

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.16	-1.75	22.41	<=30	Pass
			2	24.01	-1.75	22.26	<=30	Pass
			5	24.14	-1.75	22.39	<=30	Pass
		3	0	24.06	-1.75	22.31	<=30	Pass
			2	24.04	-1.75	22.29	<=30	Pass
			3	24.14	-1.75	22.39	<=30	Pass
		6	0	23.13	-1.75	21.38	<=30	Pass
	1732.5	1	0	23.82	-1.75	22.07	<=30	Pass
			2	23.76	-1.75	22.01	<=30	Pass
			5	23.76	-1.75	22.01	<=30	Pass
		3	0	23.84	-1.75	22.09	<=30	Pass
			2	23.71	-1.75	21.96	<=30	Pass
			3	23.72	-1.75	21.97	<=30	Pass
		6	0	22.79	-1.75	21.04	<=30	Pass
	1754.3	1	0	23.48	-1.75	21.73	<=30	Pass
			2	23.47	-1.75	21.72	<=30	Pass
			5	23.55	-1.75	21.80	<=30	Pass
		3	0	23.53	-1.75	21.78	<=30	Pass
			2	23.51	-1.75	21.76	<=30	Pass
			3	23.57	-1.75	21.82	<=30	Pass
		6	0	22.59	-1.75	20.84	<=30	Pass
16QAM	1710.7	1	0	23.38	-1.75	21.63	<=30	Pass
			2	23.22	-1.75	21.47	<=30	Pass
			5	23.00	-1.75	21.25	<=30	Pass
		3	0	23.20	-1.75	21.45	<=30	Pass
			2	23.15	-1.75	21.40	<=30	Pass
			3	23.24	-1.75	21.49	<=30	Pass
		6	0	22.12	-1.75	20.37	<=30	Pass
	1732.5	1	0	23.01	-1.75	21.26	<=30	Pass
			2	23.00	-1.75	21.25	<=30	Pass
			5	22.89	-1.75	21.14	<=30	Pass
		3	0	22.72	-1.75	20.97	<=30	Pass
			2	22.80	-1.75	21.05	<=30	Pass
			3	22.85	-1.75	21.10	<=30	Pass
		6	0	21.87	-1.75	20.12	<=30	Pass
	1754.3	1	0	22.70	-1.75	20.95	<=30	Pass
			2	22.78	-1.75	21.03	<=30	Pass
			5	22.77	-1.75	21.02	<=30	Pass
		3	0	22.62	-1.75	20.87	<=30	Pass
			2	22.59	-1.75	20.84	<=30	Pass
			3	22.57	-1.75	20.82	<=30	Pass
		6	0	21.66	-1.75	19.91	<=30	Pass
64QAM	1710.7	1	0	22.26	-1.75	20.51	<=30	Pass
			2	22.29	-1.75	20.54	<=30	Pass
			5	22.21	-1.75	20.46	<=30	Pass
		3	0	22.12	-1.75	20.37	<=30	Pass
			2	22.30	-1.75	20.55	<=30	Pass
			3	22.20	-1.75	20.45	<=30	Pass
		6	0	21.22	-1.75	19.47	<=30	Pass

	1732.5	1	0	22.03	-1.75	20.28	<=30	Pass
			2	22.01	-1.75	20.26	<=30	Pass
			5	22.02	-1.75	20.27	<=30	Pass
		3	0	21.89	-1.75	20.14	<=30	Pass
			2	21.81	-1.75	20.06	<=30	Pass
			3	21.85	-1.75	20.10	<=30	Pass
		6	0	20.88	-1.75	19.13	<=30	Pass
	1754.3	1	0	21.69	-1.75	19.94	<=30	Pass
			2	21.83	-1.75	20.08	<=30	Pass
			5	21.75	-1.75	20.00	<=30	Pass
		3	0	21.69	-1.75	19.94	<=30	Pass
			2	21.57	-1.75	19.82	<=30	Pass
			3	21.59	-1.75	19.84	<=30	Pass
		6	0	20.72	-1.75	18.97	<=30	Pass
256QAM	1710.7	1	0	19.30	-1.75	17.55	<=30	Pass
			2	19.29	-1.75	17.54	<=30	Pass
			5	19.33	-1.75	17.58	<=30	Pass
		3	0	19.37	-1.75	17.62	<=30	Pass
			2	19.31	-1.75	17.56	<=30	Pass
			3	19.30	-1.75	17.55	<=30	Pass
		6	0	19.18	-1.75	17.43	<=30	Pass
	1732.5	1	0	19.01	-1.75	17.26	<=30	Pass
			2	19.03	-1.75	17.28	<=30	Pass
			5	19.03	-1.75	17.28	<=30	Pass
		3	0	18.94	-1.75	17.19	<=30	Pass
			2	18.99	-1.75	17.24	<=30	Pass
			3	18.98	-1.75	17.23	<=30	Pass
		6	0	18.90	-1.75	17.15	<=30	Pass
	1754.3	1	0	18.91	-1.75	17.16	<=30	Pass
			2	18.90	-1.75	17.15	<=30	Pass
			5	18.91	-1.75	17.16	<=30	Pass
		3	0	18.88	-1.75	17.13	<=30	Pass
			2	18.87	-1.75	17.12	<=30	Pass
			3	18.82	-1.75	17.07	<=30	Pass
		6	0	18.81	-1.75	17.06	<=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	24.30	-1.75	22.55	<=30	Pass
			7	24.32	-1.75	22.57	<=30	Pass
			14	24.17	-1.75	22.42	<=30	Pass
		8	0	23.14	-1.75	21.39	<=30	Pass
			4	23.12	-1.75	21.37	<=30	Pass
			7	23.20	-1.75	21.45	<=30	Pass
		15	0	23.12	-1.75	21.37	<=30	Pass
	1732.5	1	0	23.69	-1.75	21.94	<=30	Pass
			7	23.71	-1.75	21.96	<=30	Pass
			14	23.71	-1.75	21.96	<=30	Pass
		8	0	22.73	-1.75	20.98	<=30	Pass
			4	22.80	-1.75	21.05	<=30	Pass
			7	22.75	-1.75	21.00	<=30	Pass
		15	0	22.85	-1.75	21.10	<=30	Pass
	1753.5	1	0	23.52	-1.75	21.77	<=30	Pass

		8	7	23.56	-1.75	21.81	<=30	Pass
			14	23.47	-1.75	21.72	<=30	Pass
			0	22.56	-1.75	20.81	<=30	Pass
			4	22.59	-1.75	20.84	<=30	Pass
			7	22.51	-1.75	20.76	<=30	Pass
		15	0	22.51	-1.75	20.76	<=30	Pass
16QAM	1711.5	1	0	23.29	-1.75	21.54	<=30	Pass
			7	23.24	-1.75	21.49	<=30	Pass
			14	23.32	-1.75	21.57	<=30	Pass
		8	0	22.24	-1.75	20.49	<=30	Pass
			4	22.10	-1.75	20.35	<=30	Pass
			7	22.24	-1.75	20.49	<=30	Pass
		15	0	22.19	-1.75	20.44	<=30	Pass
	1732.5	1	0	22.93	-1.75	21.18	<=30	Pass
			7	23.08	-1.75	21.33	<=30	Pass
			14	23.13	-1.75	21.38	<=30	Pass
		8	0	21.87	-1.75	20.12	<=30	Pass
			4	21.86	-1.75	20.11	<=30	Pass
			7	21.89	-1.75	20.14	<=30	Pass
		15	0	21.80	-1.75	20.05	<=30	Pass
	1753.5	1	0	22.69	-1.75	20.94	<=30	Pass
			7	22.72	-1.75	20.97	<=30	Pass
			14	22.82	-1.75	21.07	<=30	Pass
		8	0	21.61	-1.75	19.86	<=30	Pass
			4	21.60	-1.75	19.85	<=30	Pass
			7	21.62	-1.75	19.87	<=30	Pass
		15	0	21.60	-1.75	19.85	<=30	Pass
64QAM	1711.5	1	0	22.34	-1.75	20.59	<=30	Pass
			7	22.32	-1.75	20.57	<=30	Pass
			14	22.23	-1.75	20.48	<=30	Pass
		8	0	21.29	-1.75	19.54	<=30	Pass
			4	21.32	-1.75	19.57	<=30	Pass
			7	21.29	-1.75	19.54	<=30	Pass
		15	0	21.25	-1.75	19.50	<=30	Pass
	1732.5	1	0	21.88	-1.75	20.13	<=30	Pass
			7	22.06	-1.75	20.31	<=30	Pass
			14	21.89	-1.75	20.14	<=30	Pass
		8	0	20.93	-1.75	19.18	<=30	Pass
			4	20.98	-1.75	19.23	<=30	Pass
			7	20.96	-1.75	19.21	<=30	Pass
		15	0	20.89	-1.75	19.14	<=30	Pass
	1753.5	1	0	21.74	-1.75	19.99	<=30	Pass
			7	21.88	-1.75	20.13	<=30	Pass
			14	21.71	-1.75	19.96	<=30	Pass
		8	0	20.91	-1.75	19.16	<=30	Pass
			4	20.88	-1.75	19.13	<=30	Pass
			7	20.81	-1.75	19.06	<=30	Pass
		15	0	20.79	-1.75	19.04	<=30	Pass
256QAM	1711.5	1	0	19.26	-1.75	17.51	<=30	Pass
			7	19.24	-1.75	17.49	<=30	Pass
			14	19.30	-1.75	17.55	<=30	Pass
		8	0	19.25	-1.75	17.50	<=30	Pass
			4	19.24	-1.75	17.49	<=30	Pass
			7	19.24	-1.75	17.49	<=30	Pass
		15	0	19.23	-1.75	17.48	<=30	Pass
	1732.5	1	0	18.92	-1.75	17.17	<=30	Pass
			7	18.90	-1.75	17.15	<=30	Pass
			14	18.99	-1.75	17.24	<=30	Pass
		8	0	18.88	-1.75	17.13	<=30	Pass

			4	18.88	-1.75	17.13	<=30	Pass
			7	18.91	-1.75	17.16	<=30	Pass
		15	0	18.85	-1.75	17.10	<=30	Pass
	1753.5	1	0	18.90	-1.75	17.15	<=30	Pass
			7	18.94	-1.75	17.19	<=30	Pass
			14	18.87	-1.75	17.12	<=30	Pass
		8	0	18.83	-1.75	17.08	<=30	Pass
			4	18.77	-1.75	17.02	<=30	Pass
			7	18.73	-1.75	16.98	<=30	Pass
		15	0	18.78	-1.75	17.03	<=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	24.10	-1.75	22.35	<=30	Pass
			13	24.27	-1.75	22.52	<=30	Pass
			24	24.22	-1.75	22.47	<=30	Pass
		12	0	23.16	-1.75	21.41	<=30	Pass
			6	23.24	-1.75	21.49	<=30	Pass
			13	23.20	-1.75	21.45	<=30	Pass
		25	0	23.24	-1.75	21.49	<=30	Pass
	1732.5	1	0	23.80	-1.75	22.05	<=30	Pass
			13	23.80	-1.75	22.05	<=30	Pass
			24	23.73	-1.75	21.98	<=30	Pass
		12	0	22.86	-1.75	21.11	<=30	Pass
			6	22.81	-1.75	21.06	<=30	Pass
			13	22.83	-1.75	21.08	<=30	Pass
		25	0	22.88	-1.75	21.13	<=30	Pass
	1752.5	1	0	23.52	-1.75	21.77	<=30	Pass
			13	23.48	-1.75	21.73	<=30	Pass
			24	23.61	-1.75	21.86	<=30	Pass
		12	0	22.69	-1.75	20.94	<=30	Pass
			6	22.67	-1.75	20.92	<=30	Pass
			13	22.64	-1.75	20.89	<=30	Pass
		25	0	22.68	-1.75	20.93	<=30	Pass
16QAM	1712.5	1	0	23.42	-1.75	21.67	<=30	Pass
			13	23.31	-1.75	21.56	<=30	Pass
			24	23.32	-1.75	21.57	<=30	Pass
		12	0	22.09	-1.75	20.34	<=30	Pass
			6	22.12	-1.75	20.37	<=30	Pass
			13	22.15	-1.75	20.40	<=30	Pass
		25	0	22.26	-1.75	20.51	<=30	Pass
	1732.5	1	0	23.10	-1.75	21.35	<=30	Pass
			13	23.20	-1.75	21.45	<=30	Pass
			24	22.96	-1.75	21.21	<=30	Pass
		12	0	21.86	-1.75	20.11	<=30	Pass
			6	21.84	-1.75	20.09	<=30	Pass
			13	21.86	-1.75	20.11	<=30	Pass
		25	0	21.90	-1.75	20.15	<=30	Pass
	1752.5	1	0	22.52	-1.75	20.77	<=30	Pass
			13	22.86	-1.75	21.11	<=30	Pass
			24	22.79	-1.75	21.04	<=30	Pass
		12	0	21.67	-1.75	19.92	<=30	Pass
			6	21.71	-1.75	19.96	<=30	Pass

			13	21.66	-1.75	19.91	<=30	Pass	
		25	0	21.72	-1.75	19.97	<=30	Pass	
64QAM	1712.5	1	0	22.29	-1.75	20.54	<=30	Pass	
			13	22.18	-1.75	20.43	<=30	Pass	
			24	22.24	-1.75	20.49	<=30	Pass	
			0	21.30	-1.75	19.55	<=30	Pass	
		12	6	21.32	-1.75	19.57	<=30	Pass	
			13	21.31	-1.75	19.56	<=30	Pass	
			25	0	21.23	-1.75	19.48	<=30	Pass
		1732.5	1	0	22.00	-1.75	20.25	<=30	Pass
				13	21.98	-1.75	20.23	<=30	Pass
				24	21.94	-1.75	20.19	<=30	Pass
	0			20.96	-1.75	19.21	<=30	Pass	
	12		6	20.95	-1.75	19.20	<=30	Pass	
			13	20.98	-1.75	19.23	<=30	Pass	
			25	0	20.95	-1.75	19.20	<=30	Pass
	1752.5		1	0	21.72	-1.75	19.97	<=30	Pass
		13		21.70	-1.75	19.95	<=30	Pass	
		24		21.71	-1.75	19.96	<=30	Pass	
		0		20.91	-1.75	19.16	<=30	Pass	
		12	6	20.94	-1.75	19.19	<=30	Pass	
			13	20.84	-1.75	19.09	<=30	Pass	
			25	0	20.86	-1.75	19.11	<=30	Pass
		256QAM	1712.5	1	0	19.37	-1.75	17.62	<=30
13	19.33				-1.75	17.58	<=30	Pass	
24	19.30				-1.75	17.55	<=30	Pass	
12	0			19.18	-1.75	17.43	<=30	Pass	
	6			19.25	-1.75	17.50	<=30	Pass	
	13			19.23	-1.75	17.48	<=30	Pass	
25	0			19.24	-1.75	17.49	<=30	Pass	
1732.5	1			0	19.04	-1.75	17.29	<=30	Pass
			13	19.01	-1.75	17.26	<=30	Pass	
			24	19.11	-1.75	17.36	<=30	Pass	
			0	18.91	-1.75	17.16	<=30	Pass	
	12		6	18.89	-1.75	17.14	<=30	Pass	
			13	18.90	-1.75	17.15	<=30	Pass	
			25	0	18.90	-1.75	17.15	<=30	Pass
	1752.5		1	0	18.90	-1.75	17.15	<=30	Pass
13				18.93	-1.75	17.18	<=30	Pass	
24				18.91	-1.75	17.16	<=30	Pass	
0				18.83	-1.75	17.08	<=30	Pass	
12			6	18.88	-1.75	17.13	<=30	Pass	
			13	18.79	-1.75	17.04	<=30	Pass	
			25	0	18.88	-1.75	17.13	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.23	-1.75	22.48	<=30	Pass
			25	24.07	-1.75	22.32	<=30	Pass
			49	24.13	-1.75	22.38	<=30	Pass
		25	0	23.19	-1.75	21.44	<=30	Pass
			13	23.16	-1.75	21.41	<=30	Pass
			25	23.11	-1.75	21.36	<=30	Pass

		50	0	23.11	-1.75	21.36	<=30	Pass	
	1732.5	1	0	23.96	-1.75	22.21	<=30	Pass	
			25	23.81	-1.75	22.06	<=30	Pass	
			49	23.90	-1.75	22.15	<=30	Pass	
			0	22.92	-1.75	21.17	<=30	Pass	
		25	13	22.91	-1.75	21.16	<=30	Pass	
			25	22.88	-1.75	21.13	<=30	Pass	
	1750	50	0	22.91	-1.75	21.16	<=30	Pass	
		1	0	23.63	-1.75	21.88	<=30	Pass	
			25	23.57	-1.75	21.82	<=30	Pass	
			49	23.73	-1.75	21.98	<=30	Pass	
		25	0	22.67	-1.75	20.92	<=30	Pass	
			13	22.66	-1.75	20.91	<=30	Pass	
			25	22.67	-1.75	20.92	<=30	Pass	
		50	0	22.64	-1.75	20.89	<=30	Pass	
		16QAM	1715	1	0	23.29	-1.75	21.54	<=30
25					23.10	-1.75	21.35	<=30	Pass
49	23.27				-1.75	21.52	<=30	Pass	
25	0			22.19	-1.75	20.44	<=30	Pass	
	13			22.16	-1.75	20.41	<=30	Pass	
	25			22.11	-1.75	20.36	<=30	Pass	
50	0		22.11	-1.75	20.36	<=30	Pass		
1732.5	1		0	23.16	-1.75	21.41	<=30	Pass	
			25	23.04	-1.75	21.29	<=30	Pass	
			49	22.91	-1.75	21.16	<=30	Pass	
	25		0	21.93	-1.75	20.18	<=30	Pass	
			13	21.86	-1.75	20.11	<=30	Pass	
			25	21.89	-1.75	20.14	<=30	Pass	
50	0		21.88	-1.75	20.13	<=30	Pass		
1750	1		0	22.67	-1.75	20.92	<=30	Pass	
			25	22.68	-1.75	20.93	<=30	Pass	
			49	22.85	-1.75	21.10	<=30	Pass	
	25		0	21.74	-1.75	19.99	<=30	Pass	
			13	21.68	-1.75	19.93	<=30	Pass	
			25	21.68	-1.75	19.93	<=30	Pass	
	50		0	21.64	-1.75	19.89	<=30	Pass	
	64QAM		1715	1	0	22.29	-1.75	20.54	<=30
25					22.17	-1.75	20.42	<=30	Pass
49					22.29	-1.75	20.54	<=30	Pass
25		0		21.22	-1.75	19.47	<=30	Pass	
		13		21.19	-1.75	19.44	<=30	Pass	
		25		21.10	-1.75	19.35	<=30	Pass	
50		0	21.15	-1.75	19.40	<=30	Pass		
1732.5		1	0	22.01	-1.75	20.26	<=30	Pass	
			25	22.02	-1.75	20.27	<=30	Pass	
			49	22.06	-1.75	20.31	<=30	Pass	
		25	0	20.99	-1.75	19.24	<=30	Pass	
			13	20.97	-1.75	19.22	<=30	Pass	
			25	20.97	-1.75	19.22	<=30	Pass	
50		0	20.95	-1.75	19.20	<=30	Pass		
1750		1	0	21.64	-1.75	19.89	<=30	Pass	
			25	21.73	-1.75	19.98	<=30	Pass	
			49	21.90	-1.75	20.15	<=30	Pass	
		25	0	20.84	-1.75	19.09	<=30	Pass	
			13	20.86	-1.75	19.11	<=30	Pass	
			25	20.84	-1.75	19.09	<=30	Pass	
		50	0	20.83	-1.75	19.08	<=30	Pass	
		256QAM	1715	1	0	19.41	-1.75	17.66	<=30
25					19.26	-1.75	17.51	<=30	Pass

			49	19.18	-1.75	17.43	<=30	Pass
		25	0	19.18	-1.75	17.43	<=30	Pass
			13	19.15	-1.75	17.40	<=30	Pass
			25	19.10	-1.75	17.35	<=30	Pass
		50	0	19.10	-1.75	17.35	<=30	Pass
	1732.5	1	0	19.09	-1.75	17.34	<=30	Pass
			25	19.14	-1.75	17.39	<=30	Pass
			49	19.09	-1.75	17.34	<=30	Pass
		25	0	18.96	-1.75	17.21	<=30	Pass
			13	18.91	-1.75	17.16	<=30	Pass
			25	18.96	-1.75	17.21	<=30	Pass
		50	0	18.95	-1.75	17.20	<=30	Pass
	1750	1	0	18.95	-1.75	17.20	<=30	Pass
			25	18.88	-1.75	17.13	<=30	Pass
			49	19.00	-1.75	17.25	<=30	Pass
		25	0	18.81	-1.75	17.06	<=30	Pass
			13	18.83	-1.75	17.08	<=30	Pass
			25	18.79	-1.75	17.04	<=30	Pass
		50	0	18.80	-1.75	17.05	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	24.25	-1.75	22.50	<=30	Pass
			38	24.24	-1.75	22.49	<=30	Pass
			74	24.07	-1.75	22.32	<=30	Pass
		36	0	23.14	-1.75	21.39	<=30	Pass
			18	23.07	-1.75	21.32	<=30	Pass
			39	23.00	-1.75	21.25	<=30	Pass
		75	0	23.15	-1.75	21.40	<=30	Pass
	1732.5	1	0	23.88	-1.75	22.13	<=30	Pass
			38	23.81	-1.75	22.06	<=30	Pass
			74	23.76	-1.75	22.01	<=30	Pass
		36	0	22.90	-1.75	21.15	<=30	Pass
			18	22.84	-1.75	21.09	<=30	Pass
			39	22.88	-1.75	21.13	<=30	Pass
		75	0	22.94	-1.75	21.19	<=30	Pass
	1747.5	1	0	23.67	-1.75	21.92	<=30	Pass
			38	23.53	-1.75	21.78	<=30	Pass
			74	23.61	-1.75	21.86	<=30	Pass
		36	0	22.69	-1.75	20.94	<=30	Pass
			18	22.70	-1.75	20.95	<=30	Pass
			39	22.71	-1.75	20.96	<=30	Pass
		75	0	22.69	-1.75	20.94	<=30	Pass
16QAM	1717.5	1	0	23.29	-1.75	21.54	<=30	Pass
			38	23.19	-1.75	21.44	<=30	Pass
			74	23.34	-1.75	21.59	<=30	Pass
		36	0	22.15	-1.75	20.40	<=30	Pass
			18	22.07	-1.75	20.32	<=30	Pass
			39	21.99	-1.75	20.24	<=30	Pass
		75	0	22.16	-1.75	20.41	<=30	Pass
	1732.5	1	0	23.17	-1.75	21.42	<=30	Pass
			38	23.07	-1.75	21.32	<=30	Pass
			74	23.01	-1.75	21.26	<=30	Pass

