

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	22.57	-1.53	21.04	<=30	Pass
			2	22.2	-1.53	20.67	<=30	Pass
			5	22.16	-1.53	20.63	<=30	Pass
		3	0	21.86	-1.53	20.33	<=30	Pass
			2	22.05	-1.53	20.52	<=30	Pass
			3	21.97	-1.53	20.44	<=30	Pass
	1732.5	1	0	20.87	-1.53	19.34	<=30	Pass
			0	22.58	-1.53	21.05	<=30	Pass
			2	22.44	-1.53	20.91	<=30	Pass
		3	5	22.37	-1.53	20.84	<=30	Pass
			0	22.24	-1.53	20.71	<=30	Pass
			2	22.20	-1.53	20.67	<=30	Pass
		6	3	22.16	-1.53	20.63	<=30	Pass
			0	21.13	-1.53	19.60	<=30	Pass
			0	21.9	-1.53	20.37	<=30	Pass
	1754.3	1	2	21.76	-1.53	20.23	<=30	Pass
			5	21.73	-1.53	20.2	<=30	Pass
		3	0	21.71	-1.53	20.18	<=30	Pass
			2	21.68	-1.53	20.15	<=30	Pass
			3	21.63	-1.53	20.1	<=30	Pass
		6	0	20.67	-1.53	19.14	<=30	Pass
16QAM	1710.7	1	0	20.86	-1.53	19.33	<=30	Pass
			2	20.91	-1.53	19.38	<=30	Pass
			5	20.94	-1.53	19.41	<=30	Pass
		3	0	20.72	-1.53	19.19	<=30	Pass
			2	20.72	-1.53	19.19	<=30	Pass
			3	20.74	-1.53	19.21	<=30	Pass
	1732.5	1	0	19.9	-1.53	18.37	<=30	Pass
			0	21.14	-1.53	19.61	<=30	Pass
			2	21.10	-1.53	19.57	<=30	Pass
		3	5	21.15	-1.53	19.62	<=30	Pass
			0	21.13	-1.53	19.60	<=30	Pass
			2	21.13	-1.53	19.60	<=30	Pass
		6	3	21.10	-1.53	19.57	<=30	Pass
			0	20.14	-1.53	18.61	<=30	Pass
			0	20.71	-1.53	19.18	<=30	Pass
	1754.3	1	2	20.68	-1.53	19.15	<=30	Pass
			5	20.7	-1.53	19.17	<=30	Pass
		3	0	20.84	-1.53	19.31	<=30	Pass
			2	20.88	-1.53	19.35	<=30	Pass
			3	20.86	-1.53	19.33	<=30	Pass
		6	0	19.98	-1.53	18.45	<=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	22.35	-1.53	20.82	<=30	Pass
			7	22.46	-1.53	20.93	<=30	Pass
			14	22.45	-1.53	20.92	<=30	Pass
		8	0	21.68	-1.53	20.15	<=30	Pass
			4	21.88	-1.53	20.35	<=30	Pass
			7	21.91	-1.53	20.38	<=30	Pass
		15	0	21.79	-1.53	20.26	<=30	Pass
	1732.5	1	0	22.79	-1.53	21.26	<=30	Pass
			7	22.74	-1.53	21.21	<=30	Pass
			14	22.57	-1.53	21.04	<=30	Pass
		8	0	22.29	-1.53	20.76	<=30	Pass
			4	22.3	-1.53	20.77	<=30	Pass
		7	22.29	-1.53	20.76	<=30	Pass	
	15	0	22.26	-1.53	20.73	<=30	Pass	
	1753.5	1	0	22.24	-1.53	20.71	<=30	Pass
			7	22.21	-1.53	20.68	<=30	Pass
			14	22.04	-1.53	20.51	<=30	Pass
		8	0	21.67	-1.53	20.14	<=30	Pass
			4	21.68	-1.53	20.15	<=30	Pass
			7	21.66	-1.53	20.13	<=30	Pass
		15	0	21.65	-1.53	20.12	<=30	Pass
16QAM	1711.5	1	0	21.59	-1.53	20.06	<=30	Pass
			7	21.98	-1.53	20.45	<=30	Pass
			14	22.02	-1.53	20.49	<=30	Pass
		8	0	20.75	-1.53	19.22	<=30	Pass
			4	20.91	-1.53	19.38	<=30	Pass
			7	21.02	-1.53	19.49	<=30	Pass
		15	0	20.79	-1.53	19.26	<=30	Pass
	1732.5	1	0	22.27	-1.53	20.74	<=30	Pass
			7	22.36	-1.53	20.83	<=30	Pass
			14	22.21	-1.53	20.68	<=30	Pass
		8	0	21.35	-1.53	19.82	<=30	Pass
			4	21.4	-1.53	19.87	<=30	Pass
	7	21.34	-1.53	19.81	<=30	Pass		
	15	0	21.21	-1.53	19.68	<=30	Pass	
	1753.5	1	0	21.69	-1.53	20.16	<=30	Pass
			7	21.76	-1.53	20.23	<=30	Pass
			14	21.59	-1.53	20.06	<=30	Pass
		8	0	21.25	-1.53	19.72	<=30	Pass
4			21.28	-1.53	19.75	<=30	Pass	
7		21.28	-1.53	19.75	<=30	Pass		
15	0	21.07	-1.53	19.54	<=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	22.06	-1.53	20.53	<=30	Pass
			13	22.36	-1.53	20.83	<=30	Pass
			24	22.48	-1.53	20.95	<=30	Pass
		12	0	21.32	-1.53	19.79	<=30	Pass
			6	21.55	-1.53	20.02	<=30	Pass
			13	21.74	-1.53	20.21	<=30	Pass
		25	0	21.49	-1.53	19.96	<=30	Pass
	1732.5	1	0	22.59	-1.53	21.06	<=30	Pass
			13	22.48	-1.53	20.95	<=30	Pass
			24	22.24	-1.53	20.71	<=30	Pass
		12	0	21.95	-1.53	20.42	<=30	Pass
			6	22.03	-1.53	20.5	<=30	Pass
			13	21.9	-1.53	20.37	<=30	Pass
		25	0	21.94	-1.53	20.41	<=30	Pass
	1752.5	1	0	22.14	-1.53	20.61	<=30	Pass
			13	22.06	-1.53	20.53	<=30	Pass
			24	21.96	-1.53	20.43	<=30	Pass
		12	0	21.44	-1.53	19.91	<=30	Pass
			6	21.53	-1.53	20	<=30	Pass
			13	21.45	-1.53	19.92	<=30	Pass
		25	0	21.47	-1.53	19.94	<=30	Pass
16QAM	1712.5	1	0	20.72	-1.53	19.19	<=30	Pass
			13	21.13	-1.53	19.6	<=30	Pass
			24	21.42	-1.53	19.89	<=30	Pass
		12	0	20.34	-1.53	18.81	<=30	Pass
			6	20.65	-1.53	19.12	<=30	Pass
			13	20.75	-1.53	19.22	<=30	Pass
		25	0	20.63	-1.53	19.1	<=30	Pass
	1732.5	1	0	22.27	-1.53	20.74	<=30	Pass
			13	22.22	-1.53	20.69	<=30	Pass
			24	21.99	-1.53	20.46	<=30	Pass
		12	0	21.23	-1.53	19.7	<=30	Pass
			6	21.33	-1.53	19.8	<=30	Pass
			13	21.19	-1.53	19.66	<=30	Pass
		25	0	21.24	-1.53	19.71	<=30	Pass
	1752.5	1	0	21.74	-1.53	20.21	<=30	Pass
			13	21.68	-1.53	20.15	<=30	Pass
			24	21.68	-1.53	20.15	<=30	Pass
		12	0	20.96	-1.53	19.43	<=30	Pass
			6	21.08	-1.53	19.55	<=30	Pass
			13	21.02	-1.53	19.49	<=30	Pass
		25	0	20.88	-1.53	19.35	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.43	-1.53	20.9	<=30	Pass
			25	22.85	-1.53	21.32	<=30	Pass
			49	23.05	-1.53	21.52	<=30	Pass
		25	0	21.63	-1.53	20.1	<=30	Pass
			13	22.07	-1.53	20.54	<=30	Pass
			25	22.13	-1.53	20.6	<=30	Pass
		50	0	21.85	-1.53	20.32	<=30	Pass
	1732.5	1	0	22.42	-1.53	20.89	<=30	Pass
			25	22.41	-1.53	20.88	<=30	Pass
			49	22.25	-1.53	20.72	<=30	Pass
		25	0	21.84	-1.53	20.31	<=30	Pass
			13	21.95	-1.53	20.42	<=30	Pass
			25	21.76	-1.53	20.23	<=30	Pass
		50	0	21.82	-1.53	20.29	<=30	Pass
	1750	1	0	22.23	-1.53	20.7	<=30	Pass
			25	21.93	-1.53	20.4	<=30	Pass
			49	21.84	-1.53	20.31	<=30	Pass
		25	0	21.38	-1.53	19.85	<=30	Pass
			13	21.4	-1.53	19.87	<=30	Pass
			25	21.31	-1.53	19.78	<=30	Pass
		50	0	21.3	-1.53	19.77	<=30	Pass
16QAM	1715	1	0	21.49	-1.53	19.96	<=30	Pass
			25	21.99	-1.53	20.46	<=30	Pass
			49	22.33	-1.53	20.8	<=30	Pass
		12	0	20.98	-1.53	19.45	<=30	Pass
			19	21.44	-1.53	19.91	<=30	Pass
			38	21.66	-1.53	20.13	<=30	Pass
		27	0	20.1	-1.53	18.57	<=30	Pass
	1732.5	1	0	22.06	-1.53	20.53	<=30	Pass
			25	22.07	-1.53	20.54	<=30	Pass
			49	22.04	-1.53	20.51	<=30	Pass
		12	0	21.26	-1.53	19.73	<=30	Pass
			19	21.22	-1.53	19.69	<=30	Pass
	27	0	20.32	-1.53	18.79	<=30	Pass	
	1750	1	0	21.76	-1.53	20.23	<=30	Pass
			25	21.49	-1.53	19.96	<=30	Pass
			49	21.48	-1.53	19.95	<=30	Pass
		12	0	21.22	-1.53	19.69	<=30	Pass
			19	21.03	-1.53	19.5	<=30	Pass
38			21.07	-1.53	19.54	<=30	Pass	
27		23	20.2	-1.53	18.67	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.64	-1.53	21.11	<=30	Pass
			38	23.19	-1.53	21.66	<=30	Pass
			74	23.27	-1.53	21.74	<=30	Pass
		36	0	21.58	-1.53	20.05	<=30	Pass
			18	21.91	-1.53	20.38	<=30	Pass
			39	22.17	-1.53	20.64	<=30	Pass
		75	0	21.72	-1.53	20.19	<=30	Pass
	1732.5	1	0	23.25	-1.53	21.72	<=30	Pass
			38	23.17	-1.53	21.64	<=30	Pass
			74	22.88	-1.53	21.35	<=30	Pass
		36	0	22.24	-1.53	20.71	<=30	Pass
			18	22.25	-1.53	20.72	<=30	Pass
			39	22.1	-1.53	20.57	<=30	Pass
	75	0	22.1	-1.53	20.57	<=30	Pass	
	1747.5	1	0	23.38	-1.53	21.85	<=30	Pass
			38	22.88	-1.53	21.35	<=30	Pass
			74	22.45	-1.53	20.92	<=30	Pass
		36	0	21.99	-1.53	20.46	<=30	Pass
			18	21.85	-1.53	20.32	<=30	Pass
			39	21.43	-1.53	19.9	<=30	Pass
		75	0	21.54	-1.53	20.01	<=30	Pass
16QAM	1717.5	1	0	21.78	-1.53	20.25	<=30	Pass
			38	22.42	-1.53	20.89	<=30	Pass
			74	22	-1.53	20.47	<=30	Pass
		12	0	20.32	-1.53	18.79	<=30	Pass
			31	21.11	-1.53	19.58	<=30	Pass
			63	21.37	-1.53	19.84	<=30	Pass
		27	0	20.54	-1.53	19.01	<=30	Pass
	1732.5	1	0	21.94	-1.53	20.41	<=30	Pass
			38	22.02	-1.53	20.49	<=30	Pass
			74	21.94	-1.53	20.41	<=30	Pass
		12	0	21.05	-1.53	19.52	<=30	Pass
			31	21.25	-1.53	19.72	<=30	Pass
			63	21.05	-1.53	19.52	<=30	Pass
	27	0	20.62	-1.53	19.09	<=30	Pass	
	1747.5	1	0	22.26	-1.53	20.73	<=30	Pass
			38	21.88	-1.53	20.35	<=30	Pass
			74	21.59	-1.53	20.06	<=30	Pass
		12	0	21.31	-1.53	19.78	<=30	Pass
31			21.29	-1.53	19.76	<=30	Pass	
63			20.88	-1.53	19.35	<=30	Pass	
27		48	20.3	-1.53	18.77	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.41	-1.53	19.88	<=30	Pass
			50	22.70	-1.53	21.17	<=30	Pass
			99	22.93	-1.53	21.40	<=30	Pass
		50	0	20.84	-1.53	19.31	<=30	Pass
			25	21.39	-1.53	19.86	<=30	Pass
			50	21.53	-1.53	20.00	<=30	Pass
		100	0	21.11	-1.53	19.58	<=30	Pass
	1732.5	1	0	22.77	-1.53	21.24	<=30	Pass
			50	23.04	-1.53	21.51	<=30	Pass
			99	22.52	-1.53	20.99	<=30	Pass
		50	0	21.55	-1.53	20.02	<=30	Pass
			25	21.77	-1.53	20.24	<=30	Pass
			50	21.48	-1.53	19.95	<=30	Pass
		100	0	21.45	-1.53	19.92	<=30	Pass
	1745	1	0	23.27	-1.53	21.74	<=30	Pass
			50	22.76	-1.53	21.23	<=30	Pass
			99	22.06	-1.53	20.53	<=30	Pass
		50	0	21.59	-1.53	20.06	<=30	Pass
			25	21.47	-1.53	19.94	<=30	Pass
			50	20.94	-1.53	19.41	<=30	Pass
		100	0	21.17	-1.53	19.64	<=30	Pass
16QAM	1720	1	0	20.31	-1.53	18.78	<=30	Pass
			50	21.55	-1.53	20.02	<=30	Pass
			99	21.90	-1.53	20.37	<=30	Pass
		12	0	20.07	-1.53	18.54	<=30	Pass
			44	21.16	-1.53	19.63	<=30	Pass
			88	21.32	-1.53	19.79	<=30	Pass
		27	0	19.26	-1.53	17.73	<=30	Pass
	1732.5	1	0	21.73	-1.53	20.20	<=30	Pass
			50	22.10	-1.53	20.57	<=30	Pass
			99	21.75	-1.53	20.22	<=30	Pass
		12	0	20.91	-1.53	19.38	<=30	Pass
			44	21.43	-1.53	19.90	<=30	Pass
			88	21.03	-1.53	19.50	<=30	Pass
	27	0	20.14	-1.53	18.61	<=30	Pass	
	1745	1	0	21.59	-1.53	20.06	<=30	Pass
			50	21.52	-1.53	19.99	<=30	Pass
			99	20.92	-1.53	19.39	<=30	Pass
		12	0	21.09	-1.53	19.56	<=30	Pass
44			21.11	-1.53	19.58	<=30	Pass	
88			20.50	-1.53	18.97	<=30	Pass	
27		73	19.62	-1.53	18.09	<=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	3.40	4.621	0.0027	-2.5 to 2.5	Pass
					3.70	20.413	0.0119	-2.5 to 2.5	Pass
					4.20	17.281	0.0101	-2.5 to 2.5	Pass
				-30	3.70	20.986	0.0123	-2.5 to 2.5	Pass
				-20	3.70	19.341	0.0113	-2.5 to 2.5	Pass
				-10	3.70	18.439	0.0108	-2.5 to 2.5	Pass
				0	3.70	17.538	0.0103	-2.5 to 2.5	Pass
				10	3.70	19.526	0.0114	-2.5 to 2.5	Pass
				30	3.70	18.525	0.0108	-2.5 to 2.5	Pass
				40	3.70	18.225	0.0107	-2.5 to 2.5	Pass
				50	3.70	17.824	0.0104	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.40	-0.687	-0.0004	-2.5 to 2.5	Pass
					3.70	19.255	0.0111	-2.5 to 2.5	Pass
					4.20	18.783	0.0108	-2.5 to 2.5	Pass
				-30	3.70	18.911	0.0109	-2.5 to 2.5	Pass
				-20	3.70	17.266	0.0100	-2.5 to 2.5	Pass
				-10	3.70	18.382	0.0106	-2.5 to 2.5	Pass
				0	3.70	17.381	0.0100	-2.5 to 2.5	Pass
				10	3.70	17.924	0.0103	-2.5 to 2.5	Pass
				30	3.70	16.952	0.0098	-2.5 to 2.5	Pass
				40	3.70	15.106	0.0087	-2.5 to 2.5	Pass
				50	3.70	17.166	0.0099	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.40	-13.032	-0.0074	-2.5 to 2.5	Pass
					3.70	17.881	0.0102	-2.5 to 2.5	Pass
					4.20	18.783	0.0107	-2.5 to 2.5	Pass
				-30	3.70	14.863	0.0085	-2.5 to 2.5	Pass
				-20	3.70	19.383	0.0110	-2.5 to 2.5	Pass
				-10	3.70	18.897	0.0108	-2.5 to 2.5	Pass
				0	3.70	18.754	0.0107	-2.5 to 2.5	Pass
				10	3.70	17.195	0.0098	-2.5 to 2.5	Pass
				30	3.70	14.019	0.0080	-2.5 to 2.5	Pass
				40	3.70	17.395	0.0099	-2.5 to 2.5	Pass
				50	3.70	15.621	0.0089	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.40	20.313	0.0119	-2.5 to 2.5	Pass
					3.70	16.208	0.0095	-2.5 to 2.5	Pass
					4.20	17.409	0.0102	-2.5 to 2.5	Pass
				-30	3.70	18.096	0.0106	-2.5 to 2.5	Pass
				-20	3.70	18.311	0.0107	-2.5 to 2.5	Pass
				-10	3.70	16.279	0.0095	-2.5 to 2.5	Pass
				0	3.70	17.195	0.0101	-2.5 to 2.5	Pass
				10	3.70	15.707	0.0092	-2.5 to 2.5	Pass
				30	3.70	16.451	0.0096	-2.5 to 2.5	Pass
				40	3.70	14.949	0.0087	-2.5 to 2.5	Pass
				50	3.70	16.193	0.0095	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.40	15.736	0.0091	-2.5 to 2.5	Pass
					3.70	-12.302	-0.0071	-2.5 to 2.5	Pass

					4.20	-16.708	-0.0096	-2.5 to 2.5	Pass
				-30	3.70	-13.504	-0.0078	-2.5 to 2.5	Pass
				-20	3.70	-10.700	-0.0062	-2.5 to 2.5	Pass
				-10	3.70	-12.589	-0.0073	-2.5 to 2.5	Pass
				0	3.70	6.380	0.0037	-2.5 to 2.5	Pass
				10	3.70	18.511	0.0107	-2.5 to 2.5	Pass
				30	3.70	16.451	0.0095	-2.5 to 2.5	Pass
				40	3.70	10.428	0.0060	-2.5 to 2.5	Pass
	1754.3	6	0	50	3.70	16.351	0.0094	-2.5 to 2.5	Pass
				20	3.40	12.331	0.0070	-2.5 to 2.5	Pass
					3.70	-14.620	-0.0083	-2.5 to 2.5	Pass
					4.20	-15.764	-0.0090	-2.5 to 2.5	Pass
				-30	3.70	-10.886	-0.0062	-2.5 to 2.5	Pass
				-20	3.70	-16.637	-0.0095	-2.5 to 2.5	Pass
				-10	3.70	-14.906	-0.0085	-2.5 to 2.5	Pass
				0	3.70	-9.098	-0.0052	-2.5 to 2.5	Pass
				10	3.70	-7.854	-0.0045	-2.5 to 2.5	Pass
				30	3.70	-11.201	-0.0064	-2.5 to 2.5	Pass
				40	3.70	-10.715	-0.0061	-2.5 to 2.5	Pass
				50	3.70	-13.433	-0.0077	-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	3.40	-16.565	-0.0097	-2.5 to 2.5	Pass
					3.70	20.041	0.0117	-2.5 to 2.5	Pass
					4.20	18.268	0.0107	-2.5 to 2.5	Pass
				-30	3.70	16.665	0.0097	-2.5 to 2.5	Pass
				-20	3.70	17.295	0.0101	-2.5 to 2.5	Pass
				-10	3.70	17.366	0.0101	-2.5 to 2.5	Pass
				0	3.70	18.053	0.0105	-2.5 to 2.5	Pass
				10	3.70	15.450	0.0090	-2.5 to 2.5	Pass
				30	3.70	15.221	0.0089	-2.5 to 2.5	Pass
				40	3.70	16.994	0.0099	-2.5 to 2.5	Pass
				50	3.70	17.109	0.0100	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.40	-21.300	-0.0123	-2.5 to 2.5	Pass
					3.70	18.253	0.0105	-2.5 to 2.5	Pass
					4.20	19.240	0.0111	-2.5 to 2.5	Pass
				-30	3.70	16.708	0.0096	-2.5 to 2.5	Pass
				-20	3.70	17.295	0.0100	-2.5 to 2.5	Pass
				-10	3.70	15.764	0.0091	-2.5 to 2.5	Pass
				0	3.70	18.239	0.0105	-2.5 to 2.5	Pass
				10	3.70	17.066	0.0099	-2.5 to 2.5	Pass
				30	3.70	17.967	0.0104	-2.5 to 2.5	Pass
				40	3.70	18.868	0.0109	-2.5 to 2.5	Pass
				50	3.70	18.196	0.0105	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.40	-13.261	-0.0076	-2.5 to 2.5	Pass
					3.70	18.024	0.0103	-2.5 to 2.5	Pass
					4.20	16.565	0.0094	-2.5 to 2.5	Pass
				-30	3.70	17.209	0.0098	-2.5 to 2.5	Pass
				-20	3.70	15.893	0.0091	-2.5 to 2.5	Pass
				-10	3.70	16.909	0.0096	-2.5 to 2.5	Pass
				0	3.70	17.366	0.0099	-2.5 to 2.5	Pass
				10	3.70	16.479	0.0094	-2.5 to 2.5	Pass
				30	3.70	16.723	0.0095	-2.5 to 2.5	Pass
				40	3.70	15.621	0.0089	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.40	14.319	0.0084	-2.5 to 2.5	Pass
					3.70	-16.665	-0.0097	-2.5 to 2.5	Pass
					4.20	-17.238	-0.0101	-2.5 to 2.5	Pass
				-30	3.70	-17.023	-0.0099	-2.5 to 2.5	Pass
				-20	3.70	-17.266	-0.0101	-2.5 to 2.5	Pass
				-10	3.70	-15.736	-0.0092	-2.5 to 2.5	Pass
				0	3.70	-20.556	-0.0120	-2.5 to 2.5	Pass
				10	3.70	-16.866	-0.0099	-2.5 to 2.5	Pass
				30	3.70	-20.614	-0.0120	-2.5 to 2.5	Pass
				40	3.70	-18.382	-0.0107	-2.5 to 2.5	Pass
				50	3.70	-10.514	-0.0061	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.40	13.018	0.0075	-2.5 to 2.5	Pass
					3.70	-17.209	-0.0099	-2.5 to 2.5	Pass
					4.20	-18.940	-0.0109	-2.5 to 2.5	Pass
				-30	3.70	-16.007	-0.0092	-2.5 to 2.5	Pass
				-20	3.70	-17.095	-0.0099	-2.5 to 2.5	Pass
				-10	3.70	-15.149	-0.0087	-2.5 to 2.5	Pass
				0	3.70	-17.667	-0.0102	-2.5 to 2.5	Pass

