

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	24.91	0.69	25.60	<=30	Pass		
			2	24.96	0.69	25.65	<=30	Pass		
			5	24.94	0.69	25.63	<=30	Pass		
		3	0	25.01	0.69	25.70	<=30	Pass		
			2	25.00	0.69	25.69	<=30	Pass		
			3	24.97	0.69	25.66	<=30	Pass		
		6	0	23.81	0.69	24.50	<=30	Pass		
		1732.5	1	0	25.33	0.69	26.02	<=30	Pass	
				2	25.38	0.69	26.07	<=30	Pass	
	5			25.35	0.69	26.04	<=30	Pass		
	3		0	25.29	0.69	25.98	<=30	Pass		
			2	25.43	0.69	26.12	<=30	Pass		
			3	25.37	0.69	26.06	<=30	Pass		
	6		0	24.26	0.69	24.95	<=30	Pass		
	1754.3	1	0	25.09	0.69	25.78	<=30	Pass		
			2	25.19	0.69	25.88	<=30	Pass		
			5	25.34	0.69	26.03	<=30	Pass		
		3	0	25.09	0.69	25.78	<=30	Pass		
			2	25.06	0.69	25.75	<=30	Pass		
			3	25.20	0.69	25.89	<=30	Pass		
		6	0	24.02	0.69	24.71	<=30	Pass		
		16QAM	1710.7	1	0	24.71	0.69	25.40	<=30	Pass
					2	24.77	0.69	25.46	<=30	Pass
	5				24.27	0.69	24.96	<=30	Pass	
3	0			24.10	0.69	24.79	<=30	Pass		
	2			24.06	0.69	24.75	<=30	Pass		
	3			24.12	0.69	24.81	<=30	Pass		
6	0			23.22	0.69	23.91	<=30	Pass		
1732.5	1			0	24.26	0.69	24.95	<=30	Pass	
				2	24.41	0.69	25.10	<=30	Pass	
			5	24.26	0.69	24.95	<=30	Pass		
	3		0	24.35	0.69	25.04	<=30	Pass		
			2	24.27	0.69	24.96	<=30	Pass		
			3	24.29	0.69	24.98	<=30	Pass		
	6		0	23.20	0.69	23.89	<=30	Pass		
1754.3	1		0	24.30	0.69	24.99	<=30	Pass		
			2	24.30	0.69	24.99	<=30	Pass		
			5	24.31	0.69	25.00	<=30	Pass		
	3		0	24.11	0.69	24.80	<=30	Pass		
			2	24.17	0.69	24.86	<=30	Pass		
			3	24.14	0.69	24.83	<=30	Pass		
	6		0	22.92	0.69	23.61	<=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	25.02	0.69	25.71	<=30	Pass		
			7	25.12	0.69	25.81	<=30	Pass		
			14	25.06	0.69	25.75	<=30	Pass		
		8	0	24.08	0.69	24.77	<=30	Pass		
			4	24.05	0.69	24.74	<=30	Pass		
			7	24.05	0.69	24.74	<=30	Pass		
		15	0	24.09	0.69	24.78	<=30	Pass		
		1732.5	1	0	24.98	0.69	25.67	<=30	Pass	
				7	25.33	0.69	26.02	<=30	Pass	
	14			25.17	0.69	25.86	<=30	Pass		
	8		0	24.17	0.69	24.86	<=30	Pass		
			4	24.20	0.69	24.89	<=30	Pass		
			7	24.19	0.69	24.88	<=30	Pass		
	15		0	24.15	0.69	24.84	<=30	Pass		
	1753.5		1	0	25.18	0.69	25.87	<=30	Pass	
				7	25.54	0.69	26.23	<=30	Pass	
		14		25.38	0.69	26.07	<=30	Pass		
		8	0	23.97	0.69	24.66	<=30	Pass		
			4	24.07	0.69	24.76	<=30	Pass		
			7	24.08	0.69	24.77	<=30	Pass		
		15	0	24.09	0.69	24.78	<=30	Pass		
		16QAM	1711.5	1	0	24.25	0.69	24.94	<=30	Pass
					7	24.47	0.69	25.16	<=30	Pass
	14				24.47	0.69	25.16	<=30	Pass	
8	0			23.34	0.69	24.03	<=30	Pass		
	4			23.31	0.69	24.00	<=30	Pass		
	7			23.33	0.69	24.02	<=30	Pass		
15	0			23.14	0.69	23.83	<=30	Pass		
1732.5	1			0	24.55	0.69	25.24	<=30	Pass	
				7	24.61	0.69	25.30	<=30	Pass	
			14	24.50	0.69	25.19	<=30	Pass		
	8		0	23.38	0.69	24.07	<=30	Pass		
			4	23.45	0.69	24.14	<=30	Pass		
			7	23.45	0.69	24.14	<=30	Pass		
	15		0	23.19	0.69	23.88	<=30	Pass		
	1753.5		1	0	24.09	0.69	24.78	<=30	Pass	
				7	24.37	0.69	25.06	<=30	Pass	
14				24.06	0.69	24.75	<=30	Pass		
8			0	23.29	0.69	23.98	<=30	Pass		
			4	23.29	0.69	23.98	<=30	Pass		
			7	23.29	0.69	23.98	<=30	Pass		
15			0	23.17	0.69	23.86	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.3 B4 5MHz EIRP

Band: 4 / Bandwidth: 5MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1712.5	1	0	24.90	0.69	25.59	<=30	Pass	
			13	25.30	0.69	25.99	<=30	Pass	
			24	25.14	0.69	25.83	<=30	Pass	
		12	0	24.08	0.69	24.77	<=30	Pass	
			6	24.24	0.69	24.93	<=30	Pass	
			13	24.19	0.69	24.88	<=30	Pass	
		25	0	24.12	0.69	24.81	<=30	Pass	
		1732.5	1	0	24.94	0.69	25.63	<=30	Pass
				13	25.35	0.69	26.04	<=30	Pass
	24			24.79	0.69	25.48	<=30	Pass	
	12		0	24.21	0.69	24.90	<=30	Pass	
			6	24.13	0.69	24.82	<=30	Pass	
			13	24.24	0.69	24.93	<=30	Pass	
	25		0	24.23	0.69	24.92	<=30	Pass	
	1752.5	1	0	24.92	0.69	25.61	<=30	Pass	
			13	25.28	0.69	25.97	<=30	Pass	
			24	25.35	0.69	26.04	<=30	Pass	
		12	0	24.03	0.69	24.72	<=30	Pass	
			6	24.01	0.69	24.70	<=30	Pass	
			13	24.22	0.69	24.91	<=30	Pass	
		25	0	24.06	0.69	24.75	<=30	Pass	
	16QAM	1712.5	1	0	23.75	0.69	24.44	<=30	Pass
				13	23.95	0.69	24.64	<=30	Pass
				24	23.77	0.69	24.46	<=30	Pass
12			0	23.15	0.69	23.84	<=30	Pass	
			6	23.28	0.69	23.97	<=30	Pass	
			13	23.22	0.69	23.91	<=30	Pass	
25			0	23.08	0.69	23.77	<=30	Pass	
1732.5			1	0	24.18	0.69	24.87	<=30	Pass
				13	24.91	0.69	25.60	<=30	Pass
		24		24.14	0.69	24.83	<=30	Pass	
		12	0	23.11	0.69	23.80	<=30	Pass	
			6	23.22	0.69	23.91	<=30	Pass	
			13	22.98	0.69	23.67	<=30	Pass	
		25	0	23.30	0.69	23.99	<=30	Pass	
1752.5		1	0	24.01	0.69	24.70	<=30	Pass	
			13	24.30	0.69	24.99	<=30	Pass	
			24	24.25	0.69	24.94	<=30	Pass	
		12	0	22.81	0.69	23.50	<=30	Pass	
			6	22.94	0.69	23.63	<=30	Pass	
			13	23.17	0.69	23.86	<=30	Pass	
		25	0	23.13	0.69	23.82	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4 10MHz EIRP

Band: 4 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	25.01	0.69	25.70	<=30	Pass		
			25	25.48	0.69	26.17	<=30	Pass		
			49	25.37	0.69	26.06	<=30	Pass		
		25	0	24.11	0.69	24.80	<=30	Pass		
			13	24.10	0.69	24.79	<=30	Pass		
			25	24.12	0.69	24.81	<=30	Pass		
		50	0	24.12	0.69	24.81	<=30	Pass		
		1732.5	1	0	25.09	0.69	25.78	<=30	Pass	
				25	25.43	0.69	26.12	<=30	Pass	
	49			24.35	0.69	25.04	<=30	Pass		
	25		0	24.26	0.69	24.95	<=30	Pass		
			13	24.22	0.69	24.91	<=30	Pass		
			25	24.27	0.69	24.96	<=30	Pass		
	50		0	24.20	0.69	24.89	<=30	Pass		
	1750		1	0	24.24	0.69	24.93	<=30	Pass	
				25	25.39	0.69	26.08	<=30	Pass	
		49		24.97	0.69	25.66	<=30	Pass		
		25	0	24.14	0.69	24.83	<=30	Pass		
			13	24.19	0.69	24.88	<=30	Pass		
			25	24.06	0.69	24.75	<=30	Pass		
		50	0	24.06	0.69	24.75	<=30	Pass		
		16QAM	1715	1	0	24.41	0.69	25.10	<=30	Pass
					25	25.22	0.69	25.91	<=30	Pass
	49				24.63	0.69	25.32	<=30	Pass	
25	0			23.32	0.69	24.01	<=30	Pass		
	13			23.22	0.69	23.91	<=30	Pass		
	25			23.28	0.69	23.97	<=30	Pass		
50	0			23.12	0.69	23.81	<=30	Pass		
1732.5	1			0	24.40	0.69	25.09	<=30	Pass	
				25	24.84	0.69	25.53	<=30	Pass	
			49	23.66	0.69	24.35	<=30	Pass		
	25		0	23.21	0.69	23.90	<=30	Pass		
			13	23.37	0.69	24.06	<=30	Pass		
			25	23.07	0.69	23.76	<=30	Pass		
	50		0	23.23	0.69	23.92	<=30	Pass		
	1750		1	0	23.28	0.69	23.97	<=30	Pass	
				25	24.09	0.69	24.78	<=30	Pass	
49				24.12	0.69	24.81	<=30	Pass		
25			0	23.25	0.69	23.94	<=30	Pass		
			13	23.27	0.69	23.96	<=30	Pass		
			25	23.27	0.69	23.96	<=30	Pass		
50			0	23.02	0.69	23.71	<=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	24.75	0.69	25.44	<=30	Pass	
			38	25.21	0.69	25.90	<=30	Pass	
			74	25.03	0.69	25.72	<=30	Pass	
		36	0	24.12	0.69	24.81	<=30	Pass	
			18	24.11	0.69	24.80	<=30	Pass	
			39	24.02	0.69	24.71	<=30	Pass	
		75	0	23.98	0.69	24.67	<=30	Pass	
		1732.5	1	0	25.07	0.69	25.76	<=30	Pass
				38	25.35	0.69	26.04	<=30	Pass
	74			23.81	0.69	24.50	<=30	Pass	
	36		0	24.16	0.69	24.85	<=30	Pass	
			18	24.12	0.69	24.81	<=30	Pass	
			39	24.07	0.69	24.76	<=30	Pass	
	75		0	24.22	0.69	24.91	<=30	Pass	
	1747.5	1	0	23.83	0.69	24.52	<=30	Pass	
			38	25.12	0.69	25.81	<=30	Pass	
			74	24.50	0.69	25.19	<=30	Pass	
		36	0	24.13	0.69	24.82	<=30	Pass	
			18	23.99	0.69	24.68	<=30	Pass	
			39	24.04	0.69	24.73	<=30	Pass	
		75	0	24.04	0.69	24.73	<=30	Pass	
	16QAM	1717.5	1	0	24.31	0.69	25.00	<=30	Pass
				38	25.20	0.69	25.89	<=30	Pass
				74	24.19	0.69	24.88	<=30	Pass
36			0	23.17	0.69	23.86	<=30	Pass	
			18	23.09	0.69	23.78	<=30	Pass	
			39	23.12	0.69	23.81	<=30	Pass	
75			0	23.13	0.69	23.82	<=30	Pass	
1732.5			1	0	24.25	0.69	24.94	<=30	Pass
				38	24.78	0.69	25.47	<=30	Pass
		74		23.13	0.69	23.82	<=30	Pass	
		36	0	23.11	0.69	23.80	<=30	Pass	
			18	23.30	0.69	23.99	<=30	Pass	
			39	23.26	0.69	23.95	<=30	Pass	
		75	0	23.28	0.69	23.97	<=30	Pass	
1747.5		1	0	23.16	0.69	23.85	<=30	Pass	
			38	24.46	0.69	25.15	<=30	Pass	
			74	23.85	0.69	24.54	<=30	Pass	
		36	0	23.29	0.69	23.98	<=30	Pass	
			18	23.18	0.69	23.87	<=30	Pass	
			39	22.97	0.69	23.66	<=30	Pass	
		75	0	23.10	0.69	23.79	<=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	24.58	0.69	25.27	<=30	Pass		
			50	25.41	0.69	26.10	<=30	Pass		
			99	24.62	0.69	25.31	<=30	Pass		
		50	0	24.14	0.69	24.83	<=30	Pass		
			25	24.15	0.69	24.84	<=30	Pass		
			50	24.14	0.69	24.83	<=30	Pass		
		100	0	24.16	0.69	24.85	<=30	Pass		
		1732.5	1	0	25.13	0.69	25.82	<=30	Pass	
				50	25.50	0.69	26.19	<=30	Pass	
	99			23.84	0.69	24.53	<=30	Pass		
	50		0	24.22	0.69	24.91	<=30	Pass		
			25	24.21	0.69	24.90	<=30	Pass		
			50	24.17	0.69	24.86	<=30	Pass		
	100		0	24.33	0.69	25.02	<=30	Pass		
	1745		1	0	23.85	0.69	24.54	<=30	Pass	
				50	24.97	0.69	25.66	<=30	Pass	
		99		24.55	0.69	25.24	<=30	Pass		
		50	0	24.35	0.69	25.04	<=30	Pass		
			25	24.25	0.69	24.94	<=30	Pass		
			50	24.09	0.69	24.78	<=30	Pass		
		100	0	24.15	0.69	24.84	<=30	Pass		
		16QAM	1720	1	0	23.91	0.69	24.60	<=30	Pass
					50	25.01	0.69	25.70	<=30	Pass
	99				23.95	0.69	24.64	<=30	Pass	
50	0			23.10	0.69	23.79	<=30	Pass		
	25			23.19	0.69	23.88	<=30	Pass		
	50			23.21	0.69	23.90	<=30	Pass		
100	0			23.20	0.69	23.89	<=30	Pass		
1732.5	1			0	24.33	0.69	25.02	<=30	Pass	
				50	24.41	0.69	25.10	<=30	Pass	
			99	23.16	0.69	23.85	<=30	Pass		
	50		0	23.28	0.69	23.97	<=30	Pass		
			25	23.28	0.69	23.97	<=30	Pass		
			50	23.27	0.69	23.96	<=30	Pass		
	100		0	23.16	0.69	23.85	<=30	Pass		
	1745		1	0	23.35	0.69	24.04	<=30	Pass	
				50	24.59	0.69	25.28	<=30	Pass	
99				24.15	0.69	24.84	<=30	Pass		
50			0	23.36	0.69	24.05	<=30	Pass		
			25	23.18	0.69	23.87	<=30	Pass		
			50	22.93	0.69	23.62	<=30	Pass		
100			0	23.22	0.69	23.91	<=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	6.2	4.721	0.0028	-2.5 to 2.5	Pass
					7.2	3.848	0.0022	-2.5 to 2.5	Pass
					8.4	2.346	0.0014	-2.5 to 2.5	Pass
				-30	7.2	2.847	0.0017	-2.5 to 2.5	Pass
				-20	7.2	0.801	0.0005	-2.5 to 2.5	Pass
				-10	7.2	0.186	0.0001	-2.5 to 2.5	Pass
				0	7.2	0.086	0.0001	-2.5 to 2.5	Pass
				10	7.2	0.958	0.0006	-2.5 to 2.5	Pass
				30	7.2	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	7.2	-1.030	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-1.030	-0.0006	-2.5 to 2.5	Pass
	1732.5	6	0	20	6.2	1.588	0.0009	-2.5 to 2.5	Pass
					7.2	1.073	0.0006	-2.5 to 2.5	Pass
					8.4	0.916	0.0005	-2.5 to 2.5	Pass
				-30	7.2	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	7.2	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.486	0.0003	-2.5 to 2.5	Pass
				0	7.2	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	7.2	-1.359	-0.0008	-2.5 to 2.5	Pass
				30	7.2	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	7.2	-1.059	-0.0006	-2.5 to 2.5	Pass
				50	7.2	-1.531	-0.0009	-2.5 to 2.5	Pass
	1754.3	6	0	20	6.2	-10.042	-0.0057	-2.5 to 2.5	Pass
					7.2	-9.098	-0.0052	-2.5 to 2.5	Pass
					8.4	-7.353	-0.0042	-2.5 to 2.5	Pass
				-30	7.2	-4.749	-0.0027	-2.5 to 2.5	Pass
				-20	7.2	-3.691	-0.0021	-2.5 to 2.5	Pass
				-10	7.2	-4.764	-0.0027	-2.5 to 2.5	Pass
				0	7.2	-3.190	-0.0018	-2.5 to 2.5	Pass
				10	7.2	-3.262	-0.0019	-2.5 to 2.5	Pass
				30	7.2	-3.705	-0.0021	-2.5 to 2.5	Pass
				40	7.2	-2.103	-0.0012	-2.5 to 2.5	Pass
				50	7.2	-1.888	-0.0011	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	6.2	-1.960	-0.0011	-2.5 to 2.5	Pass
					7.2	-1.016	-0.0006	-2.5 to 2.5	Pass
					8.4	-1.903	-0.0011	-2.5 to 2.5	Pass
				-30	7.2	-1.202	-0.0007	-2.5 to 2.5	Pass
				-20	7.2	-0.973	-0.0006	-2.5 to 2.5	Pass
				-10	7.2	-0.086	-0.0001	-2.5 to 2.5	Pass
				0	7.2	-0.944	-0.0006	-2.5 to 2.5	Pass
				10	7.2	-2.317	-0.0014	-2.5 to 2.5	Pass
				30	7.2	-1.616	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-3.333	-0.0019	-2.5 to 2.5	Pass
				50	7.2	-1.302	-0.0008	-2.5 to 2.5	Pass
	1732.5	6	0	20	6.2	-1.960	-0.0011	-2.5 to 2.5	Pass
					7.2	-0.458	-0.0003	-2.5 to 2.5	Pass
					8.4	-1.259	-0.0007	-2.5 to 2.5	Pass
				-30	7.2	-2.775	-0.0016	-2.5 to 2.5	Pass

				-20	7.2	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	7.2	-0.987	-0.0006	-2.5 to 2.5	Pass
				0	7.2	-1.373	-0.0008	-2.5 to 2.5	Pass
				10	7.2	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	7.2	-1.574	-0.0009	-2.5 to 2.5	Pass
				40	7.2	-0.687	-0.0004	-2.5 to 2.5	Pass
				50	7.2	-0.458	-0.0003	-2.5 to 2.5	Pass
	1754.3	6	0	20	6.2	-2.847	-0.0016	-2.5 to 2.5	Pass
					7.2	-1.717	-0.0010	-2.5 to 2.5	Pass
					8.4	-1.330	-0.0008	-2.5 to 2.5	Pass
				-30	7.2	-1.674	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	7.2	-2.317	-0.0013	-2.5 to 2.5	Pass
				0	7.2	-2.031	-0.0012	-2.5 to 2.5	Pass
				10	7.2	-1.974	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-2.346	-0.0013	-2.5 to 2.5	Pass
				40	7.2	-2.003	-0.0011	-2.5 to 2.5	Pass
				50	7.2	-2.089	-0.0012	-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	6.2	3.419	0.0020	-2.5 to 2.5	Pass
					7.2	4.435	0.0026	-2.5 to 2.5	Pass
					8.4	2.232	0.0013	-2.5 to 2.5	Pass
				-30	7.2	3.476	0.0020	-2.5 to 2.5	Pass
				-20	7.2	4.063	0.0024	-2.5 to 2.5	Pass
				-10	7.2	4.334	0.0025	-2.5 to 2.5	Pass
				0	7.2	3.762	0.0022	-2.5 to 2.5	Pass
				10	7.2	3.533	0.0021	-2.5 to 2.5	Pass
				30	7.2	3.662	0.0021	-2.5 to 2.5	Pass
				40	7.2	3.104	0.0018	-2.5 to 2.5	Pass
				50	7.2	3.805	0.0022	-2.5 to 2.5	Pass
	1732.5	15	0	20	6.2	-1.945	-0.0011	-2.5 to 2.5	Pass
					7.2	-0.873	-0.0005	-2.5 to 2.5	Pass
					8.4	-2.275	-0.0013	-2.5 to 2.5	Pass
				-30	7.2	-3.076	-0.0018	-2.5 to 2.5	Pass
				-20	7.2	-1.373	-0.0008	-2.5 to 2.5	Pass
				-10	7.2	-0.629	-0.0004	-2.5 to 2.5	Pass
				0	7.2	0.200	0.0001	-2.5 to 2.5	Pass
				10	7.2	-0.057	0.0000	-2.5 to 2.5	Pass
				30	7.2	-0.443	-0.0003	-2.5 to 2.5	Pass
				40	7.2	2.718	0.0016	-2.5 to 2.5	Pass
				50	7.2	1.273	0.0007	-2.5 to 2.5	Pass
	1753.5	15	0	20	6.2	2.217	0.0013	-2.5 to 2.5	Pass
					7.2	2.561	0.0015	-2.5 to 2.5	Pass
					8.4	2.389	0.0014	-2.5 to 2.5	Pass
				-30	7.2	1.116	0.0006	-2.5 to 2.5	Pass
				-20	7.2	2.289	0.0013	-2.5 to 2.5	Pass
				-10	7.2	2.489	0.0014	-2.5 to 2.5	Pass
				0	7.2	1.988	0.0011	-2.5 to 2.5	Pass
				10	7.2	1.173	0.0007	-2.5 to 2.5	Pass
				30	7.2	2.890	0.0016	-2.5 to 2.5	Pass
				40	7.2	3.219	0.0018	-2.5 to 2.5	Pass
				50	7.2	2.460	0.0014	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	6.2	3.934	0.0023	-2.5 to 2.5	Pass
					7.2	3.791	0.0022	-2.5 to 2.5	Pass

					8.4	3.376	0.0020	-2.5 to 2.5	Pass
				-30	7.2	2.789	0.0016	-2.5 to 2.5	Pass
				-20	7.2	3.090	0.0018	-2.5 to 2.5	Pass
				-10	7.2	1.216	0.0007	-2.5 to 2.5	Pass
				0	7.2	2.403	0.0014	-2.5 to 2.5	Pass
				10	7.2	3.047	0.0018	-2.5 to 2.5	Pass
				30	7.2	2.432	0.0014	-2.5 to 2.5	Pass
				40	7.2	2.017	0.0012	-2.5 to 2.5	Pass
				50	7.2	1.059	0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	6.2	0.286	0.0002	-2.5 to 2.5	Pass
					7.2	0.143	0.0001	-2.5 to 2.5	Pass
					8.4	-0.572	-0.0003	-2.5 to 2.5	Pass
				-30	7.2	0.000	0.0000	-2.5 to 2.5	Pass
				-20	7.2	0.100	0.0001	-2.5 to 2.5	Pass
				-10	7.2	-2.117	-0.0012	-2.5 to 2.5	Pass
				0	7.2	-0.629	-0.0004	-2.5 to 2.5	Pass
				10	7.2	0.057	0.0000	-2.5 to 2.5	Pass
				30	7.2	-0.272	-0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	40	7.2	0.458	0.0003	-2.5 to 2.5	Pass
				50	7.2	1.073	0.0006	-2.5 to 2.5	Pass
				20	6.2	1.073	0.0006	-2.5 to 2.5	Pass
					7.2	1.602	0.0009	-2.5 to 2.5	Pass
					8.4	2.260	0.0013	-2.5 to 2.5	Pass
				-30	7.2	2.818	0.0016	-2.5 to 2.5	Pass
				-20	7.2	2.990	0.0017	-2.5 to 2.5	Pass
				-10	7.2	2.818	0.0016	-2.5 to 2.5	Pass
				0	7.2	2.789	0.0016	-2.5 to 2.5	Pass
				10	7.2	4.020	0.0023	-2.5 to 2.5	Pass
				30	7.2	3.977	0.0023	-2.5 to 2.5	Pass
				40	7.2	3.119	0.0018	-2.5 to 2.5	Pass
				50	7.2	3.047	0.0017	-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	6.2	2.375	0.0014	-2.5 to 2.5	Pass
					7.2	2.532	0.0015	-2.5 to 2.5	Pass
					8.4	2.518	0.0015	-2.5 to 2.5	Pass
				-30	7.2	2.089	0.0012	-2.5 to 2.5	Pass
				-20	7.2	2.747	0.0016	-2.5 to 2.5	Pass
				-10	7.2	2.990	0.0017	-2.5 to 2.5	Pass
				0	7.2	3.090	0.0018	-2.5 to 2.5	Pass
				10	7.2	3.018	0.0018	-2.5 to 2.5	Pass
				30	7.2	3.762	0.0022	-2.5 to 2.5	Pass
				40	7.2	3.633	0.0021	-2.5 to 2.5	Pass
	1732.5	25	0	50	7.2	3.934	0.0023	-2.5 to 2.5	Pass
				20	6.2	2.904	0.0017	-2.5 to 2.5	Pass
					7.2	2.704	0.0016	-2.5 to 2.5	Pass
					8.4	3.633	0.0021	-2.5 to 2.5	Pass
				-30	7.2	3.562	0.0021	-2.5 to 2.5	Pass
				-20	7.2	2.775	0.0016	-2.5 to 2.5	Pass
				-10	7.2	3.891	0.0022	-2.5 to 2.5	Pass
				0	7.2	3.734	0.0022	-2.5 to 2.5	Pass
				10	7.2	4.020	0.0023	-2.5 to 2.5	Pass
				30	7.2	3.405	0.0020	-2.5 to 2.5	Pass
				40	7.2	2.103	0.0012	-2.5 to 2.5	Pass
				50	7.2	2.289	0.0013	-2.5 to 2.5	Pass

	1752.5	25	0	20	6.2	-0.758	-0.0004	-2.5 to 2.5	Pass
					7.2	-2.532	-0.0014	-2.5 to 2.5	Pass
					8.4	-2.875	-0.0016	-2.5 to 2.5	Pass
				-30	7.2	-1.688	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	-1.087	-0.0006	-2.5 to 2.5	Pass
				-10	7.2	-0.687	-0.0004	-2.5 to 2.5	Pass
				0	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				10	7.2	-0.615	-0.0004	-2.5 to 2.5	Pass
				30	7.2	-0.930	-0.0005	-2.5 to 2.5	Pass
				40	7.2	0.057	0.0000	-2.5 to 2.5	Pass
				50	7.2	-1.602	-0.0009	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	6.2	4.206	0.0025	-2.5 to 2.5	Pass
					7.2	3.548	0.0021	-2.5 to 2.5	Pass
					8.4	4.220	0.0025	-2.5 to 2.5	Pass
				-30	7.2	4.635	0.0027	-2.5 to 2.5	Pass
				-20	7.2	5.822	0.0034	-2.5 to 2.5	Pass
				-10	7.2	4.263	0.0025	-2.5 to 2.5	Pass
				0	7.2	6.781	0.0040	-2.5 to 2.5	Pass
				10	7.2	5.450	0.0032	-2.5 to 2.5	Pass
				30	7.2	4.535	0.0026	-2.5 to 2.5	Pass
				40	7.2	5.322	0.0031	-2.5 to 2.5	Pass
				50	7.2	4.091	0.0024	-2.5 to 2.5	Pass
	1732.5	25	0	20	6.2	2.346	0.0014	-2.5 to 2.5	Pass
					7.2	2.861	0.0017	-2.5 to 2.5	Pass
					8.4	2.589	0.0015	-2.5 to 2.5	Pass
				-30	7.2	3.290	0.0019	-2.5 to 2.5	Pass
				-20	7.2	1.745	0.0010	-2.5 to 2.5	Pass
				-10	7.2	2.632	0.0015	-2.5 to 2.5	Pass
				0	7.2	2.489	0.0014	-2.5 to 2.5	Pass
				10	7.2	2.861	0.0017	-2.5 to 2.5	Pass
				30	7.2	1.788	0.0010	-2.5 to 2.5	Pass
				40	7.2	3.319	0.0019	-2.5 to 2.5	Pass
				50	7.2	1.588	0.0009	-2.5 to 2.5	Pass
	1752.5	25	0	20	6.2	-0.930	-0.0005	-2.5 to 2.5	Pass
					7.2	-1.574	-0.0009	-2.5 to 2.5	Pass
					8.4	-2.074	-0.0012	-2.5 to 2.5	Pass
				-30	7.2	-1.602	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	7.2	-1.831	-0.0010	-2.5 to 2.5	Pass
				0	7.2	-0.572	-0.0003	-2.5 to 2.5	Pass
				10	7.2	-1.216	-0.0007	-2.5 to 2.5	Pass
				30	7.2	-2.232	-0.0013	-2.5 to 2.5	Pass
				40	7.2	-2.317	-0.0013	-2.5 to 2.5	Pass
				50	7.2	-1.588	-0.0009	-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	6.2	-2.418	-0.0014	-2.5 to 2.5	Pass
					7.2	-2.561	-0.0015	-2.5 to 2.5	Pass
					8.4	-2.217	-0.0013	-2.5 to 2.5	Pass
				-30	7.2	-3.190	-0.0019	-2.5 to 2.5	Pass
				-20	7.2	-2.933	-0.0017	-2.5 to 2.5	Pass
				-10	7.2	-2.475	-0.0014	-2.5 to 2.5	Pass
				0	7.2	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	7.2	-1.945	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-2.804	-0.0016	-2.5 to 2.5	Pass

				40	7.2	-3.304	-0.0019	-2.5 to 2.5	Pass
				50	7.2	-2.360	-0.0014	-2.5 to 2.5	Pass
	1732.5	50	0	20	6.2	1.073	0.0006	-2.5 to 2.5	Pass
					7.2	1.144	0.0007	-2.5 to 2.5	Pass
					8.4	0.930	0.0005	-2.5 to 2.5	Pass
					7.2	0.343	0.0002	-2.5 to 2.5	Pass
				-30	7.2	1.388	0.0008	-2.5 to 2.5	Pass
				-20	7.2	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	0.987	0.0006	-2.5 to 2.5	Pass
				0	7.2	0.587	0.0003	-2.5 to 2.5	Pass
				10	7.2	0.687	0.0004	-2.5 to 2.5	Pass
				30	7.2	1.917	0.0011	-2.5 to 2.5	Pass
				40	7.2	0.114	0.0001	-2.5 to 2.5	Pass
				50	7.2	2.847	0.0016	-2.5 to 2.5	Pass
	1750	50	0	20	7.2	2.489	0.0014	-2.5 to 2.5	Pass
					8.4	1.473	0.0008	-2.5 to 2.5	Pass
					7.2	1.416	0.0008	-2.5 to 2.5	Pass
					7.2	2.661	0.0015	-2.5 to 2.5	Pass
				-30	7.2	1.888	0.0011	-2.5 to 2.5	Pass
				-20	7.2	2.360	0.0013	-2.5 to 2.5	Pass
				-10	7.2	2.275	0.0013	-2.5 to 2.5	Pass
				0	7.2	3.133	0.0018	-2.5 to 2.5	Pass
				10	7.2	3.061	0.0017	-2.5 to 2.5	Pass
				30	7.2	2.918	0.0017	-2.5 to 2.5	Pass
				40	7.2	-1.931	-0.0011	-2.5 to 2.5	Pass
				50	7.2	-3.004	-0.0018	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	8.4	-2.432	-0.0014	-2.5 to 2.5	Pass
					7.2	-2.446	-0.0014	-2.5 to 2.5	Pass
					7.2	-2.489	-0.0015	-2.5 to 2.5	Pass
					7.2	-1.202	-0.0007	-2.5 to 2.5	Pass
				-30	7.2	-1.745	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	-2.904	-0.0017	-2.5 to 2.5	Pass
				-10	7.2	-2.174	-0.0013	-2.5 to 2.5	Pass
				0	7.2	-1.931	-0.0011	-2.5 to 2.5	Pass
				10	7.2	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	7.2	1.273	0.0007	-2.5 to 2.5	Pass
	1732.5	50	0	20	7.2	1.373	0.0008	-2.5 to 2.5	Pass
					8.4	0.200	0.0001	-2.5 to 2.5	Pass
					7.2	1.545	0.0009	-2.5 to 2.5	Pass
					7.2	1.001	0.0006	-2.5 to 2.5	Pass
				-30	7.2	0.772	0.0004	-2.5 to 2.5	Pass
				-20	7.2	1.488	0.0009	-2.5 to 2.5	Pass
				-10	7.2	0.787	0.0005	-2.5 to 2.5	Pass
				0	7.2	0.315	0.0002	-2.5 to 2.5	Pass
				10	7.2	1.001	0.0006	-2.5 to 2.5	Pass
				30	7.2	1.116	0.0006	-2.5 to 2.5	Pass
				40	7.2	2.332	0.0013	-2.5 to 2.5	Pass
				50	7.2	3.033	0.0017	-2.5 to 2.5	Pass
	1750	50	0	20	8.4	2.518	0.0014	-2.5 to 2.5	Pass
					7.2	3.018	0.0017	-2.5 to 2.5	Pass
					7.2	2.890	0.0017	-2.5 to 2.5	Pass
					7.2	3.033	0.0017	-2.5 to 2.5	Pass
				-30	7.2	2.131	0.0012	-2.5 to 2.5	Pass
				-20	7.2	2.232	0.0013	-2.5 to 2.5	Pass
				-10	7.2	1.945	0.0011	-2.5 to 2.5	Pass
				0	7.2	2.775	0.0016	-2.5 to 2.5	Pass
				10	7.2	3.061	0.0017	-2.5 to 2.5	Pass
				30	7.2				
				40	7.2				
				50	7.2				

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	6.2	-0.343	-0.0002	-2.5 to 2.5	Pass
					7.2	-0.515	-0.0003	-2.5 to 2.5	Pass
					8.4	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.558	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.558	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.343	0.0002	-2.5 to 2.5	Pass
				0	7.2	0.672	0.0004	-2.5 to 2.5	Pass
				10	7.2	1.488	0.0009	-2.5 to 2.5	Pass
				30	7.2	0.458	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.715	0.0004	-2.5 to 2.5	Pass
				50	7.2	0.157	0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	6.2	1.388	0.0008	-2.5 to 2.5	Pass
					7.2	0.587	0.0003	-2.5 to 2.5	Pass
					8.4	0.772	0.0004	-2.5 to 2.5	Pass
				-30	7.2	1.259	0.0007	-2.5 to 2.5	Pass
				-20	7.2	0.601	0.0003	-2.5 to 2.5	Pass
				-10	7.2	2.160	0.0012	-2.5 to 2.5	Pass
				0	7.2	1.116	0.0006	-2.5 to 2.5	Pass
				10	7.2	0.615	0.0004	-2.5 to 2.5	Pass
				30	7.2	1.316	0.0008	-2.5 to 2.5	Pass
				40	7.2	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	7.2	1.173	0.0007	-2.5 to 2.5	Pass
	1747.5	75	0	20	6.2	2.317	0.0013	-2.5 to 2.5	Pass
					7.2	1.016	0.0006	-2.5 to 2.5	Pass
					8.4	1.531	0.0009	-2.5 to 2.5	Pass
				-30	7.2	2.317	0.0013	-2.5 to 2.5	Pass
				-20	7.2	0.901	0.0005	-2.5 to 2.5	Pass
				-10	7.2	1.502	0.0009	-2.5 to 2.5	Pass
				0	7.2	1.101	0.0006	-2.5 to 2.5	Pass
				10	7.2	1.059	0.0006	-2.5 to 2.5	Pass
				30	7.2	1.760	0.0010	-2.5 to 2.5	Pass
				40	7.2	1.373	0.0008	-2.5 to 2.5	Pass
				50	7.2	0.515	0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	6.2	0.529	0.0003	-2.5 to 2.5	Pass
					7.2	-0.029	0.0000	-2.5 to 2.5	Pass
					8.4	-0.758	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	-0.114	-0.0001	-2.5 to 2.5	Pass
				-20	7.2	-0.458	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	-0.186	-0.0001	-2.5 to 2.5	Pass
				0	7.2	1.259	0.0007	-2.5 to 2.5	Pass
				10	7.2	0.029	0.0000	-2.5 to 2.5	Pass
				30	7.2	-0.672	-0.0004	-2.5 to 2.5	Pass
				40	7.2	-0.629	-0.0004	-2.5 to 2.5	Pass
				50	7.2	0.129	0.0001	-2.5 to 2.5	Pass
	1732.5	75	0	20	6.2	1.216	0.0007	-2.5 to 2.5	Pass
					7.2	0.744	0.0004	-2.5 to 2.5	Pass
					8.4	0.658	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.887	0.0005	-2.5 to 2.5	Pass
				-20	7.2	1.459	0.0008	-2.5 to 2.5	Pass
				-10	7.2	0.172	0.0001	-2.5 to 2.5	Pass
				0	7.2	0.329	0.0002	-2.5 to 2.5	Pass
				10	7.2	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	7.2	0.772	0.0004	-2.5 to 2.5	Pass
				40	7.2	0.844	0.0005	-2.5 to 2.5	Pass
				50	7.2	0.987	0.0006	-2.5 to 2.5	Pass
	1747.5	75	0	20	6.2	1.101	0.0006	-2.5 to 2.5	Pass
					7.2	0.529	0.0003	-2.5 to 2.5	Pass
					8.4	0.558	0.0003	-2.5 to 2.5	Pass

				-30	7.2	1.245	0.0007	-2.5 to 2.5	Pass
				-20	7.2	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	7.2	1.259	0.0007	-2.5 to 2.5	Pass
				0	7.2	1.230	0.0007	-2.5 to 2.5	Pass
				10	7.2	1.073	0.0006	-2.5 to 2.5	Pass
				30	7.2	0.515	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.544	0.0003	-2.5 to 2.5	Pass
				50	7.2	0.215	0.0001	-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	6.2	2.031	0.0012	-2.5 to 2.5	Pass
					7.2	2.303	0.0013	-2.5 to 2.5	Pass
					8.4	2.275	0.0013	-2.5 to 2.5	Pass
				-30	7.2	2.303	0.0013	-2.5 to 2.5	Pass
				-20	7.2	2.103	0.0012	-2.5 to 2.5	Pass
				-10	7.2	1.574	0.0009	-2.5 to 2.5	Pass
				0	7.2	2.232	0.0013	-2.5 to 2.5	Pass
				10	7.2	2.060	0.0012	-2.5 to 2.5	Pass
				30	7.2	1.359	0.0008	-2.5 to 2.5	Pass
				40	7.2	1.688	0.0010	-2.5 to 2.5	Pass
				50	7.2	1.574	0.0009	-2.5 to 2.5	Pass
	1732.5	100	0	20	6.2	0.629	0.0004	-2.5 to 2.5	Pass
					7.2	0.300	0.0002	-2.5 to 2.5	Pass
					8.4	0.730	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.858	0.0005	-2.5 to 2.5	Pass
				-20	7.2	0.529	0.0003	-2.5 to 2.5	Pass
				-10	7.2	1.159	0.0007	-2.5 to 2.5	Pass
				0	7.2	0.873	0.0005	-2.5 to 2.5	Pass
				10	7.2	1.001	0.0006	-2.5 to 2.5	Pass
				30	7.2	0.229	0.0001	-2.5 to 2.5	Pass
				40	7.2	-0.615	-0.0004	-2.5 to 2.5	Pass
				50	7.2	-0.186	-0.0001	-2.5 to 2.5	Pass
	1745	100	0	20	6.2	-2.460	-0.0014	-2.5 to 2.5	Pass
					7.2	-2.561	-0.0015	-2.5 to 2.5	Pass
					8.4	-2.589	-0.0015	-2.5 to 2.5	Pass
				-30	7.2	-2.704	-0.0015	-2.5 to 2.5	Pass
				-20	7.2	-1.931	-0.0011	-2.5 to 2.5	Pass
				-10	7.2	-2.675	-0.0015	-2.5 to 2.5	Pass
				0	7.2	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	7.2	-2.117	-0.0012	-2.5 to 2.5	Pass
				30	7.2	-2.761	-0.0016	-2.5 to 2.5	Pass
				40	7.2	-2.947	-0.0017	-2.5 to 2.5	Pass
				50	7.2	-3.090	-0.0018	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	6.2	2.761	0.0016	-2.5 to 2.5	Pass
					7.2	1.316	0.0008	-2.5 to 2.5	Pass
					8.4	2.031	0.0012	-2.5 to 2.5	Pass
				-30	7.2	2.203	0.0013	-2.5 to 2.5	Pass
				-20	7.2	1.330	0.0008	-2.5 to 2.5	Pass
				-10	7.2	2.646	0.0015	-2.5 to 2.5	Pass
				0	7.2	2.990	0.0017	-2.5 to 2.5	Pass
				10	7.2	2.360	0.0014	-2.5 to 2.5	Pass
				30	7.2	3.018	0.0018	-2.5 to 2.5	Pass
				40	7.2	2.375	0.0014	-2.5 to 2.5	Pass
				50	7.2	3.419	0.0020	-2.5 to 2.5	Pass
	1732.5	100	0	20	6.2	-1.116	-0.0006	-2.5 to 2.5	Pass

					7.2	-0.401	-0.0002	-2.5 to 2.5	Pass
					8.4	-0.272	-0.0002	-2.5 to 2.5	Pass
				-30	7.2	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	7.2	-0.372	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	7.2	0.415	0.0002	-2.5 to 2.5	Pass
				10	7.2	0.372	0.0002	-2.5 to 2.5	Pass
				30	7.2	0.343	0.0002	-2.5 to 2.5	Pass
				40	7.2	0.529	0.0003	-2.5 to 2.5	Pass
				50	7.2	-0.429	-0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	6.2	-3.591	-0.0021	-2.5 to 2.5	Pass
					7.2	-2.518	-0.0014	-2.5 to 2.5	Pass
					8.4	-3.047	-0.0017	-2.5 to 2.5	Pass
				-30	7.2	-3.705	-0.0021	-2.5 to 2.5	Pass
				-20	7.2	-3.548	-0.0020	-2.5 to 2.5	Pass
				-10	7.2	-3.576	-0.0020	-2.5 to 2.5	Pass
				0	7.2	-3.490	-0.0020	-2.5 to 2.5	Pass
				10	7.2	-3.562	-0.0020	-2.5 to 2.5	Pass
				30	7.2	-3.276	-0.0019	-2.5 to 2.5	Pass
				40	7.2	-2.832	-0.0016	-2.5 to 2.5	Pass
				50	7.2	-2.432	-0.0014	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

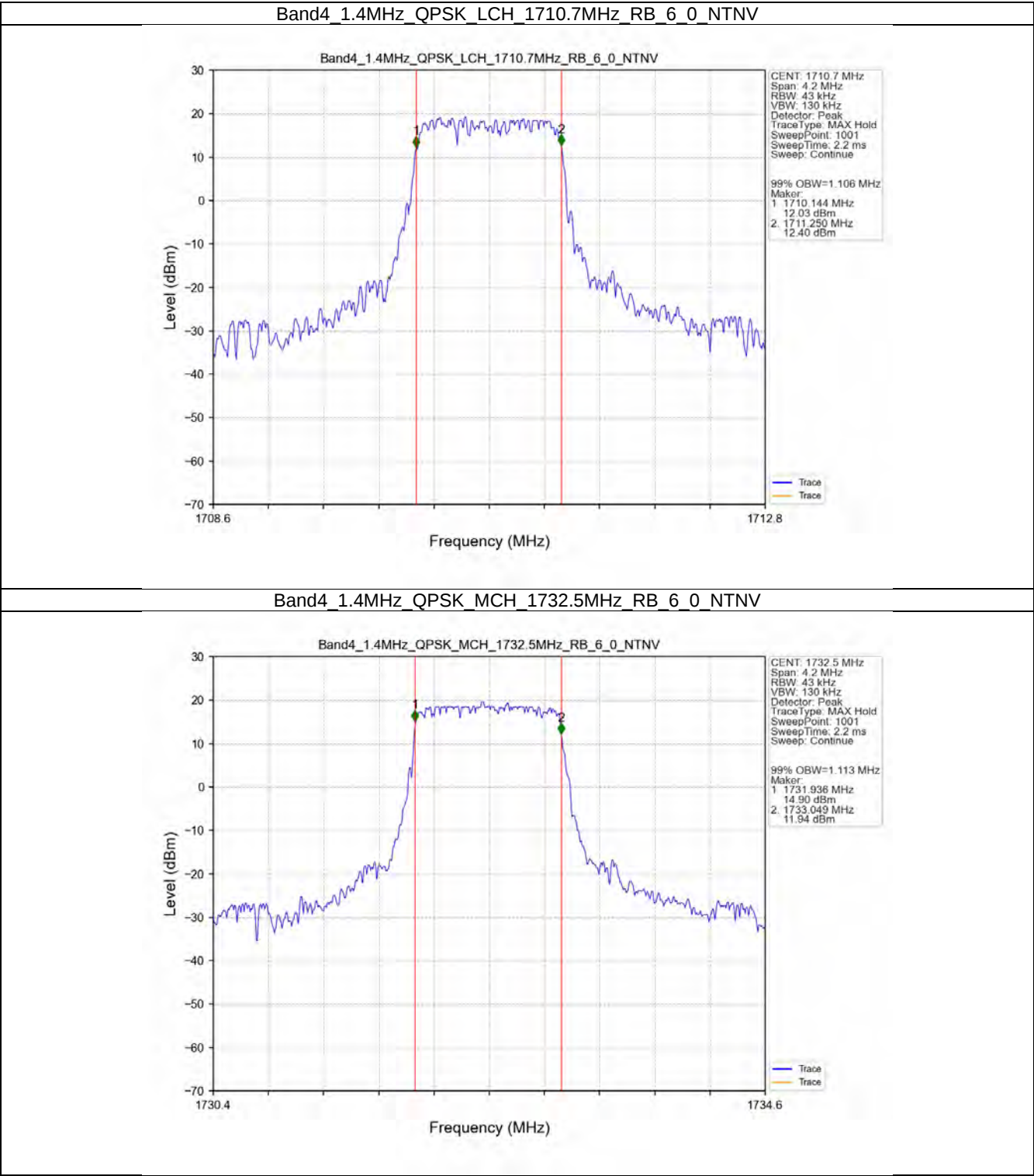
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.106	/	Pass
		1732.5	6	0	1.113	/	Pass
		1754.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.099	/	Pass
		1732.5	6	0	1.093	/	Pass
		1754.3	6	0	1.113	/	Pass
3	QPSK	1711.5	15	0	2.721	/	Pass
		1732.5	15	0	2.733	/	Pass
		1753.5	15	0	2.726	/	Pass
	16QAM	1711.5	15	0	2.718	/	Pass
		1732.5	15	0	2.724	/	Pass
		1753.5	15	0	2.728	/	Pass
5	QPSK	1712.5	25	0	4.547	/	Pass
		1732.5	25	0	4.541	/	Pass
		1752.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.537	/	Pass
		1732.5	25	0	4.554	/	Pass
		1752.5	25	0	4.539	/	Pass
10	QPSK	1715	50	0	9.036	/	Pass
		1732.5	50	0	9.026	/	Pass
		1750	50	0	9.025	/	Pass
	16QAM	1715	50	0	9.022	/	Pass
		1732.5	50	0	9.035	/	Pass
		1750	50	0	9.048	/	Pass
15	QPSK	1717.5	75	0	13.540	/	Pass
		1732.5	75	0	13.503	/	Pass
		1747.5	75	0	13.520	/	Pass
	16QAM	1717.5	75	0	13.481	/	Pass
		1732.5	75	0	13.530	/	Pass
		1747.5	75	0	13.523	/	Pass
20	QPSK	1720	100	0	18.003	/	Pass
		1732.5	100	0	18.091	/	Pass
		1745	100	0	18.035	/	Pass
	16QAM	1720	100	0	17.983	/	Pass
		1732.5	100	0	18.020	/	Pass
		1745	100	0	18.058	/	Pass

