

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	22.29	1.10	23.39	<=30	Pass
			2	22.39	1.10	23.49	<=30	Pass
			5	22.27	1.10	23.37	<=30	Pass
		3	0	22.38	1.10	23.48	<=30	Pass
			2	22.39	1.10	23.49	<=30	Pass
			3	22.39	1.10	23.49	<=30	Pass
		6	0	21.31	1.10	22.41	<=30	Pass
	1732.5	1	0	22.34	1.10	23.44	<=30	Pass
			2	22.40	1.10	23.50	<=30	Pass
			5	22.38	1.10	23.48	<=30	Pass
		3	0	22.37	1.10	23.47	<=30	Pass
			2	22.41	1.10	23.51	<=30	Pass
			3	22.35	1.10	23.45	<=30	Pass
		6	0	21.45	1.10	22.55	<=30	Pass
	1754.3	1	0	22.33	1.10	23.43	<=30	Pass
			2	22.44	1.10	23.54	<=30	Pass
			5	22.32	1.10	23.42	<=30	Pass
		3	0	22.35	1.10	23.45	<=30	Pass
			2	22.39	1.10	23.49	<=30	Pass
			3	22.33	1.10	23.43	<=30	Pass
		6	0	21.41	1.10	22.51	<=30	Pass
16QAM	1710.7	1	0	21.25	1.10	22.35	<=30	Pass
			2	21.35	1.10	22.45	<=30	Pass
			5	21.32	1.10	22.42	<=30	Pass
		3	0	21.43	1.10	22.53	<=30	Pass
			2	21.45	1.10	22.55	<=30	Pass
			3	21.42	1.10	22.52	<=30	Pass
		6	0	20.27	1.10	21.37	<=30	Pass
	1732.5	1	0	21.41	1.10	22.51	<=30	Pass
			2	21.53	1.10	22.63	<=30	Pass
			5	21.41	1.10	22.51	<=30	Pass
		3	0	21.27	1.10	22.37	<=30	Pass
			2	21.27	1.10	22.37	<=30	Pass
			3	21.26	1.10	22.36	<=30	Pass
		6	0	20.38	1.10	21.48	<=30	Pass
	1754.3	1	0	21.20	1.10	22.30	<=30	Pass
			2	21.32	1.10	22.42	<=30	Pass
			5	21.21	1.10	22.31	<=30	Pass
		3	0	21.43	1.10	22.53	<=30	Pass
			2	21.51	1.10	22.61	<=30	Pass
			3	21.48	1.10	22.58	<=30	Pass
		6	0	20.35	1.10	21.45	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.28	1.10	23.38	<=30	Pass
			7	22.40	1.10	23.50	<=30	Pass
			14	22.28	1.10	23.38	<=30	Pass
		8	0	21.32	1.10	22.42	<=30	Pass
			4	21.33	1.10	22.43	<=30	Pass
			7	21.27	1.10	22.37	<=30	Pass
		15	0	21.31	1.10	22.41	<=30	Pass
	1732.5	1	0	22.41	1.10	23.51	<=30	Pass
			7	22.53	1.10	23.63	<=30	Pass
			14	22.47	1.10	23.57	<=30	Pass
		8	0	21.37	1.10	22.47	<=30	Pass
			4	21.40	1.10	22.50	<=30	Pass
			7	21.37	1.10	22.47	<=30	Pass
		15	0	21.30	1.10	22.40	<=30	Pass
	1753.5	1	0	22.38	1.10	23.48	<=30	Pass
			7	22.53	1.10	23.63	<=30	Pass
			14	22.38	1.10	23.48	<=30	Pass
		8	0	21.38	1.10	22.48	<=30	Pass
			4	21.43	1.10	22.53	<=30	Pass
			7	21.39	1.10	22.49	<=30	Pass
16QAM	1711.5	1	0	21.84	1.10	22.94	<=30	Pass
			7	21.99	1.10	23.09	<=30	Pass
			14	21.88	1.10	22.98	<=30	Pass
		8	0	20.49	1.10	21.59	<=30	Pass
			4	20.55	1.10	21.65	<=30	Pass
			7	20.51	1.10	21.61	<=30	Pass
		15	0	20.41	1.10	21.51	<=30	Pass
	1732.5	1	0	21.31	1.10	22.41	<=30	Pass
			7	21.43	1.10	22.53	<=30	Pass
			14	21.25	1.10	22.35	<=30	Pass
		8	0	20.37	1.10	21.47	<=30	Pass
			4	20.40	1.10	21.50	<=30	Pass
			7	20.36	1.10	21.46	<=30	Pass
		15	0	20.33	1.10	21.43	<=30	Pass
	1753.5	1	0	21.42	1.10	22.52	<=30	Pass
			7	21.58	1.10	22.68	<=30	Pass
			14	21.46	1.10	22.56	<=30	Pass
		8	0	20.29	1.10	21.39	<=30	Pass
			4	20.33	1.10	21.43	<=30	Pass
			7	20.29	1.10	21.39	<=30	Pass
		15	0	20.24	1.10	21.34	<=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	22.22	1.10	23.32	<=30	Pass
			13	22.35	1.10	23.45	<=30	Pass
			24	22.23	1.10	23.33	<=30	Pass
		12	0	21.31	1.10	22.41	<=30	Pass
			6	21.34	1.10	22.44	<=30	Pass
			13	21.31	1.10	22.41	<=30	Pass
		25	0	21.29	1.10	22.39	<=30	Pass

16QAM	1732.5	1	0	22.25	1.10	23.35	<=30	Pass
			13	22.38	1.10	23.48	<=30	Pass
			24	22.29	1.10	23.39	<=30	Pass
		12	0	21.28	1.10	22.38	<=30	Pass
			6	21.34	1.10	22.44	<=30	Pass
			13	21.27	1.10	22.37	<=30	Pass
		25	0	21.22	1.10	22.32	<=30	Pass
	1752.5	1	0	22.31	1.10	23.41	<=30	Pass
			13	22.41	1.10	23.51	<=30	Pass
			24	22.31	1.10	23.41	<=30	Pass
		12	0	21.25	1.10	22.35	<=30	Pass
			6	21.39	1.10	22.49	<=30	Pass
			13	21.31	1.10	22.41	<=30	Pass
		25	0	21.27	1.10	22.37	<=30	Pass
16QAM	1712.5	1	0	21.49	1.10	22.59	<=30	Pass
			13	21.63	1.10	22.73	<=30	Pass
			24	21.53	1.10	22.63	<=30	Pass
		12	0	20.36	1.10	21.46	<=30	Pass
			6	20.43	1.10	21.53	<=30	Pass
			13	20.38	1.10	21.48	<=30	Pass
		25	0	20.33	1.10	21.43	<=30	Pass
	1732.5	1	0	21.03	1.10	22.13	<=30	Pass
			13	21.12	1.10	22.22	<=30	Pass
			24	21.01	1.10	22.11	<=30	Pass
		12	0	20.29	1.10	21.39	<=30	Pass
			6	20.31	1.10	21.41	<=30	Pass
			13	20.24	1.10	21.34	<=30	Pass
		25	0	20.29	1.10	21.39	<=30	Pass
	1752.5	1	0	21.28	1.10	22.38	<=30	Pass
			13	21.37	1.10	22.47	<=30	Pass
			24	21.32	1.10	22.42	<=30	Pass
		12	0	20.18	1.10	21.28	<=30	Pass
			6	20.31	1.10	21.41	<=30	Pass
			13	20.29	1.10	21.39	<=30	Pass
		25	0	20.25	1.10	21.35	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.30	1.10	23.40	<=30	Pass
			25	22.48	1.10	23.58	<=30	Pass
			49	22.33	1.10	23.43	<=30	Pass
		25	0	21.37	1.10	22.47	<=30	Pass
			13	21.35	1.10	22.45	<=30	Pass
			25	21.32	1.10	22.42	<=30	Pass
		50	0	21.36	1.10	22.46	<=30	Pass
	1732.5	1	0	22.30	1.10	23.40	<=30	Pass
			25	22.49	1.10	23.59	<=30	Pass
			49	22.38	1.10	23.48	<=30	Pass
		25	0	21.37	1.10	22.47	<=30	Pass
			13	21.32	1.10	22.42	<=30	Pass
			25	21.32	1.10	22.42	<=30	Pass
		50	0	21.32	1.10	22.42	<=30	Pass
	1750	1	0	22.43	1.10	23.53	<=30	Pass
			25	22.59	1.10	23.69	<=30	Pass

16QAM	1715	25	49	22.36	1.10	23.46	<=30	Pass
			0	21.23	1.10	22.33	<=30	Pass
			13	21.28	1.10	22.38	<=30	Pass
			25	21.38	1.10	22.48	<=30	Pass
		50	0	21.26	1.10	22.36	<=30	Pass
	1732.5	1	0	21.29	1.10	22.39	<=30	Pass
			25	21.49	1.10	22.59	<=30	Pass
			49	21.34	1.10	22.44	<=30	Pass
		25	0	20.48	1.10	21.58	<=30	Pass
			13	20.51	1.10	21.61	<=30	Pass
			25	20.46	1.10	21.56	<=30	Pass
		50	0	20.42	1.10	21.52	<=30	Pass
	1750	1	0	21.45	1.10	22.55	<=30	Pass
			25	21.56	1.10	22.66	<=30	Pass
			49	21.37	1.10	22.47	<=30	Pass
		25	0	20.44	1.10	21.54	<=30	Pass
			13	20.34	1.10	21.44	<=30	Pass
			25	20.30	1.10	21.40	<=30	Pass
		50	0	20.35	1.10	21.45	<=30	Pass
		1	0	21.58	1.10	22.68	<=30	Pass
			25	21.78	1.10	22.88	<=30	Pass
			49	21.72	1.10	22.82	<=30	Pass
		25	0	20.19	1.10	21.29	<=30	Pass
			13	20.27	1.10	21.37	<=30	Pass
			25	20.40	1.10	21.50	<=30	Pass
		50	0	20.22	1.10	21.32	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.22	1.10	23.32	<=30	Pass
			38	22.30	1.10	23.40	<=30	Pass
			74	22.21	1.10	23.31	<=30	Pass
		36	0	21.43	1.10	22.53	<=30	Pass
			18	21.39	1.10	22.49	<=30	Pass
			39	21.32	1.10	22.42	<=30	Pass
		75	0	21.35	1.10	22.45	<=30	Pass
	1732.5	1	0	22.21	1.10	23.31	<=30	Pass
			38	22.41	1.10	23.51	<=30	Pass
			74	22.29	1.10	23.39	<=30	Pass
		36	0	21.43	1.10	22.53	<=30	Pass
			18	21.52	1.10	22.62	<=30	Pass
			39	21.52	1.10	22.62	<=30	Pass
		75	0	21.48	1.10	22.58	<=30	Pass
	1747.5	1	0	22.35	1.10	23.45	<=30	Pass
			38	22.43	1.10	23.53	<=30	Pass
			74	22.26	1.10	23.36	<=30	Pass
		36	0	21.46	1.10	22.56	<=30	Pass
			18	21.51	1.10	22.61	<=30	Pass
			39	21.52	1.10	22.62	<=30	Pass
		75	0	21.45	1.10	22.55	<=30	Pass
16QAM	1717.5	1	0	21.58	1.10	22.68	<=30	Pass
			38	21.75	1.10	22.85	<=30	Pass
			74	21.58	1.10	22.68	<=30	Pass
		36	0	20.41	1.10	21.51	<=30	Pass

		75	18	20.40	1.10	21.50	<=30	Pass
			39	20.33	1.10	21.43	<=30	Pass
			0	20.39	1.10	21.49	<=30	Pass
	1732.5	1	0	21.38	1.10	22.48	<=30	Pass
			38	21.44	1.10	22.54	<=30	Pass
			74	21.27	1.10	22.37	<=30	Pass
		36	0	20.44	1.10	21.54	<=30	Pass
			18	20.41	1.10	21.51	<=30	Pass
			39	20.34	1.10	21.44	<=30	Pass
		75	0	20.43	1.10	21.53	<=30	Pass
	1747.5	1	0	21.52	1.10	22.62	<=30	Pass
			38	21.65	1.10	22.75	<=30	Pass
			74	21.68	1.10	22.78	<=30	Pass
		36	0	20.33	1.10	21.43	<=30	Pass
			18	20.37	1.10	21.47	<=30	Pass
			39	20.41	1.10	21.51	<=30	Pass
		75	0	20.36	1.10	21.46	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.04	1.10	23.14	<=30	Pass
			50	22.47	1.10	23.57	<=30	Pass
			99	22.14	1.10	23.24	<=30	Pass
		50	0	21.38	1.10	22.48	<=30	Pass
			25	21.34	1.10	22.44	<=30	Pass
			50	21.20	1.10	22.30	<=30	Pass
		100	0	21.34	1.10	22.44	<=30	Pass
	1732.5	1	0	22.05	1.10	23.15	<=30	Pass
			50	22.53	1.10	23.63	<=30	Pass
			99	22.15	1.10	23.25	<=30	Pass
		50	0	21.33	1.10	22.43	<=30	Pass
			25	21.31	1.10	22.41	<=30	Pass
			50	21.22	1.10	22.32	<=30	Pass
		100	0	21.32	1.10	22.42	<=30	Pass
	1745	1	0	22.13	1.10	23.23	<=30	Pass
			50	22.55	1.10	23.65	<=30	Pass
			99	22.12	1.10	23.22	<=30	Pass
		50	0	21.14	1.10	22.24	<=30	Pass
			25	21.27	1.10	22.37	<=30	Pass
			50	21.35	1.10	22.45	<=30	Pass
		100	0	21.28	1.10	22.38	<=30	Pass
16QAM	1720	1	0	21.26	1.10	22.36	<=30	Pass
			50	21.70	1.10	22.80	<=30	Pass
			99	21.26	1.10	22.36	<=30	Pass
		50	0	20.47	1.10	21.57	<=30	Pass
			25	20.40	1.10	21.50	<=30	Pass
			50	20.26	1.10	21.36	<=30	Pass
		100	0	20.39	1.10	21.49	<=30	Pass
	1732.5	1	0	21.38	1.10	22.48	<=30	Pass
			50	21.62	1.10	22.72	<=30	Pass
			99	21.17	1.10	22.27	<=30	Pass
		50	0	20.39	1.10	21.49	<=30	Pass
			25	20.33	1.10	21.43	<=30	Pass
			50	20.19	1.10	21.29	<=30	Pass

		100	0	20.33	1.10	21.43	<=30	Pass
	1745	1	0	21.43	1.10	22.53	<=30	Pass
			50	21.76	1.10	22.86	<=30	Pass
			99	21.52	1.10	22.62	<=30	Pass
			50	0	20.06	1.10	21.16	<=30
		25		20.16	1.10	21.26	<=30	Pass
		50		20.28	1.10	21.38	<=30	Pass
		100	0	20.20	1.10	21.30	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-4.234	-0.0025	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.788	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.163	-0.0024	-2.5 to 2.5	Pass
					3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
					4.43	-6.838	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-6.452	-0.0037	-2.5 to 2.5	Pass
					3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
					4.43	-3.719	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-8.626	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-3.419	-0.0020	-2.5 to 2.5	Pass
					3.85	-3.304	-0.0019	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass

				-20	3.85	-7.181	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0021	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.807	-0.0028	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
					4.43	-8.383	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.133	-0.0018	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.612	-0.0049	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-16.694	-0.0098	-2.5 to 2.5	Pass
					3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
					4.43	-6.752	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.563	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-5.264	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-11.444	-0.0066	-2.5 to 2.5	Pass
					3.85	-7.997	-0.0046	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-2.789	-0.0016	-2.5 to 2.5	Pass

					3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-7.095	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-6.895	-0.0039	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-5.822	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				1732.5	15	0	20	3.27	0.186
	3.85	-4.163	-0.0024					-2.5 to 2.5	Pass
	4.43	-0.358	-0.0002					-2.5 to 2.5	Pass
	-30	3.85	-4.764				-0.0027	-2.5 to 2.5	Pass
	-20	3.85	-3.619				-0.0021	-2.5 to 2.5	Pass
	-10	3.85	-3.862				-0.0022	-2.5 to 2.5	Pass
	0	3.85	-6.065				-0.0035	-2.5 to 2.5	Pass
	10	3.85	-4.792				-0.0028	-2.5 to 2.5	Pass
	30	3.85	-5.035				-0.0029	-2.5 to 2.5	Pass
	40	3.85	-7.710				-0.0045	-2.5 to 2.5	Pass
	50	3.85	-4.478				-0.0026	-2.5 to 2.5	Pass
	1753.5	15	0				20	3.27	-7.825
				3.85	-4.749	-0.0027		-2.5 to 2.5	Pass
				4.43	-4.635	-0.0026		-2.5 to 2.5	Pass
				-30	3.85	-5.894	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.680	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-5.336	-0.0030	-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	-4.077	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0034	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0023	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-6.137	-0.0036	-2.5 to 2.5	Pass
					3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.921	-0.0029	-2.5 to 2.5	Pass

				40	3.85	-5.965	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.418	-0.0014	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
					4.43	-2.775	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.217	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.294	-0.0036	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-5.751	-0.0033	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.675	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.495	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-9.885	-0.0058	-2.5 to 2.5	Pass
					3.85	-10.042	-0.0059	-2.5 to 2.5	Pass
					4.43	-5.178	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.519	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.922	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-5.608	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.034	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.526	-0.0050	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.646	-0.0015	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
					4.43	-8.111	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-8.655	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-0.272	-0.0002	-2.5 to 2.5	Pass
					3.85	-9.370	-0.0053	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-6.509	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.452	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-7.839	-0.0045	-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	-11.845	-0.0069	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0032	-2.5 to 2.5	Pass
					4.43	-5.808	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.554	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-7.381	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-7.553	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.782	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-10.128	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-5.751	-0.0034	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-8.769	-0.0051	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.389	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-12.202	-0.0070	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.180	-0.0035	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-6.566	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-3.076	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-3.433	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.777	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-8.297	-0.0048	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-6.623	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
					4.43	-8.569	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-8.898	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-7.010	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-8.883	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass

	1750	50	0	20	3.27	-1.845	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.792	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.106	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.789	-0.0016	-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	-5.794	-0.0034	-2.5 to 2.5	Pass
					3.85	-6.380	-0.0037	-2.5 to 2.5	Pass
					4.43	-8.912	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-3.376	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.980	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-7.024	-0.0041	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.963	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.051	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.692	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.506	-0.0026	-2.5 to 2.5	Pass
					3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
					4.43	-4.578	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-6.108	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-6.566	-0.0038	-2.5 to 2.5	Pass
					3.85	-6.781	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass

	1732.5	75	0	30	3.85	-2.160	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass
				20	3.27	-2.704	-0.0016	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
	1747.5	75	0	0	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-7.482	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-4.649	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.190	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-9.599	-0.0056	-2.5 to 2.5	Pass
					3.85	-10.886	-0.0063	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-8.583	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-11.044	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
	1732.5	100	0	50	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				20	3.27	-7.224	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.550	-0.0032	-2.5 to 2.5	Pass
	1745	100	0	40	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-7.510	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-5.307	-0.0030	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
					4.43	-0.730	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass

16QAM				-10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
	1720	100	0	50	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				20	3.27	-4.034	-0.0023	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.074	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-3.505	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
					4.43	-5.450	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-4.478	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-4.177	-0.0024	-2.5 to 2.5	Pass
					3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-5.264	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.874	-0.0011	-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	
		Size	Offset	Result	Limit
QPSK	1732.5	6	0	Refer To Test Graph	
16QAM	1732.5	6	0	Refer To Test Graph	

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV					
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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

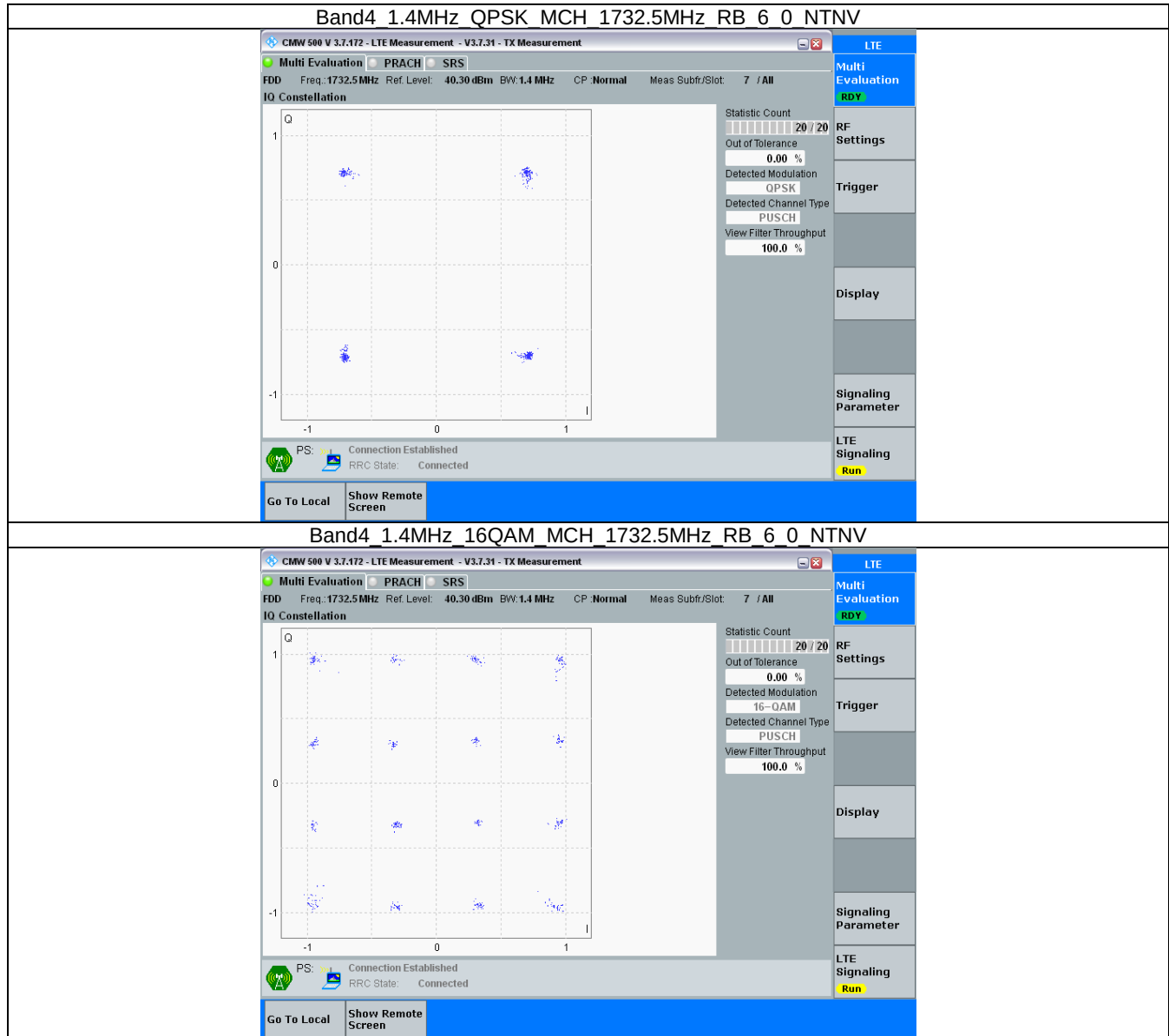
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

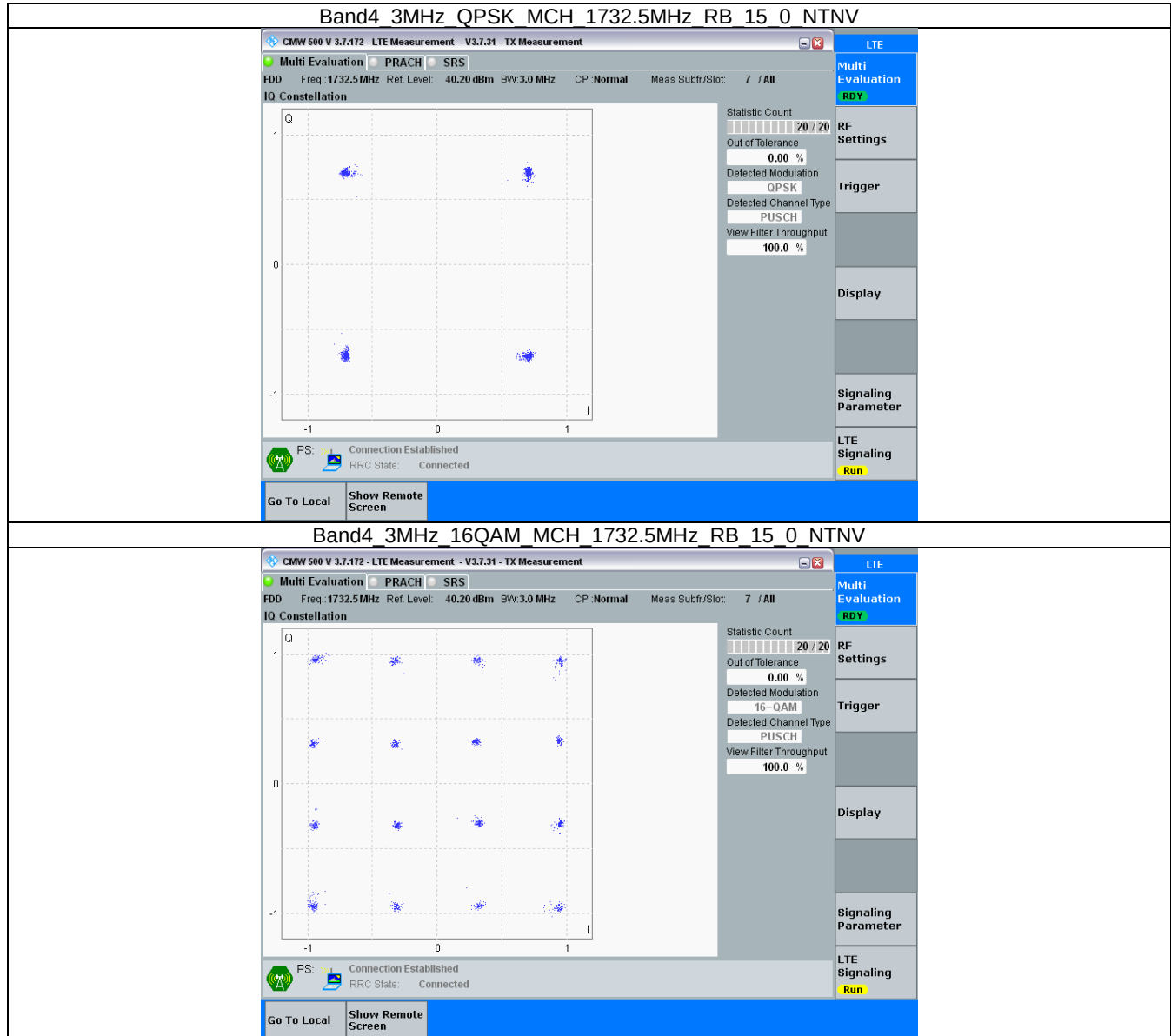
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

