

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	23.11	-5.32	17.79	<=30	Pass
			2	23.31	-5.32	17.99	<=30	Pass
			5	23.11	-5.32	17.79	<=30	Pass
		3	0	23.10	-5.32	17.78	<=30	Pass
			2	23.12	-5.32	17.80	<=30	Pass
			3	23.07	-5.32	17.75	<=30	Pass
		6	0	22.05	-5.32	16.73	<=30	Pass
	1732.5	1	0	23.15	-5.32	17.83	<=30	Pass
			2	23.16	-5.32	17.84	<=30	Pass
			5	23.09	-5.32	17.77	<=30	Pass
		3	0	23.28	-5.32	17.96	<=30	Pass
			2	23.19	-5.32	17.87	<=30	Pass
			3	23.22	-5.32	17.90	<=30	Pass
		6	0	22.09	-5.32	16.77	<=30	Pass
	1754.3	1	0	23.08	-5.32	17.76	<=30	Pass
			2	23.10	-5.32	17.78	<=30	Pass
			5	23.05	-5.32	17.73	<=30	Pass
		3	0	23.19	-5.32	17.87	<=30	Pass
			2	23.36	-5.32	18.04	<=30	Pass
			3	23.35	-5.32	18.03	<=30	Pass
		6	0	22.16	-5.32	16.84	<=30	Pass
16QAM	1710.7	1	0	21.65	-5.32	16.33	<=30	Pass
			2	21.92	-5.32	16.60	<=30	Pass
			5	21.68	-5.32	16.36	<=30	Pass
		3	0	22.12	-5.32	16.80	<=30	Pass
			2	22.15	-5.32	16.83	<=30	Pass
			3	22.12	-5.32	16.80	<=30	Pass
		6	0	20.99	-5.32	15.67	<=30	Pass
	1732.5	1	0	22.42	-5.32	17.10	<=30	Pass
			2	22.46	-5.32	17.14	<=30	Pass
			5	22.38	-5.32	17.06	<=30	Pass
		3	0	22.32	-5.32	17.00	<=30	Pass
			2	22.16	-5.32	16.84	<=30	Pass
			3	22.20	-5.32	16.88	<=30	Pass
		6	0	21.07	-5.32	15.75	<=30	Pass
	1754.3	1	0	21.80	-5.32	16.48	<=30	Pass
			2	22.22	-5.32	16.90	<=30	Pass
			5	22.01	-5.32	16.69	<=30	Pass
		3	0	22.13	-5.32	16.81	<=30	Pass
			2	22.21	-5.32	16.89	<=30	Pass
			3	22.33	-5.32	17.01	<=30	Pass
		6	0	21.08	-5.32	15.76	<=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	23.07	-5.32	17.75	<=30	Pass
			7	23.04	-5.32	17.72	<=30	Pass
			14	22.90	-5.32	17.58	<=30	Pass
		8	0	21.91	-5.32	16.59	<=30	Pass
			4	21.97	-5.32	16.65	<=30	Pass
			7	21.88	-5.32	16.56	<=30	Pass
		15	0	21.72	-5.32	16.40	<=30	Pass
	1732.5	1	0	22.66	-5.32	17.34	<=30	Pass
			7	22.83	-5.32	17.51	<=30	Pass
			14	22.57	-5.32	17.25	<=30	Pass
		8	0	21.66	-5.32	16.34	<=30	Pass
			4	21.66	-5.32	16.34	<=30	Pass
			7	21.73	-5.32	16.41	<=30	Pass
		15	0	21.74	-5.32	16.42	<=30	Pass
	1753.5	1	0	22.71	-5.32	17.39	<=30	Pass
			7	22.68	-5.32	17.36	<=30	Pass
			14	22.66	-5.32	17.34	<=30	Pass
		8	0	21.57	-5.32	16.25	<=30	Pass
			4	21.83	-5.32	16.51	<=30	Pass
			7	21.72	-5.32	16.40	<=30	Pass
		15	0	21.38	-5.32	16.06	<=30	Pass
16QAM	1711.5	1	0	21.54	-5.32	16.22	<=30	Pass
			7	21.40	-5.32	16.08	<=30	Pass
			14	21.68	-5.32	16.36	<=30	Pass
		8	0	20.72	-5.32	15.40	<=30	Pass
			4	20.82	-5.32	15.50	<=30	Pass
			7	20.81	-5.32	15.49	<=30	Pass
		15	0	20.73	-5.32	15.41	<=30	Pass
	1732.5	1	0	22.39	-5.32	17.07	<=30	Pass
			7	22.23	-5.32	16.91	<=30	Pass
			14	22.44	-5.32	17.12	<=30	Pass
		8	0	20.43	-5.32	15.11	<=30	Pass
			4	20.46	-5.32	15.14	<=30	Pass
			7	20.62	-5.32	15.30	<=30	Pass
		15	0	20.50	-5.32	15.18	<=30	Pass
	1753.5	1	0	22.23	-5.32	16.91	<=30	Pass
			7	21.73	-5.32	16.41	<=30	Pass
			14	21.90	-5.32	16.58	<=30	Pass
		8	0	21.14	-5.32	15.82	<=30	Pass
			4	21.16	-5.32	15.84	<=30	Pass
			7	20.94	-5.32	15.62	<=30	Pass
		15	0	20.91	-5.32	15.59	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.48	-5.32	17.16	<=30	Pass
			13	22.45	-5.32	17.13	<=30	Pass
			24	22.55	-5.32	17.23	<=30	Pass
		12	0	21.46	-5.32	16.14	<=30	Pass
			6	21.37	-5.32	16.05	<=30	Pass
			13	21.45	-5.32	16.13	<=30	Pass

16QAM	1732.5	25	0	21.38	-5.32	16.06	<=30	Pass
		1	0	22.22	-5.32	16.90	<=30	Pass
			13	22.31	-5.32	16.99	<=30	Pass
			24	22.36	-5.32	17.04	<=30	Pass
		12	0	21.36	-5.32	16.04	<=30	Pass
			6	21.30	-5.32	15.98	<=30	Pass
			13	21.32	-5.32	16.00	<=30	Pass
		25	0	21.33	-5.32	16.01	<=30	Pass
	1752.5	1	0	22.41	-5.32	17.09	<=30	Pass
			13	22.41	-5.32	17.09	<=30	Pass
			24	22.40	-5.32	17.08	<=30	Pass
		12	0	21.27	-5.32	15.95	<=30	Pass
			6	21.30	-5.32	15.98	<=30	Pass
			13	21.36	-5.32	16.04	<=30	Pass
		25	0	21.16	-5.32	15.84	<=30	Pass
	1712.5	1	0	21.32	-5.32	16.00	<=30	Pass
			13	21.31	-5.32	15.99	<=30	Pass
			24	21.33	-5.32	16.01	<=30	Pass
		12	0	20.40	-5.32	15.08	<=30	Pass
			6	20.42	-5.32	15.10	<=30	Pass
			13	20.41	-5.32	15.09	<=30	Pass
		25	0	20.37	-5.32	15.05	<=30	Pass
	1732.5	1	0	21.20	-5.32	15.88	<=30	Pass
			13	21.01	-5.32	15.69	<=30	Pass
			24	21.59	-5.32	16.27	<=30	Pass
		12	0	20.24	-5.32	14.92	<=30	Pass
			6	20.17	-5.32	14.85	<=30	Pass
			13	20.21	-5.32	14.89	<=30	Pass
		25	0	20.35	-5.32	15.03	<=30	Pass
	1752.5	1	0	20.50	-5.32	15.18	<=30	Pass
			13	20.79	-5.32	15.47	<=30	Pass
			24	21.01	-5.32	15.69	<=30	Pass
		12	0	20.42	-5.32	15.10	<=30	Pass
			6	20.27	-5.32	14.95	<=30	Pass
			13	20.45	-5.32	15.13	<=30	Pass
		25	0	20.37	-5.32	15.05	<=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	22.46	-5.32	17.14	<=30	Pass
			25	22.40	-5.32	17.08	<=30	Pass
			49	22.40	-5.32	17.08	<=30	Pass
		25	0	21.27	-5.32	15.95	<=30	Pass
			13	21.18	-5.32	15.86	<=30	Pass
			25	21.23	-5.32	15.91	<=30	Pass
		50	0	21.17	-5.32	15.85	<=30	Pass
	1732.5	1	0	22.22	-5.32	16.90	<=30	Pass
			25	22.18	-5.32	16.86	<=30	Pass
			49	22.17	-5.32	16.85	<=30	Pass
		25	0	21.00	-5.32	15.68	<=30	Pass
			13	21.07	-5.32	15.75	<=30	Pass
			25	21.14	-5.32	15.82	<=30	Pass
		50	0	21.01	-5.32	15.69	<=30	Pass

16QAM	1750	1	0	22.17	-5.32	16.85	<=30	Pass
			25	22.08	-5.32	16.76	<=30	Pass
			49	22.63	-5.32	17.31	<=30	Pass
		25	0	20.89	-5.32	15.57	<=30	Pass
			13	20.94	-5.32	15.62	<=30	Pass
			25	21.06	-5.32	15.74	<=30	Pass
		50	0	20.88	-5.32	15.56	<=30	Pass
	1715	1	0	20.77	-5.32	15.45	<=30	Pass
			25	20.95	-5.32	15.63	<=30	Pass
			49	20.97	-5.32	15.65	<=30	Pass
		12	0	20.99	-5.32	15.67	<=30	Pass
			19	21.09	-5.32	15.77	<=30	Pass
			38	21.43	-5.32	16.11	<=30	Pass
		27	0	20.19	-5.32	14.87	<=30	Pass
	1732.5	1	0	21.59	-5.32	16.27	<=30	Pass
			25	21.37	-5.32	16.05	<=30	Pass
			49	21.59	-5.32	16.27	<=30	Pass
		12	0	20.85	-5.32	15.53	<=30	Pass
			19	20.75	-5.32	15.43	<=30	Pass
			38	20.93	-5.32	15.61	<=30	Pass
		27	0	20.19	-5.32	14.87	<=30	Pass
	1750	1	0	21.19	-5.32	15.87	<=30	Pass
			25	21.79	-5.32	16.47	<=30	Pass
			49	21.10	-5.32	15.78	<=30	Pass
		12	0	21.05	-5.32	15.73	<=30	Pass
			19	21.14	-5.32	15.82	<=30	Pass
			38	21.05	-5.32	15.73	<=30	Pass
		27	23	20.07	-5.32	14.75	<=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	22.24	-5.32	16.92	<=30	Pass
			38	22.26	-5.32	16.94	<=30	Pass
			74	22.37	-5.32	17.05	<=30	Pass
		36	0	21.50	-5.32	16.18	<=30	Pass
			18	21.85	-5.32	16.53	<=30	Pass
			39	21.90	-5.32	16.58	<=30	Pass
		75	0	21.81	-5.32	16.49	<=30	Pass
	1732.5	1	0	22.83	-5.32	17.51	<=30	Pass
			38	22.65	-5.32	17.33	<=30	Pass
			74	22.74	-5.32	17.42	<=30	Pass
		36	0	21.92	-5.32	16.60	<=30	Pass
			18	21.85	-5.32	16.53	<=30	Pass
			39	21.83	-5.32	16.51	<=30	Pass
		75	0	21.73	-5.32	16.41	<=30	Pass
	1747.5	1	0	22.57	-5.32	17.25	<=30	Pass
			38	22.45	-5.32	17.13	<=30	Pass
			74	23.05	-5.32	17.73	<=30	Pass
		36	0	21.94	-5.32	16.62	<=30	Pass
			18	21.77	-5.32	16.45	<=30	Pass
			39	22.02	-5.32	16.70	<=30	Pass
		75	0	21.82	-5.32	16.50	<=30	Pass
16QAM	1717.5	1	0	22.52	-5.32	17.20	<=30	Pass

	1732.5	12	38	21.99	-5.32	16.67	<=30	Pass
			74	21.92	-5.32	16.60	<=30	Pass
			0	21.88	-5.32	16.56	<=30	Pass
			31	21.91	-5.32	16.59	<=30	Pass
			63	21.67	-5.32	16.35	<=30	Pass
		27	0	20.67	-5.32	15.35	<=30	Pass
		1	0	21.15	-5.32	15.83	<=30	Pass
	38		21.93	-5.32	16.61	<=30	Pass	
	74		22.15	-5.32	16.83	<=30	Pass	
	12		0	21.40	-5.32	16.08	<=30	Pass
			31	21.30	-5.32	15.98	<=30	Pass
			63	21.67	-5.32	16.35	<=30	Pass
	27		0	20.66	-5.32	15.34	<=30	Pass
	1747.5	1	0	22.02	-5.32	16.70	<=30	Pass
			38	21.82	-5.32	16.50	<=30	Pass
			74	21.60	-5.32	16.28	<=30	Pass
		12	0	21.82	-5.32	16.50	<=30	Pass
			31	21.76	-5.32	16.44	<=30	Pass
			63	21.98	-5.32	16.66	<=30	Pass
		27	48	20.98	-5.32	15.66	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.88	-5.32	17.56	<=30	Pass
			50	23.22	-5.32	17.90	<=30	Pass
			99	22.88	-5.32	17.56	<=30	Pass
		50	0	21.88	-5.32	16.56	<=30	Pass
			25	21.71	-5.32	16.39	<=30	Pass
			50	21.67	-5.32	16.35	<=30	Pass
		100	0	21.62	-5.32	16.30	<=30	Pass
			0	22.40	-5.32	17.08	<=30	Pass
			50	22.36	-5.32	17.04	<=30	Pass
		1	99	22.46	-5.32	17.14	<=30	Pass
			0	21.75	-5.32	16.43	<=30	Pass
			25	21.51	-5.32	16.19	<=30	Pass
16QAM	1732.5	50	50	21.56	-5.32	16.24	<=30	Pass
			0	21.55	-5.32	16.23	<=30	Pass
		100	0	22.28	-5.32	16.96	<=30	Pass
			50	22.29	-5.32	16.97	<=30	Pass
			99	23.42	-5.32	18.10	<=30	Pass
		1	0	22.11	-5.32	16.79	<=30	Pass
			25	21.85	-5.32	16.53	<=30	Pass
			50	21.94	-5.32	16.62	<=30	Pass
		50	0	21.94	-5.32	16.62	<=30	Pass
			0	22.30	-5.32	16.98	<=30	Pass
			50	22.68	-5.32	17.36	<=30	Pass
		1	99	22.32	-5.32	17.00	<=30	Pass
	1720	12	0	21.59	-5.32	16.27	<=30	Pass
			44	21.57	-5.32	16.25	<=30	Pass
			88	21.49	-5.32	16.17	<=30	Pass
		27	0	20.70	-5.32	15.38	<=30	Pass
			0	21.56	-5.32	16.24	<=30	Pass
			50	22.32	-5.32	17.00	<=30	Pass

		12	99	22.06	-5.32	16.74	<=30	Pass
			0	21.29	-5.32	15.97	<=30	Pass
			44	21.40	-5.32	16.08	<=30	Pass
			88	21.21	-5.32	15.89	<=30	Pass
	27	1	0	20.45	-5.32	15.13	<=30	Pass
			0	22.73	-5.32	17.41	<=30	Pass
			50	21.97	-5.32	16.65	<=30	Pass
			99	21.99	-5.32	16.67	<=30	Pass
	12	12	0	21.86	-5.32	16.54	<=30	Pass
			44	21.93	-5.32	16.61	<=30	Pass
			88	21.95	-5.32	16.63	<=30	Pass
			73	21.10	-5.32	15.78	<=30	Pass
	27	27	73	21.10	-5.32	15.78	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	2.546	0.0015	-2.5 to 2.5	Pass
					3.85	1.001	0.0006	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.302	0.0008	-2.5 to 2.5	Pass
					3.85	1.373	0.0008	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	2.360	0.0014	-2.5 to 2.5	Pass
					3.85	1.645	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.373	0.0008	-2.5 to 2.5	Pass
					3.85	0.758	0.0004	-2.5 to 2.5	Pass
					3.85	0.086	0.0000	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	0.358	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
					3.85	0.343	0.0002	-2.5 to 2.5	Pass
					3.85	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass
					3.85	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	0.615	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	0.086	0.0000	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.403	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.418	-0.0014	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.675	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
					3.85	-2.403	-0.0014	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	0.887	0.0005	-2.5 to 2.5	Pass
					3.85	1.516	0.0009	-2.5 to 2.5	Pass
					4.43	0.343	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.330	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.359	0.0008	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.458	0.0003	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
					4.43	0.873	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	0.815	0.0005	-2.5 to 2.5	Pass
					3.85	1.202	0.0007	-2.5 to 2.5	Pass
					4.43	0.315	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.486	0.0003	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.043	0.0000	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.529	0.0003	-2.5 to 2.5	Pass

				10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.85	0.601	0.0003	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.944	0.0006	-2.5 to 2.5	Pass
					3.85	0.987	0.0006	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.001	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.888	0.0011	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	1.001	0.0006	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.431	0.0008	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.944	0.0005	-2.5 to 2.5	Pass
					3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
					4.43	0.157	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				30	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	1.945	0.0011	-2.5 to 2.5	Pass
					3.85	0.172	0.0001	-2.5 to 2.5	Pass
					4.43	1.502	0.0009	-2.5 to 2.5	Pass

				-30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.287	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.772	0.0005	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-3.104	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	1.574	0.0009	-2.5 to 2.5	Pass
					3.85	1.431	0.0008	-2.5 to 2.5	Pass
					4.43	1.073	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.777	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.475	0.0014	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.988	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.531	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.303	0.0013	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.958	0.0006	-2.5 to 2.5	Pass
					3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
					4.43	0.644	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-1.802	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.161	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.734	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass

				10	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-3.448	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
					4.43	-1.330	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	0.157	0.0001	-2.5 to 2.5	Pass
					3.85	0.372	0.0002	-2.5 to 2.5	Pass
					4.43	0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.459	0.0008	-2.5 to 2.5	Pass
					3.85	1.502	0.0009	-2.5 to 2.5	Pass
					4.43	1.945	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.275	0.0013	-2.5 to 2.5	Pass
				0	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				30	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.388	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.016	0.0006	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-3.548	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.862	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	0.329	0.0002	-2.5 to 2.5	Pass
					3.85	0.215	0.0001	-2.5 to 2.5	Pass
					4.43	1.073	0.0006	-2.5 to 2.5	Pass

				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass
	1750	27	23	20	3.27	1.001	0.0006	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					4.43	1.202	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.988	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.060	0.0012	-2.5 to 2.5	Pass
				50	3.85	2.332	0.0013	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	0.901	0.0005	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.186	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.343	0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.730	0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	0.744	0.0004	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.629	-0.0004	-2.5 to 2.5	Pass

				50	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.27	1.087	0.0006	-2.5 to 2.5	Pass
					3.85	0.873	0.0005	-2.5 to 2.5	Pass
					4.43	1.130	0.0007	-2.5 to 2.5	Pass
					-30	3.85	0.086	0.0001	-2.5 to 2.5
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.216	0.0007	-2.5 to 2.5	Pass
	50	3.85	0.758	0.0004	-2.5 to 2.5	Pass			
	1732.5	27	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass
					3.85	0.572	0.0003	-2.5 to 2.5	Pass
					4.43	-0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
	50	3.85	0.701	0.0004	-2.5 to 2.5	Pass			
	1747.5	27	48	20	3.27	-0.043	0.0000	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.114	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	2.532	0.0015	-2.5 to 2.5	Pass
					3.85	1.016	0.0006	-2.5 to 2.5	Pass
					4.43	1.130	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				30	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	50	3.85	1.059	0.0006	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	0.043	0.0000	-2.5 to 2.5	Pass
					3.85	0.215	0.0001	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass

				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.715	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.758	0.0004	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.090	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-29.840	-0.0171	-2.5 to 2.5	Pass
				-20	3.85	-33.460	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-17.996	-0.0103	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0041	-2.5 to 2.5	Pass
				10	3.85	-19.269	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-21.658	-0.0124	-2.5 to 2.5	Pass
				50	3.85	-32.101	-0.0184	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	2.031	0.0012	-2.5 to 2.5	Pass
					3.85	0.329	0.0002	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.502	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.988	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.860	0.0011	-2.5 to 2.5	Pass
				50	3.85	0.858	0.0005	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	1.674	0.0010	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
					4.43	0.472	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	2.947	0.0017	-2.5 to 2.5	Pass
					3.85	3.161	0.0018	-2.5 to 2.5	Pass
					4.43	2.146	0.0012	-2.5 to 2.5	Pass
				-30	3.85	3.204	0.0018	-2.5 to 2.5	Pass
				-20	3.85	2.146	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0020	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0015	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

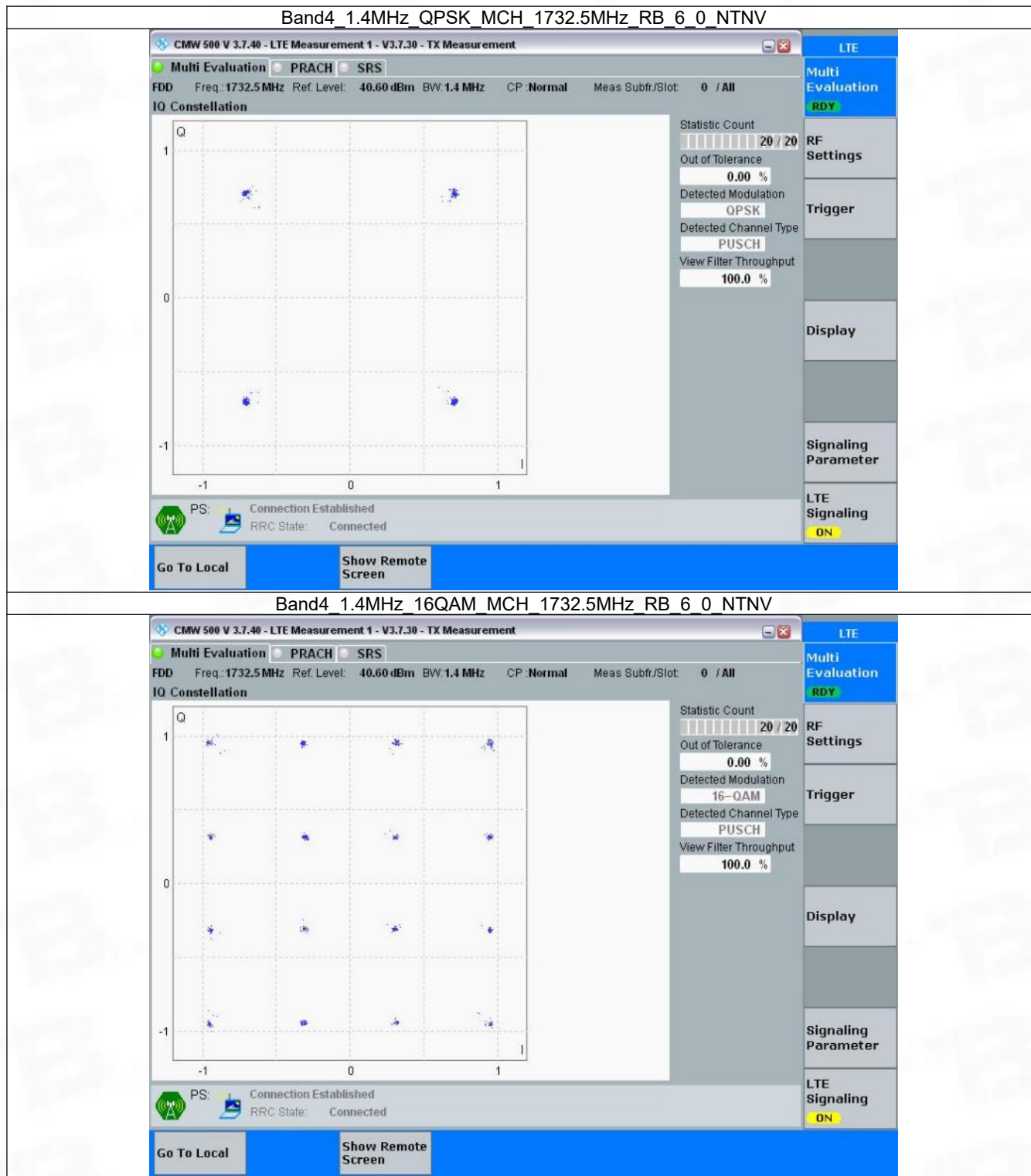
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

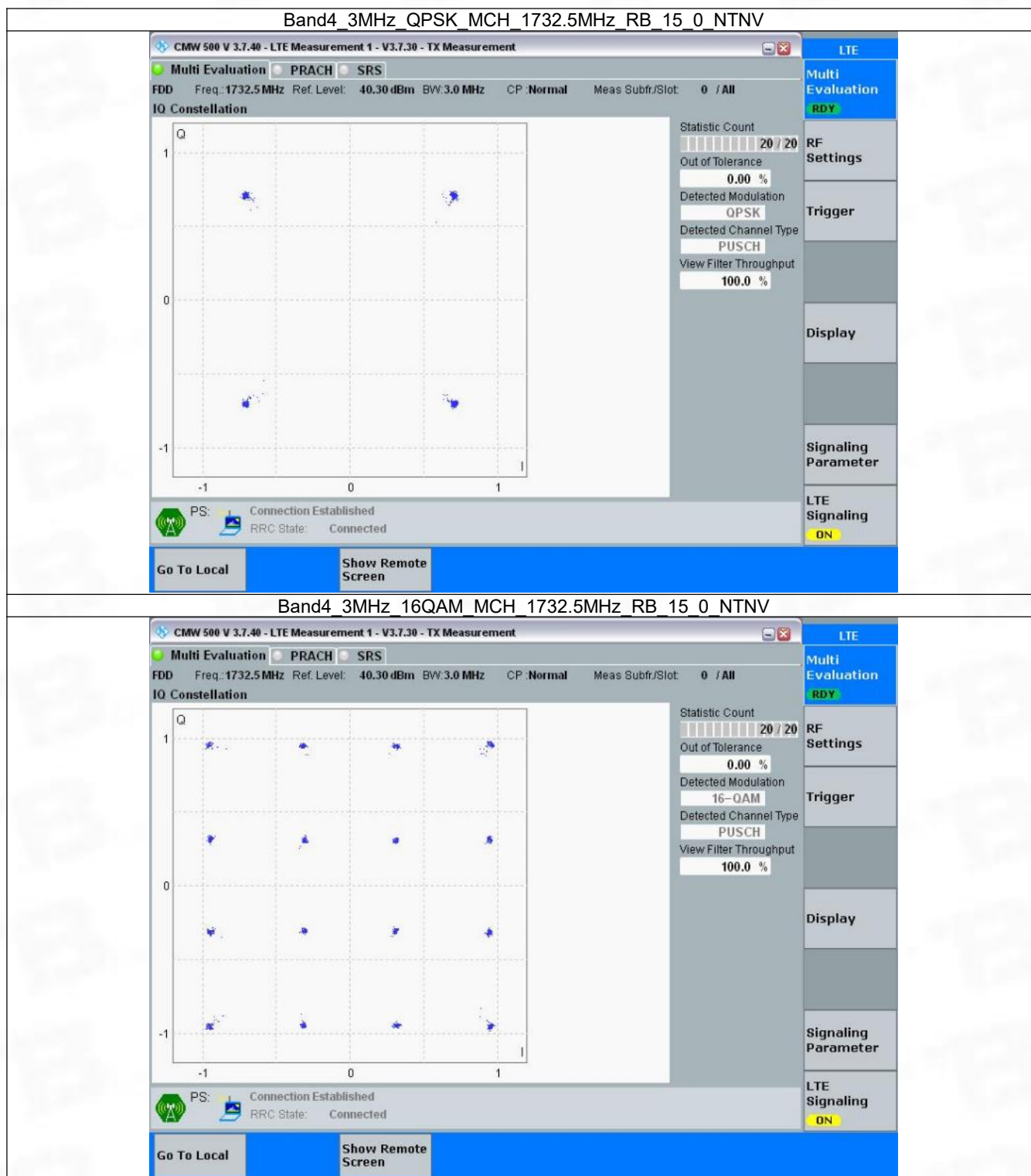
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