				10	3.70	-11.373	-0.0066	-2.5 to 2.5	Pass
				30	3.70	-13.947	-0.0081	-2.5 to 2.5	Pass
				40	3.70	-13.261	-0.0077	-2.5 to 2.5	Pass
				50	3.70	-13.218	-0.0076	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.40	13.318	0.0076	-2.5 to 2.5	Pass
					3.70	-17.838	-0.0102	-2.5 to 2.5	Pass
					4.20	-14.691	-0.0084	-2.5 to 2.5	Pass
				-30	3.70	-15.721	-0.0090	-2.5 to 2.5	Pass
				-20	3.70	-15.321	-0.0087	-2.5 to 2.5	Pass
				-10	3.70	-16.594	-0.0095	-2.5 to 2.5	Pass
				0	3.70	-15.550	-0.0089	-2.5 to 2.5	Pass
				10	3.70	-17.838	-0.0102	-2.5 to 2.5	Pass
				30	3.70	-15.264	-0.0087	-2.5 to 2.5	Pass
				40	3.70	-12.431	-0.0071	-2.5 to 2.5	Pass
				50	3.70	-11.888	-0.0068	-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	3.40	12.960	0.0076	-2.5 to 2.5	Pass
					3.70	21.787	0.0127	-2.5 to 2.5	Pass
					4.20	24.061	0.0141	-2.5 to 2.5	Pass
				-30	3.70	20.370	0.0119	-2.5 to 2.5	Pass
				-20	3.70	18.740	0.0109	-2.5 to 2.5	Pass
				-10	3.70	18.110	0.0106	-2.5 to 2.5	Pass
				0	3.70	19.040	0.0111	-2.5 to 2.5	Pass
				10	3.70	17.080	0.0100	-2.5 to 2.5	Pass
				30	3.70	18.325	0.0107	-2.5 to 2.5	Pass
				40	3.70	18.382	0.0107	-2.5 to 2.5	Pass
				50	3.70	16.422	0.0096	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.40	-14.219	-0.0082	-2.5 to 2.5	Pass
					3.70	15.936	0.0092	-2.5 to 2.5	Pass
					4.20	19.069	0.0110	-2.5 to 2.5	Pass
				-30	3.70	19.341	0.0112	-2.5 to 2.5	Pass
				-20	3.70	15.907	0.0092	-2.5 to 2.5	Pass
				-10	3.70	16.665	0.0096	-2.5 to 2.5	Pass
				0	3.70	17.567	0.0101	-2.5 to 2.5	Pass
				10	3.70	15.750	0.0091	-2.5 to 2.5	Pass
				30	3.70	15.507	0.0090	-2.5 to 2.5	Pass
				40	3.70	16.723	0.0097	-2.5 to 2.5	Pass
				50	3.70	21.744	0.0126	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.40	14.277	0.0081	-2.5 to 2.5	Pass
					3.70	14.906	0.0085	-2.5 to 2.5	Pass
					4.20	18.239	0.0104	-2.5 to 2.5	Pass
				-30	3.70	12.846	0.0073	-2.5 to 2.5	Pass
				-20	3.70	16.150	0.0092	-2.5 to 2.5	Pass
				-10	3.70	16.937	0.0097	-2.5 to 2.5	Pass
				0	3.70	16.165	0.0092	-2.5 to 2.5	Pass
				10	3.70	19.741	0.0113	-2.5 to 2.5	Pass
				30	3.70	16.637	0.0095	-2.5 to 2.5	Pass
				40	3.70	18.640	0.0106	-2.5 to 2.5	Pass
				50	3.70	15.507	0.0088	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.40	14.534	0.0085	-2.5 to 2.5	Pass

					3.70	-17.524	-0.0102	-2.5 to 2.5	Pass
					4.20	-18.983	-0.0111	-2.5 to 2.5	Pass
				-30	3.70	-10.071	-0.0059	-2.5 to 2.5	Pass
				-20	3.70	-16.036	-0.0094	-2.5 to 2.5	Pass
				-10	3.70	-9.971	-0.0058	-2.5 to 2.5	Pass
				0	3.70	-2.532	-0.0015	-2.5 to 2.5	Pass
				10	3.70	3.605	0.0021	-2.5 to 2.5	Pass
				30	3.70	8.297	0.0048	-2.5 to 2.5	Pass
				40	3.70	19.226	0.0112	-2.5 to 2.5	Pass
				50	3.70	17.724	0.0103	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.40	24.648	0.0142	-2.5 to 2.5	Pass
					3.70	22.445	0.0130	-2.5 to 2.5	Pass
					4.20	21.729	0.0125	-2.5 to 2.5	Pass
				-30	3.70	19.741	0.0114	-2.5 to 2.5	Pass
				-20	3.70	15.907	0.0092	-2.5 to 2.5	Pass
				-10	3.70	18.454	0.0107	-2.5 to 2.5	Pass
				0	3.70	19.770	0.0114	-2.5 to 2.5	Pass
				10	3.70	17.009	0.0098	-2.5 to 2.5	Pass
				30	3.70	16.408	0.0095	-2.5 to 2.5	Pass
				40	3.70	15.607	0.0090	-2.5 to 2.5	Pass
				50	3.70	17.266	0.0100	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.40	16.422	0.0094	-2.5 to 2.5	Pass
					3.70	-14.205	-0.0081	-2.5 to 2.5	Pass
					4.20	-15.635	-0.0089	-2.5 to 2.5	Pass
				-30	3.70	-15.779	-0.0090	-2.5 to 2.5	Pass
				-20	3.70	-17.738	-0.0101	-2.5 to 2.5	Pass
				-10	3.70	-17.266	-0.0099	-2.5 to 2.5	Pass
				0	3.70	-11.830	-0.0068	-2.5 to 2.5	Pass
				10	3.70	-13.075	-0.0075	-2.5 to 2.5	Pass
				30	3.70	-17.123	-0.0098	-2.5 to 2.5	Pass
				40	3.70	-10.128	-0.0058	-2.5 to 2.5	Pass
				50	3.70	11.373	0.0065	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.40	-18.153	-0.0106	-2.5 to 2.5	Pass
					3.70	16.580	0.0097	-2.5 to 2.5	Pass
					4.20	16.580	0.0097	-2.5 to 2.5	Pass
				-30	3.70	18.525	0.0108	-2.5 to 2.5	Pass
				-20	3.70	16.894	0.0099	-2.5 to 2.5	Pass
				-10	3.70	15.121	0.0088	-2.5 to 2.5	Pass
				0	3.70	17.438	0.0102	-2.5 to 2.5	Pass
				10	3.70	16.108	0.0094	-2.5 to 2.5	Pass
				30	3.70	16.608	0.0097	-2.5 to 2.5	Pass
				40	3.70	16.665	0.0097	-2.5 to 2.5	Pass
				50	3.70	16.065	0.0094	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.40	-6.852	-0.0040	-2.5 to 2.5	Pass
					3.70	20.957	0.0121	-2.5 to 2.5	Pass
					4.20	14.791	0.0085	-2.5 to 2.5	Pass
				-30	3.70	15.378	0.0089	-2.5 to 2.5	Pass
				-20	3.70	18.168	0.0105	-2.5 to 2.5	Pass
				-10	3.70	17.166	0.0099	-2.5 to 2.5	Pass

				0	3.70	15.106	0.0087	-2.5 to 2.5	Pass
				10	3.70	15.078	0.0087	-2.5 to 2.5	Pass
				30	3.70	17.867	0.0103	-2.5 to 2.5	Pass
				40	3.70	17.352	0.0100	-2.5 to 2.5	Pass
				50	3.70	16.379	0.0095	-2.5 to 2.5	Pass
	1750	50	0	20	3.40	-16.651	-0.0095	-2.5 to 2.5	Pass
					3.70	17.209	0.0098	-2.5 to 2.5	Pass
					4.20	20.199	0.0115	-2.5 to 2.5	Pass
				-30	3.70	18.339	0.0105	-2.5 to 2.5	Pass
				-20	3.70	17.881	0.0102	-2.5 to 2.5	Pass
				-10	3.70	14.663	0.0084	-2.5 to 2.5	Pass
				0	3.70	17.023	0.0097	-2.5 to 2.5	Pass
				10	3.70	18.497	0.0106	-2.5 to 2.5	Pass
				30	3.70	15.535	0.0089	-2.5 to 2.5	Pass
				40	3.70	14.191	0.0081	-2.5 to 2.5	Pass
				50	3.70	18.926	0.0108	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.40	2.246	0.0013	-2.5 to 2.5	Pass
					3.70	-18.296	-0.0107	-2.5 to 2.5	Pass
					4.20	-16.637	-0.0097	-2.5 to 2.5	Pass
				-30	3.70	-14.591	-0.0085	-2.5 to 2.5	Pass
				-20	3.70	-14.777	-0.0086	-2.5 to 2.5	Pass
				-10	3.70	-18.168	-0.0106	-2.5 to 2.5	Pass
				0	3.70	-17.710	-0.0103	-2.5 to 2.5	Pass
				10	3.70	-15.092	-0.0088	-2.5 to 2.5	Pass
				30	3.70	-16.050	-0.0094	-2.5 to 2.5	Pass
				40	3.70	-13.690	-0.0080	-2.5 to 2.5	Pass
				50	3.70	-11.272	-0.0066	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.40	5.951	0.0034	-2.5 to 2.5	Pass
					3.70	-14.935	-0.0086	-2.5 to 2.5	Pass
					4.20	-14.434	-0.0083	-2.5 to 2.5	Pass
				-30	3.70	-16.823	-0.0097	-2.5 to 2.5	Pass
				-20	3.70	-16.208	-0.0094	-2.5 to 2.5	Pass
				-10	3.70	-15.421	-0.0089	-2.5 to 2.5	Pass
				0	3.70	-16.794	-0.0097	-2.5 to 2.5	Pass
				10	3.70	-15.764	-0.0091	-2.5 to 2.5	Pass
				30	3.70	-16.580	-0.0096	-2.5 to 2.5	Pass
				40	3.70	-15.521	-0.0090	-2.5 to 2.5	Pass
				50	3.70	-16.708	-0.0096	-2.5 to 2.5	Pass
	1750	27	23	20	3.40	13.189	0.0075	-2.5 to 2.5	Pass
					3.70	-17.838	-0.0102	-2.5 to 2.5	Pass
					4.20	-15.564	-0.0089	-2.5 to 2.5	Pass
				-30	3.70	-14.791	-0.0085	-2.5 to 2.5	Pass
				-20	3.70	-15.049	-0.0086	-2.5 to 2.5	Pass
				-10	3.70	-13.647	-0.0078	-2.5 to 2.5	Pass
				0	3.70	-16.608	-0.0095	-2.5 to 2.5	Pass
				10	3.70	-13.046	-0.0075	-2.5 to 2.5	Pass
				30	3.70	-14.033	-0.0080	-2.5 to 2.5	Pass
				40	3.70	-13.790	-0.0079	-2.5 to 2.5	Pass
				50	3.70	-15.063	-0.0086	-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	3.40	23.861	0.0139	-2.5 to 2.5	Pass
					3.70	19.698	0.0115	-2.5 to 2.5	Pass
					4.20	24.419	0.0142	-2.5 to 2.5	Pass
				-30	3.70	24.962	0.0145	-2.5 to 2.5	Pass
				-20	3.70	21.844	0.0127	-2.5 to 2.5	Pass
				-10	3.70	21.858	0.0127	-2.5 to 2.5	Pass
				0	3.70	20.571	0.0120	-2.5 to 2.5	Pass
				10	3.70	22.788	0.0133	-2.5 to 2.5	Pass
				30	3.70	23.804	0.0139	-2.5 to 2.5	Pass
				40	3.70	19.827	0.0115	-2.5 to 2.5	Pass
				50	3.70	21.329	0.0124	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.40	18.139	0.0105	-2.5 to 2.5	Pass
					3.70	22.459	0.0130	-2.5 to 2.5	Pass
					4.20	23.932	0.0138	-2.5 to 2.5	Pass
				-30	3.70	22.502	0.0130	-2.5 to 2.5	Pass
				-20	3.70	21.143	0.0122	-2.5 to 2.5	Pass
				-10	3.70	18.168	0.0105	-2.5 to 2.5	Pass
				0	3.70	19.712	0.0114	-2.5 to 2.5	Pass
				10	3.70	18.139	0.0105	-2.5 to 2.5	Pass
				30	3.70	23.446	0.0135	-2.5 to 2.5	Pass
				40	3.70	21.658	0.0125	-2.5 to 2.5	Pass
				50	3.70	19.441	0.0112	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.40	20.642	0.0118	-2.5 to 2.5	Pass
					3.70	23.832	0.0136	-2.5 to 2.5	Pass
					4.20	24.276	0.0139	-2.5 to 2.5	Pass
				-30	3.70	22.073	0.0126	-2.5 to 2.5	Pass
				-20	3.70	24.705	0.0141	-2.5 to 2.5	Pass
				-10	3.70	23.232	0.0133	-2.5 to 2.5	Pass
				0	3.70	22.545	0.0129	-2.5 to 2.5	Pass
				10	3.70	19.412	0.0111	-2.5 to 2.5	Pass
				30	3.70	18.168	0.0104	-2.5 to 2.5	Pass
				40	3.70	21.029	0.0120	-2.5 to 2.5	Pass
				50	3.70	22.645	0.0130	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.40	18.368	0.0107	-2.5 to 2.5	Pass
					3.70	17.323	0.0101	-2.5 to 2.5	Pass
					4.20	18.682	0.0109	-2.5 to 2.5	Pass
				-30	3.70	18.039	0.0105	-2.5 to 2.5	Pass
				-20	3.70	14.262	0.0083	-2.5 to 2.5	Pass
				-10	3.70	17.581	0.0102	-2.5 to 2.5	Pass
				0	3.70	16.193	0.0094	-2.5 to 2.5	Pass
				10	3.70	18.482	0.0108	-2.5 to 2.5	Pass
				30	3.70	18.625	0.0108	-2.5 to 2.5	Pass
				40	3.70	19.741	0.0115	-2.5 to 2.5	Pass
				50	3.70	18.182	0.0106	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.40	17.810	0.0103	-2.5 to 2.5	Pass
					3.70	14.634	0.0084	-2.5 to 2.5	Pass
					4.20	17.910	0.0103	-2.5 to 2.5	Pass
				-30	3.70	17.595	0.0102	-2.5 to 2.5	Pass
				-20	3.70	18.039	0.0104	-2.5 to 2.5	Pass
				-10	3.70	18.139	0.0105	-2.5 to 2.5	Pass
				0	3.70	16.336	0.0094	-2.5 to 2.5	Pass

				10	3.70	18.196	0.0105	-2.5 to 2.5	Pass
				30	3.70	16.150	0.0093	-2.5 to 2.5	Pass
				40	3.70	14.920	0.0086	-2.5 to 2.5	Pass
				50	3.70	14.920	0.0086	-2.5 to 2.5	Pass
	1747.5	27	48	20	3.40	15.249	0.0087	-2.5 to 2.5	Pass
					3.70	15.607	0.0089	-2.5 to 2.5	Pass
					4.20	17.653	0.0101	-2.5 to 2.5	Pass
				-30	3.70	16.351	0.0094	-2.5 to 2.5	Pass
				-20	3.70	16.065	0.0092	-2.5 to 2.5	Pass
				-10	3.70	16.522	0.0095	-2.5 to 2.5	Pass
				0	3.70	18.196	0.0104	-2.5 to 2.5	Pass
				10	3.70	17.910	0.0102	-2.5 to 2.5	Pass
				30	3.70	17.552	0.0100	-2.5 to 2.5	Pass
				40	3.70	17.824	0.0102	-2.5 to 2.5	Pass
				50	3.70	18.711	0.0107	-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	3.40	20.928	0.0122	-2.5 to 2.5	Pass
					3.70	17.252	0.0100	-2.5 to 2.5	Pass
					4.20	23.489	0.0137	-2.5 to 2.5	Pass
				-30	3.70	21.858	0.0127	-2.5 to 2.5	Pass
				-20	3.70	19.770	0.0115	-2.5 to 2.5	Pass
				-10	3.70	18.797	0.0109	-2.5 to 2.5	Pass
				0	3.70	21.844	0.0127	-2.5 to 2.5	Pass
				10	3.70	18.940	0.0110	-2.5 to 2.5	Pass
				30	3.70	22.087	0.0128	-2.5 to 2.5	Pass
				40	3.70	20.914	0.0122	-2.5 to 2.5	Pass
				50	3.70	18.497	0.0108	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.40	22.430	0.0129	-2.5 to 2.5	Pass
					3.70	24.676	0.0142	-2.5 to 2.5	Pass
					4.20	24.176	0.0140	-2.5 to 2.5	Pass
				-30	3.70	22.359	0.0129	-2.5 to 2.5	Pass
				-20	3.70	20.342	0.0117	-2.5 to 2.5	Pass
				-10	3.70	22.931	0.0132	-2.5 to 2.5	Pass
				0	3.70	19.269	0.0111	-2.5 to 2.5	Pass
				10	3.70	19.798	0.0114	-2.5 to 2.5	Pass
				30	3.70	19.569	0.0113	-2.5 to 2.5	Pass
				40	3.70	19.641	0.0113	-2.5 to 2.5	Pass
				50	3.70	18.282	0.0106	-2.5 to 2.5	Pass
	1745	100	0	20	3.40	17.967	0.0103	-2.5 to 2.5	Pass
					3.70	22.774	0.0131	-2.5 to 2.5	Pass
					4.20	25.134	0.0144	-2.5 to 2.5	Pass
				-30	3.70	22.488	0.0129	-2.5 to 2.5	Pass
				-20	3.70	24.233	0.0139	-2.5 to 2.5	Pass
				-10	3.70	20.142	0.0115	-2.5 to 2.5	Pass
				0	3.70	23.346	0.0134	-2.5 to 2.5	Pass
				10	3.70	21.472	0.0123	-2.5 to 2.5	Pass
				30	3.70	20.113	0.0115	-2.5 to 2.5	Pass
				40	3.70	18.554	0.0106	-2.5 to 2.5	Pass
				50	3.70	20.742	0.0119	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.40	17.753	0.0103	-2.5 to 2.5	Pass

