass
		1732.5	75	0	13.634	/	Pass
		1747.5	75	0	13.603	/	Pass
	16QAM	1717.5	75	0	13.621	/	Pass
		1732.5	75	0	13.624	/	Pass
		1747.5	75	0	13.638	/	Pass
20	QPSK	1720	100	0	18.165	/	Pass
		1732.5	100	0	18.220	/	Pass
		1745	100	0	18.160	/	Pass
	16QAM	1720	100	0	18.145	/	Pass
		1732.5	100	0	18.125	/	Pass
		1745	100	0	18.206	/	Pass

4.1.2 Band4_XDB

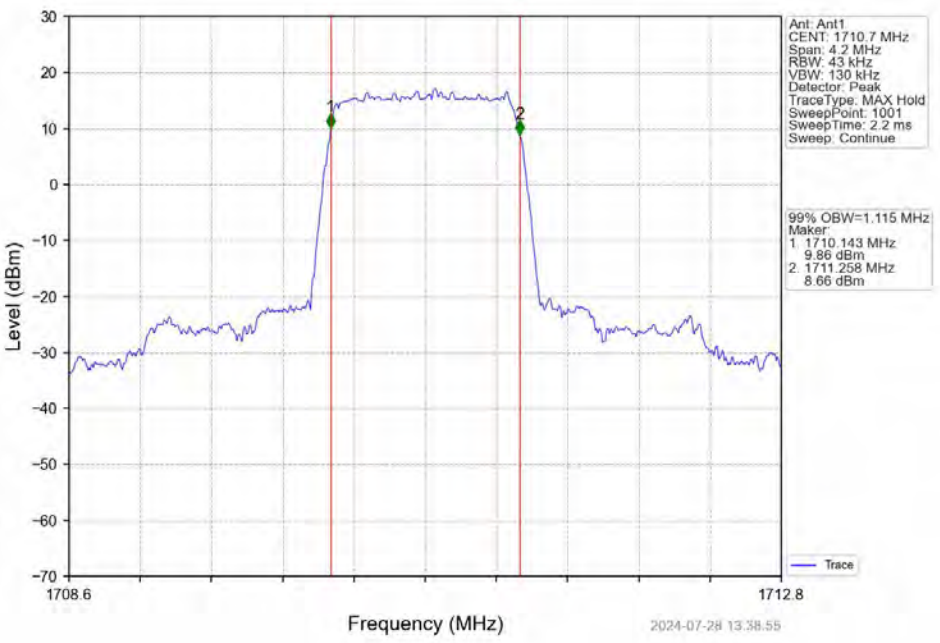
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.267	/	Pass
		1732.5	6	0	1.271	/	Pass
		1754.3	6	0	1.270	/	Pass

	16QAM	1710.7	6	0	1.272	/	Pass
		1732.5	6	0	1.270	/	Pass
		1754.3	6	0	1.275	/	Pass
3	QPSK	1711.5	15	0	3.097	/	Pass
		1732.5	15	0	3.102	/	Pass
		1753.5	15	0	3.100	/	Pass
	16QAM	1711.5	15	0	3.134	/	Pass
		1732.5	15	0	3.095	/	Pass
		1753.5	15	0	3.107	/	Pass
5	QPSK	1712.5	25	0	5.040	/	Pass
		1732.5	25	0	5.094	/	Pass
		1752.5	25	0	5.031	/	Pass
	16QAM	1712.5	25	0	5.064	/	Pass
		1732.5	25	0	5.091	/	Pass
		1752.5	25	0	5.044	/	Pass
10	QPSK	1715	50	0	10.002	/	Pass
		1732.5	50	0	10.027	/	Pass
		1750	50	0	9.993	/	Pass
	16QAM	1715	50	0	10.038	/	Pass
		1732.5	50	0	10.072	/	Pass
		1750	50	0	10.075	/	Pass
15	QPSK	1717.5	75	0	15.040	/	Pass
		1732.5	75	0	15.177	/	Pass
		1747.5	75	0	15.139	/	Pass
	16QAM	1717.5	75	0	15.133	/	Pass
		1732.5	75	0	15.198	/	Pass
		1747.5	75	0	15.133	/	Pass
20	QPSK	1720	100	0	20.112	/	Pass
		1732.5	100	0	19.972	/	Pass
		1745	100	0	19.972	/	Pass
	16QAM	1720	100	0	20.101	/	Pass
		1732.5	100	0	19.917	/	Pass
		1745	100	0	19.949	/	Pass

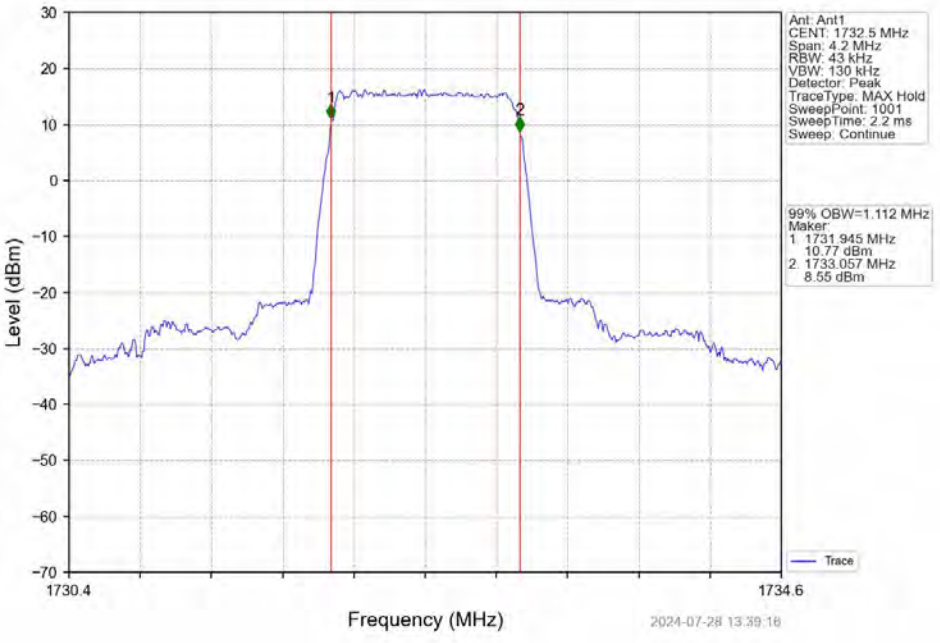
4.2 Test Graph

4.2.1 Band4_OBW

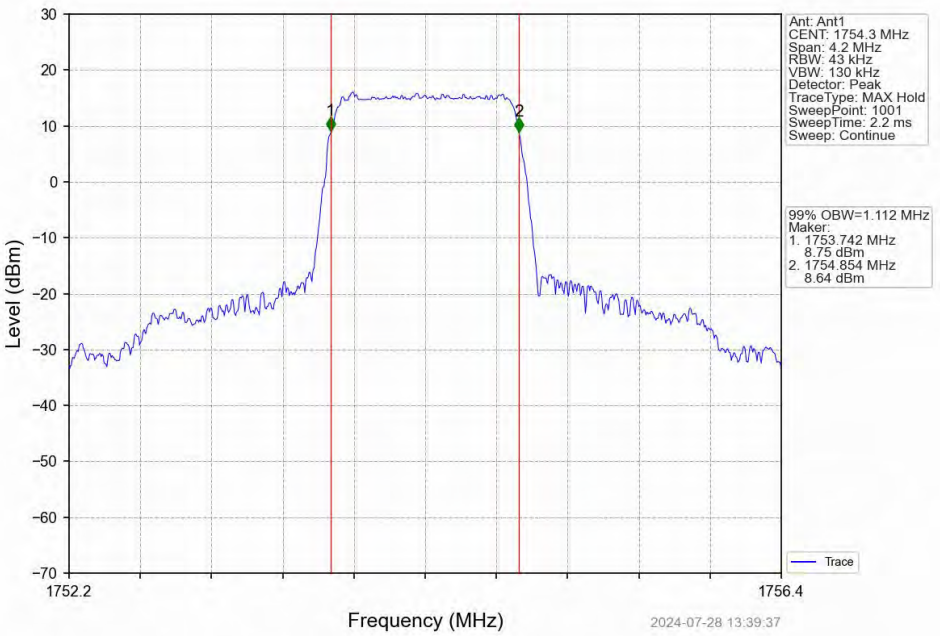
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



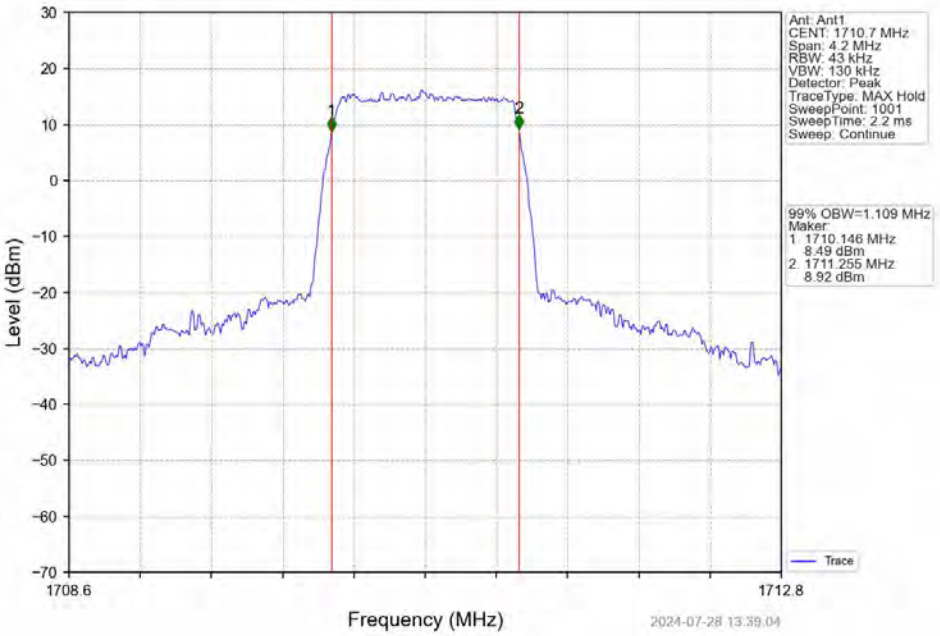
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



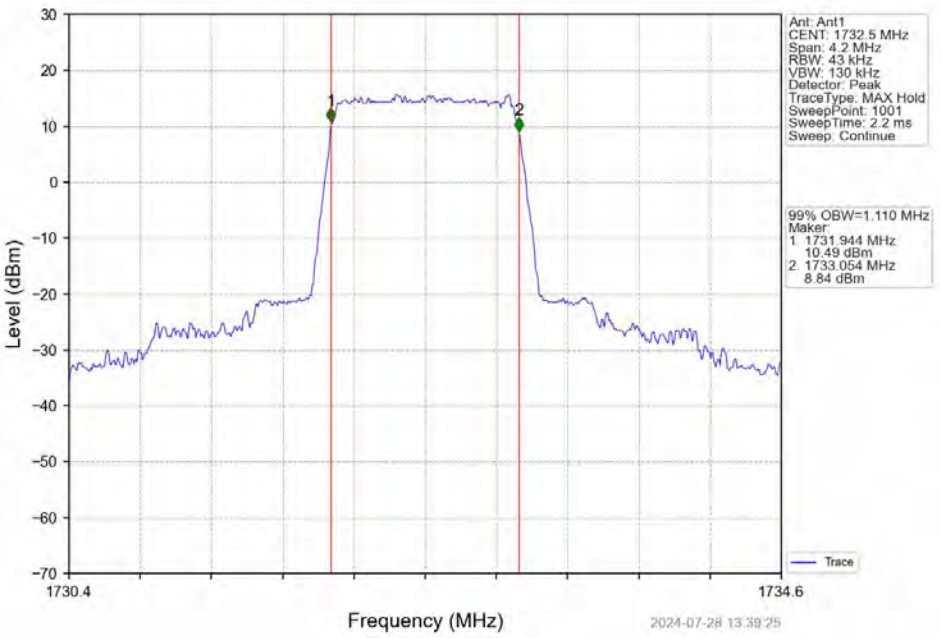
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



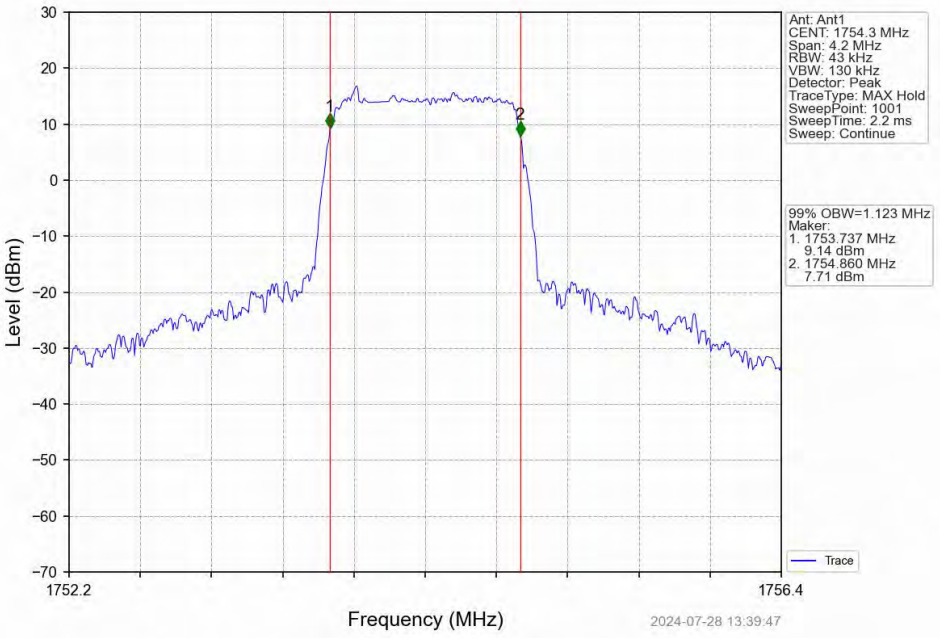
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



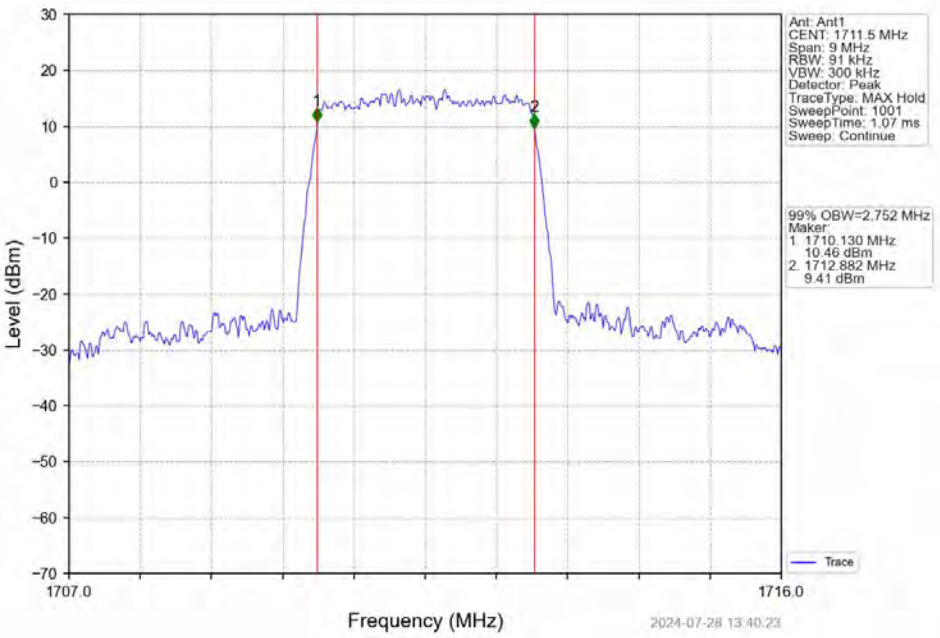
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



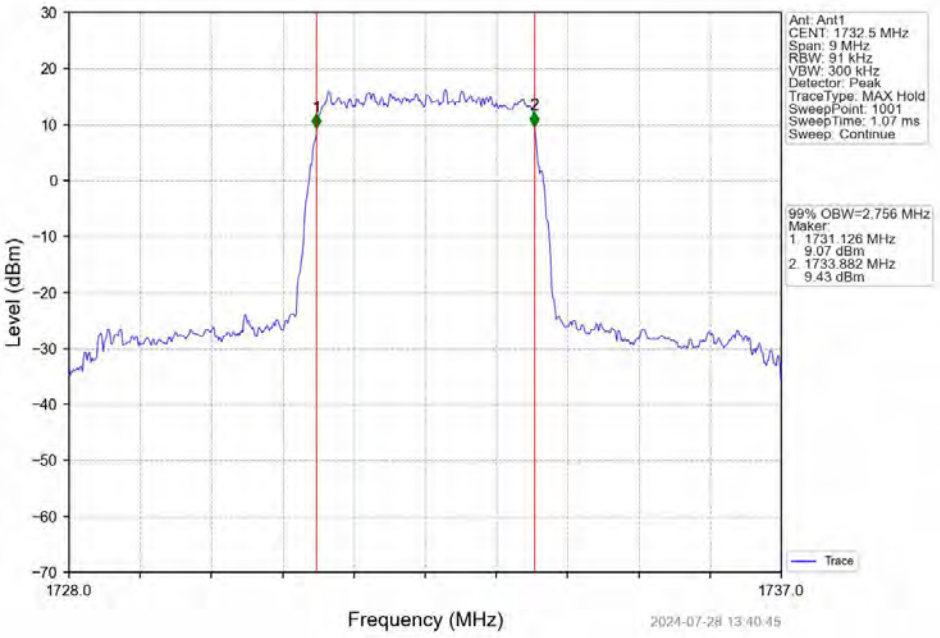
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



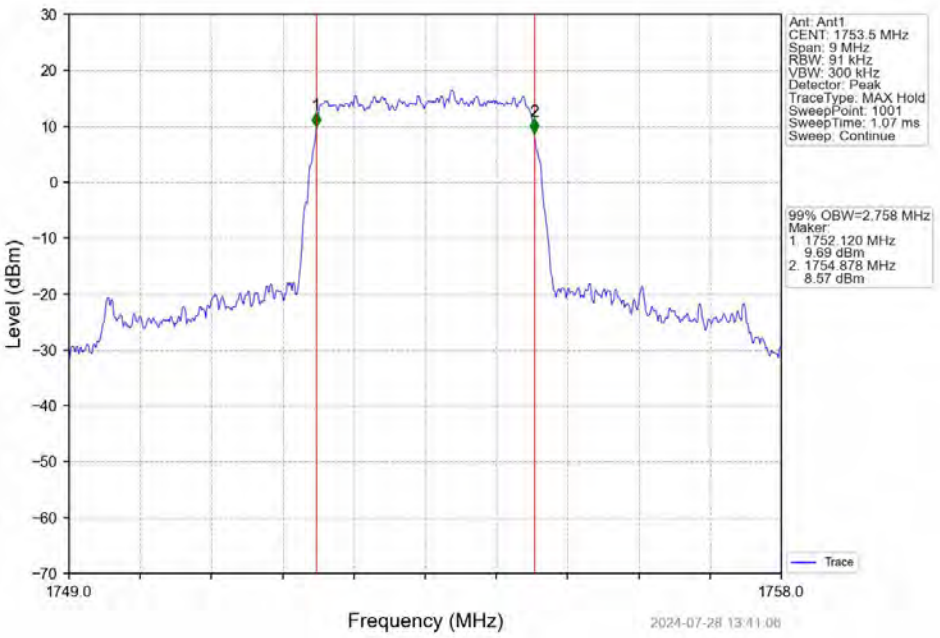
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



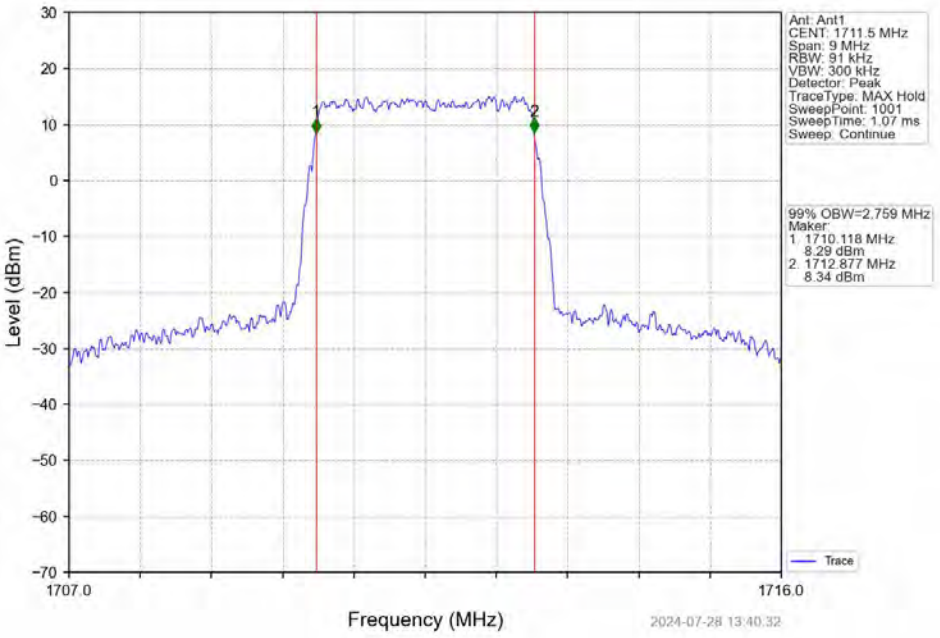
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



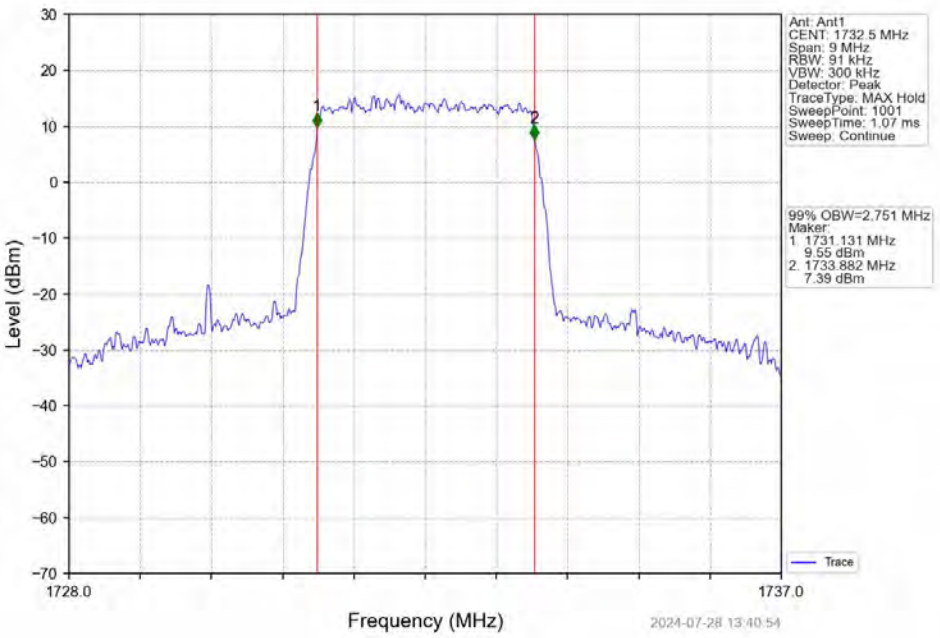
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



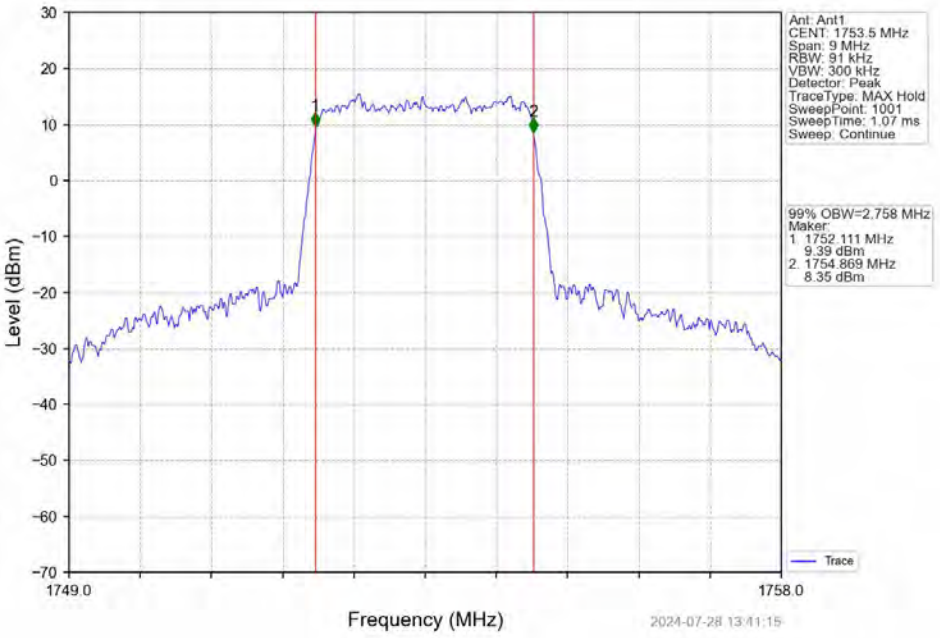
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



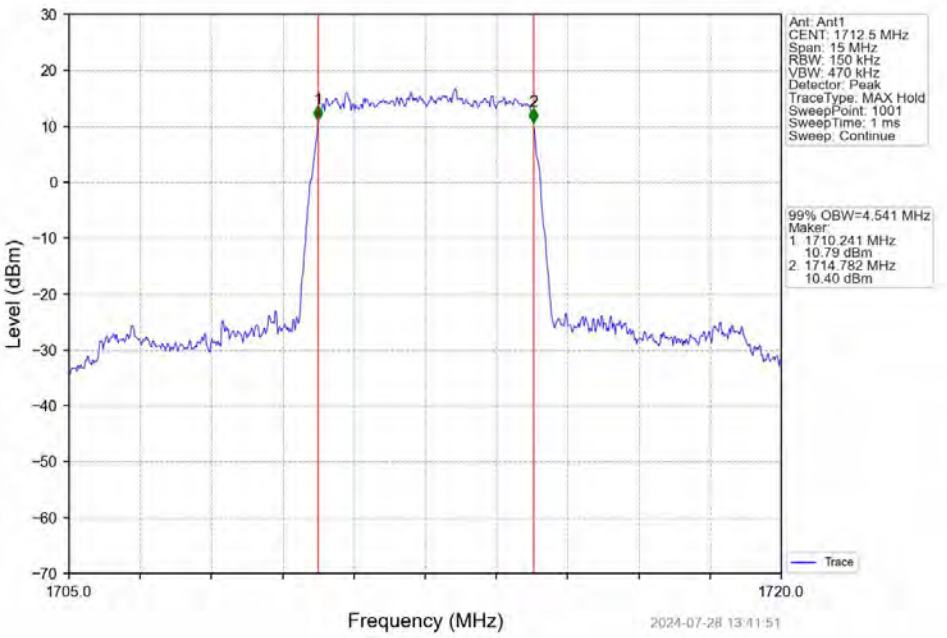
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



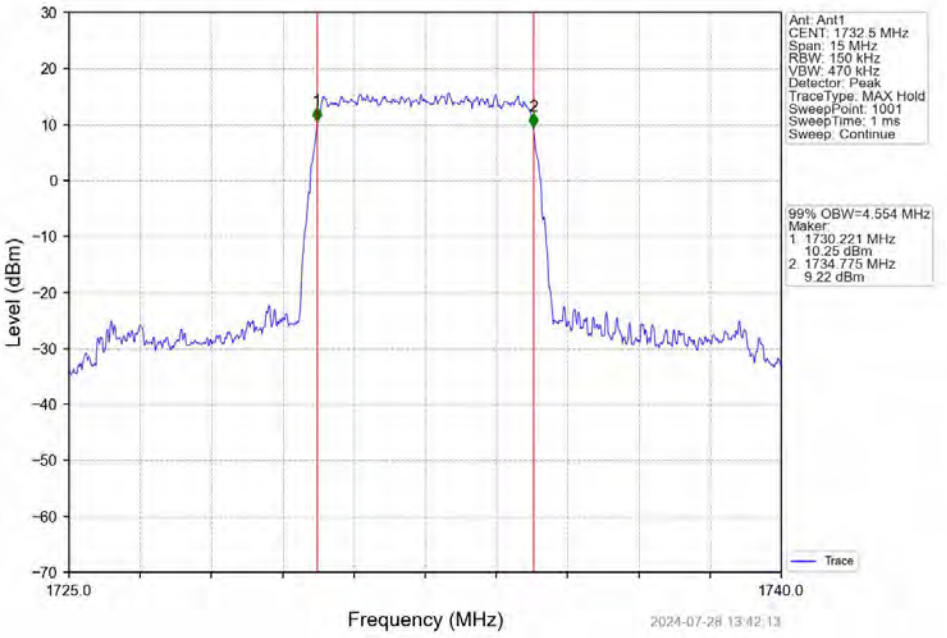
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



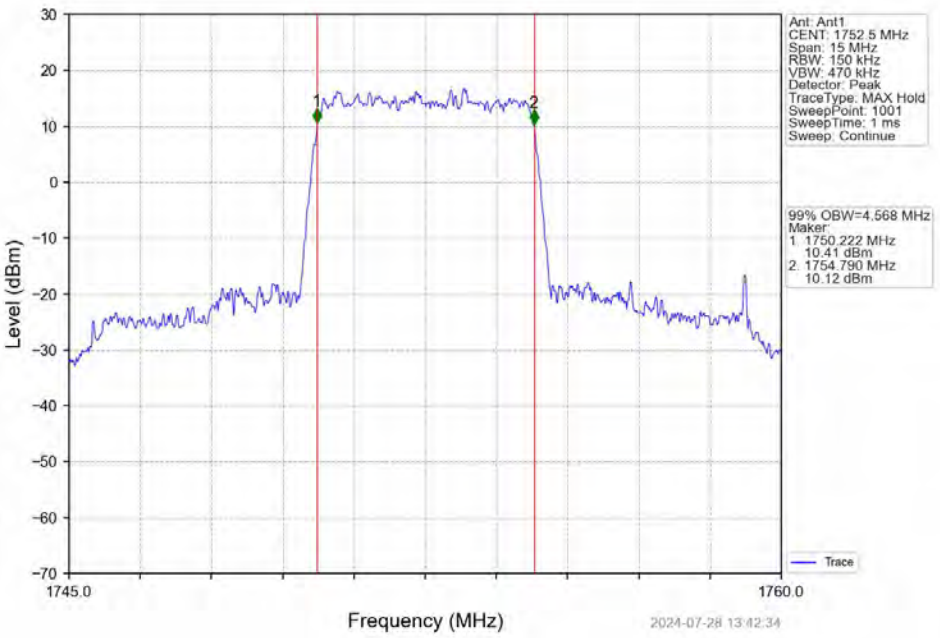
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



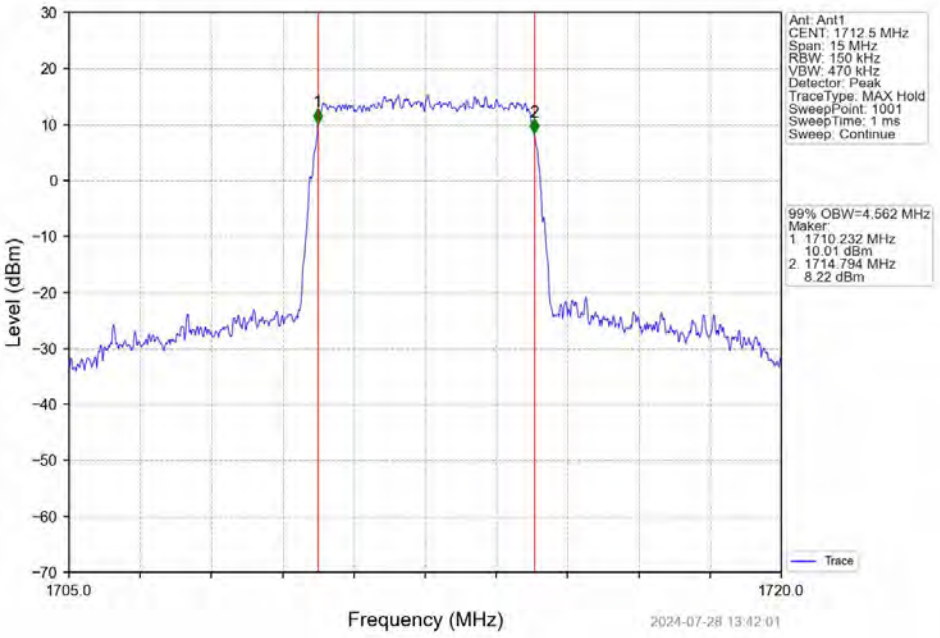
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



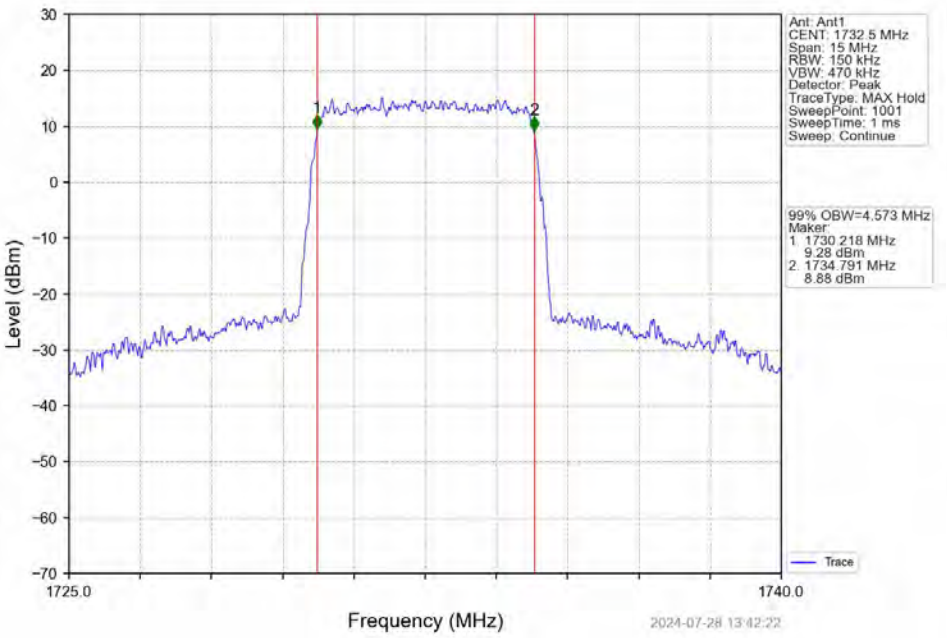
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



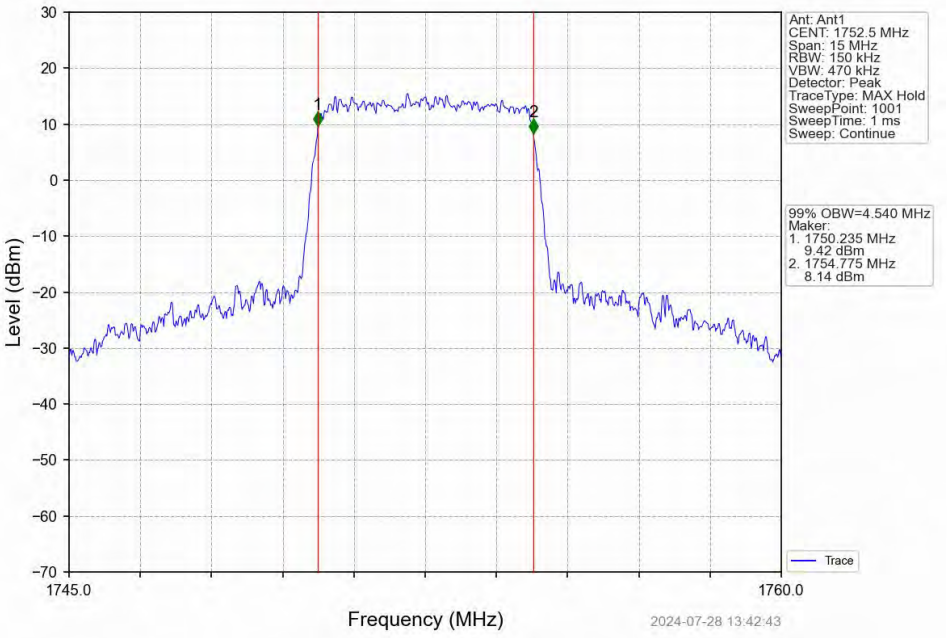
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



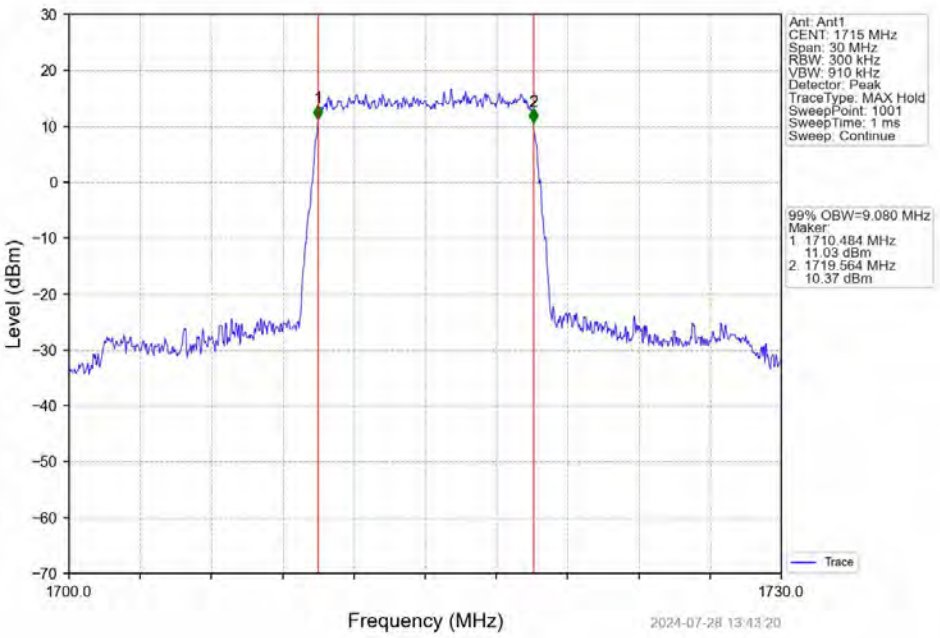
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



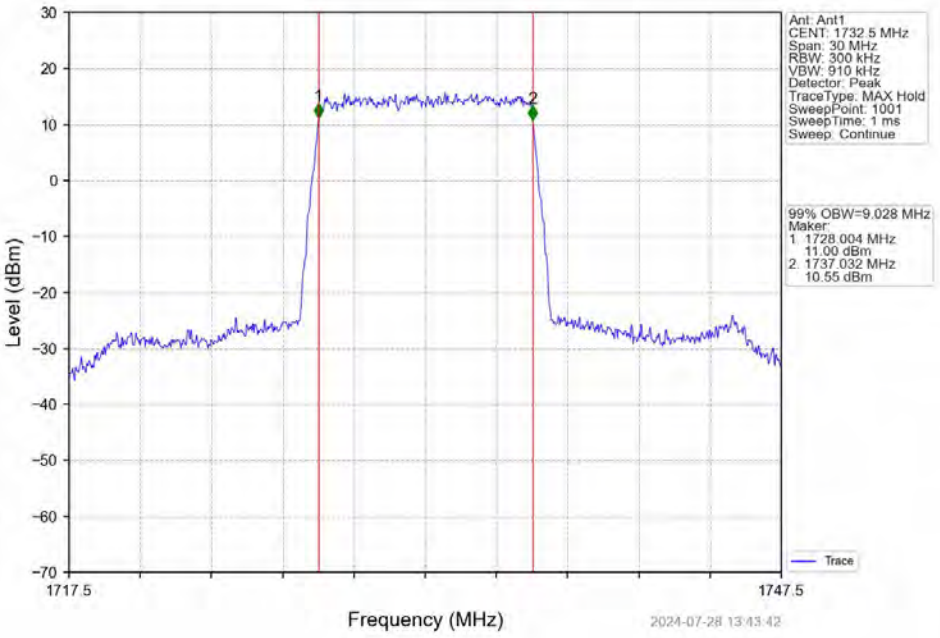
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



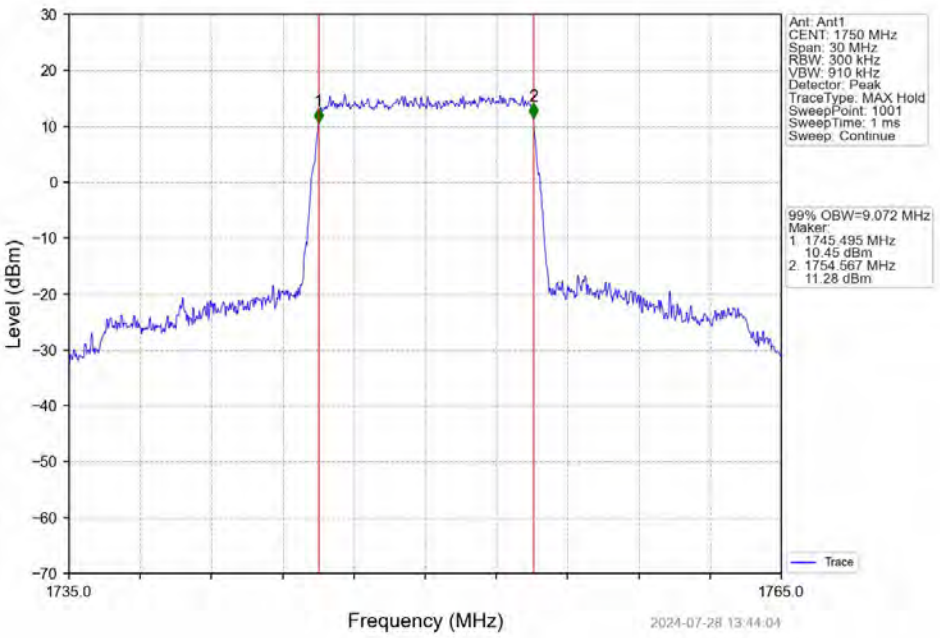
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



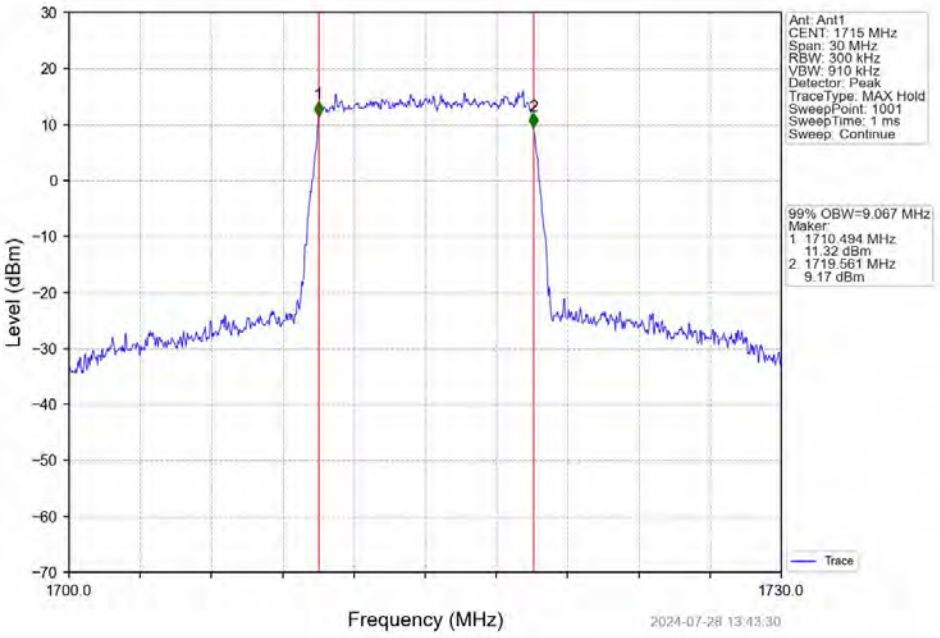
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



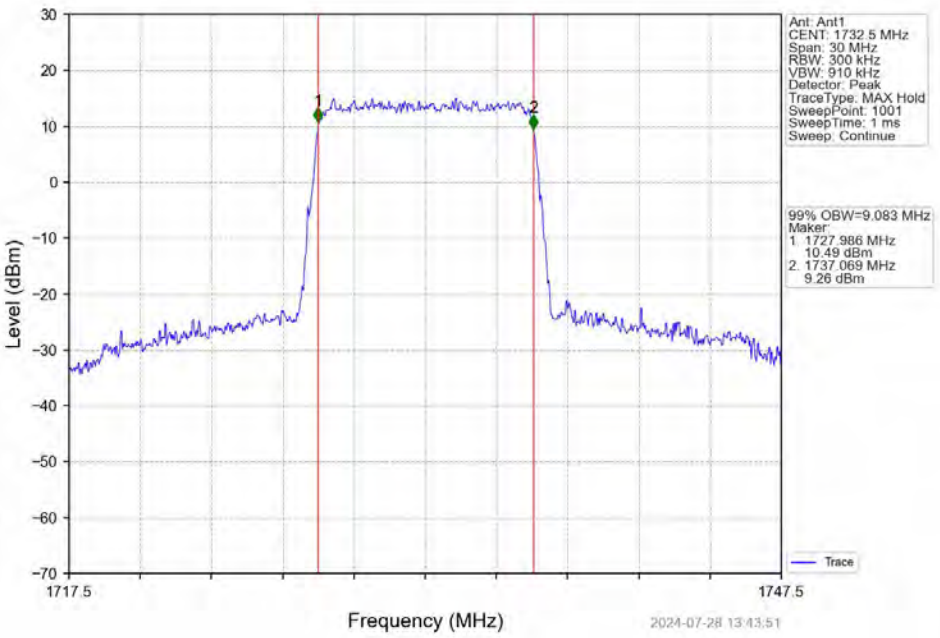
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



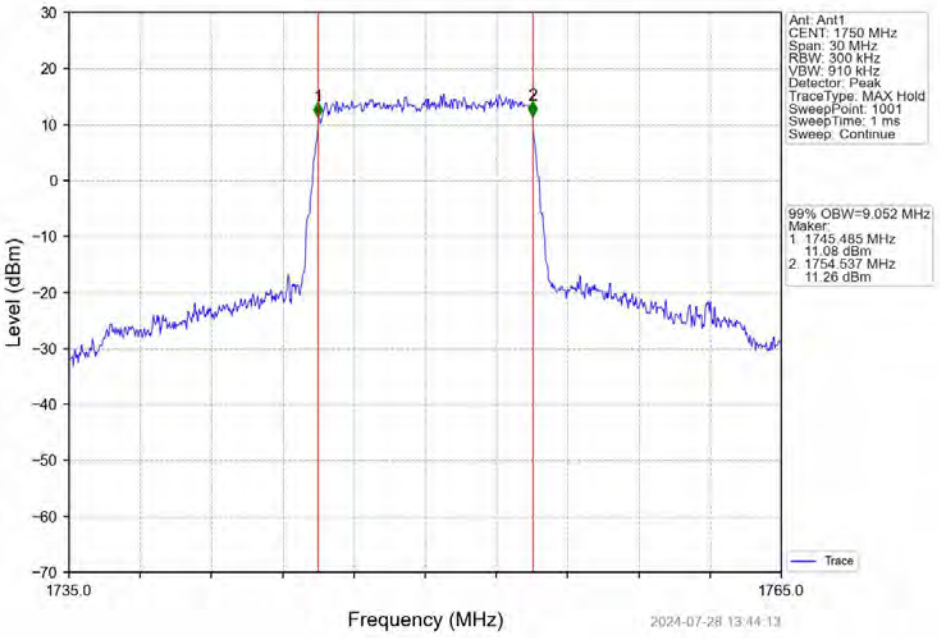
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



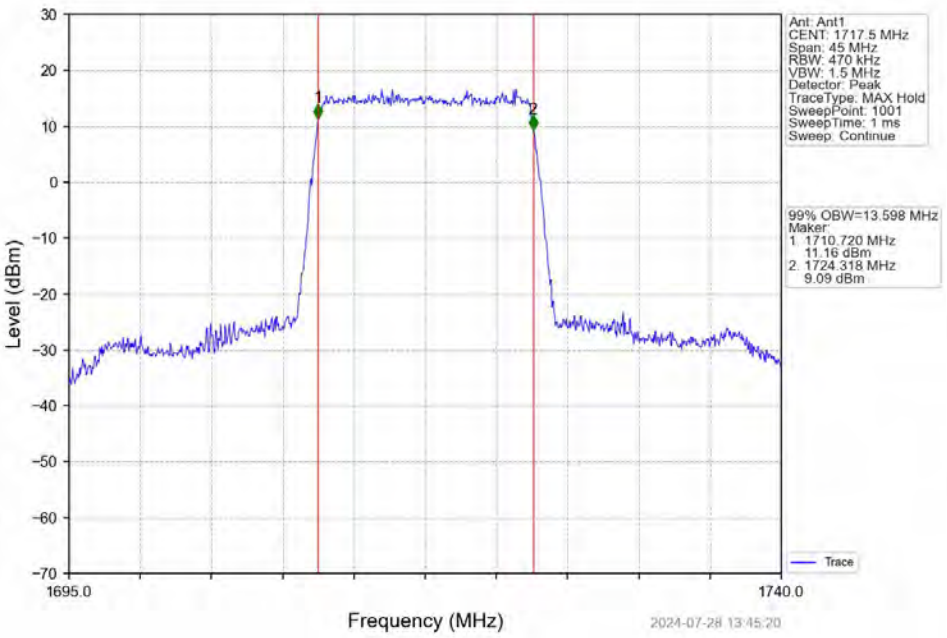
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



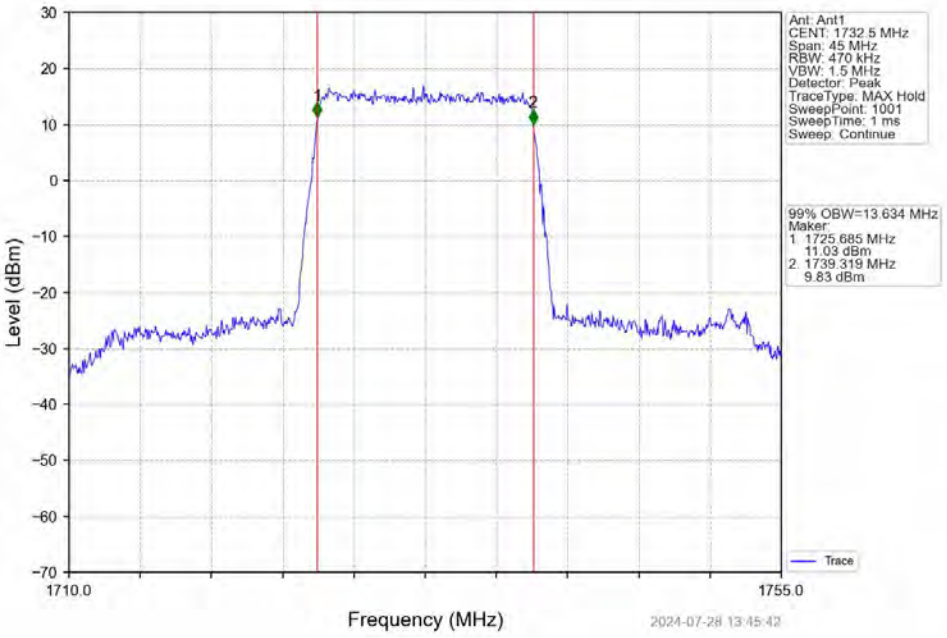
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



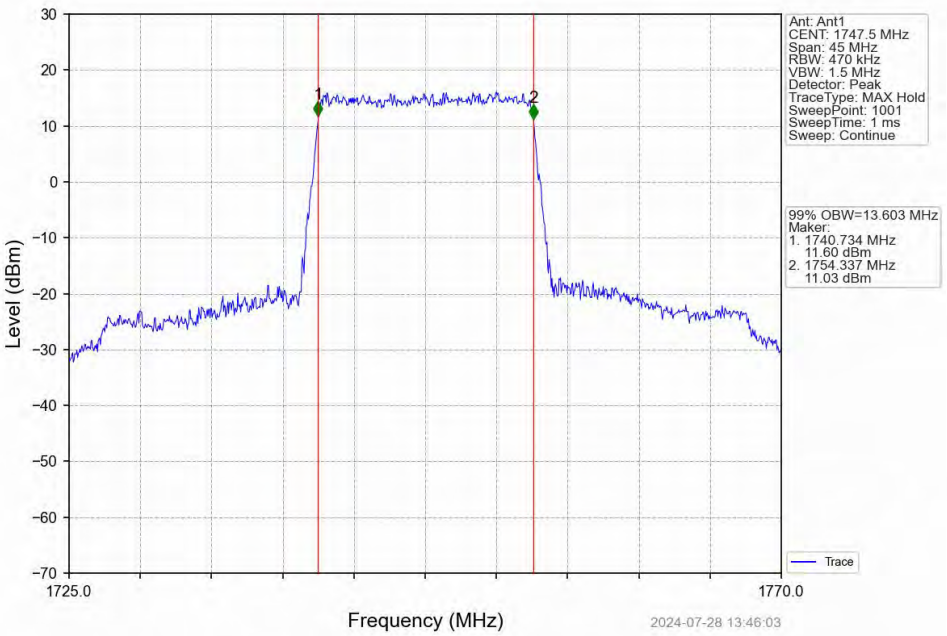
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



