

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	23.75	-2.80	20.95	<=30	Pass
			2	23.81	-2.80	21.01	<=30	Pass
			5	23.84	-2.80	21.04	<=30	Pass
		3	0	23.72	-2.80	20.92	<=30	Pass
			2	23.77	-2.80	20.97	<=30	Pass
			3	23.71	-2.80	20.91	<=30	Pass
		6	0	22.79	-2.80	19.99	<=30	Pass
	1732.5	1	0	23.65	-2.80	20.85	<=30	Pass
			2	23.86	-2.80	21.06	<=30	Pass
			5	23.87	-2.80	21.07	<=30	Pass
		3	0	23.78	-2.80	20.98	<=30	Pass
			2	23.82	-2.80	21.02	<=30	Pass
			3	23.76	-2.80	20.96	<=30	Pass
		6	0	22.77	-2.80	19.97	<=30	Pass
	1754.3	1	0	23.72	-2.80	20.92	<=30	Pass
			2	23.67	-2.80	20.87	<=30	Pass
			5	23.67	-2.80	20.87	<=30	Pass
		3	0	23.63	-2.80	20.83	<=30	Pass
			2	23.63	-2.80	20.83	<=30	Pass
			3	23.56	-2.80	20.76	<=30	Pass
		6	0	22.64	-2.80	19.84	<=30	Pass
16QAM	1710.7	1	0	21.77	-2.80	18.97	<=30	Pass
			2	21.75	-2.80	18.95	<=30	Pass
			5	21.80	-2.80	19.00	<=30	Pass
		3	0	22.71	-2.80	19.91	<=30	Pass
			2	22.64	-2.80	19.84	<=30	Pass
			3	22.68	-2.80	19.88	<=30	Pass
		6	0	21.87	-2.80	19.07	<=30	Pass
	1732.5	1	0	22.46	-2.80	19.66	<=30	Pass
			2	22.45	-2.80	19.65	<=30	Pass
			5	22.49	-2.80	19.69	<=30	Pass
		3	0	22.93	-2.80	20.13	<=30	Pass
			2	23.01	-2.80	20.21	<=30	Pass
	6	3	22.96	-2.80	20.16	<=30	Pass	
	1754.3	1	0	22.01	-2.80	19.21	<=30	Pass
			0	21.82	-2.80	19.02	<=30	Pass
			2	21.80	-2.80	19.00	<=30	Pass
		3	5	21.85	-2.80	19.05	<=30	Pass
			0	22.40	-2.80	19.60	<=30	Pass
2			22.35	-2.80	19.55	<=30	Pass	
3		3	22.38	-2.80	19.58	<=30	Pass	
6	0	21.77	-2.80	18.97	<=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	23.78	-2.80	20.98	<=30	Pass
			7	23.80	-2.80	21.00	<=30	Pass
			14	23.71	-2.80	20.91	<=30	Pass
		8	0	22.66	-2.80	19.86	<=30	Pass
			4	22.70	-2.80	19.90	<=30	Pass
			7	22.79	-2.80	19.99	<=30	Pass
		15	0	22.77	-2.80	19.97	<=30	Pass
	1732.5	1	0	23.58	-2.80	20.78	<=30	Pass
			7	23.63	-2.80	20.83	<=30	Pass
			14	23.65	-2.80	20.85	<=30	Pass
		8	0	22.66	-2.80	19.86	<=30	Pass
			4	22.72	-2.80	19.92	<=30	Pass
			7	22.68	-2.80	19.88	<=30	Pass
		15	0	22.69	-2.80	19.89	<=30	Pass
	1753.5	1	0	23.46	-2.80	20.66	<=30	Pass
			7	23.43	-2.80	20.63	<=30	Pass
			14	23.47	-2.80	20.67	<=30	Pass
		8	0	22.50	-2.80	19.70	<=30	Pass
			4	22.50	-2.80	19.70	<=30	Pass
			7	22.63	-2.80	19.83	<=30	Pass
		15	0	22.59	-2.80	19.79	<=30	Pass
16QAM	1711.5	1	0	22.05	-2.80	19.25	<=30	Pass
			7	22.14	-2.80	19.34	<=30	Pass
			14	22.11	-2.80	19.31	<=30	Pass
		8	0	21.98	-2.80	19.18	<=30	Pass
			4	22.04	-2.80	19.24	<=30	Pass
			7	22.10	-2.80	19.30	<=30	Pass
		15	0	21.87	-2.80	19.07	<=30	Pass
	1732.5	1	0	23.03	-2.80	20.23	<=30	Pass
			7	22.99	-2.80	20.19	<=30	Pass
			14	23.01	-2.80	20.21	<=30	Pass
		8	0	21.85	-2.80	19.05	<=30	Pass
			4	21.85	-2.80	19.05	<=30	Pass
			7	21.81	-2.80	19.01	<=30	Pass
		15	0	21.79	-2.80	18.99	<=30	Pass
	1753.5	1	0	22.19	-2.80	19.39	<=30	Pass
			7	22.18	-2.80	19.38	<=30	Pass
			14	22.17	-2.80	19.37	<=30	Pass
		8	0	21.85	-2.80	19.05	<=30	Pass
			4	21.85	-2.80	19.05	<=30	Pass
			7	21.80	-2.80	19.00	<=30	Pass
		15	0	21.64	-2.80	18.84	<=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	23.59	-2.80	20.79	<=30	Pass
			13	23.61	-2.80	20.81	<=30	Pass
			24	23.56	-2.80	20.76	<=30	Pass
		12	0	22.73	-2.80	19.93	<=30	Pass
			6	22.68	-2.80	19.88	<=30	Pass
			13	22.73	-2.80	19.93	<=30	Pass

16QAM	1732.5	25	0	22.75	-2.80	19.95	<=30	Pass
		1	0	23.72	-2.80	20.92	<=30	Pass
			13	23.67	-2.80	20.87	<=30	Pass
			24	23.71	-2.80	20.91	<=30	Pass
			0	22.74	-2.80	19.94	<=30	Pass
		12	6	22.64	-2.80	19.84	<=30	Pass
			13	22.62	-2.80	19.82	<=30	Pass
			25	0	22.61	-2.80	19.81	<=30
	1752.5	1	0	23.57	-2.80	20.77	<=30	Pass
			13	23.53	-2.80	20.73	<=30	Pass
			24	23.47	-2.80	20.67	<=30	Pass
		12	0	22.58	-2.80	19.78	<=30	Pass
			6	22.57	-2.80	19.77	<=30	Pass
			13	22.56	-2.80	19.76	<=30	Pass
		25	0	22.43	-2.80	19.63	<=30	Pass
		1712.5	1	0	22.36	-2.80	19.56	<=30
13	22.34			-2.80	19.54	<=30	Pass	
24	22.35			-2.80	19.55	<=30	Pass	
12	0			21.80	-2.80	19.00	<=30	Pass
	6			21.84	-2.80	19.04	<=30	Pass
	13			21.86	-2.80	19.06	<=30	Pass
25	0		21.95	-2.80	19.15	<=30	Pass	
1732.5	1		0	22.35	-2.80	19.55	<=30	Pass
			13	22.37	-2.80	19.57	<=30	Pass
			24	22.34	-2.80	19.54	<=30	Pass
	12		0	21.73	-2.80	18.93	<=30	Pass
			6	21.79	-2.80	18.99	<=30	Pass
			13	21.78	-2.80	18.98	<=30	Pass
25	0		21.72	-2.80	18.92	<=30	Pass	
1752.5	1		0	21.17	-2.80	18.37	<=30	Pass
			13	21.17	-2.80	18.37	<=30	Pass
			24	21.25	-2.80	18.45	<=30	Pass
	12		0	21.58	-2.80	18.78	<=30	Pass
			6	21.62	-2.80	18.82	<=30	Pass
			13	21.57	-2.80	18.77	<=30	Pass
25	0	21.66	-2.80	18.86	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.72	-2.80	20.92	<=30	Pass
			25	23.70	-2.80	20.90	<=30	Pass
			49	23.73	-2.80	20.93	<=30	Pass
		25	0	22.77	-2.80	19.97	<=30	Pass
			13	22.74	-2.80	19.94	<=30	Pass
			25	22.65	-2.80	19.85	<=30	Pass
		50	0	22.79	-2.80	19.99	<=30	Pass
	1732.5	1	0	23.75	-2.80	20.95	<=30	Pass
			25	23.77	-2.80	20.97	<=30	Pass
			49	23.73	-2.80	20.93	<=30	Pass
		25	0	22.57	-2.80	19.77	<=30	Pass
			13	22.76	-2.80	19.96	<=30	Pass
			25	22.60	-2.80	19.80	<=30	Pass
		50	0	22.77	-2.80	19.97	<=30	Pass

16QAM	1750	1	0	23.59	-2.80	20.79	<=30	Pass
			25	23.61	-2.80	20.81	<=30	Pass
			49	23.53	-2.80	20.73	<=30	Pass
		25	0	22.59	-2.80	19.79	<=30	Pass
			13	22.58	-2.80	19.78	<=30	Pass
			25	22.49	-2.80	19.69	<=30	Pass
		50	0	22.60	-2.80	19.80	<=30	Pass
	1715	1	0	21.70	-2.80	18.90	<=30	Pass
			25	21.72	-2.80	18.92	<=30	Pass
			49	21.73	-2.80	18.93	<=30	Pass
		25	0	21.98	-2.80	19.18	<=30	Pass
			13	21.95	-2.80	19.15	<=30	Pass
			25	21.93	-2.80	19.13	<=30	Pass
		50	0	21.77	-2.80	18.97	<=30	Pass
	1732.5	1	0	22.38	-2.80	19.58	<=30	Pass
			25	22.41	-2.80	19.61	<=30	Pass
			49	22.38	-2.80	19.58	<=30	Pass
		25	0	21.93	-2.80	19.13	<=30	Pass
			13	21.92	-2.80	19.12	<=30	Pass
			25	21.82	-2.80	19.02	<=30	Pass
		50	0	21.79	-2.80	18.99	<=30	Pass
	1750	1	0	22.40	-2.80	19.60	<=30	Pass
			25	22.48	-2.80	19.68	<=30	Pass
			49	22.32	-2.80	19.52	<=30	Pass
		25	0	21.66	-2.80	18.86	<=30	Pass
			13	21.78	-2.80	18.98	<=30	Pass
			25	21.69	-2.80	18.89	<=30	Pass
		50	0	21.85	-2.80	19.05	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.58	-2.80	20.78	<=30	Pass
			38	23.56	-2.80	20.76	<=30	Pass
			74	23.53	-2.80	20.73	<=30	Pass
		36	0	22.73	-2.80	19.93	<=30	Pass
			18	22.64	-2.80	19.84	<=30	Pass
			39	22.65	-2.80	19.85	<=30	Pass
		75	0	22.61	-2.80	19.81	<=30	Pass
	1732.5	1	0	23.77	-2.80	20.97	<=30	Pass
			38	23.79	-2.80	20.99	<=30	Pass
			74	23.75	-2.80	20.95	<=30	Pass
		36	0	22.63	-2.80	19.83	<=30	Pass
			18	22.72	-2.80	19.92	<=30	Pass
			39	22.62	-2.80	19.82	<=30	Pass
		75	0	22.73	-2.80	19.93	<=30	Pass
	1747.5	1	0	23.50	-2.80	20.70	<=30	Pass
			38	23.49	-2.80	20.69	<=30	Pass
			74	23.46	-2.80	20.66	<=30	Pass
		36	0	22.56	-2.80	19.76	<=30	Pass
			18	22.56	-2.80	19.76	<=30	Pass
			39	22.45	-2.80	19.65	<=30	Pass
		75	0	22.59	-2.80	19.79	<=30	Pass
16QAM	1717.5	1	0	22.45	-2.80	19.65	<=30	Pass

	1732.5	36	38	22.44	-2.80	19.64	<=30	Pass
			74	22.47	-2.80	19.67	<=30	Pass
			0	21.85	-2.80	19.05	<=30	Pass
			18	21.89	-2.80	19.09	<=30	Pass
			39	21.91	-2.80	19.11	<=30	Pass
			75	21.75	-2.80	18.95	<=30	Pass
		1	0	22.44	-2.80	19.64	<=30	Pass
			38	22.40	-2.80	19.60	<=30	Pass
			74	22.37	-2.80	19.57	<=30	Pass
			0	21.84	-2.80	19.04	<=30	Pass
			18	21.85	-2.80	19.05	<=30	Pass
			39	21.84	-2.80	19.04	<=30	Pass
	1747.5	75	0	21.87	-2.80	19.07	<=30	Pass
			0	22.37	-2.80	19.57	<=30	Pass
			38	22.31	-2.80	19.51	<=30	Pass
			74	22.25	-2.80	19.45	<=30	Pass
			0	21.70	-2.80	18.90	<=30	Pass
			18	21.73	-2.80	18.93	<=30	Pass
		36	39	21.61	-2.80	18.81	<=30	Pass
			0	21.75	-2.80	18.95	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.74	-2.80	20.94	<=30	Pass
			50	23.71	-2.80	20.91	<=30	Pass
			99	23.71	-2.80	20.91	<=30	Pass
		50	0	22.79	-2.80	19.99	<=30	Pass
			25	22.72	-2.80	19.92	<=30	Pass
			50	22.63	-2.80	19.83	<=30	Pass
		100	0	22.76	-2.80	19.96	<=30	Pass
			0	23.60	-2.80	20.80	<=30	Pass
			50	23.91	-2.80	21.11	<=30	Pass
		1	99	23.78	-2.80	20.98	<=30	Pass
			0	22.73	-2.80	19.93	<=30	Pass
			25	22.62	-2.80	19.82	<=30	Pass
	1732.5	50	50	22.74	-2.80	19.94	<=30	Pass
			0	22.77	-2.80	19.97	<=30	Pass
			0	23.90	-2.80	21.10	<=30	Pass
		1	50	23.90	-2.80	21.10	<=30	Pass
			99	23.84	-2.80	21.04	<=30	Pass
			0	22.48	-2.80	19.68	<=30	Pass
		50	25	22.49	-2.80	19.69	<=30	Pass
			50	22.71	-2.80	19.91	<=30	Pass
			0	22.59	-2.80	19.79	<=30	Pass
	1745	100	0	23.03	-2.80	20.23	<=30	Pass
			50	23.06	-2.80	20.26	<=30	Pass
			99	23.07	-2.80	20.27	<=30	Pass
16QAM	1720	1	0	21.80	-2.80	19.00	<=30	Pass
			25	21.83	-2.80	19.03	<=30	Pass
			50	21.81	-2.80	19.01	<=30	Pass
		50	0	21.89	-2.80	19.09	<=30	Pass
			0	22.35	-2.80	19.55	<=30	Pass
			50	22.34	-2.80	19.54	<=30	Pass

		50	99	22.27	-2.80	19.47	<=30	Pass
			0	21.79	-2.80	18.99	<=30	Pass
			25	21.72	-2.80	18.92	<=30	Pass
			50	21.73	-2.80	18.93	<=30	Pass
	1745	100	0	21.75	-2.80	18.95	<=30	Pass
			0	21.59	-2.80	18.79	<=30	Pass
		1	50	21.49	-2.80	18.69	<=30	Pass
			99	21.43	-2.80	18.63	<=30	Pass
			0	21.75	-2.80	18.95	<=30	Pass
		50	25	21.72	-2.80	18.92	<=30	Pass
			50	21.86	-2.80	19.06	<=30	Pass
			100	21.63	-2.80	18.83	<=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	1.230	0.0007	-2.5 to 2.5	Pass
					3.85	1.745	0.0010	-2.5 to 2.5	Pass
					4.43	-21.744	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-17.424	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-19.298	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-18.582	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-21.987	-0.0129	-2.5 to 2.5	Pass
				30	3.85	-21.086	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-15.492	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-43.259	-0.0253	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	22.931	0.0132	-2.5 to 2.5	Pass
					3.85	12.546	0.0072	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-22.645	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-23.074	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-39.711	-0.0229	-2.5 to 2.5	Pass
				10	3.85	-18.268	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-35.276	-0.0204	-2.5 to 2.5	Pass
				40	3.85	-13.189	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-28.911	-0.0167	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	32.244	0.0184	-2.5 to 2.5	Pass
					3.85	30.842	0.0176	-2.5 to 2.5	Pass
					4.43	8.354	0.0048	-2.5 to 2.5	Pass
				-30	3.85	-18.697	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-25.635	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-14.148	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-37.766	-0.0215	-2.5 to 2.5	Pass
				30	3.85	-18.311	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-32.201	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-45.004	-0.0257	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-25.163	-0.0147	-2.5 to 2.5	Pass
					3.85	-40.140	-0.0235	-2.5 to 2.5	Pass
					4.43	-11.458	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-20.928	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-31.199	-0.0182	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-20.070	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-32.773	-0.0192	-2.5 to 2.5	Pass
				30	3.85	-8.340	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-21.243	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-38.424	-0.0225	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-5.965	-0.0034	-2.5 to 2.5	Pass
					3.85	-9.227	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.782	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-12.531	-0.0072	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-7.110	-0.0041	-2.5 to 2.5	Pass
					3.85	-9.184	-0.0052	-2.5 to 2.5	Pass
					4.43	-4.992	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.904	0.0017	-2.5 to 2.5	Pass
				-10	3.85	7.138	0.0041	-2.5 to 2.5	Pass
				0	3.85	6.452	0.0037	-2.5 to 2.5	Pass
				10	3.85	8.354	0.0048	-2.5 to 2.5	Pass
				30	3.85	7.896	0.0045	-2.5 to 2.5	Pass
				40	3.85	8.769	0.0050	-2.5 to 2.5	Pass
				50	3.85	8.626	0.0049	-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	-33.031	-0.0193	-2.5 to 2.5	Pass
					3.85	-21.601	-0.0126	-2.5 to 2.5	Pass
					4.43	-32.687	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-30.785	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-37.951	-0.0222	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-33.603	-0.0196	-2.5 to 2.5	Pass
				30	3.85	-25.020	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-21.644	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-38.166	-0.0223	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	2.775	0.0016	-2.5 to 2.5	Pass
					3.85	13.318	0.0077	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-25.992	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-9.398	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-29.626	-0.0171	-2.5 to 2.5	Pass
				0	3.85	2.360	0.0014	-2.5 to 2.5	Pass

16QAM				10	3.85	-14.391	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-30.084	-0.0174	-2.5 to 2.5	Pass
				40	3.85	-7.610	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-33.417	-0.0193	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	31.157	0.0178	-2.5 to 2.5	Pass
					3.85	0.057	0.0000	-2.5 to 2.5	Pass
					4.43	-13.518	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-28.596	-0.0163	-2.5 to 2.5	Pass
				-20	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-17.738	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-29.955	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-39.225	-0.0224	-2.5 to 2.5	Pass
				30	3.85	13.547	0.0077	-2.5 to 2.5	Pass
				40	3.85	6.666	0.0038	-2.5 to 2.5	Pass
				50	3.85	1.574	0.0009	-2.5 to 2.5	Pass
	1711.5	15	0	20	3.27	-21.343	-0.0125	-2.5 to 2.5	Pass
					3.85	-22.645	-0.0132	-2.5 to 2.5	Pass
					4.43	-4.191	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-18.468	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-33.760	-0.0197	-2.5 to 2.5	Pass
				-10	3.85	3.819	0.0022	-2.5 to 2.5	Pass
				0	3.85	-9.398	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-21.329	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-33.174	-0.0194	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-20.971	-0.0123	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-12.231	-0.0071	-2.5 to 2.5	Pass
					3.85	-22.516	-0.0130	-2.5 to 2.5	Pass
					4.43	-27.866	-0.0161	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-11.301	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-16.694	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-14.548	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
				30	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				40	3.85	15.335	0.0089	-2.5 to 2.5	Pass
				50	3.85	21.787	0.0126	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-6.008	-0.0034	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
					4.43	5.193	0.0030	-2.5 to 2.5	Pass
				-30	3.85	10.428	0.0059	-2.5 to 2.5	Pass
				-20	3.85	16.637	0.0095	-2.5 to 2.5	Pass
				-10	3.85	23.174	0.0132	-2.5 to 2.5	Pass
				0	3.85	29.140	0.0166	-2.5 to 2.5	Pass
				10	3.85	32.945	0.0188	-2.5 to 2.5	Pass
				30	3.85	37.007	0.0211	-2.5 to 2.5	Pass
				40	3.85	42.987	0.0245	-2.5 to 2.5	Pass
				50	3.85	13.733	0.0078	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-16.594	-0.0097	-2.5 to 2.5	Pass
					3.85	-23.046	-0.0135	-2.5 to 2.5	Pass
					4.43	-8.726	-0.0051	-2.5 to 2.5	Pass

				-30	3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-31.958	-0.0187	-2.5 to 2.5	Pass
				-10	3.85	-26.636	-0.0156	-2.5 to 2.5	Pass
				0	3.85	-25.191	-0.0147	-2.5 to 2.5	Pass
				10	3.85	-24.362	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-19.712	-0.0115	-2.5 to 2.5	Pass
				40	3.85	-29.626	-0.0173	-2.5 to 2.5	Pass
				50	3.85	-24.934	-0.0146	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	31.872	0.0184	-2.5 to 2.5	Pass
					3.85	-9.556	-0.0055	-2.5 to 2.5	Pass
					4.43	-30.141	-0.0174	-2.5 to 2.5	Pass
				-30	3.85	-8.898	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-27.294	-0.0158	-2.5 to 2.5	Pass
				-10	3.85	-35.863	-0.0207	-2.5 to 2.5	Pass
				0	3.85	-9.971	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-15.149	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-20.242	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-24.848	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	28.954	0.0165	-2.5 to 2.5	Pass
					3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
					4.43	-18.954	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-27.380	-0.0156	-2.5 to 2.5	Pass
				-20	3.85	11.673	0.0067	-2.5 to 2.5	Pass
				-10	3.85	1.960	0.0011	-2.5 to 2.5	Pass
				0	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-12.631	-0.0072	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-28.238	-0.0165	-2.5 to 2.5	Pass
					3.85	-13.747	-0.0080	-2.5 to 2.5	Pass
					4.43	-28.853	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-39.968	-0.0233	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-16.508	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-28.124	-0.0164	-2.5 to 2.5	Pass
				10	3.85	11.687	0.0068	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-10.357	-0.0060	-2.5 to 2.5	Pass
					3.85	-17.381	-0.0100	-2.5 to 2.5	Pass
					4.43	-23.303	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-38.781	-0.0224	-2.5 to 2.5	Pass
				-20	3.85	-43.616	-0.0252	-2.5 to 2.5	Pass
				-10	3.85	-34.347	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-22.345	-0.0129	-2.5 to 2.5	Pass
				10	3.85	-10.629	-0.0061	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-43.244	-0.0247	-2.5 to 2.5	Pass
					3.85	-45.276	-0.0258	-2.5 to 2.5	Pass
					4.43	-39.053	-0.0223	-2.5 to 2.5	Pass
				-30	3.85	-30.456	-0.0174	-2.5 to 2.5	Pass
				-20	3.85	-21.772	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-15.378	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-10.099	-0.0058	-2.5 to 2.5	Pass

				10	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				40	3.85	7.739	0.0044	-2.5 to 2.5	Pass
				50	3.85	11.358	0.0065	-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	-6.452	-0.0038	-2.5 to 2.5	Pass
					3.85	-17.610	-0.0103	-2.5 to 2.5	Pass
					4.43	-28.811	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-17.424	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-12.975	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-30.241	-0.0176	-2.5 to 2.5	Pass
				10	3.85	-23.403	-0.0136	-2.5 to 2.5	Pass
				30	3.85	-23.932	-0.0140	-2.5 to 2.5	Pass
				40	3.85	-34.132	-0.0199	-2.5 to 2.5	Pass
				50	3.85	-36.707	-0.0214	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	1.760	0.0010	-2.5 to 2.5	Pass
					3.85	11.759	0.0068	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-25.406	-0.0147	-2.5 to 2.5	Pass
				-20	3.85	-9.556	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-25.878	-0.0149	-2.5 to 2.5	Pass
				0	3.85	-38.095	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-12.274	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-22.831	-0.0132	-2.5 to 2.5	Pass
				40	3.85	-34.347	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-7.639	-0.0044	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	33.374	0.0191	-2.5 to 2.5	Pass
					3.85	35.319	0.0202	-2.5 to 2.5	Pass
					4.43	19.212	0.0110	-2.5 to 2.5	Pass
				-30	3.85	2.489	0.0014	-2.5 to 2.5	Pass
				-20	3.85	-8.798	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-20.585	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-28.424	-0.0162	-2.5 to 2.5	Pass
				10	3.85	7.868	0.0045	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-12.832	-0.0073	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	8.497	0.0050	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0051	-2.5 to 2.5	Pass
					4.43	-15.435	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-20.428	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-24.362	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-29.082	-0.0170	-2.5 to 2.5	Pass
				0	3.85	-35.734	-0.0208	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-9.556	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-14.362	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-18.954	-0.0111	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-17.452	-0.0101	-2.5 to 2.5	Pass
					3.85	-20.943	-0.0121	-2.5 to 2.5	Pass
					4.43	-14.606	-0.0084	-2.5 to 2.5	Pass

				-30	3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				10	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-10.328	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-18.840	-0.0108	-2.5 to 2.5	Pass
					3.85	-11.759	-0.0067	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-20	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				-10	3.85	13.490	0.0077	-2.5 to 2.5	Pass
				0	3.85	19.727	0.0113	-2.5 to 2.5	Pass
				10	3.85	25.120	0.0144	-2.5 to 2.5	Pass
				30	3.85	30.055	0.0172	-2.5 to 2.5	Pass
				40	3.85	32.587	0.0186	-2.5 to 2.5	Pass
				50	3.85	-13.804	-0.0079	-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	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.85	-33.531	-0.0195	-2.5 to 2.5	Pass
					4.43	-17.853	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-25.449	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-29.325	-0.0171	-2.5 to 2.5	Pass
				-10	3.85	-27.223	-0.0159	-2.5 to 2.5	Pass
				0	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-21.672	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-27.080	-0.0158	-2.5 to 2.5	Pass
				40	3.85	-24.147	-0.0141	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	10.014	0.0058	-2.5 to 2.5	Pass
					3.85	17.967	0.0104	-2.5 to 2.5	Pass
					4.43	6.609	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-20.199	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-31.157	-0.0180	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-9.298	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-15.993	-0.0092	-2.5 to 2.5	Pass
				40	3.85	-23.589	-0.0136	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	4.420	0.0025	-2.5 to 2.5	Pass
					3.85	6.723	0.0038	-2.5 to 2.5	Pass
					4.43	-8.512	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-22.502	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-31.729	-0.0182	-2.5 to 2.5	Pass
				-10	3.85	9.184	0.0053	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-9.327	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-12.846	-0.0074	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	-16.565	-0.0095	-2.5 to 2.5	Pass
				20	3.27	-38.781	-0.0226	-2.5 to 2.5	Pass
					3.85	-13.461	-0.0078	-2.5 to 2.5	Pass
					4.43	-15.864	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-15.006	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-15.421	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-15.135	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-15.650	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-16.408	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-16.823	-0.0098	-2.5 to 2.5	Pass
	1732.5	75	0	40	3.85	-18.611	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-20.328	-0.0118	-2.5 to 2.5	Pass
				20	3.27	-32.101	-0.0185	-2.5 to 2.5	Pass
					3.85	-26.822	-0.0155	-2.5 to 2.5	Pass
					4.43	-20.771	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	8.383	0.0048	-2.5 to 2.5	Pass
				0	3.85	16.565	0.0096	-2.5 to 2.5	Pass
				10	3.85	22.945	0.0132	-2.5 to 2.5	Pass
	1747.5	75	0	30	3.85	28.381	0.0164	-2.5 to 2.5	Pass
				40	3.85	31.843	0.0184	-2.5 to 2.5	Pass
				50	3.85	34.833	0.0201	-2.5 to 2.5	Pass
				20	3.27	-19.569	-0.0112	-2.5 to 2.5	Pass
					3.85	-10.901	-0.0062	-2.5 to 2.5	Pass
					4.43	2.232	0.0013	-2.5 to 2.5	Pass
				-30	3.85	7.768	0.0044	-2.5 to 2.5	Pass
				-20	3.85	13.046	0.0075	-2.5 to 2.5	Pass
				-10	3.85	21.358	0.0122	-2.5 to 2.5	Pass
				0	3.85	24.748	0.0142	-2.5 to 2.5	Pass
				10	3.85	30.913	0.0177	-2.5 to 2.5	Pass
				30	3.85	36.564	0.0209	-2.5 to 2.5	Pass
				40	3.85	41.070	0.0235	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0017	-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	-9.484	-0.0055	-2.5 to 2.5	Pass
					3.85	-23.732	-0.0138	-2.5 to 2.5	Pass
					4.43	-14.391	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-11.930	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-33.603	-0.0195	-2.5 to 2.5	Pass
				-10	3.85	-24.548	-0.0143	-2.5 to 2.5	Pass
				0	3.85	-24.219	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-11.044	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-25.663	-0.0149	-2.5 to 2.5	Pass
				40	3.85	-20.671	-0.0120	-2.5 to 2.5	Pass
	1732.5	100	0	50	3.85	-23.932	-0.0139	-2.5 to 2.5	Pass
				20	3.27	12.689	0.0073	-2.5 to 2.5	Pass
					3.85	15.178	0.0088	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-28.310	-0.0163	-2.5 to 2.5	Pass
				-20	3.85	-8.683	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-22.058	-0.0127	-2.5 to 2.5	Pass

				0	3.85	-33.331	-0.0192	-2.5 to 2.5	Pass
				10	3.85	-38.338	-0.0221	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-18.997	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-25.148	-0.0145	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	18.425	0.0106	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
					4.43	-21.415	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-37.951	-0.0217	-2.5 to 2.5	Pass
				-20	3.85	-15.149	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-33.875	-0.0194	-2.5 to 2.5	Pass
				0	3.85	-32.845	-0.0188	-2.5 to 2.5	Pass
				10	3.85	-13.204	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-18.682	-0.0107	-2.5 to 2.5	Pass
				40	3.85	-23.403	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-30.456	-0.0175	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-41.528	-0.0241	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
					4.43	-2.103	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-8.125	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-14.305	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-20.127	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-25.077	-0.0146	-2.5 to 2.5	Pass
				30	3.85	-29.426	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-33.960	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-39.897	-0.0232	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-29.383	-0.0170	-2.5 to 2.5	Pass
					3.85	-17.195	-0.0099	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	12.603	0.0073	-2.5 to 2.5	Pass
				-20	3.85	23.003	0.0133	-2.5 to 2.5	Pass
				-10	3.85	33.331	0.0192	-2.5 to 2.5	Pass
				0	3.85	-9.012	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-5.722	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-40.269	-0.0231	-2.5 to 2.5	Pass
					3.85	-37.050	-0.0212	-2.5 to 2.5	Pass
					4.43	-31.271	-0.0179	-2.5 to 2.5	Pass
				-30	3.85	-29.955	-0.0172	-2.5 to 2.5	Pass
				-20	3.85	-31.414	-0.0180	-2.5 to 2.5	Pass
				-10	3.85	-35.434	-0.0203	-2.5 to 2.5	Pass
				0	3.85	-39.554	-0.0227	-2.5 to 2.5	Pass
				10	3.85	-44.518	-0.0255	-2.5 to 2.5	Pass
				30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-9.184	-0.0053	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

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

3.1.2 B4_3MHz

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

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / 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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

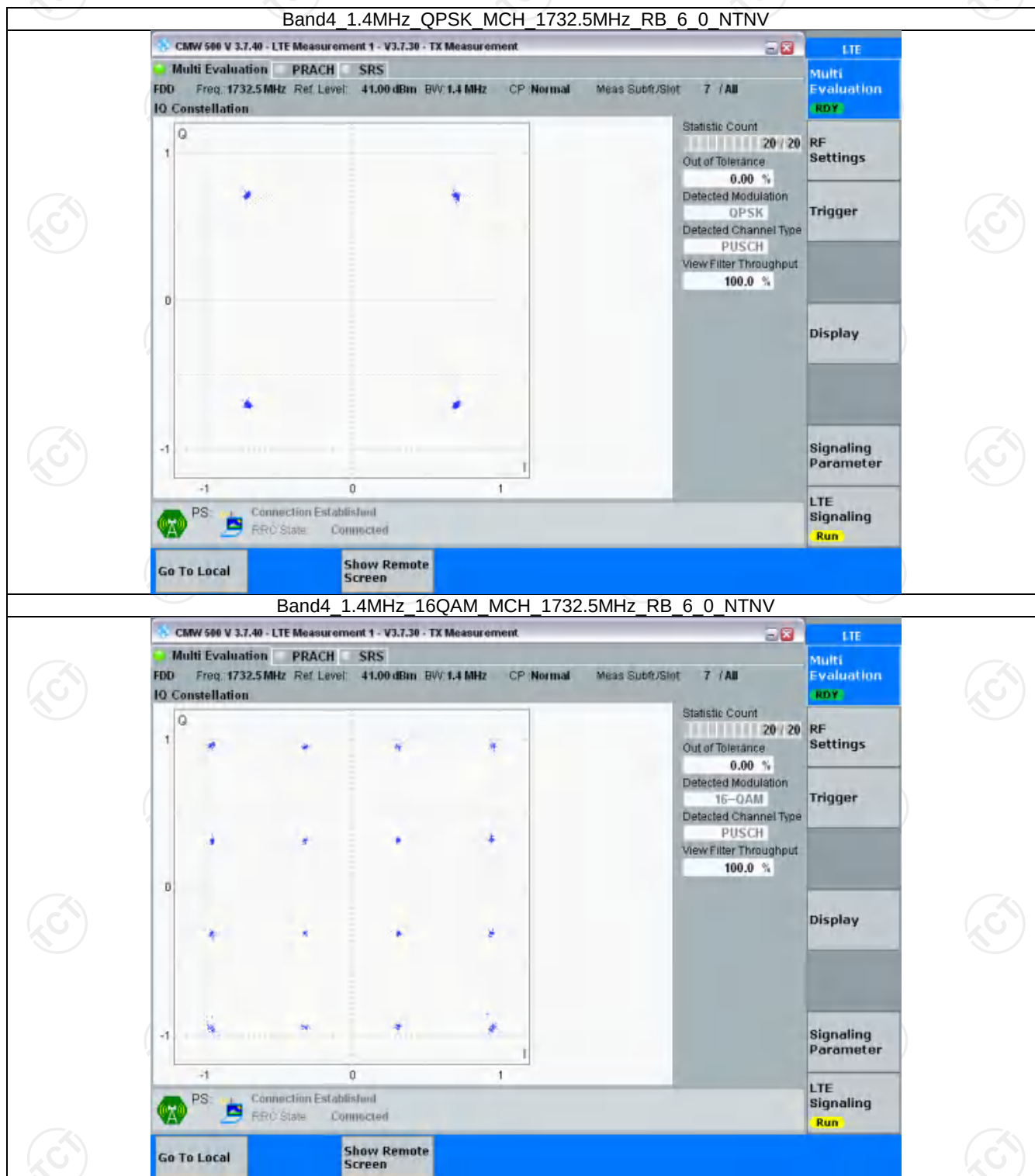
Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

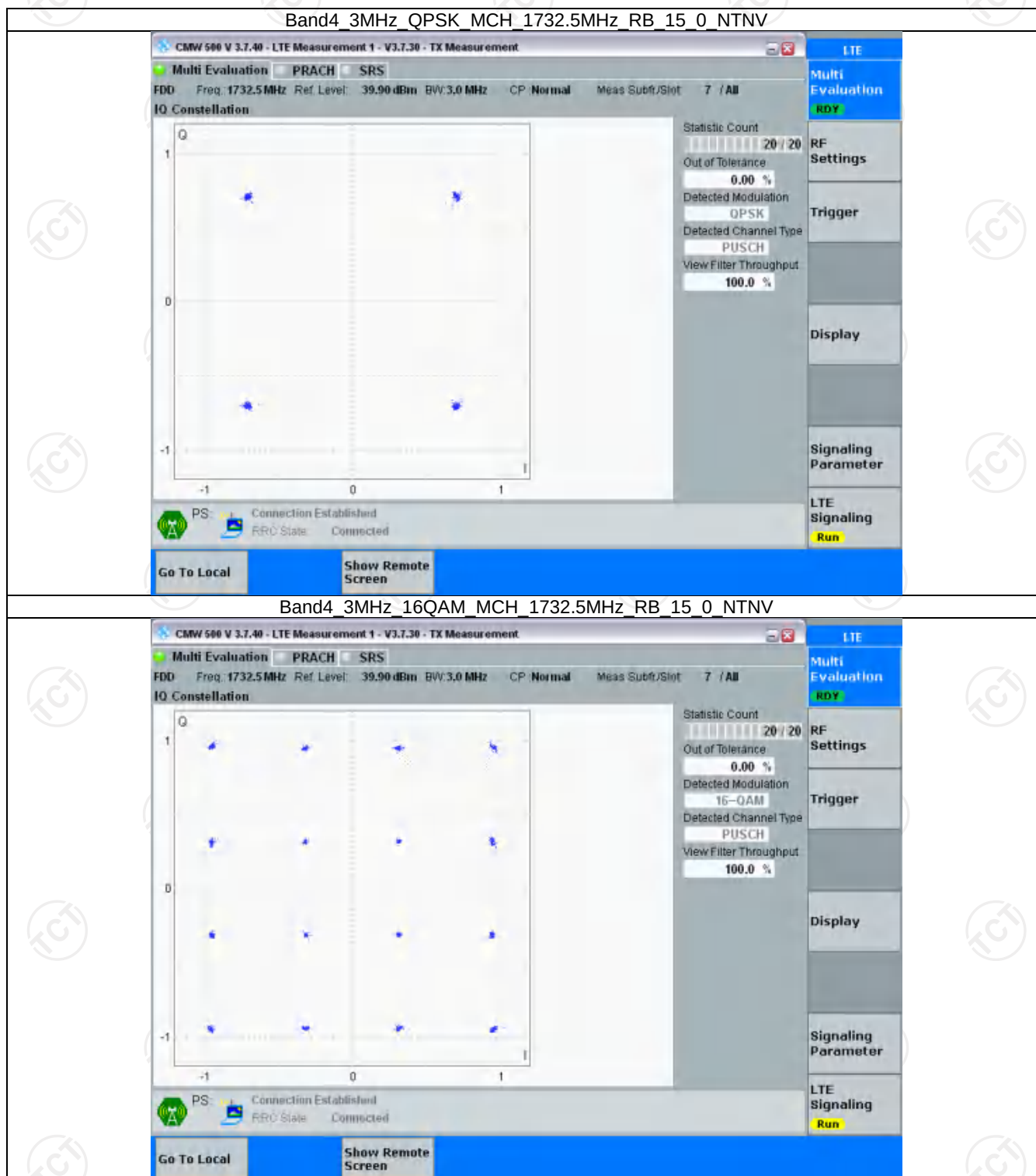
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

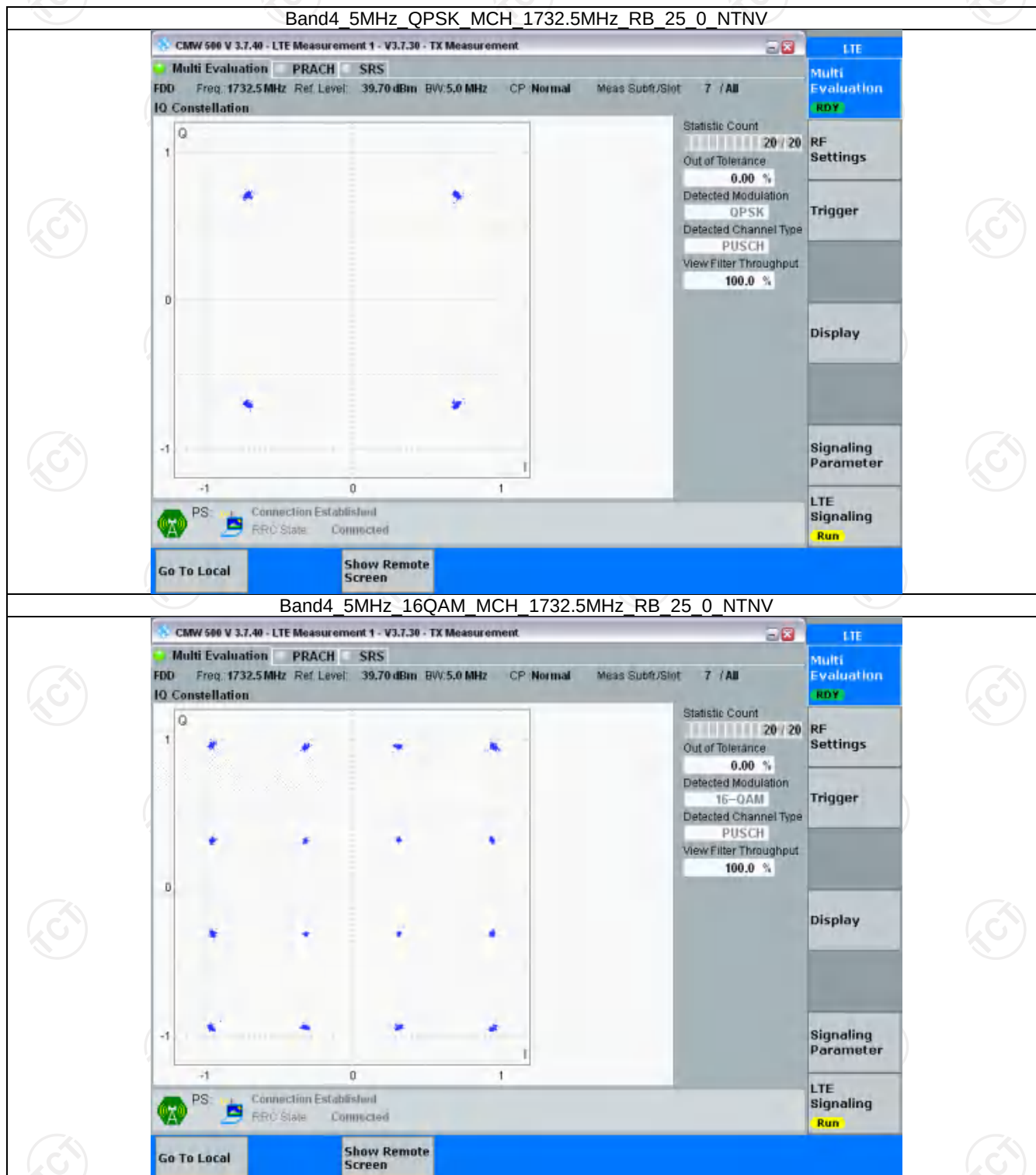
3.2.1 B4_1.4MHz



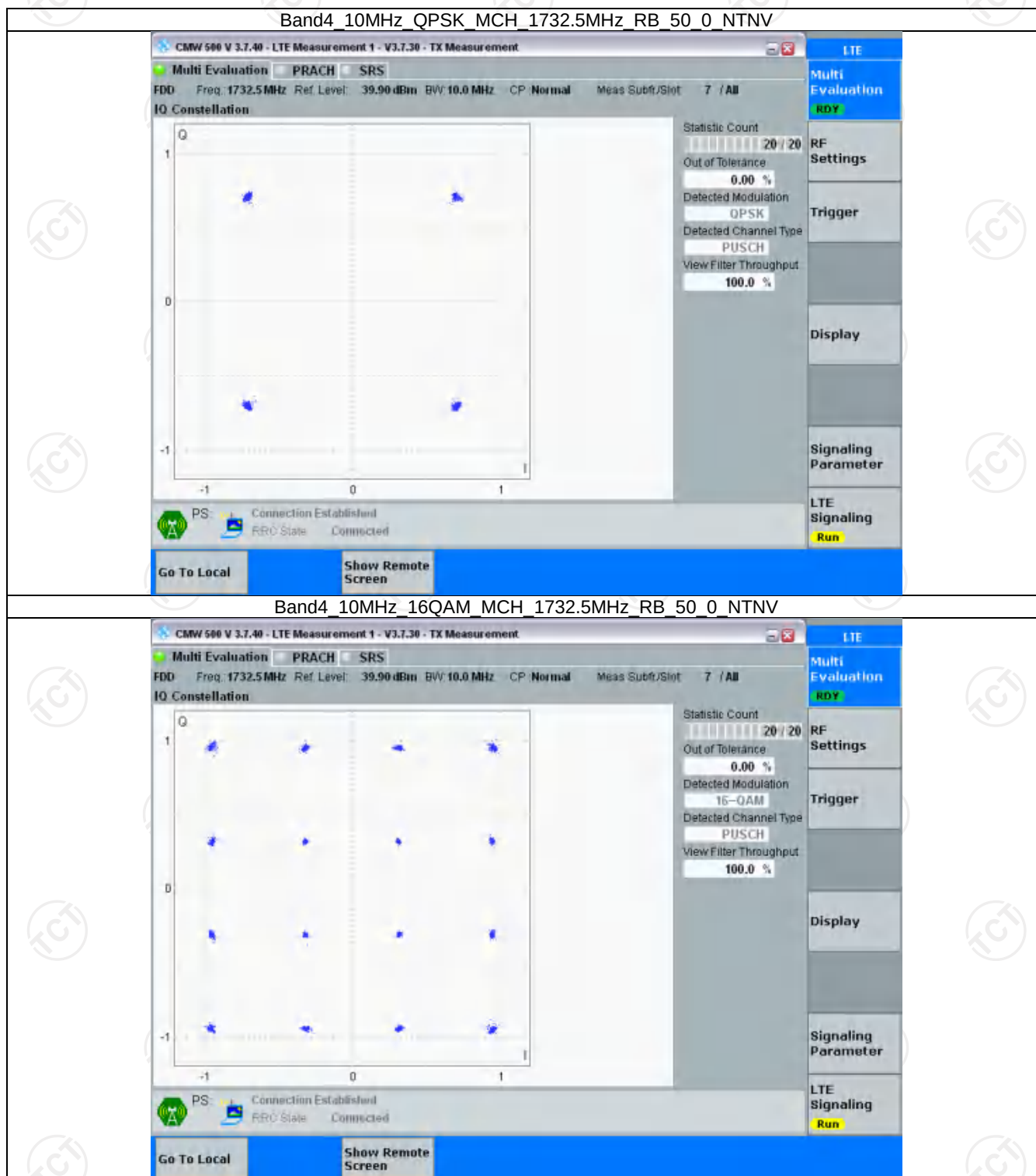
3.2.2 B4_3MHz



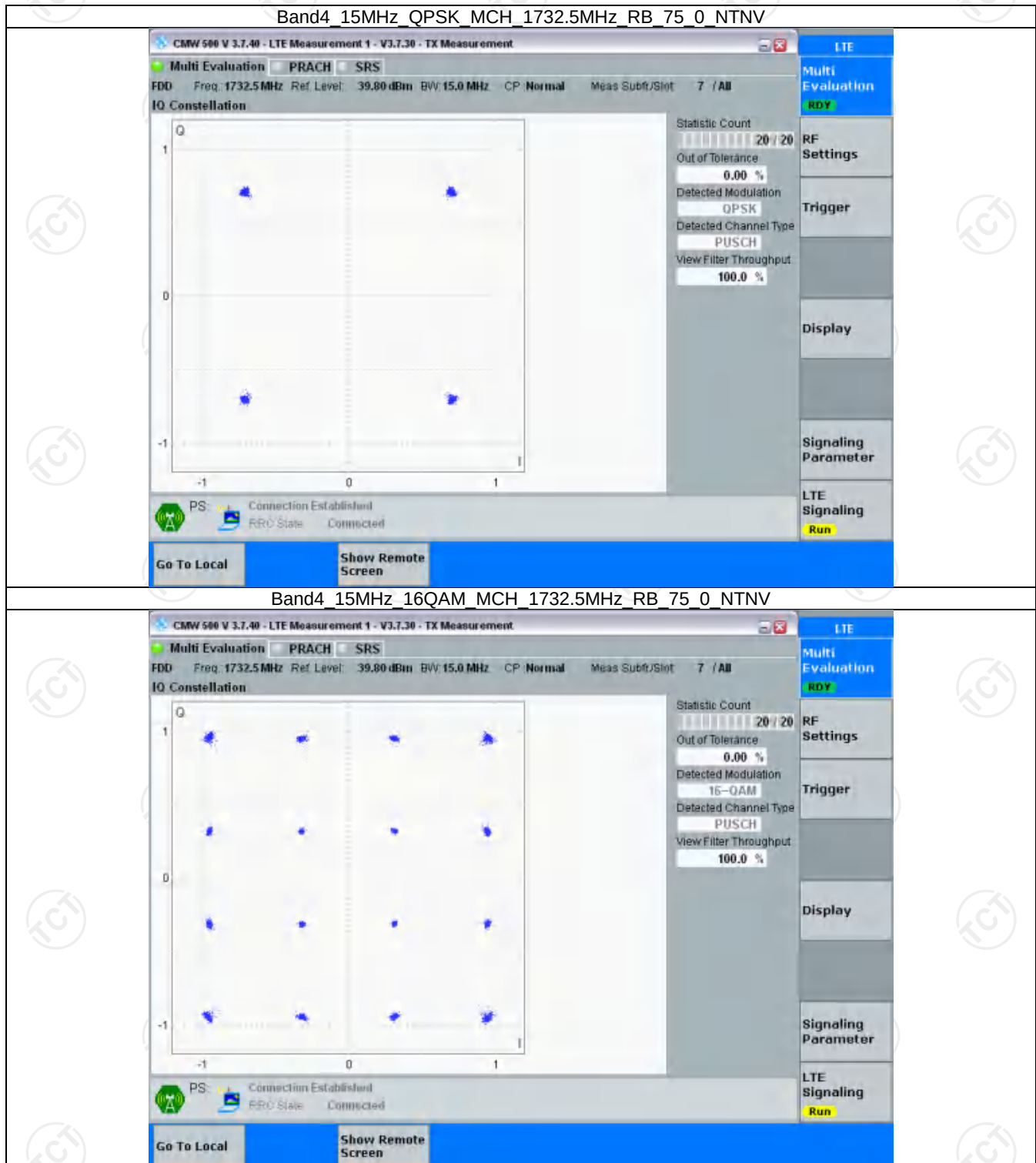
3.2.3 B4_5MHz



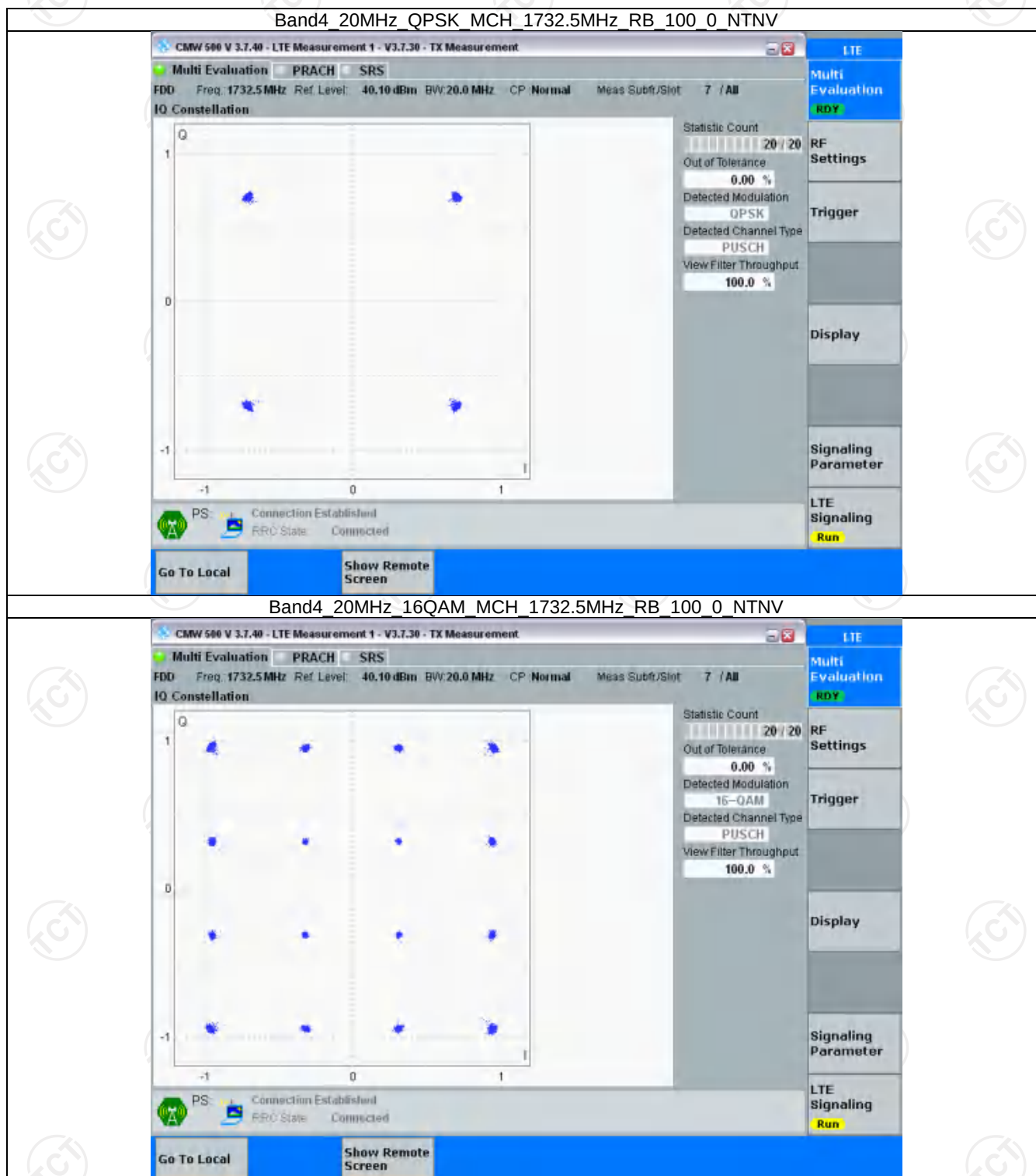
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.121	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.124	/	Pass
3	QPSK	1711.5	15	0	2.752	/	Pass
		1732.5	15	0	2.765	/	Pass
		1753.5	15	0	2.761	/	Pass
	16QAM	1711.5	15	0	2.765	/	Pass
		1732.5	15	0	2.750	/	Pass
		1753.5	15	0	2.736	/	Pass
5	QPSK	1712.5	25	0	4.548	/	Pass
		1732.5	25	0	4.551	/	Pass
		1752.5	25	0	4.584	/	Pass
	16QAM	1712.5	25	0	4.596	/	Pass
		1732.5	25	0	4.562	/	Pass
		1752.5	25	0	4.545	/	Pass
10	QPSK	1715	50	0	9.094	/	Pass
		1732.5	50	0	9.041	/	Pass
		1750	50	0	9.093	/	Pass
	16QAM	1715	50	0	9.105	/	Pass
		1732.5	50	0	9.036	/	Pass
		1750	50	0	9.055	/	Pass
15	QPSK	1717.5	75	0	13.615	/	Pass
		1732.5	75	0	13.582	/	Pass
		1747.5	75	0	13.628	/	Pass
	16QAM	1717.5	75	0	13.623	/	Pass
		1732.5	75	0	13.635	/	Pass
		1747.5	75	0	13.653	/	Pass
20	QPSK	1720	100	0	18.219	/	Pass
		1732.5	100	0	18.107	/	Pass
		1745	100	0	18.128	/	Pass
	16QAM	1720	100	0	18.223	/	Pass
		1732.5	100	0	18.118	/	Pass
		1745	100	0	18.227	/	Pass

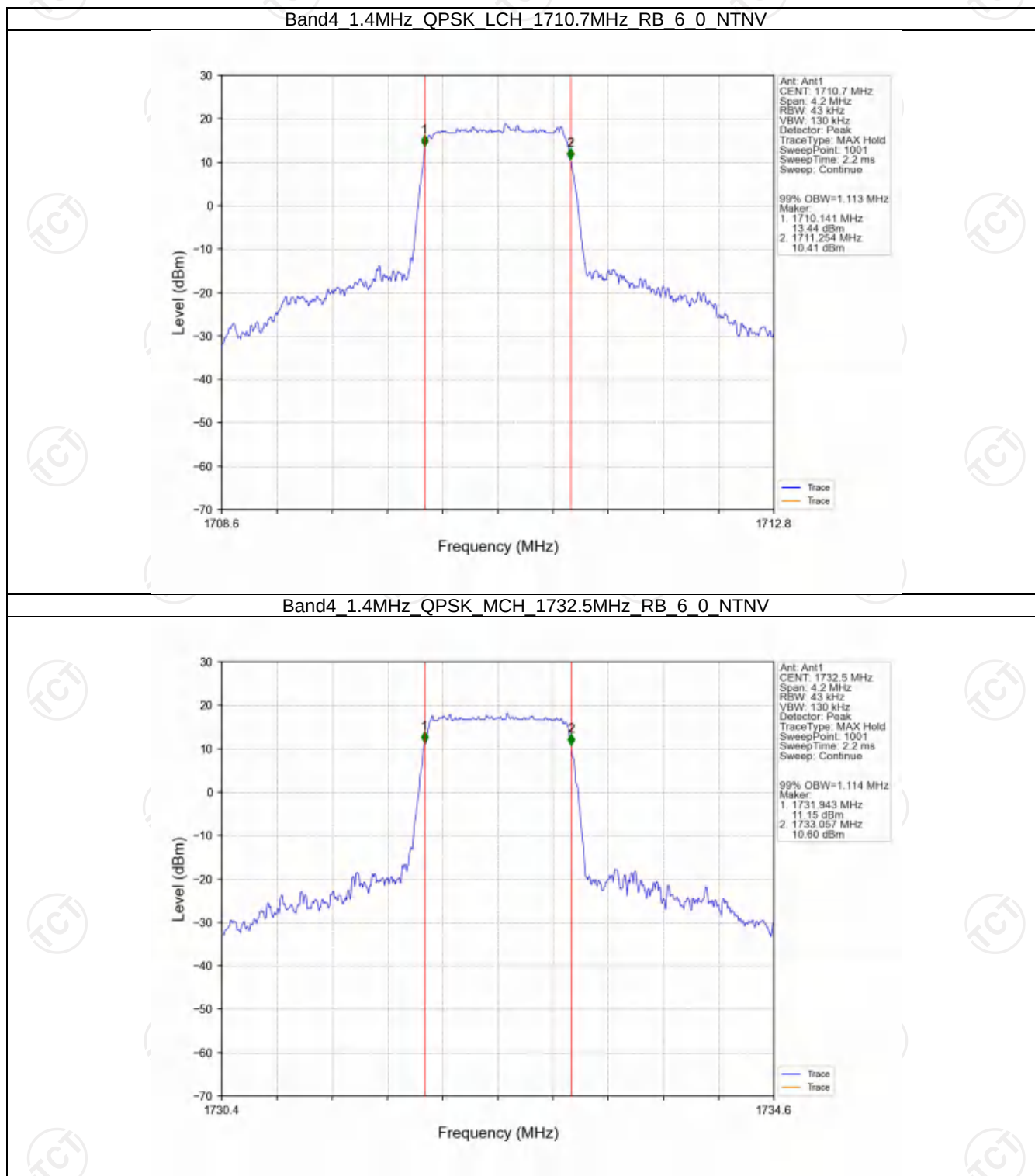
4.1.2 Band4_XDB

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	1.266	/	Pass
		1732.5	6	0	1.270	/	Pass
		1754.3	6	0	1.291	/	Pass

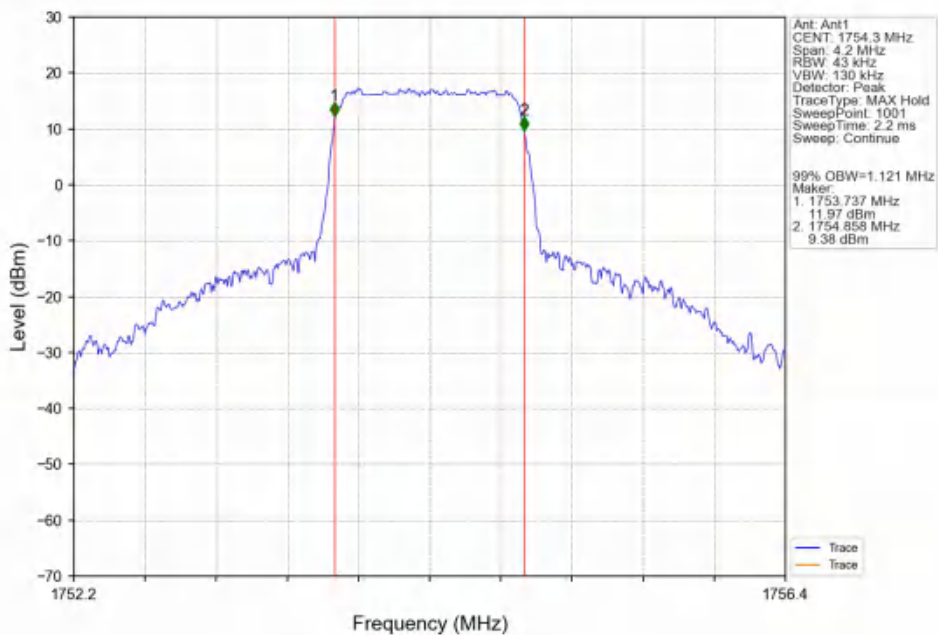
	16QAM	1710.7	6	0	1.275	/	Pass
		1732.5	6	0	1.267	/	Pass
		1754.3	6	0	1.272	/	Pass
3	QPSK	1711.5	15	0	3.102	/	Pass
		1732.5	15	0	3.085	/	Pass
		1753.5	15	0	3.111	/	Pass
	16QAM	1711.5	15	0	3.125	/	Pass
		1732.5	15	0	3.092	/	Pass
		1753.5	15	0	3.099	/	Pass
5	QPSK	1712.5	25	0	5.032	/	Pass
		1732.5	25	0	5.033	/	Pass
		1752.5	25	0	5.064	/	Pass
	16QAM	1712.5	25	0	5.070	/	Pass
		1732.5	25	0	5.060	/	Pass
		1752.5	25	0	5.062	/	Pass
10	QPSK	1715	50	0	10.034	/	Pass
		1732.5	50	0	10.008	/	Pass
		1750	50	0	10.017	/	Pass
	16QAM	1715	50	0	10.077	/	Pass
		1732.5	50	0	10.047	/	Pass
		1750	50	0	10.067	/	Pass
15	QPSK	1717.5	75	0	15.157	/	Pass
		1732.5	75	0	15.000	/	Pass
		1747.5	75	0	15.201	/	Pass
	16QAM	1717.5	75	0	15.135	/	Pass
		1732.5	75	0	15.202	/	Pass
		1747.5	75	0	15.137	/	Pass
20	QPSK	1720	100	0	20.126	/	Pass
		1732.5	100	0	19.948	/	Pass
		1745	100	0	20.043	/	Pass
	16QAM	1720	100	0	19.956	/	Pass
		1732.5	100	0	20.039	/	Pass
		1745	100	0	20.109	/	Pass

4.2 Test Graph

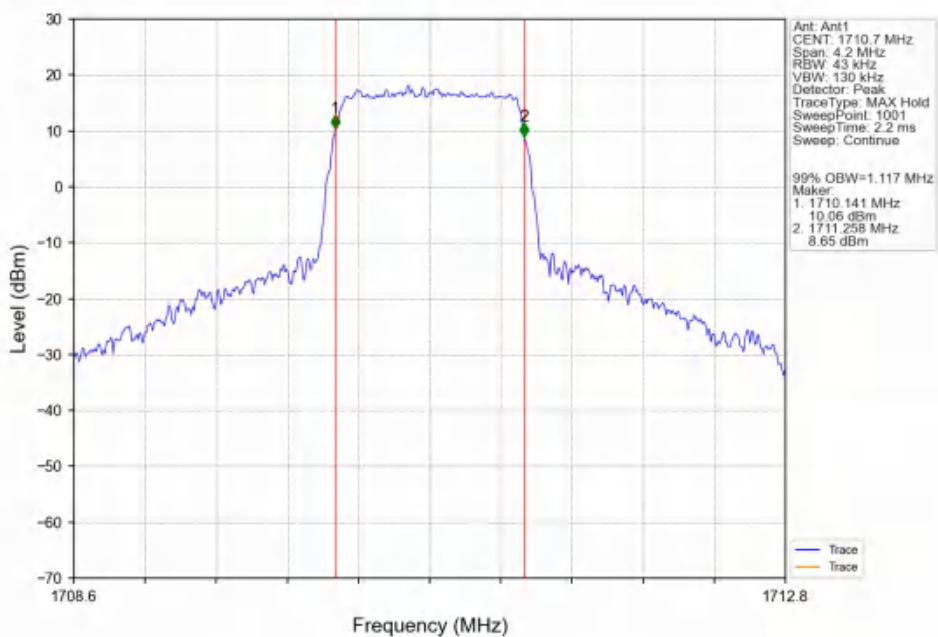
4.2.1 Band4_OBW



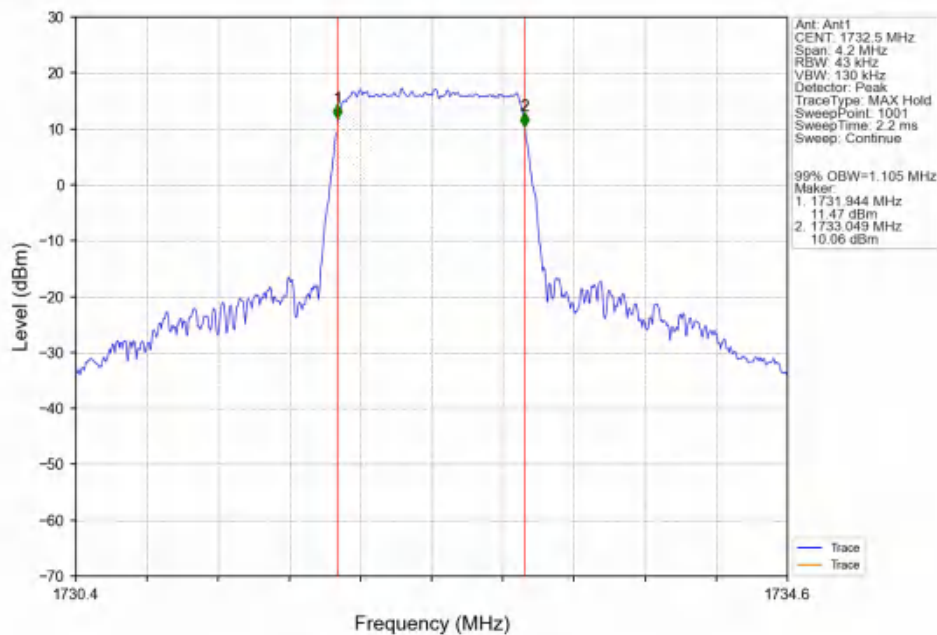
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



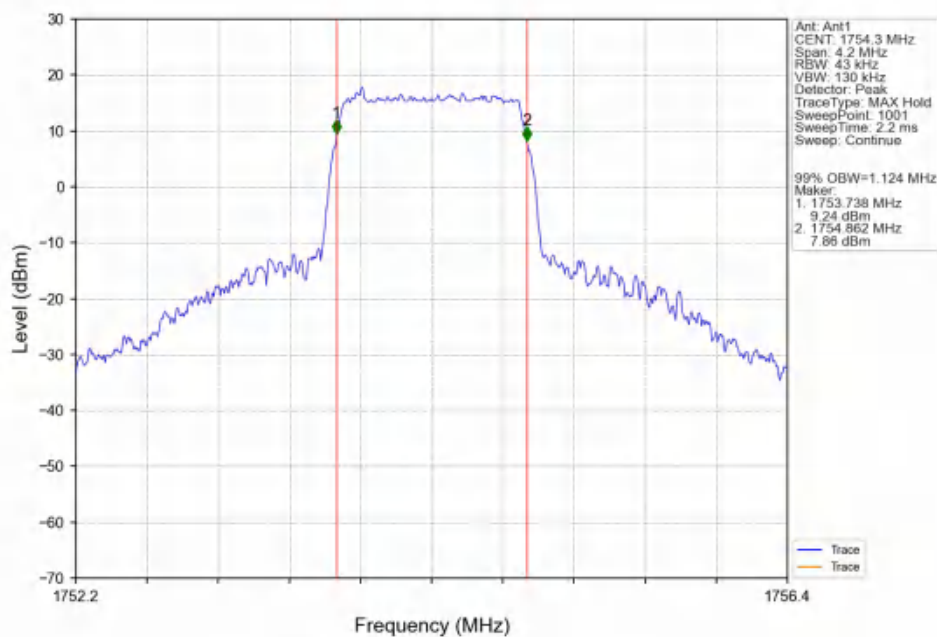
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



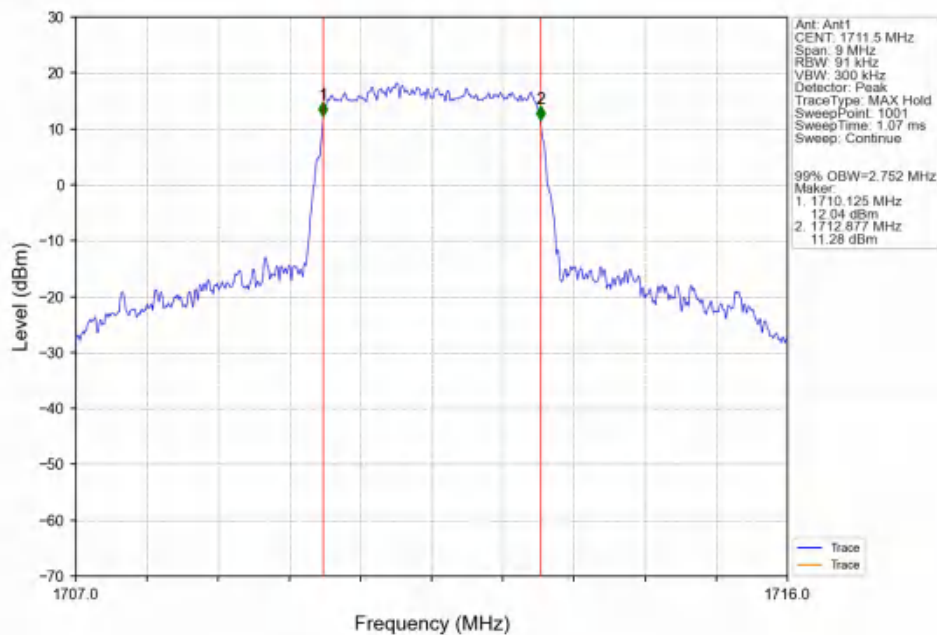
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



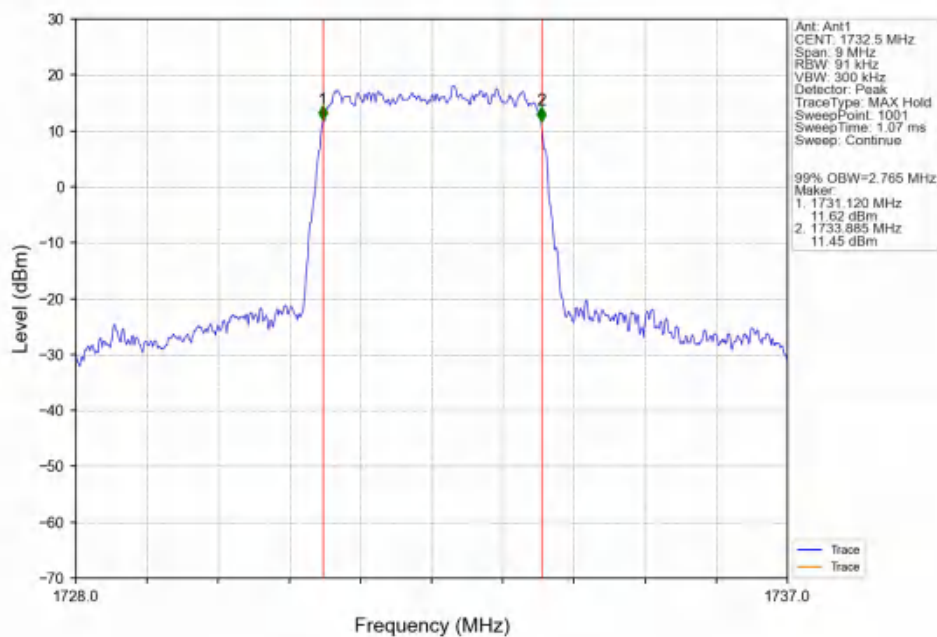
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



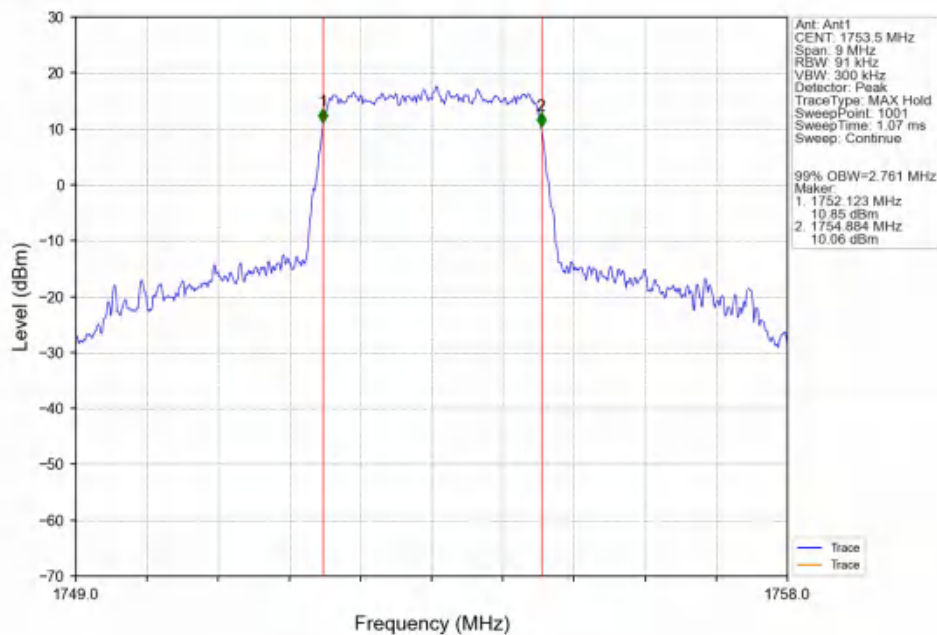
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



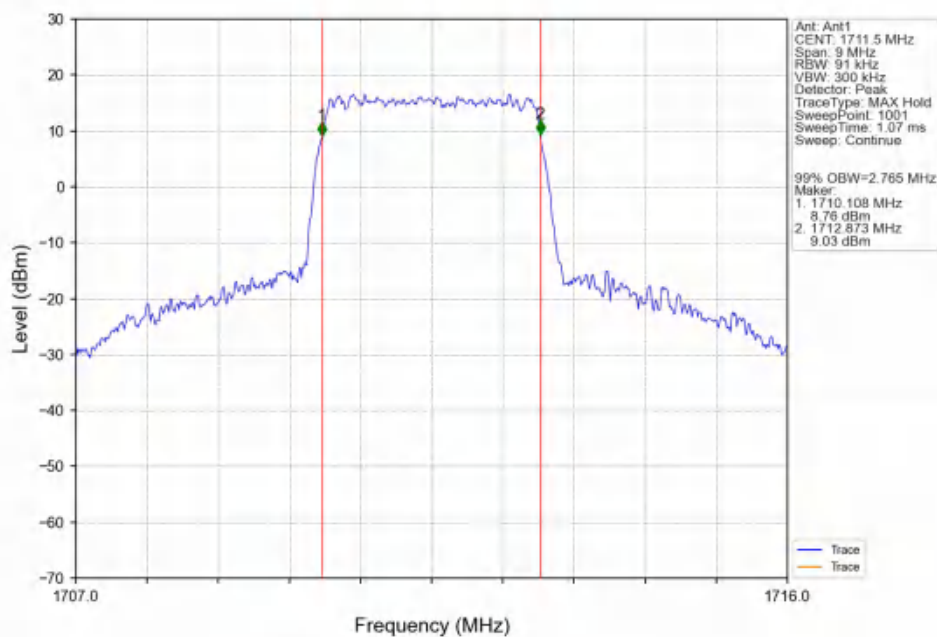
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



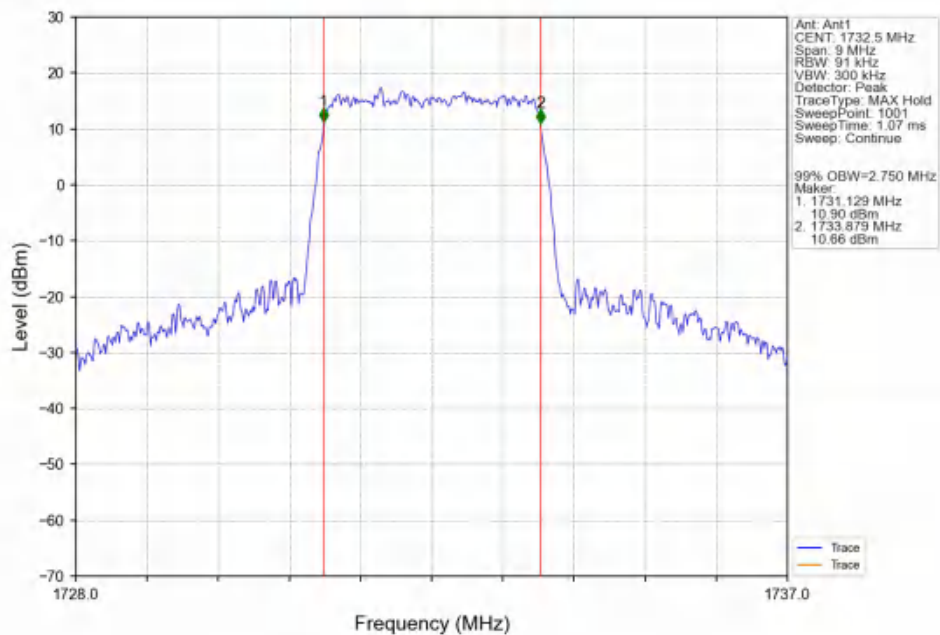
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTN



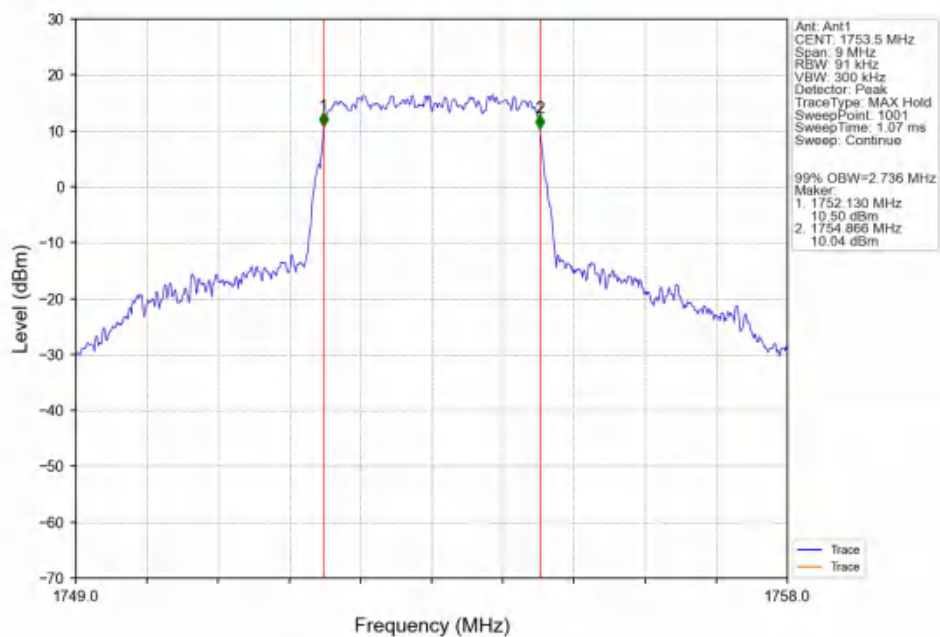
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTN



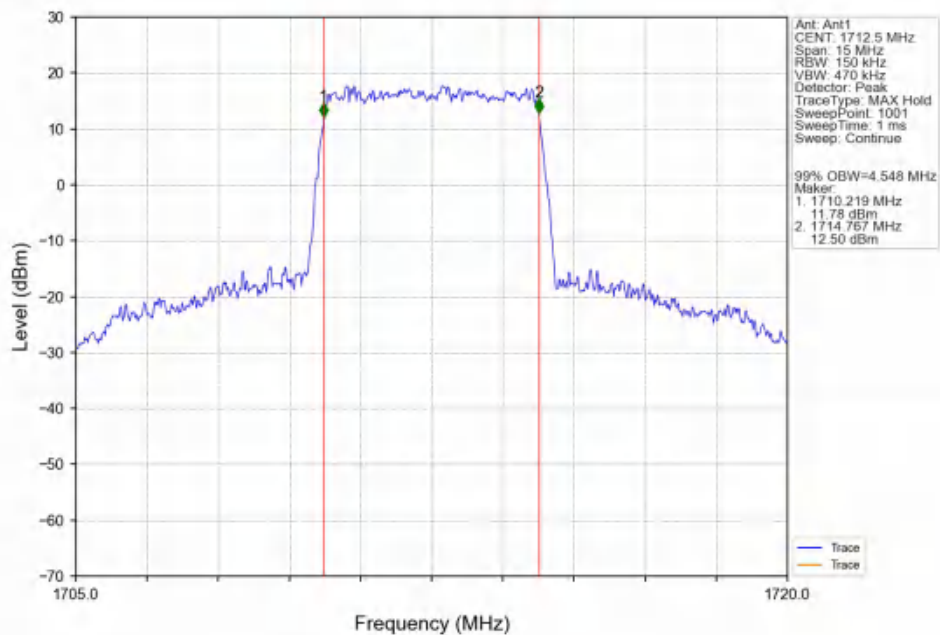
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



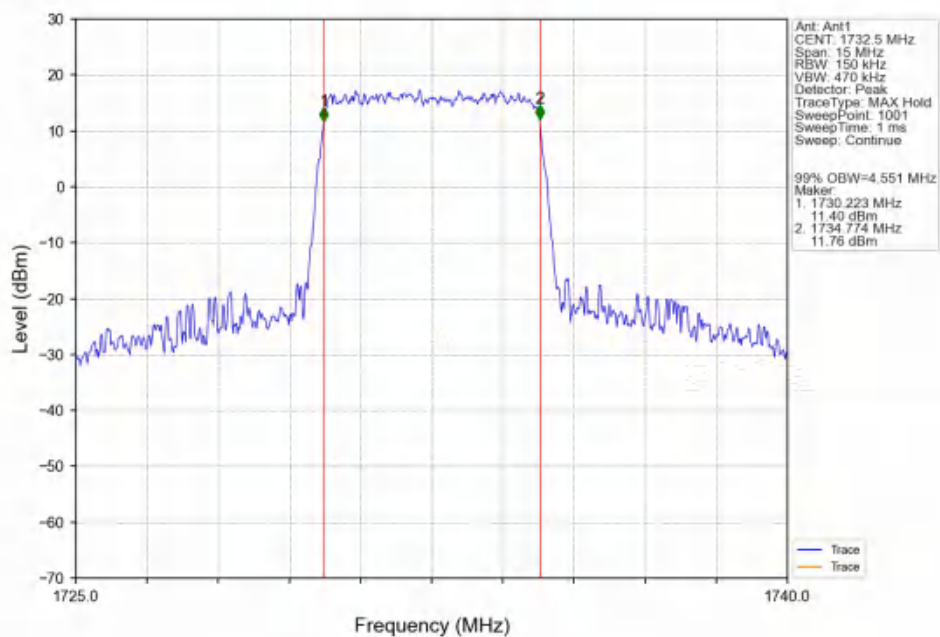
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



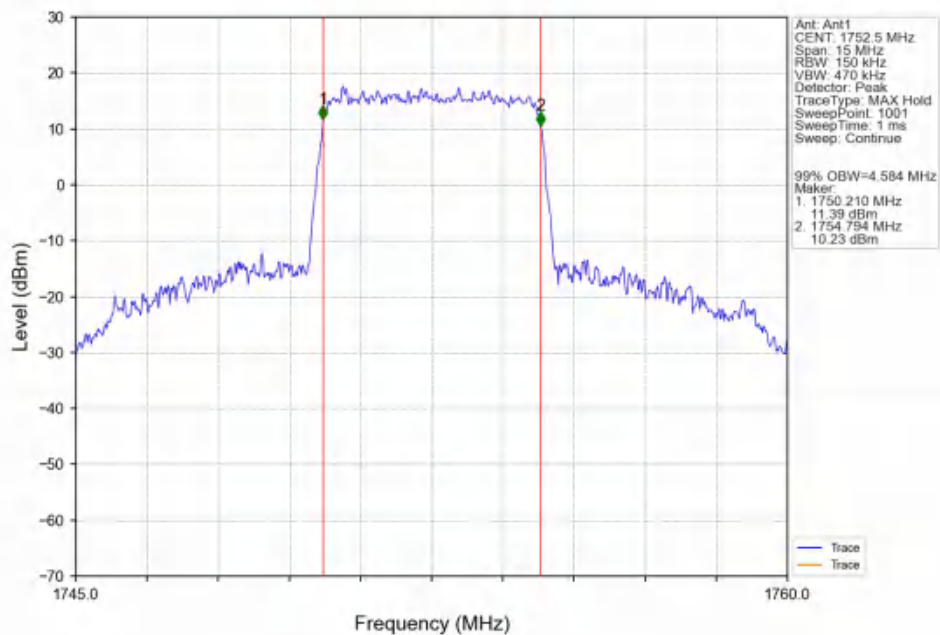
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