		36	0	21.90	-1.75	20.15	<=30	Pass
			18	21.83	-1.75	20.08	<=30	Pass
			39	21.86	-1.75	20.11	<=30	Pass
		75	0	21.97	-1.75	20.22	<=30	Pass
	1747.5	1	0	22.89	-1.75	21.14	<=30	Pass
			38	22.76	-1.75	21.01	<=30	Pass
			74	22.81	-1.75	21.06	<=30	Pass
		36	0	21.72	-1.75	19.97	<=30	Pass
			18	21.71	-1.75	19.96	<=30	Pass
			39	21.70	-1.75	19.95	<=30	Pass
		75	0	21.71	-1.75	19.96	<=30	Pass
64QAM	1717.5	1	0	22.37	-1.75	20.62	<=30	Pass
			38	22.33	-1.75	20.58	<=30	Pass
			74	22.19	-1.75	20.44	<=30	Pass
		36	0	21.22	-1.75	19.47	<=30	Pass
			18	21.14	-1.75	19.39	<=30	Pass
			39	21.03	-1.75	19.28	<=30	Pass
		75	0	21.15	-1.75	19.40	<=30	Pass
	1732.5	1	0	22.06	-1.75	20.31	<=30	Pass
			38	21.99	-1.75	20.24	<=30	Pass
			74	21.99	-1.75	20.24	<=30	Pass
		36	0	20.98	-1.75	19.23	<=30	Pass
			18	21.00	-1.75	19.25	<=30	Pass
			39	21.00	-1.75	19.25	<=30	Pass
		75	0	21.01	-1.75	19.26	<=30	Pass
	1747.5	1	0	21.89	-1.75	20.14	<=30	Pass
			38	21.87	-1.75	20.12	<=30	Pass
			74	21.91	-1.75	20.16	<=30	Pass
		36	0	20.85	-1.75	19.10	<=30	Pass
			18	20.90	-1.75	19.15	<=30	Pass
			39	20.93	-1.75	19.18	<=30	Pass
		75	0	20.85	-1.75	19.10	<=30	Pass
256QAM	1717.5	1	0	19.32	-1.75	17.57	<=30	Pass
			38	19.24	-1.75	17.49	<=30	Pass
			74	19.21	-1.75	17.46	<=30	Pass
		36	0	19.15	-1.75	17.40	<=30	Pass
			18	19.09	-1.75	17.34	<=30	Pass
			39	18.97	-1.75	17.22	<=30	Pass
		75	0	19.13	-1.75	17.38	<=30	Pass
	1732.5	1	0	18.91	-1.75	17.16	<=30	Pass
			38	19.10	-1.75	17.35	<=30	Pass
			74	19.10	-1.75	17.35	<=30	Pass
		36	0	18.92	-1.75	17.17	<=30	Pass
			18	18.93	-1.75	17.18	<=30	Pass
			39	18.94	-1.75	17.19	<=30	Pass
		75	0	18.98	-1.75	17.23	<=30	Pass
	1747.5	1	0	19.05	-1.75	17.30	<=30	Pass
			38	18.84	-1.75	17.09	<=30	Pass
			74	19.03	-1.75	17.28	<=30	Pass
		36	0	18.83	-1.75	17.08	<=30	Pass
			18	18.89	-1.75	17.14	<=30	Pass
			39	18.88	-1.75	17.13	<=30	Pass
		75	0	18.85	-1.75	17.10	<=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	24.25	-1.75	22.50	<=30	Pass
			50	24.03	-1.75	22.28	<=30	Pass
			99	23.99	-1.75	22.24	<=30	Pass
		50	0	23.15	-1.75	21.40	<=30	Pass
			25	23.11	-1.75	21.36	<=30	Pass
			50	22.91	-1.75	21.16	<=30	Pass
		100	0	23.05	-1.75	21.30	<=30	Pass
	1732.5	1	0	23.88	-1.75	22.13	<=30	Pass
			50	23.94	-1.75	22.19	<=30	Pass
			99	23.74	-1.75	21.99	<=30	Pass
		50	0	22.97	-1.75	21.22	<=30	Pass
			25	22.96	-1.75	21.21	<=30	Pass
			50	22.93	-1.75	21.18	<=30	Pass
		100	0	23.00	-1.75	21.25	<=30	Pass
	1745	1	0	23.71	-1.75	21.96	<=30	Pass
			50	23.58	-1.75	21.83	<=30	Pass
			99	23.67	-1.75	21.92	<=30	Pass
		50	0	22.73	-1.75	20.98	<=30	Pass
			25	22.78	-1.75	21.03	<=30	Pass
			50	22.79	-1.75	21.04	<=30	Pass
		100	0	22.70	-1.75	20.95	<=30	Pass
16QAM	1720	1	0	23.22	-1.75	21.47	<=30	Pass
			50	23.26	-1.75	21.51	<=30	Pass
			99	23.26	-1.75	21.51	<=30	Pass
		50	0	22.14	-1.75	20.39	<=30	Pass
			25	22.09	-1.75	20.34	<=30	Pass
			50	21.98	-1.75	20.23	<=30	Pass
		100	0	22.04	-1.75	20.29	<=30	Pass
	1732.5	1	0	23.11	-1.75	21.36	<=30	Pass
			50	23.09	-1.75	21.34	<=30	Pass
			99	22.91	-1.75	21.16	<=30	Pass
		50	0	21.96	-1.75	20.21	<=30	Pass
			25	21.92	-1.75	20.17	<=30	Pass
			50	21.95	-1.75	20.20	<=30	Pass
		100	0	22.00	-1.75	20.25	<=30	Pass
	1745	1	0	22.96	-1.75	21.21	<=30	Pass
			50	22.66	-1.75	20.91	<=30	Pass
			99	22.73	-1.75	20.98	<=30	Pass
		50	0	21.72	-1.75	19.97	<=30	Pass
			25	21.80	-1.75	20.05	<=30	Pass
			50	21.76	-1.75	20.01	<=30	Pass
		100	0	21.71	-1.75	19.96	<=30	Pass
64QAM	1720	1	0	22.28	-1.75	20.53	<=30	Pass
			50	22.18	-1.75	20.43	<=30	Pass
			99	22.07	-1.75	20.32	<=30	Pass
		50	0	21.14	-1.75	19.39	<=30	Pass
			25	21.13	-1.75	19.38	<=30	Pass
			50	20.98	-1.75	19.23	<=30	Pass
		100	0	21.04	-1.75	19.29	<=30	Pass
	1732.5	1	0	22.09	-1.75	20.34	<=30	Pass
			50	22.04	-1.75	20.29	<=30	Pass
			99	21.91	-1.75	20.16	<=30	Pass
		50	0	21.02	-1.75	19.27	<=30	Pass
			25	20.98	-1.75	19.23	<=30	Pass
			50	21.00	-1.75	19.25	<=30	Pass
		100	0	21.00	-1.75	19.25	<=30	Pass

	1745	1	0	21.86	-1.75	20.11	<=30	Pass		
			50	21.88	-1.75	20.13	<=30	Pass		
			99	21.91	-1.75	20.16	<=30	Pass		
		50	0	20.82	-1.75	19.07	<=30	Pass		
			25	20.90	-1.75	19.15	<=30	Pass		
			50	20.95	-1.75	19.20	<=30	Pass		
		100	0	20.93	-1.75	19.18	<=30	Pass		
		256QAM	1720	1	0	19.34	-1.75	17.59	<=30	Pass
					50	19.10	-1.75	17.35	<=30	Pass
99	19.10				-1.75	17.35	<=30	Pass		
50	0			19.13	-1.75	17.38	<=30	Pass		
	25			19.09	-1.75	17.34	<=30	Pass		
	50			18.94	-1.75	17.19	<=30	Pass		
100	0			19.07	-1.75	17.32	<=30	Pass		
1732.5	1			0	19.10	-1.75	17.35	<=30	Pass	
				50	19.08	-1.75	17.33	<=30	Pass	
			99	19.07	-1.75	17.32	<=30	Pass		
	50		0	18.98	-1.75	17.23	<=30	Pass		
			25	18.95	-1.75	17.20	<=30	Pass		
			50	18.98	-1.75	17.23	<=30	Pass		
100	0		18.99	-1.75	17.24	<=30	Pass			
1745	1		0	18.99	-1.75	17.24	<=30	Pass		
			50	18.94	-1.75	17.19	<=30	Pass		
			99	19.02	-1.75	17.27	<=30	Pass		
	50		0	18.73	-1.75	16.98	<=30	Pass		
		25	18.96	-1.75	17.21	<=30	Pass			
		50	18.91	-1.75	17.16	<=30	Pass			
	100	0	18.86	-1.75	17.11	<=30	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 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	1732.5	50	0	20	3.7	-12.302	-0.0071	-2.5 to 2.5	Pass
					3.91	-1.373	-0.0008	-2.5 to 2.5	Pass
					4.3	-1.845	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-0.873	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	-2.861	-0.0017	-2.5 to 2.5	Pass
				-10	3.91	-1.931	-0.0011	-2.5 to 2.5	Pass
				0	3.91	0.472	0.0003	-2.5 to 2.5	Pass
				10	3.91	-3.176	-0.0018	-2.5 to 2.5	Pass
				30	3.91	-0.887	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-4.749	-0.0027	-2.5 to 2.5	Pass
				50	3.91	-1.802	-0.0010	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

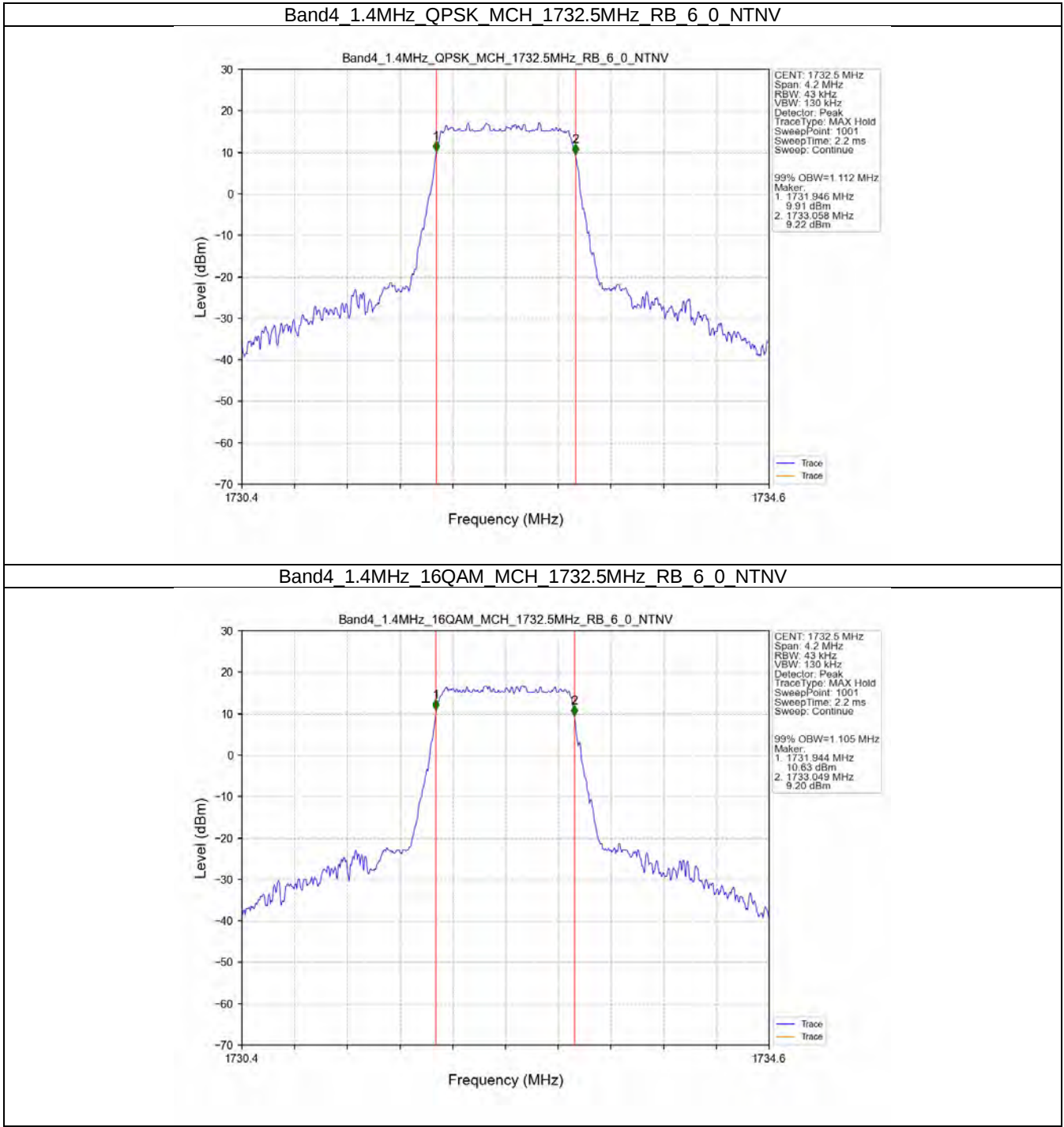
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.112	/	Pass
	16QAM	1732.5	6	0	1.105	/	Pass
3	QPSK	1732.5	15	0	2.732	/	Pass
	16QAM	1732.5	15	0	2.741	/	Pass
5	QPSK	1732.5	25	0	4.547	/	Pass
	16QAM	1732.5	25	0	4.546	/	Pass
10	QPSK	1732.5	50	0	9.065	/	Pass
	16QAM	1732.5	50	0	9.041	/	Pass
15	QPSK	1732.5	75	0	13.546	/	Pass
	16QAM	1732.5	75	0	13.583	/	Pass
20	QPSK	1732.5	100	0	18.050	/	Pass
	16QAM	1732.5	100	0	18.071	/	Pass

3.1.2 Band4_XDB

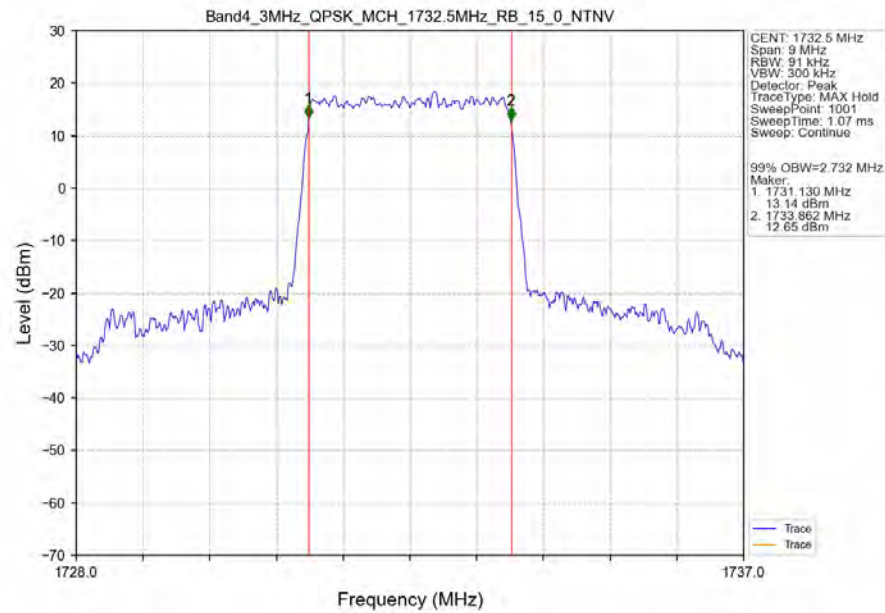
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.317	/	Pass
	16QAM	1732.5	6	0	1.326	/	Pass
3	QPSK	1732.5	15	0	3.012	/	Pass
	16QAM	1732.5	15	0	3.028	/	Pass
5	QPSK	1732.5	25	0	5.087	/	Pass
	16QAM	1732.5	25	0	5.029	/	Pass
10	QPSK	1732.5	50	0	10.061	/	Pass
	16QAM	1732.5	50	0	9.998	/	Pass
15	QPSK	1732.5	75	0	14.916	/	Pass
	16QAM	1732.5	75	0	15.011	/	Pass
20	QPSK	1732.5	100	0	19.674	/	Pass
	16QAM	1732.5	100	0	19.699	/	Pass

3.2 Test Graph

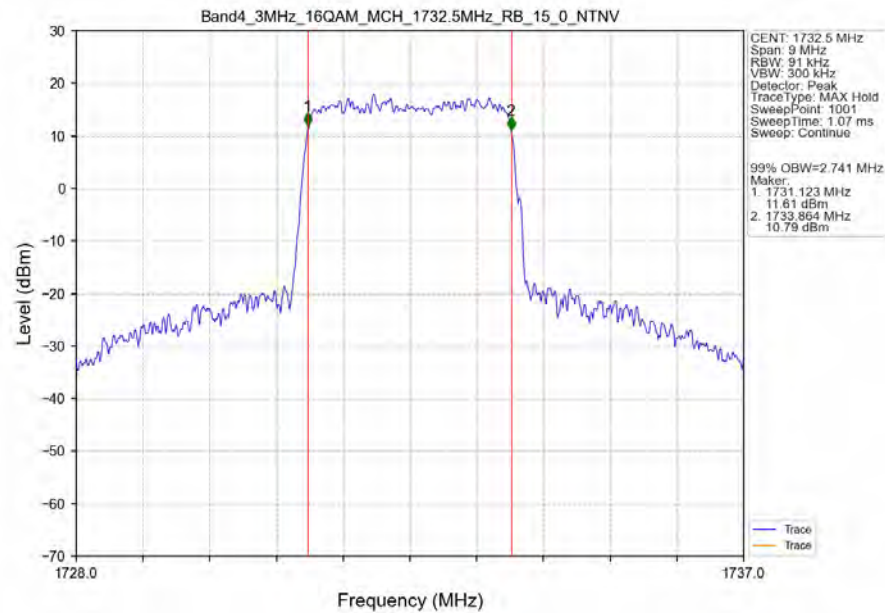
3.2.1 Band4_OBW



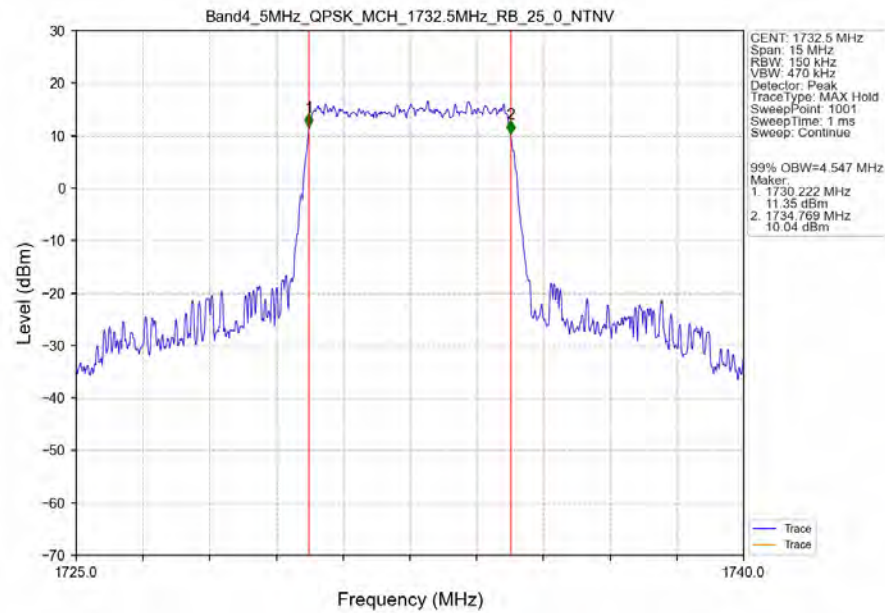
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



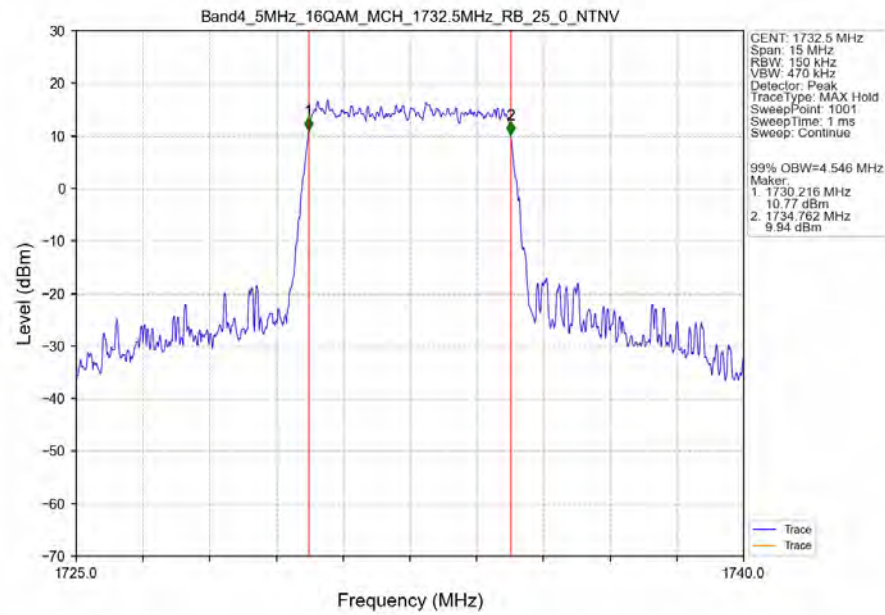
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



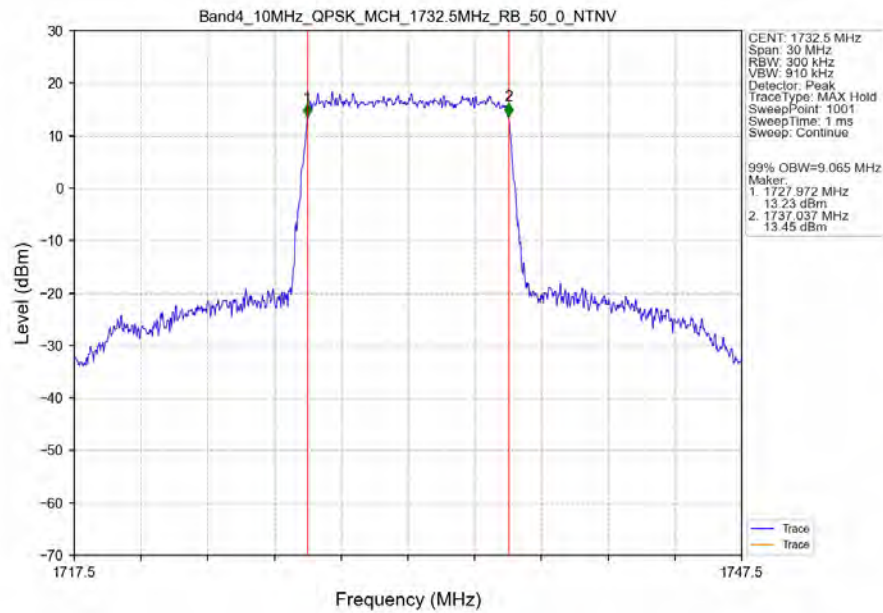
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



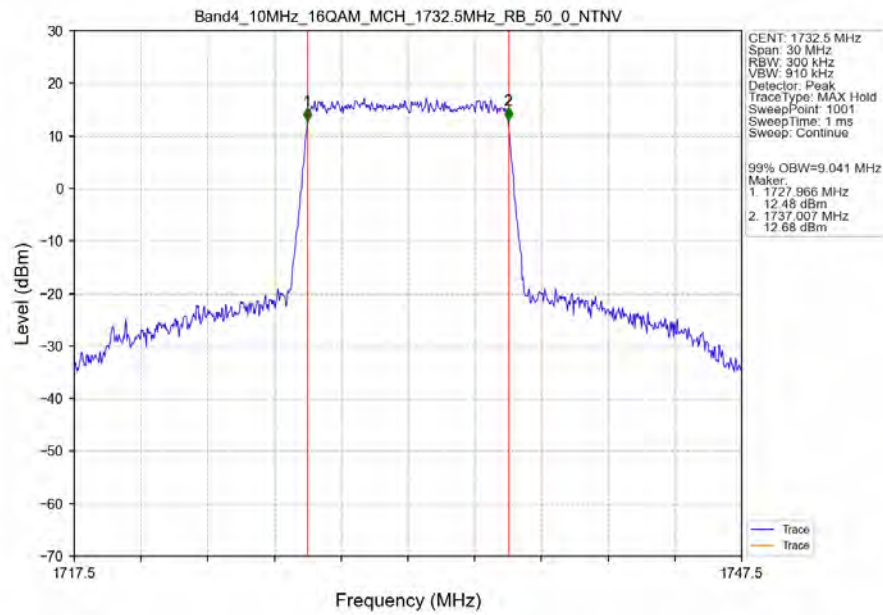
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