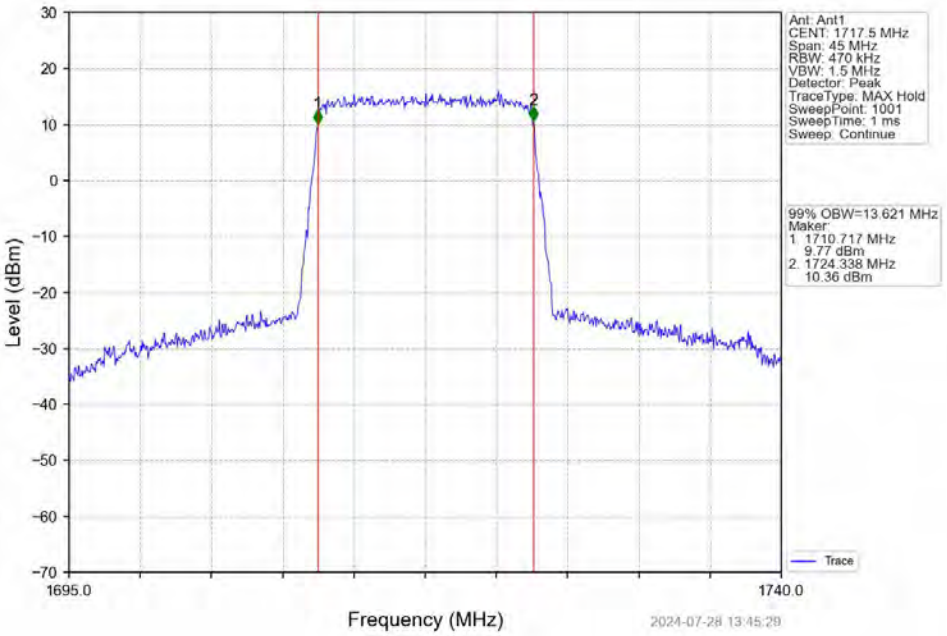
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



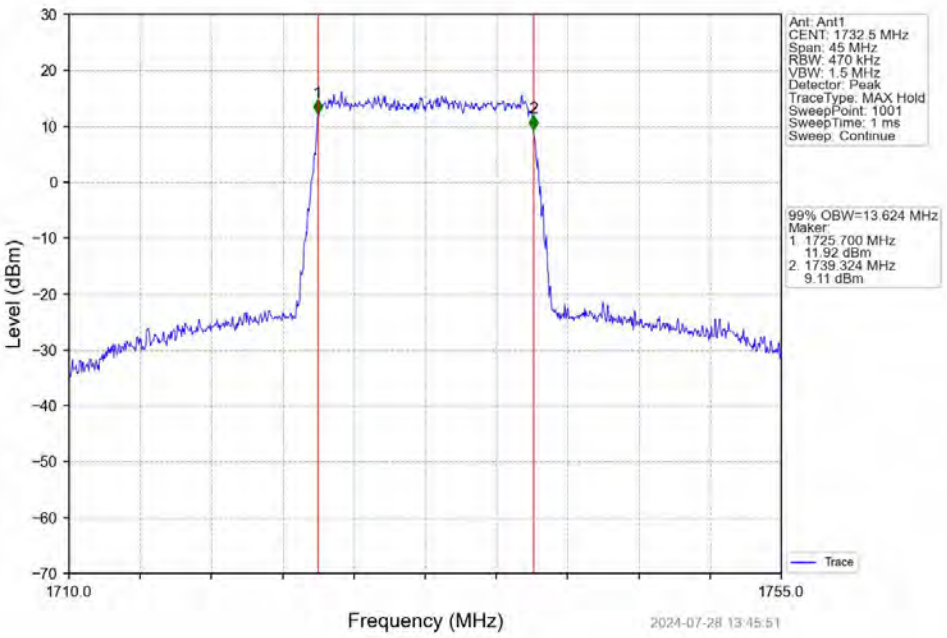
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



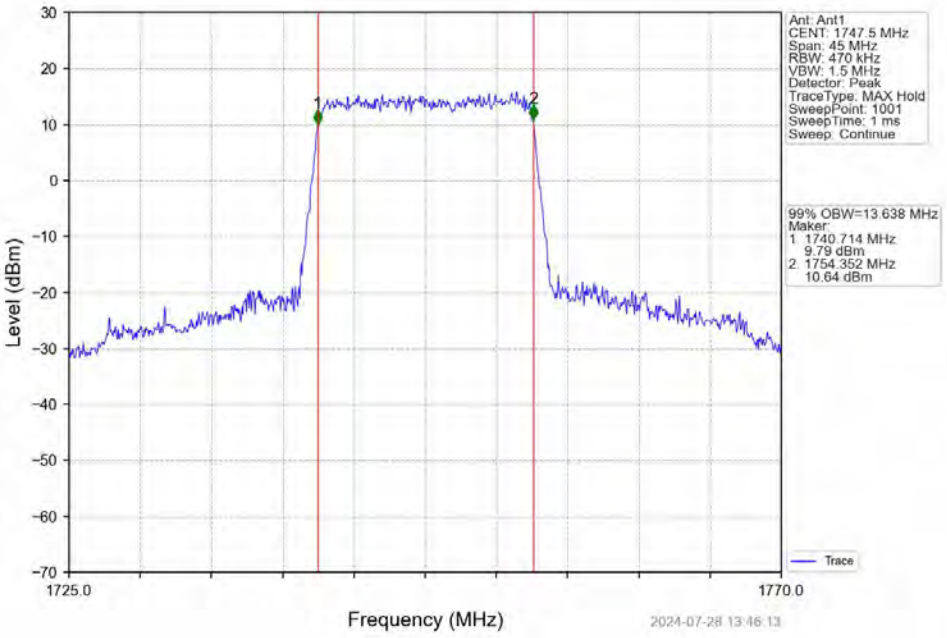
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



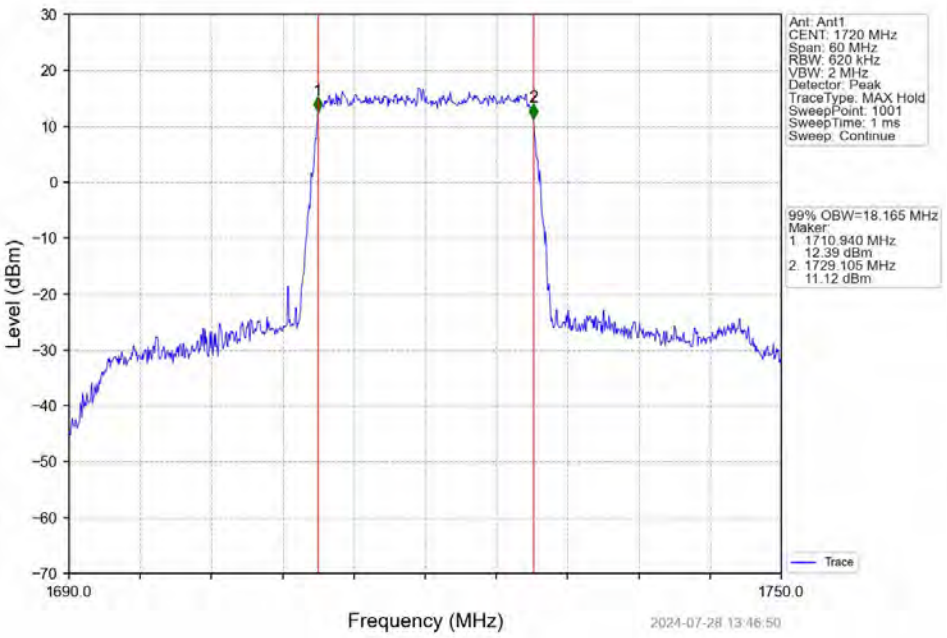
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



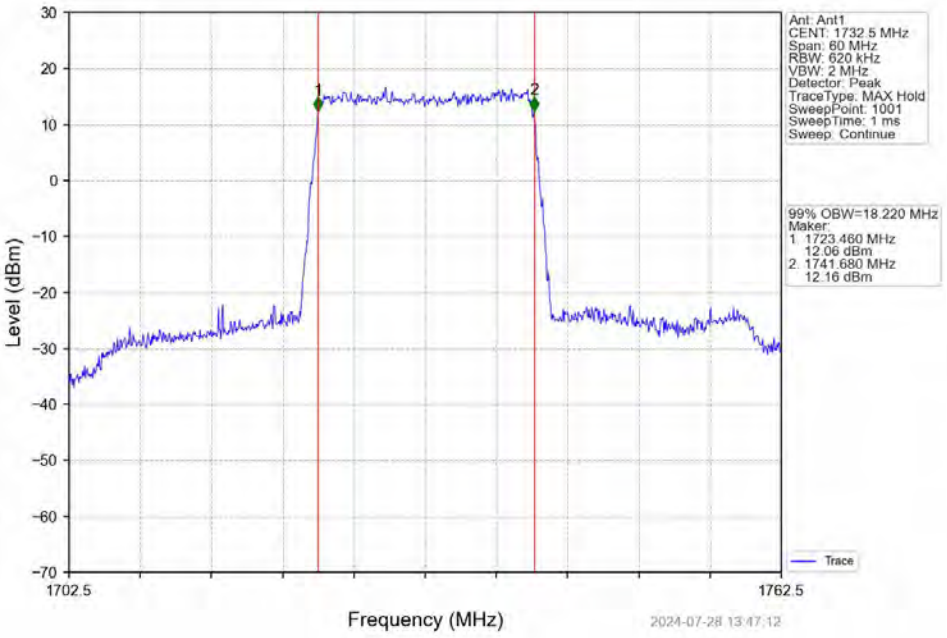
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



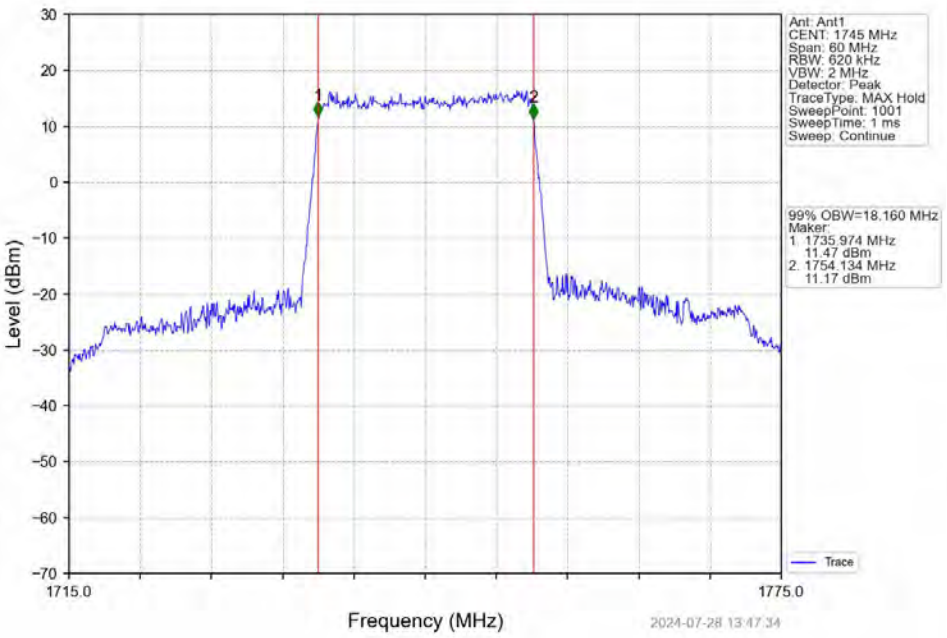
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



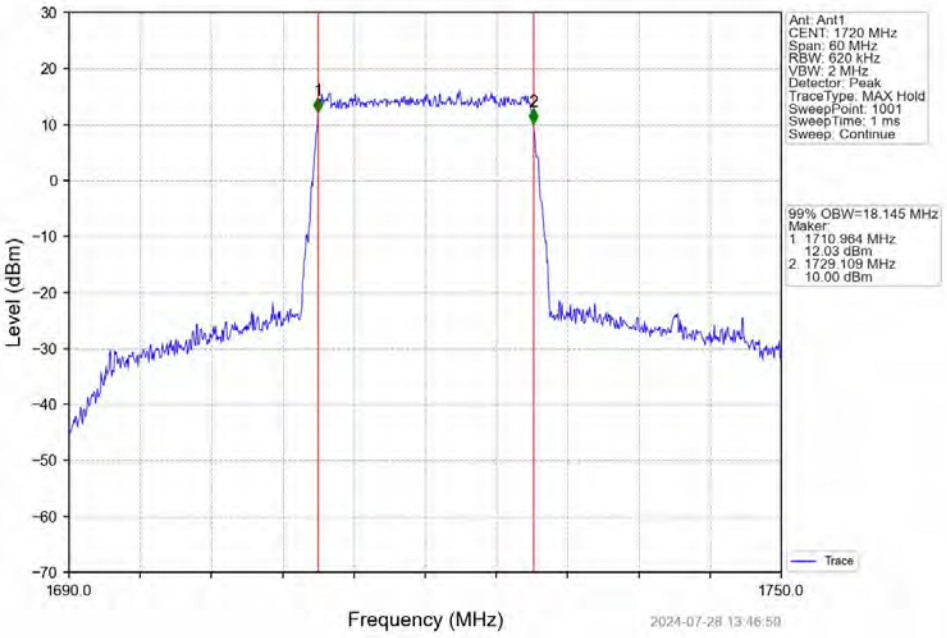
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



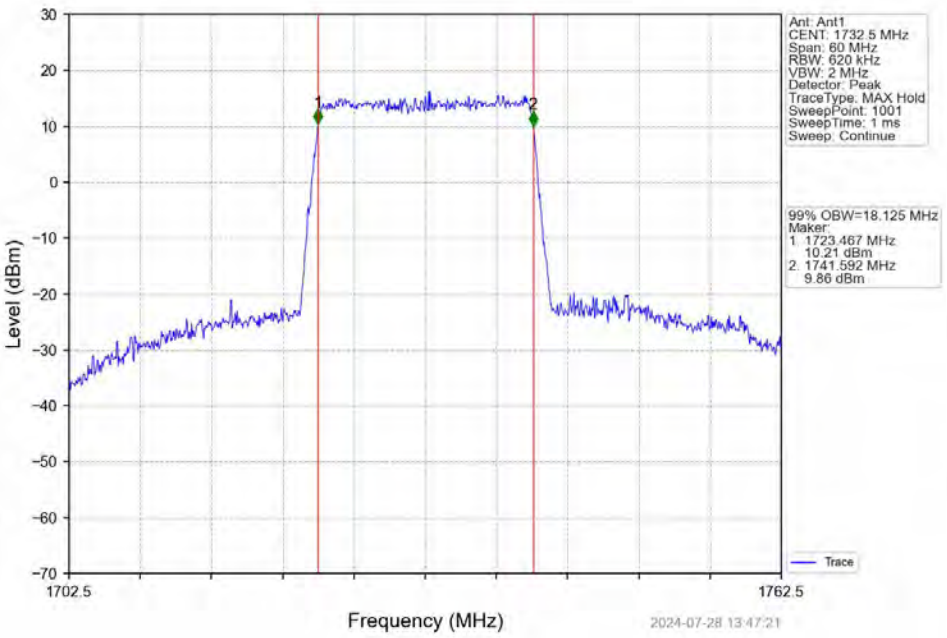
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



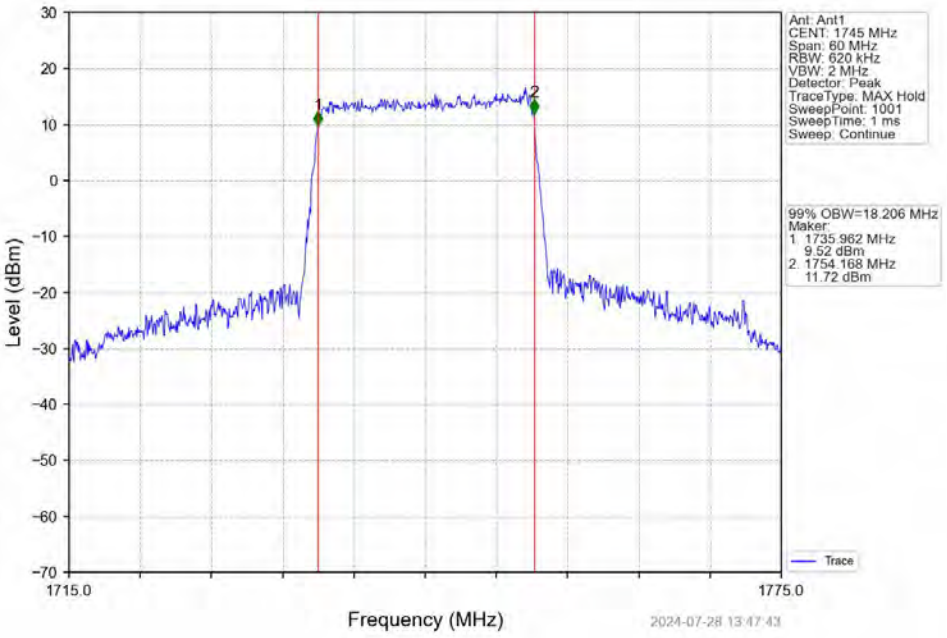
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

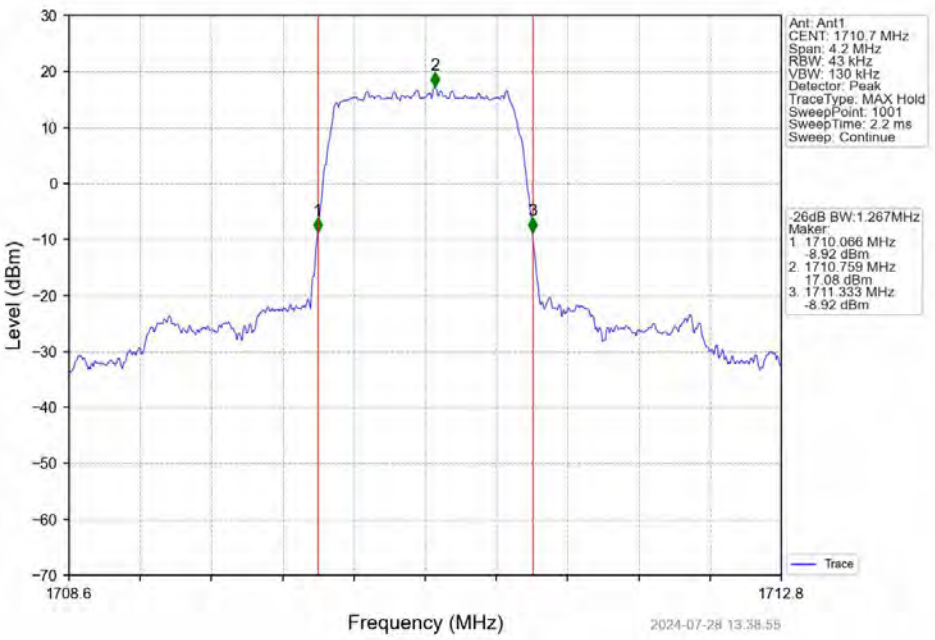


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

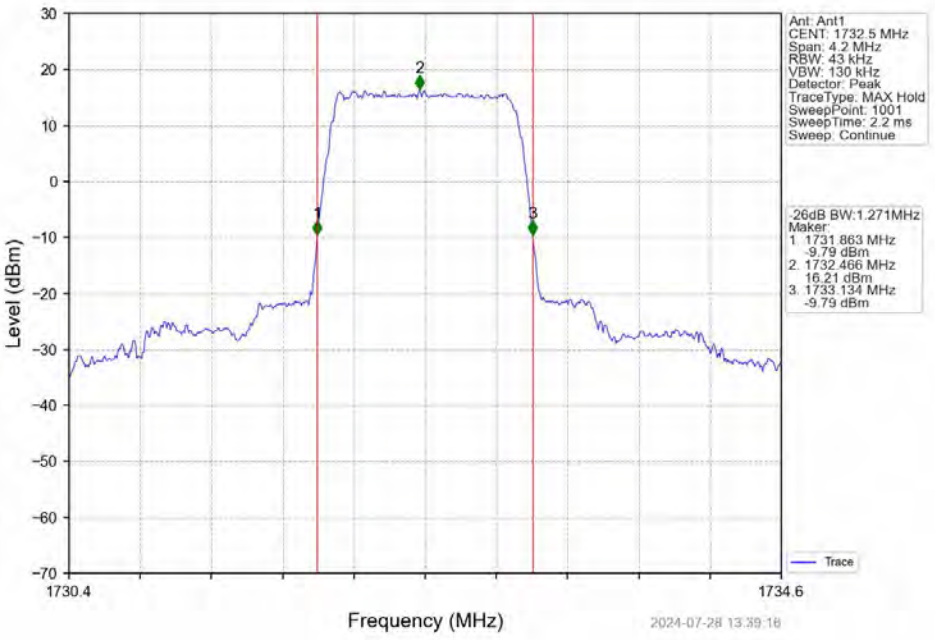


4.2.2 Band4_XDB

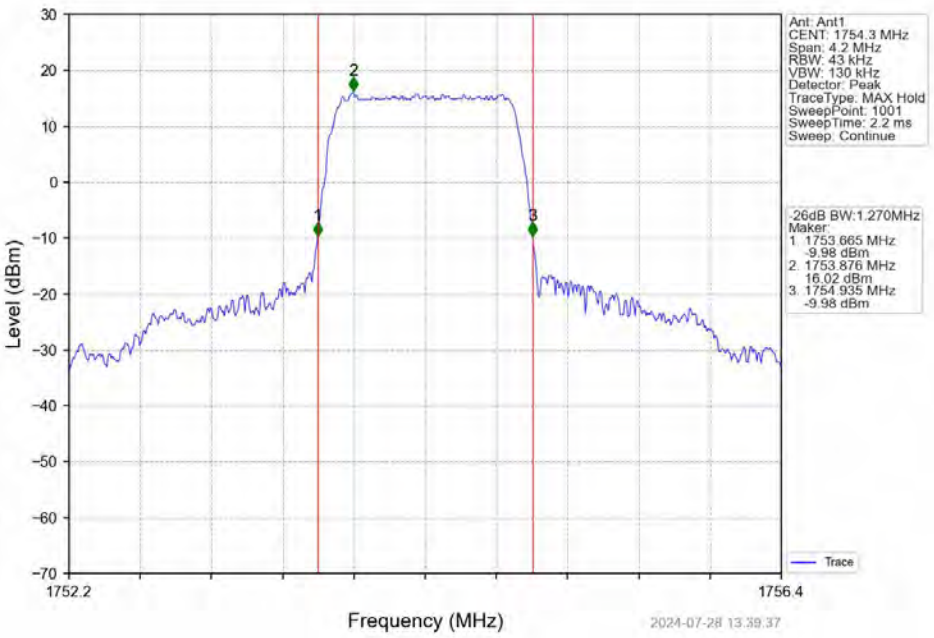
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



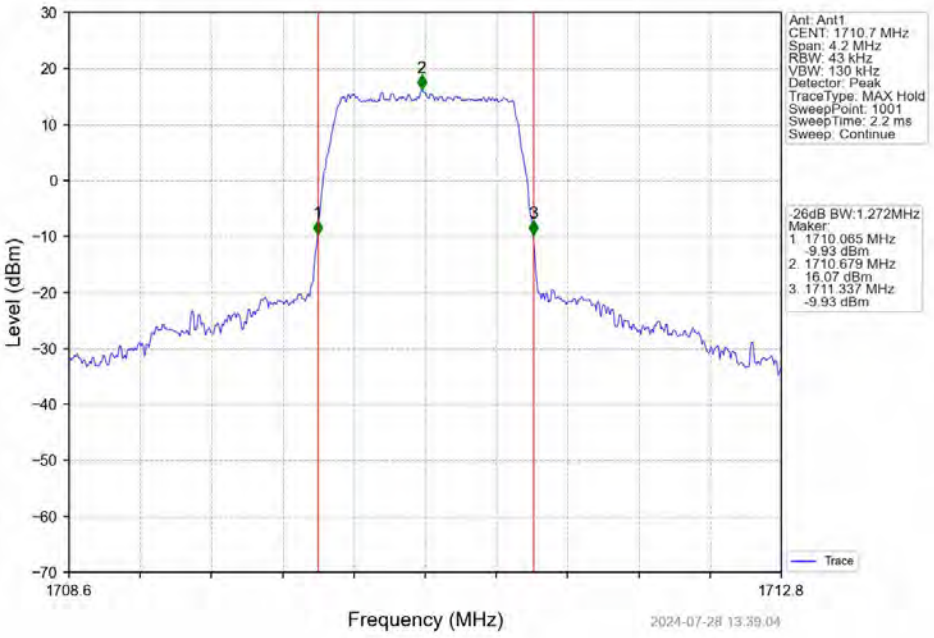
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



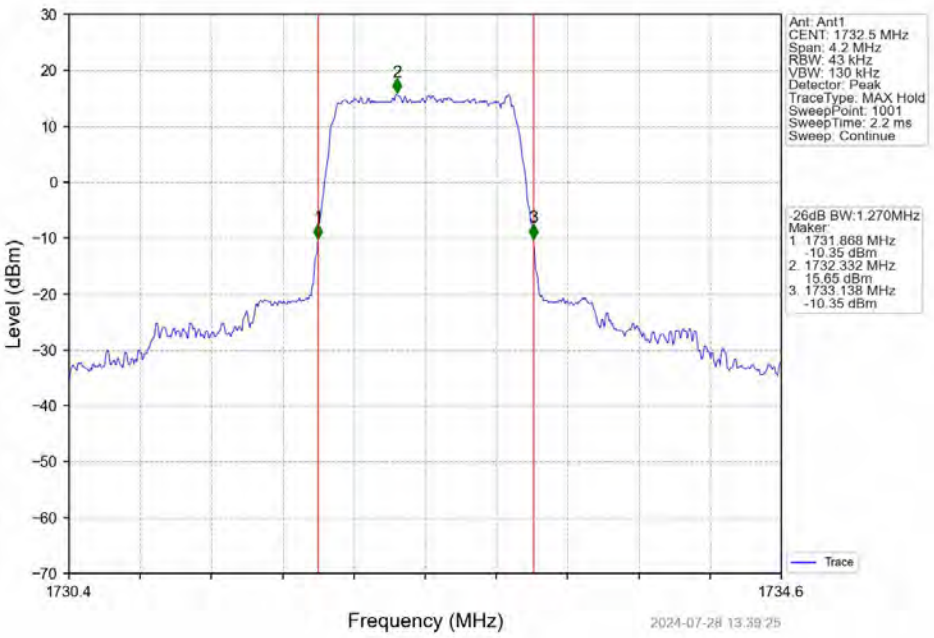
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



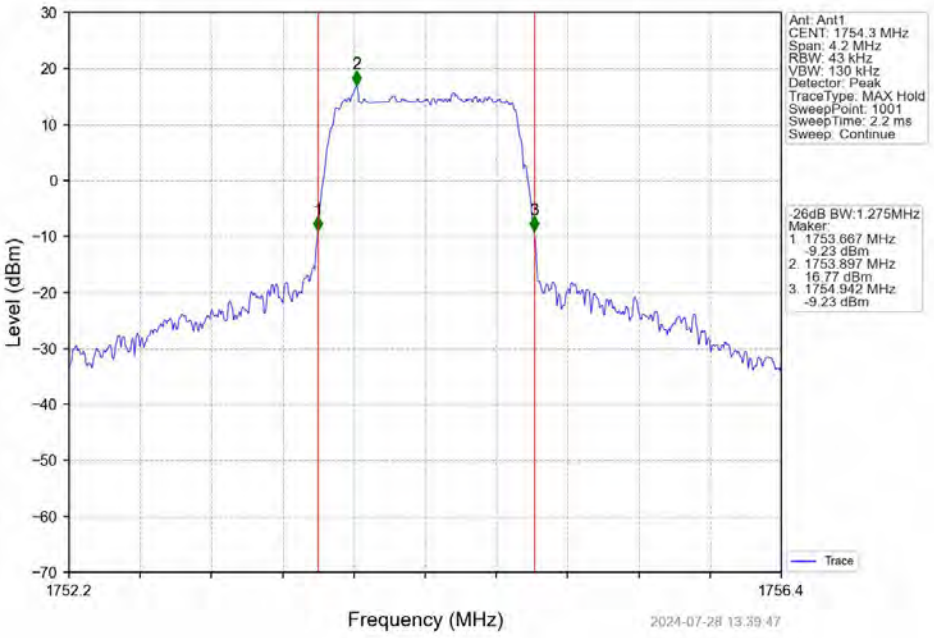
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



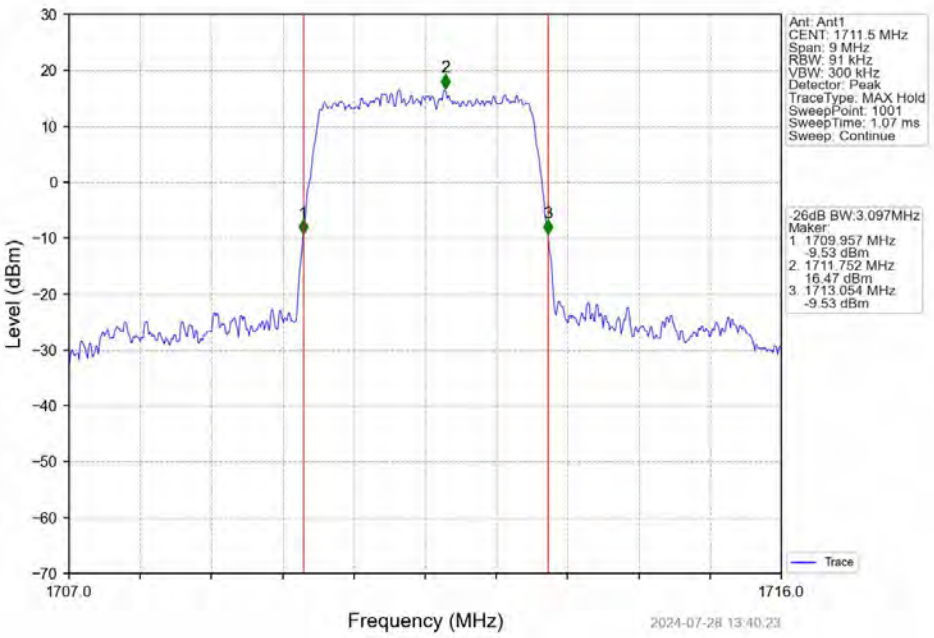
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



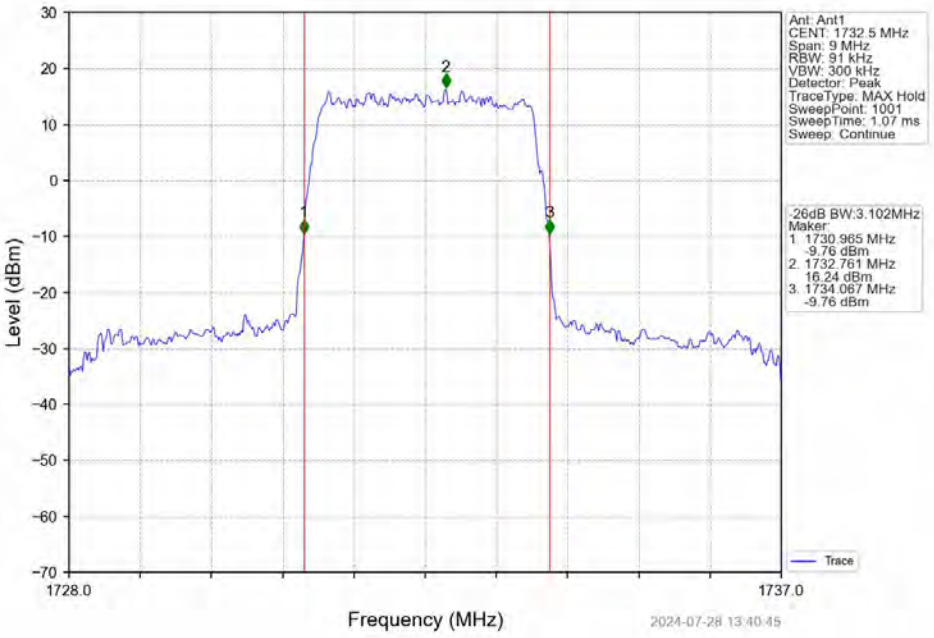
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



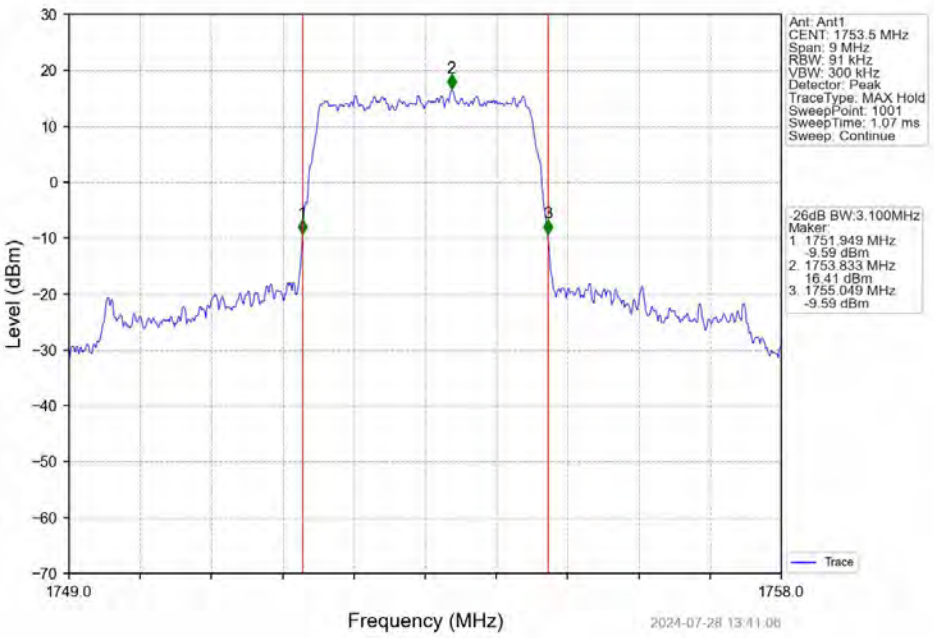
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



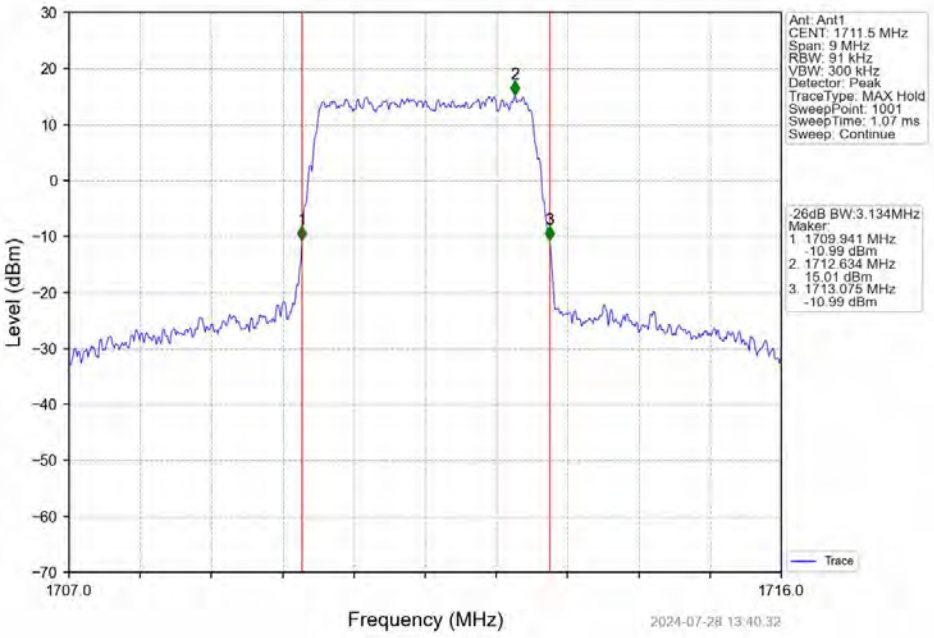
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



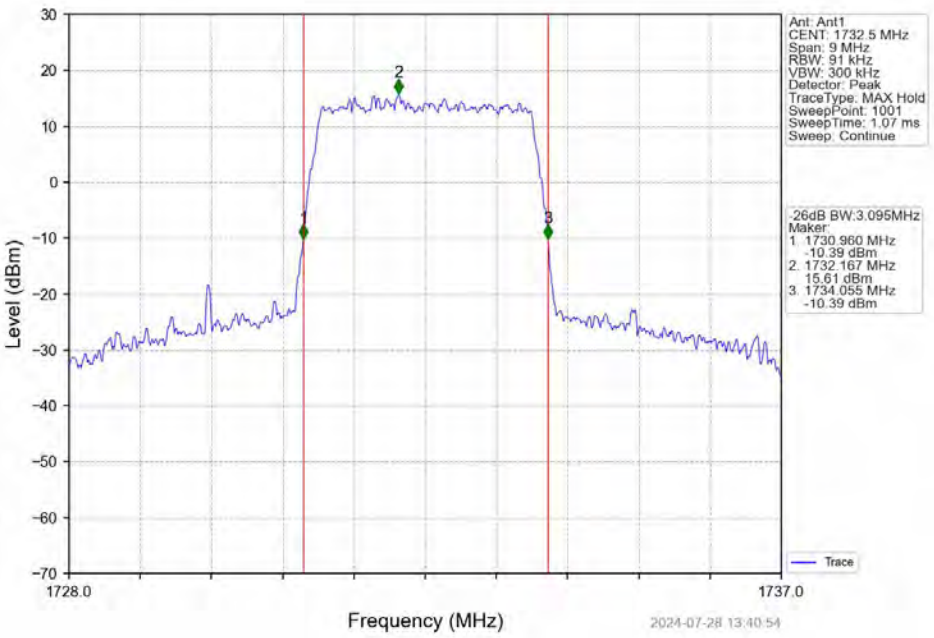
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



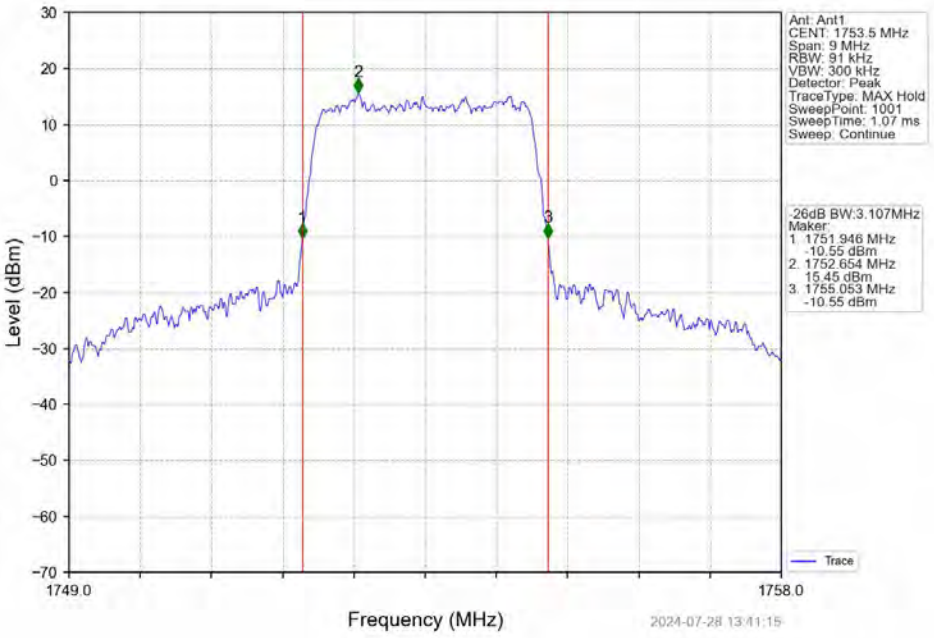
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



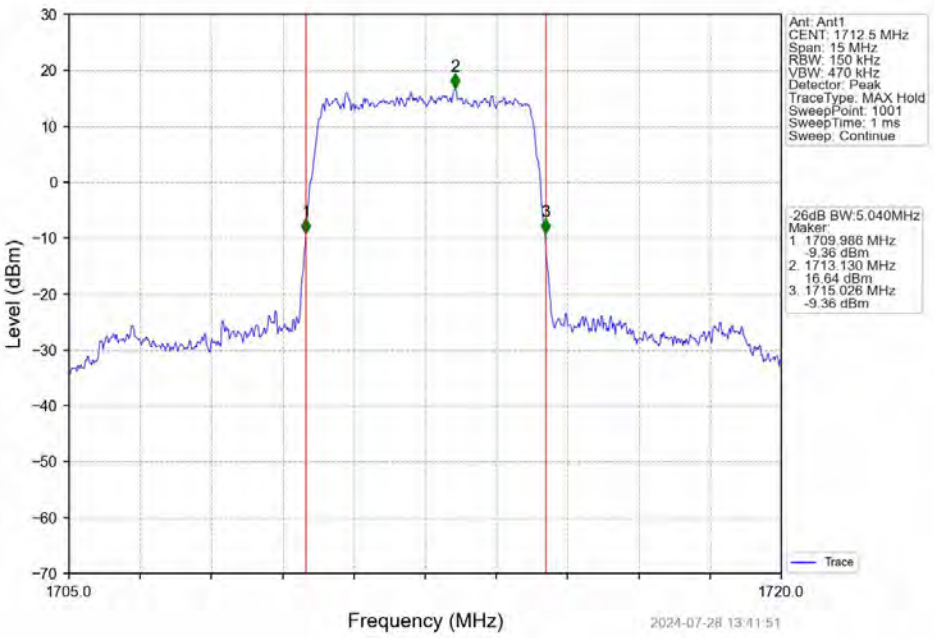
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



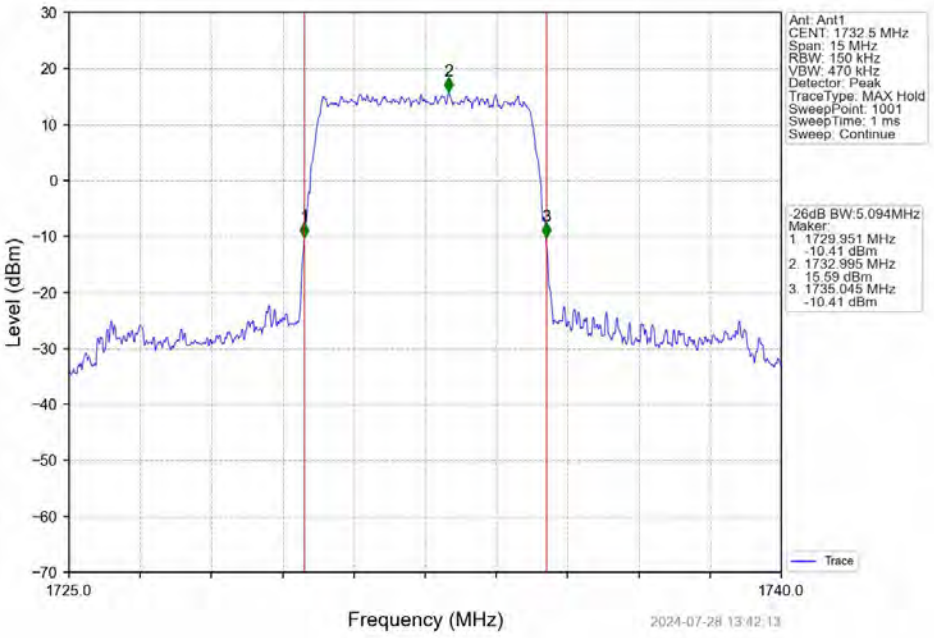
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



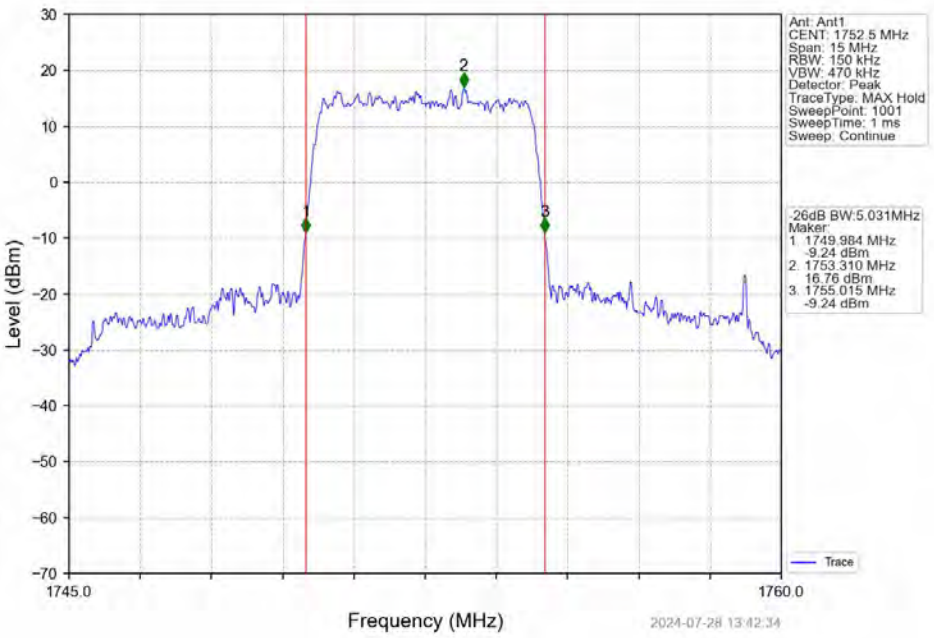
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



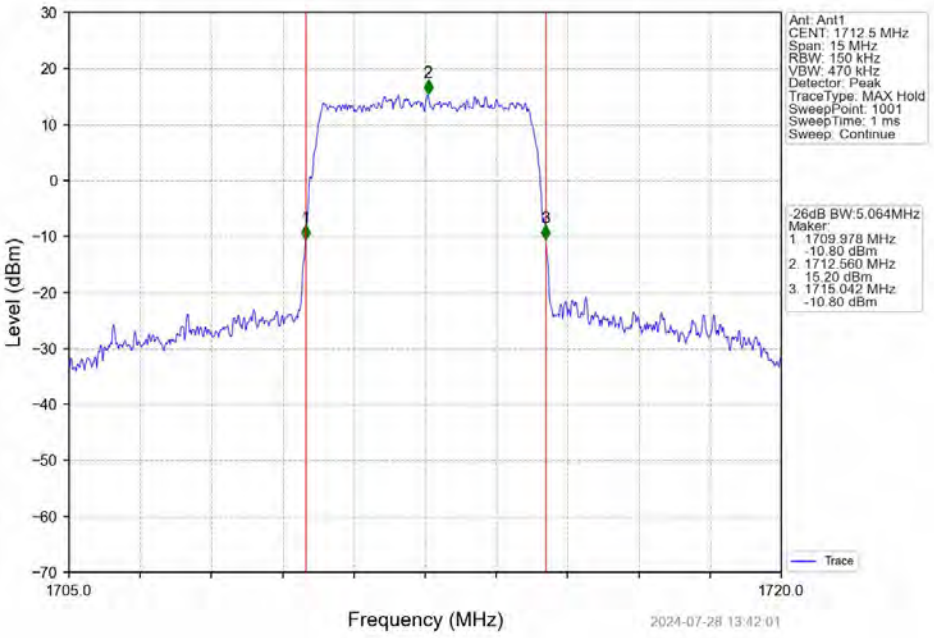
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



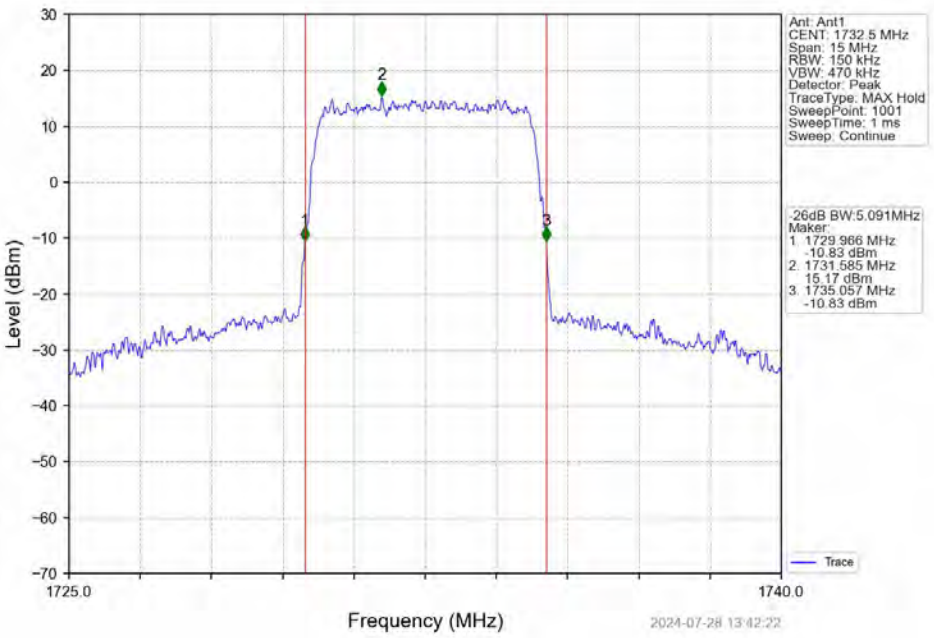
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



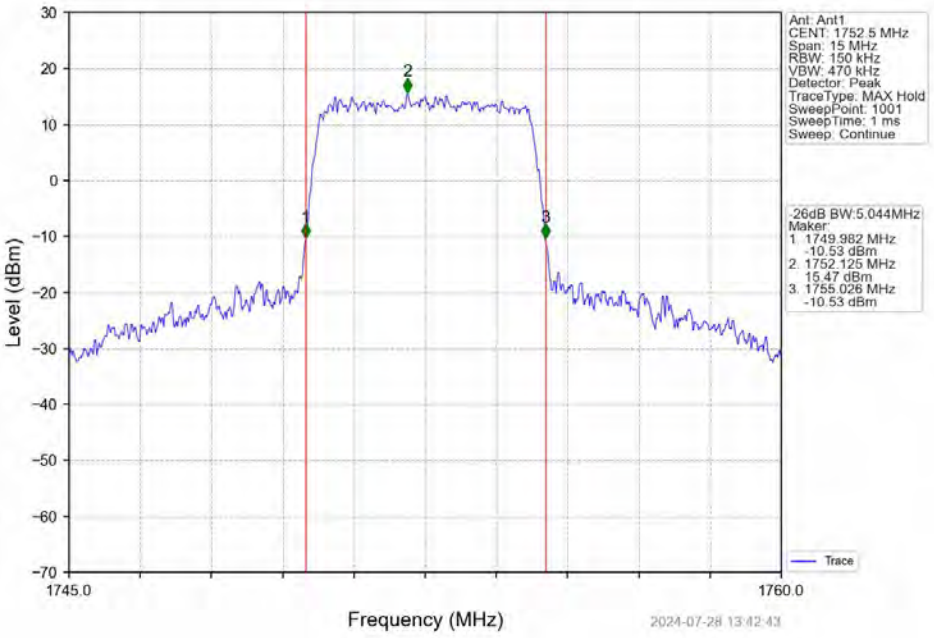
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



