

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	23.28	-3.08	20.20	<=30	Pass
			2	23.48	-3.08	20.40	<=30	Pass
			5	23.15	-3.08	20.07	<=30	Pass
		3	0	23.18	-3.08	20.10	<=30	Pass
			2	23.19	-3.08	20.11	<=30	Pass
			3	23.16	-3.08	20.08	<=30	Pass
		6	0	22.22	-3.08	19.14	<=30	Pass
	1732.5	1	0	23.36	-3.08	20.28	<=30	Pass
			2	23.45	-3.08	20.37	<=30	Pass
			5	23.35	-3.08	20.27	<=30	Pass
		3	0	23.47	-3.08	20.39	<=30	Pass
			2	23.27	-3.08	20.19	<=30	Pass
			3	23.31	-3.08	20.23	<=30	Pass
		6	0	22.39	-3.08	19.31	<=30	Pass
	1754.3	1	0	23.32	-3.08	20.24	<=30	Pass
			2	23.45	-3.08	20.37	<=30	Pass
			5	23.53	-3.08	20.45	<=30	Pass
		3	0	23.48	-3.08	20.40	<=30	Pass
			2	23.58	-3.08	20.50	<=30	Pass
			3	23.52	-3.08	20.44	<=30	Pass
		6	0	22.55	-3.08	19.47	<=30	Pass
16QAM	1710.7	1	0	21.92	-3.08	18.84	<=30	Pass
			2	22.12	-3.08	19.04	<=30	Pass
			5	21.87	-3.08	18.79	<=30	Pass
		3	0	22.27	-3.08	19.19	<=30	Pass
			2	22.29	-3.08	19.21	<=30	Pass
			3	22.26	-3.08	19.18	<=30	Pass
		6	0	20.90	-3.08	17.82	<=30	Pass
	1732.5	1	0	22.00	-3.08	18.92	<=30	Pass
			2	22.17	-3.08	19.09	<=30	Pass
			5	21.98	-3.08	18.90	<=30	Pass
		3	0	22.32	-3.08	19.24	<=30	Pass
			2	22.28	-3.08	19.20	<=30	Pass
			3	22.35	-3.08	19.27	<=30	Pass
		6	0	21.31	-3.08	18.23	<=30	Pass
	1754.3	1	0	22.28	-3.08	19.20	<=30	Pass
			2	22.23	-3.08	19.15	<=30	Pass
			5	22.34	-3.08	19.26	<=30	Pass
		3	0	22.35	-3.08	19.27	<=30	Pass
			2	22.43	-3.08	19.35	<=30	Pass
			3	22.42	-3.08	19.34	<=30	Pass
		6	0	21.19	-3.08	18.11	<=30	Pass
64QAM	1710.7	1	0	21.21	-3.08	18.13	<=30	Pass
			2	21.57	-3.08	18.49	<=30	Pass
			5	21.27	-3.08	18.19	<=30	Pass
		3	0	21.56	-3.08	18.48	<=30	Pass
			2	21.70	-3.08	18.62	<=30	Pass
			3	21.59	-3.08	18.51	<=30	Pass
		6	0	20.82	-3.08	17.74	<=30	Pass

	1732.5	1	0	22.10	-3.08	19.02	<=30	Pass
			2	22.15	-3.08	19.07	<=30	Pass
			5	21.88	-3.08	18.80	<=30	Pass
		3	0	22.18	-3.08	19.10	<=30	Pass
			2	22.32	-3.08	19.24	<=30	Pass
			3	22.48	-3.08	19.40	<=30	Pass
	1754.3	6	0	21.47	-3.08	18.39	<=30	Pass
			0	21.95	-3.08	18.87	<=30	Pass
			2	21.92	-3.08	18.84	<=30	Pass
		1	5	21.96	-3.08	18.88	<=30	Pass
			0	22.41	-3.08	19.33	<=30	Pass
			2	22.54	-3.08	19.46	<=30	Pass
		3	3	22.58	-3.08	19.50	<=30	Pass
			6	21.55	-3.08	18.47	<=30	Pass
			0					

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	23.22	-3.08	20.14	<=30	Pass
			7	23.38	-3.08	20.30	<=30	Pass
			14	23.47	-3.08	20.39	<=30	Pass
		8	0	22.20	-3.08	19.12	<=30	Pass
			4	22.16	-3.08	19.08	<=30	Pass
			7	22.24	-3.08	19.16	<=30	Pass
		15	0	22.12	-3.08	19.04	<=30	Pass
	1732.5	1	0	23.47	-3.08	20.39	<=30	Pass
			7	23.55	-3.08	20.47	<=30	Pass
			14	23.51	-3.08	20.43	<=30	Pass
		8	0	22.27	-3.08	19.19	<=30	Pass
			4	22.28	-3.08	19.20	<=30	Pass
			7	22.35	-3.08	19.27	<=30	Pass
		15	0	22.32	-3.08	19.24	<=30	Pass
	1753.5	1	0	23.45	-3.08	20.37	<=30	Pass
			7	23.61	-3.08	20.53	<=30	Pass
			14	23.69	-3.08	20.61	<=30	Pass
		8	0	22.38	-3.08	19.30	<=30	Pass
			4	22.40	-3.08	19.32	<=30	Pass
			7	22.46	-3.08	19.38	<=30	Pass
		15	0	22.47	-3.08	19.39	<=30	Pass
16QAM	1711.5	1	0	22.18	-3.08	19.10	<=30	Pass
			7	21.83	-3.08	18.75	<=30	Pass
			14	22.46	-3.08	19.38	<=30	Pass
		8	0	21.23	-3.08	18.15	<=30	Pass
			4	21.32	-3.08	18.24	<=30	Pass
			7	21.56	-3.08	18.48	<=30	Pass
		15	0	21.10	-3.08	18.02	<=30	Pass
	1732.5	1	0	21.60	-3.08	18.52	<=30	Pass
			7	21.94	-3.08	18.86	<=30	Pass
			14	22.06	-3.08	18.98	<=30	Pass
		8	0	21.17	-3.08	18.09	<=30	Pass
			4	21.29	-3.08	18.21	<=30	Pass
			7	21.26	-3.08	18.18	<=30	Pass
		15	0	21.30	-3.08	18.22	<=30	Pass
	1753.5	1	0	22.13	-3.08	19.05	<=30	Pass

64QAM			7	22.12	-3.08	19.04	<=30	Pass
			14	22.07	-3.08	18.99	<=30	Pass
			0	21.06	-3.08	17.98	<=30	Pass
		8	4	21.18	-3.08	18.10	<=30	Pass
			7	21.14	-3.08	18.06	<=30	Pass
			15	21.23	-3.08	18.15	<=30	Pass
	1711.5	1	0	21.55	-3.08	18.47	<=30	Pass
			7	22.04	-3.08	18.96	<=30	Pass
			14	21.61	-3.08	18.53	<=30	Pass
		8	0	21.06	-3.08	17.98	<=30	Pass
			4	21.16	-3.08	18.08	<=30	Pass
			7	21.20	-3.08	18.12	<=30	Pass
		15	0	21.15	-3.08	18.07	<=30	Pass
		1	0	21.94	-3.08	18.86	<=30	Pass
			7	22.07	-3.08	18.99	<=30	Pass
			14	21.75	-3.08	18.67	<=30	Pass
		8	0	21.22	-3.08	18.14	<=30	Pass
			4	21.30	-3.08	18.22	<=30	Pass
			7	21.44	-3.08	18.36	<=30	Pass
		15	0	21.50	-3.08	18.42	<=30	Pass
	1753.5	1	0	21.84	-3.08	18.76	<=30	Pass
			7	22.06	-3.08	18.98	<=30	Pass
			14	22.12	-3.08	19.04	<=30	Pass
		8	0	21.31	-3.08	18.23	<=30	Pass
			4	21.29	-3.08	18.21	<=30	Pass
			7	21.32	-3.08	18.24	<=30	Pass
		15	0	21.37	-3.08	18.29	<=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	23.25	-3.08	20.17	<=30	Pass
			13	23.39	-3.08	20.31	<=30	Pass
			24	23.22	-3.08	20.14	<=30	Pass
		12	0	22.16	-3.08	19.08	<=30	Pass
			6	22.37	-3.08	19.29	<=30	Pass
			13	22.23	-3.08	19.15	<=30	Pass
		25	0	22.12	-3.08	19.04	<=30	Pass
	1732.5	1	0	23.37	-3.08	20.29	<=30	Pass
			13	23.43	-3.08	20.35	<=30	Pass
			24	23.33	-3.08	20.25	<=30	Pass
		12	0	22.38	-3.08	19.30	<=30	Pass
			6	22.37	-3.08	19.29	<=30	Pass
			13	22.46	-3.08	19.38	<=30	Pass
		25	0	22.32	-3.08	19.24	<=30	Pass
	1752.5	1	0	23.38	-3.08	20.30	<=30	Pass
			13	23.39	-3.08	20.31	<=30	Pass
			24	23.56	-3.08	20.48	<=30	Pass
		12	0	22.41	-3.08	19.33	<=30	Pass
			6	22.40	-3.08	19.32	<=30	Pass
			13	22.44	-3.08	19.36	<=30	Pass
		25	0	22.42	-3.08	19.34	<=30	Pass
16QAM	1712.5	1	0	21.99	-3.08	18.91	<=30	Pass
			13	22.11	-3.08	19.03	<=30	Pass

		12	24	22.06	-3.08	18.98	<=30	Pass	
			0	21.09	-3.08	18.01	<=30	Pass	
			6	21.15	-3.08	18.07	<=30	Pass	
			13	21.22	-3.08	18.14	<=30	Pass	
		25	0	21.17	-3.08	18.09	<=30	Pass	
	1732.5	1	0	22.22	-3.08	19.14	<=30	Pass	
			13	22.12	-3.08	19.04	<=30	Pass	
			24	21.98	-3.08	18.90	<=30	Pass	
		12	0	21.38	-3.08	18.30	<=30	Pass	
			6	21.39	-3.08	18.31	<=30	Pass	
			13	21.40	-3.08	18.32	<=30	Pass	
		25	0	21.26	-3.08	18.18	<=30	Pass	
		1752.5	1	0	22.03	-3.08	18.95	<=30	Pass
	13			22.33	-3.08	19.25	<=30	Pass	
	24			22.35	-3.08	19.27	<=30	Pass	
	12		0	21.38	-3.08	18.30	<=30	Pass	
			6	21.49	-3.08	18.41	<=30	Pass	
			13	21.58	-3.08	18.50	<=30	Pass	
	25		0	21.55	-3.08	18.47	<=30	Pass	
	64QAM	1712.5	1	0	21.74	-3.08	18.66	<=30	Pass
				13	21.35	-3.08	18.27	<=30	Pass
				24	21.82	-3.08	18.74	<=30	Pass
			12	0	20.99	-3.08	17.91	<=30	Pass
				6	21.36	-3.08	18.28	<=30	Pass
13				21.16	-3.08	18.08	<=30	Pass	
25			0	21.26	-3.08	18.18	<=30	Pass	
1732.5		1	0	22.03	-3.08	18.95	<=30	Pass	
			13	22.17	-3.08	19.09	<=30	Pass	
			24	21.99	-3.08	18.91	<=30	Pass	
		12	0	21.17	-3.08	18.09	<=30	Pass	
			6	21.12	-3.08	18.04	<=30	Pass	
			13	21.22	-3.08	18.14	<=30	Pass	
25		0	21.50	-3.08	18.42	<=30	Pass		
1752.5		1	0	22.04	-3.08	18.96	<=30	Pass	
			13	22.47	-3.08	19.39	<=30	Pass	
			24	22.19	-3.08	19.11	<=30	Pass	
		12	0	21.11	-3.08	18.03	<=30	Pass	
			6	21.13	-3.08	18.05	<=30	Pass	
			13	21.13	-3.08	18.05	<=30	Pass	
		25	0	21.38	-3.08	18.30	<=30	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.32	-3.08	20.24	<=30	Pass
			25	23.59	-3.08	20.51	<=30	Pass
			49	23.44	-3.08	20.36	<=30	Pass
		25	0	22.31	-3.08	19.23	<=30	Pass
			13	22.22	-3.08	19.14	<=30	Pass
			25	22.22	-3.08	19.14	<=30	Pass
		50	0	22.27	-3.08	19.19	<=30	Pass
	1732.5	1	0	23.31	-3.08	20.23	<=30	Pass
			25	23.53	-3.08	20.45	<=30	Pass
			49	23.45	-3.08	20.37	<=30	Pass

		25	0	22.35	-3.08	19.27	<=30	Pass
			13	22.41	-3.08	19.33	<=30	Pass
			25	22.57	-3.08	19.49	<=30	Pass
		50	0	22.30	-3.08	19.22	<=30	Pass
	1750	1	0	23.37	-3.08	20.29	<=30	Pass
			25	23.53	-3.08	20.45	<=30	Pass
			49	23.78	-3.08	20.70	<=30	Pass
		25	0	22.41	-3.08	19.33	<=30	Pass
			13	22.35	-3.08	19.27	<=30	Pass
			25	22.42	-3.08	19.34	<=30	Pass
		50	0	22.39	-3.08	19.31	<=30	Pass
16QAM	1715	1	0	21.52	-3.08	18.44	<=30	Pass
			25	22.03	-3.08	18.95	<=30	Pass
			49	21.51	-3.08	18.43	<=30	Pass
		25	0	21.26	-3.08	18.18	<=30	Pass
			13	21.56	-3.08	18.48	<=30	Pass
			25	21.22	-3.08	18.14	<=30	Pass
		50	0	21.17	-3.08	18.09	<=30	Pass
	1732.5	1	0	22.19	-3.08	19.11	<=30	Pass
			25	22.25	-3.08	19.17	<=30	Pass
			49	22.00	-3.08	18.92	<=30	Pass
		25	0	21.22	-3.08	18.14	<=30	Pass
			13	21.37	-3.08	18.29	<=30	Pass
			25	21.43	-3.08	18.35	<=30	Pass
		50	0	21.39	-3.08	18.31	<=30	Pass
	1750	1	0	22.39	-3.08	19.31	<=30	Pass
			25	22.36	-3.08	19.28	<=30	Pass
			49	22.56	-3.08	19.48	<=30	Pass
		25	0	21.37	-3.08	18.29	<=30	Pass
			13	21.53	-3.08	18.45	<=30	Pass
			25	21.60	-3.08	18.52	<=30	Pass
		50	0	21.49	-3.08	18.41	<=30	Pass
64QAM	1715	1	0	21.73	-3.08	18.65	<=30	Pass
			25	22.00	-3.08	18.92	<=30	Pass
			49	21.51	-3.08	18.43	<=30	Pass
		25	0	21.45	-3.08	18.37	<=30	Pass
			13	21.23	-3.08	18.15	<=30	Pass
			25	21.34	-3.08	18.26	<=30	Pass
		50	0	21.36	-3.08	18.28	<=30	Pass
	1732.5	1	0	22.00	-3.08	18.92	<=30	Pass
			25	22.09	-3.08	19.01	<=30	Pass
			49	21.80	-3.08	18.72	<=30	Pass
		25	0	21.47	-3.08	18.39	<=30	Pass
			13	21.31	-3.08	18.23	<=30	Pass
			25	21.33	-3.08	18.25	<=30	Pass
		50	0	21.41	-3.08	18.33	<=30	Pass
	1750	1	0	22.06	-3.08	18.98	<=30	Pass
			25	22.22	-3.08	19.14	<=30	Pass
			49	22.44	-3.08	19.36	<=30	Pass
		25	0	21.39	-3.08	18.31	<=30	Pass
			13	21.43	-3.08	18.35	<=30	Pass
50	0	21.50	-3.08	18.42	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.35	-3.08	20.27	<=30	Pass
			38	23.29	-3.08	20.21	<=30	Pass
			74	23.06	-3.08	19.98	<=30	Pass
		36	0	22.22	-3.08	19.14	<=30	Pass
			18	22.20	-3.08	19.12	<=30	Pass
			39	22.16	-3.08	19.08	<=30	Pass
		75	0	22.19	-3.08	19.11	<=30	Pass
	1732.5	1	0	23.54	-3.08	20.46	<=30	Pass
			38	23.55	-3.08	20.47	<=30	Pass
			74	23.54	-3.08	20.46	<=30	Pass
		36	0	22.43	-3.08	19.35	<=30	Pass
			18	22.29	-3.08	19.21	<=30	Pass
			39	22.36	-3.08	19.28	<=30	Pass
		75	0	22.29	-3.08	19.21	<=30	Pass
	1747.5	1	0	23.58	-3.08	20.50	<=30	Pass
			38	23.40	-3.08	20.32	<=30	Pass
			74	23.70	-3.08	20.62	<=30	Pass
		36	0	22.50	-3.08	19.42	<=30	Pass
			18	22.48	-3.08	19.40	<=30	Pass
			39	22.50	-3.08	19.42	<=30	Pass
		75	0	22.53	-3.08	19.45	<=30	Pass
16QAM	1717.5	1	0	21.90	-3.08	18.82	<=30	Pass
			38	22.13	-3.08	19.05	<=30	Pass
			74	21.83	-3.08	18.75	<=30	Pass
		36	0	21.33	-3.08	18.25	<=30	Pass
			18	21.18	-3.08	18.10	<=30	Pass
			39	21.45	-3.08	18.37	<=30	Pass
		75	0	21.18	-3.08	18.10	<=30	Pass
	1732.5	1	0	22.12	-3.08	19.04	<=30	Pass
			38	22.30	-3.08	19.22	<=30	Pass
			74	22.14	-3.08	19.06	<=30	Pass
		36	0	21.29	-3.08	18.21	<=30	Pass
			18	21.30	-3.08	18.22	<=30	Pass
			39	21.38	-3.08	18.30	<=30	Pass
		75	0	21.44	-3.08	18.36	<=30	Pass
	1747.5	1	0	22.26	-3.08	19.18	<=30	Pass
			38	22.20	-3.08	19.12	<=30	Pass
			74	22.32	-3.08	19.24	<=30	Pass
		36	0	21.37	-3.08	18.29	<=30	Pass
			18	21.43	-3.08	18.35	<=30	Pass
			39	21.47	-3.08	18.39	<=30	Pass
		75	0	21.41	-3.08	18.33	<=30	Pass
64QAM	1717.5	1	0	21.60	-3.08	18.52	<=30	Pass
			38	21.81	-3.08	18.73	<=30	Pass
			74	21.95	-3.08	18.87	<=30	Pass
		36	0	21.15	-3.08	18.07	<=30	Pass
			18	21.24	-3.08	18.16	<=30	Pass
			39	21.26	-3.08	18.18	<=30	Pass
		75	0	21.25	-3.08	18.17	<=30	Pass
	1732.5	1	0	22.10	-3.08	19.02	<=30	Pass
			38	22.15	-3.08	19.07	<=30	Pass
			74	21.95	-3.08	18.87	<=30	Pass
		36	0	21.48	-3.08	18.40	<=30	Pass
			18	21.28	-3.08	18.20	<=30	Pass
			39	21.43	-3.08	18.35	<=30	Pass
		75	0	21.34	-3.08	18.26	<=30	Pass

	1747.5	1	0	22.14	-3.08	19.06	<=30	Pass
			38	22.22	-3.08	19.14	<=30	Pass
			74	22.18	-3.08	19.10	<=30	Pass
		36	0	21.50	-3.08	18.42	<=30	Pass
			18	21.36	-3.08	18.28	<=30	Pass
			39	21.25	-3.08	18.17	<=30	Pass
		75	0	21.55	-3.08	18.47	<=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	23.15	-3.08	20.07	<=30	Pass
			50	23.48	-3.08	20.40	<=30	Pass
			99	23.39	-3.08	20.31	<=30	Pass
		50	0	22.18	-3.08	19.10	<=30	Pass
			25	22.20	-3.08	19.12	<=30	Pass
			50	22.31	-3.08	19.23	<=30	Pass
		100	0	22.19	-3.08	19.11	<=30	Pass
	1732.5	1	0	23.04	-3.08	19.96	<=30	Pass
			50	23.59	-3.08	20.51	<=30	Pass
			99	23.56	-3.08	20.48	<=30	Pass
		50	0	22.49	-3.08	19.41	<=30	Pass
			25	22.33	-3.08	19.25	<=30	Pass
			50	22.42	-3.08	19.34	<=30	Pass
		100	0	22.35	-3.08	19.27	<=30	Pass
	1745	1	0	23.60	-3.08	20.52	<=30	Pass
			50	23.63	-3.08	20.55	<=30	Pass
			99	23.90	-3.08	20.82	<=30	Pass
		50	0	22.53	-3.08	19.45	<=30	Pass
			25	22.48	-3.08	19.40	<=30	Pass
			50	22.34	-3.08	19.26	<=30	Pass
		100	0	22.52	-3.08	19.44	<=30	Pass
16QAM	1720	1	0	21.76	-3.08	18.68	<=30	Pass
			50	22.05	-3.08	18.97	<=30	Pass
			99	21.60	-3.08	18.52	<=30	Pass
		50	0	21.21	-3.08	18.13	<=30	Pass
			25	21.25	-3.08	18.17	<=30	Pass
			50	21.30	-3.08	18.22	<=30	Pass
		100	0	21.27	-3.08	18.19	<=30	Pass
	1732.5	1	0	21.91	-3.08	18.83	<=30	Pass
			50	22.07	-3.08	18.99	<=30	Pass
			99	22.13	-3.08	19.05	<=30	Pass
		50	0	21.31	-3.08	18.23	<=30	Pass
			25	21.42	-3.08	18.34	<=30	Pass
			50	21.44	-3.08	18.36	<=30	Pass
		100	0	21.34	-3.08	18.26	<=30	Pass
	1745	1	0	22.23	-3.08	19.15	<=30	Pass
			50	22.53	-3.08	19.45	<=30	Pass
			99	22.21	-3.08	19.13	<=30	Pass
		50	0	21.58	-3.08	18.50	<=30	Pass
			25	21.69	-3.08	18.61	<=30	Pass
			50	21.53	-3.08	18.45	<=30	Pass
		100	0	21.53	-3.08	18.45	<=30	Pass
64QAM	1720	1	0	21.69	-3.08	18.61	<=30	Pass

			50	22.18	-3.08	19.10	<=30	Pass
			99	21.74	-3.08	18.66	<=30	Pass
		50	0	21.30	-3.08	18.22	<=30	Pass
			25	21.31	-3.08	18.23	<=30	Pass
			50	21.17	-3.08	18.09	<=30	Pass
		100	0	21.43	-3.08	18.35	<=30	Pass
	1732.5	1	0	22.01	-3.08	18.93	<=30	Pass
			50	22.23	-3.08	19.15	<=30	Pass
			99	21.81	-3.08	18.73	<=30	Pass
		50	0	21.46	-3.08	18.38	<=30	Pass
			25	21.43	-3.08	18.35	<=30	Pass
			50	21.51	-3.08	18.43	<=30	Pass
	100	0	21.49	-3.08	18.41	<=30	Pass	
	1745	1	0	21.87	-3.08	18.79	<=30	Pass
			50	22.64	-3.08	19.56	<=30	Pass
			99	22.23	-3.08	19.15	<=30	Pass
		50	0	21.51	-3.08	18.43	<=30	Pass
			25	21.40	-3.08	18.32	<=30	Pass
			50	21.57	-3.08	18.49	<=30	Pass
	100	0	21.52	-3.08	18.44	<=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	20.4	6.100	0.0036	-2.5 to 2.5	Pass
					24	-0.600	-0.0004	-2.5 to 2.5	Pass
					27.6	0.800	0.0005	-2.5 to 2.5	Pass
				-30	24	5.700	0.0033	-2.5 to 2.5	Pass
				-20	24	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	24	4.900	0.0029	-2.5 to 2.5	Pass
				0	24	1.000	0.0006	-2.5 to 2.5	Pass
				10	24	5.100	0.0030	-2.5 to 2.5	Pass
				30	24	1.400	0.0008	-2.5 to 2.5	Pass
				40	24	5.700	0.0033	-2.5 to 2.5	Pass
				50	24	3.700	0.0022	-2.5 to 2.5	Pass
	1732.5	6	0	20	20.4	10.800	0.0062	-2.5 to 2.5	Pass
					24	10.100	0.0058	-2.5 to 2.5	Pass
					27.6	10.800	0.0062	-2.5 to 2.5	Pass
				-30	24	12.200	0.0070	-2.5 to 2.5	Pass
				-20	24	13.500	0.0078	-2.5 to 2.5	Pass
				-10	24	13.200	0.0076	-2.5 to 2.5	Pass
				0	24	10.400	0.0060	-2.5 to 2.5	Pass
				10	24	13.200	0.0076	-2.5 to 2.5	Pass
				30	24	14.700	0.0085	-2.5 to 2.5	Pass
				40	24	14.200	0.0082	-2.5 to 2.5	Pass
				50	24	12.300	0.0071	-2.5 to 2.5	Pass
	1754.3	6	0	20	20.4	6.500	0.0037	-2.5 to 2.5	Pass
					24	9.900	0.0056	-2.5 to 2.5	Pass
					27.6	7.400	0.0042	-2.5 to 2.5	Pass
				-30	24	6.800	0.0039	-2.5 to 2.5	Pass

				-20	24	8.400	0.0048	-2.5 to 2.5	Pass
				-10	24	7.100	0.0040	-2.5 to 2.5	Pass
				0	24	10.300	0.0059	-2.5 to 2.5	Pass
				10	24	6.700	0.0038	-2.5 to 2.5	Pass
				30	24	8.000	0.0046	-2.5 to 2.5	Pass
				40	24	5.700	0.0032	-2.5 to 2.5	Pass
				50	24	6.300	0.0036	-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	20.4	8.000	0.0047	-2.5 to 2.5	Pass
					24	8.700	0.0051	-2.5 to 2.5	Pass
					27.6	6.300	0.0037	-2.5 to 2.5	Pass
				-30	24	6.600	0.0039	-2.5 to 2.5	Pass
				-20	24	7.000	0.0041	-2.5 to 2.5	Pass
				-10	24	8.200	0.0048	-2.5 to 2.5	Pass
				0	24	5.800	0.0034	-2.5 to 2.5	Pass
				10	24	7.600	0.0044	-2.5 to 2.5	Pass
				30	24	10.200	0.0060	-2.5 to 2.5	Pass
				40	24	8.500	0.0050	-2.5 to 2.5	Pass
				50	24	4.700	0.0027	-2.5 to 2.5	Pass
	1732.5	15	0	20	20.4	2.300	0.0013	-2.5 to 2.5	Pass
					24	3.100	0.0018	-2.5 to 2.5	Pass
					27.6	2.000	0.0012	-2.5 to 2.5	Pass
				-30	24	2.700	0.0016	-2.5 to 2.5	Pass
				-20	24	1.000	0.0006	-2.5 to 2.5	Pass
				-10	24	4.600	0.0027	-2.5 to 2.5	Pass
				0	24	0.600	0.0003	-2.5 to 2.5	Pass
				10	24	1.600	0.0009	-2.5 to 2.5	Pass
				30	24	2.900	0.0017	-2.5 to 2.5	Pass
				40	24	1.300	0.0008	-2.5 to 2.5	Pass
				50	24	0.800	0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	20.4	5.000	0.0029	-2.5 to 2.5	Pass
					24	1.700	0.0010	-2.5 to 2.5	Pass
					27.6	4.400	0.0025	-2.5 to 2.5	Pass
				-30	24	0.300	0.0002	-2.5 to 2.5	Pass
				-20	24	3.800	0.0022	-2.5 to 2.5	Pass
				-10	24	1.100	0.0006	-2.5 to 2.5	Pass
				0	24	3.400	0.0019	-2.5 to 2.5	Pass
				10	24	2.400	0.0014	-2.5 to 2.5	Pass
				30	24	2.000	0.0011	-2.5 to 2.5	Pass
				40	24	2.100	0.0012	-2.5 to 2.5	Pass
				50	24	4.200	0.0024	-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	20.4	6.200	0.0036	-2.5 to 2.5	Pass
					24	6.500	0.0038	-2.5 to 2.5	Pass
					27.6	5.300	0.0031	-2.5 to 2.5	Pass
				-30	24	7.000	0.0041	-2.5 to 2.5	Pass

				-20	24	6.200	0.0036	-2.5 to 2.5	Pass
				-10	24	4.200	0.0025	-2.5 to 2.5	Pass
				0	24	4.700	0.0027	-2.5 to 2.5	Pass
				10	24	7.800	0.0046	-2.5 to 2.5	Pass
				30	24	5.100	0.0030	-2.5 to 2.5	Pass
				40	24	7.300	0.0043	-2.5 to 2.5	Pass
				50	24	3.000	0.0018	-2.5 to 2.5	Pass
	1732.5	25	0	20	20.4	1.900	0.0011	-2.5 to 2.5	Pass
					24	3.700	0.0021	-2.5 to 2.5	Pass
					27.6	1.100	0.0006	-2.5 to 2.5	Pass
				-30	24	2.600	0.0015	-2.5 to 2.5	Pass
				-20	24	2.200	0.0013	-2.5 to 2.5	Pass
				-10	24	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	24	1.300	0.0008	-2.5 to 2.5	Pass
				10	24	0.800	0.0005	-2.5 to 2.5	Pass
				30	24	1.100	0.0006	-2.5 to 2.5	Pass
				40	24	2.300	0.0013	-2.5 to 2.5	Pass
				50	24	2.800	0.0016	-2.5 to 2.5	Pass
	1752.5	25	0	20	20.4	-1.000	-0.0006	-2.5 to 2.5	Pass
					24	0.600	0.0003	-2.5 to 2.5	Pass
					27.6	0.700	0.0004	-2.5 to 2.5	Pass
				-30	24	-1.800	-0.0010	-2.5 to 2.5	Pass
				-20	24	0.600	0.0003	-2.5 to 2.5	Pass
				-10	24	-0.600	-0.0003	-2.5 to 2.5	Pass
				0	24	-0.500	-0.0003	-2.5 to 2.5	Pass
				10	24	-1.900	-0.0011	-2.5 to 2.5	Pass
				30	24	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	24	0.200	0.0001	-2.5 to 2.5	Pass
				50	24	-2.100	-0.0012	-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	20.4	-3.700	-0.0022	-2.5 to 2.5	Pass
					24	-2.700	-0.0016	-2.5 to 2.5	Pass
					27.6	-4.800	-0.0028	-2.5 to 2.5	Pass
				-30	24	-4.800	-0.0028	-2.5 to 2.5	Pass
				-20	24	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	24	-3.500	-0.0020	-2.5 to 2.5	Pass
				0	24	-4.500	-0.0026	-2.5 to 2.5	Pass
				10	24	-3.100	-0.0018	-2.5 to 2.5	Pass
				30	24	-4.300	-0.0025	-2.5 to 2.5	Pass
				40	24	-4.200	-0.0024	-2.5 to 2.5	Pass
				50	24	-3.300	-0.0019	-2.5 to 2.5	Pass
	1732.5	50	0	20	20.4	3.000	0.0017	-2.5 to 2.5	Pass
					24	4.900	0.0028	-2.5 to 2.5	Pass
					27.6	2.200	0.0013	-2.5 to 2.5	Pass
				-30	24	1.500	0.0009	-2.5 to 2.5	Pass
				-20	24	2.400	0.0014	-2.5 to 2.5	Pass
				-10	24	4.900	0.0028	-2.5 to 2.5	Pass
				0	24	1.500	0.0009	-2.5 to 2.5	Pass
				10	24	1.900	0.0011	-2.5 to 2.5	Pass
				30	24	1.300	0.0008	-2.5 to 2.5	Pass
				40	24	1.900	0.0011	-2.5 to 2.5	Pass
				50	24	2.000	0.0012	-2.5 to 2.5	Pass

	1750	50	0	20	20.4	3.200	0.0018	-2.5 to 2.5	Pass
					24	5.200	0.0030	-2.5 to 2.5	Pass
					27.6	6.100	0.0035	-2.5 to 2.5	Pass
				-30	24	4.200	0.0024	-2.5 to 2.5	Pass
				-20	24	5.400	0.0031	-2.5 to 2.5	Pass
				-10	24	4.700	0.0027	-2.5 to 2.5	Pass
				0	24	5.900	0.0034	-2.5 to 2.5	Pass
				10	24	3.400	0.0019	-2.5 to 2.5	Pass
				30	24	3.500	0.0020	-2.5 to 2.5	Pass
				40	24	4.300	0.0025	-2.5 to 2.5	Pass
				50	24	3.900	0.0022	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	20.4	0.500	0.0003	-2.5 to 2.5	Pass
					24	2.300	0.0013	-2.5 to 2.5	Pass
					27.6	2.200	0.0013	-2.5 to 2.5	Pass
				-30	24	2.900	0.0017	-2.5 to 2.5	Pass
				-20	24	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	24	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	24	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	24	0.500	0.0003	-2.5 to 2.5	Pass
				30	24	1.400	0.0008	-2.5 to 2.5	Pass
				40	24	2.600	0.0015	-2.5 to 2.5	Pass
				50	24	2.800	0.0016	-2.5 to 2.5	Pass
	1732.5	75	0	20	20.4	0.600	0.0003	-2.5 to 2.5	Pass
					24	4.400	0.0025	-2.5 to 2.5	Pass
					27.6	0.900	0.0005	-2.5 to 2.5	Pass
				-30	24	2.700	0.0016	-2.5 to 2.5	Pass
				-20	24	1.600	0.0009	-2.5 to 2.5	Pass
				-10	24	2.000	0.0012	-2.5 to 2.5	Pass
				0	24	0.100	0.0001	-2.5 to 2.5	Pass
				10	24	1.000	0.0006	-2.5 to 2.5	Pass
				30	24	2.000	0.0012	-2.5 to 2.5	Pass
				40	24	3.100	0.0018	-2.5 to 2.5	Pass
				50	24	2.400	0.0014	-2.5 to 2.5	Pass
	1747.5	75	0	20	20.4	3.900	0.0022	-2.5 to 2.5	Pass
					24	2.500	0.0014	-2.5 to 2.5	Pass
					27.6	0.000	0.0000	-2.5 to 2.5	Pass
				-30	24	2.100	0.0012	-2.5 to 2.5	Pass
				-20	24	2.100	0.0012	-2.5 to 2.5	Pass
				-10	24	2.800	0.0016	-2.5 to 2.5	Pass
				0	24	2.500	0.0014	-2.5 to 2.5	Pass
				10	24	3.100	0.0018	-2.5 to 2.5	Pass
				30	24	3.300	0.0019	-2.5 to 2.5	Pass
				40	24	3.100	0.0018	-2.5 to 2.5	Pass
				50	24	2.600	0.0015	-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	20.4	6.900	0.0040	-2.5 to 2.5	Pass
					24	6.900	0.0040	-2.5 to 2.5	Pass
					27.6	3.000	0.0017	-2.5 to 2.5	Pass
				-30	24	3.800	0.0022	-2.5 to 2.5	Pass
				-20	24	4.800	0.0028	-2.5 to 2.5	Pass
				-10	24	2.400	0.0014	-2.5 to 2.5	Pass
				0	24	4.400	0.0026	-2.5 to 2.5	Pass
				10	24	3.100	0.0018	-2.5 to 2.5	Pass
				30	24	4.500	0.0026	-2.5 to 2.5	Pass
				40	24	4.600	0.0027	-2.5 to 2.5	Pass
				50	24	3.400	0.0020	-2.5 to 2.5	Pass
	1732.5	100	0	20	20.4	0.800	0.0005	-2.5 to 2.5	Pass
					24	-0.600	-0.0003	-2.5 to 2.5	Pass
					27.6	0.200	0.0001	-2.5 to 2.5	Pass
				-30	24	0.300	0.0002	-2.5 to 2.5	Pass
				-20	24	0.300	0.0002	-2.5 to 2.5	Pass
				-10	24	2.100	0.0012	-2.5 to 2.5	Pass
				0	24	3.600	0.0021	-2.5 to 2.5	Pass
				10	24	2.400	0.0014	-2.5 to 2.5	Pass
				30	24	2.500	0.0014	-2.5 to 2.5	Pass
				40	24	1.300	0.0008	-2.5 to 2.5	Pass
				50	24	0.600	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	20.4	-1.900	-0.0011	-2.5 to 2.5	Pass
					24	-1.600	-0.0009	-2.5 to 2.5	Pass
					27.6	-2.200	-0.0013	-2.5 to 2.5	Pass
				-30	24	-1.700	-0.0010	-2.5 to 2.5	Pass
				-20	24	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	24	-0.700	-0.0004	-2.5 to 2.5	Pass
				0	24	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	24	-2.300	-0.0013	-2.5 to 2.5	Pass
				30	24	-3.800	-0.0022	-2.5 to 2.5	Pass
				40	24	-0.900	-0.0005	-2.5 to 2.5	Pass
				50	24	-4.200	-0.0024	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.103	/	Pass
		1732.5	6	0	1.100	/	Pass
		1754.3	6	0	1.098	/	Pass
	16QAM	1710.7	6	0	1.098	/	Pass
		1732.5	6	0	1.100	/	Pass
		1754.3	6	0	1.101	/	Pass
	64QAM	1710.7	6	0	1.099	/	Pass
		1732.5	6	0	1.099	/	Pass
		1754.3	6	0	1.099	/	Pass
3	QPSK	1711.5	15	0	2.731	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.732	/	Pass
		1732.5	15	0	2.725	/	Pass

	64QAM	1753.5	15	0	2.736	/	Pass
		1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.735	/	Pass
		1753.5	15	0	2.734	/	Pass
5	QPSK	1712.5	25	0	4.498	/	Pass
		1732.5	25	0	4.504	/	Pass
		1752.5	25	0	4.501	/	Pass
	16QAM	1712.5	25	0	4.505	/	Pass
		1732.5	25	0	4.506	/	Pass
		1752.5	25	0	4.505	/	Pass
	64QAM	1712.5	25	0	4.501	/	Pass
		1732.5	25	0	4.497	/	Pass
		1752.5	25	0	4.501	/	Pass
10	QPSK	1715	50	0	8.998	/	Pass
		1732.5	50	0	8.982	/	Pass
		1750	50	0	9.013	/	Pass
	16QAM	1715	50	0	8.952	/	Pass
		1732.5	50	0	8.956	/	Pass
		1750	50	0	8.969	/	Pass
	64QAM	1715	50	0	8.995	/	Pass
		1732.5	50	0	8.989	/	Pass
		1750	50	0	8.984	/	Pass
15	QPSK	1717.5	75	0	13.483	/	Pass
		1732.5	75	0	13.462	/	Pass
		1747.5	75	0	13.456	/	Pass
	16QAM	1717.5	75	0	13.434	/	Pass
		1732.5	75	0	13.409	/	Pass
		1747.5	75	0	13.442	/	Pass
	64QAM	1717.5	75	0	13.479	/	Pass
		1732.5	75	0	13.427	/	Pass
		1747.5	75	0	13.447	/	Pass
20	QPSK	1720	100	0	17.971	/	Pass
		1732.5	100	0	17.954	/	Pass
		1745	100	0	17.961	/	Pass
	16QAM	1720	100	0	18.003	/	Pass
		1732.5	100	0	17.959	/	Pass
		1745	100	0	17.988	/	Pass
	64QAM	1720	100	0	18.011	/	Pass
		1732.5	100	0	17.931	/	Pass
		1745	100	0	17.995	/	Pass

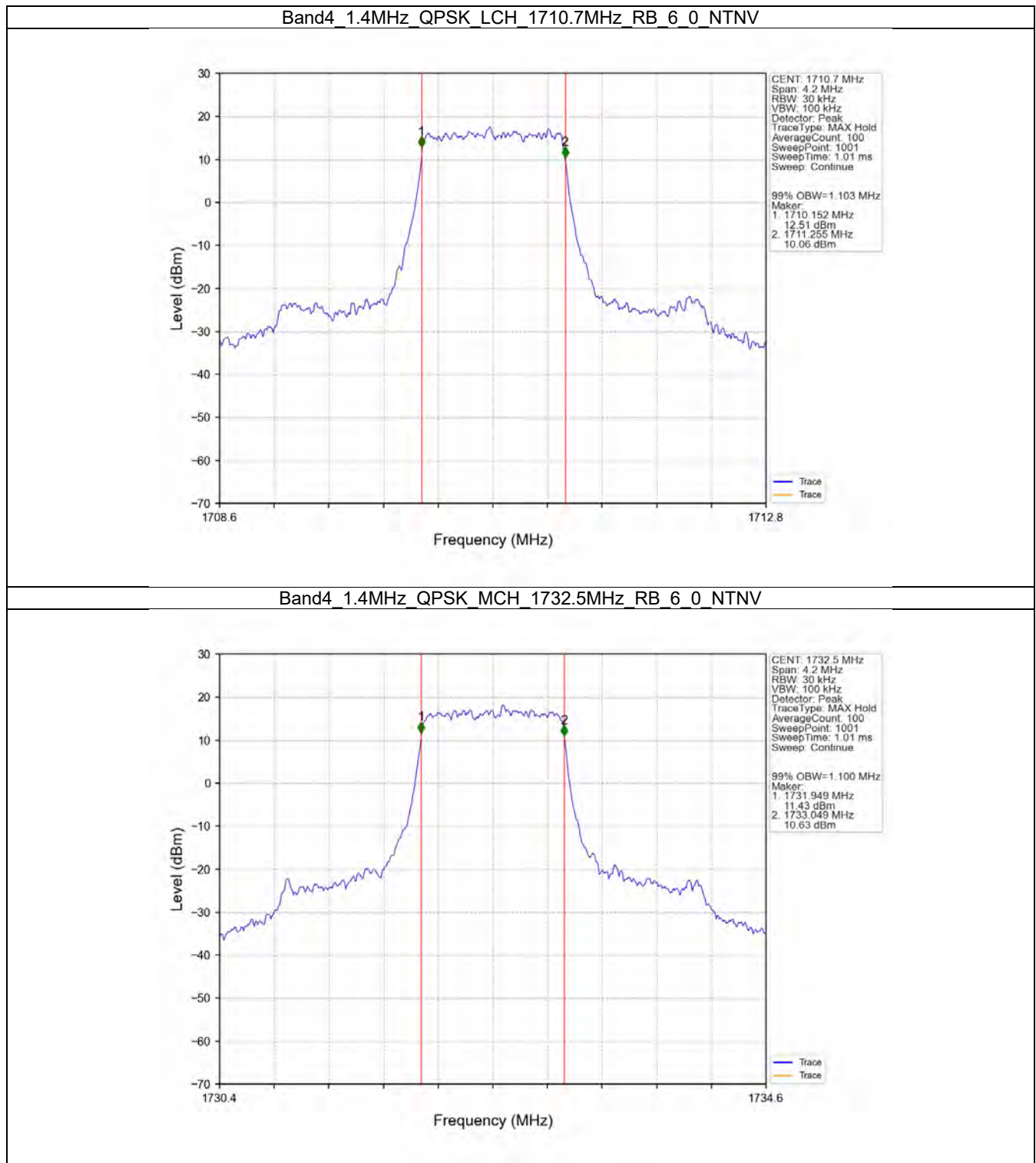
3.1.2 Band4_XDB

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	1.297	/	Pass
		1732.5	6	0	1.285	/	Pass
		1754.3	6	0	1.281	/	Pass
	16QAM	1710.7	6	0	1.285	/	Pass
		1732.5	6	0	1.287	/	Pass
		1754.3	6	0	1.296	/	Pass
	64QAM	1710.7	6	0	1.307	/	Pass
		1732.5	6	0	1.316	/	Pass
3	QPSK	1711.5	15	0	3.053	/	Pass
		1732.5	15	0	3.050	/	Pass

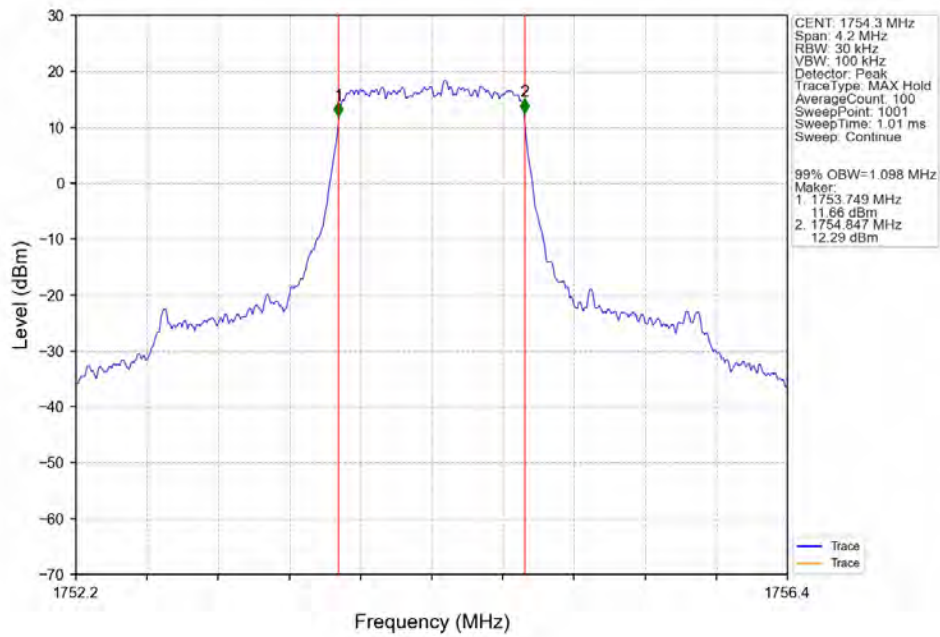
	16QAM	1753.5	15	0	3.058	/	Pass
		1711.5	15	0	3.052	/	Pass
		1732.5	15	0	3.050	/	Pass
		1753.5	15	0	3.063	/	Pass
	64QAM	1711.5	15	0	3.048	/	Pass
		1732.5	15	0	3.059	/	Pass
		1753.5	15	0	3.070	/	Pass
5	QPSK	1712.5	25	0	5.018	/	Pass
		1732.5	25	0	5.043	/	Pass
		1752.5	25	0	5.014	/	Pass
	16QAM	1712.5	25	0	5.045	/	Pass
		1732.5	25	0	5.009	/	Pass
		1752.5	25	0	4.976	/	Pass
	64QAM	1712.5	25	0	4.981	/	Pass
		1732.5	25	0	4.981	/	Pass
10	QPSK	1715	50	0	4.996	/	Pass
		1732.5	50	0	9.939	/	Pass
		1750	50	0	9.818	/	Pass
	16QAM	1715	50	0	9.879	/	Pass
		1732.5	50	0	9.798	/	Pass
		1750	50	0	9.798	/	Pass
	64QAM	1715	50	0	9.905	/	Pass
		1732.5	50	0	9.870	/	Pass
15	QPSK	1732.5	50	0	9.850	/	Pass
		1750	50	0	9.883	/	Pass
		1717.5	75	0	14.785	/	Pass
	16QAM	1732.5	75	0	14.748	/	Pass
		1747.5	75	0	14.670	/	Pass
		1717.5	75	0	14.775	/	Pass
	64QAM	1732.5	75	0	14.628	/	Pass
		1747.5	75	0	14.685	/	Pass
20	QPSK	1717.5	75	0	14.740	/	Pass
		1732.5	75	0	14.616	/	Pass
		1747.5	75	0	14.682	/	Pass
	16QAM	1720	100	0	19.709	/	Pass
		1732.5	100	0	19.652	/	Pass
		1745	100	0	19.701	/	Pass
	64QAM	1720	100	0	19.481	/	Pass
		1732.5	100	0	19.558	/	Pass
		1745	100	0	19.602	/	Pass
	QPSK	1720	100	0	19.656	/	Pass
		1732.5	100	0	19.674	/	Pass
		1745	100	0	19.695	/	Pass
	16QAM	1720	100	0	19.656	/	Pass
		1732.5	100	0	19.674	/	Pass
		1745	100	0	19.695	/	Pass
	64QAM	1720	100	0	19.656	/	Pass
		1732.5	100	0	19.674	/	Pass

3.2 Test Graph

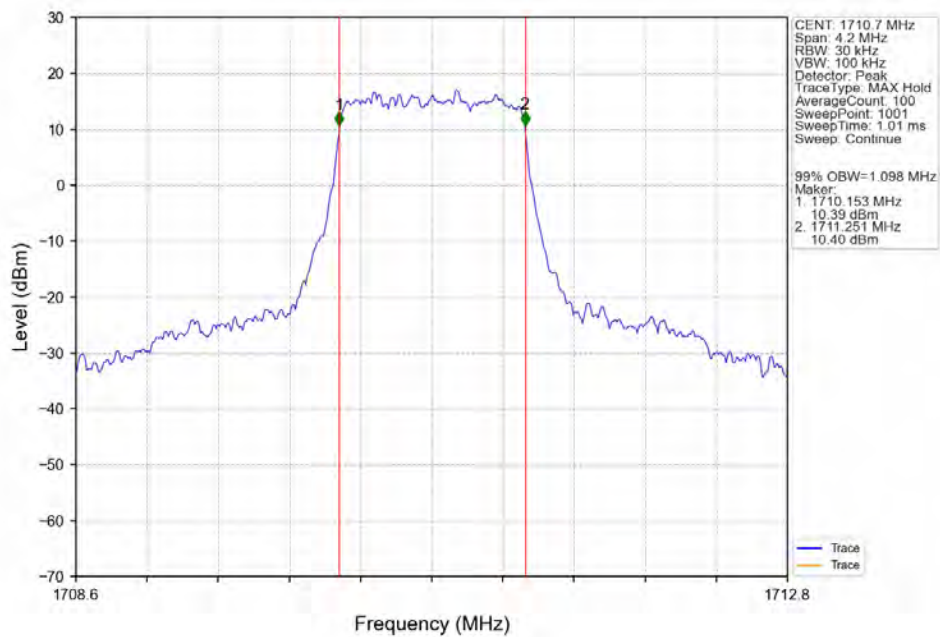
3.2.1 Band4_OBW



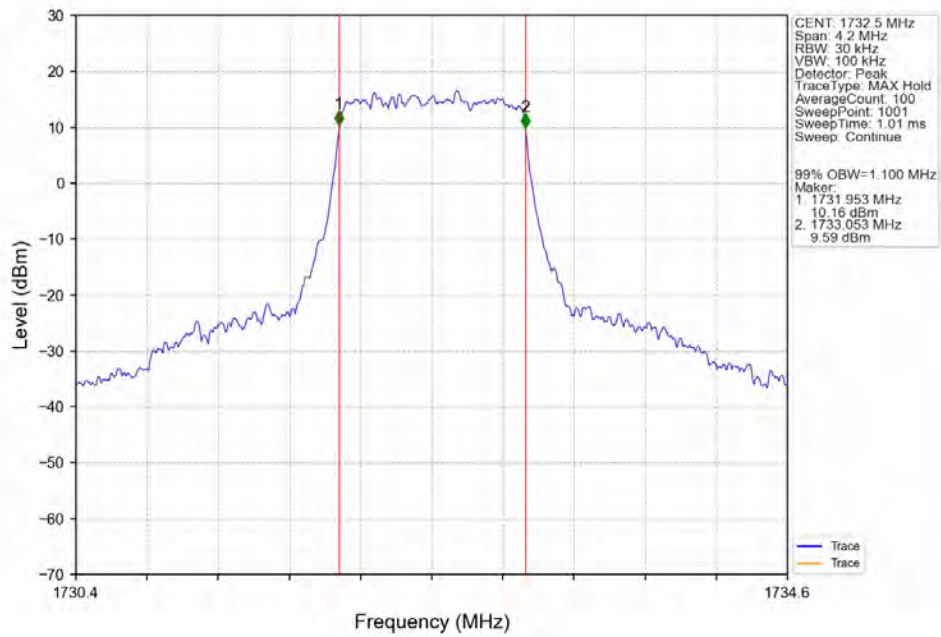
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



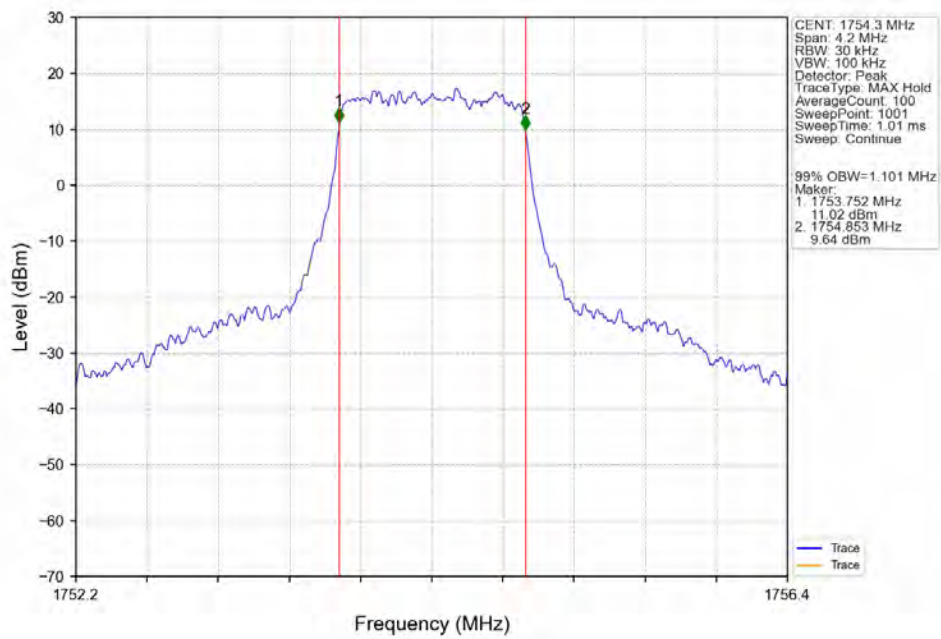
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



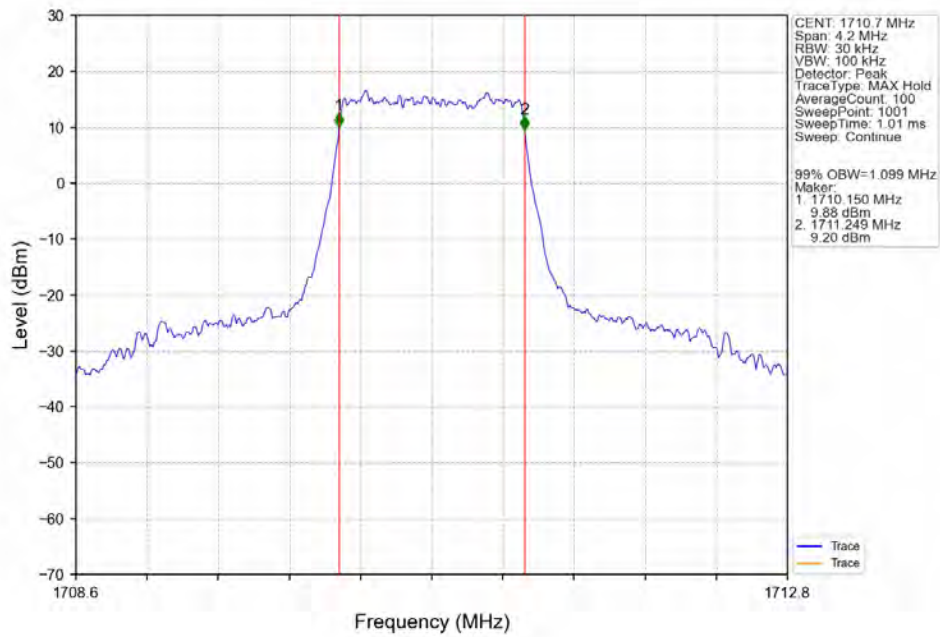
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



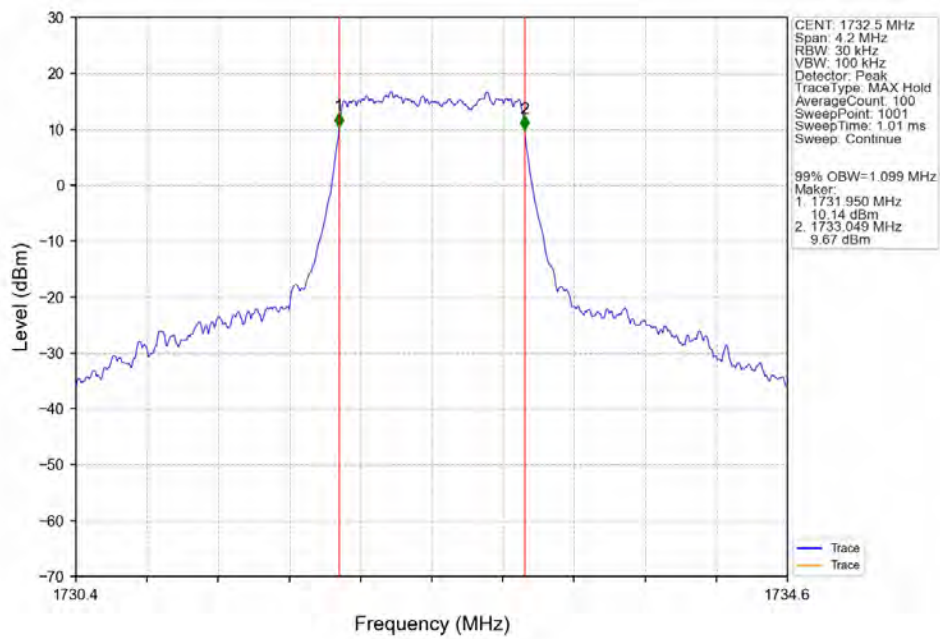
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