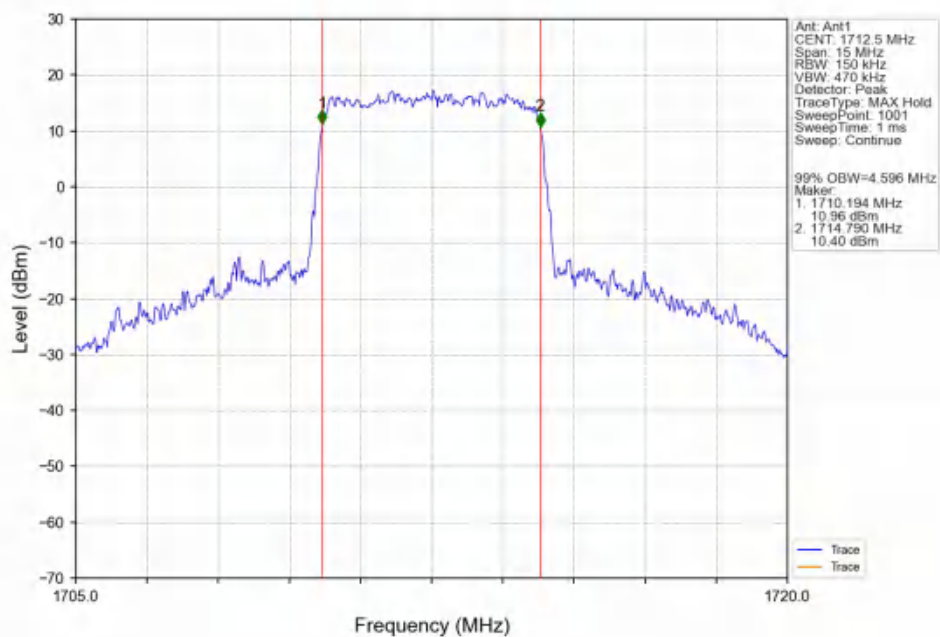
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



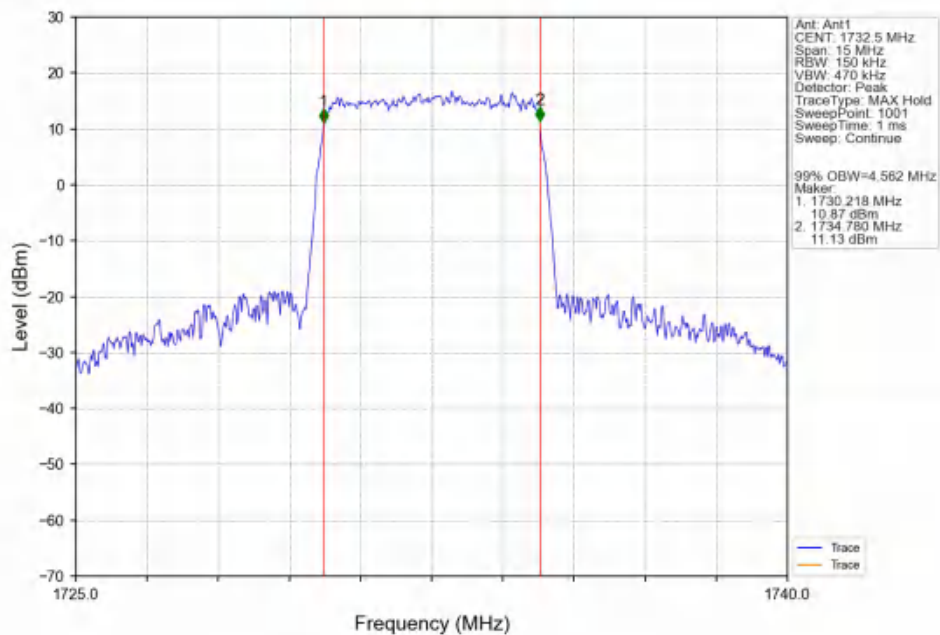
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTN



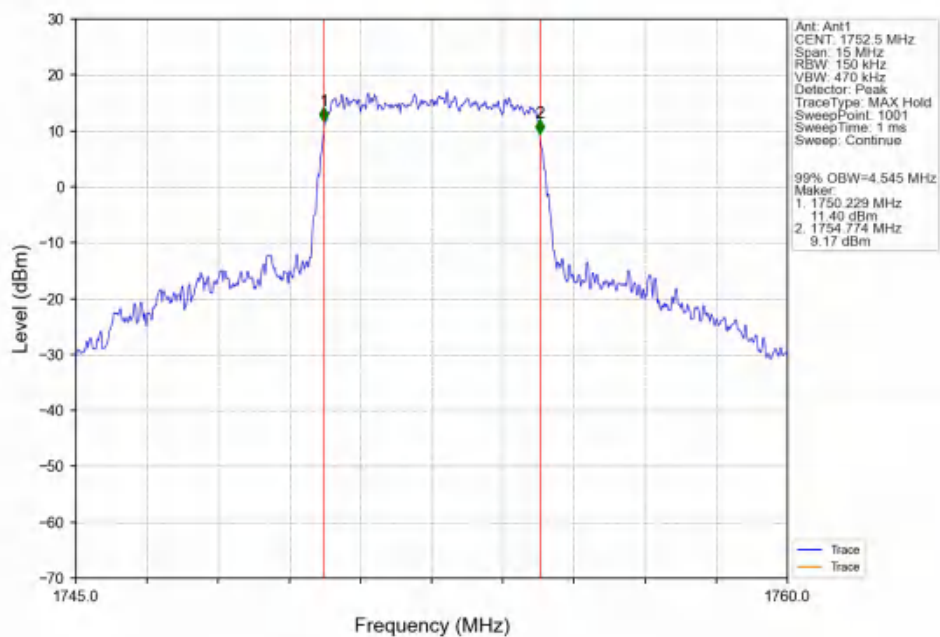
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTN



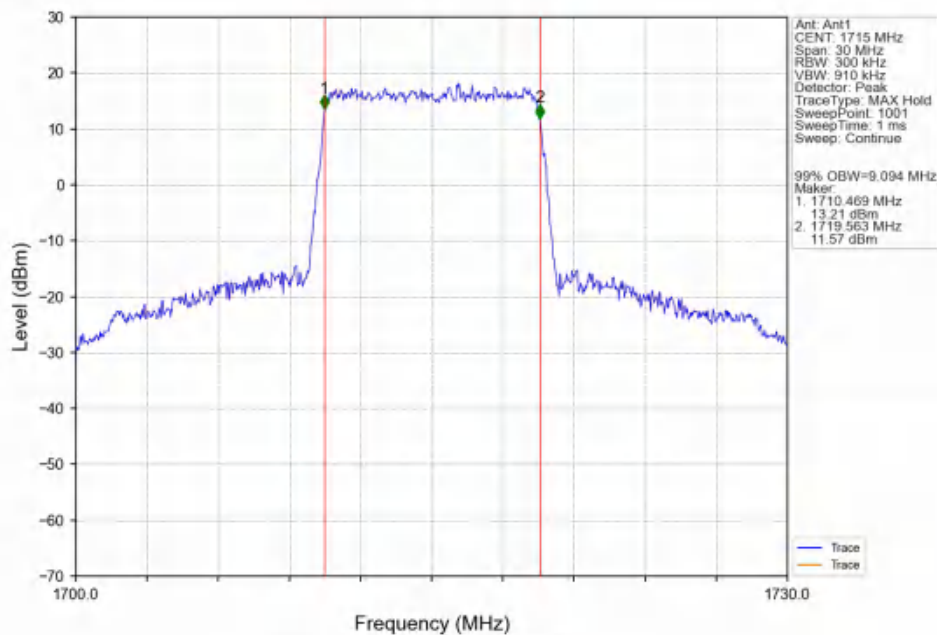
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



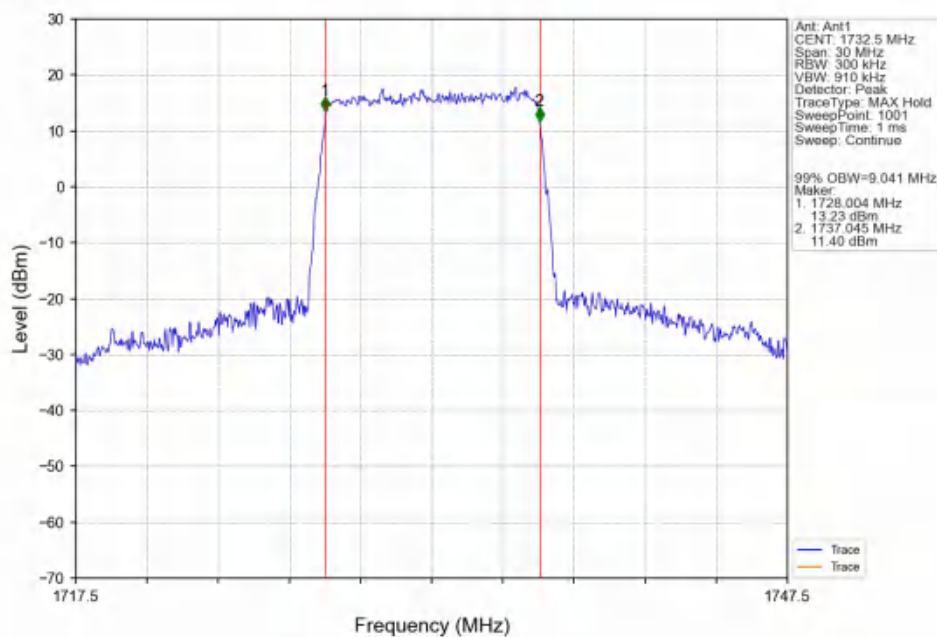
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



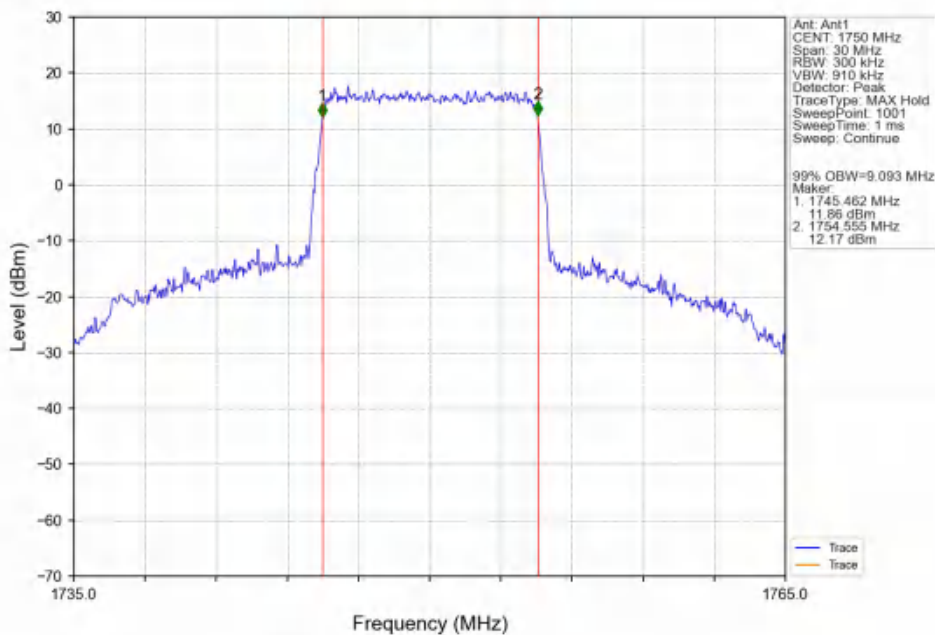
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



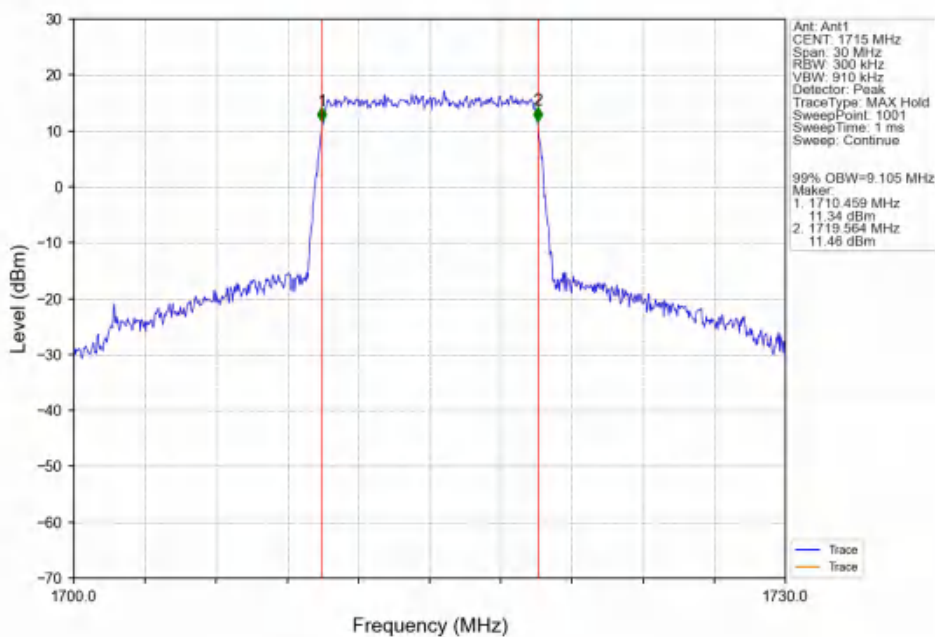
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



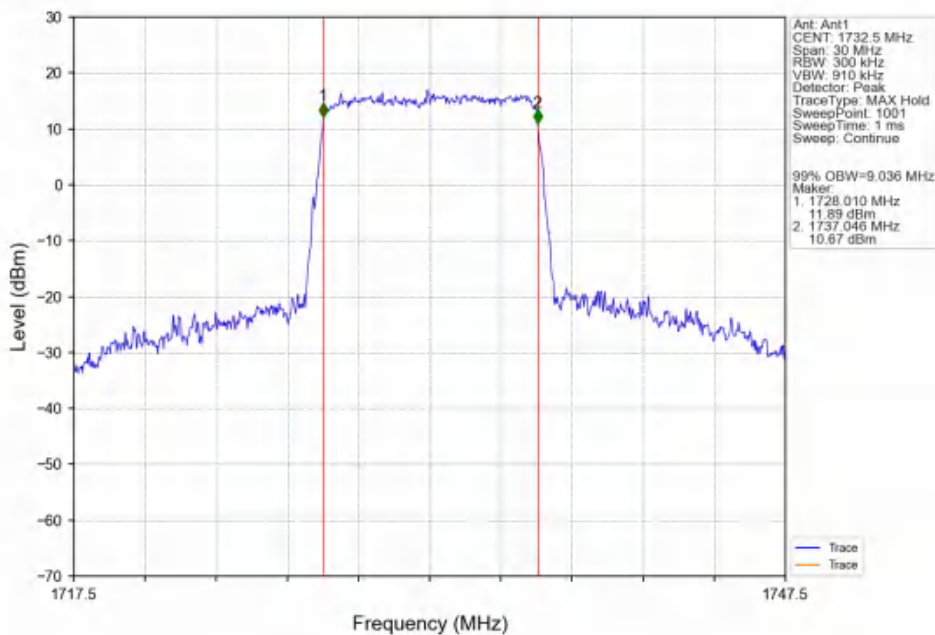
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



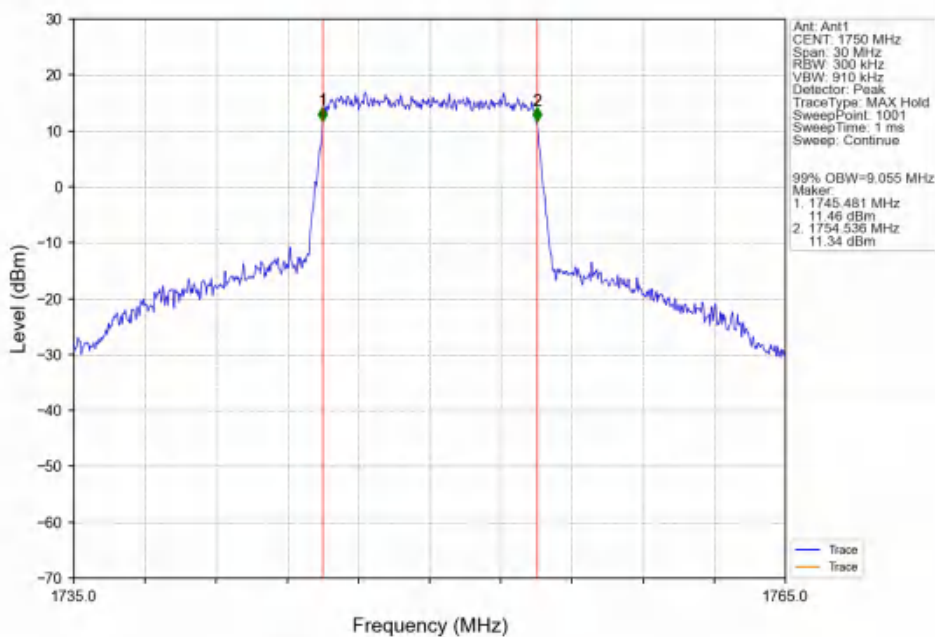
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



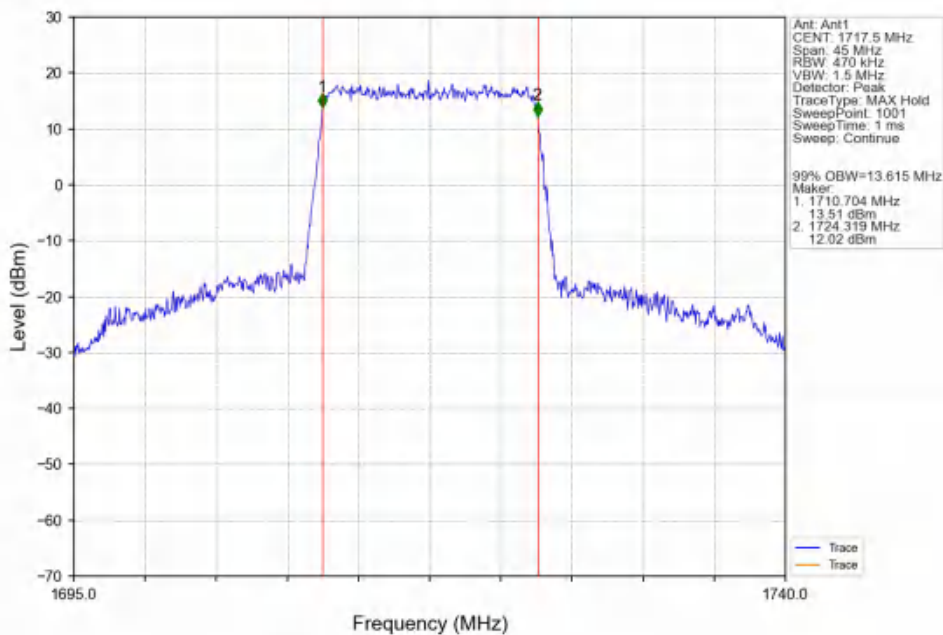
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



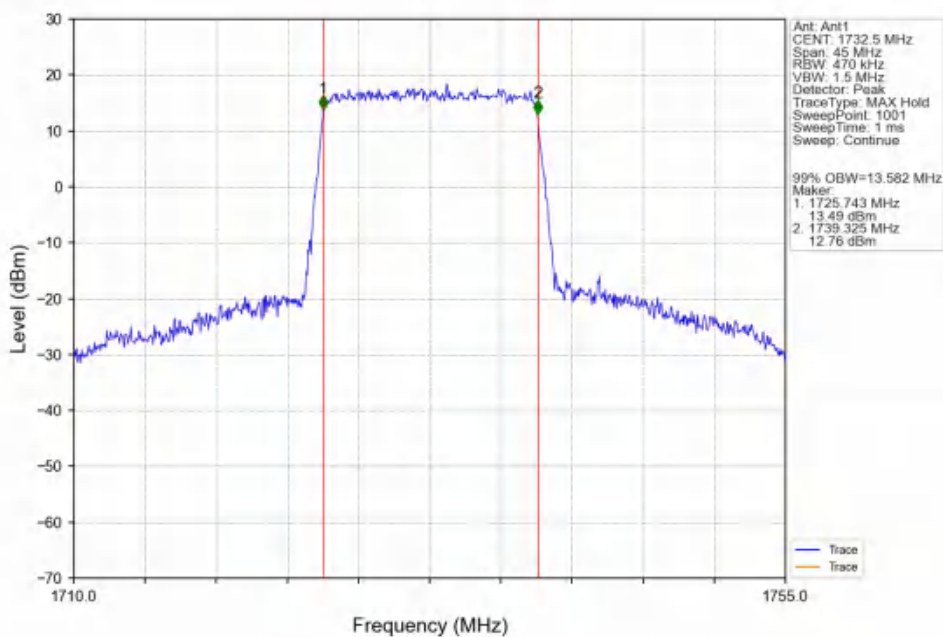
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



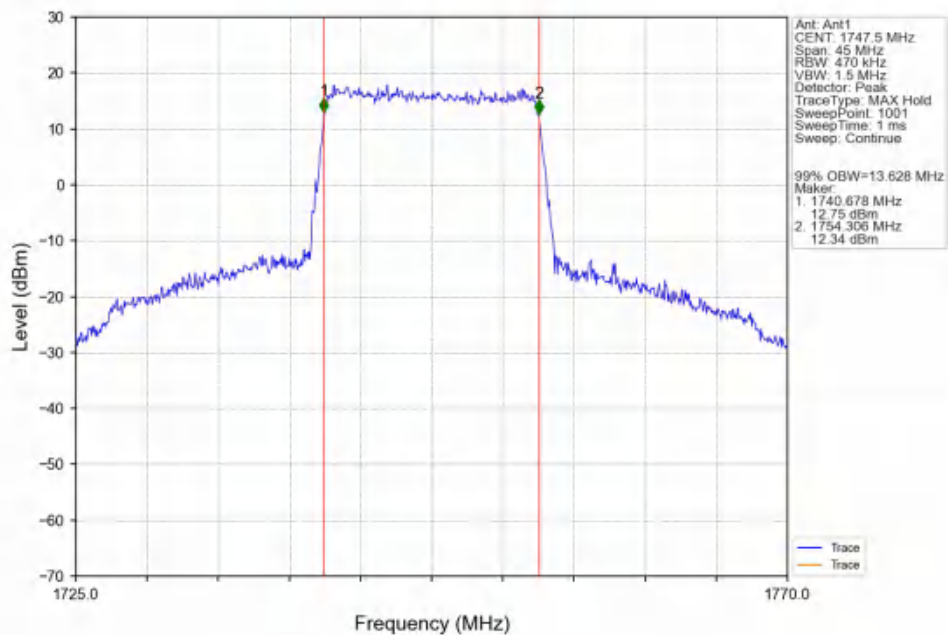
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



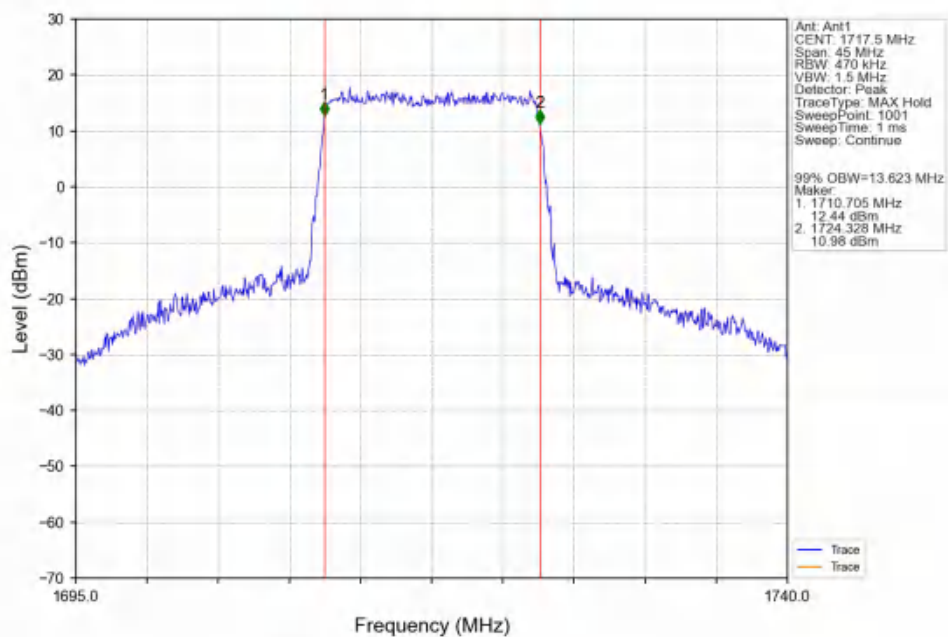
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



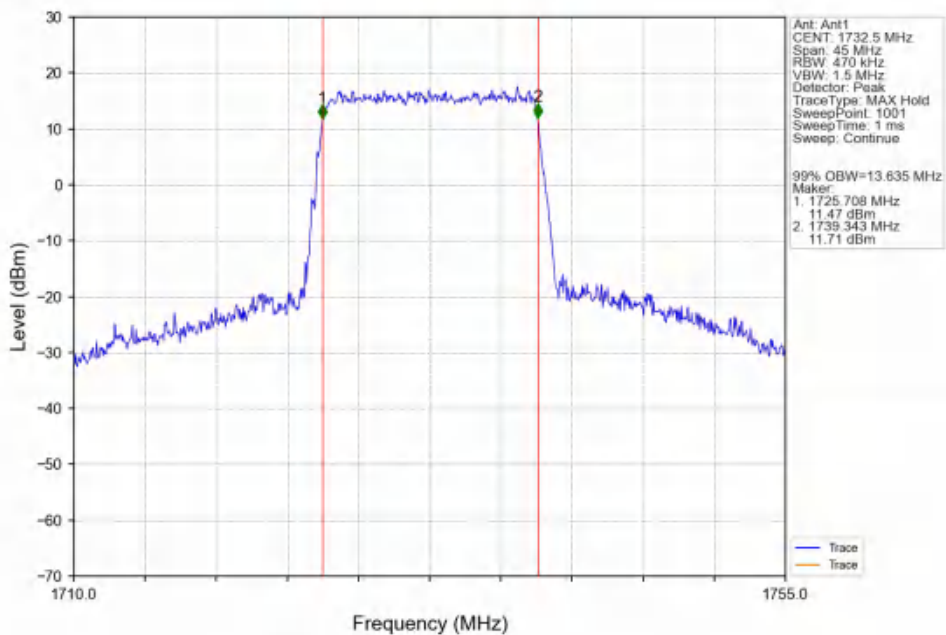
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



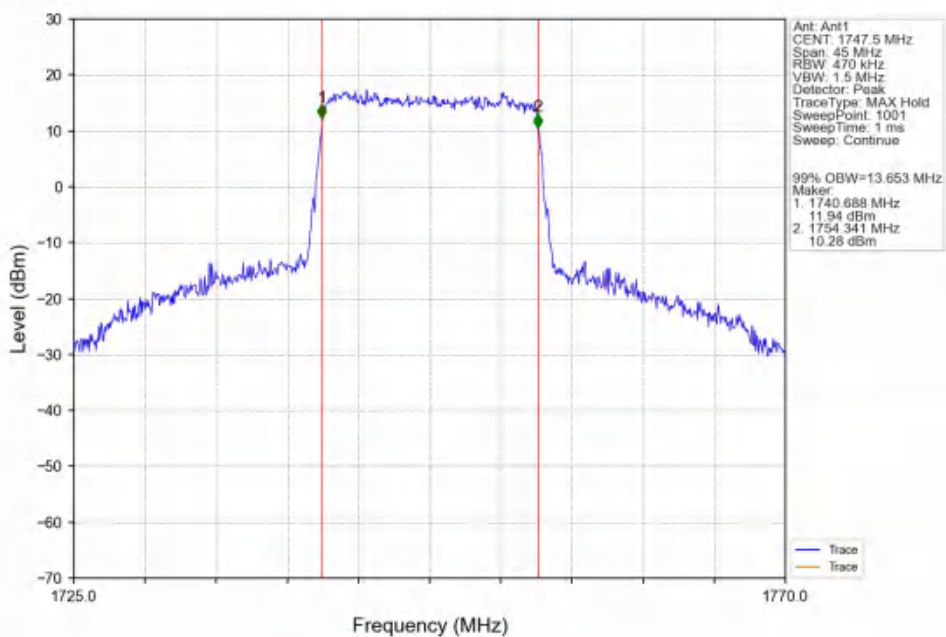
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



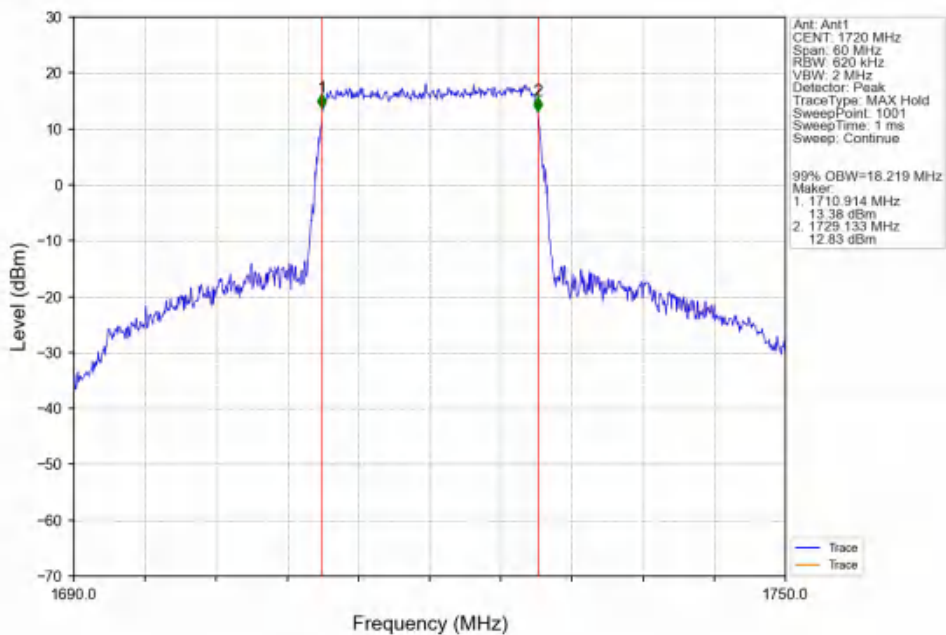
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



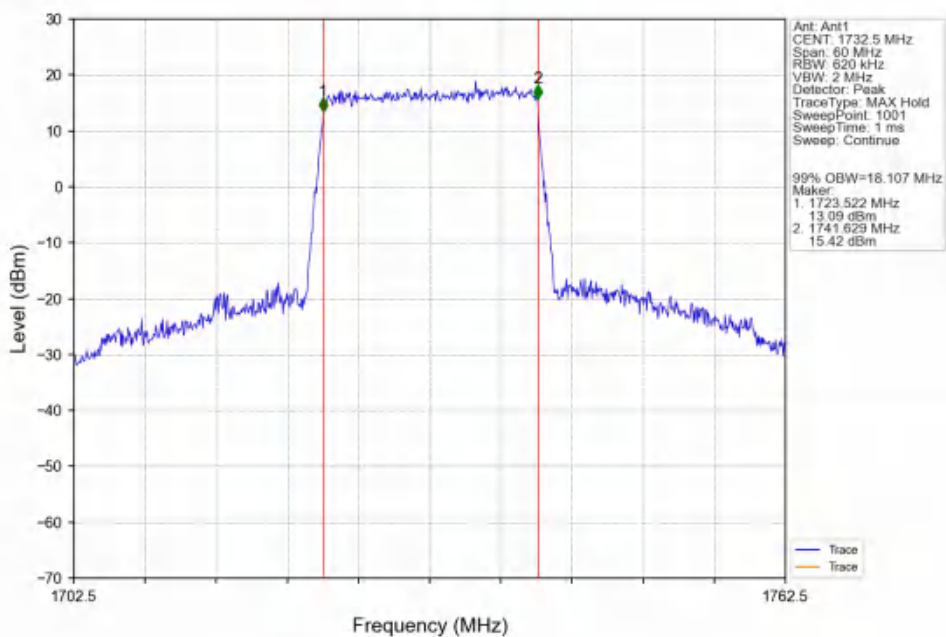
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



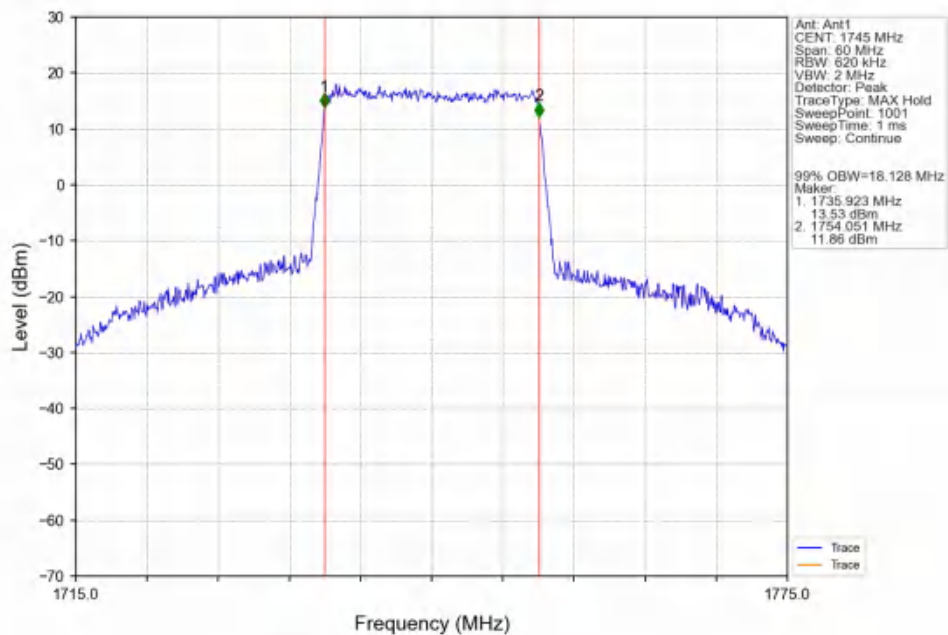
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



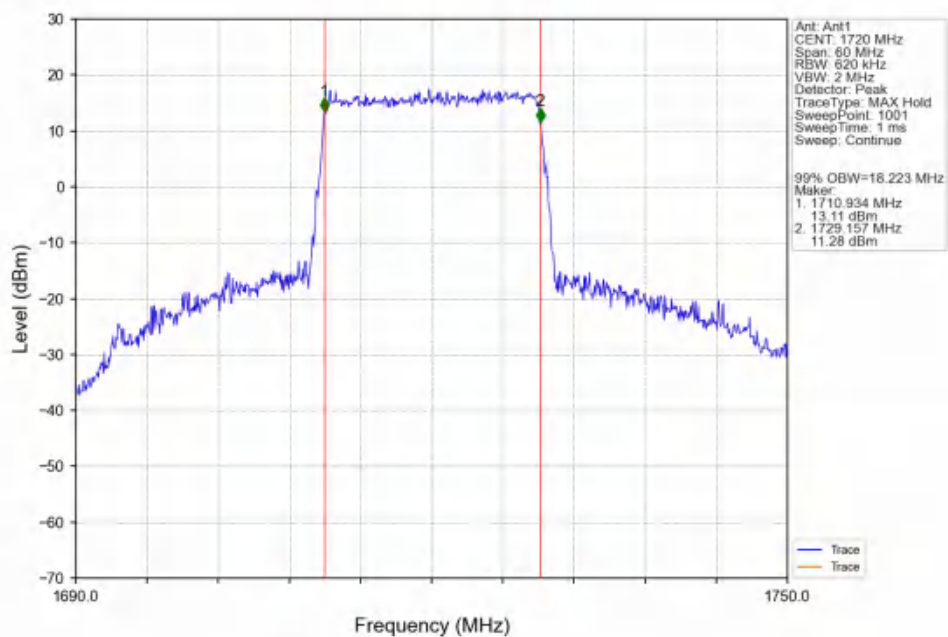
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



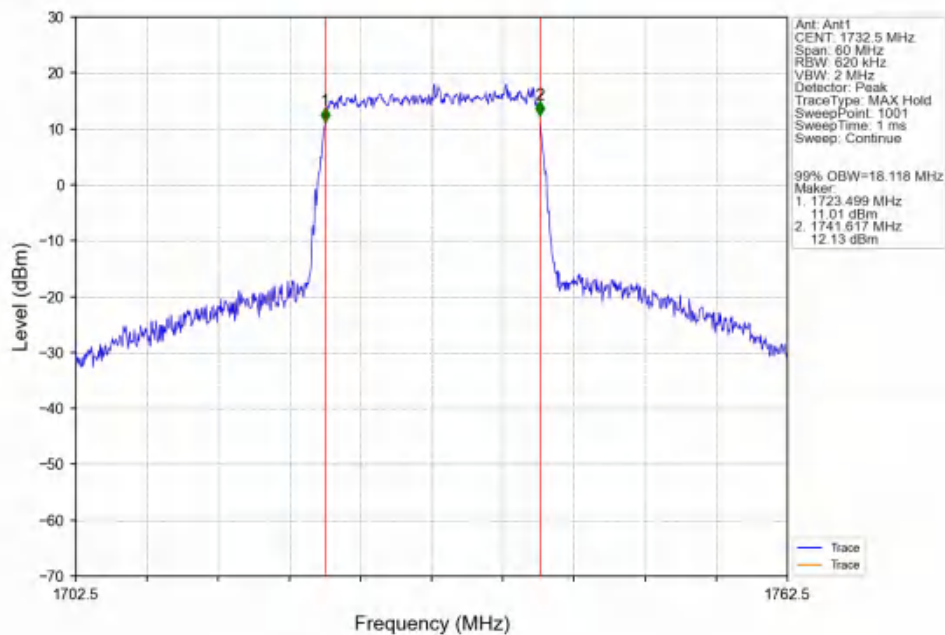
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



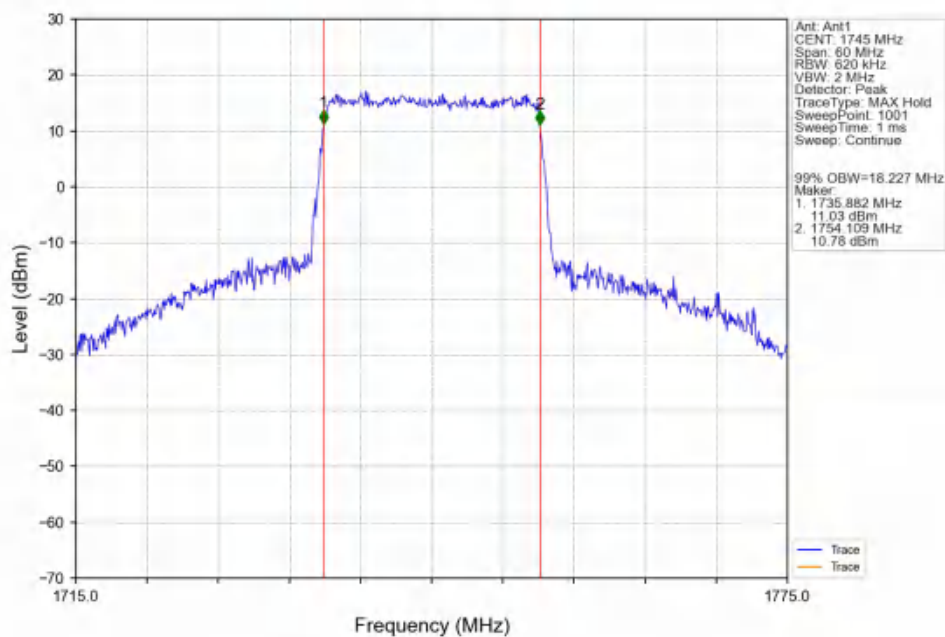
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



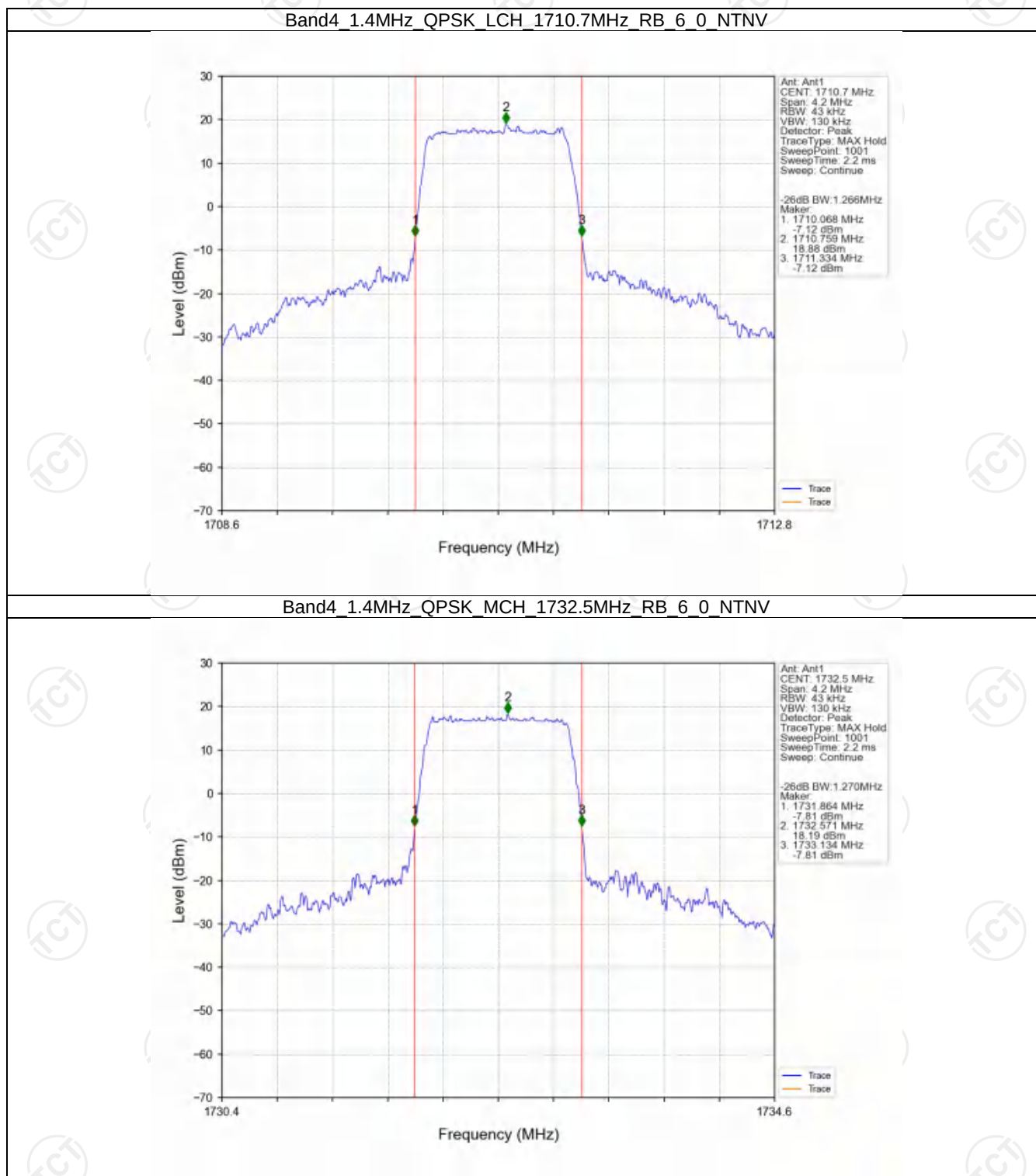
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



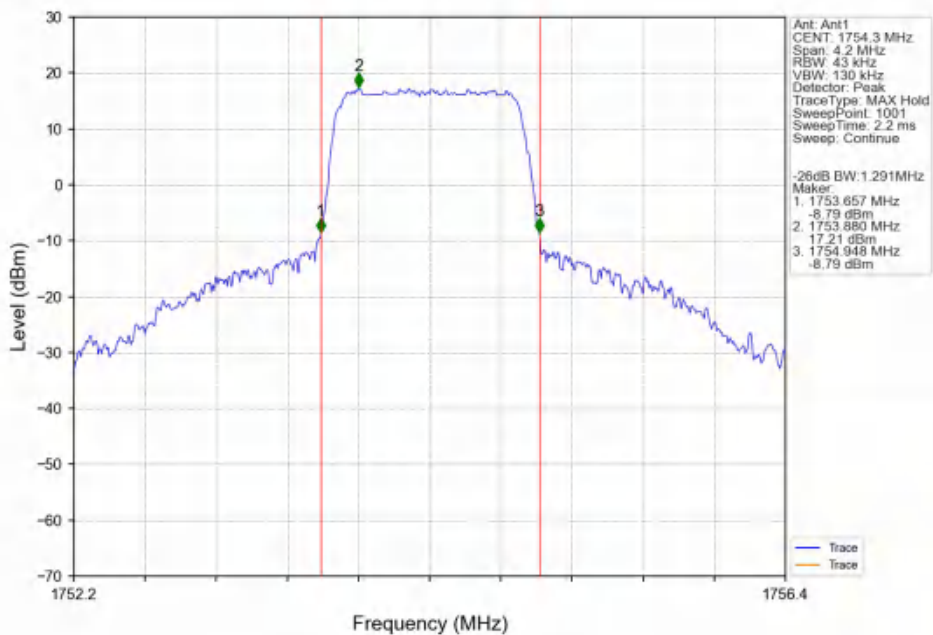
Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



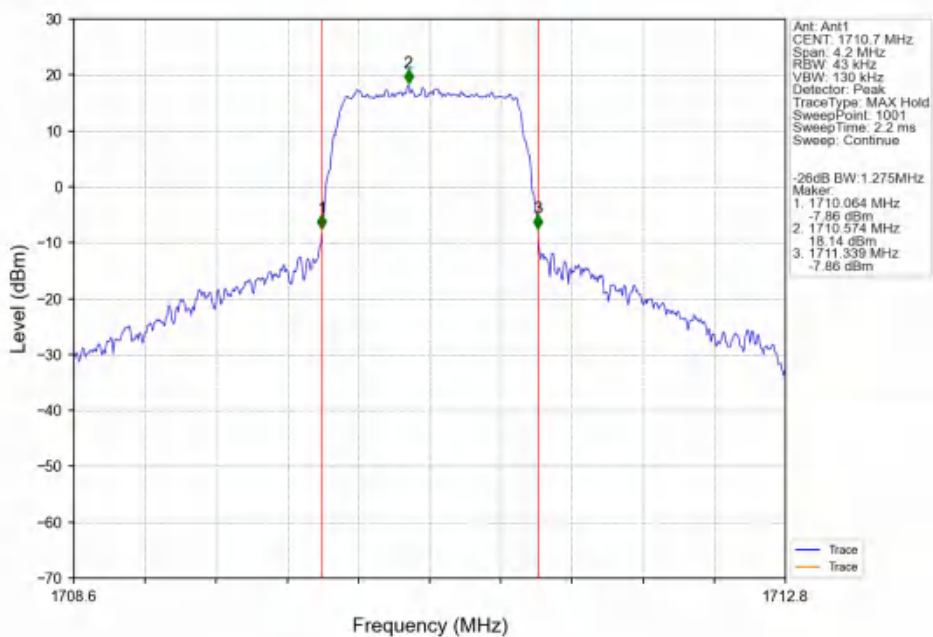
4.2.2 Band4_XDB



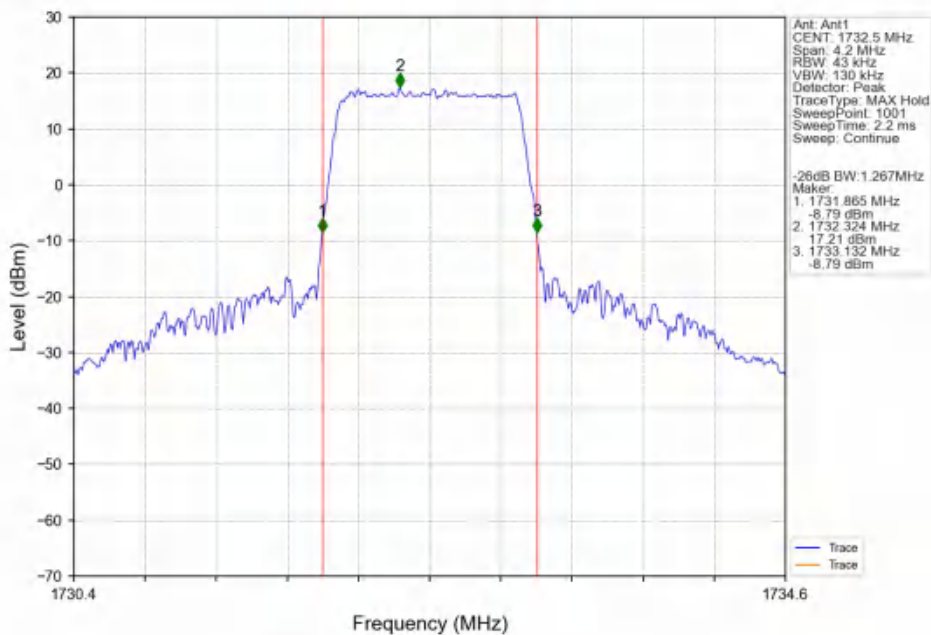
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



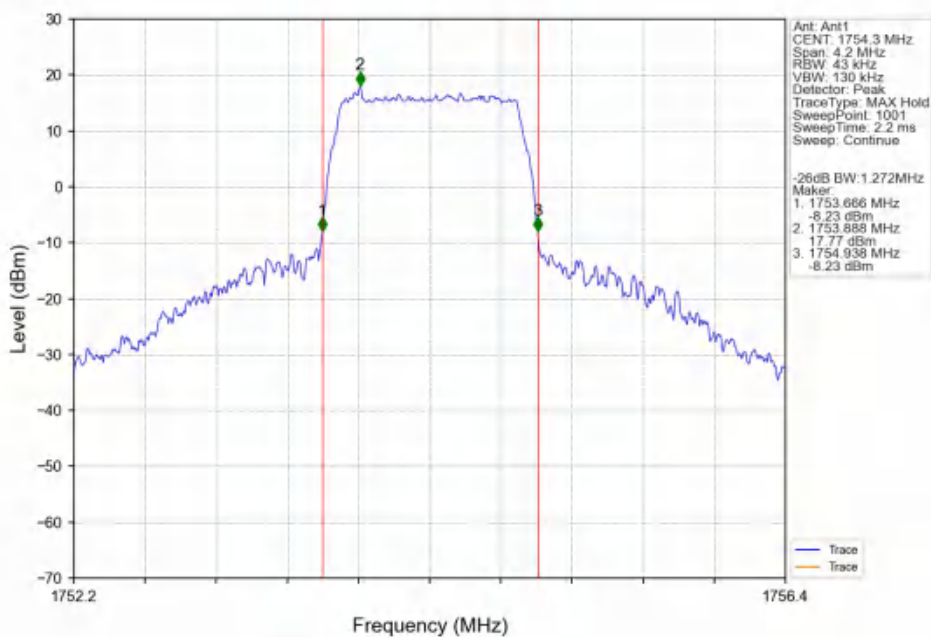
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



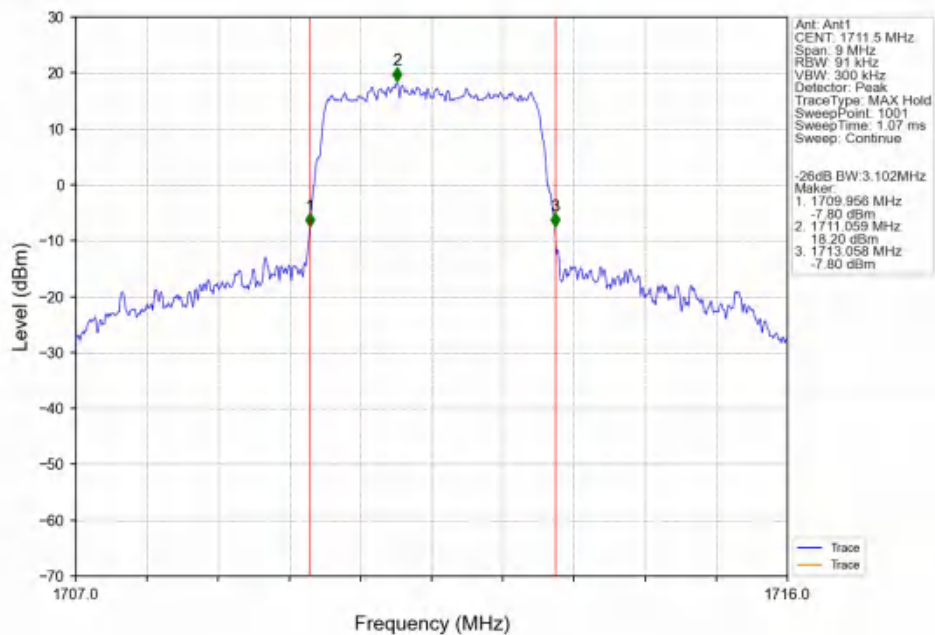
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



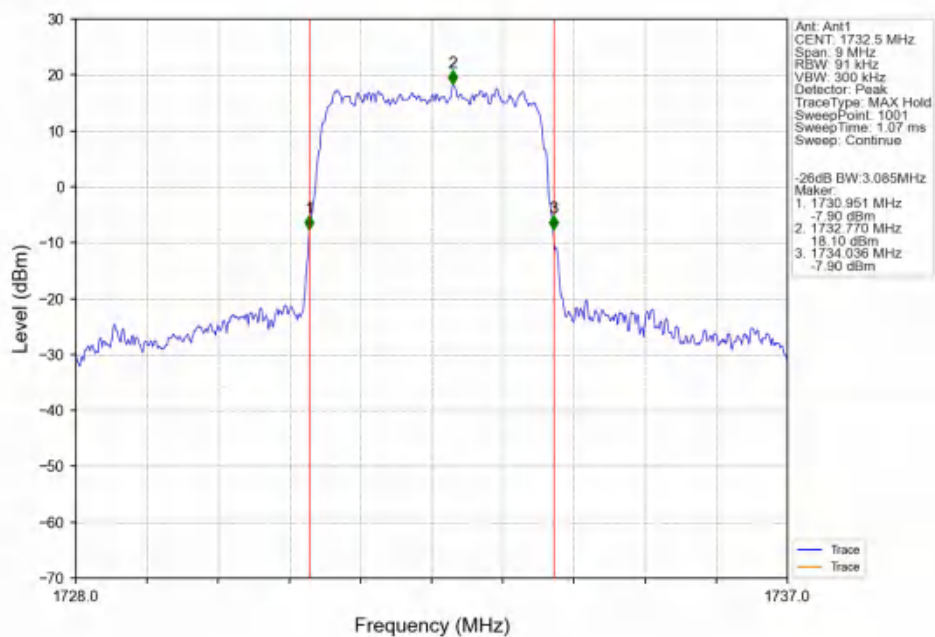
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



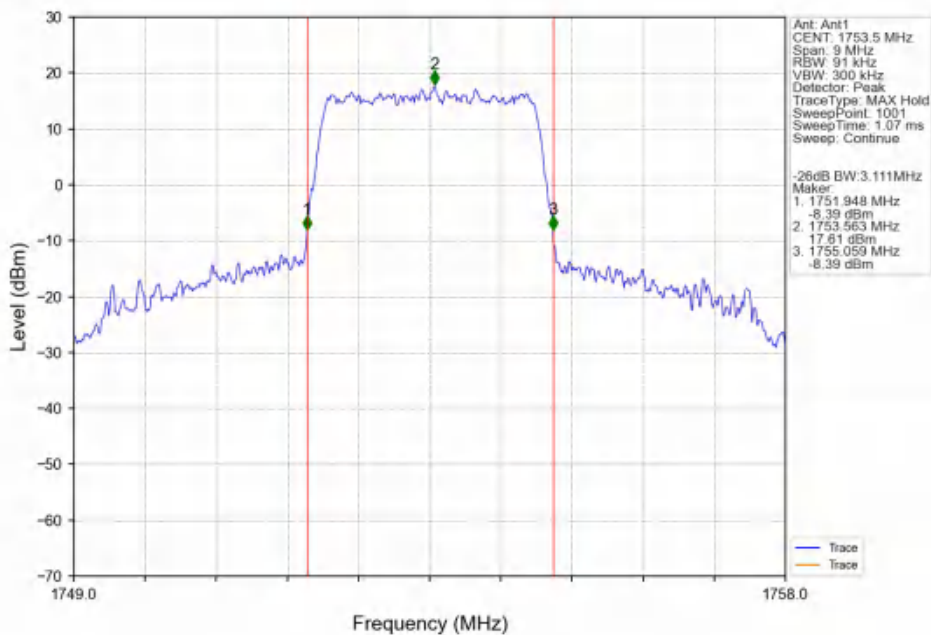
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



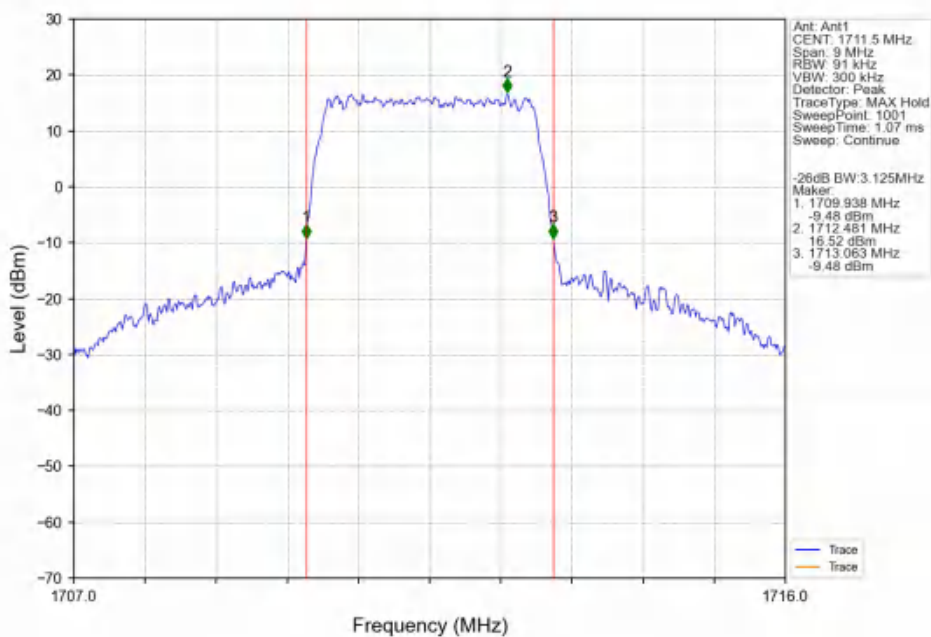
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



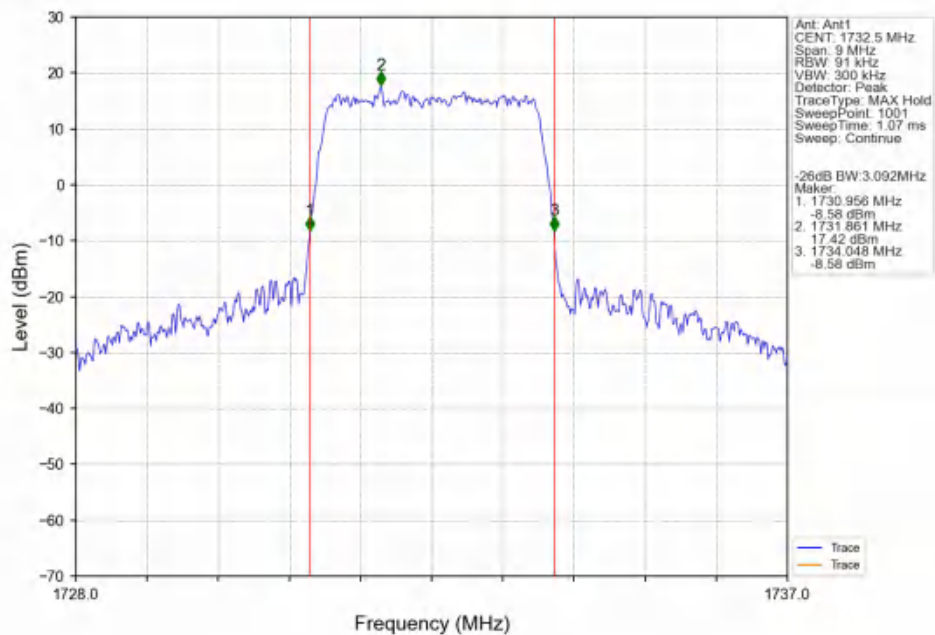
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



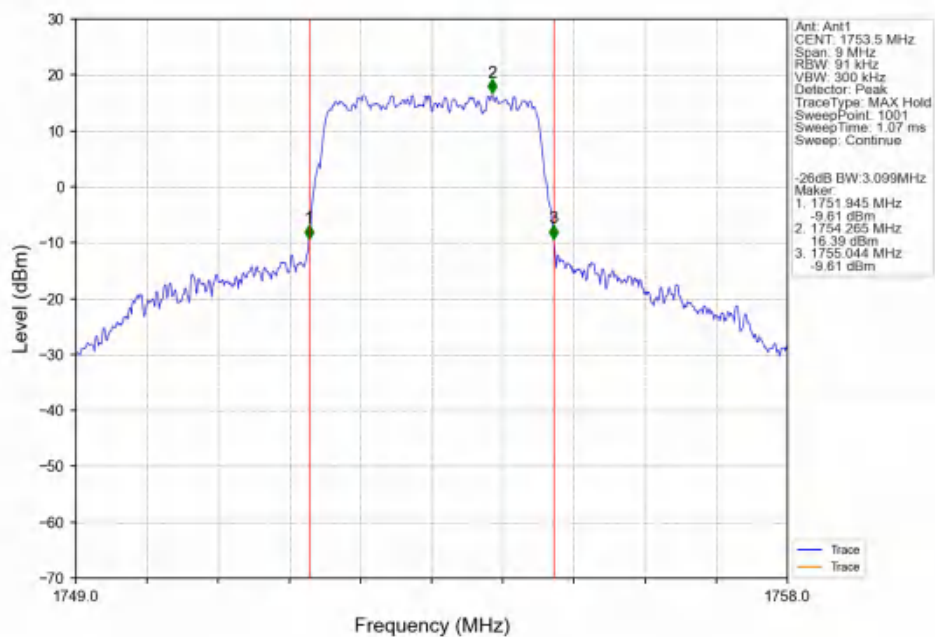
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



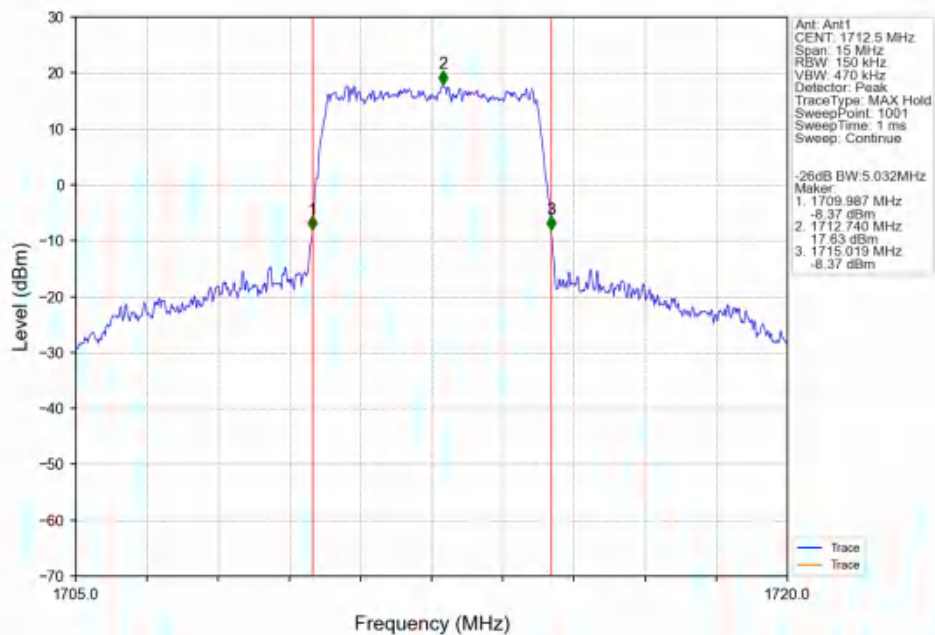
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



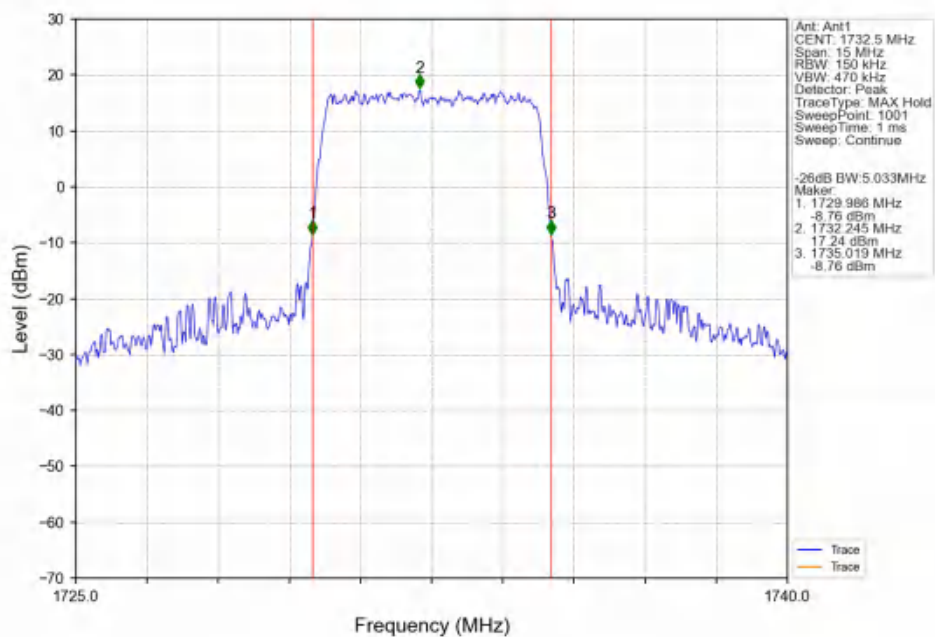
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV



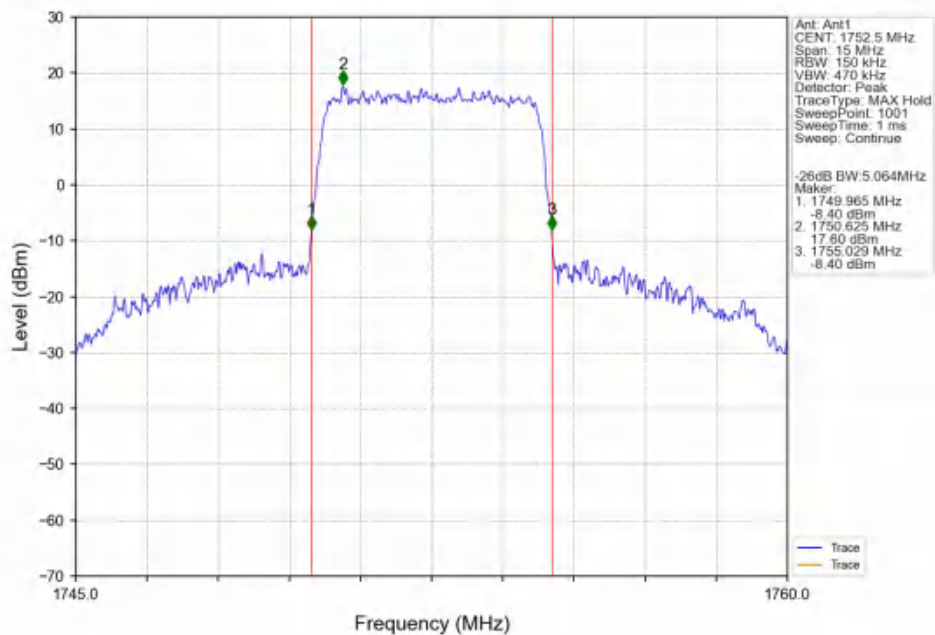
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



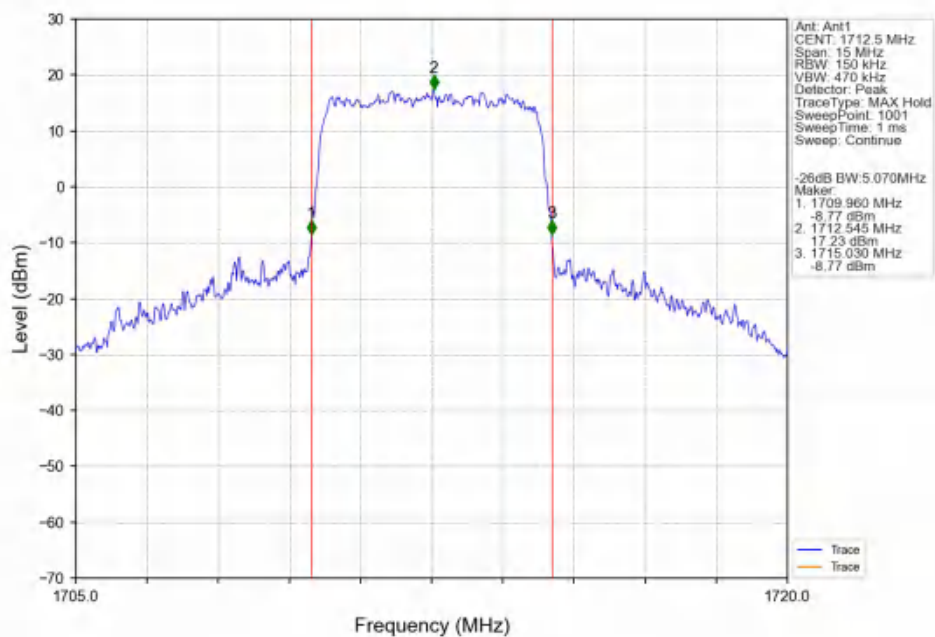
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



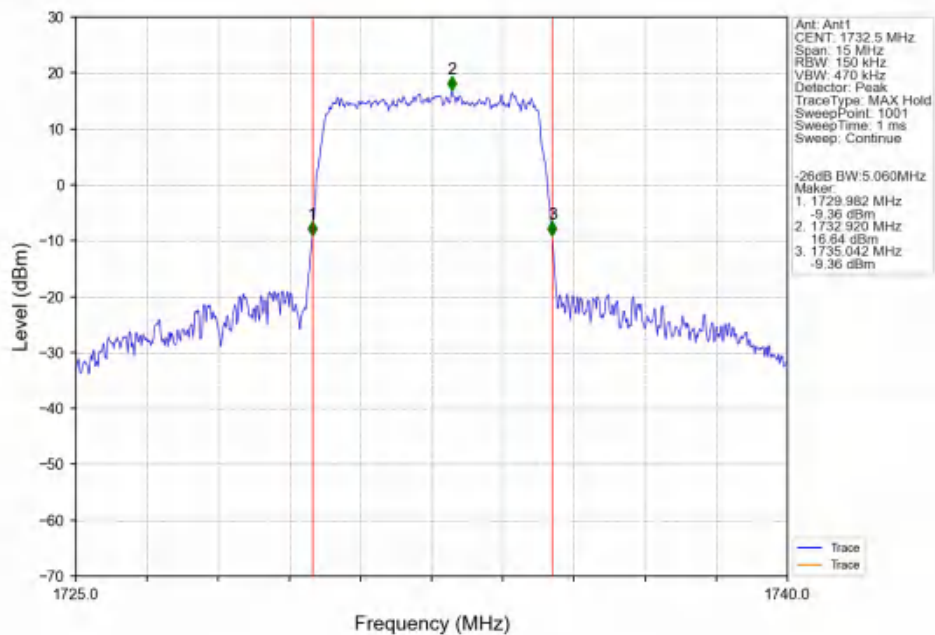
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



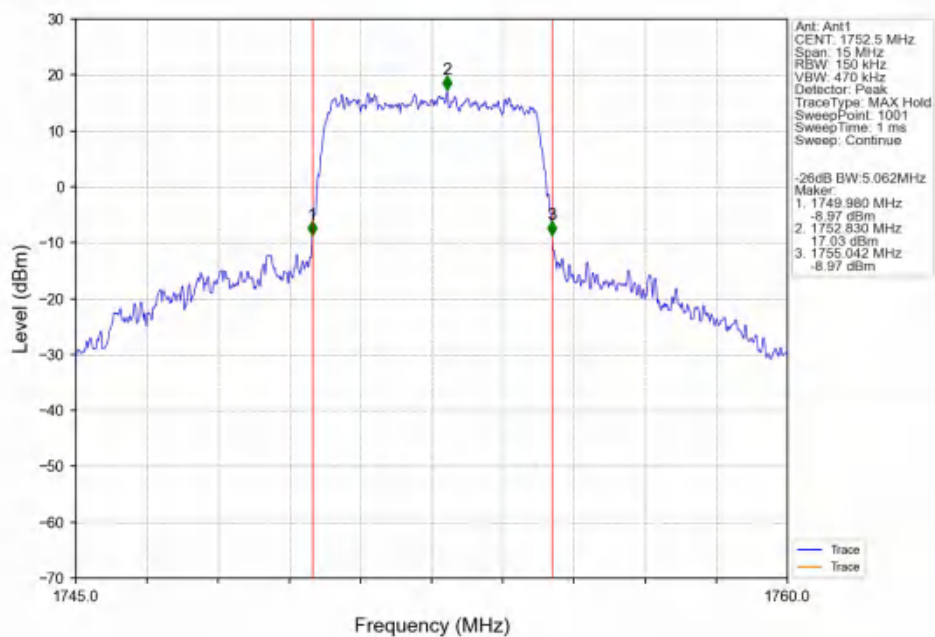
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



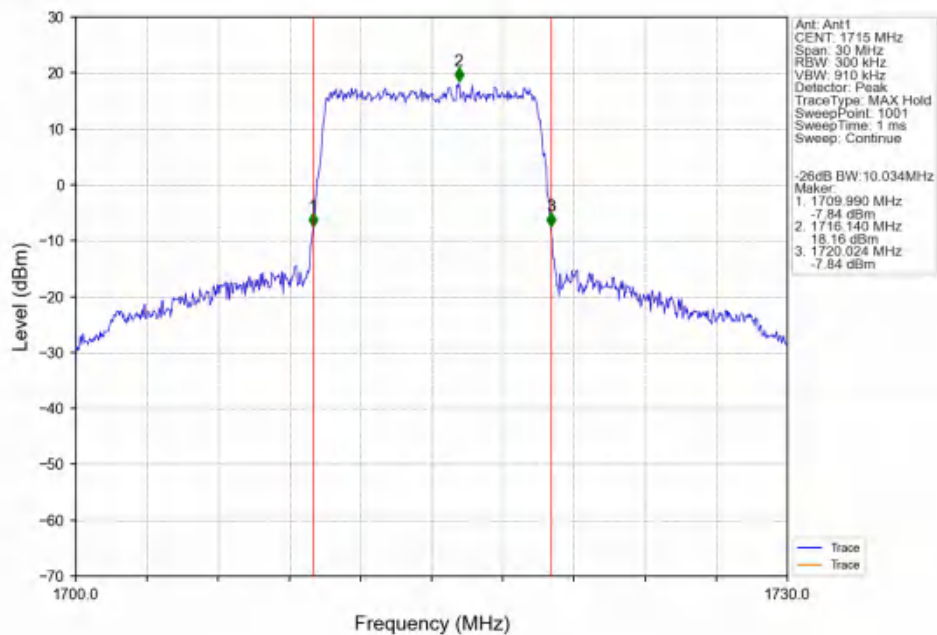
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



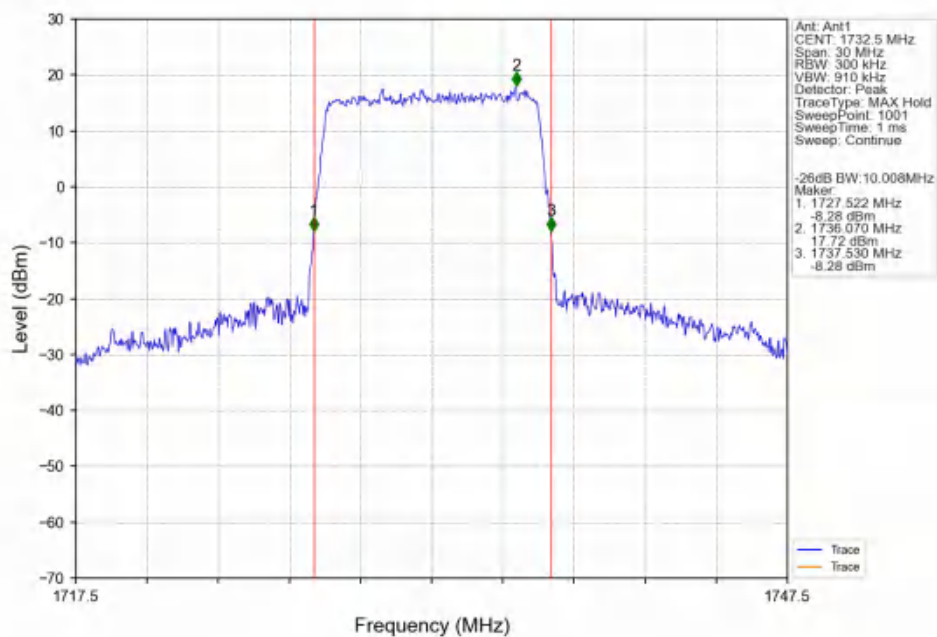
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTV



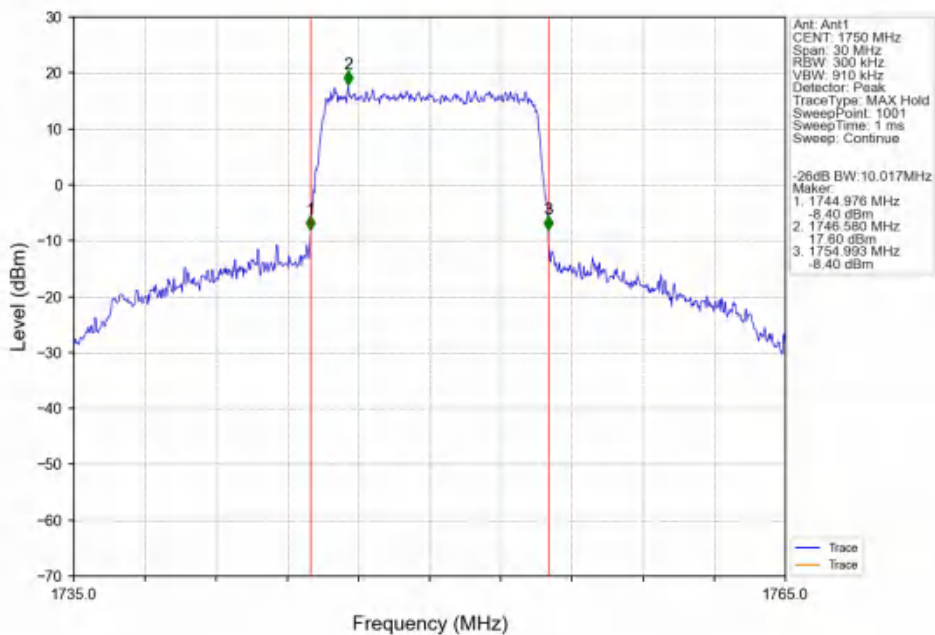
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



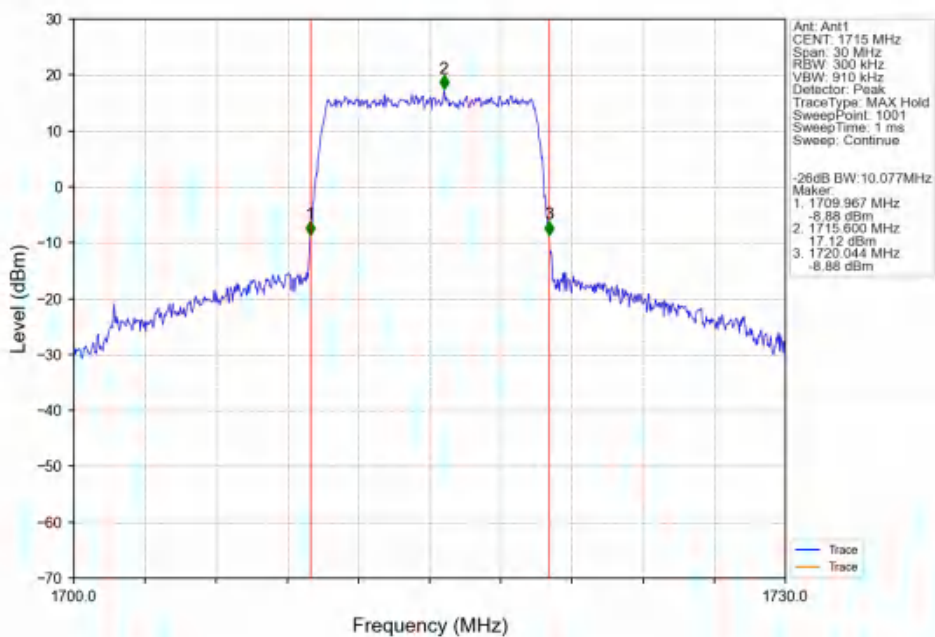
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



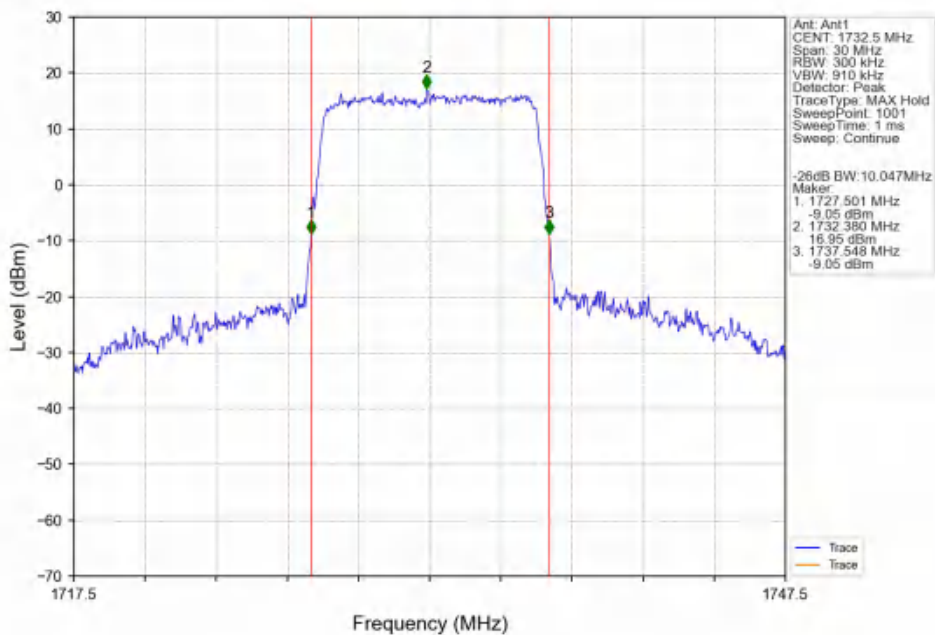
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



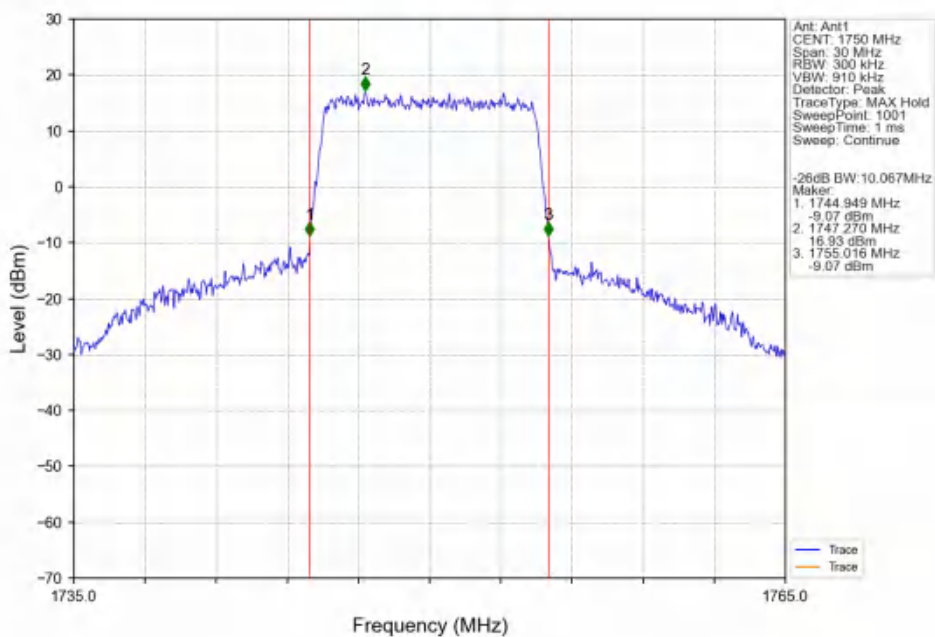
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