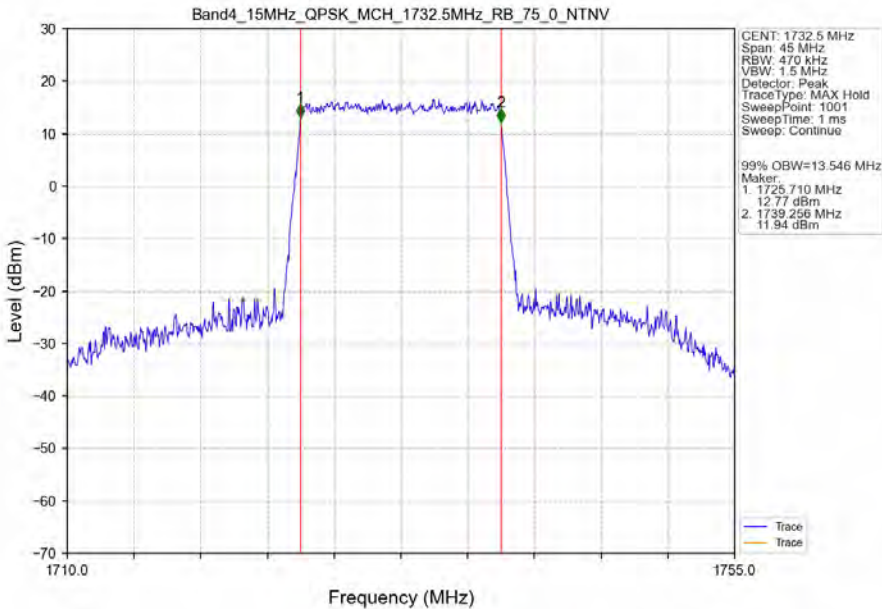
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



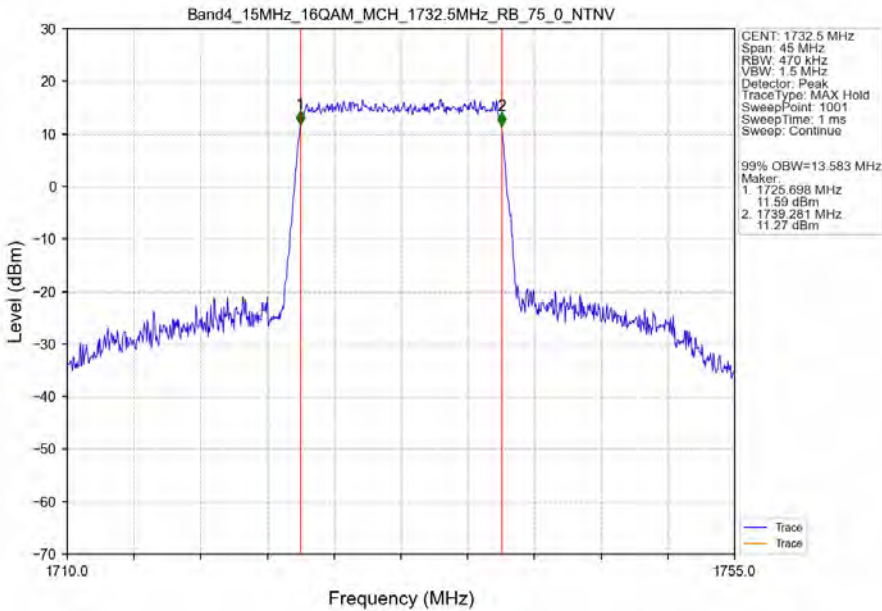
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



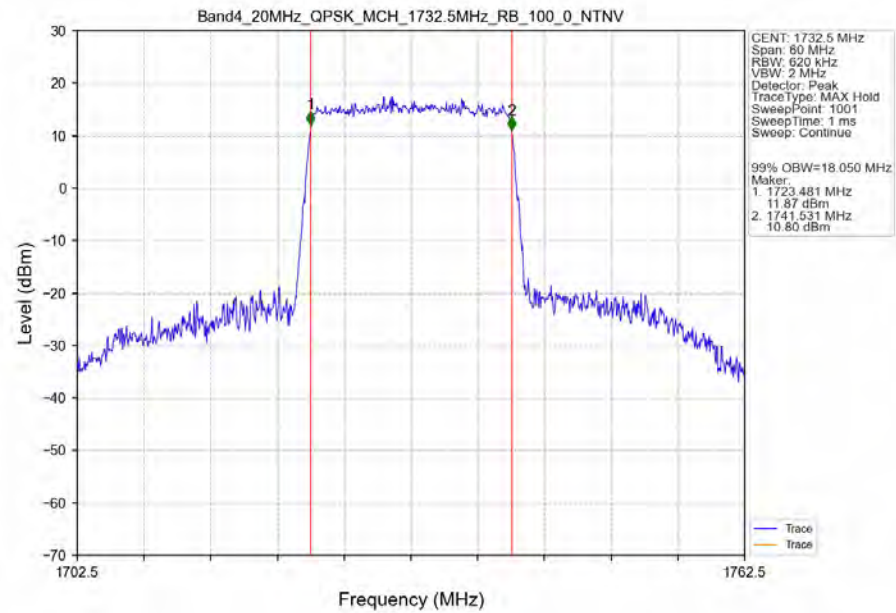
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



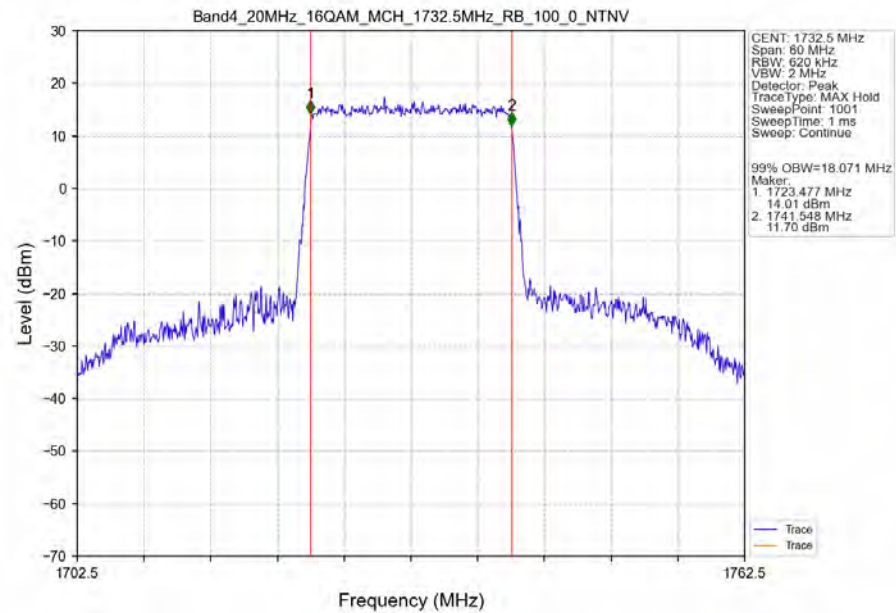
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



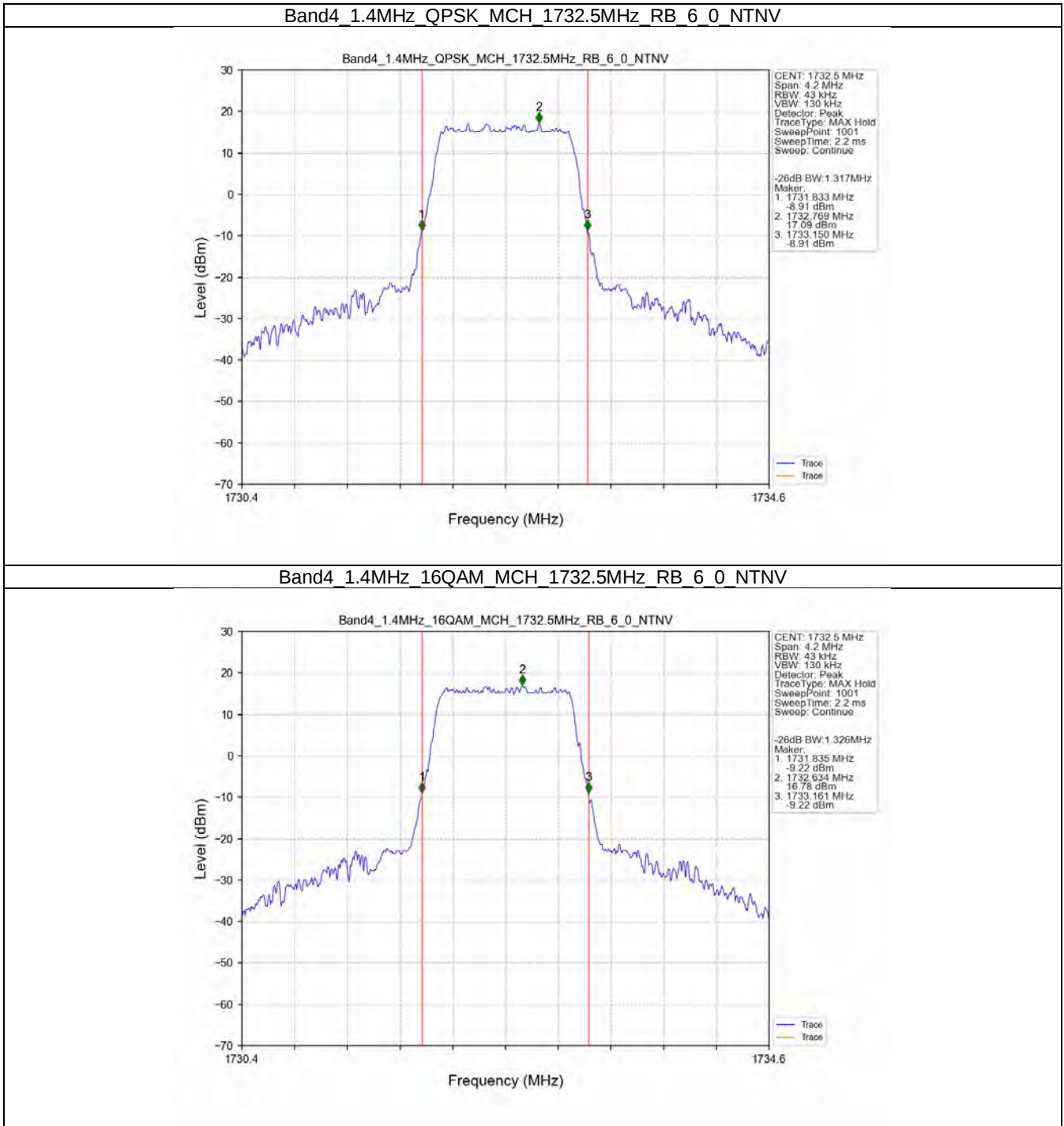
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



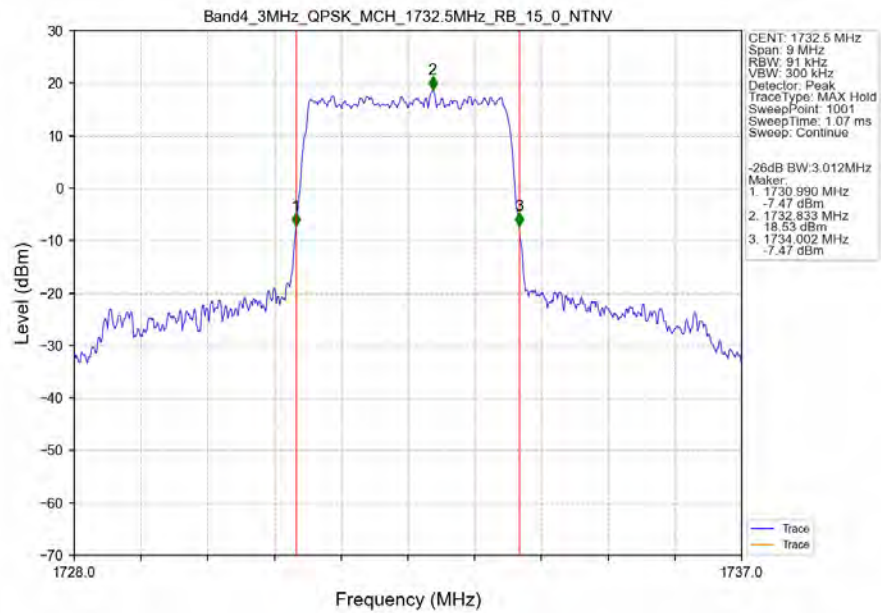
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



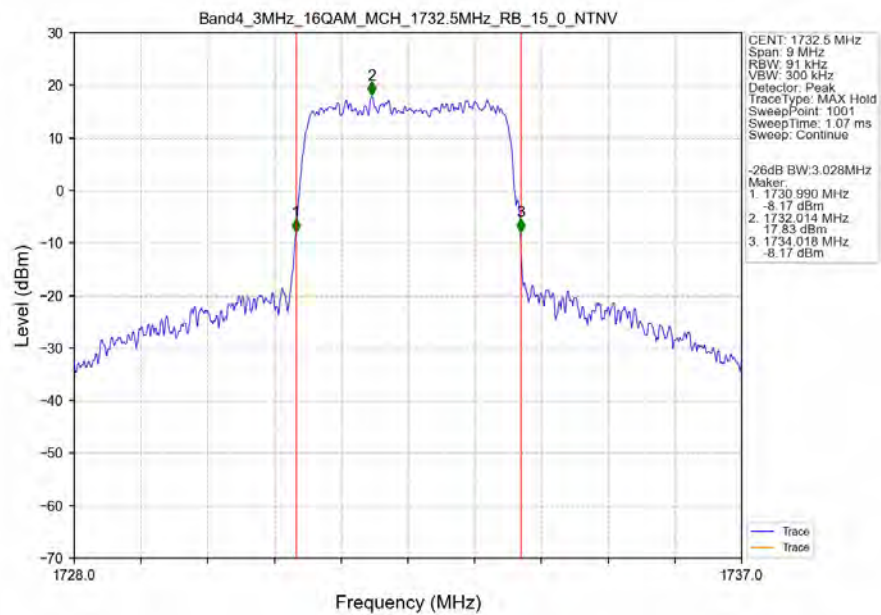
3.2.2 Band4_XDB



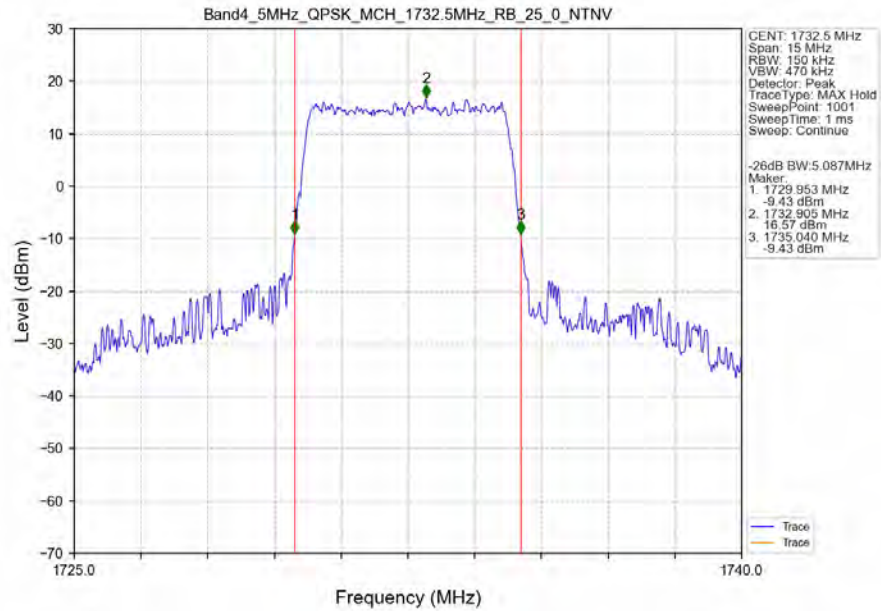
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



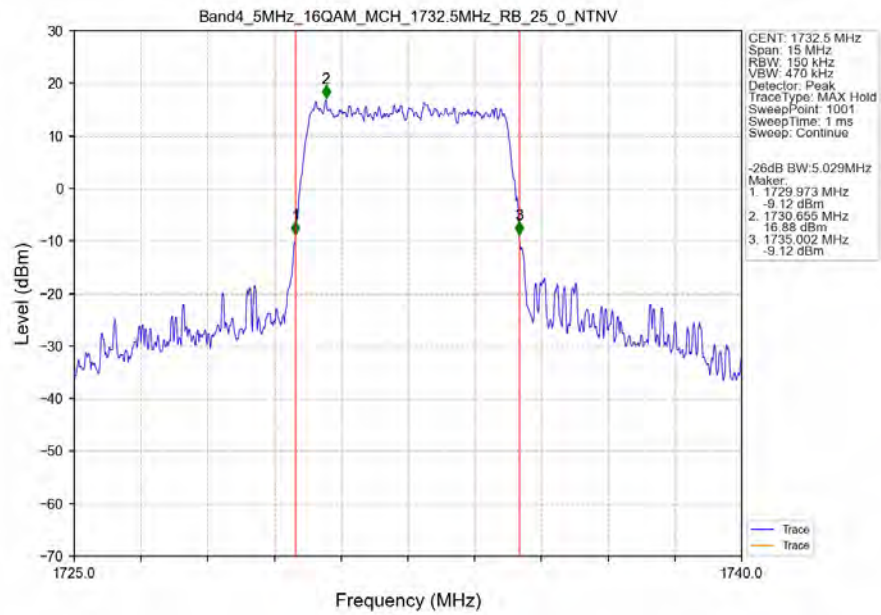
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



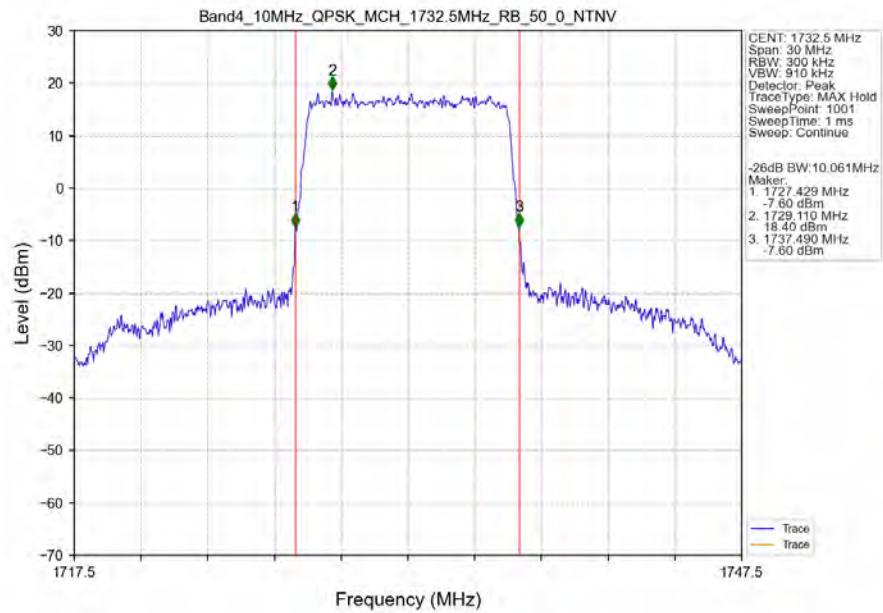
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



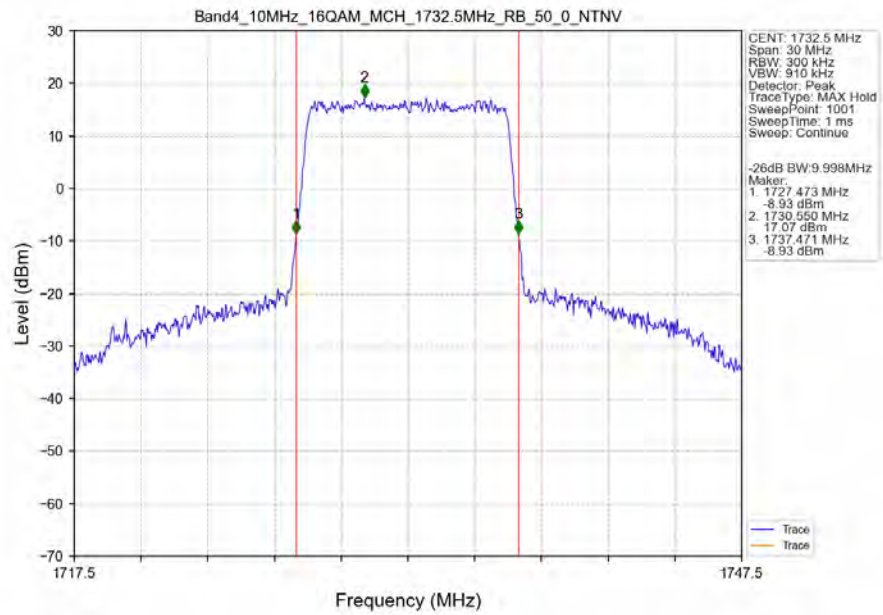
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



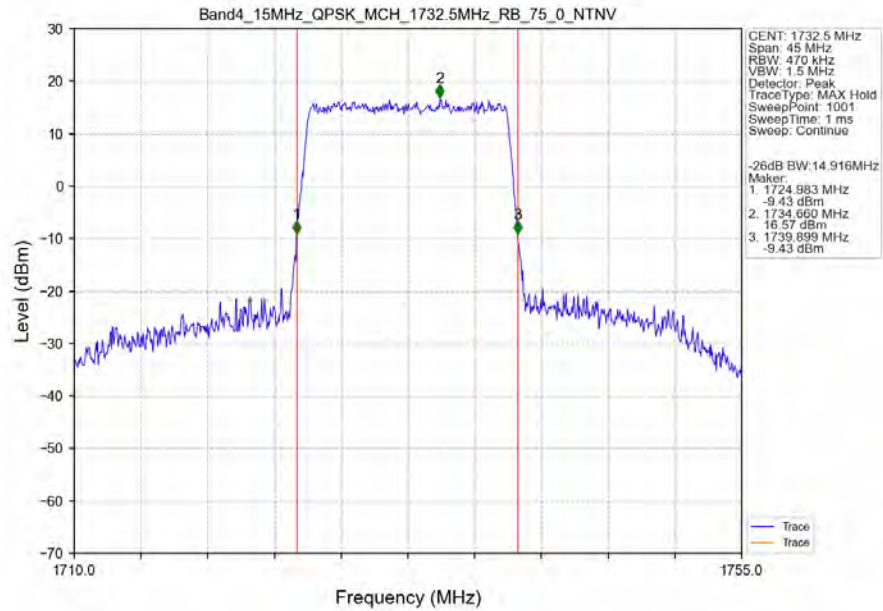
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