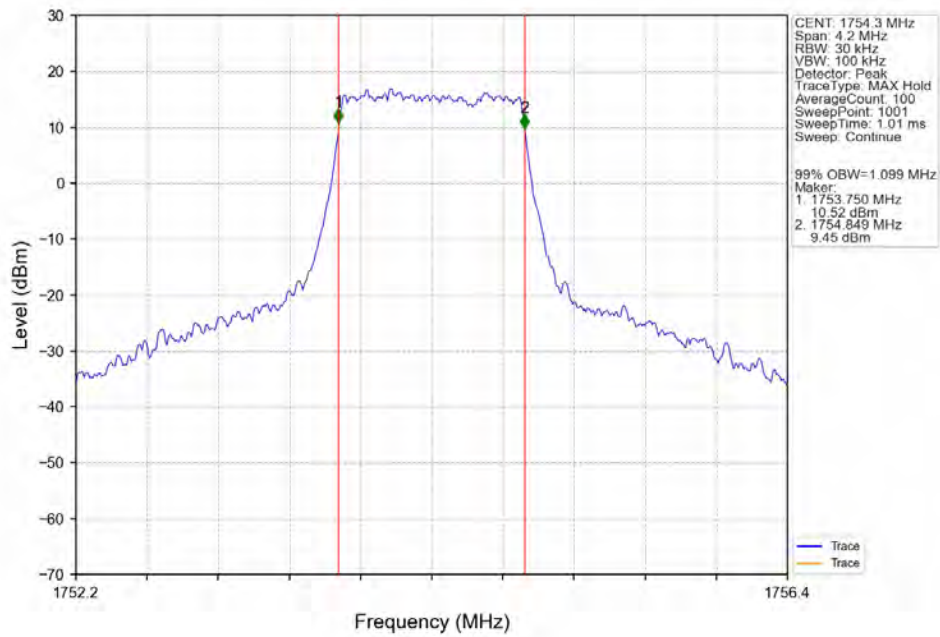
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



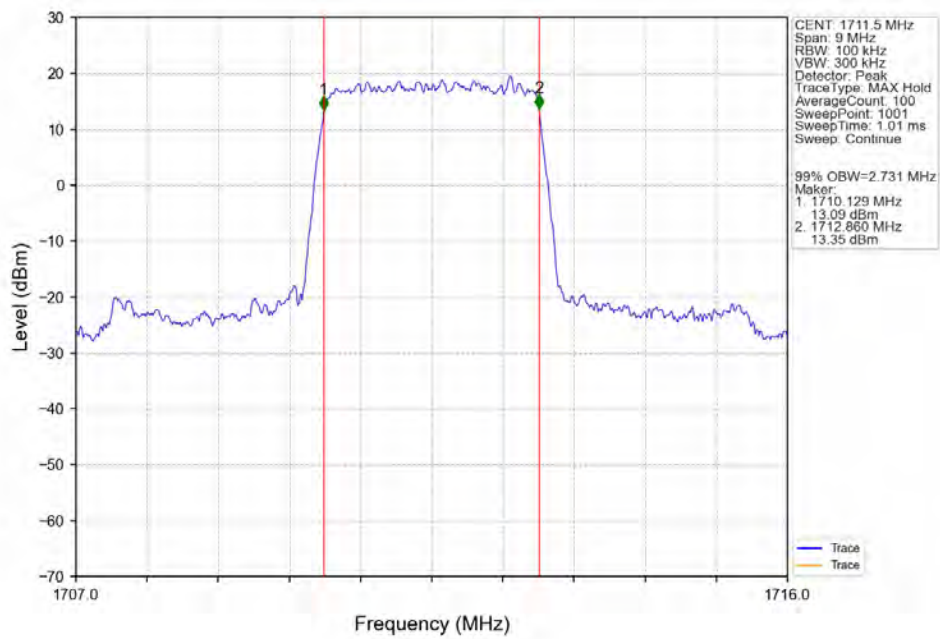
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



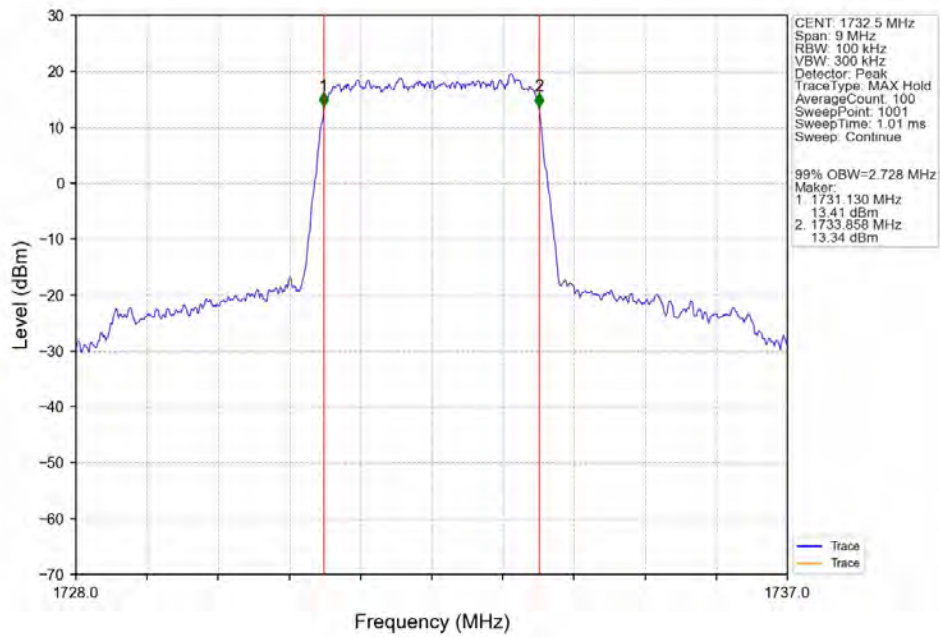
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



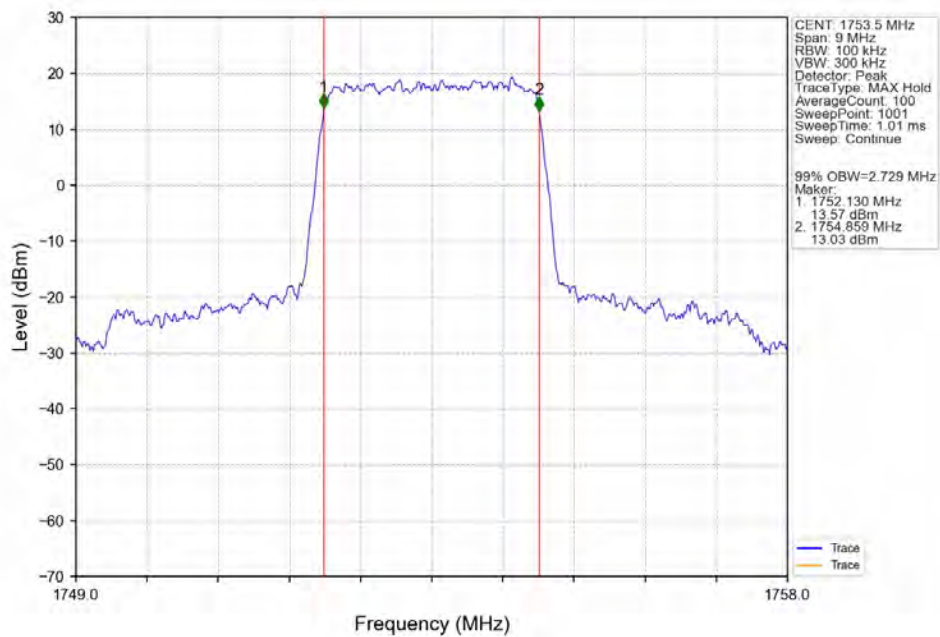
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



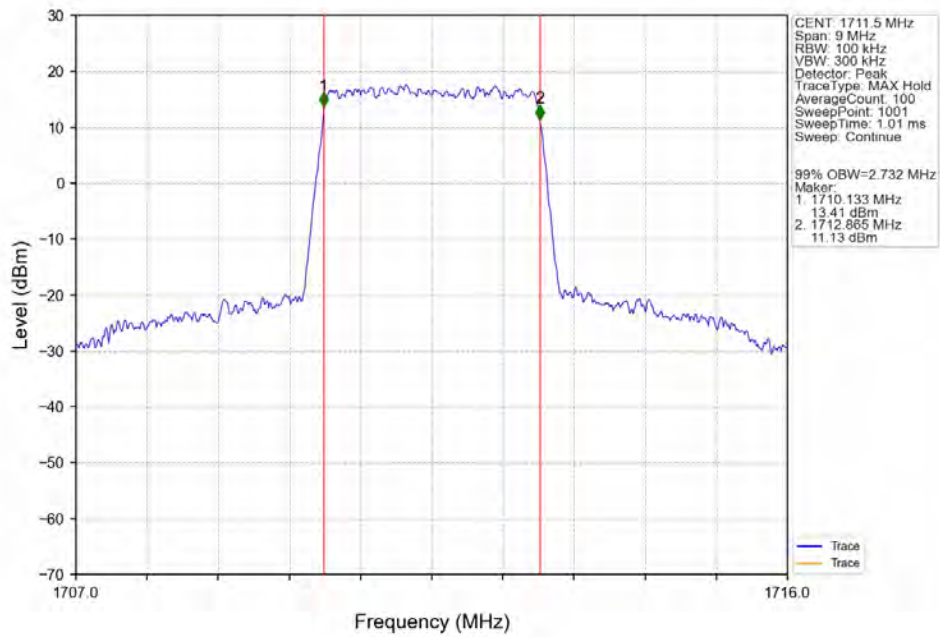
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



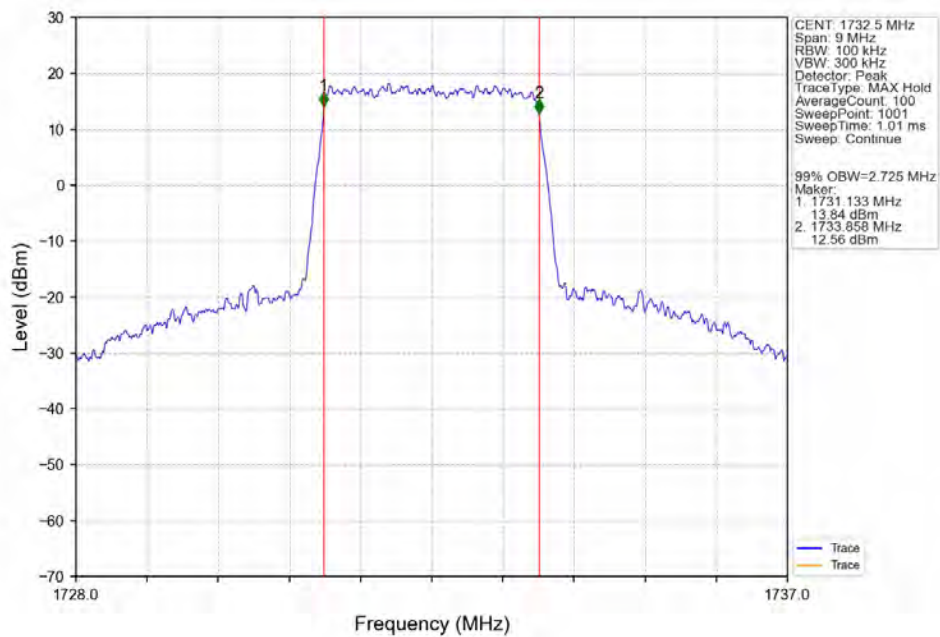
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



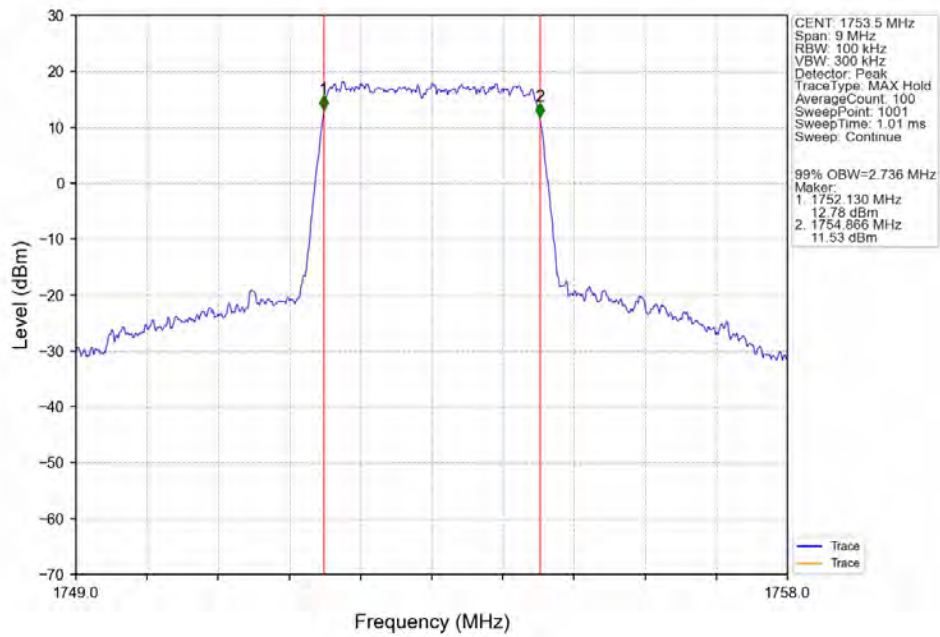
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



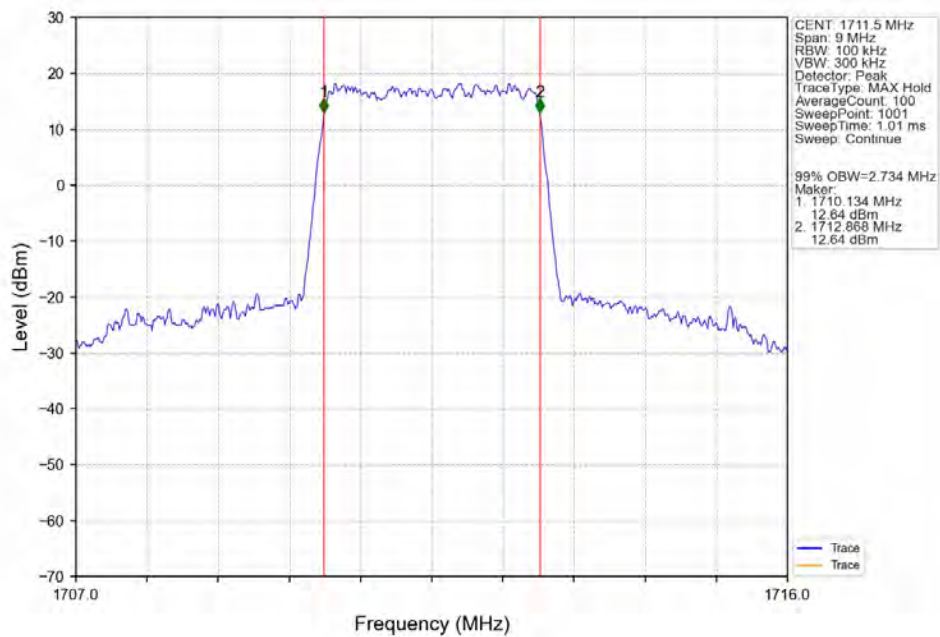
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



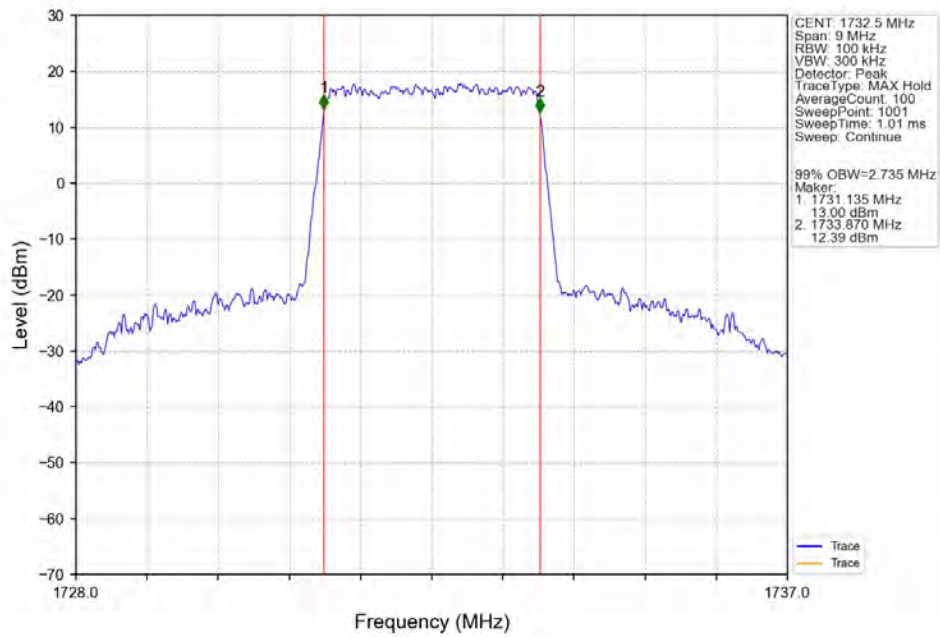
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



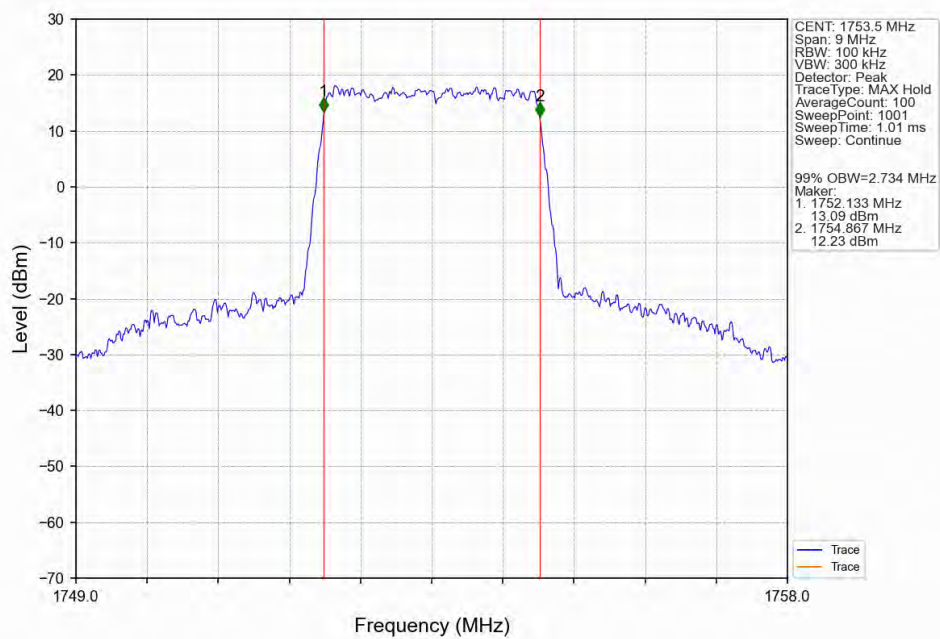
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



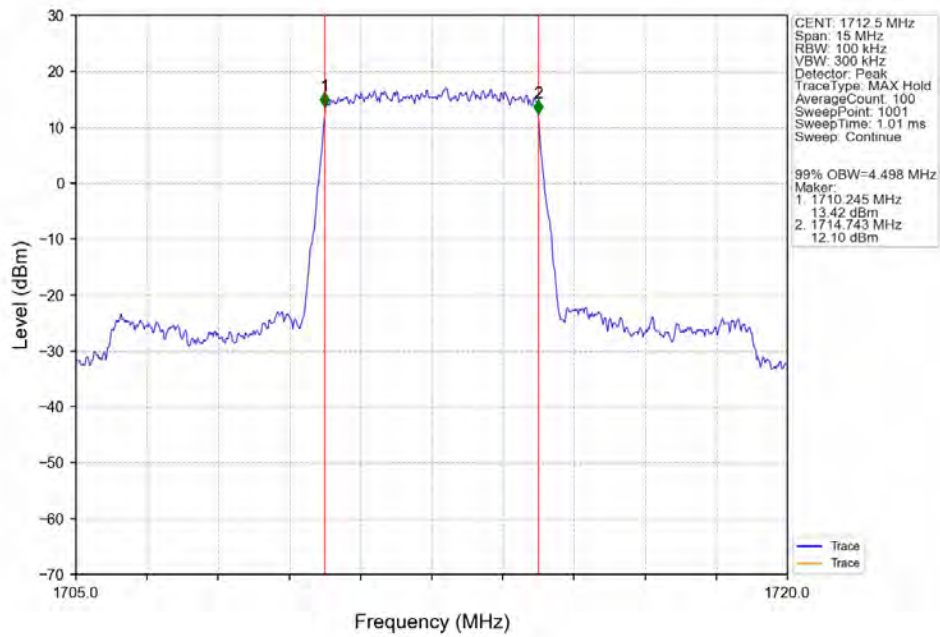
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



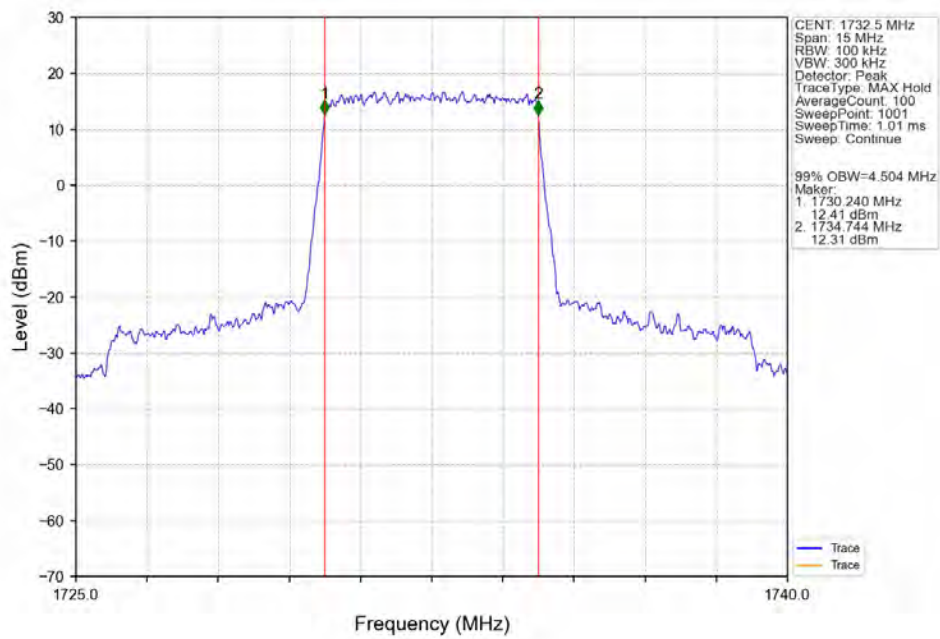
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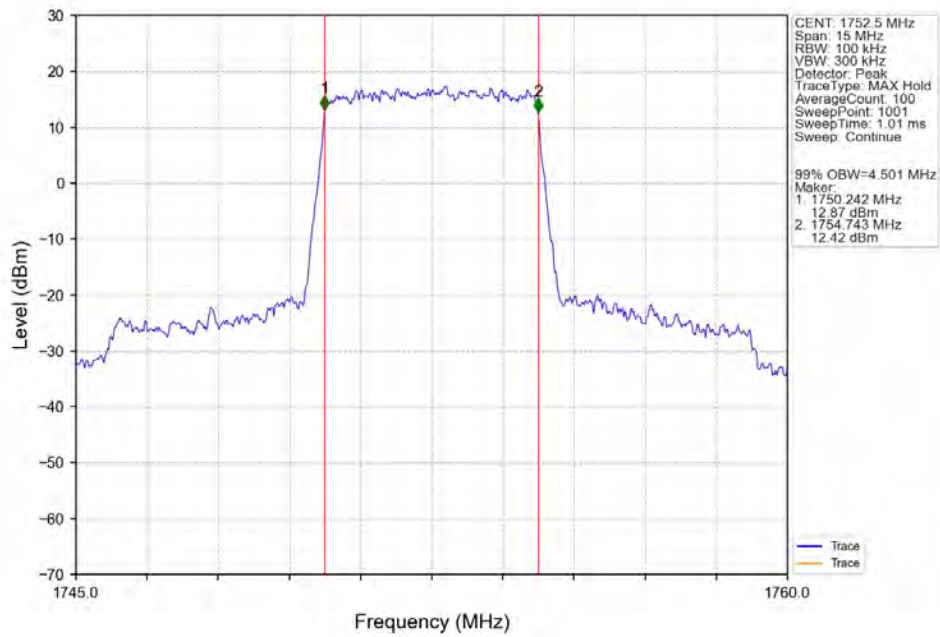
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



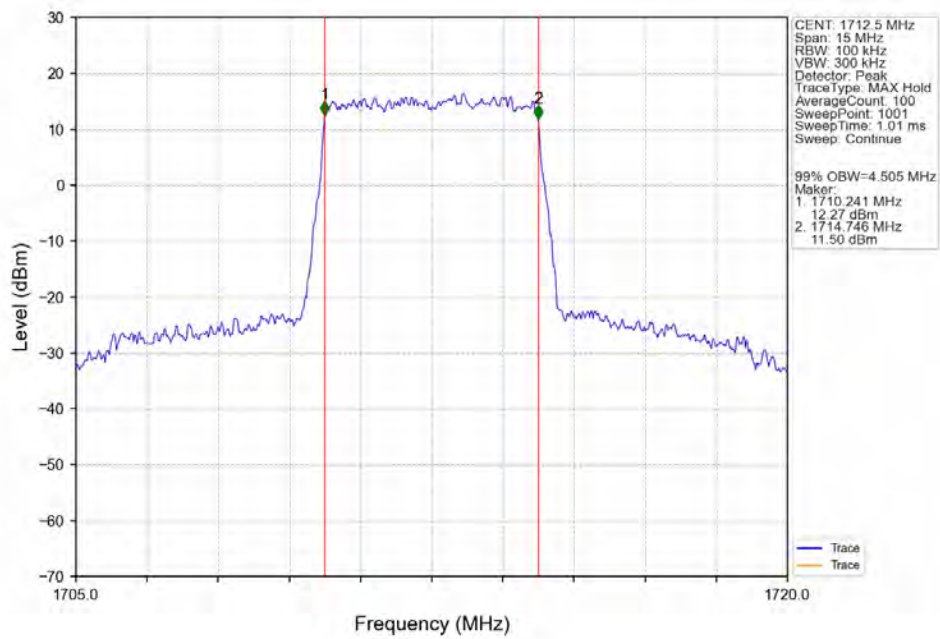
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



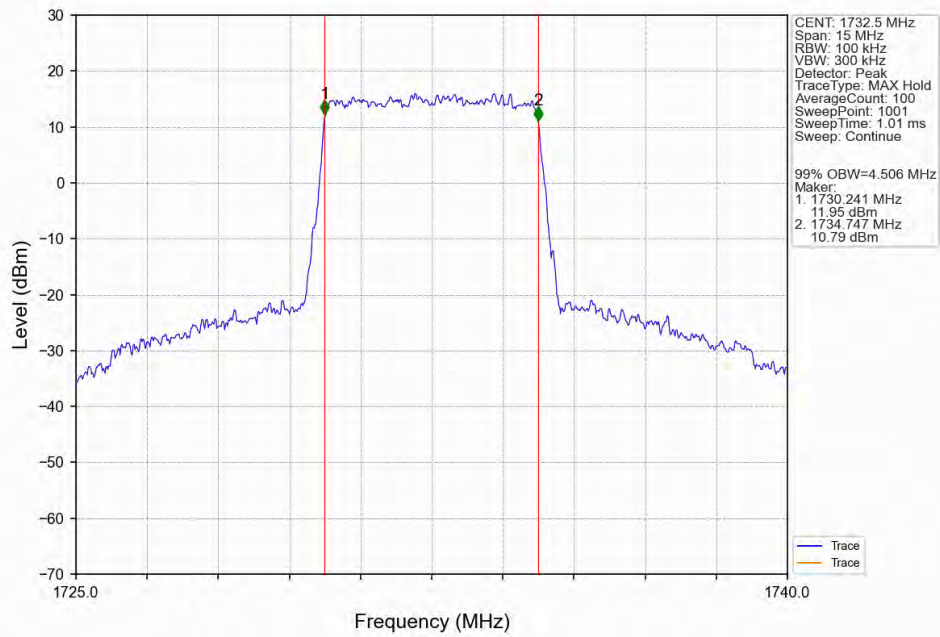
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



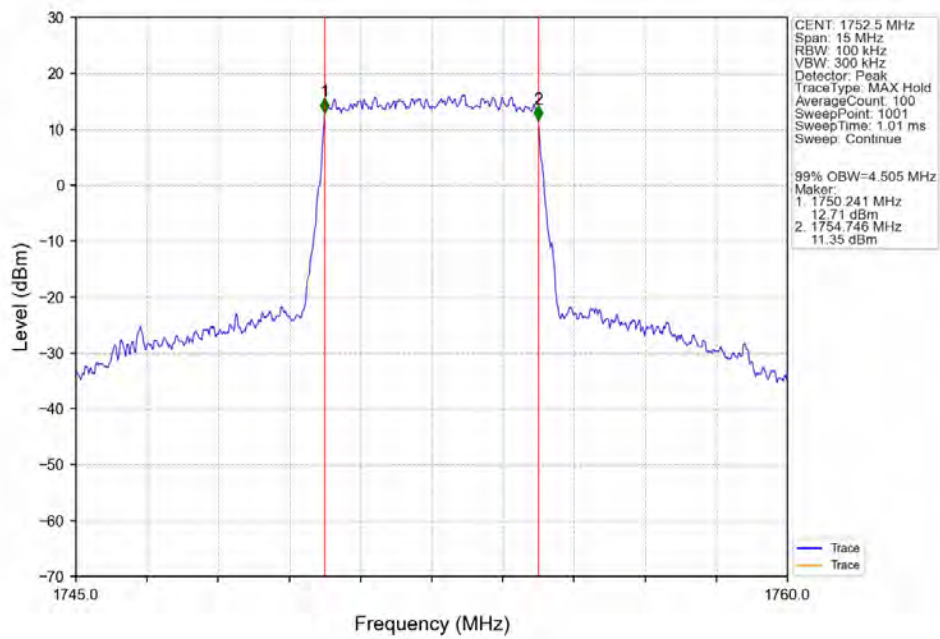
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



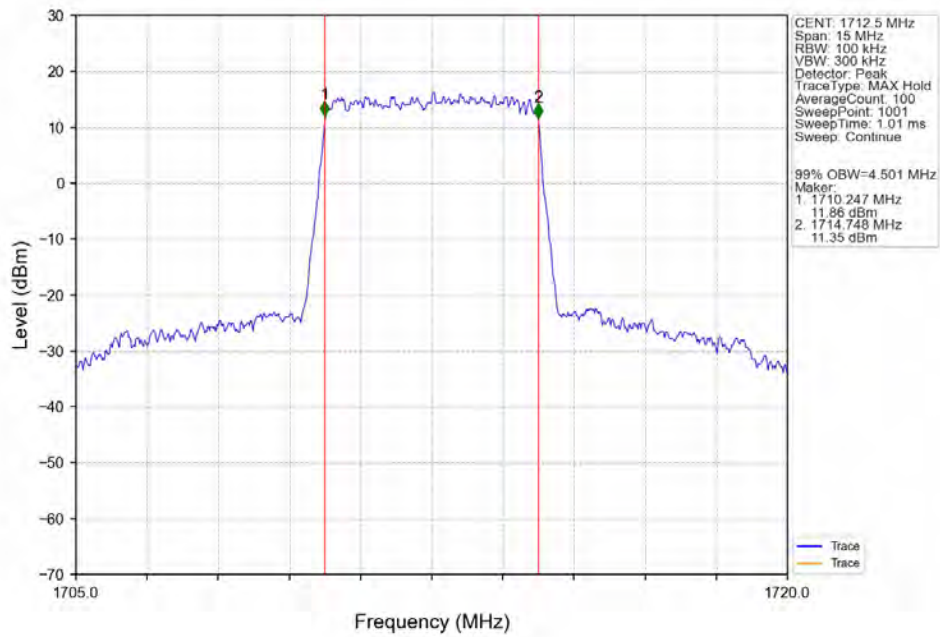
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



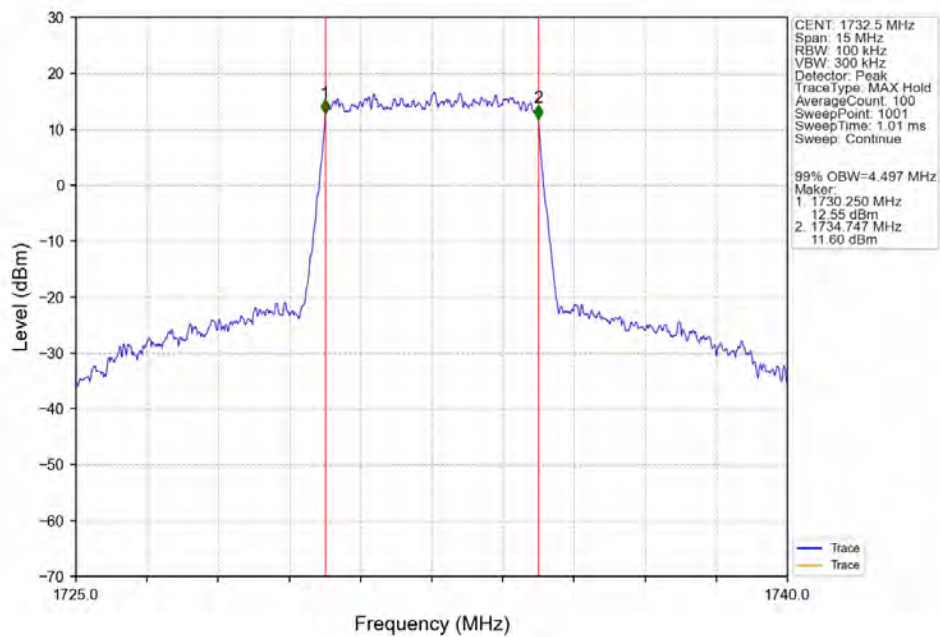
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



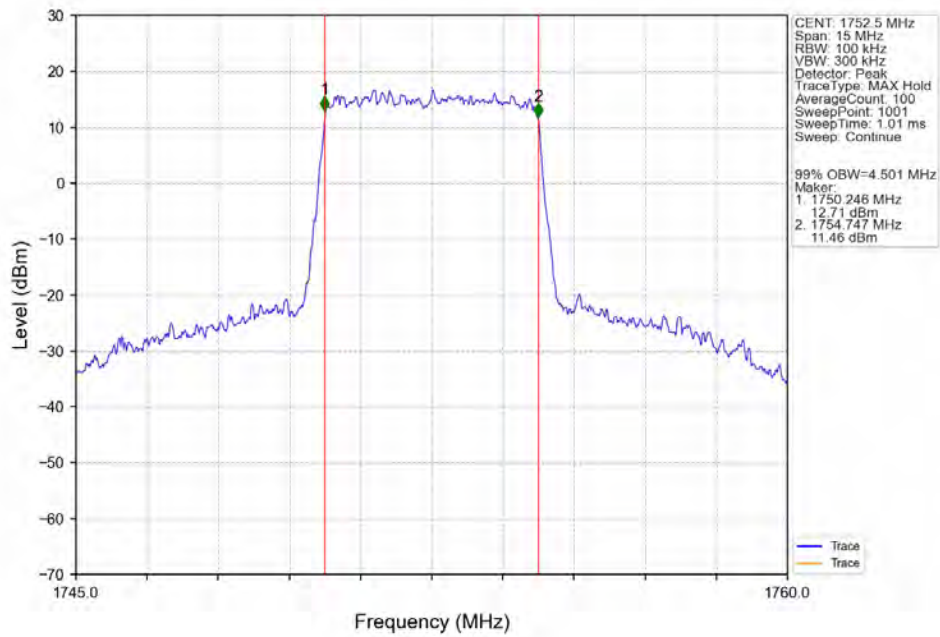
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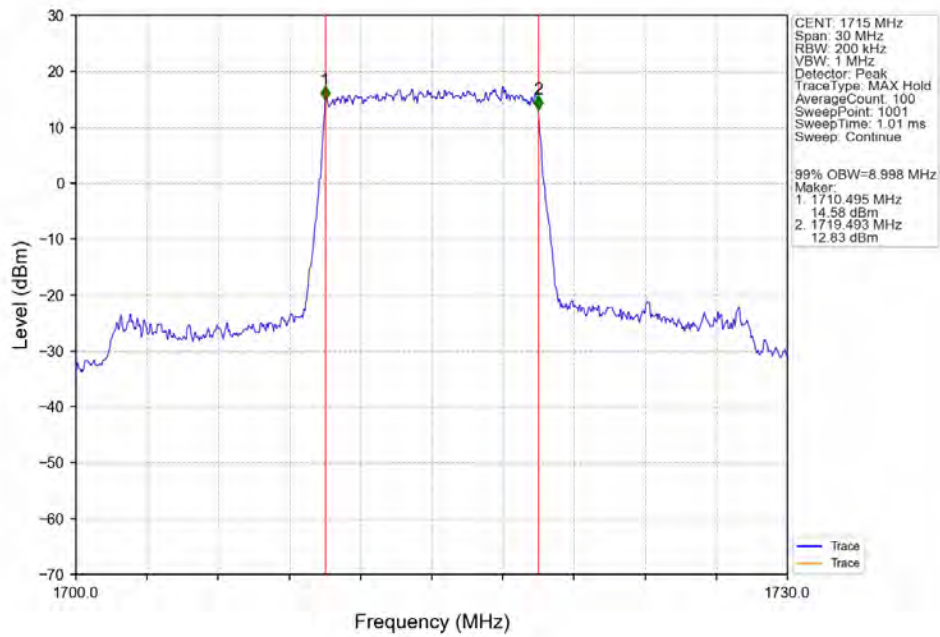
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



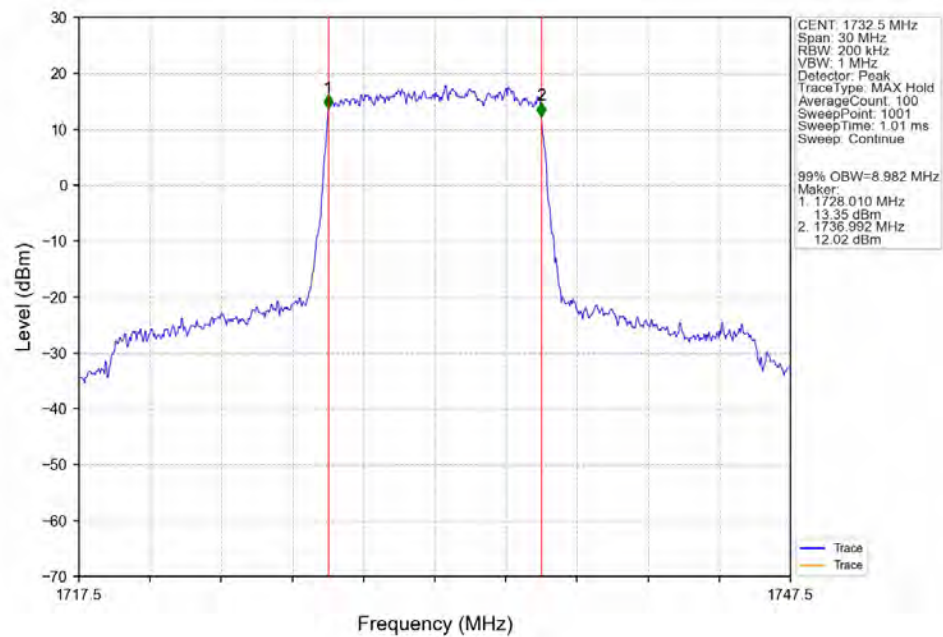
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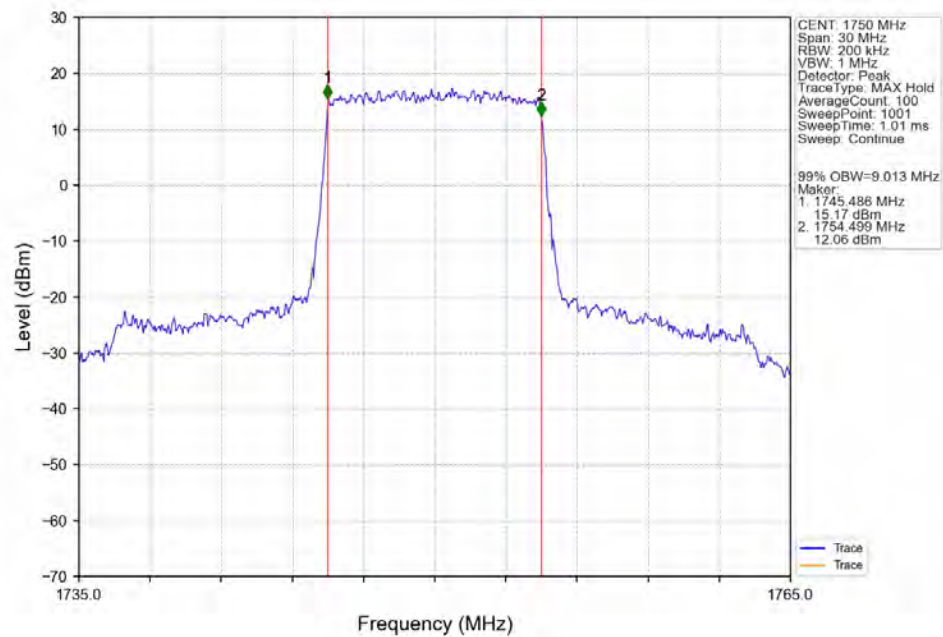
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



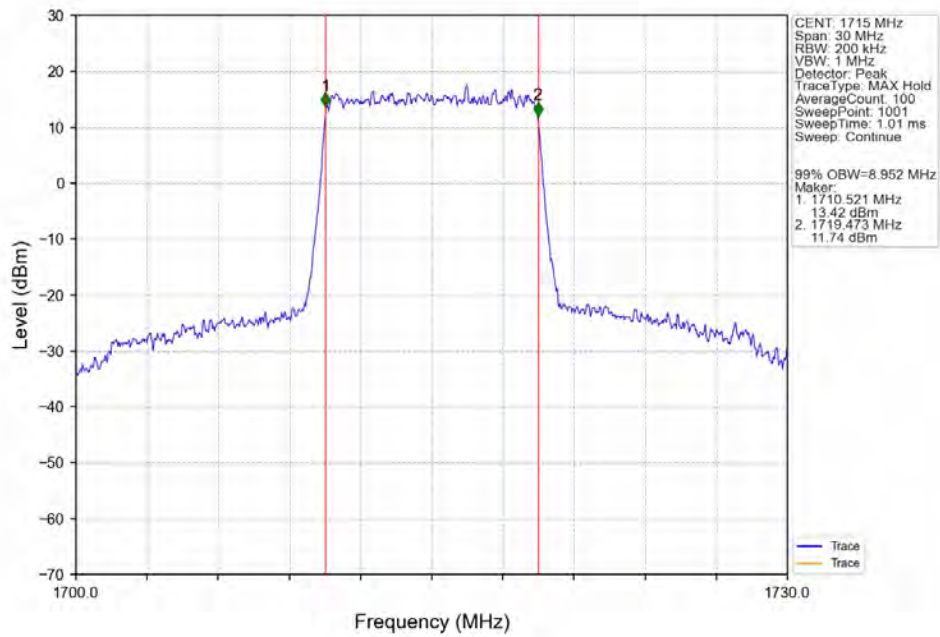
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



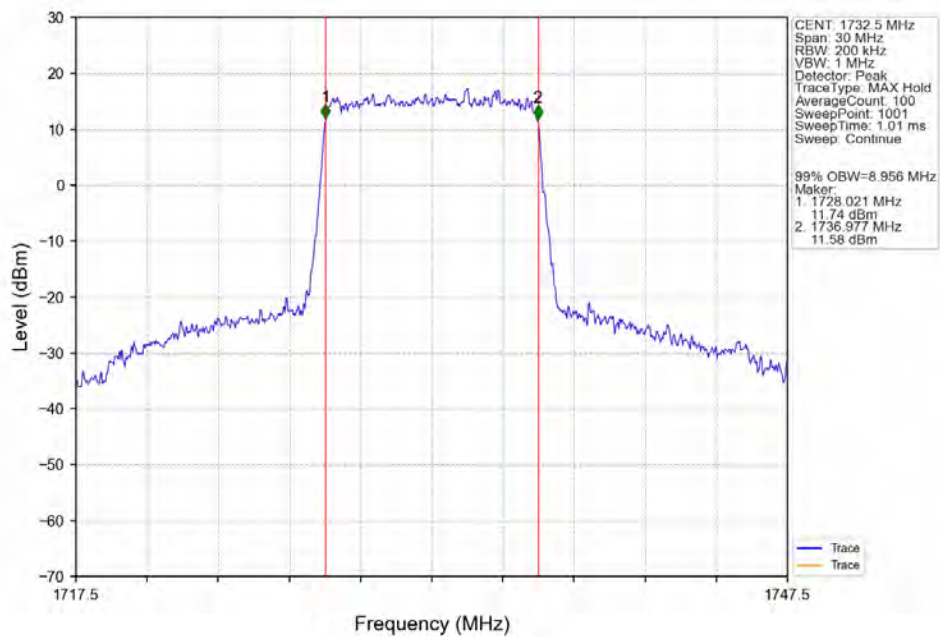
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



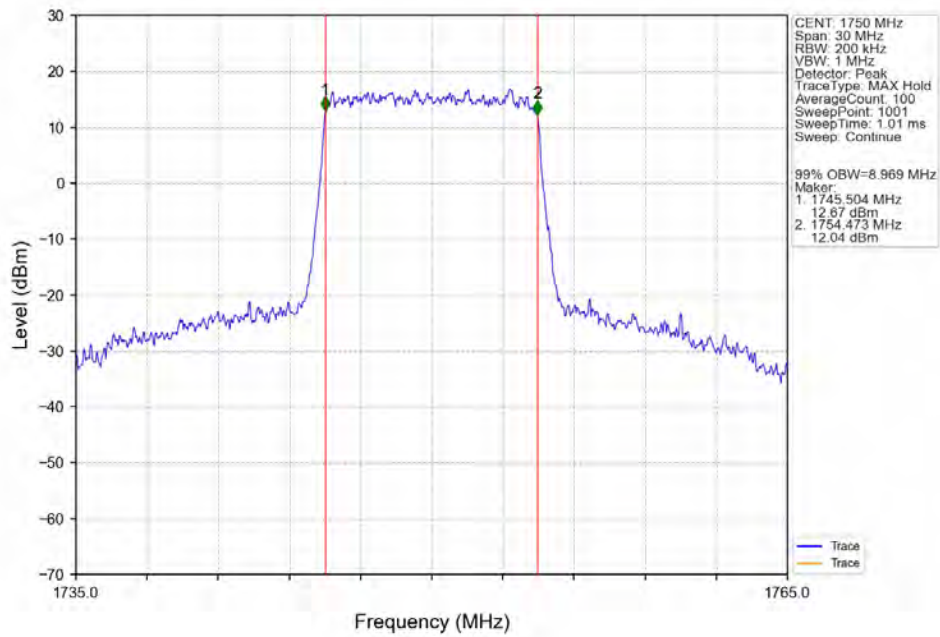
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



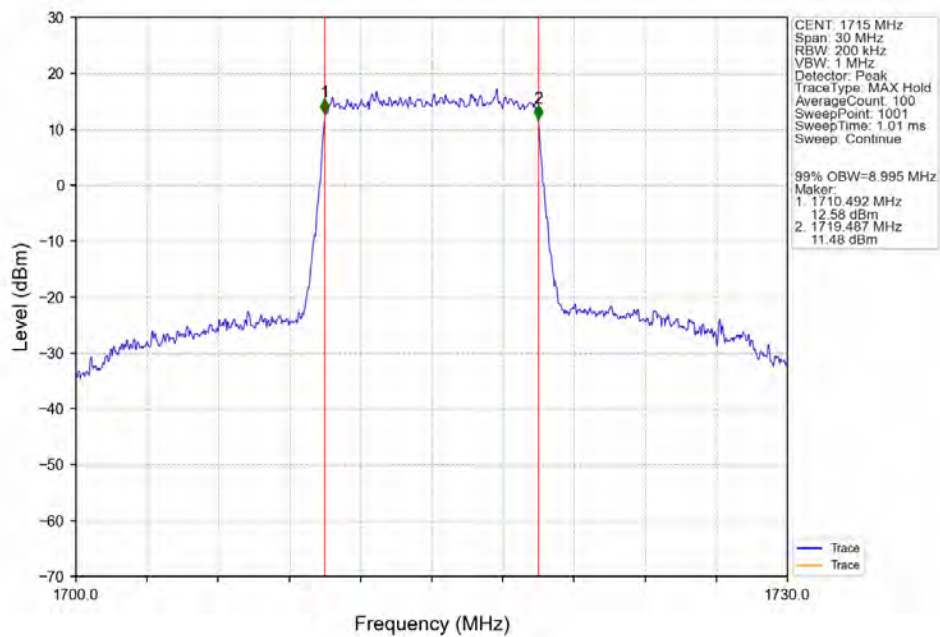
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



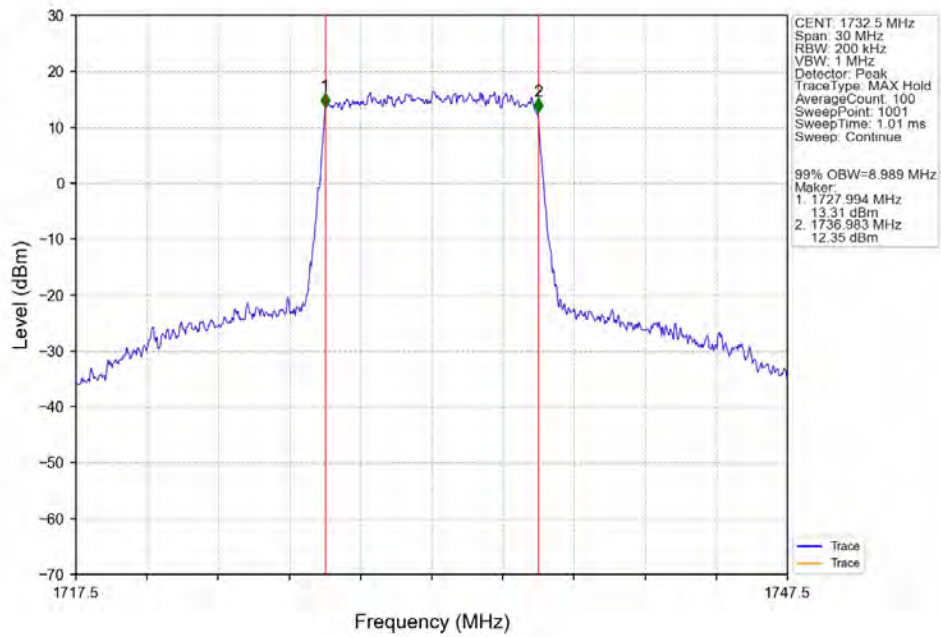
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



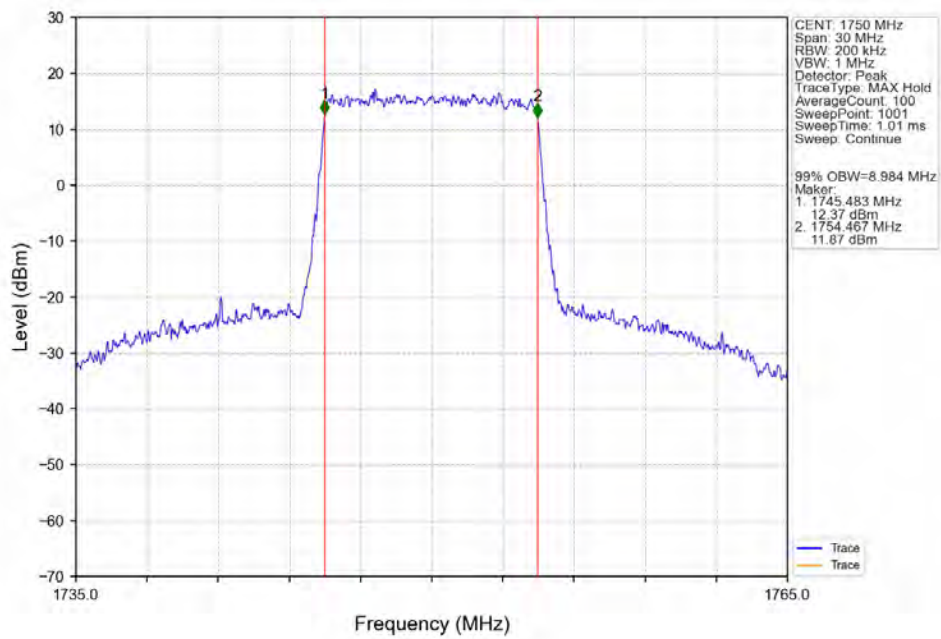
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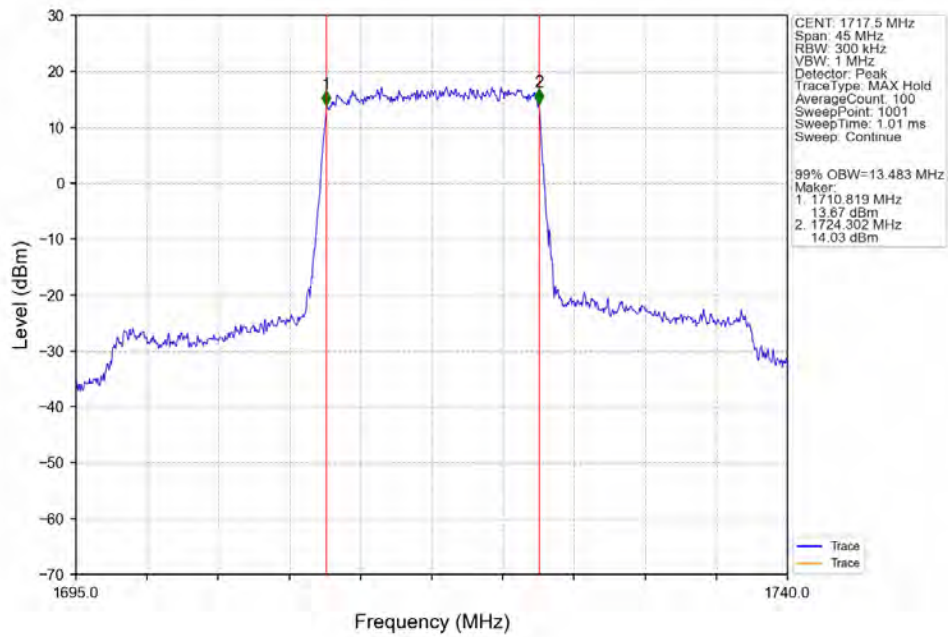
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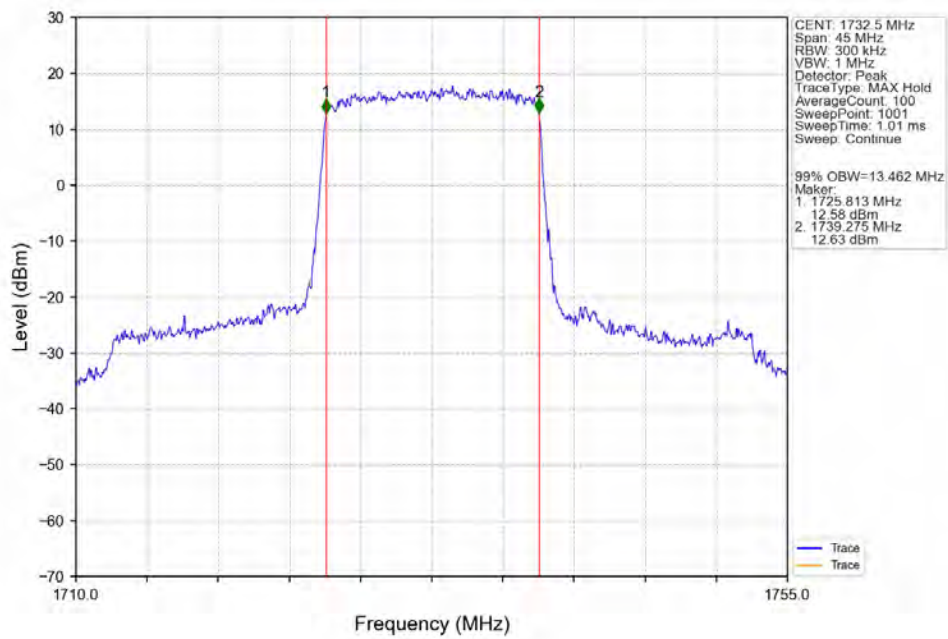
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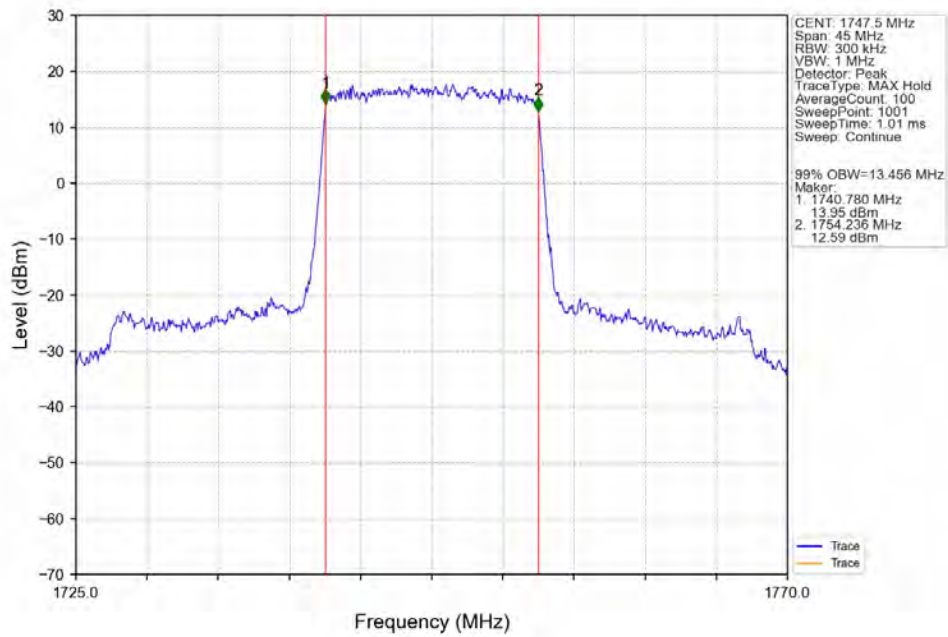
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