					3.70	18.497	0.0108	-2.5 to 2.5	Pass
					4.20	16.894	0.0098	-2.5 to 2.5	Pass
				-30	3.70	18.725	0.0109	-2.5 to 2.5	Pass
				-20	3.70	17.524	0.0102	-2.5 to 2.5	Pass
				-10	3.70	17.195	0.0100	-2.5 to 2.5	Pass
				0	3.70	17.495	0.0102	-2.5 to 2.5	Pass
				10	3.70	19.126	0.0111	-2.5 to 2.5	Pass
				30	3.70	17.667	0.0103	-2.5 to 2.5	Pass
				40	3.70	16.322	0.0095	-2.5 to 2.5	Pass
				50	3.70	18.826	0.0109	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.40	20.700	0.0119	-2.5 to 2.5	Pass
					3.70	18.926	0.0109	-2.5 to 2.5	Pass
					4.20	17.395	0.0100	-2.5 to 2.5	Pass
				-30	3.70	16.294	0.0094	-2.5 to 2.5	Pass
				-20	3.70	18.210	0.0105	-2.5 to 2.5	Pass
				-10	3.70	17.424	0.0101	-2.5 to 2.5	Pass
				0	3.70	17.881	0.0103	-2.5 to 2.5	Pass
				10	3.70	16.851	0.0097	-2.5 to 2.5	Pass
				30	3.70	17.095	0.0099	-2.5 to 2.5	Pass
				40	3.70	17.567	0.0101	-2.5 to 2.5	Pass
				50	3.70	15.292	0.0088	-2.5 to 2.5	Pass
	1745	27	73	20	3.40	15.364	0.0088	-2.5 to 2.5	Pass
					3.70	16.365	0.0094	-2.5 to 2.5	Pass
					4.20	17.123	0.0098	-2.5 to 2.5	Pass
				-30	3.70	16.122	0.0092	-2.5 to 2.5	Pass
				-20	3.70	14.548	0.0083	-2.5 to 2.5	Pass
				-10	3.70	16.866	0.0097	-2.5 to 2.5	Pass
				0	3.70	15.607	0.0089	-2.5 to 2.5	Pass
				10	3.70	17.910	0.0103	-2.5 to 2.5	Pass
				30	3.70	15.850	0.0091	-2.5 to 2.5	Pass
				40	3.70	17.452	0.0100	-2.5 to 2.5	Pass
				50	3.70	16.479	0.0094	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.114	/	Pass
		1732.5	6	0	1.108	/	Pass
		1754.3	6	0	1.108	/	Pass
3	QPSK	1711.5	15	0	2.738	/	Pass
		1732.5	15	0	2.730	/	Pass
		1753.5	15	0	2.740	/	Pass
	16QAM	1711.5	15	0	2.733	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.720	/	Pass

5	QPSK	1712.5	25	0	4.550	/	Pass
		1732.5	25	0	4.542	/	Pass
		1752.5	25	0	4.538	/	Pass
	16QAM	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.555	/	Pass
		1752.5	25	0	4.537	/	Pass
10	QPSK	1715	50	0	9.038	/	Pass
		1732.5	50	0	9.022	/	Pass
		1750	50	0	9.055	/	Pass
	16QAM	1715	27	0	5.043	/	Pass
		1732.5	27	0	5.041	/	Pass
		1750	27	23	5.060	/	Pass
15	QPSK	1717.5	75	0	13.547	/	Pass
		1732.5	75	0	13.550	/	Pass
		1747.5	75	0	13.539	/	Pass
	16QAM	1717.5	27	0	5.219	/	Pass
		1732.5	27	0	5.229	/	Pass
		1747.5	27	48	5.231	/	Pass
20	QPSK	1720	100	0	18.052	/	Pass
		1732.5	100	0	18.087	/	Pass
		1745	100	0	18.098	/	Pass
	16QAM	1720	27	0	5.461	/	Pass
		1732.5	27	0	5.453	/	Pass
		1745	27	73	5.422	/	Pass

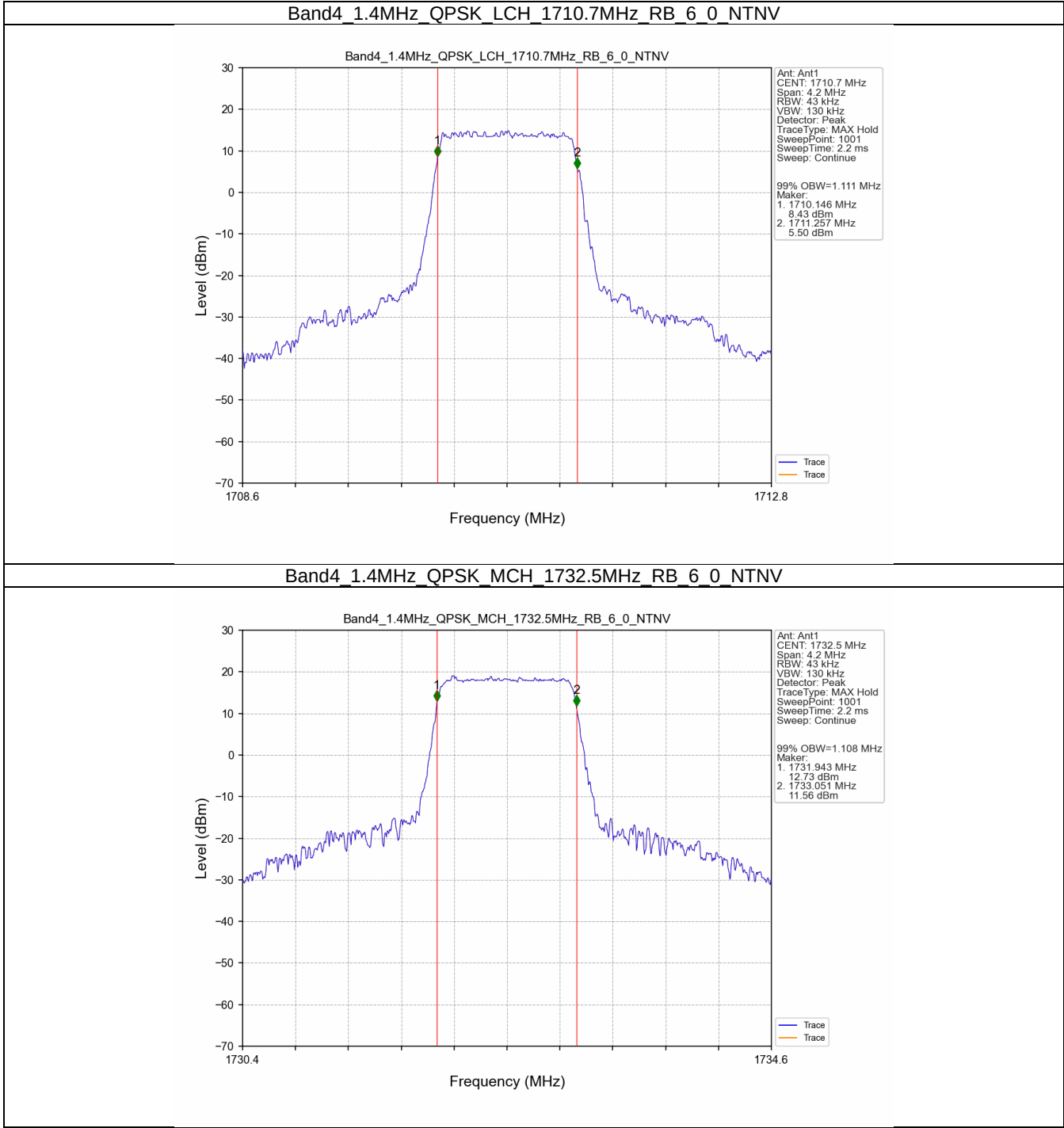
3.1.2 Band4_XDB

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	1.306	/	Pass
		1732.5	6	0	1.315	/	Pass
		1754.3	6	0	1.315	/	Pass
	16QAM	1710.7	6	0	1.292	/	Pass
		1732.5	6	0	1.319	/	Pass
		1754.3	6	0	1.315	/	Pass
3	QPSK	1711.5	15	0	3.019	/	Pass
		1732.5	15	0	3.021	/	Pass
		1753.5	15	0	3.033	/	Pass
	16QAM	1711.5	15	0	3.012	/	Pass
		1732.5	15	0	3.027	/	Pass
		1753.5	15	0	3.017	/	Pass
5	QPSK	1712.5	25	0	5.049	/	Pass
		1732.5	25	0	5.019	/	Pass
		1752.5	25	0	5.020	/	Pass
	16QAM	1712.5	25	0	5.033	/	Pass
		1732.5	25	0	5.046	/	Pass
		1752.5	25	0	5.042	/	Pass
10	QPSK	1715	50	0	9.953	/	Pass
		1732.5	50	0	9.879	/	Pass
		1750	50	0	9.992	/	Pass
	16QAM	1715	27	0	5.791	/	Pass
		1732.5	27	0	5.815	/	Pass
		1750	27	23	5.838	/	Pass
15	QPSK	1717.5	75	0	14.736	/	Pass

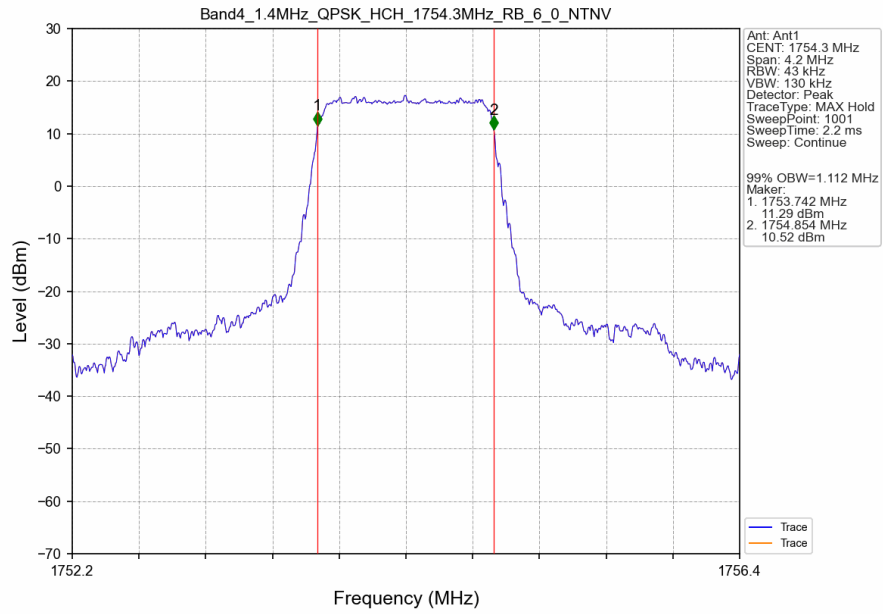
		1732.5	75	0	14.821	/	Pass
		1747.5	75	0	14.731	/	Pass
	16QAM	1717.5	27	0	6.288	/	Pass
		1732.5	27	0	6.187	/	Pass
		1747.5	27	48	6.178	/	Pass
20	QPSK	1720	100	0	19.499	/	Pass
		1732.5	100	0	19.501	/	Pass
		1745	100	0	19.487	/	Pass
	16QAM	1720	27	0	6.463	/	Pass
		1732.5	27	0	6.408	/	Pass
		1745	27	73	6.438	/	Pass

3.2 Test Graph

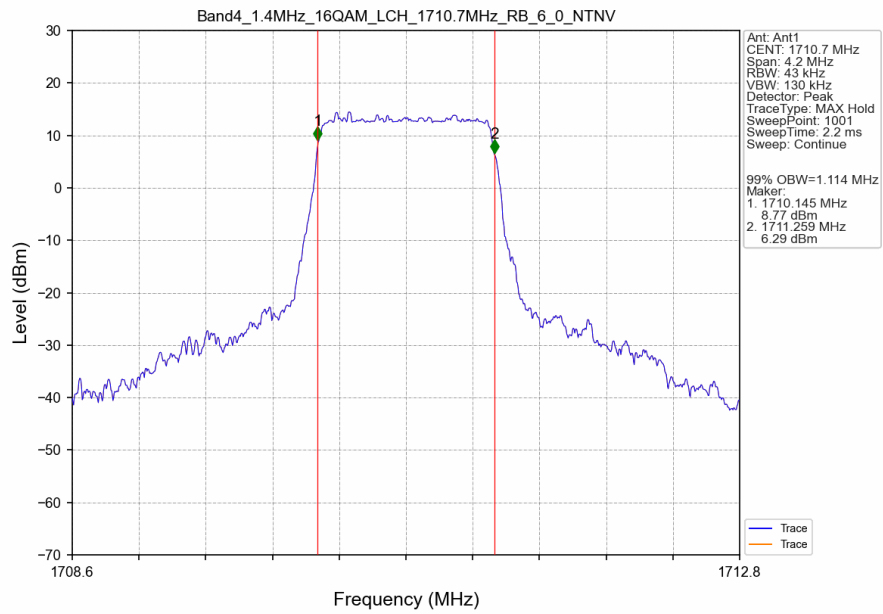
3.2.1 Band4_OBW



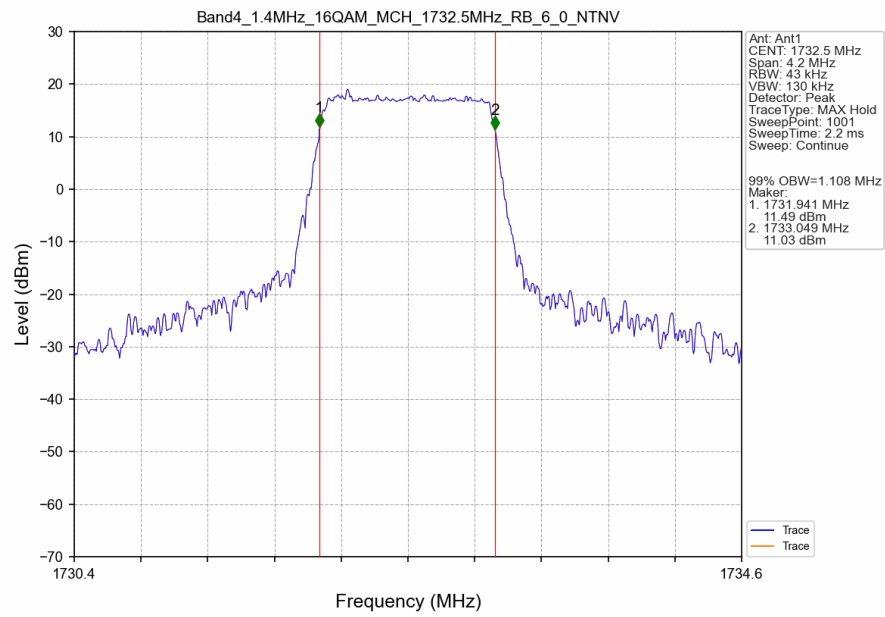
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



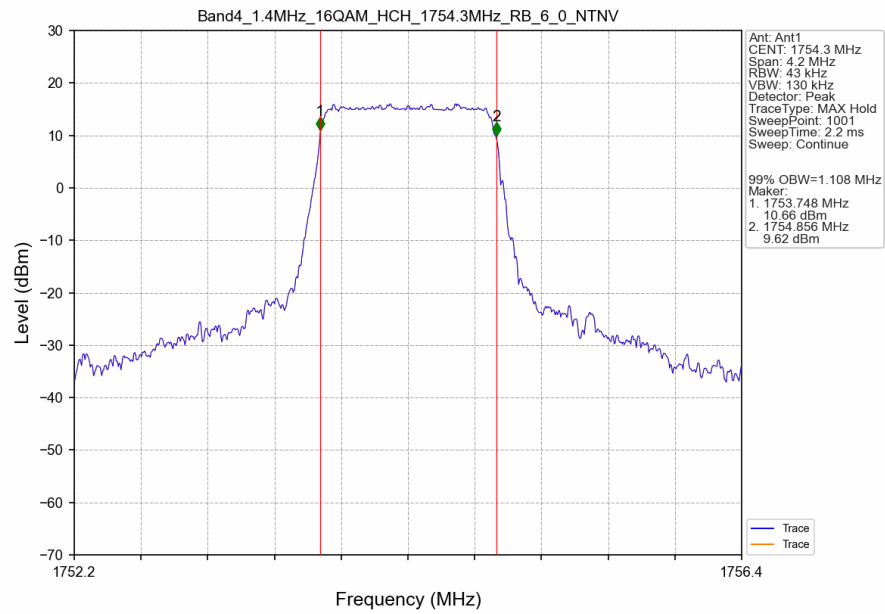
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



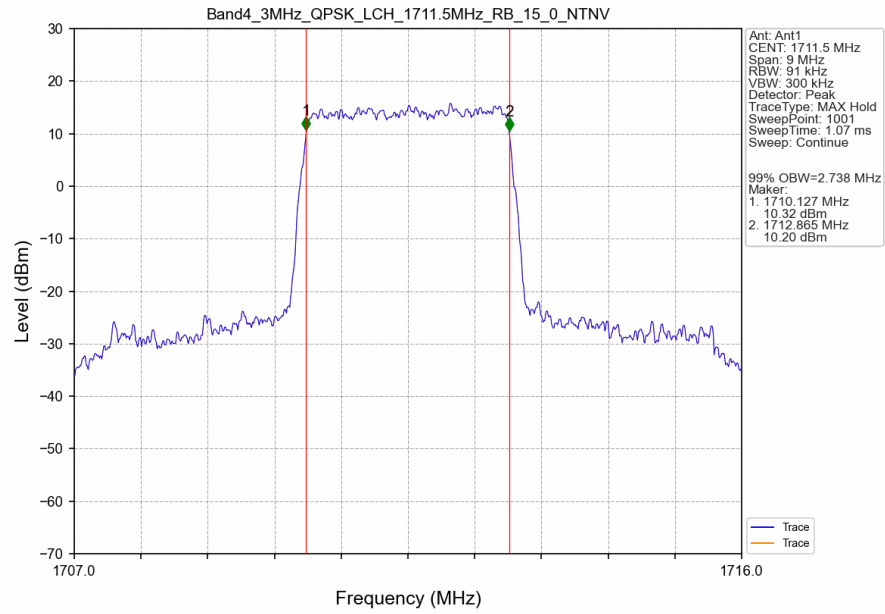
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6_0 NTN



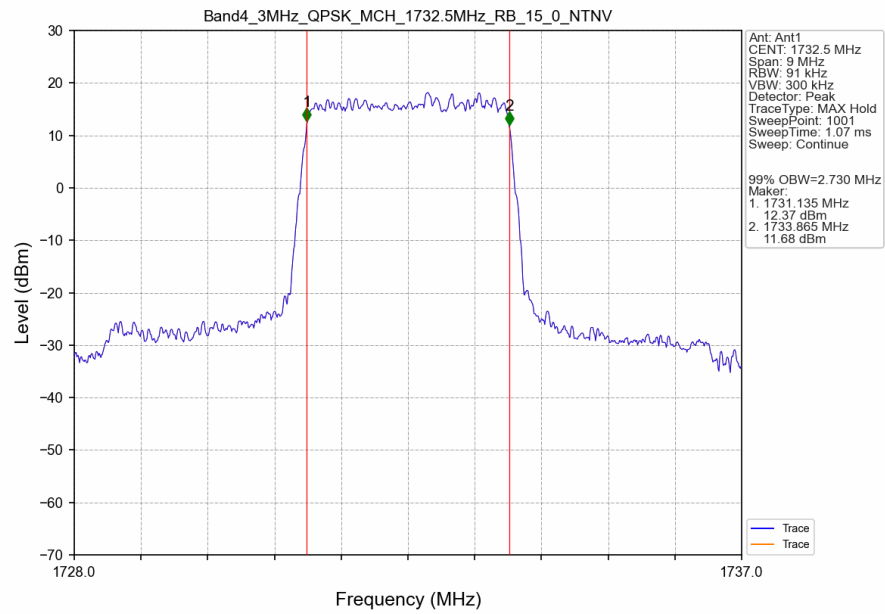
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6_0 NTN



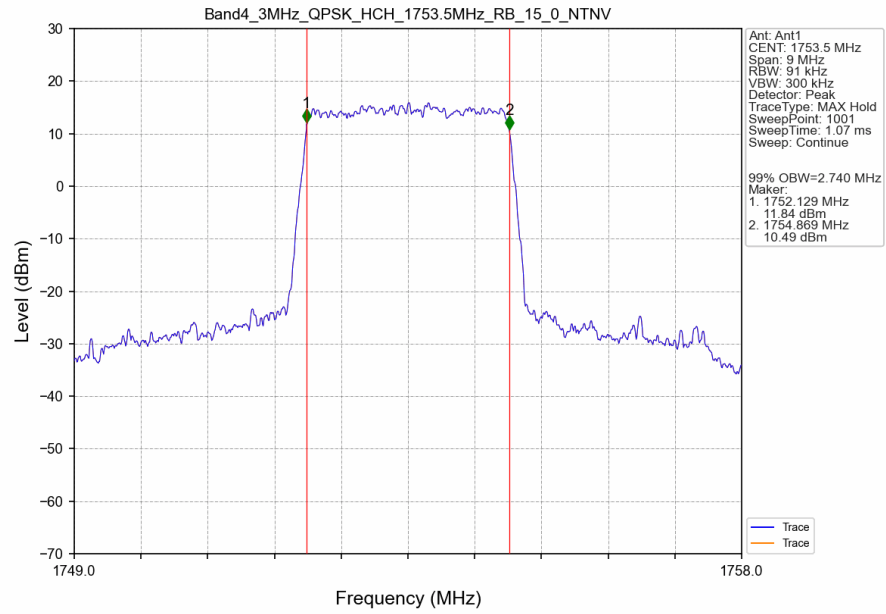
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