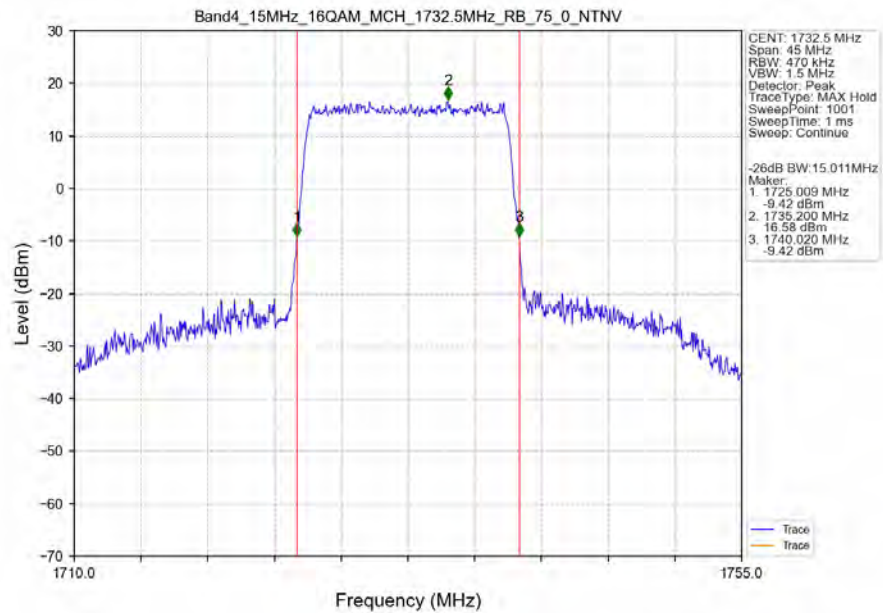
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



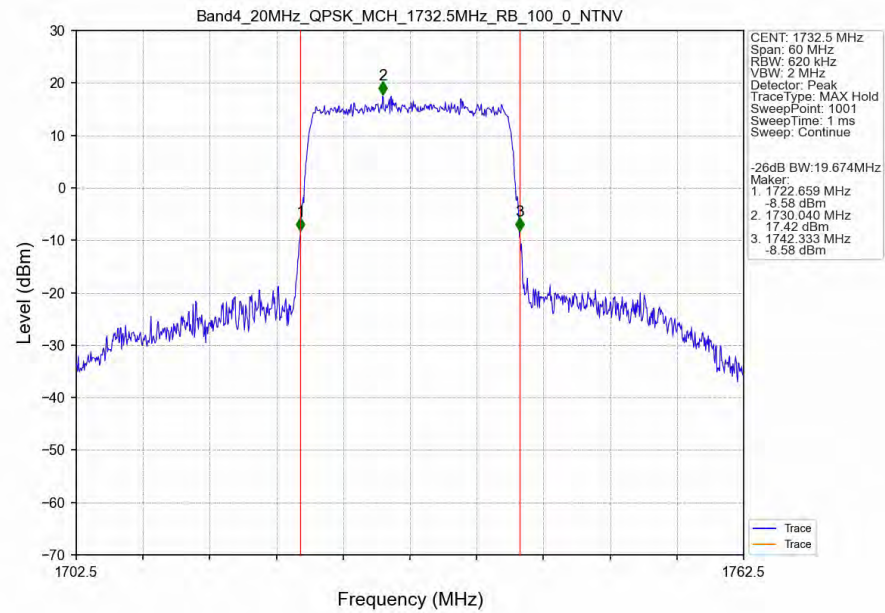
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



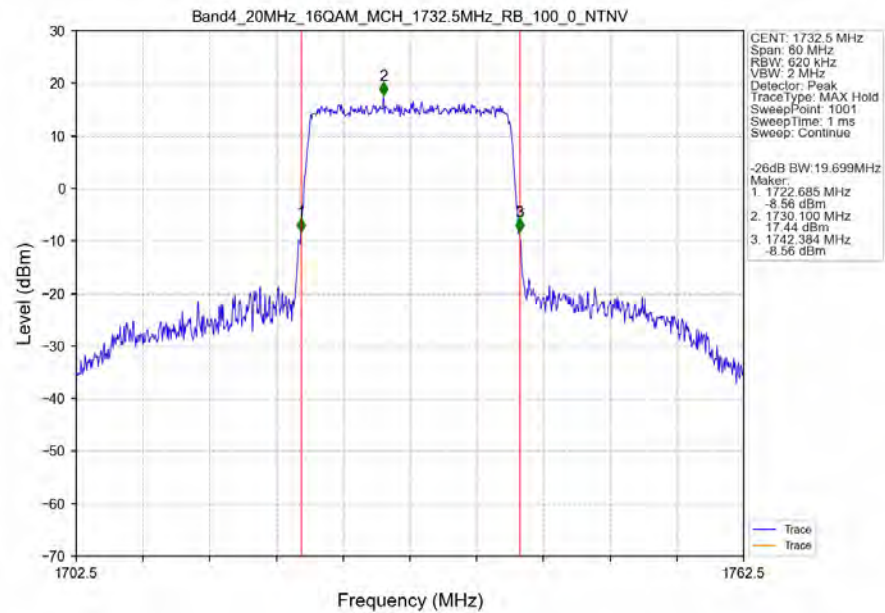
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



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



4. Peak-Average Ratio

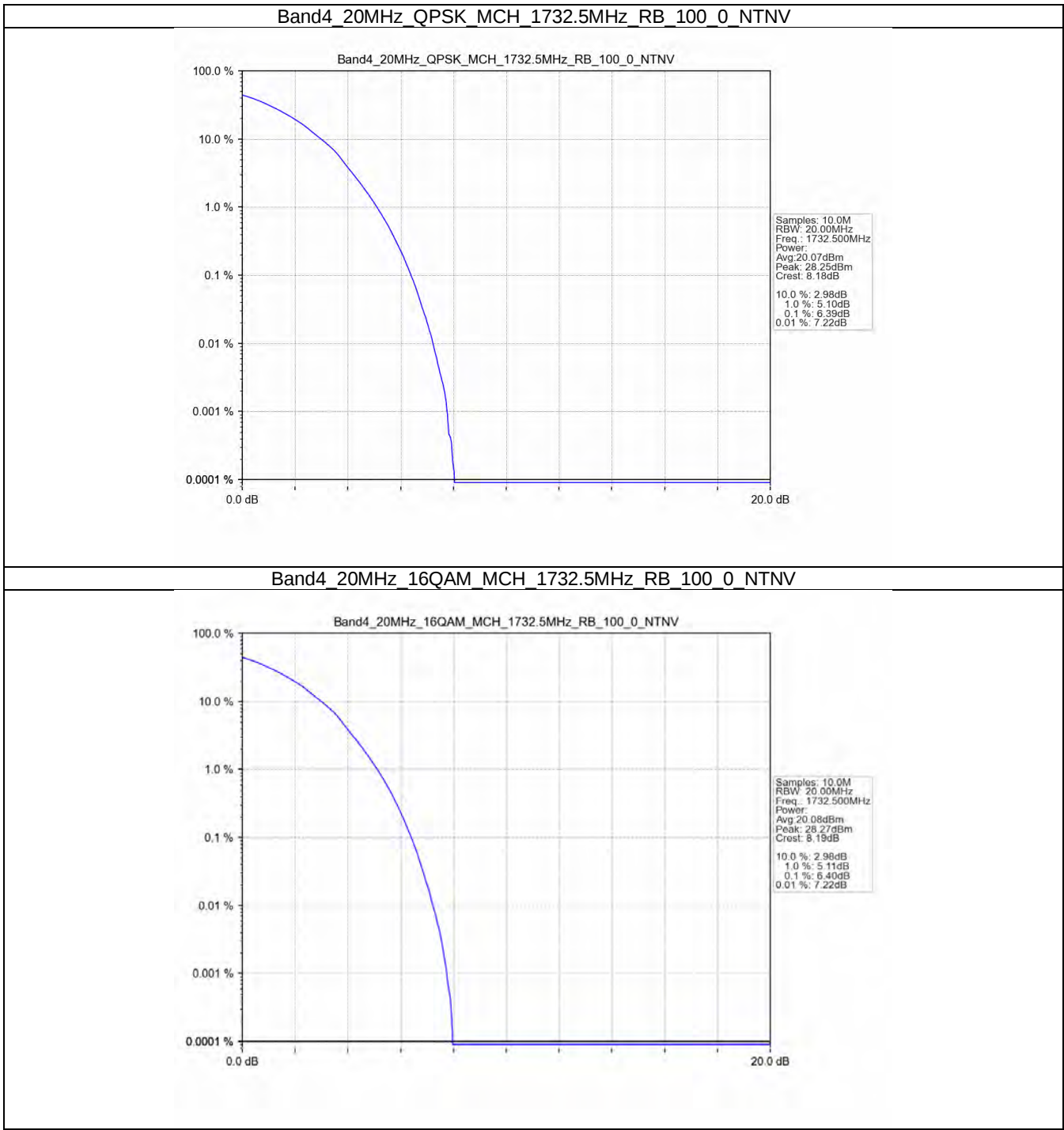
4.1 Test Result

4.1.1 B4_20MHz

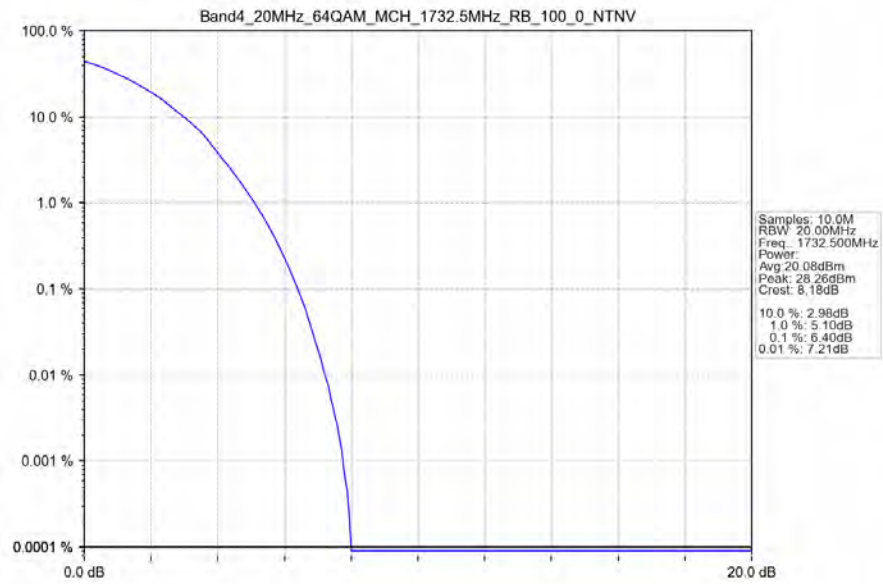
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	6.39	<=13	Pass
16QAM	1732.5	100	0	6.40	<=13	Pass
64QAM	1732.5	100	0	6.40	<=13	Pass
256QAM	1732.5	100	0	6.72	<=13	Pass

4.2 Test Graph

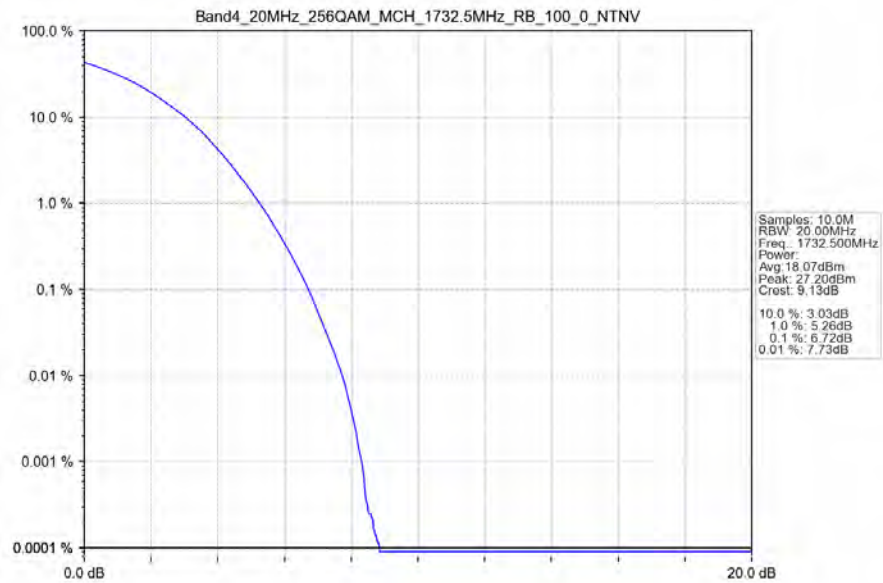
4.2.1 B4_20MHz



Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTN



Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTN



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	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 / NTNV						
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

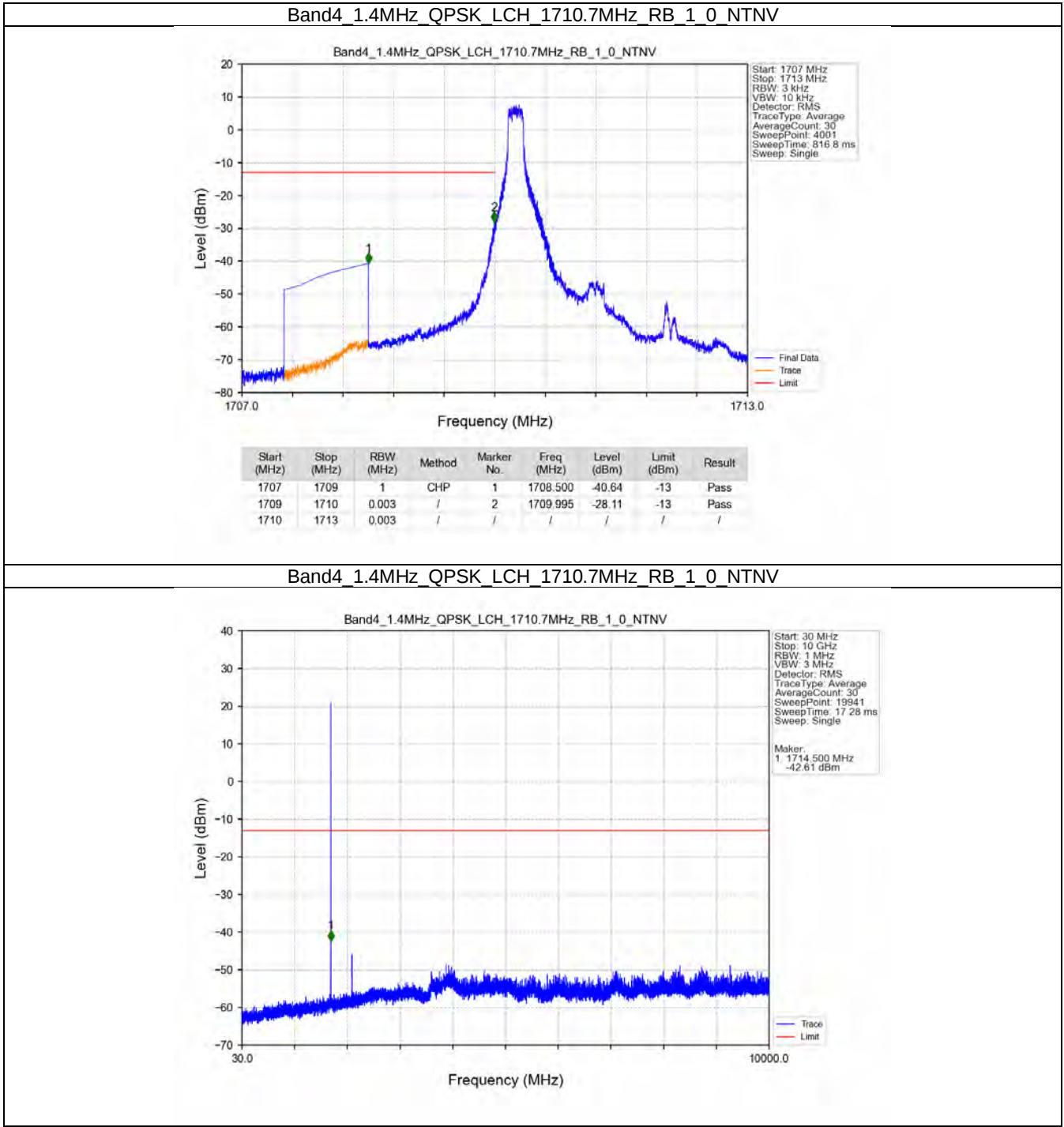
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

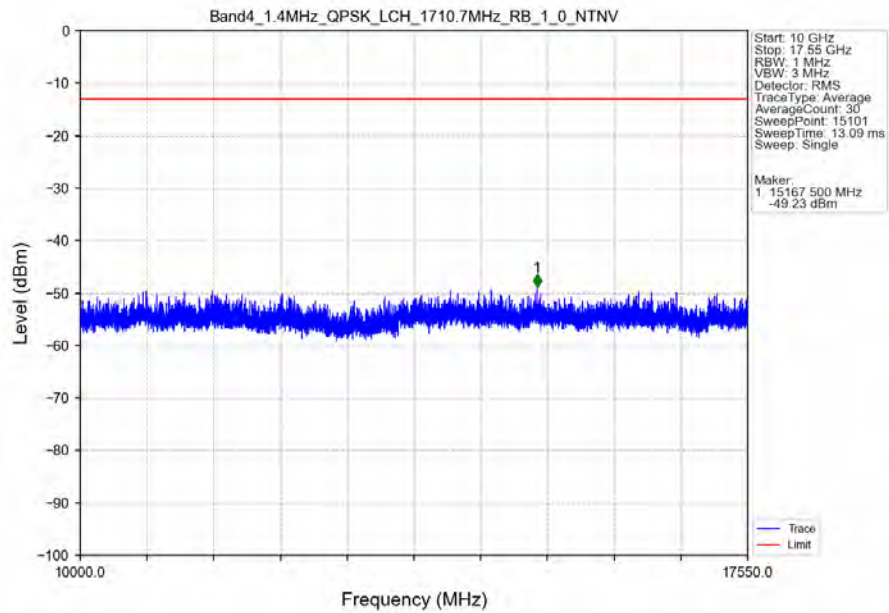
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

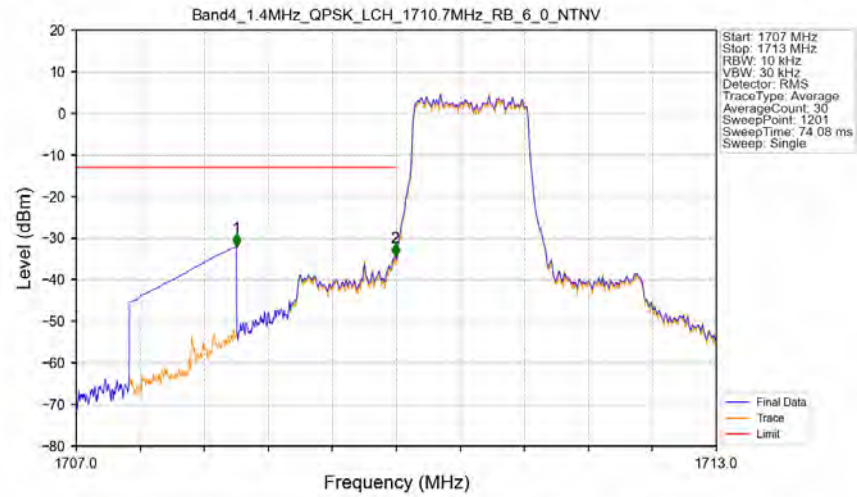
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

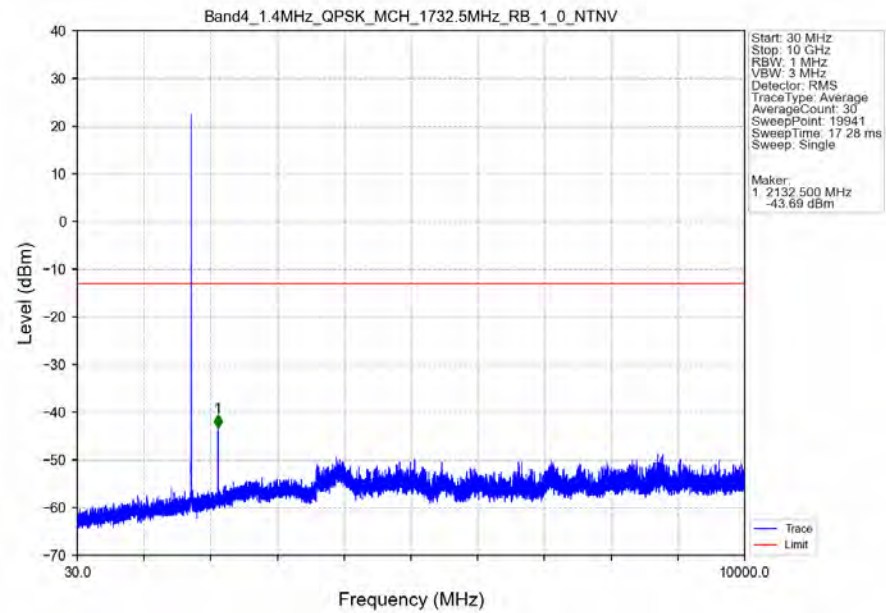


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

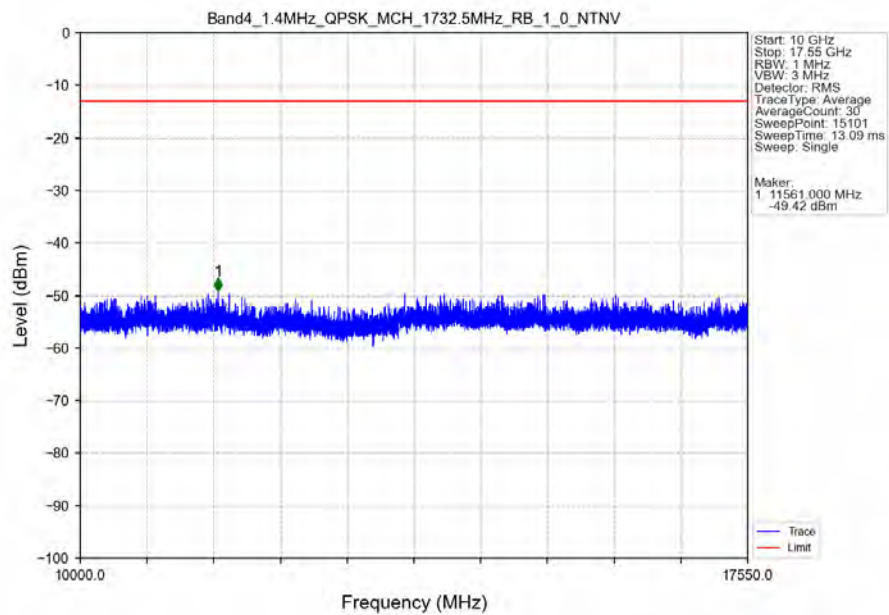


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.01	-13	Pass
1709	1710	0.013	CHP	2	1709.990	-34.34	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

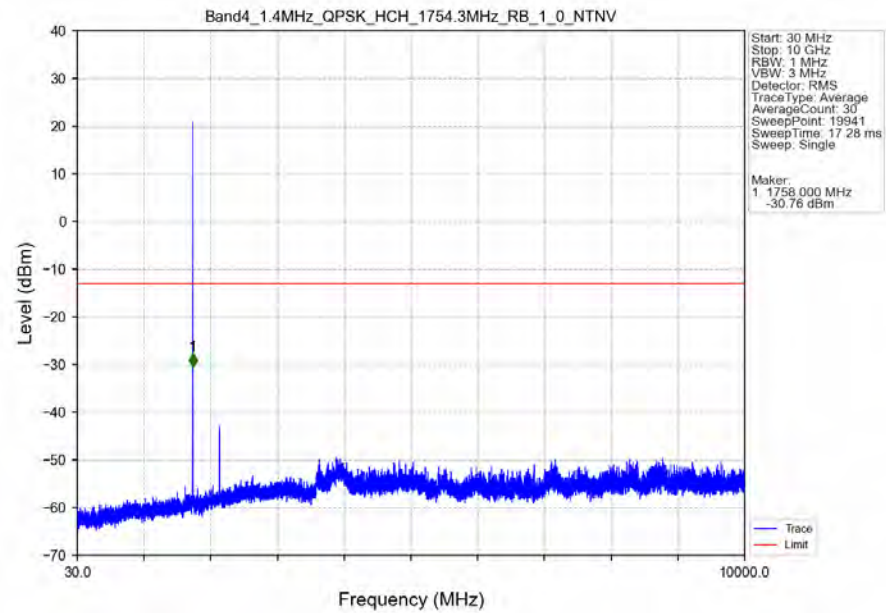
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