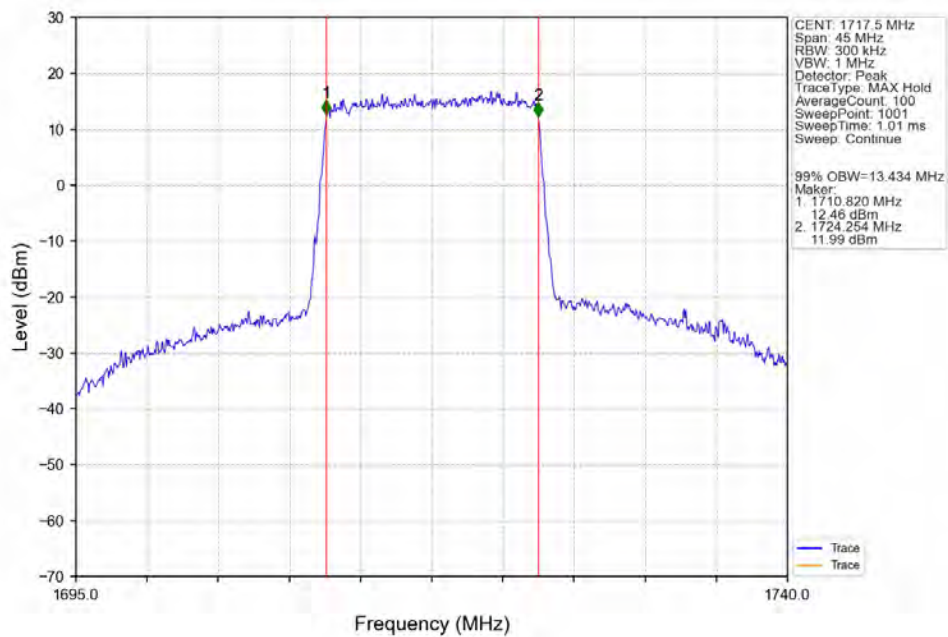
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



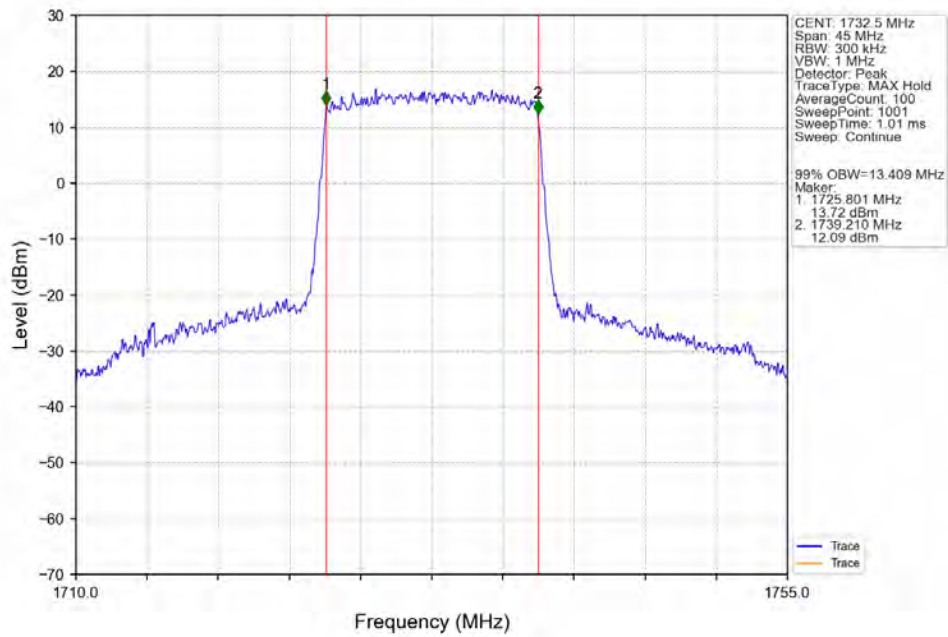
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



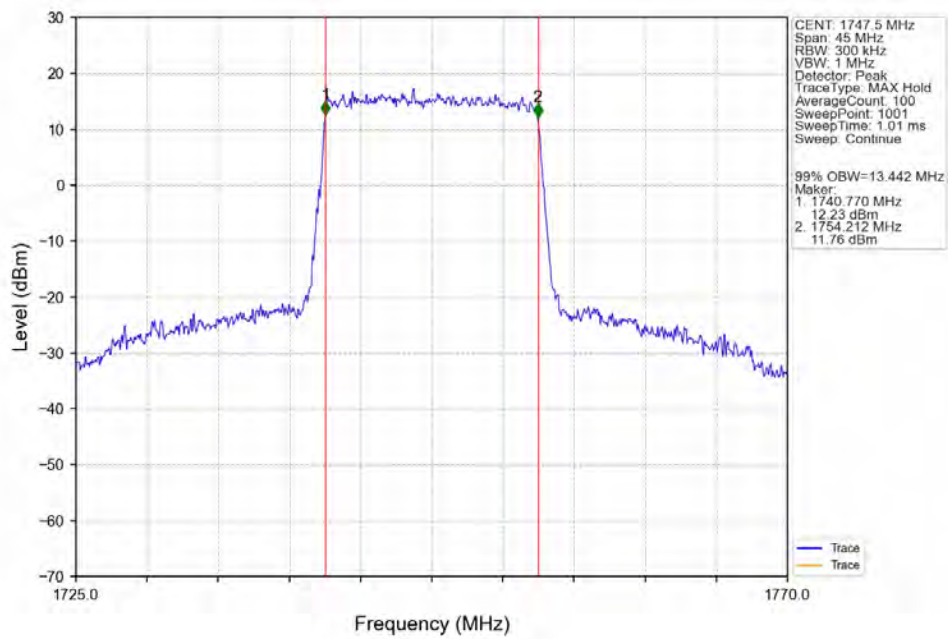
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



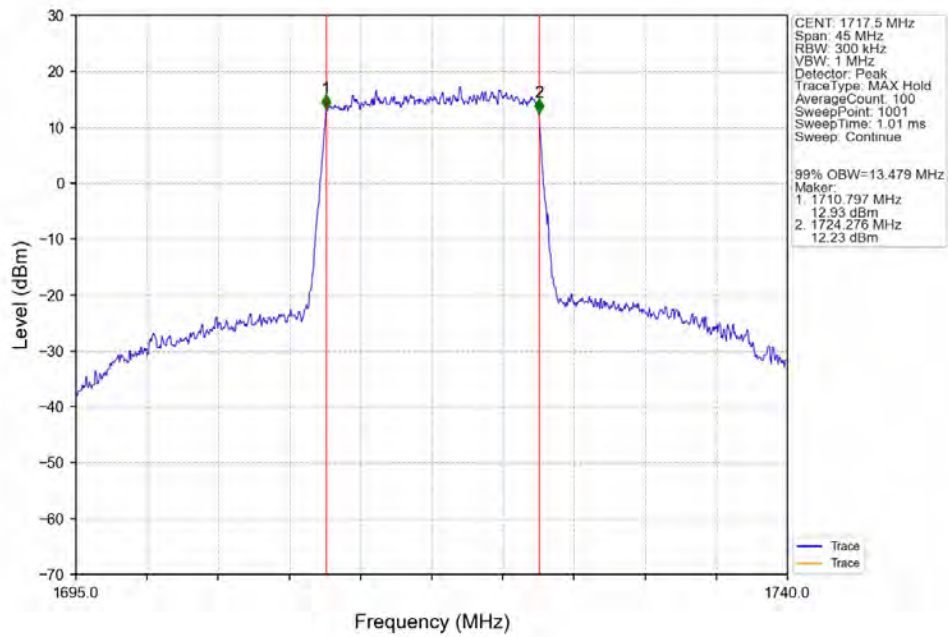
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



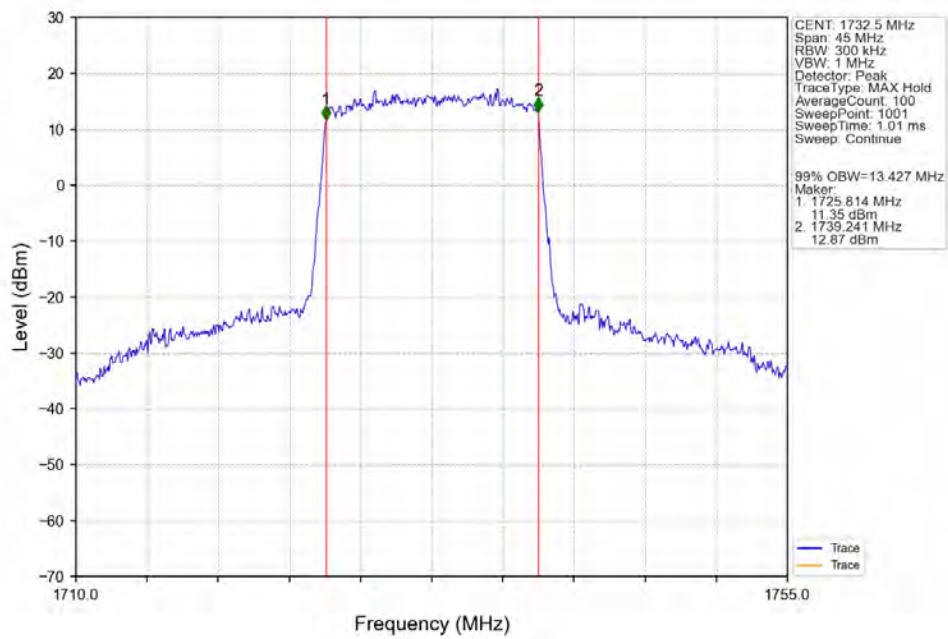
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



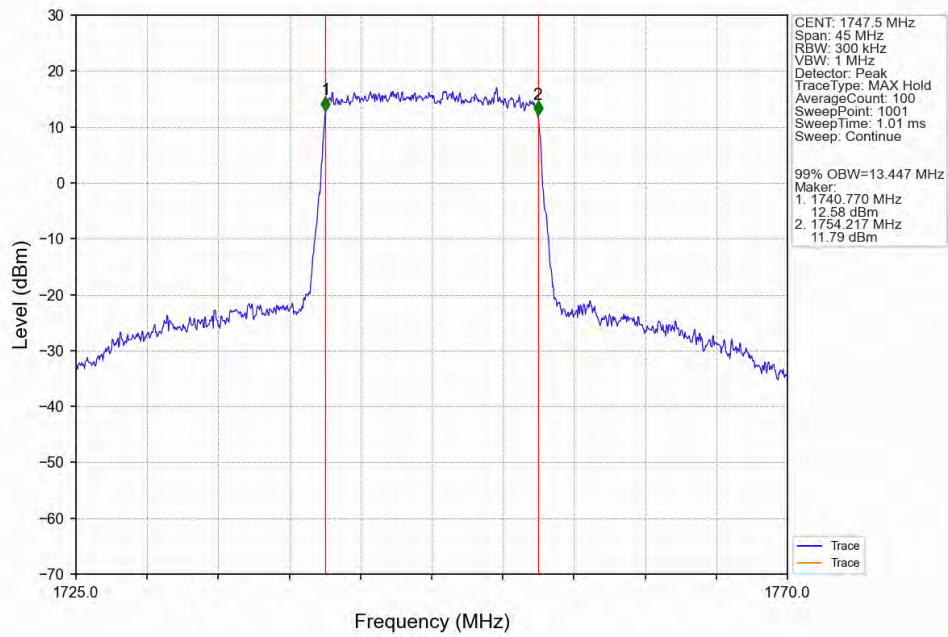
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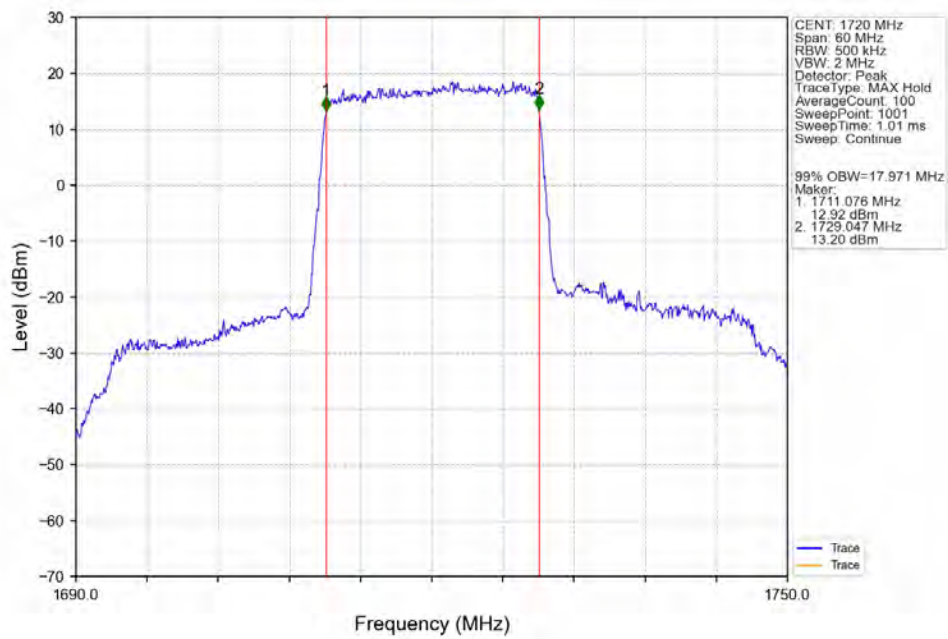
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



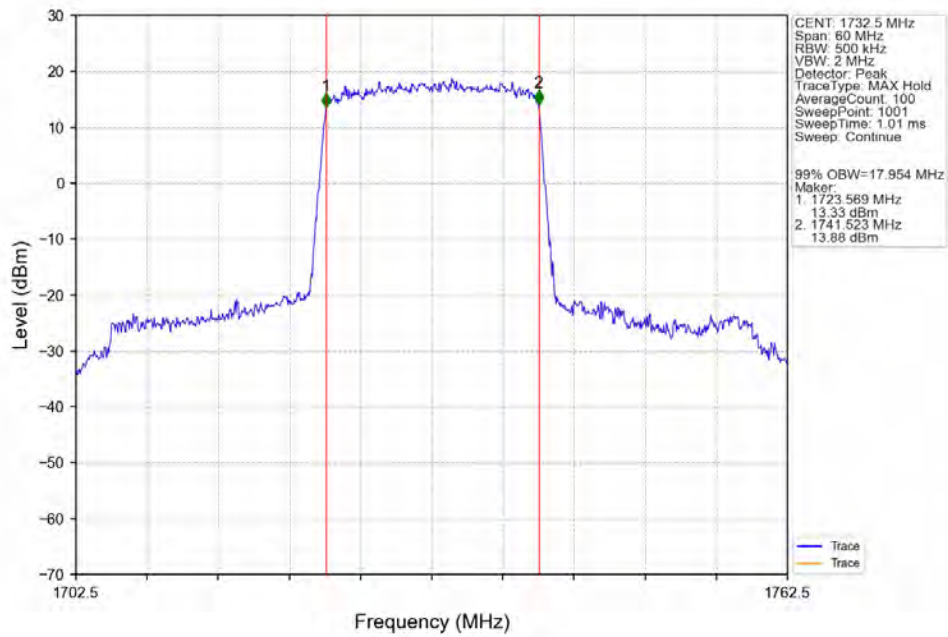
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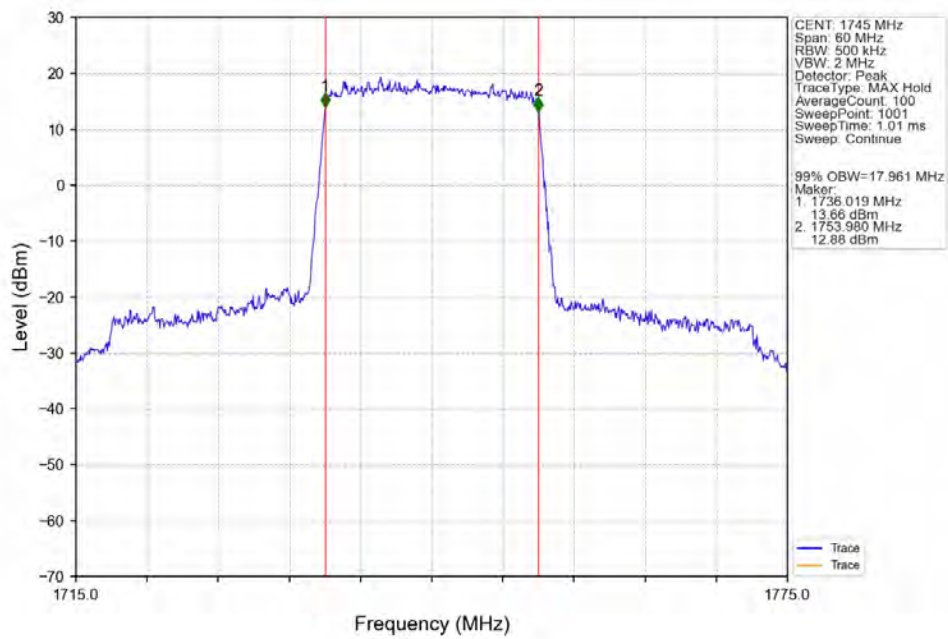
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



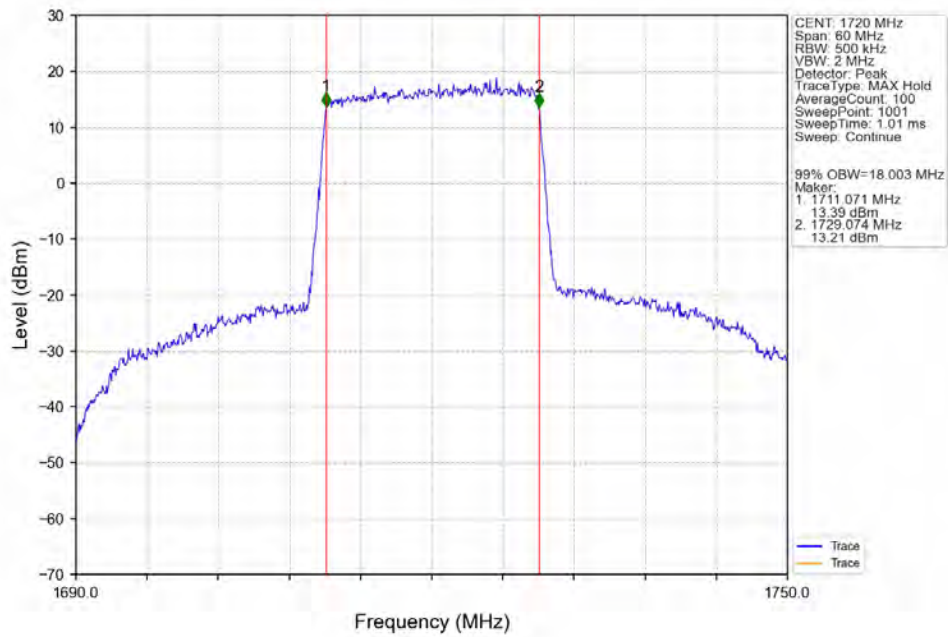
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



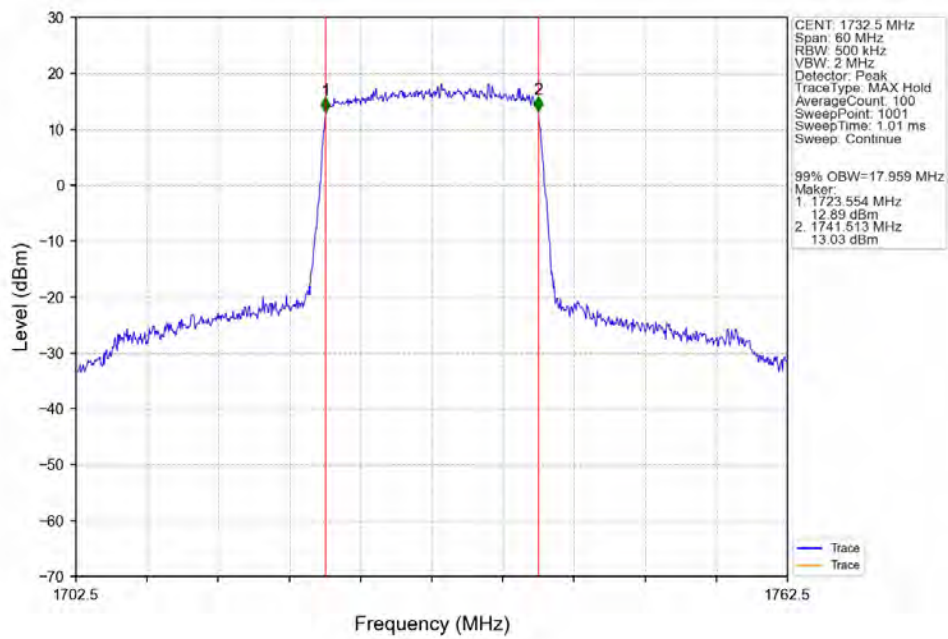
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



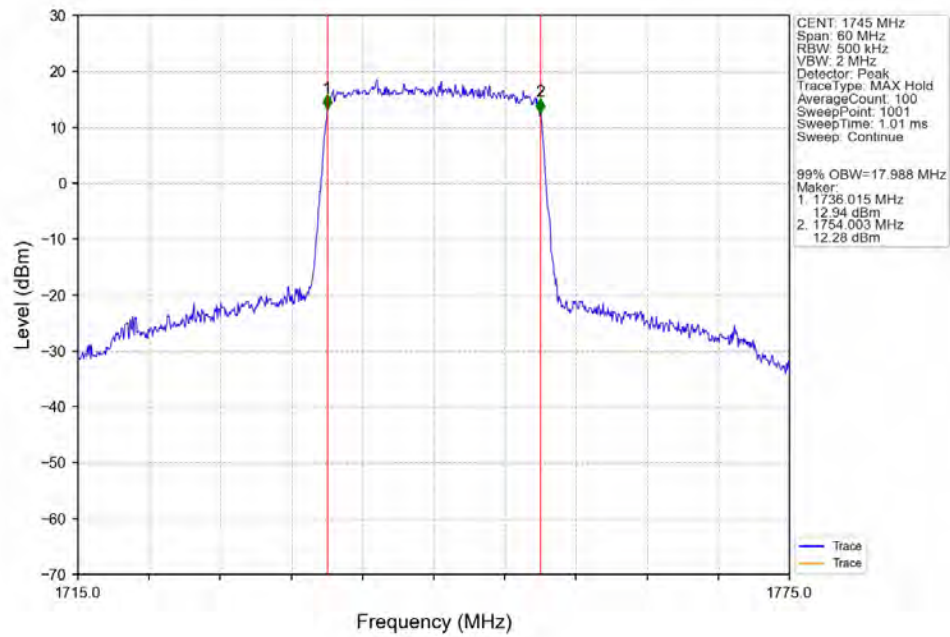
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



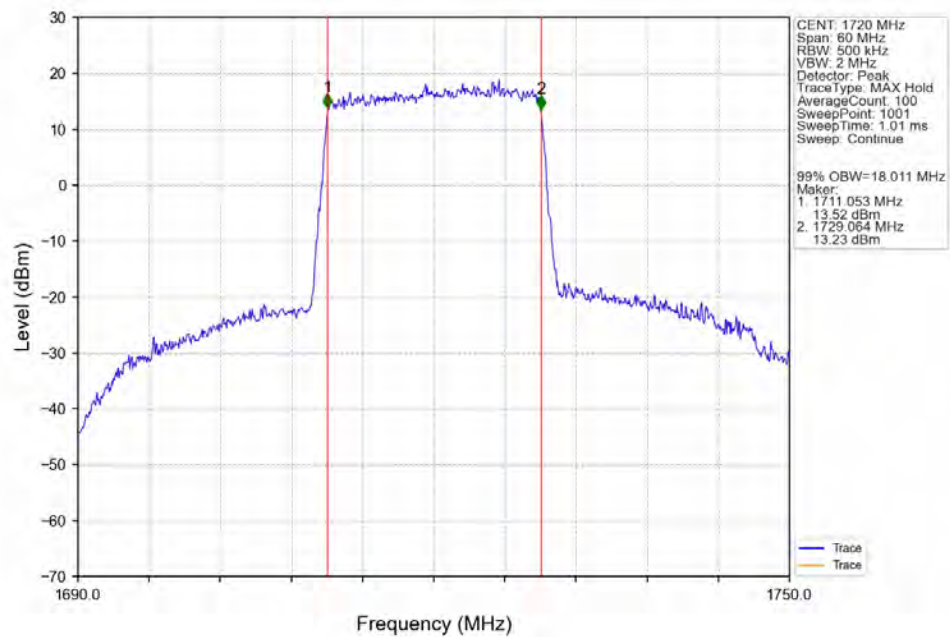
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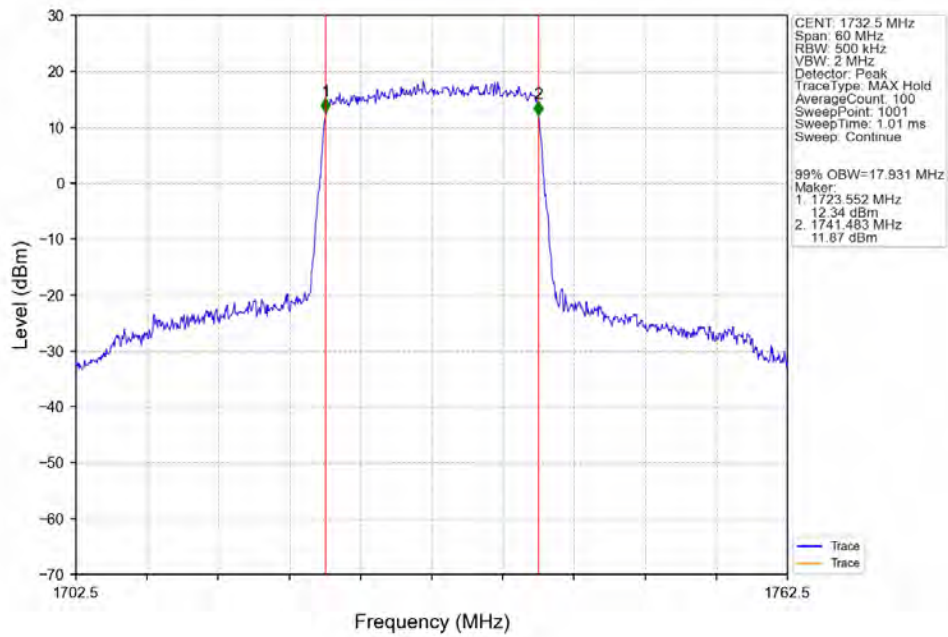
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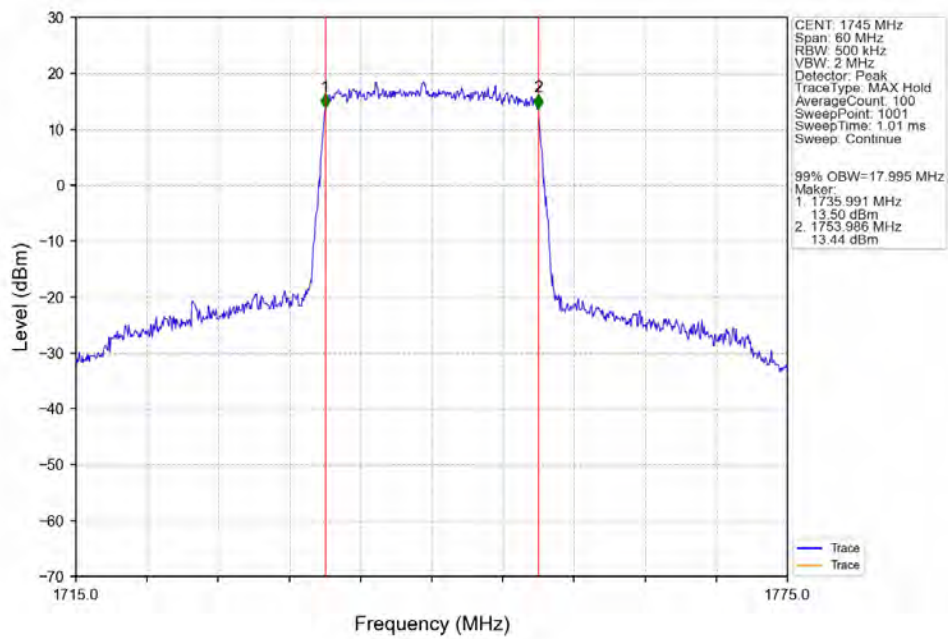
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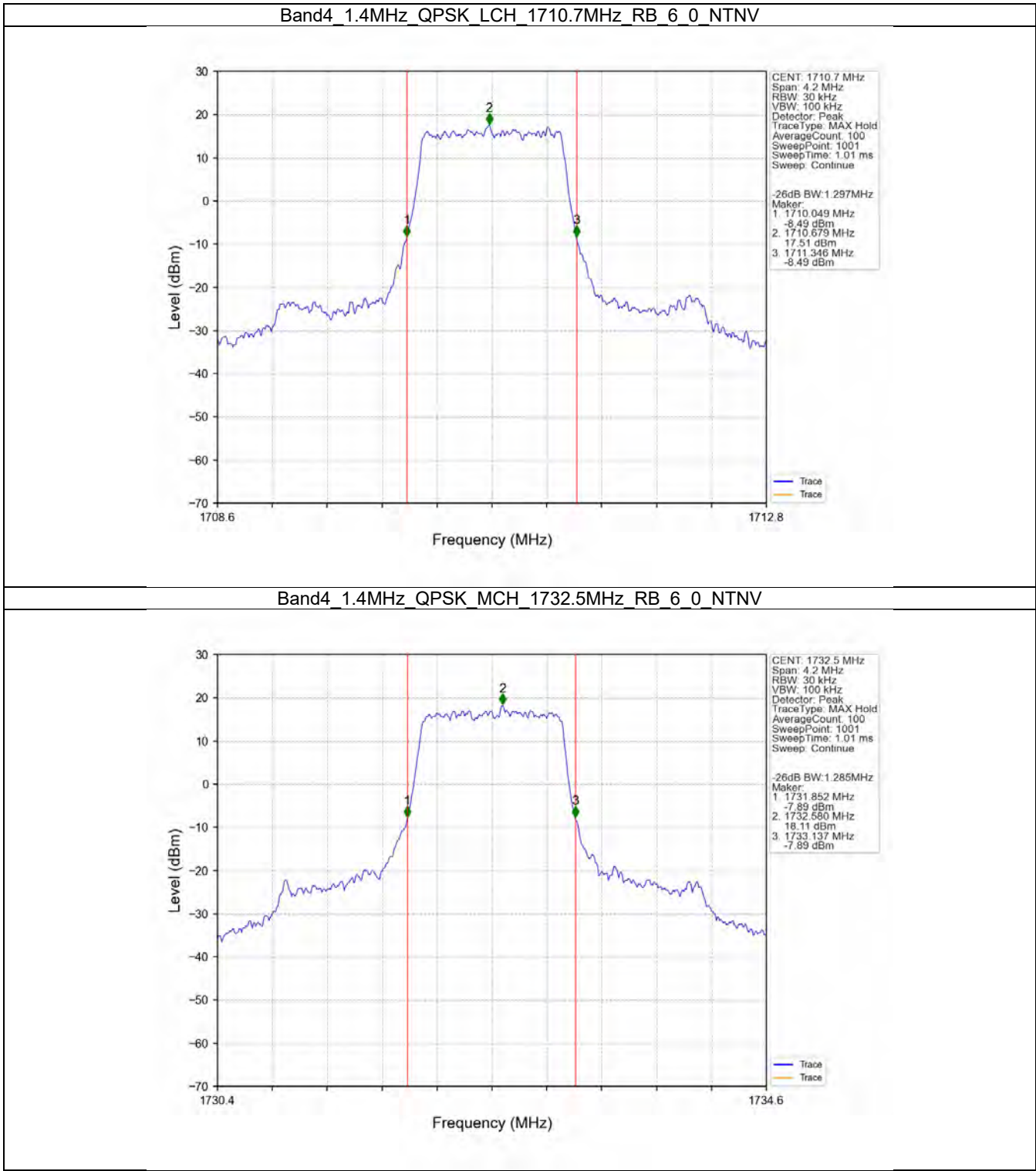
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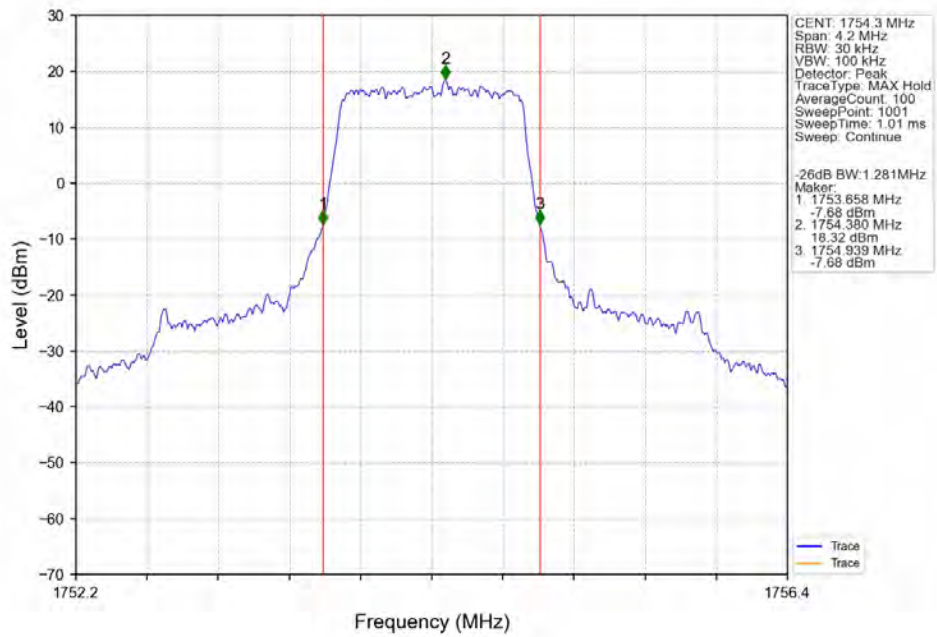
Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



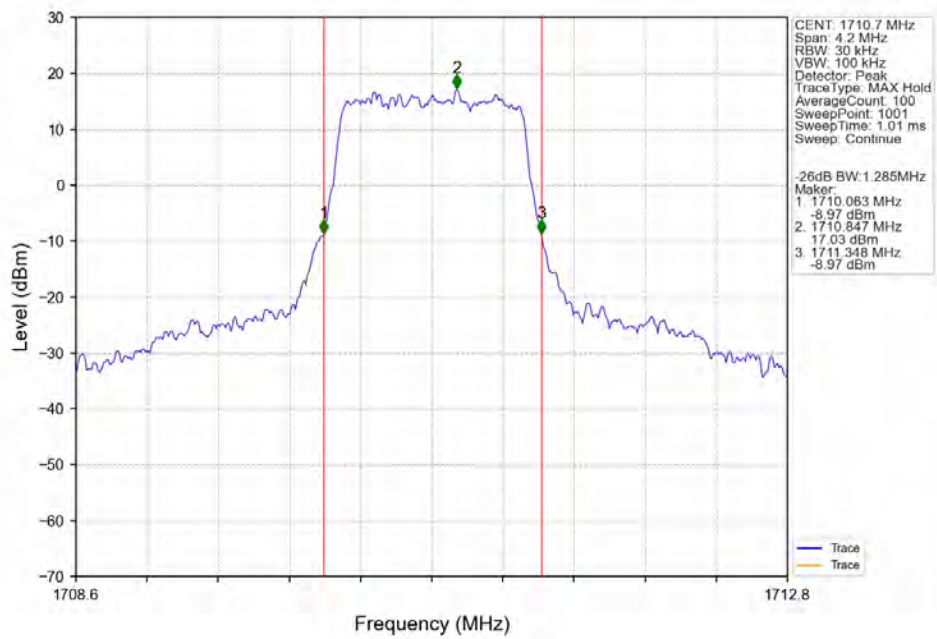
3.2.2 Band4_XDB



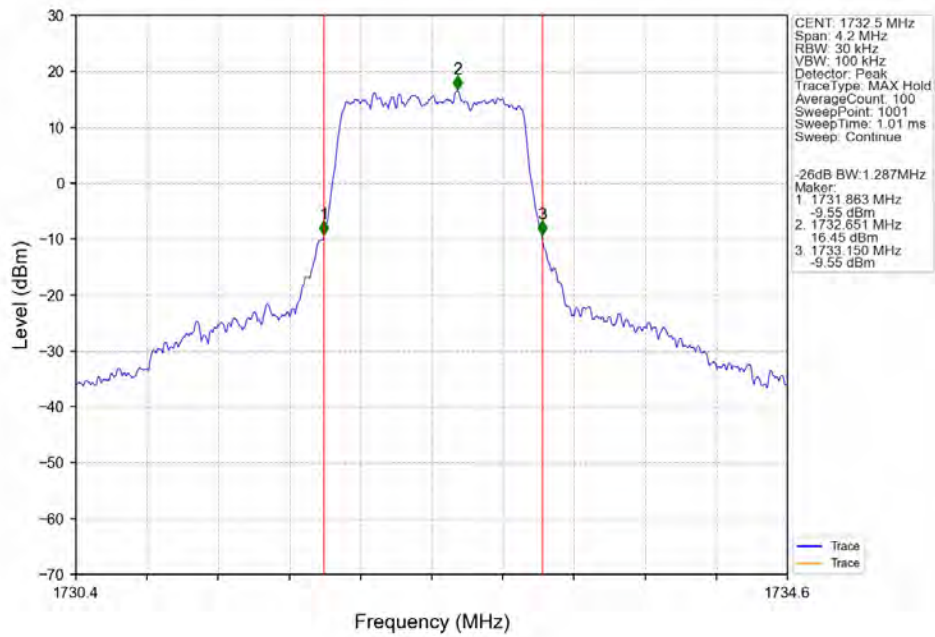
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



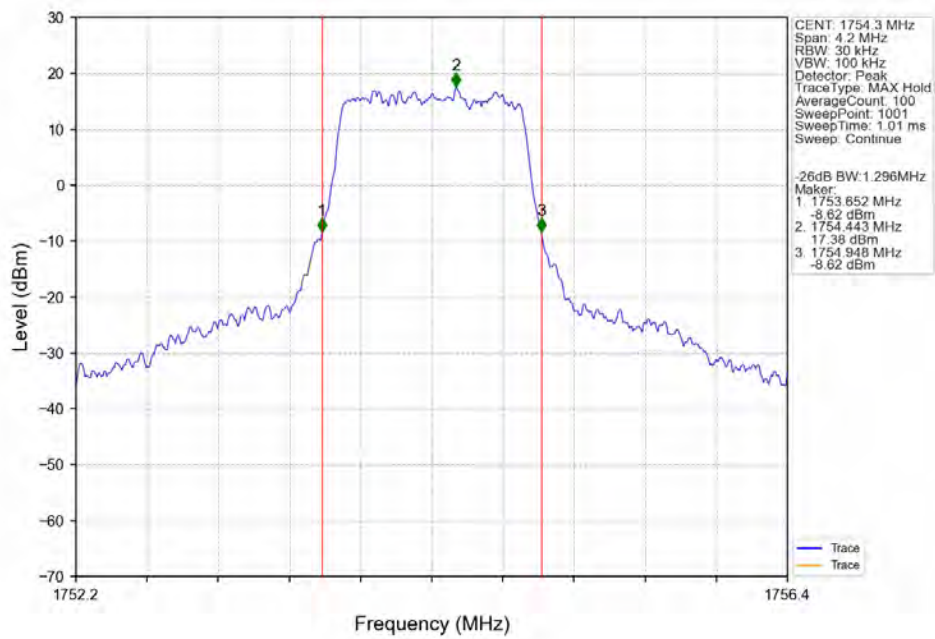
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



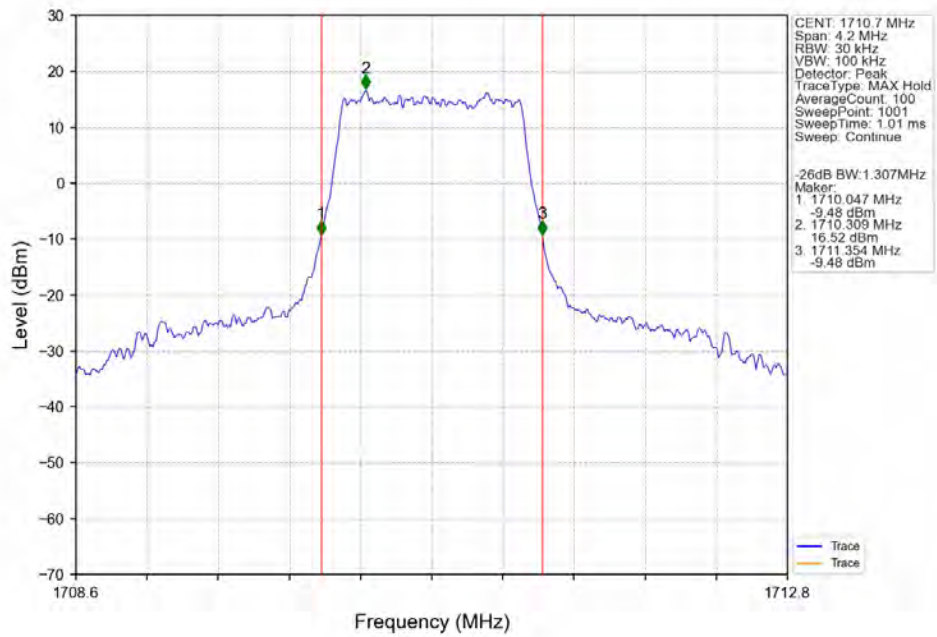
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



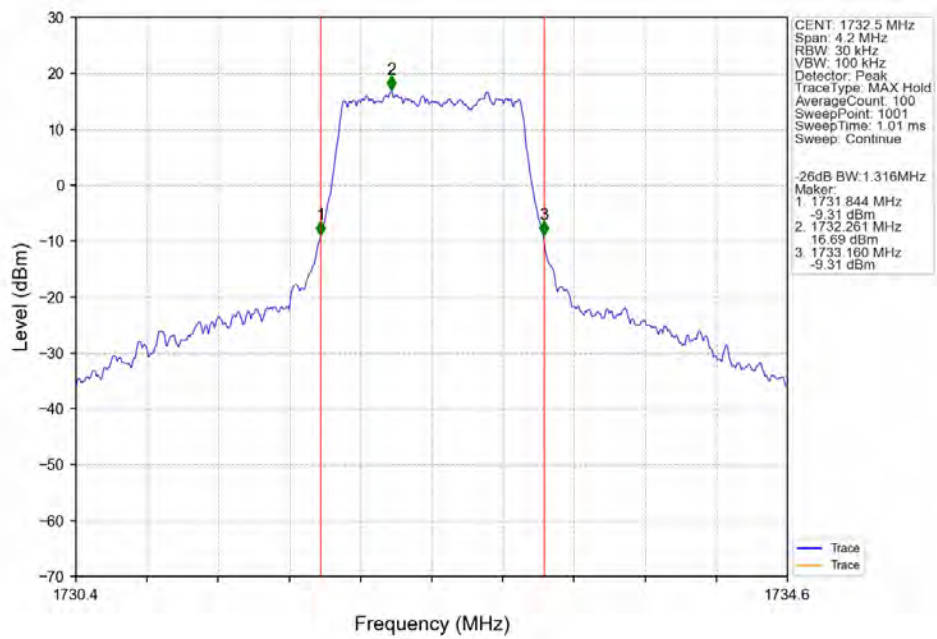
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



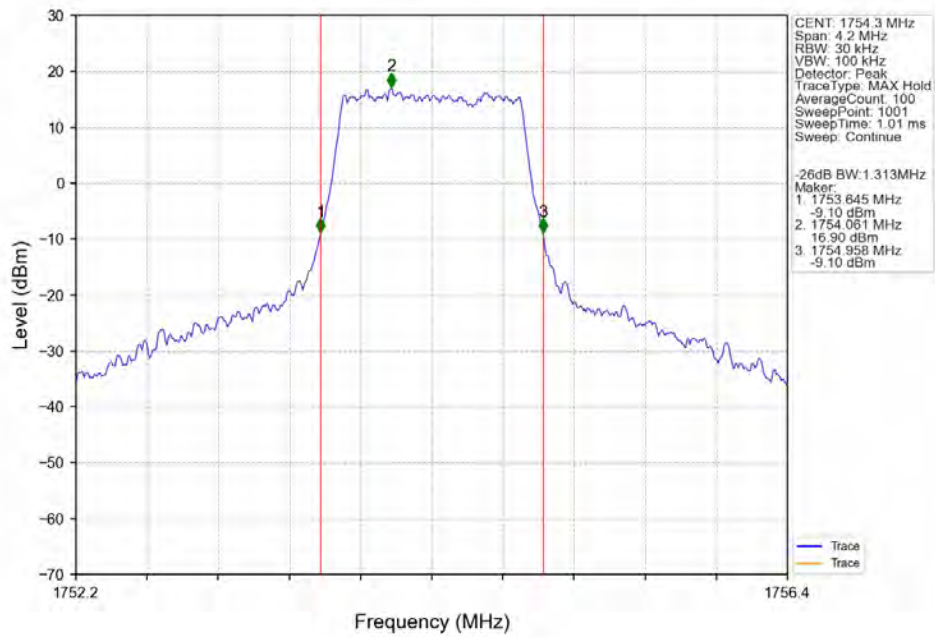
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



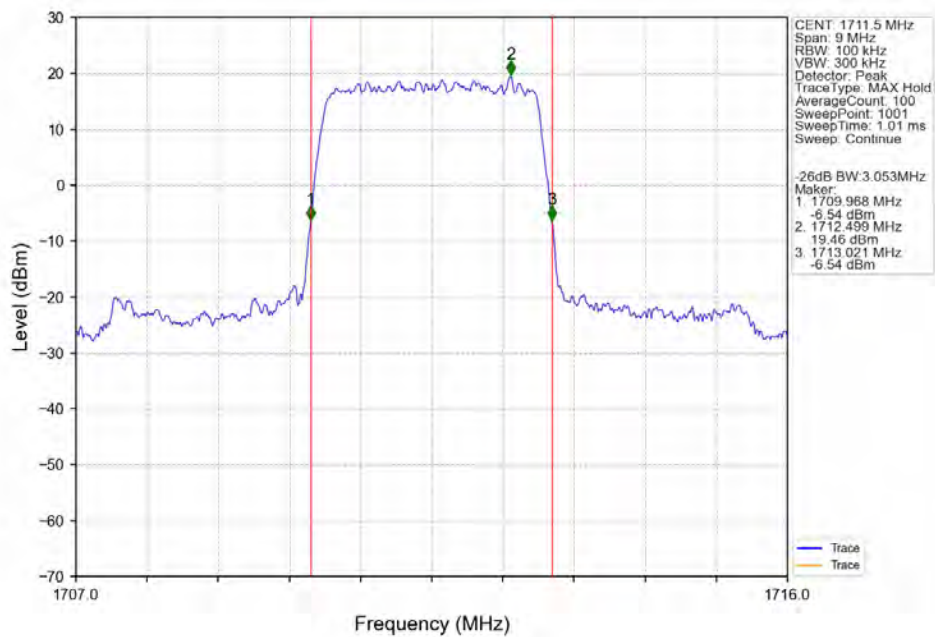
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



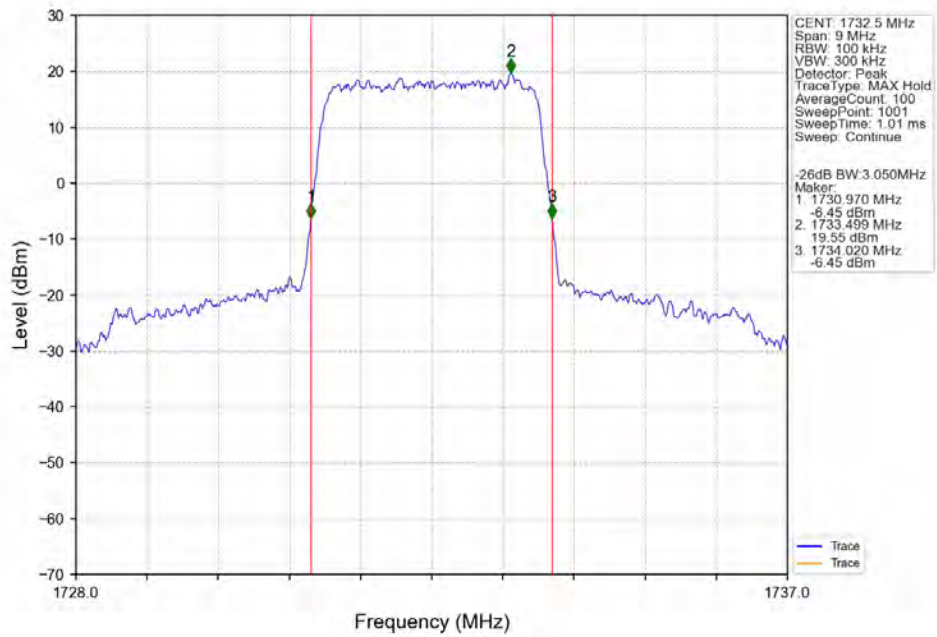
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



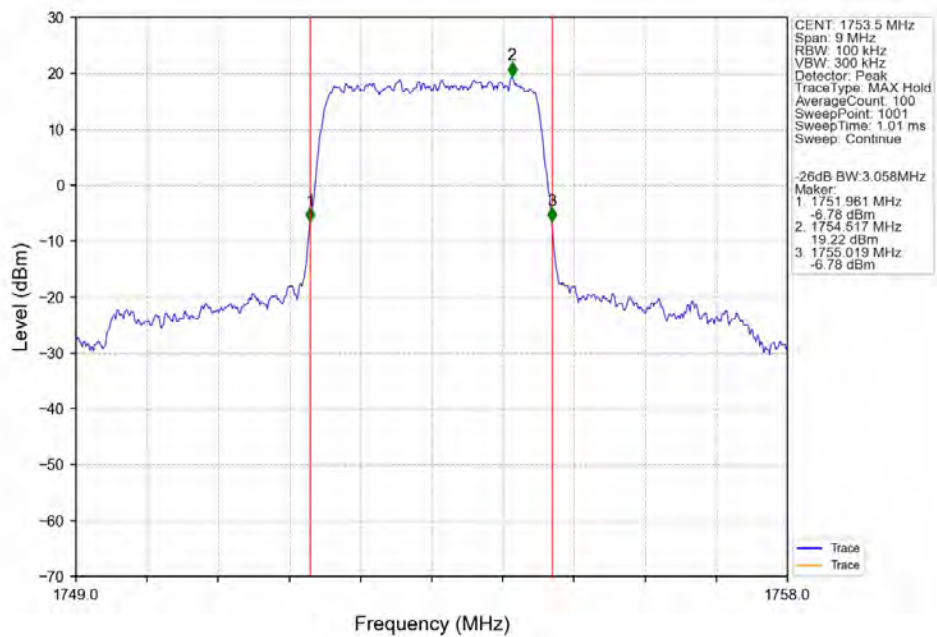
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



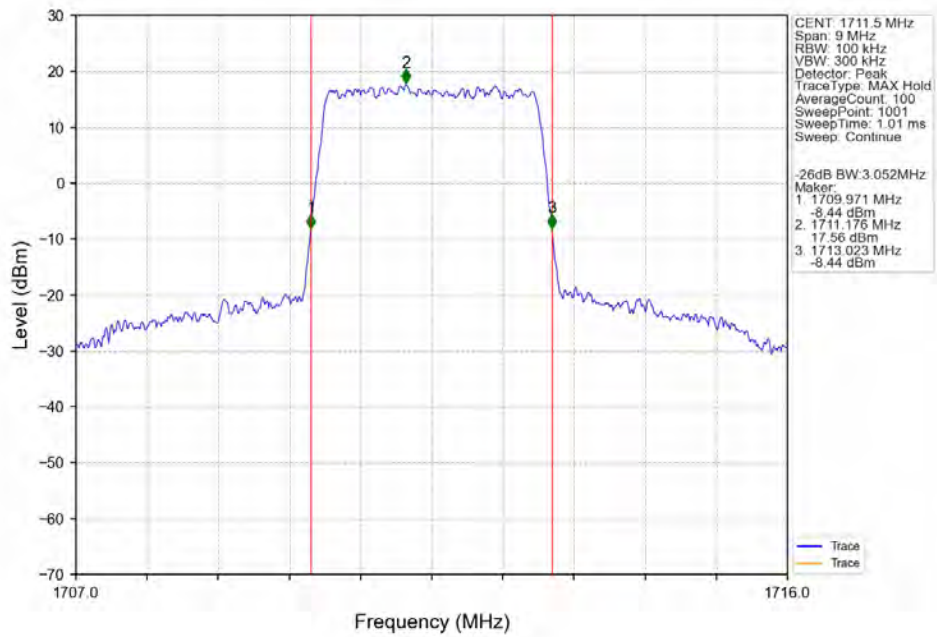
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



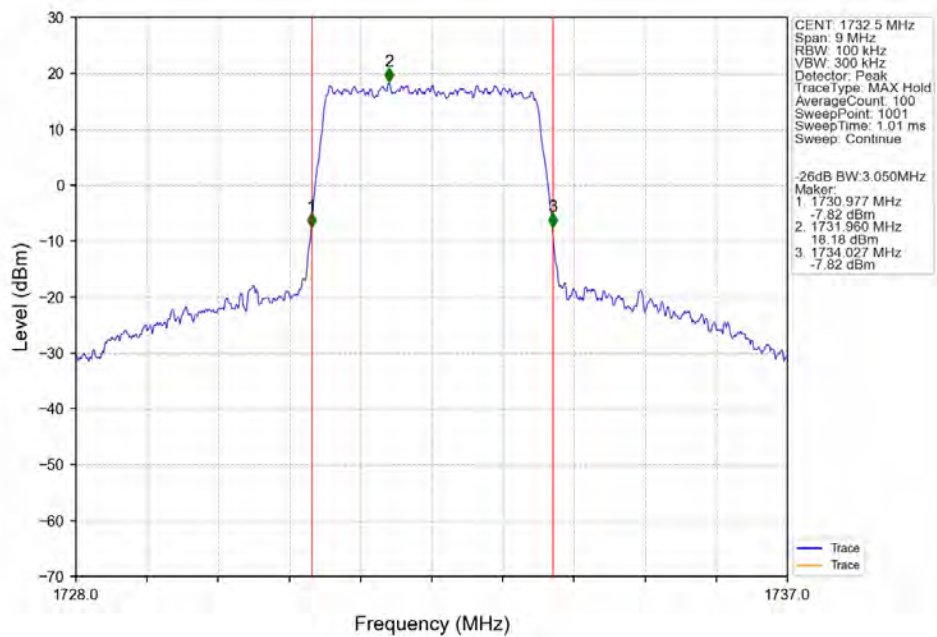
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



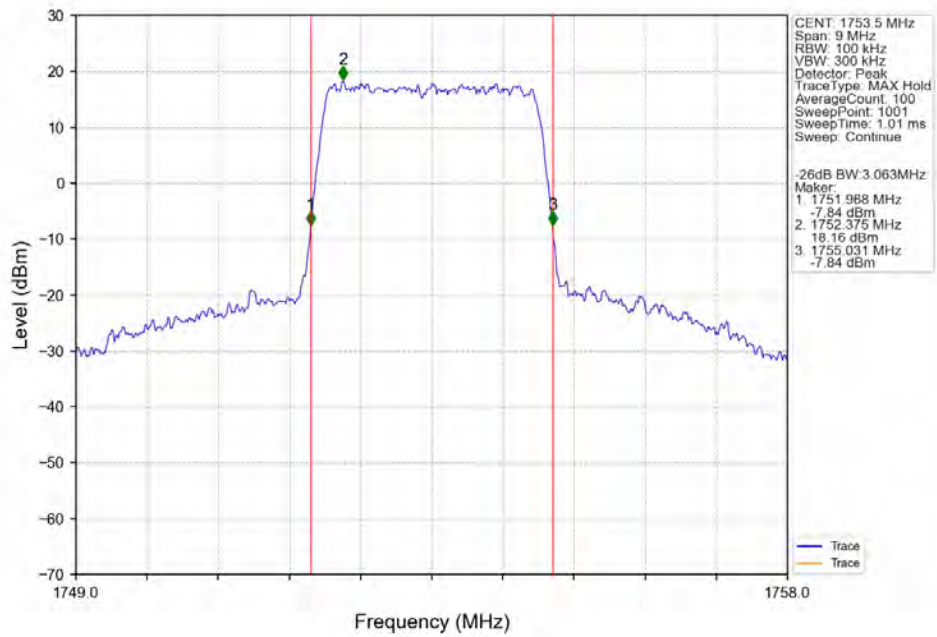
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