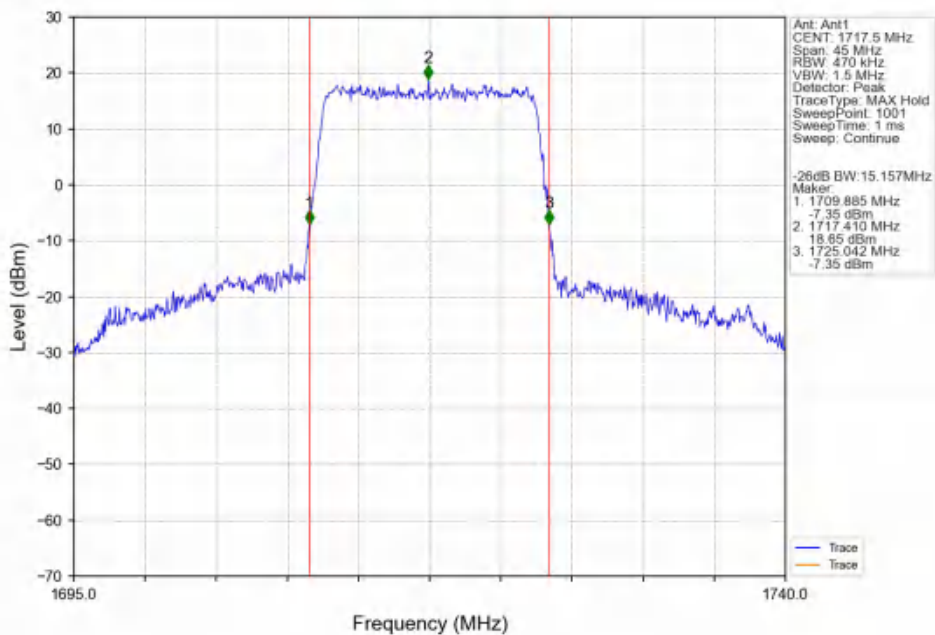
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



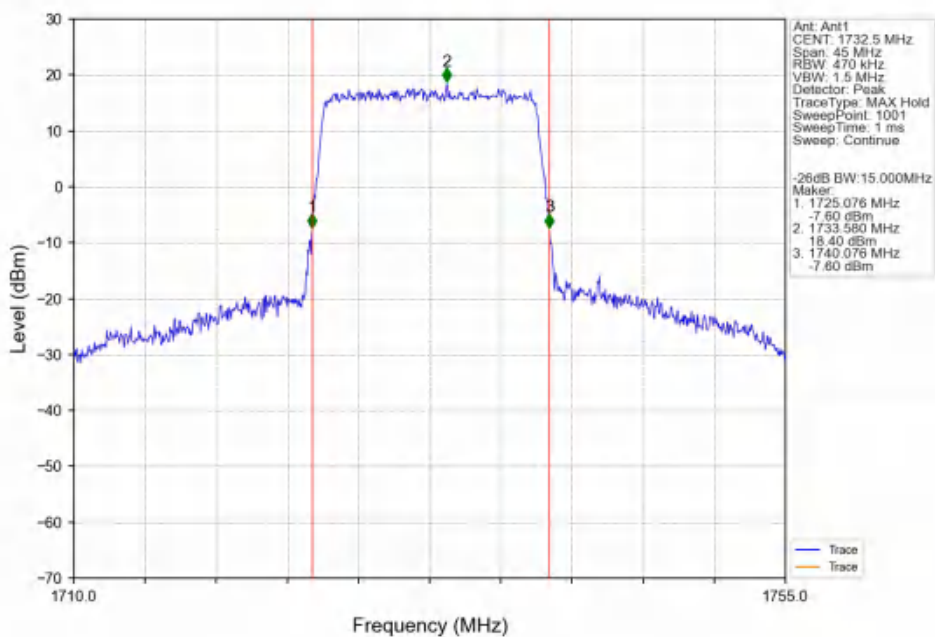
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



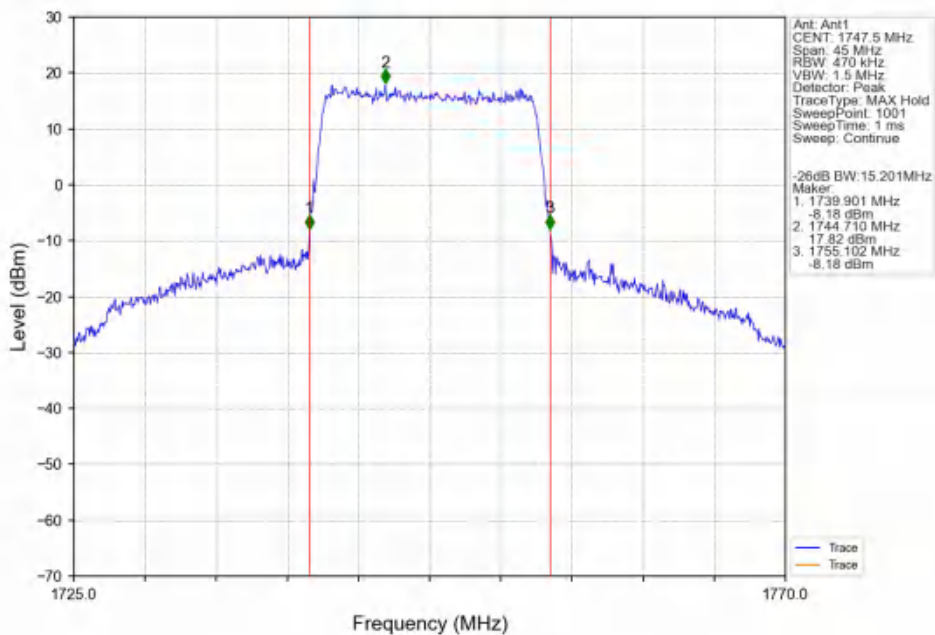
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



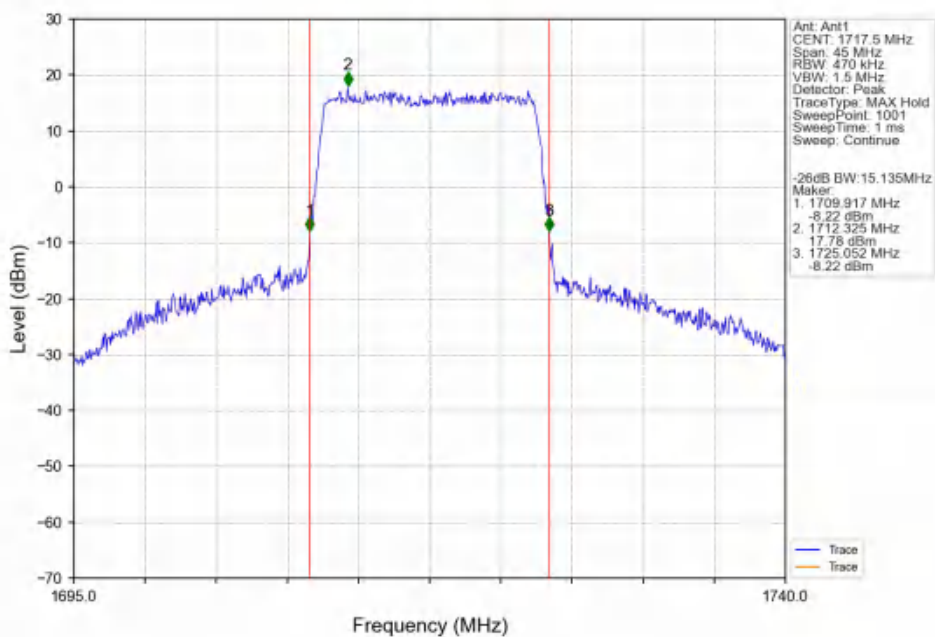
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



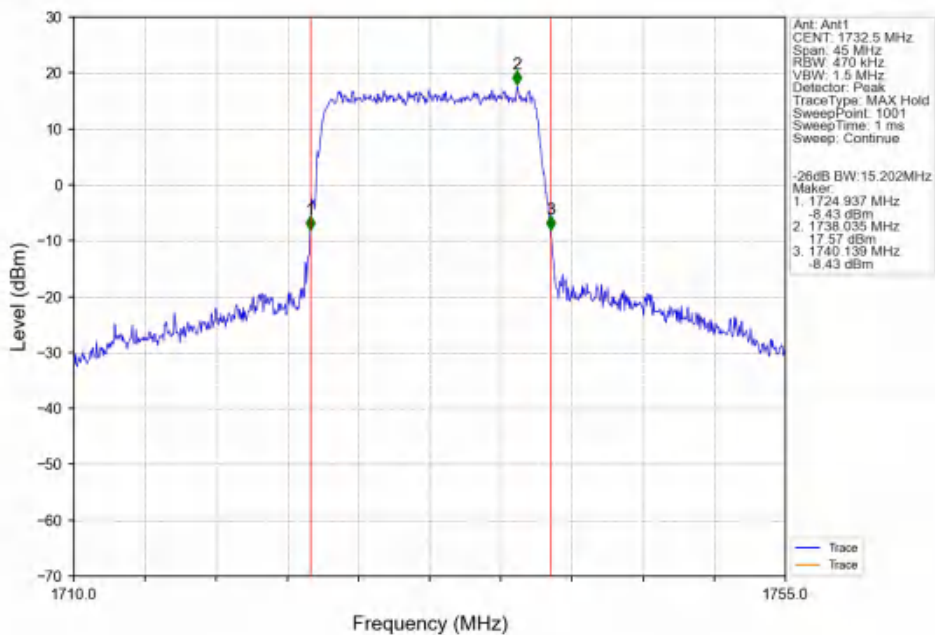
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



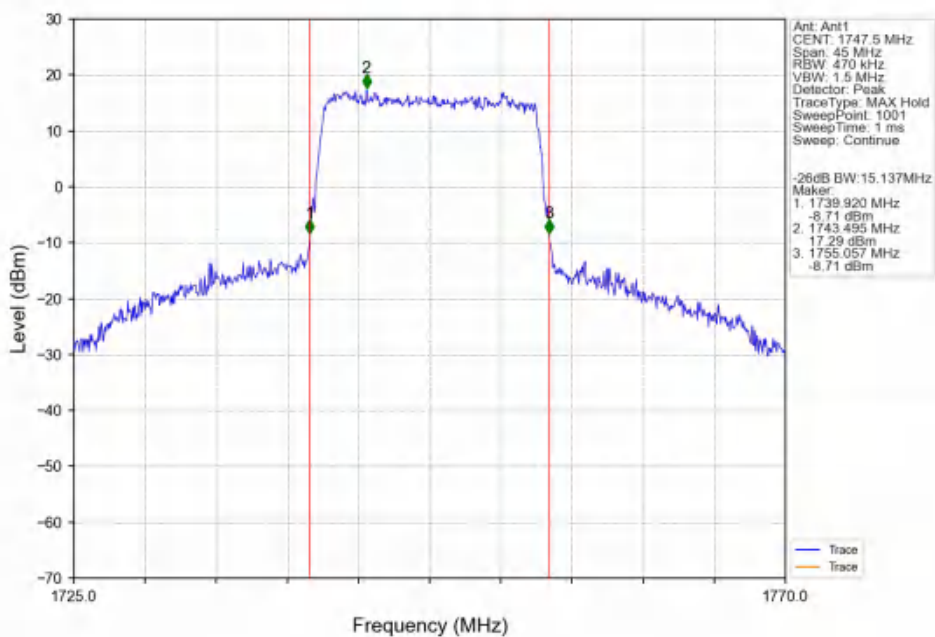
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



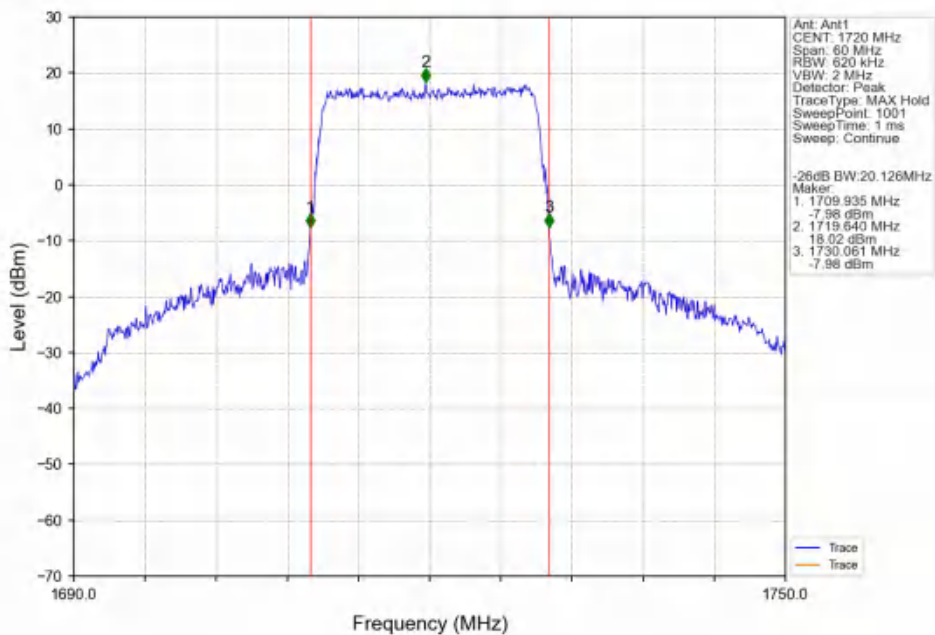
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



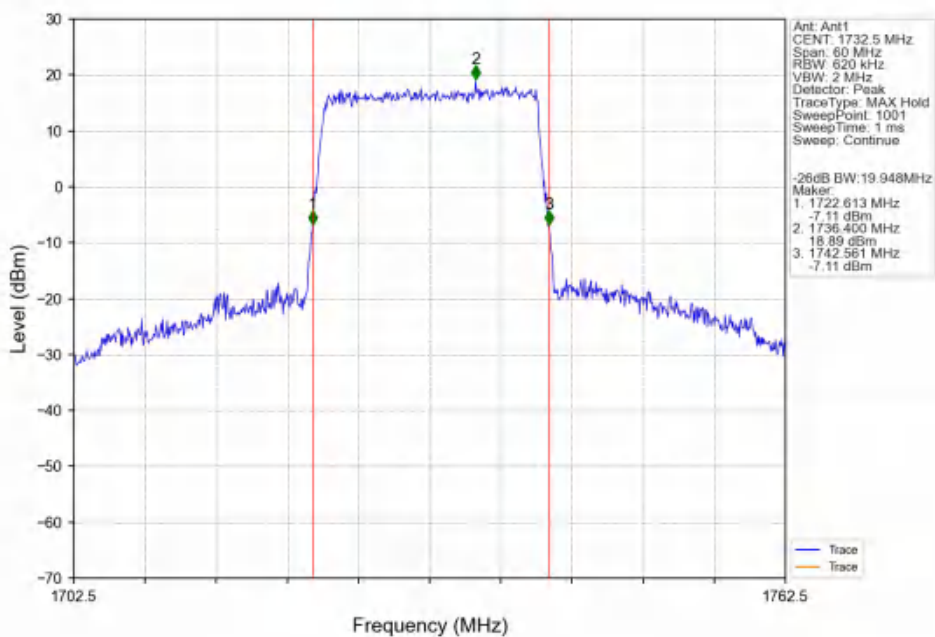
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



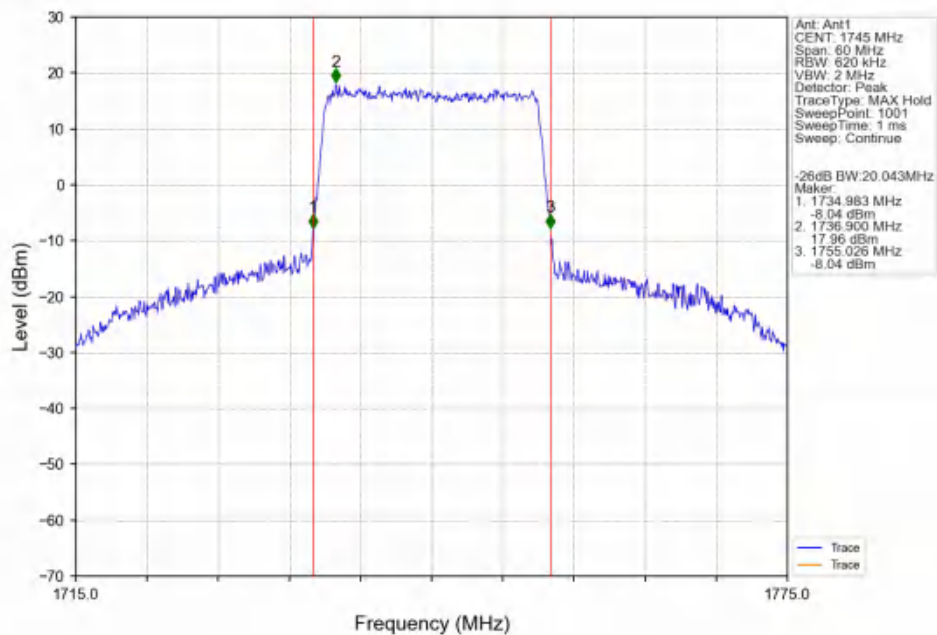
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



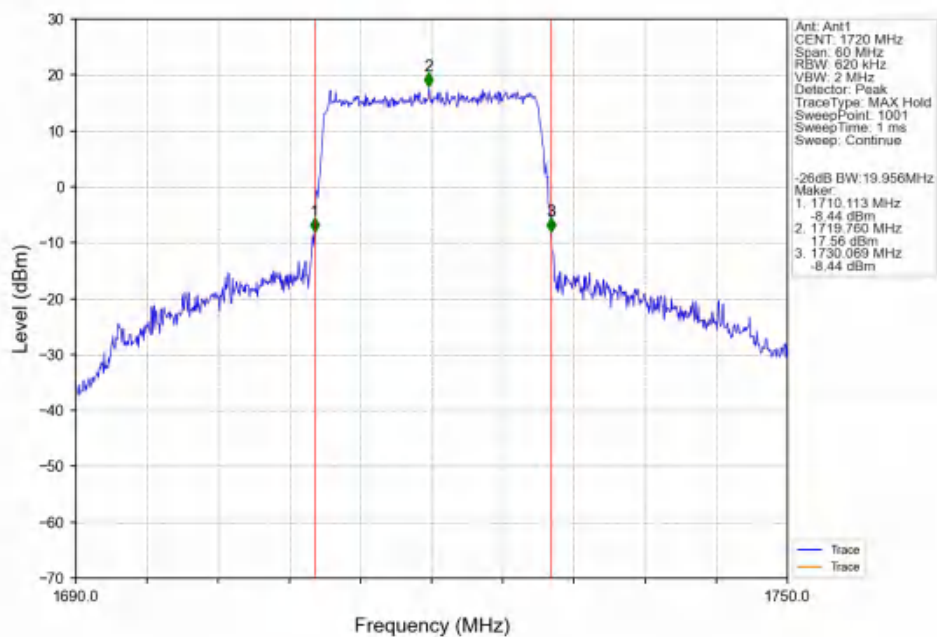
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



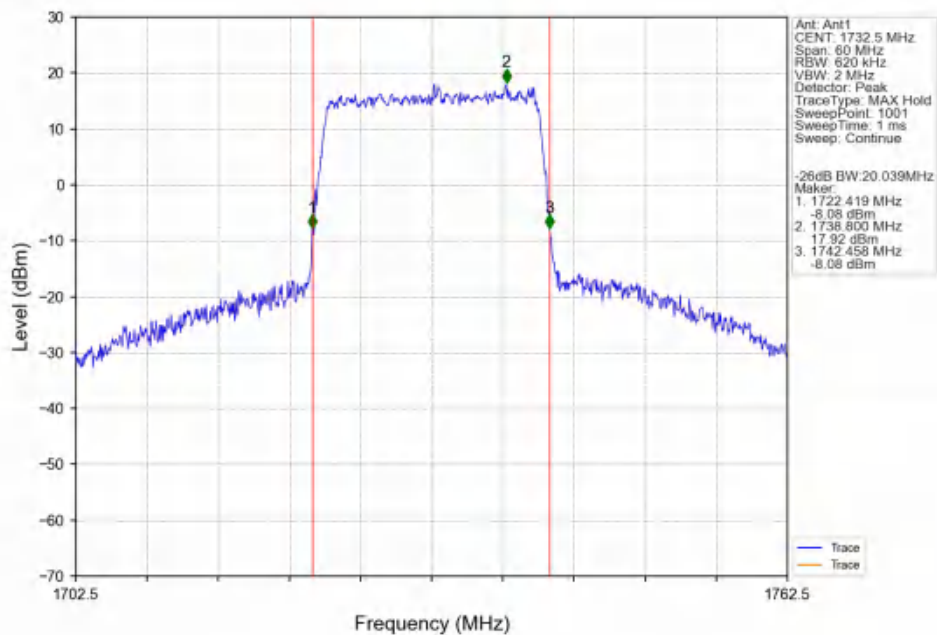
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



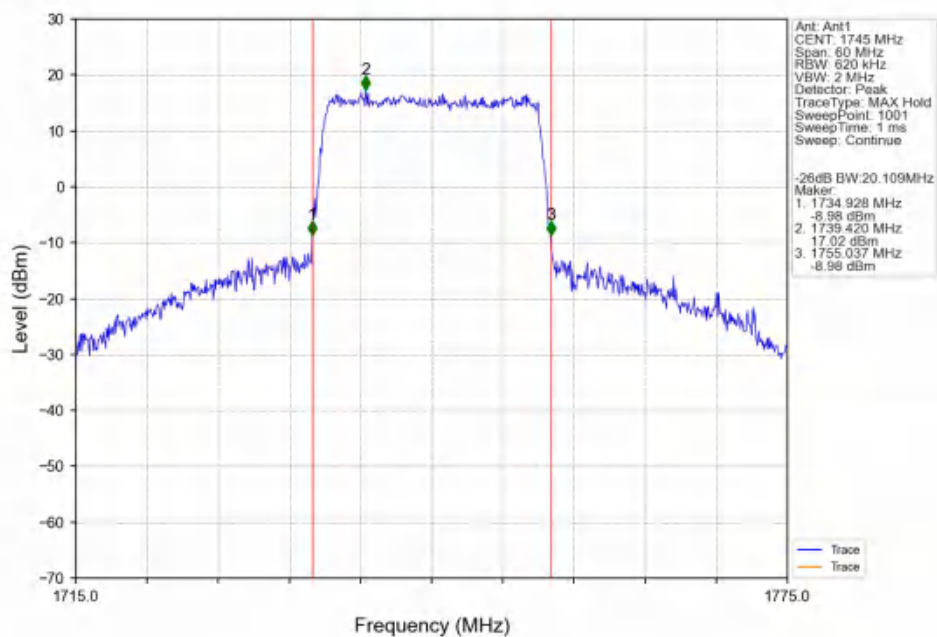
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



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	4.39	<=13	Pass
	1732.5	6	0	4.98	<=13	Pass
	1754.3	6	0	4.37	<=13	Pass
16QAM	1710.7	6	0	5.13	<=13	Pass
	1732.5	6	0	5.77	<=13	Pass
	1754.3	6	0	5.16	<=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	4.56	<=13	Pass
	1732.5	15	0	5.06	<=13	Pass
	1753.5	15	0	4.53	<=13	Pass
16QAM	1711.5	15	0	5.34	<=13	Pass
	1732.5	15	0	5.91	<=13	Pass
	1753.5	15	0	5.30	<=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	4.89	<=13	Pass
	1732.5	25	0	5.30	<=13	Pass
	1752.5	25	0	4.86	<=13	Pass
16QAM	1712.5	25	0	5.59	<=13	Pass
	1732.5	25	0	6.07	<=13	Pass
	1752.5	25	0	5.50	<=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	5.15	<=13	Pass
	1732.5	50	0	5.32	<=13	Pass
	1750	50	0	4.84	<=13	Pass
16QAM	1715	50	0	5.91	<=13	Pass
	1732.5	50	0	6.11	<=13	Pass

	1750	50	0	5.57	<=13	Pass
--	------	----	---	------	------	------

5.1.5 B4_15MHz

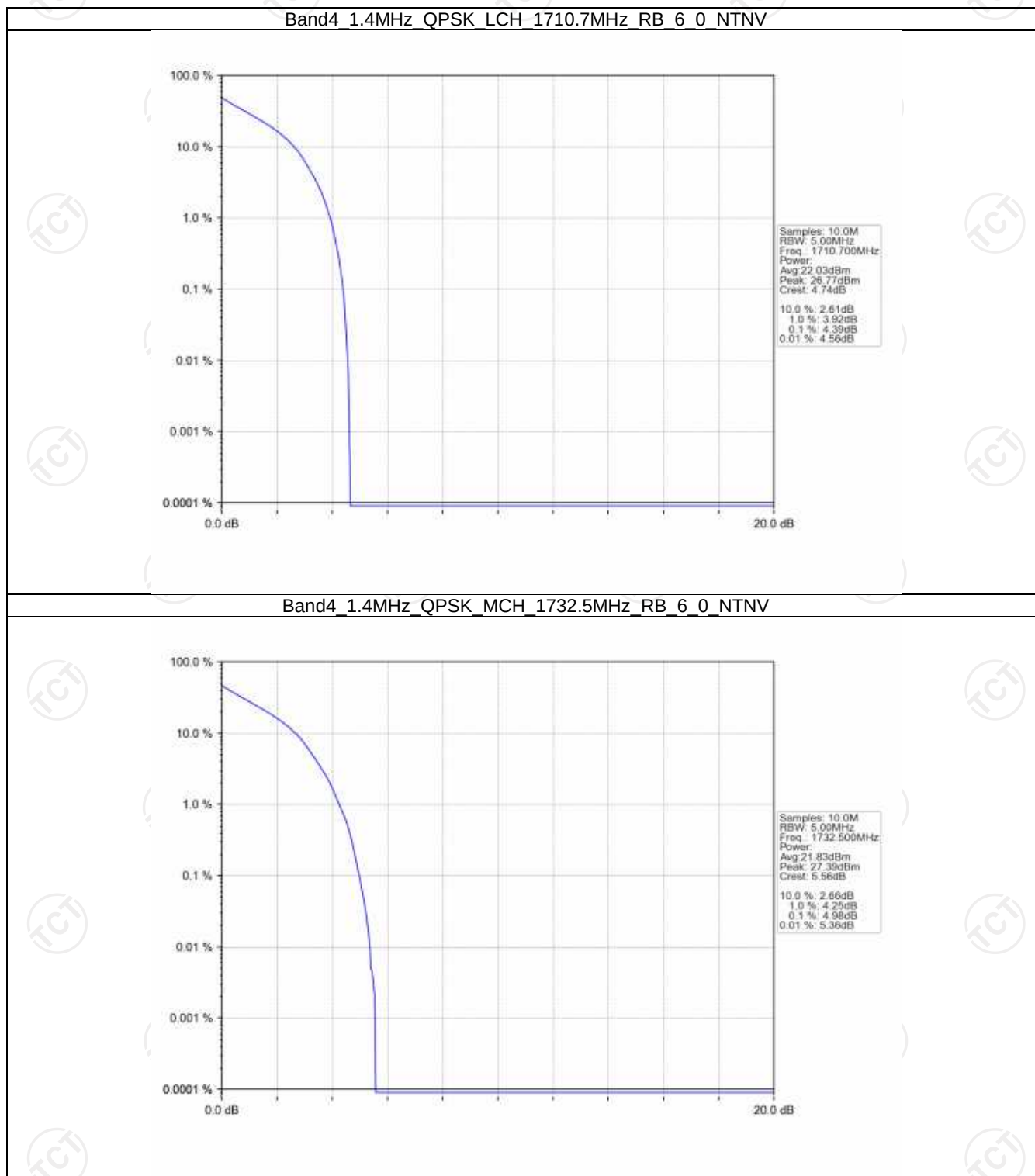
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.35	<=13	Pass
	1732.5	75	0	5.40	<=13	Pass
	1747.5	75	0	4.83	<=13	Pass
16QAM	1717.5	75	0	5.90	<=13	Pass
	1732.5	75	0	5.99	<=13	Pass
	1747.5	75	0	5.46	<=13	Pass

5.1.6 B4_20MHz

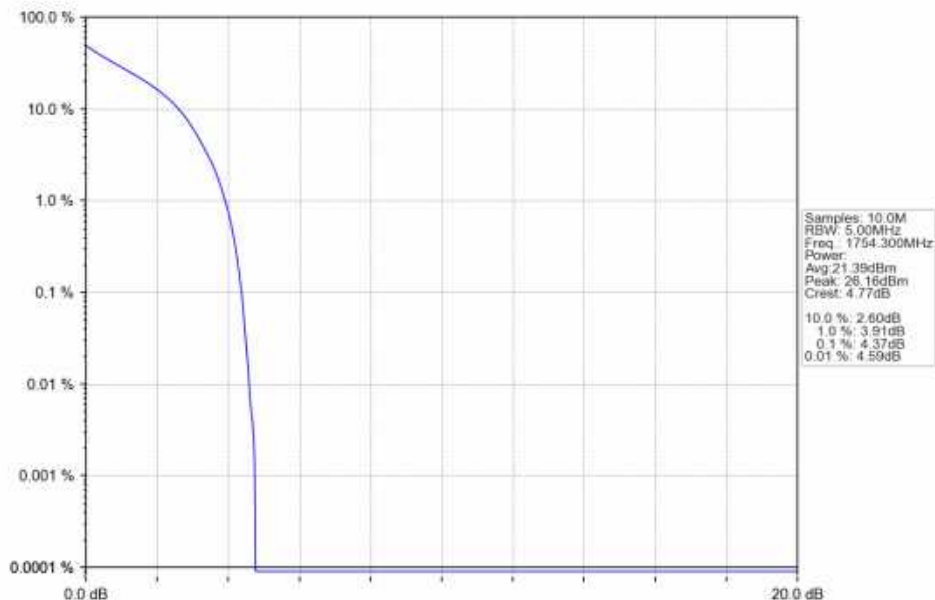
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.38	<=13	Pass
	1732.5	100	0	5.28	<=13	Pass
	1745	100	0	4.99	<=13	Pass
16QAM	1720	100	0	6.05	<=13	Pass
	1732.5	100	0	6.06	<=13	Pass
	1745	100	0	5.69	<=13	Pass

5.2 Test Graph

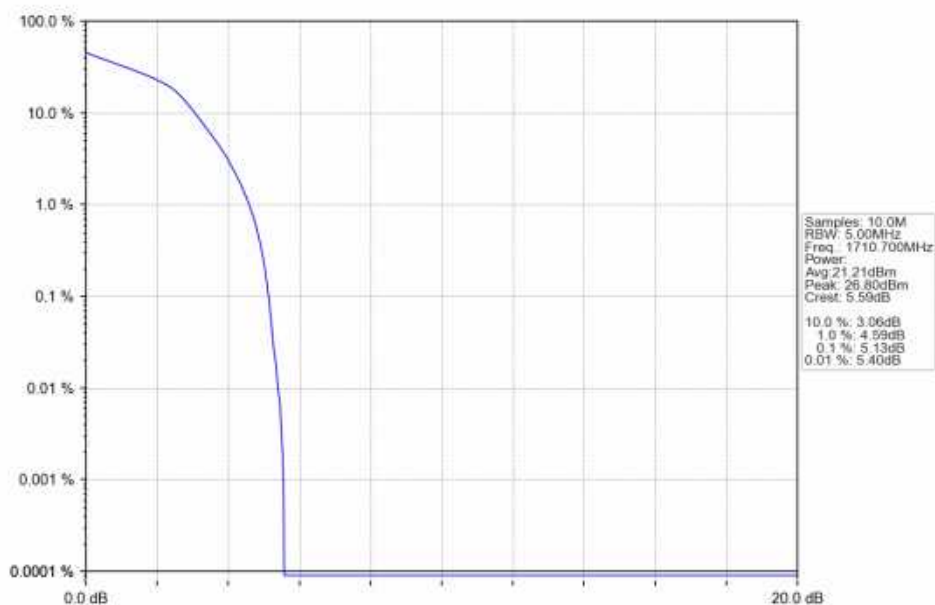
5.2.1 B4_1.4MHz



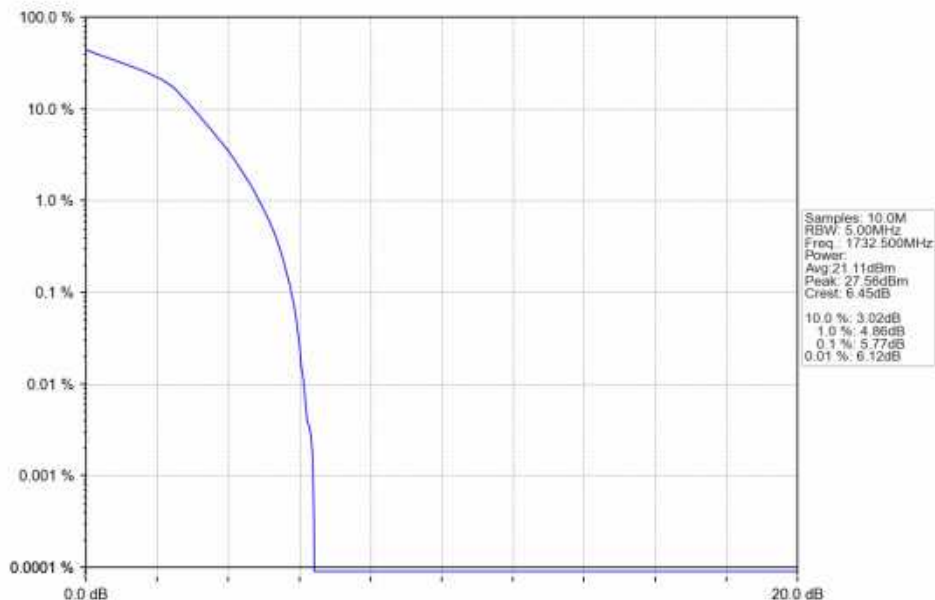
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



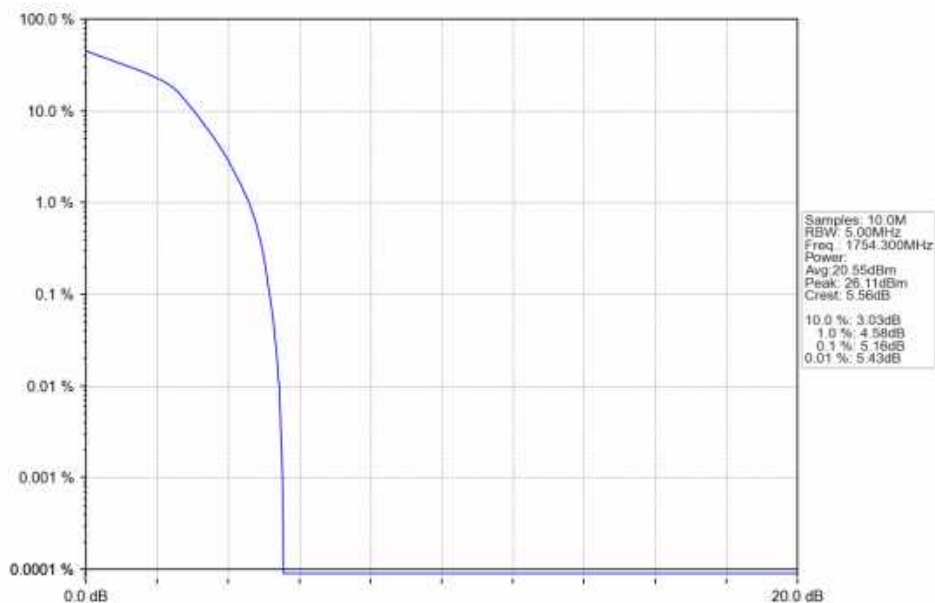
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



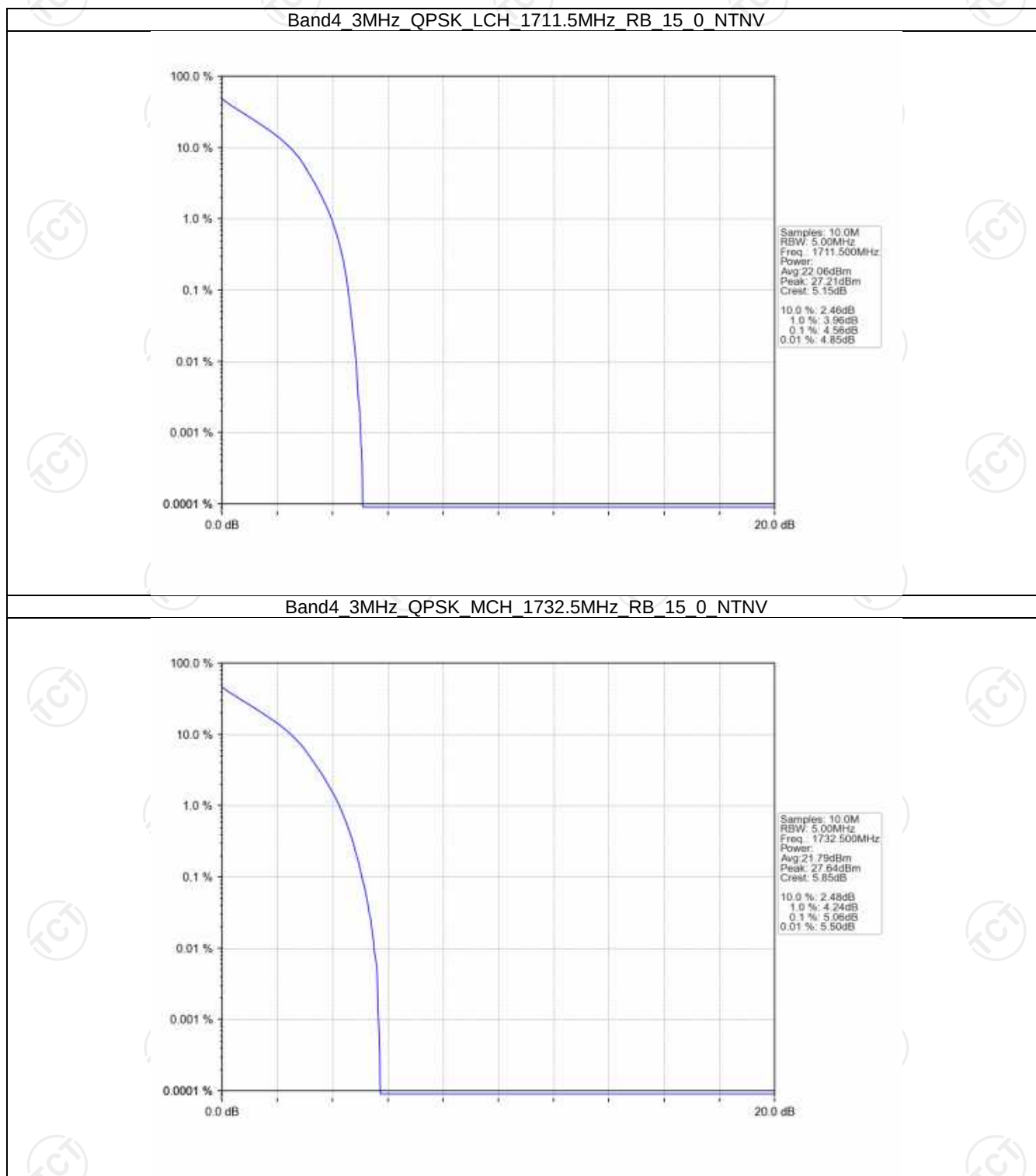
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



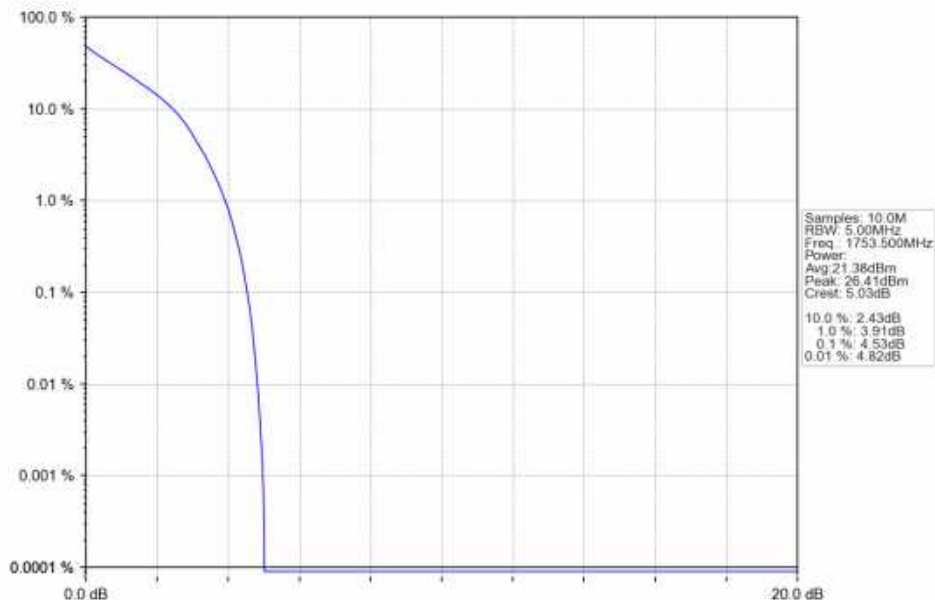
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



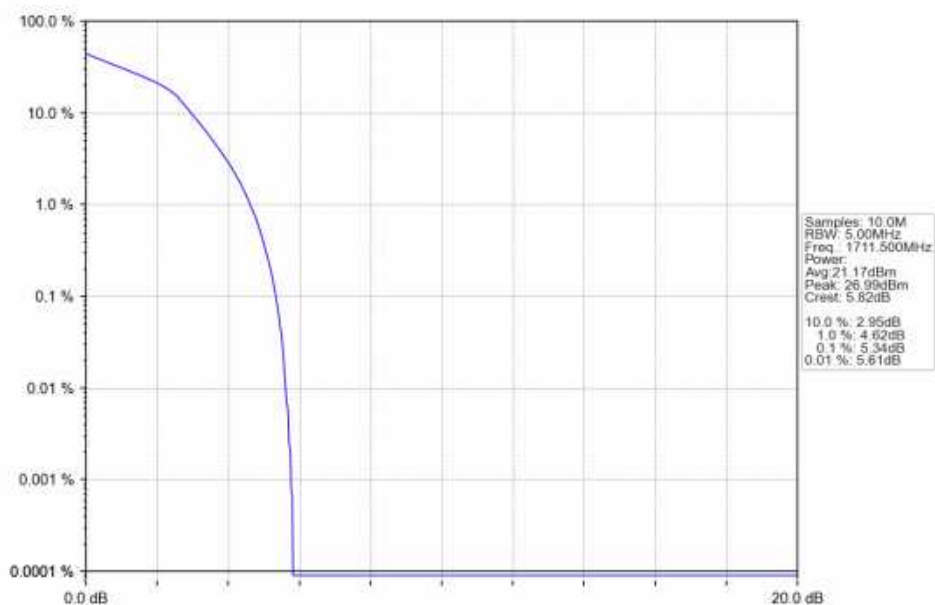
5.2.2 B4_3MHz



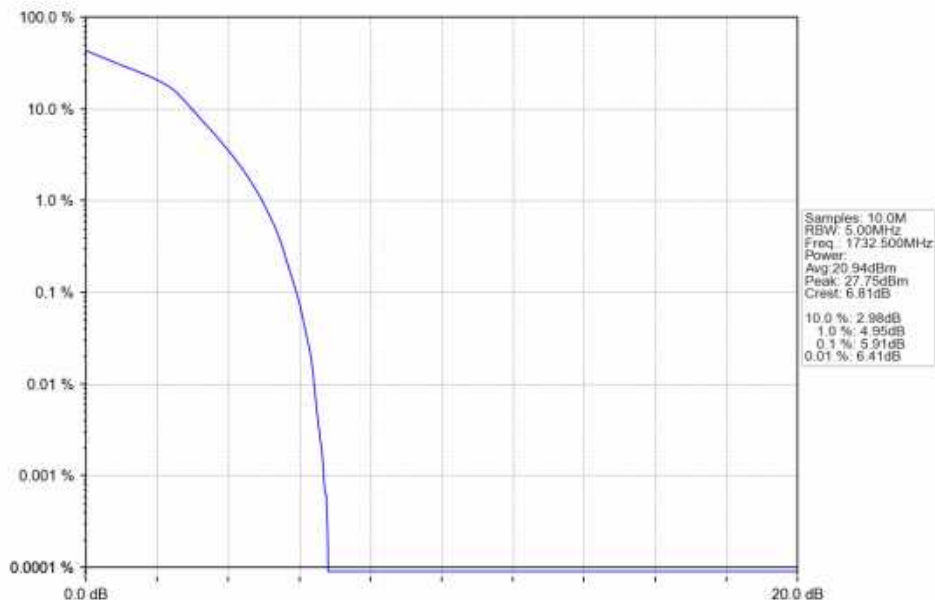
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



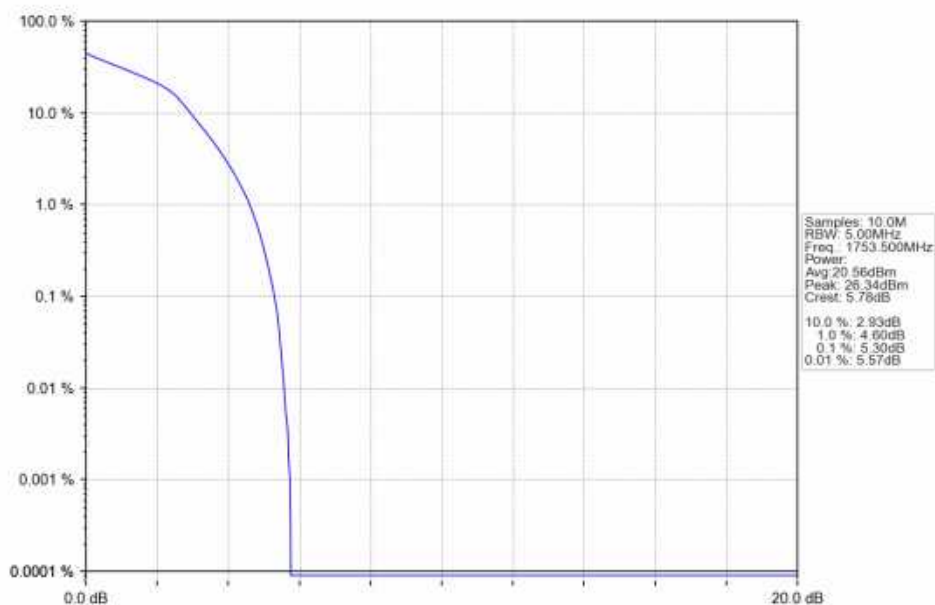
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



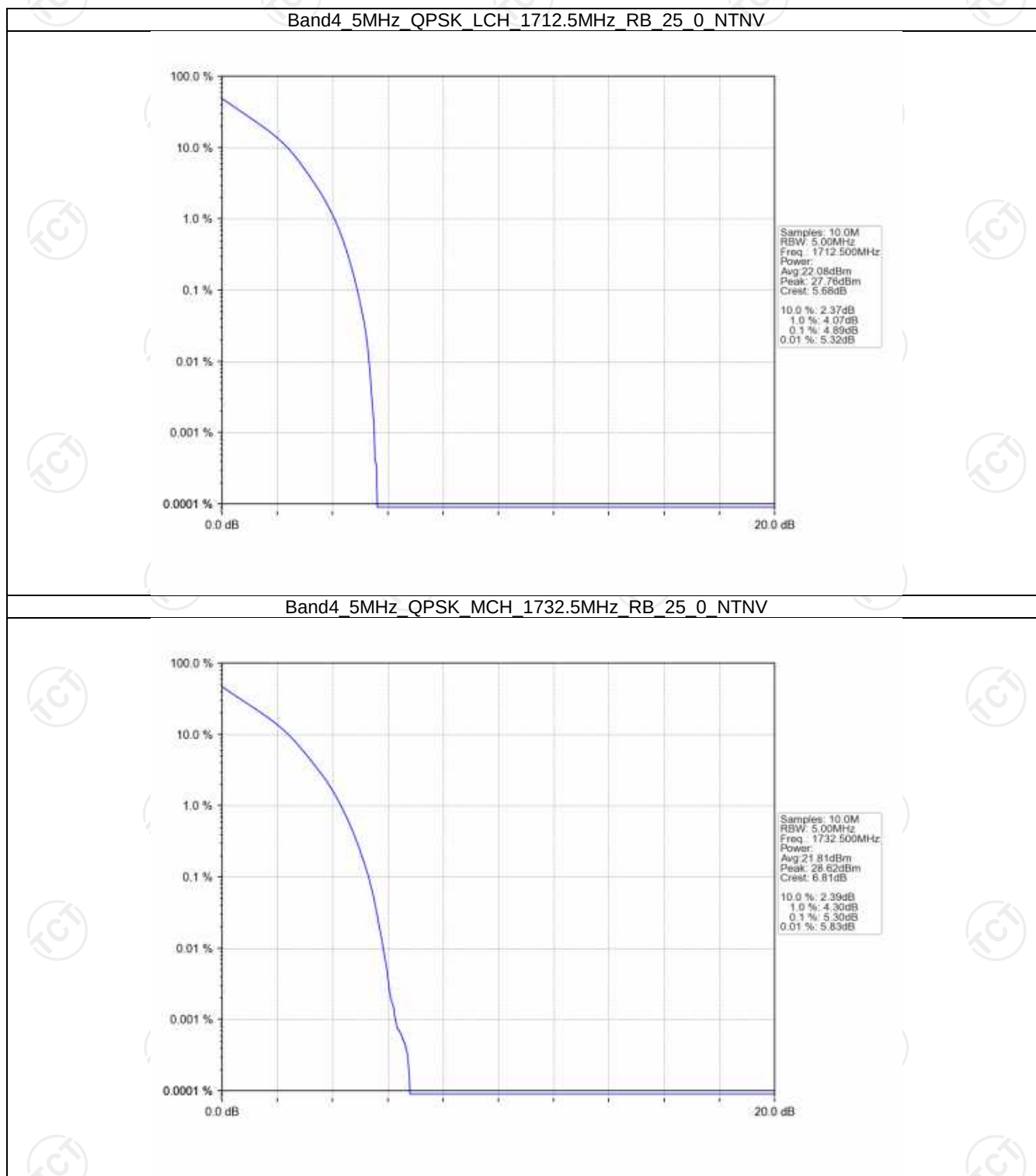
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



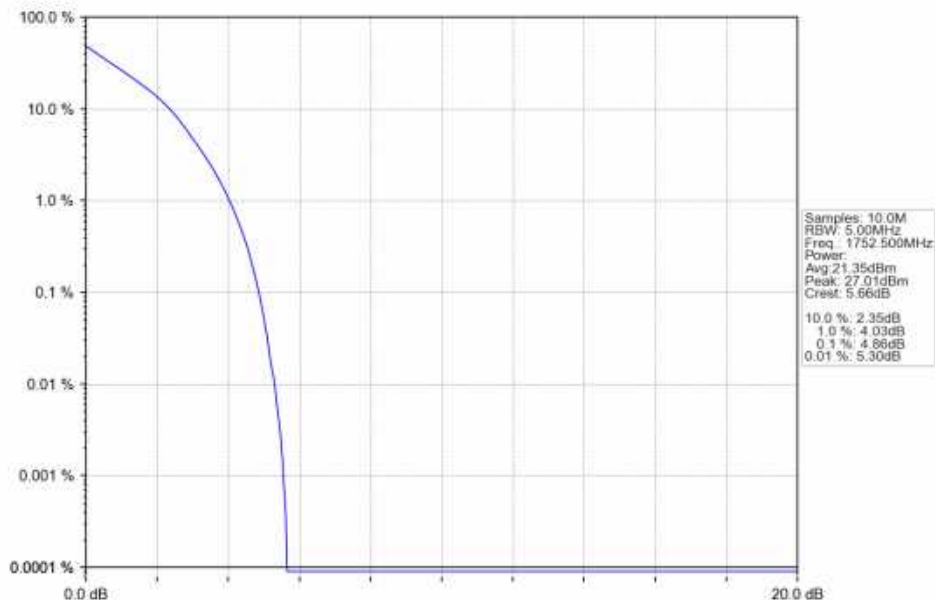
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



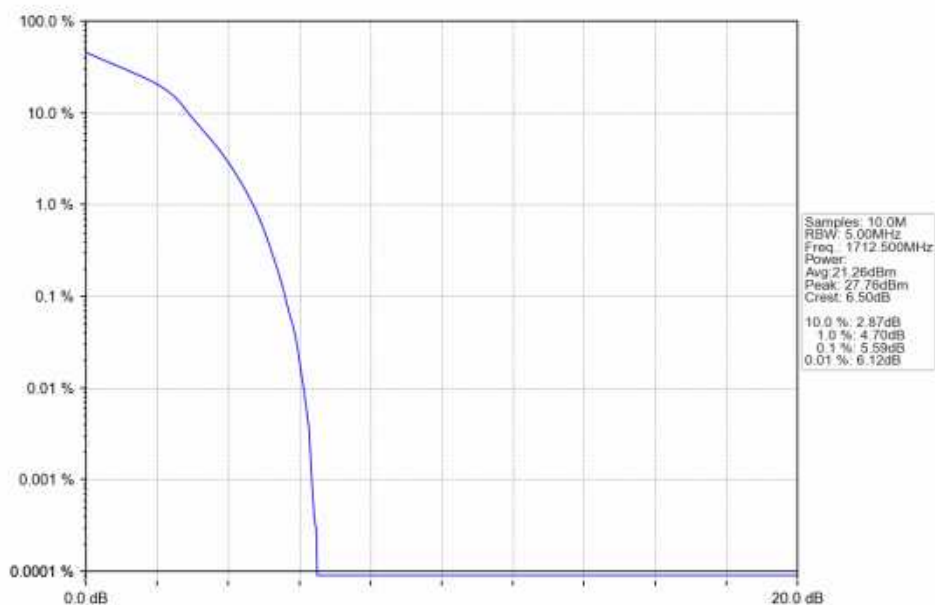
5.2.3 B4_5MHz



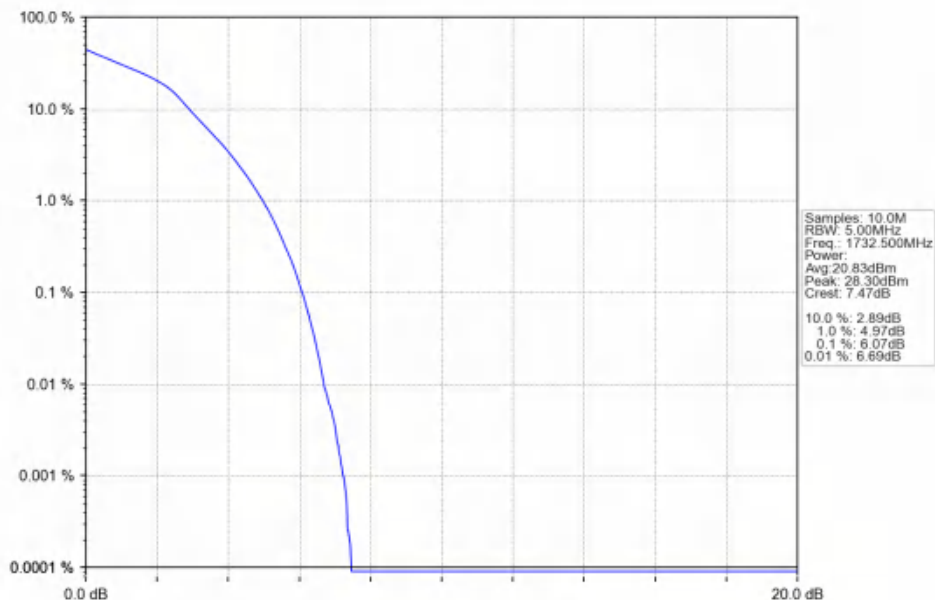
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



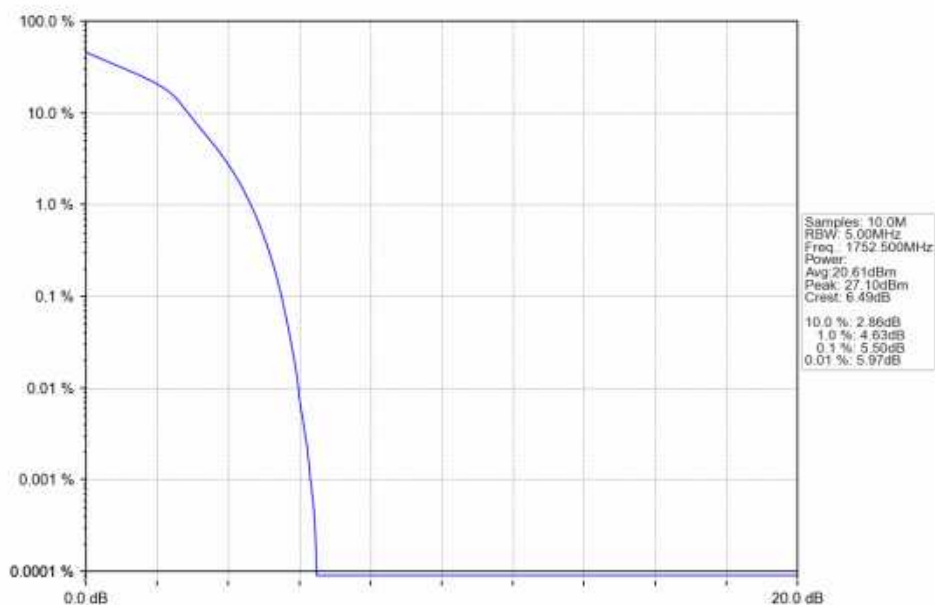
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV

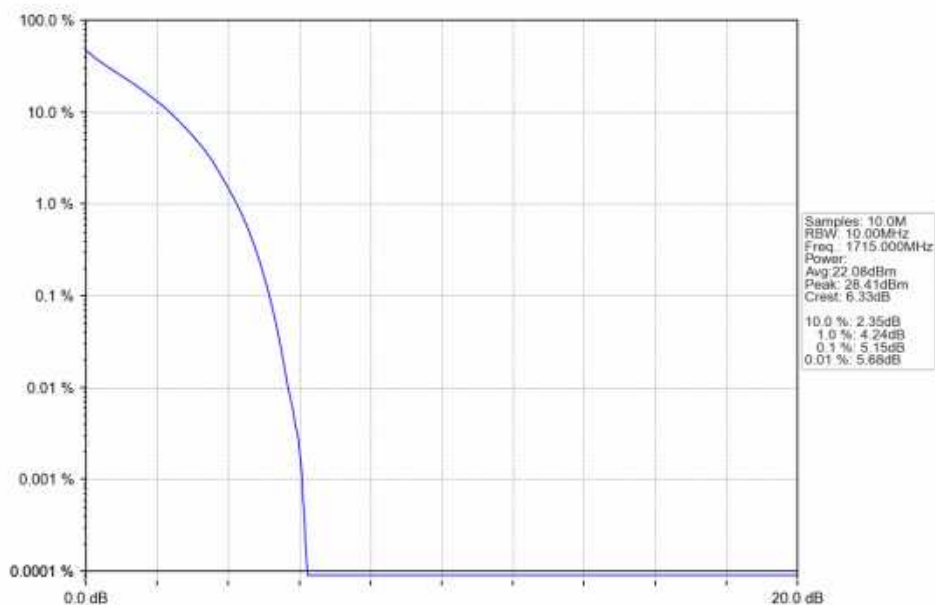


Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

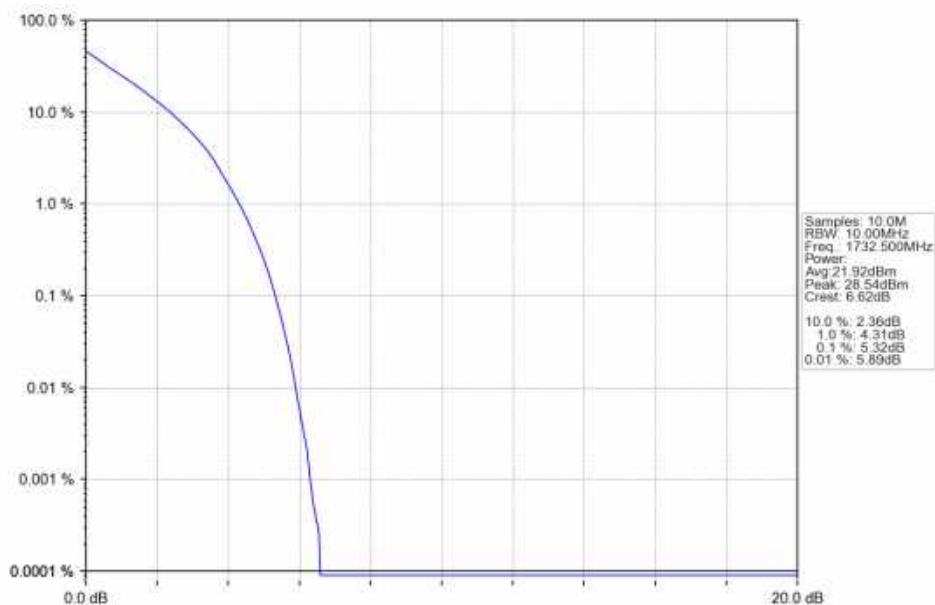


5.2.4 B4_10MHz

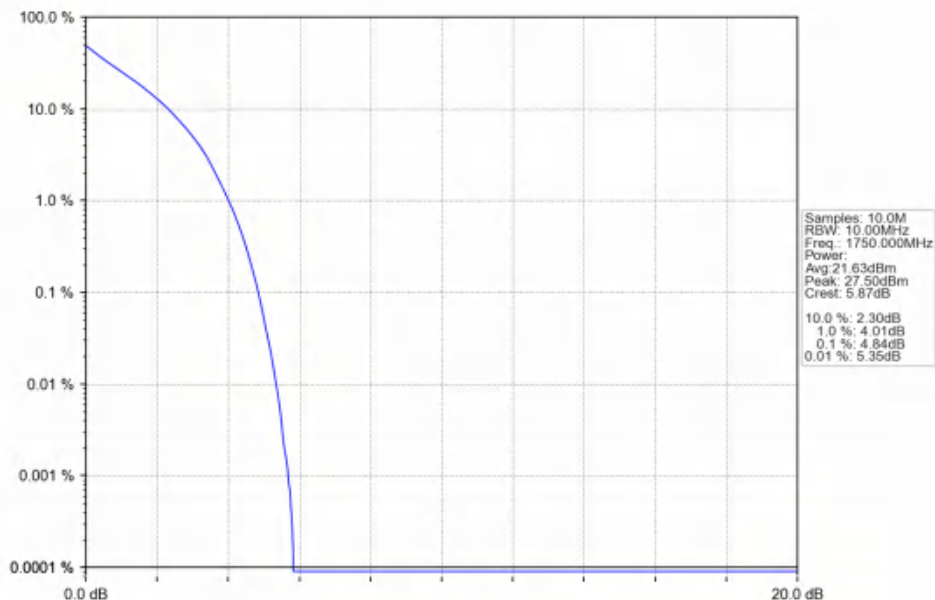
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



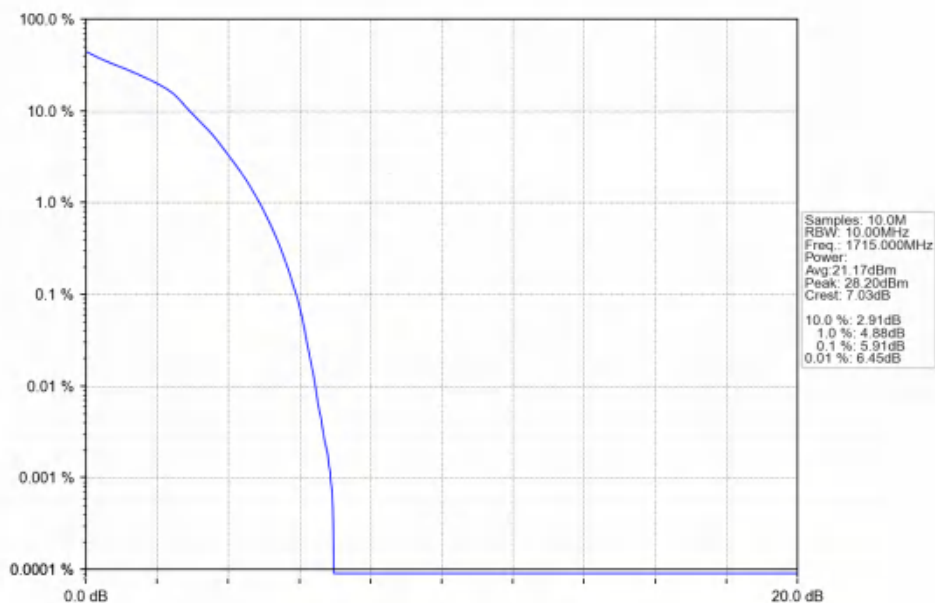
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



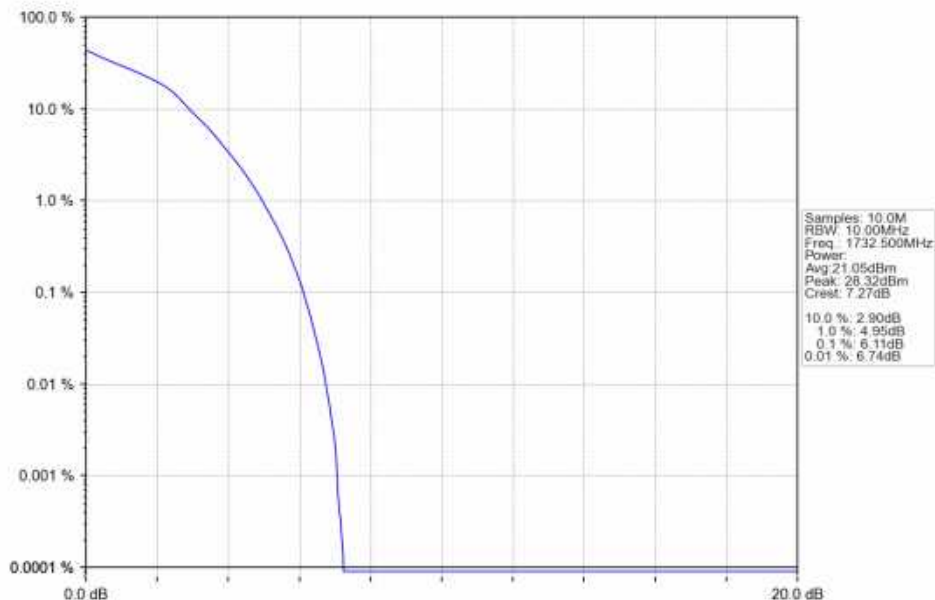
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



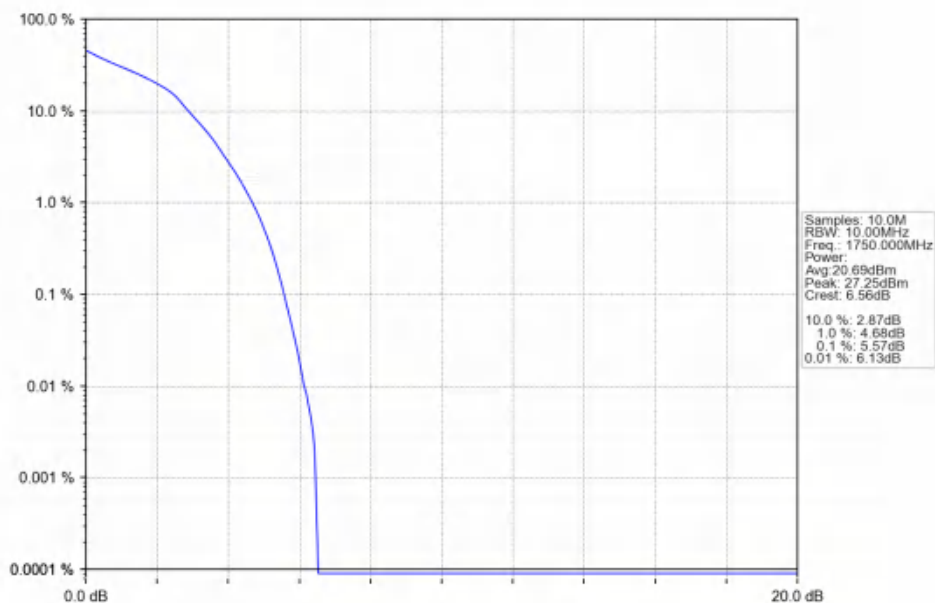
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



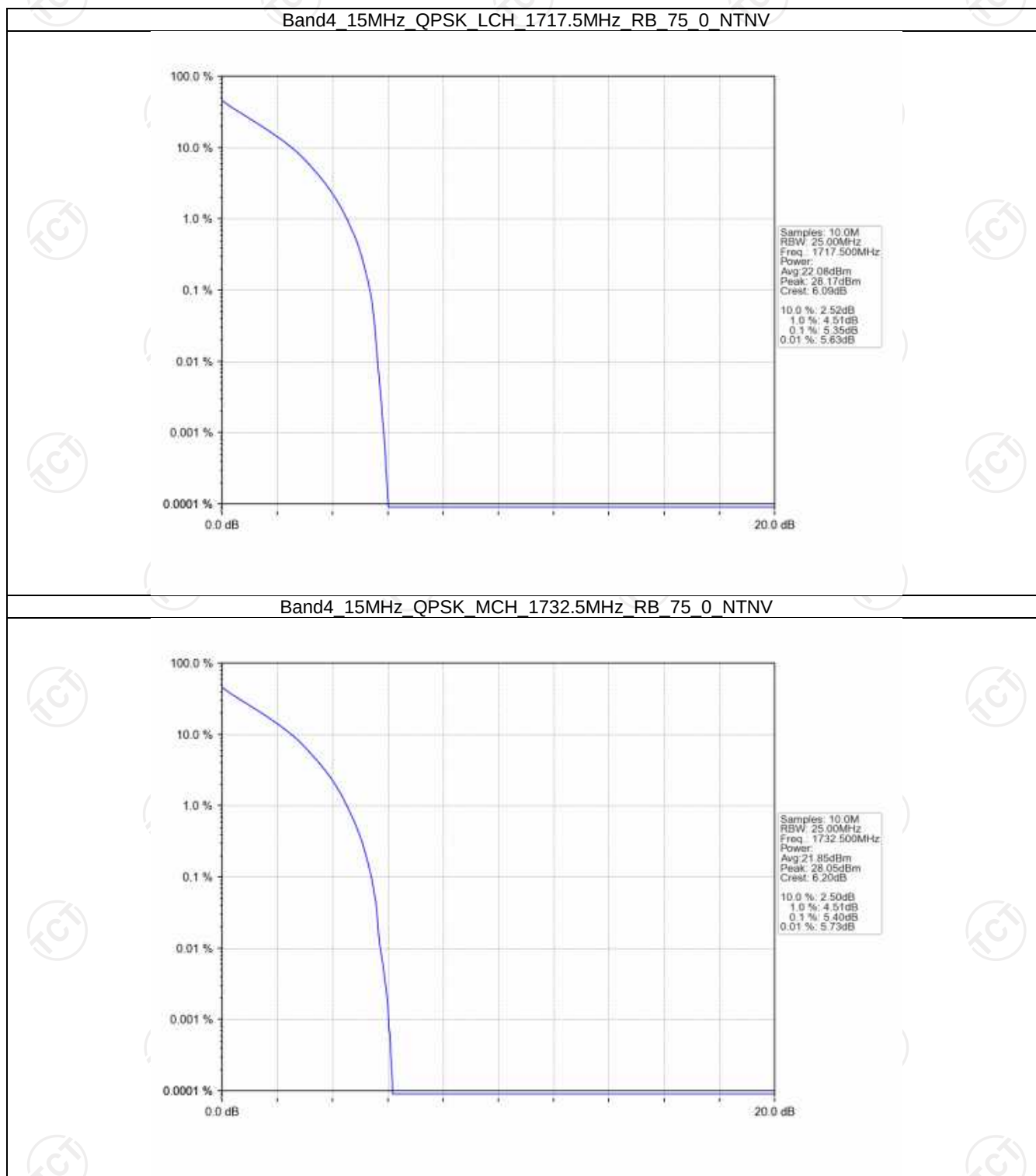
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



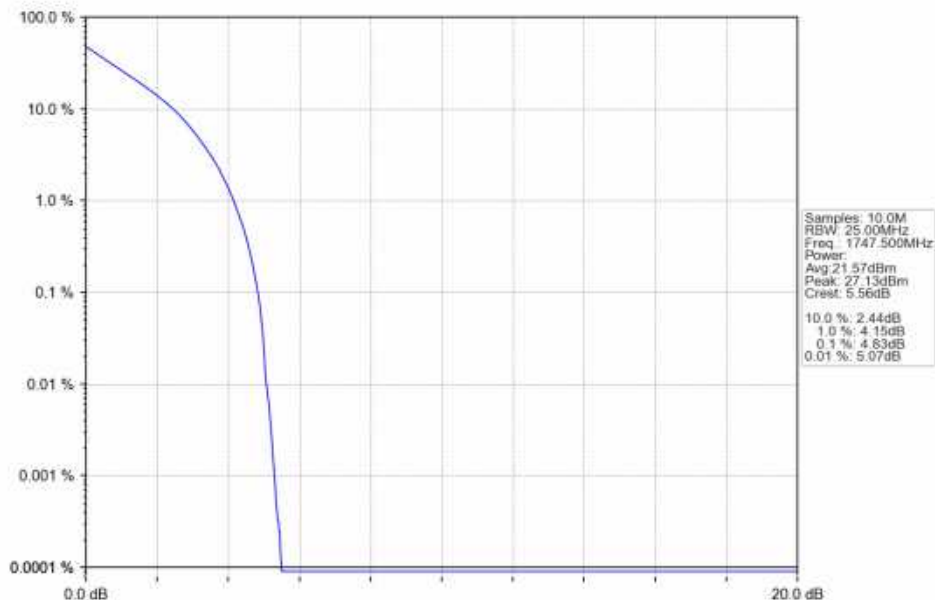
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



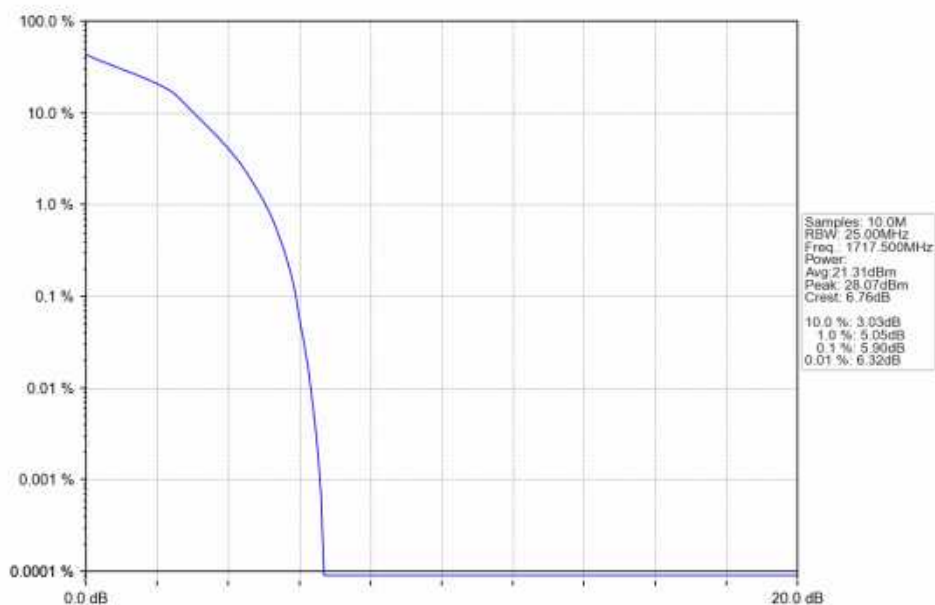
5.2.5 B4_15MHz



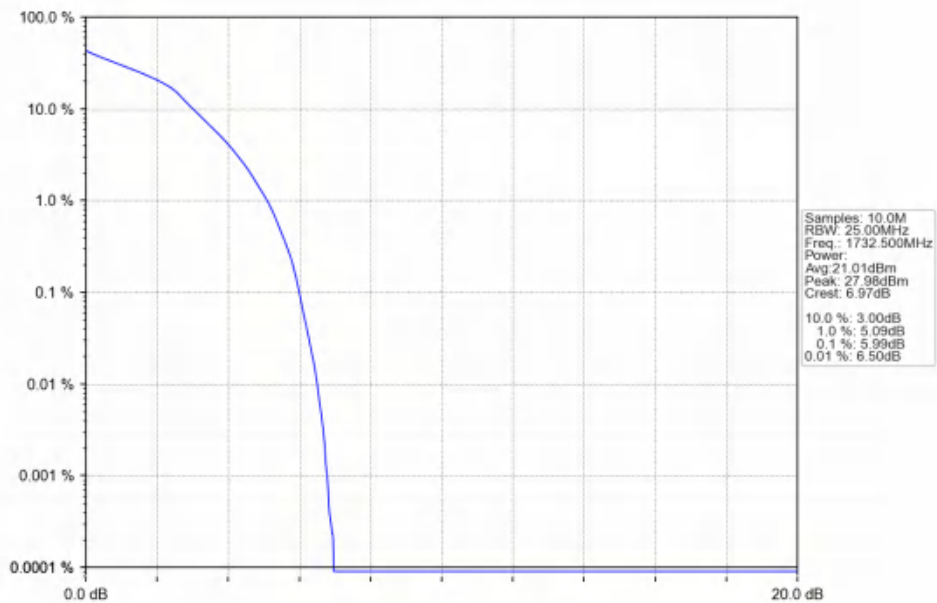
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



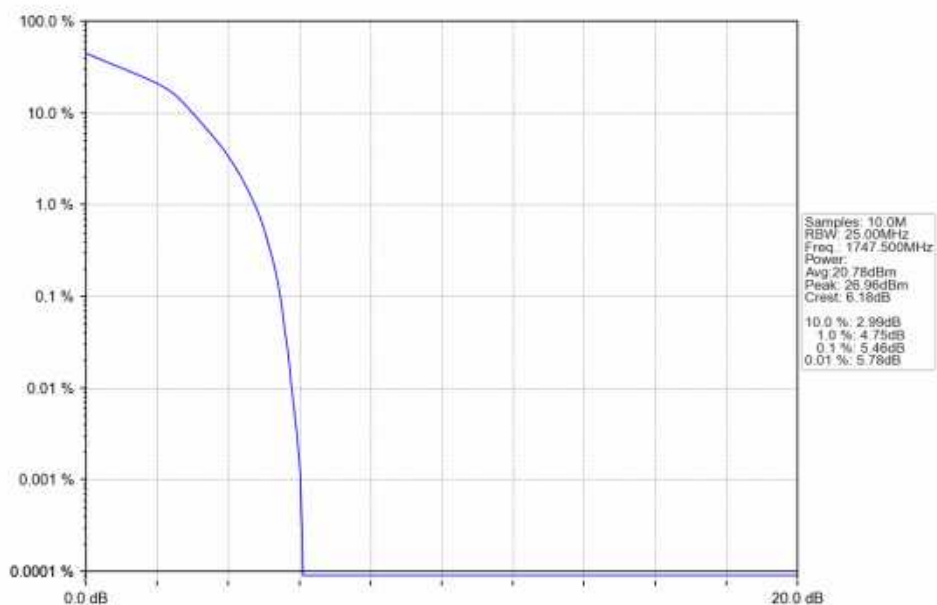
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



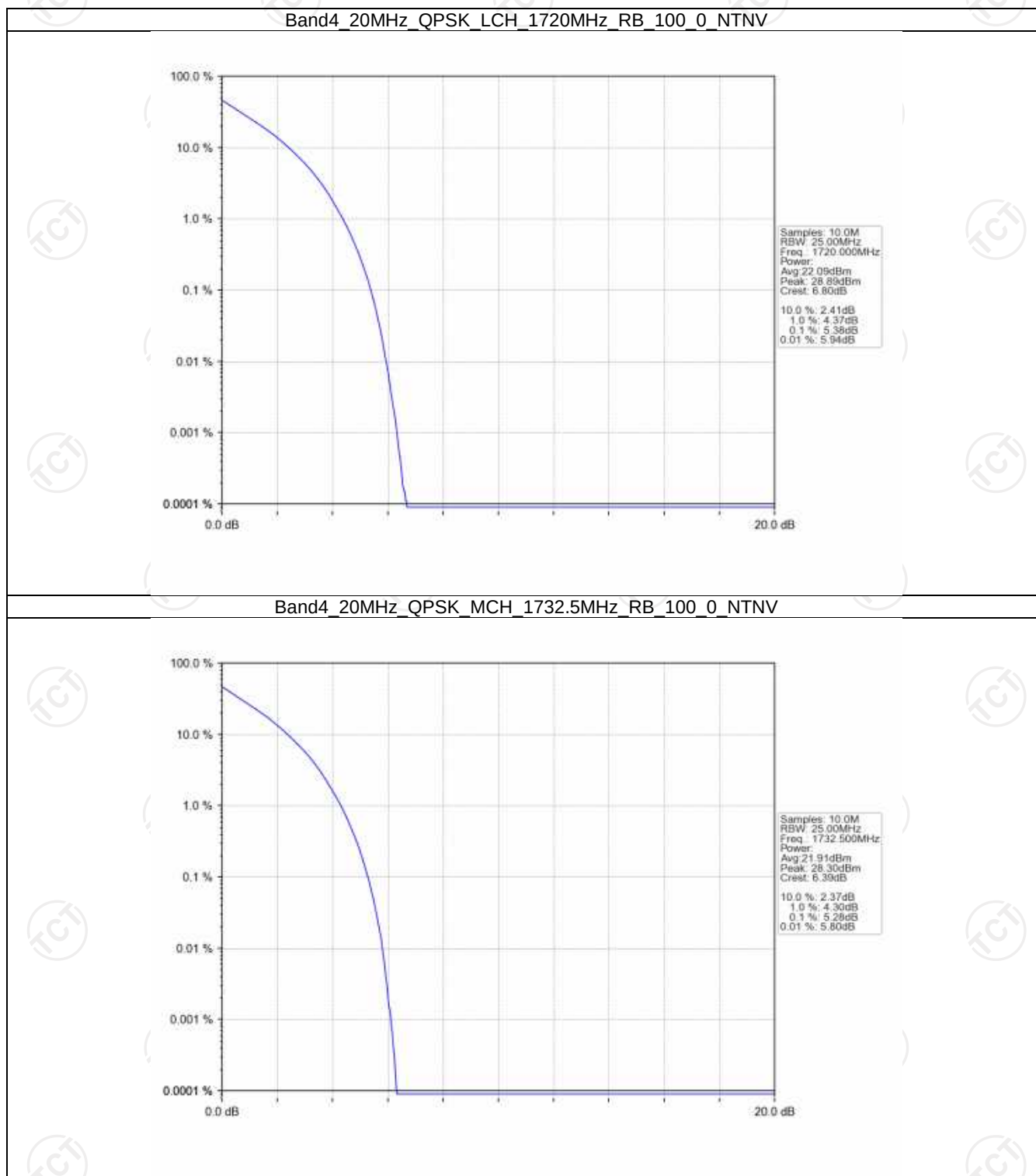
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



