

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.86	-0.31	21.55	<=30	Pass
			2	21.93	-0.31	21.62	<=30	Pass
			5	21.83	-0.31	21.52	<=30	Pass
		3	0	21.76	-0.31	21.45	<=30	Pass
			2	21.79	-0.31	21.48	<=30	Pass
			3	21.73	-0.31	21.42	<=30	Pass
		6	0	20.96	-0.31	20.65	<=30	Pass
	1732.5	1	0	21.67	-0.31	21.36	<=30	Pass
			2	21.30	-0.31	20.99	<=30	Pass
			5	21.25	-0.31	20.94	<=30	Pass
		3	0	21.42	-0.31	21.11	<=30	Pass
			2	21.43	-0.31	21.12	<=30	Pass
			3	21.39	-0.31	21.08	<=30	Pass
		6	0	20.27	-0.31	19.96	<=30	Pass
	1754.3	1	0	21.57	-0.31	21.26	<=30	Pass
			2	21.70	-0.31	21.39	<=30	Pass
			5	21.58	-0.31	21.27	<=30	Pass
		3	0	21.39	-0.31	21.08	<=30	Pass
			2	21.43	-0.31	21.12	<=30	Pass
			3	21.39	-0.31	21.08	<=30	Pass
		6	0	20.60	-0.31	20.29	<=30	Pass
16QAM	1710.7	1	0	20.80	-0.31	20.49	<=30	Pass
			2	20.91	-0.31	20.60	<=30	Pass
			5	20.77	-0.31	20.46	<=30	Pass
		3	0	20.57	-0.31	20.26	<=30	Pass
			2	20.60	-0.31	20.29	<=30	Pass
			3	20.53	-0.31	20.22	<=30	Pass
		6	0	19.56	-0.31	19.25	<=30	Pass
	1732.5	1	0	20.28	-0.31	19.97	<=30	Pass
			2	20.36	-0.31	20.05	<=30	Pass
			5	20.28	-0.31	19.97	<=30	Pass
		3	0	20.58	-0.31	20.27	<=30	Pass
			2	20.65	-0.31	20.34	<=30	Pass
			3	20.63	-0.31	20.32	<=30	Pass
		6	0	19.37	-0.31	19.06	<=30	Pass
	1754.3	1	0	20.31	-0.31	20.00	<=30	Pass
			2	20.40	-0.31	20.09	<=30	Pass
			5	20.35	-0.31	20.04	<=30	Pass
		3	0	20.29	-0.31	19.98	<=30	Pass
			2	20.28	-0.31	19.97	<=30	Pass
			3	20.24	-0.31	19.93	<=30	Pass
		6	0	19.35	-0.31	19.04	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.12	-0.31	21.81	<=30	Pass
			7	21.64	-0.31	21.33	<=30	Pass
			14	21.47	-0.31	21.16	<=30	Pass
		8	0	20.49	-0.31	20.18	<=30	Pass
			4	20.48	-0.31	20.17	<=30	Pass
			7	20.43	-0.31	20.12	<=30	Pass
		15	0	20.36	-0.31	20.05	<=30	Pass
	1732.5	1	0	21.33	-0.31	21.02	<=30	Pass
			7	21.53	-0.31	21.22	<=30	Pass
			14	21.35	-0.31	21.04	<=30	Pass
		8	0	20.37	-0.31	20.06	<=30	Pass
			4	20.41	-0.31	20.10	<=30	Pass
			7	20.37	-0.31	20.06	<=30	Pass
		15	0	20.40	-0.31	20.09	<=30	Pass
	1753.5	1	0	21.66	-0.31	21.35	<=30	Pass
			7	21.71	-0.31	21.40	<=30	Pass
			14	21.66	-0.31	21.35	<=30	Pass
		8	0	20.61	-0.31	20.30	<=30	Pass
			4	20.66	-0.31	20.35	<=30	Pass
			7	20.60	-0.31	20.29	<=30	Pass
		15	0	20.48	-0.31	20.17	<=30	Pass
16QAM	1711.5	1	0	20.36	-0.31	20.05	<=30	Pass
			7	20.50	-0.31	20.19	<=30	Pass
			14	20.29	-0.31	19.98	<=30	Pass
		8	0	19.45	-0.31	19.14	<=30	Pass
			4	19.49	-0.31	19.18	<=30	Pass
			7	19.42	-0.31	19.11	<=30	Pass
		15	0	19.39	-0.31	19.08	<=30	Pass
	1732.5	1	0	20.55	-0.31	20.24	<=30	Pass
			7	20.69	-0.31	20.38	<=30	Pass
			14	20.56	-0.31	20.25	<=30	Pass
		8	0	19.42	-0.31	19.11	<=30	Pass
			4	19.45	-0.31	19.14	<=30	Pass
			7	19.42	-0.31	19.11	<=30	Pass
		15	0	19.39	-0.31	19.08	<=30	Pass
	1753.5	1	0	20.77	-0.31	20.46	<=30	Pass
			7	20.88	-0.31	20.57	<=30	Pass
			14	20.78	-0.31	20.47	<=30	Pass
		8	0	19.57	-0.31	19.26	<=30	Pass
			4	19.62	-0.31	19.31	<=30	Pass
			7	19.59	-0.31	19.28	<=30	Pass
		15	0	19.42	-0.31	19.11	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.56	-0.31	21.25	<=30	Pass
			13	21.27	-0.31	20.96	<=30	Pass
			24	21.13	-0.31	20.82	<=30	Pass
		12	0	20.21	-0.31	19.90	<=30	Pass
			6	20.27	-0.31	19.96	<=30	Pass
			13	20.18	-0.31	19.87	<=30	Pass

16QAM	1732.5	25	0	20.19	-0.31	19.88	<=30	Pass	
			0	21.10	-0.31	20.79	<=30	Pass	
		1	13	21.26	-0.31	20.95	<=30	Pass	
			24	21.11	-0.31	20.80	<=30	Pass	
			0	20.18	-0.31	19.87	<=30	Pass	
		12	6	20.24	-0.31	19.93	<=30	Pass	
			13	20.18	-0.31	19.87	<=30	Pass	
			25	0	20.21	-0.31	19.90	<=30	Pass
		1752.5	1	0	21.35	-0.31	21.04	<=30	Pass
				13	21.52	-0.31	21.21	<=30	Pass
	24			21.37	-0.31	21.06	<=30	Pass	
	12		0	20.27	-0.31	19.96	<=30	Pass	
			6	20.33	-0.31	20.02	<=30	Pass	
			13	20.25	-0.31	19.94	<=30	Pass	
	25	0	20.24	-0.31	19.93	<=30	Pass		
	1712.5	1712.5	1	0	20.20	-0.31	19.89	<=30	Pass
13				20.27	-0.31	19.96	<=30	Pass	
24				20.17	-0.31	19.86	<=30	Pass	
12			0	19.20	-0.31	18.89	<=30	Pass	
			6	19.24	-0.31	18.93	<=30	Pass	
			13	19.15	-0.31	18.84	<=30	Pass	
25			0	19.22	-0.31	18.91	<=30	Pass	
1732.5			1	0	20.38	-0.31	20.07	<=30	Pass
				13	20.53	-0.31	20.22	<=30	Pass
		24		20.37	-0.31	20.06	<=30	Pass	
		12	0	19.25	-0.31	18.94	<=30	Pass	
			6	19.37	-0.31	19.06	<=30	Pass	
			13	19.28	-0.31	18.97	<=30	Pass	
		25	0	19.29	-0.31	18.98	<=30	Pass	
1752.5		1	0	19.99	-0.31	19.68	<=30	Pass	
			13	20.13	-0.31	19.82	<=30	Pass	
			24	19.99	-0.31	19.68	<=30	Pass	
		12	0	19.17	-0.31	18.86	<=30	Pass	
			6	19.24	-0.31	18.93	<=30	Pass	
			13	19.16	-0.31	18.85	<=30	Pass	
	25	0	19.22	-0.31	18.91	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

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1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.39	-0.31	21.08	<=30	Pass
			25	21.50	-0.31	21.19	<=30	Pass
			49	21.21	-0.31	20.90	<=30	Pass
		25	0	20.30	-0.31	19.99	<=30	Pass
			13	20.26	-0.31	19.95	<=30	Pass
			25	20.23	-0.31	19.92	<=30	Pass
		50	0	20.30	-0.31	19.99	<=30	Pass
			0	21.11	-0.31	20.80	<=30	Pass
	1732.5	1	25	21.42	-0.31	21.11	<=30	Pass
			49	21.19	-0.31	20.88	<=30	Pass
			0	20.27	-0.31	19.96	<=30	Pass
		25	13	20.32	-0.31	20.01	<=30	Pass
			25	20.32	-0.31	20.01	<=30	Pass
			0	20.36	-0.31	20.05	<=30	Pass

16QAM	1750	1	0	21.31	-0.31	21.00	<=30	Pass
			25	21.69	-0.31	21.38	<=30	Pass
			49	21.48	-0.31	21.17	<=30	Pass
		25	0	20.31	-0.31	20.00	<=30	Pass
			13	20.36	-0.31	20.05	<=30	Pass
			25	20.28	-0.31	19.97	<=30	Pass
	1715	50	0	20.24	-0.31	19.93	<=30	Pass
			0	20.18	-0.31	19.87	<=30	Pass
			25	20.42	-0.31	20.11	<=30	Pass
		1	49	20.21	-0.31	19.90	<=30	Pass
			0	19.42	-0.31	19.11	<=30	Pass
			13	19.45	-0.31	19.14	<=30	Pass
		25	25	19.41	-0.31	19.10	<=30	Pass
			0	19.36	-0.31	19.05	<=30	Pass
			0	20.35	-0.31	20.04	<=30	Pass
		50	25	20.58	-0.31	20.27	<=30	Pass
			49	20.35	-0.31	20.04	<=30	Pass
			0	19.36	-0.31	19.05	<=30	Pass
	1732.5	25	13	19.42	-0.31	19.11	<=30	Pass
			25	19.39	-0.31	19.08	<=30	Pass
			0	19.35	-0.31	19.04	<=30	Pass
		1	0	20.57	-0.31	20.26	<=30	Pass
			25	20.82	-0.31	20.51	<=30	Pass
			49	20.62	-0.31	20.31	<=30	Pass
		25	0	19.27	-0.31	18.96	<=30	Pass
			13	19.31	-0.31	19.00	<=30	Pass
			25	19.23	-0.31	18.92	<=30	Pass
		50	0	19.23	-0.31	18.92	<=30	Pass
			0	20.57	-0.31	20.26	<=30	Pass
			25	20.82	-0.31	20.51	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1717.5	1	0	21.20	-0.31	20.89	<=30	Pass	
			38	21.26	-0.31	20.95	<=30	Pass	
			74	21.00	-0.31	20.69	<=30	Pass	
		36	0	20.36	-0.31	20.05	<=30	Pass	
			18	20.32	-0.31	20.01	<=30	Pass	
			39	20.14	-0.31	19.83	<=30	Pass	
		75	0	20.25	-0.31	19.94	<=30	Pass	
			1	0	20.98	-0.31	20.67	<=30	Pass
				38	21.21	-0.31	20.90	<=30	Pass
	74	21.10		-0.31	20.79	<=30	Pass		
	1732.5	36	0	20.20	-0.31	19.89	<=30	Pass	
			18	20.27	-0.31	19.96	<=30	Pass	
			39	20.29	-0.31	19.98	<=30	Pass	
		75	0	20.22	-0.31	19.91	<=30	Pass	
			1	0	21.10	-0.31	20.79	<=30	Pass
				38	21.46	-0.31	21.15	<=30	Pass
	74	21.31		-0.31	21.00	<=30	Pass		
	1747.5	36	0	20.31	-0.31	20.00	<=30	Pass	
			18	20.42	-0.31	20.11	<=30	Pass	
			39	20.38	-0.31	20.07	<=30	Pass	
		75	0	20.35	-0.31	20.04	<=30	Pass	
			16QAM	1717.5	1	0	20.26	-0.31	19.95

	1732.5	36	38	20.61	-0.31	20.30	<=30	Pass
			74	20.42	-0.31	20.11	<=30	Pass
			0	19.29	-0.31	18.98	<=30	Pass
		75	18	19.28	-0.31	18.97	<=30	Pass
			39	19.17	-0.31	18.86	<=30	Pass
			0	19.22	-0.31	18.91	<=30	Pass
		1	0	20.20	-0.31	19.89	<=30	Pass
			38	20.44	-0.31	20.13	<=30	Pass
			74	20.20	-0.31	19.89	<=30	Pass
		36	0	19.22	-0.31	18.91	<=30	Pass
			18	19.29	-0.31	18.98	<=30	Pass
			39	19.27	-0.31	18.96	<=30	Pass
	1747.5	75	0	19.28	-0.31	18.97	<=30	Pass
			0	20.45	-0.31	20.14	<=30	Pass
			38	20.59	-0.31	20.28	<=30	Pass
		1	74	20.42	-0.31	20.11	<=30	Pass
			0	19.19	-0.31	18.88	<=30	Pass
			18	19.28	-0.31	18.97	<=30	Pass
		36	39	19.26	-0.31	18.95	<=30	Pass
			0	19.26	-0.31	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	20.86	-0.31	20.55	<=30	Pass	
			50	21.27	-0.31	20.96	<=30	Pass	
			99	20.77	-0.31	20.46	<=30	Pass	
		50	0	20.22	-0.31	19.91	<=30	Pass	
			25	20.14	-0.31	19.83	<=30	Pass	
			50	20.08	-0.31	19.77	<=30	Pass	
		100	0	20.18	-0.31	19.87	<=30	Pass	
		1732.5	1	0	20.82	-0.31	20.51	<=30	Pass
				50	21.34	-0.31	21.03	<=30	Pass
	99			20.96	-0.31	20.65	<=30	Pass	
	50		0	20.18	-0.31	19.87	<=30	Pass	
			25	20.21	-0.31	19.90	<=30	Pass	
			50	20.24	-0.31	19.93	<=30	Pass	
	100	0	20.21	-0.31	19.90	<=30	Pass		
	1745	1	0	20.84	-0.31	20.53	<=30	Pass	
			50	21.44	-0.31	21.13	<=30	Pass	
			99	21.12	-0.31	20.81	<=30	Pass	
		50	0	20.08	-0.31	19.77	<=30	Pass	
			25	20.13	-0.31	19.82	<=30	Pass	
			50	20.09	-0.31	19.78	<=30	Pass	
		100	0	20.08	-0.31	19.77	<=30	Pass	
16QAM	1720	1	0	20.23	-0.31	19.92	<=30	Pass	
			50	20.80	-0.31	20.49	<=30	Pass	
			99	20.38	-0.31	20.07	<=30	Pass	
		50	0	19.26	-0.31	18.95	<=30	Pass	
			25	19.25	-0.31	18.94	<=30	Pass	
			50	19.14	-0.31	18.83	<=30	Pass	
		100	0	19.24	-0.31	18.93	<=30	Pass	
	1732.5	1	0	20.04	-0.31	19.73	<=30	Pass	
			50	20.52	-0.31	20.21	<=30	Pass	

TCT		50	99	19.96	-0.31	19.65	<=30	Pass
			0	19.21	-0.31	18.90	<=30	Pass
			25	19.25	-0.31	18.94	<=30	Pass
			50	19.28	-0.31	18.97	<=30	Pass
	1745	100	0	19.26	-0.31	18.95	<=30	Pass
			0	20.13	-0.31	19.82	<=30	Pass
			50	20.52	-0.31	20.21	<=30	Pass
		1	99	20.14	-0.31	19.83	<=30	Pass
			0	19.12	-0.31	18.81	<=30	Pass
			25	19.12	-0.31	18.81	<=30	Pass
		50	50	19.03	-0.31	18.72	<=30	Pass
			0	19.11	-0.31	18.80	<=30	Pass
		100						

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	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	-21.772	-0.0127	-2.5 to 2.5	Pass
					4.43	9.499	0.0056	-2.5 to 2.5	Pass
				-30	3.85	-15.564	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-6.595	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-16.050	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-12.760	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-12.574	-0.0074	-2.5 to 2.5	Pass
				50	3.85	-10.901	-0.0064	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-11.659	-0.0067	-2.5 to 2.5	Pass
					3.85	-10.958	-0.0063	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-8.211	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.061	-0.0017	-2.5 to 2.5	Pass
					3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	10.357	0.0059	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-10.357	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-9.999	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	-8.826	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	4.191	0.0024	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.108	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-7.324	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-9.699	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-13.919	-0.0081	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-1.516	-0.0009	-2.5 to 2.5	Pass
					3.85	2.346	0.0014	-2.5 to 2.5	Pass
					4.43	-7.181	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-9.484	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-11.845	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				40	3.85	16.952	0.0098	-2.5 to 2.5	Pass
				50	3.85	-8.669	-0.0050	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-7.811	-0.0045	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
					4.43	3.448	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-14.563	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-10.028	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-10.915	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-11.587	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-7.010	-0.0040	-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	-1.216	-0.0007	-2.5 to 2.5	Pass
					3.85	-8.354	-0.0049	-2.5 to 2.5	Pass
					4.43	-8.326	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.812	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-9.885	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-12.789	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-5.050	-0.0030	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0015	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0038	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.472	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
					4.43	-7.081	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	5.350	0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass

16QAM	1753.5	15	0	10	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				30	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-13.504	-0.0078	-2.5 to 2.5	Pass
				20	3.27	0.257	0.0001	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-7.410	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	3.476	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.089	0.0012	-2.5 to 2.5	Pass
				10	3.85	-14.362	-0.0082	-2.5 to 2.5	Pass
				30	3.85	2.761	0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-10.343	-0.0059	-2.5 to 2.5	Pass
	1711.5	15	0	20	3.27	-1.760	-0.0010	-2.5 to 2.5	Pass
					3.85	-5.879	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.559	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-9.155	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-9.255	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				30	3.85	3.119	0.0018	-2.5 to 2.5	Pass
				40	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0017	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-9.799	-0.0057	-2.5 to 2.5	Pass
					3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
					4.43	-1.974	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-9.685	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-14.133	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-10.958	-0.0063	-2.5 to 2.5	Pass
				40	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				50	3.85	-11.187	-0.0065	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	-13.847	-0.0079	-2.5 to 2.5	Pass
					4.43	-6.909	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-8.969	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-17.838	-0.0102	-2.5 to 2.5	Pass
				0	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-8.483	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-12.059	-0.0070	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0043	-2.5 to 2.5	Pass
					4.43	-14.820	-0.0087	-2.5 to 2.5	Pass

				-30	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.123	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-5.951	-0.0034	-2.5 to 2.5	Pass
					3.85	-10.815	-0.0062	-2.5 to 2.5	Pass
					4.43	-11.115	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-10.042	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				0	3.85	5.150	0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				40	3.85	4.463	0.0026	-2.5 to 2.5	Pass
				50	3.85	-10.099	-0.0058	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-6.466	-0.0037	-2.5 to 2.5	Pass
					3.85	-11.172	-0.0064	-2.5 to 2.5	Pass
					4.43	-7.696	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-13.876	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-11.973	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
					4.43	2.289	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-15.478	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-8.440	-0.0049	-2.5 to 2.5	Pass
					3.85	-9.770	-0.0057	-2.5 to 2.5	Pass
					4.43	-9.770	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.496	-0.0044	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-11.973	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
					4.43	2.289	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-6.666	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-15.478	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-9.756	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass

				10	3.85	-11.230	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-13.003	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-17.495	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-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	-8.626	-0.0050	-2.5 to 2.5	Pass
					3.85	-8.154	-0.0048	-2.5 to 2.5	Pass
					4.43	-3.147	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-9.542	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-9.513	-0.0055	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.618	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-8.526	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				50	3.85	4.520	0.0026	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.194	-0.0035	-2.5 to 2.5	Pass
					3.85	-11.044	-0.0063	-2.5 to 2.5	Pass
					4.43	-5.879	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				0	3.85	-9.942	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-10.400	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-9.842	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-5.150	-0.0030	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
					4.43	-5.250	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0043	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.063	-0.0023	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0049	-2.5 to 2.5	Pass
					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass

				-30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-7.696	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-9.913	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-9.770	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.552	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
					4.43	-12.803	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-8.855	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-10.786	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-10.443	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-11.530	-0.0067	-2.5 to 2.5	Pass
					3.85	-7.482	-0.0044	-2.5 to 2.5	Pass
					4.43	-6.652	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-8.640	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	6.995	0.0040	-2.5 to 2.5	Pass
					3.85	-7.524	-0.0043	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-10.700	-0.0062	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-2.518	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass

				50	3.85	1.016	0.0006	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	1.259	0.0007	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.091	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-10.157	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	-6.738	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				1732.5	75	0	20	3.27	-5.364
	3.85	-7.868	-0.0045					-2.5 to 2.5	Pass
	4.43	-0.029	0.0000					-2.5 to 2.5	Pass
	-30	3.85	-3.061				-0.0018	-2.5 to 2.5	Pass
	-20	3.85	0.658				0.0004	-2.5 to 2.5	Pass
	-10	3.85	-5.894				-0.0034	-2.5 to 2.5	Pass
	0	3.85	-5.035				-0.0029	-2.5 to 2.5	Pass
	10	3.85	-8.140				-0.0047	-2.5 to 2.5	Pass
	30	3.85	-1.359				-0.0008	-2.5 to 2.5	Pass
	40	3.85	-12.331				-0.0071	-2.5 to 2.5	Pass
	50	3.85	-5.493				-0.0032	-2.5 to 2.5	Pass
	1747.5	75	0				20	3.27	-0.901
				3.85	-2.246	-0.0013		-2.5 to 2.5	Pass
				4.43	-8.798	-0.0050		-2.5 to 2.5	Pass
				-30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-11.501	-0.0066	-2.5 to 2.5	Pass
30				3.85	3.662	0.0021	-2.5 to 2.5	Pass	
40				3.85	-9.198	-0.0053	-2.5 to 2.5	Pass	
50				3.85	-0.944	-0.0005	-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	-6.909	-0.0040	-2.5 to 2.5	Pass
					3.85	-8.969	-0.0052	-2.5 to 2.5	Pass
					4.43	-9.770	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-8.841	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-7.939	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-7.224	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-13.847	-0.0080	-2.5 to 2.5	Pass
					3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-12.531	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-5.822	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass

				0	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-11.058	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-12.217	-0.0071	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-4.606	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-12.360	-0.0071	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				40	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.604	0.0015	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-3.533	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-5.765	-0.0033	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.448	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

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

3.1.2 B4_3MHz

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

3.1.3 B4_5MHz

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

3.1.4 B4_10MHz

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

3.1.5 B4_15MHz

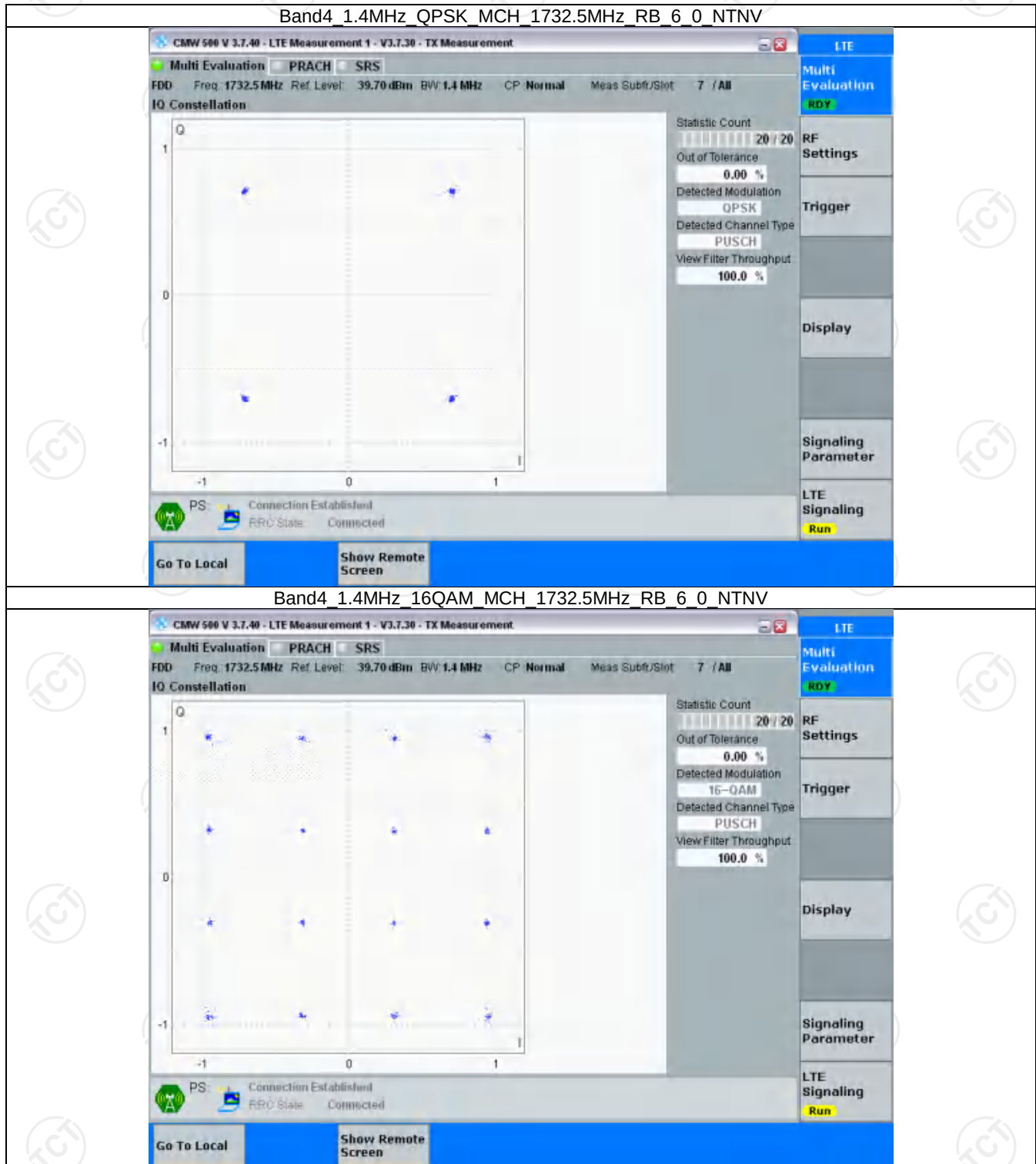
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

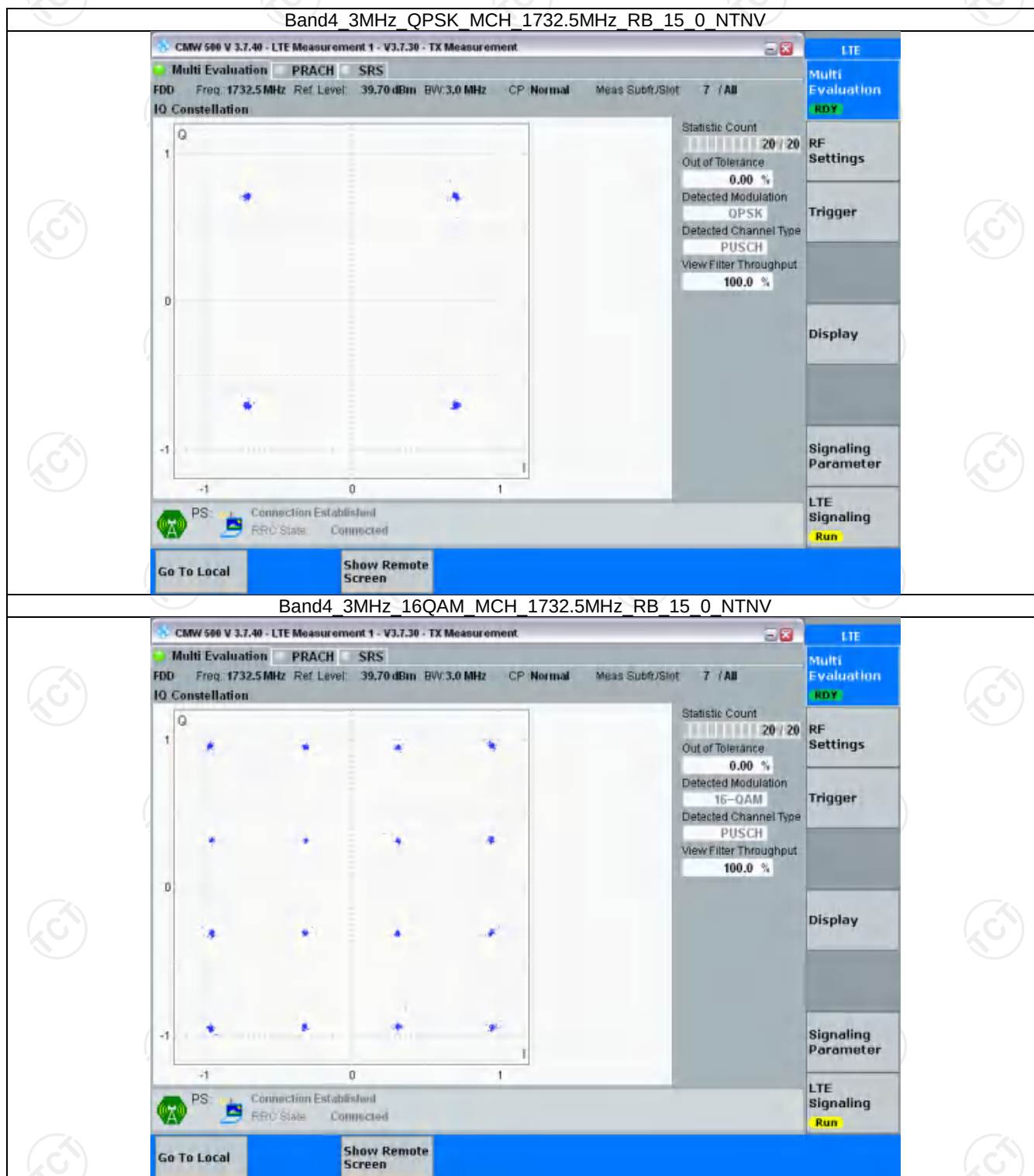
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

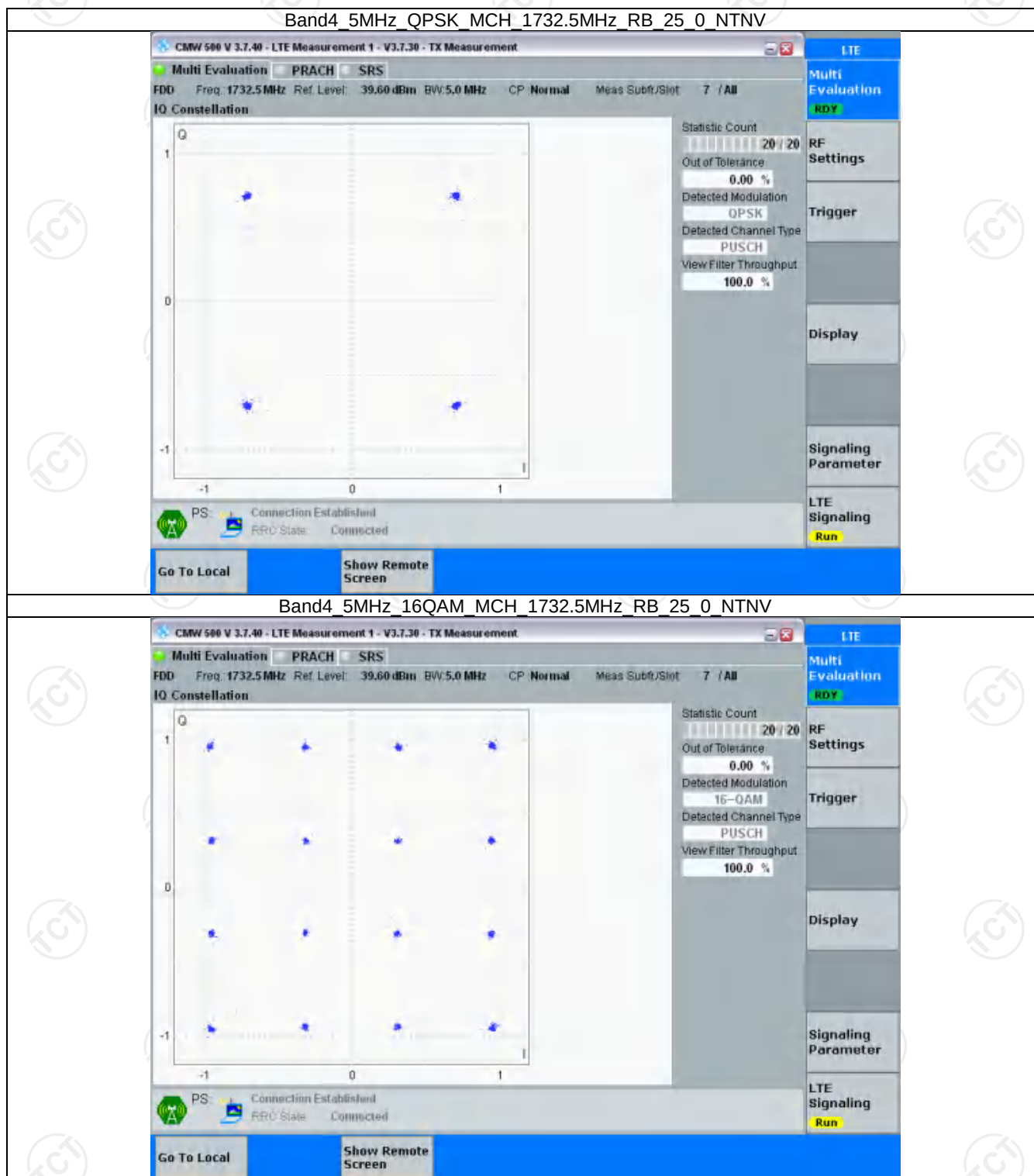
3.2.1 B4_1.4MHz



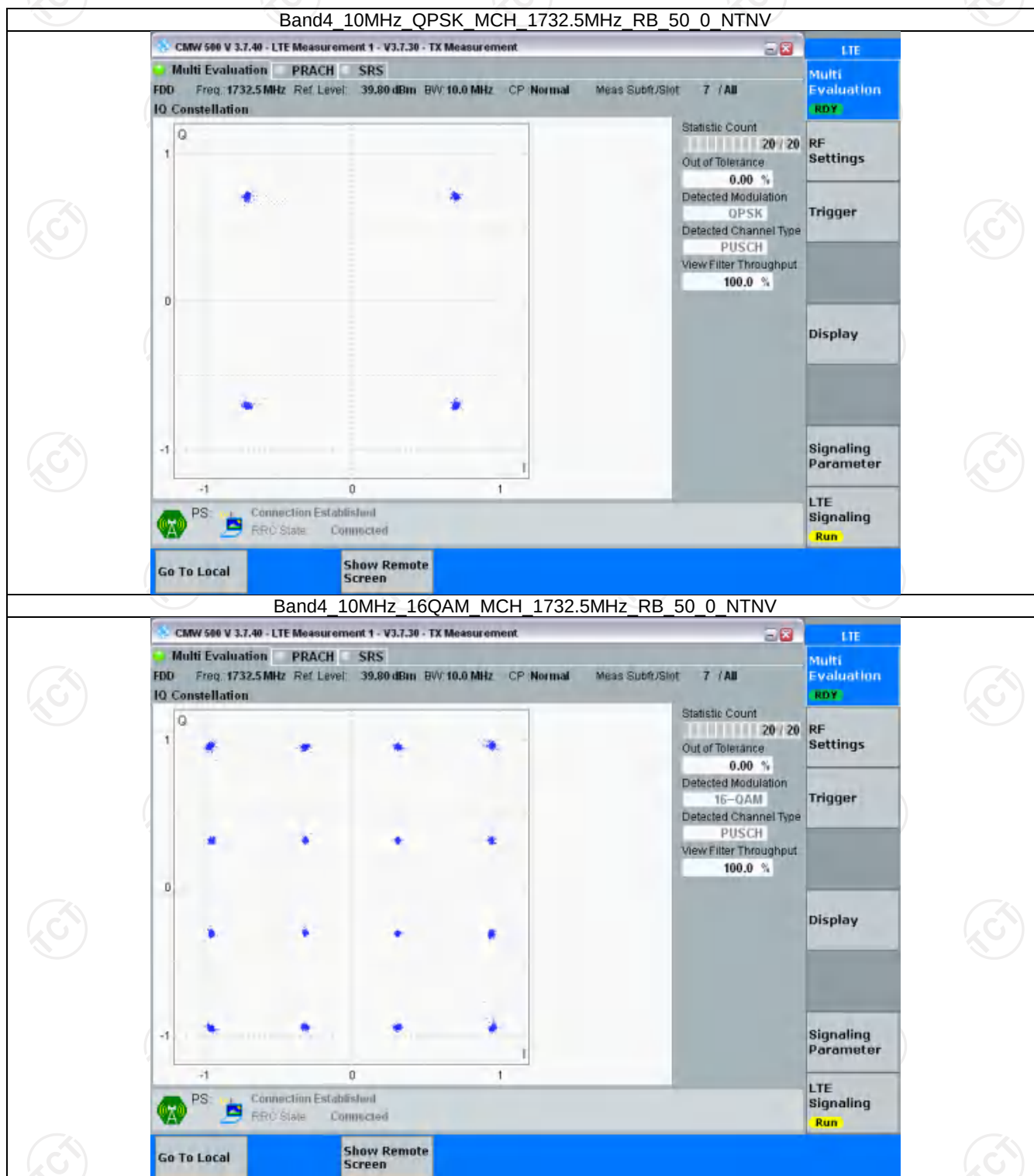
3.2.2 B4_3MHz



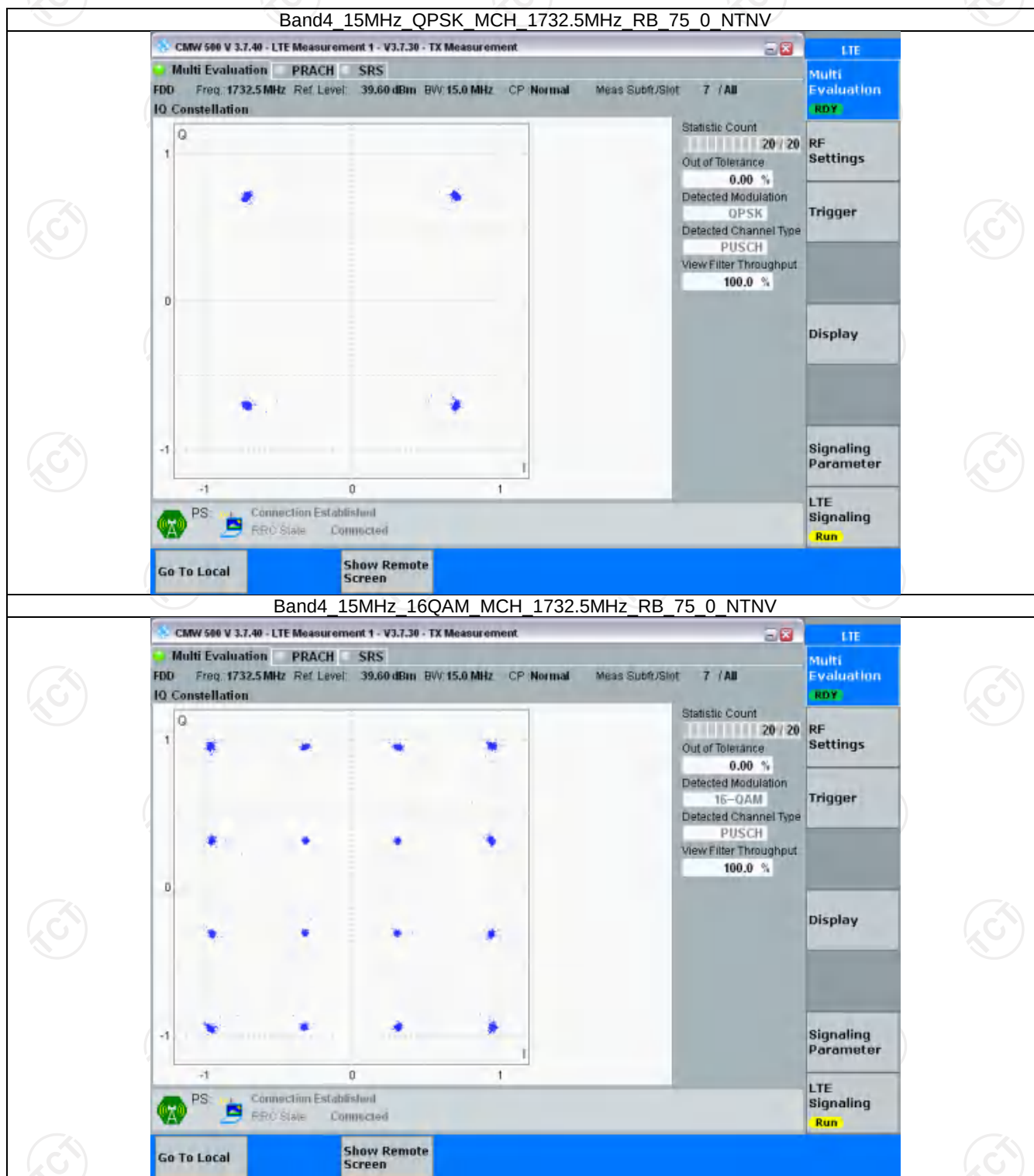
3.2.3 B4_5MHz



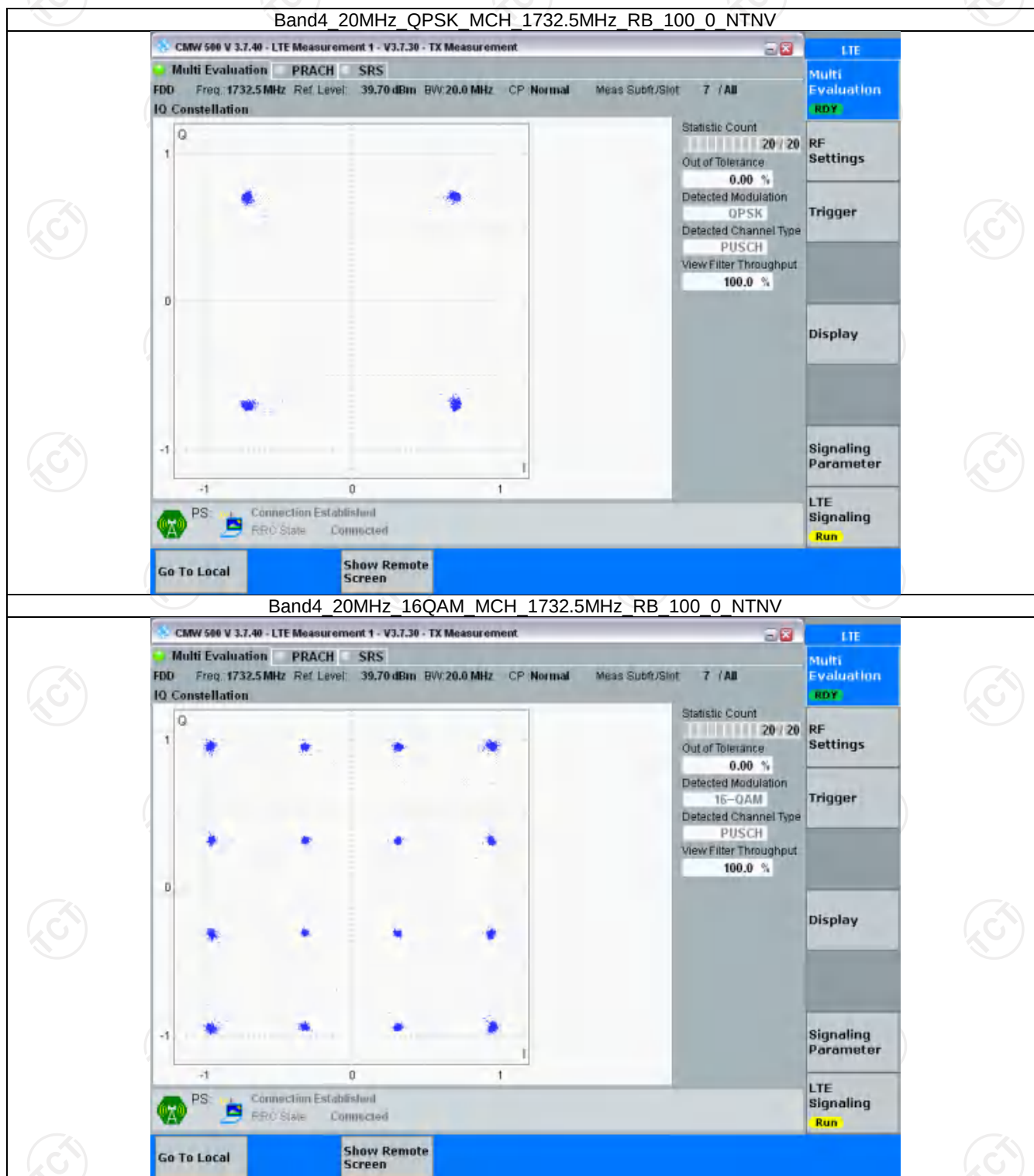
3.2.4 B4_10MHz



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	1.148	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.169	/	Pass
	16QAM	1710.7	6	0	1.129	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.130	/	Pass
3	QPSK	1711.5	15	0	2.760	/	Pass
		1732.5	15	0	2.723	/	Pass
		1753.5	15	0	2.767	/	Pass
	16QAM	1711.5	15	0	2.737	/	Pass
		1732.5	15	0	2.721	/	Pass
		1753.5	15	0	2.741	/	Pass
5	QPSK	1712.5	25	0	4.562	/	Pass
		1732.5	25	0	4.537	/	Pass
		1752.5	25	0	4.589	/	Pass
	16QAM	1712.5	25	0	4.558	/	Pass
		1732.5	25	0	4.544	/	Pass
		1752.5	25	0	4.569	/	Pass
10	QPSK	1715	50	0	9.087	/	Pass
		1732.5	50	0	9.033	/	Pass
		1750	50	0	9.124	/	Pass
	16QAM	1715	50	0	9.063	/	Pass
		1732.5	50	0	9.063	/	Pass
		1750	50	0	9.123	/	Pass
15	QPSK	1717.5	75	0	13.591	/	Pass
		1732.5	75	0	13.569	/	Pass
		1747.5	75	0	13.643	/	Pass
	16QAM	1717.5	75	0	13.603	/	Pass
		1732.5	75	0	13.578	/	Pass
		1747.5	75	0	13.627	/	Pass
20	QPSK	1720	100	0	18.164	/	Pass
		1732.5	100	0	18.119	/	Pass
		1745	100	0	18.189	/	Pass
	16QAM	1720	100	0	18.165	/	Pass
		1732.5	100	0	18.126	/	Pass
		1745	100	0	18.205	/	Pass

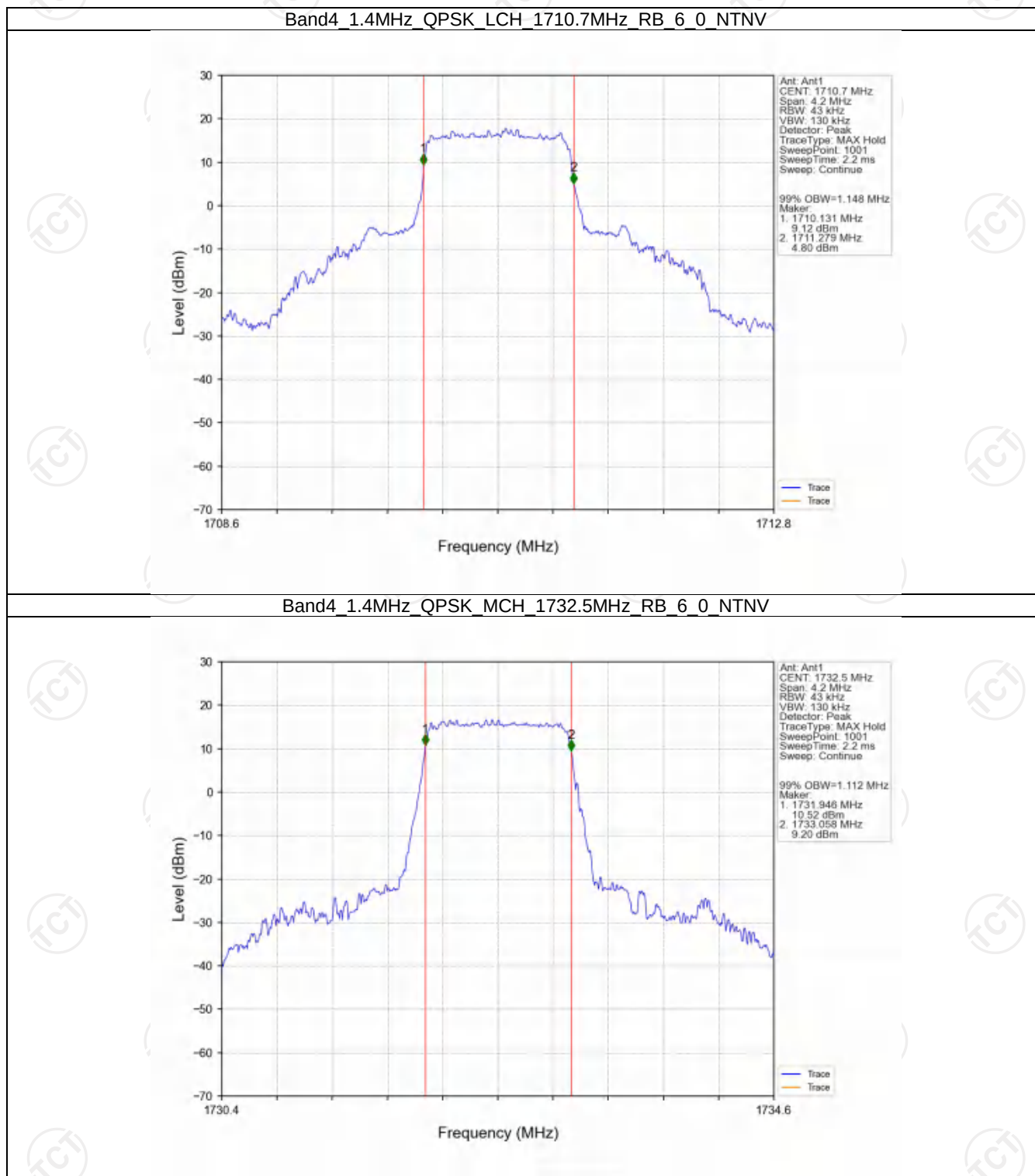
4.1.2 Band4_XDB

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	2.049	/	Pass
		1732.5	6	0	1.322	/	Pass
		1754.3	6	0	2.150	/	Pass

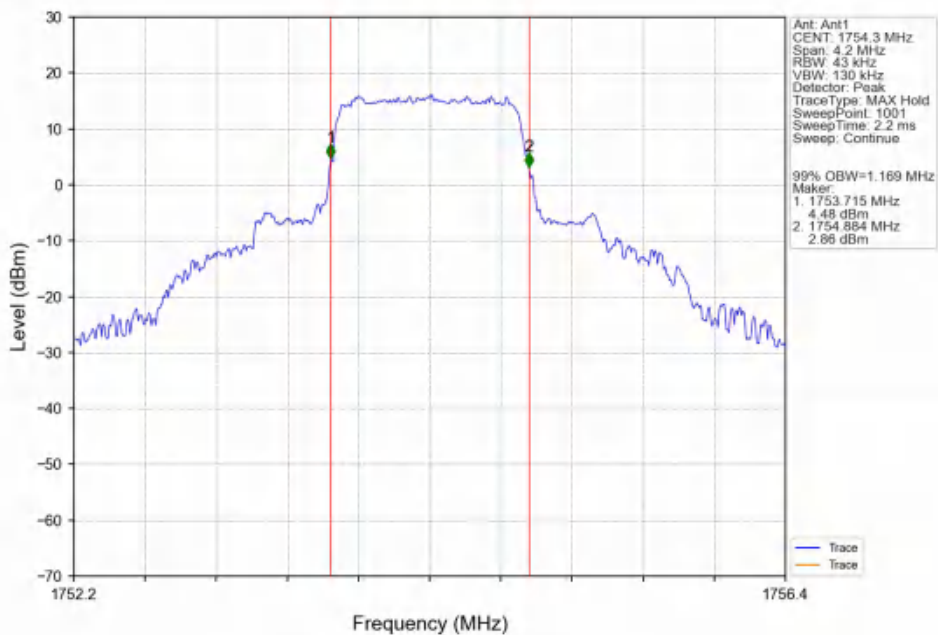
	16QAM	1710.7	6	0	1.827	/	Pass
		1732.5	6	0	1.308	/	Pass
		1754.3	6	0	1.826	/	Pass
3	QPSK	1711.5	15	0	3.839	/	Pass
		1732.5	15	0	2.998	/	Pass
		1753.5	15	0	4.200	/	Pass
	16QAM	1711.5	15	0	3.639	/	Pass
		1732.5	15	0	2.973	/	Pass
		1753.5	15	0	3.607	/	Pass
5	QPSK	1712.5	25	0	5.866	/	Pass
		1732.5	25	0	5.033	/	Pass
		1752.5	25	0	7.045	/	Pass
	16QAM	1712.5	25	0	6.665	/	Pass
		1732.5	25	0	5.042	/	Pass
		1752.5	25	0	6.249	/	Pass
10	QPSK	1715	50	0	10.008	/	Pass
		1732.5	50	0	9.953	/	Pass
		1750	50	0	10.584	/	Pass
	16QAM	1715	50	0	9.944	/	Pass
		1732.5	50	0	9.895	/	Pass
		1750	50	0	10.809	/	Pass
15	QPSK	1717.5	75	0	14.963	/	Pass
		1732.5	75	0	14.832	/	Pass
		1747.5	75	0	15.637	/	Pass
	16QAM	1717.5	75	0	14.961	/	Pass
		1732.5	75	0	14.947	/	Pass
		1747.5	75	0	15.553	/	Pass
20	QPSK	1720	100	0	19.725	/	Pass
		1732.5	100	0	19.825	/	Pass
		1745	100	0	19.847	/	Pass
	16QAM	1720	100	0	19.735	/	Pass
		1732.5	100	0	19.646	/	Pass
		1745	100	0	19.857	/	Pass

4.2 Test Graph

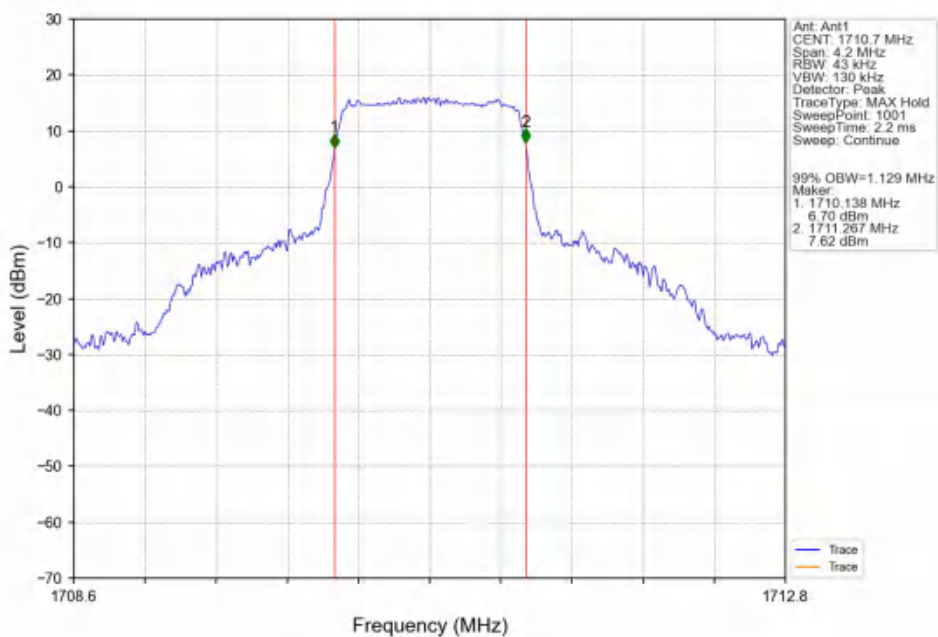
4.2.1 Band4_OBW



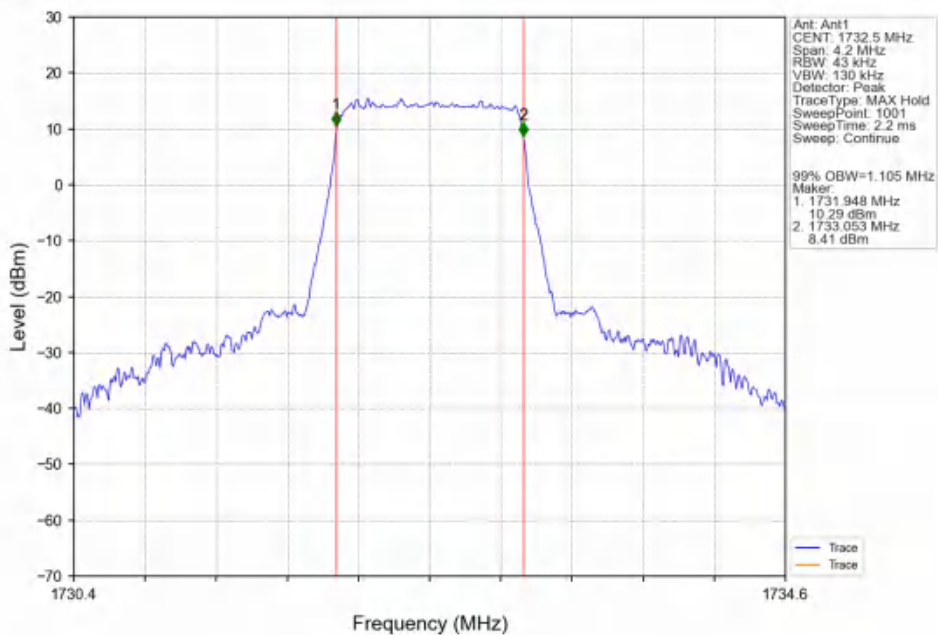
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



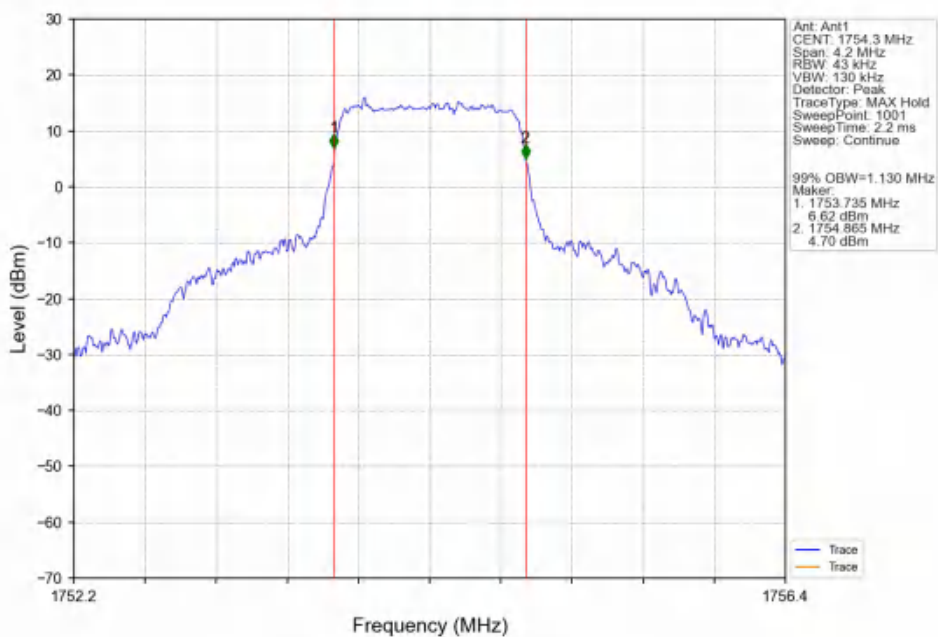
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



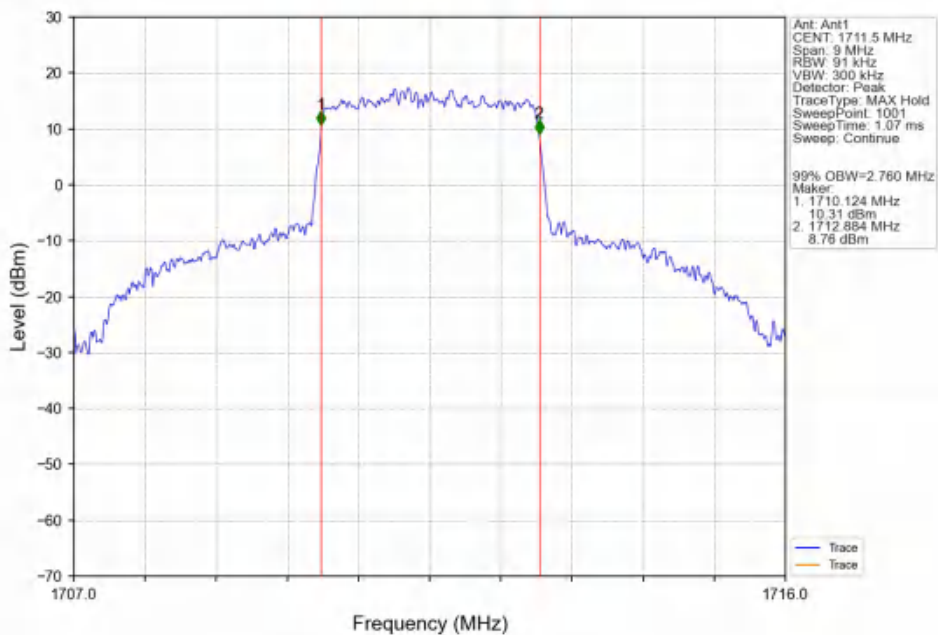
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTN



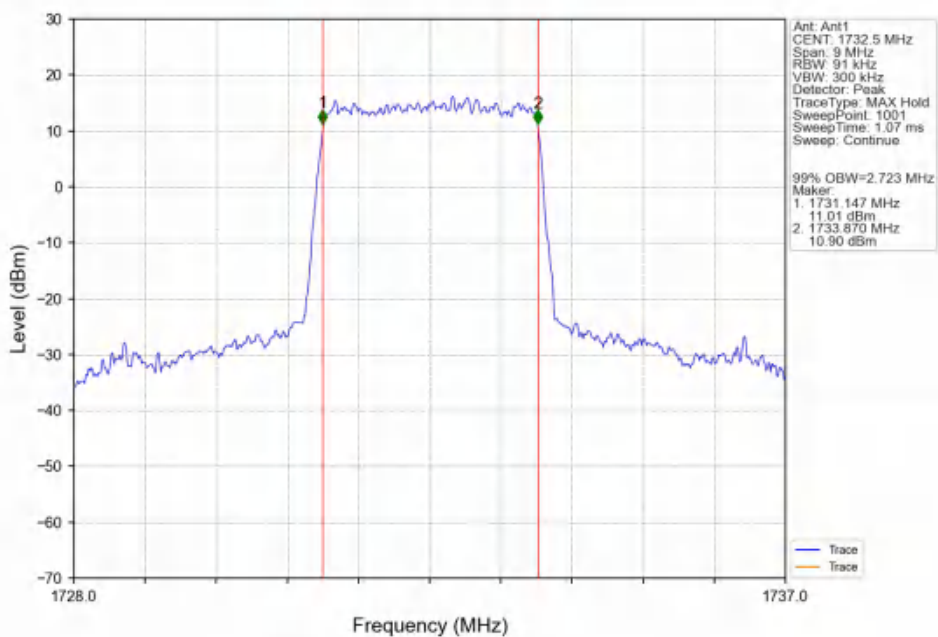
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN



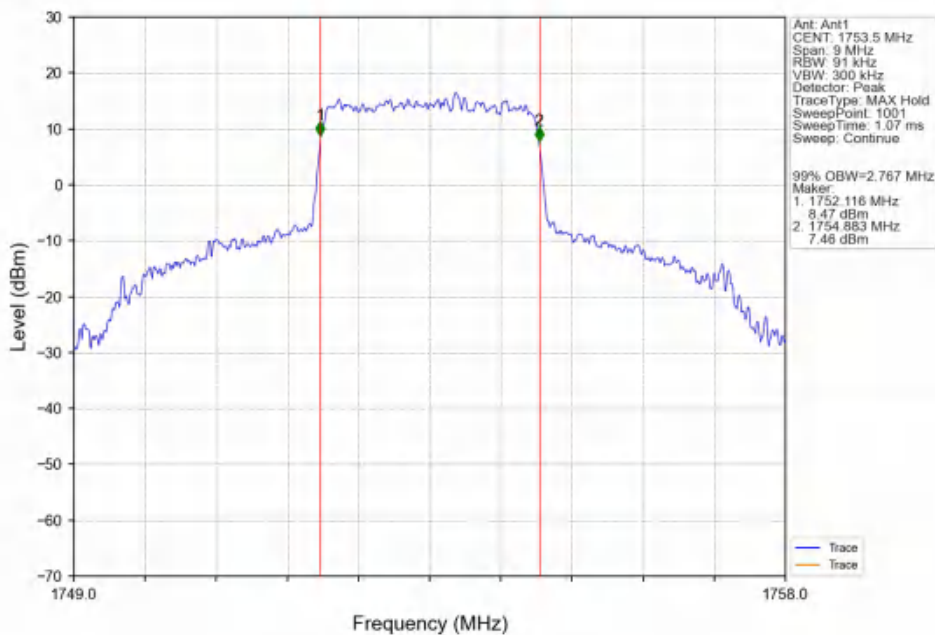
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



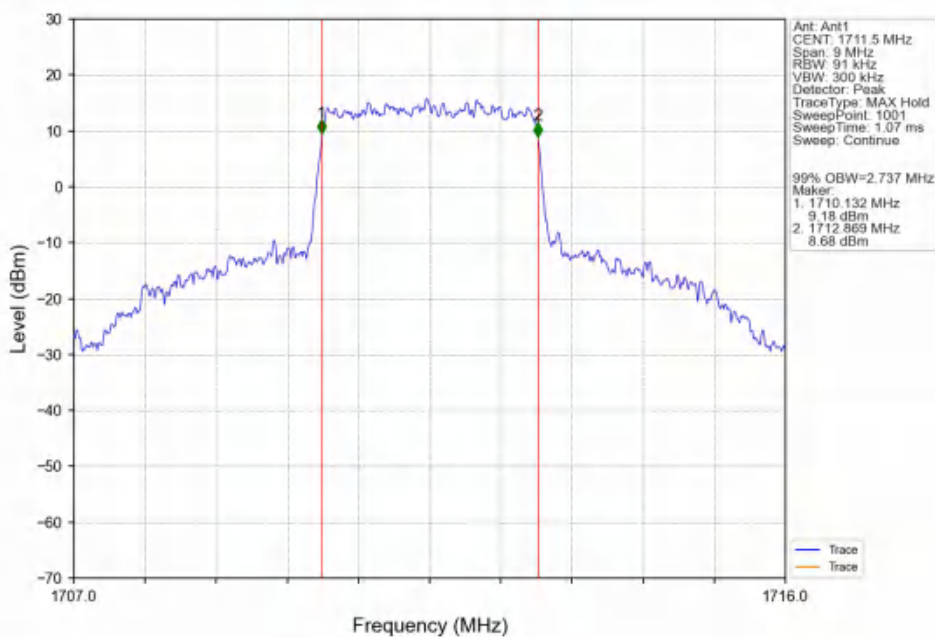
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



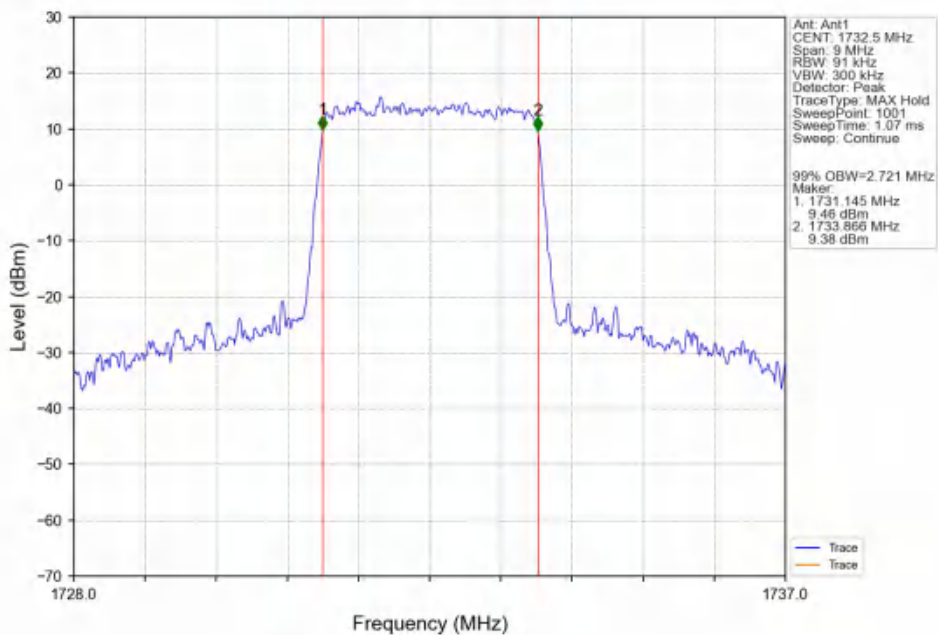
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



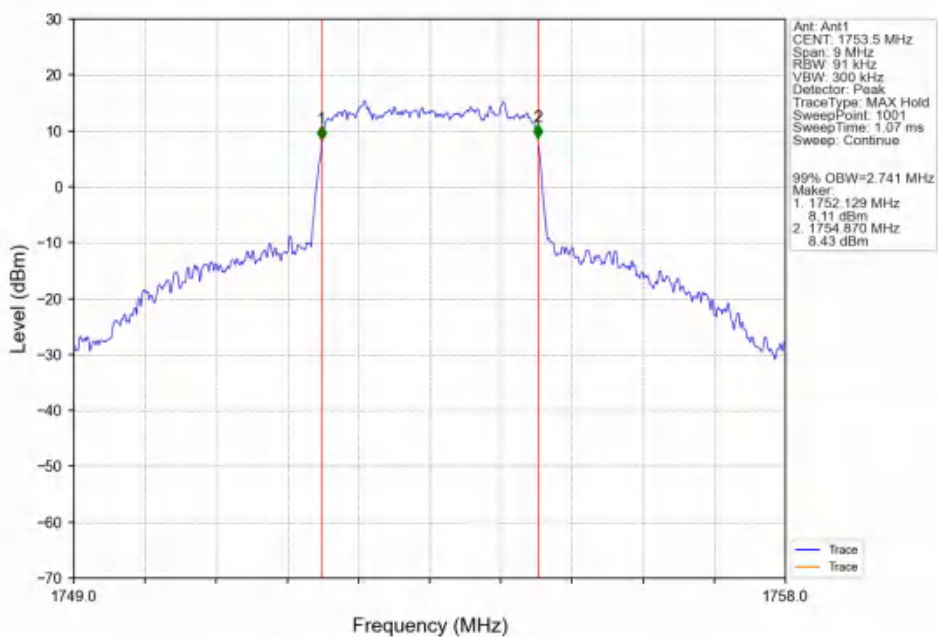
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



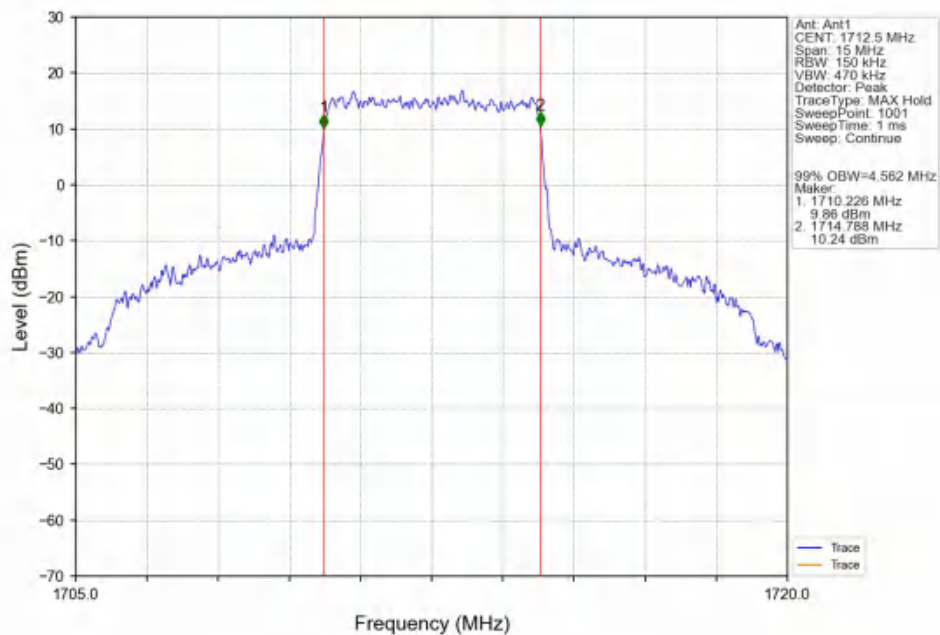
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



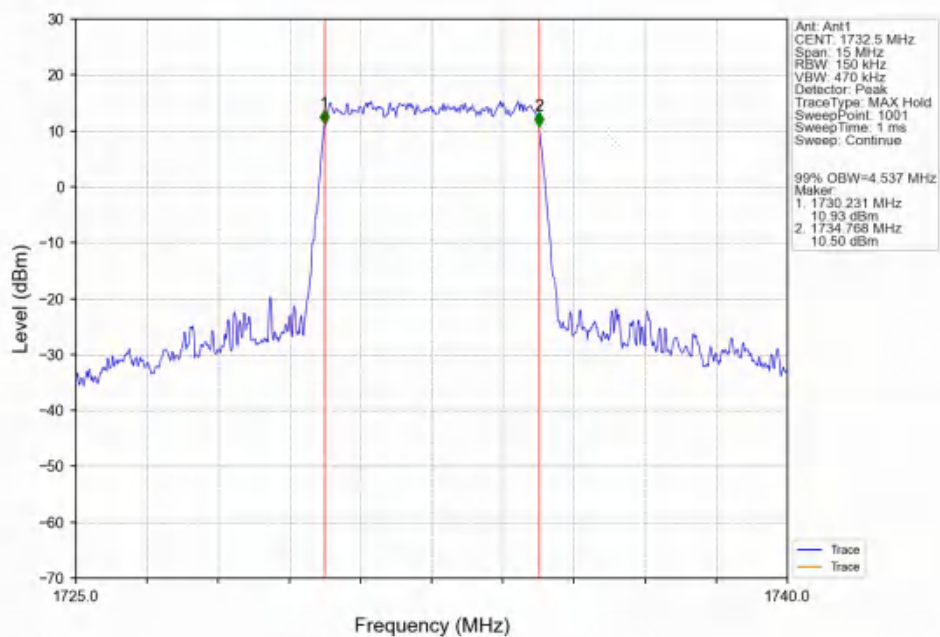
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV



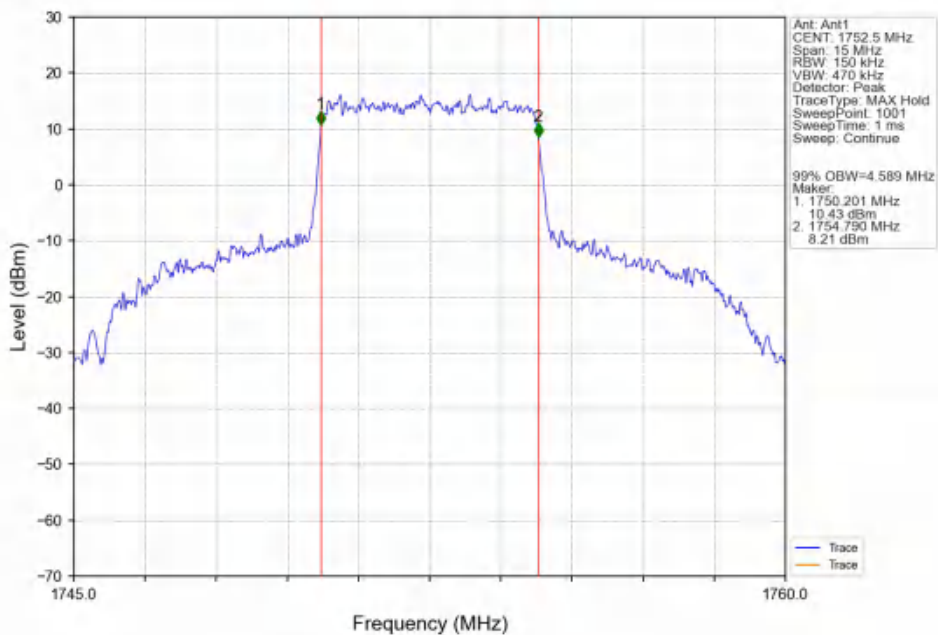
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



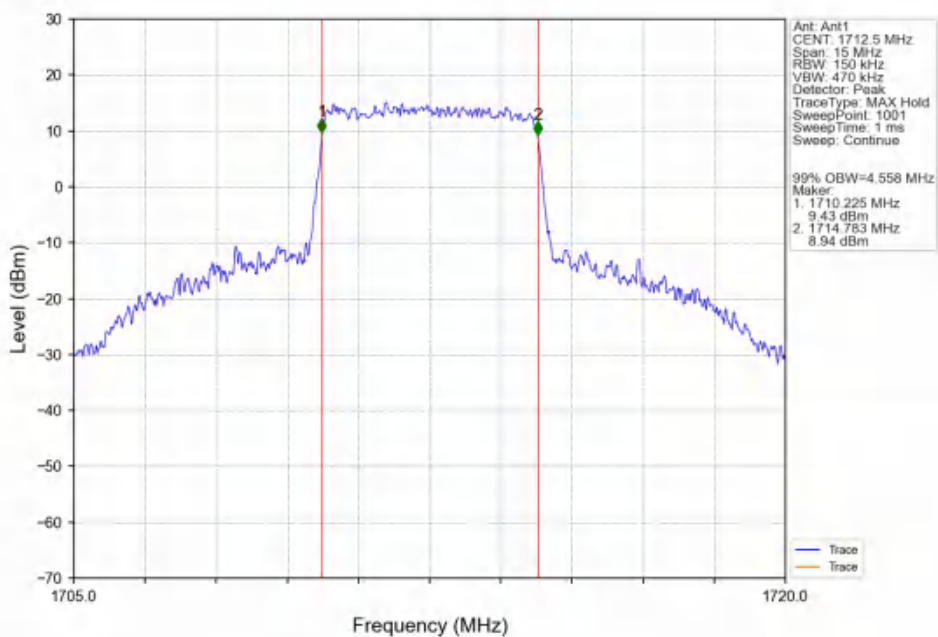
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



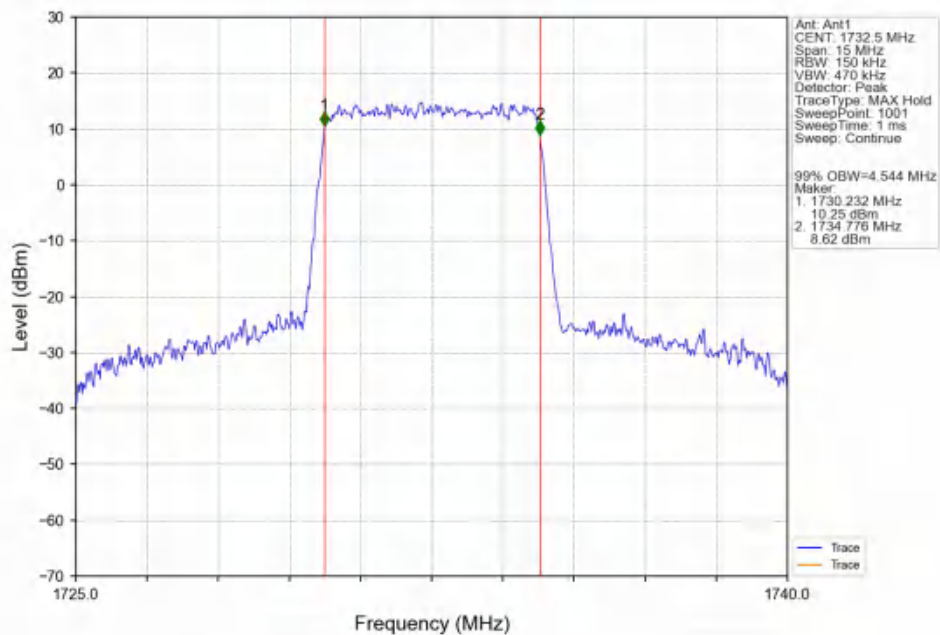
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



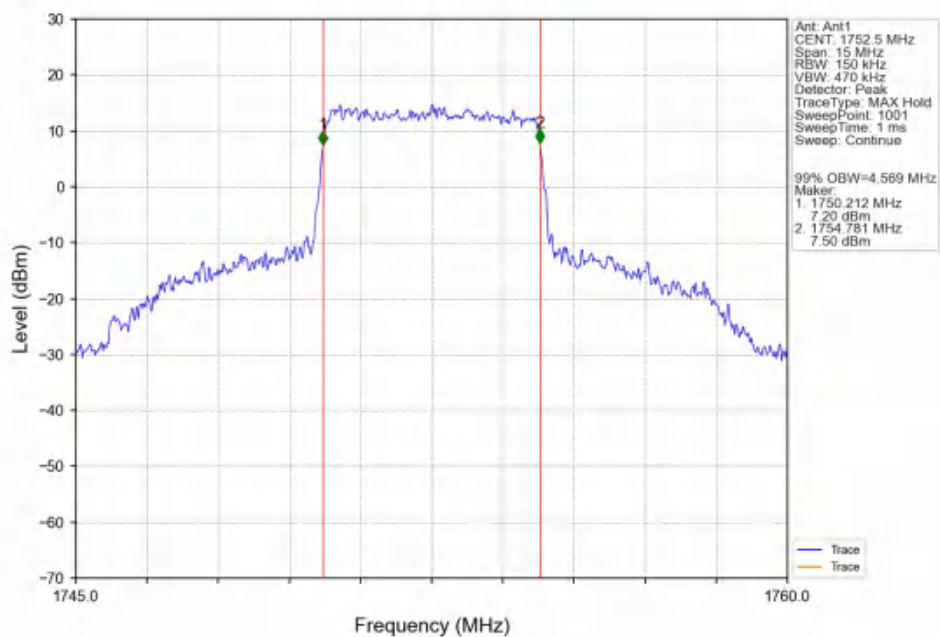
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