3.1.2 Band4_XDB

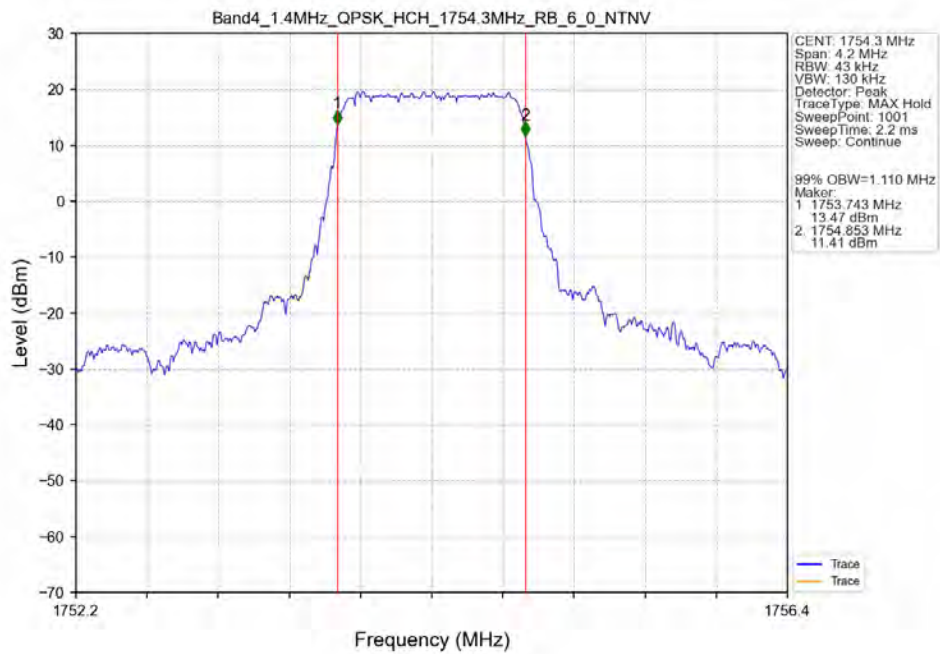
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.305	/	Pass
		1732.5	6	0	1.289	/	Pass
		1754.3	6	0	1.340	/	Pass
	16QAM	1710.7	6	0	1.292	/	Pass
		1732.5	6	0	1.322	/	Pass
		1754.3	6	0	1.307	/	Pass
3	QPSK	1711.5	15	0	3.019	/	Pass
		1732.5	15	0	3.050	/	Pass
		1753.5	15	0	3.010	/	Pass
	16QAM	1711.5	15	0	2.983	/	Pass
		1732.5	15	0	3.022	/	Pass
		1753.5	15	0	3.028	/	Pass
5	QPSK	1712.5	25	0	5.041	/	Pass
		1732.5	25	0	5.071	/	Pass
		1752.5	25	0	5.058	/	Pass
	16QAM	1712.5	25	0	5.090	/	Pass
		1732.5	25	0	5.039	/	Pass
		1752.5	25	0	5.102	/	Pass
10	QPSK	1715	50	0	10.023	/	Pass
		1732.5	50	0	9.976	/	Pass
		1750	50	0	10.001	/	Pass
	16QAM	1715	50	0	9.950	/	Pass
		1732.5	50	0	9.950	/	Pass
		1750	50	0	10.017	/	Pass
15	QPSK	1717.5	75	0	15.018	/	Pass
		1732.5	75	0	14.863	/	Pass
		1747.5	75	0	14.915	/	Pass
	16QAM	1717.5	75	0	14.918	/	Pass
		1732.5	75	0	14.900	/	Pass
		1747.5	75	0	14.993	/	Pass
20	QPSK	1720	100	0	19.741	/	Pass
		1732.5	100	0	19.691	/	Pass
		1745	100	0	19.931	/	Pass
	16QAM	1720	100	0	19.770	/	Pass
		1732.5	100	0	19.665	/	Pass
		1745	100	0	19.843	/	Pass

3.2 Test Graph

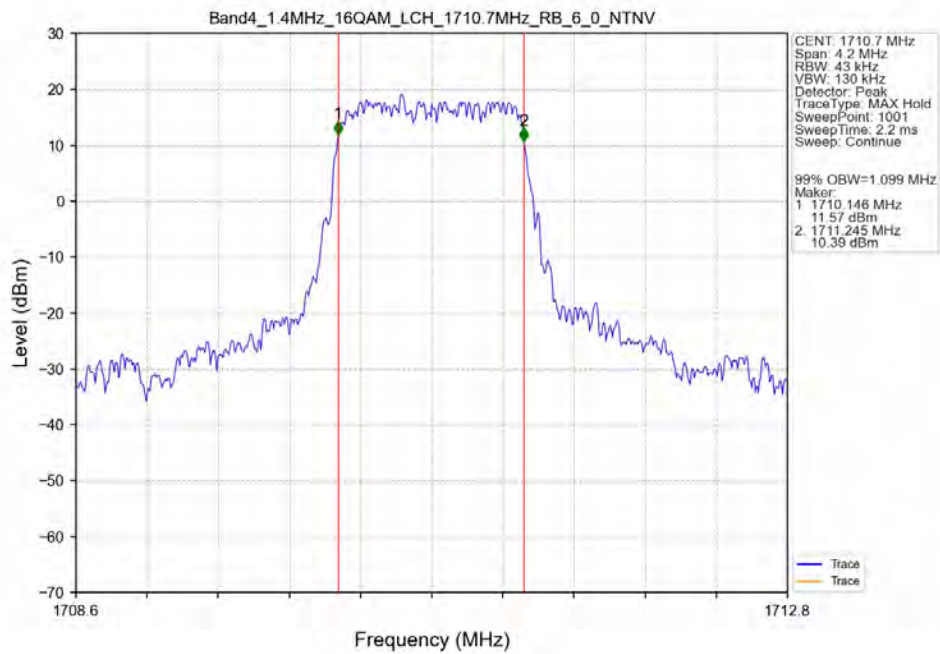
3.2.1 Band4_OBW



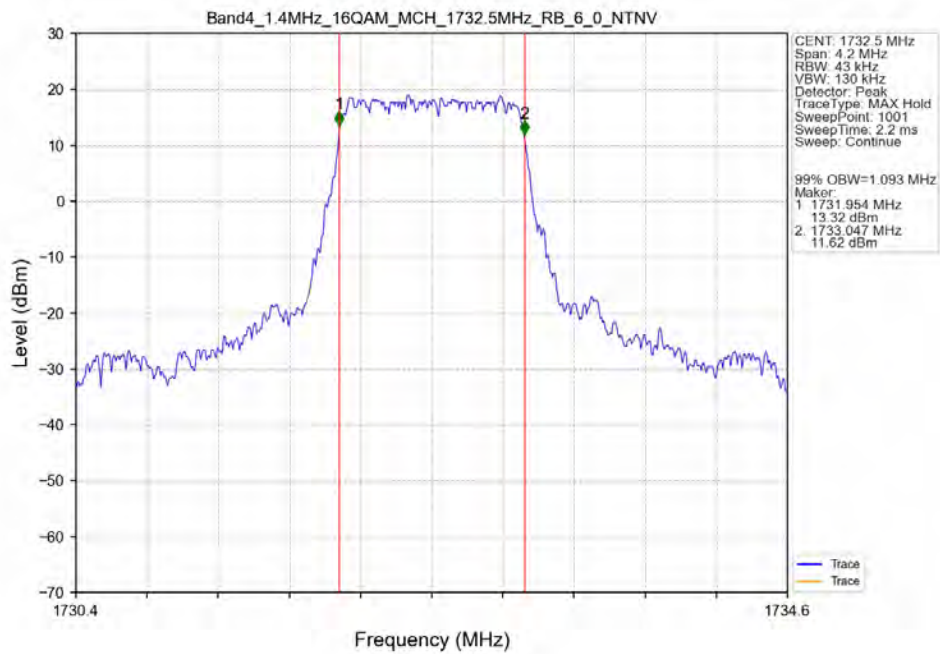
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



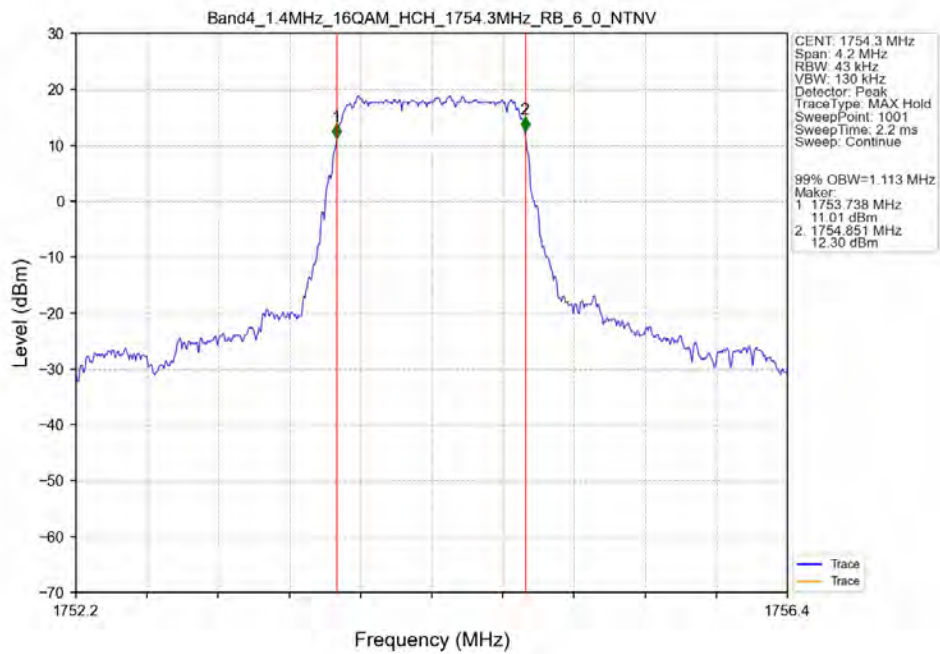
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



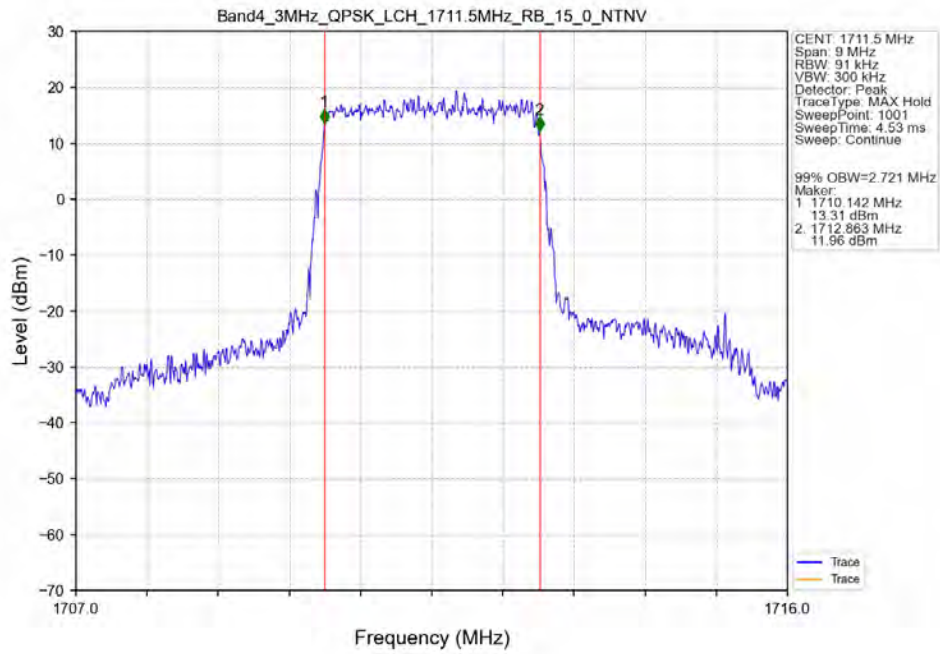
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



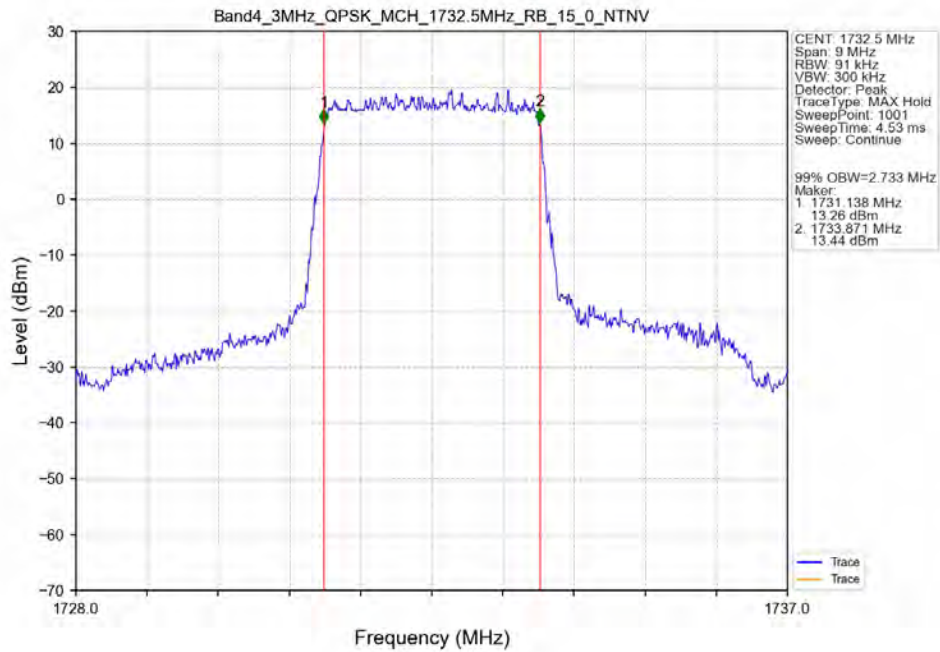
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



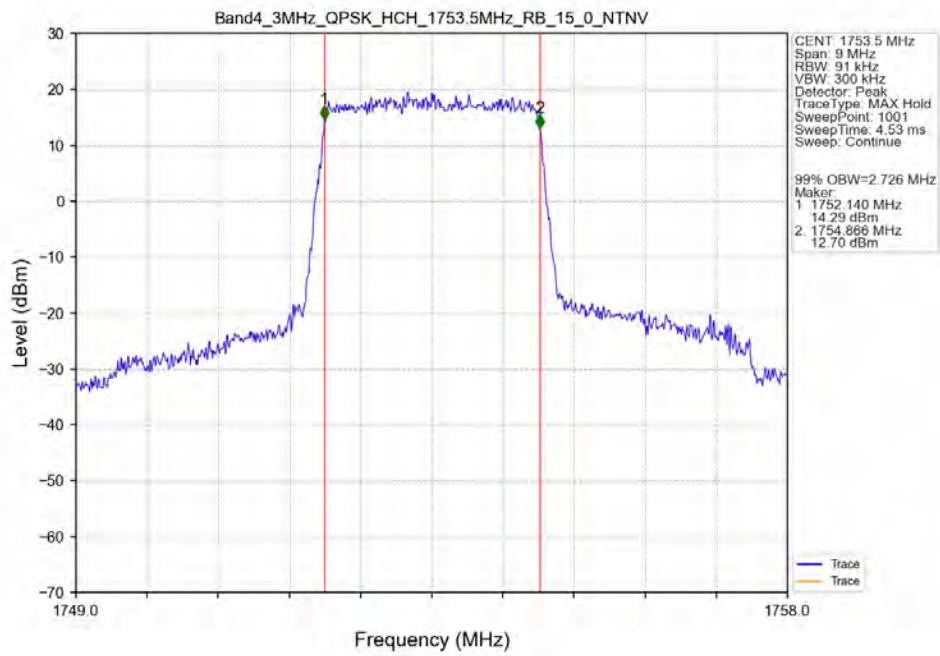
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



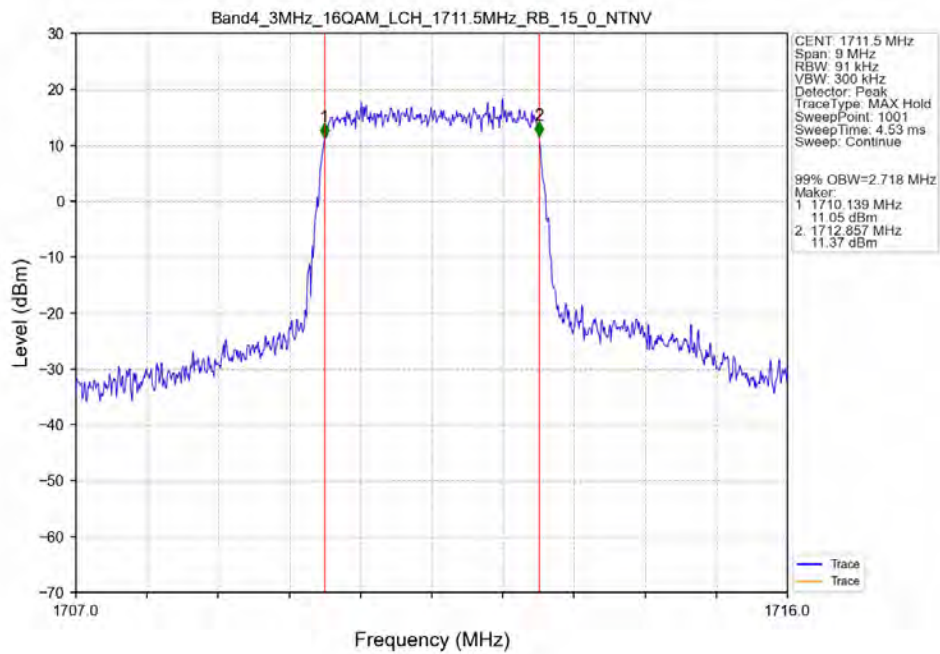
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



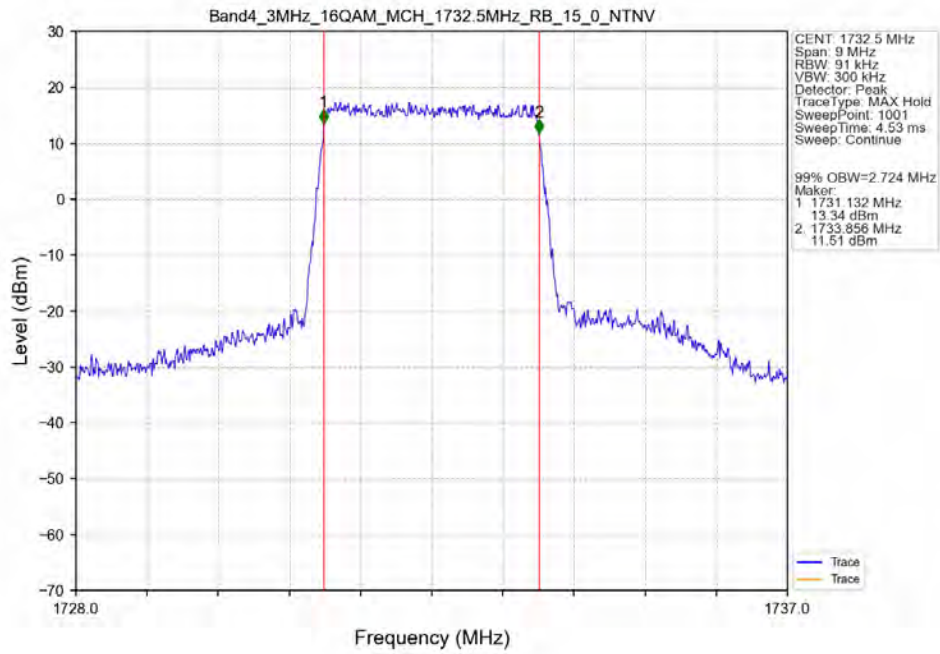
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



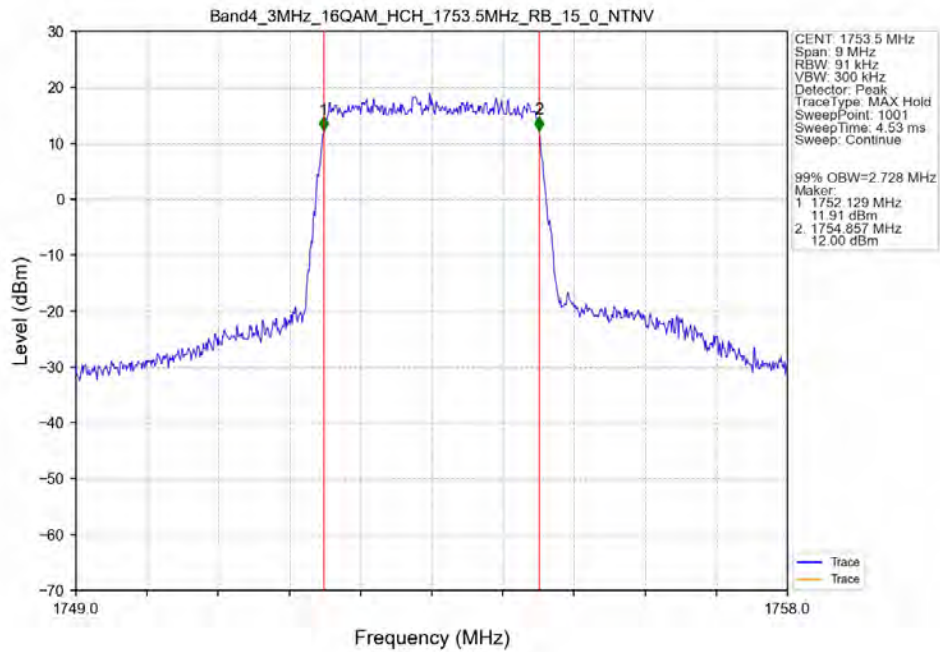
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



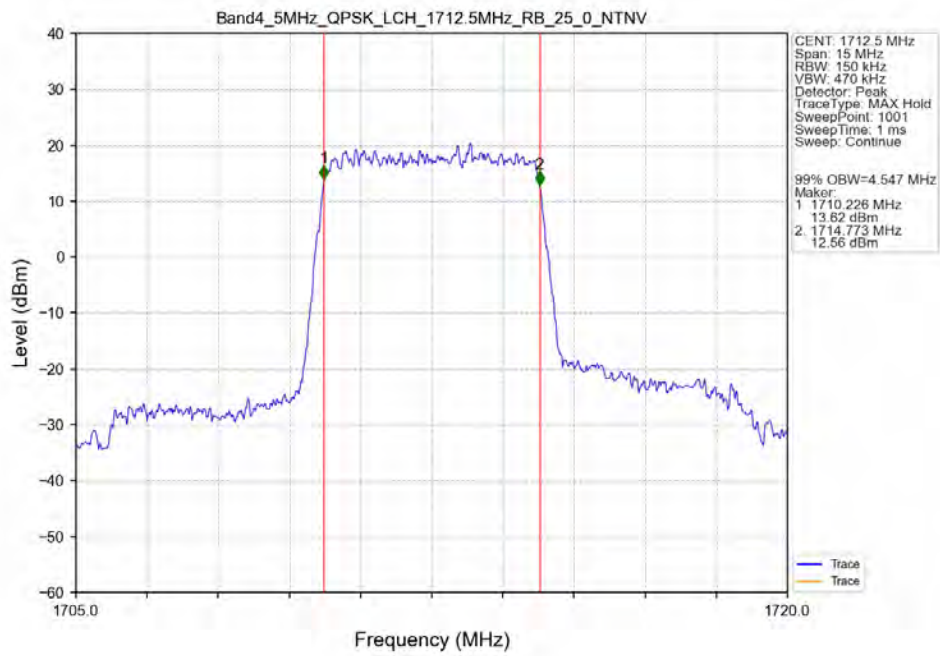
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



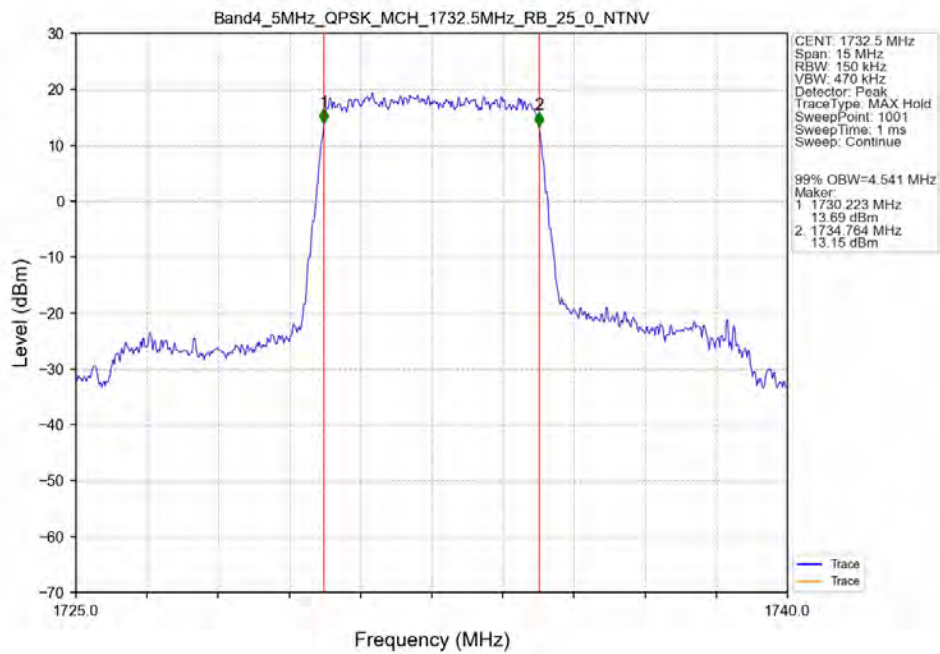
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



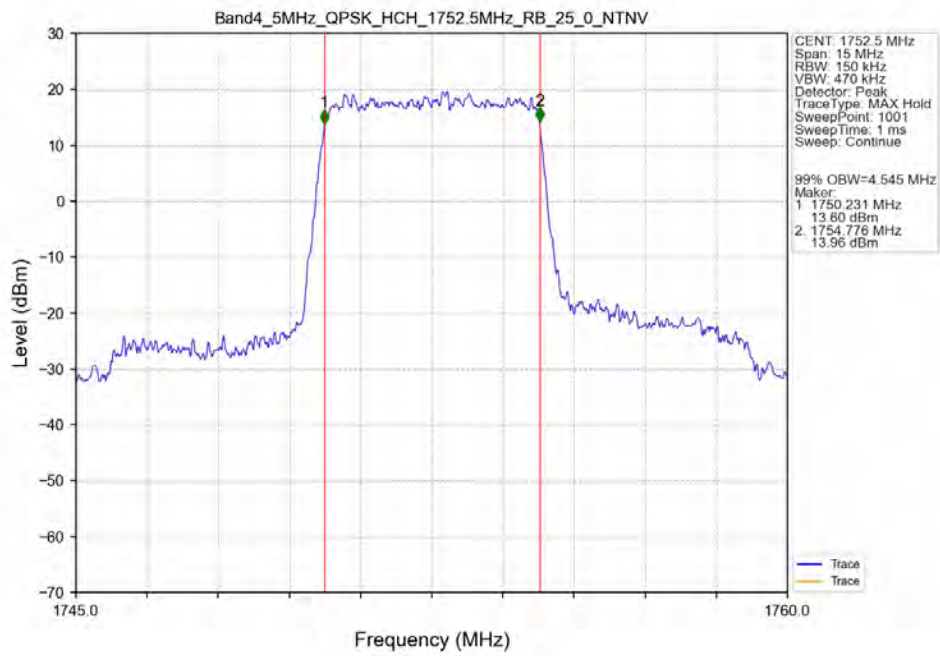
Band4 5MHz QPSK_LCH_1712.5MHz_RB_25_0_NTNV



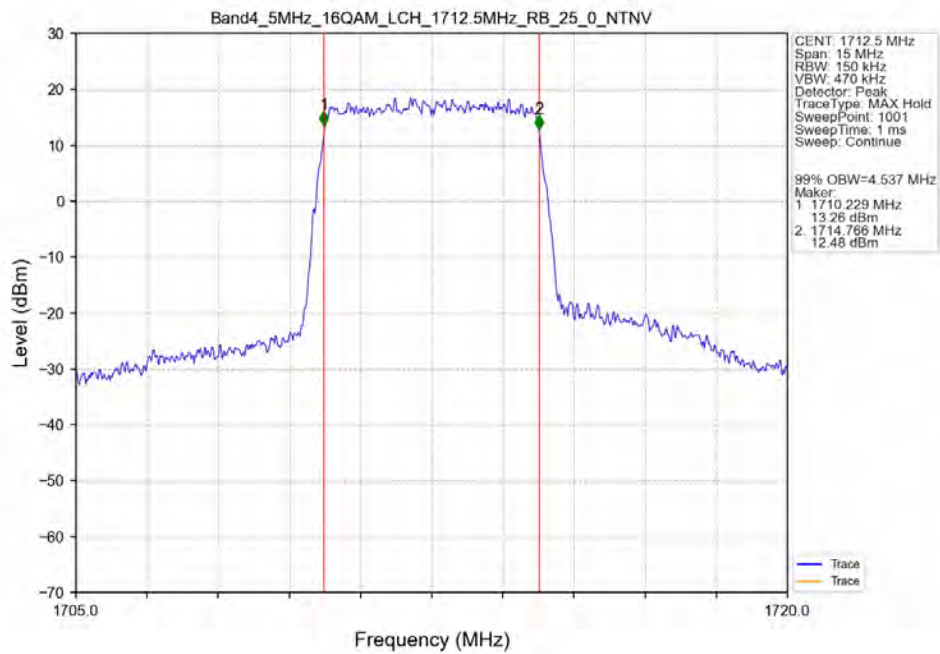
Band4 5MHz QPSK_MCH_1732.5MHz_RB_25_0_NTNV



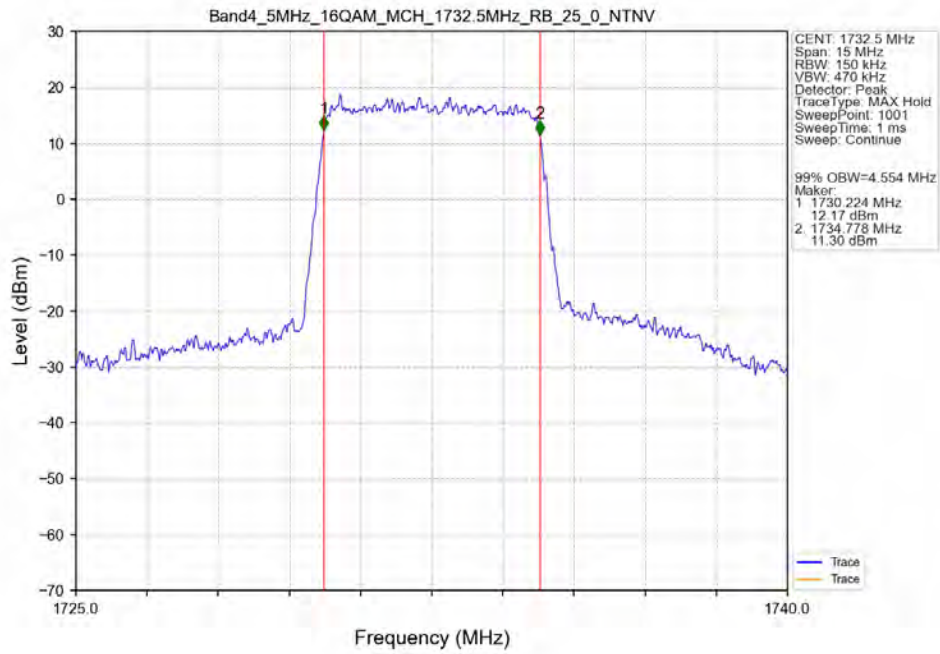
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



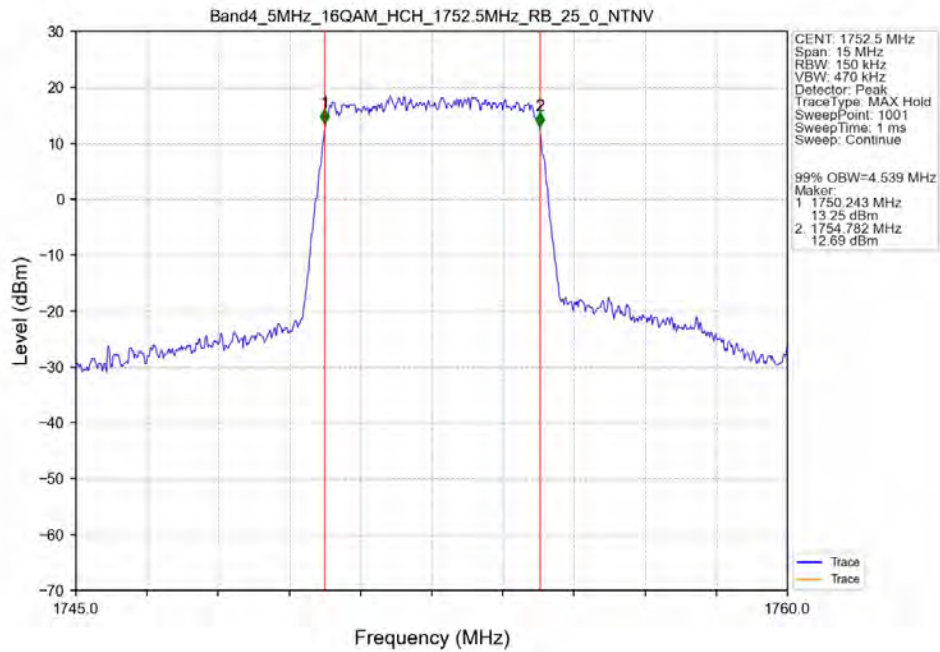
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



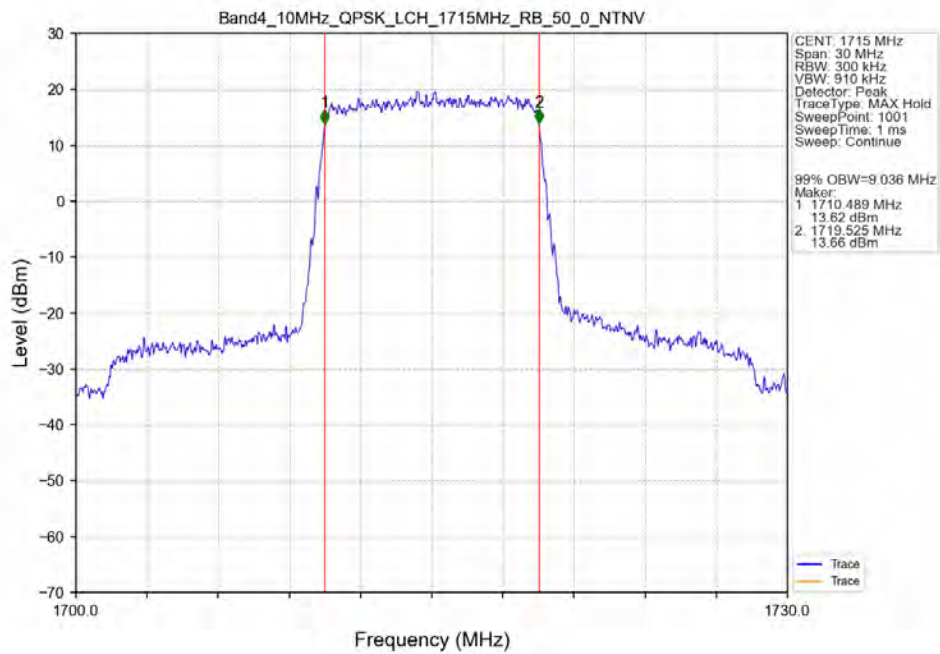
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



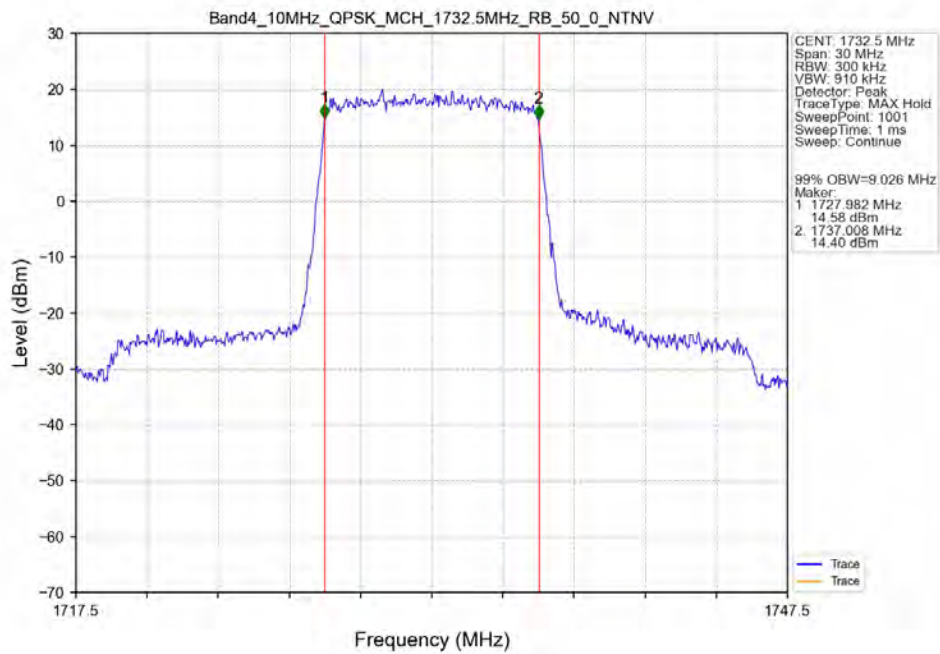
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



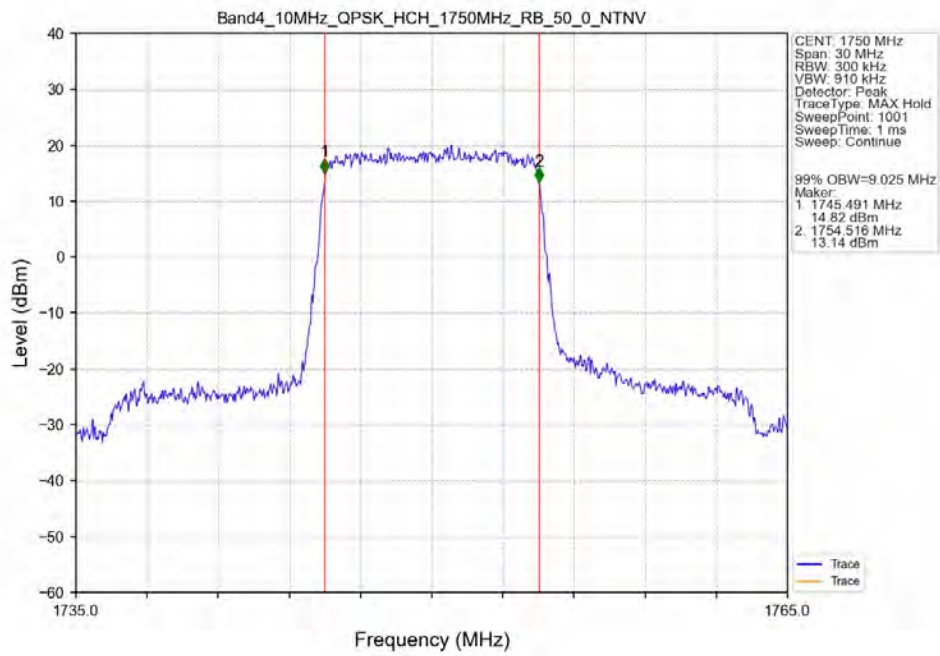
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



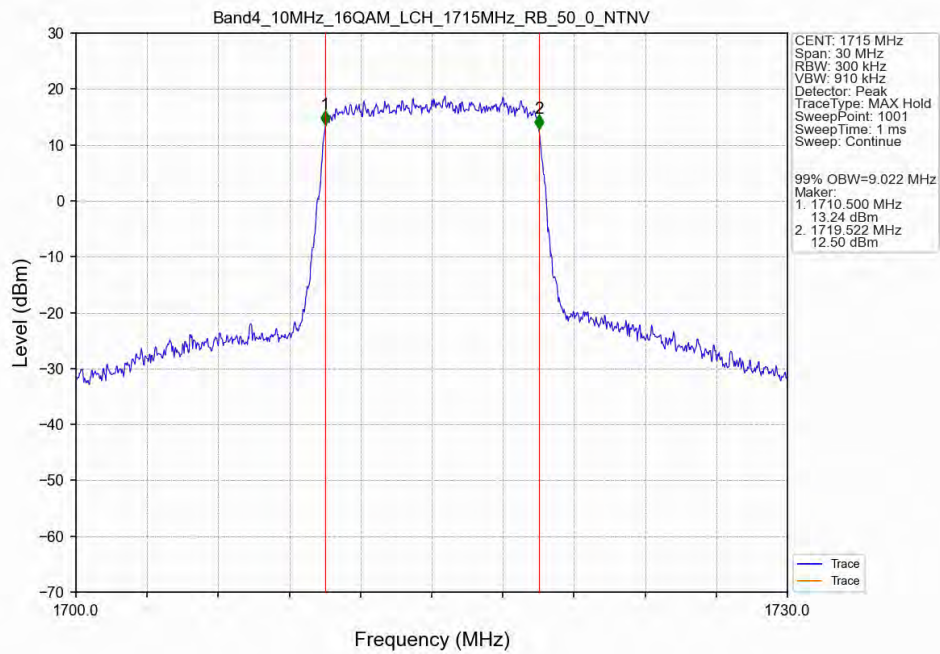
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



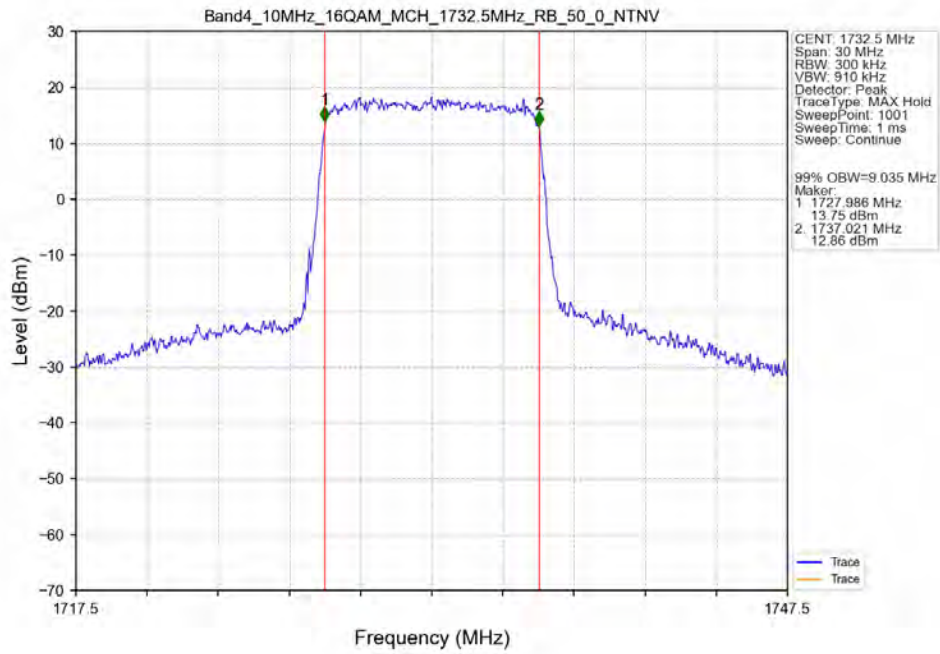
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