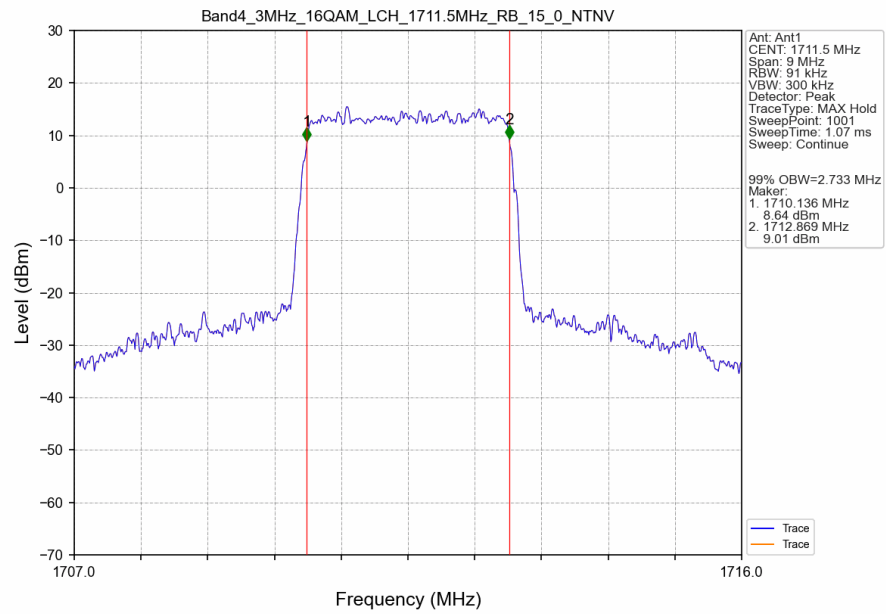
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



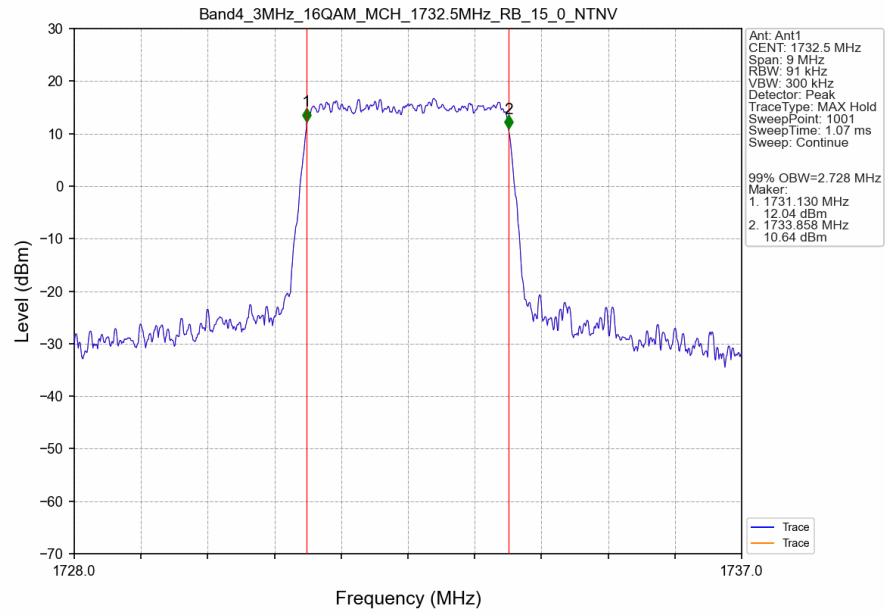
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



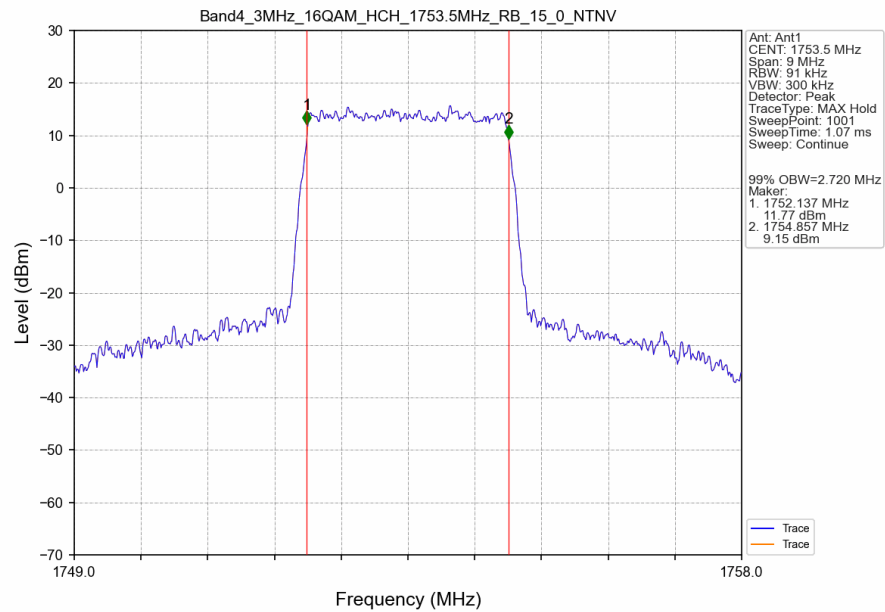
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



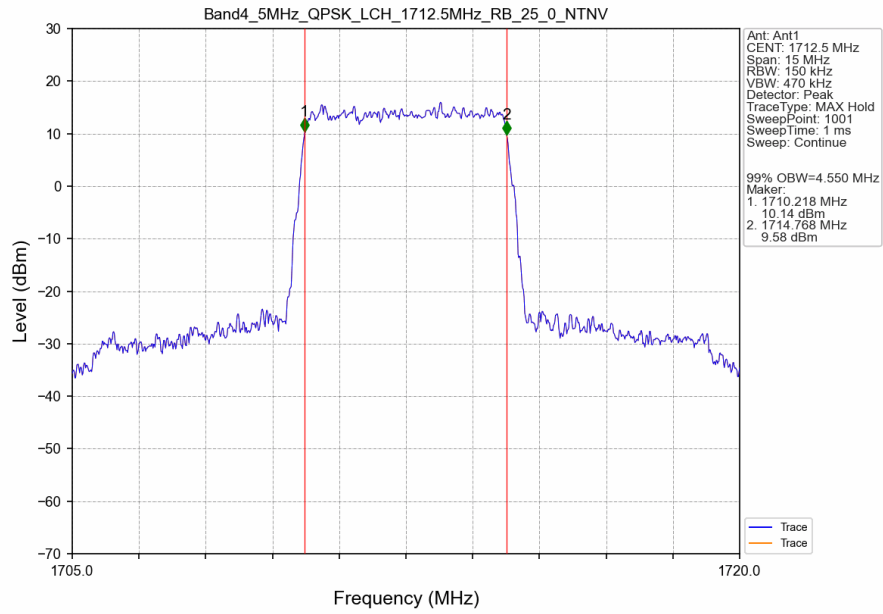
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



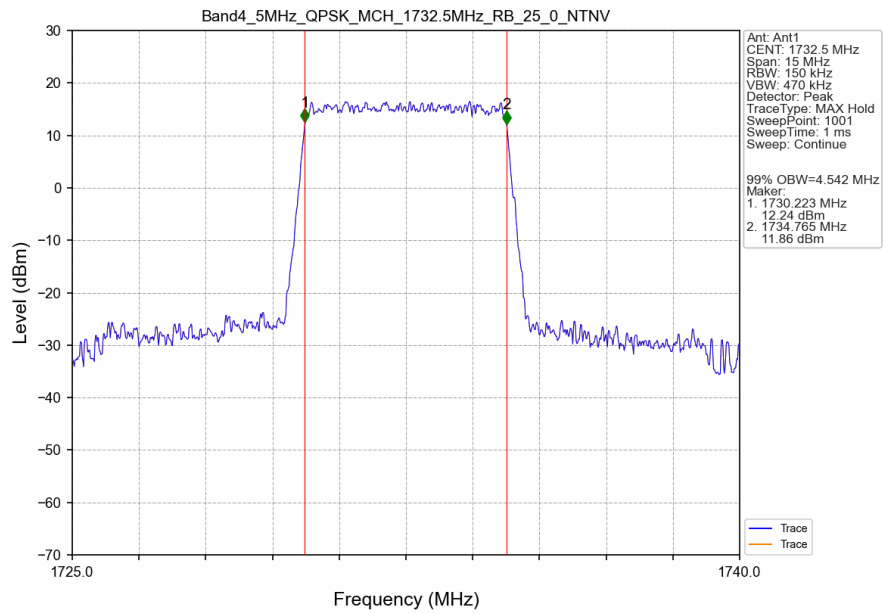
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



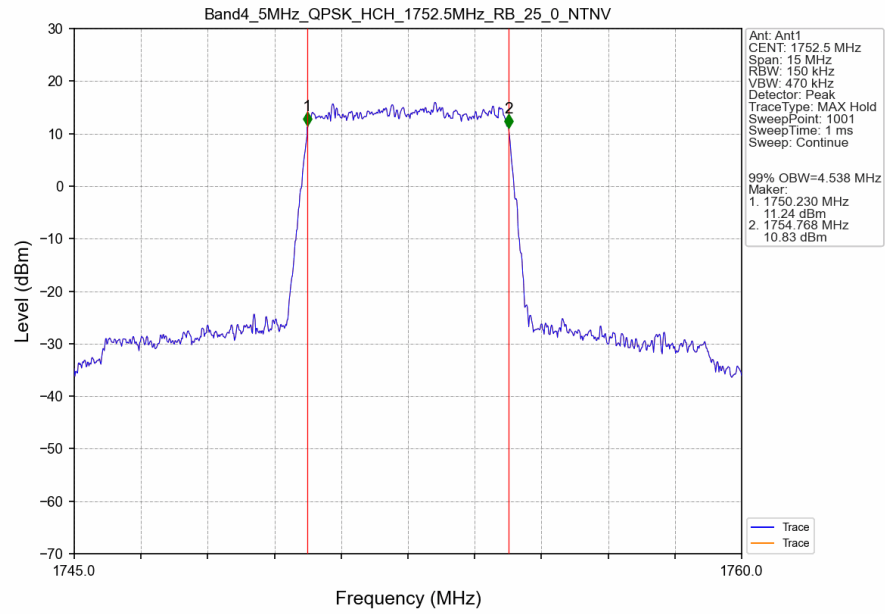
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTNV



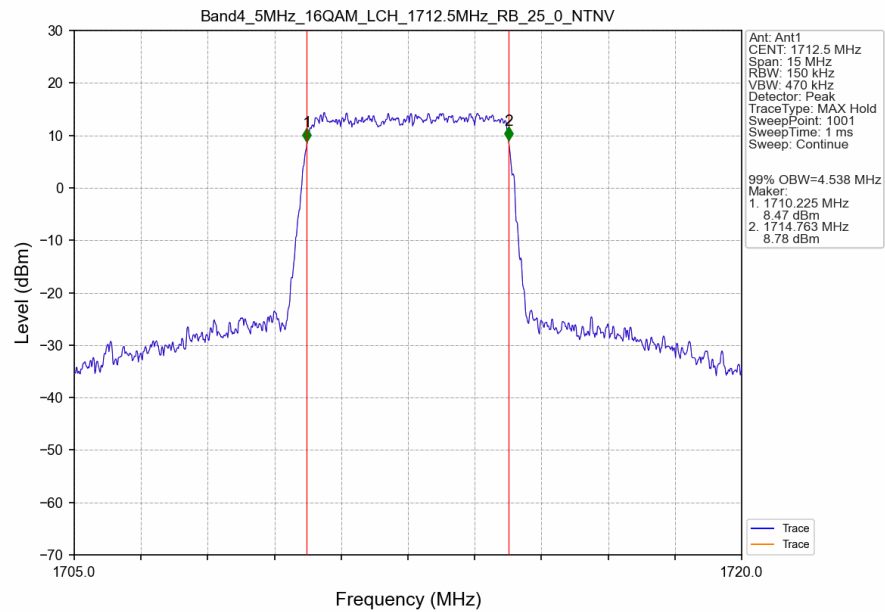
Band4 5MHz QPSK MCH 1732.5MHz RB 25_0 NTNV



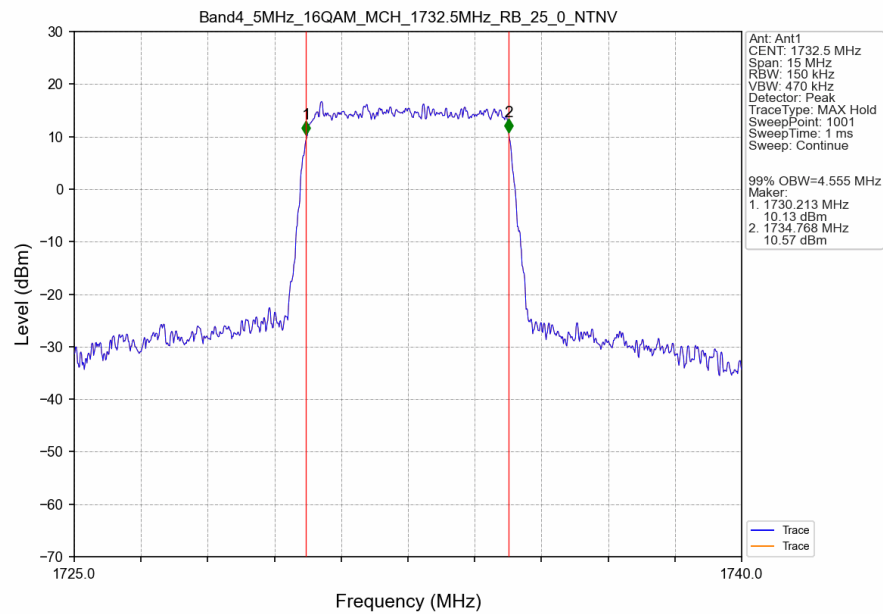
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



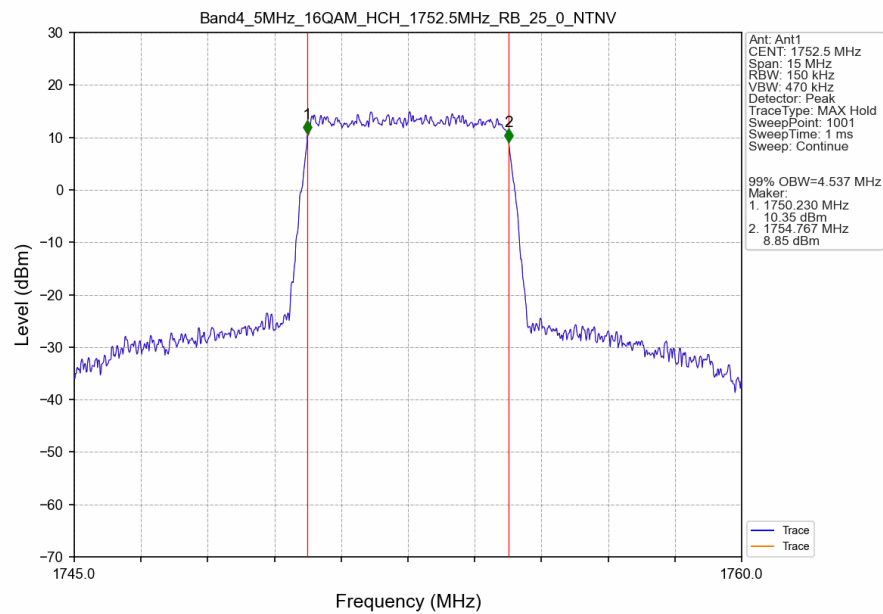
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



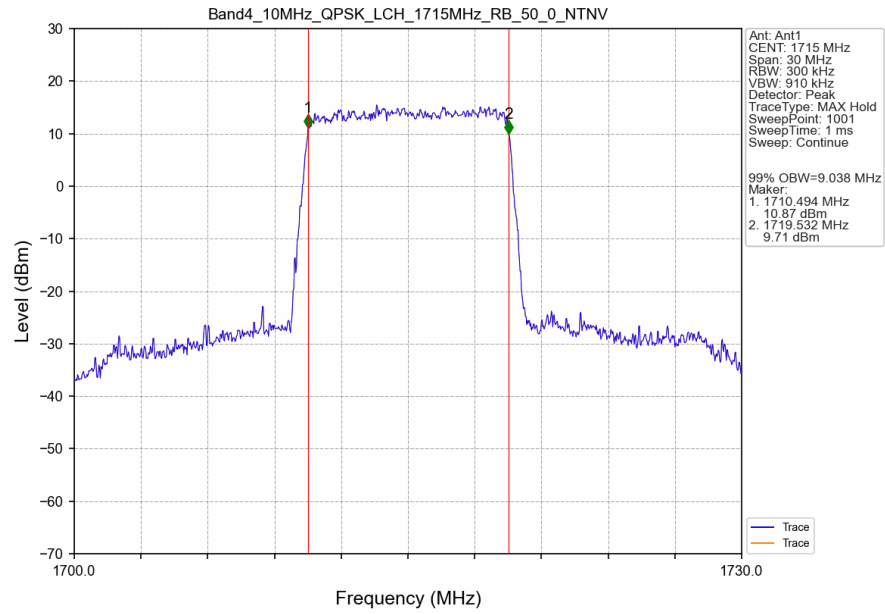
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



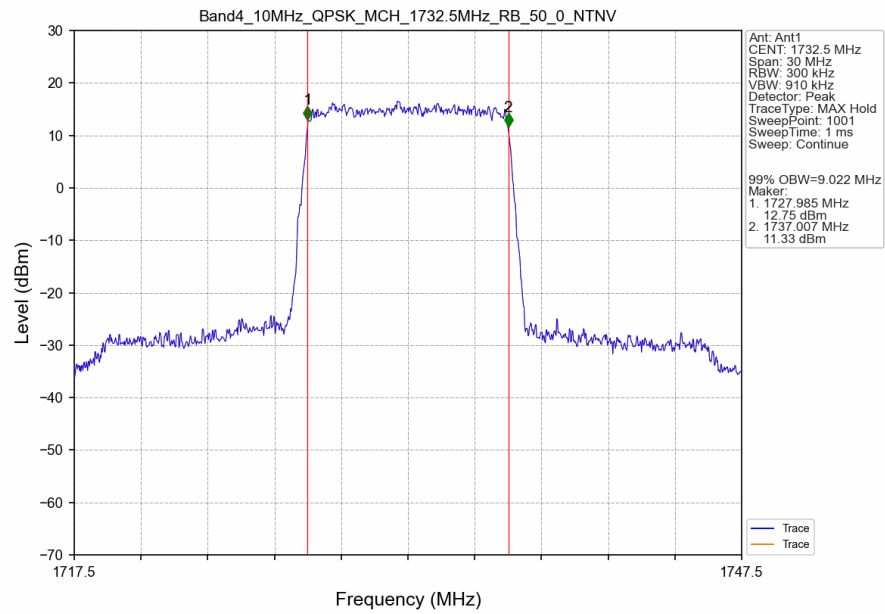
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



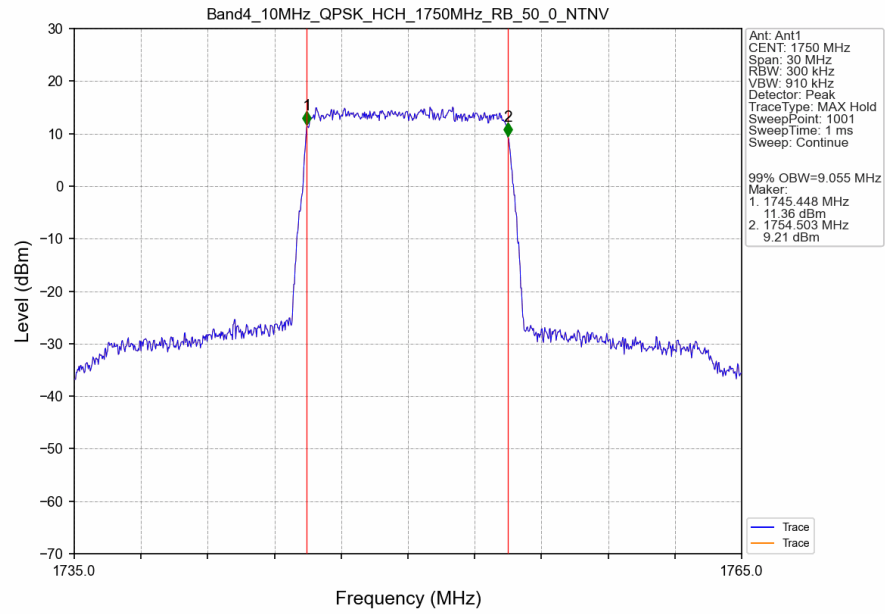
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



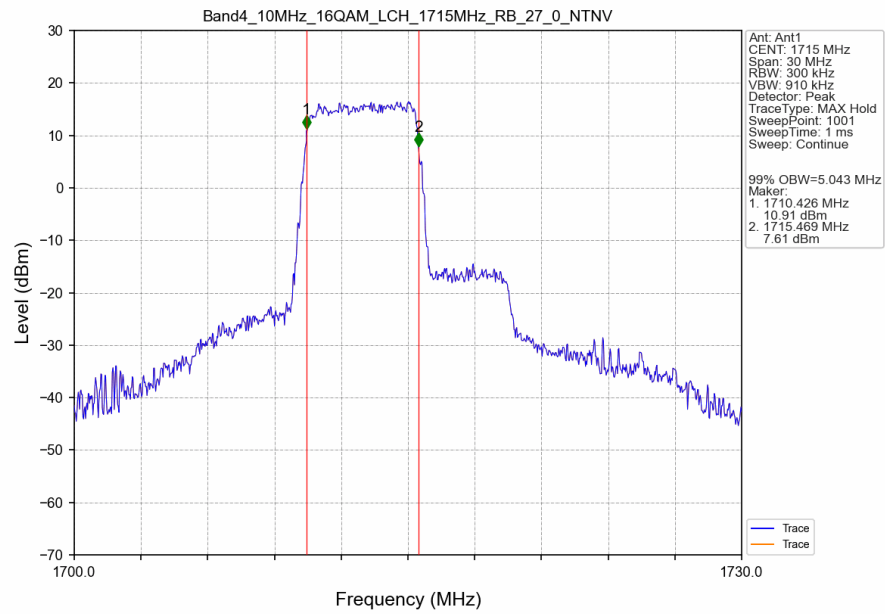
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