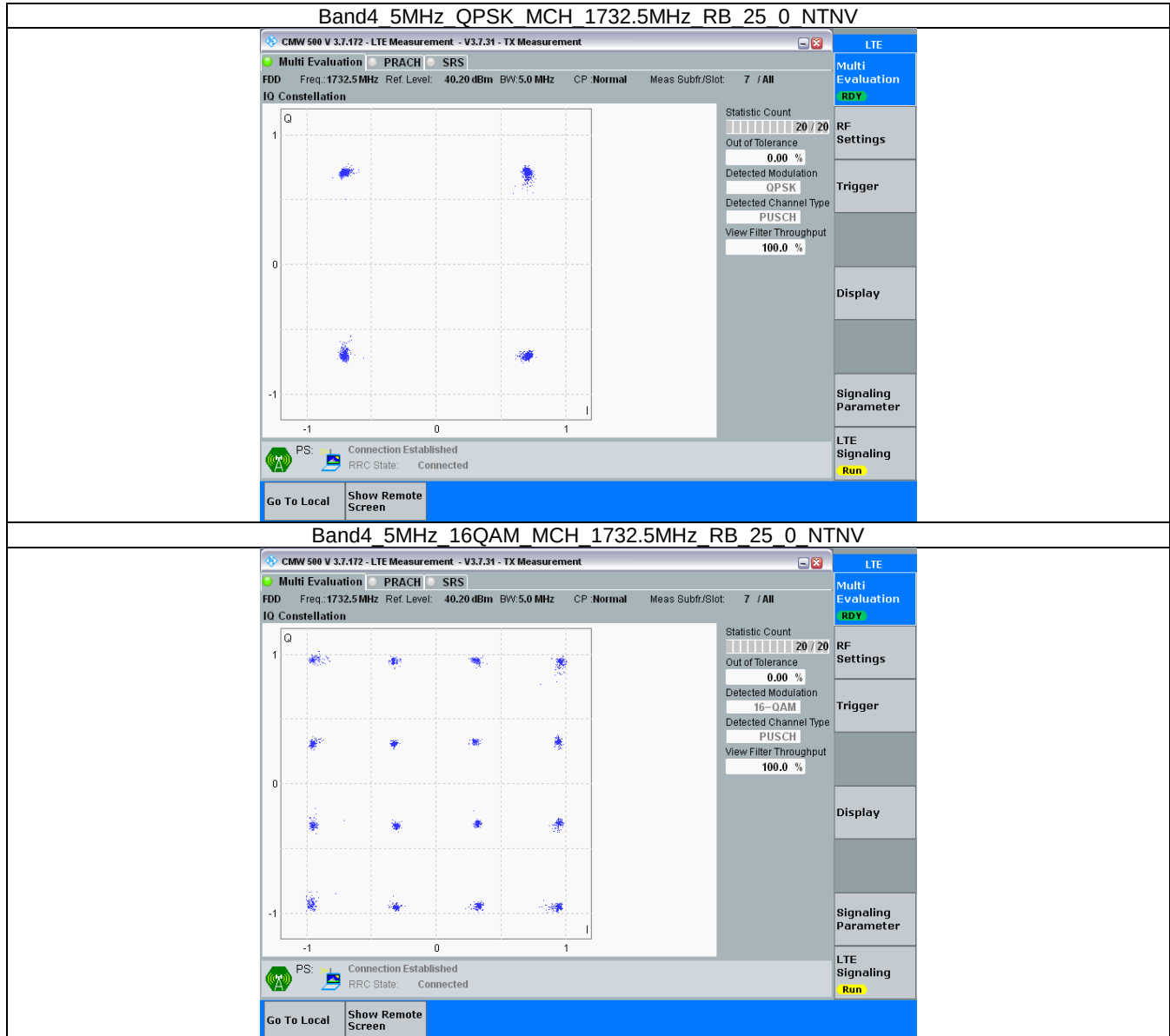
3.2.1 B4_1.4MHz



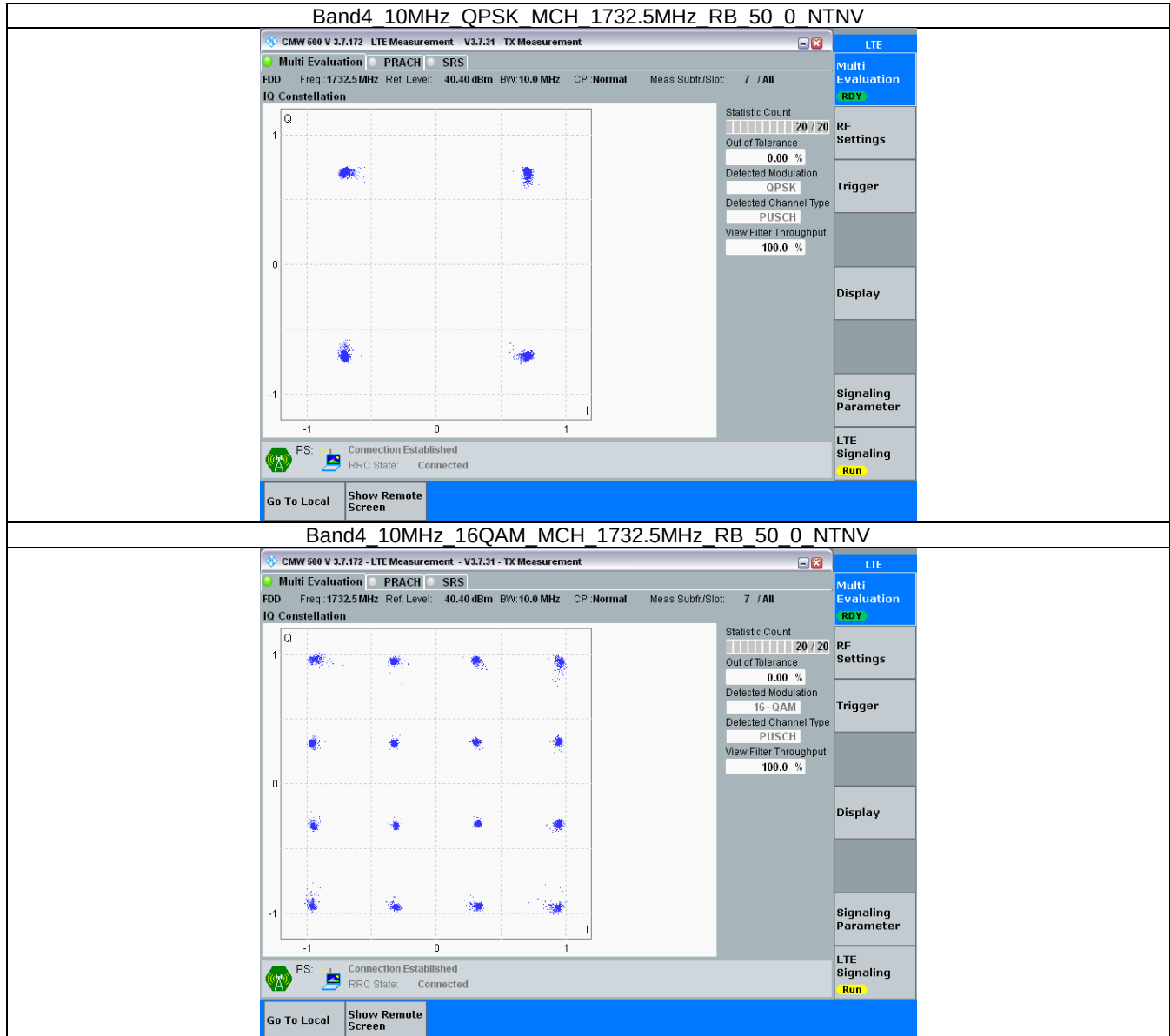
3.2.2 B4_3MHz



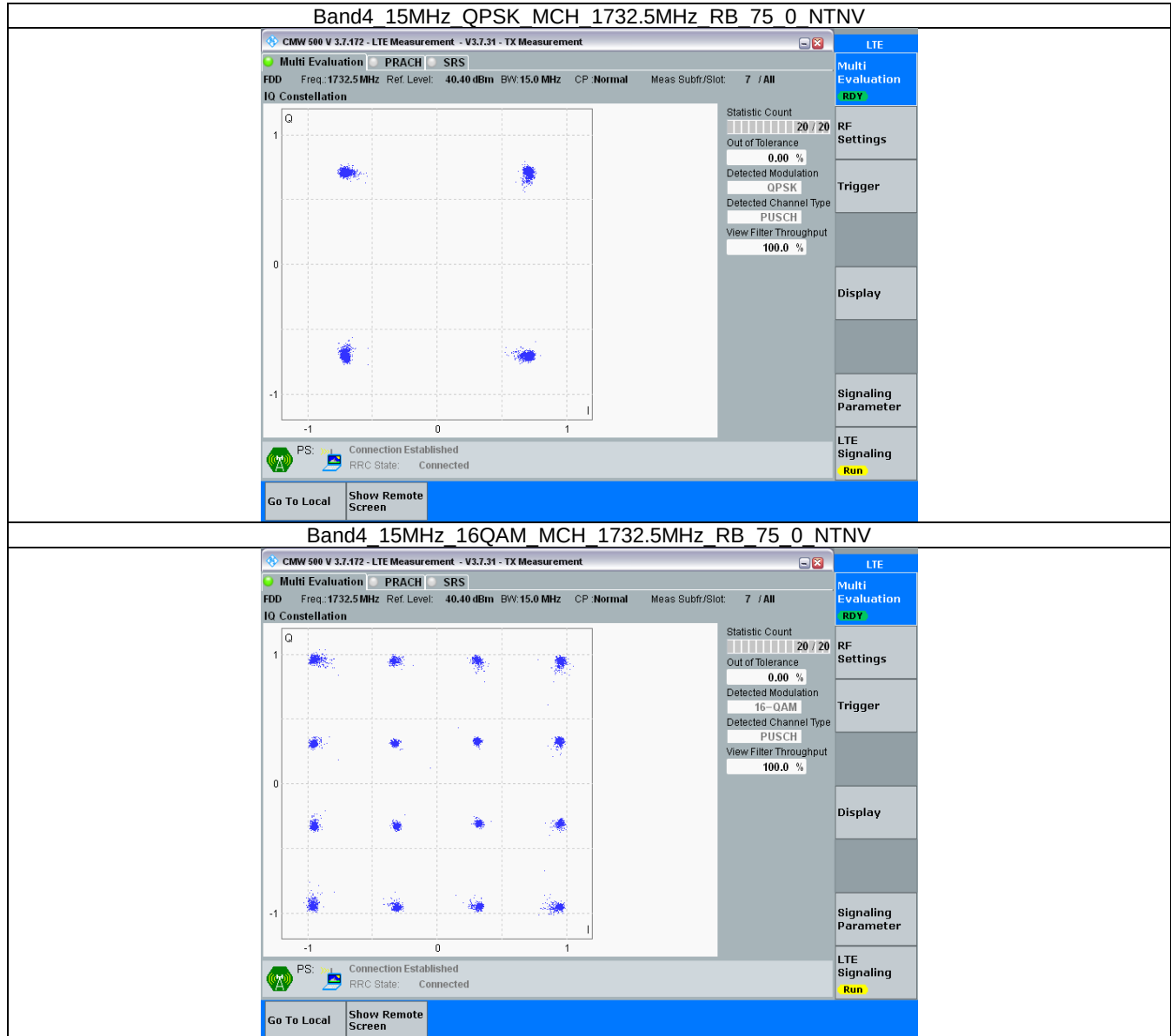
3.2.3 B4_5MHz



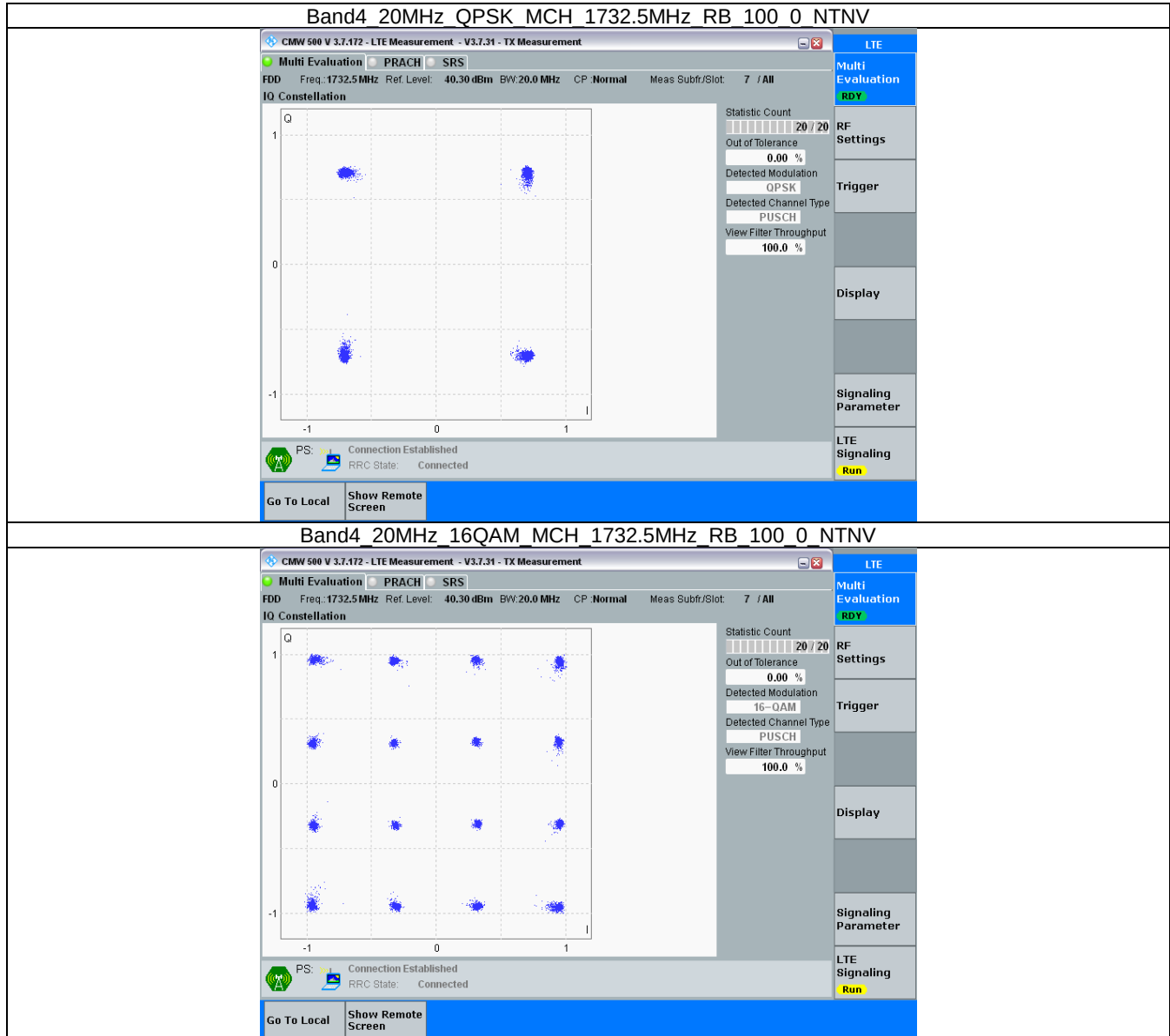
3.2.4 B4_10MHz



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	1.117	/	Pass
		1732.5	6	0	1.113	/	Pass
		1754.3	6	0	1.113	/	Pass
	16QAM	1710.7	6	0	1.109	/	Pass
		1732.5	6	0	1.106	/	Pass
		1754.3	6	0	1.115	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1732.5	15	0	2.732	/	Pass
		1753.5	15	0	2.740	/	Pass
	16QAM	1711.5	15	0	2.721	/	Pass
		1732.5	15	0	2.734	/	Pass
		1753.5	15	0	2.725	/	Pass
5	QPSK	1712.5	25	0	4.533	/	Pass
		1732.5	25	0	4.544	/	Pass
		1752.5	25	0	4.554	/	Pass
	16QAM	1712.5	25	0	4.556	/	Pass
		1732.5	25	0	4.552	/	Pass
		1752.5	25	0	4.538	/	Pass
10	QPSK	1715	50	0	9.065	/	Pass
		1732.5	50	0	9.090	/	Pass
		1750	50	0	9.074	/	Pass
	16QAM	1715	50	0	9.026	/	Pass
		1732.5	50	0	9.081	/	Pass
		1750	50	0	9.071	/	Pass
15	QPSK	1717.5	75	0	13.620	/	Pass
		1732.5	75	0	13.637	/	Pass
		1747.5	75	0	13.644	/	Pass
	16QAM	1717.5	75	0	13.578	/	Pass
		1732.5	75	0	13.633	/	Pass
		1747.5	75	0	13.627	/	Pass
20	QPSK	1720	100	0	18.127	/	Pass
		1732.5	100	0	18.191	/	Pass
		1745	100	0	18.227	/	Pass
	16QAM	1720	100	0	18.053	/	Pass
		1732.5	100	0	18.187	/	Pass
		1745	100	0	18.187	/	Pass

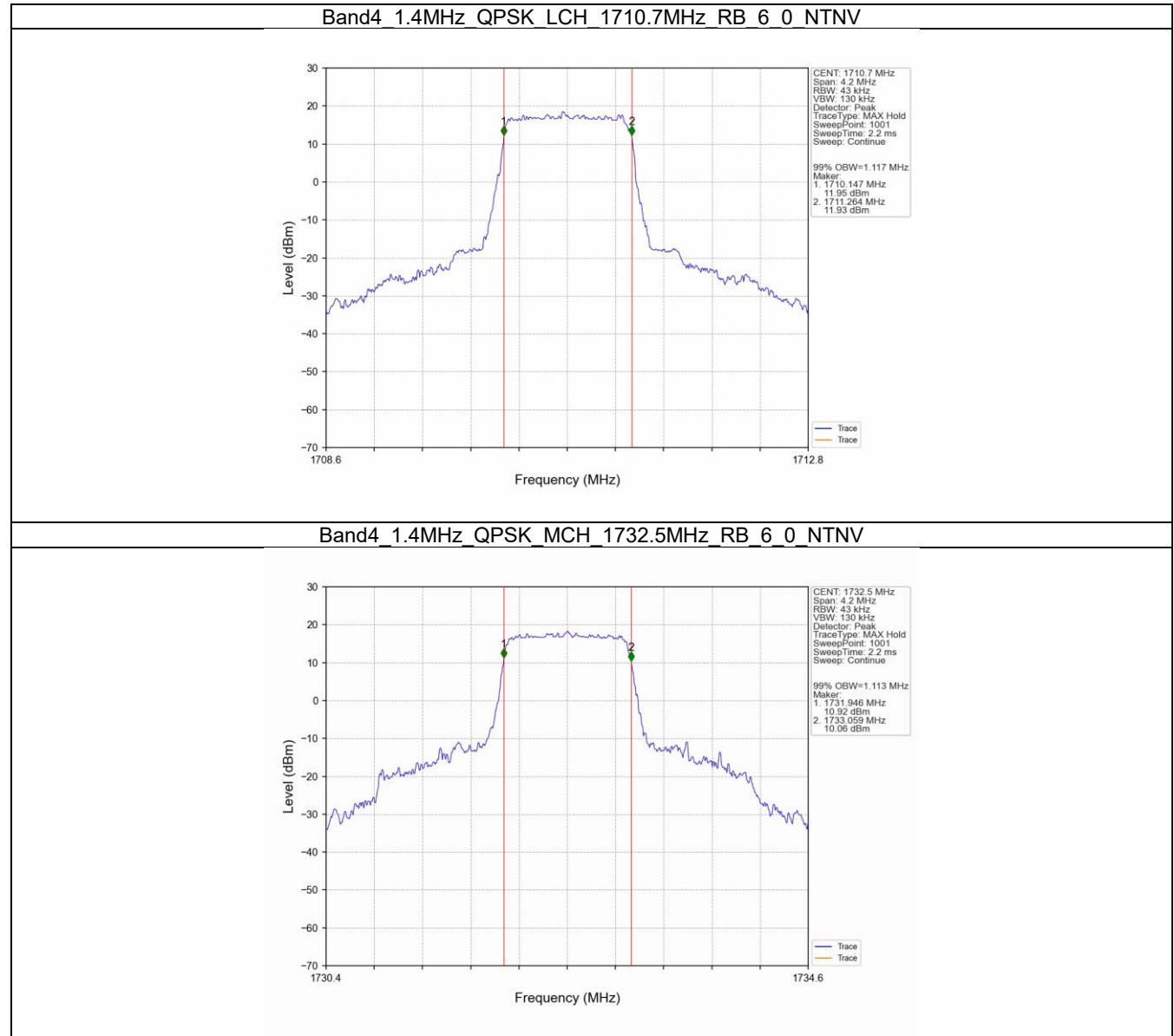
4.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.307	/	Pass
		1732.5	6	0	1.330	/	Pass
		1754.3	6	0	1.350	/	Pass

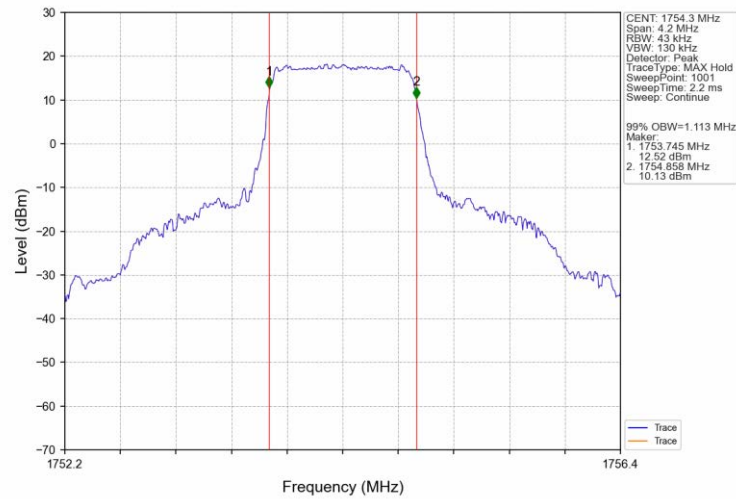
	16QAM	1710.7	6	0	1.319	/	Pass
		1732.5	6	0	1.309	/	Pass
		1754.3	6	0	1.326	/	Pass
3	QPSK	1711.5	15	0	2.996	/	Pass
		1732.5	15	0	3.005	/	Pass
		1753.5	15	0	3.026	/	Pass
	16QAM	1711.5	15	0	2.976	/	Pass
		1732.5	15	0	3.008	/	Pass
		1753.5	15	0	2.992	/	Pass
5	QPSK	1712.5	25	0	5.027	/	Pass
		1732.5	25	0	5.031	/	Pass
		1752.5	25	0	5.043	/	Pass
	16QAM	1712.5	25	0	5.027	/	Pass
		1732.5	25	0	5.039	/	Pass
		1752.5	25	0	5.049	/	Pass
10	QPSK	1715	50	0	9.926	/	Pass
		1732.5	50	0	9.991	/	Pass
		1750	50	0	10.373	/	Pass
	16QAM	1715	50	0	9.905	/	Pass
		1732.5	50	0	9.910	/	Pass
		1750	50	0	9.884	/	Pass
15	QPSK	1717.5	75	0	14.831	/	Pass
		1732.5	75	0	14.992	/	Pass
		1747.5	75	0	16.555	/	Pass
	16QAM	1717.5	75	0	14.844	/	Pass
		1732.5	75	0	14.978	/	Pass
		1747.5	75	0	15.895	/	Pass
20	QPSK	1720	100	0	19.619	/	Pass
		1732.5	100	0	19.918	/	Pass
		1745	100	0	21.591	/	Pass
	16QAM	1720	100	0	19.732	/	Pass
		1732.5	100	0	19.761	/	Pass
		1745	100	0	22.114	/	Pass

4.2 Test Graph

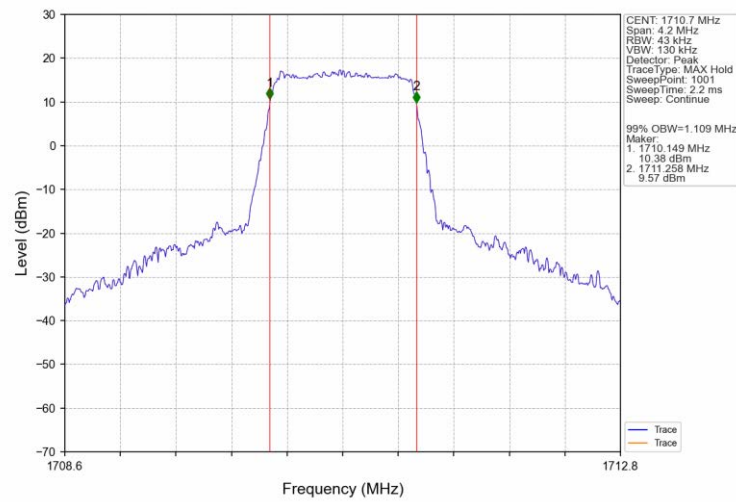
4.2.1 Band4_OBW



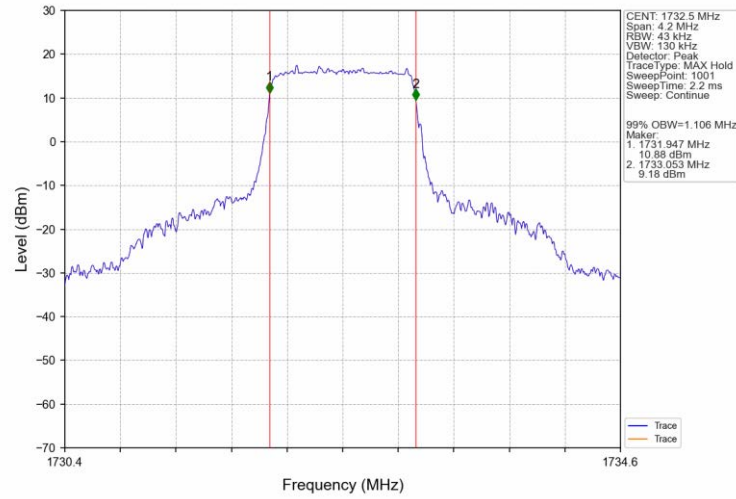
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