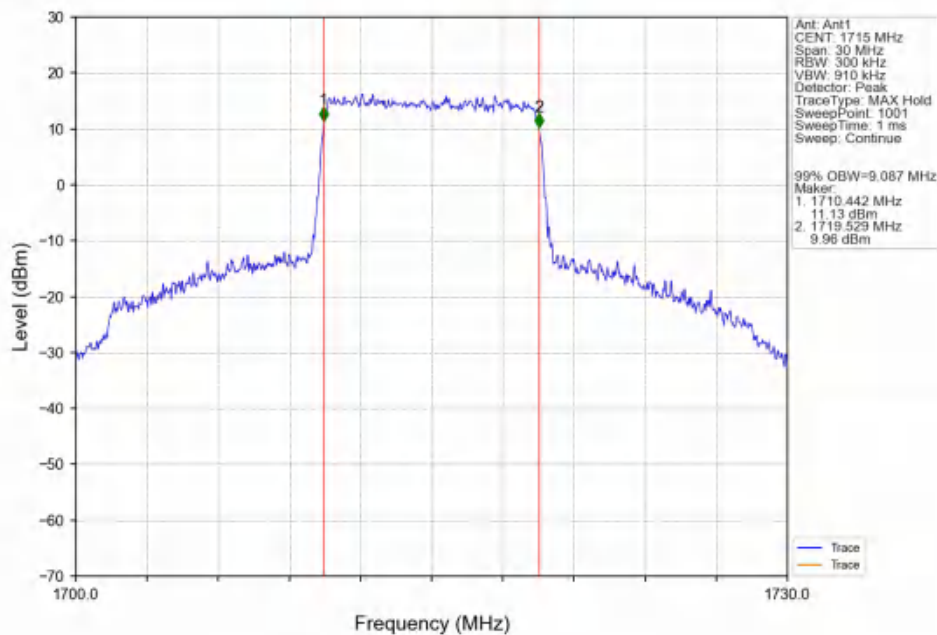
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



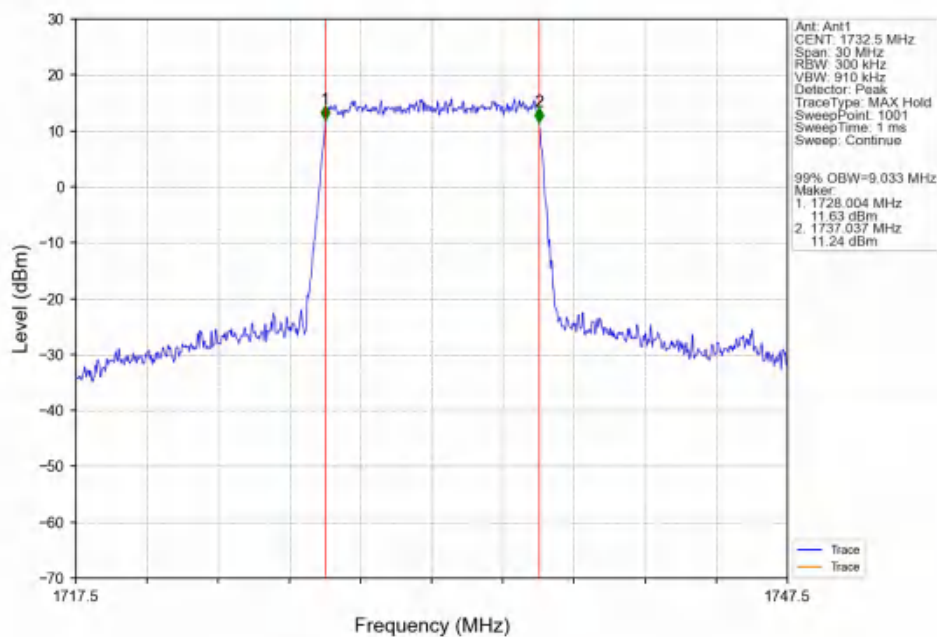
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTV



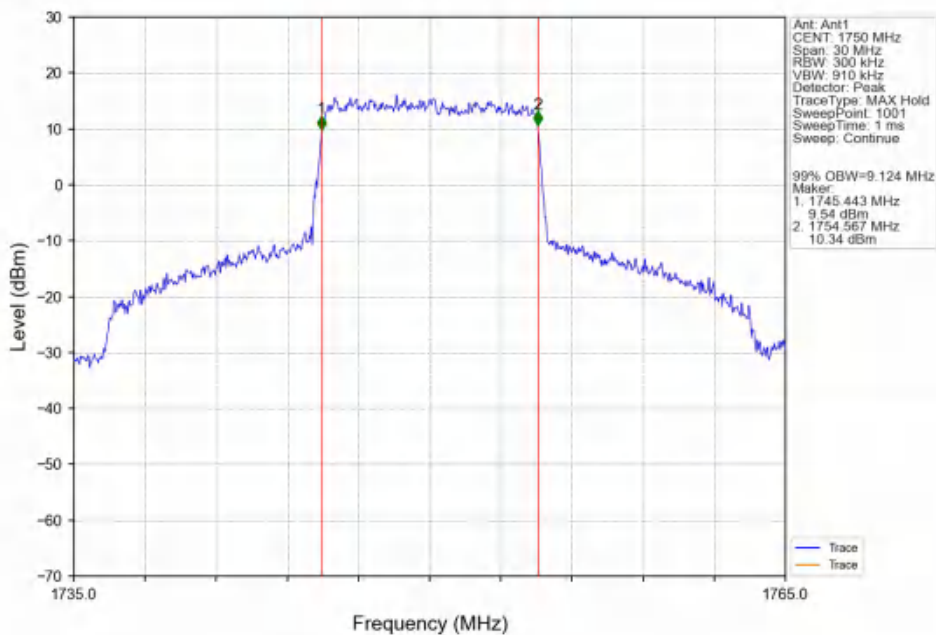
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



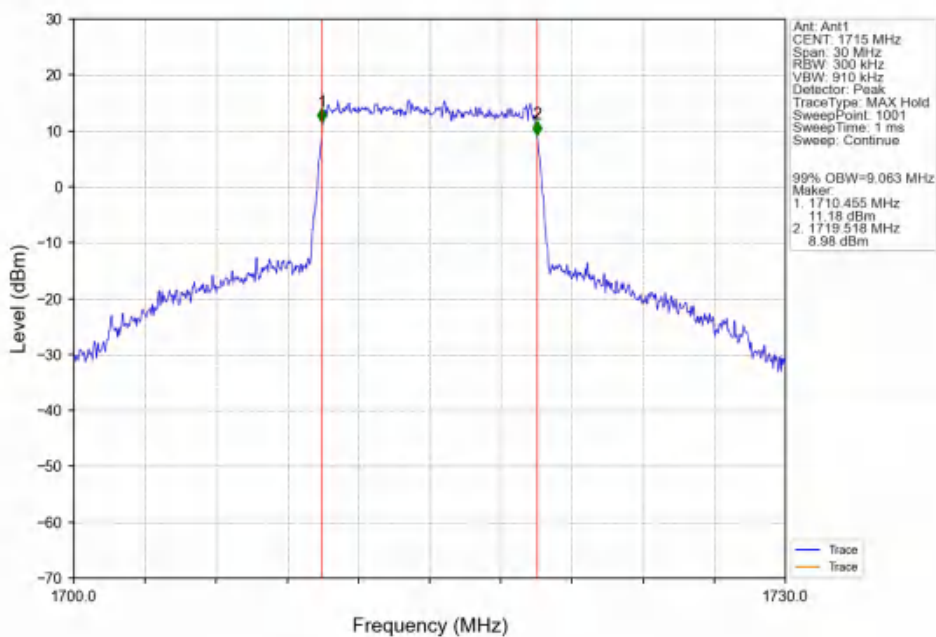
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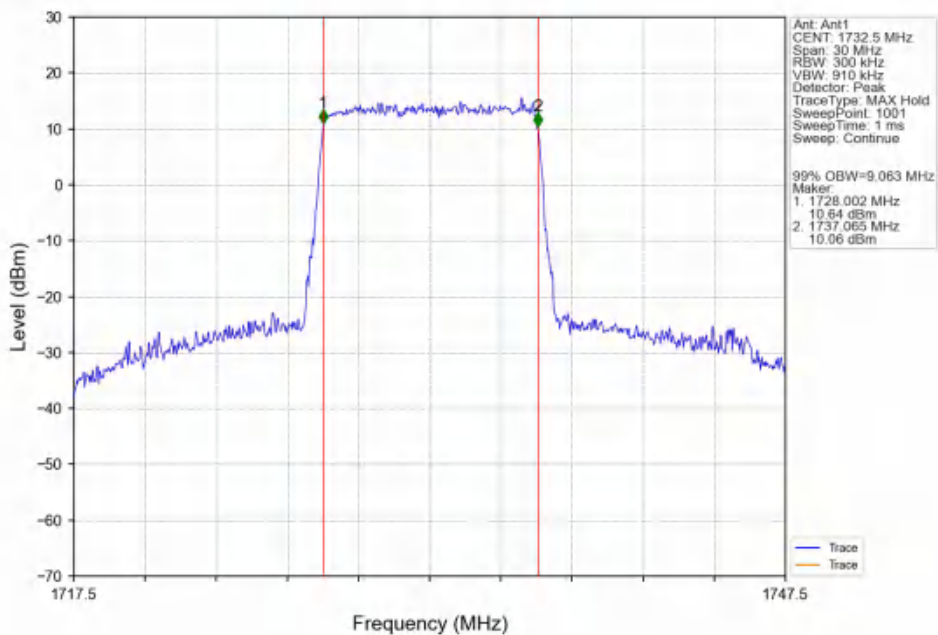
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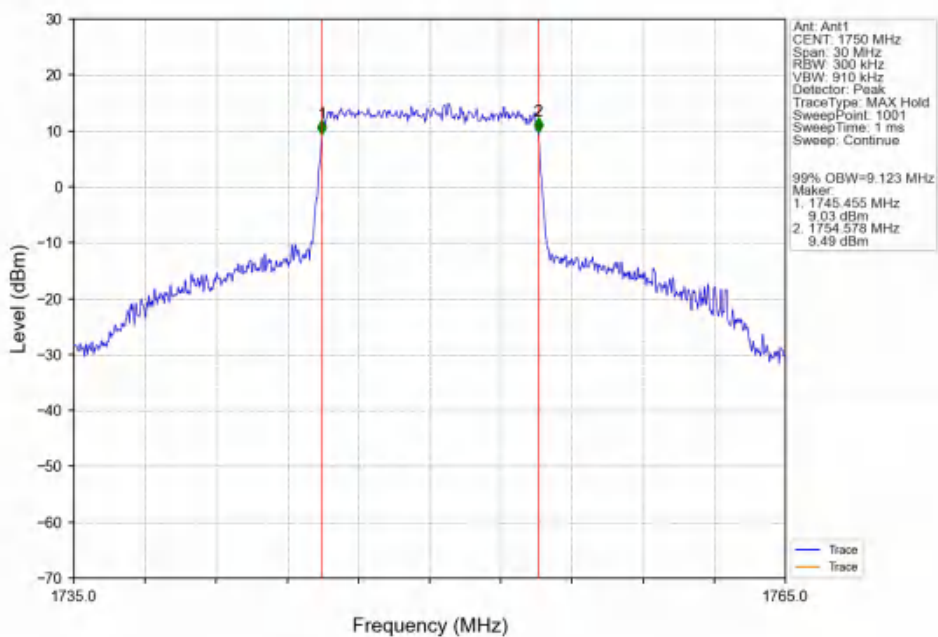
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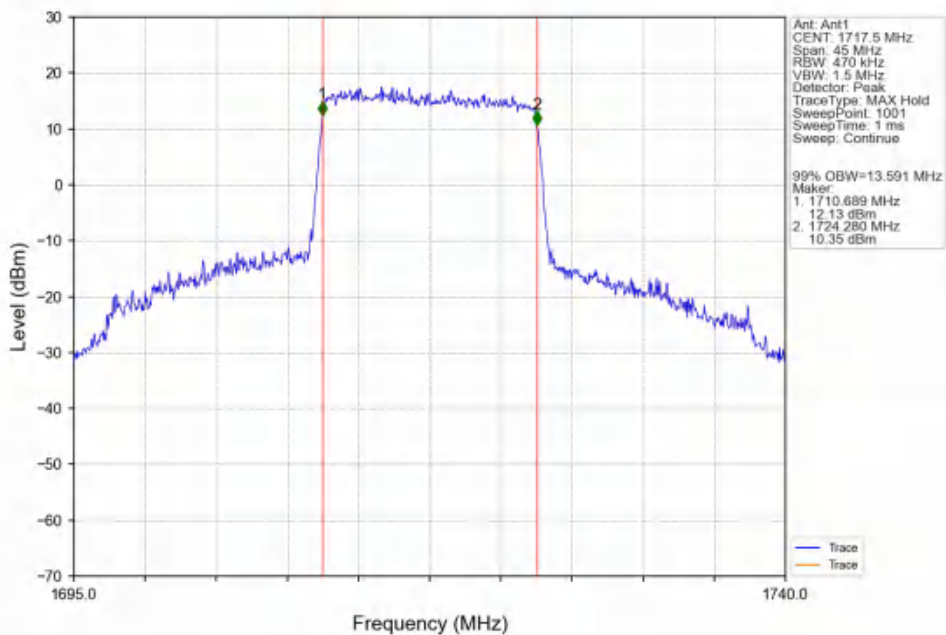
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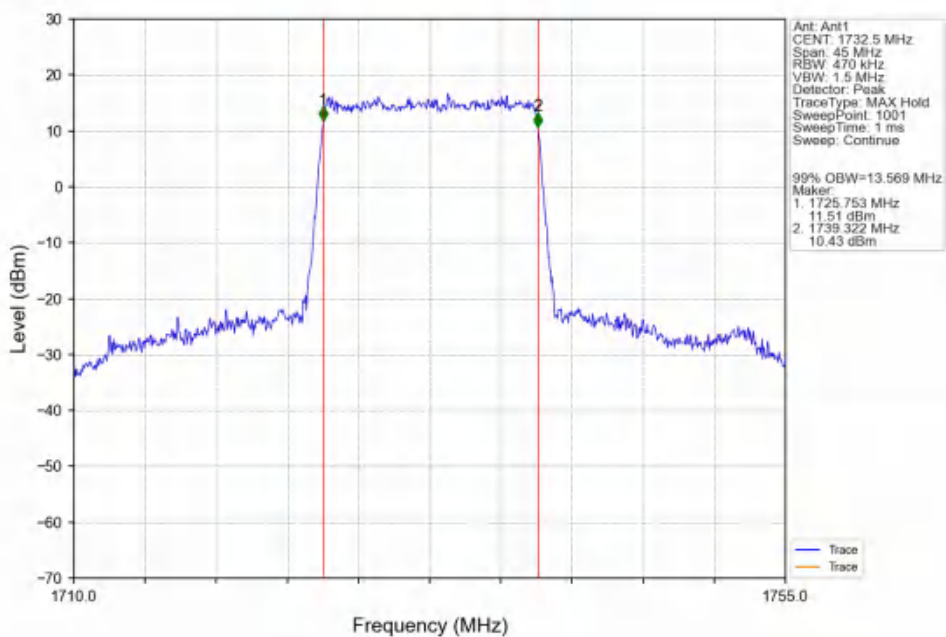
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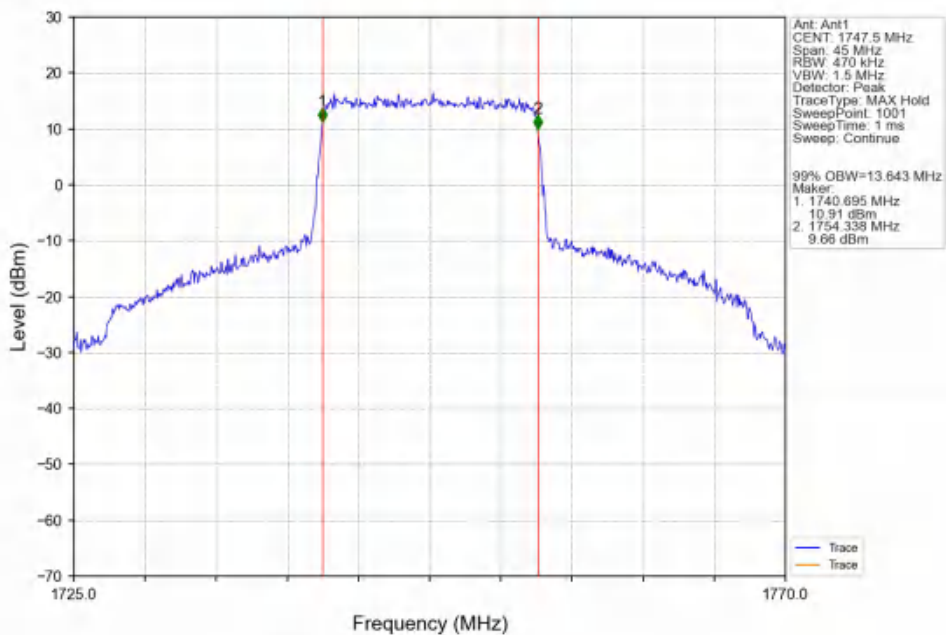
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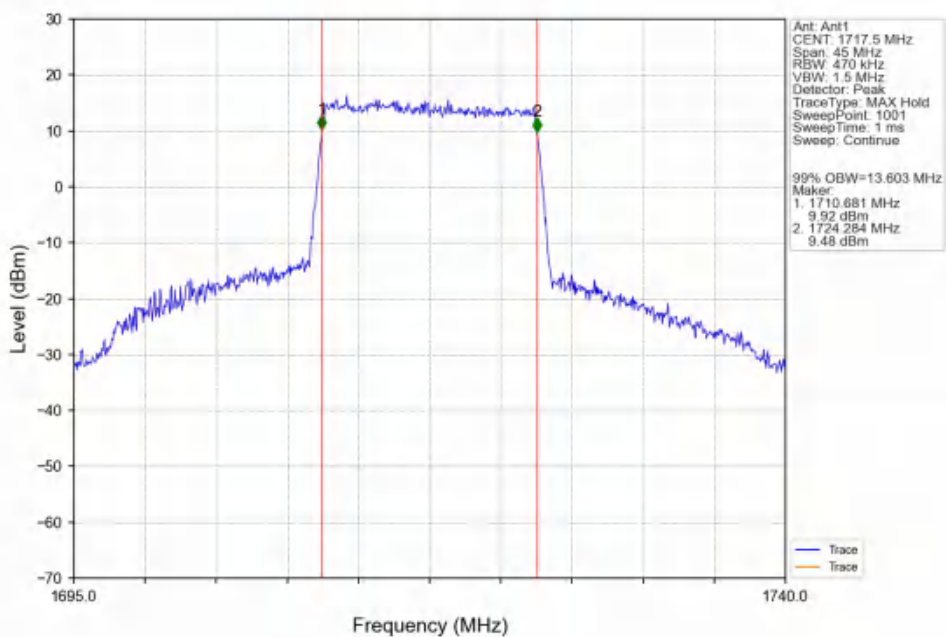
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



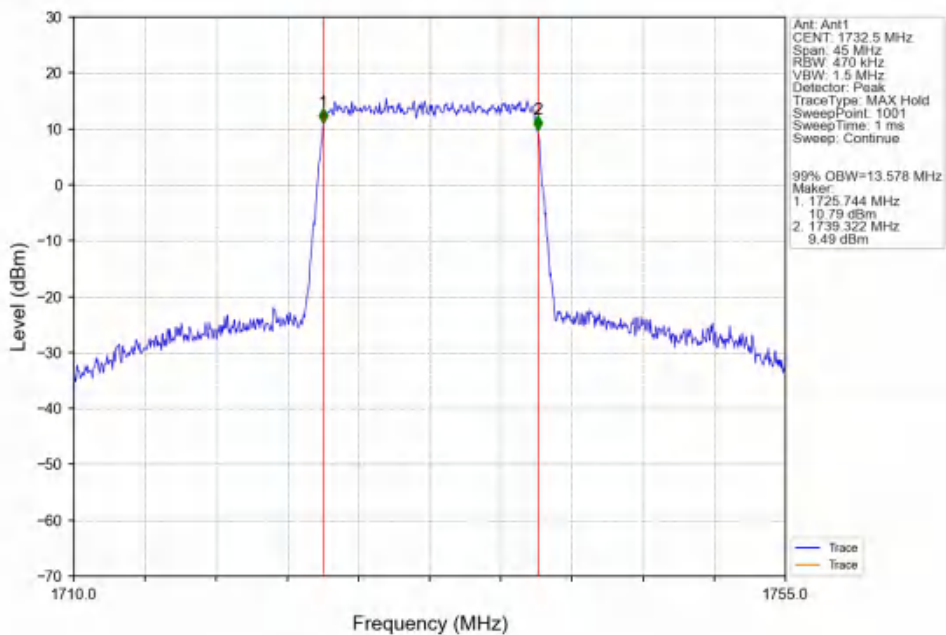
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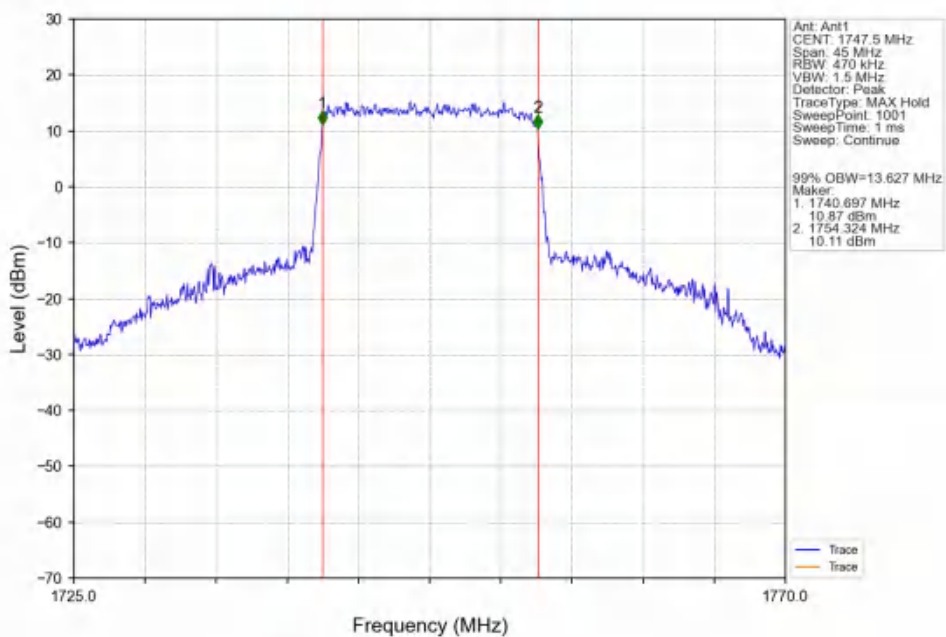
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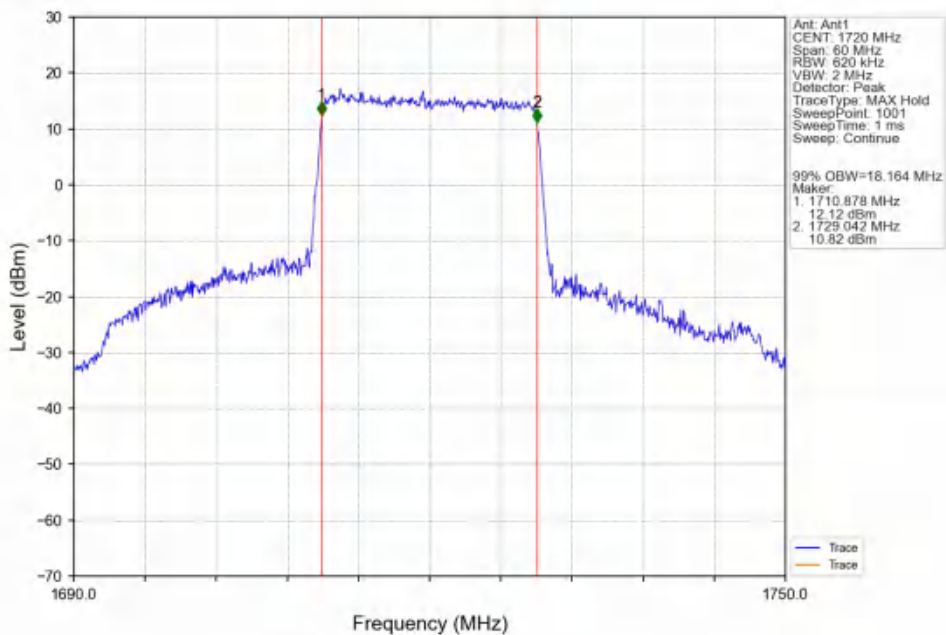
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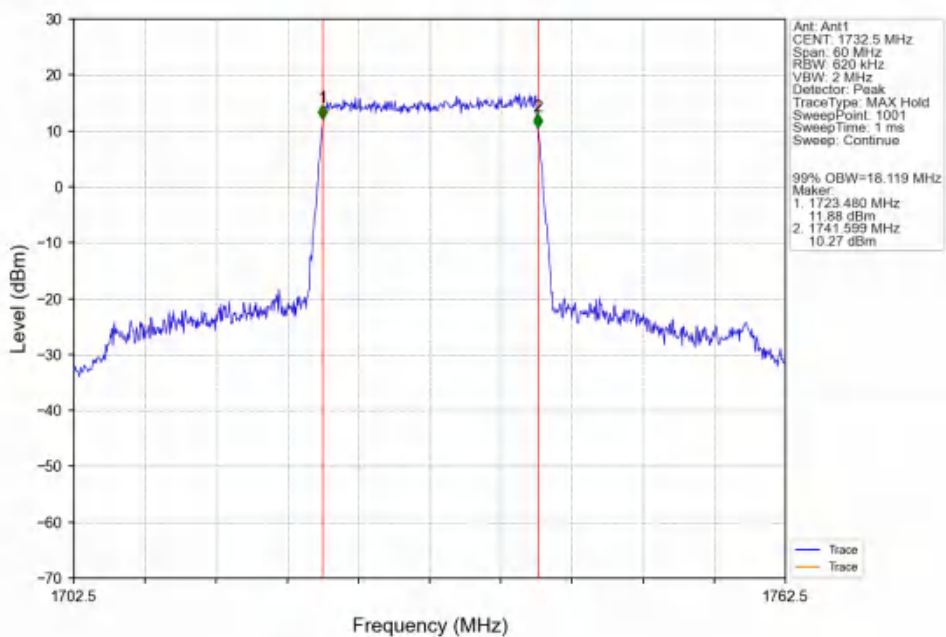
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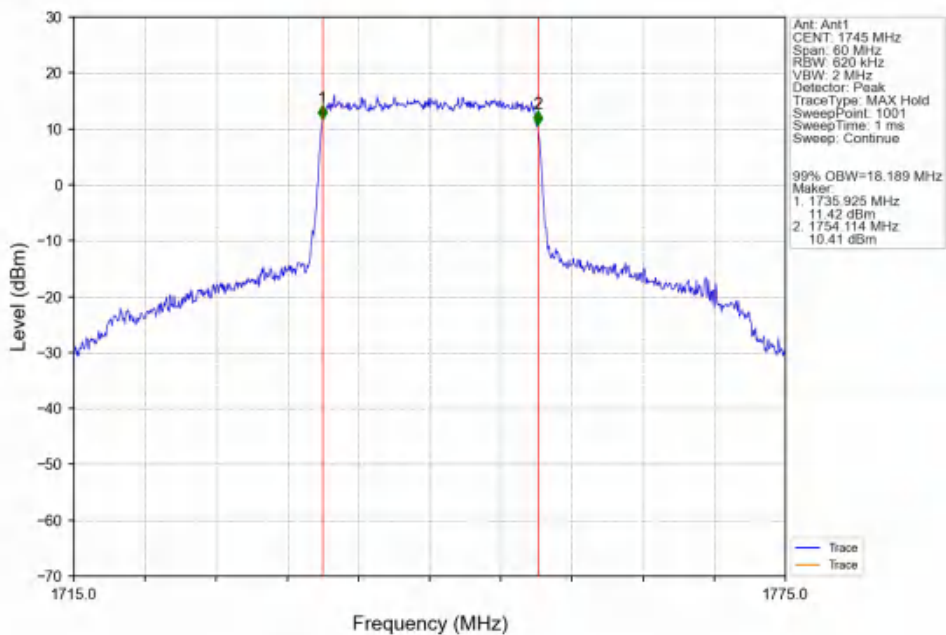
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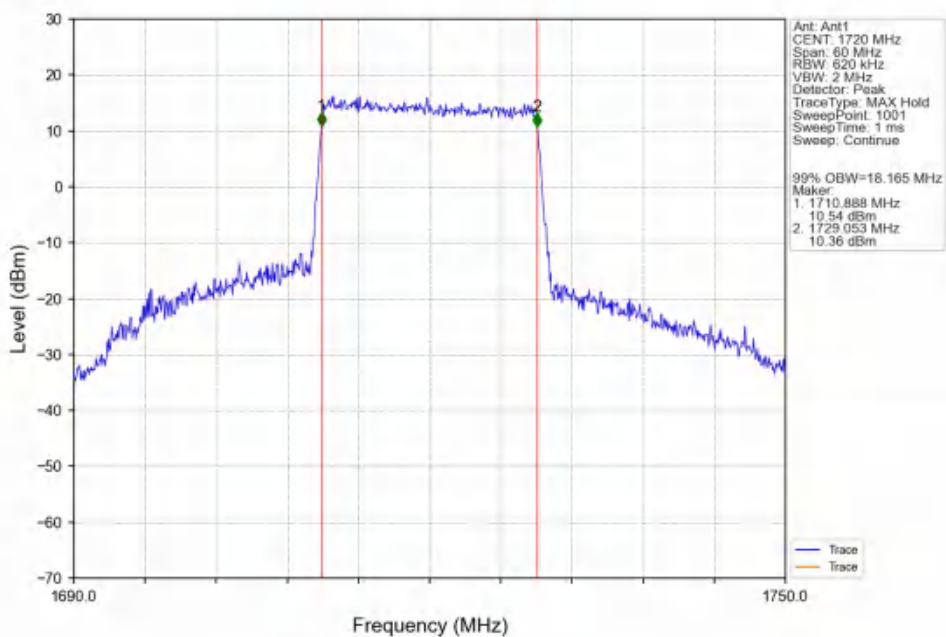
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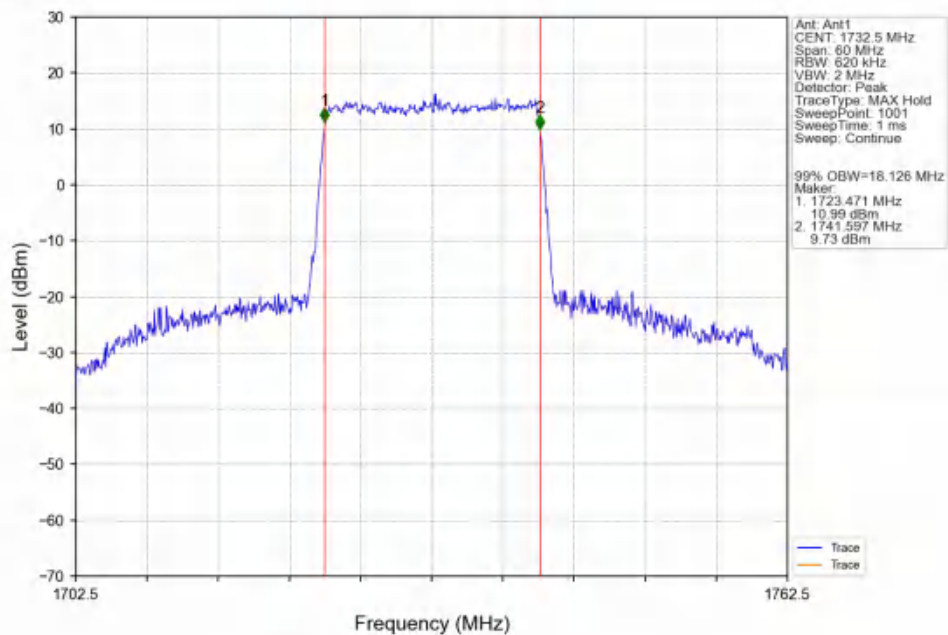
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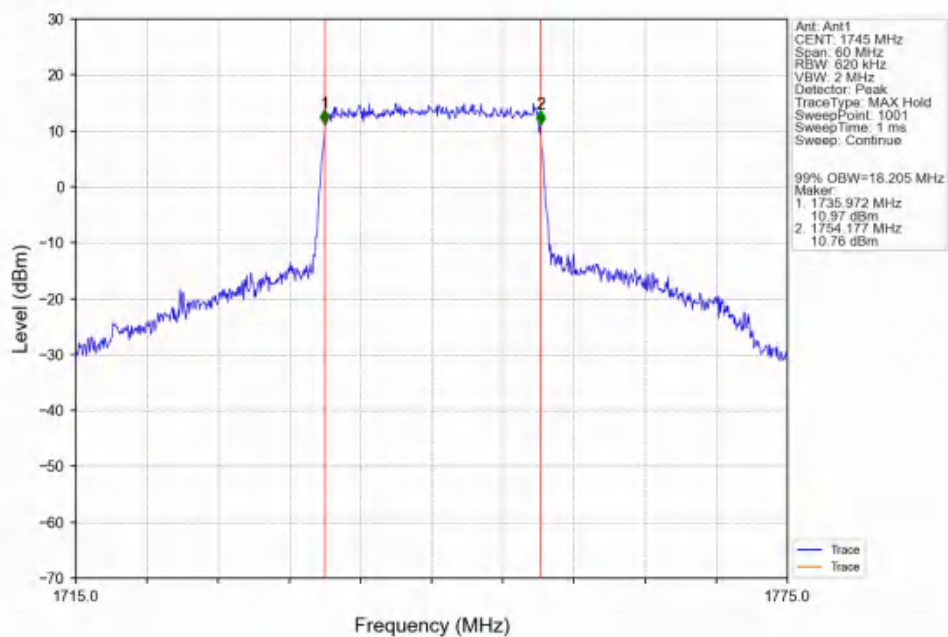
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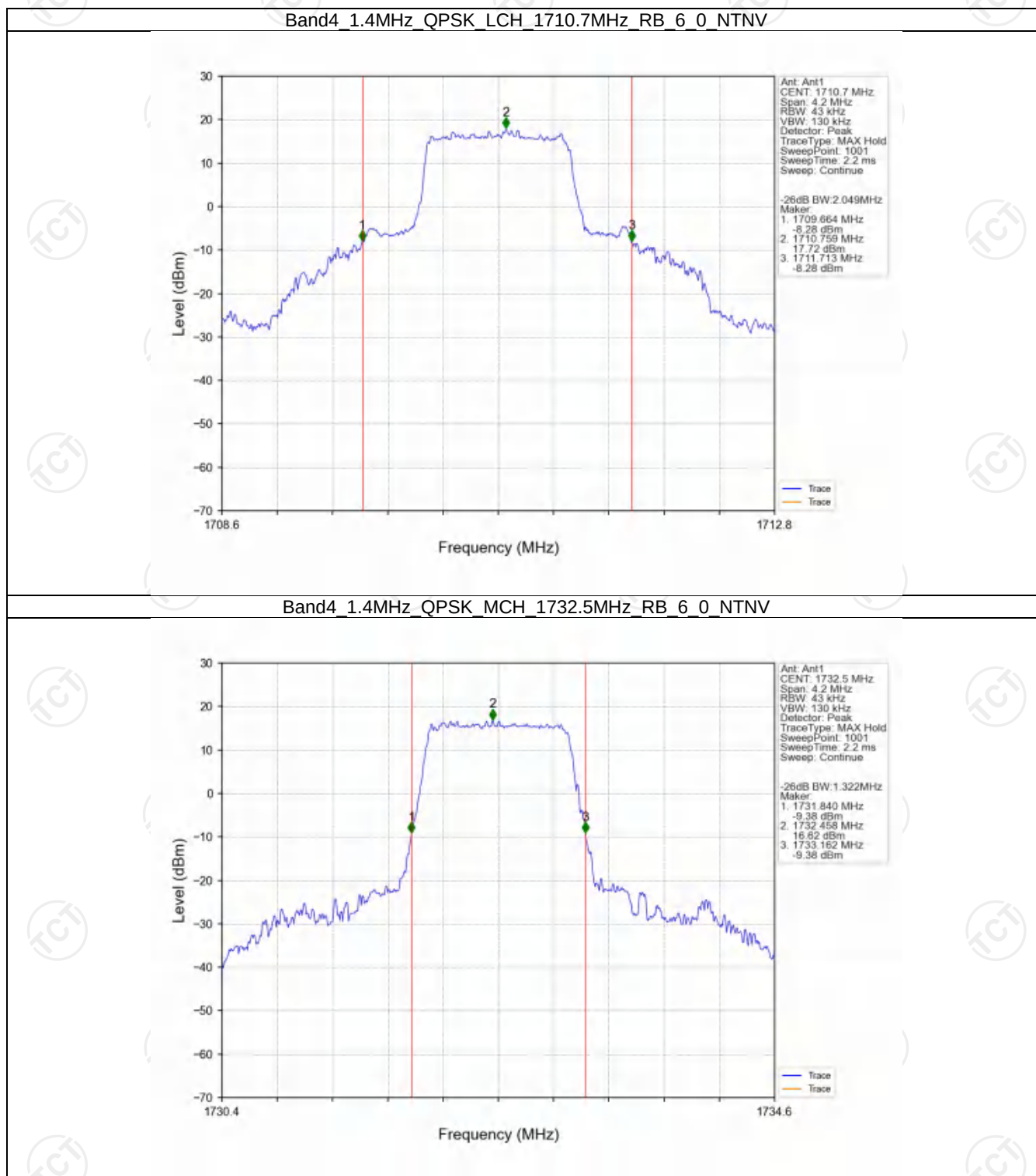
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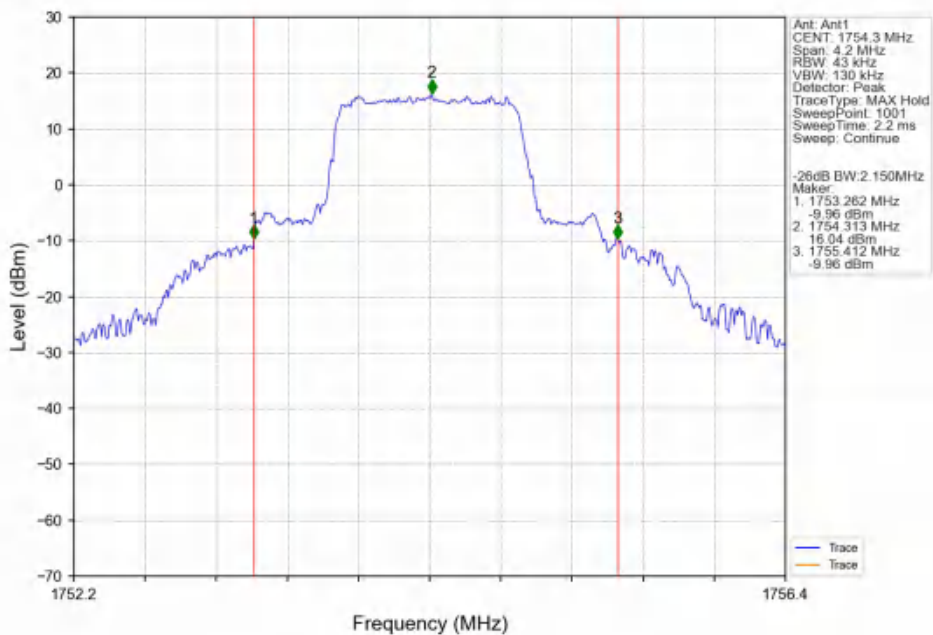
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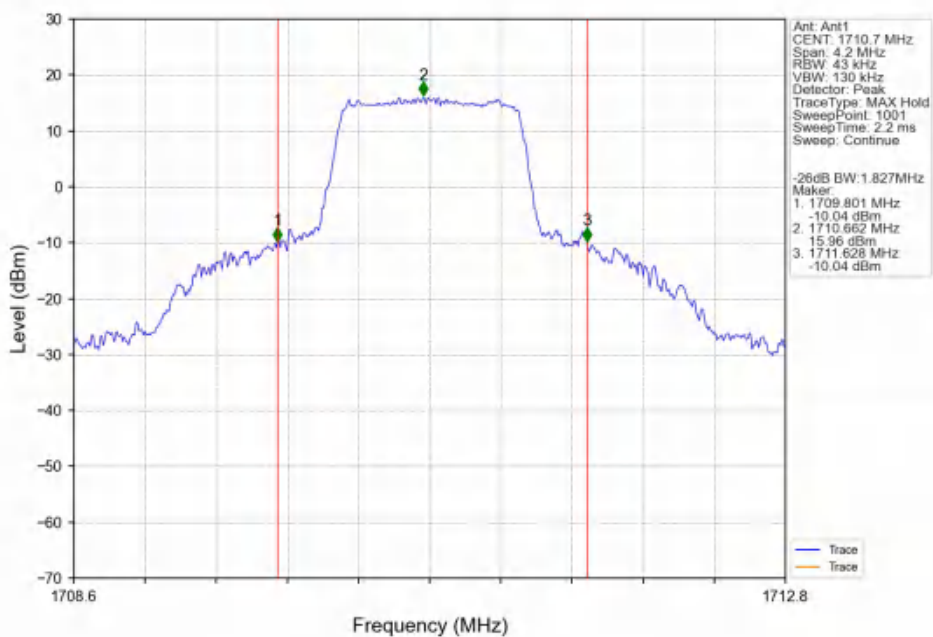
4.2.2 Band4_XDB



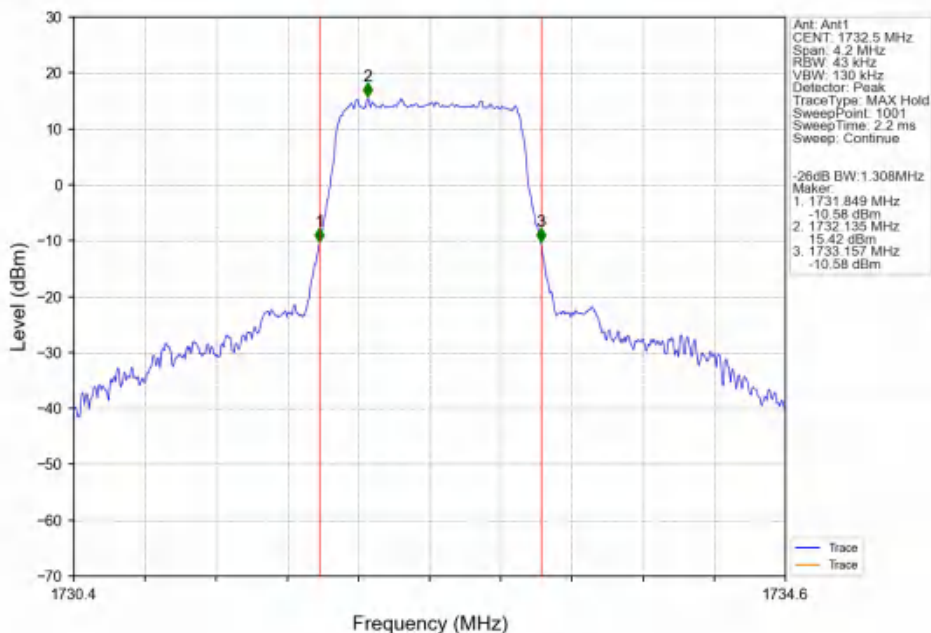
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



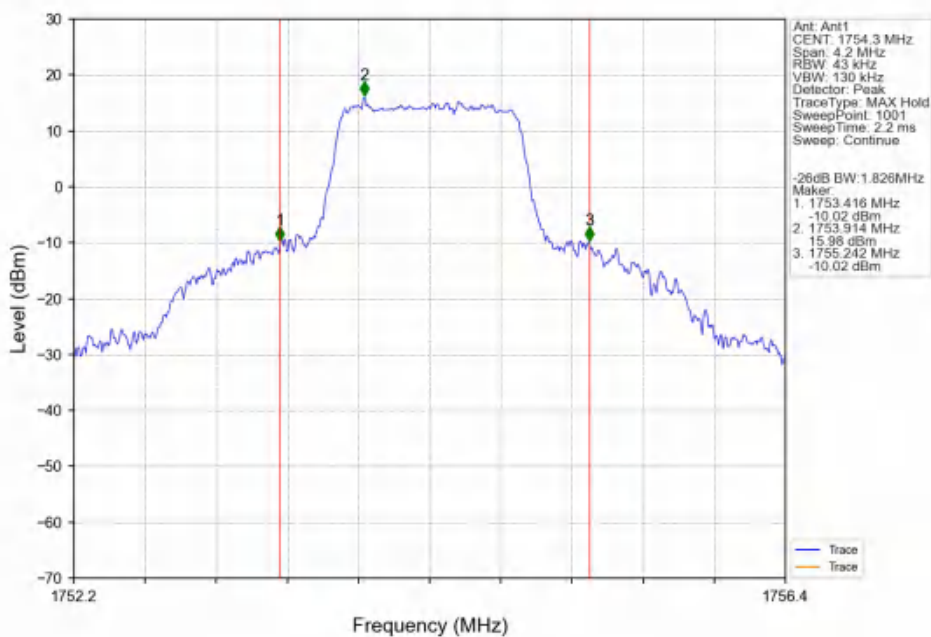
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



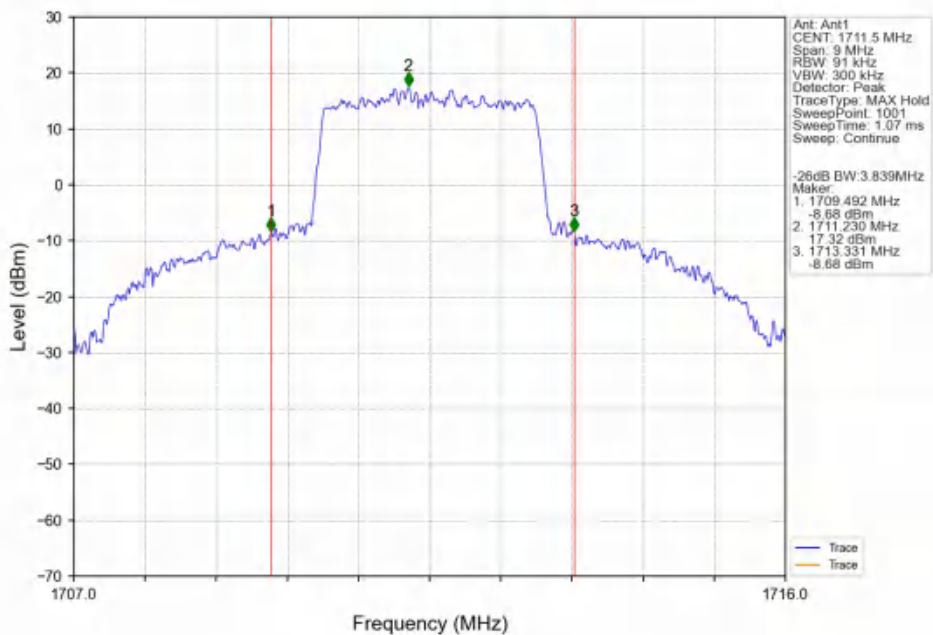
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



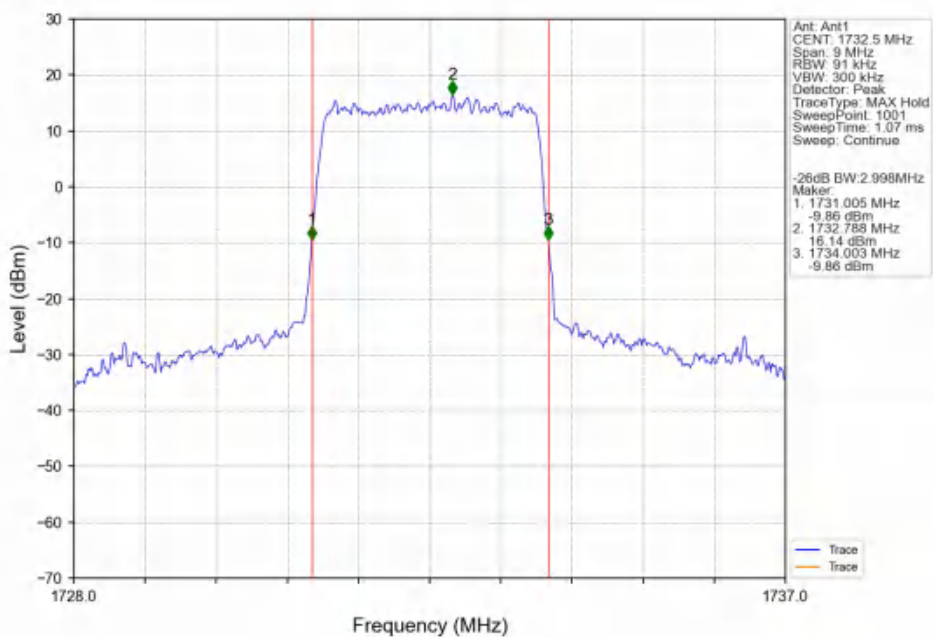
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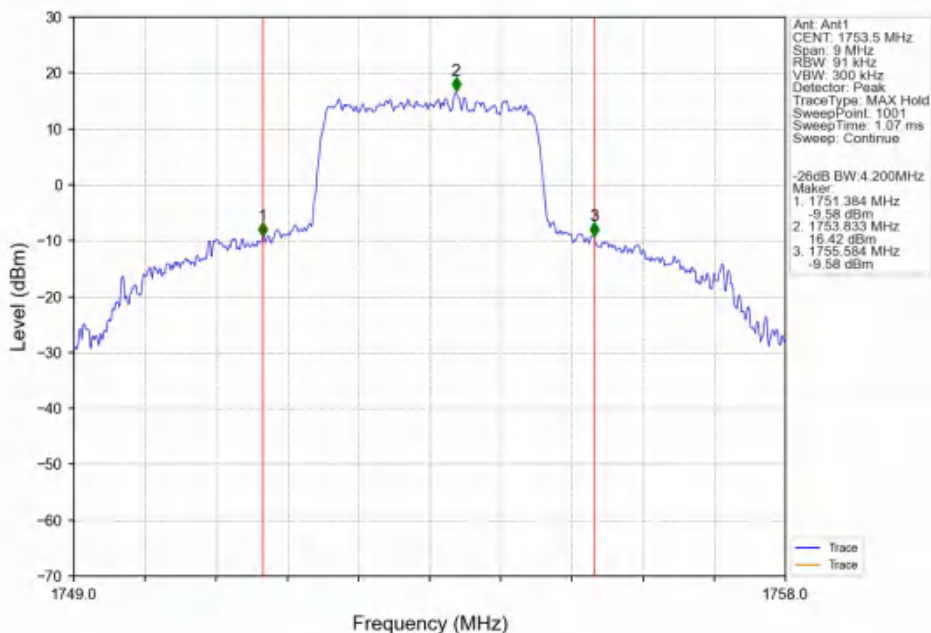
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



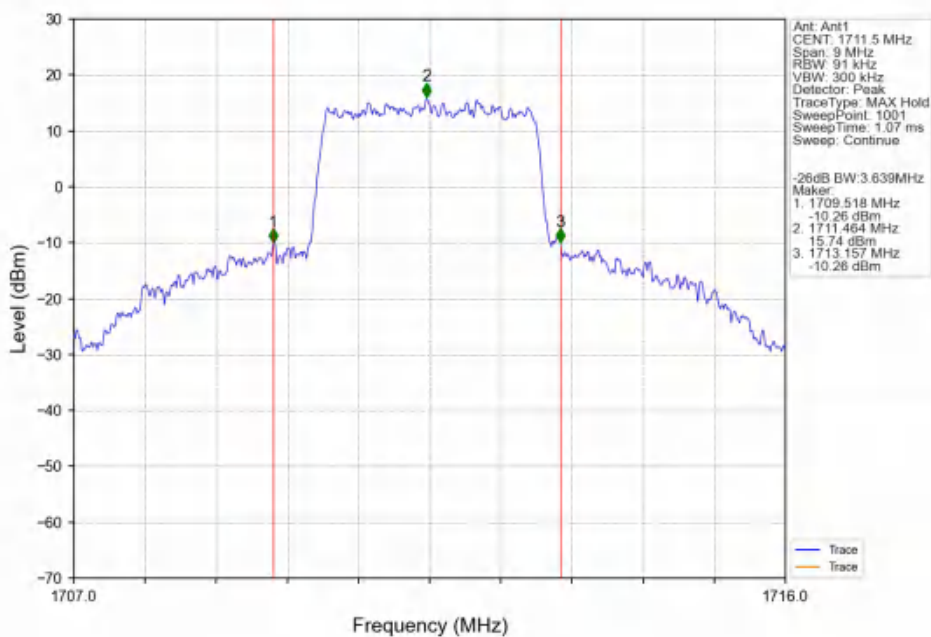
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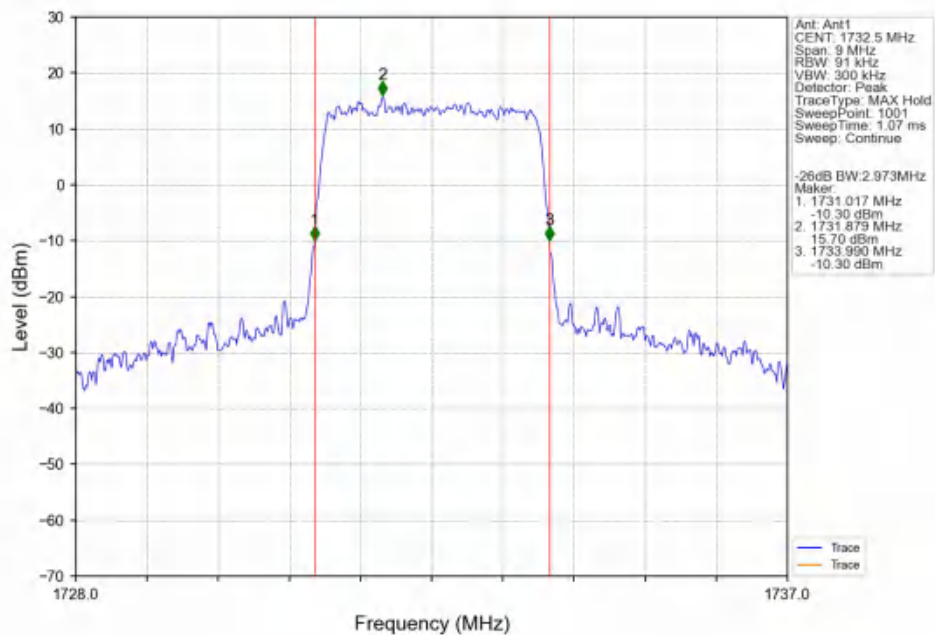
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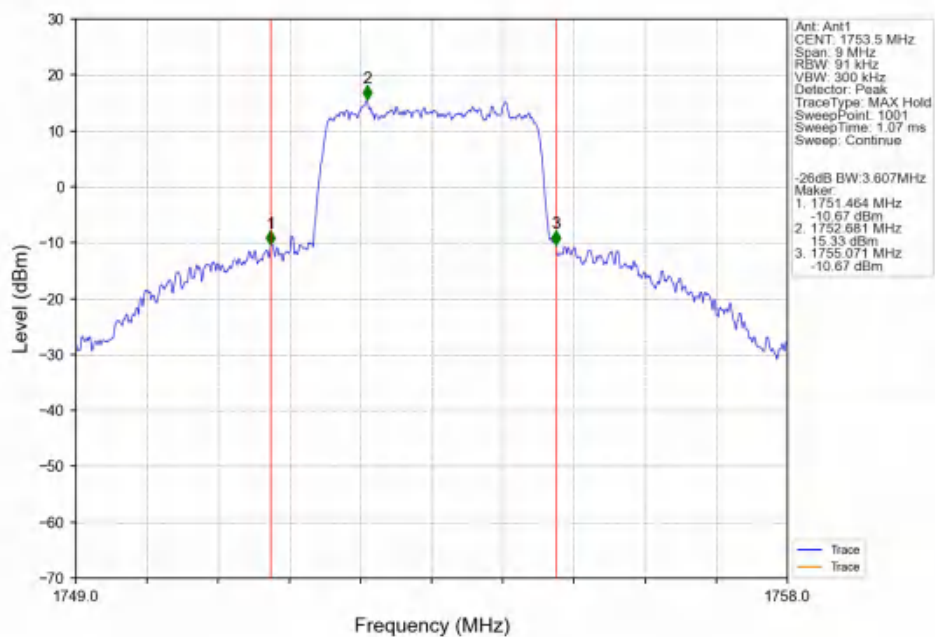
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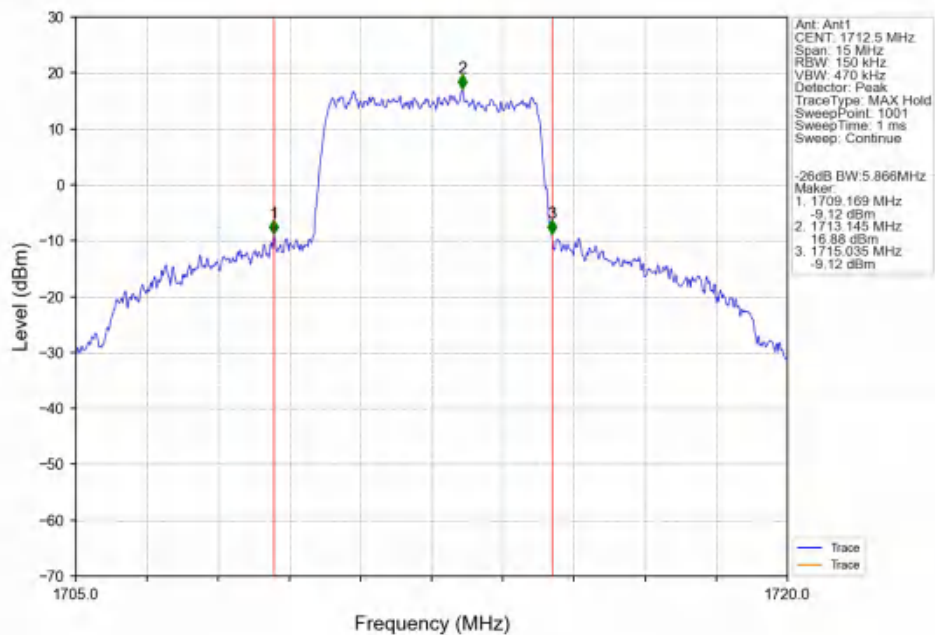
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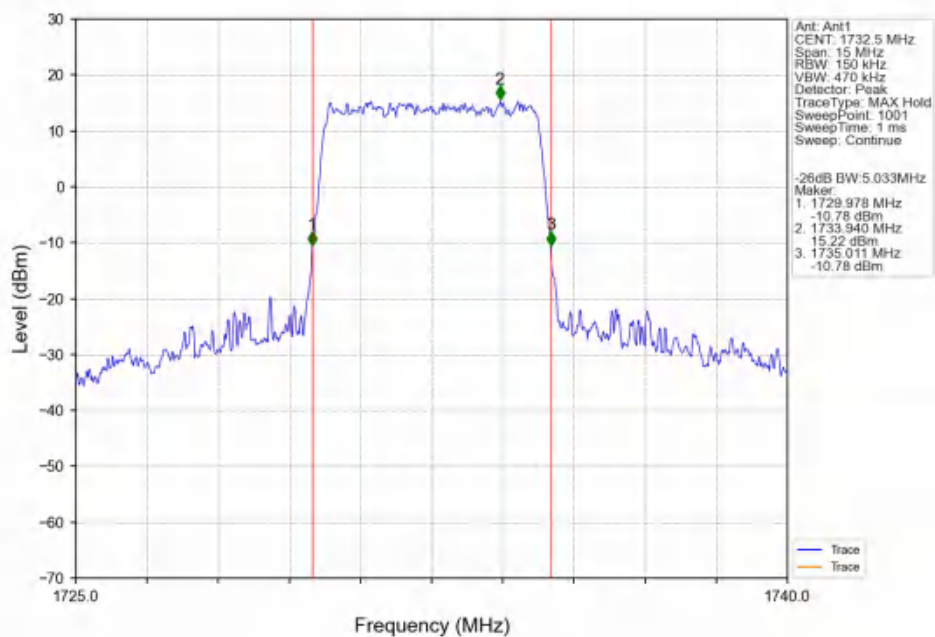
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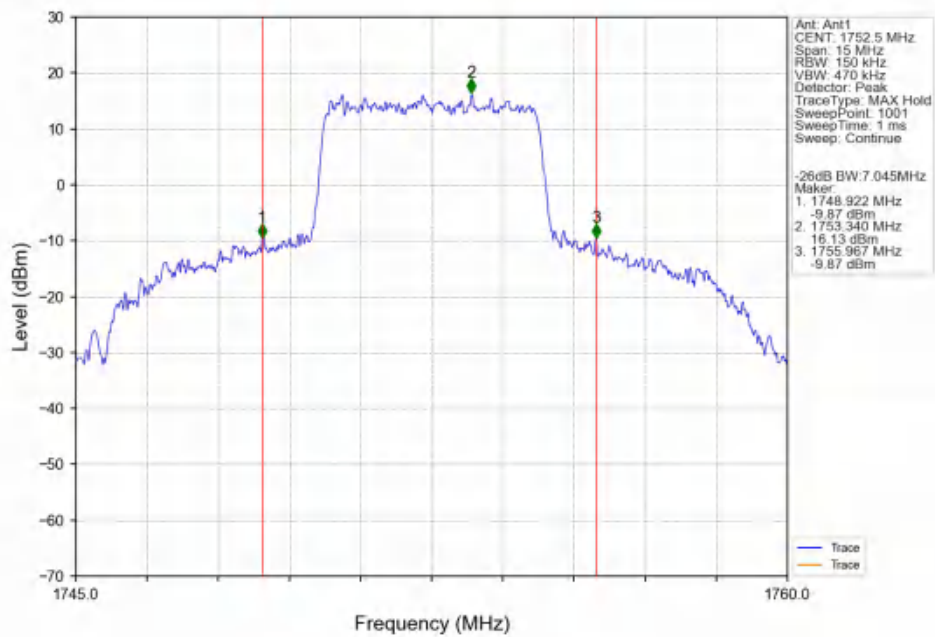
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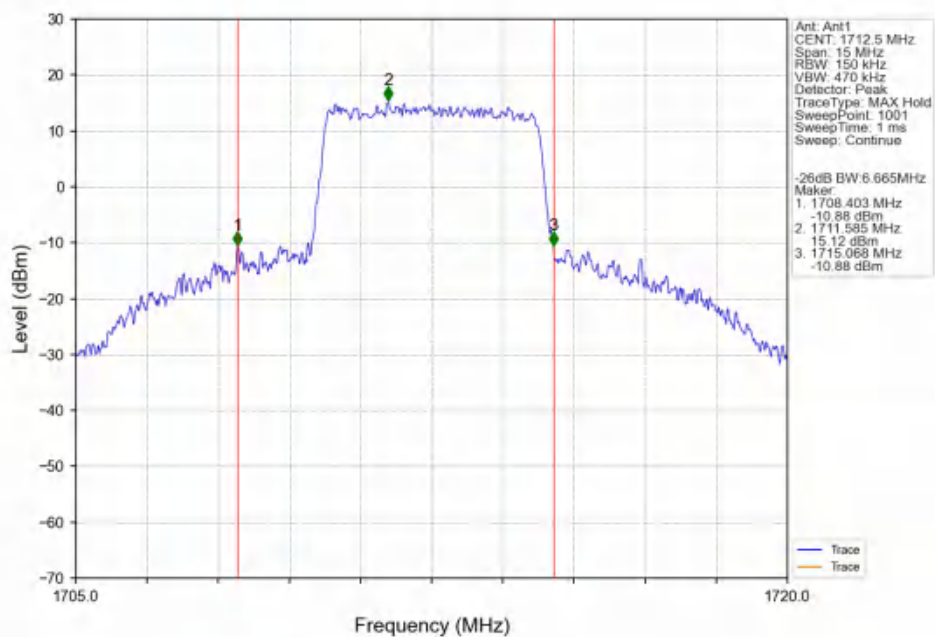
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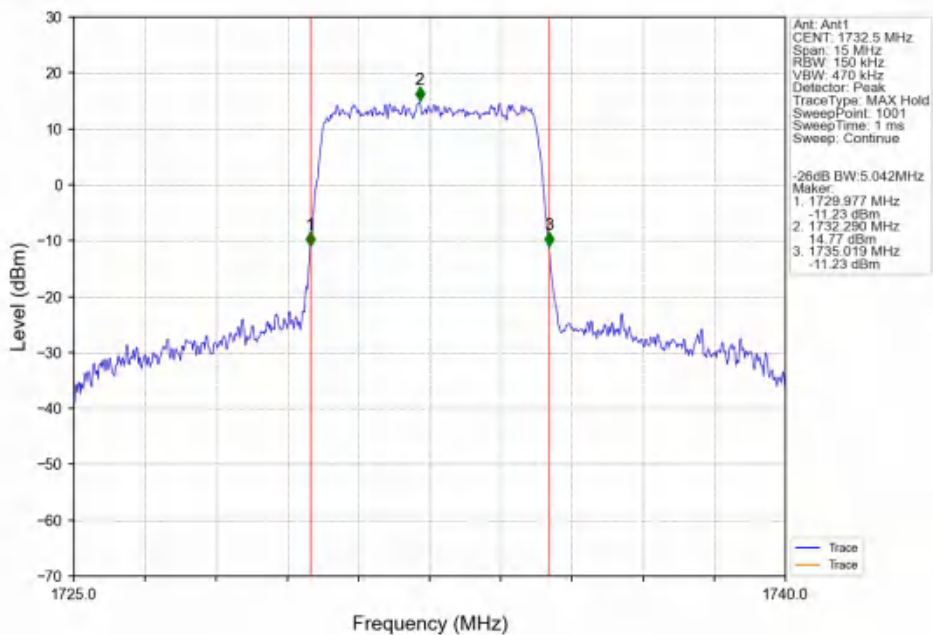
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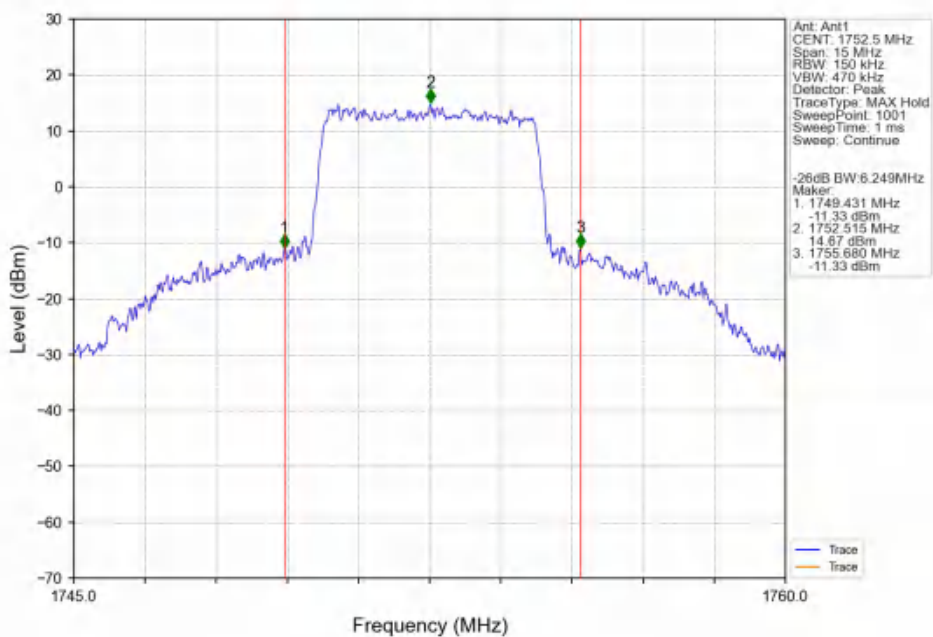
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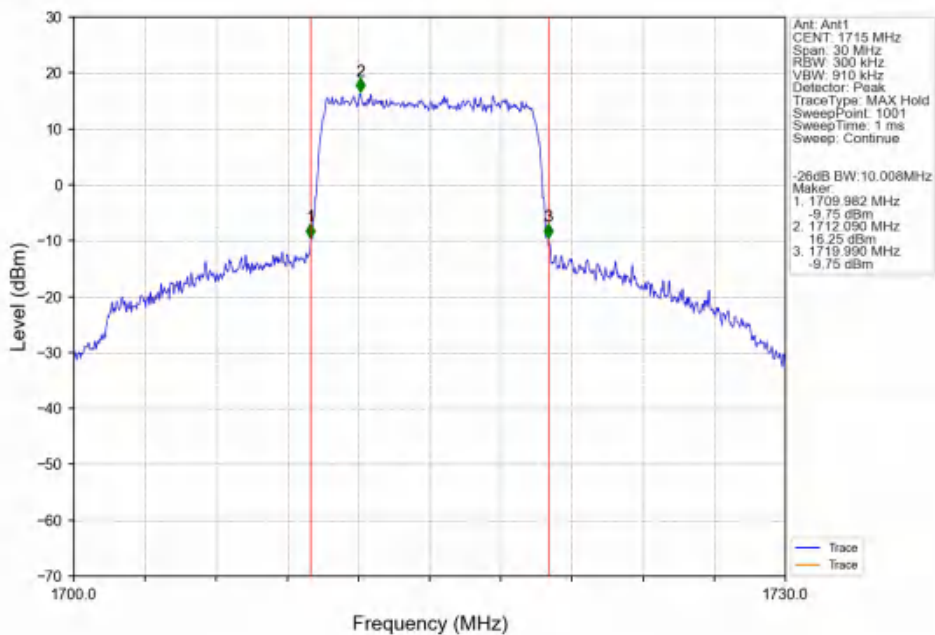
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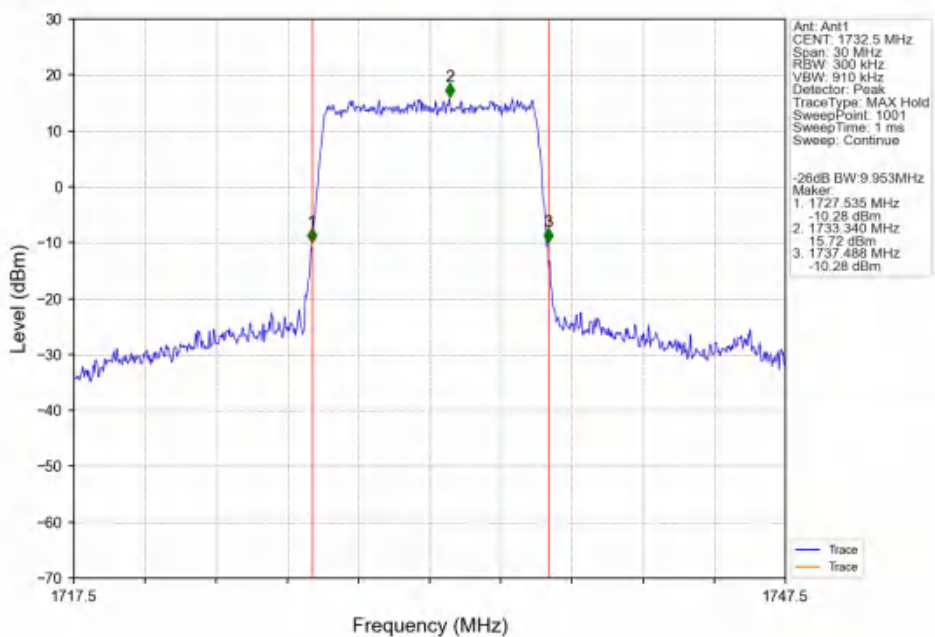
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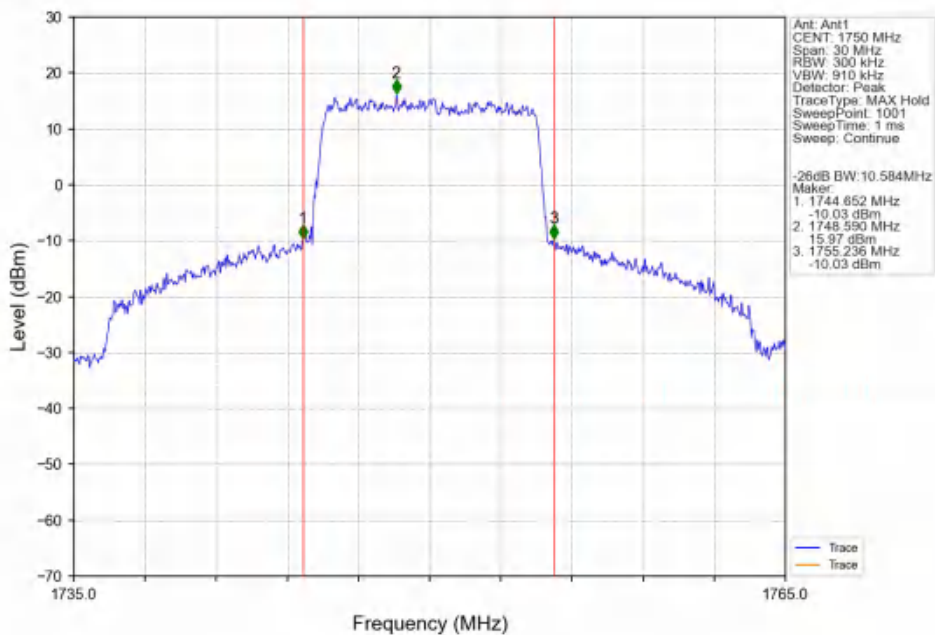
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



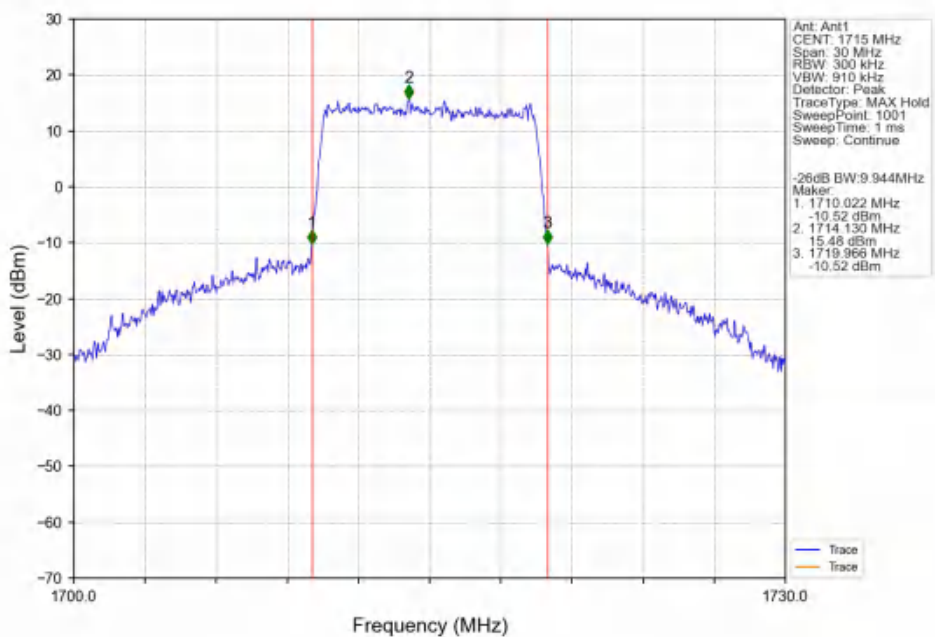
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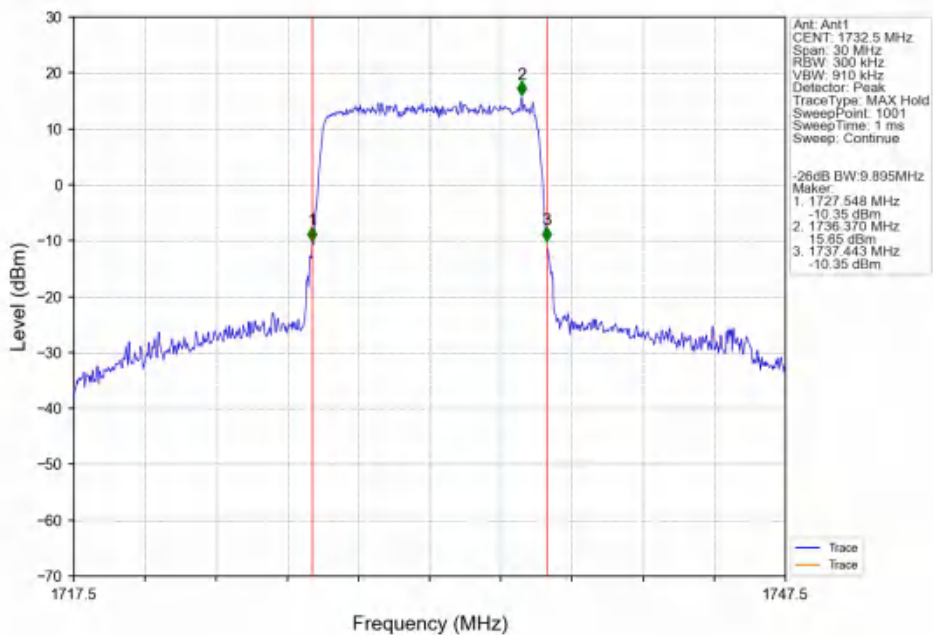
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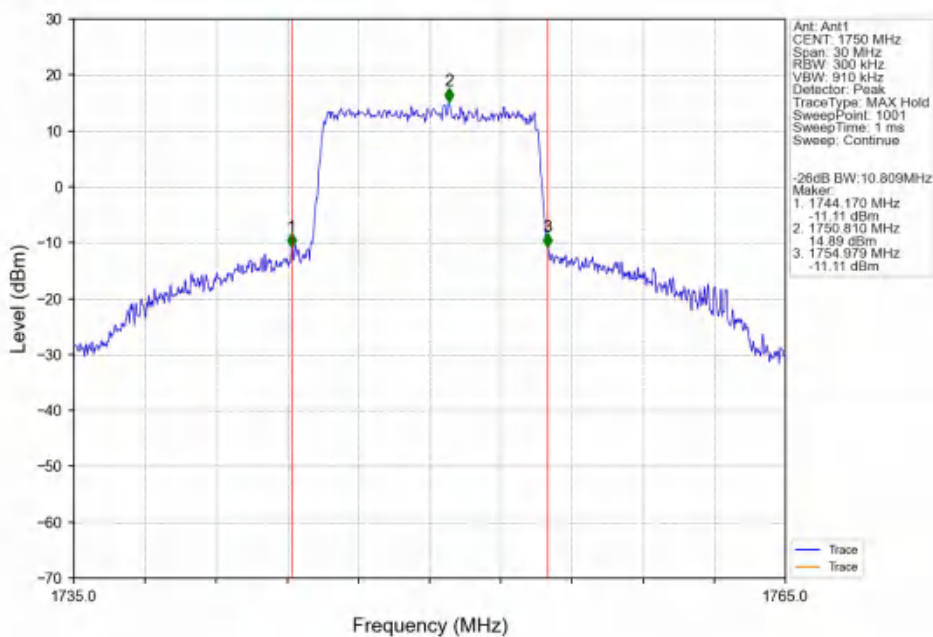
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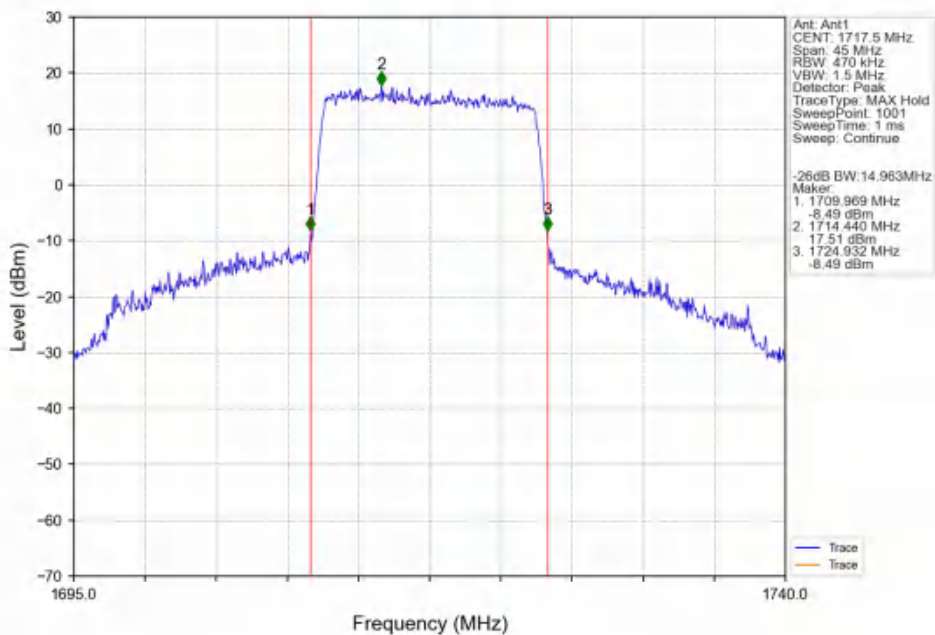
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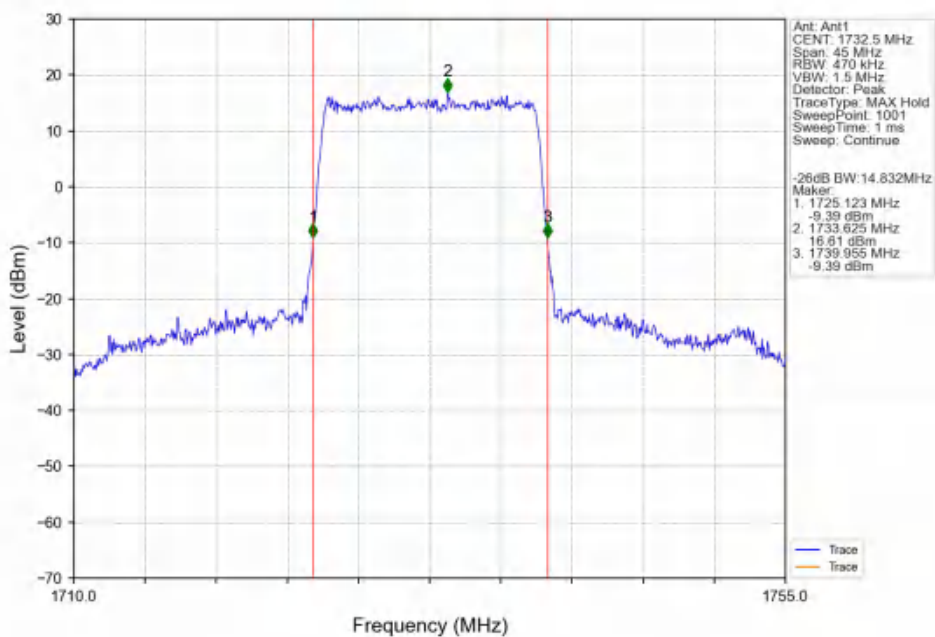
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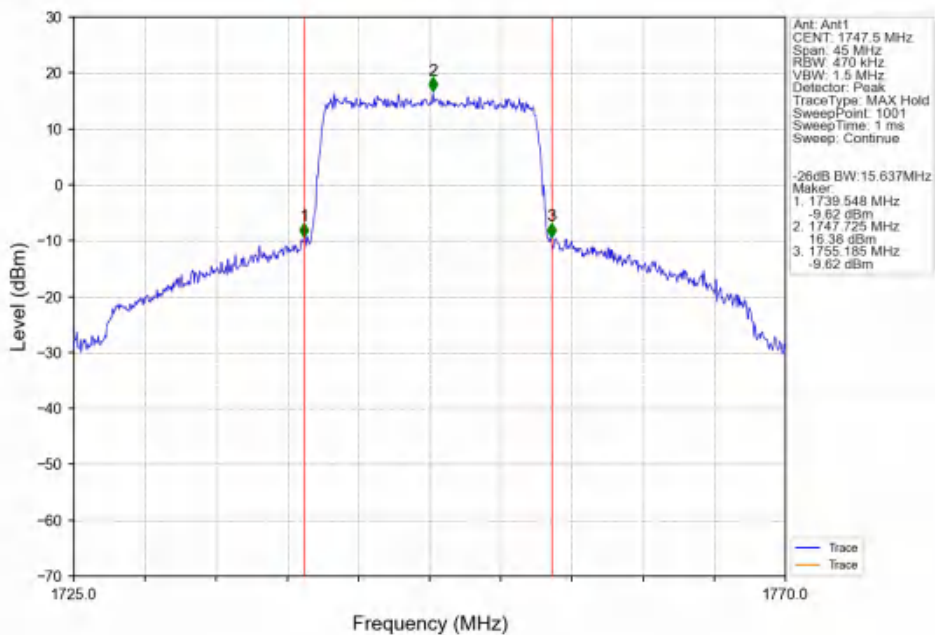
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV