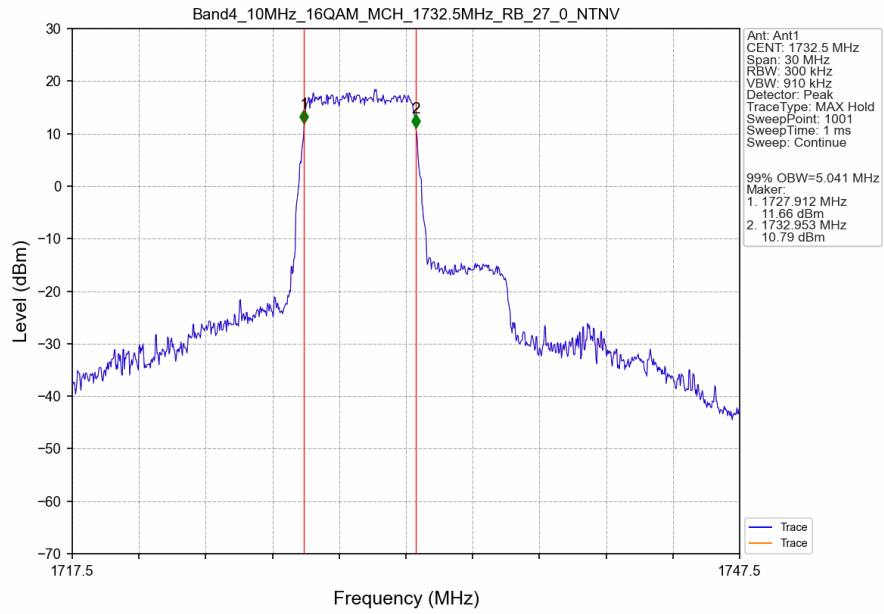
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



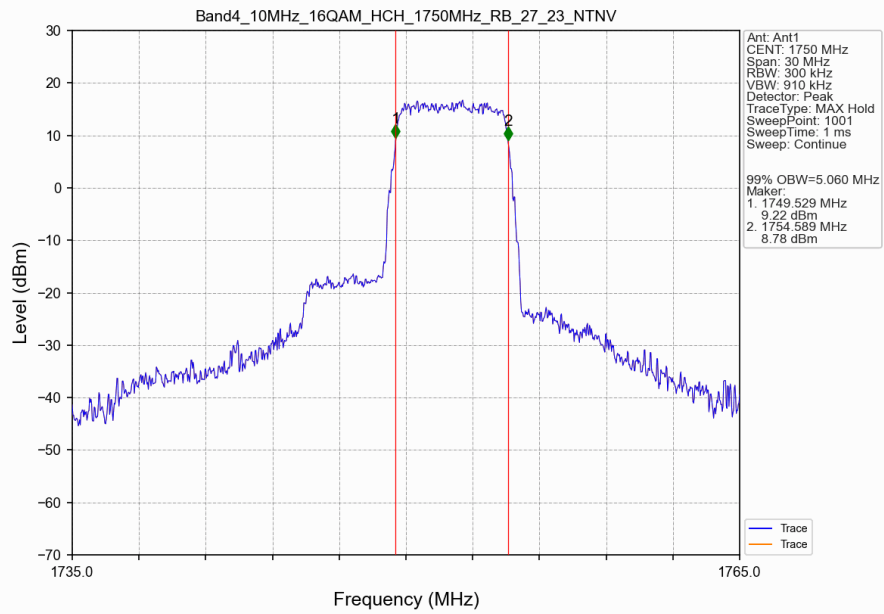
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



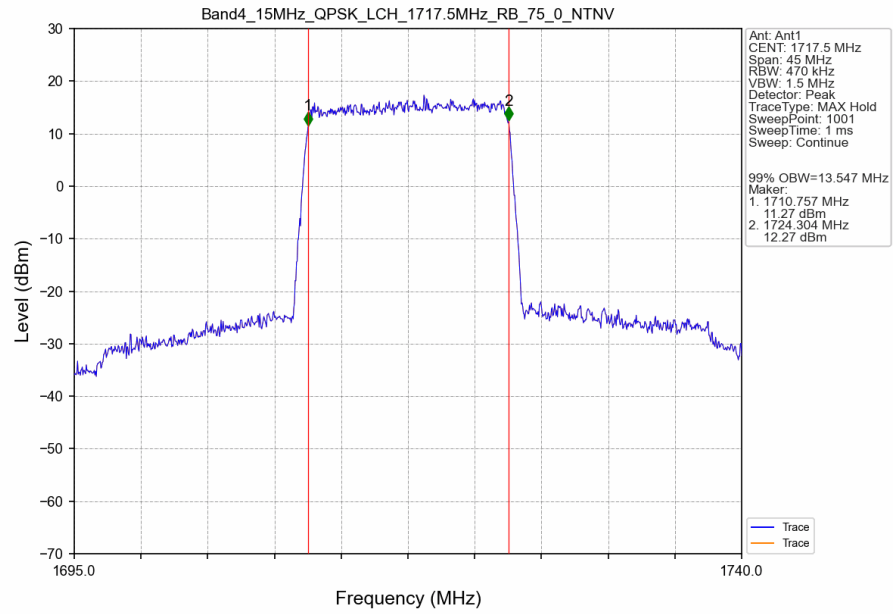
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



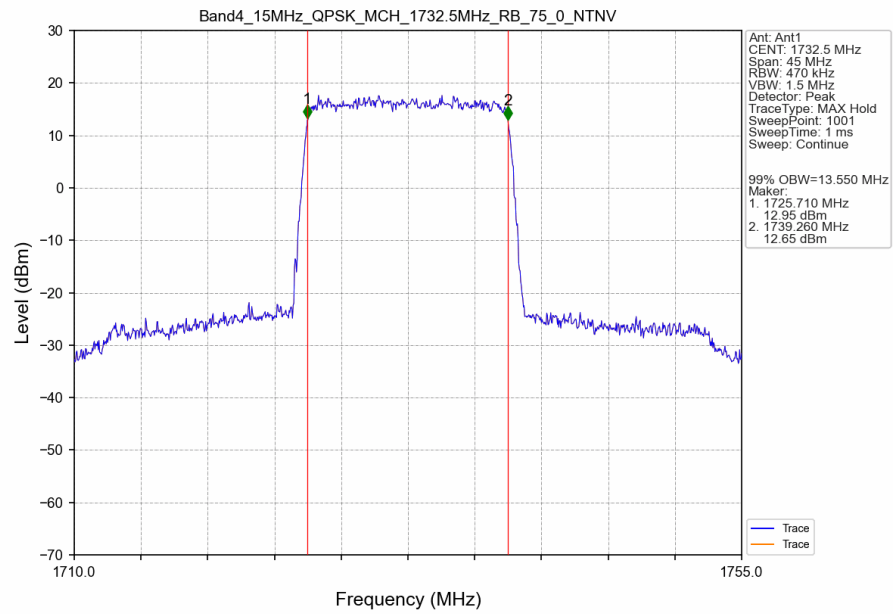
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



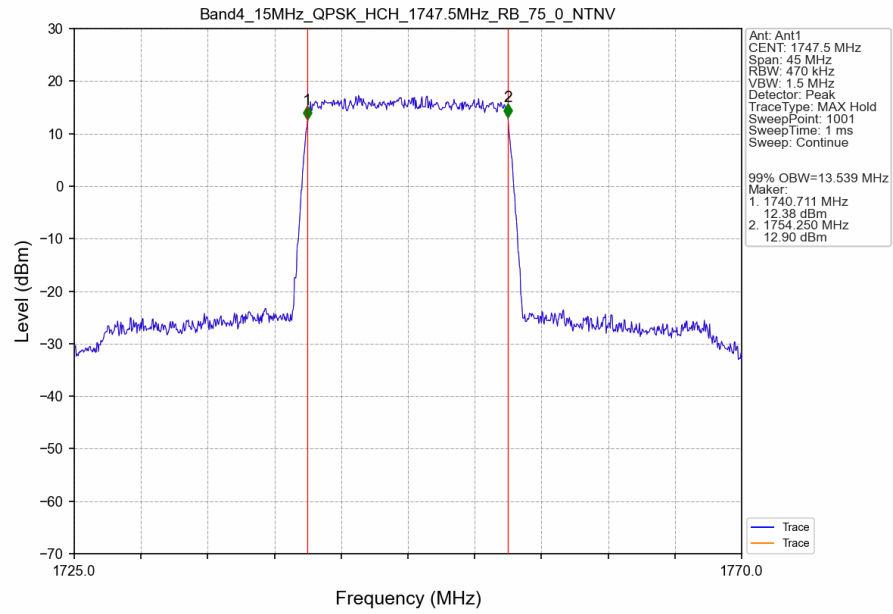
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



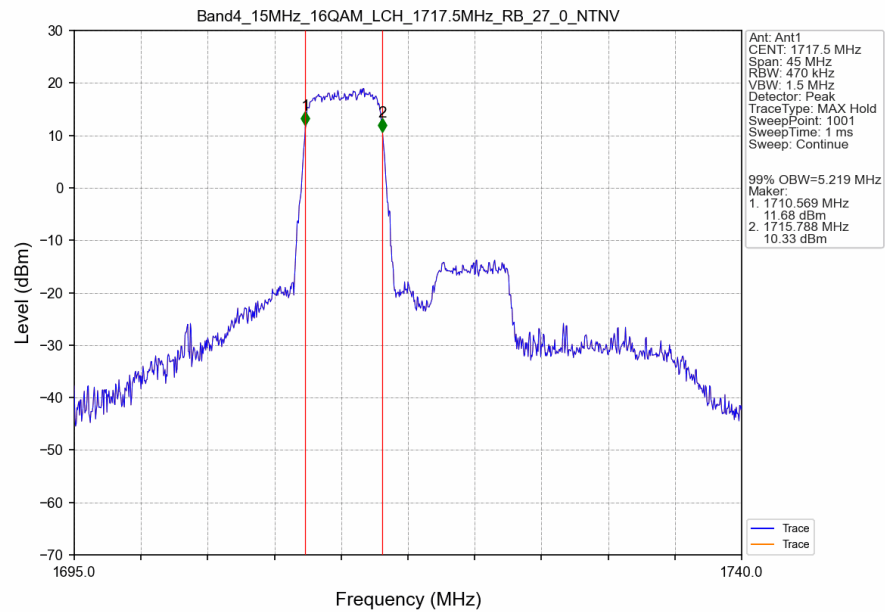
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



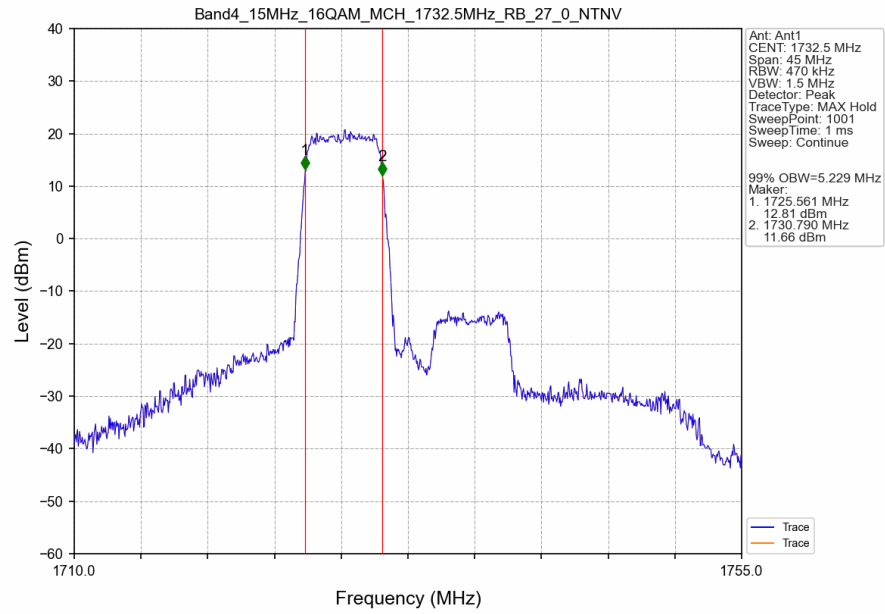
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



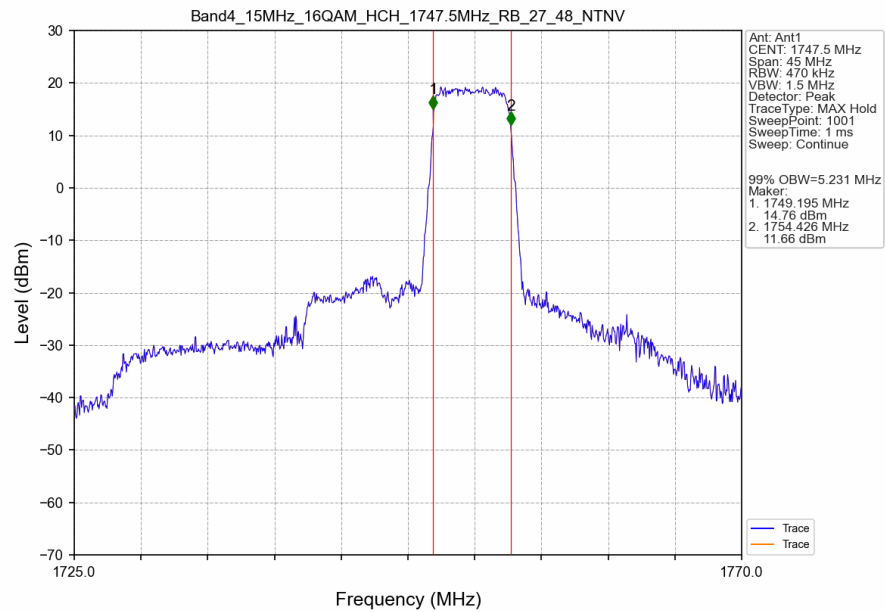
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



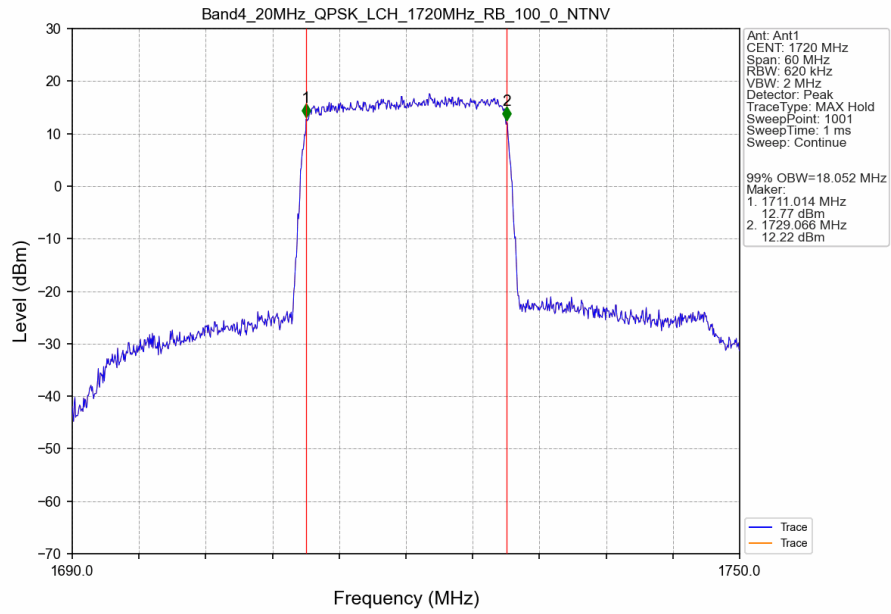
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



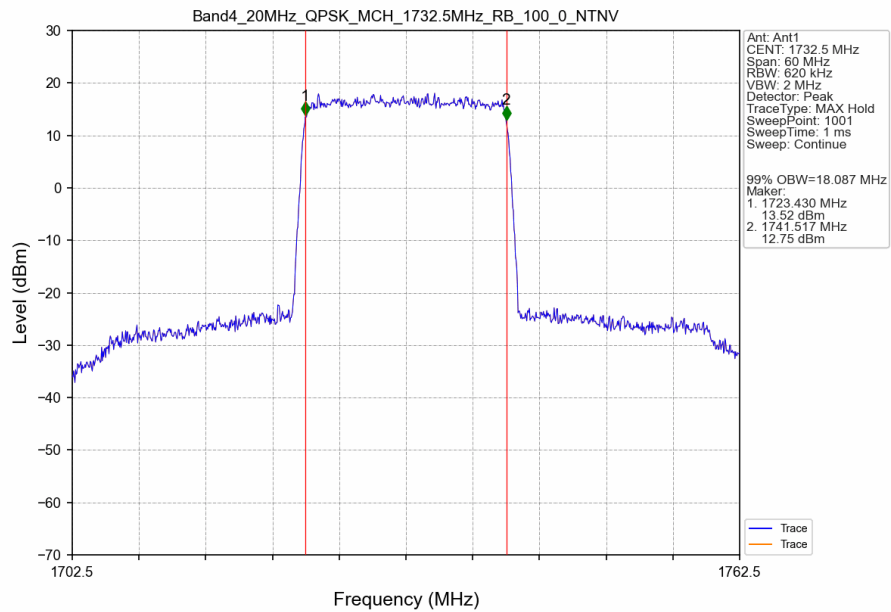
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



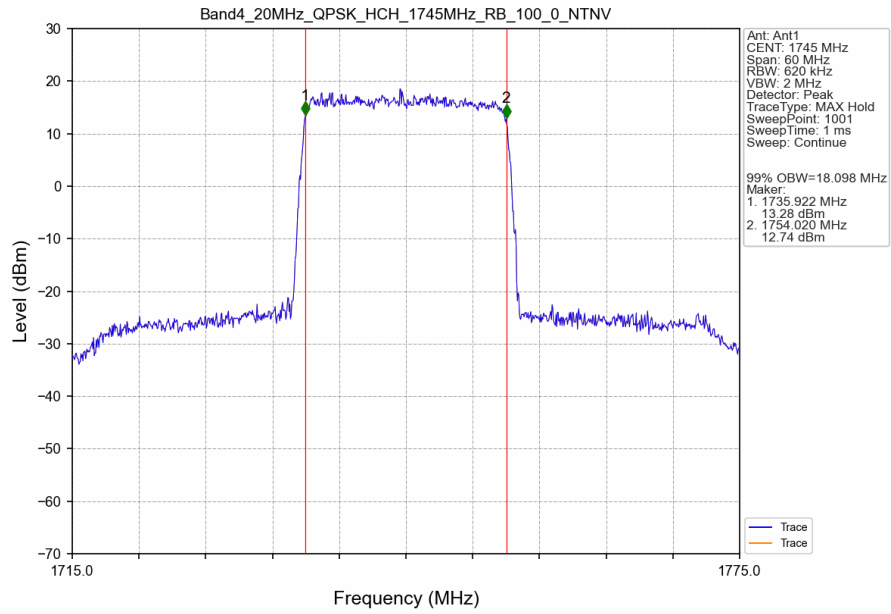
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