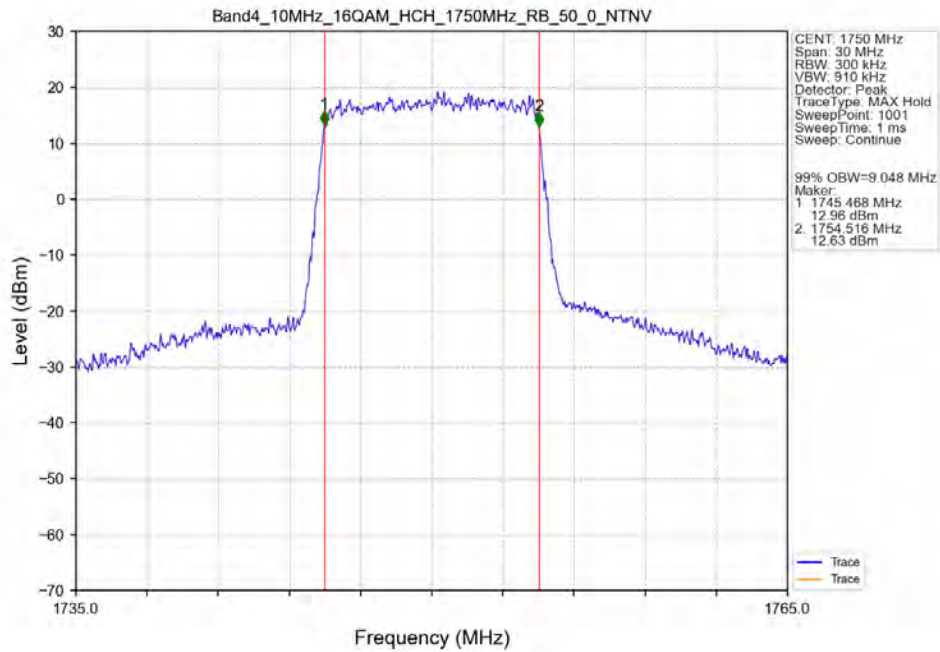
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



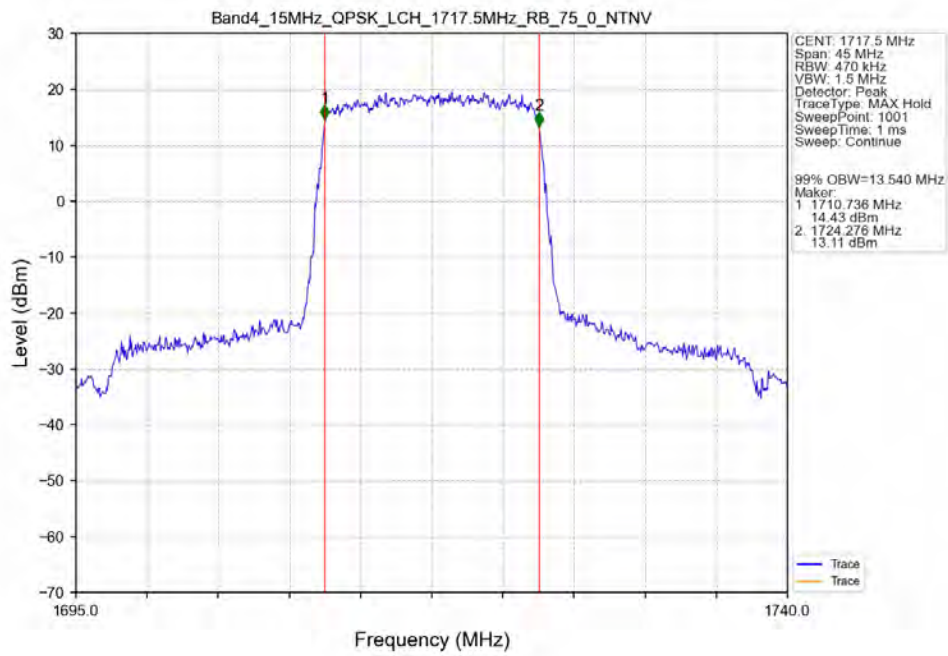
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



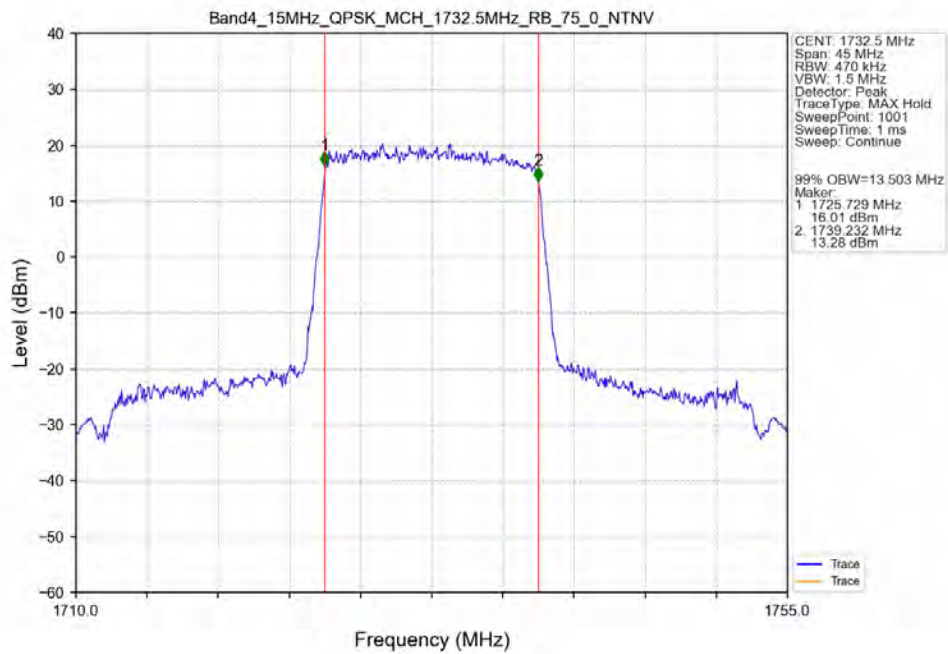
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



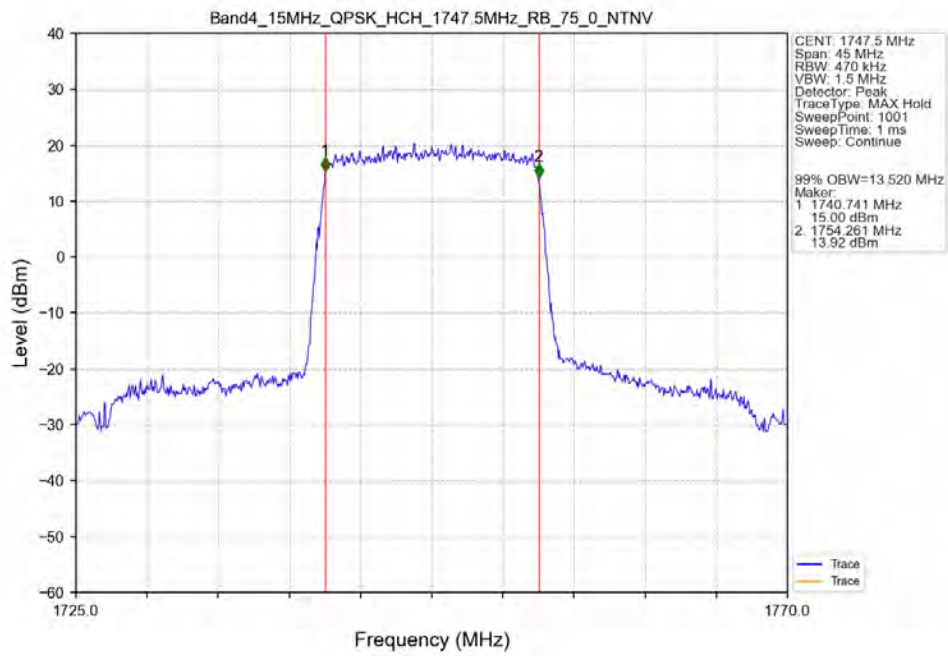
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



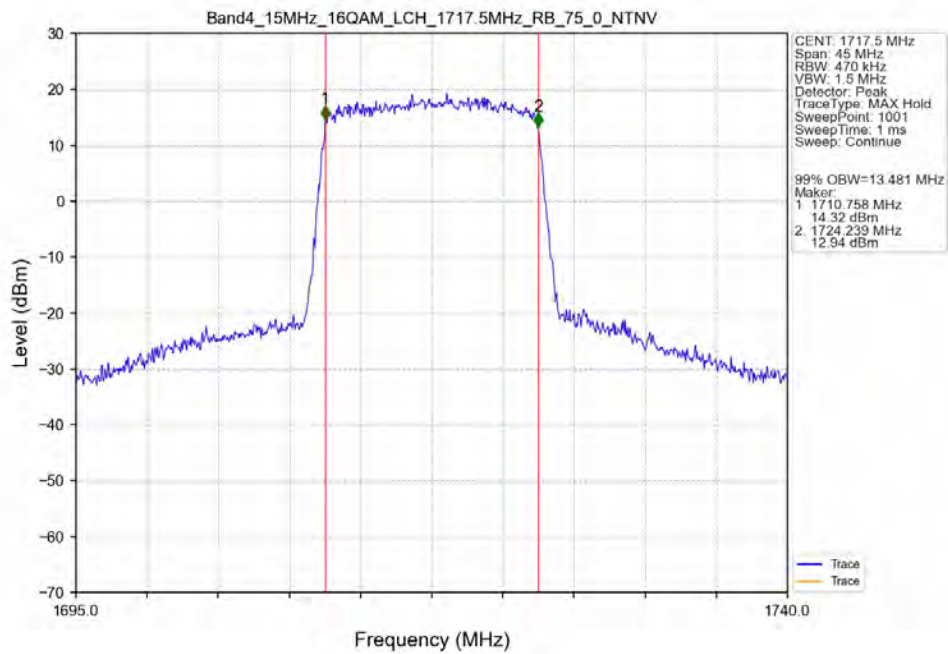
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



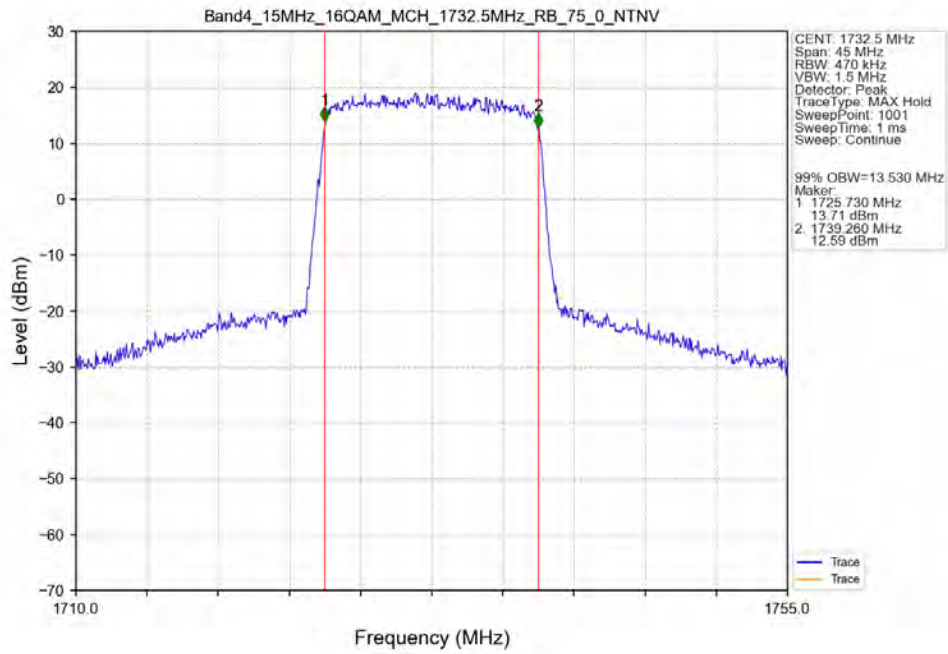
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



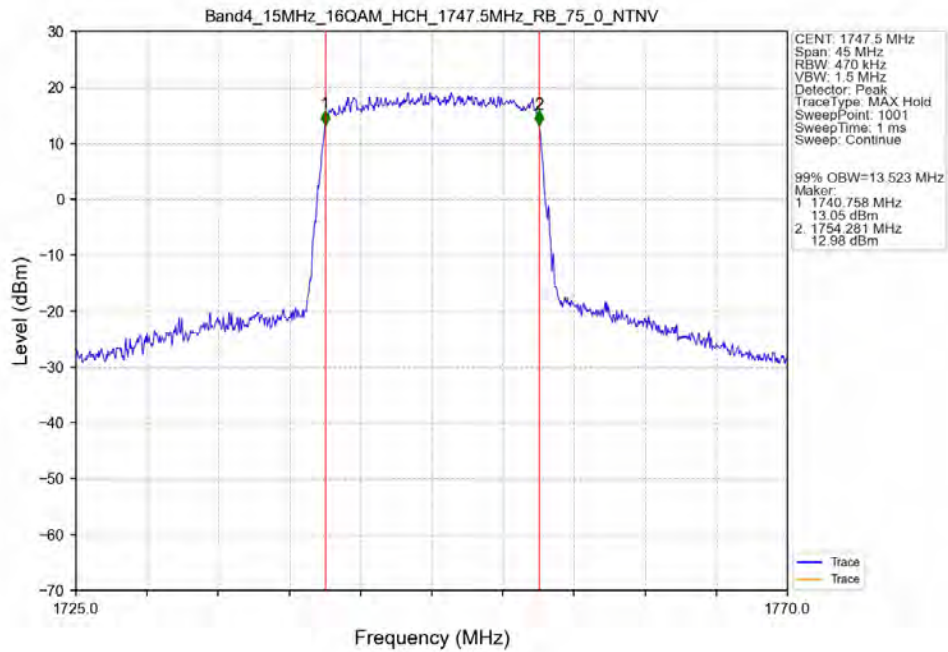
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



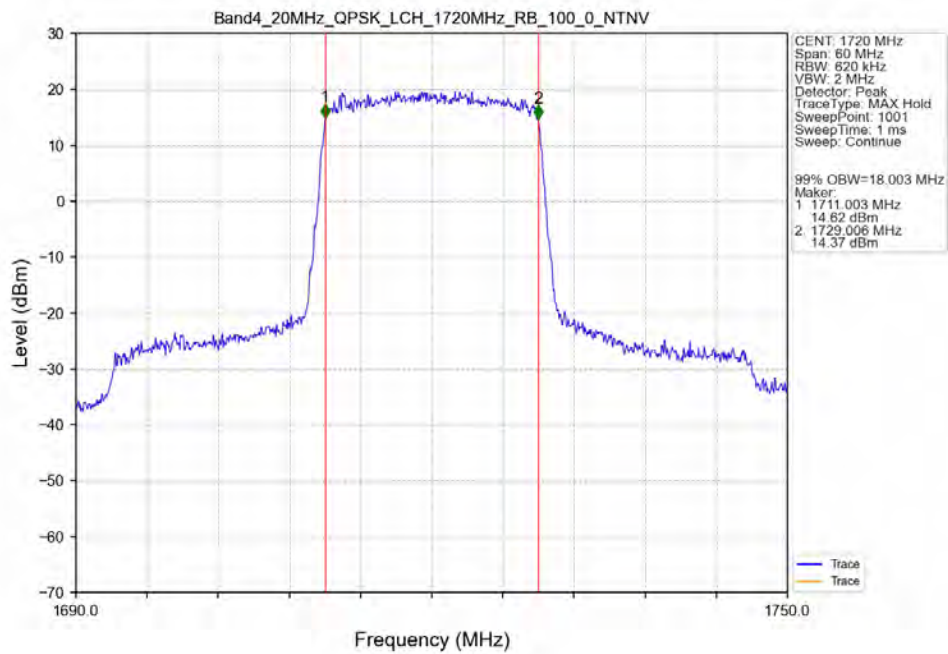
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



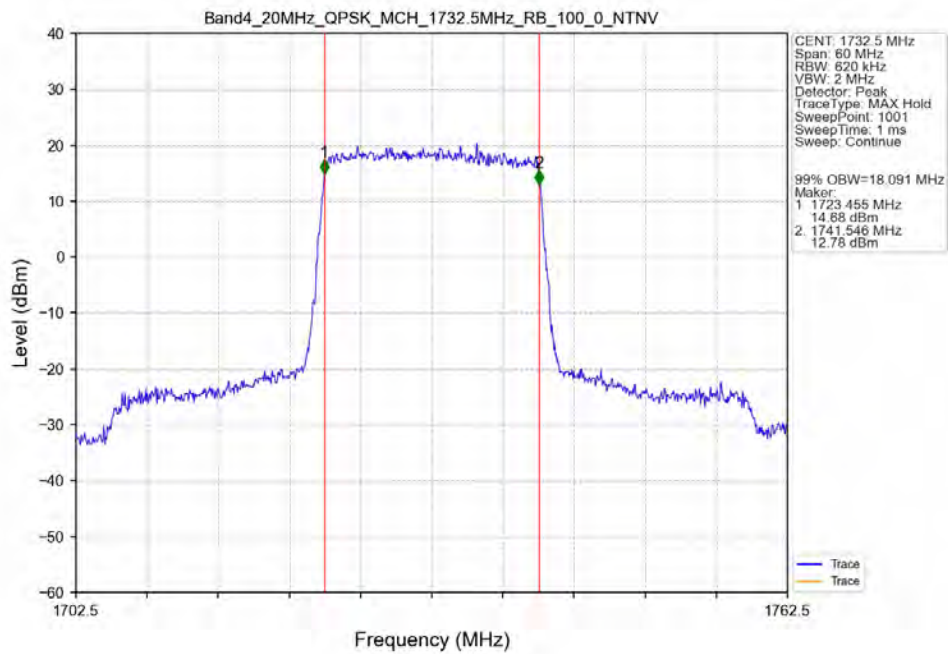
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



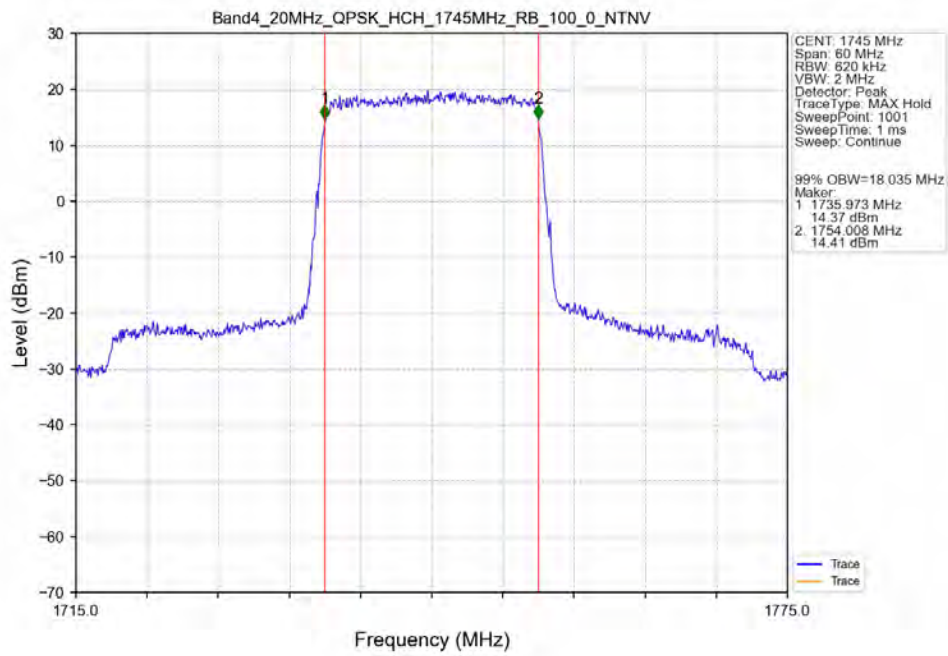
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



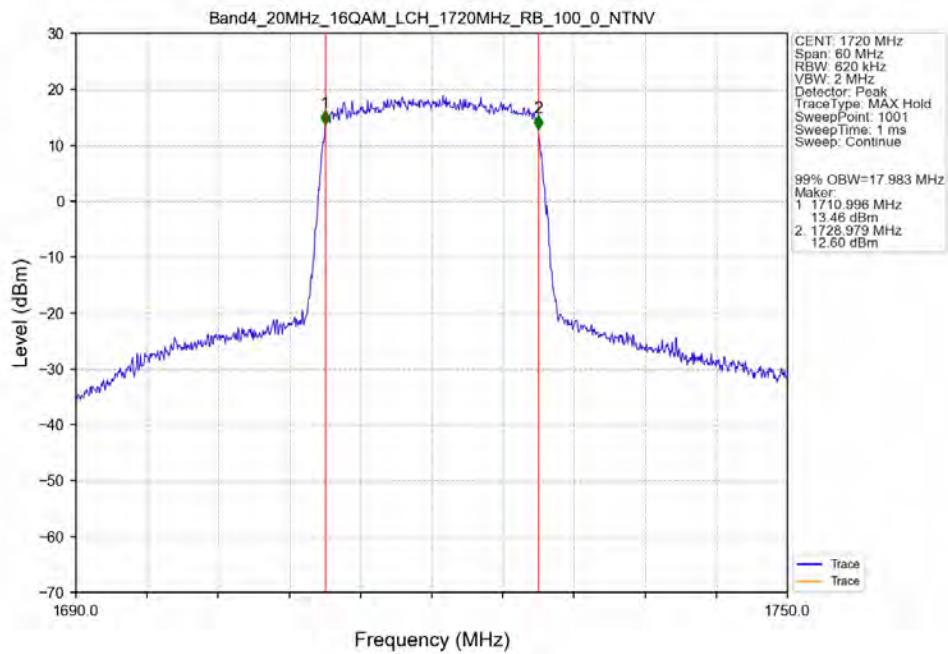
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



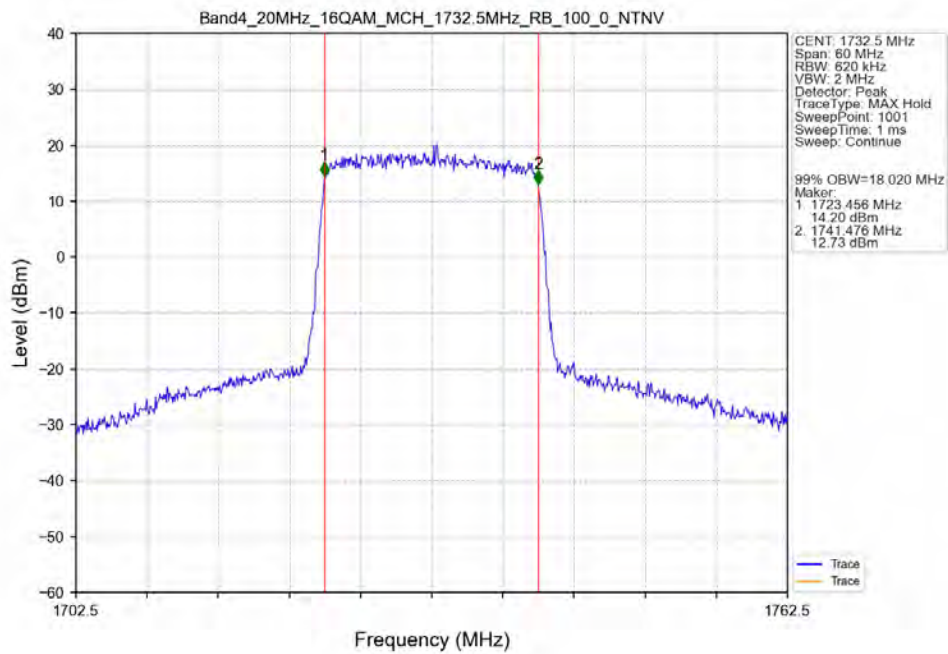
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



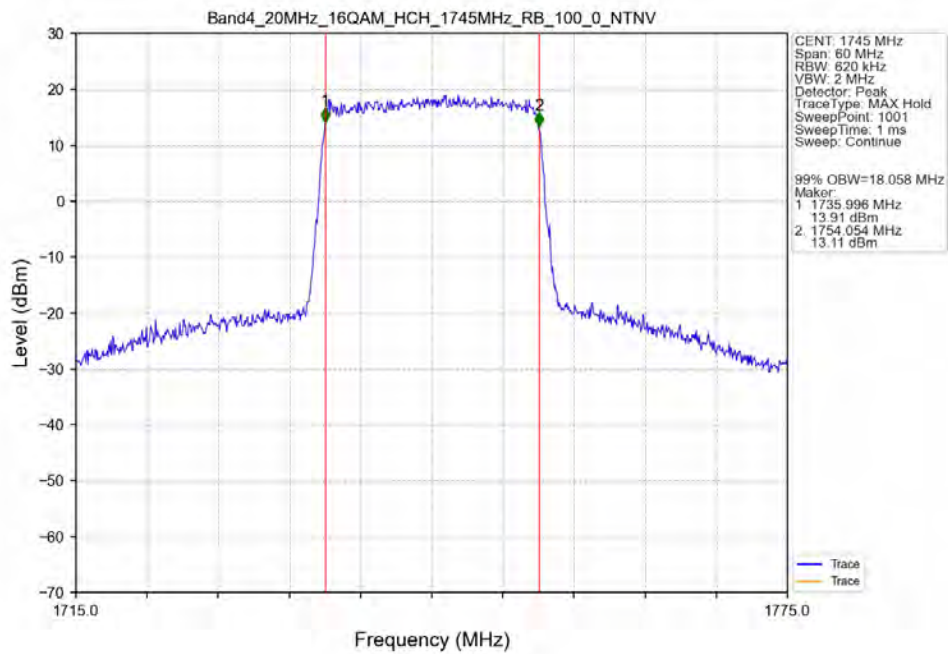
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



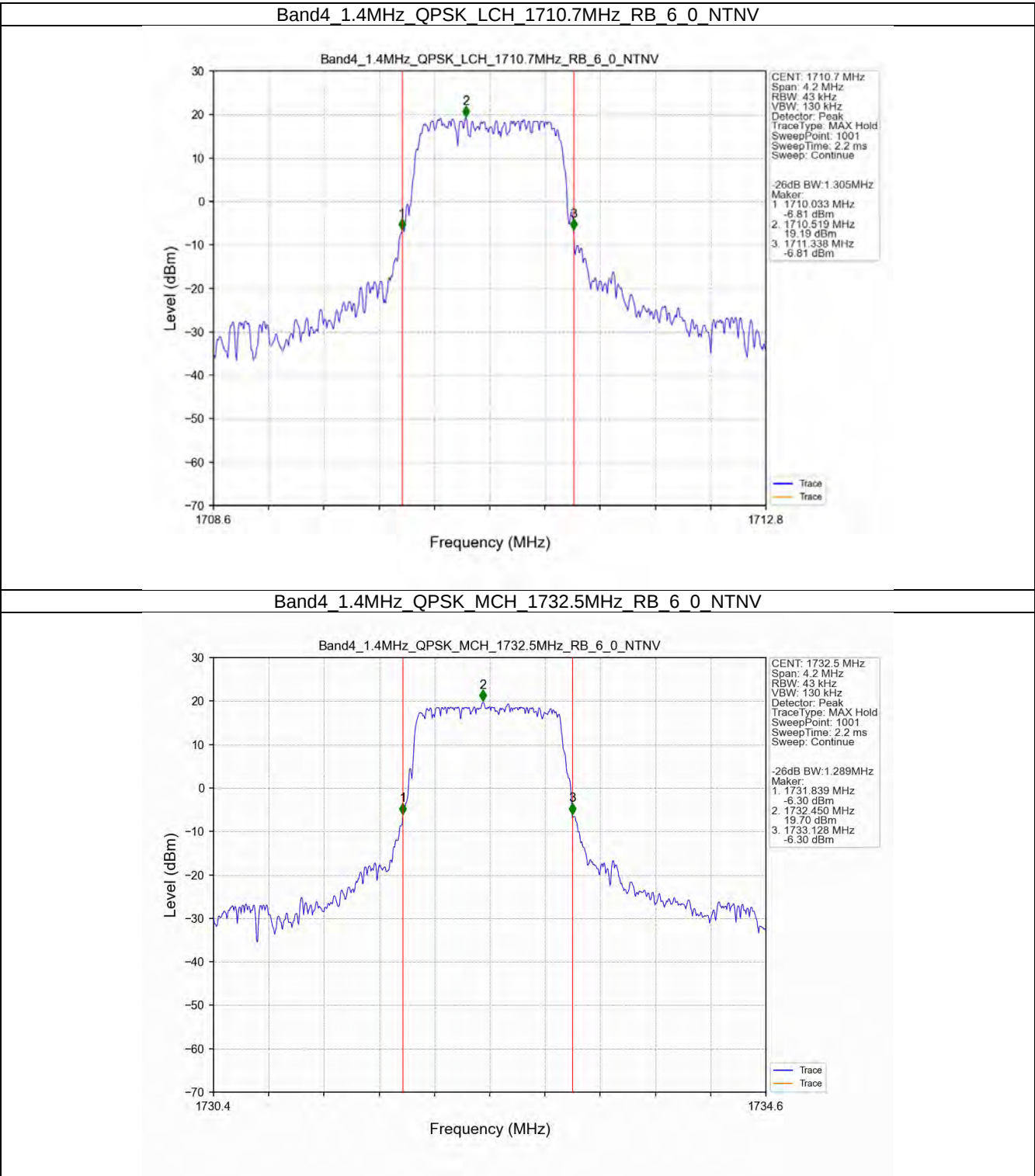
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



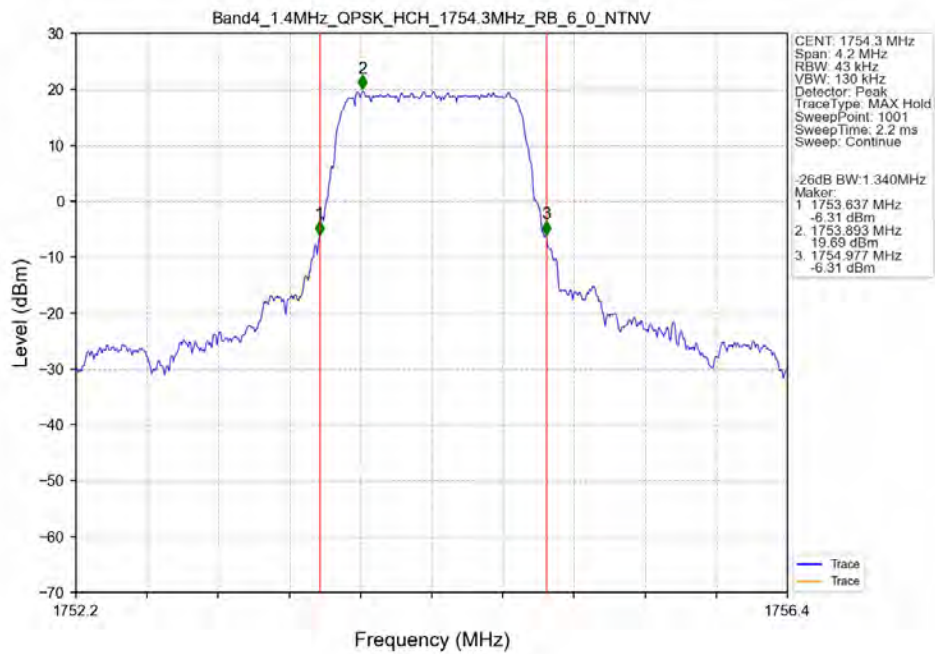
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



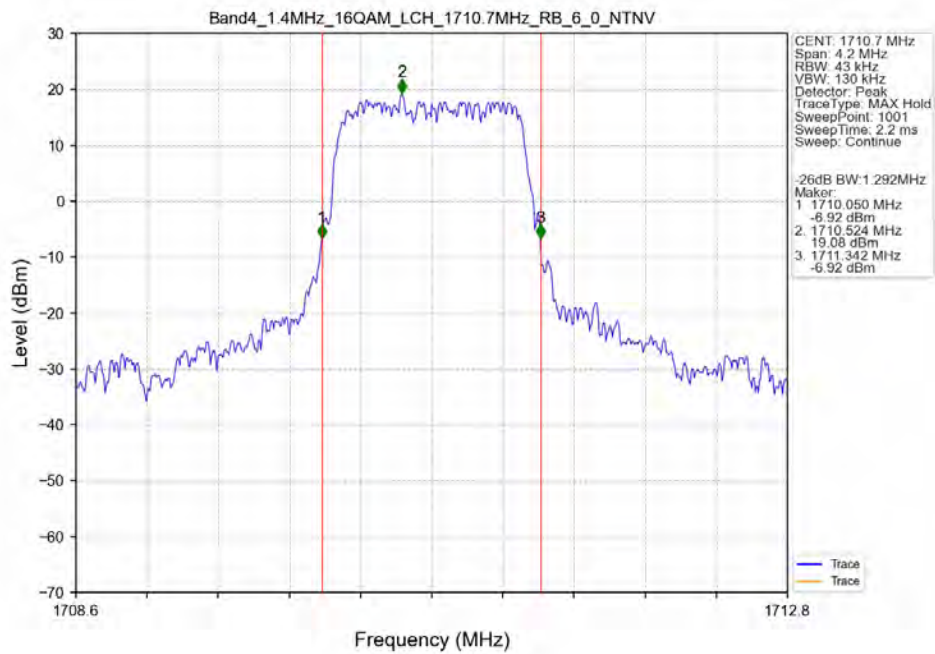
3.2.2 Band4_XDB



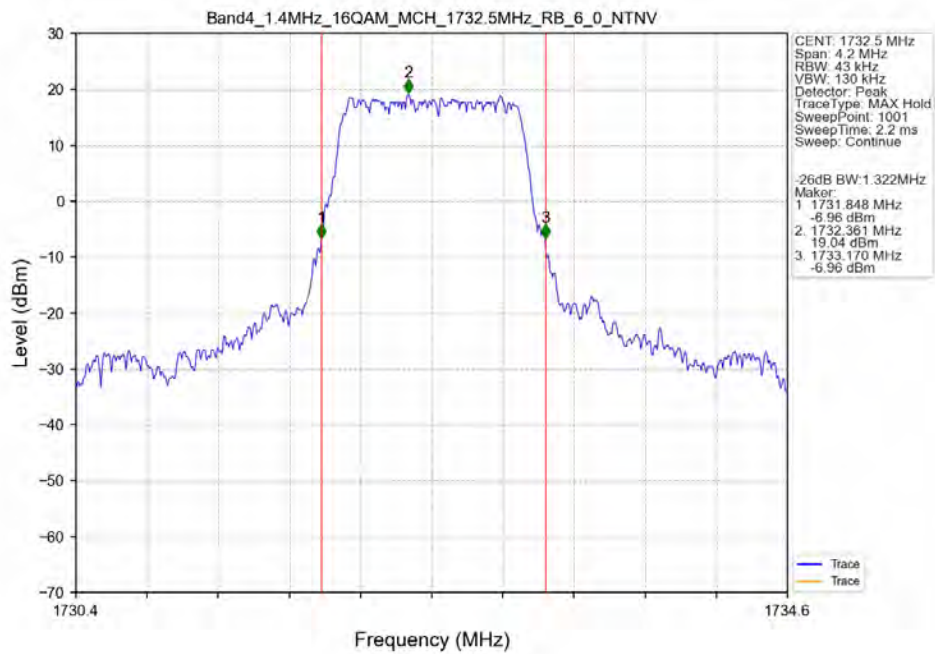
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



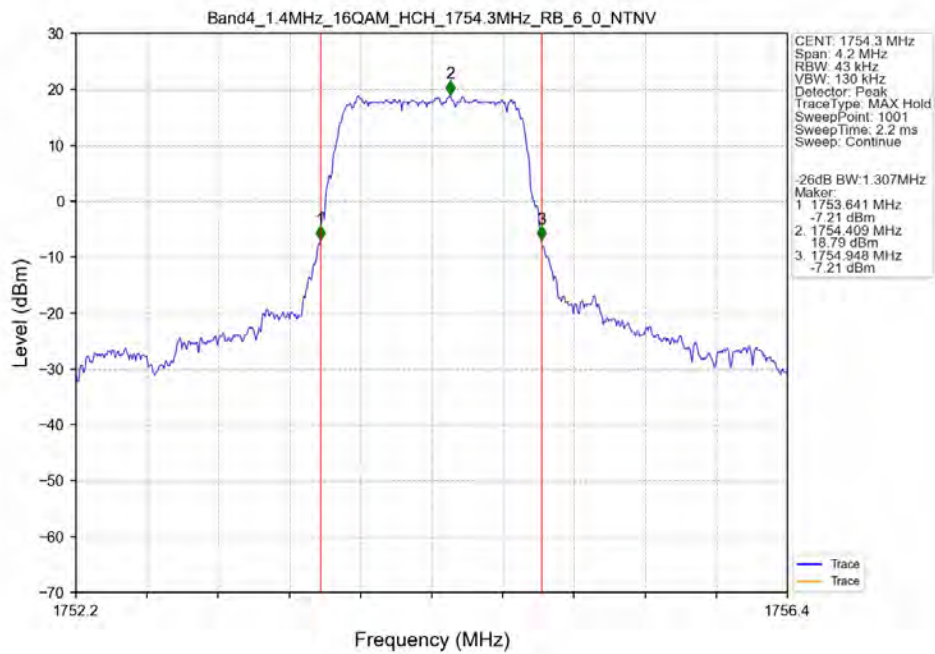
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



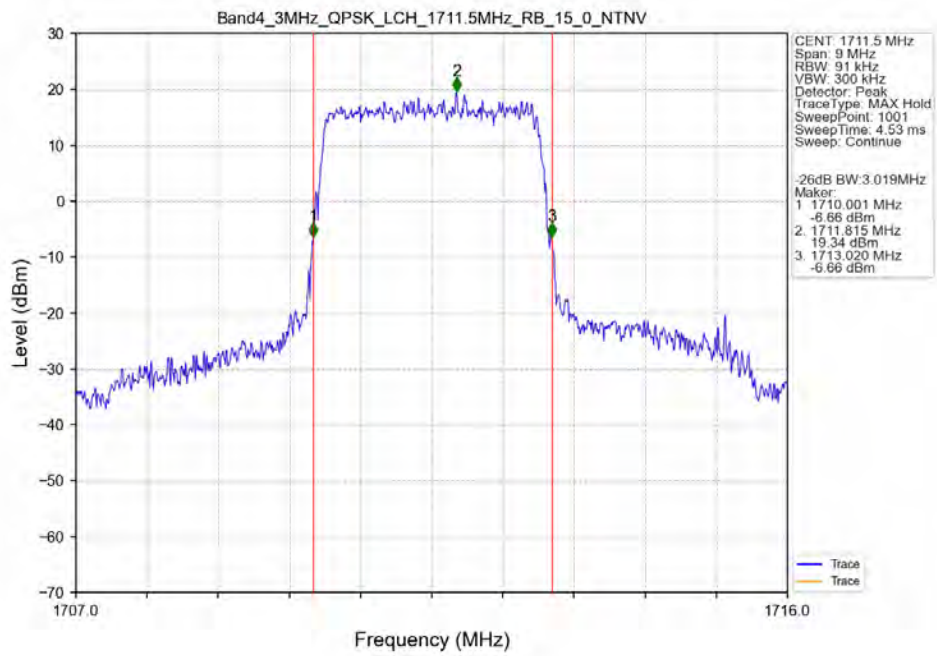
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



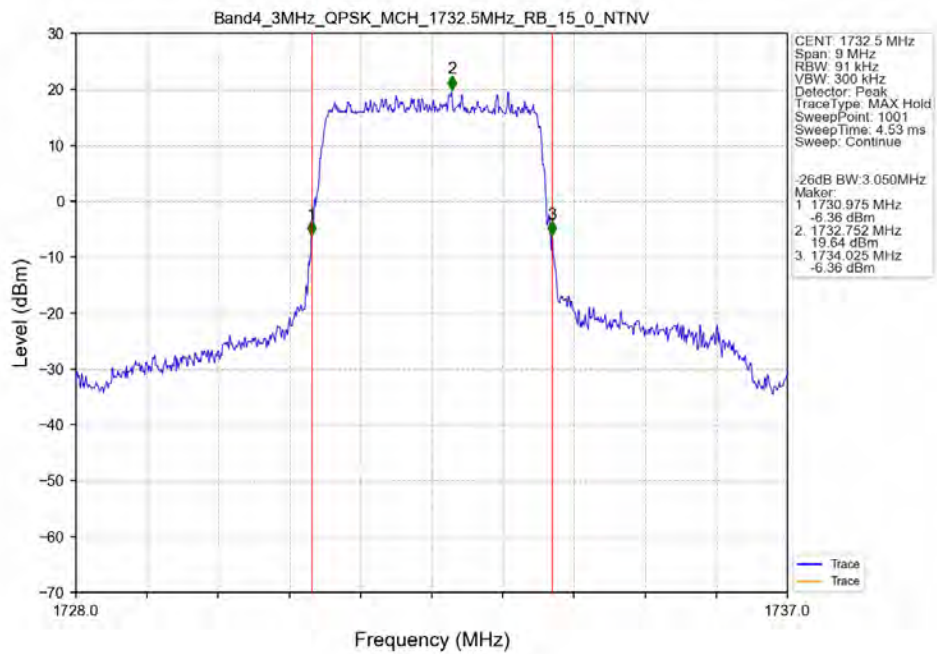
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



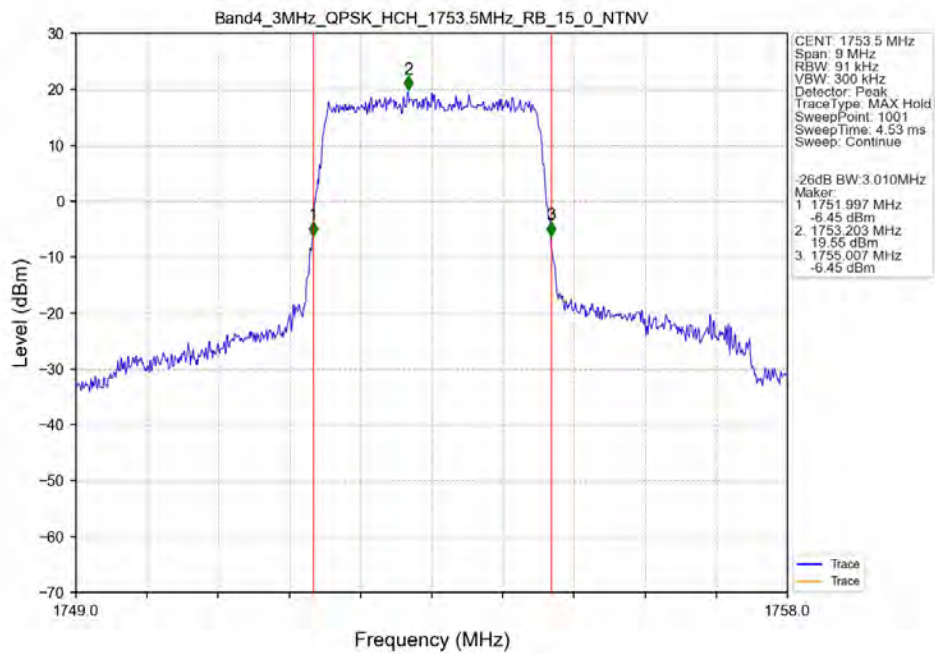
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



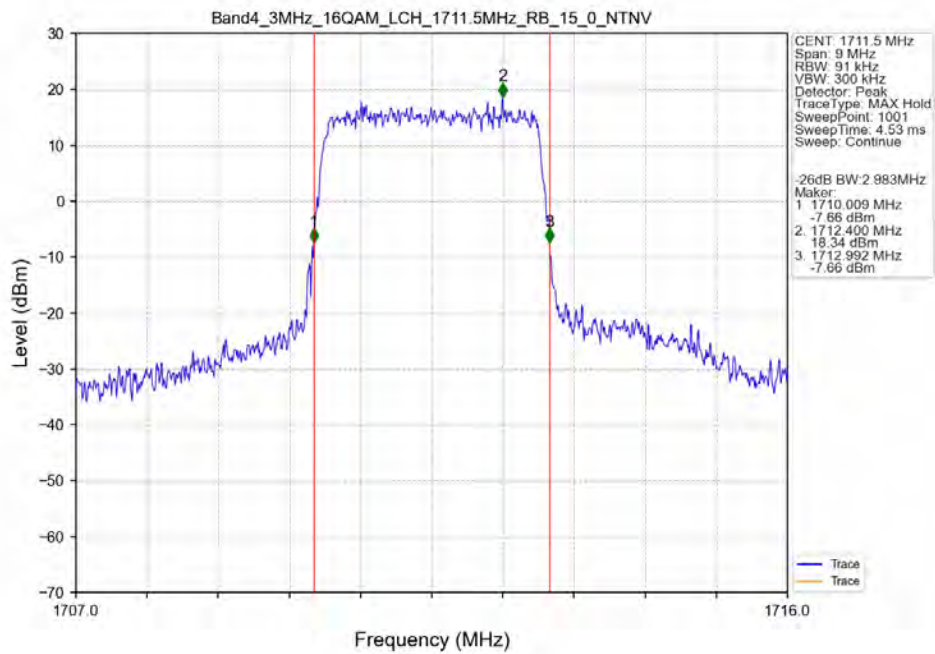
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



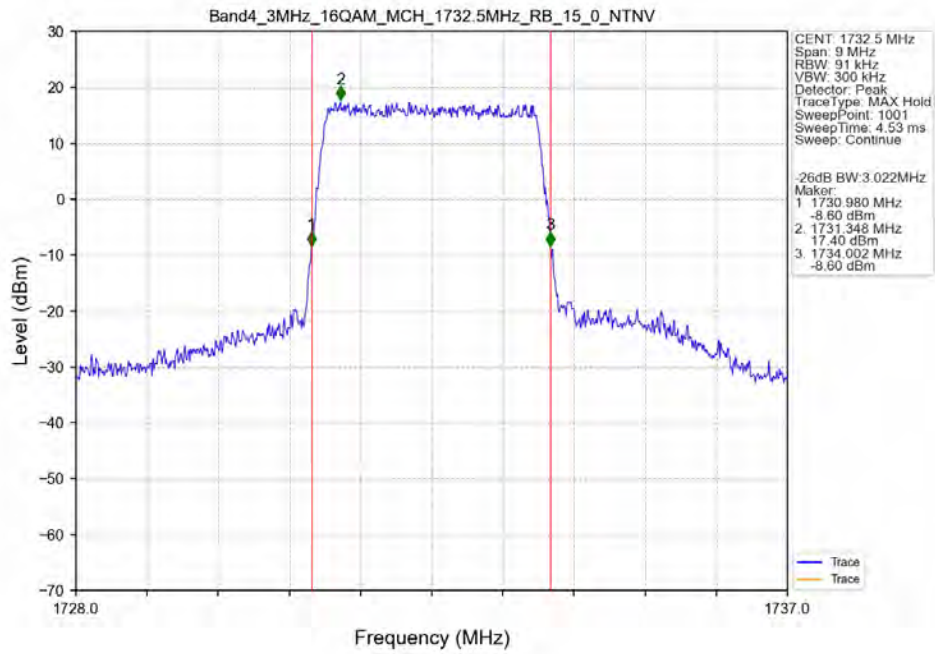
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



