

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	18.32	0.32	18.64	<=30	Pass
			2	18.27	0.32	18.59	<=30	Pass
			5	18.24	0.32	18.56	<=30	Pass
		3	0	18.09	0.32	18.41	<=30	Pass
			2	18.01	0.32	18.33	<=30	Pass
			3	17.92	0.32	18.24	<=30	Pass
		6	0	17.01	0.32	17.33	<=30	Pass
	1732.5	1	0	17.69	0.32	18.01	<=30	Pass
			2	17.53	0.32	17.85	<=30	Pass
			5	17.67	0.32	17.99	<=30	Pass
		3	0	17.55	0.32	17.87	<=30	Pass
			2	17.59	0.32	17.91	<=30	Pass
			3	17.52	0.32	17.84	<=30	Pass
		6	0	17.01	0.32	17.33	<=30	Pass
	1754.3	1	0	16.88	0.32	17.20	<=30	Pass
			2	17.01	0.32	17.33	<=30	Pass
			5	16.77	0.32	17.09	<=30	Pass
		3	0	16.78	0.32	17.10	<=30	Pass
			2	16.71	0.32	17.03	<=30	Pass
			3	16.64	0.32	16.96	<=30	Pass
		6	0	16.51	0.32	16.83	<=30	Pass
16QAM	1710.7	1	0	16.73	0.32	17.05	<=30	Pass
			2	17.13	0.32	17.45	<=30	Pass
			5	16.85	0.32	17.17	<=30	Pass
		3	0	17.32	0.32	17.64	<=30	Pass
			2	17.34	0.32	17.66	<=30	Pass
			3	17.13	0.32	17.45	<=30	Pass
		6	0	15.96	0.32	16.28	<=30	Pass
	1732.5	1	0	16.68	0.32	17.00	<=30	Pass
			2	16.90	0.32	17.22	<=30	Pass
			5	17.04	0.32	17.36	<=30	Pass
		3	0	16.68	0.32	17.00	<=30	Pass
			2	16.83	0.32	17.15	<=30	Pass
			3	16.80	0.32	17.12	<=30	Pass
		6	0	15.76	0.32	16.08	<=30	Pass
	1754.3	1	0	16.34	0.32	16.66	<=30	Pass
			2	15.74	0.32	16.06	<=30	Pass
			5	15.81	0.32	16.13	<=30	Pass
		3	0	15.94	0.32	16.26	<=30	Pass
			2	15.96	0.32	16.28	<=30	Pass
			3	16.59	0.32	16.91	<=30	Pass
		6	0	16.15	0.32	16.47	<=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	18.10	0.32	18.42	<=30	Pass
			7	17.94	0.32	18.26	<=30	Pass
			14	18.00	0.32	18.32	<=30	Pass
		8	0	17.03	0.32	17.35	<=30	Pass
			4	17.02	0.32	17.34	<=30	Pass
			7	16.97	0.32	17.29	<=30	Pass
		15	0	17.00	0.32	17.32	<=30	Pass
	1732.5	1	0	17.86	0.32	18.18	<=30	Pass
			7	17.82	0.32	18.14	<=30	Pass
			14	17.80	0.32	18.12	<=30	Pass
		8	0	16.62	0.32	16.94	<=30	Pass
			4	16.64	0.32	16.96	<=30	Pass
			7	16.58	0.32	16.90	<=30	Pass
		15	0	16.60	0.32	16.92	<=30	Pass
	1753.5	1	0	17.05	0.32	17.37	<=30	Pass
			7	17.00	0.32	17.32	<=30	Pass
			14	16.88	0.32	17.20	<=30	Pass
		8	0	16.37	0.32	16.69	<=30	Pass
			4	16.22	0.32	16.54	<=30	Pass
			7	16.19	0.32	16.51	<=30	Pass
		15	0	15.80	0.32	16.12	<=30	Pass
16QAM	1711.5	1	0	17.11	0.32	17.43	<=30	Pass
			7	17.05	0.32	17.37	<=30	Pass
			14	17.03	0.32	17.35	<=30	Pass
		8	0	16.18	0.32	16.50	<=30	Pass
			4	16.23	0.32	16.55	<=30	Pass
			7	16.28	0.32	16.60	<=30	Pass
		15	0	16.19	0.32	16.51	<=30	Pass
	1732.5	1	0	16.88	0.32	17.20	<=30	Pass
			7	17.03	0.32	17.35	<=30	Pass
			14	16.87	0.32	17.19	<=30	Pass
		8	0	15.74	0.32	16.06	<=30	Pass
			4	15.77	0.32	16.09	<=30	Pass
			7	15.71	0.32	16.03	<=30	Pass
		15	0	15.70	0.32	16.02	<=30	Pass
	1753.5	1	0	16.50	0.32	16.82	<=30	Pass
			7	16.81	0.32	17.13	<=30	Pass
			14	16.49	0.32	16.81	<=30	Pass
		8	0	15.37	0.32	15.69	<=30	Pass
			4	15.34	0.32	15.66	<=30	Pass
			7	15.26	0.32	15.58	<=30	Pass
		15	0	15.27	0.32	15.59	<=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	17.92	0.32	18.24	<=30	Pass	
			13	17.83	0.32	18.15	<=30	Pass	
			24	17.89	0.32	18.21	<=30	Pass	
		12	0	17.05	0.32	17.37	<=30	Pass	
			6	17.05	0.32	17.37	<=30	Pass	
			13	16.87	0.32	17.19	<=30	Pass	
		25	0	16.93	0.32	17.25	<=30	Pass	
		1732.5	1	0	17.58	0.32	17.90	<=30	Pass
				13	17.95	0.32	18.27	<=30	Pass
	24			17.34	0.32	17.66	<=30	Pass	
	12		0	16.57	0.32	16.89	<=30	Pass	
			6	16.50	0.32	16.82	<=30	Pass	
			13	16.51	0.32	16.83	<=30	Pass	
	25	0	16.55	0.32	16.87	<=30	Pass		
	1752.5	1	0	17.58	0.32	17.90	<=30	Pass	
			13	17.01	0.32	17.33	<=30	Pass	
			24	16.75	0.32	17.07	<=30	Pass	
		12	0	15.86	0.32	16.18	<=30	Pass	
			6	15.87	0.32	16.19	<=30	Pass	
			13	15.76	0.32	16.08	<=30	Pass	
		25	0	15.98	0.32	16.30	<=30	Pass	
16QAM		1712.5	1	0	17.39	0.32	17.71	<=30	Pass
				13	17.47	0.32	17.79	<=30	Pass
	24			17.05	0.32	17.37	<=30	Pass	
	12		0	15.92	0.32	16.24	<=30	Pass	
			6	16.12	0.32	16.44	<=30	Pass	
			13	16.01	0.32	16.33	<=30	Pass	
	25		0	16.22	0.32	16.54	<=30	Pass	
	1732.5	1	0	16.99	0.32	17.31	<=30	Pass	
			13	17.03	0.32	17.35	<=30	Pass	
			24	16.91	0.32	17.23	<=30	Pass	
		12	0	15.63	0.32	15.95	<=30	Pass	
			6	15.60	0.32	15.92	<=30	Pass	
	13		15.61	0.32	15.93	<=30	Pass		
	25	0	15.63	0.32	15.95	<=30	Pass		
	1752.5	1	0	16.30	0.32	16.62	<=30	Pass	
			13	15.63	0.32	15.95	<=30	Pass	
			24	16.08	0.32	16.40	<=30	Pass	
		12	0	15.10	0.32	15.42	<=30	Pass	
6			15.27	0.32	15.59	<=30	Pass		
13			15.15	0.32	15.47	<=30	Pass		
25		0	15.41	0.32	15.73	<=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	17.98	0.32	18.30	<=30	Pass
			25	17.80	0.32	18.12	<=30	Pass
			49	17.78	0.32	18.10	<=30	Pass
		25	0	16.94	0.32	17.26	<=30	Pass
			13	16.95	0.32	17.27	<=30	Pass
			25	16.93	0.32	17.25	<=30	Pass
		50	0	16.83	0.32	17.15	<=30	Pass
	1732.5	1	0	17.89	0.32	18.21	<=30	Pass
			25	17.84	0.32	18.16	<=30	Pass
			49	17.87	0.32	18.19	<=30	Pass
		25	0	16.60	0.32	16.92	<=30	Pass
			13	16.56	0.32	16.88	<=30	Pass
			25	16.62	0.32	16.94	<=30	Pass
		50	0	16.55	0.32	16.87	<=30	Pass
	1750	1	0	17.97	0.32	18.29	<=30	Pass
			25	17.08	0.32	17.40	<=30	Pass
			49	16.70	0.32	17.02	<=30	Pass
		25	0	16.23	0.32	16.55	<=30	Pass
			13	16.02	0.32	16.34	<=30	Pass
			25	15.88	0.32	16.20	<=30	Pass
		50	0	16.05	0.32	16.37	<=30	Pass
16QAM	1715	1	0	17.40	0.32	17.72	<=30	Pass
			25	17.42	0.32	17.74	<=30	Pass
			49	17.21	0.32	17.53	<=30	Pass
		25	0	16.20	0.32	16.52	<=30	Pass
			13	16.54	0.32	16.86	<=30	Pass
			25	15.91	0.32	16.23	<=30	Pass
		50	0	15.93	0.32	16.25	<=30	Pass
	1732.5	1	0	16.54	0.32	16.86	<=30	Pass
			25	16.91	0.32	17.23	<=30	Pass
			49	17.09	0.32	17.41	<=30	Pass
		25	0	15.75	0.32	16.07	<=30	Pass
			13	15.66	0.32	15.98	<=30	Pass
			25	15.67	0.32	15.99	<=30	Pass
		50	0	15.70	0.32	16.02	<=30	Pass
	1750	1	0	16.83	0.32	17.15	<=30	Pass
			25	16.37	0.32	16.69	<=30	Pass
			49	16.08	0.32	16.40	<=30	Pass
		25	0	15.17	0.32	15.49	<=30	Pass
			13	15.46	0.32	15.78	<=30	Pass
			25	15.18	0.32	15.50	<=30	Pass
		50	0	15.18	0.32	15.50	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	17.93	0.32	18.25	<=30	Pass
			38	17.75	0.32	18.07	<=30	Pass
			74	17.70	0.32	18.02	<=30	Pass
		36	0	16.89	0.32	17.21	<=30	Pass
			18	16.95	0.32	17.27	<=30	Pass
			39	16.96	0.32	17.28	<=30	Pass
		75	0	16.91	0.32	17.23	<=30	Pass
	1732.5	1	0	17.89	0.32	18.21	<=30	Pass
			38	17.66	0.32	17.98	<=30	Pass
			74	17.55	0.32	17.87	<=30	Pass
		36	0	16.74	0.32	17.06	<=30	Pass
			18	16.50	0.32	16.82	<=30	Pass
			39	16.66	0.32	16.98	<=30	Pass
	75	0	16.65	0.32	16.97	<=30	Pass	
	1747.5	1	0	17.46	0.32	17.78	<=30	Pass
			38	17.56	0.32	17.88	<=30	Pass
			74	16.70	0.32	17.02	<=30	Pass
		36	0	16.38	0.32	16.70	<=30	Pass
			18	16.30	0.32	16.62	<=30	Pass
			39	15.99	0.32	16.31	<=30	Pass
		75	0	16.12	0.32	16.44	<=30	Pass
16QAM	1717.5	1	0	17.39	0.32	17.71	<=30	Pass
			38	17.34	0.32	17.66	<=30	Pass
			74	17.40	0.32	17.72	<=30	Pass
		36	0	15.90	0.32	16.22	<=30	Pass
			18	15.72	0.32	16.04	<=30	Pass
			39	16.34	0.32	16.66	<=30	Pass
		75	0	15.93	0.32	16.25	<=30	Pass
	1732.5	1	0	17.08	0.32	17.40	<=30	Pass
			38	16.81	0.32	17.13	<=30	Pass
			74	16.88	0.32	17.20	<=30	Pass
		36	0	15.71	0.32	16.03	<=30	Pass
			18	15.58	0.32	15.90	<=30	Pass
			39	15.55	0.32	15.87	<=30	Pass
	75	0	15.65	0.32	15.97	<=30	Pass	
	1747.5	1	0	16.58	0.32	16.90	<=30	Pass
			38	15.99	0.32	16.31	<=30	Pass
			74	16.01	0.32	16.33	<=30	Pass
		36	0	15.59	0.32	15.91	<=30	Pass
			18	15.49	0.32	15.81	<=30	Pass
			39	15.18	0.32	15.50	<=30	Pass
		75	0	15.21	0.32	15.53	<=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	17.84	0.32	18.16	<=30	Pass
			50	17.67	0.32	17.99	<=30	Pass
			99	17.70	0.32	18.02	<=30	Pass
		50	0	16.82	0.32	17.14	<=30	Pass
			25	16.79	0.32	17.11	<=30	Pass
			50	16.74	0.32	17.06	<=30	Pass
		100	0	16.84	0.32	17.16	<=30	Pass
	1732.5	1	0	17.79	0.32	18.11	<=30	Pass
			50	17.66	0.32	17.98	<=30	Pass
			99	17.57	0.32	17.89	<=30	Pass
		50	0	16.66	0.32	16.98	<=30	Pass
			25	16.64	0.32	16.96	<=30	Pass
			50	16.48	0.32	16.80	<=30	Pass
		100	0	16.51	0.32	16.83	<=30	Pass
	1745	1	0	17.49	0.32	17.81	<=30	Pass
			50	18.01	0.32	18.33	<=30	Pass
			99	16.89	0.32	17.21	<=30	Pass
		50	0	16.36	0.32	16.68	<=30	Pass
			25	16.43	0.32	16.75	<=30	Pass
			50	16.12	0.32	16.44	<=30	Pass
		100	0	16.16	0.32	16.48	<=30	Pass
16QAM	1720	1	0	16.87	0.32	17.19	<=30	Pass
			50	17.43	0.32	17.75	<=30	Pass
			99	16.38	0.32	16.70	<=30	Pass
		50	0	16.38	0.32	16.70	<=30	Pass
			25	15.88	0.32	16.20	<=30	Pass
			50	15.81	0.32	16.13	<=30	Pass
		100	0	15.85	0.32	16.17	<=30	Pass
	1732.5	1	0	16.73	0.32	17.05	<=30	Pass
			50	17.30	0.32	17.62	<=30	Pass
			99	16.73	0.32	17.05	<=30	Pass
		50	0	15.66	0.32	15.98	<=30	Pass
			25	15.73	0.32	16.05	<=30	Pass
			50	15.61	0.32	15.93	<=30	Pass
		100	0	15.71	0.32	16.03	<=30	Pass
	1745	1	0	16.36	0.32	16.68	<=30	Pass
			50	16.80	0.32	17.12	<=30	Pass
			99	16.26	0.32	16.58	<=30	Pass
		50	0	15.56	0.32	15.88	<=30	Pass
			25	15.31	0.32	15.63	<=30	Pass
			50	15.22	0.32	15.54	<=30	Pass
		100	0	15.43	0.32	15.75	<=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	18.000	0.0105	-2.5 to 2.5	Pass
					3.85	-7.600	-0.0044	-2.5 to 2.5	Pass
					4.43	-15.400	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-19.900	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-17.900	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-19.600	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-22.700	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-21.300	-0.0125	-2.5 to 2.5	Pass
				30	3.85	-18.900	-0.0110	-2.5 to 2.5	Pass
				40	3.85	-19.200	-0.0112	-2.5 to 2.5	Pass
				50	3.85	-20.300	-0.0119	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.600	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.300	-0.0036	-2.5 to 2.5	Pass
					4.43	-15.700	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-20.700	-0.0119	-2.5 to 2.5	Pass
				-20	3.85	-19.600	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-17.000	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-21.200	-0.0122	-2.5 to 2.5	Pass
				10	3.85	-19.100	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-18.300	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-21.000	-0.0121	-2.5 to 2.5	Pass
				50	3.85	-21.700	-0.0125	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	3.200	0.0018	-2.5 to 2.5	Pass
					3.85	7.900	0.0045	-2.5 to 2.5	Pass
					4.43	9.100	0.0052	-2.5 to 2.5	Pass
				-30	3.85	5.600	0.0032	-2.5 to 2.5	Pass
				-20	3.85	3.100	0.0018	-2.5 to 2.5	Pass
				-10	3.85	5.400	0.0031	-2.5 to 2.5	Pass
				0	3.85	-2.800	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-5.800	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-7.500	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-12.000	-0.0068	-2.5 to 2.5	Pass
				50	3.85	-11.800	-0.0067	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-23.200	-0.0136	-2.5 to 2.5	Pass
					3.85	-20.000	-0.0117	-2.5 to 2.5	Pass
					4.43	-15.300	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-13.900	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-11.600	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-11.700	-0.0068	-2.5 to 2.5	Pass
				0	3.85	-15.800	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-13.000	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-13.800	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-13.500	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-16.300	-0.0095	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-18.000	-0.0104	-2.5 to 2.5	Pass
					3.85	-16.400	-0.0095	-2.5 to 2.5	Pass
					4.43	-15.000	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-14.500	-0.0084	-2.5 to 2.5	Pass
				-20	3.85	-14.800	-0.0085	-2.5 to 2.5	Pass