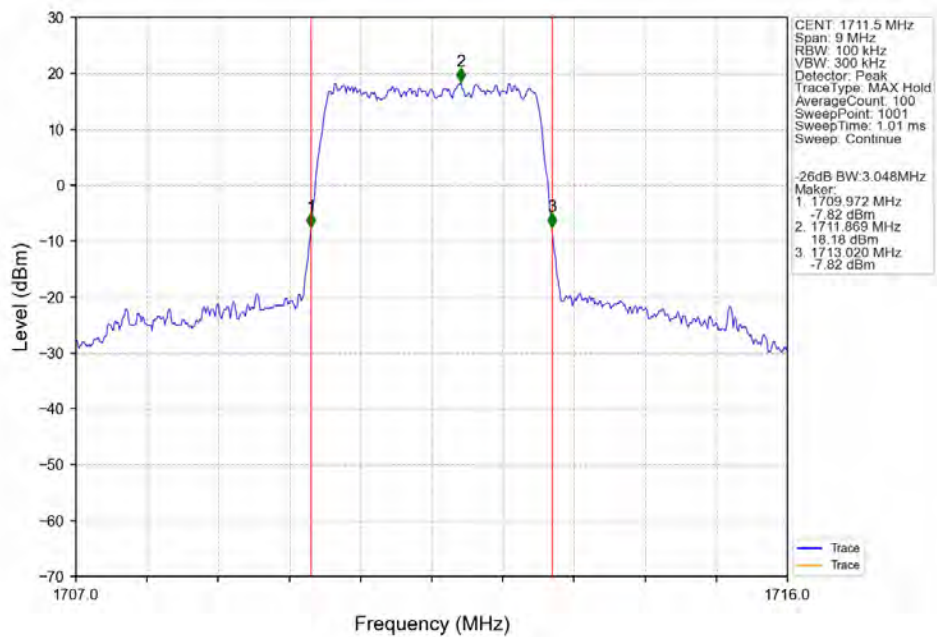
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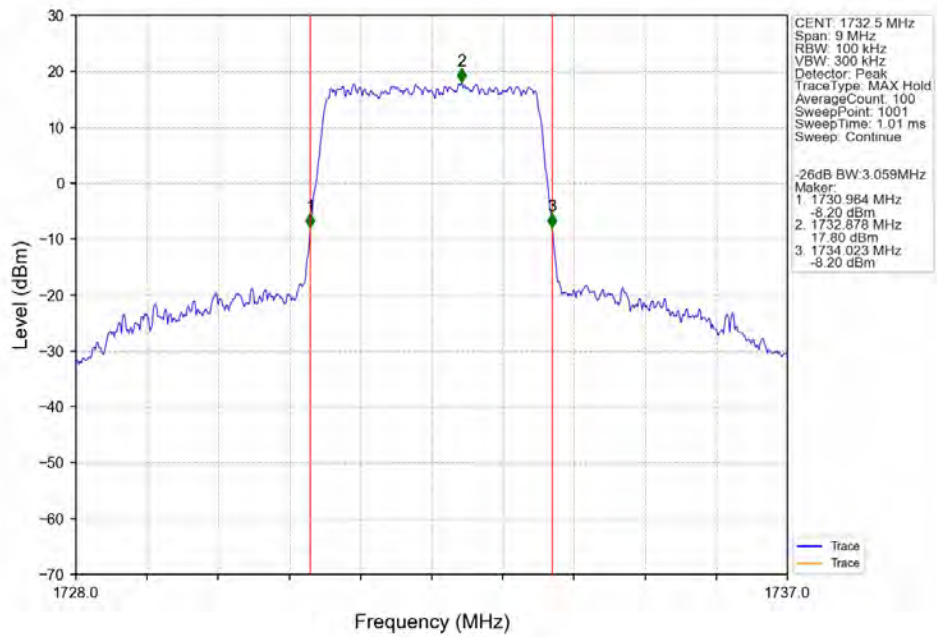
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



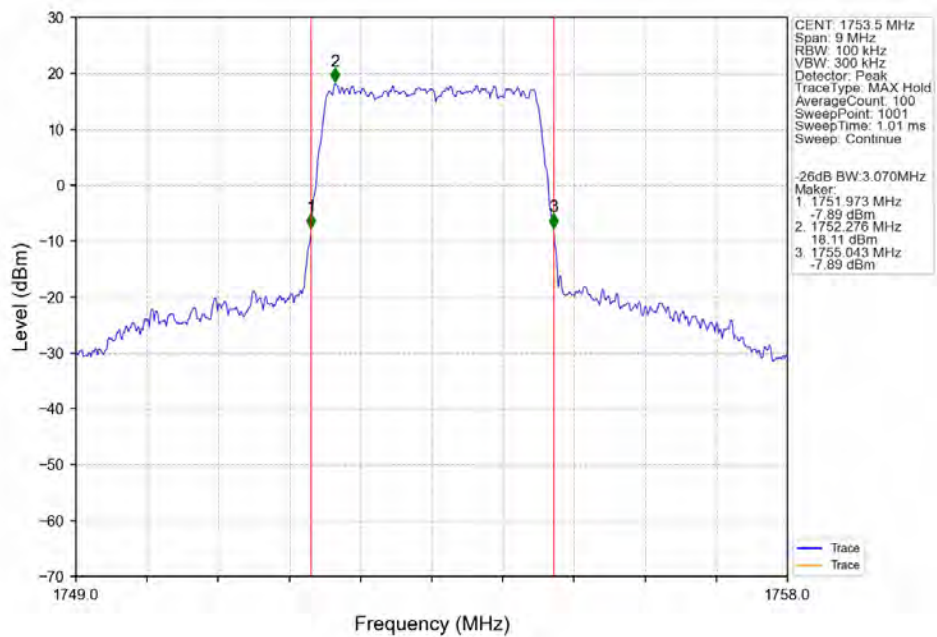
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



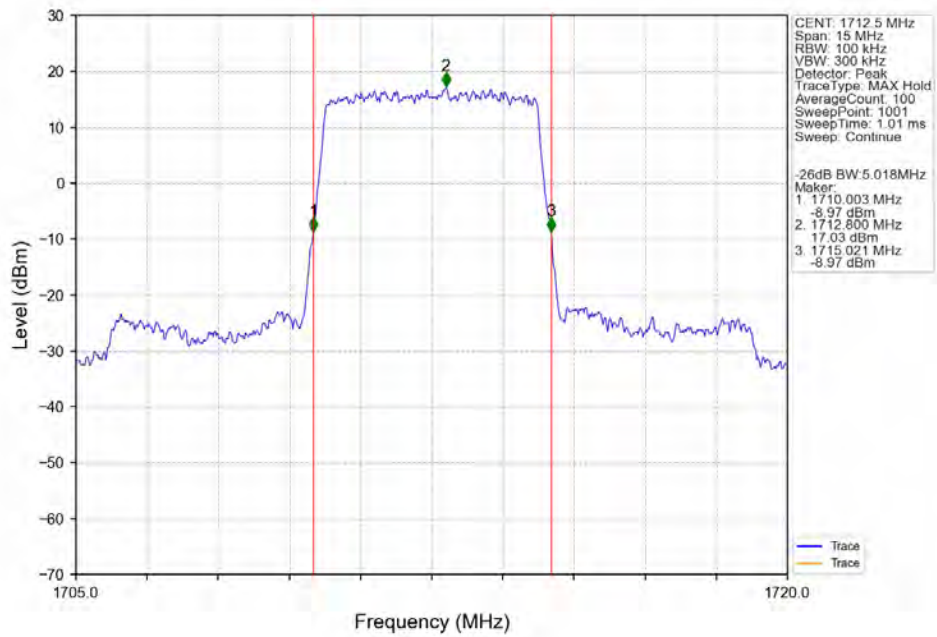
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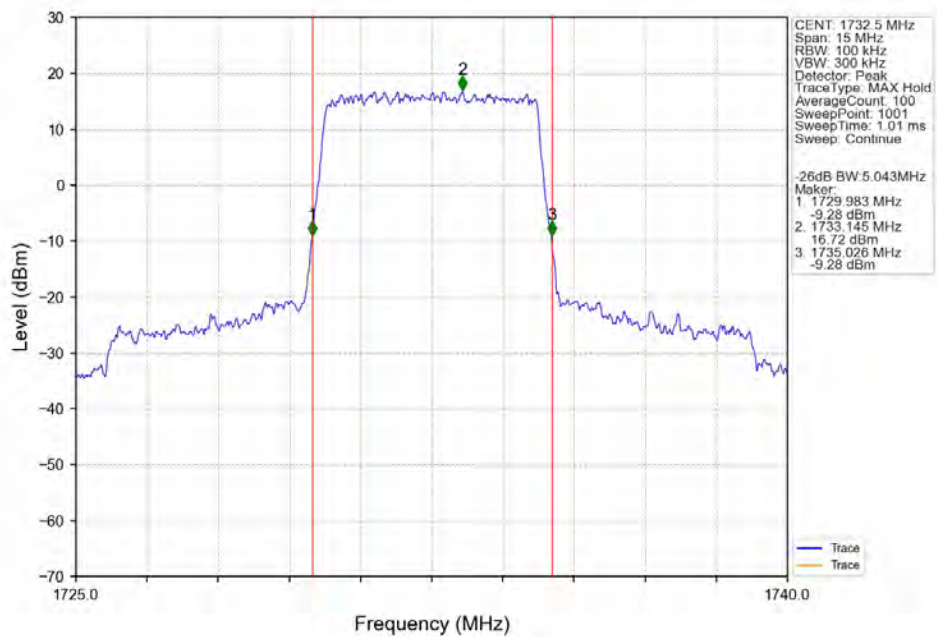
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



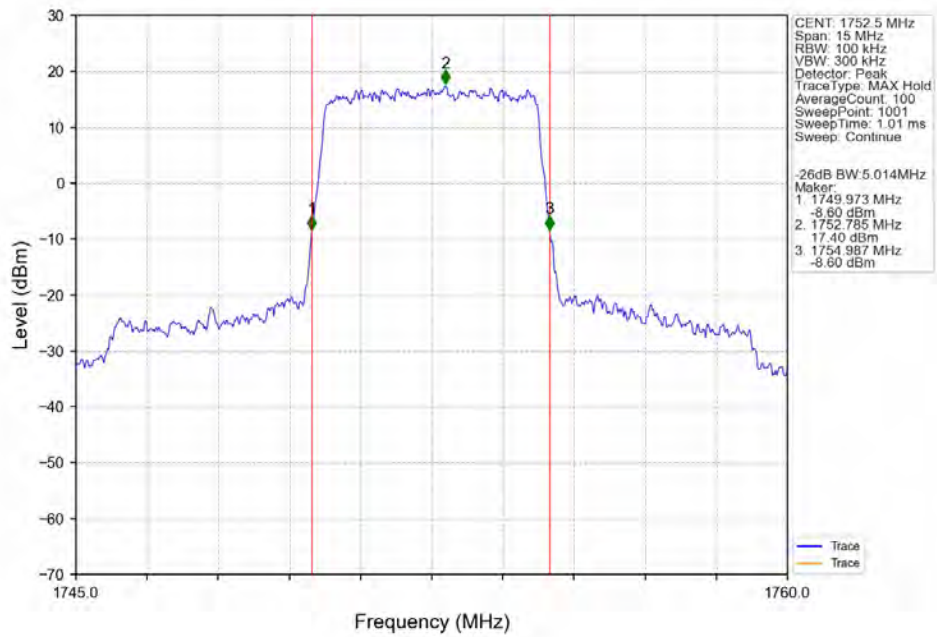
Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



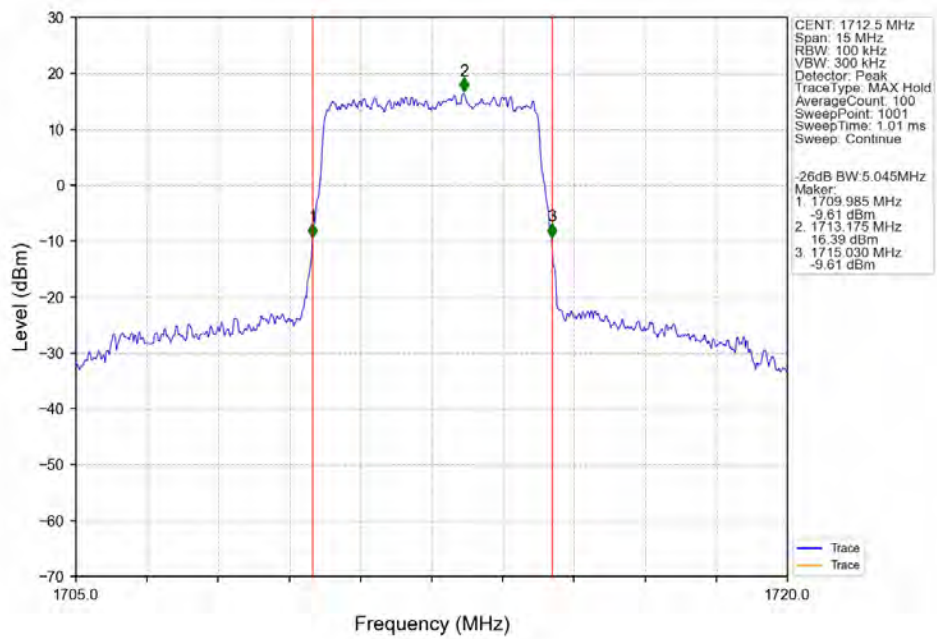
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



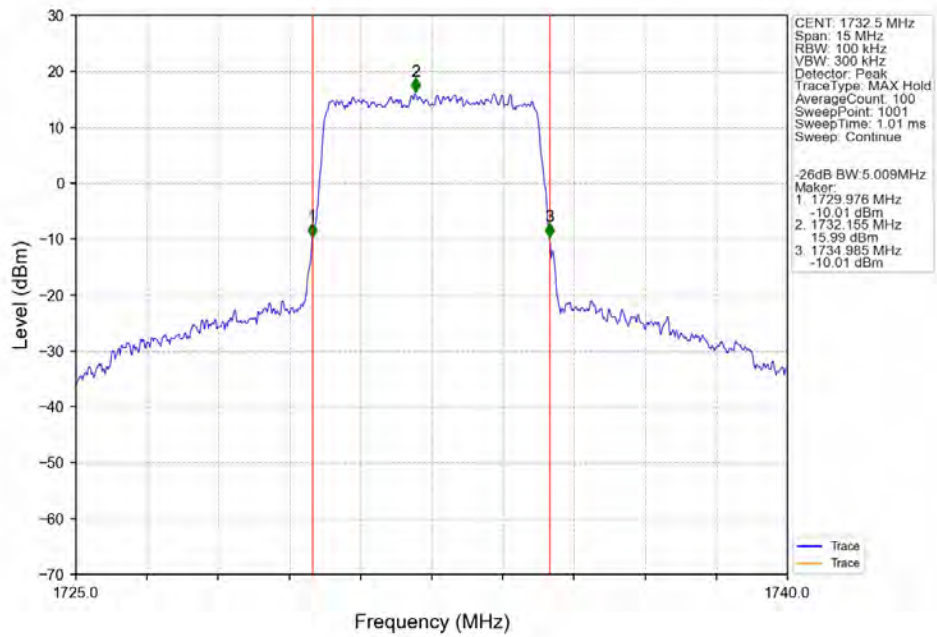
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



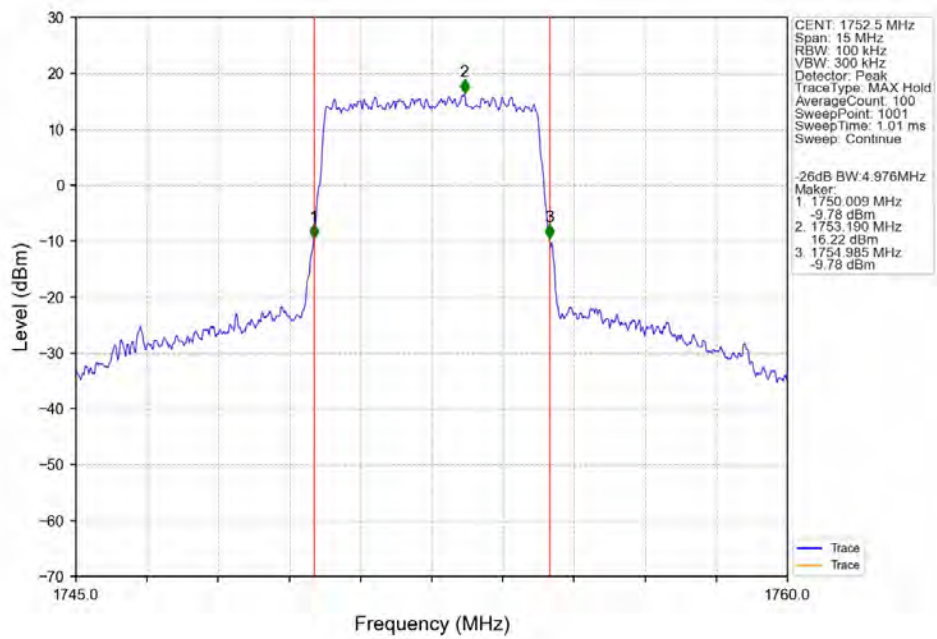
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



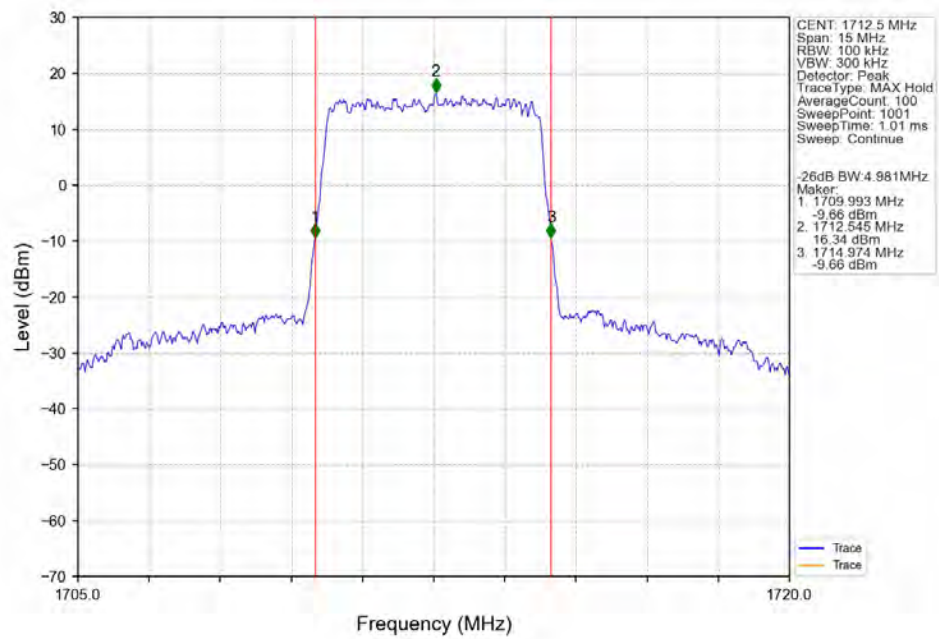
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



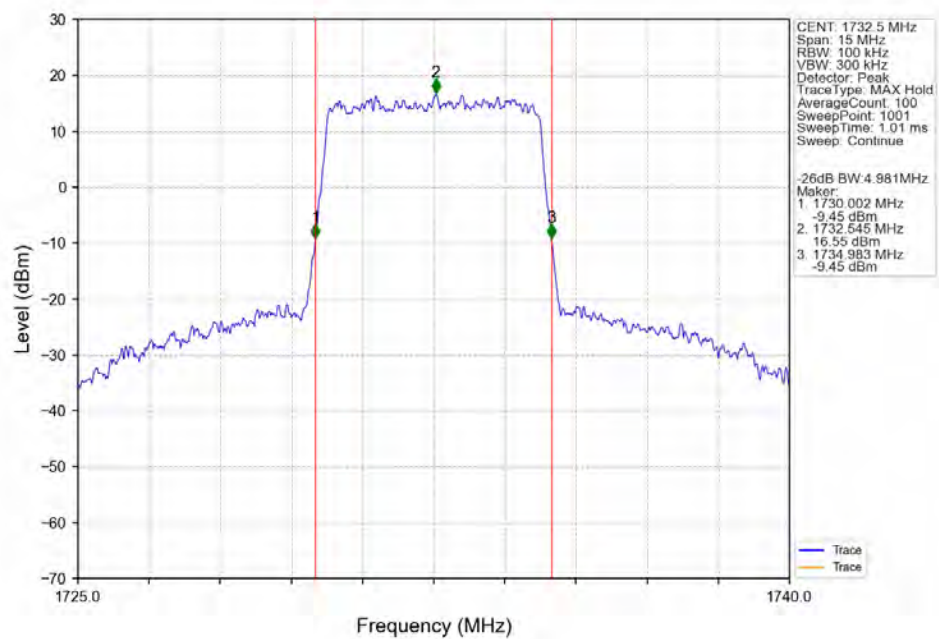
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



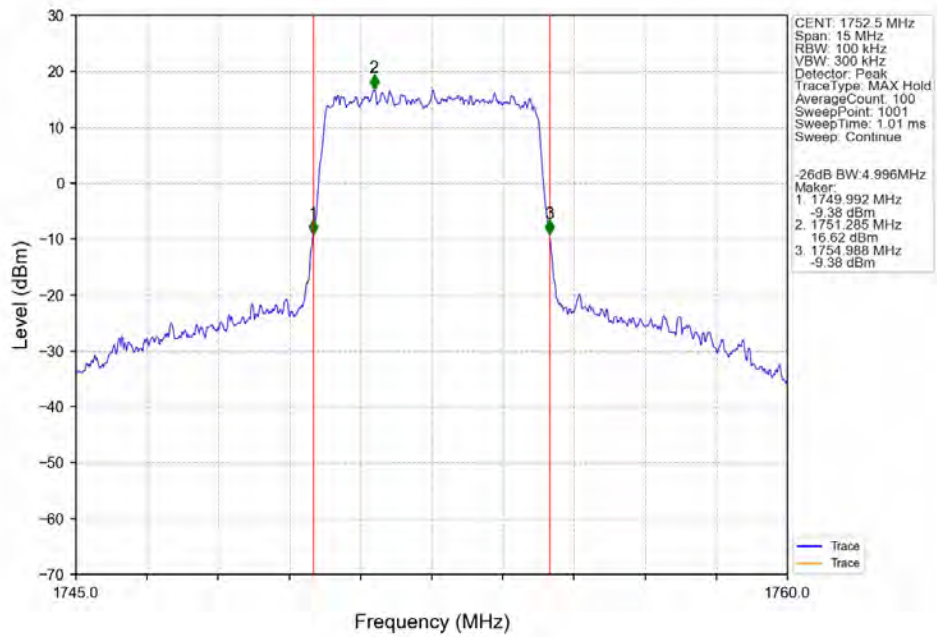
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



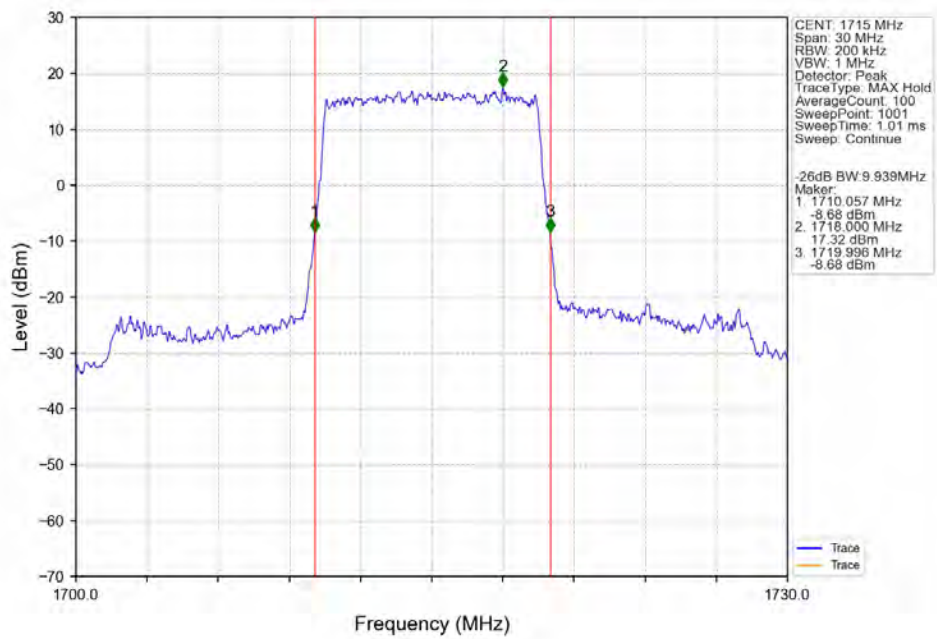
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



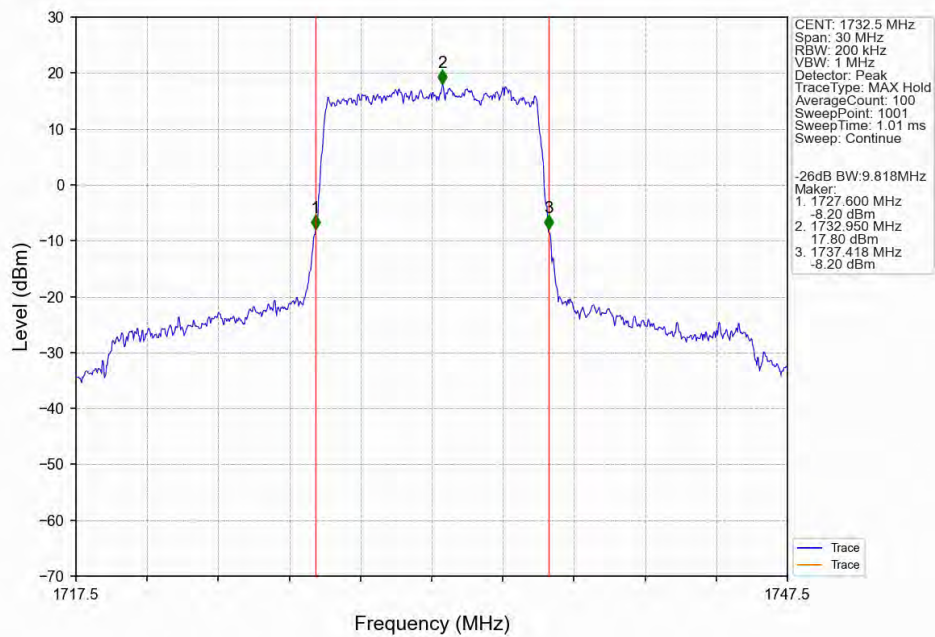
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



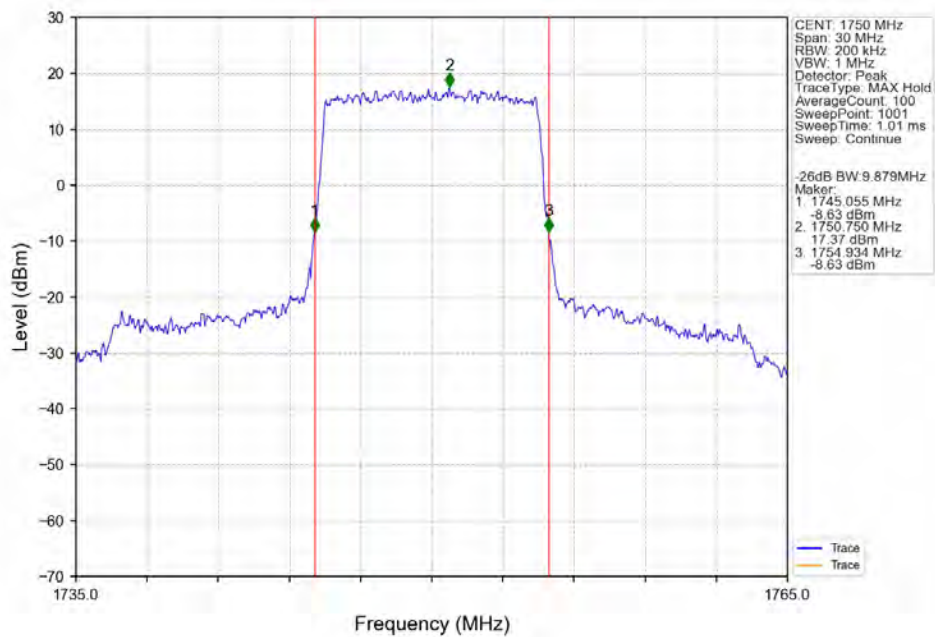
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



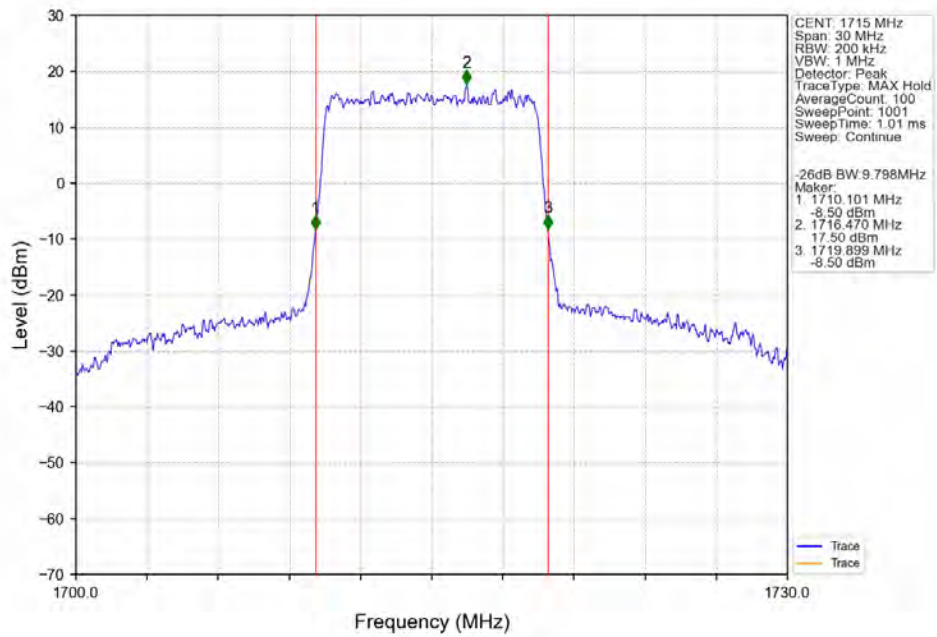
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



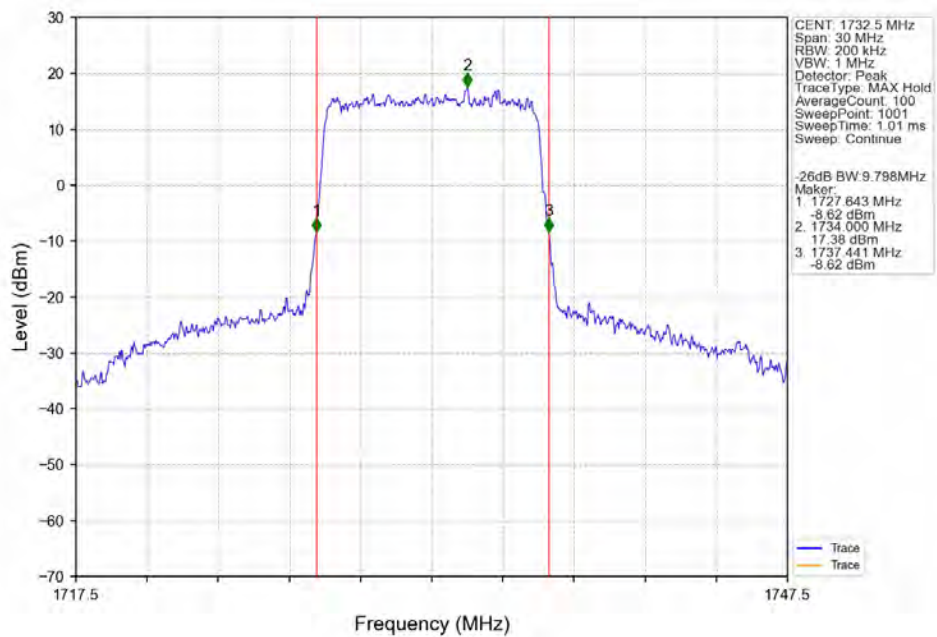
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



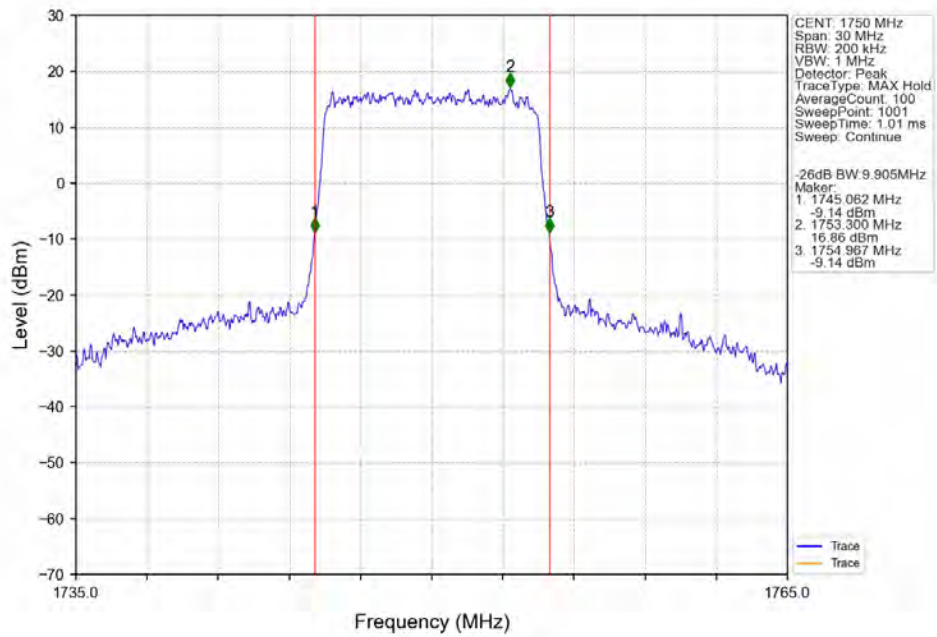
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



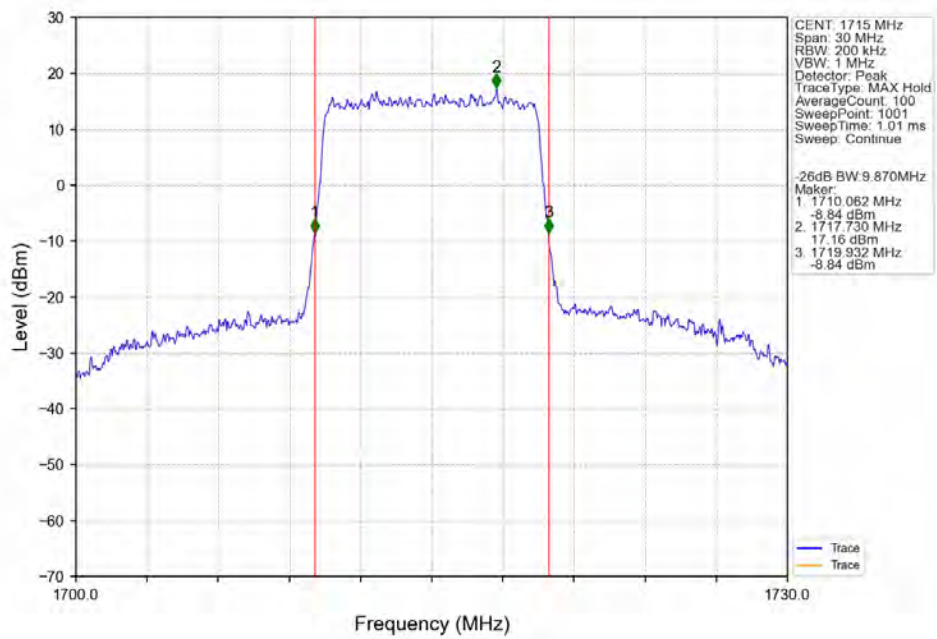
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



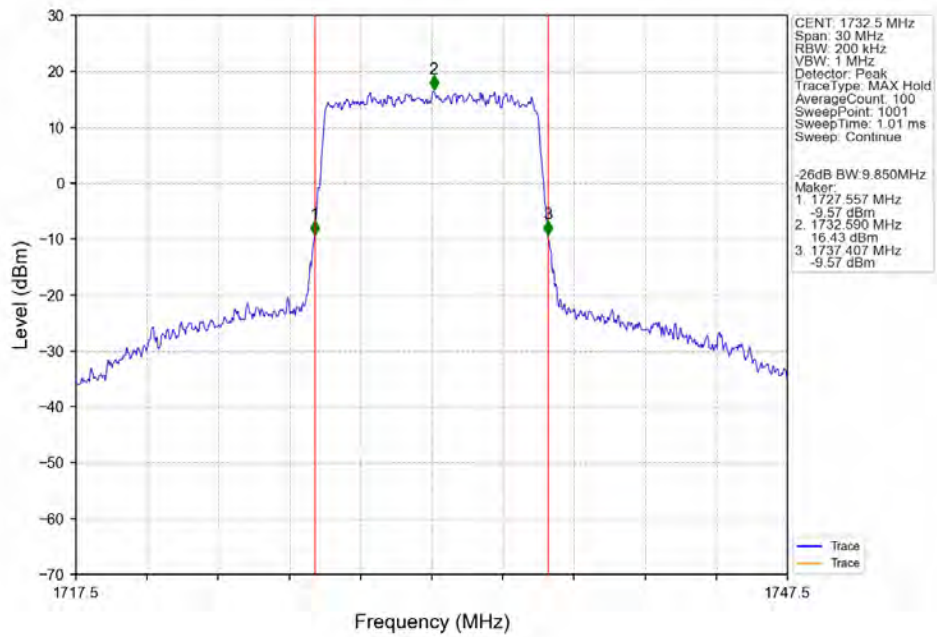
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



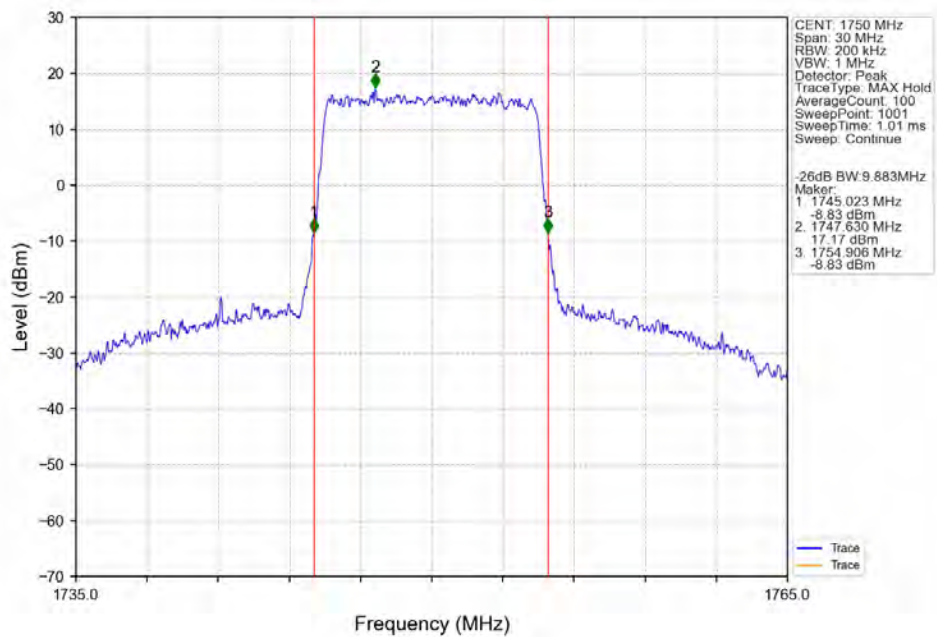
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



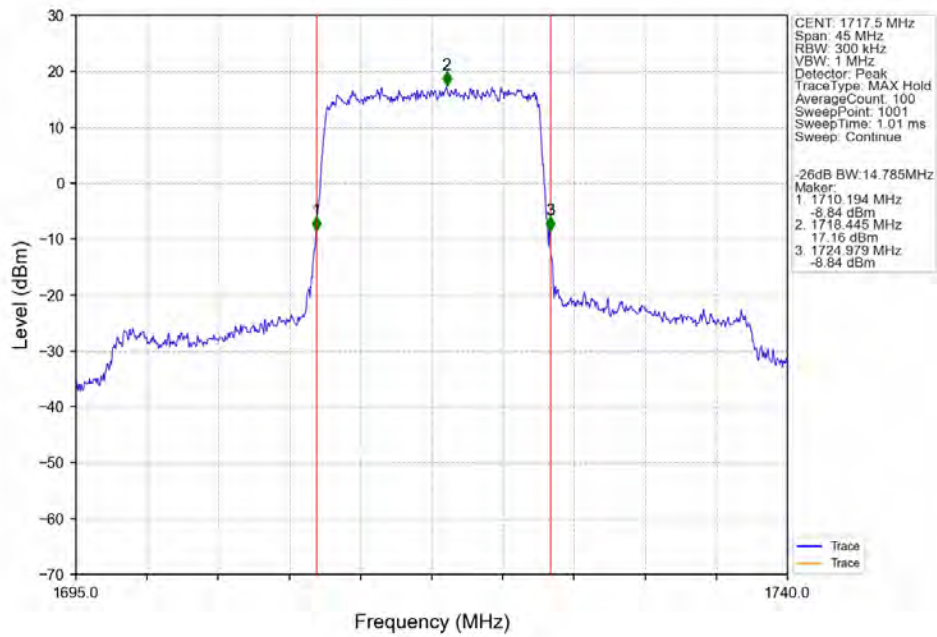
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



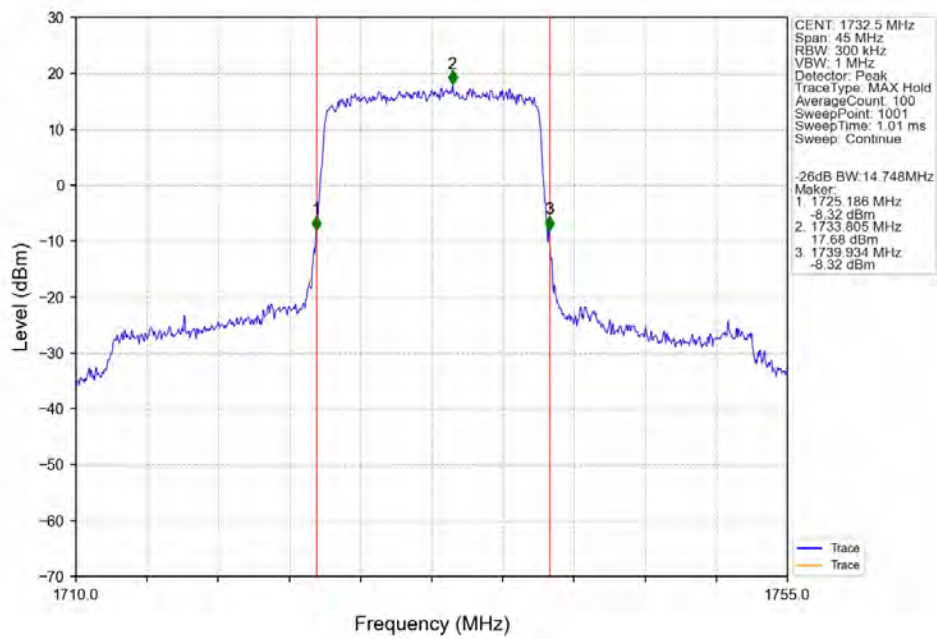
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



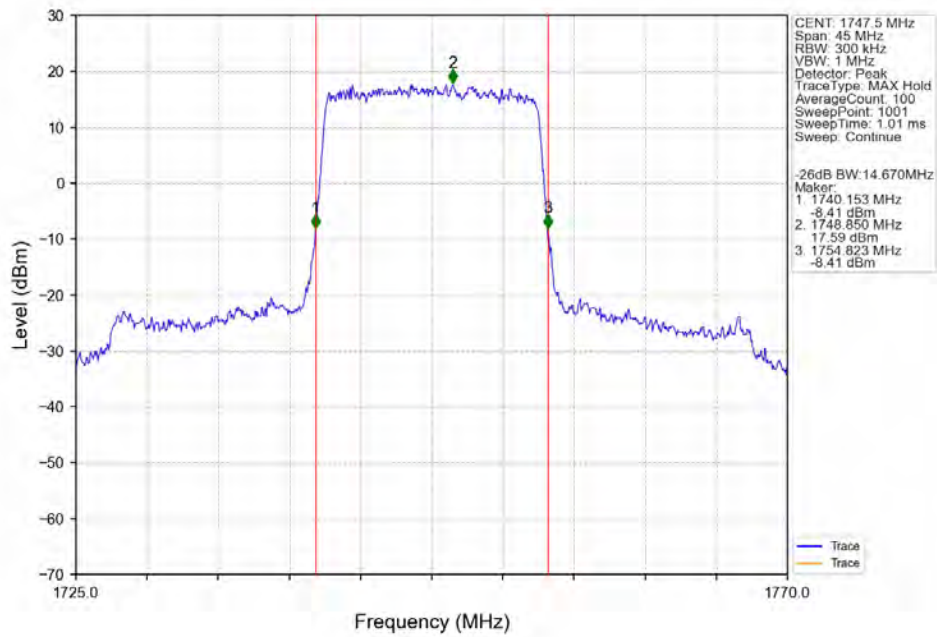
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



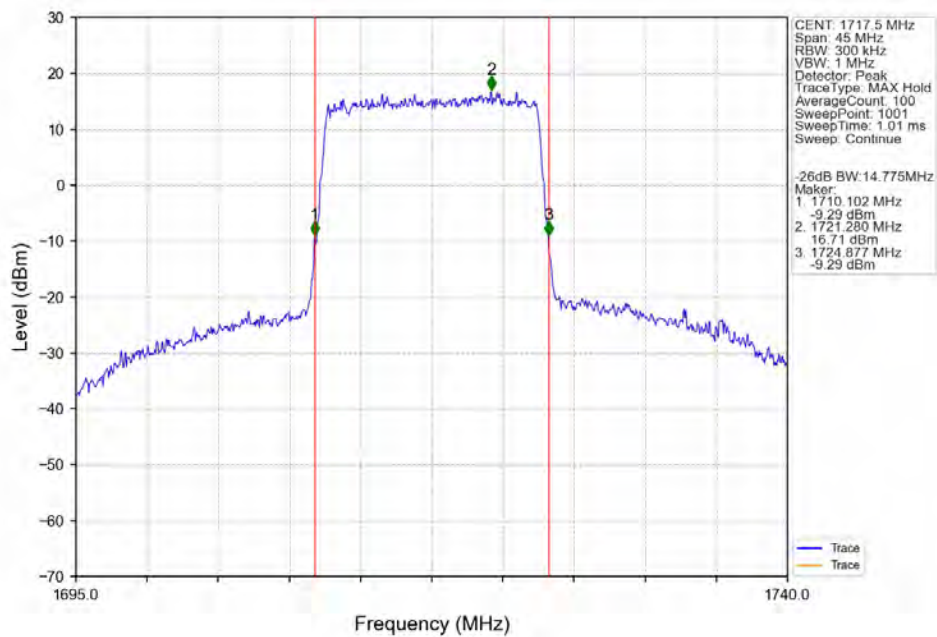
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



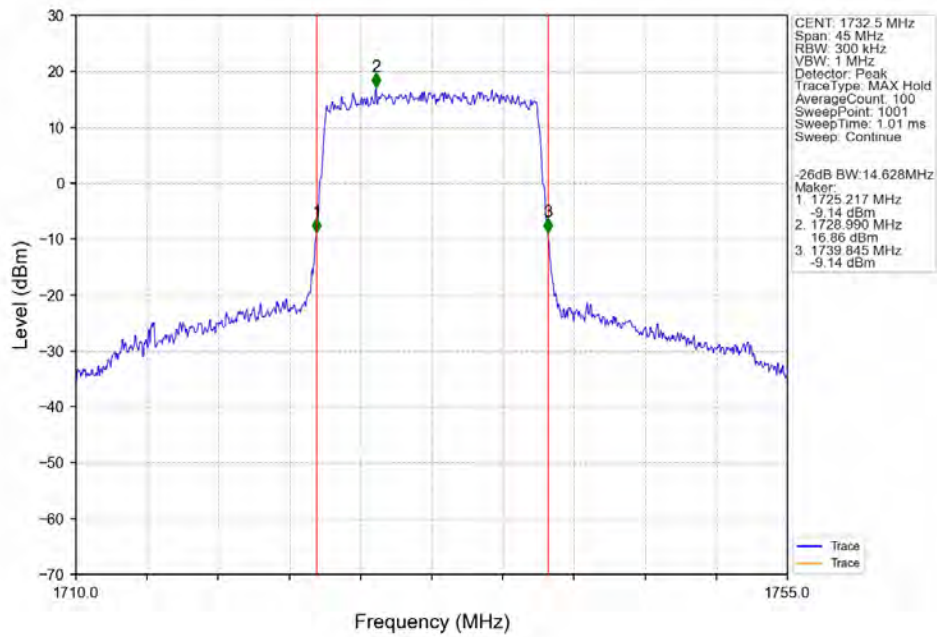
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



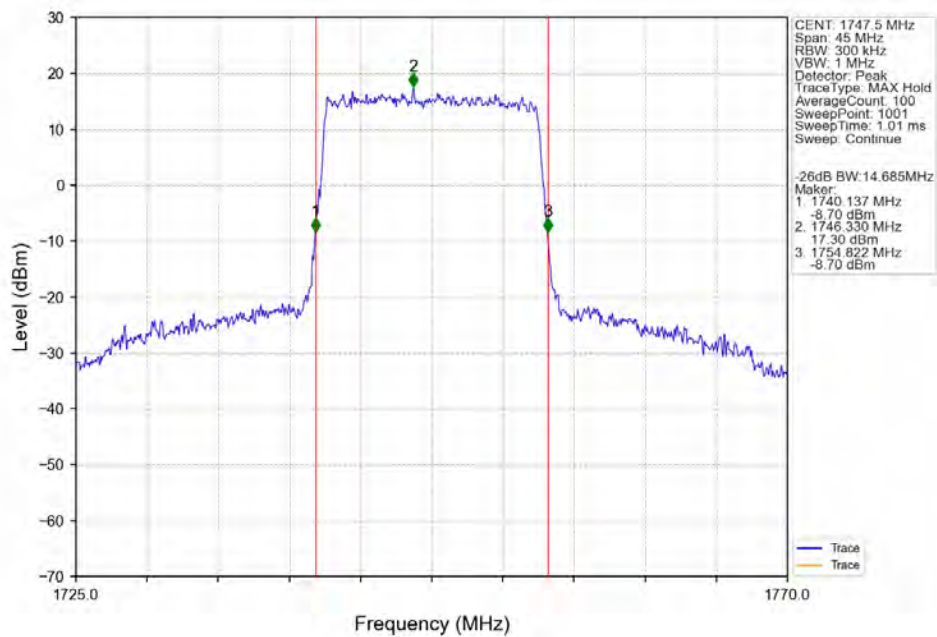
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



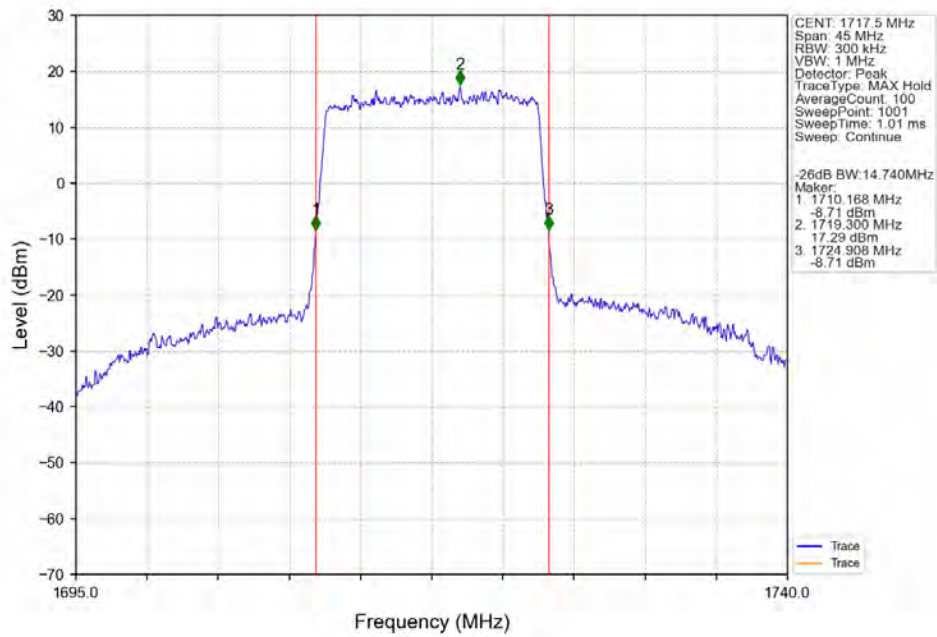
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



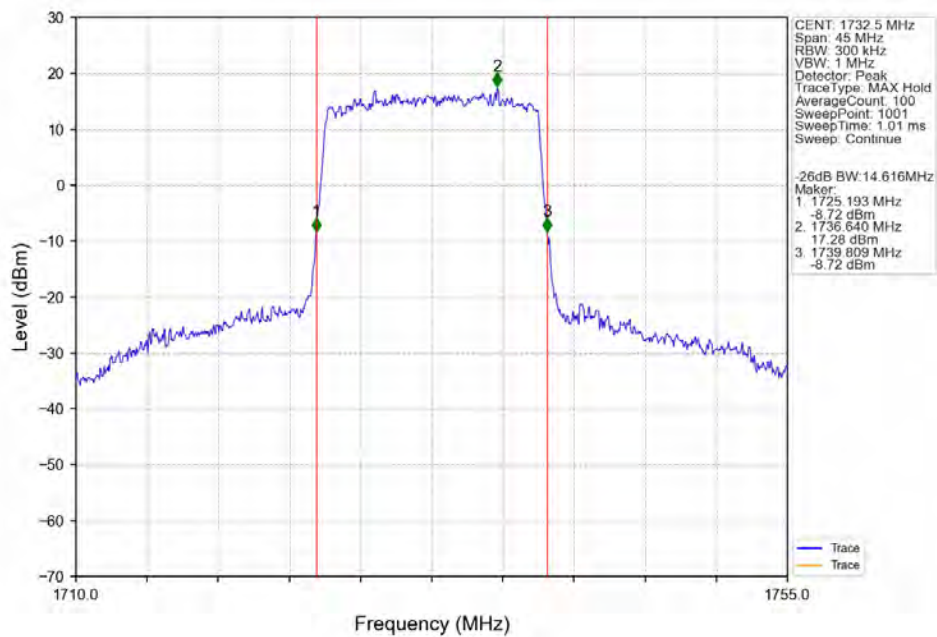
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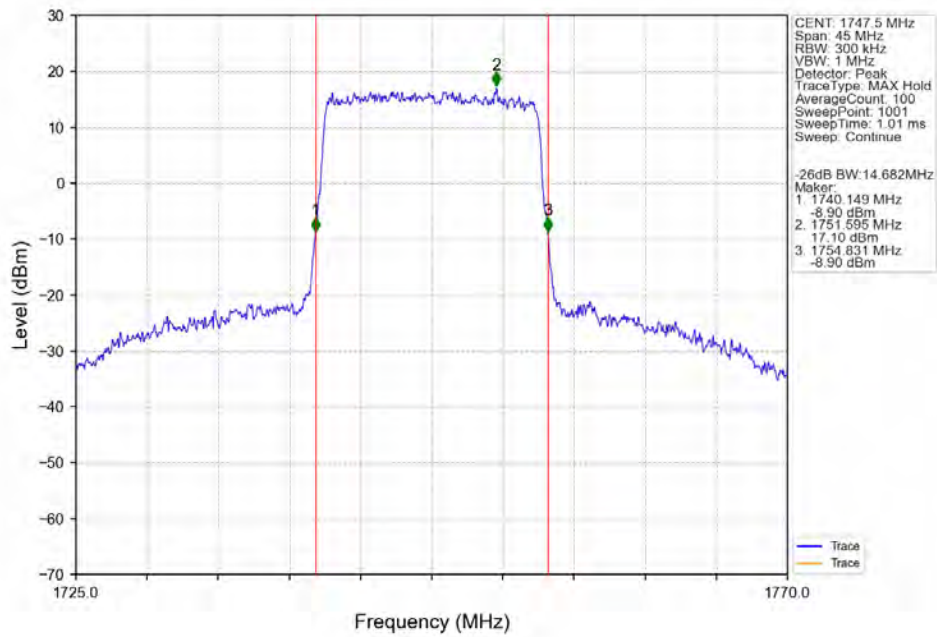
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