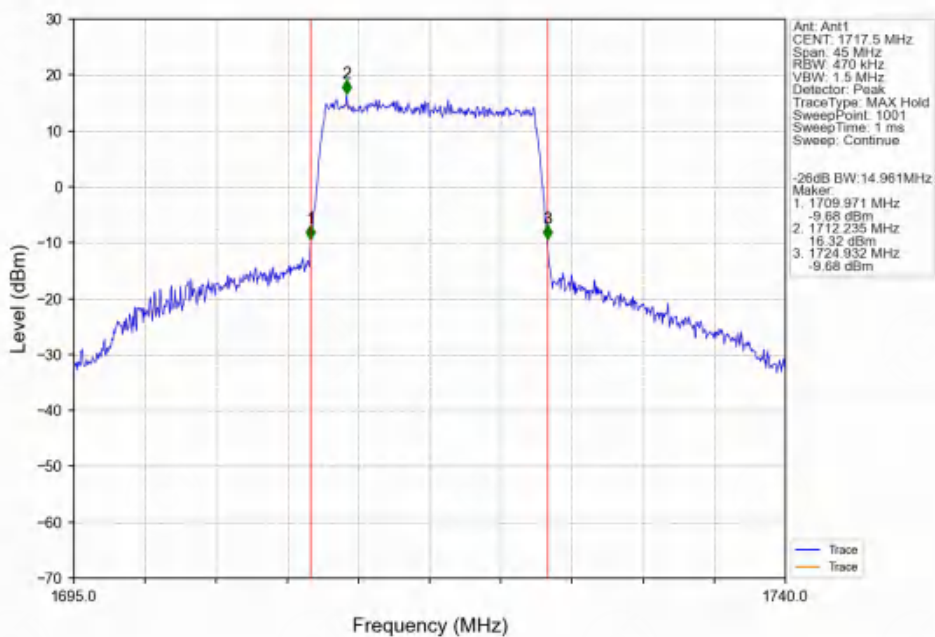
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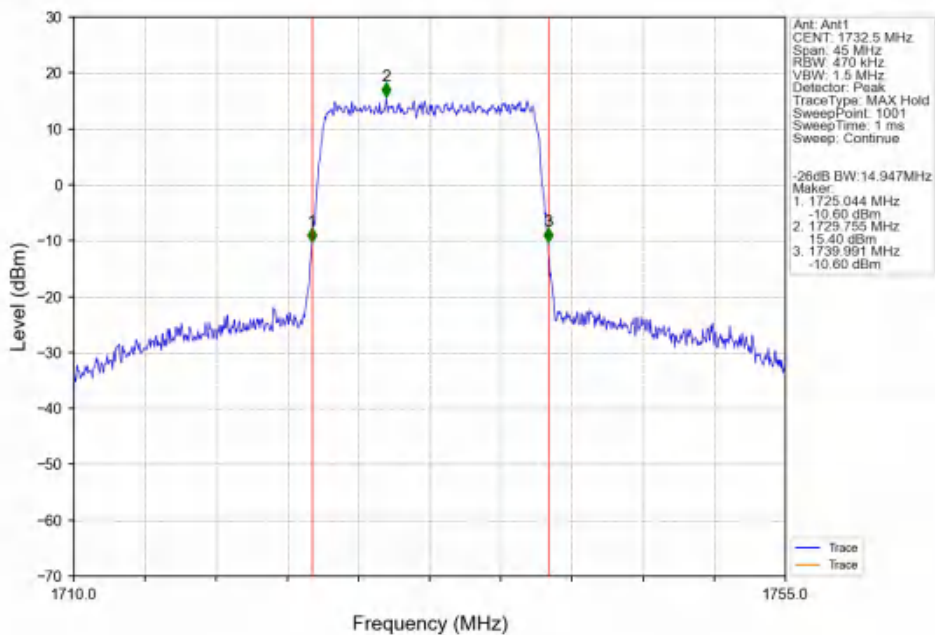
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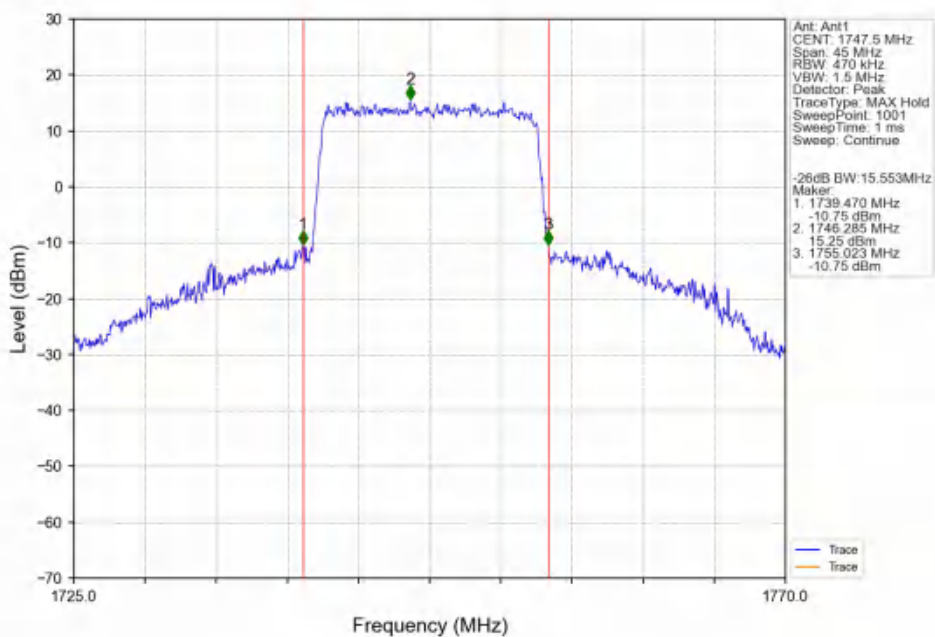
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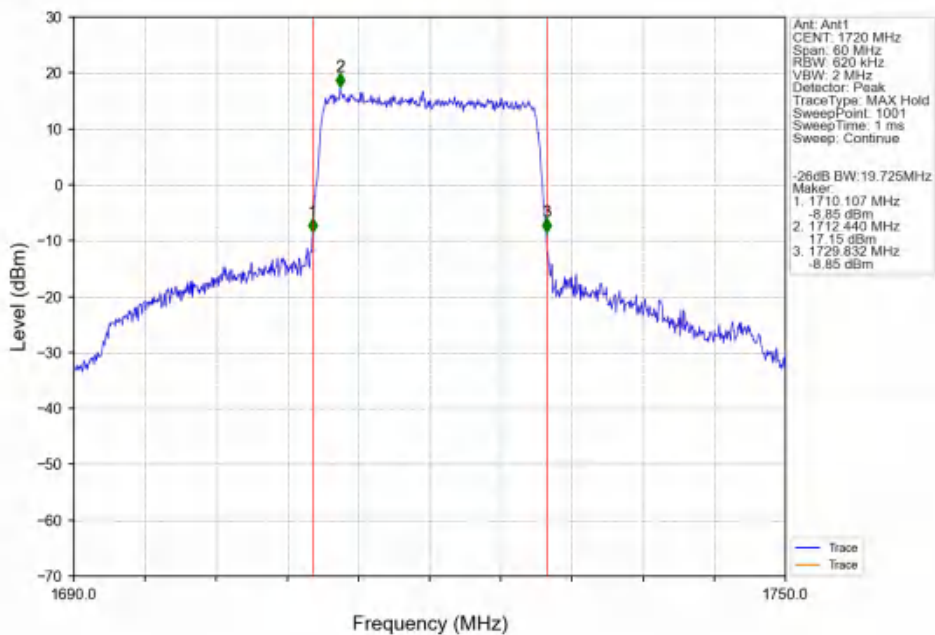
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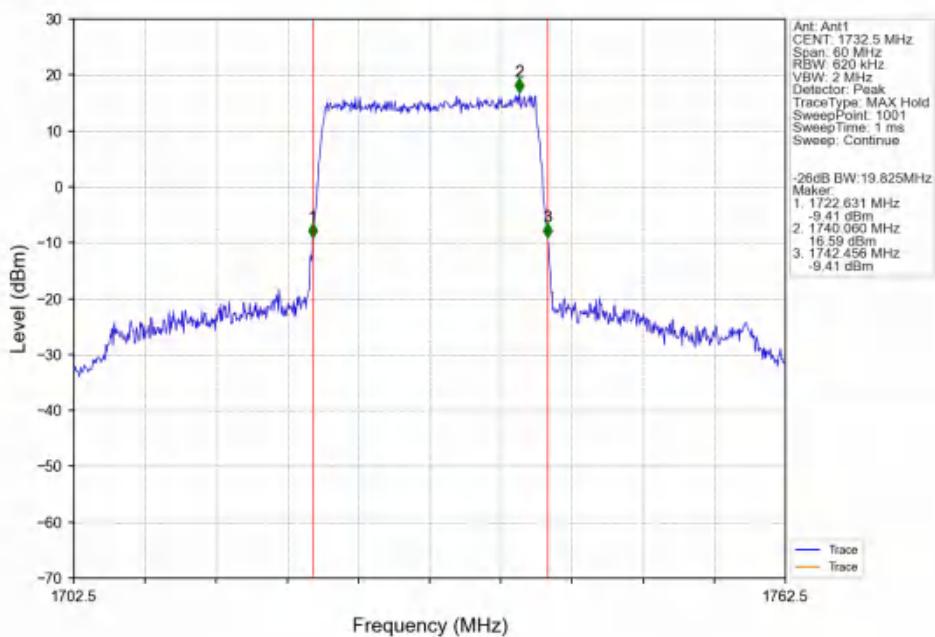
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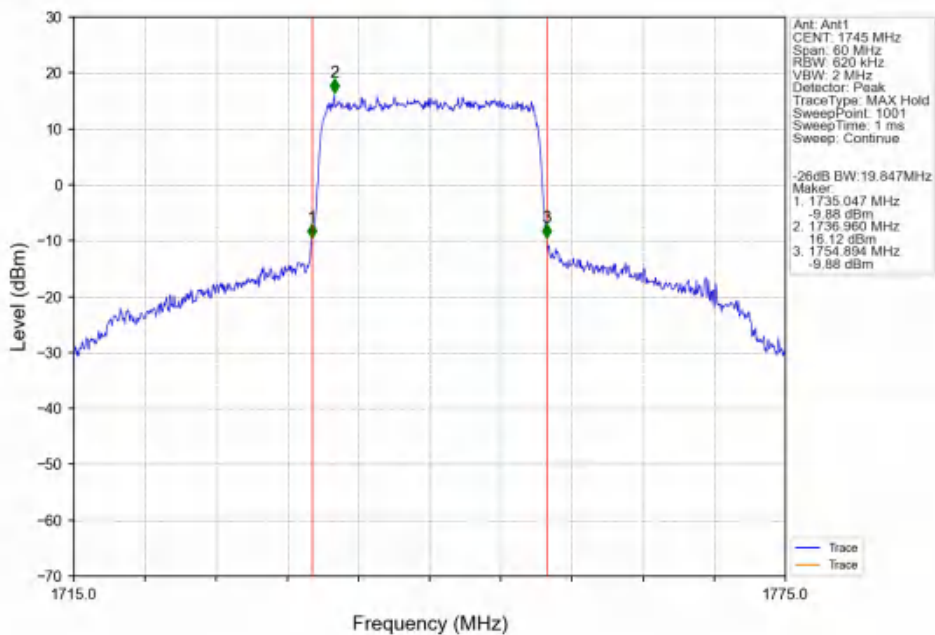
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



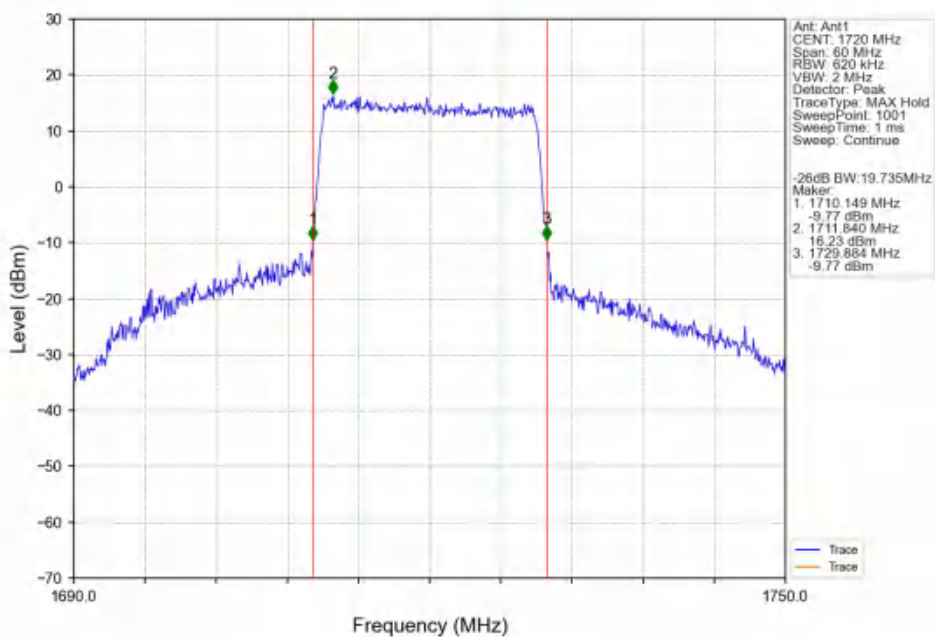
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



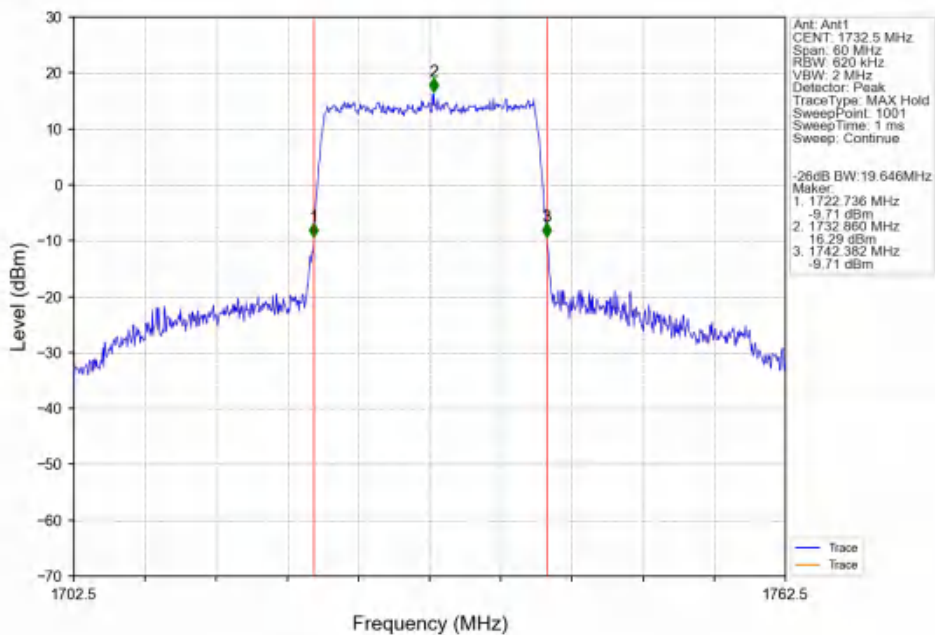
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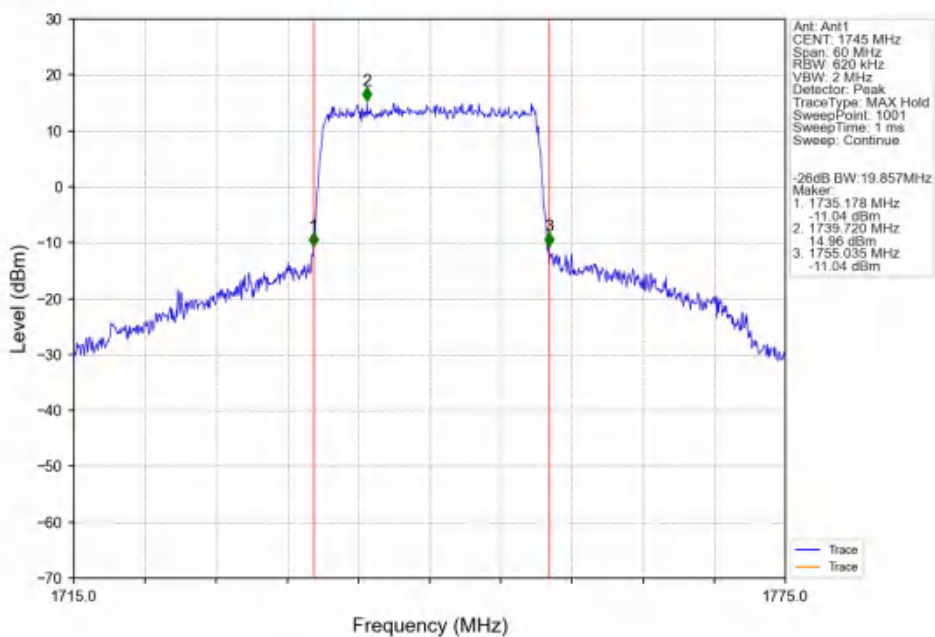
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



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	2.84	<=13	Pass
	1732.5	6	0	5.36	<=13	Pass
	1754.3	6	0	2.77	<=13	Pass
16QAM	1710.7	6	0	3.87	<=13	Pass
	1732.5	6	0	6.29	<=13	Pass
	1754.3	6	0	3.80	<=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	3.35	<=13	Pass
	1732.5	15	0	5.37	<=13	Pass
	1753.5	15	0	2.53	<=13	Pass
16QAM	1711.5	15	0	4.02	<=13	Pass
	1732.5	15	0	6.25	<=13	Pass
	1753.5	15	0	3.68	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.39	<=13	Pass
	1732.5	25	0	5.67	<=13	Pass
	1752.5	25	0	3.79	<=13	Pass
16QAM	1712.5	25	0	5.14	<=13	Pass
	1732.5	25	0	6.38	<=13	Pass
	1752.5	25	0	4.57	<=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	4.76	<=13	Pass
	1732.5	50	0	5.57	<=13	Pass
	1750	50	0	3.99	<=13	Pass
16QAM	1715	50	0	5.53	<=13	Pass
	1732.5	50	0	6.36	<=13	Pass

	1750	50	0	4.77	<=13	Pass
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5.1.5 B4_15MHz

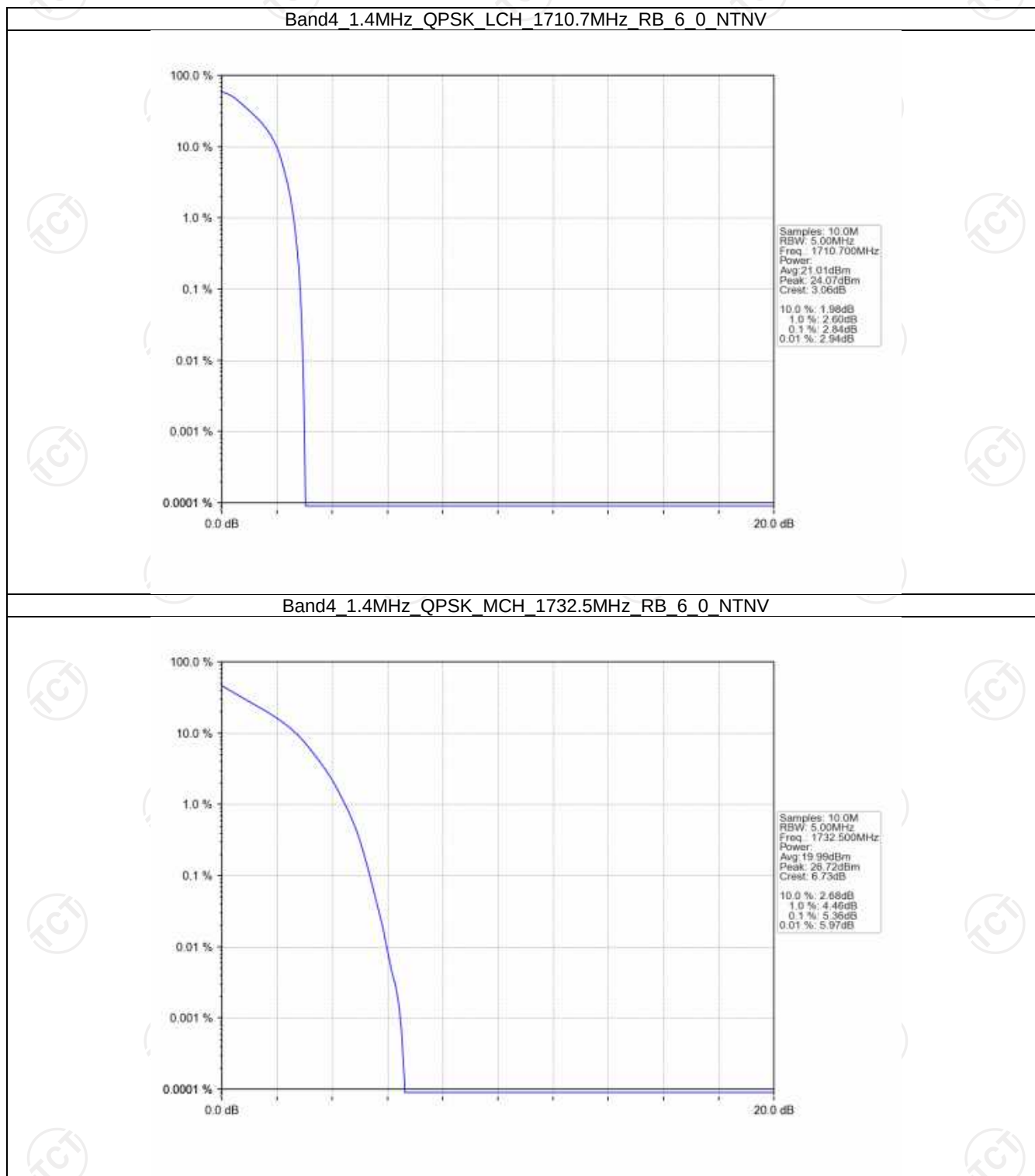
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.09	<=13	Pass
	1732.5	75	0	5.71	<=13	Pass
	1747.5	75	0	3.80	<=13	Pass
16QAM	1717.5	75	0	5.79	<=13	Pass
	1732.5	75	0	6.34	<=13	Pass
	1747.5	75	0	4.64	<=13	Pass

5.1.6 B4_20MHz

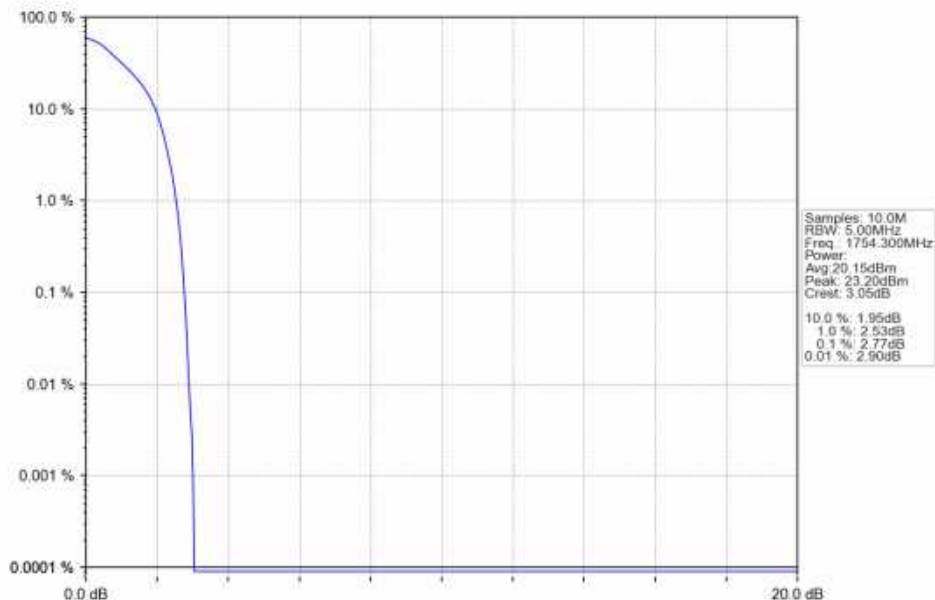
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.31	<=13	Pass
	1732.5	100	0	5.48	<=13	Pass
	1745	100	0	4.41	<=13	Pass
16QAM	1720	100	0	6.03	<=13	Pass
	1732.5	100	0	6.24	<=13	Pass
	1745	100	0	5.23	<=13	Pass

5.2 Test Graph

5.2.1 B4_1.4MHz



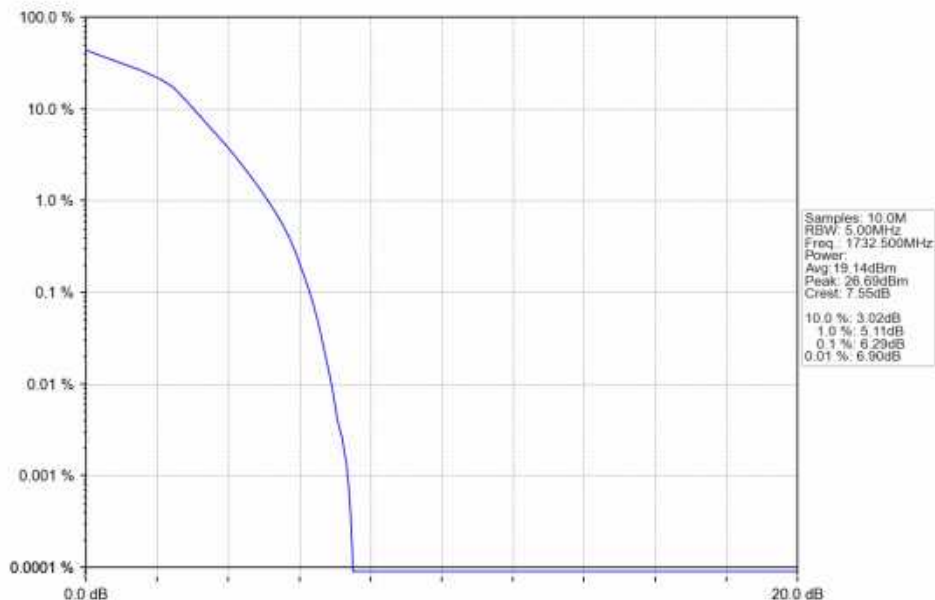
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



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



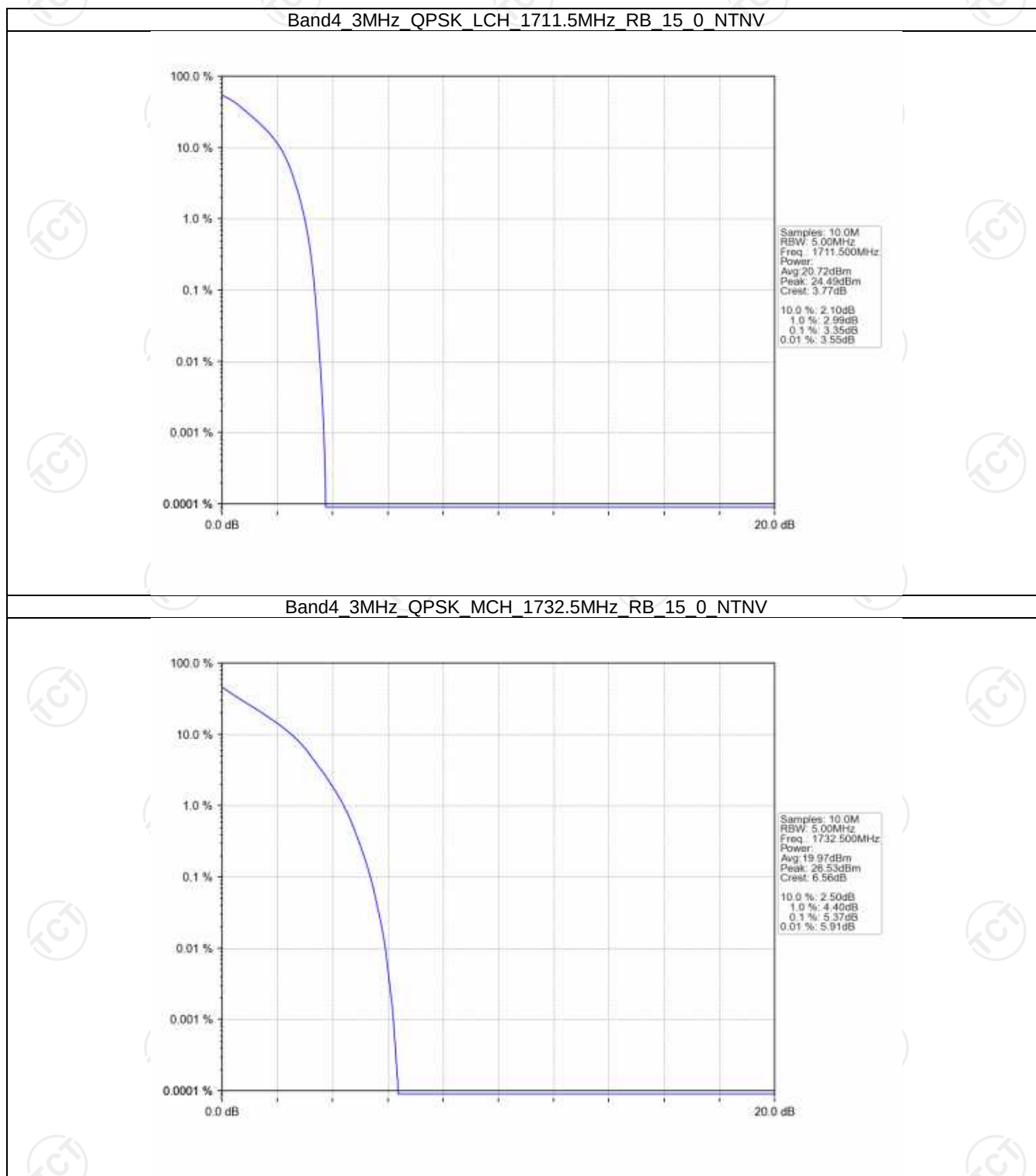
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



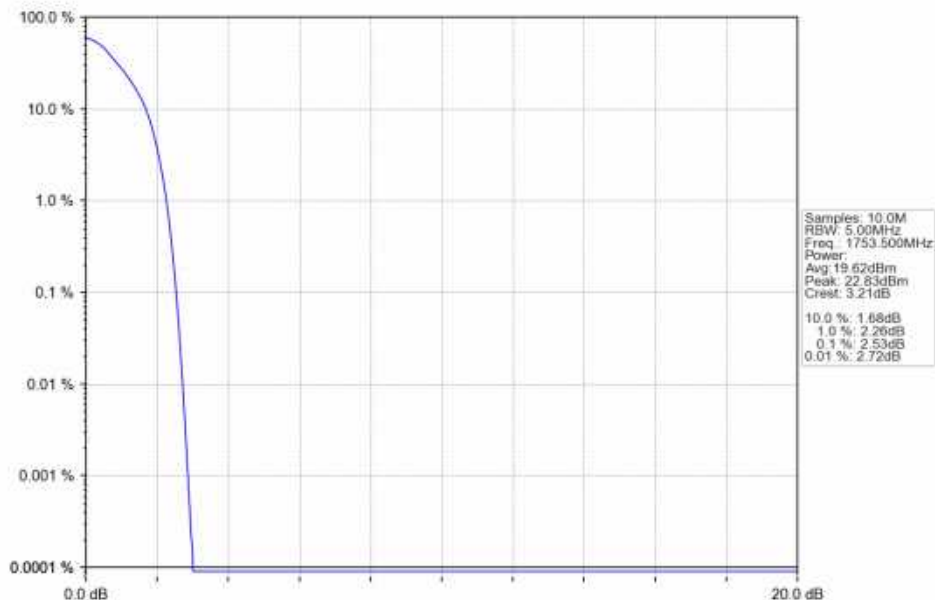
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



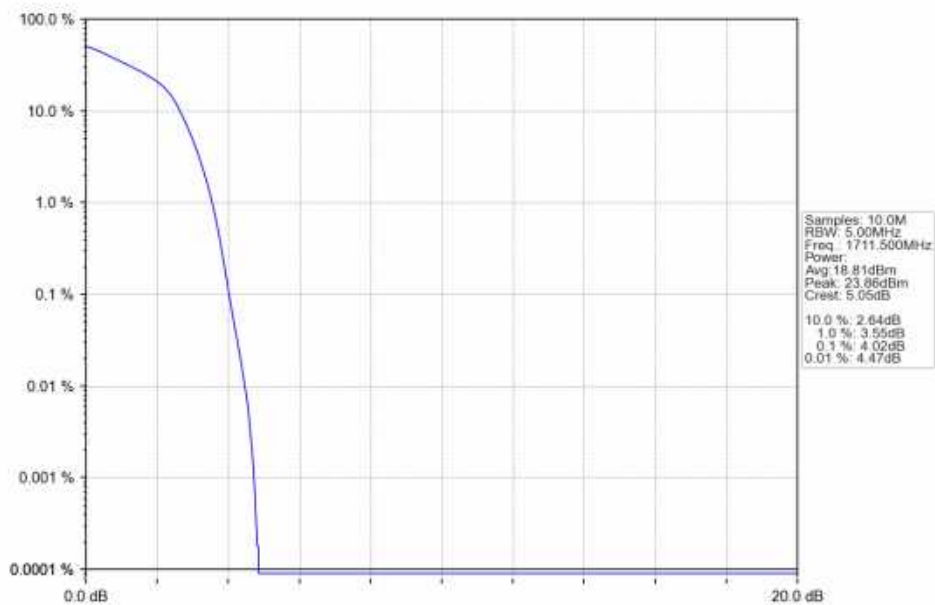
5.2.2 B4_3MHz



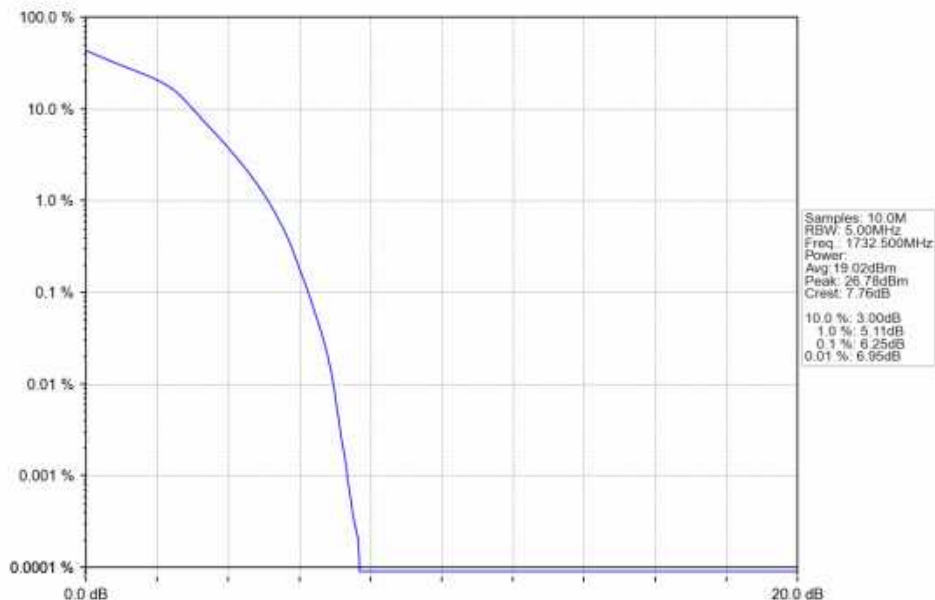
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



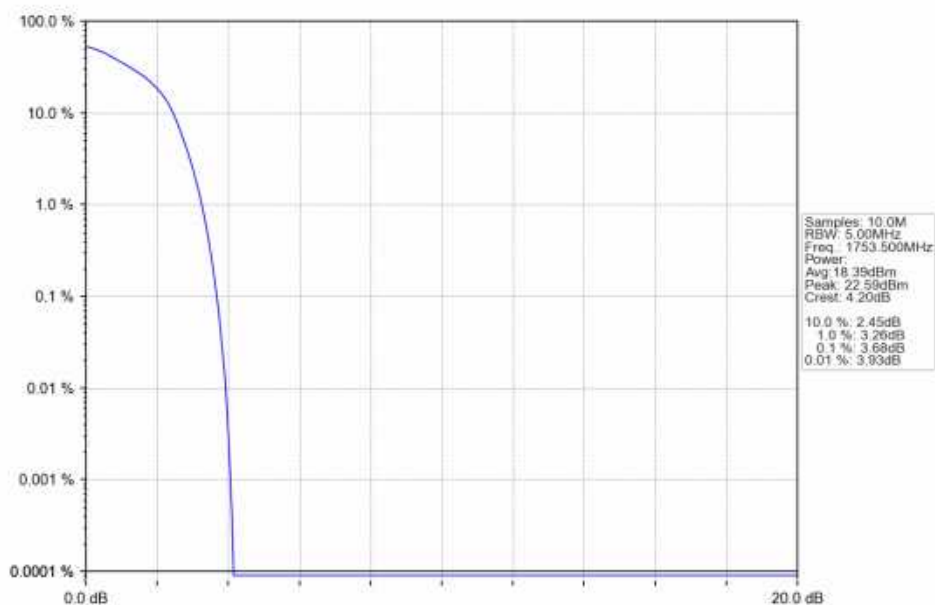
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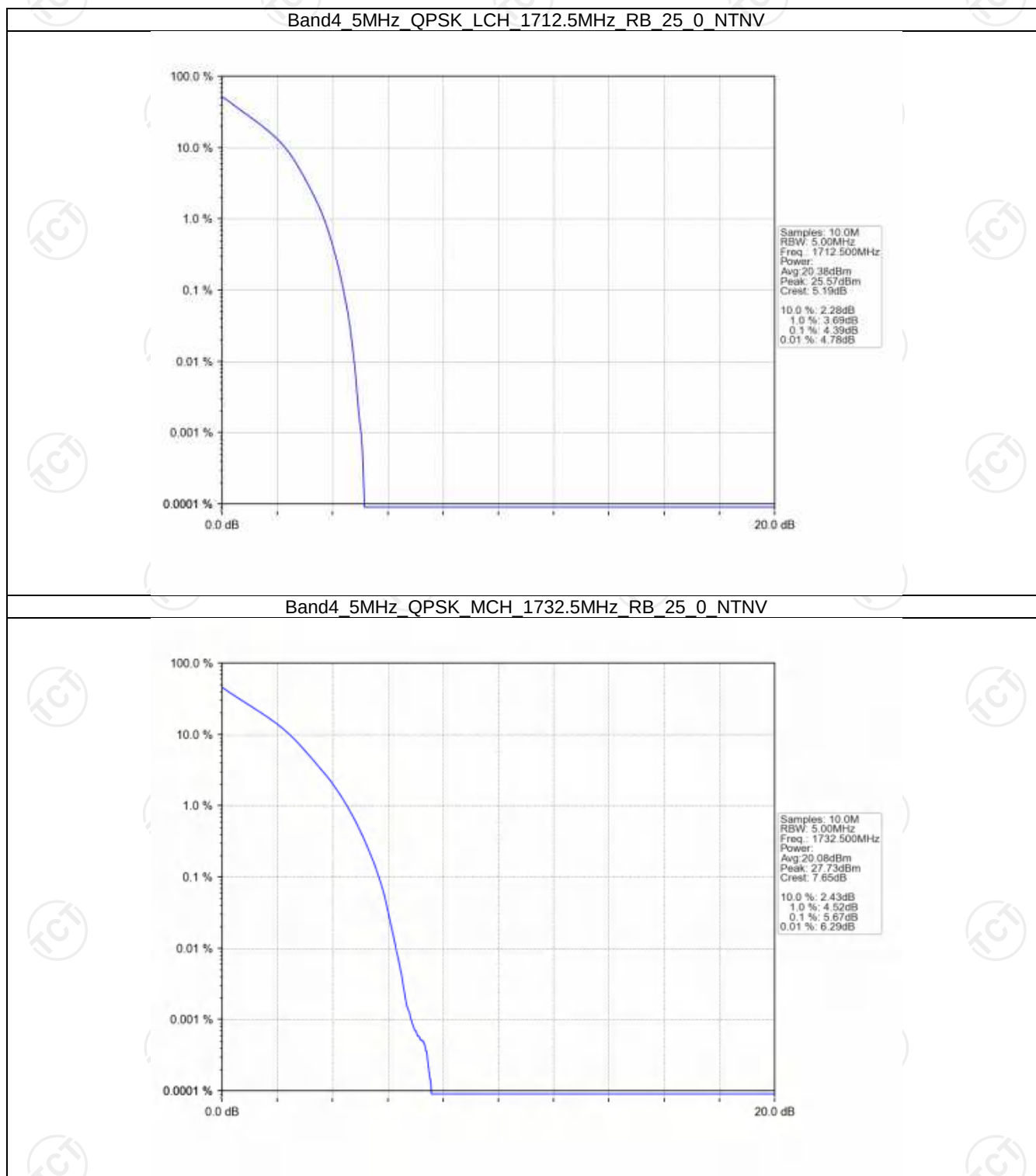
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



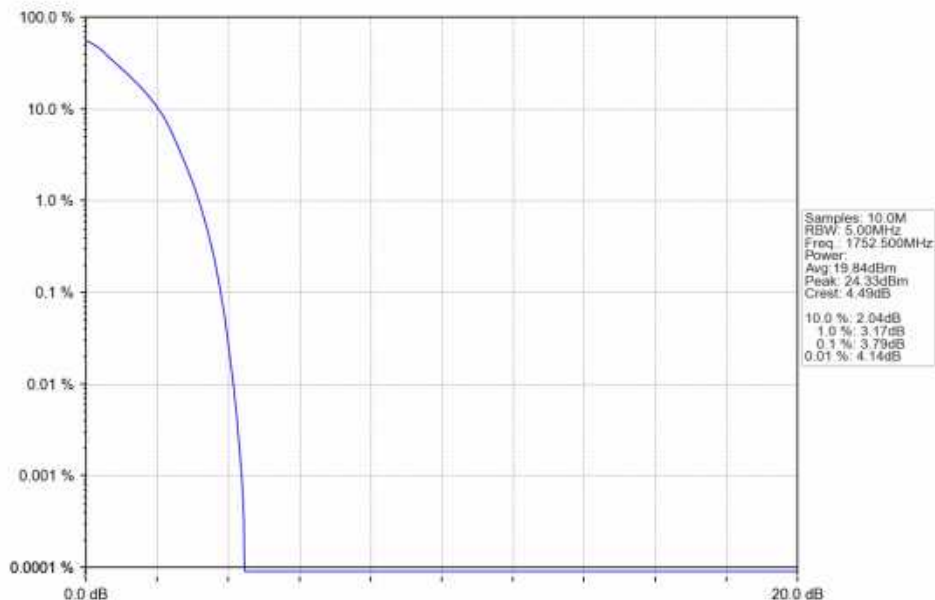
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



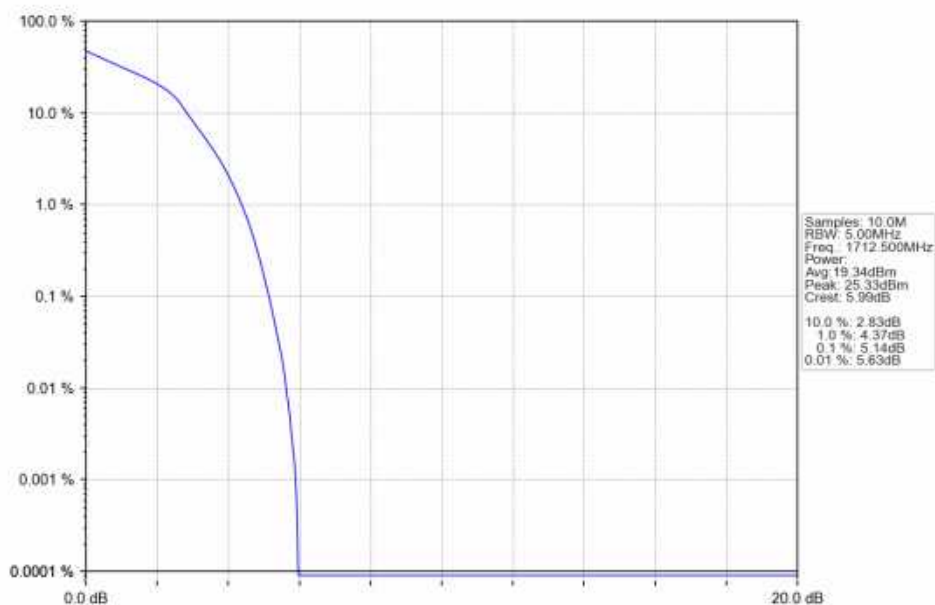
5.2.3 B4_5MHz



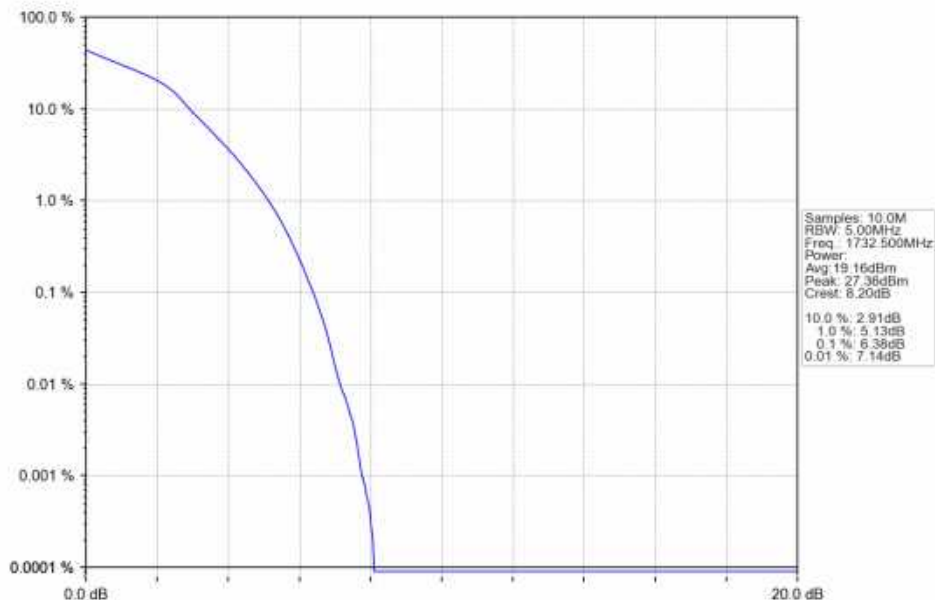
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



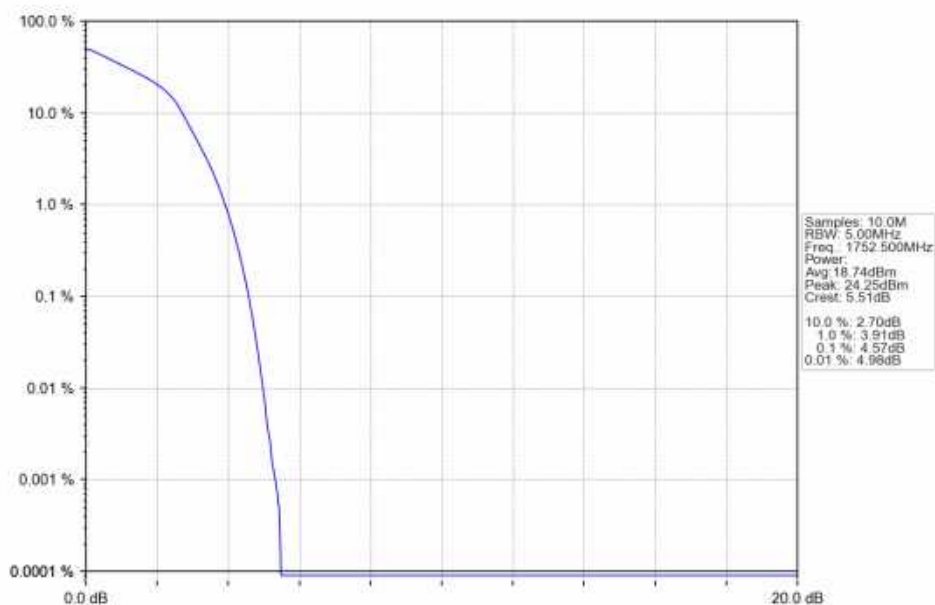
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



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

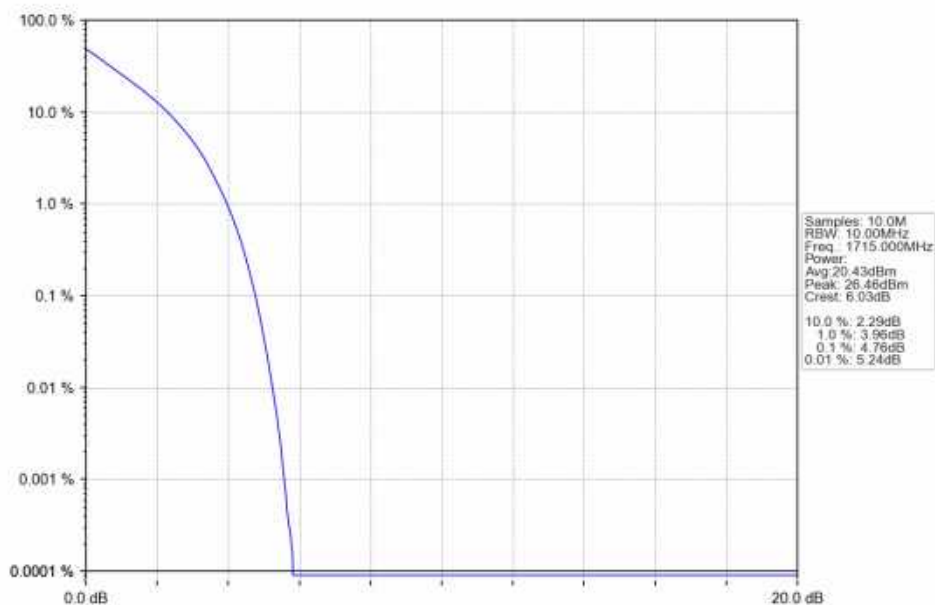


Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

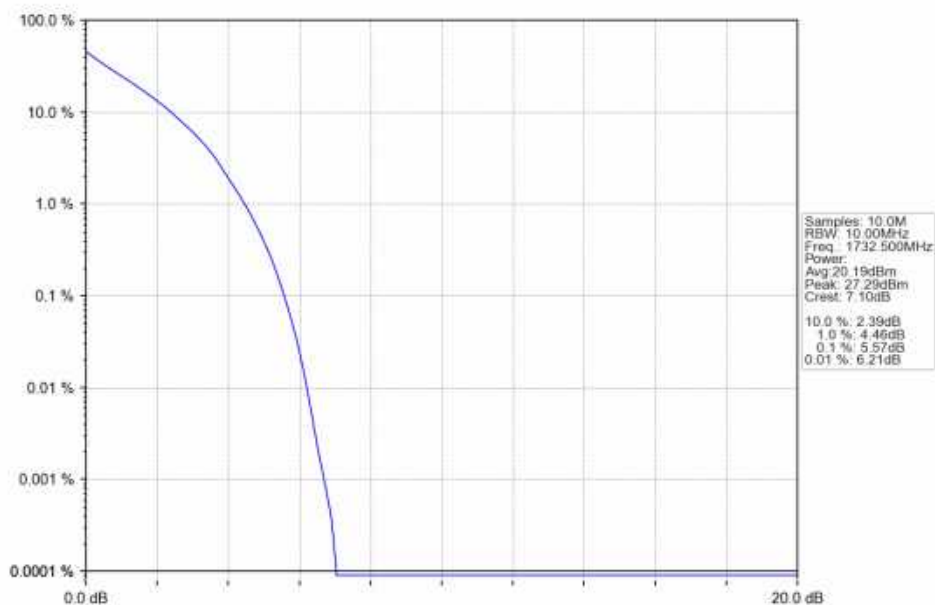


5.2.4 B4_10MHz

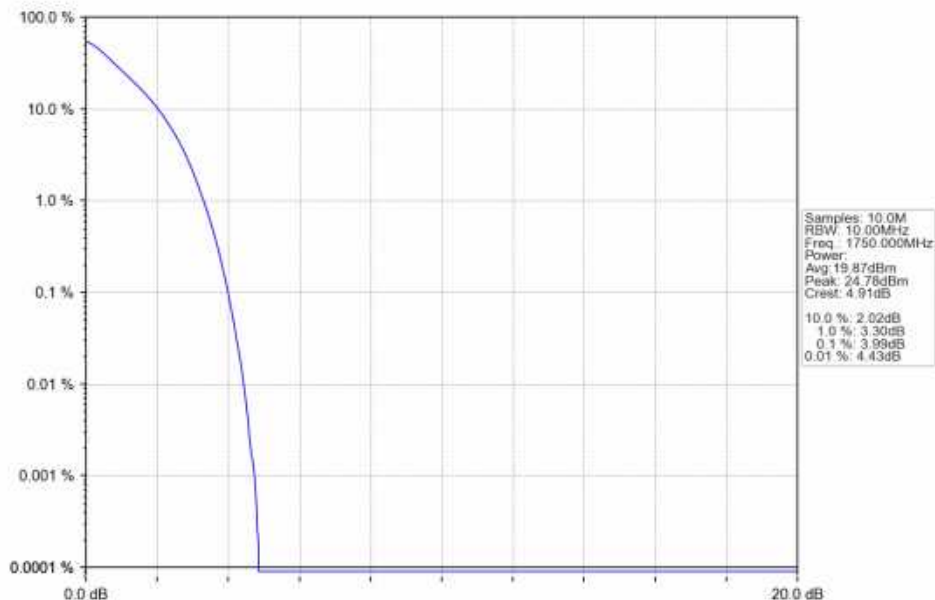
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



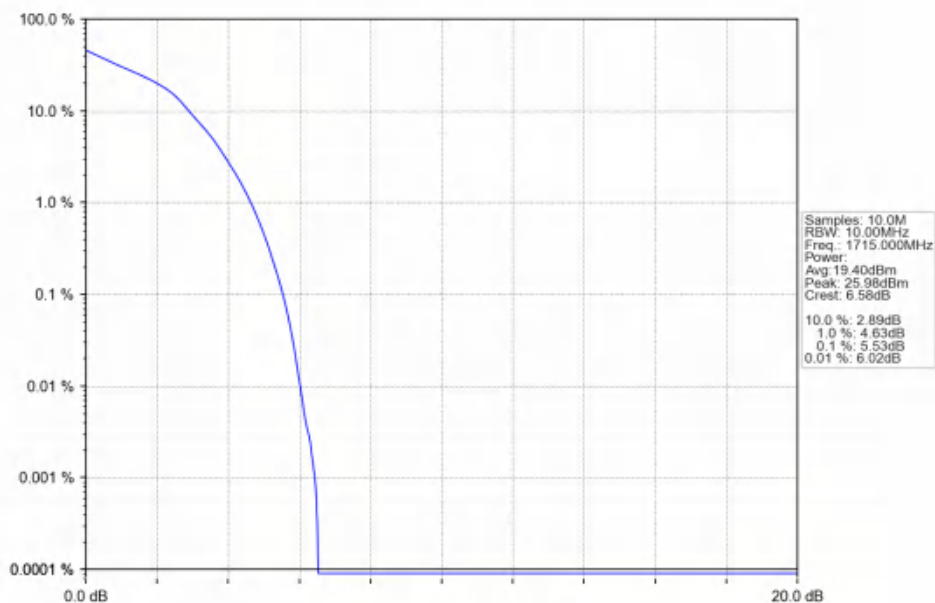
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



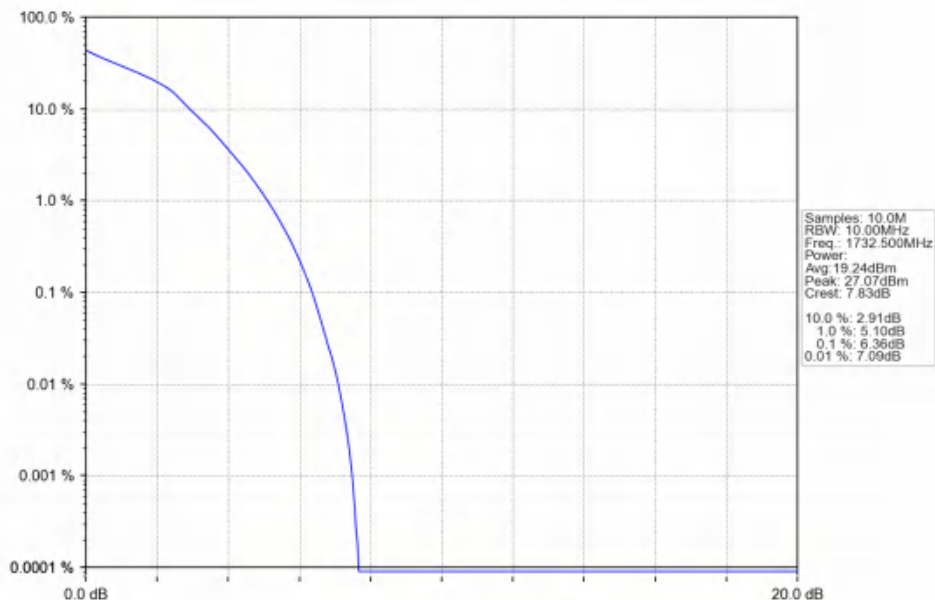
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



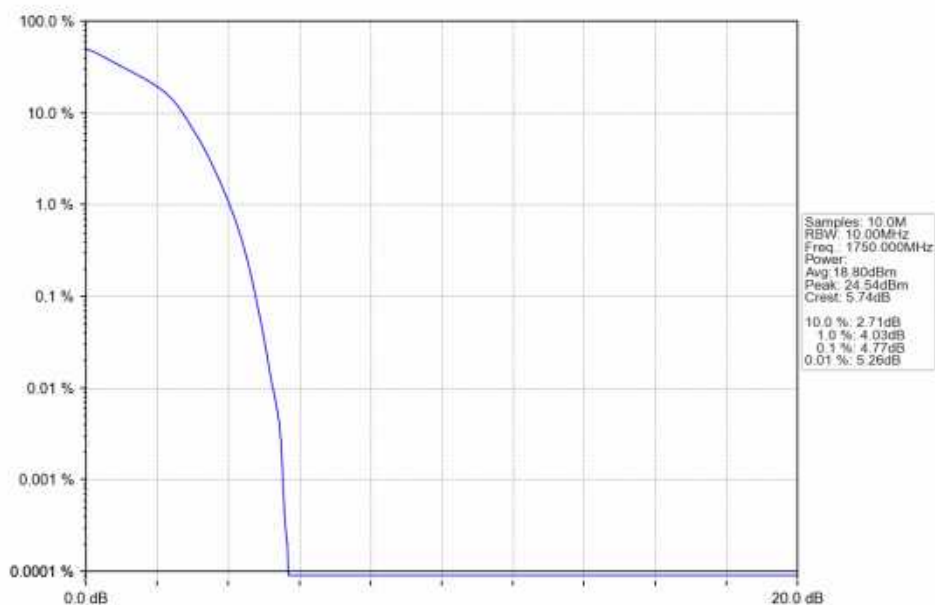
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



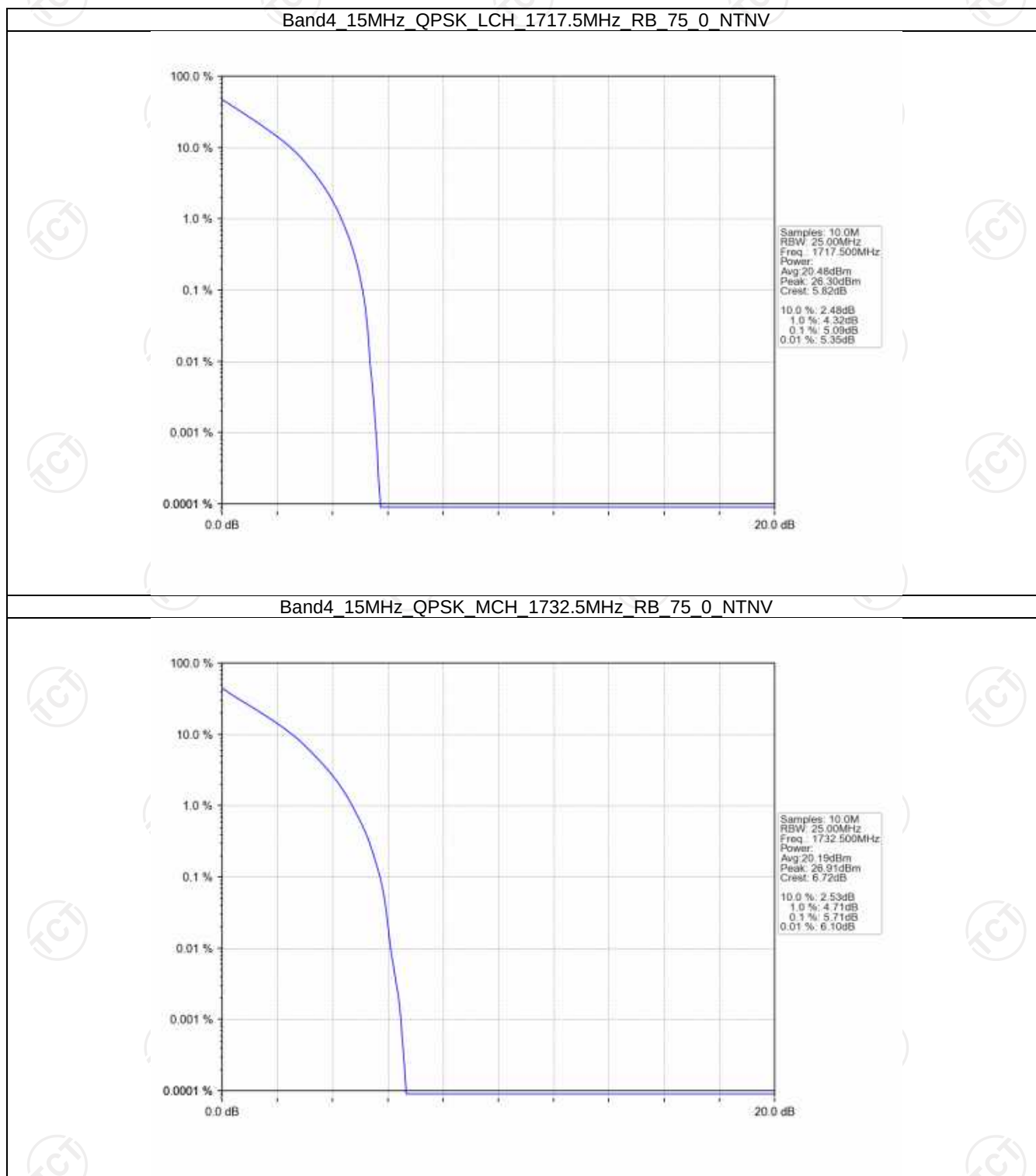
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



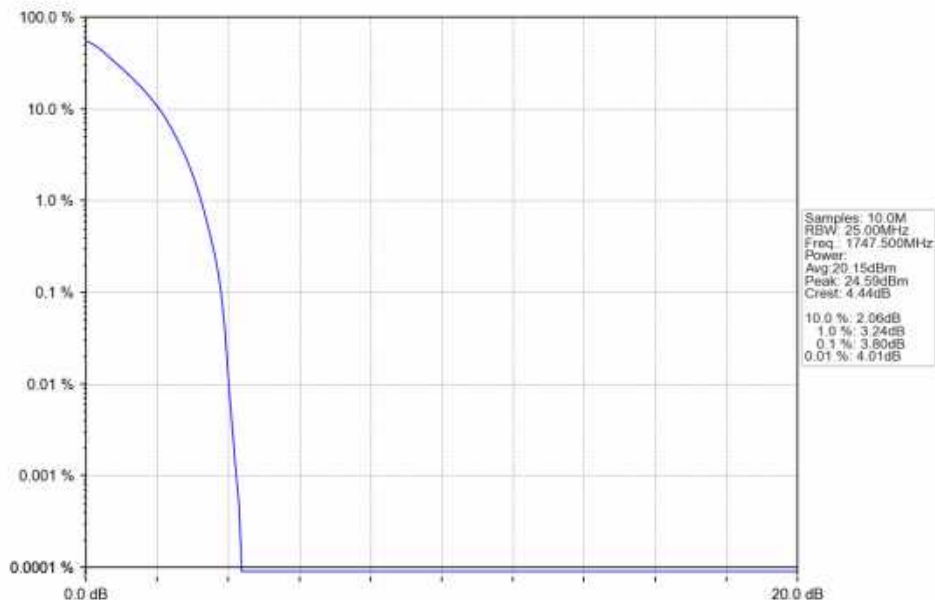
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



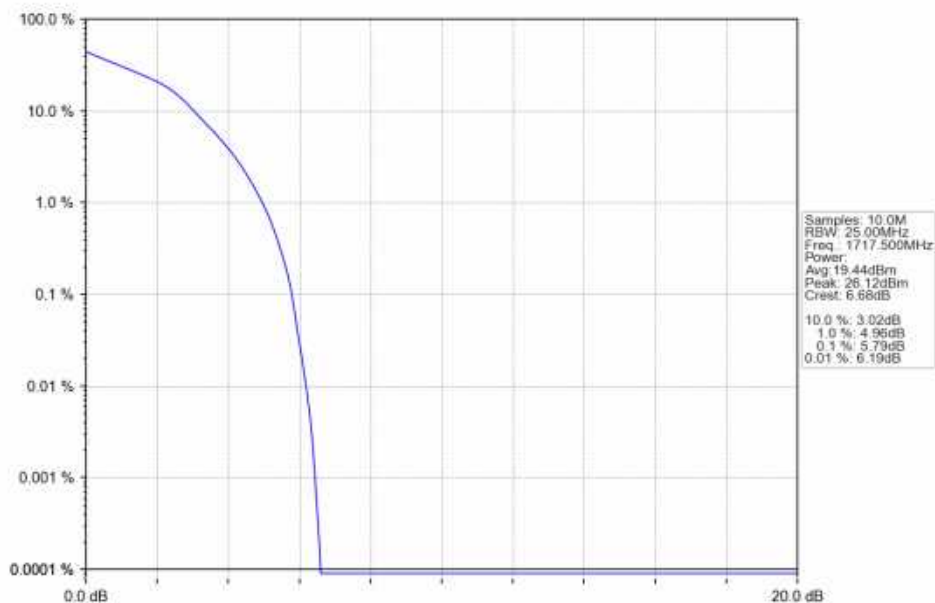
5.2.5 B4_15MHz



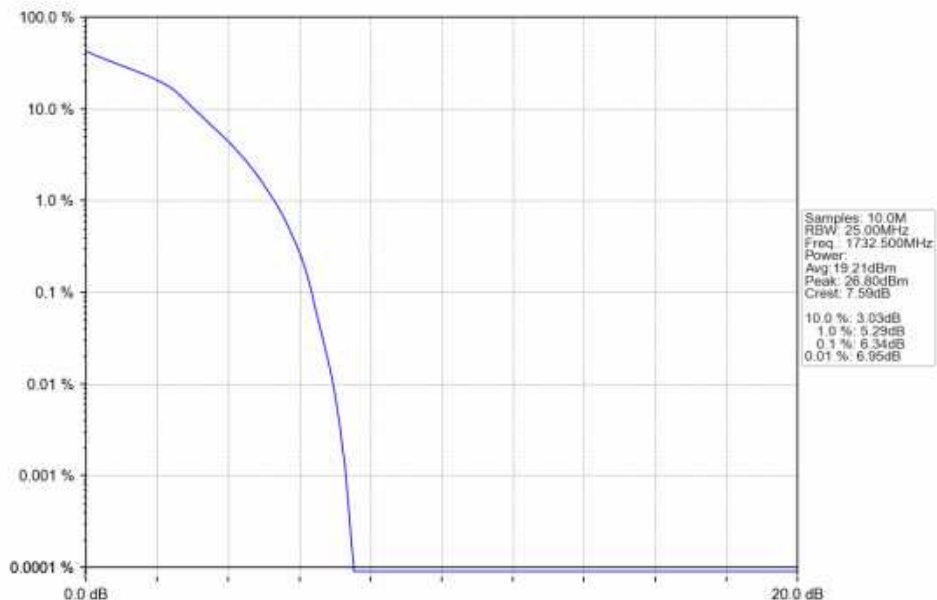
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



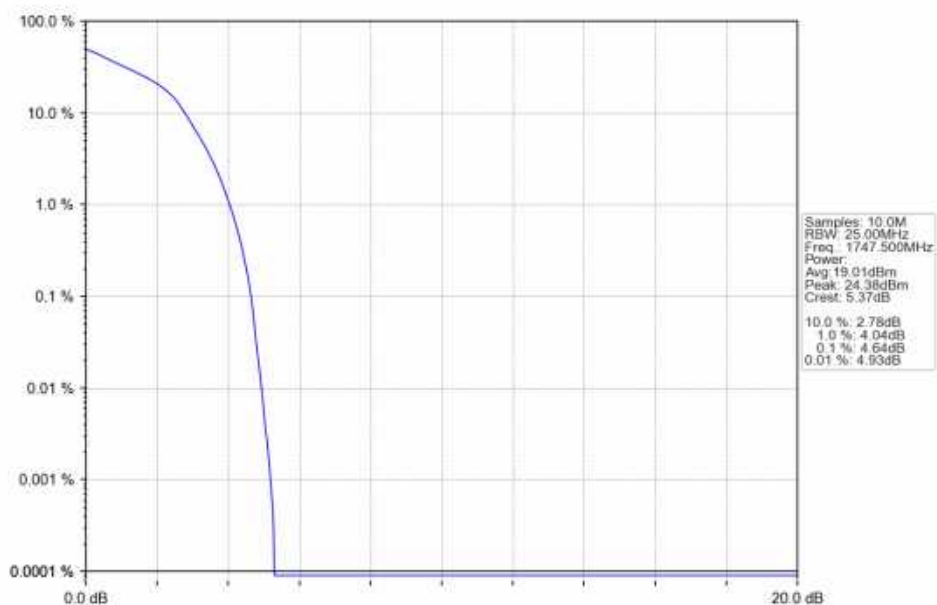
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV



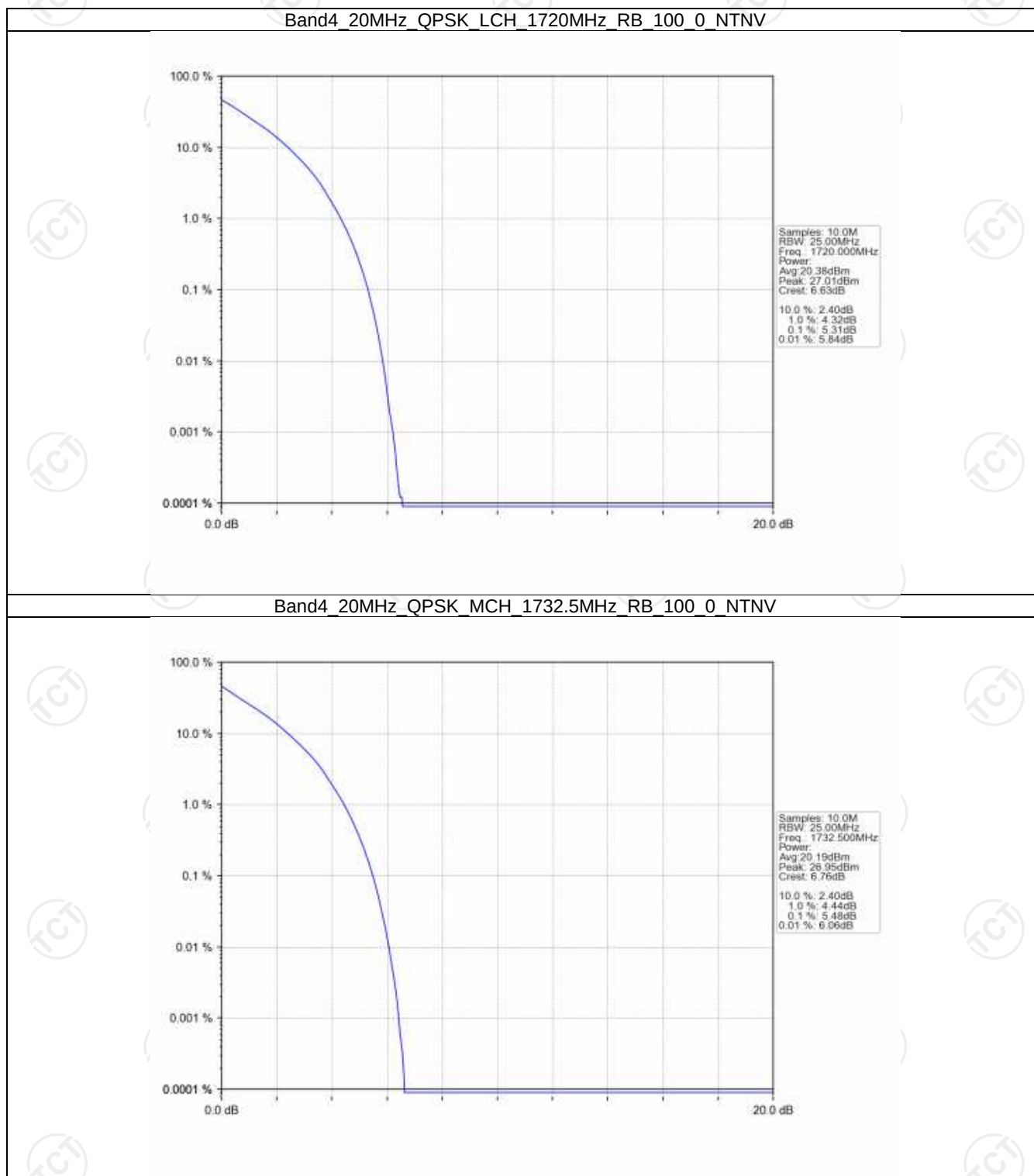
Band4 15MHz 16QAM MCH 1732.5MHz RB 75.0 NTNV



Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



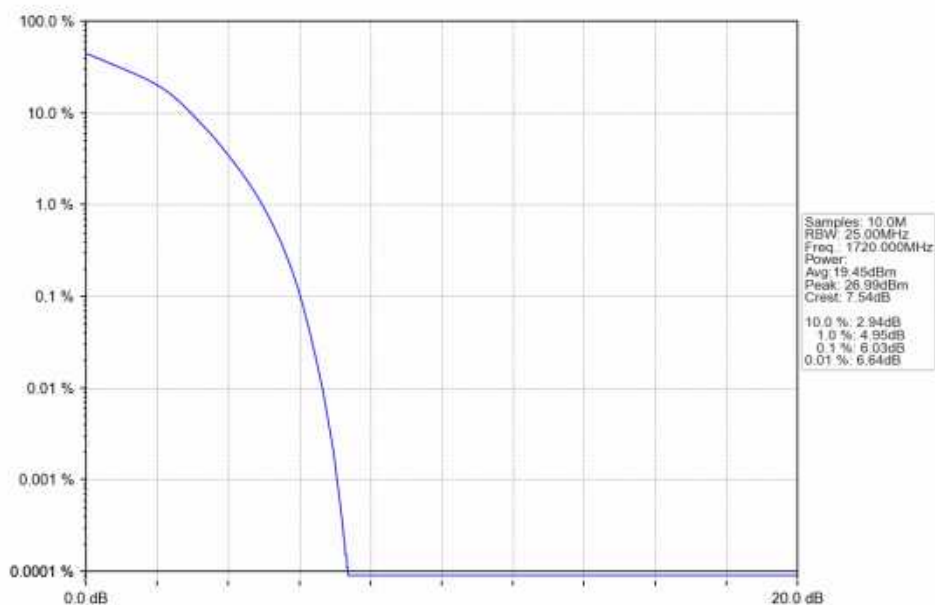
5.2.6 B4_20MHz



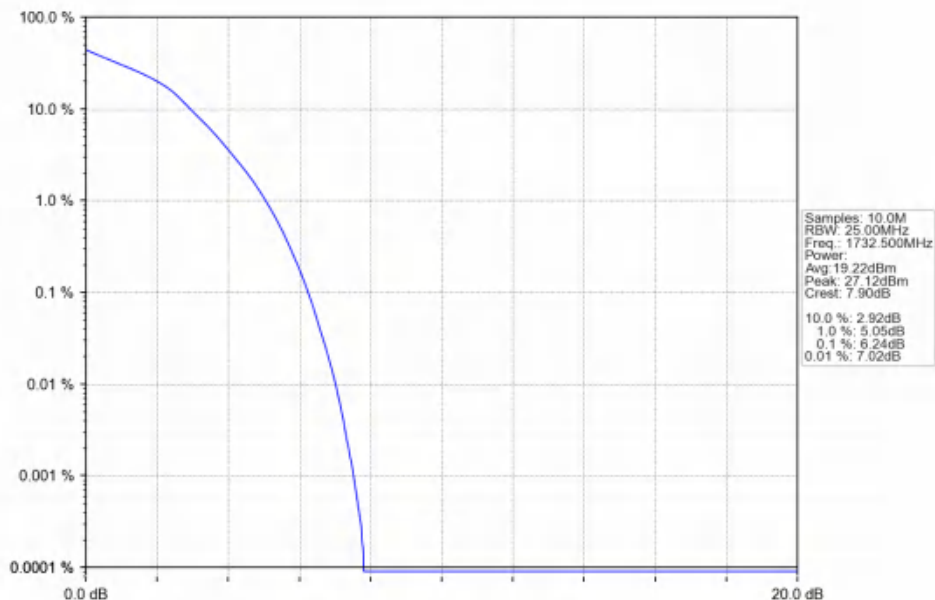
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



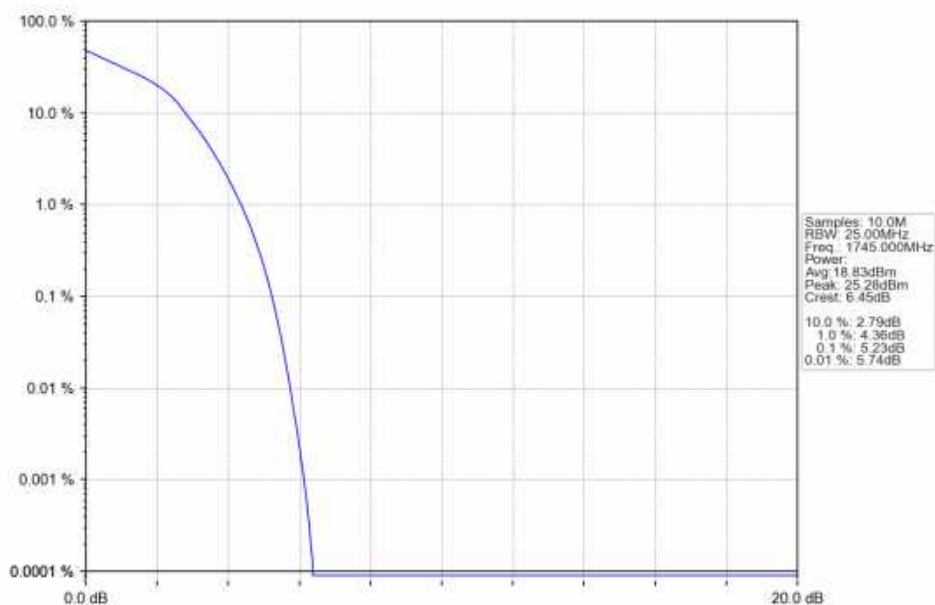
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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 / NTV						
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

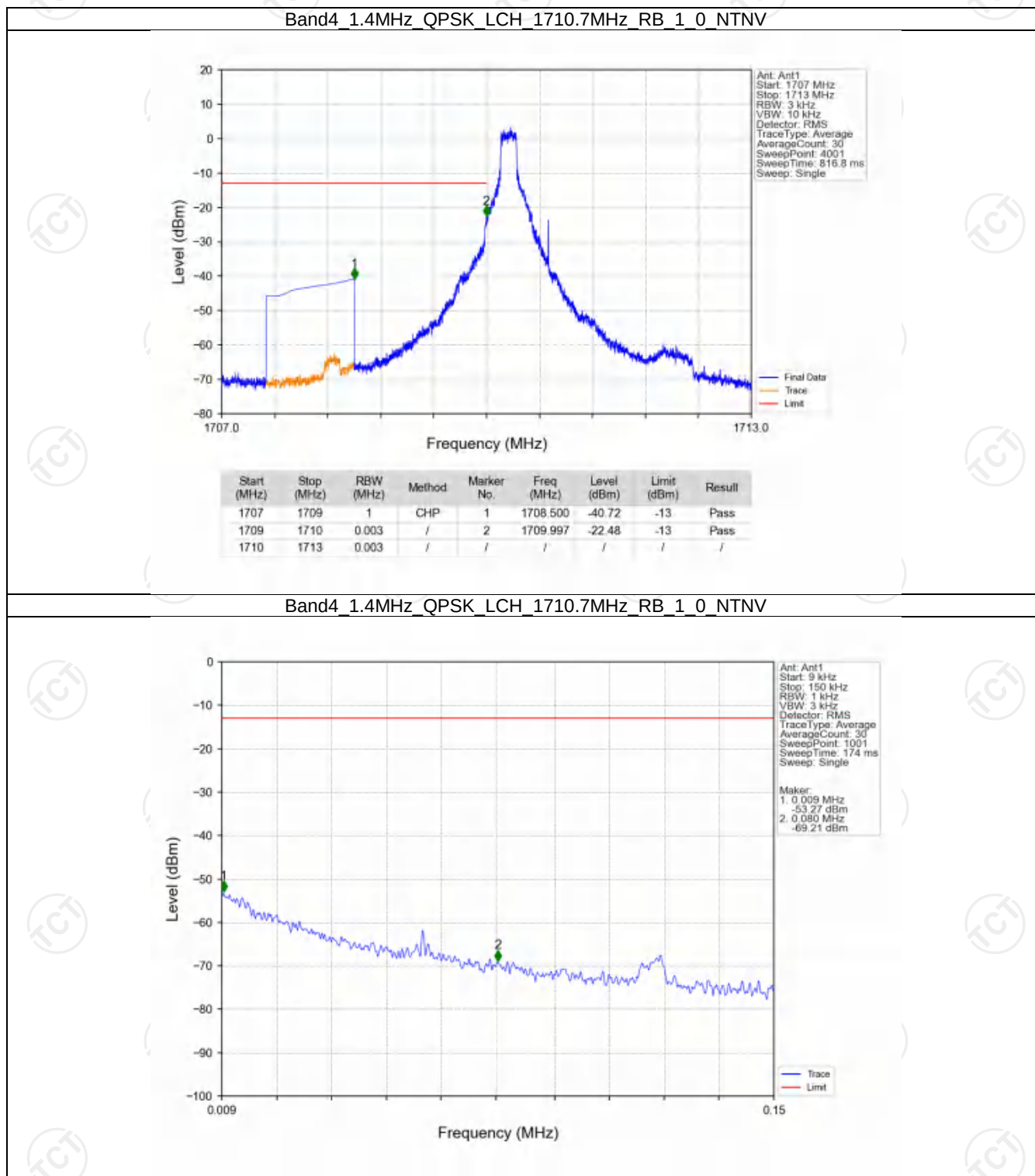
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