				-10	3.85	-17.400	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-18.600	-0.0107	-2.5 to 2.5	Pass
				10	3.85	-16.100	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-15.500	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-14.500	-0.0084	-2.5 to 2.5	Pass
				50	3.85	-17.000	-0.0098	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-18.600	-0.0106	-2.5 to 2.5	Pass
					3.85	-22.500	-0.0128	-2.5 to 2.5	Pass
					4.43	-29.400	-0.0168	-2.5 to 2.5	Pass
				-30	3.85	-31.500	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-36.000	-0.0205	-2.5 to 2.5	Pass
				-10	3.85	-34.600	-0.0197	-2.5 to 2.5	Pass
				0	3.85	-31.700	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-32.100	-0.0183	-2.5 to 2.5	Pass
				30	3.85	-26.800	-0.0153	-2.5 to 2.5	Pass
				40	3.85	-34.200	-0.0195	-2.5 to 2.5	Pass
				50	3.85	-30.600	-0.0174	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-1.000	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.200	-0.0019	-2.5 to 2.5	Pass
					4.43	-17.300	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-20.200	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-14.300	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-17.200	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-15.200	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-12.500	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-12.100	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-11.000	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-10.400	-0.0061	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	5.100	0.0029	-2.5 to 2.5	Pass
					3.85	7.600	0.0044	-2.5 to 2.5	Pass
					4.43	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-6.900	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-8.500	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-7.100	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-7.800	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.900	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-8.500	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-5.200	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-5.800	-0.0033	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	9.600	0.0055	-2.5 to 2.5	Pass
					3.85	8.700	0.0050	-2.5 to 2.5	Pass
					4.43	-2.300	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-4.800	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-5.000	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-1.800	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.100	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.300	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.200	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.000	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.900	-0.0005	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-7.200	-0.0042	-2.5 to 2.5	Pass

					3.85	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.43	-6.600	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.000	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-12.400	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-7.300	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-11.900	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-11.200	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-9.800	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-11.300	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-11.000	-0.0064	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-10.500	-0.0061	-2.5 to 2.5	Pass
					3.85	-5.200	-0.0030	-2.5 to 2.5	Pass
					4.43	-6.600	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-5.400	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.200	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.100	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-9.700	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-8.400	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-8.500	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-9.300	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-6.900	-0.0040	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-3.600	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.200	-0.0018	-2.5 to 2.5	Pass
					4.43	2.300	0.0013	-2.5 to 2.5	Pass
				-30	3.85	3.700	0.0021	-2.5 to 2.5	Pass
				-20	3.85	2.000	0.0011	-2.5 to 2.5	Pass
				-10	3.85	1.900	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.900	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.900	0.0028	-2.5 to 2.5	Pass
				30	3.85	6.100	0.0035	-2.5 to 2.5	Pass
				40	3.85	5.700	0.0033	-2.5 to 2.5	Pass
				50	3.85	5.700	0.0033	-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	15.400	0.0090	-2.5 to 2.5	Pass
					3.85	7.600	0.0044	-2.5 to 2.5	Pass
					4.43	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-5.300	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-6.800	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-3.800	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-5.500	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.700	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.300	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.100	-0.0018	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	8.100	0.0047	-2.5 to 2.5	Pass
					3.85	10.100	0.0058	-2.5 to 2.5	Pass
					4.43	1.500	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.300	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.000	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-4.800	-0.0028	-2.5 to 2.5	Pass

				30	3.85	-5.000	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.700	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-3.400	-0.0019	-2.5 to 2.5	Pass
					3.85	0.900	0.0005	-2.5 to 2.5	Pass
					4.43	-5.000	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-6.700	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-11.400	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-16.100	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-16.500	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-20.500	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-24.100	-0.0138	-2.5 to 2.5	Pass
				40	3.85	-25.700	-0.0147	-2.5 to 2.5	Pass
				50	3.85	-27.900	-0.0159	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-2.000	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.500	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-5.300	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.500	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.700	-0.0022	-2.5 to 2.5	Pass
				10	3.85	2.900	0.0017	-2.5 to 2.5	Pass
				30	3.85	4.400	0.0026	-2.5 to 2.5	Pass
				40	3.85	2.900	0.0017	-2.5 to 2.5	Pass
				50	3.85	3.500	0.0020	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.300	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.000	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.900	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.700	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.900	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.700	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.100	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.200	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-3.100	-0.0018	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-30.800	-0.0176	-2.5 to 2.5	Pass
					3.85	-36.800	-0.0210	-2.5 to 2.5	Pass
					4.43	3.500	0.0020	-2.5 to 2.5	Pass
				-30	3.85	4.700	0.0027	-2.5 to 2.5	Pass
				-20	3.85	4.400	0.0025	-2.5 to 2.5	Pass
				-10	3.85	8.700	0.0050	-2.5 to 2.5	Pass
				0	3.85	9.400	0.0054	-2.5 to 2.5	Pass
				10	3.85	10.300	0.0059	-2.5 to 2.5	Pass
				30	3.85	11.100	0.0063	-2.5 to 2.5	Pass
				40	3.85	12.800	0.0073	-2.5 to 2.5	Pass
				50	3.85	14.400	0.0082	-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	7.400	0.0043	-2.5 to 2.5	Pass
					3.85	0.600	0.0003	-2.5 to 2.5	Pass
					4.43	-12.100	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-16.300	-0.0095	-2.5 to 2.5	Pass

				-20	3.85	-14.900	-0.0087	-2.5 to 2.5	Pass
				-10	3.85	-16.900	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-14.000	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-14.900	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-11.400	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-8.600	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-6.000	-0.0035	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.500	0.0003	-2.5 to 2.5	Pass
					3.85	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.43	-10.000	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-17.800	-0.0103	-2.5 to 2.5	Pass
				-20	3.85	-16.800	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-18.500	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-16.500	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-12.600	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-13.700	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-17.400	-0.0100	-2.5 to 2.5	Pass
				50	3.85	-9.400	-0.0054	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-5.800	-0.0033	-2.5 to 2.5	Pass
					4.43	-15.400	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-13.800	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-18.200	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-14.800	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-13.600	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-13.300	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-14.200	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-12.800	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-14.200	-0.0081	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-5.000	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.200	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.400	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.300	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	2.400	0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.800	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.600	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.800	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-7.700	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-8.900	-0.0052	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-11.500	-0.0066	-2.5 to 2.5	Pass
					3.85	-10.200	-0.0059	-2.5 to 2.5	Pass
					4.43	-11.300	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-13.400	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-9.600	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-13.000	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-11.800	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-12.800	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-14.100	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-15.400	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-15.100	-0.0087	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-13.300	-0.0076	-2.5 to 2.5	Pass
					3.85	-11.100	-0.0063	-2.5 to 2.5	Pass
					4.43	-11.000	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-8.900	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-5.700	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-4.800	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.000	-0.0011	-2.5 to 2.5	Pass

				30	3.85	-4.100	-0.0023	-2.5 to 2.5	Pass
				40	3.85	1.600	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.600	0.0003	-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	17.500	0.0102	-2.5 to 2.5	Pass
					3.85	6.200	0.0036	-2.5 to 2.5	Pass
					4.43	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.800	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-6.300	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.000	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-4.400	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-4.200	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.400	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.900	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.200	-0.0024	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	7.100	0.0041	-2.5 to 2.5	Pass
					3.85	5.700	0.0033	-2.5 to 2.5	Pass
					4.43	-2.600	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.300	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.000	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.800	-0.0033	-2.5 to 2.5	Pass
				0	3.85	0.600	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.400	0.0008	-2.5 to 2.5	Pass
				40	3.85	4.000	0.0023	-2.5 to 2.5	Pass
				50	3.85	5.300	0.0031	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	8.300	0.0047	-2.5 to 2.5	Pass
					3.85	5.000	0.0029	-2.5 to 2.5	Pass
					4.43	-2.900	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-4.900	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.000	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-7.300	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-5.900	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-4.500	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.900	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-6.500	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.300	-0.0025	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-1.000	-0.0006	-2.5 to 2.5	Pass
					3.85	3.700	0.0022	-2.5 to 2.5	Pass
					4.43	5.000	0.0029	-2.5 to 2.5	Pass
				-30	3.85	7.400	0.0043	-2.5 to 2.5	Pass
				-20	3.85	5.700	0.0033	-2.5 to 2.5	Pass
				-10	3.85	7.800	0.0045	-2.5 to 2.5	Pass
				0	3.85	7.000	0.0041	-2.5 to 2.5	Pass
				10	3.85	10.500	0.0061	-2.5 to 2.5	Pass
				30	3.85	4.700	0.0027	-2.5 to 2.5	Pass
				40	3.85	5.000	0.0029	-2.5 to 2.5	Pass
				50	3.85	0.500	0.0003	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	8.000	0.0046	-2.5 to 2.5	Pass
					3.85	6.700	0.0039	-2.5 to 2.5	Pass
					4.43	10.700	0.0062	-2.5 to 2.5	Pass
				-30	3.85	11.500	0.0066	-2.5 to 2.5	Pass

				-20	3.85	11.100	0.0064	-2.5 to 2.5	Pass
				-10	3.85	11.600	0.0067	-2.5 to 2.5	Pass
				0	3.85	10.900	0.0063	-2.5 to 2.5	Pass
				10	3.85	9.400	0.0054	-2.5 to 2.5	Pass
				30	3.85	5.200	0.0030	-2.5 to 2.5	Pass
				40	3.85	7.000	0.0040	-2.5 to 2.5	Pass
				50	3.85	5.300	0.0031	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	6.000	0.0034	-2.5 to 2.5	Pass
					4.43	5.500	0.0031	-2.5 to 2.5	Pass
				-30	3.85	7.800	0.0045	-2.5 to 2.5	Pass
				-20	3.85	8.800	0.0050	-2.5 to 2.5	Pass
				-10	3.85	8.700	0.0050	-2.5 to 2.5	Pass
				0	3.85	8.200	0.0047	-2.5 to 2.5	Pass
				10	3.85	12.300	0.0070	-2.5 to 2.5	Pass
				30	3.85	10.500	0.0060	-2.5 to 2.5	Pass
				40	3.85	9.100	0.0052	-2.5 to 2.5	Pass
				50	3.85	11.700	0.0067	-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	5.300	0.0031	-2.5 to 2.5	Pass
					3.85	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.43	-16.100	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-20.200	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	-17.300	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-20.700	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-20.100	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-20.500	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-21.500	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-18.500	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-18.000	-0.0105	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	9.600	0.0055	-2.5 to 2.5	Pass
					3.85	9.000	0.0052	-2.5 to 2.5	Pass
					4.43	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.000	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.200	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.100	-0.0018	-2.5 to 2.5	Pass
				0	3.85	1.700	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.200	0.0013	-2.5 to 2.5	Pass
				40	3.85	3.100	0.0018	-2.5 to 2.5	Pass
				50	3.85	4.700	0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	0.500	0.0003	-2.5 to 2.5	Pass
					3.85	-2.700	-0.0015	-2.5 to 2.5	Pass
					4.43	-6.500	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-7.000	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-5.500	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.100	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.800	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.100	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.600	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.200	-0.0007	-2.5 to 2.5	Pass
				50	3.85	3.200	0.0018	-2.5 to 2.5	Pass