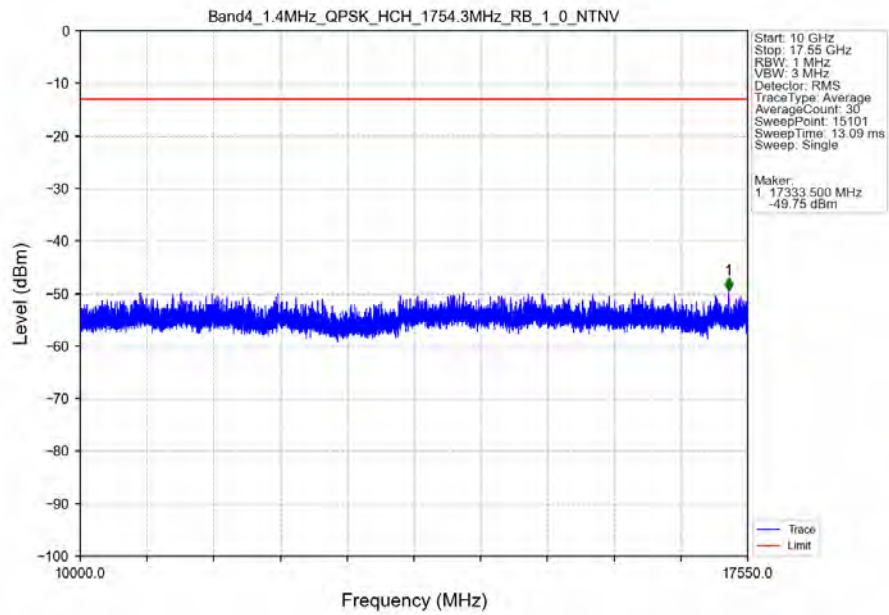
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



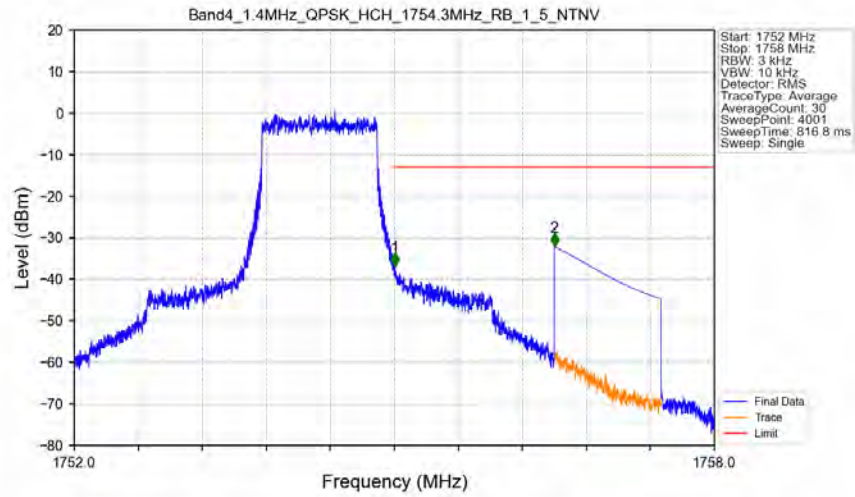
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

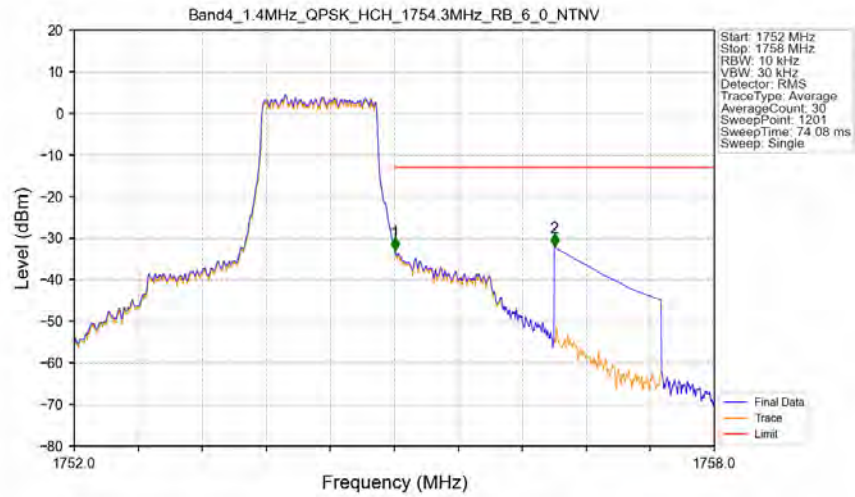


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



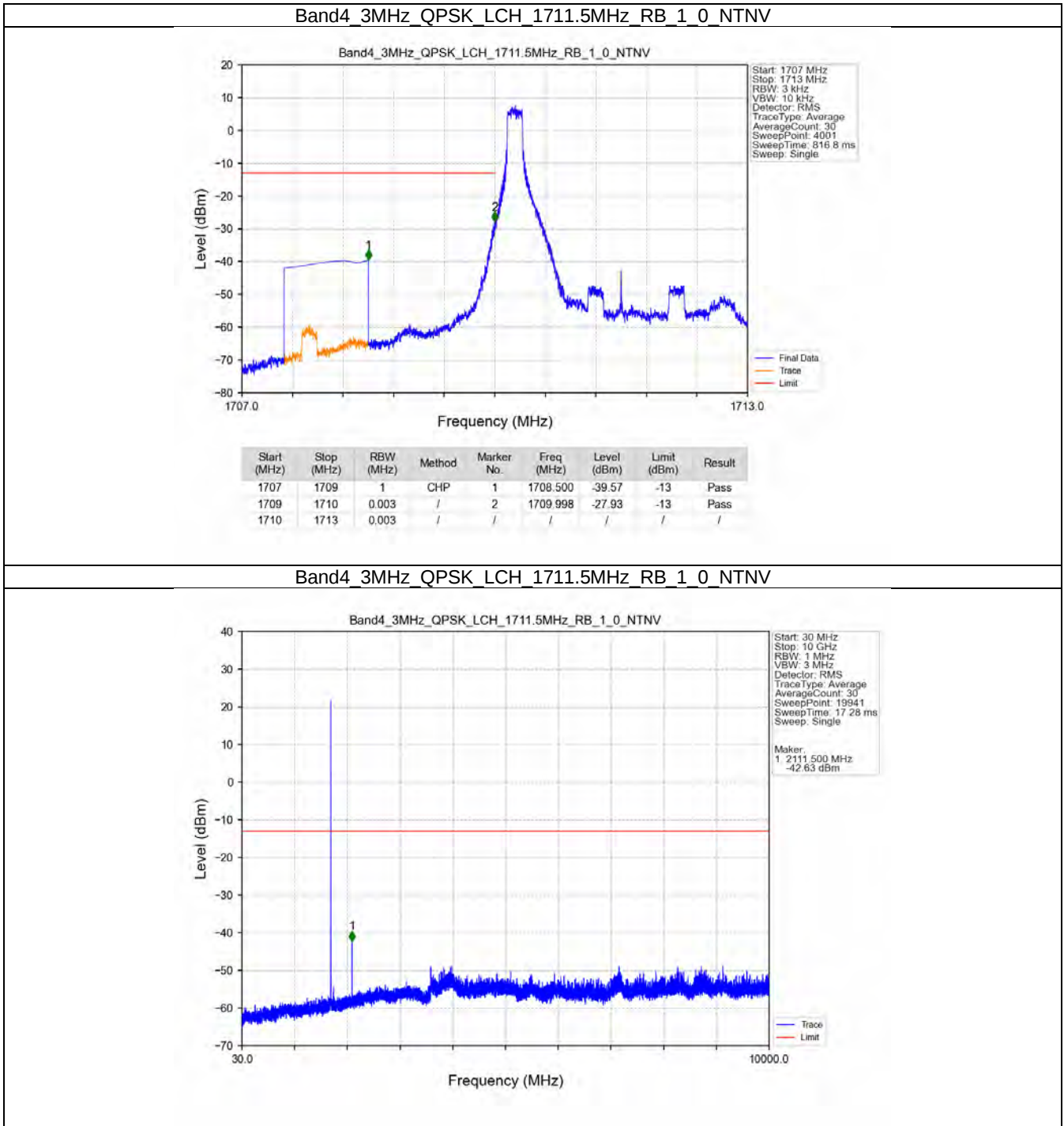
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-36.75	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.01	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

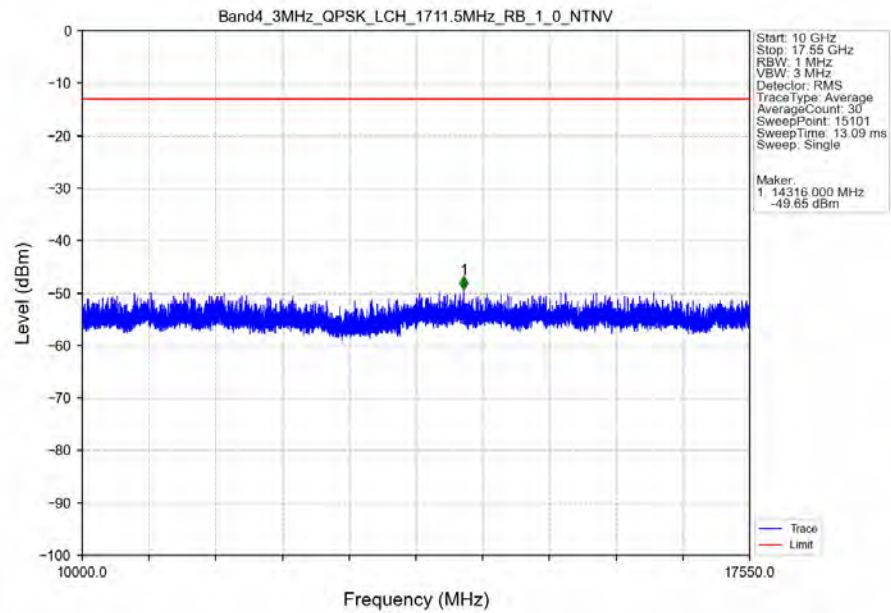


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-32.93	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.11	-13	Pass

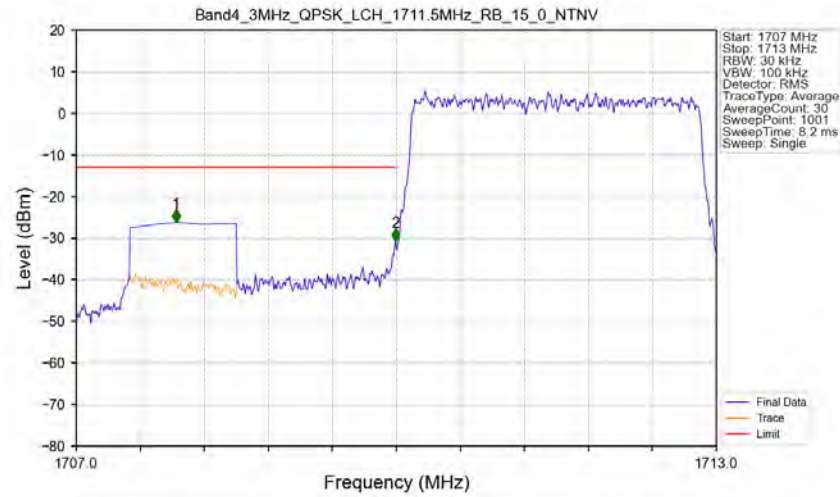
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

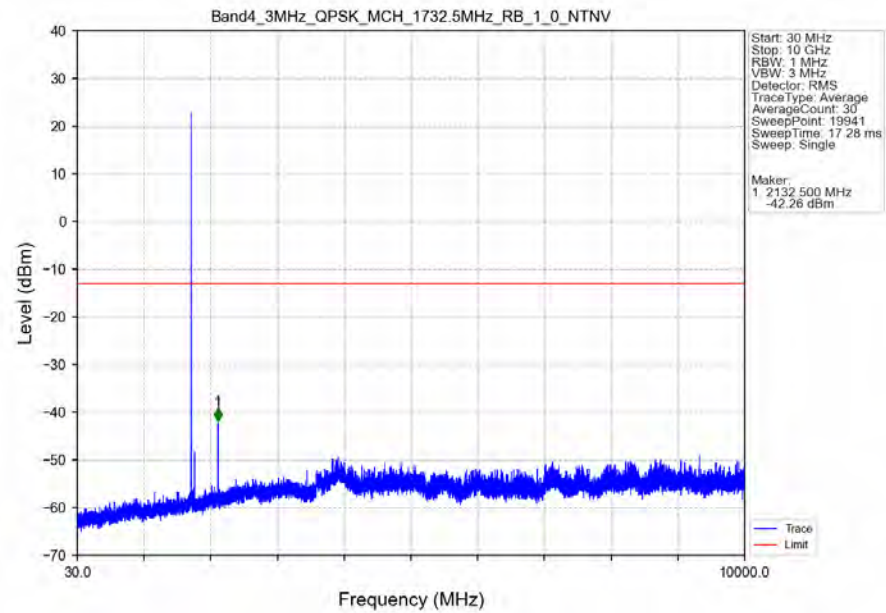


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

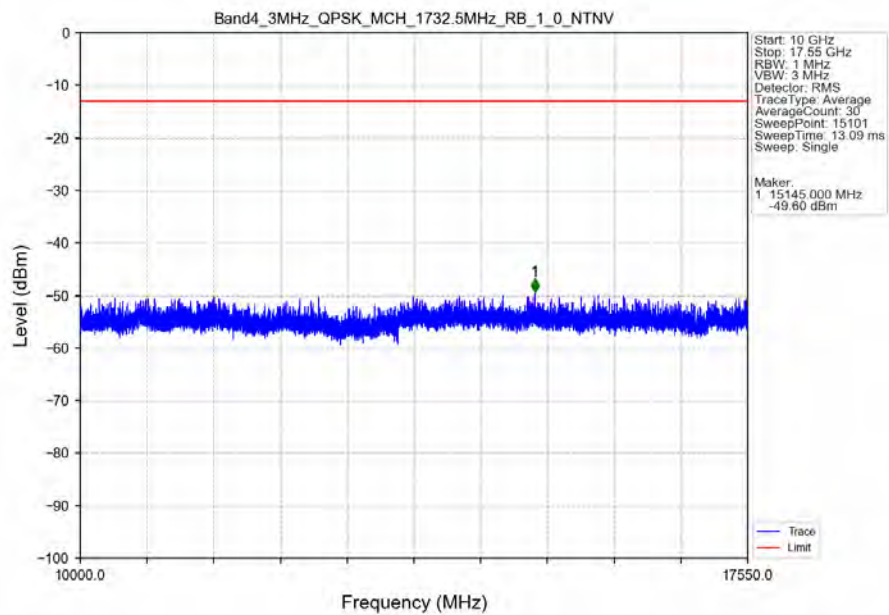


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.936	-26.25	-13	Pass
1709	1710	0.03	/	2	1709.994	-30.85	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

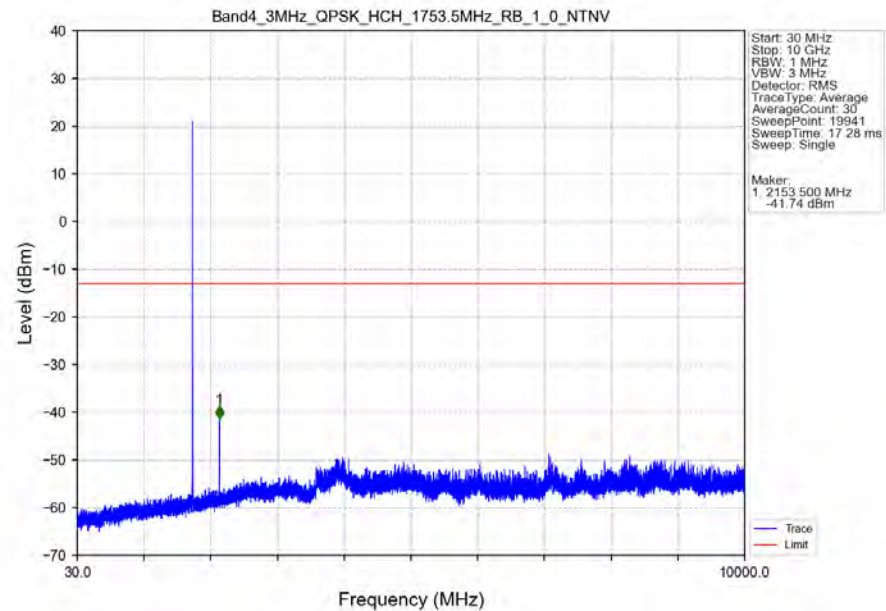
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



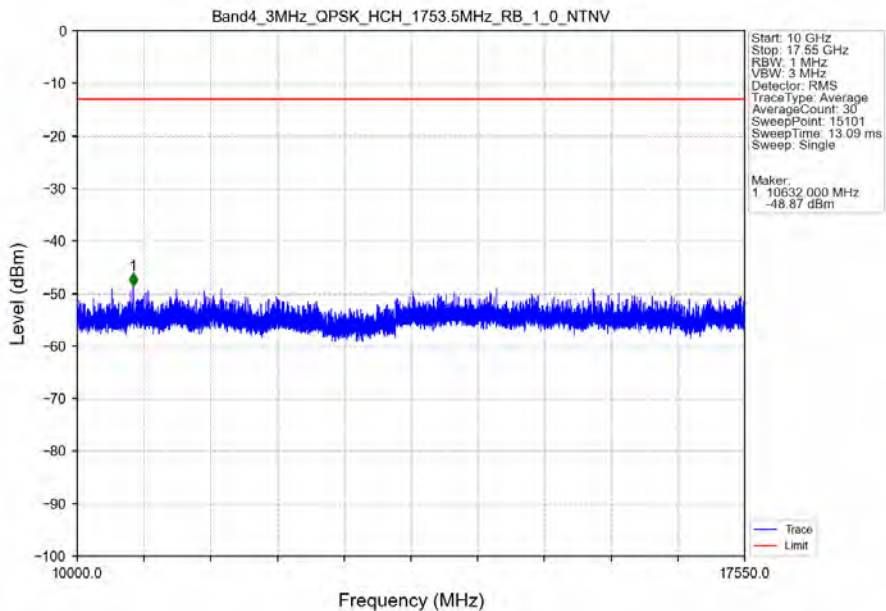
Band4 3MHz QPSK MCH 1732.5MHz_RB 1 0 NTNV



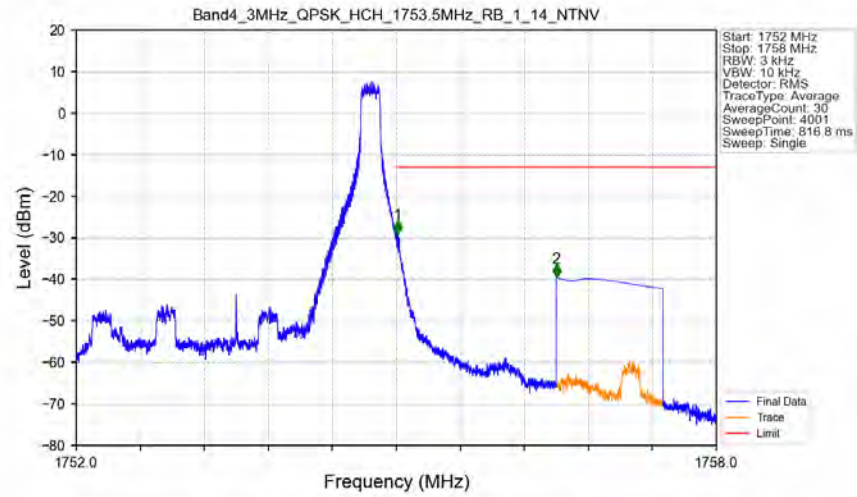
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

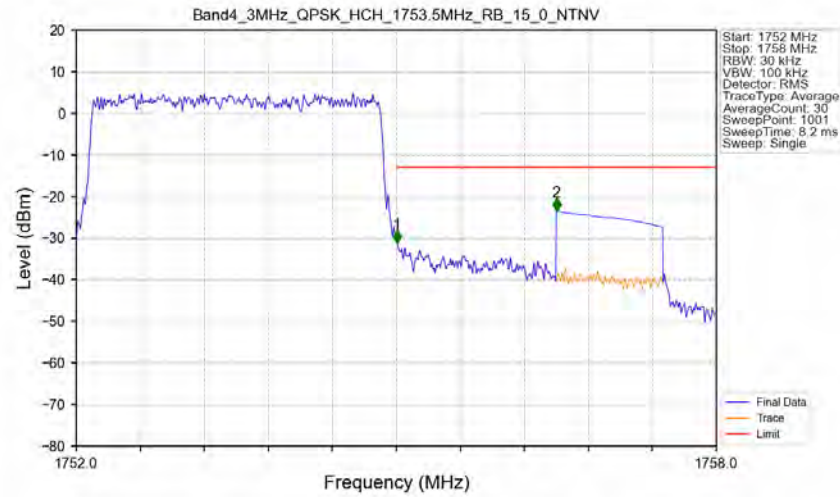


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



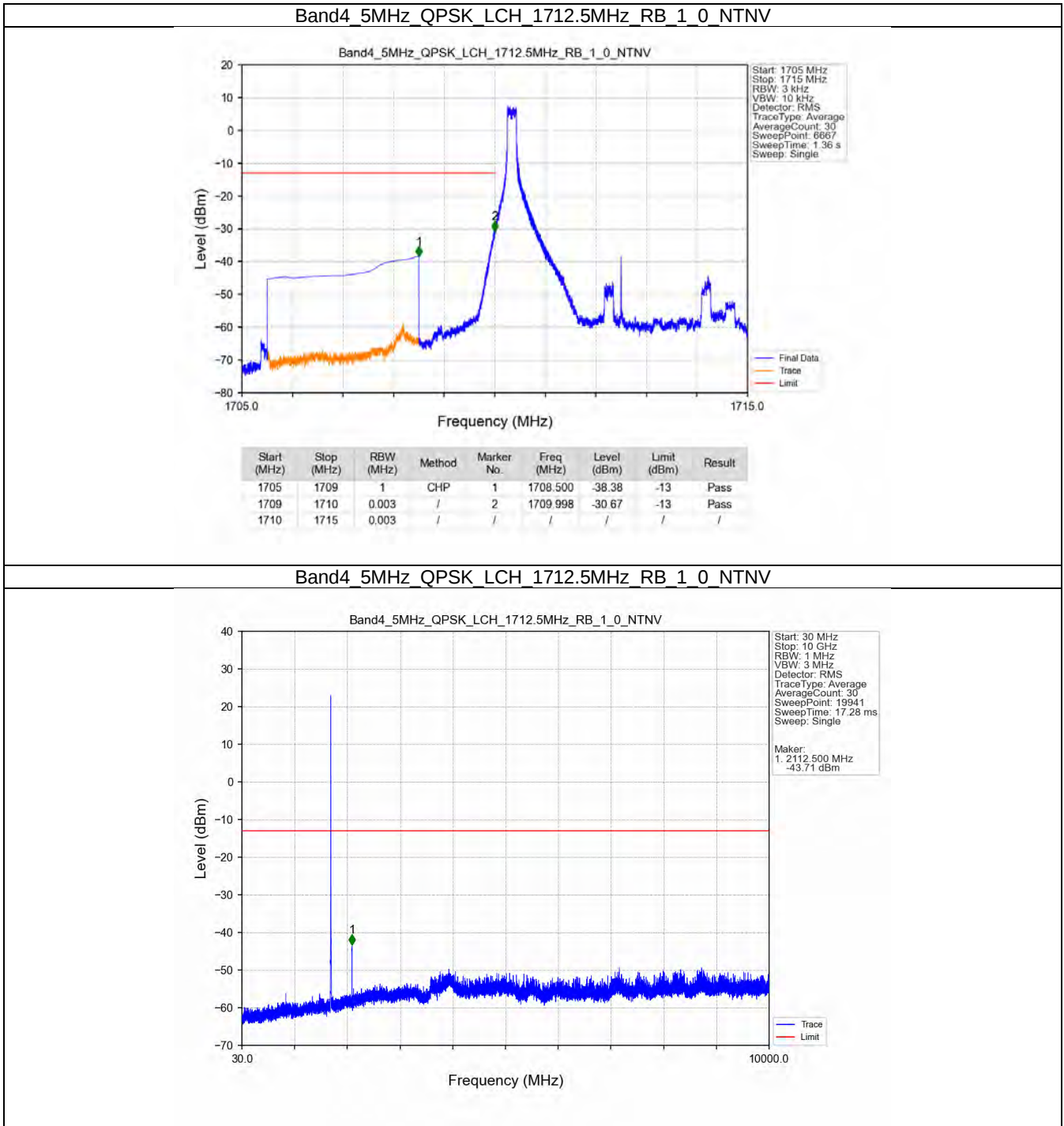
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-29.02	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.51	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