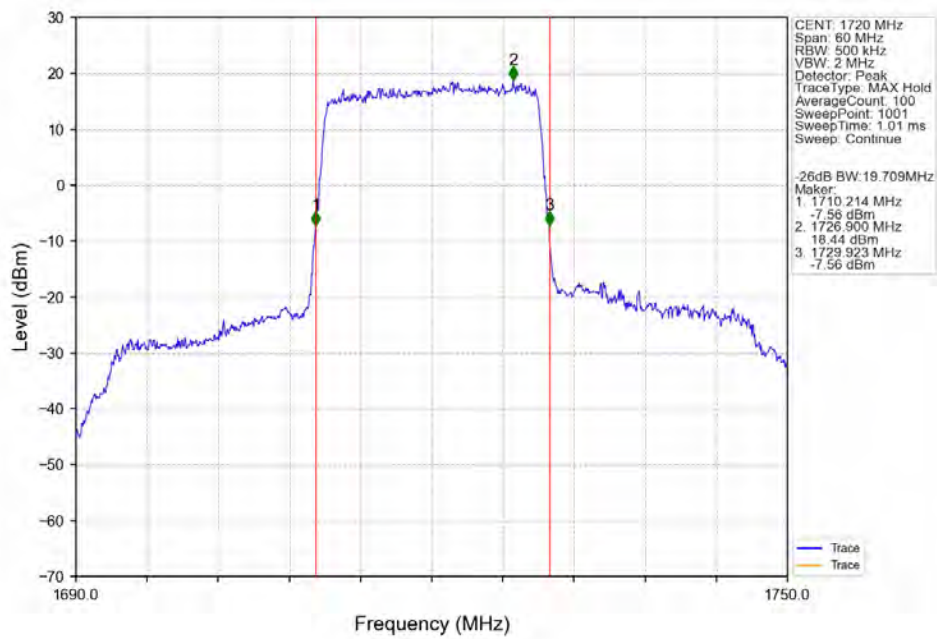
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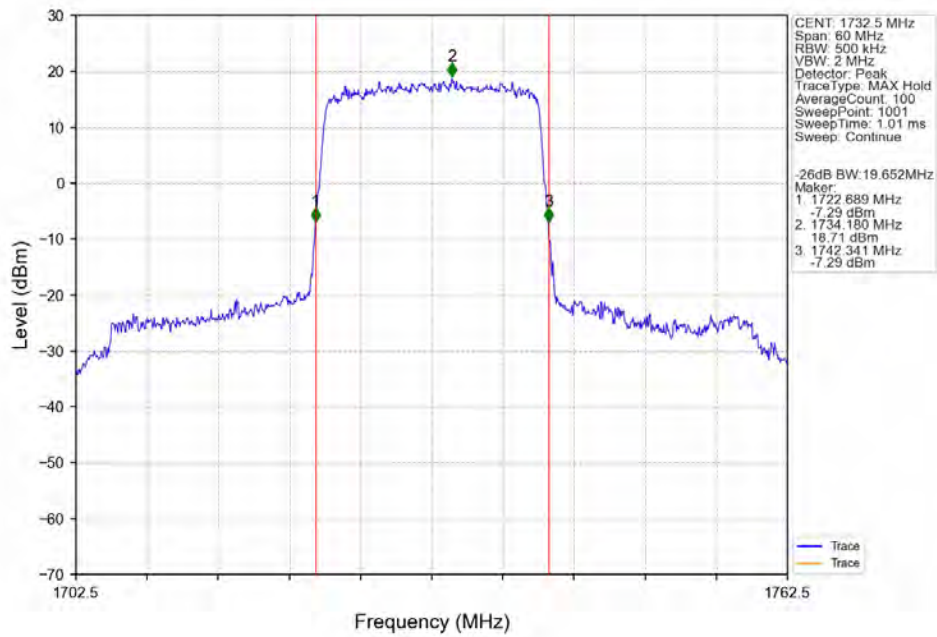
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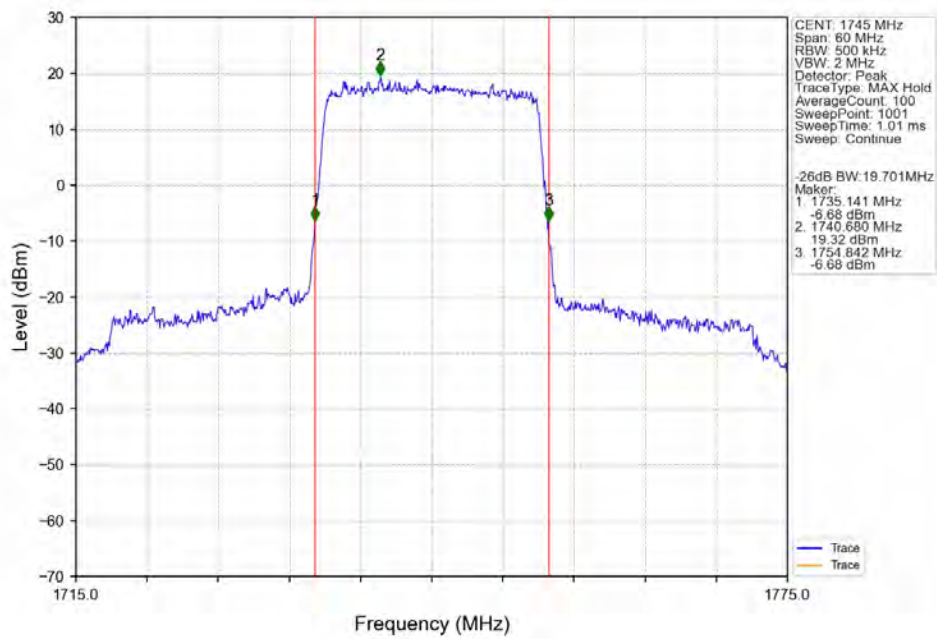
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



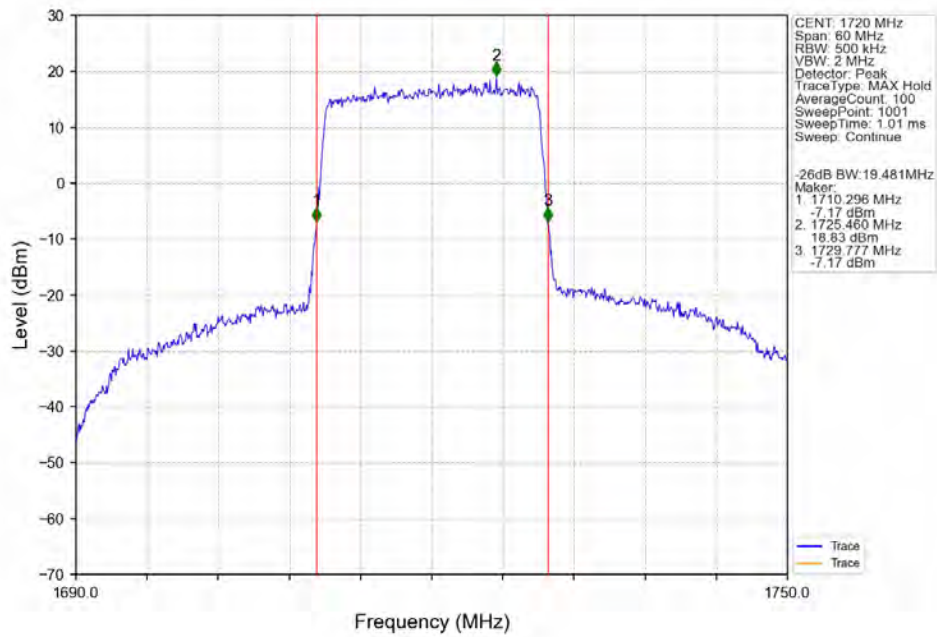
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



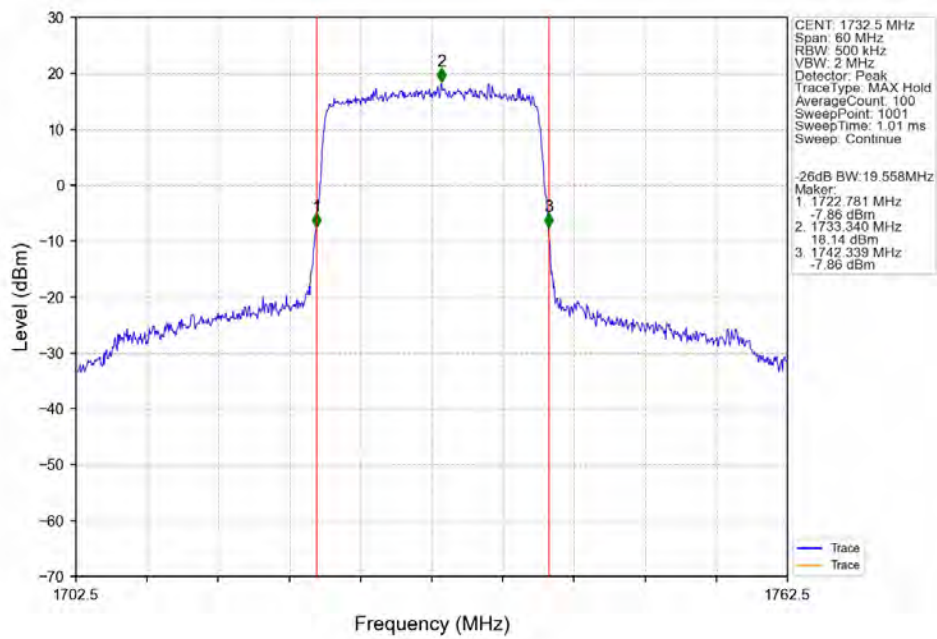
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



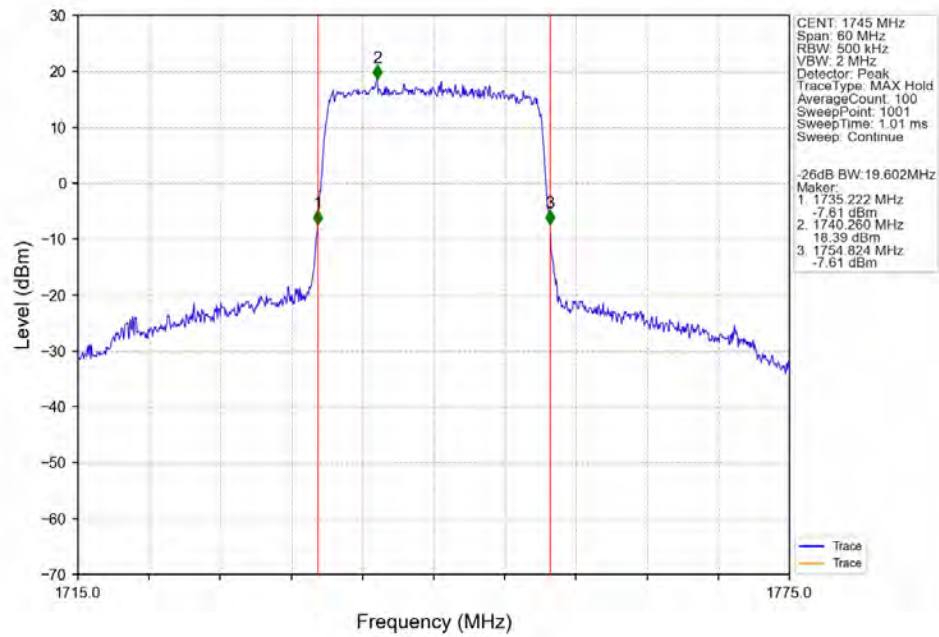
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



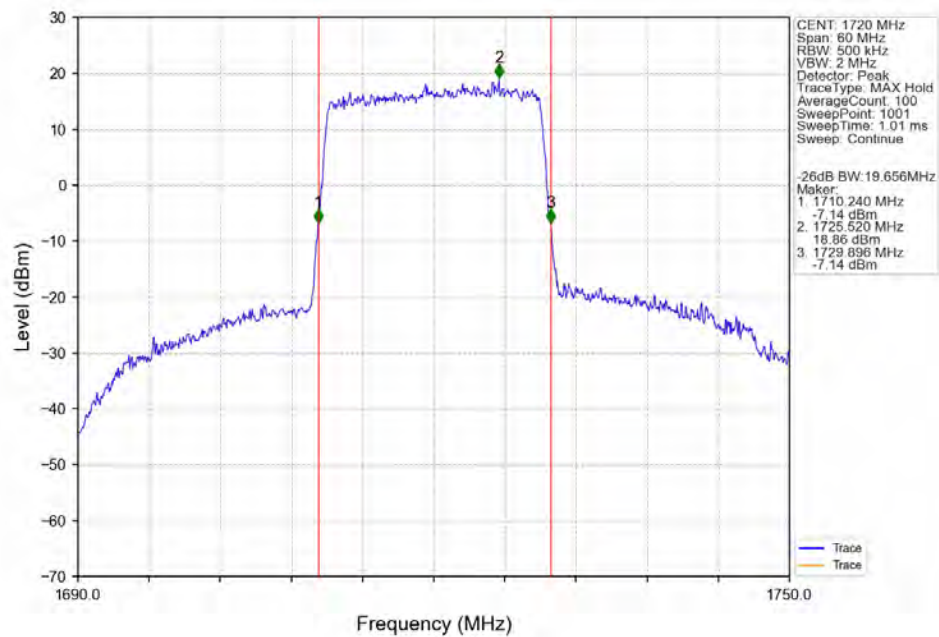
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



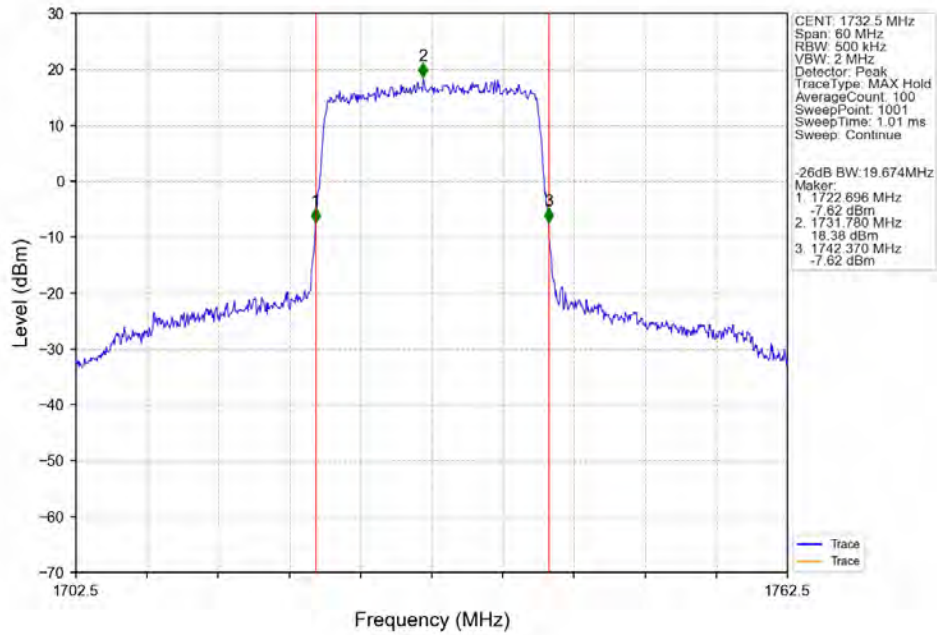
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



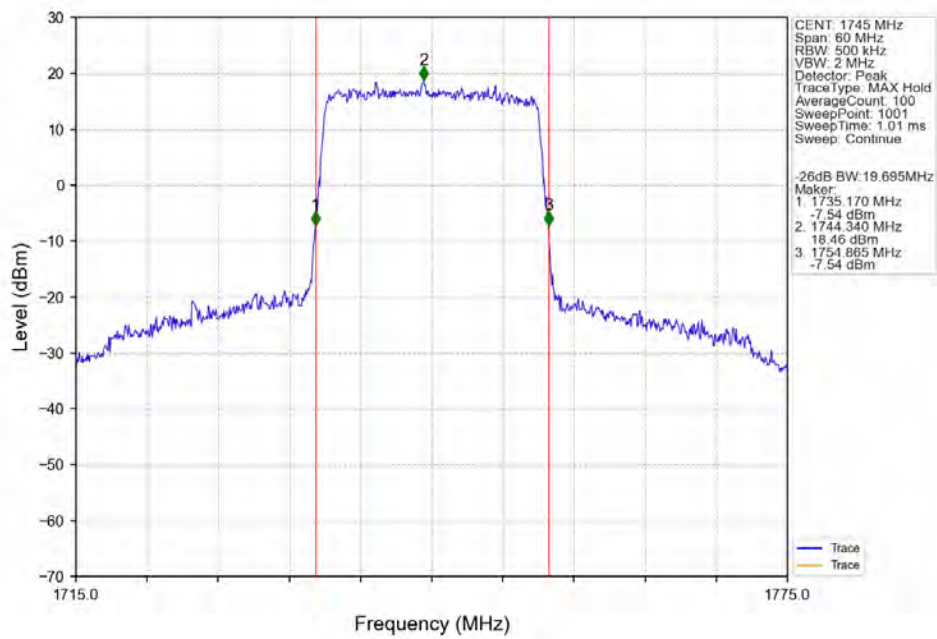
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_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 / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.88	<=13	Pass
	1732.5	6	0	4.78	<=13	Pass
	1754.3	6	0	4.88	<=13	Pass
16QAM	1710.7	6	0	5.68	<=13	Pass
	1732.5	6	0	5.72	<=13	Pass
	1754.3	6	0	5.62	<=13	Pass
64QAM	1710.7	6	0	5.66	<=13	Pass
	1732.5	6	0	5.48	<=13	Pass
	1754.3	6	0	5.62	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.04	<=13	Pass
	1732.5	15	0	4.94	<=13	Pass
	1753.5	15	0	4.98	<=13	Pass
16QAM	1711.5	15	0	5.86	<=13	Pass
	1732.5	15	0	5.78	<=13	Pass
	1753.5	15	0	5.84	<=13	Pass
64QAM	1711.5	15	0	5.80	<=13	Pass
	1732.5	15	0	5.70	<=13	Pass
	1753.5	15	0	5.74	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.16	<=13	Pass
	1732.5	25	0	5.02	<=13	Pass
	1752.5	25	0	5.06	<=13	Pass
16QAM	1712.5	25	0	5.86	<=13	Pass
	1732.5	25	0	5.78	<=13	Pass
	1752.5	25	0	5.84	<=13	Pass
64QAM	1712.5	25	0	5.80	<=13	Pass
	1732.5	25	0	5.68	<=13	Pass
	1752.5	25	0	5.84	<=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	5.18	<=13	Pass
	1732.5	50	0	5.02	<=13	Pass
	1750	50	0	5.16	<=13	Pass
16QAM	1715	50	0	6.08	<=13	Pass
	1732.5	50	0	5.74	<=13	Pass
	1750	50	0	5.86	<=13	Pass
64QAM	1715	50	0	5.86	<=13	Pass
	1732.5	50	0	5.74	<=13	Pass
	1750	50	0	5.82	<=13	Pass

4.1.5 B4_15MHz

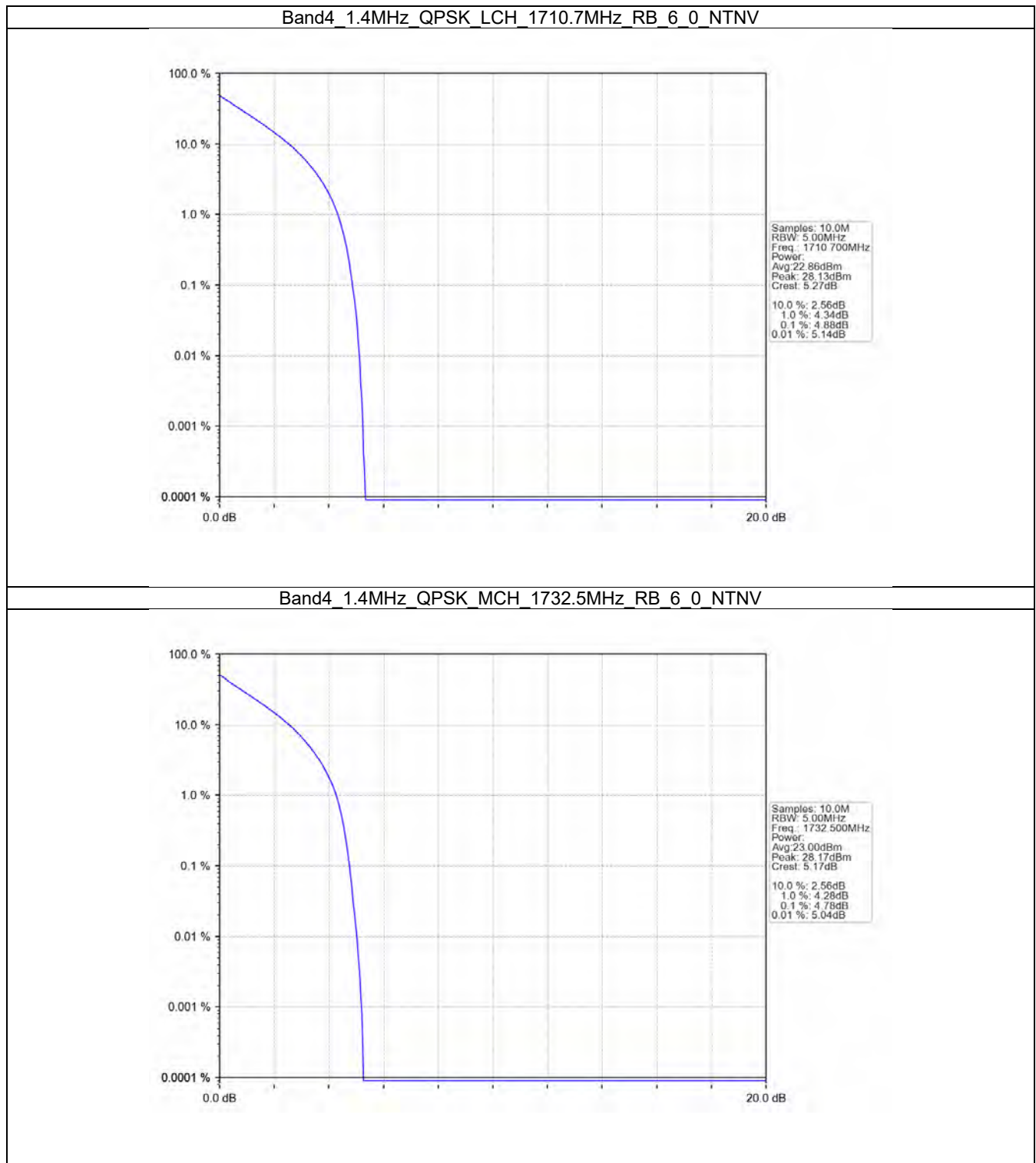
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.14	<=13	Pass
	1732.5	75	0	4.80	<=13	Pass
	1747.5	75	0	4.86	<=13	Pass
16QAM	1717.5	75	0	5.86	<=13	Pass
	1732.5	75	0	5.62	<=13	Pass
	1747.5	75	0	5.72	<=13	Pass
64QAM	1717.5	75	0	5.84	<=13	Pass
	1732.5	75	0	5.62	<=13	Pass
	1747.5	75	0	5.56	<=13	Pass

4.1.6 B4_20MHz

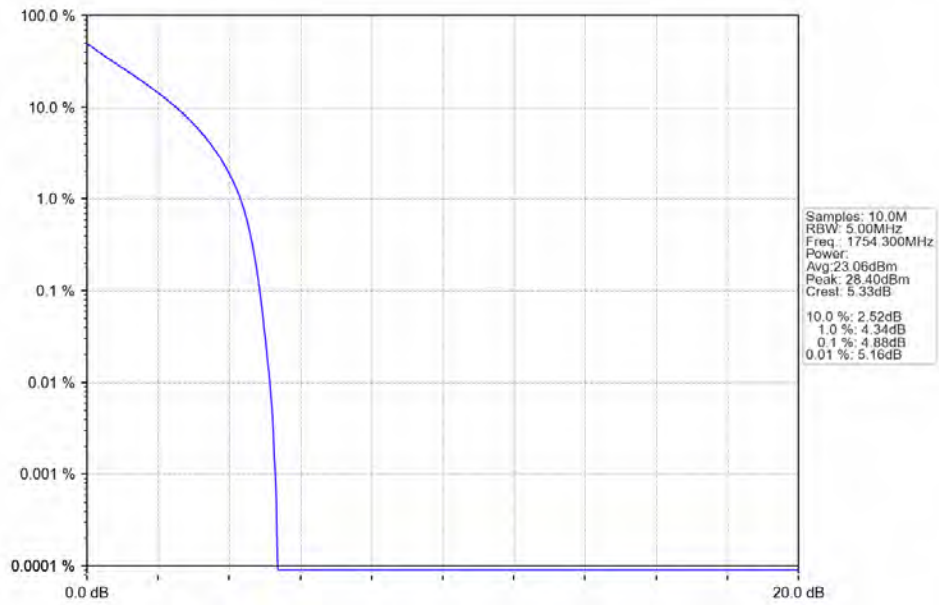
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.14	<=13	Pass
	1732.5	100	0	4.94	<=13	Pass
	1745	100	0	4.88	<=13	Pass
16QAM	1720	100	0	5.94	<=13	Pass
	1732.5	100	0	5.74	<=13	Pass
	1745	100	0	5.76	<=13	Pass
64QAM	1720	100	0	5.92	<=13	Pass
	1732.5	100	0	5.70	<=13	Pass
	1745	100	0	5.72	<=13	Pass

4.2 Test Graph

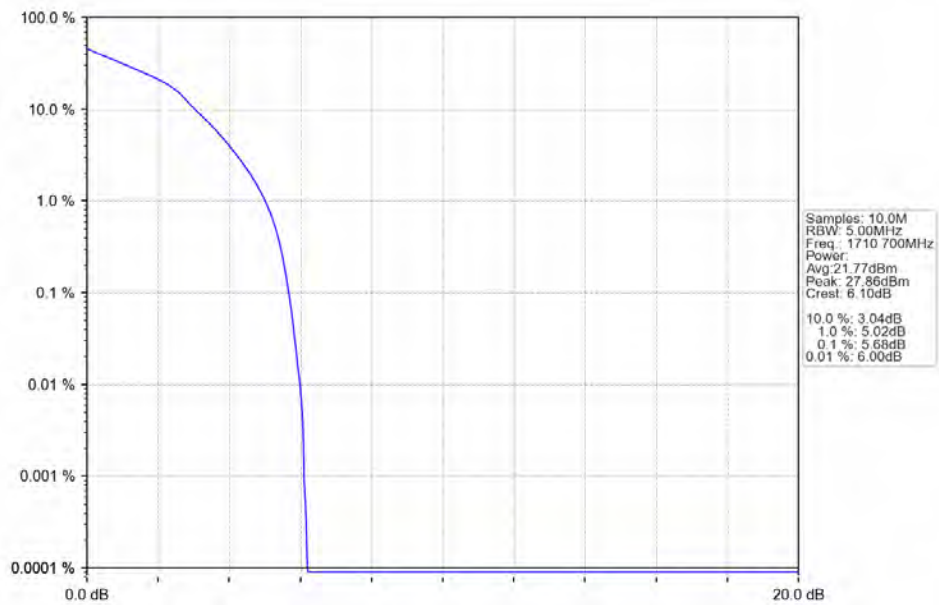
4.2.1 B4_1.4MHz



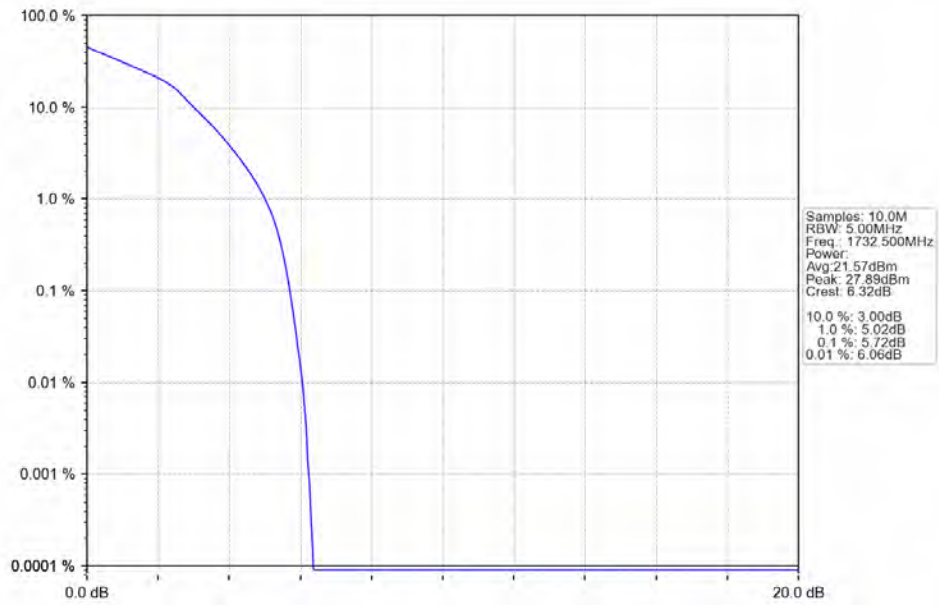
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



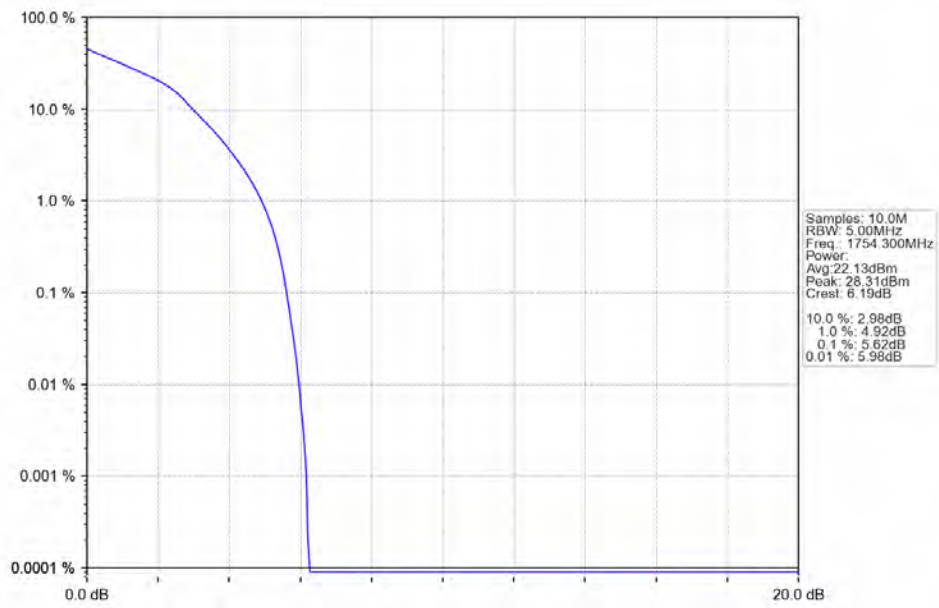
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



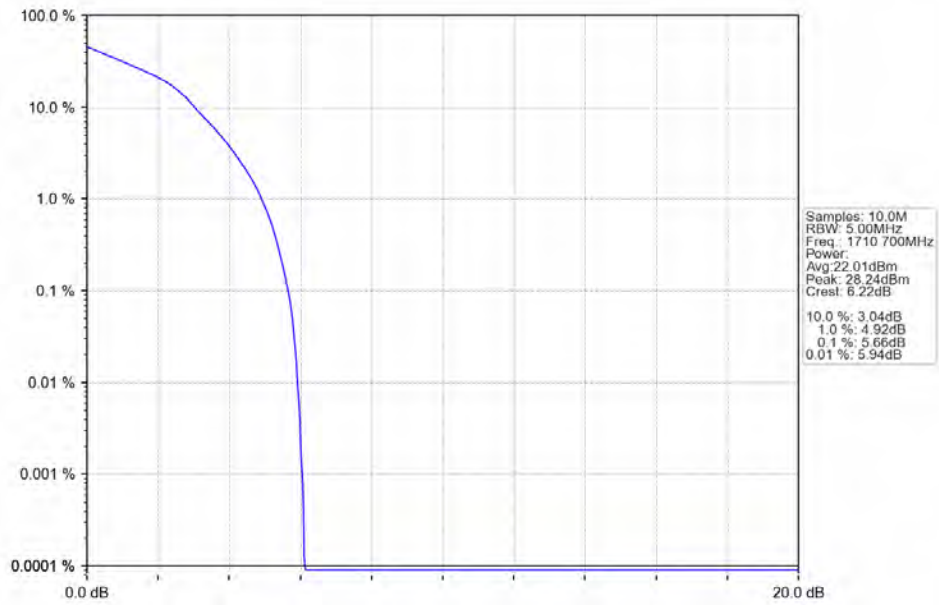
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



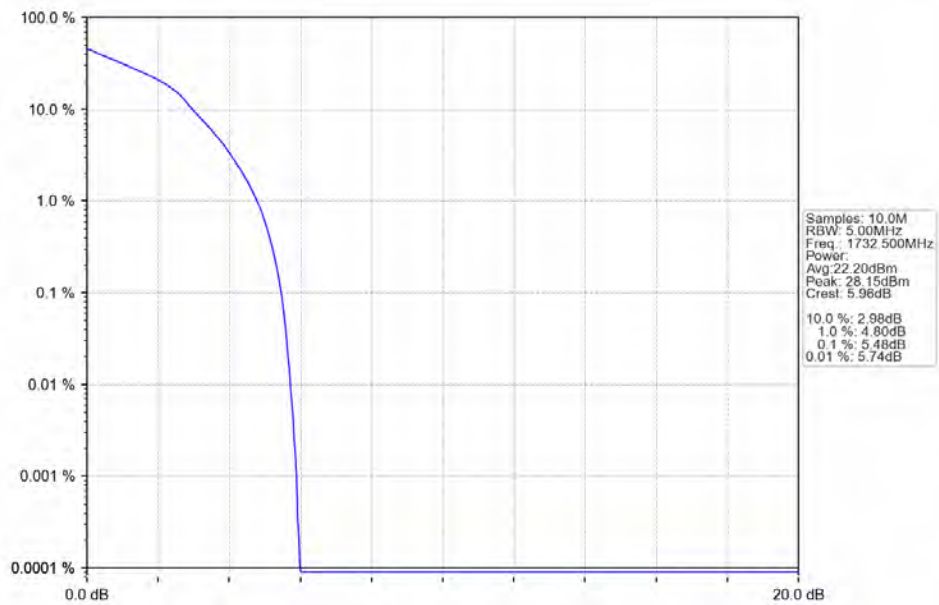
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



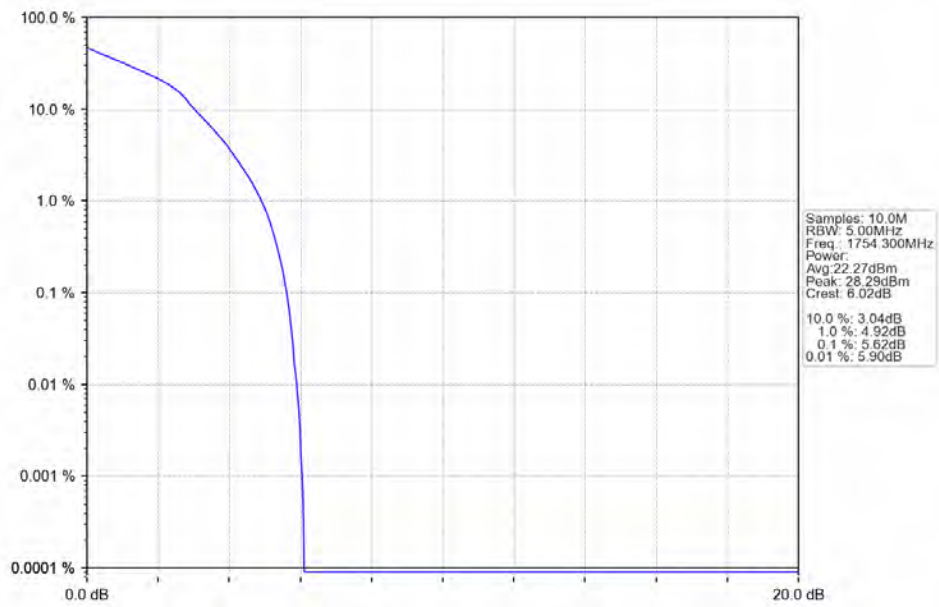
Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV

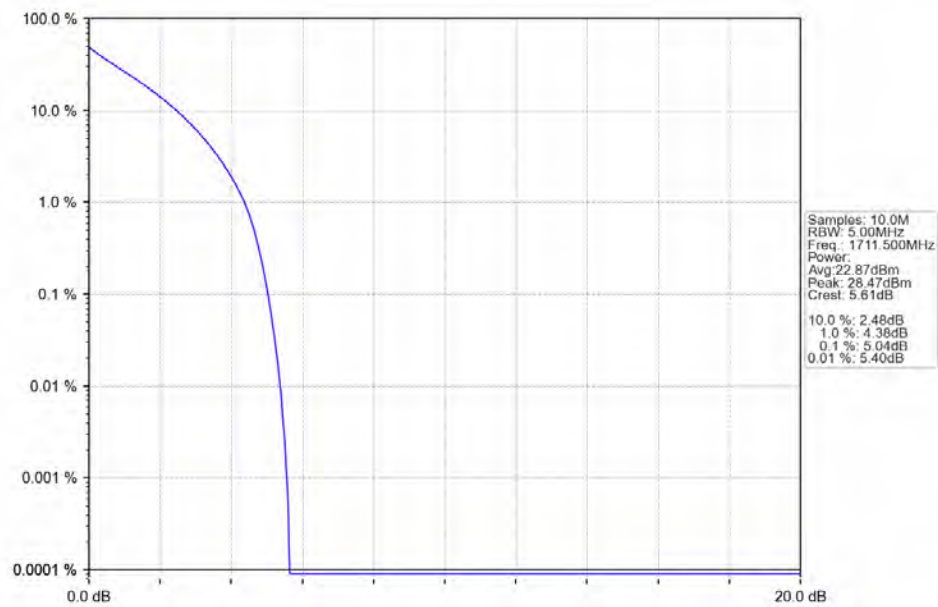


Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV

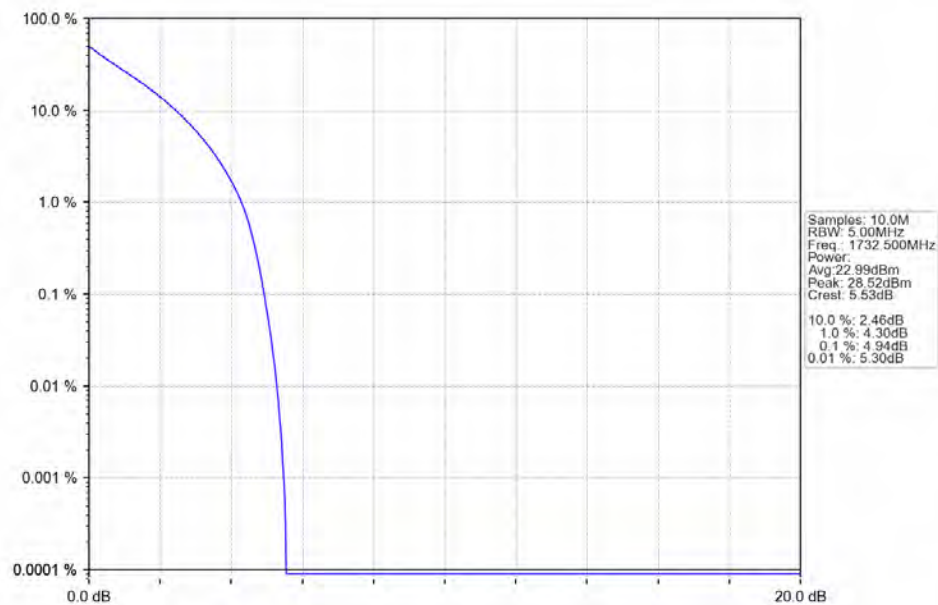


4.2.2 B4_3MHz

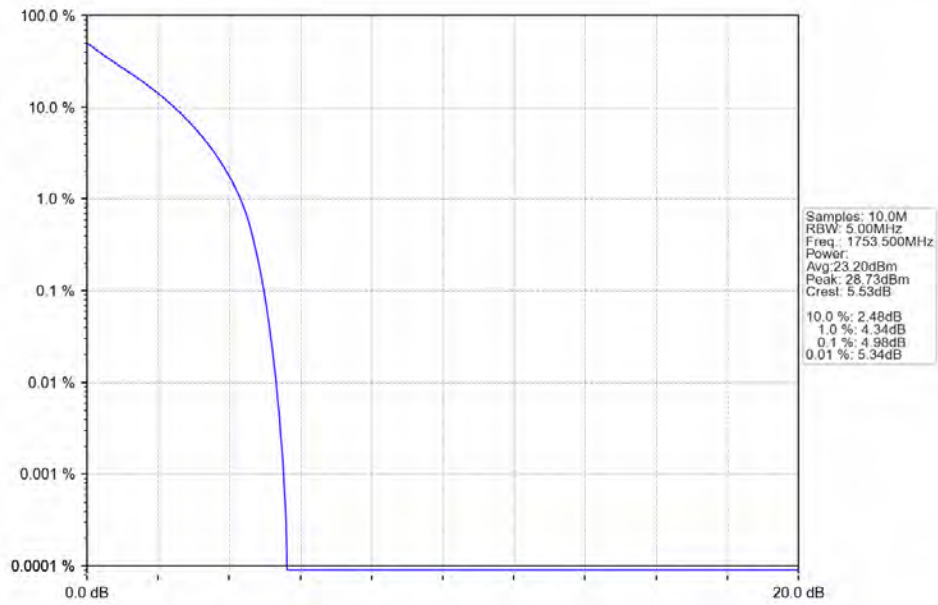
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



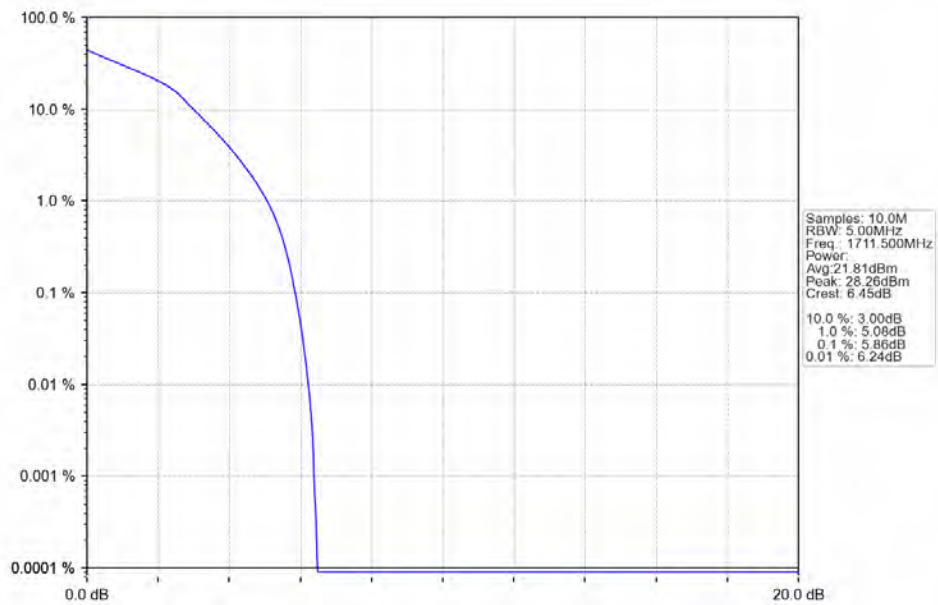
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



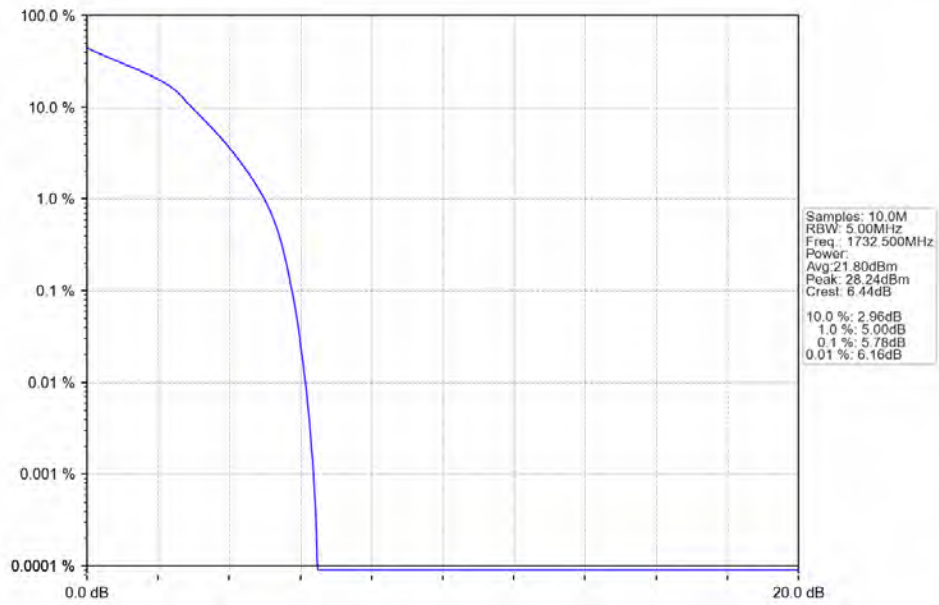
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



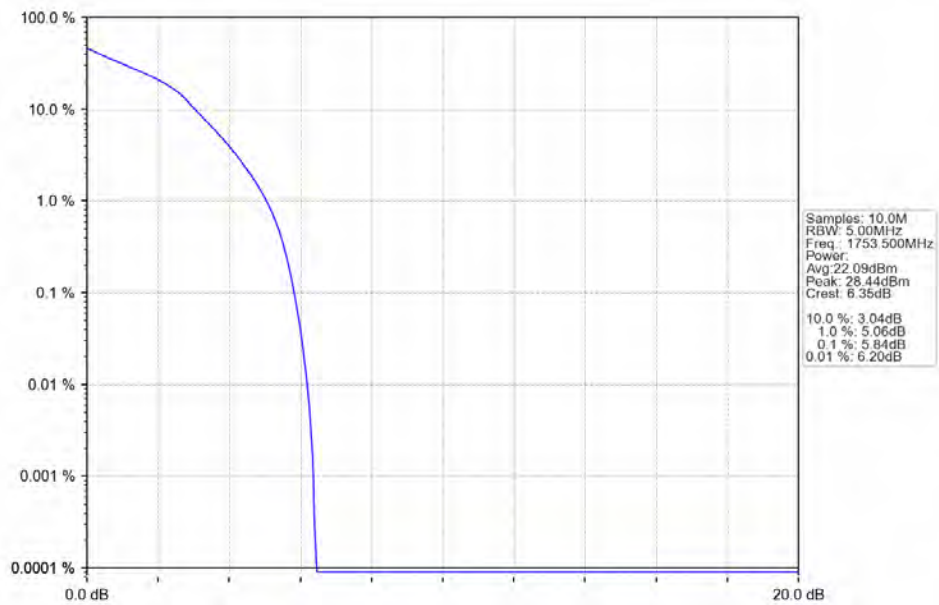
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



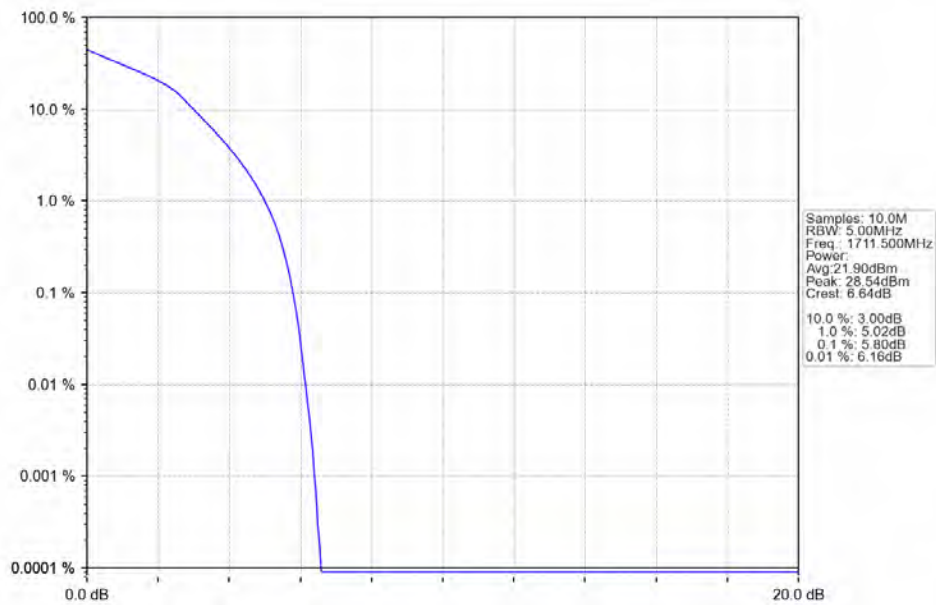
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



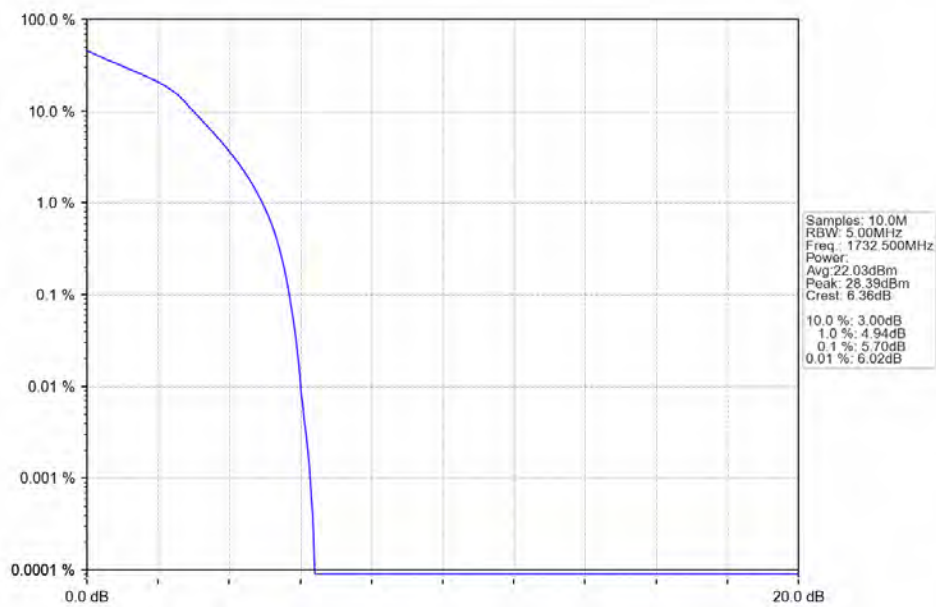
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



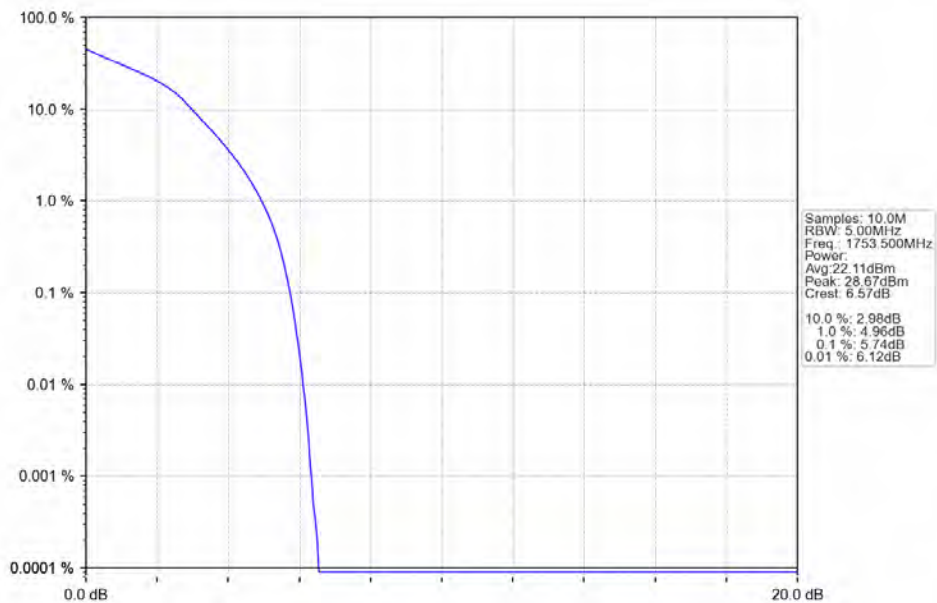
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV

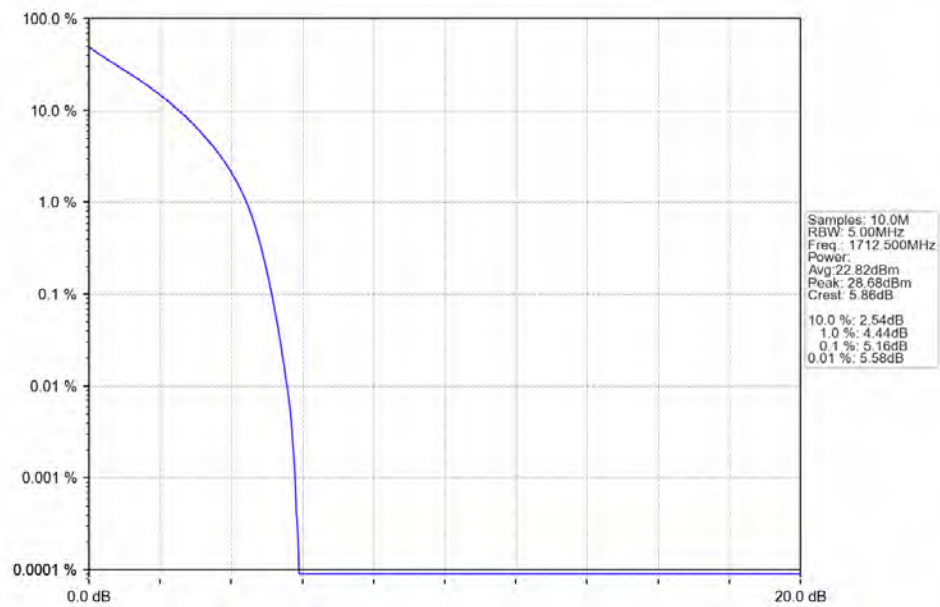


Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV

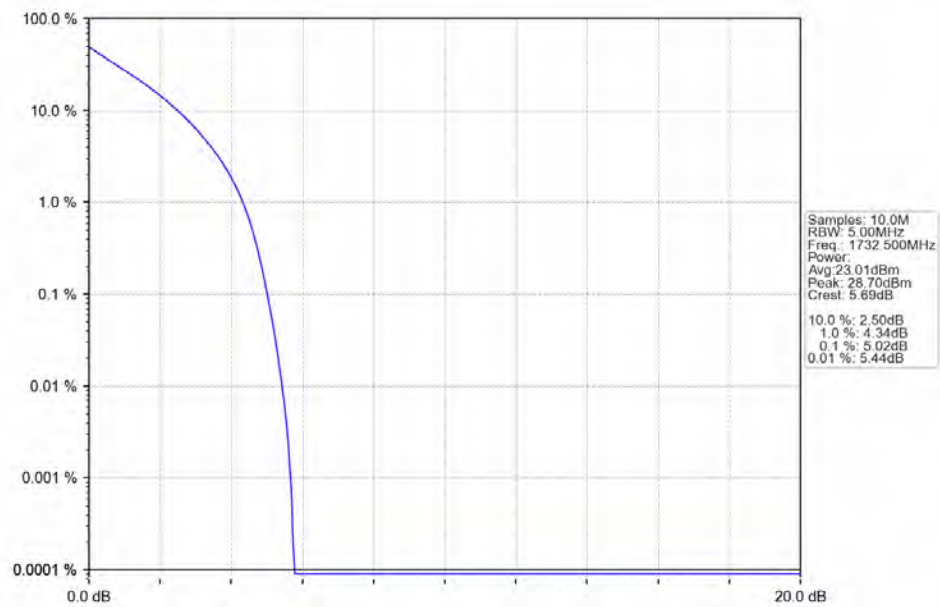


4.2.3 B4_5MHz

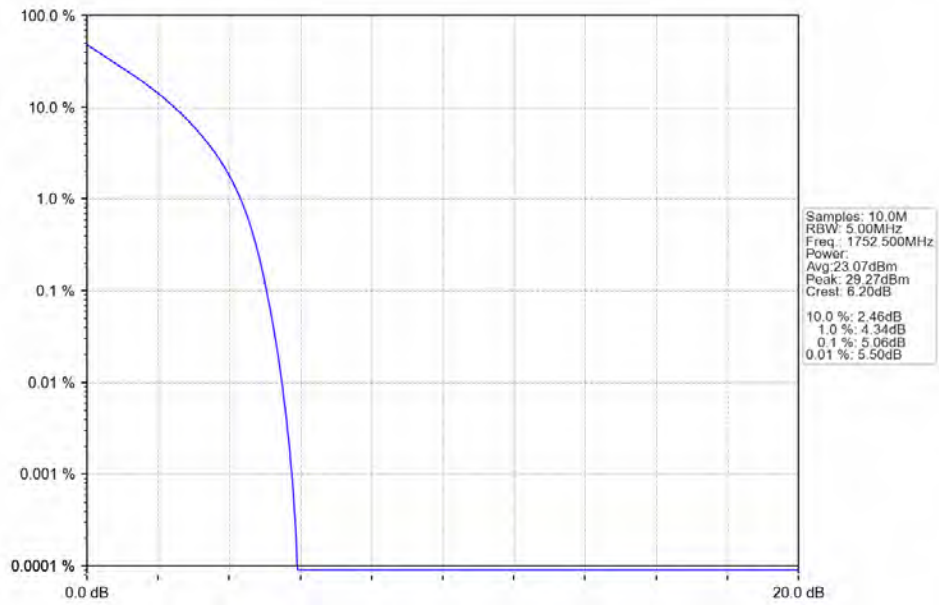
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