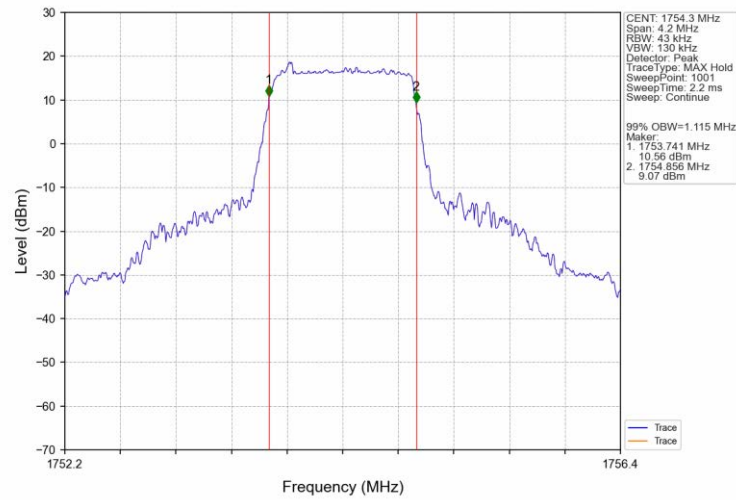
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



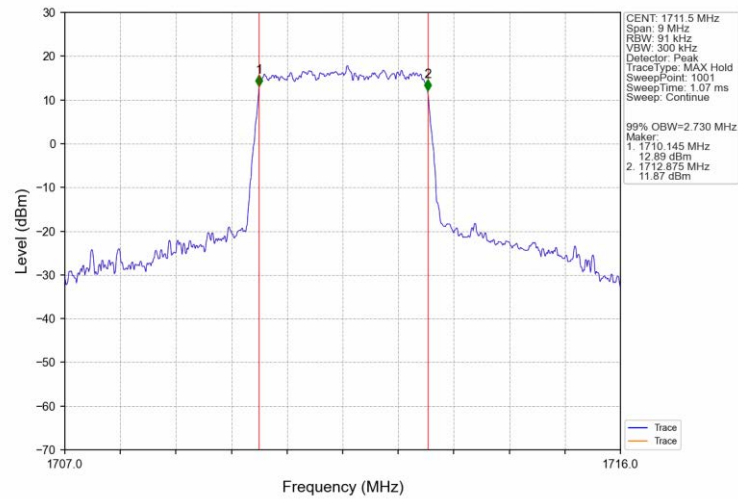
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



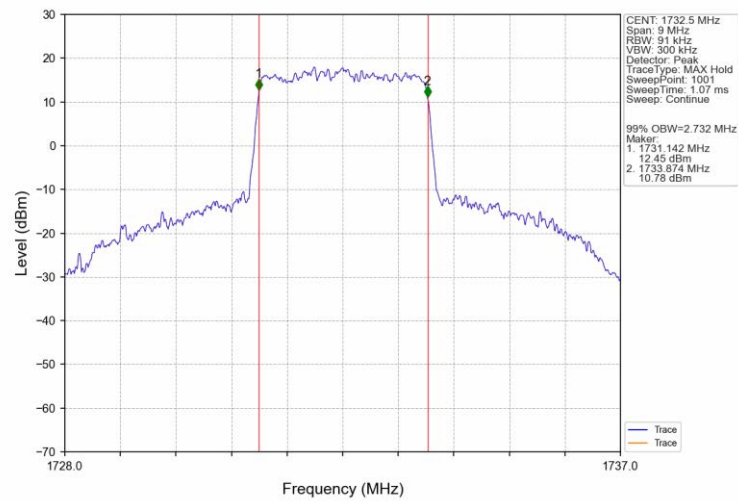
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



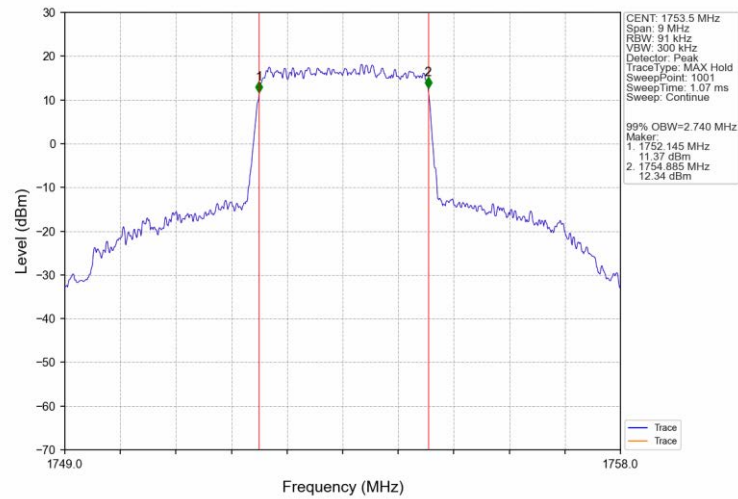
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



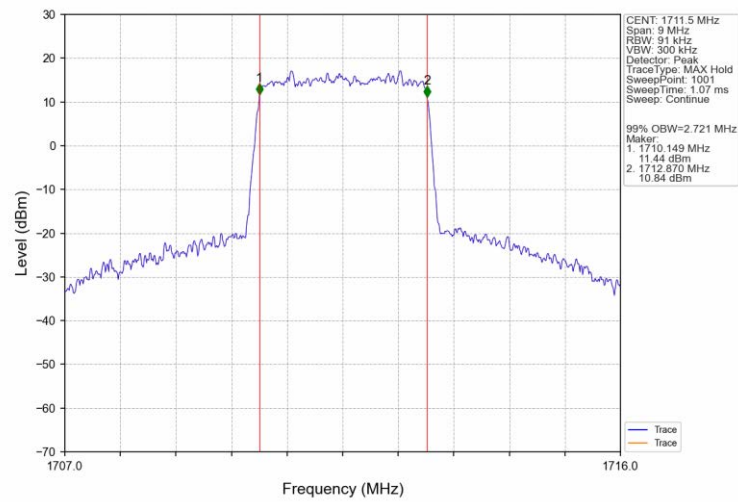
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



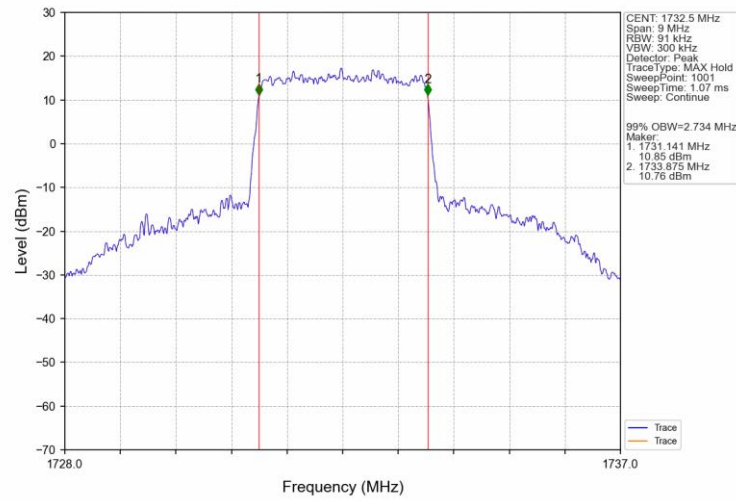
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



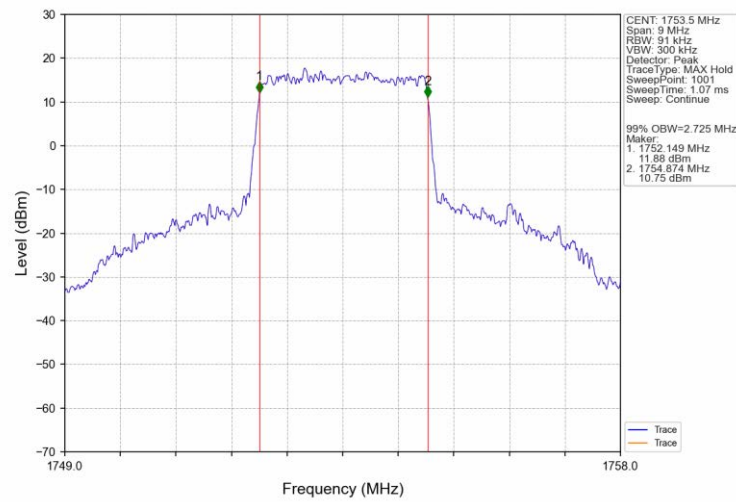
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



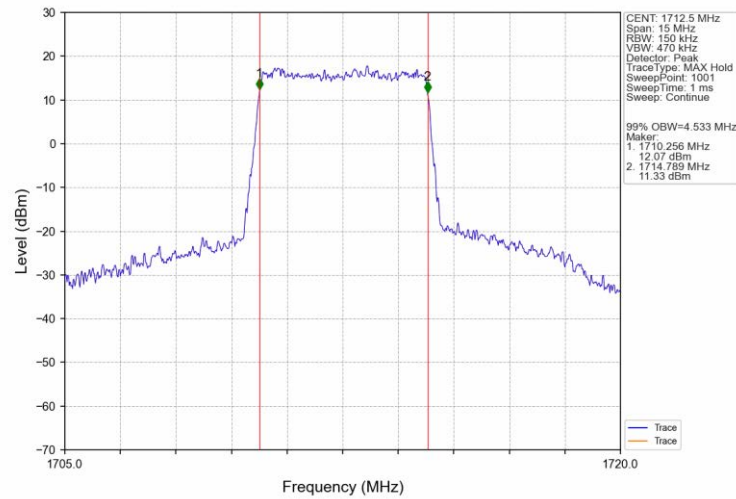
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



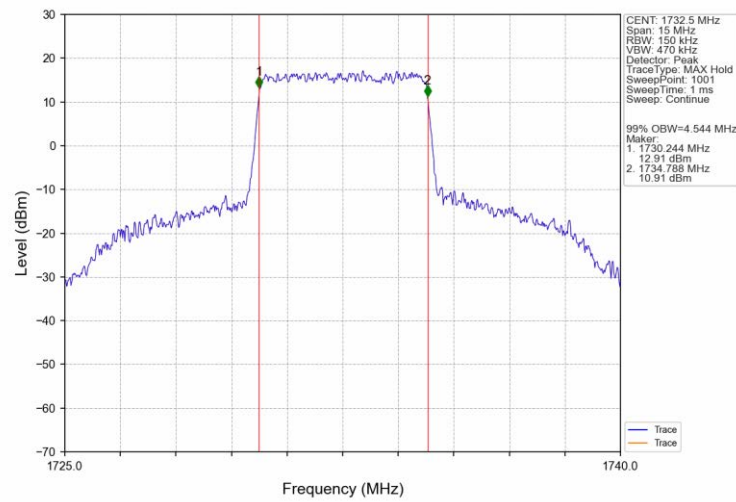
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



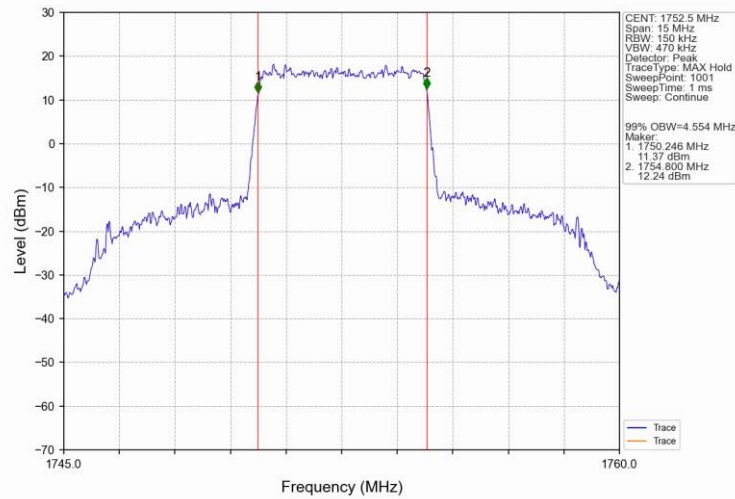
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



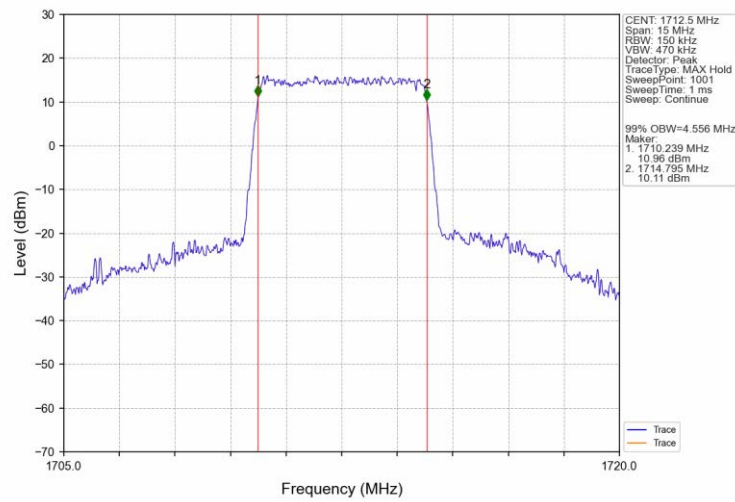
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



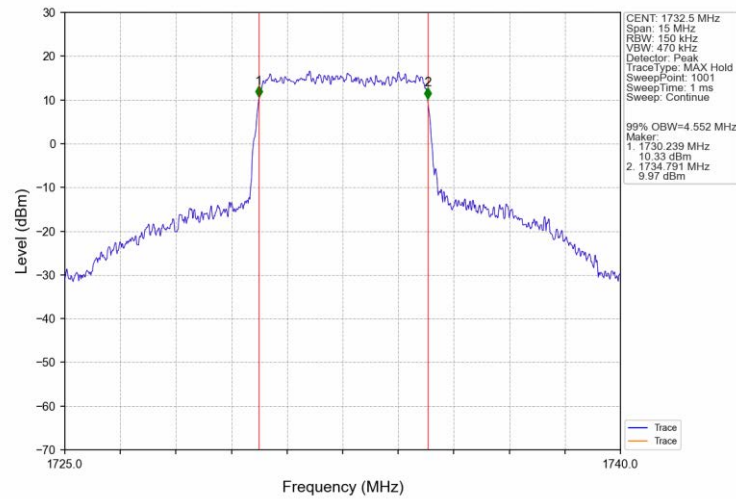
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



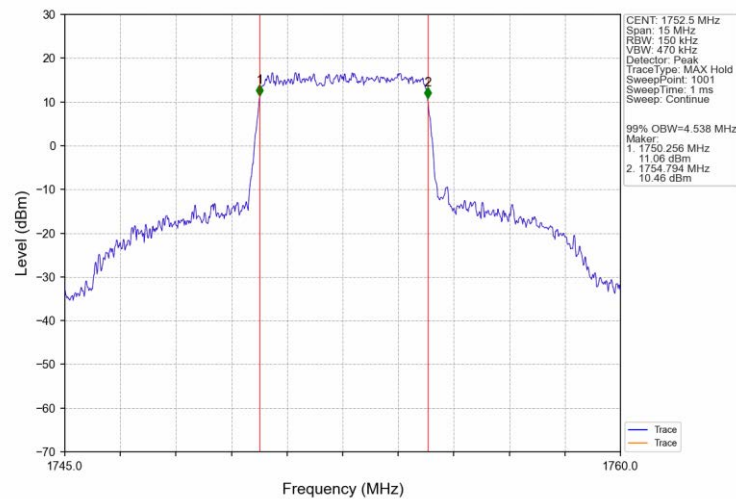
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



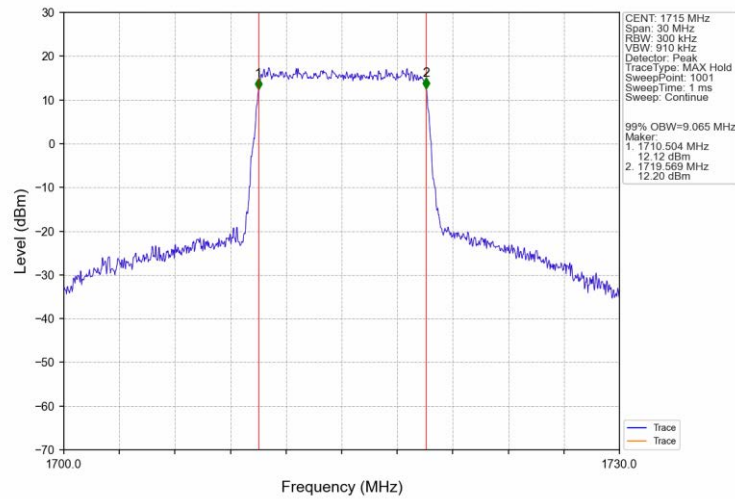
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



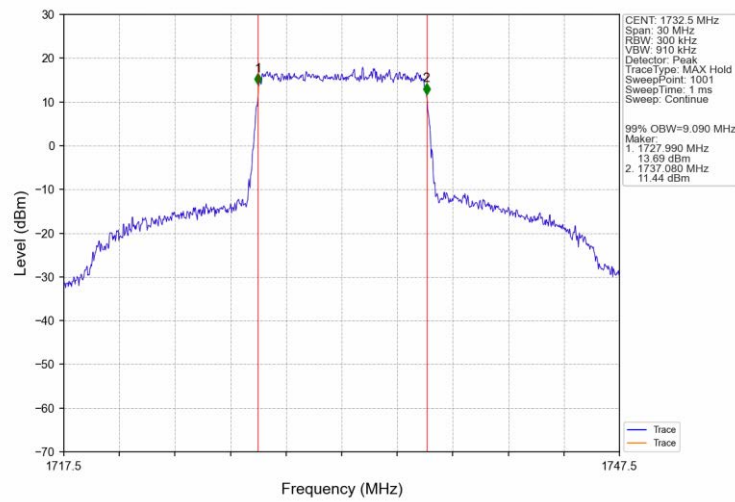
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV



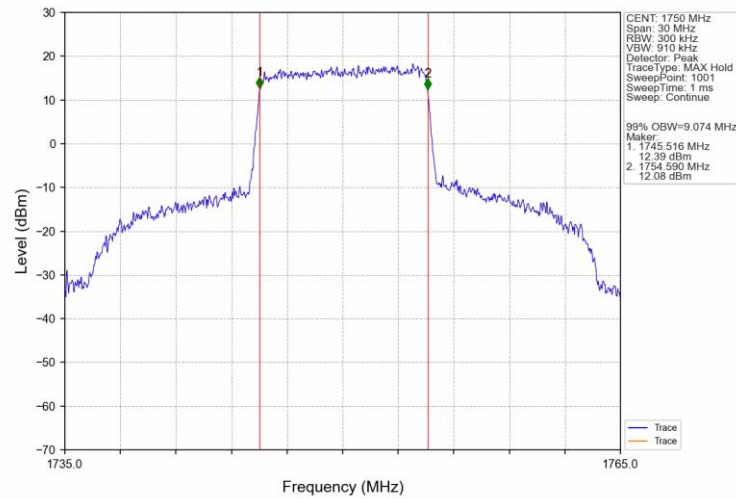
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



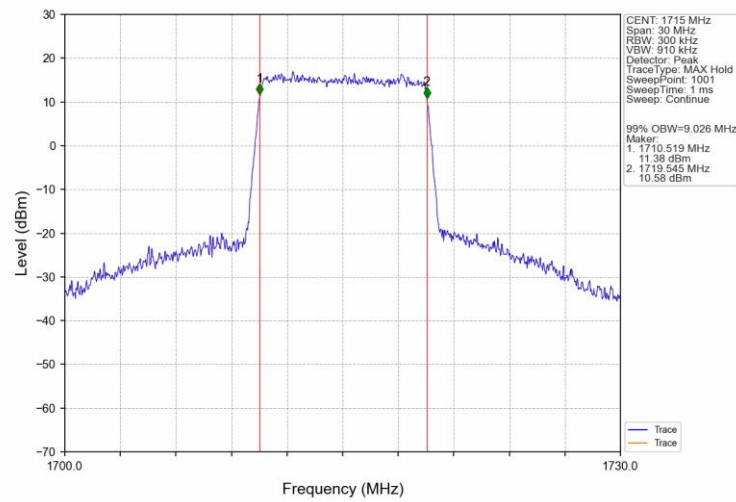
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



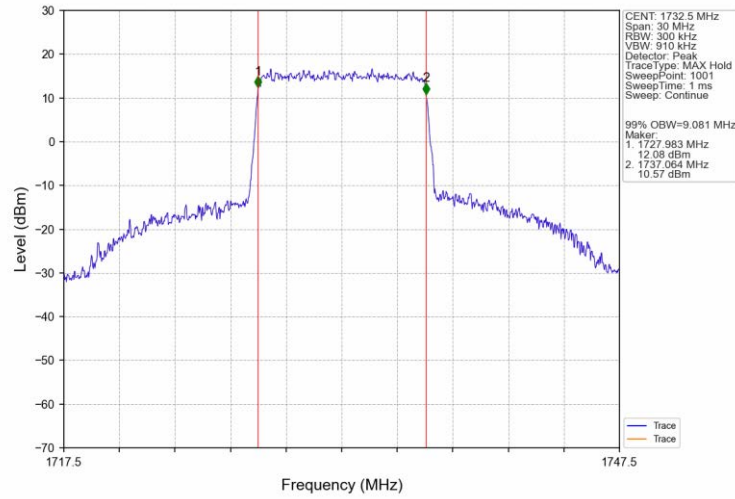
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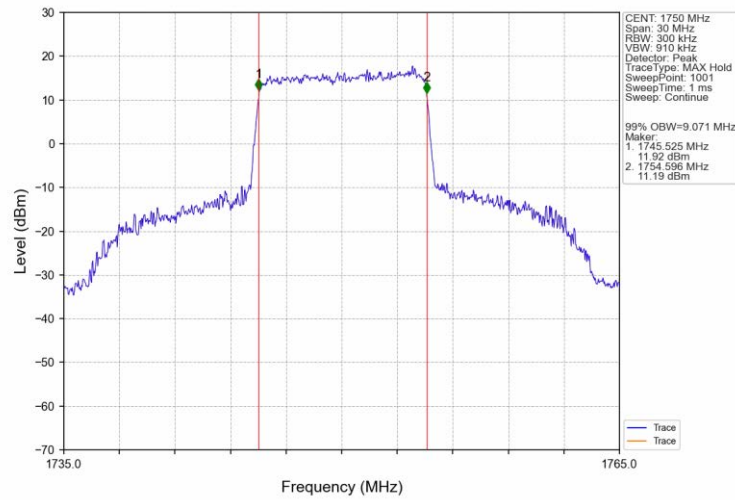
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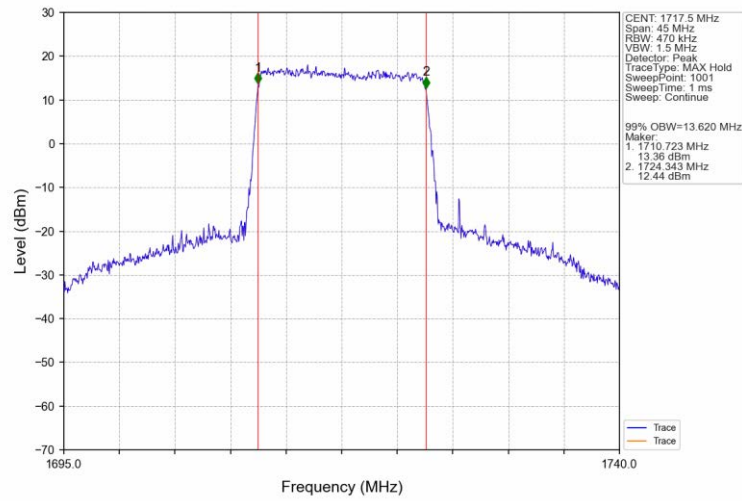
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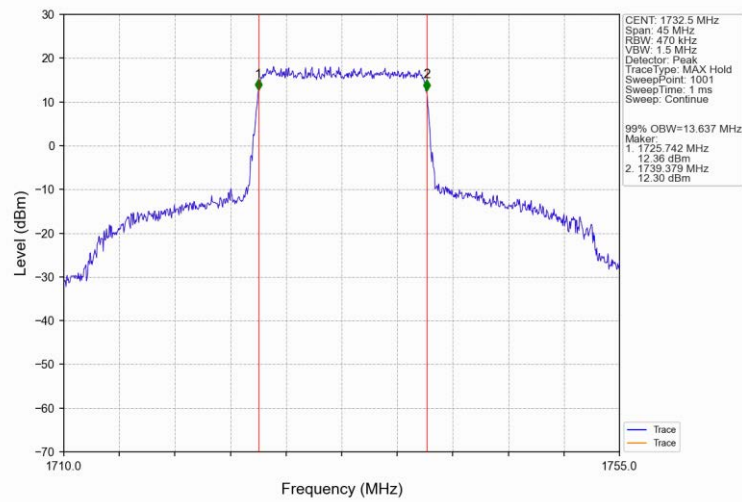
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