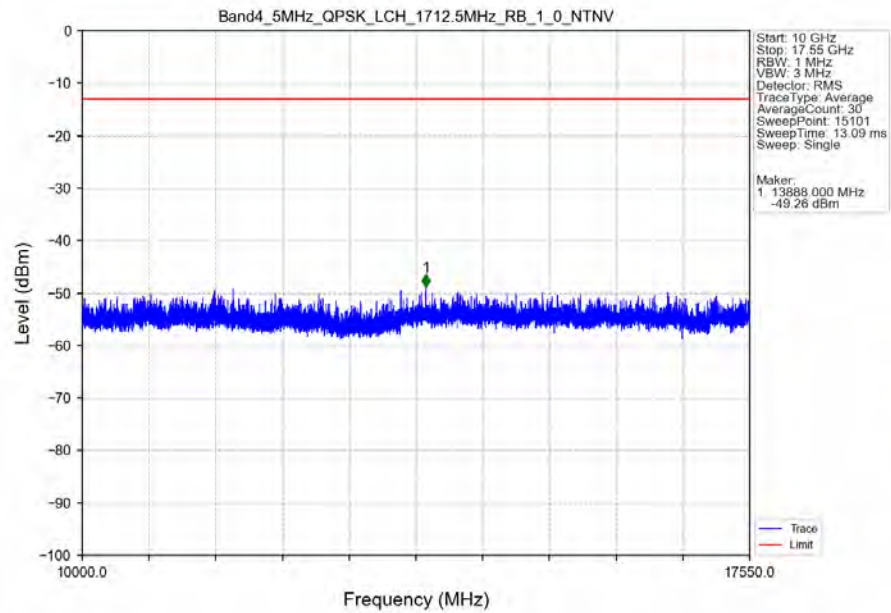


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-31.18	-13	Pass
1756	1758	1	CHP	2	1756.500	-23.48	-13	Pass

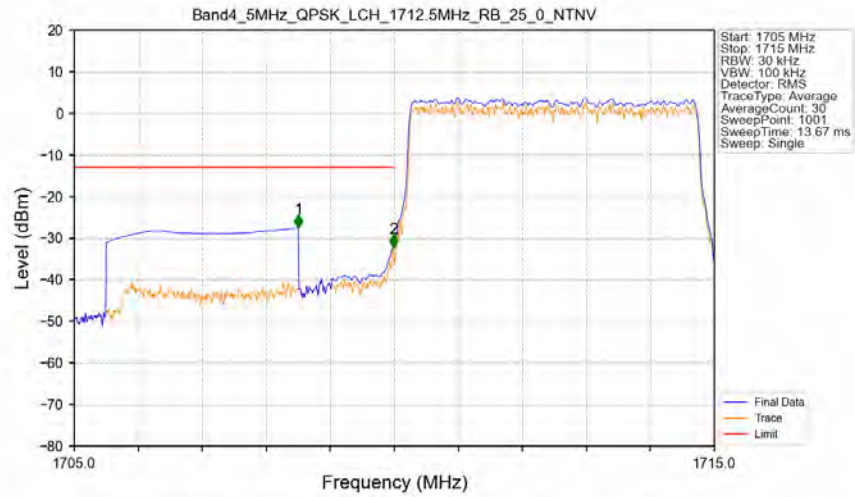
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

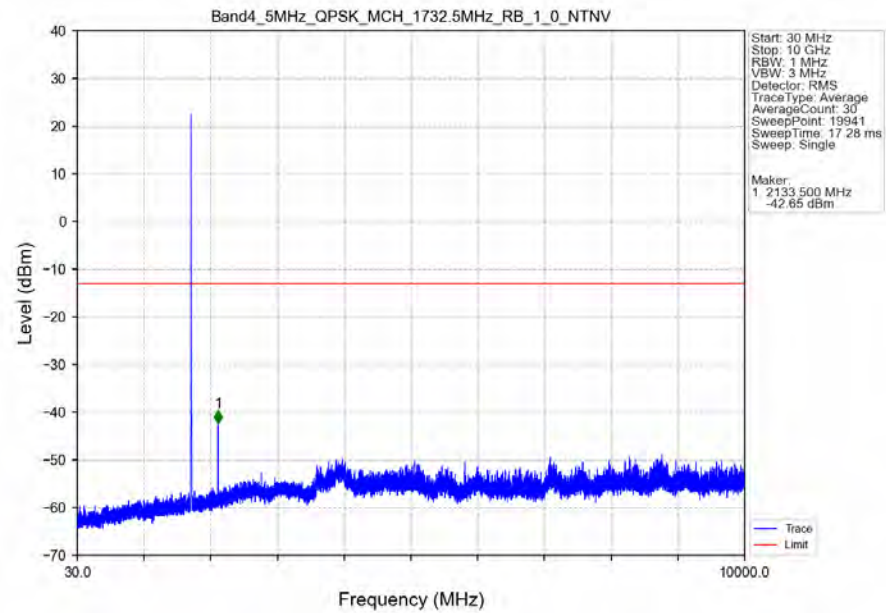


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

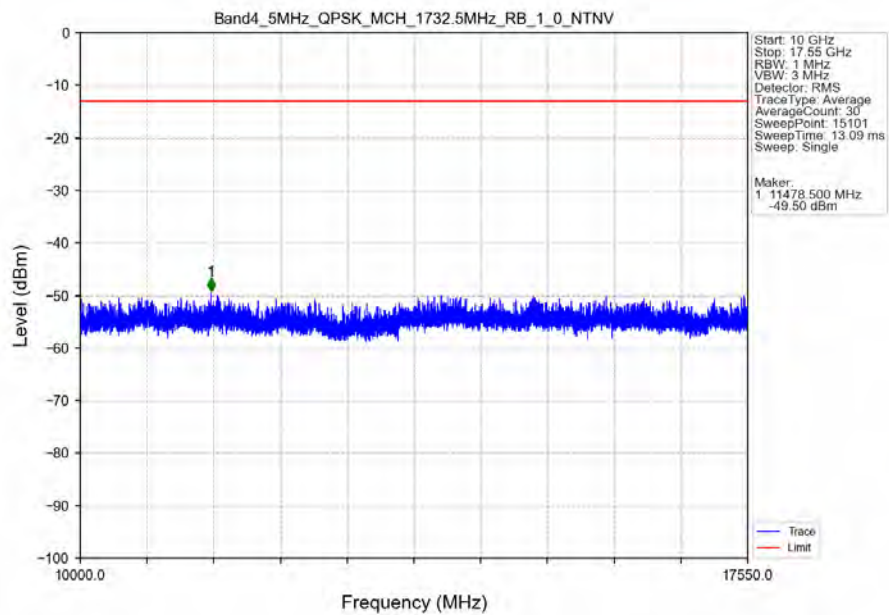


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.54	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-32.24	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

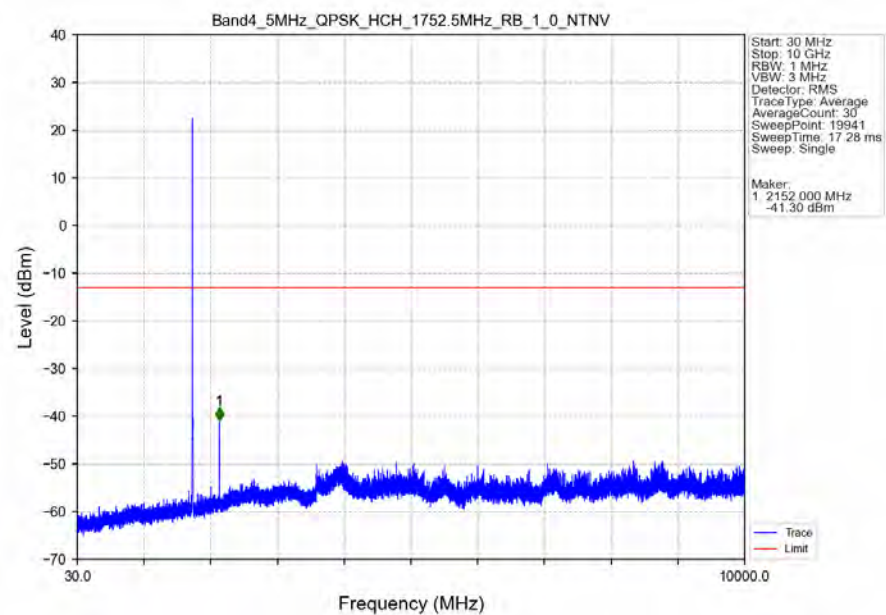
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



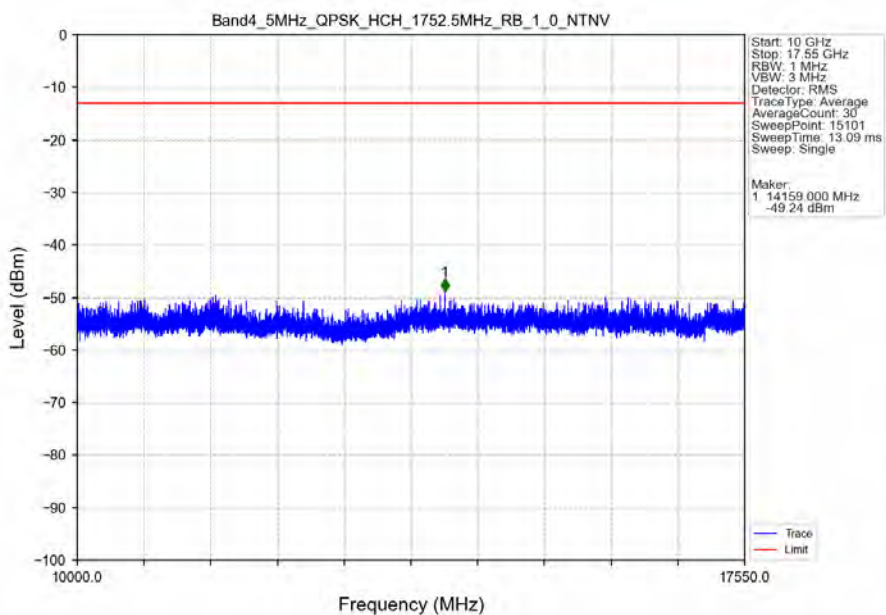
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



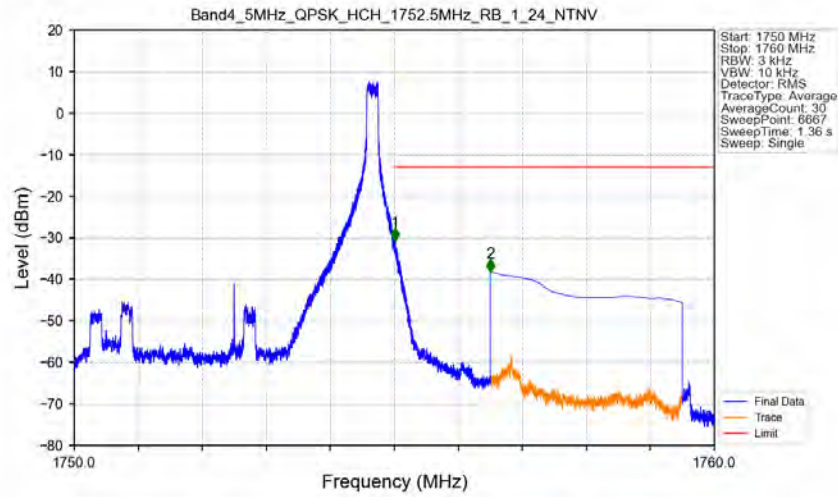
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

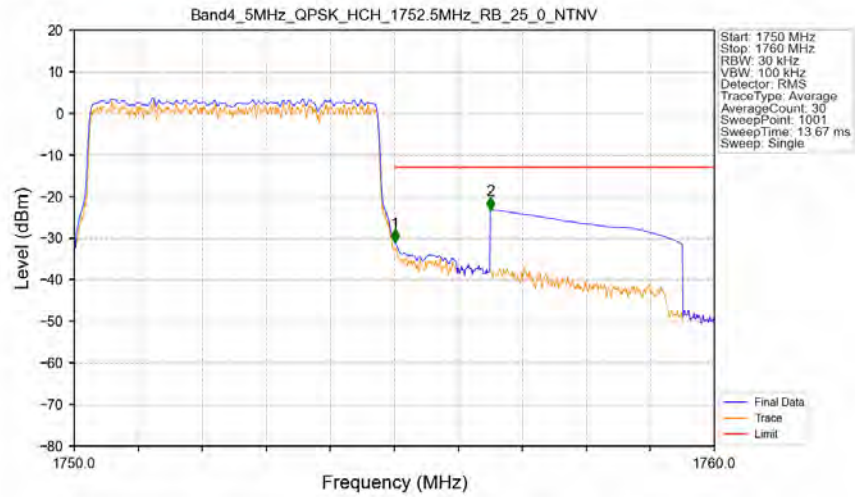


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



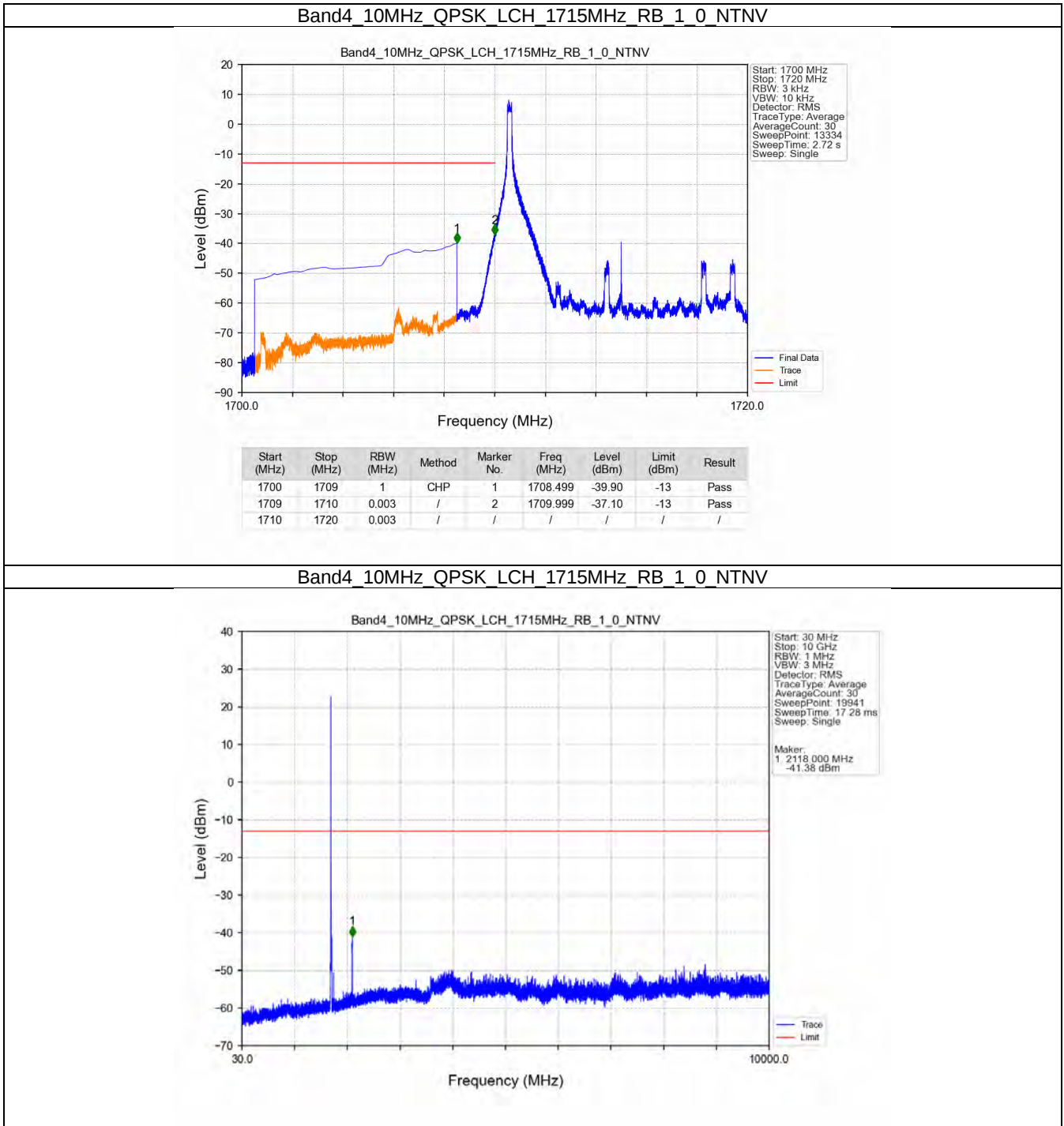
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-30.69	-13	Pass
1756	1760	1	CHP	2	1756.500	-38.22	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

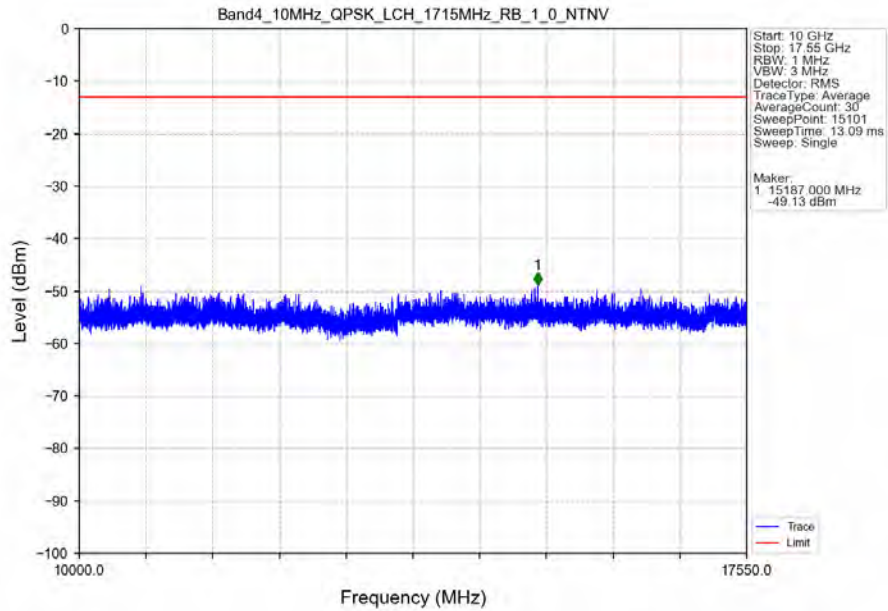


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.010	-31.02	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.21	-13	Pass

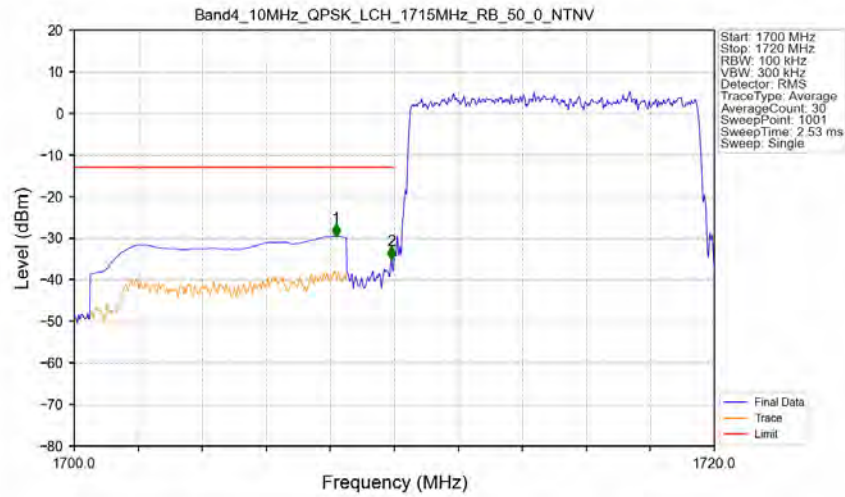
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN