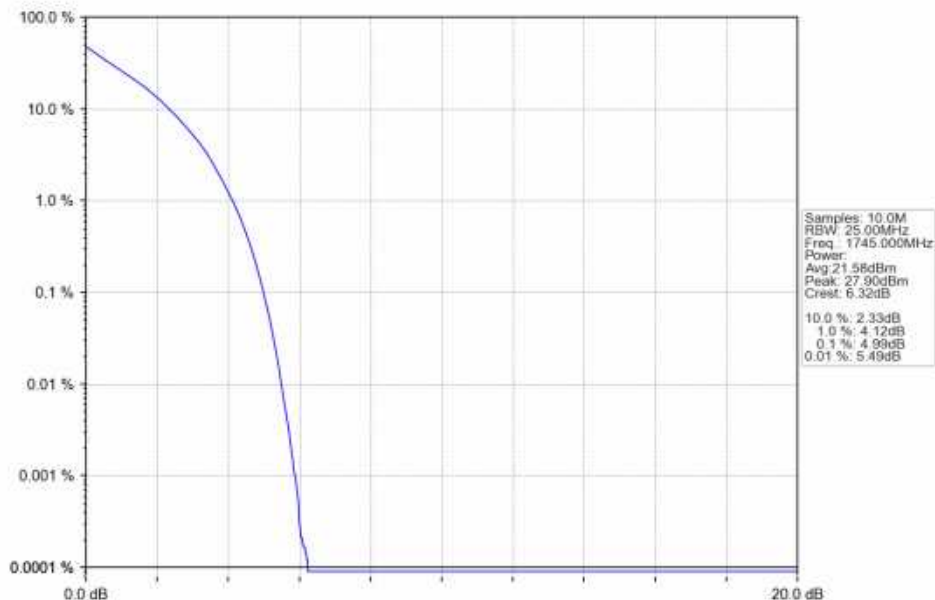
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



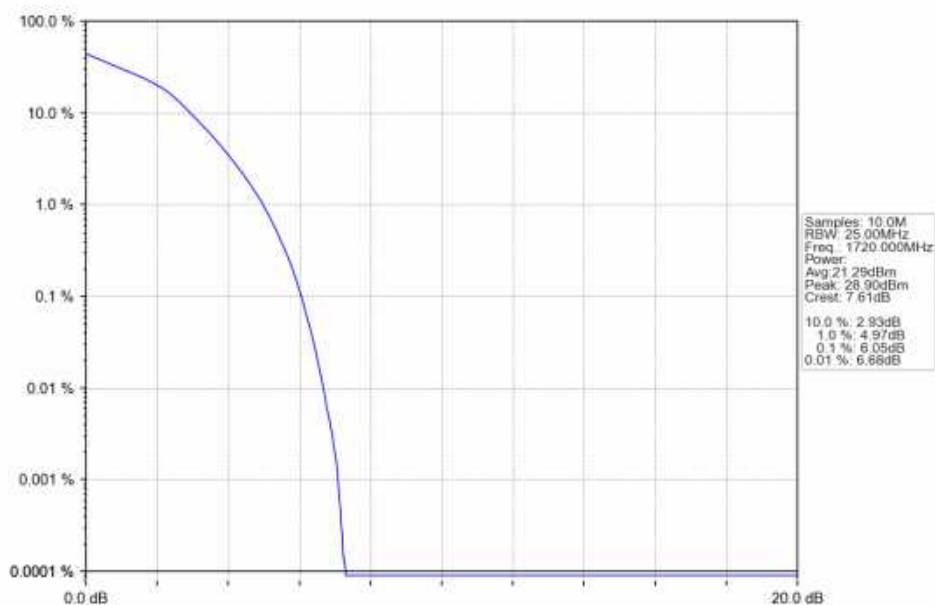
5.2.6 B4_20MHz



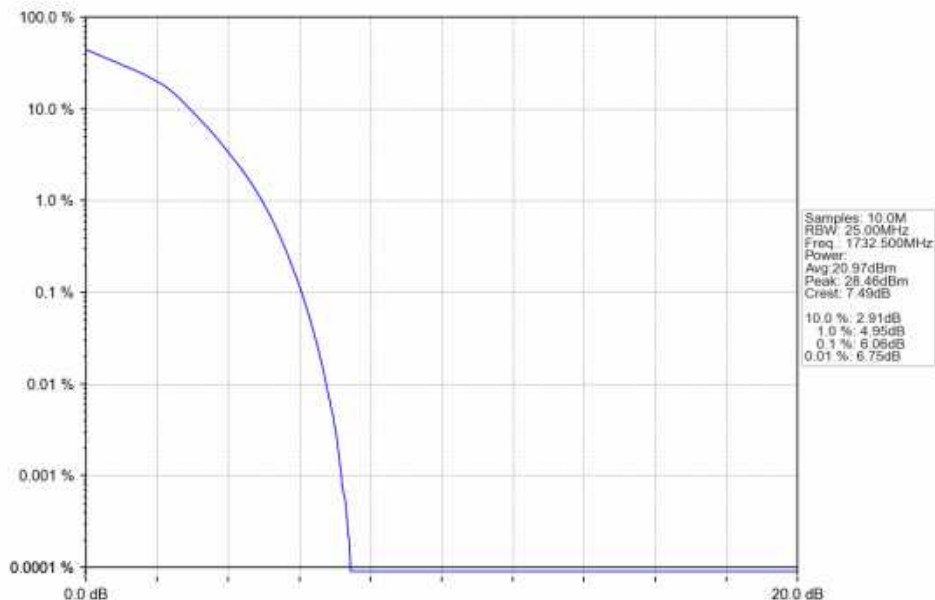
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



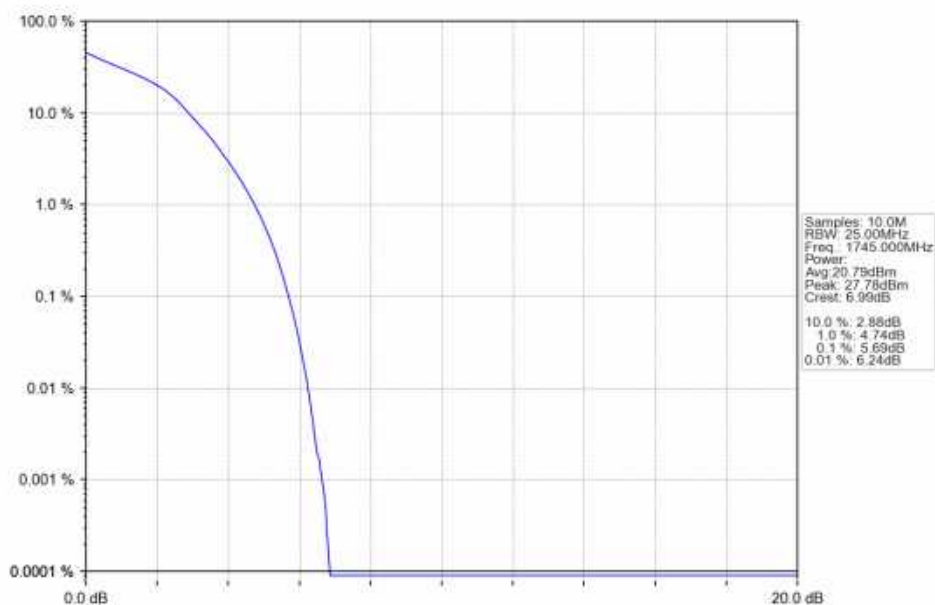
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

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

6.1.3 B4_5MHz

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

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

6.1.5 B4_15MHz

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

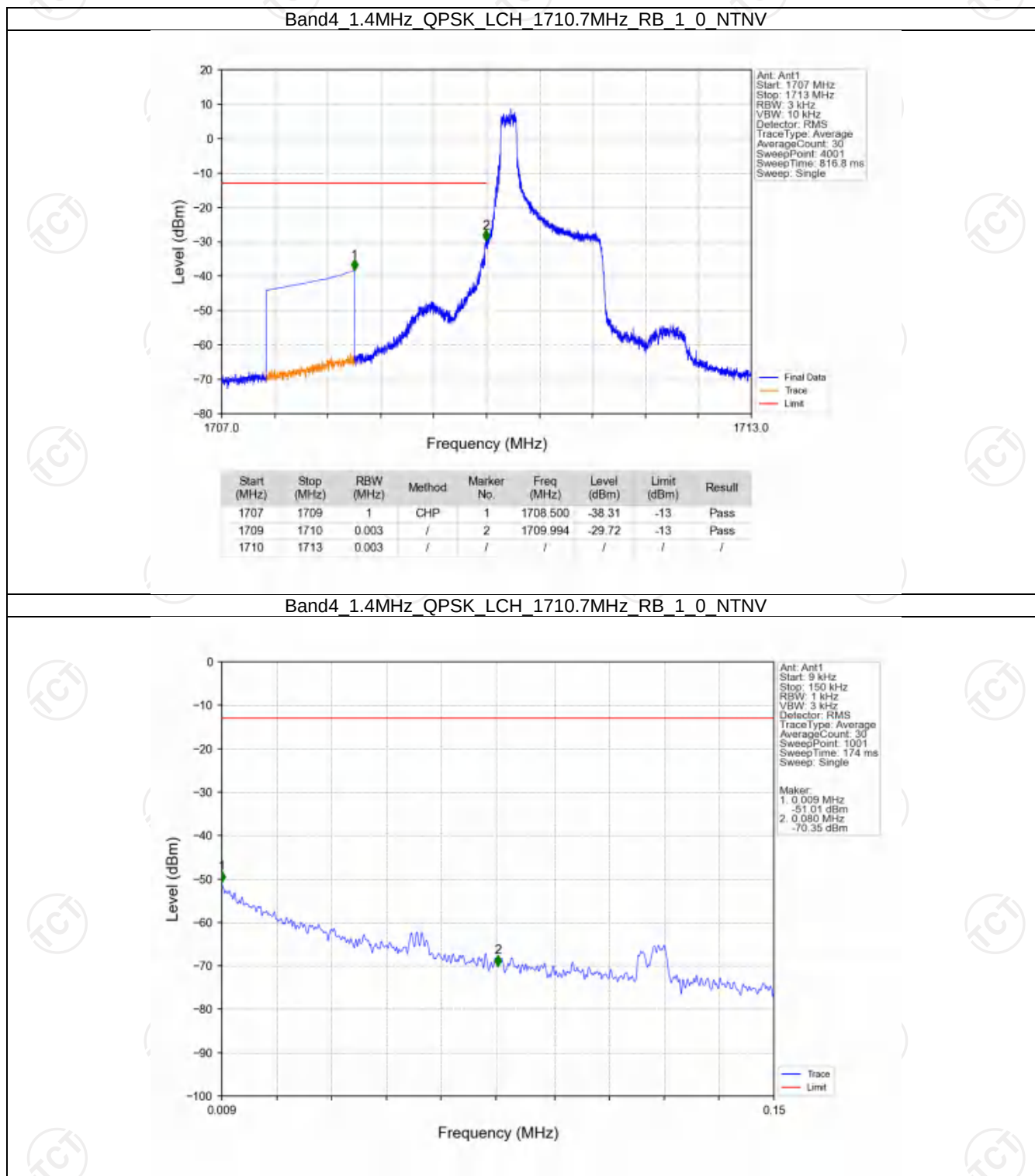
6.1.6 B4_20MHz

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

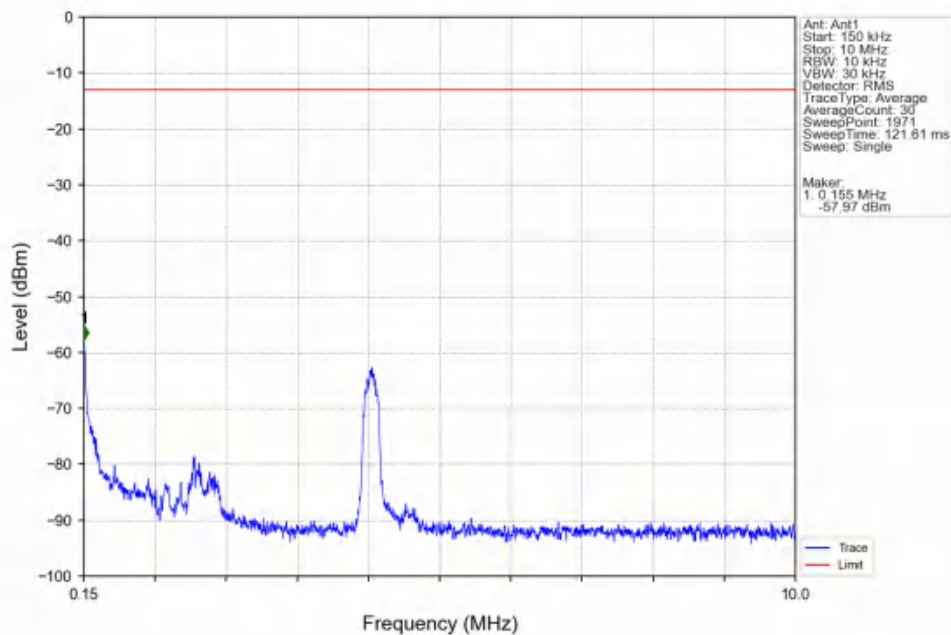
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

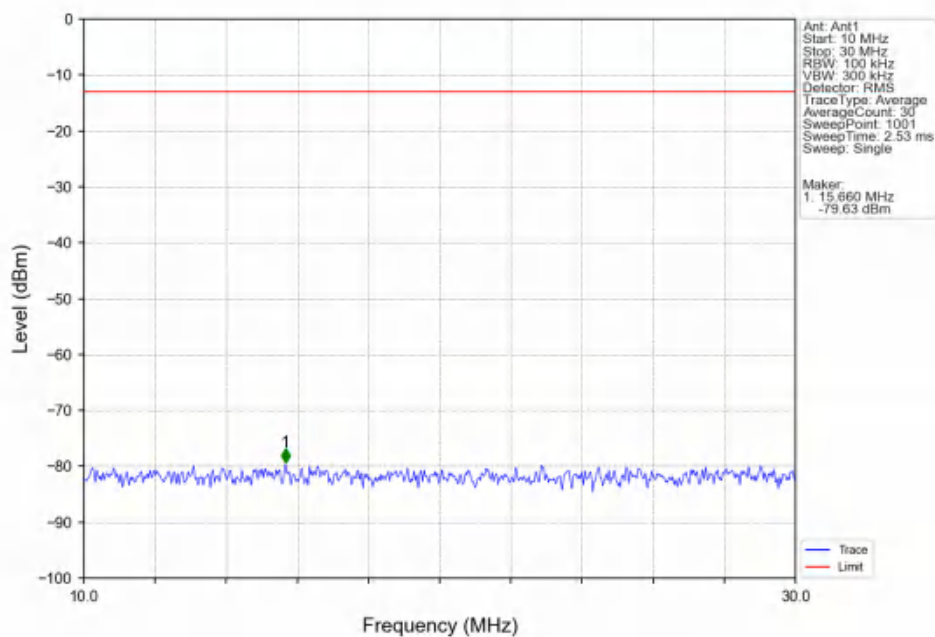
6.2.1 B4_1.4MHz



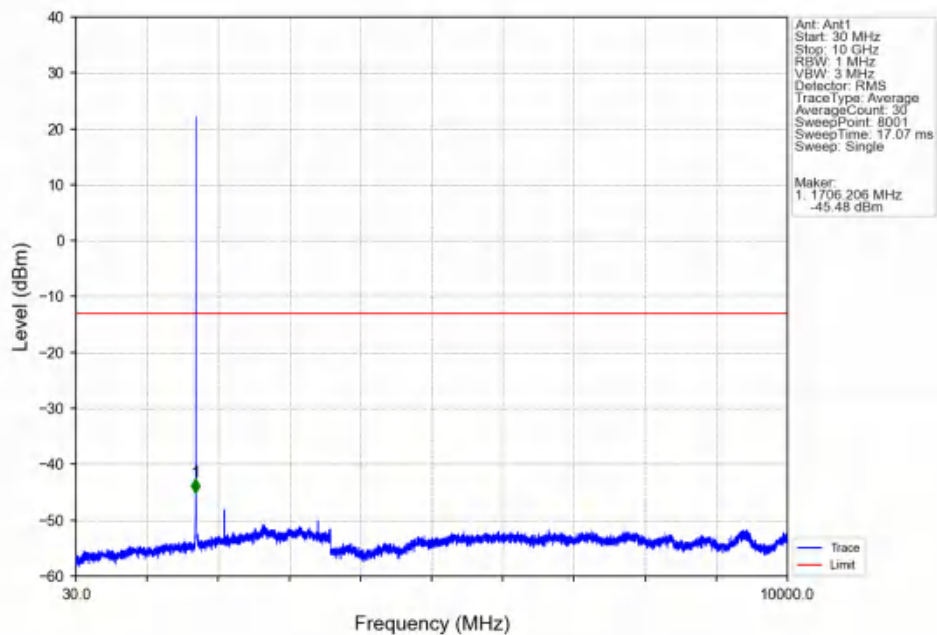
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



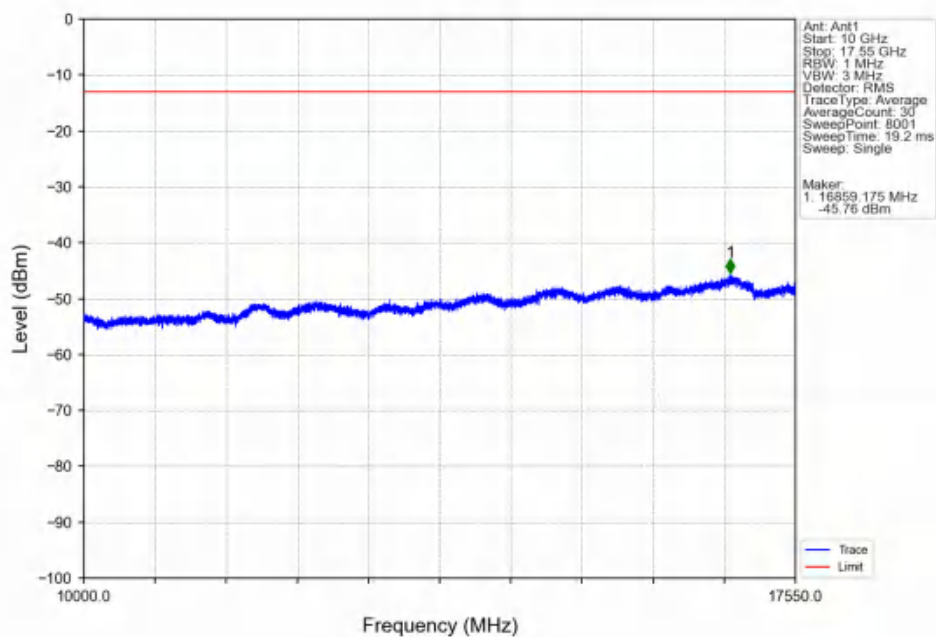
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



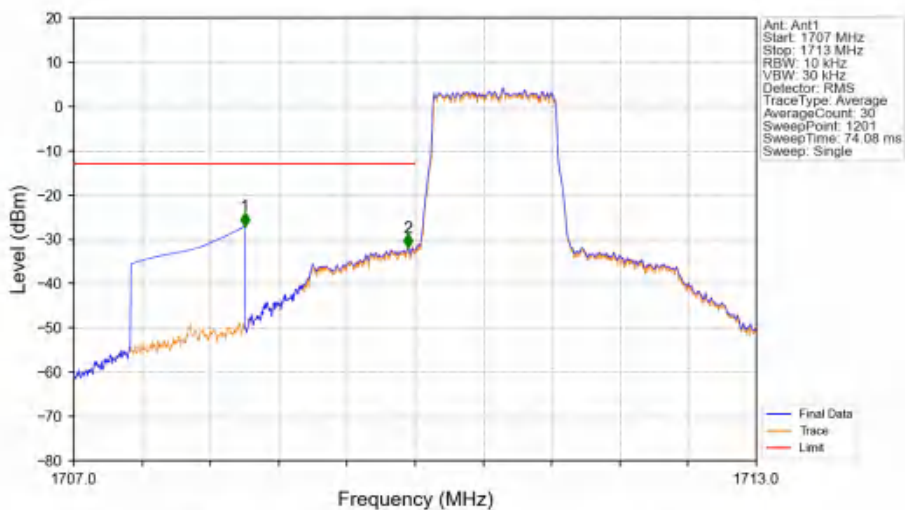
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

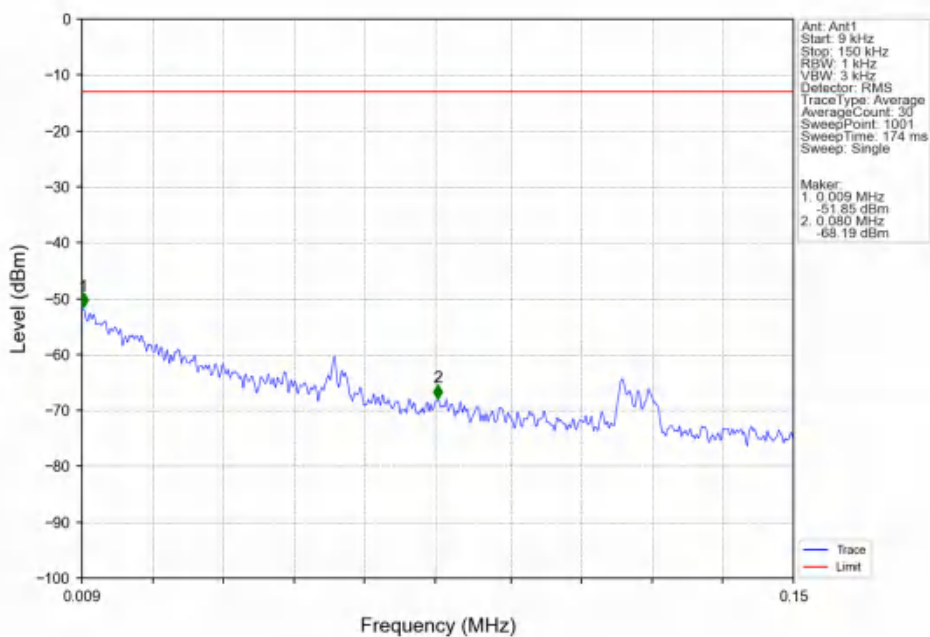


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

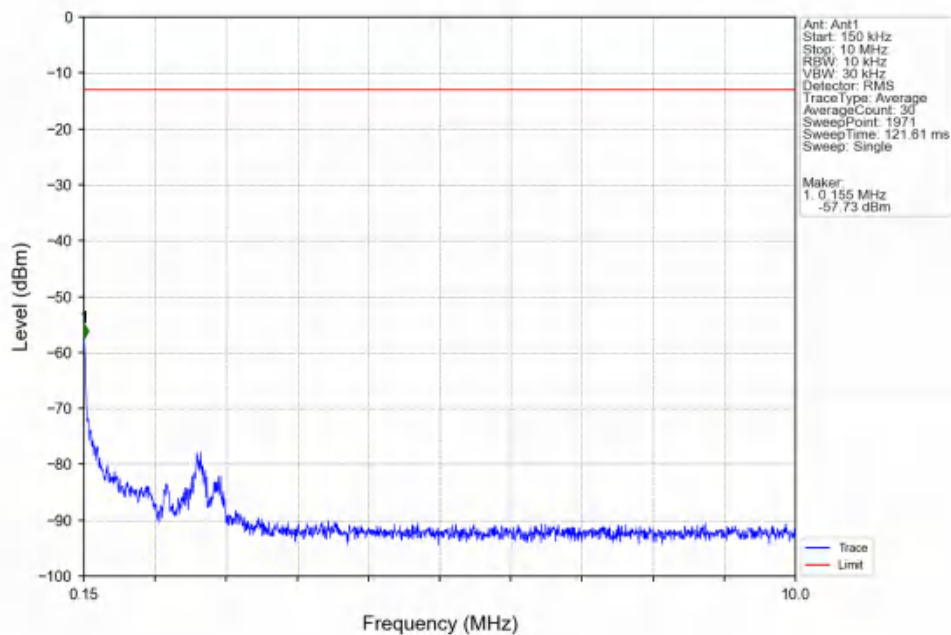


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.03	-13	Pass
1709	1710	0.013	CHP	2	1709.935	-31.86	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

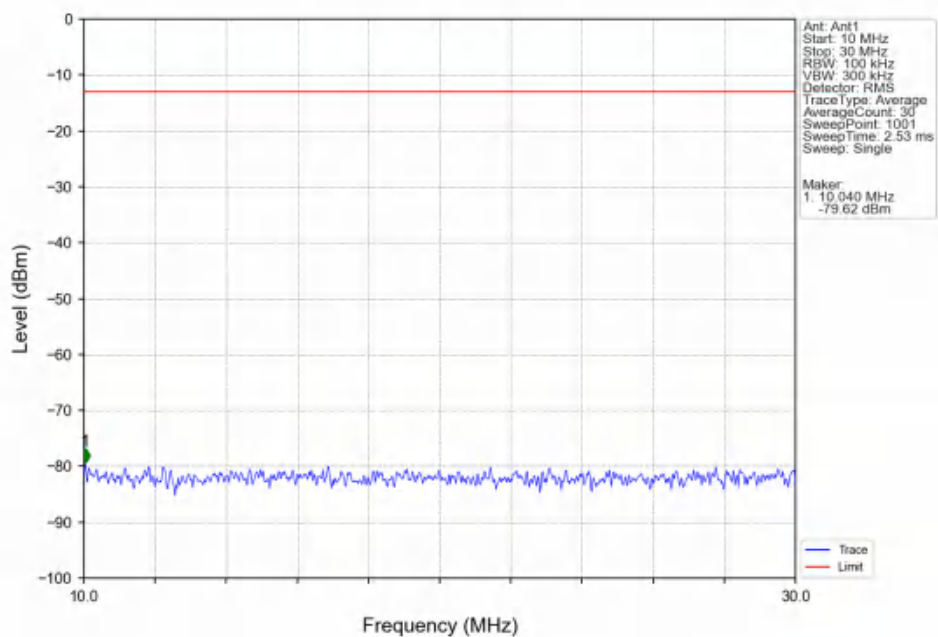
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



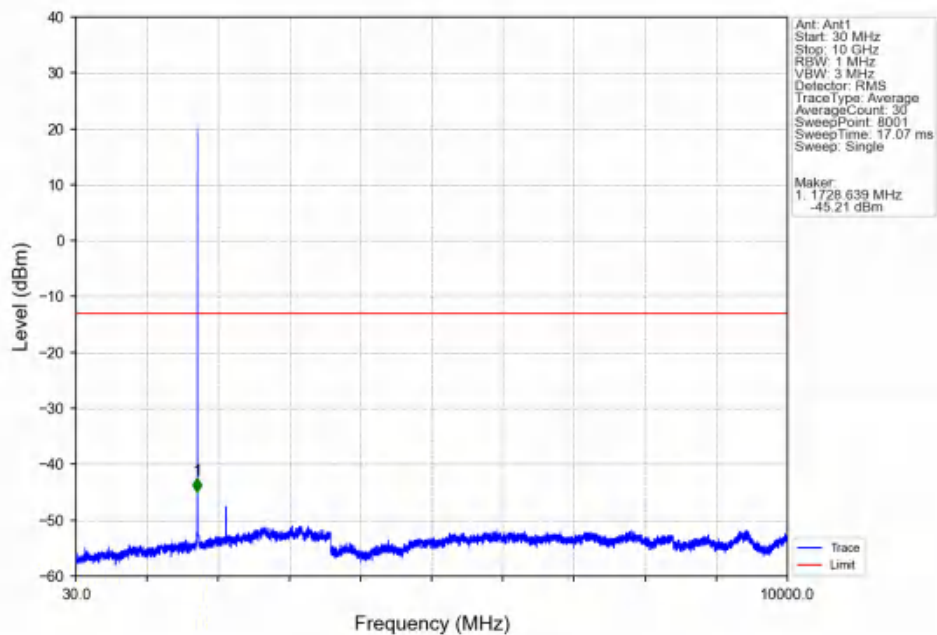
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



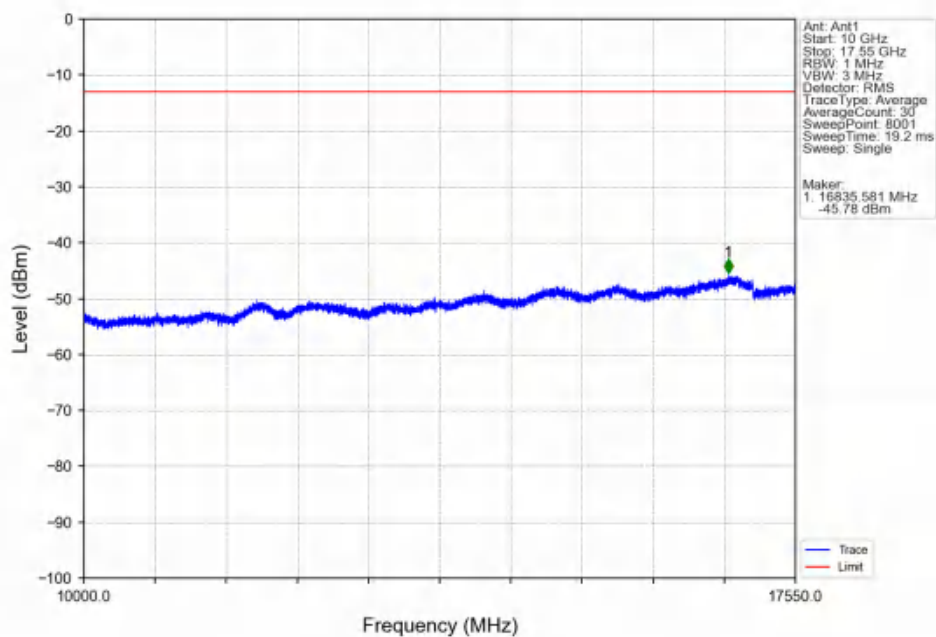
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



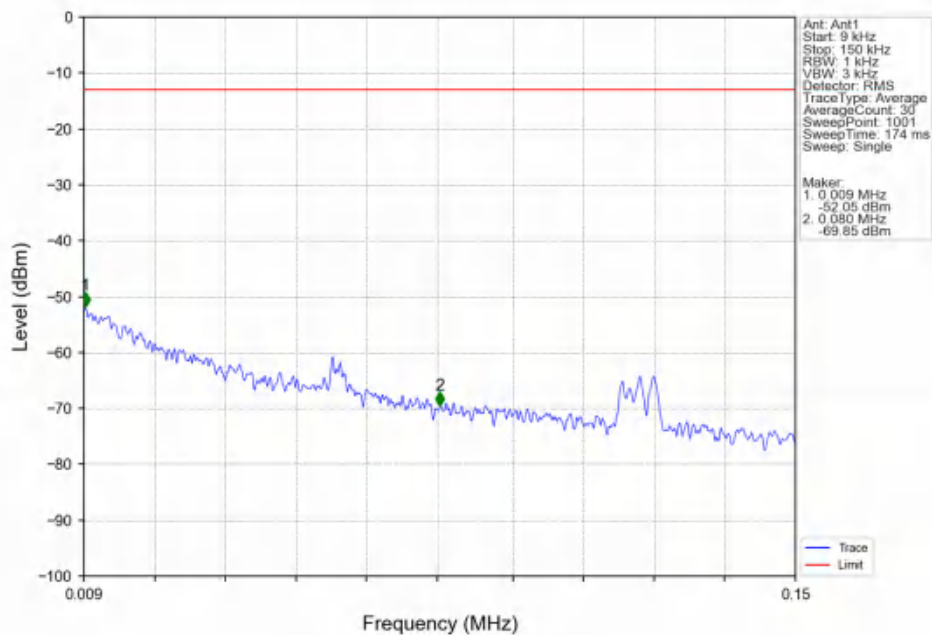
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



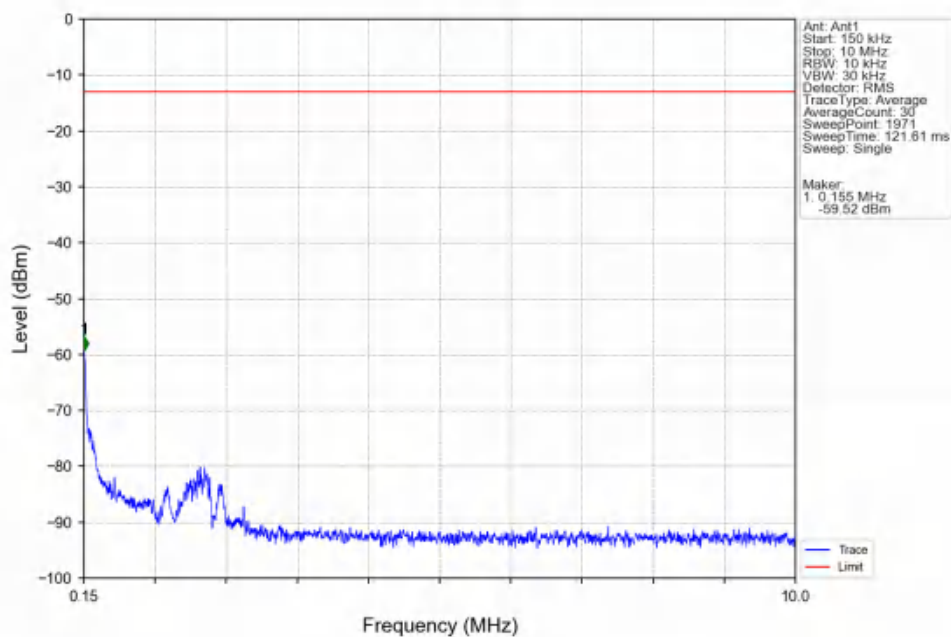
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



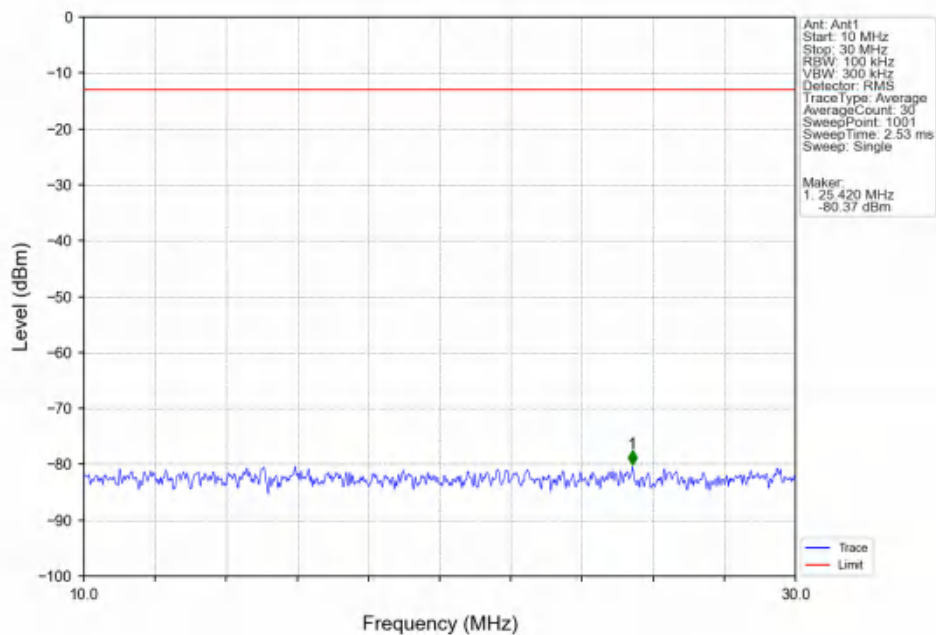
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



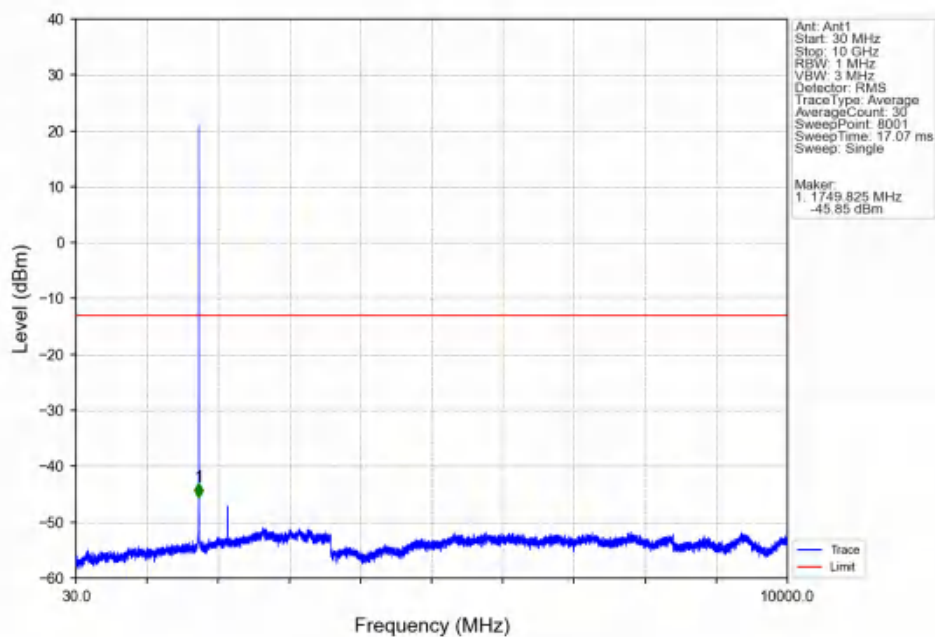
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



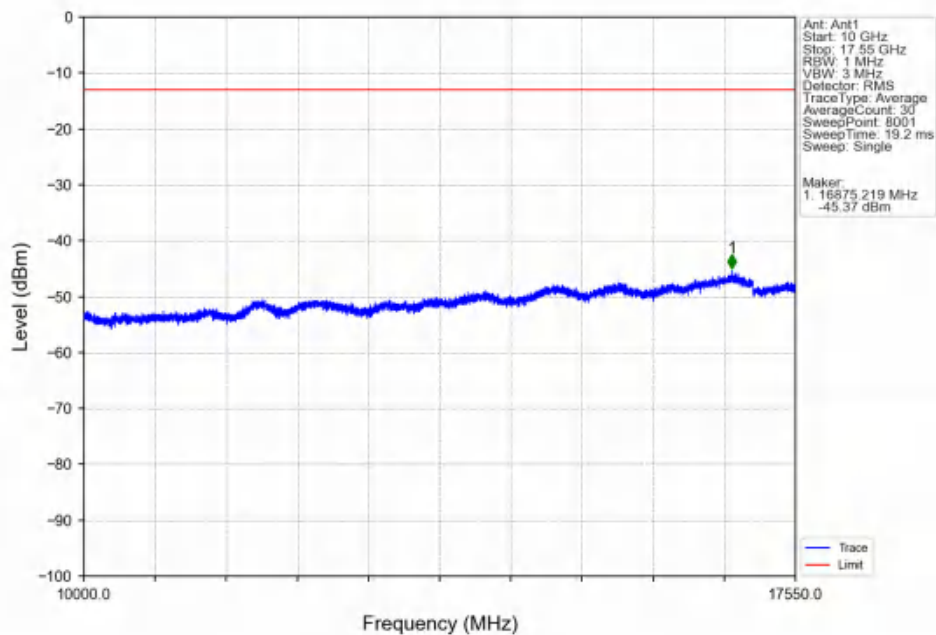
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



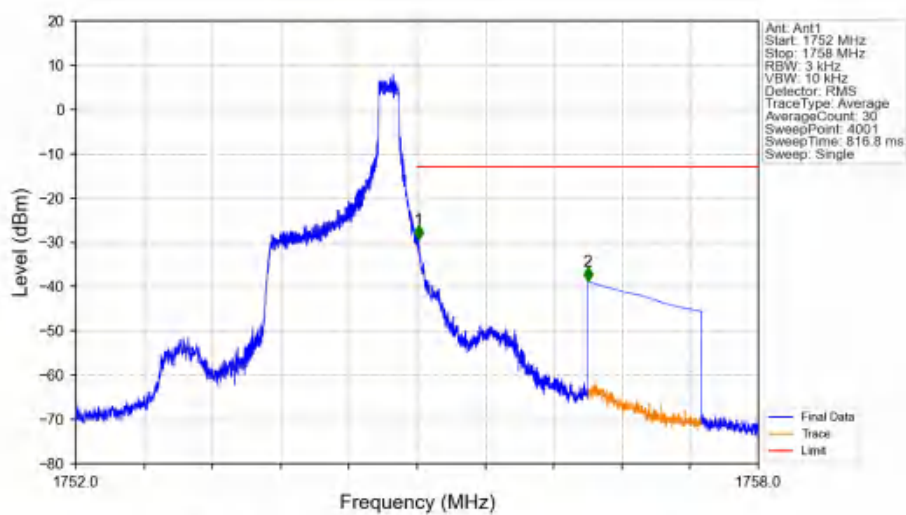
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

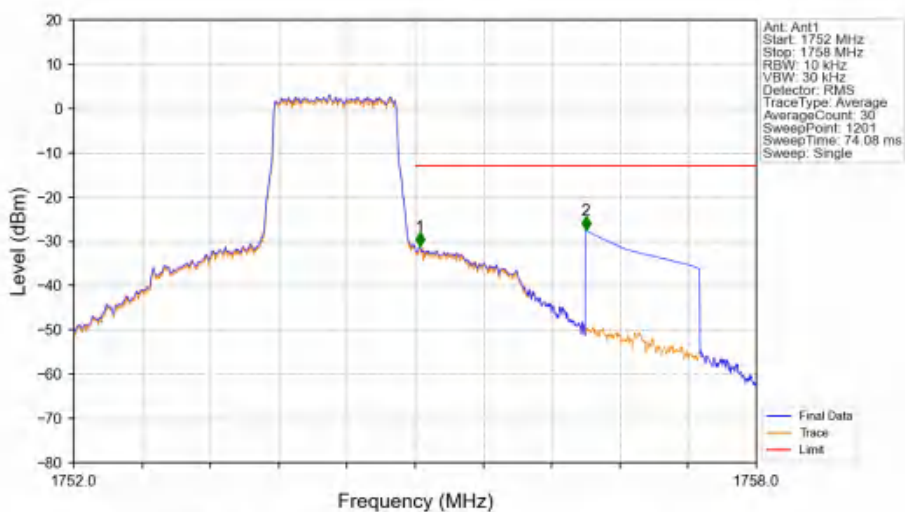


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



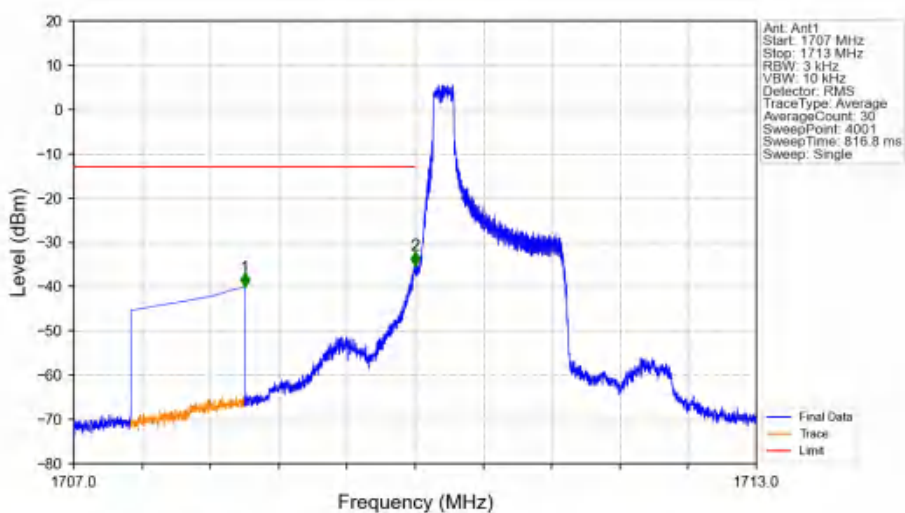
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-29.34	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.73	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



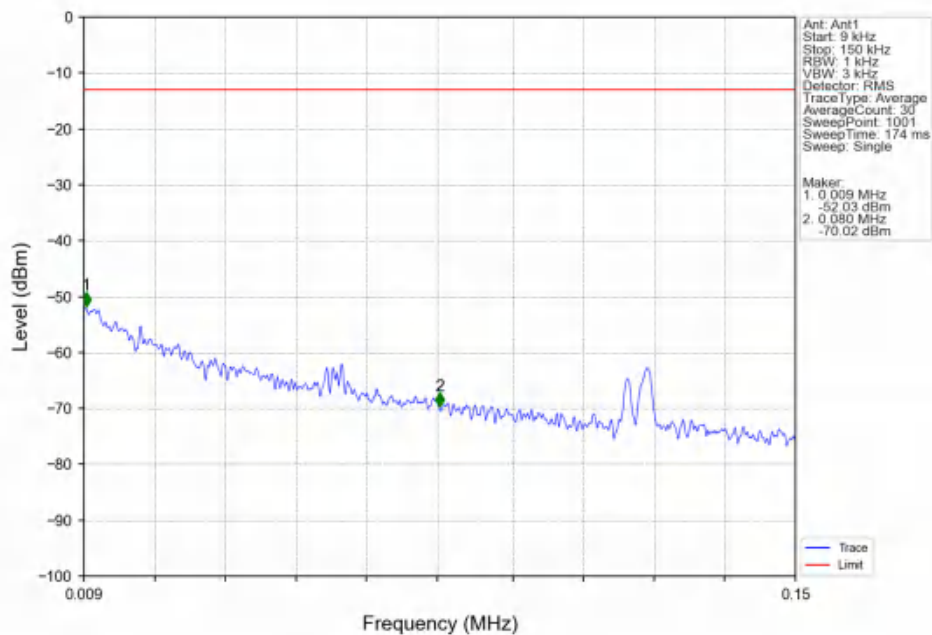
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.040	-31.14	-13	Pass
1756	1758	1	CHP	2	1756.500	-27.50	-13	Pass

Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTV

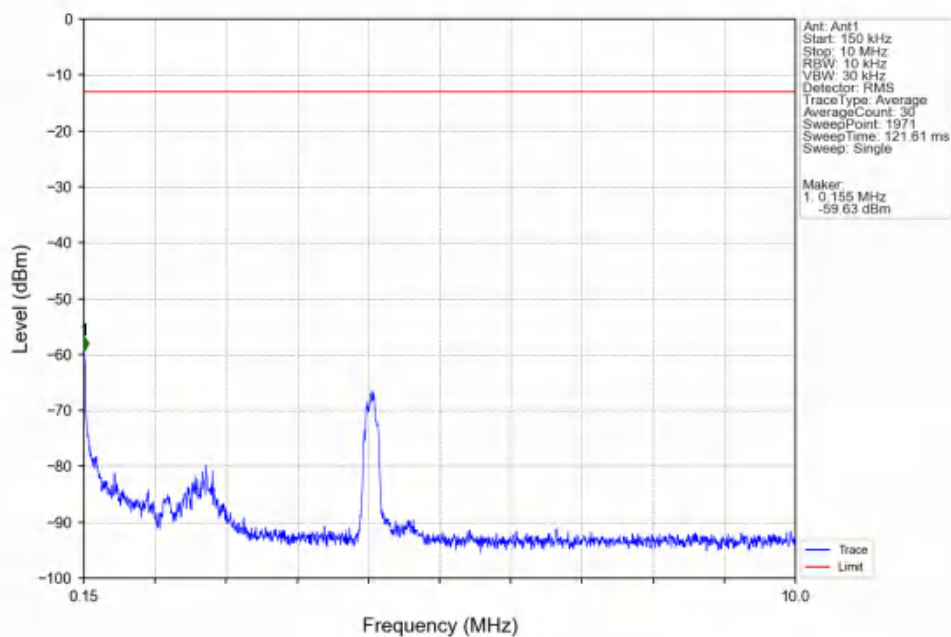


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-40.08	-13	Pass
1709	1710	0.003	/	2	1709.998	-35.23	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

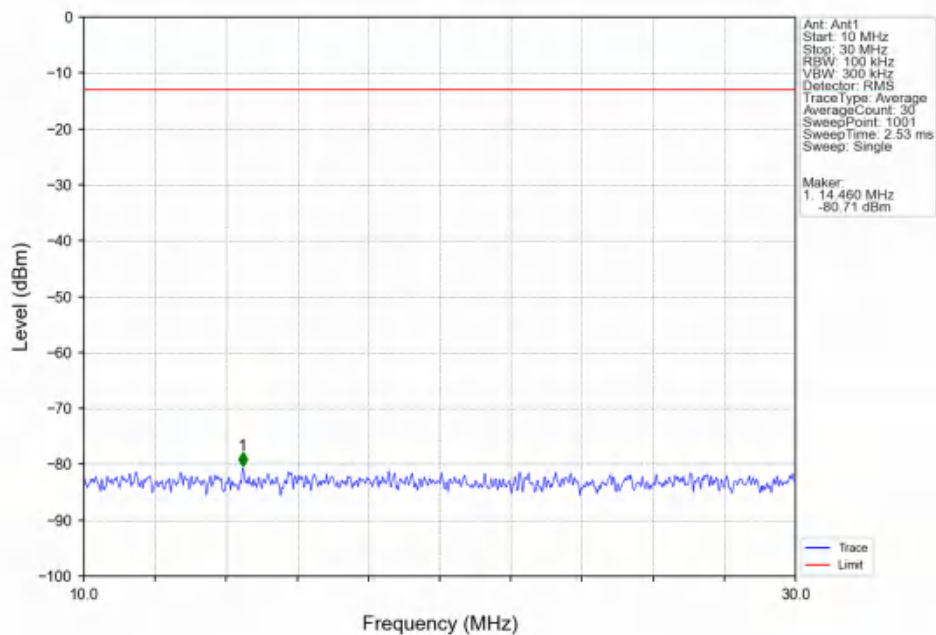
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



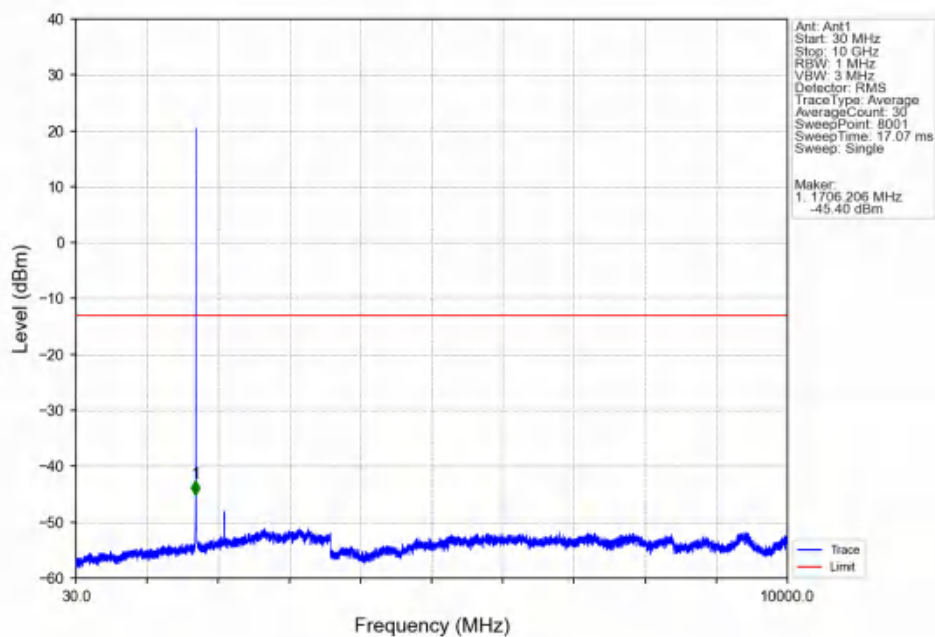
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



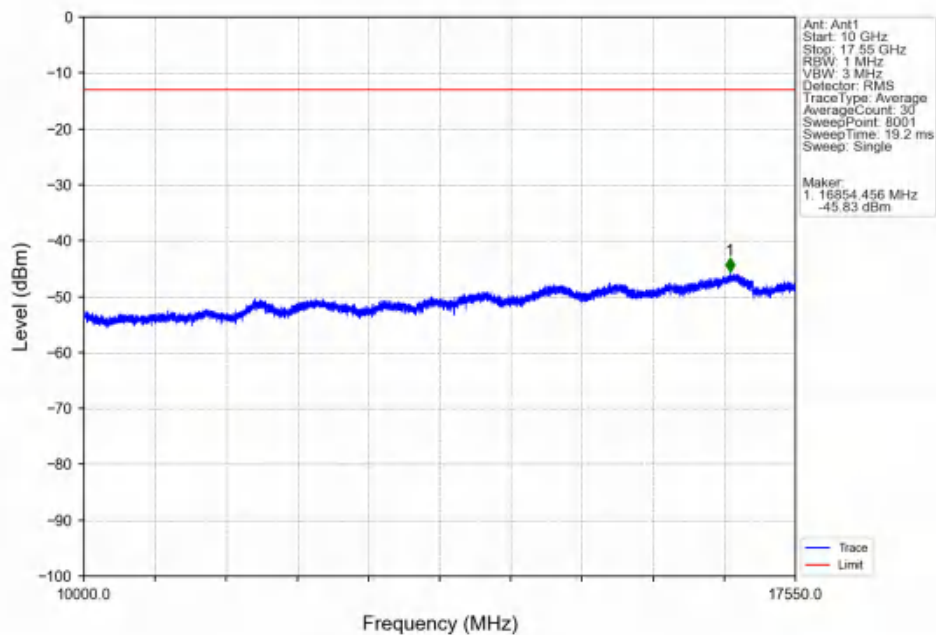
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



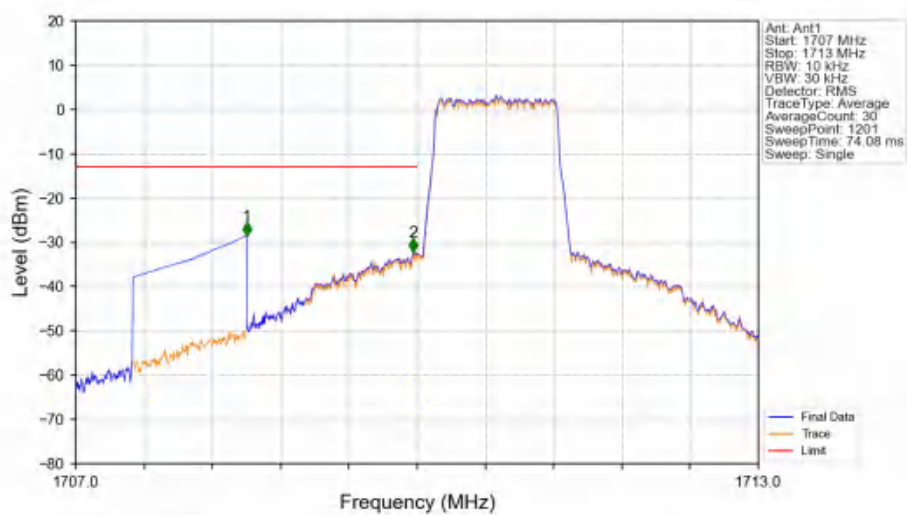
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTV

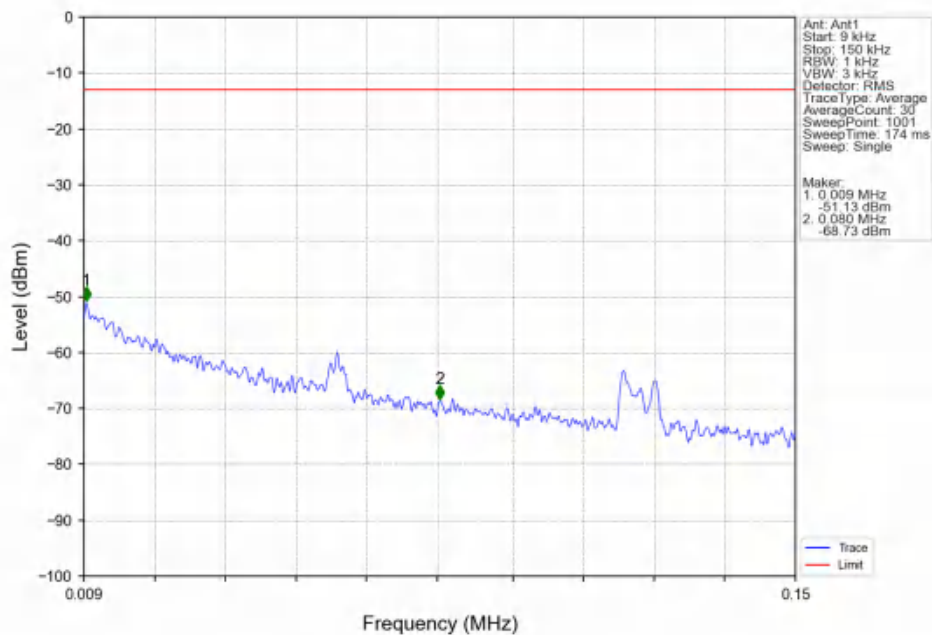


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV

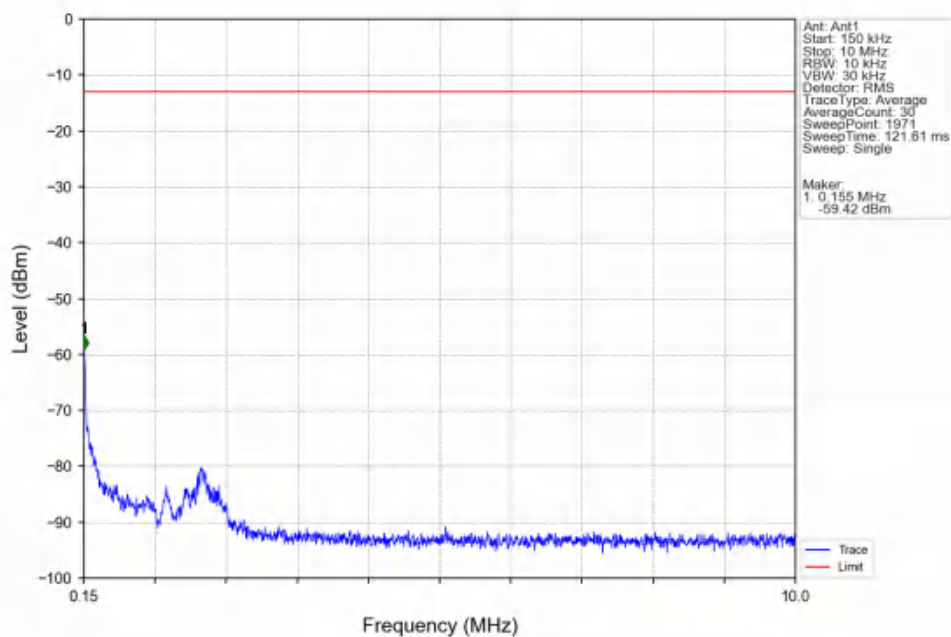


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.50	-13	Pass
1709	1710	0.013	CHP	2	1709.965	-32.22	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

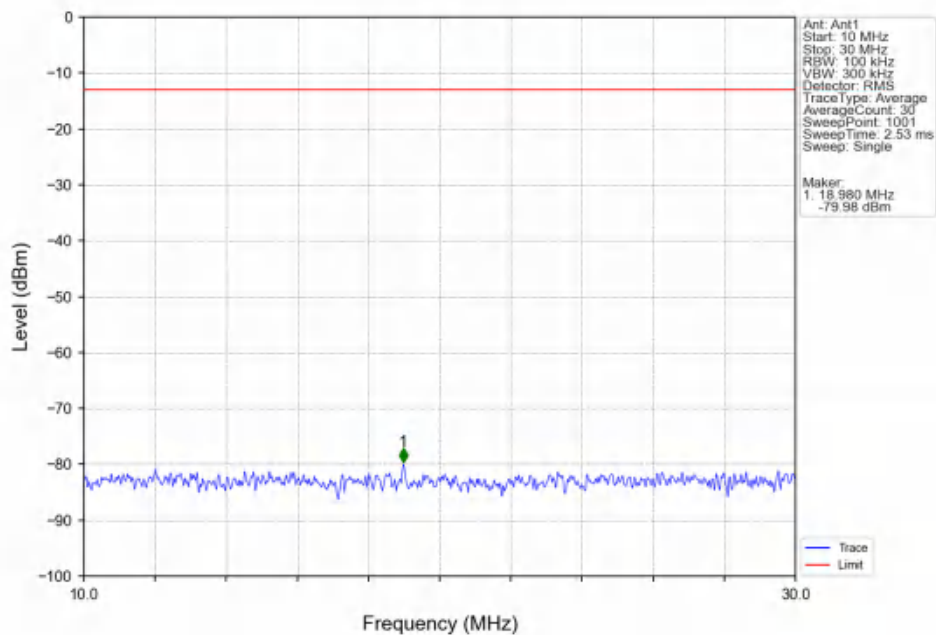
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



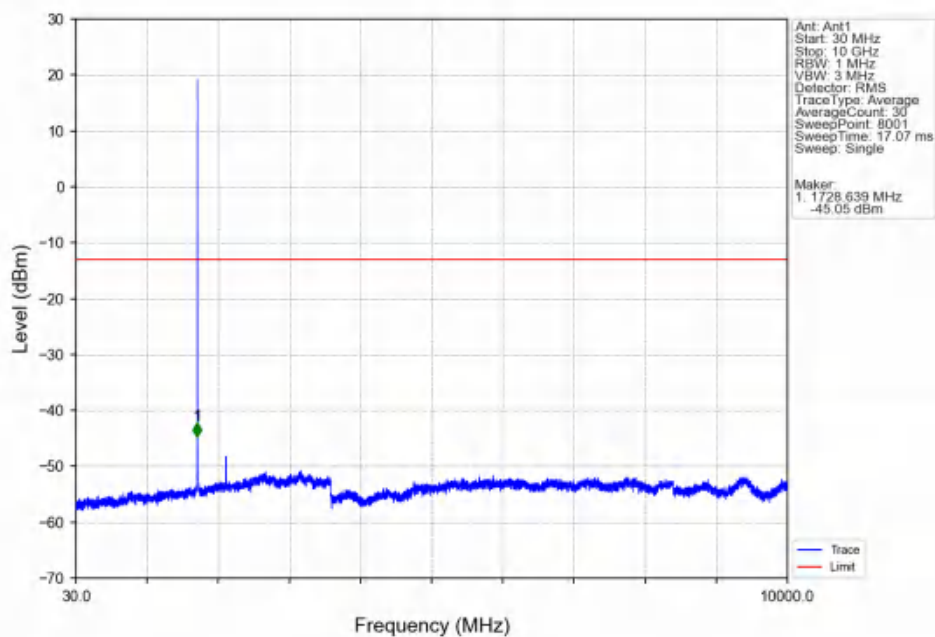
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



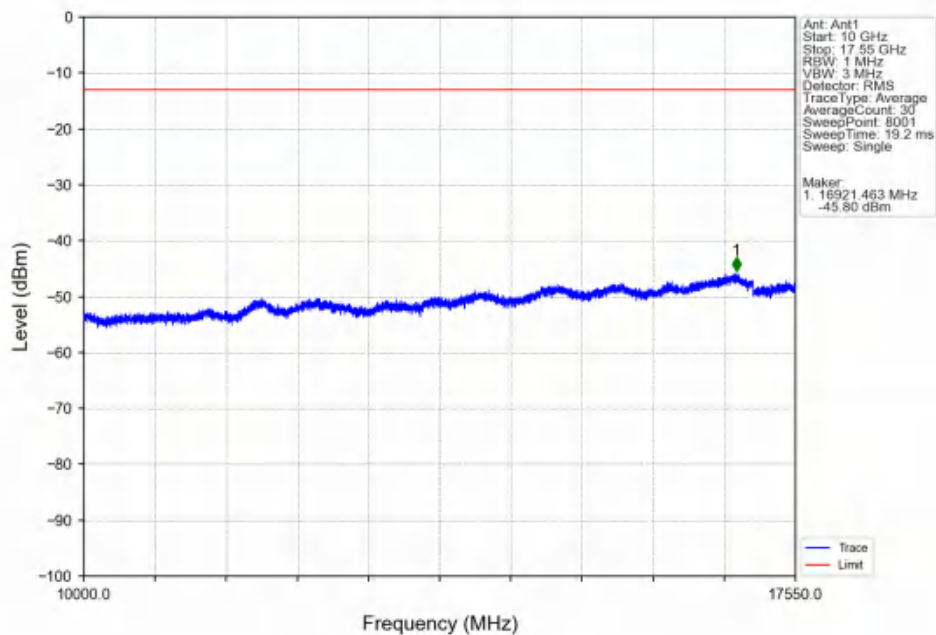
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTN



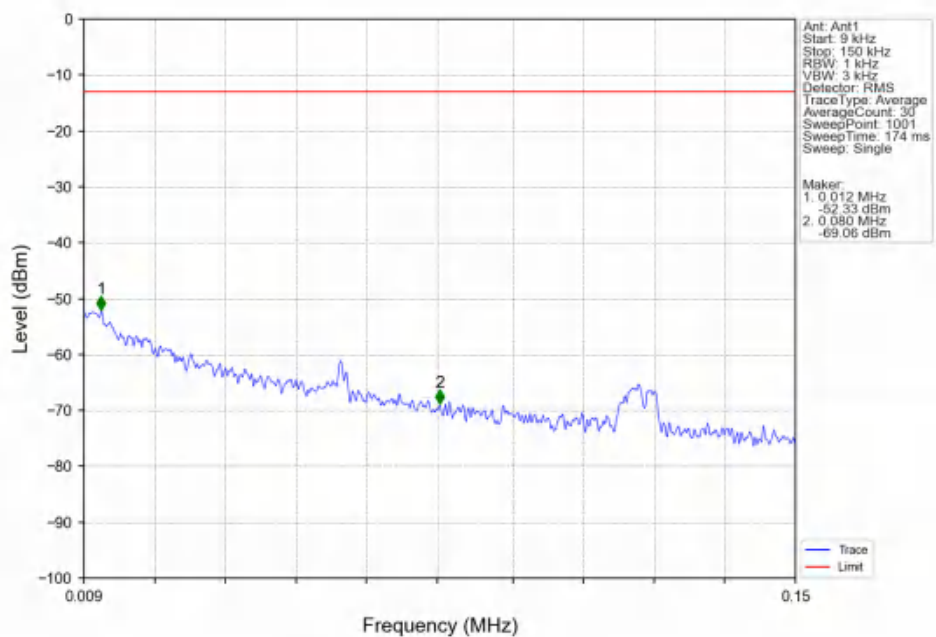
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTN



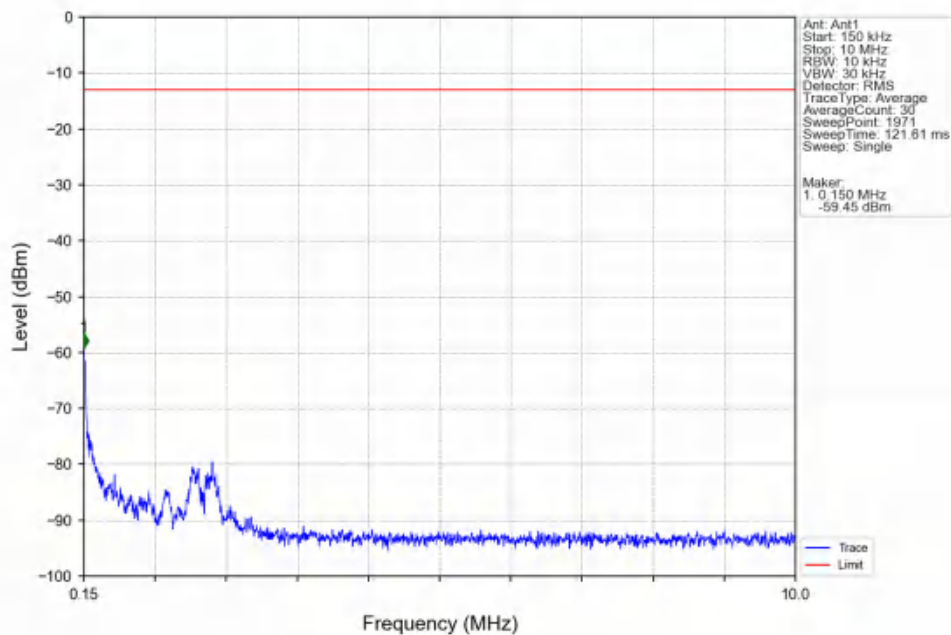
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



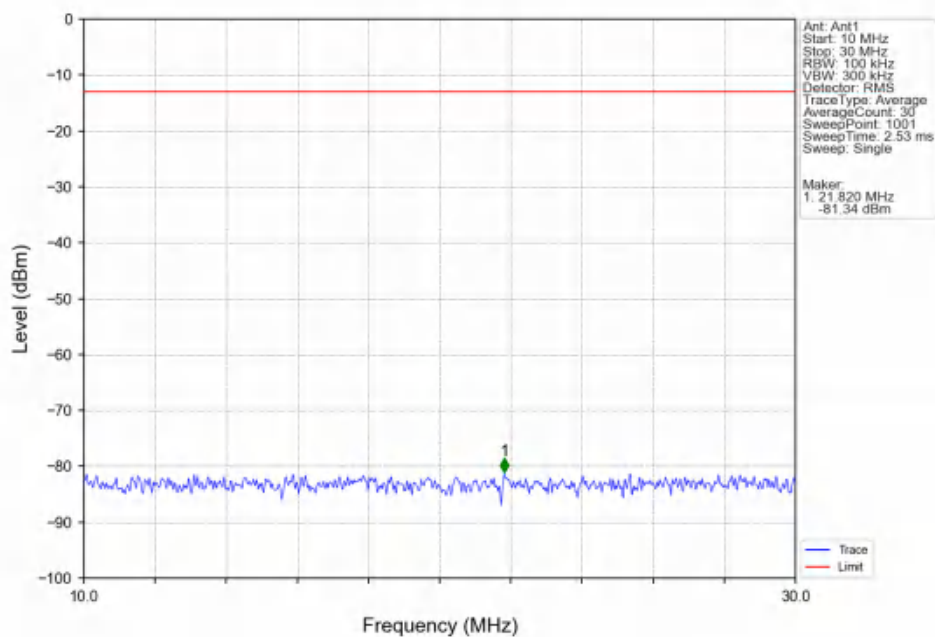
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



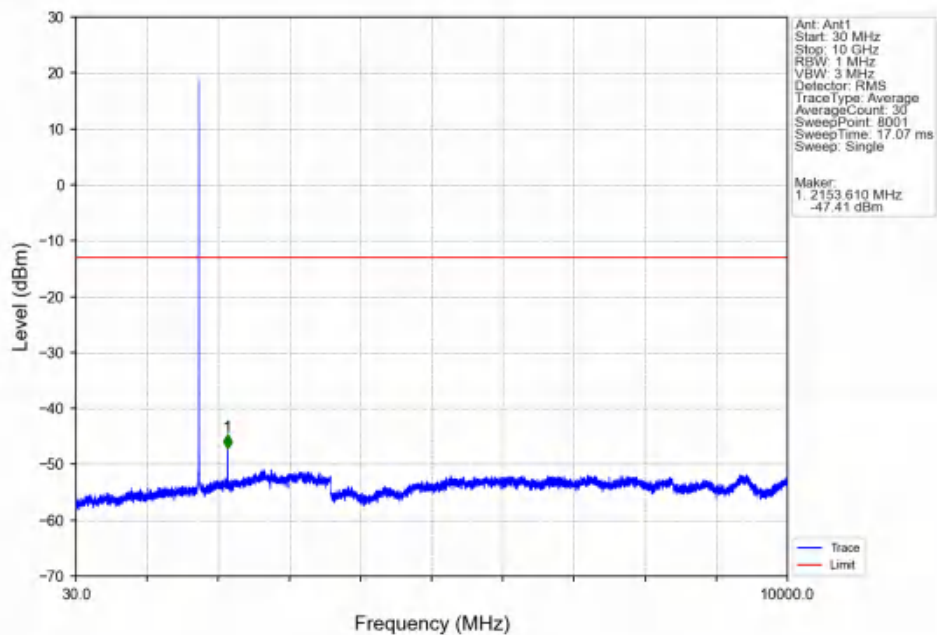
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



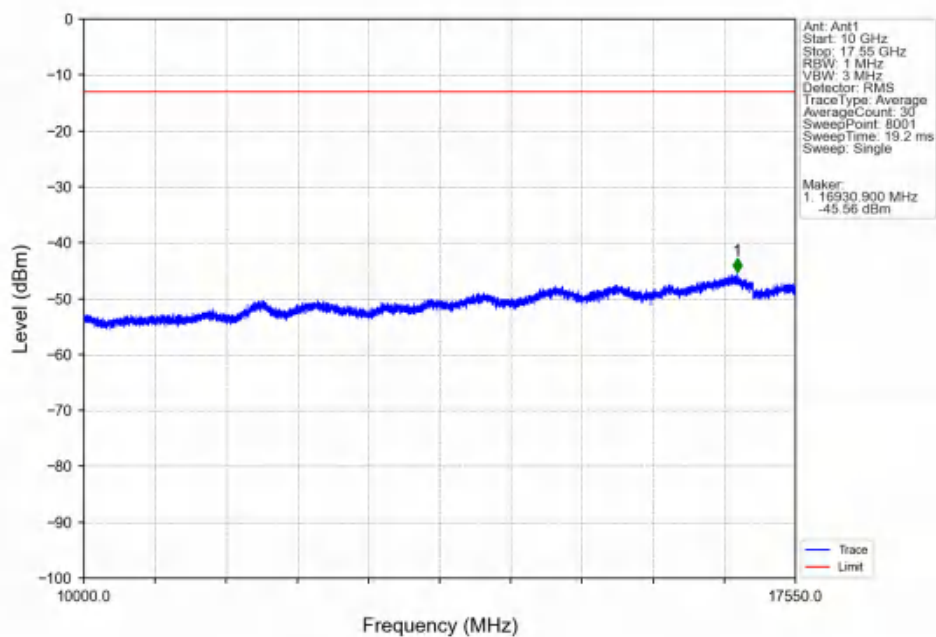
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



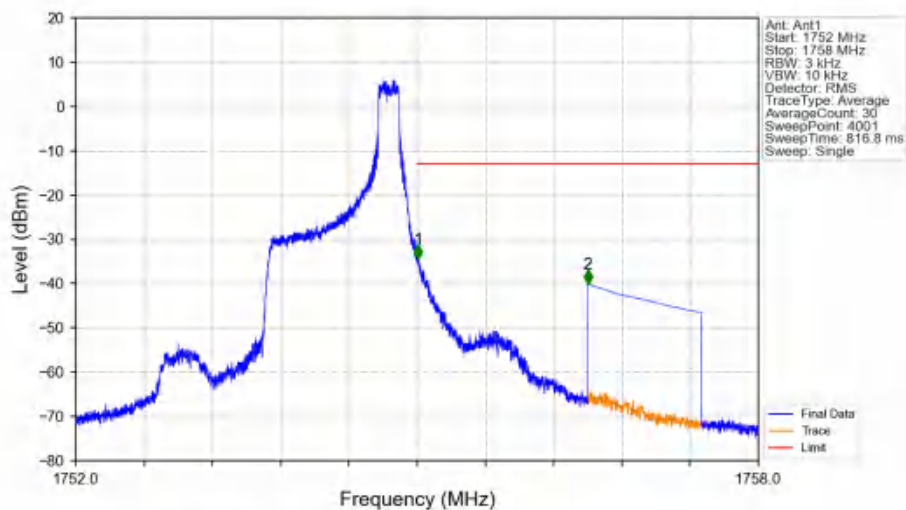
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



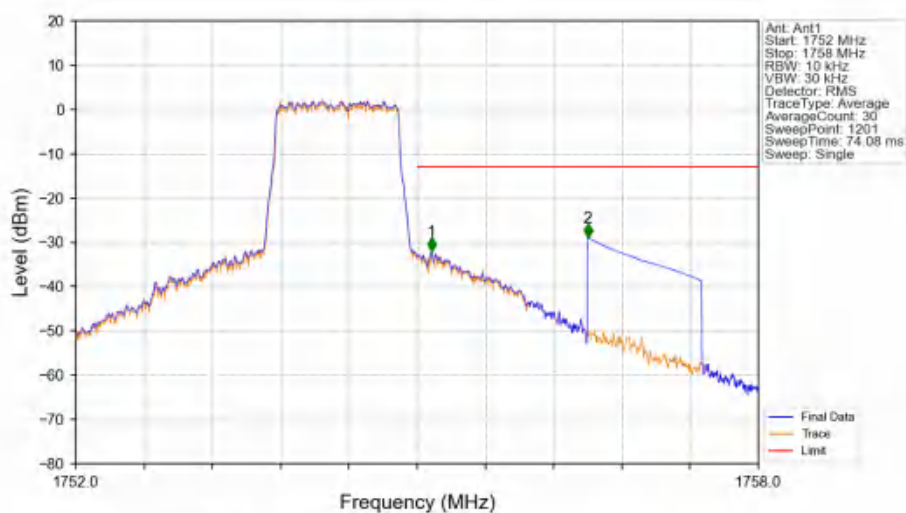
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



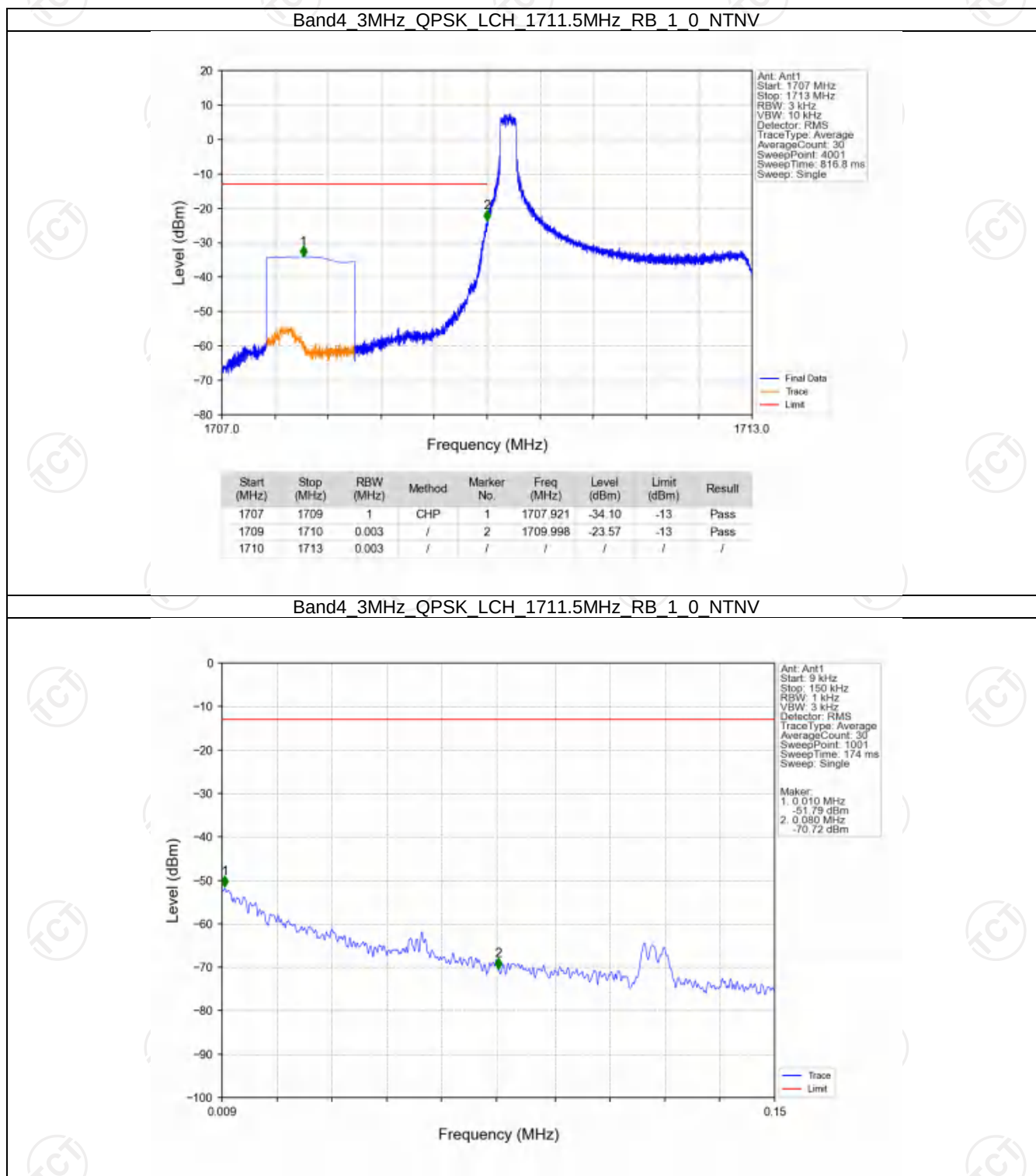
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



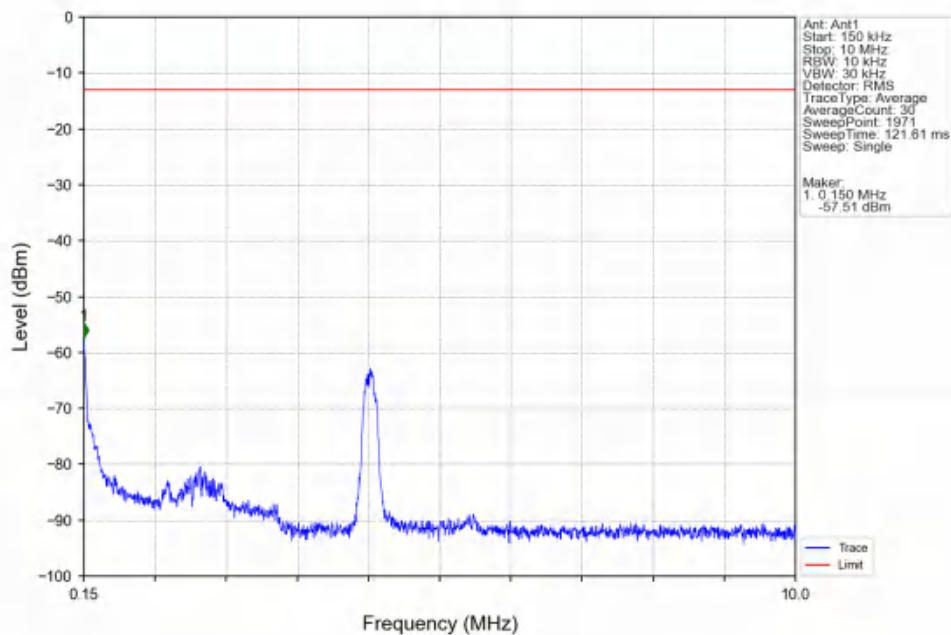
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



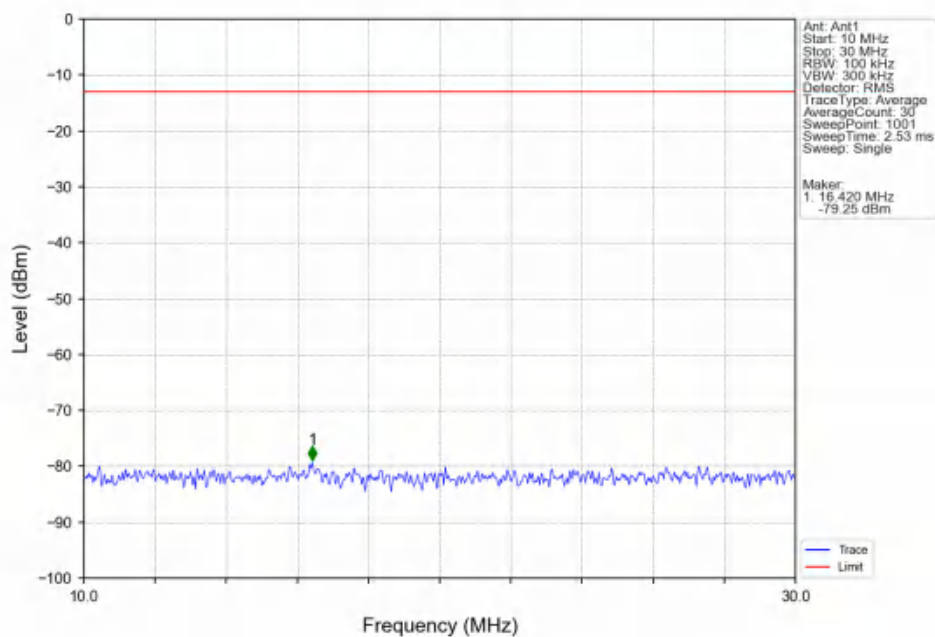
6.2.2 B4_3MHz



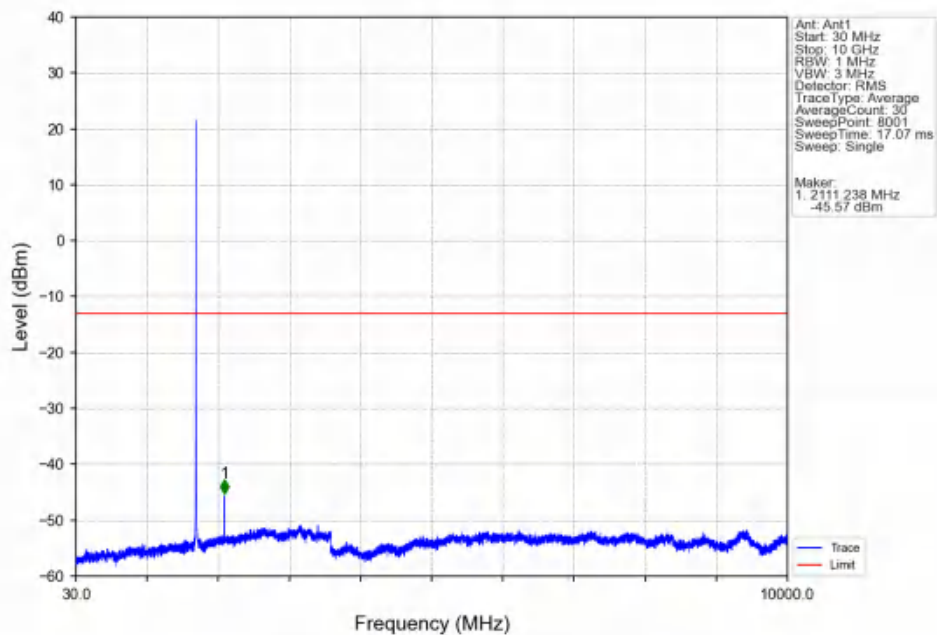
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