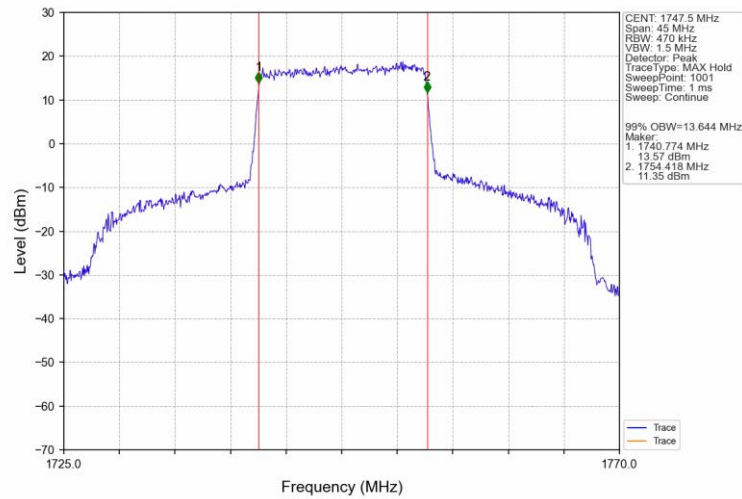
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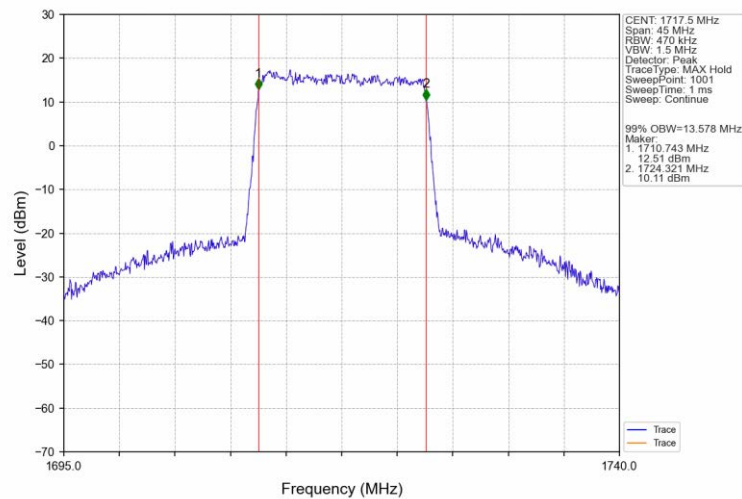
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



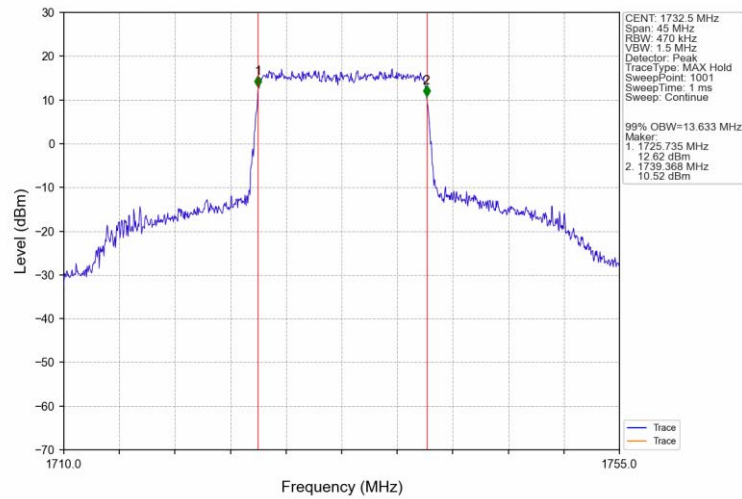
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



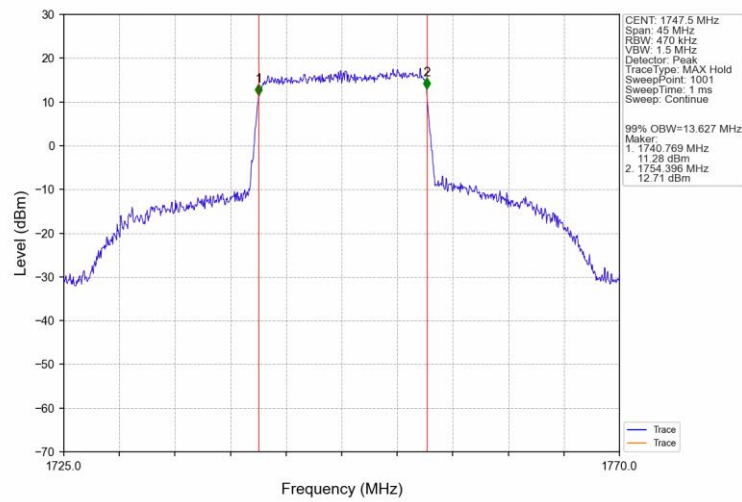
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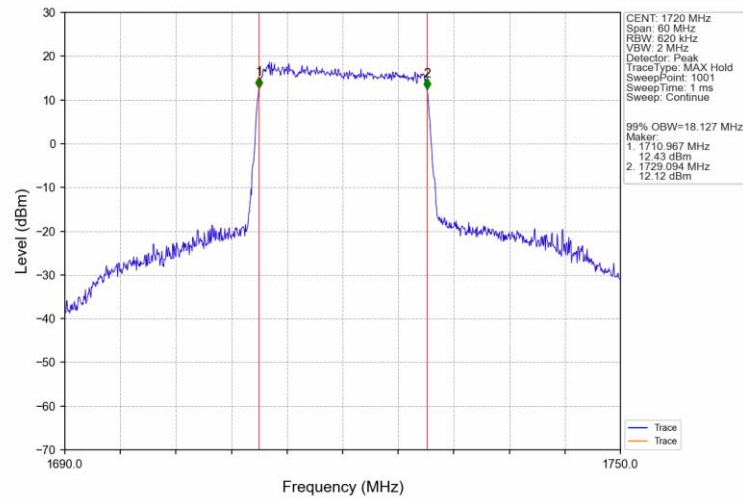
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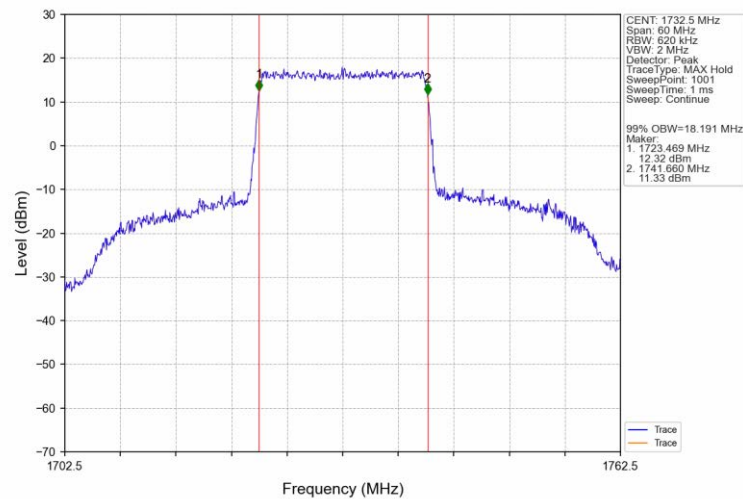
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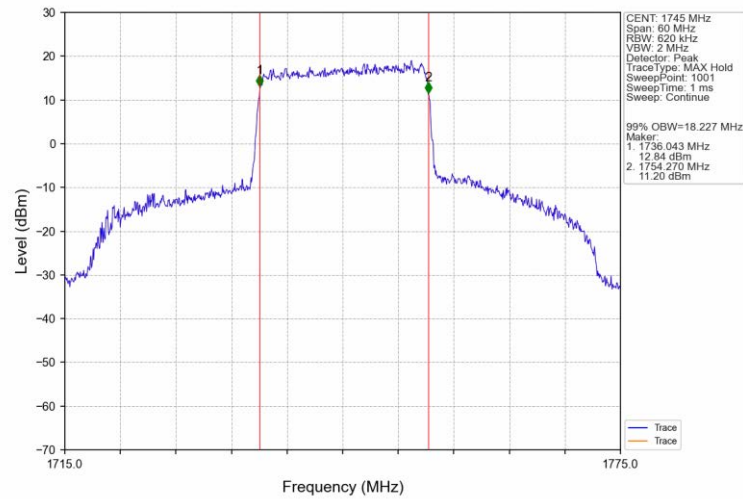
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



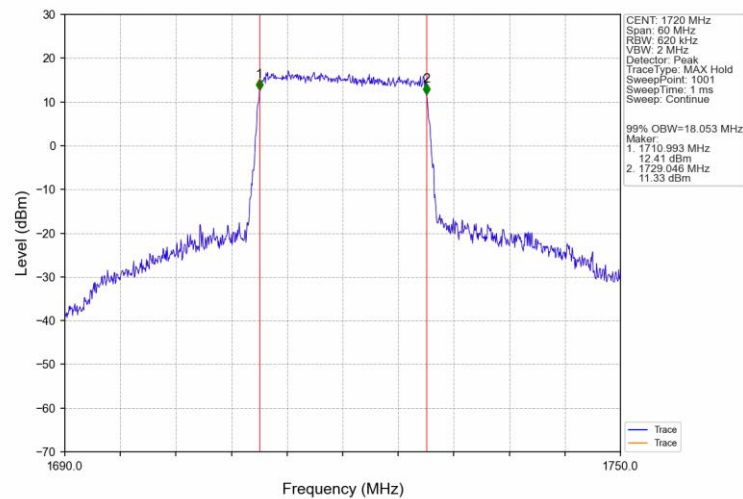
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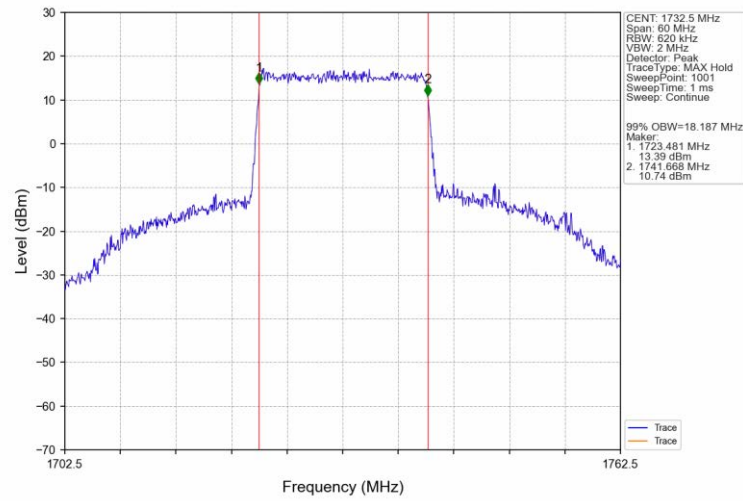
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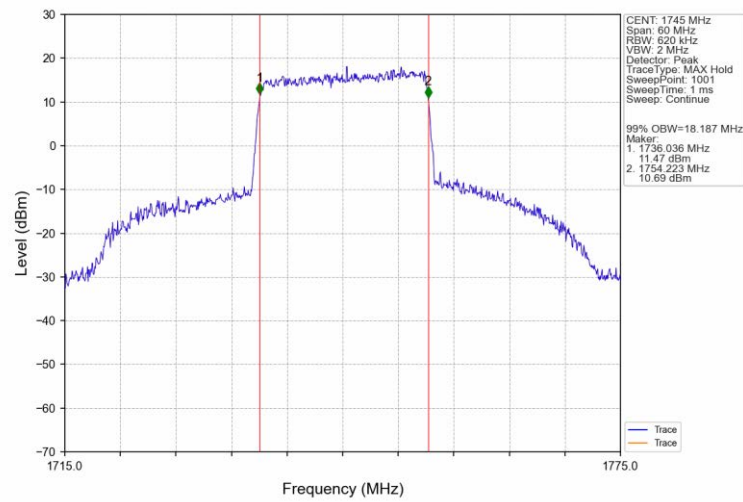
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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

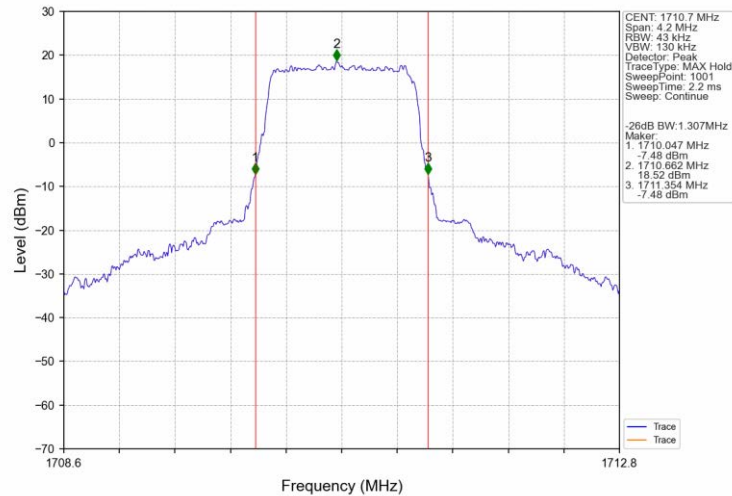


Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTN

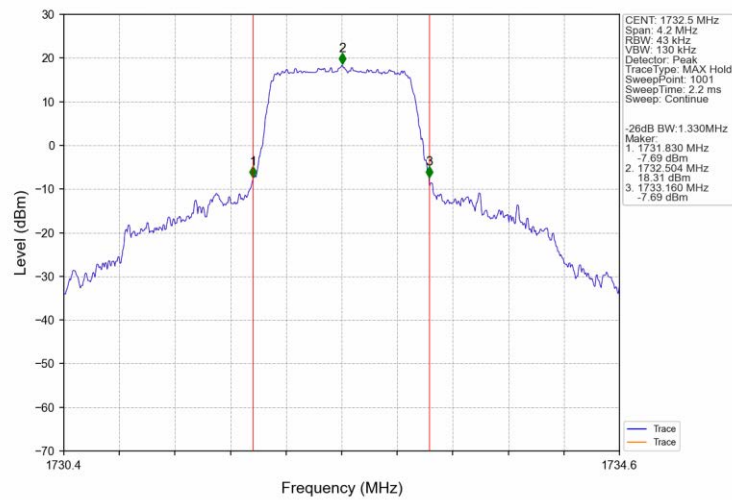


4.2.2 Band4_XDB

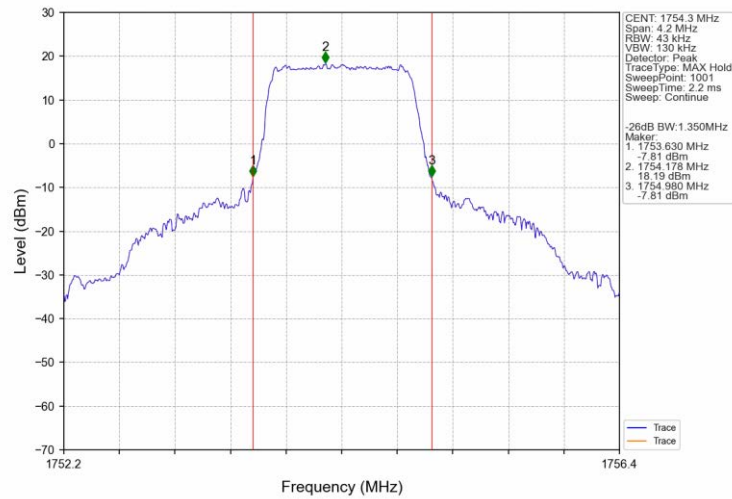
Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV



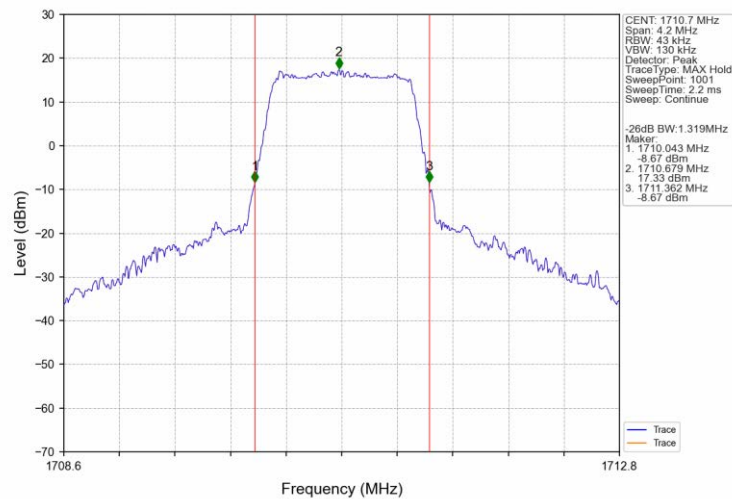
Band4 1.4MHz QPSK MCH 1732.5MHz RB 6 0 NTV



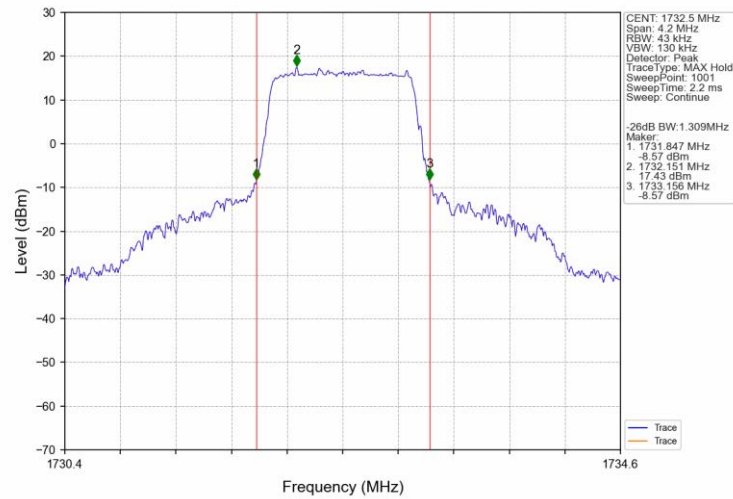
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



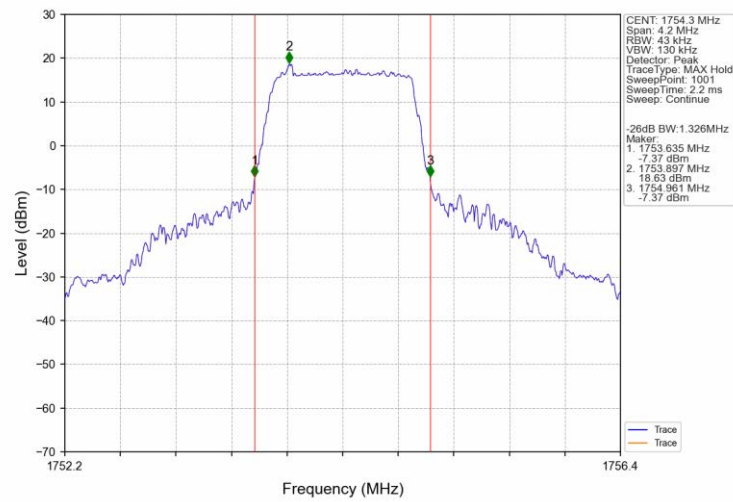
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



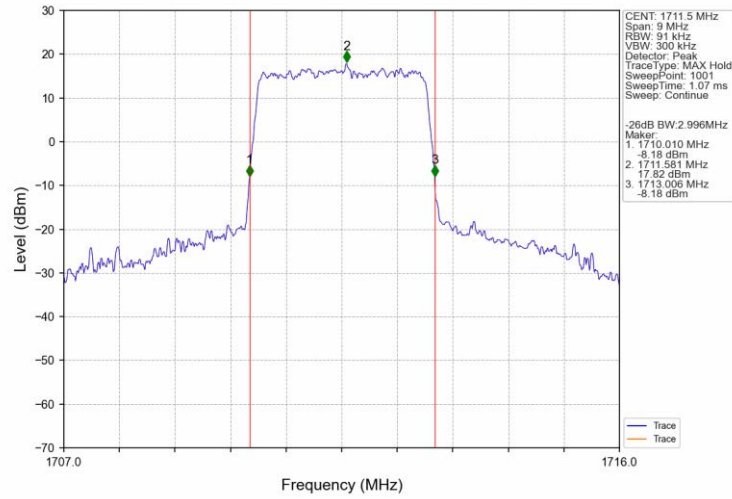
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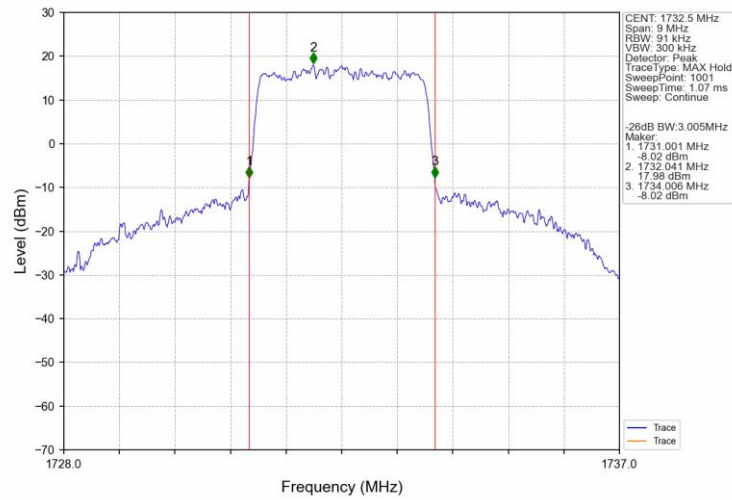
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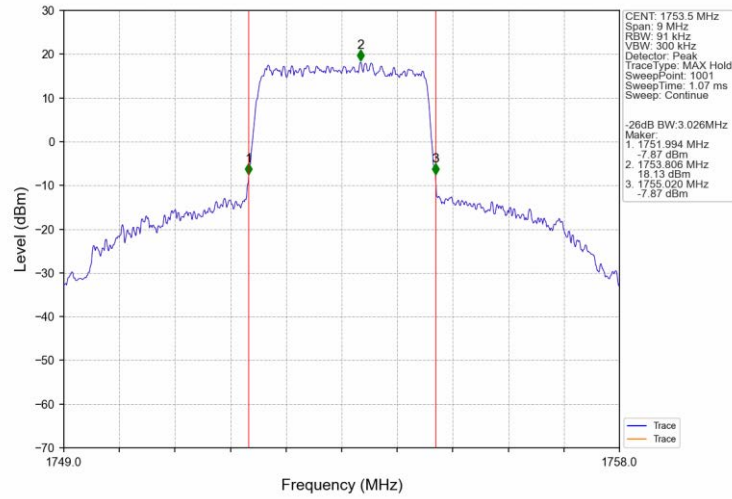
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