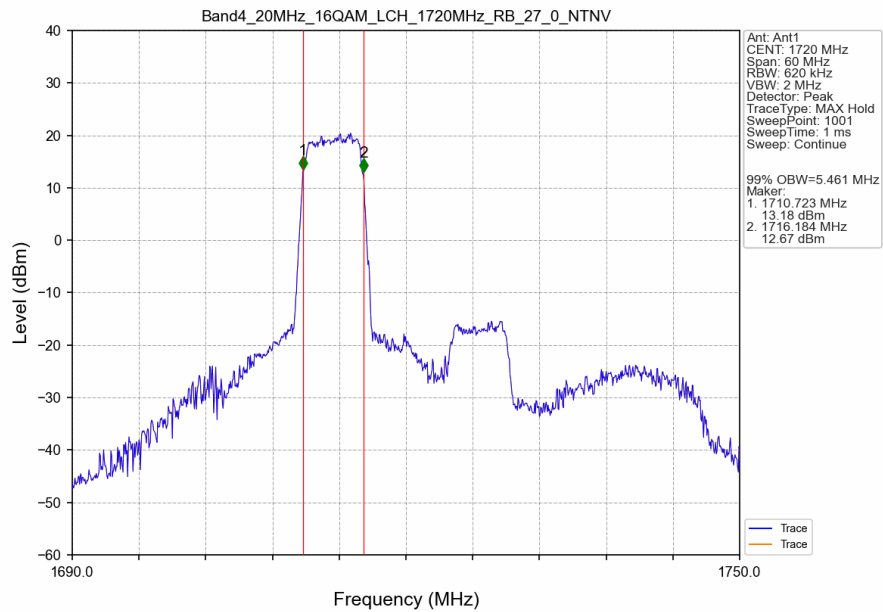
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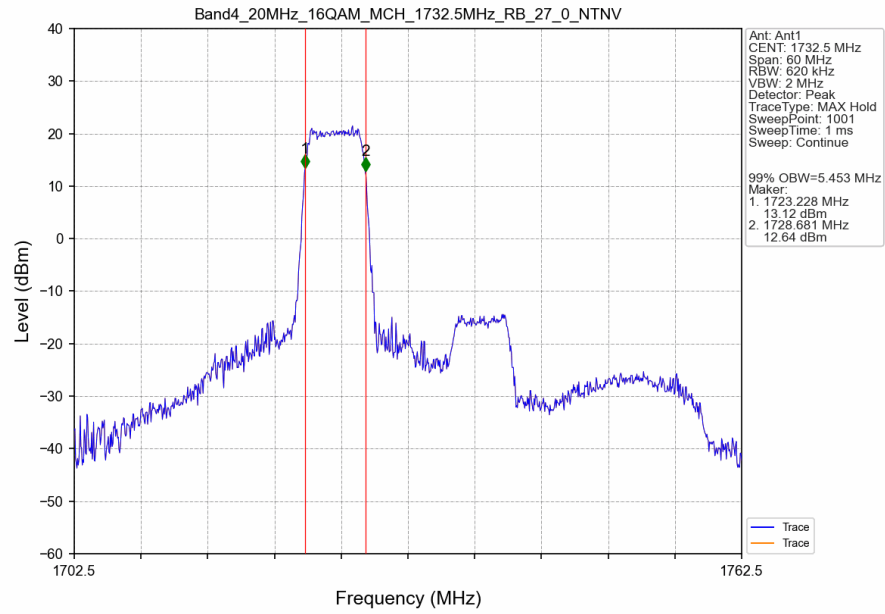
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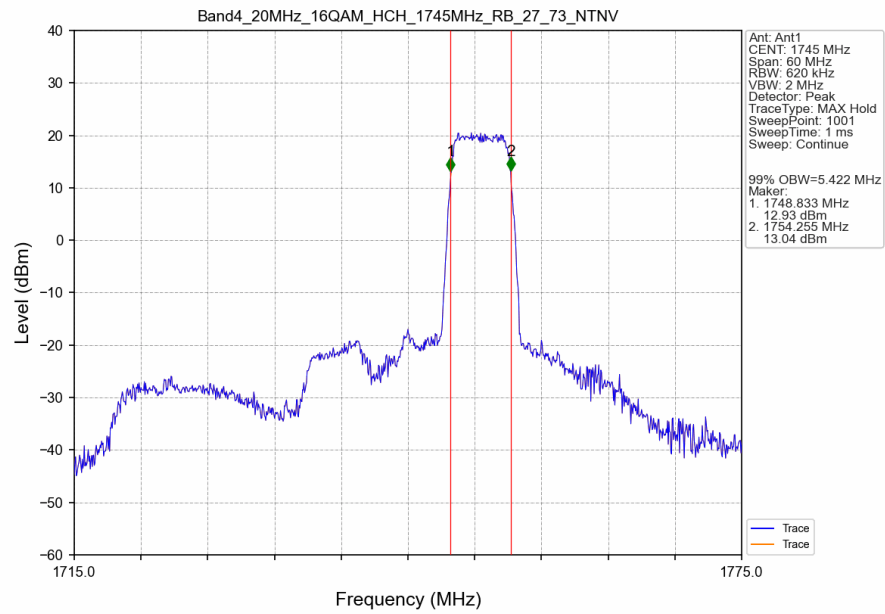
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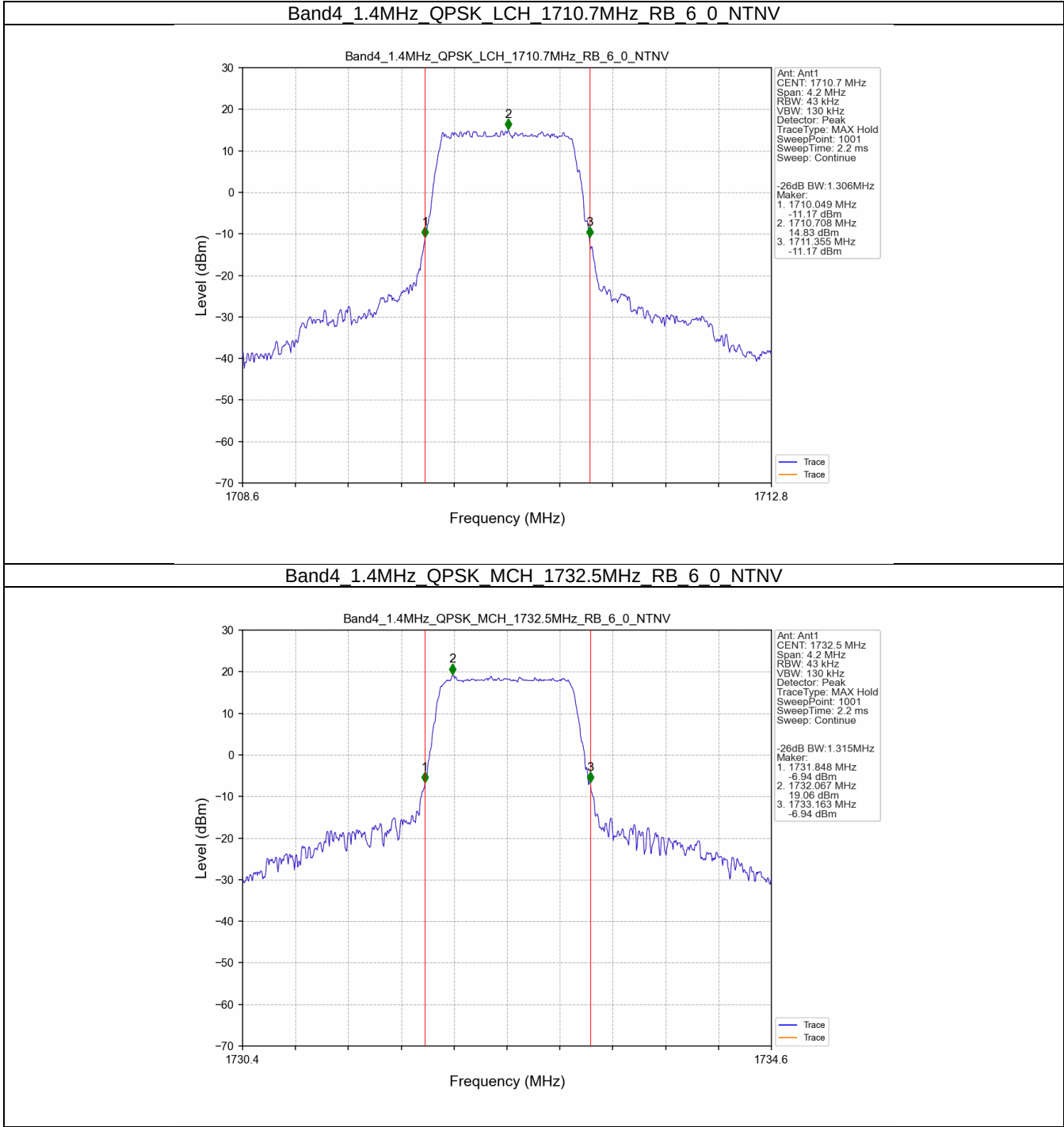
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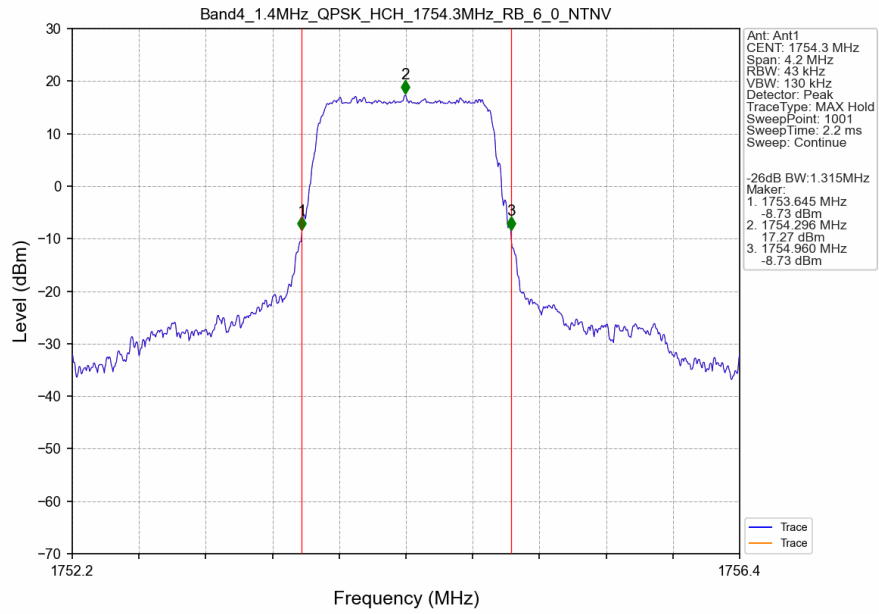
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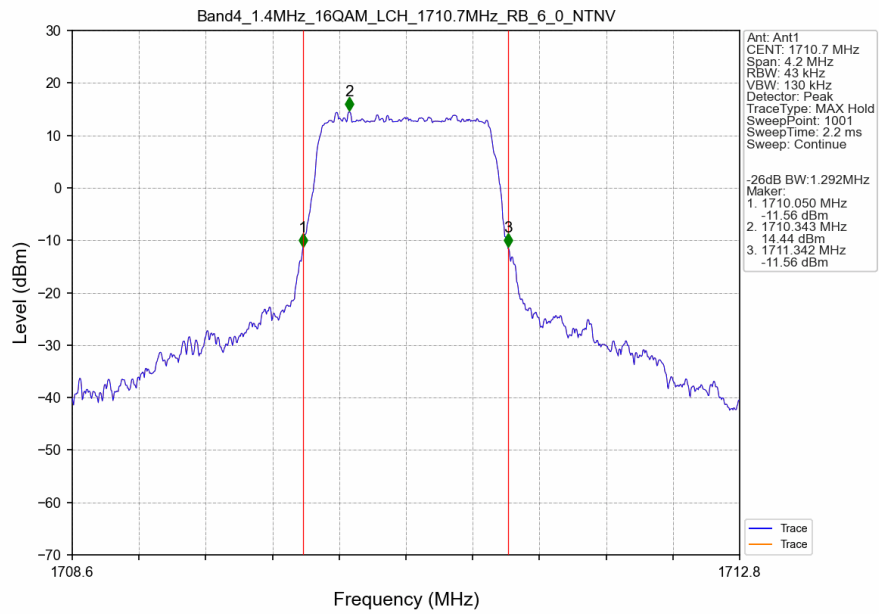
3.2.2 Band4_XDB