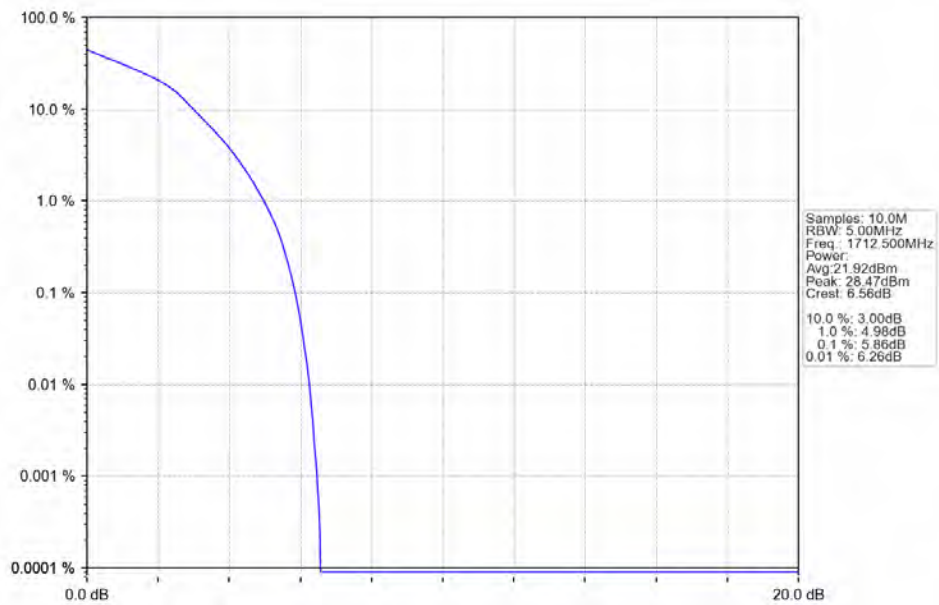
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



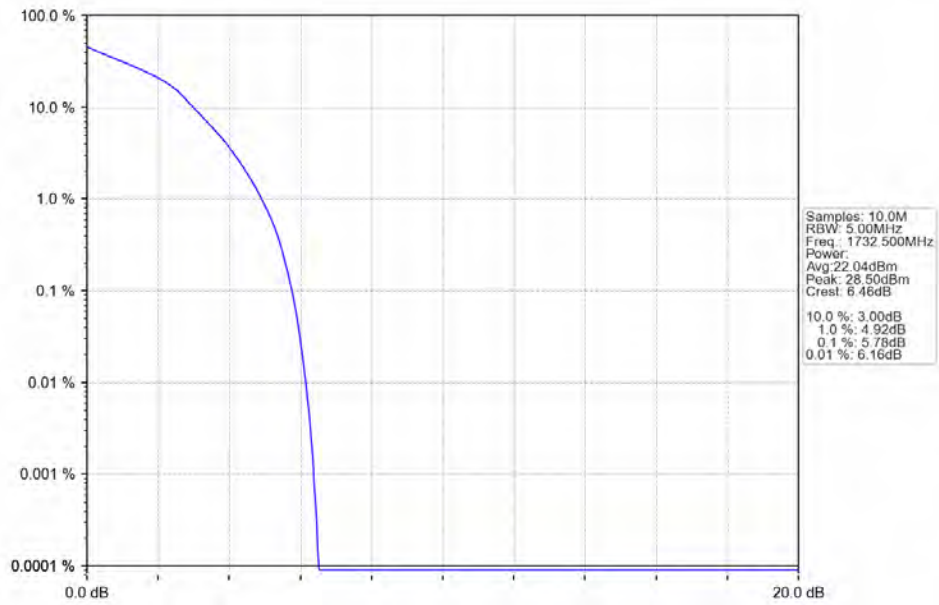
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



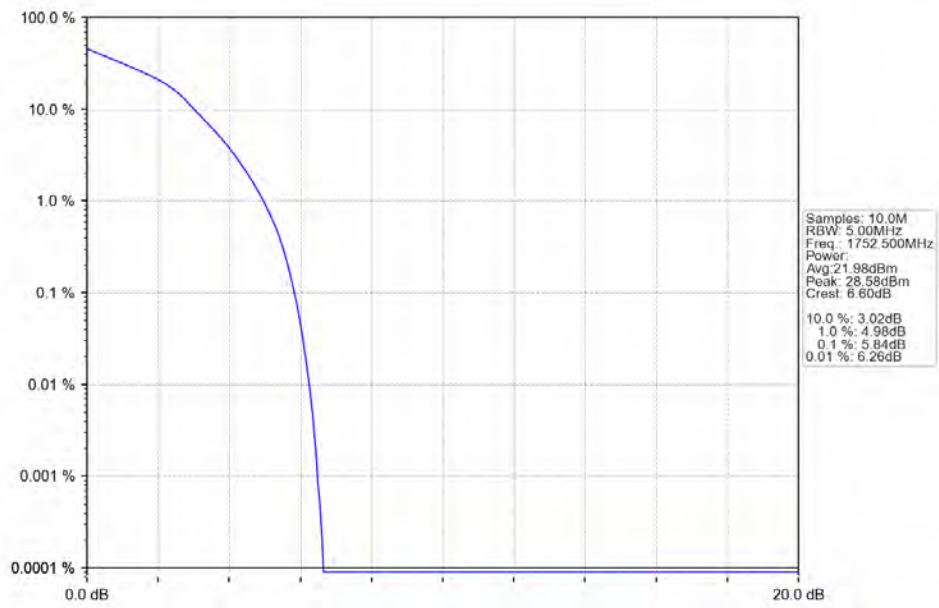
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



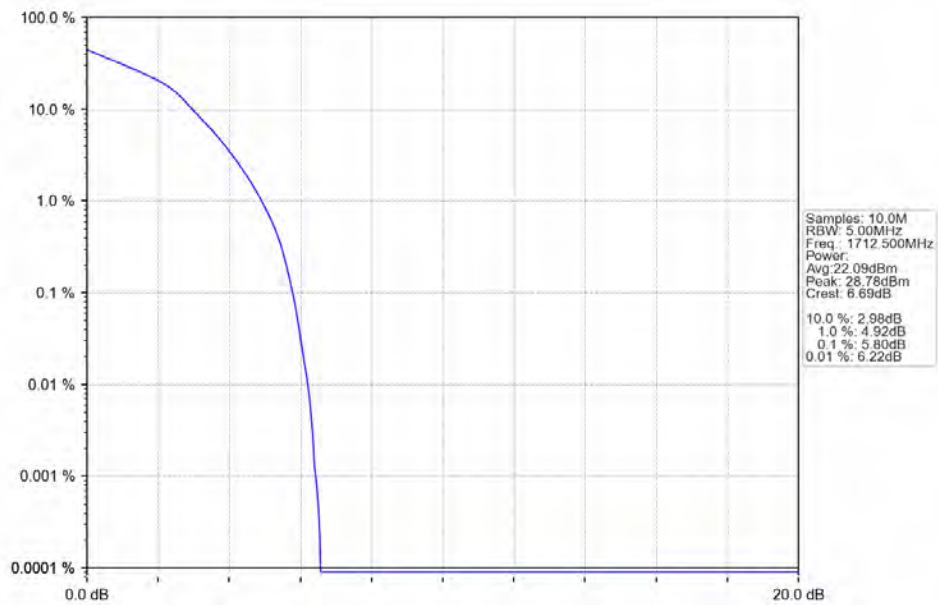
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



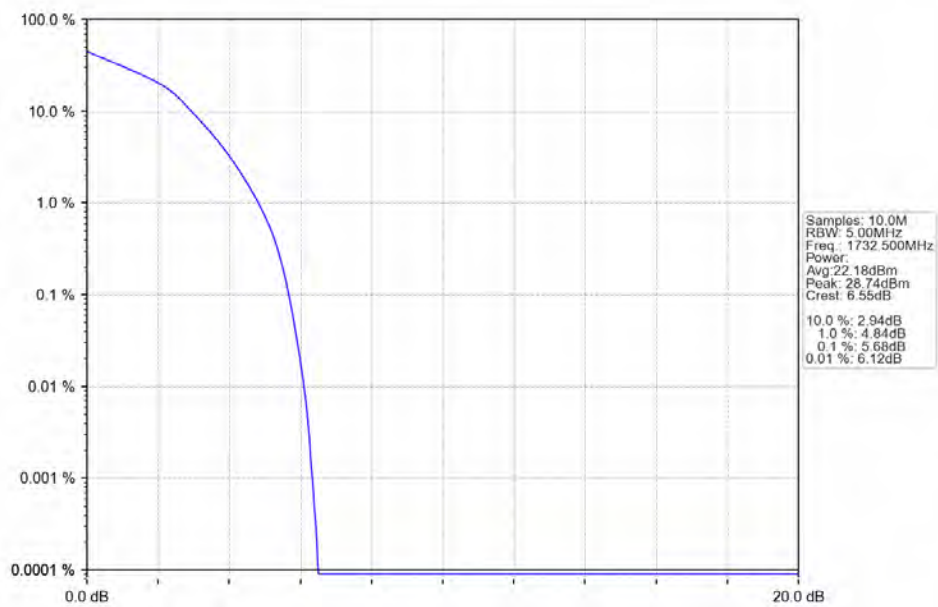
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

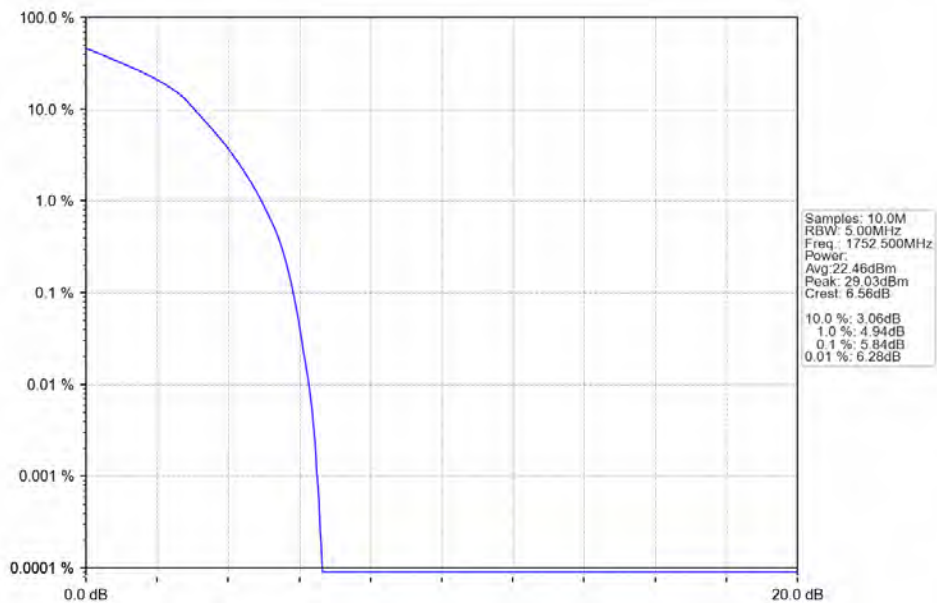


Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



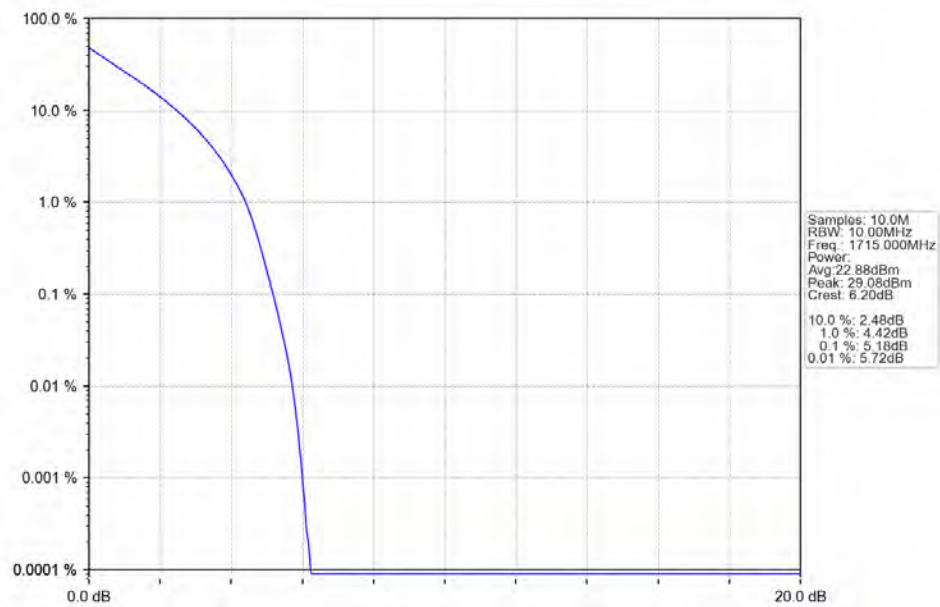
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



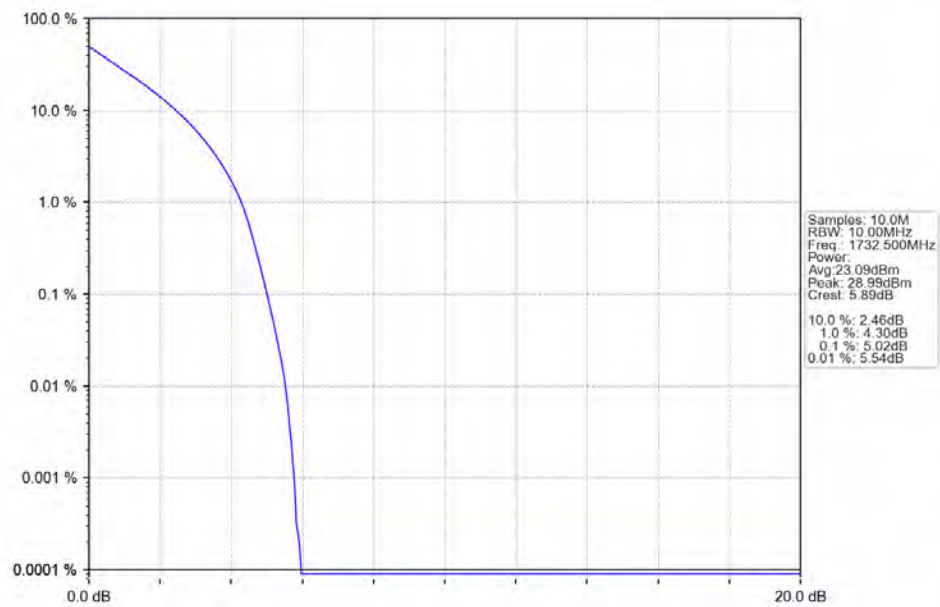


4.2.4 B4_10MHz

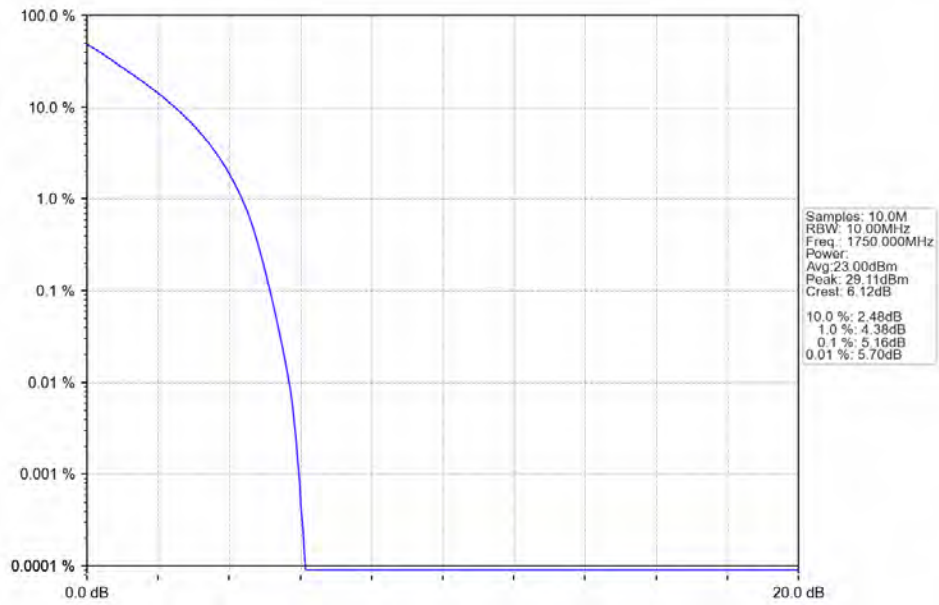
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



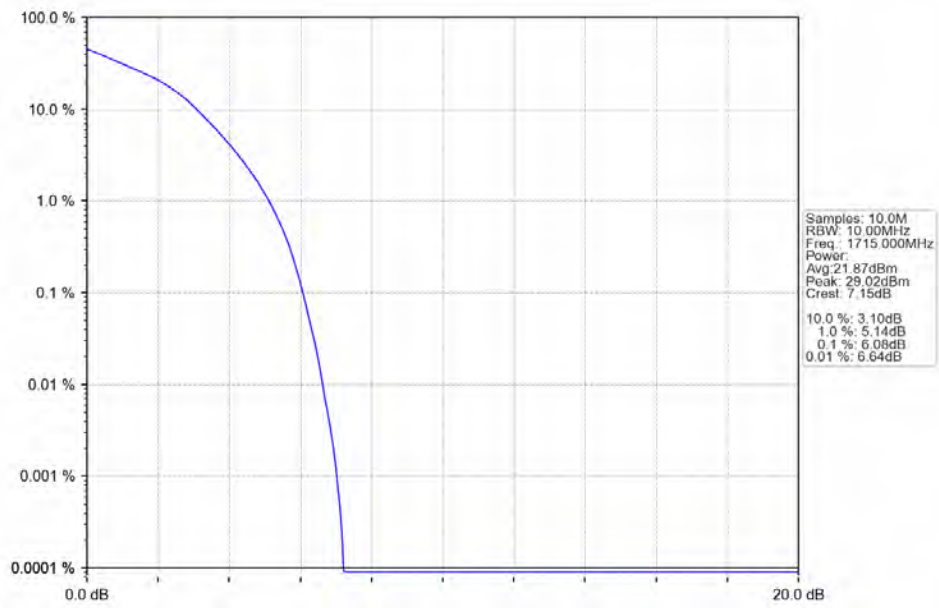
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



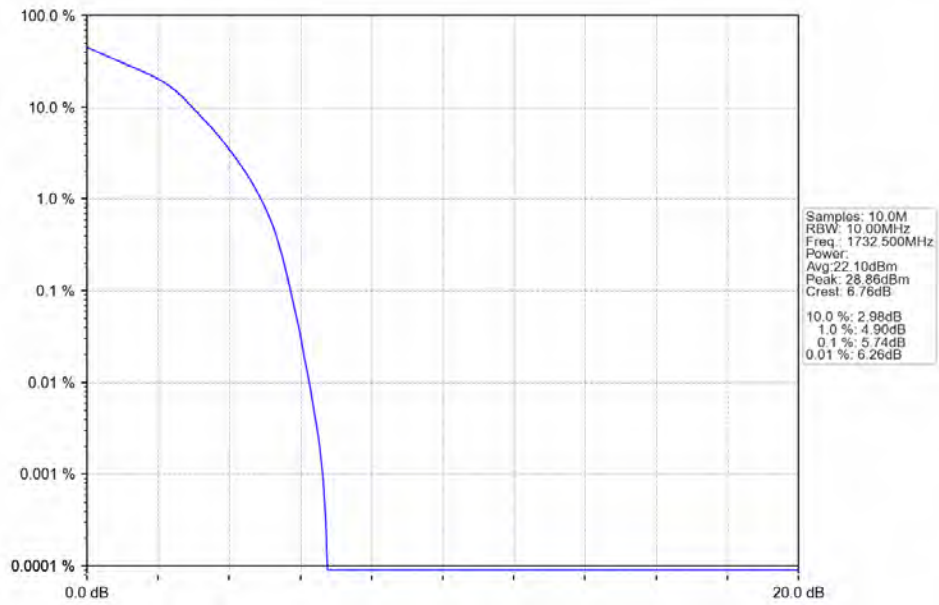
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



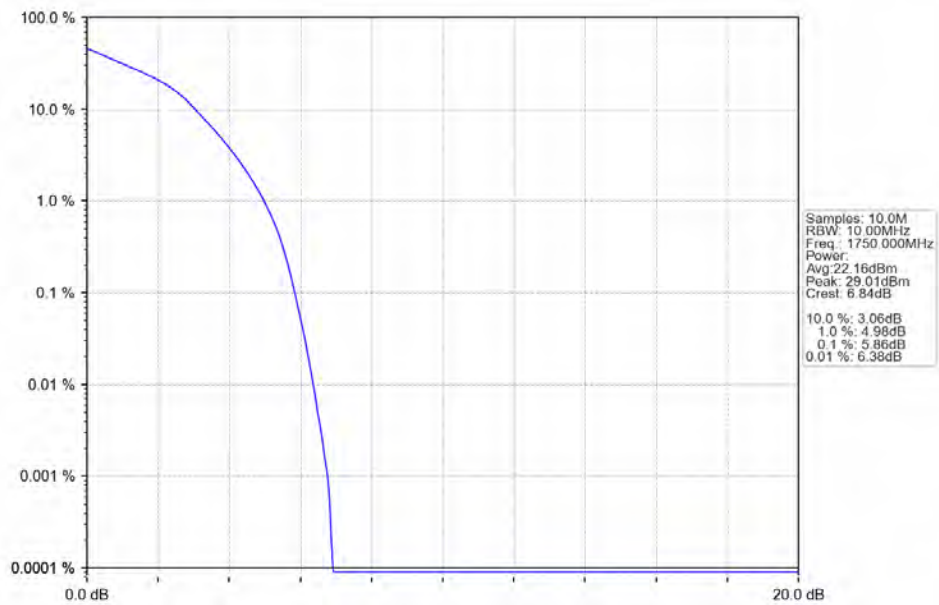
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



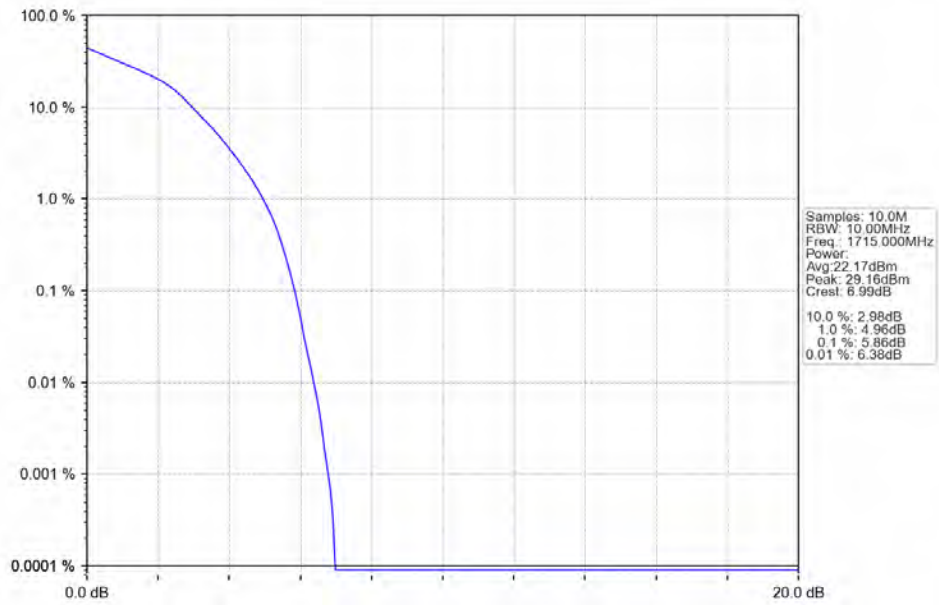
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



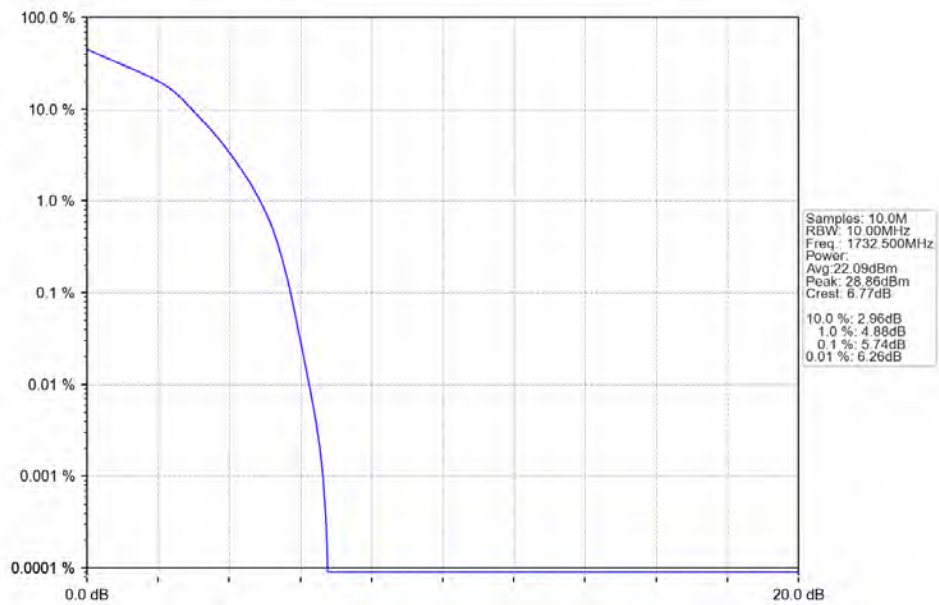
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



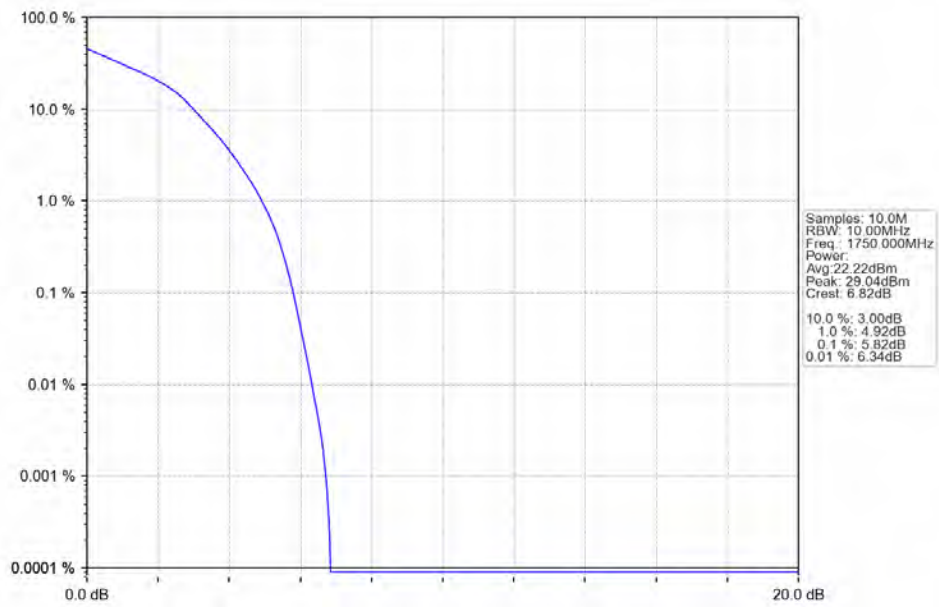
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV

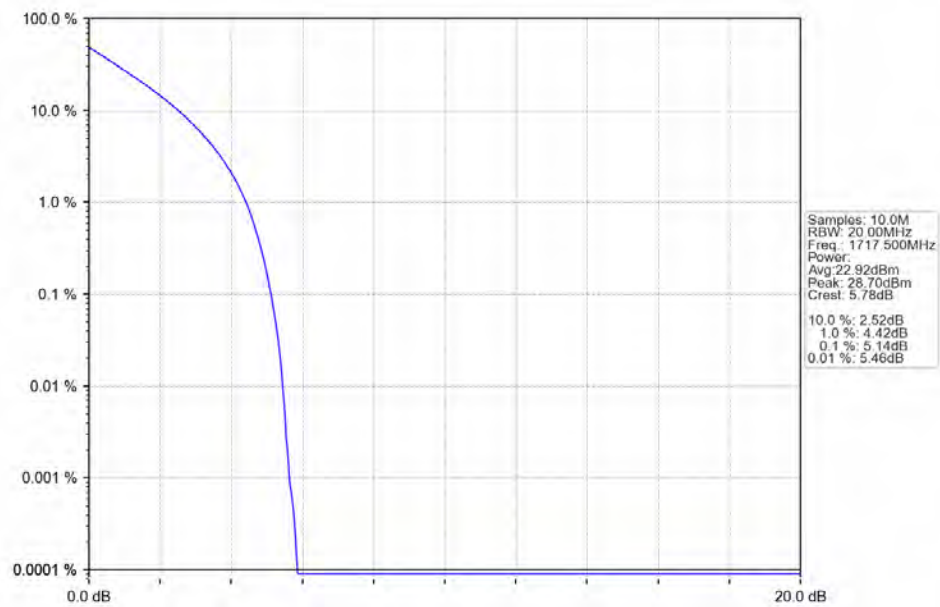


Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV

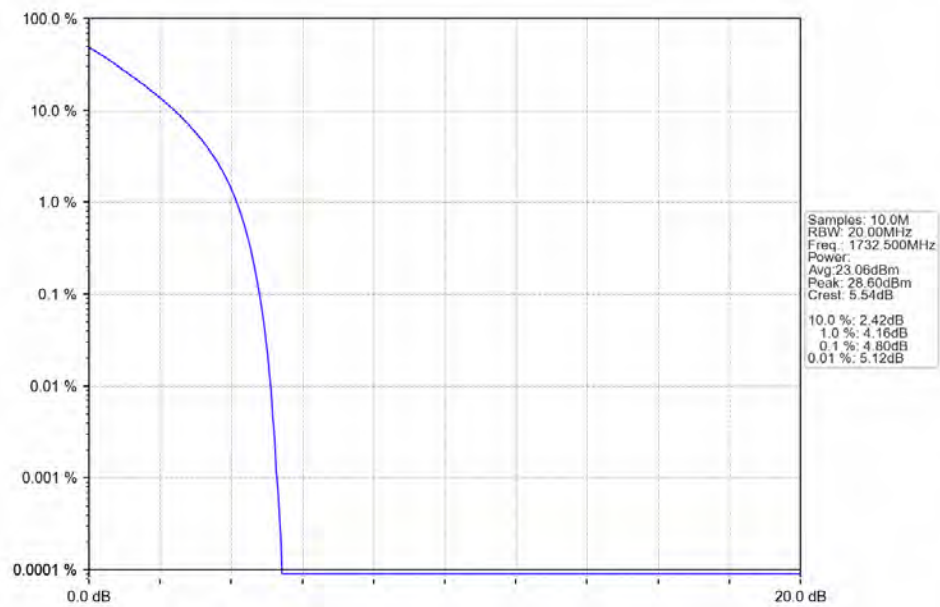


4.2.5 B4_15MHz

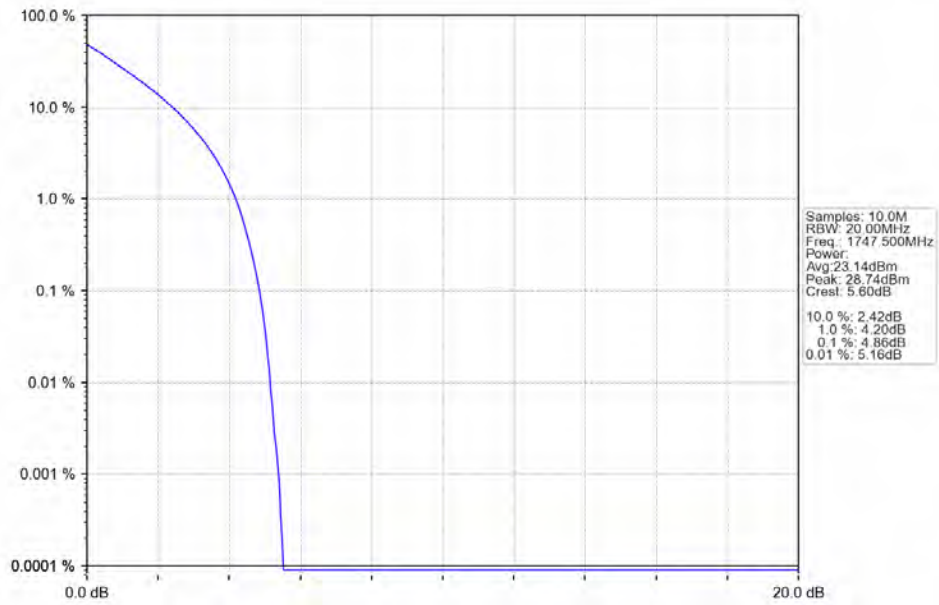
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



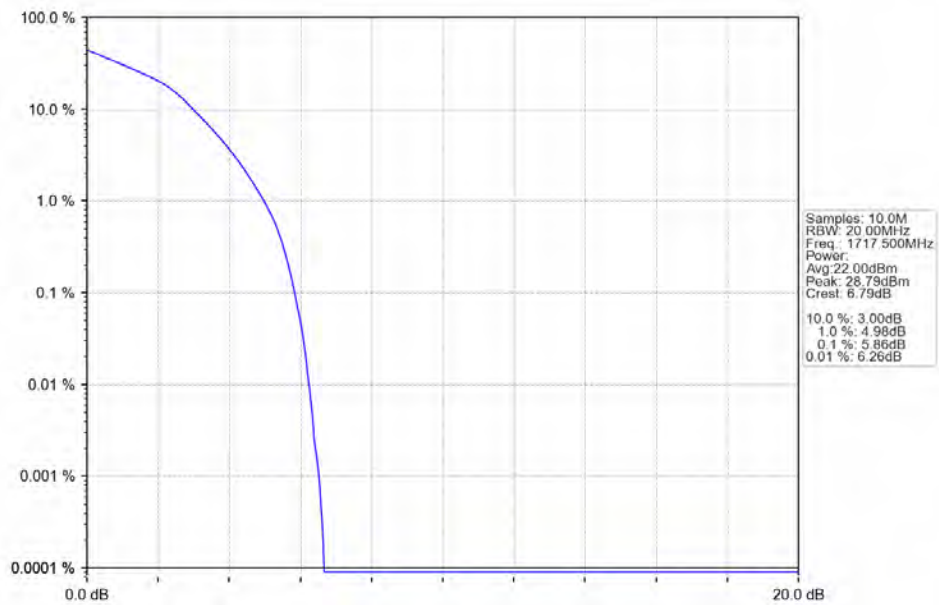
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



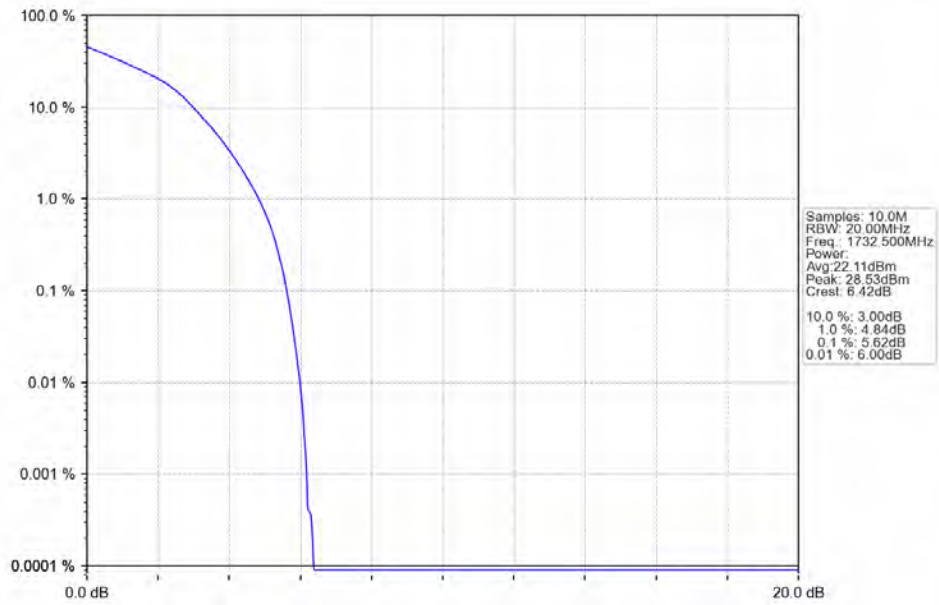
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



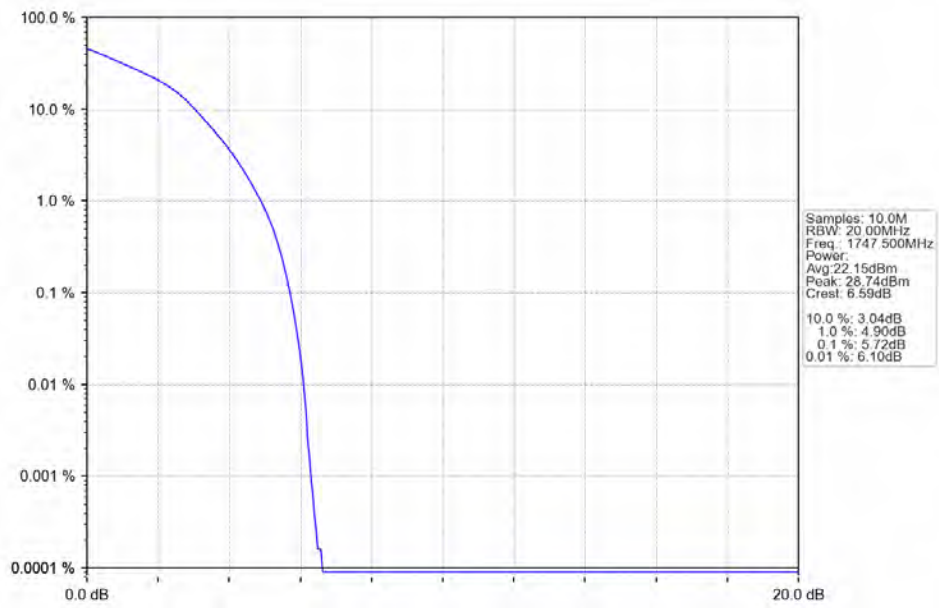
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



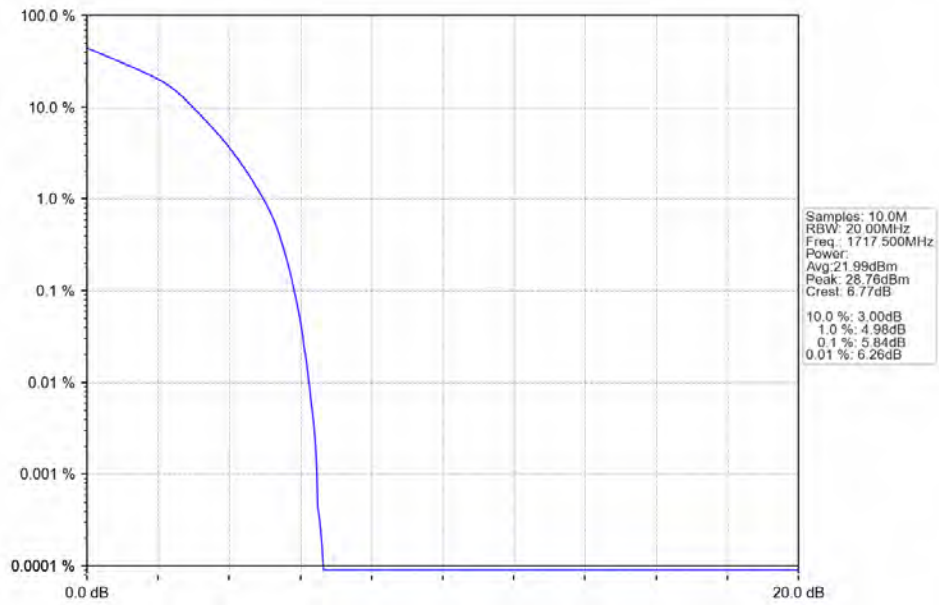
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



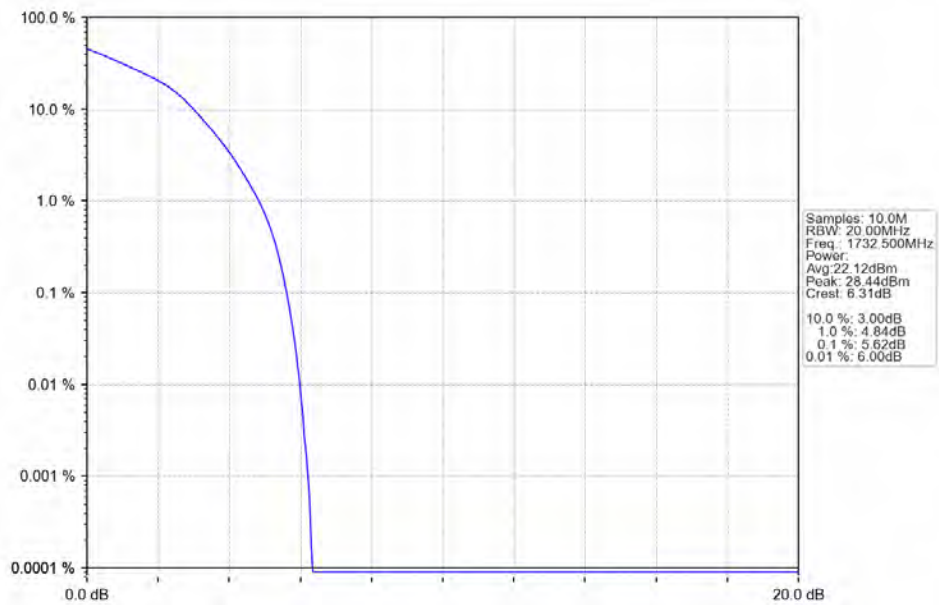
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



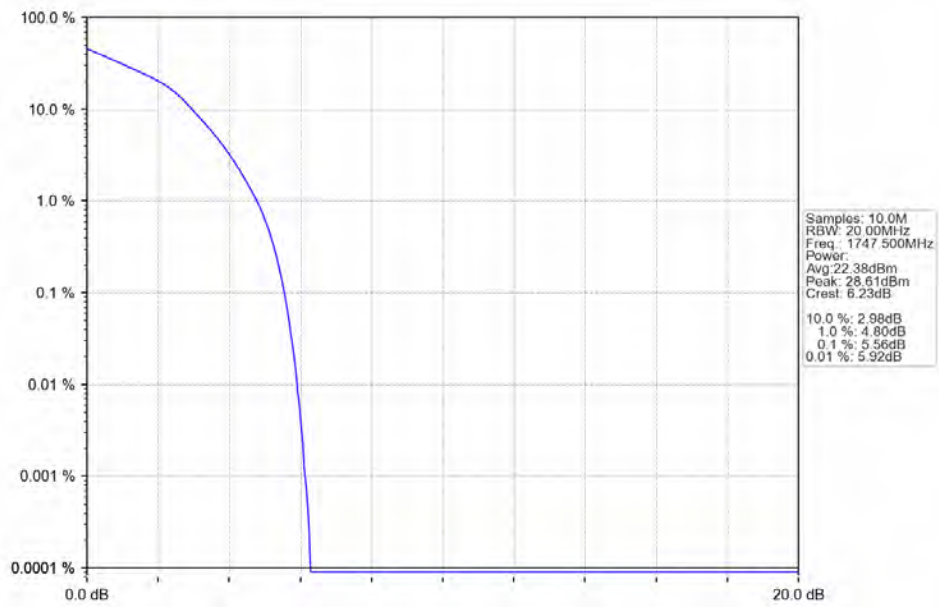
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV

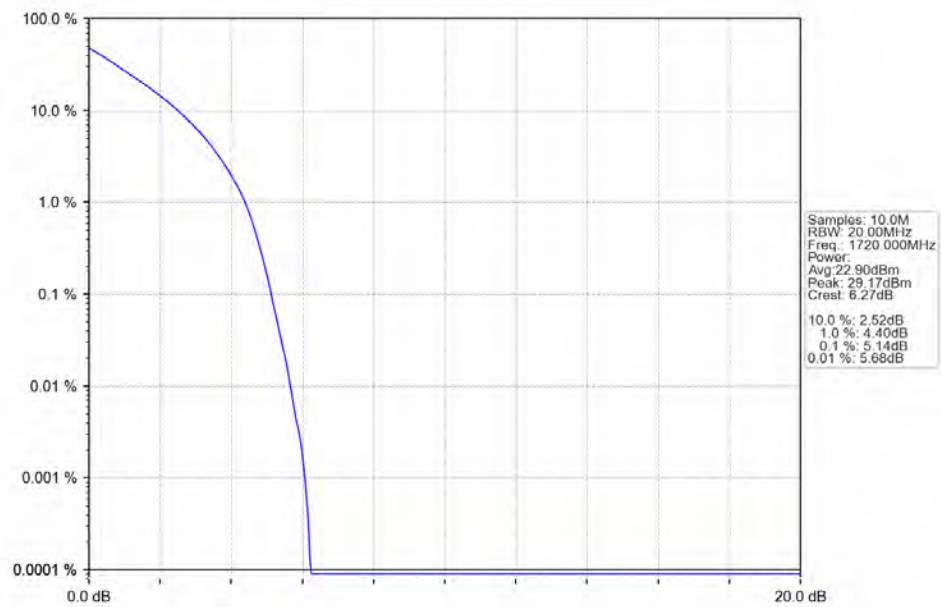


Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV

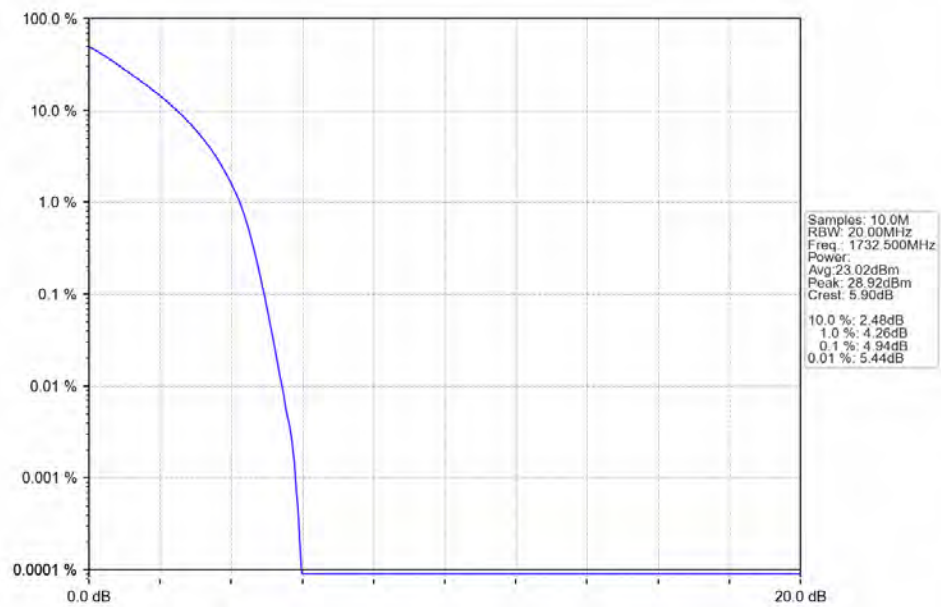


4.2.6 B4_20MHz

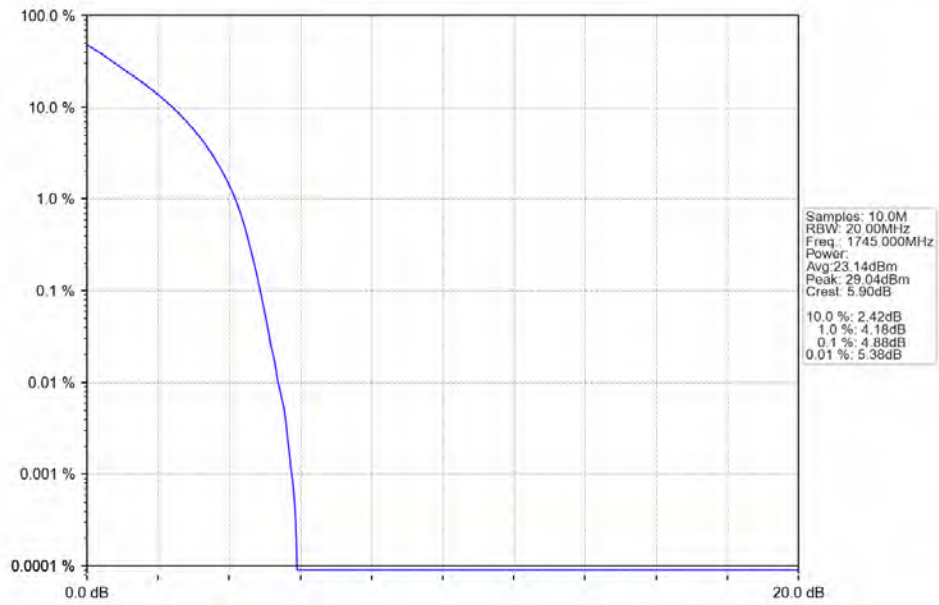
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



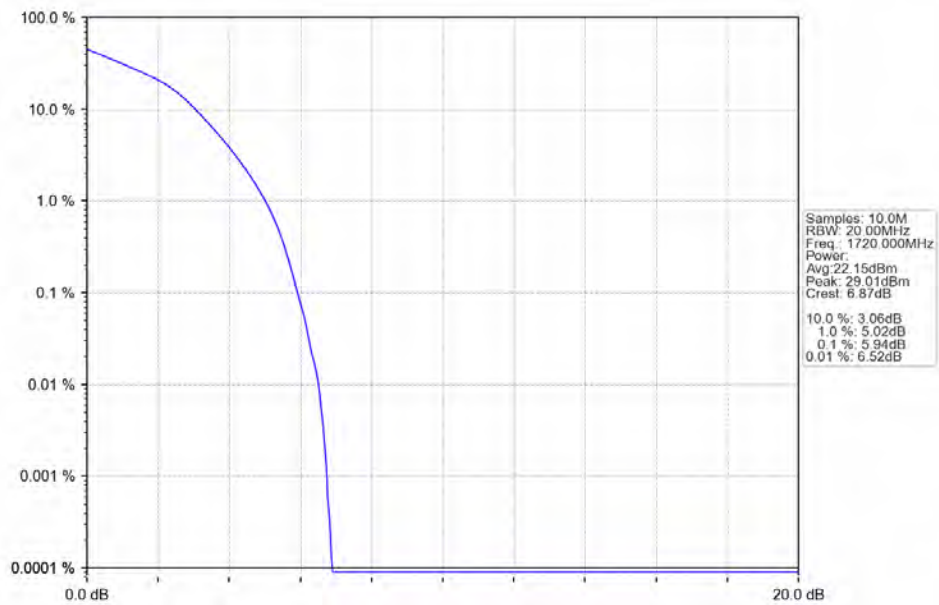
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



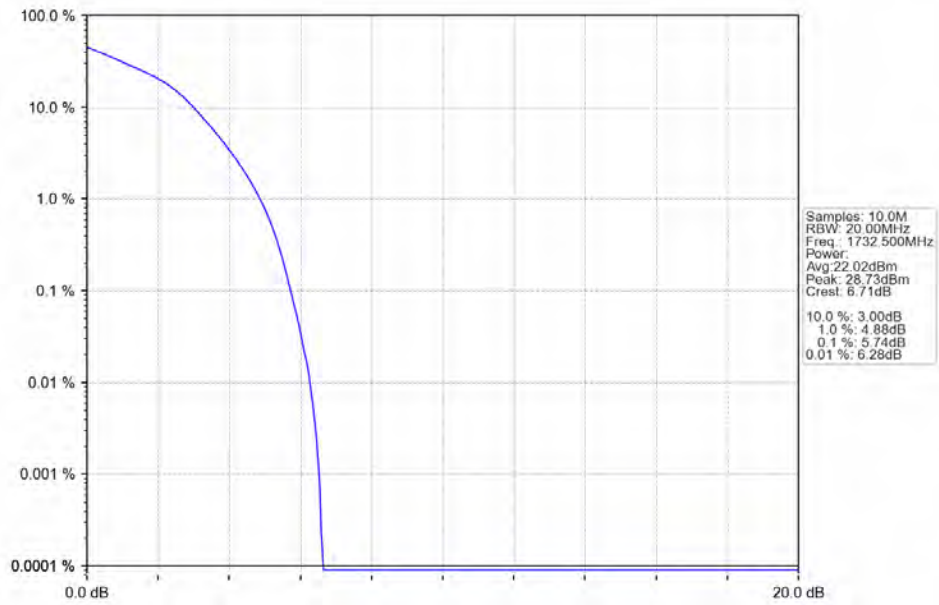
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



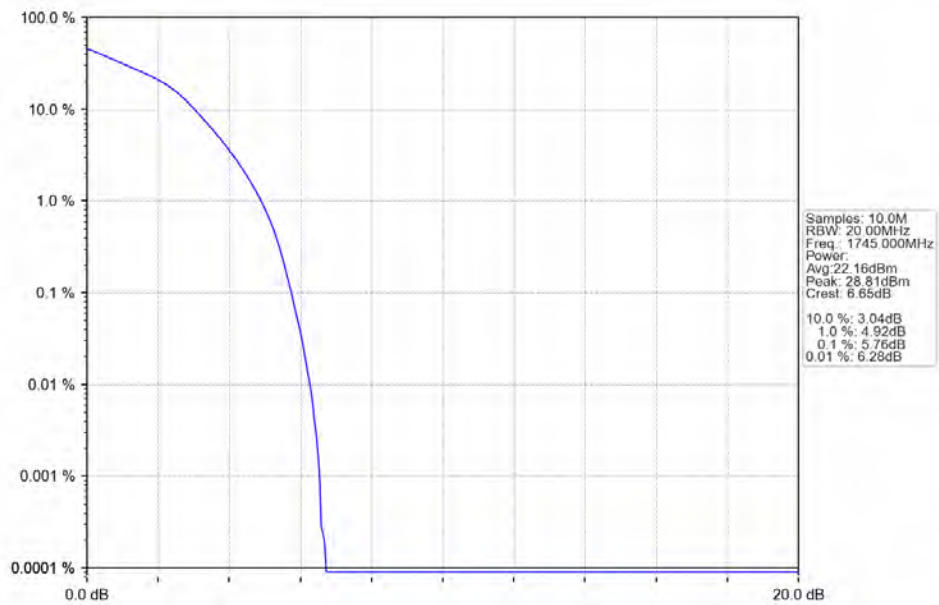
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



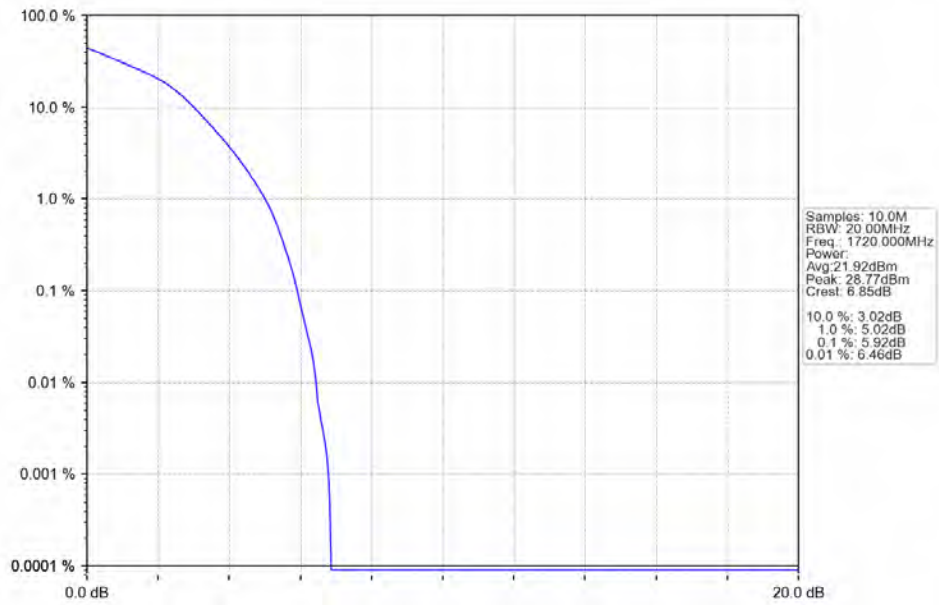
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