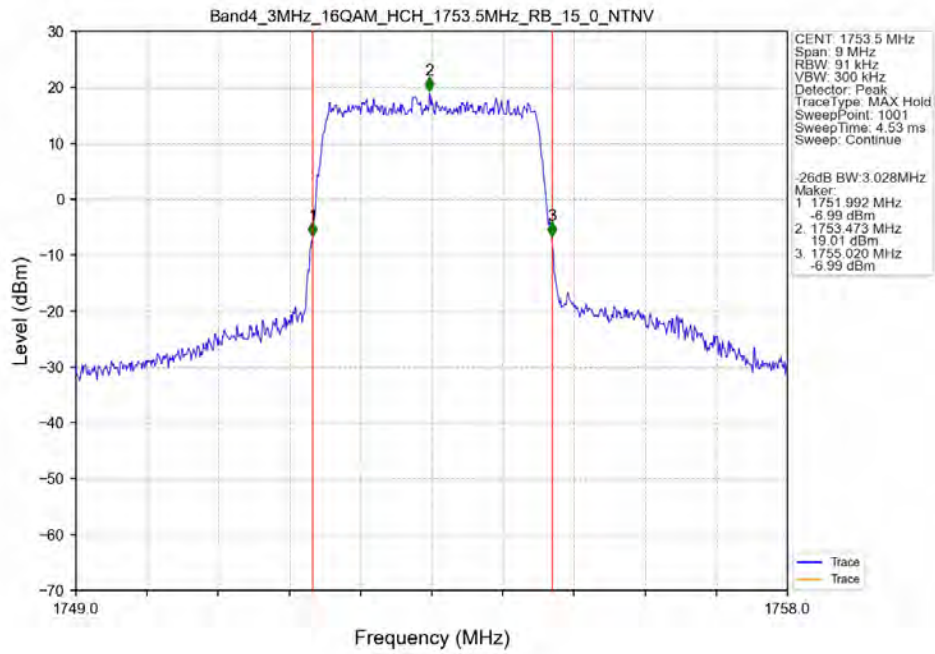
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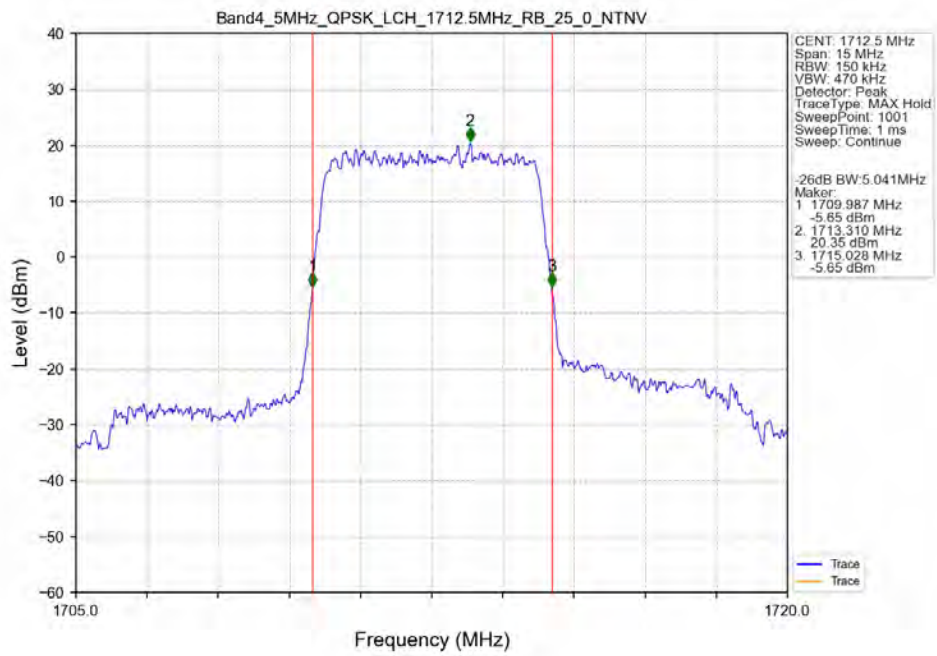
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



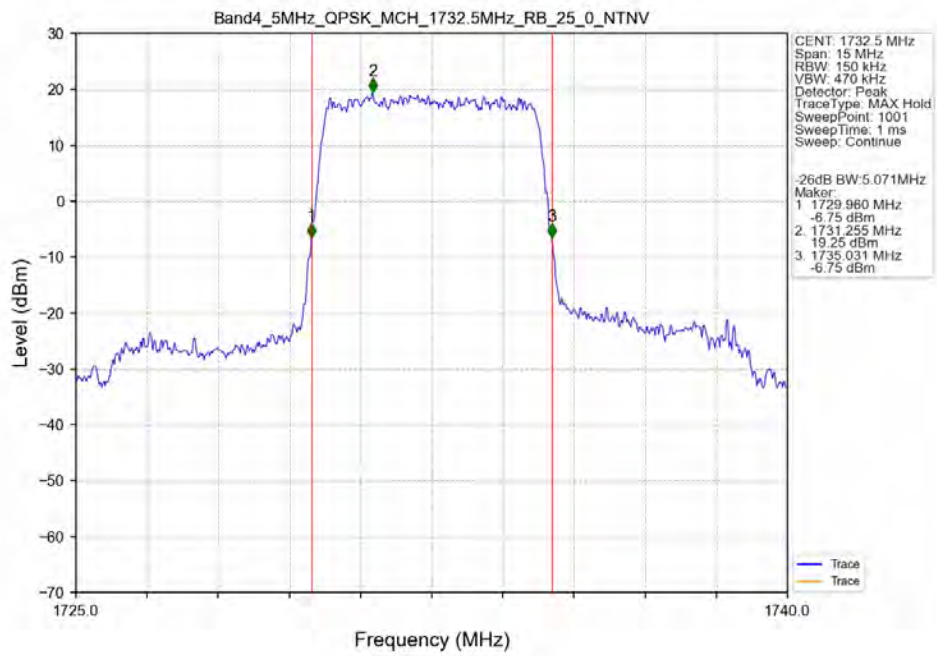
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



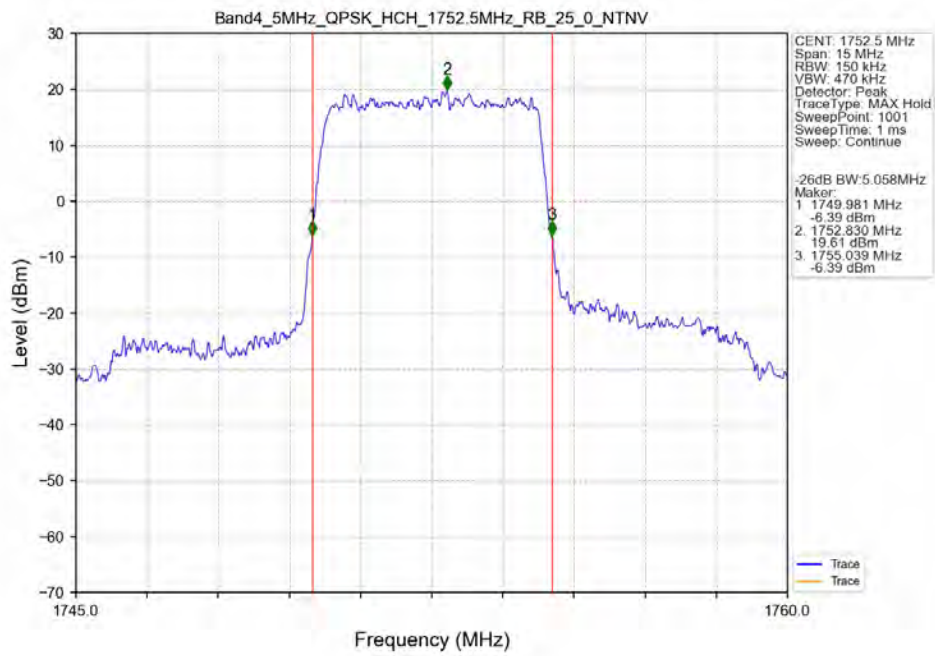
Band4 5MHz QPSK_LCH_1712.5MHz_RB_25_0_NTNV



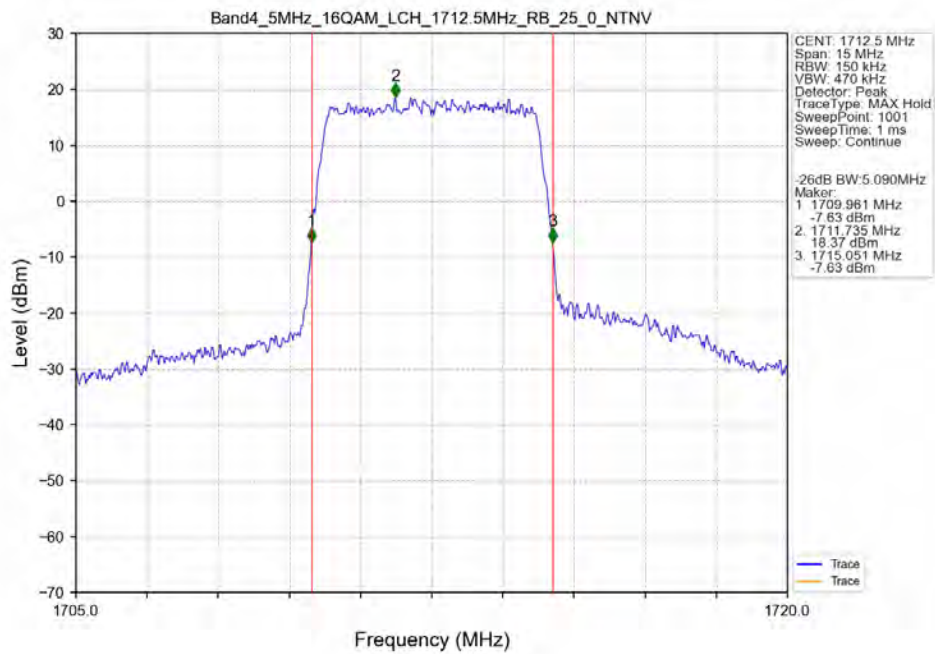
Band4 5MHz QPSK_MCH_1732.5MHz_RB_25_0_NTNV



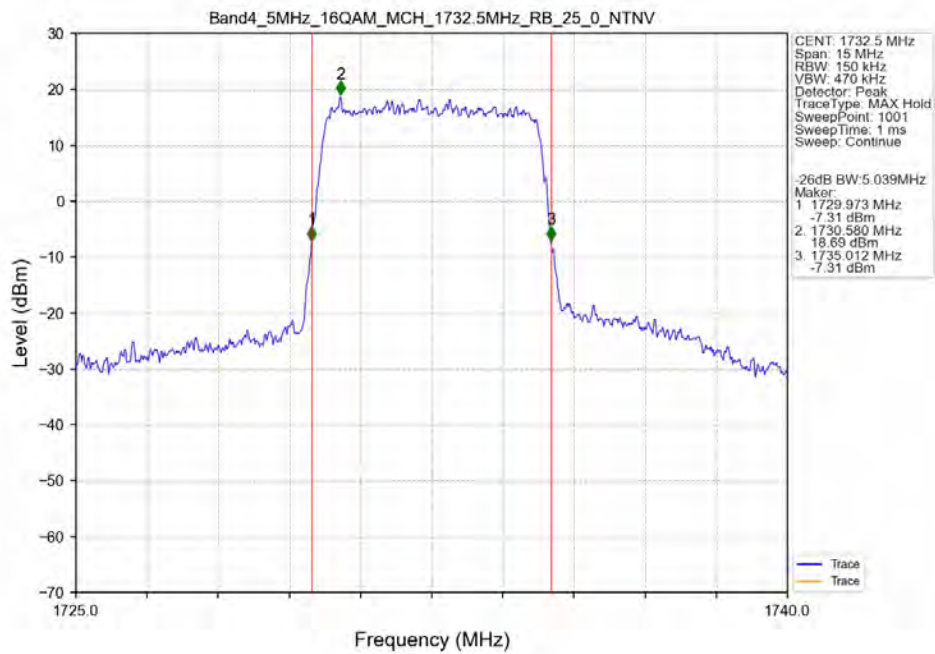
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



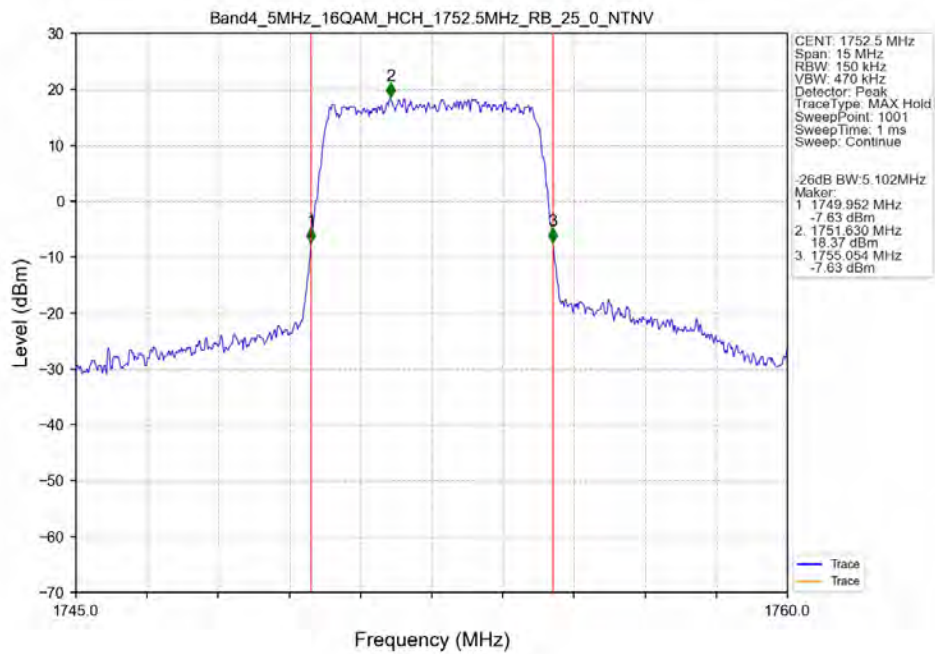
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



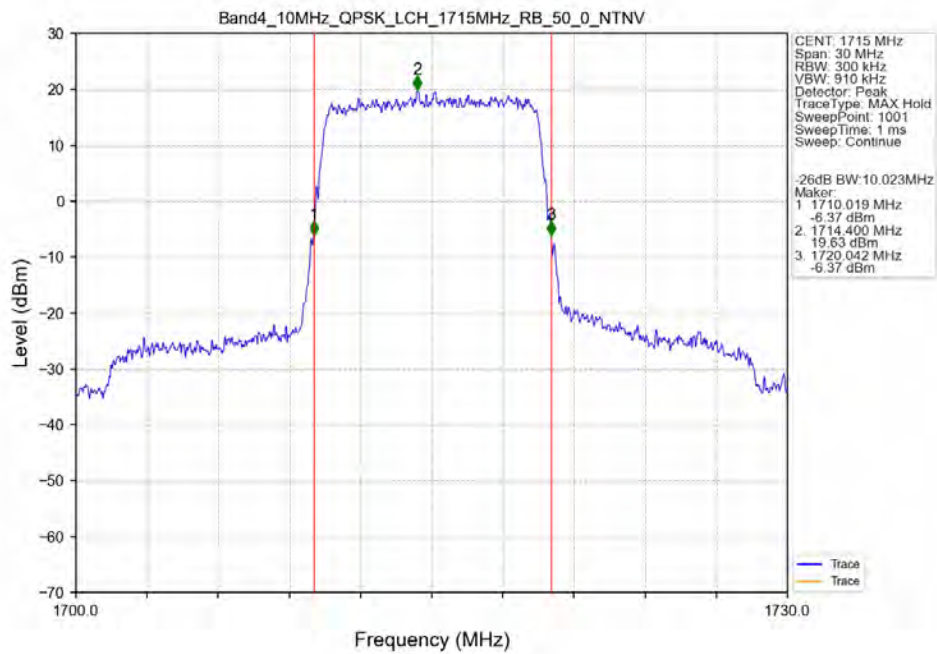
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



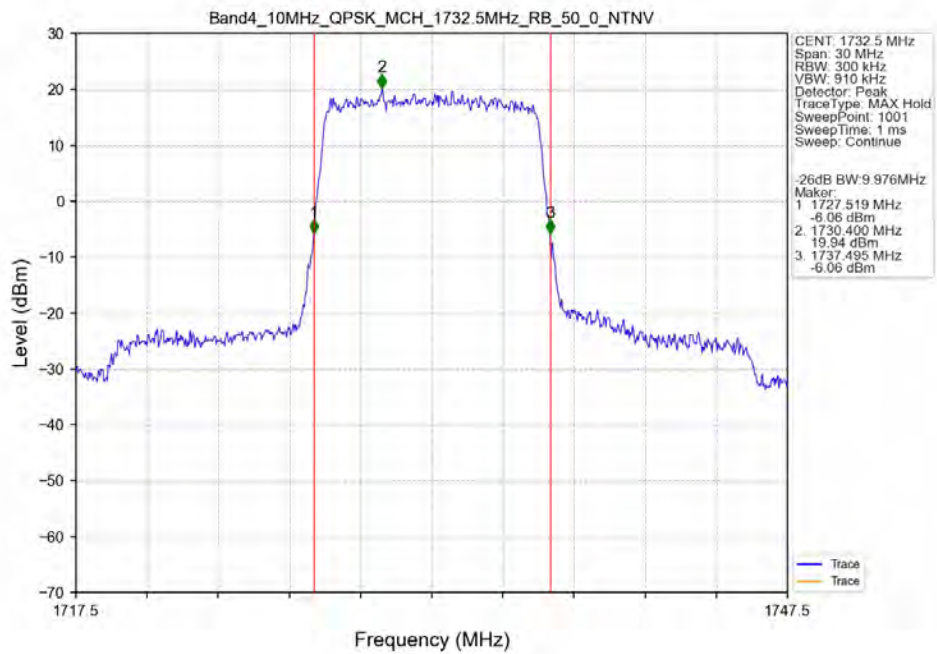
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



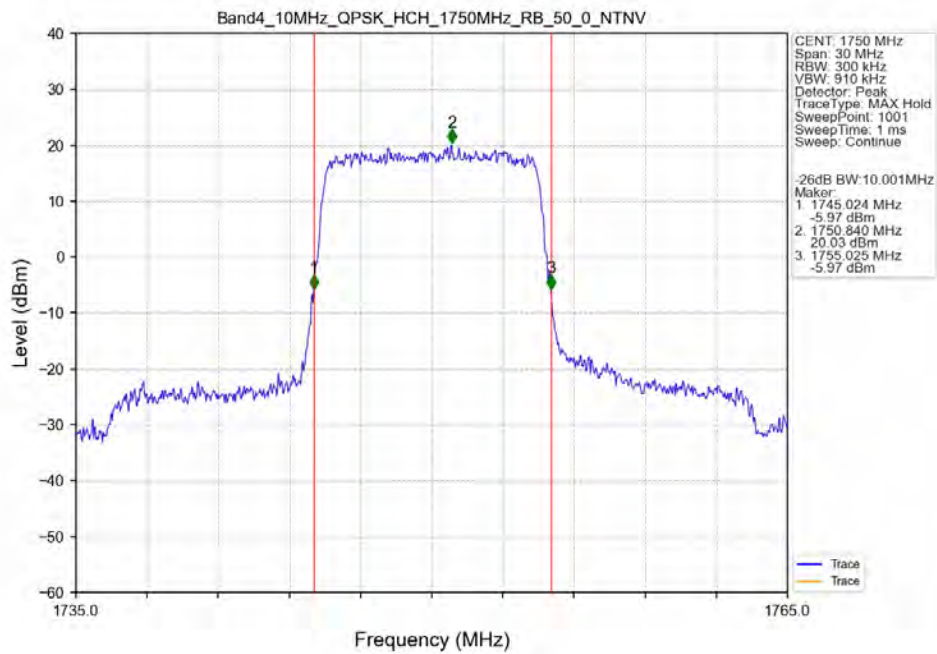
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



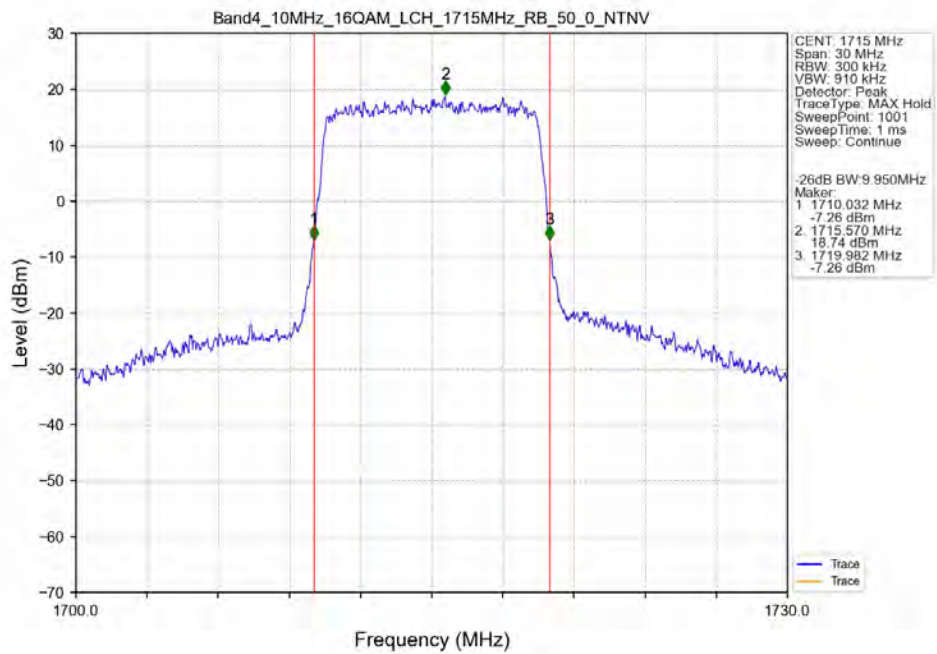
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



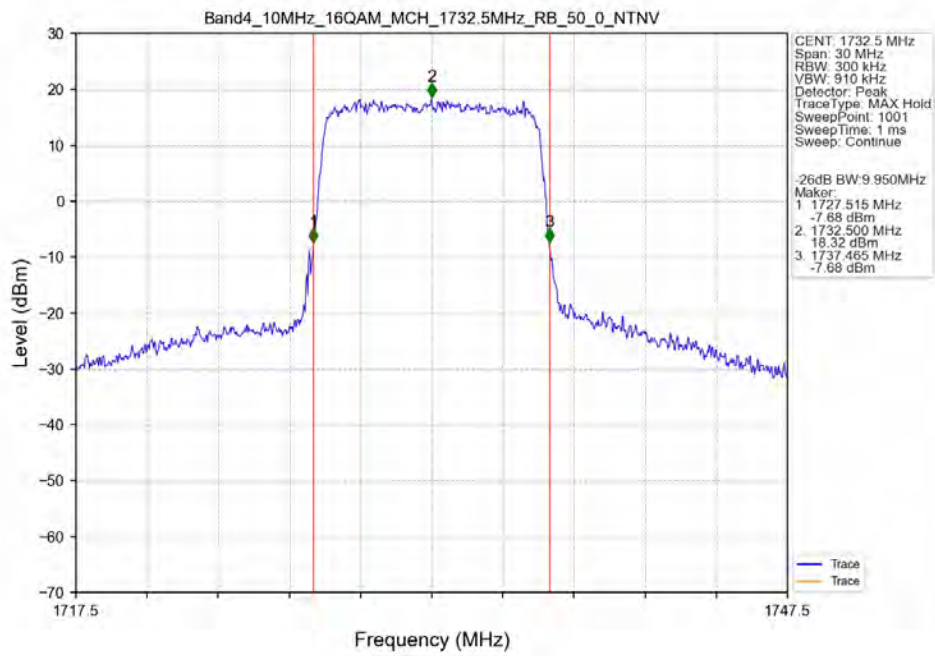
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



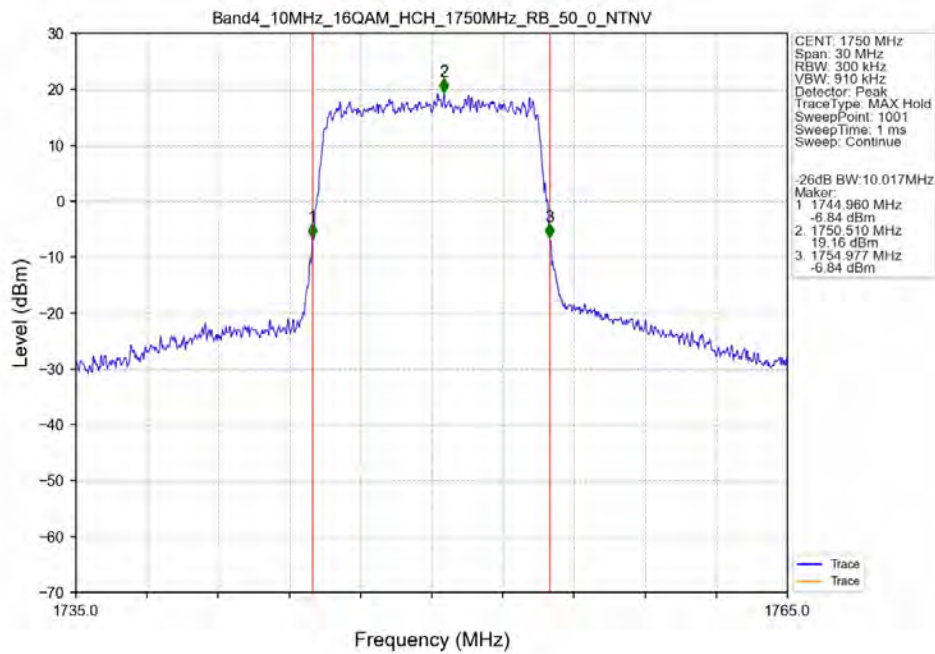
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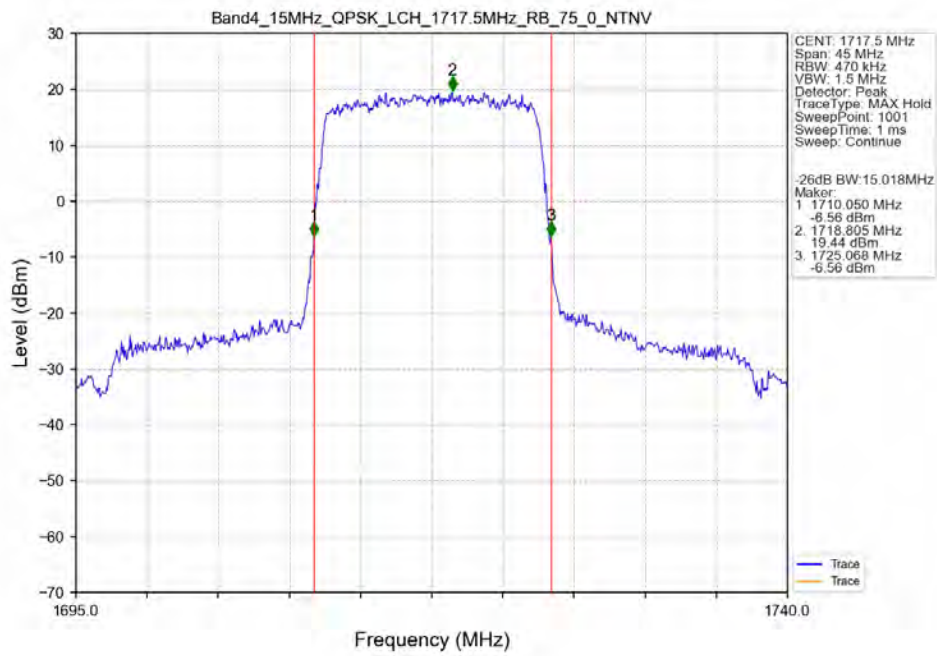
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



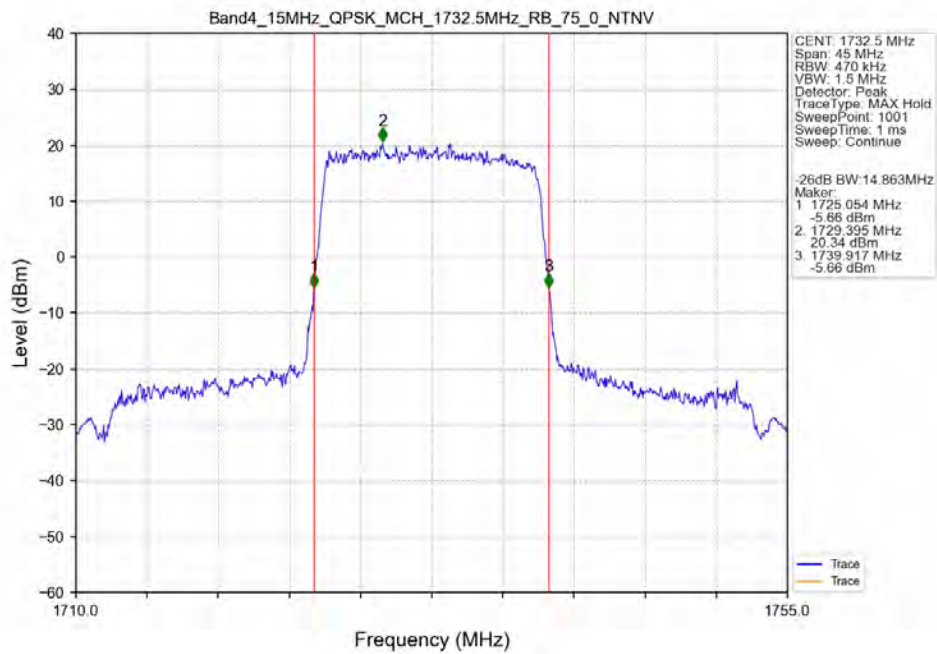
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



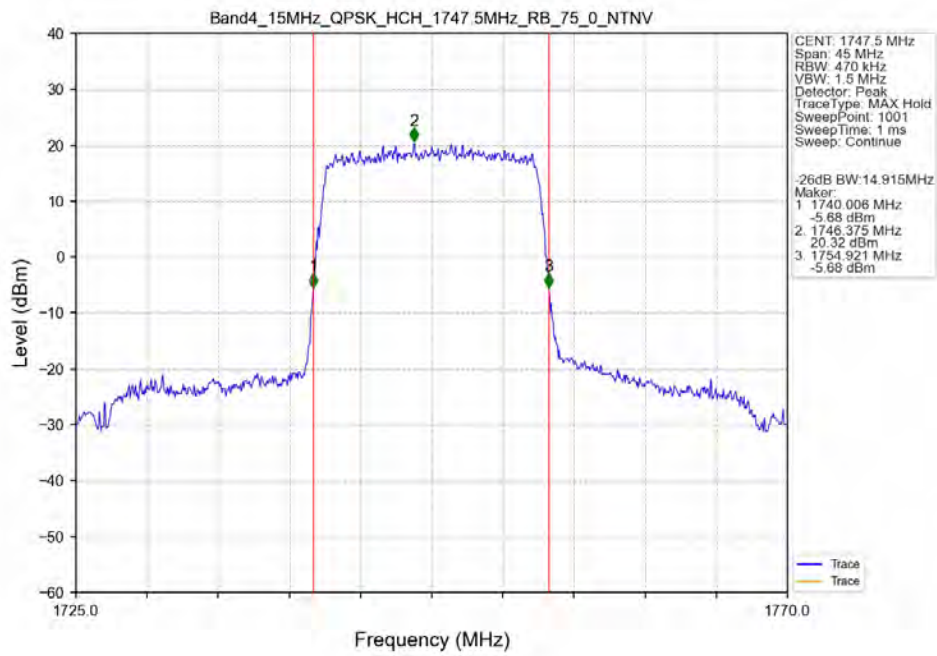
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



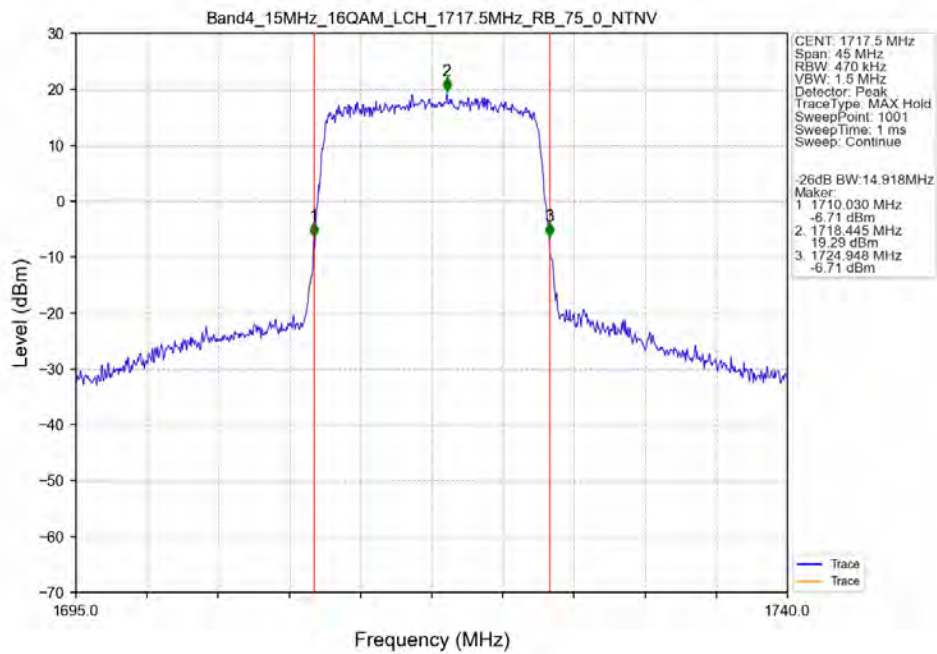
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



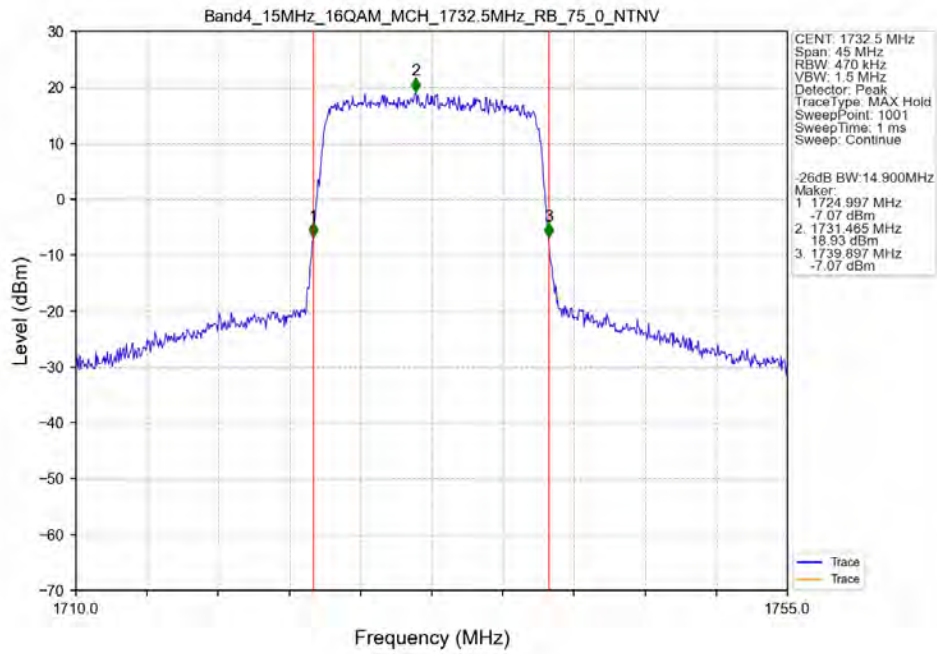
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



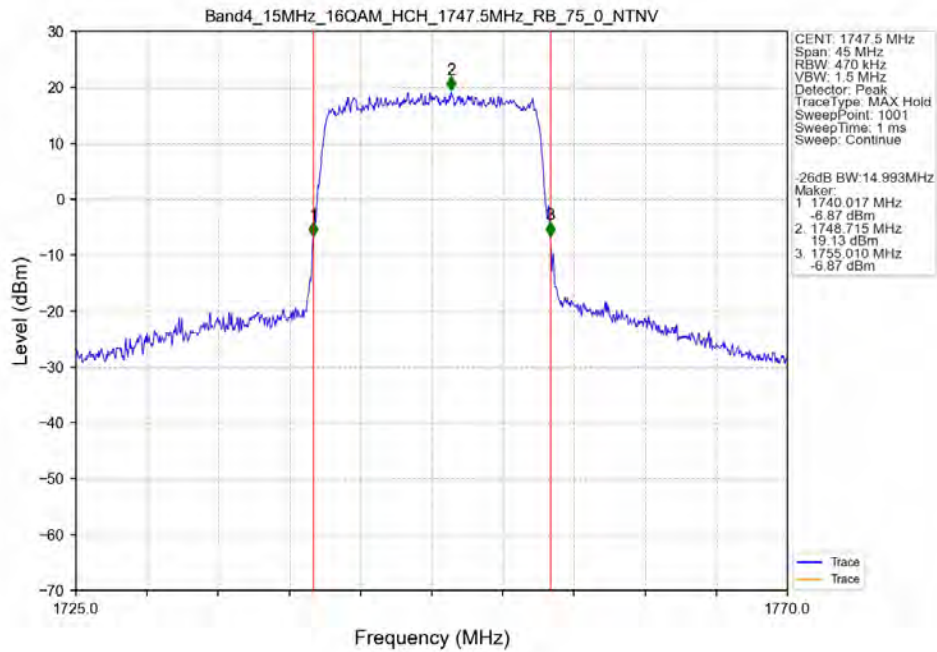
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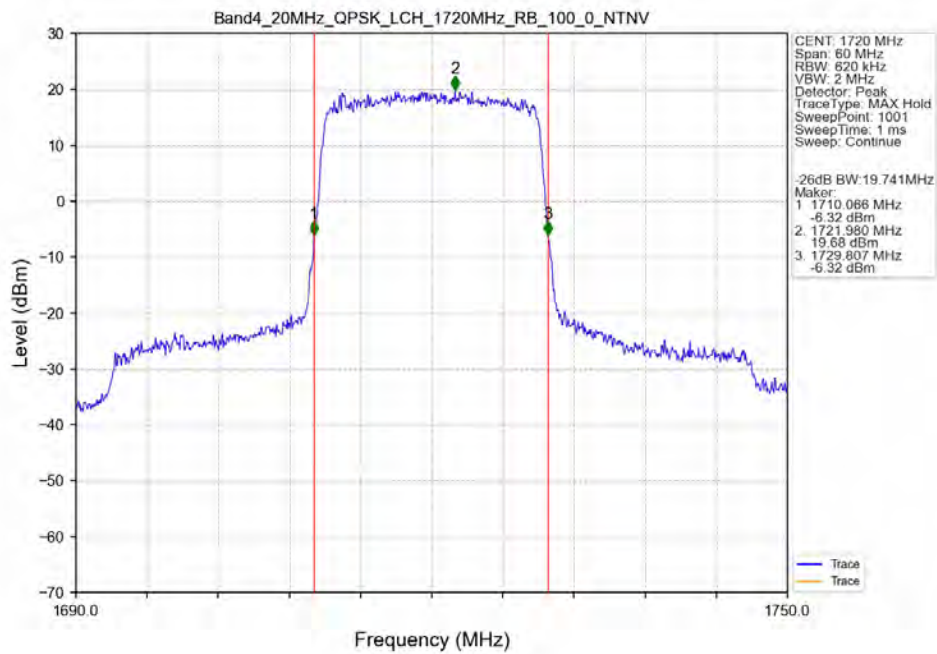
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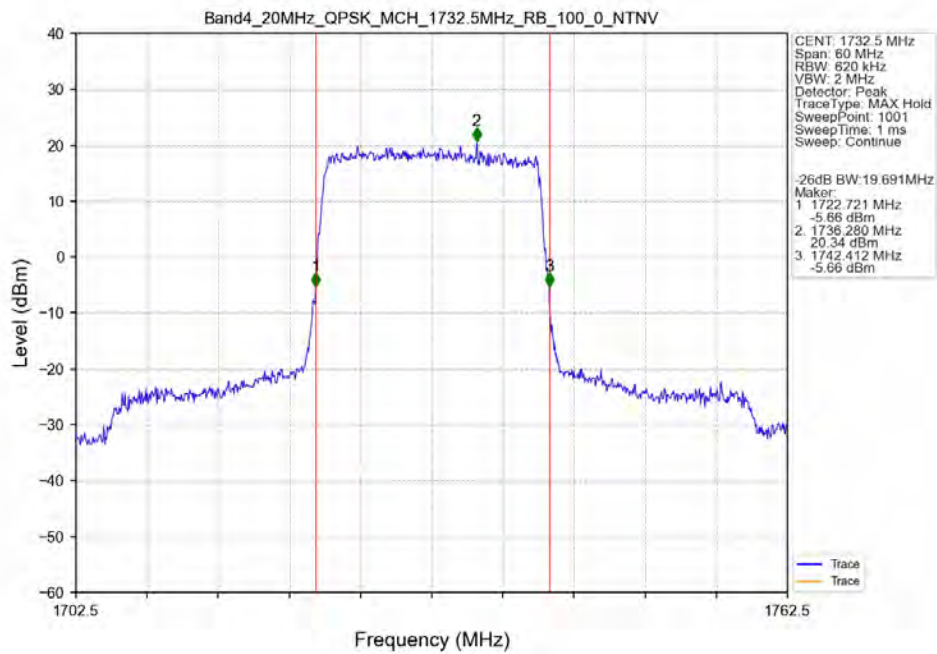
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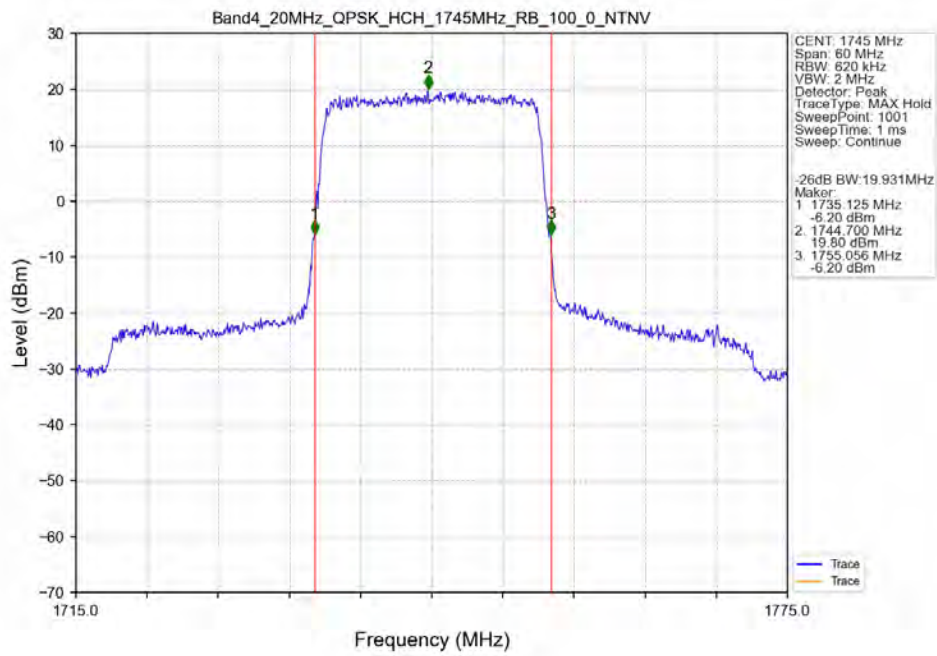
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



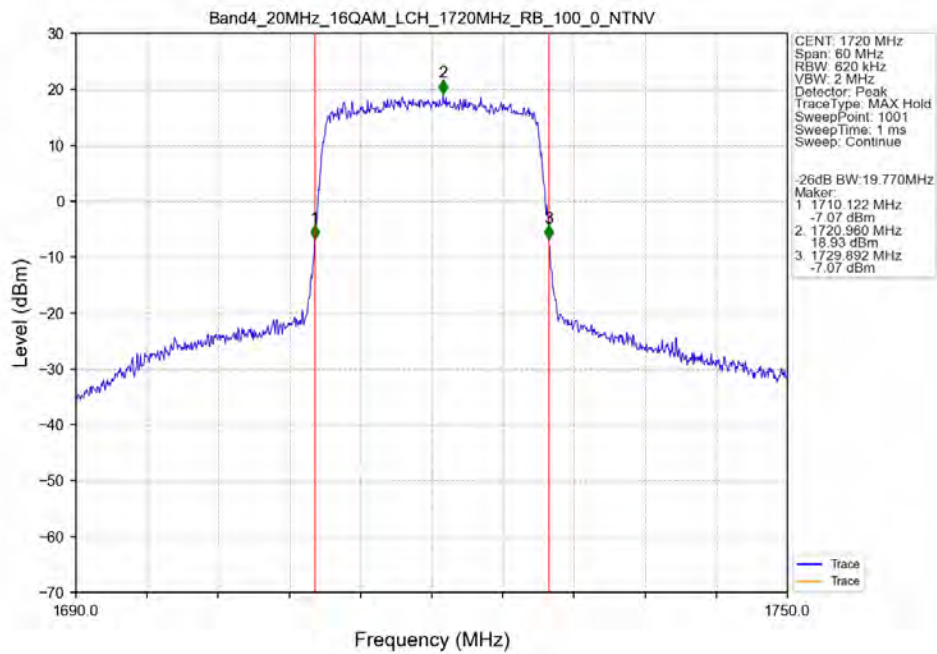
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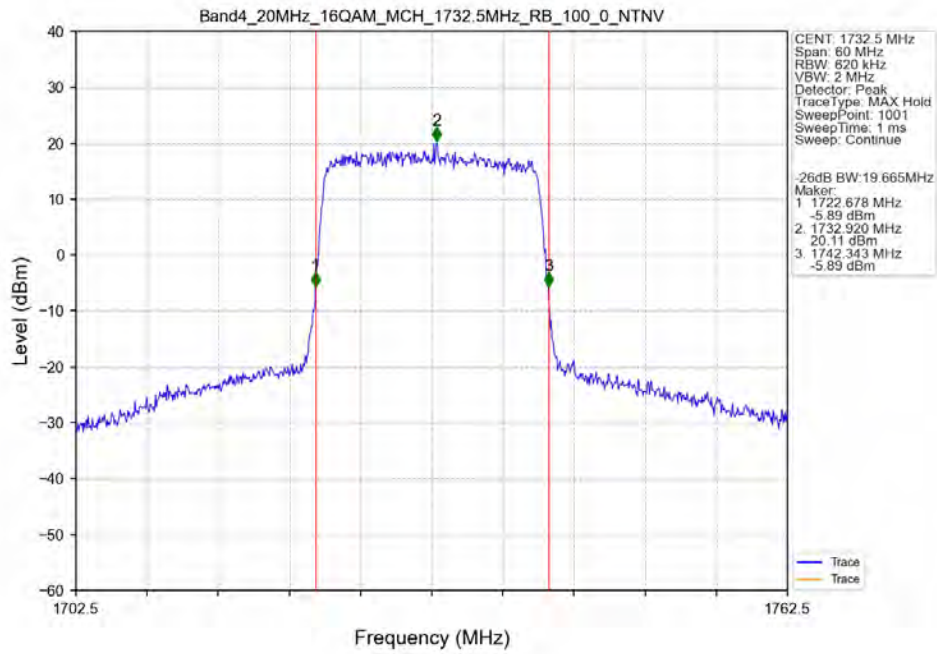
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