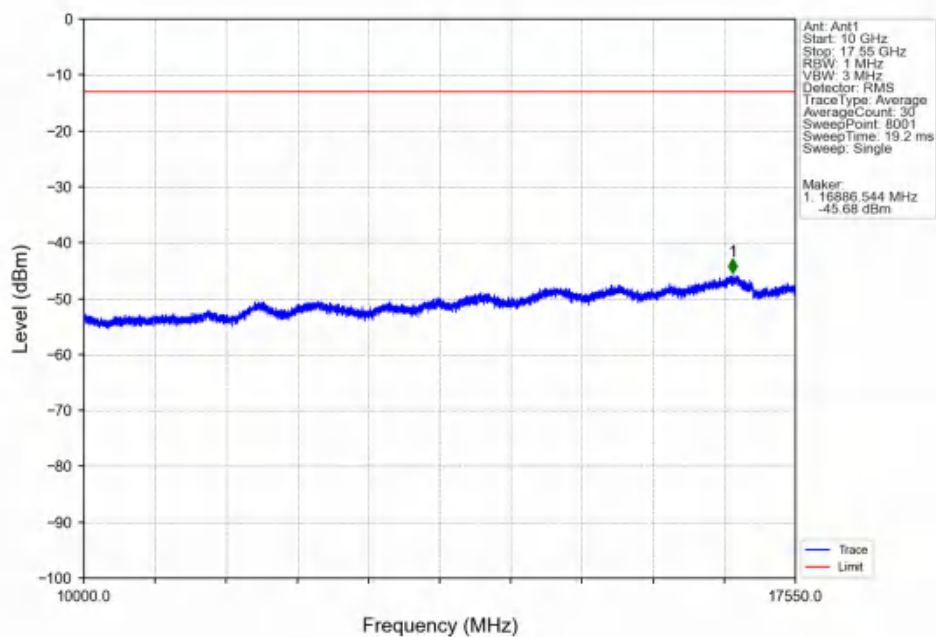
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



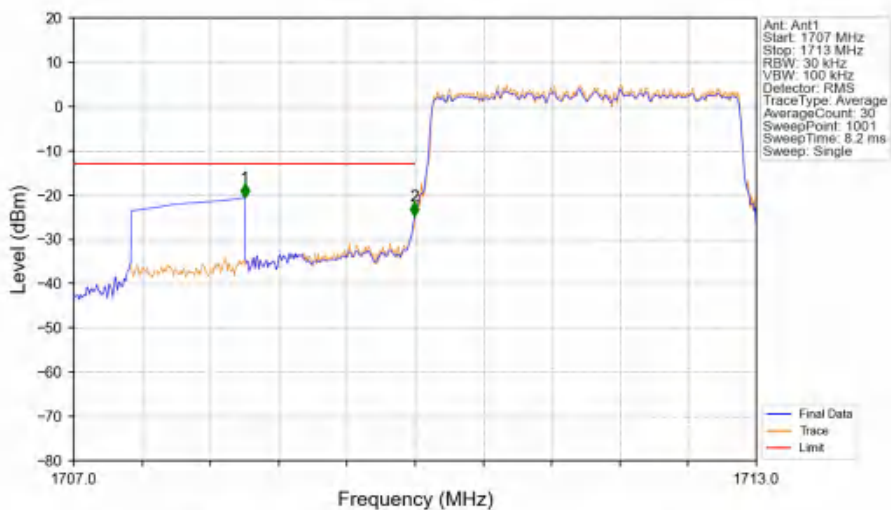
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

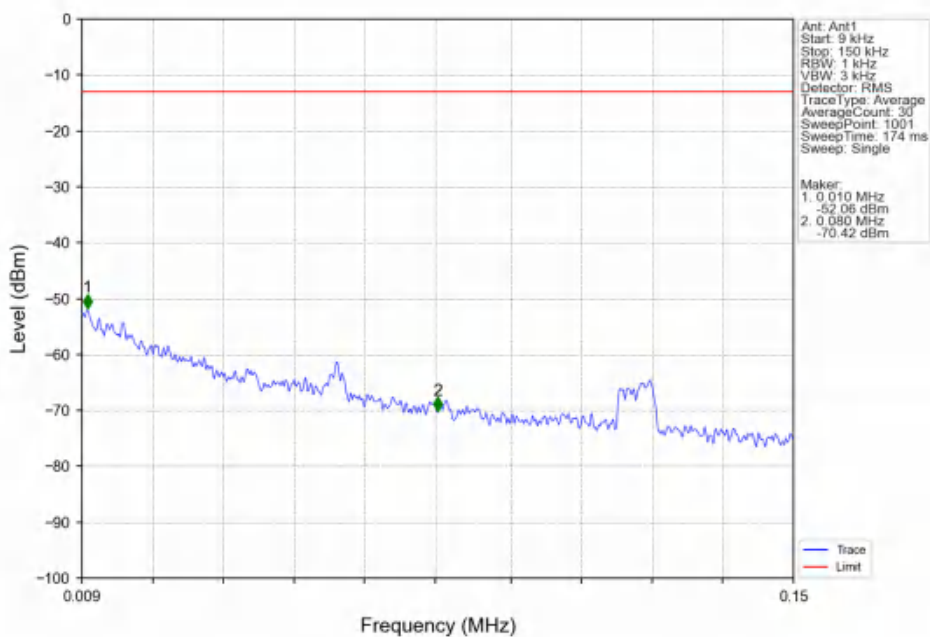


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

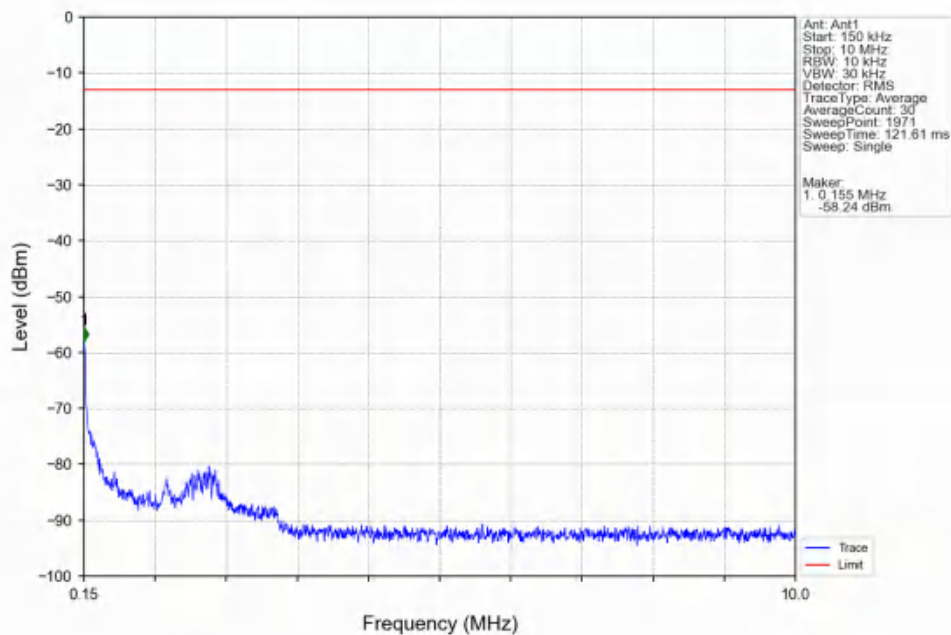


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-20.59	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-24.82	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

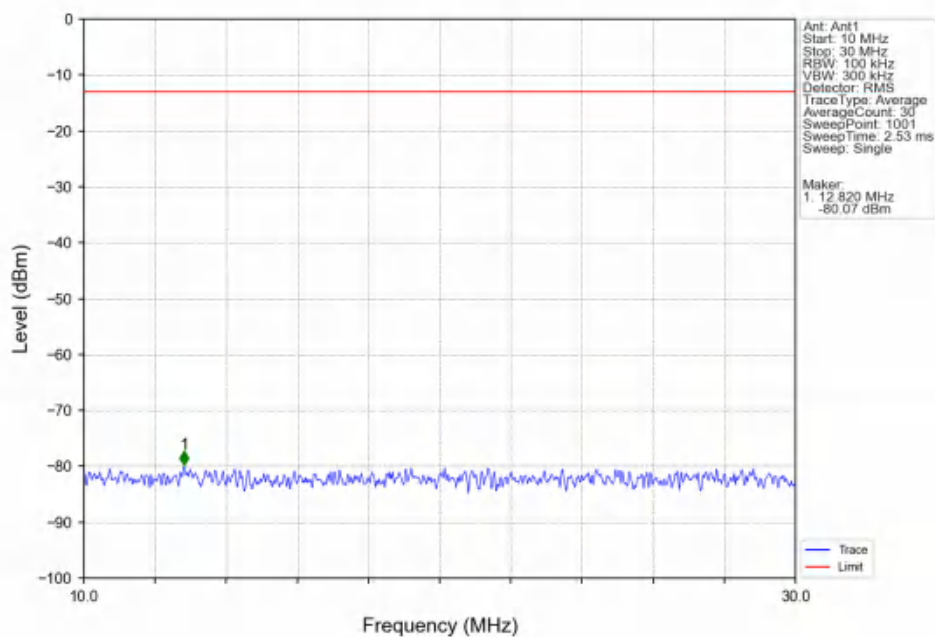
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



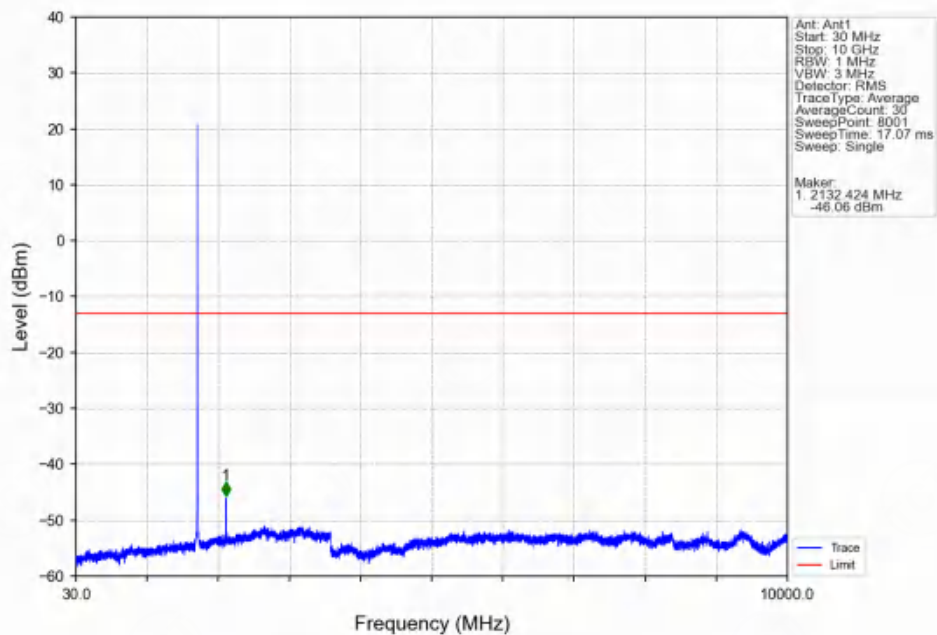
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



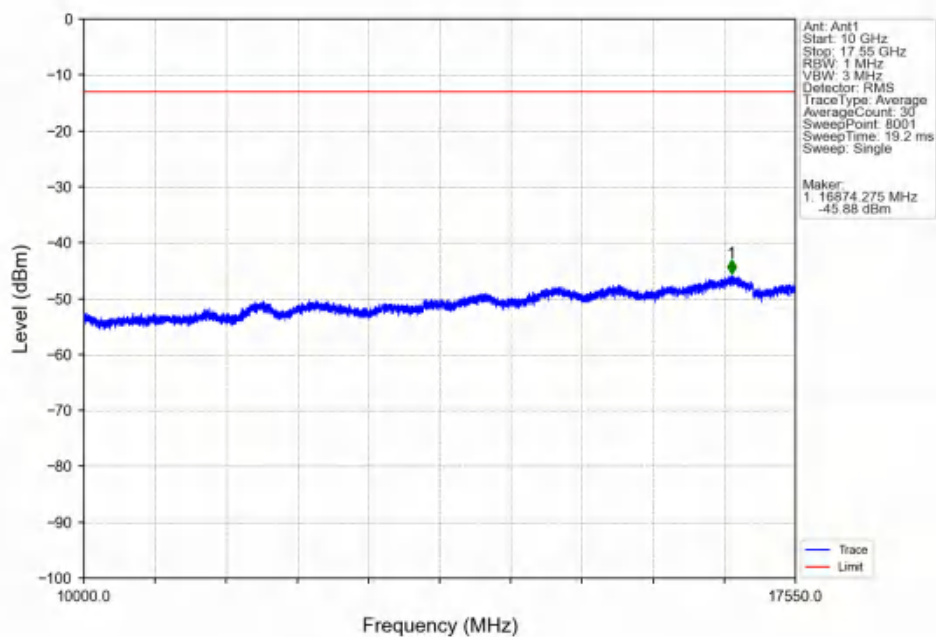
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



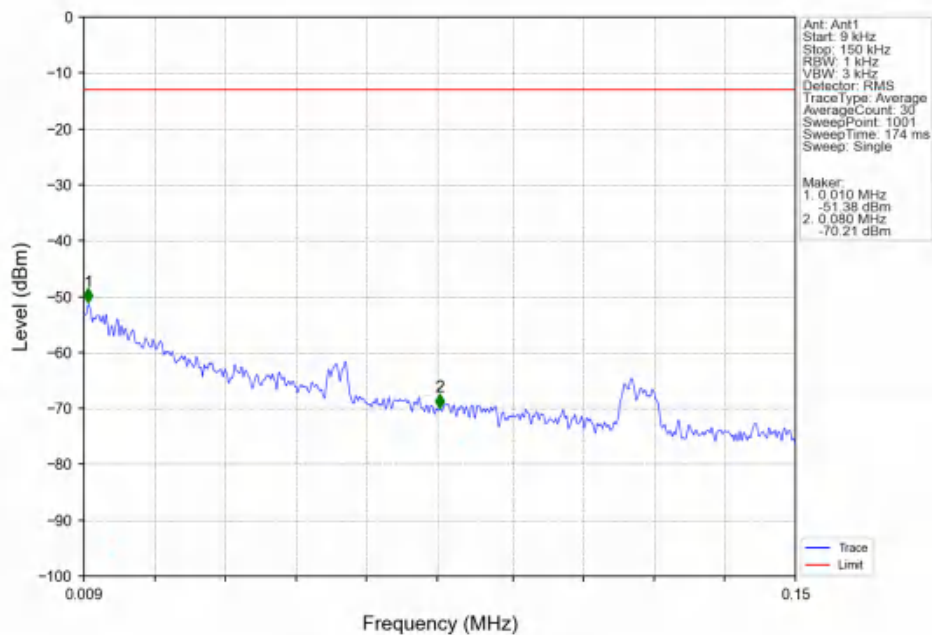
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



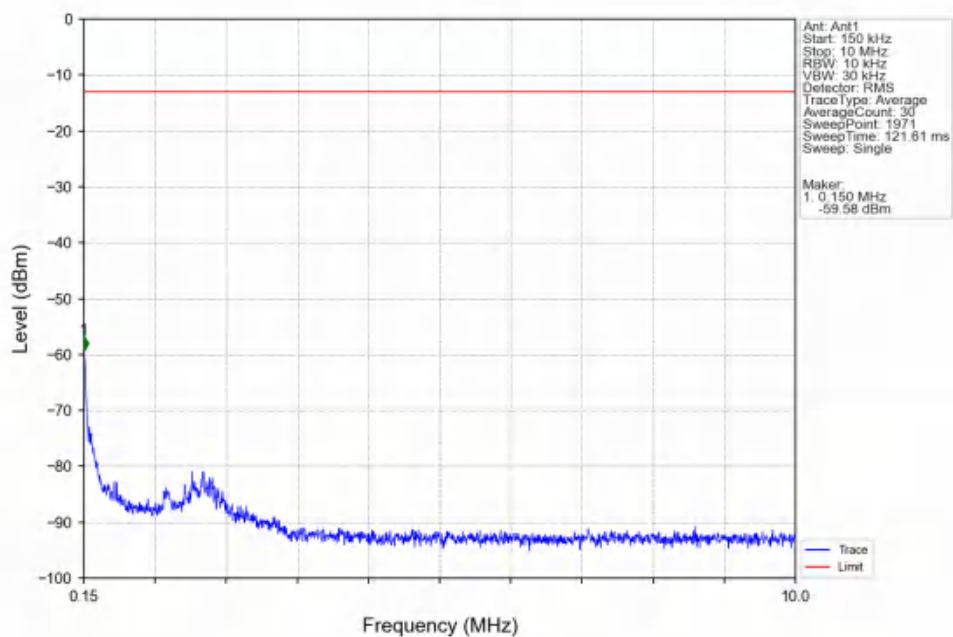
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



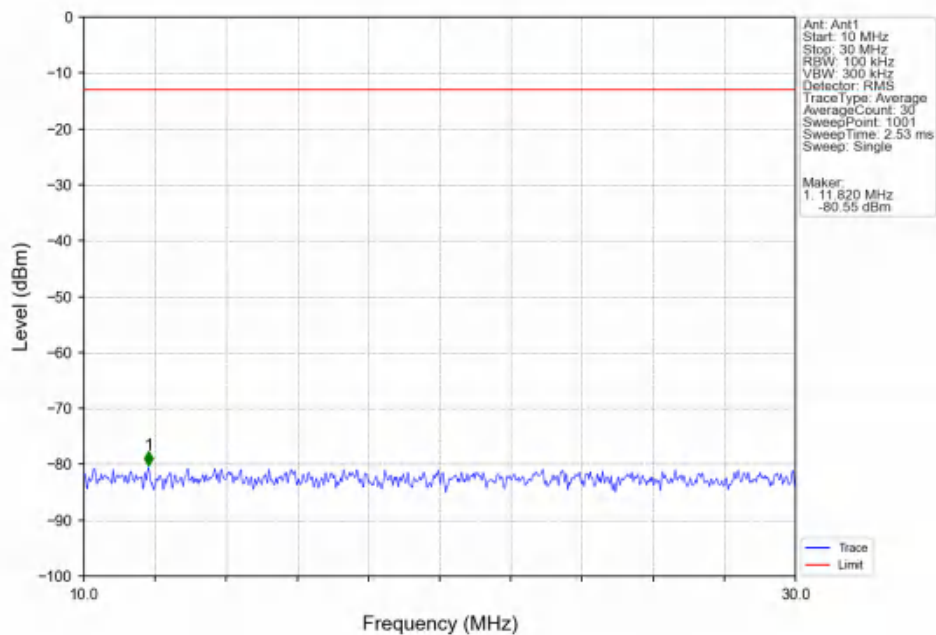
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



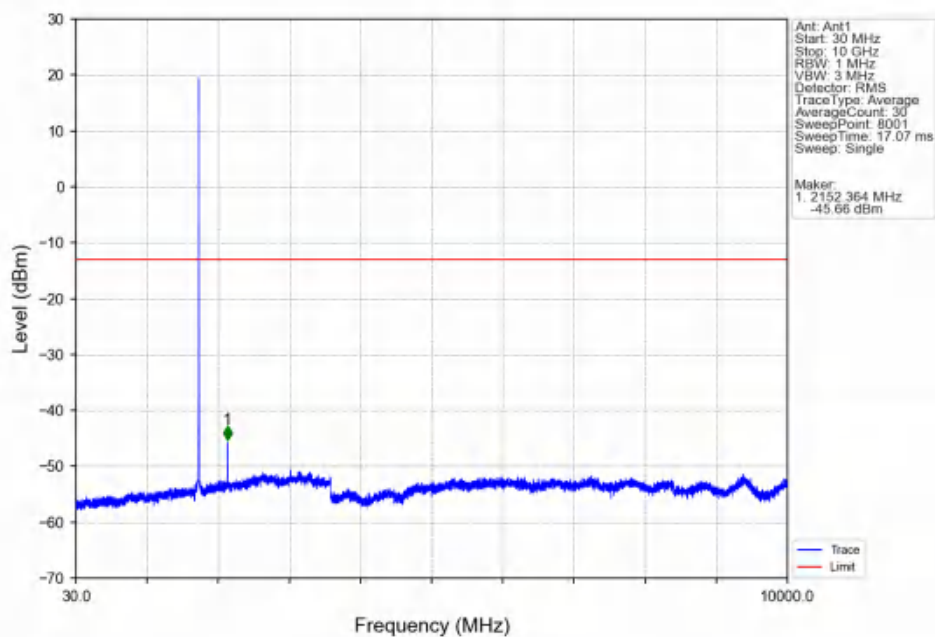
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



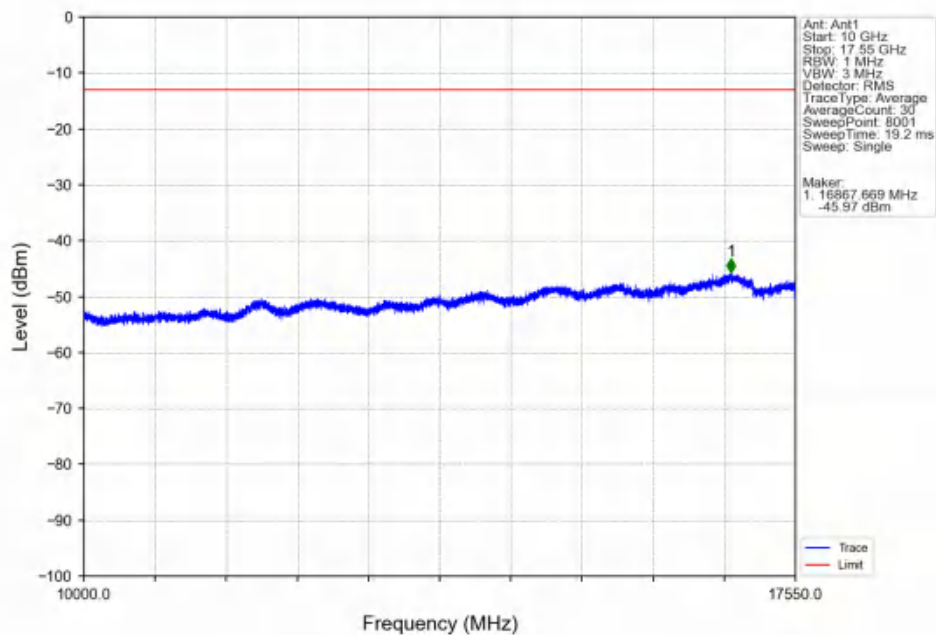
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



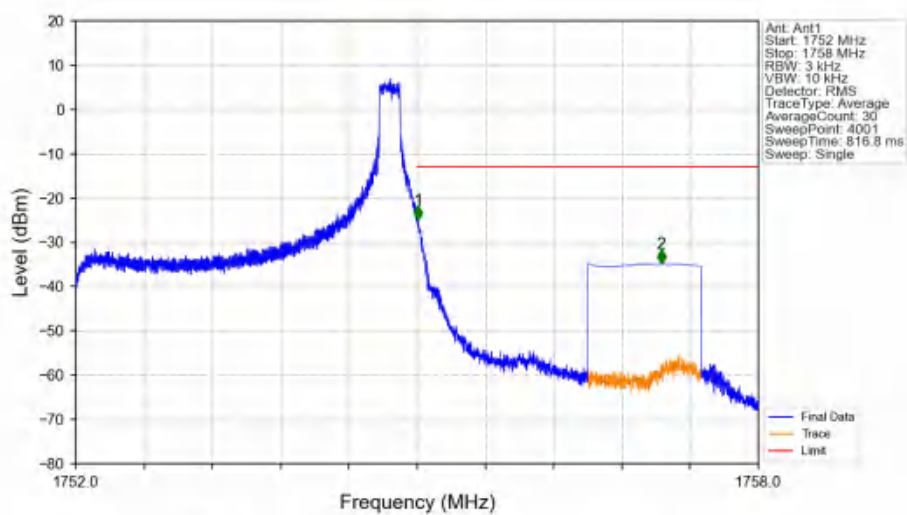
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV

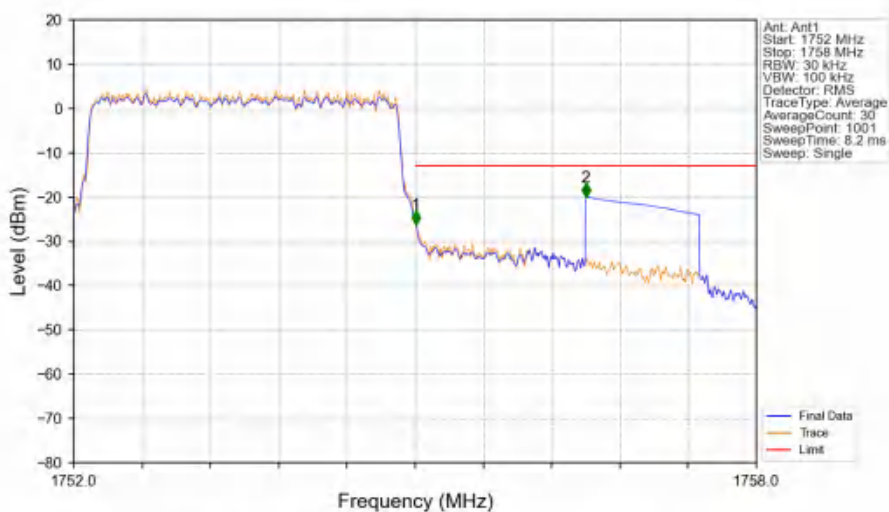


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV

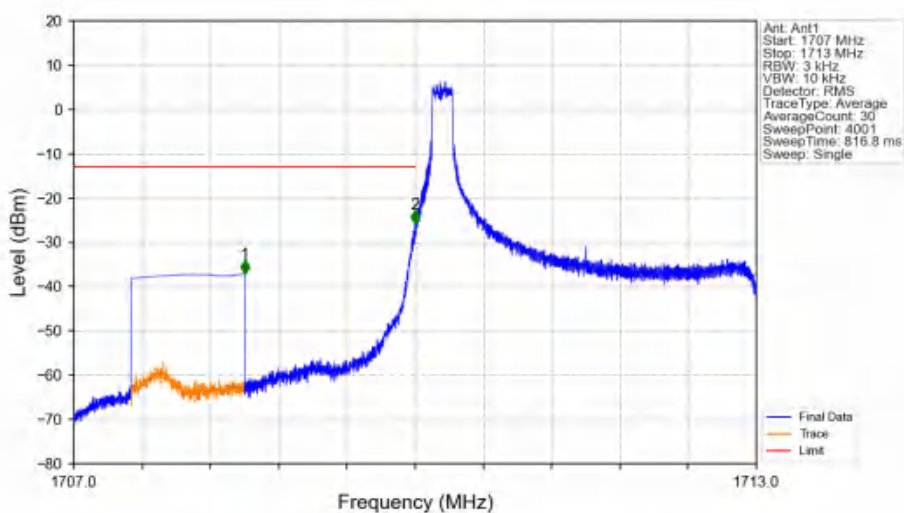


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-25.01	-13	Pass
1756	1758	1	CHP	2	1757.147	-34.85	-13	Pass

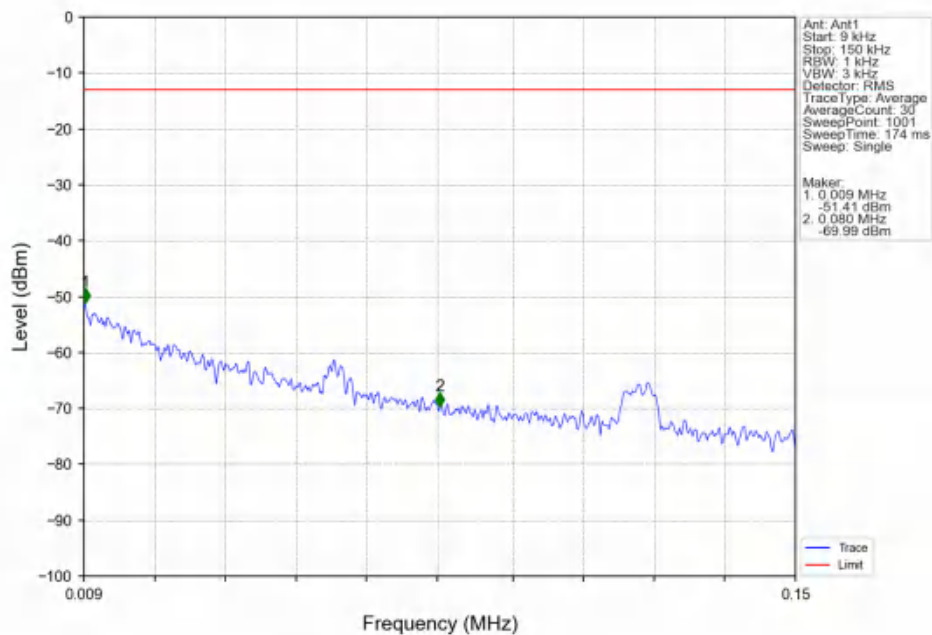
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



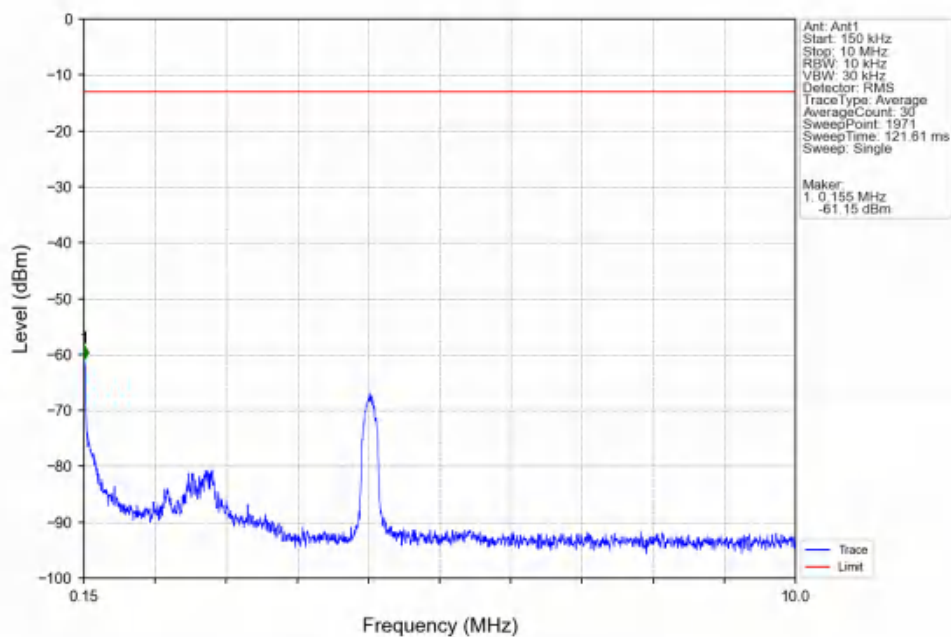
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV



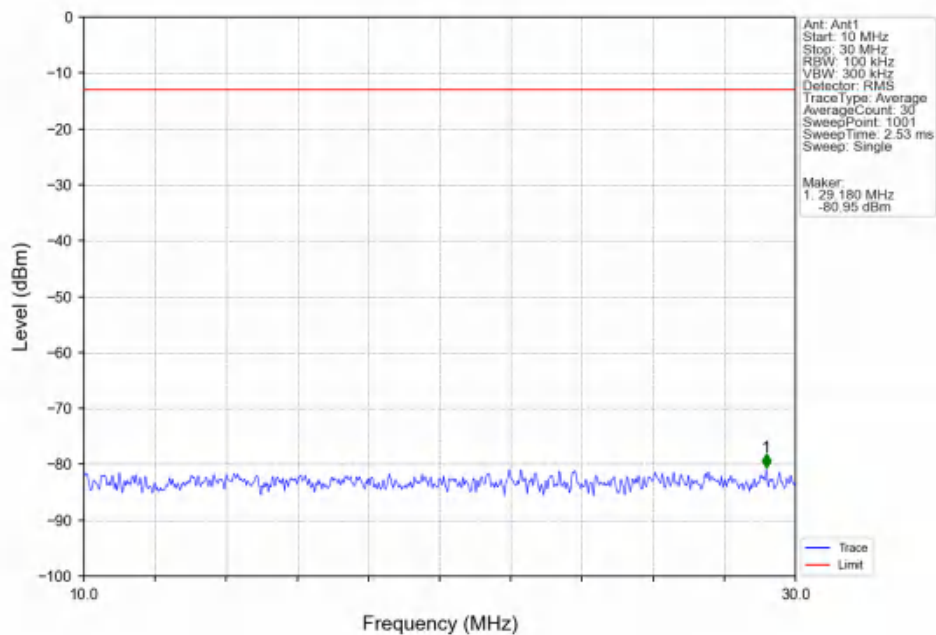
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



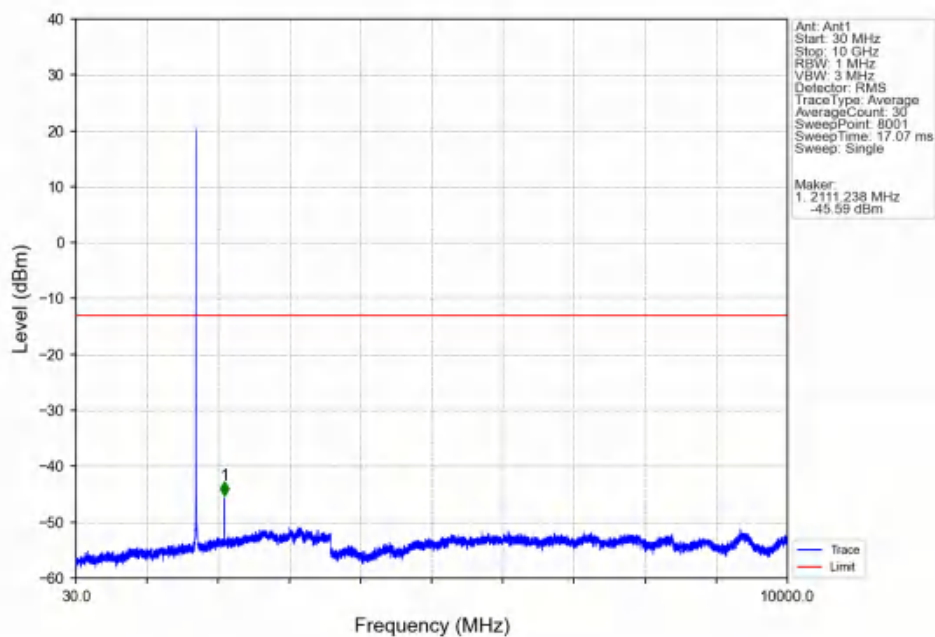
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



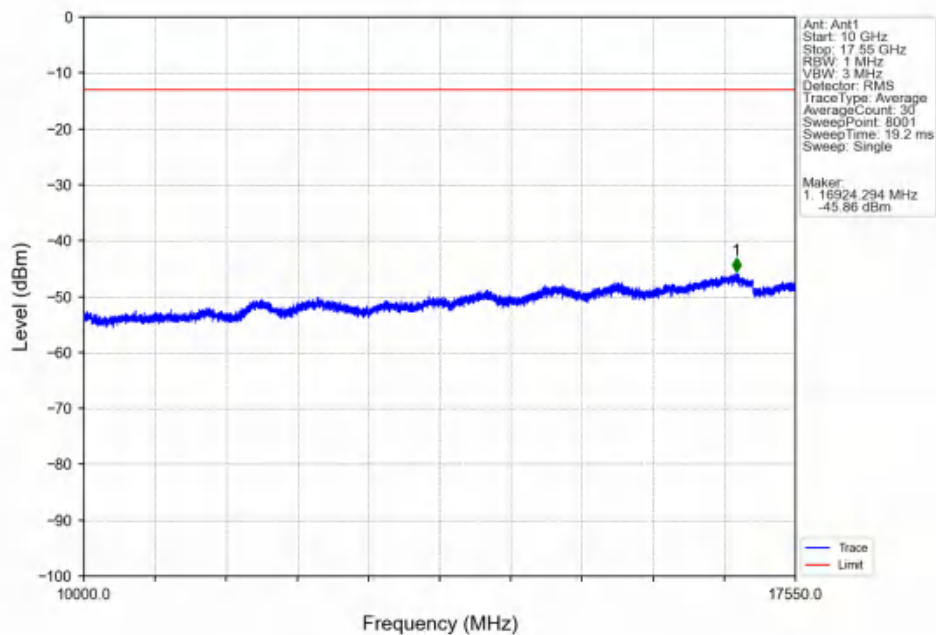
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



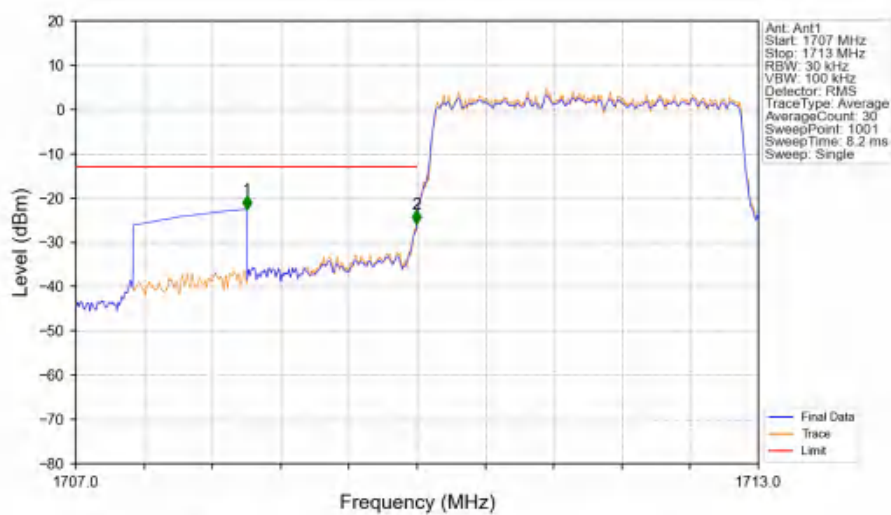
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV

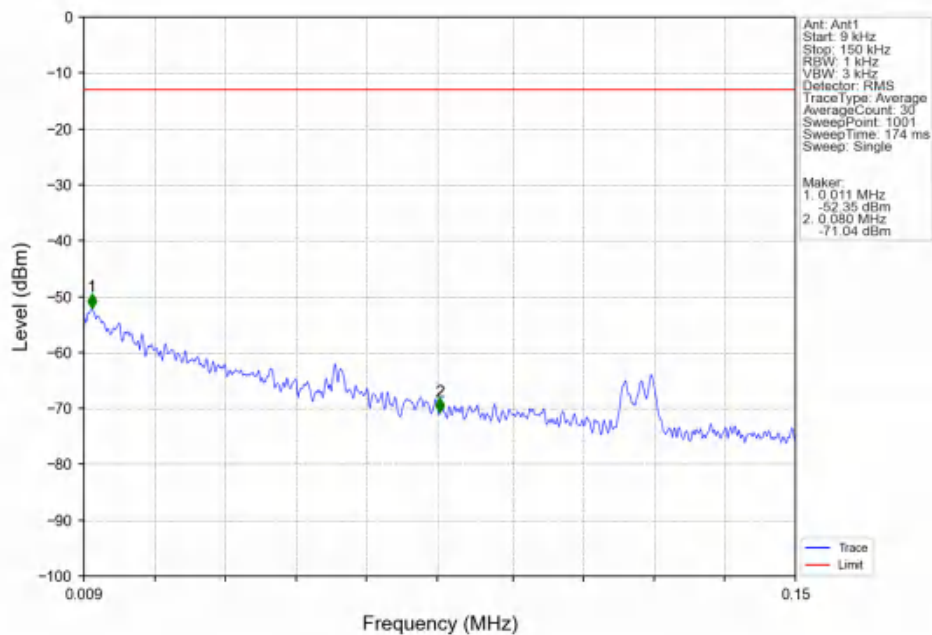


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV

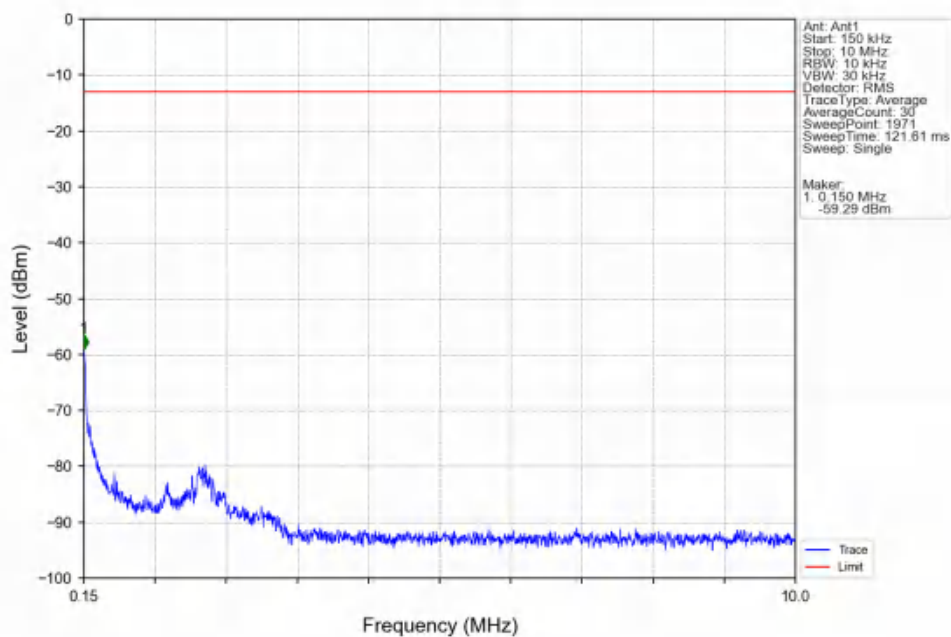


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-22.57	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-25.78	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

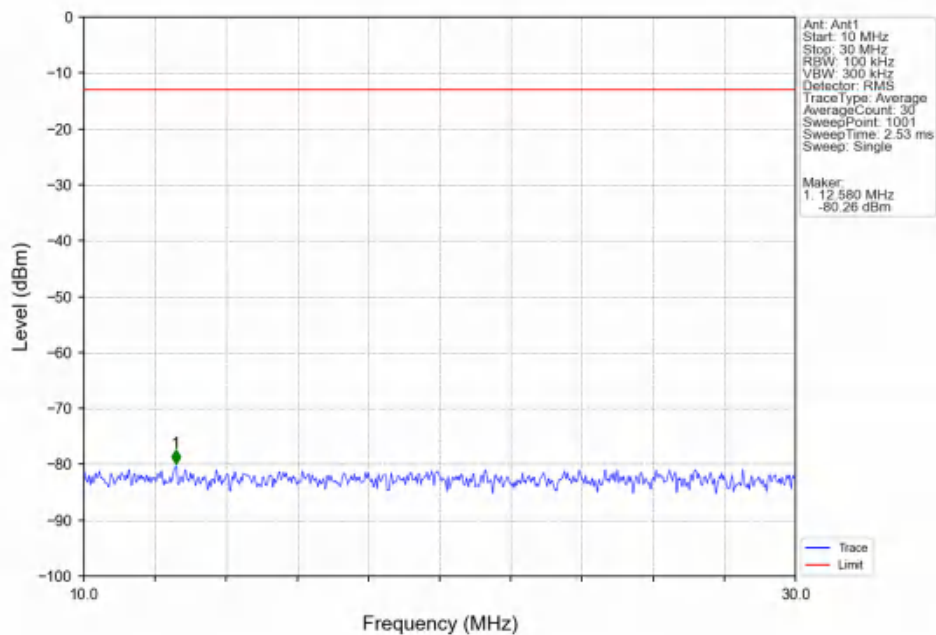
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



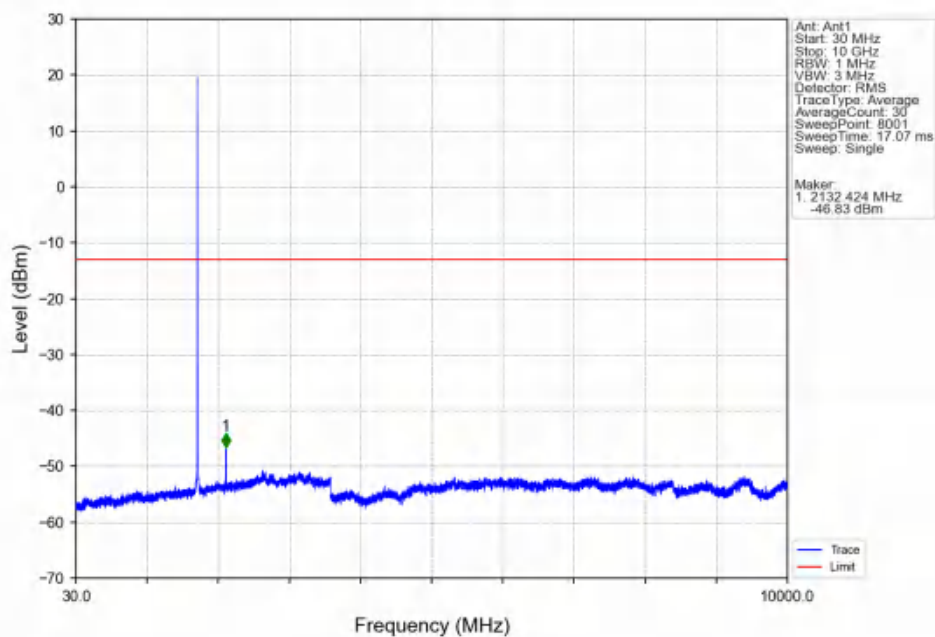
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



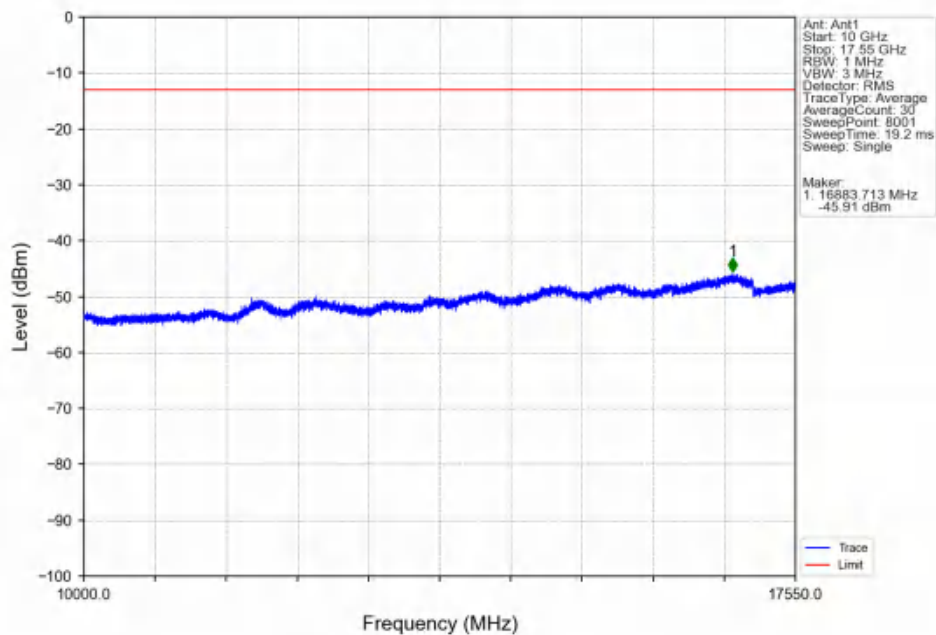
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



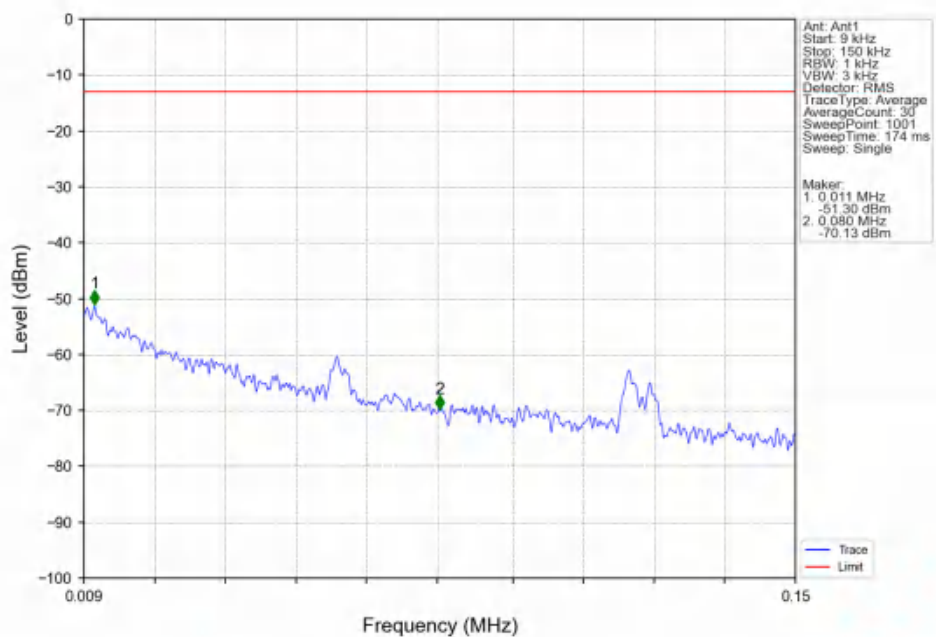
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



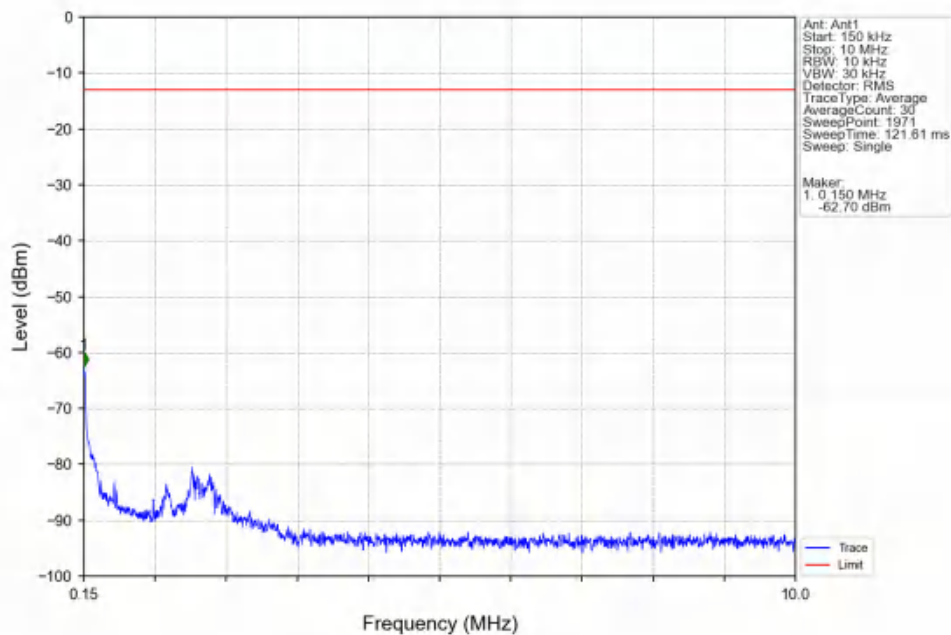
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



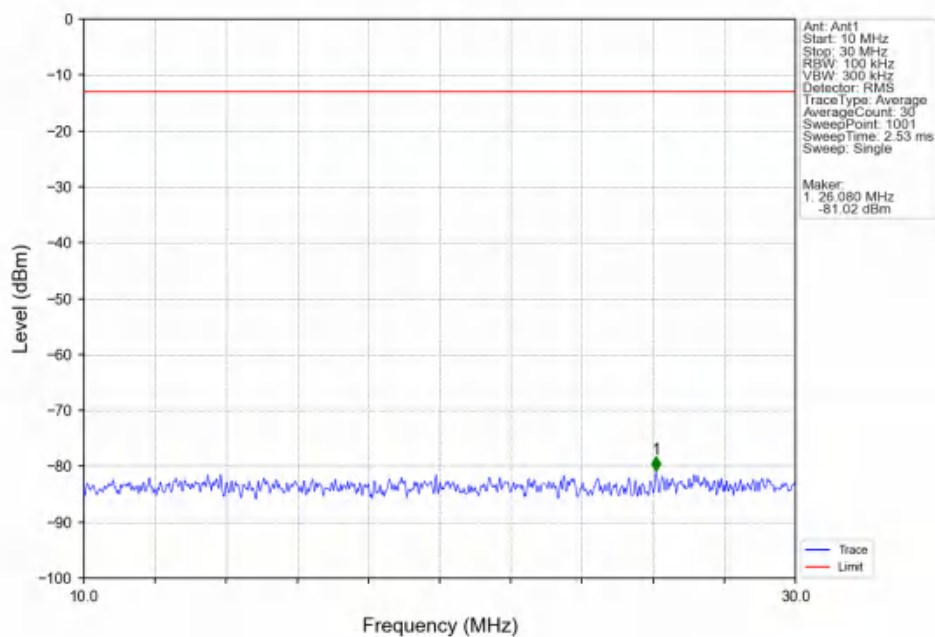
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



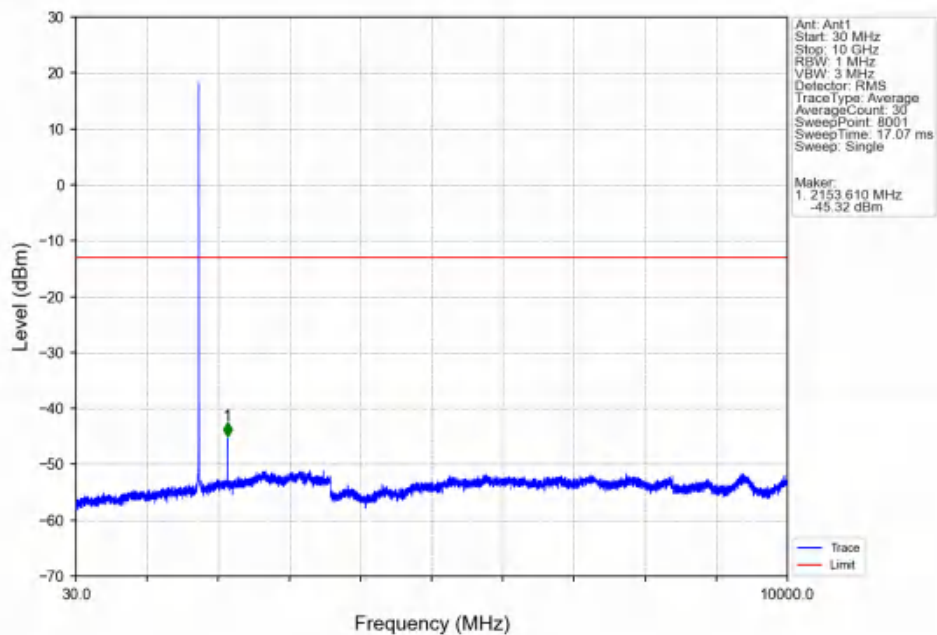
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTNV



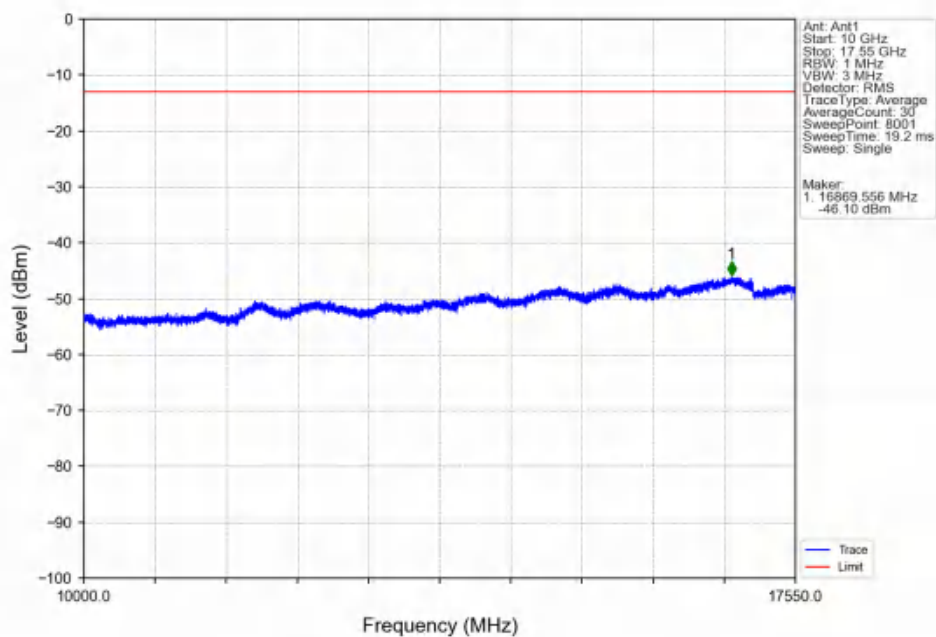
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTNV



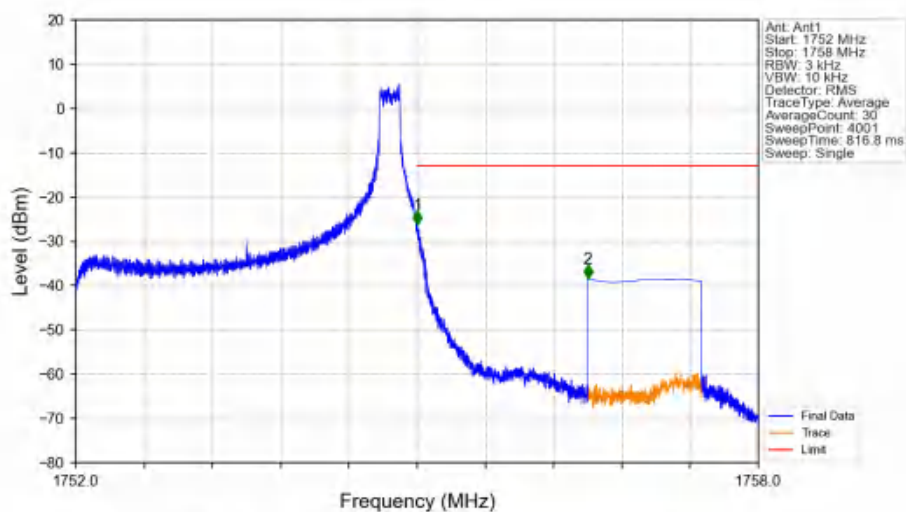
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV

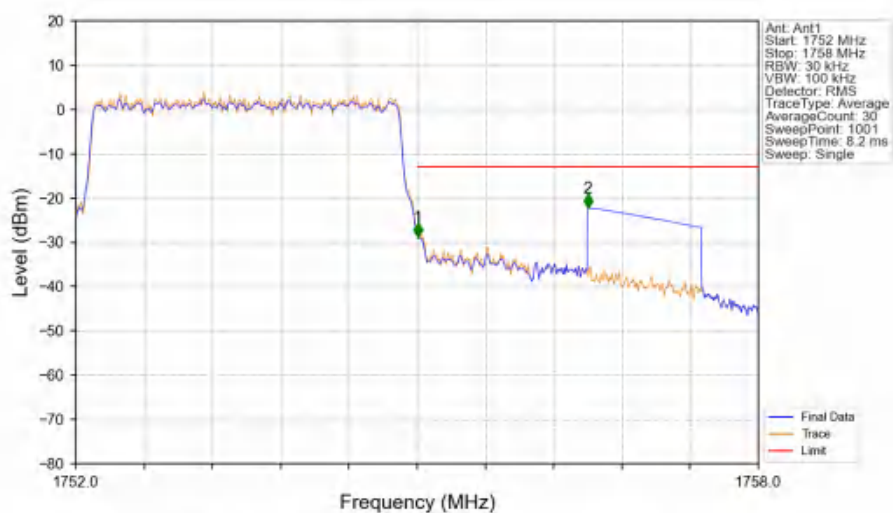


Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTV



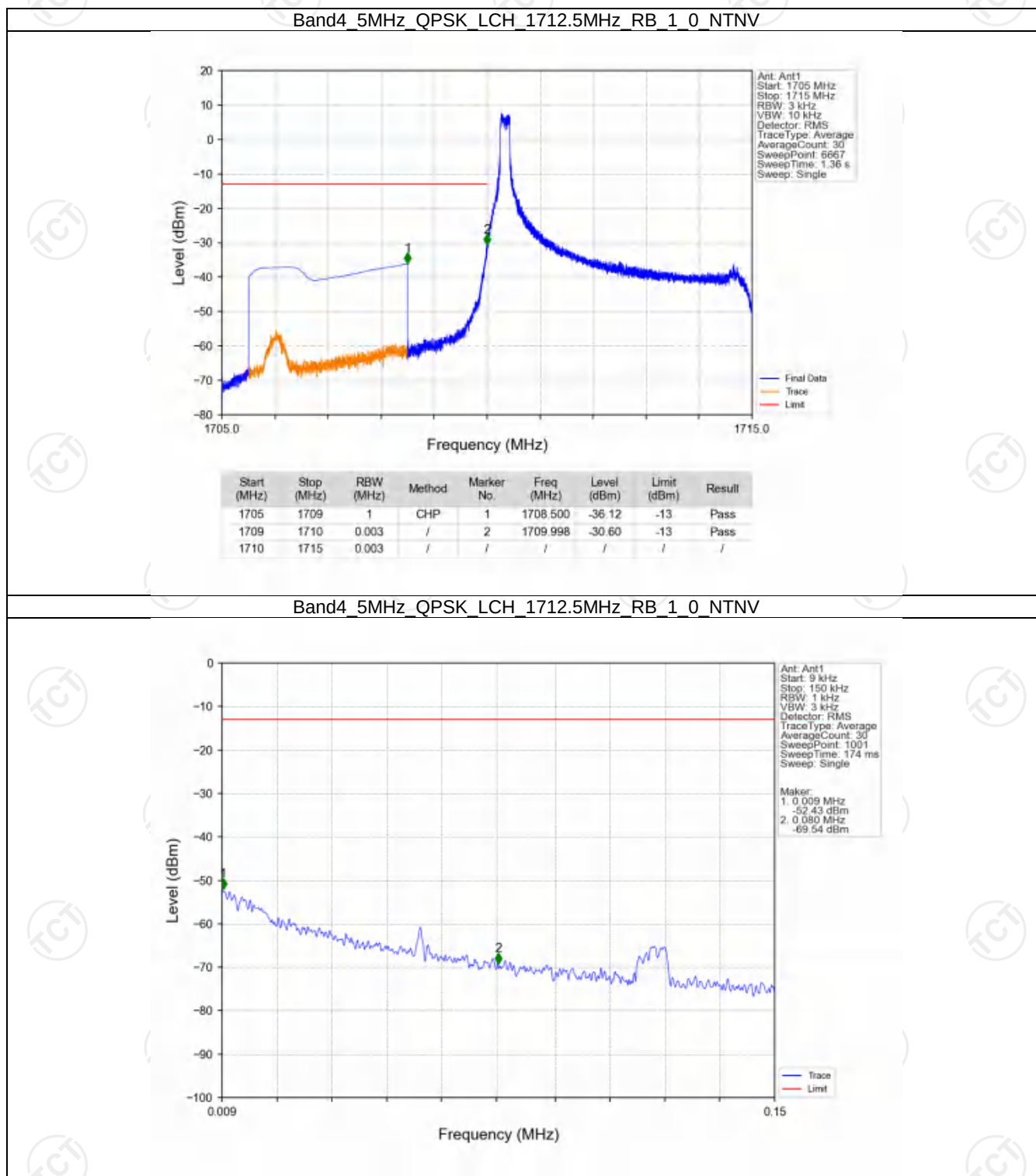
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-26.22	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.44	-13	Pass

Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV

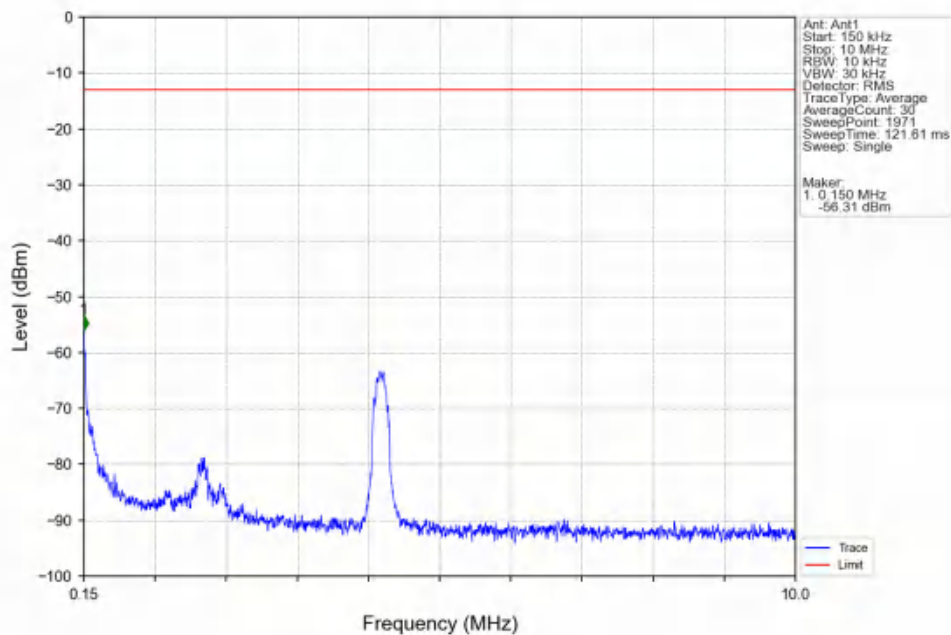


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-28.77	-13	Pass
1756	1758	1	CHP	2	1756.500	-22.27	-13	Pass

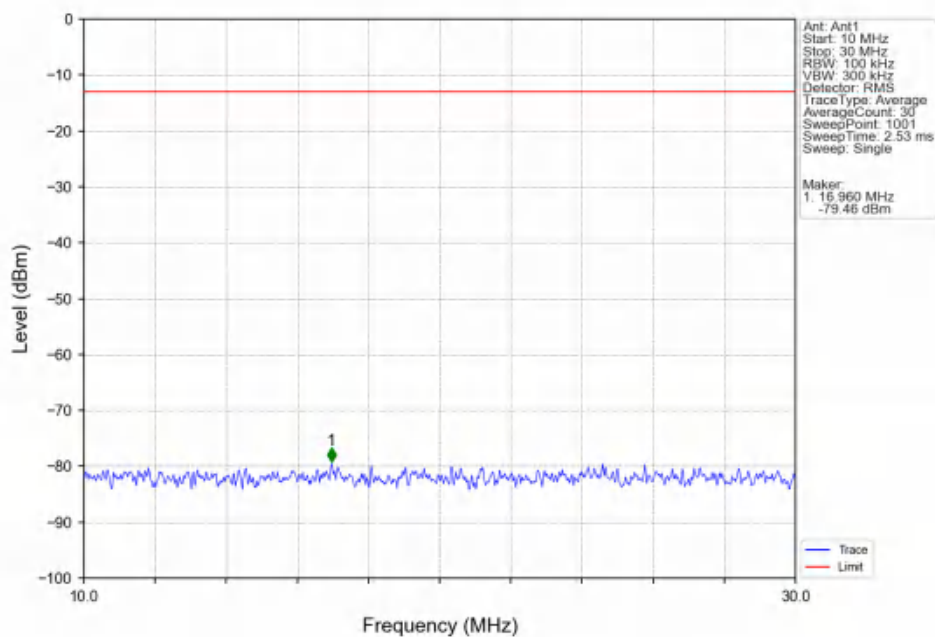
6.2.3 B4_5MHz



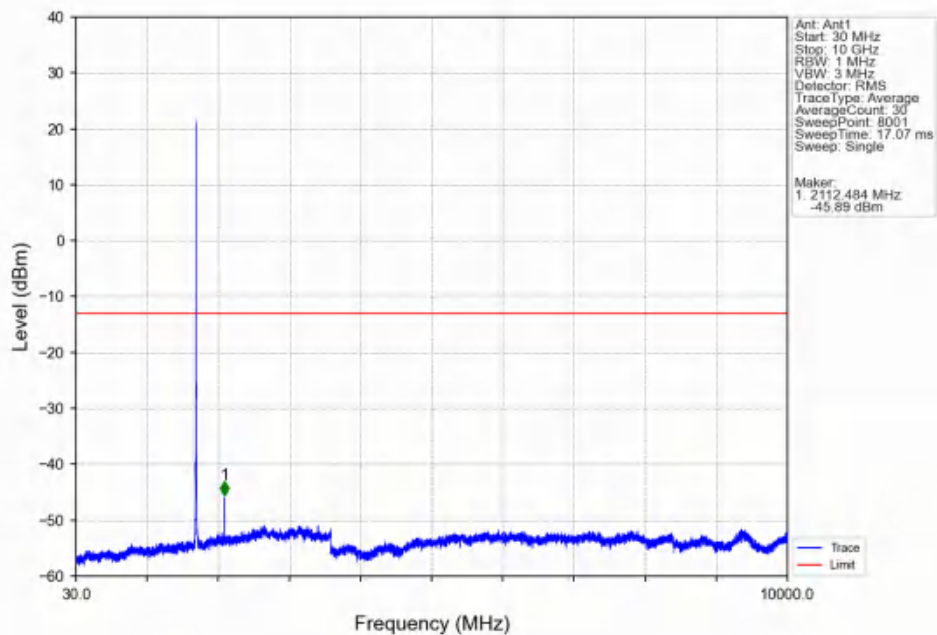
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



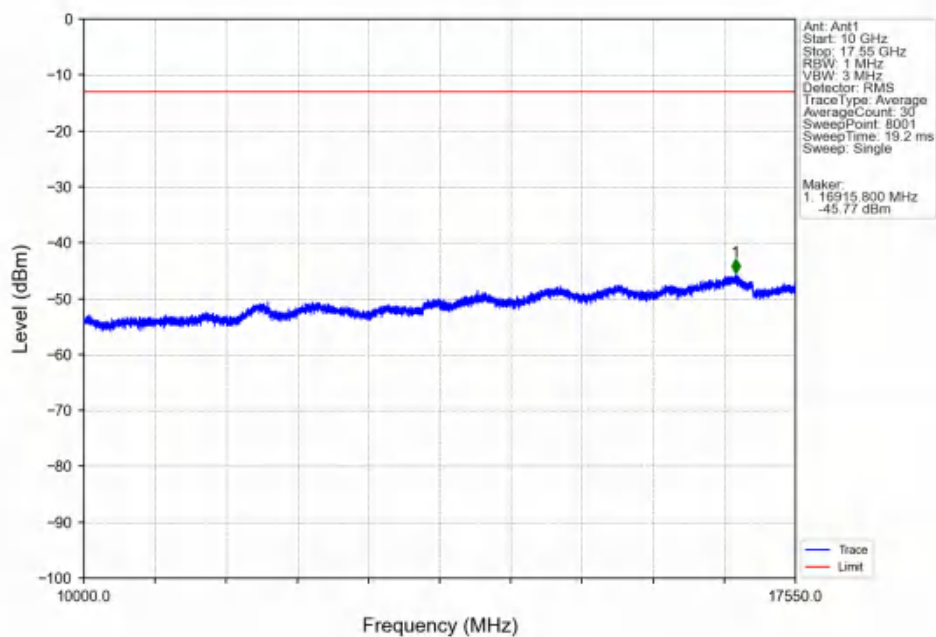
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



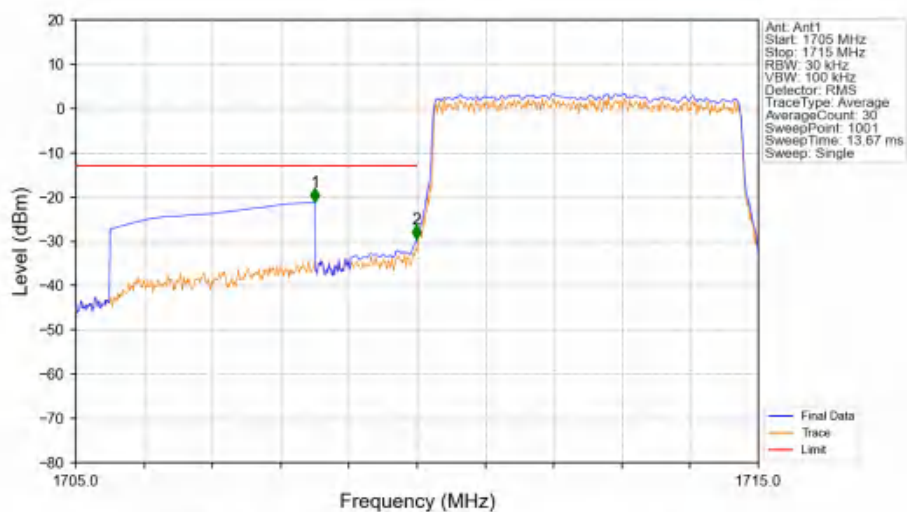
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



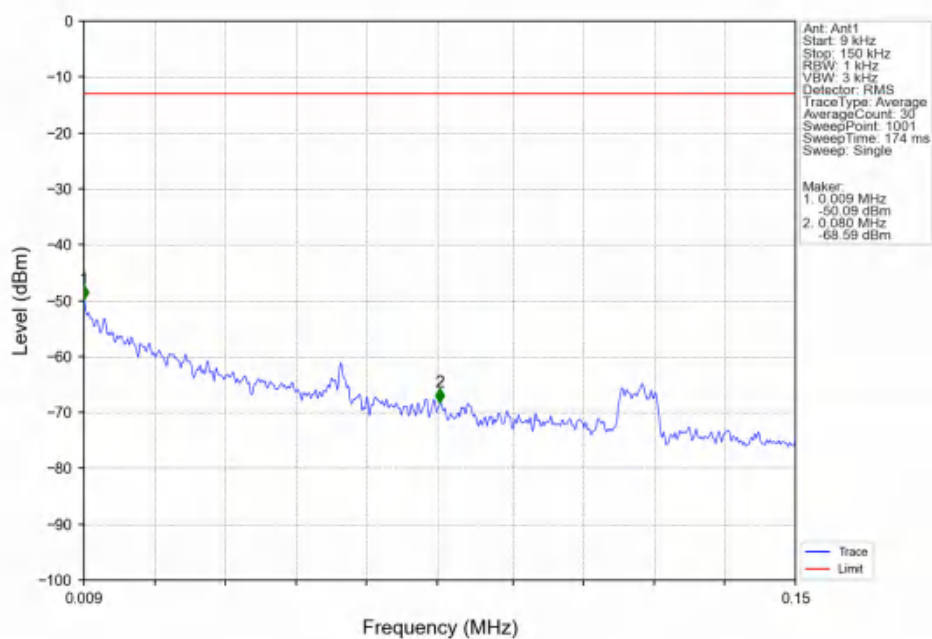
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



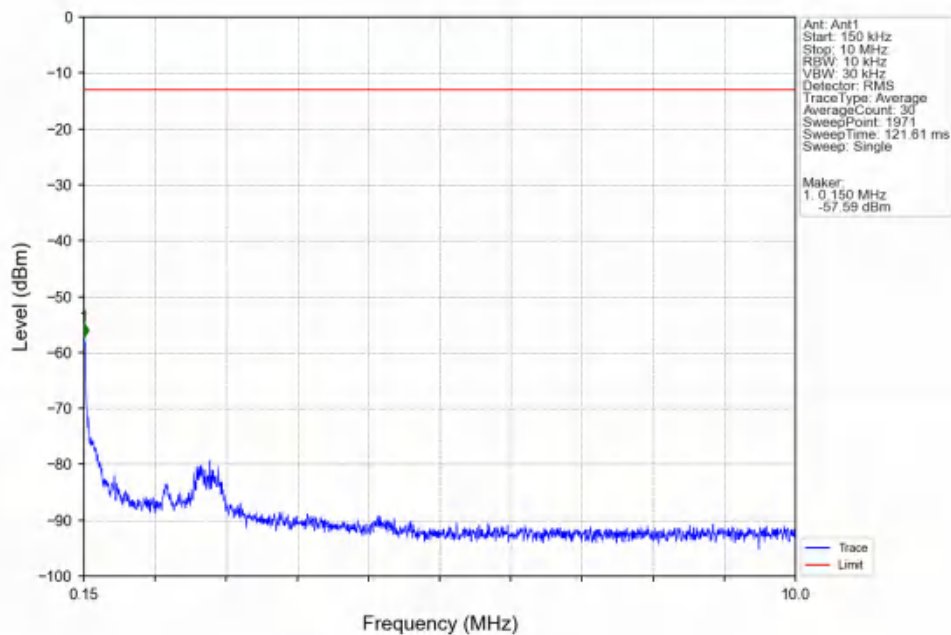
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



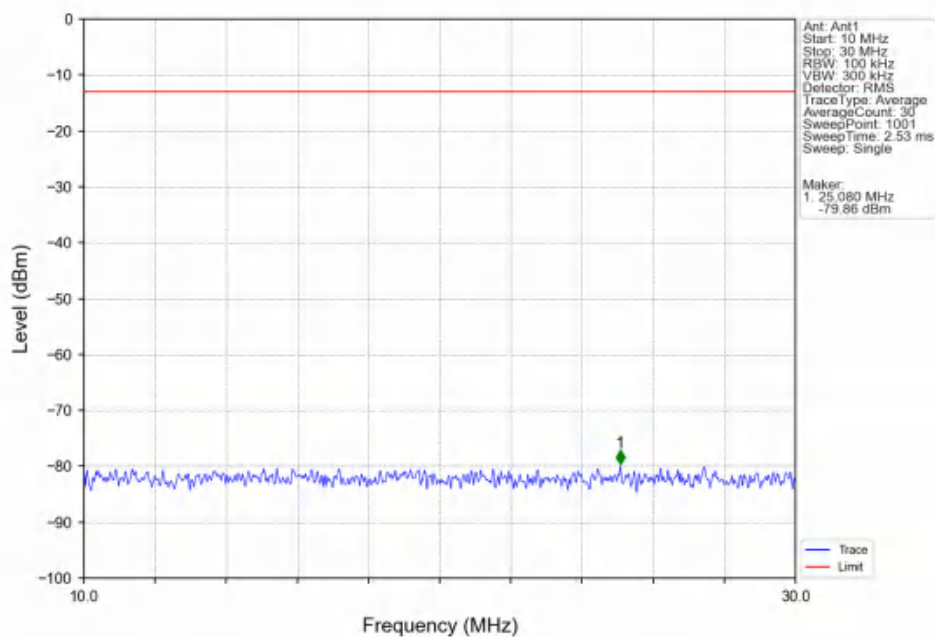
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



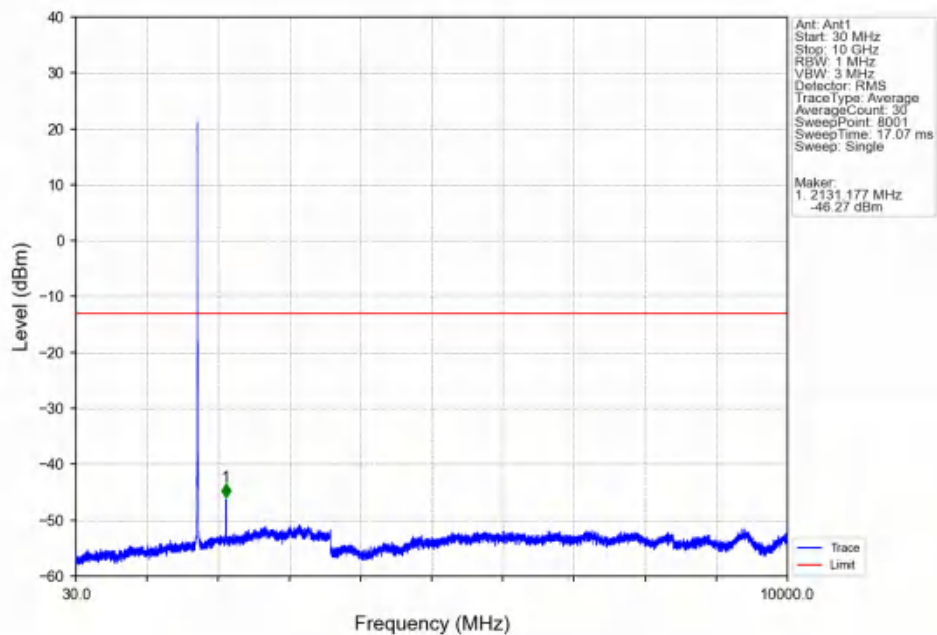
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



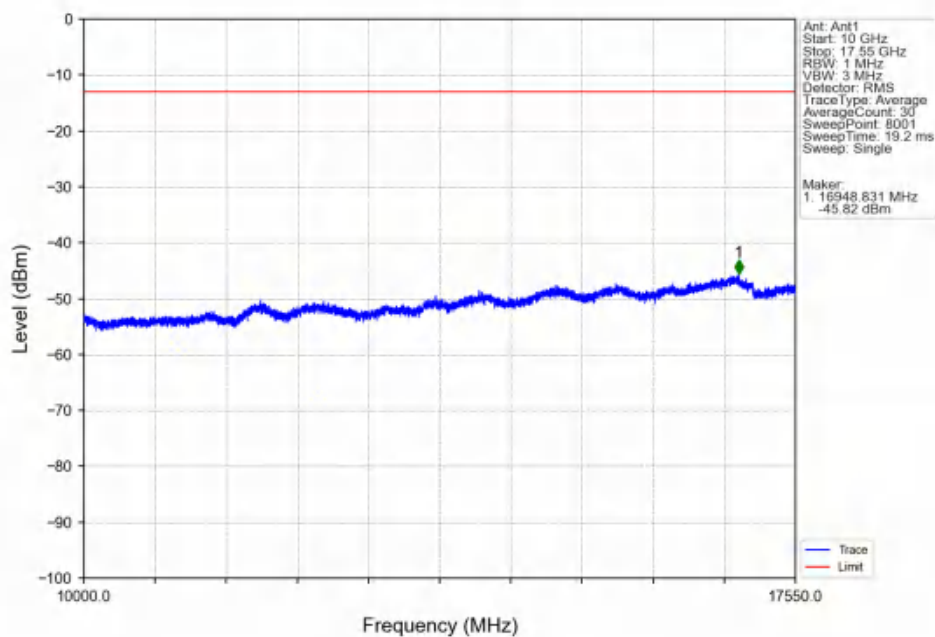
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



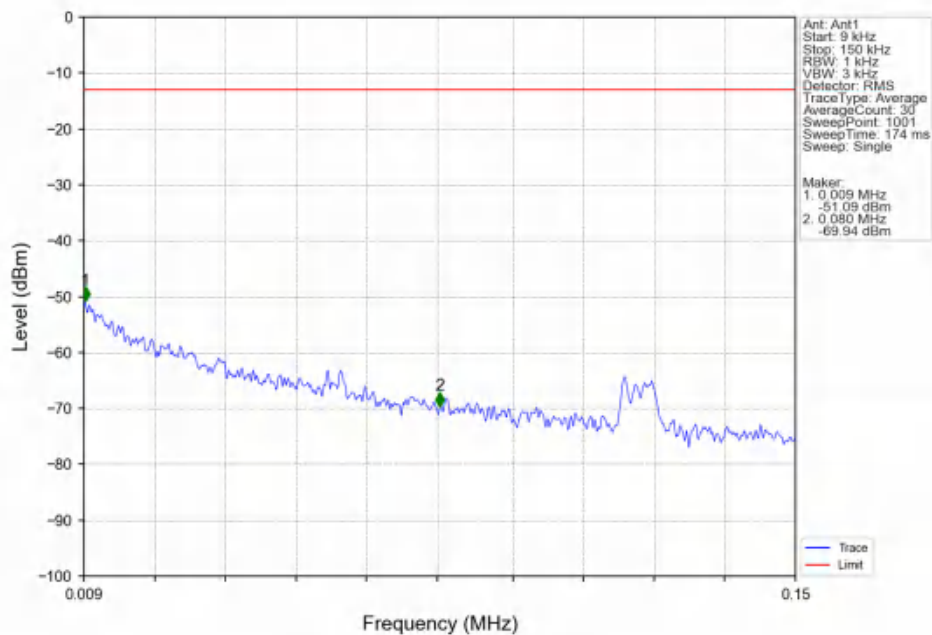
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