16QAM	1720	100	0	20	3.27	-15.600	-0.0091	-2.5 to 2.5	Pass
					3.85	-13.500	-0.0078	-2.5 to 2.5	Pass
					4.43	-13.800	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-14.900	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-14.200	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-14.800	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-15.400	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-15.600	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-20.200	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-20.300	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-23.200	-0.0135	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	4.100	0.0024	-2.5 to 2.5	Pass
					3.85	6.300	0.0036	-2.5 to 2.5	Pass
					4.43	8.400	0.0048	-2.5 to 2.5	Pass
				-30	3.85	7.200	0.0042	-2.5 to 2.5	Pass
				-20	3.85	11.200	0.0065	-2.5 to 2.5	Pass
				-10	3.85	6.300	0.0036	-2.5 to 2.5	Pass
				0	3.85	6.200	0.0036	-2.5 to 2.5	Pass
				10	3.85	6.000	0.0035	-2.5 to 2.5	Pass
				30	3.85	7.700	0.0044	-2.5 to 2.5	Pass
				40	3.85	10.700	0.0062	-2.5 to 2.5	Pass
				50	3.85	7.600	0.0044	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	2.600	0.0015	-2.5 to 2.5	Pass
					3.85	7.600	0.0044	-2.5 to 2.5	Pass
					4.43	8.900	0.0051	-2.5 to 2.5	Pass
				-30	3.85	10.300	0.0059	-2.5 to 2.5	Pass
				-20	3.85	12.700	0.0073	-2.5 to 2.5	Pass
				-10	3.85	12.400	0.0071	-2.5 to 2.5	Pass
				0	3.85	13.500	0.0077	-2.5 to 2.5	Pass
				10	3.85	13.900	0.0080	-2.5 to 2.5	Pass
				30	3.85	9.900	0.0057	-2.5 to 2.5	Pass
				40	3.85	12.000	0.0069	-2.5 to 2.5	Pass
				50	3.85	12.800	0.0073	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

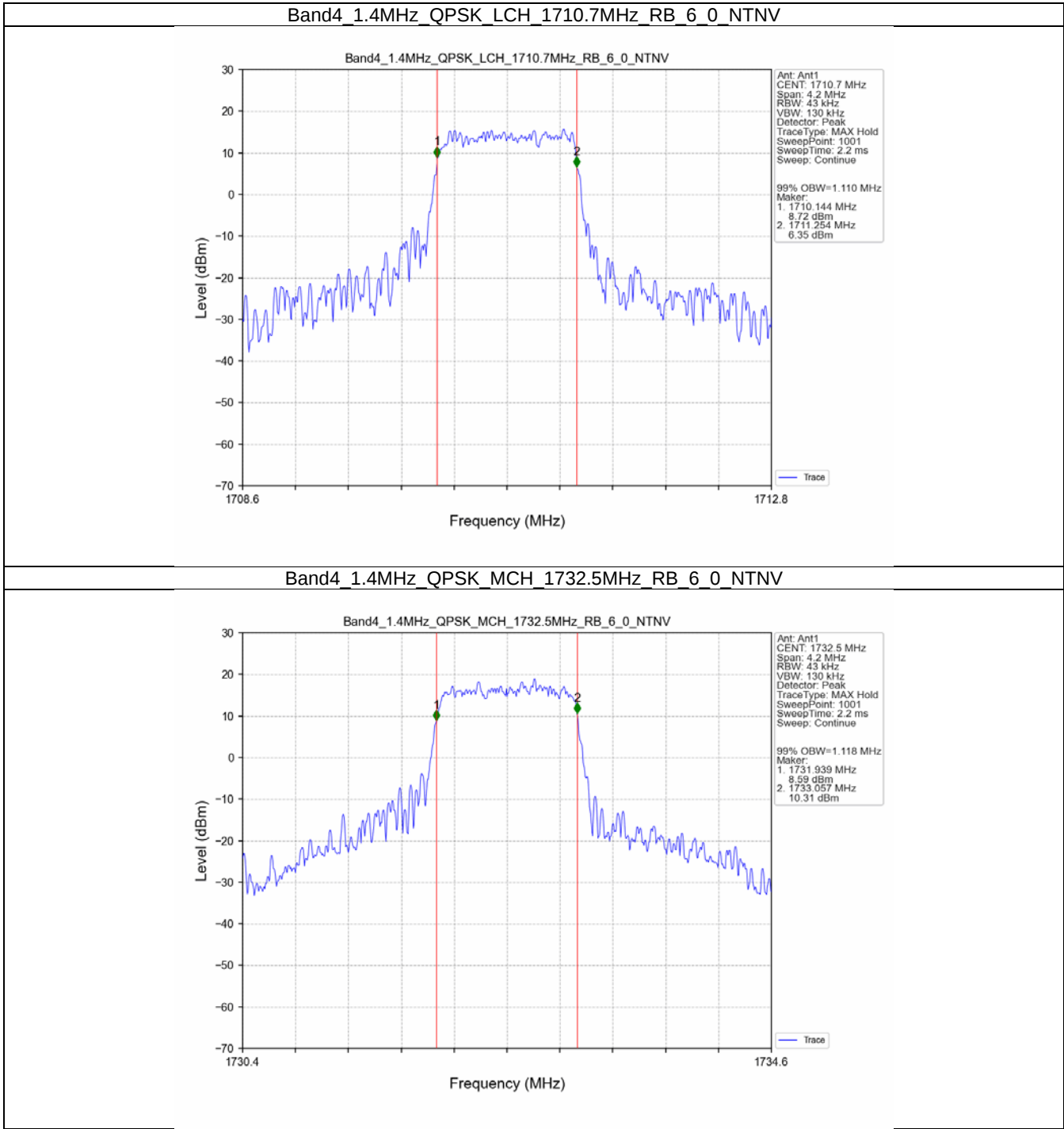
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.110	/	Pass
		1732.5	6	0	1.118	/	Pass
		1754.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.127	/	Pass
		1732.5	6	0	1.122	/	Pass
		1754.3	6	0	1.124	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.741	/	Pass
		1753.5	15	0	2.741	/	Pass
	16QAM	1711.5	15	0	2.733	/	Pass
		1732.5	15	0	2.748	/	Pass
		1753.5	15	0	2.743	/	Pass
5	QPSK	1712.5	25	0	4.579	/	Pass
		1732.5	25	0	4.540	/	Pass
		1752.5	25	0	4.559	/	Pass
	16QAM	1712.5	25	0	4.549	/	Pass
		1732.5	25	0	4.537	/	Pass
		1752.5	25	0	4.561	/	Pass
10	QPSK	1715	50	0	9.079	/	Pass
		1732.5	50	0	9.103	/	Pass
		1750	50	0	9.091	/	Pass
	16QAM	1715	50	0	9.078	/	Pass
		1732.5	50	0	9.042	/	Pass
		1750	50	0	9.065	/	Pass
15	QPSK	1717.5	75	0	13.629	/	Pass
		1732.5	75	0	13.614	/	Pass
		1747.5	75	0	13.635	/	Pass
	16QAM	1717.5	75	0	13.634	/	Pass
		1732.5	75	0	13.616	/	Pass
		1747.5	75	0	13.644	/	Pass
20	QPSK	1720	100	0	18.132	/	Pass
		1732.5	100	0	18.116	/	Pass
		1745	100	0	18.225	/	Pass
	16QAM	1720	100	0	18.140	/	Pass
		1732.5	100	0	18.142	/	Pass
		1745	100	0	18.165	/	Pass

3.1.2 Band4_XDB

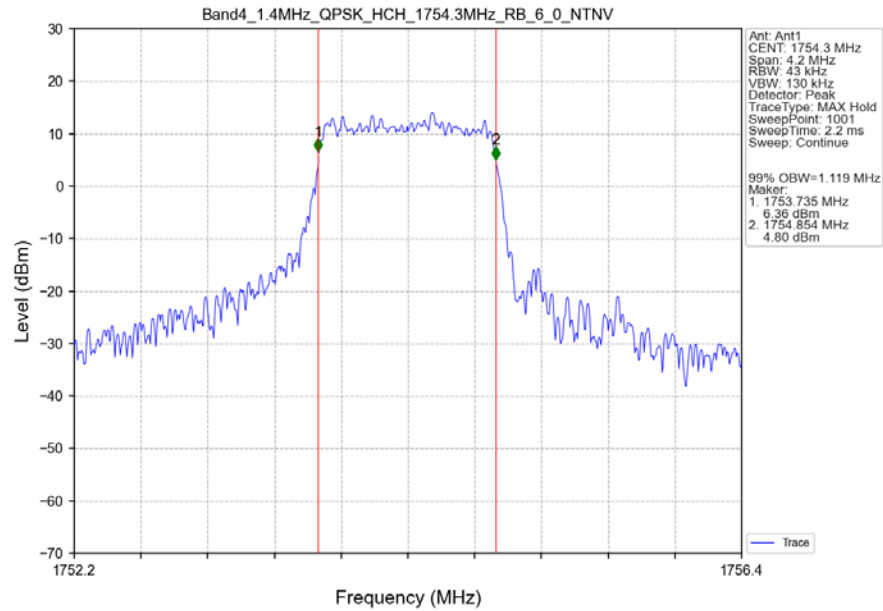
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.415	/	Pass
		1732.5	6	0	1.418	/	Pass
		1754.3	6	0	1.305	/	Pass
	16QAM	1710.7	6	0	1.315	/	Pass
		1732.5	6	0	1.469	/	Pass
		1754.3	6	0	1.535	/	Pass
3	QPSK	1711.5	15	0	3.162	/	Pass
		1732.5	15	0	3.131	/	Pass
		1753.5	15	0	3.321	/	Pass
	16QAM	1711.5	15	0	3.231	/	Pass
		1732.5	15	0	3.193	/	Pass
		1753.5	15	0	3.297	/	Pass
5	QPSK	1712.5	25	0	5.509	/	Pass
		1732.5	25	0	5.696	/	Pass
		1752.5	25	0	5.546	/	Pass
	16QAM	1712.5	25	0	5.812	/	Pass
		1732.5	25	0	5.816	/	Pass
		1752.5	25	0	5.800	/	Pass
10	QPSK	1715	50	0	10.305	/	Pass
		1732.5	50	0	10.518	/	Pass
		1750	50	0	10.352	/	Pass
	16QAM	1715	50	0	10.315	/	Pass
		1732.5	50	0	10.003	/	Pass
		1750	50	0	10.191	/	Pass
15	QPSK	1717.5	75	0	15.180	/	Pass
		1732.5	75	0	15.829	/	Pass
		1747.5	75	0	15.841	/	Pass
	16QAM	1717.5	75	0	15.686	/	Pass
		1732.5	75	0	15.213	/	Pass
		1747.5	75	0	16.255	/	Pass
20	QPSK	1720	100	0	20.268	/	Pass
		1732.5	100	0	20.725	/	Pass
		1745	100	0	21.022	/	Pass
	16QAM	1720	100	0	20.671	/	Pass
		1732.5	100	0	20.623	/	Pass
		1745	100	0	20.891	/	Pass

3.2 Test Graph

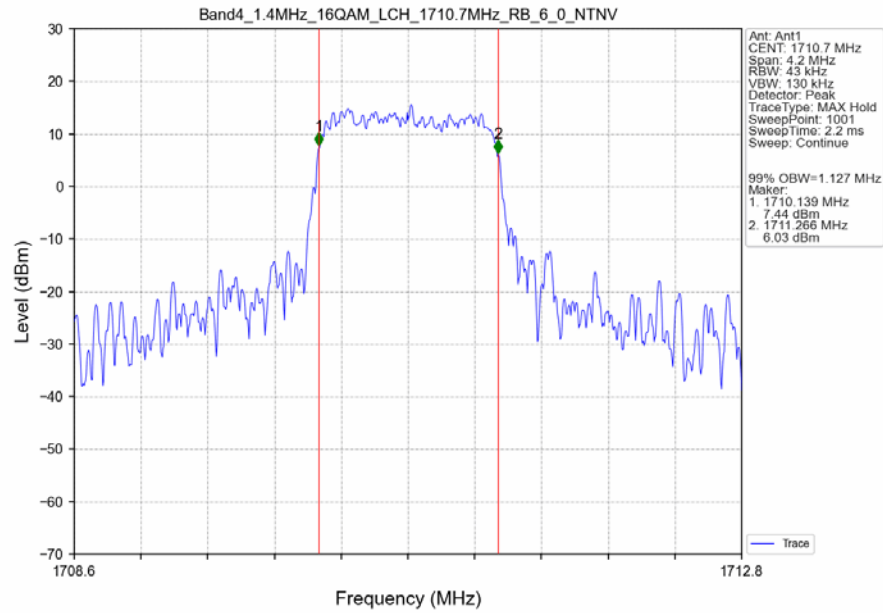
3.2.1 Band4_OBW



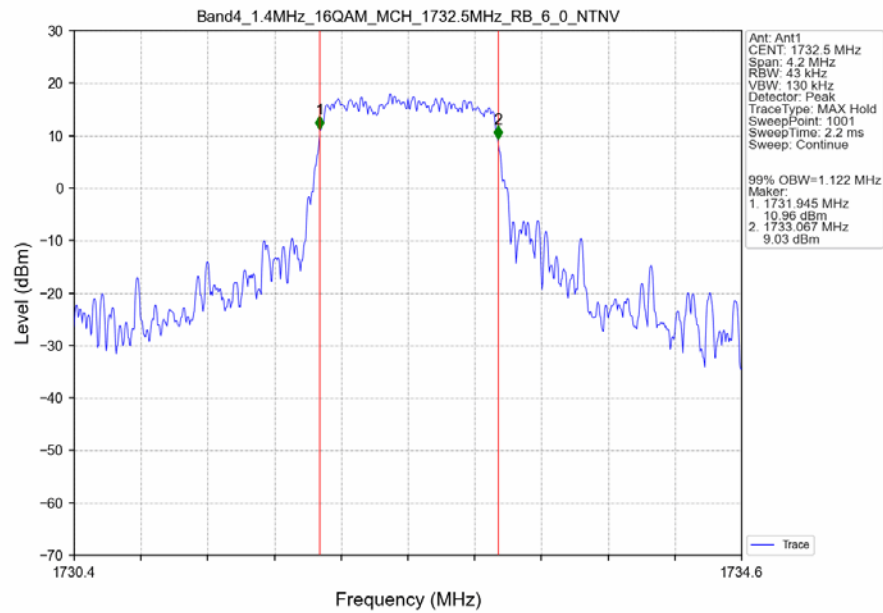
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