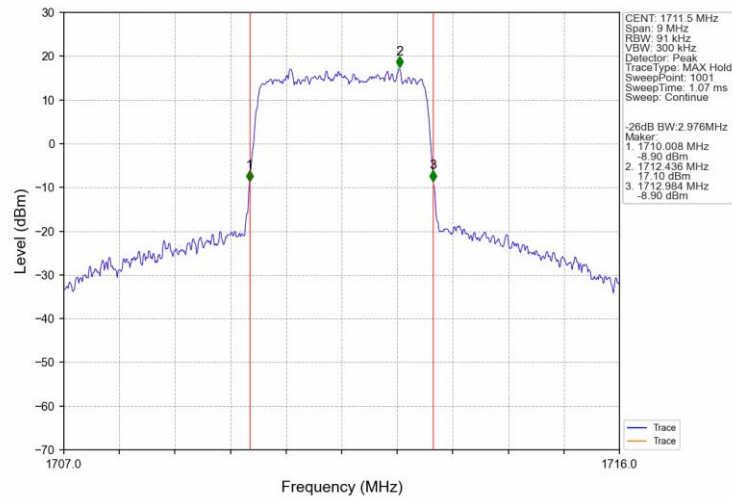
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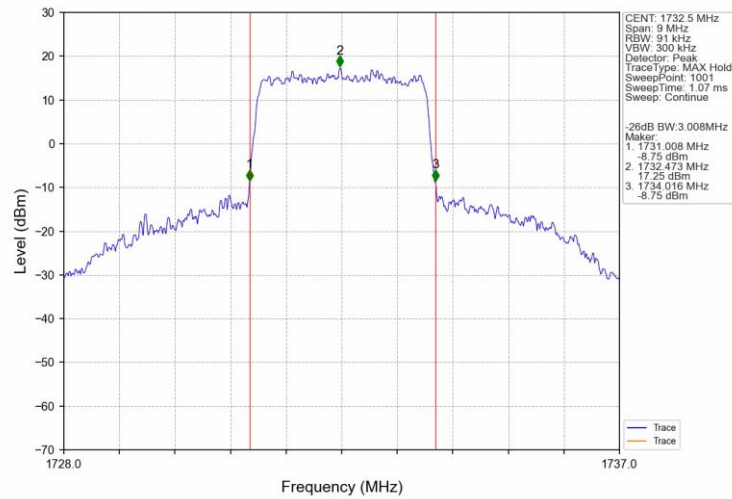
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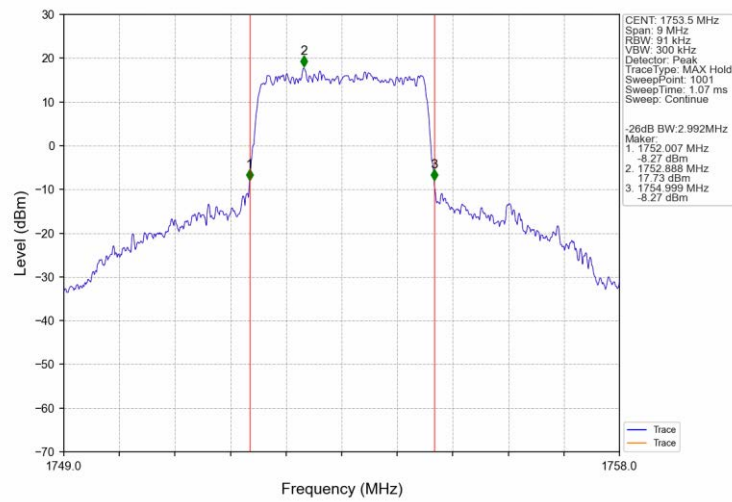
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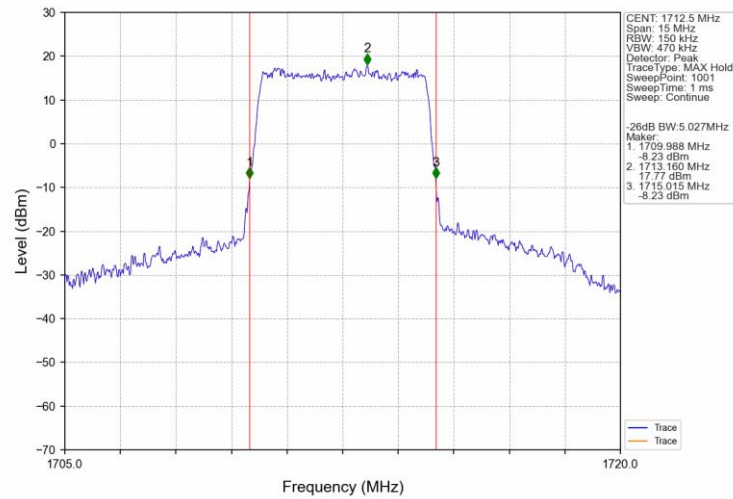
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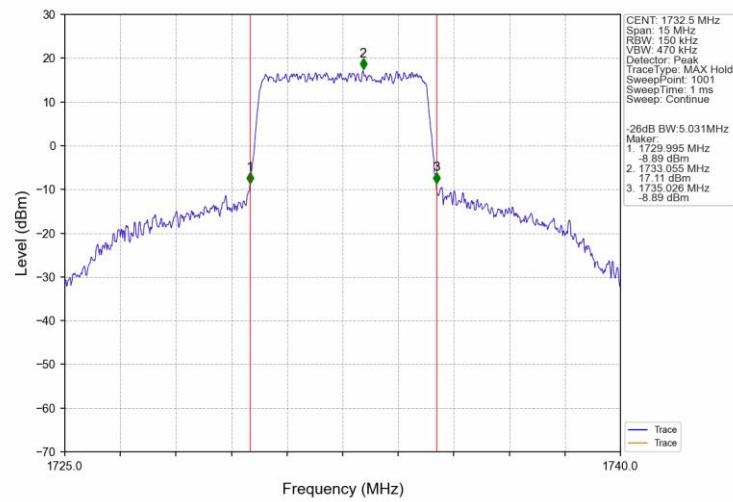
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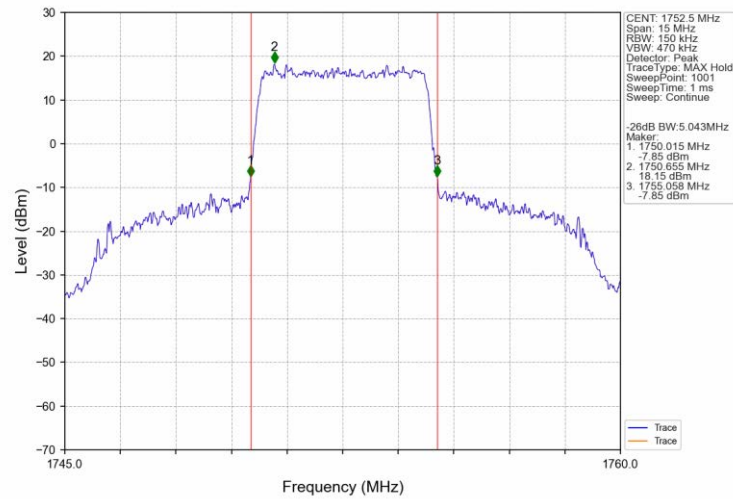
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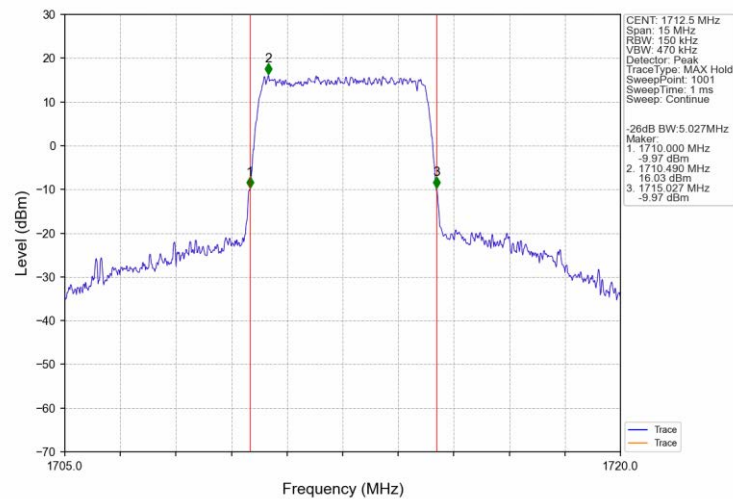
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



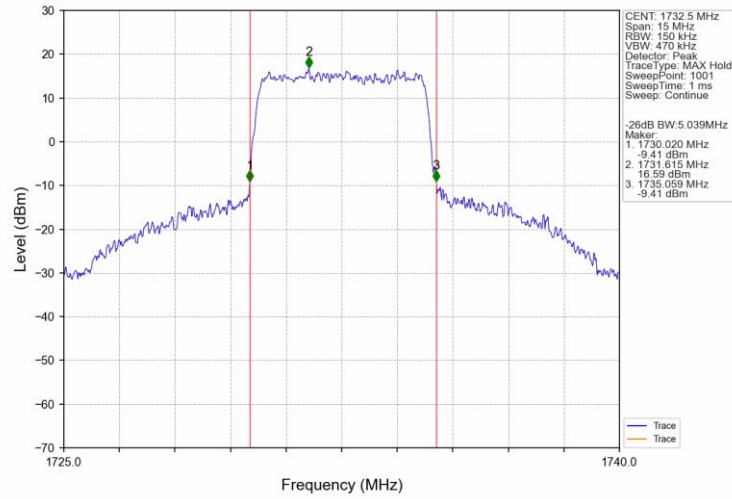
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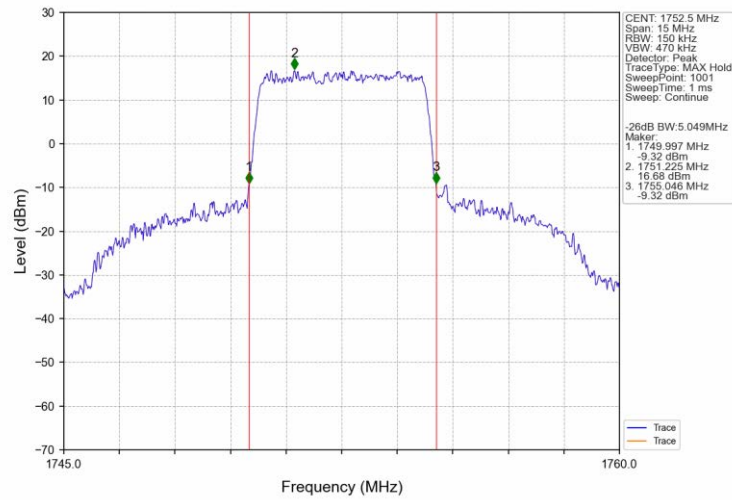
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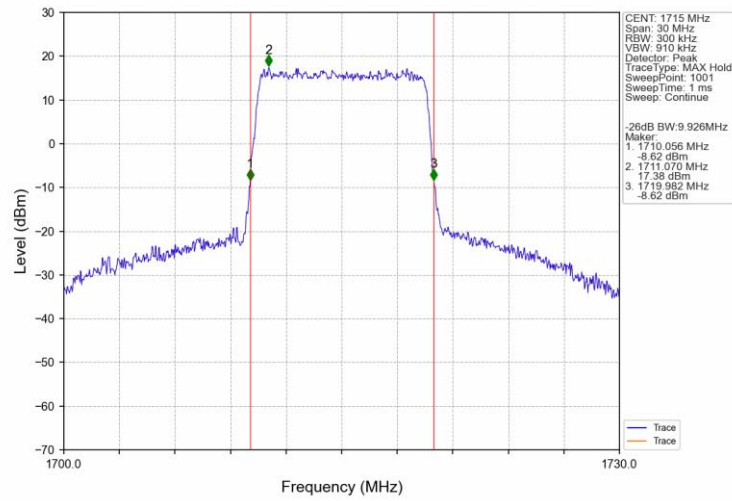
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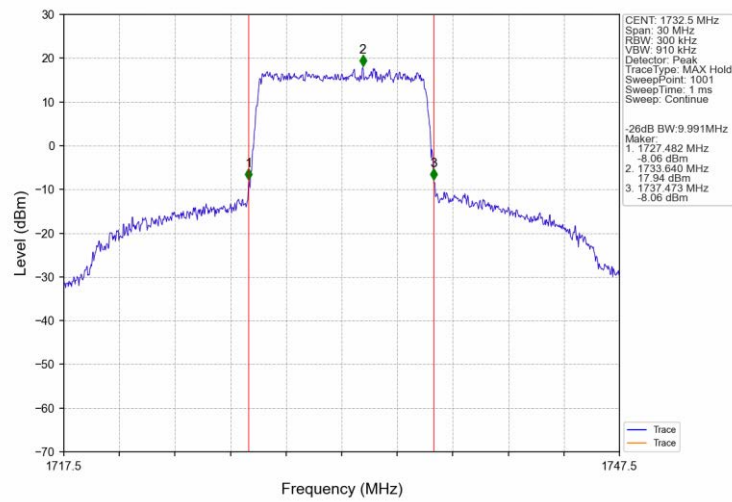
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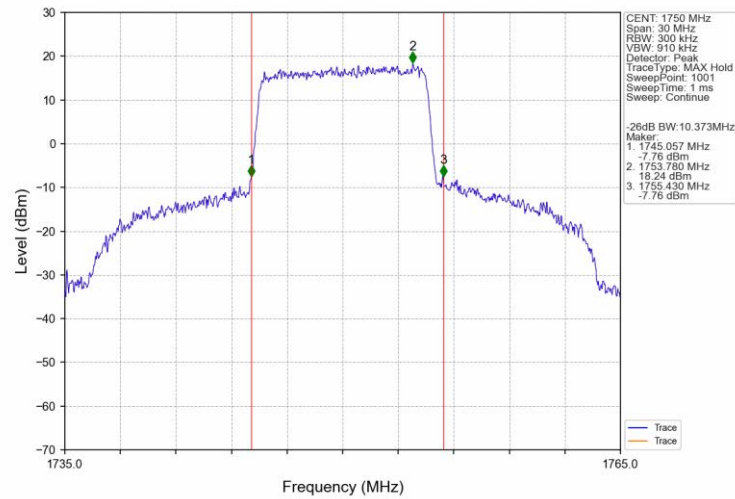
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



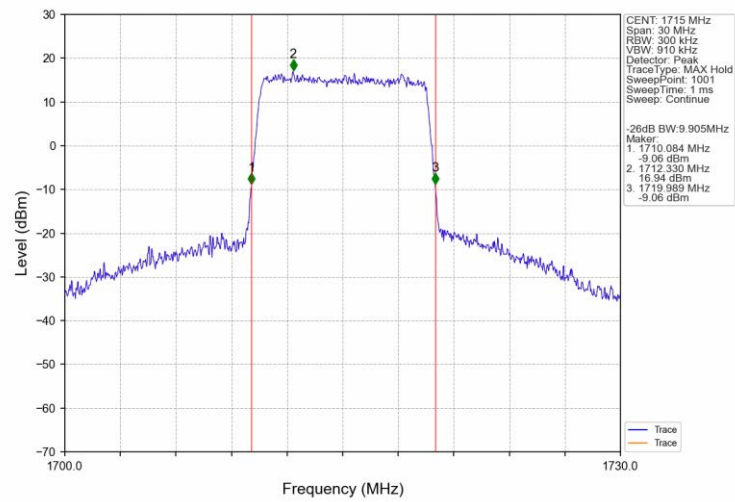
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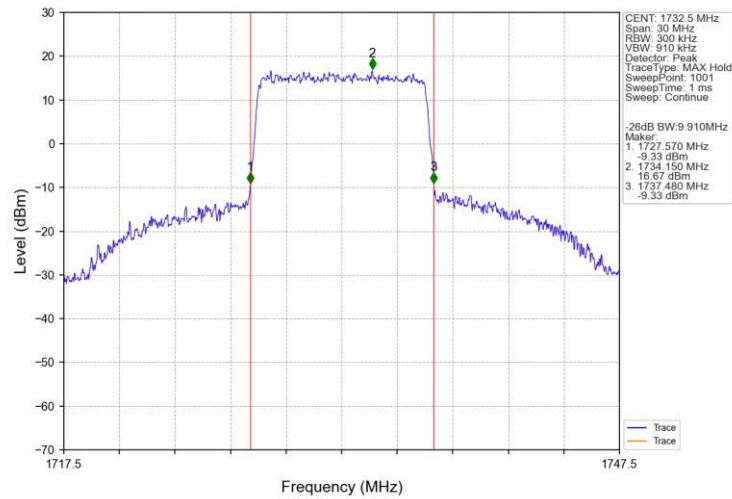
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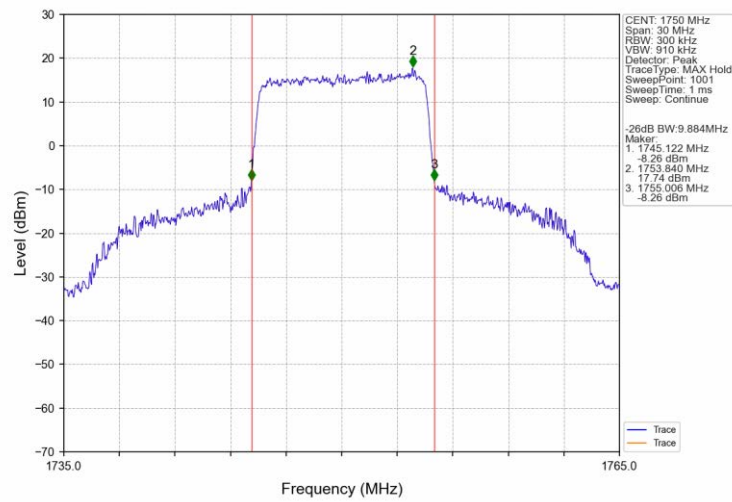
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



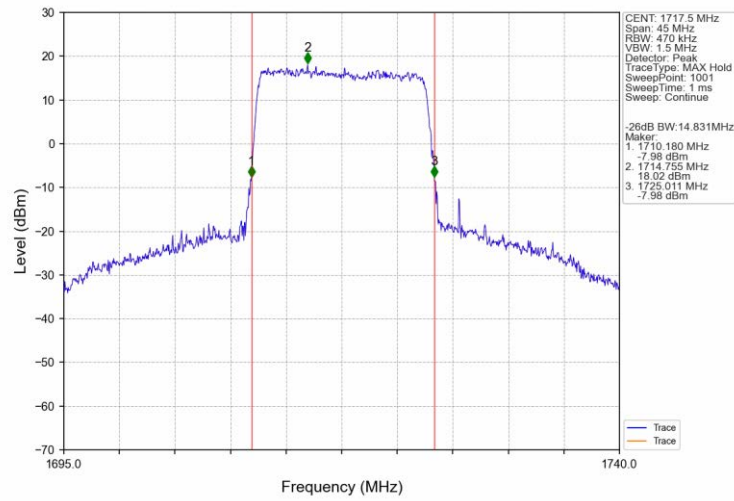
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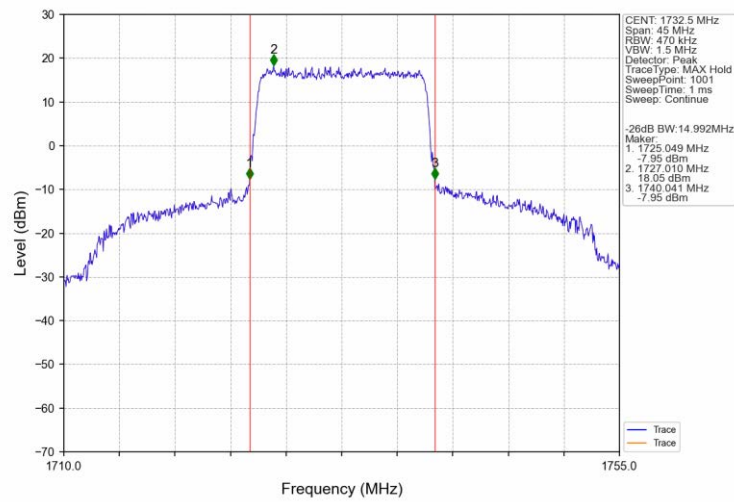
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



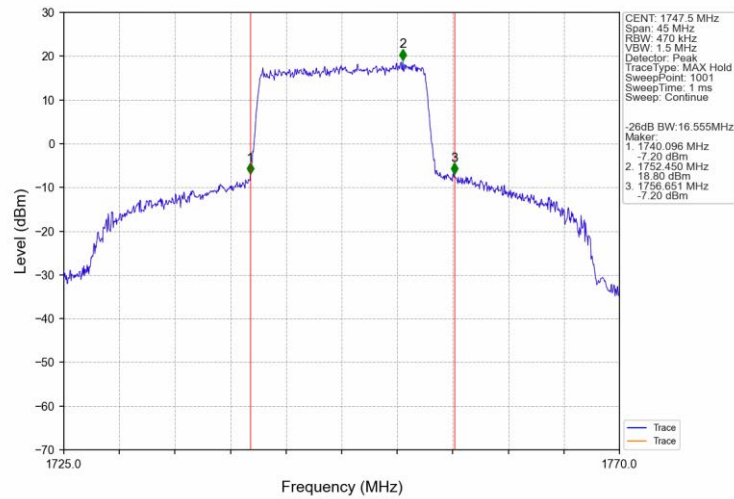
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



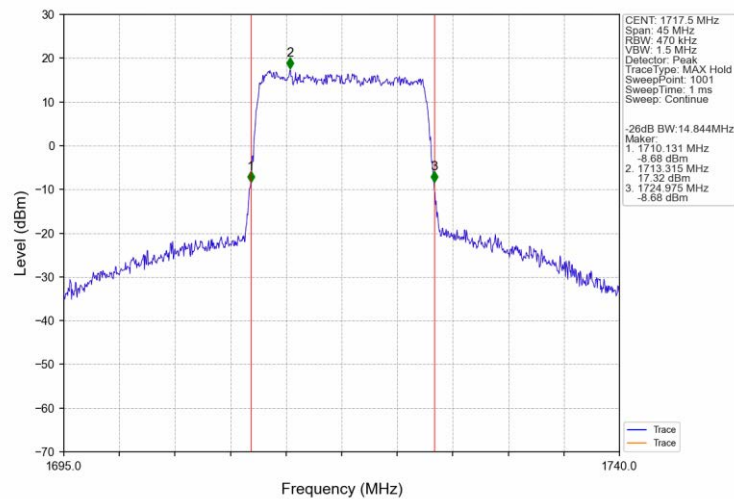
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



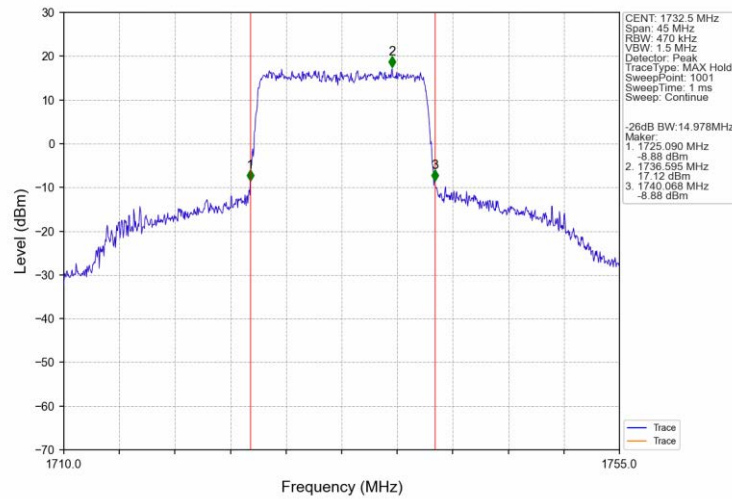
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



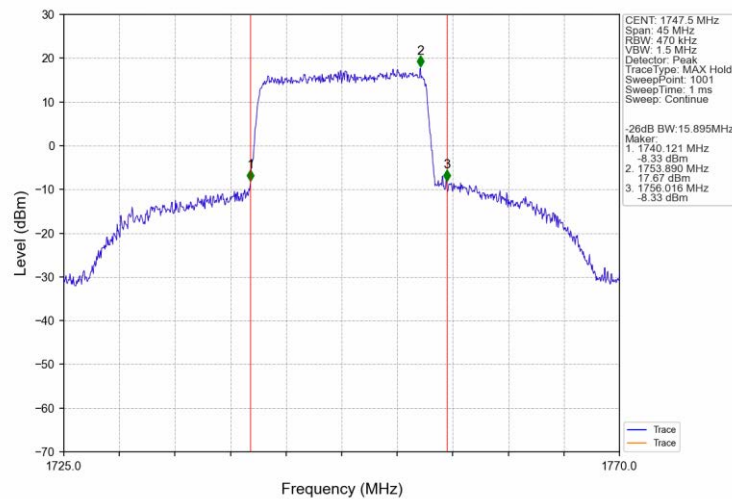
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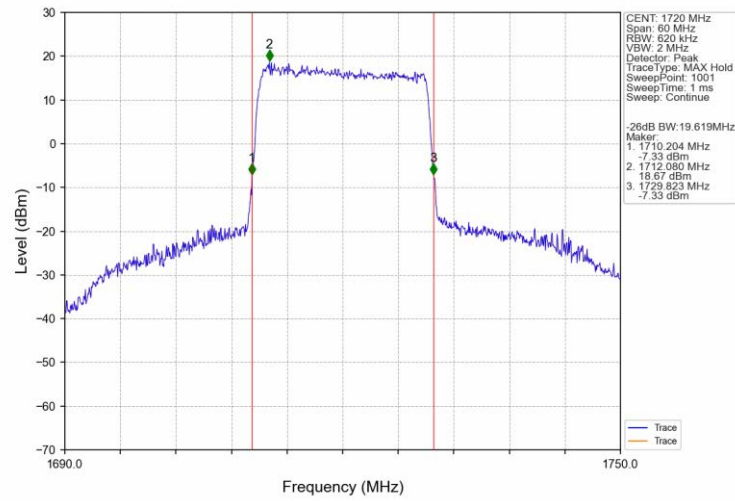
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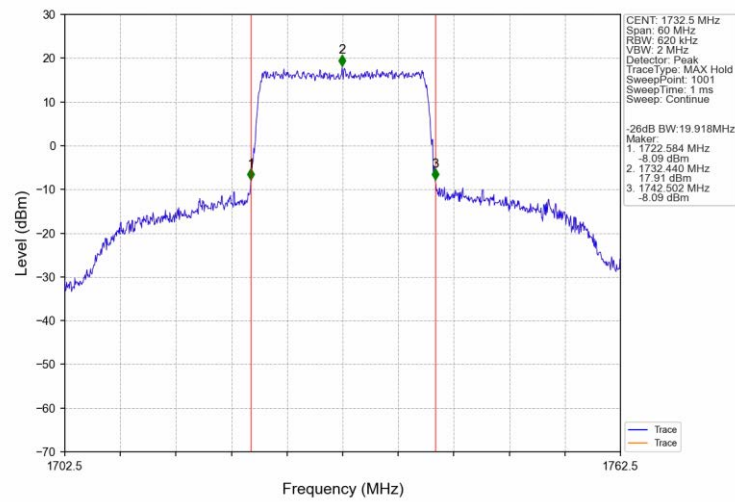
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



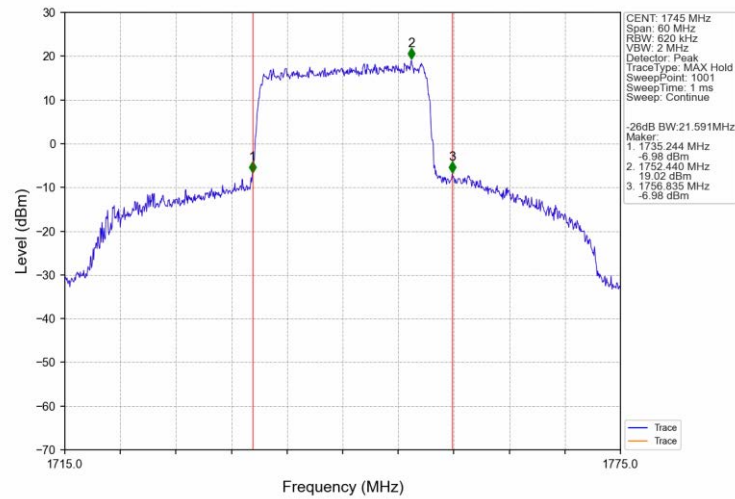
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



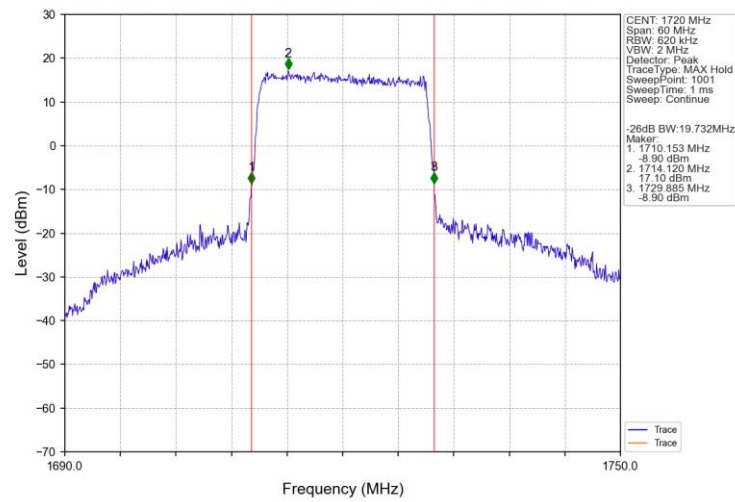
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