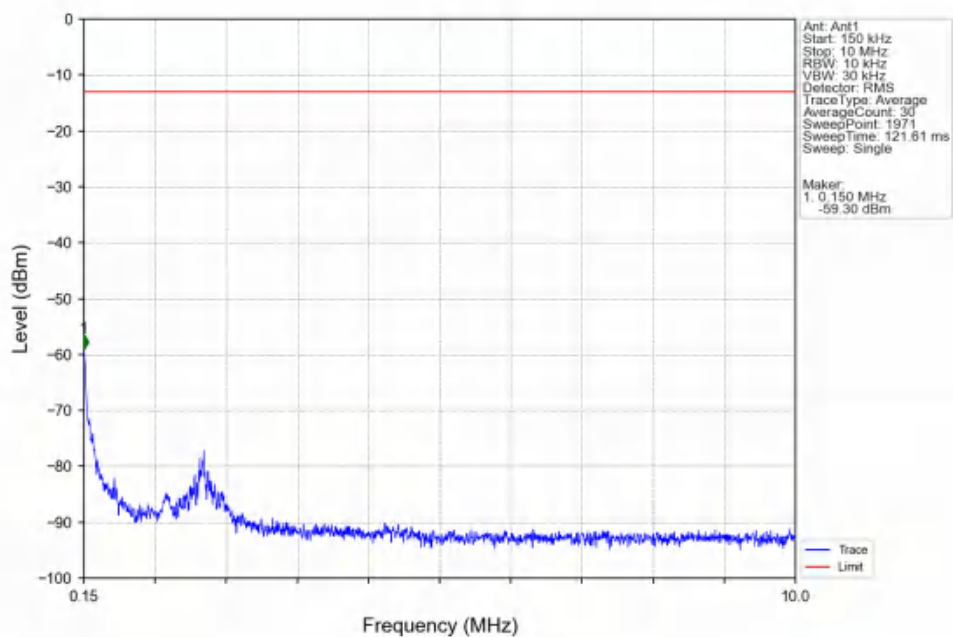
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



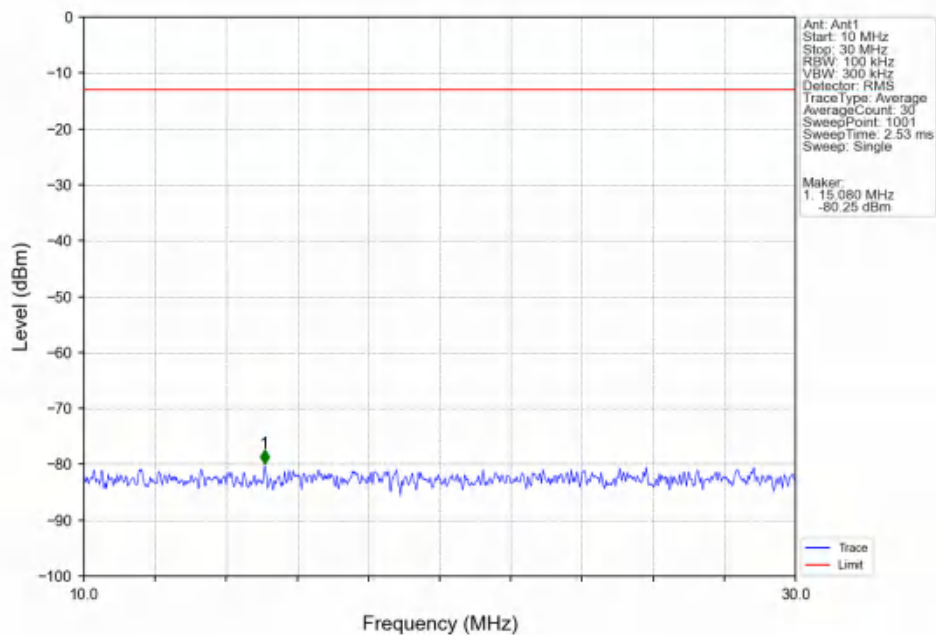
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



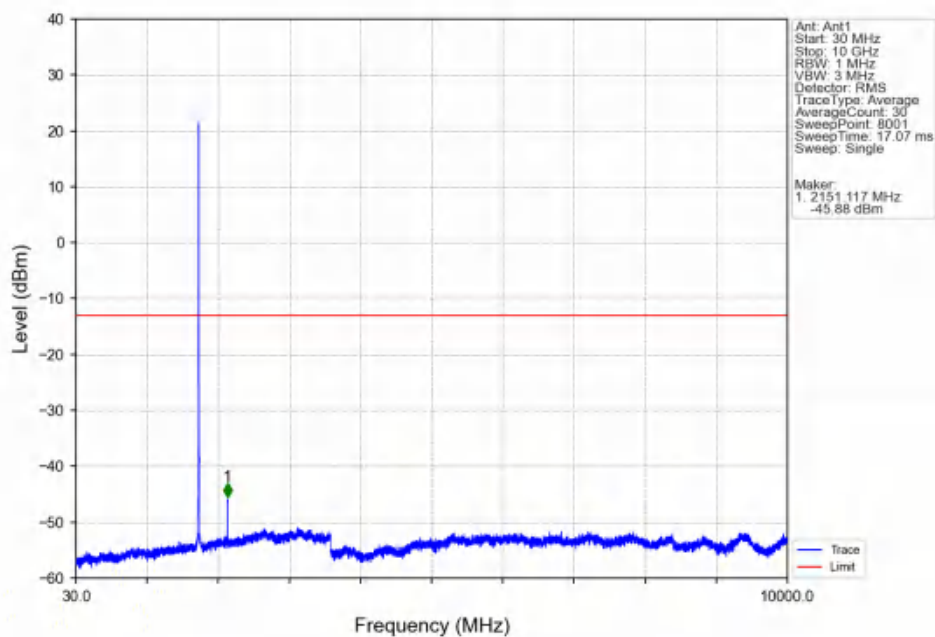
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



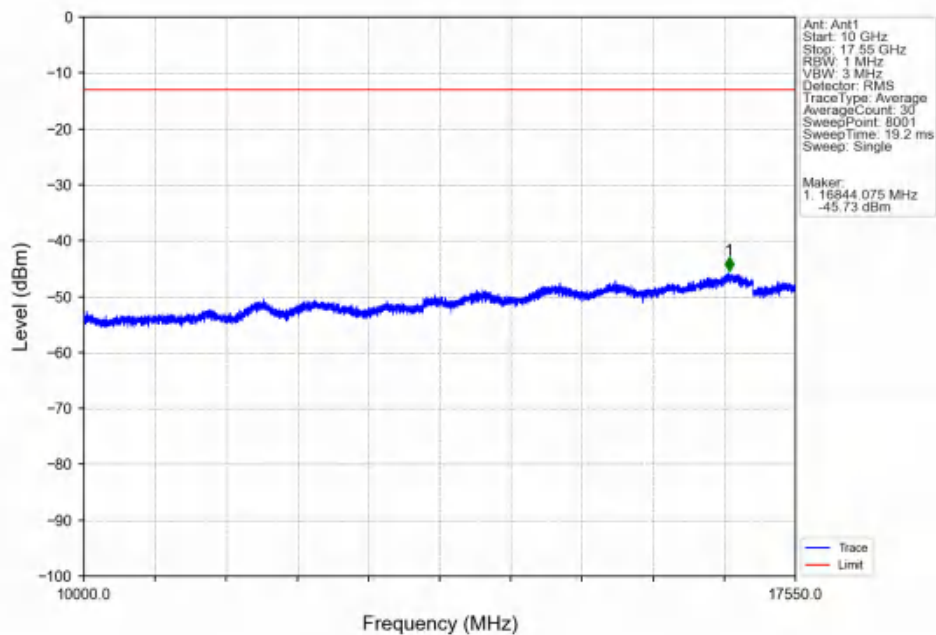
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



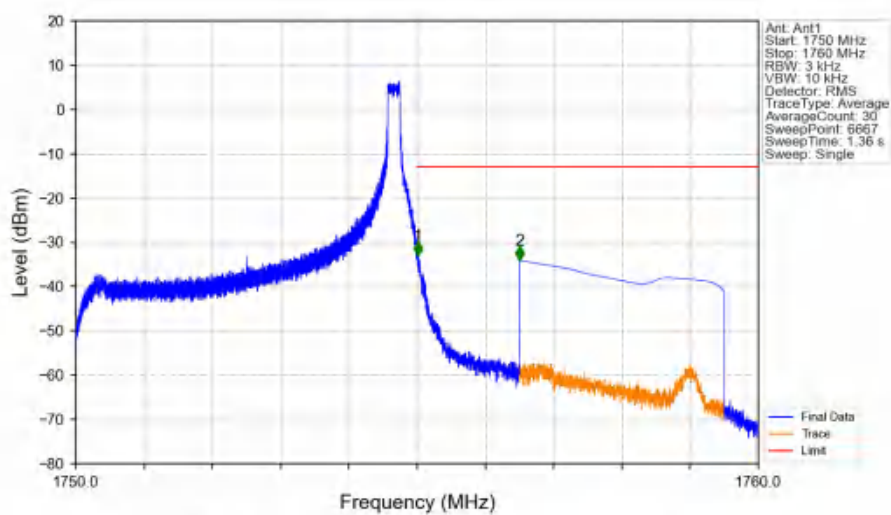
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

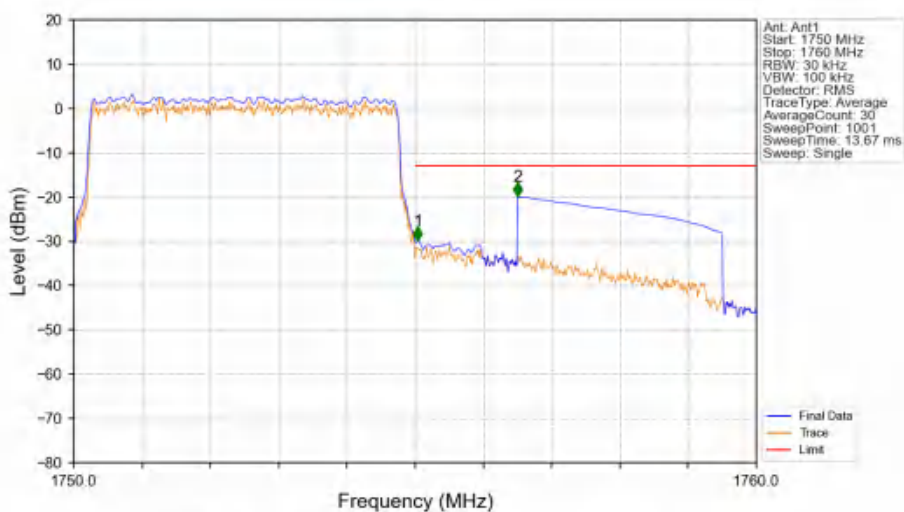


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTNV



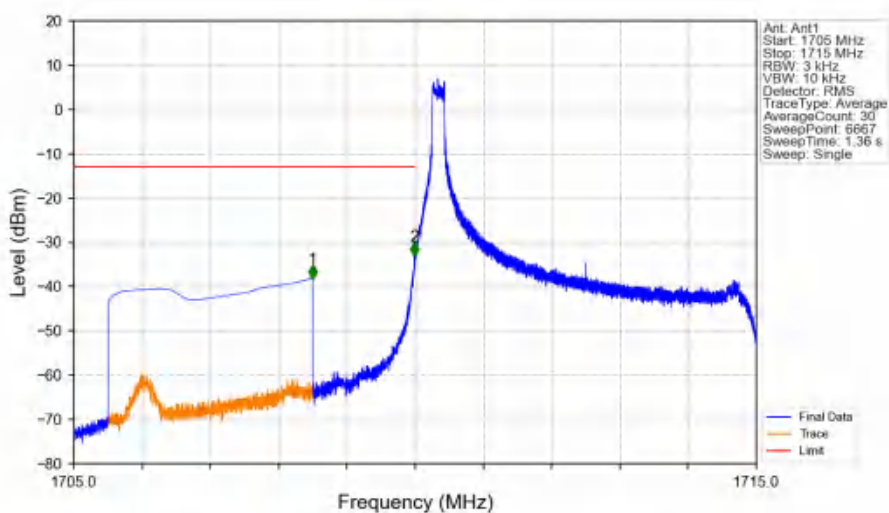
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-32.97	-13	Pass
1756	1760	1	CHP	2	1756.500	-34.05	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



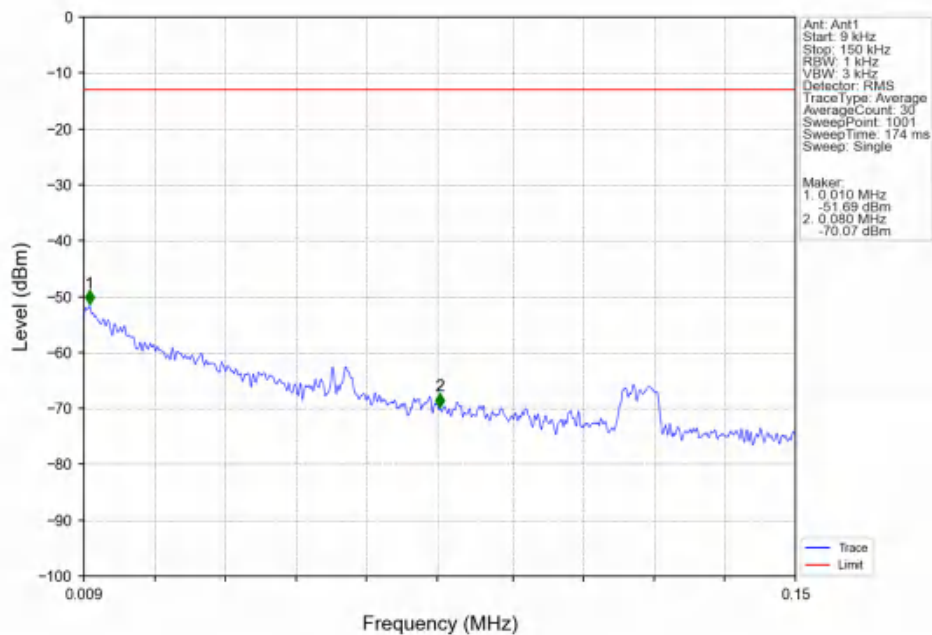
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.040	-29.88	-13	Pass
1756	1760	1	CHP	2	1756.500	-19.91	-13	Pass

Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV

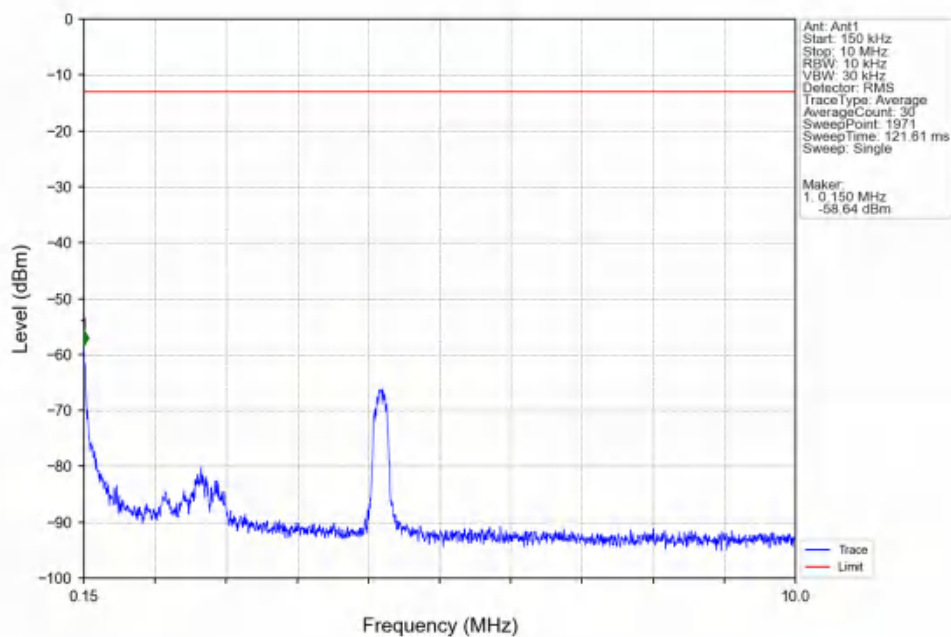


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.495	-38.20	-13	Pass
1709	1710	0.003	/	2	1709.991	-33.13	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

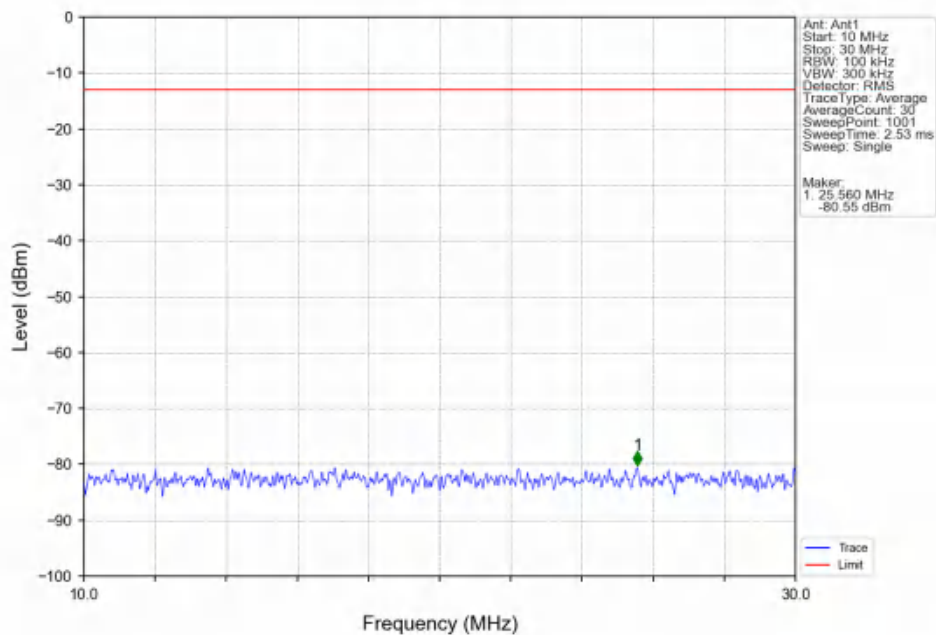
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



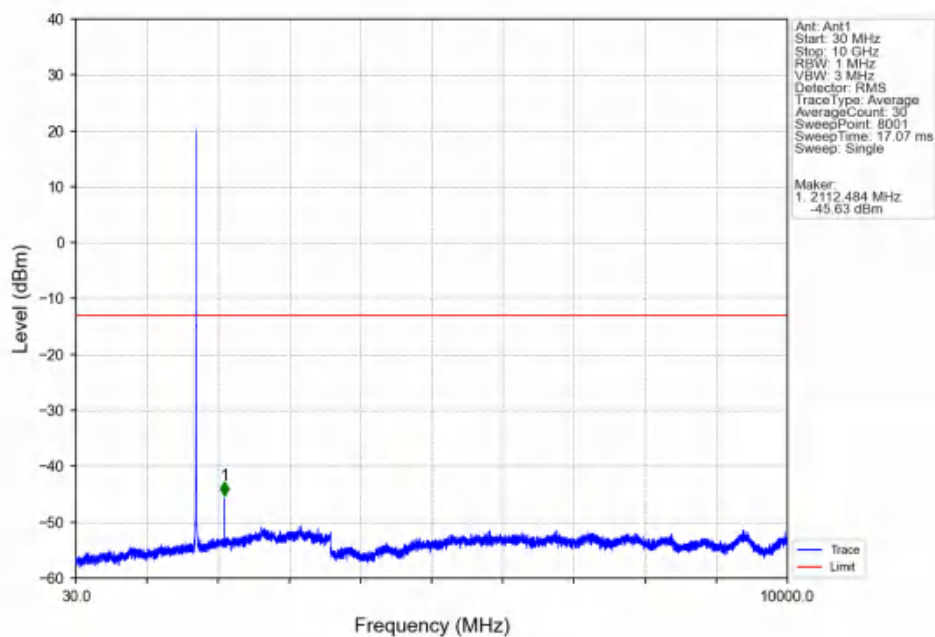
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



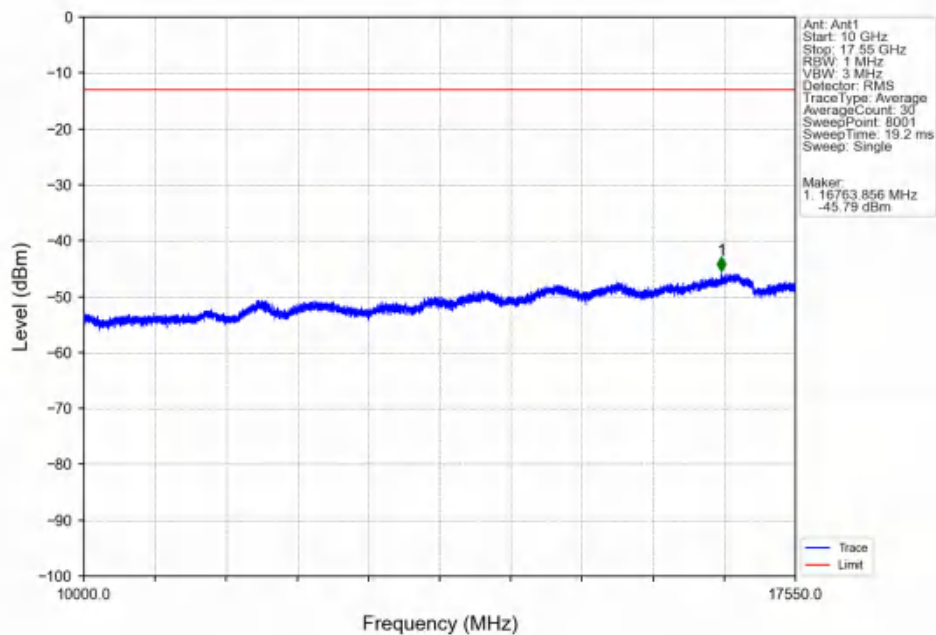
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



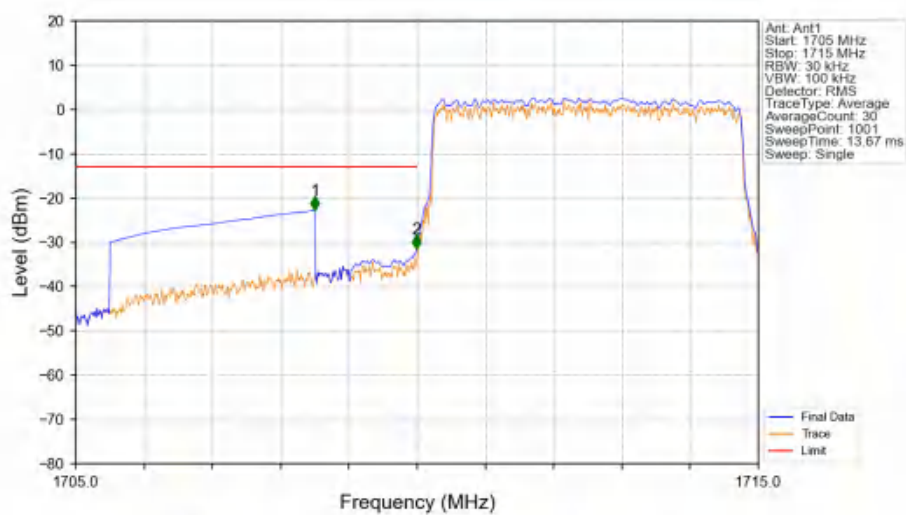
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV

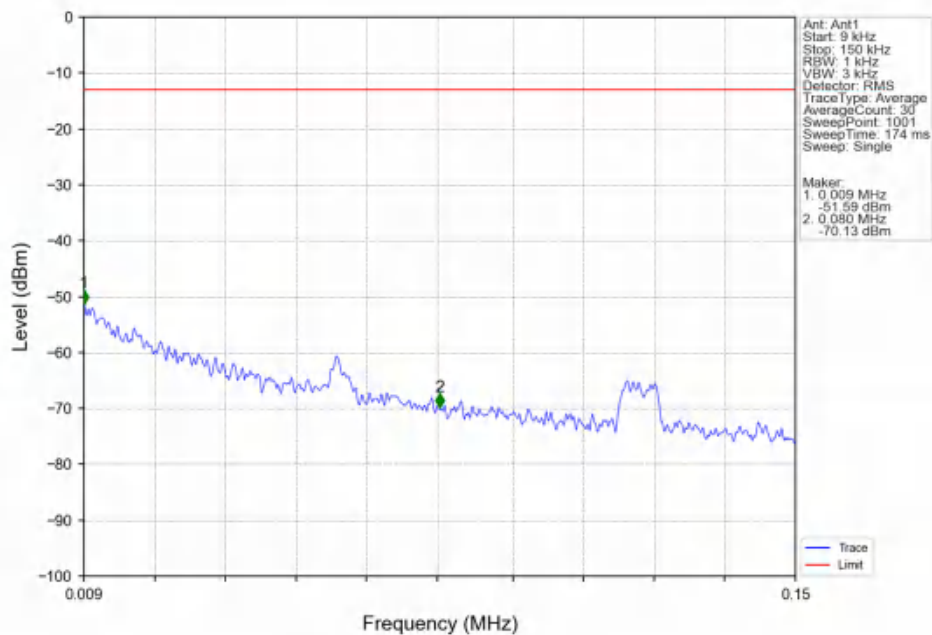


Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV

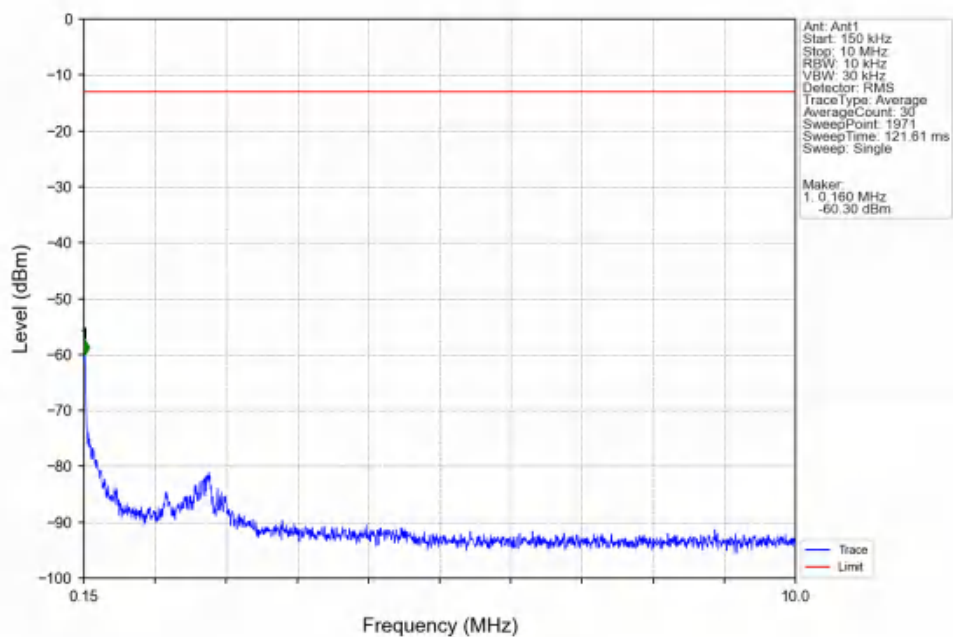


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-22.80	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-31.46	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

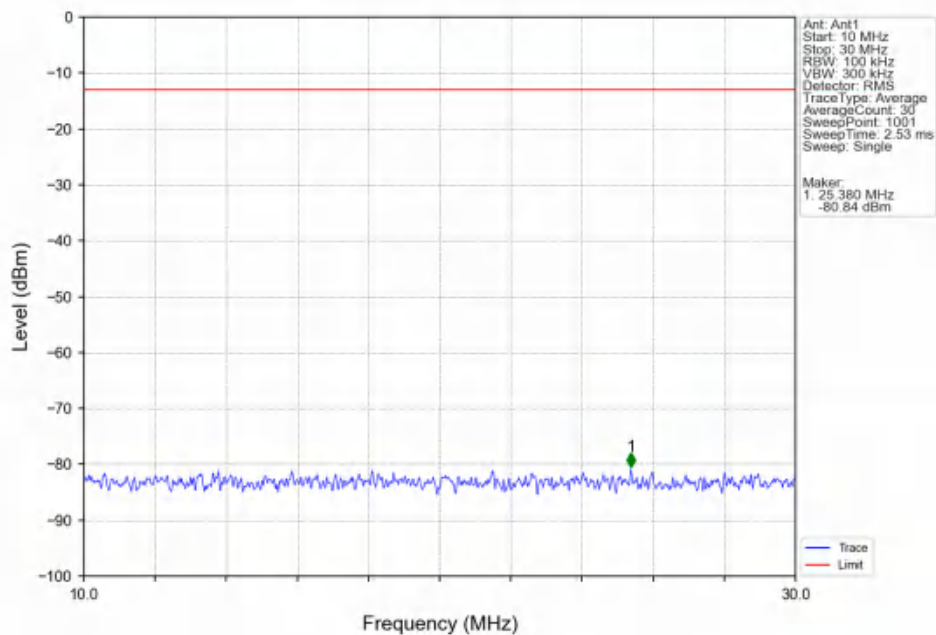
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



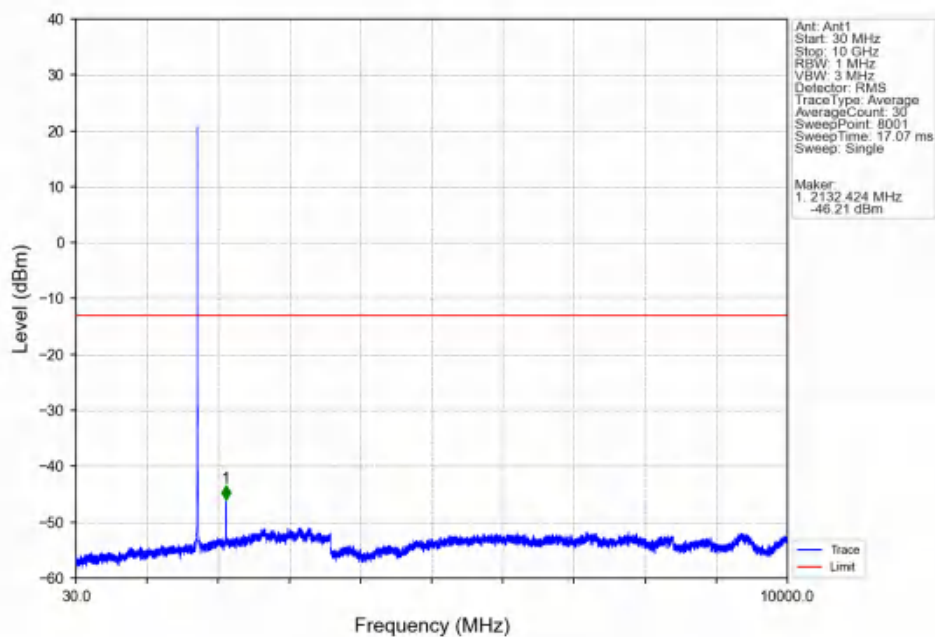
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



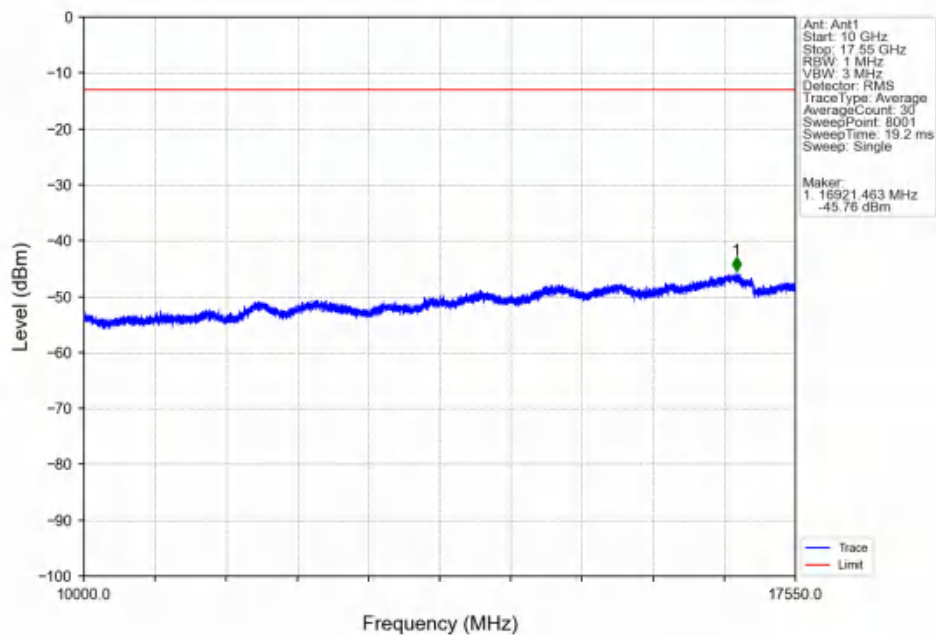
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



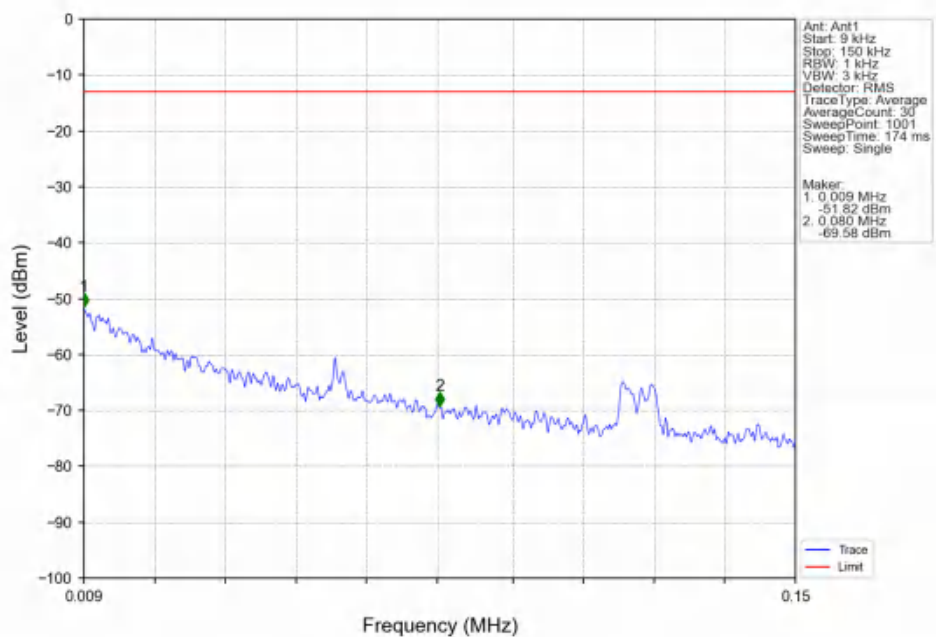
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



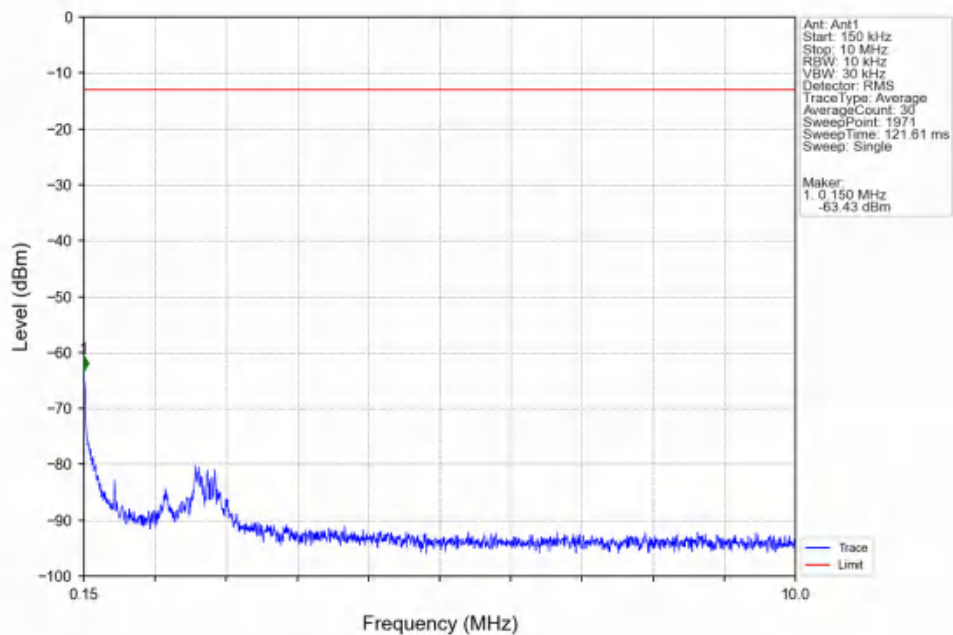
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



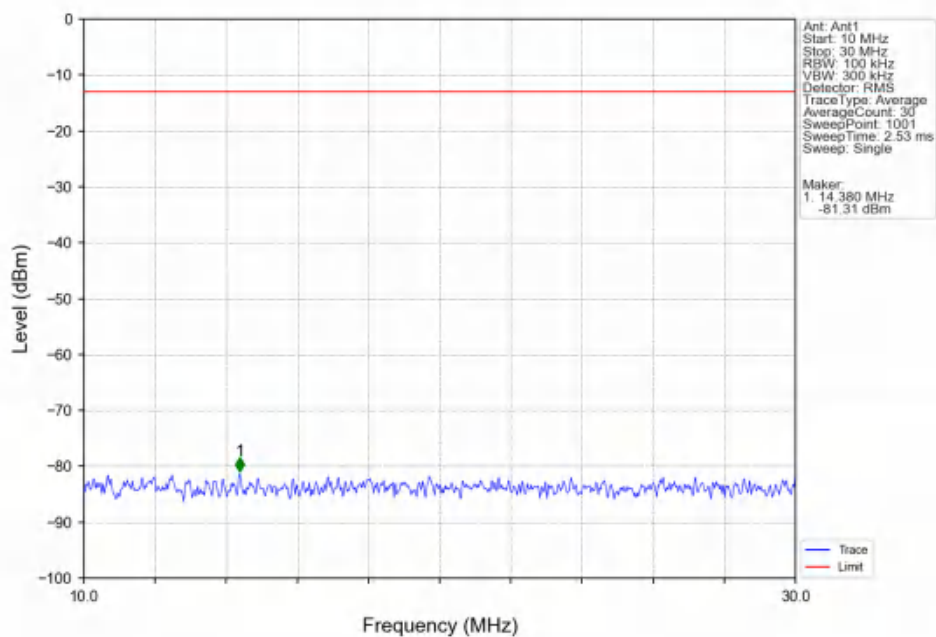
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



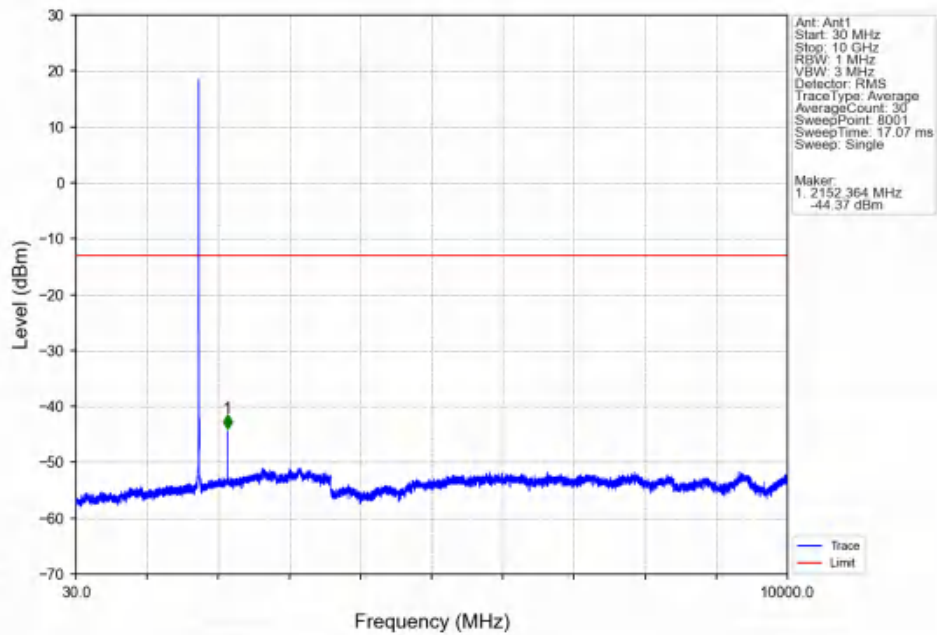
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



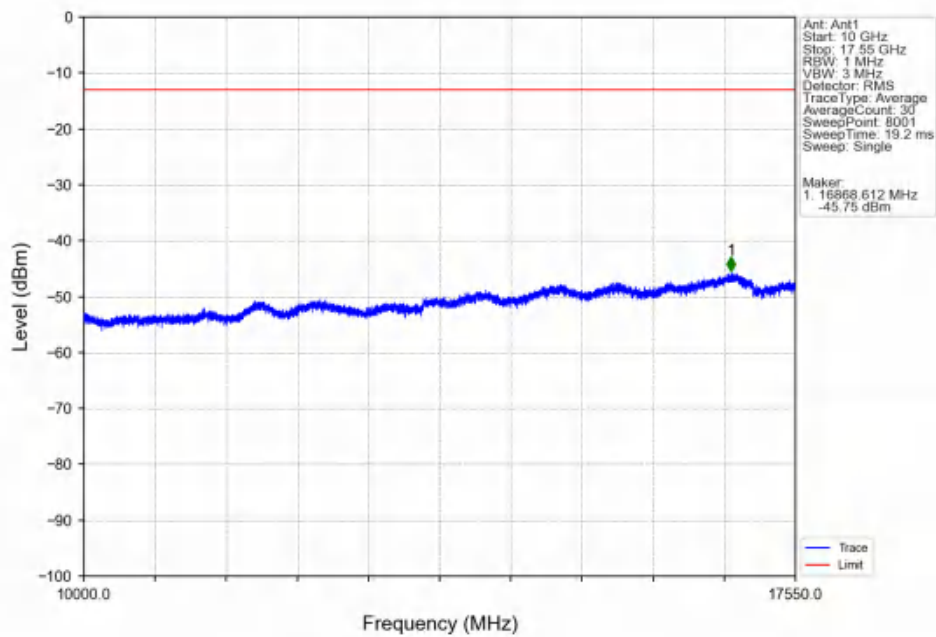
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



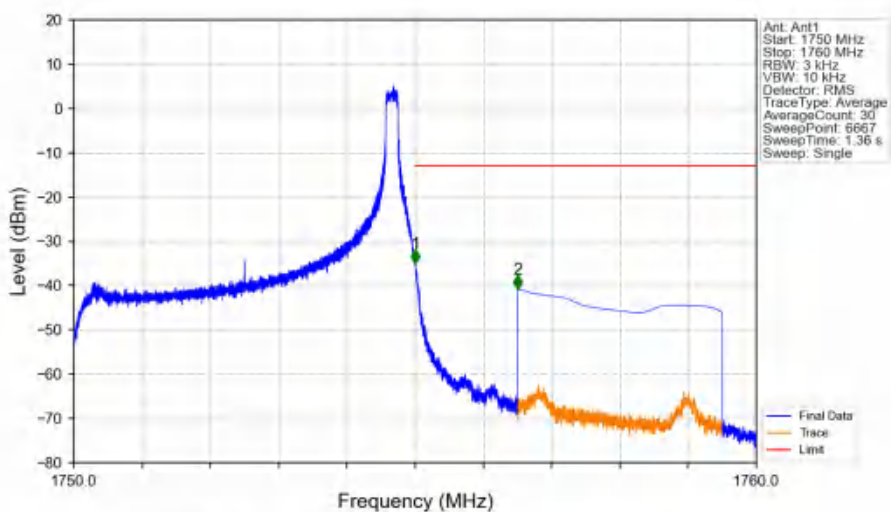
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV

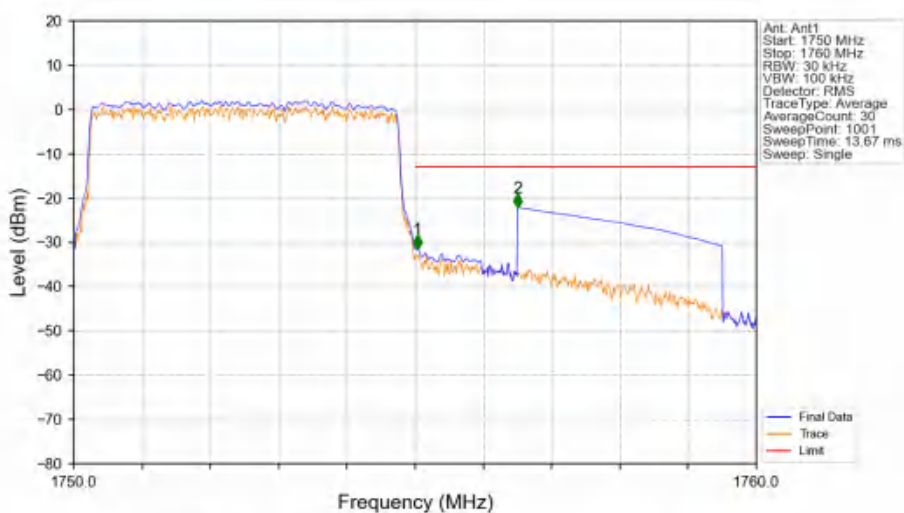


Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-34.95	-13	Pass
1756	1760	1	CHP	2	1756.500	-40.82	-13	Pass

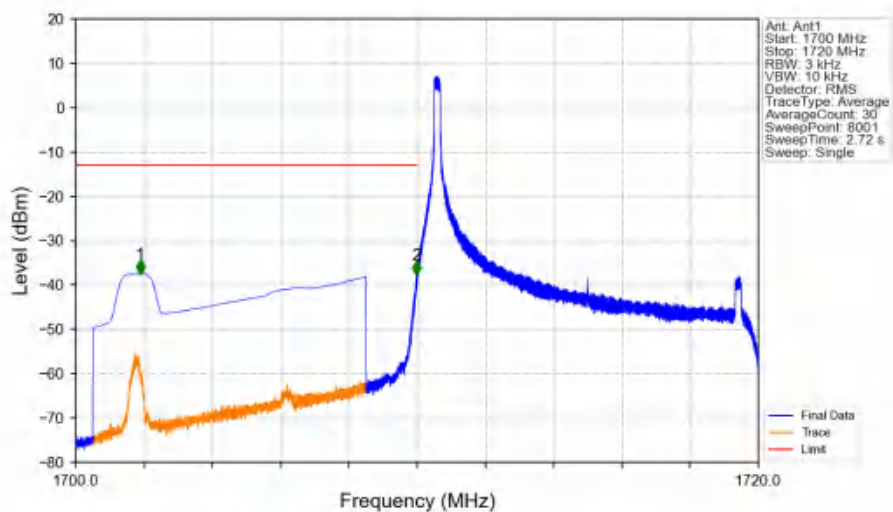
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



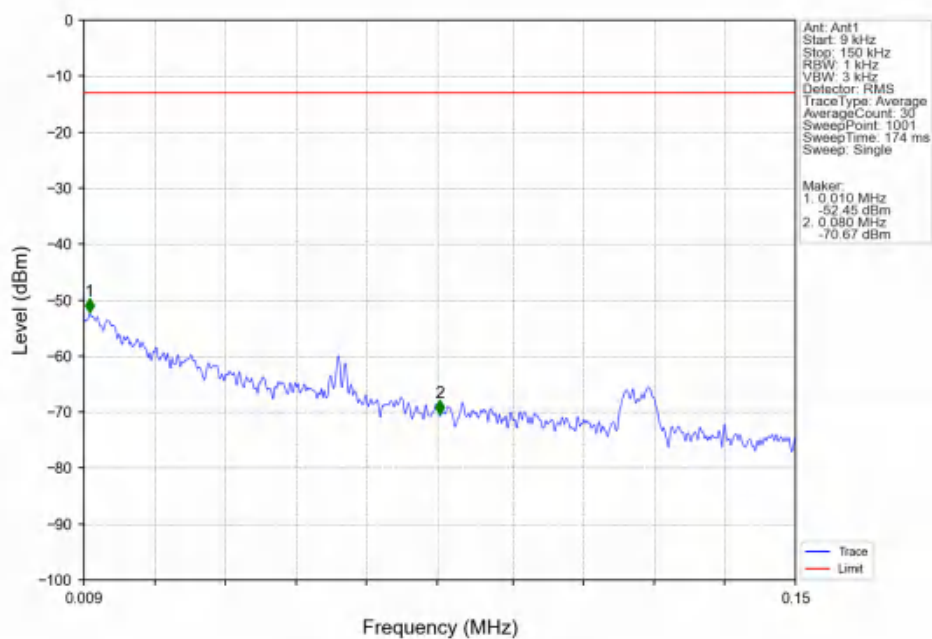
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.030	-31.43	-13	Pass
1756	1760	1	CHP	2	1756.500	-22.19	-13	Pass

6.2.4 B4_10MHz

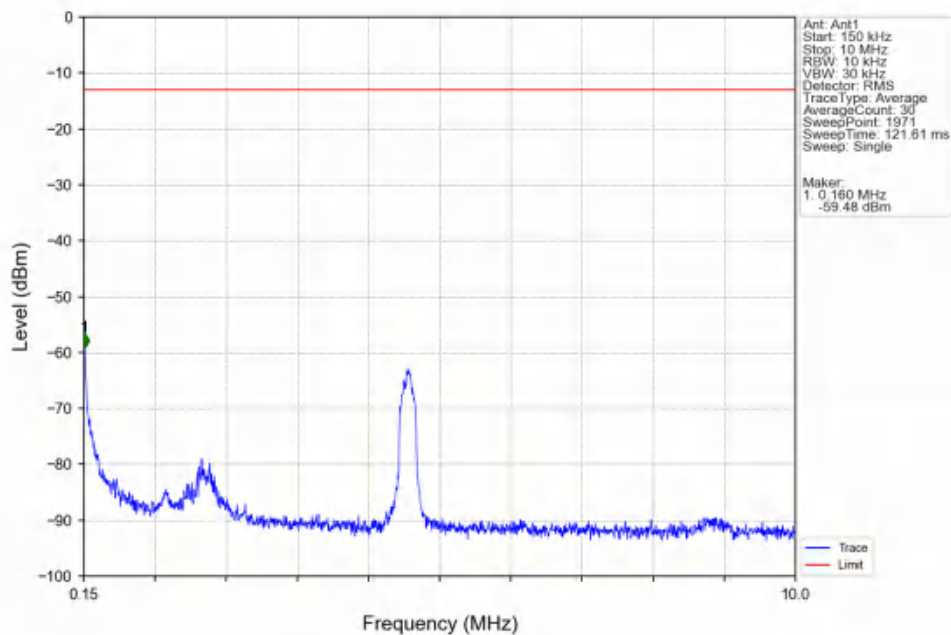
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



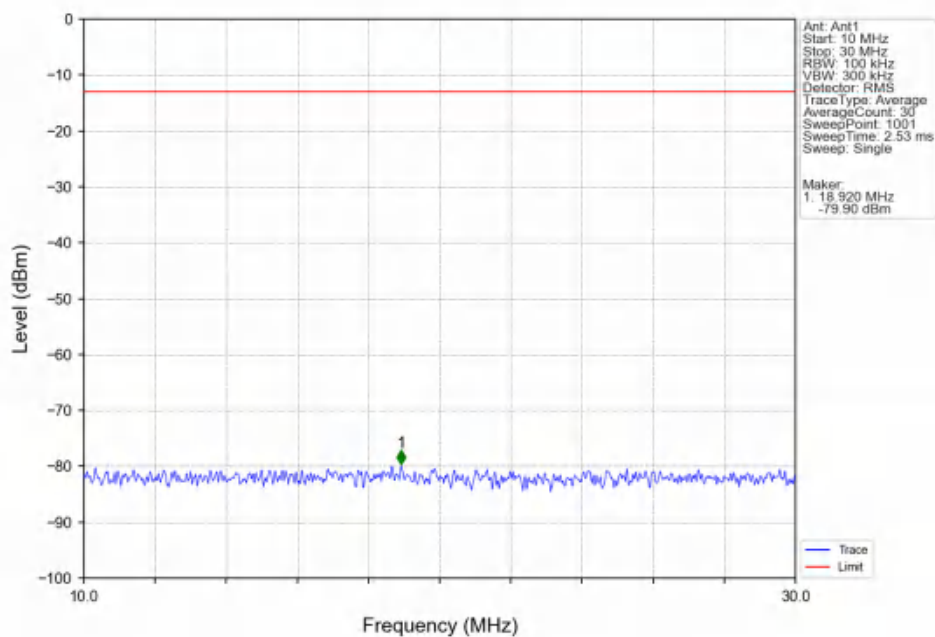
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



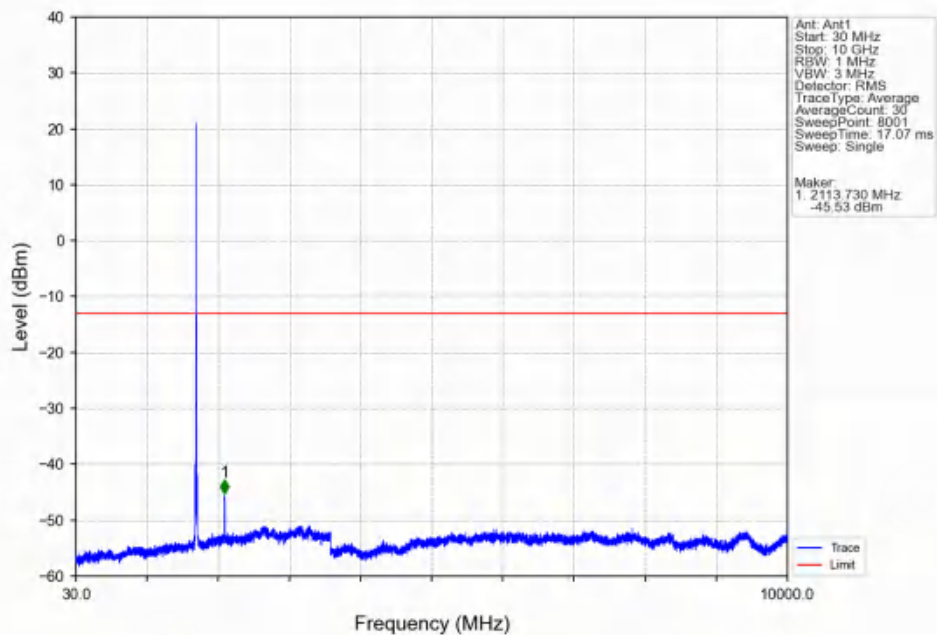
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTV



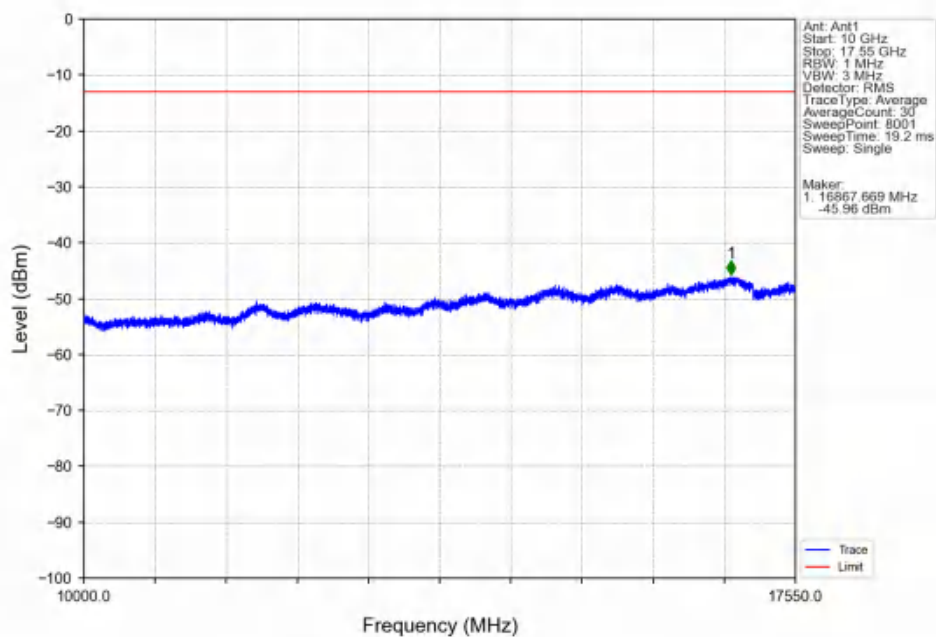
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTV



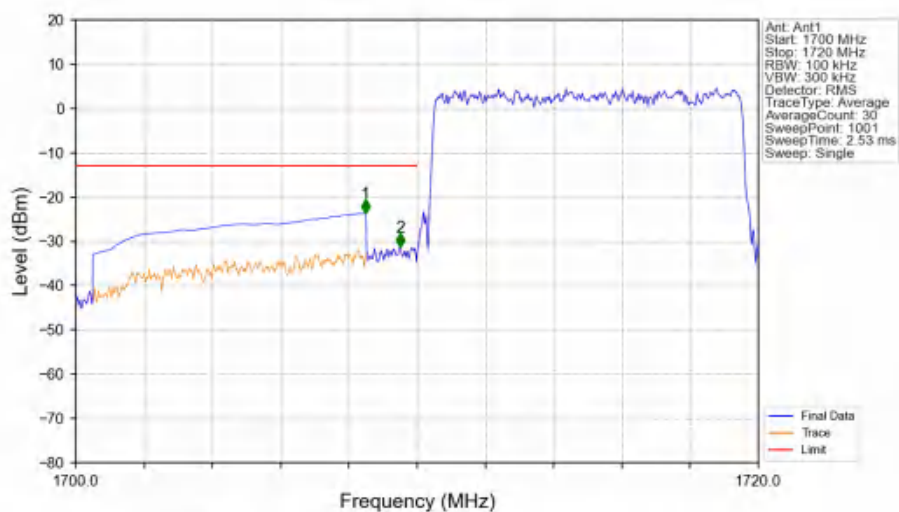
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

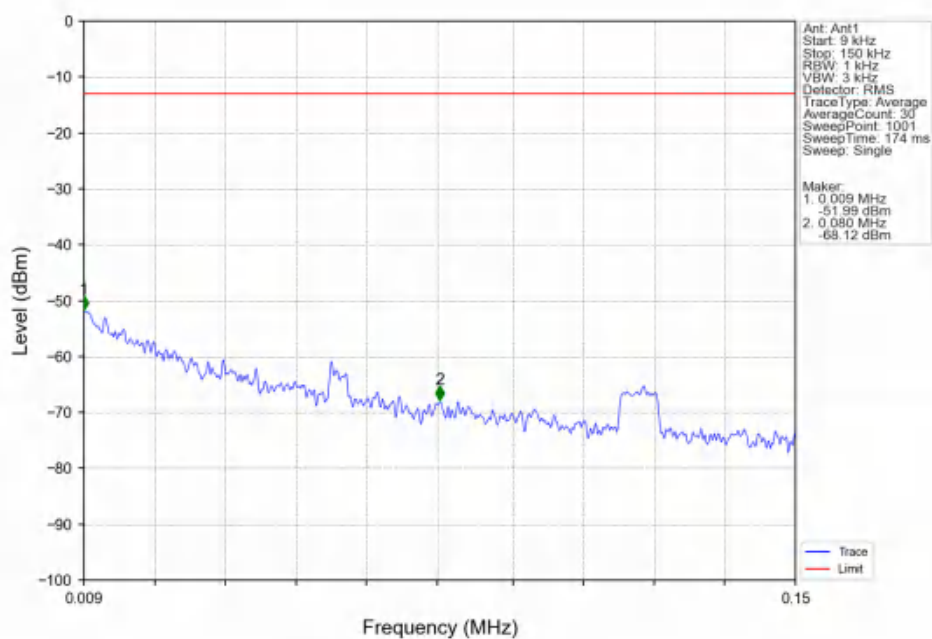


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

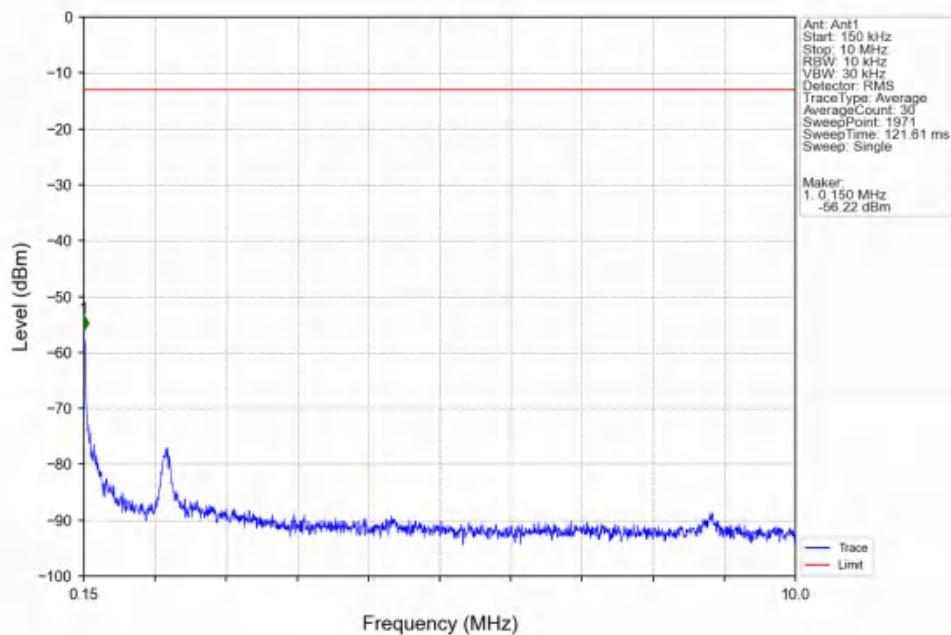


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-23.72	-13	Pass
1709	1710	0.1	/	2	1709.500	-31.25	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

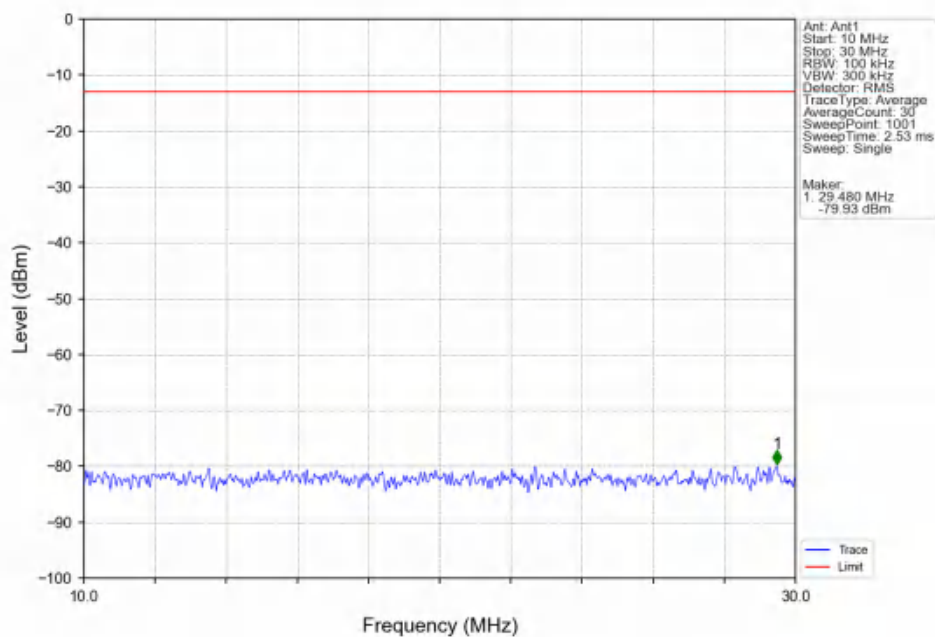
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



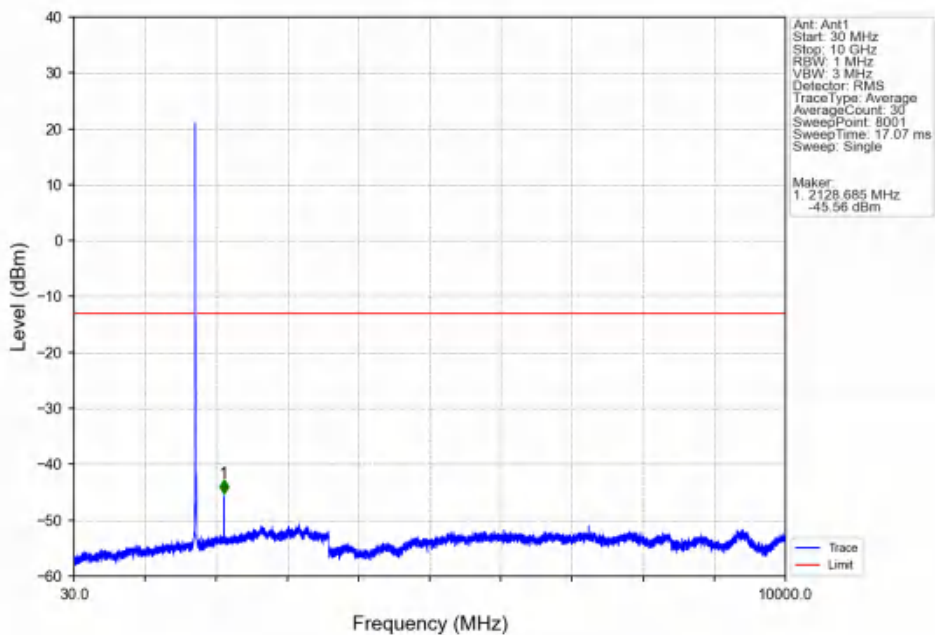
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



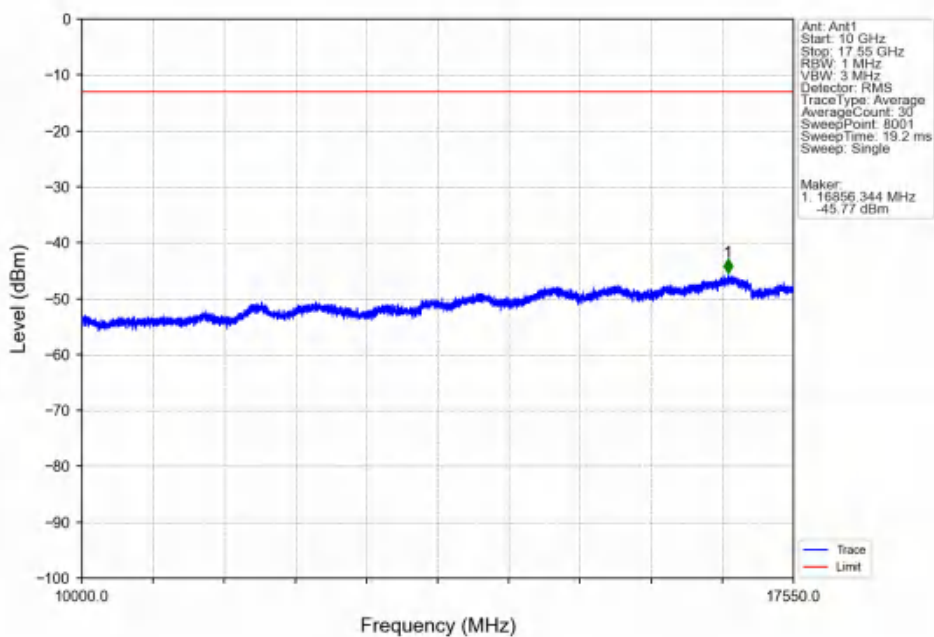
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



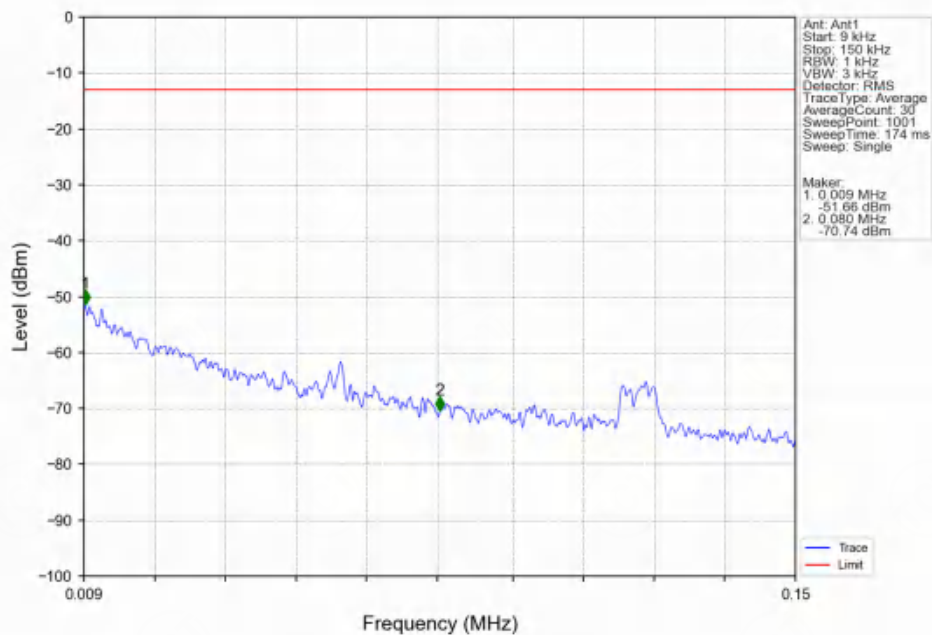
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



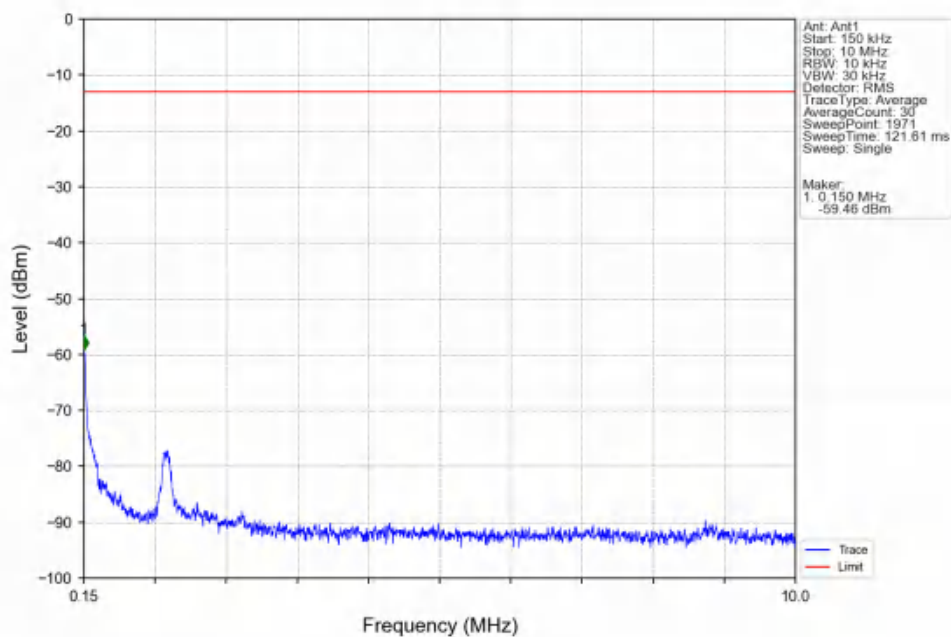
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



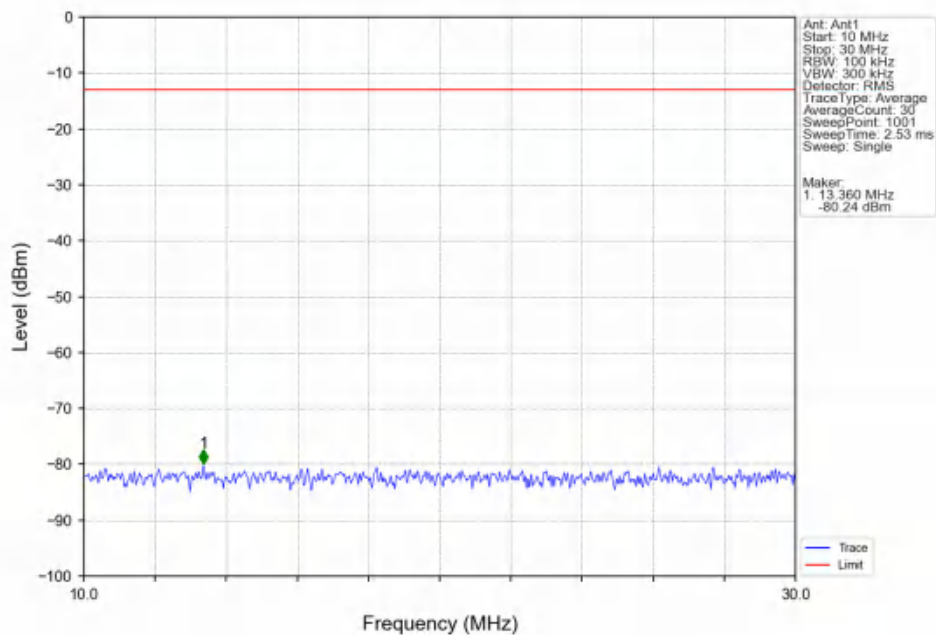
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



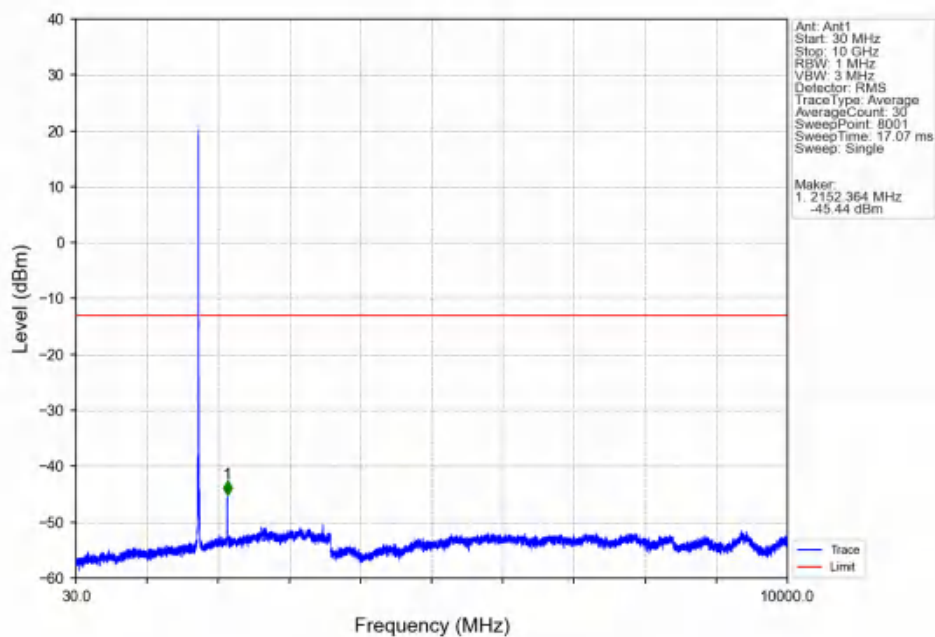
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



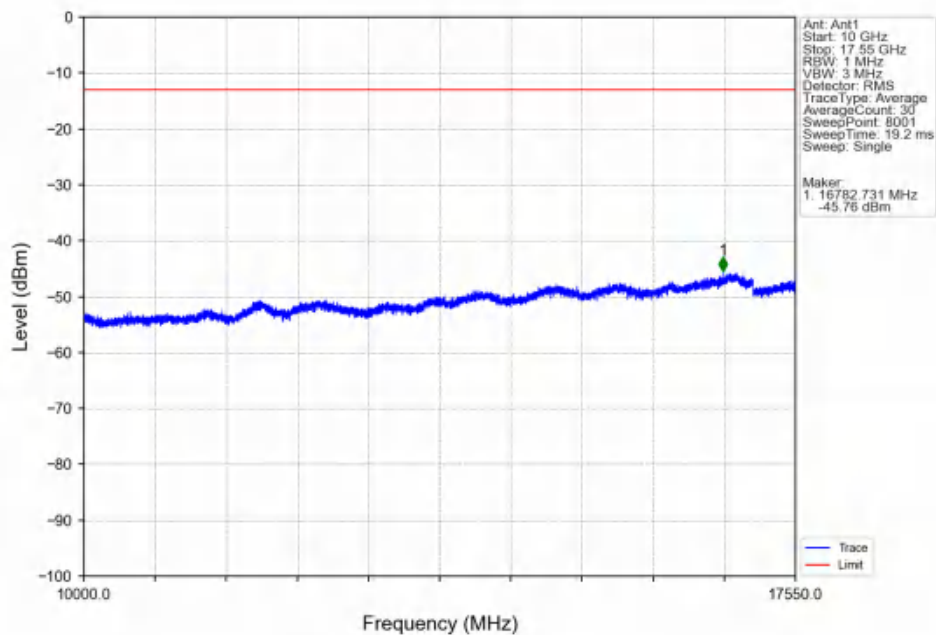
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



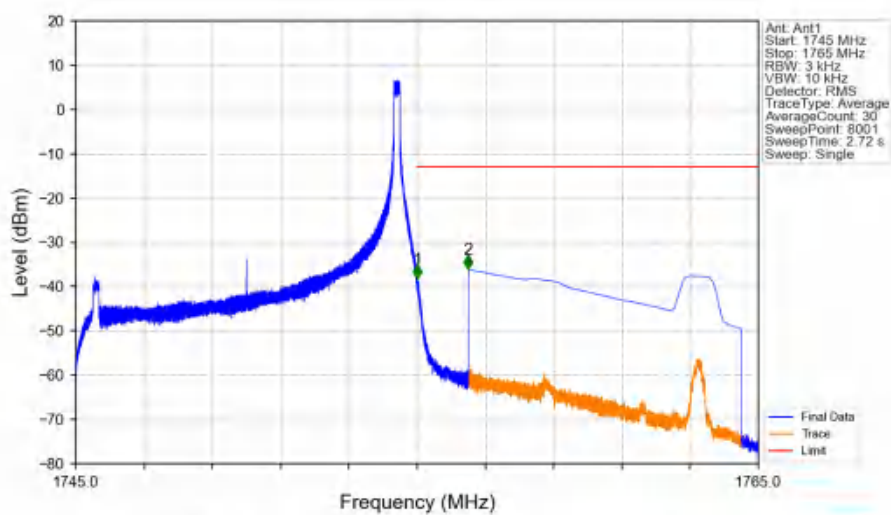
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV

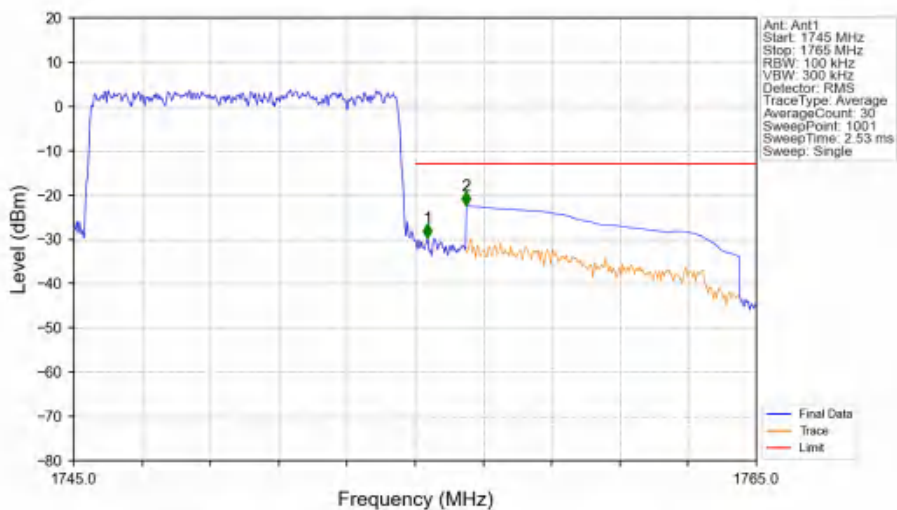


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



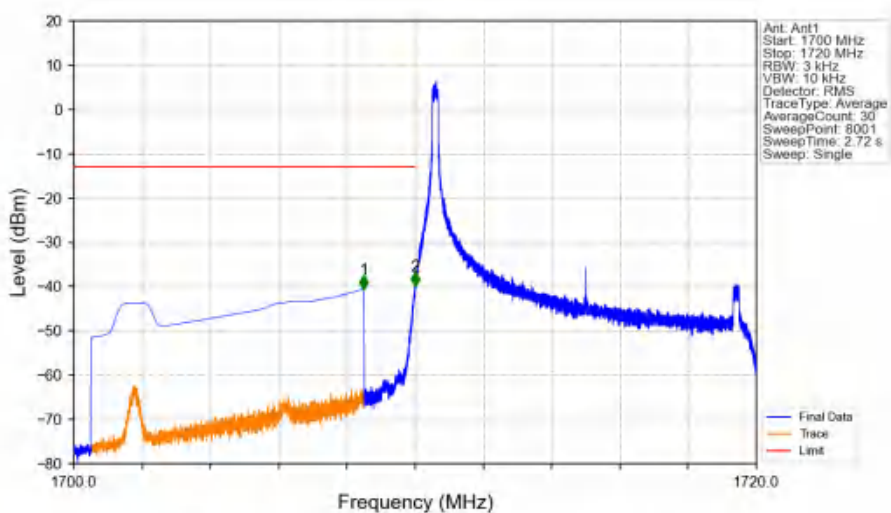
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.010	-38.20	-13	Pass
1756	1765	1	CHP	2	1756.500	-36.11	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



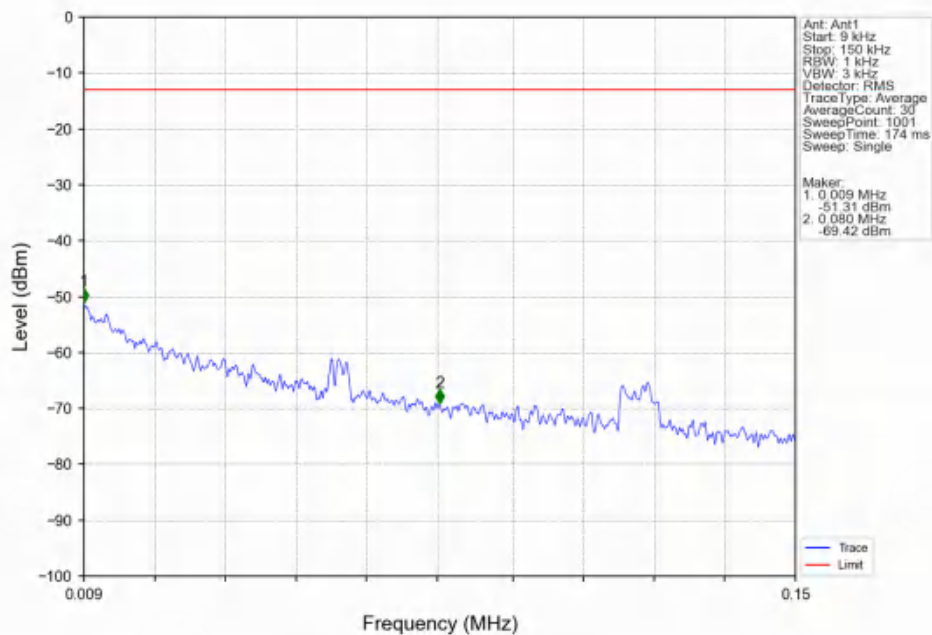
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.360	-29.66	-13	Pass
1756	1765	1	CHP	2	1756.500	-22.46	-13	Pass

Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

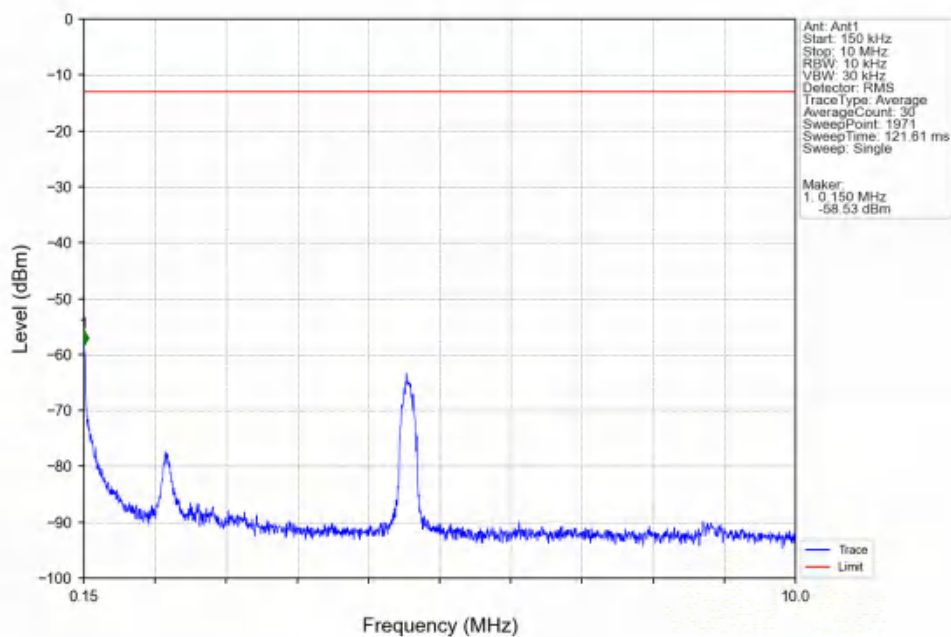


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.495	-40.54	-13	Pass
1709	1710	0.003	/	2	1709.997	-39.83	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

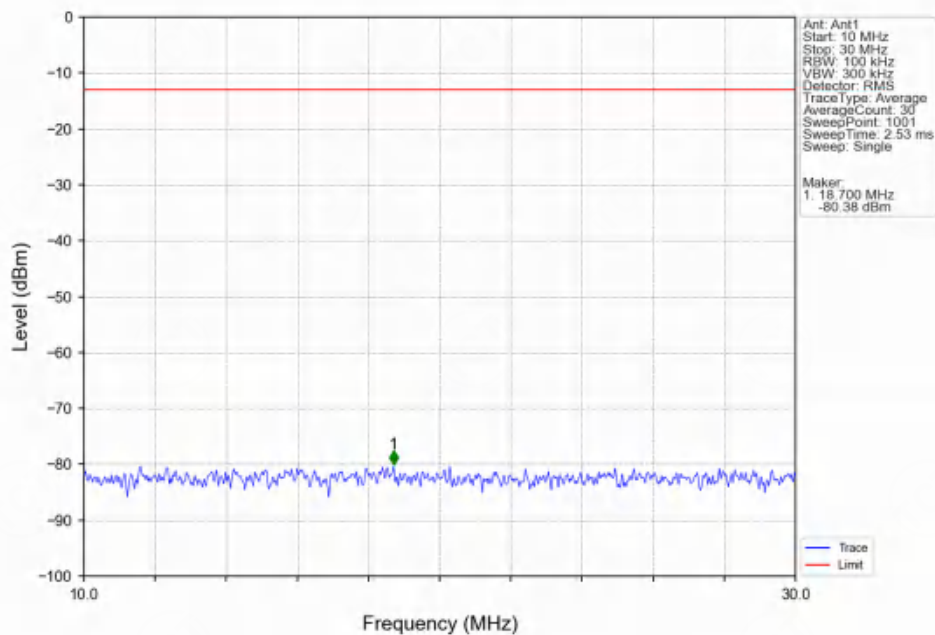
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



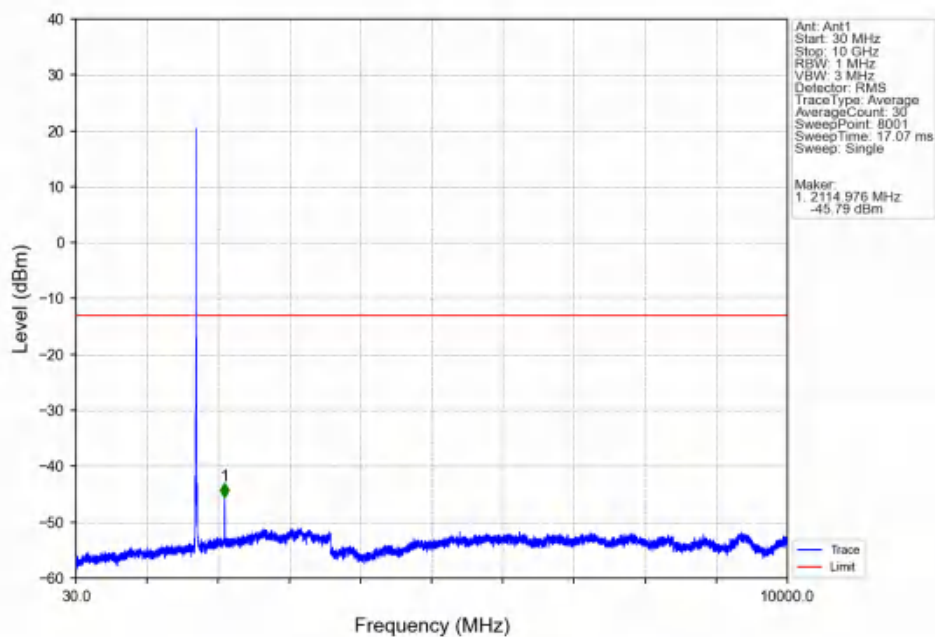
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



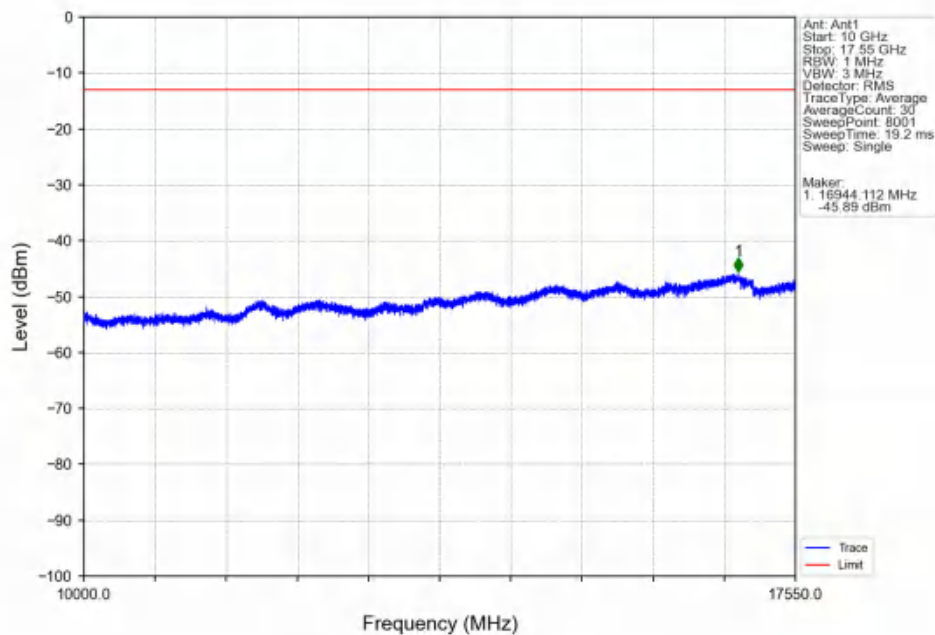
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



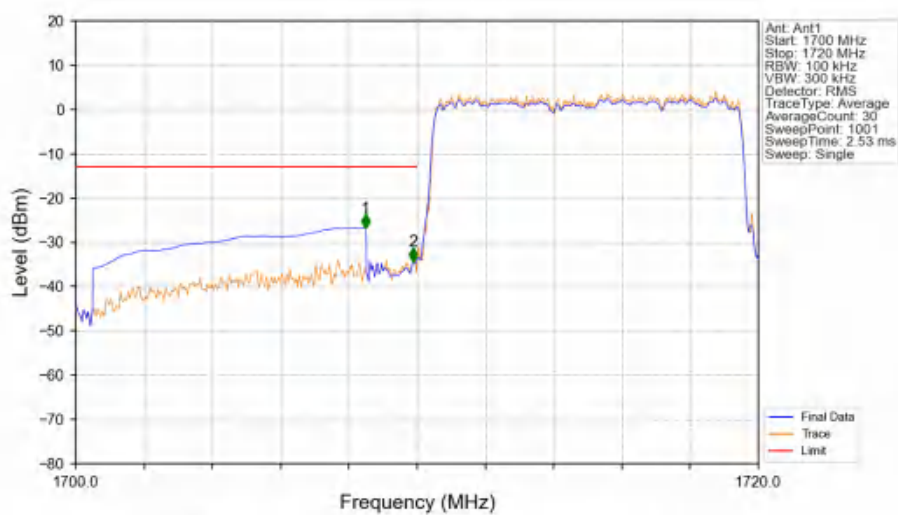
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

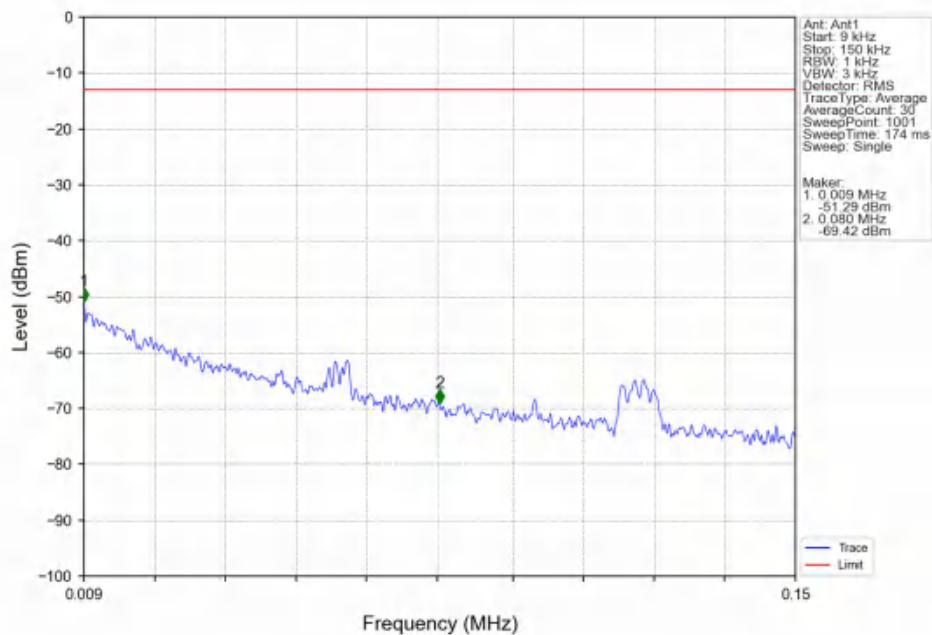


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

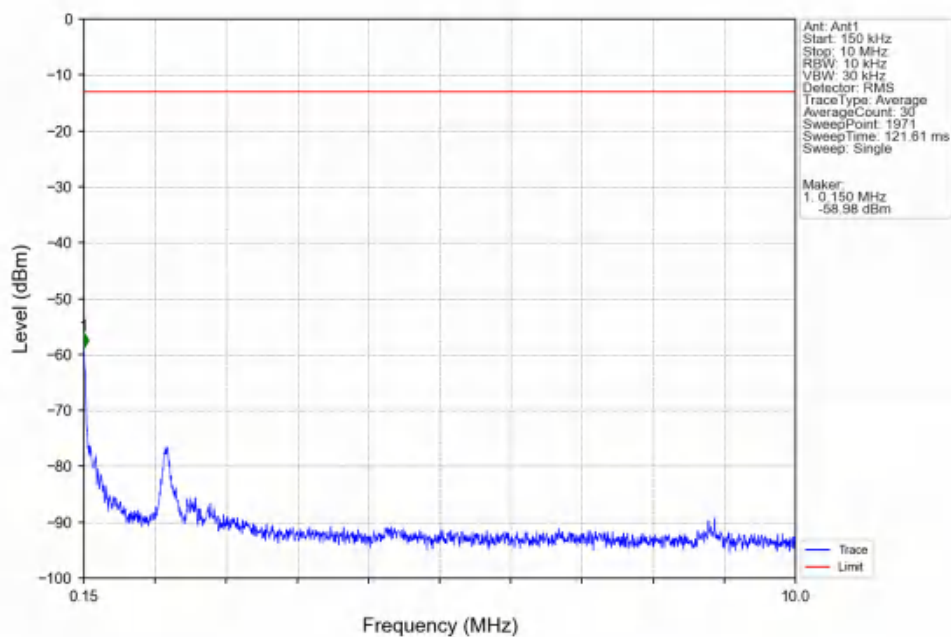


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.69	-13	Pass
1709	1710	0.101	CHP	2	1709.880	-34.32	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

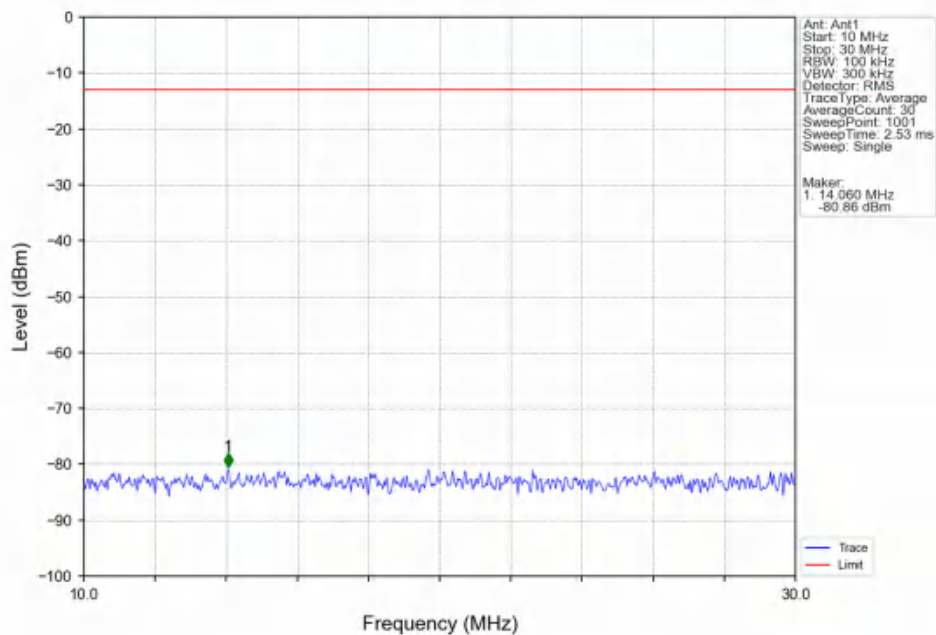
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



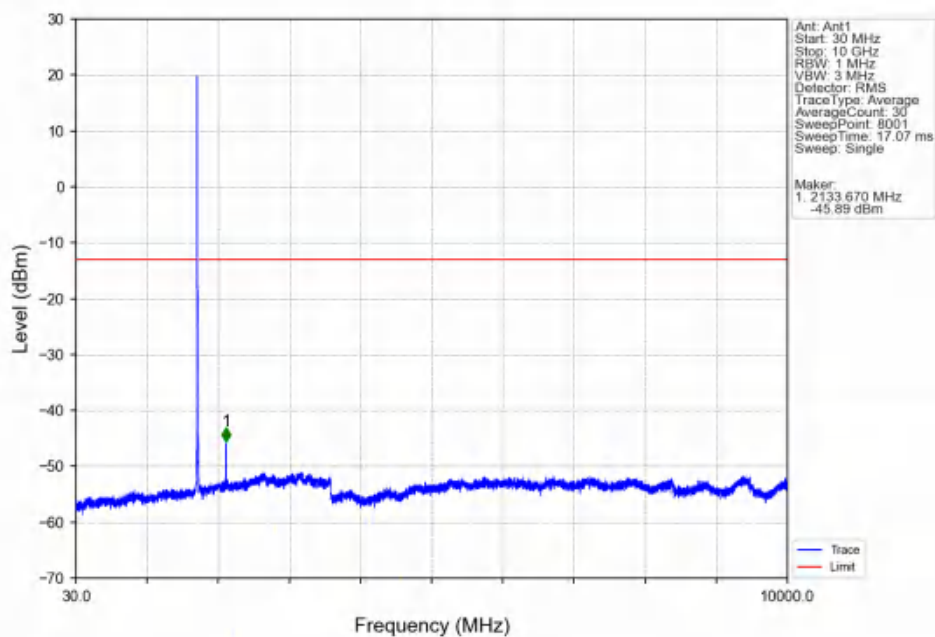
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



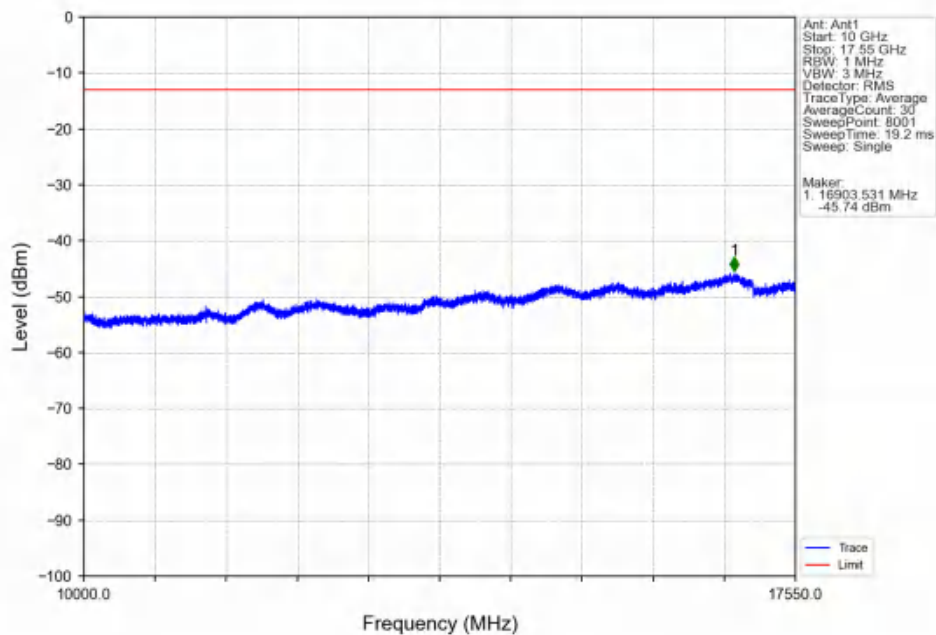
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



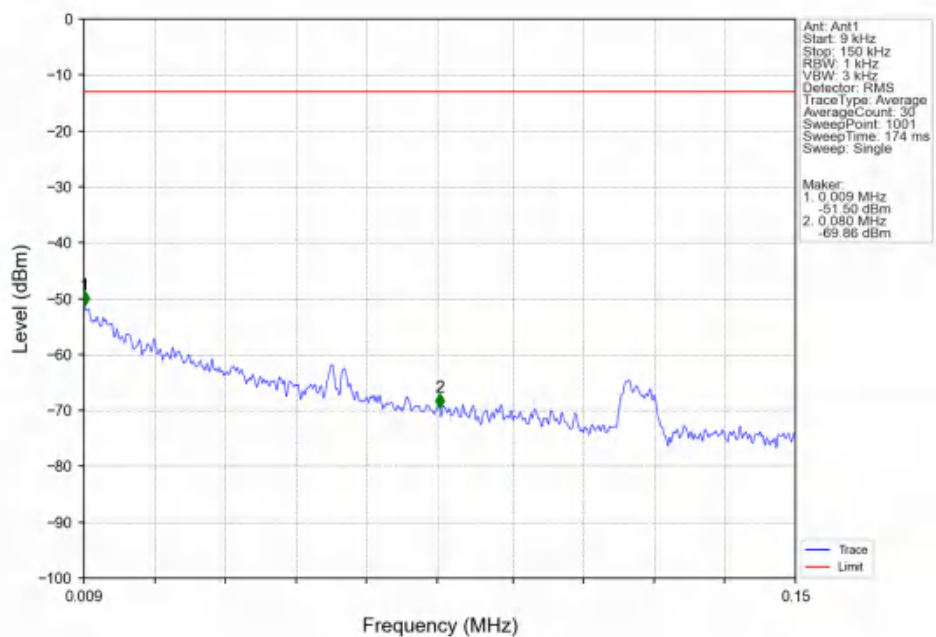
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



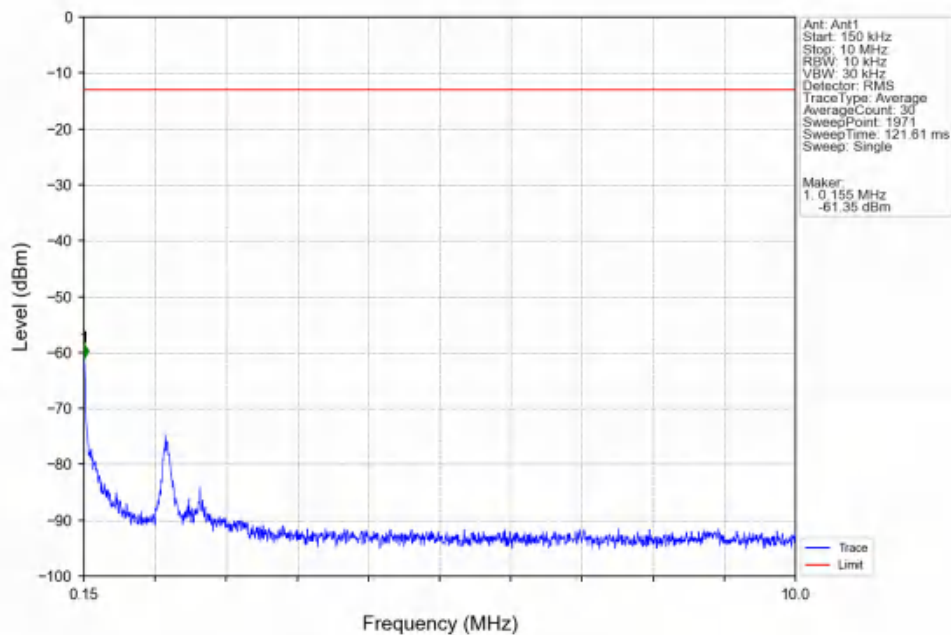
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



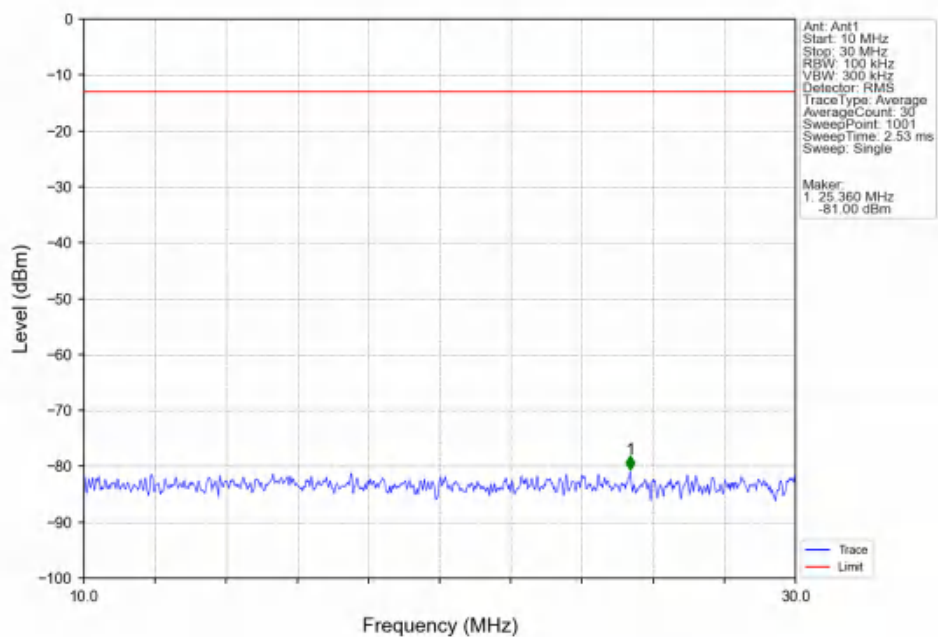
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



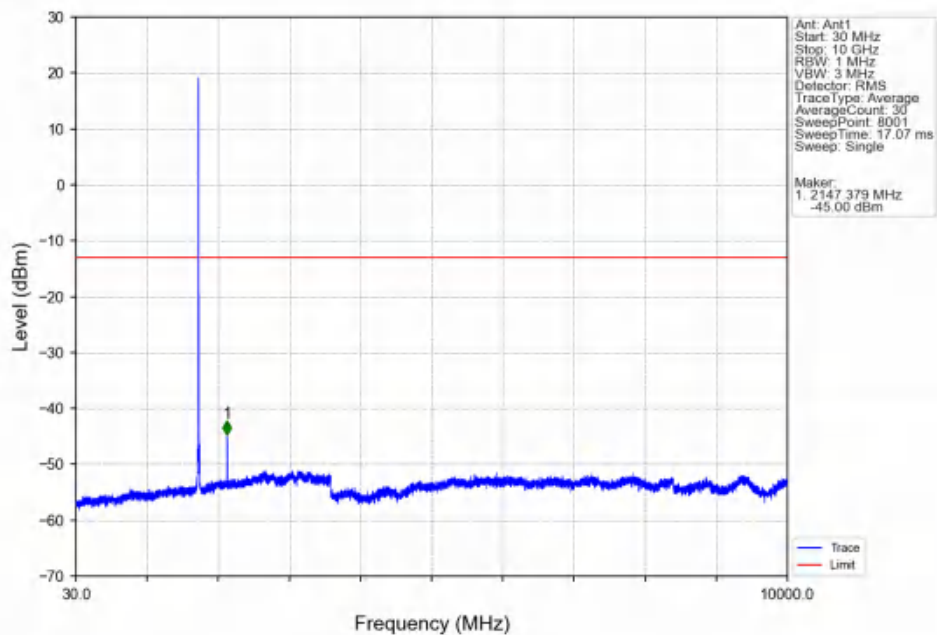
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



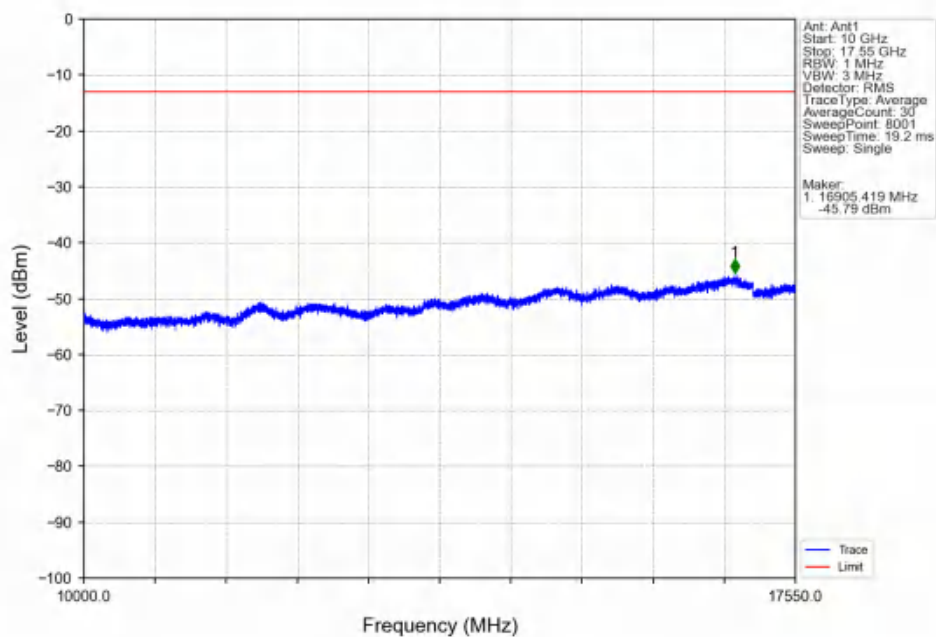
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



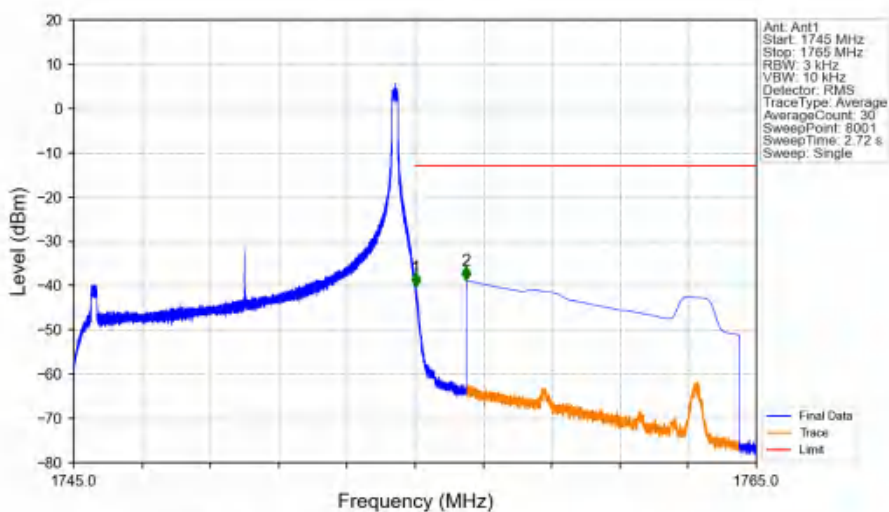
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV

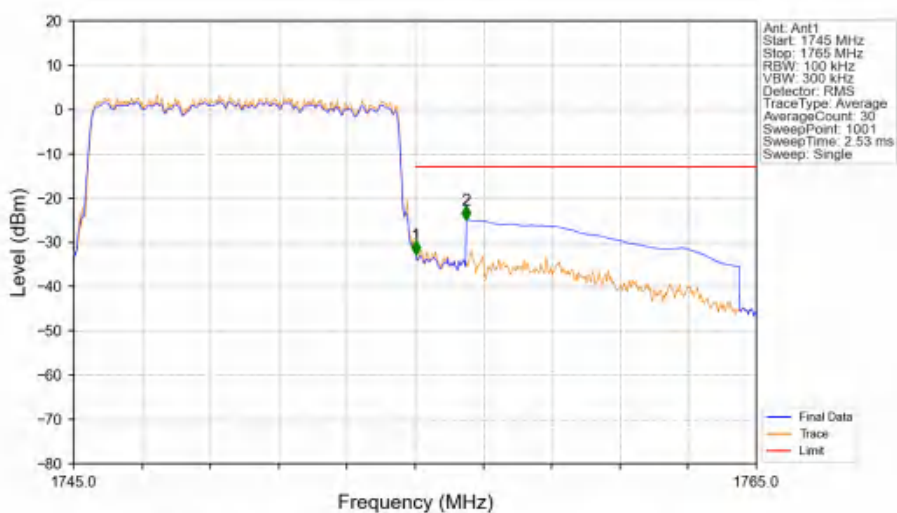


Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-40.26	-13	Pass
1756	1765	1	CHP	2	1756.500	-38.84	-13	Pass

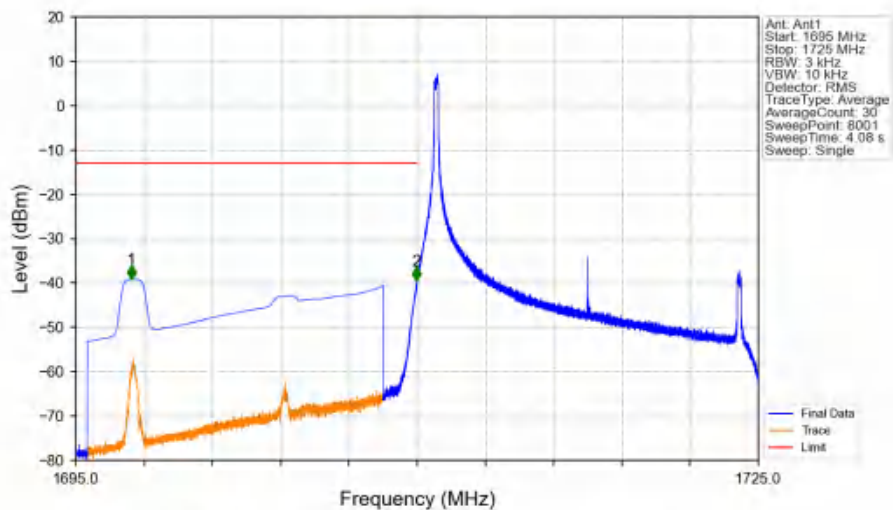
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



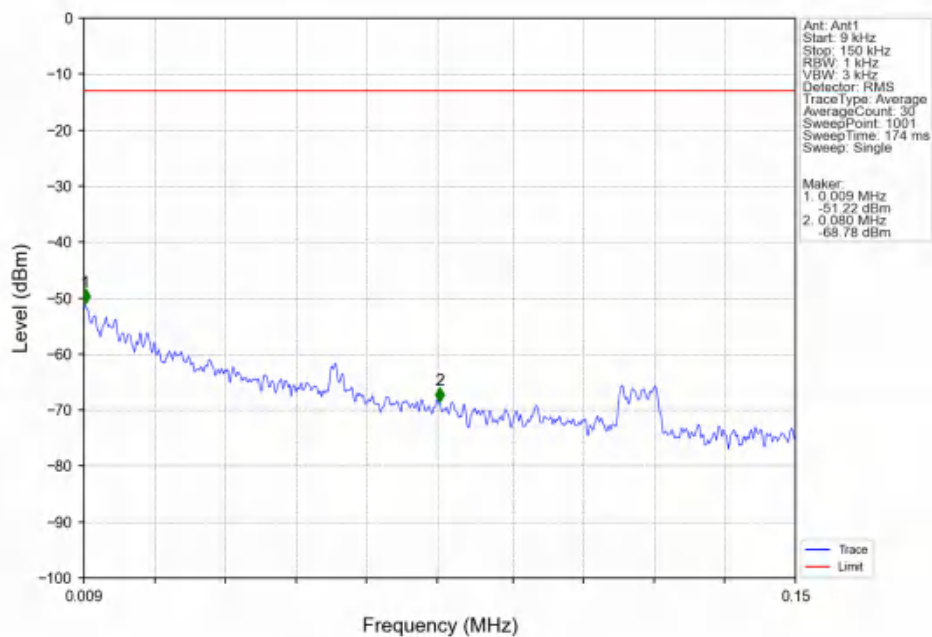
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.020	-32.83	-13	Pass
1756	1765	1	CHP	2	1756.500	-24.90	-13	Pass

6.2.5 B4_15MHz

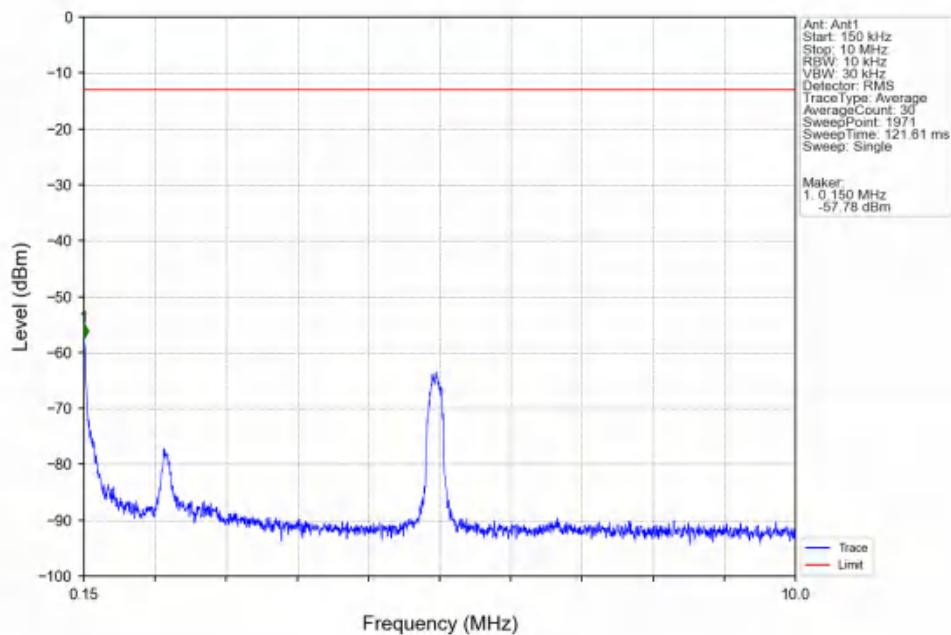
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



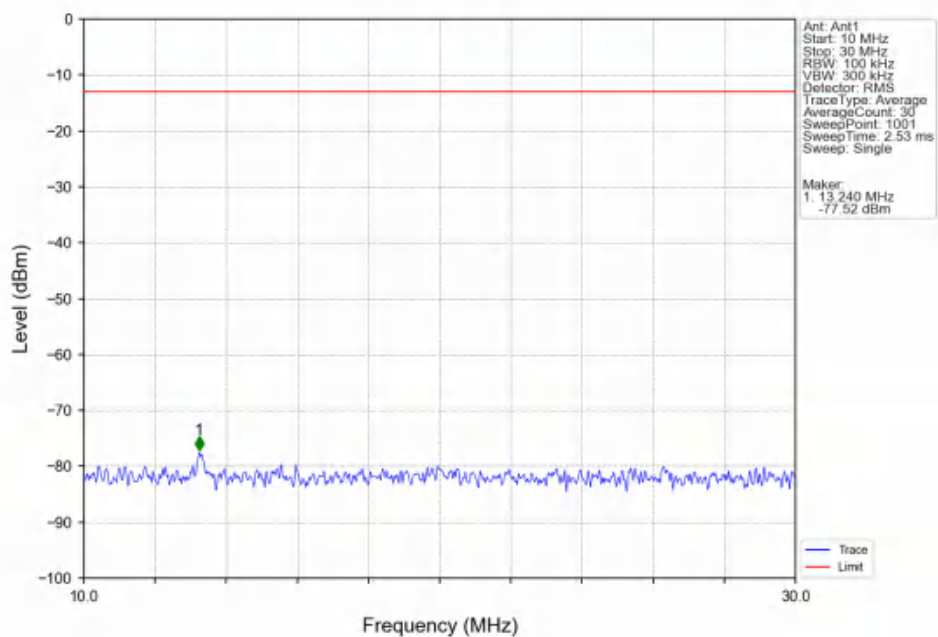
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



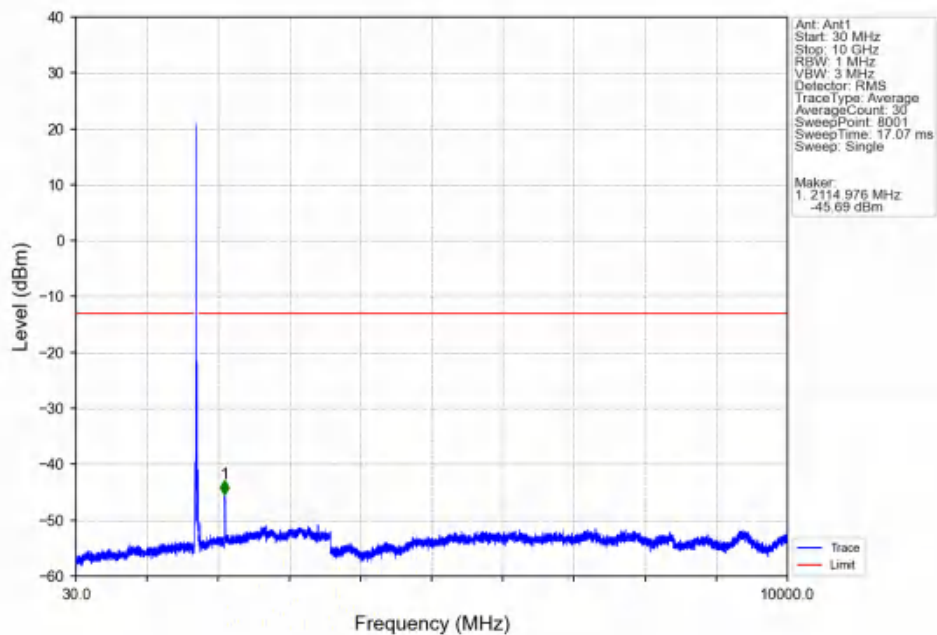
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



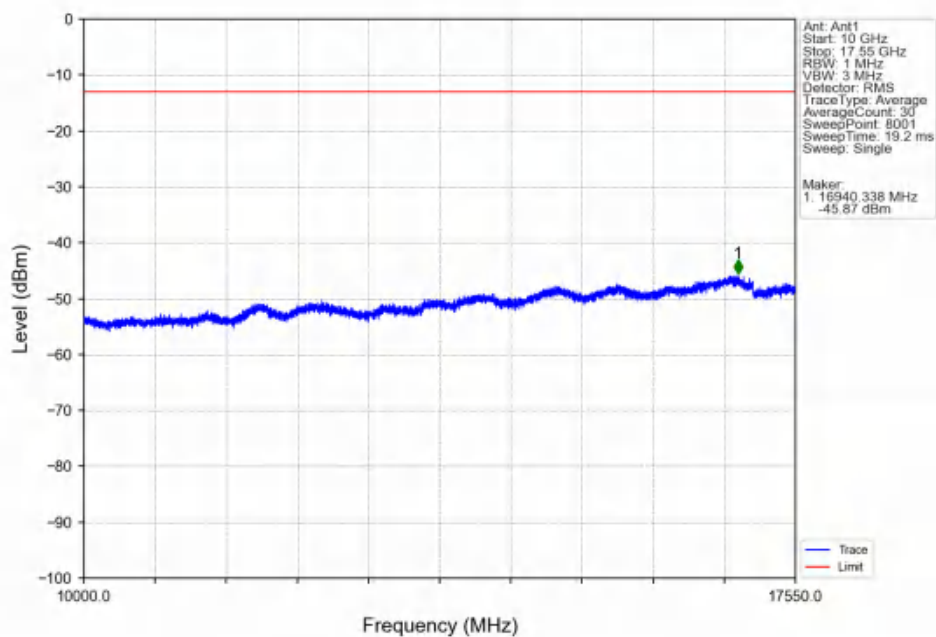
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



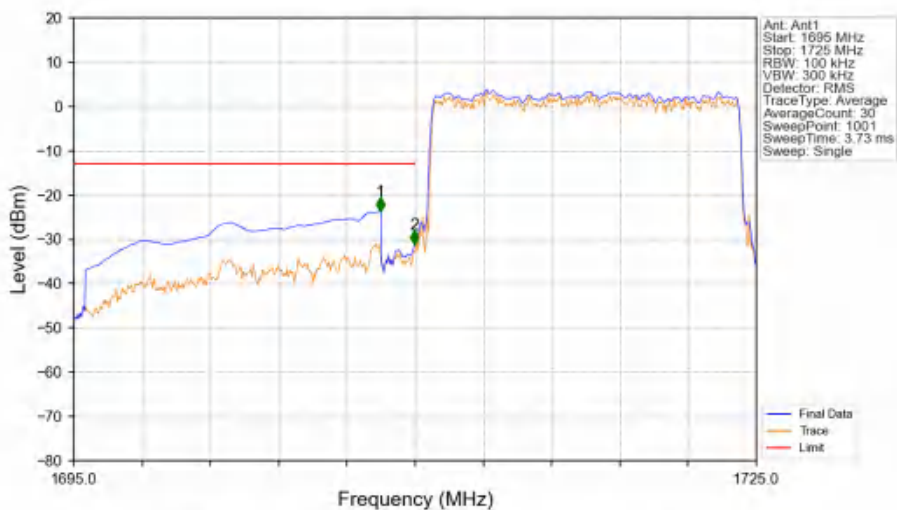
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

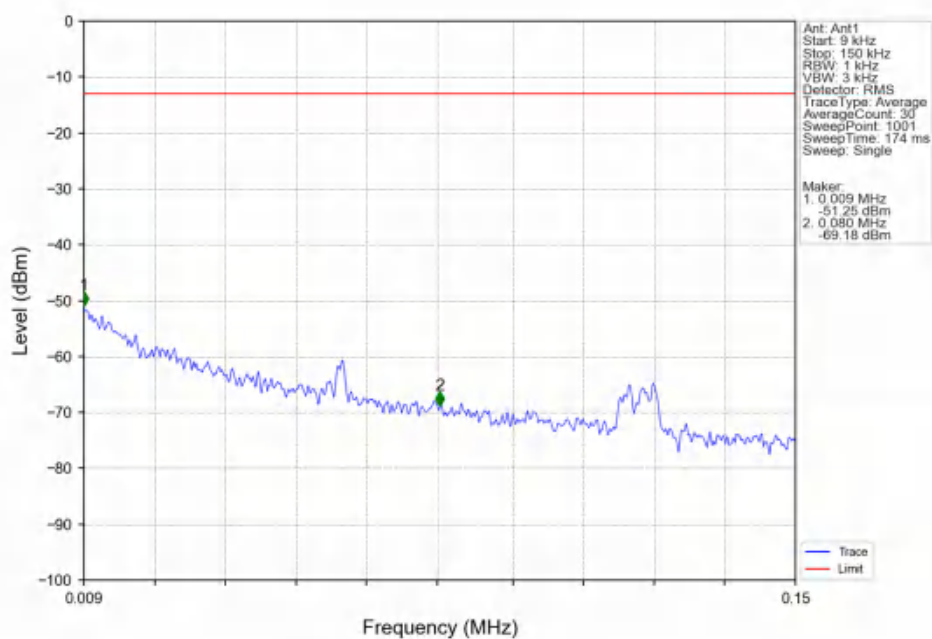


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

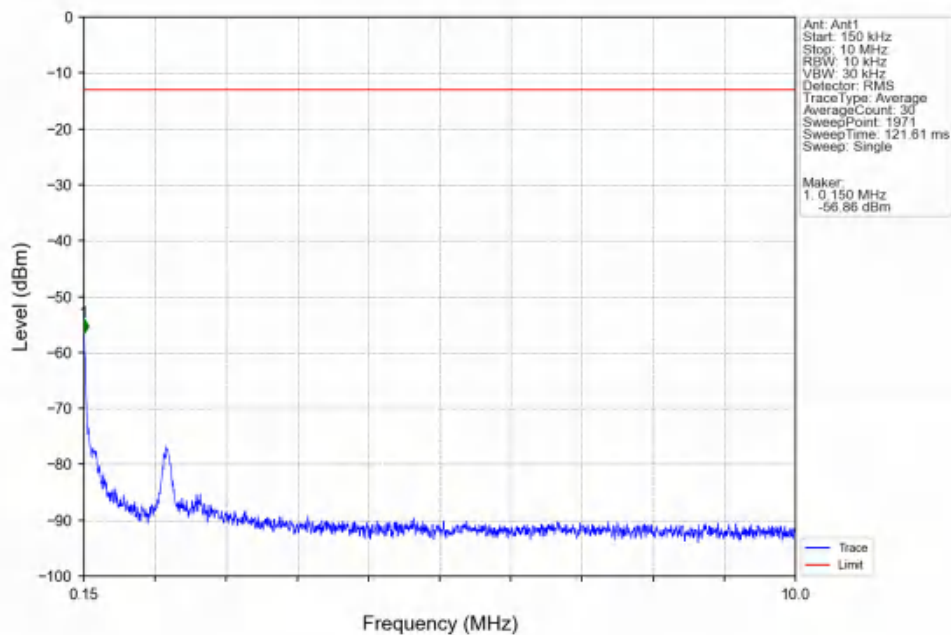


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-23.73	-13	Pass
1709	1710	0.152	CHP	2	1709.970	-31.05	-13	Pass
1710	1725	0.152	CHP	/	/	/	/	/

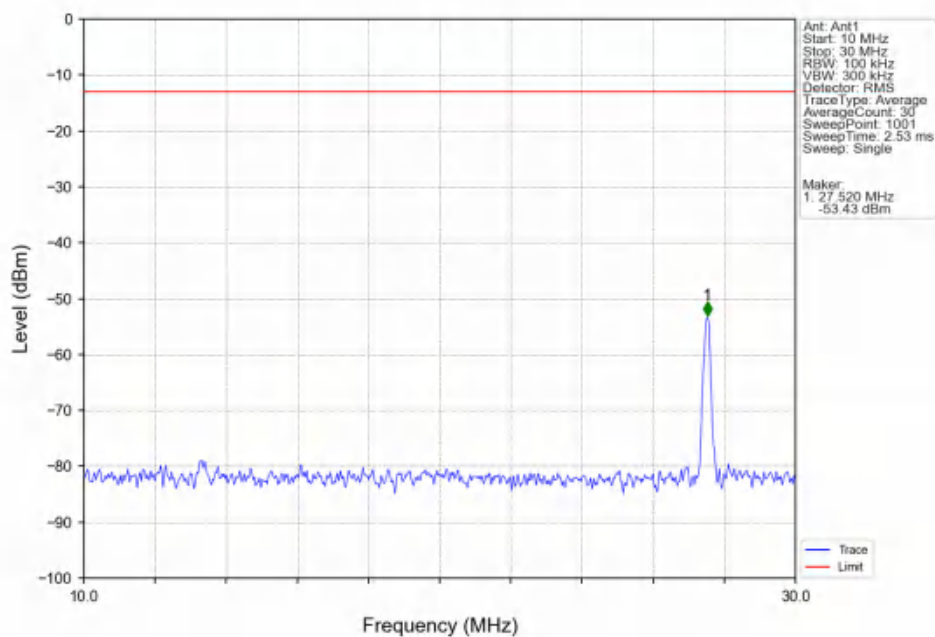
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



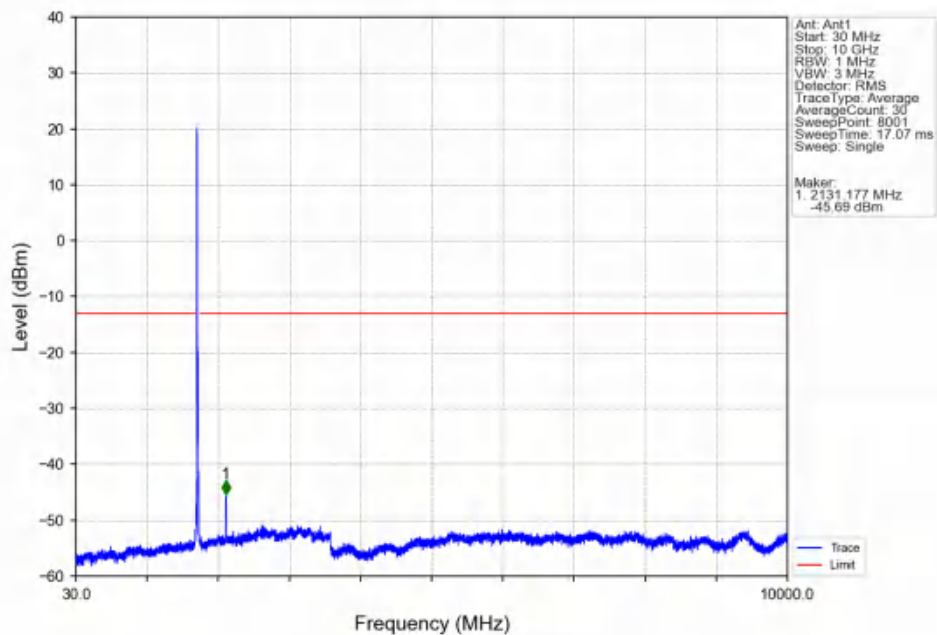
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



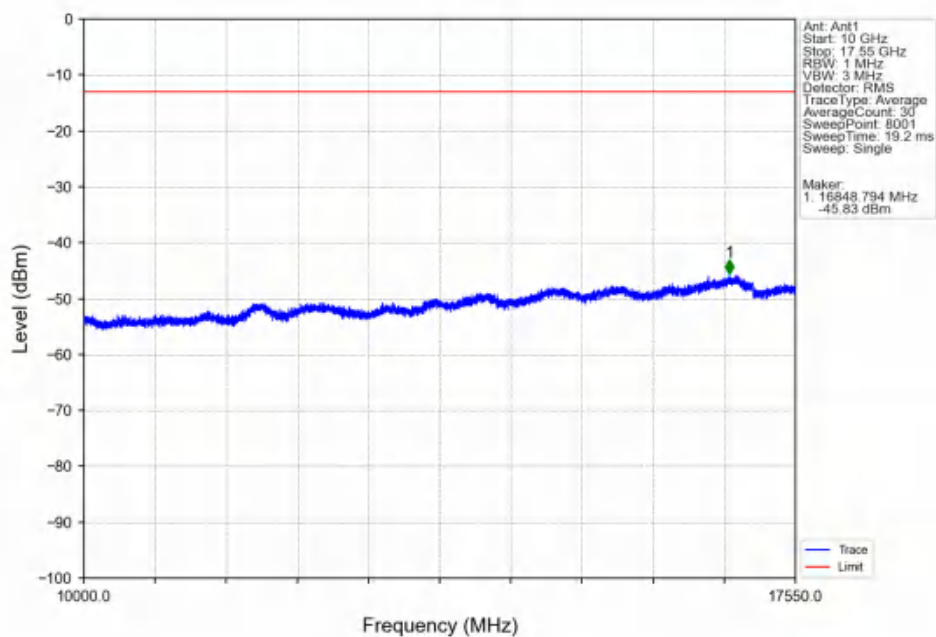
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



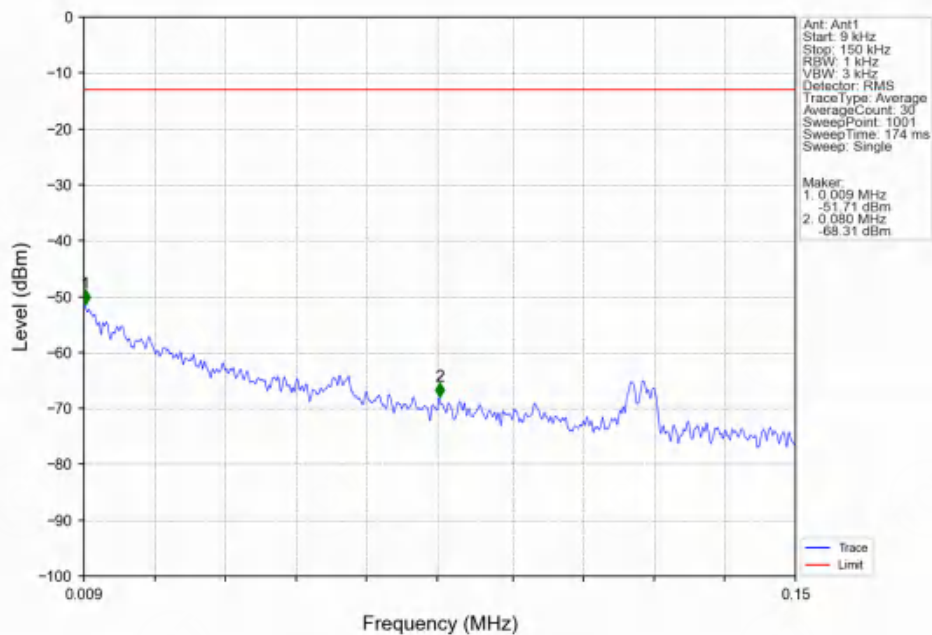
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



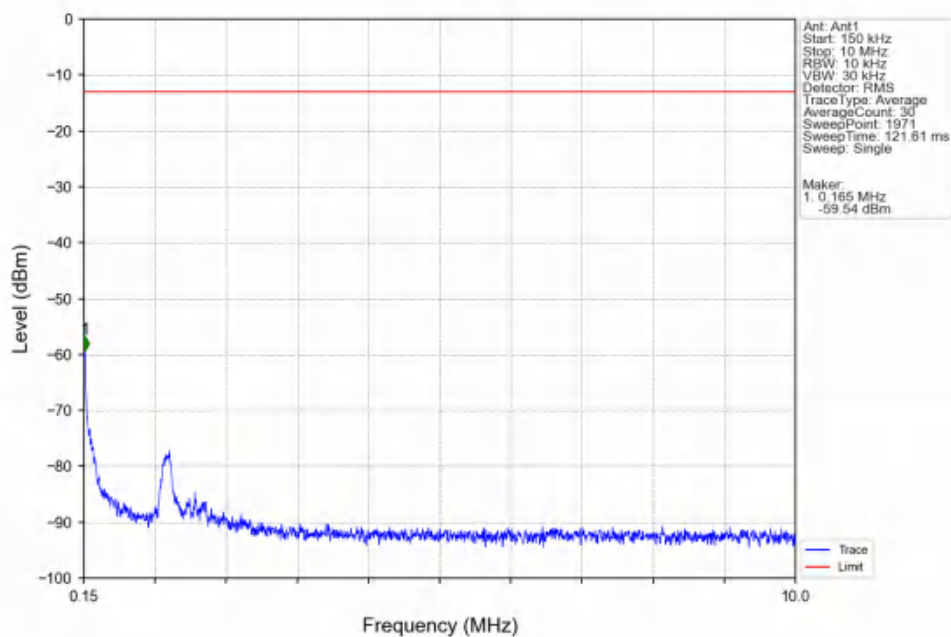
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



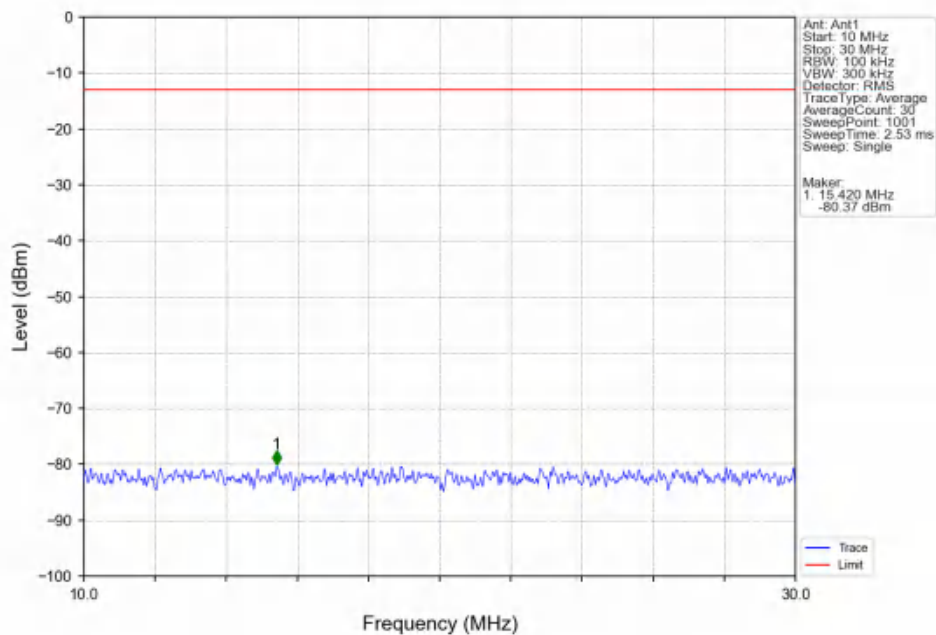
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



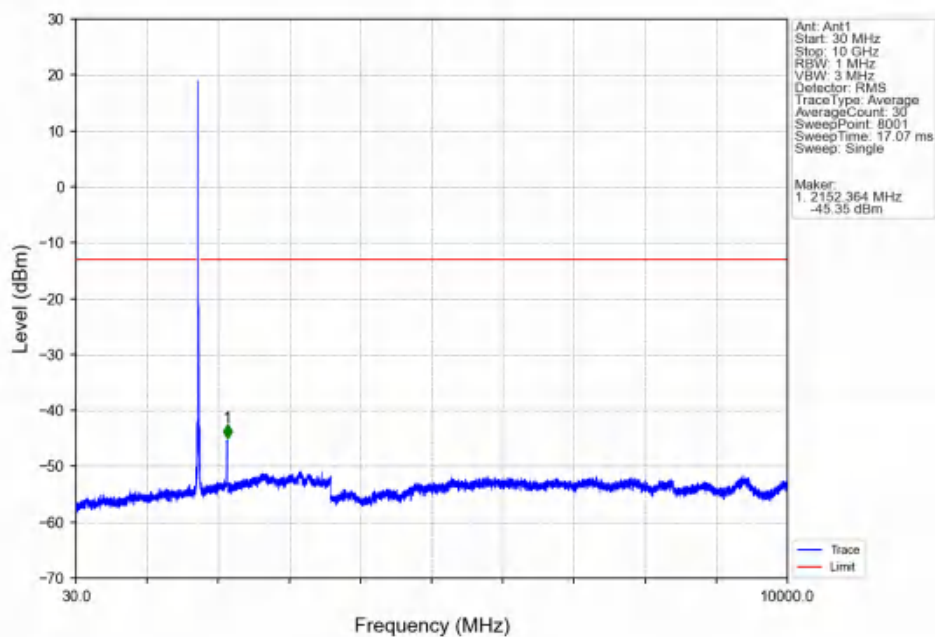
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



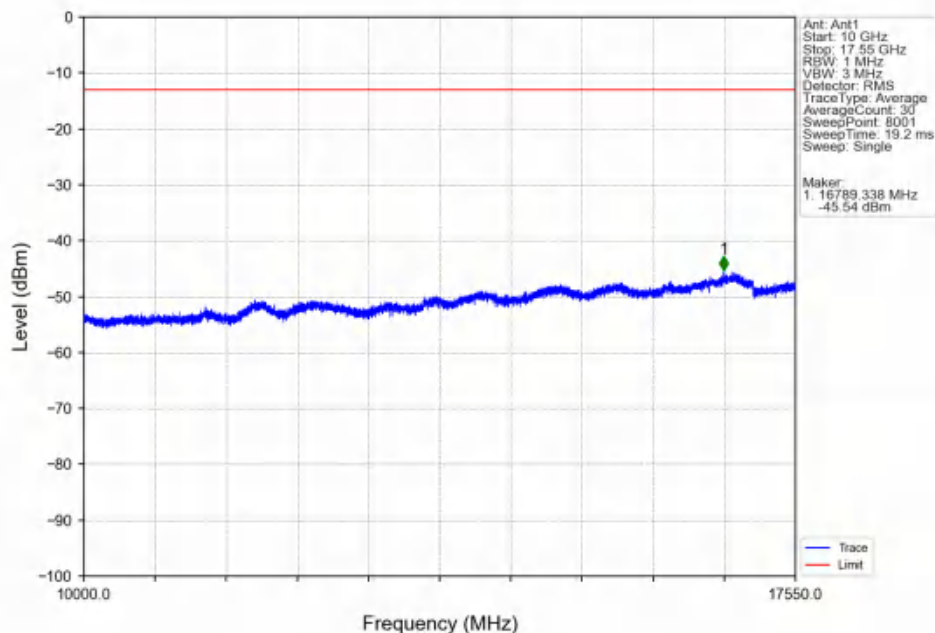
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



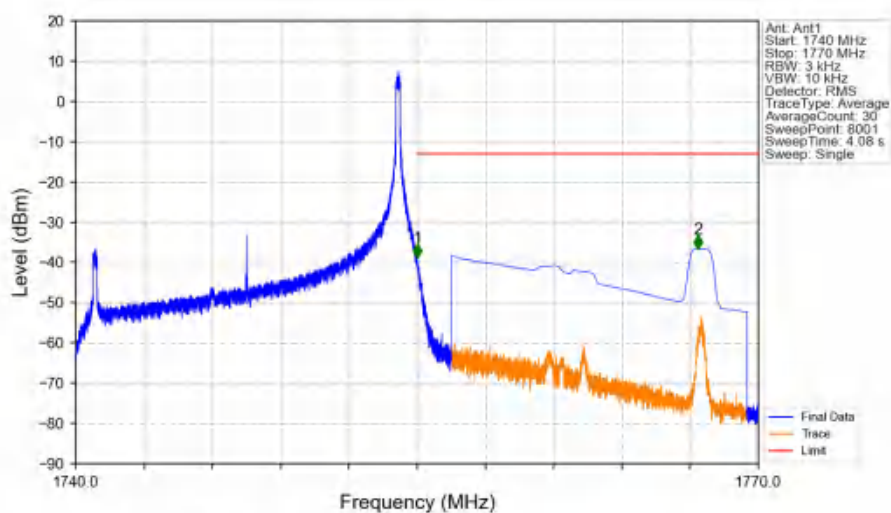
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

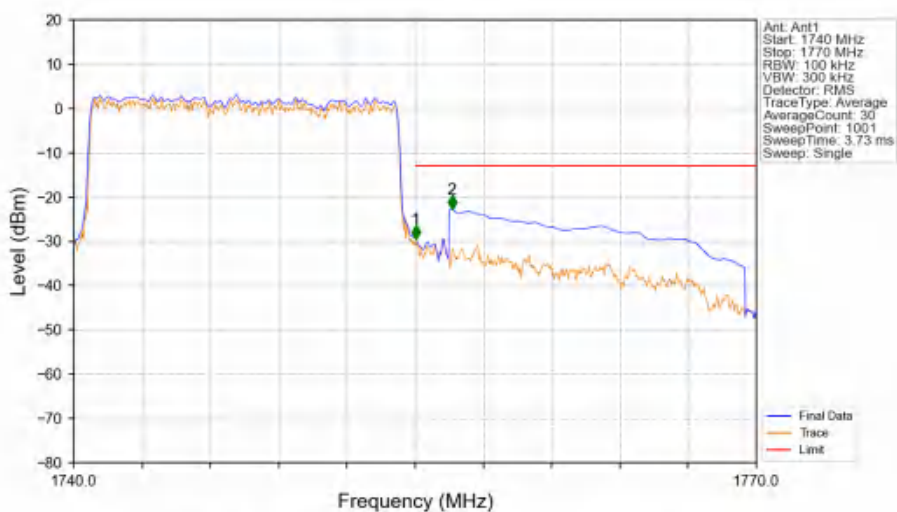


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



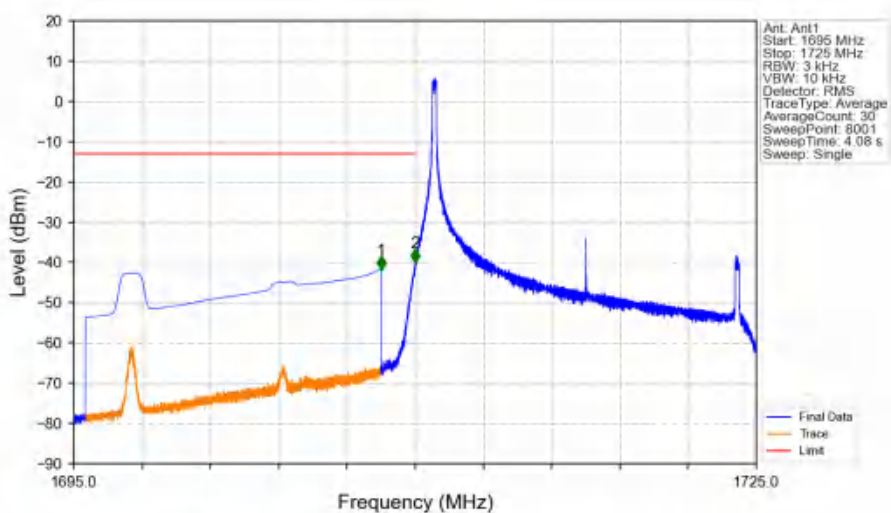
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-38.86	-13	Pass
1756	1770	1	CHP	2	1767.349	-36.63	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



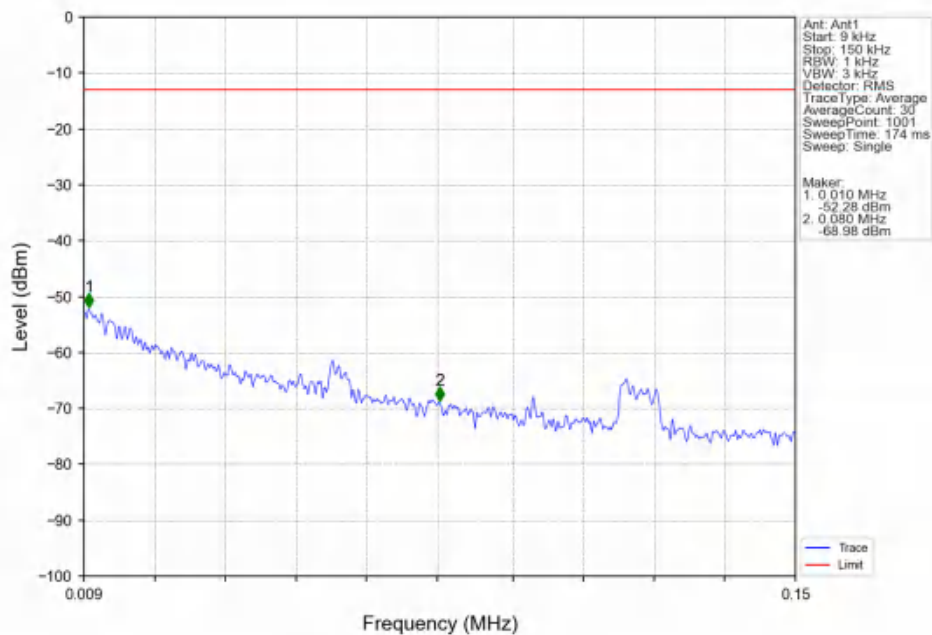
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.152	CHP	/	/	/	/	/
1755	1756	0.152	CHP	1	1755.030	-29.44	-13	Pass
1756	1770	1	CHP	2	1756.620	-22.78	-13	Pass

Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV

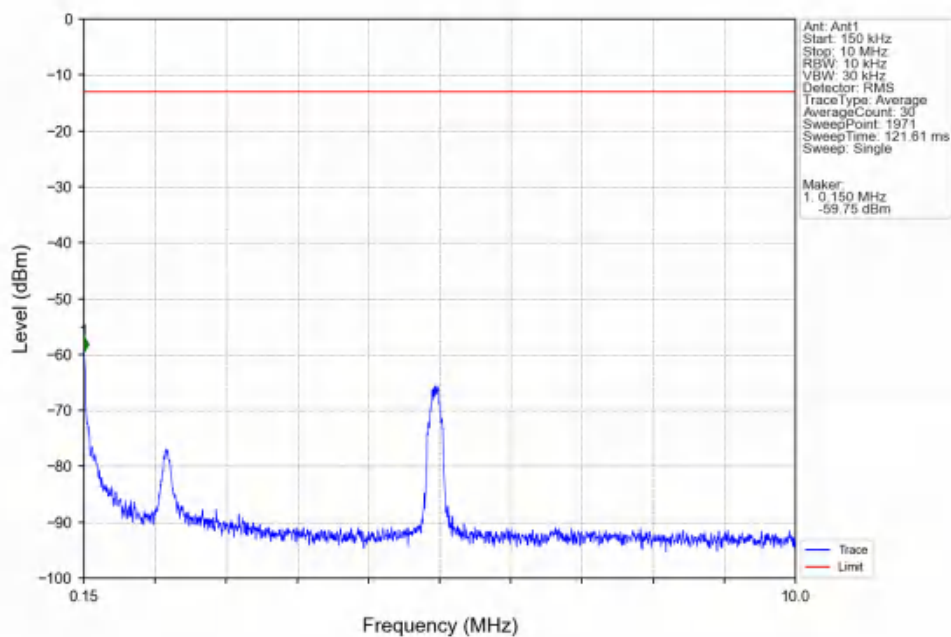


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-41.76	-13	Pass
1709	1710	0.003	/	2	1709.996	-40.05	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

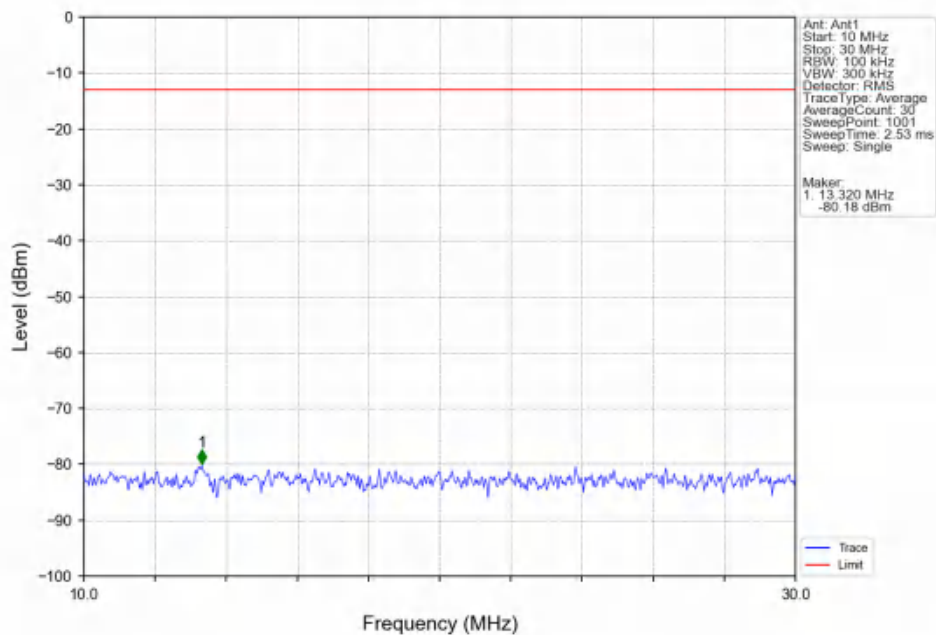
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



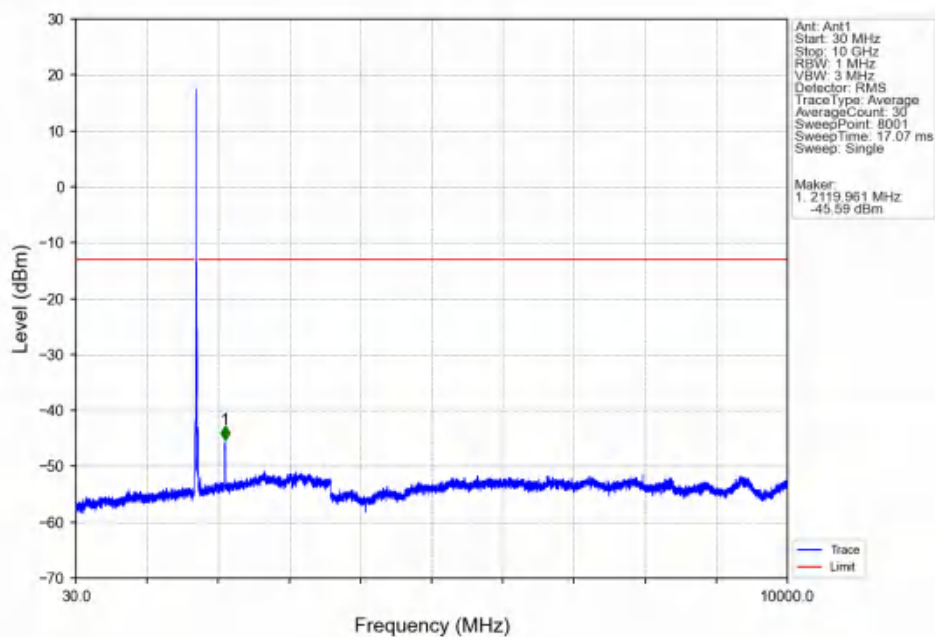
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



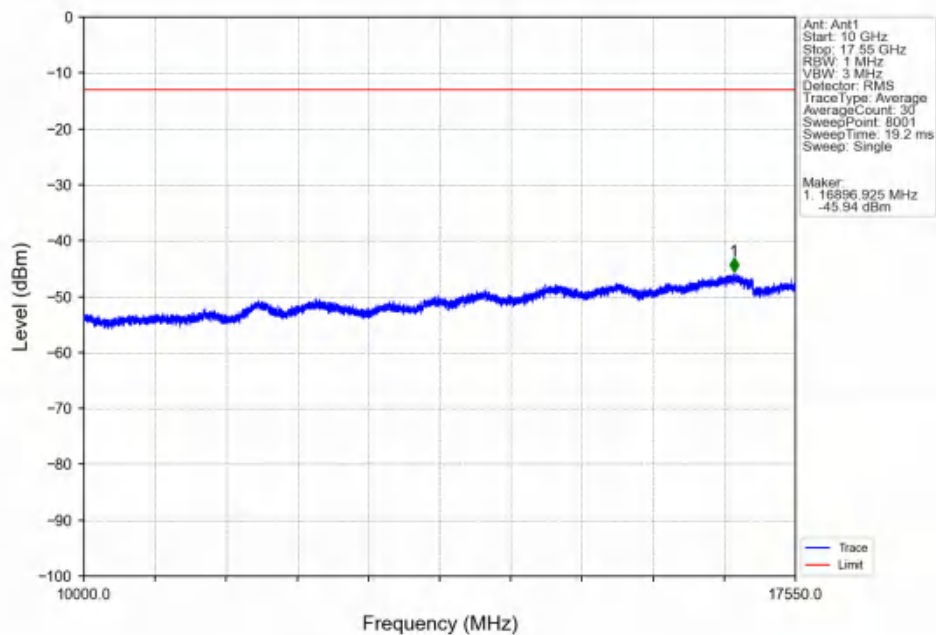
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



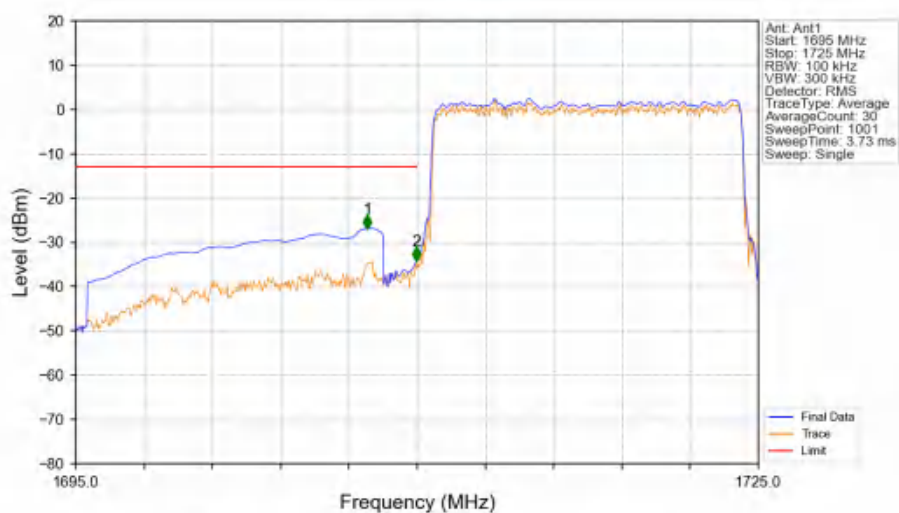
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV

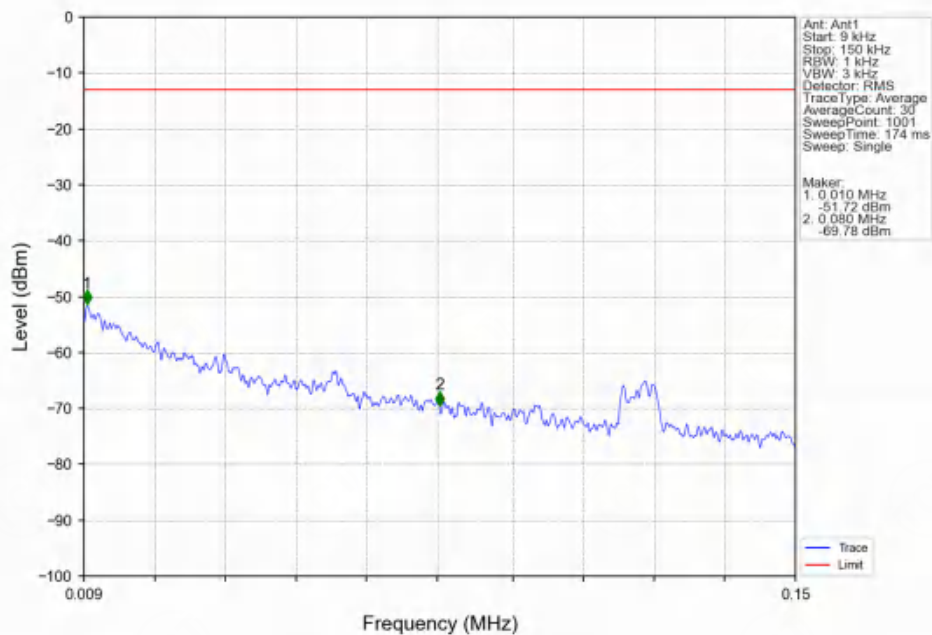


Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV

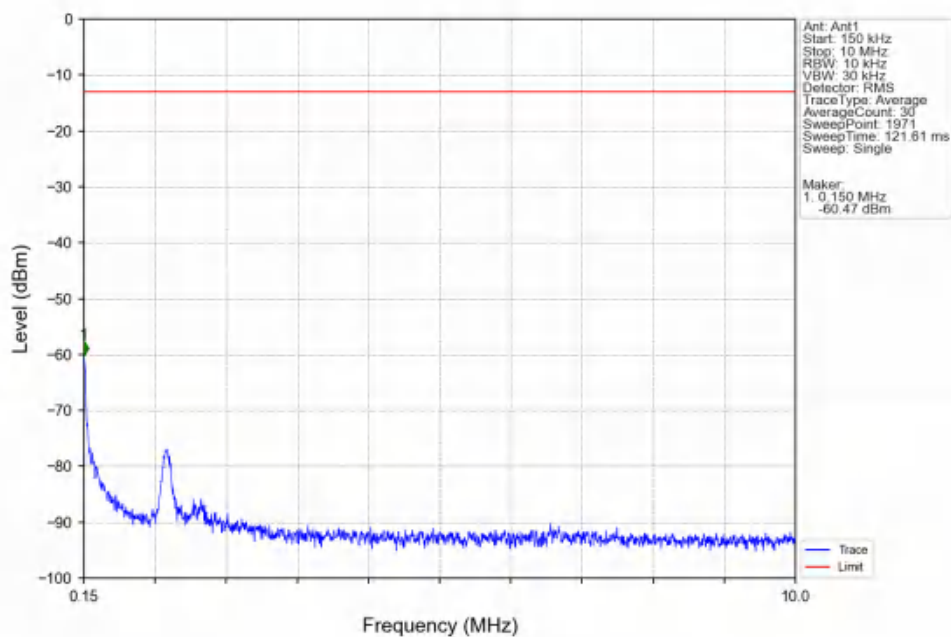


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.810	-26.93	-13	Pass
1709	1710	0.151	CHP	2	1709.970	-34.21	-13	Pass
1710	1725	0.151	CHP	/	/	/	/	/

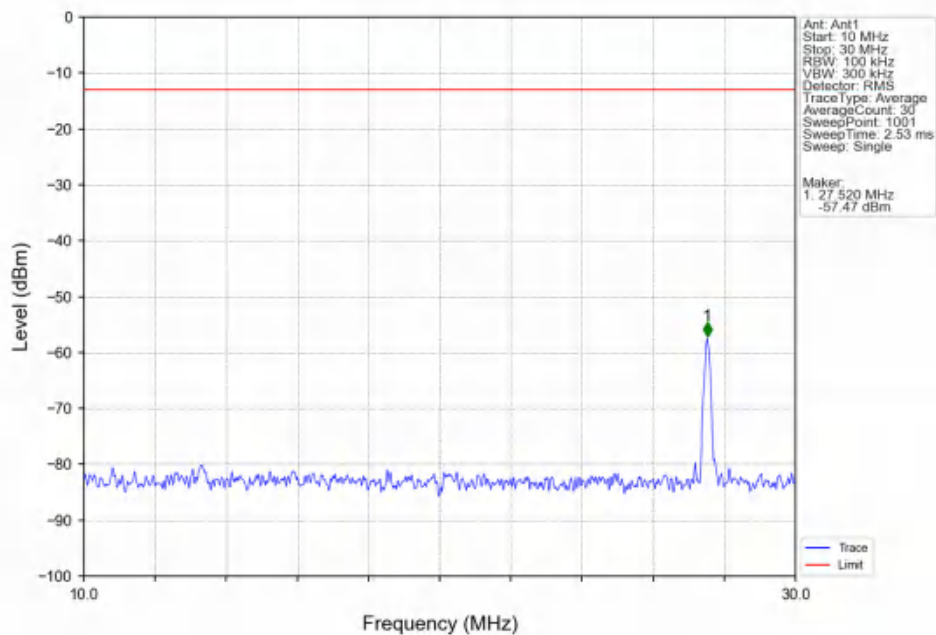
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



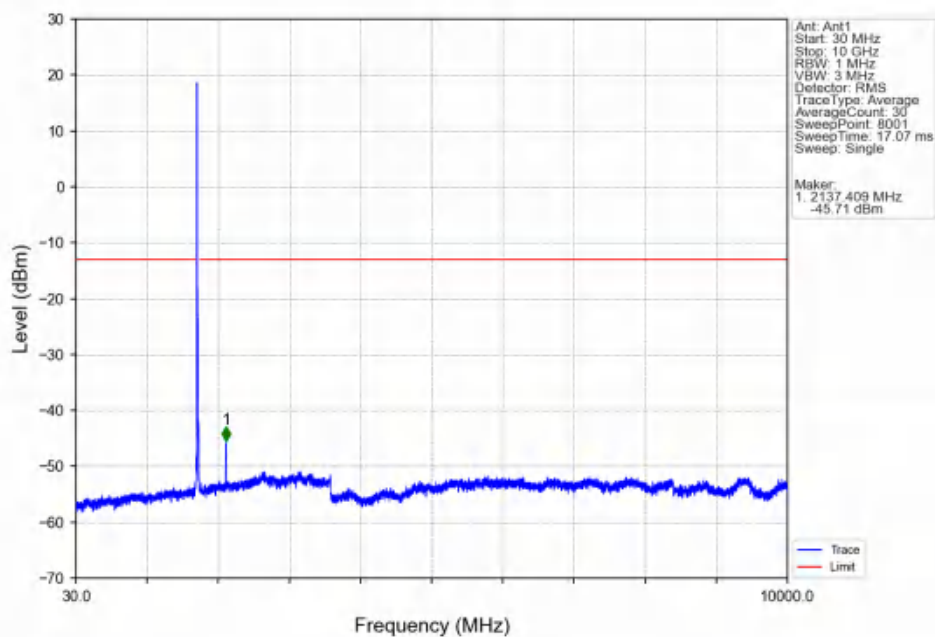
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