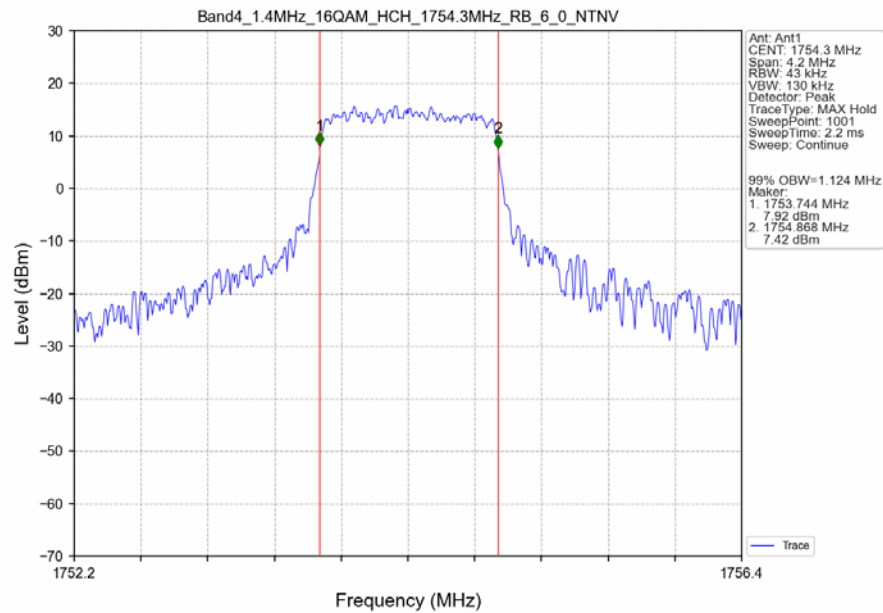
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



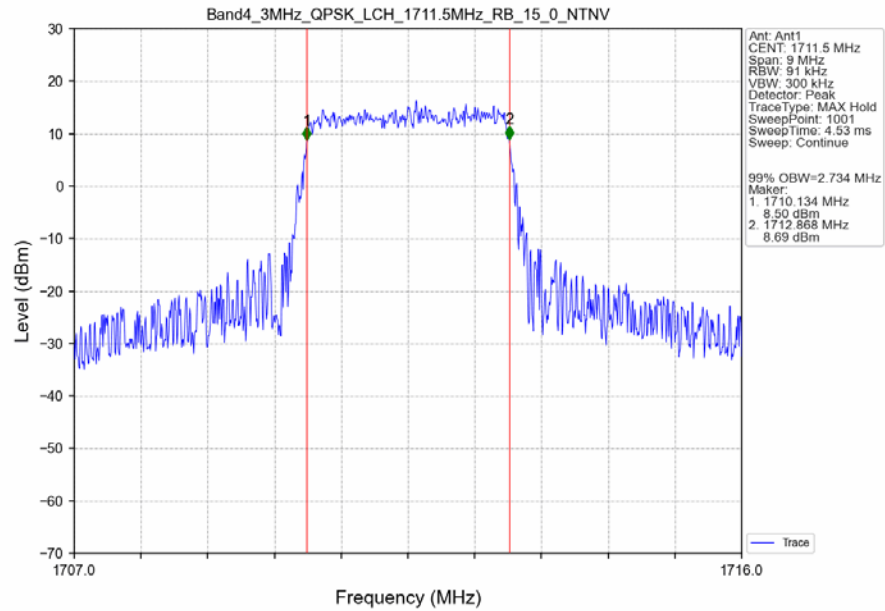
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTV



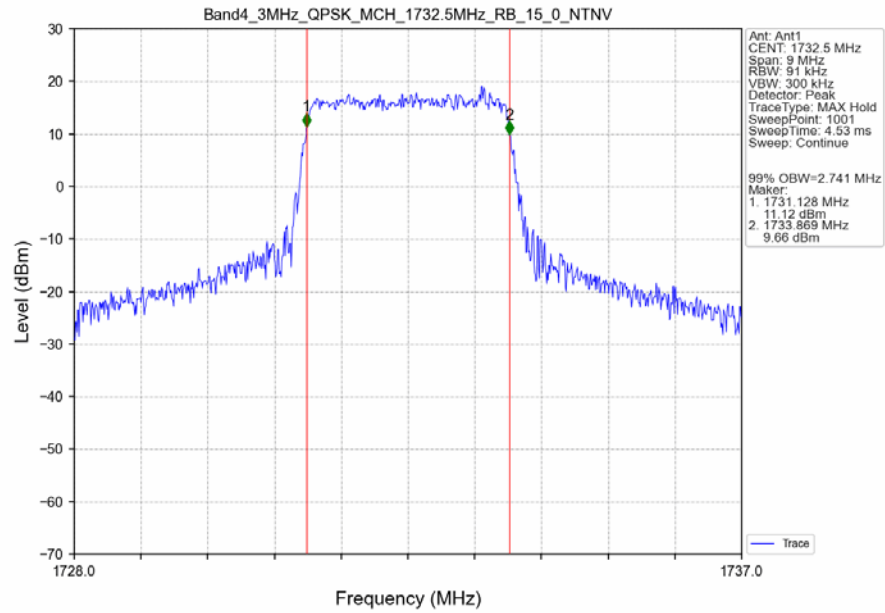
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTV



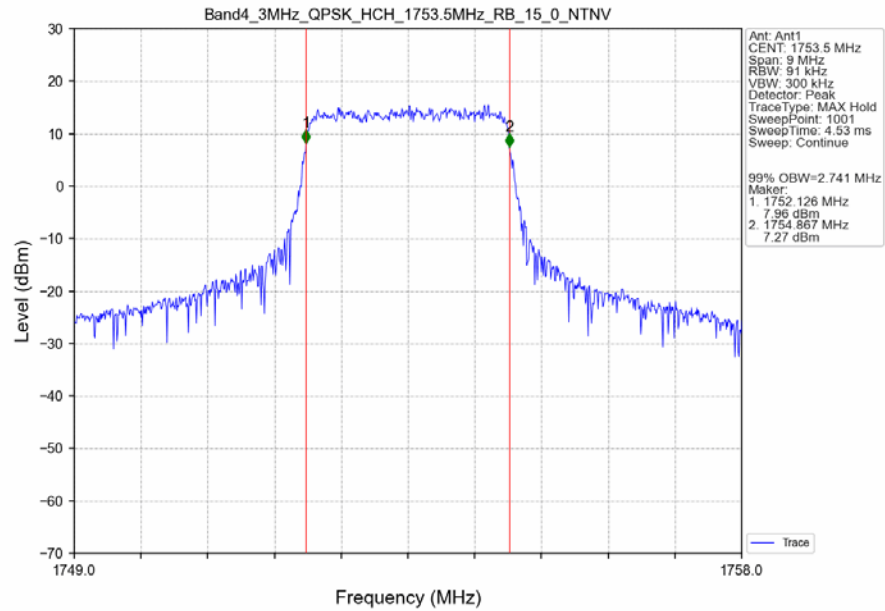
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



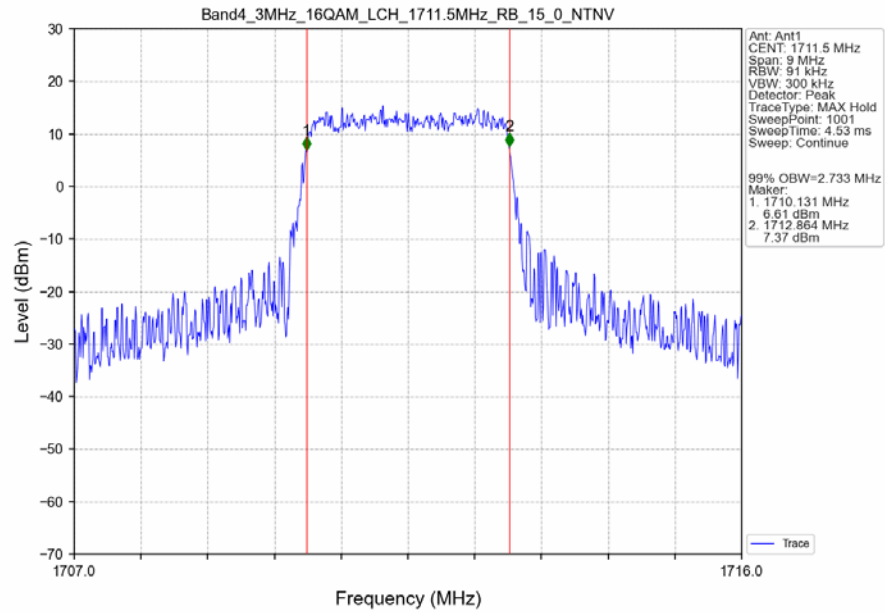
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



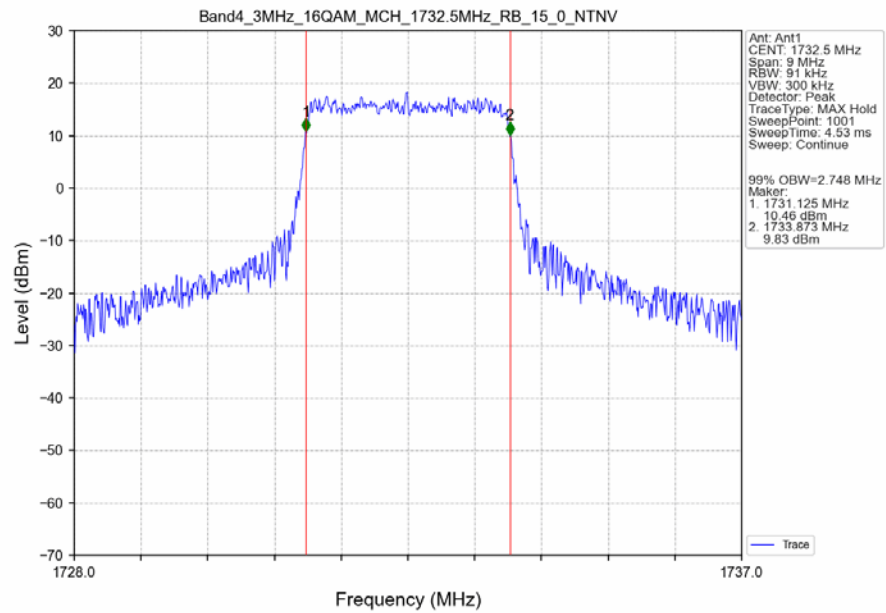
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



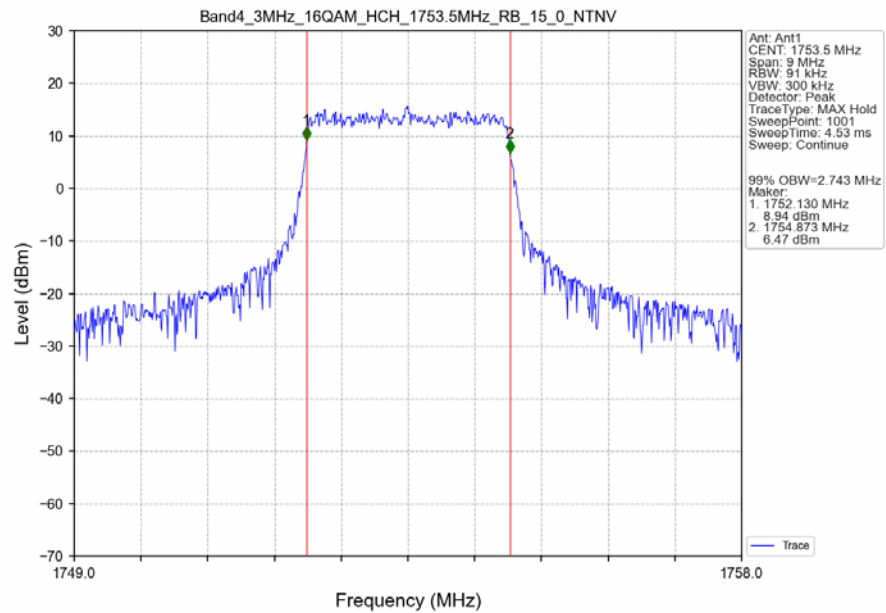
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV



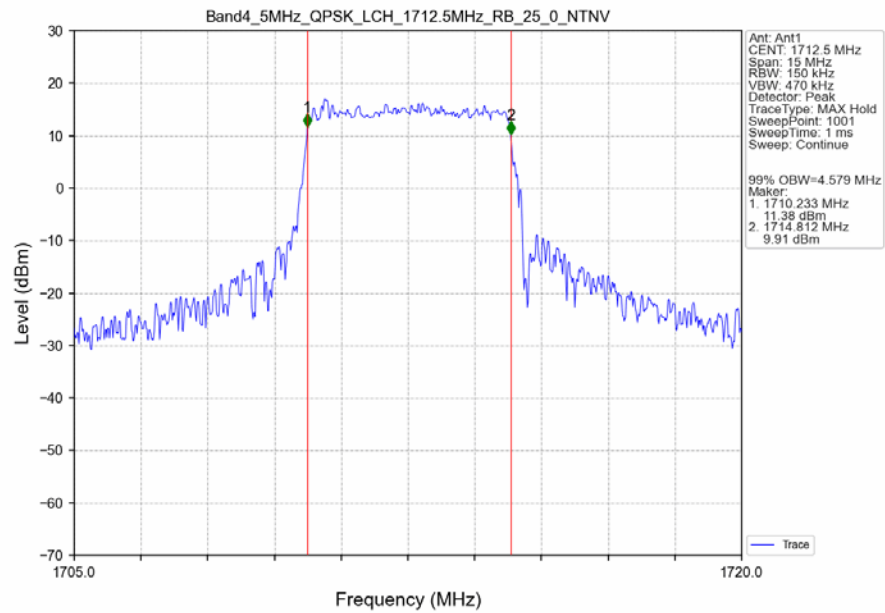
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