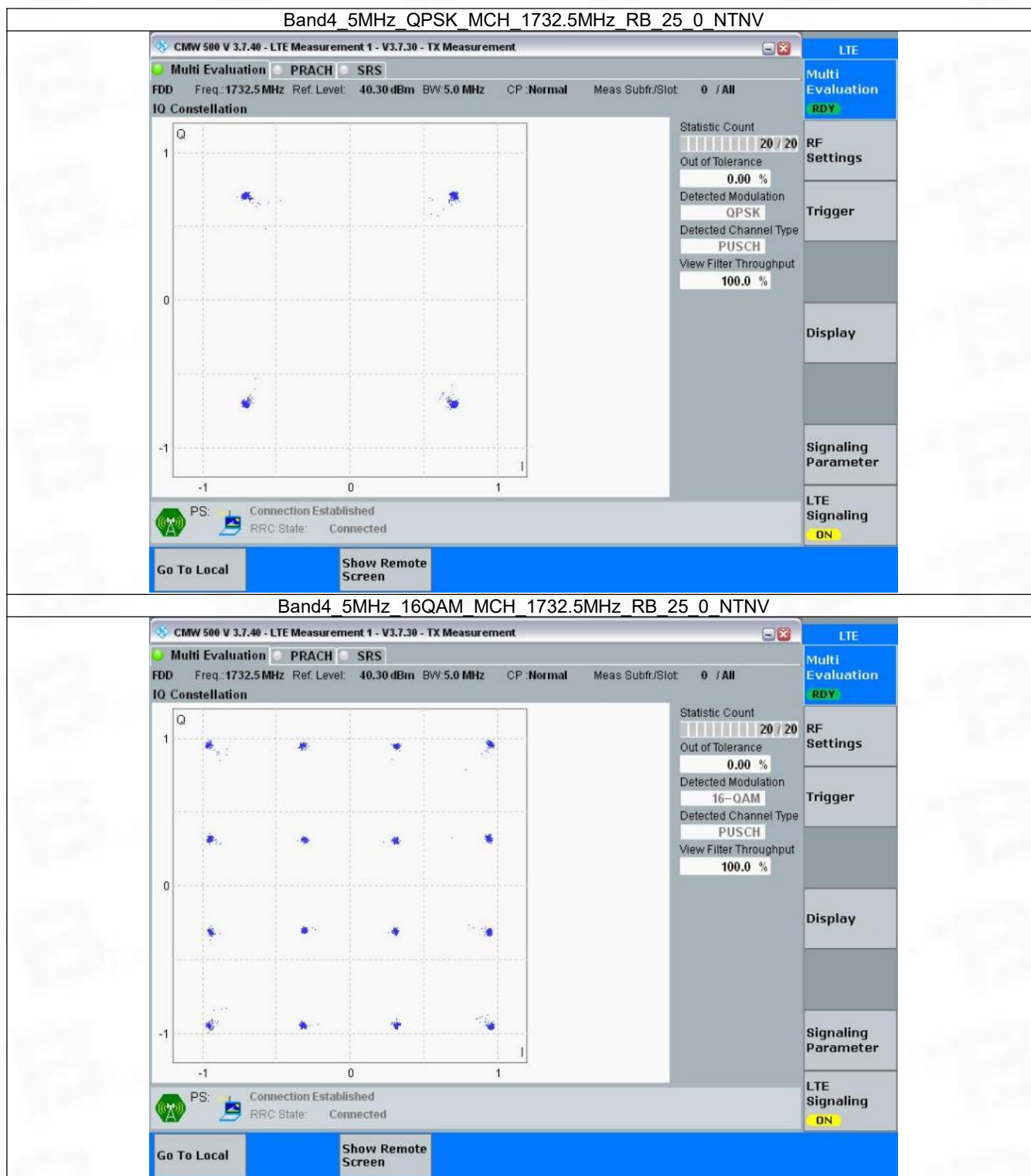
3.2.1 B4_1.4MHz



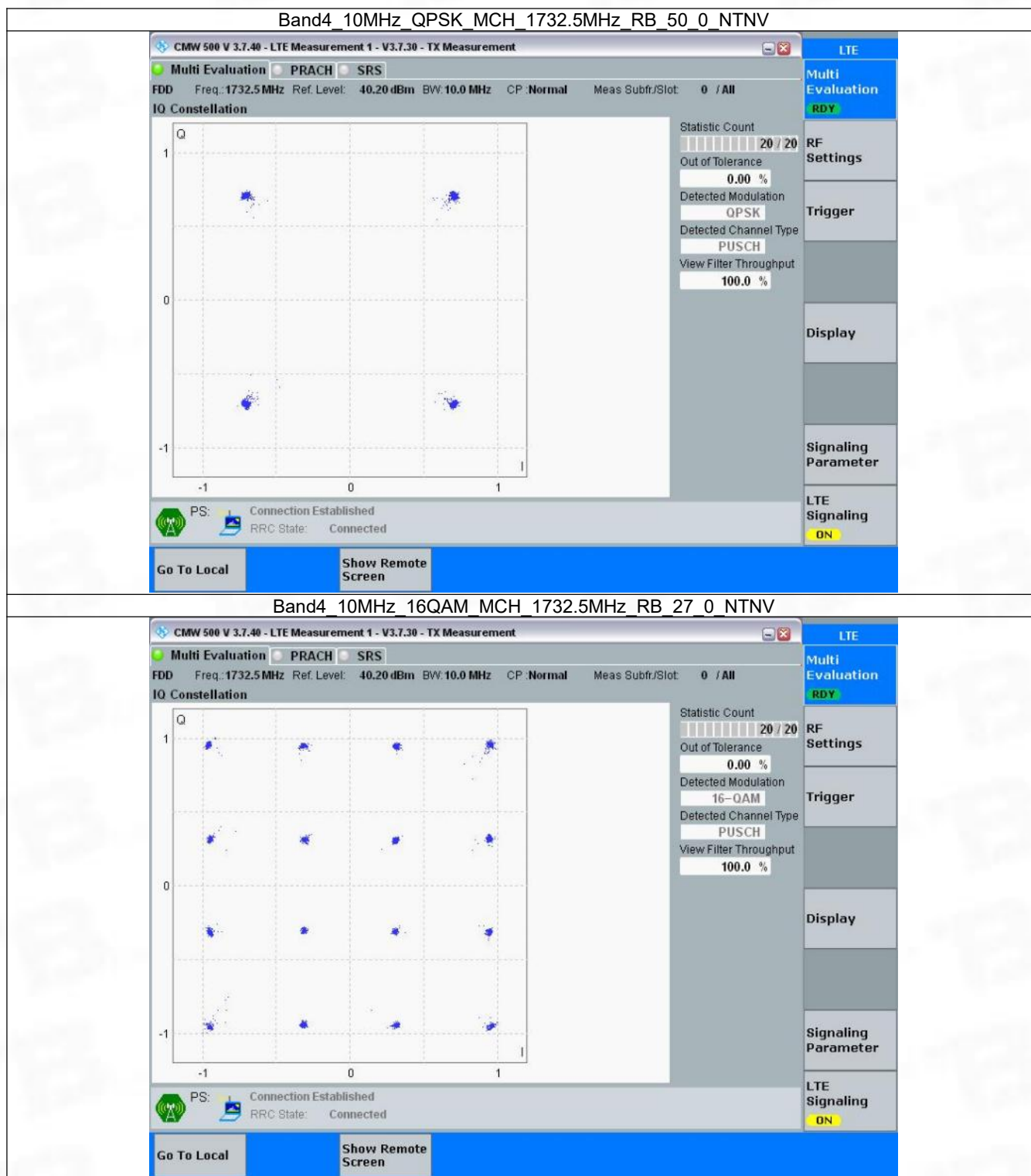
3.2.2 B4_3MHz



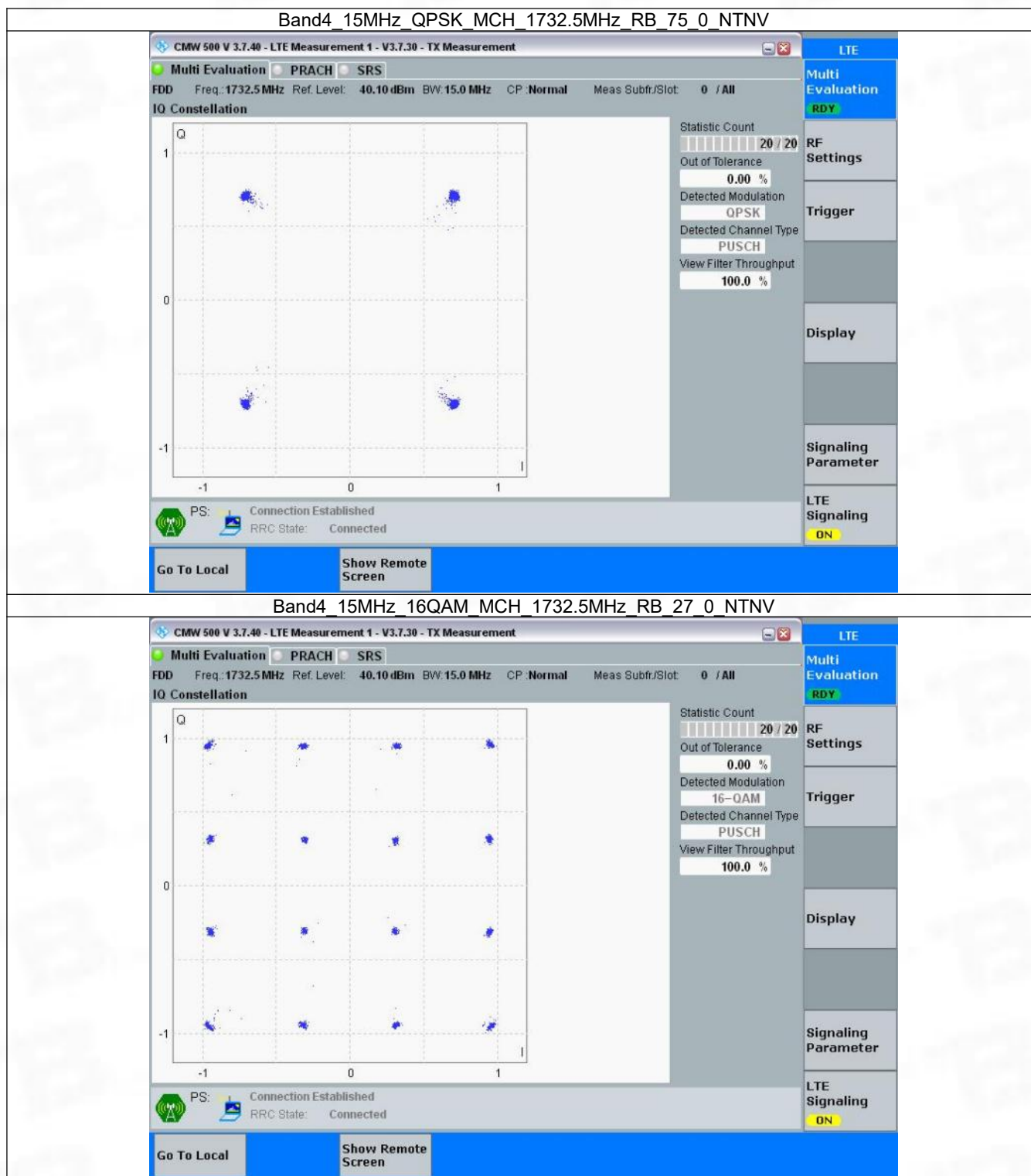
3.2.3 B4_5MHz



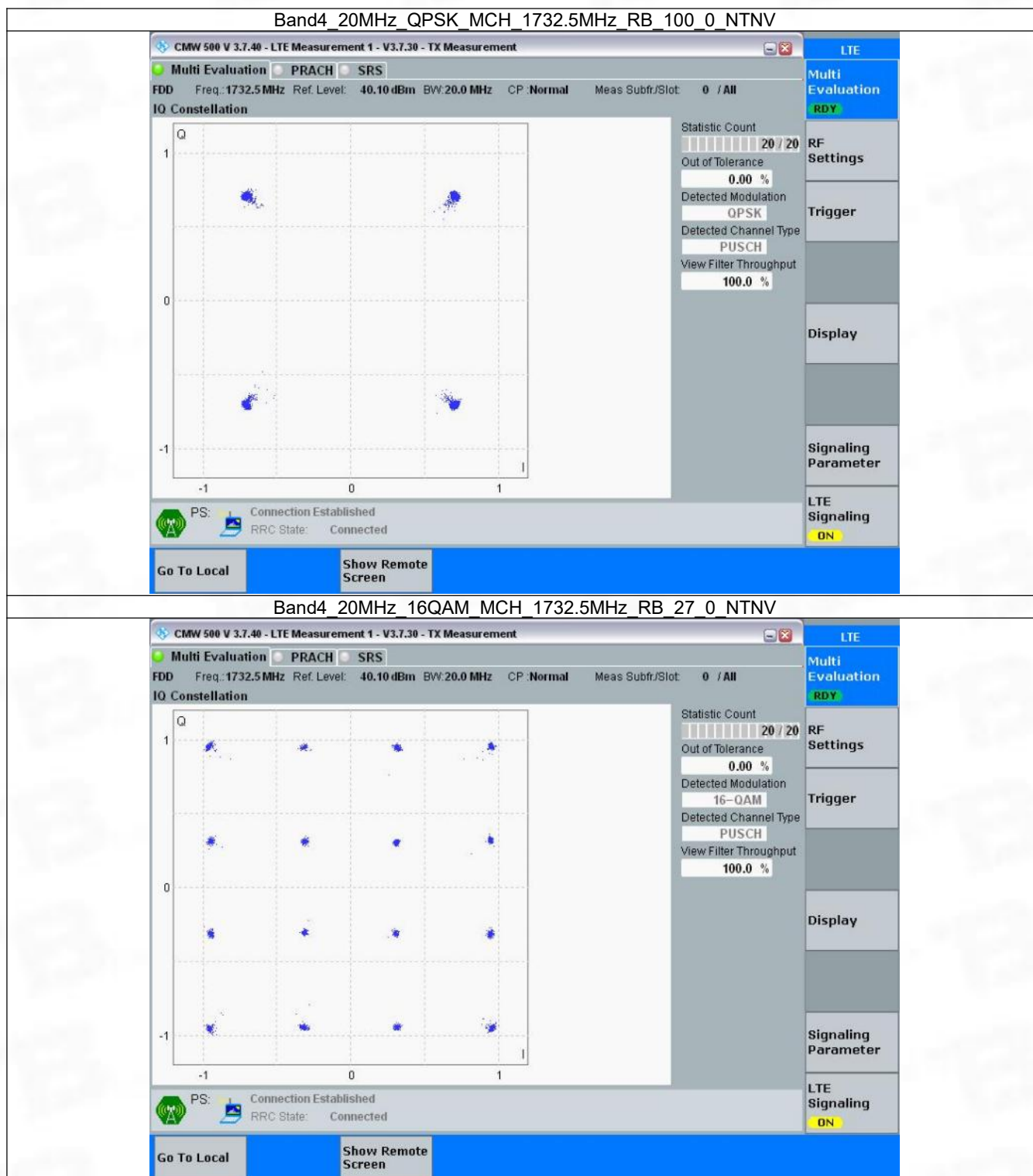
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.123	/	Pass
	16QAM	1710.7	6	0	1.105	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.112	/	Pass
3	QPSK	1711.5	15	0	2.745	/	Pass
		1732.5	15	0	2.748	/	Pass
		1753.5	15	0	2.751	/	Pass
	16QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.739	/	Pass
		1753.5	15	0	2.731	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1732.5	25	0	4.557	/	Pass
		1752.5	25	0	4.574	/	Pass
	16QAM	1712.5	25	0	4.564	/	Pass
		1732.5	25	0	4.580	/	Pass
		1752.5	25	0	4.540	/	Pass
10	QPSK	1715	50	0	9.018	/	Pass
		1732.5	50	0	9.033	/	Pass
		1750	50	0	9.036	/	Pass
	16QAM	1715	27	0	5.078	/	Pass
		1732.5	27	0	5.074	/	Pass
		1750	27	23	5.085	/	Pass
15	QPSK	1717.5	75	0	13.545	/	Pass
		1732.5	75	0	13.518	/	Pass
		1747.5	75	0	13.471	/	Pass
	16QAM	1717.5	27	0	5.246	/	Pass
		1732.5	27	0	5.296	/	Pass
		1747.5	27	48	5.278	/	Pass
20	QPSK	1720	100	0	17.975	/	Pass
		1732.5	100	0	17.972	/	Pass
		1745	100	0	17.997	/	Pass
	16QAM	1720	27	0	5.514	/	Pass
		1732.5	27	0	5.510	/	Pass
		1745	27	73	5.541	/	Pass

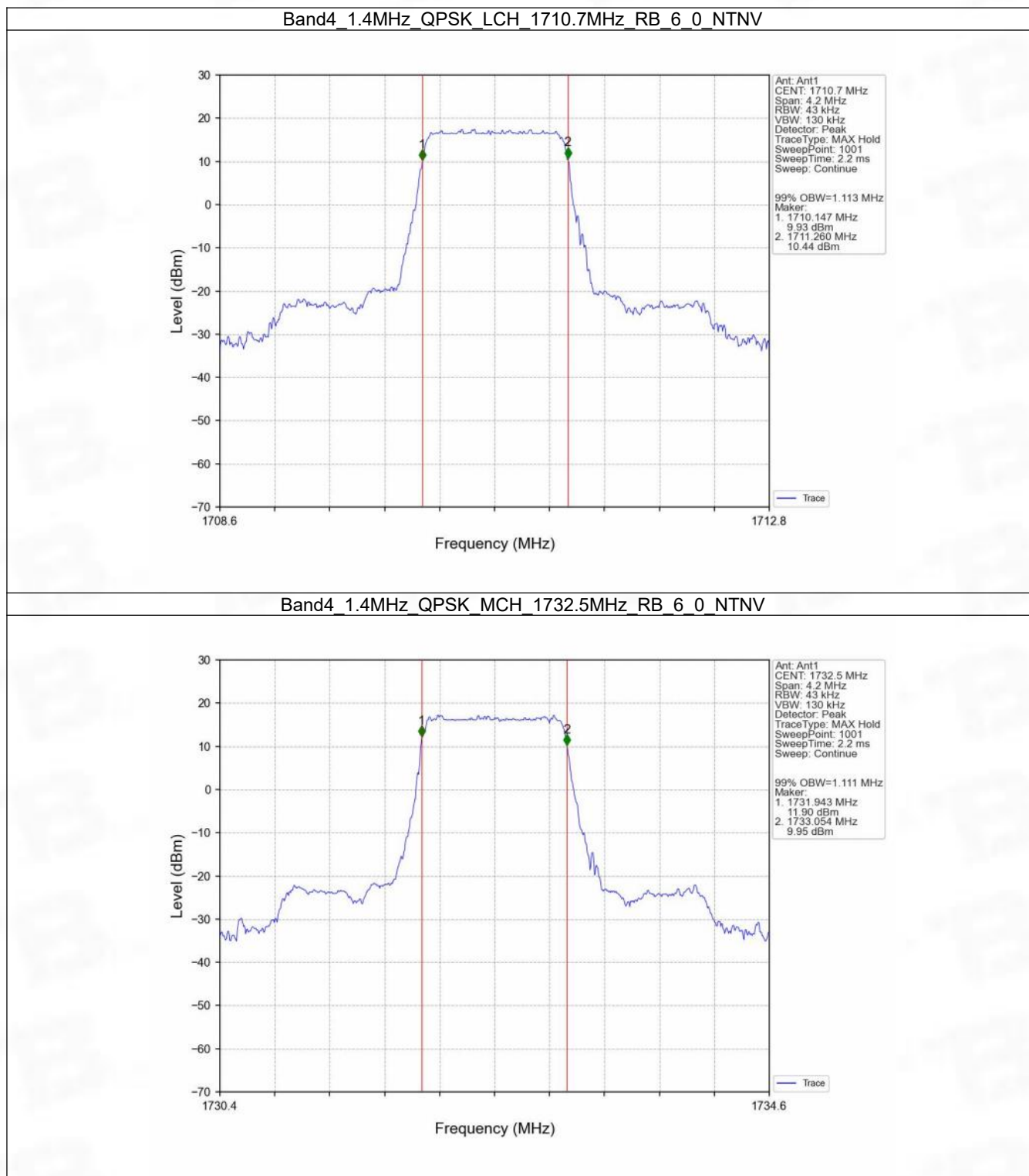
4.1.2 Band4_XDB

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	1.342	/	Pass
		1732.5	6	0	1.305	/	Pass
		1754.3	6	0	1.335	/	Pass

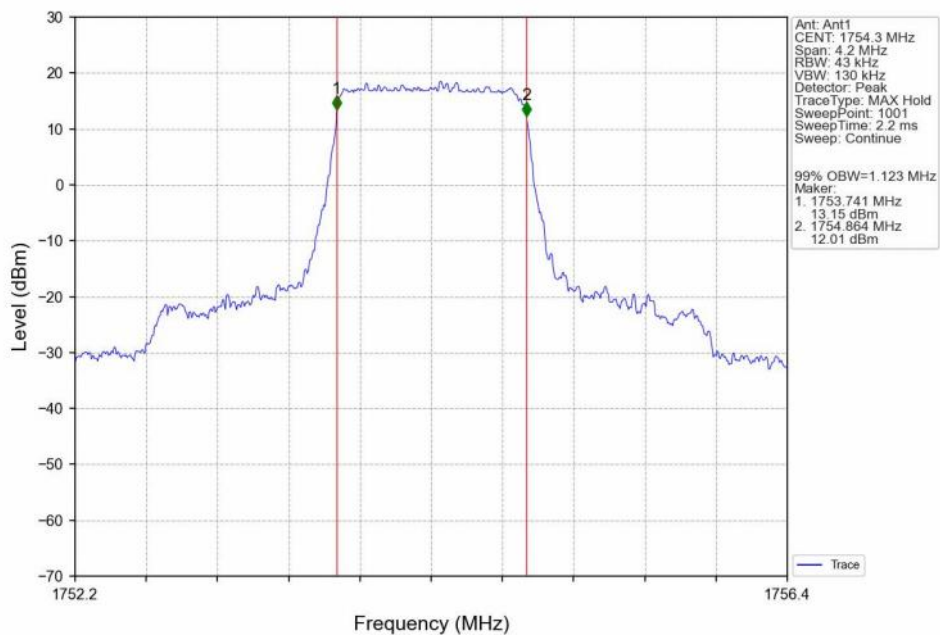
	16QAM	1710.7	6	0	1.294	/	Pass
		1732.5	6	0	1.351	/	Pass
		1754.3	6	0	1.345	/	Pass
3	QPSK	1711.5	15	0	3.053	/	Pass
		1732.5	15	0	3.044	/	Pass
		1753.5	15	0	3.062	/	Pass
	16QAM	1711.5	15	0	3.051	/	Pass
		1732.5	15	0	3.045	/	Pass
		1753.5	15	0	3.044	/	Pass
5	QPSK	1712.5	25	0	5.105	/	Pass
		1732.5	25	0	5.096	/	Pass
		1752.5	25	0	5.084	/	Pass
	16QAM	1712.5	25	0	5.100	/	Pass
		1732.5	25	0	5.067	/	Pass
		1752.5	25	0	5.067	/	Pass
10	QPSK	1715	50	0	10.095	/	Pass
		1732.5	50	0	9.979	/	Pass
		1750	50	0	10.086	/	Pass
	16QAM	1715	27	0	5.980	/	Pass
		1732.5	27	0	6.001	/	Pass
		1750	27	23	5.911	/	Pass
15	QPSK	1717.5	75	0	14.982	/	Pass
		1732.5	75	0	15.005	/	Pass
		1747.5	75	0	14.821	/	Pass
	16QAM	1717.5	27	0	6.429	/	Pass
		1732.5	27	0	7.447	/	Pass
		1747.5	27	48	6.357	/	Pass
20	QPSK	1720	100	0	19.815	/	Pass
		1732.5	100	0	19.725	/	Pass
		1745	100	0	19.719	/	Pass
	16QAM	1720	27	0	7.965	/	Pass
		1732.5	27	0	7.782	/	Pass
		1745	27	73	8.548	/	Pass

4.2 Test Graph

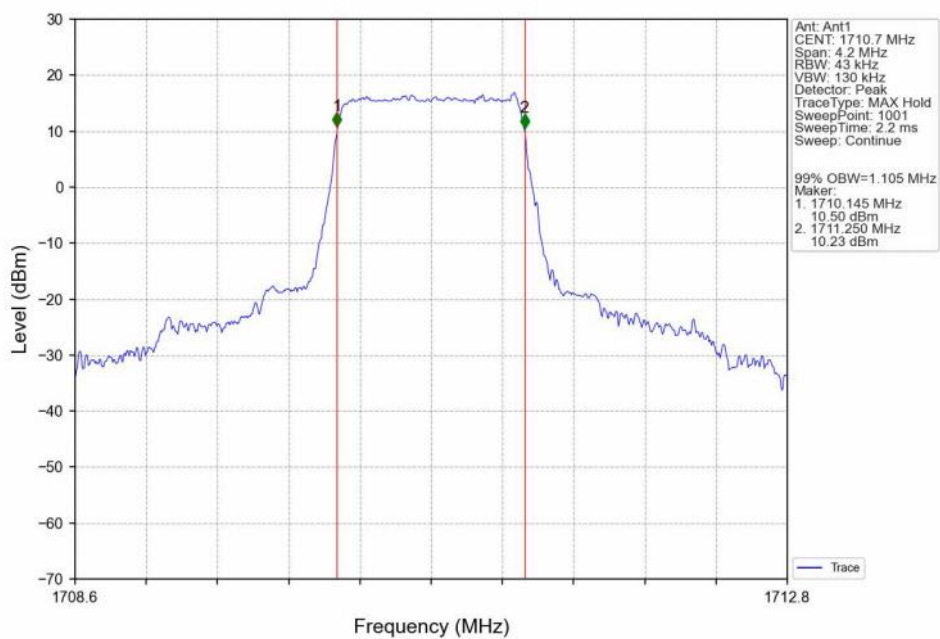
4.2.1 Band4_OBW



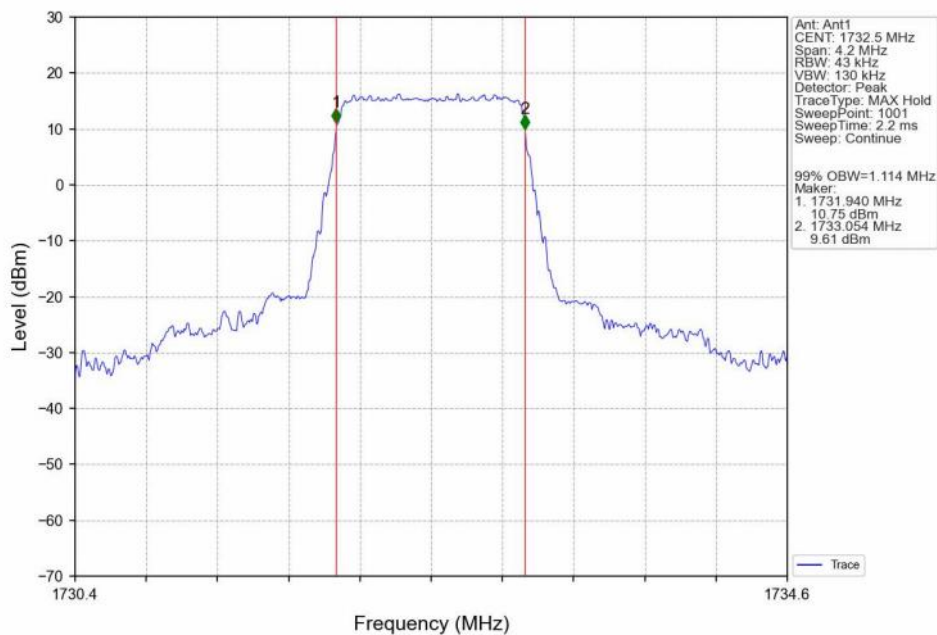
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



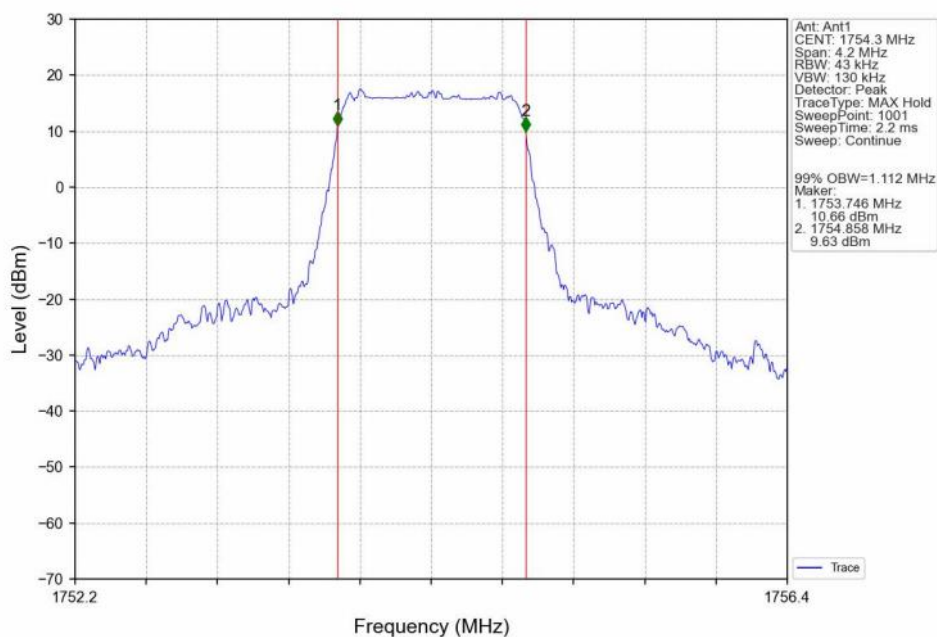
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