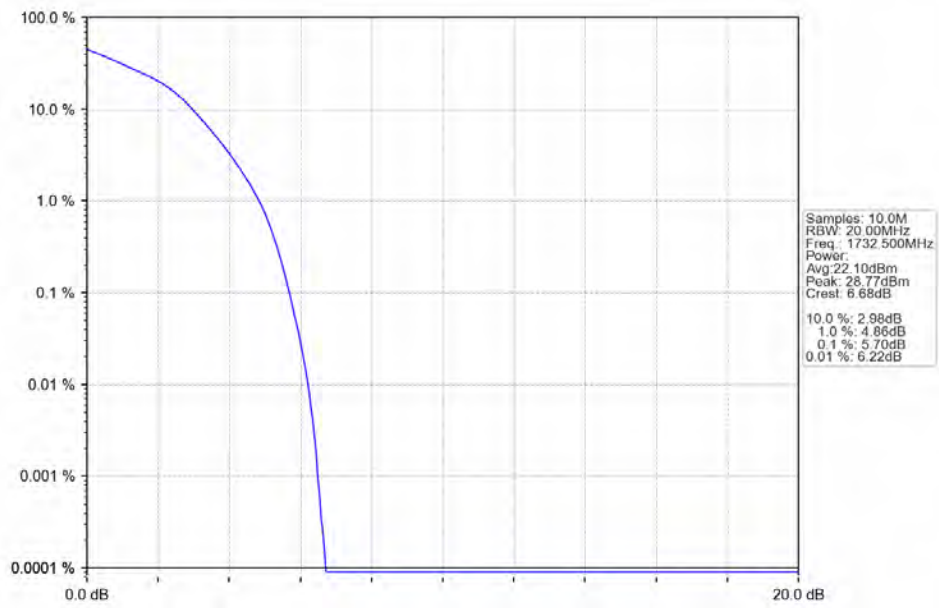
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



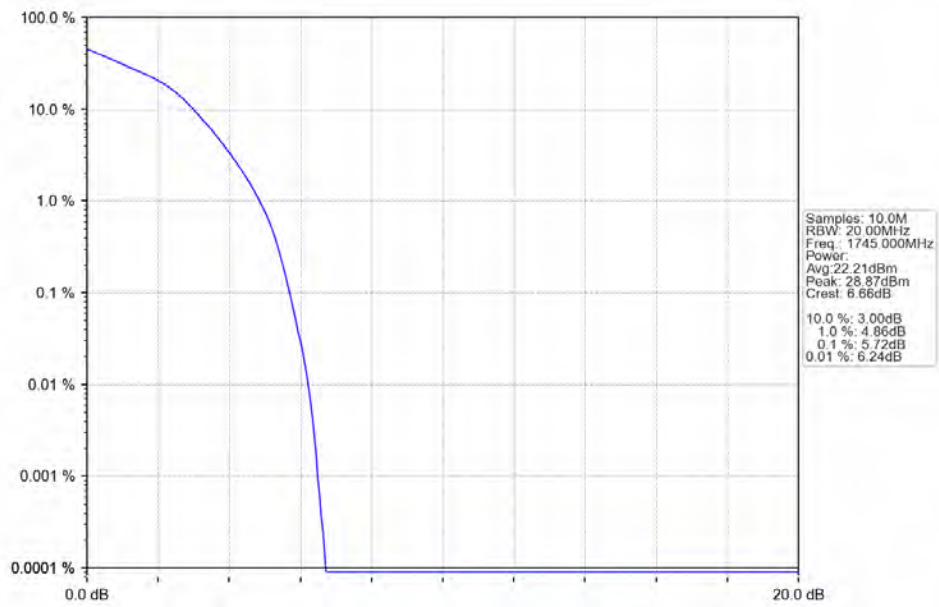
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_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 / 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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

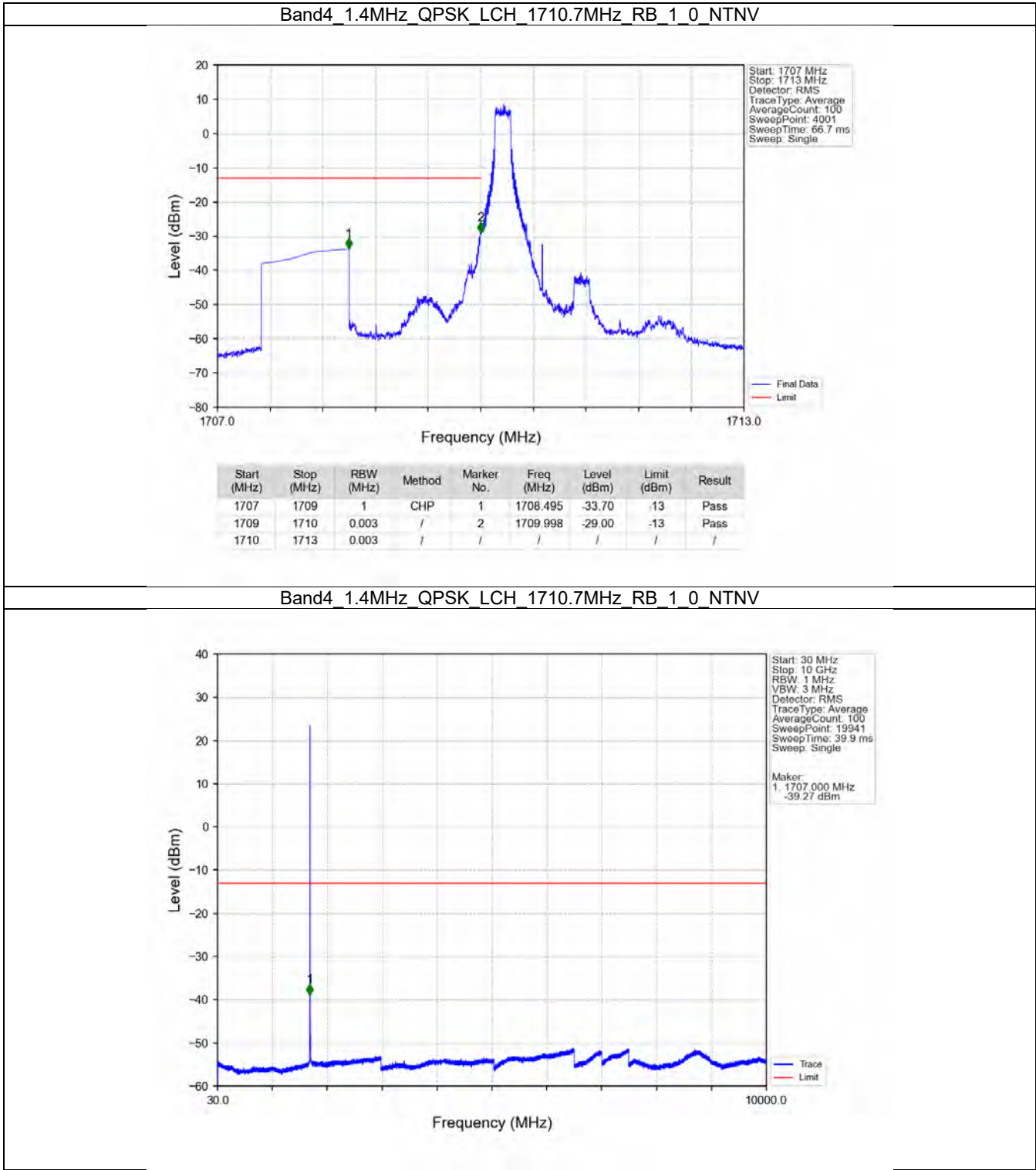
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

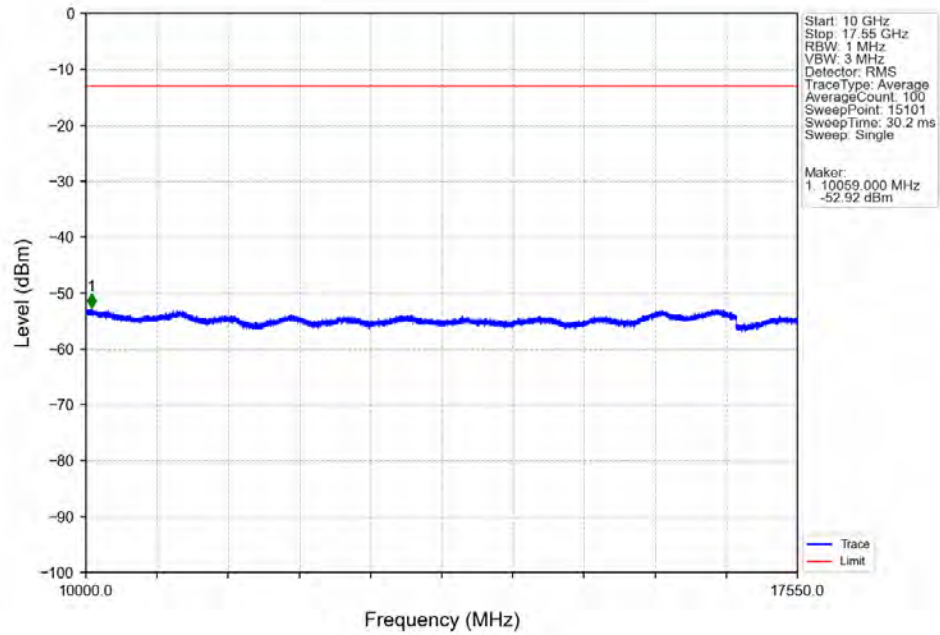
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

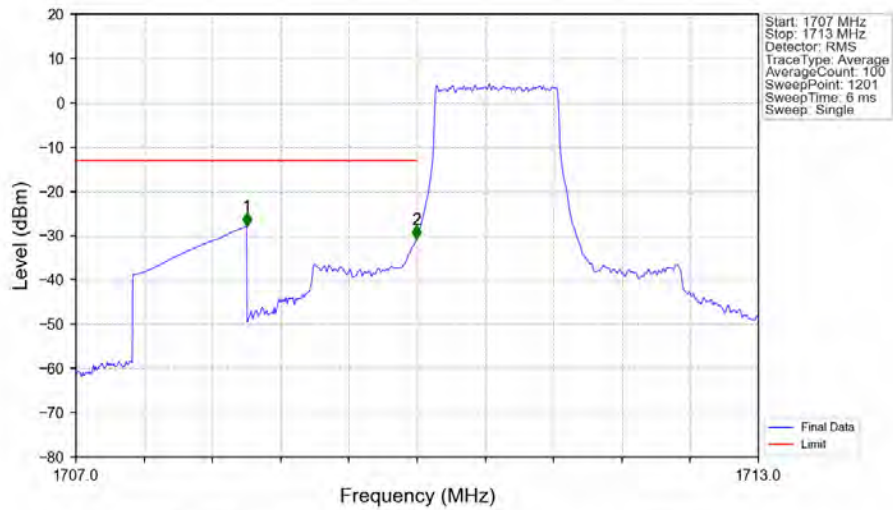
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

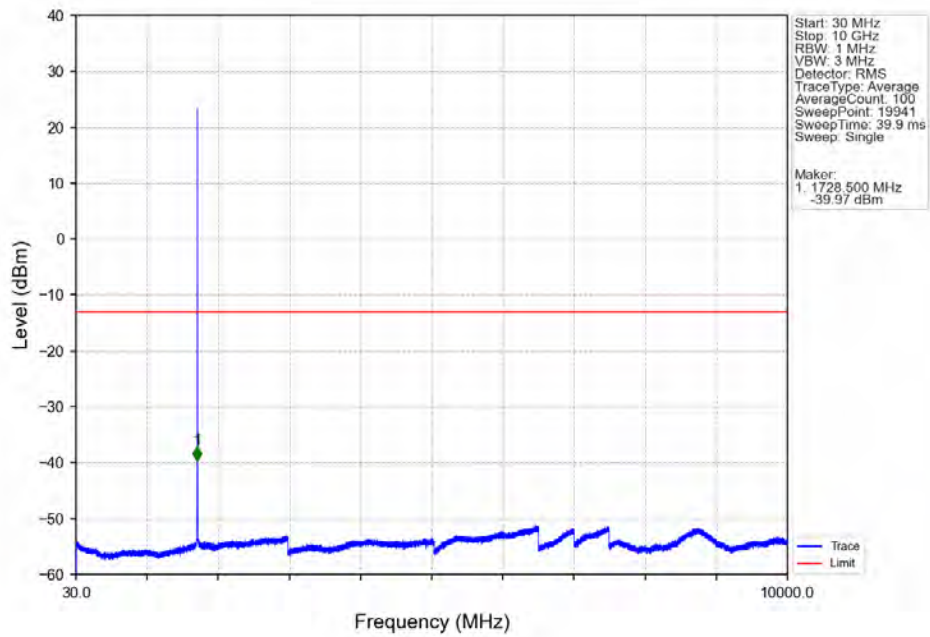


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

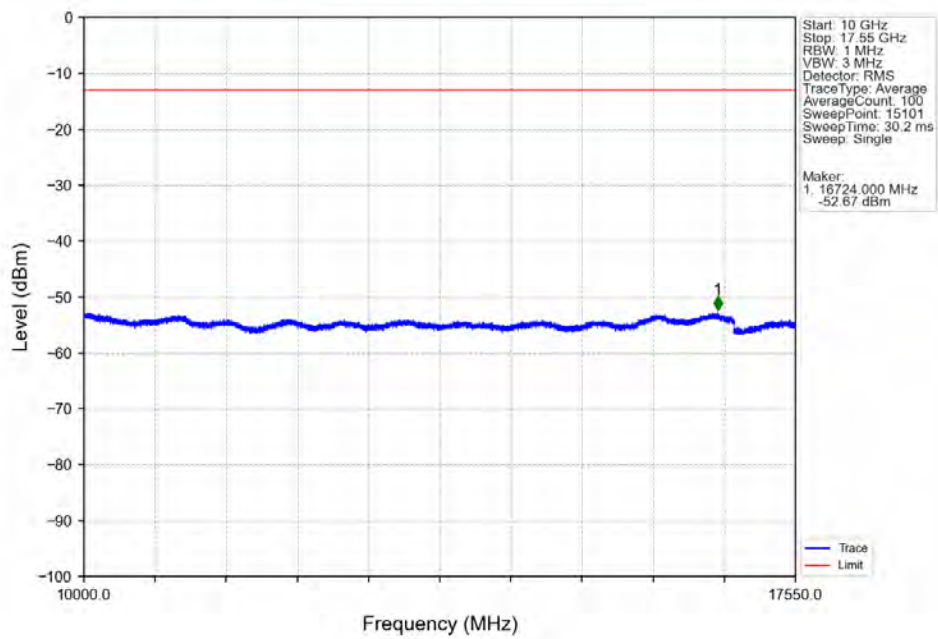


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.90	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-30.82	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

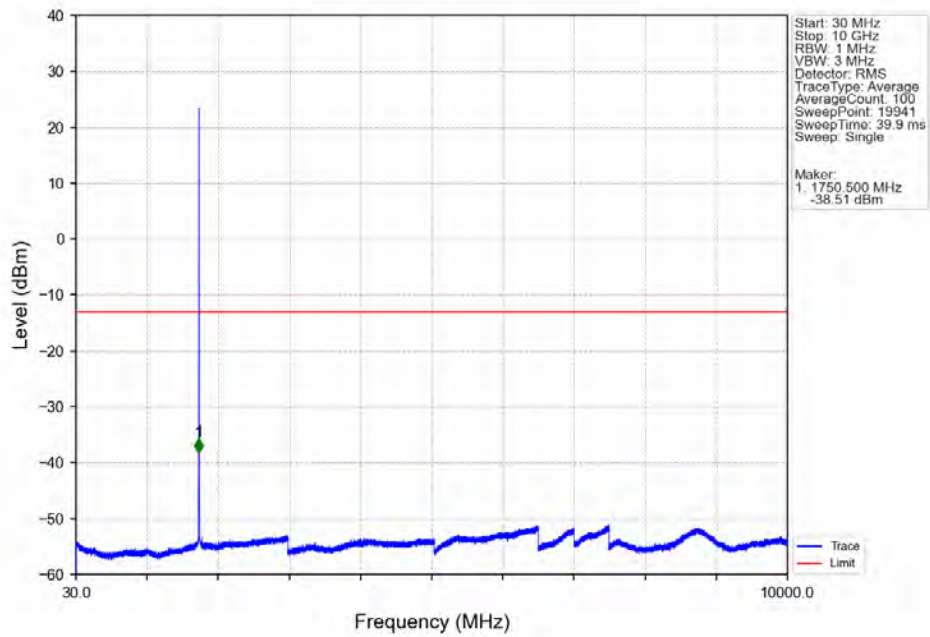
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



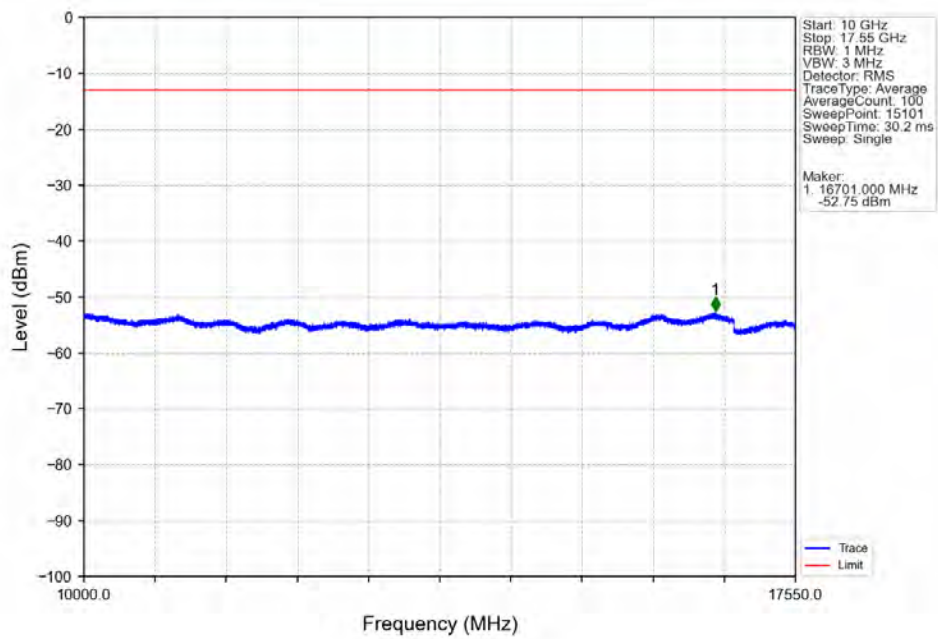
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



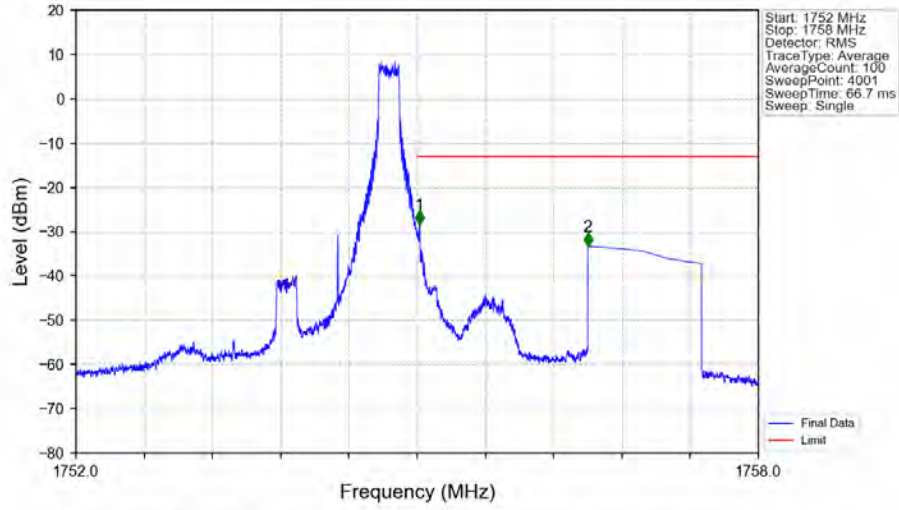
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

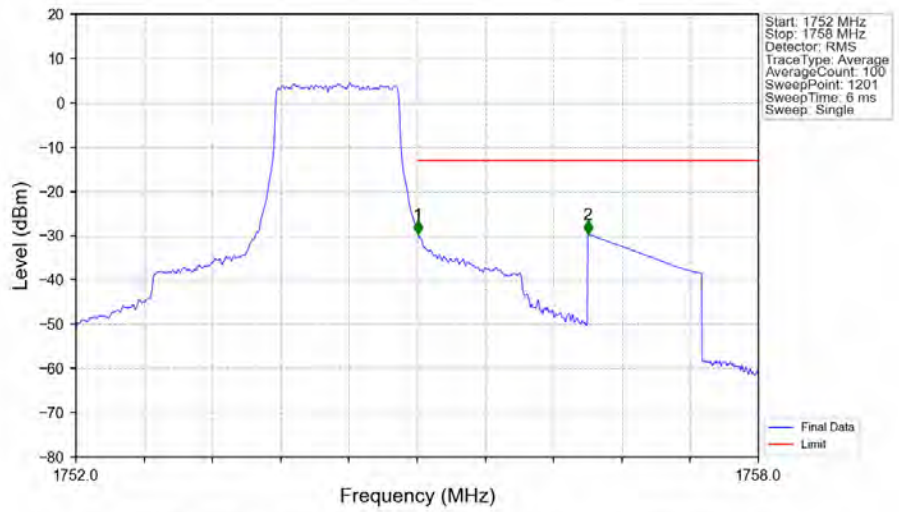


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



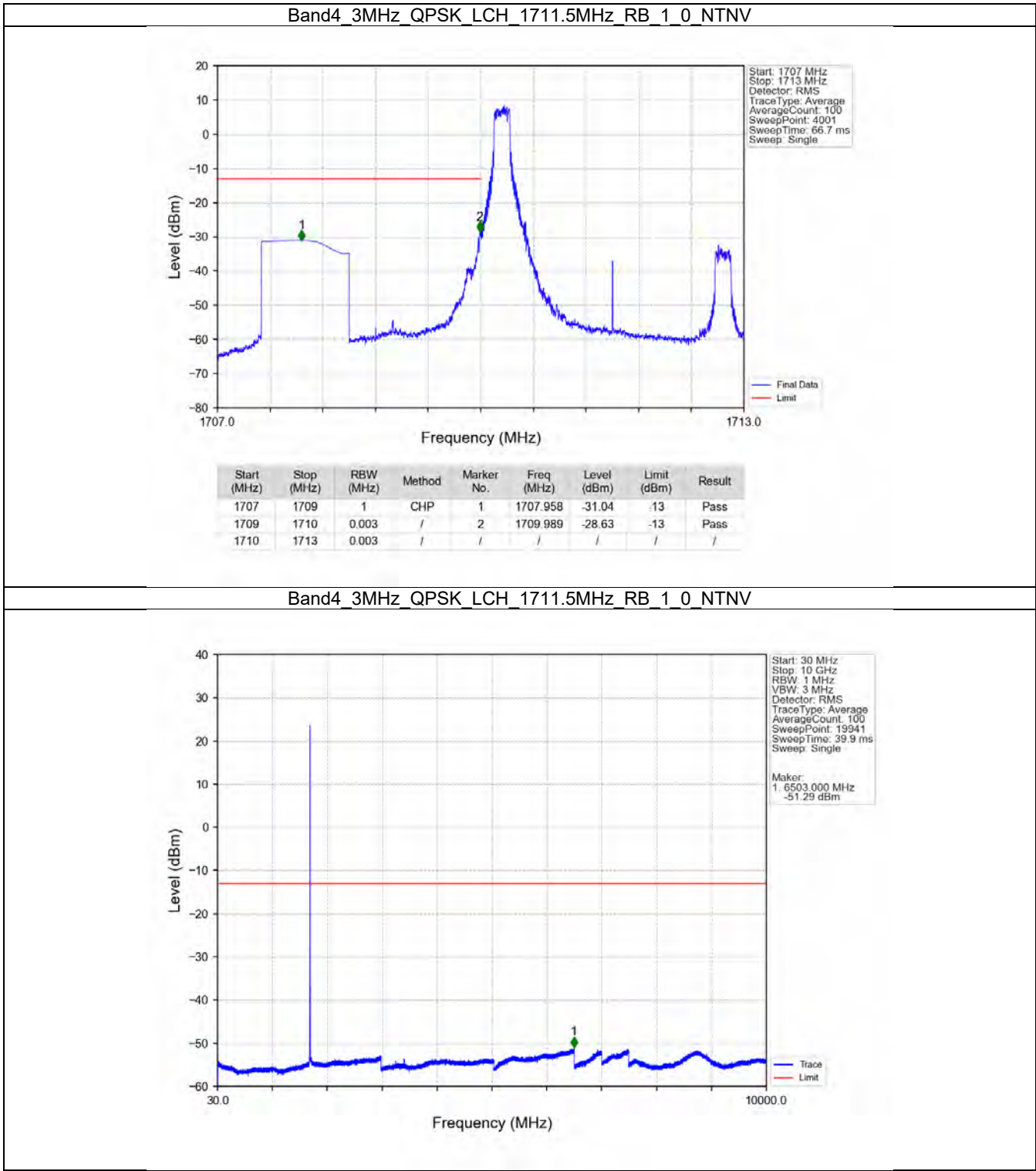
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-28.32	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.32	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

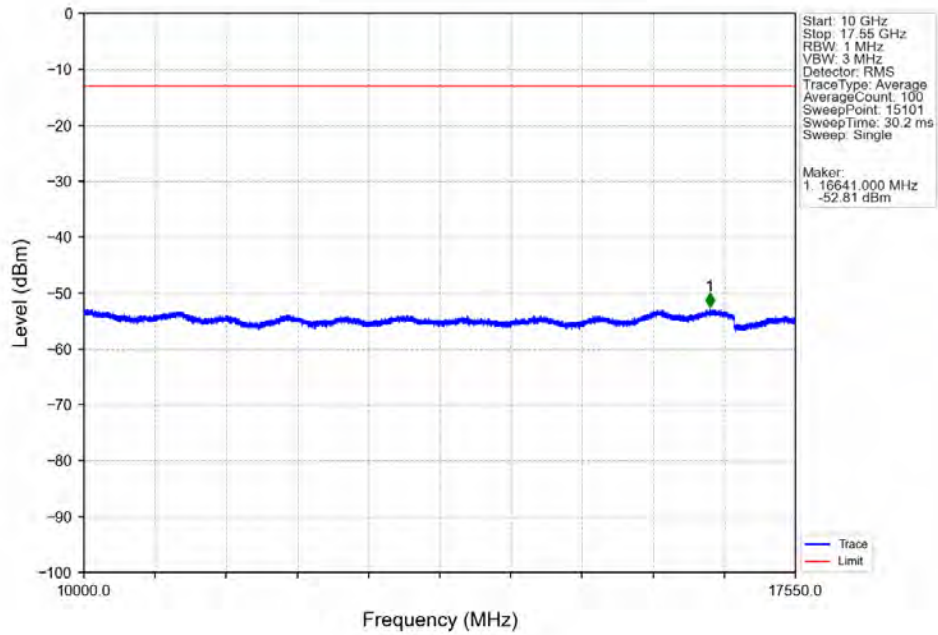


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-29.67	-13	Pass
1756	1758	1	CHP	2	1756.500	-29.62	-13	Pass

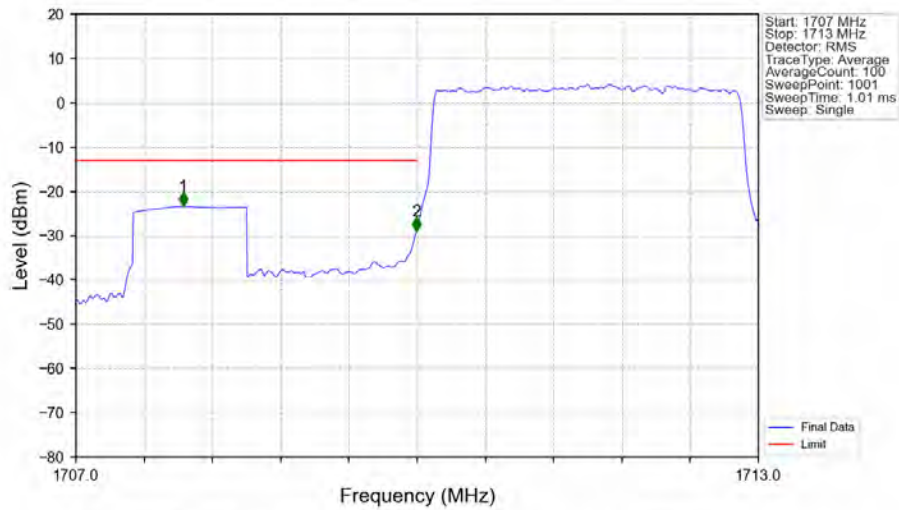
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

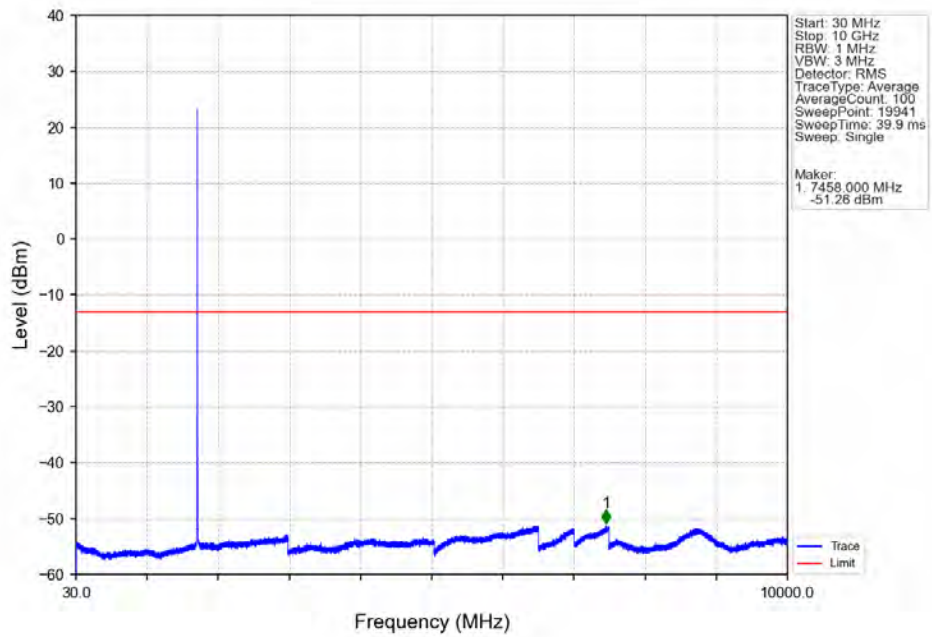


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

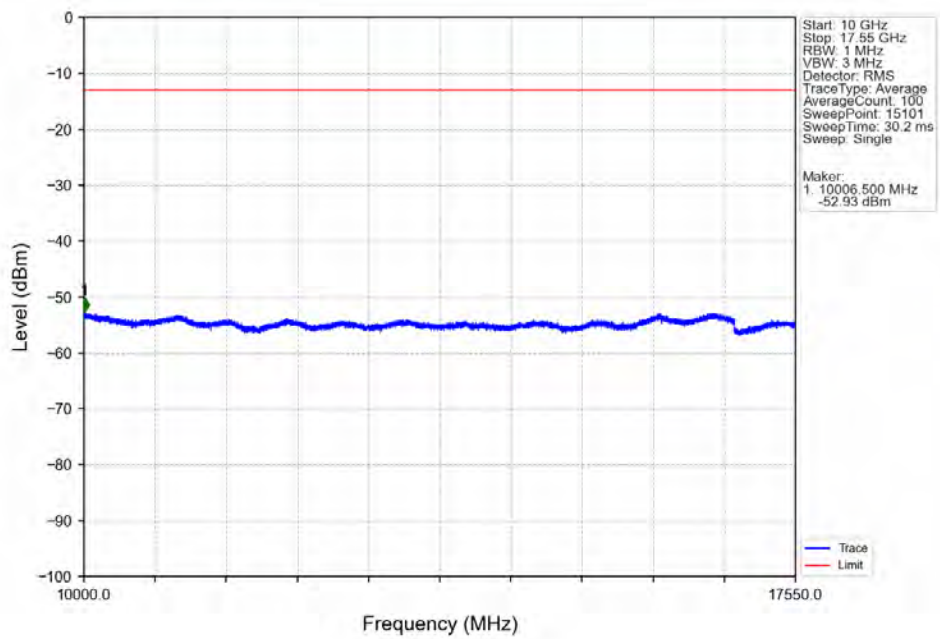


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.942	-23.36	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-28.99	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

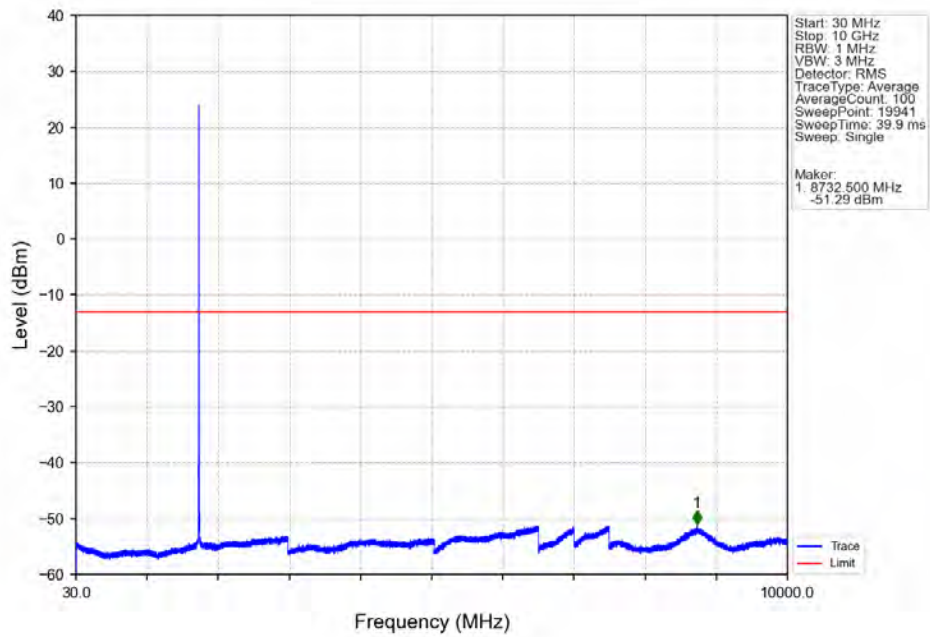
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



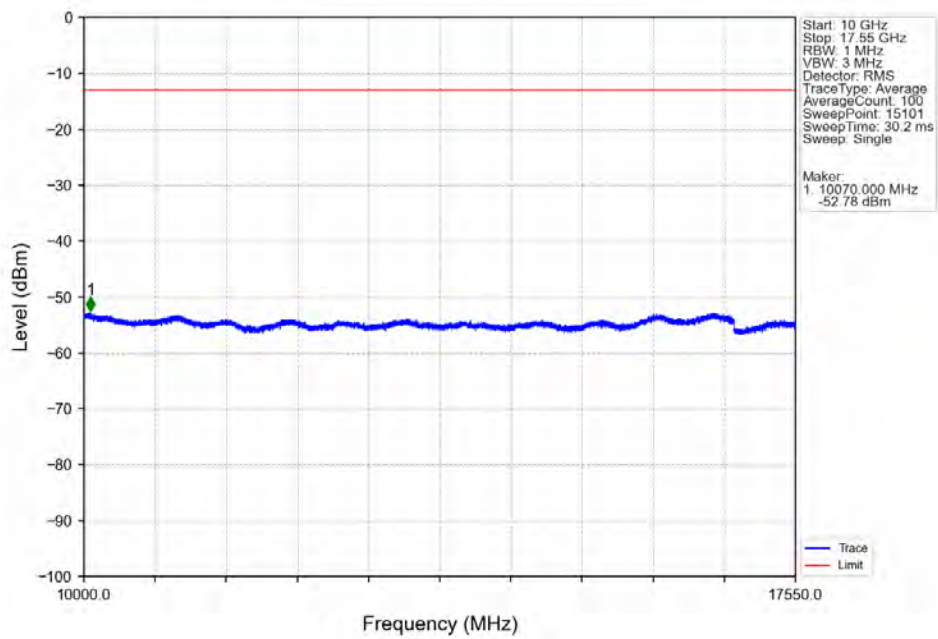
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



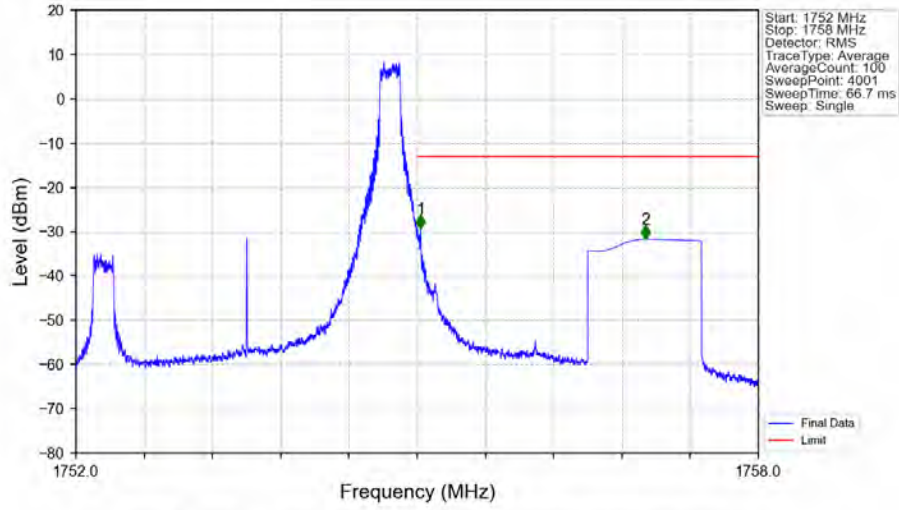
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

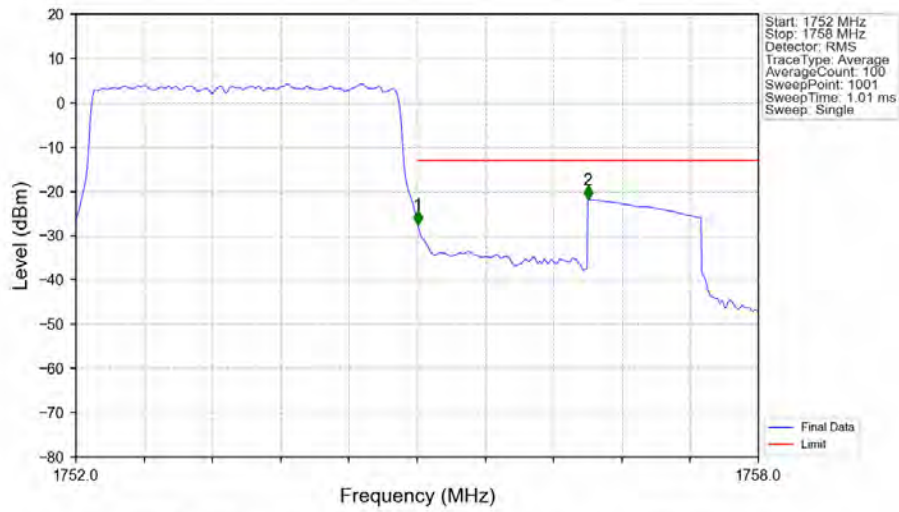


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV



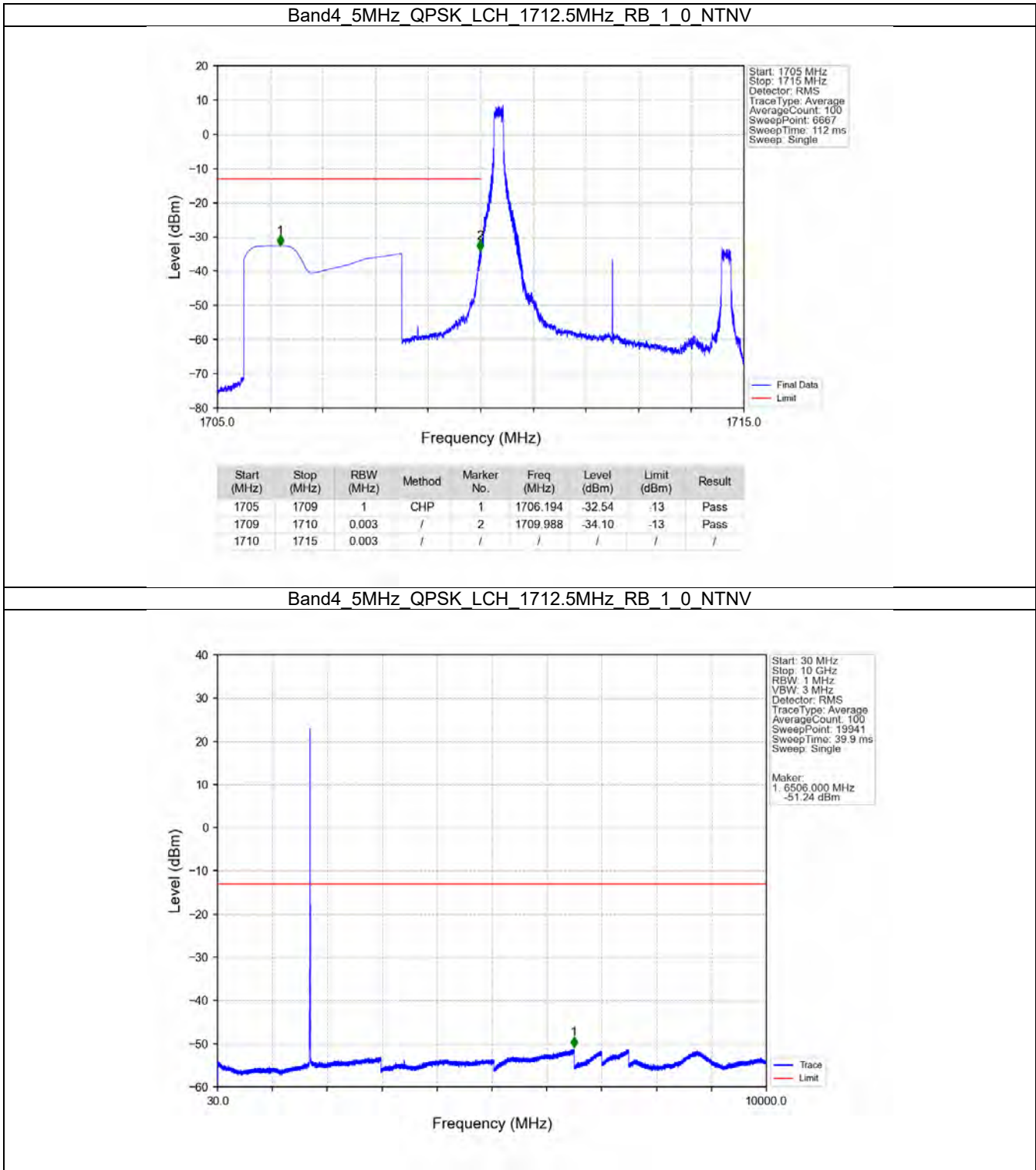
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.030	-29.24	-13	Pass
1756	1758	1	CHP	2	1757.007	-31.67	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV

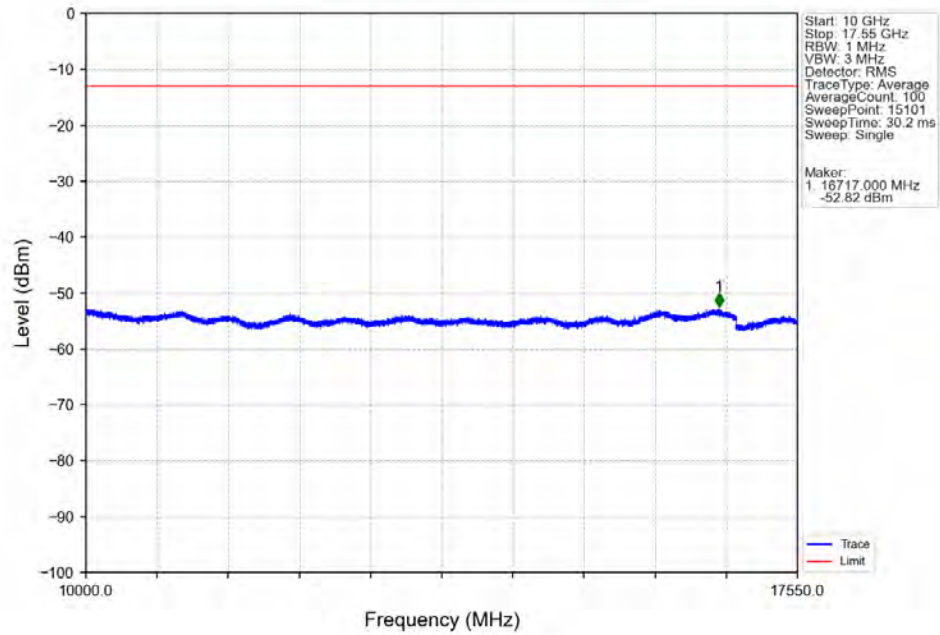


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-27.45	-13	Pass
1756	1758	1	CHP	2	1756.500	-21.80	-13	Pass

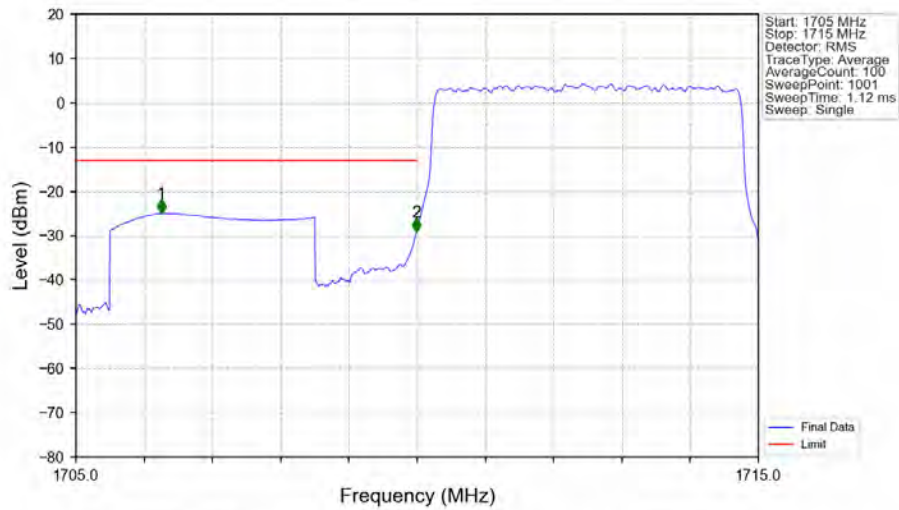
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

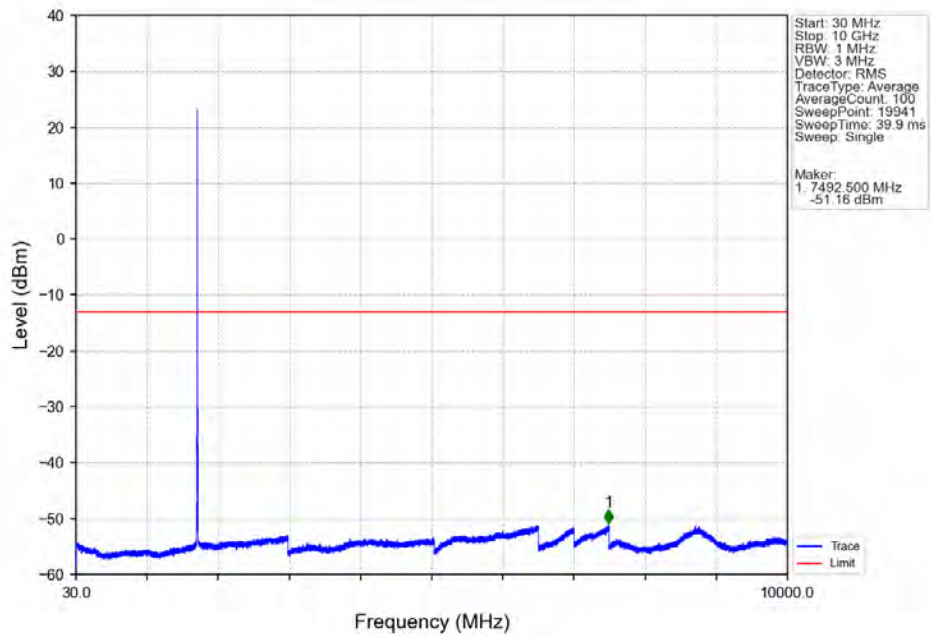


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

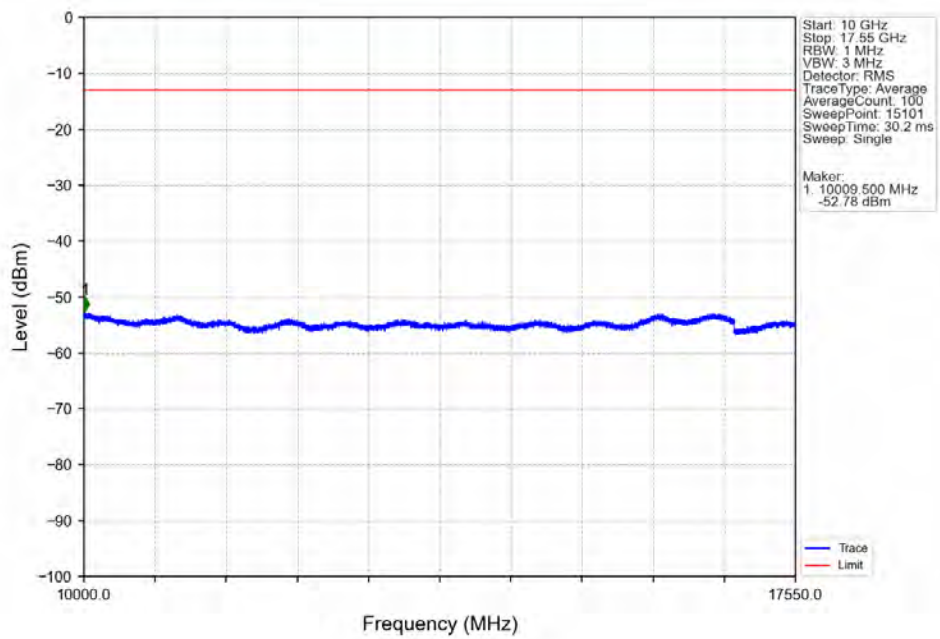


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.250	-24.95	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-29.10	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

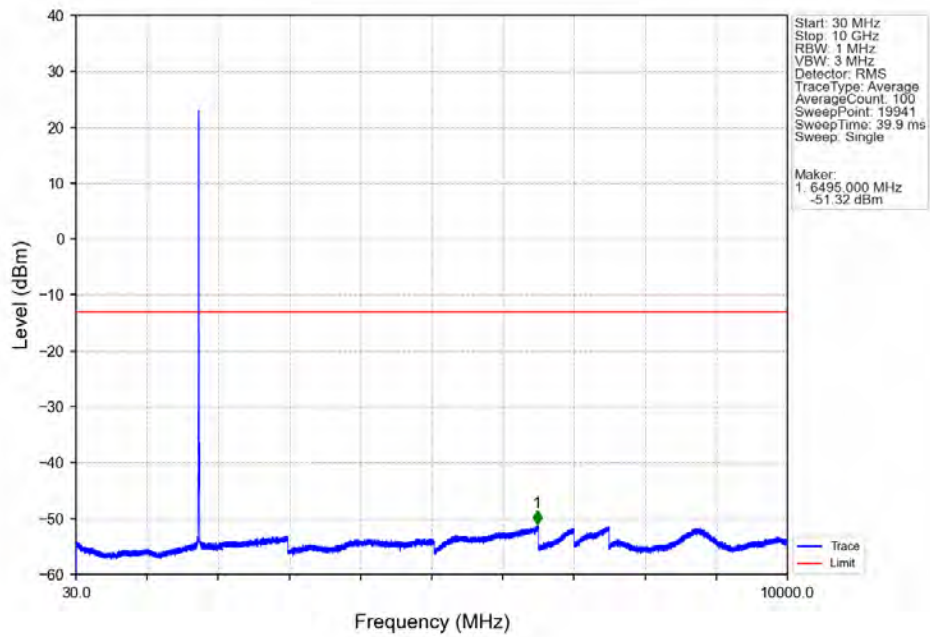
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



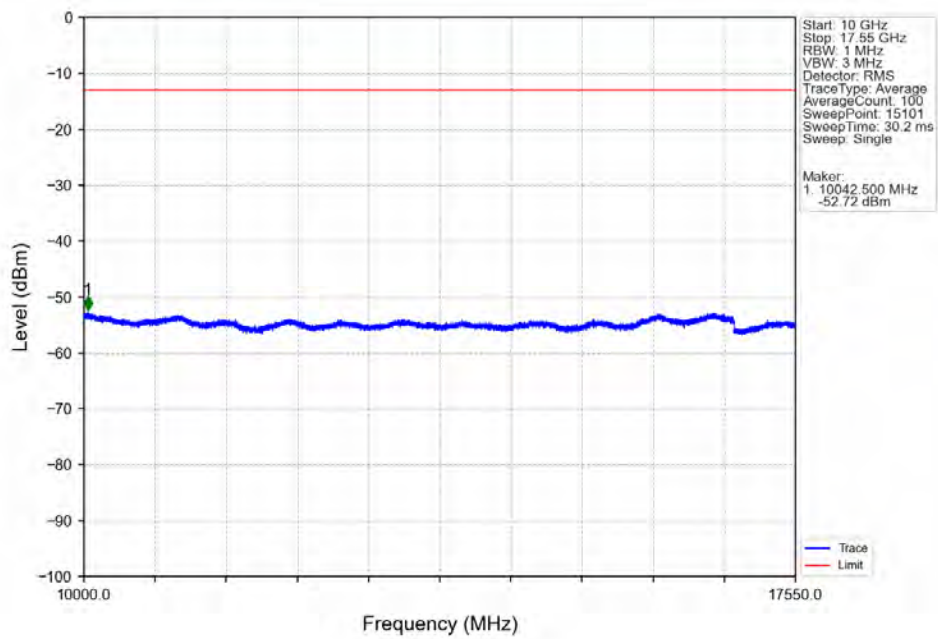
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



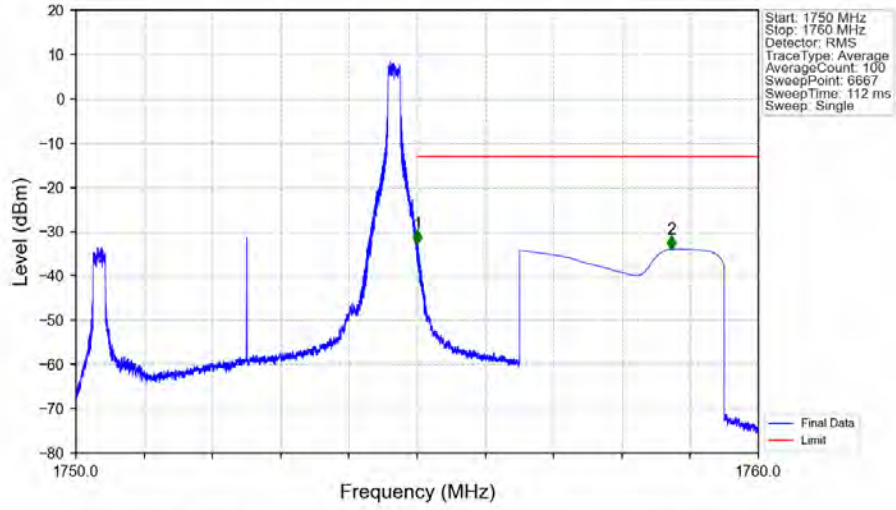
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