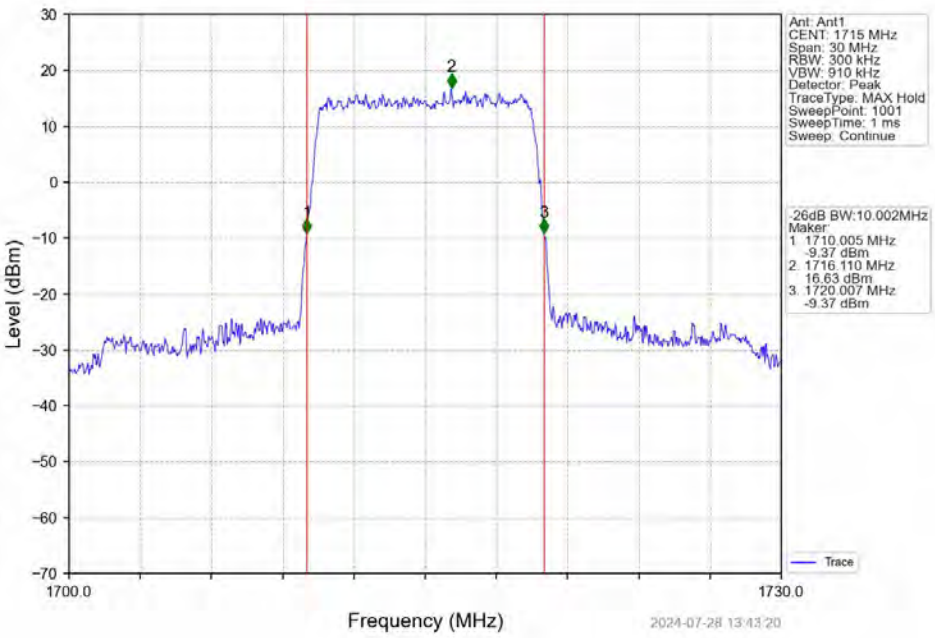
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



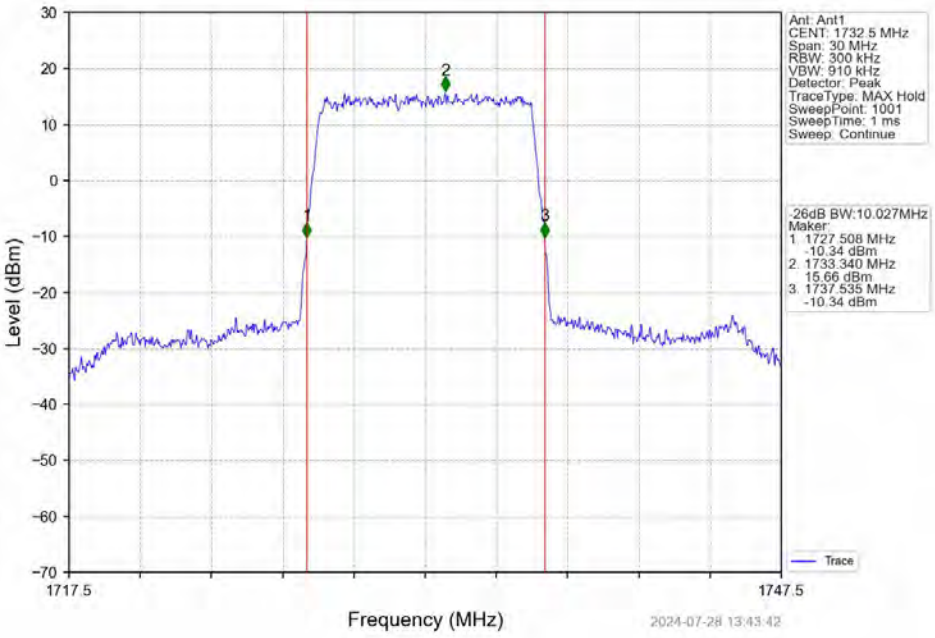
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



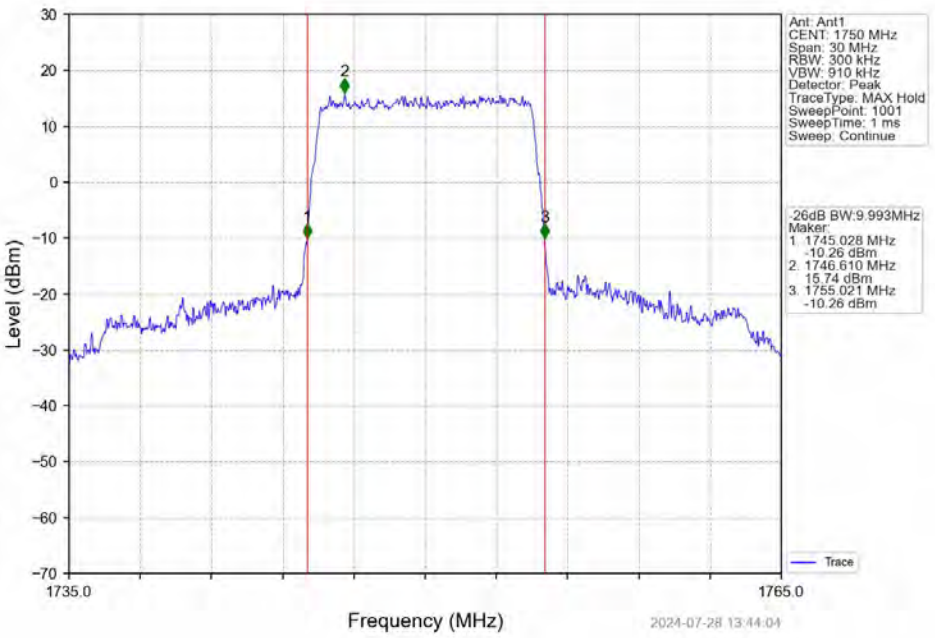
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



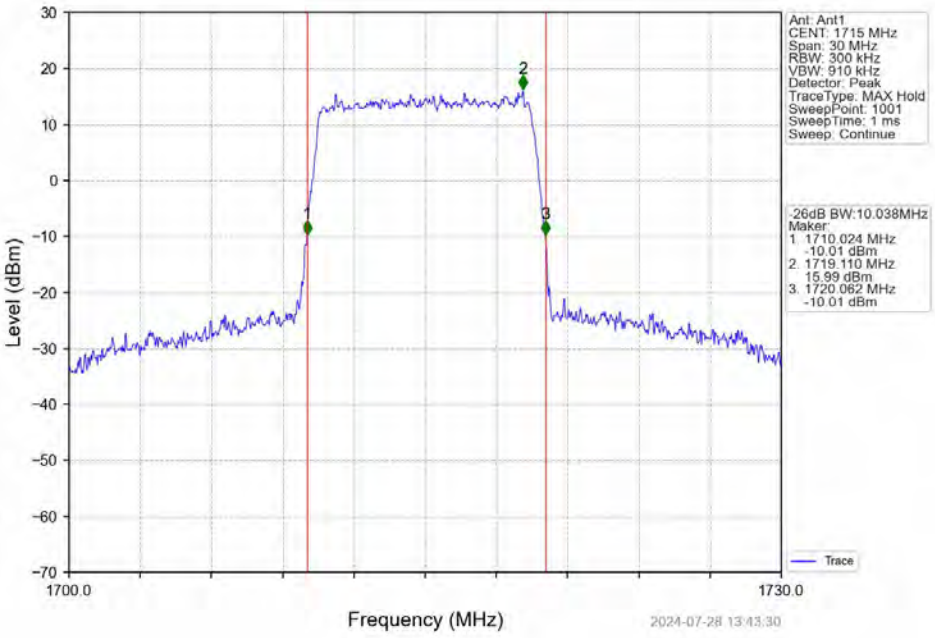
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



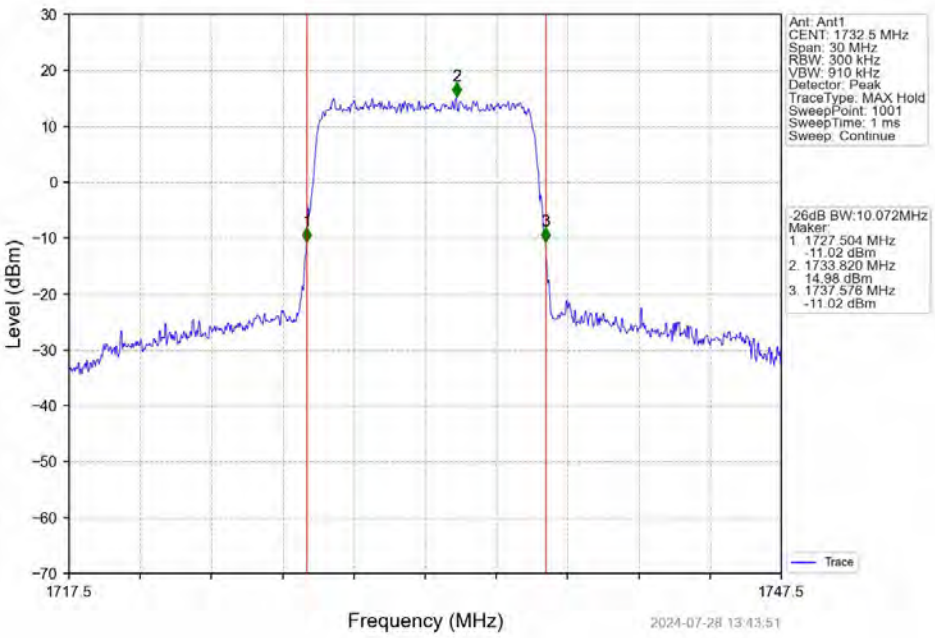
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



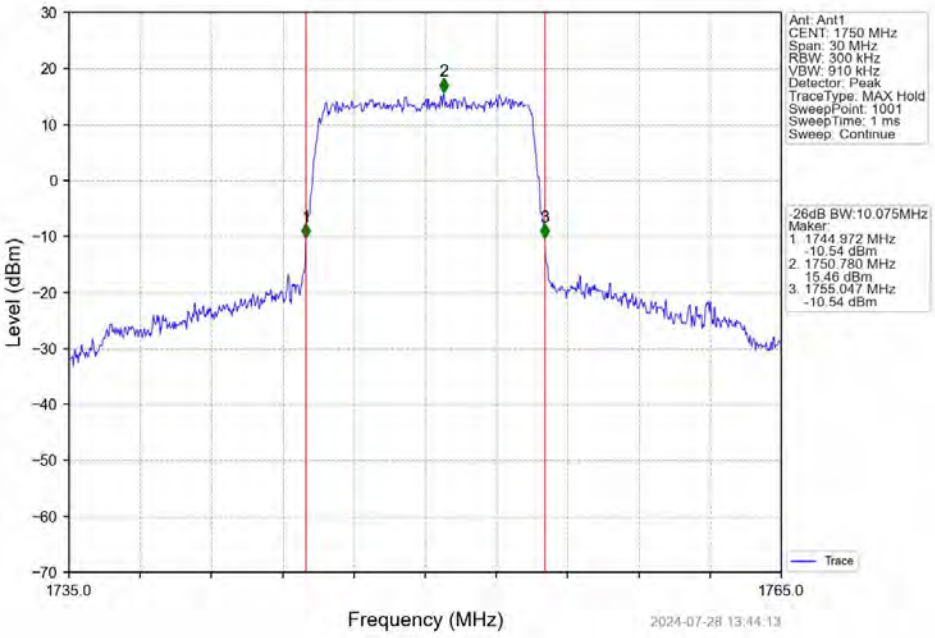
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



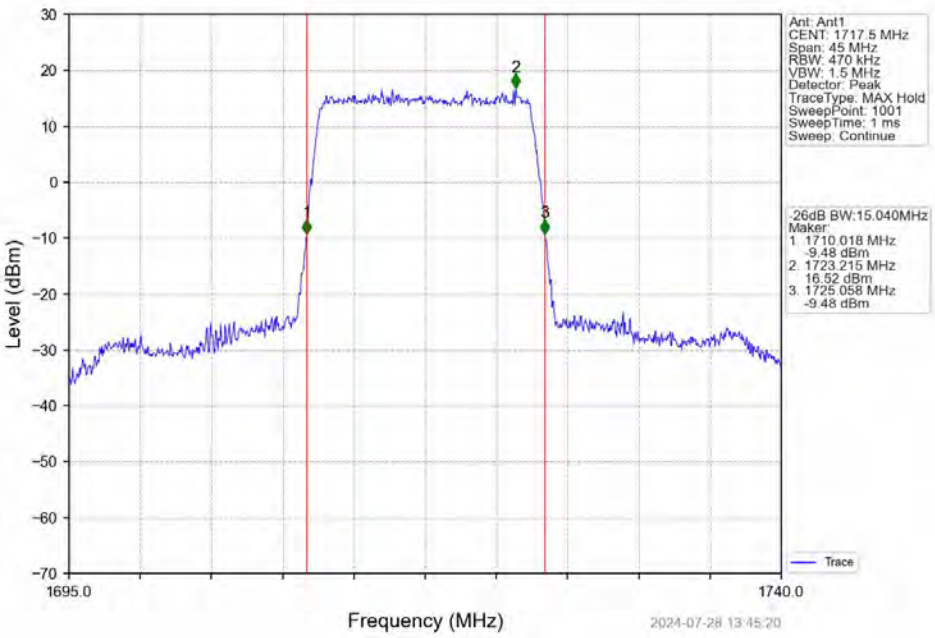
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



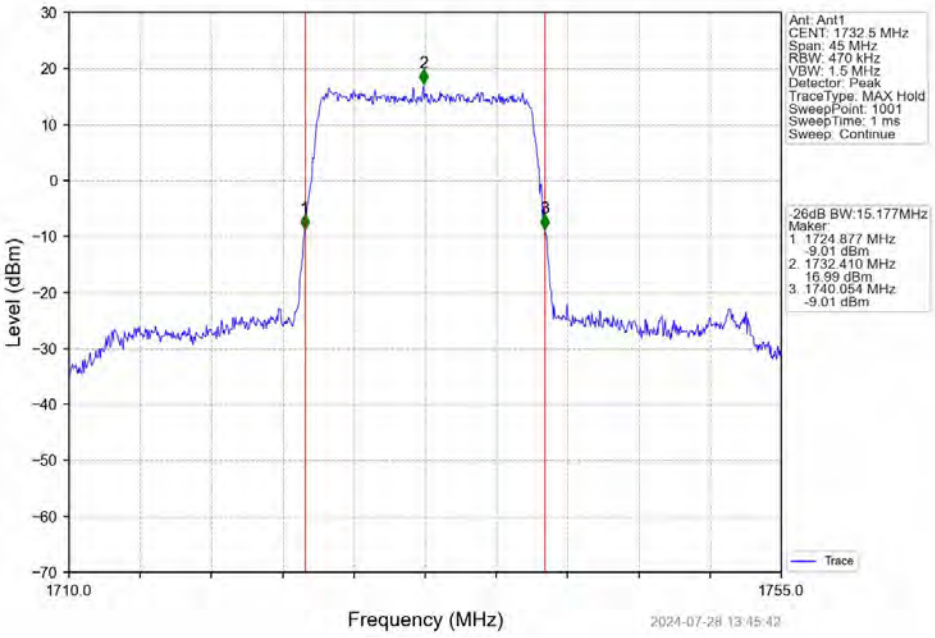
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



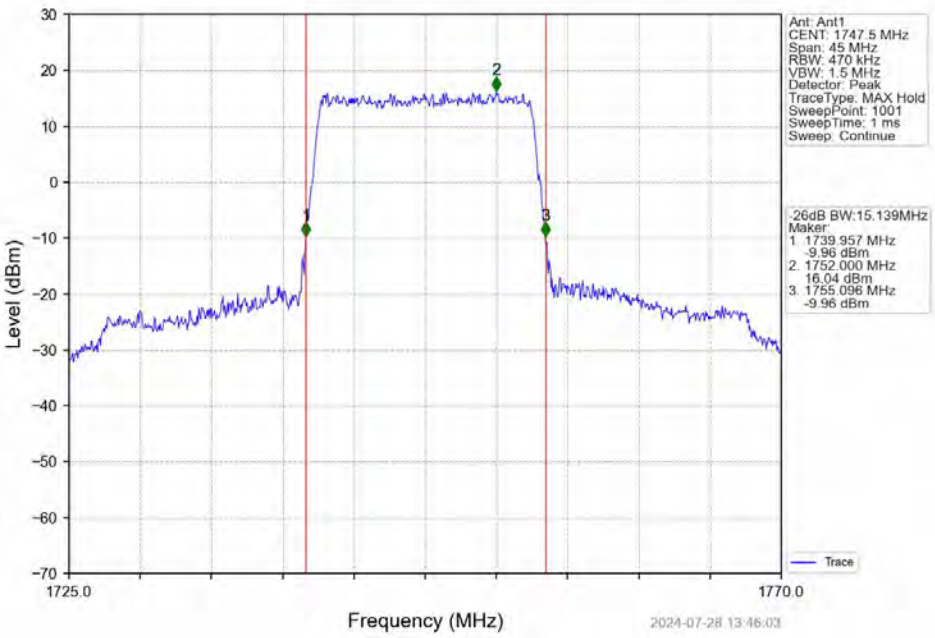
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



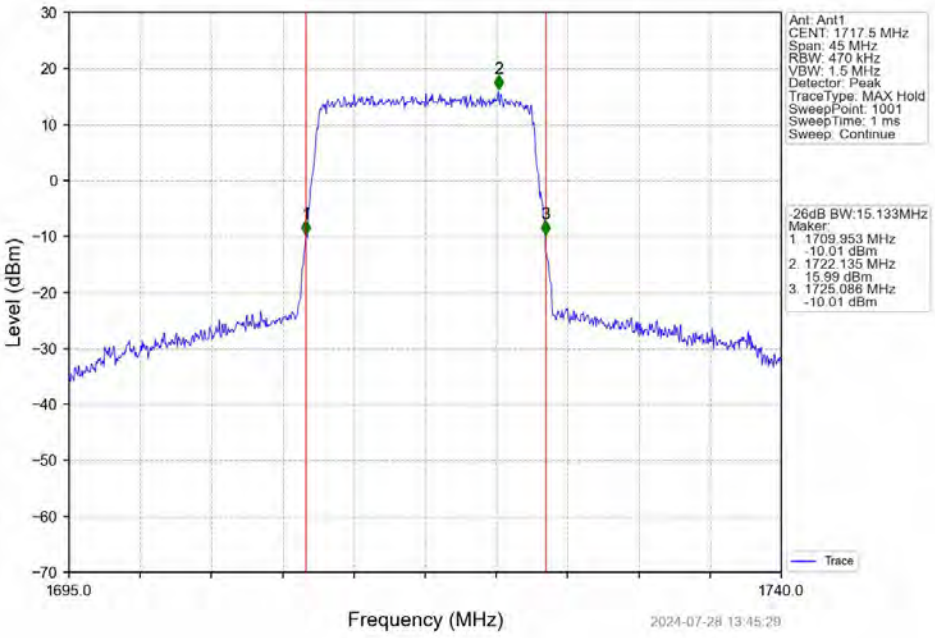
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



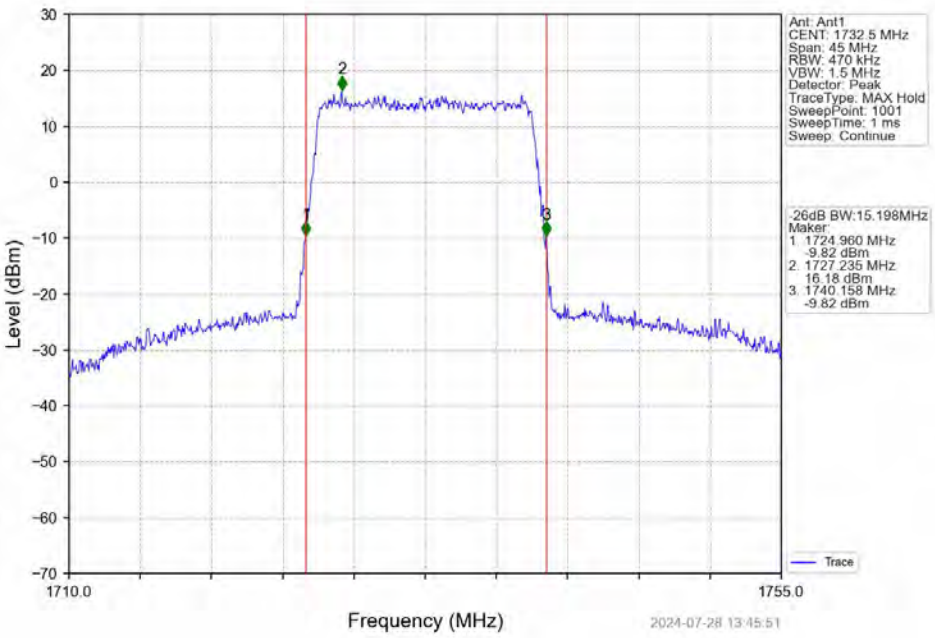
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



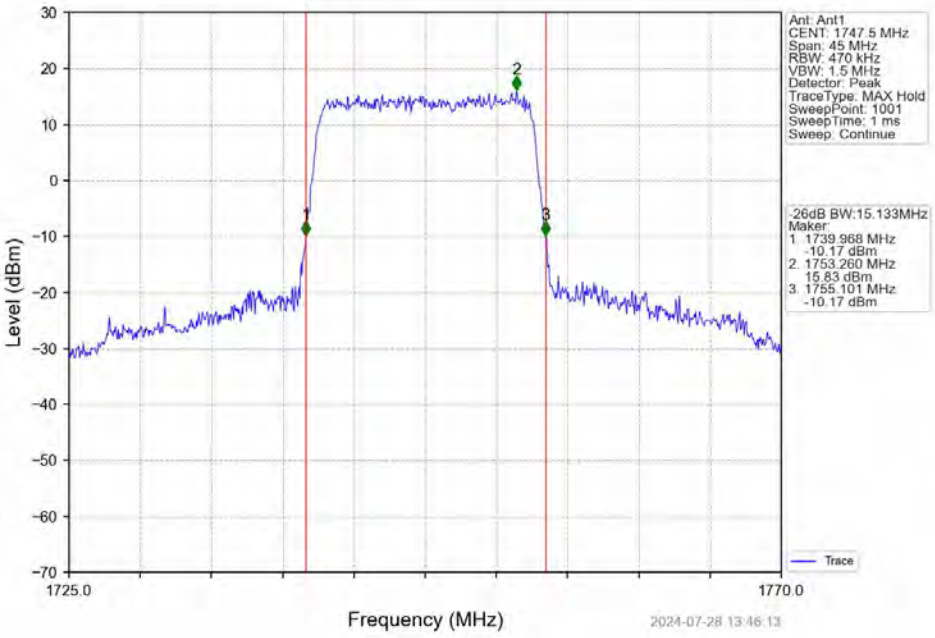
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



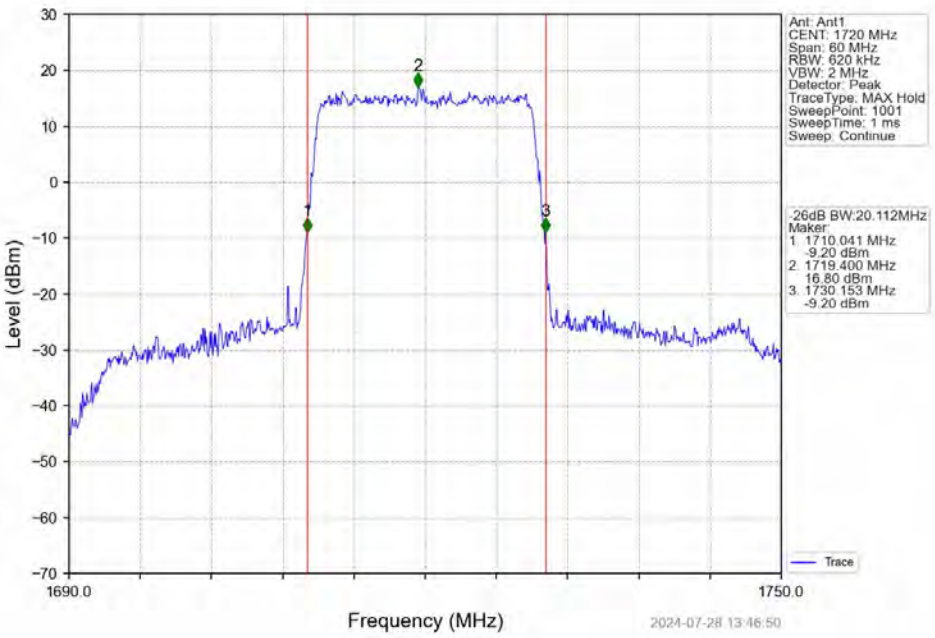
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



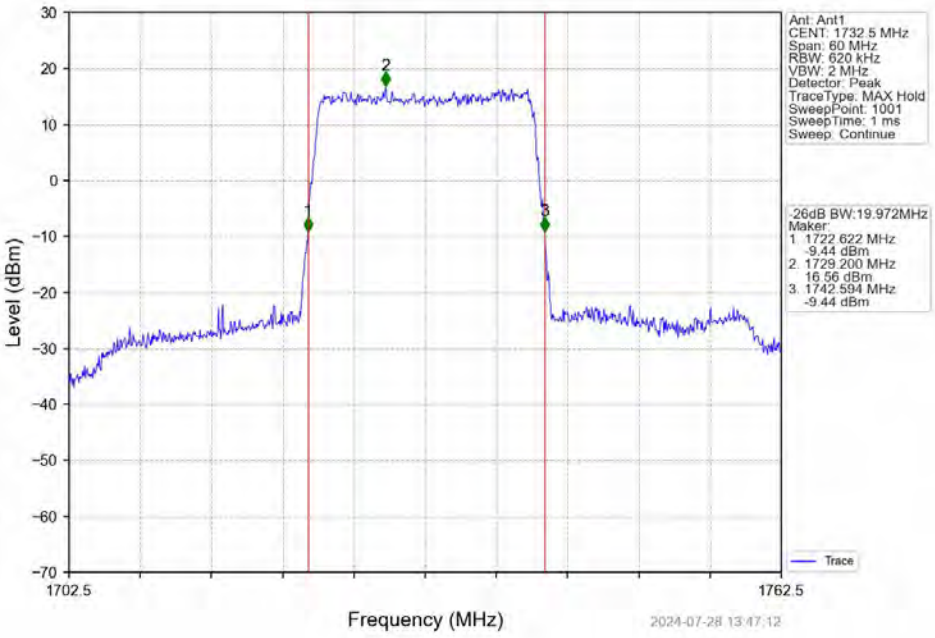
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



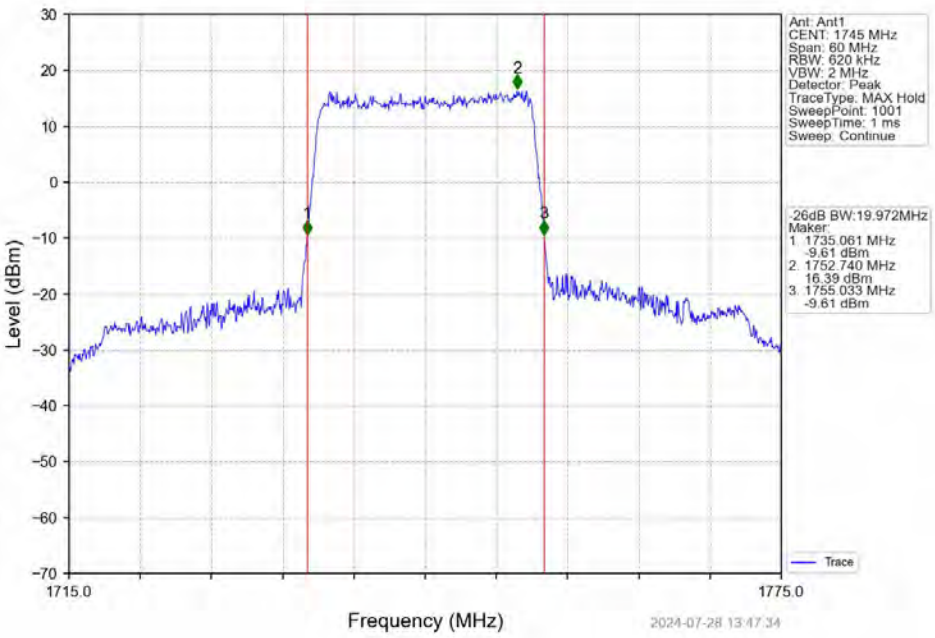
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



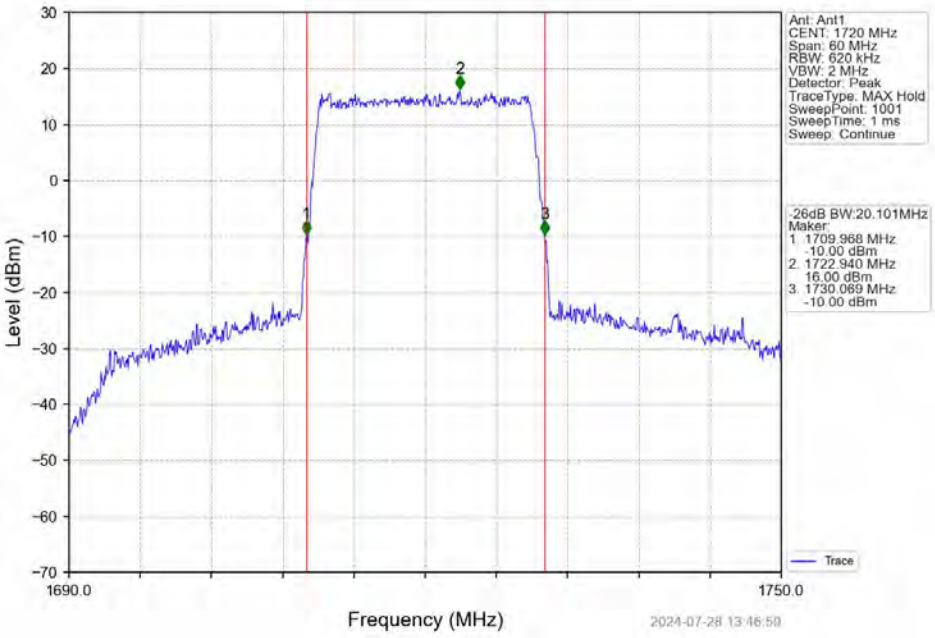
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



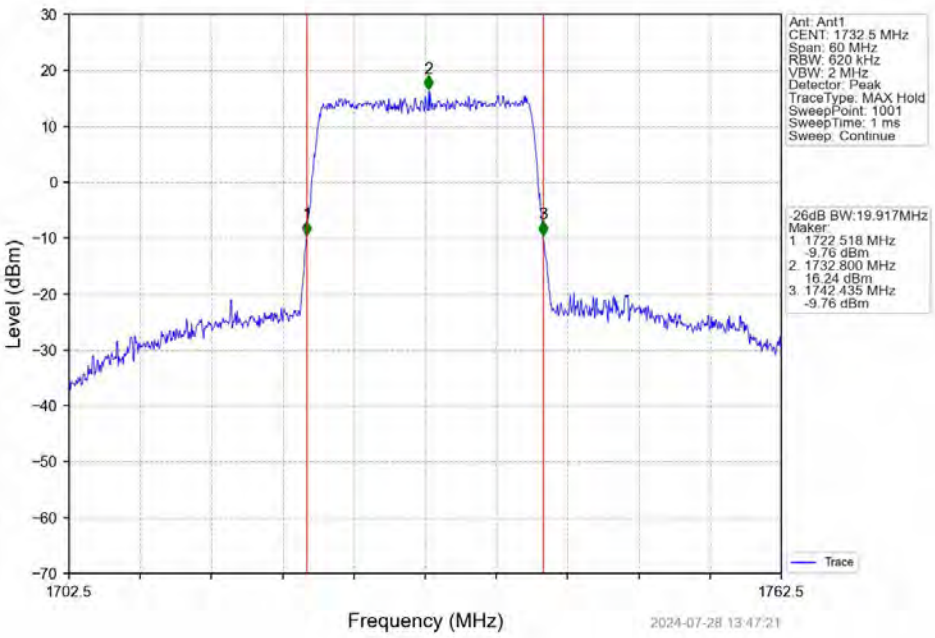
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



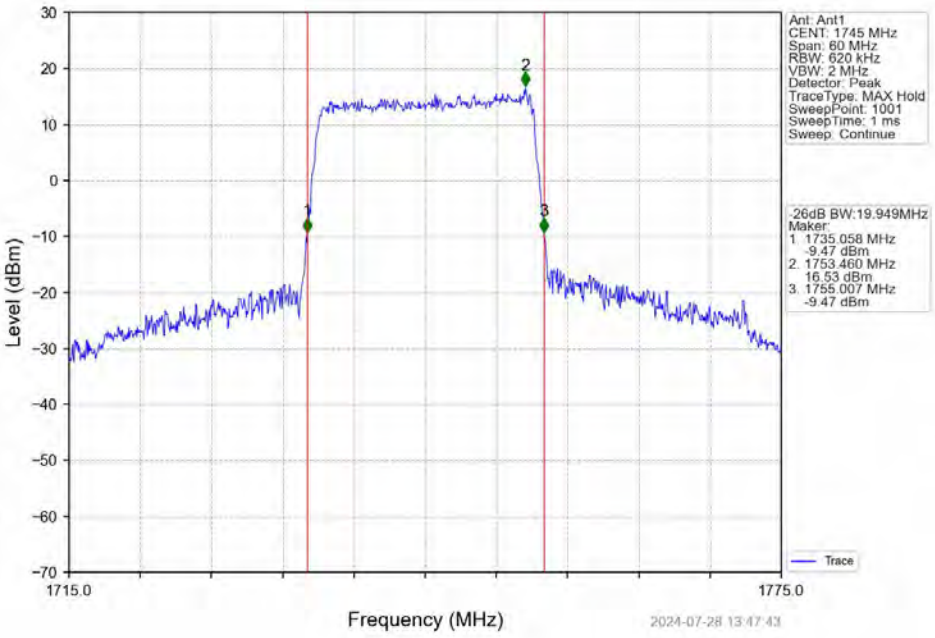
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.31	<=13	Pass
	1732.5	6	0	5.76	<=13	Pass
	1754.3	6	0	4.74	<=13	Pass
16QAM	1710.7	6	0	6.04	<=13	Pass
	1732.5	6	0	6.46	<=13	Pass
	1754.3	6	0	5.53	<=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	5.41	<=13	Pass
	1732.5	15	0	5.71	<=13	Pass
	1753.5	15	0	4.85	<=13	Pass
16QAM	1711.5	15	0	6.22	<=13	Pass
	1732.5	15	0	6.53	<=13	Pass
	1753.5	15	0	5.68	<=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	5.52	<=13	Pass
	1732.5	25	0	5.74	<=13	Pass
	1752.5	25	0	5.05	<=13	Pass
16QAM	1712.5	25	0	6.27	<=13	Pass
	1732.5	25	0	6.47	<=13	Pass
	1752.5	25	0	5.79	<=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	5.60	<=13	Pass
	1732.5	50	0	5.75	<=13	Pass
	1750	50	0	5.14	<=13	Pass
16QAM	1715	50	0	6.30	<=13	Pass
	1732.5	50	0	6.55	<=13	Pass

	1750	50	0	5.86	<=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	5.88	<=13	Pass
	1732.5	75	0	6.00	<=13	Pass
	1747.5	75	0	5.33	<=13	Pass
16QAM	1717.5	75	0	6.43	<=13	Pass
	1732.5	75	0	6.52	<=13	Pass
	1747.5	75	0	5.97	<=13	Pass

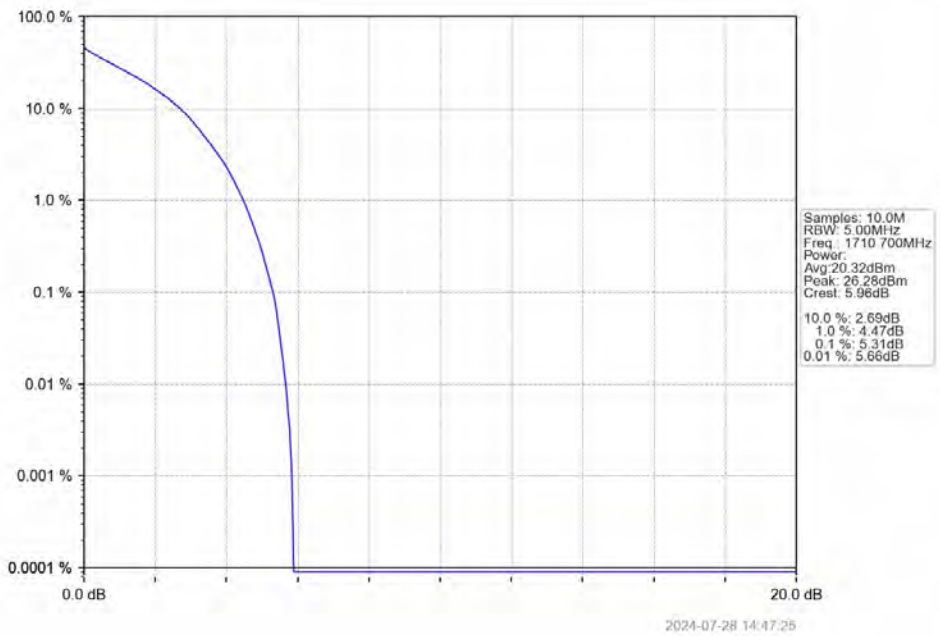
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.71	<=13	Pass
	1732.5	100	0	5.74	<=13	Pass
	1745	100	0	5.37	<=13	Pass
16QAM	1720	100	0	6.44	<=13	Pass
	1732.5	100	0	6.49	<=13	Pass
	1745	100	0	6.14	<=13	Pass

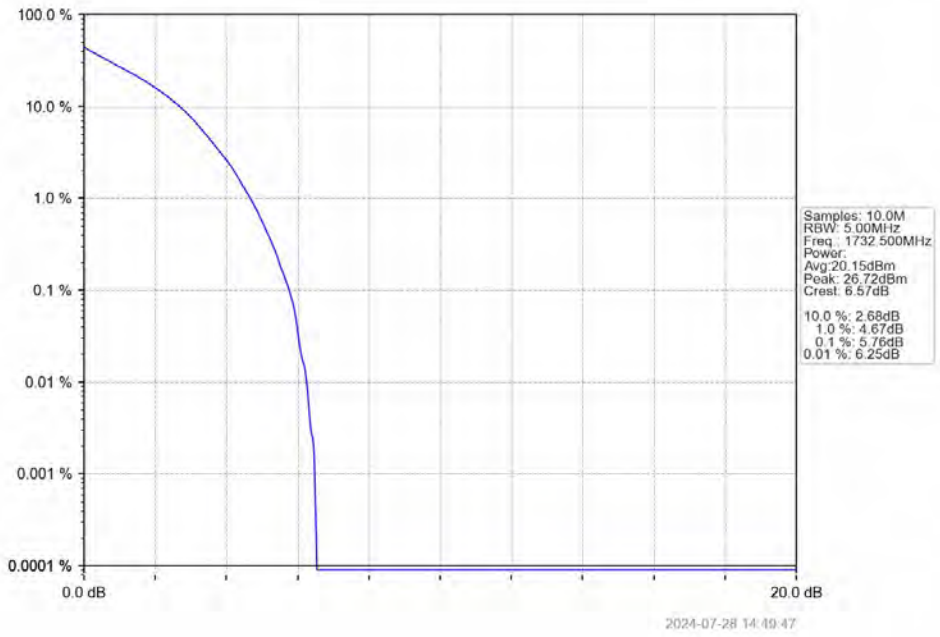
5.2 Test Graph

5.2.1 B4_1.4MHz

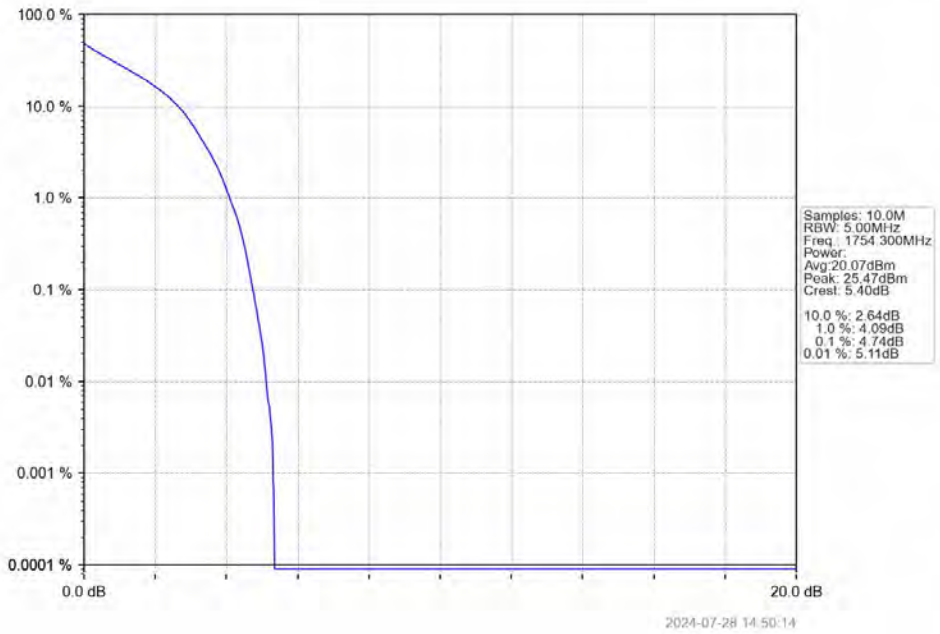
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



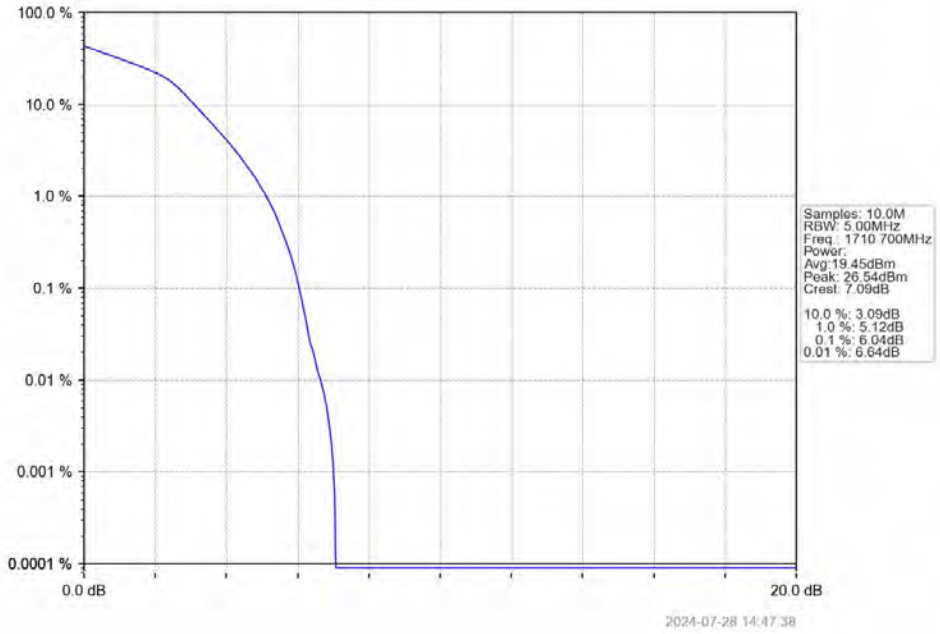
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



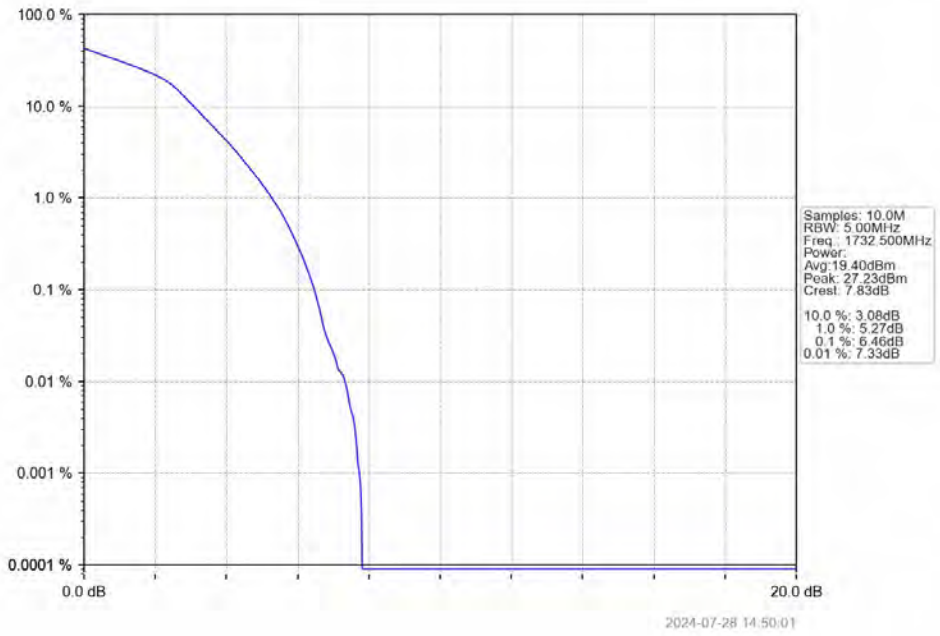
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



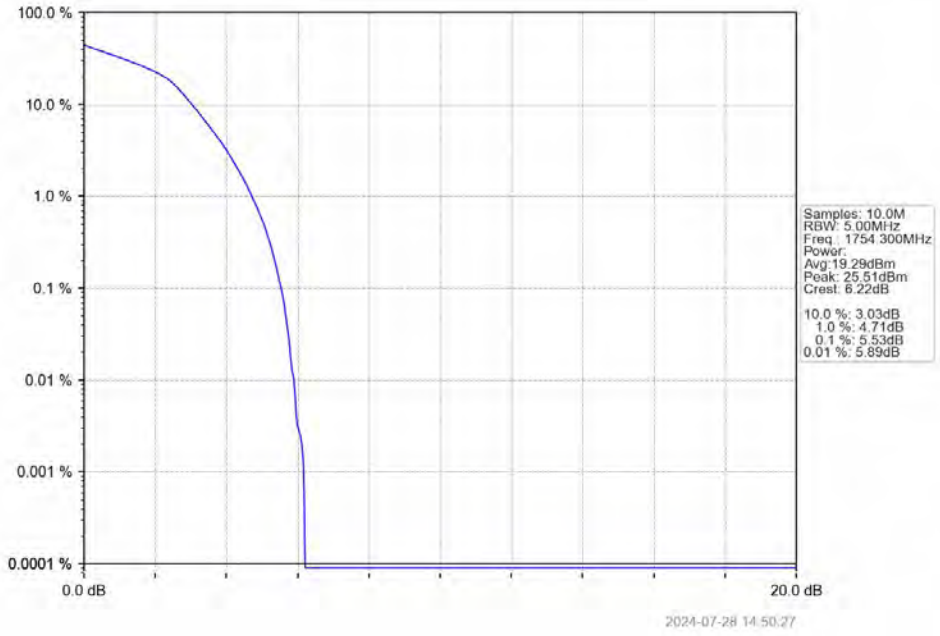
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

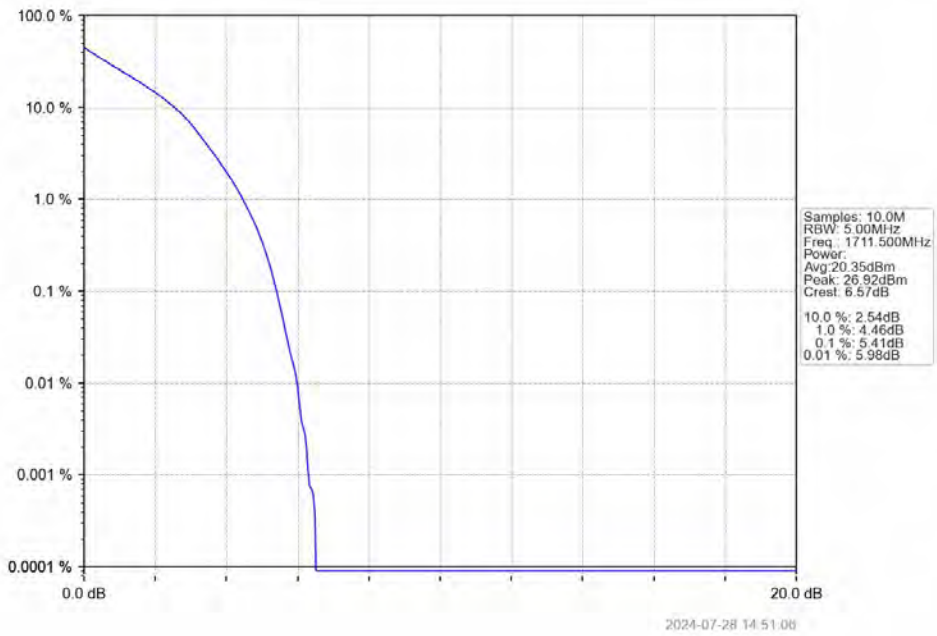


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

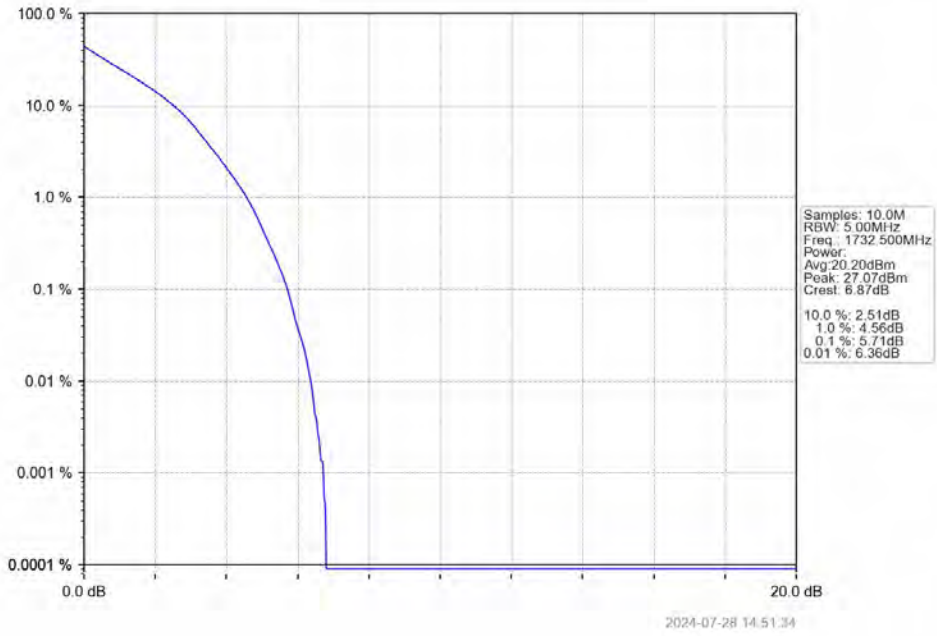


5.2.2 B4_3MHz

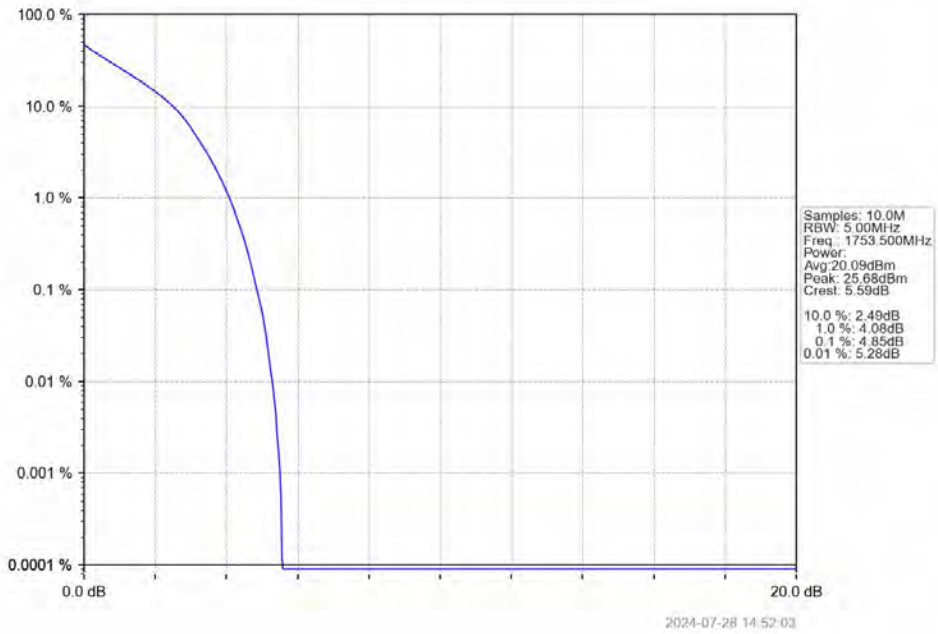
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