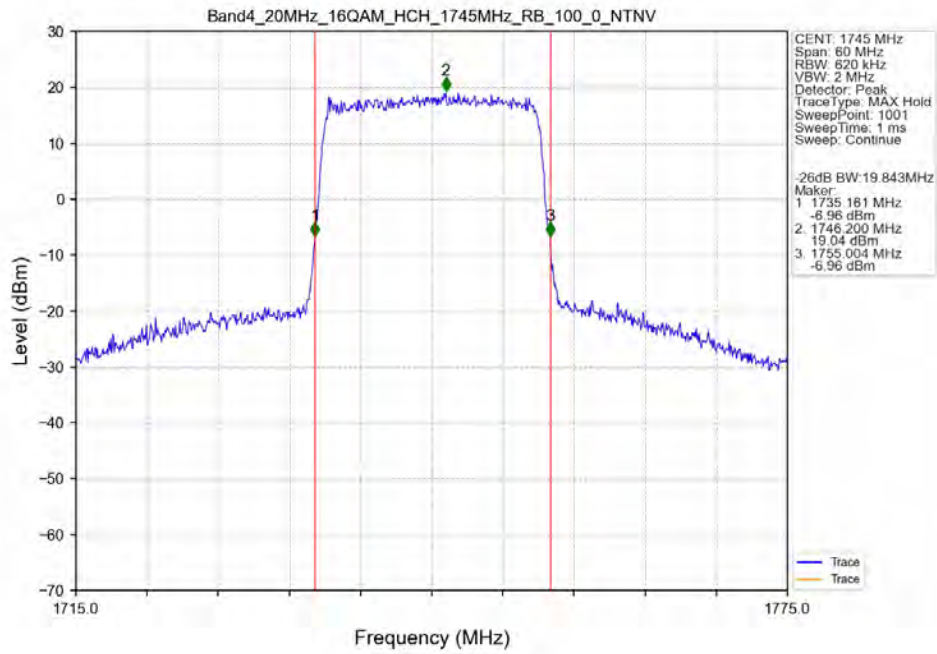
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.18	<=13	Pass
	1732.5	6	0	4.23	<=13	Pass
	1754.3	6	0	4.20	<=13	Pass
16QAM	1710.7	6	0	5.00	<=13	Pass
	1732.5	6	0	5.00	<=13	Pass
	1754.3	6	0	5.01	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.40	<=13	Pass
	1732.5	15	0	4.40	<=13	Pass
	1753.5	15	0	4.43	<=13	Pass
16QAM	1711.5	15	0	5.17	<=13	Pass
	1732.5	15	0	5.21	<=13	Pass
	1753.5	15	0	5.20	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.30	<=13	Pass
	1732.5	25	0	8.38	<=13	Pass
	1752.5	25	0	4.32	<=13	Pass
16QAM	1712.5	25	0	5.06	<=13	Pass
	1732.5	25	0	5.08	<=13	Pass
	1752.5	25	0	5.09	<=13	Pass

4.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.38	<=13	Pass
	1732.5	50	0	4.42	<=13	Pass
	1750	50	0	4.43	<=13	Pass
16QAM	1715	50	0	5.14	<=13	Pass
	1732.5	50	0	5.18	<=13	Pass
	1750	50	0	5.16	<=13	Pass

4.1.5 B4_15MHz

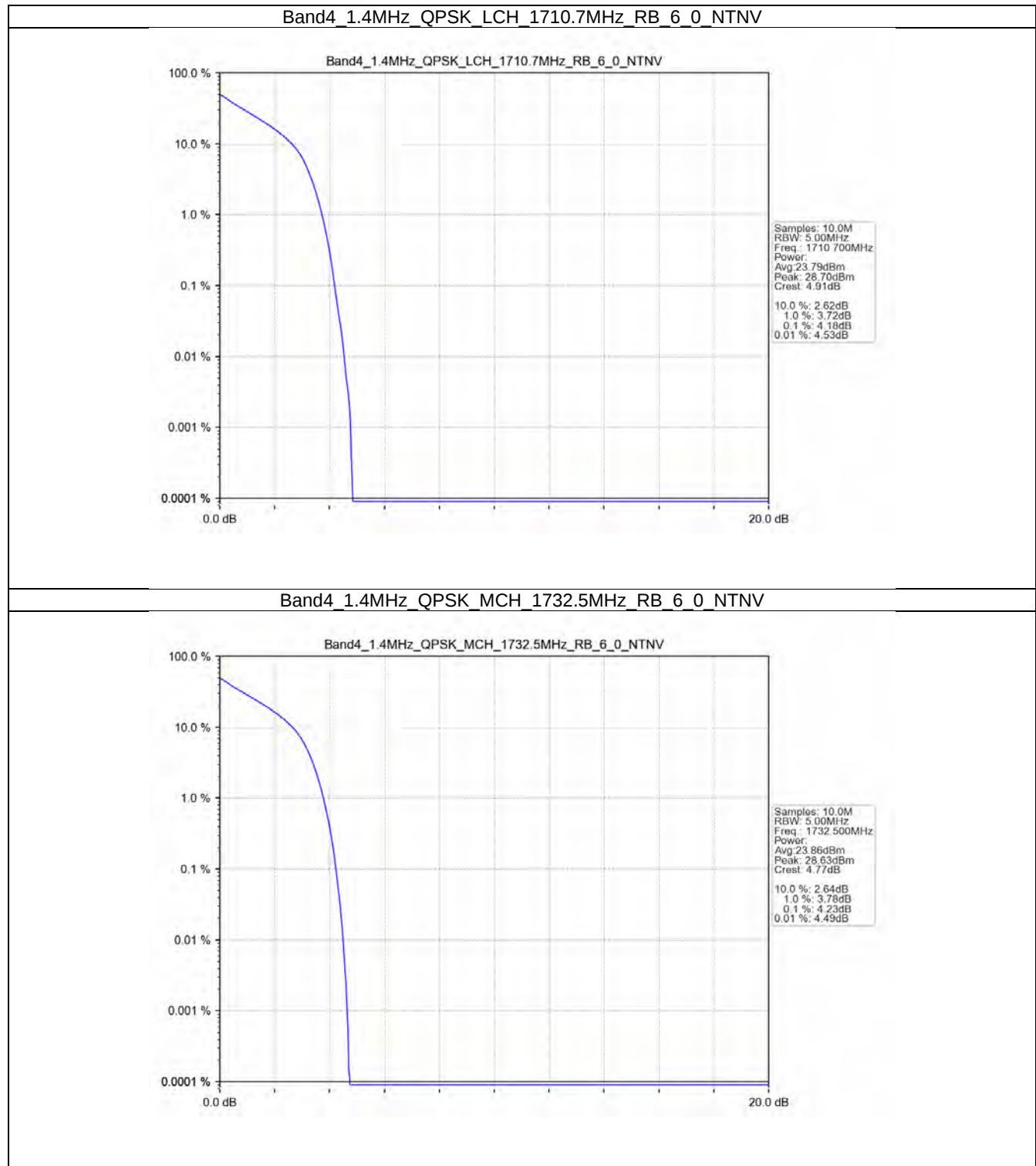
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.32	<=13	Pass
	1732.5	75	0	4.43	<=13	Pass
	1747.5	75	0	4.42	<=13	Pass
16QAM	1717.5	75	0	5.02	<=13	Pass
	1732.5	75	0	5.15	<=13	Pass
	1747.5	75	0	5.15	<=13	Pass

4.1.6 B4_20MHz

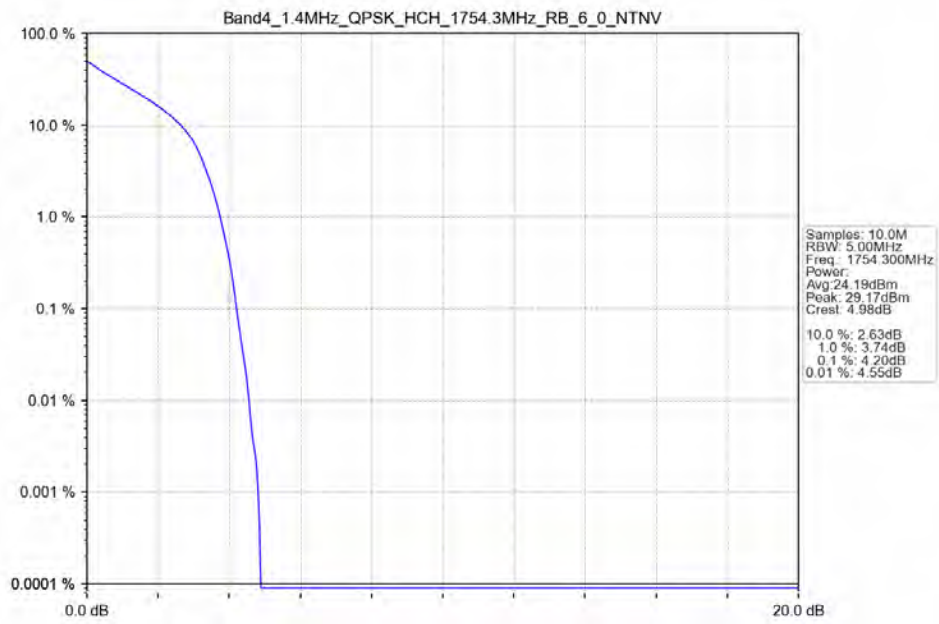
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.25	<=13	Pass
	1732.5	100	0	4.40	<=13	Pass
	1745	100	0	4.46	<=13	Pass
16QAM	1720	100	0	5.03	<=13	Pass
	1732.5	100	0	5.19	<=13	Pass
	1745	100	0	5.21	<=13	Pass

4.2 Test Graph

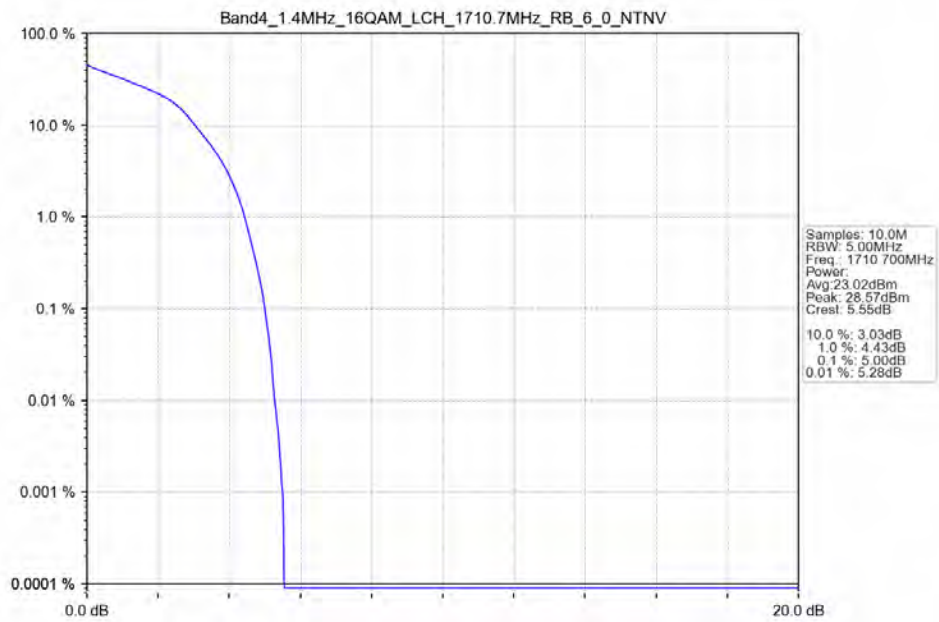
4.2.1 B4_1.4MHz



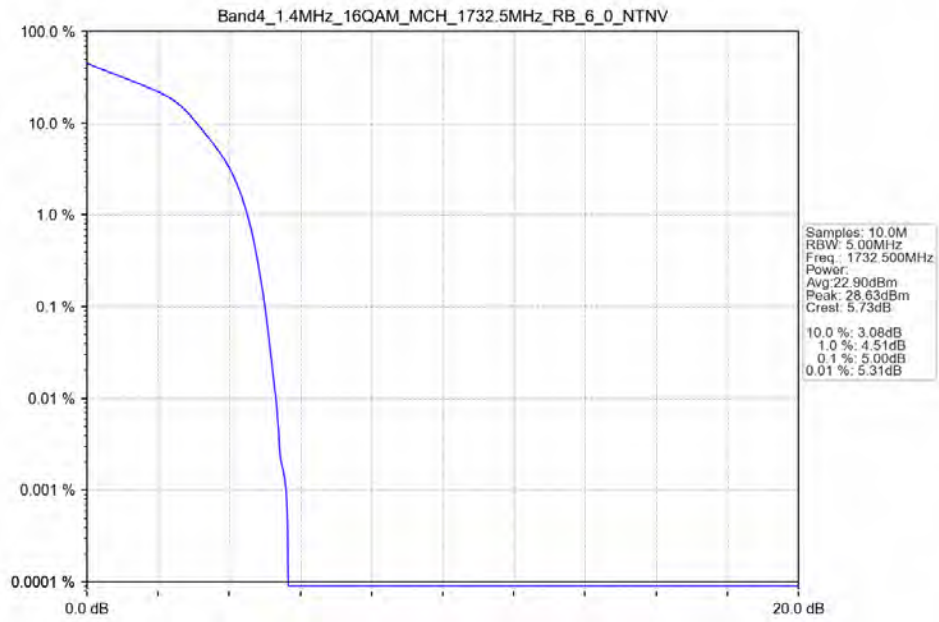
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



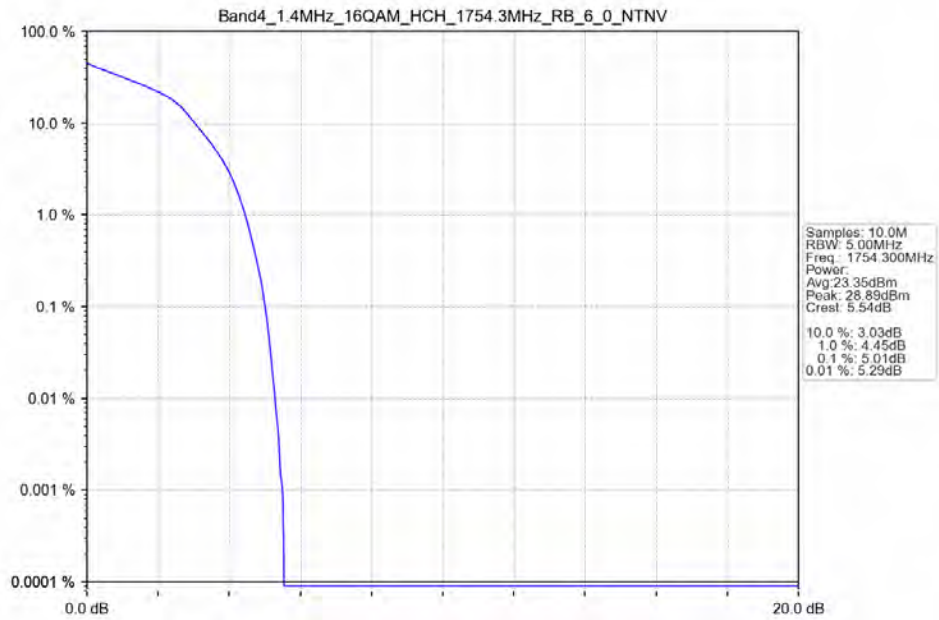
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

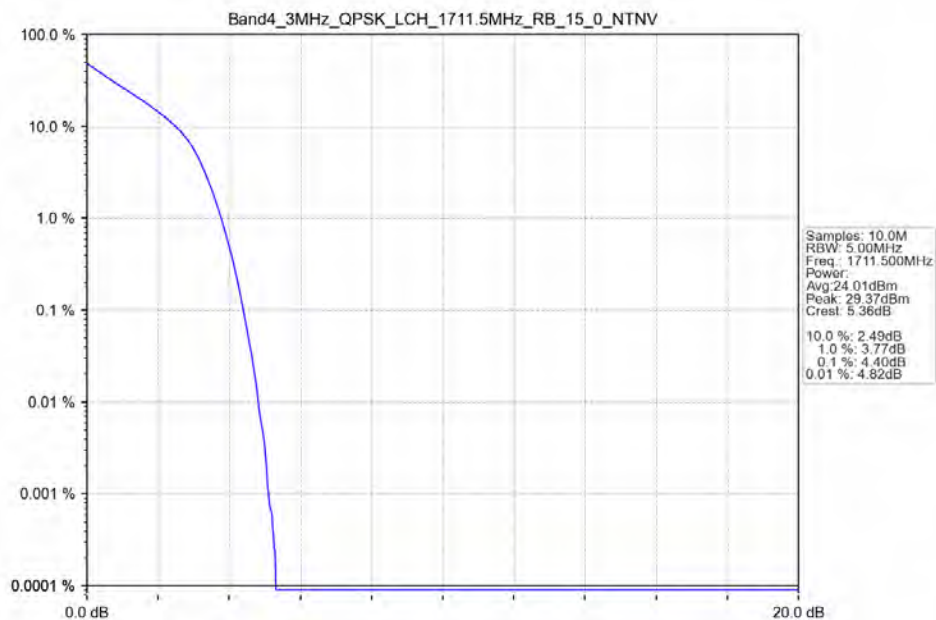


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

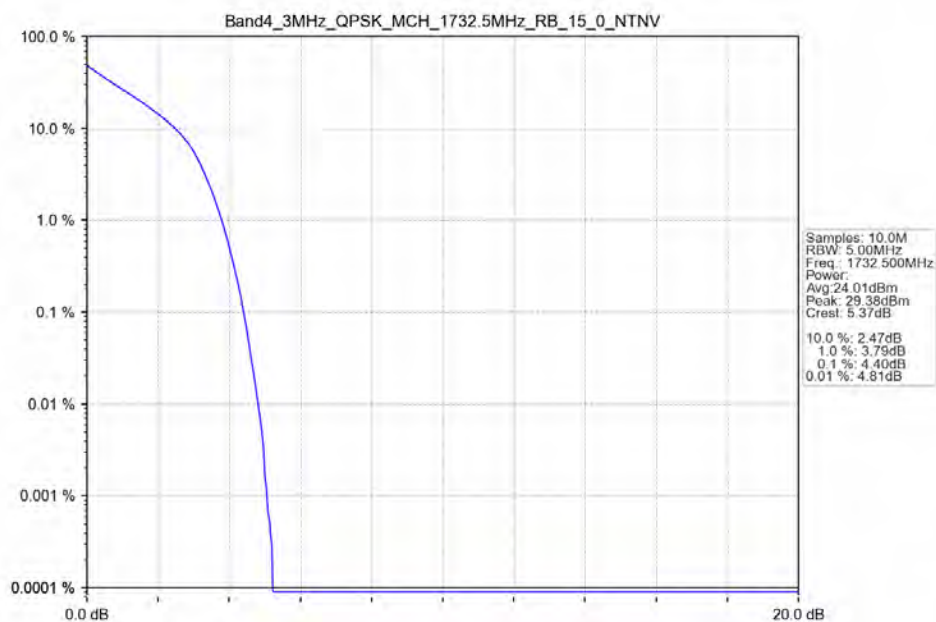


4.2.2 B4_3MHz

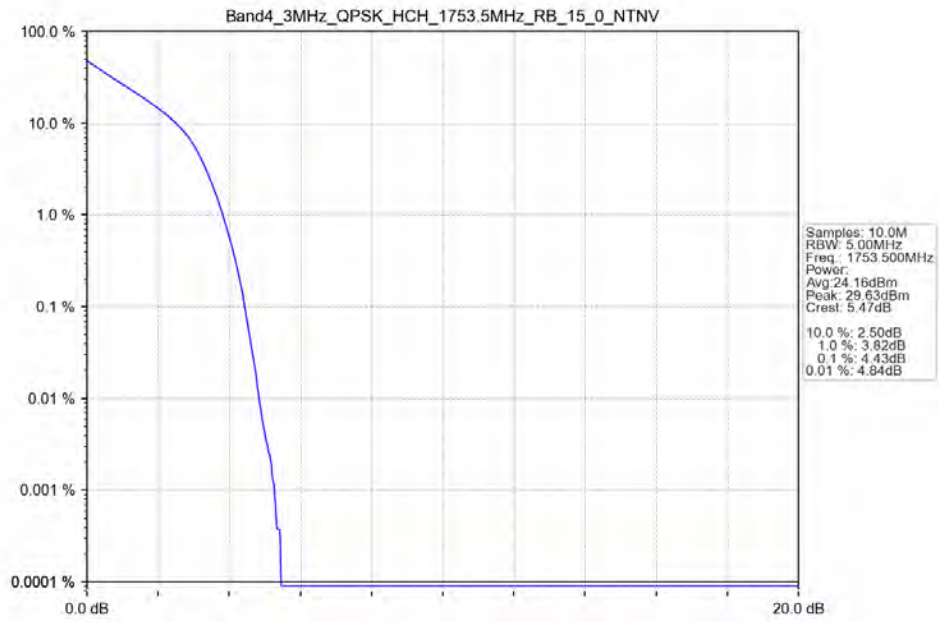
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



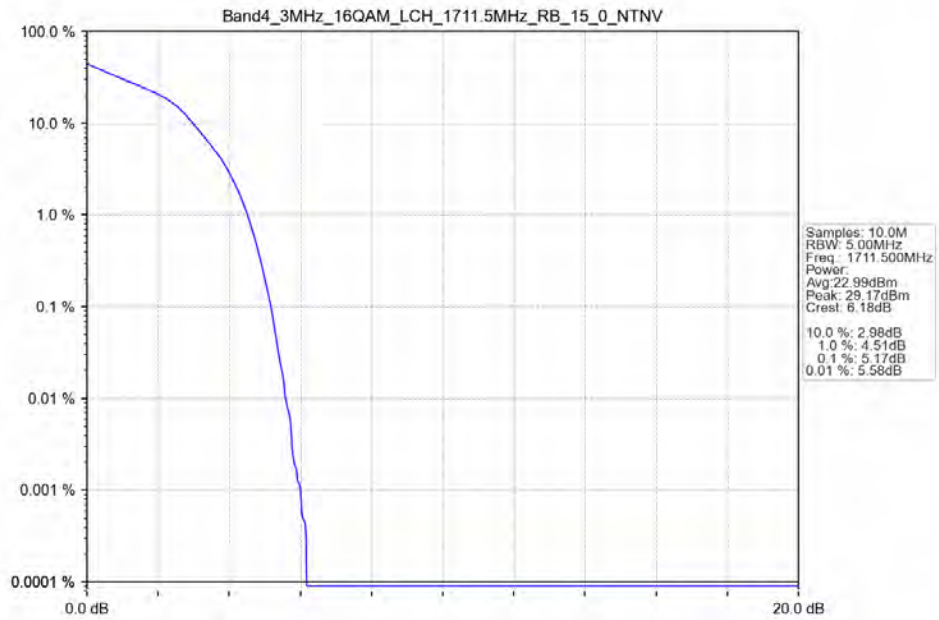
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



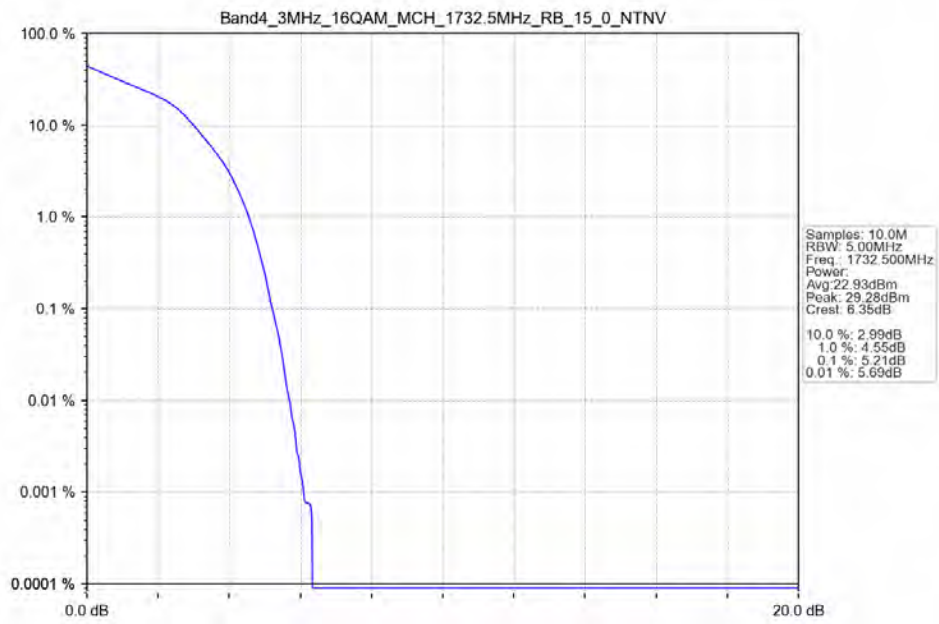
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



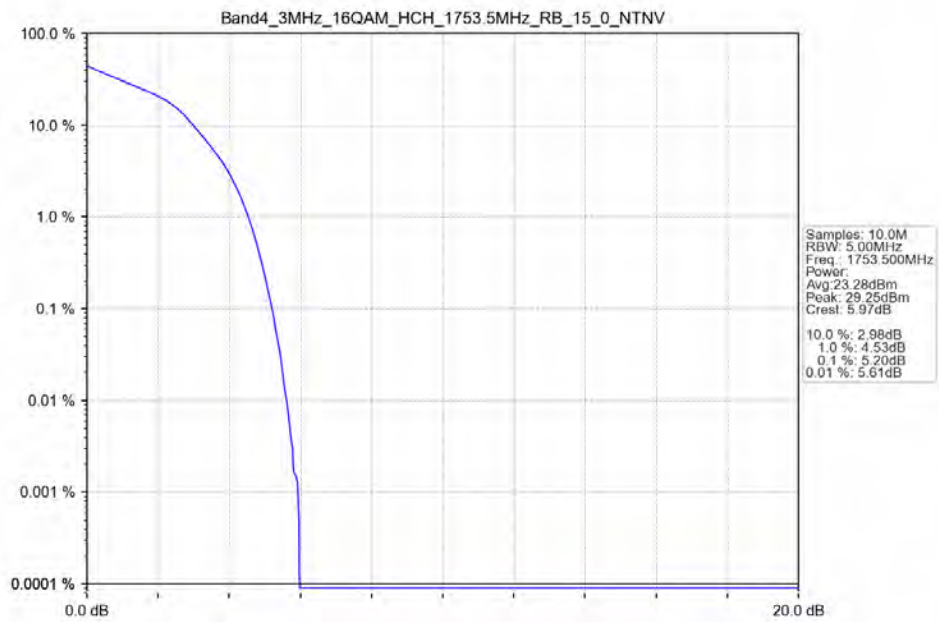
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

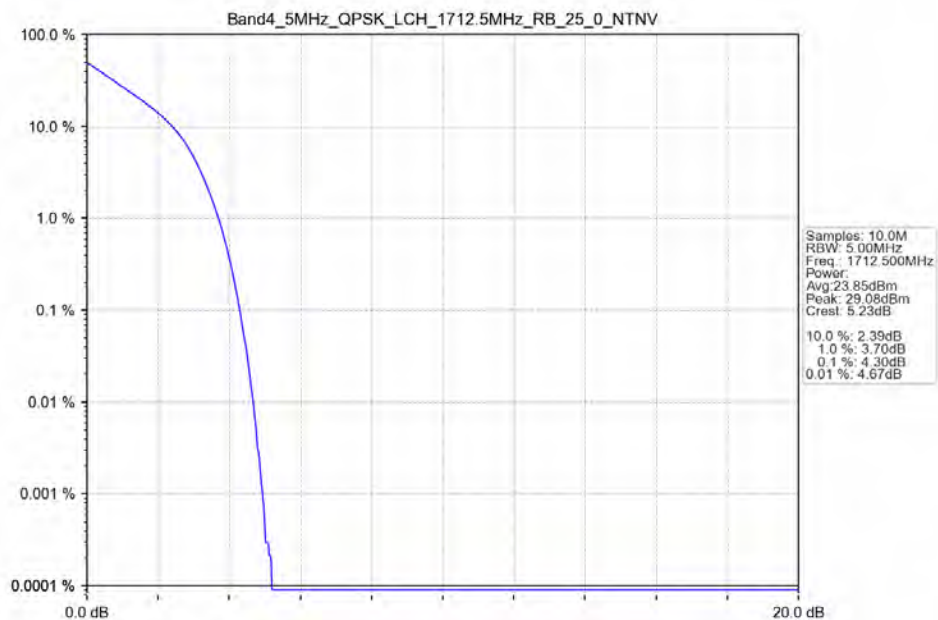


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

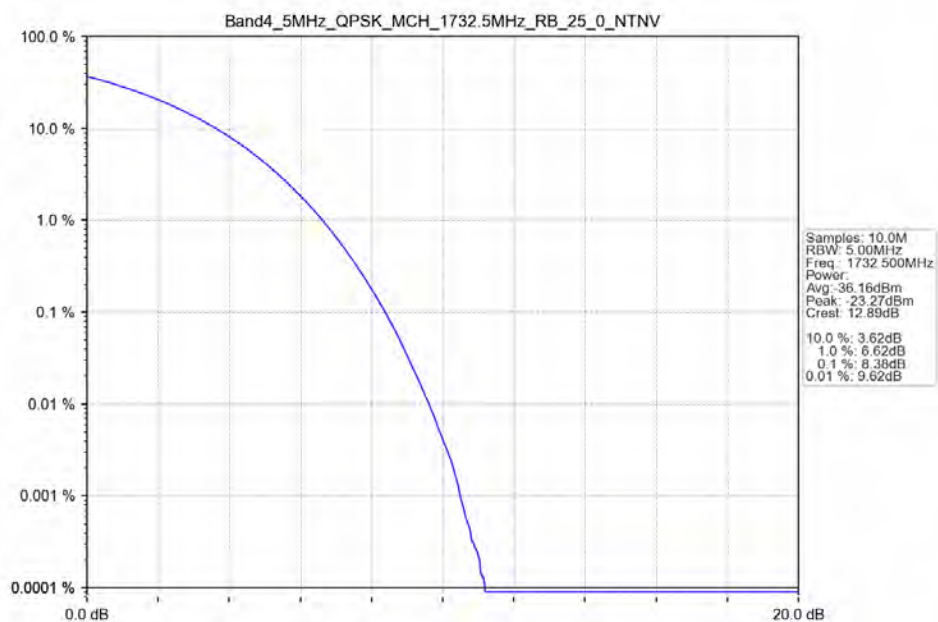


4.2.3 B4_5MHz

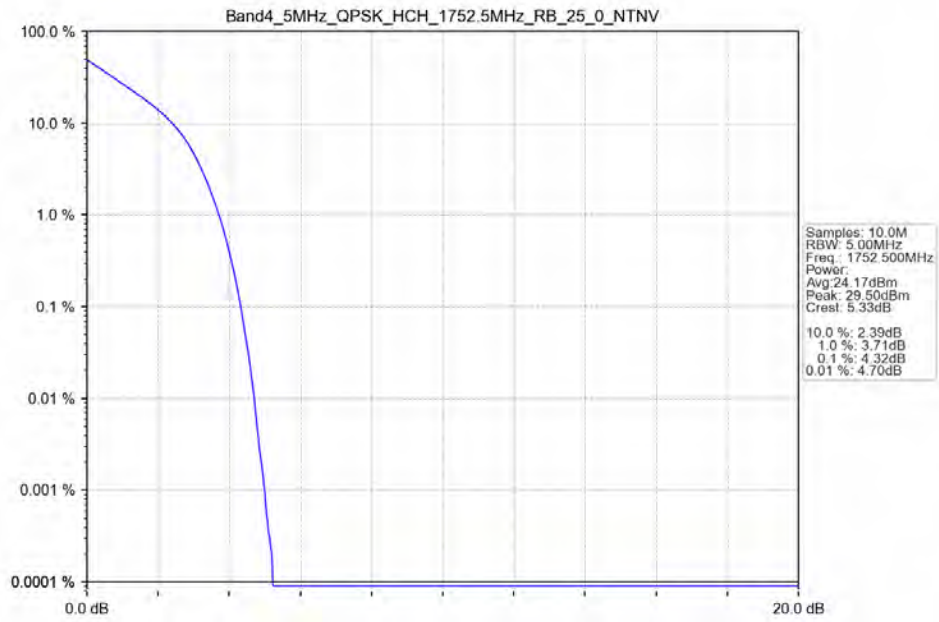
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



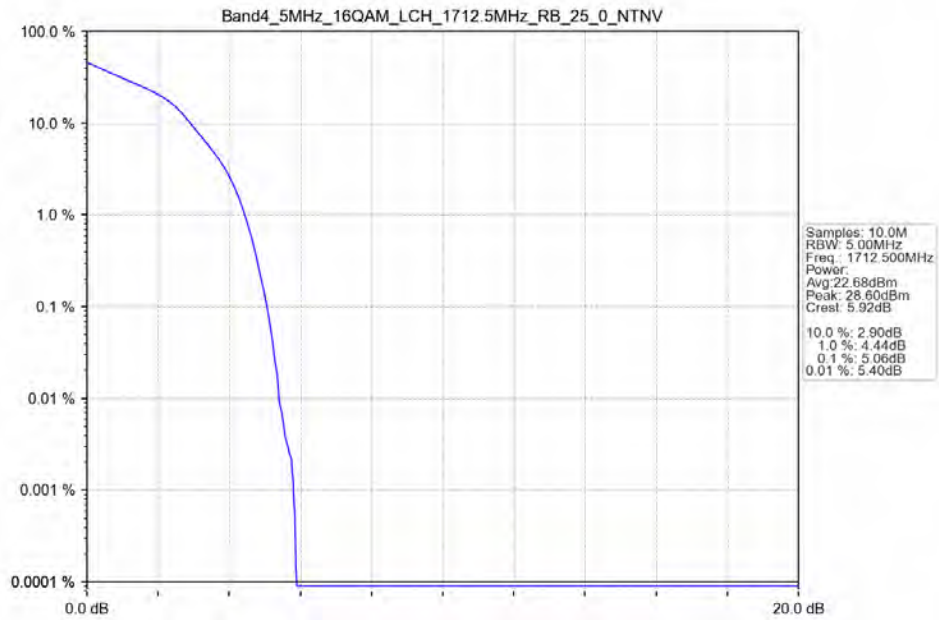
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



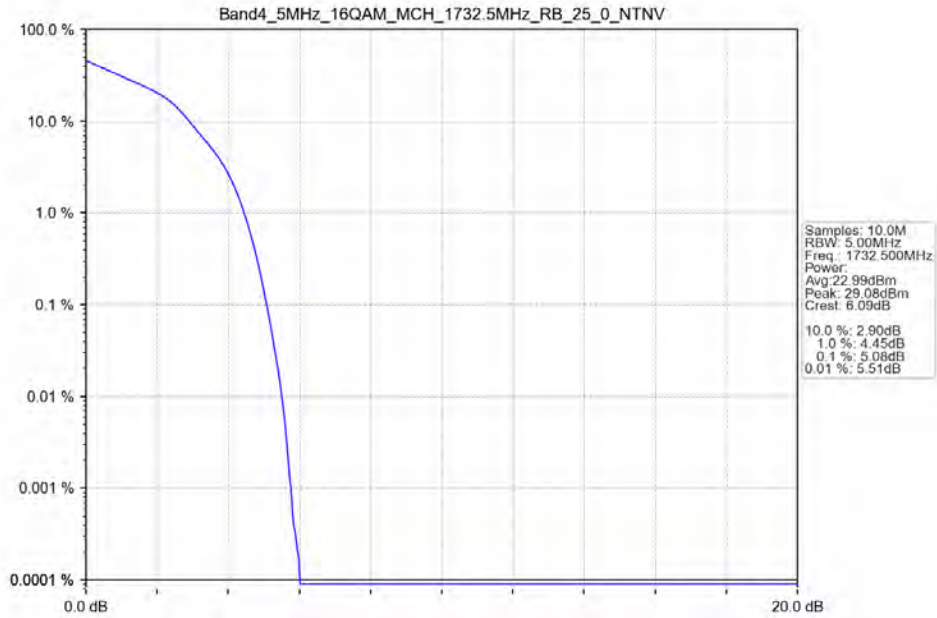
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



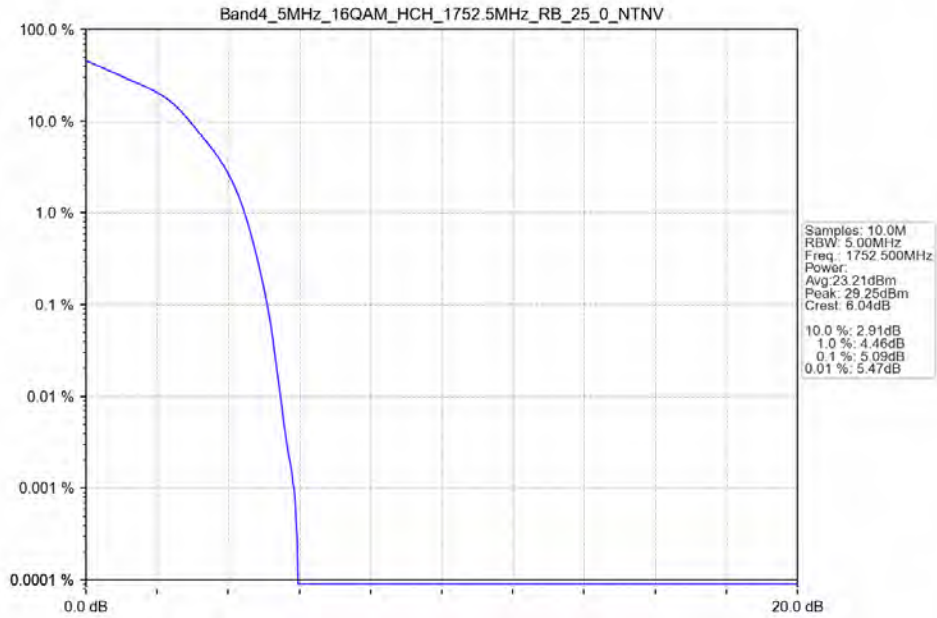
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



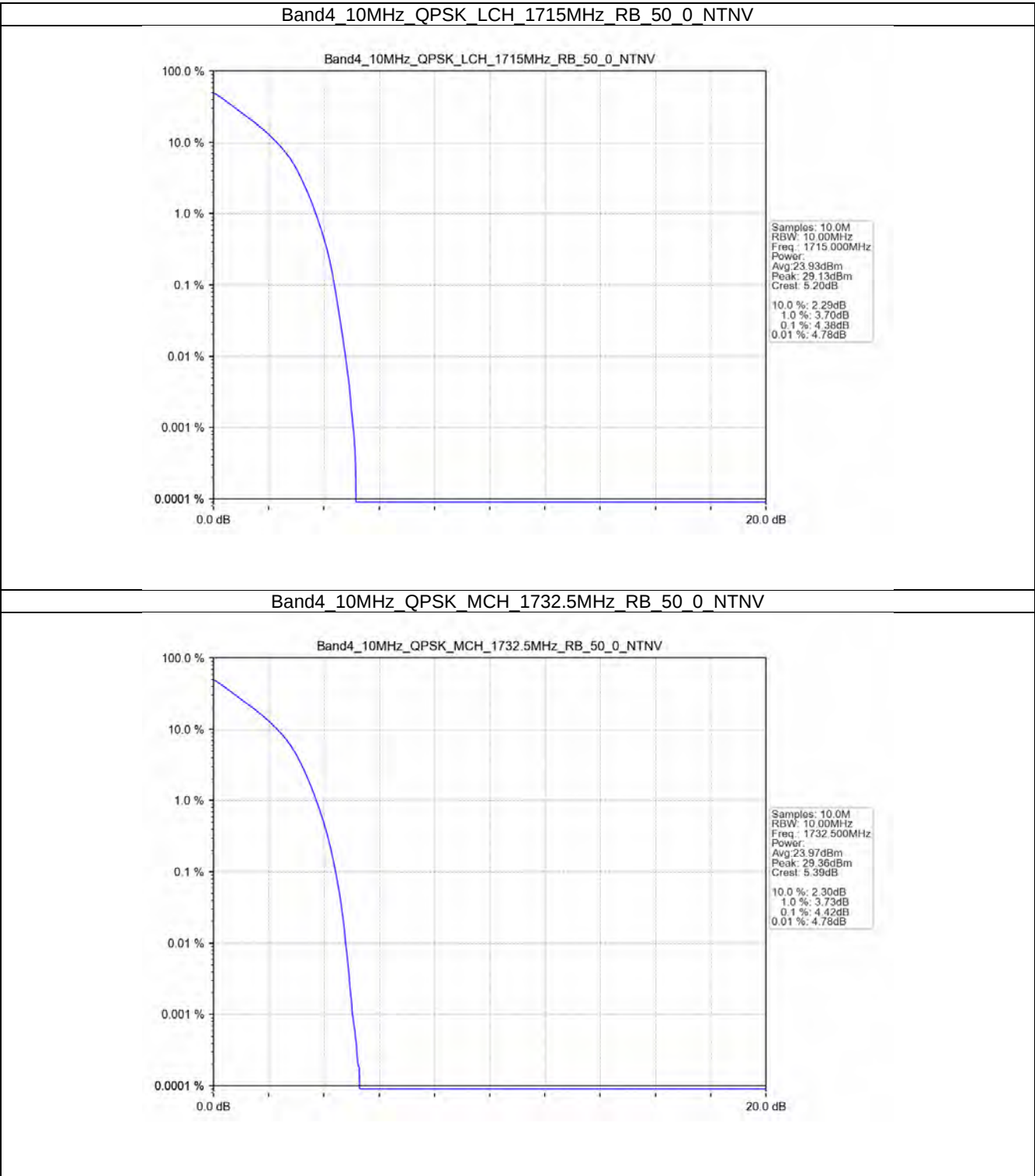
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



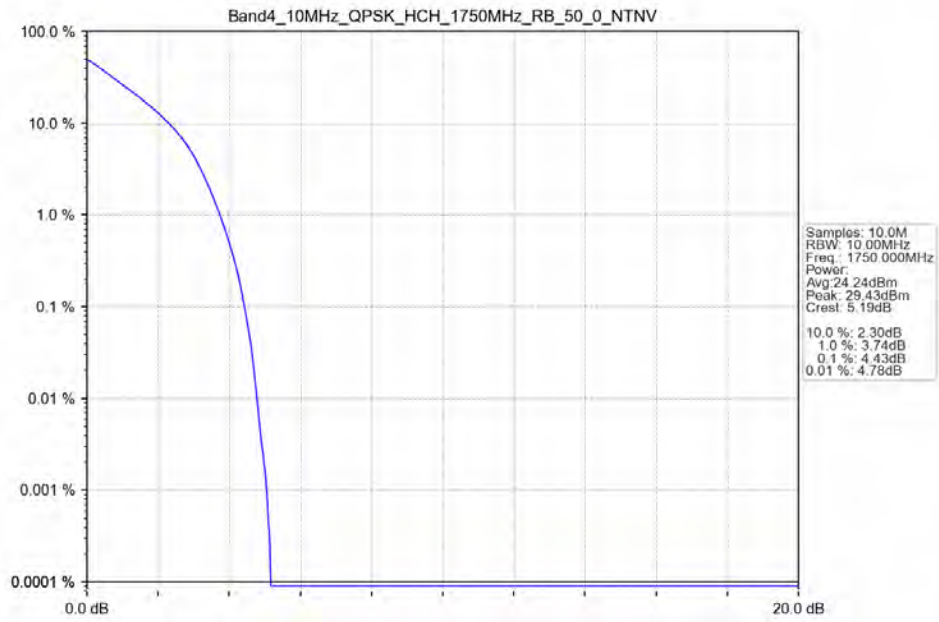
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