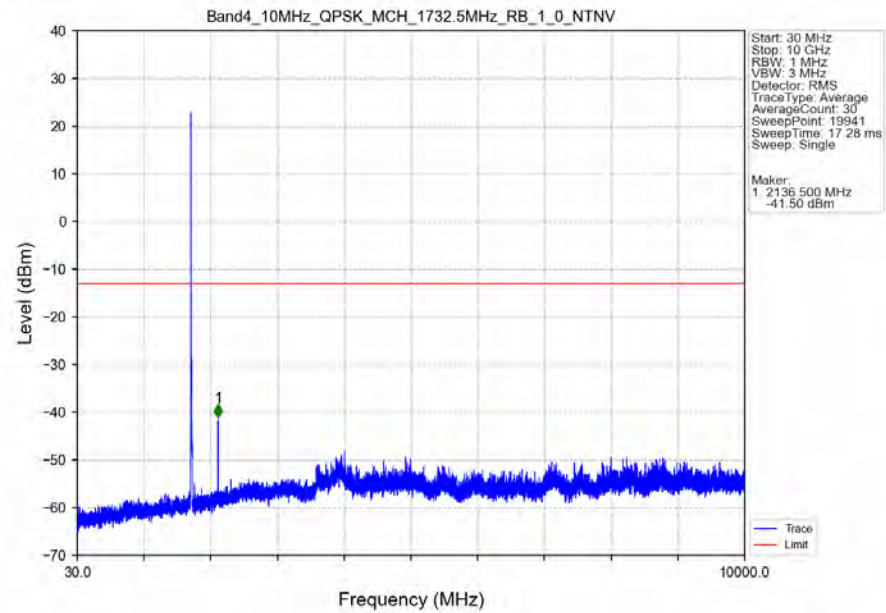


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN

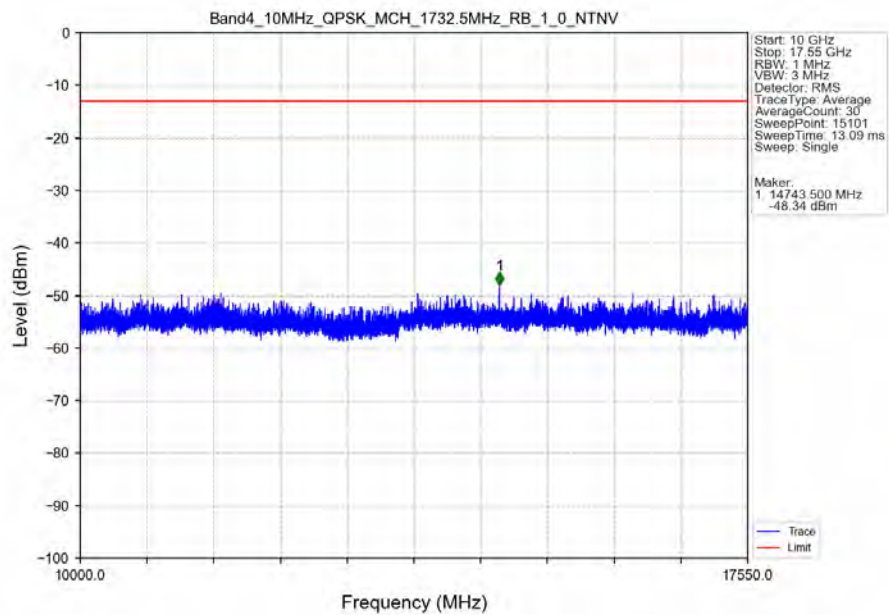


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.180	-29.60	-13	Pass
1709	1710	0.1	/	2	1709.900	-35.22	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

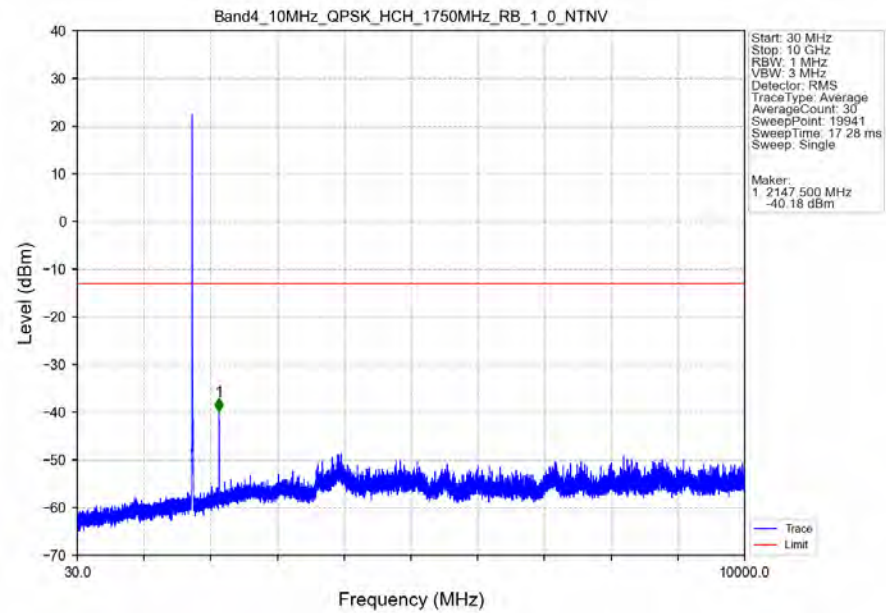
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



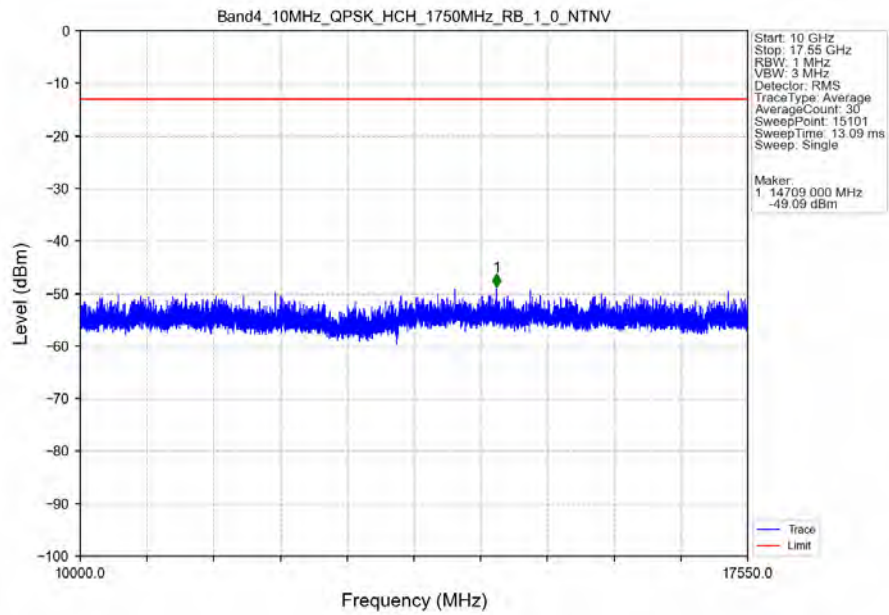
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



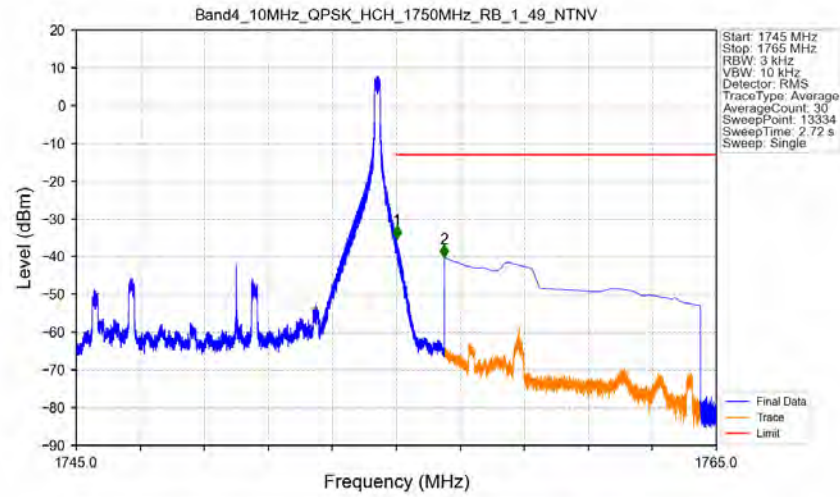
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

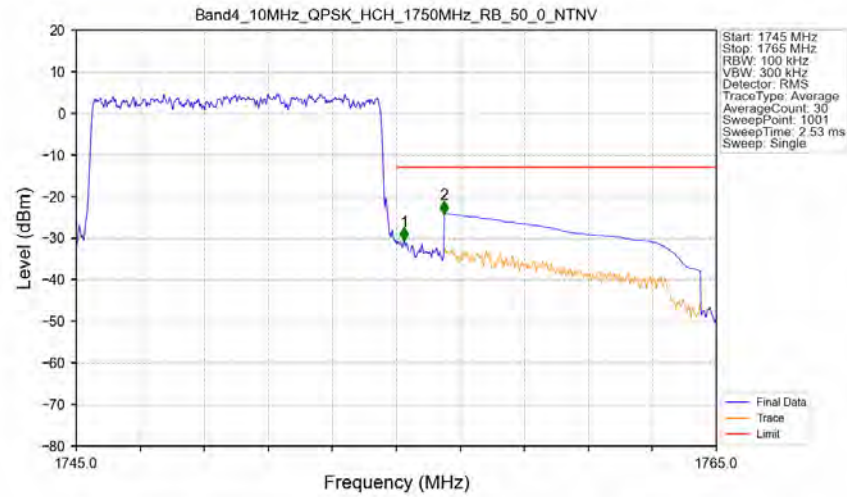


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



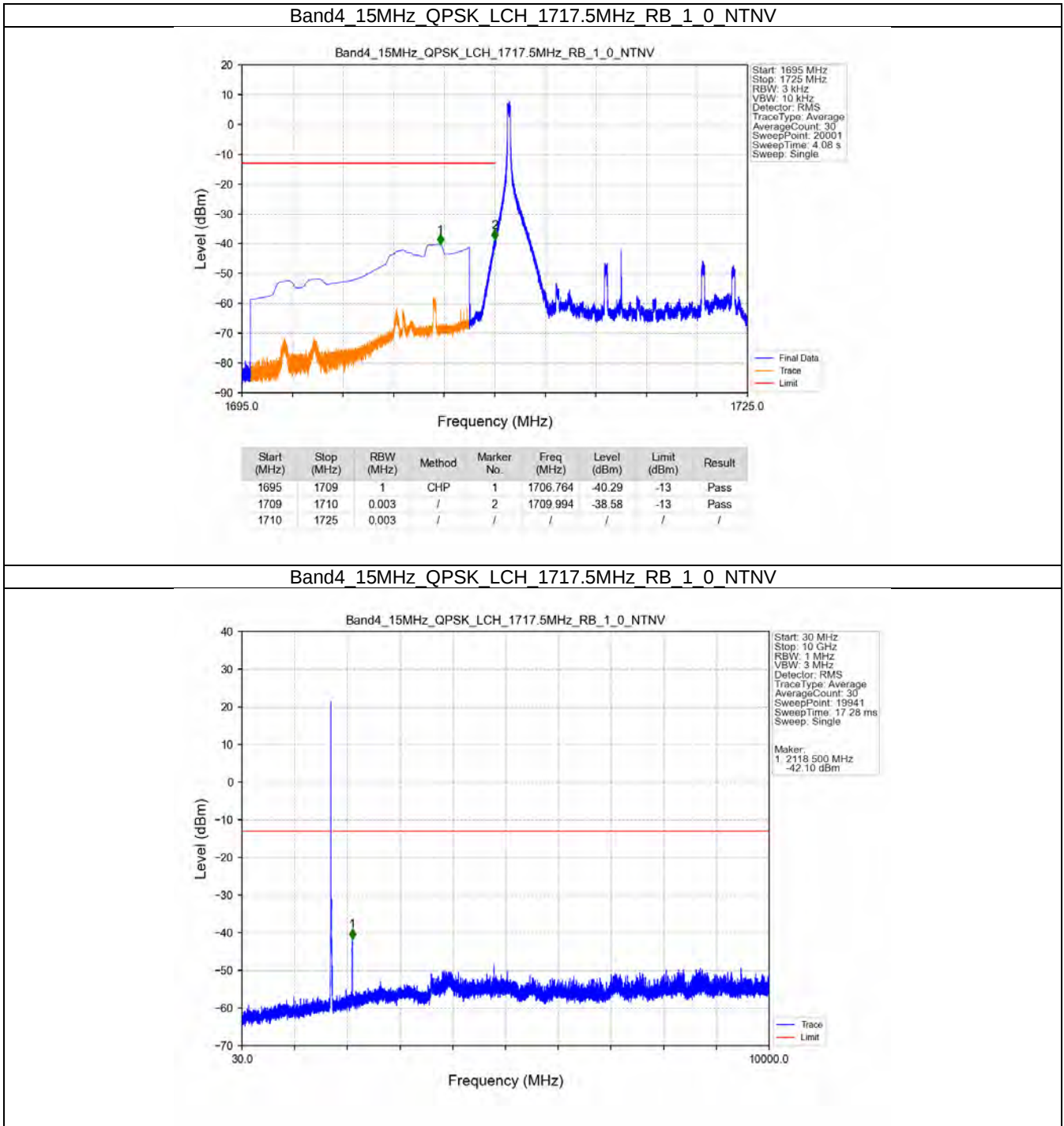
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-35.19	-13	Pass
1756	1765	1	CHP	2	1756.501	-40.24	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

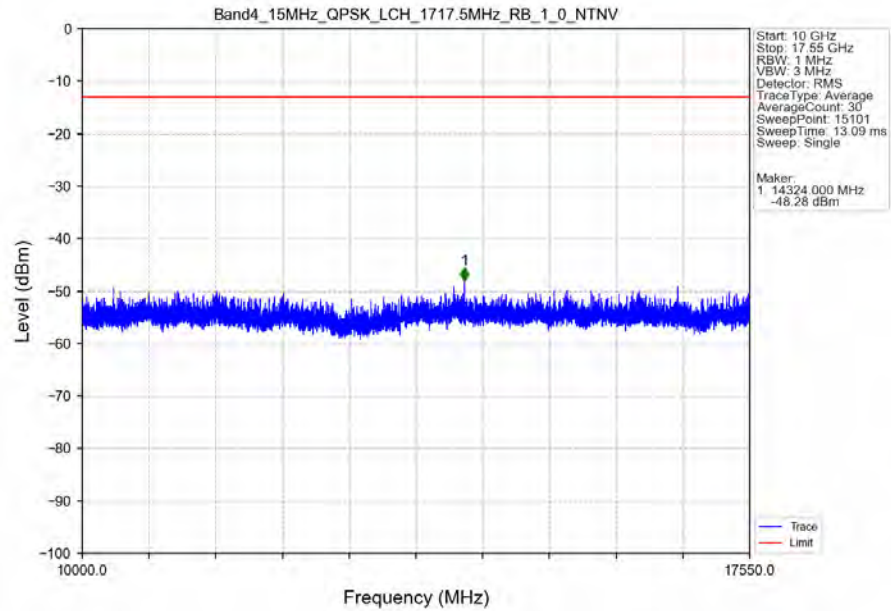


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.240	-30.53	-13	Pass
1756	1765	1	CHP	2	1756.500	-24.12	-13	Pass

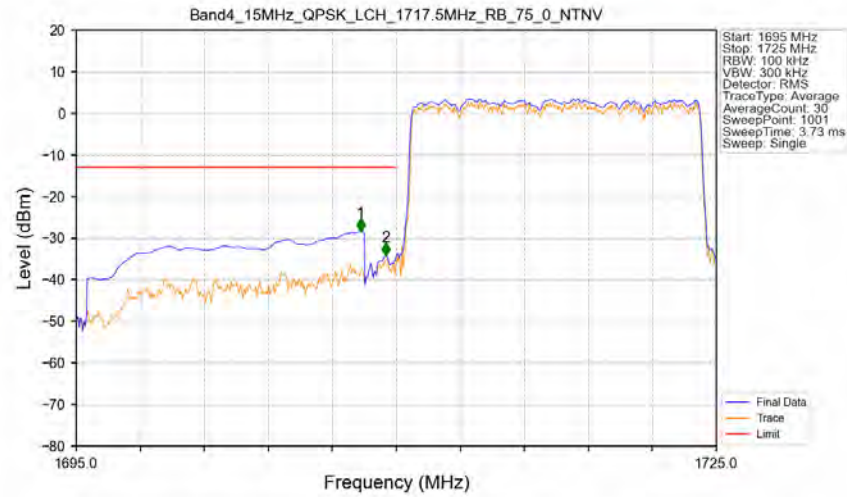
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

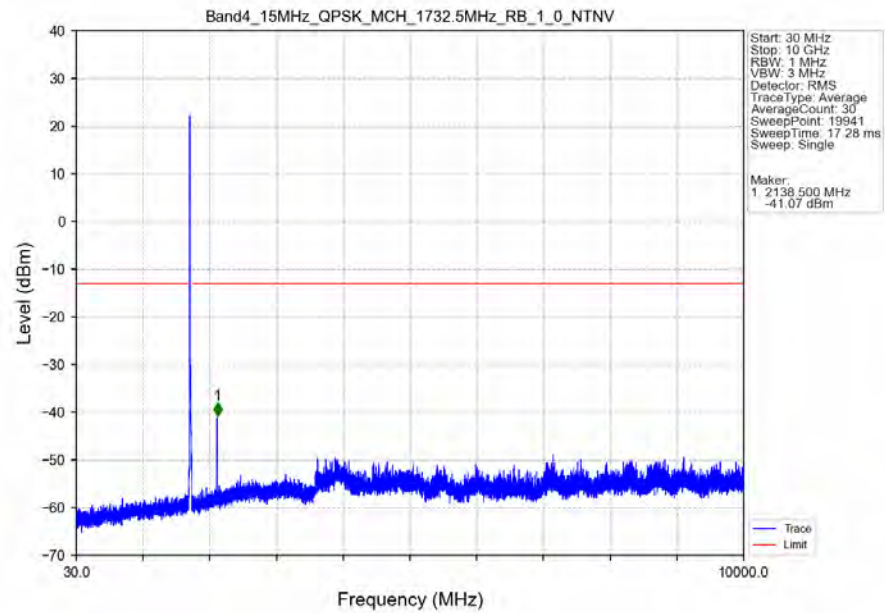


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

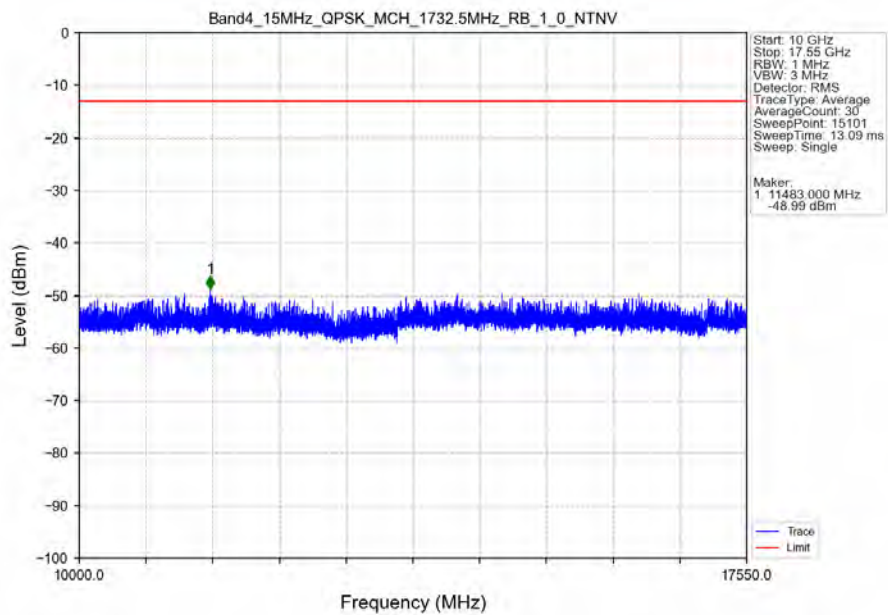


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.320	-28.44	-13	Pass
1709	1710	0.15	CHP	2	1709.520	-34.15	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

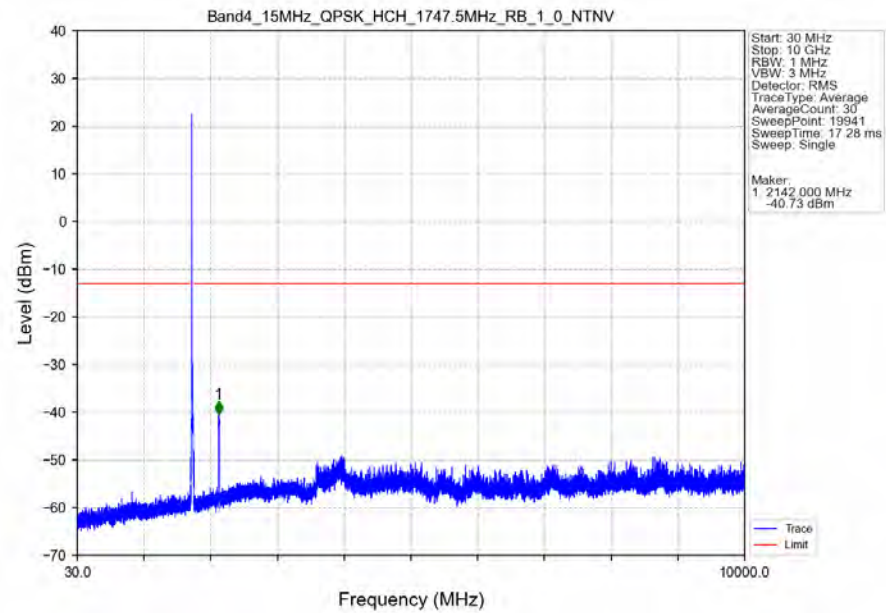
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



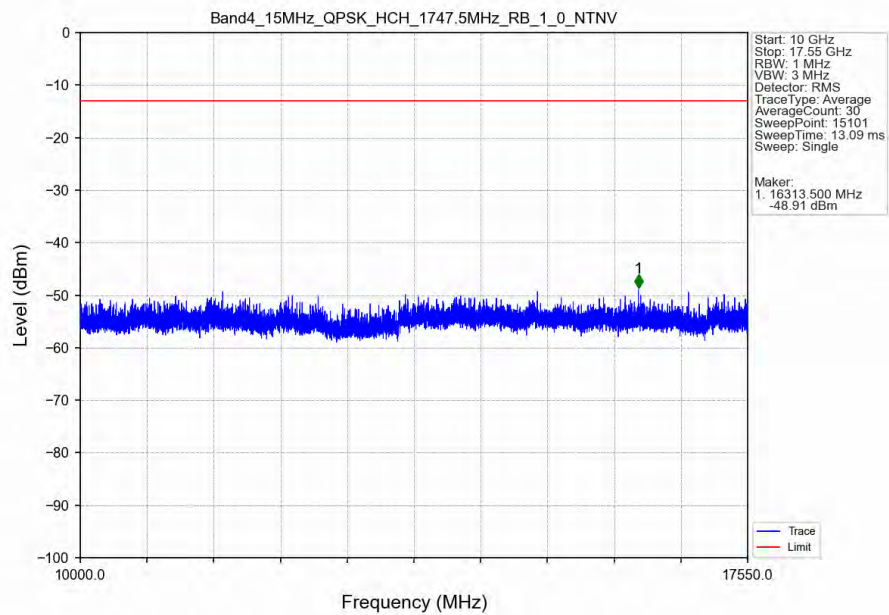
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



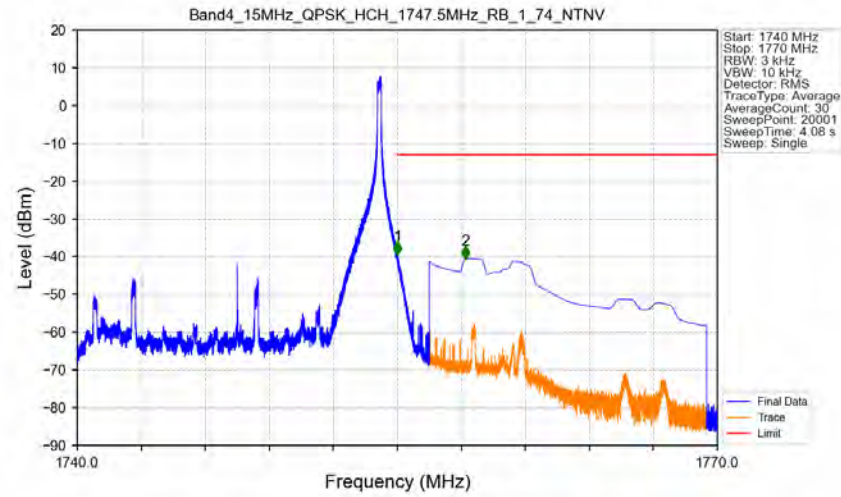
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