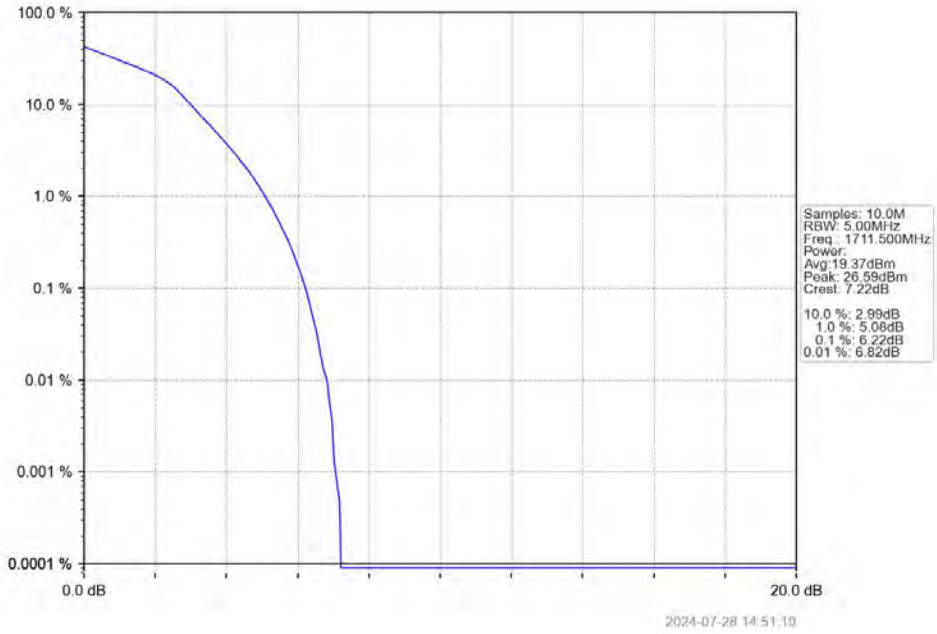
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



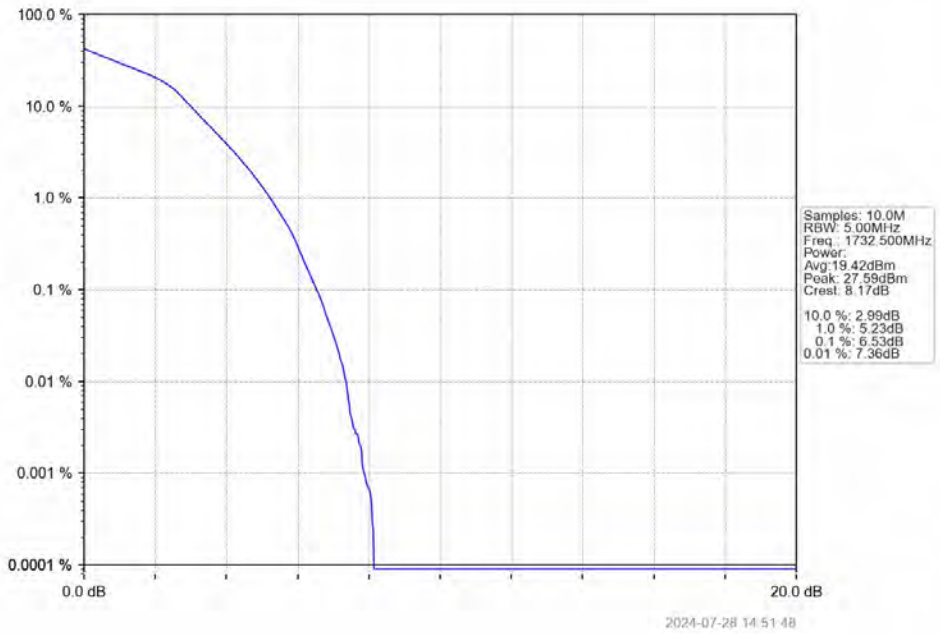
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



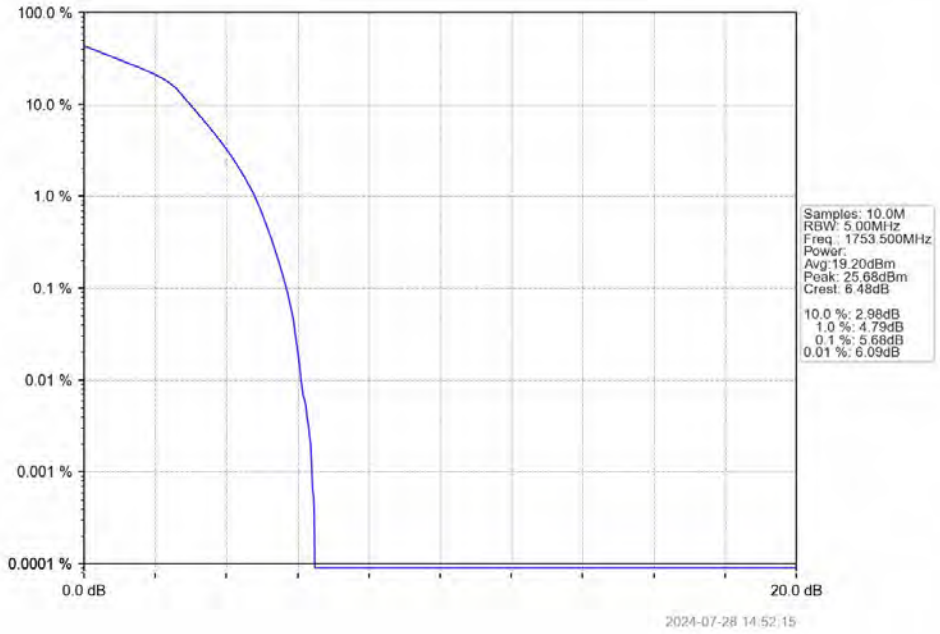
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

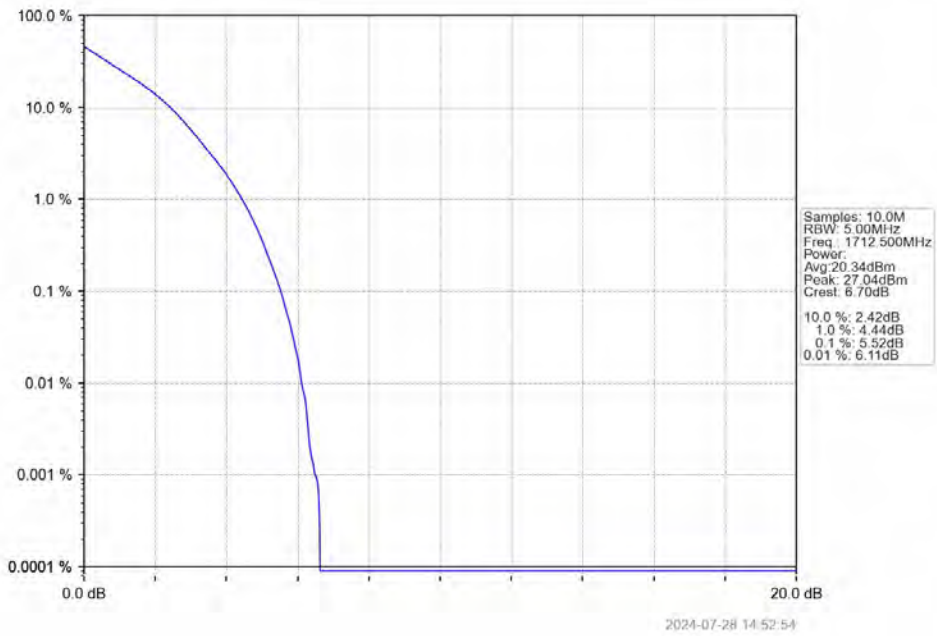


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

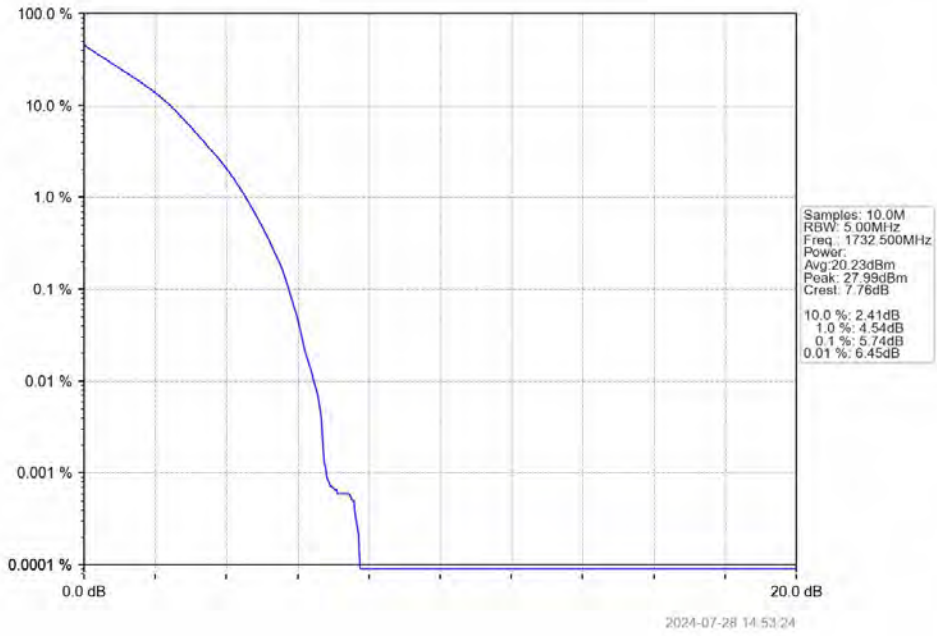


5.2.3 B4_5MHz

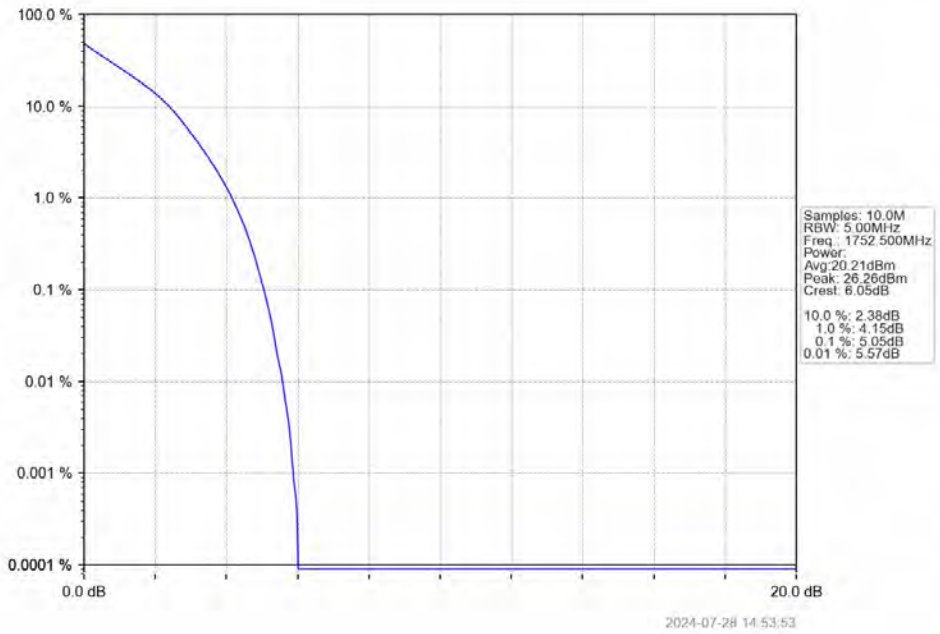
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



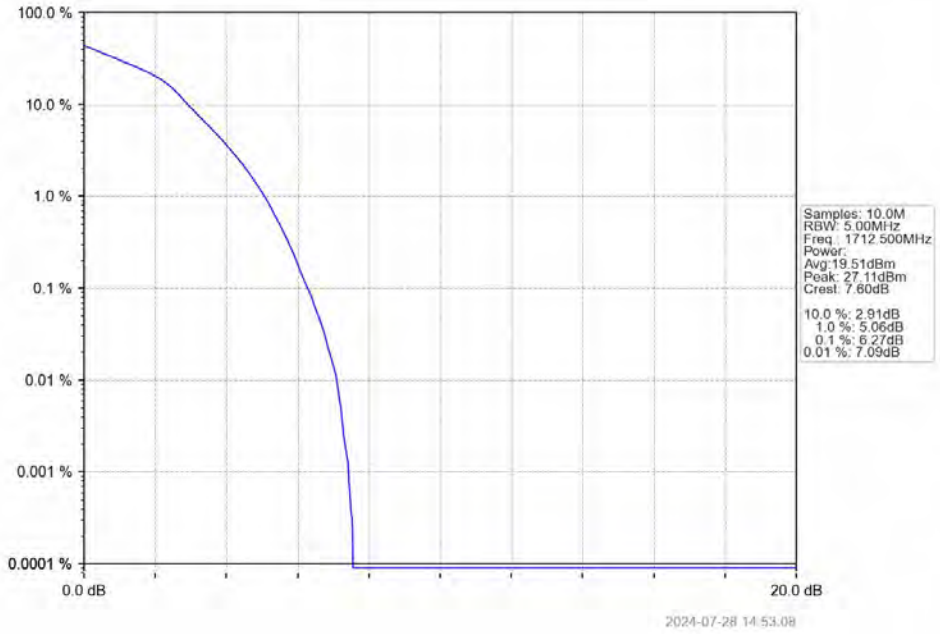
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



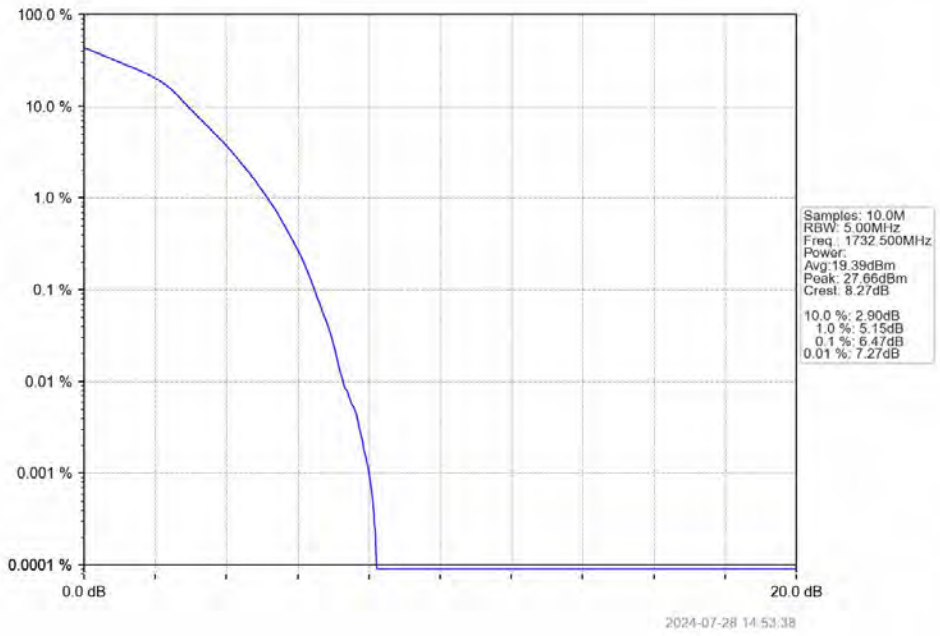
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



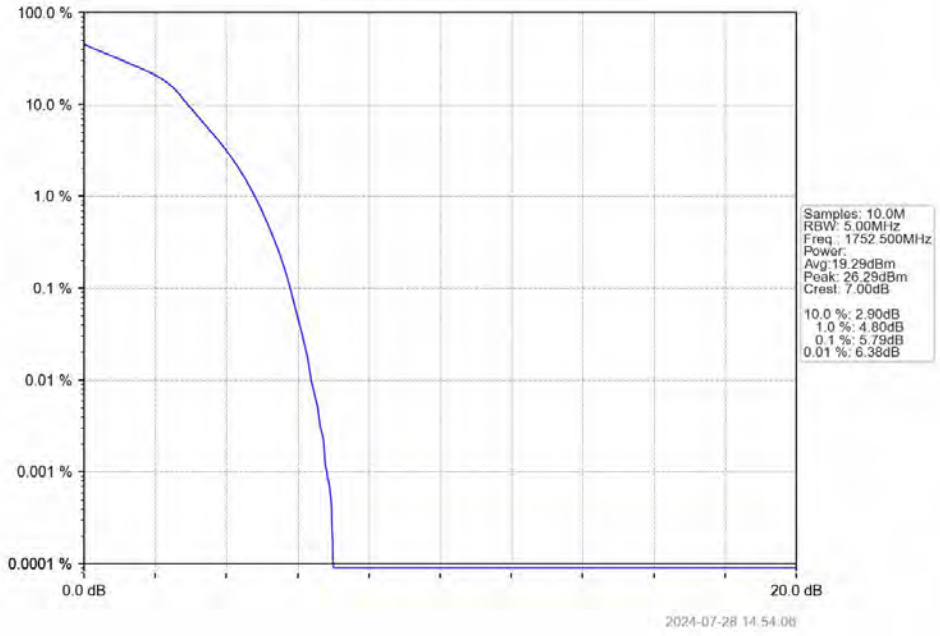
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

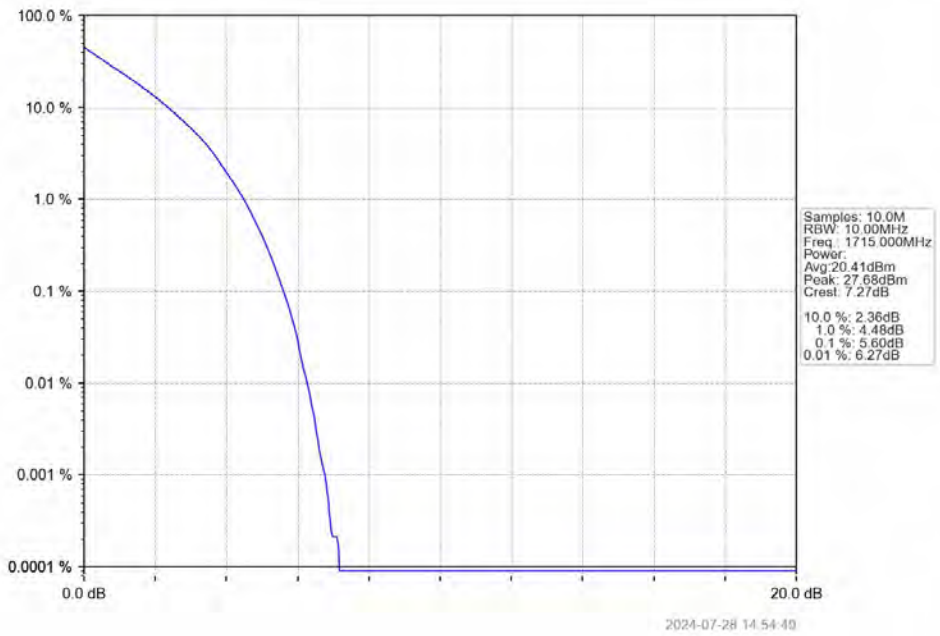


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

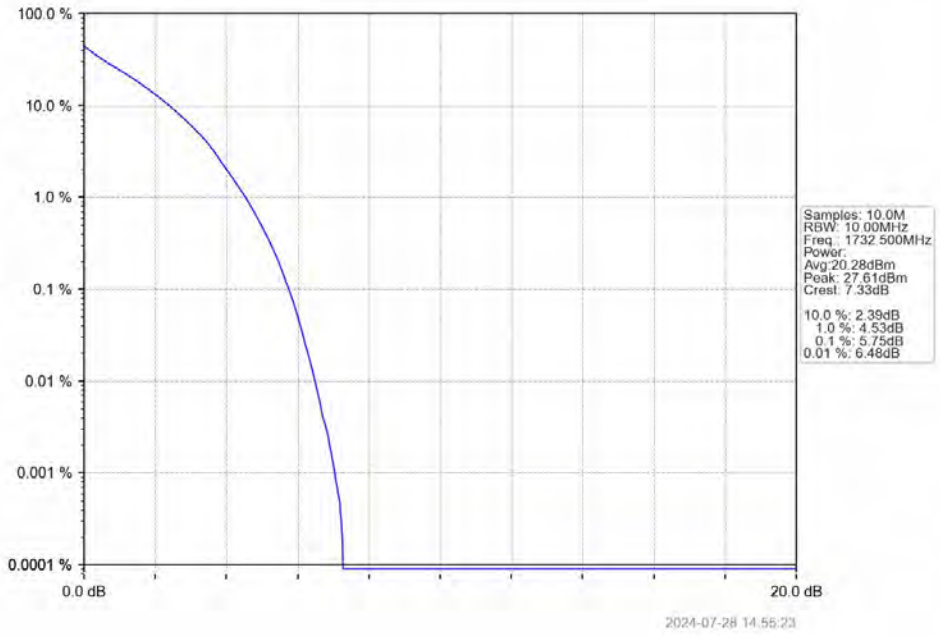


5.2.4 B4_10MHz

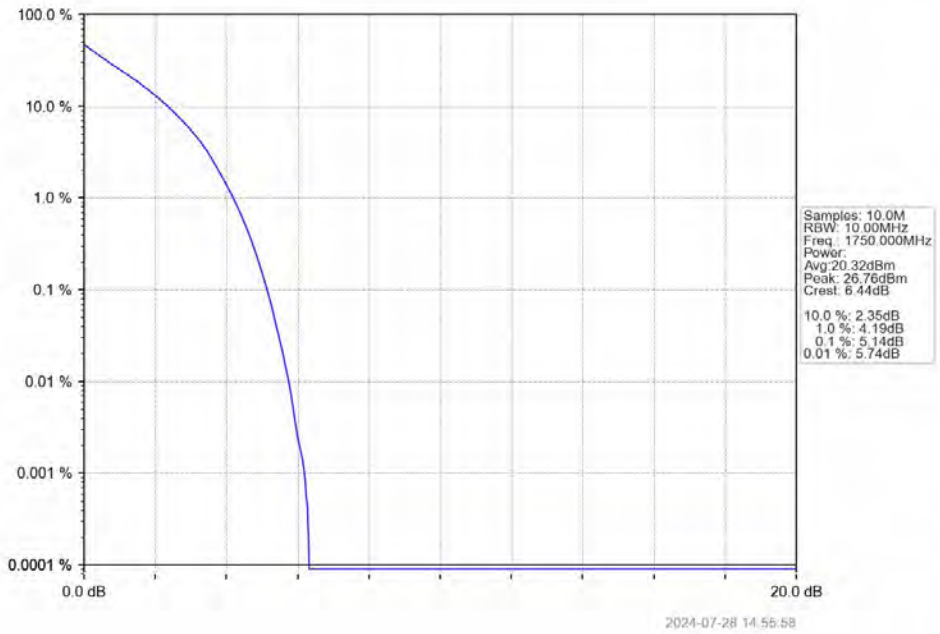
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



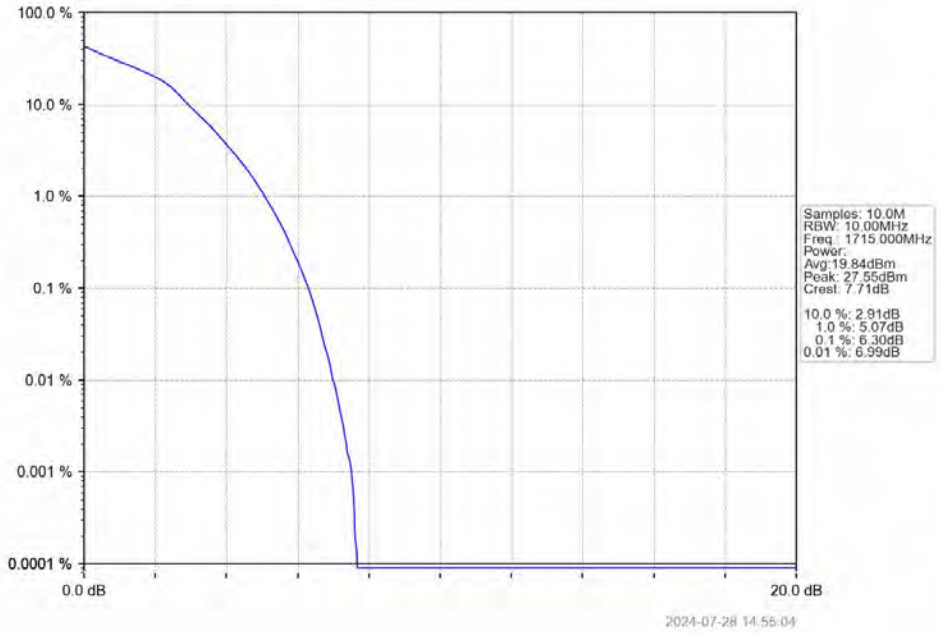
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



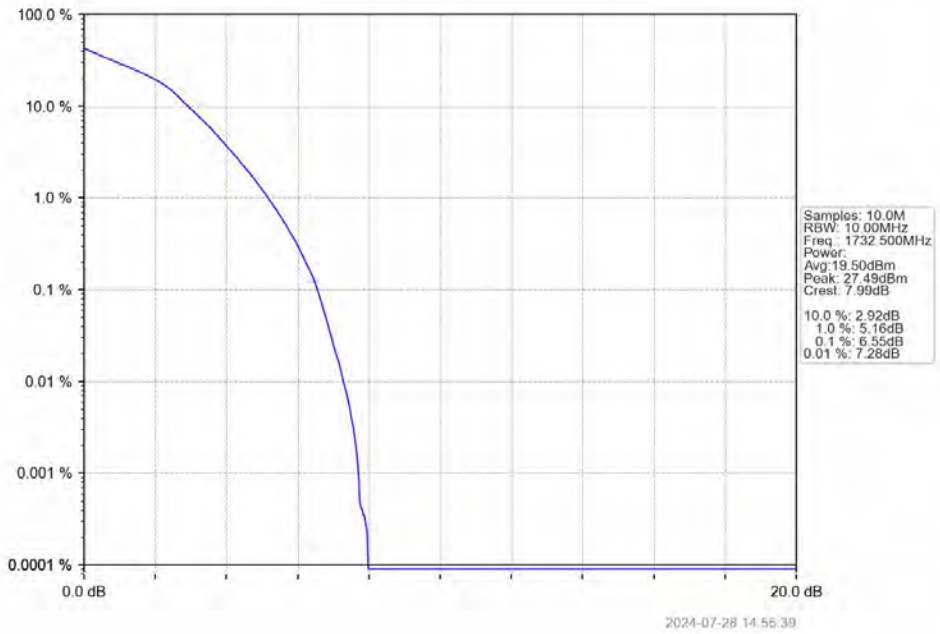
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



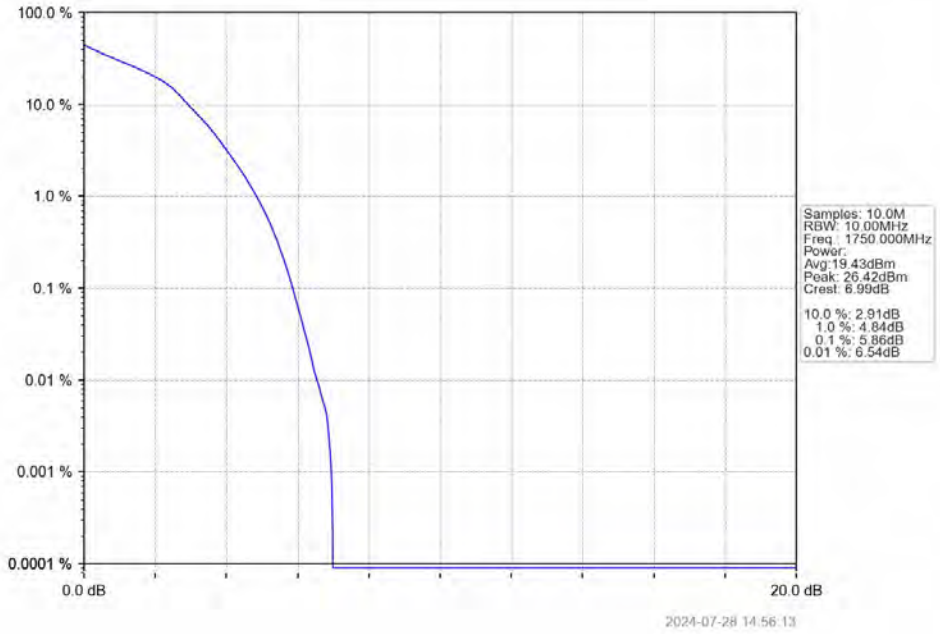
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

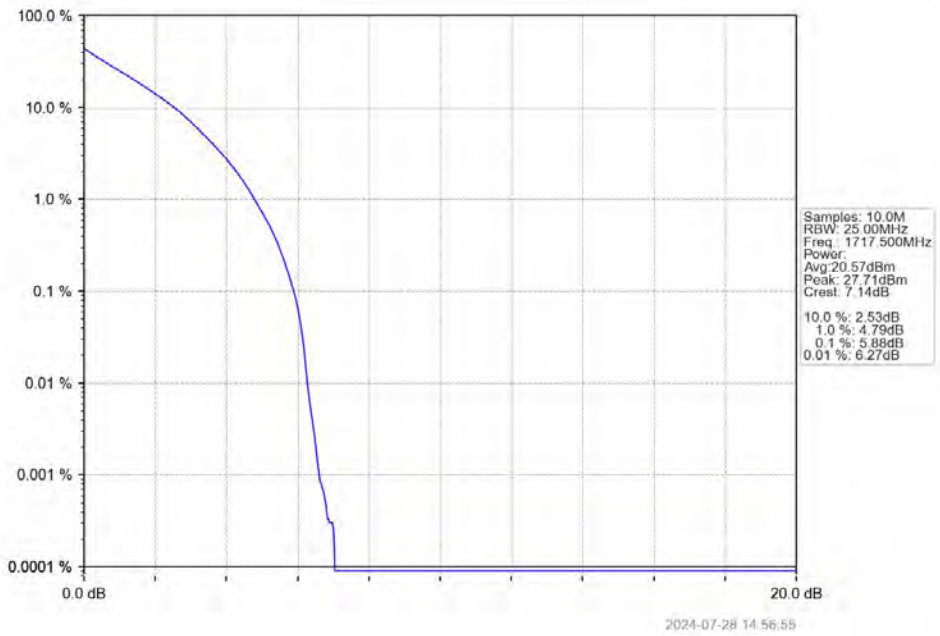


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

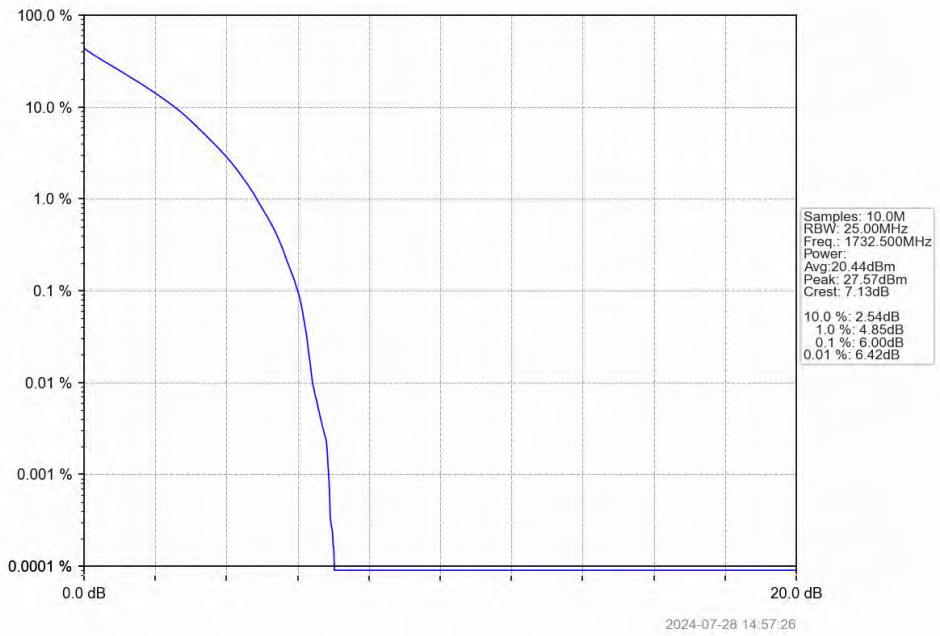


5.2.5 B4_15MHz

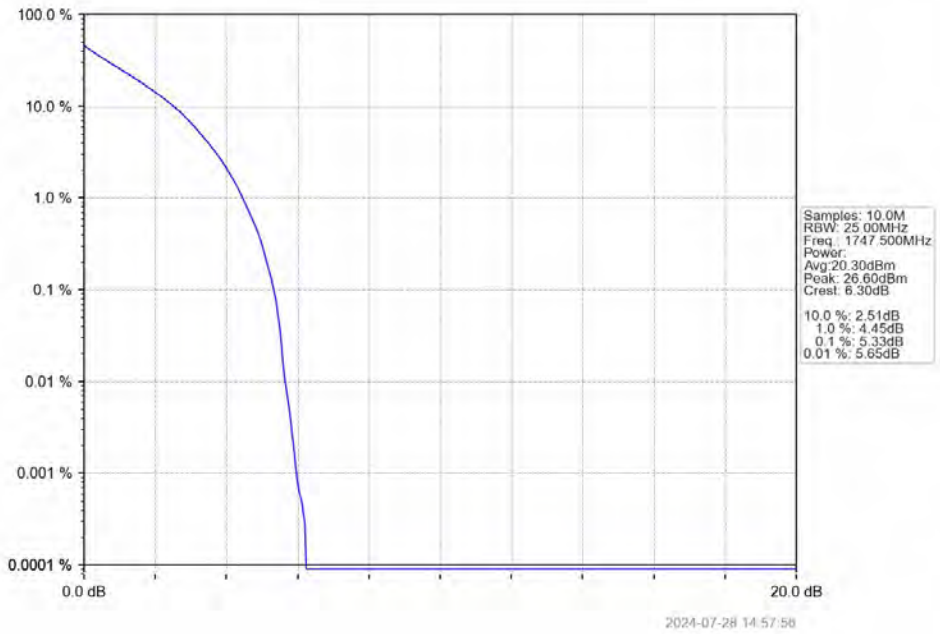
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



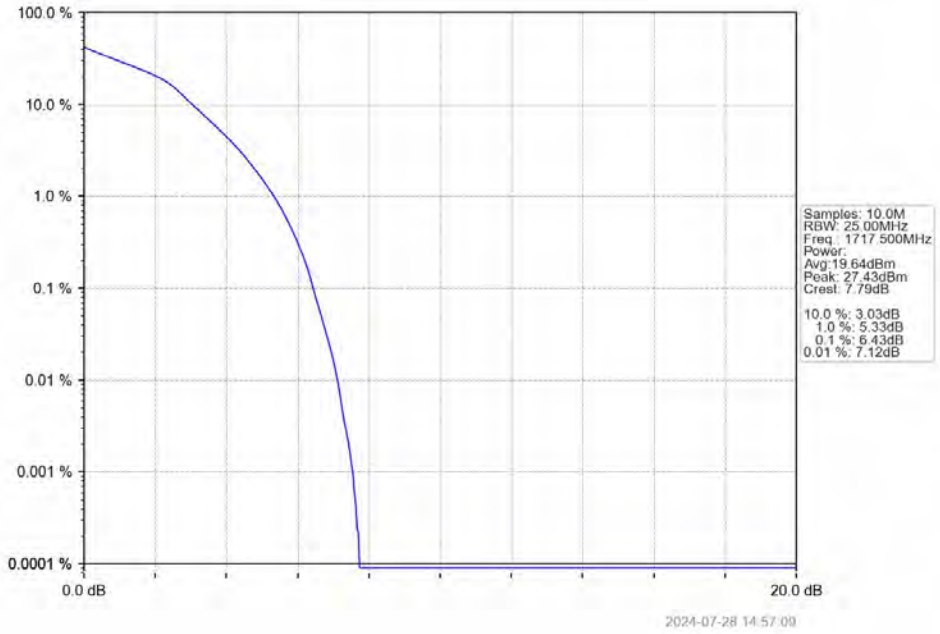
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



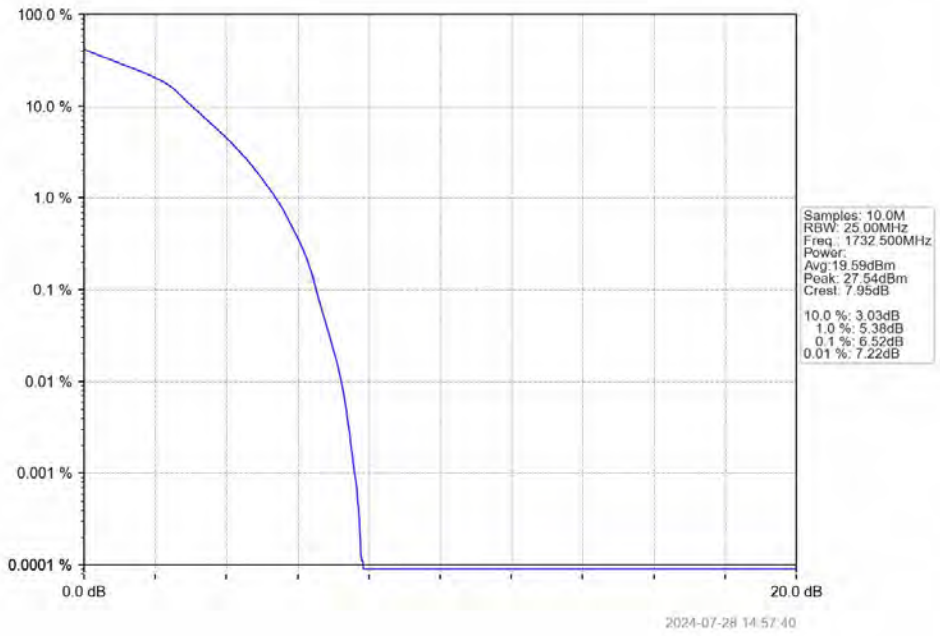
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



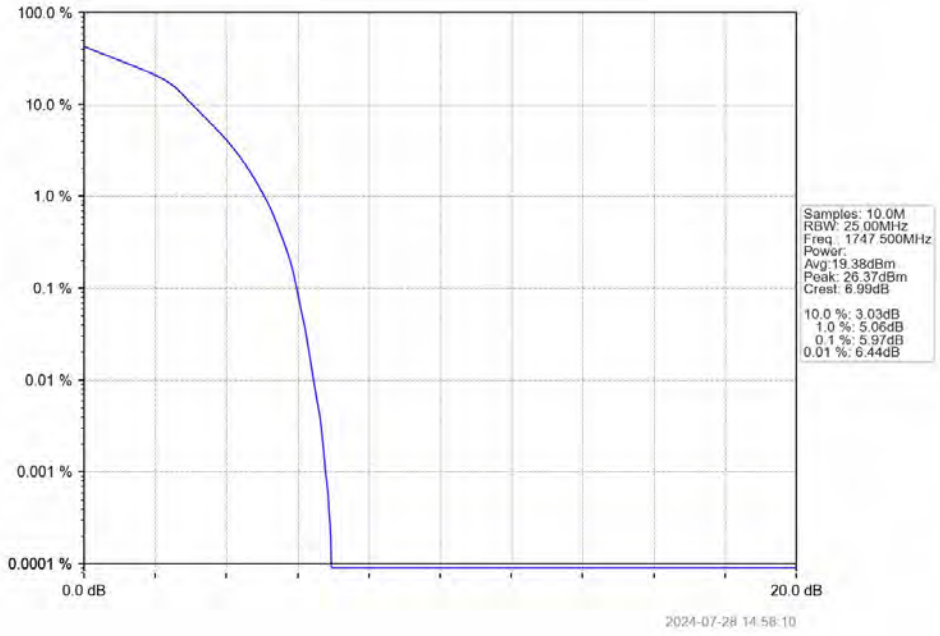
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

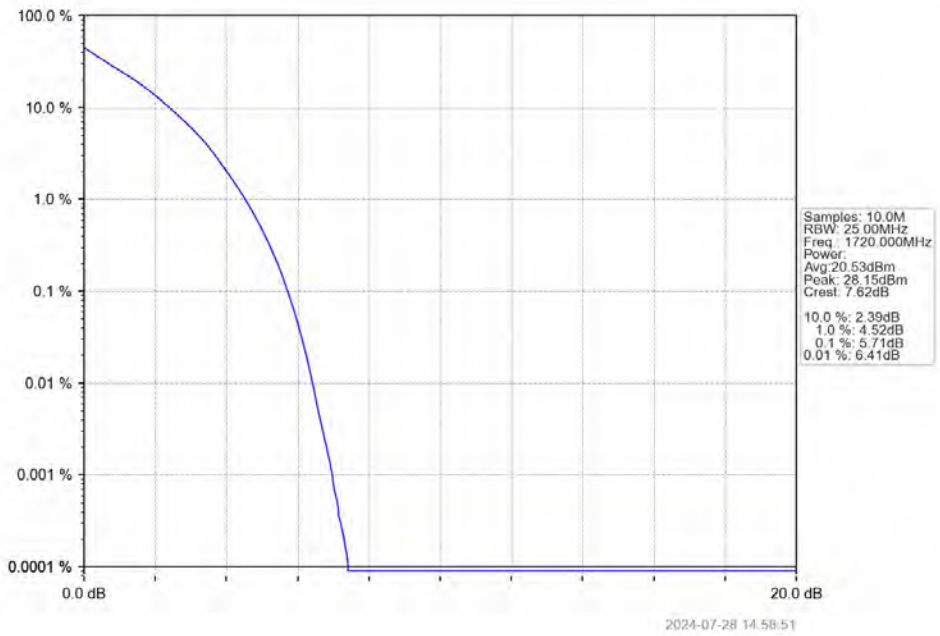


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

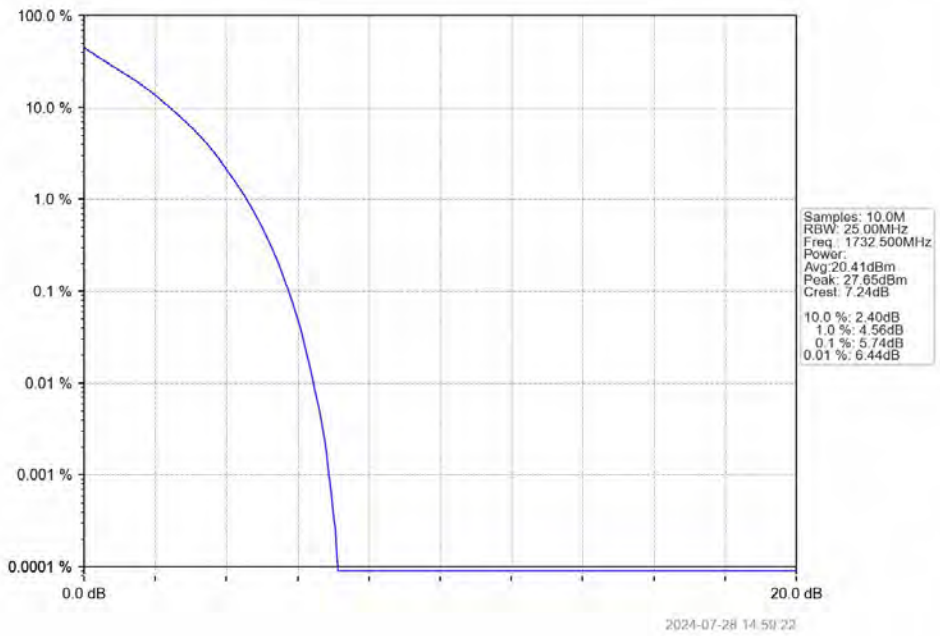


5.2.6 B4_20MHz

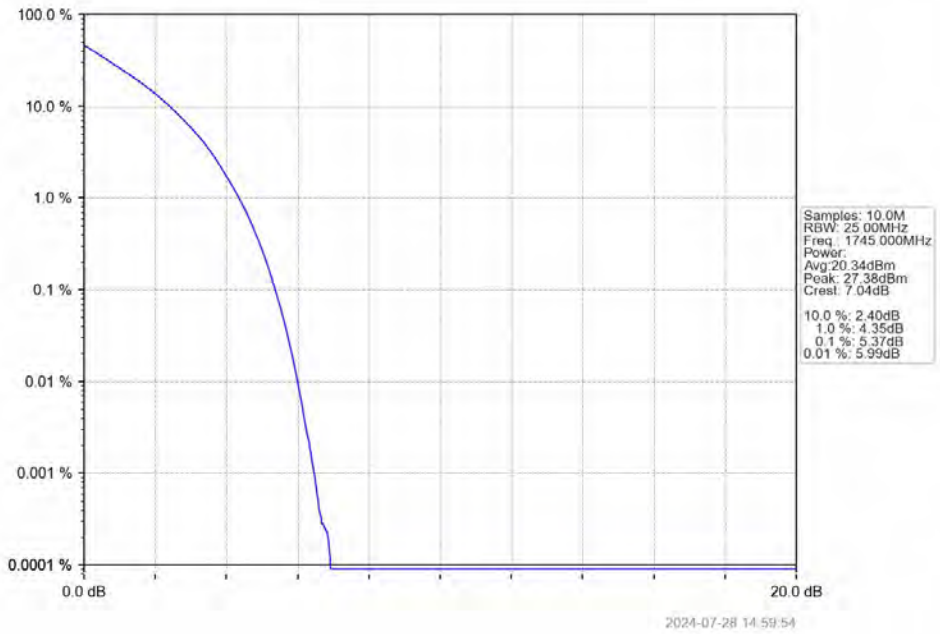
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



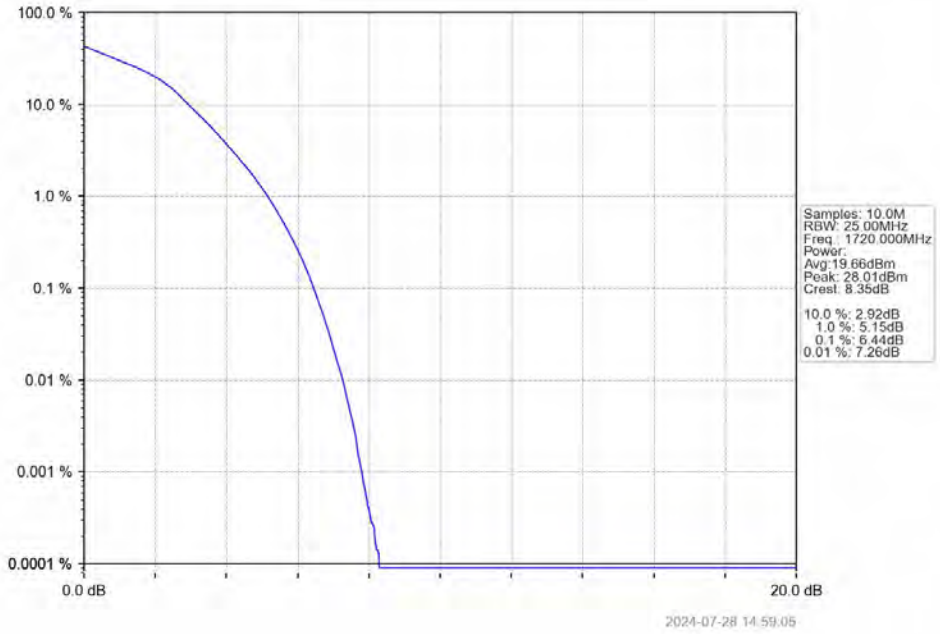
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



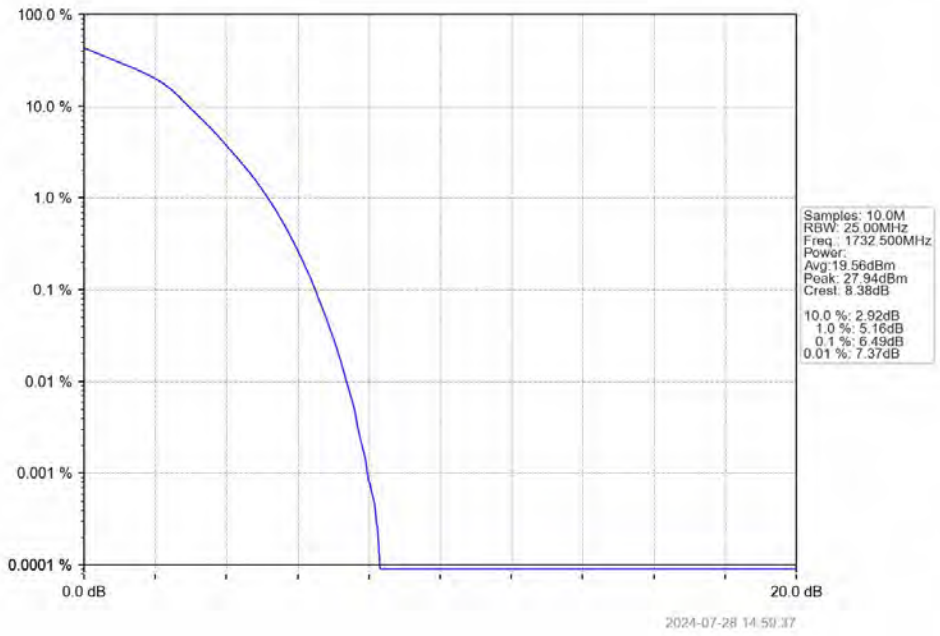
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



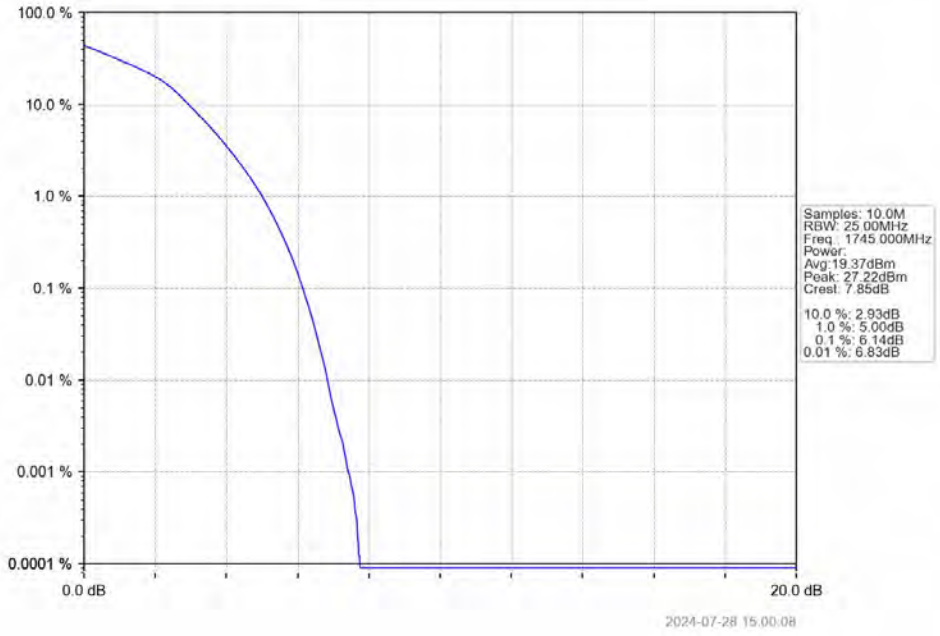
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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

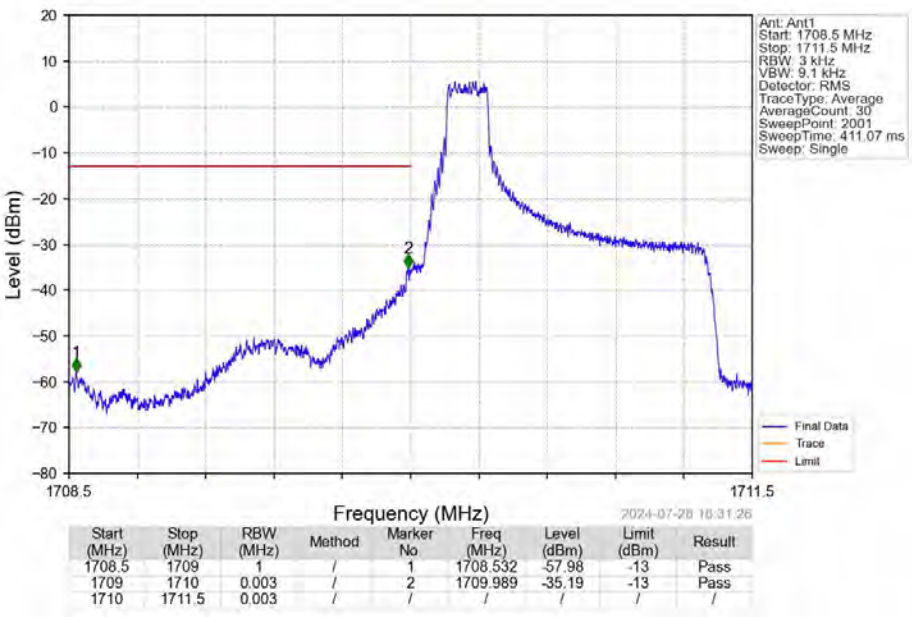
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