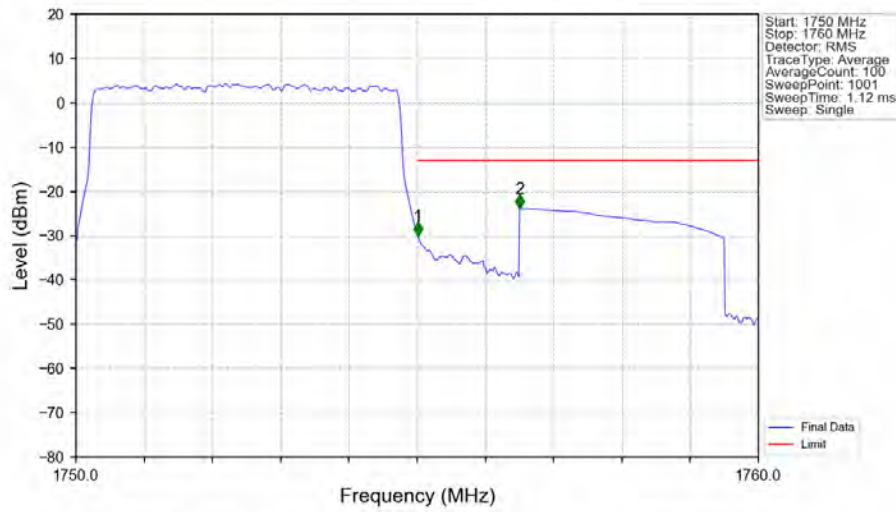


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



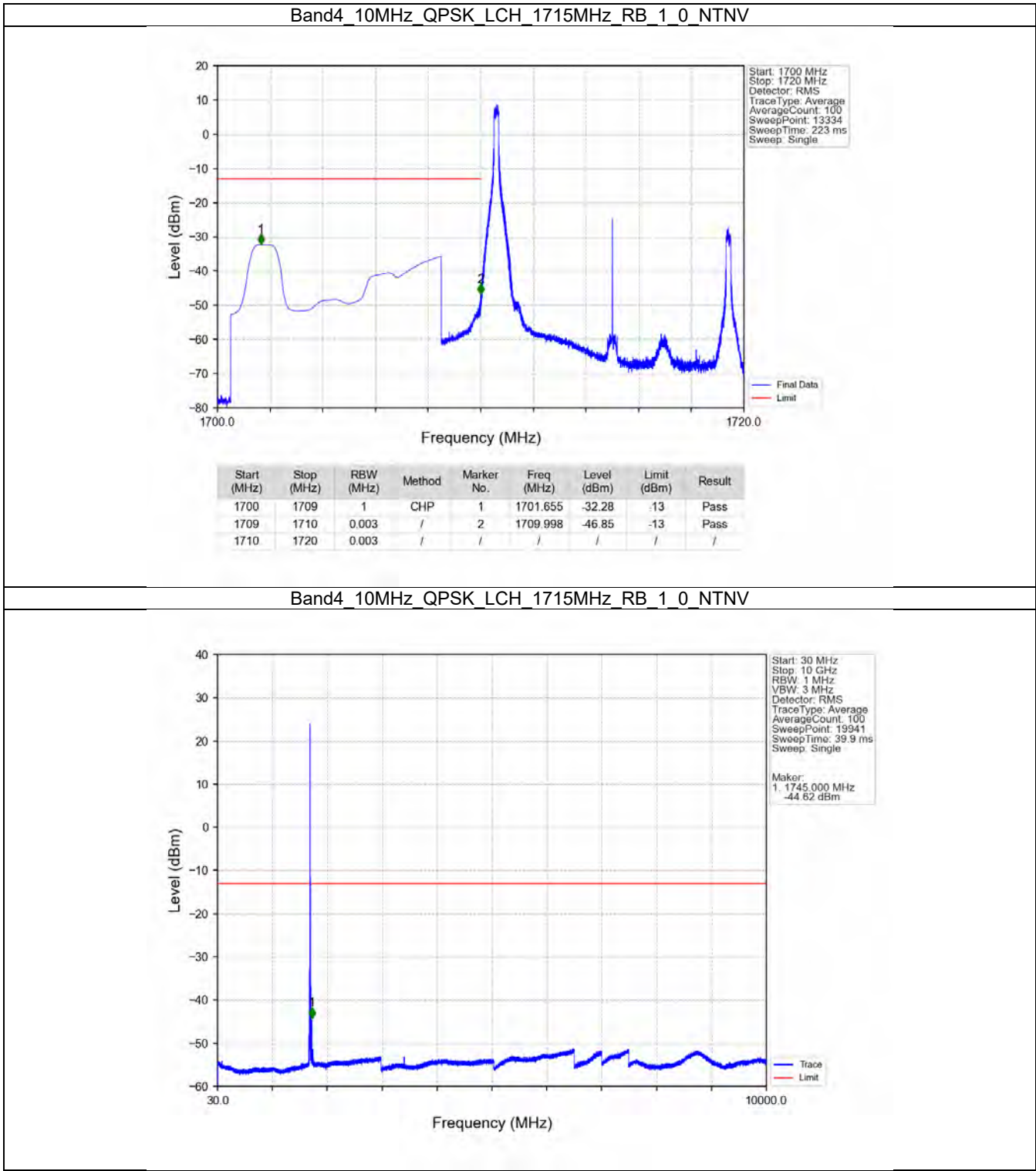
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.68	-13	Pass
1756	1760	1	CHP	2	1758.720	-33.95	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

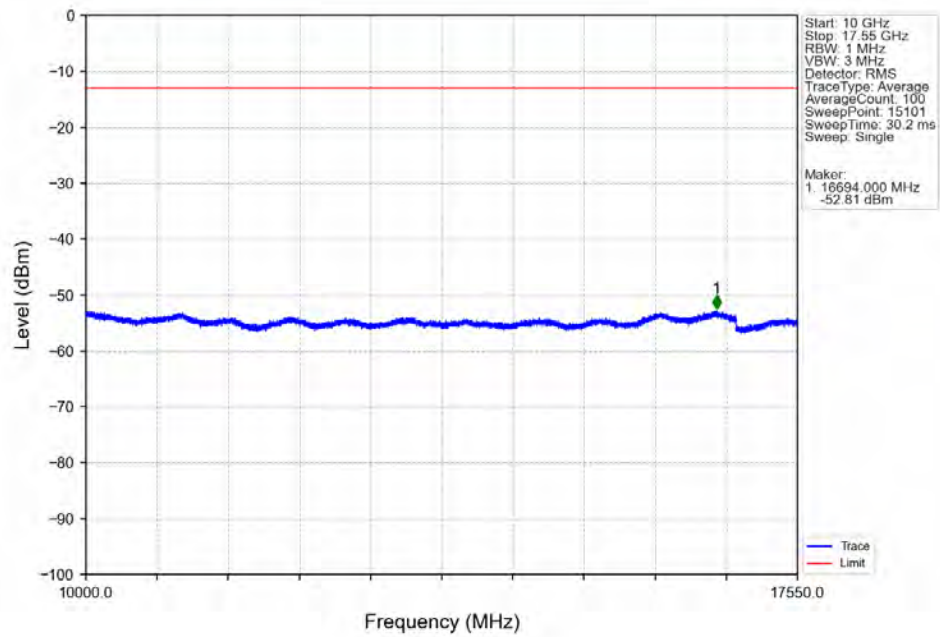


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.010	-29.97	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.84	-13	Pass

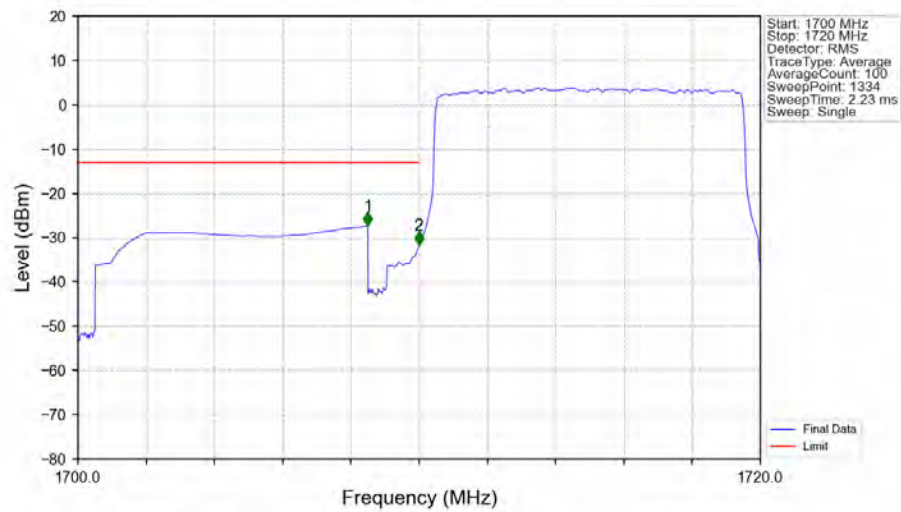
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

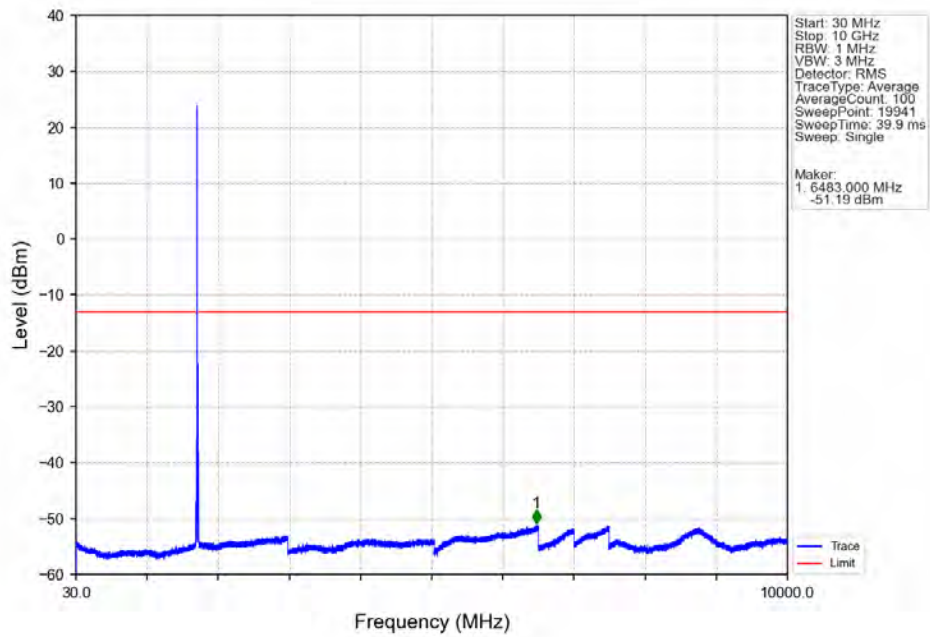


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

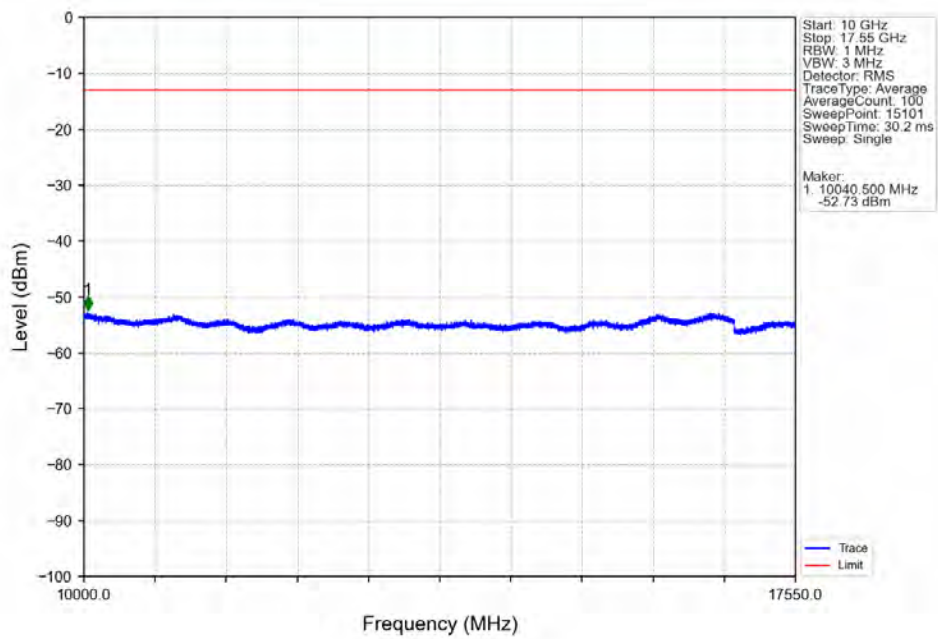


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-27.39	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-31.71	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

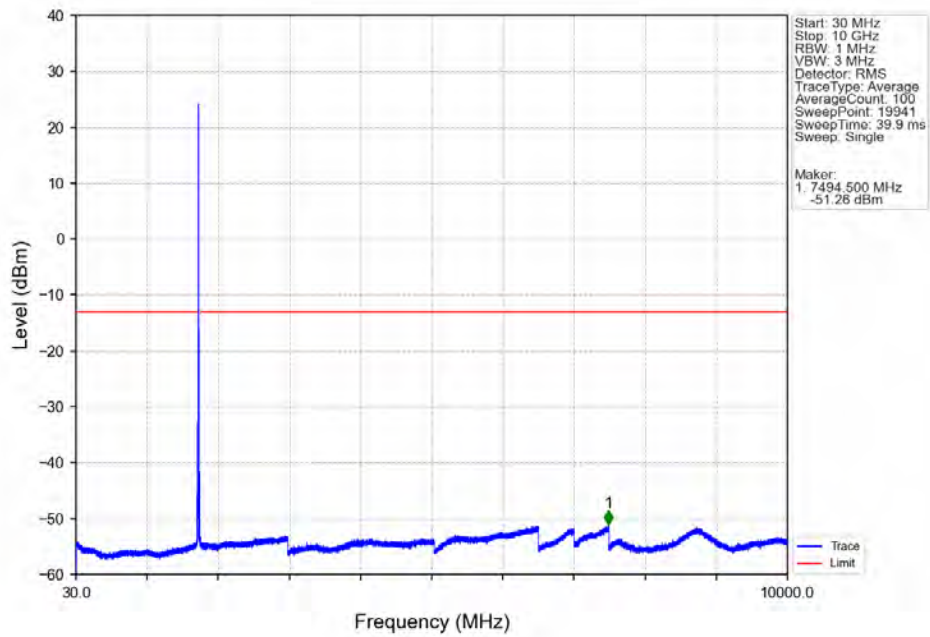
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



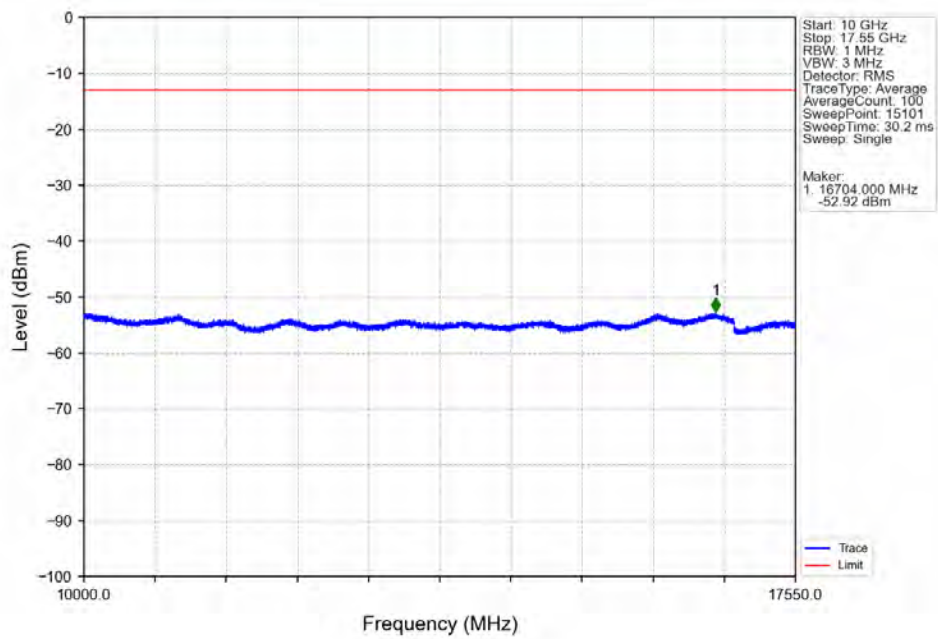
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



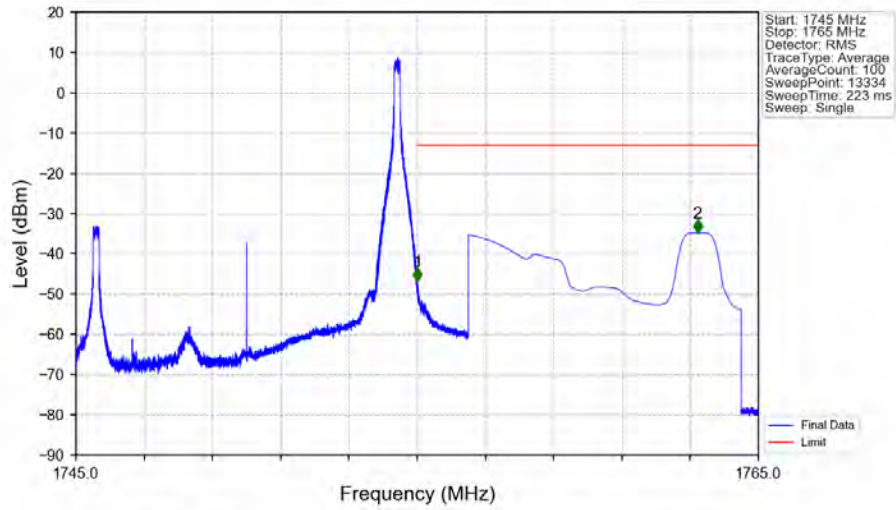
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

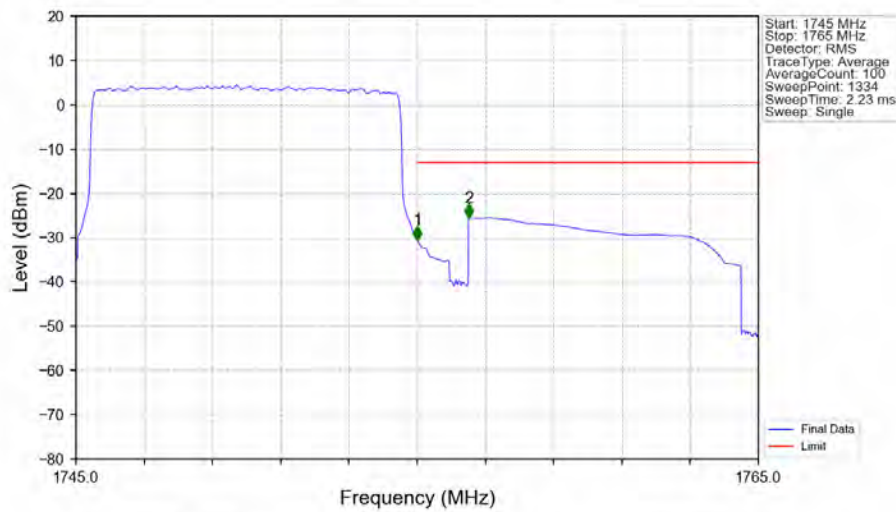


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



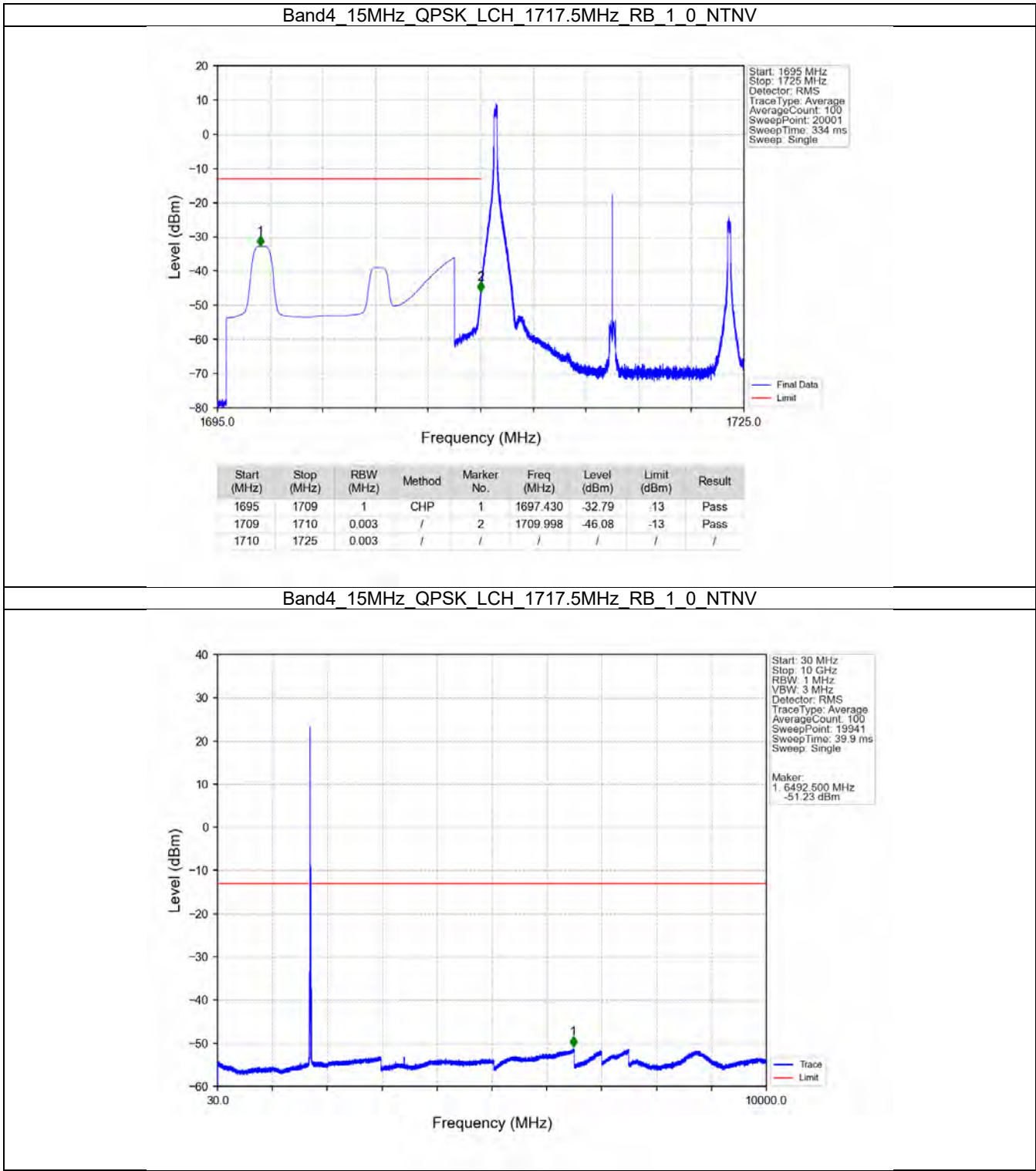
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-46.90	-13	Pass
1756	1765	1	CHP	2	1763.218	-34.77	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

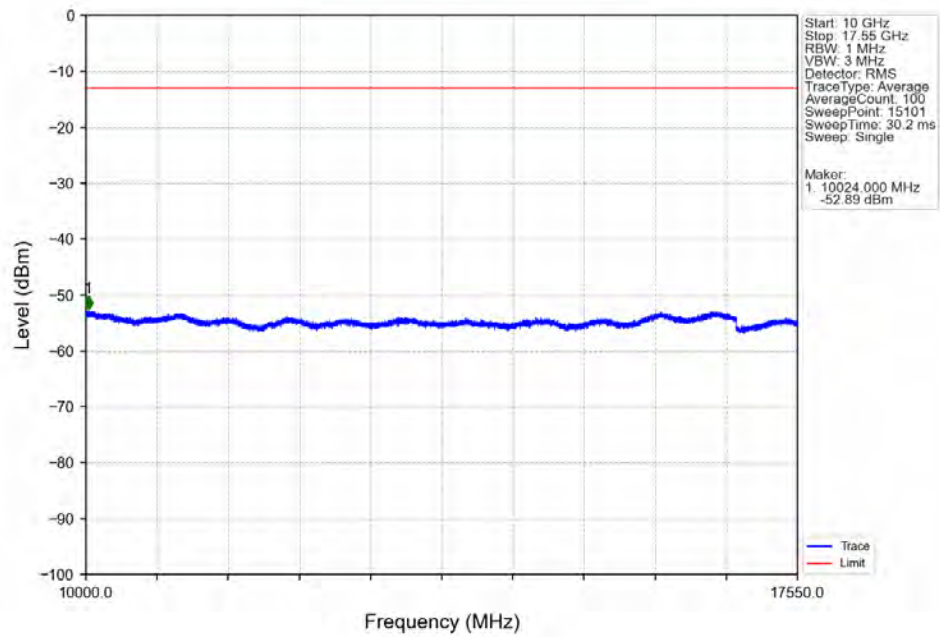


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.008	-30.49	-13	Pass
1756	1765	1	CHP	2	1756.508	-25.53	-13	Pass

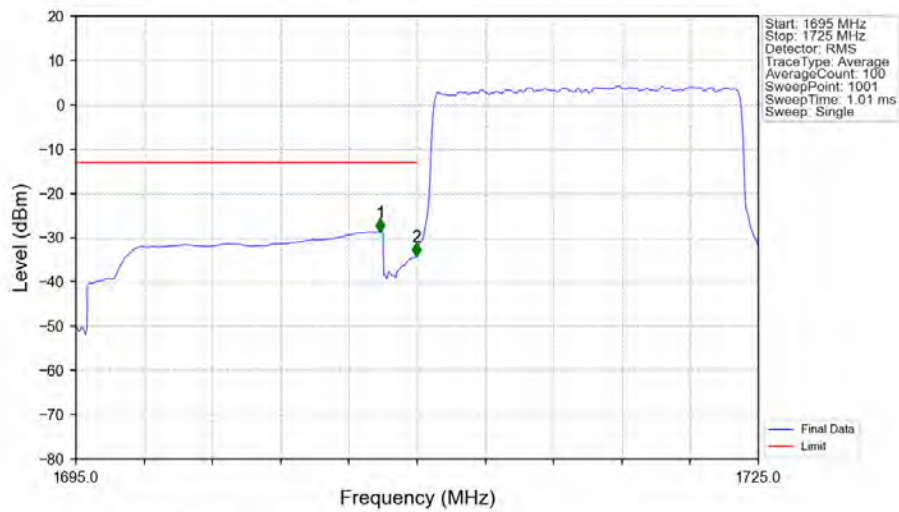
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

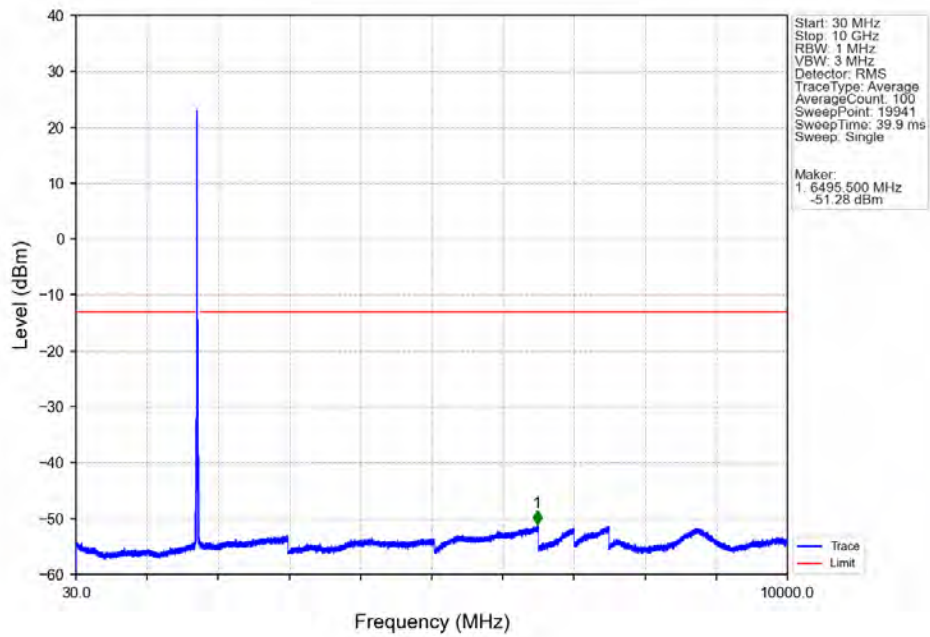


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

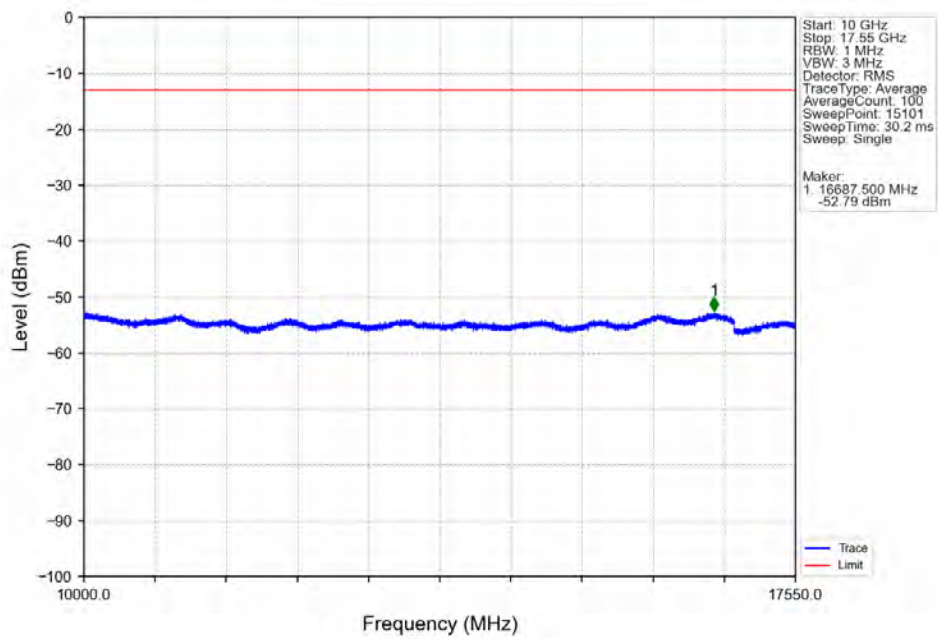


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.380	-28.70	-13	Pass
1709	1710	0.148	CHP	2	1709.970	-34.22	-13	Pass
1710	1725	0.148	CHP	/	/	/	/	/

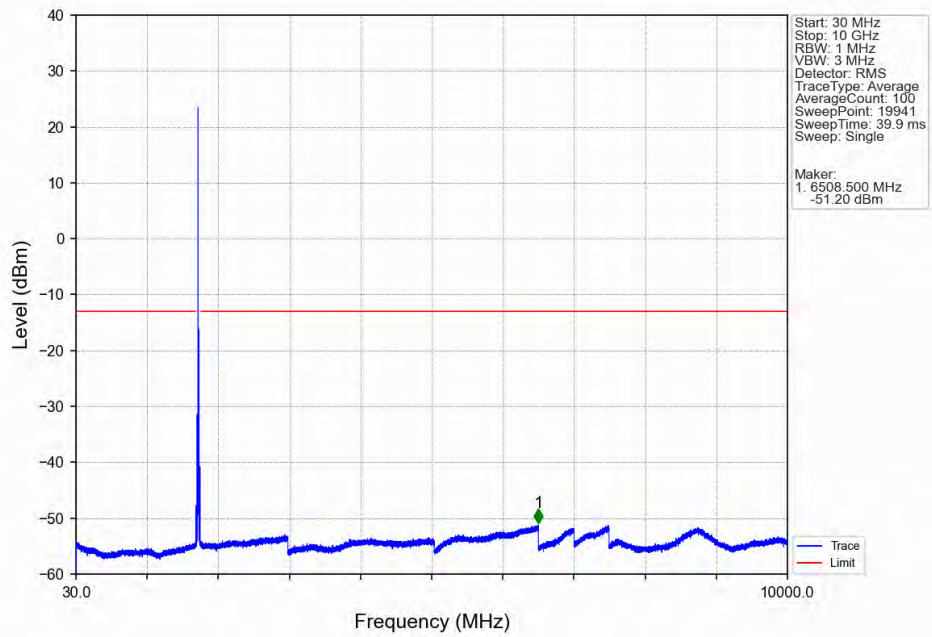
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



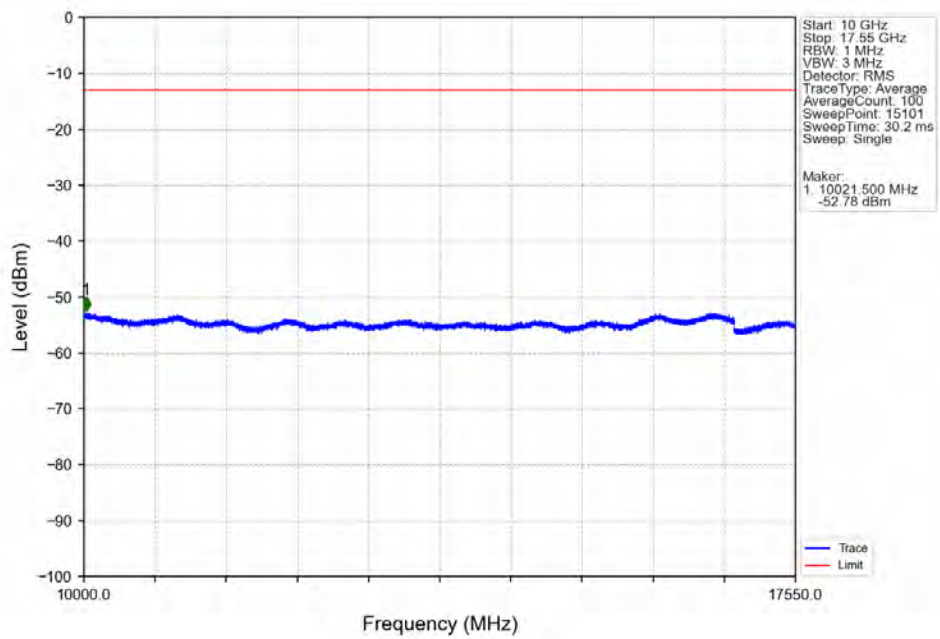
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



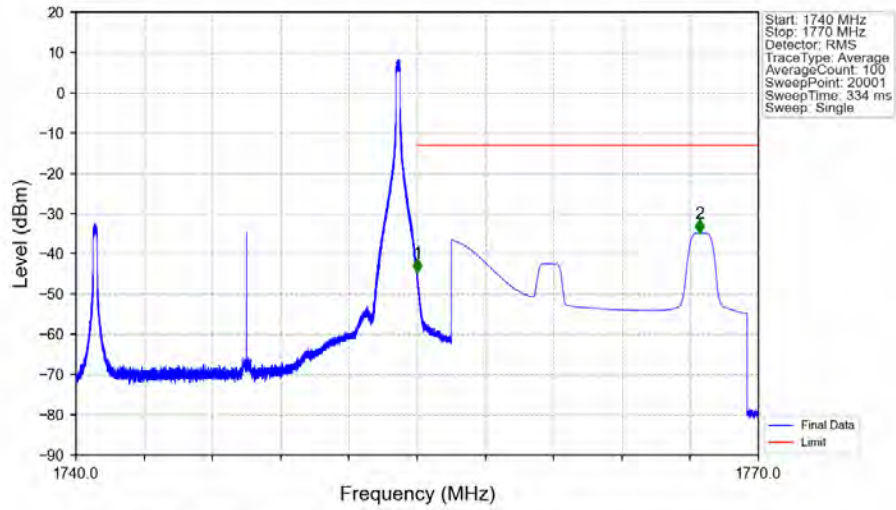
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

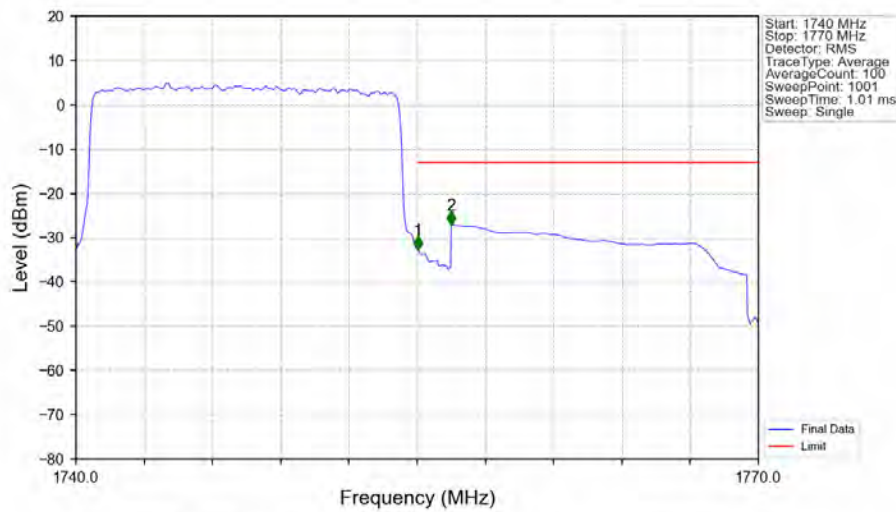


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



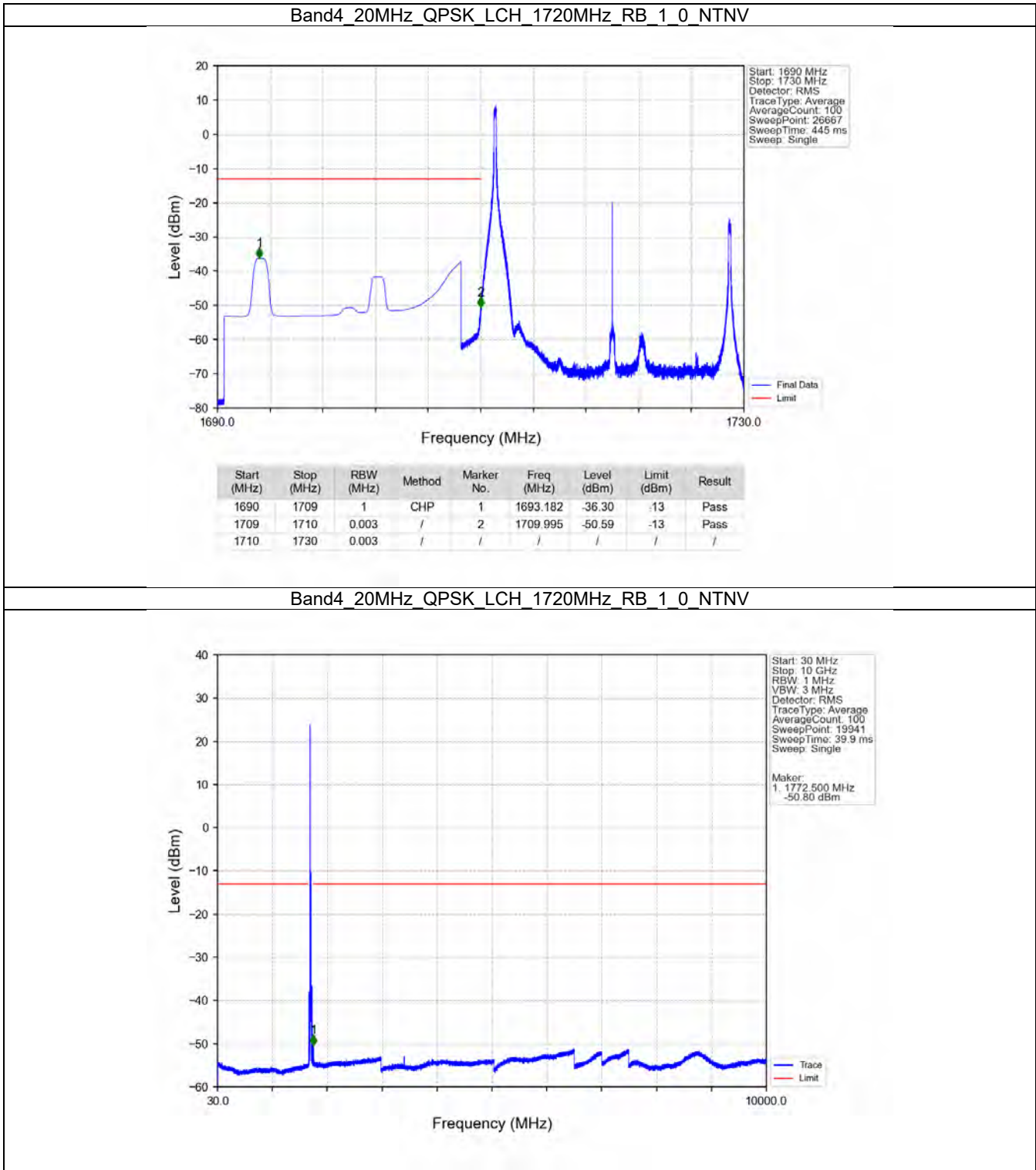
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-44.75	-13	Pass
1756	1770	1	CHP	2	1767.412	-34.87	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

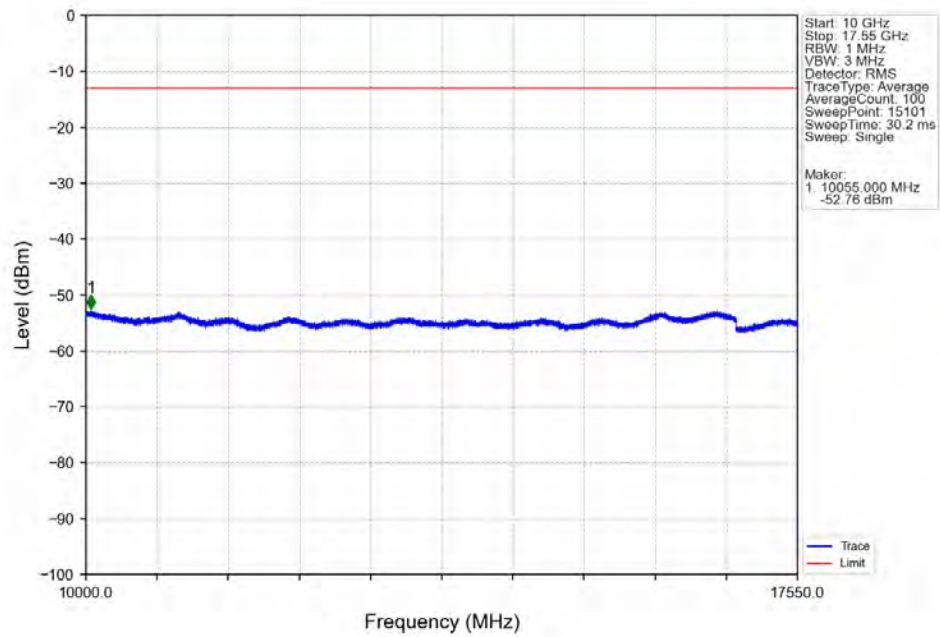


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.147	CHP	/	/	/	/	/
1755	1756	0.147	CHP	1	1755.030	-32.84	-13	Pass
1756	1770	1	CHP	2	1756.500	-27.05	-13	Pass

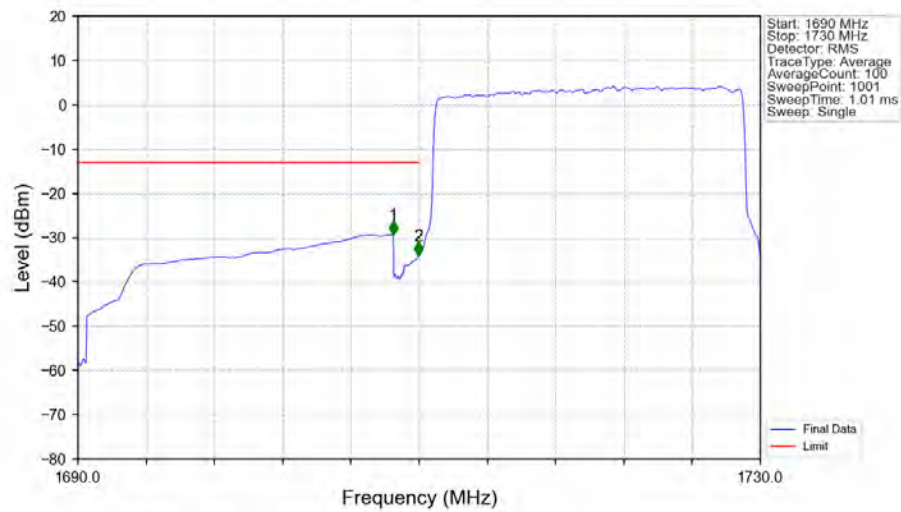
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

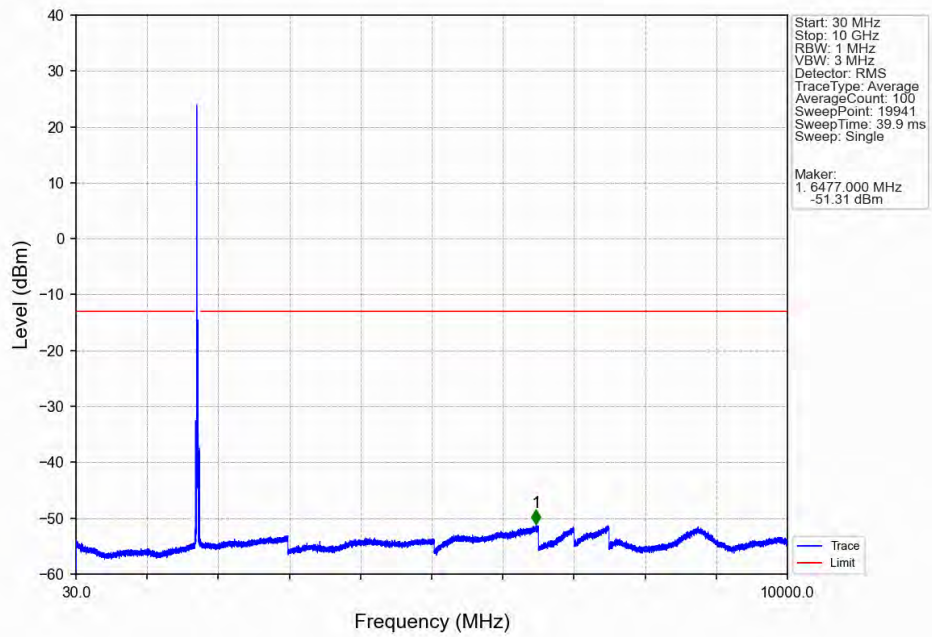


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN

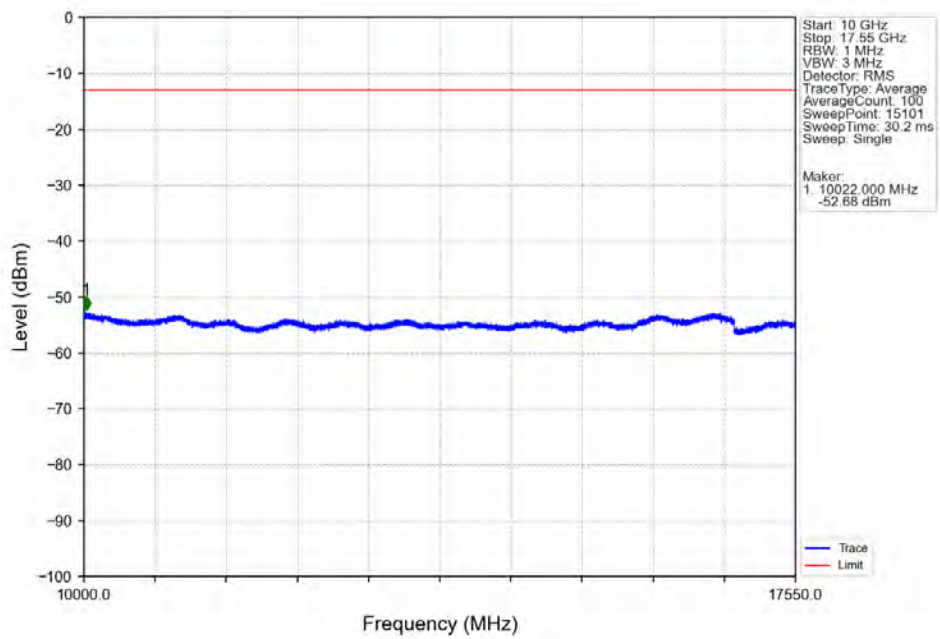


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.31	-13	Pass
1709	1710	0.197	CHP	2	1709.960	-34.02	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

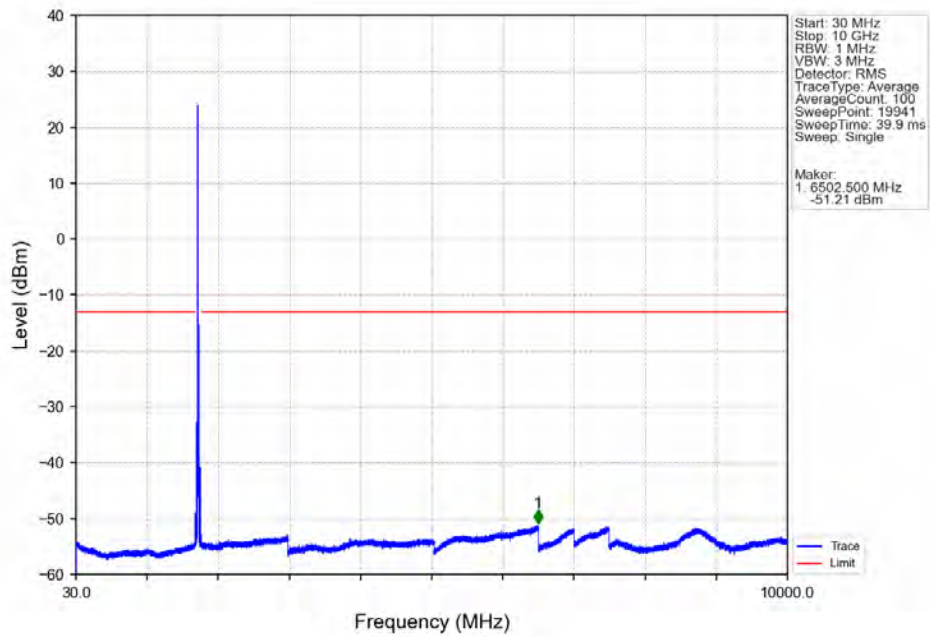
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



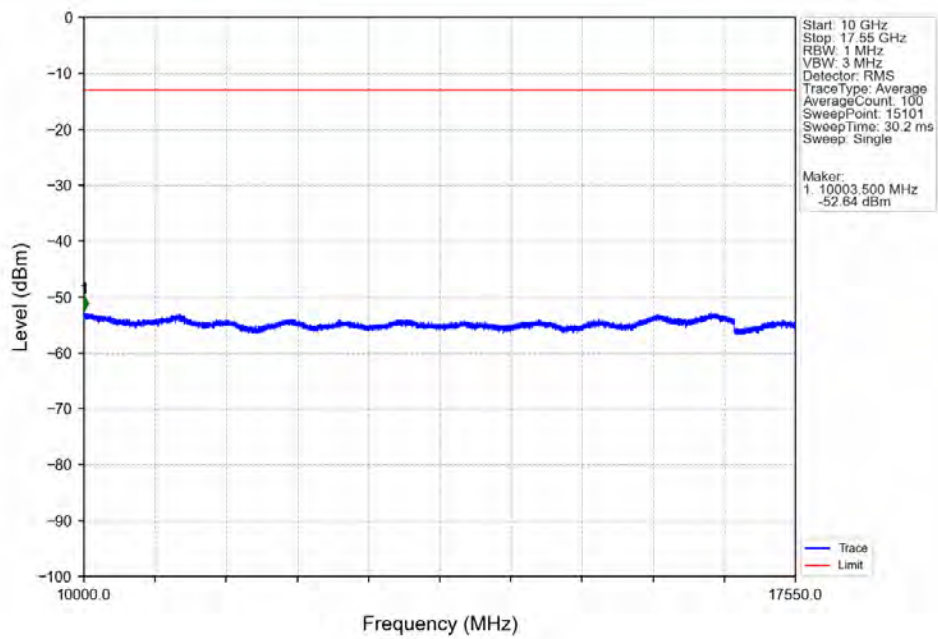
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



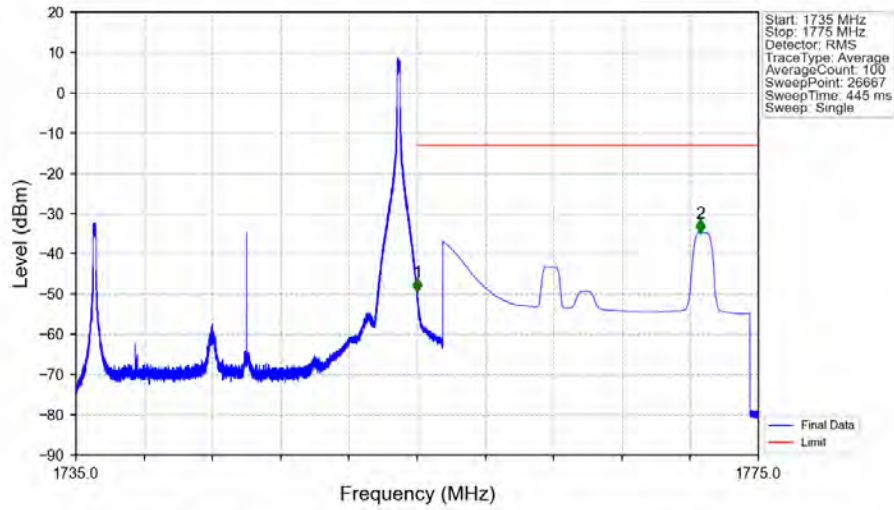
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

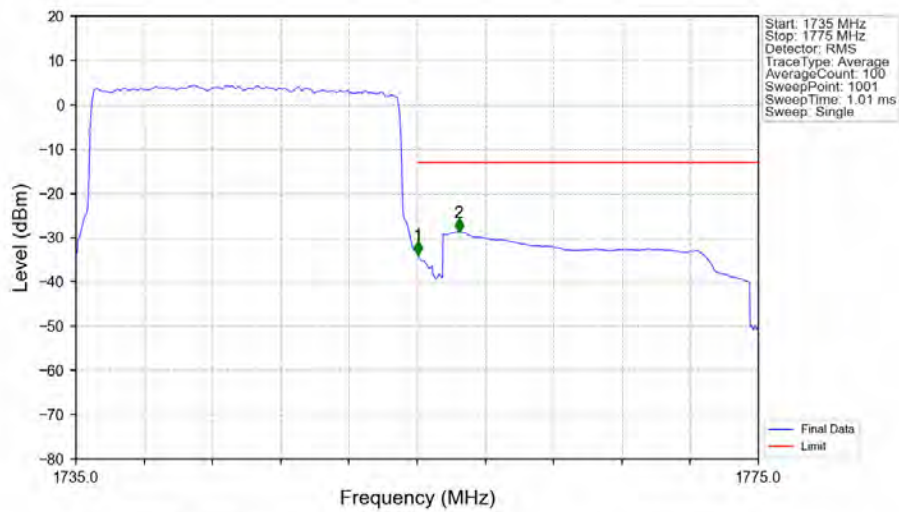


Band4 20MHz QPSK HCH 1745MHz RB 1_99 NTN



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	1755.007	-49.50	-13	Pass
1756	1775	1	CHP	2	1771.613	-34.75	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100_0 NTN



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	-33.93	-13	Pass
1756	1775	1	CHP	2	1757.440	-28.68	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 4_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5133	64.15	-47.84	31.57	-47.38	-13.00	34.38	Horizontal
2	8555.25	52.45	-44.11	36.91	-50.01	-13.00	37.01	Horizontal
3	3422.18	81.35	-48.38	28.44	-33.86	-13.00	20.86	Horizontal
4	6844.36	71.09	-46.82	35.25	-35.74	-13.00	22.74	Horizontal
5	10266.54	40.71	-41.48	38.99	-57.04	-13.00	44.04	Horizontal
6	11977.63	39.11	-39.55	39.40	-56.29	-13.00	43.29	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6844.125	69.66	-46.82	35.25	-37.17	-13.00	24.17	Vertical
2	10266	42.85	-41.49	38.99	-54.91	-13.00	41.91	Vertical
3	11977.5	41.11	-39.55	39.40	-54.30	-13.00	41.30	Vertical
4	3422.18	90.34	-48.38	28.44	-24.87	-13.00	11.87	Vertical
5	5133.27	67.96	-47.84	31.57	-43.57	-13.00	30.57	Vertical
6	8555.45	56.34	-44.11	36.91	-46.12	-13.00	33.12	Vertical

Test Band = LTE Band 4_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447	82.99	-48.35	28.46	-32.17	-13.00	19.17	Horizontal
2	8617.875	50.16	-44.00	36.98	-52.12	-13.00	39.12	Horizontal
3	5170.77	62.97	-47.87	31.68	-48.48	-13.00	35.48	Horizontal
4	6894.36	67.88	-46.74	35.33	-38.79	-13.00	25.79	Horizontal
5	10341.54	38.58	-41.19	39.04	-58.83	-13.00	45.83	Horizontal
6	12065.13	38.60	-39.56	39.36	-56.86	-13.00	43.86	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8617.5	52.06	-44.00	36.98	-50.22	-13.00	37.22	Vertical
2	10341.375	45.12	-41.19	39.04	-52.29	-13.00	39.29	Vertical
3	12064.875	38.71	-39.56	39.36	-56.75	-13.00	43.75	Vertical
4	3447.18	86.27	-48.35	28.46	-28.89	-13.00	15.89	Vertical
5	5170.77	70.02	-47.87	31.68	-41.43	-13.00	28.43	Vertical
6	6894.36	65.20	-46.74	35.33	-41.47	-13.00	28.47	Vertical

Test Band = LTE Band 4_TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6944.25	66.10	-46.67	35.41	-40.42	-13.00	27.42	Horizontal
2	3472.18	77.68	-48.32	28.48	-37.43	-13.00	24.43	Horizontal
3	5208.27	65.39	-47.88	31.78	-45.97	-13.00	32.97	Horizontal
4	8680.45	47.39	-44.09	37.05	-54.91	-13.00	41.91	Horizontal
5	10416.54	38.31	-41.14	39.09	-59.00	-13.00	46.00	Horizontal
6	12152.63	36.75	-39.73	39.31	-58.93	-13.00	45.93	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.125	85.62	-48.32	28.48	-29.49	-13.00	16.49	Vertical
2	5208	67.51	-47.88	31.78	-43.85	-13.00	30.85	Vertical
3	10416.375	41.35	-41.14	39.09	-55.96	-13.00	42.96	Vertical
4	12152.625	38.62	-39.73	39.31	-57.06	-13.00	44.06	Vertical
5	6944.36	62.41	-46.67	35.41	-44.11	-13.00	31.11	Vertical
6	8680.45	50.21	-44.09	37.05	-52.09	-13.00	39.09	Vertical