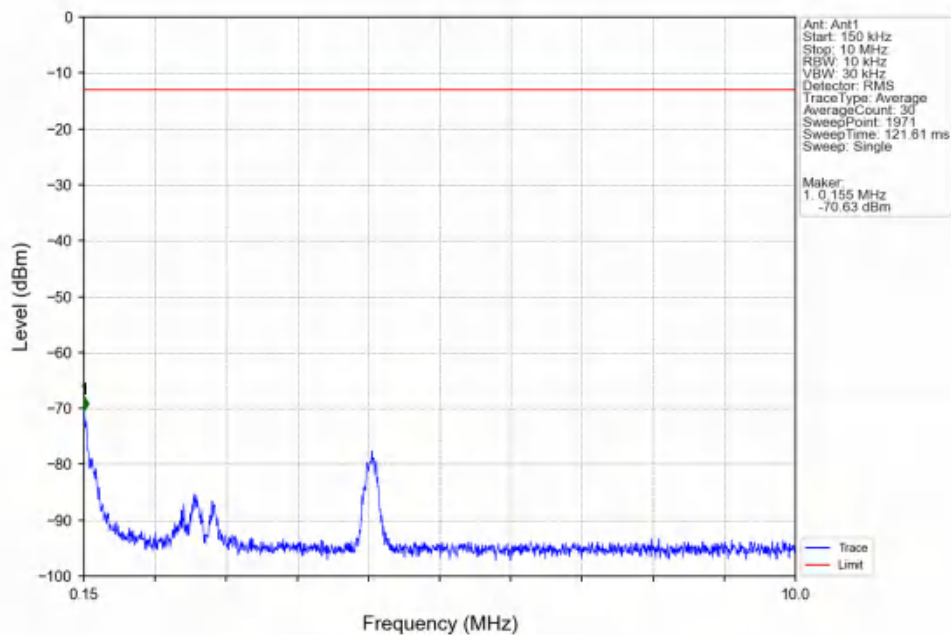


6.2 Test Graph

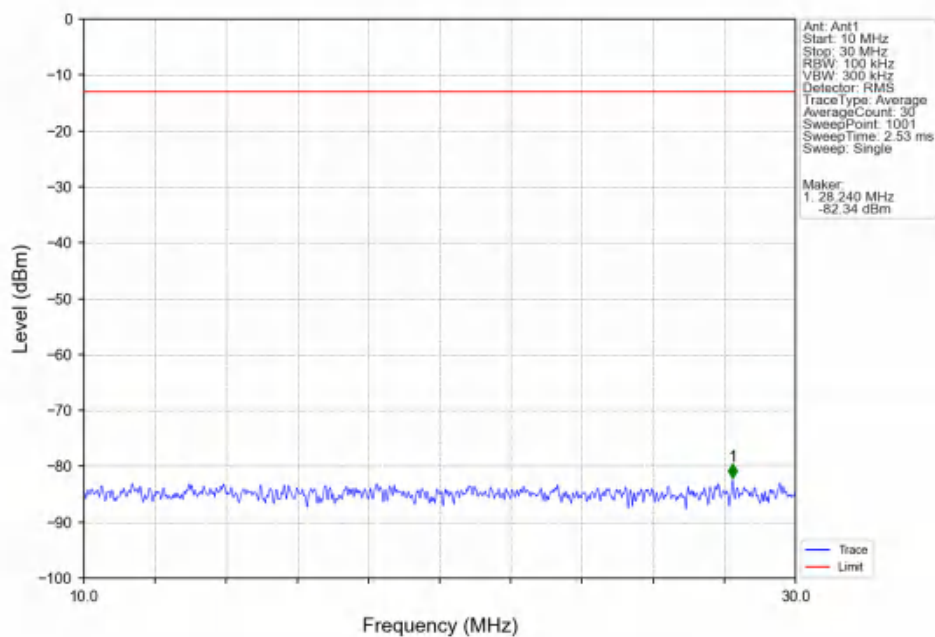
6.2.1 B4_1.4MHz



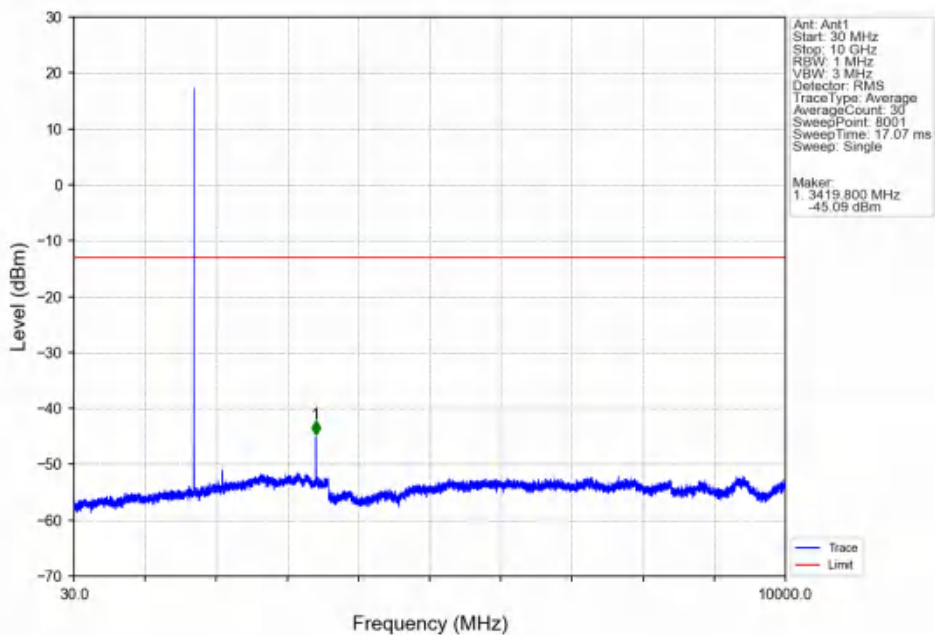
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



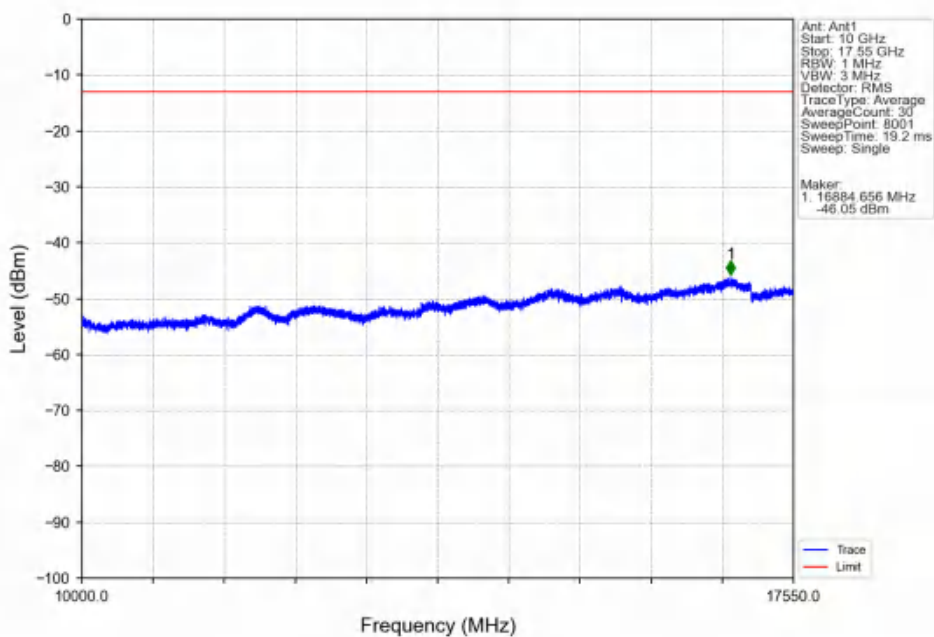
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



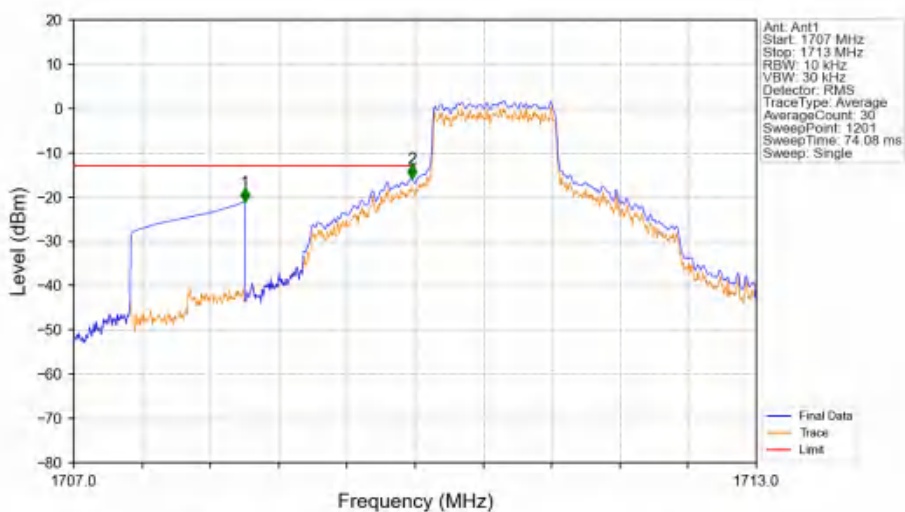
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



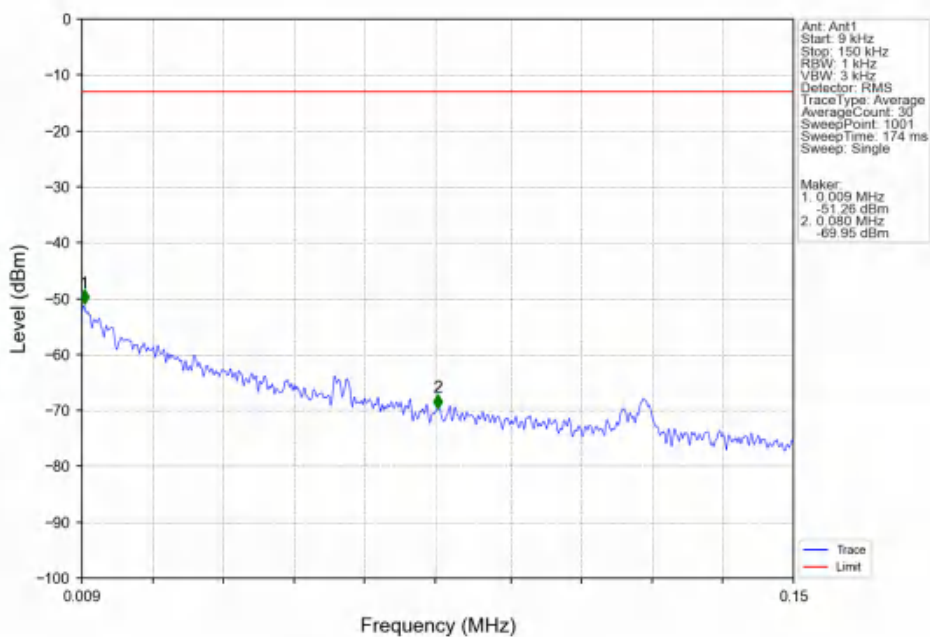
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



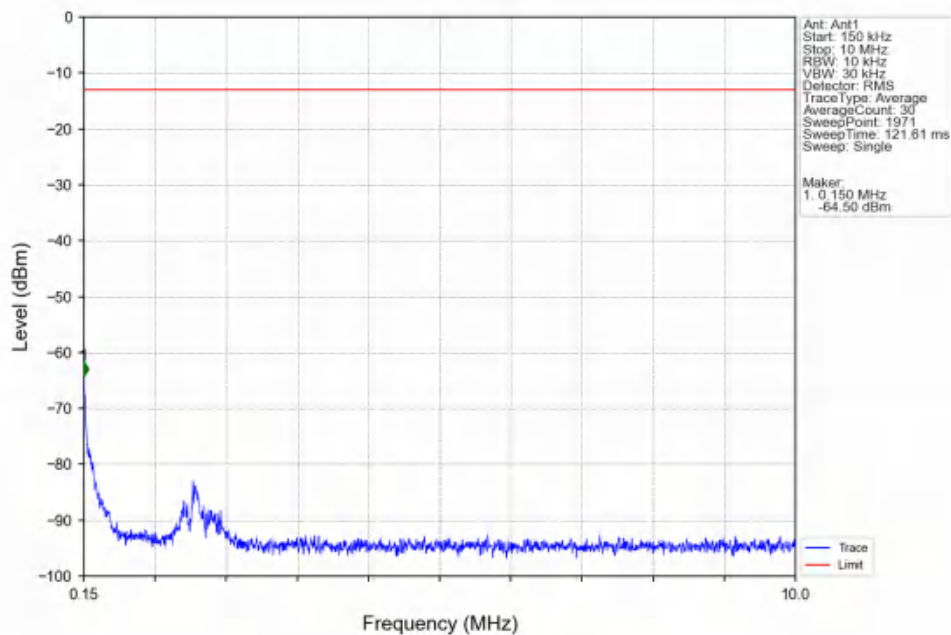
Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



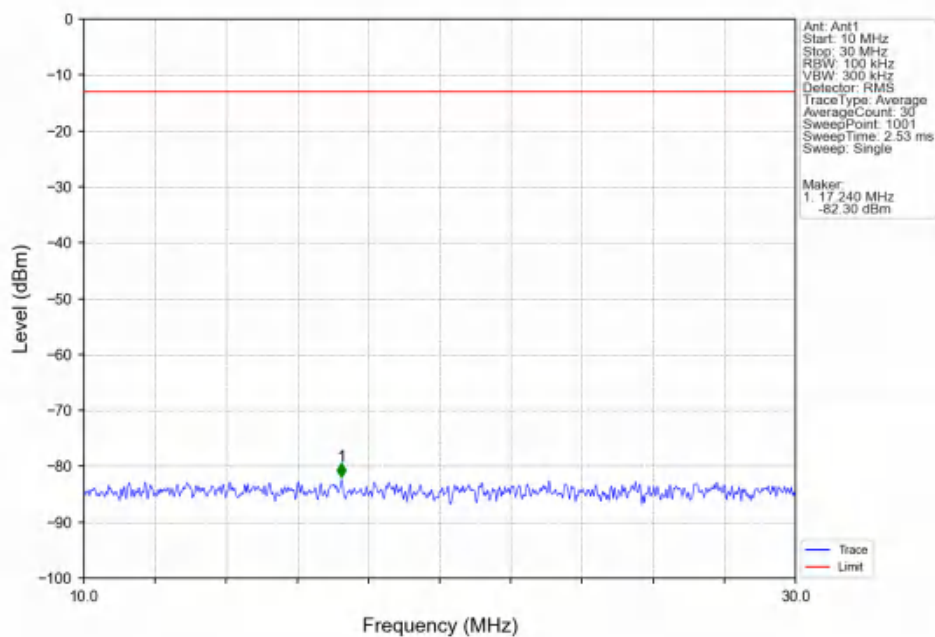
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



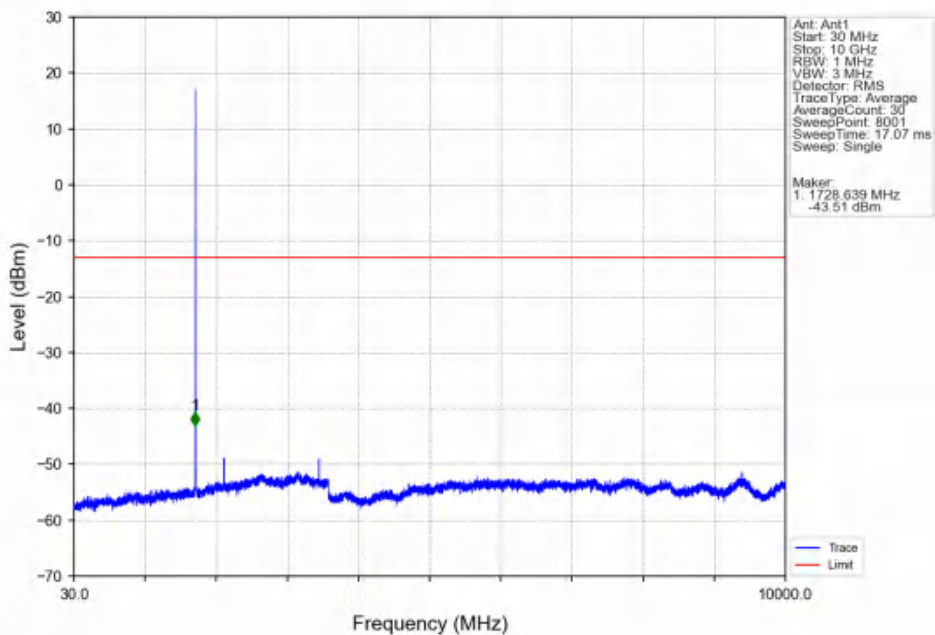
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



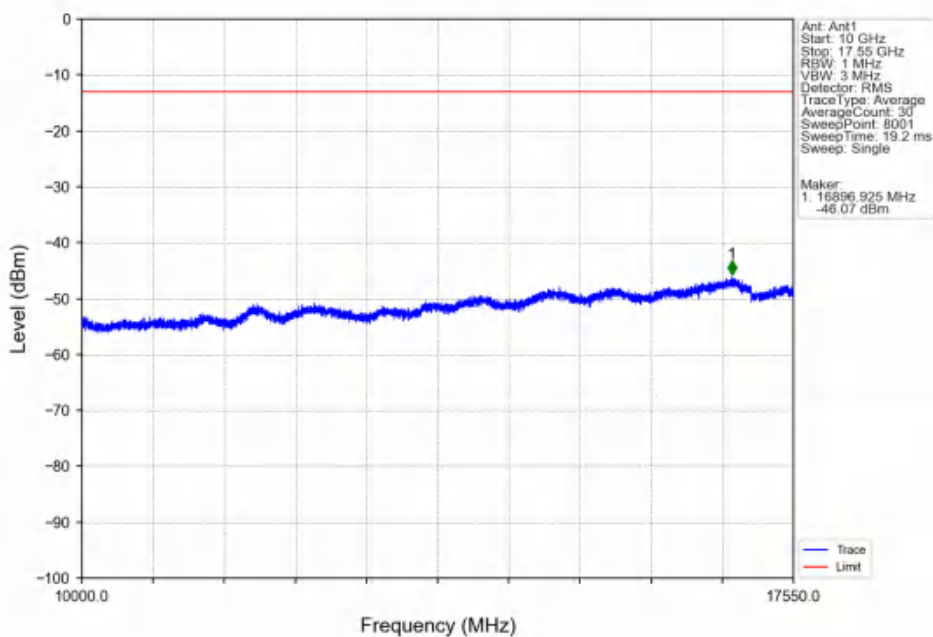
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



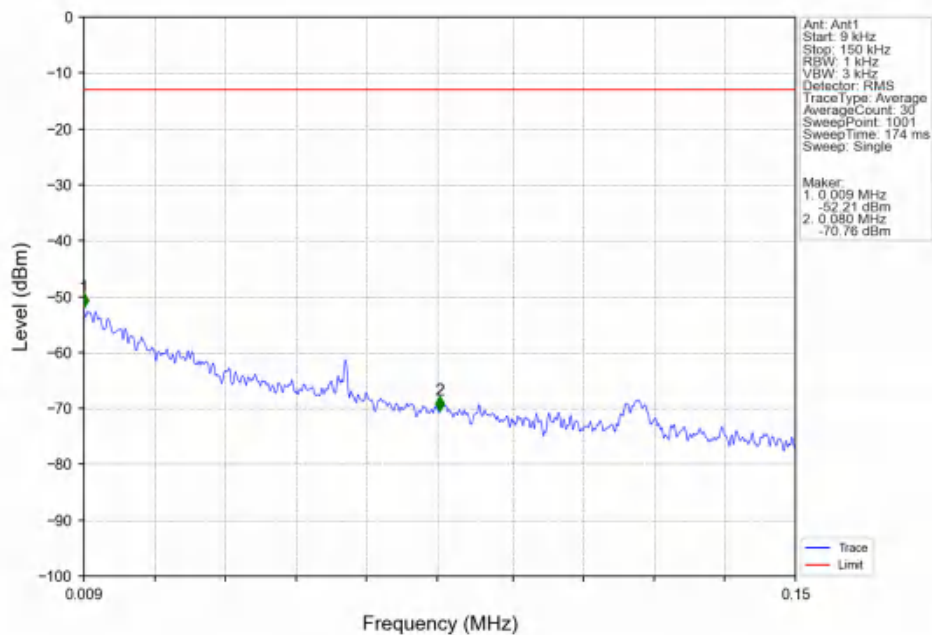
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



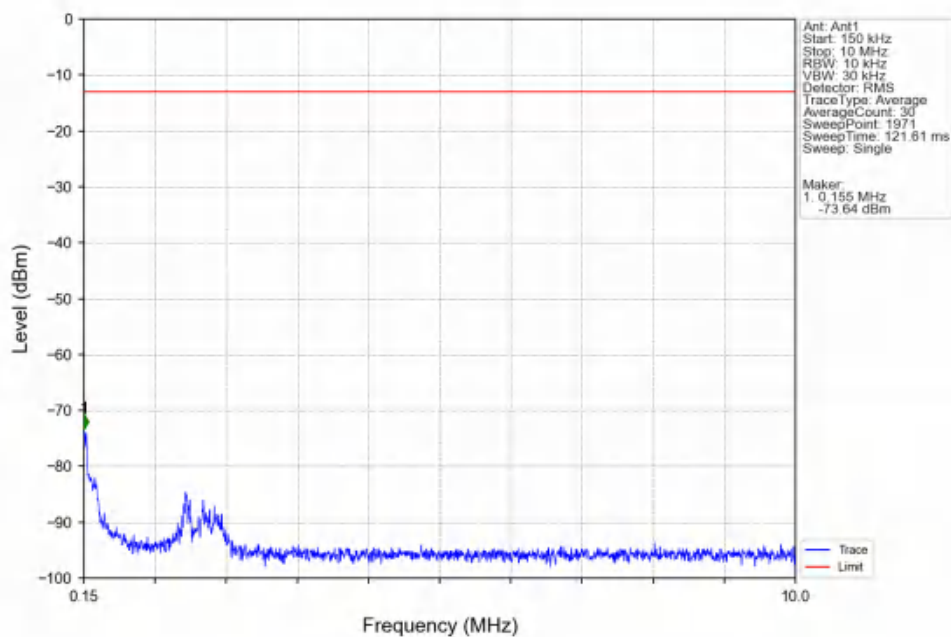
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



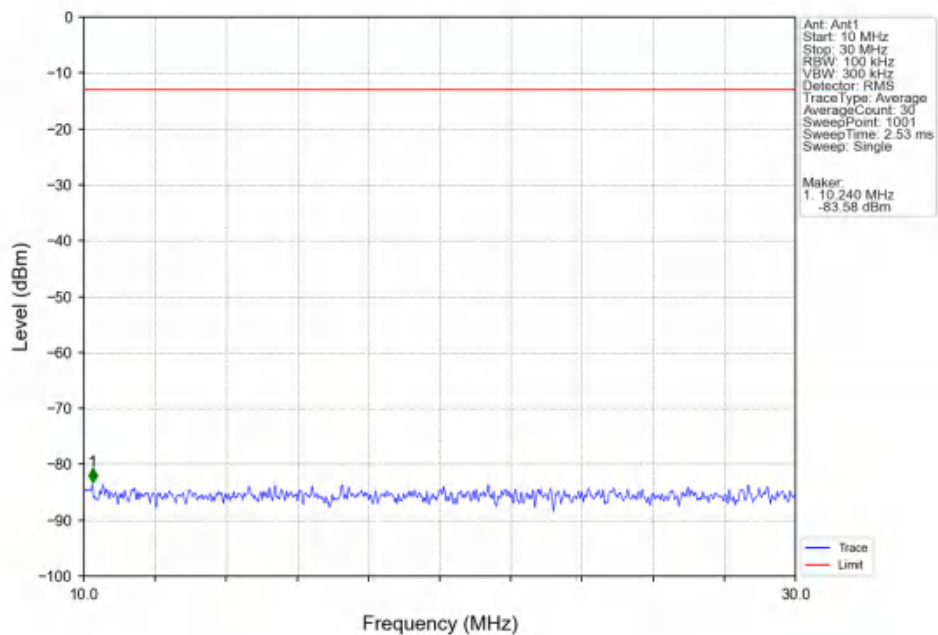
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



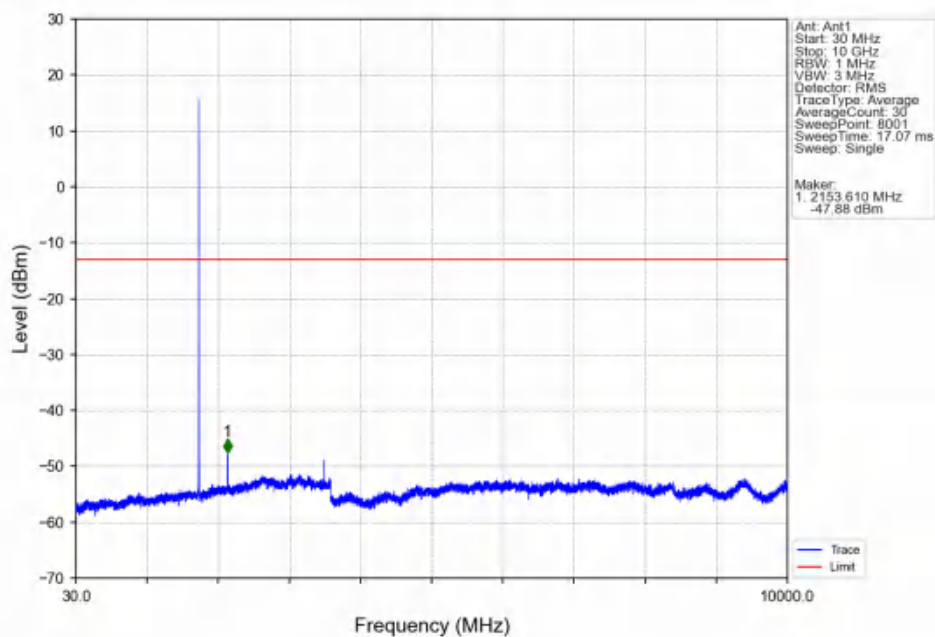
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



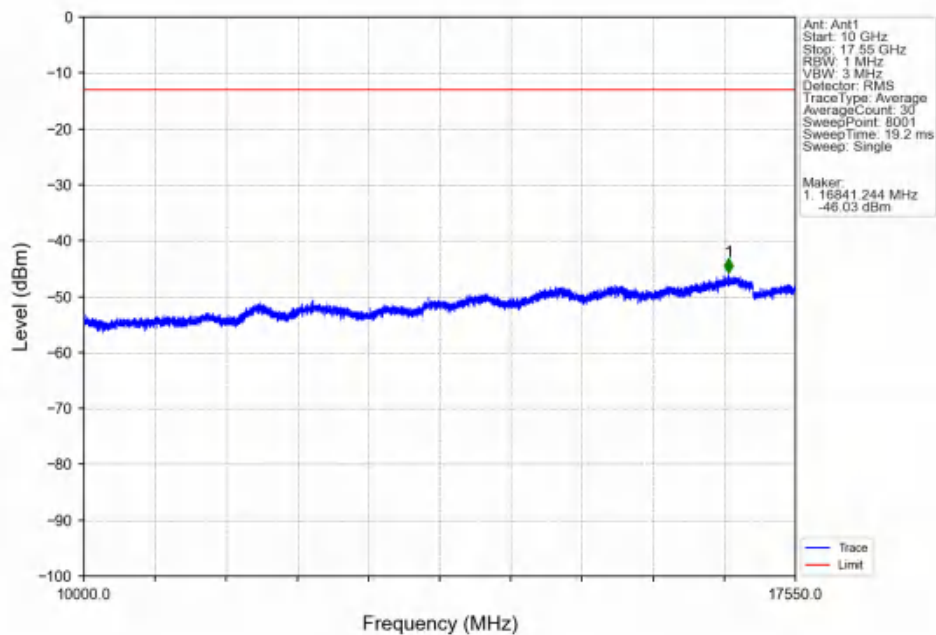
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



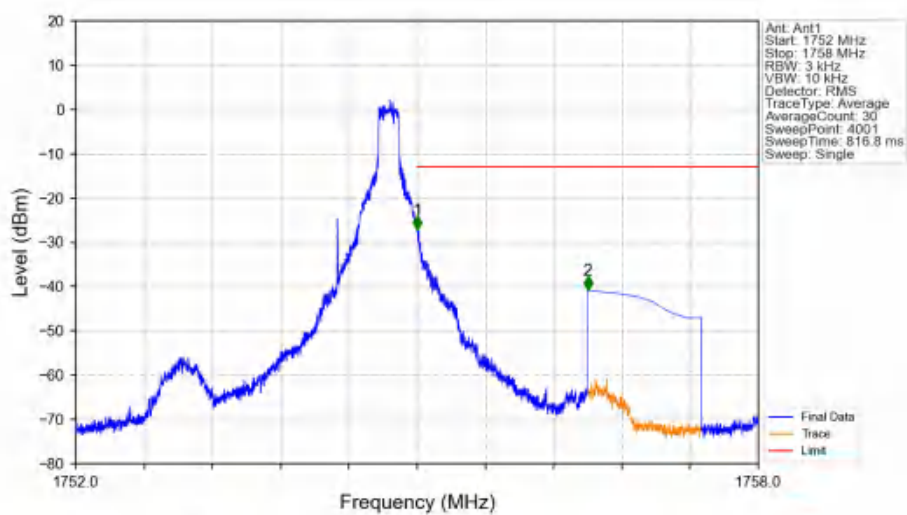
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

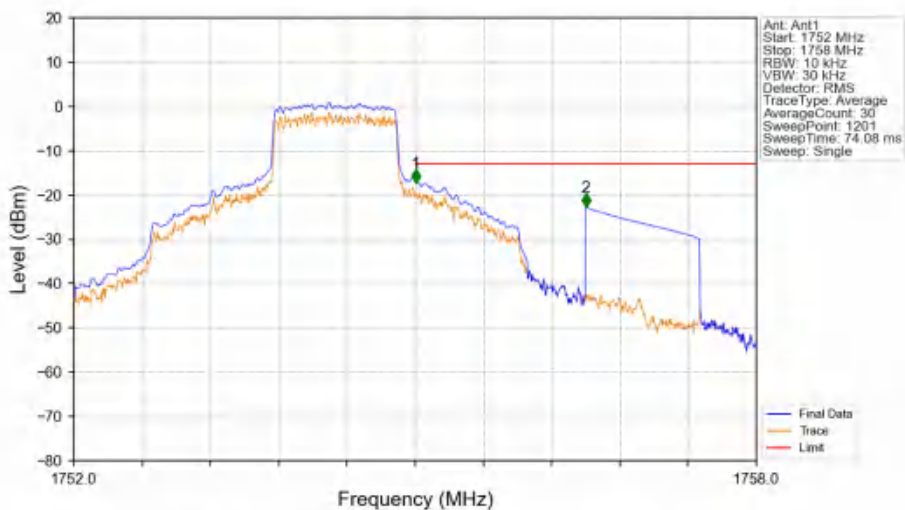


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



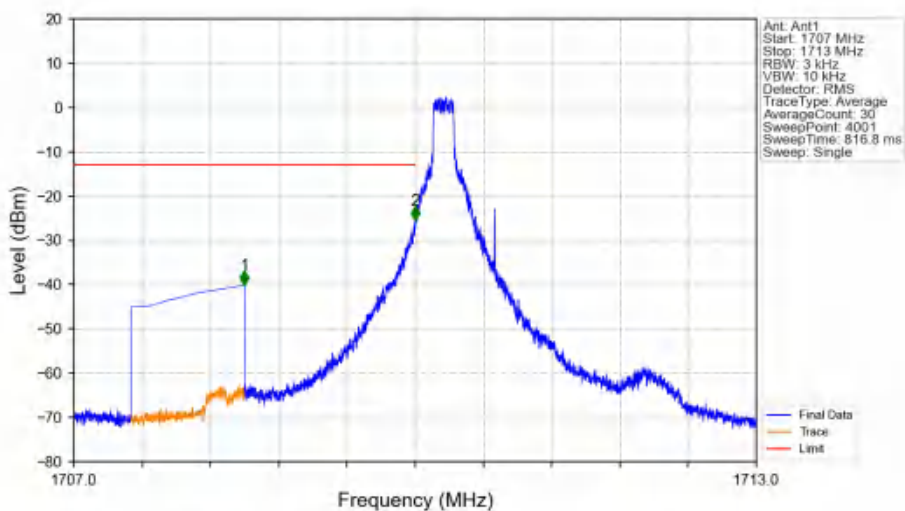
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-27.08	-13	Pass
1756	1758	1	CHP	2	1756.500	-40.86	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



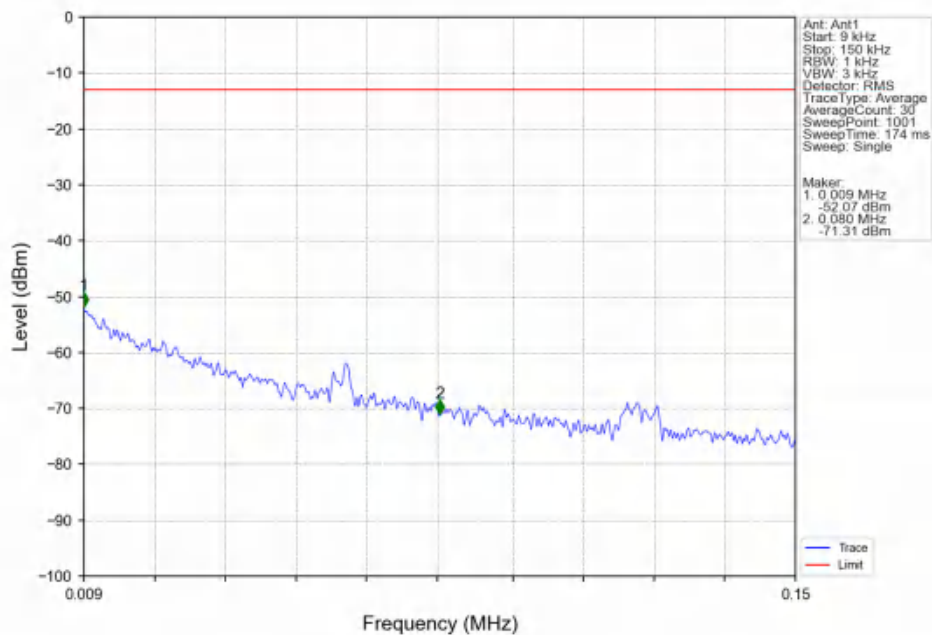
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.022	CHP	/	/	/	/	/
1755	1756	0.022	CHP	1	1755.005	-17.24	-13	Pass
1756	1758	1	CHP	2	1756.500	-22.73	-13	Pass

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

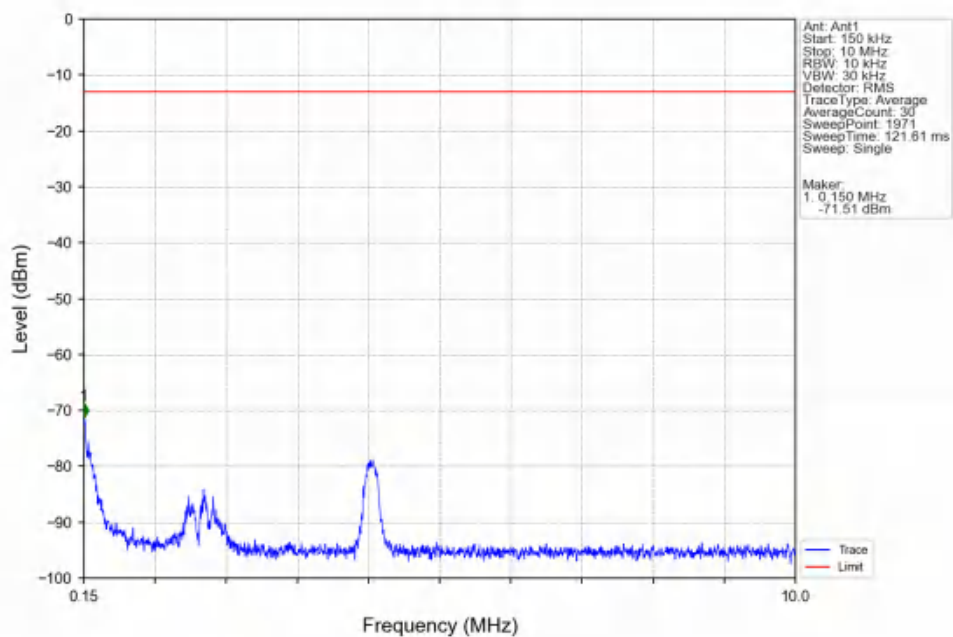


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-40.12	-13	Pass
1709	1710	0.003	/	2	1709.998	-25.43	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

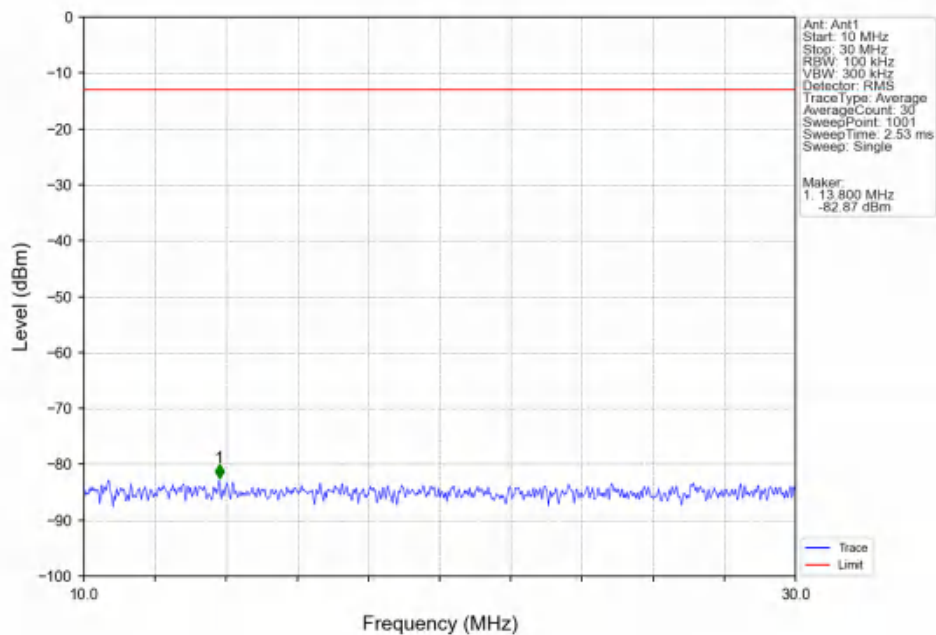
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



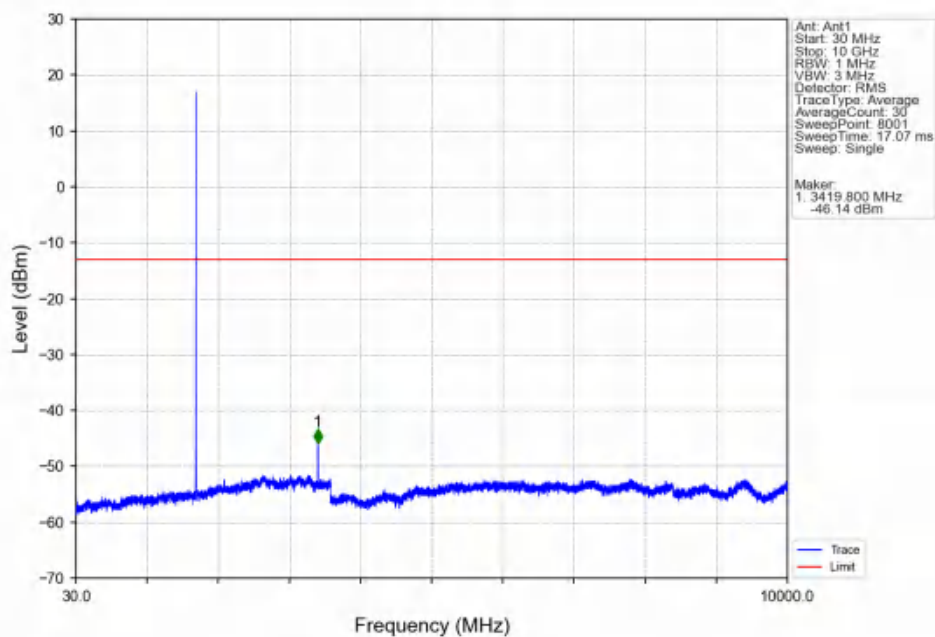
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



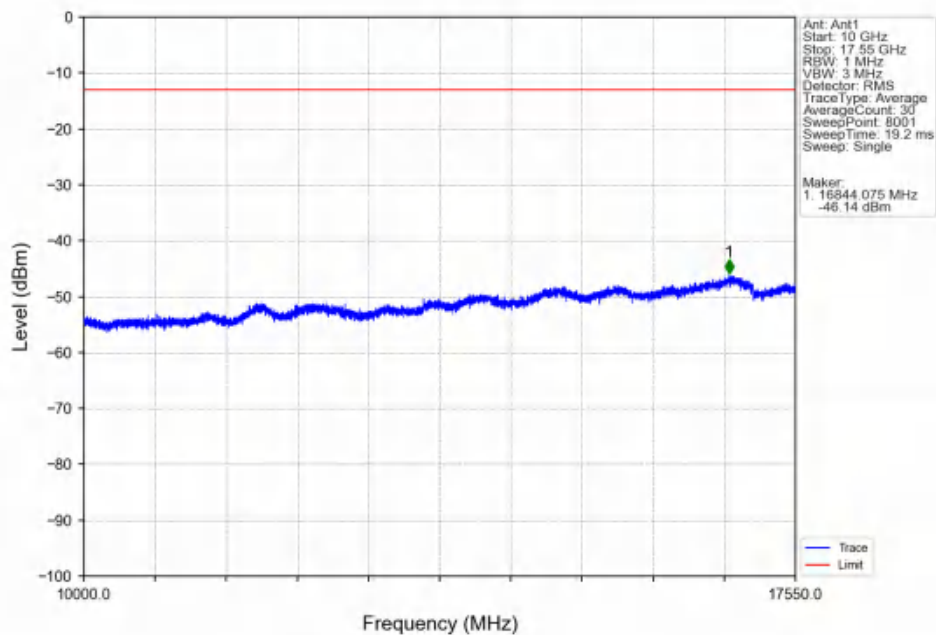
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



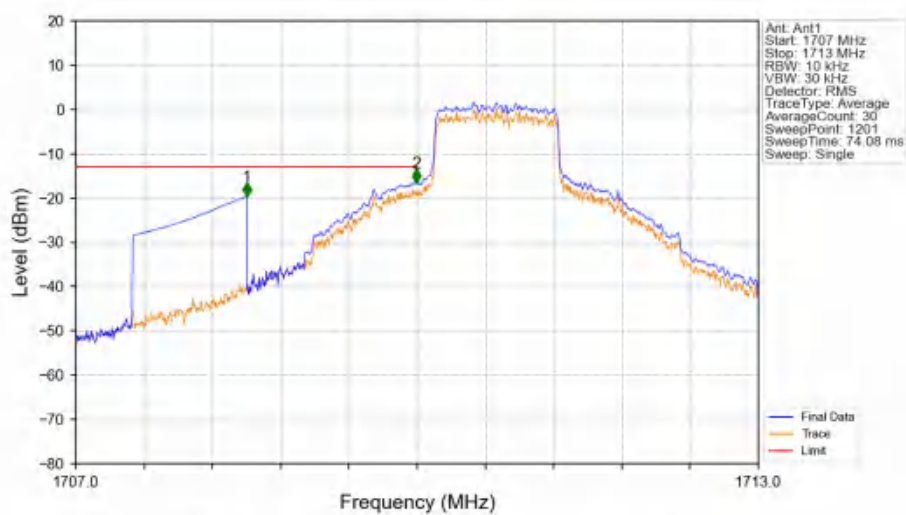
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



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

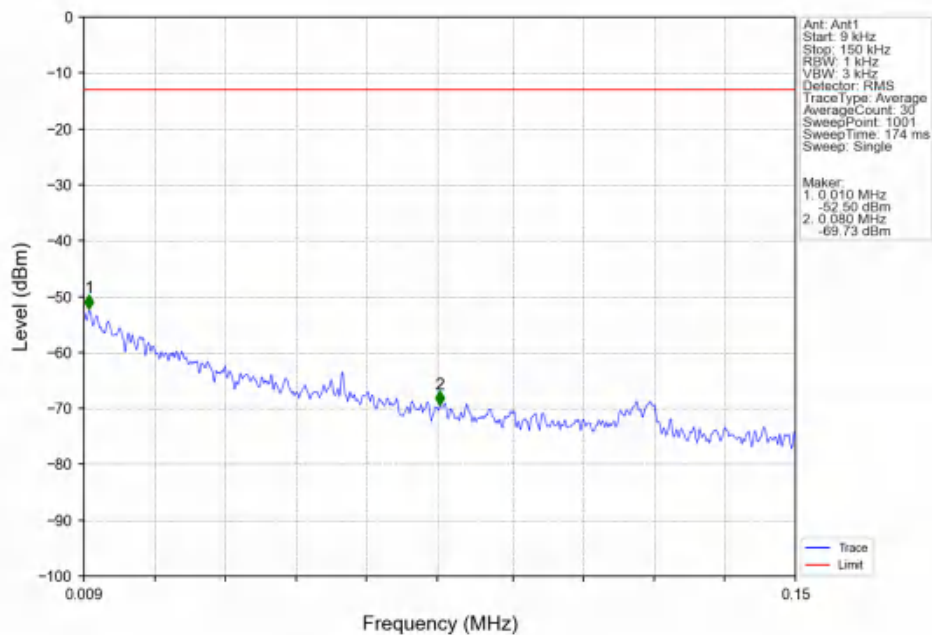


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

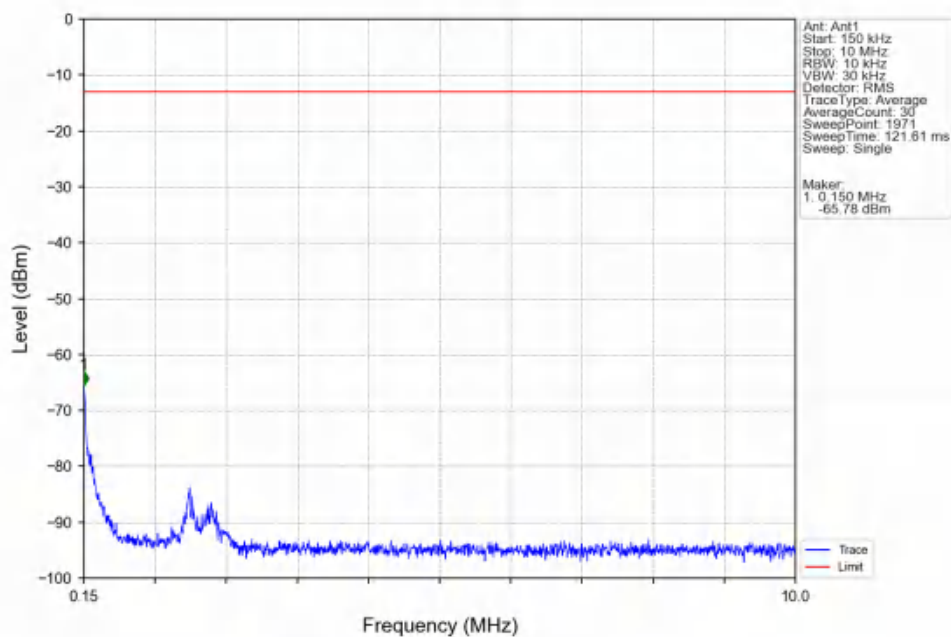


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-19.62	-13	Pass
1709	1710	0.018	CHP	2	1709.995	-16.57	-13	Pass
1710	1713	0.018	CHP	/	/	/	/	/

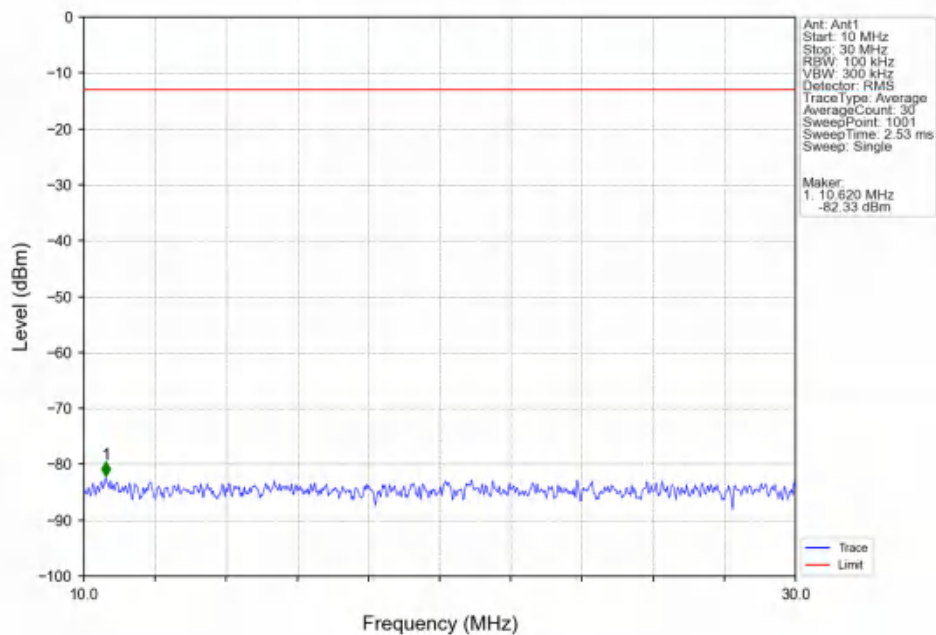
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



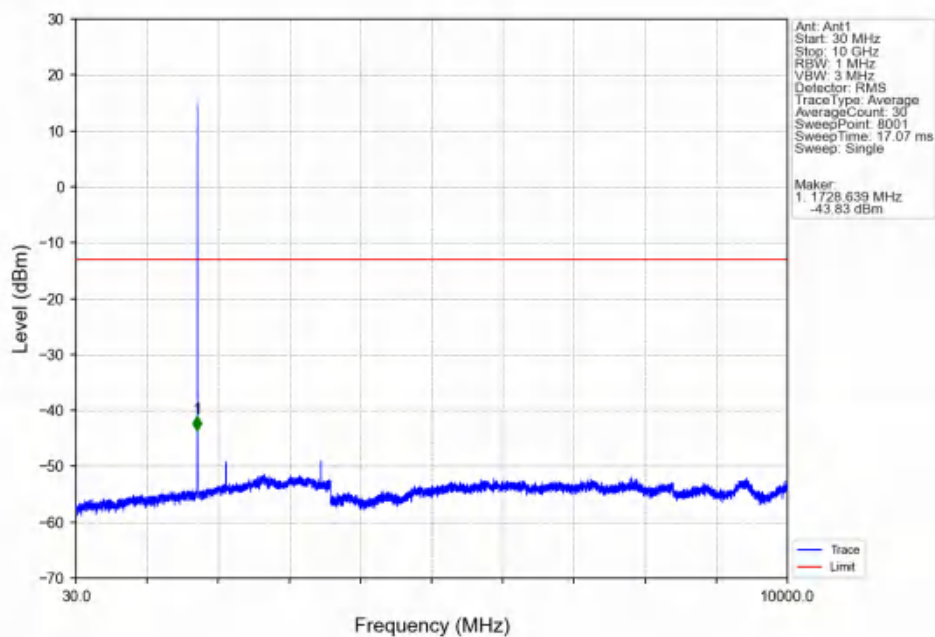
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



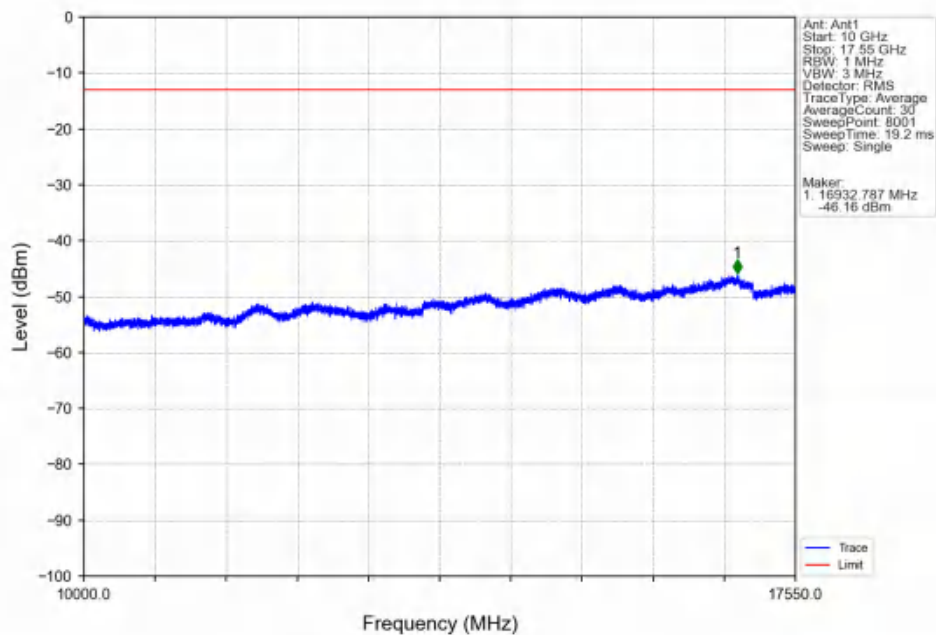
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



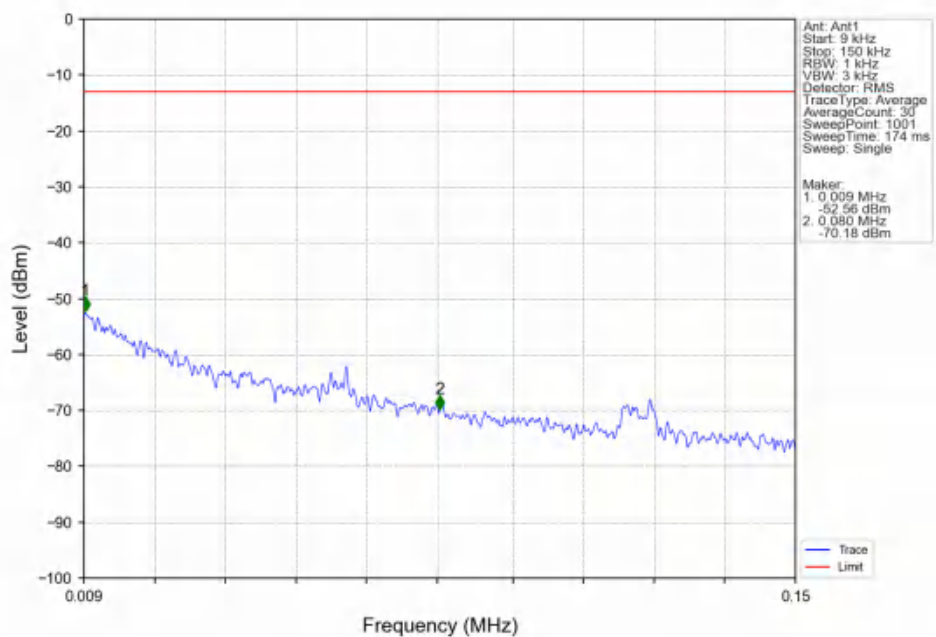
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



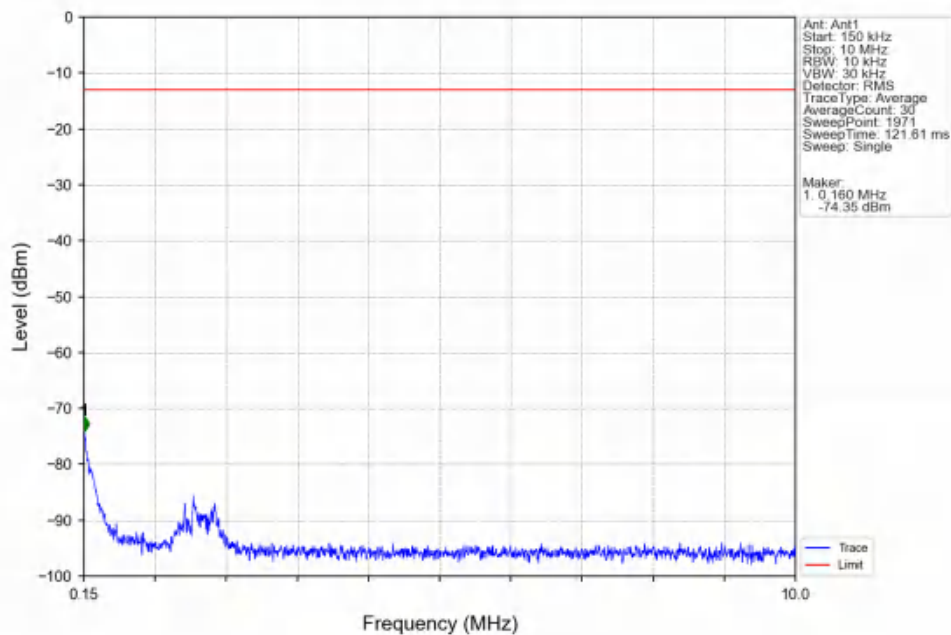
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



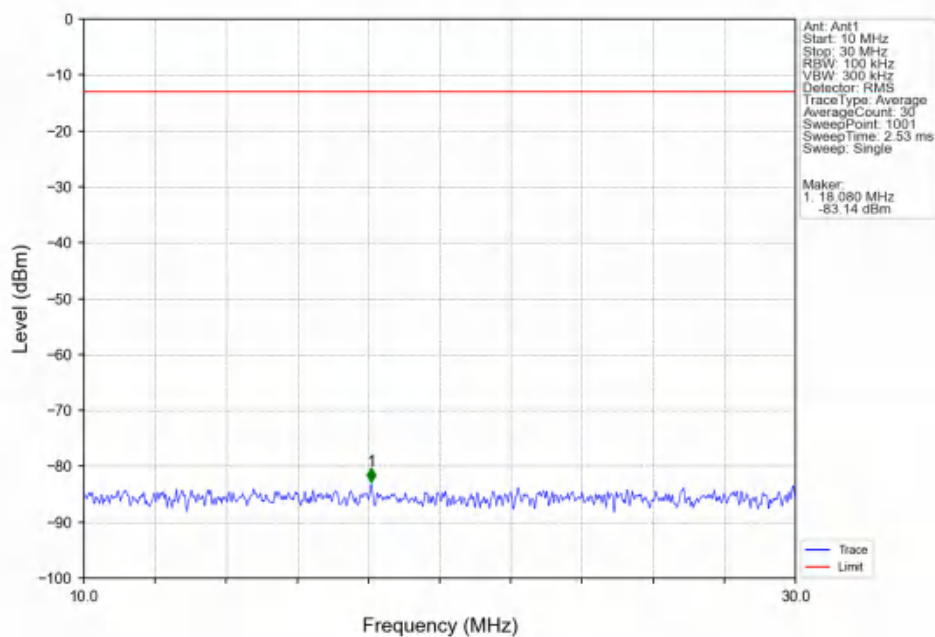
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



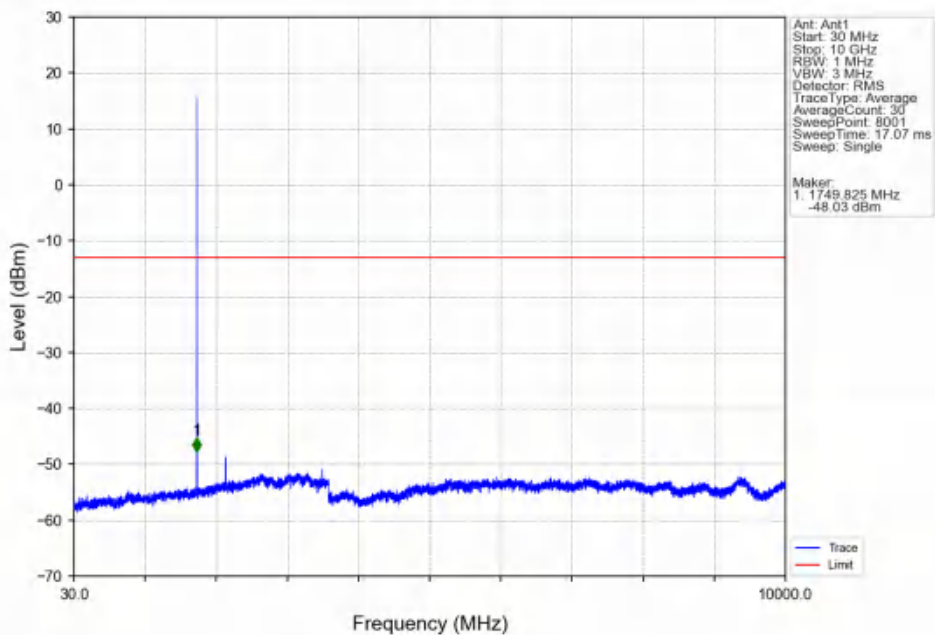
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



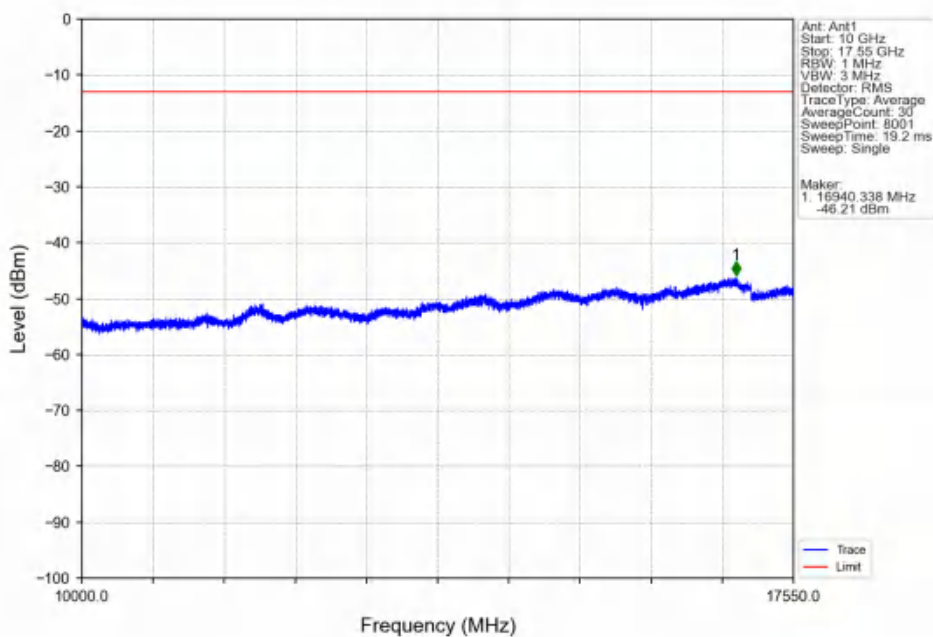
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



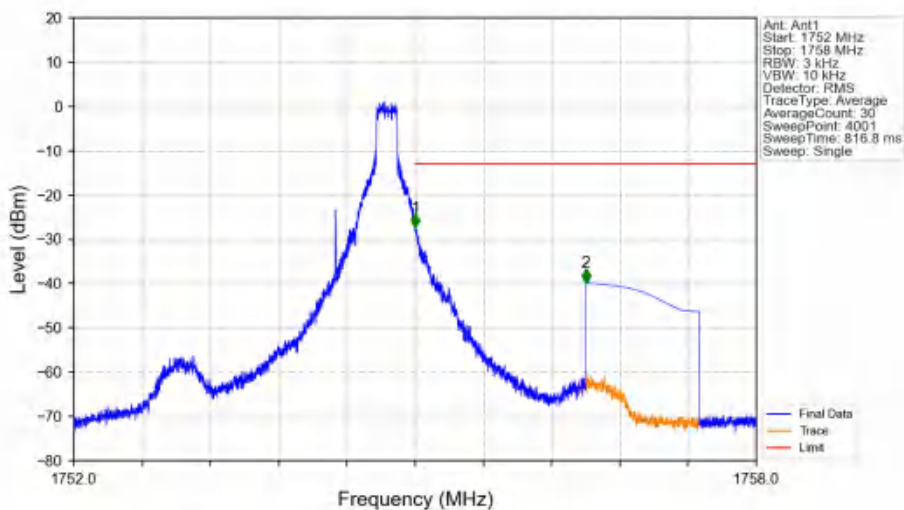
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



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

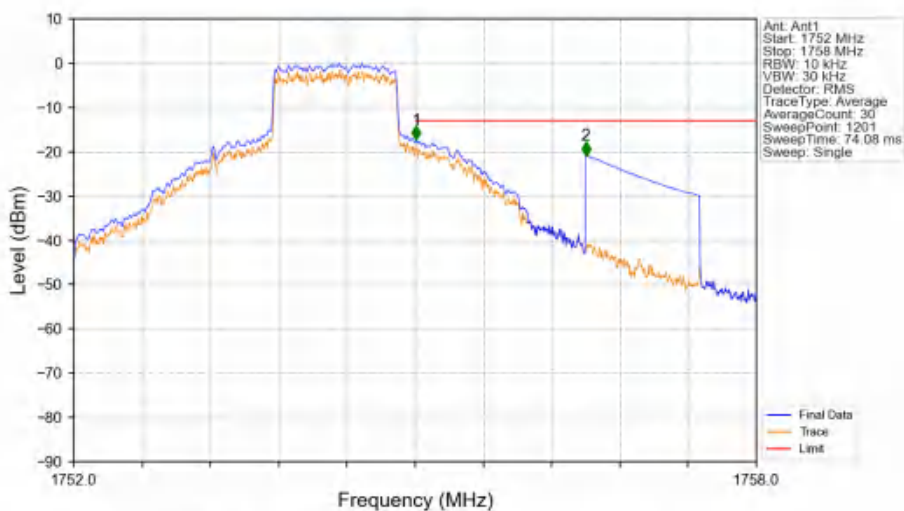


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-27.23	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.78	-13	Pass

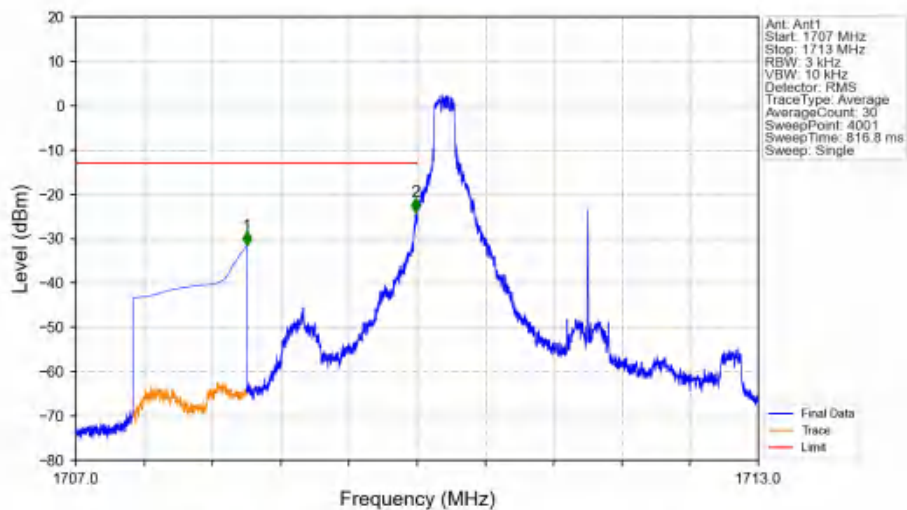
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



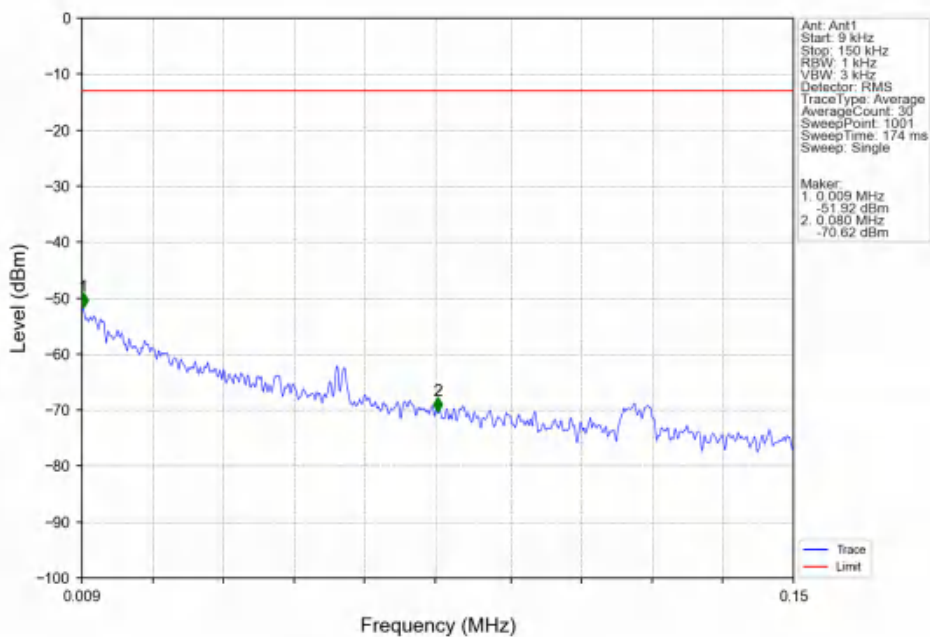
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.018	CHP	/	/	/	/	/
1755	1756	0.018	CHP	1	1755.010	-17.28	-13	Pass
1756	1758	1	CHP	2	1756.500	-20.82	-13	Pass

6.2.2 B4_3MHz

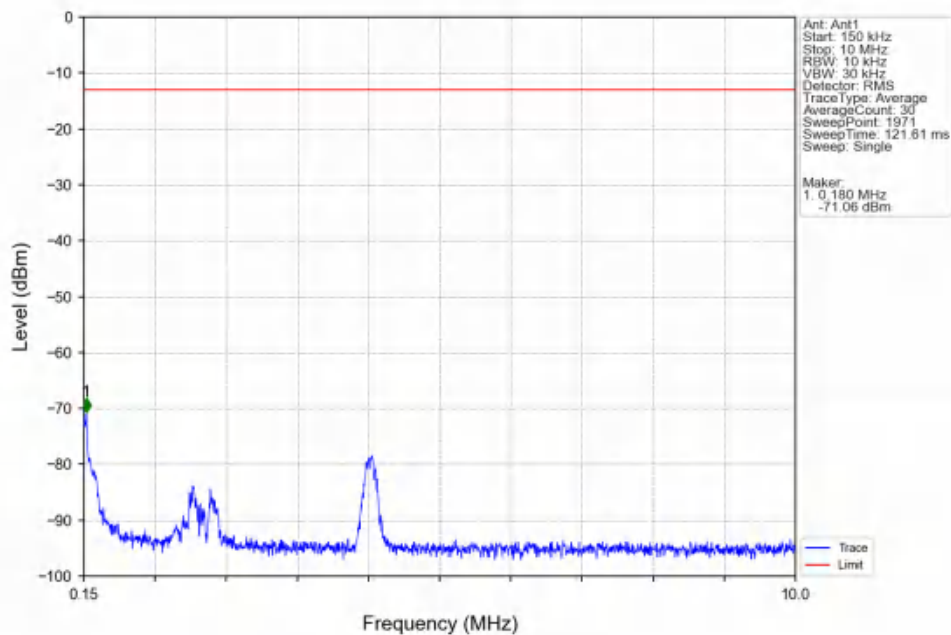
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



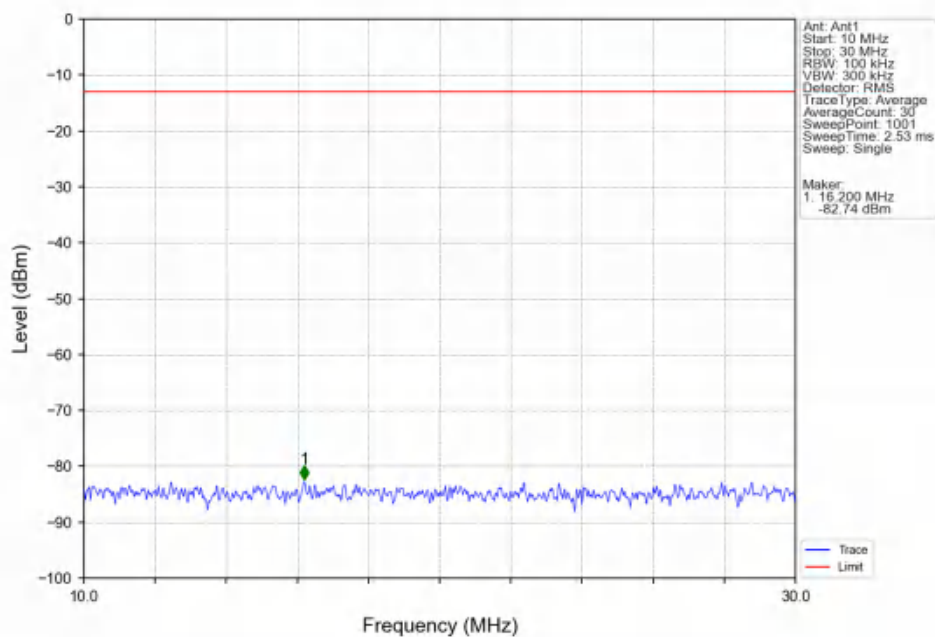
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



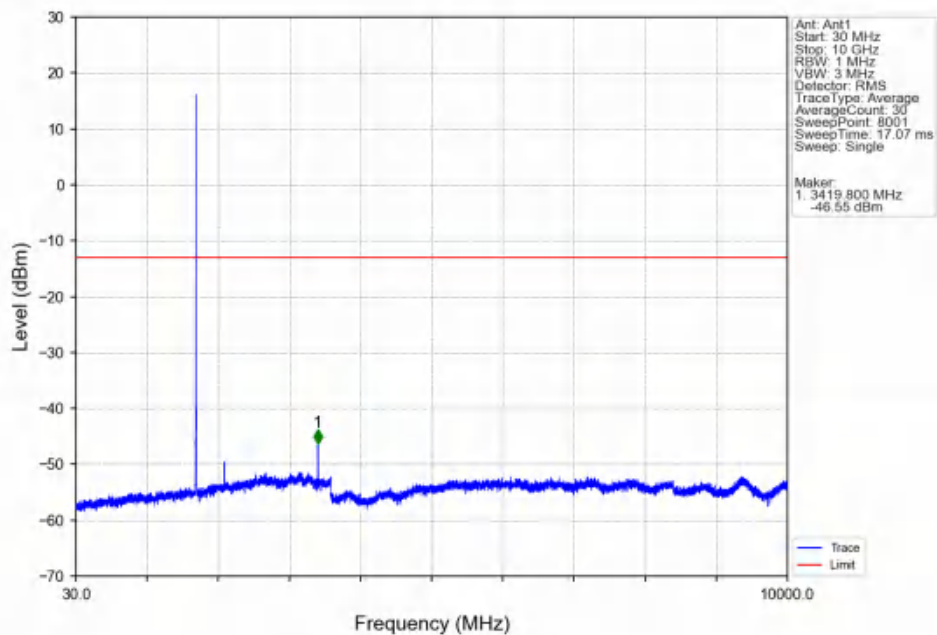
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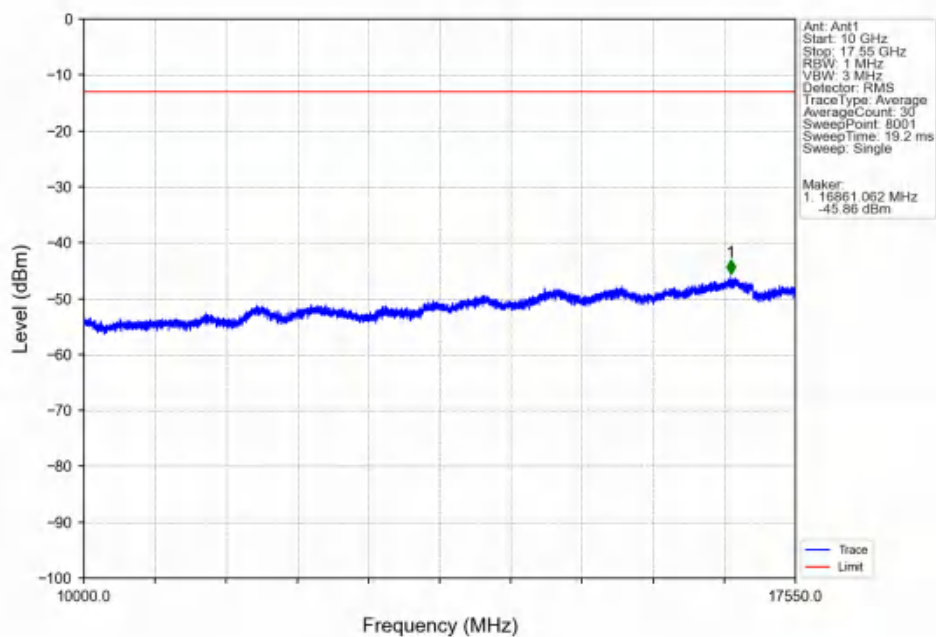
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



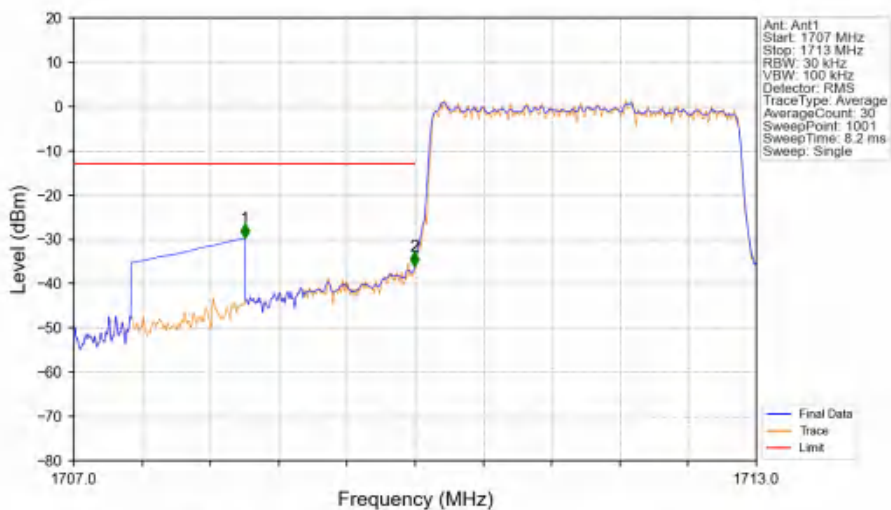
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

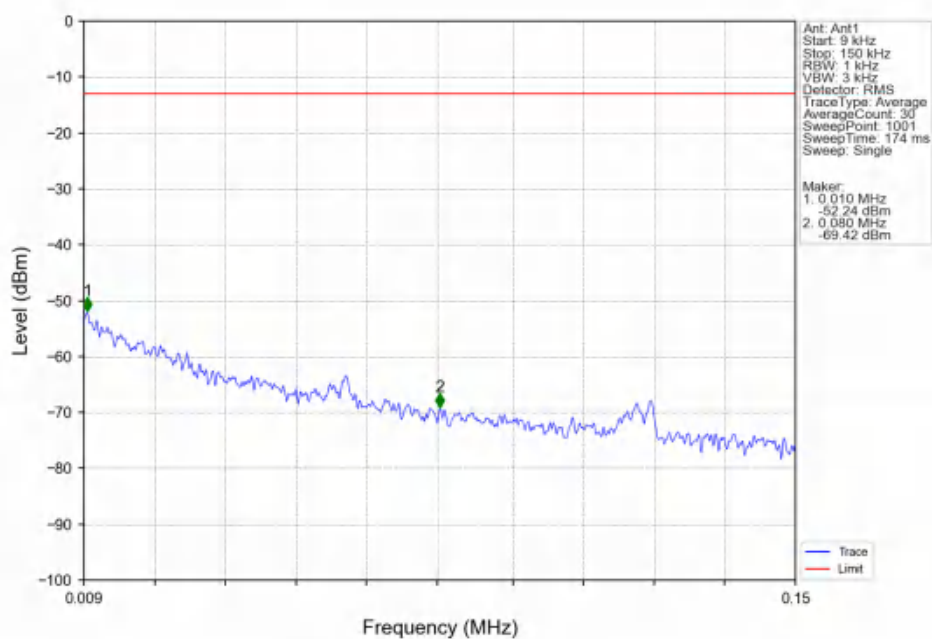


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

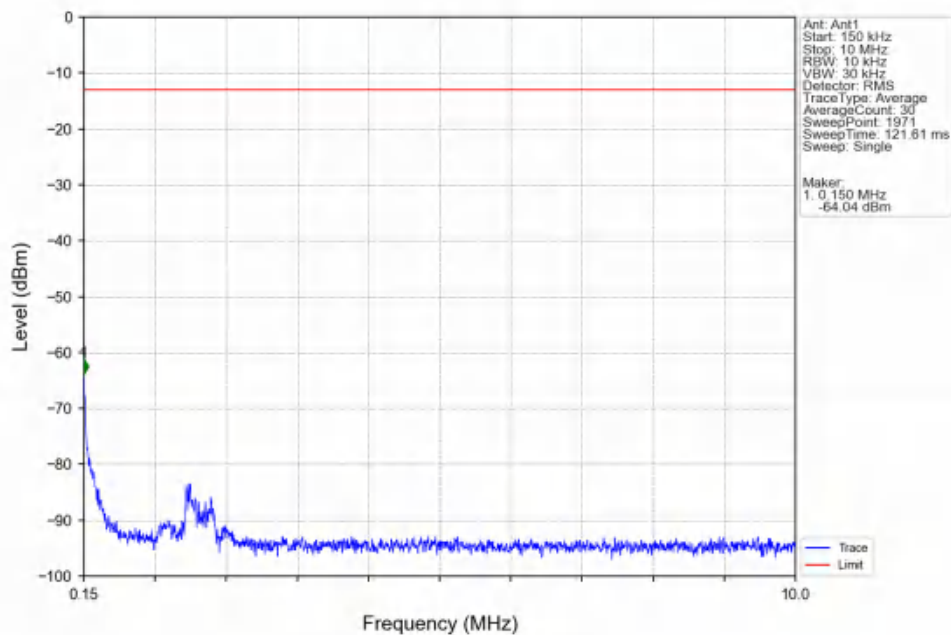


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.75	-13	Pass
1709	1710	0.038	CHP	2	1709.994	-36.01	-13	Pass
1710	1713	0.038	CHP	/	/	/	/	/