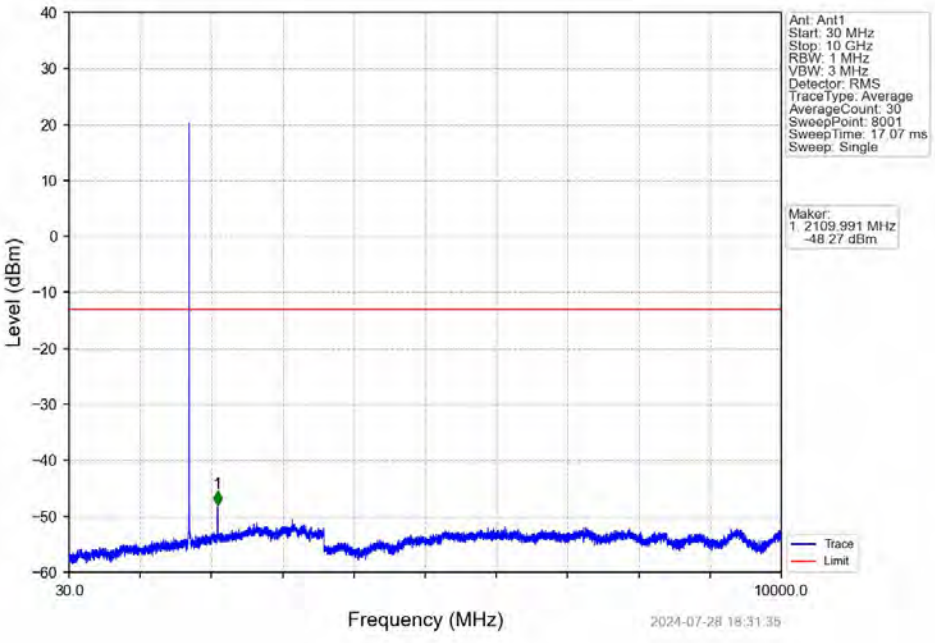
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

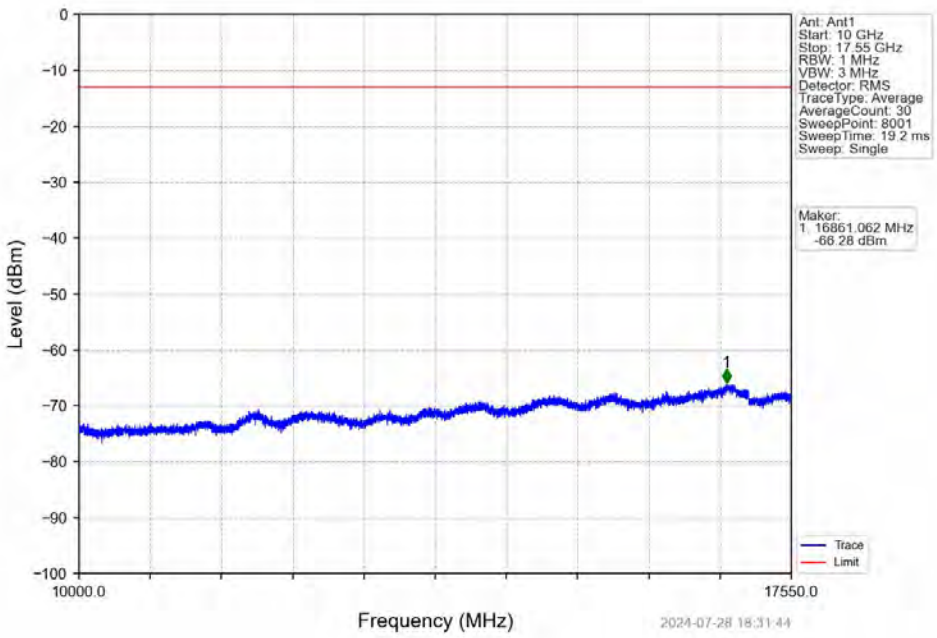


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.532	-57.98	-13	Pass
1709	1710	0.003	/	2	1709.989	-35.19	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

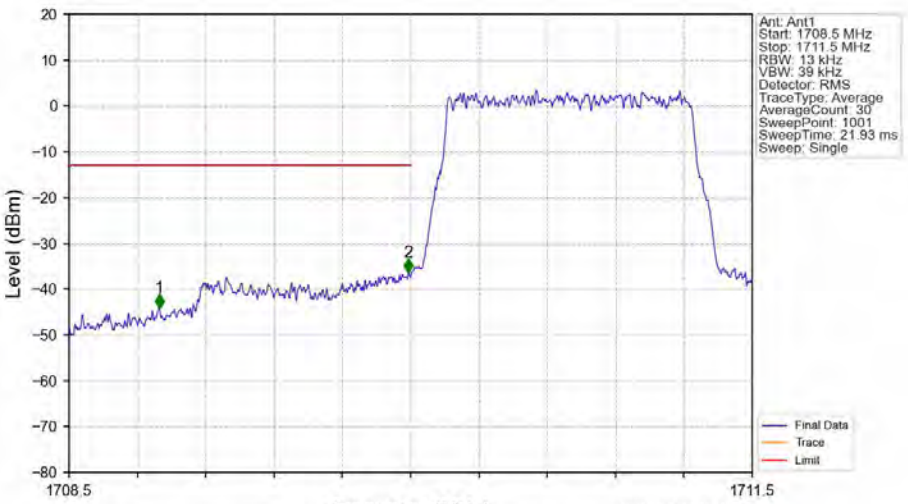
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

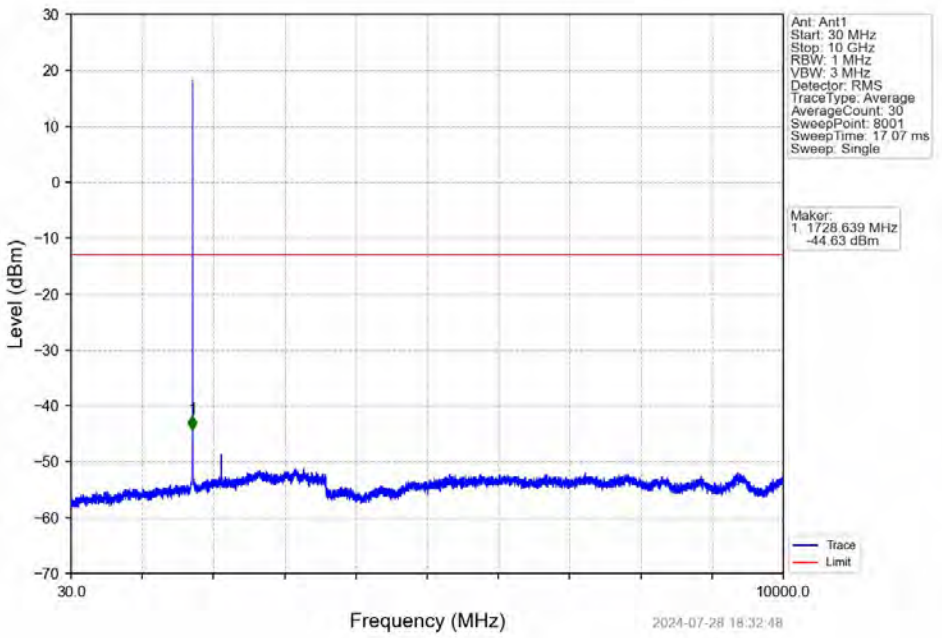


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

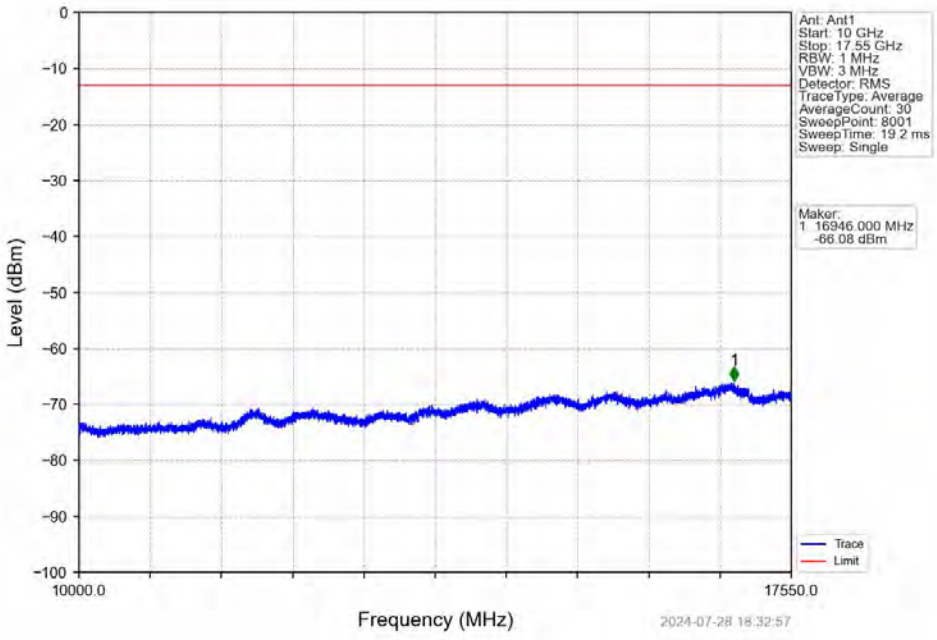


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.896	-44.13	-13	Pass
1709	1710	0.013	/	2	1709.991	-36.37	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

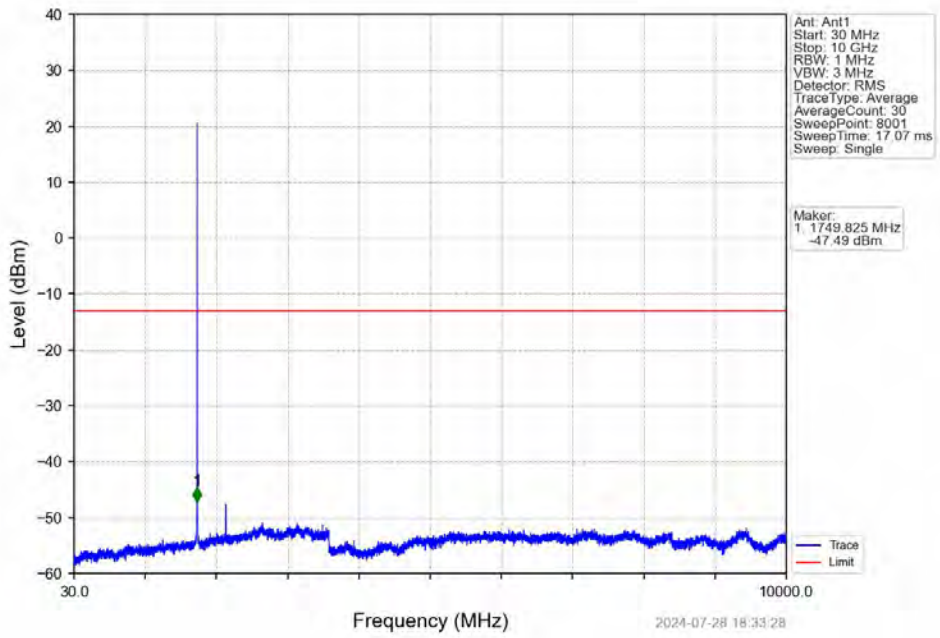
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



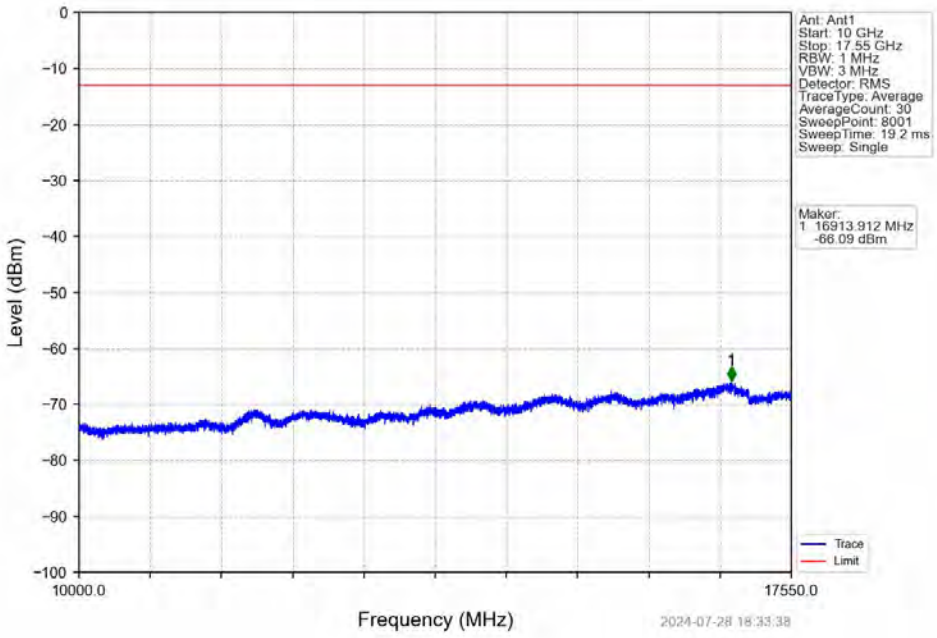
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



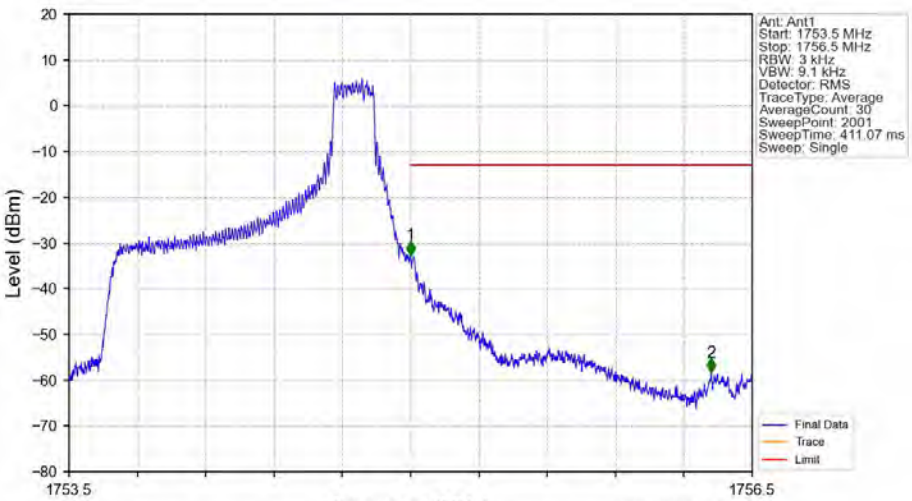
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

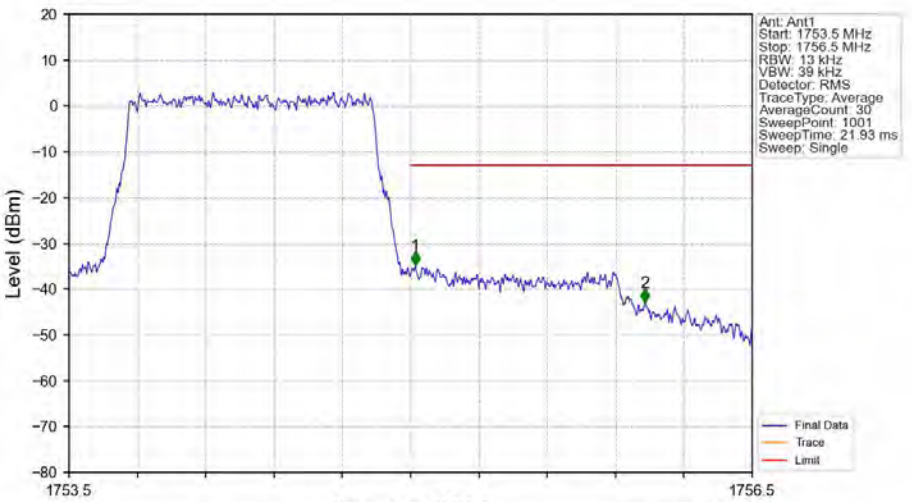


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



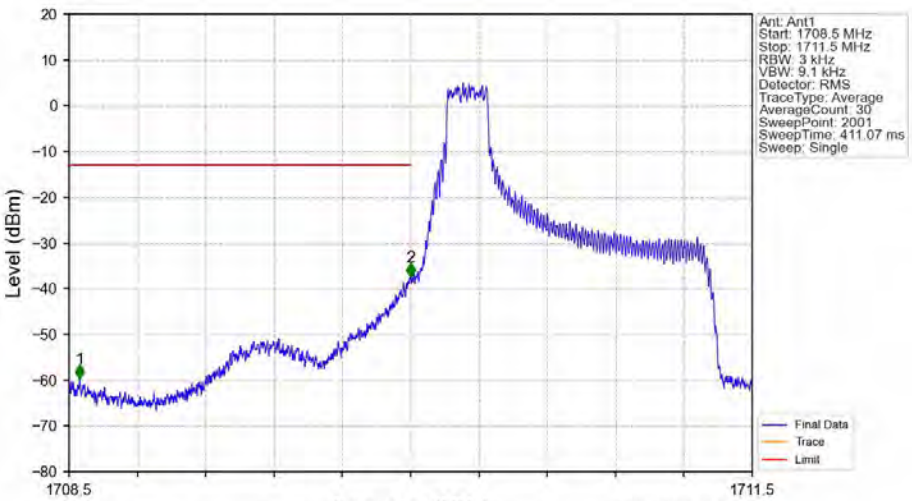
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-32.67	-13	Pass
1756	1756.5	1	/	2	1756.320	-58.28	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



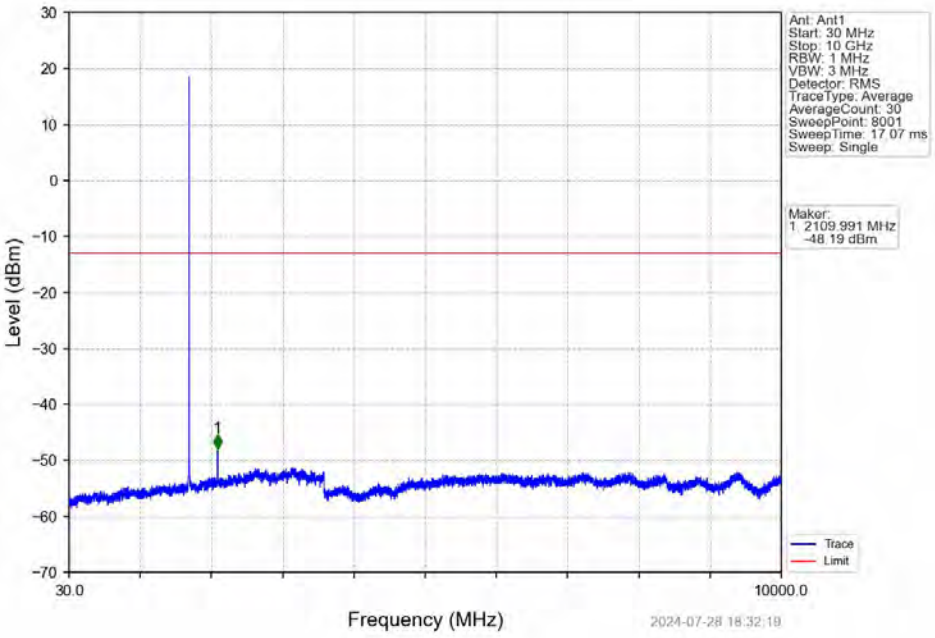
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.013	/	/	/	/	/	/
1755	1756	0.013	/	1	1755.021	-34.89	-13	Pass
1756	1756.5	1	/	2	1756.029	-42.97	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

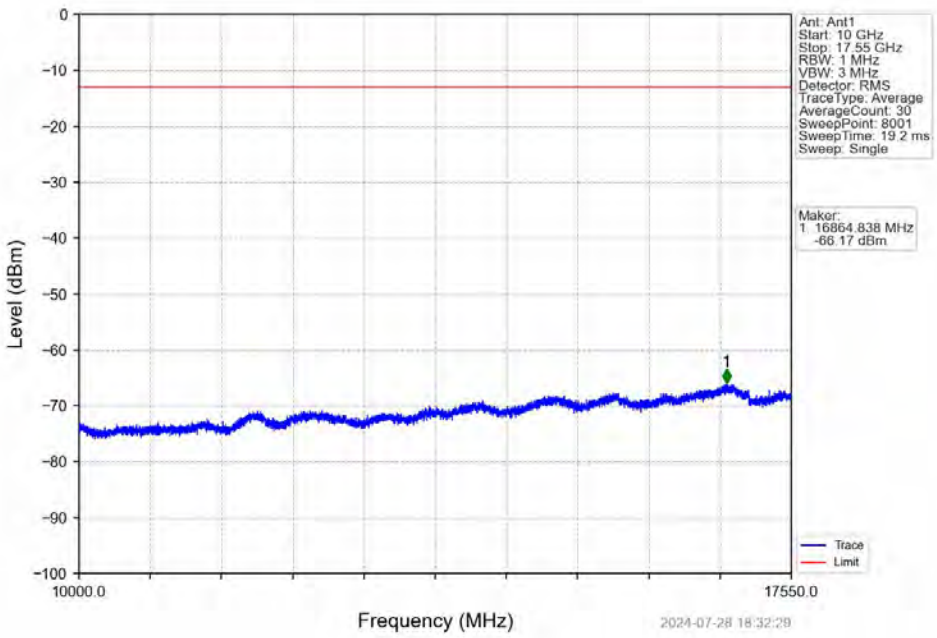


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.546	-59.69	-13	Pass
1709	1710	0.003	/	2	1710.000	-37.54	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

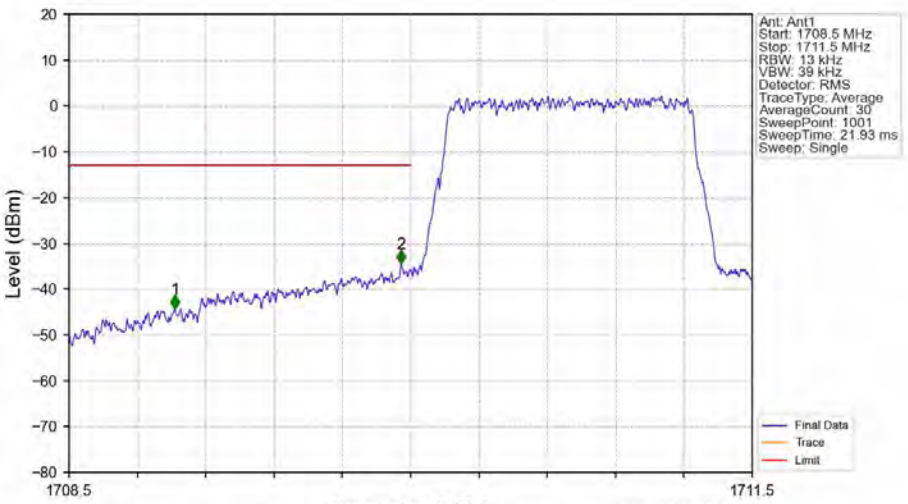
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

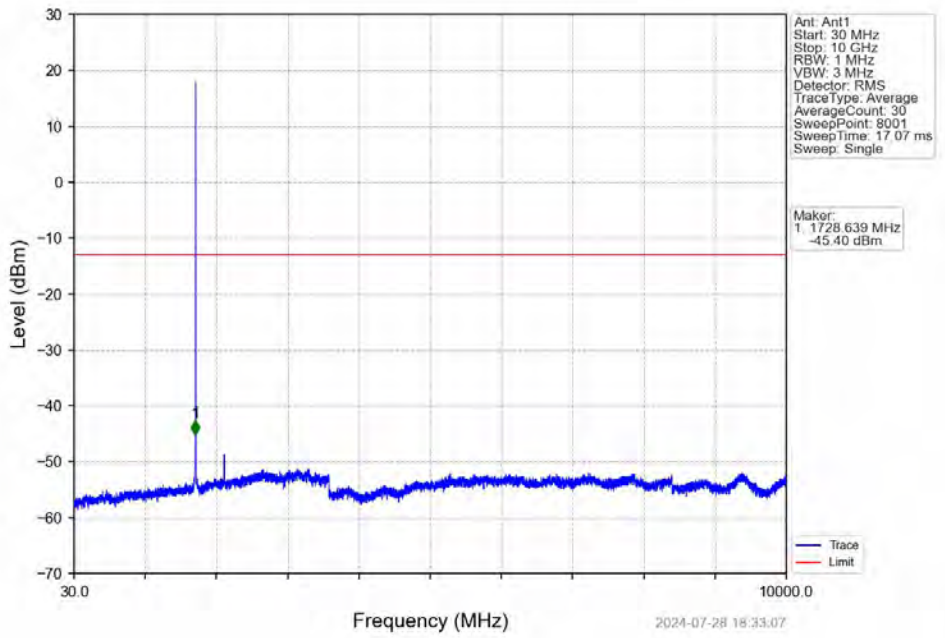


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

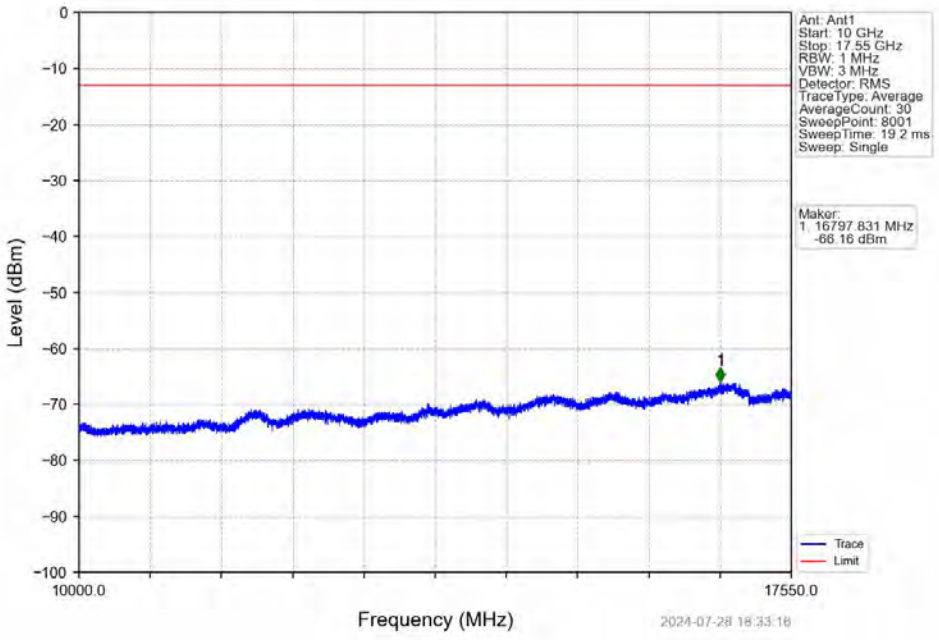


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.965	-44.35	-13	Pass
1709	1710	0.013	/	2	1709.958	-34.55	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

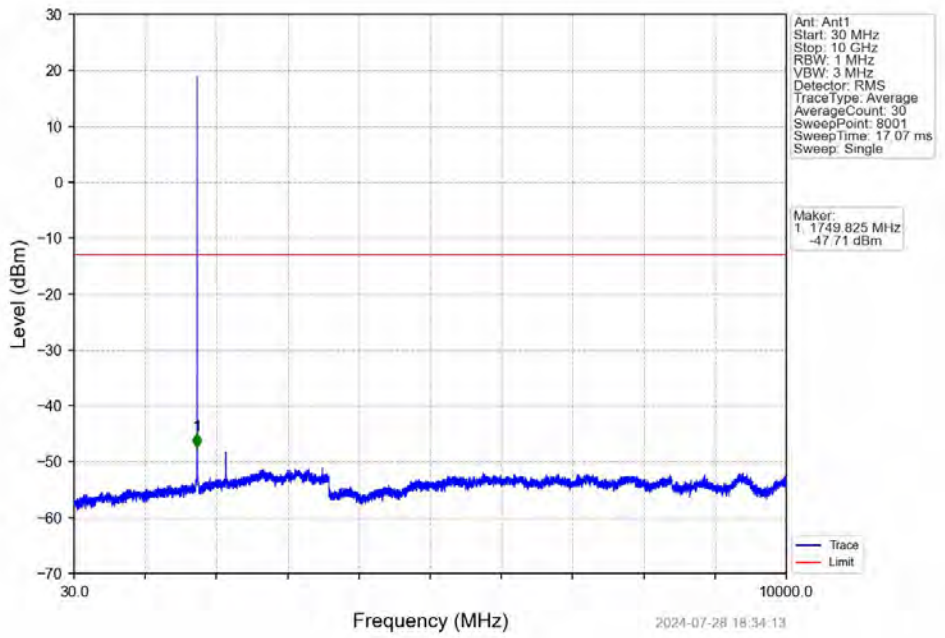
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



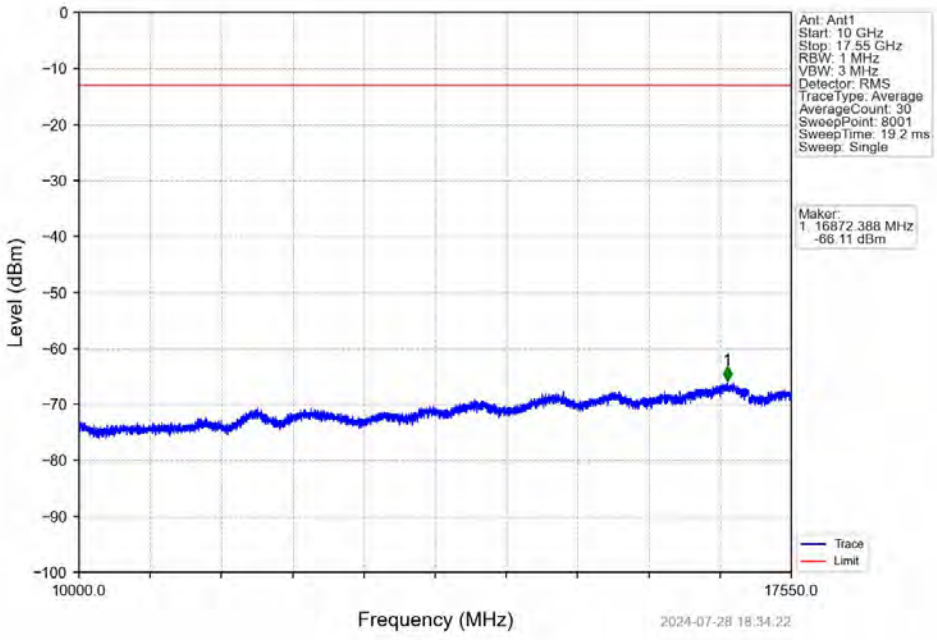
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



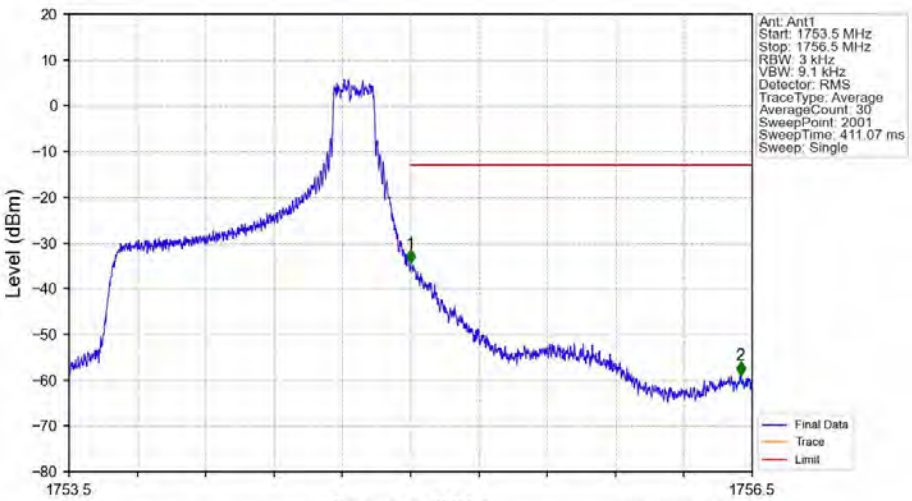
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

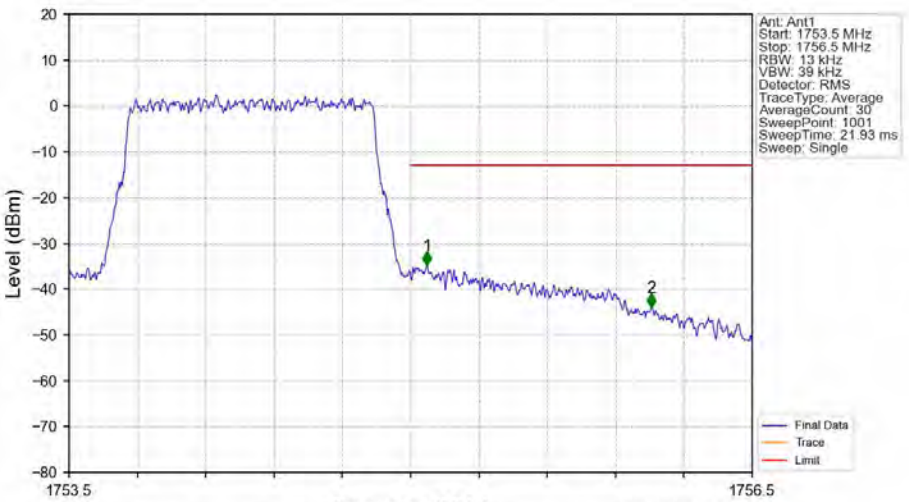


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.000	-34.54	-13	Pass
1756	1756.5	1	/	2	1756.449	-58.93	-13	Pass

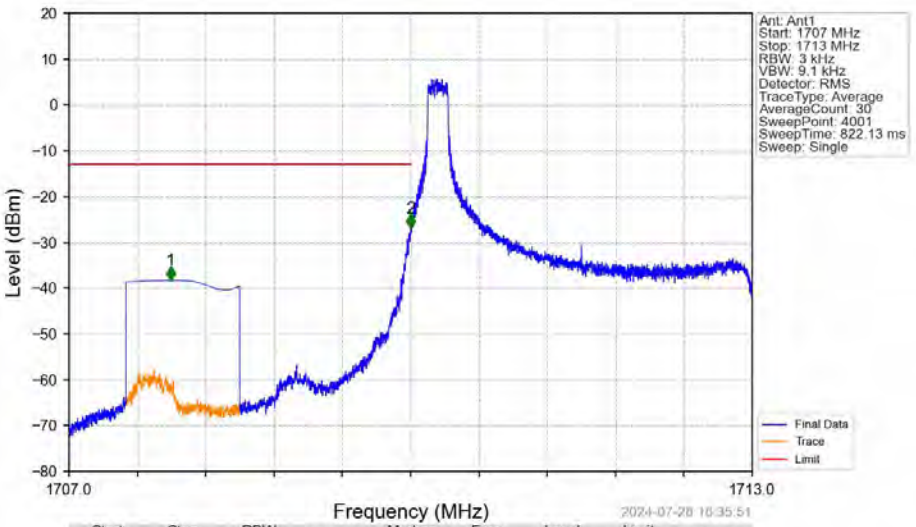
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	1755.072	-34.84	-13	Pass
1756	1756.5	1	/	2	1756.056	-44.00	-13	Pass

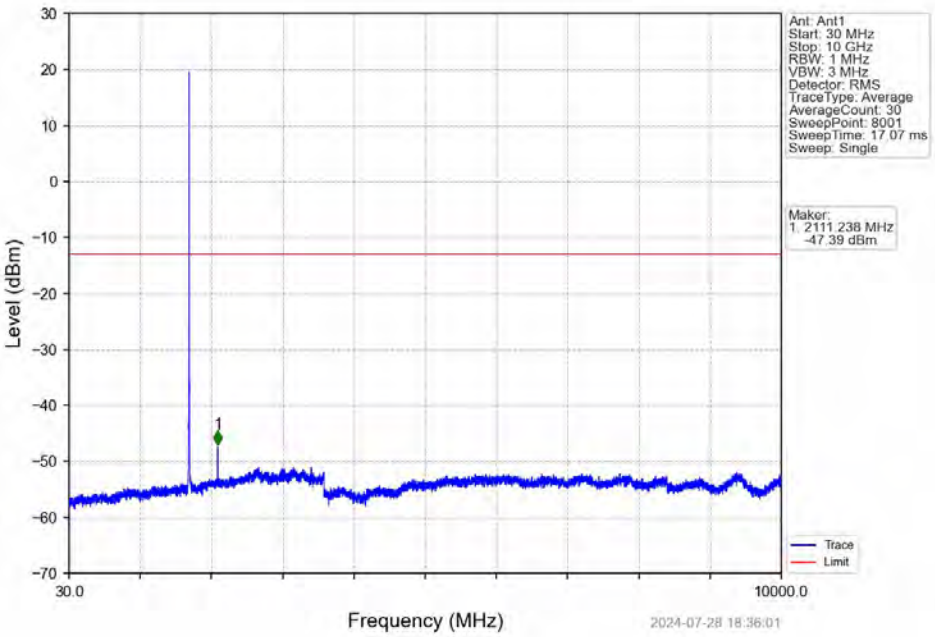
6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

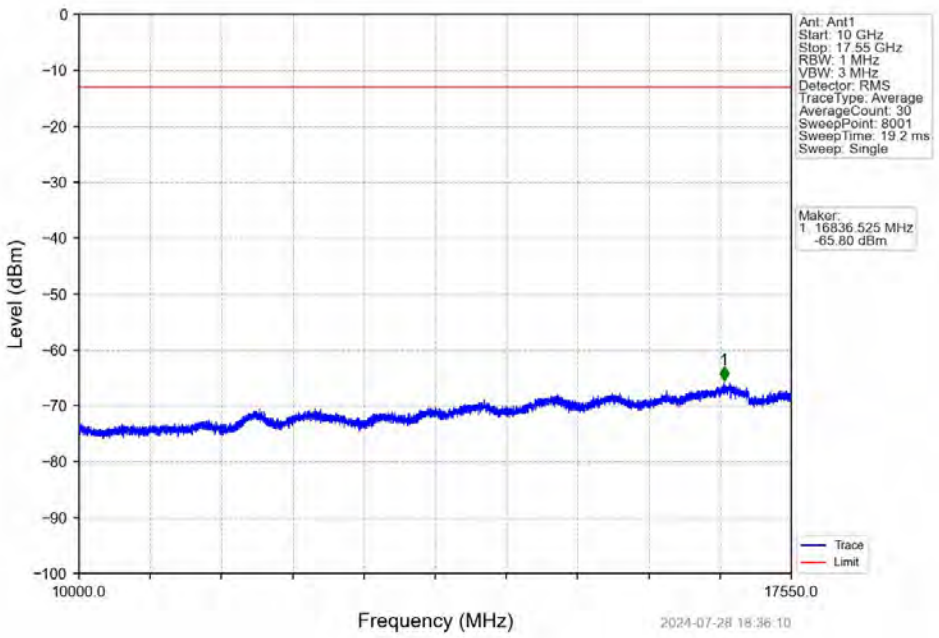


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.894	-38.32	-13	Pass
1709	1710	0.003	/	2	1710.000	-26.92	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

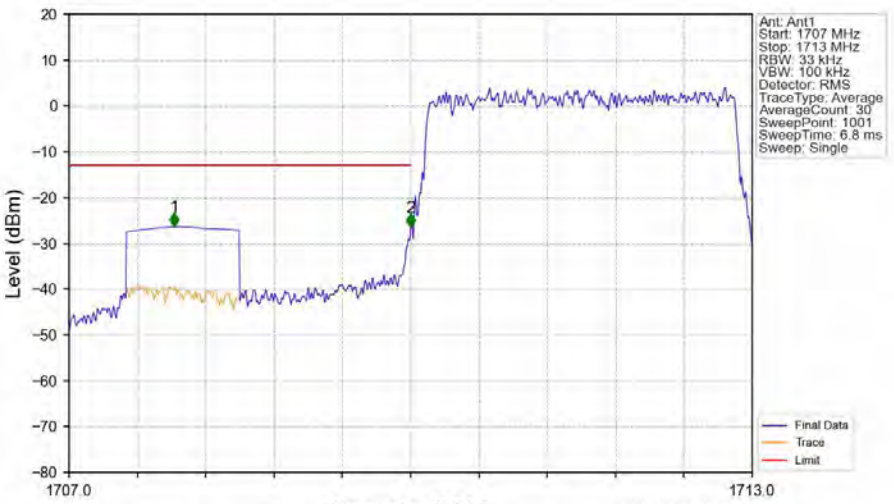
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

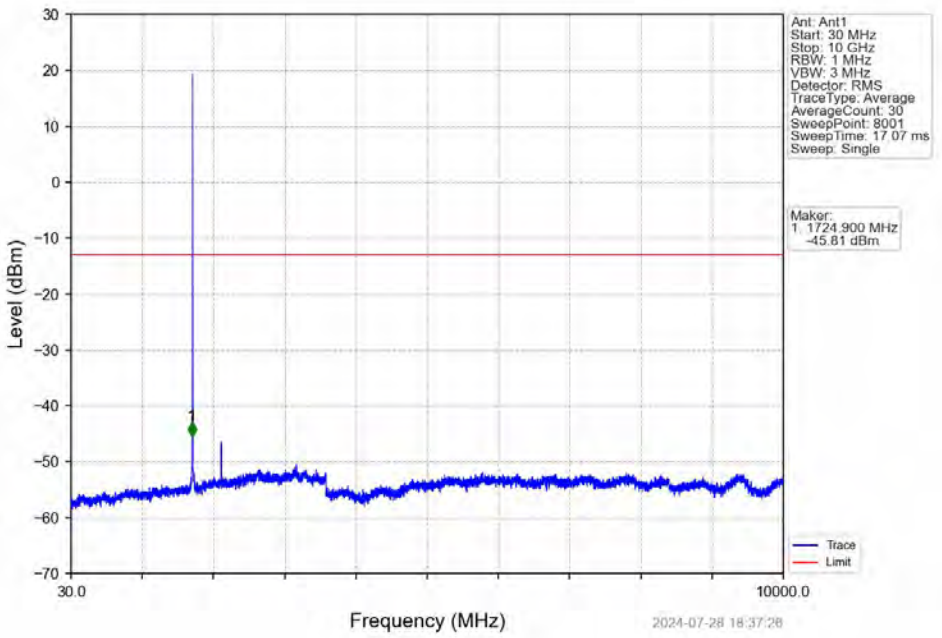


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

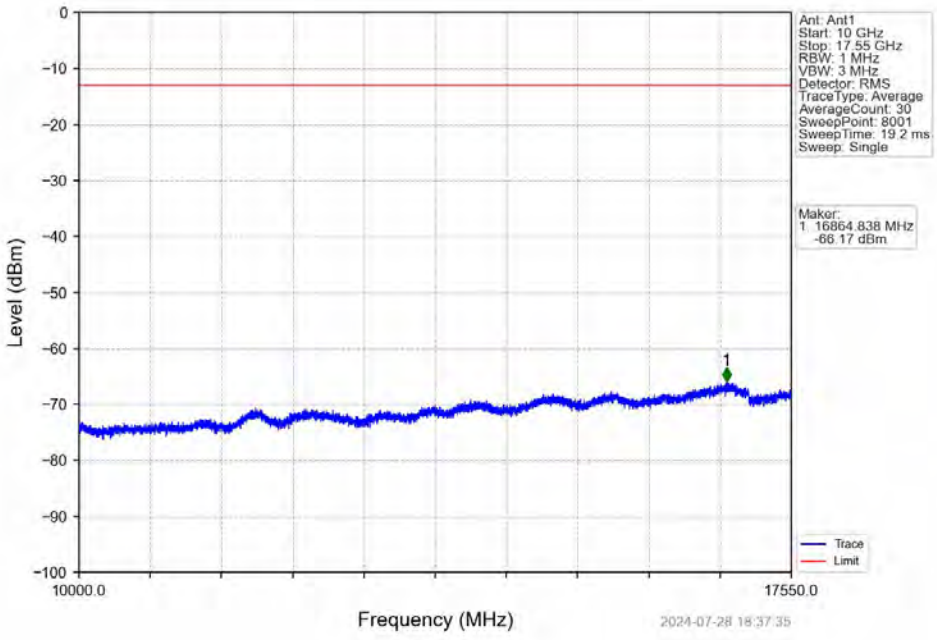


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.924	-26.40	-13	Pass
1709	1710	0.033	/	2	1710.000	-26.63	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

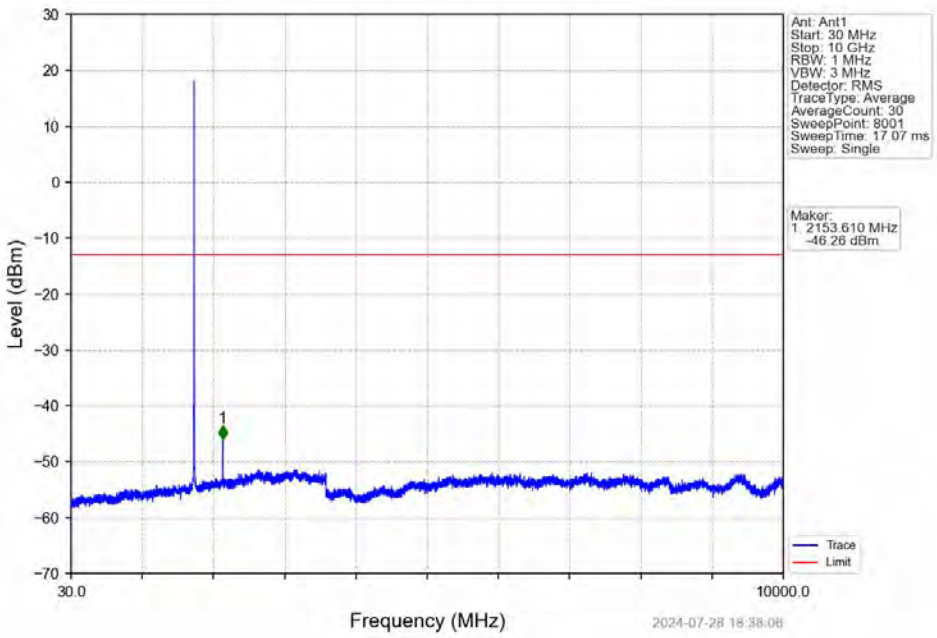
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



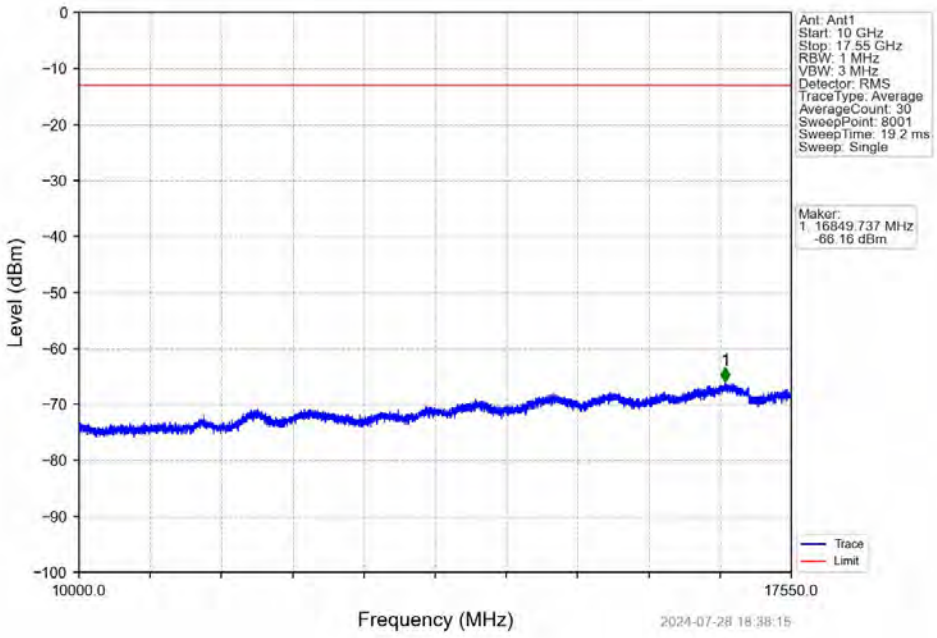
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



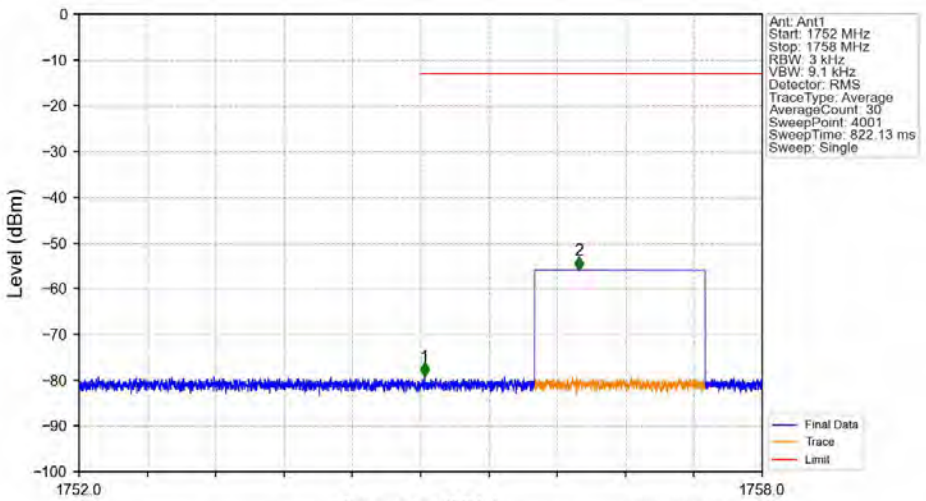
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

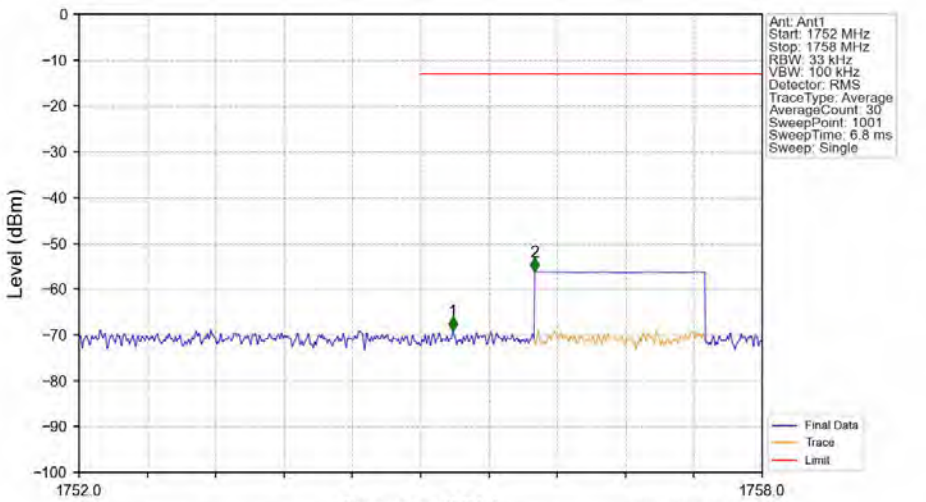


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



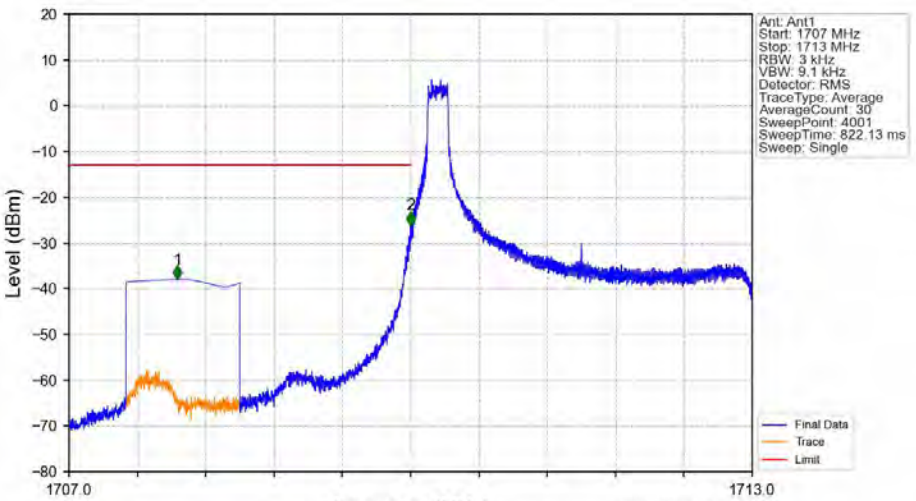
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.034	-79.13	-13	Pass
1756	1758	1	CHP	2	1756.392	-55.99	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