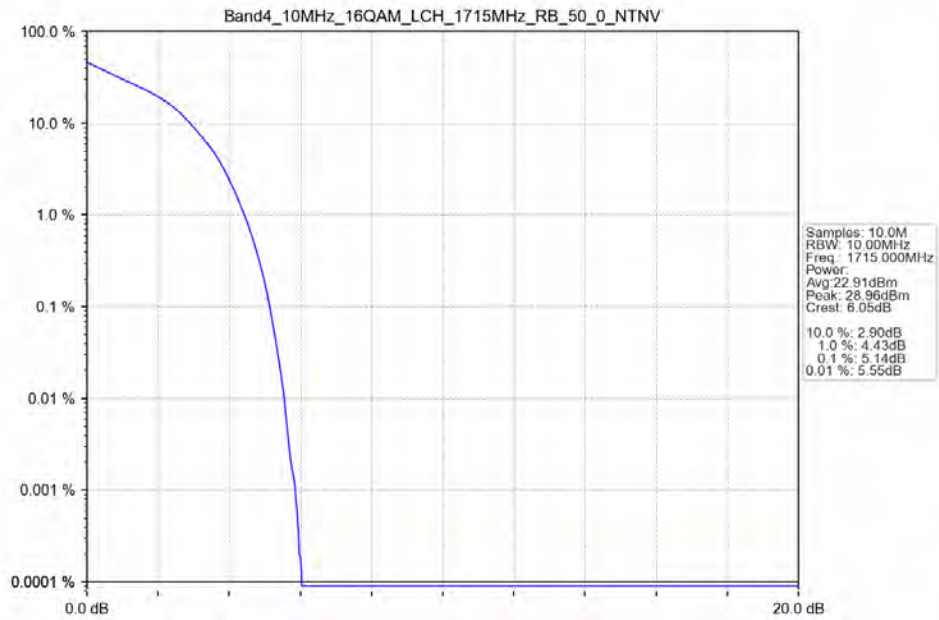
4.2.4 B4_10MHz



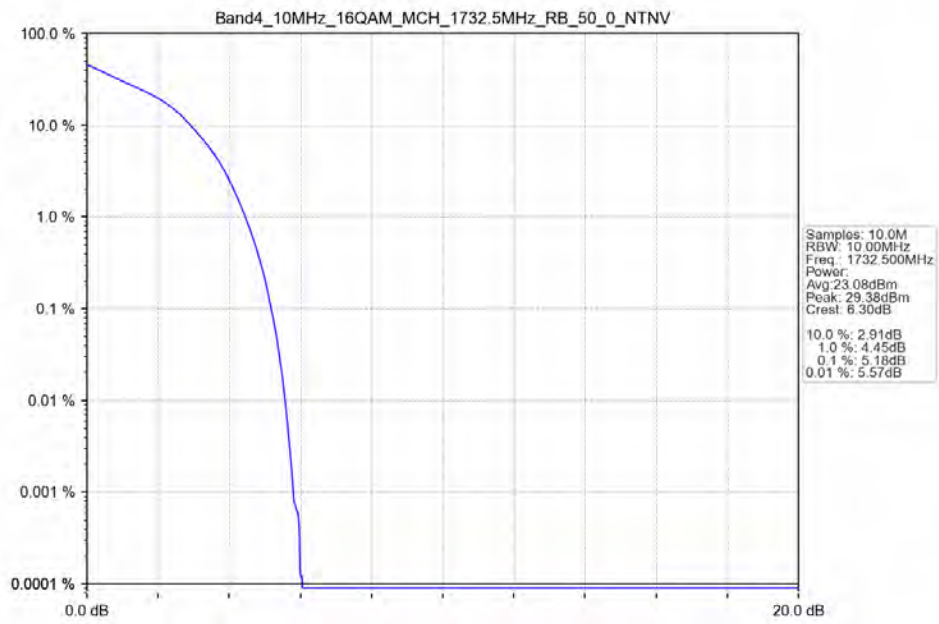
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



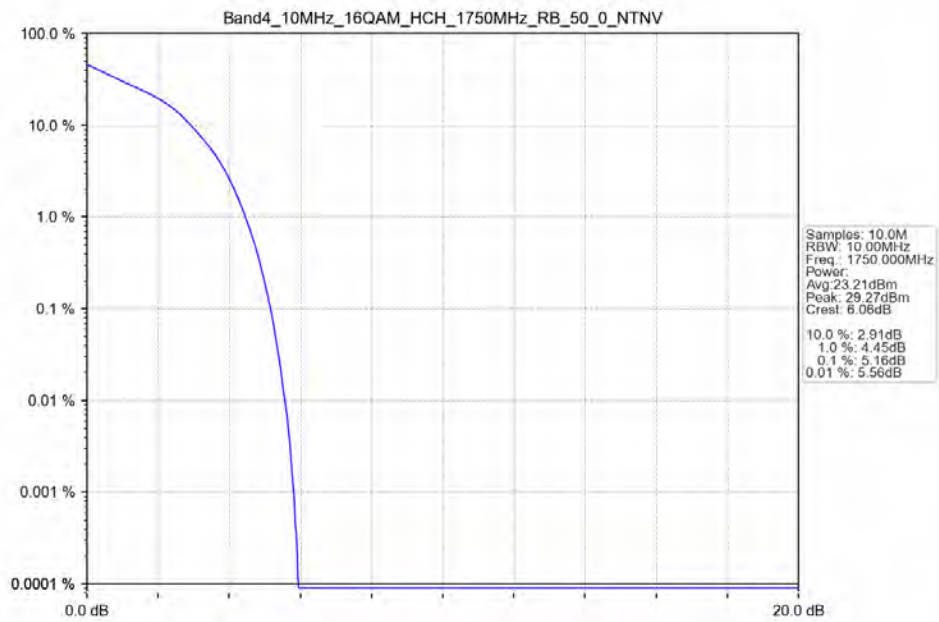
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

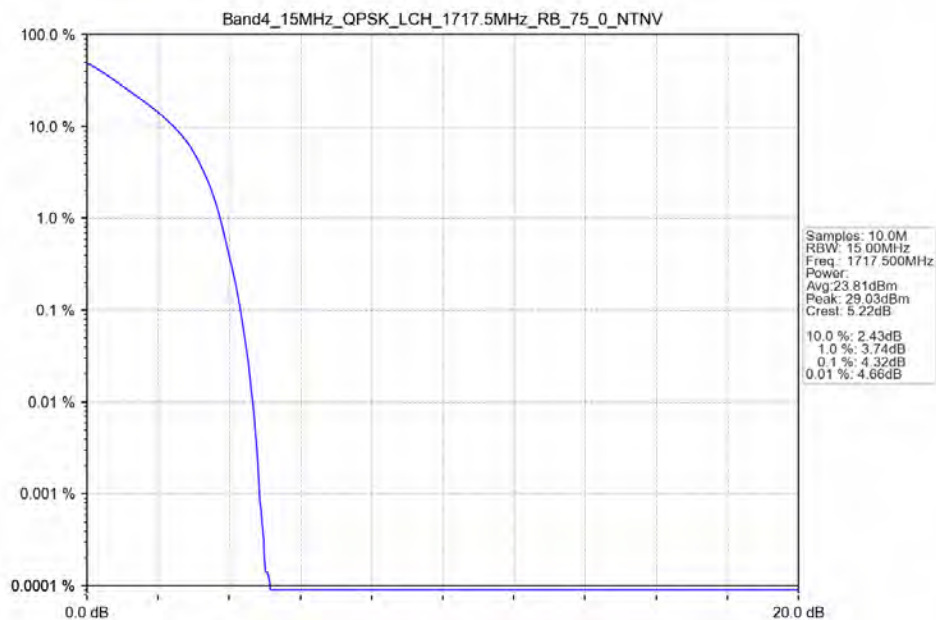


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

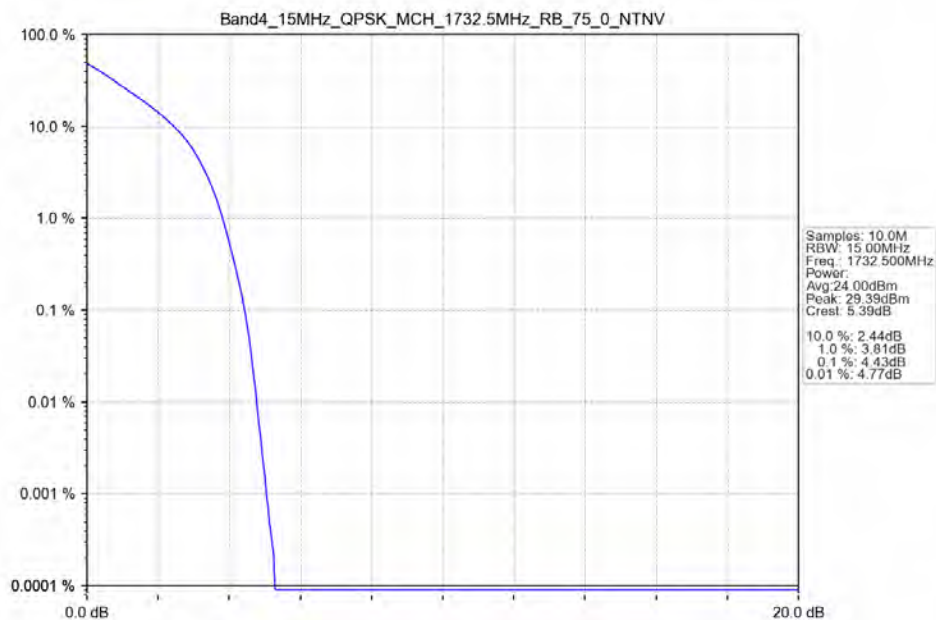


4.2.5 B4_15MHz

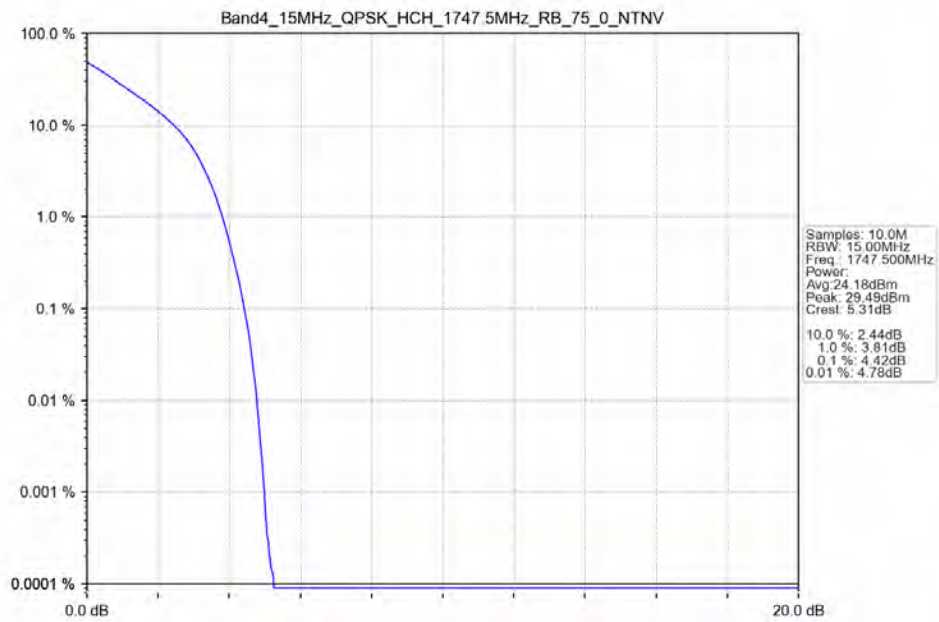
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



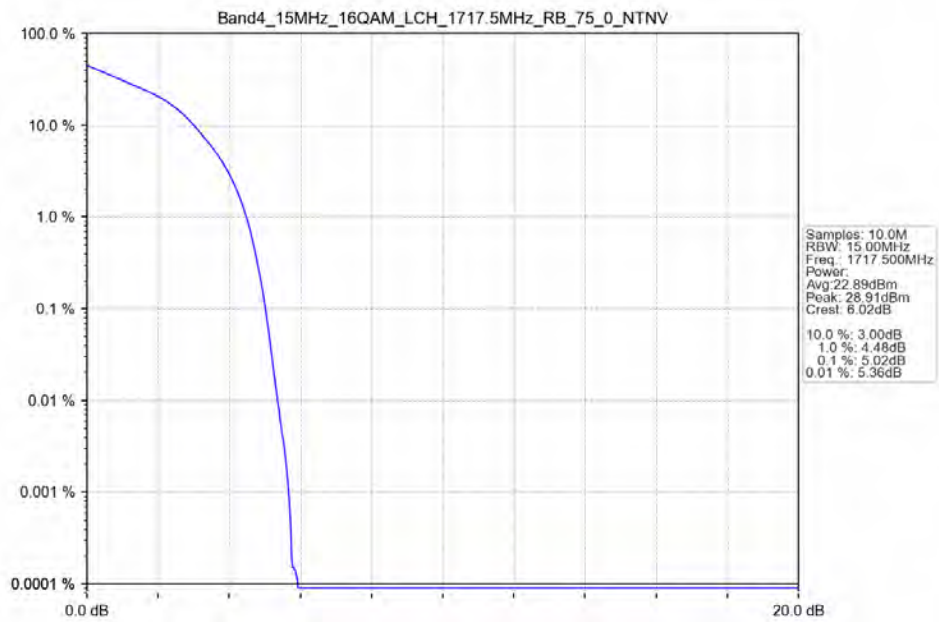
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



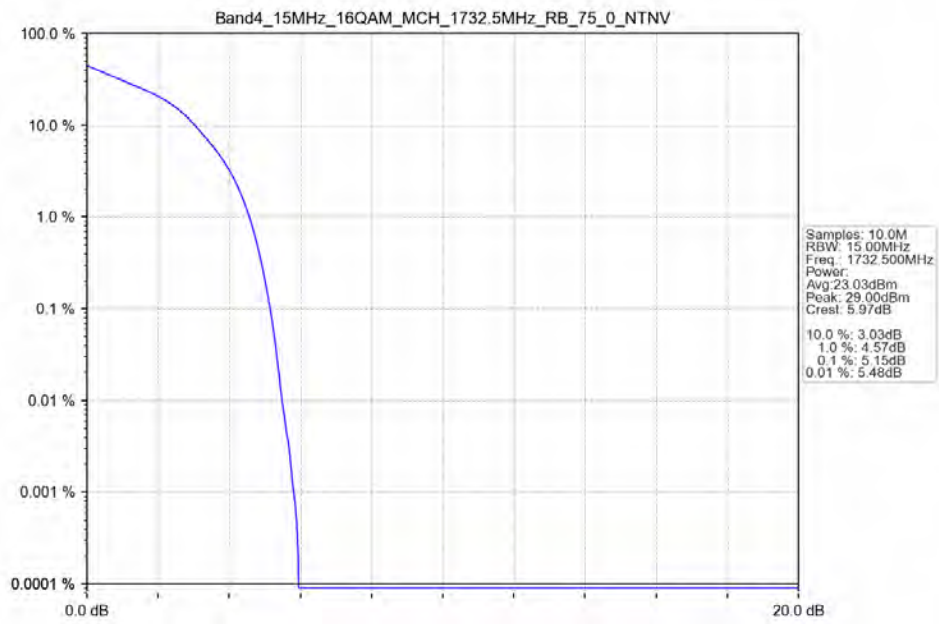
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



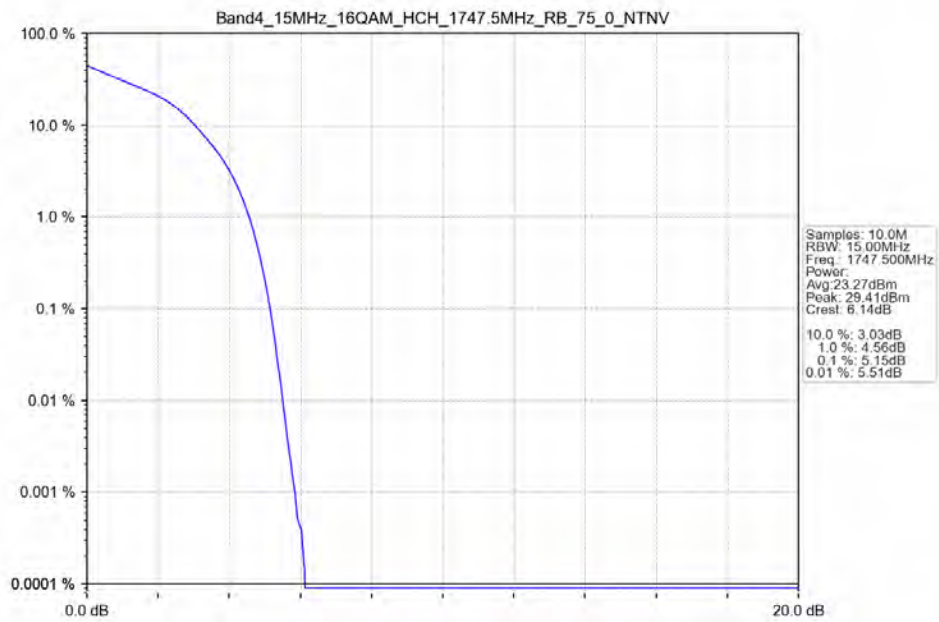
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

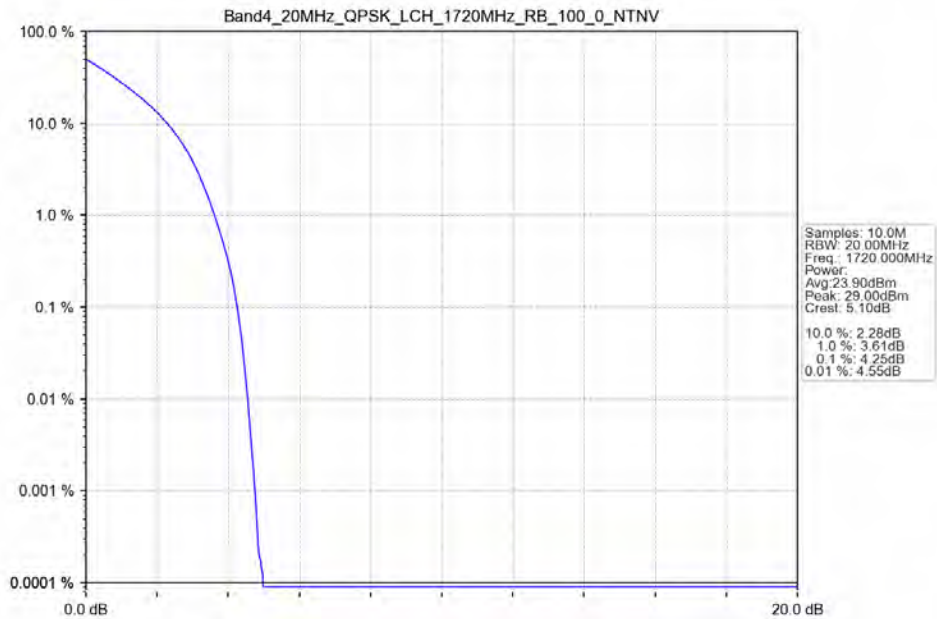


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

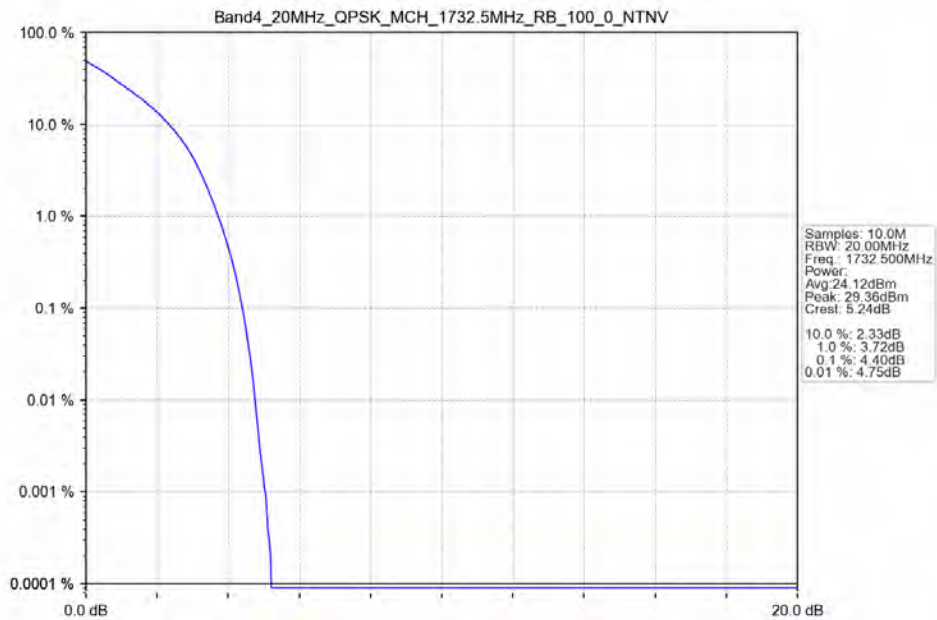


4.2.6 B4_20MHz

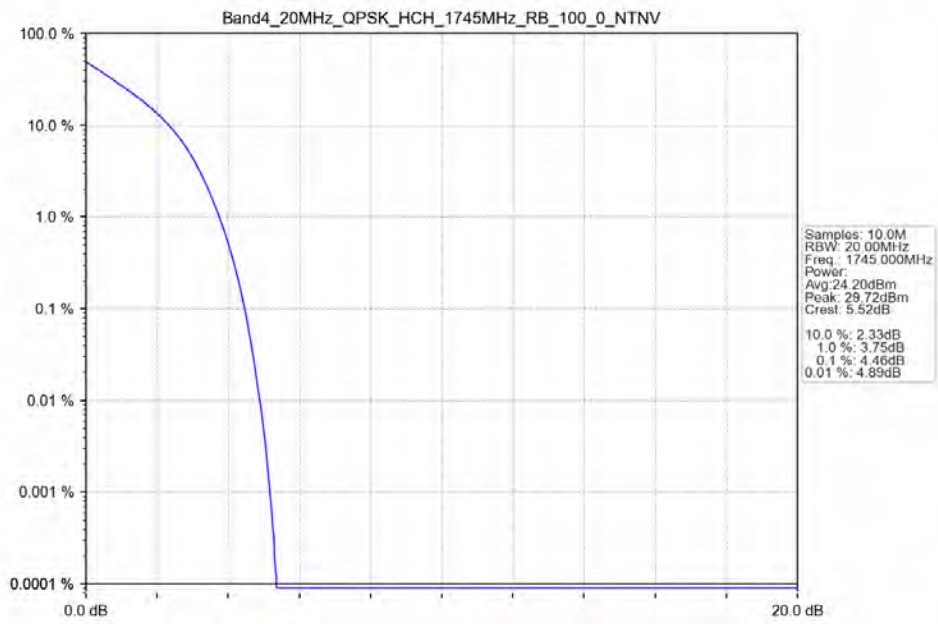
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



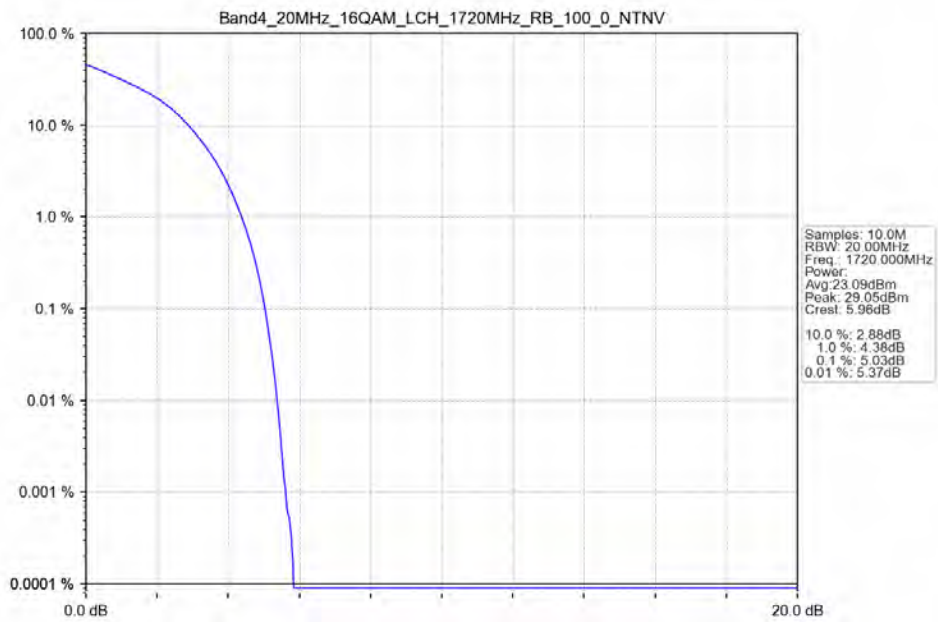
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



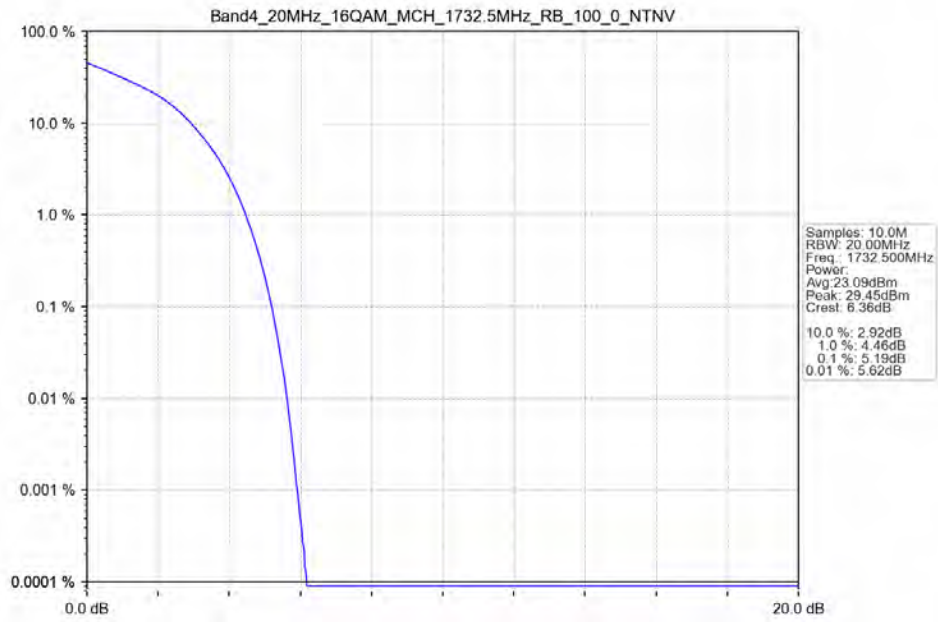
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



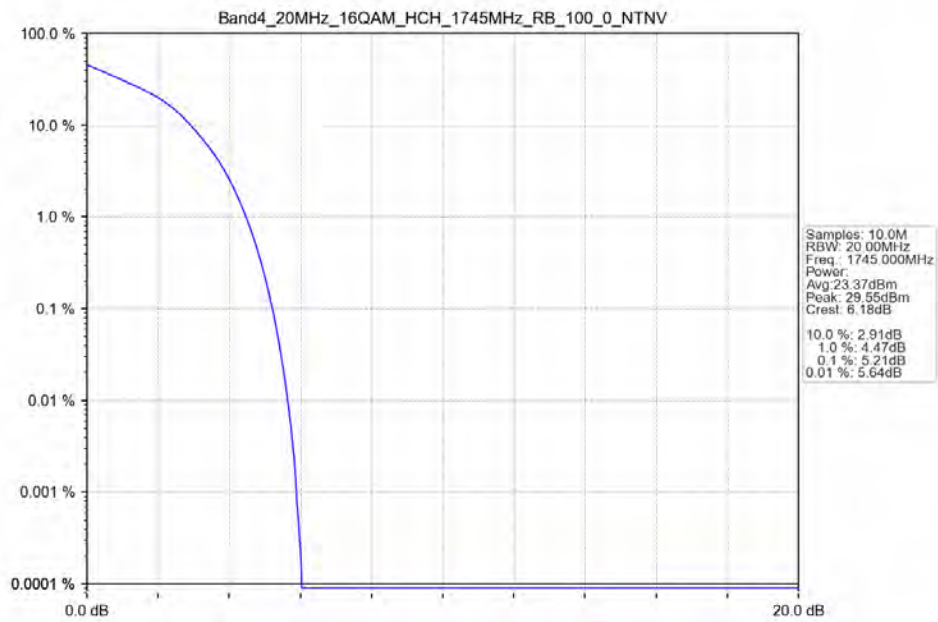
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

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

5.1.2 B4_3MHz

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

5.1.3 B4_5MHz

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

5.1.4 B4_10MHz

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

5.1.5 B4_15MHz

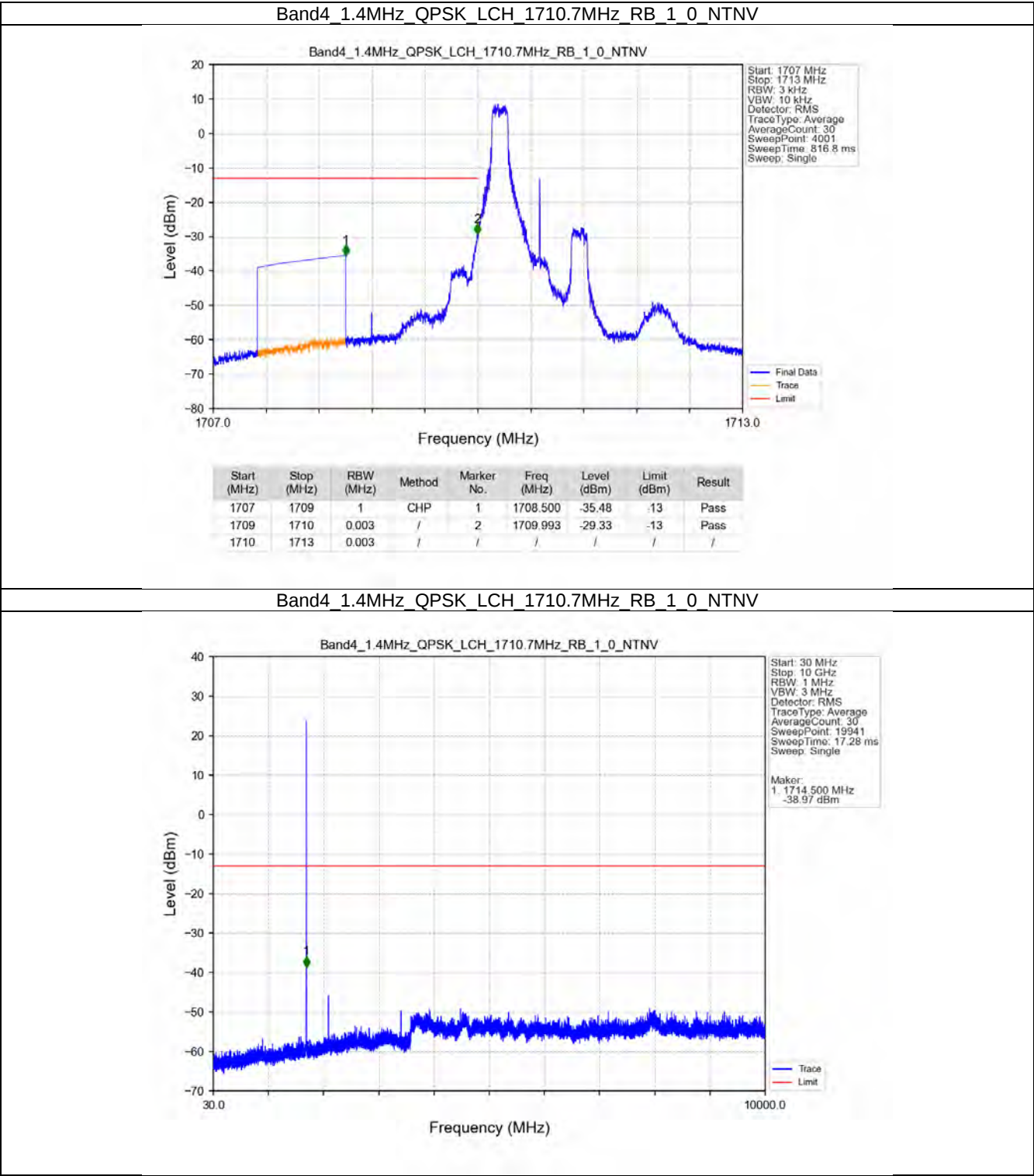
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

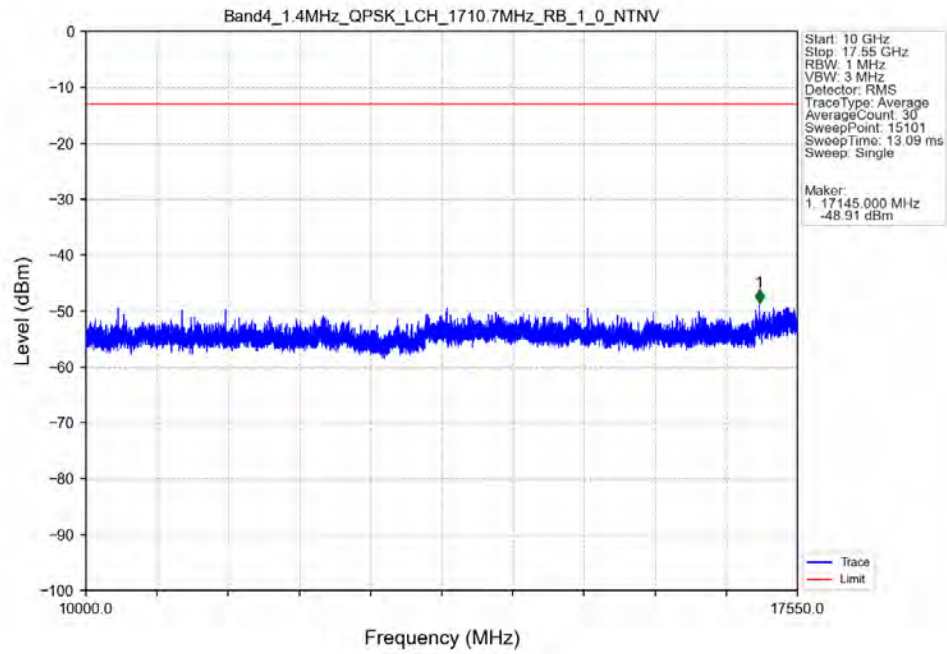
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

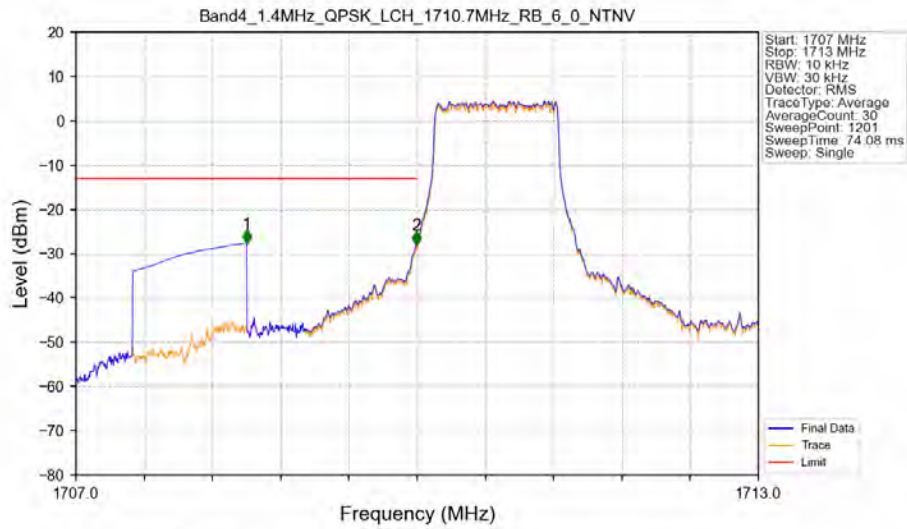
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

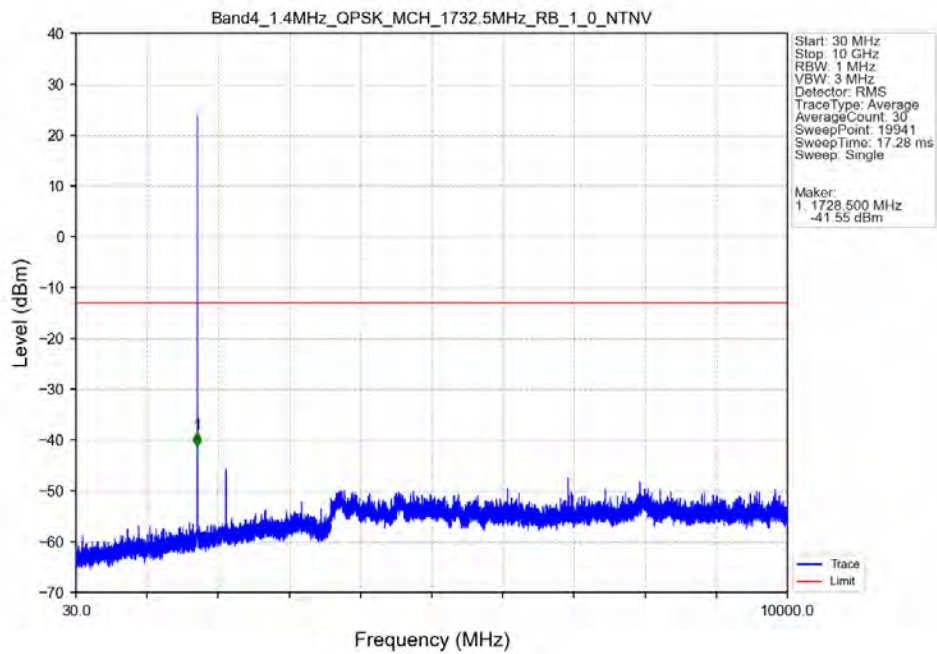


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

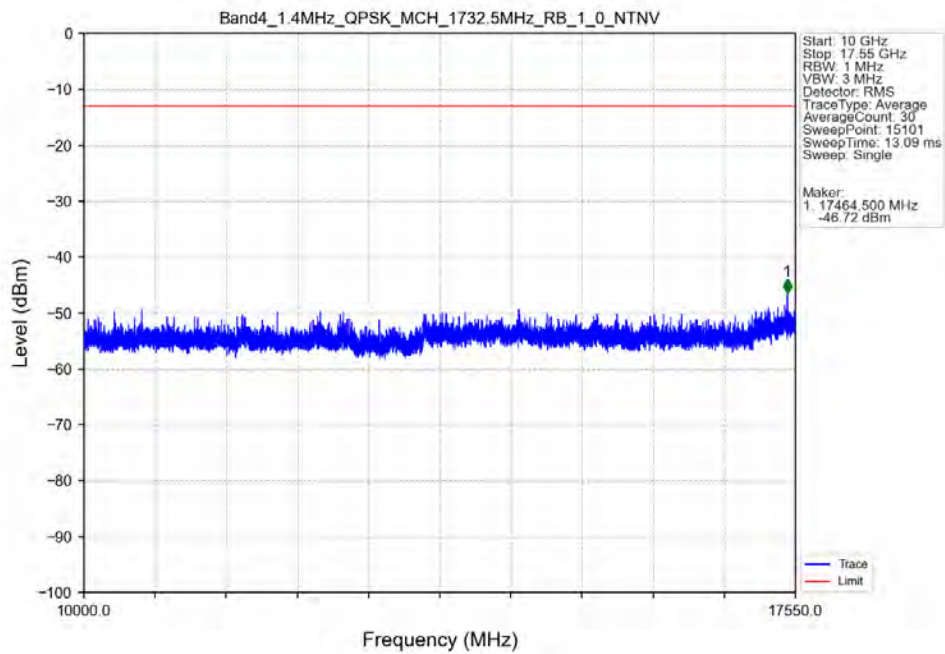


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.64	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-27.96	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

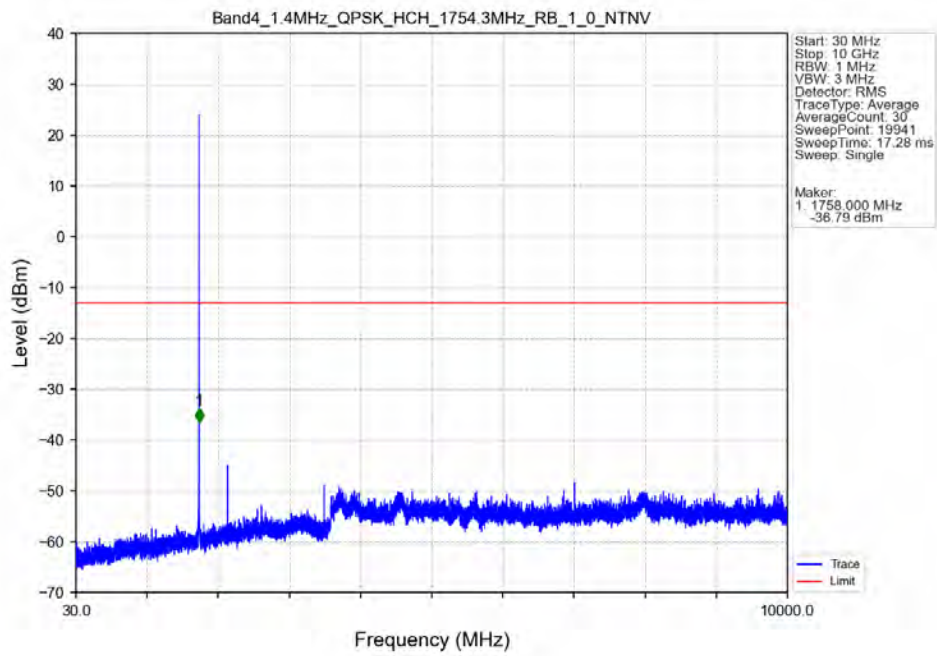
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



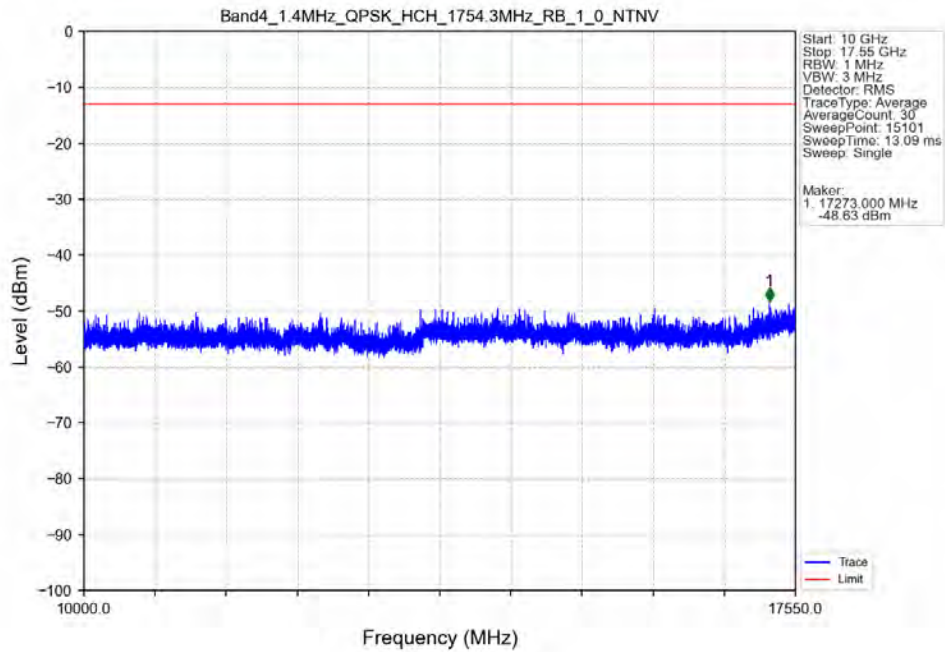
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



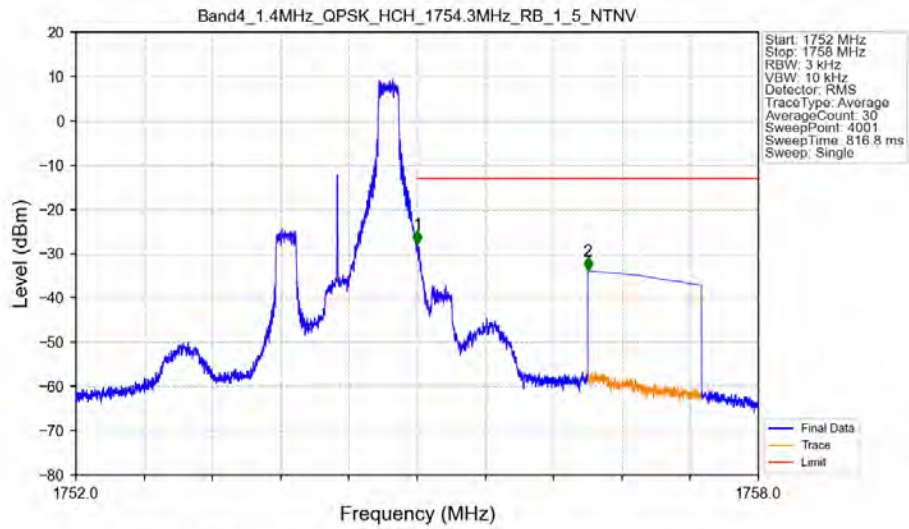
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