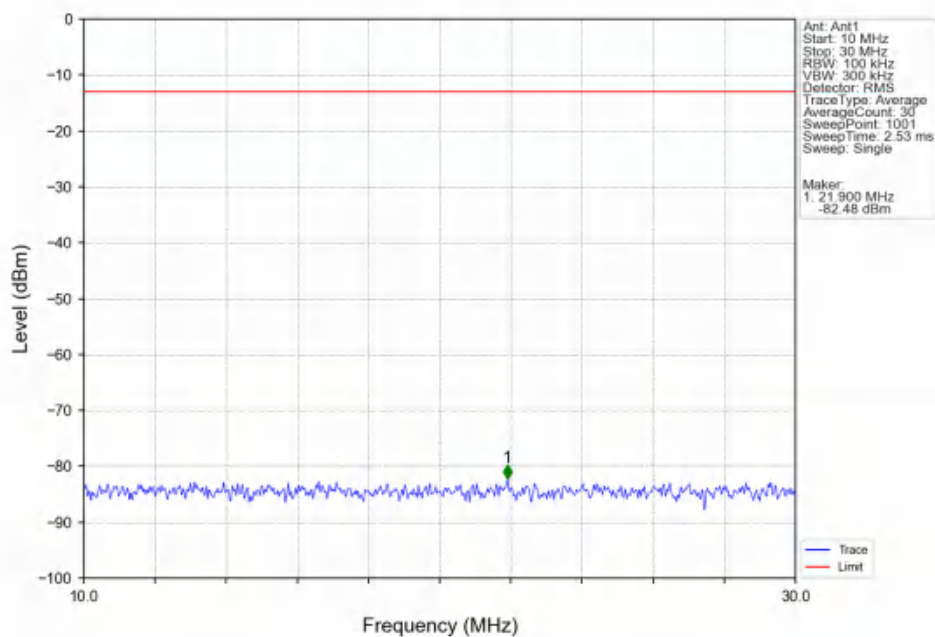
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



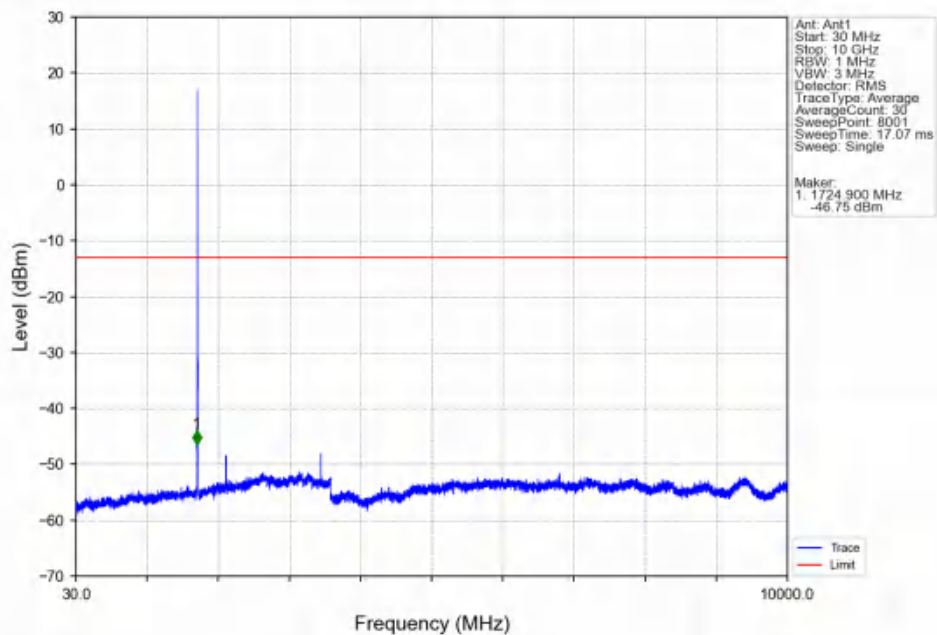
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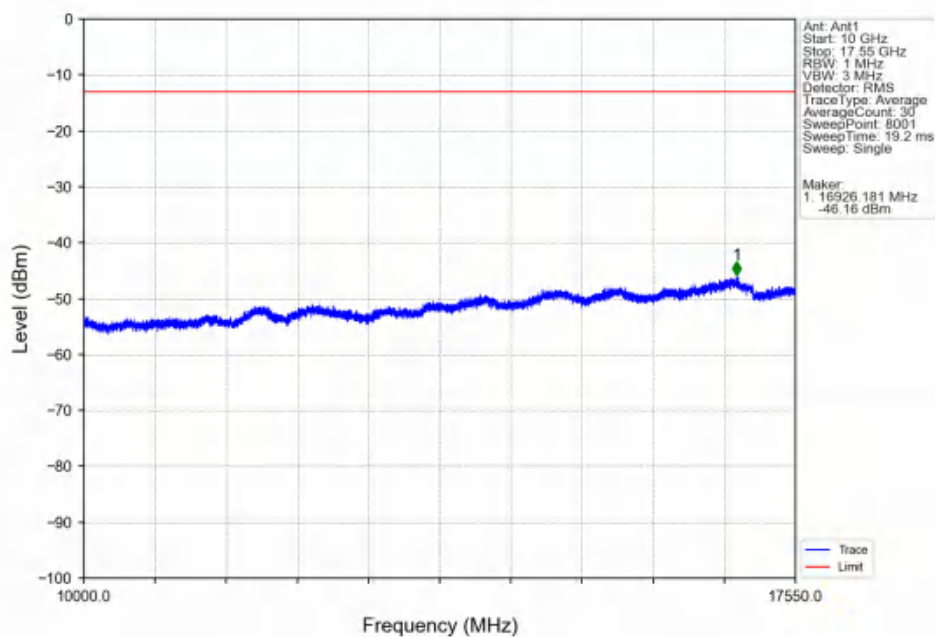
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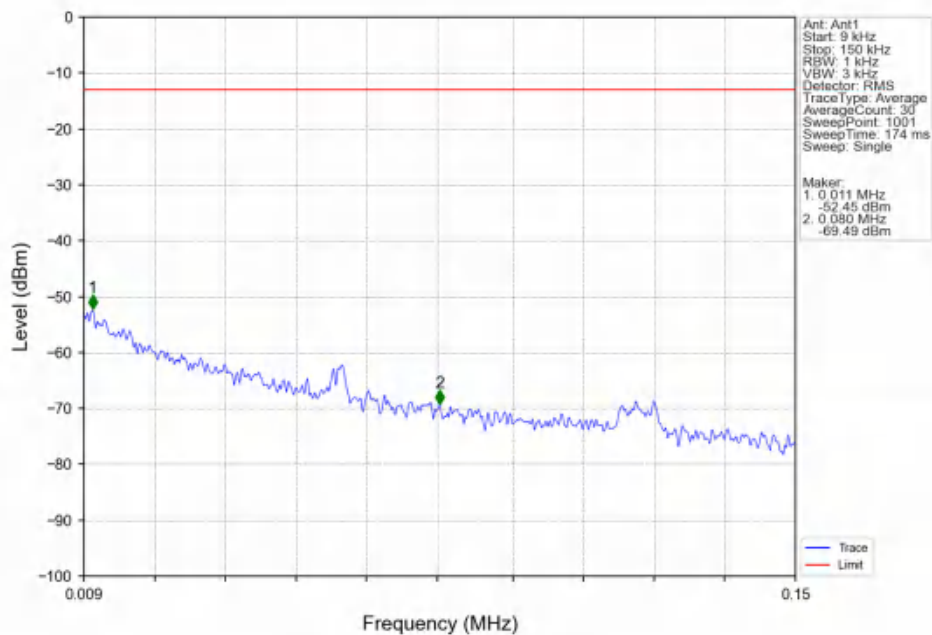
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



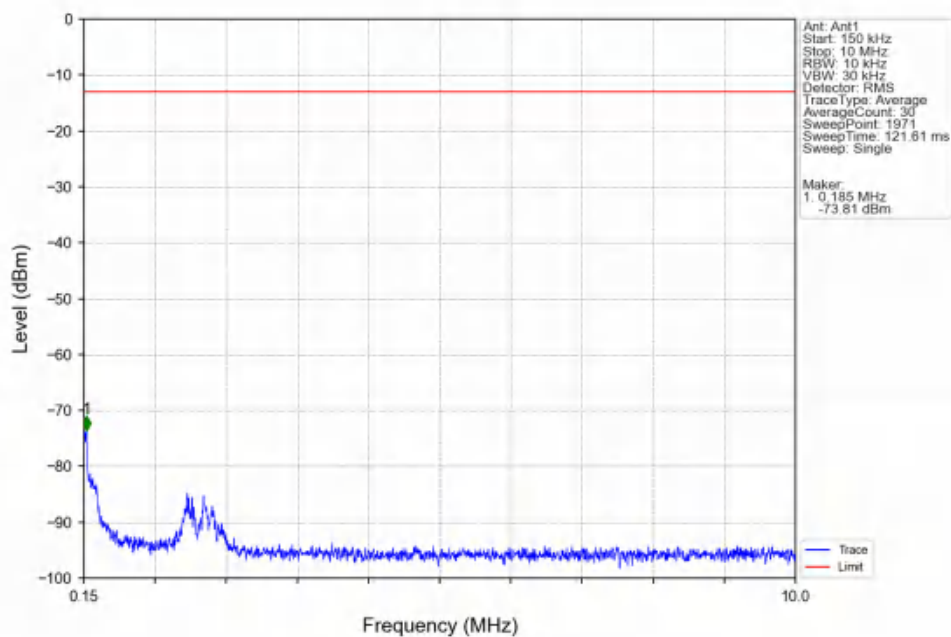
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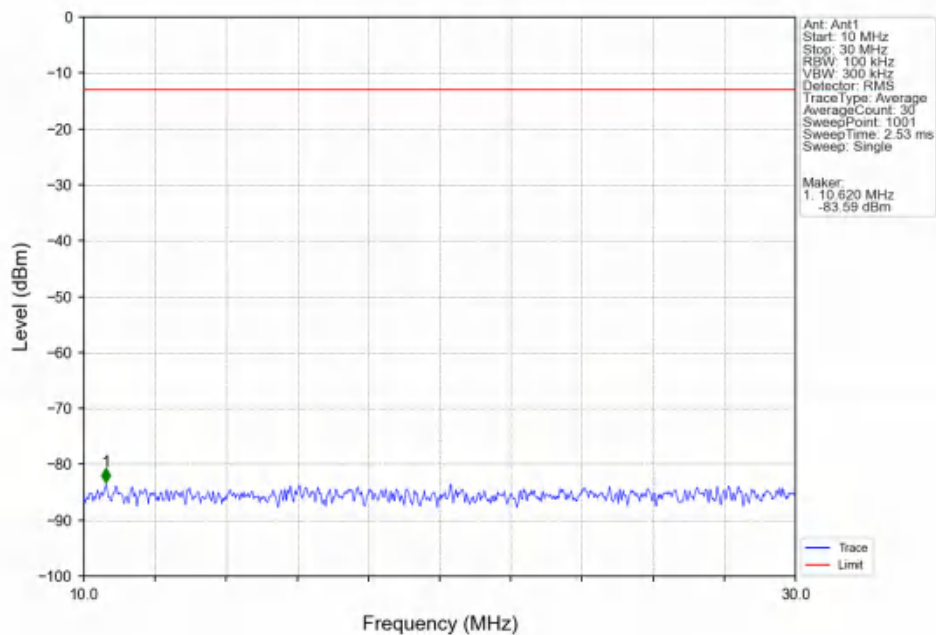
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



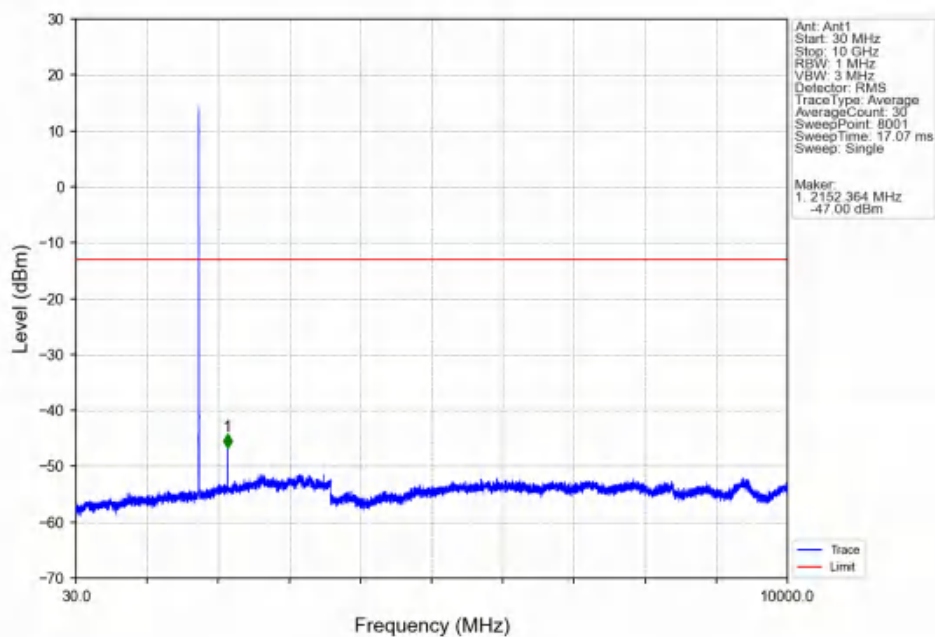
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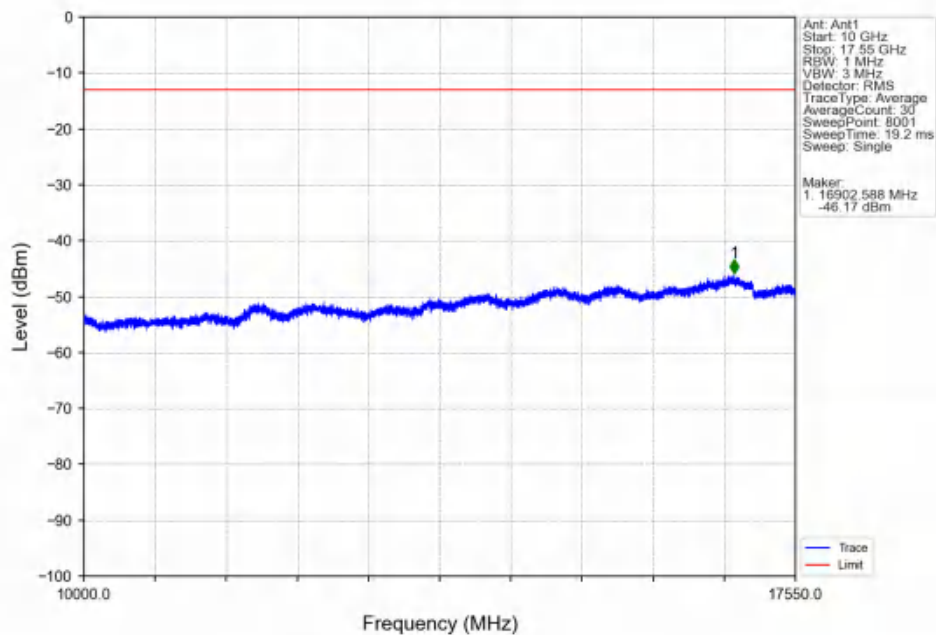
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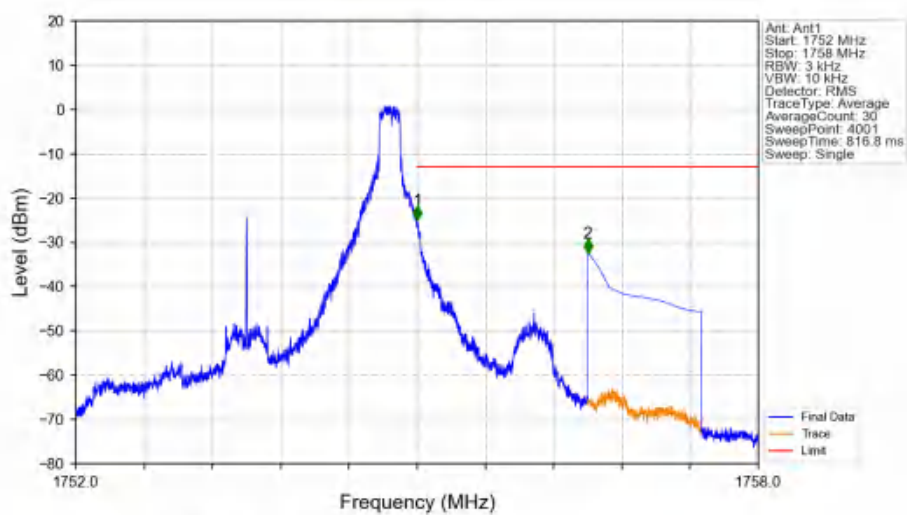
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Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV

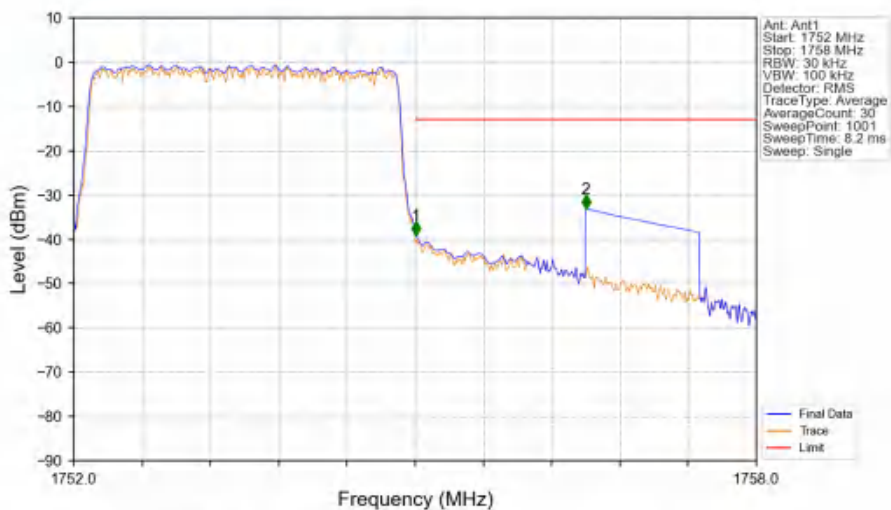


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV



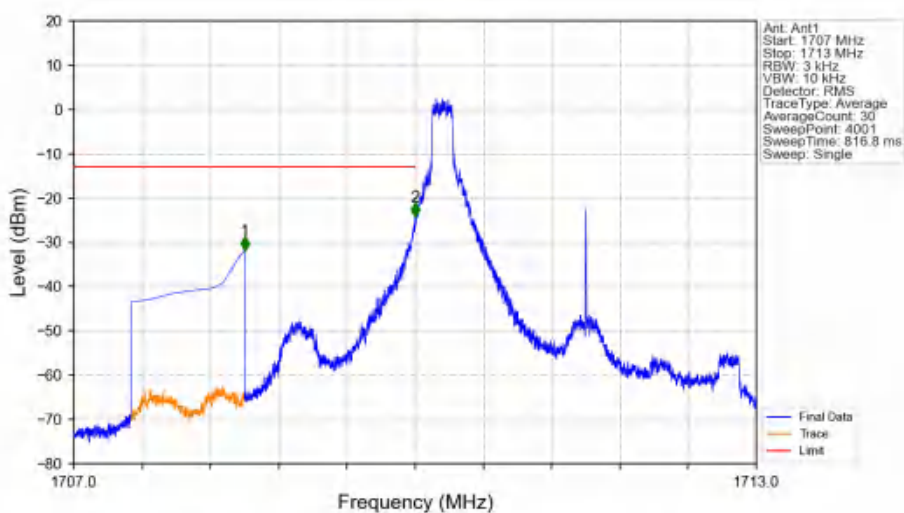
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-24.96	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.35	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



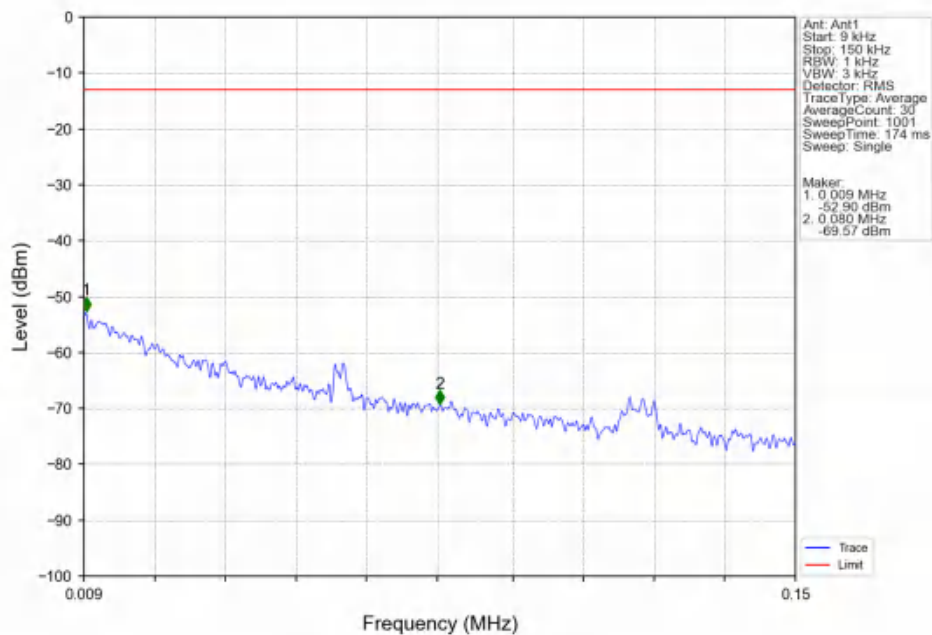
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.042	CHP	/	/	/	/	/
1755	1756	0.042	CHP	1	1755.006	-39.11	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.12	-13	Pass

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

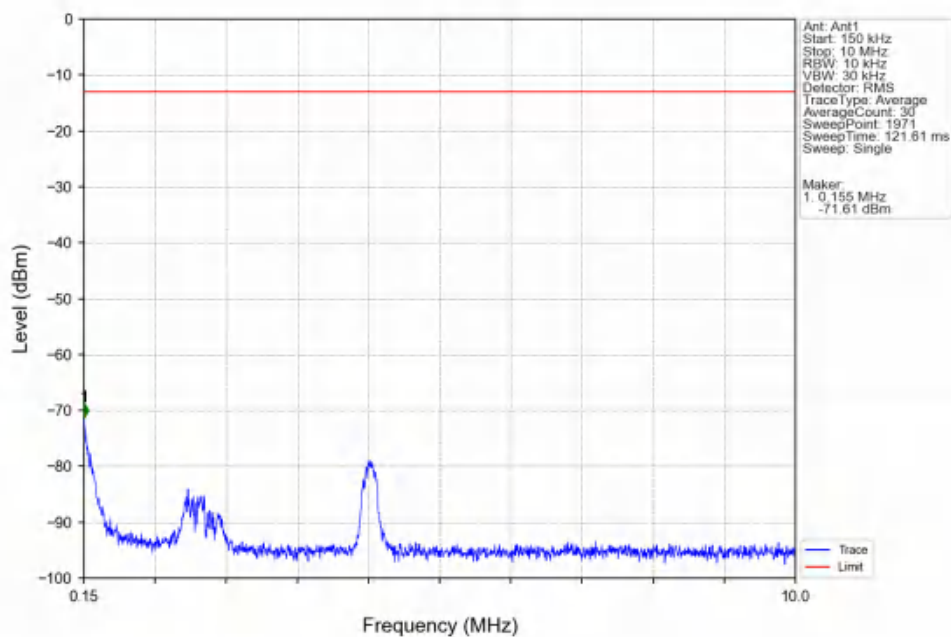


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.94	-13	Pass
1709	1710	0.003	/	2	1709.998	-24.20	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

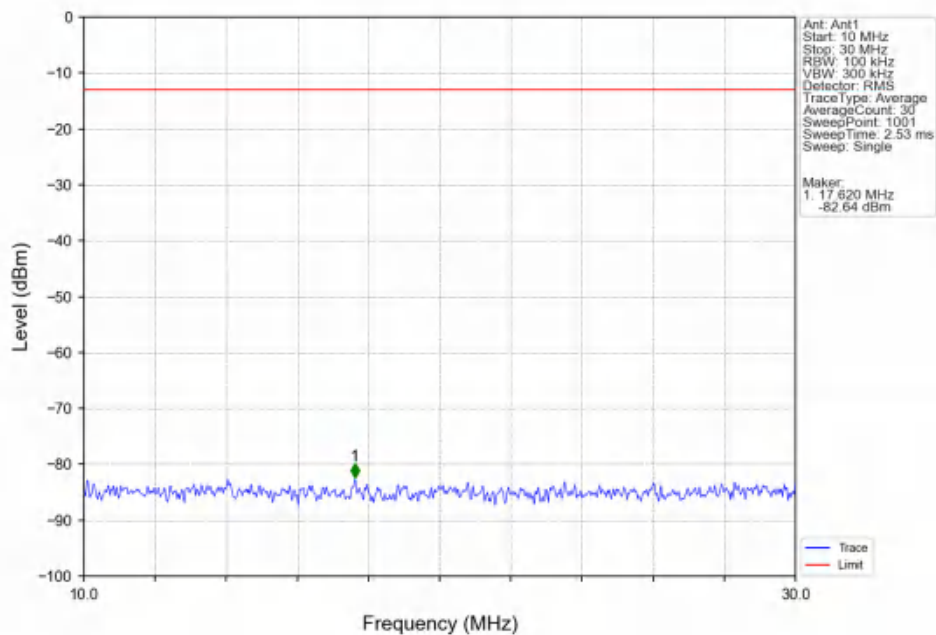
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



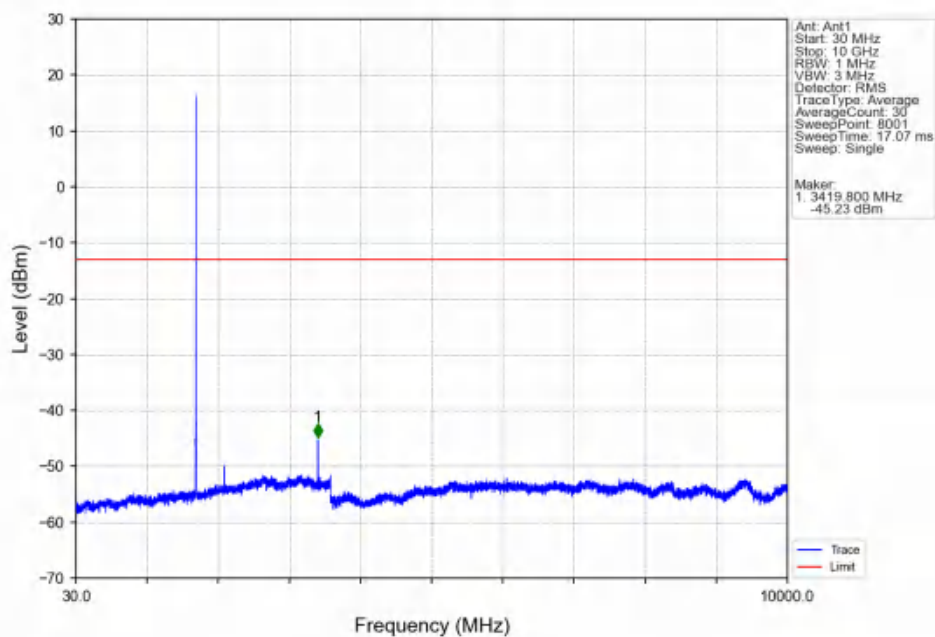
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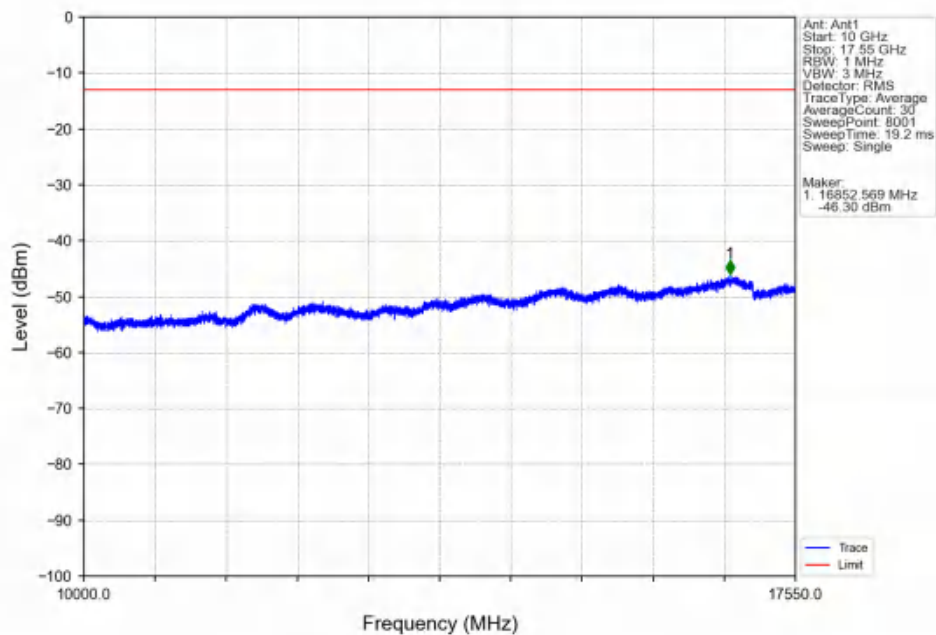
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



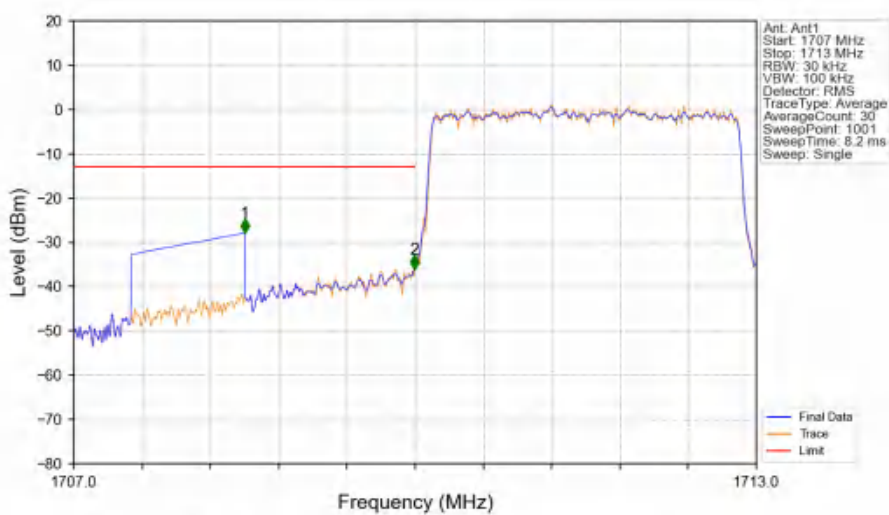
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



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

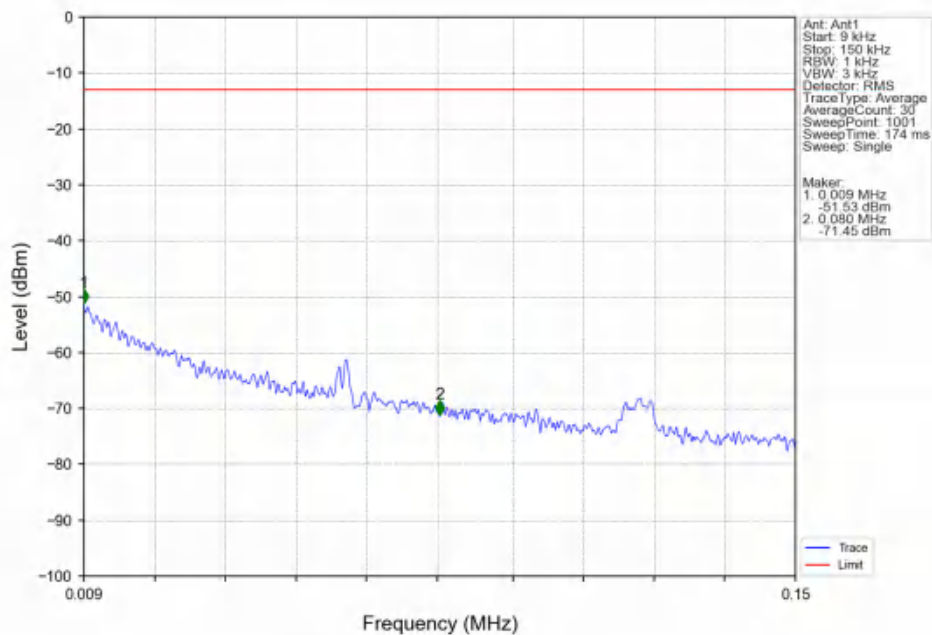


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV

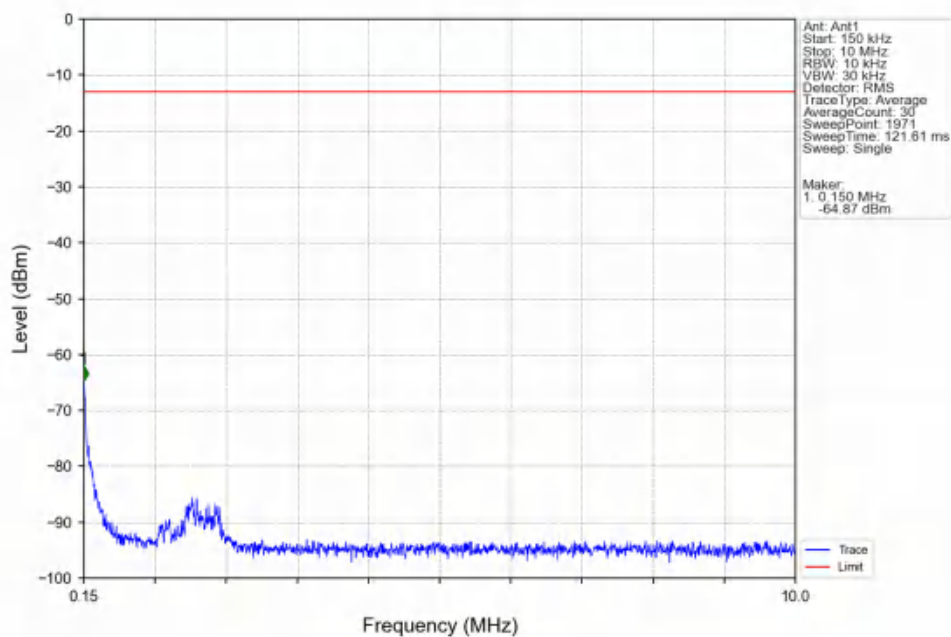


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.91	-13	Pass
1709	1710	0.036	CHP	2	1709.994	-36.04	-13	Pass
1710	1713	0.036	CHP	/	/	/	/	/

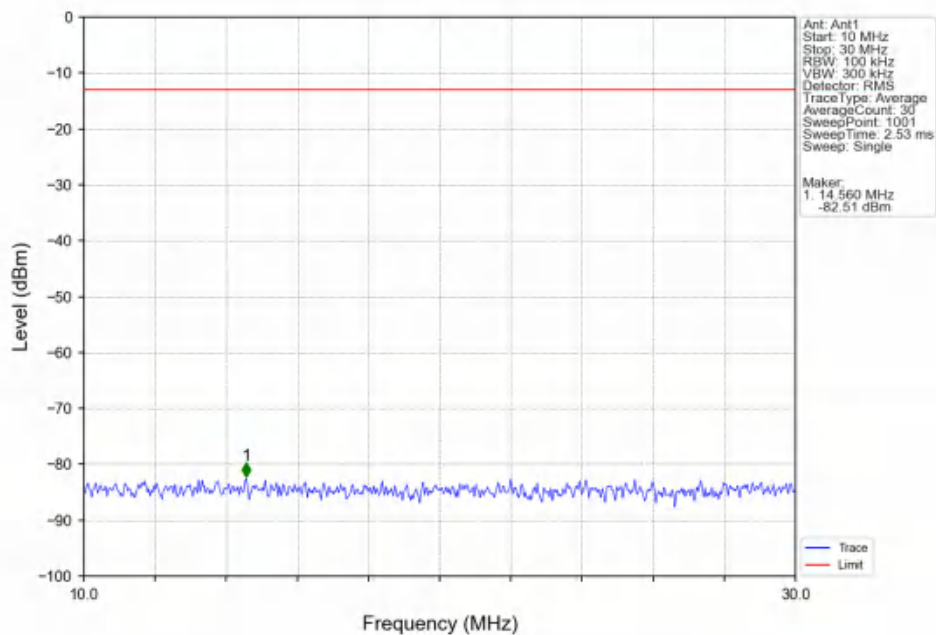
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



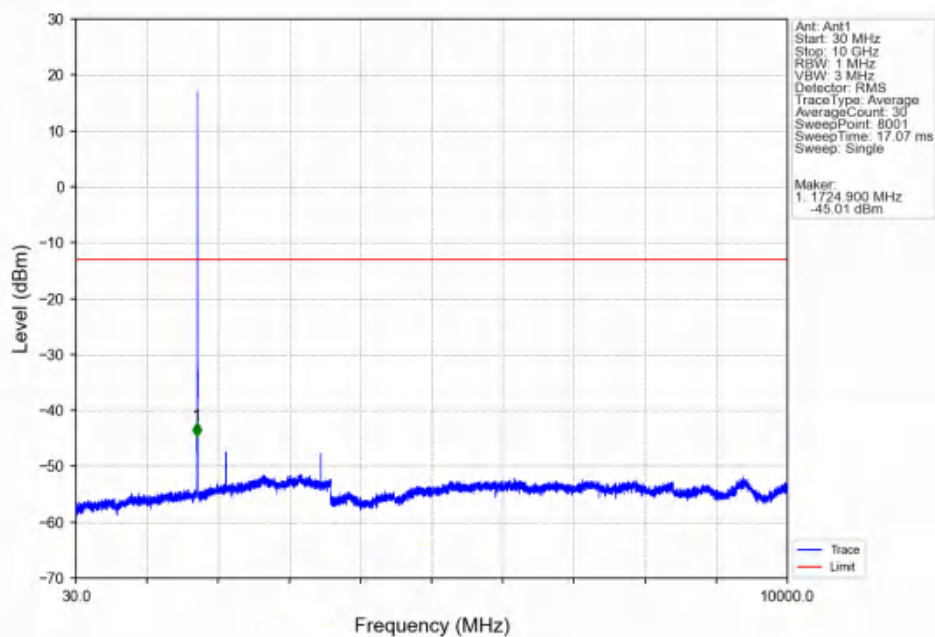
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



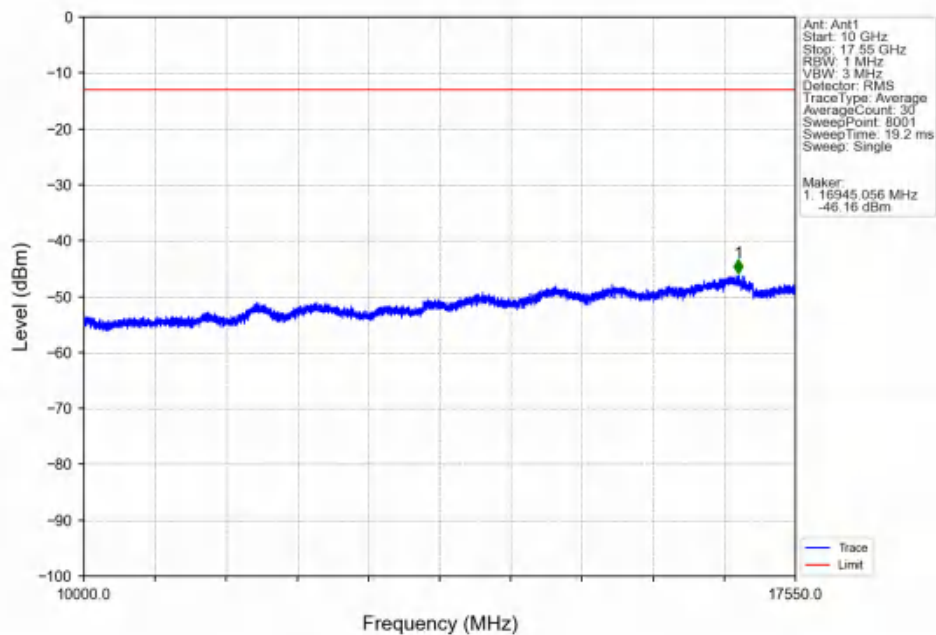
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



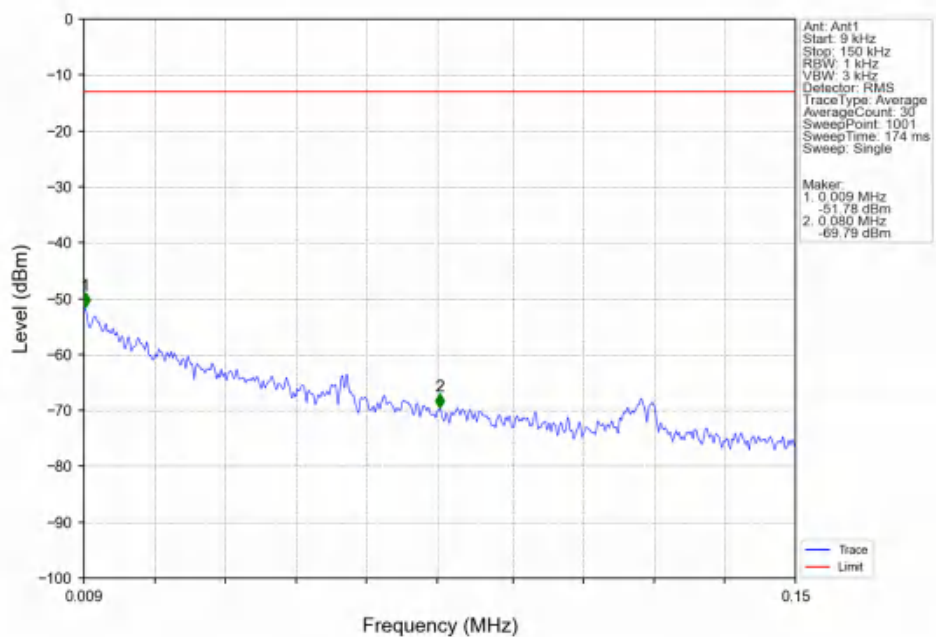
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



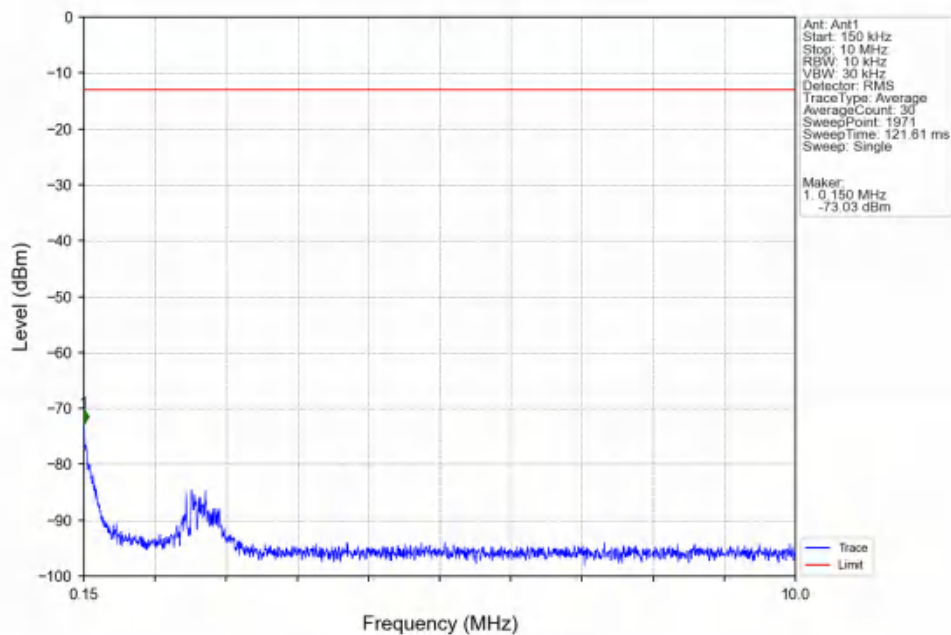
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



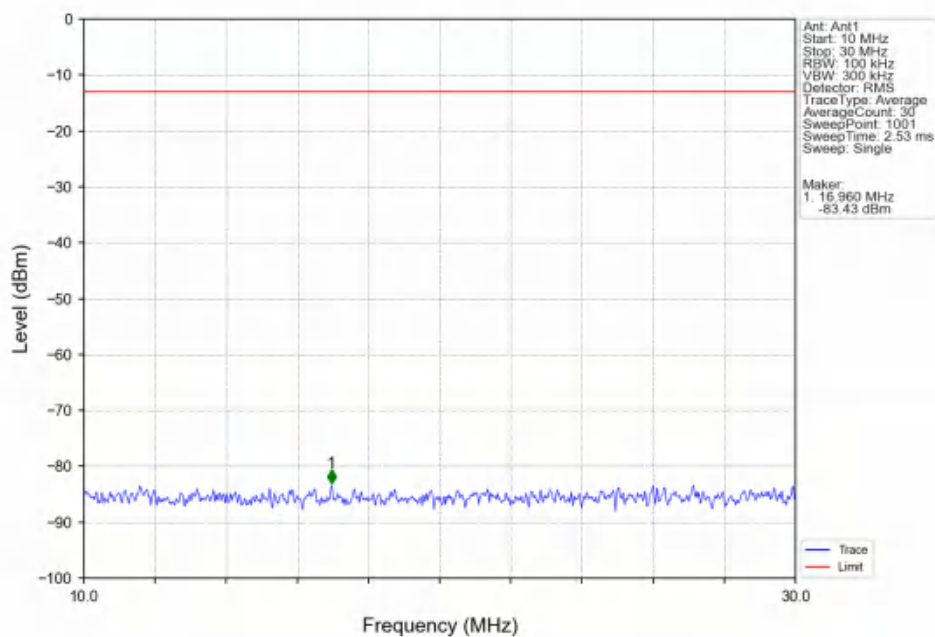
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



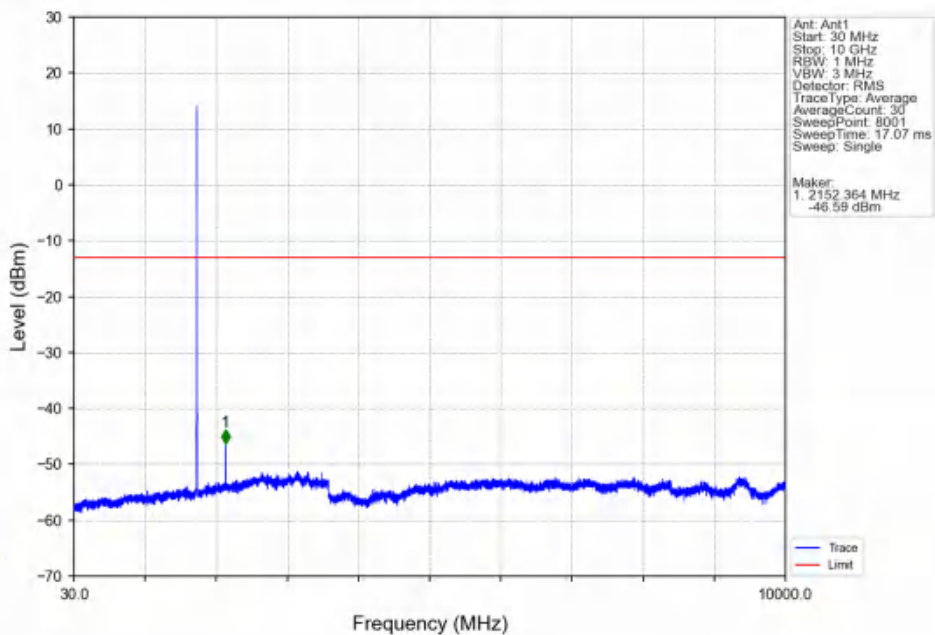
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



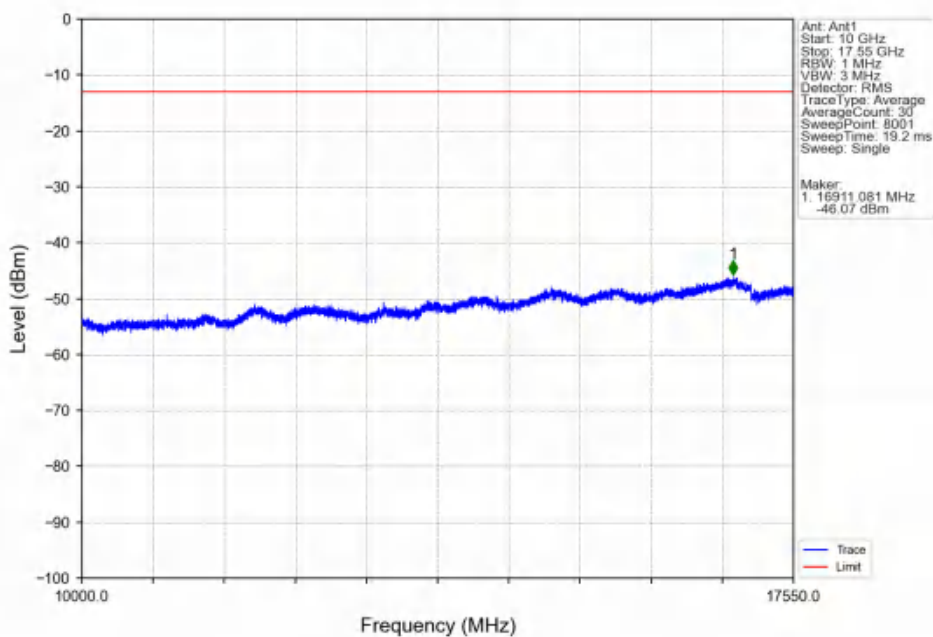
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



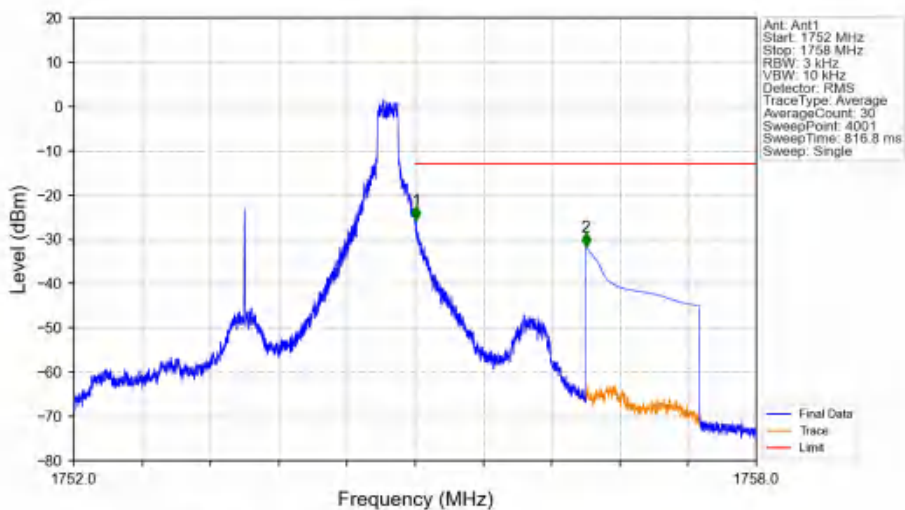
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



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

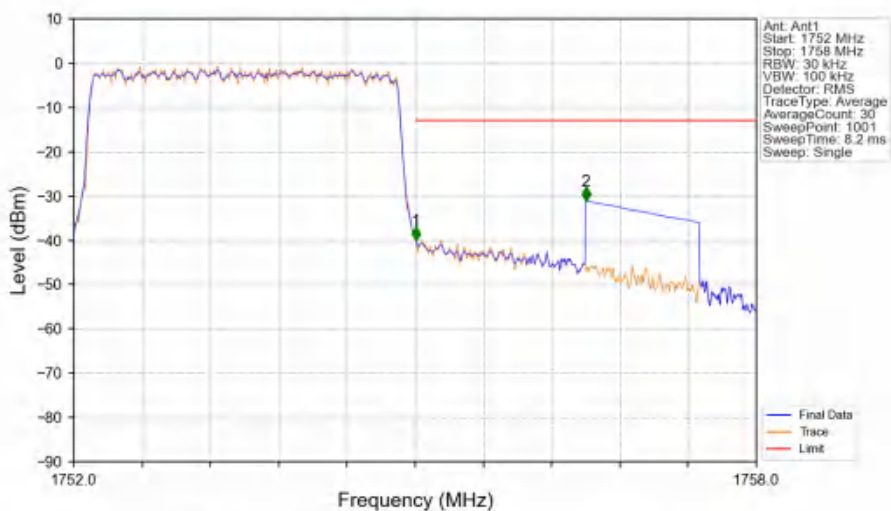


Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTNV



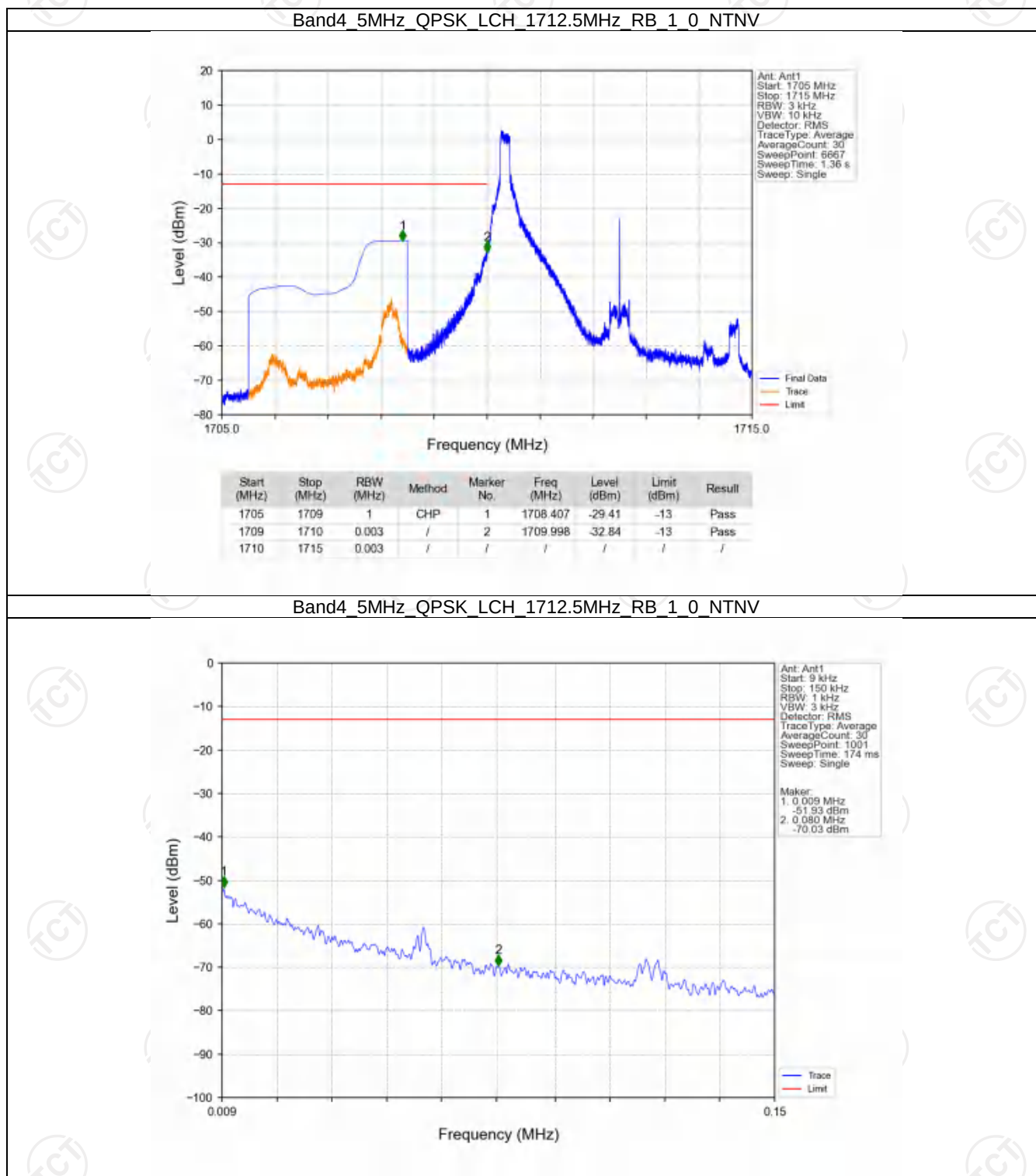
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-25.73	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.74	-13	Pass

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

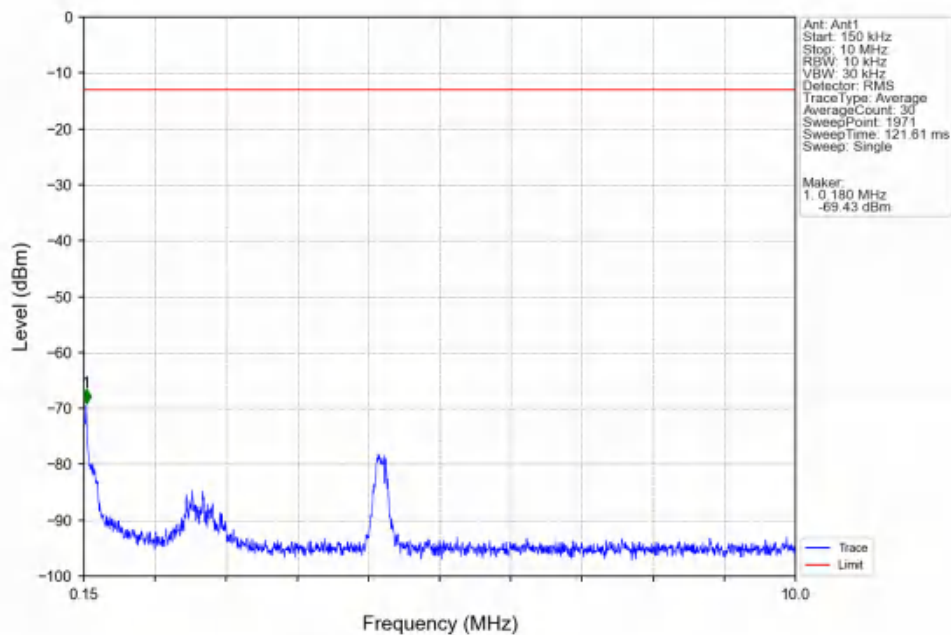


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.036	CHP	/	/	/	/	/
1755	1756	0.036	CHP	1	1755.006	-39.99	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.19	-13	Pass

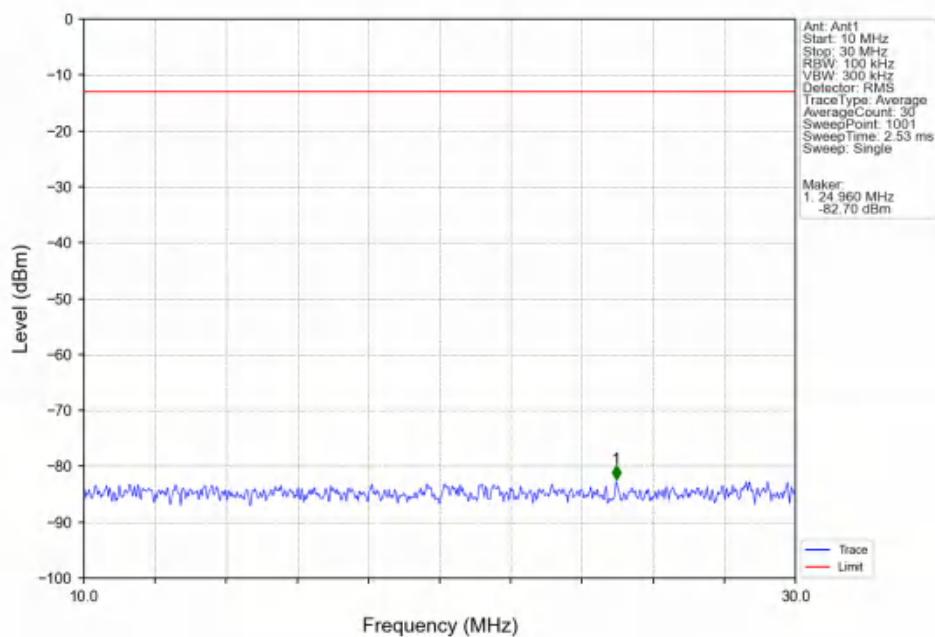
6.2.3 B4_5MHz



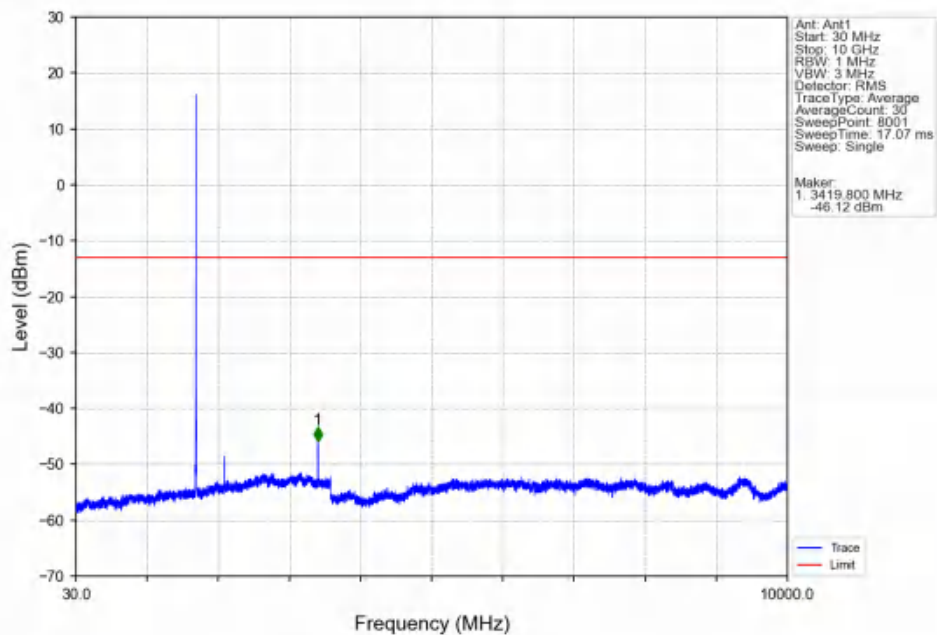
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



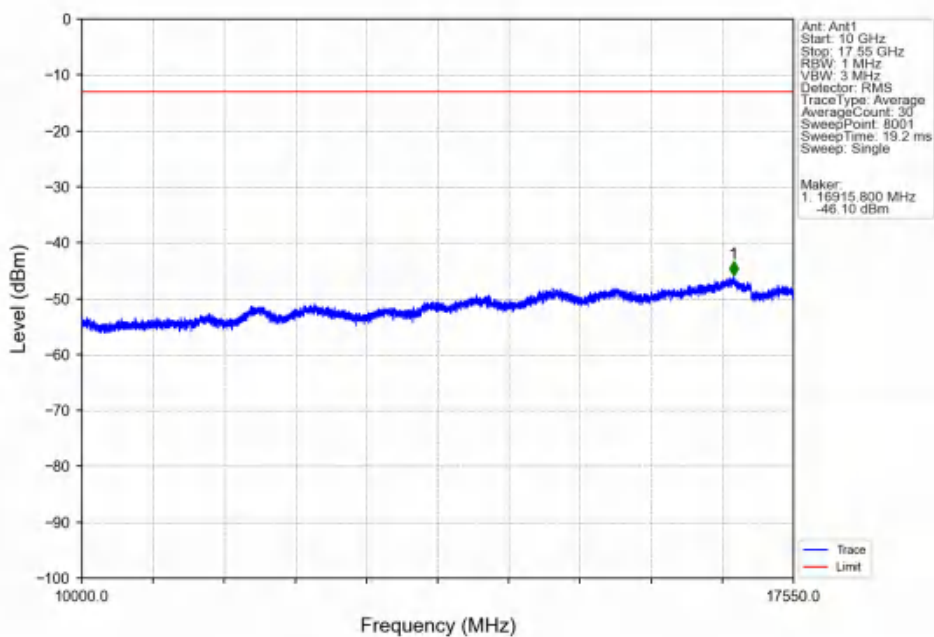
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



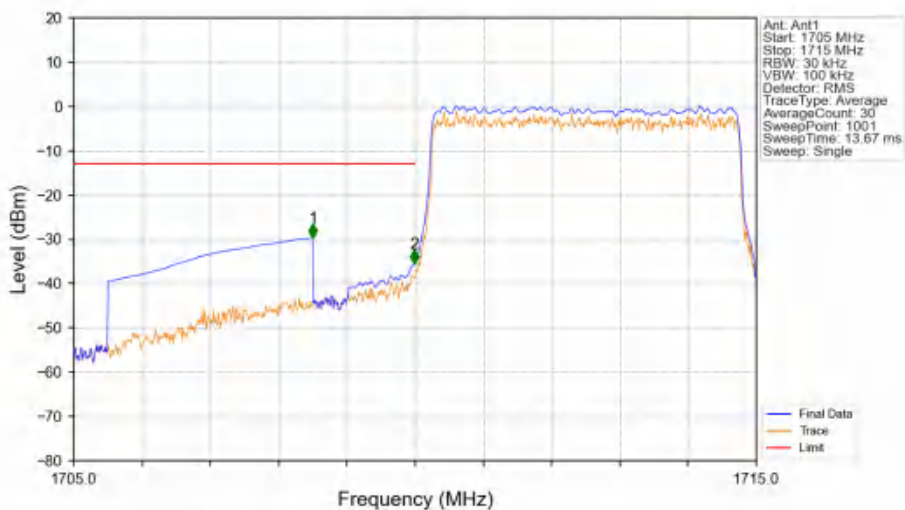
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



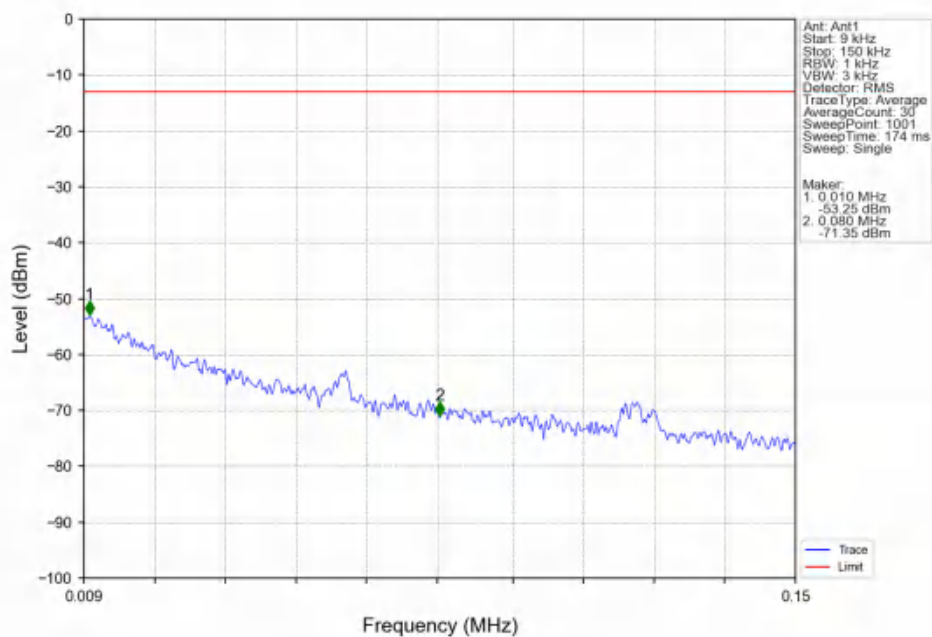
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN



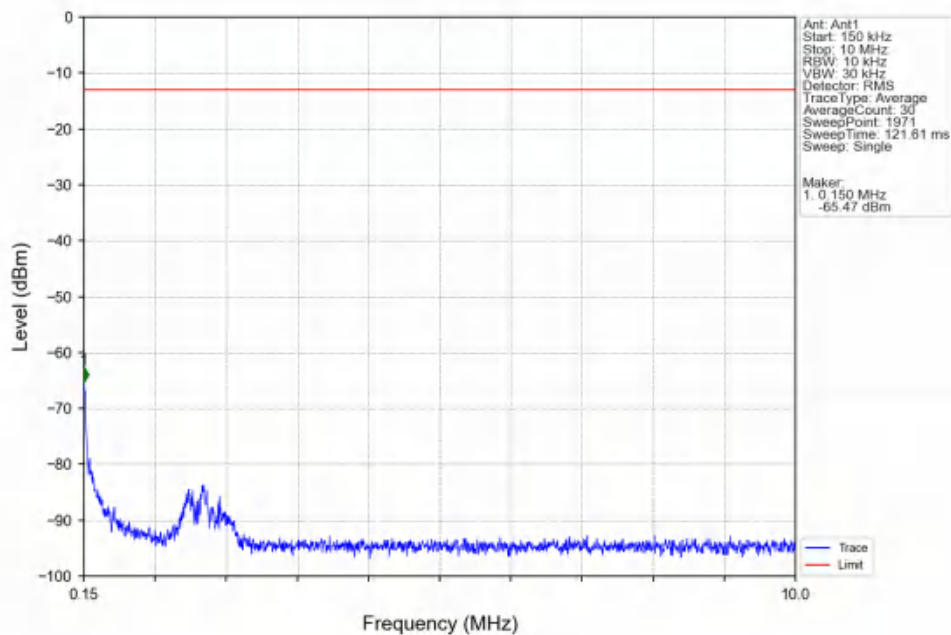
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



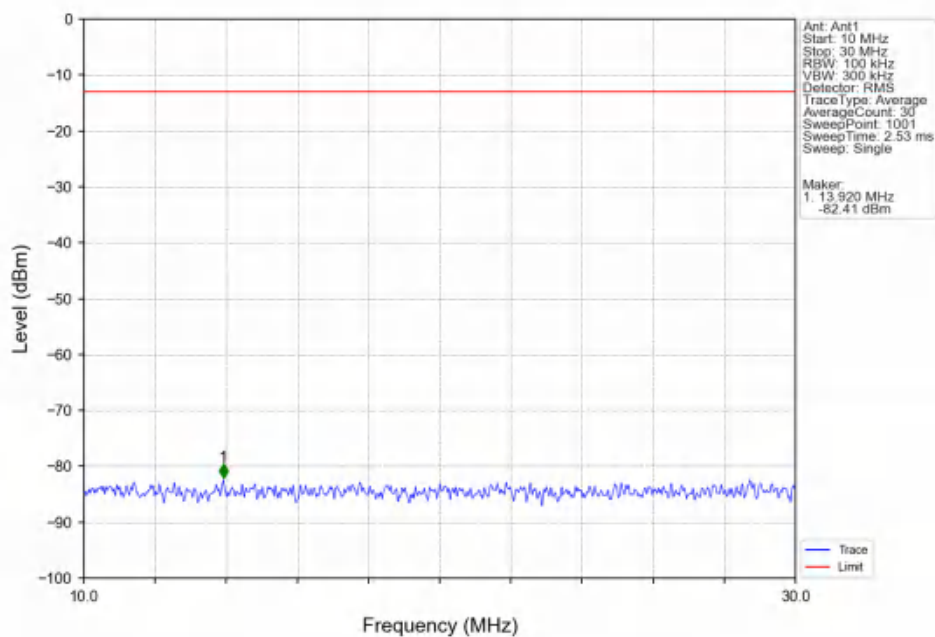
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



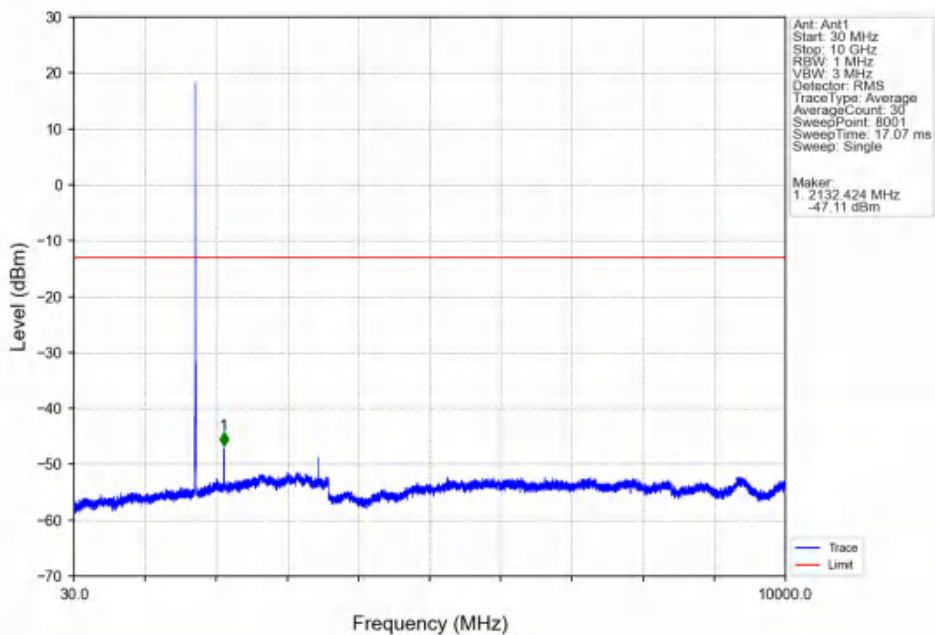
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



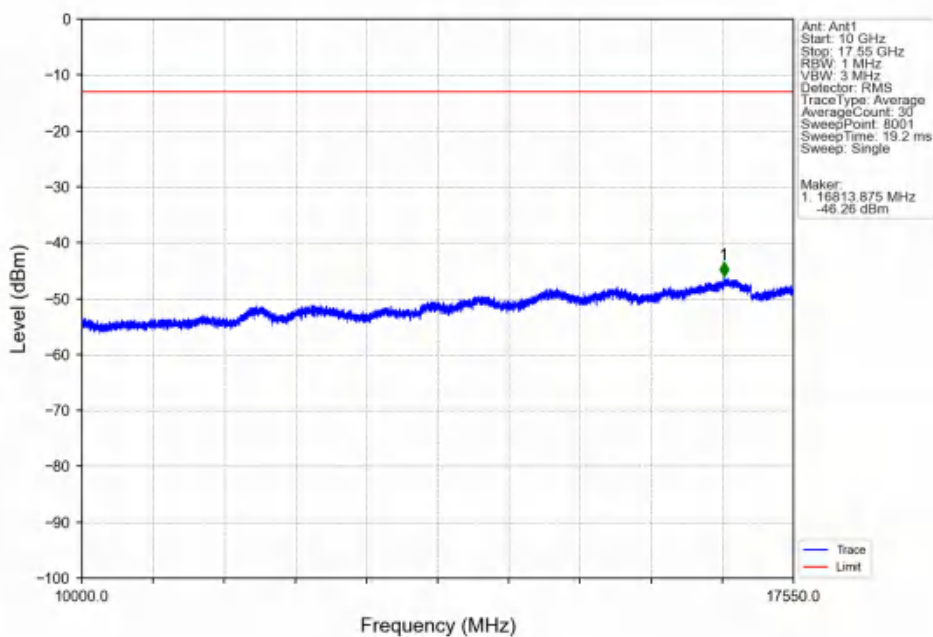
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



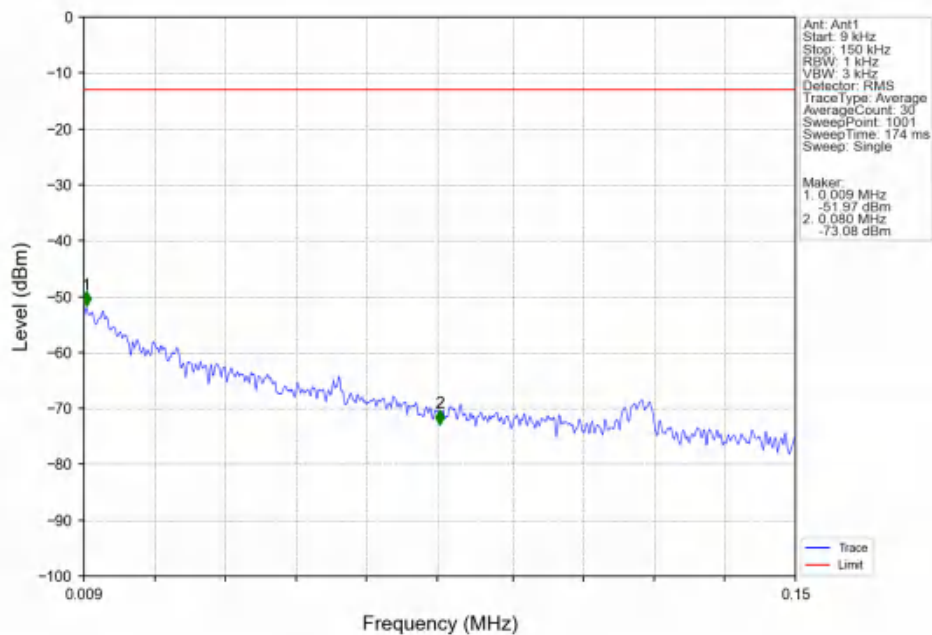
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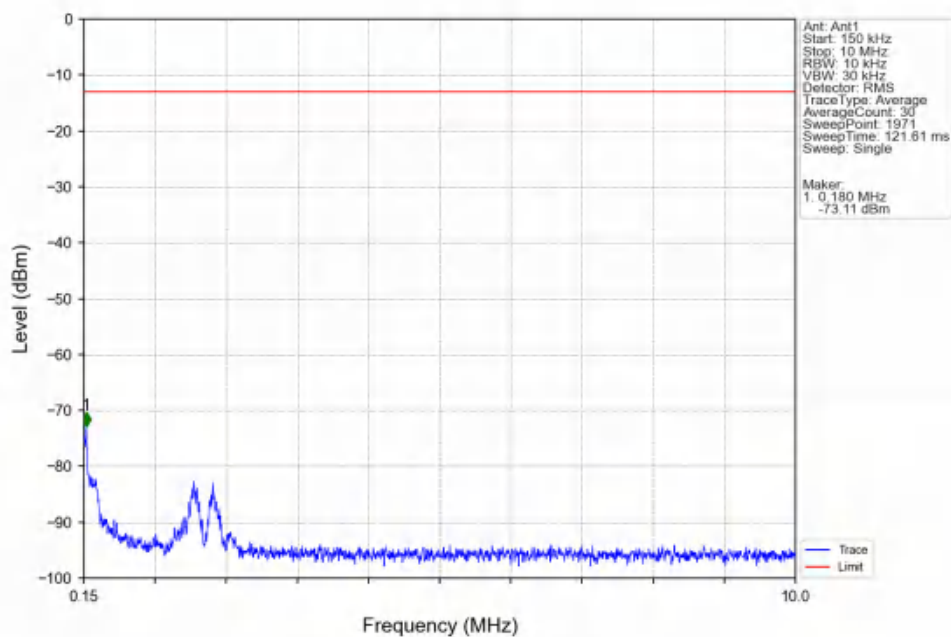
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



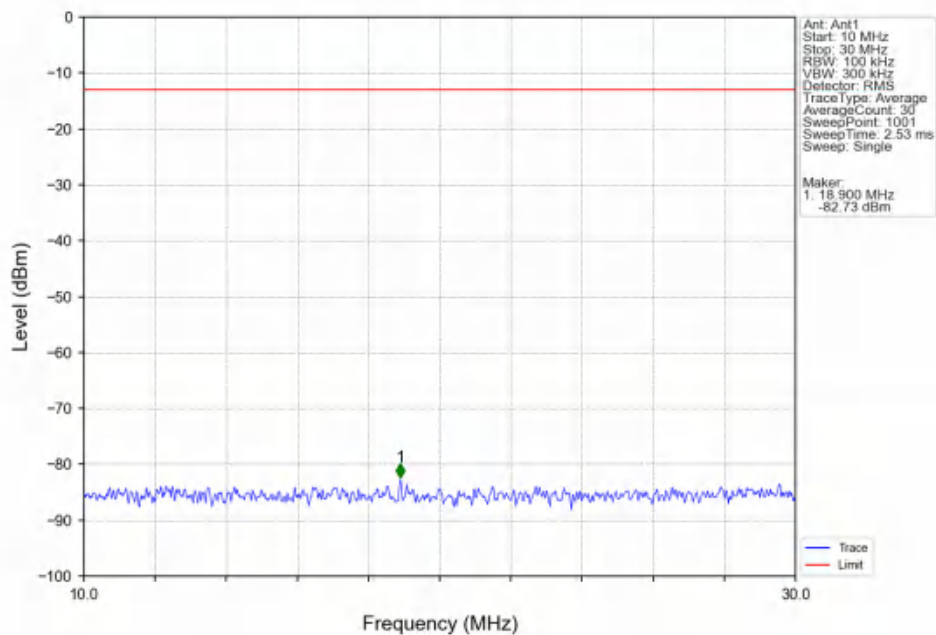
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



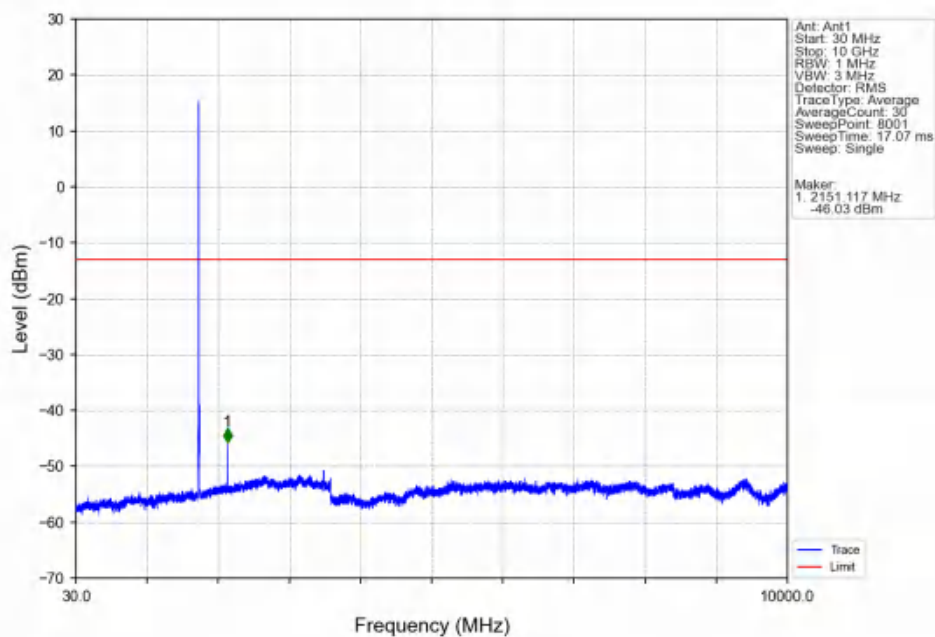
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