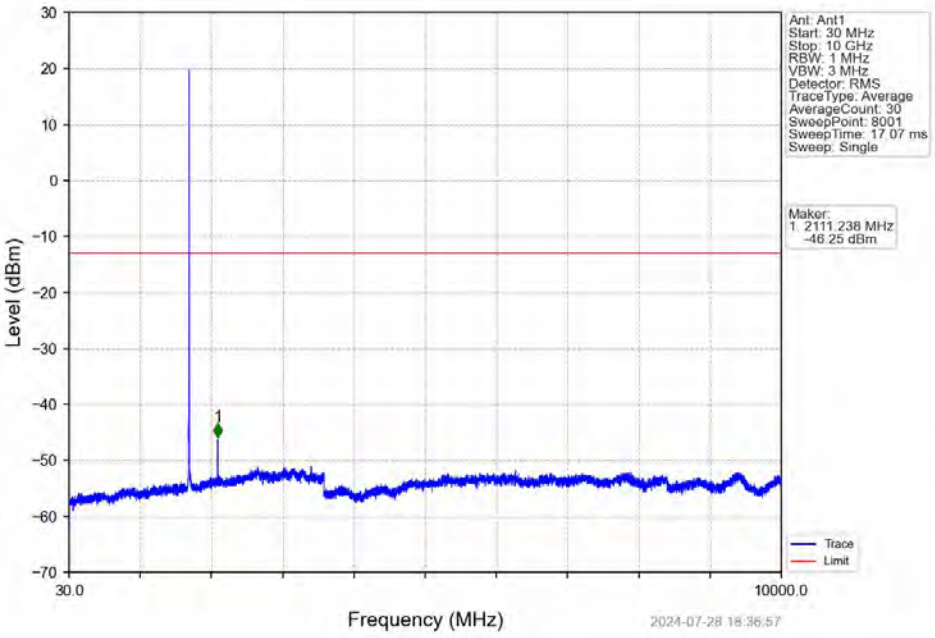
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.282	-69.15	-13	Pass
1756	1758	1	CHP	2	1756.002	-56.22	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

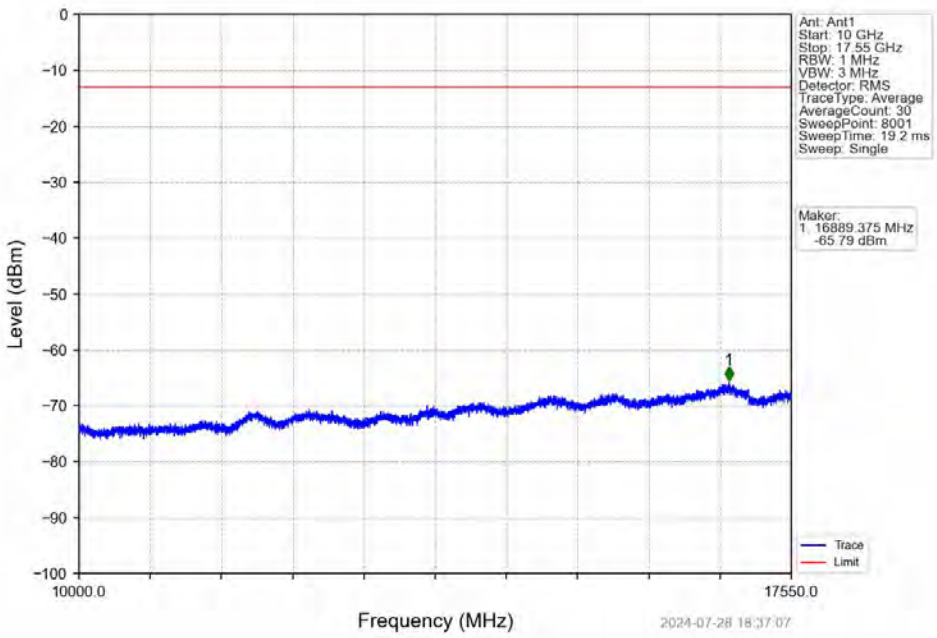


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.951	-38.00	-13	Pass
1709	1710	0.003	/	2	1710.000	-26.15	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

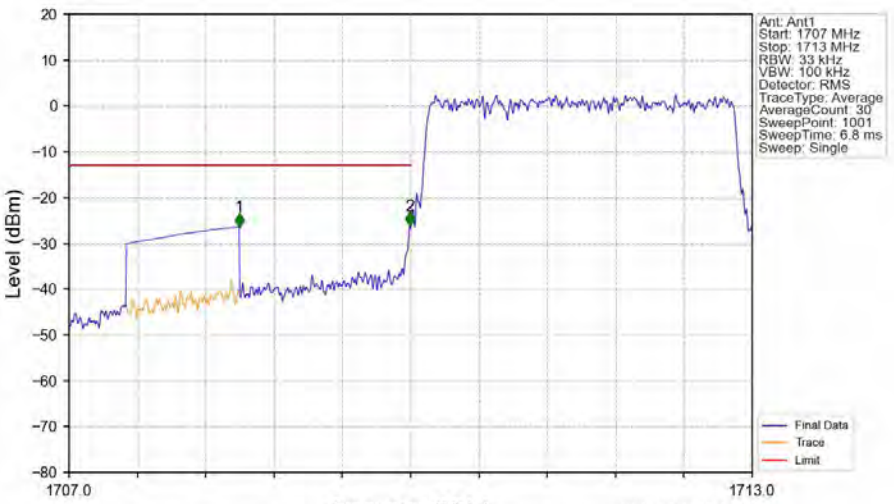
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

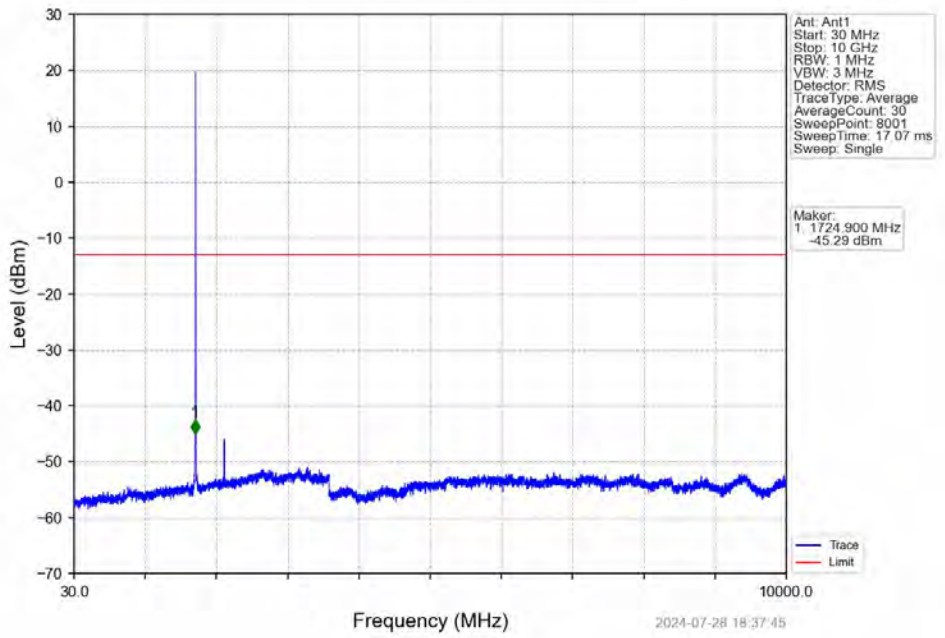


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

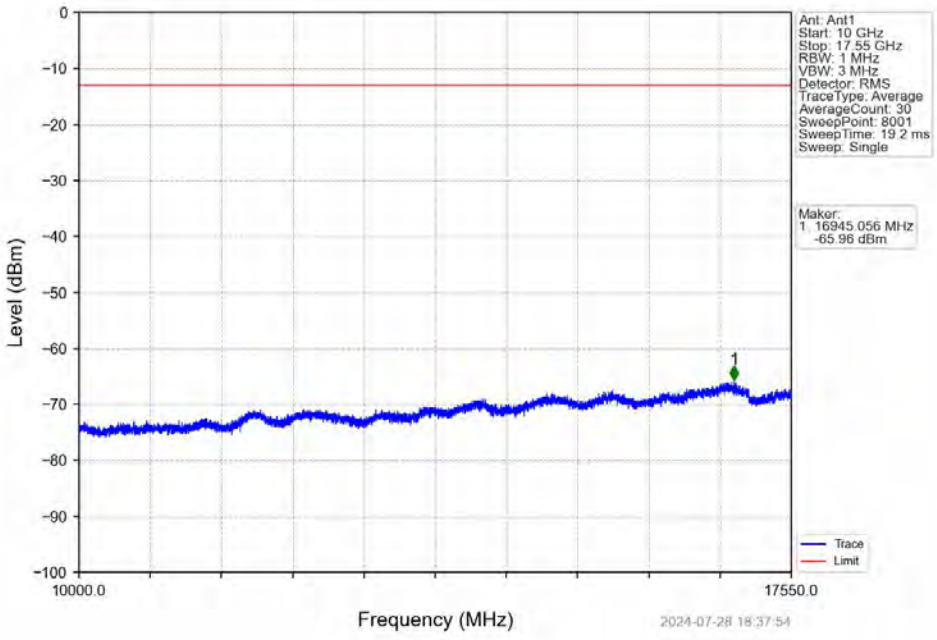


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-26.49	-13	Pass
1709	1710	0.033	/	2	1709.994	-26.17	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

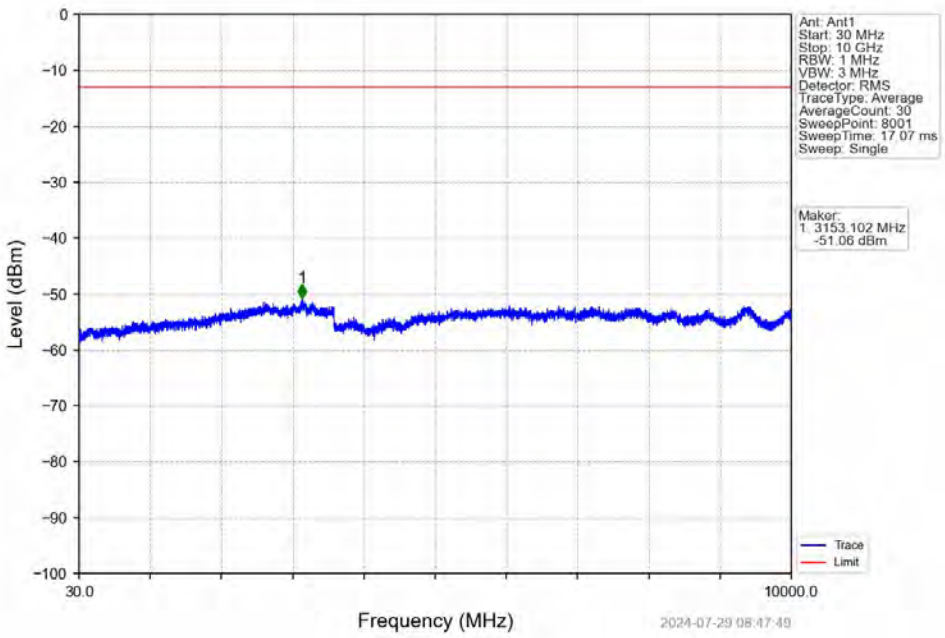
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



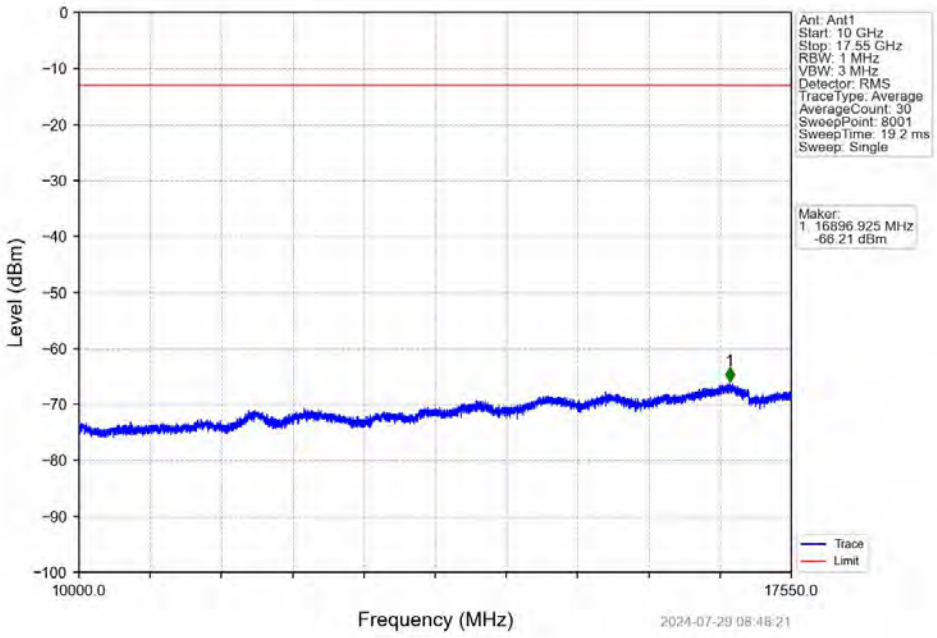
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



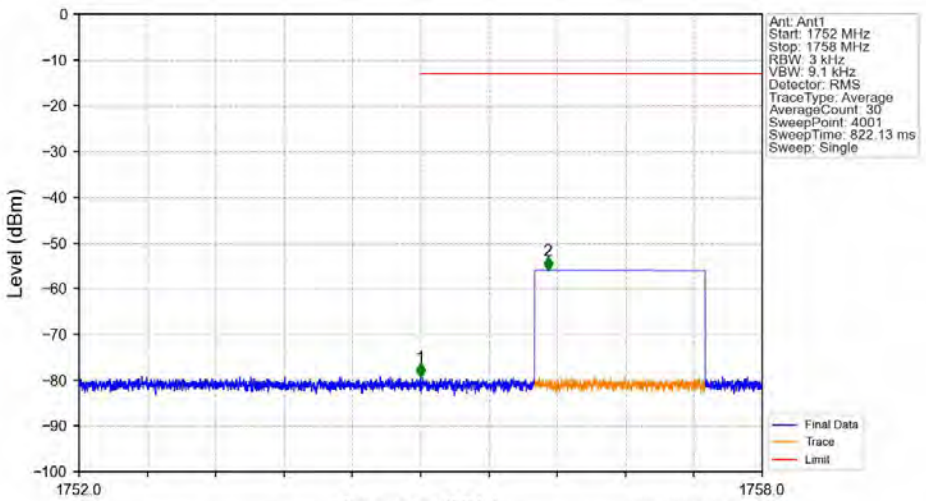
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

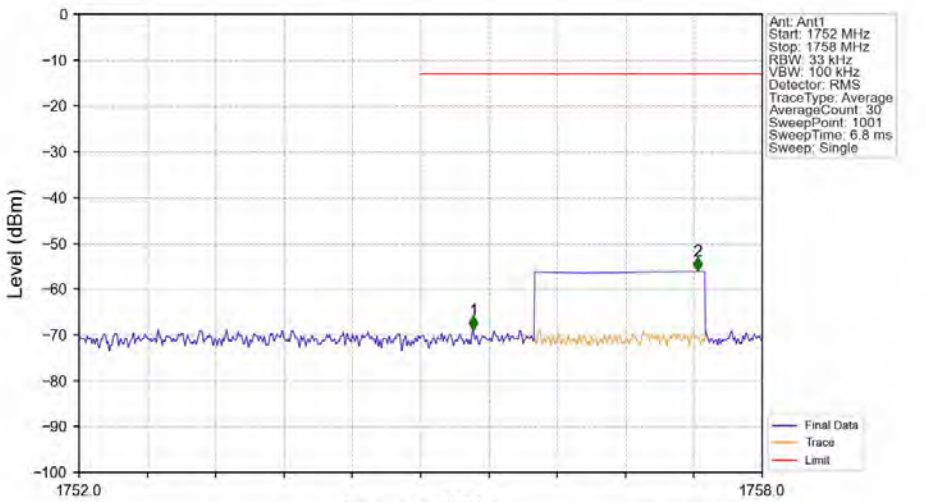


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-79.36	-13	Pass
1756	1758	1	CHP	2	1756.118	-56.05	-13	Pass

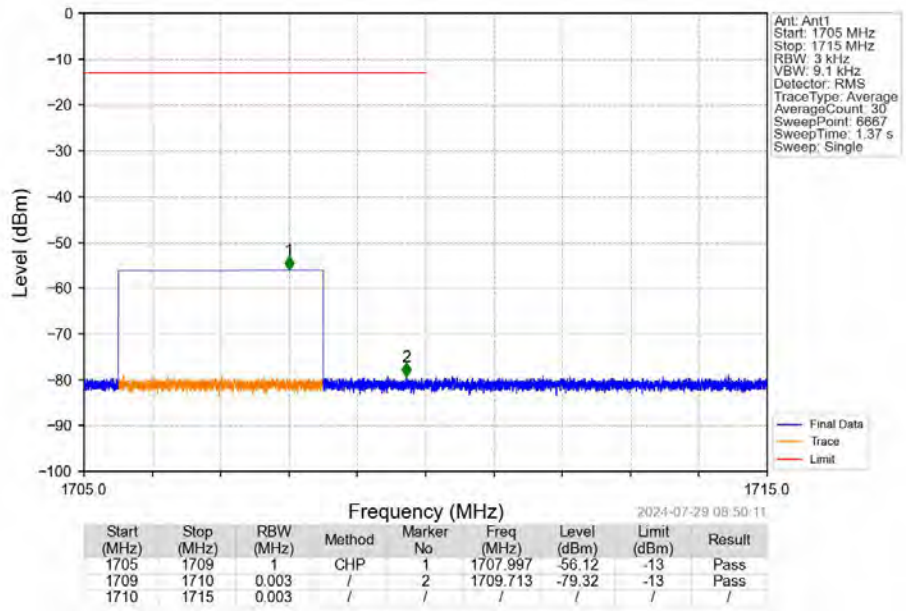
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.462	-68.95	-13	Pass
1756	1758	1	CHP	2	1757.436	-56.16	-13	Pass

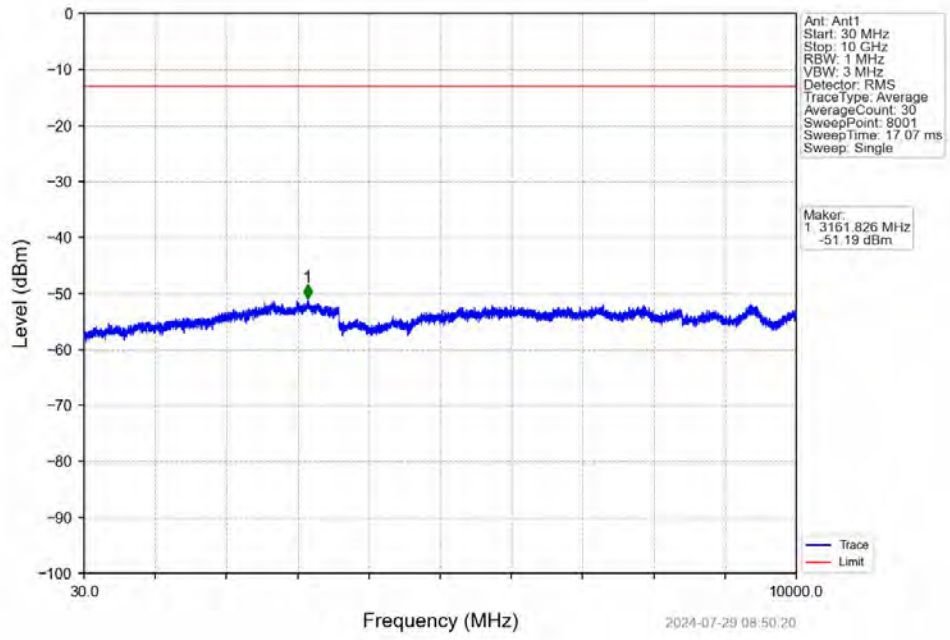
6.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

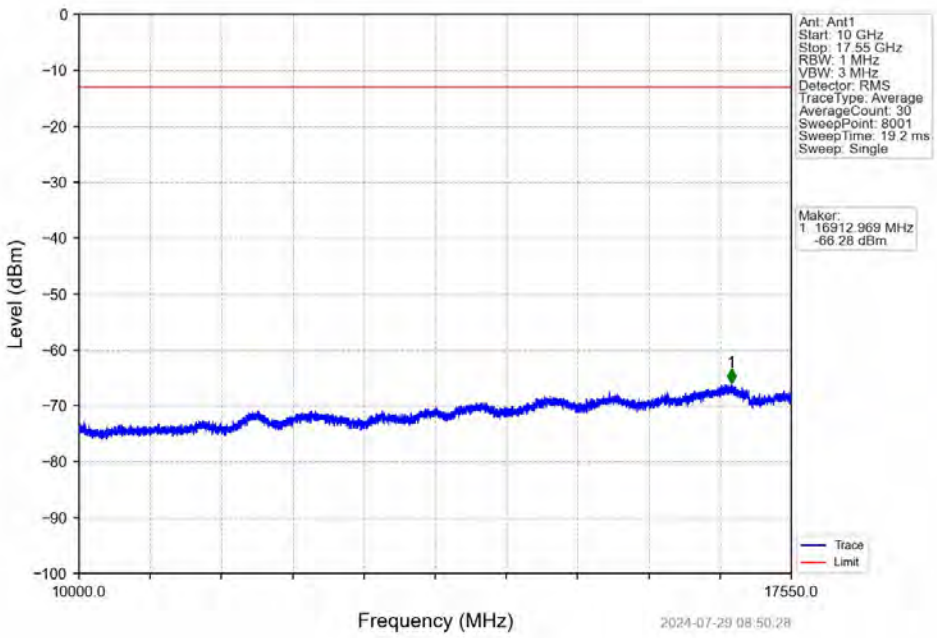


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1707.997	-56.12	-13	Pass
1709	1710	0.003	/	2	1709.713	-79.32	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

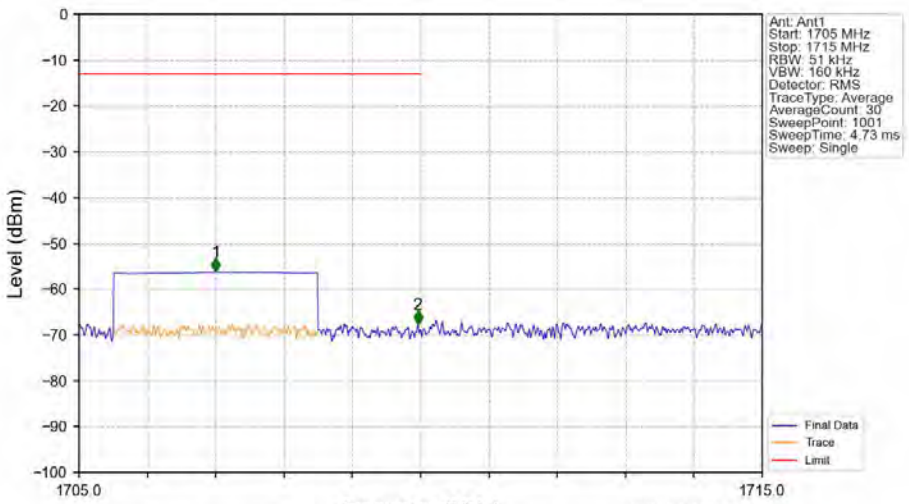
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

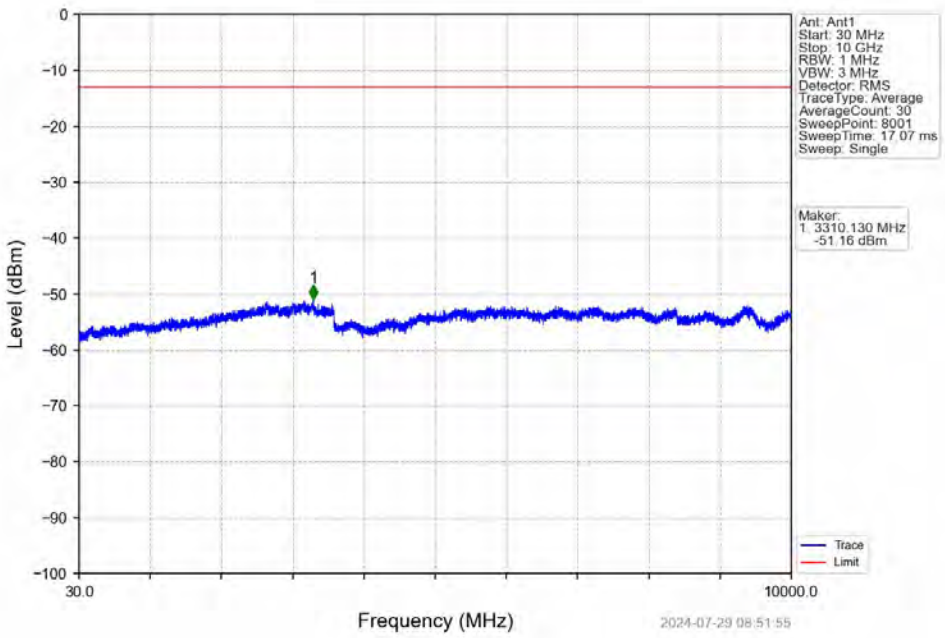


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

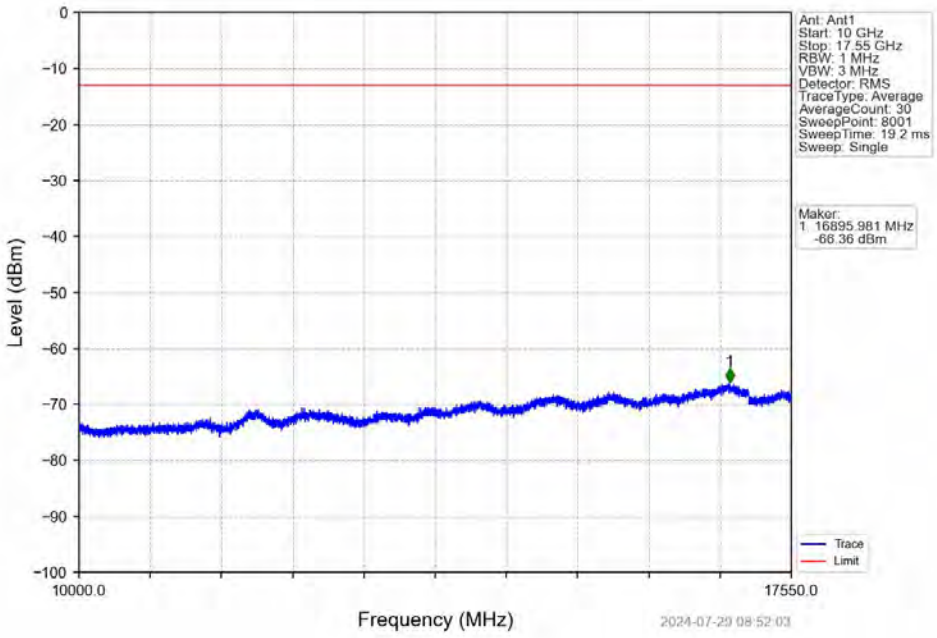


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1707.000	-56.26	-13	Pass
1709	1710	0.051	/	2	1709.960	-67.76	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

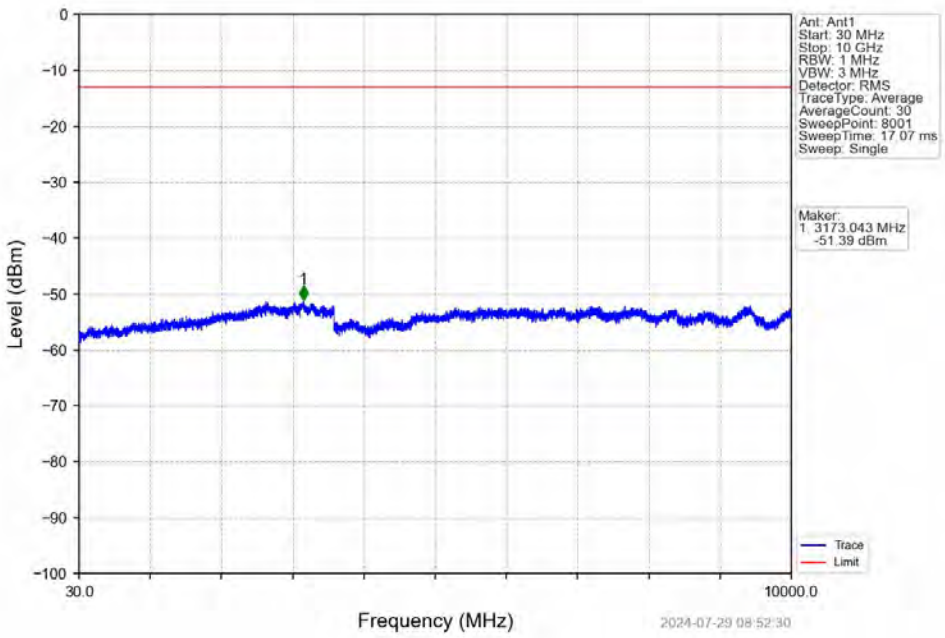
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



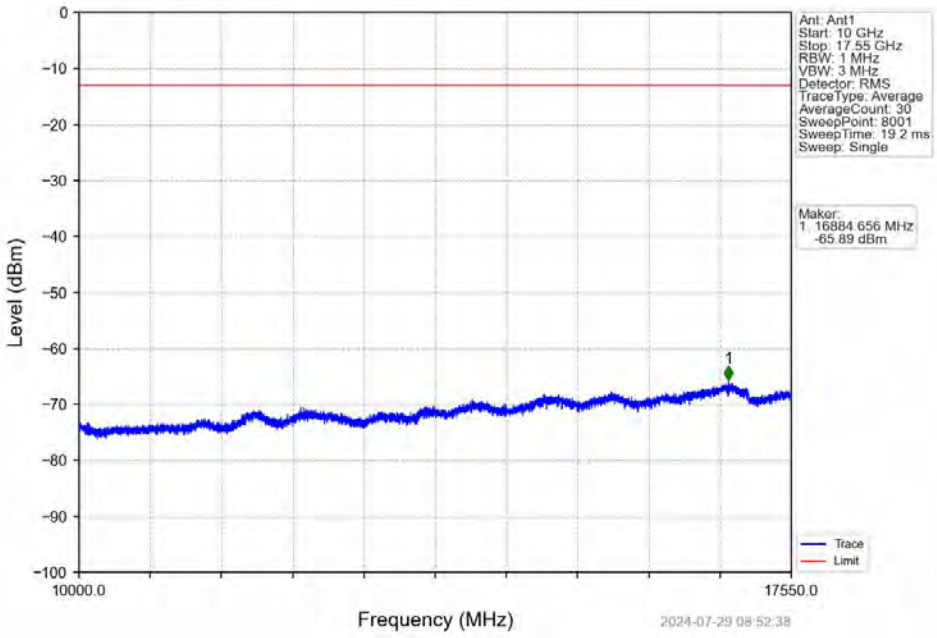
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



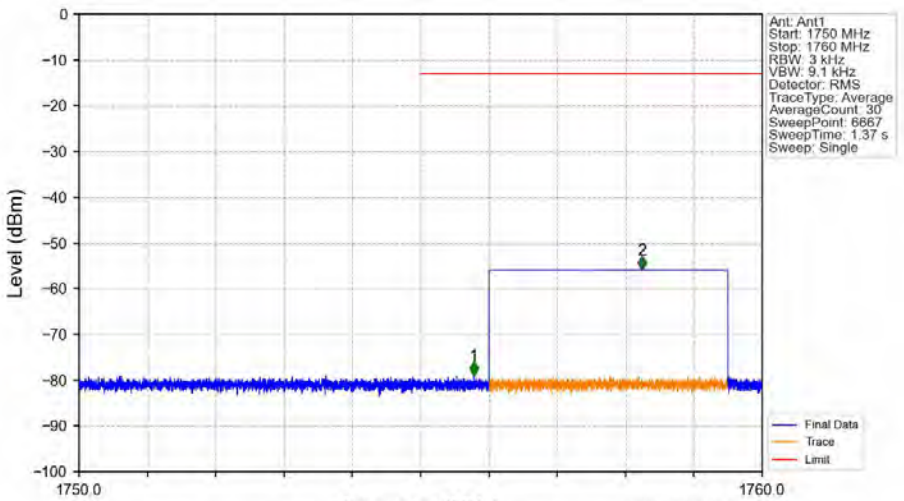
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

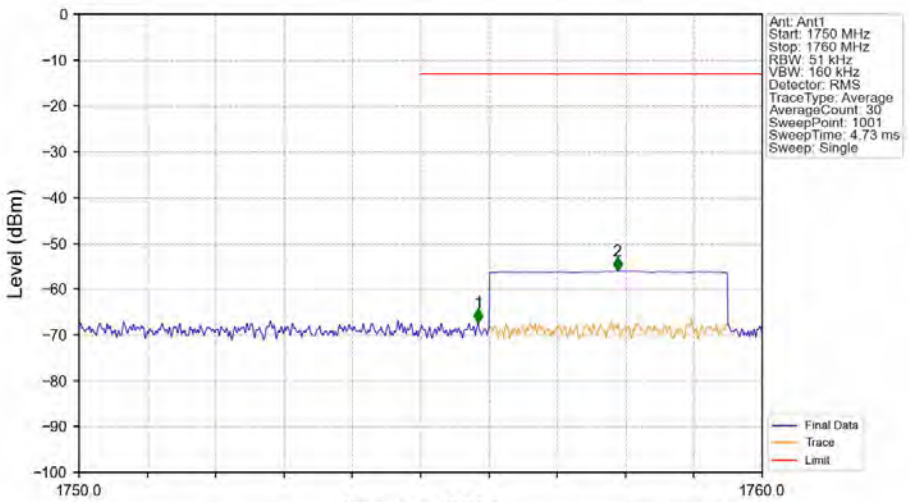


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



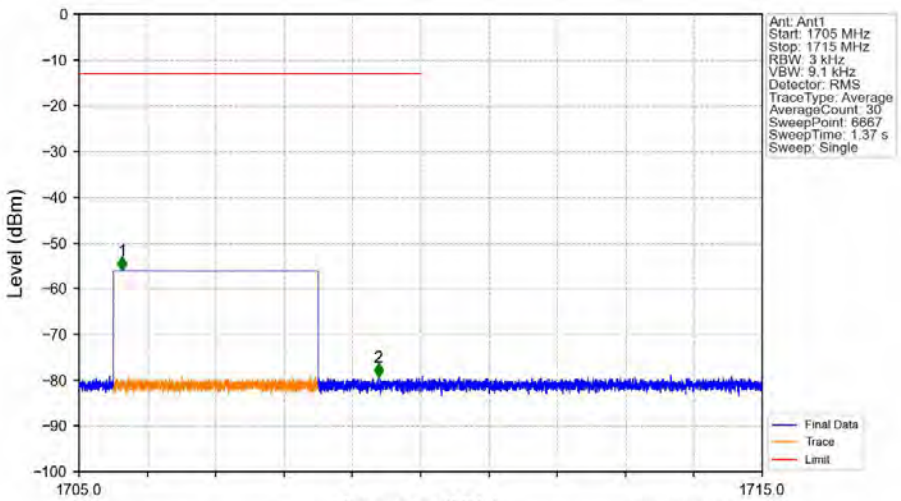
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.777	-78.97	-13	Pass
1756	1760	1	CHP	2	1758.237	-55.97	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



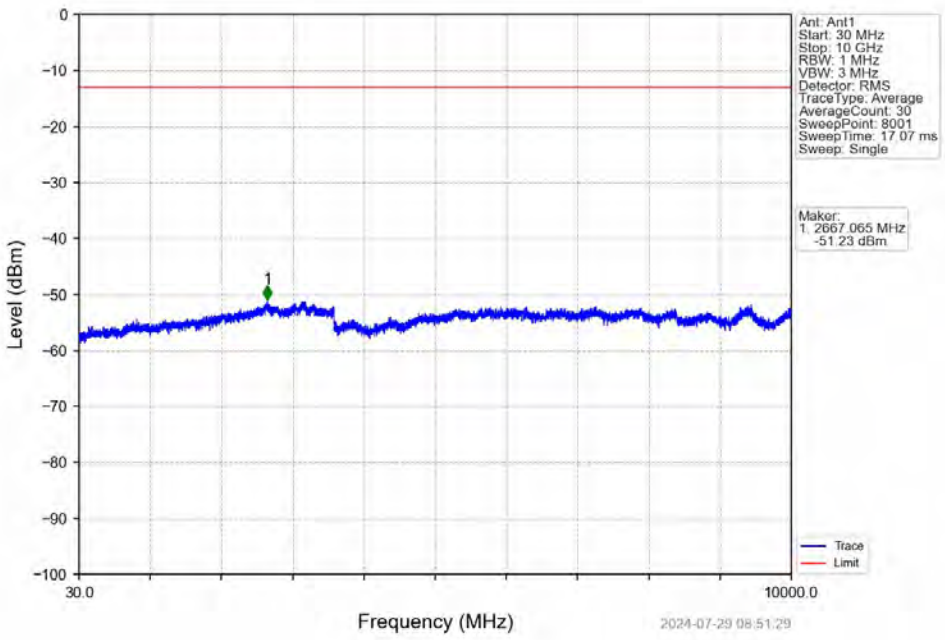
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	/	/	/	/	/	/
1755	1756	0.051	/	1	1755.840	-67.35	-13	Pass
1756	1760	1	CHP	2	1757.880	-56.08	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

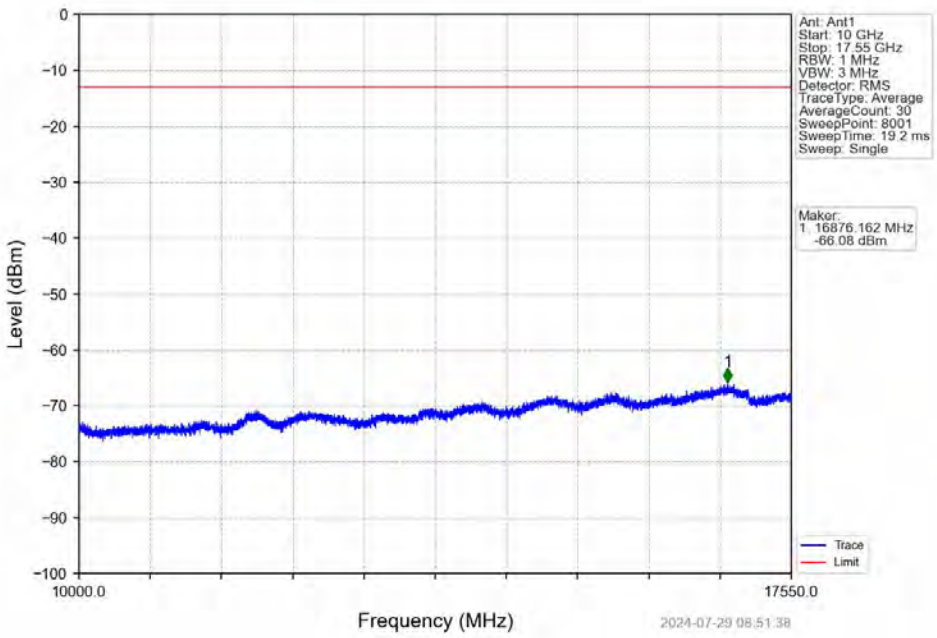


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1705.629	-56.13	-13	Pass
1709	1710	0.003	/	2	1709.380	-79.43	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

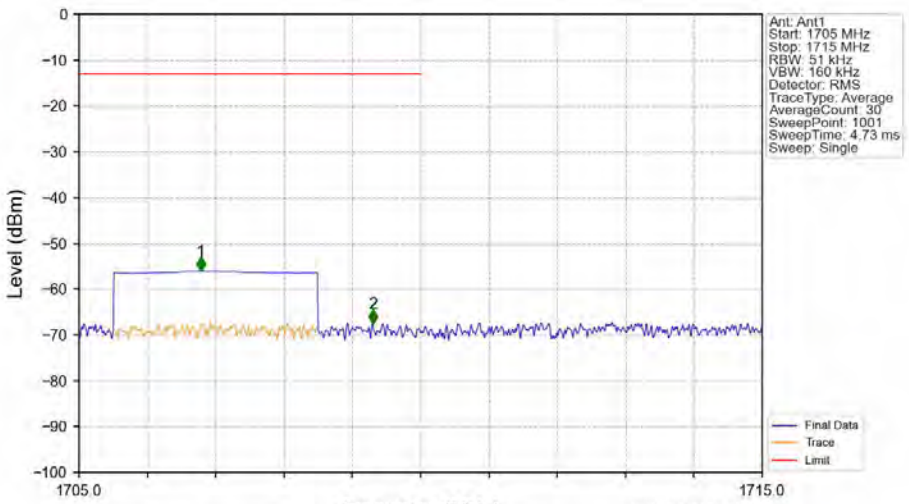
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

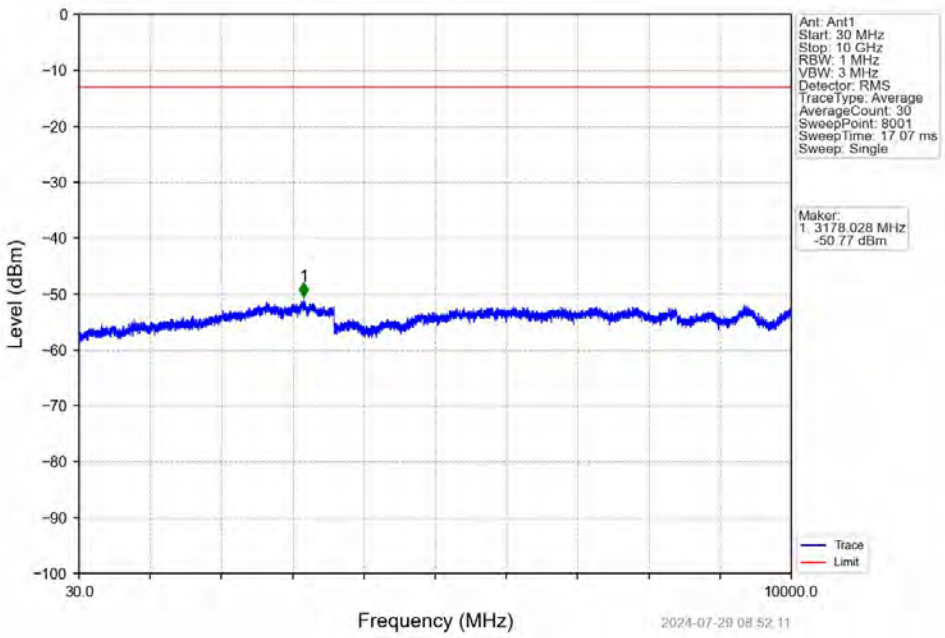


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

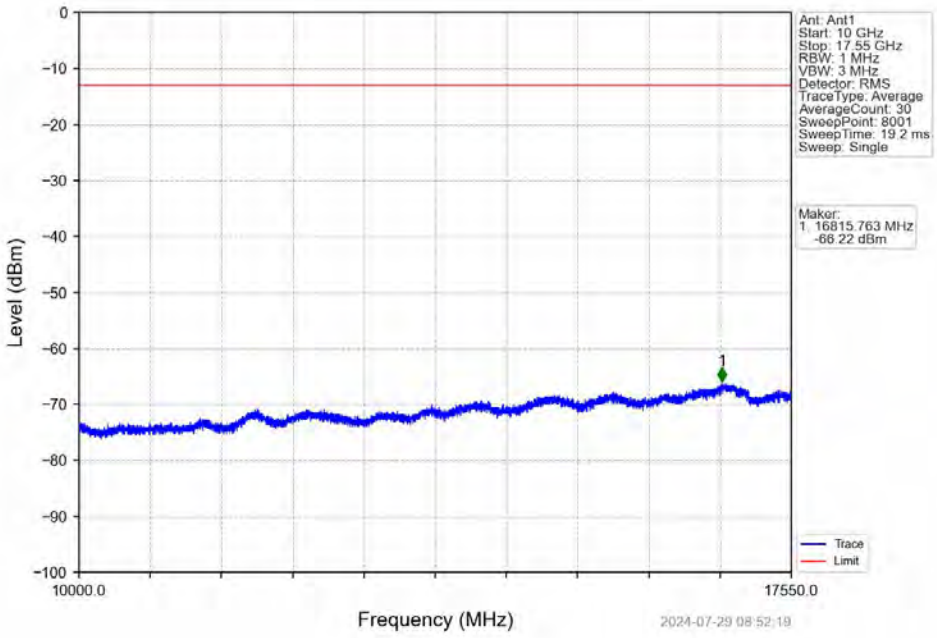


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.780	-56.08	-13	Pass
1709	1710	0.051	/	2	1709.300	-67.58	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

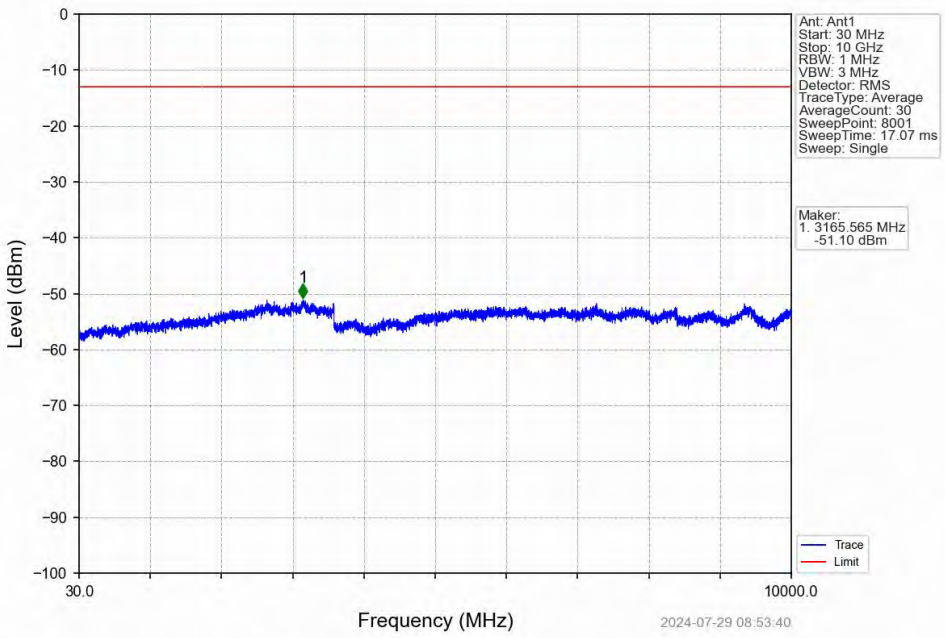
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



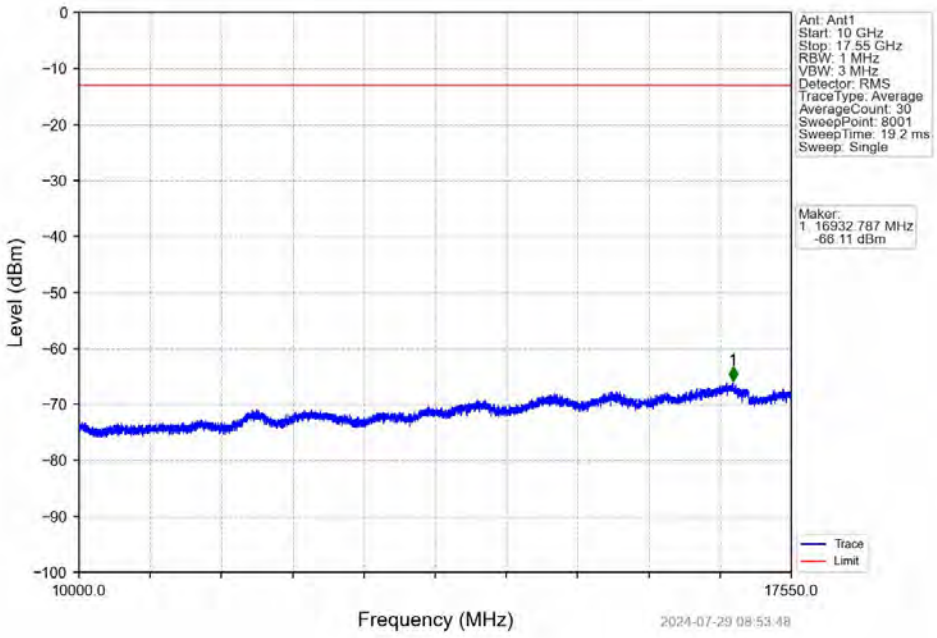
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



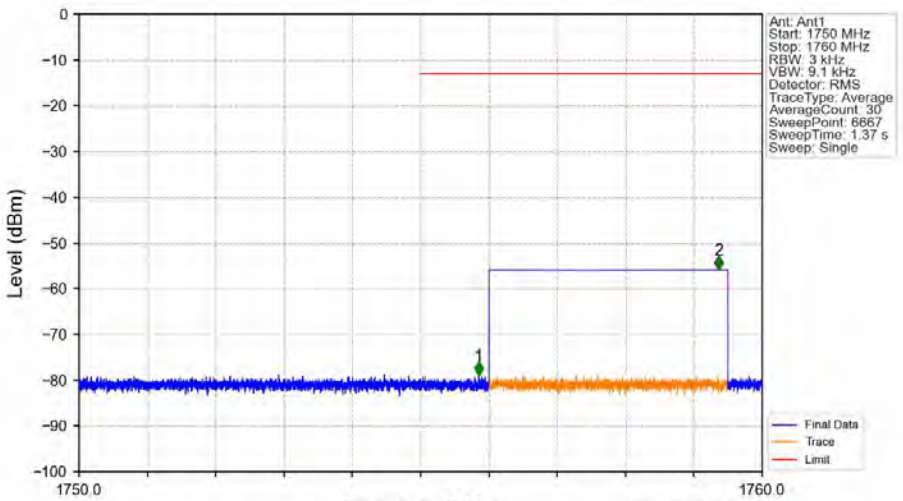
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

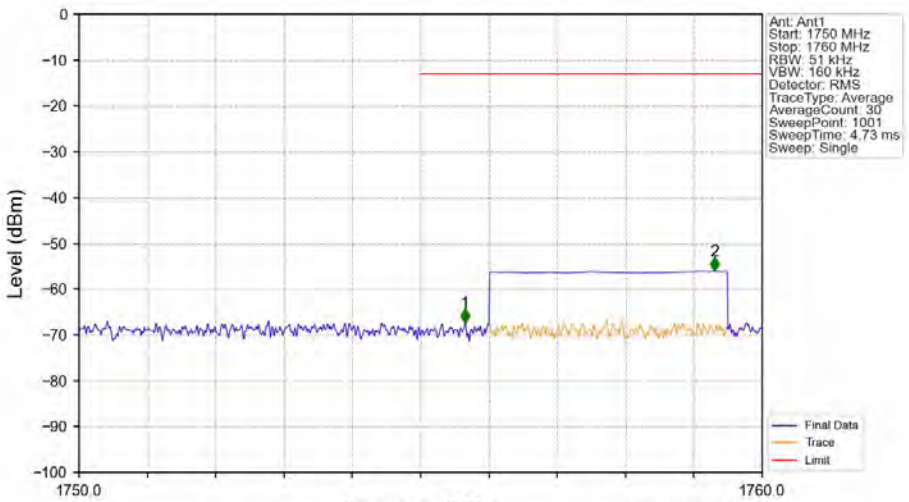


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.849	-79.03	-13	Pass
1756	1760	1	CHP	2	1759.361	-55.95	-13	Pass

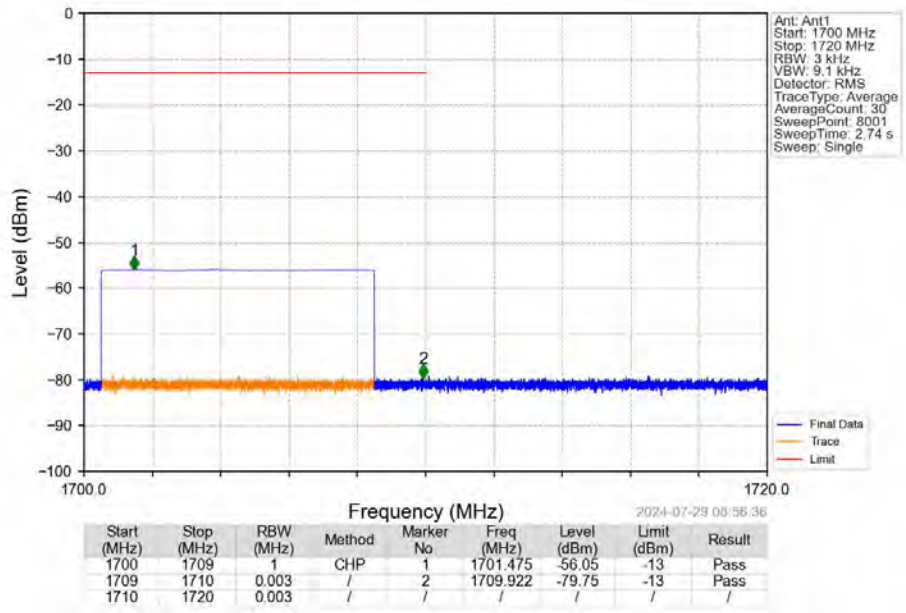
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



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	1755.650	-67.32	-13	Pass
1756	1760	1	CHP	2	1759.300	-56.12	-13	Pass