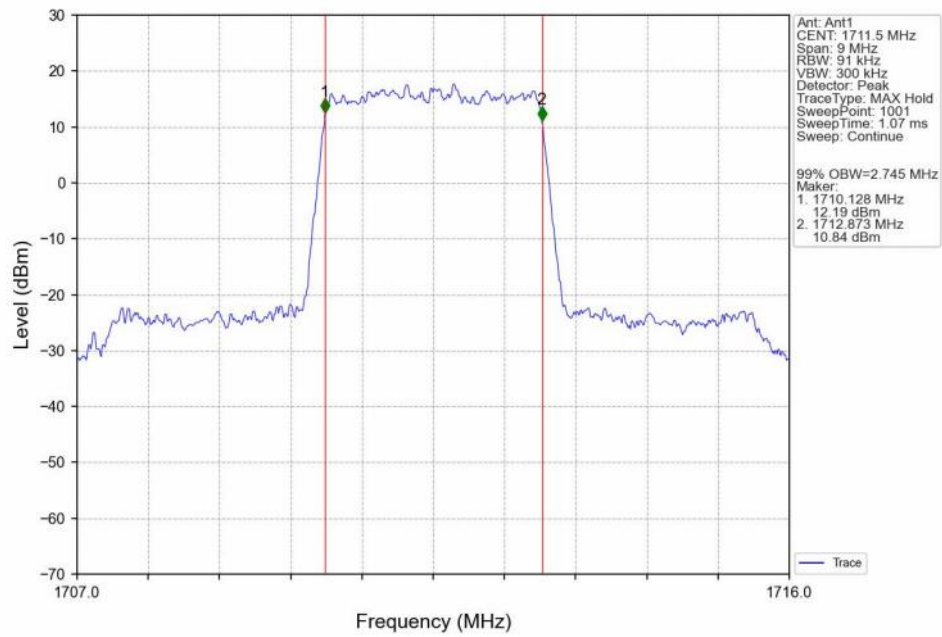
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



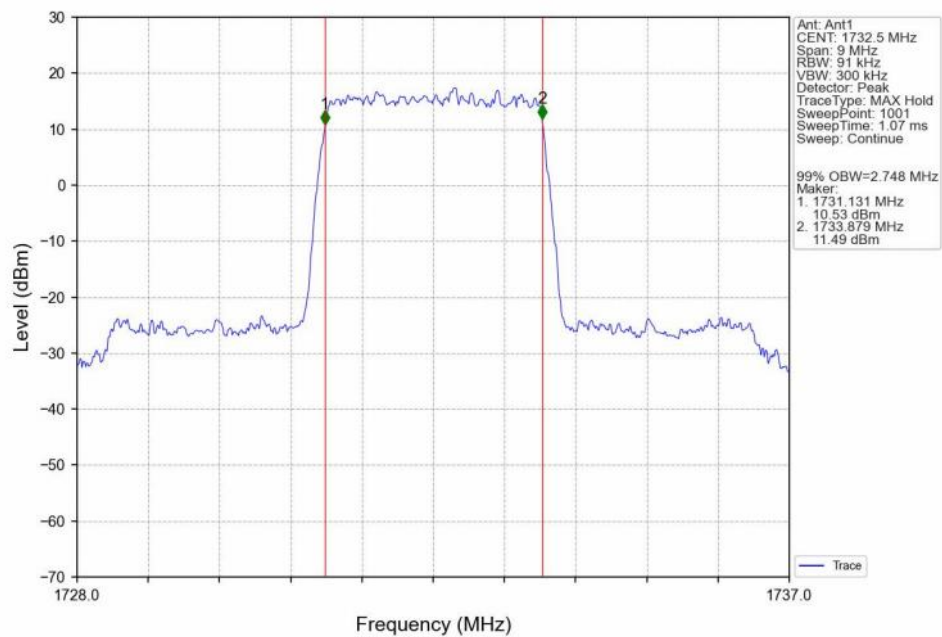
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



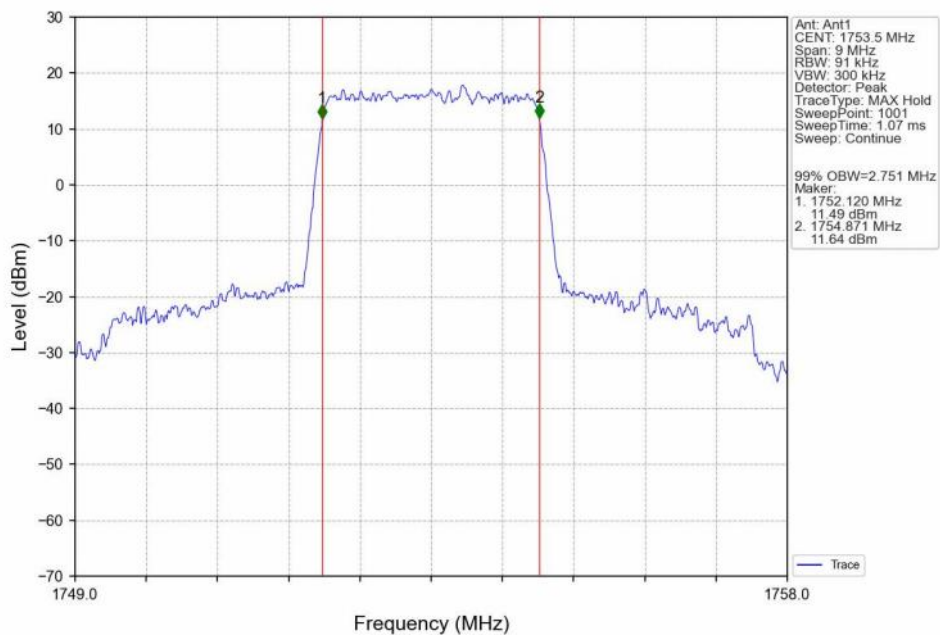
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



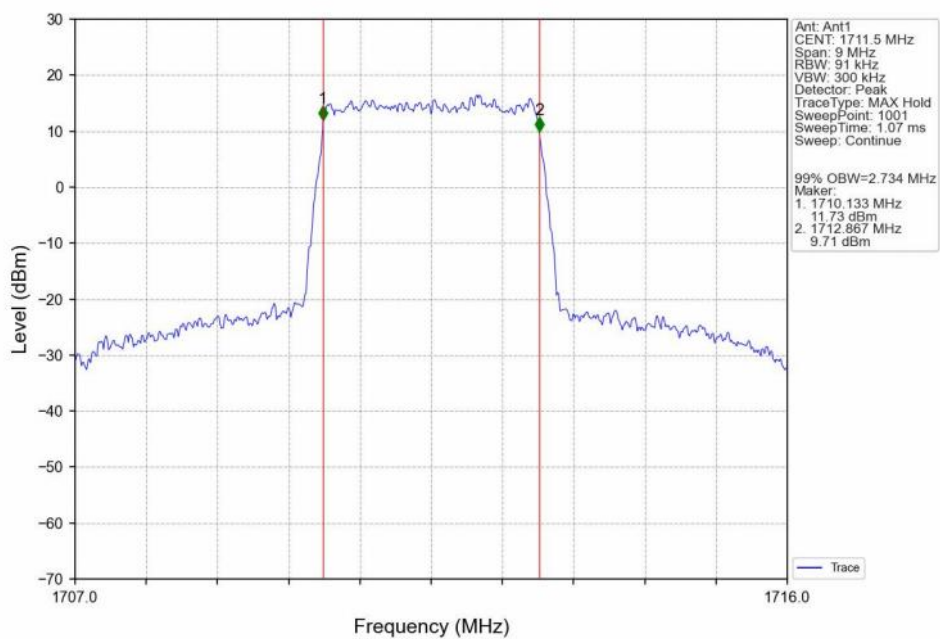
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



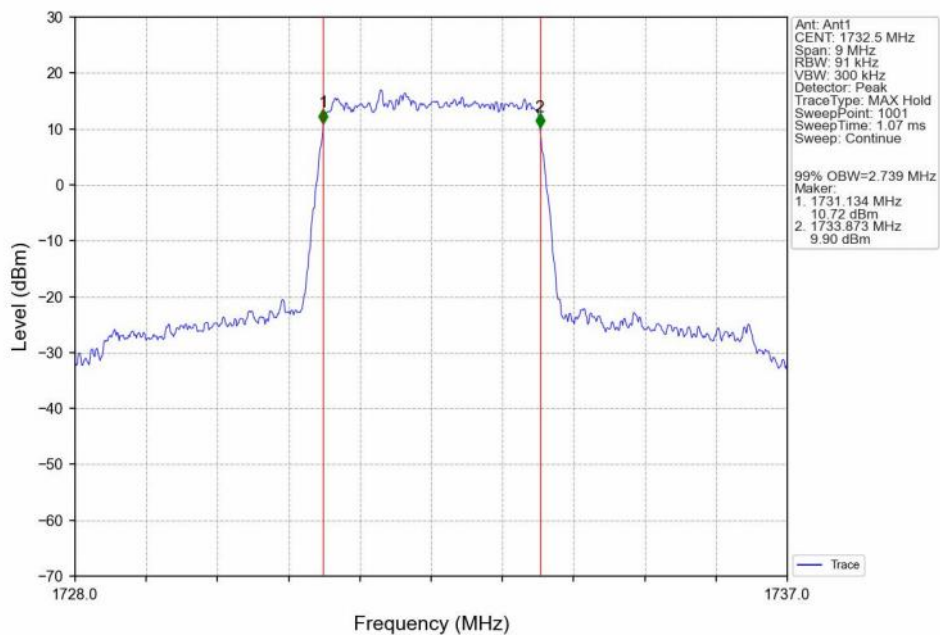
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



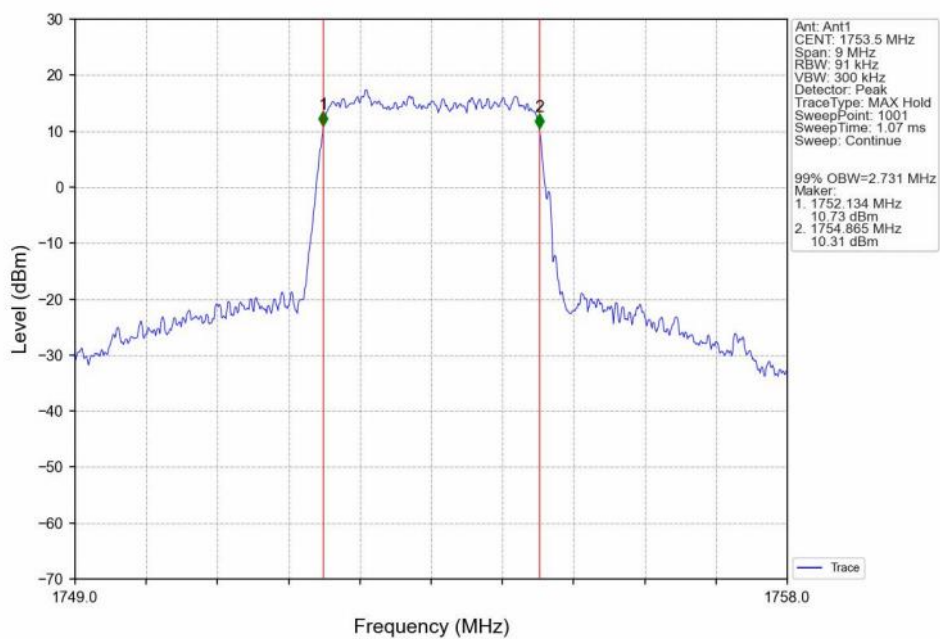
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



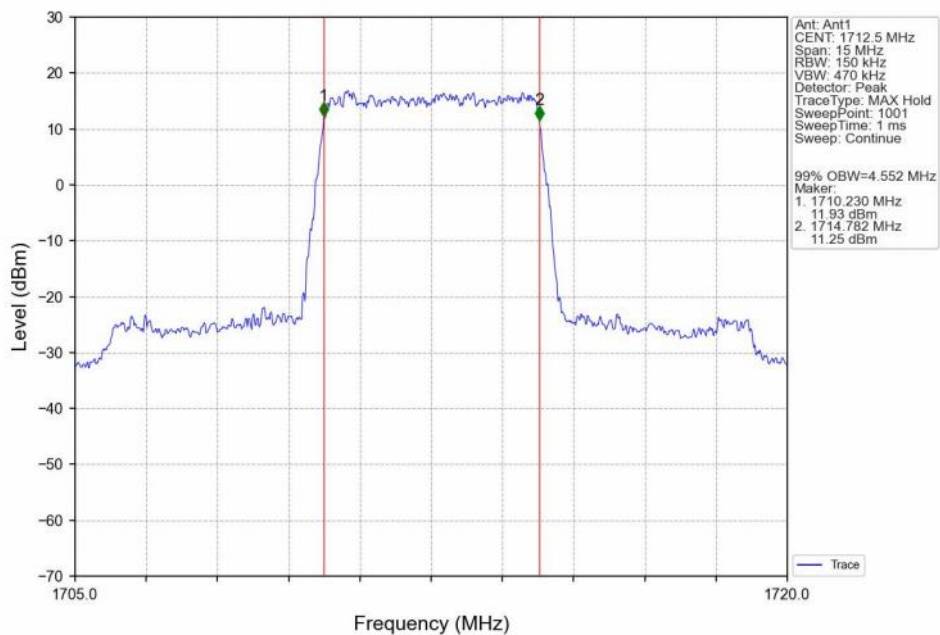
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



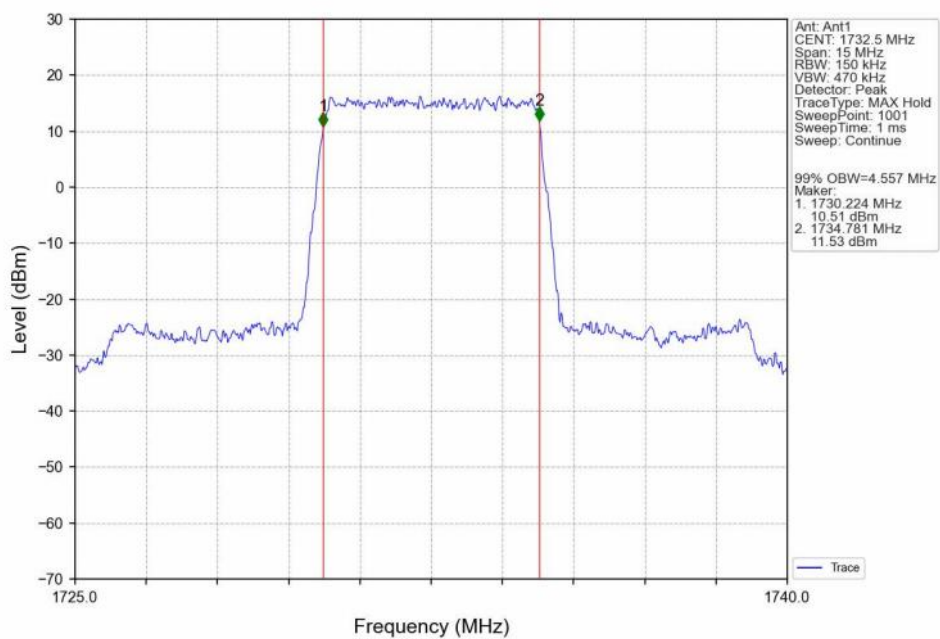
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



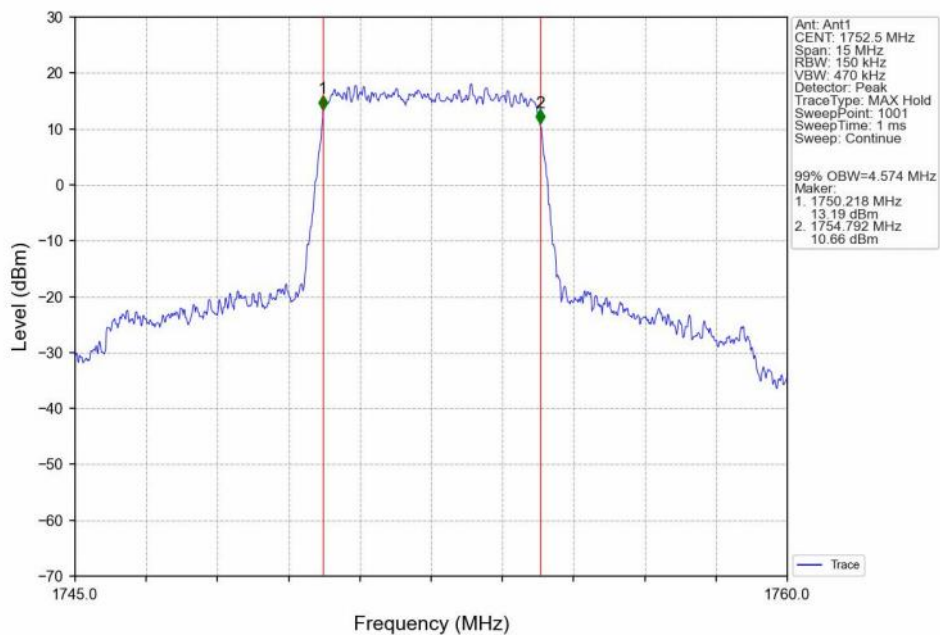
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



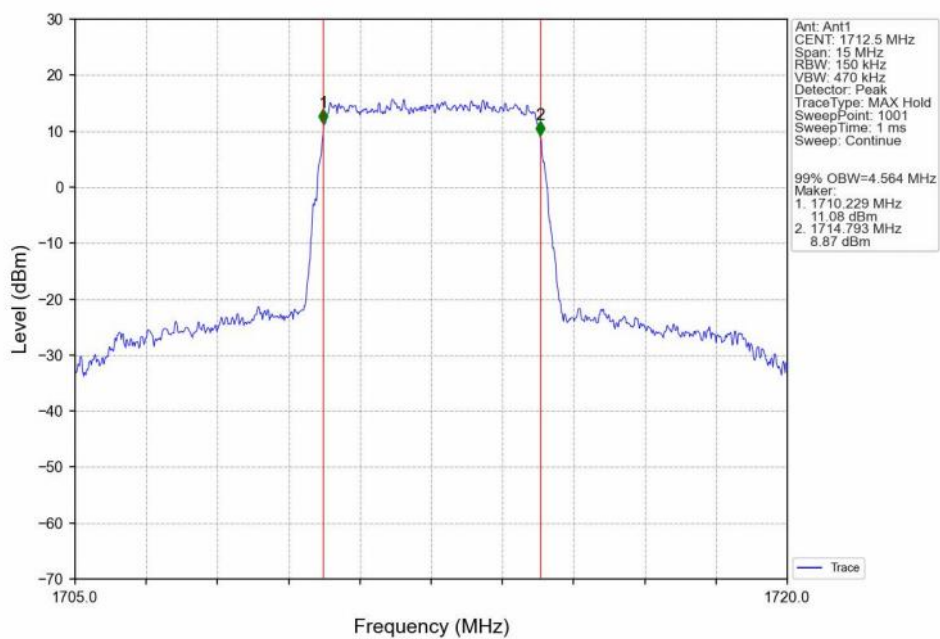
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



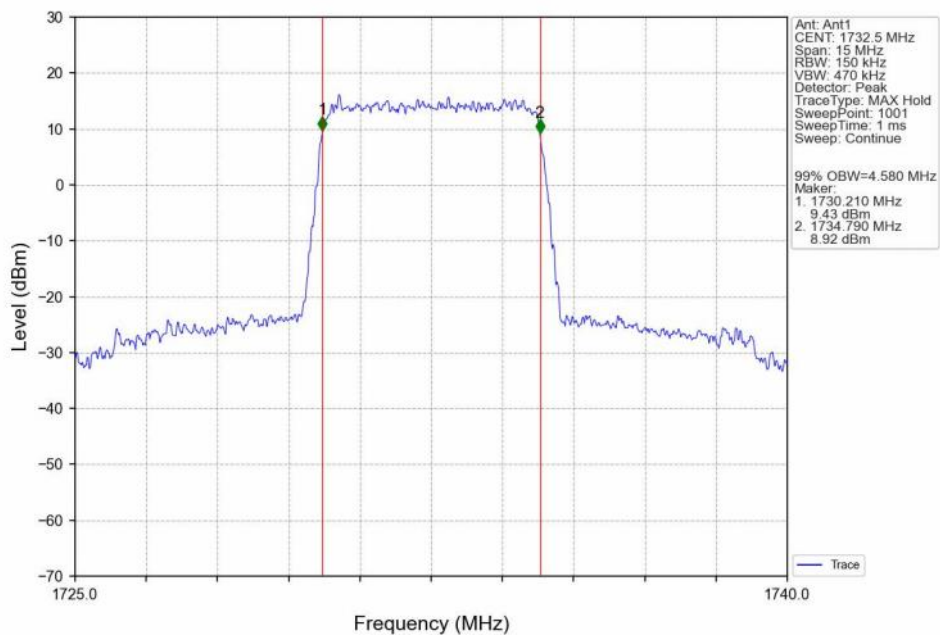
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



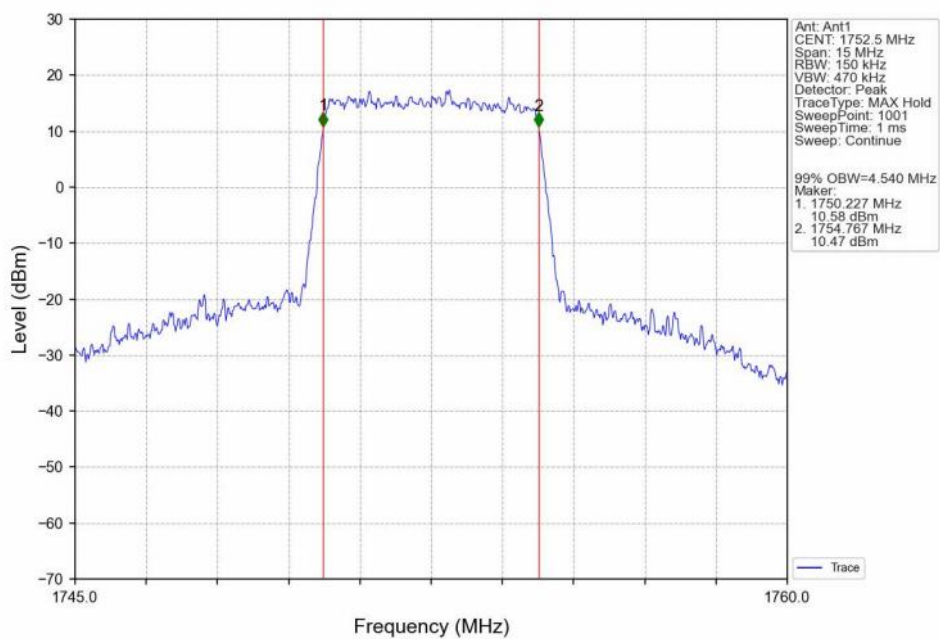
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



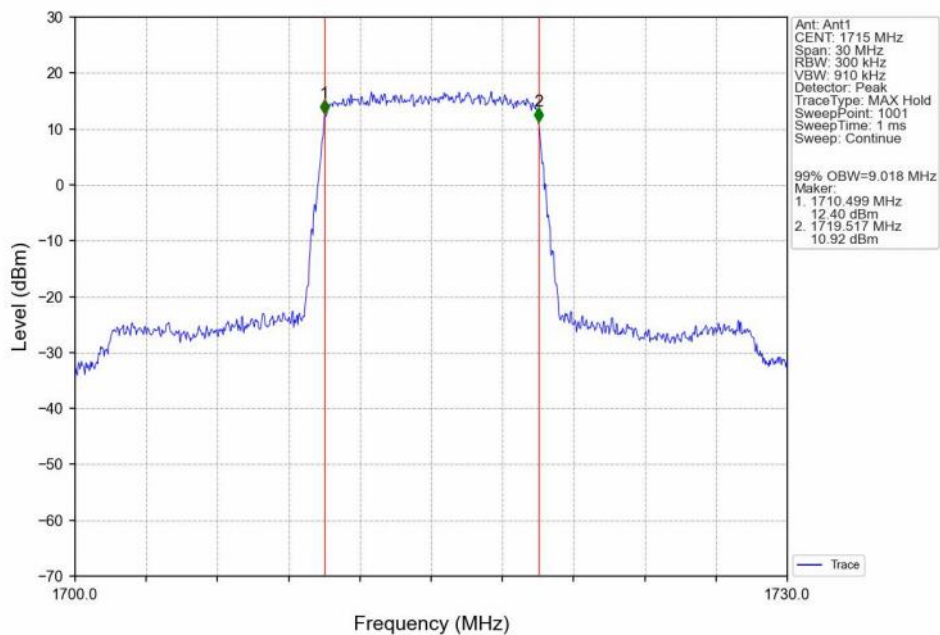
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



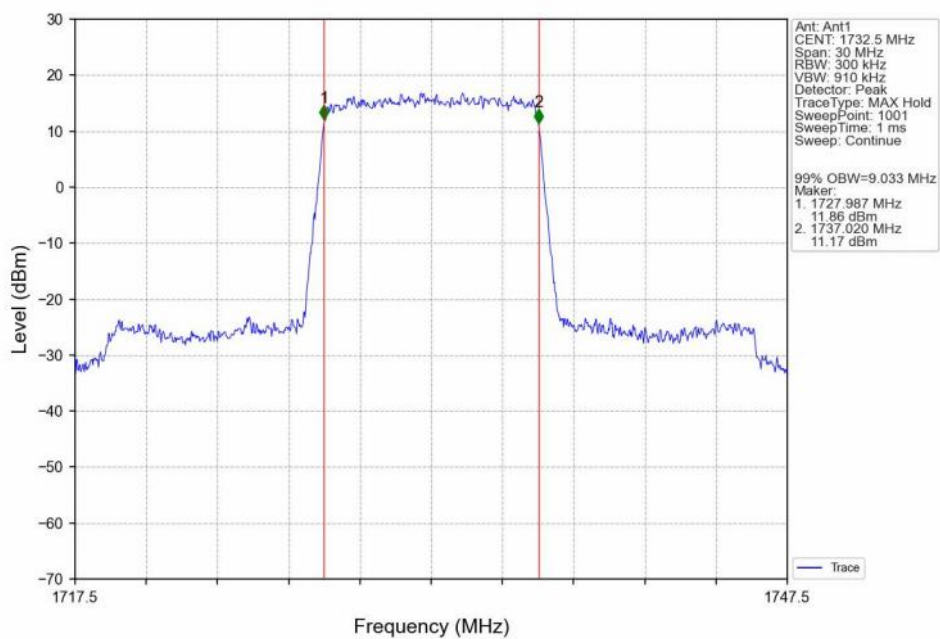
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



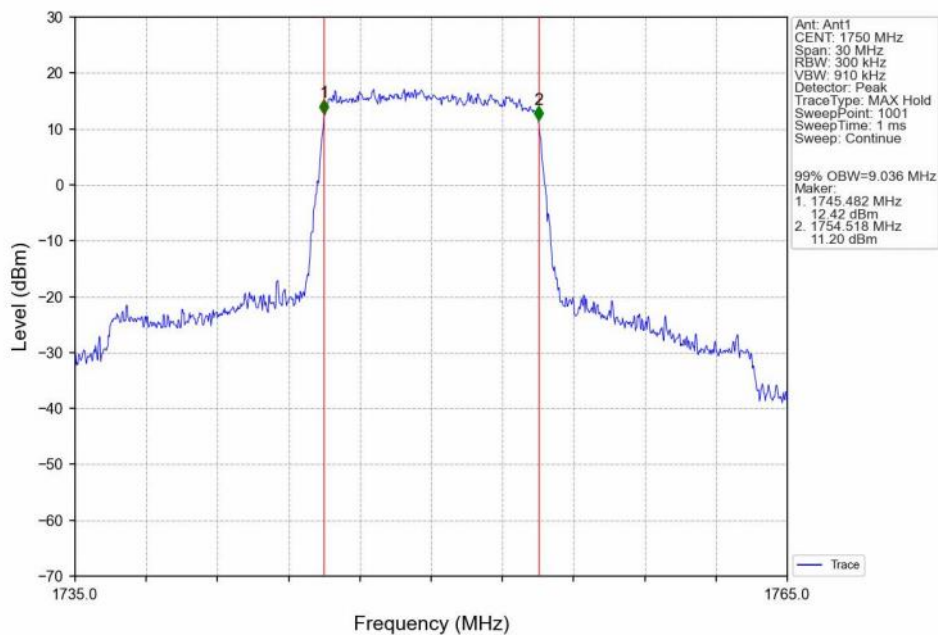
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