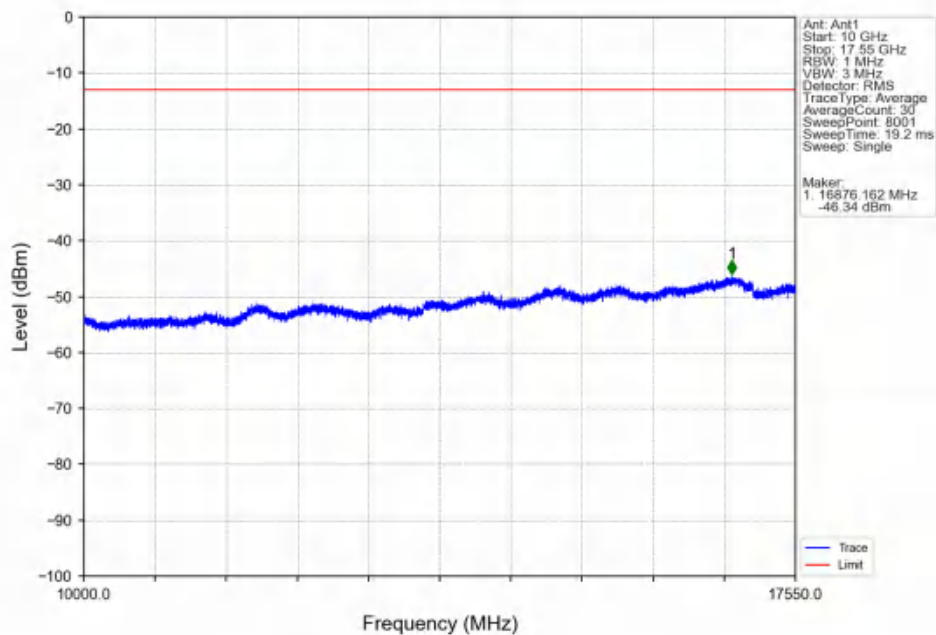
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



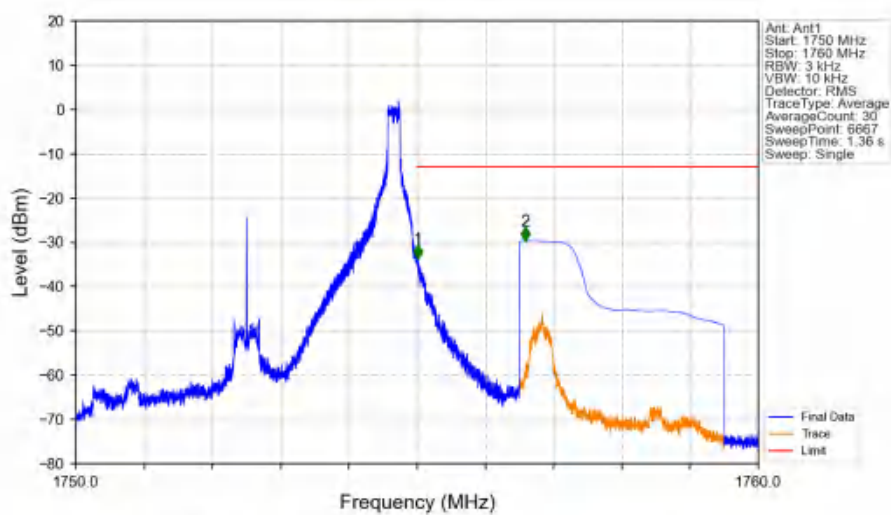
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

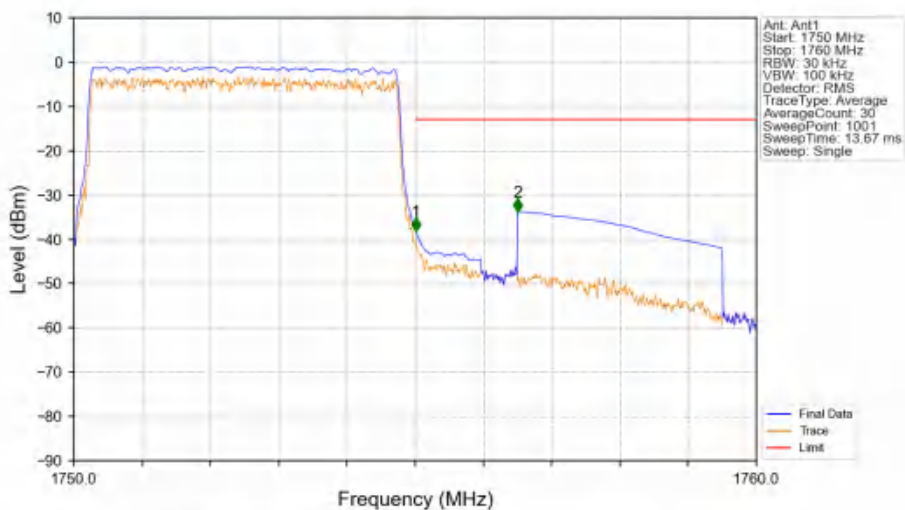


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTNV

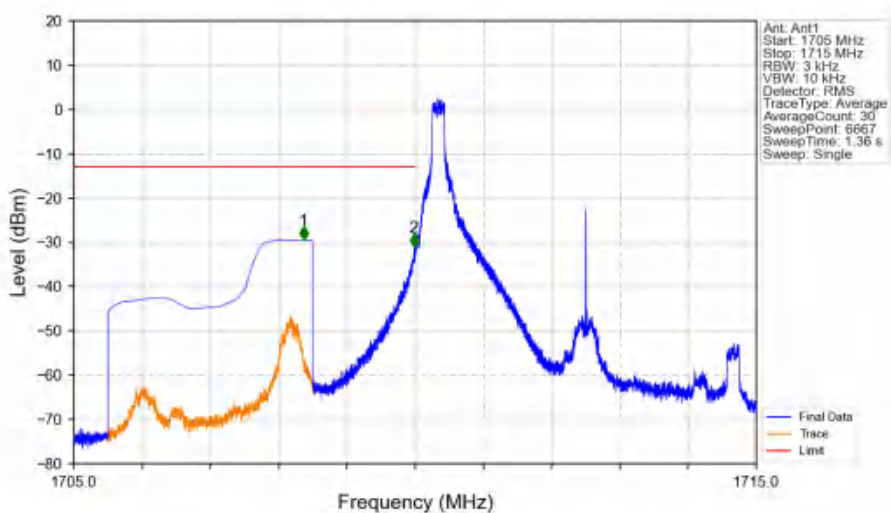


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-33.76	-13	Pass
1756	1760	1	CHP	2	1756.583	-29.73	-13	Pass

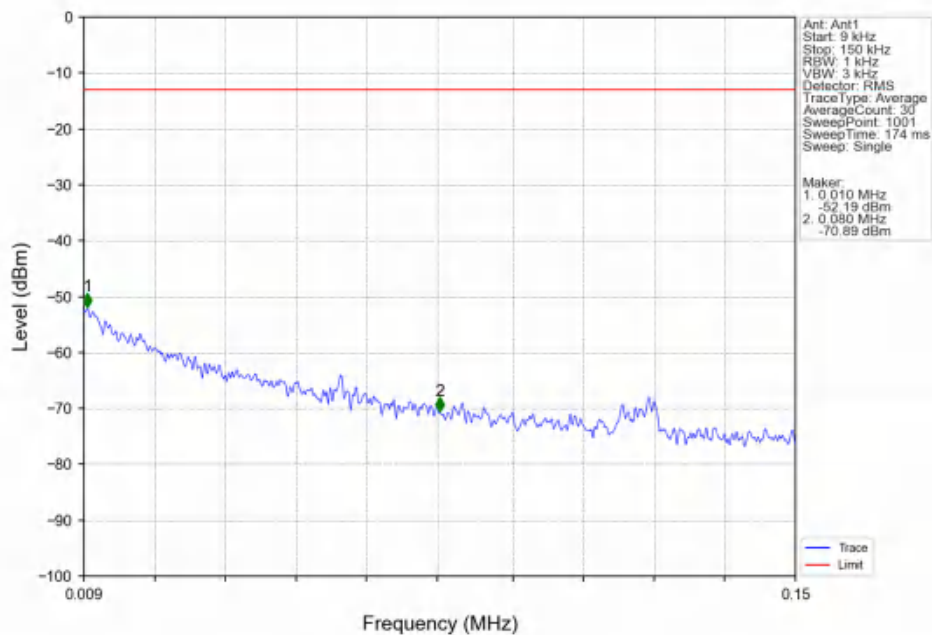
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



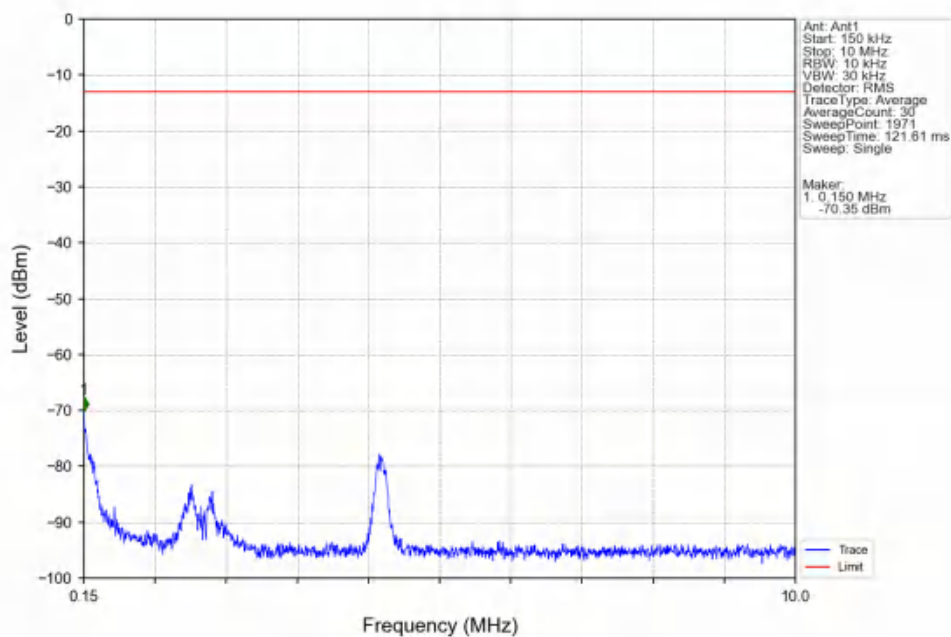
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV



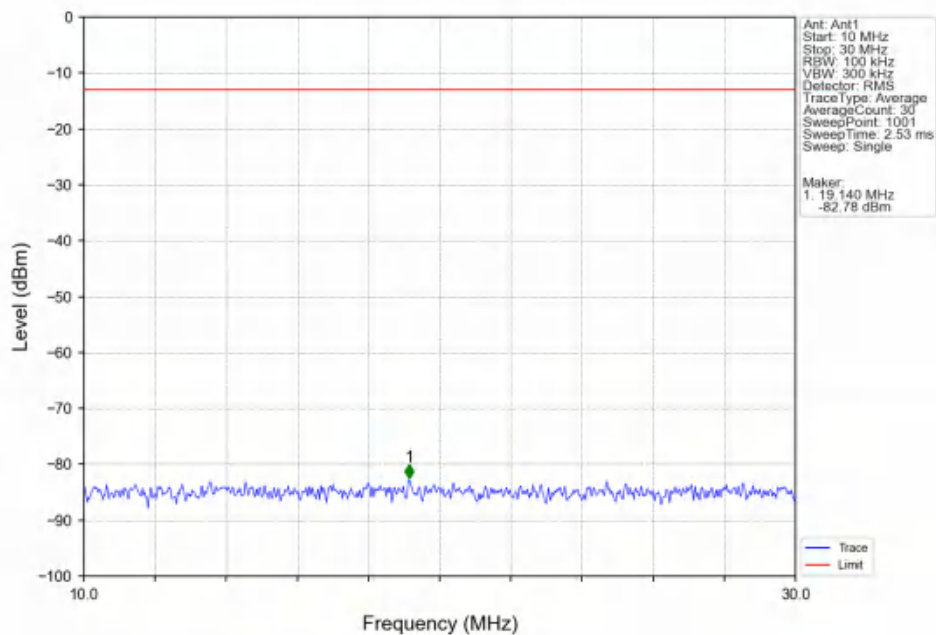
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



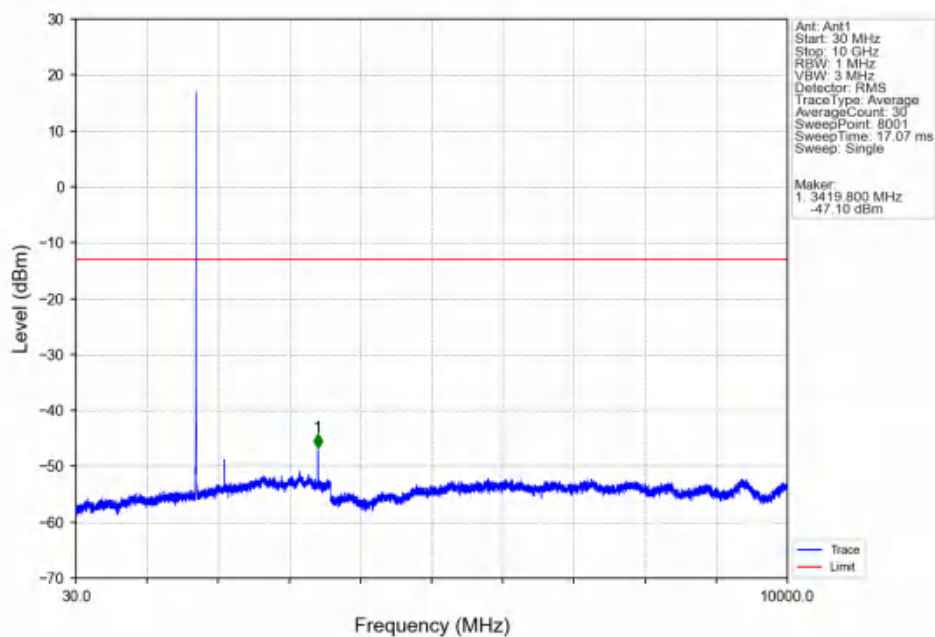
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



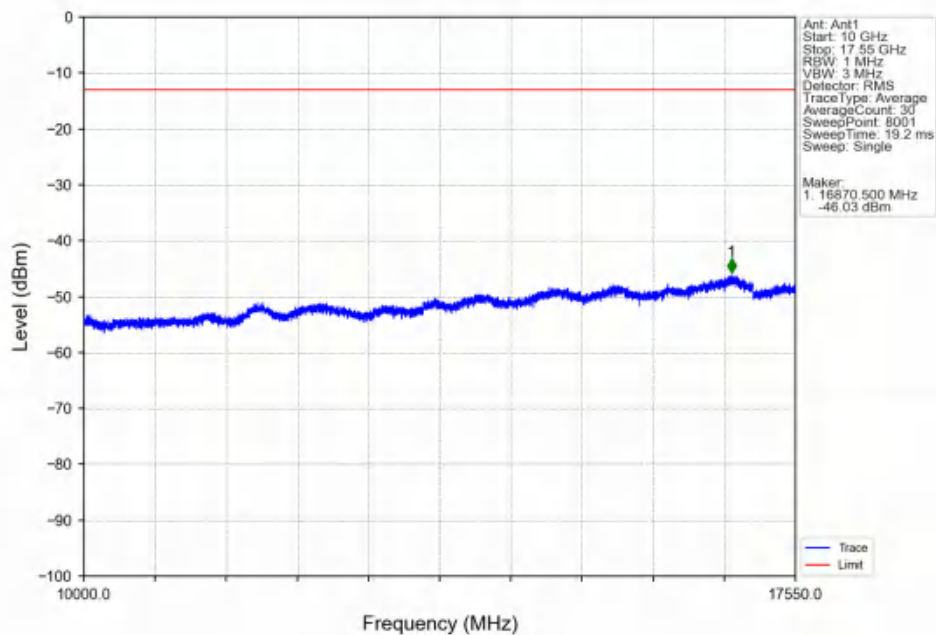
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



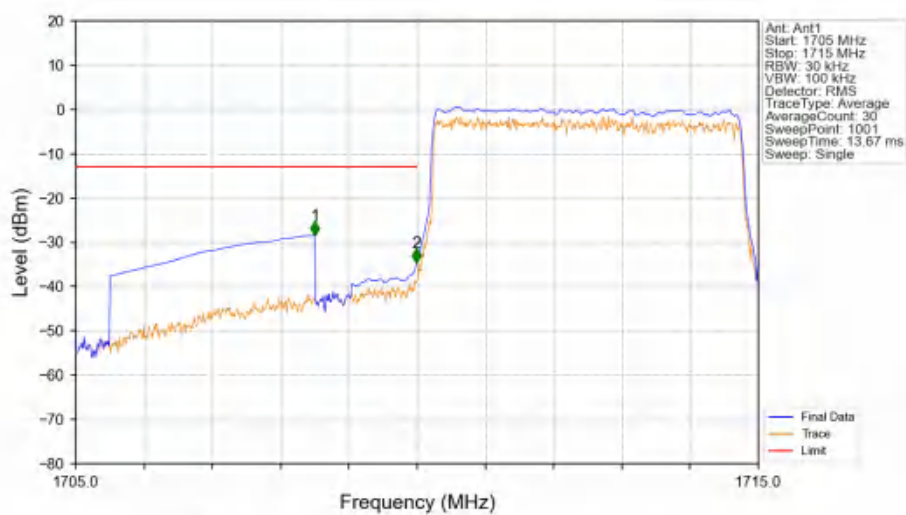
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



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

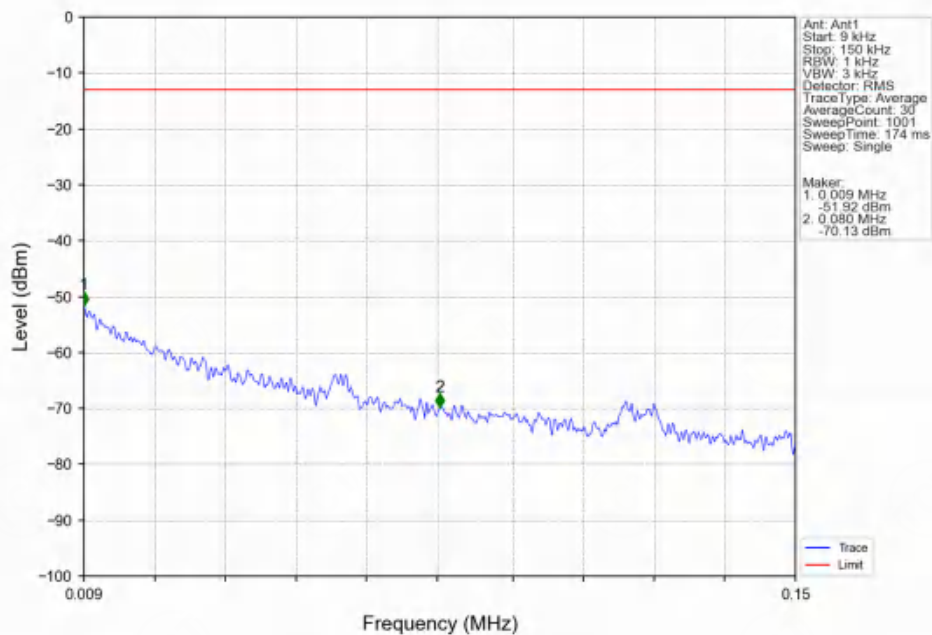


Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV

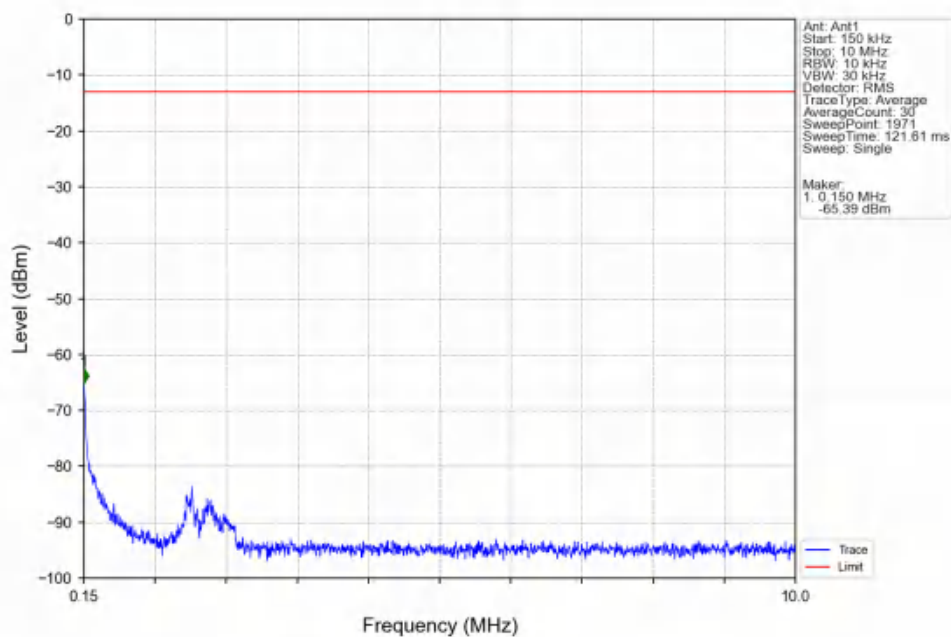


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-28.39	-13	Pass
1709	1710	0.067	CHP	2	1709.990	-34.67	-13	Pass
1710	1715	0.067	CHP	/	/	/	/	/

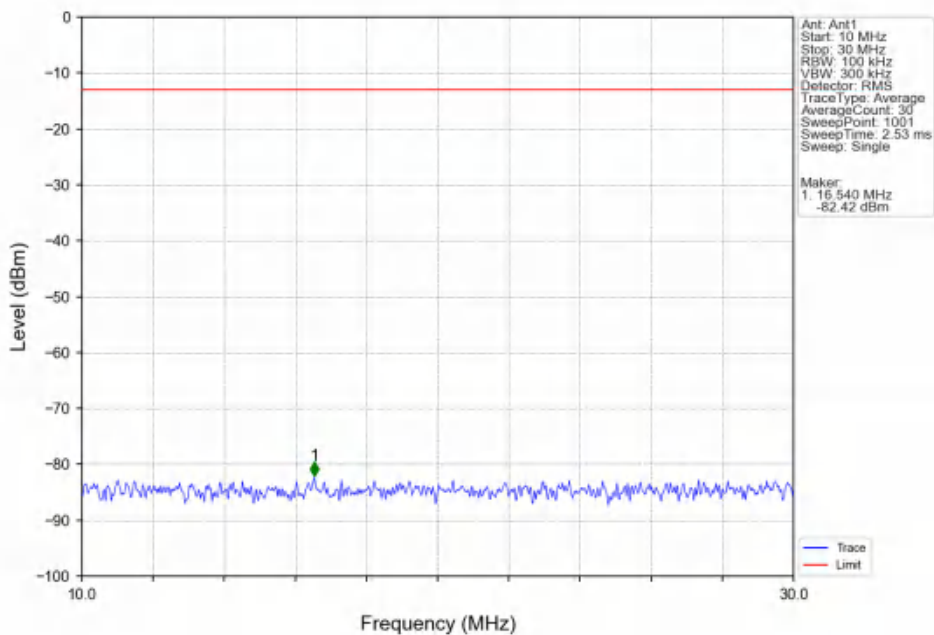
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



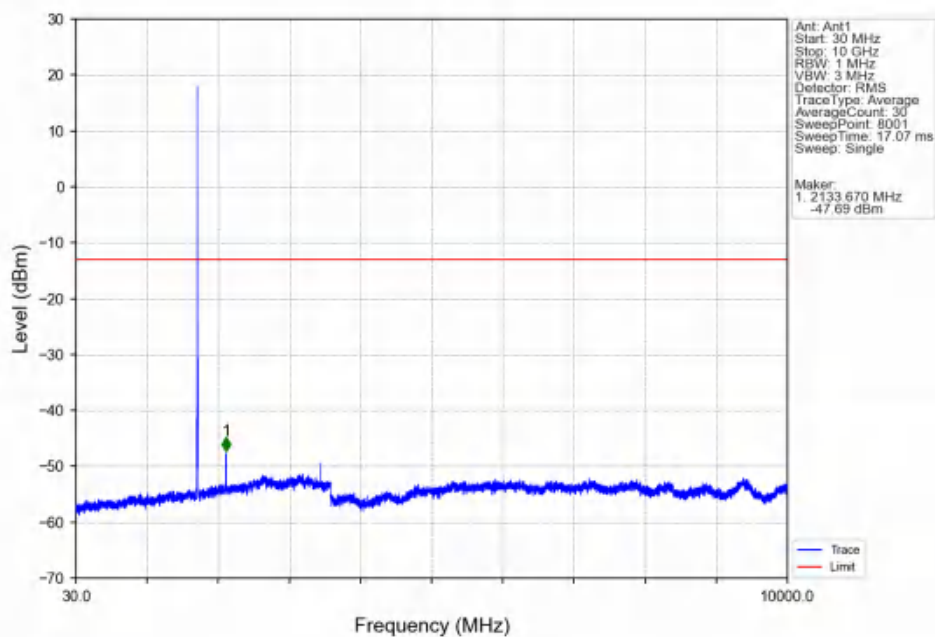
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



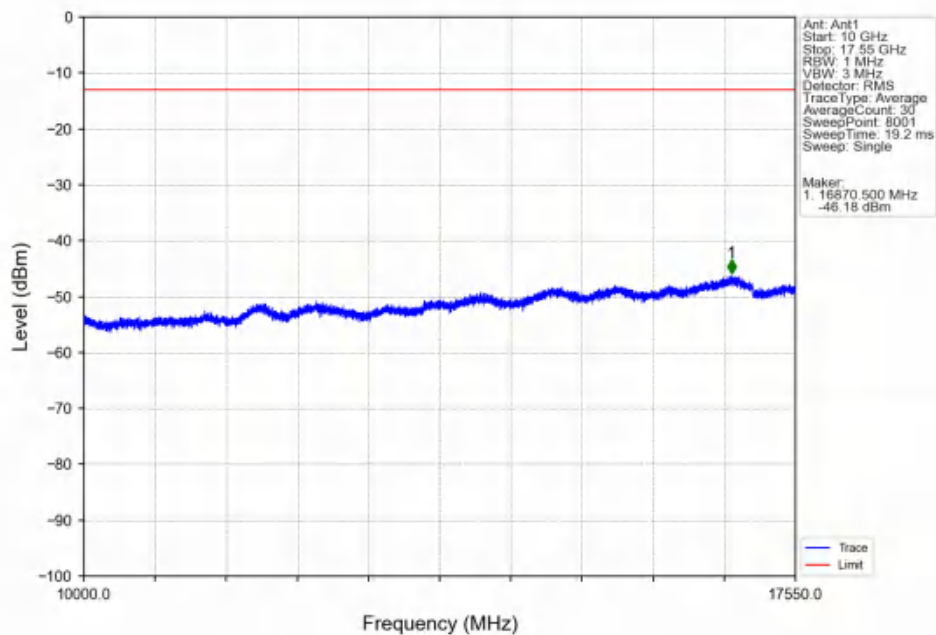
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



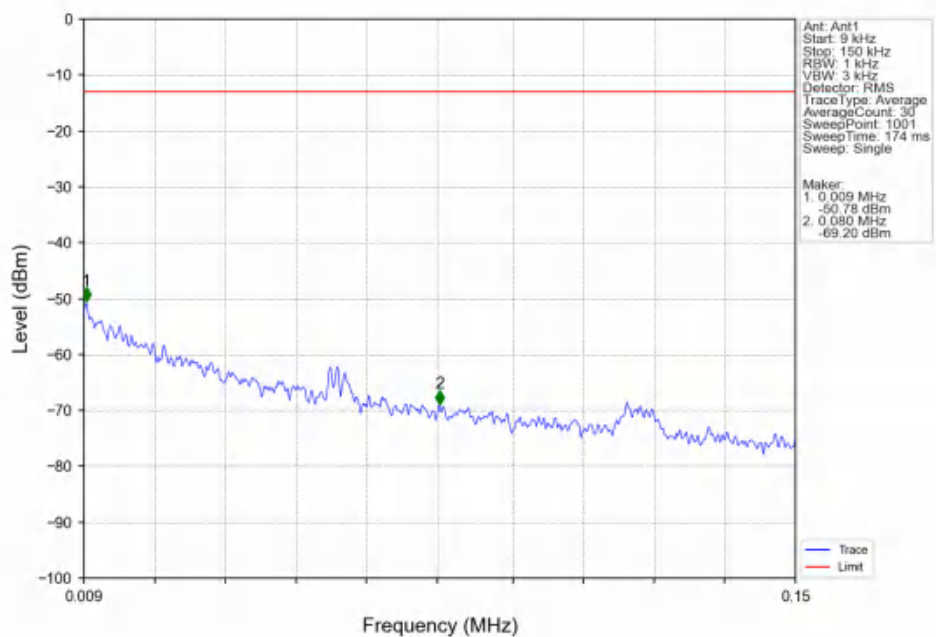
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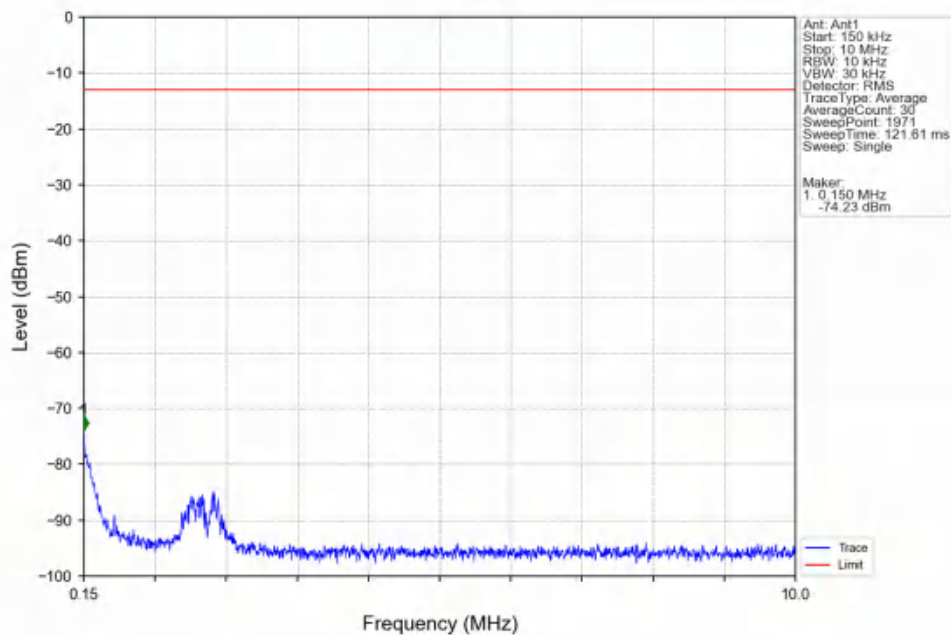
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



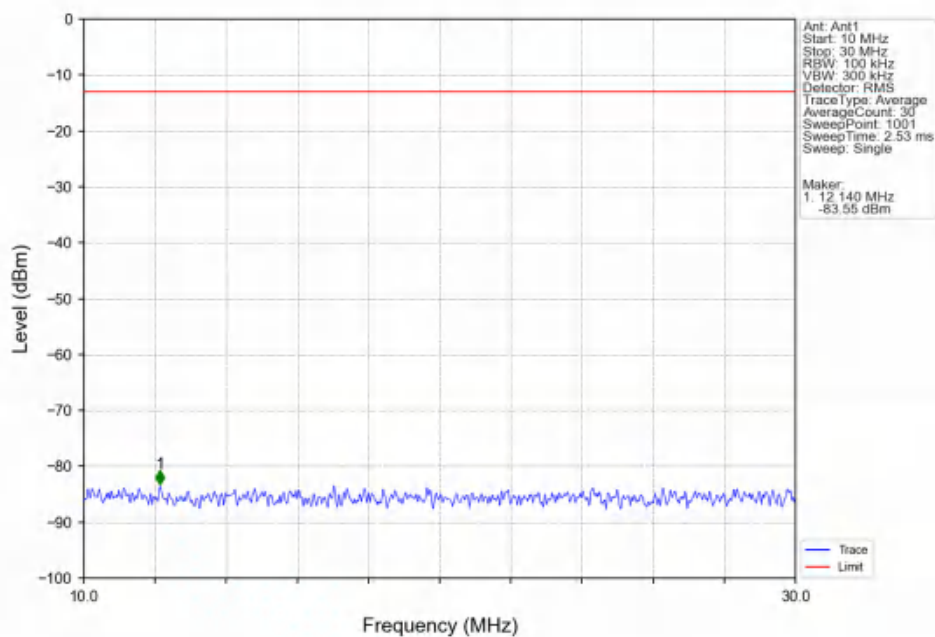
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



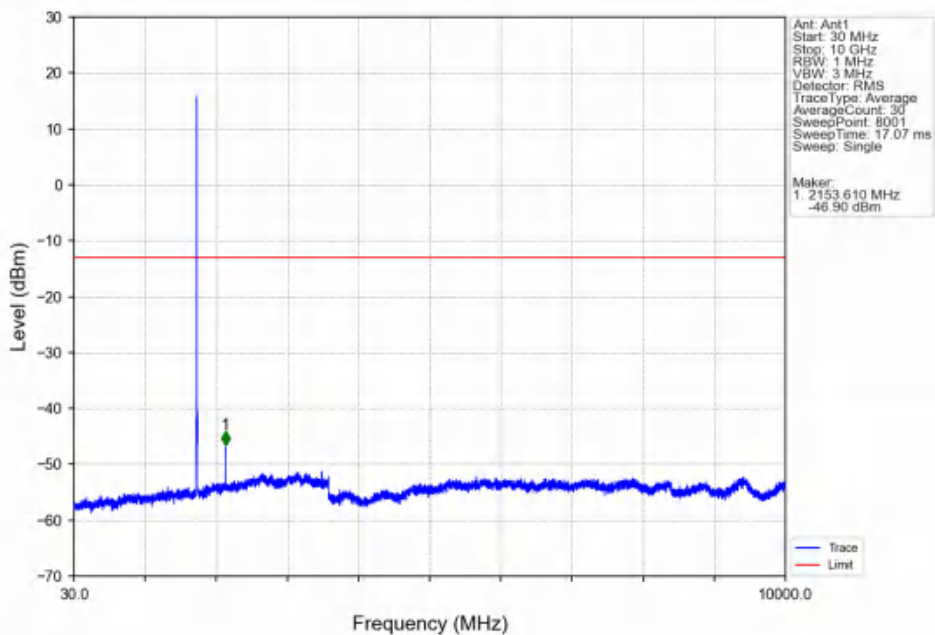
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



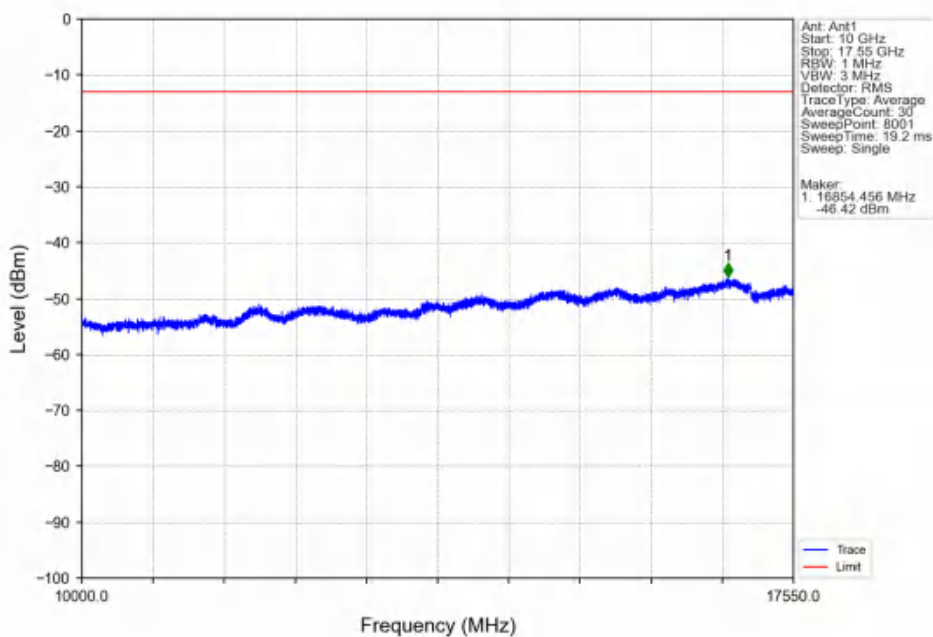
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



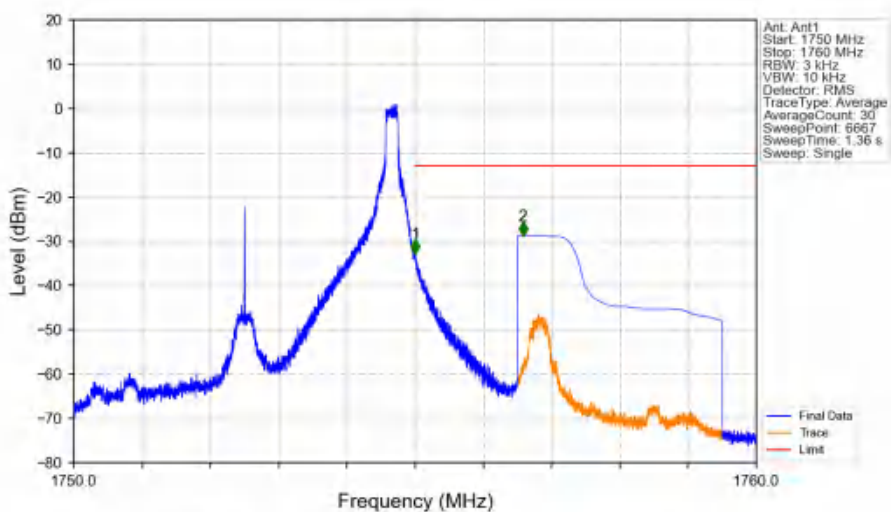
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTV



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

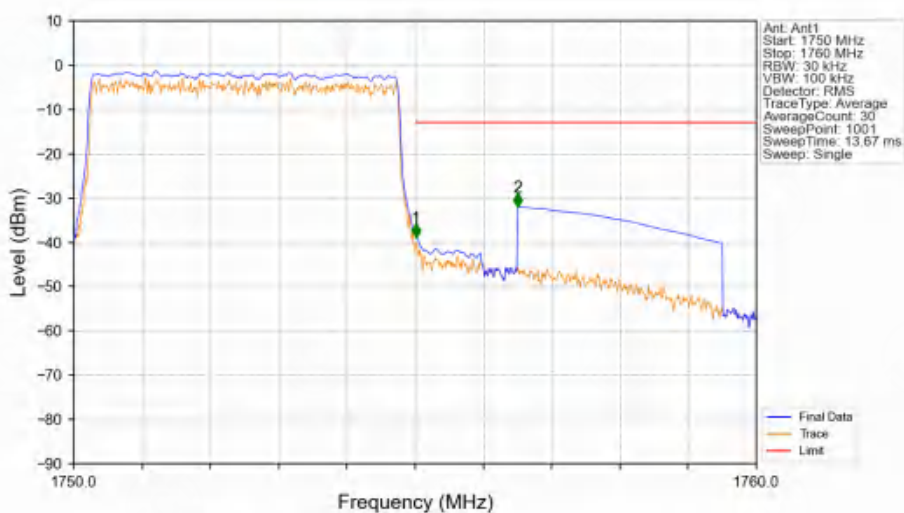


Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTNV



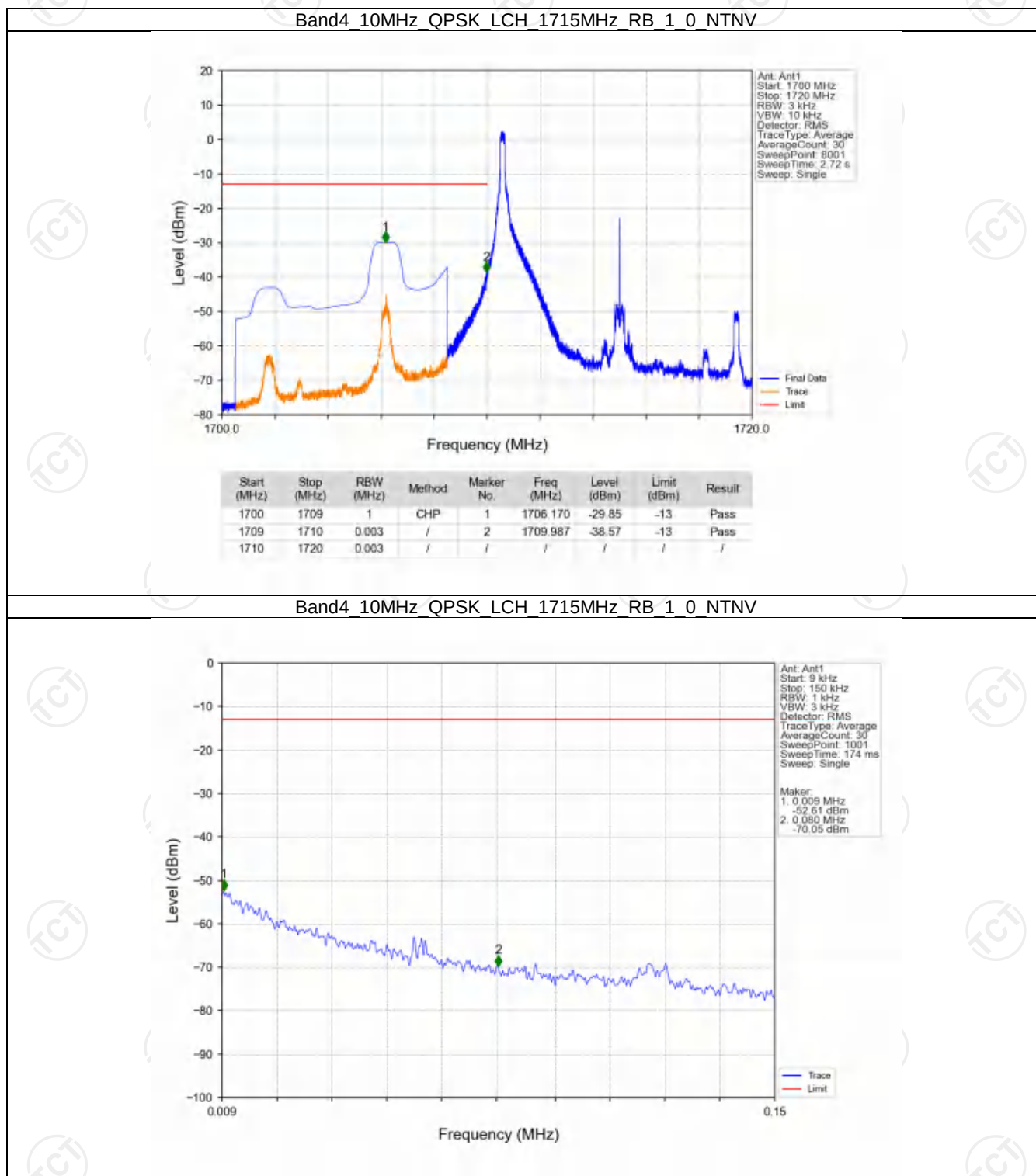
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-32.74	-13	Pass
1756	1760	1	CHP	2	1756.580	-28.75	-13	Pass

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

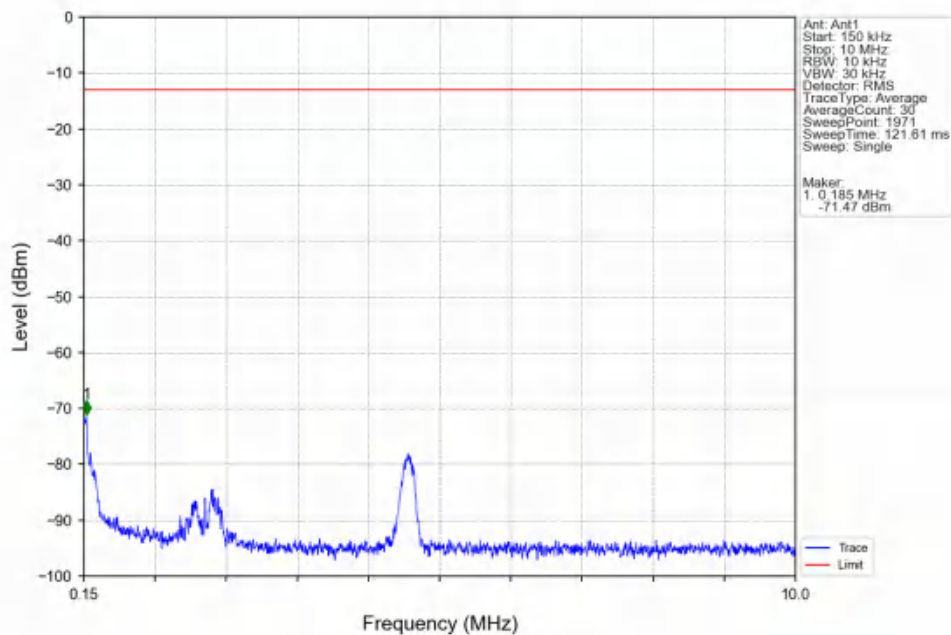


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.062	CHP	/	/	/	/	/
1755	1756	0.062	CHP	1	1755.010	-38.86	-13	Pass
1756	1760	1	CHP	2	1756.500	-32.05	-13	Pass

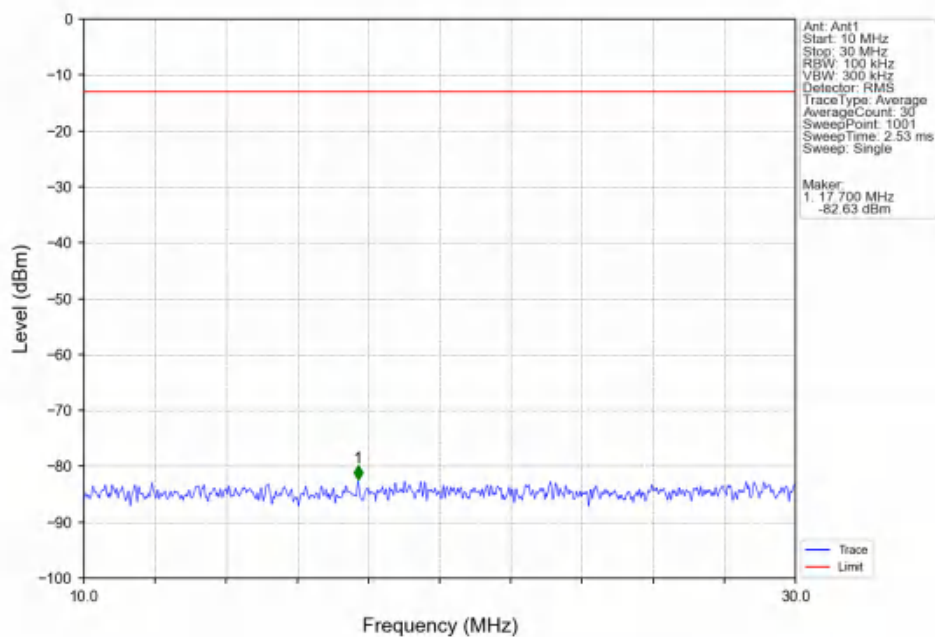
6.2.4 B4_10MHz



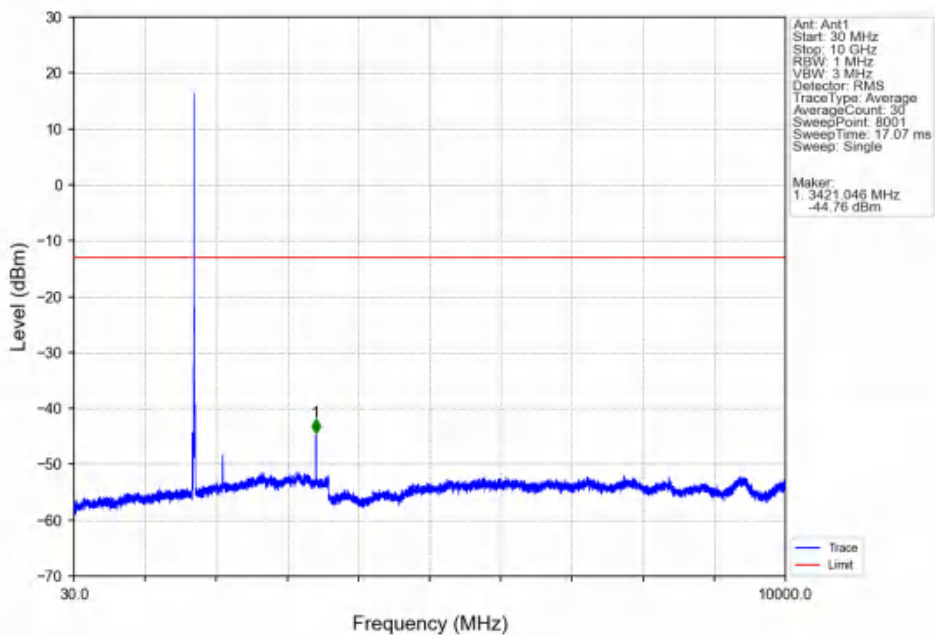
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTV



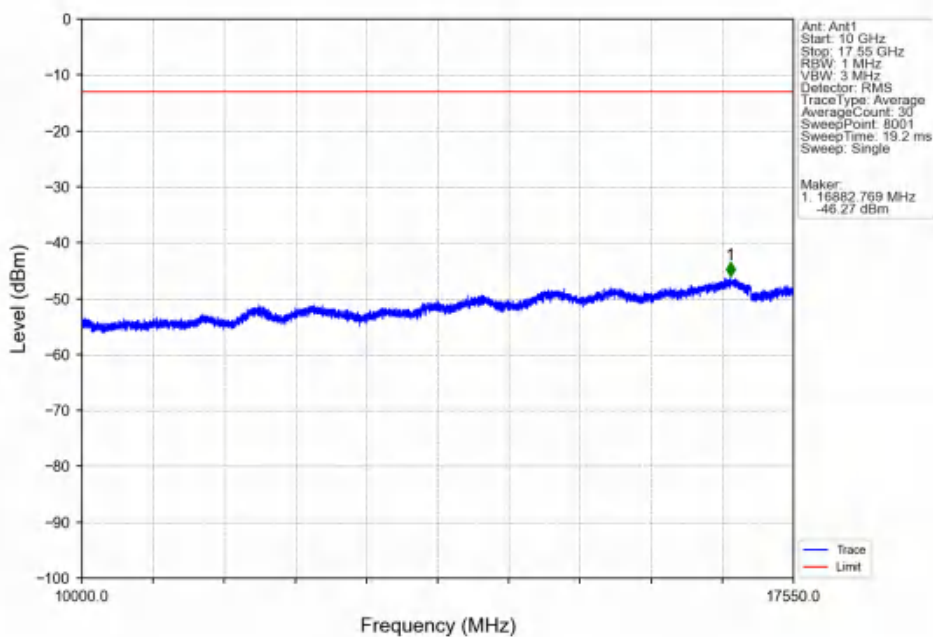
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTV



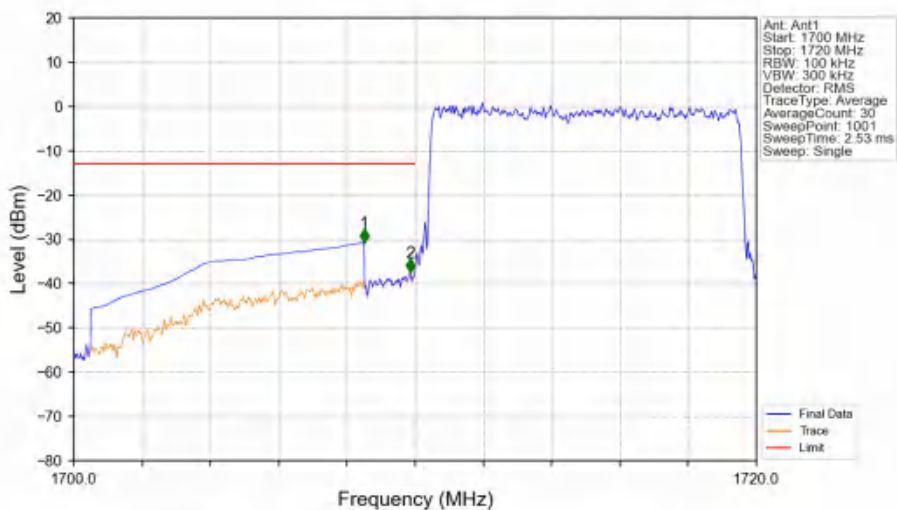
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

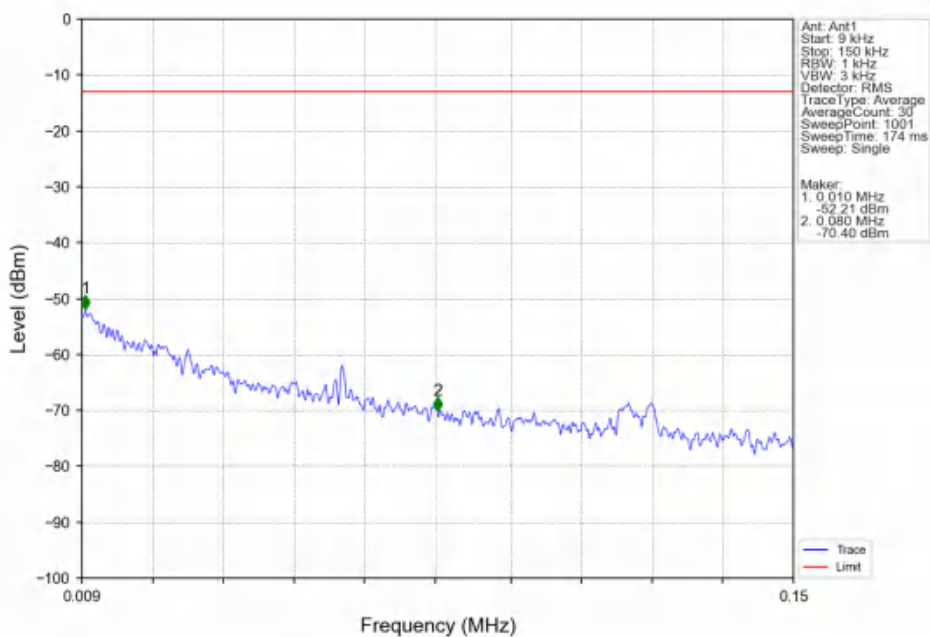


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

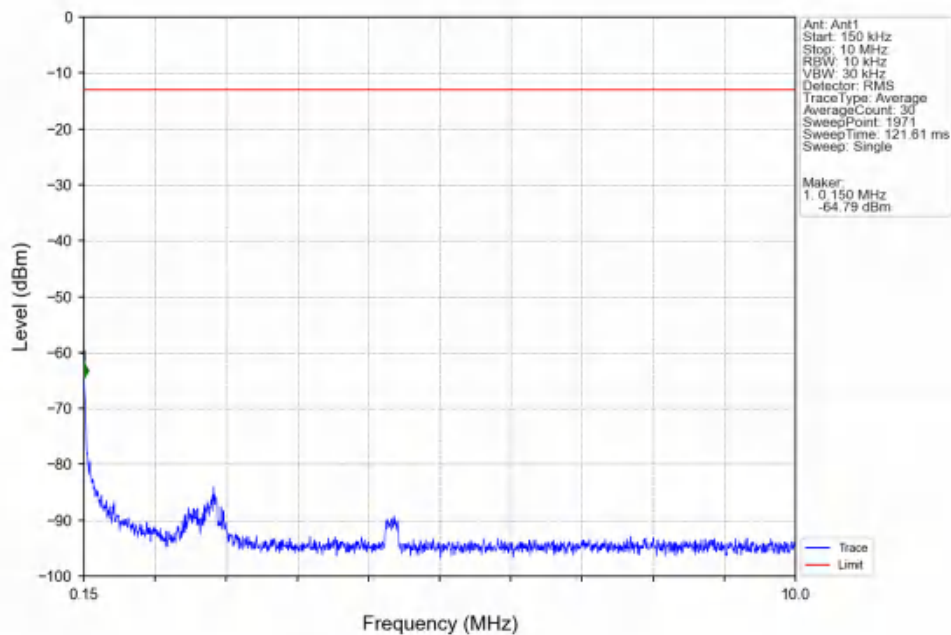


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-30.74	-13	Pass
1709	1710	0.1	/	2	1709.860	-37.45	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

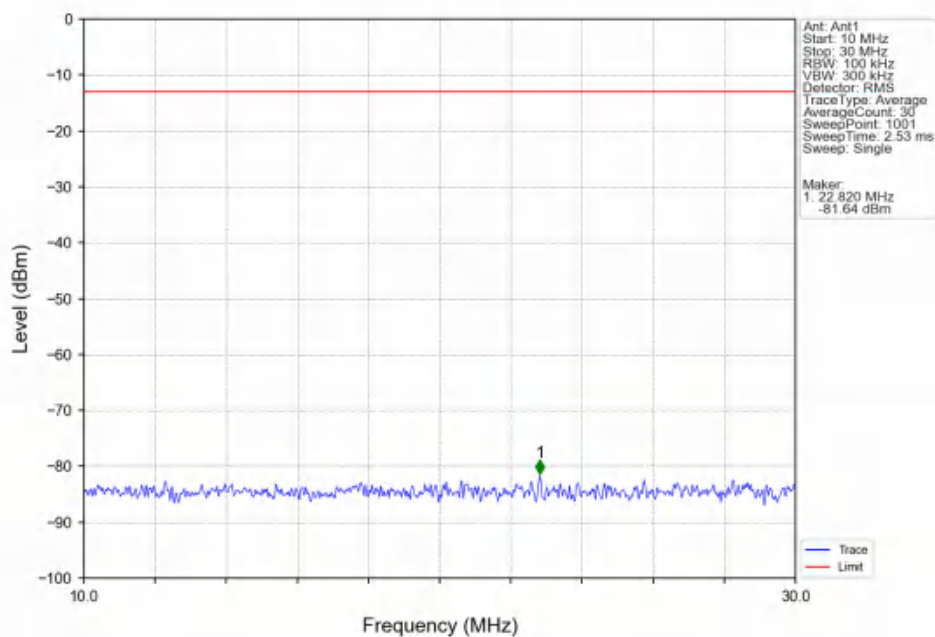
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



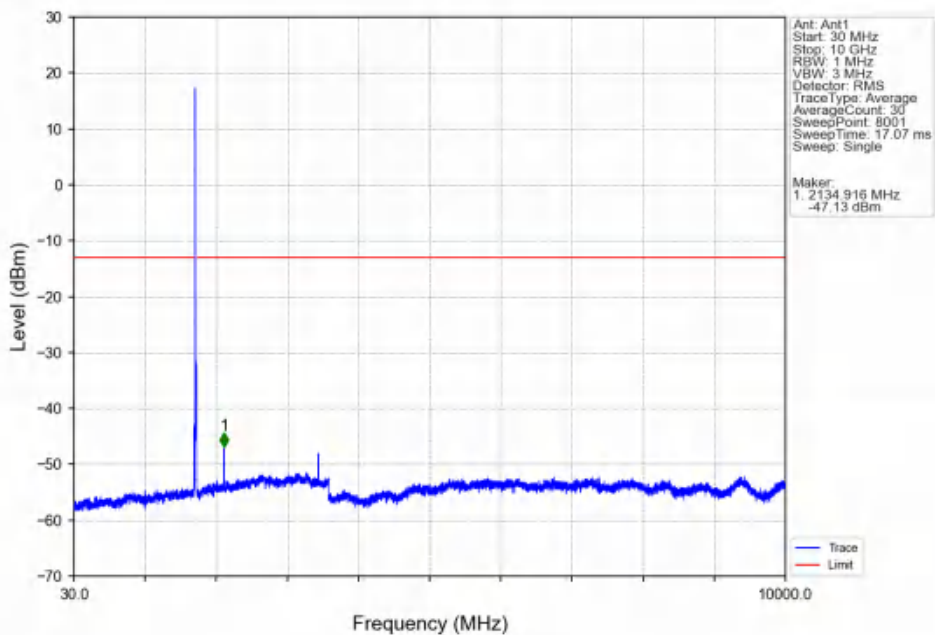
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



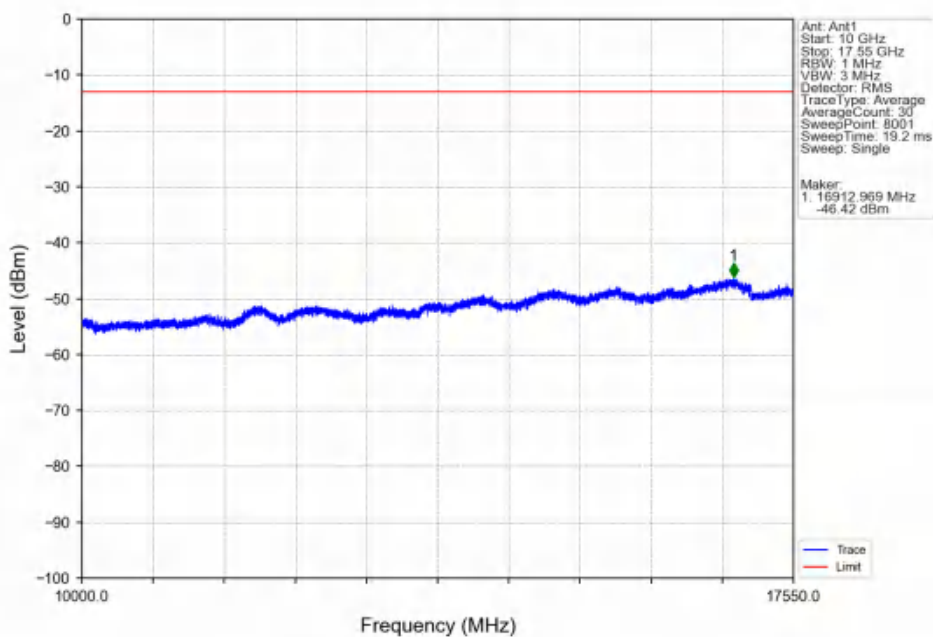
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



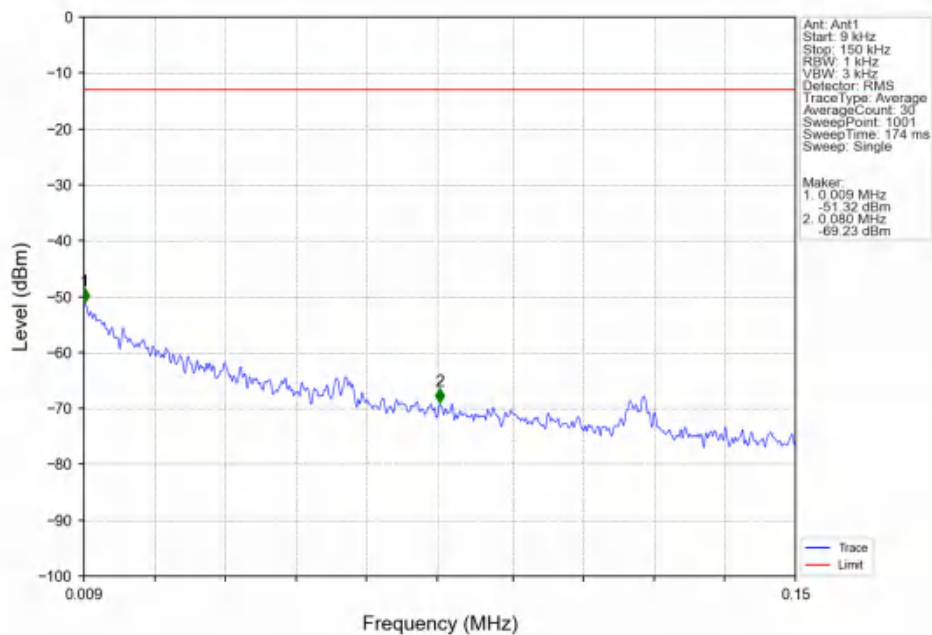
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



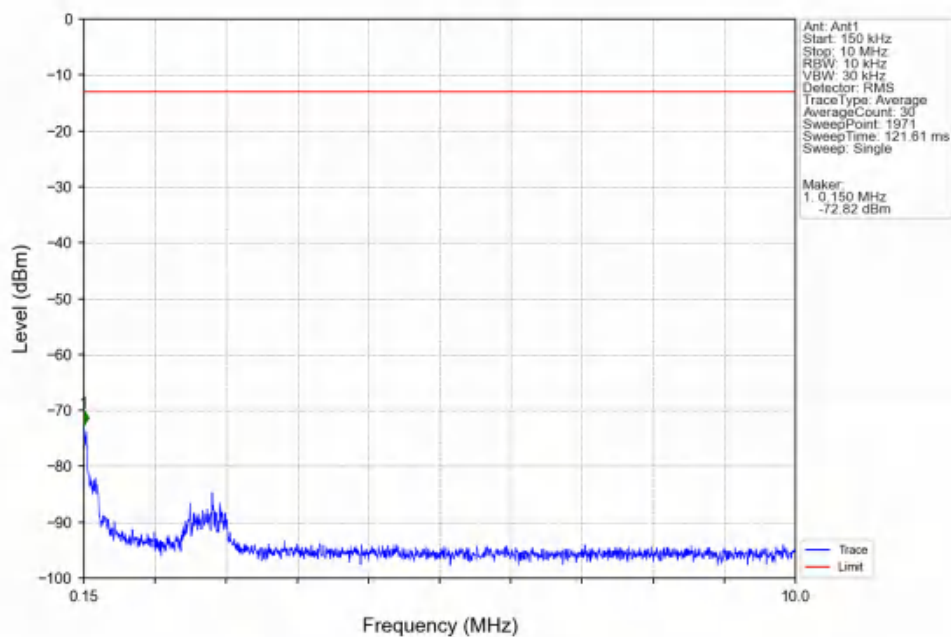
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



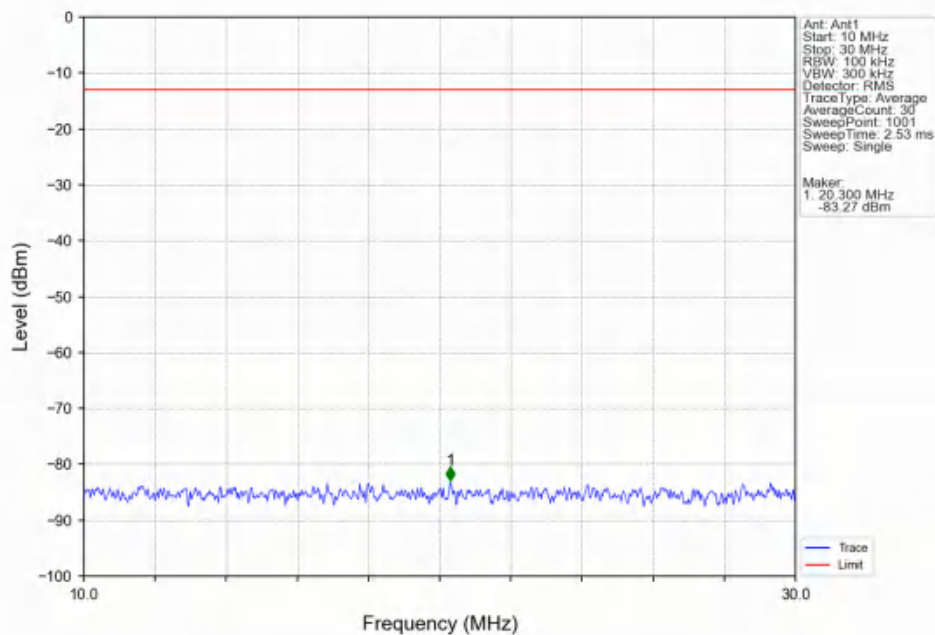
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



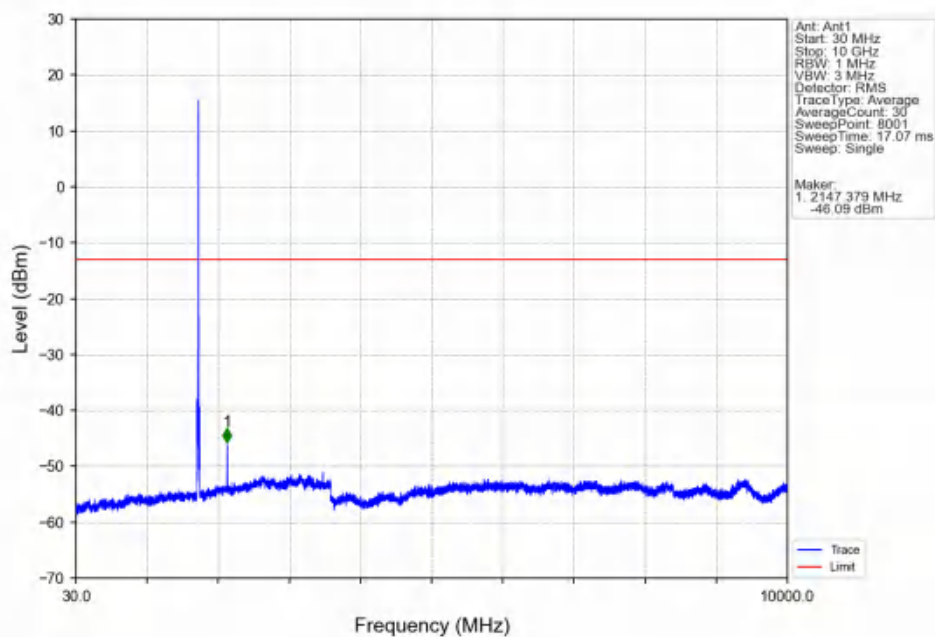
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



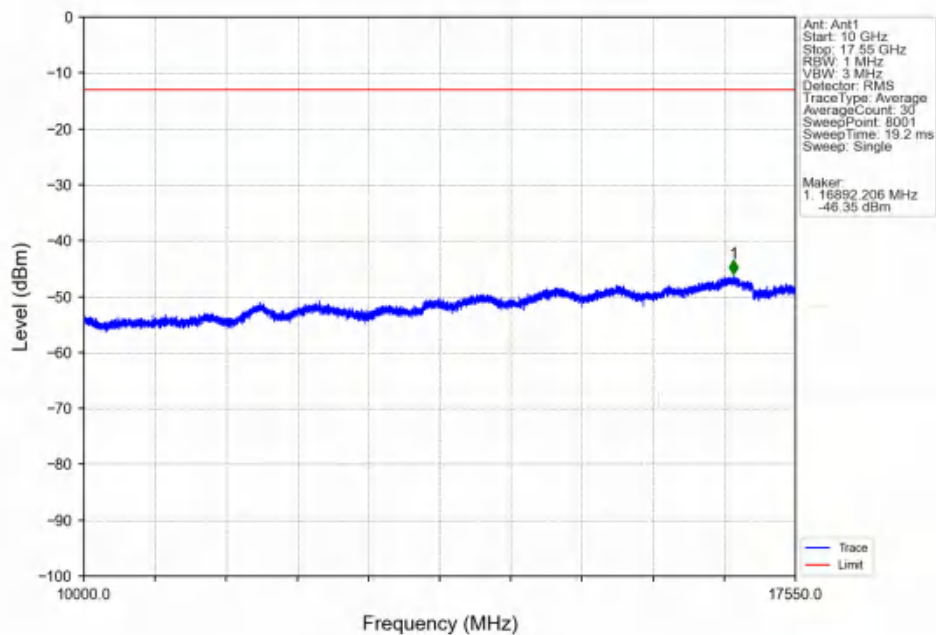
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



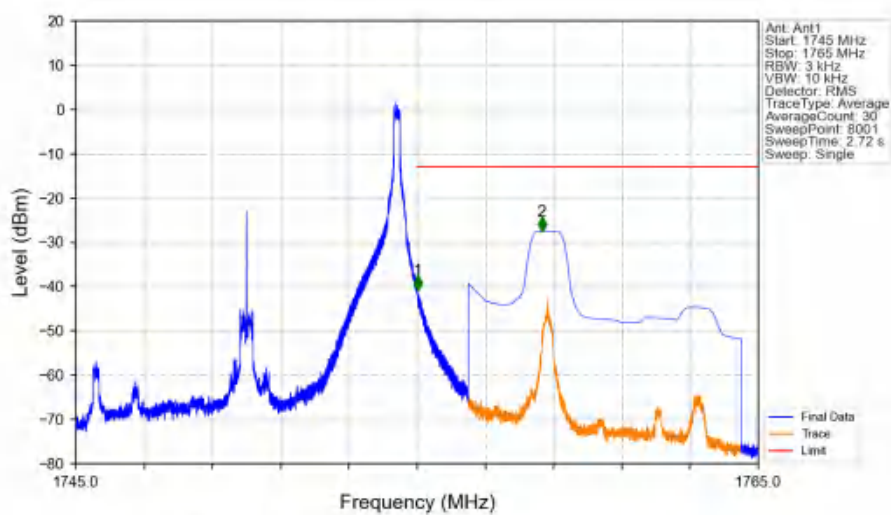
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV

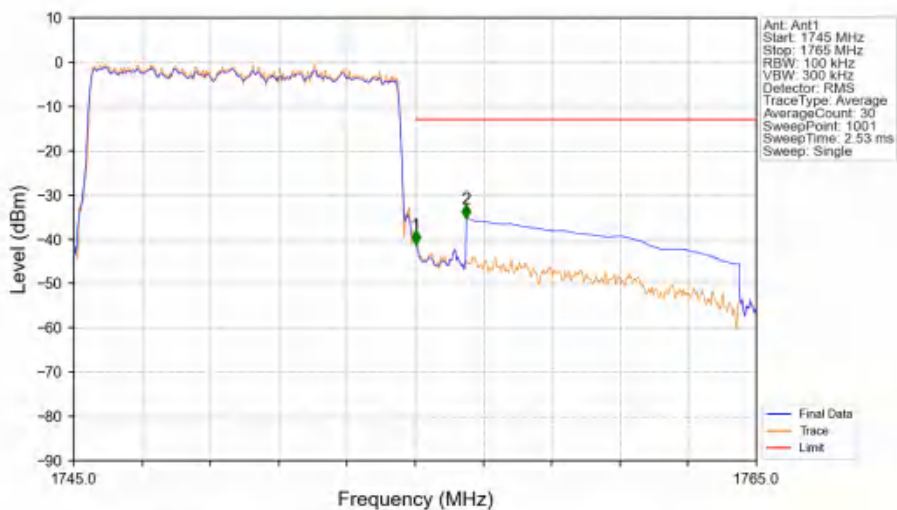


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



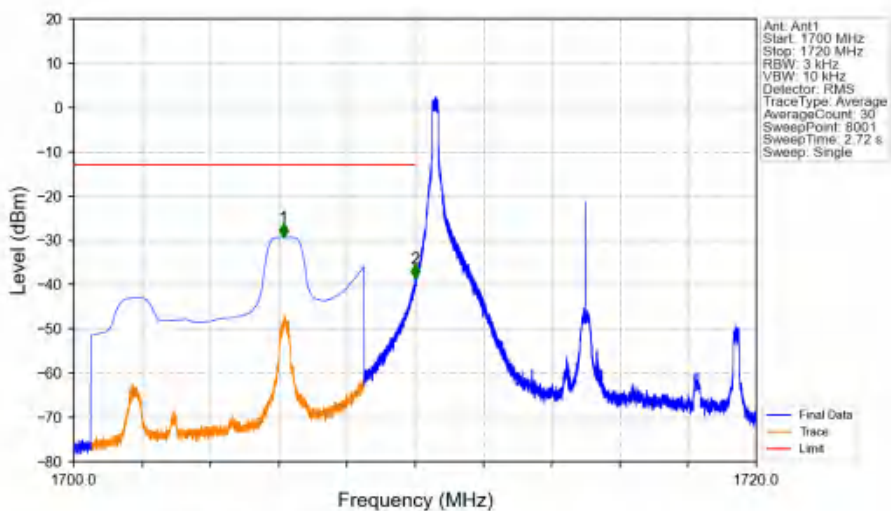
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-40.80	-13	Pass
1756	1765	1	CHP	2	1758.652	-27.53	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



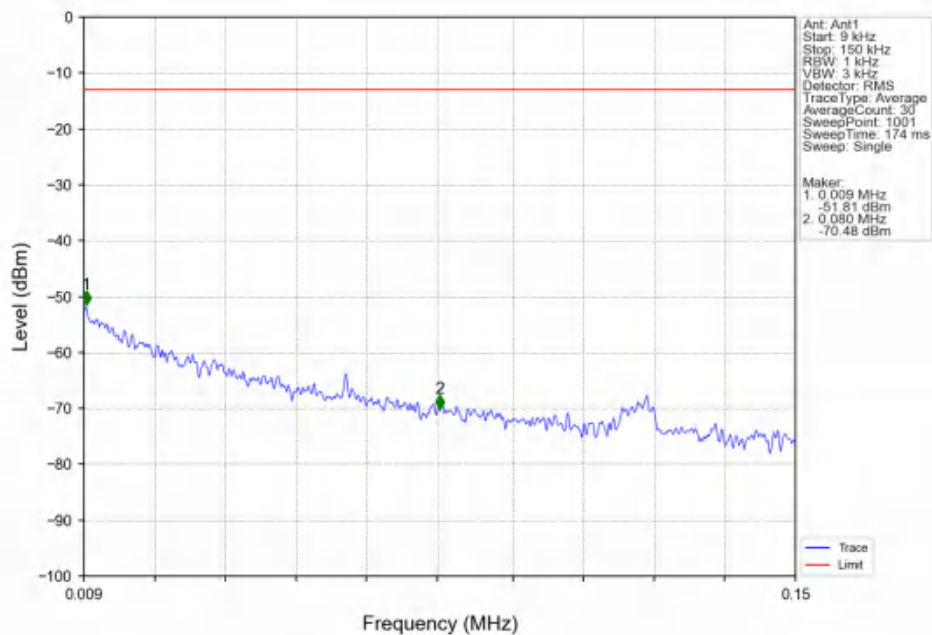
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.106	CHP	/	/	/	/	/
1755	1756	0.106	CHP	1	1755.020	-41.07	-13	Pass
1756	1765	1	CHP	2	1756.500	-35.30	-13	Pass

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

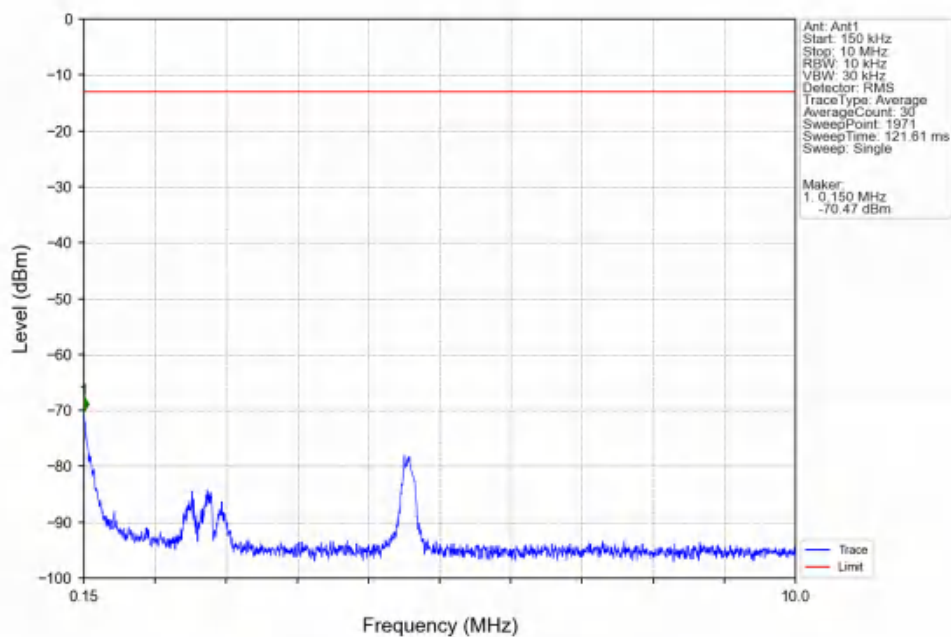


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.142	-29.32	-13	Pass
1709	1710	0.003	/	2	1709.997	-38.67	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

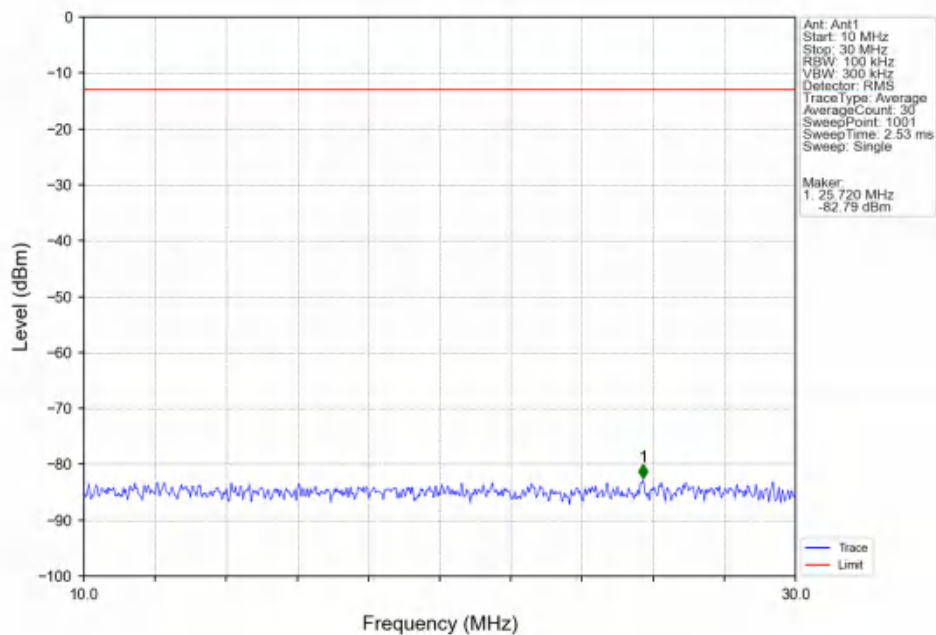
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTN