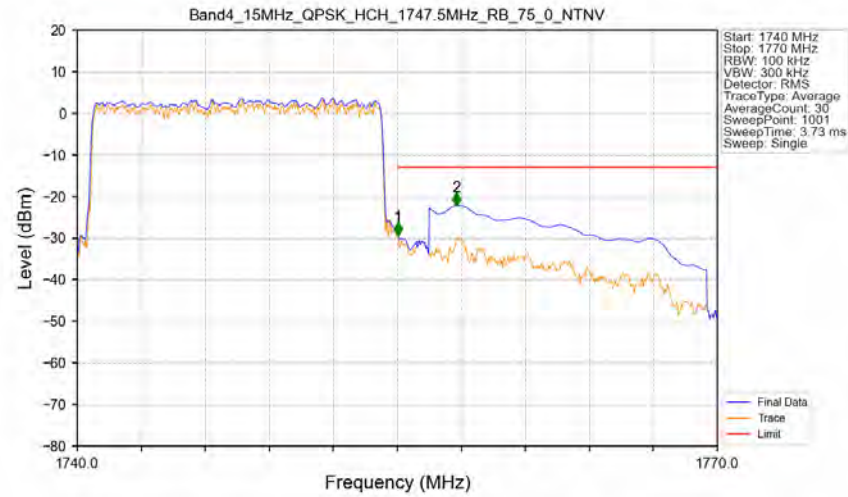


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



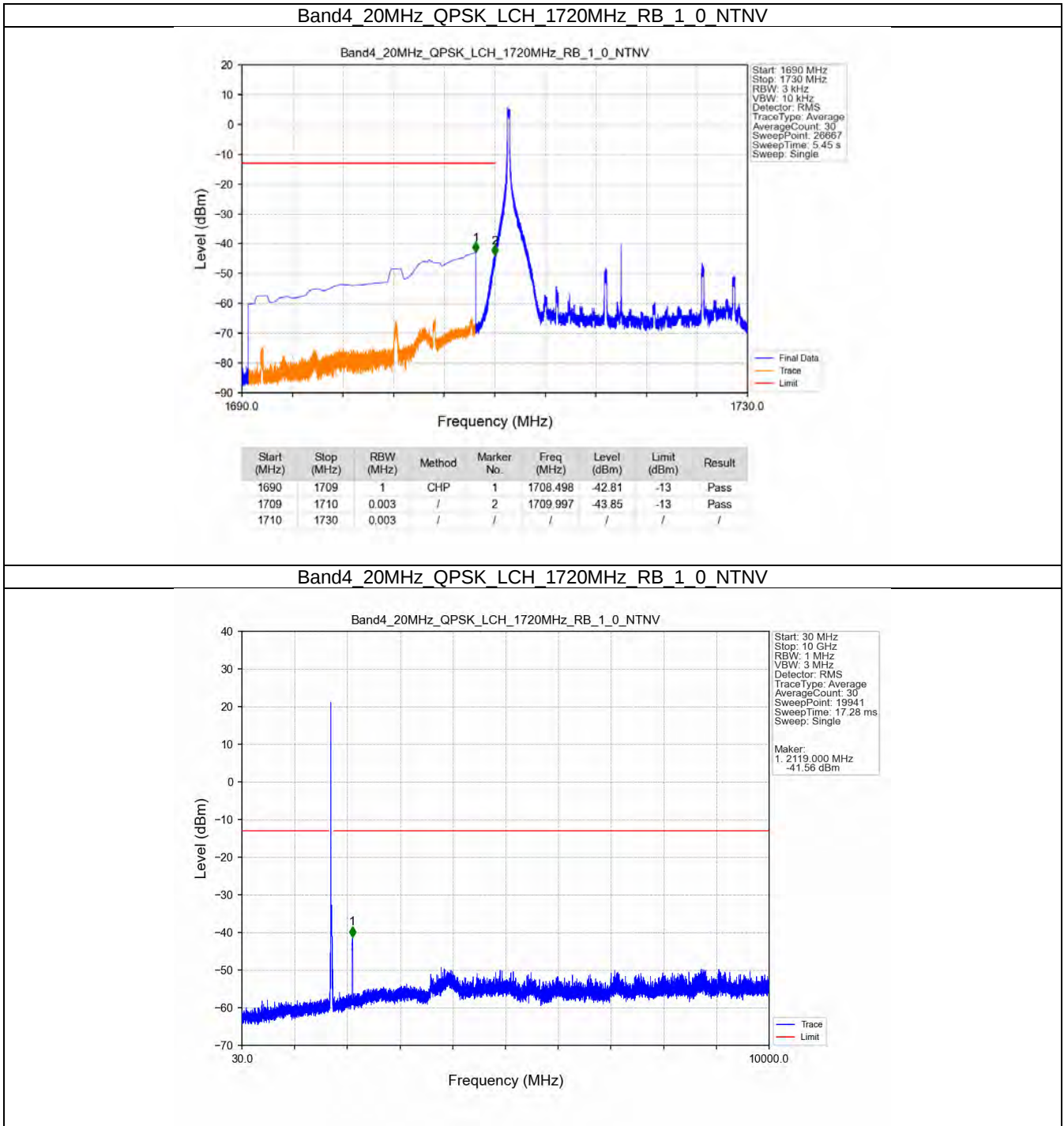
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-39.37	-13	Pass
1756	1770	1	CHP	2	1758.189	-40.56	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

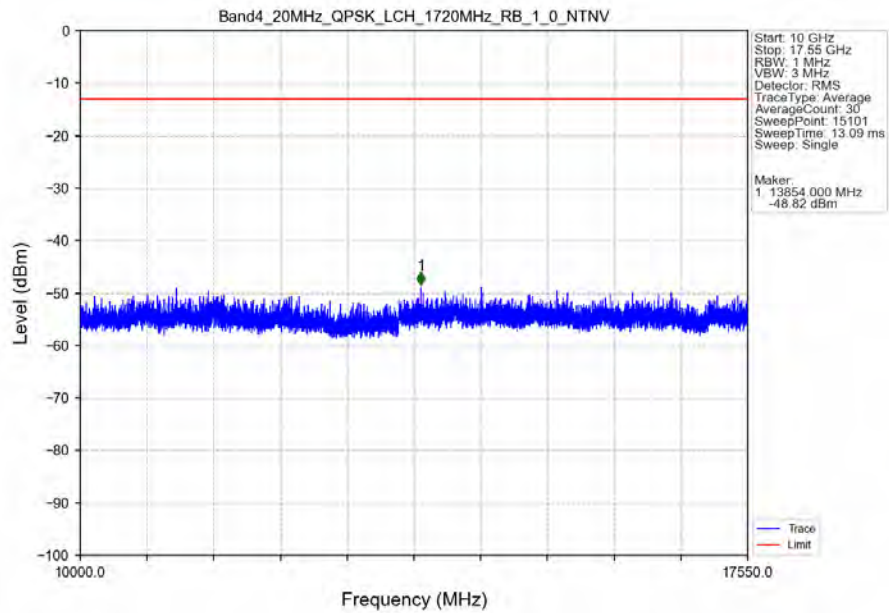


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.030	-29.25	-13	Pass
1756	1770	1	CHP	2	1757.760	-22.15	-13	Pass

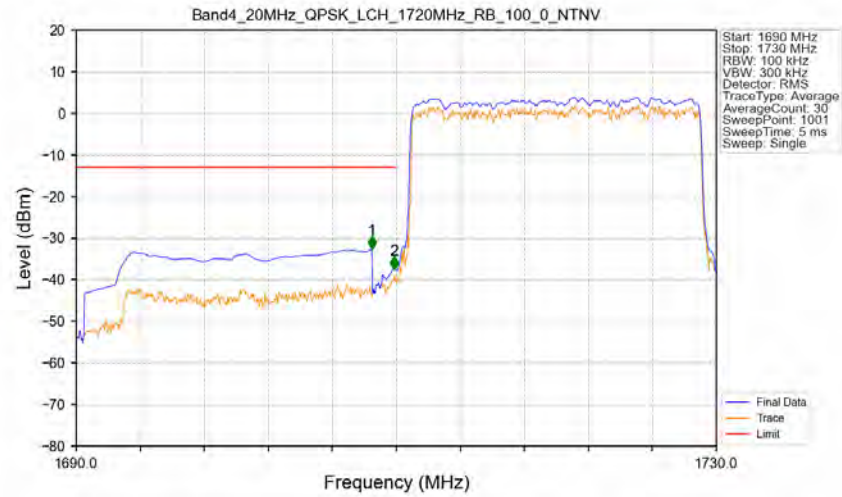
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTV

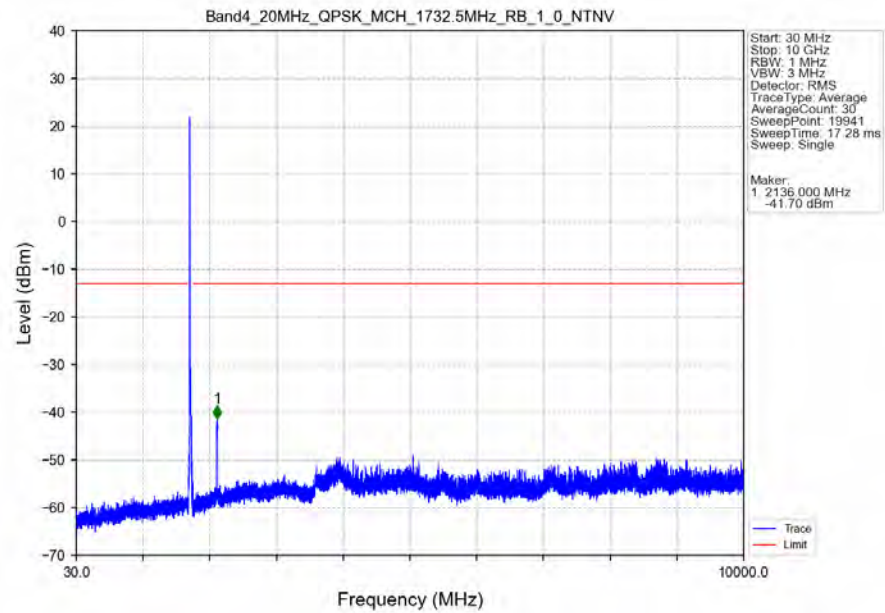


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTV

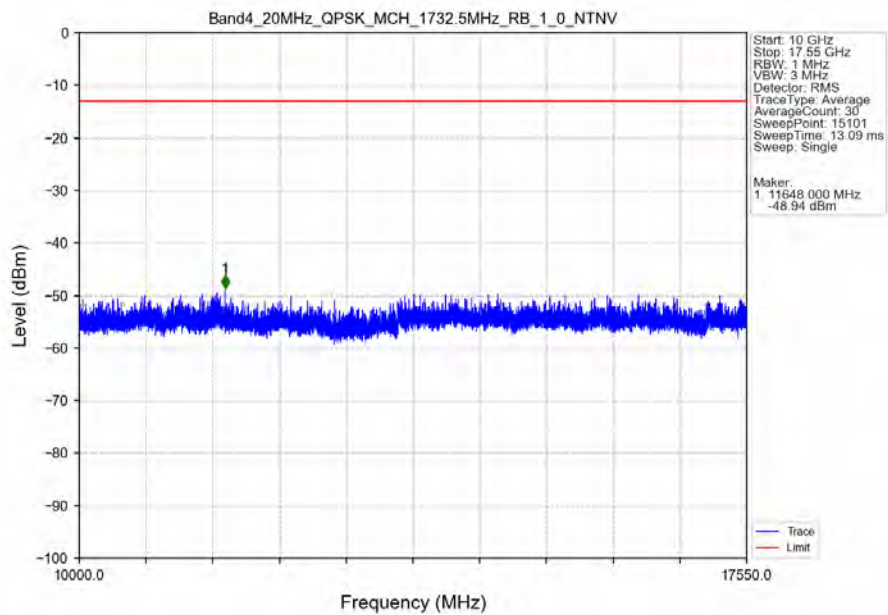


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-32.66	-13	Pass
1709	1710	0.197	CHP	2	1709.880	-37.43	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

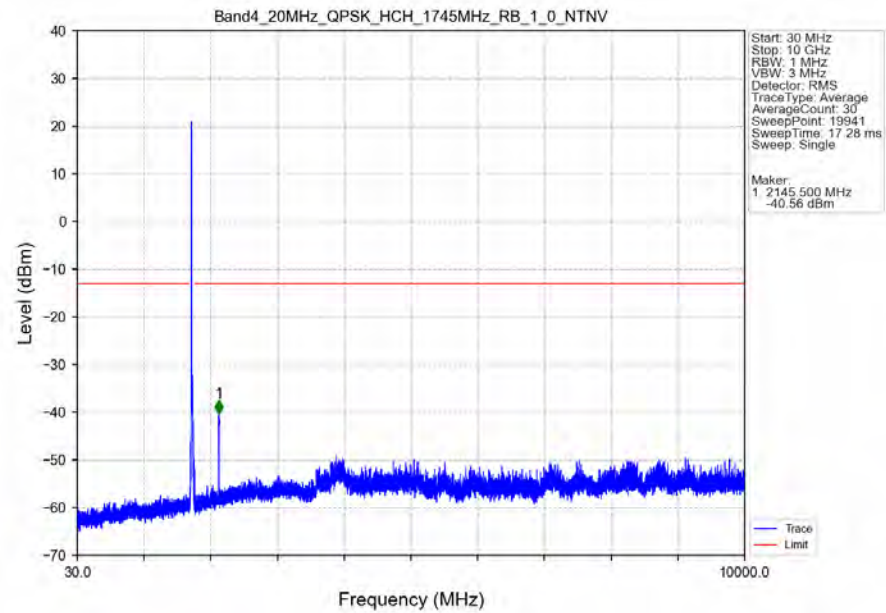
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



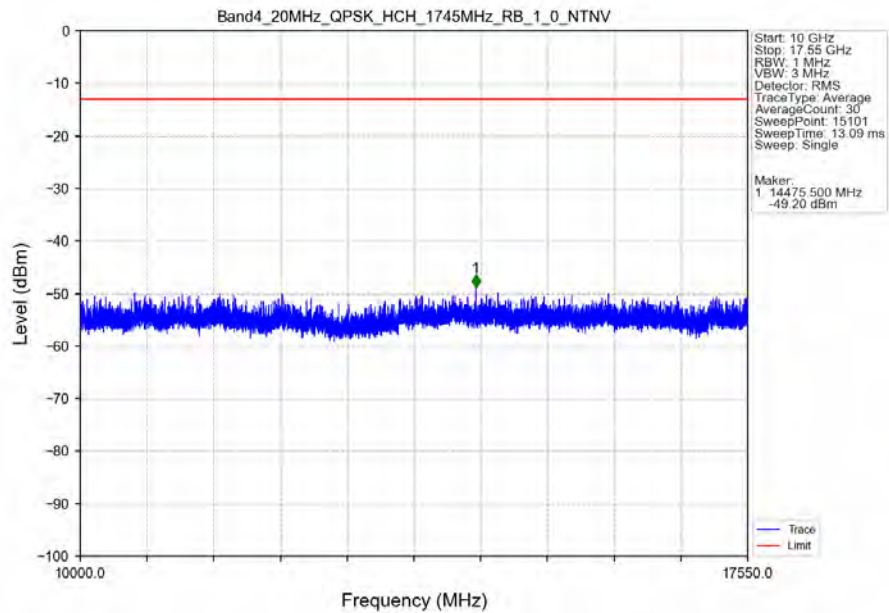
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



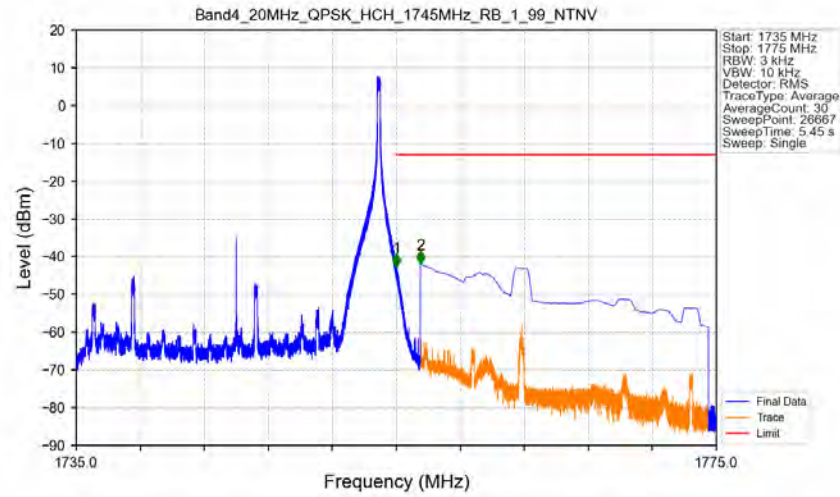
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz_RB 1 0 NTN

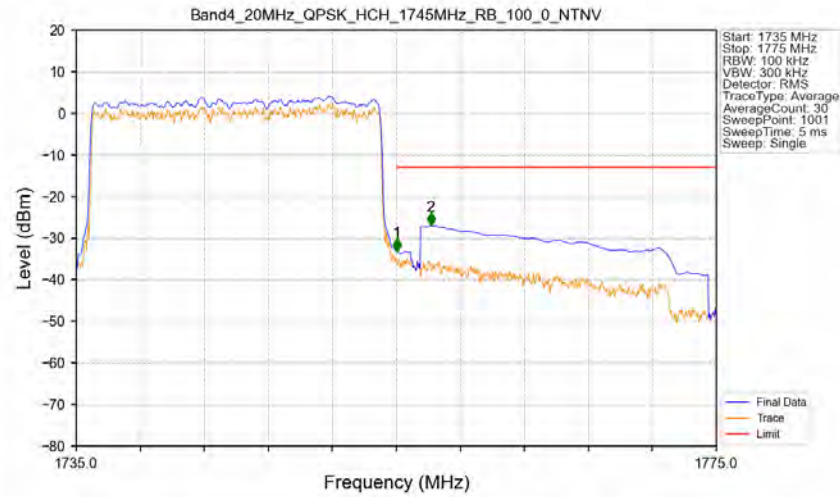


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTV



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	1755.016	-42.58	-13	Pass
1756	1775	1	CHP	2	1756.500	-41.76	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.040	-33.10	-13	Pass
1756	1775	1	CHP	2	1757.160	-27.02	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4 ANT13-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-61.88	-13	-48.88	-66.5	3.36	7.98	Horizontal	Pass
5133.0	-57.66	-13	-44.66	-63.27	4.61	10.22	Horizontal	Pass
6844.0	-55.69	-13	-42.69	-61.72	4.9	10.93	Horizontal	Pass
3422.0	-61.67	-13	-48.67	-66.29	3.36	7.98	Vertical	Pass
5133.0	-58.1	-13	-45.1	-63.71	4.61	10.22	Vertical	Pass
6844.0	-55.89	-13	-42.89	-61.92	4.9	10.93	Vertical	Pass

LTE Band 4 ANT13-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-61.24	-13	-48.24	-65.91	3.37	8.04	Horizontal	Pass
5170.5	-57.26	-13	-44.26	-62.89	4.62	10.25	Horizontal	Pass
6894.0	-55.53	-13	-42.53	-61.62	4.9	10.99	Horizontal	Pass
3447.0	-61.68	-13	-48.68	-66.35	3.37	8.04	Vertical	Pass
5170.5	-57.13	-13	-44.13	-62.76	4.62	10.25	Vertical	Pass
6894.0	-55.73	-13	-42.73	-61.82	4.9	10.99	Vertical	Pass

LTE Band 4 ANT13-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-62.29	-13	-49.29	-67.0	3.39	8.1	Horizontal	Pass
5208.0	-57.39	-13	-44.39	-63.02	4.64	10.27	Horizontal	Pass
6944.0	-55.93	-13	-42.93	-62.08	4.91	11.06	Horizontal	Pass
3472.0	-62.25	-13	-49.25	-66.96	3.39	8.1	Vertical	Pass
5208.0	-57.86	-13	-44.86	-63.49	4.64	10.27	Vertical	Pass
6944.0	-56.29	-13	-43.29	-62.44	4.91	11.06	Vertical	Pass

CA_4A_5A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-66.11	-13	-53.11	-70.73	3.36	7.98	Horizontal	Pass
5133.0	-63.18	-13	-50.18	-68.79	4.61	10.22	Horizontal	Pass
6844.0	-60.9	-13	-47.9	-66.93	4.9	10.93	Horizontal	Pass
3422.0	-66.67	-13	-53.67	-71.29	3.36	7.98	Vertical	Pass
5133.0	-63.0	-13	-50.0	-68.61	4.61	10.22	Vertical	Pass
6844.0	-61.0	-13	-48.0	-67.03	4.9	10.93	Vertical	Pass

CA_4A_5A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-66.78	-13	-53.78	-71.45	3.37	8.04	Horizontal	Pass
5170.5	-63.61	-13	-50.61	-69.24	4.62	10.25	Horizontal	Pass
6894.0	-61.39	-13	-48.39	-67.48	4.9	10.99	Horizontal	Pass
3447.0	-66.71	-13	-53.71	-71.38	3.37	8.04	Vertical	Pass
5170.5	-63.59	-13	-50.59	-69.22	4.62	10.25	Vertical	Pass
6894.0	-61.95	-13	-48.95	-68.04	4.9	10.99	Vertical	Pass

CA_4A_5A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-67.28	-13	-54.28	-71.99	3.39	8.1	Horizontal	Pass
5208.0	-63.45	-13	-50.45	-69.08	4.64	10.27	Horizontal	Pass
6944.0	-61.7	-13	-48.7	-67.85	4.91	11.06	Horizontal	Pass
3472.0	-67.49	-13	-54.49	-72.2	3.39	8.1	Vertical	Pass
5208.0	-63.53	-13	-50.53	-69.16	4.64	10.27	Vertical	Pass
6944.0	-60.99	-13	-47.99	-67.14	4.91	11.06	Vertical	Pass

CA_4A_7A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-61.59	-25	-36.59	-67.16	4.57	10.14	Horizontal	Pass
7503.0	-60.5	-25	-35.5	-67.3	4.94	11.74	Horizontal	Pass
10004.0	-57.1	-25	-32.1	-64.67	5.46	13.03	Horizontal	Pass
5002.0	-61.47	-25	-36.47	-67.04	4.57	10.14	Vertical	Pass
7503.0	-60.66	-25	-35.66	-67.46	4.94	11.74	Vertical	Pass
10004.0	-57.35	-25	-32.35	-64.92	5.46	13.03	Vertical	Pass

CA_4A_7A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-63.15	-25	-38.15	-68.73	4.59	10.17	Horizontal	Pass
7578.0	-60.65	-25	-35.65	-67.53	4.95	11.83	Horizontal	Pass
10104.0	-56.83	-25	-31.83	-64.4	5.48	13.05	Horizontal	Pass
5052.0	-63.57	-25	-38.57	-69.15	4.59	10.17	Vertical	Pass
7578.0	-60.62	-25	-35.62	-67.5	4.95	11.83	Vertical	Pass
10104.0	-57.35	-25	-32.35	-64.92	5.48	13.05	Vertical	Pass

CA_4A_7A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.76	-25	-38.76	-69.36	4.6	10.2	Horizontal	Pass
7653.0	-60.48	-25	-35.48	-67.45	4.95	11.92	Horizontal	Pass
10204.0	-57.44	-25	-32.44	-65.02	5.49	13.07	Horizontal	Pass
5102.0	-63.47	-25	-38.47	-69.07	4.6	10.2	Vertical	Pass
7653.0	-60.4	-25	-35.4	-67.37	4.95	11.92	Vertical	Pass
10204.0	-56.78	-25	-31.78	-64.36	5.49	13.07	Vertical	Pass