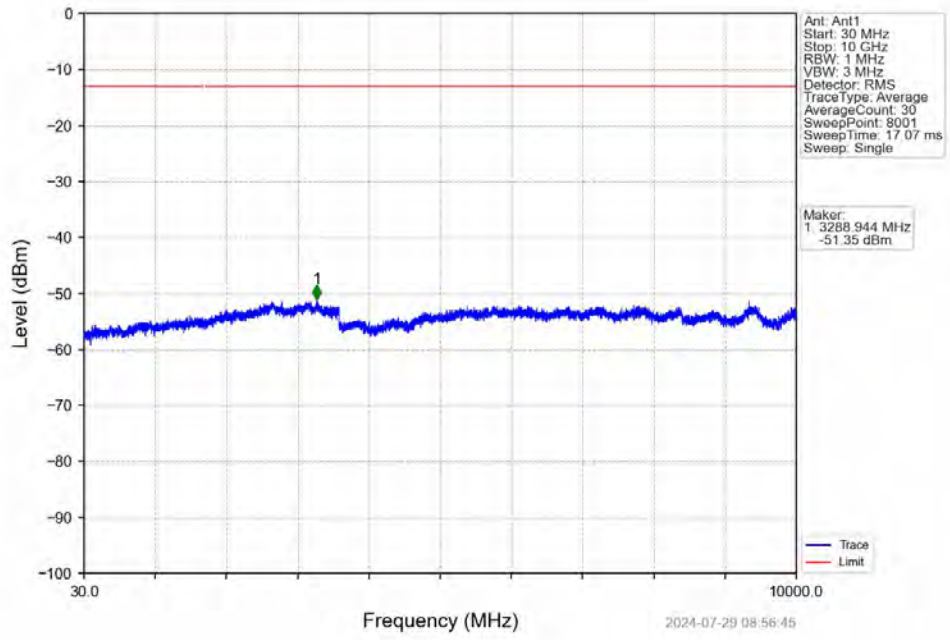
6.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

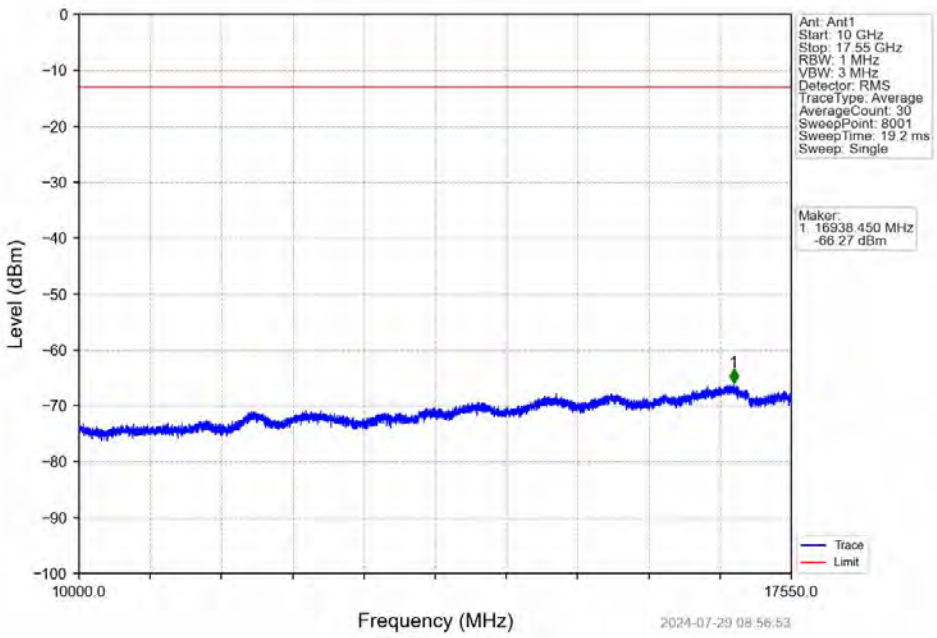


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1701.475	-56.05	-13	Pass
1709	1710	0.003	/	2	1709.922	-79.75	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

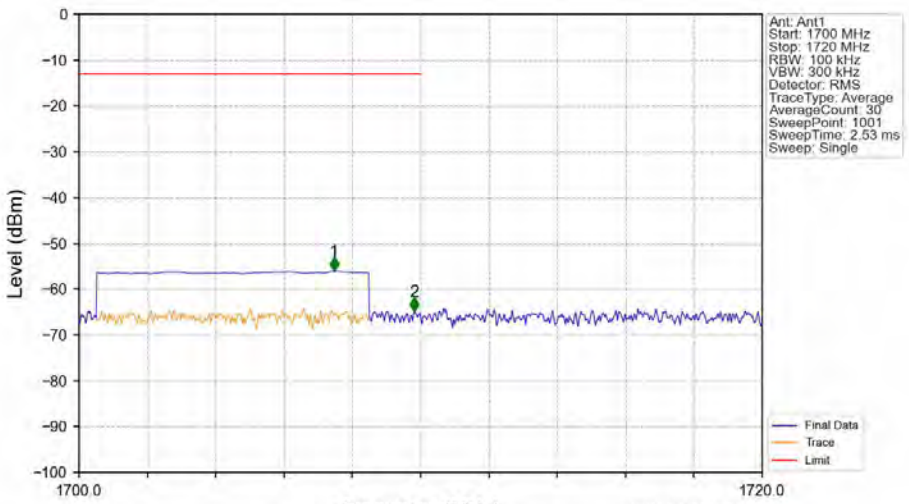
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

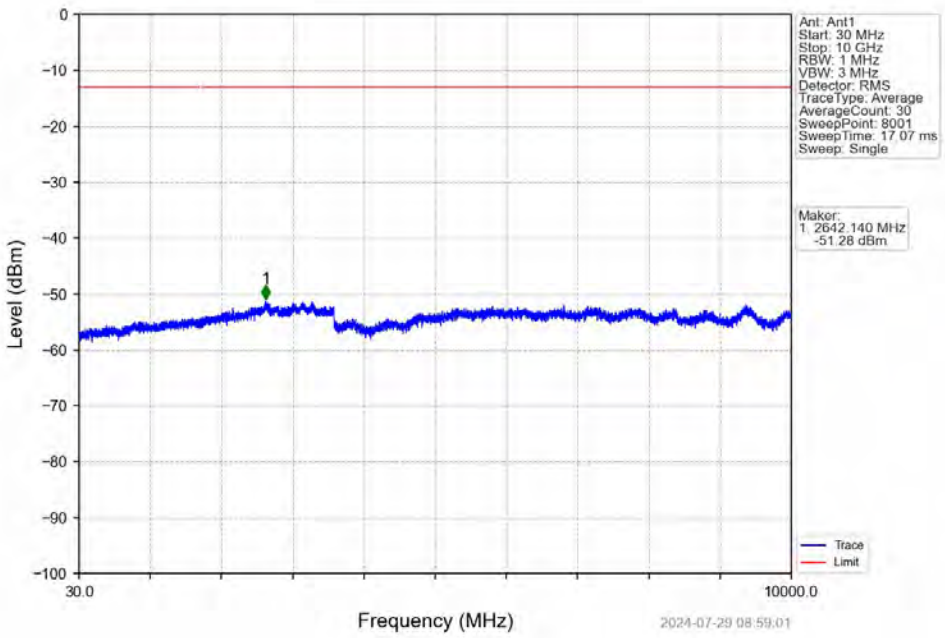


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

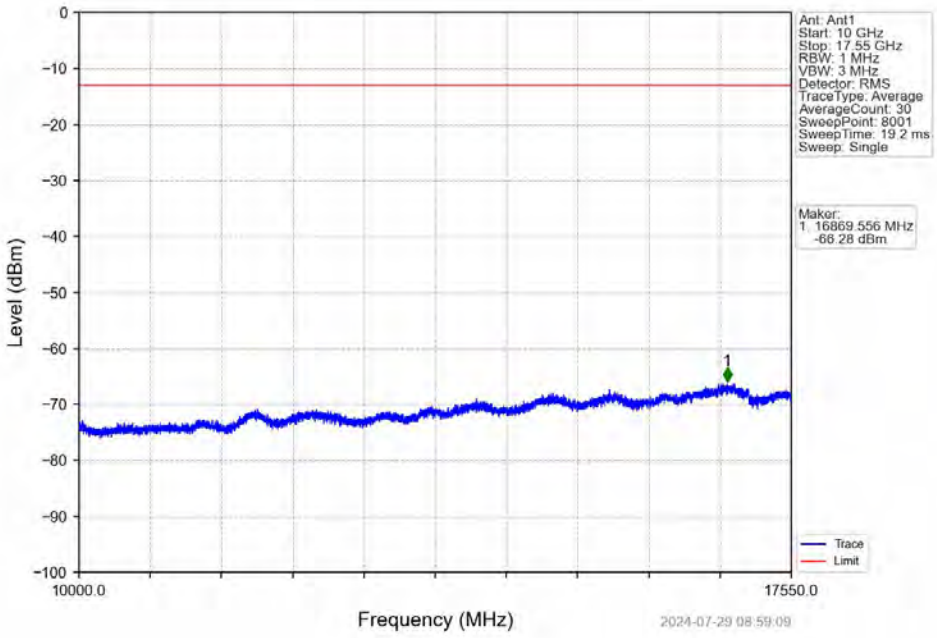


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1707.460	-56.12	-13	Pass
1709	1710	0.1	/	2	1709.820	-64.85	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

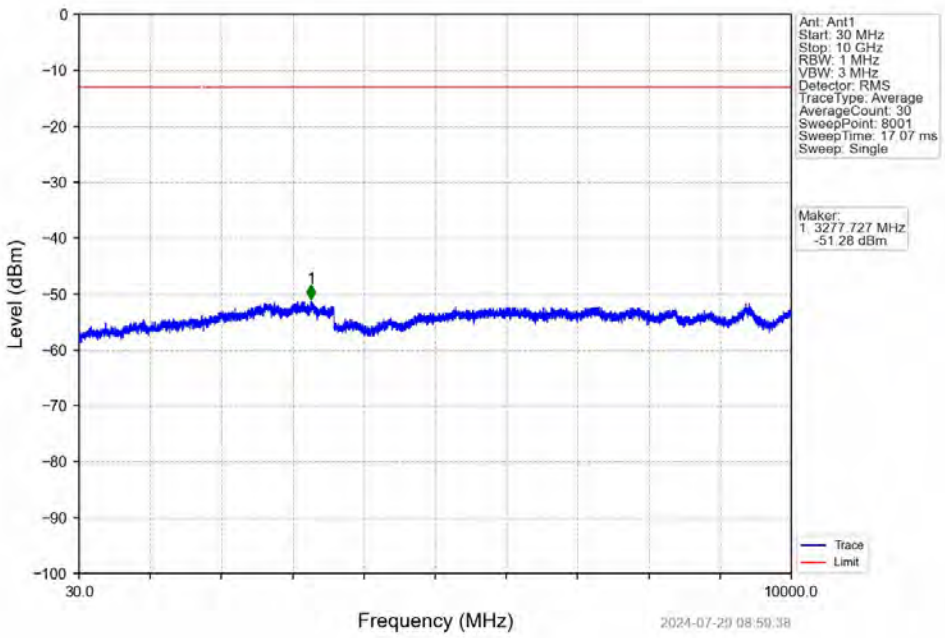
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



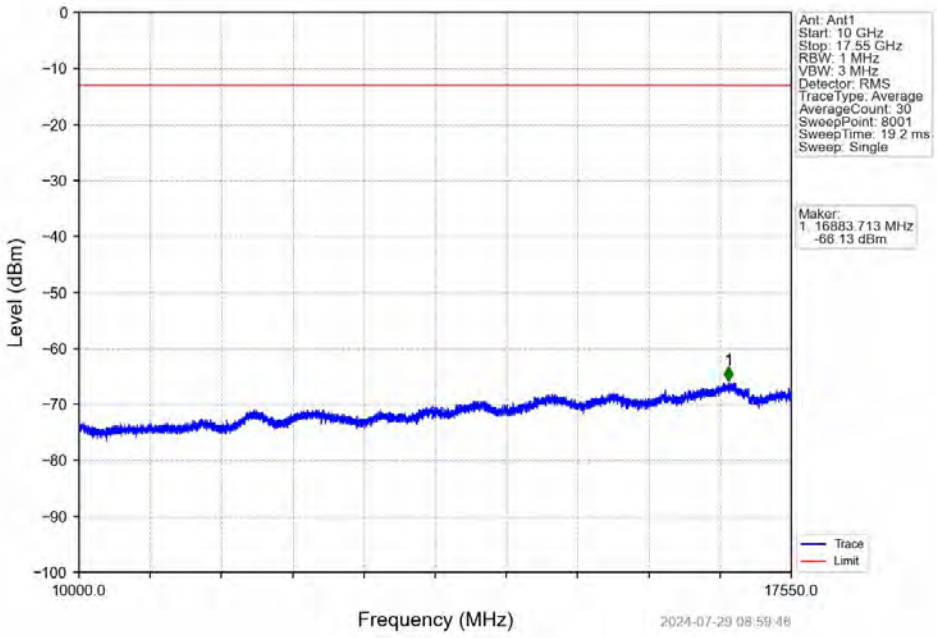
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



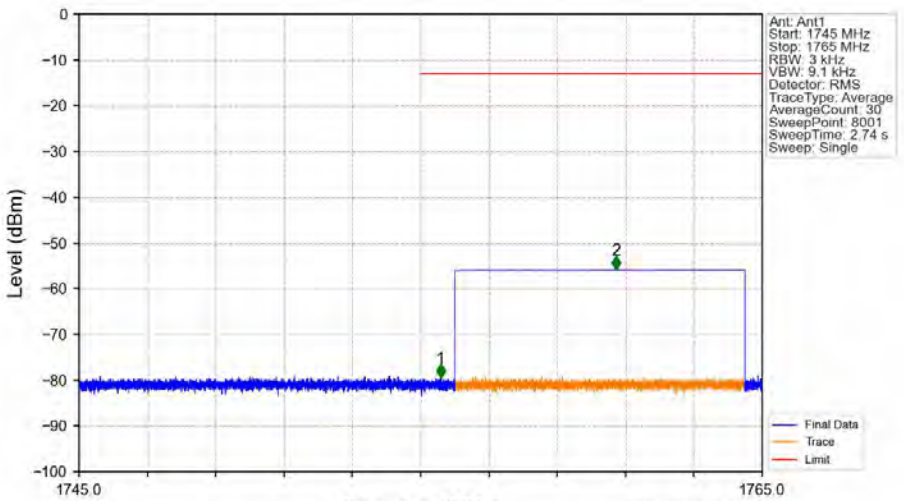
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

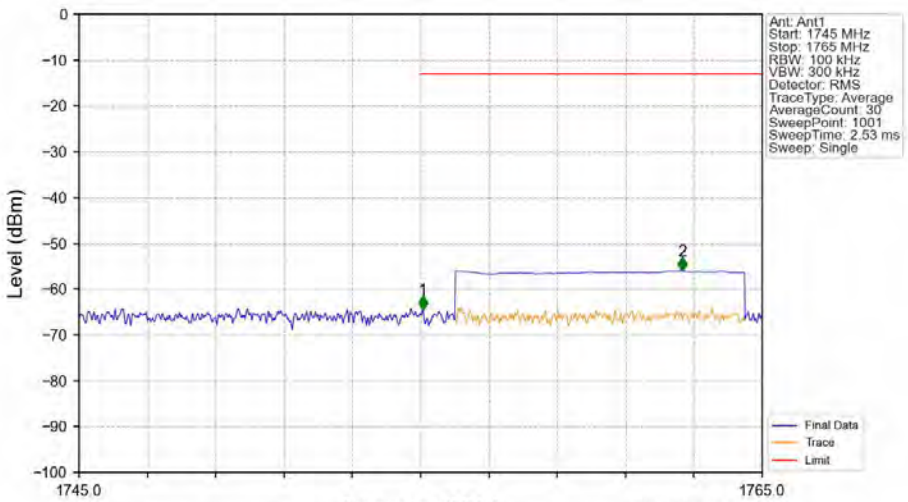


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



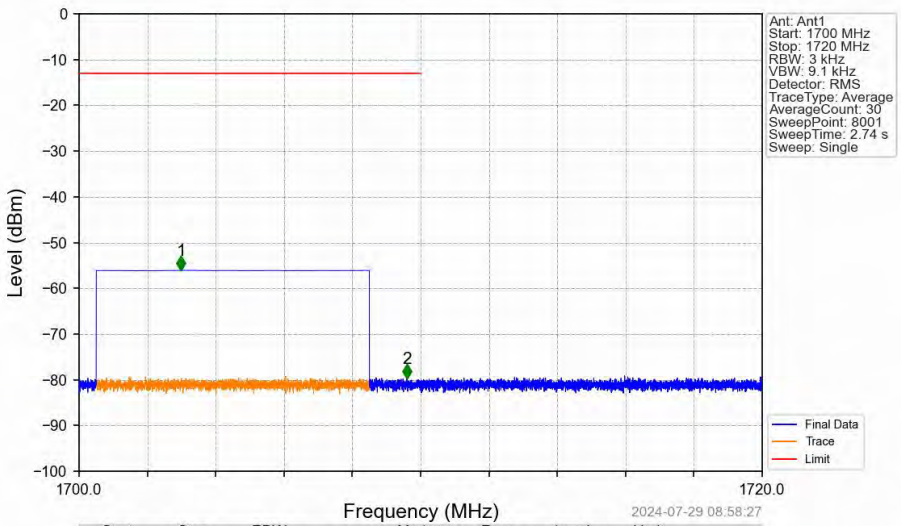
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.588	-79.50	-13	Pass
1756	1765	1	CHP	2	1760.733	-55.96	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



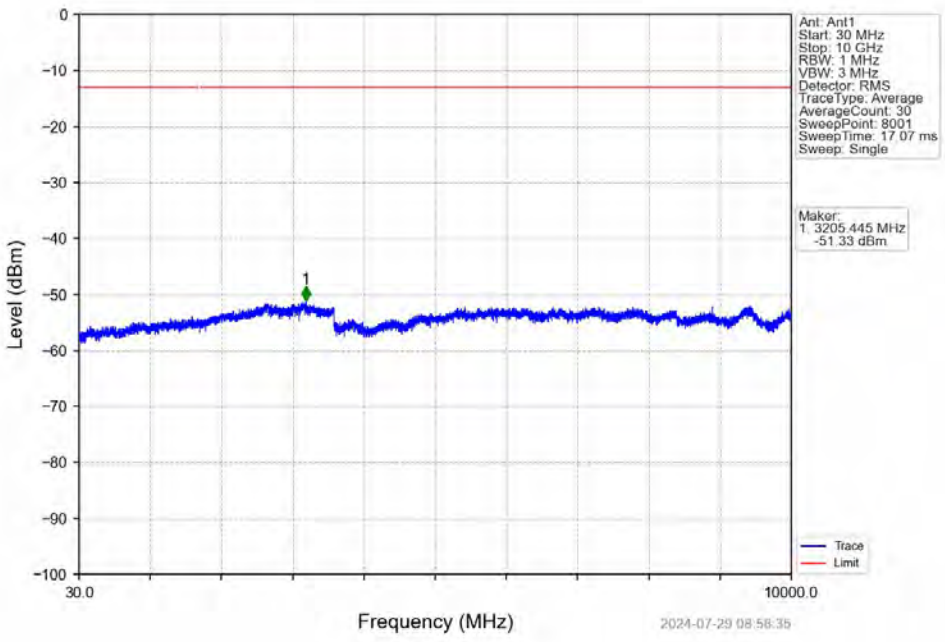
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.060	-64.58	-13	Pass
1756	1765	1	CHP	2	1762.660	-56.07	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

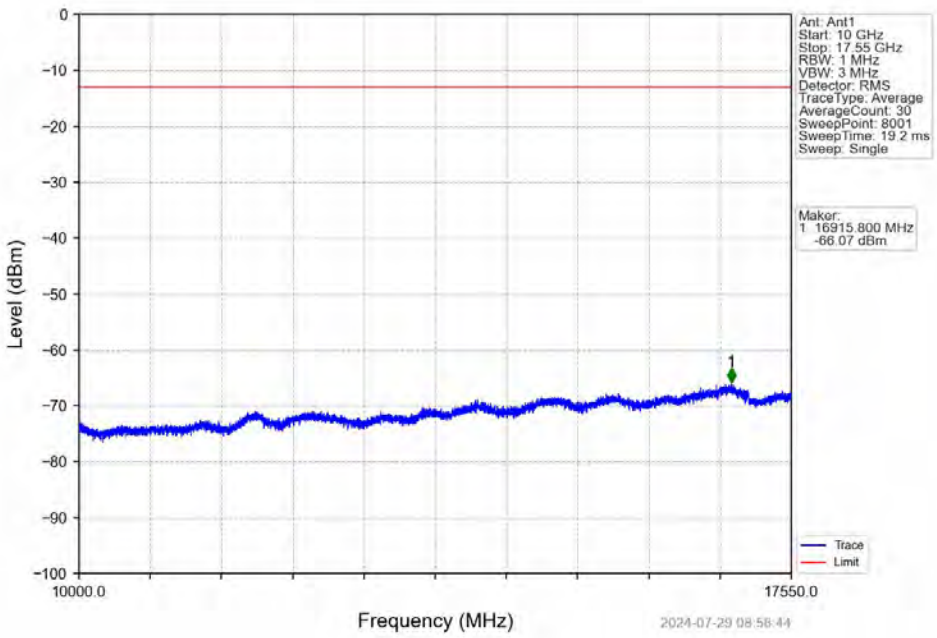


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1702.985	-56.07	-13	Pass
1709	1710	0.003	/	2	1709.598	-79.72	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

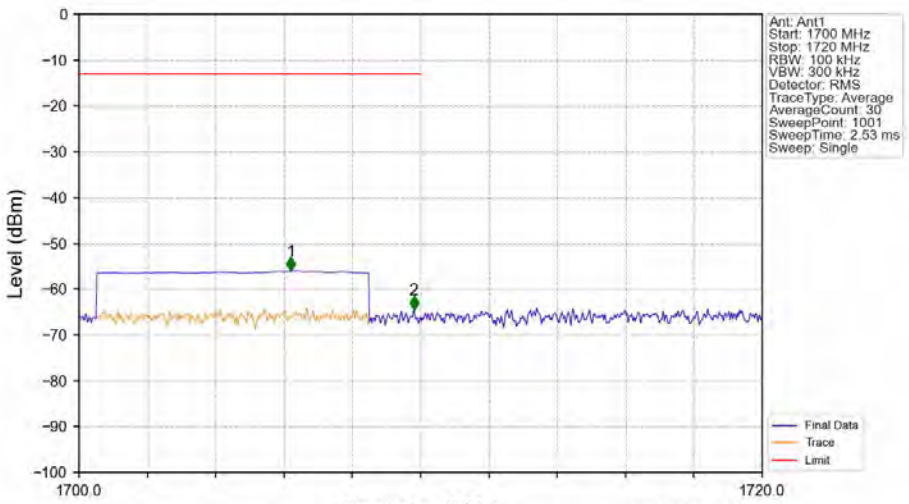
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

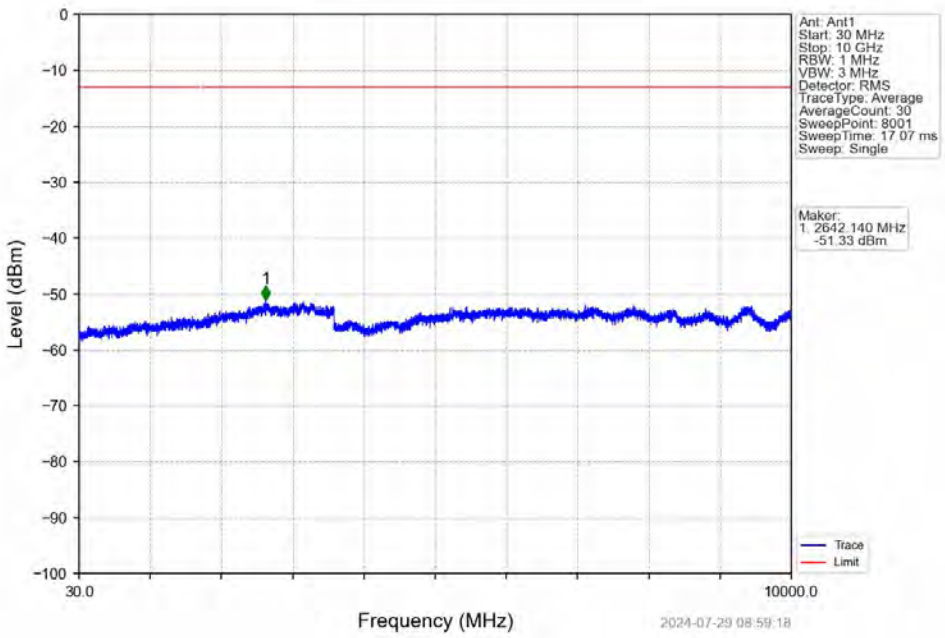


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

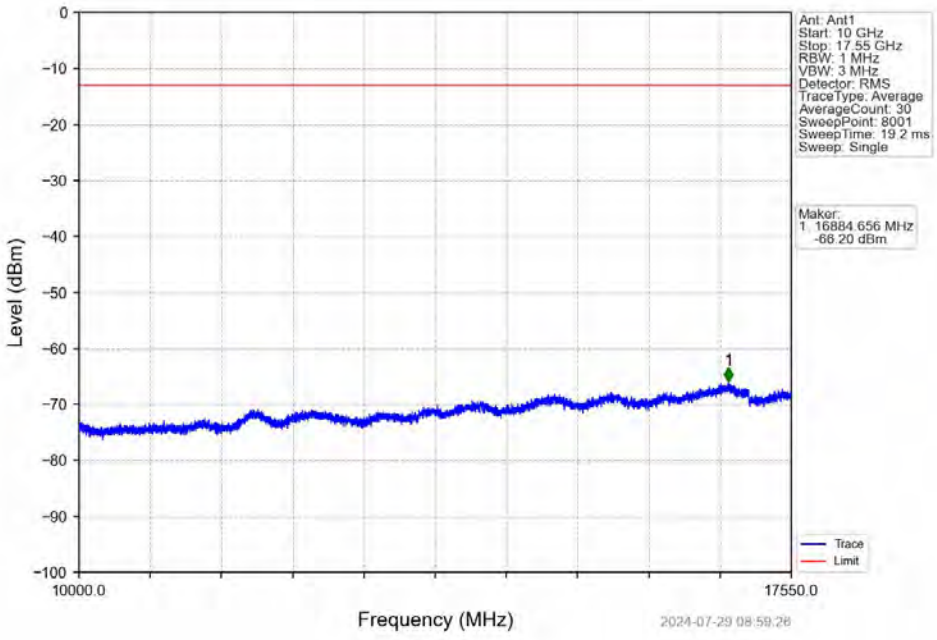


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.200	-56.06	-13	Pass
1709	1710	0.1	/	2	1709.800	-64.51	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

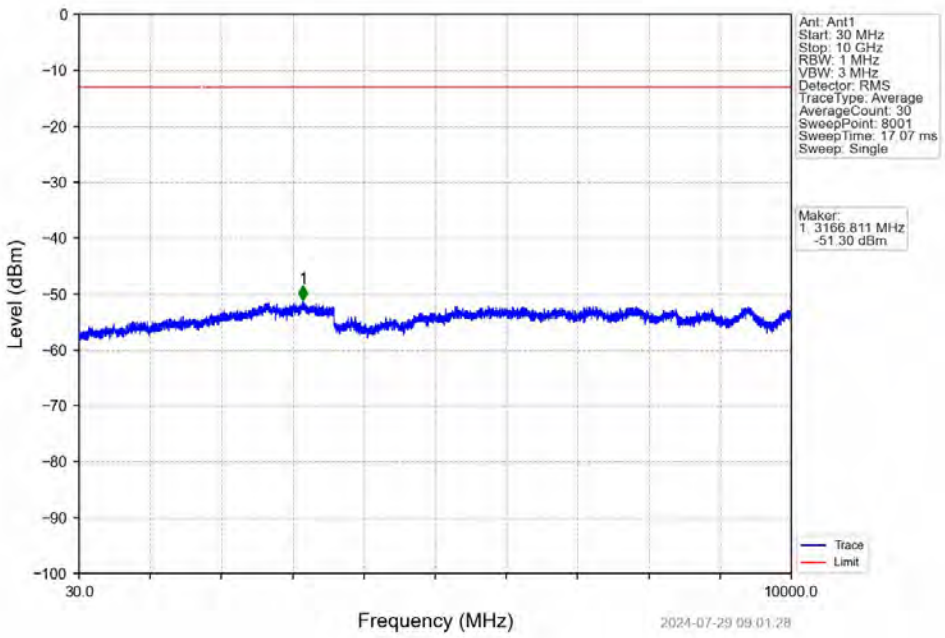
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



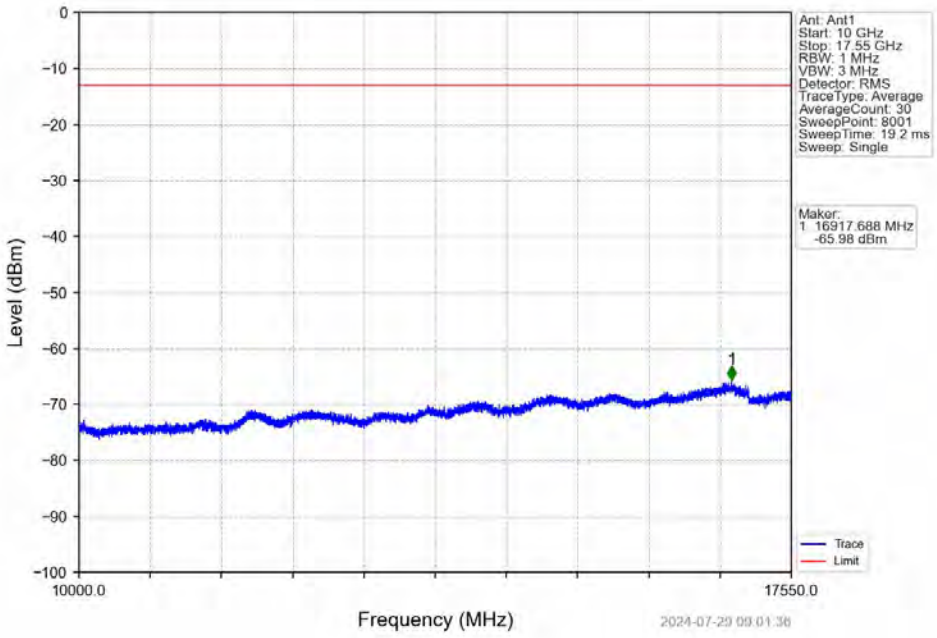
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



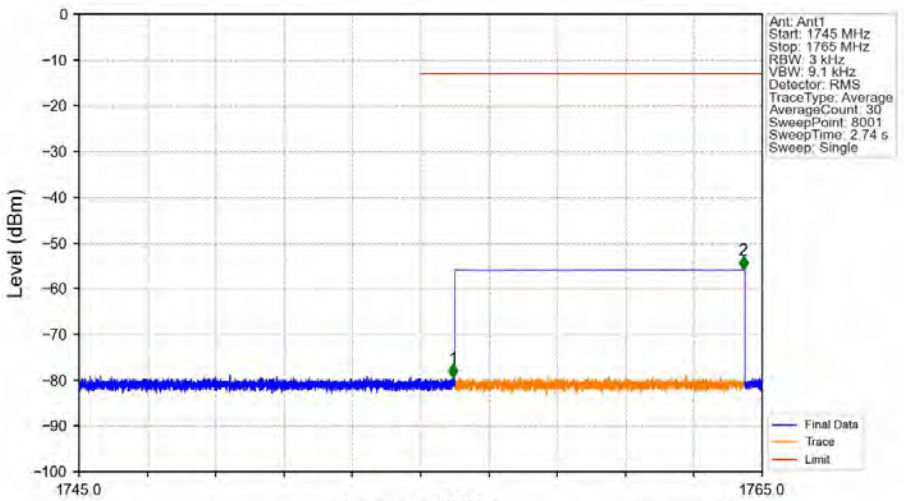
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

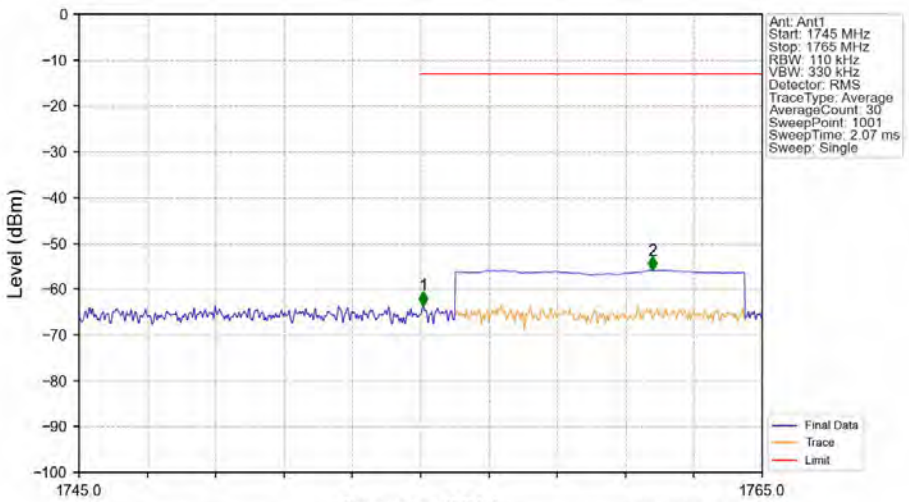


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



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	1755.953	-79.56	-13	Pass
1756	1765	1	CHP	2	1764.447	-55.96	-13	Pass

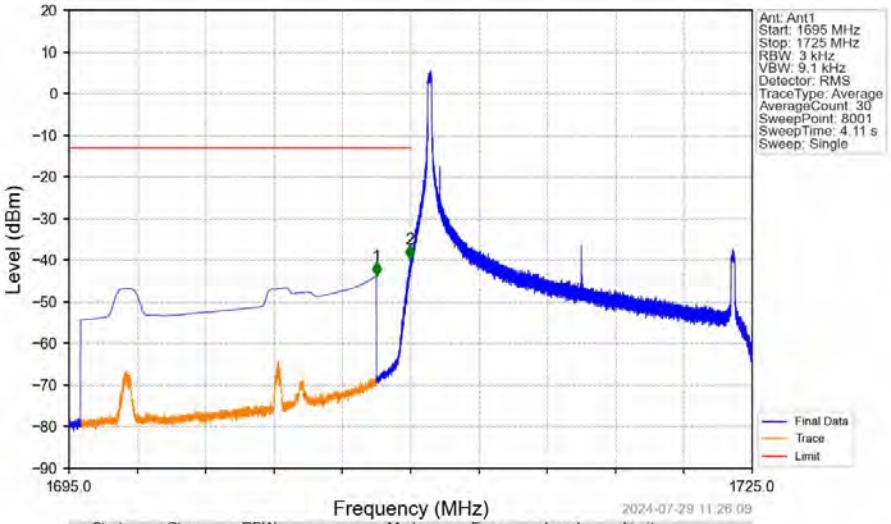
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.080	-63.60	-13	Pass
1756	1765	1	CHP	2	1761.780	-55.97	-13	Pass

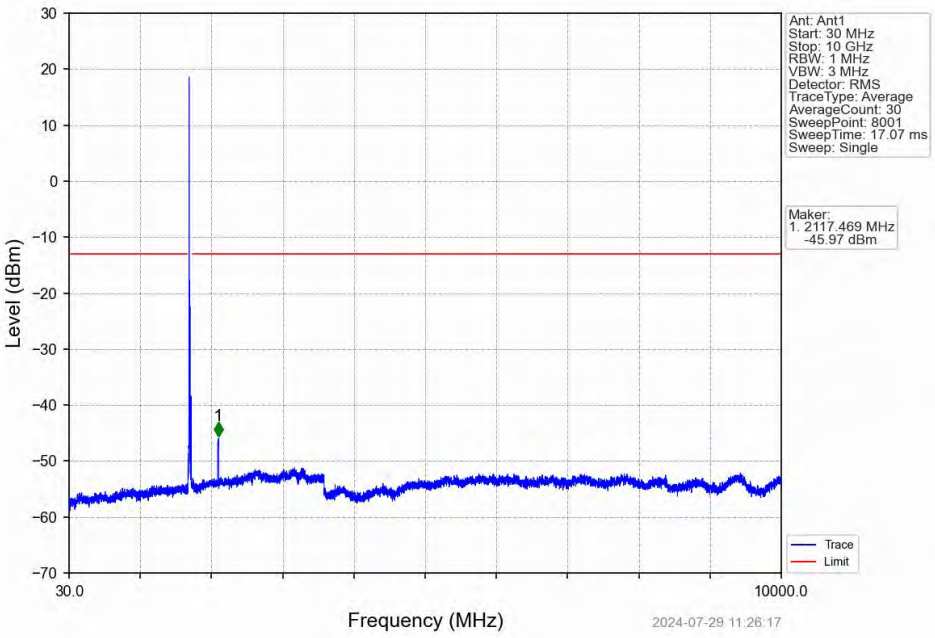
6.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

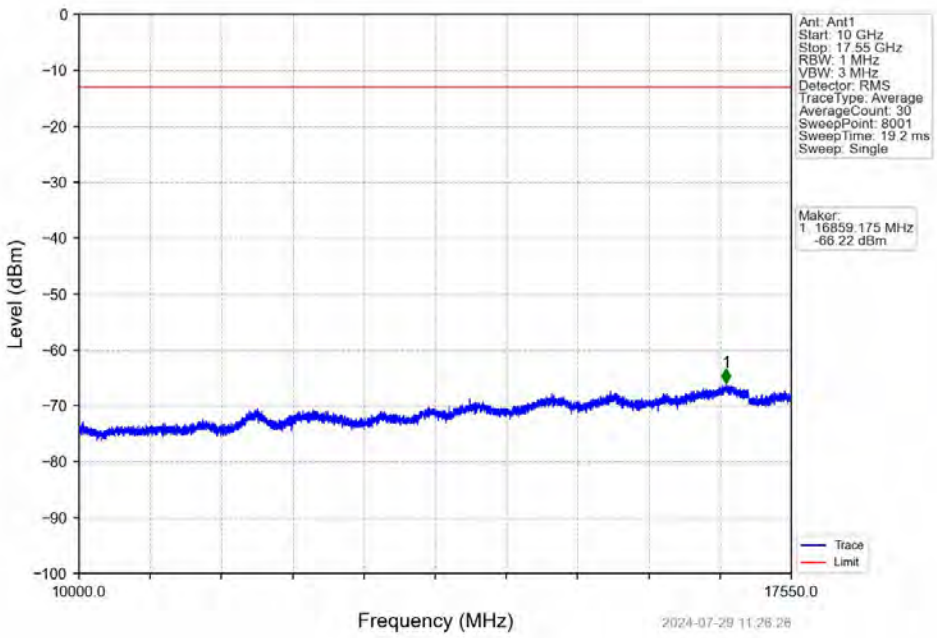


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.496	-43.79	-13	Pass
1709	1710	0.003	/	2	1709.981	-39.79	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

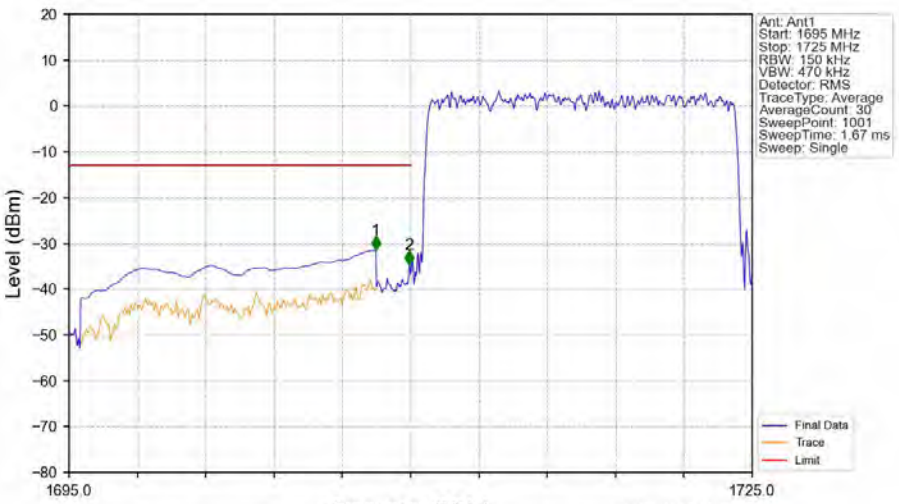
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

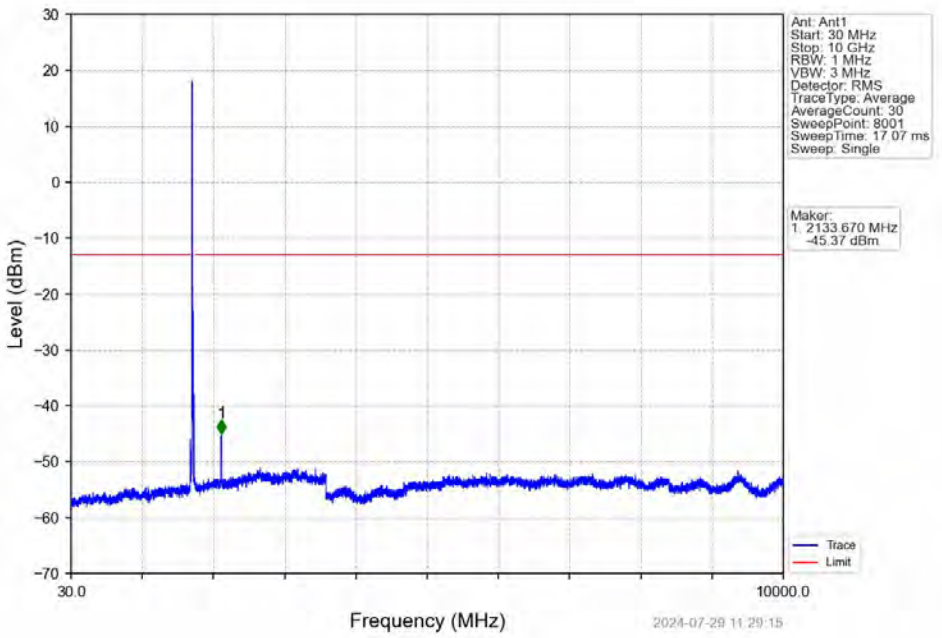


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

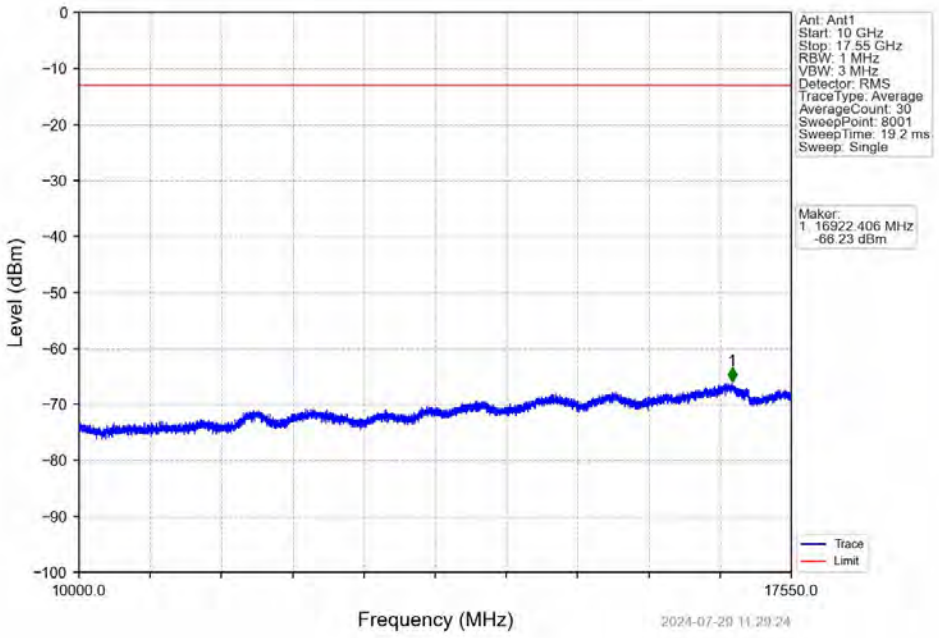


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-31.50	-13	Pass
1709	1710	0.15	/	2	1709.940	-34.69	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

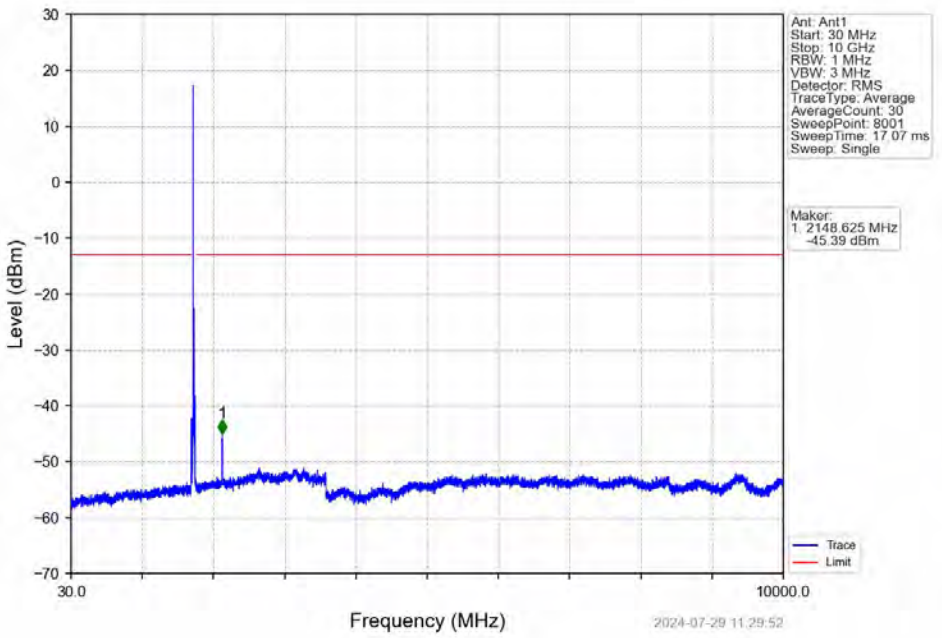
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



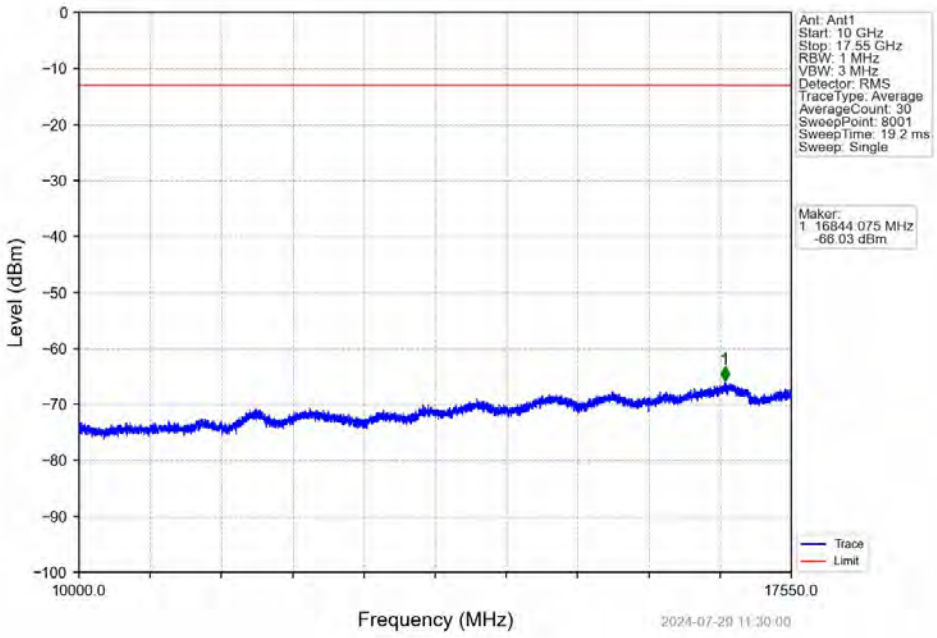
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



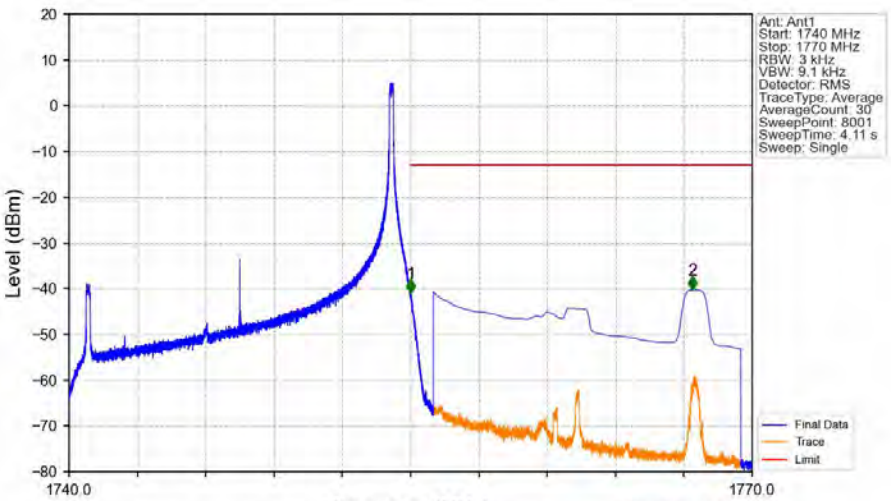
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

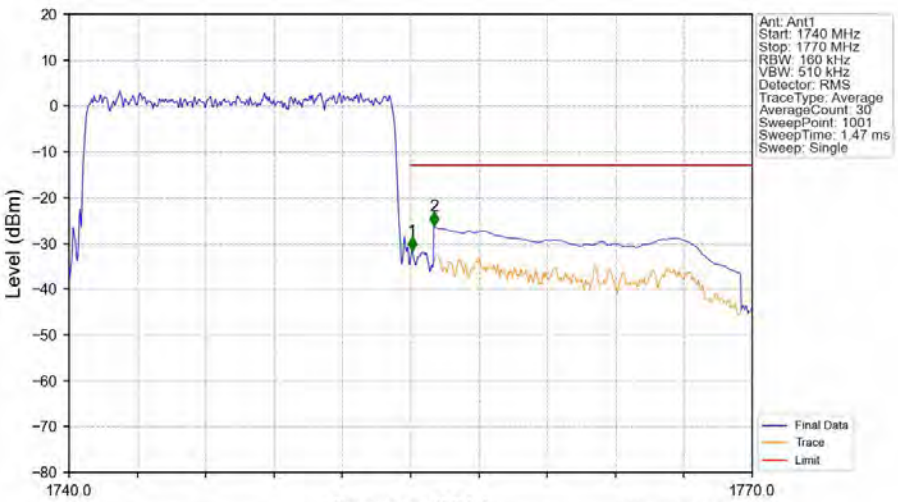


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



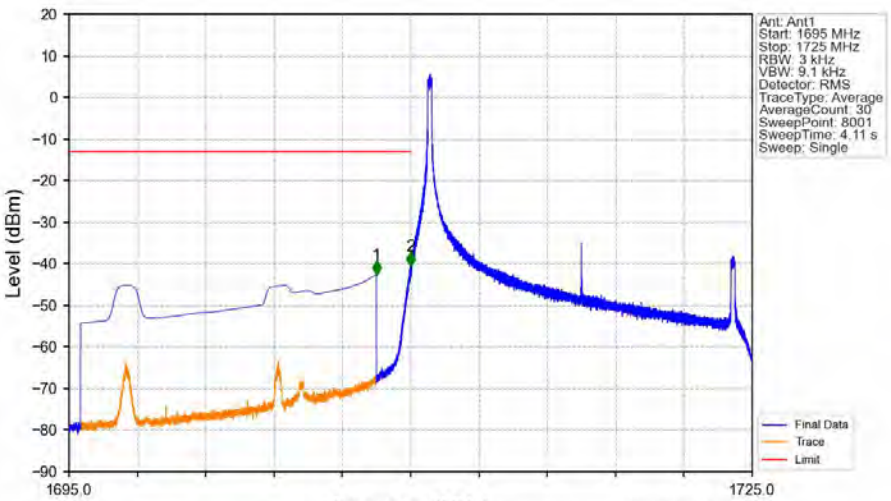
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-41.05	-13	Pass
1756	1770	1	CHP	2	1767.382	-40.27	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