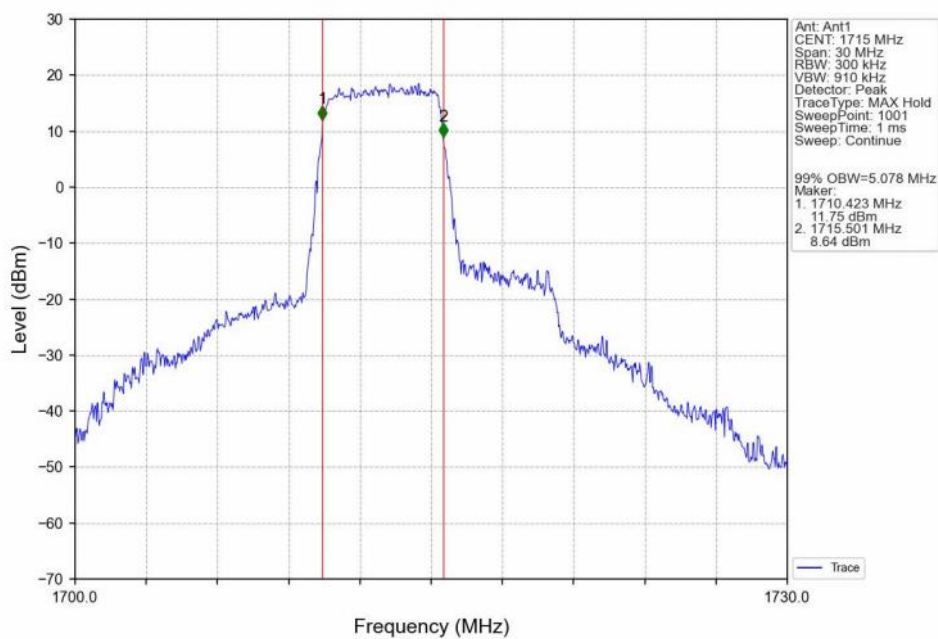
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



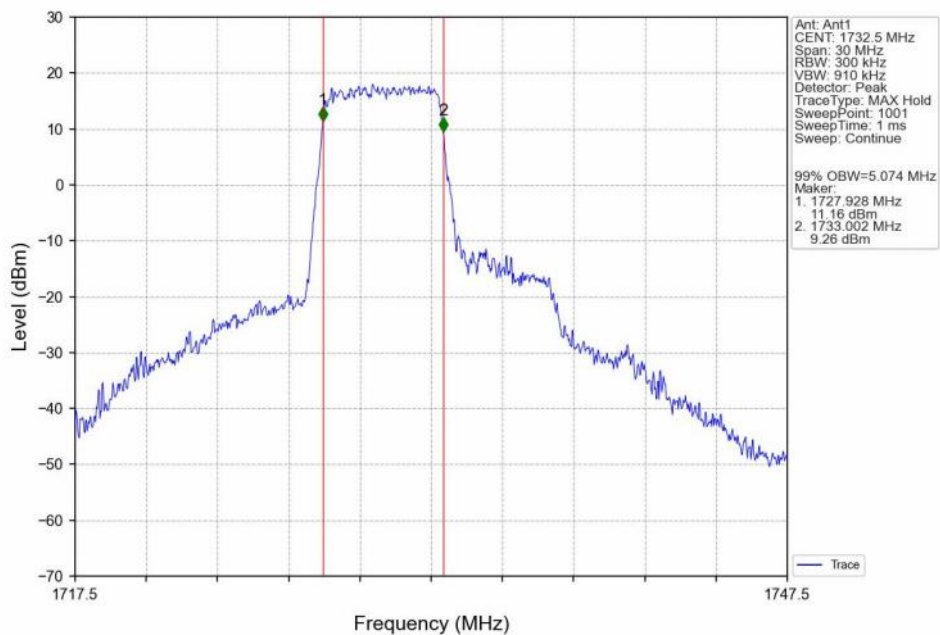
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



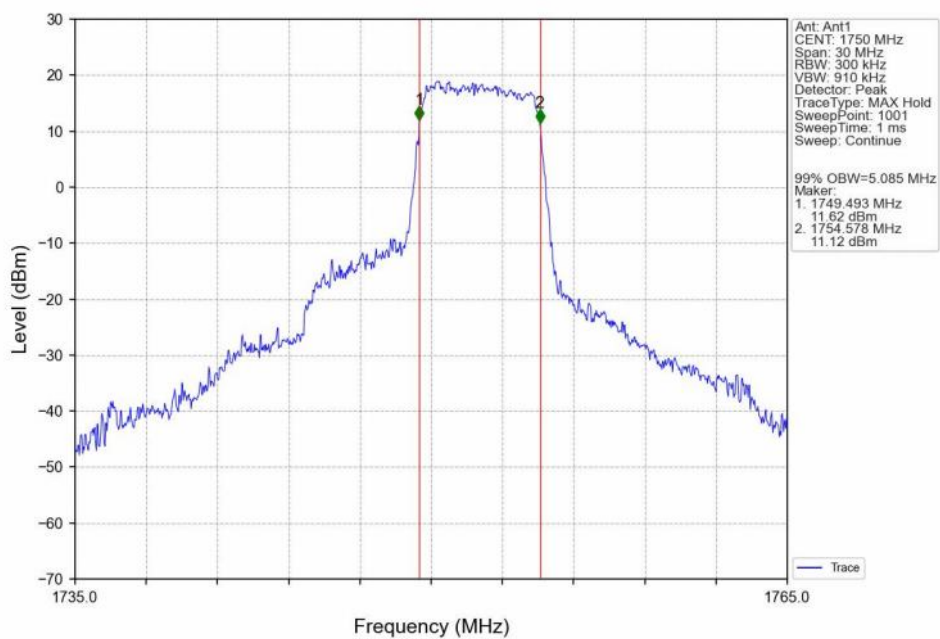
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



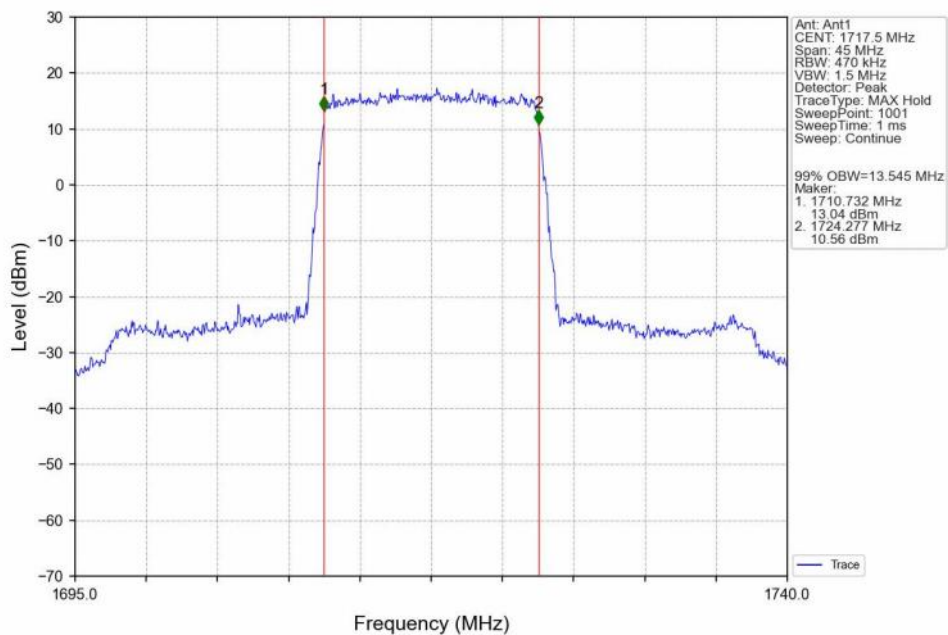
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



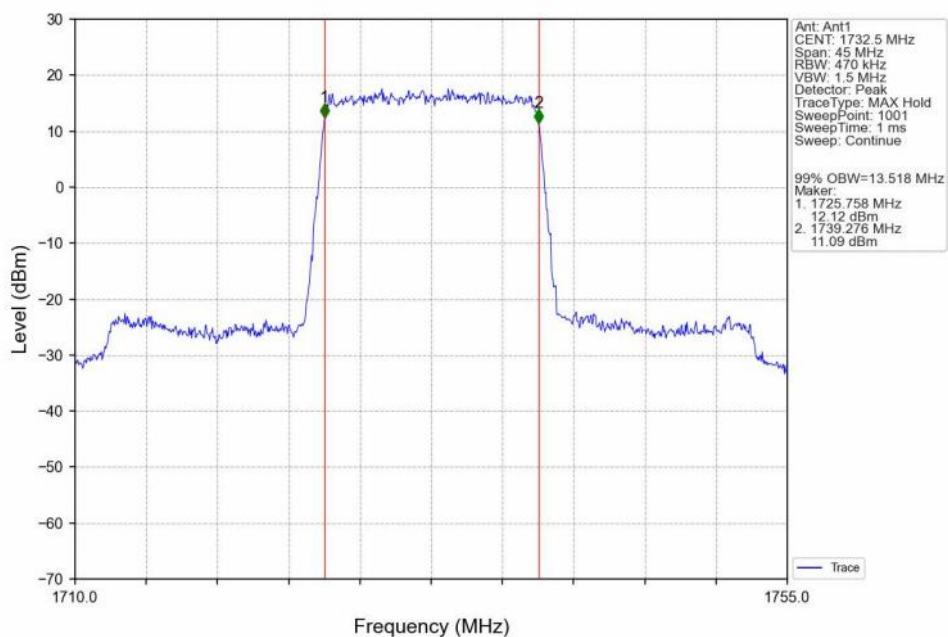
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



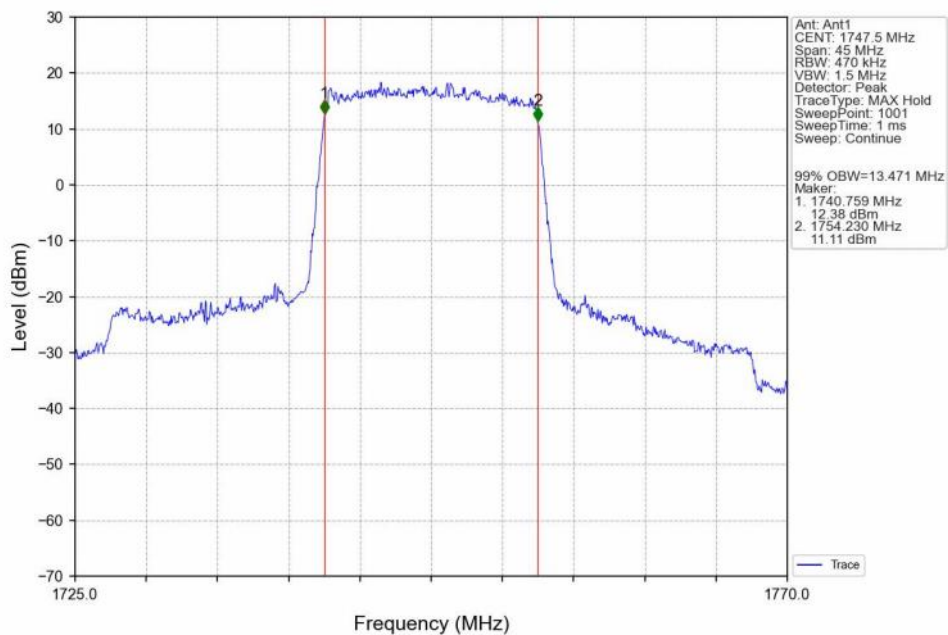
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



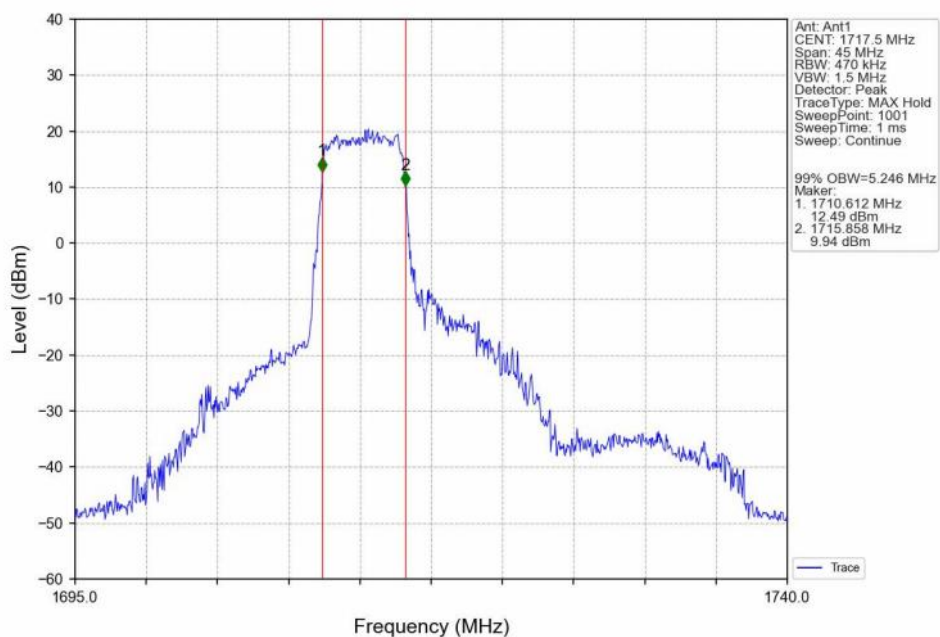
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



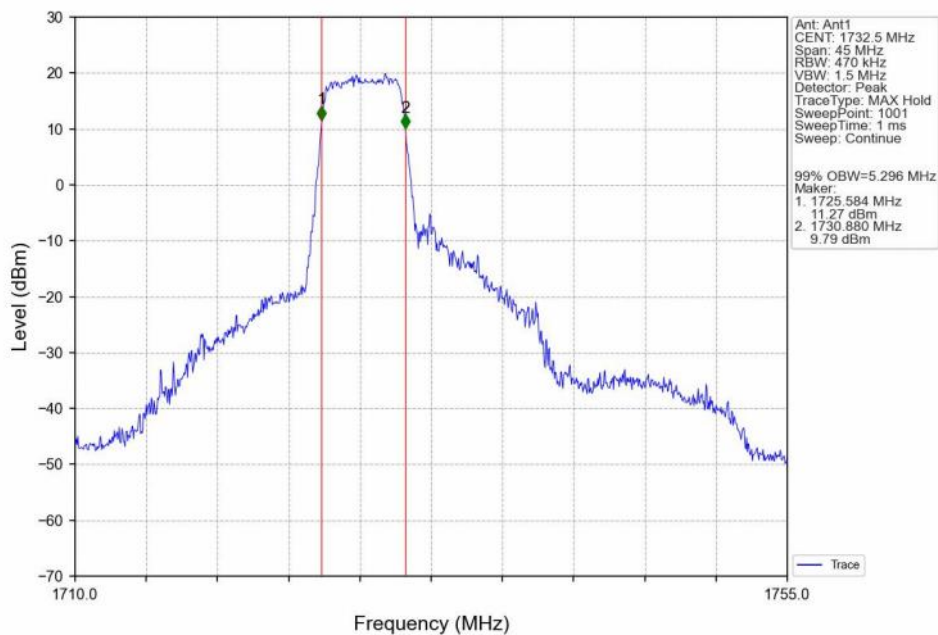
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



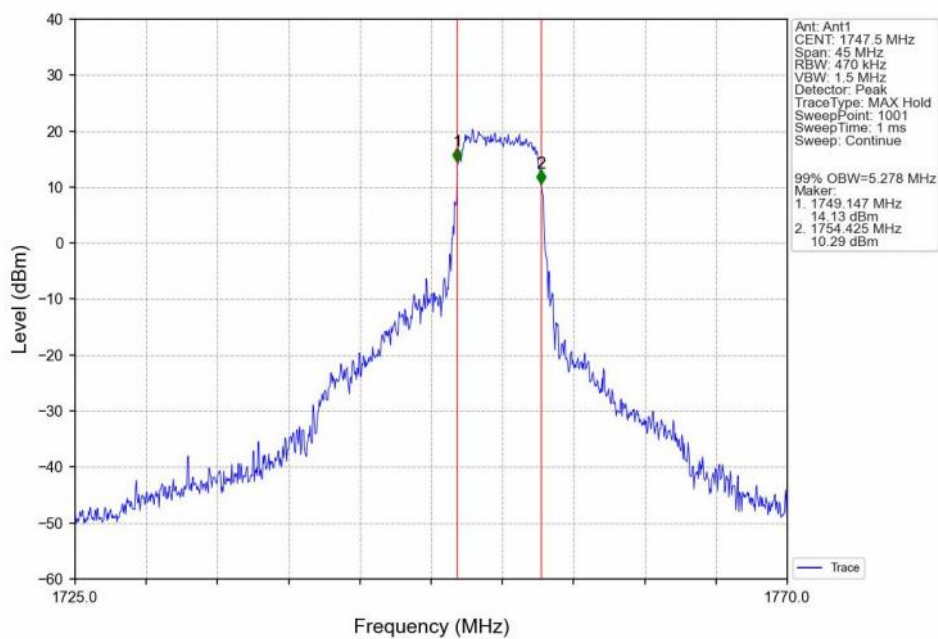
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



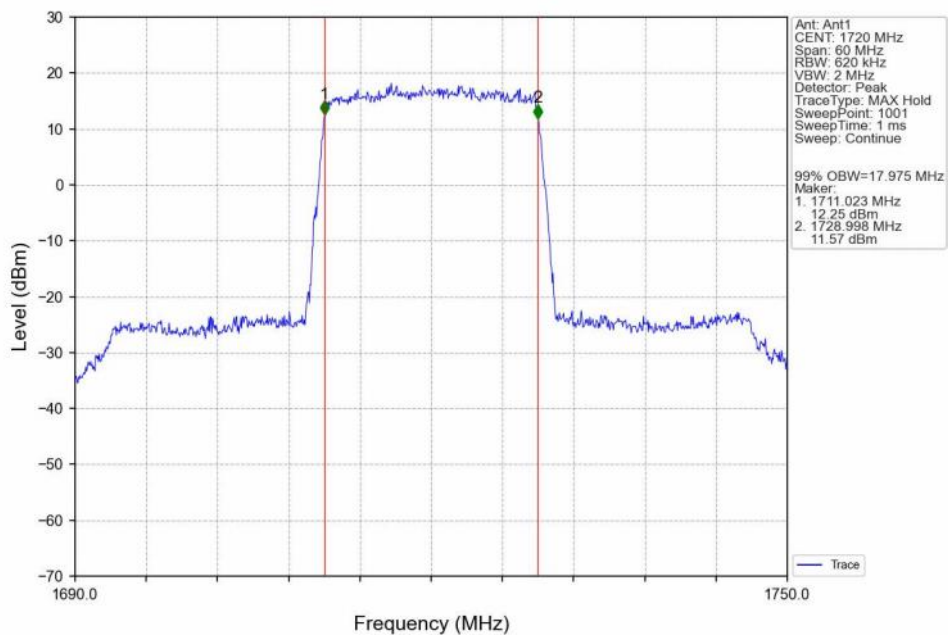
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



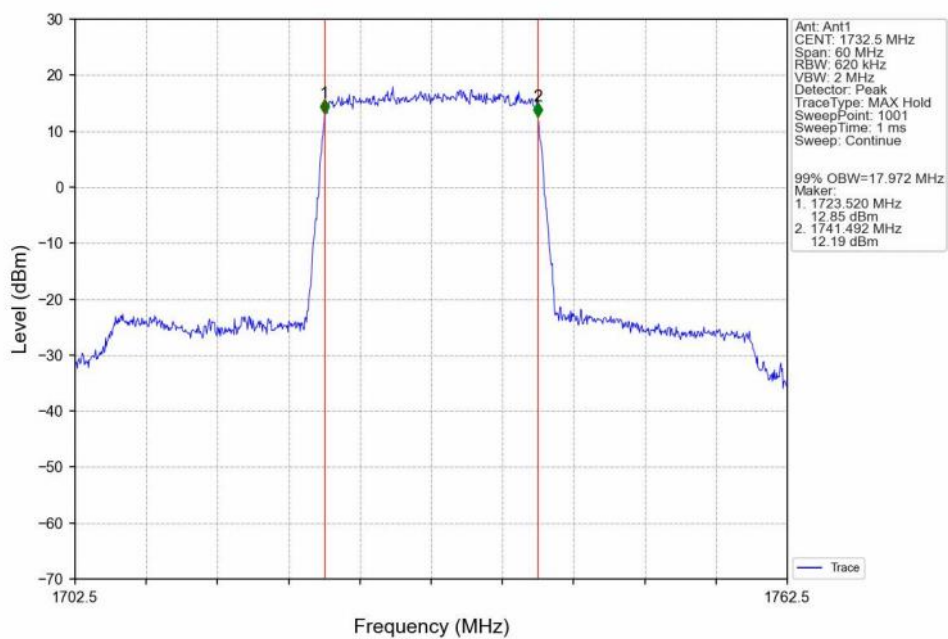
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



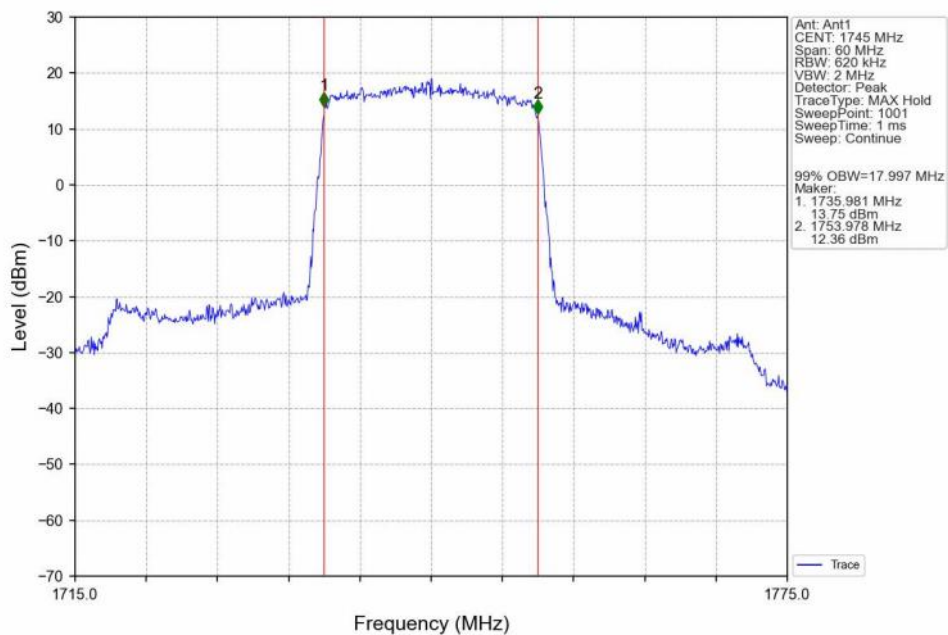
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



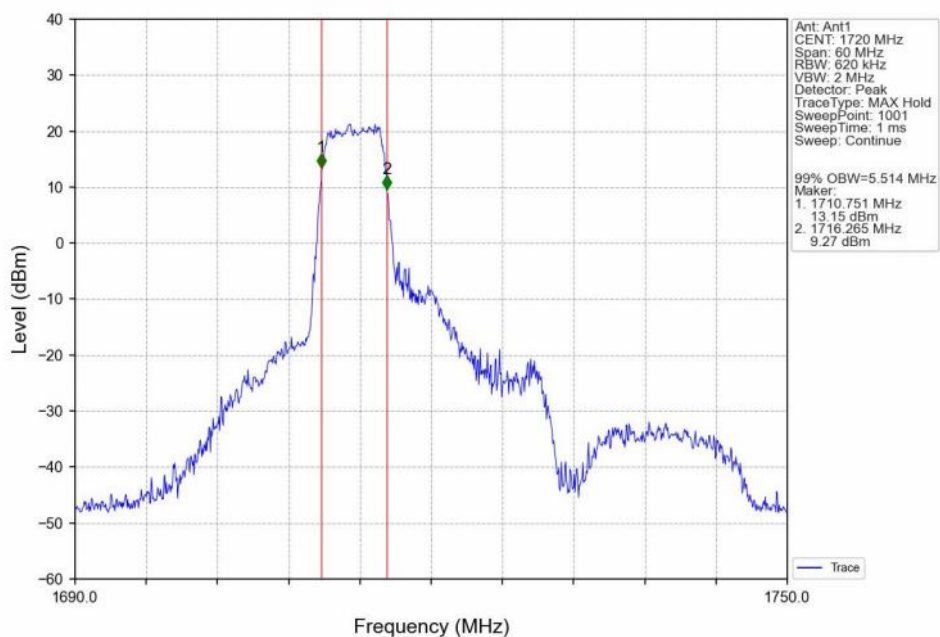
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



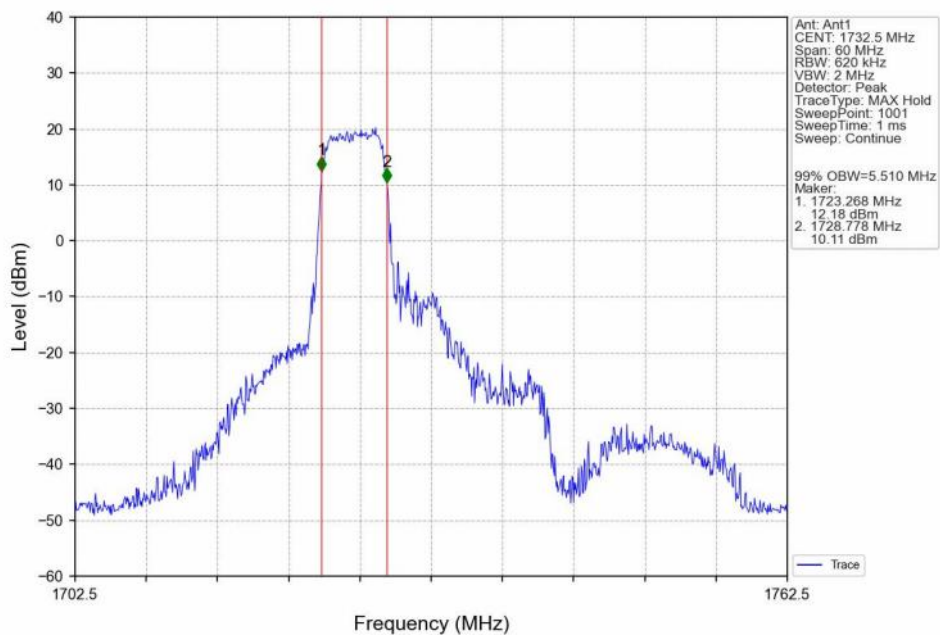
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



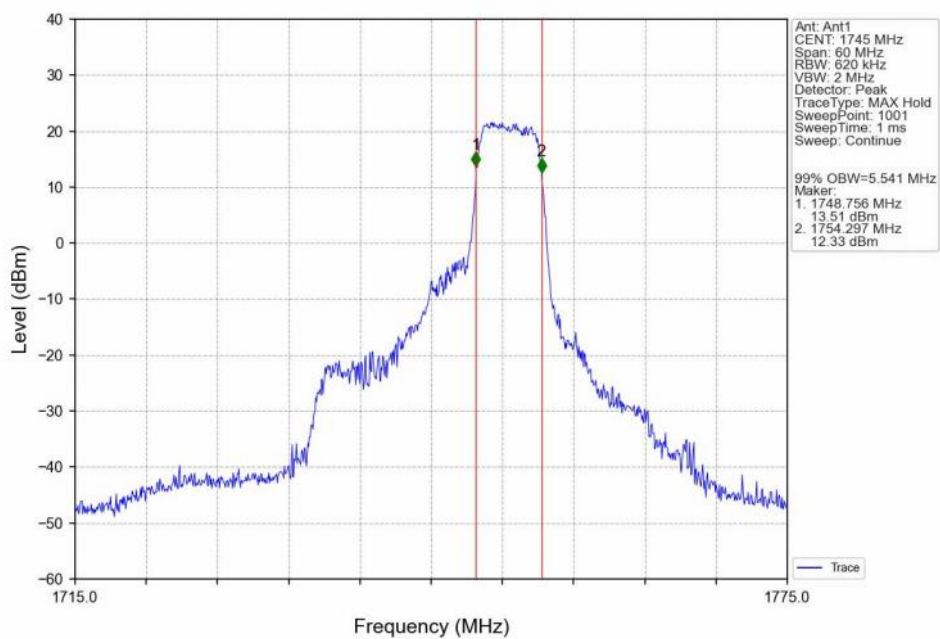
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