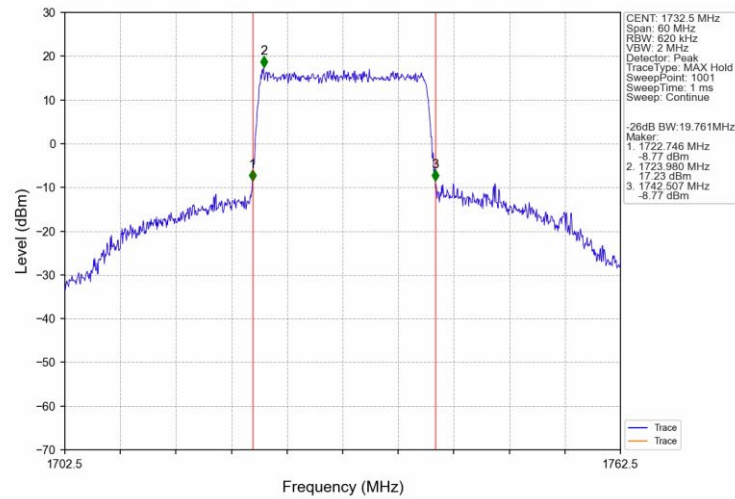
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



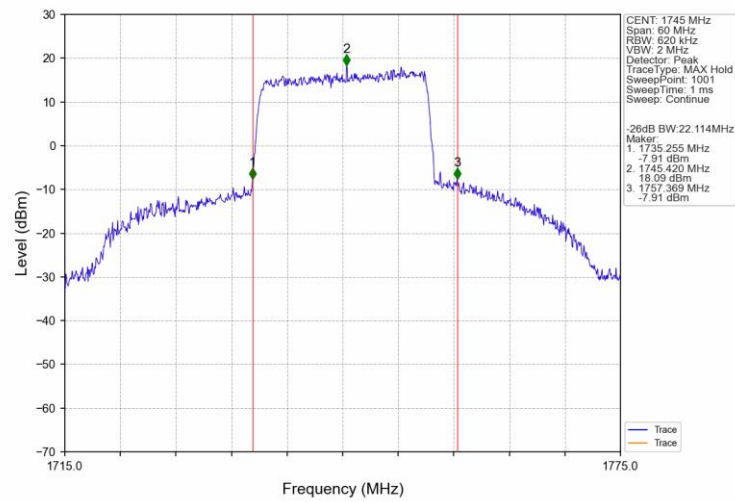
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.16	<=13	Pass
	1732.5	6	0	4.17	<=13	Pass
	1754.3	6	0	4.12	<=13	Pass
16QAM	1710.7	6	0	5.93	<=13	Pass
	1732.5	6	0	5.11	<=13	Pass
	1754.3	6	0	4.95	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.38	<=13	Pass
	1732.5	15	0	4.46	<=13	Pass
	1753.5	15	0	4.19	<=13	Pass
16QAM	1711.5	15	0	6.15	<=13	Pass
	1732.5	15	0	5.32	<=13	Pass
	1753.5	15	0	5.05	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.59	<=13	Pass
	1732.5	25	0	4.87	<=13	Pass
	1752.5	25	0	4.67	<=13	Pass
16QAM	1712.5	25	0	6.26	<=13	Pass
	1732.5	25	0	5.64	<=13	Pass
	1752.5	25	0	5.36	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.61	<=13	Pass
	1732.5	50	0	4.88	<=13	Pass
	1750	50	0	4.51	<=13	Pass
16QAM	1715	50	0	6.32	<=13	Pass
	1732.5	50	0	5.68	<=13	Pass
	1750	50	0	5.25	<=13	Pass

5.1.5 B4_15MHz

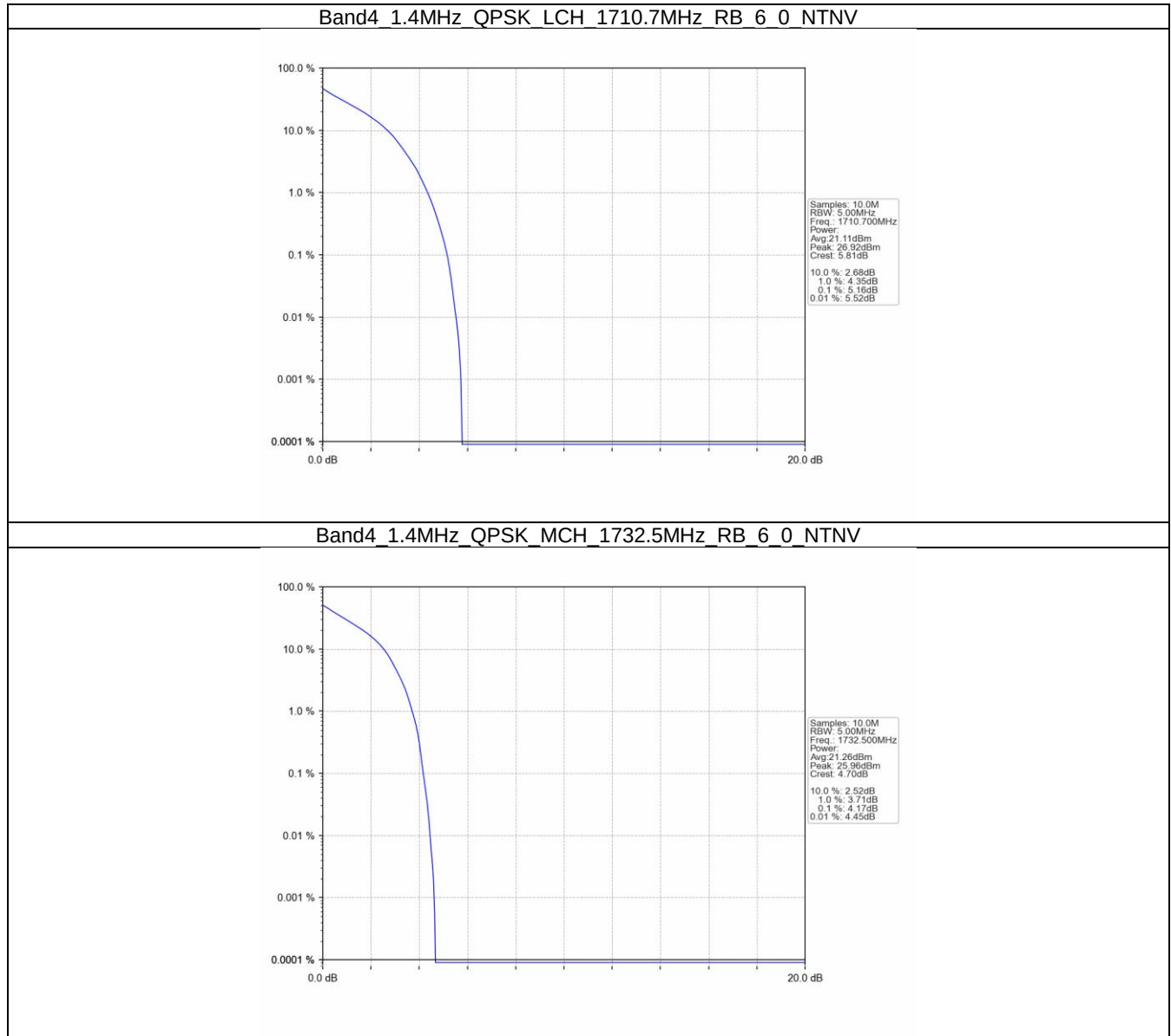
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.19	<=13	Pass
	1732.5	75	0	4.96	<=13	Pass
	1747.5	75	0	4.80	<=13	Pass
16QAM	1717.5	75	0	6.21	<=13	Pass
	1732.5	75	0	5.93	<=13	Pass
	1747.5	75	0	5.63	<=13	Pass

5.1.6 B4_20MHz

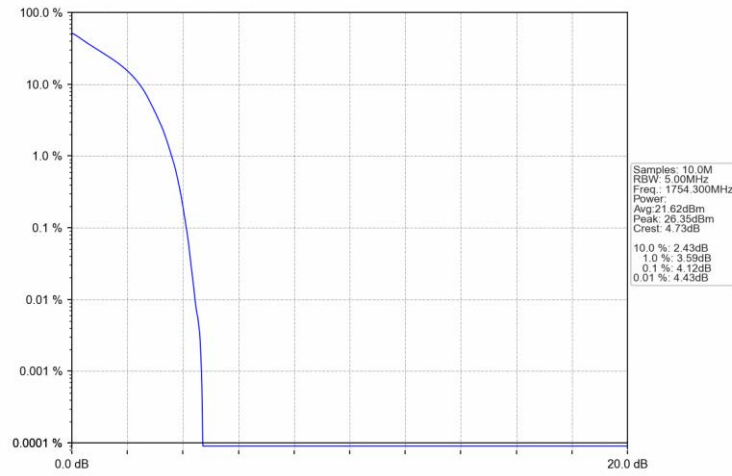
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.62	<=13	Pass
	1732.5	100	0	5.69	<=13	Pass
	1745	100	0	5.69	<=13	Pass
16QAM	1720	100	0	6.69	<=13	Pass
	1732.5	100	0	6.56	<=13	Pass
	1745	100	0	6.37	<=13	Pass

5.2 Test Graph

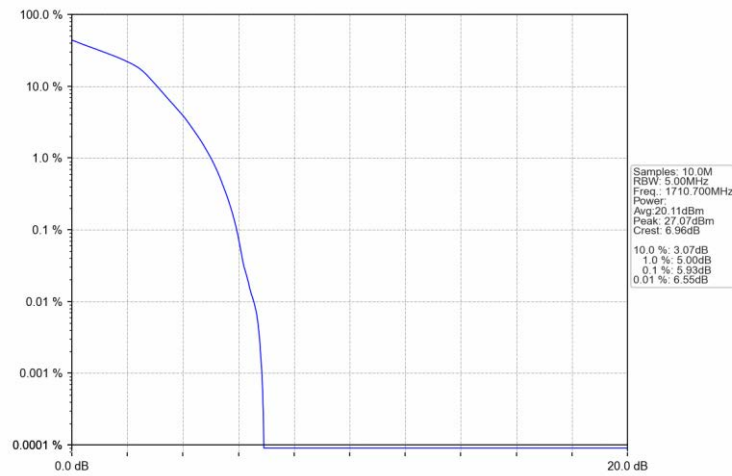
5.2.1 B4_1.4MHz



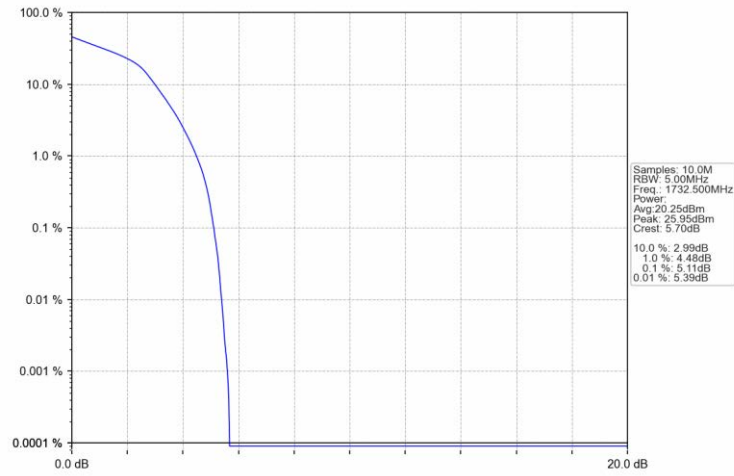
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



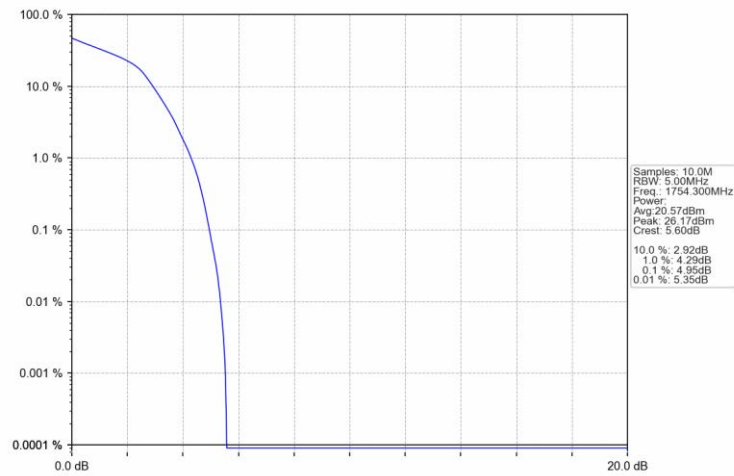
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



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

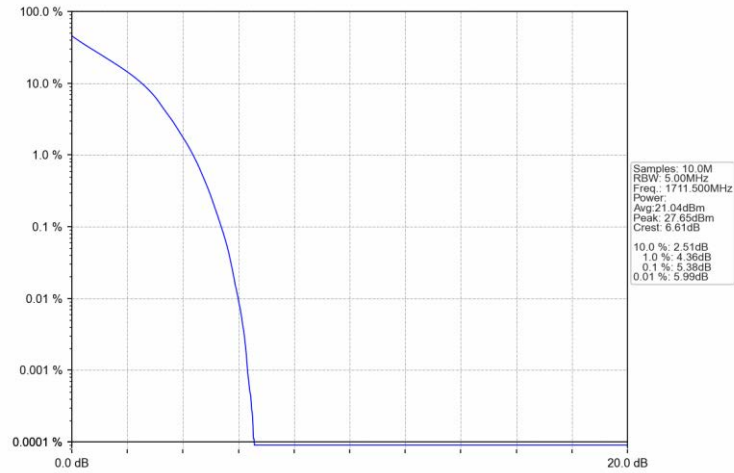


Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTN

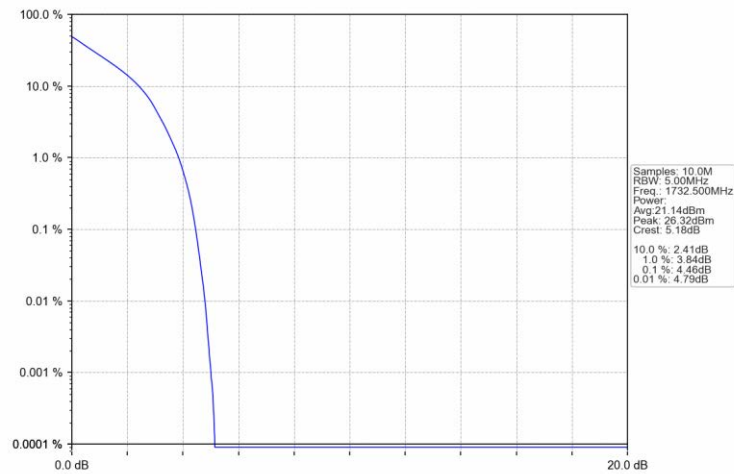


5.2.2 B4_3MHz

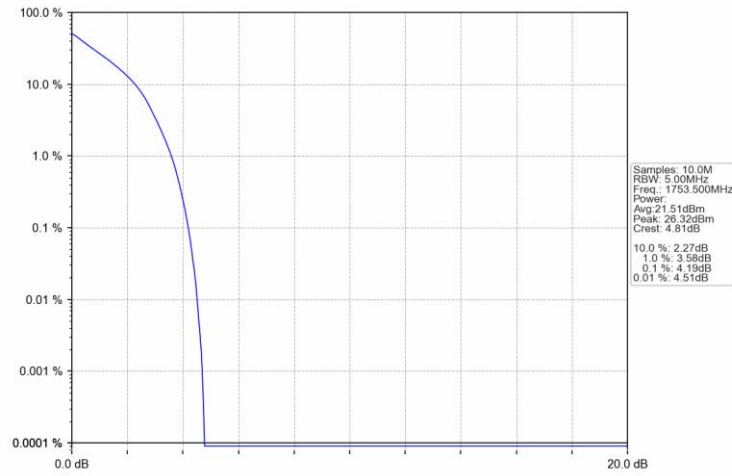
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



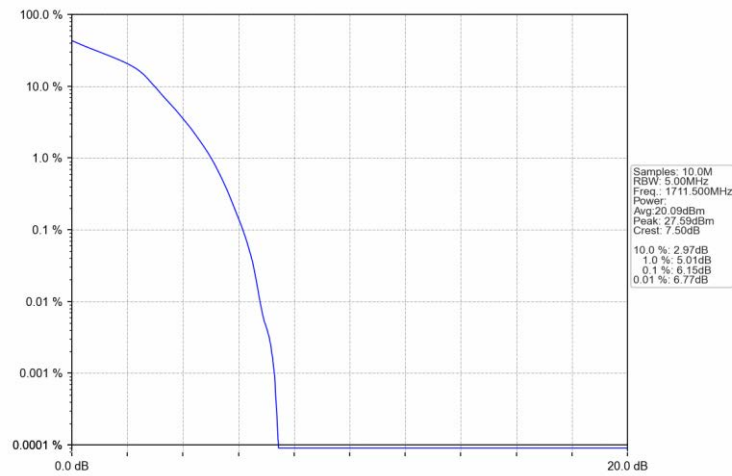
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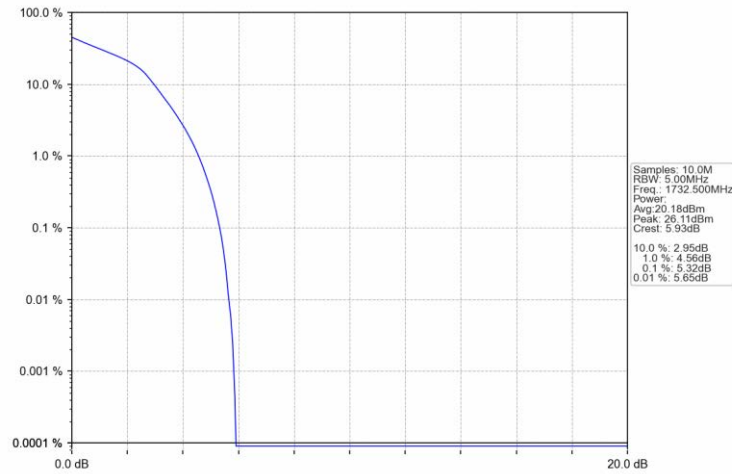
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



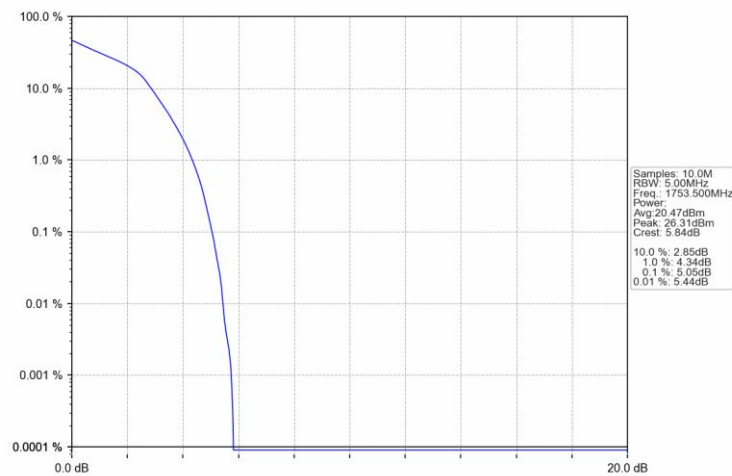
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



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

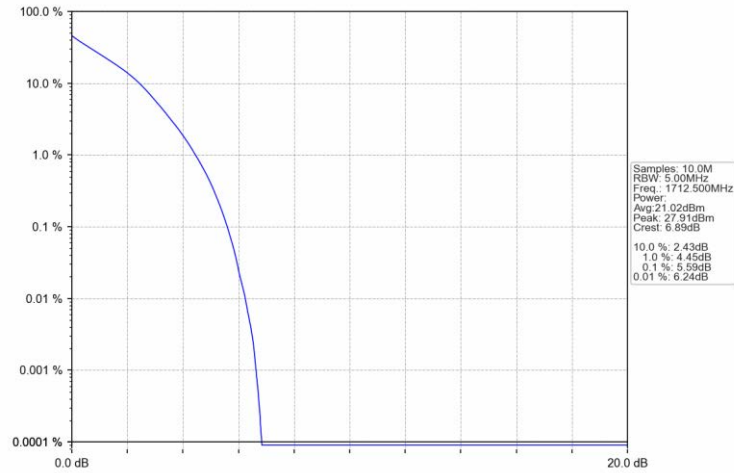


Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV

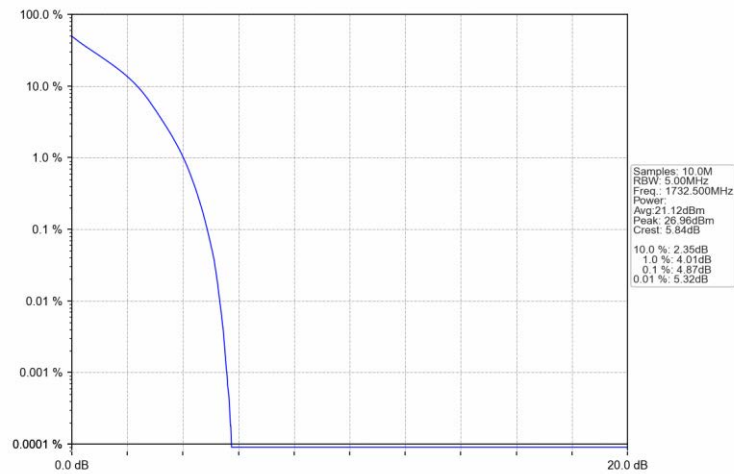


5.2.3 B4_5MHz

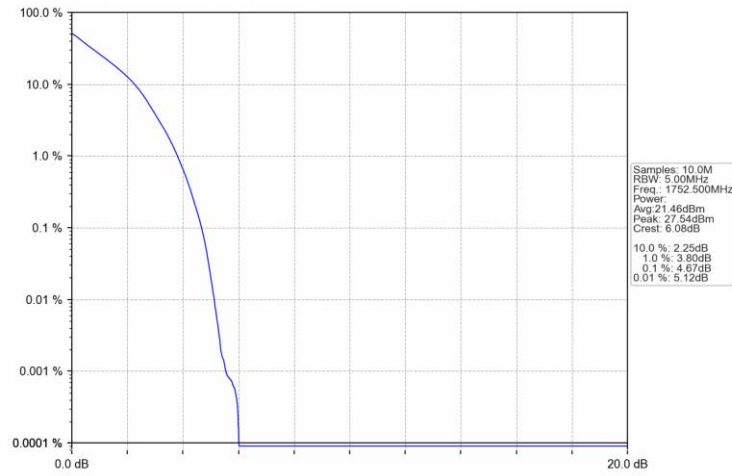
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



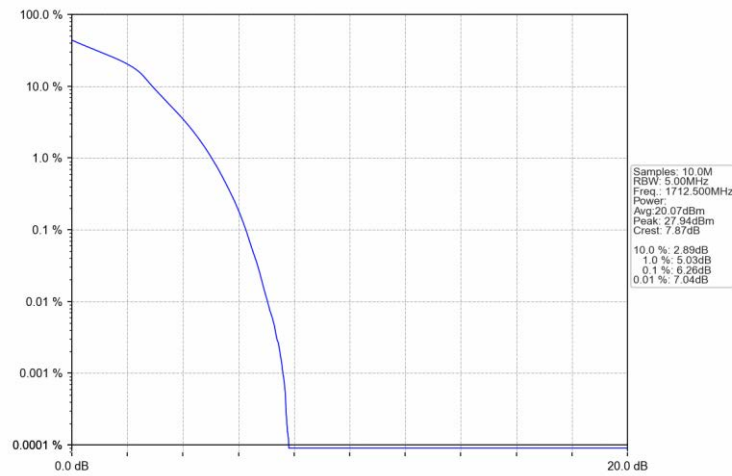
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



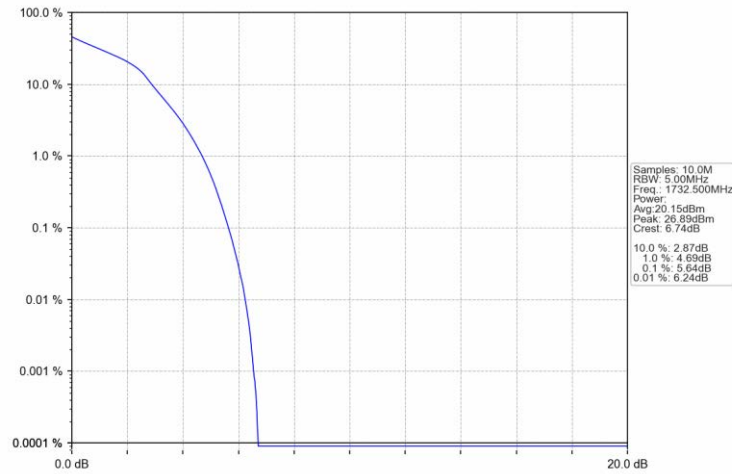
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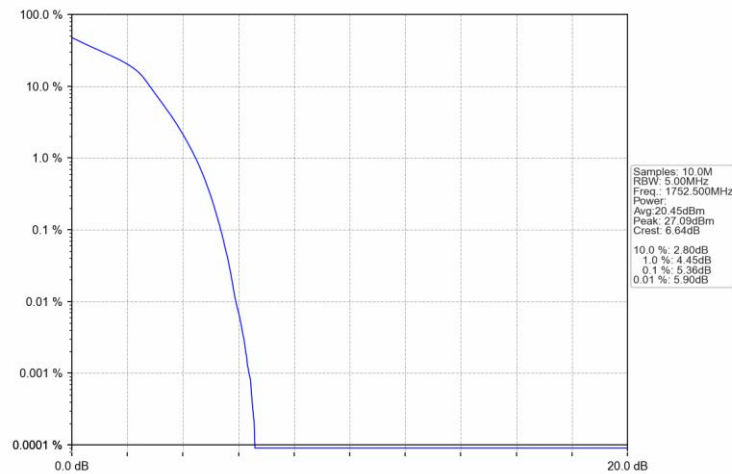
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV