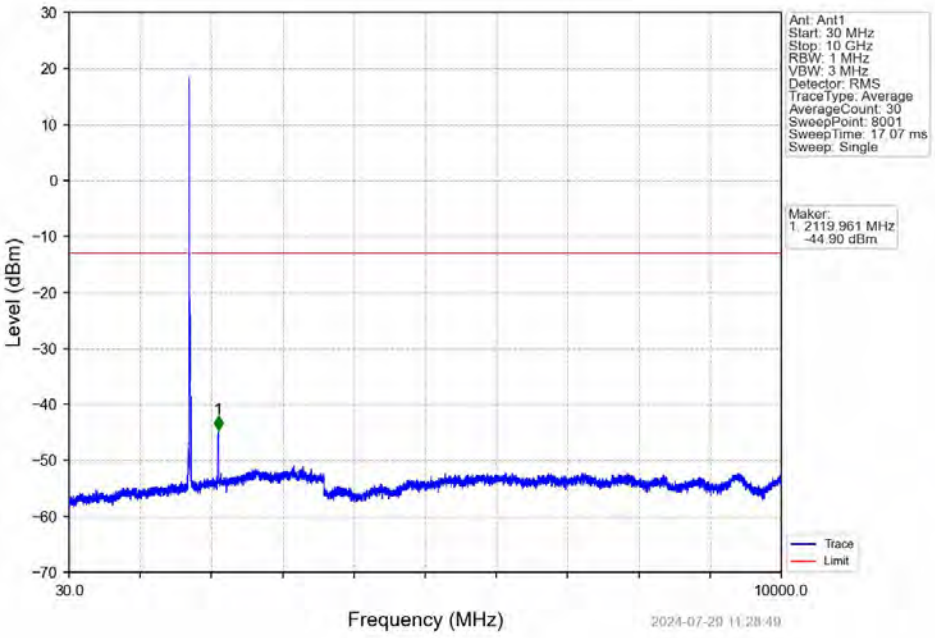
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.060	-31.69	-13	Pass
1756	1770	1	CHP	2	1756.020	-26.19	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

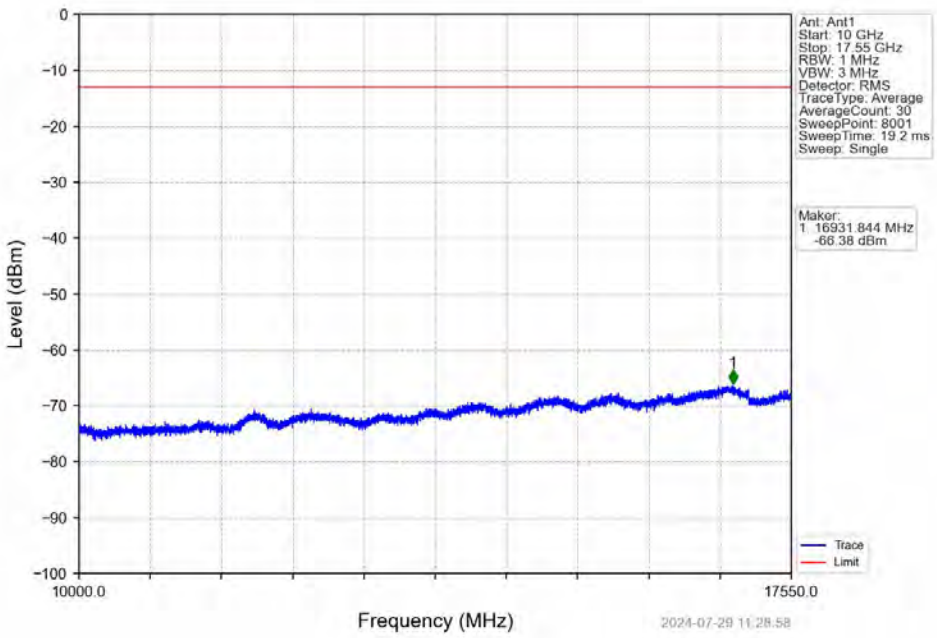


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.496	-42.62	-13	Pass
1709	1710	0.003	/	2	1709.996	-40.60	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

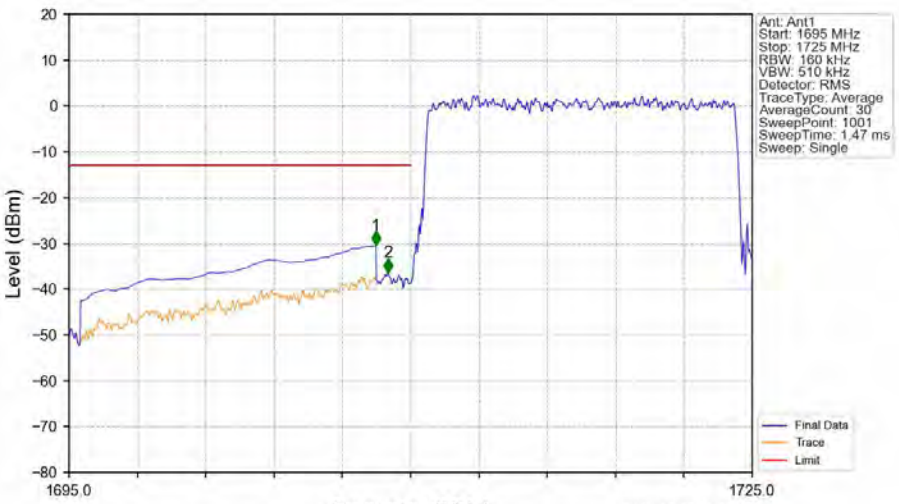
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

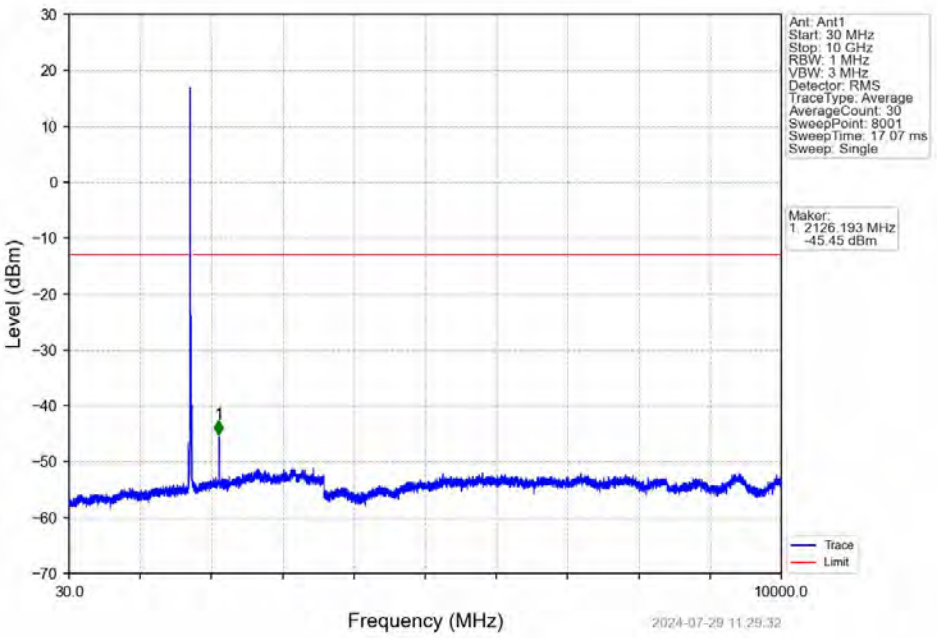


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

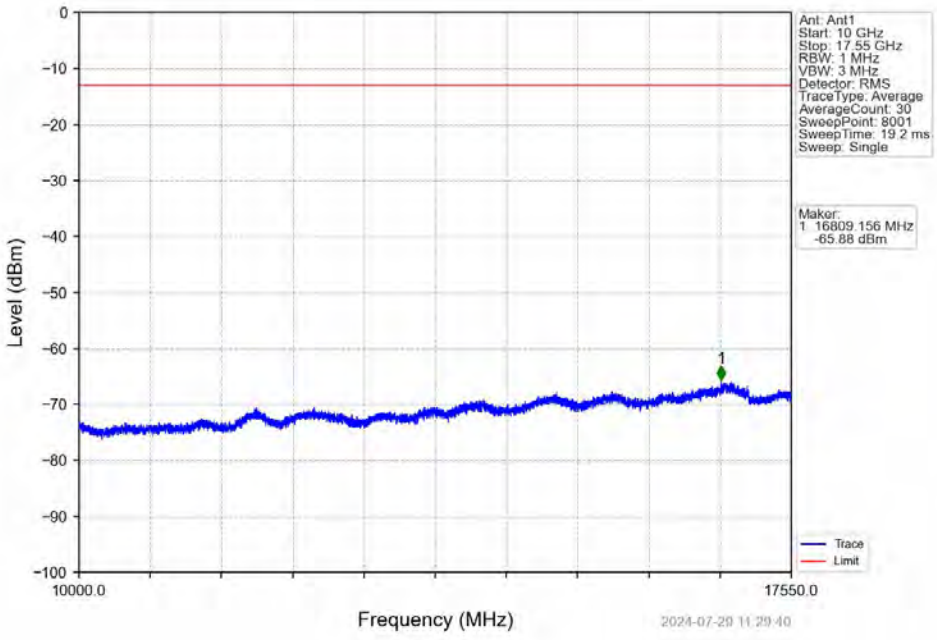


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-30.52	-13	Pass
1709	1710	0.16	/	2	1709.010	-36.37	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

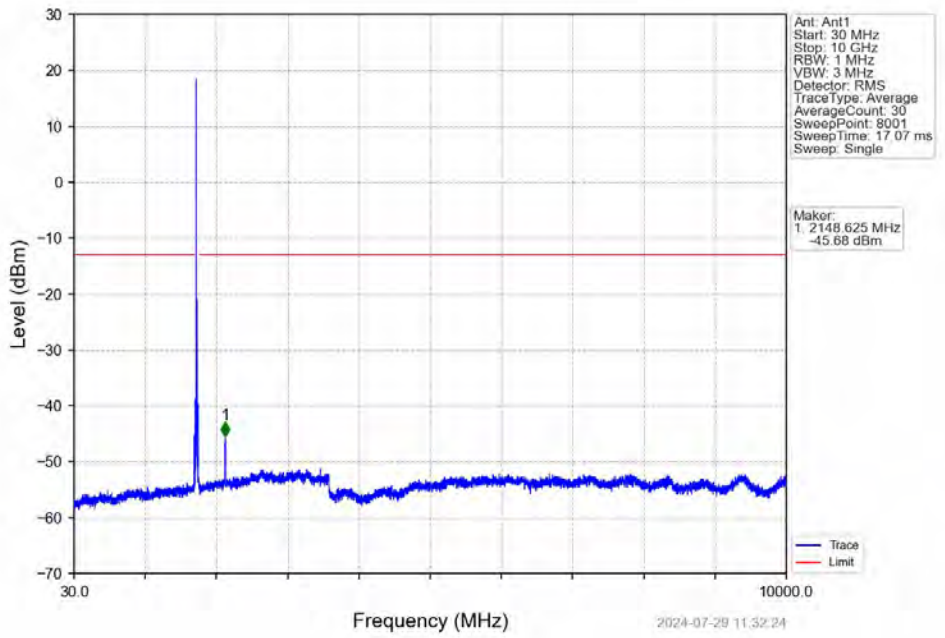
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



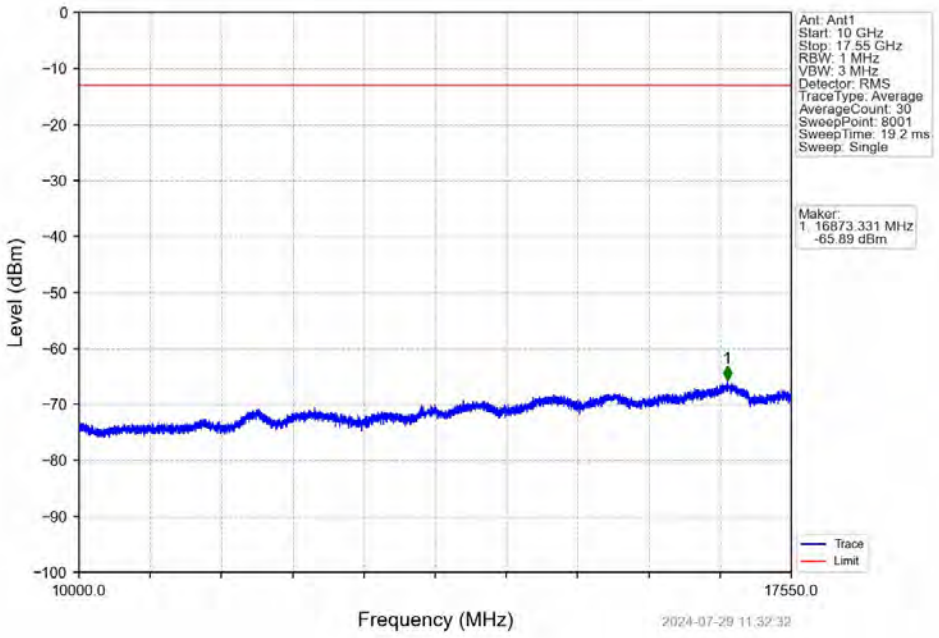
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



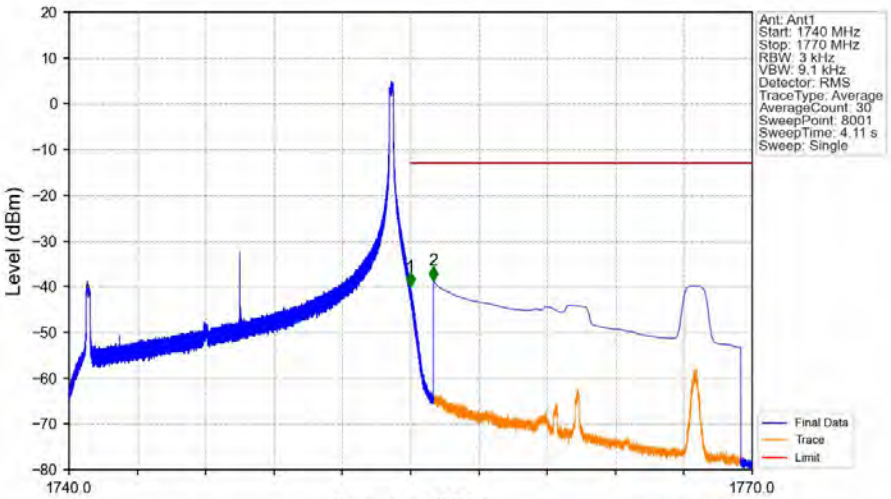
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

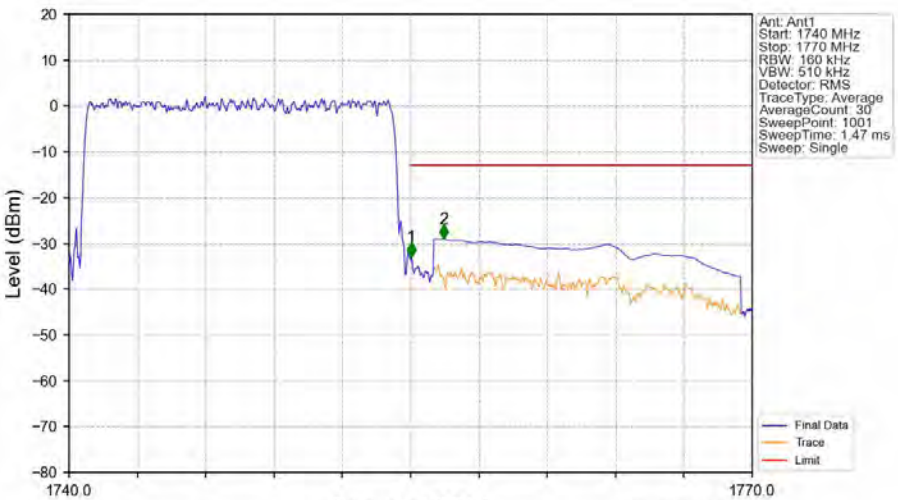


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.000	-40.02	-13	Pass
1756	1770	1	CHP	2	1756.001	-38.67	-13	Pass

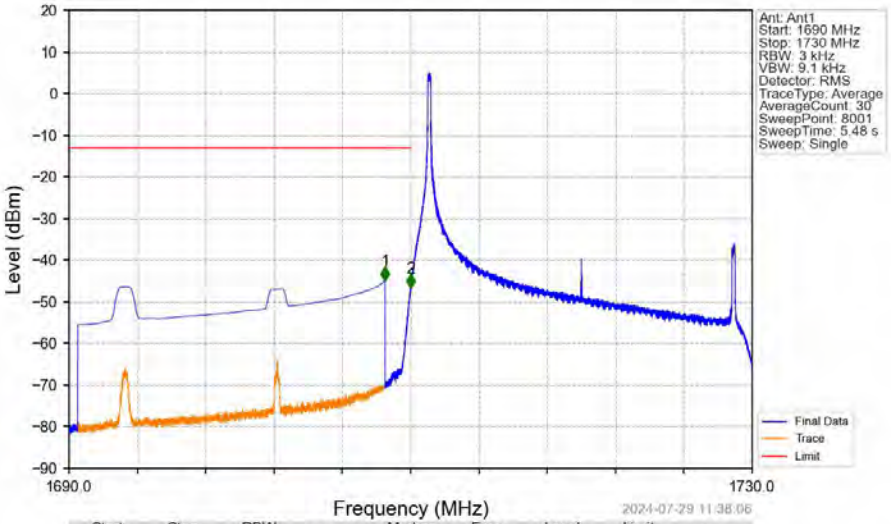
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.030	-32.99	-13	Pass
1756	1770	1	CHP	2	1756.470	-29.03	-13	Pass

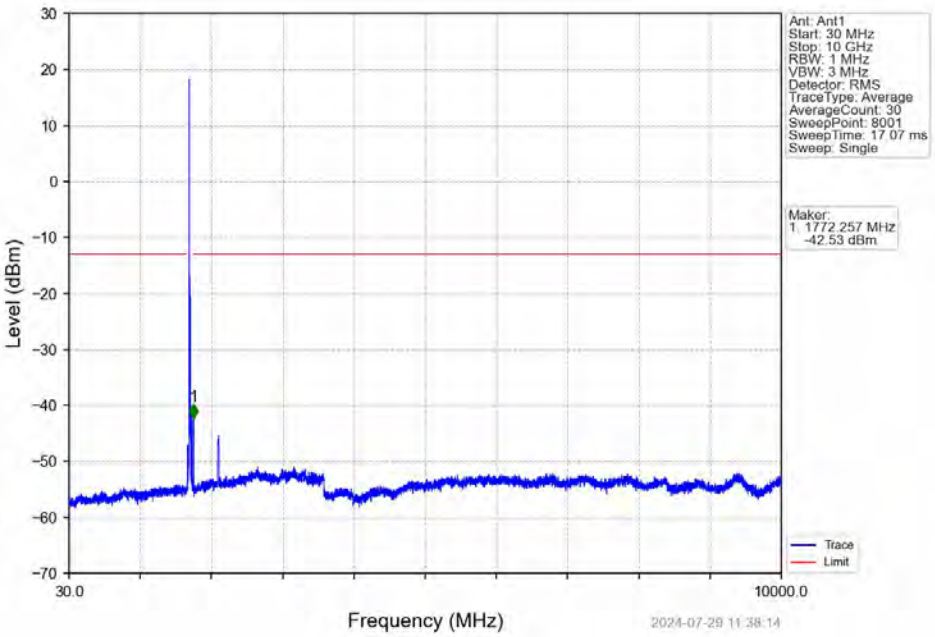
6.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

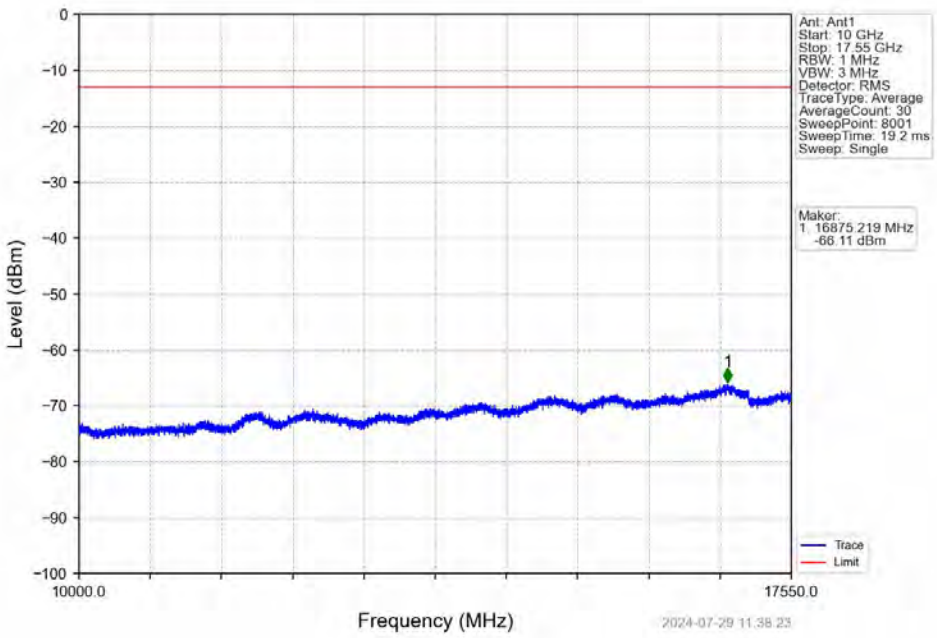


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.495	-44.97	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.73	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

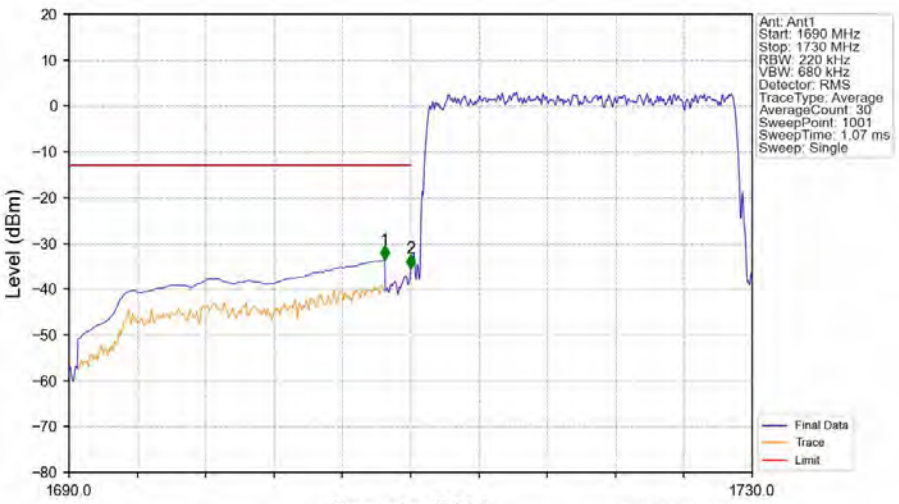
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

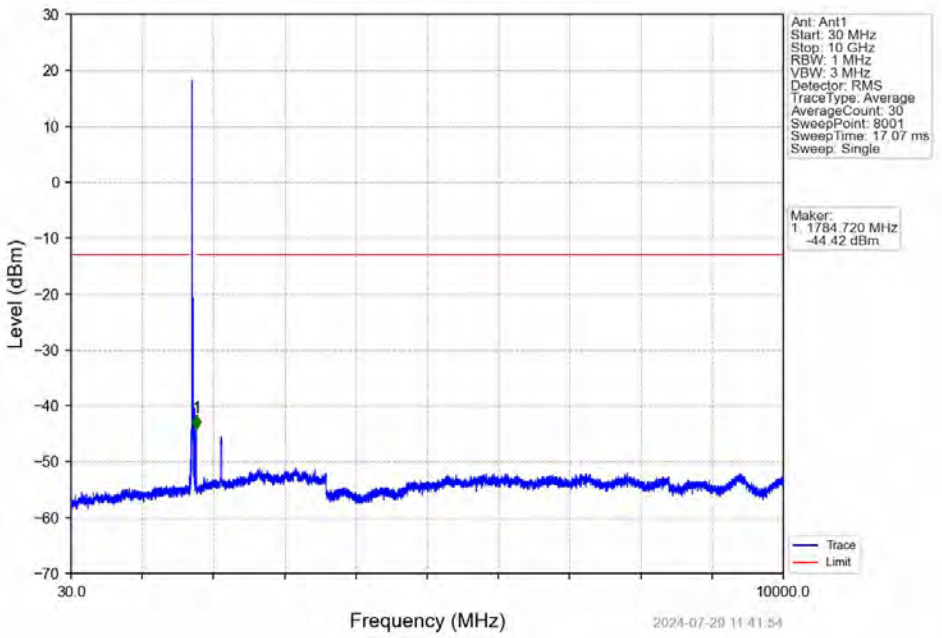


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

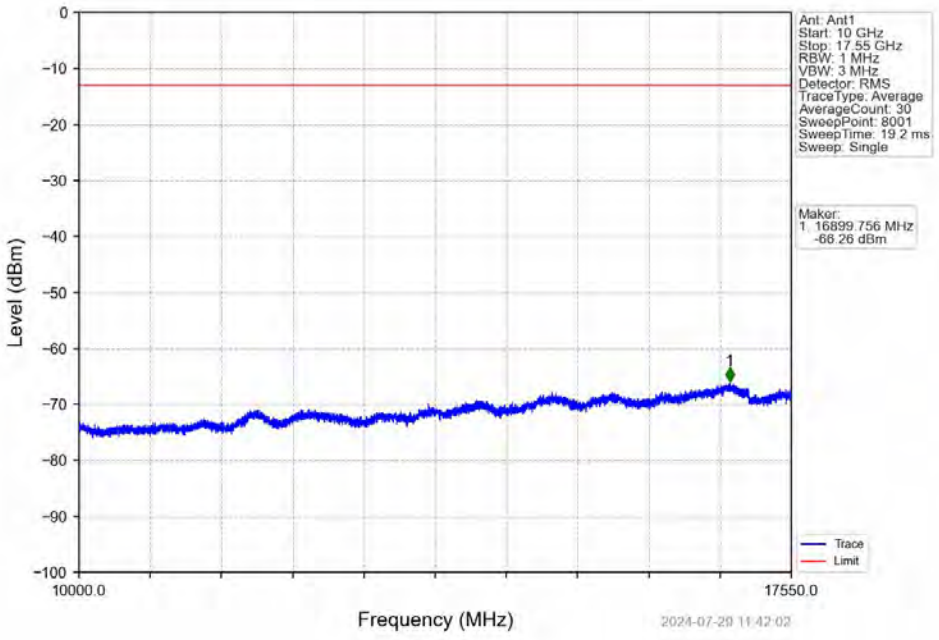


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-33.64	-13	Pass
1709	1710	0.22	/	2	1710.000	-35.50	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

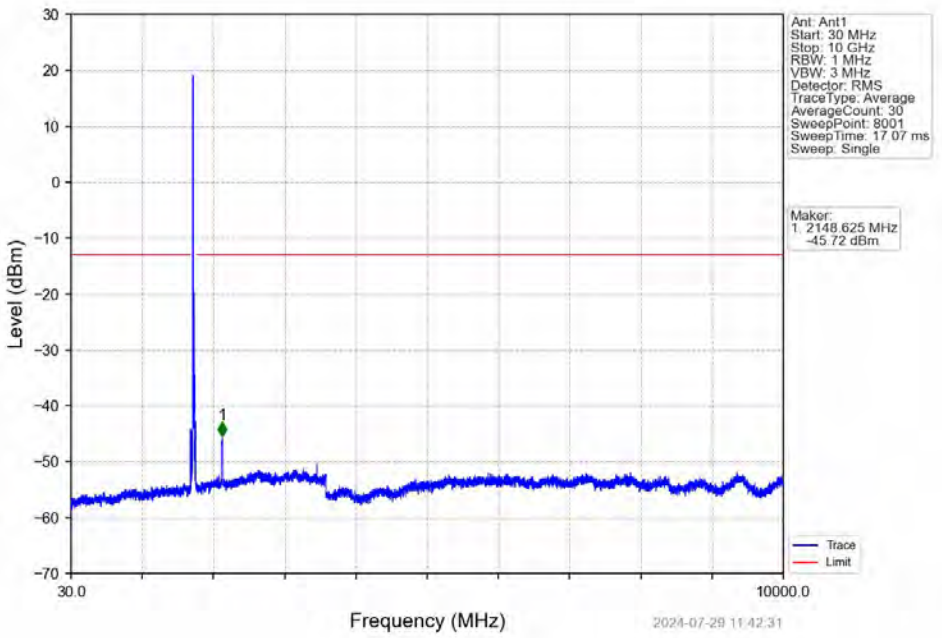
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



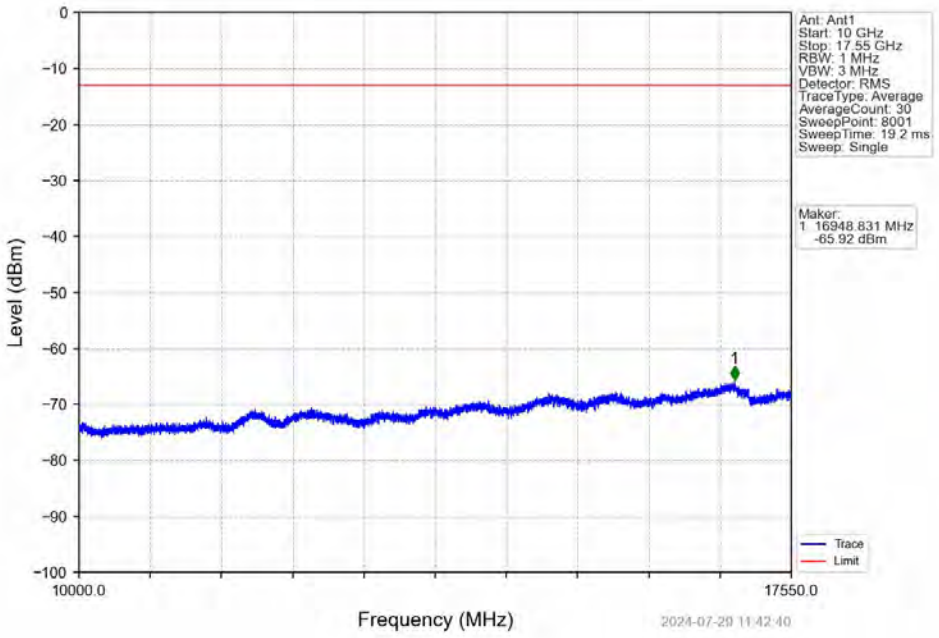
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



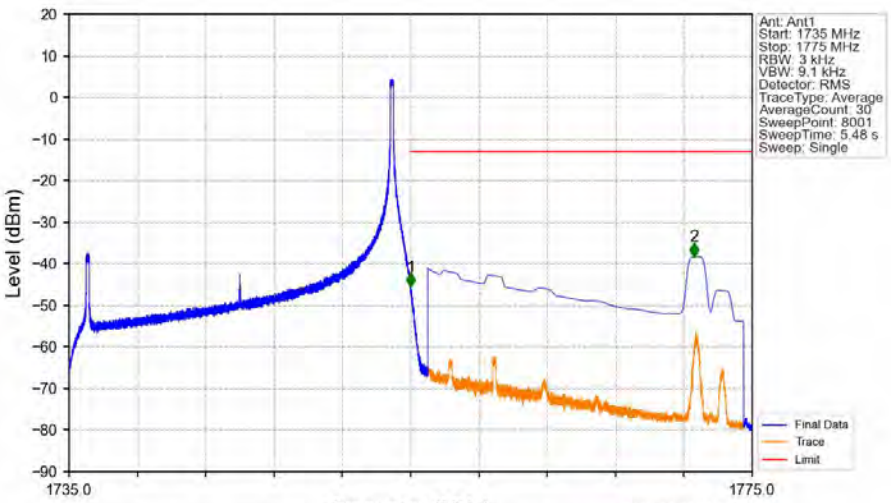
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

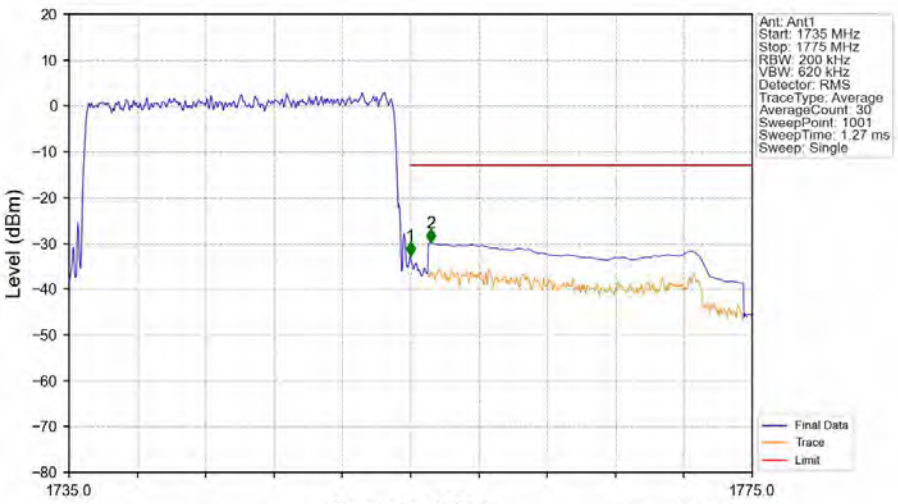


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



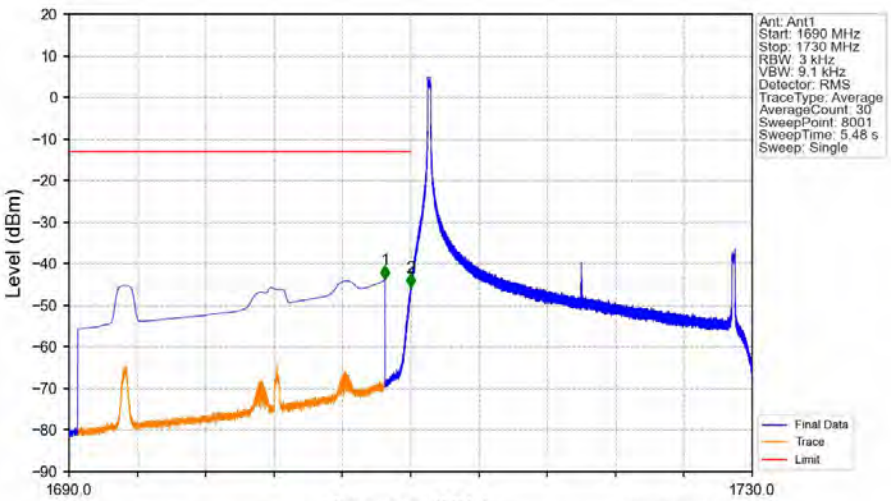
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-45.65	-13	Pass
1756	1775	1	CHP	2	1771.600	-38.32	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



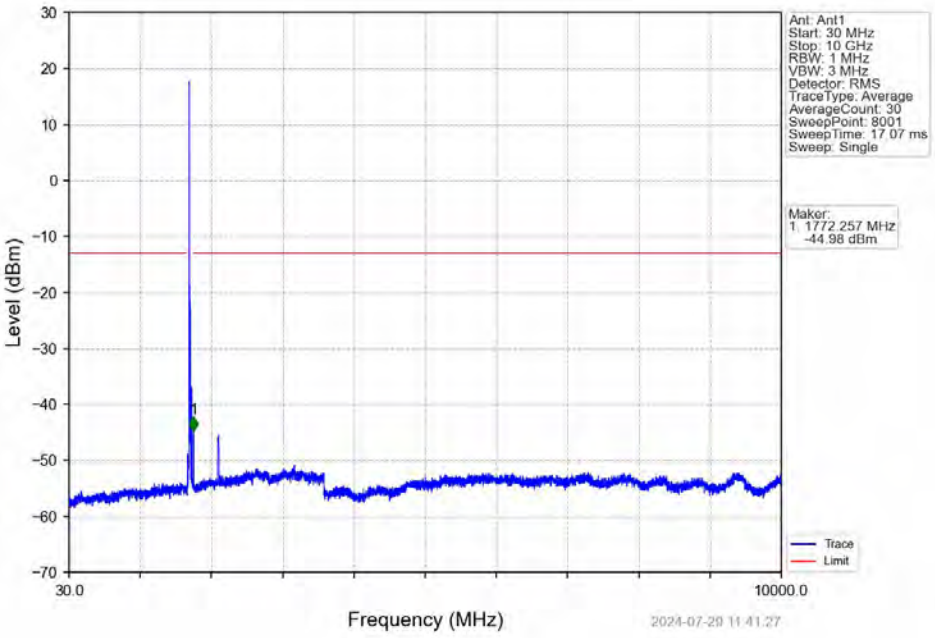
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.000	-32.70	-13	Pass
1756	1775	1	CHP	2	1756.200	-29.89	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

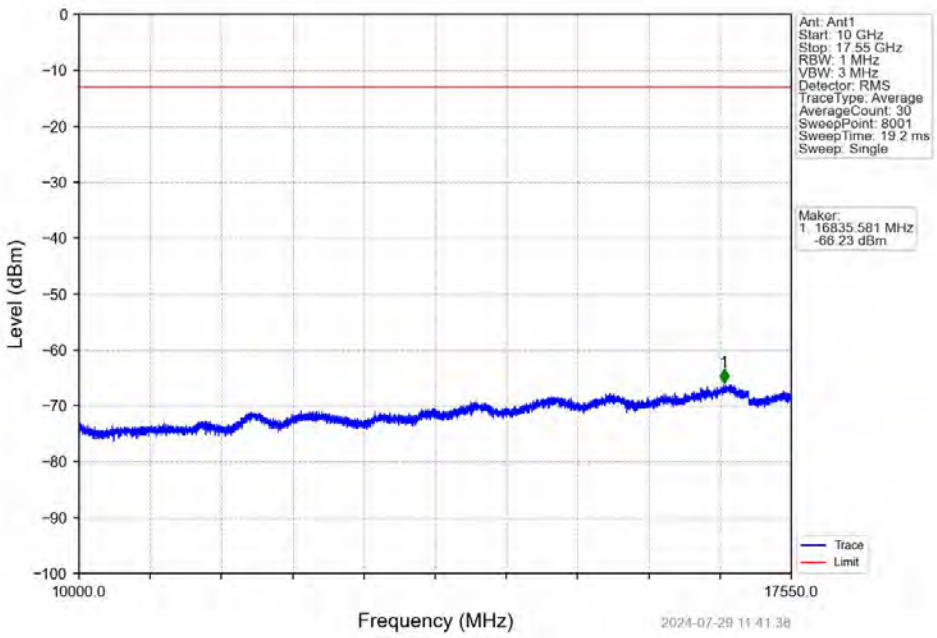


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.495	-43.90	-13	Pass
1709	1710	0.003	/	2	1709.995	-45.78	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

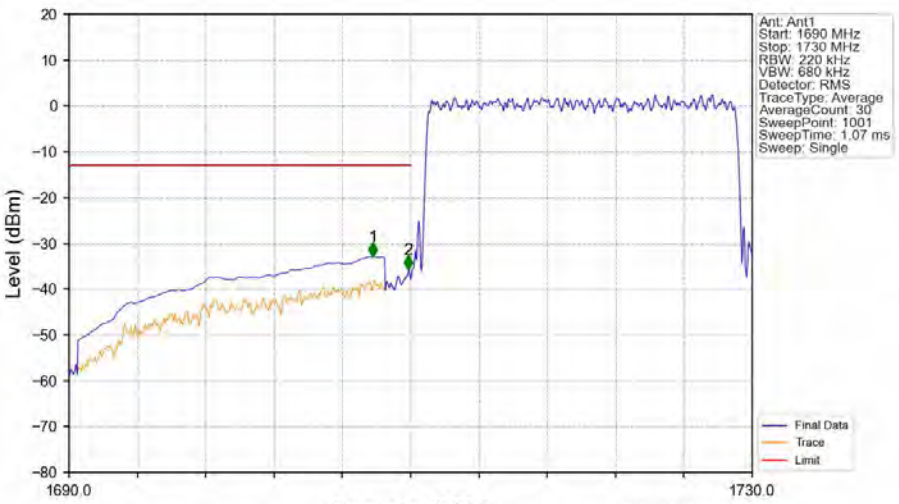
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

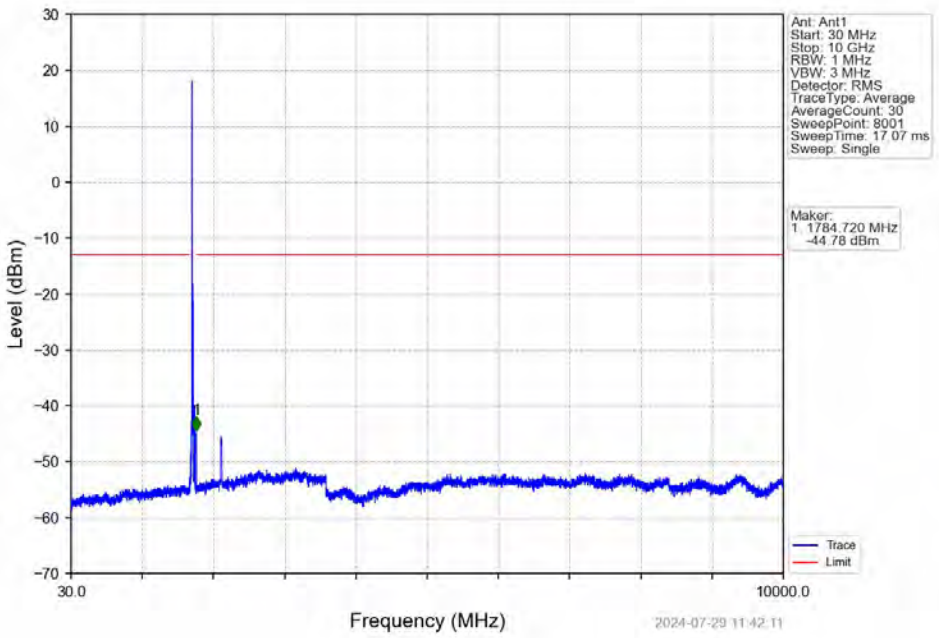


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

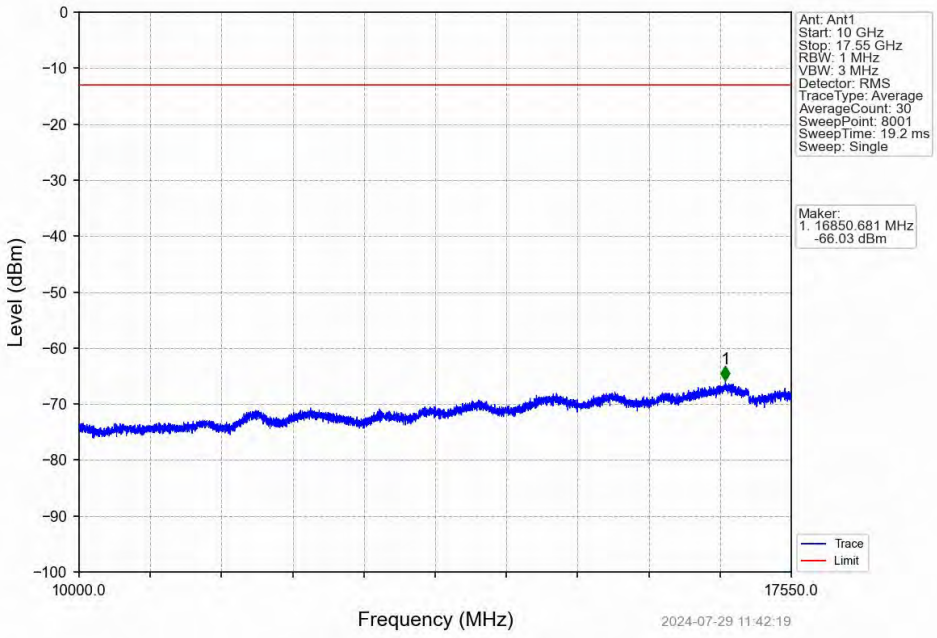


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.800	-32.92	-13	Pass
1709	1710	0.22	/	2	1709.880	-35.78	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

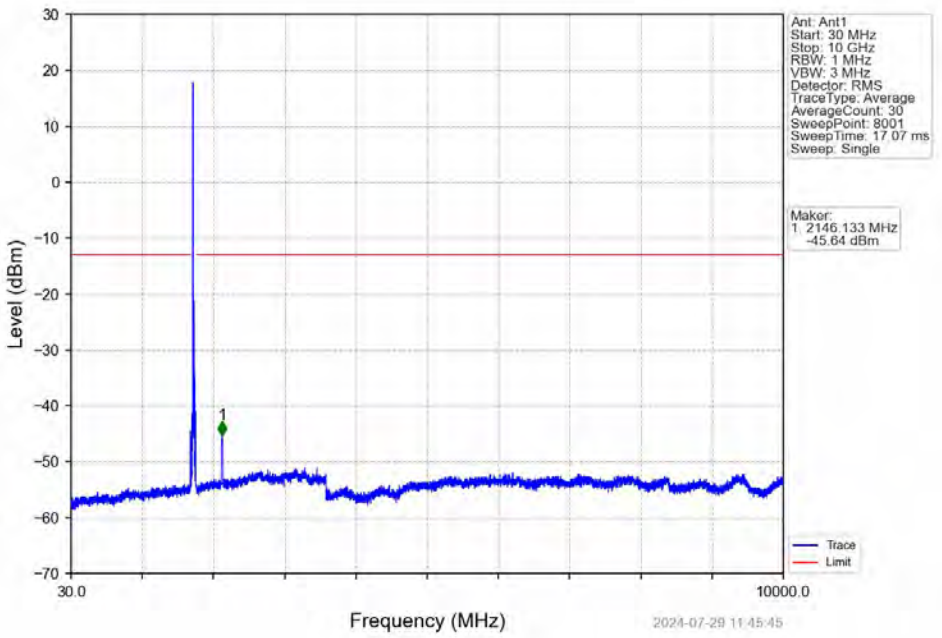
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



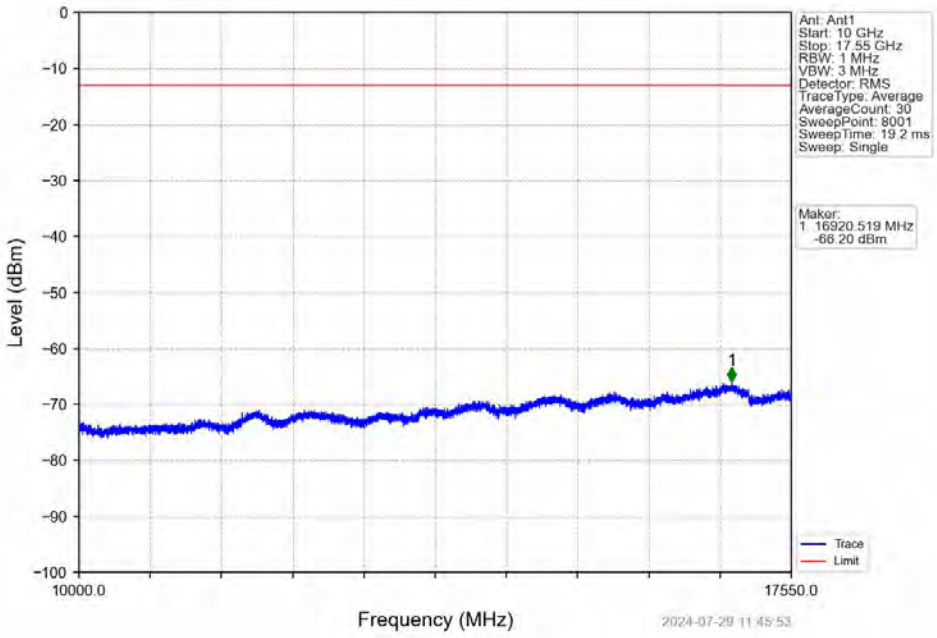
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



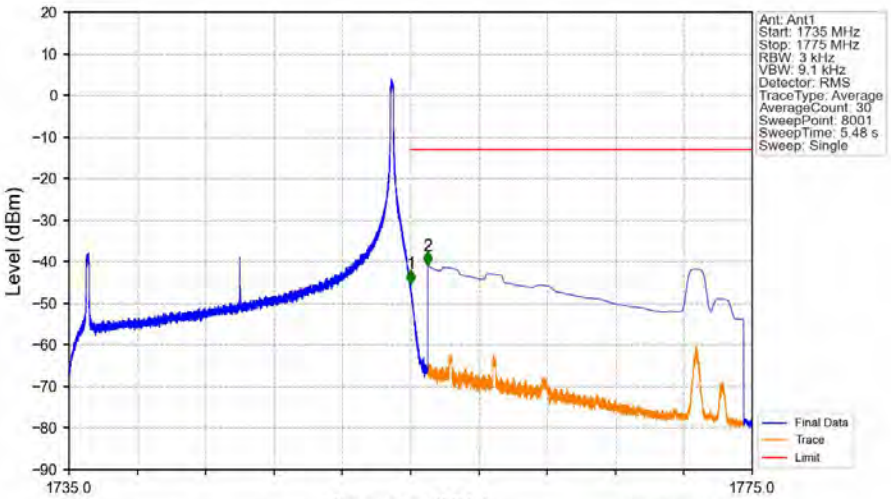
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

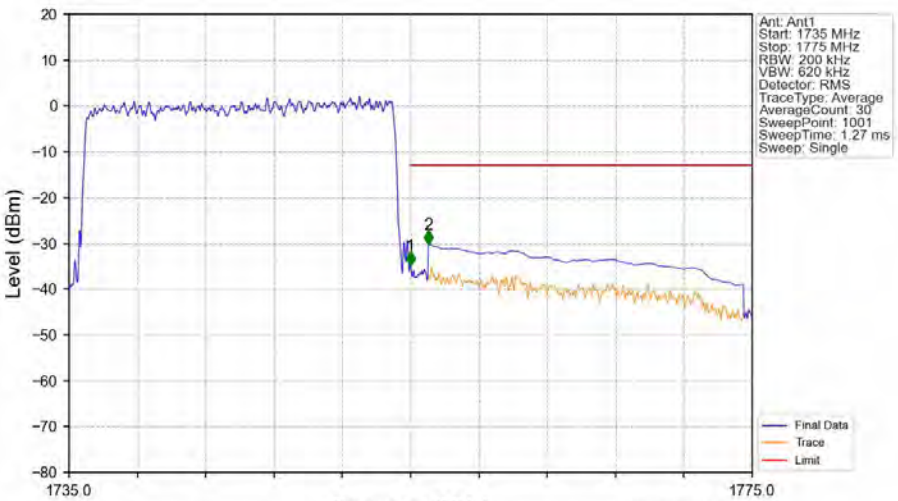


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-45.31	-13	Pass
1756	1775	1	CHP	2	1756.005	-40.88	-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	1755.000	-34.88	-13	Pass
1756	1775	1	CHP	2	1756.040	-30.22	-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	0.1393	0.0249	ppm	1M11G7D	27L	21.44
4	1.4	1710.7	1754.3	0.1312	0.0248	ppm	1M12W7D	27L	21.18
4	3	1711.5	1753.5	0.1371	0.0230	ppm	2M76G7D	27L	21.37
4	3	1711.5	1753.5	0.1449	0.0217	ppm	2M76W7D	27L	21.61
4	5	1712.5	1752.5	0.1384	0.0250	ppm	4M57G7D	27L	21.41
4	5	1712.5	1752.5	0.1242	0.0232	ppm	4M57W7D	27L	20.94
4	10	1715	1750	0.1396	0.0235	ppm	9M08G7D	27L	21.45
4	10	1715	1750	0.1318	0.0225	ppm	9M08W7D	27L	21.20
4	15	1717.5	1747.5	0.1393	0.0221	ppm	13M6G7D	27L	21.44
4	15	1717.5	1747.5	0.1303	0.0213	ppm	13M6W7D	27L	21.15
4	20	1720	1745	0.1449	0.0218	ppm	18M2G7D	27L	21.61
4	20	1720	1745	0.1469	0.0213	ppm	18M2W7D	27L	21.67

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	0.1614	0.0249	ppm	1M11G7D	27L	22.08
4	1.4	1710.7	1754.3	0.1521	0.0248	ppm	1M12W7D	27L	21.82
4	3	1711.5	1753.5	0.1589	0.0230	ppm	2M76G7D	27L	22.01
4	3	1711.5	1753.5	0.1679	0.0217	ppm	2M76W7D	27L	22.25
4	5	1712.5	1752.5	0.1603	0.0250	ppm	4M57G7D	27L	22.05
4	5	1712.5	1752.5	0.1439	0.0232	ppm	4M57W7D	27L	21.58
4	10	1715	1750	0.1618	0.0235	ppm	9M08G7D	27L	22.09
4	10	1715	1750	0.1528	0.0225	ppm	9M08W7D	27L	21.84
4	15	1717.5	1747.5	0.1614	0.0221	ppm	13M6G7D	27L	22.08
4	15	1717.5	1747.5	0.1510	0.0213	ppm	13M6W7D	27L	21.79
4	20	1720	1745	0.1679	0.0218	ppm	18M2G7D	27L	22.25
4	20	1720	1745	0.1702	0.0213	ppm	18M2W7D	27L	22.31