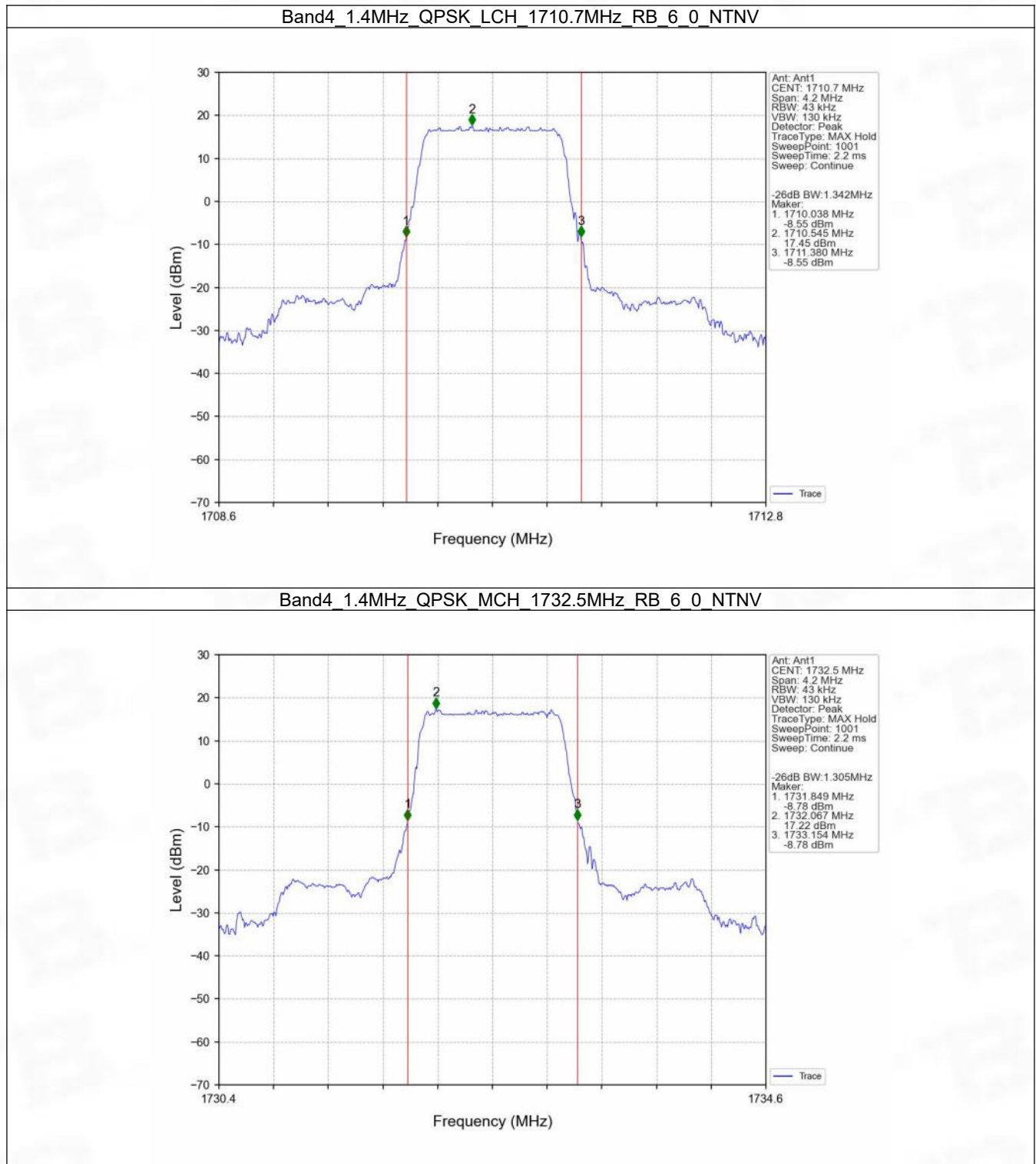
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



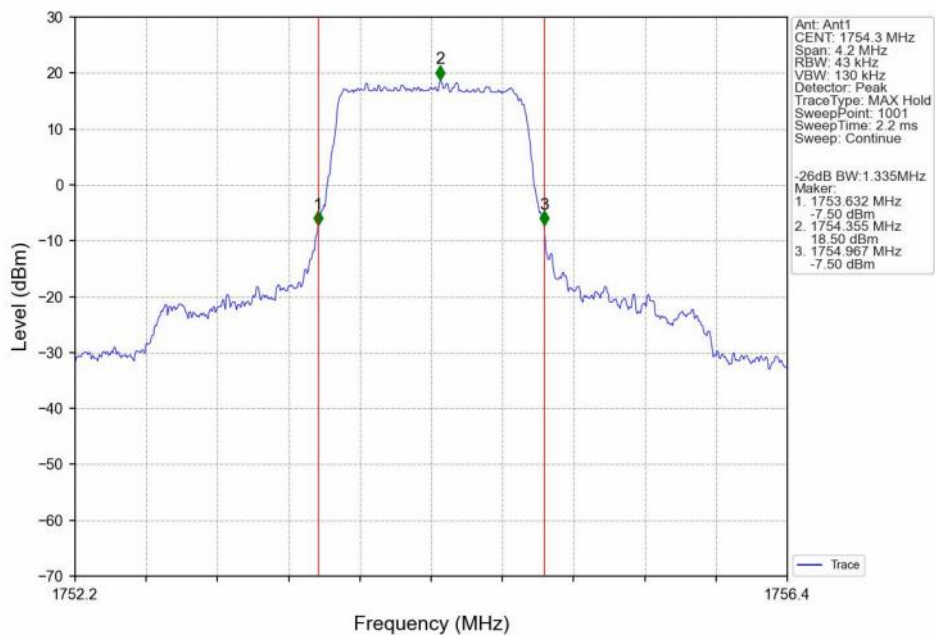
Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



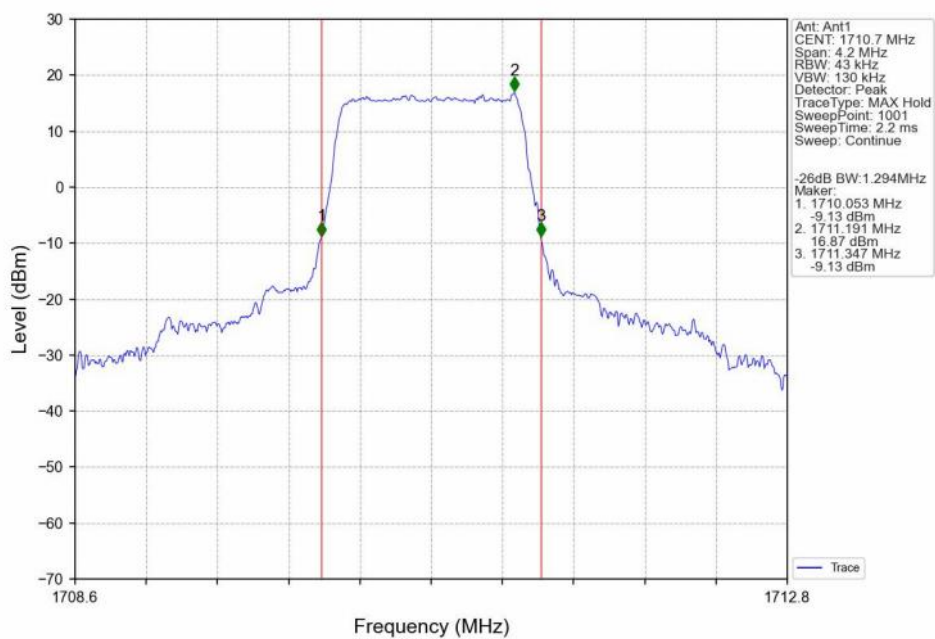
4.2.2 Band4_XDB



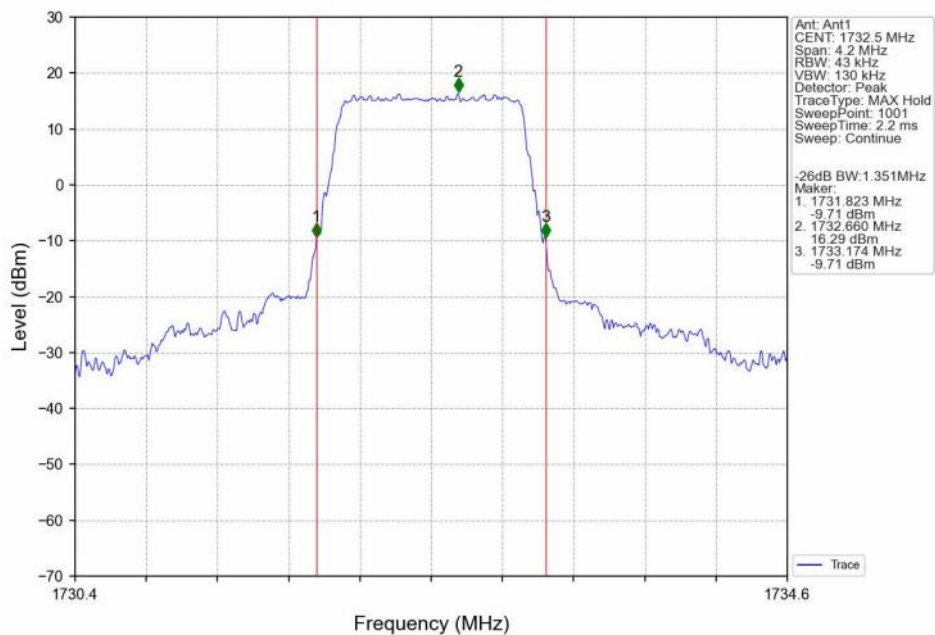
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



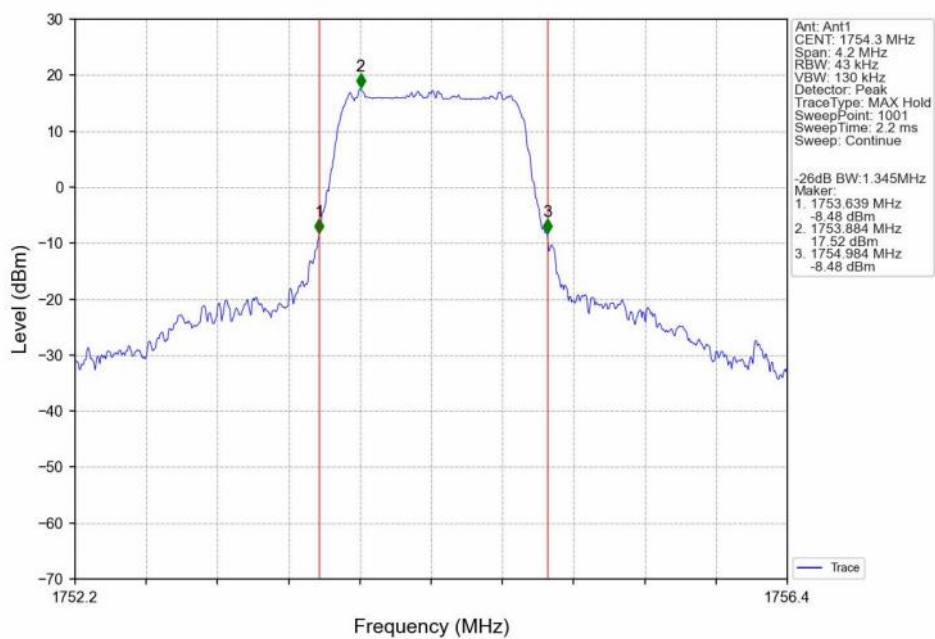
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



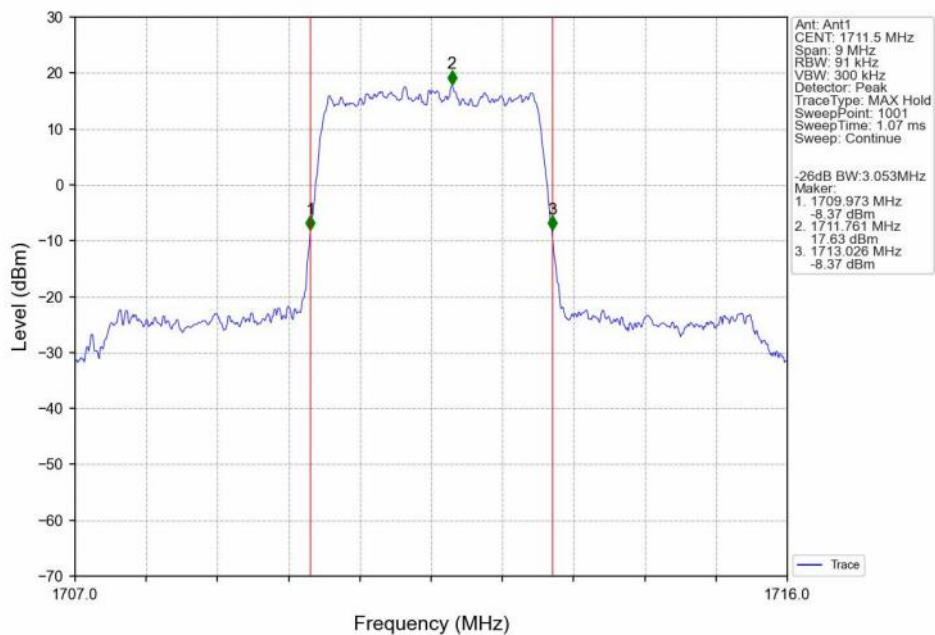
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



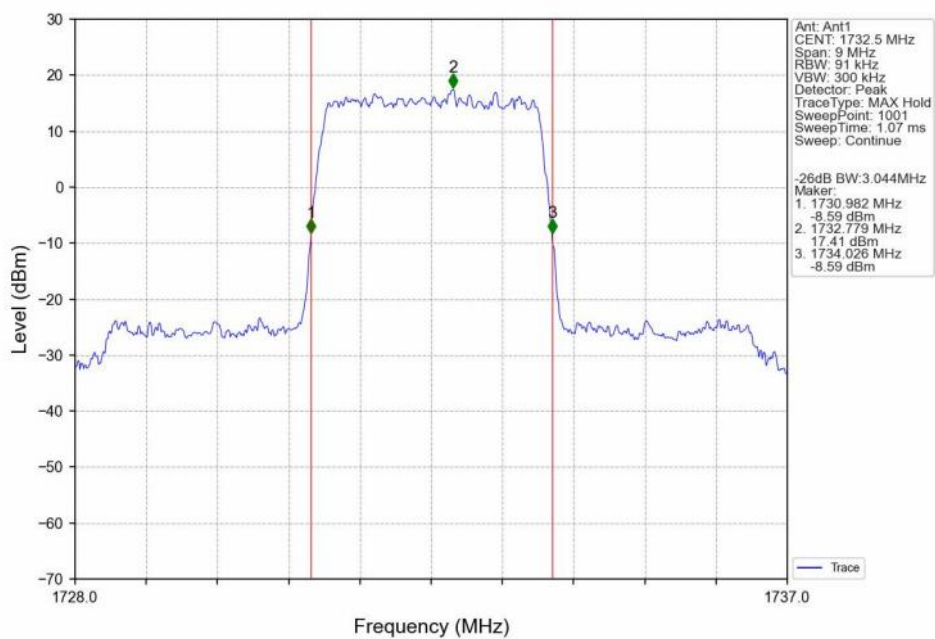
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



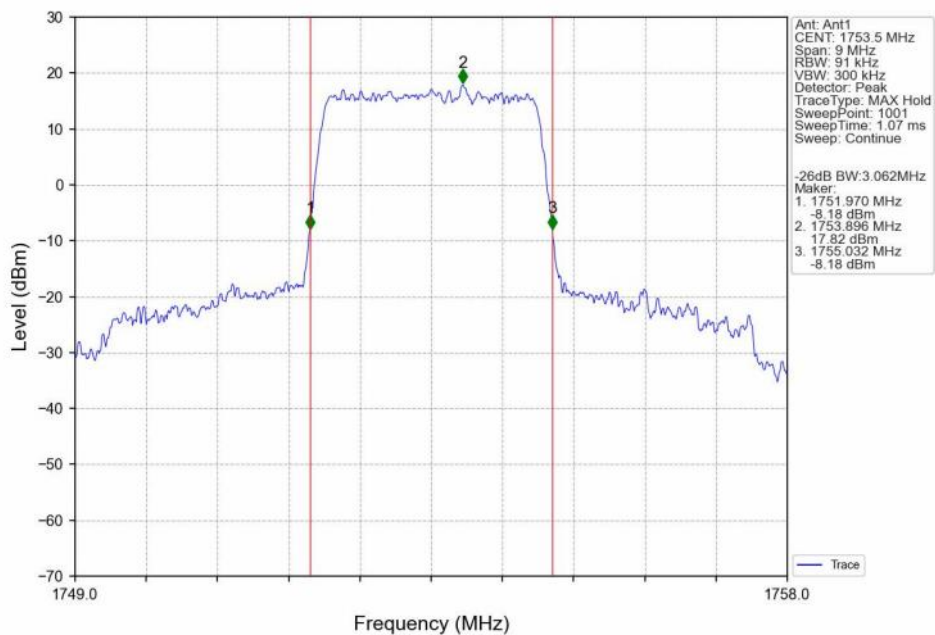
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



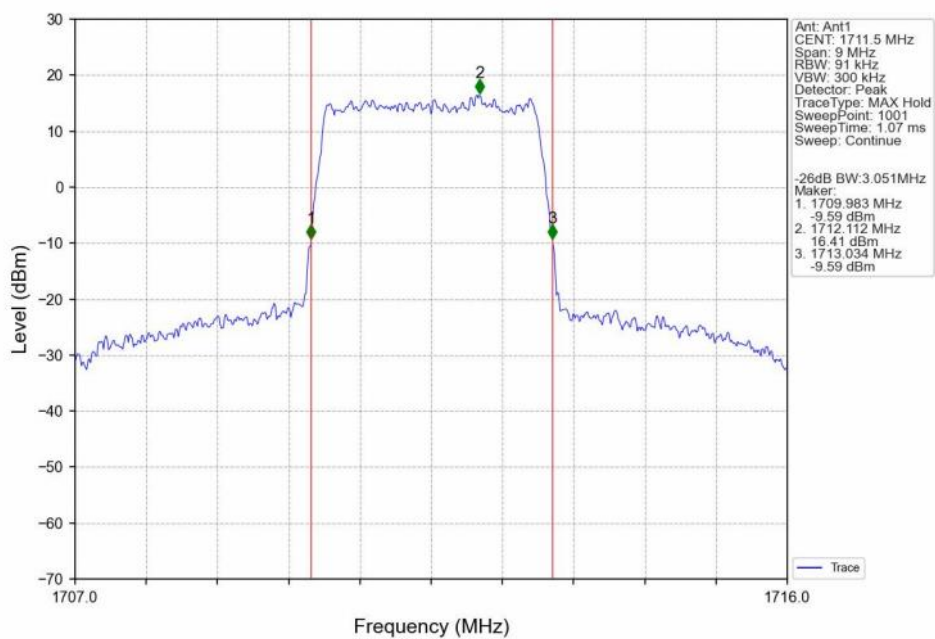
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



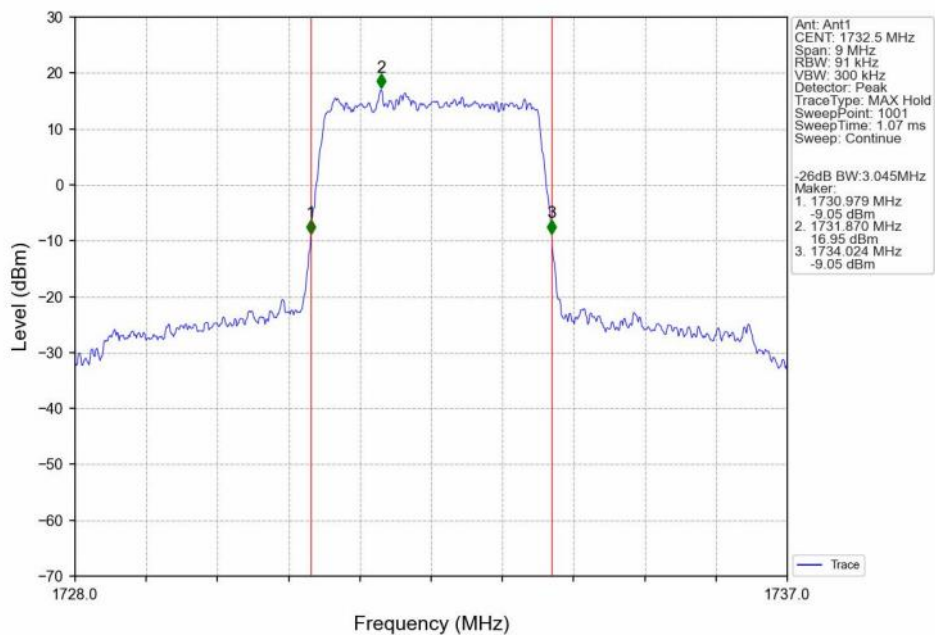
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



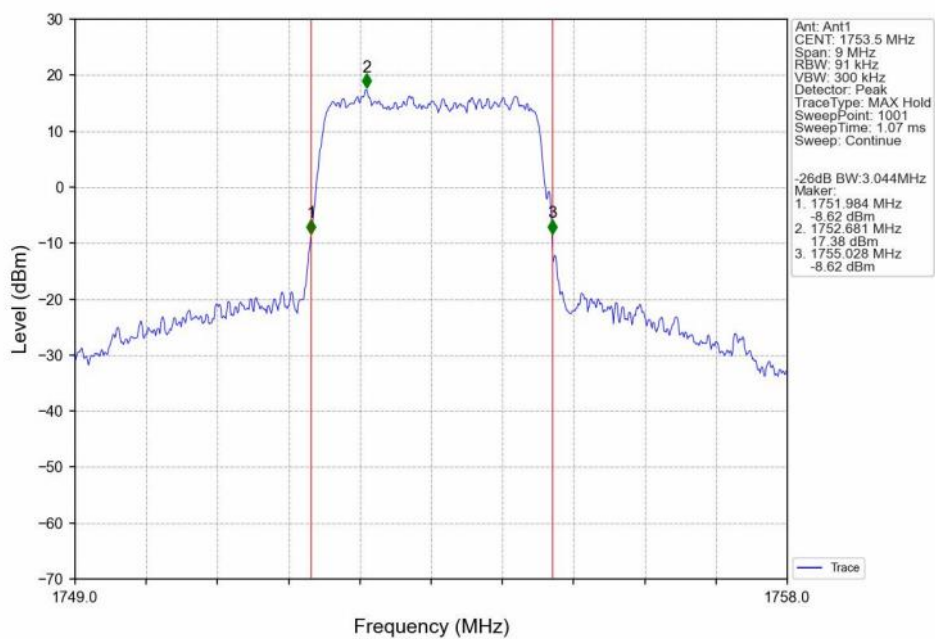
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



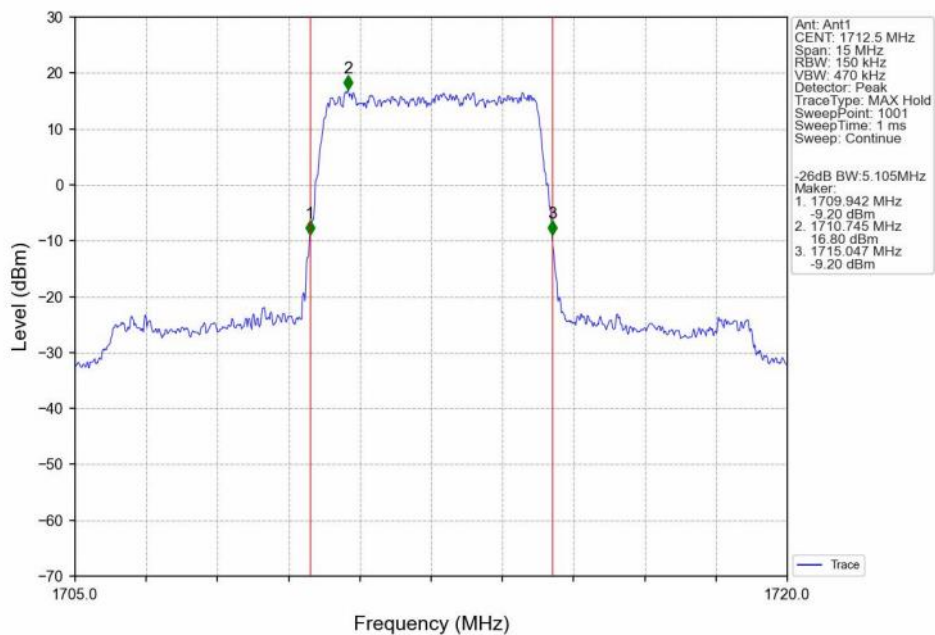
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



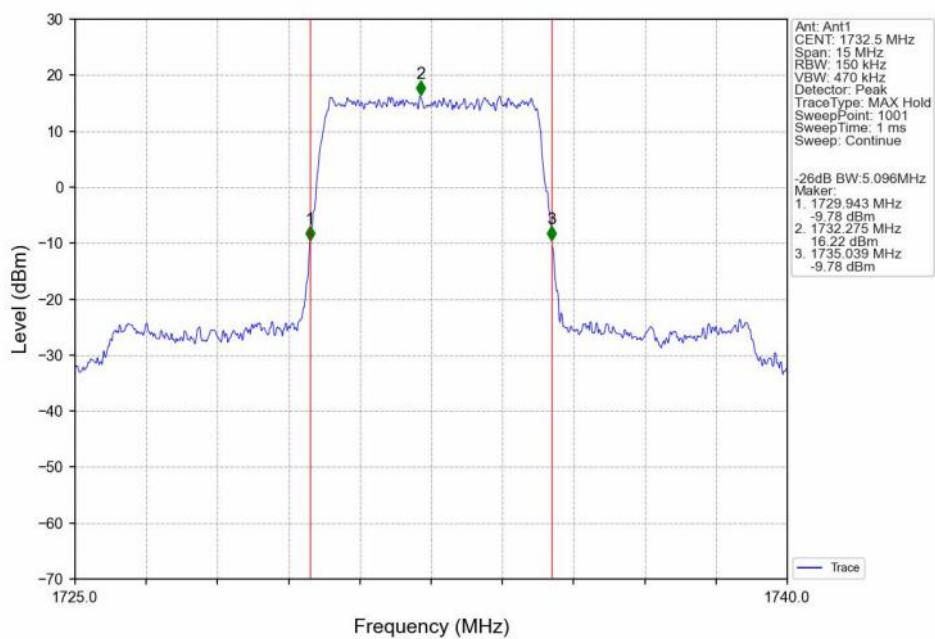
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



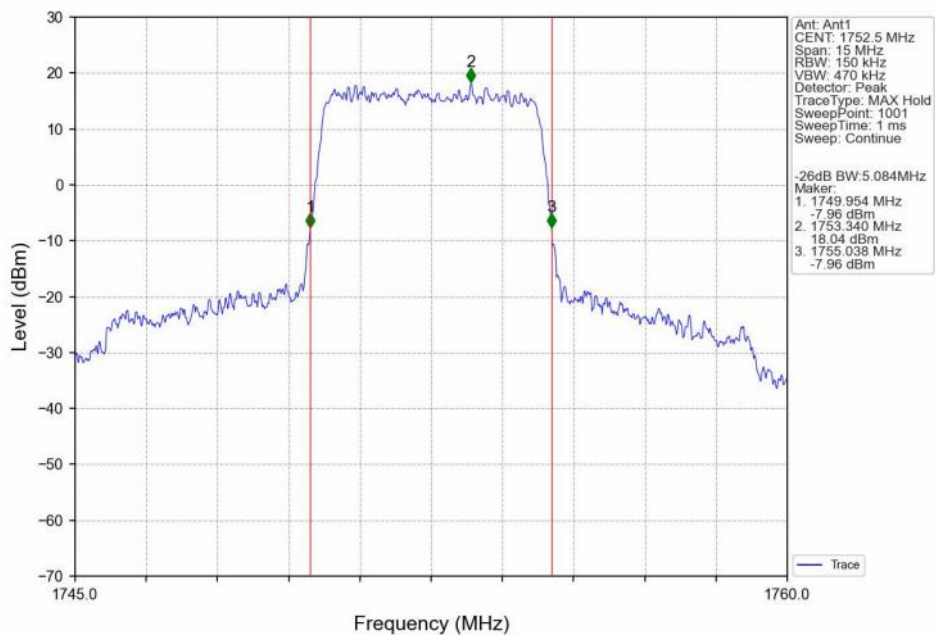
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