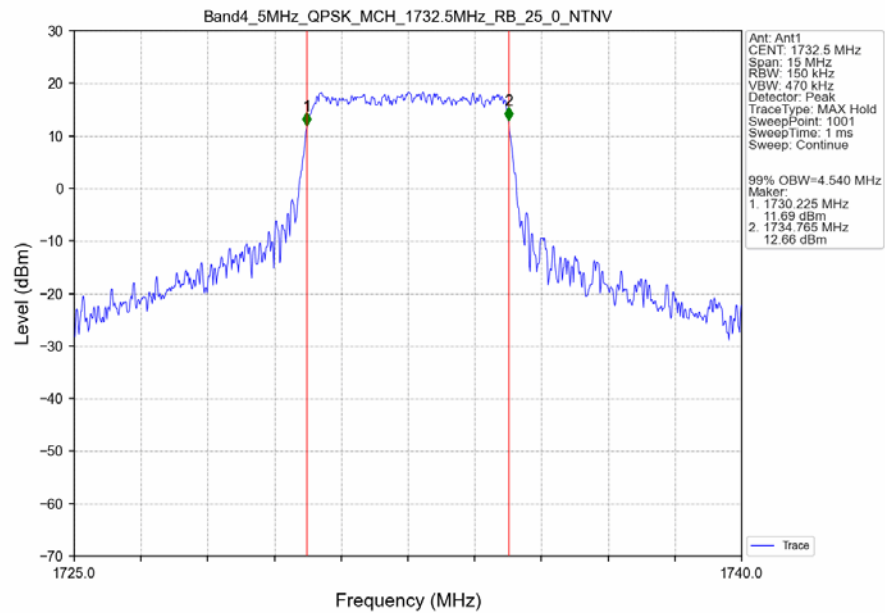
Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTV



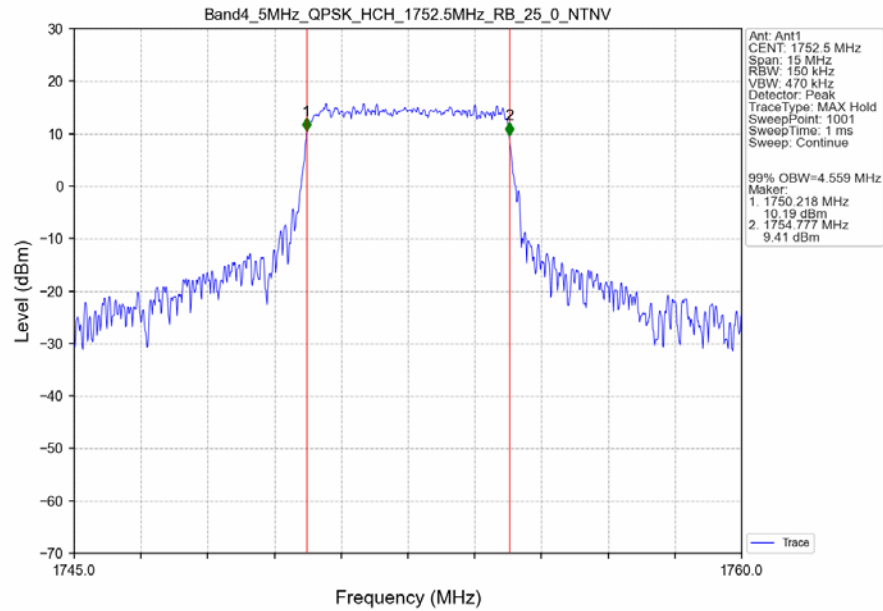
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN



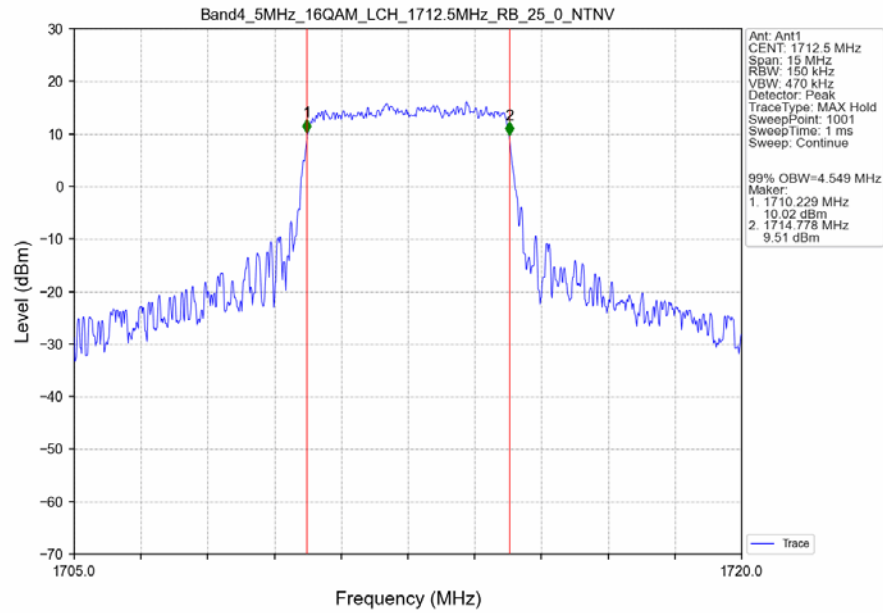
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



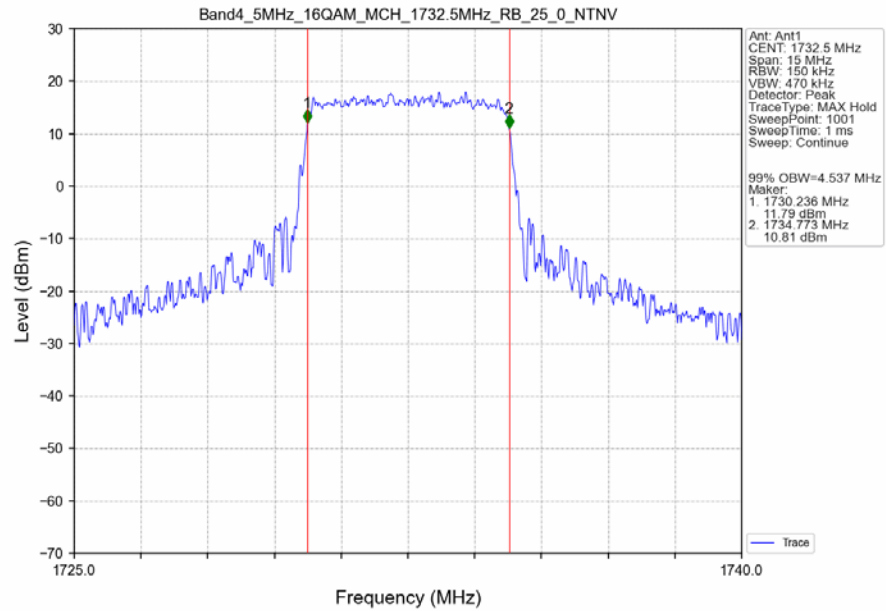
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



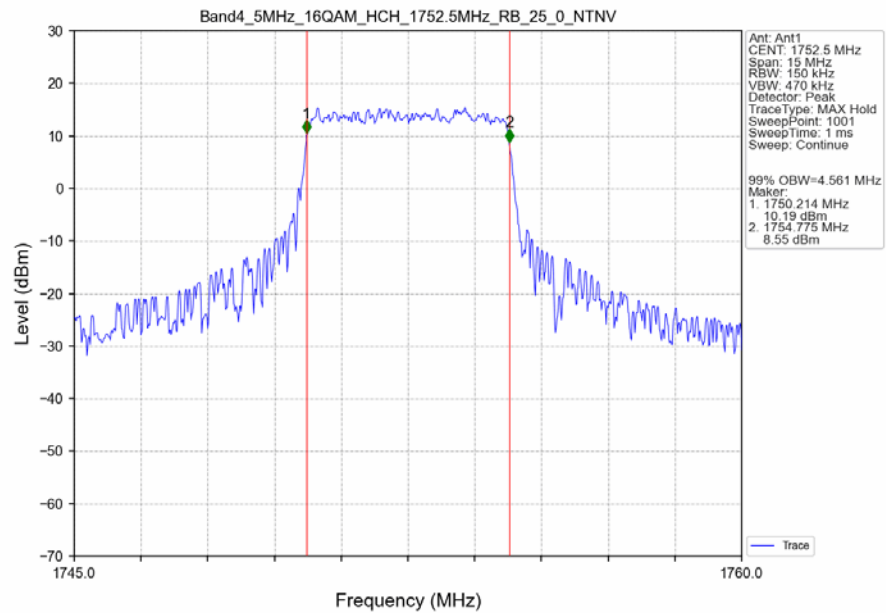
Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



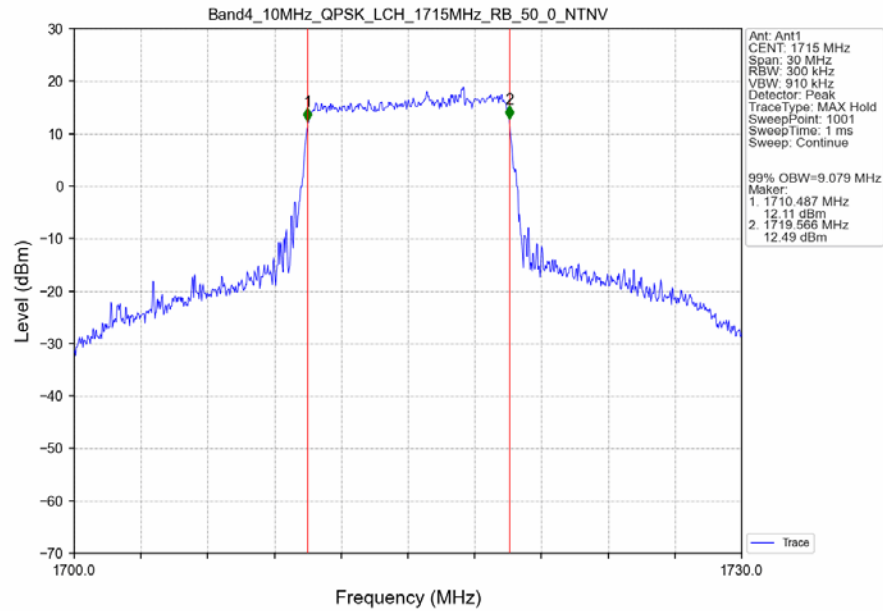
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



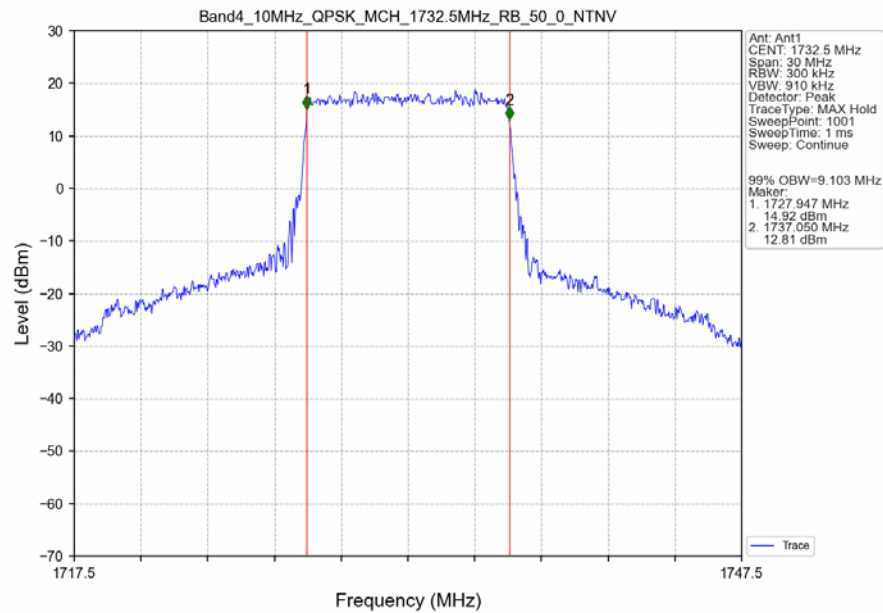
Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTV



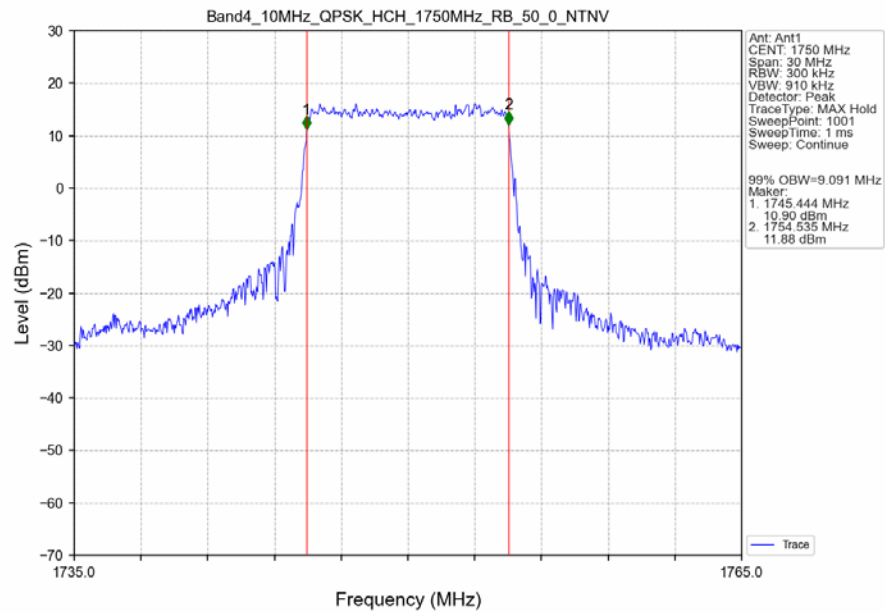
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