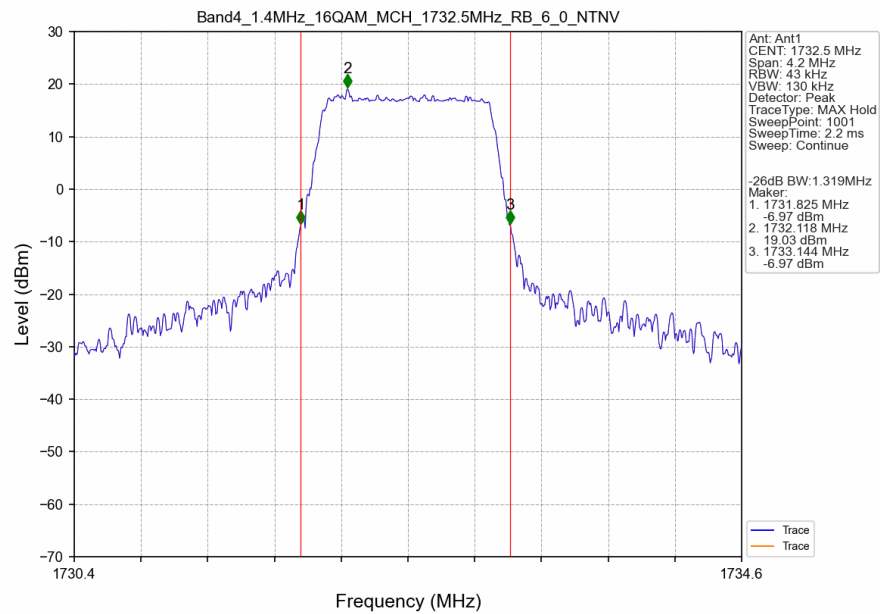
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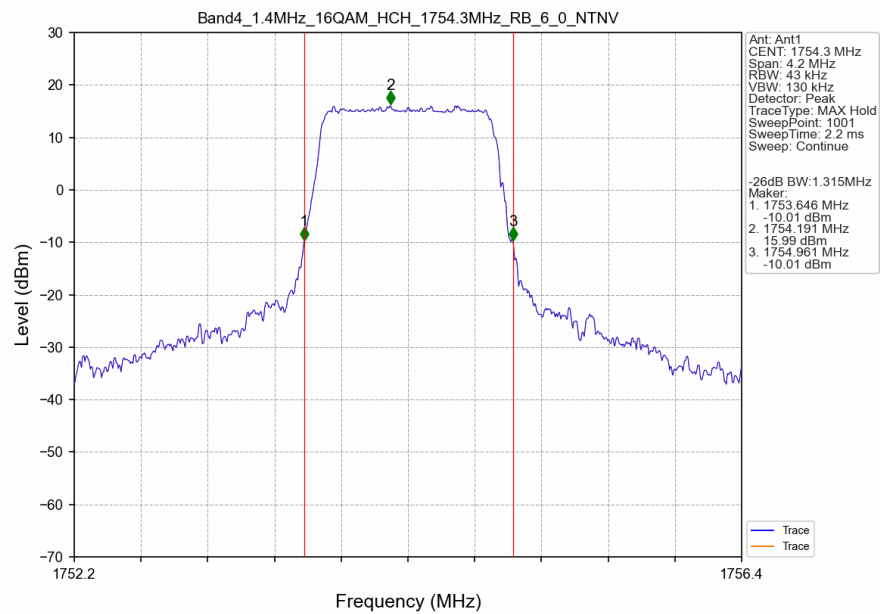
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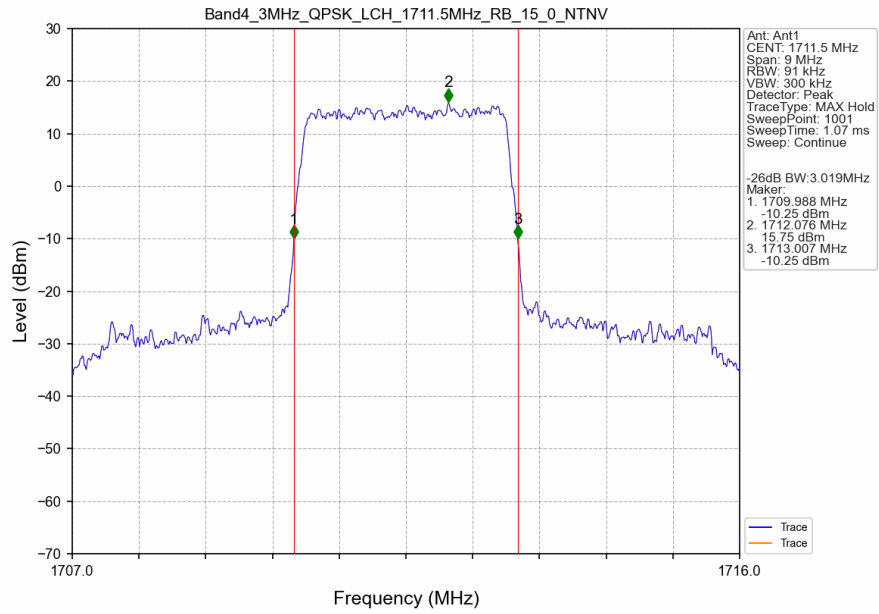
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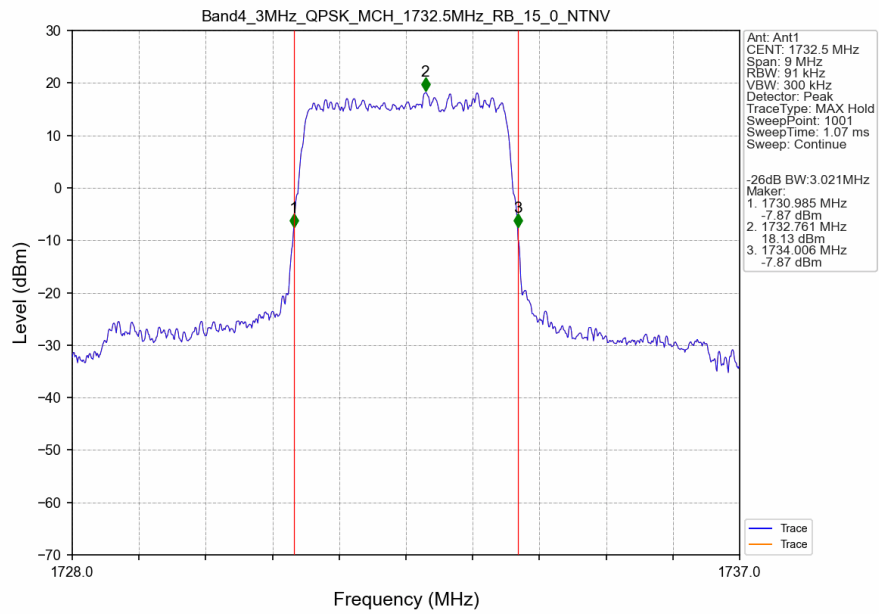
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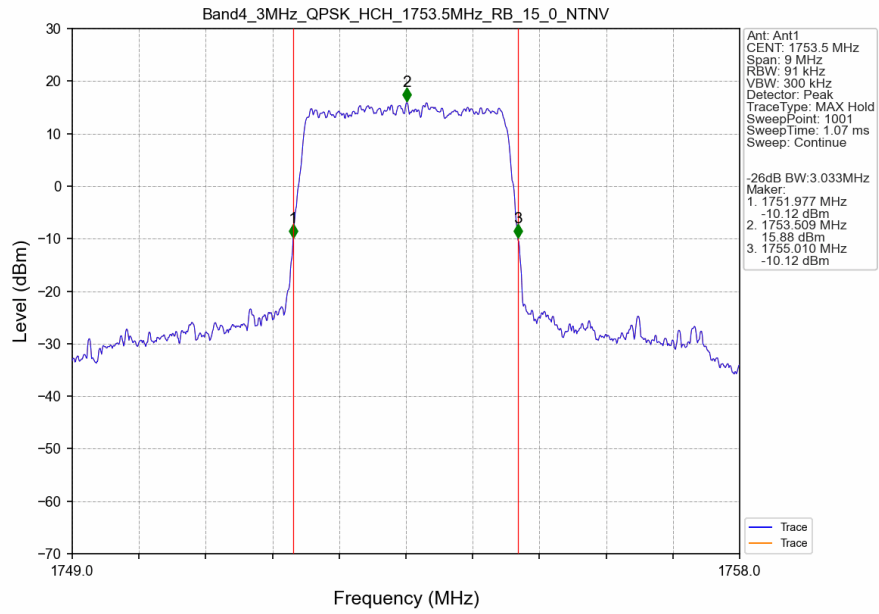
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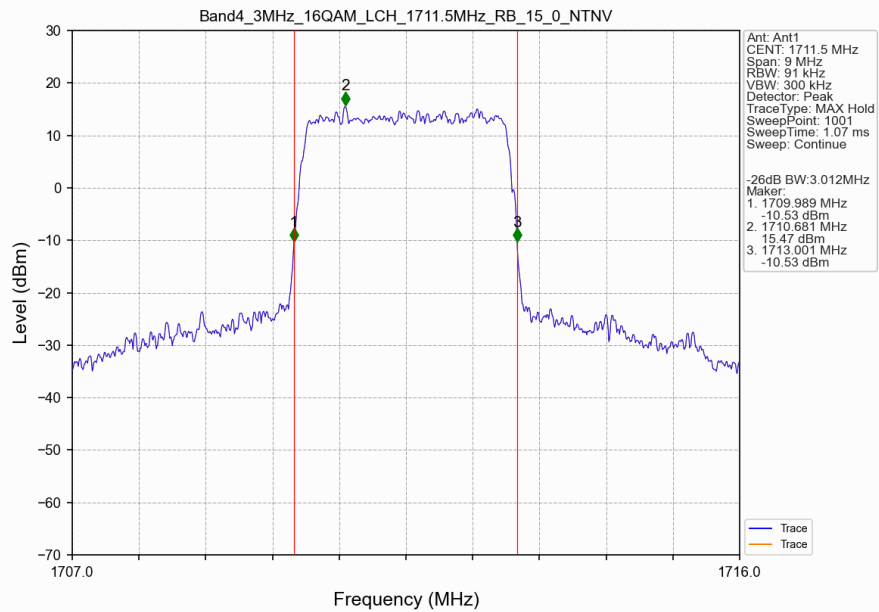
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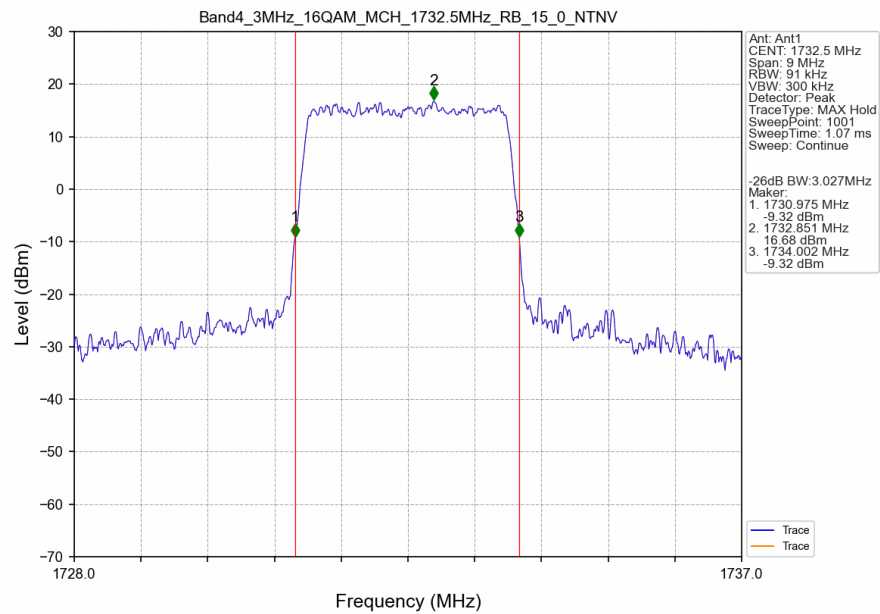
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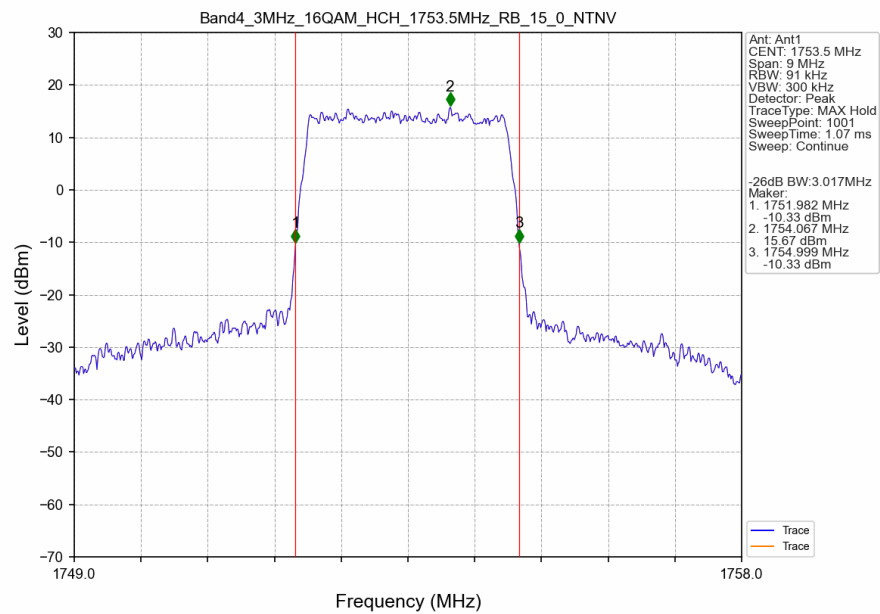
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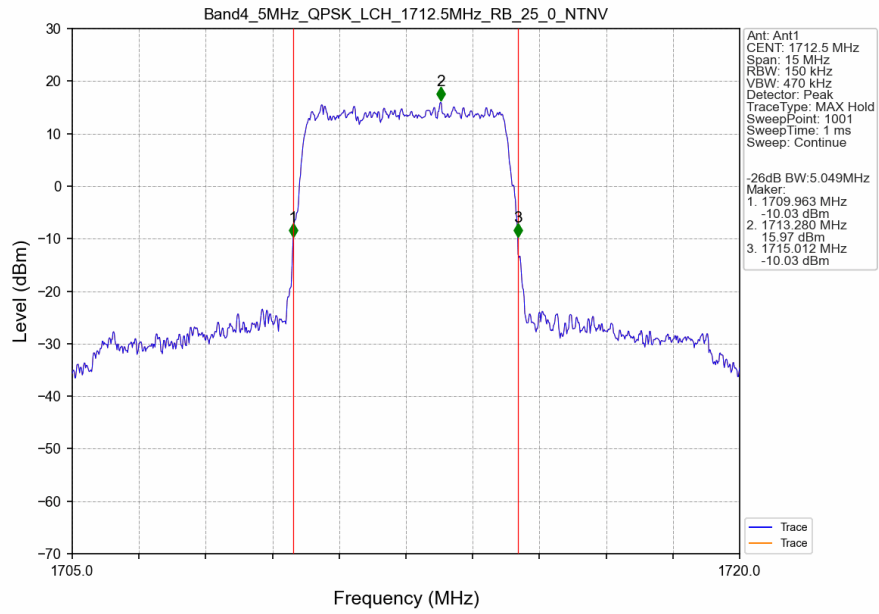
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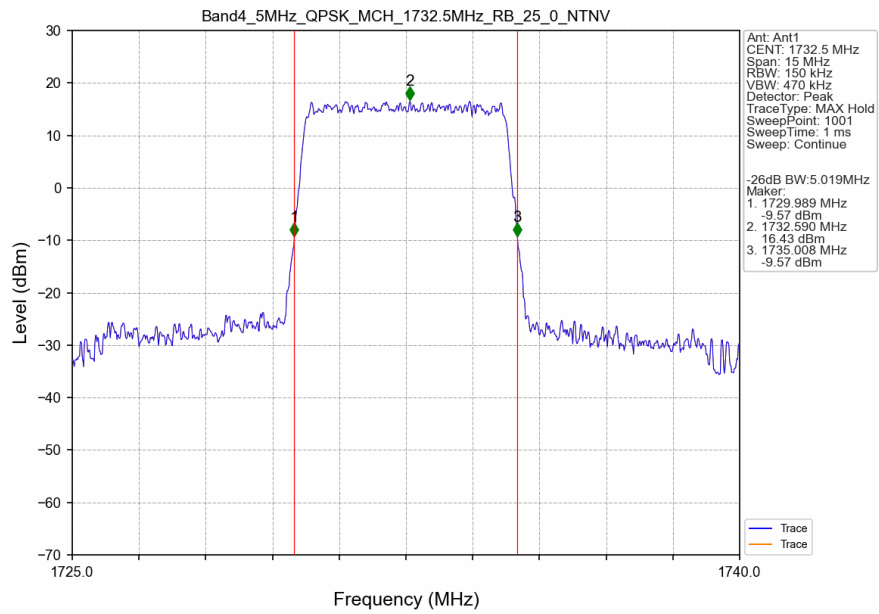
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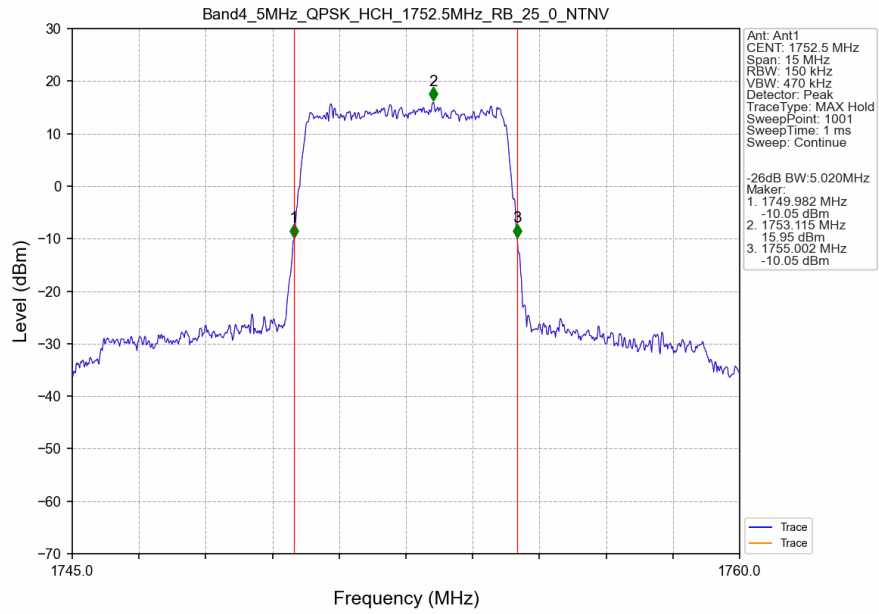
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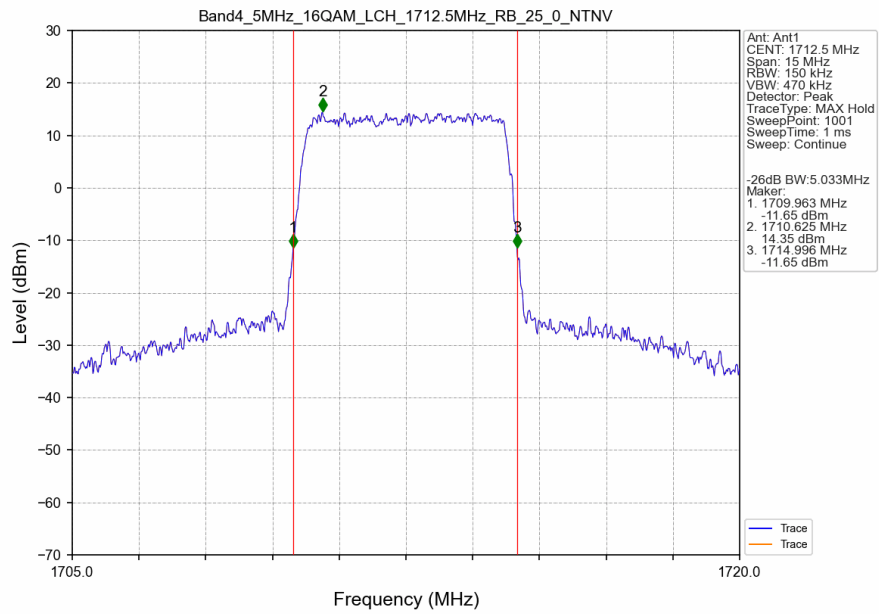
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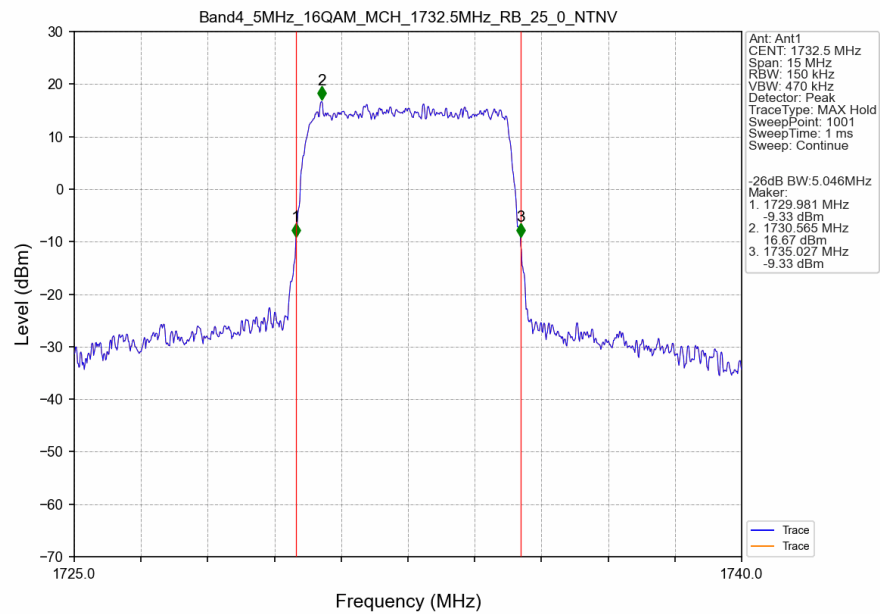
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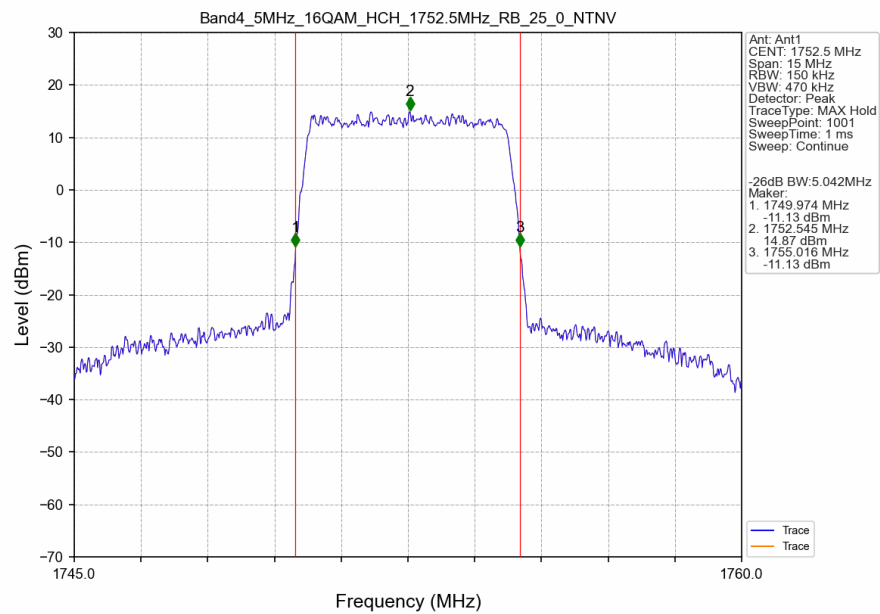
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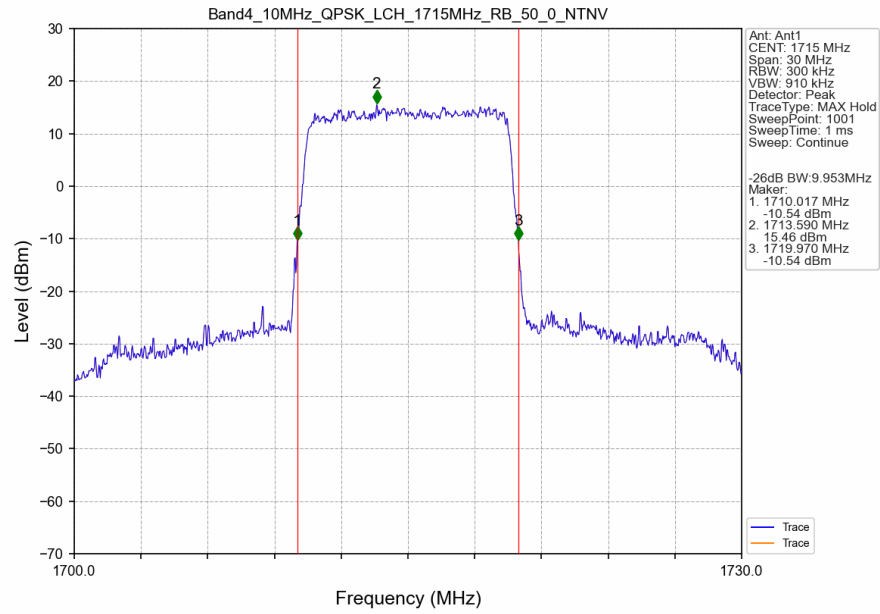
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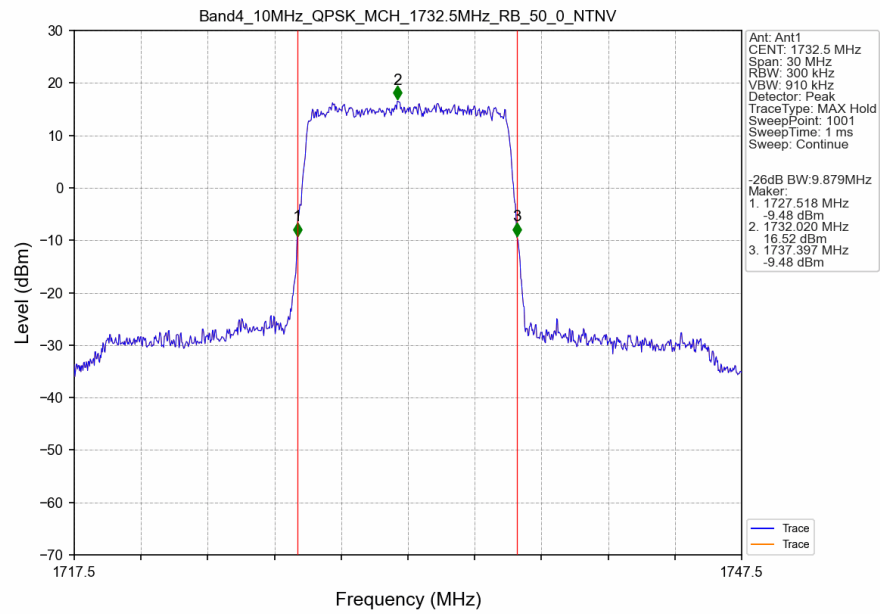