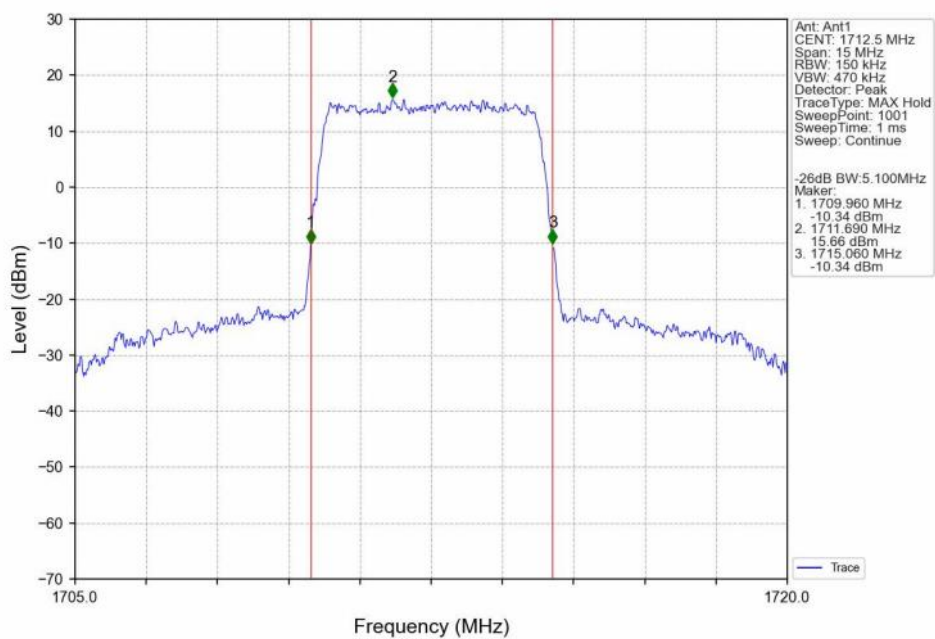
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



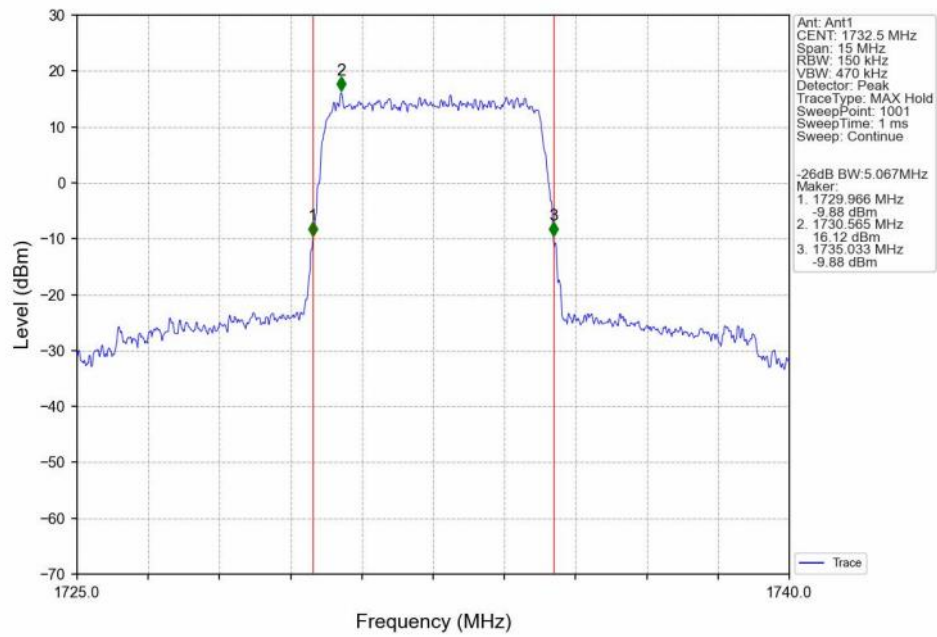
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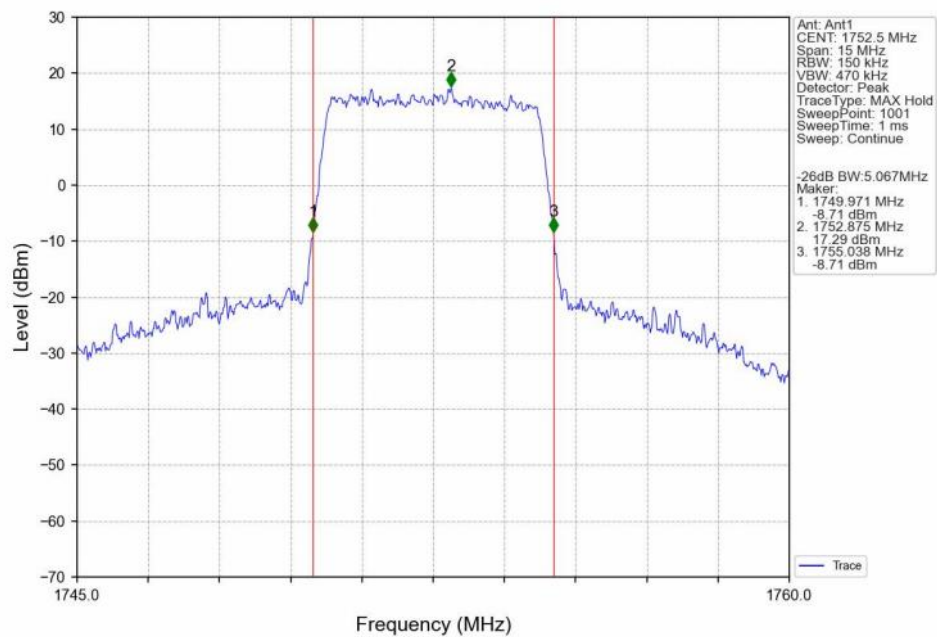
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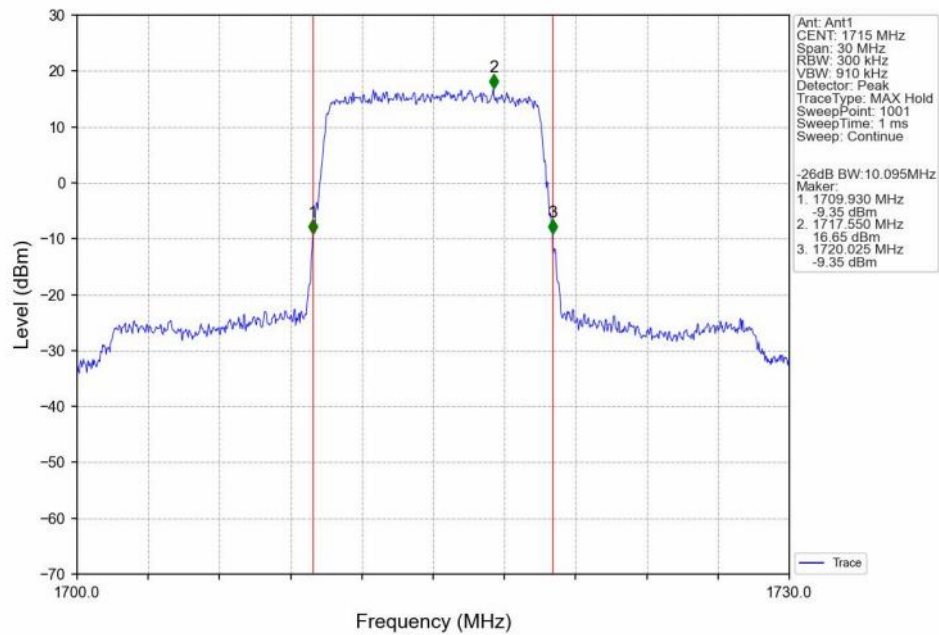
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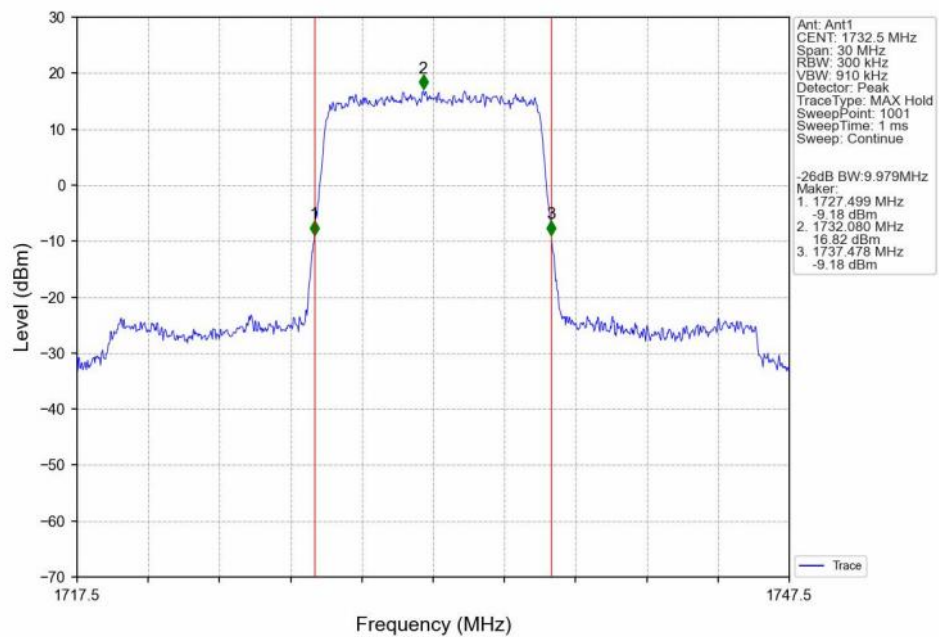
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



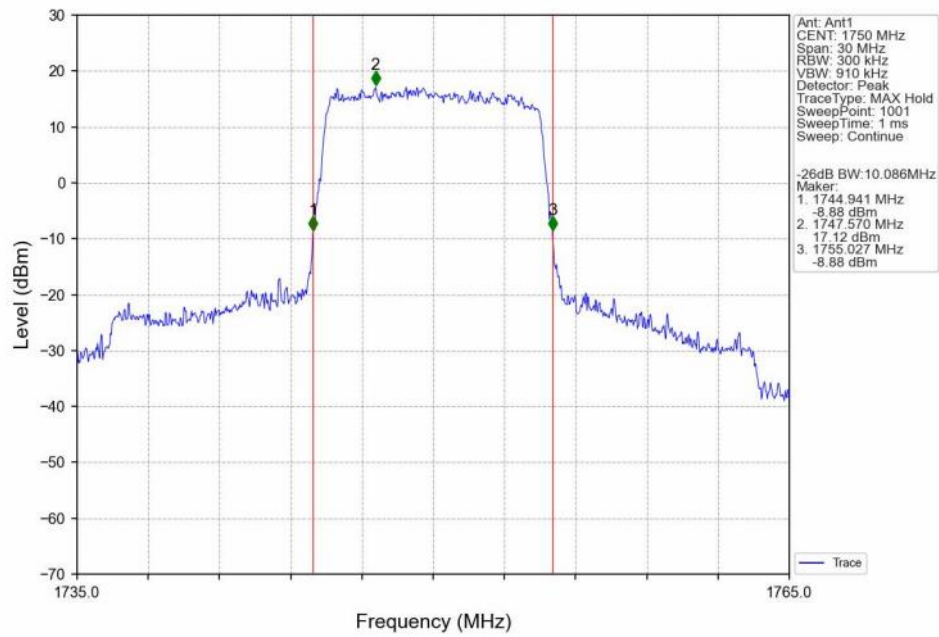
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



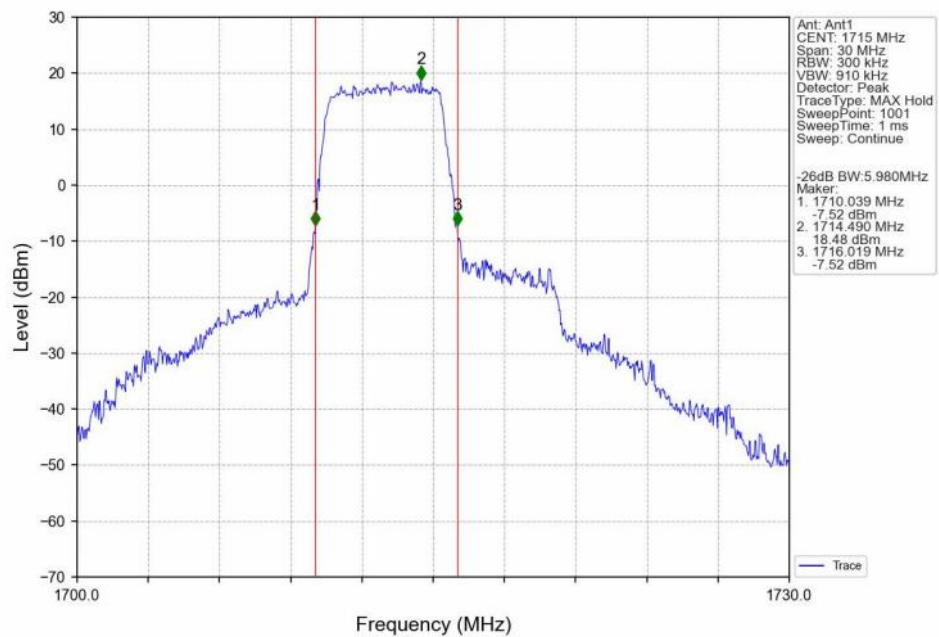
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



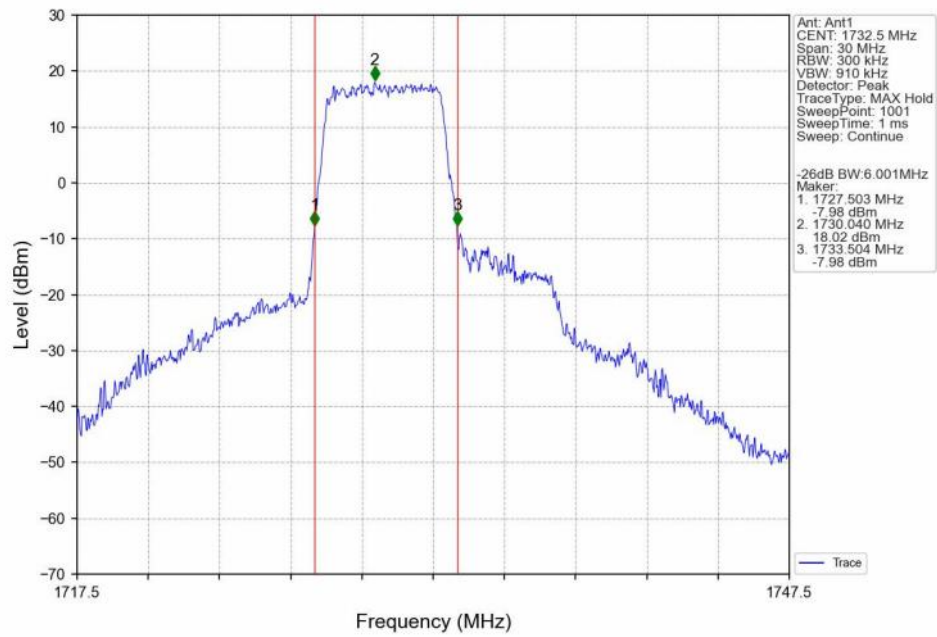
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



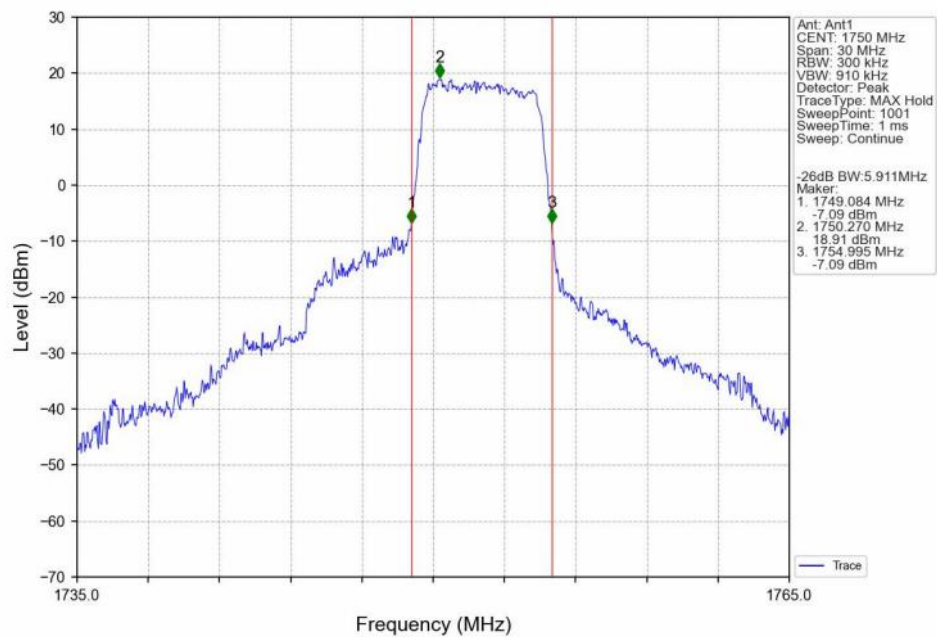
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



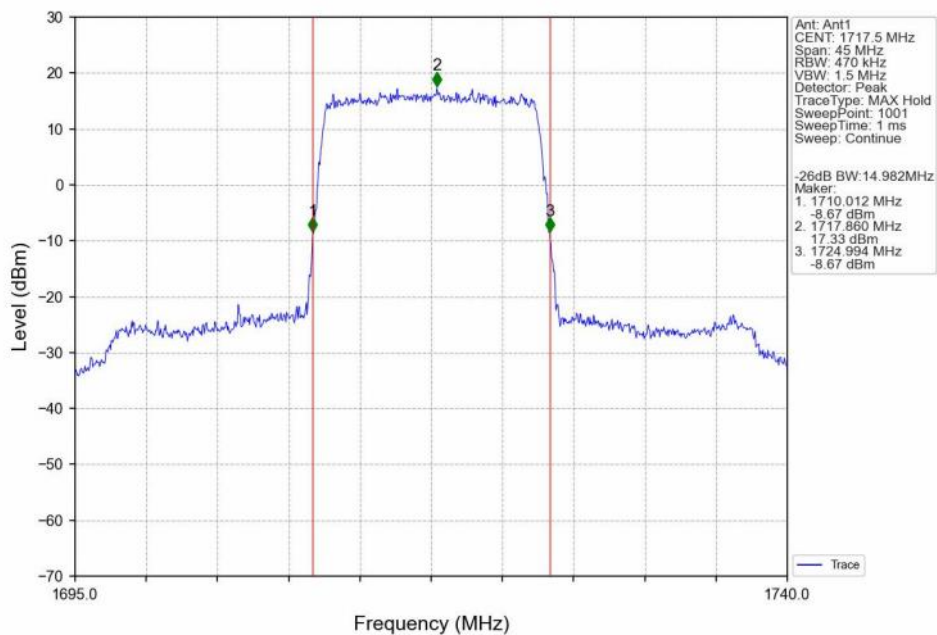
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



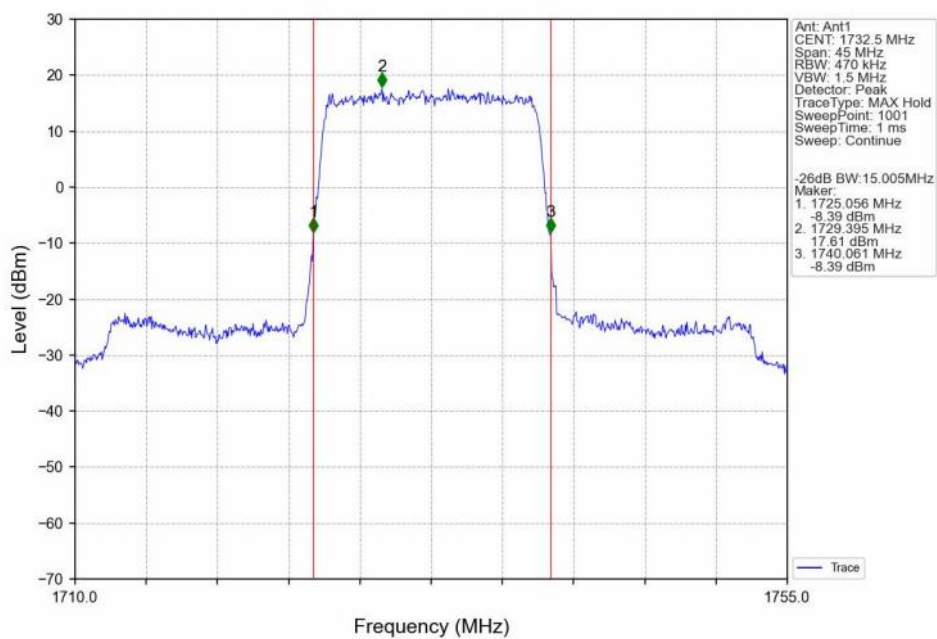
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



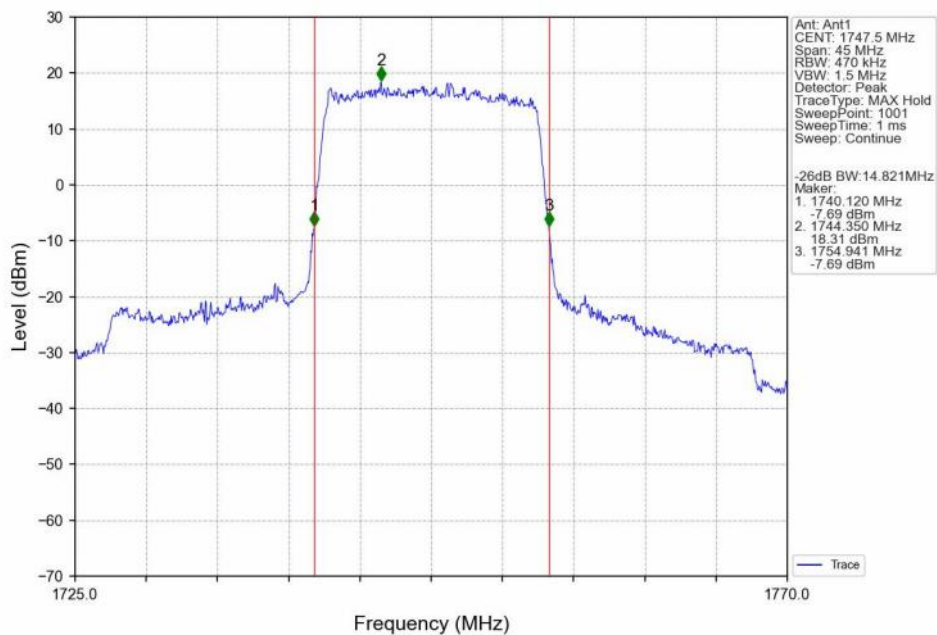
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



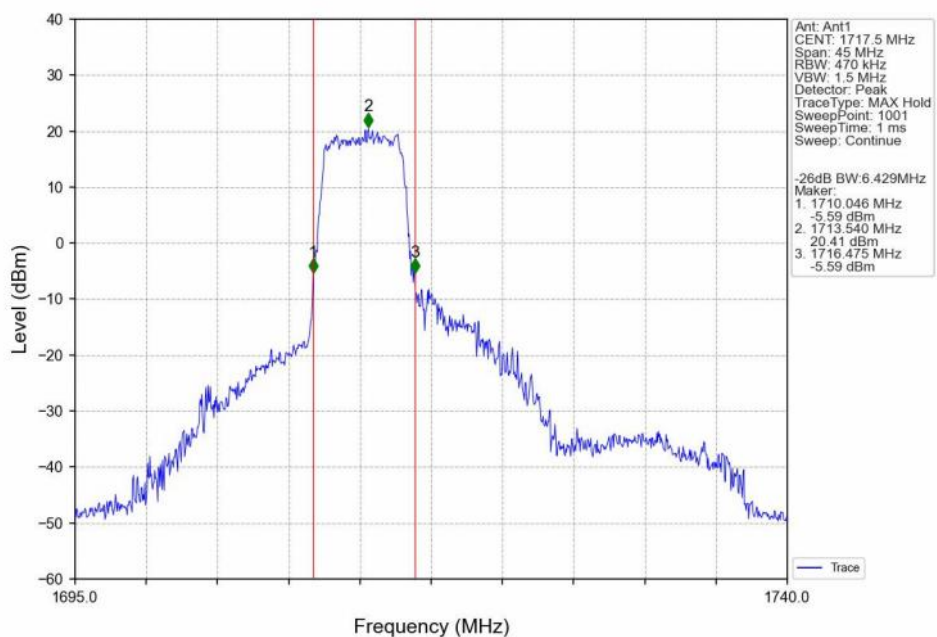
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



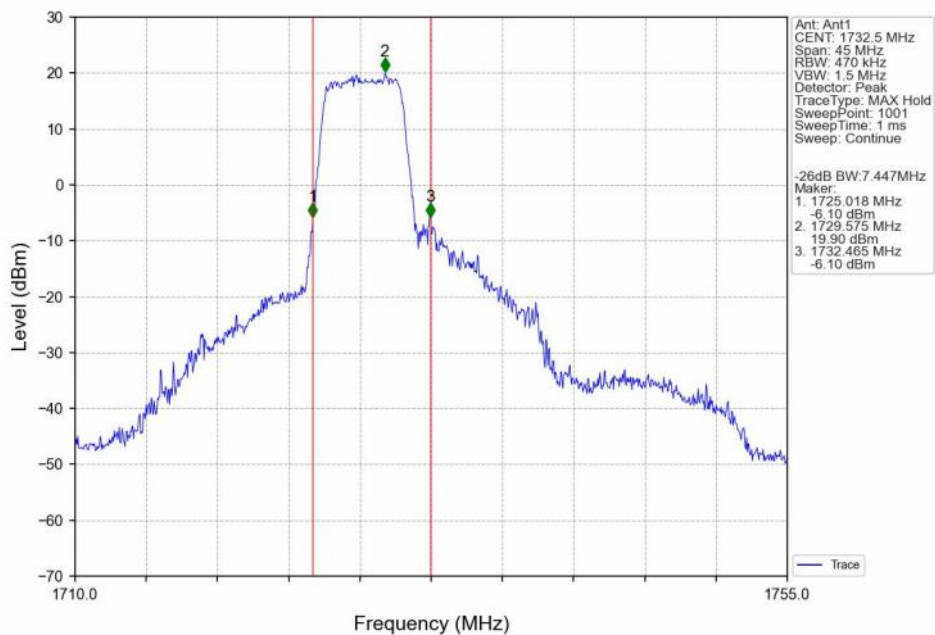
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



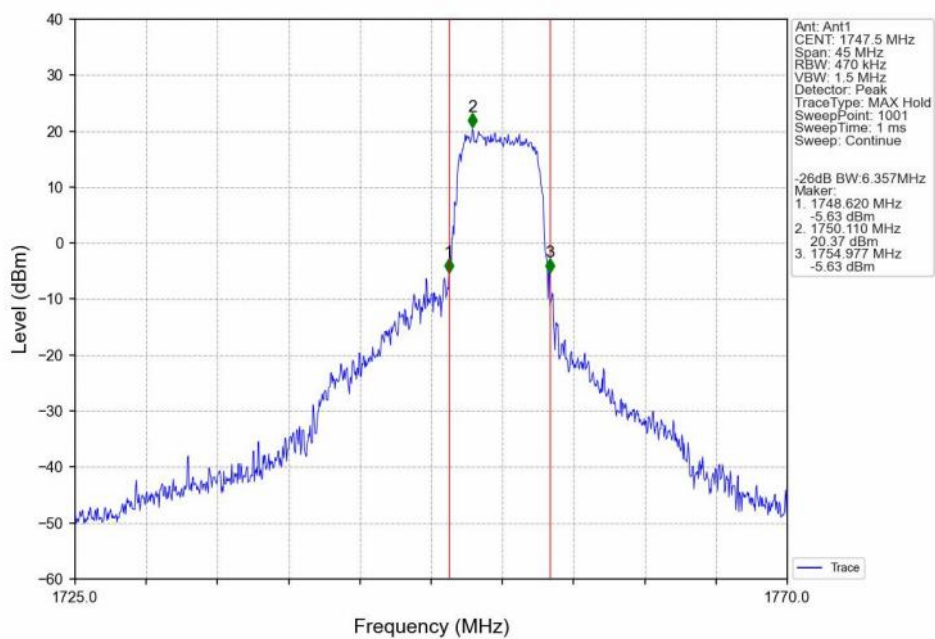
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