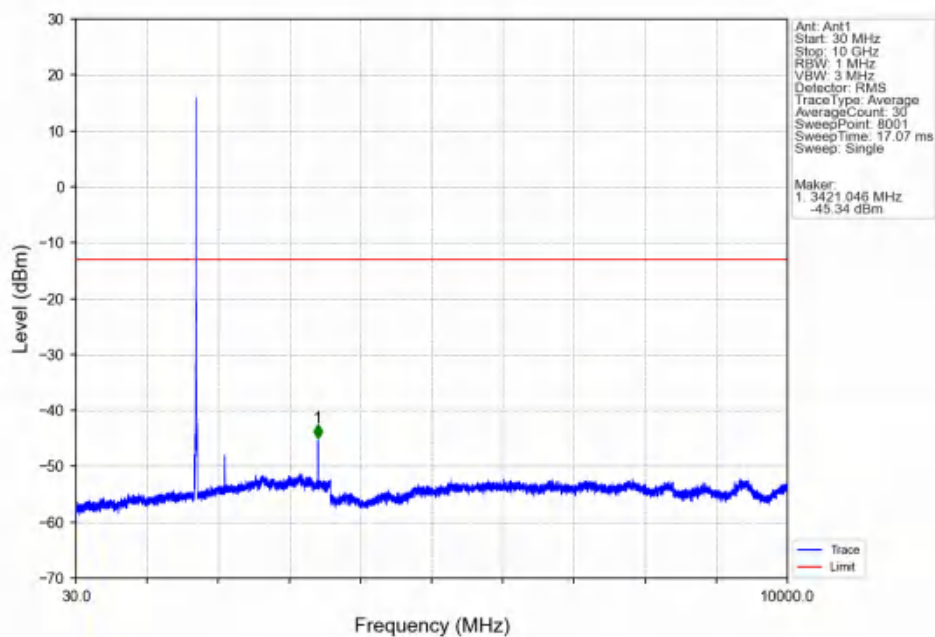
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTN



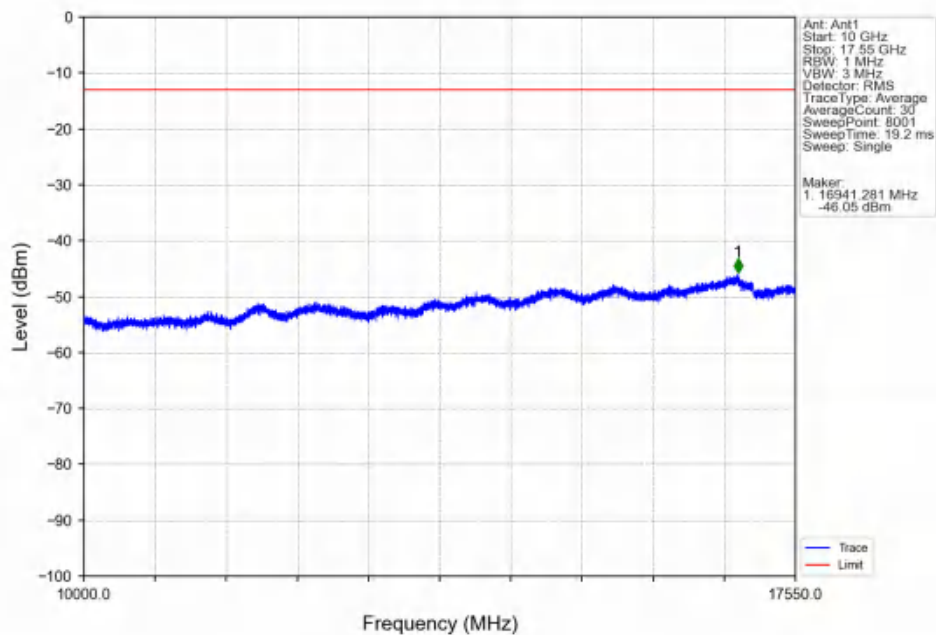
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



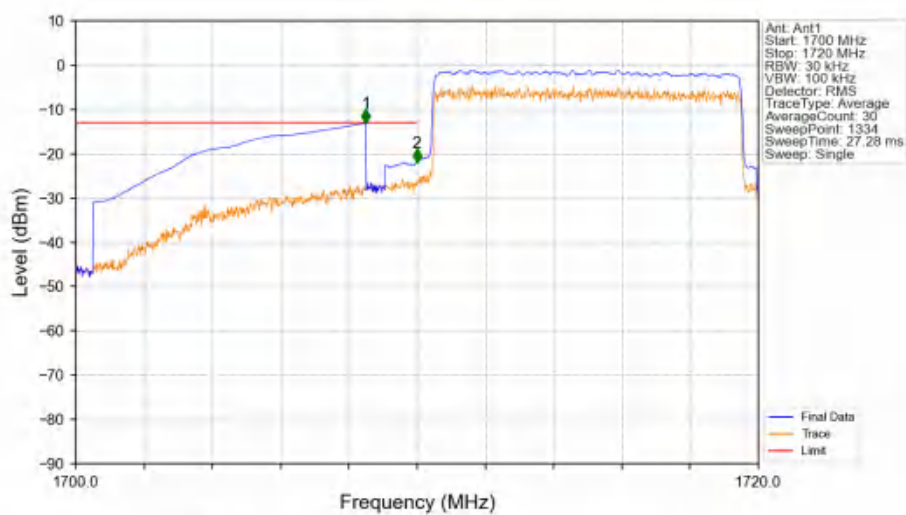
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



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

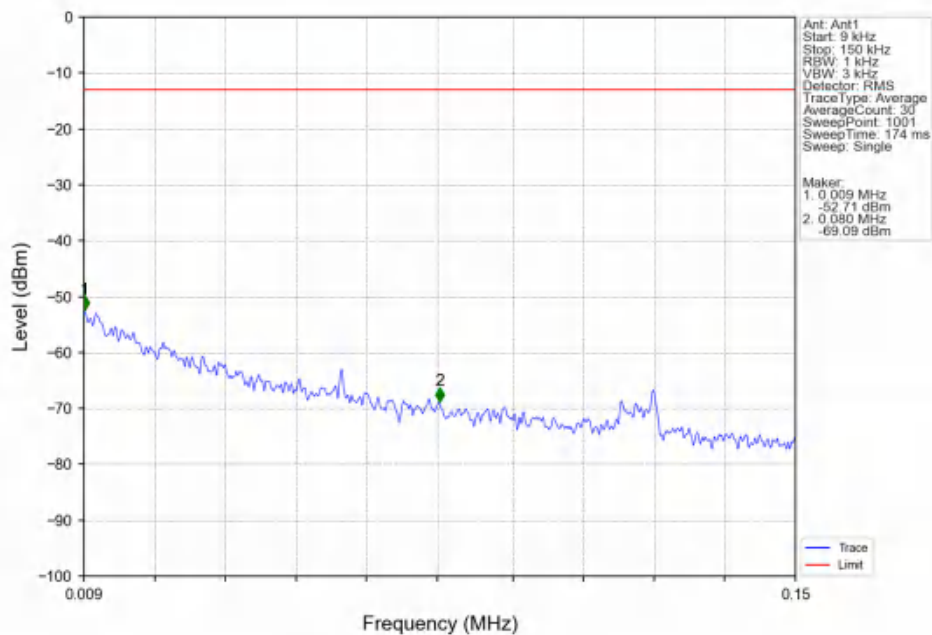


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

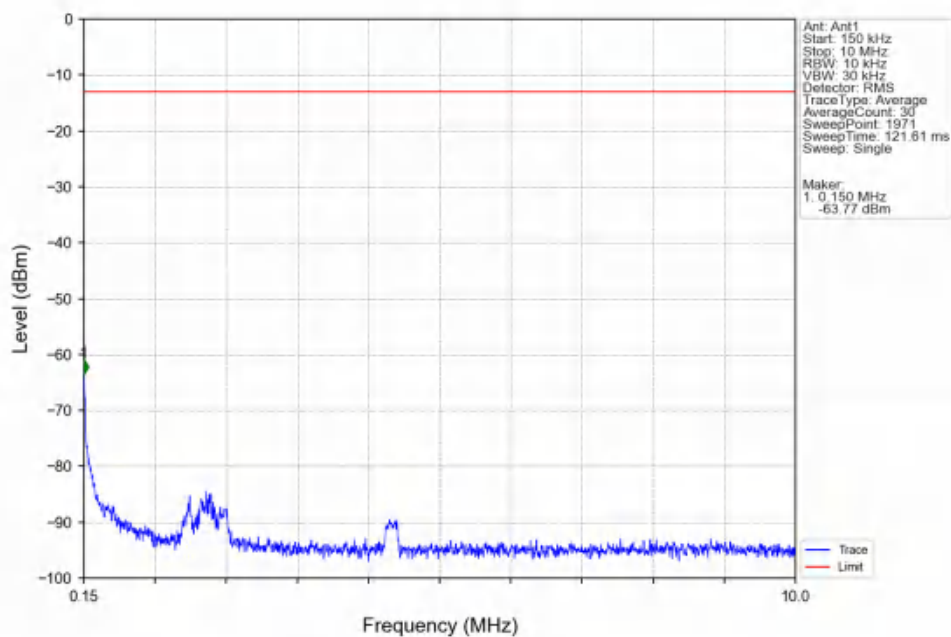


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-13.15	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-21.92	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

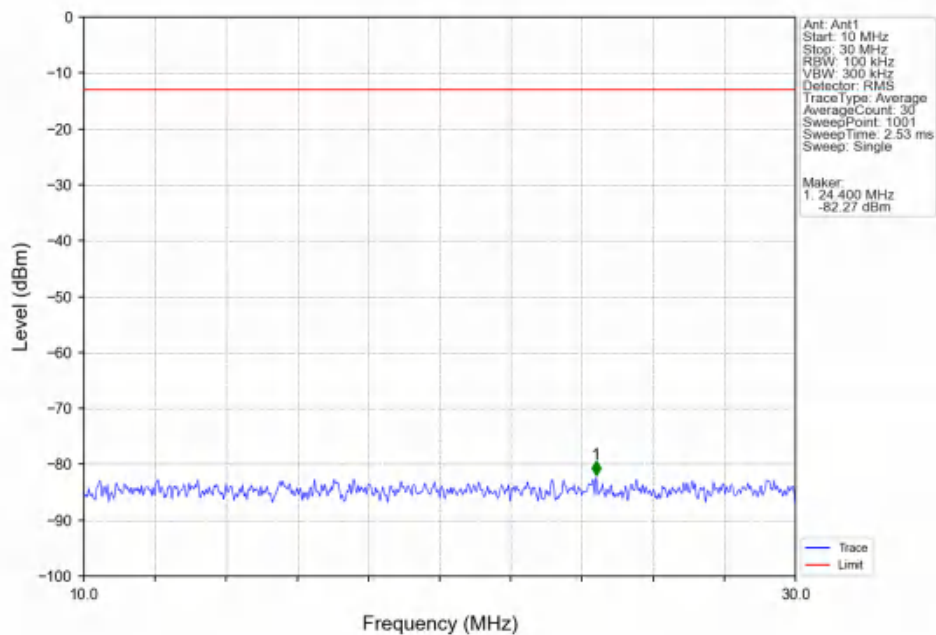
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



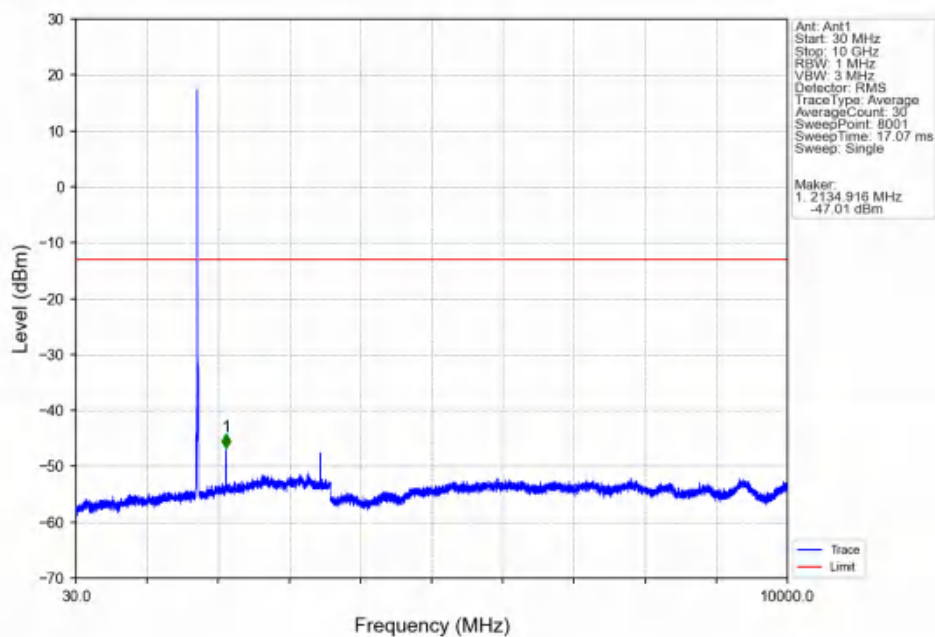
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



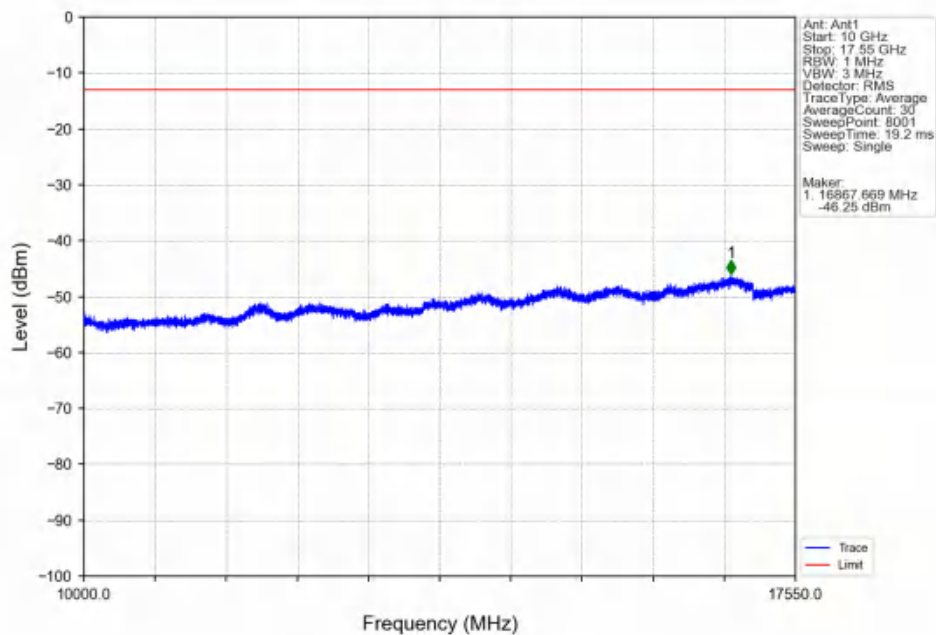
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



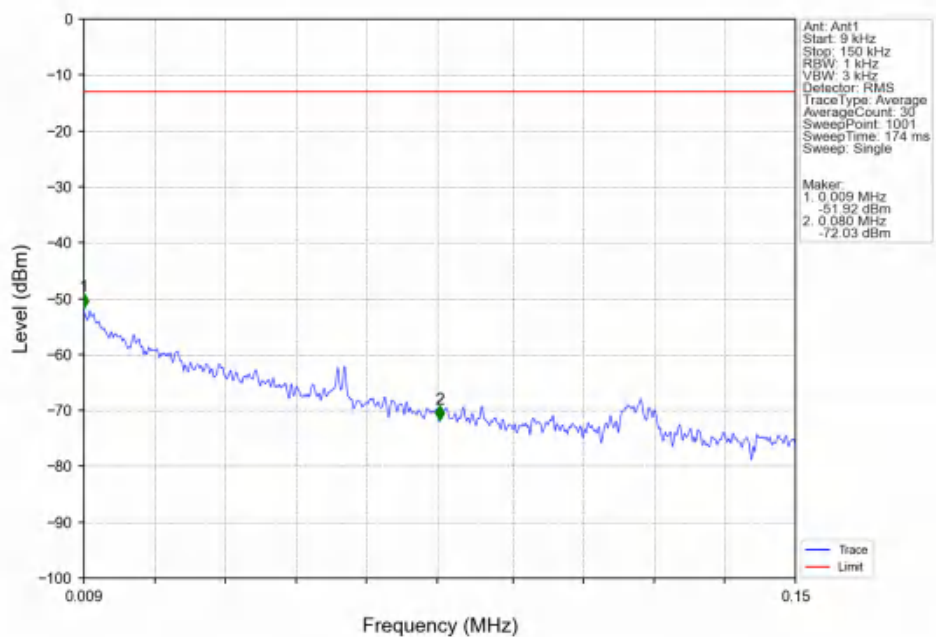
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



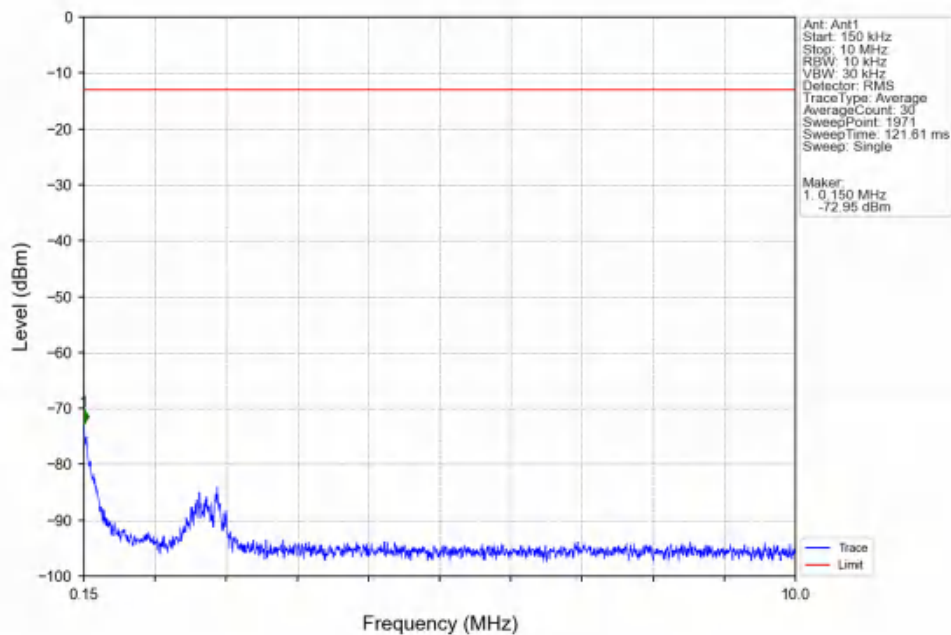
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



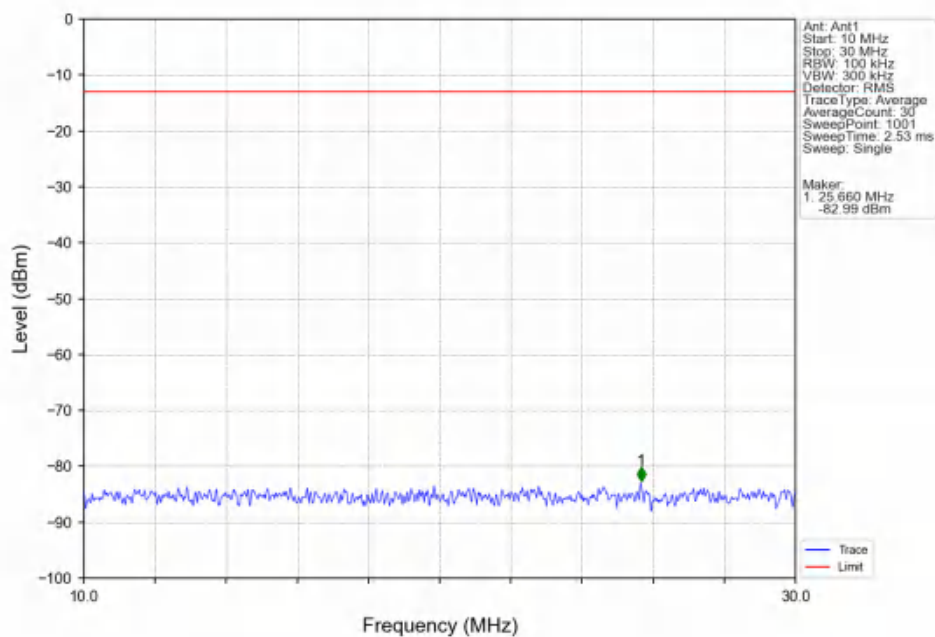
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



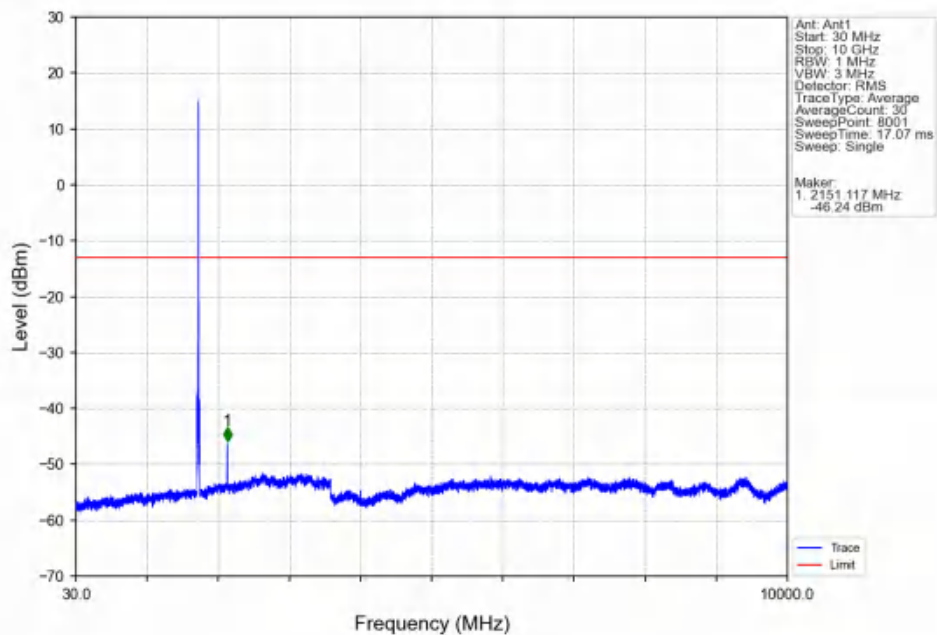
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTN



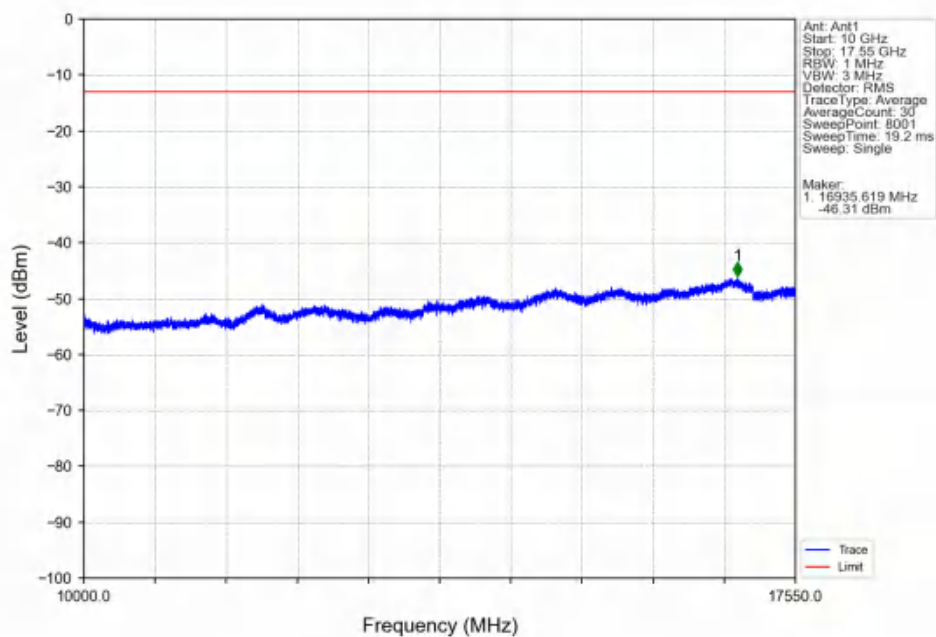
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTN



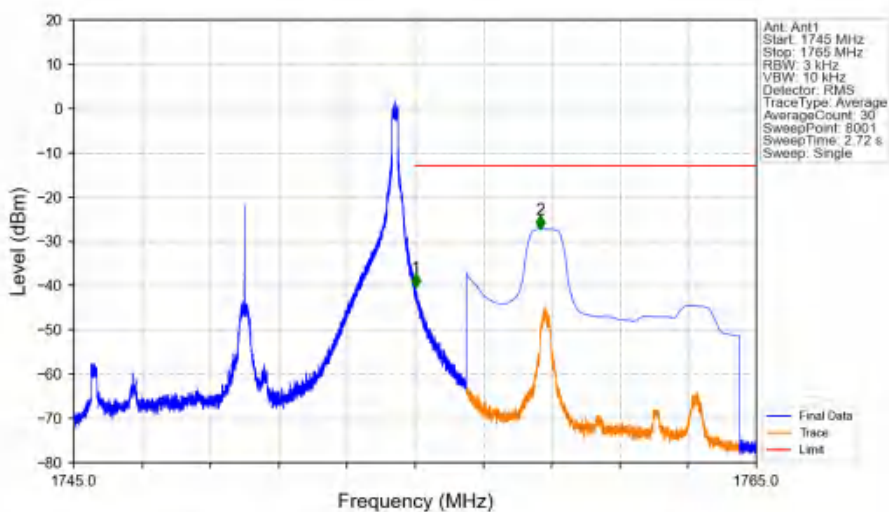
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



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

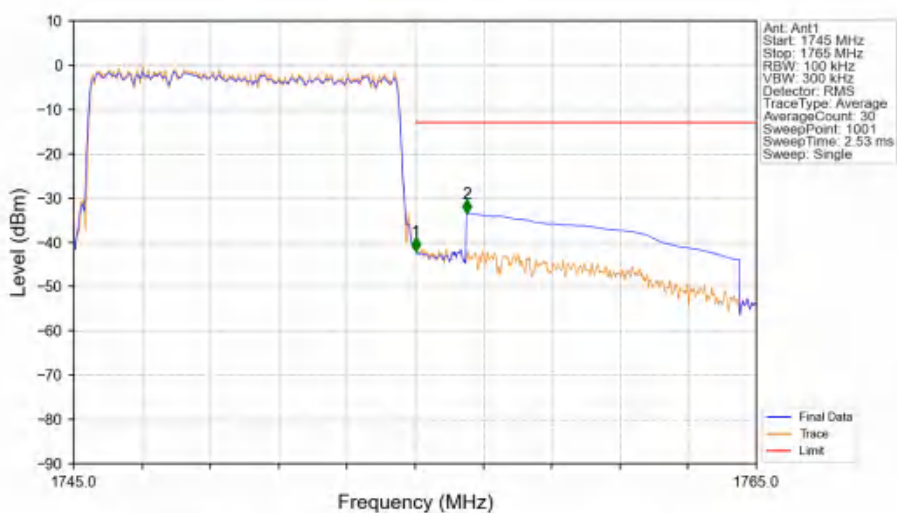


Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTNV



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	-40.40	-13	Pass
1756	1765	1	CHP	2	1758.660	-27.28	-13	Pass

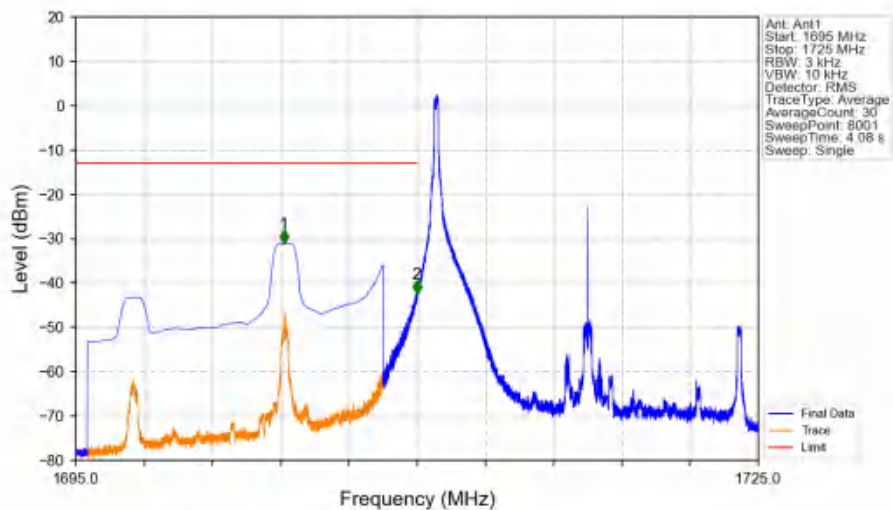
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



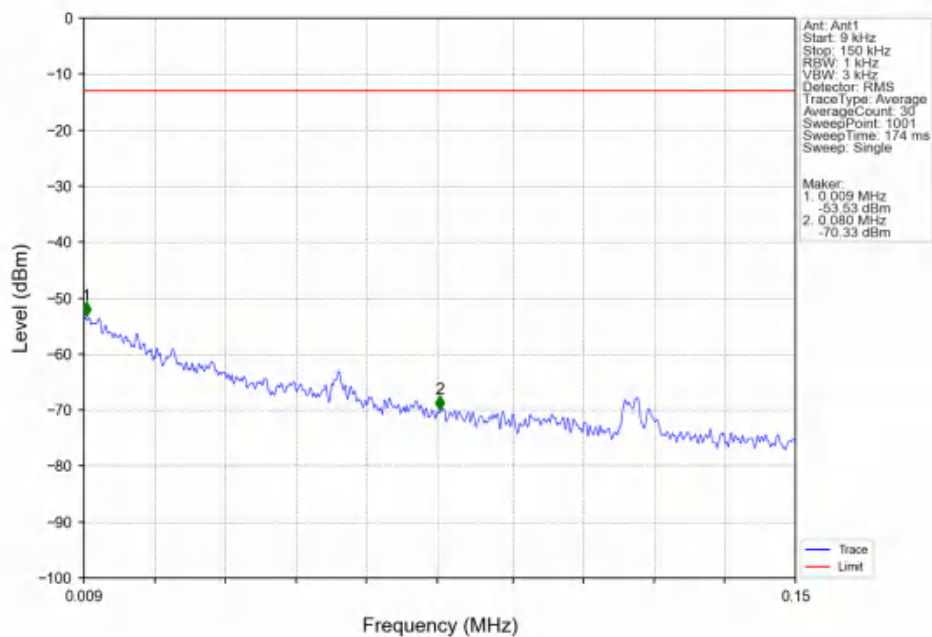
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.108	CHP	/	/	/	/	/
1755	1756	0.108	CHP	1	1755.020	-42.05	-13	Pass
1756	1765	1	CHP	2	1756.520	-33.50	-13	Pass

6.2.5 B4_15MHz

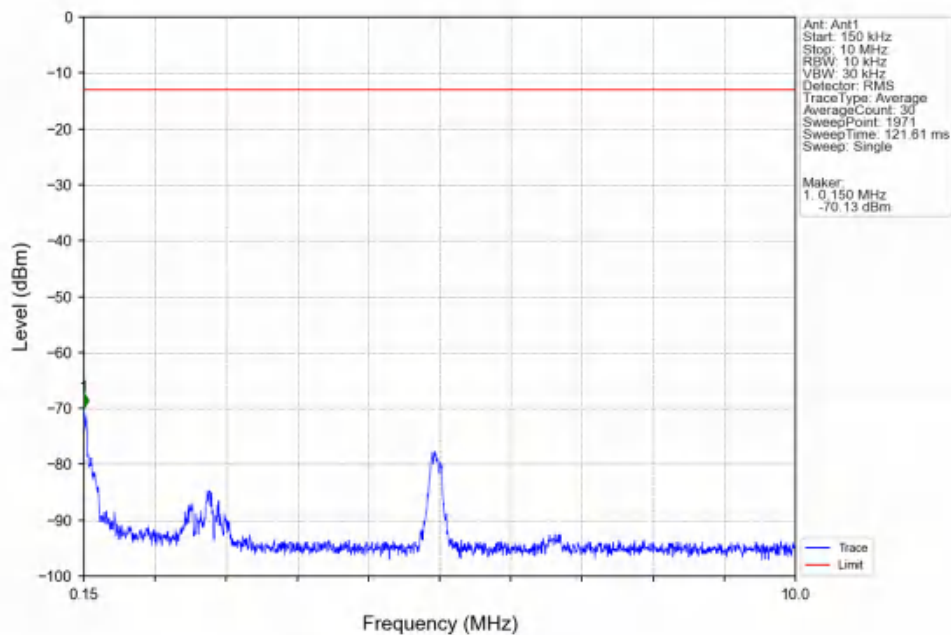
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



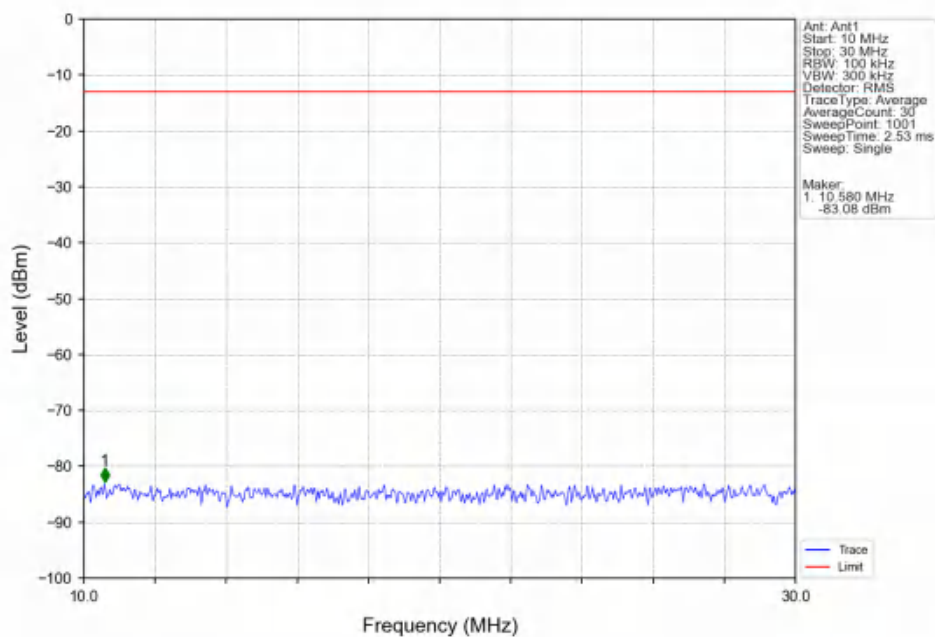
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



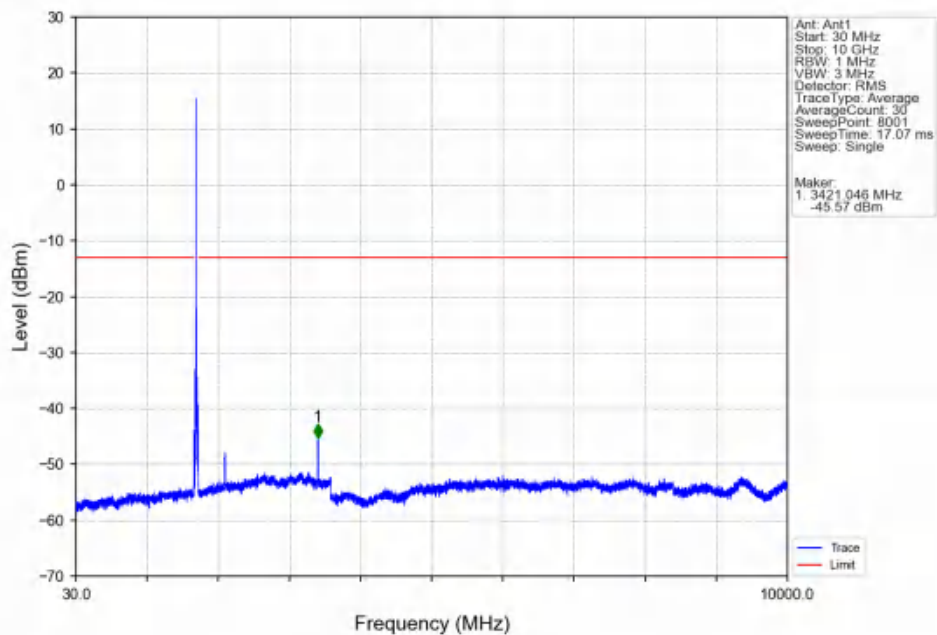
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



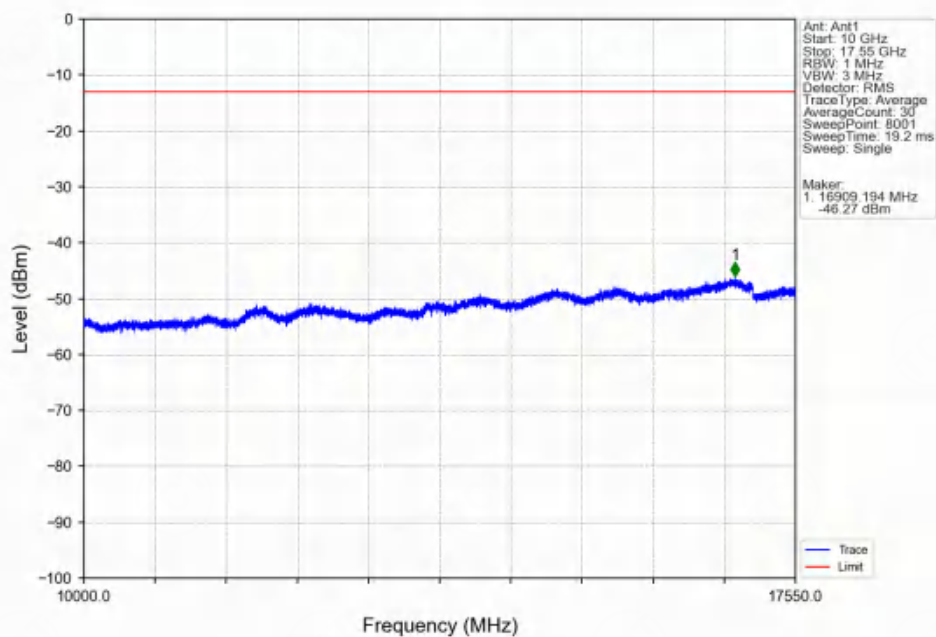
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



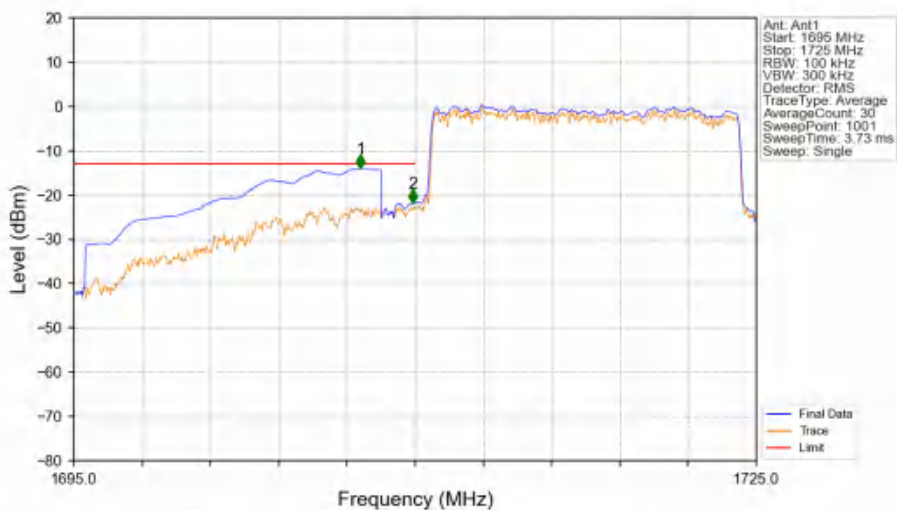
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

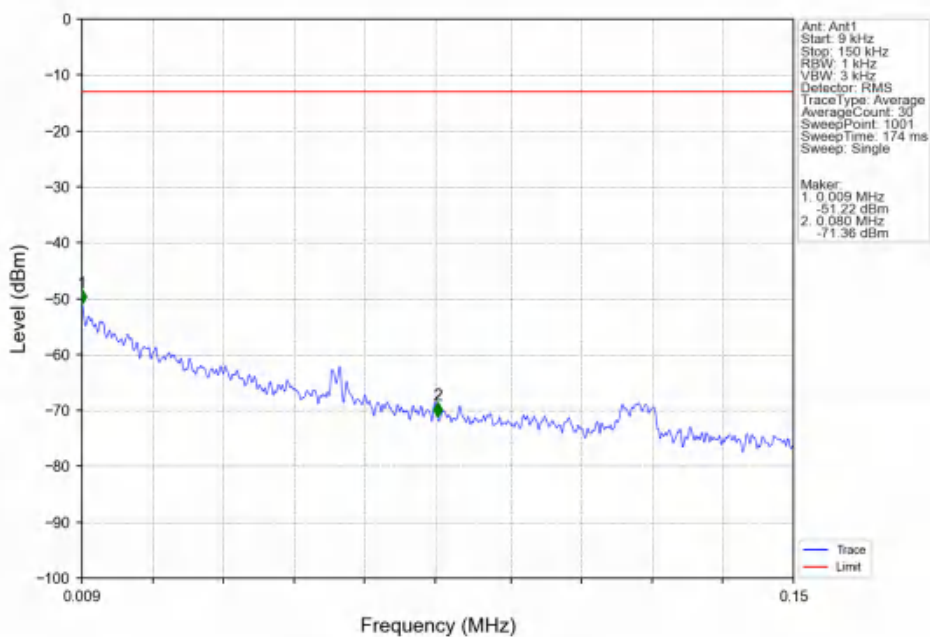


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

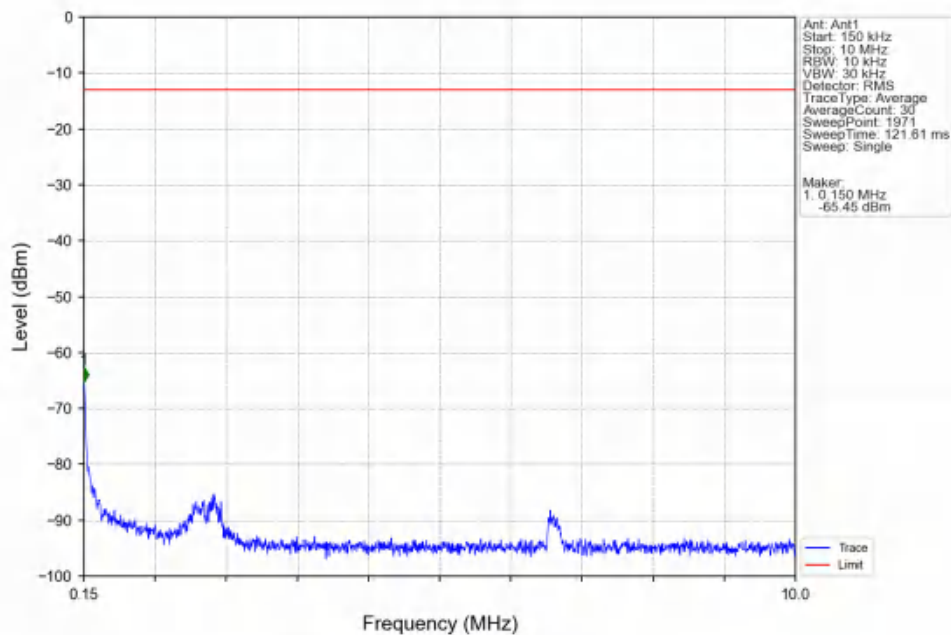


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.600	-14.03	-13	Pass
1709	1710	0.15	CHP	2	1709.910	-21.81	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

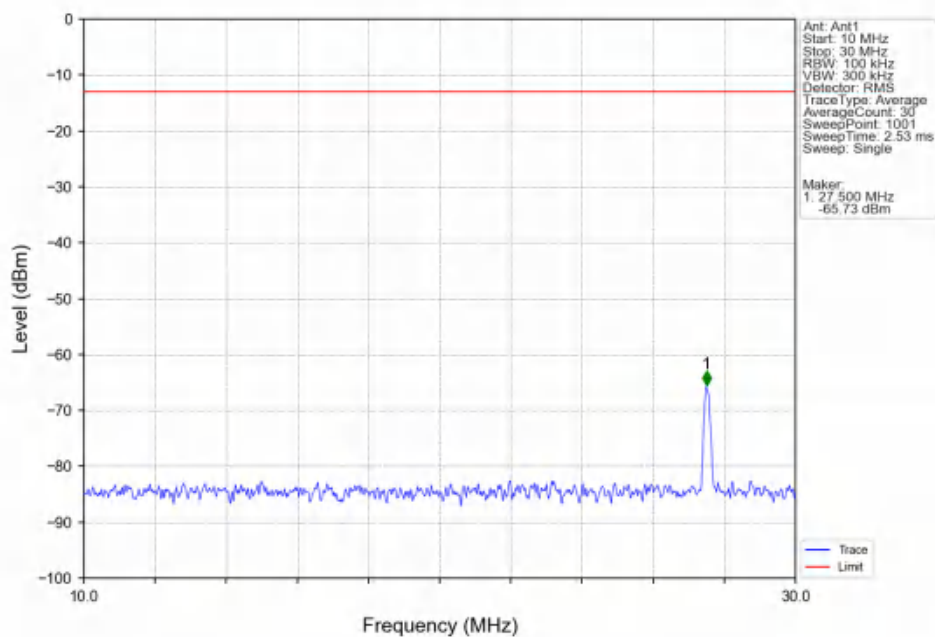
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



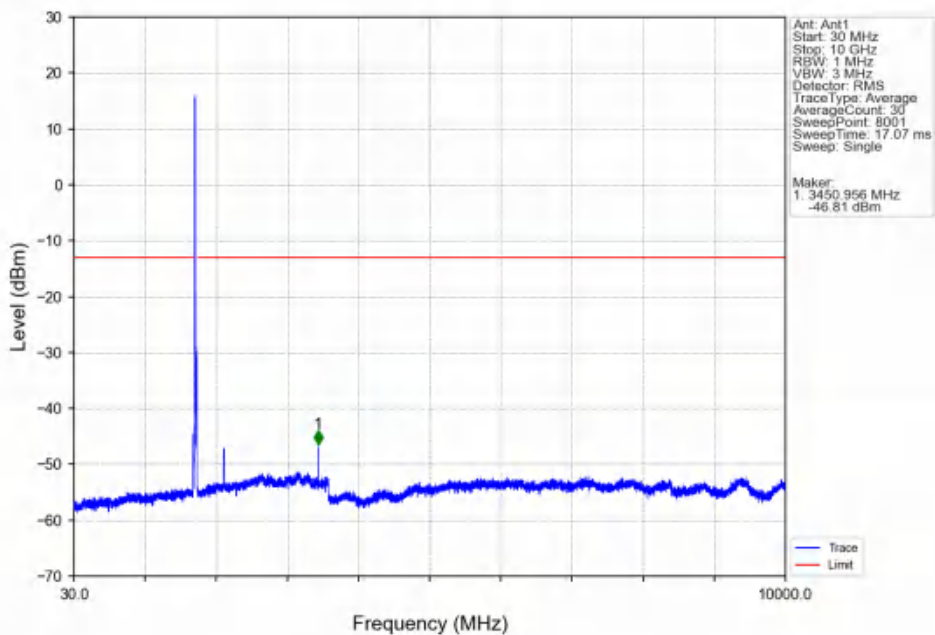
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



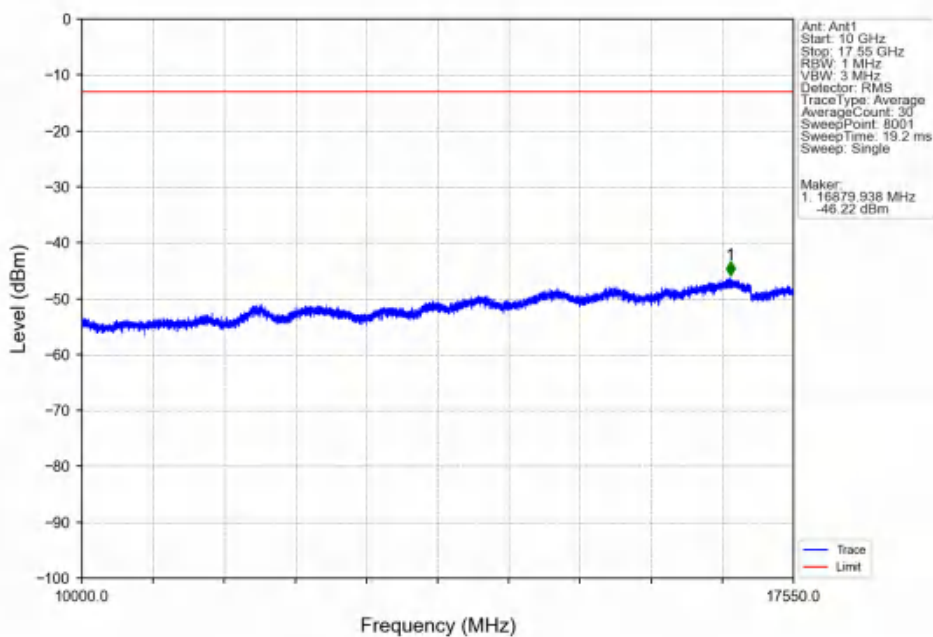
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



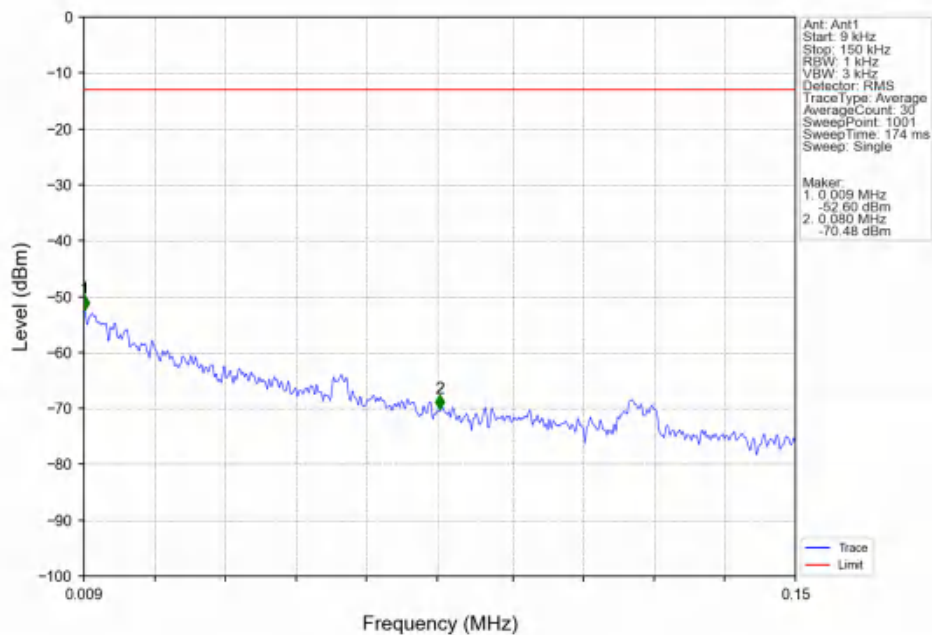
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



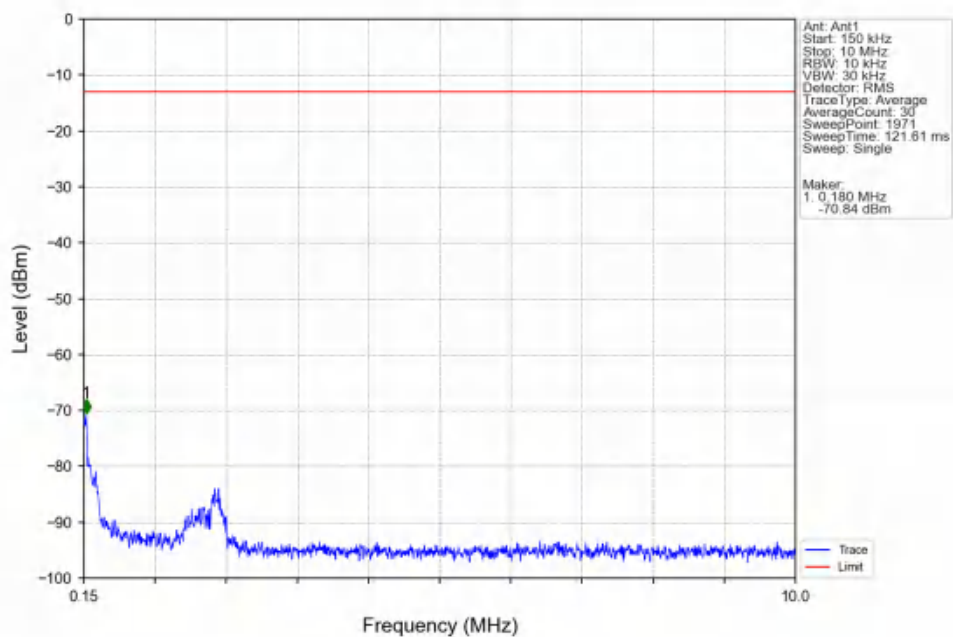
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



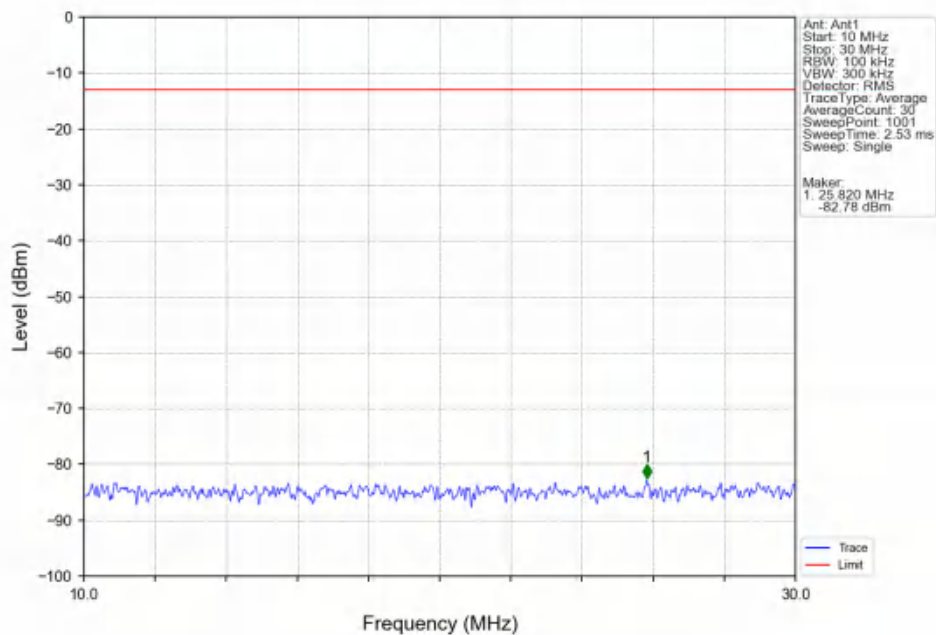
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



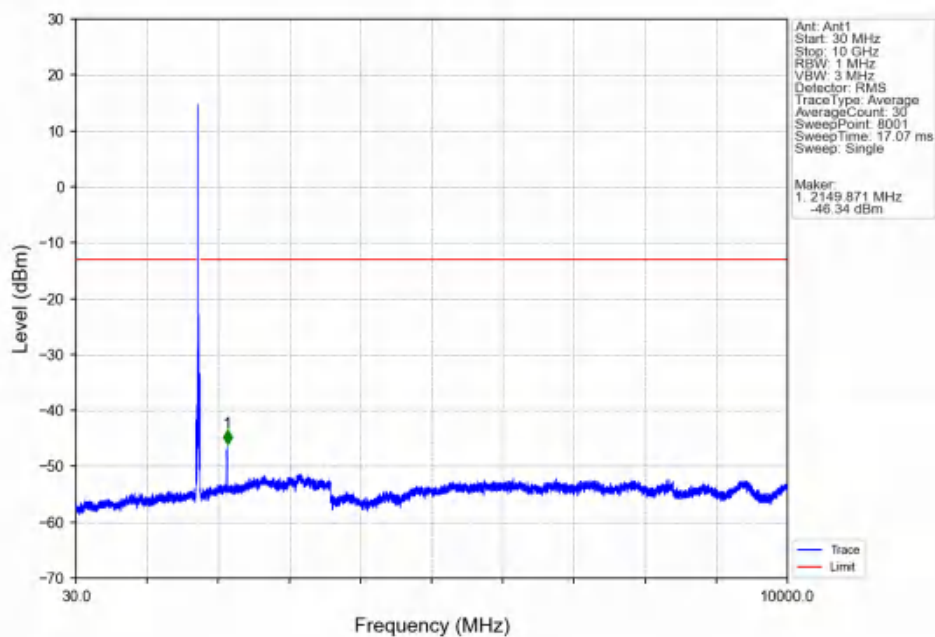
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



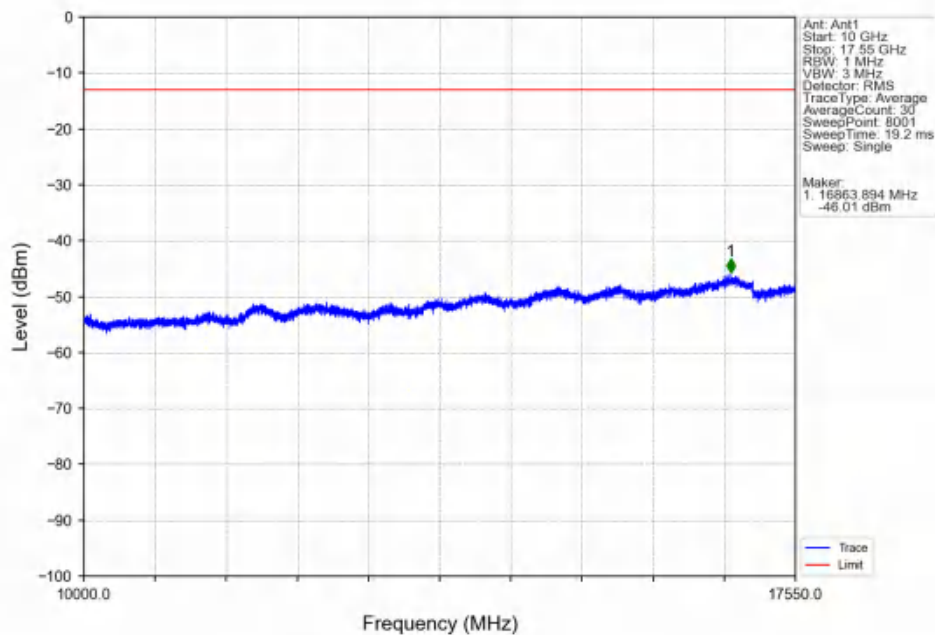
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



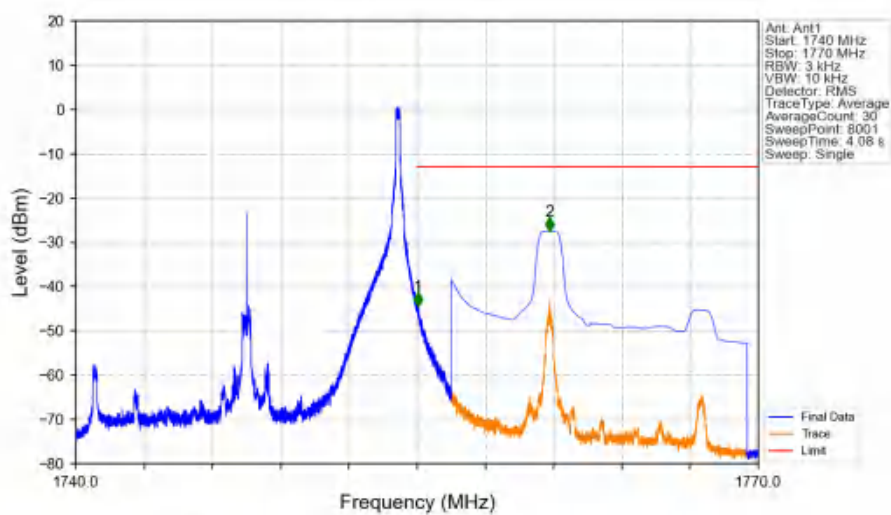
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

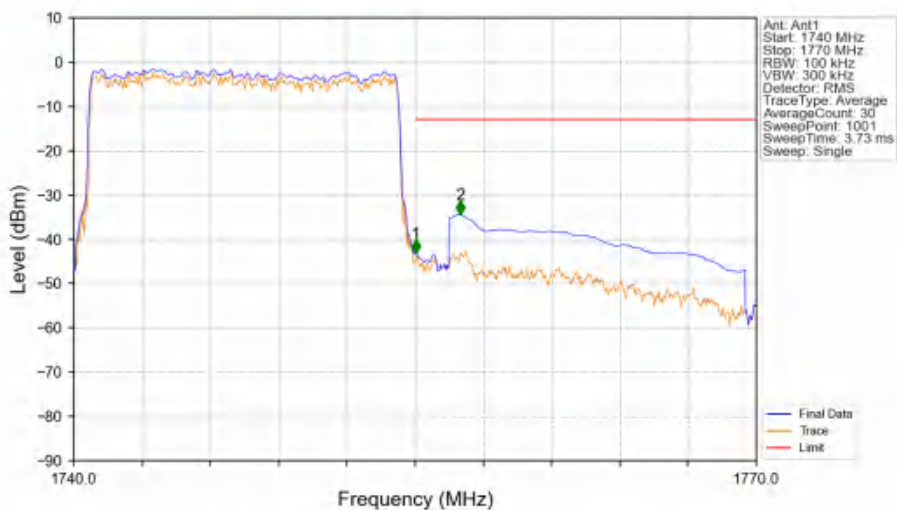


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



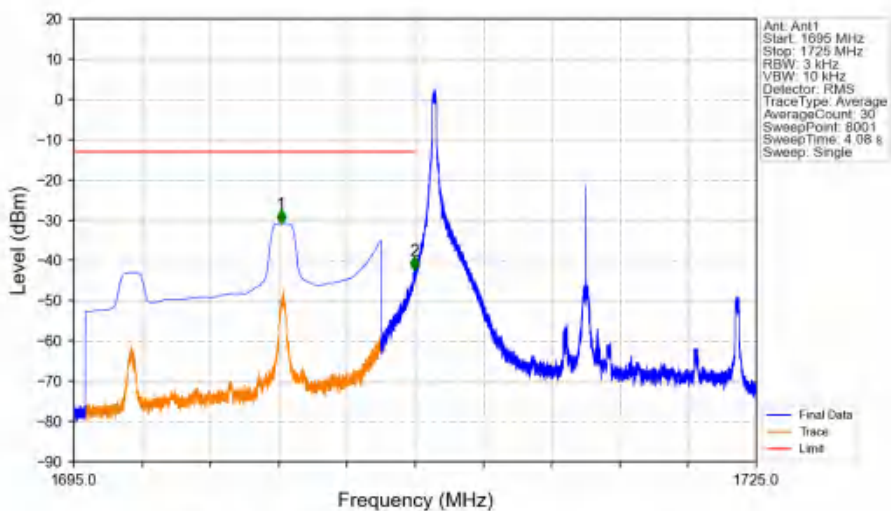
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.037	-44.48	-13	Pass
1756	1770	1	CHP	2	1760.809	-27.50	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



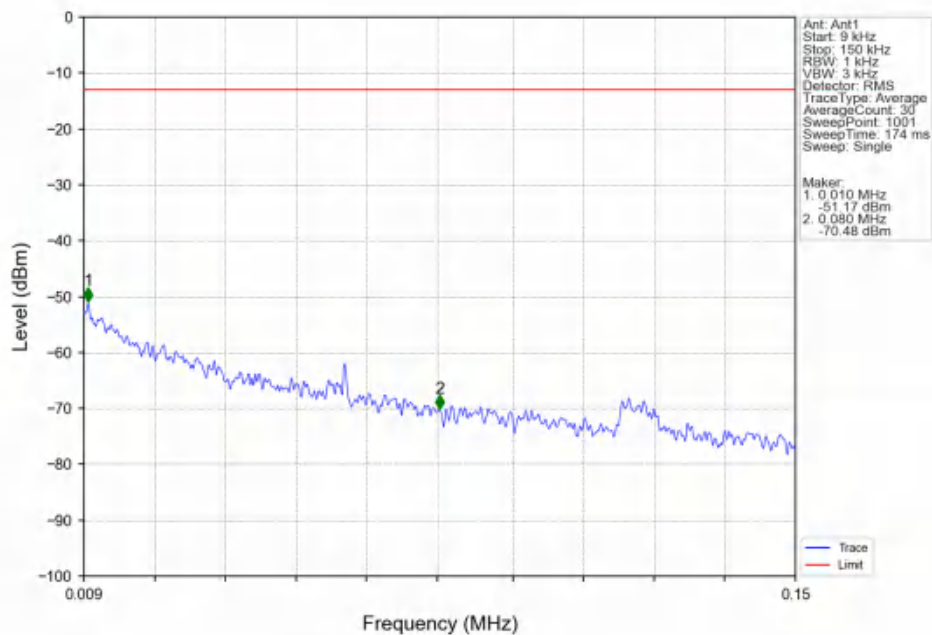
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.156	CHP	/	/	/	/	/
1755	1756	0.156	CHP	1	1755.030	-43.13	-13	Pass
1756	1770	1	CHP	2	1756.980	-34.47	-13	Pass

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

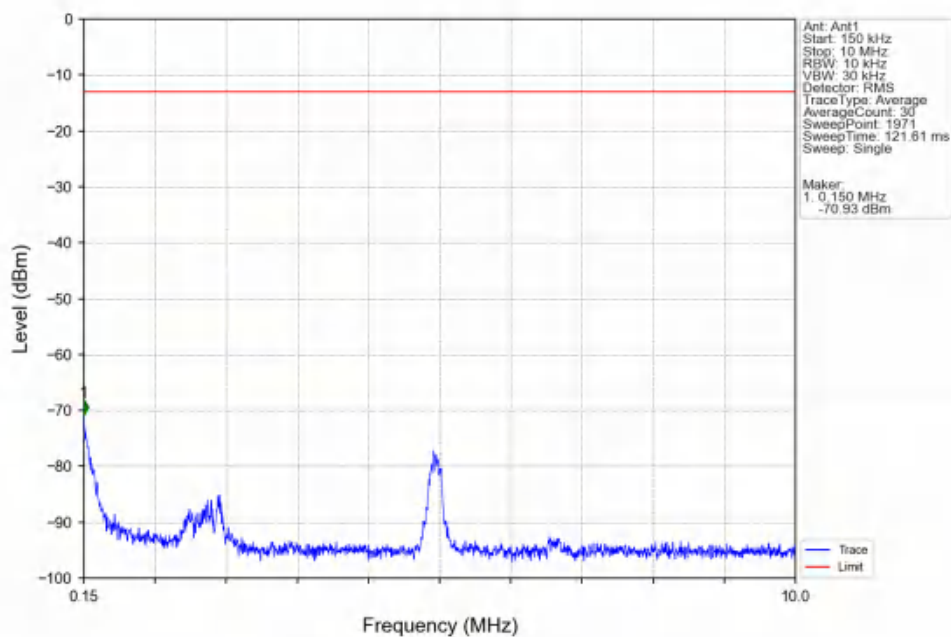


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.109	-30.83	-13	Pass
1709	1710	0.003	/	2	1709.959	-42.46	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

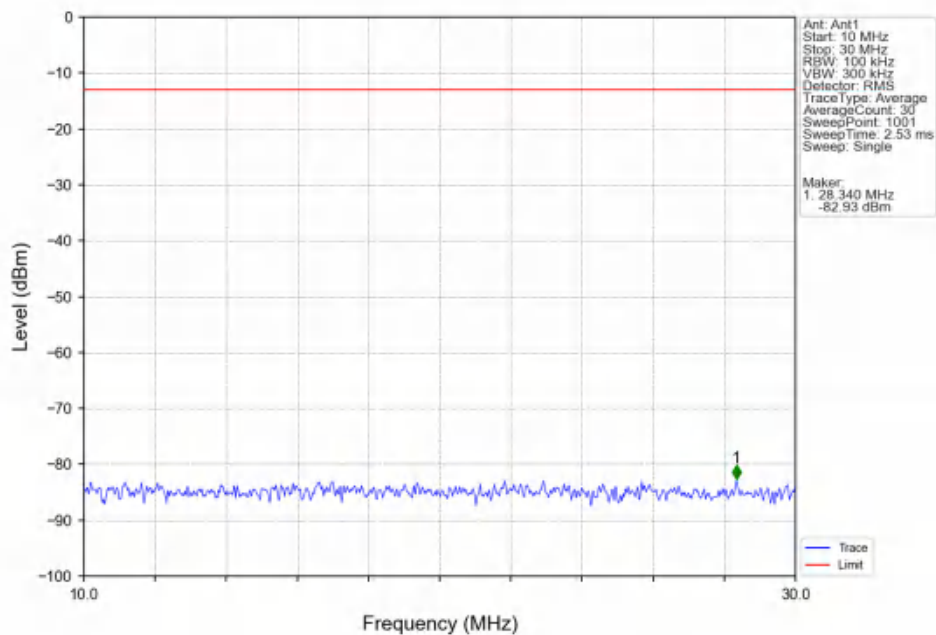
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



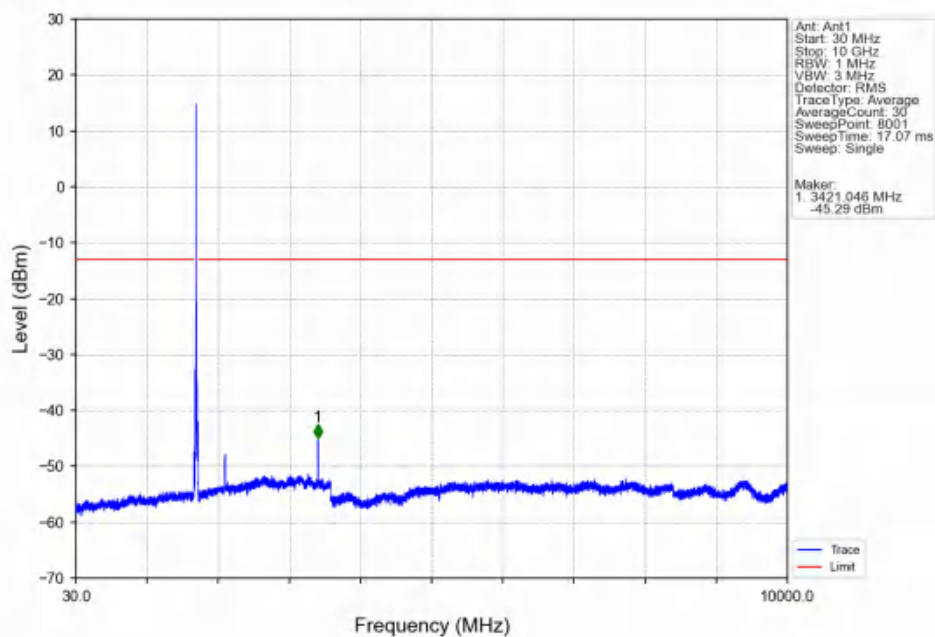
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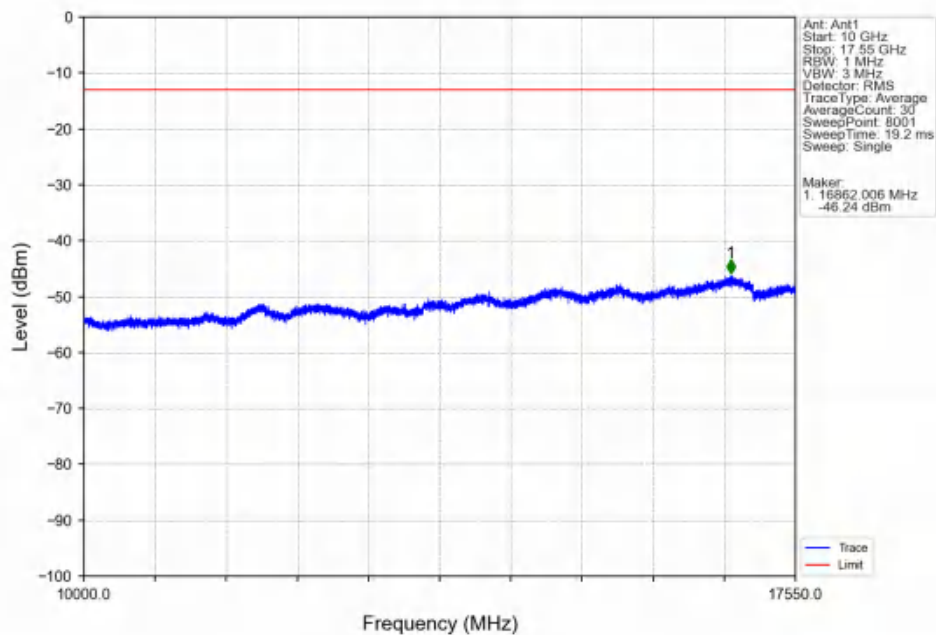
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



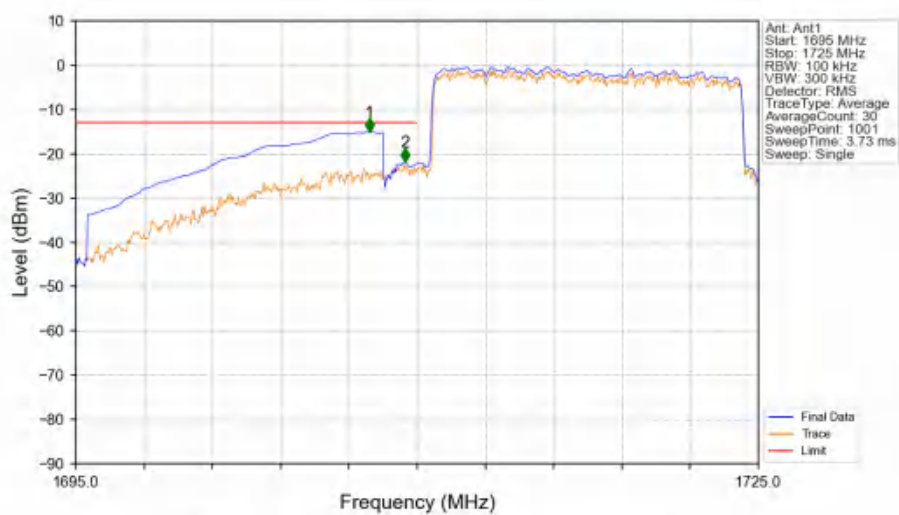
Band4 15MHz 16QAM LCH 1717.5MHz RB 1 0 NTV



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

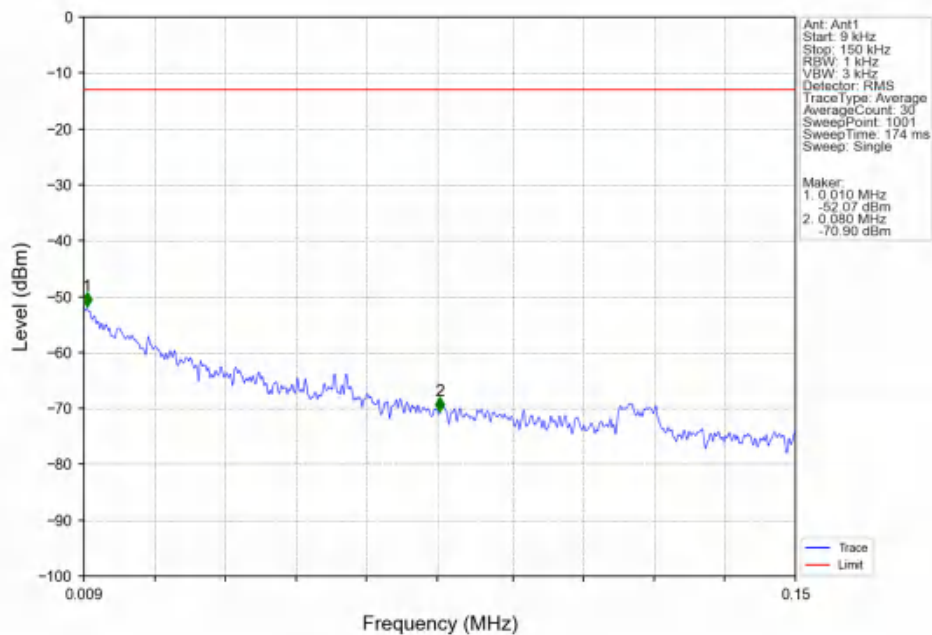


Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV

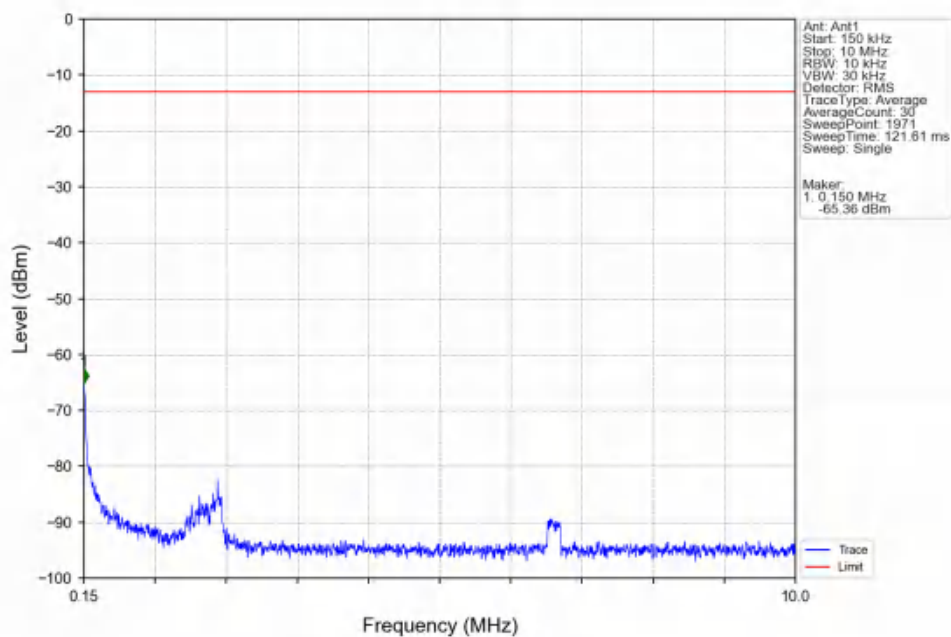


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.900	-15.10	-13	Pass
1709	1710	0.15	CHP	2	1709.460	-21.90	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

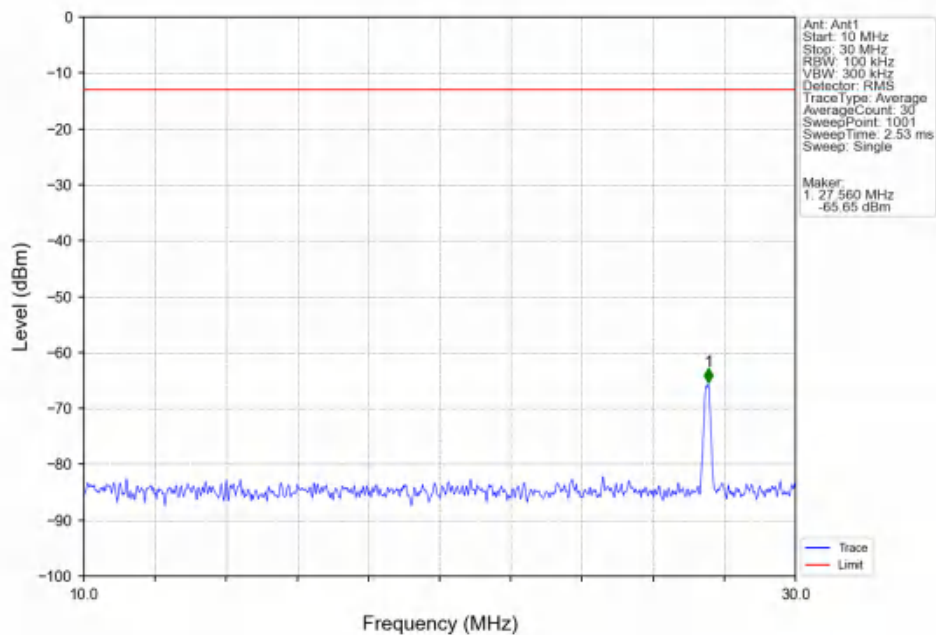
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