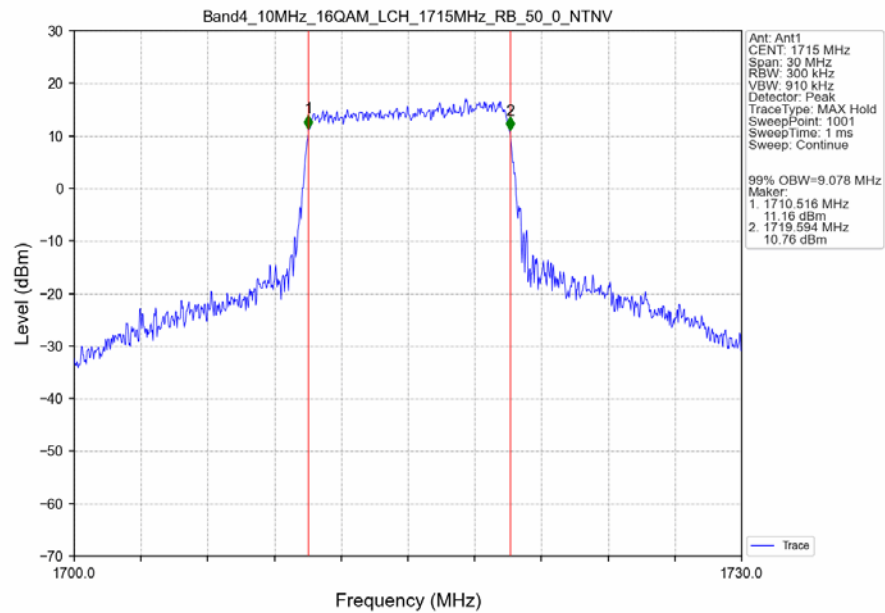
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



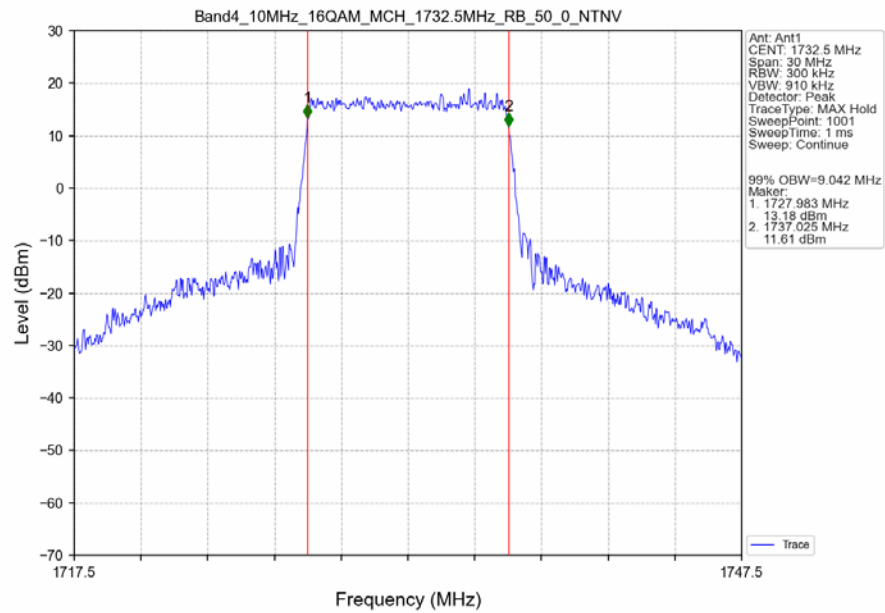
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



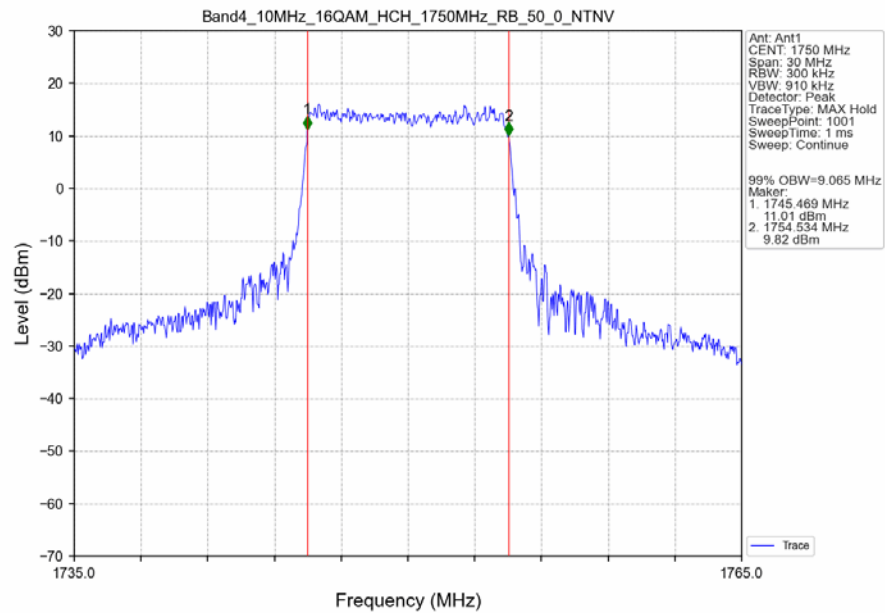
Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



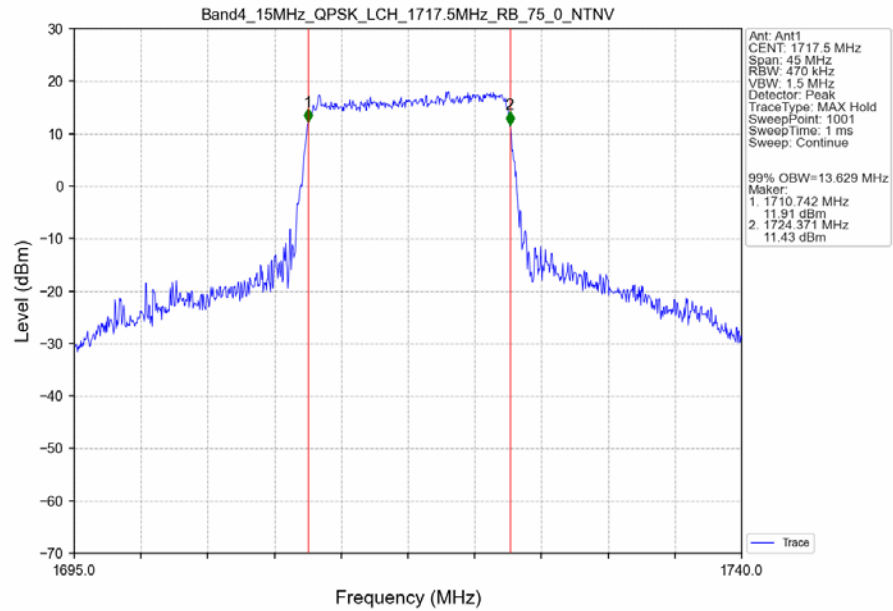
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



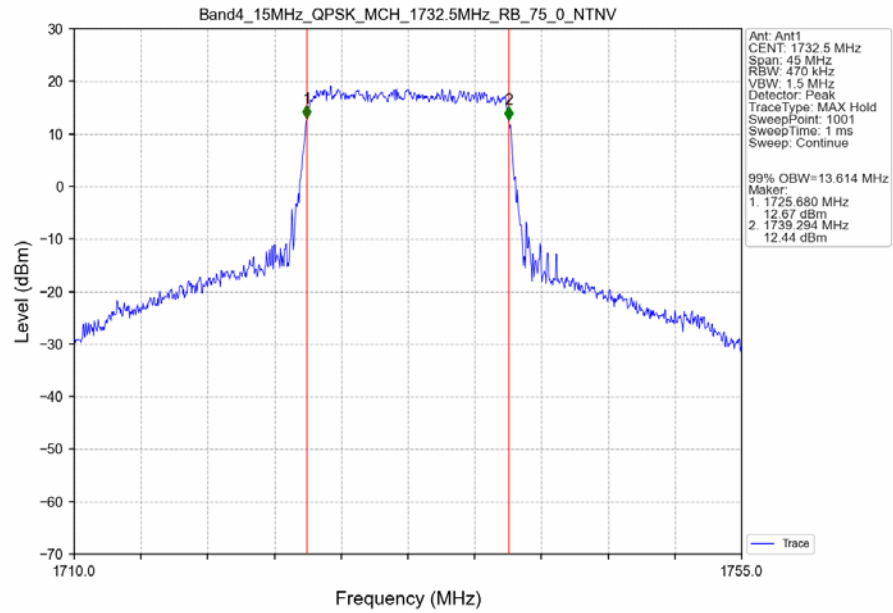
Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTN



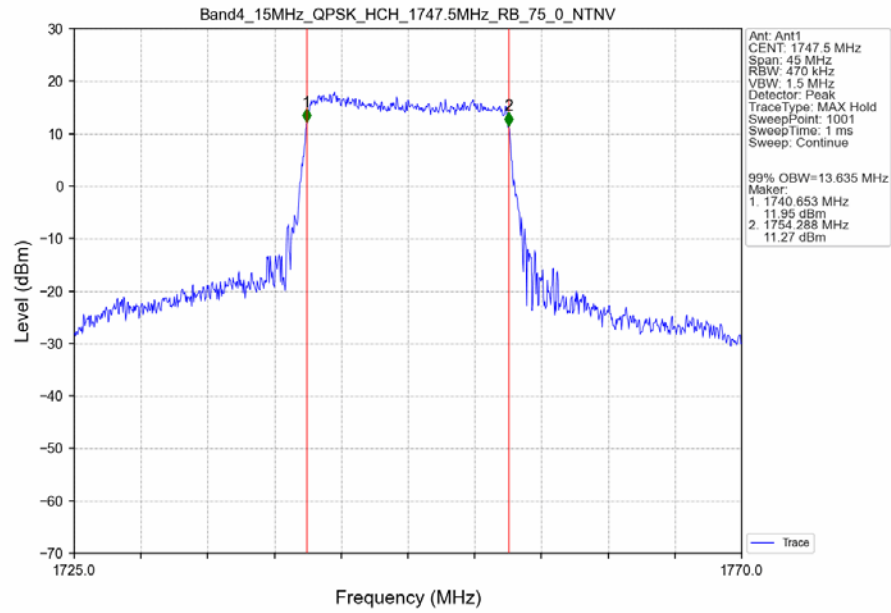
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



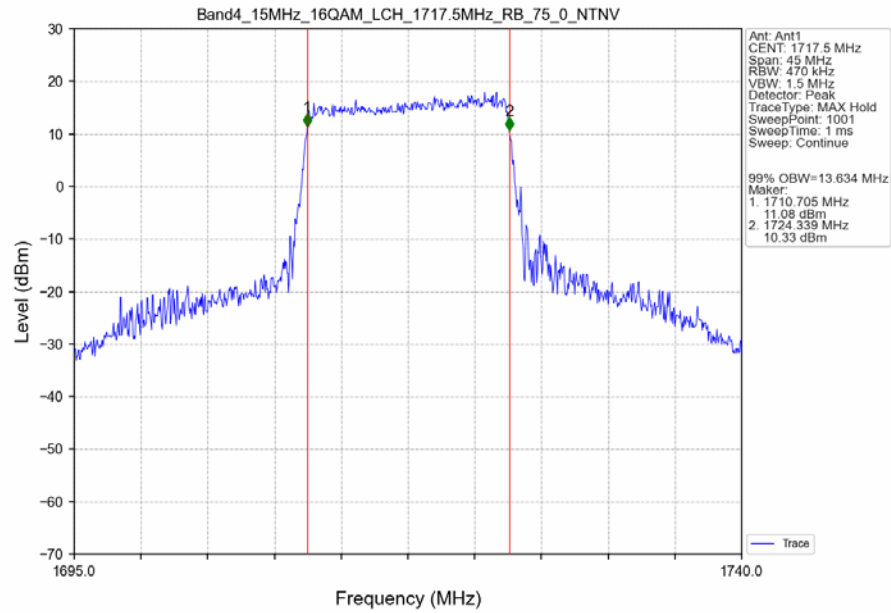
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



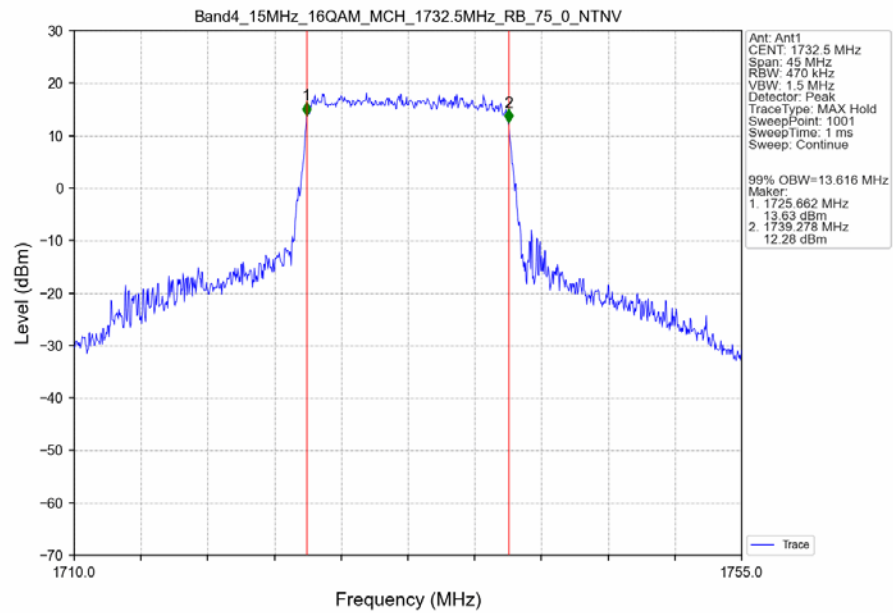
Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV