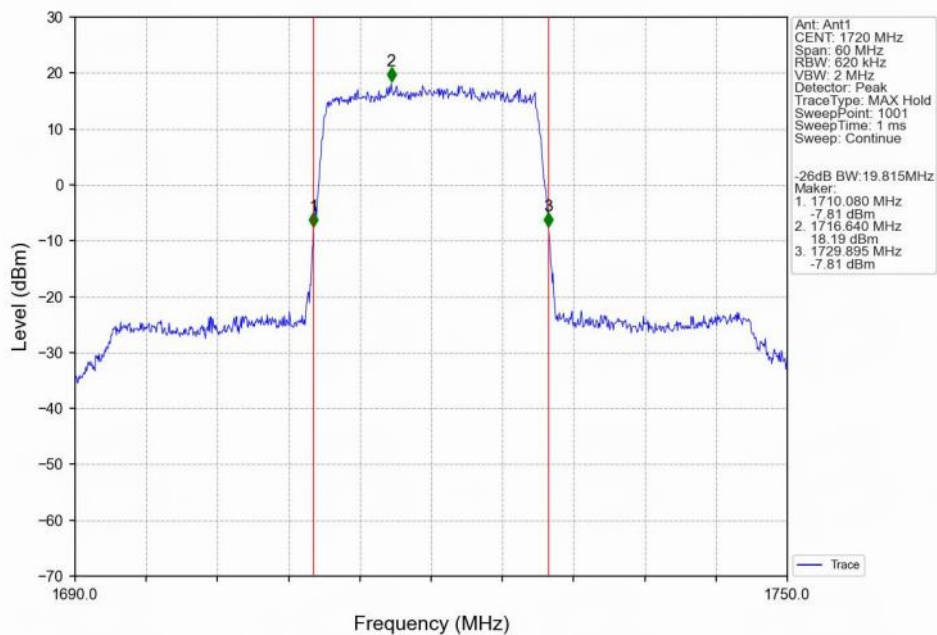
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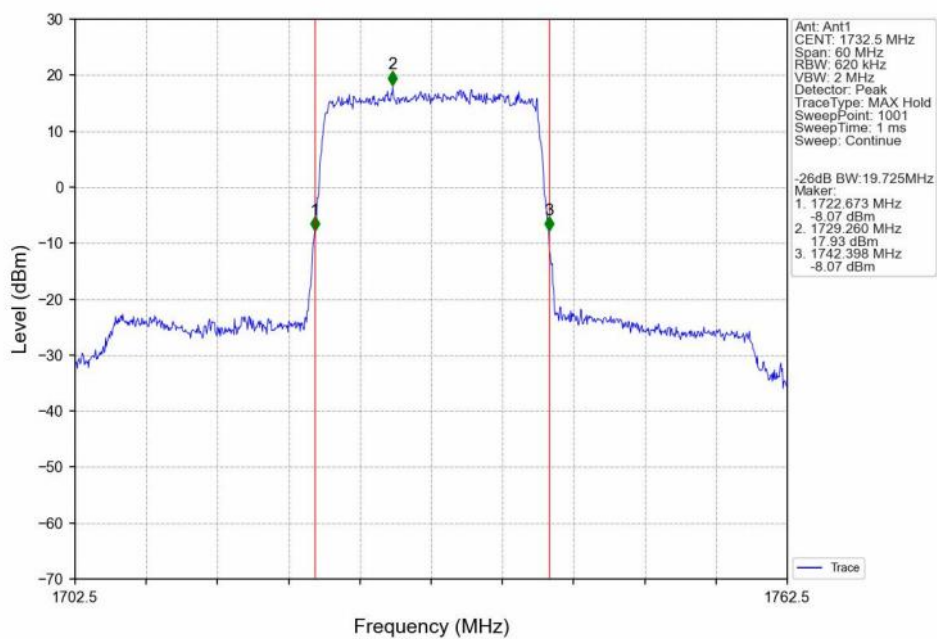
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



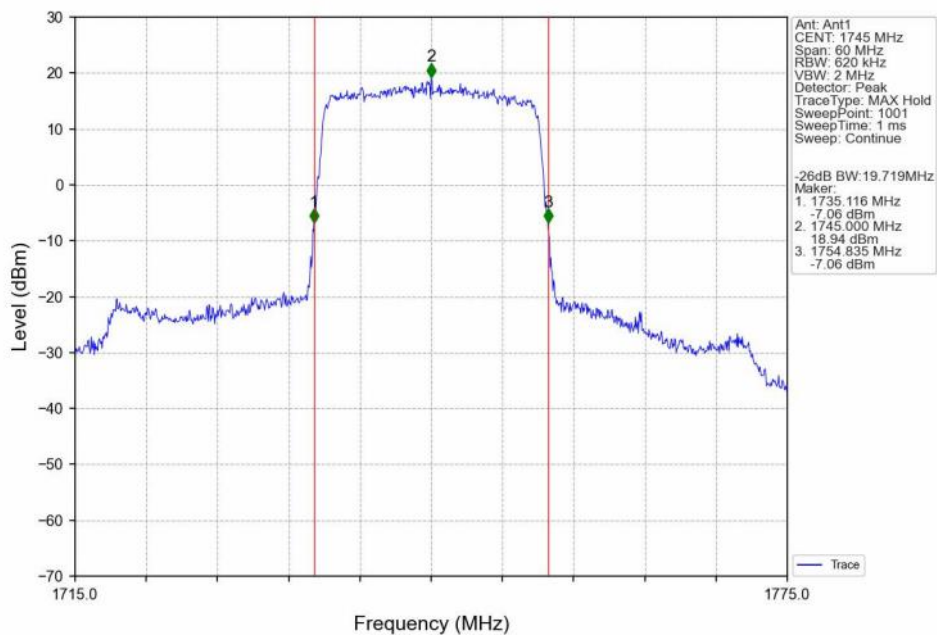
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



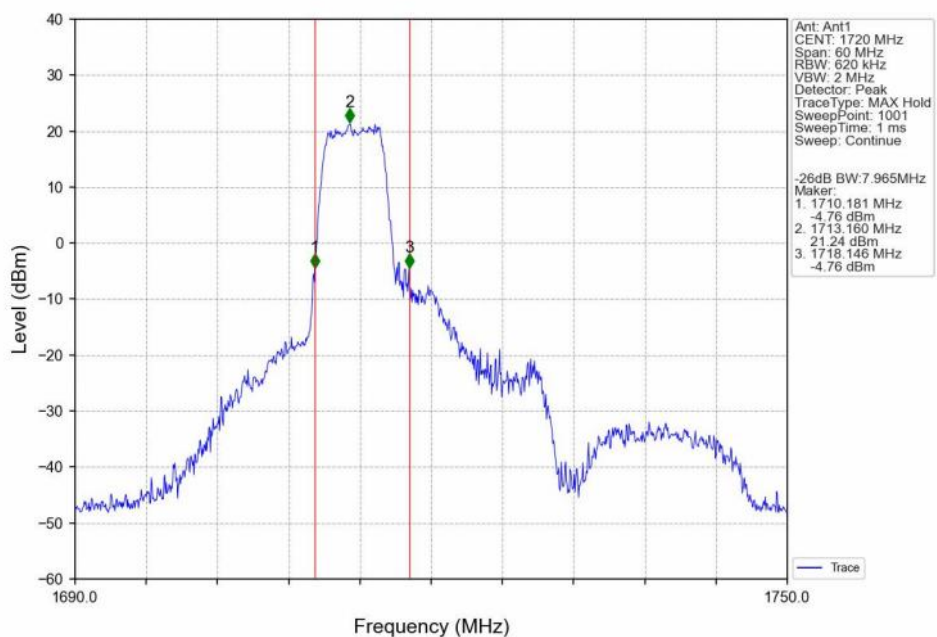
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



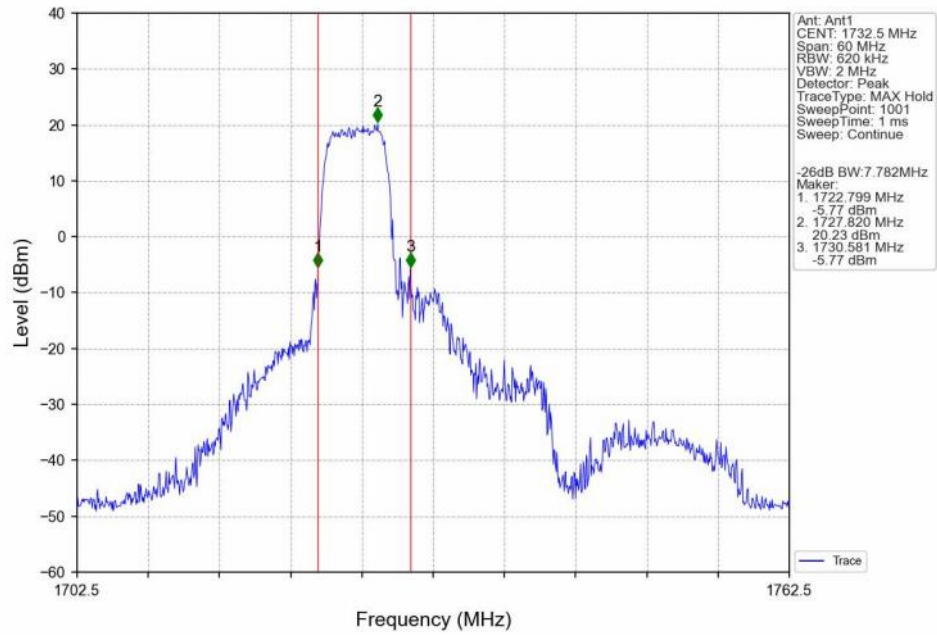
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



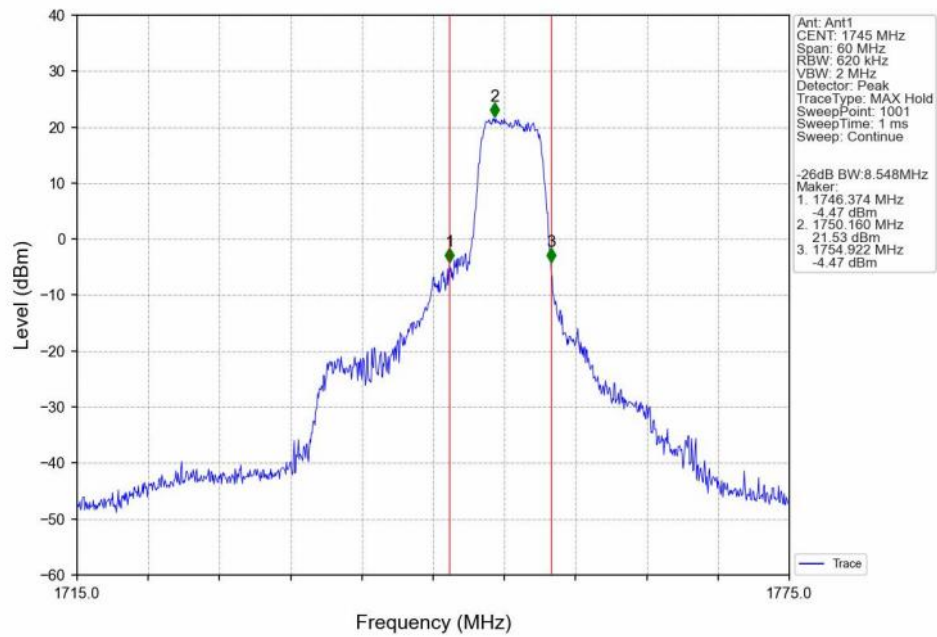
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.04	<=13	Pass
	1732.5	6	0	4.94	<=13	Pass
	1754.3	6	0	4.13	<=13	Pass
16QAM	1710.7	6	0	5.90	<=13	Pass
	1732.5	6	0	5.82	<=13	Pass
	1754.3	6	0	5.24	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.13	<=13	Pass
	1732.5	15	0	5.06	<=13	Pass
	1753.5	15	0	4.42	<=13	Pass
16QAM	1711.5	15	0	5.97	<=13	Pass
	1732.5	15	0	5.95	<=13	Pass
	1753.5	15	0	5.28	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.15	<=13	Pass
	1732.5	25	0	5.15	<=13	Pass
	1752.5	25	0	4.68	<=13	Pass
16QAM	1712.5	25	0	6.00	<=13	Pass
	1732.5	25	0	5.99	<=13	Pass
	1752.5	25	0	5.48	<=13	Pass

5.1.4 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	5.08	<=13	Pass
	1732.5	50	0	5.09	<=13	Pass
	1750	50	0	4.72	<=13	Pass
16QAM	1715	27	0	5.73	<=13	Pass
	1732.5	27	0	5.78	<=13	Pass

	1750	27	23	5.18	<=13	Pass
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5.1.5 B4_15MHz

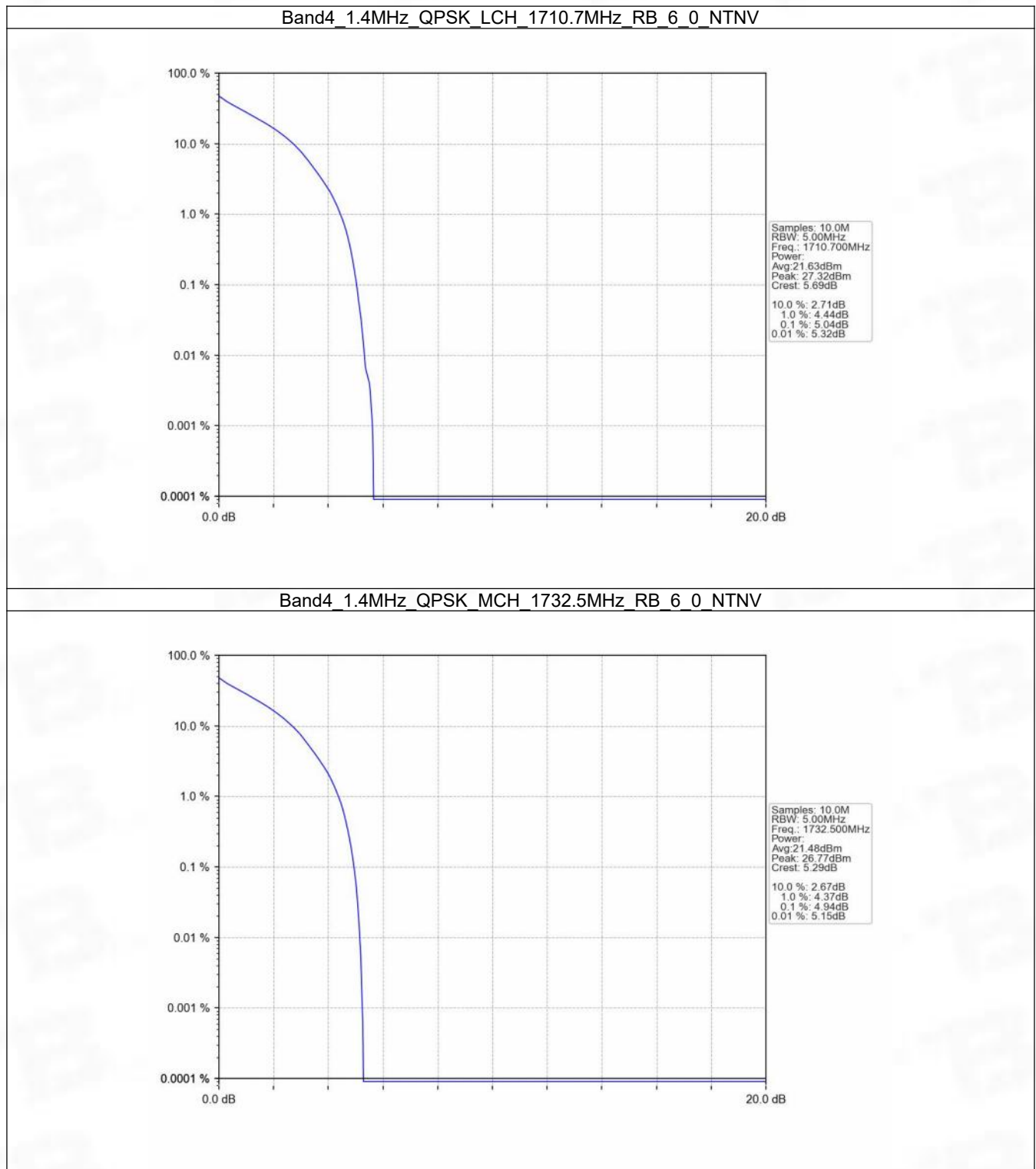
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.89	<=13	Pass
	1732.5	75	0	4.87	<=13	Pass
	1747.5	75	0	4.95	<=13	Pass
16QAM	1717.5	27	0	6.45	<=13	Pass
	1732.5	27	0	6.47	<=13	Pass
	1747.5	27	48	6.20	<=13	Pass

5.1.6 B4_20MHz

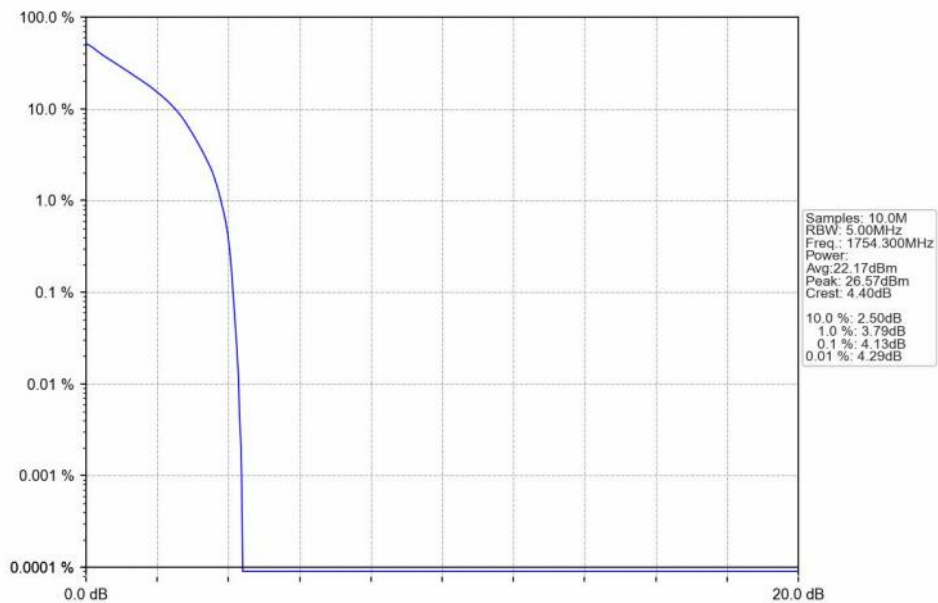
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.67	<=13	Pass
	1732.5	100	0	5.66	<=13	Pass
	1745	100	0	5.62	<=13	Pass
16QAM	1720	27	0	7.70	<=13	Pass
	1732.5	27	0	7.72	<=13	Pass
	1745	27	73	7.48	<=13	Pass

5.2 Test Graph

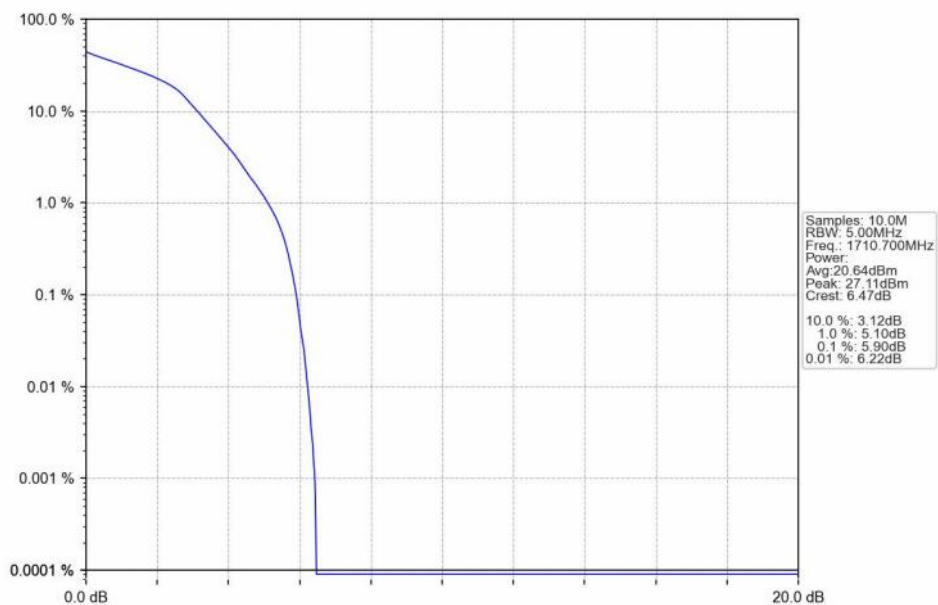
5.2.1 B4_1.4MHz



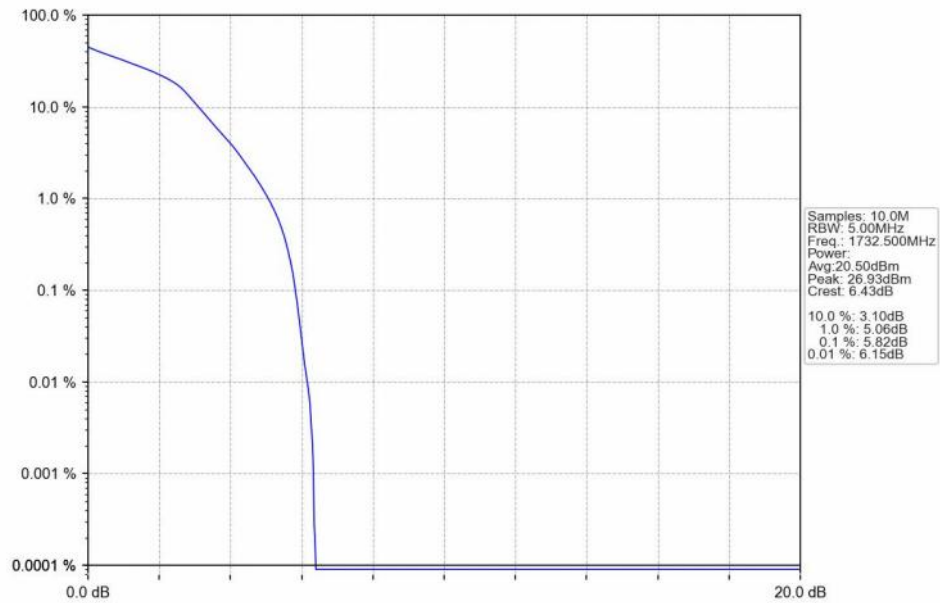
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



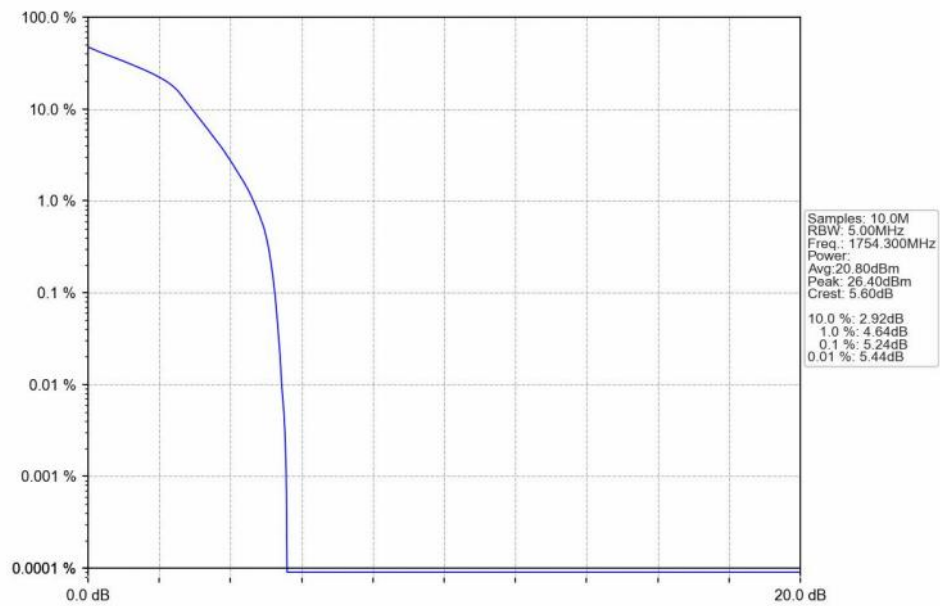
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



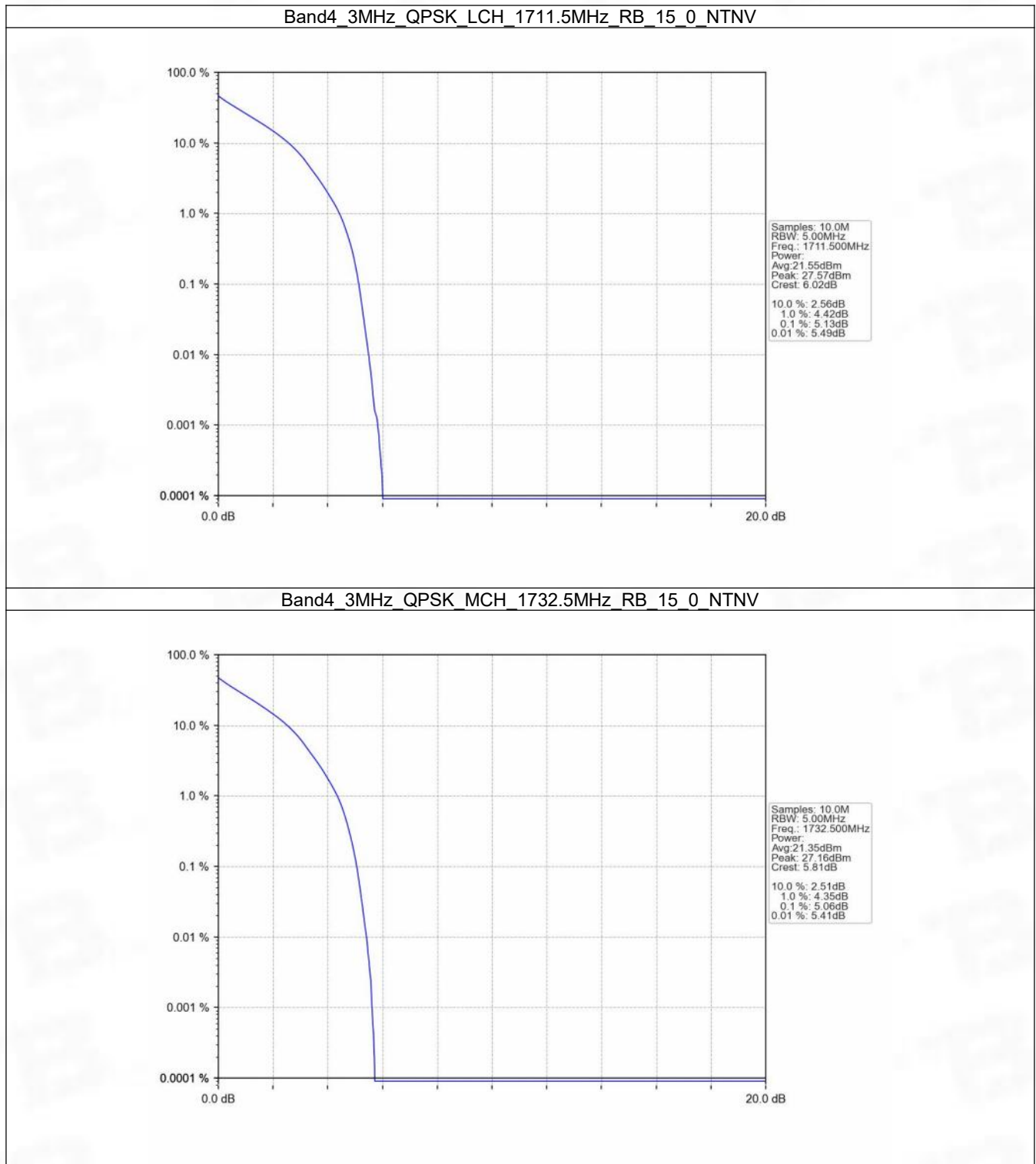
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