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

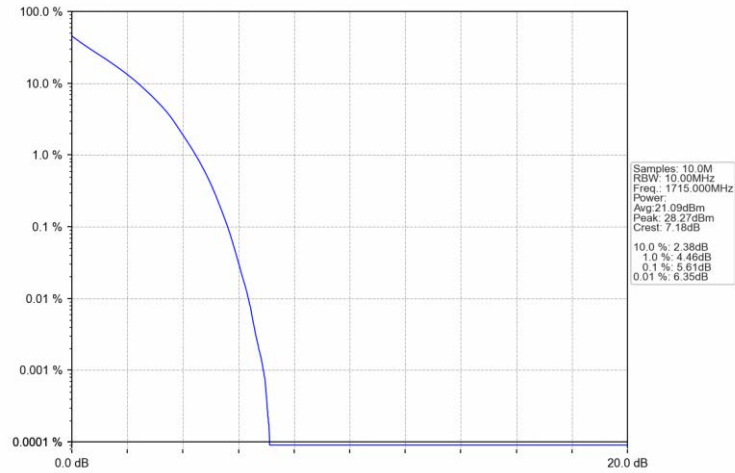


Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTVN

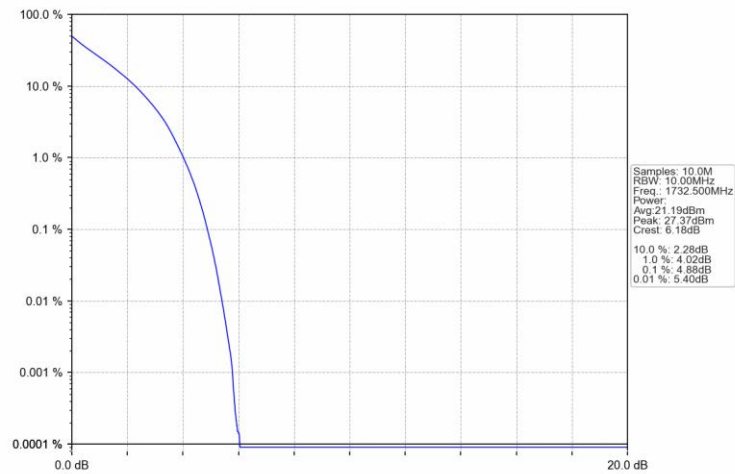


5.2.4 B4_10MHz

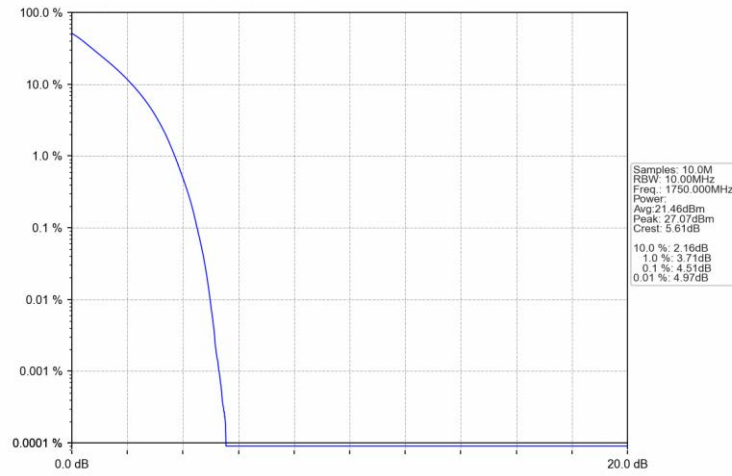
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



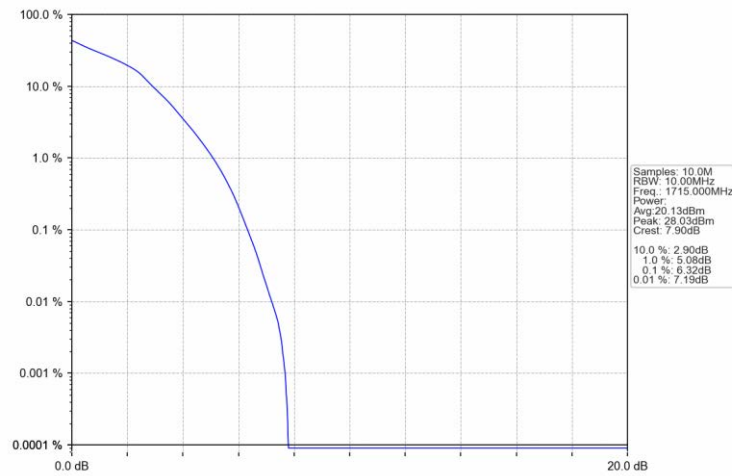
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



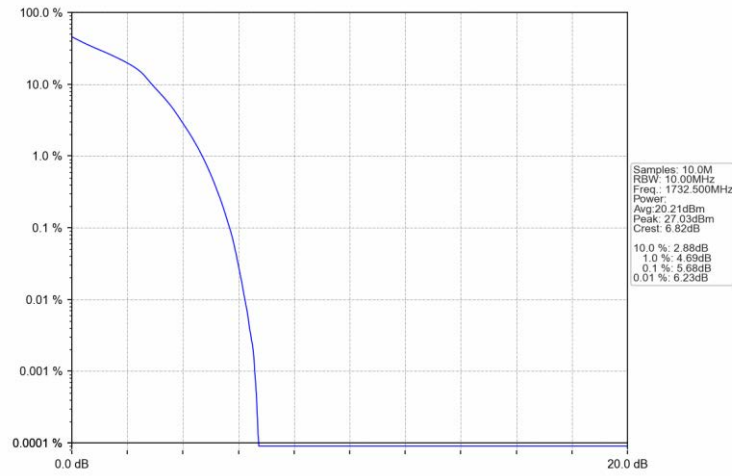
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



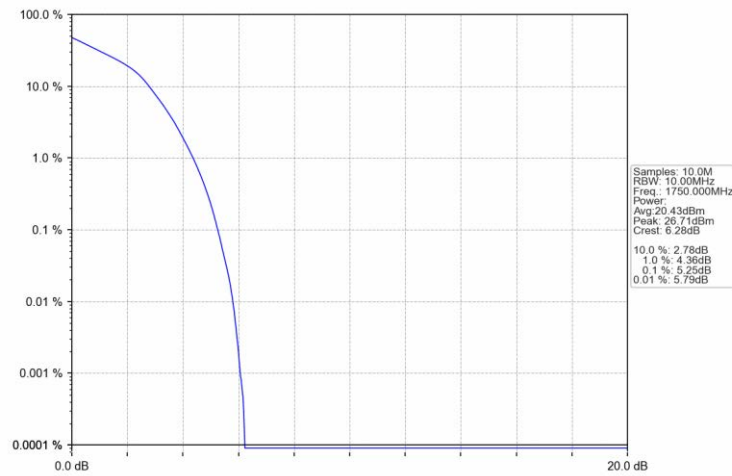
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



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

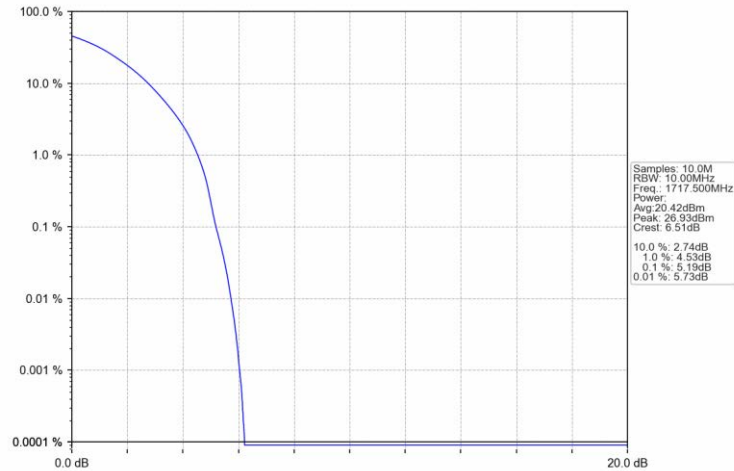


Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN

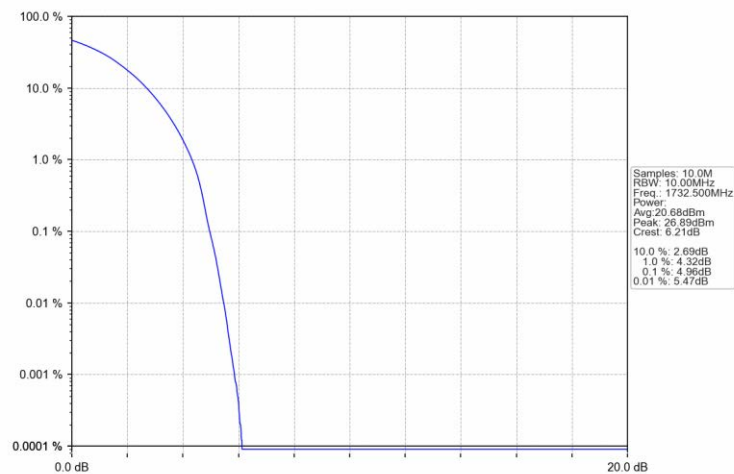


5.2.5 B4_15MHz

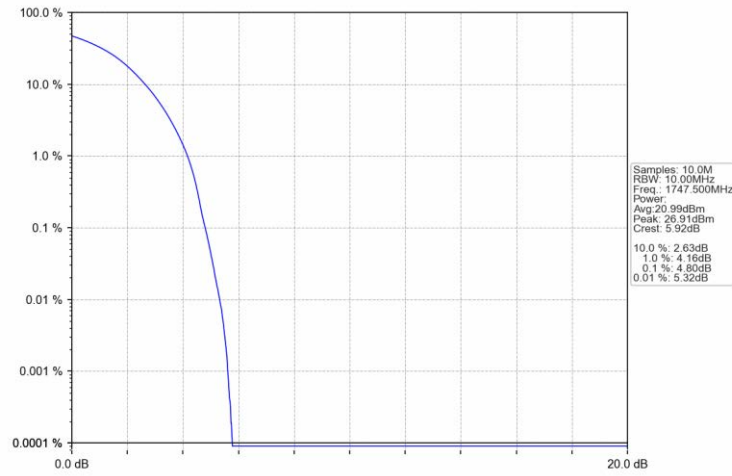
Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



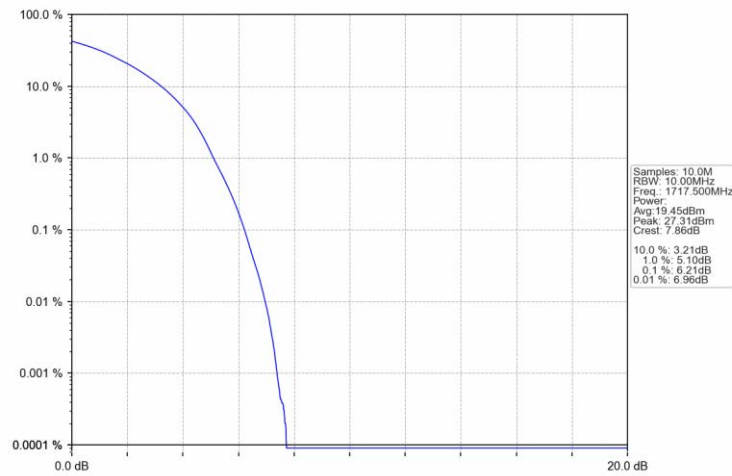
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



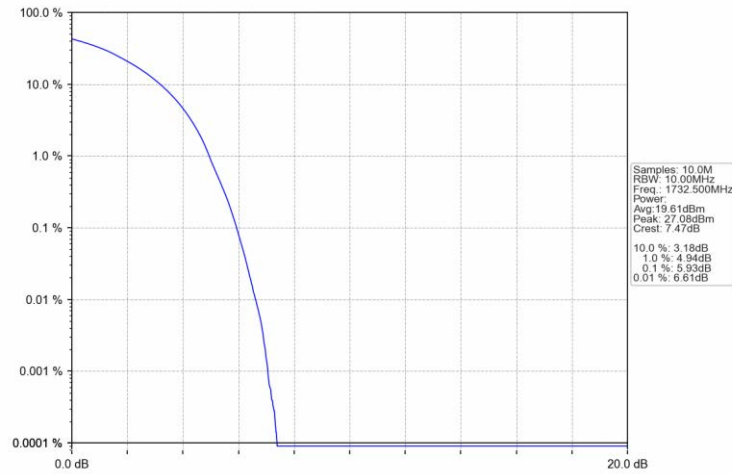
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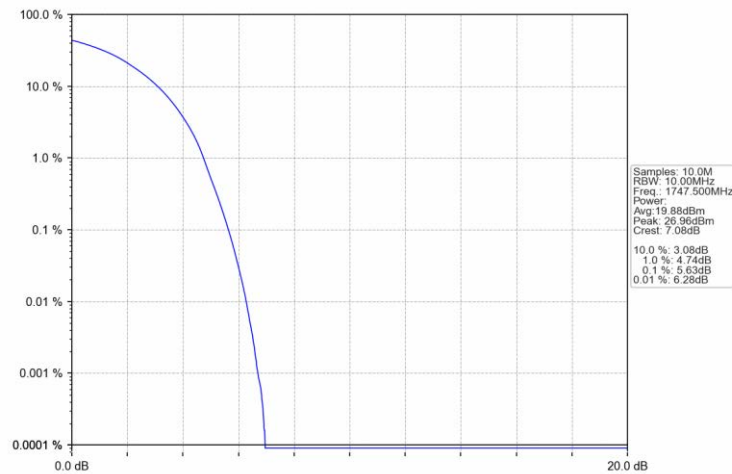
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN

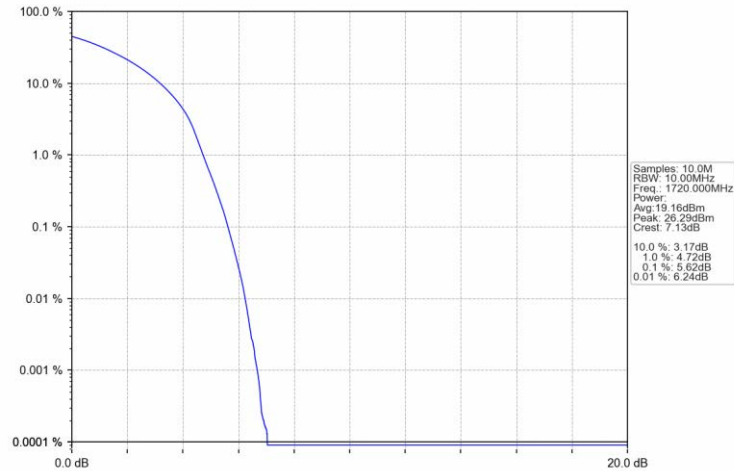


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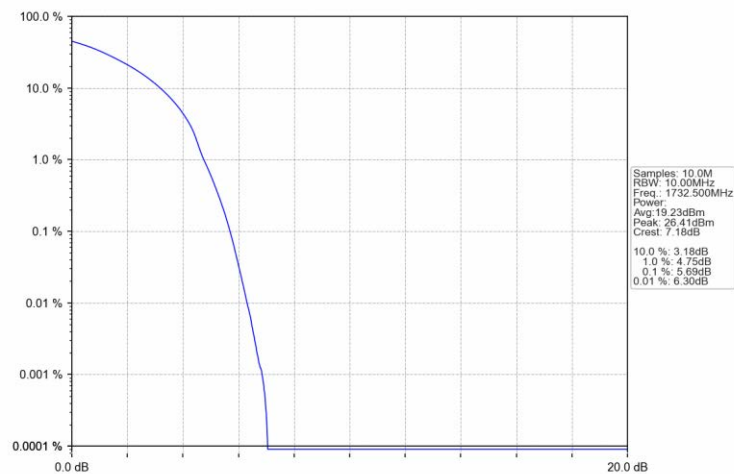


5.2.6 B4_20MHz

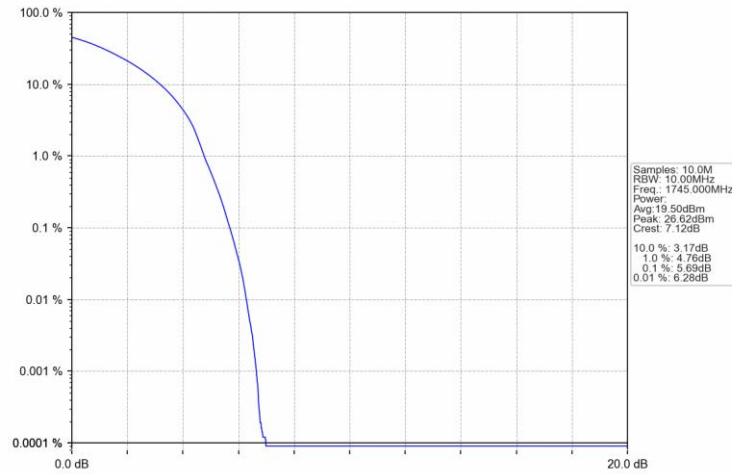
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



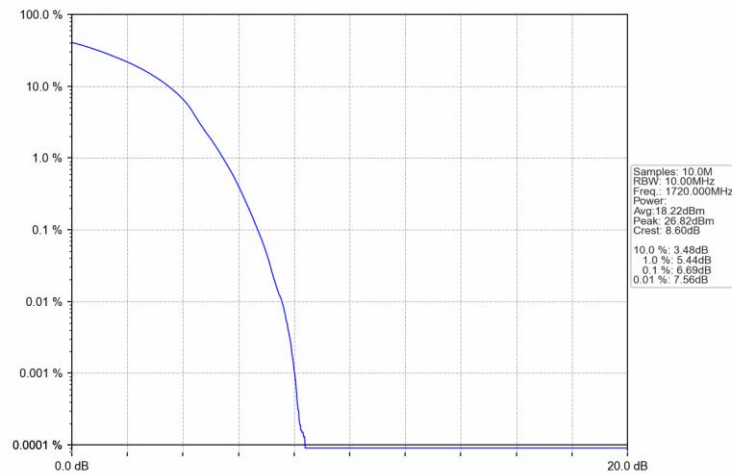
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



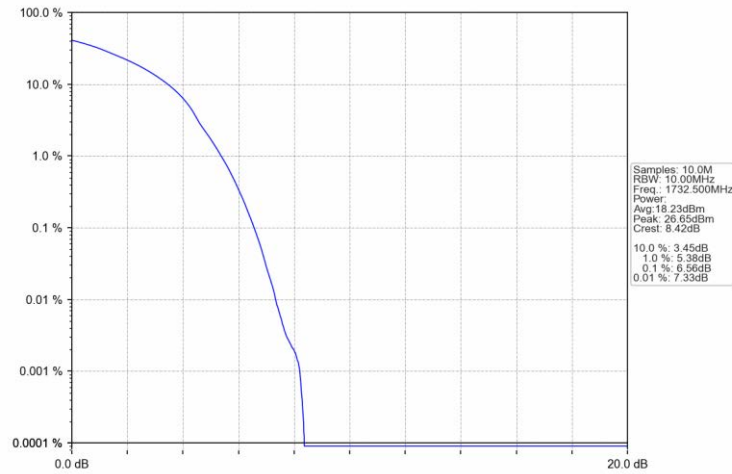
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



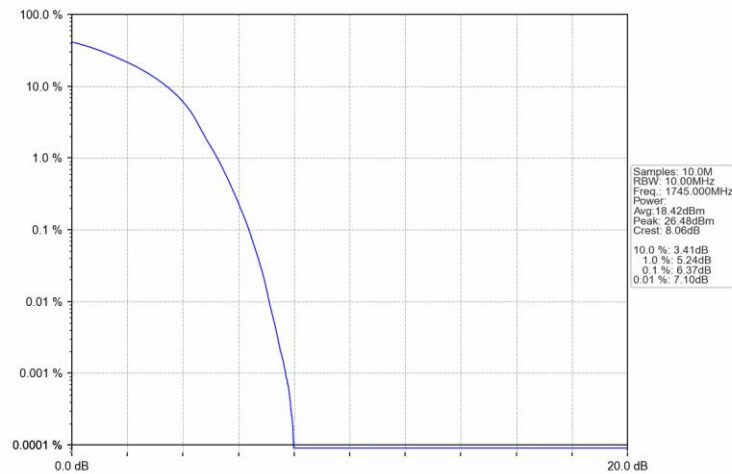
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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



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



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

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

6.1.2 B4_3MHz

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

6.1.3 B4_5MHz

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

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

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1750	1	0	Refer To Test Graph	
	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	
	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	
	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	
	74			Refer To Test Graph		Pass
	75		0	Refer To Test Graph		Pass

6.1.6 B4_20MHz

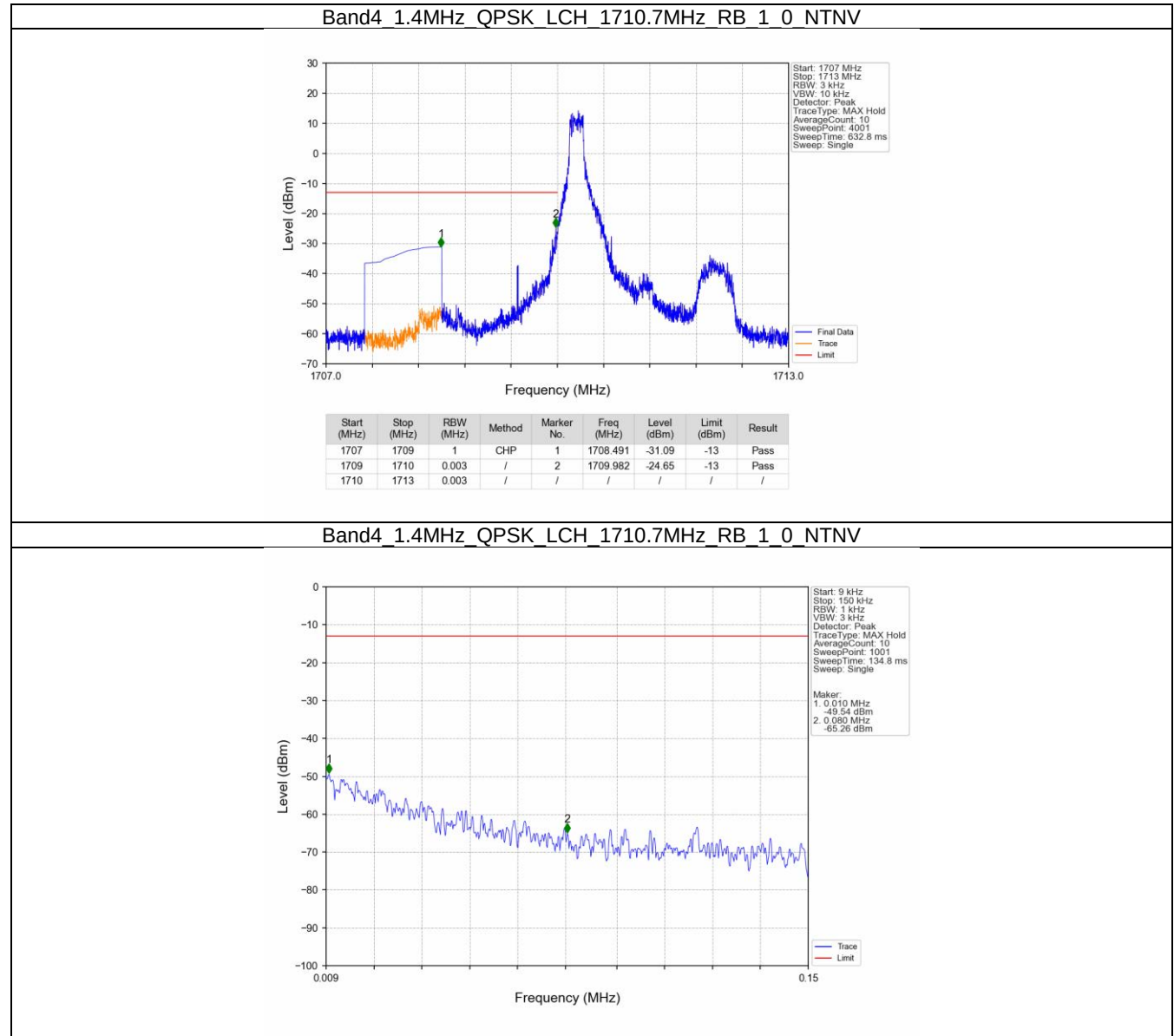
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1745	1	0	Refer To Test Graph	
	99			Refer To Test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



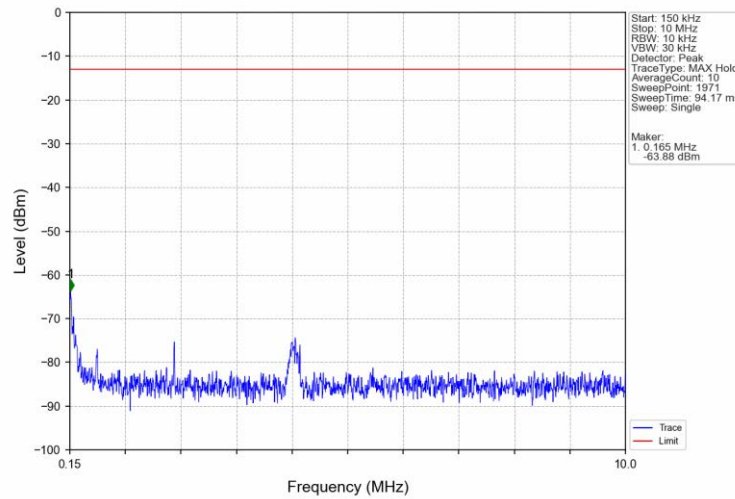
		100	0	Refer To Test Graph	Pass
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6.2 Test Graph