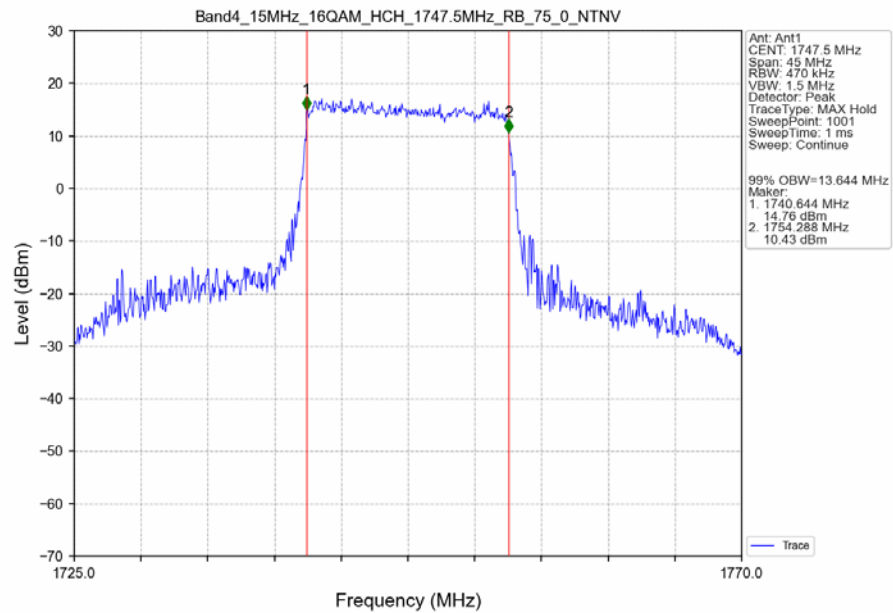
Band4 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTNV



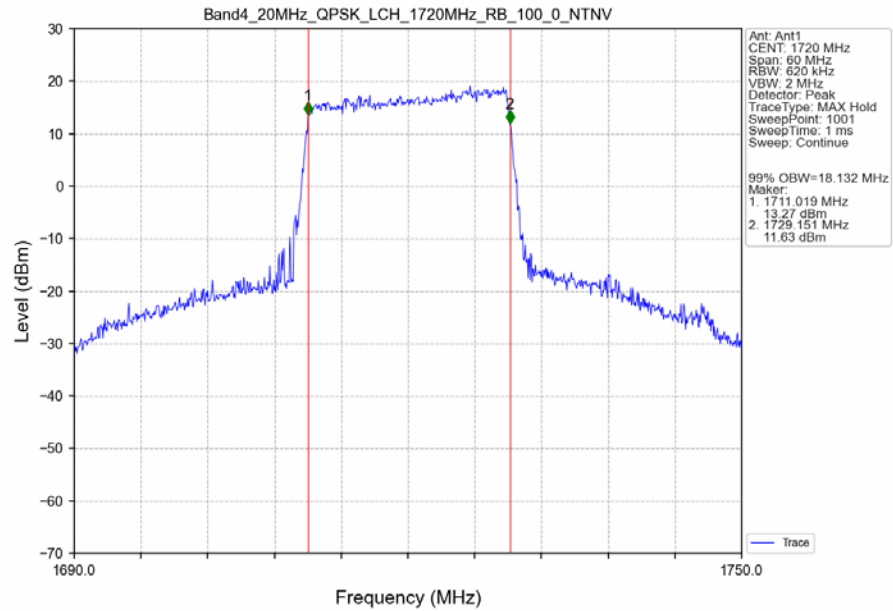
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



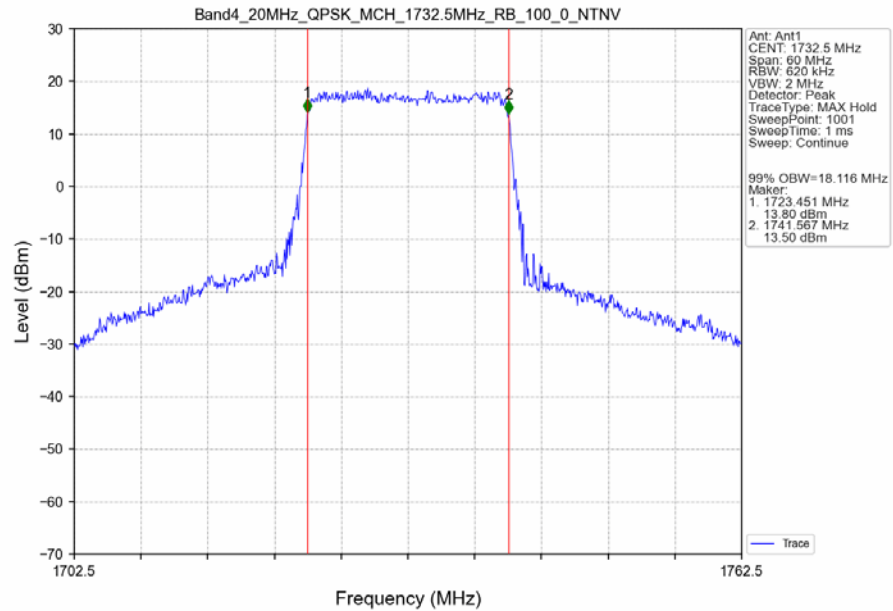
Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN



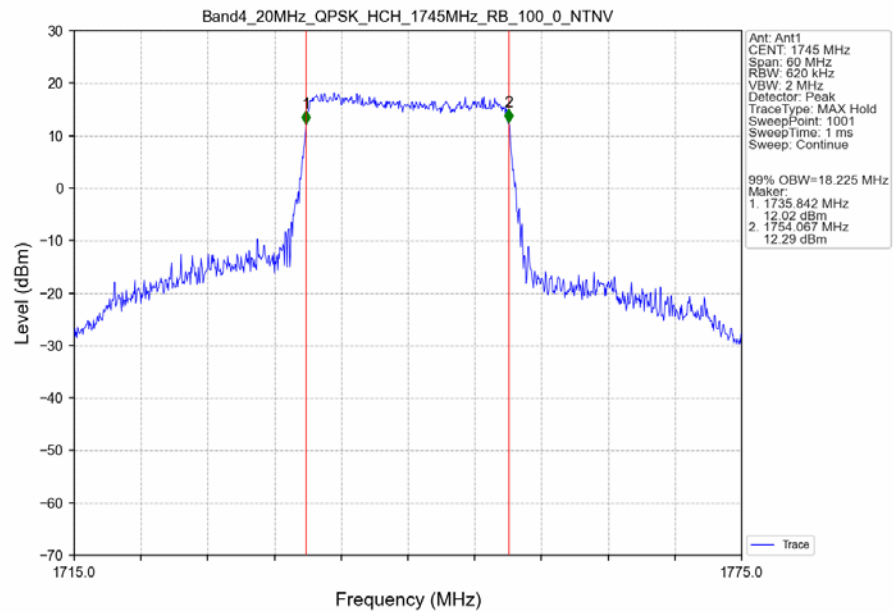
Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTV



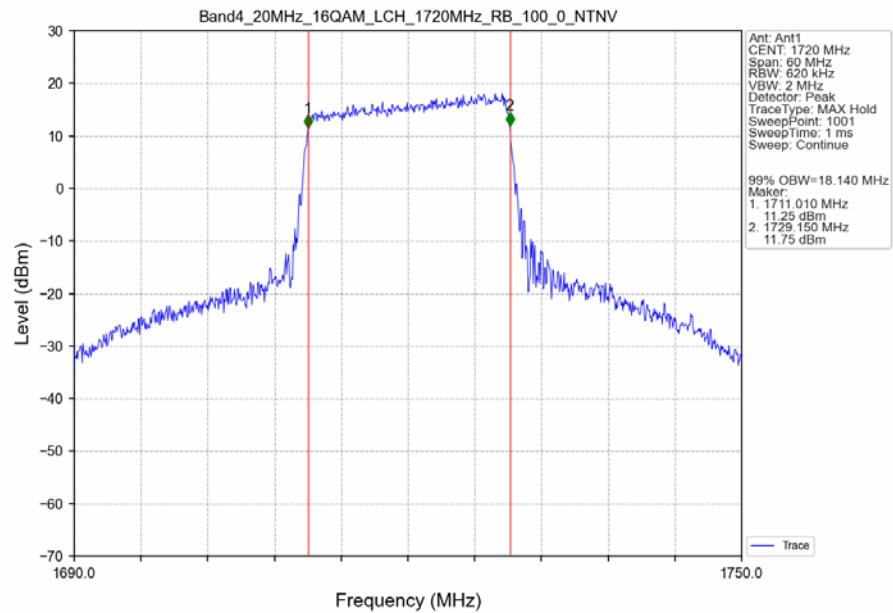
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



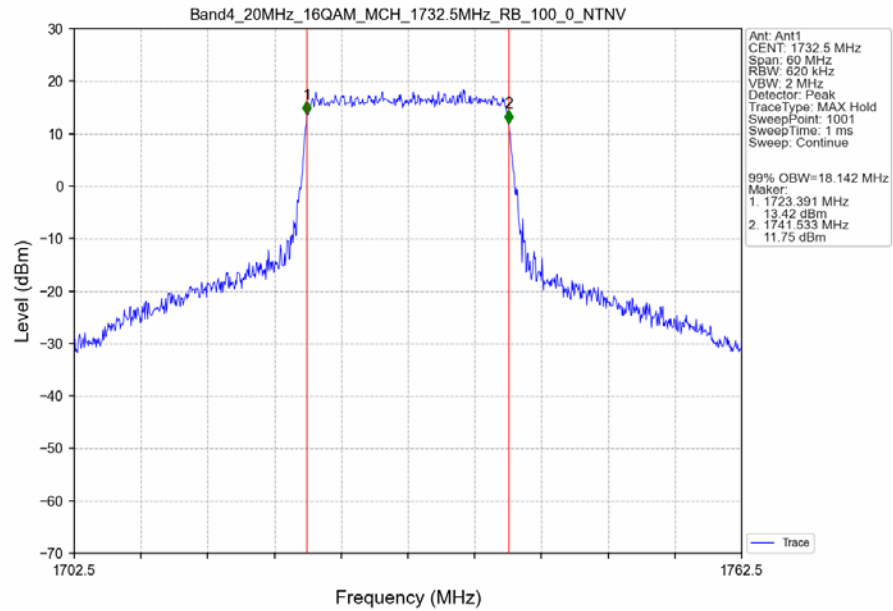
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



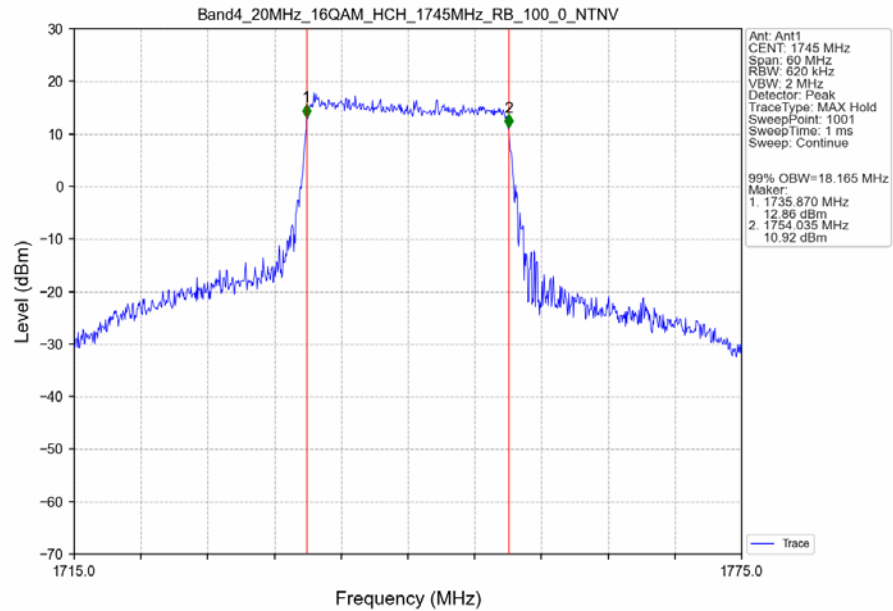
Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