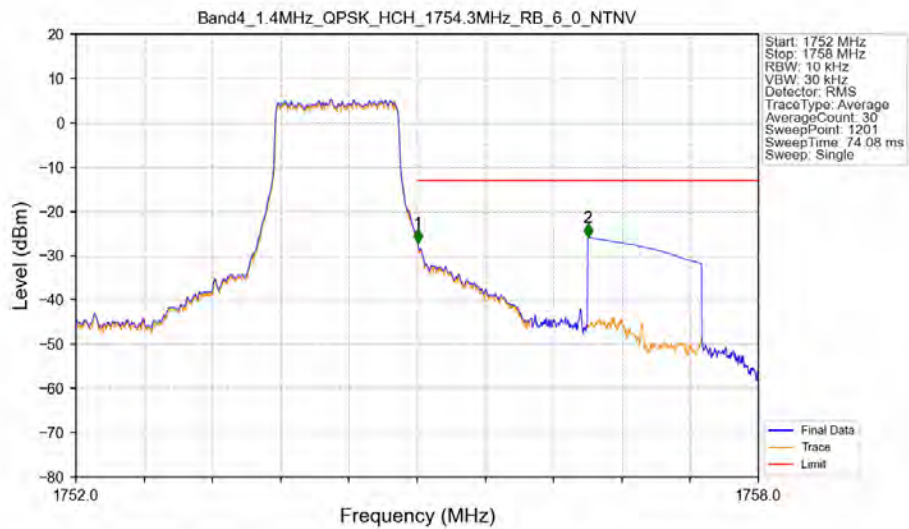


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



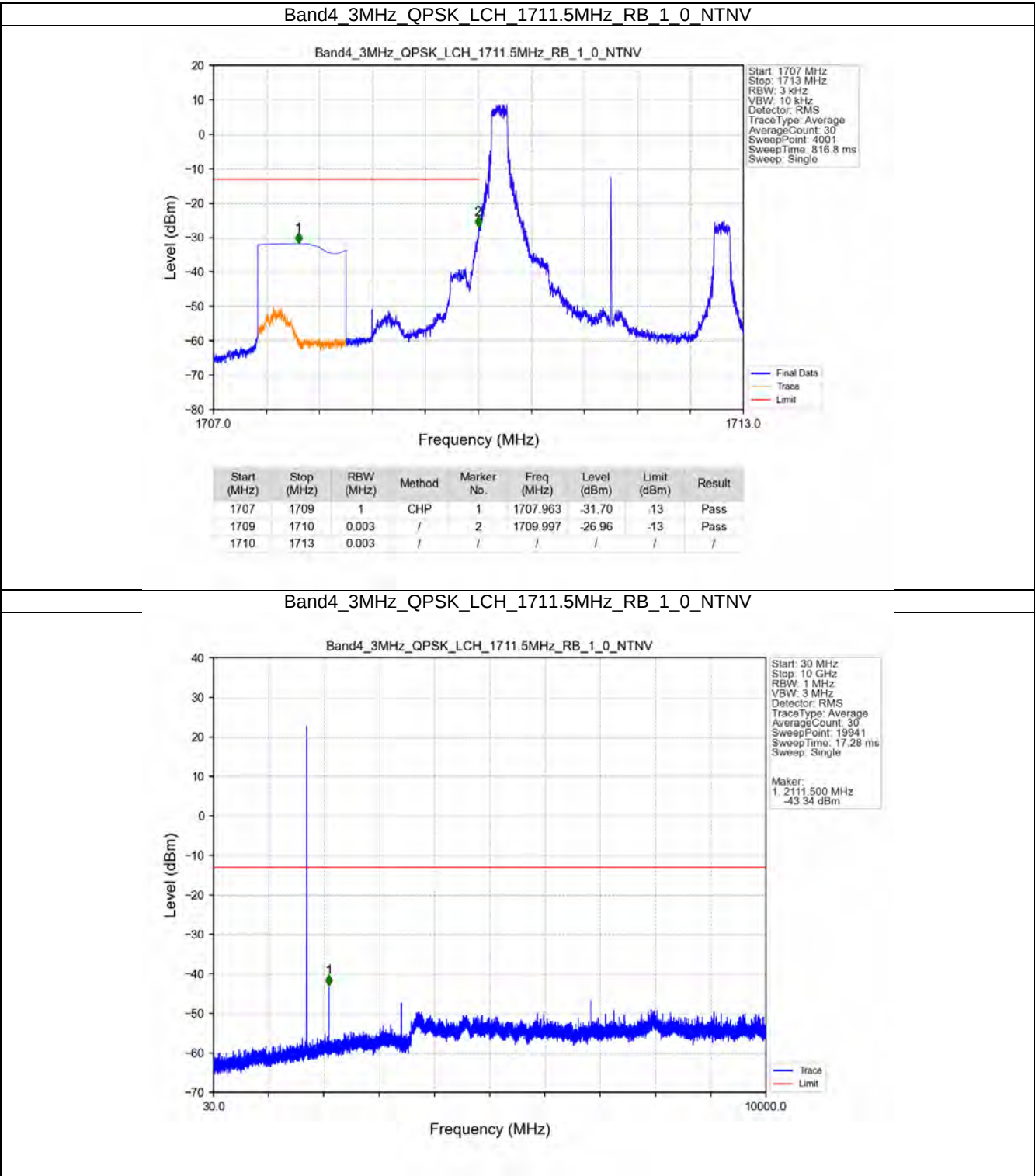
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-27.85	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.91	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

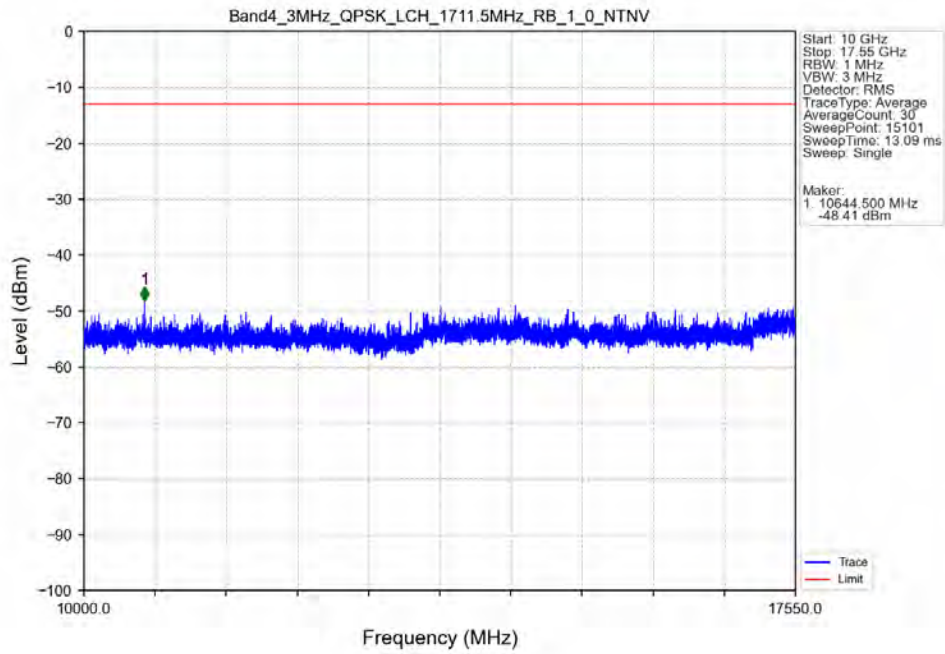


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-27.05	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.93	-13	Pass

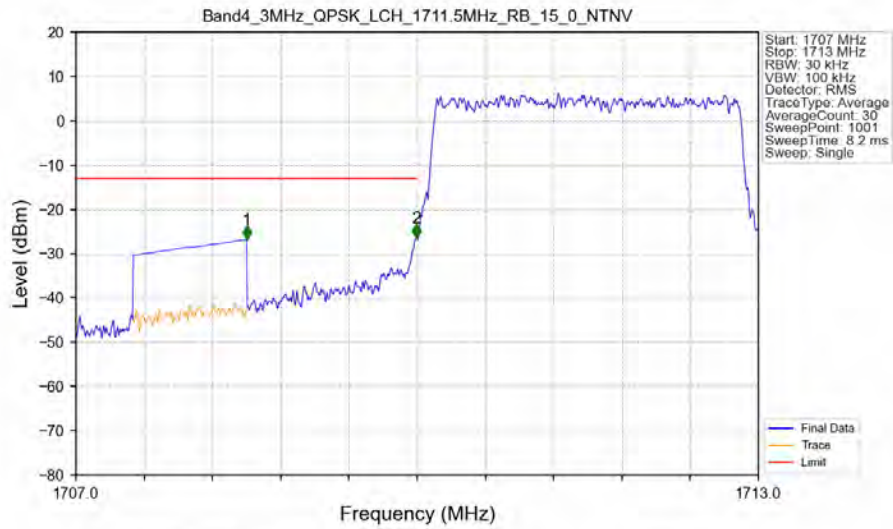
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

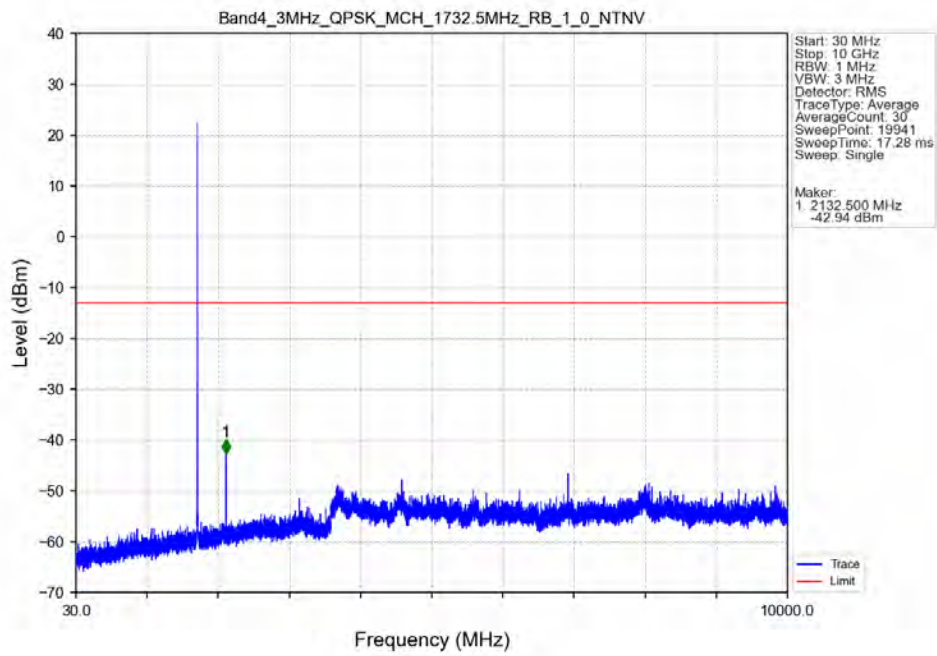


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

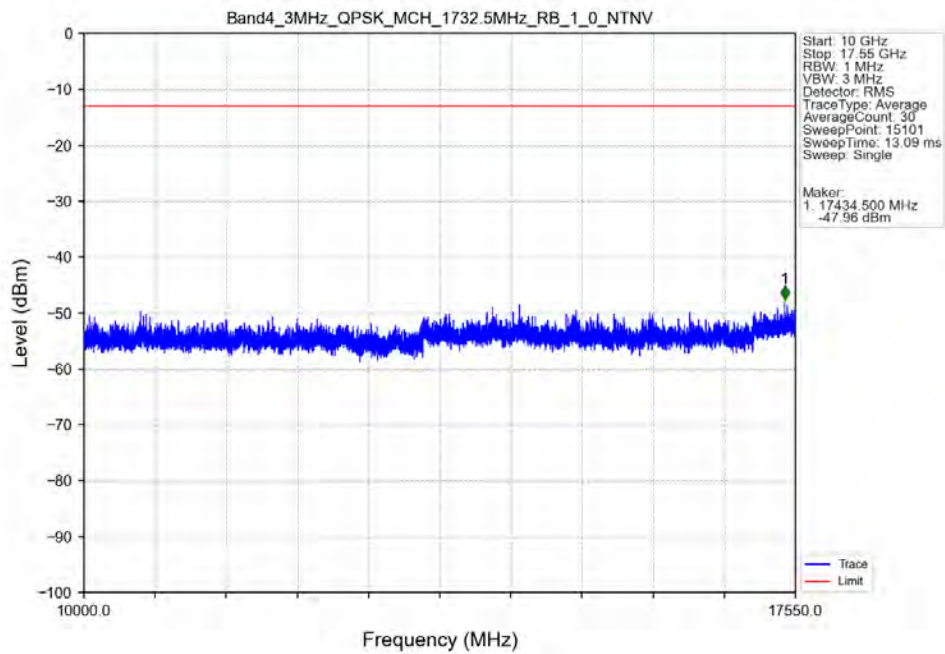


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.78	-13	Pass
1709	1710	0.03	/	2	1709.994	-26.45	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

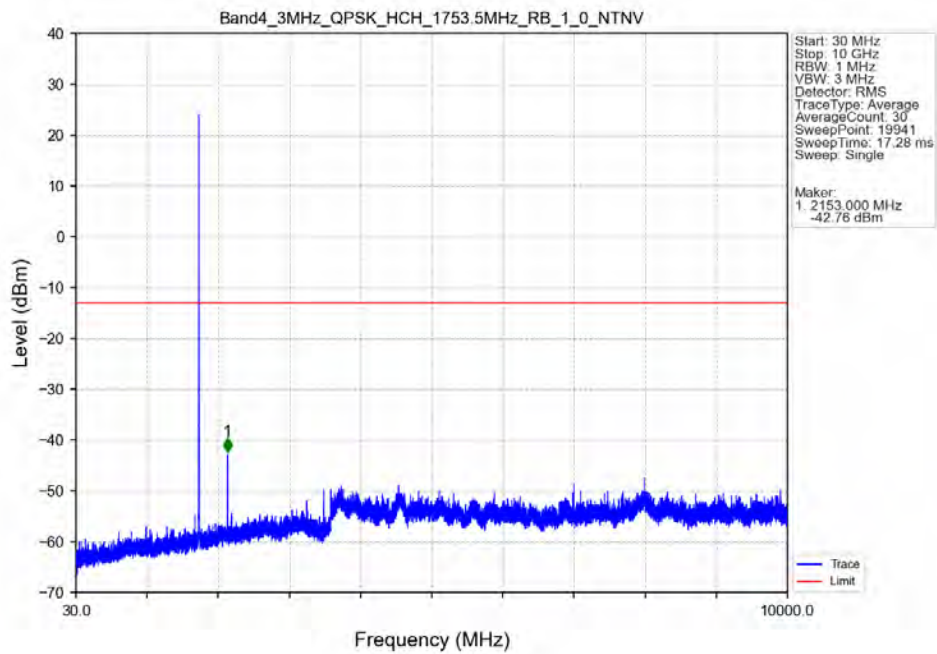
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



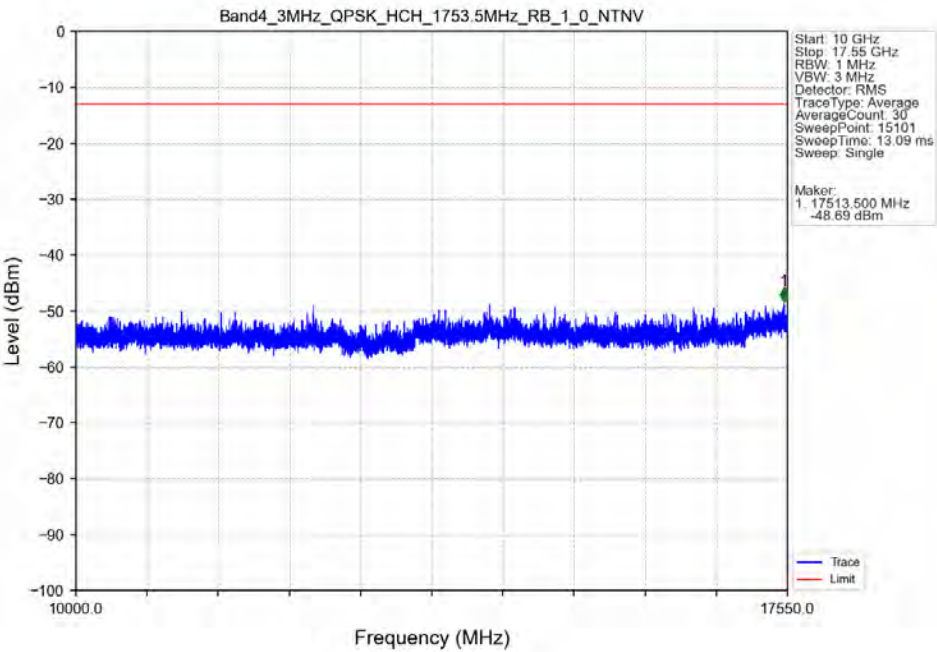
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



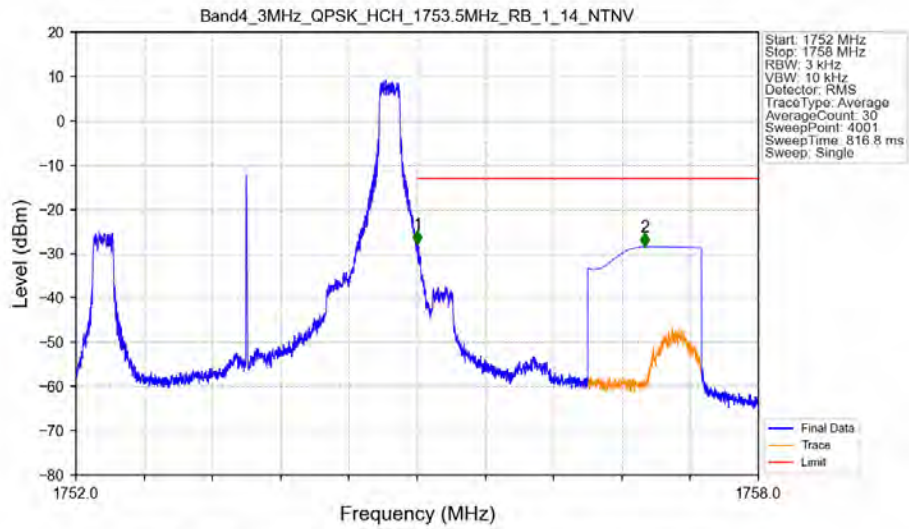
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



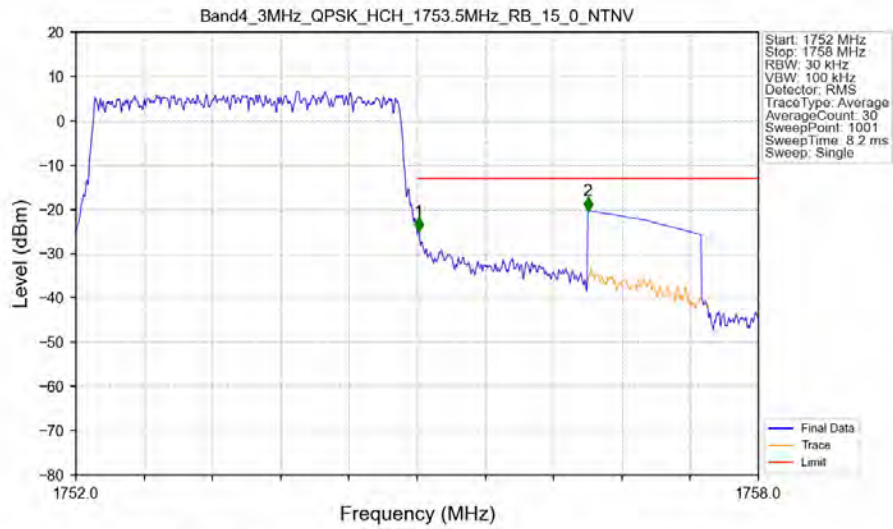
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



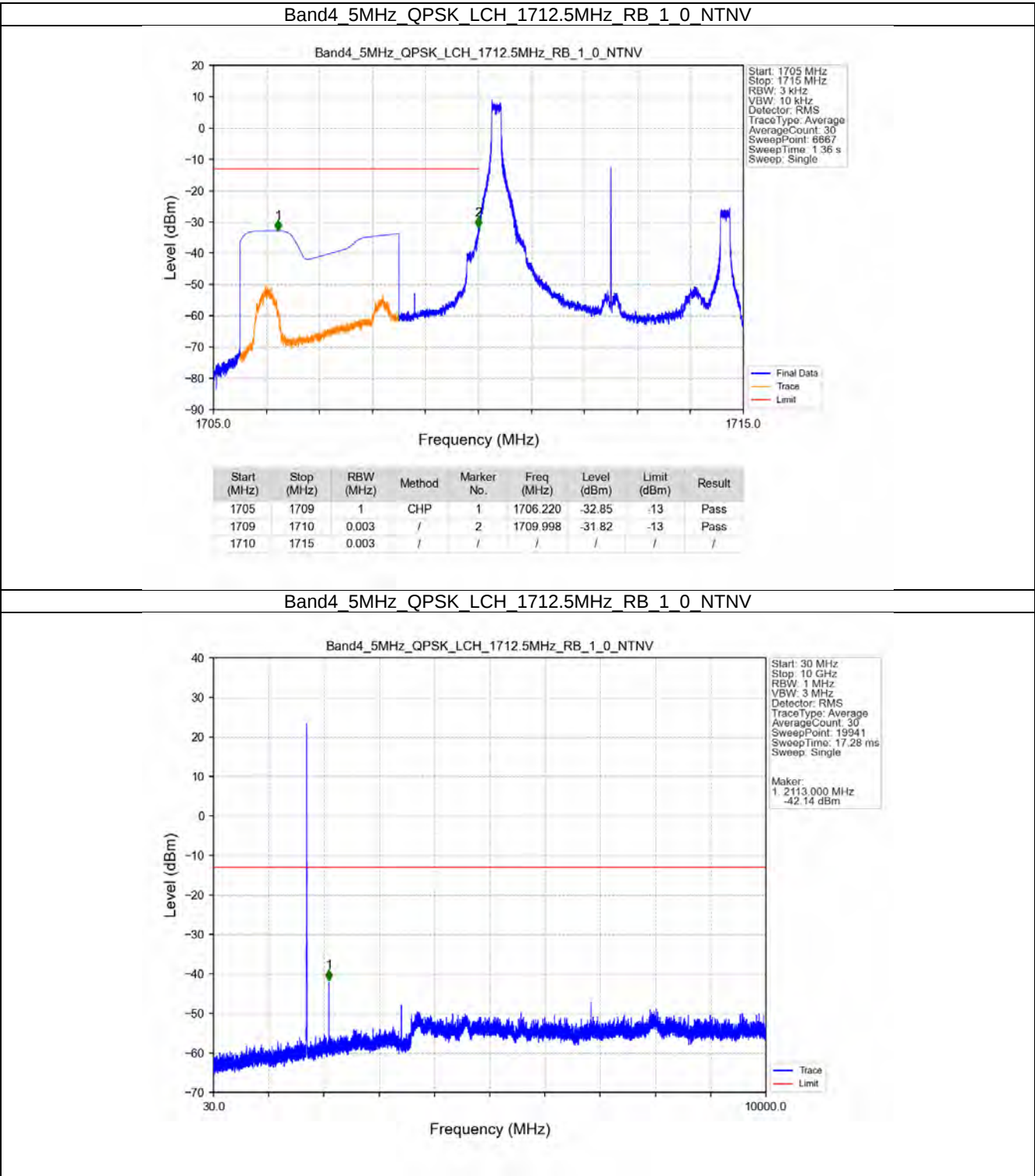
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



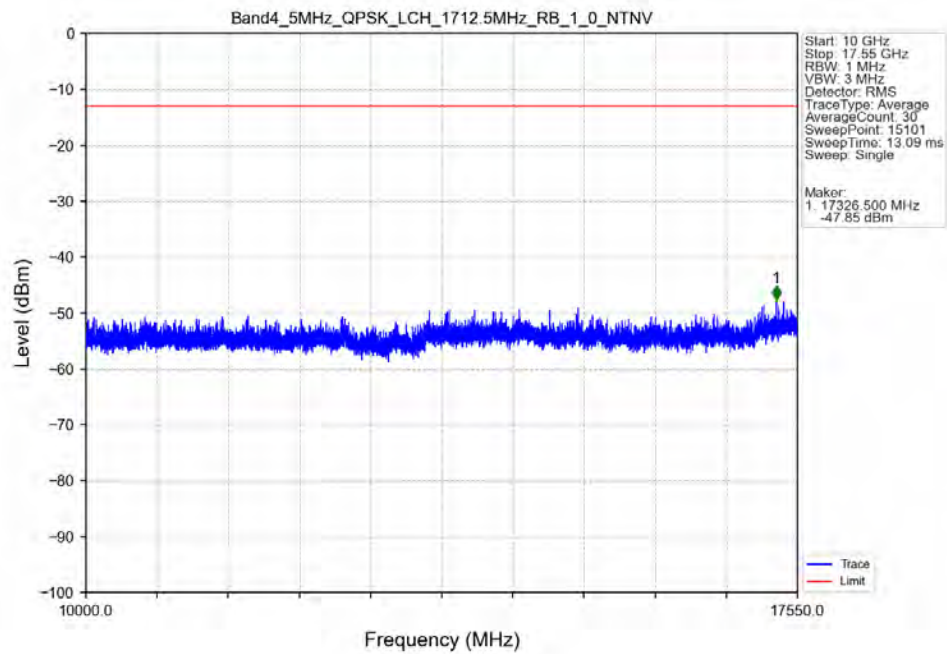
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



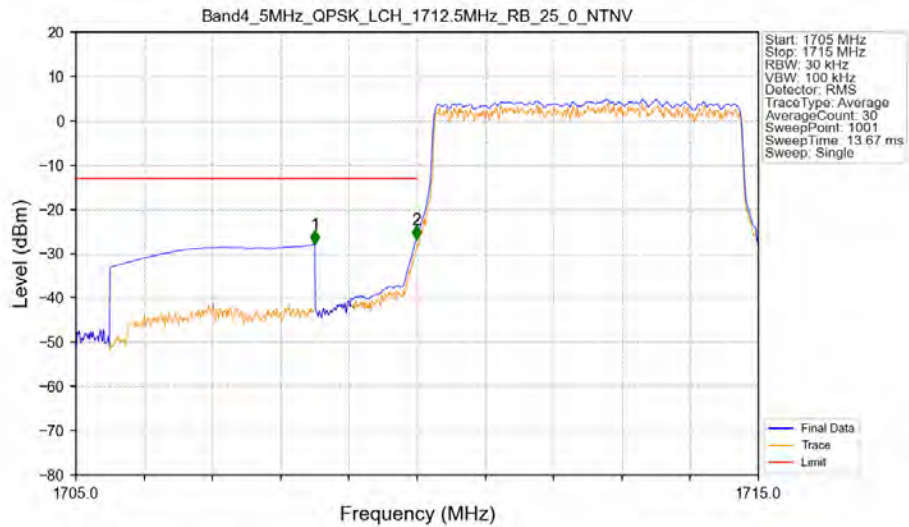
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

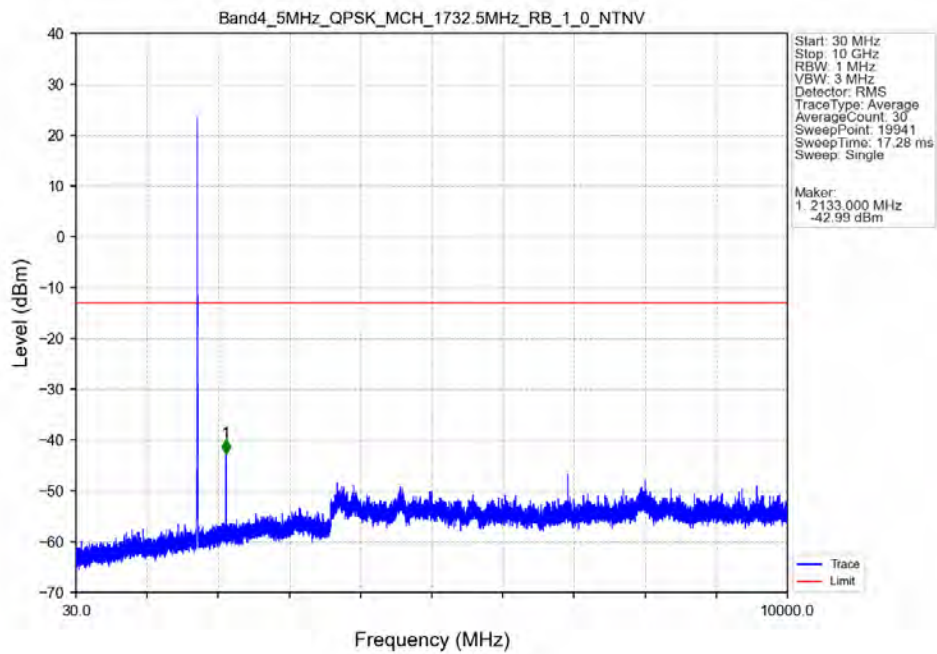


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

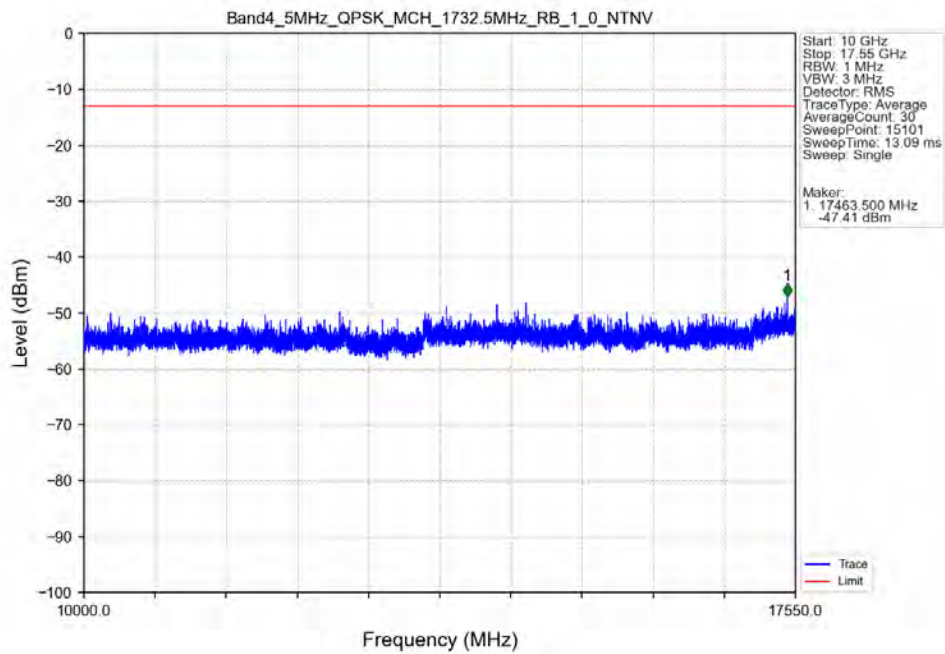


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.93	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-26.79	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

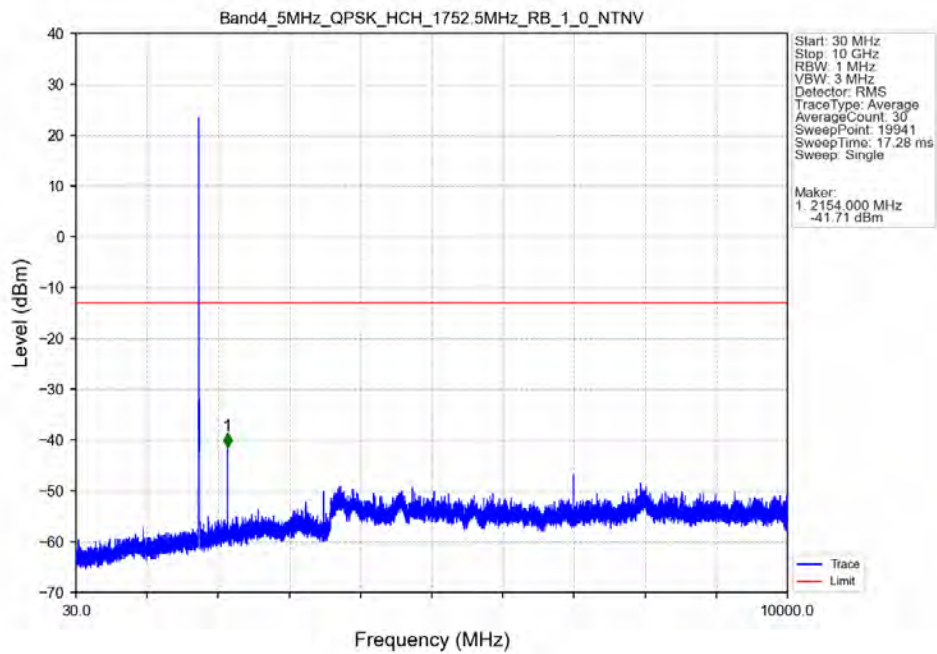
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



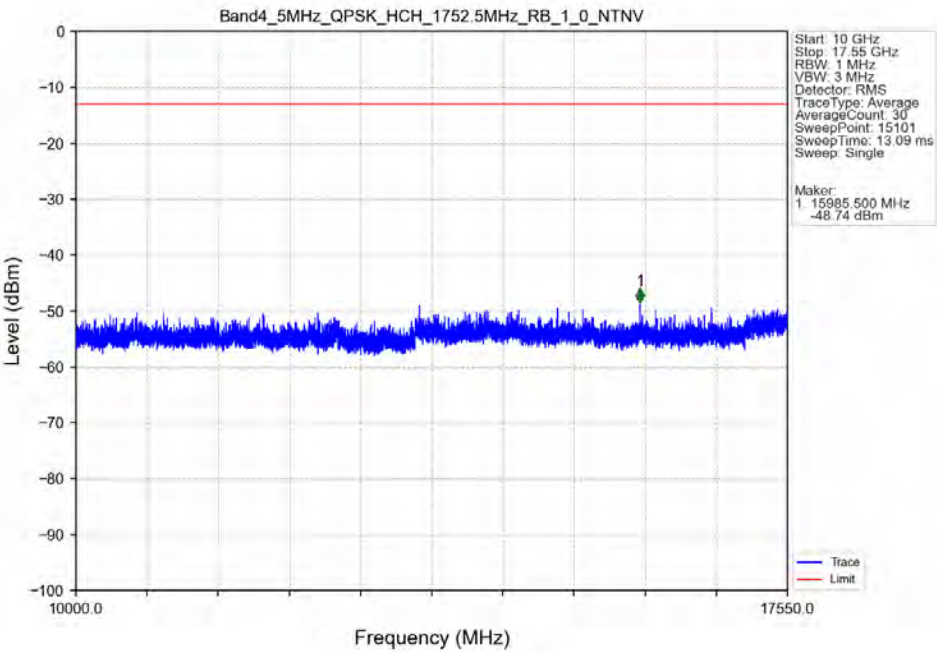
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



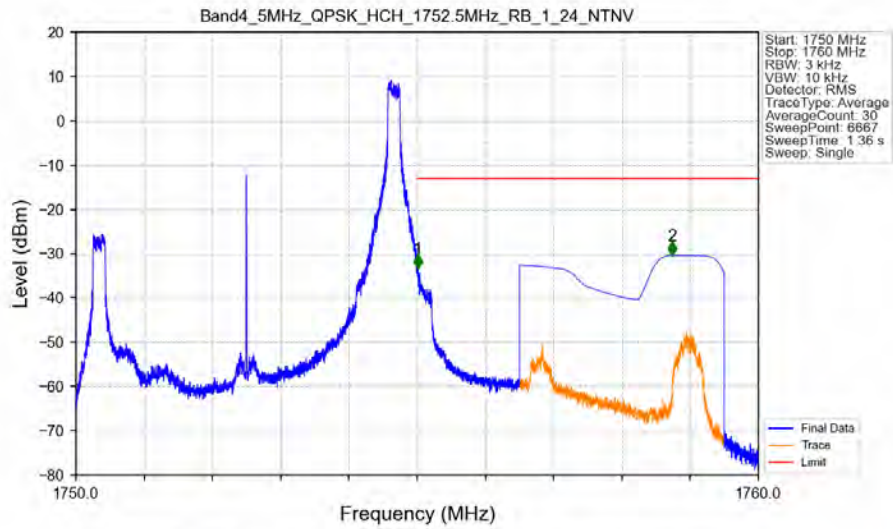
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

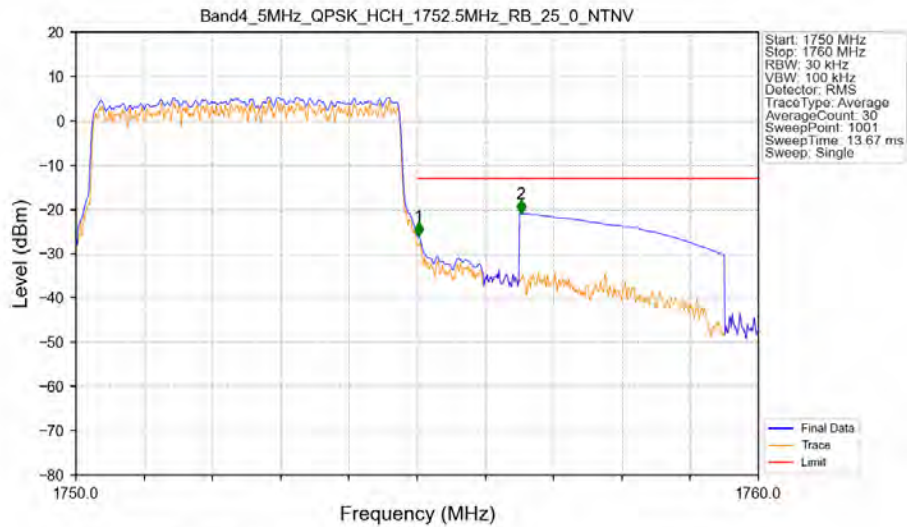


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-33.27	-13	Pass
1756	1760	1	CHP	2	1758.738	-30.37	-13	Pass

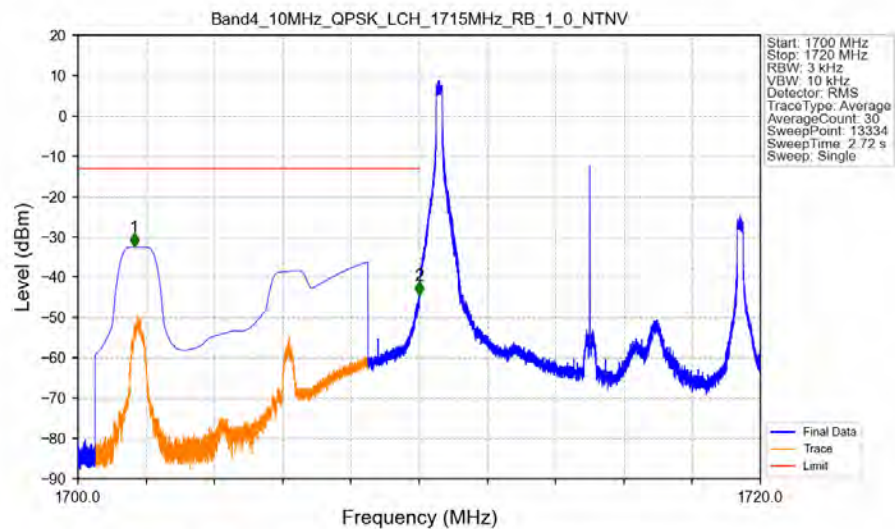
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



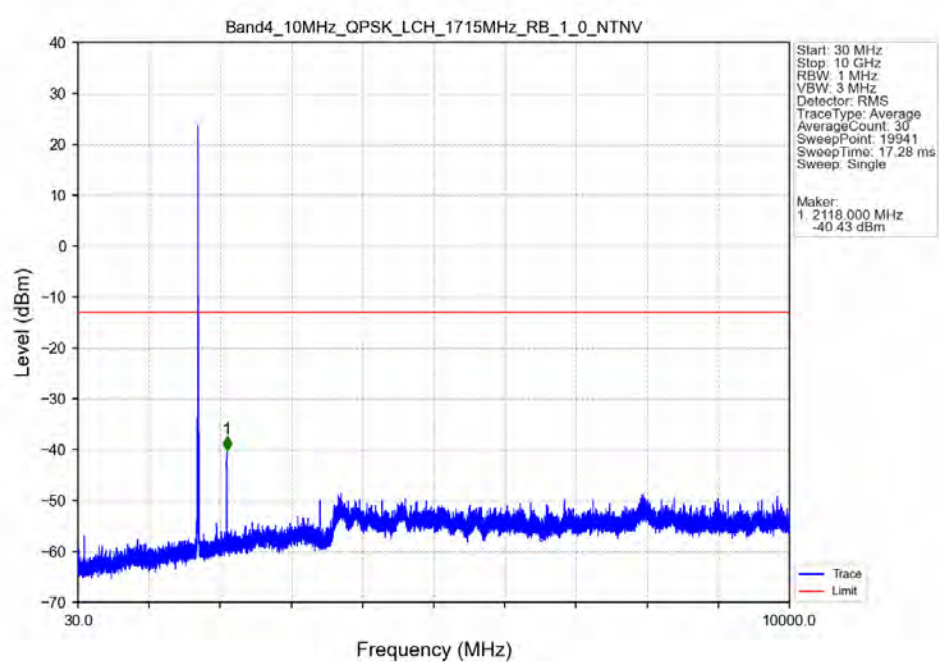
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.020	-26.08	-13	Pass
1756	1760	1	CHP	2	1756.520	-20.99	-13	Pass

5.2.4 B4_10MHz

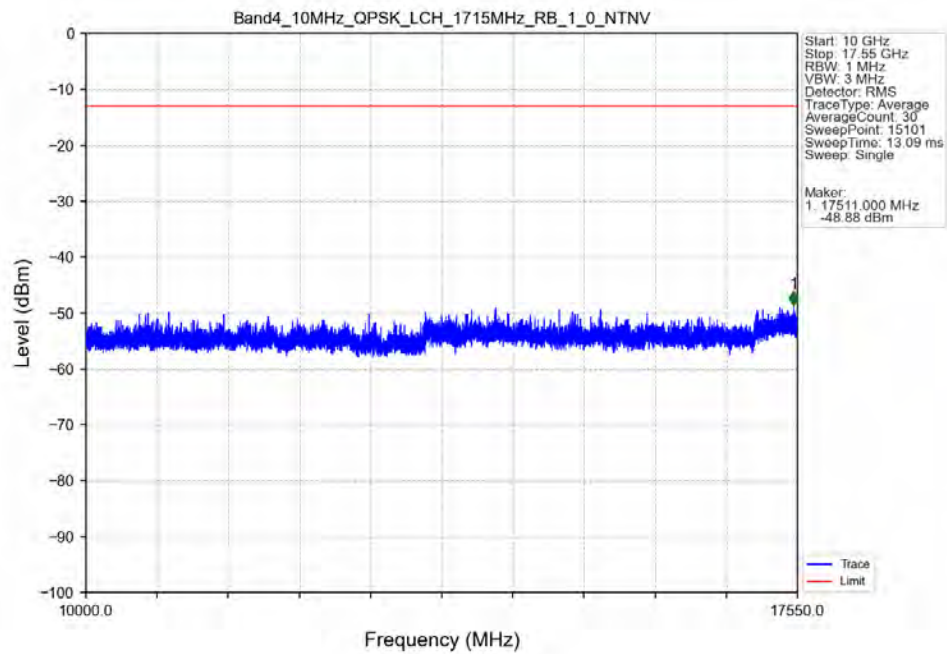
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



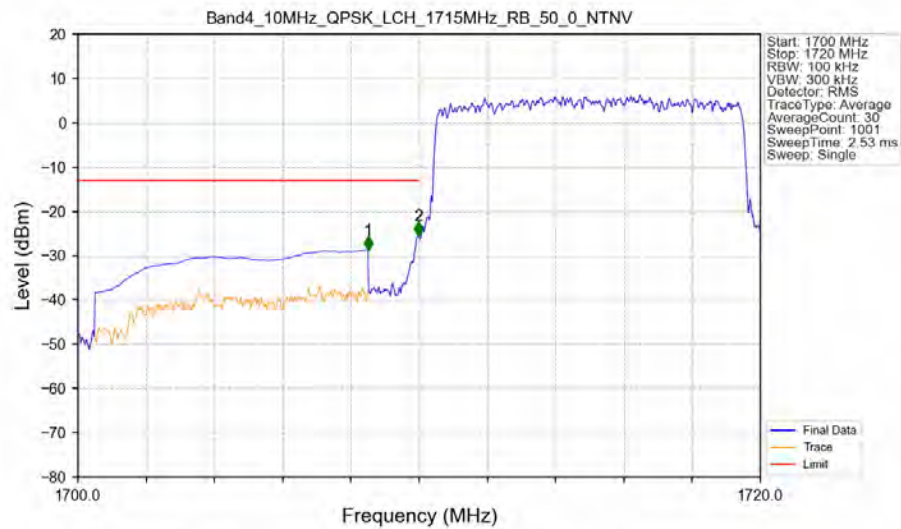
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

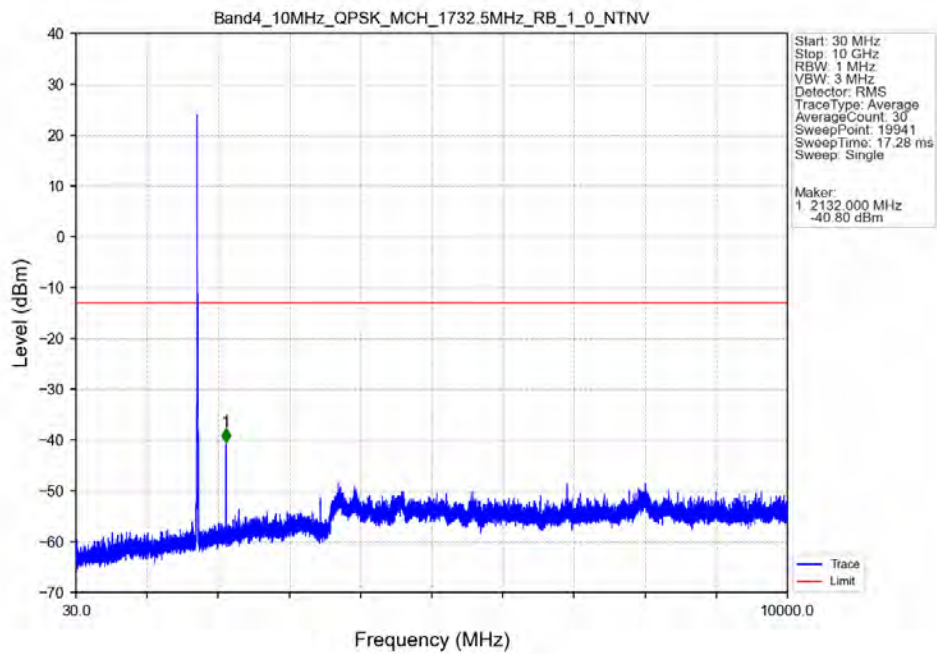


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

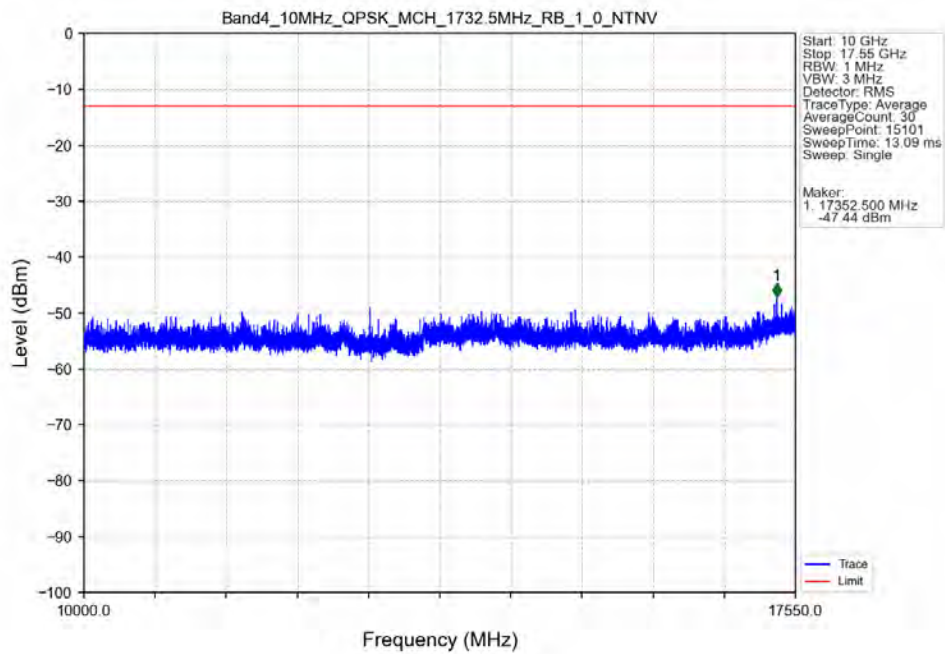


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-28.69	-13	Pass
1709	1710	0.1	/	2	1709.980	-25.52	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