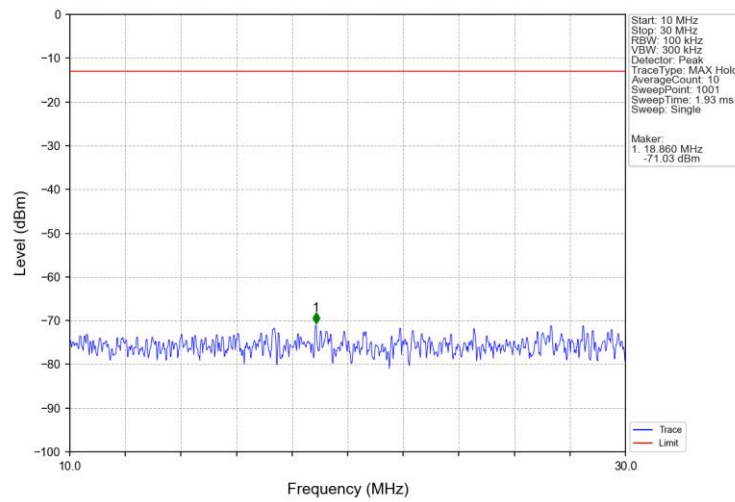
6.2.1 B4_1.4MHz



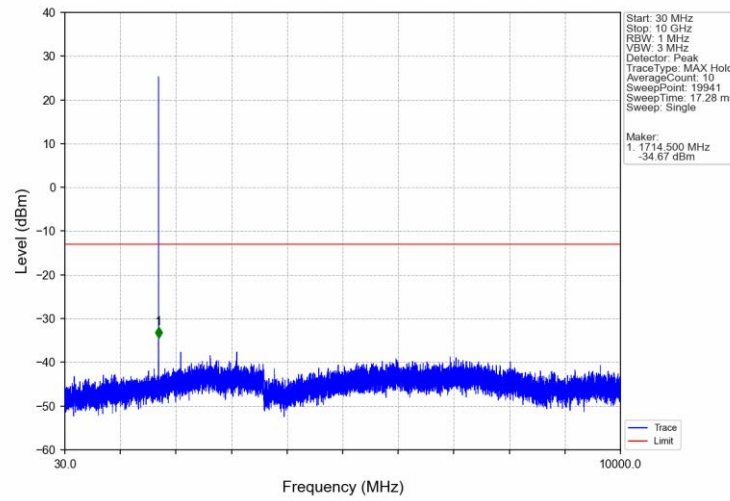
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



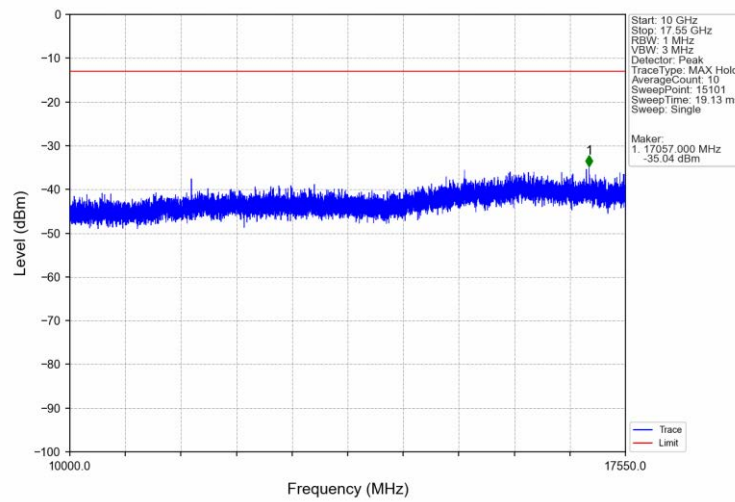
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



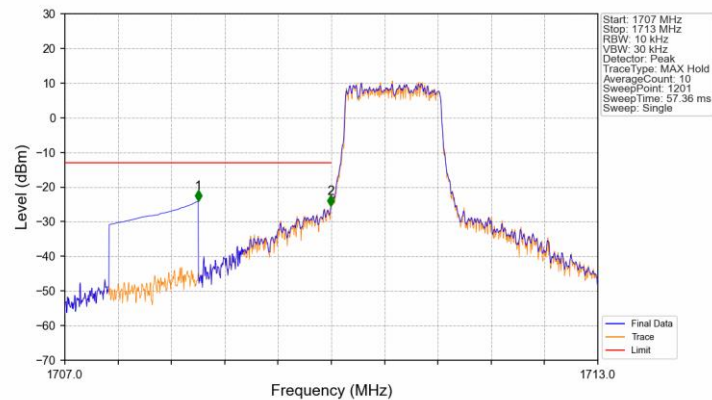
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

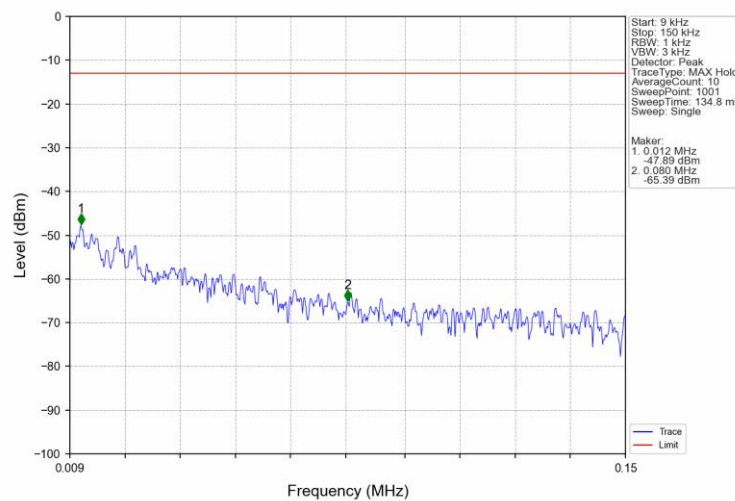


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

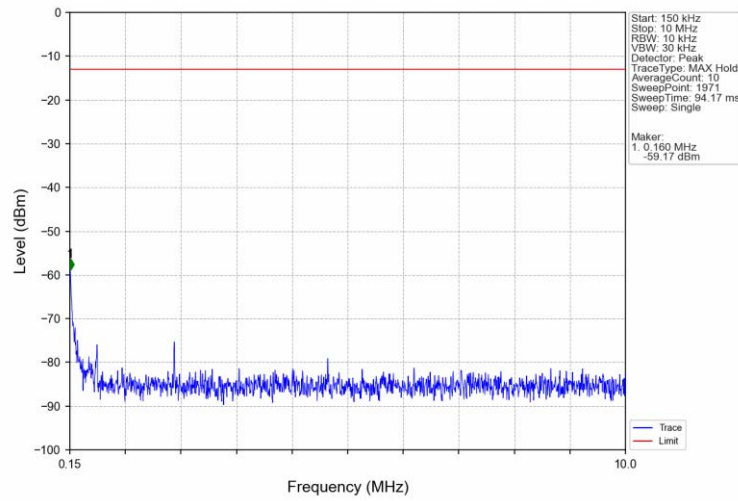


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.05	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-25.43	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

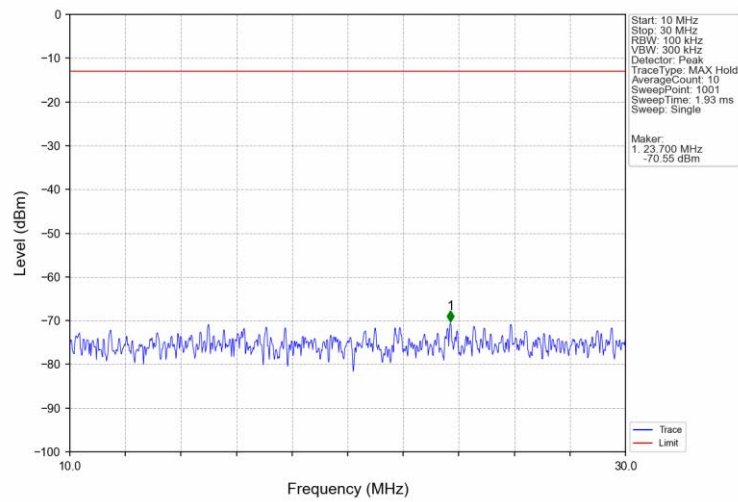
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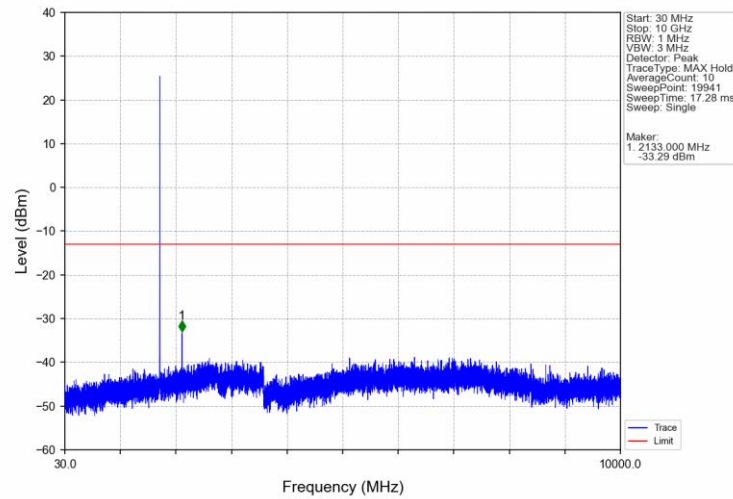
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



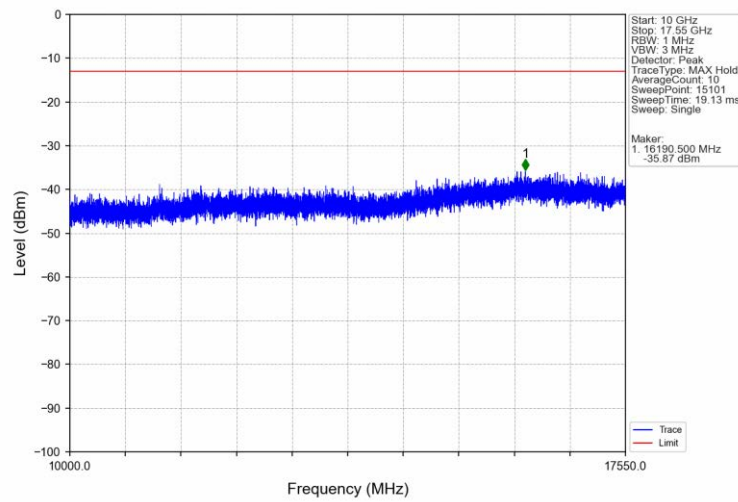
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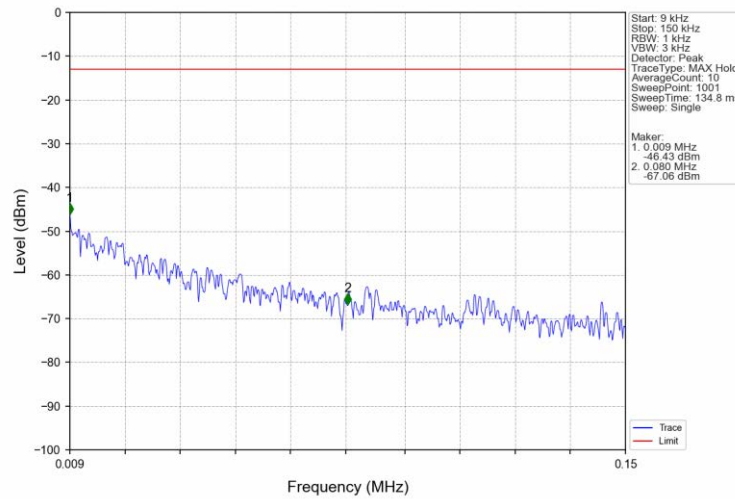
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



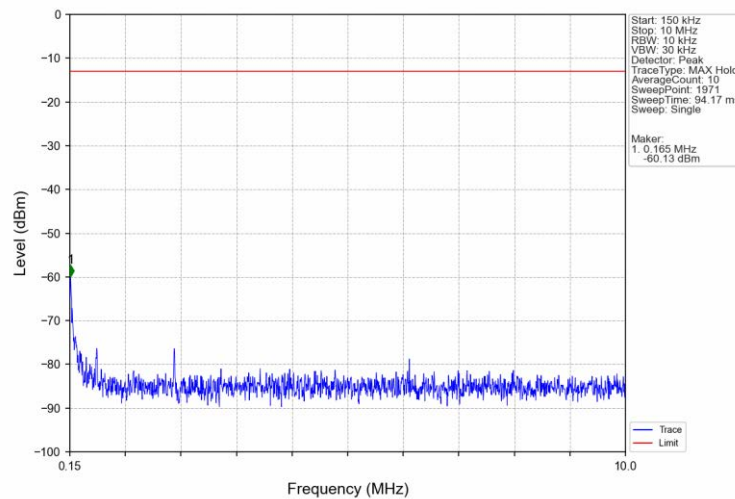
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



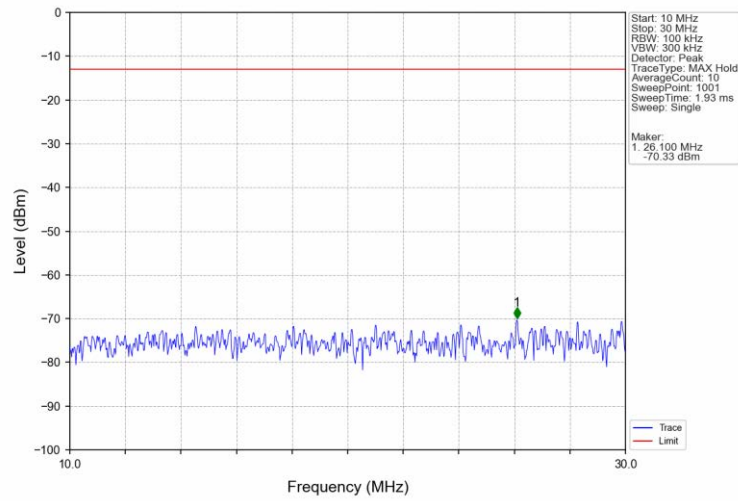
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



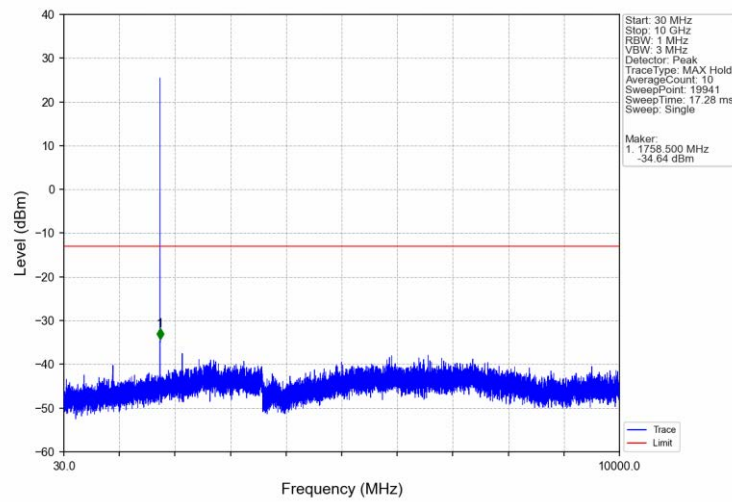
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



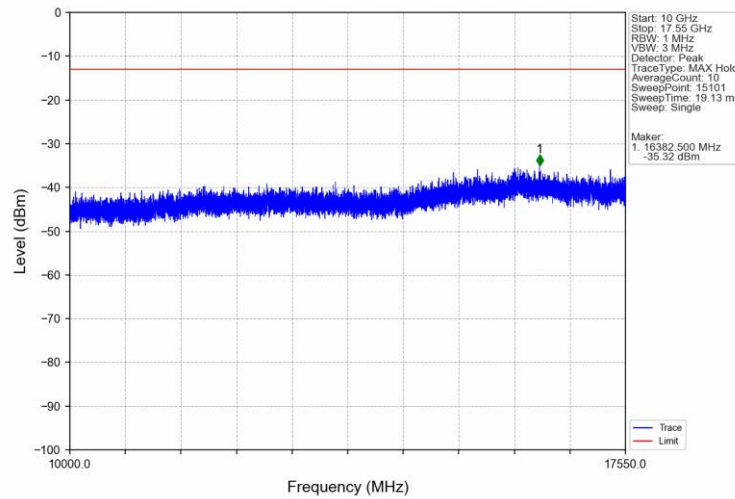
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



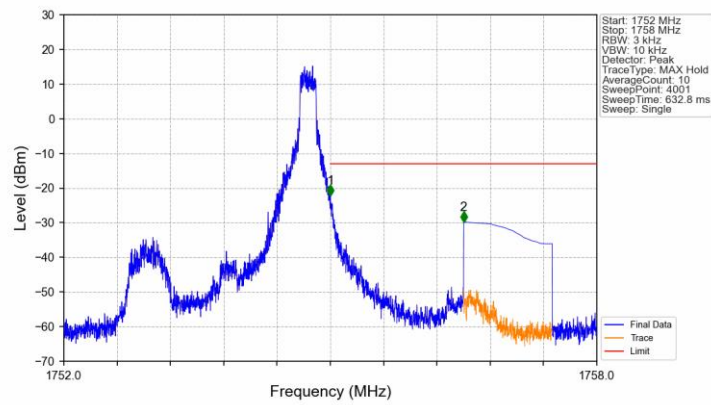
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

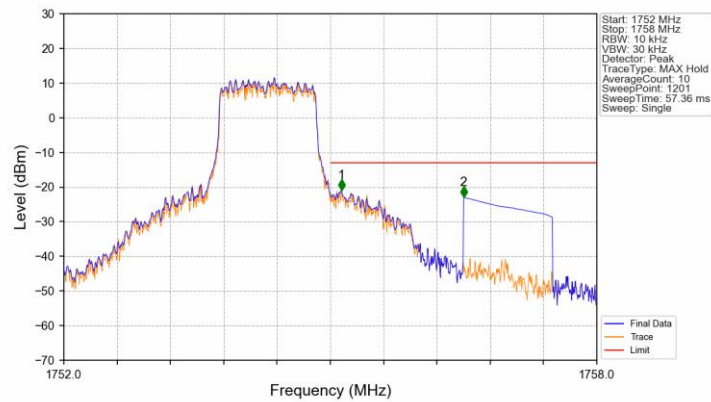


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



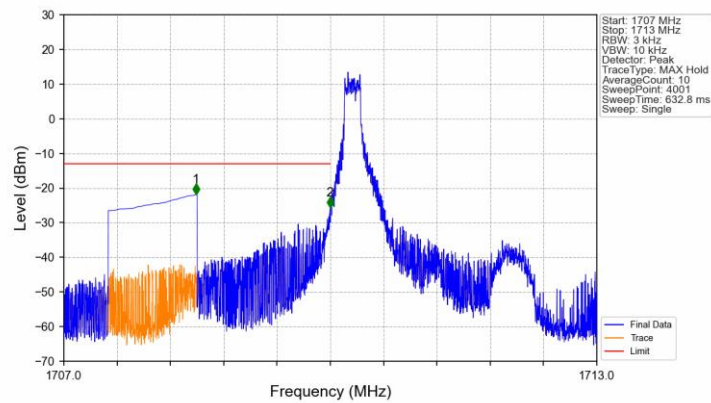
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-22.25	-13	Pass
1756	1758	1	CHP	2	1756.500	-29.84	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



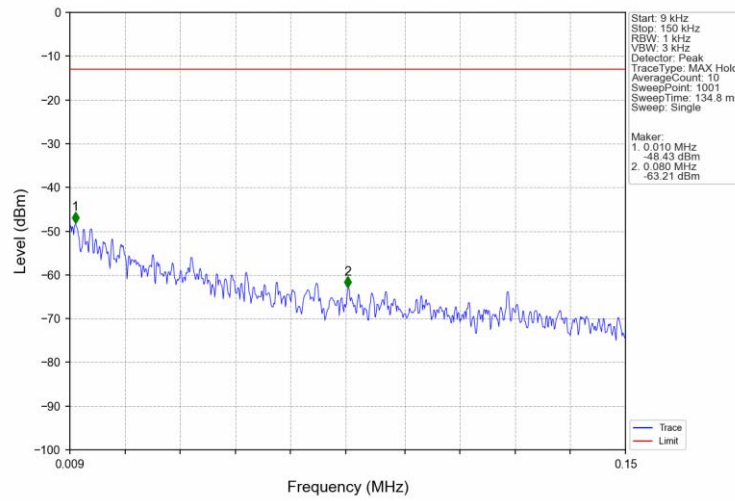
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.125	-20.96	-13	Pass
1756	1758	1	CHP	2	1756.500	-22.90	-13	Pass

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

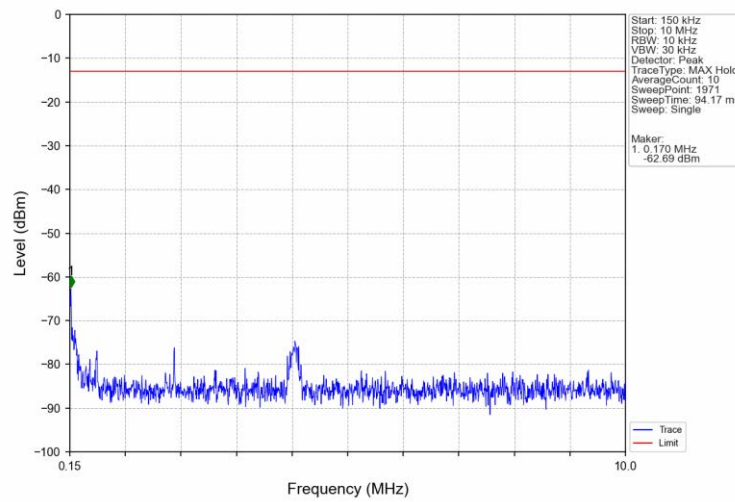


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.489	-21.82	-13	Pass
1709	1710	0.003	/	2	1709.997	-25.73	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

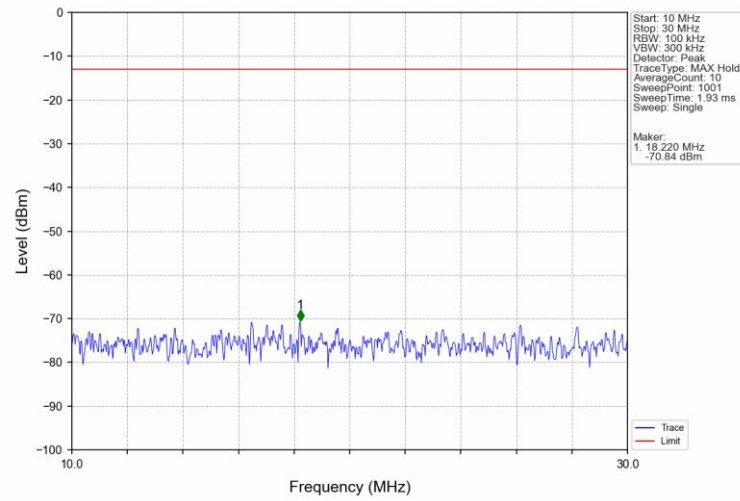
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



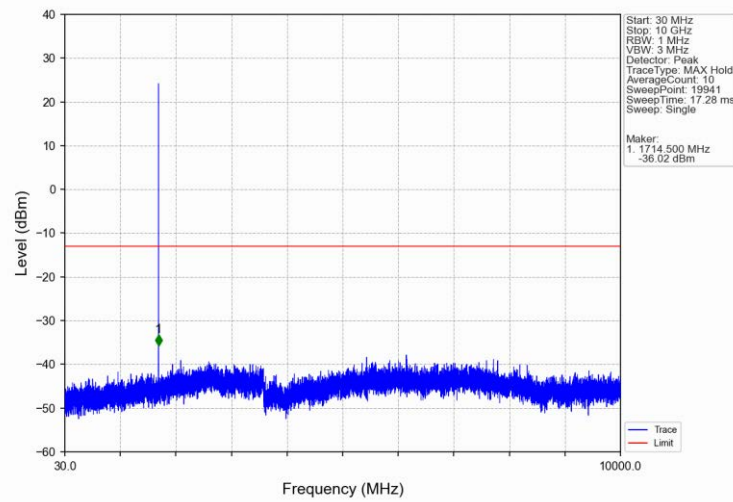
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



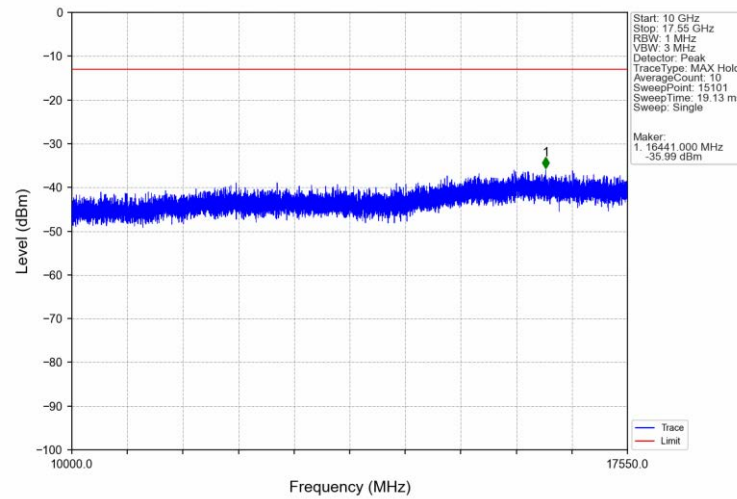
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



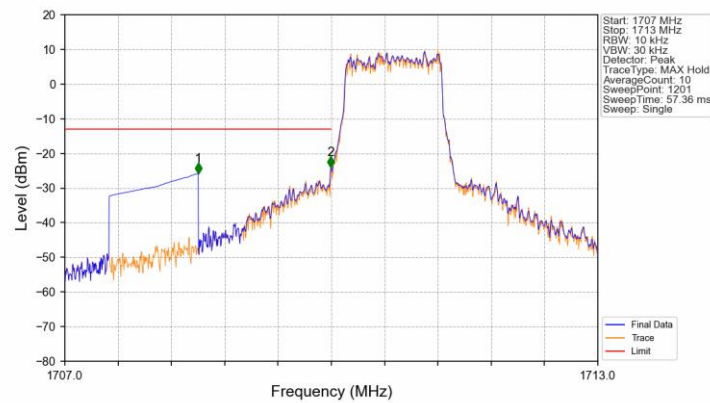
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



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	-25.84	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-23.98	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/