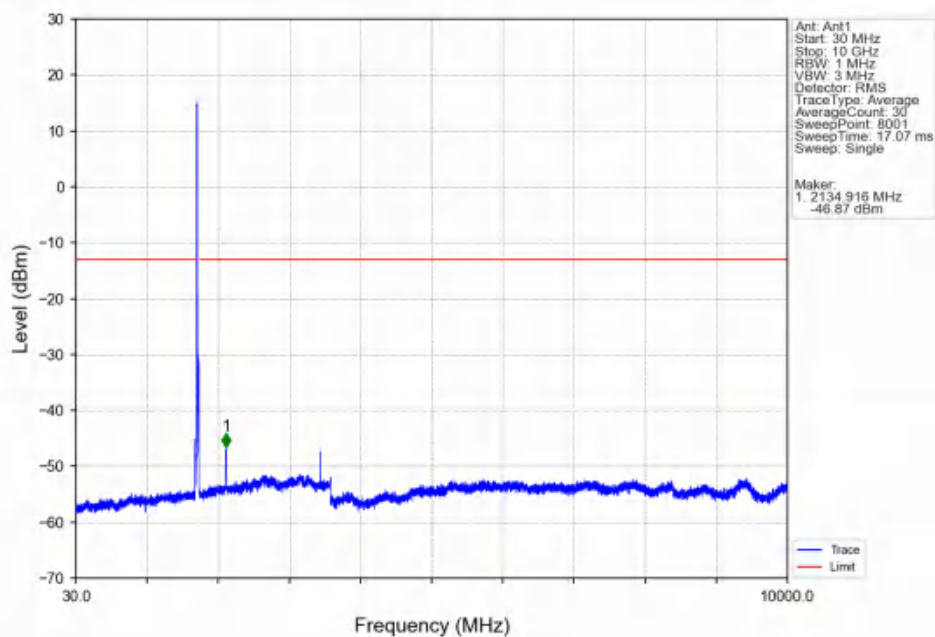
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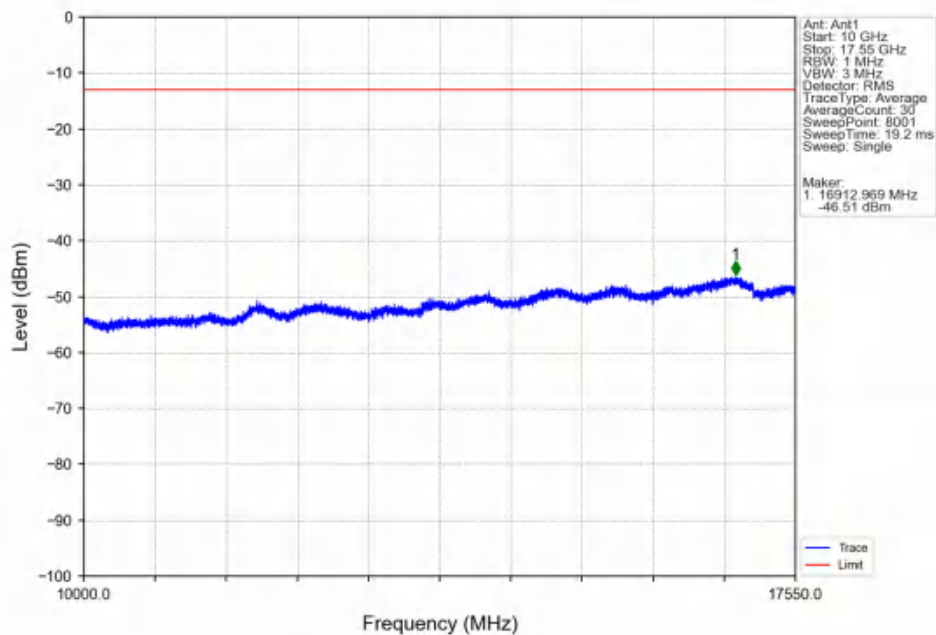
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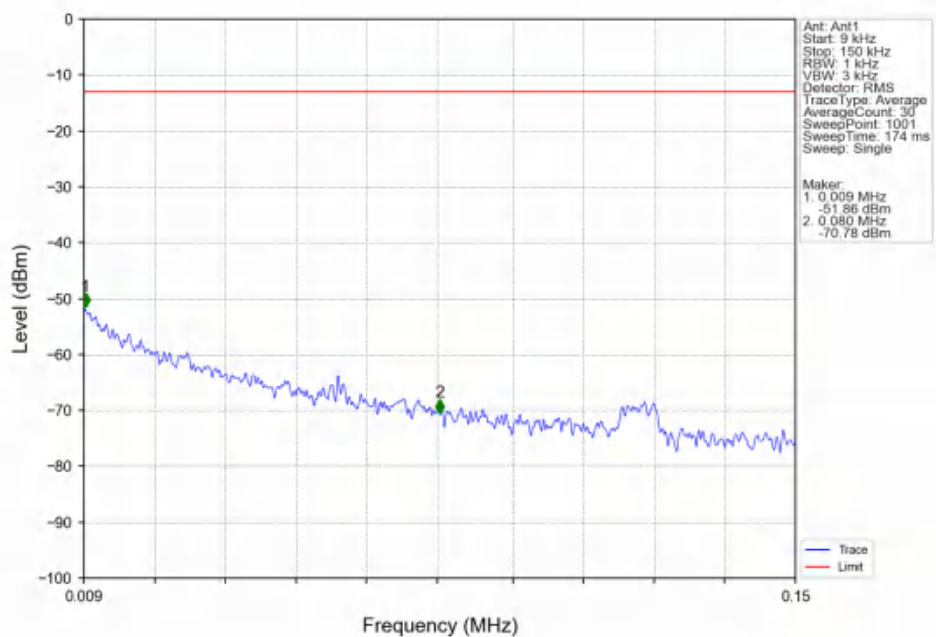
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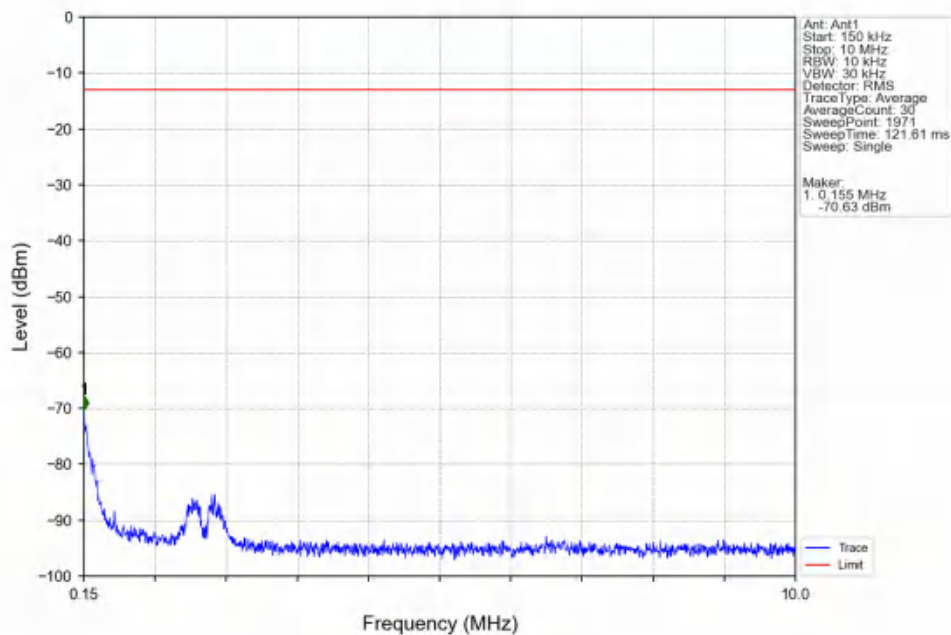
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



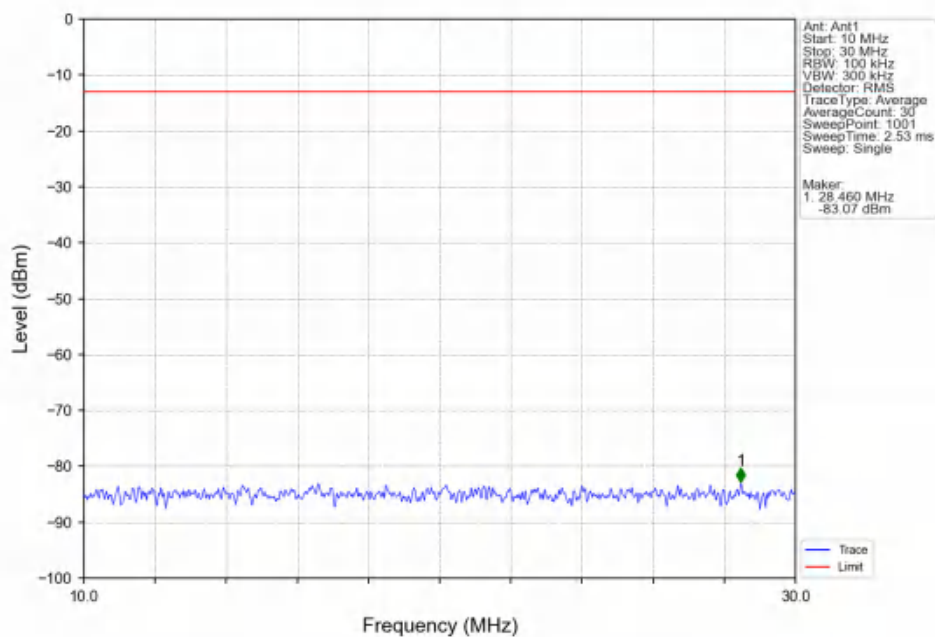
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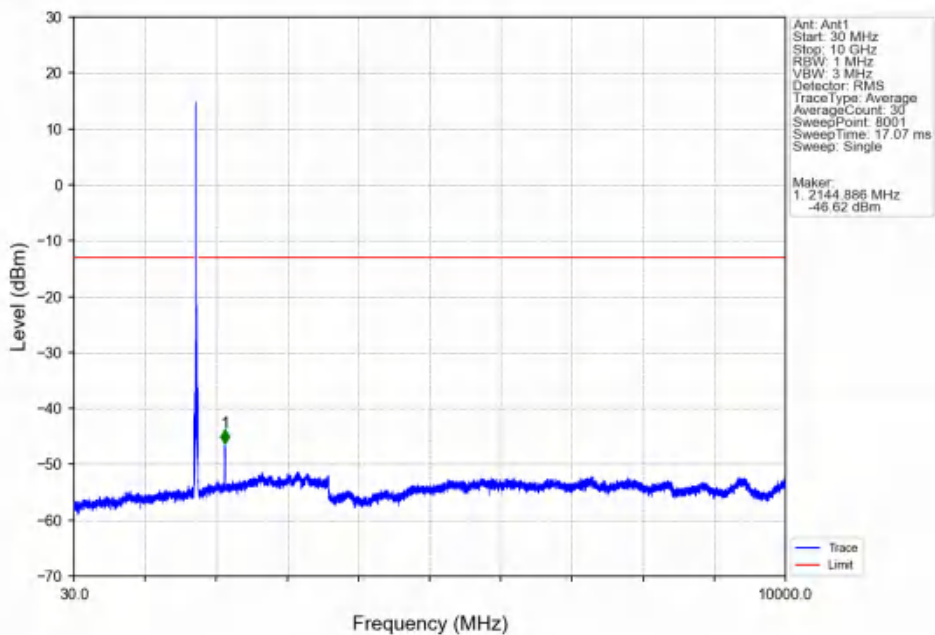
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



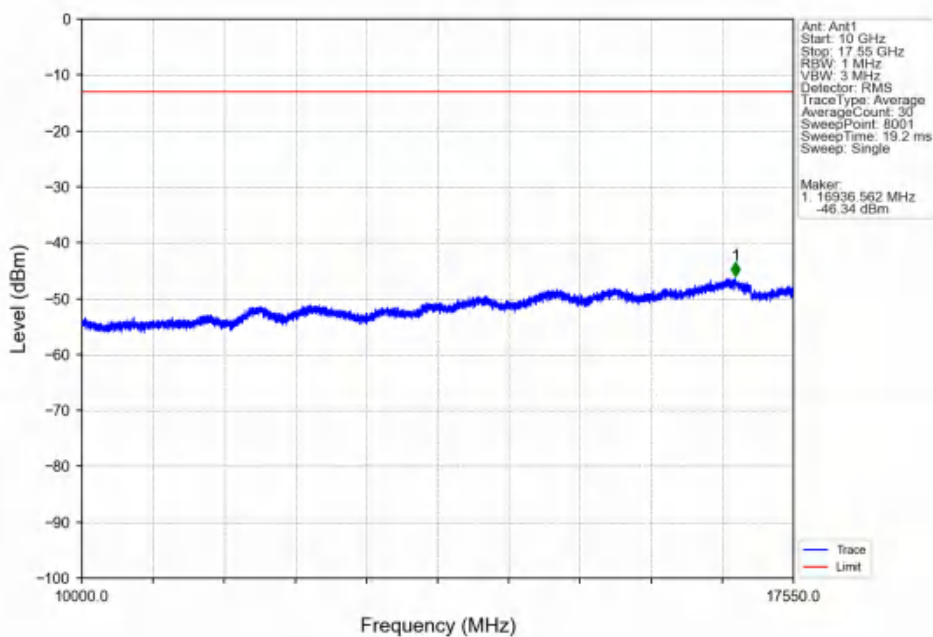
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



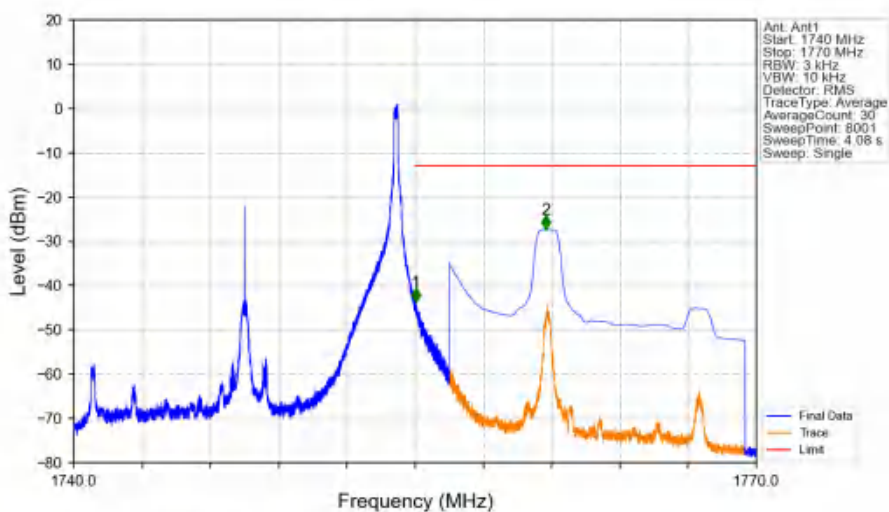
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTV



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

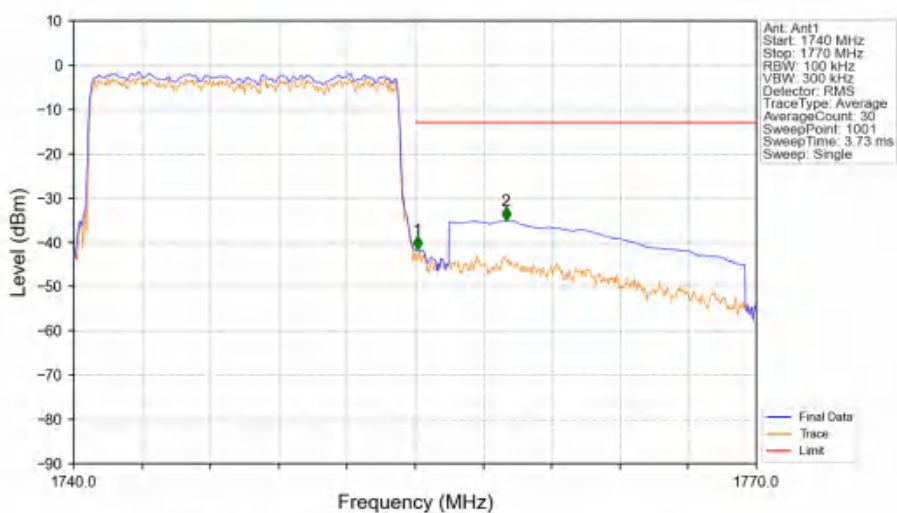


Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTNV



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	1755.023	-43.67	-13	Pass
1756	1770	1	CHP	2	1760.749	-27.32	-13	Pass

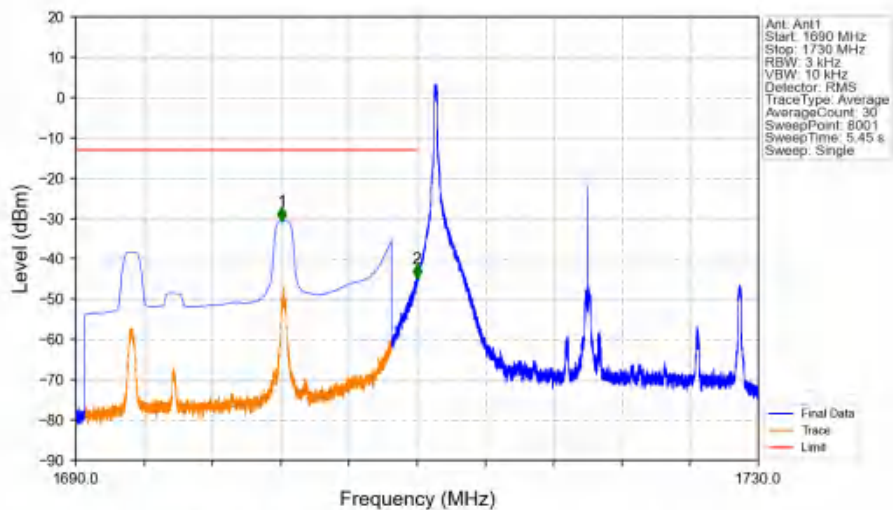
Band4 15MHz 16QAM HCH 1747.5MHz RB 75.0 NTNV



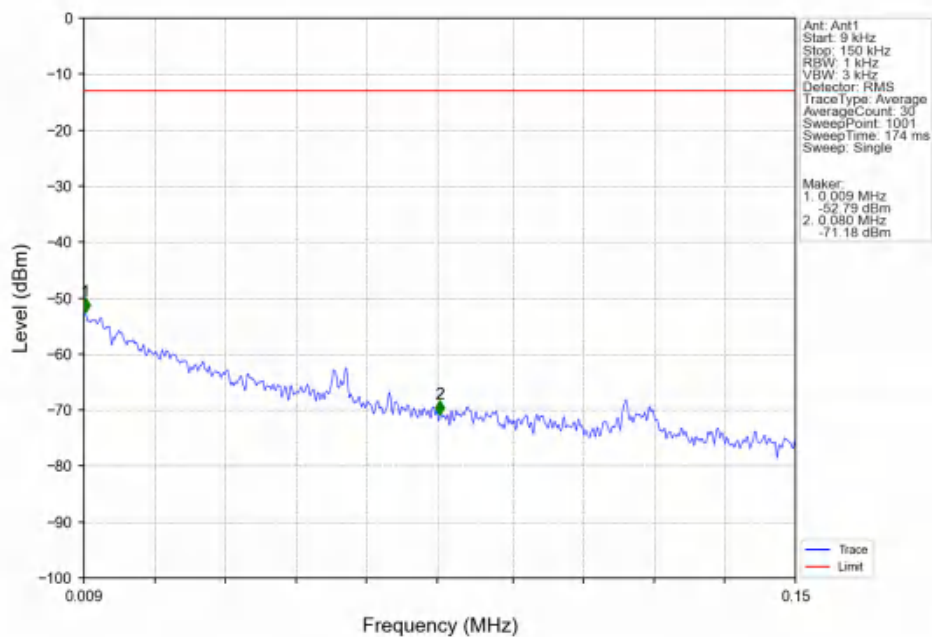
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.156	CHP	/	/	/	/	/
1755	1756	0.156	CHP	1	1755.090	-41.70	-13	Pass
1756	1770	1	CHP	2	1758.990	-35.05	-13	Pass

6.2.6 B4_20MHz

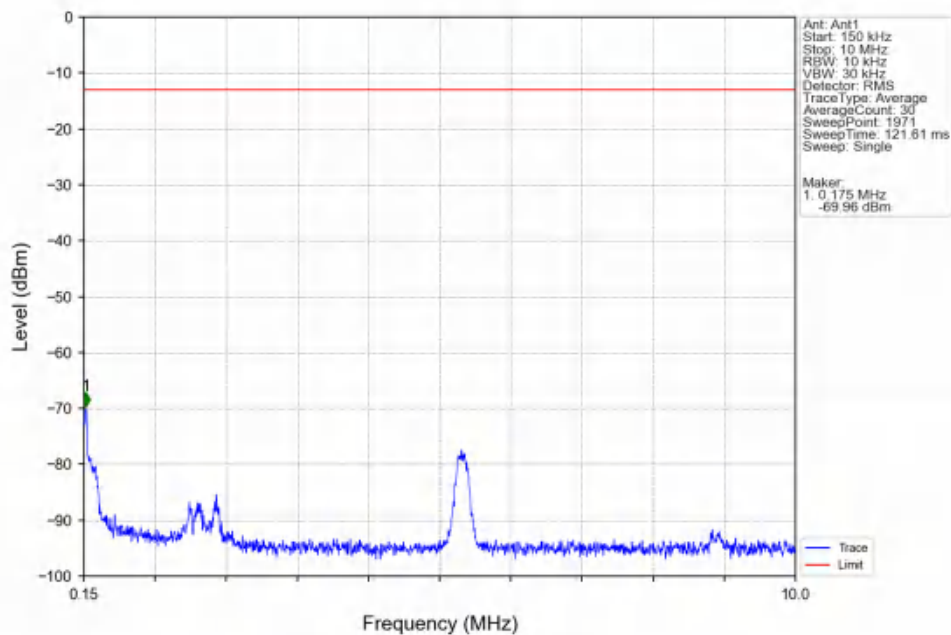
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



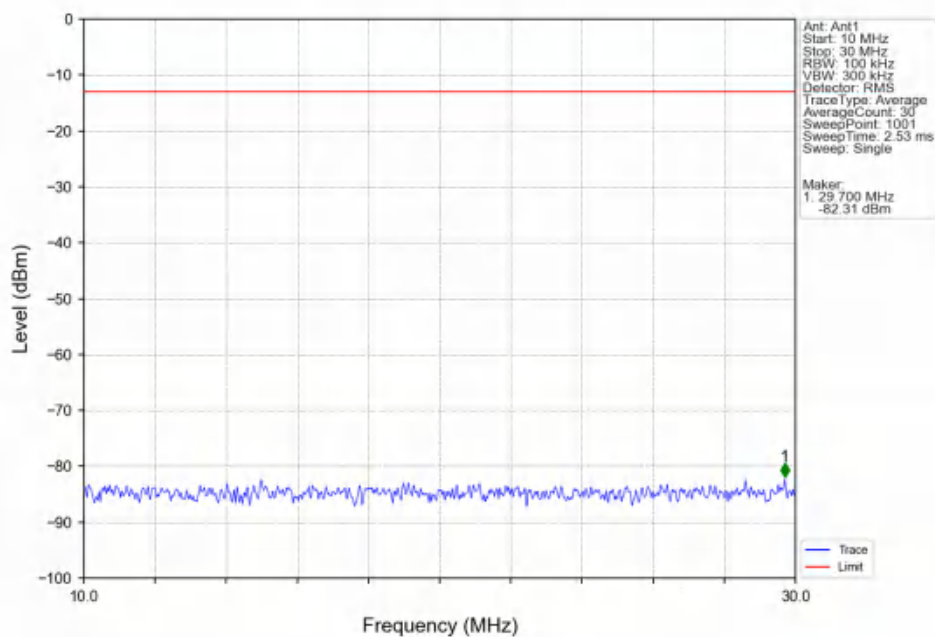
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



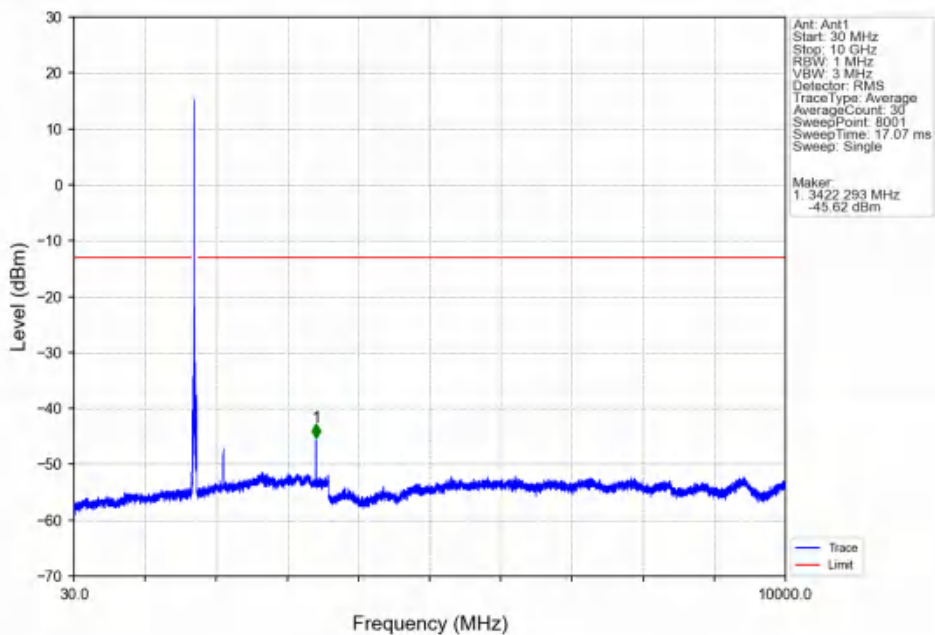
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



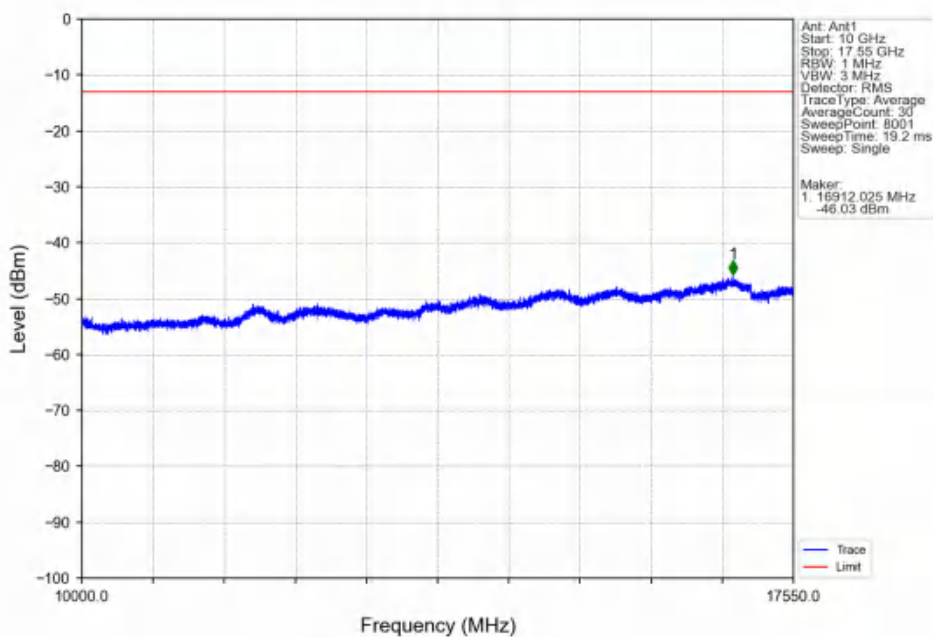
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV



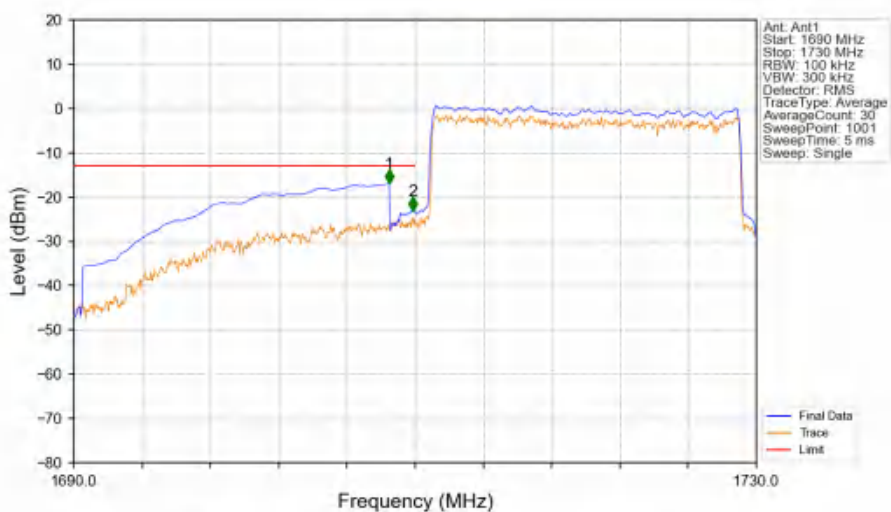
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

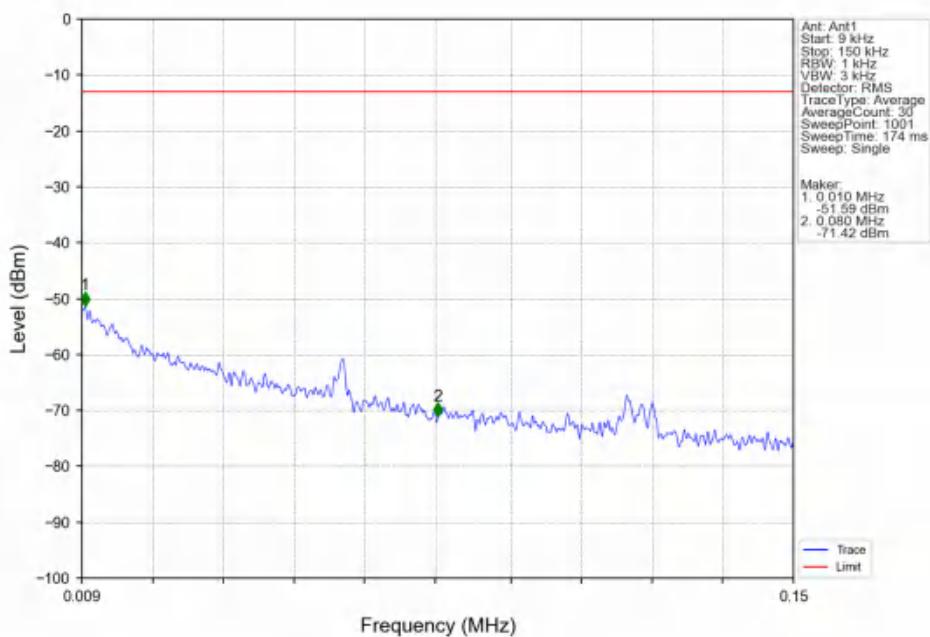


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV

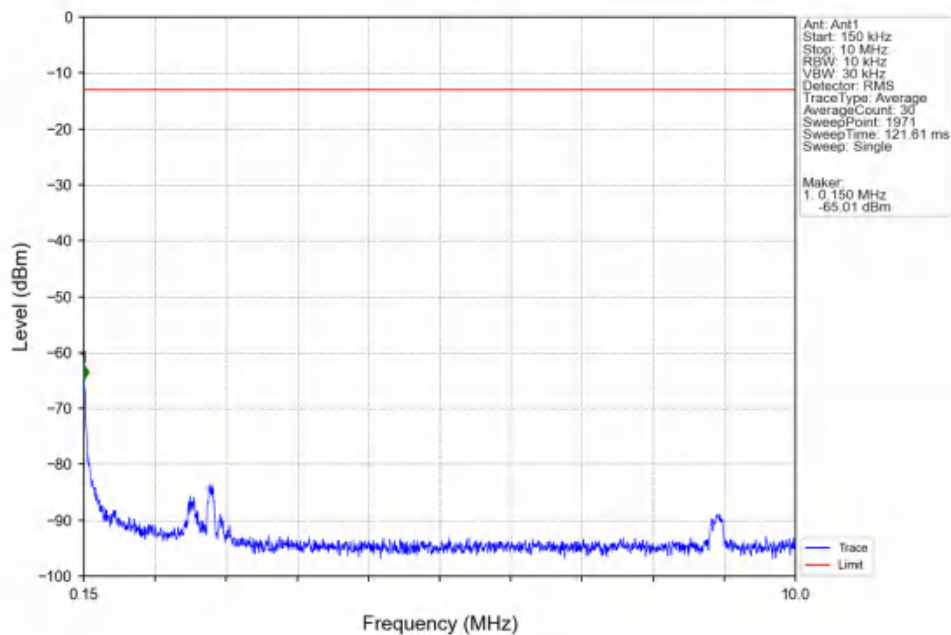


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-16.90	-13	Pass
1709	1710	0.197	CHP	2	1709.880	-23.06	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

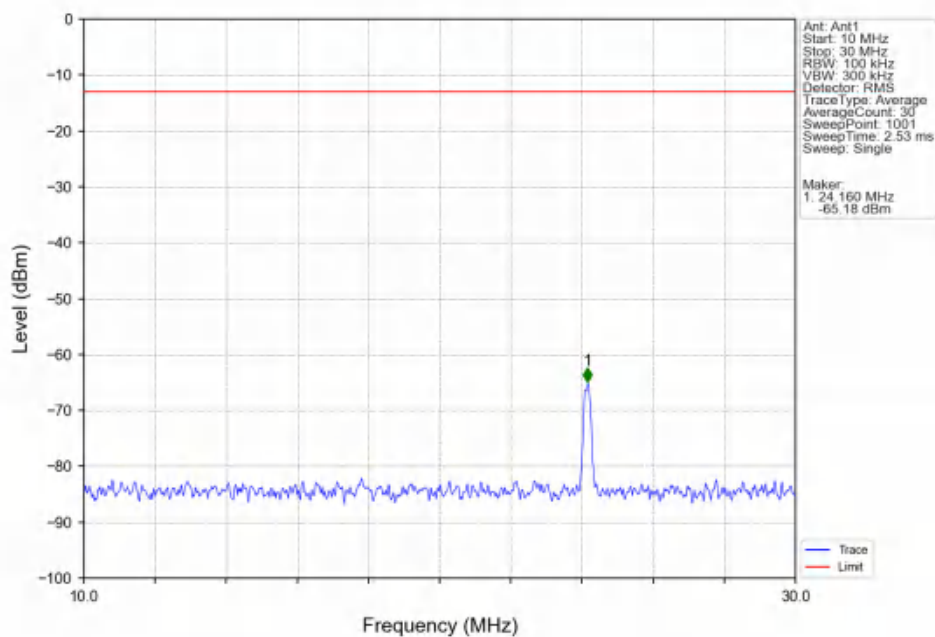
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



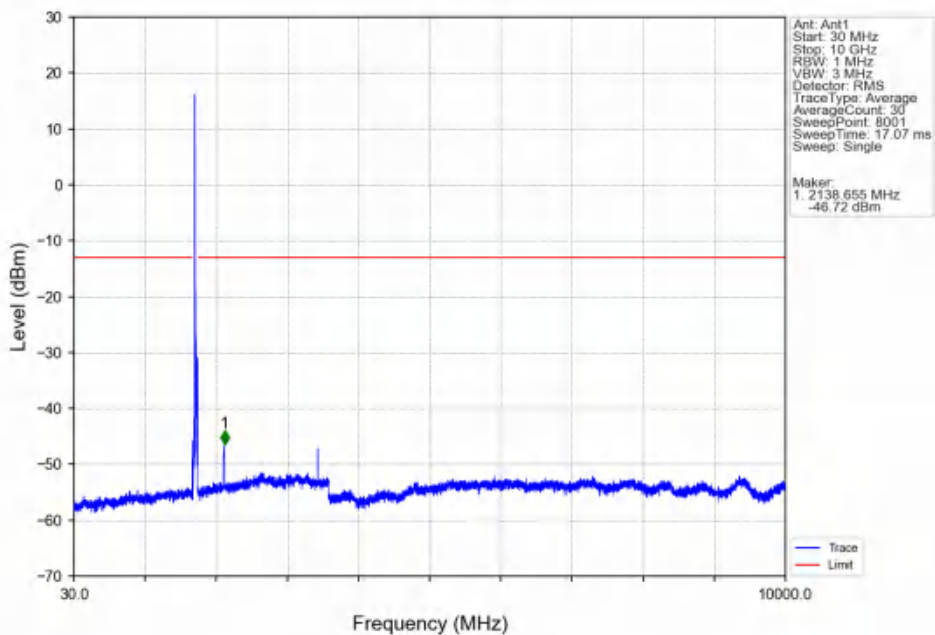
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



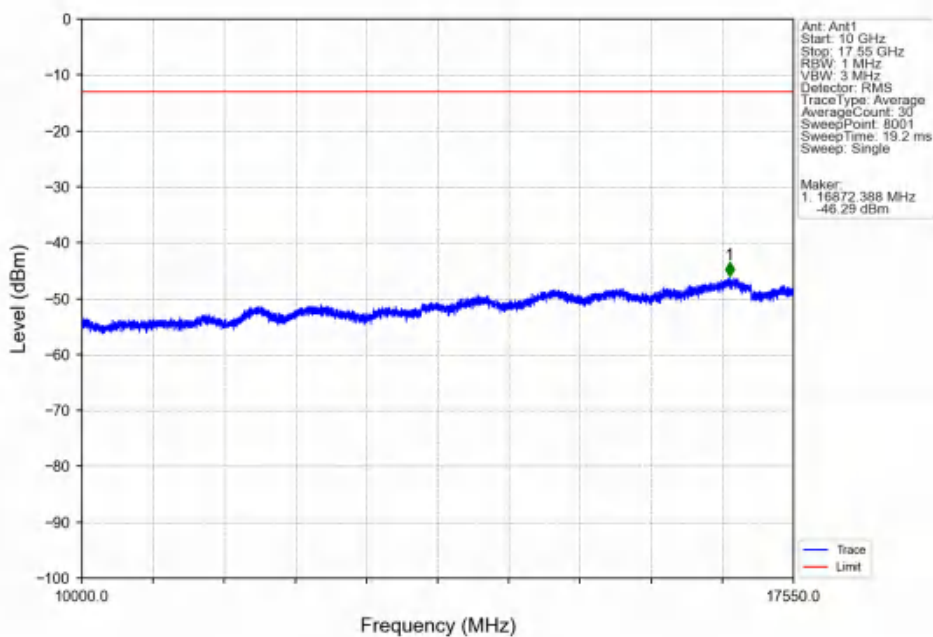
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



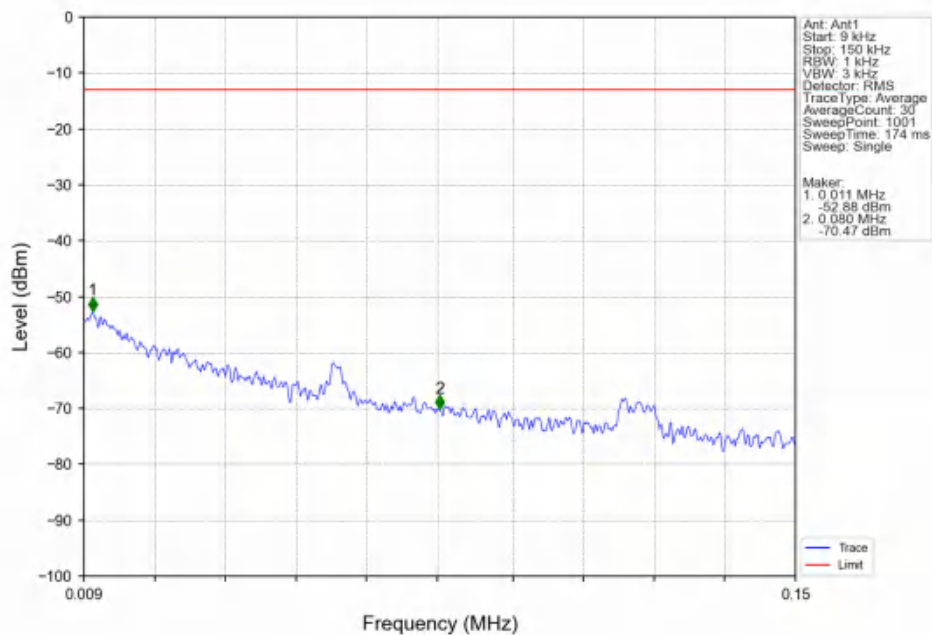
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



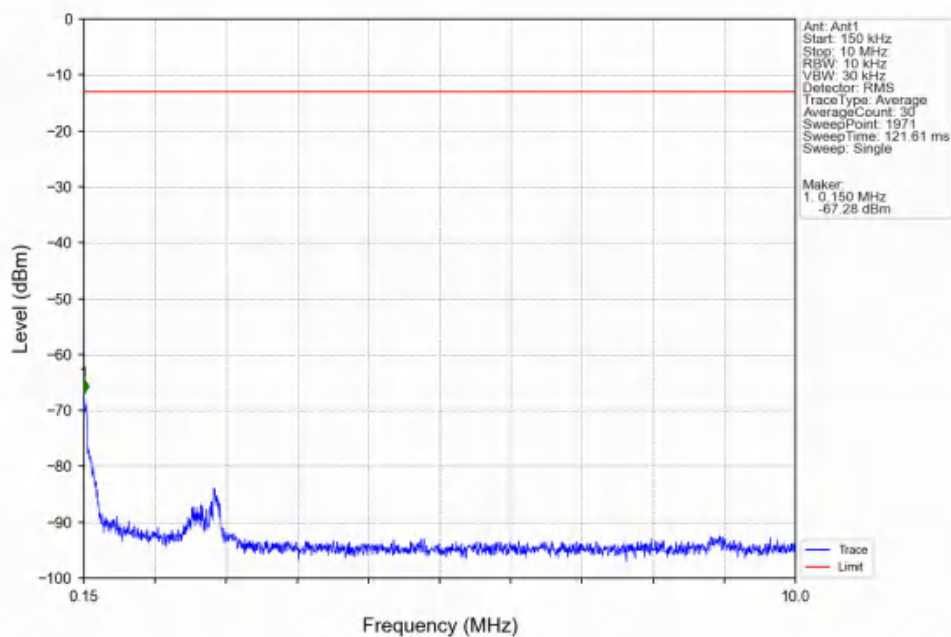
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



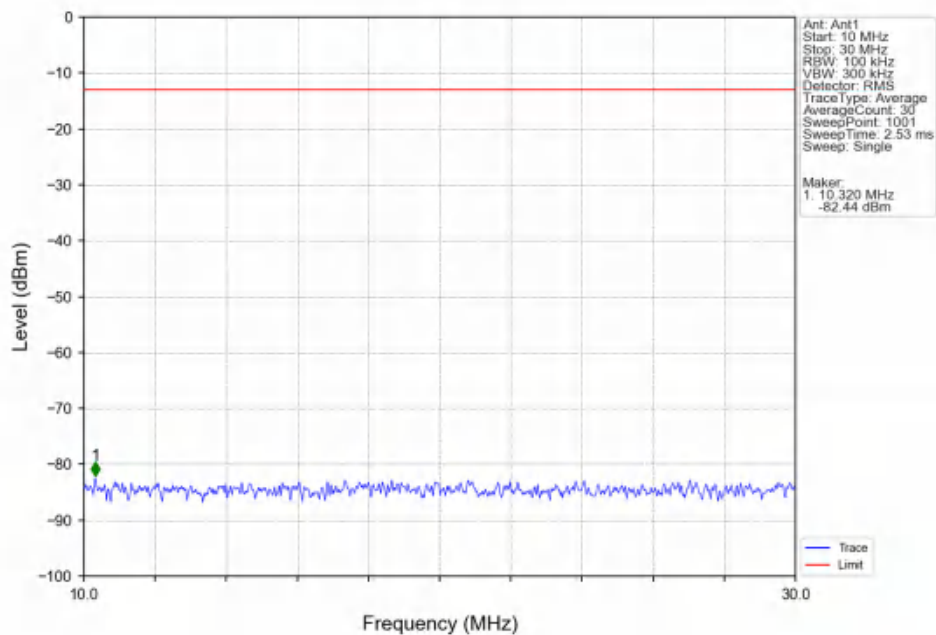
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



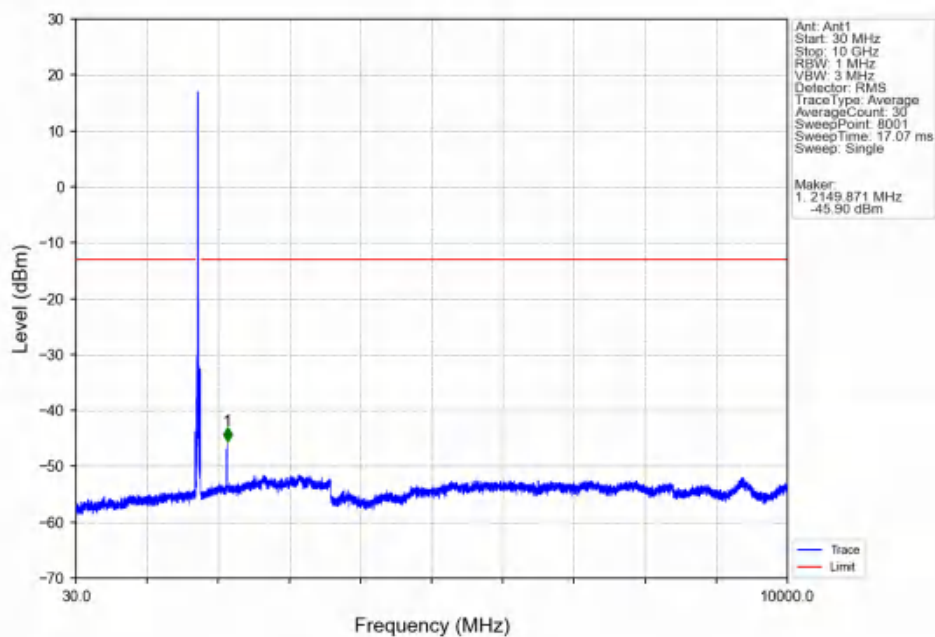
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



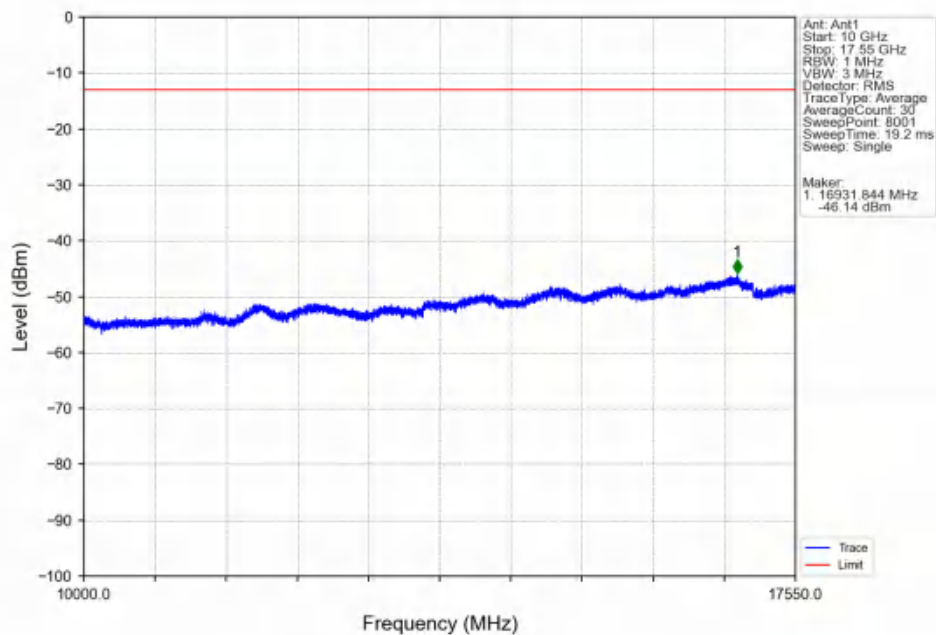
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



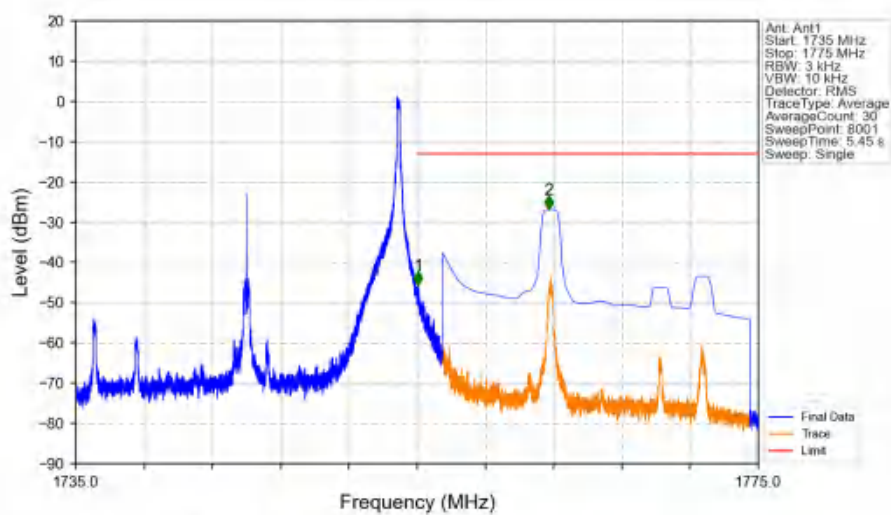
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV

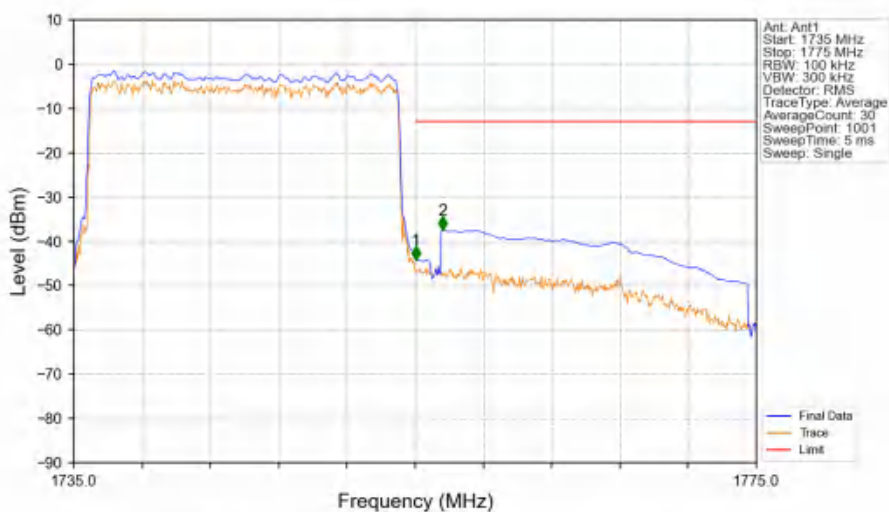


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



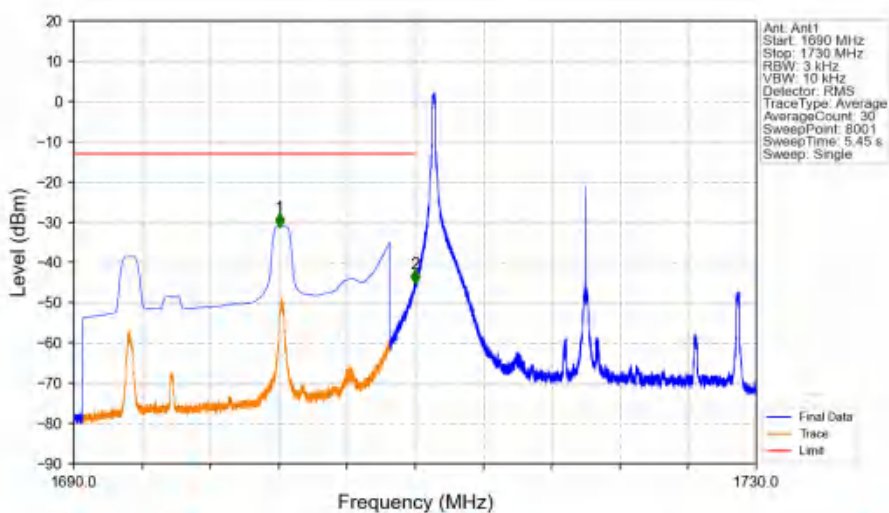
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.055	-45.74	-13	Pass
1756	1775	1	CHP	2	1762.725	-26.88	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



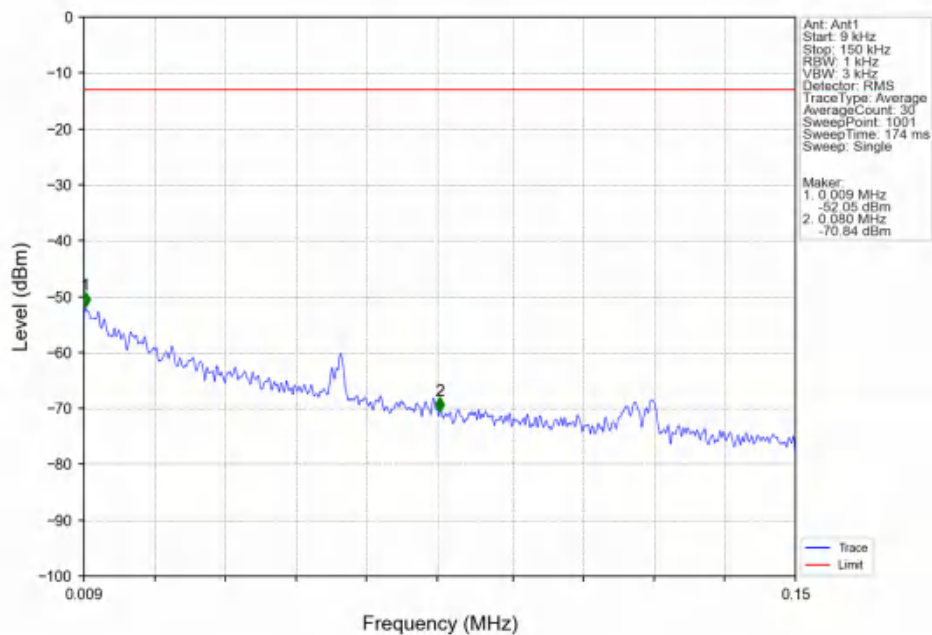
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.040	-44.20	-13	Pass
1756	1775	1	CHP	2	1756.600	-37.45	-13	Pass

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

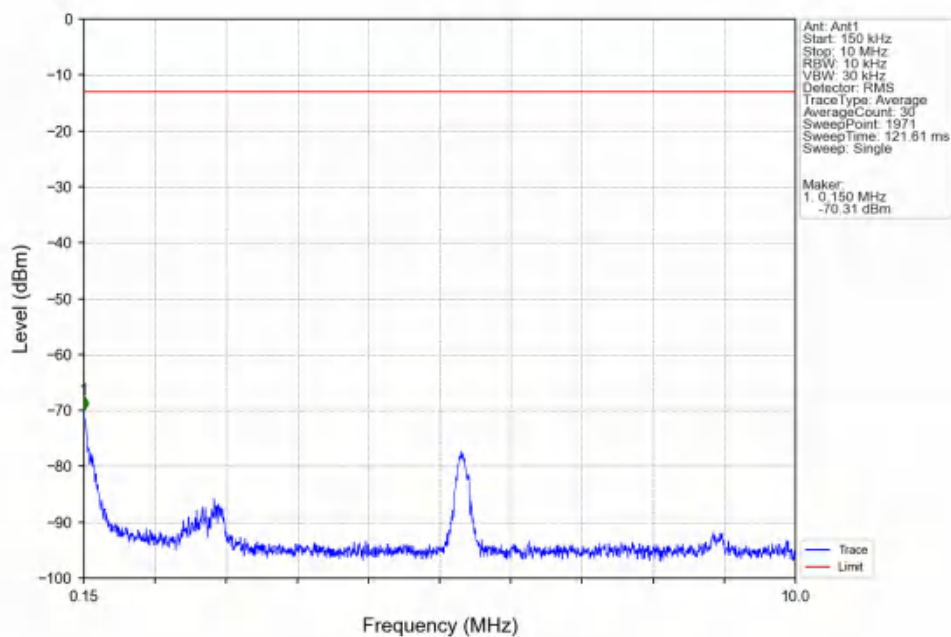


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.055	-31.15	-13	Pass
1709	1710	0.003	/	2	1709.995	-45.17	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

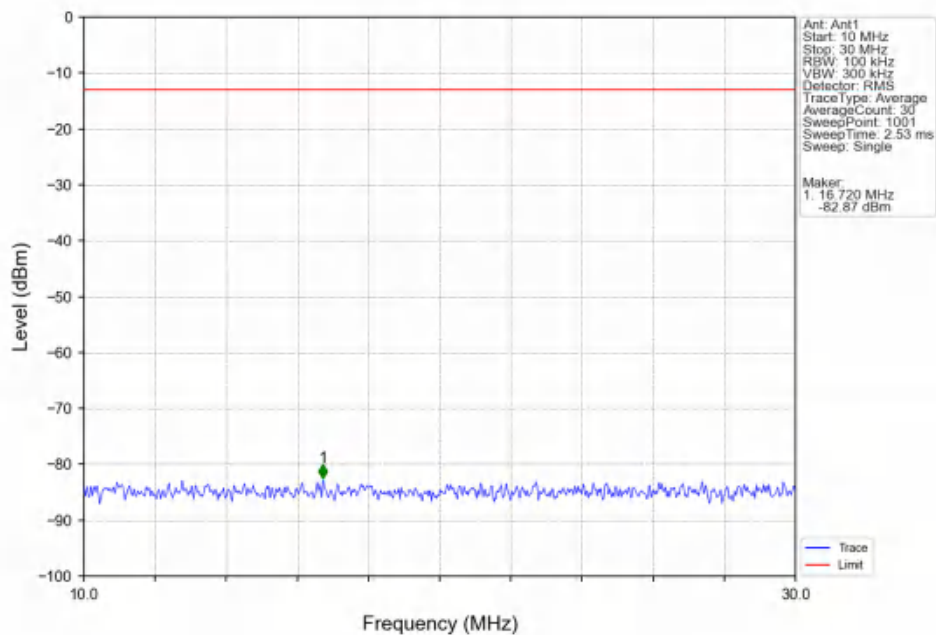
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



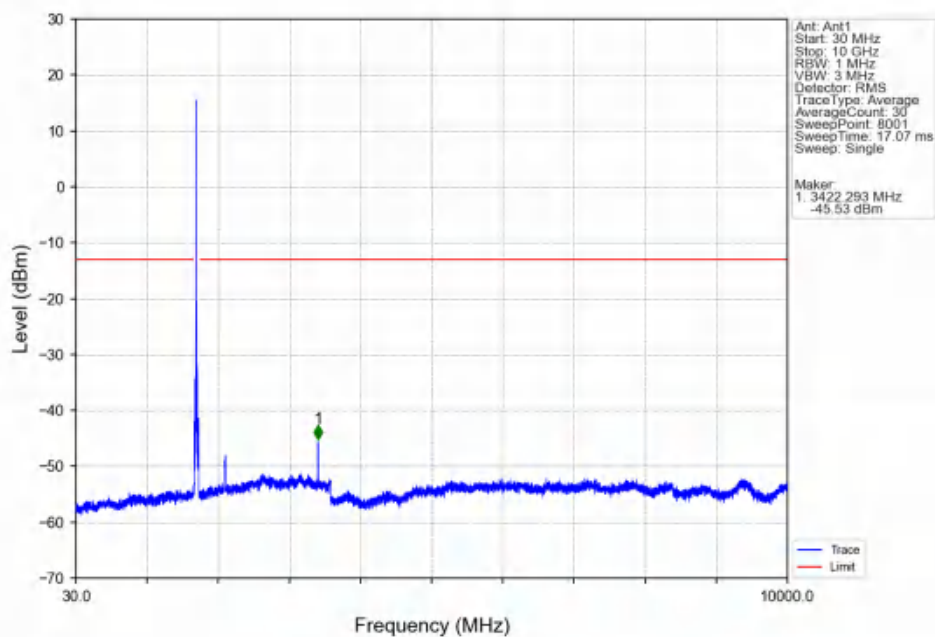
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



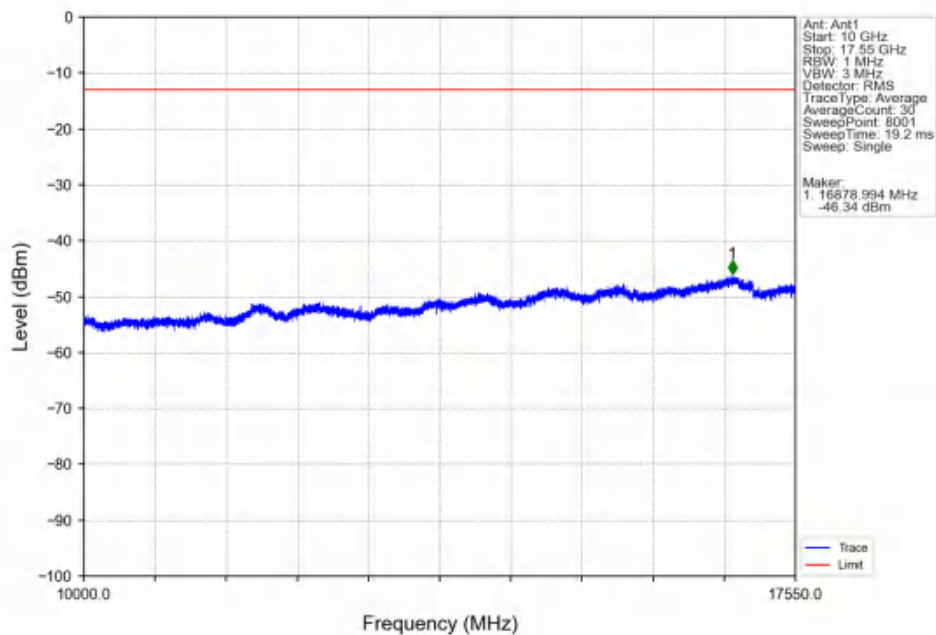
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



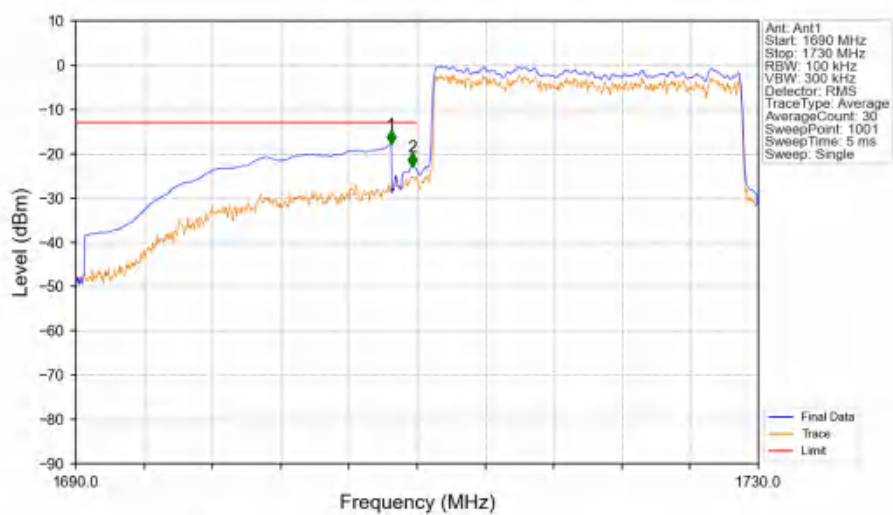
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



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

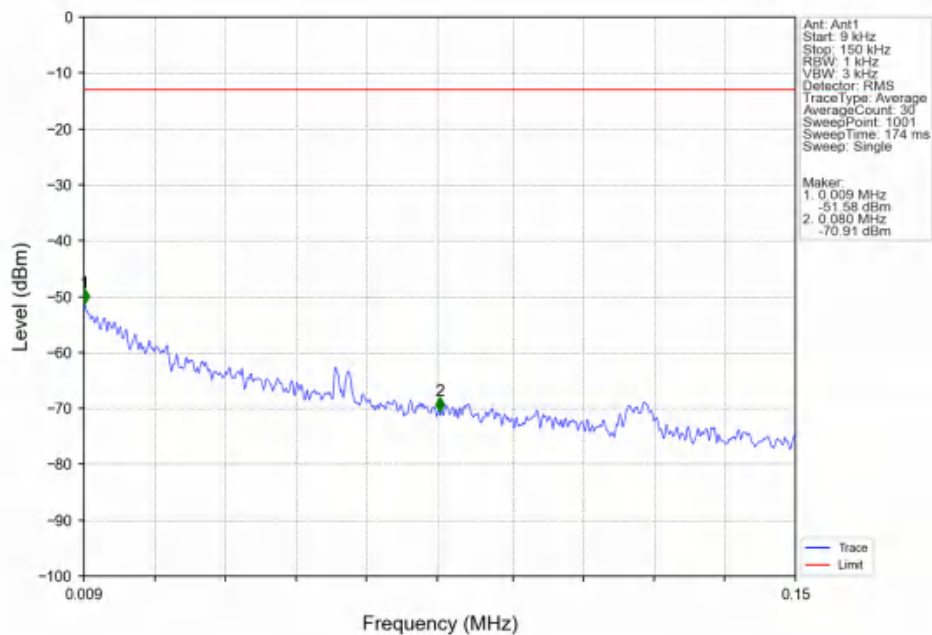


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

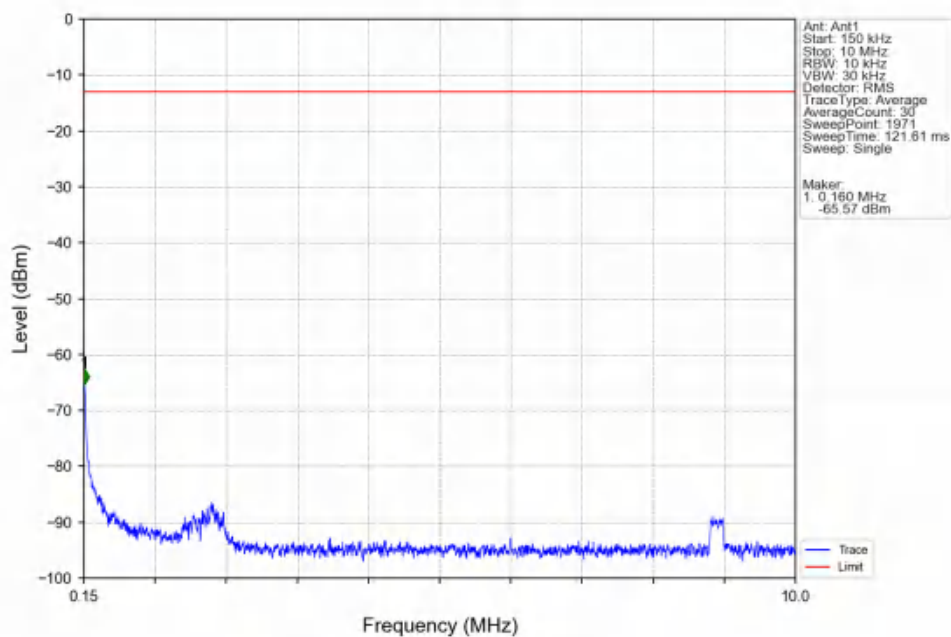


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-17.90	-13	Pass
1709	1710	0.197	CHP	2	1709.720	-22.91	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

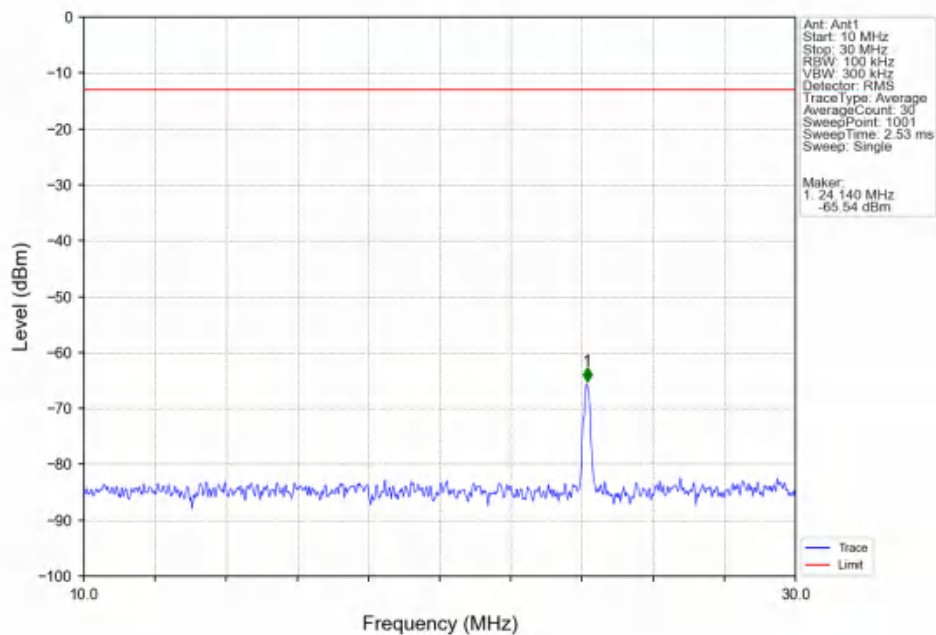
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



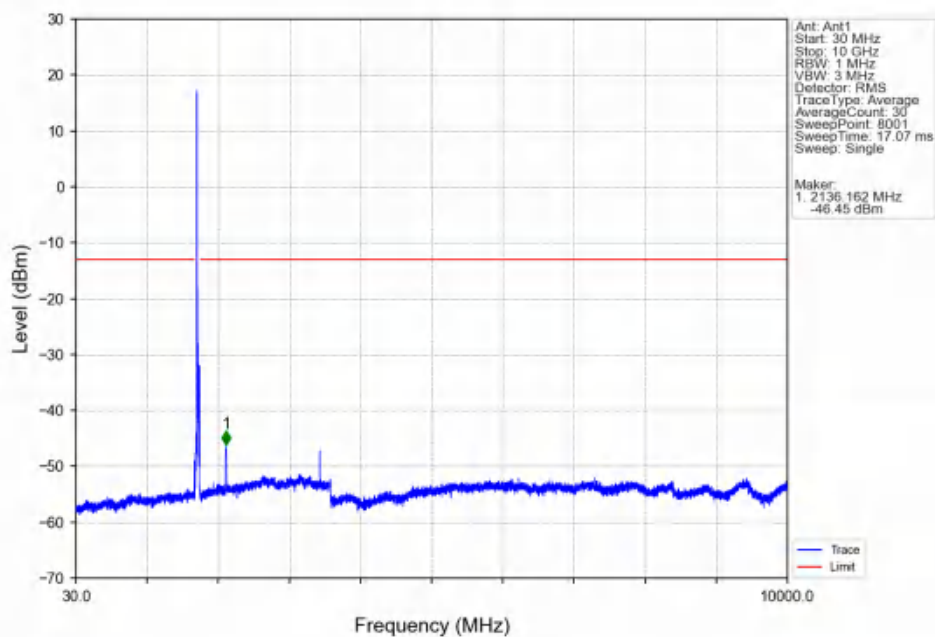
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



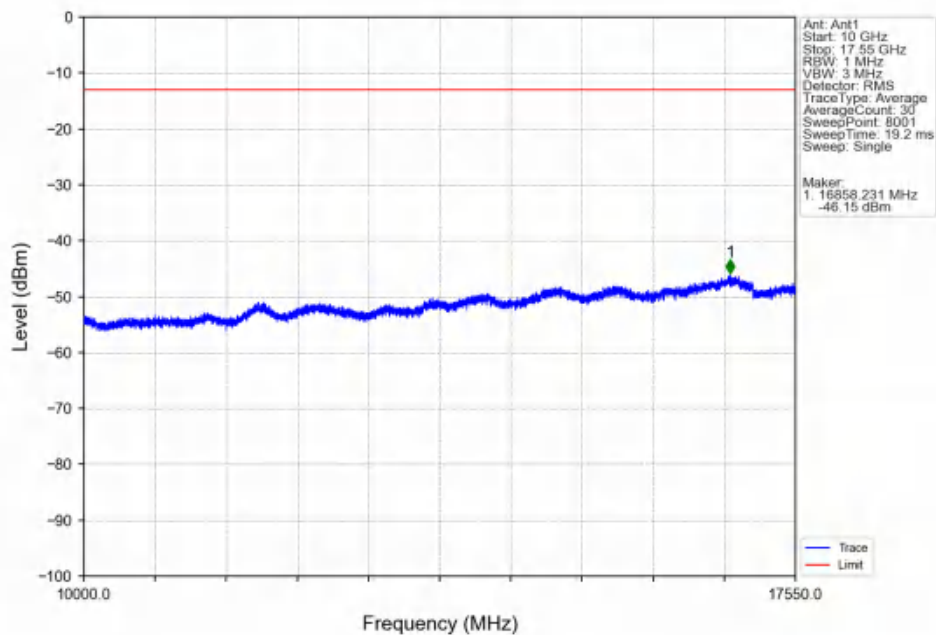
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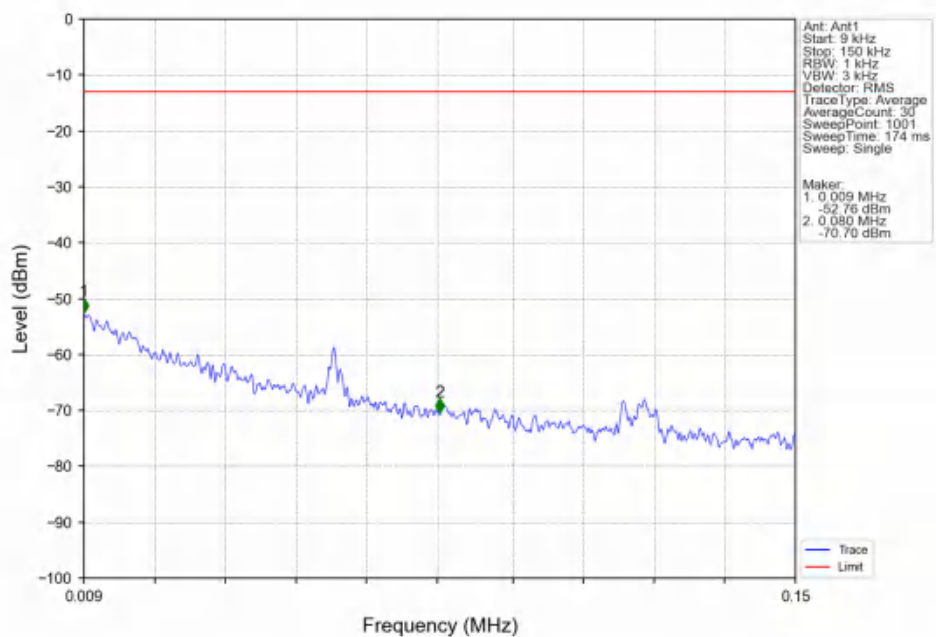
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTV



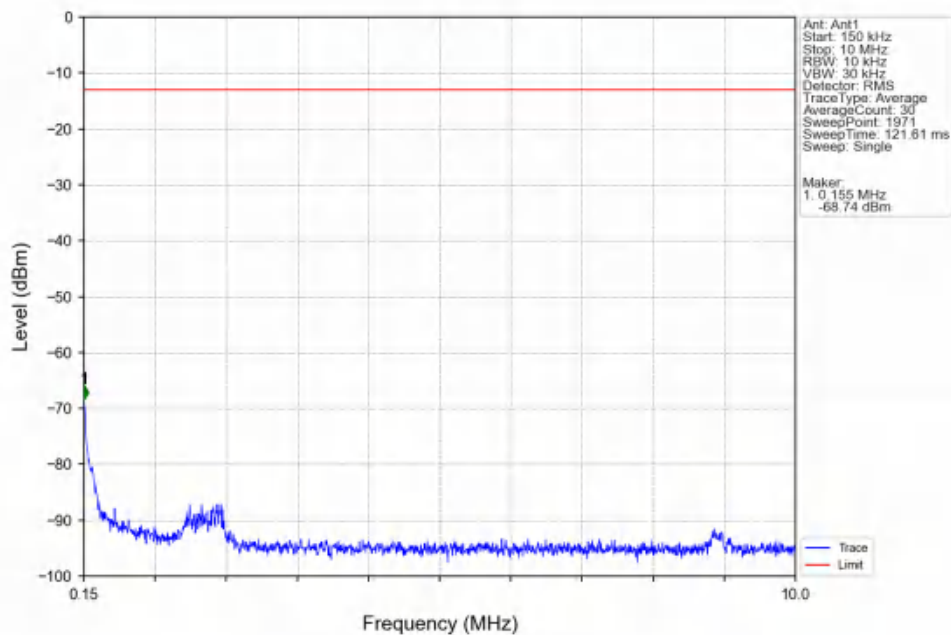
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



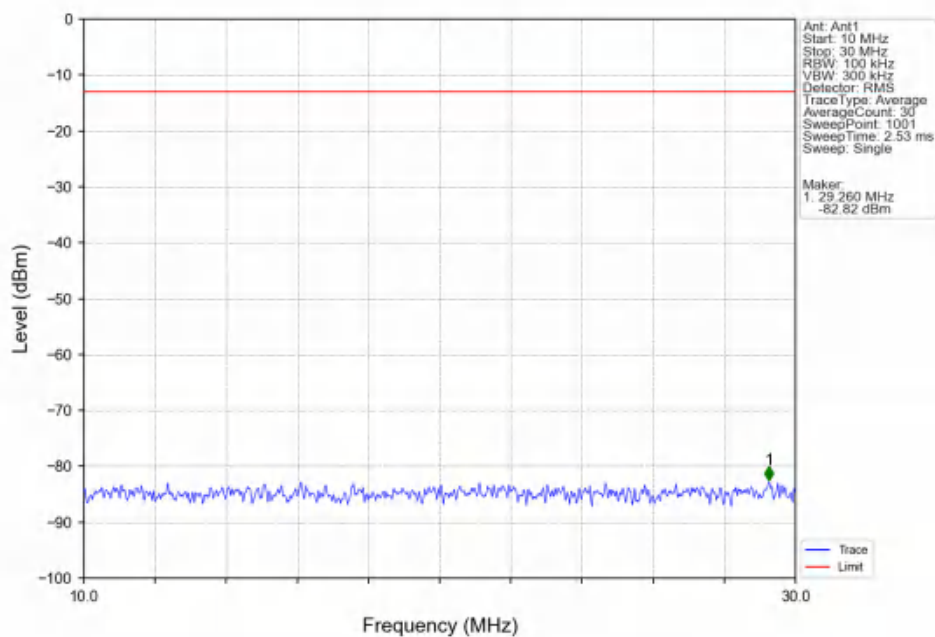
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



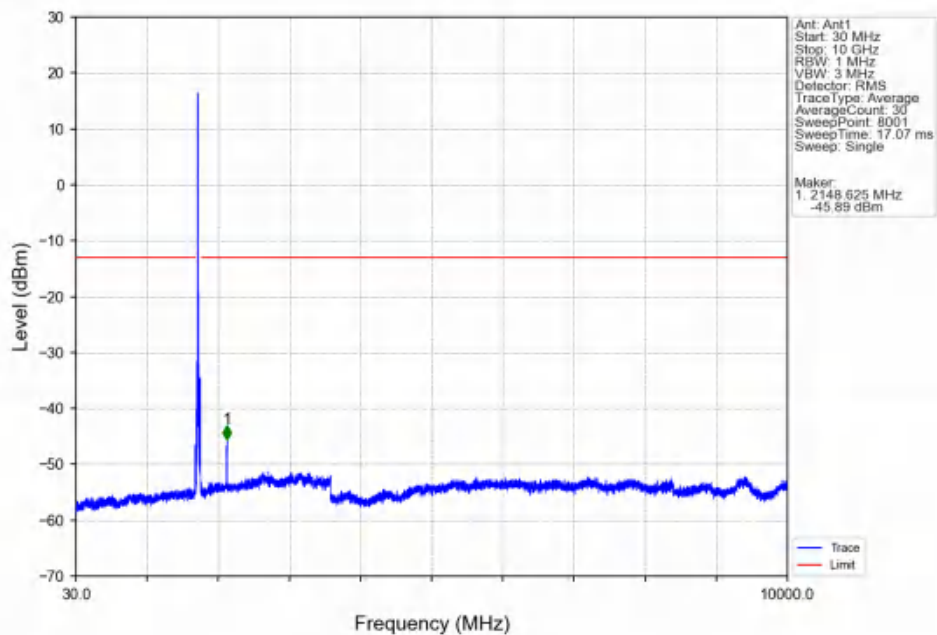
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



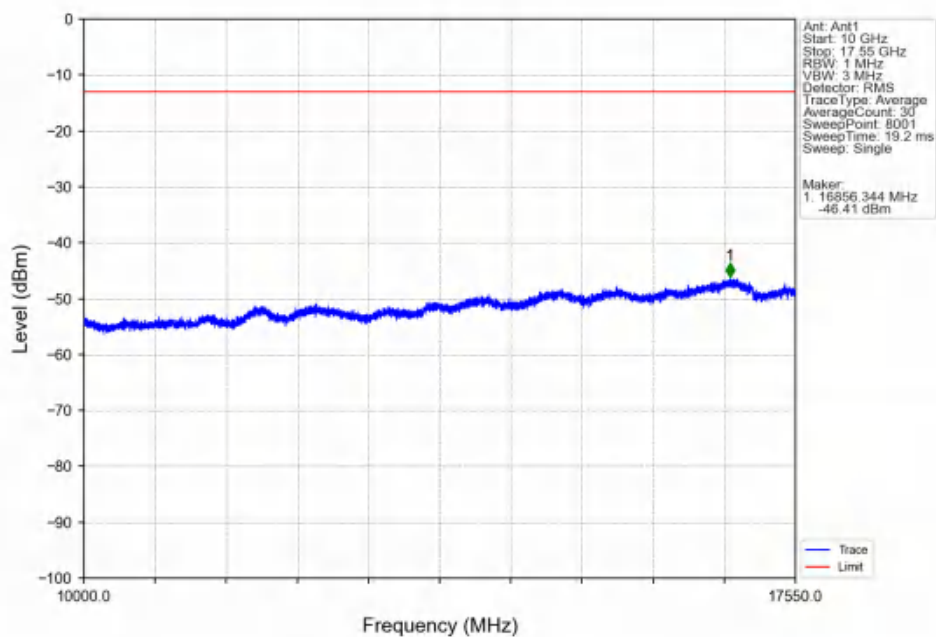
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



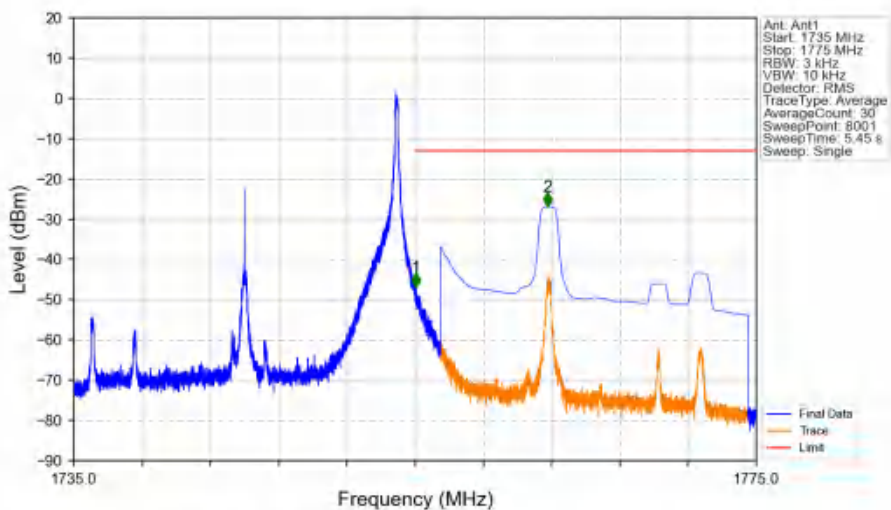
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



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

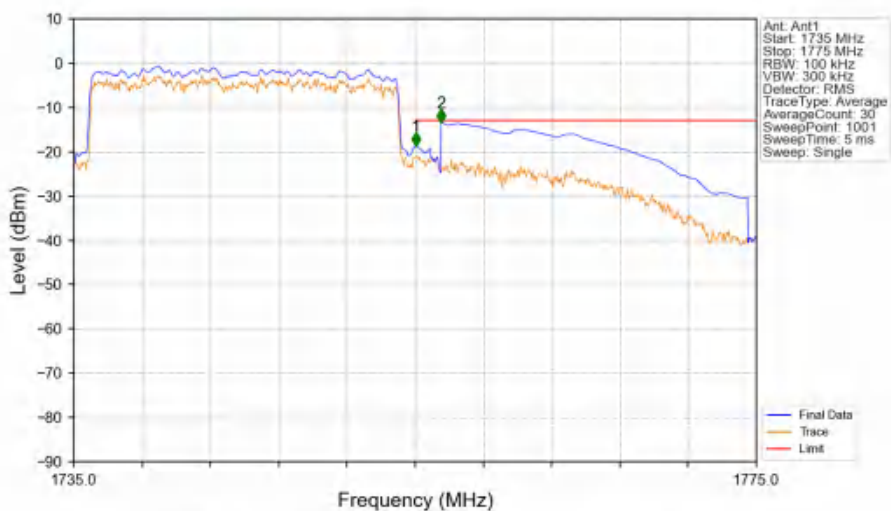


Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTNV



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	1755.030	-46.85	-13	Pass
1756	1775	1	CHP	2	1762.740	-26.90	-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	0.199	CHP	/	/	/	/	/
1755	1756	0.199	CHP	1	1755.040	-18.78	-13	Pass
1756	1775	1	CHP	2	1756.520	-13.47	-13	Pass