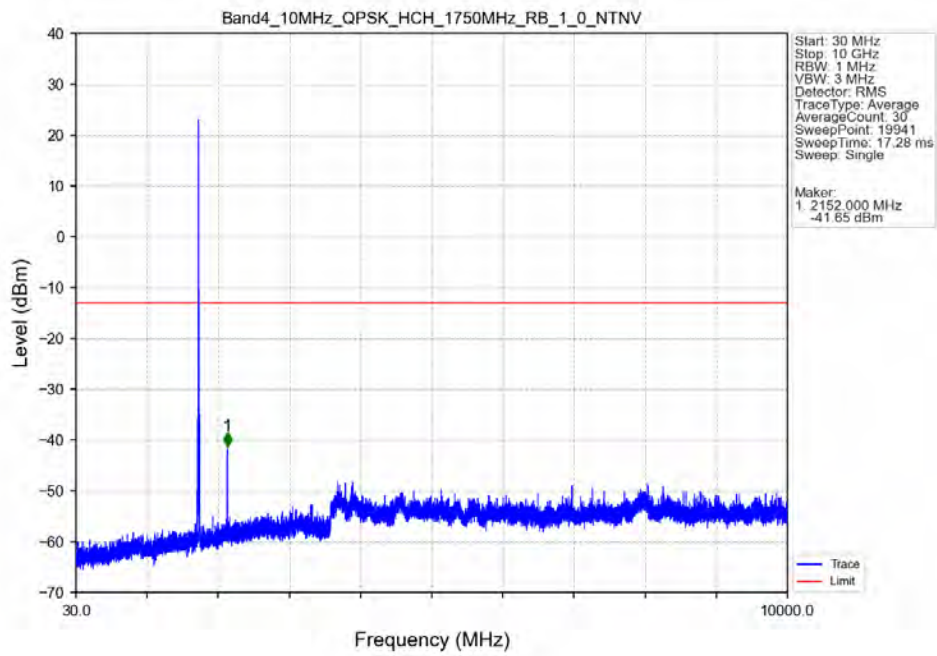
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



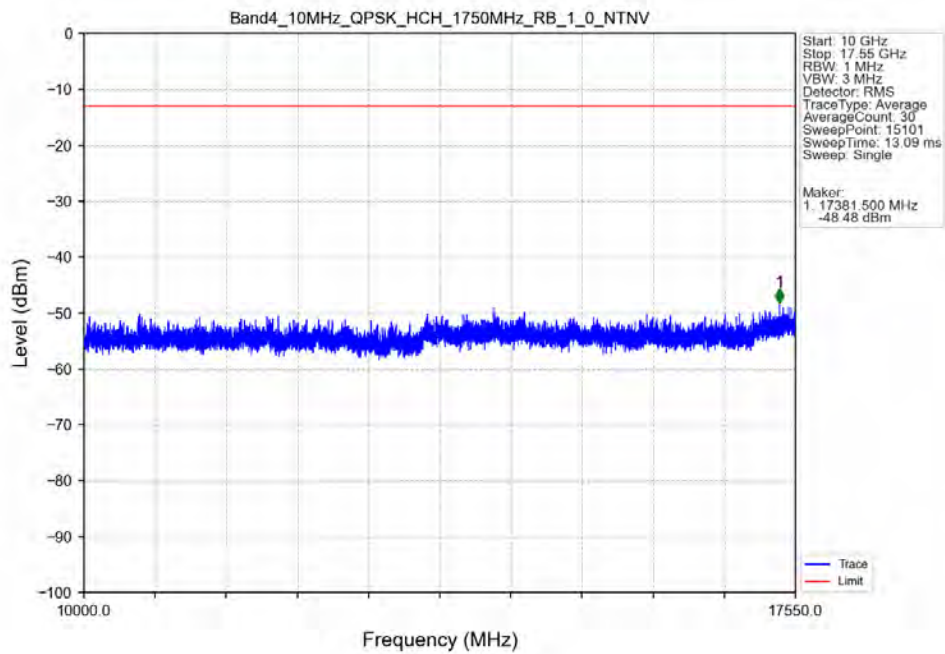
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



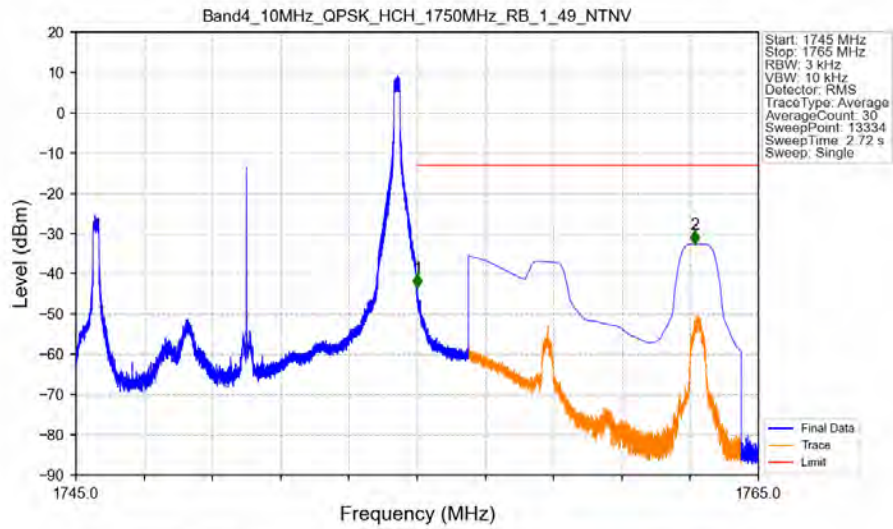
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

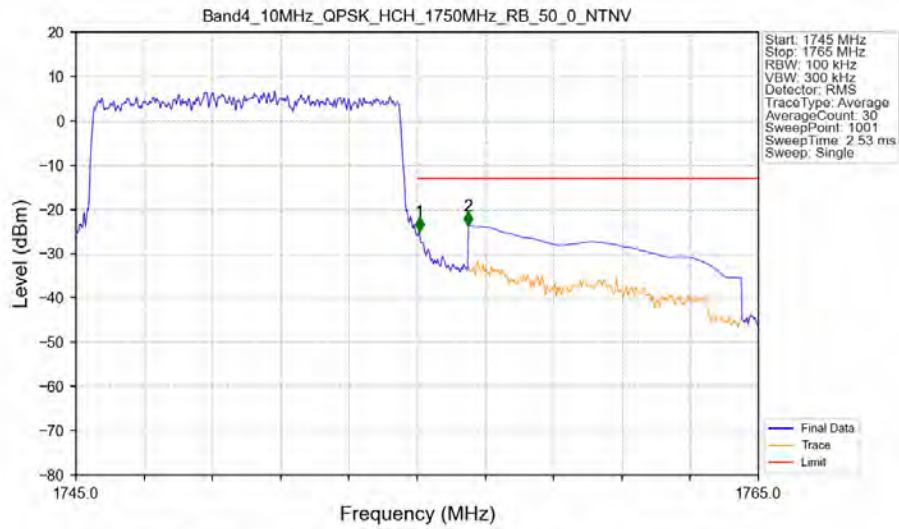


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-43.39	-13	Pass
1756	1765	1	CHP	2	1763.138	-32.67	-13	Pass

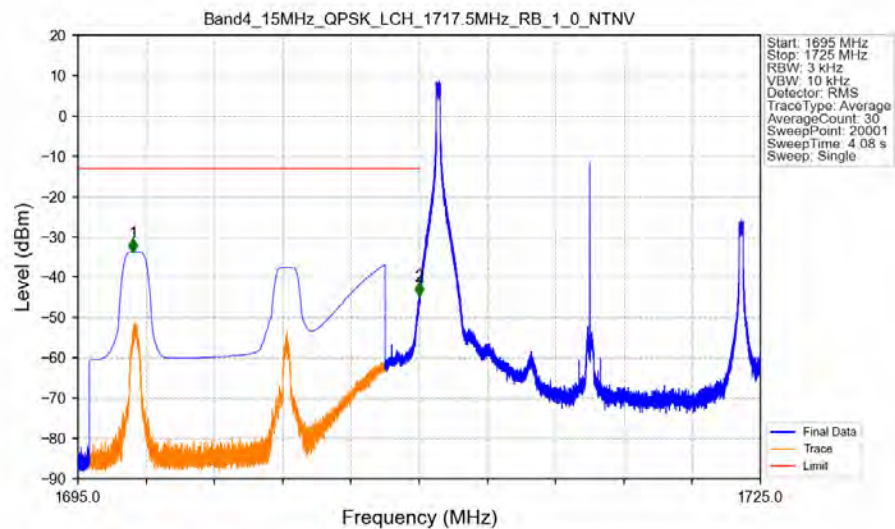
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.060	-25.01	-13	Pass
1756	1765	1	CHP	2	1756.500	-23.62	-13	Pass

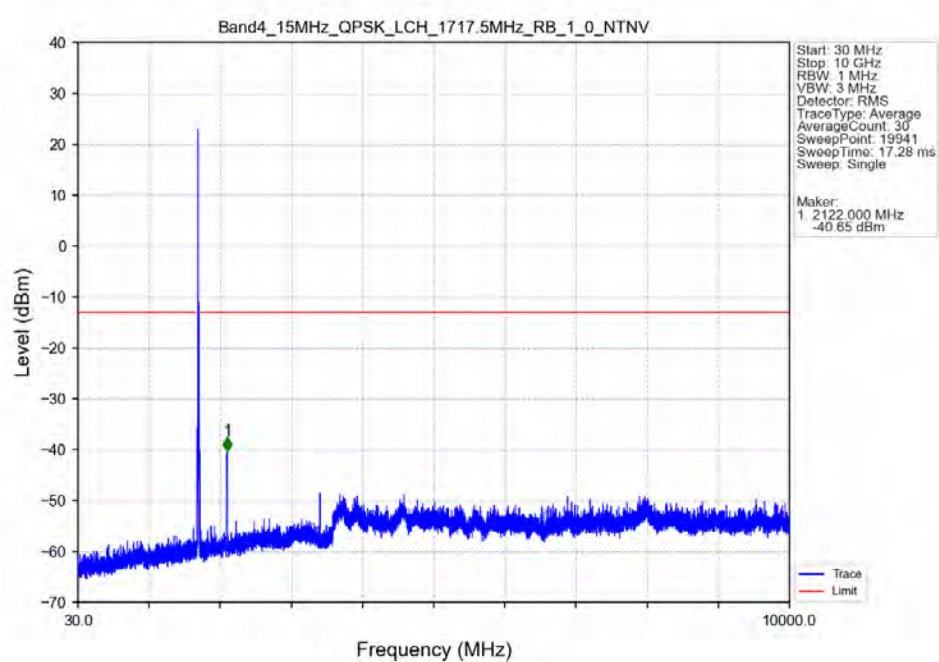
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

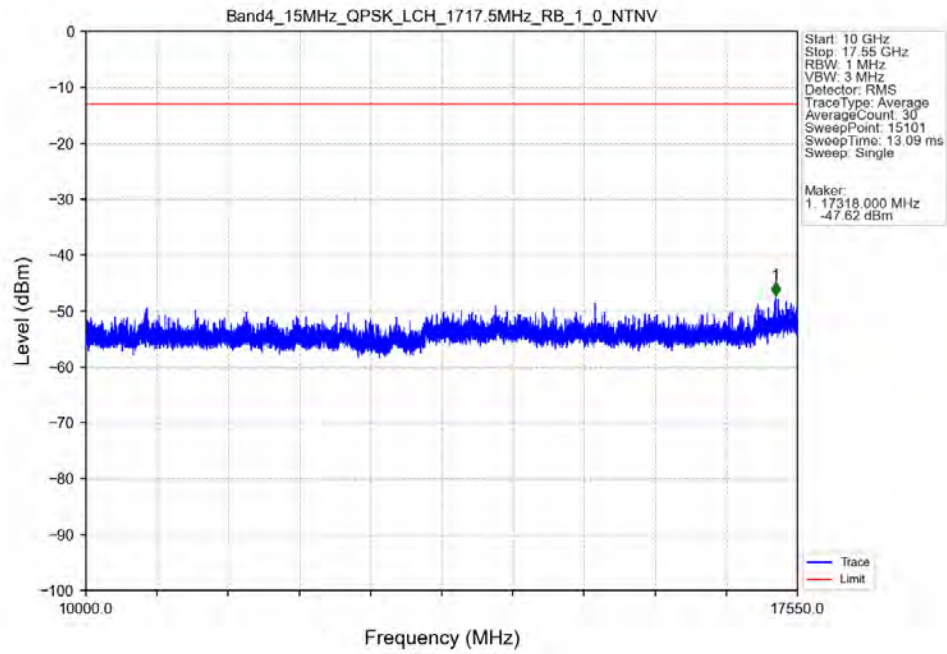


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1697.428	-33.83	-13	Pass
1709	1710	0.003	/	2	1709.994	-44.71	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

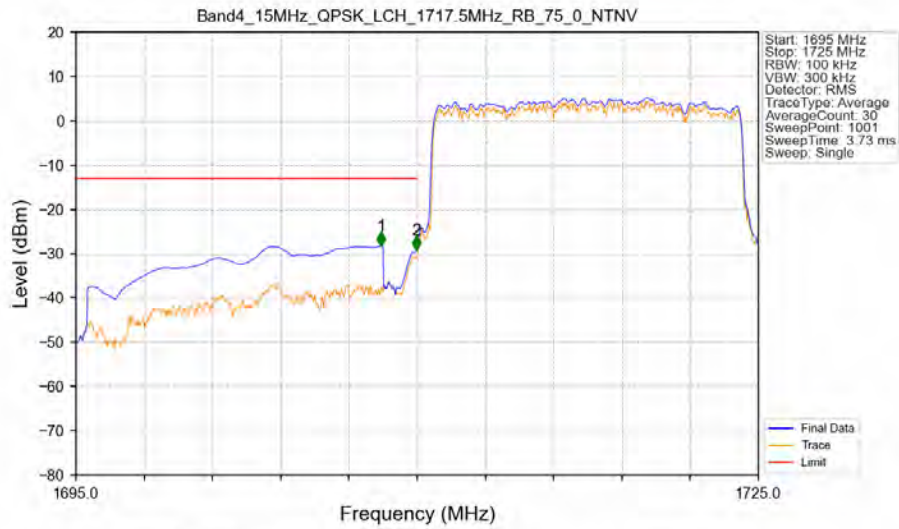
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

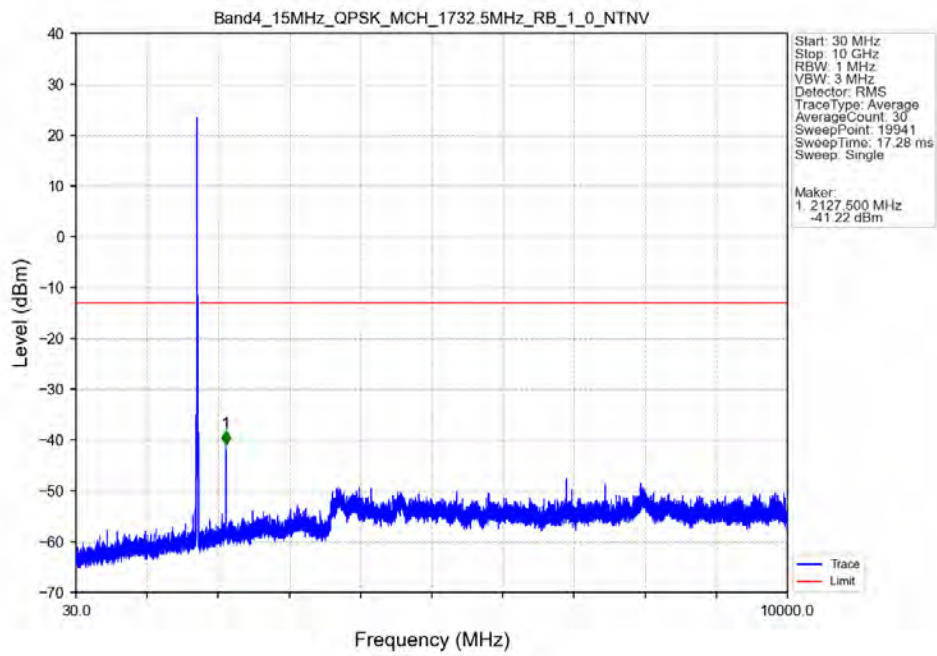


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

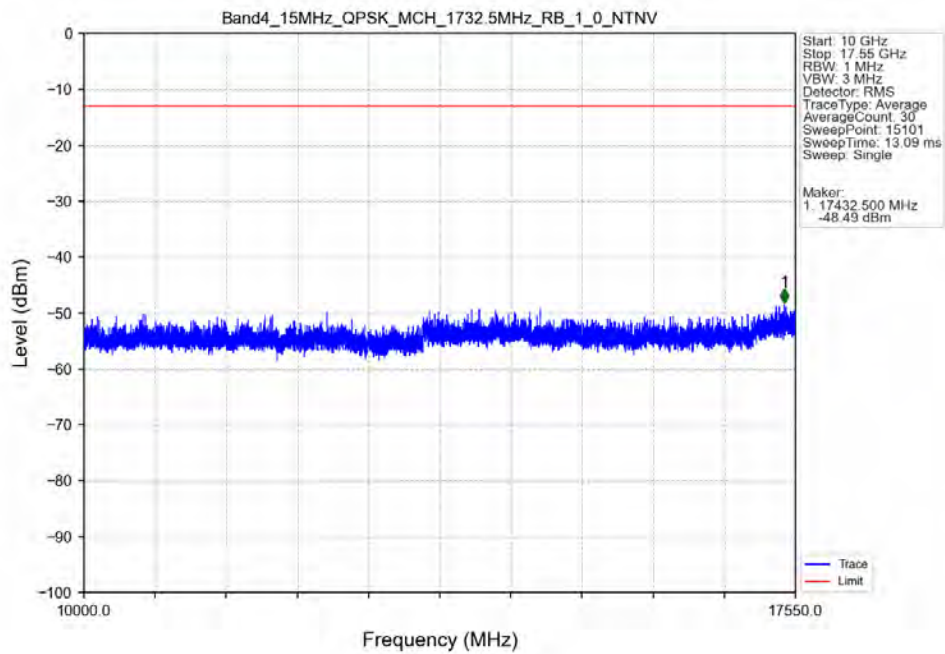


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.410	-28.26	-13	Pass
1709	1710	0.15	CHP	2	1709.970	-29.07	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

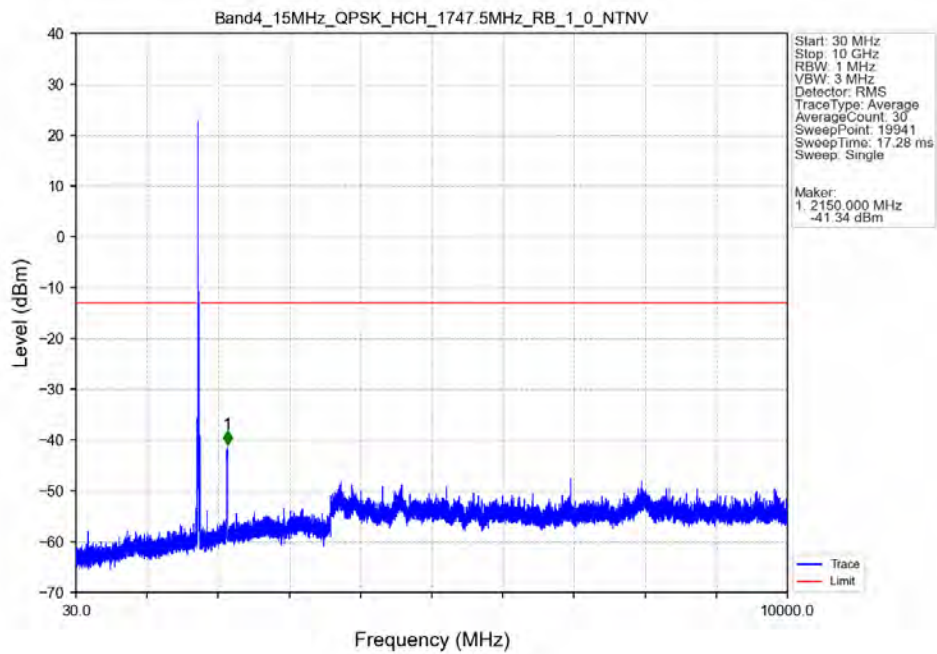
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



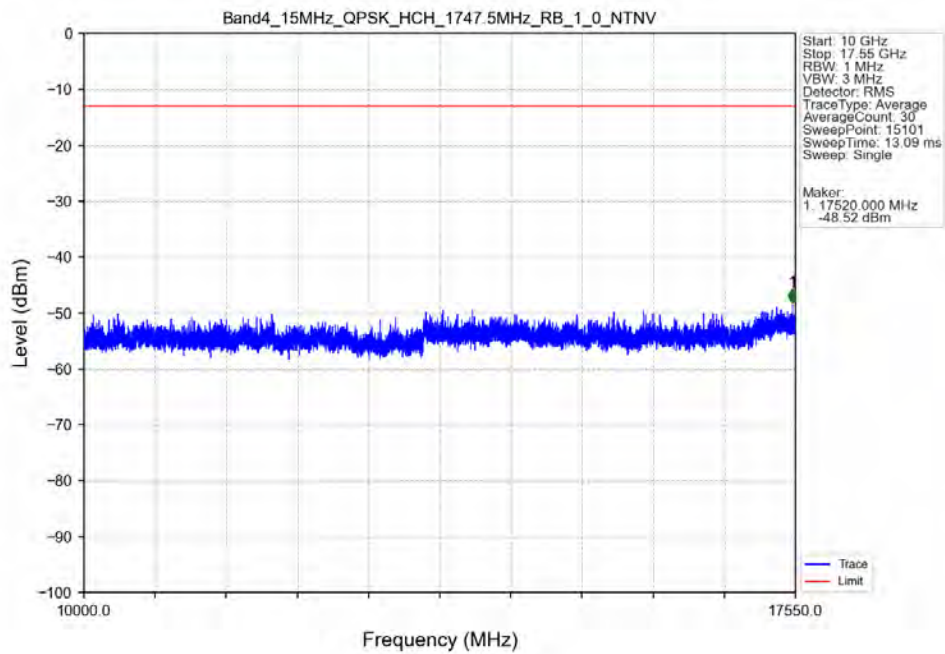
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



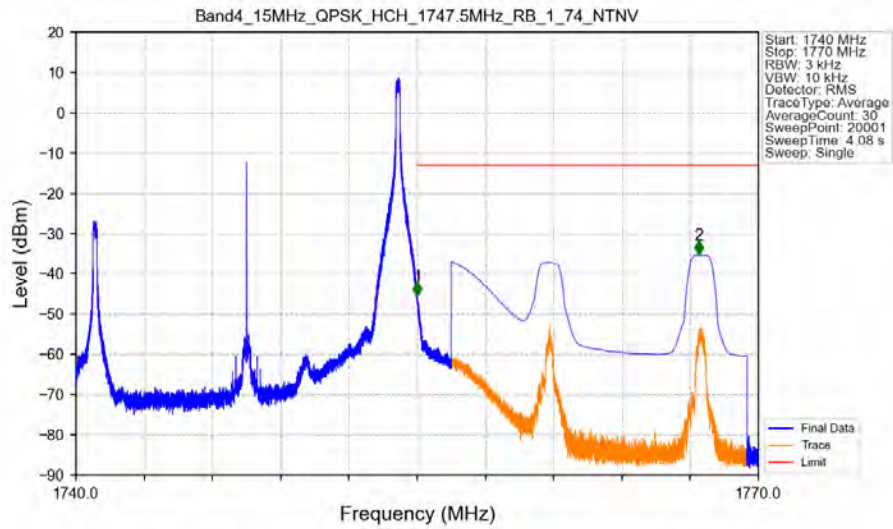
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

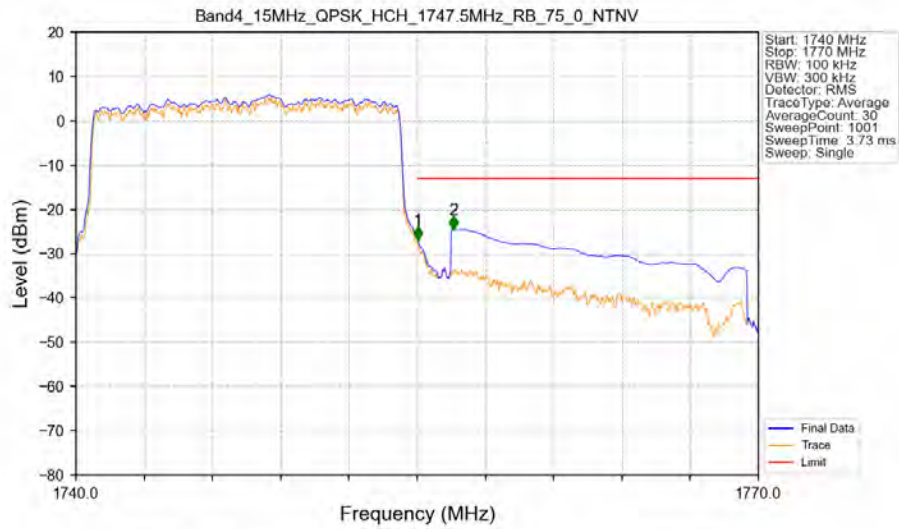


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



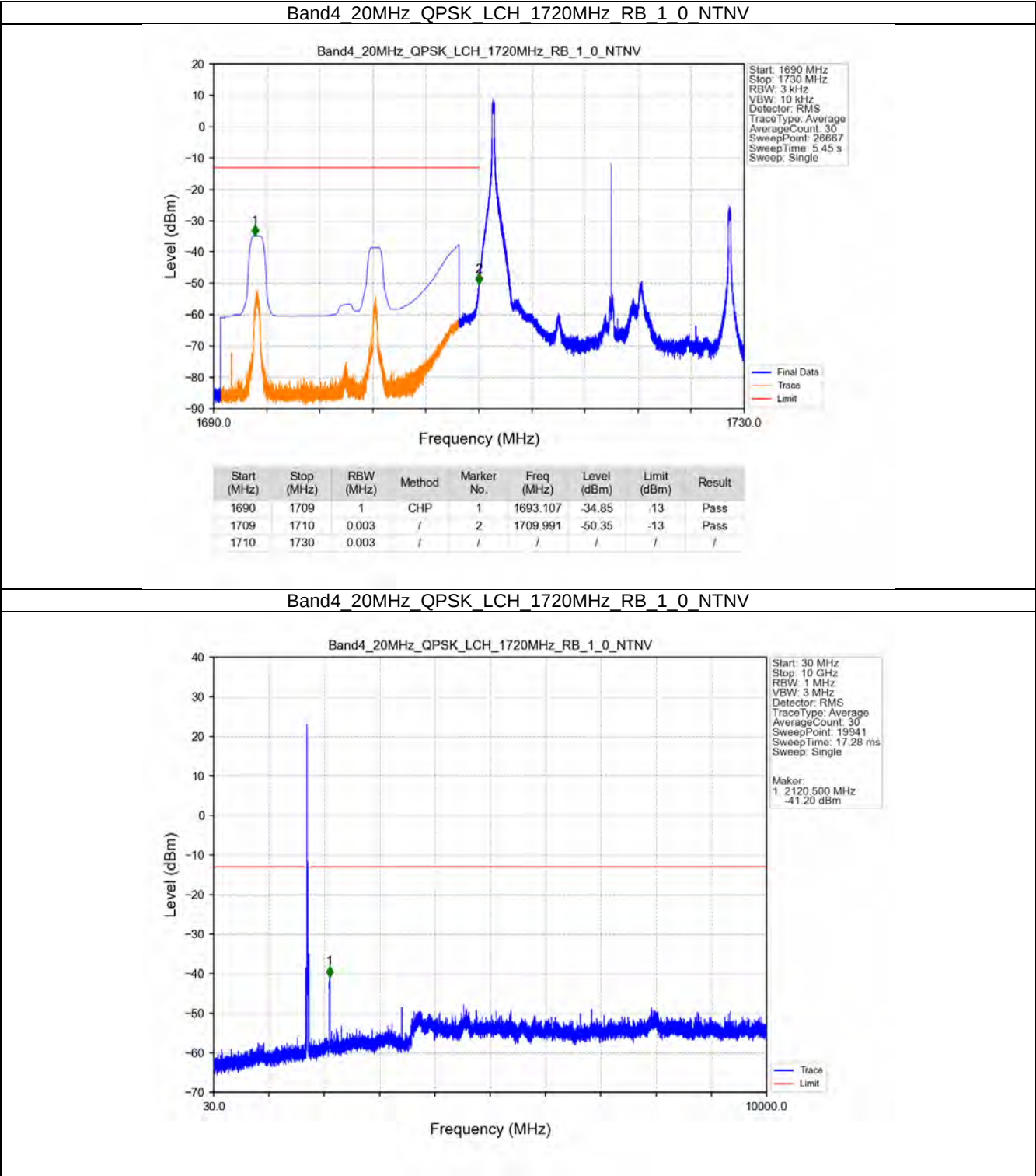
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-45.40	-13	Pass
1756	1770	1	CHP	2	1767.366	-35.33	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

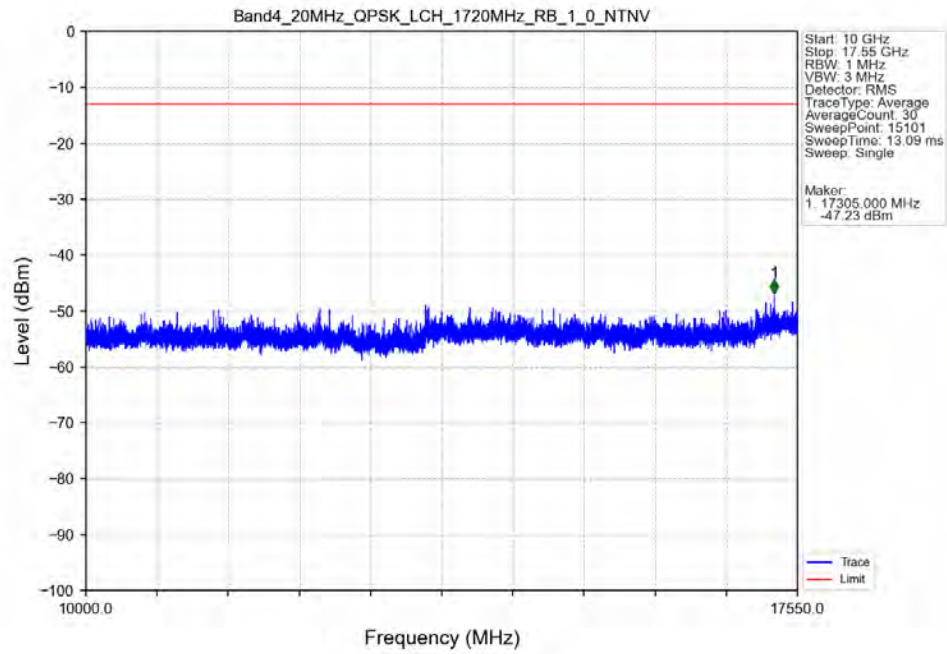


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.030	-26.98	-13	Pass
1756	1770	1	CHP	2	1756.590	-24.58	-13	Pass

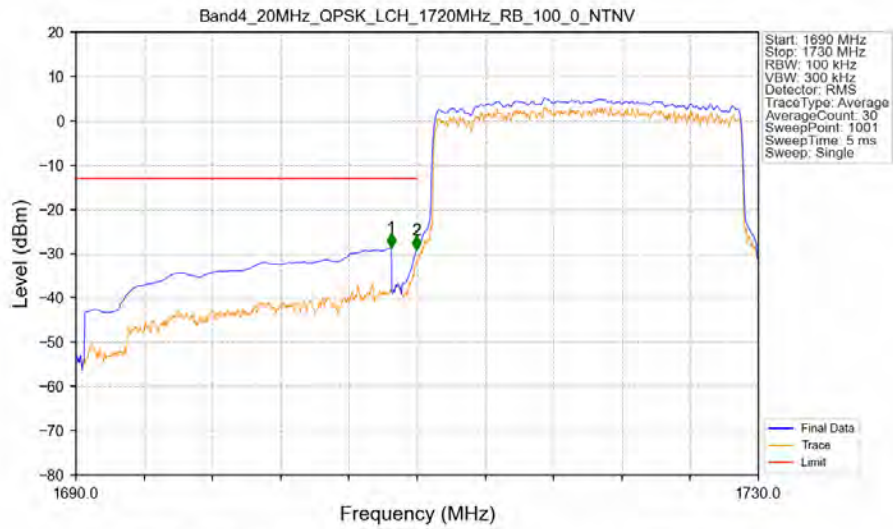
5.2.6 B4_20MHz



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

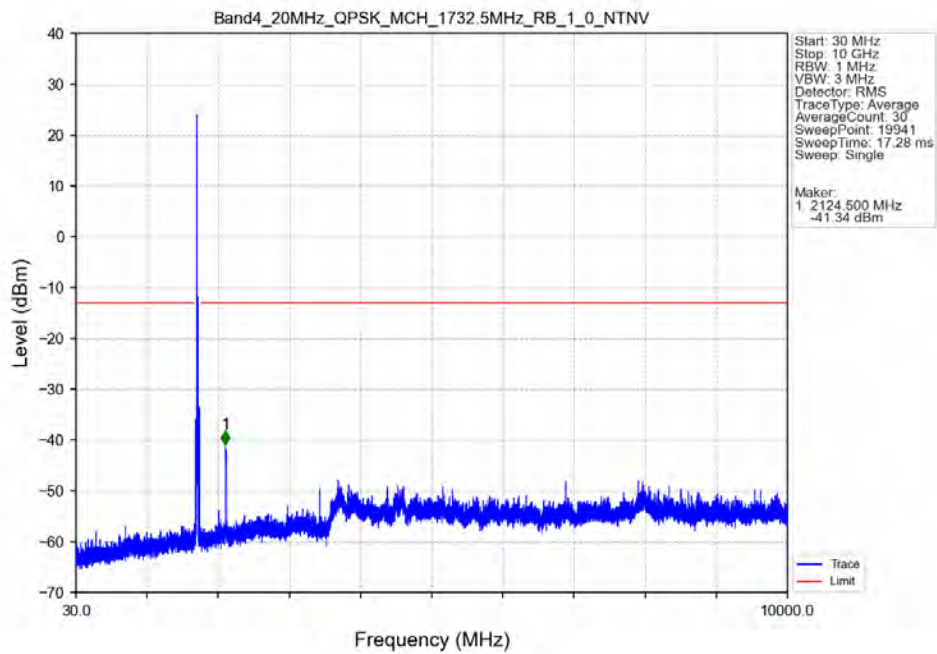


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

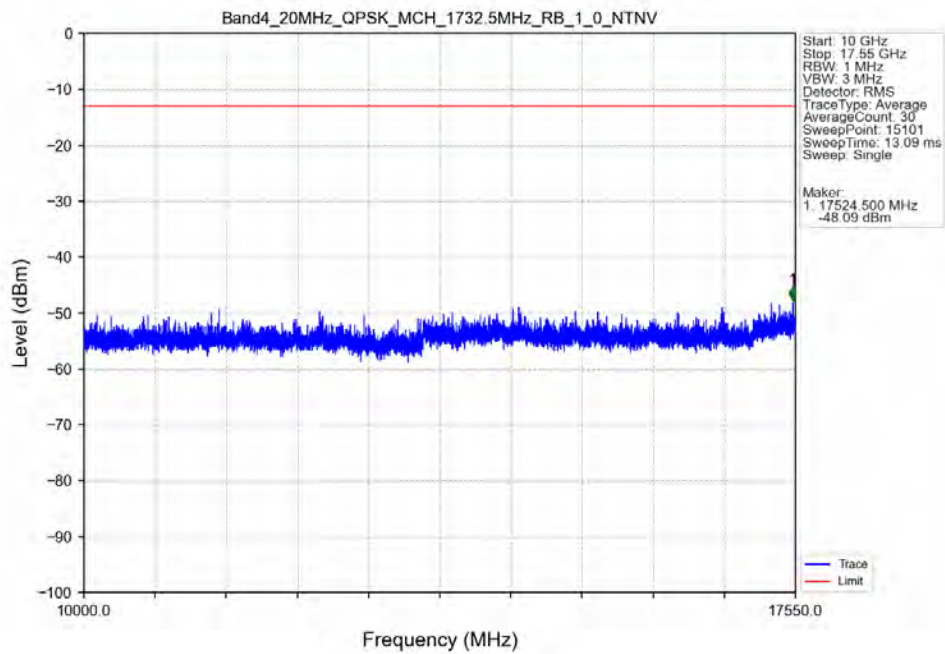


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-28.60	-13	Pass
1709	1710	0.197	CHP	2	1709.960	-29.08	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

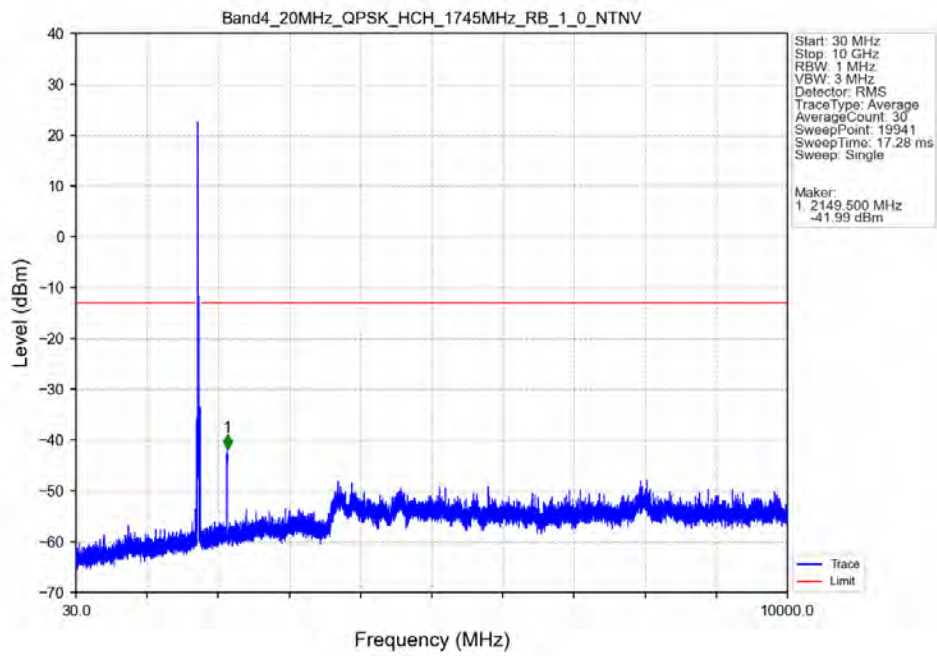
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



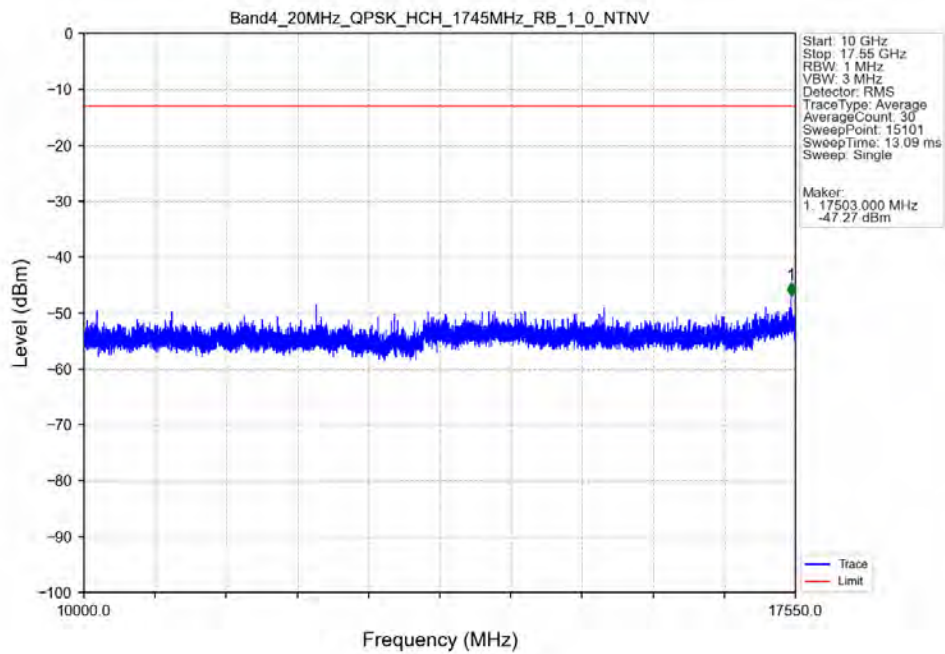
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



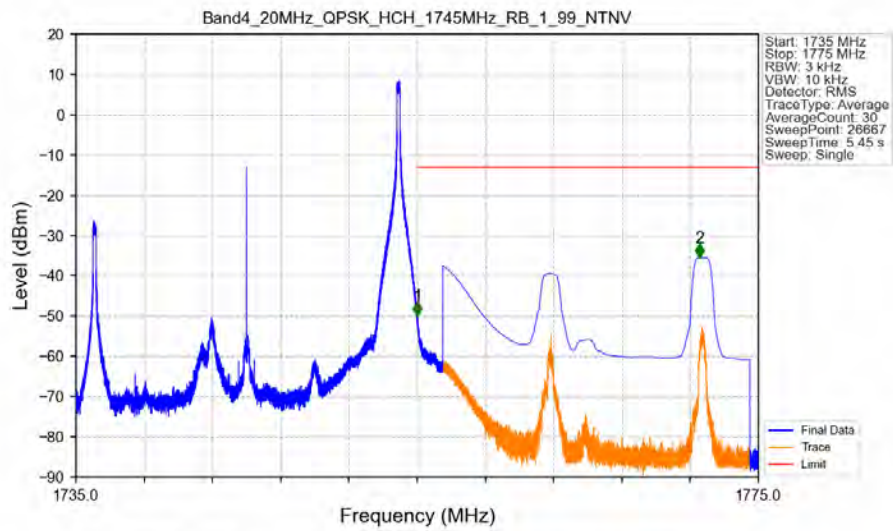
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

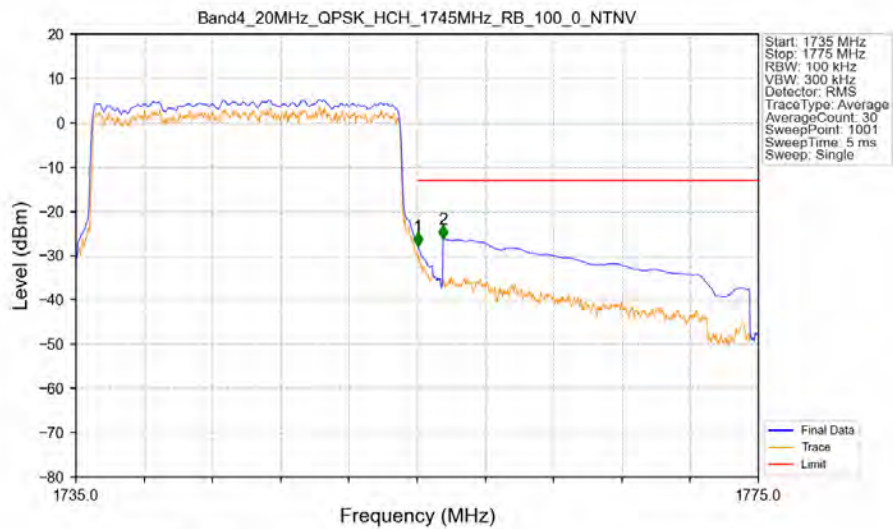


Band4 20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-49.88	-13	Pass
1756	1775	1	CHP	2	1771.571	-35.47	-13	Pass

Band4 20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.199	CHP	/	/	/	/	/
1755	1756	0.199	CHP	1	1755.040	-27.83	-13	Pass
1756	1775	1	CHP	2	1756.520	-26.15	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3422	H	-56.93	-13	43.93
5133	H	-45.33	-13	32.33
6844	H	-48.09	-13	35.09
3422	V	-54.45	-13	41.45
5133	V	-42.94	-13	29.94
6844	V	-47.44	-13	34.44

LTE Band 4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3447	H	-56.26	-13	43.26
5170.5	H	-42.03	-13	29.03
6894	H	-50.82	-13	37.82
3447	V	-56.98	-13	43.98
5170.5	V	-34.03	-13	21.03
6894	V	-47.2	-13	34.2

LTE Band 4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3472	H	-57.45	-13	44.45
5208	H	-46.24	-13	33.24
6944	H	-51.71	-13	38.71
3472	V	-56.68	-13	43.68
5208	V	-46.31	-13	33.31
6944	V	-46.37	-13	33.37