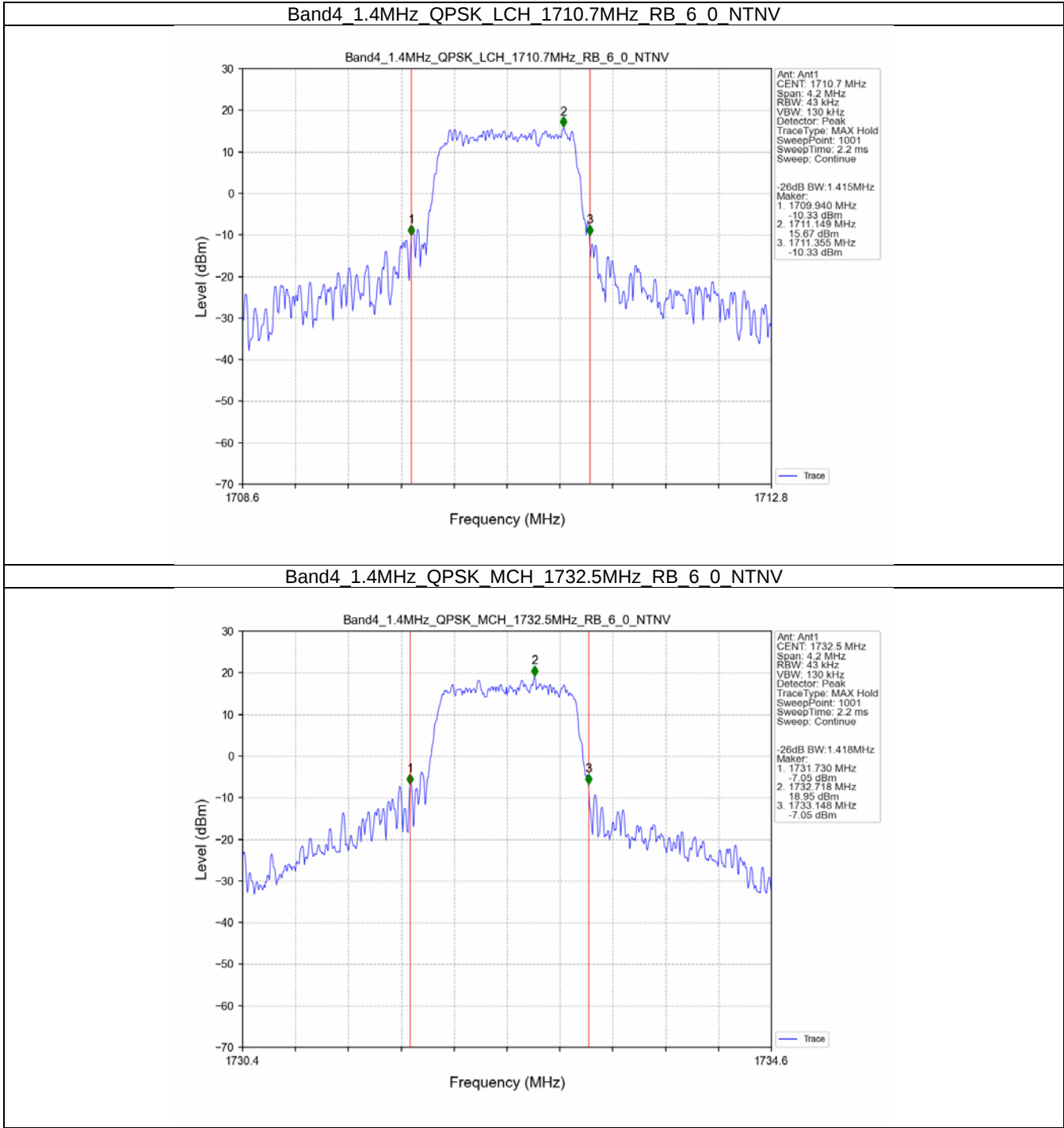
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



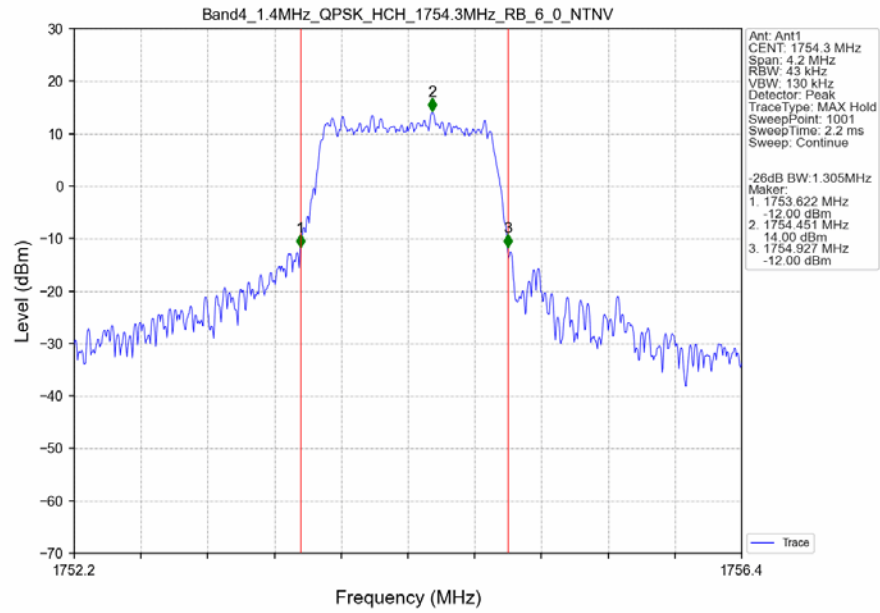
Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



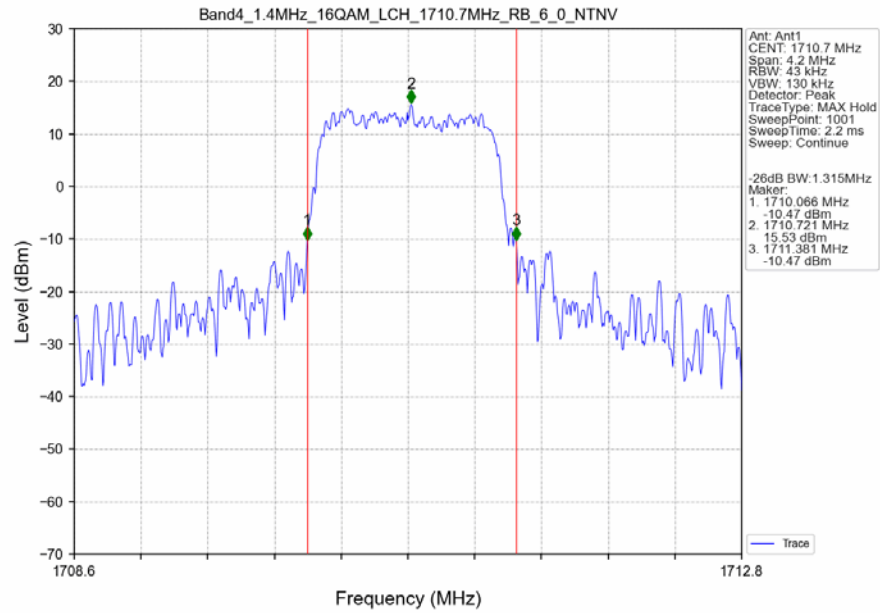
3.2.2 Band4_XDB



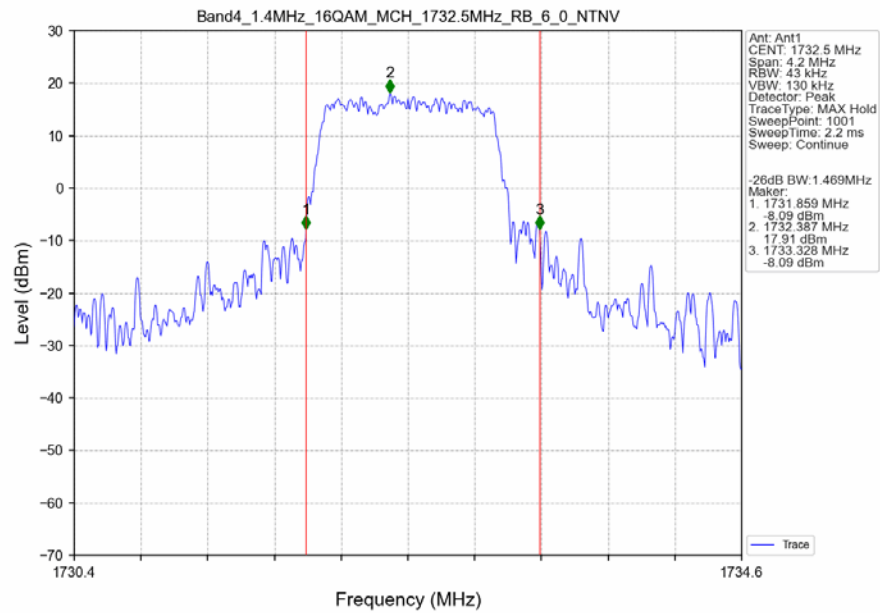
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



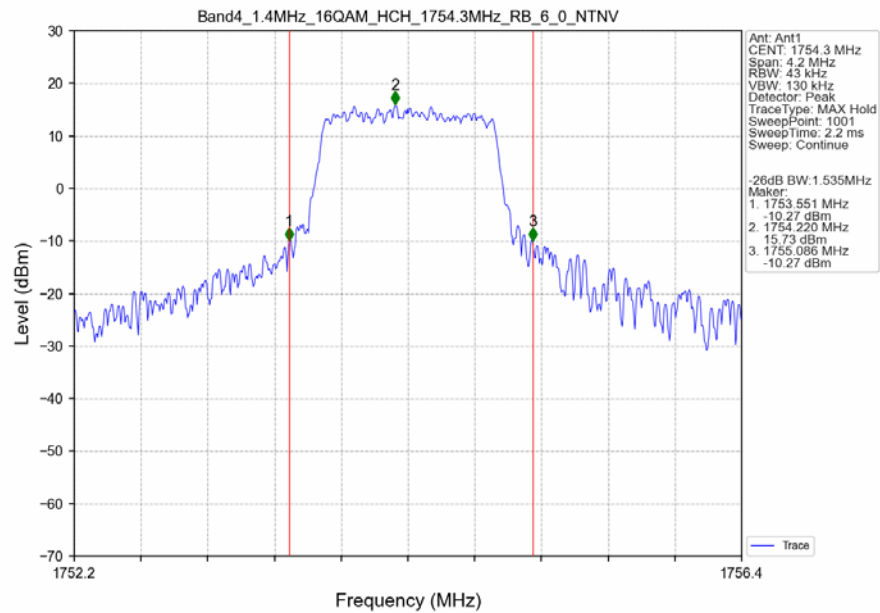
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



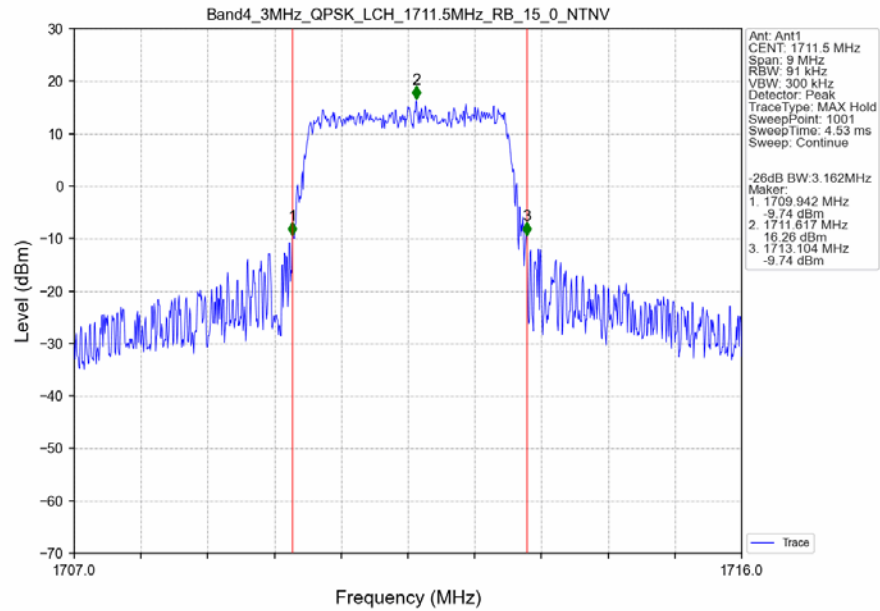
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



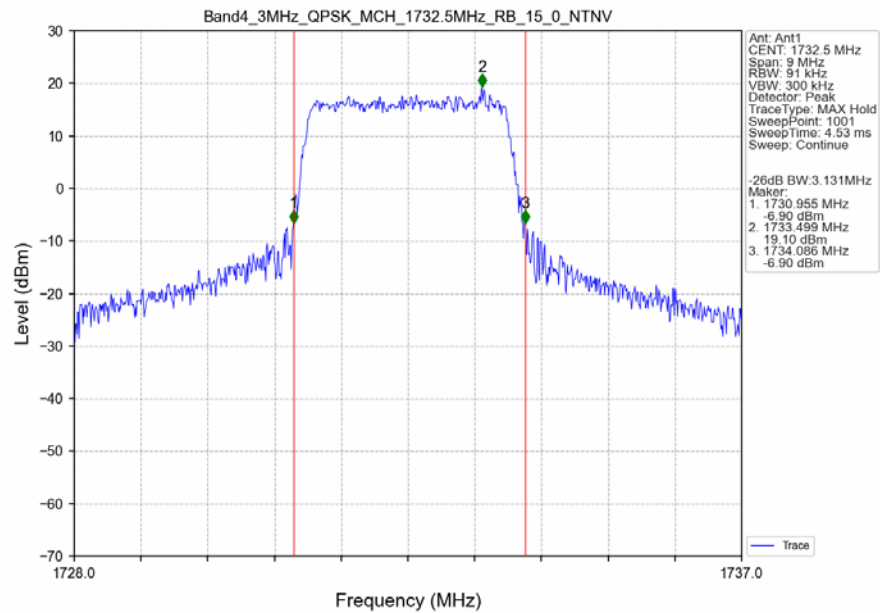
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



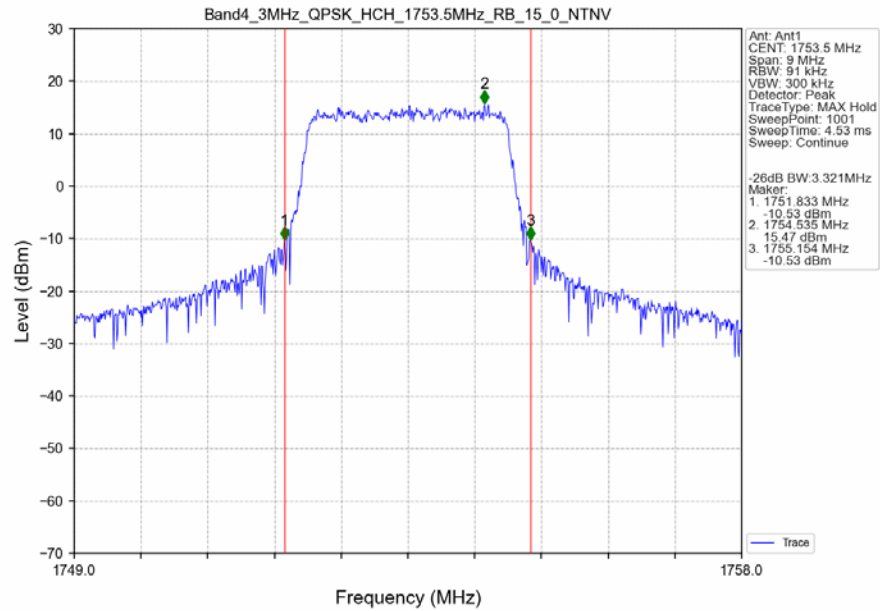
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



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