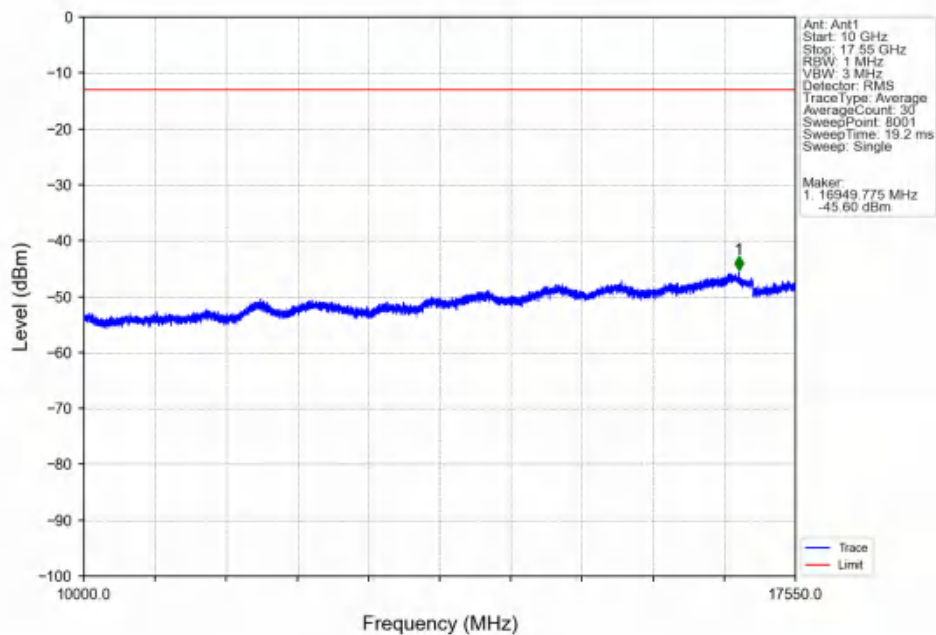
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



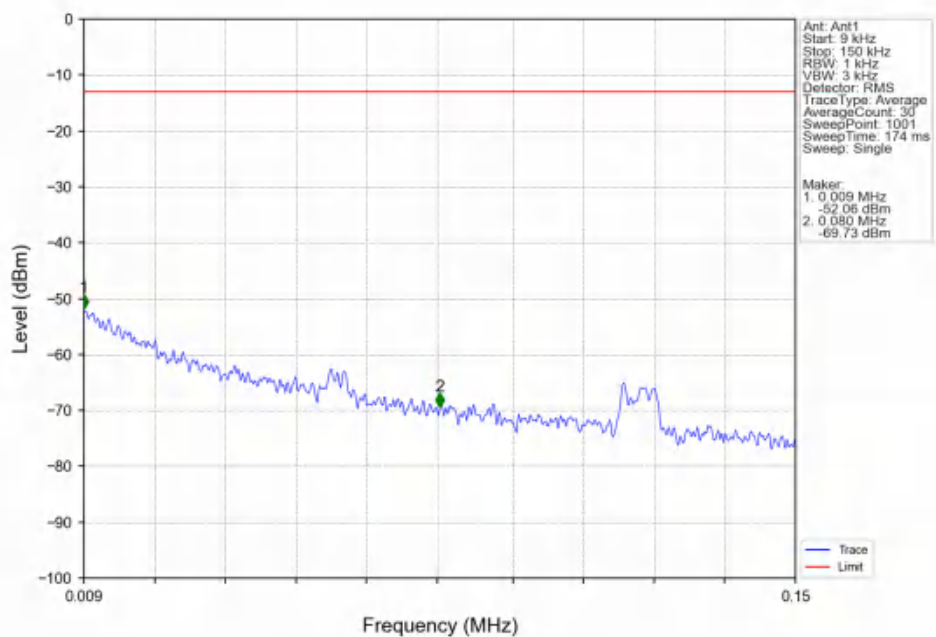
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



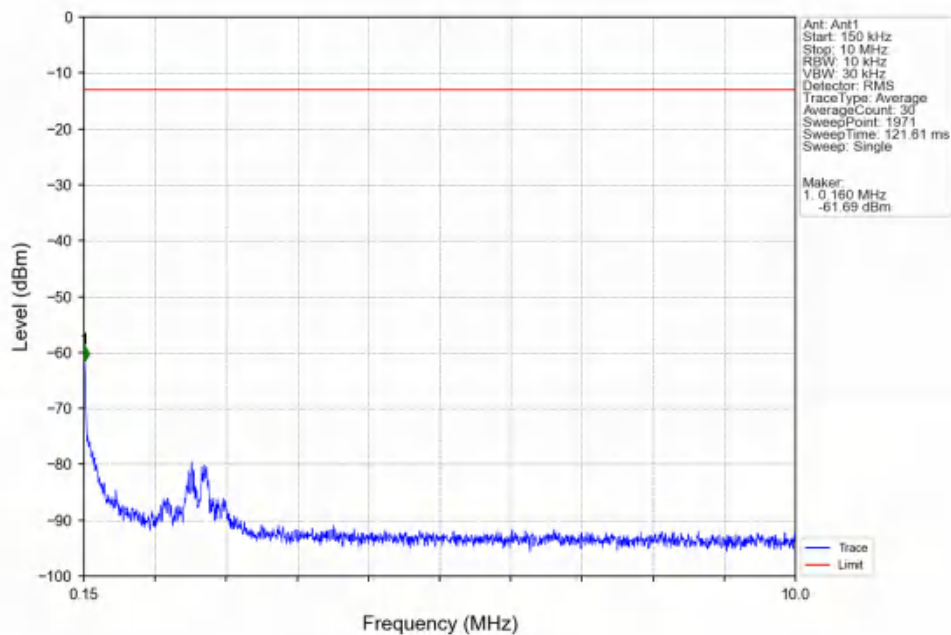
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



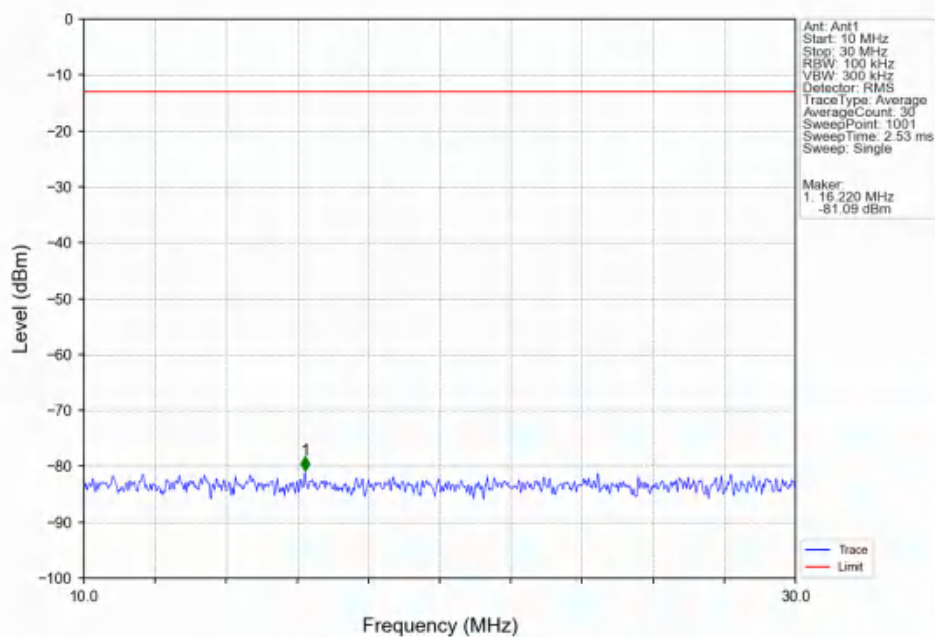
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



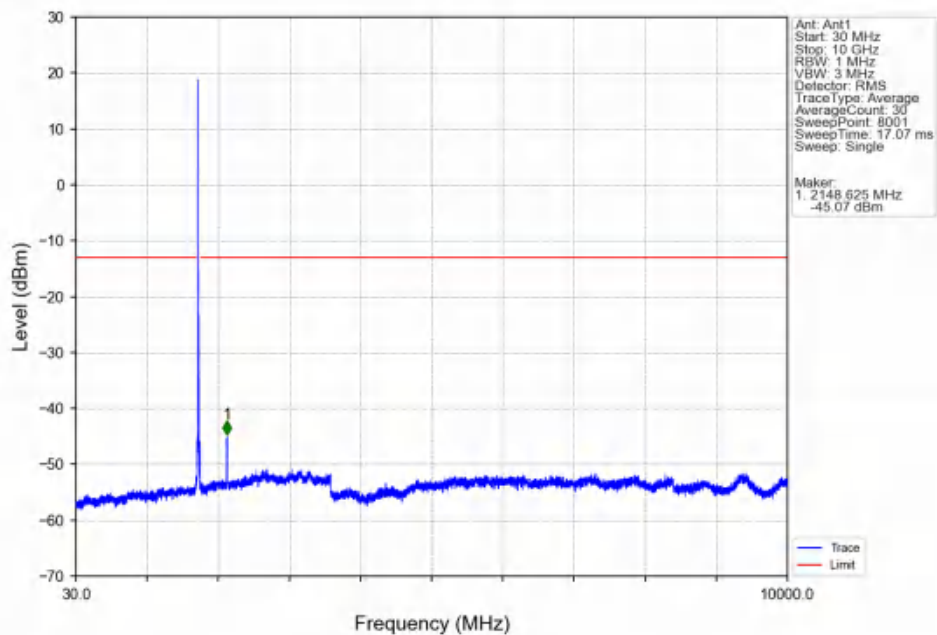
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



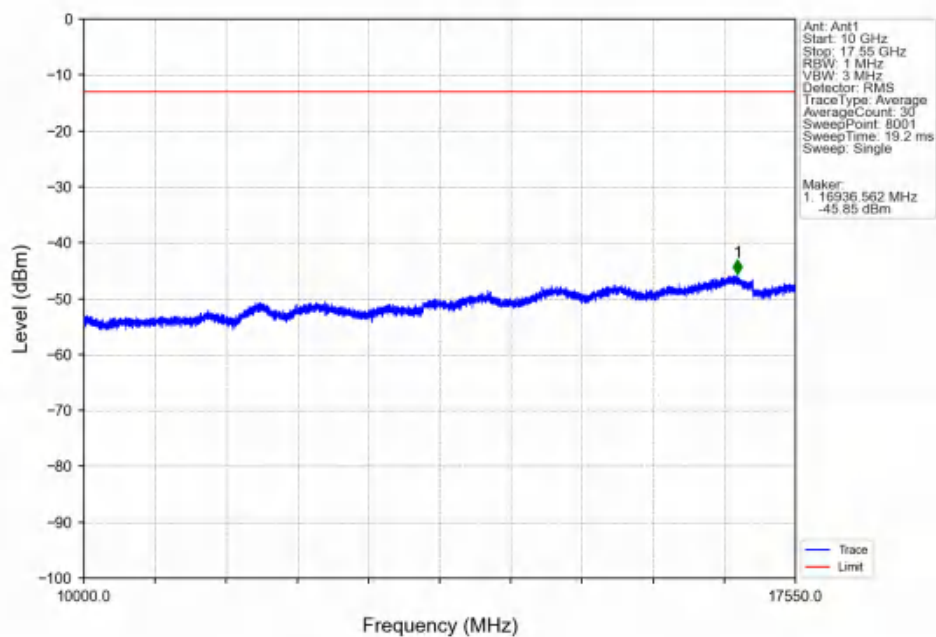
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



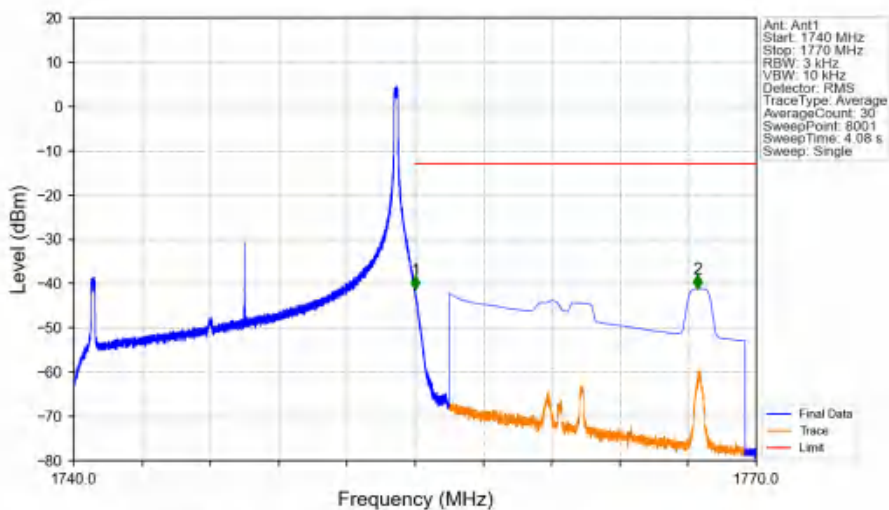
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV

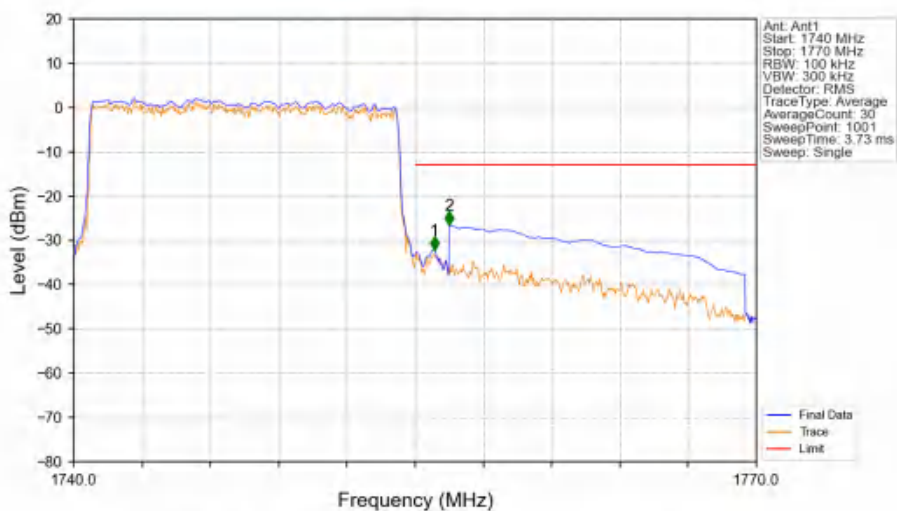


Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTNV



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	1755.015	-41.26	-13	Pass
1756	1770	1	CHP	2	1767.409	-41.20	-13	Pass

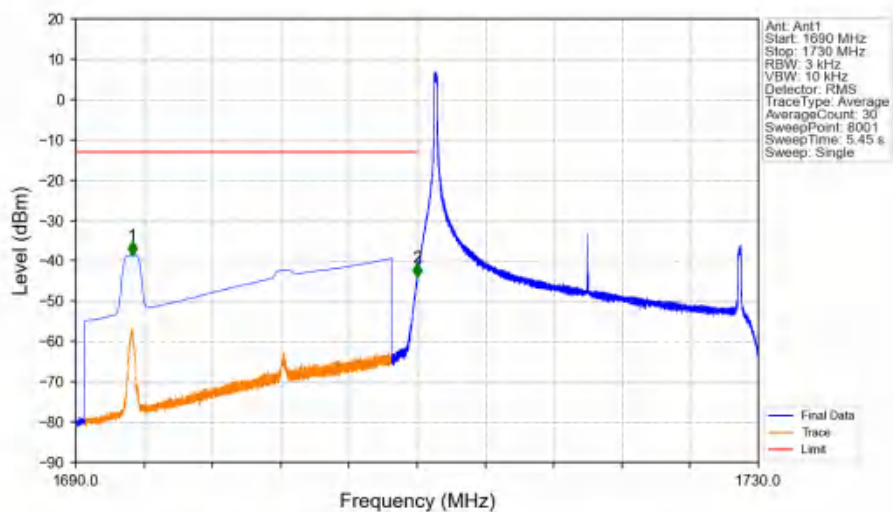
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



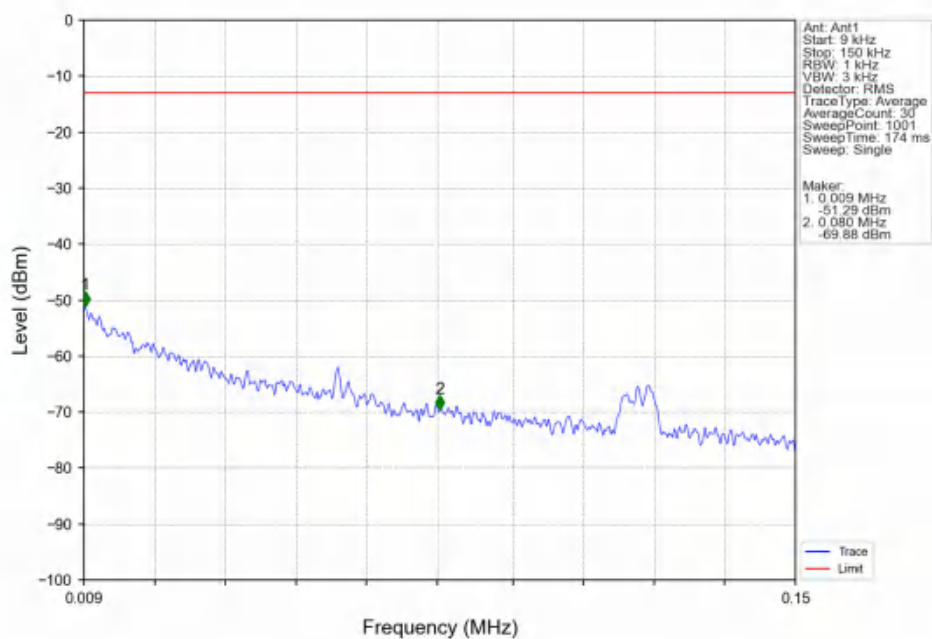
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.151	CHP	/	/	/	/	/
1755	1756	0.151	CHP	1	1755.840	-32.21	-13	Pass
1756	1770	1	CHP	2	1756.500	-26.55	-13	Pass

6.2.6 B4_20MHz

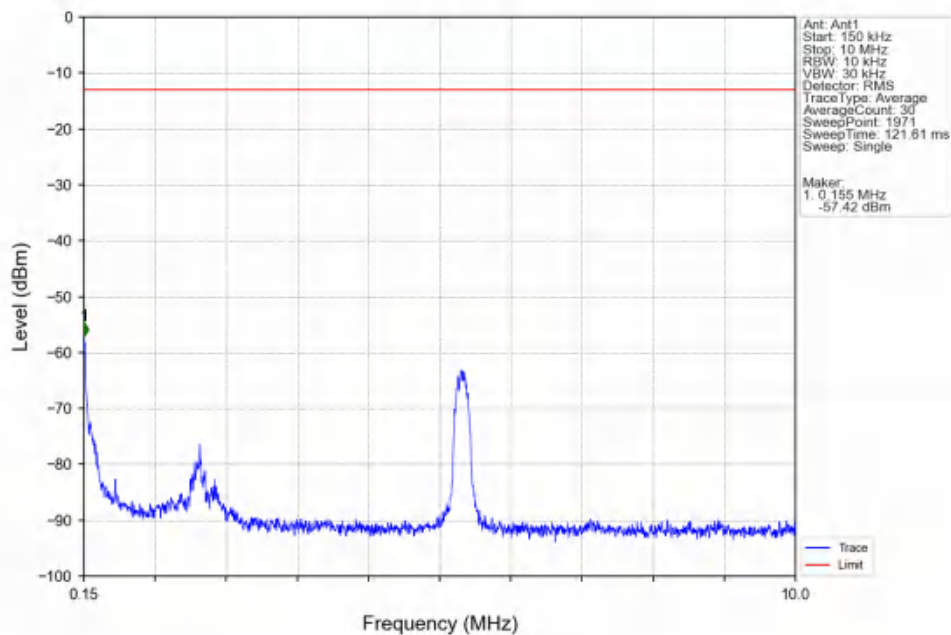
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



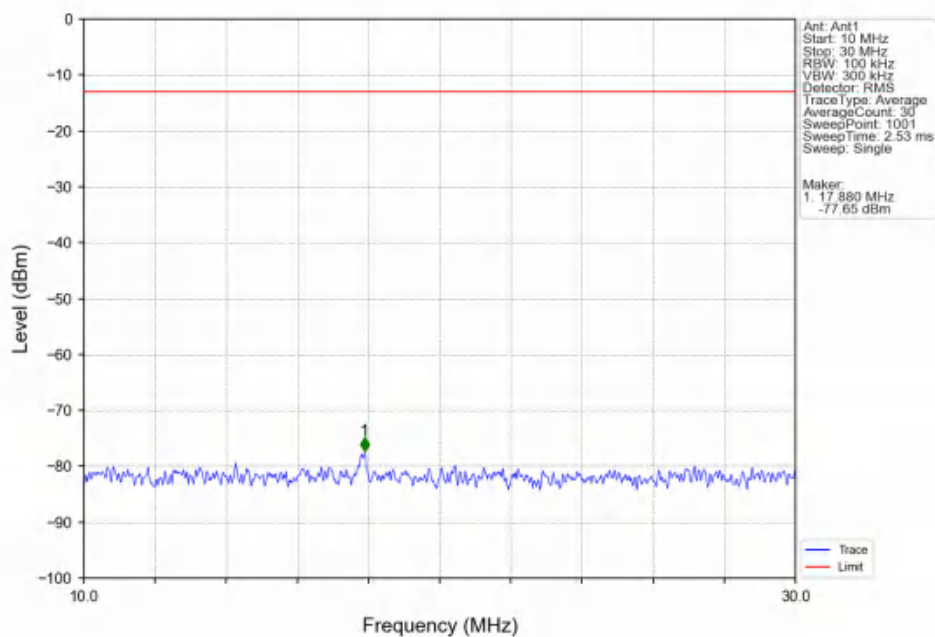
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



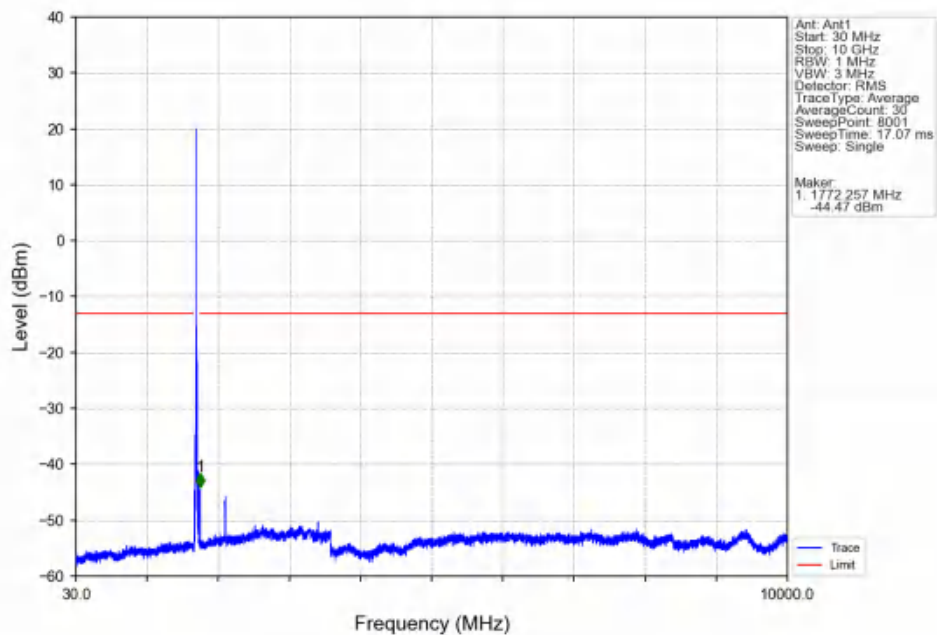
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



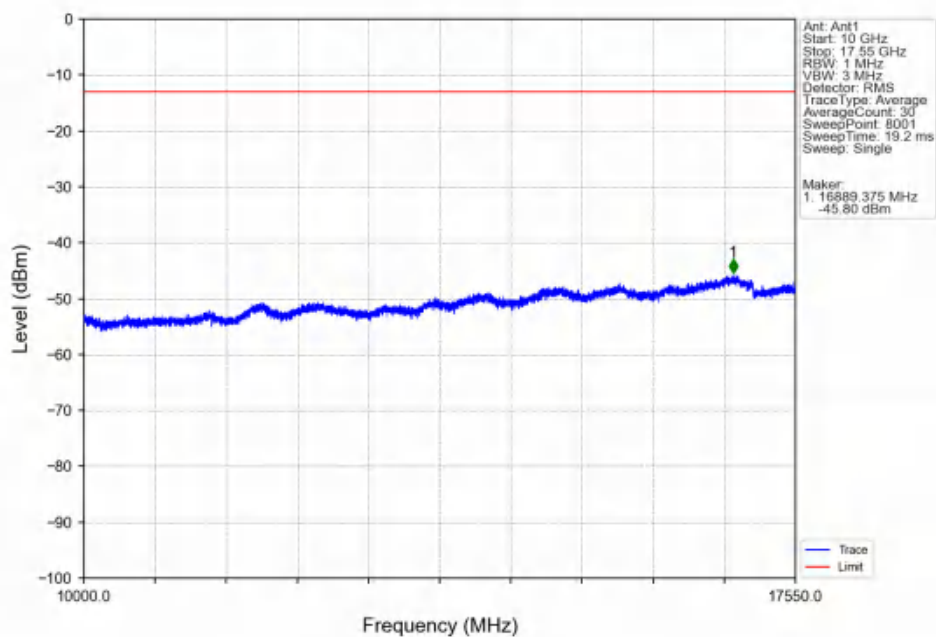
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



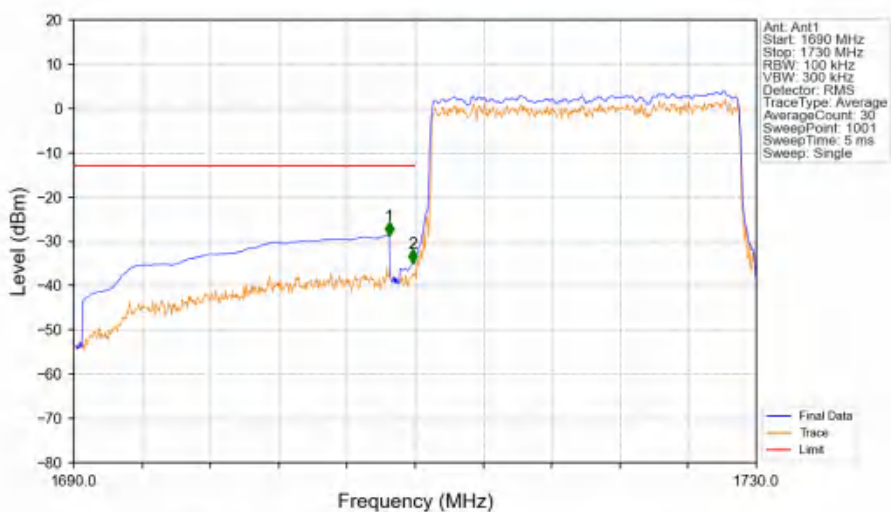
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV

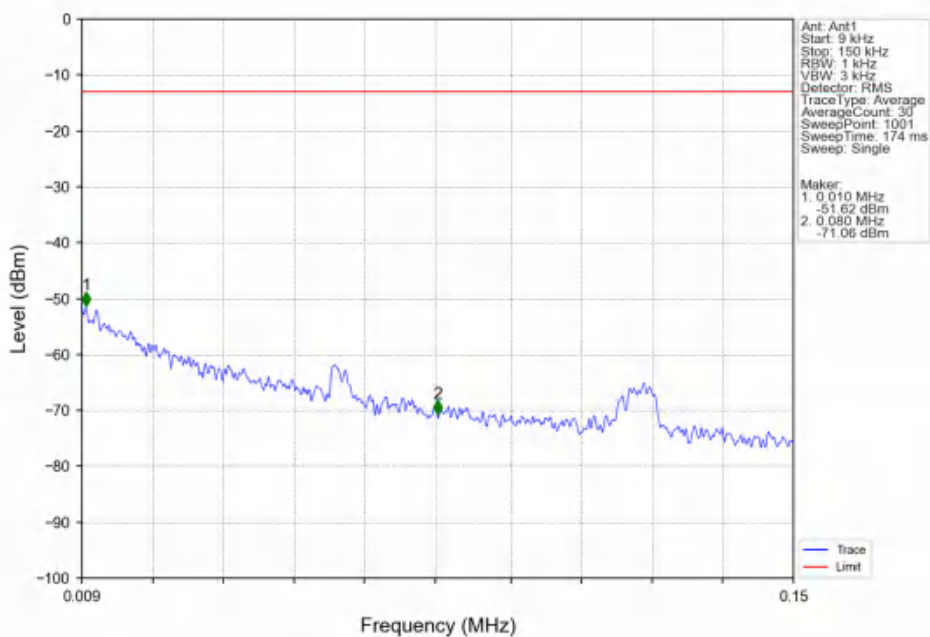


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV

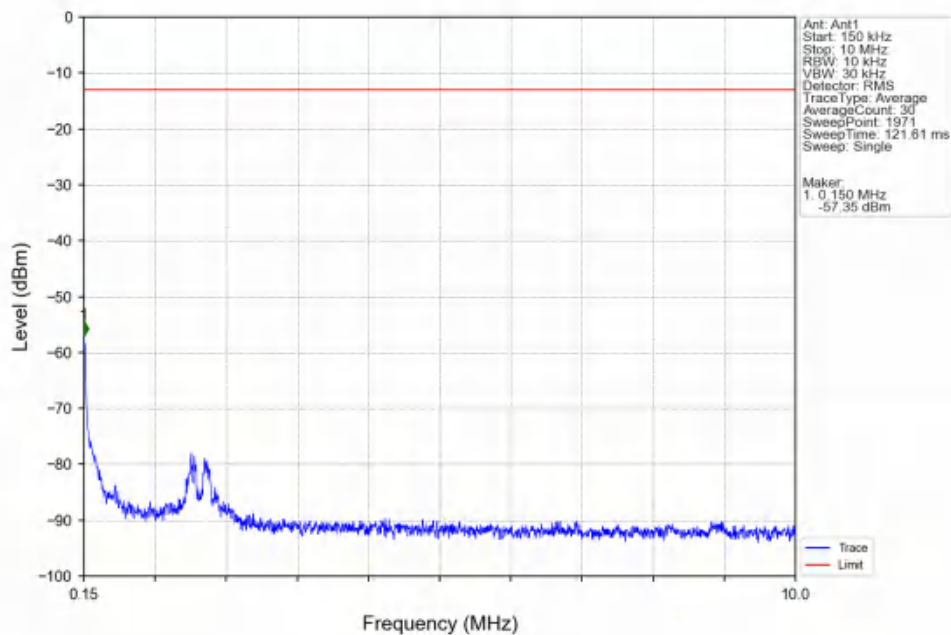


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-28.76	-13	Pass
1709	1710	0.201	CHP	2	1709.880	-35.01	-13	Pass
1710	1730	0.201	CHP	/	/	/	/	/

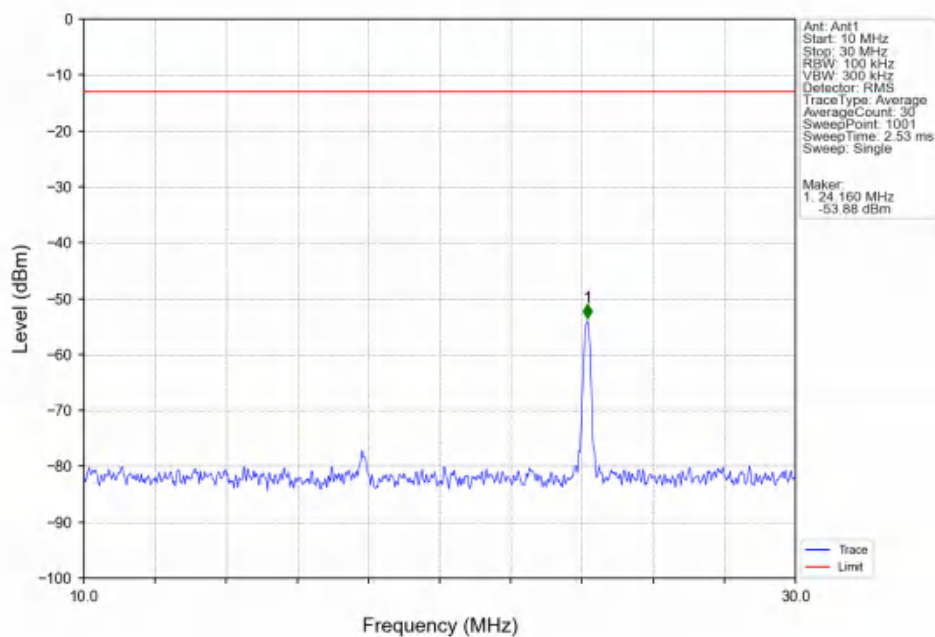
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



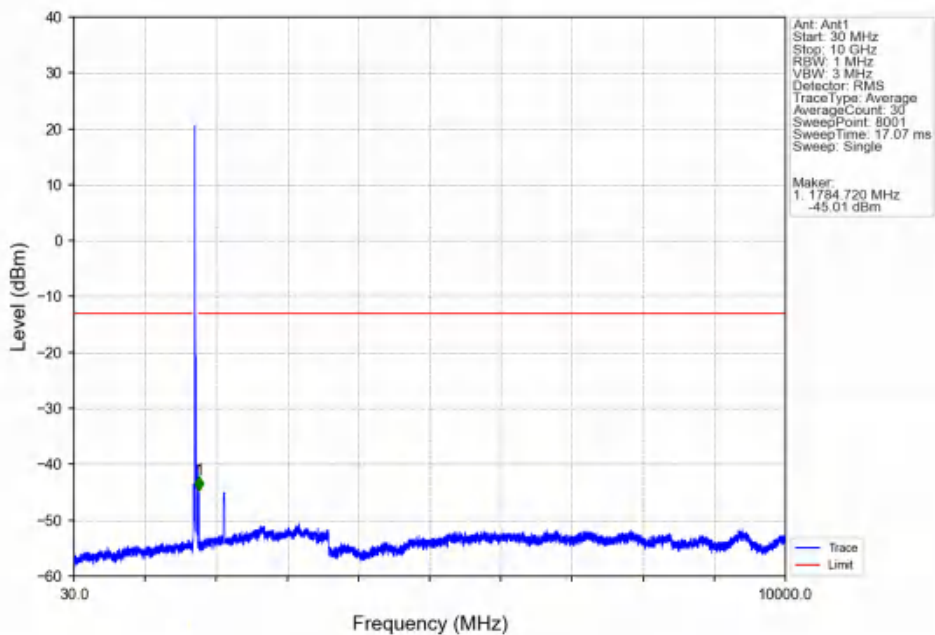
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



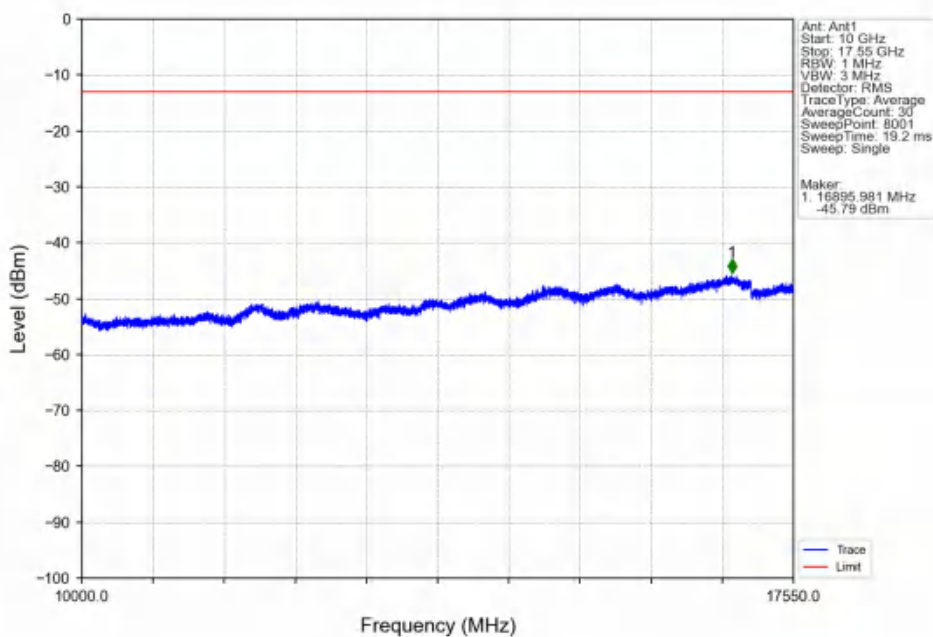
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



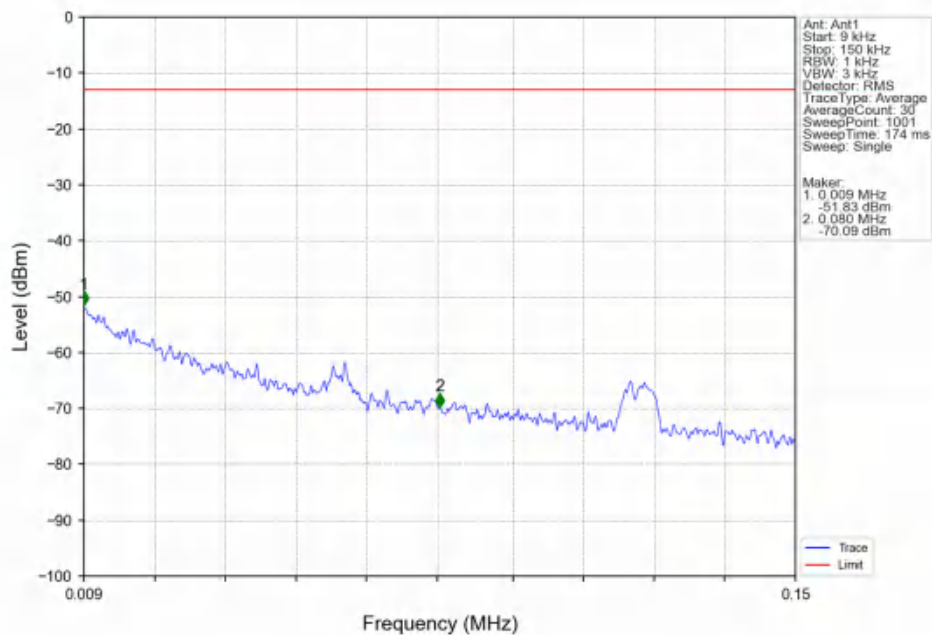
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



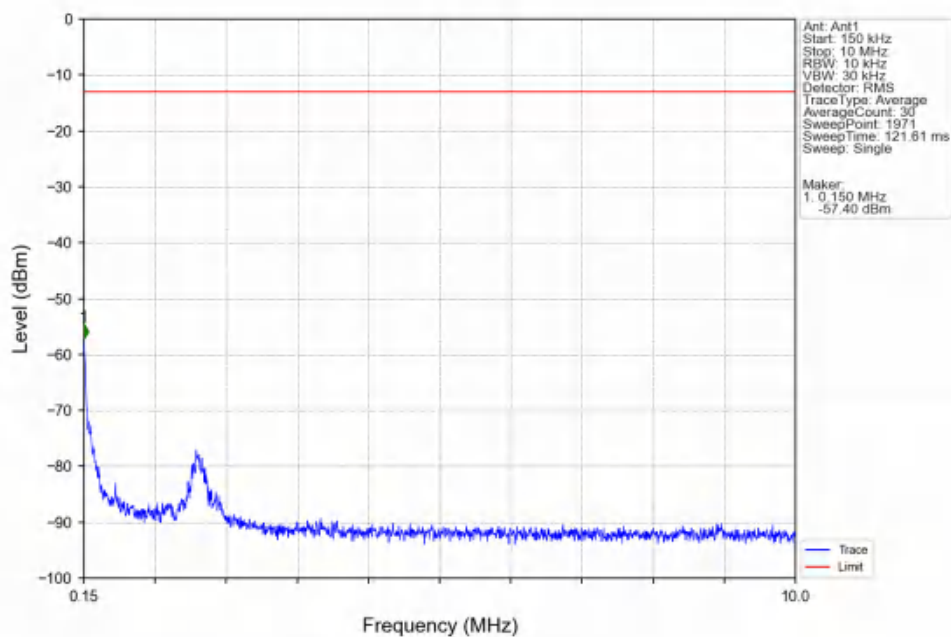
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



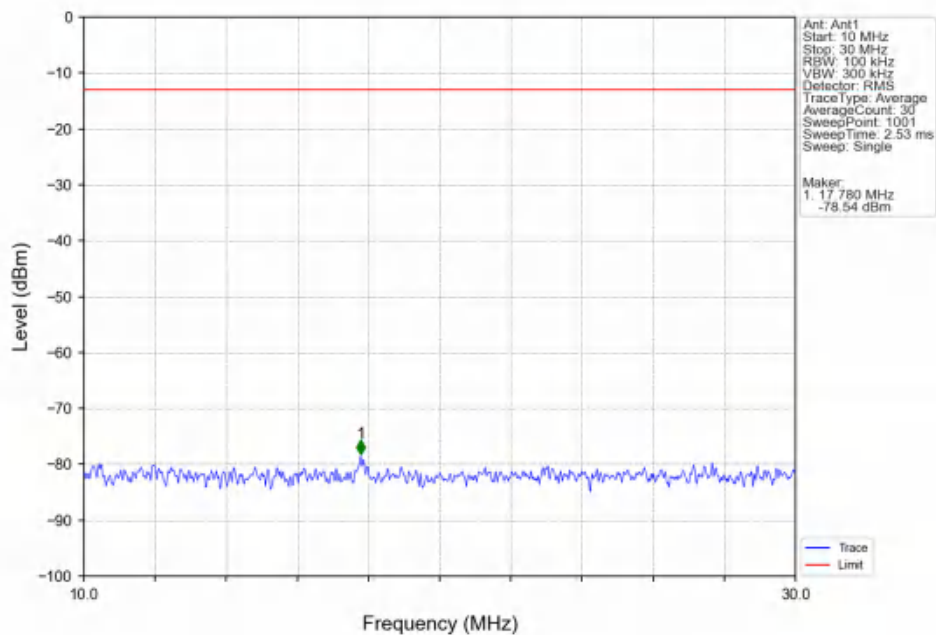
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



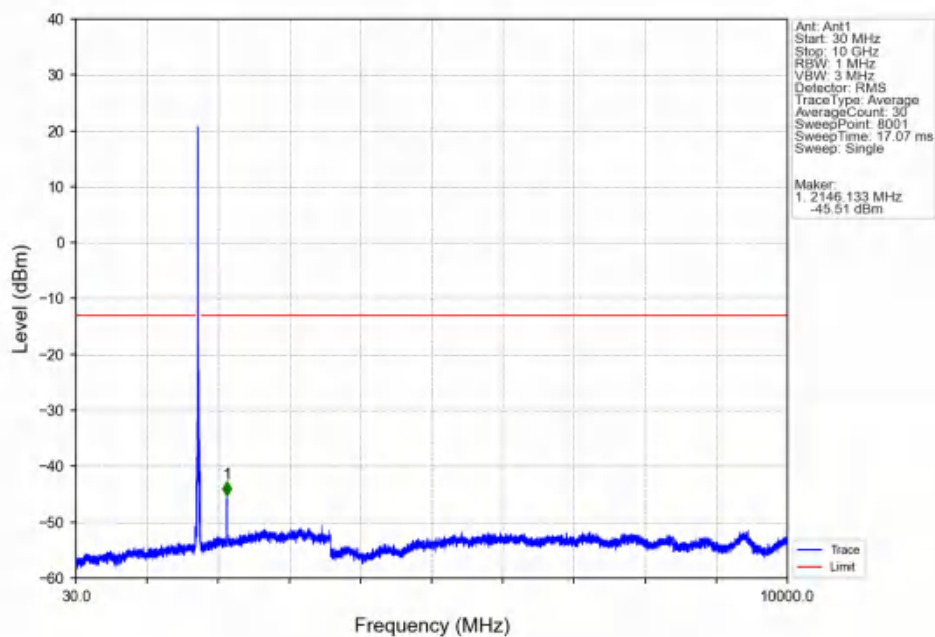
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



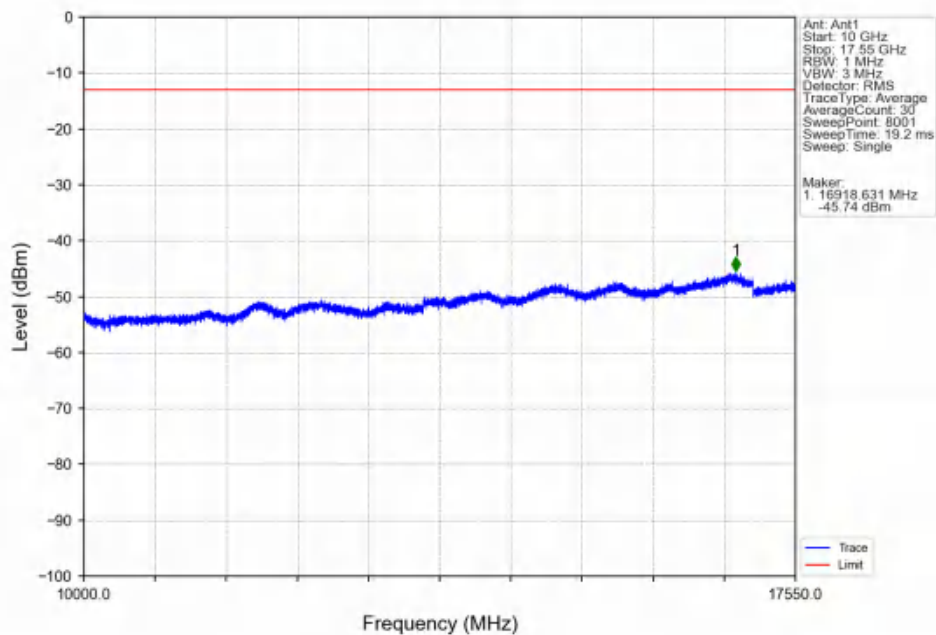
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



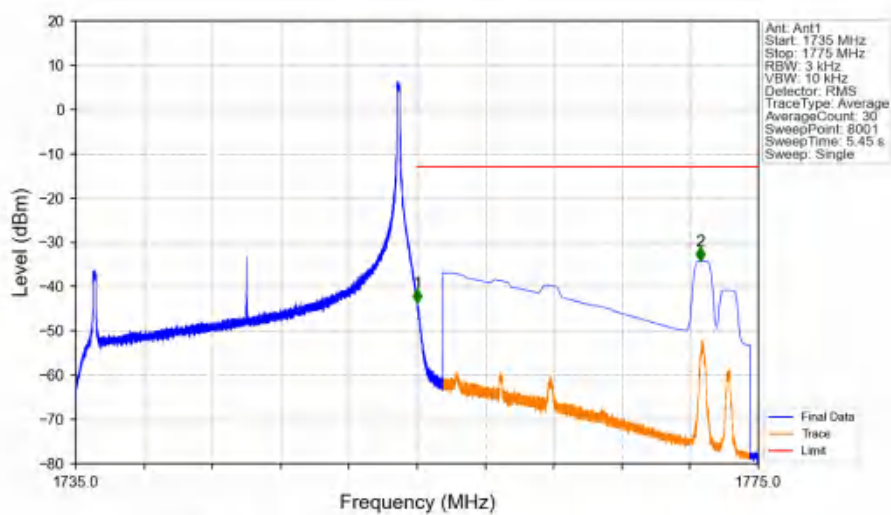
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV

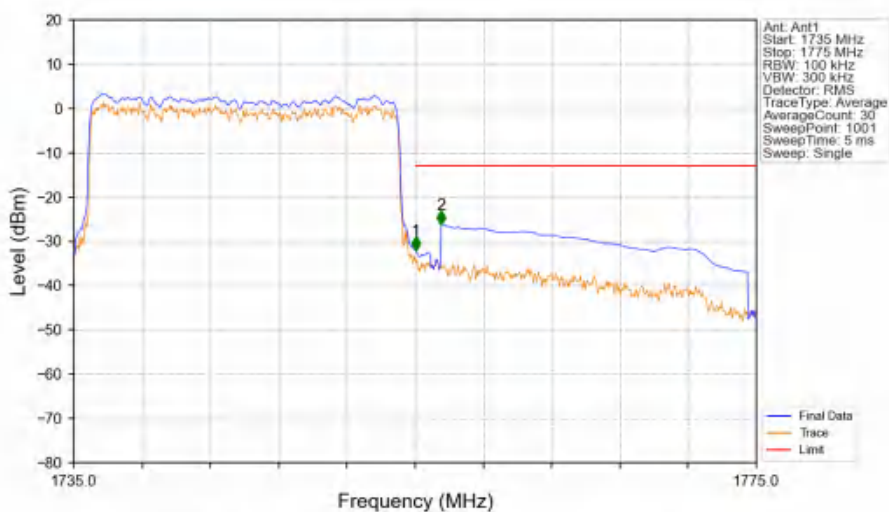


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



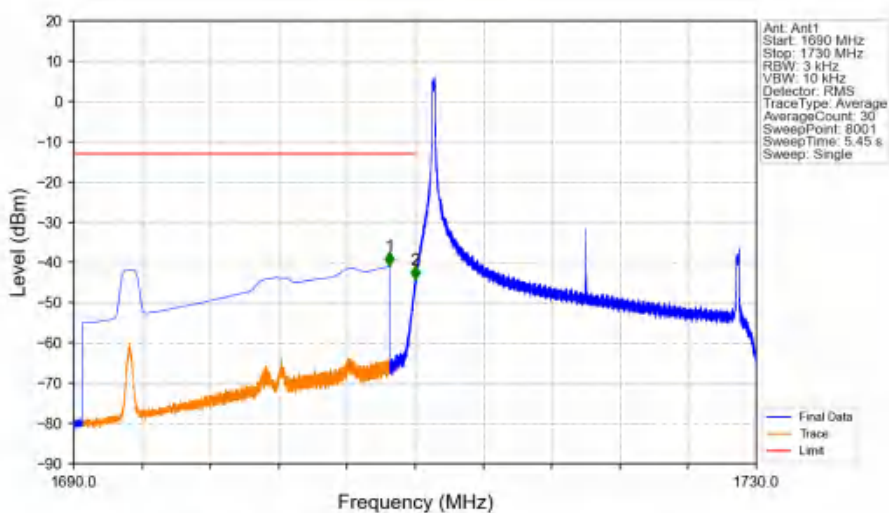
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-43.77	-13	Pass
1756	1775	1	CHP	2	1771.610	-34.21	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



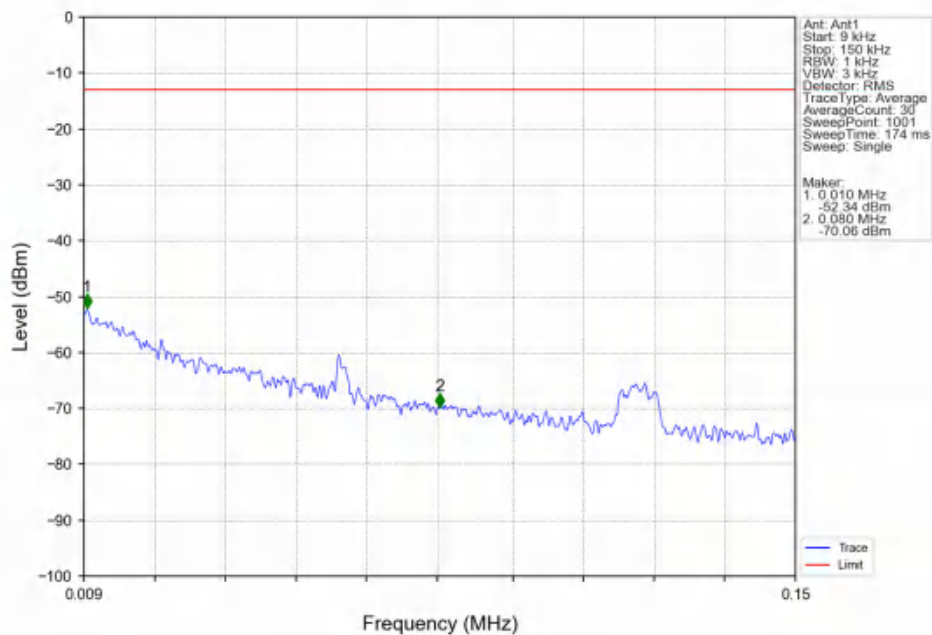
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	CHP	/	/	/	/	/
1755	1756	0.2	CHP	1	1755.040	-32.01	-13	Pass
1756	1775	1	CHP	2	1756.520	-26.16	-13	Pass

Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTV

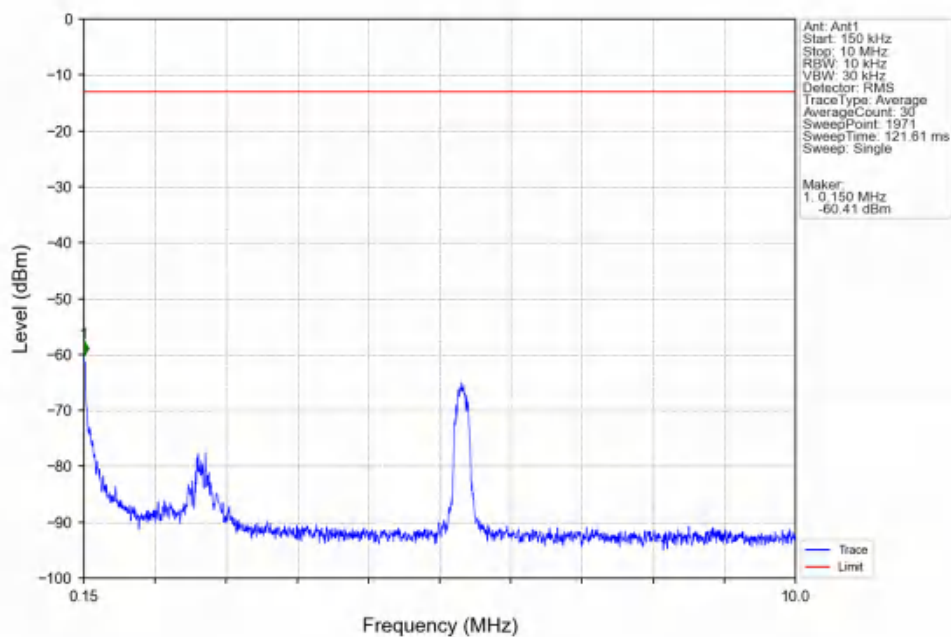


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-40.80	-13	Pass
1709	1710	0.003	/	2	1709.995	-44.19	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

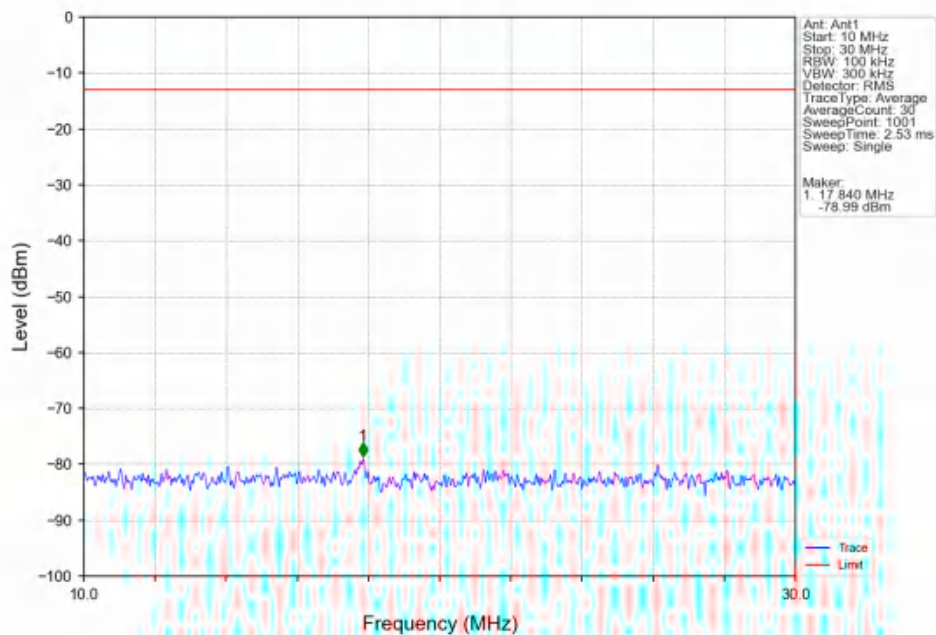
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



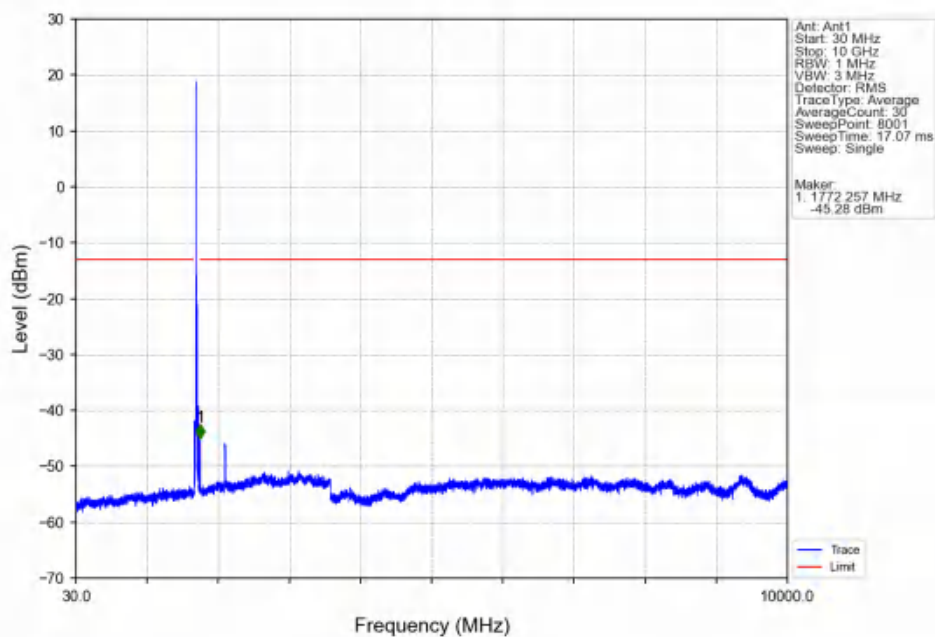
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



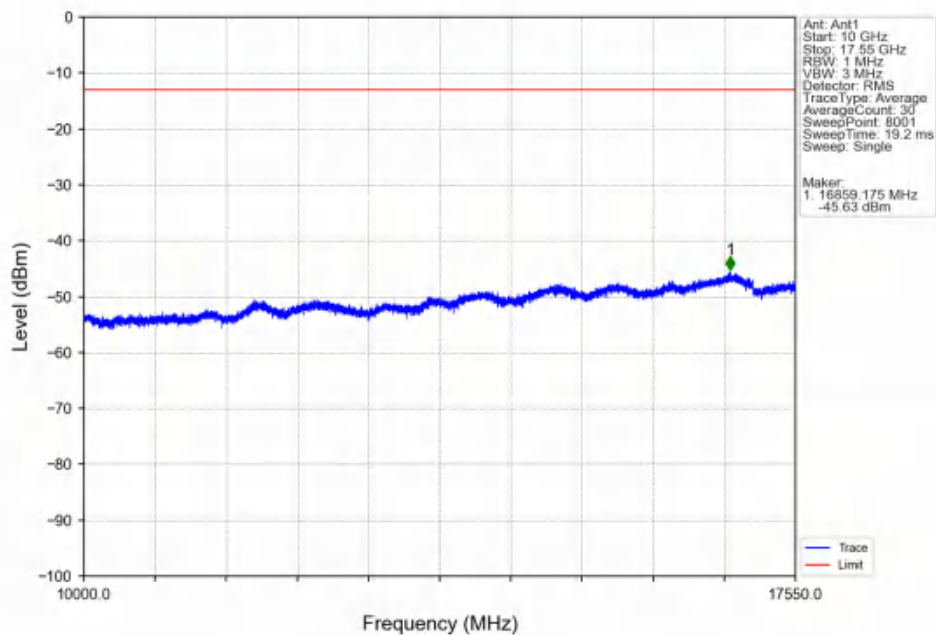
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



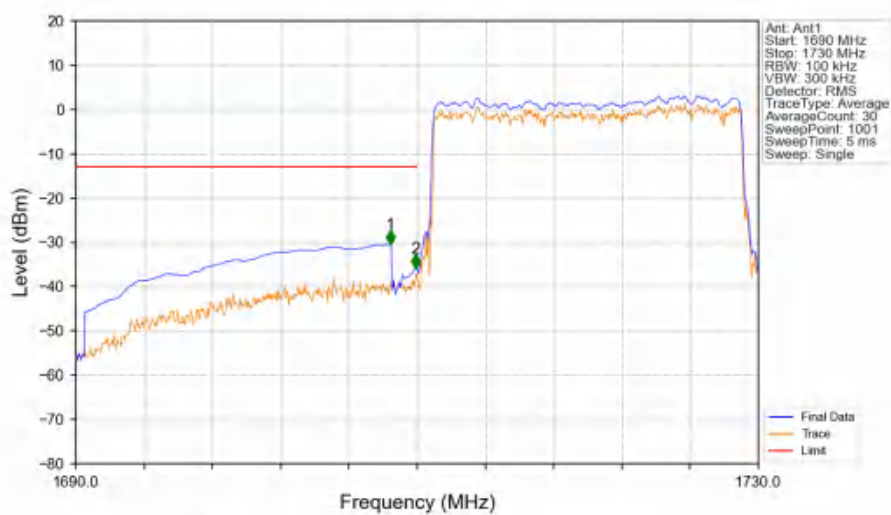
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

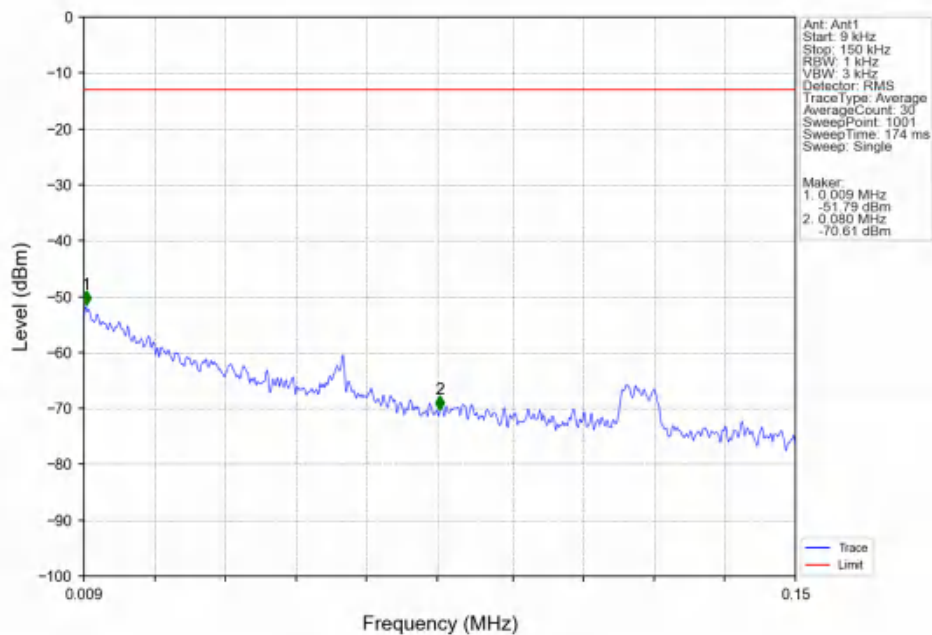


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

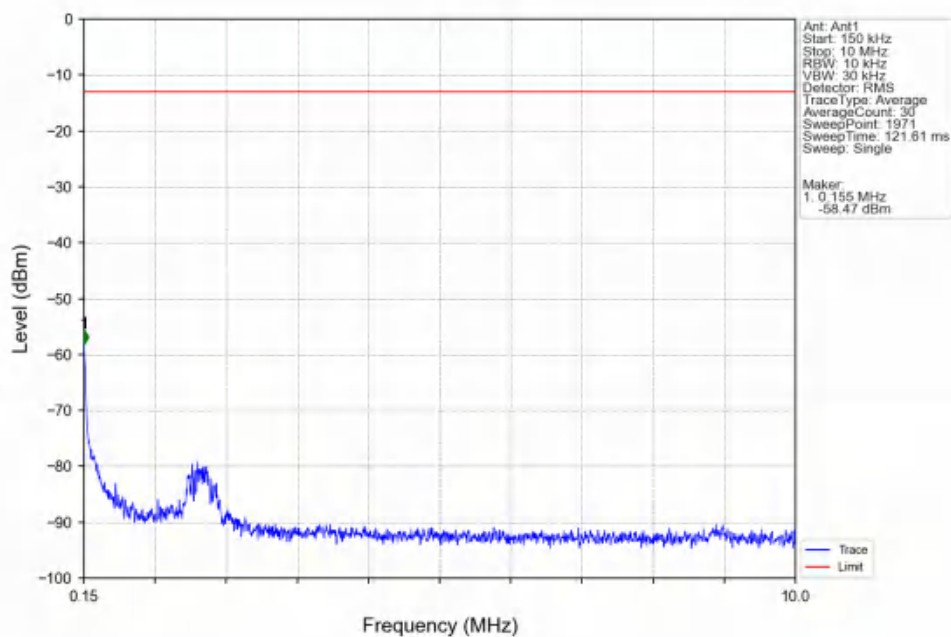


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.440	-30.47	-13	Pass
1709	1710	0.2	CHP	2	1709.920	-35.79	-13	Pass
1710	1730	0.2	CHP	/	/	/	/	/

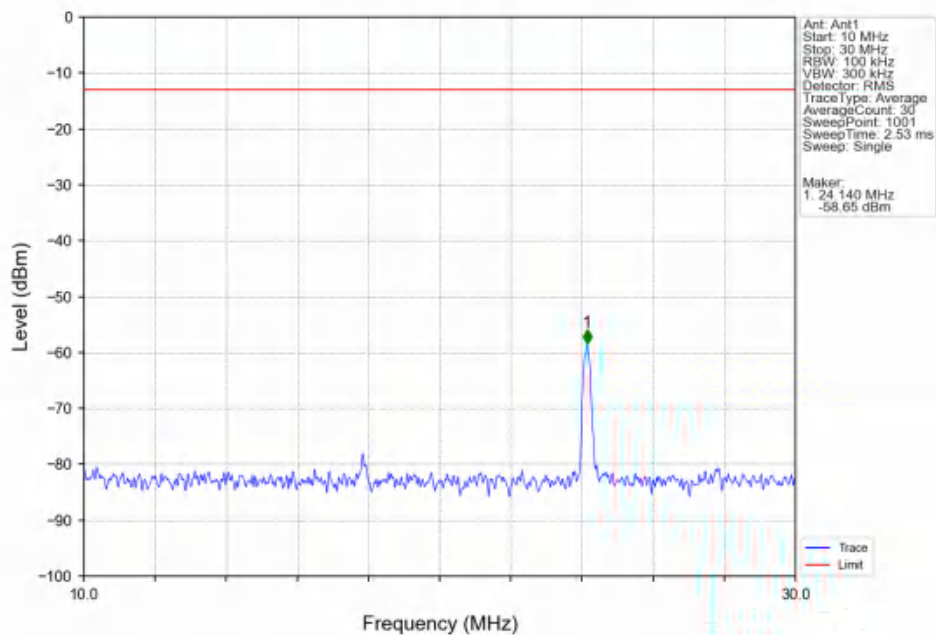
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



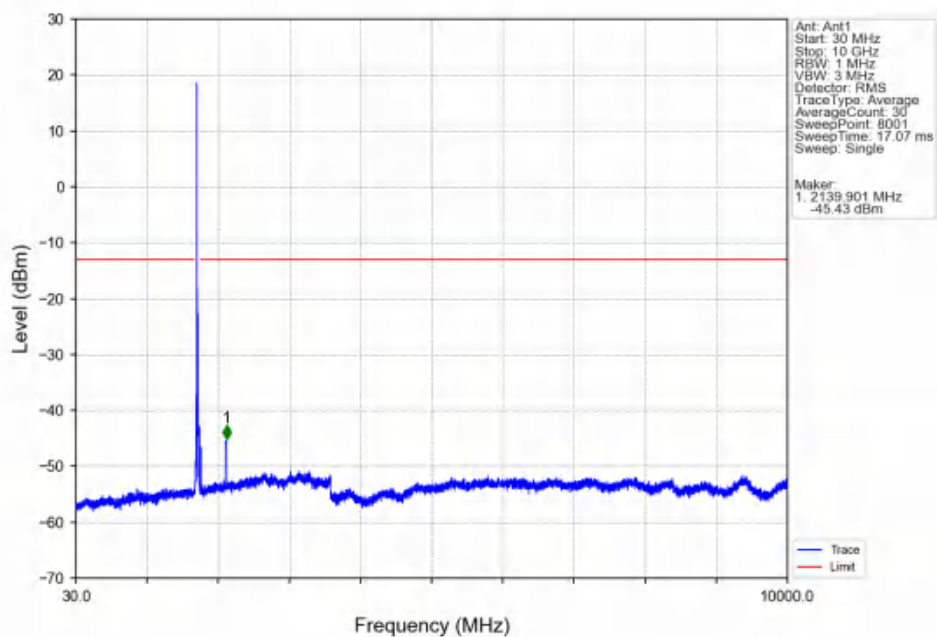
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



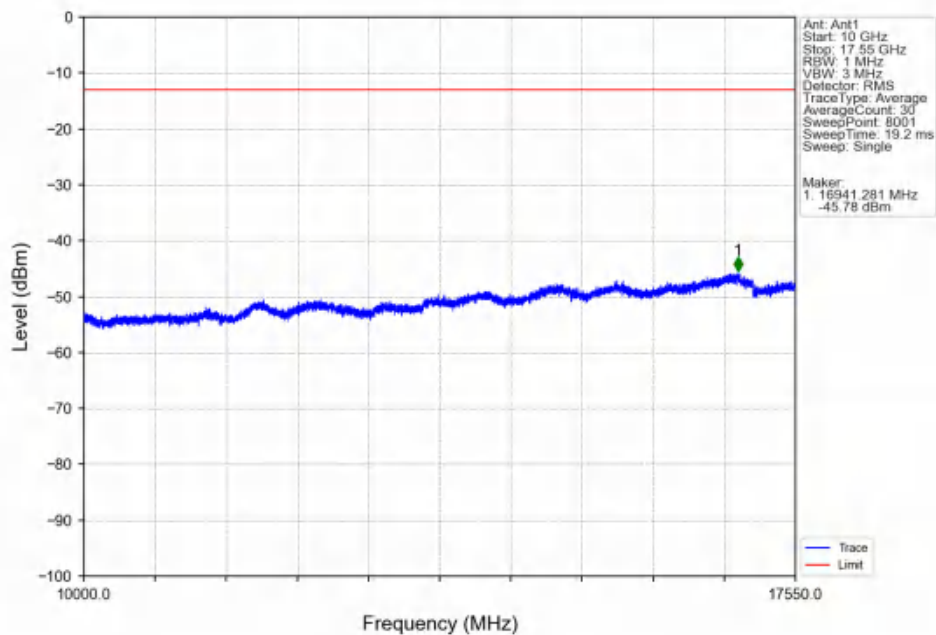
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



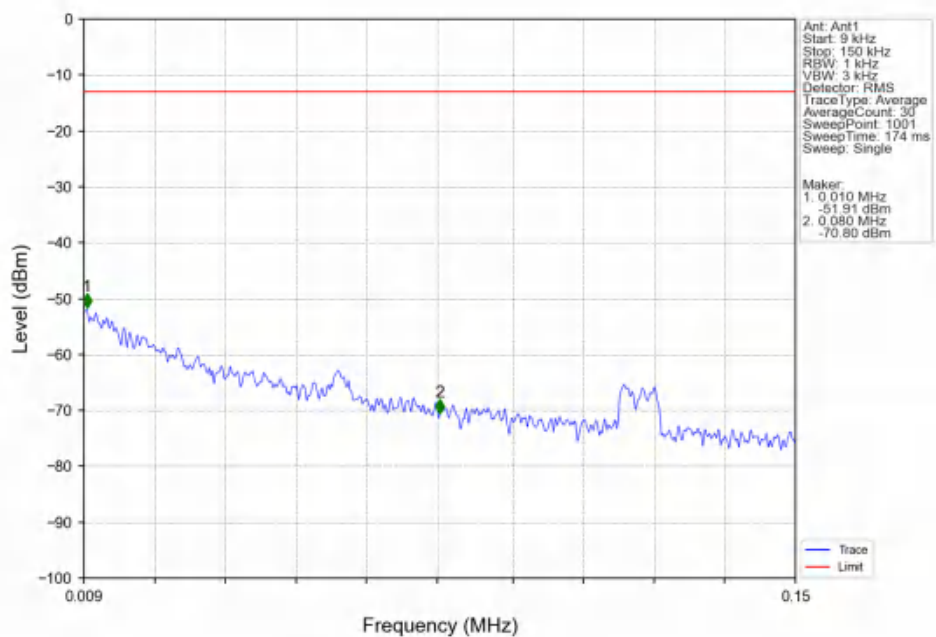
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



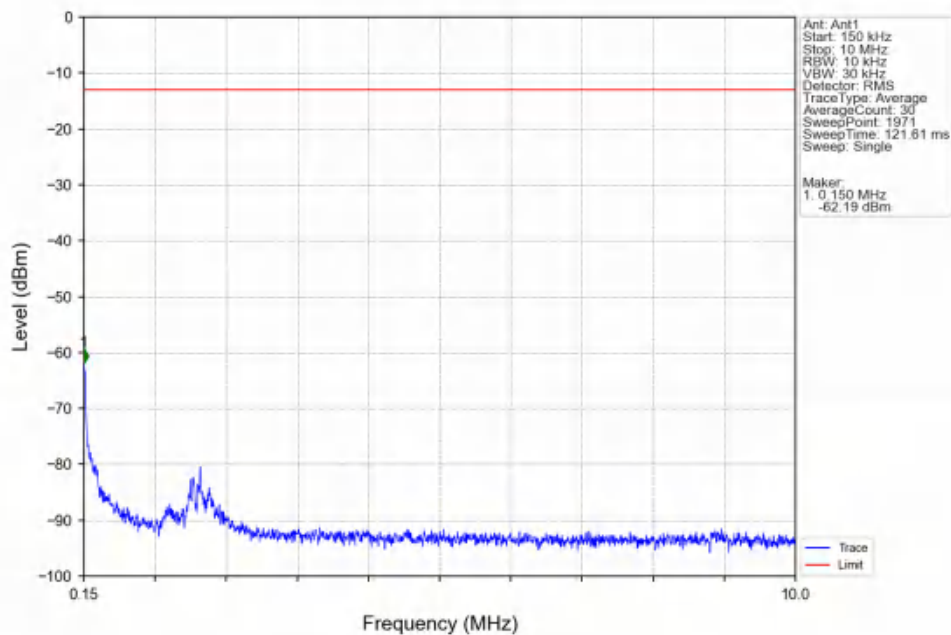
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



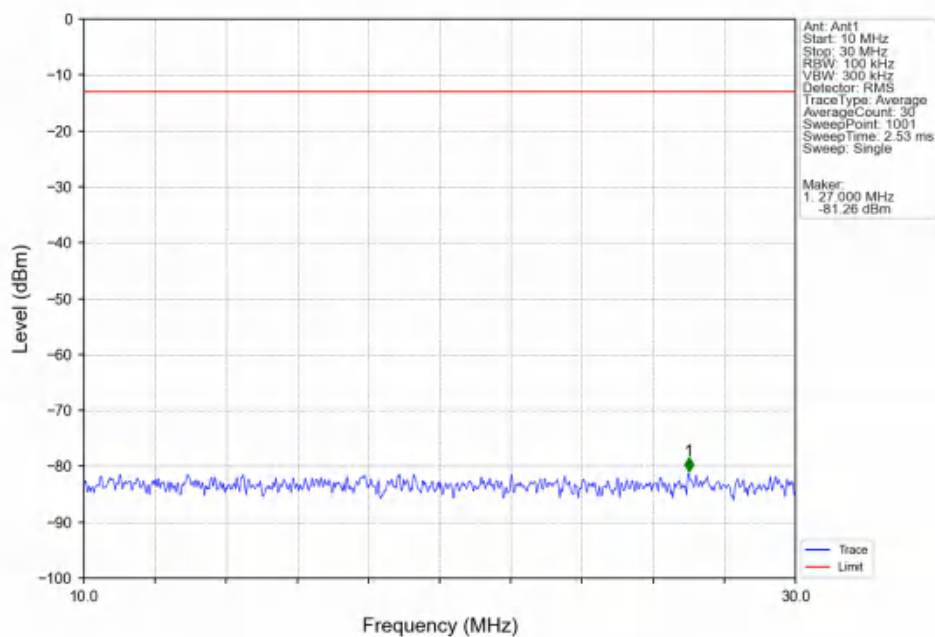
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



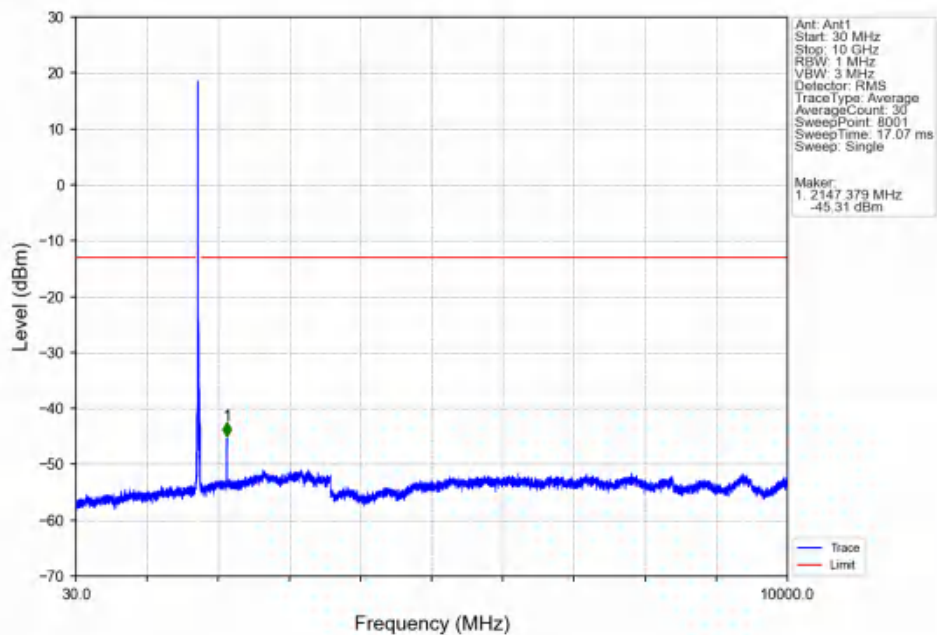
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



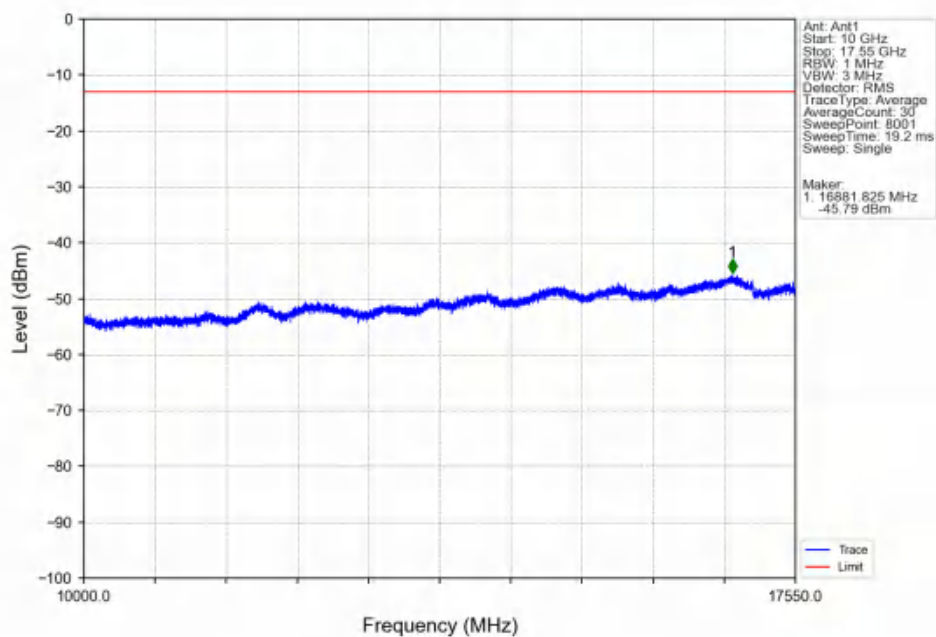
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



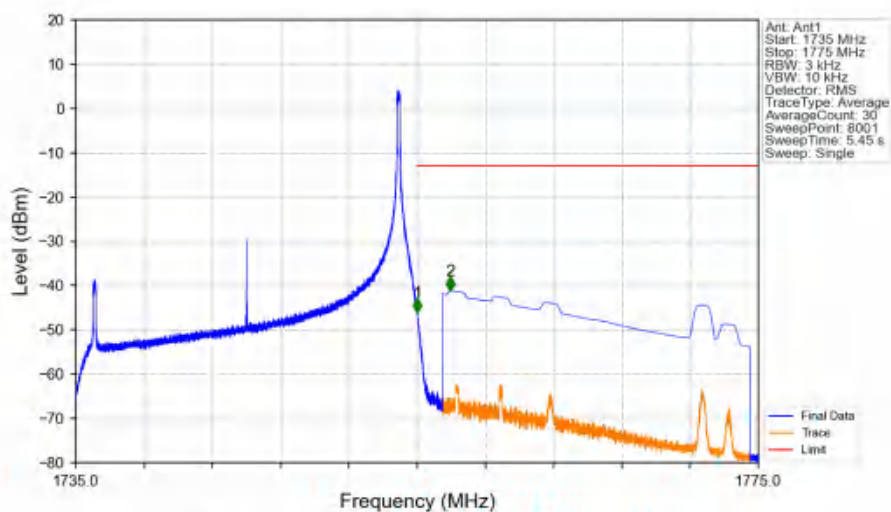
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV

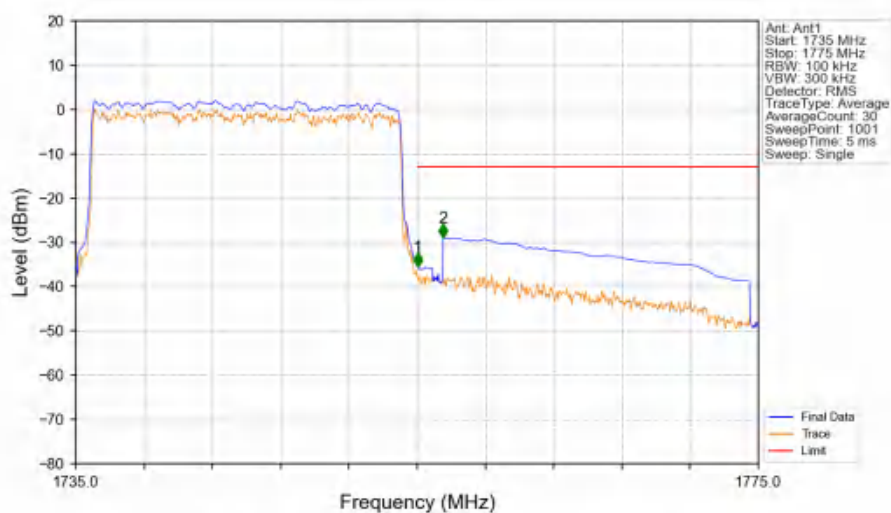


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-46.04	-13	Pass
1756	1775	1	CHP	2	1756.930	-41.17	-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	0.201	CHP	/	/	/	/	/
1755	1756	0.201	CHP	1	1755.040	-35.47	-13	Pass
1756	1775	1	CHP	2	1756.520	-28.99	-13	Pass