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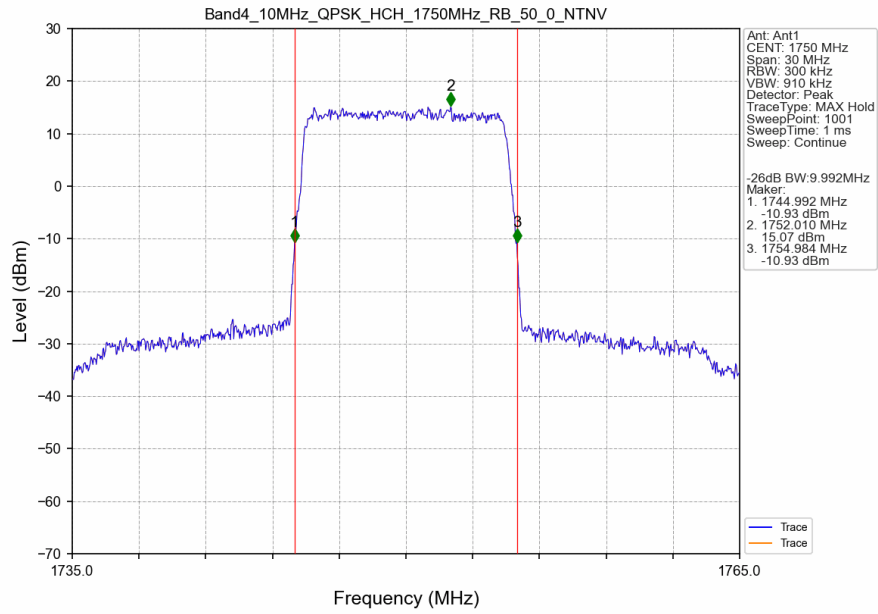
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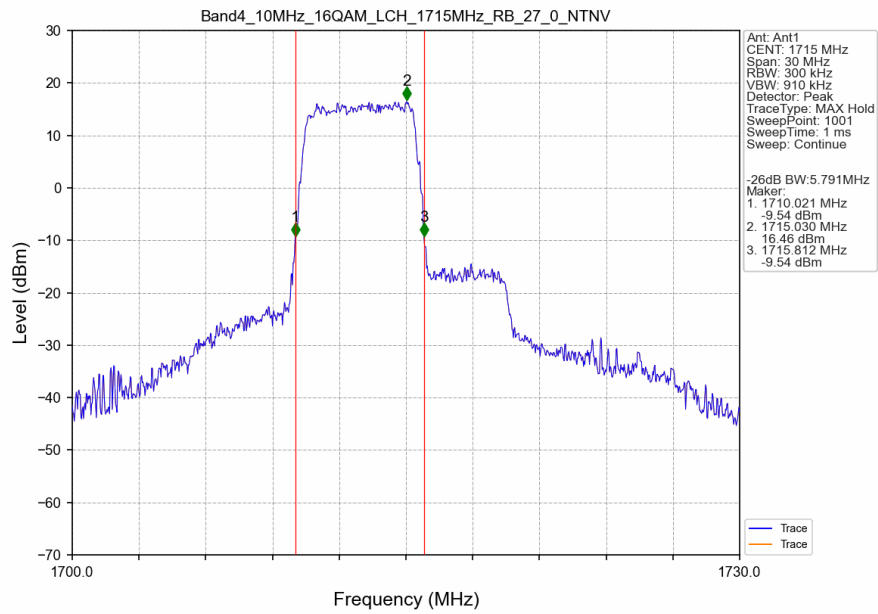
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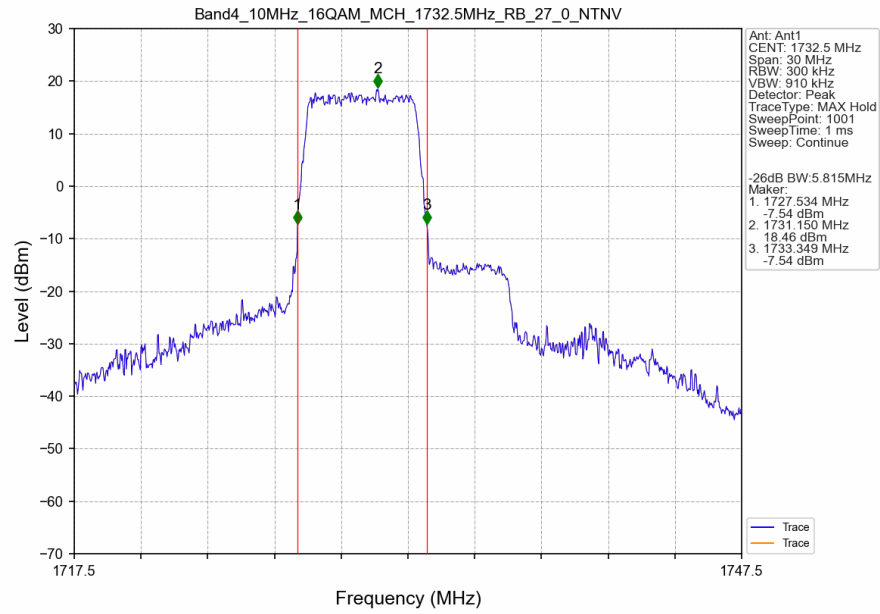
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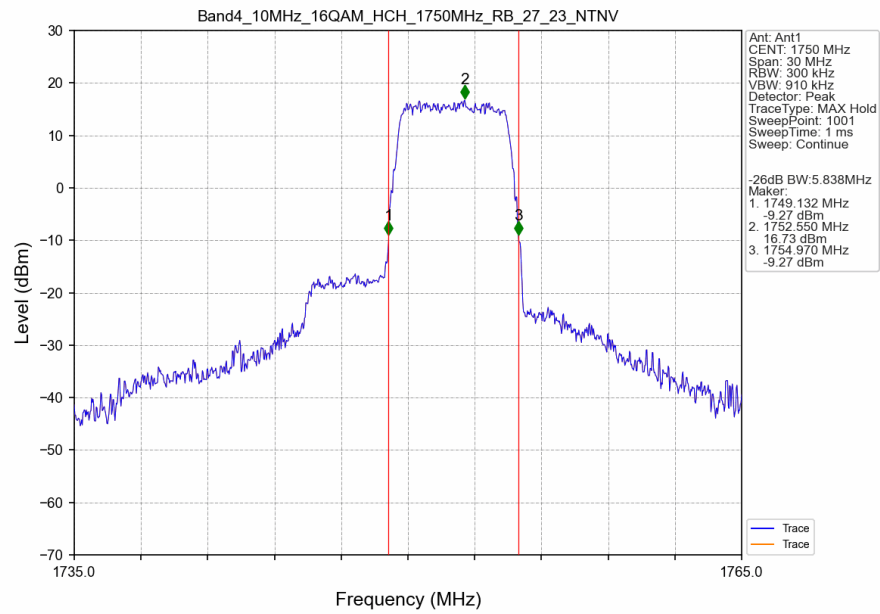
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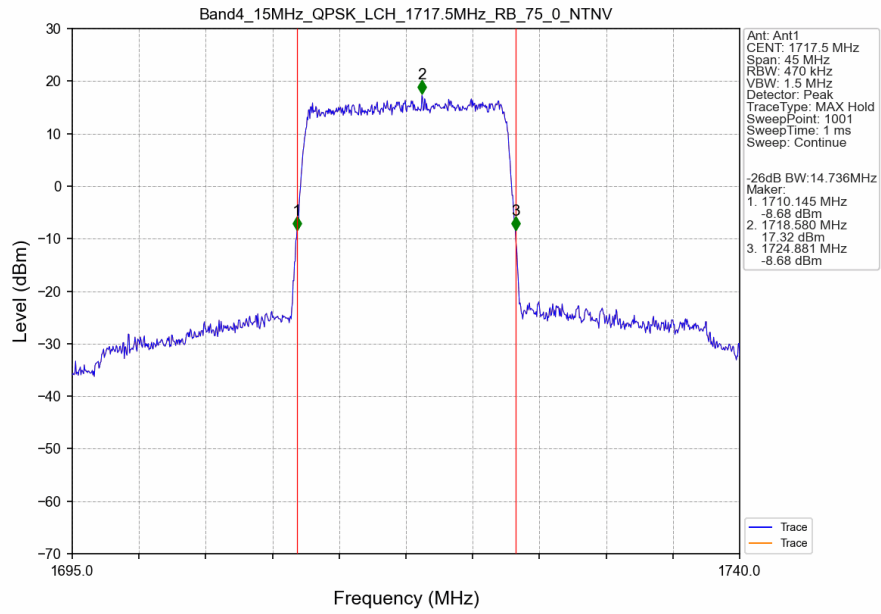
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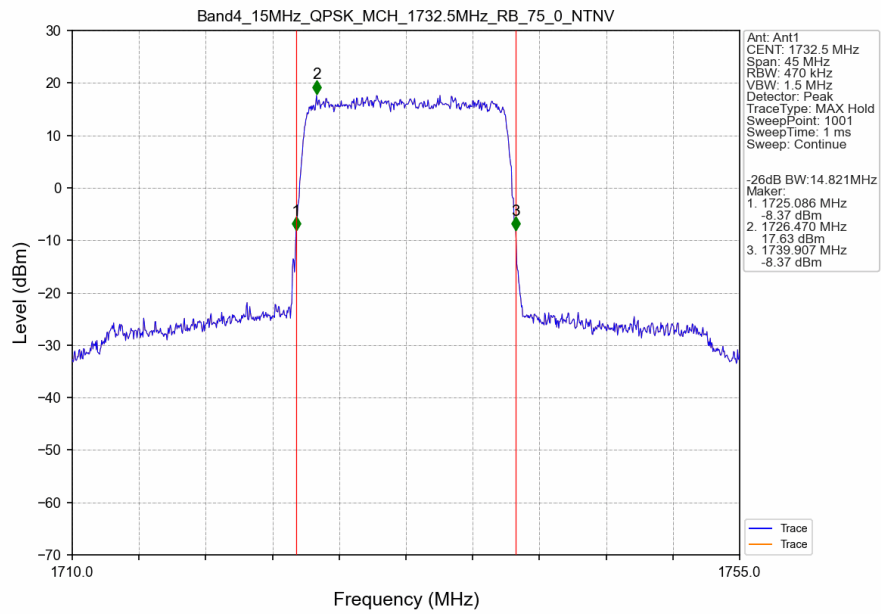
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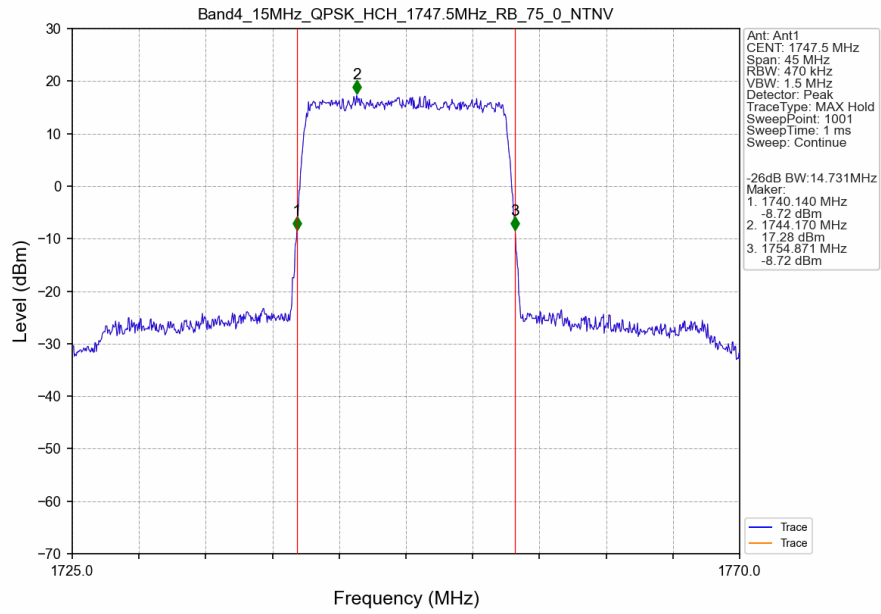
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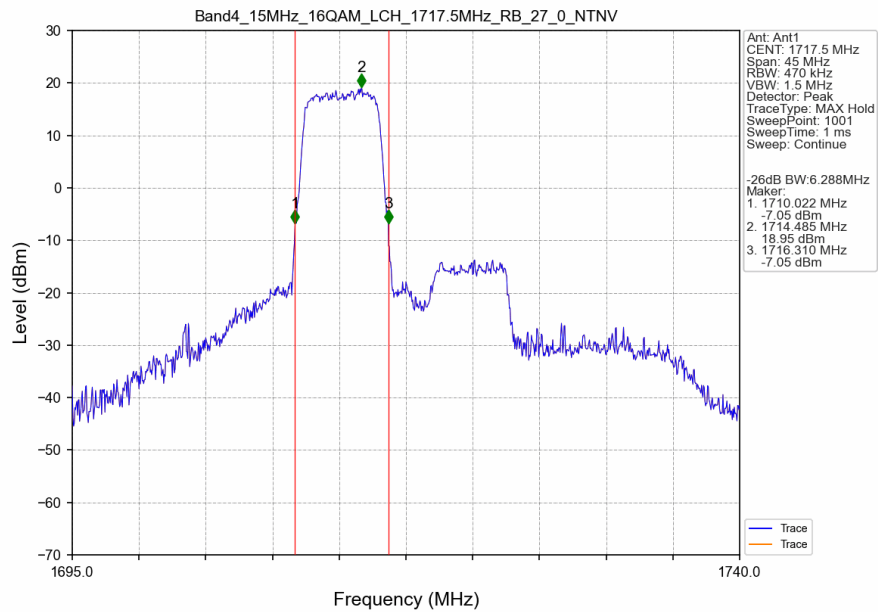
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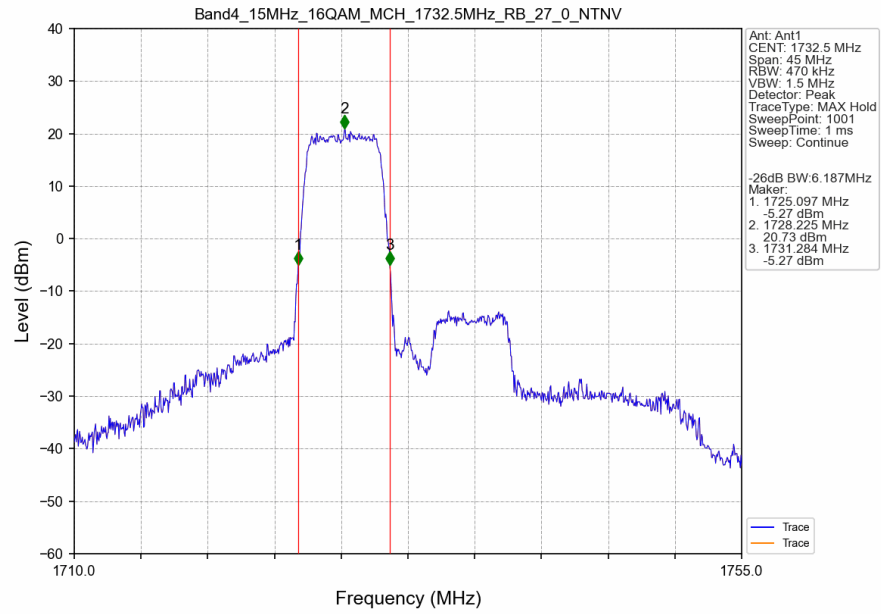
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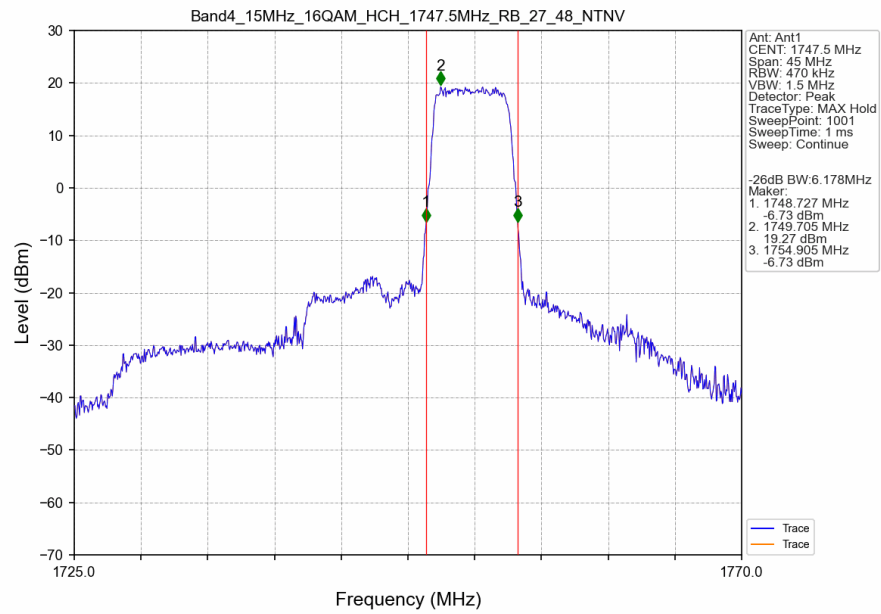
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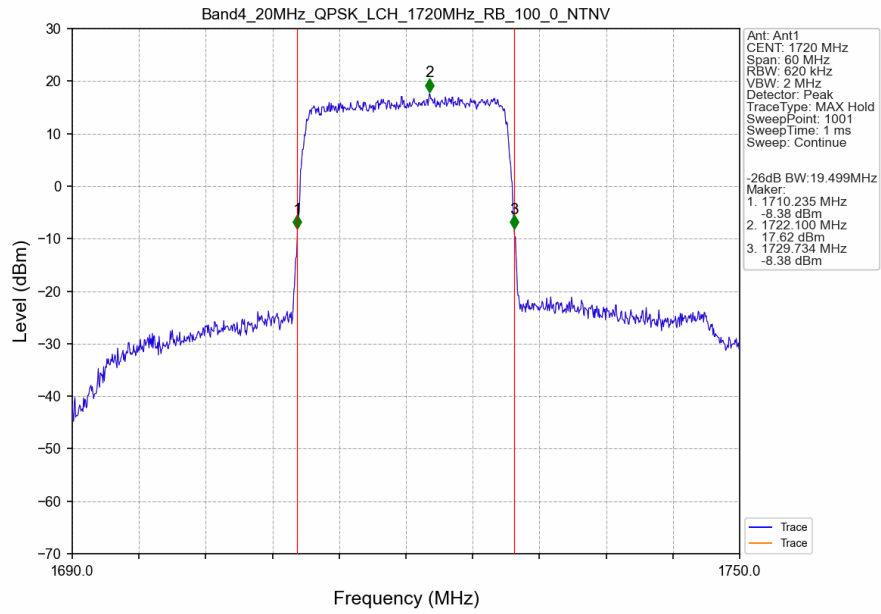
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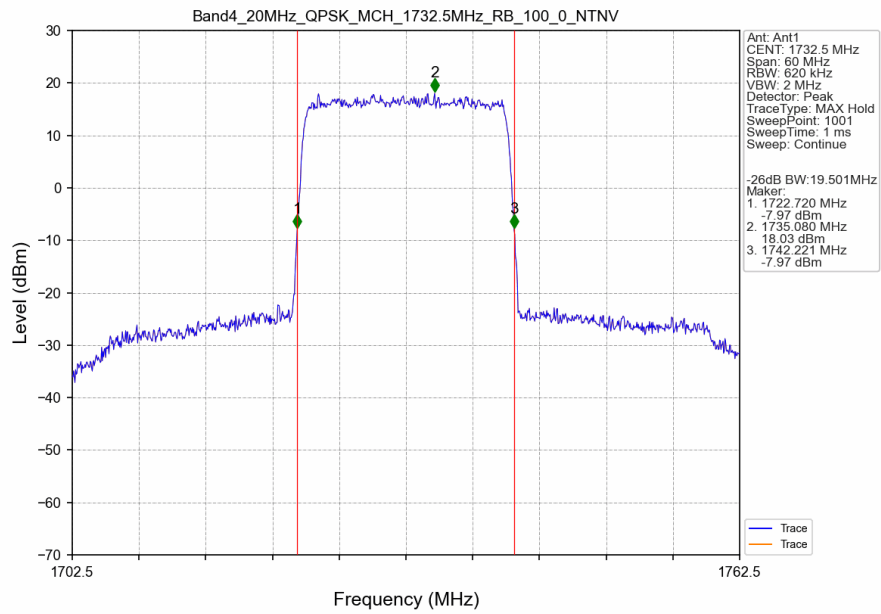
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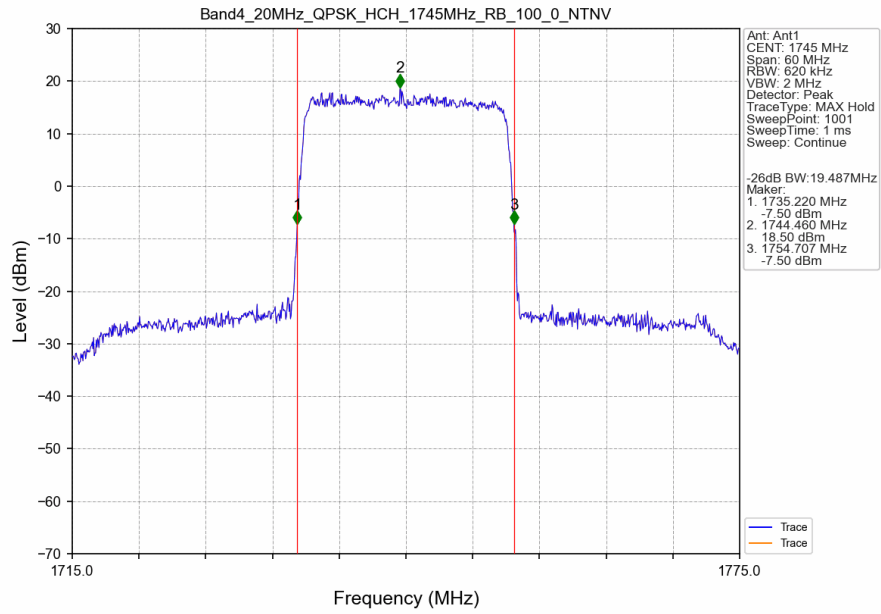
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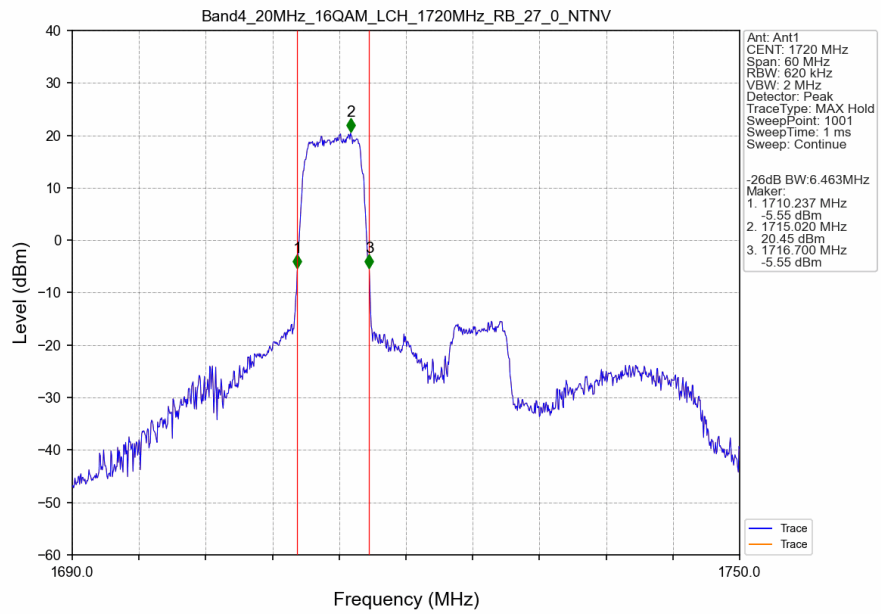
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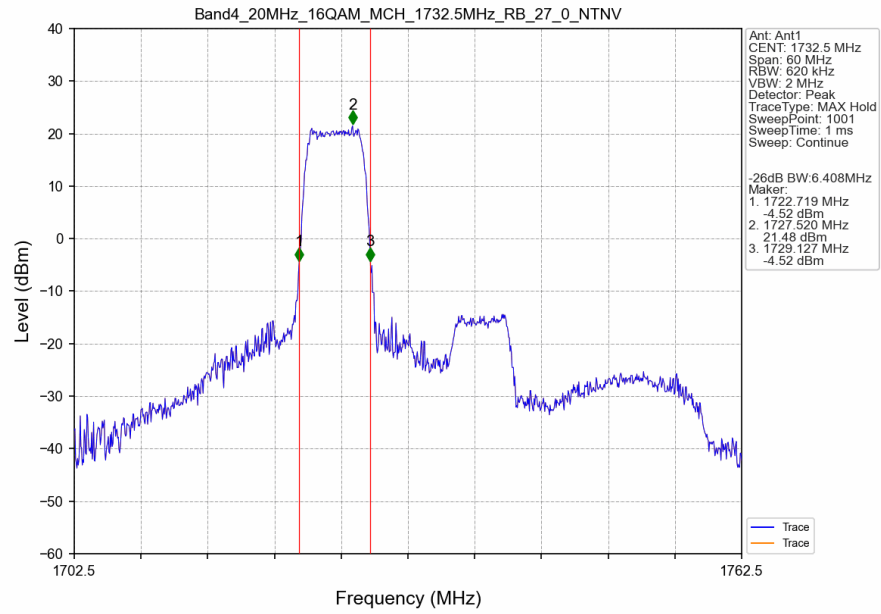
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV