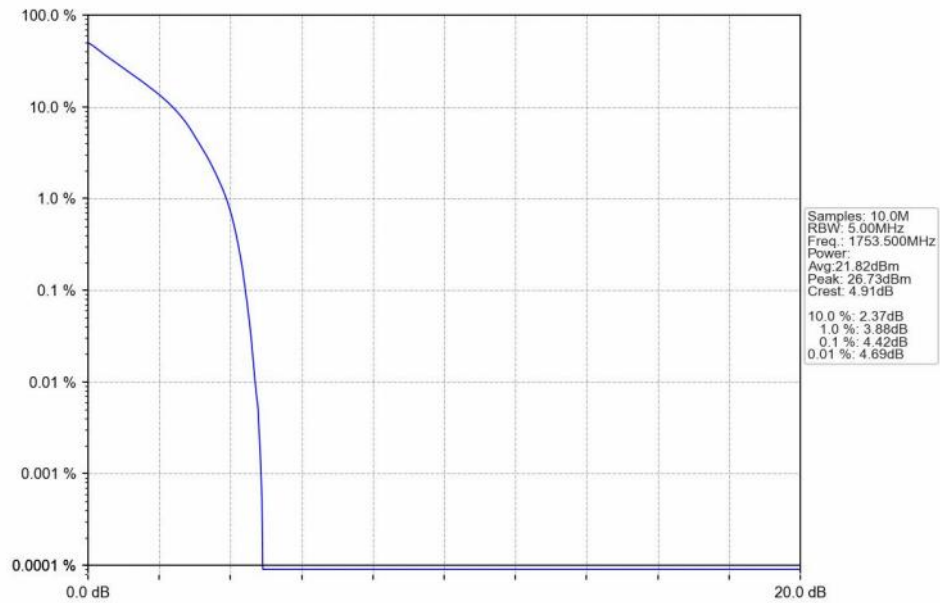
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



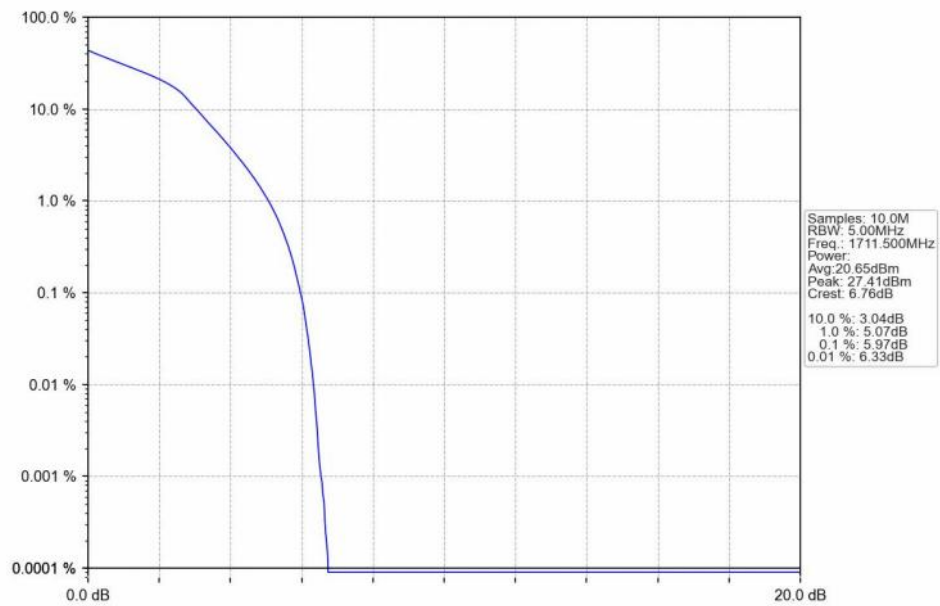
5.2.2 B4_3MHz



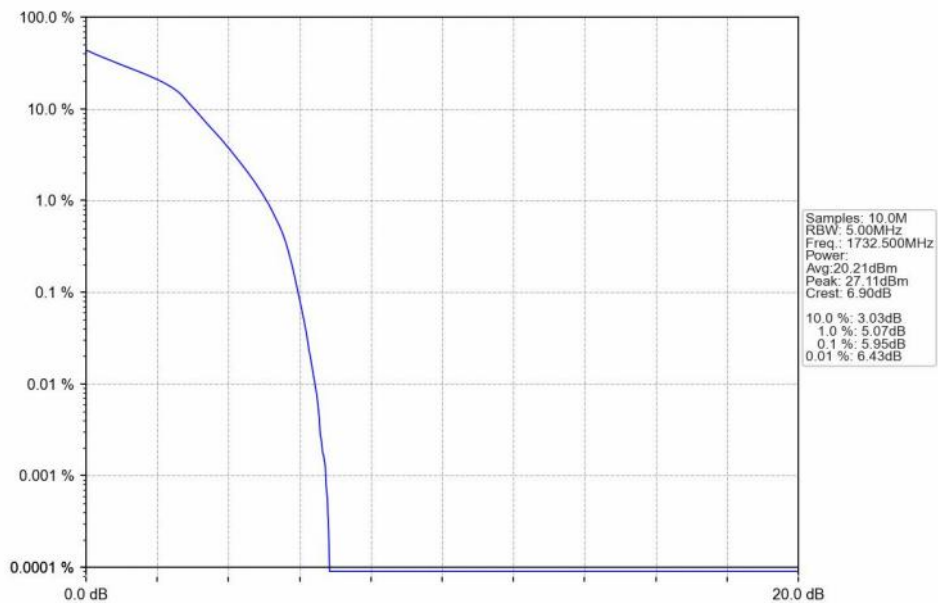
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



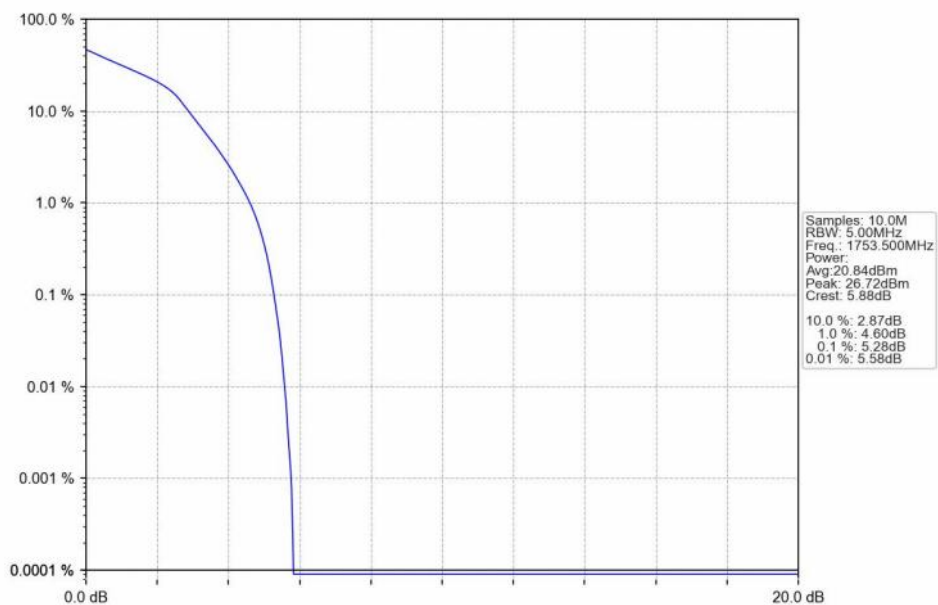
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

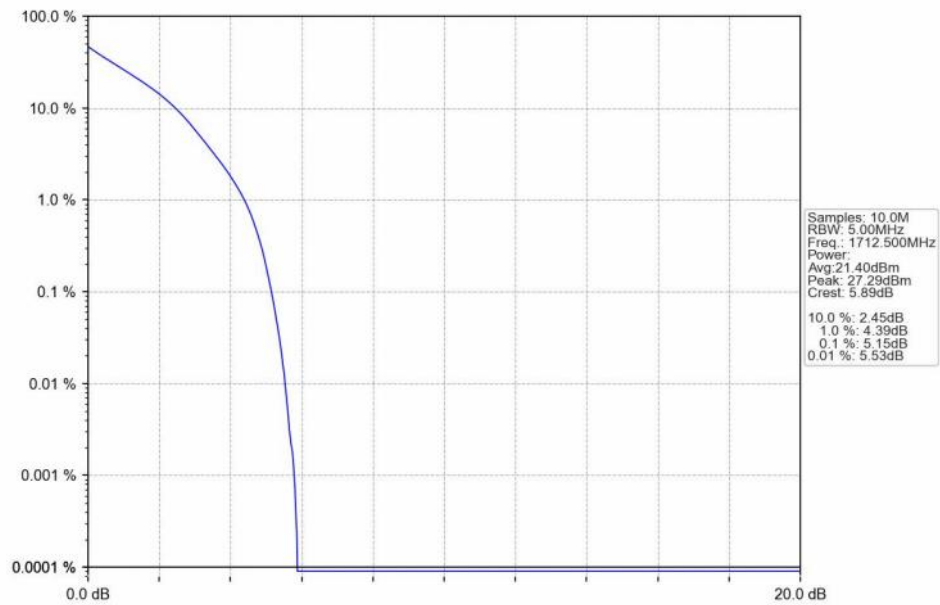


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

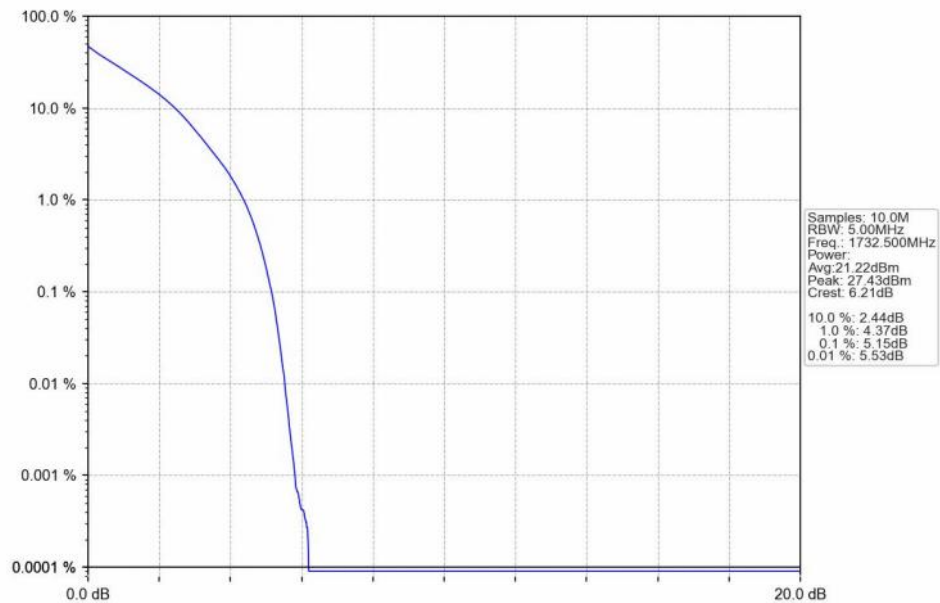


5.2.3 B4_5MHz

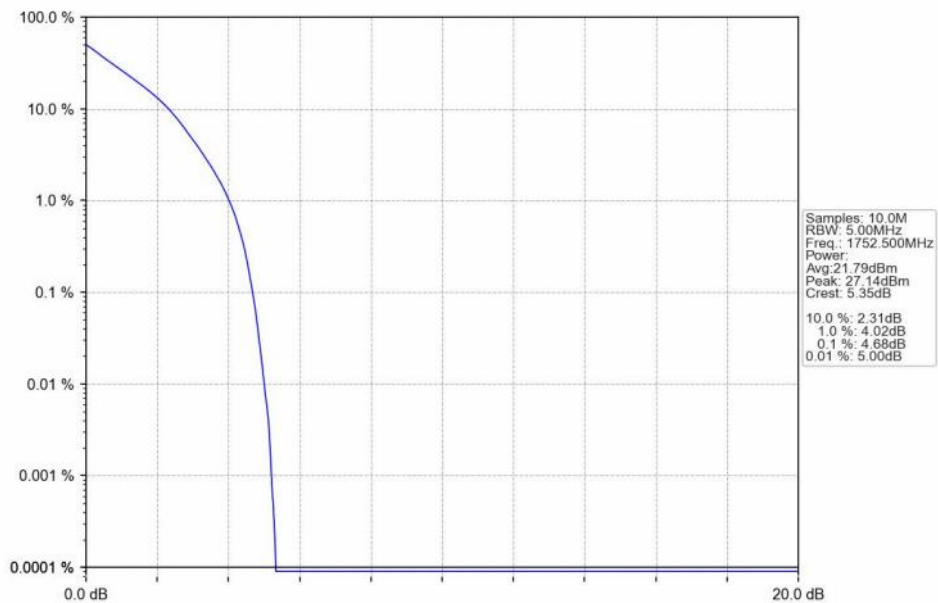
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



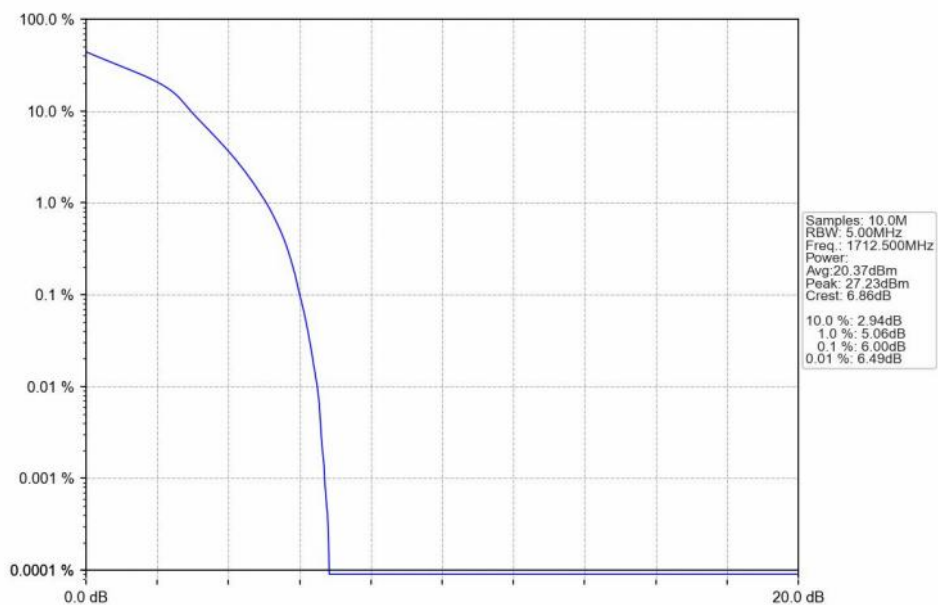
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



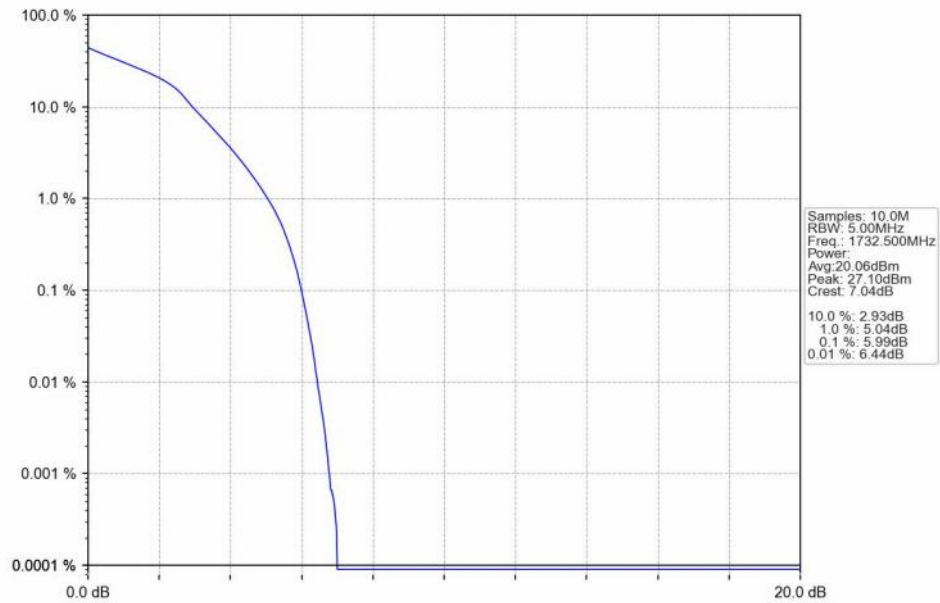
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



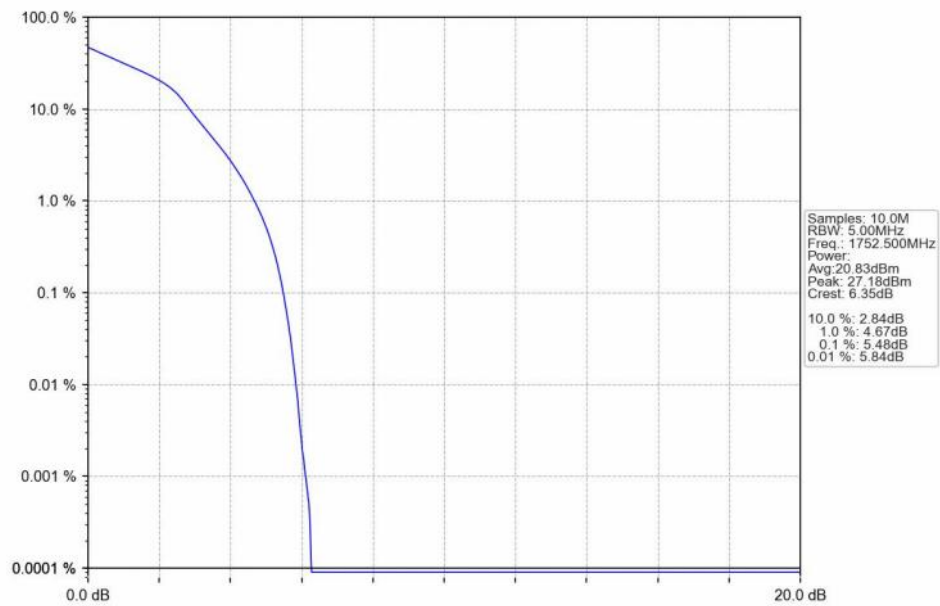
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



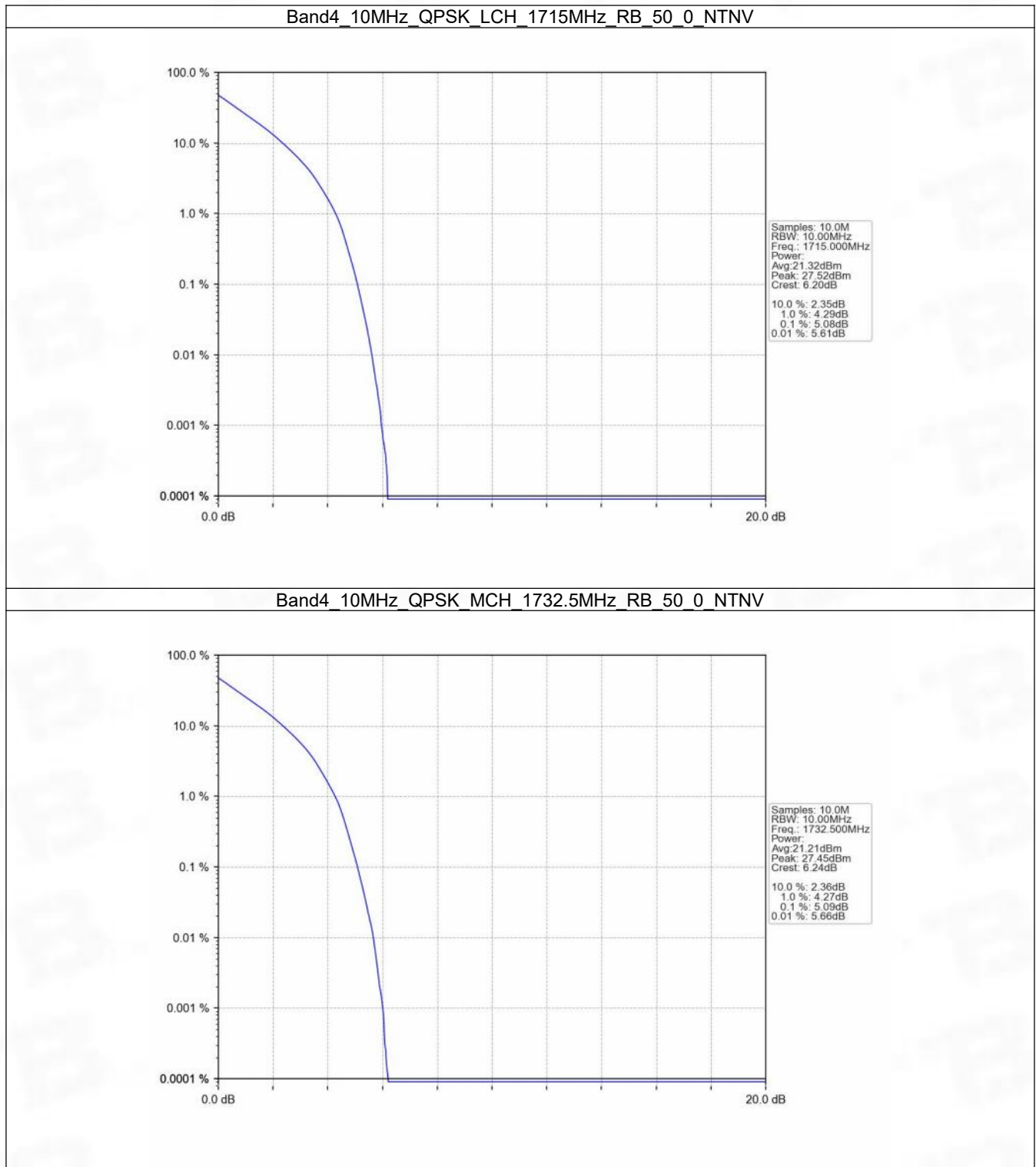
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



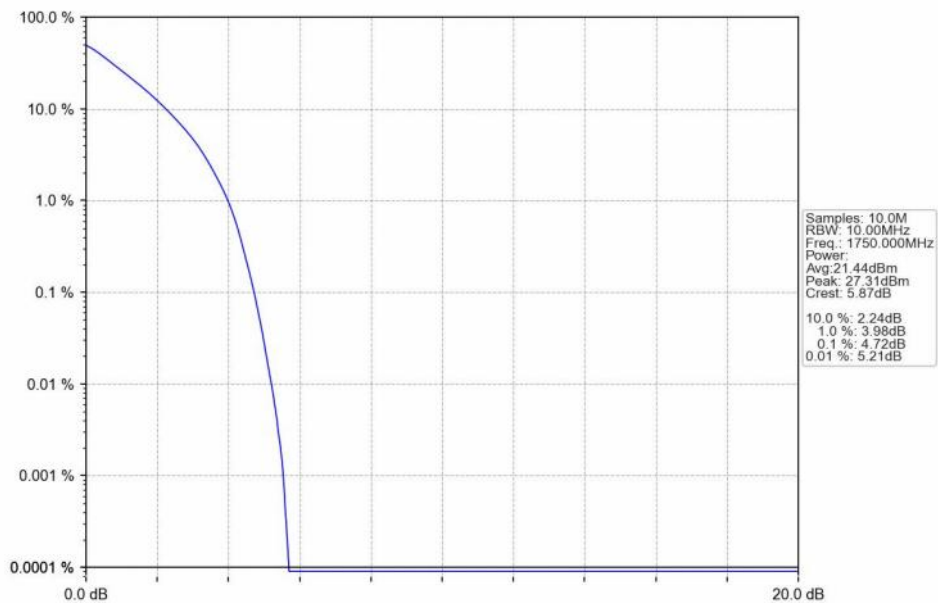
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



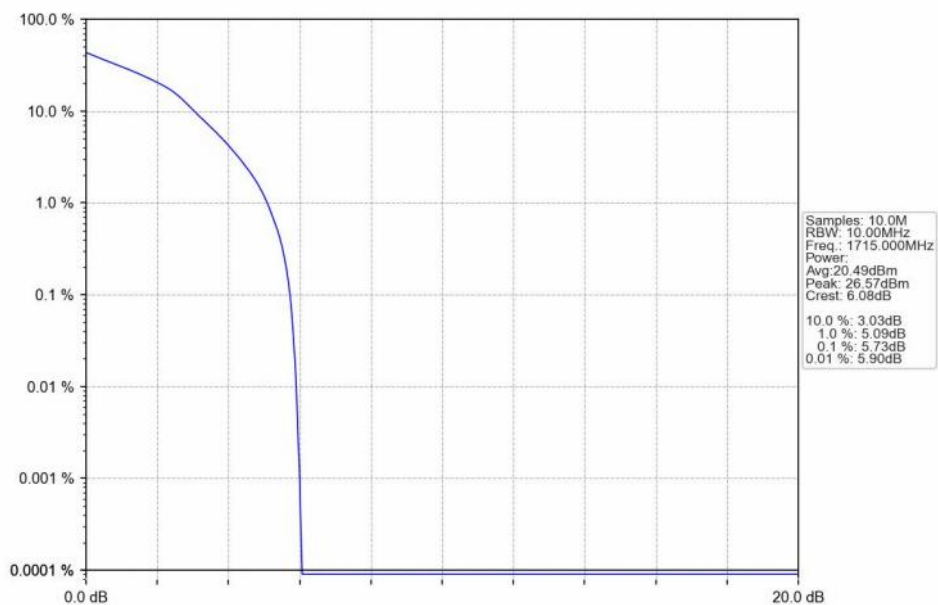
5.2.4 B4_10MHz



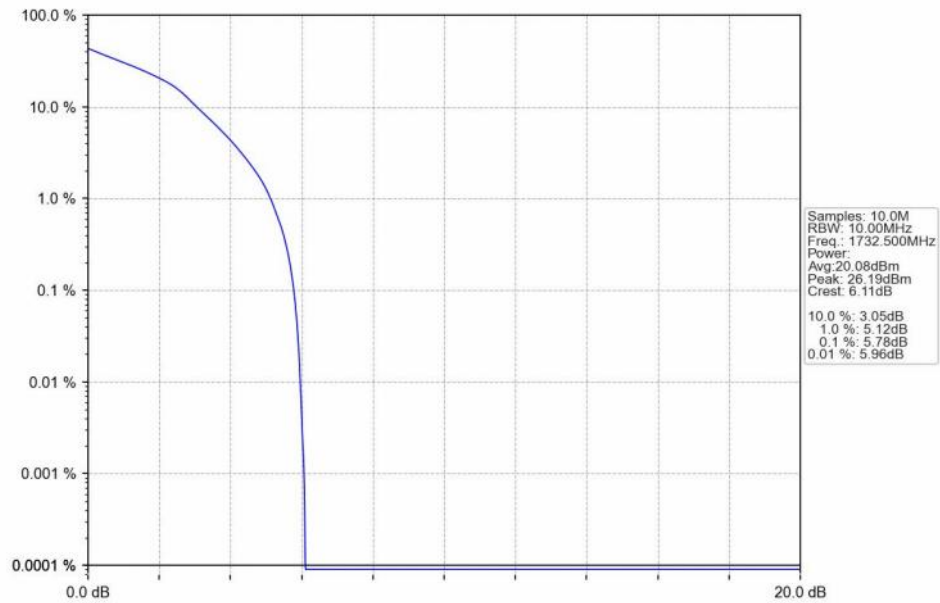
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



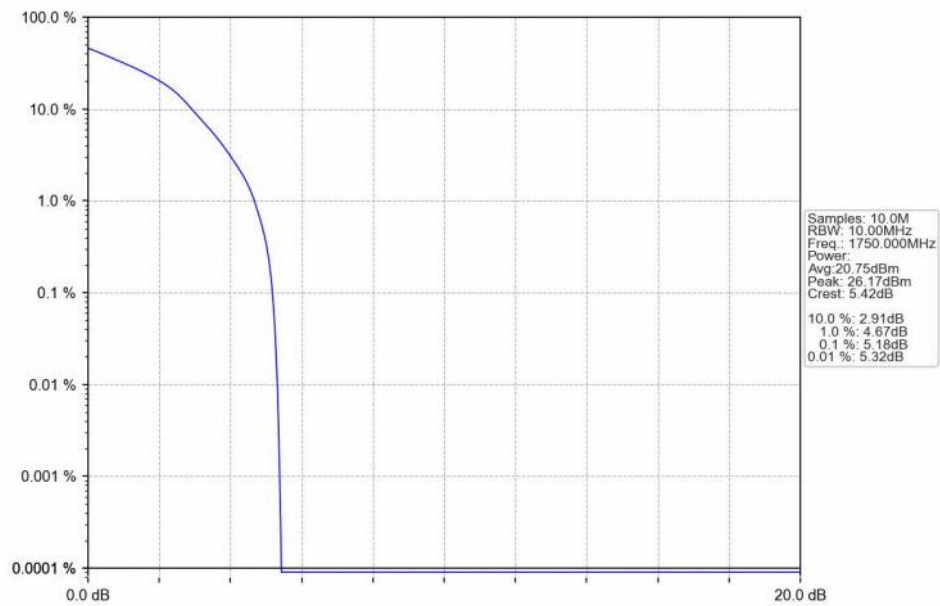
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



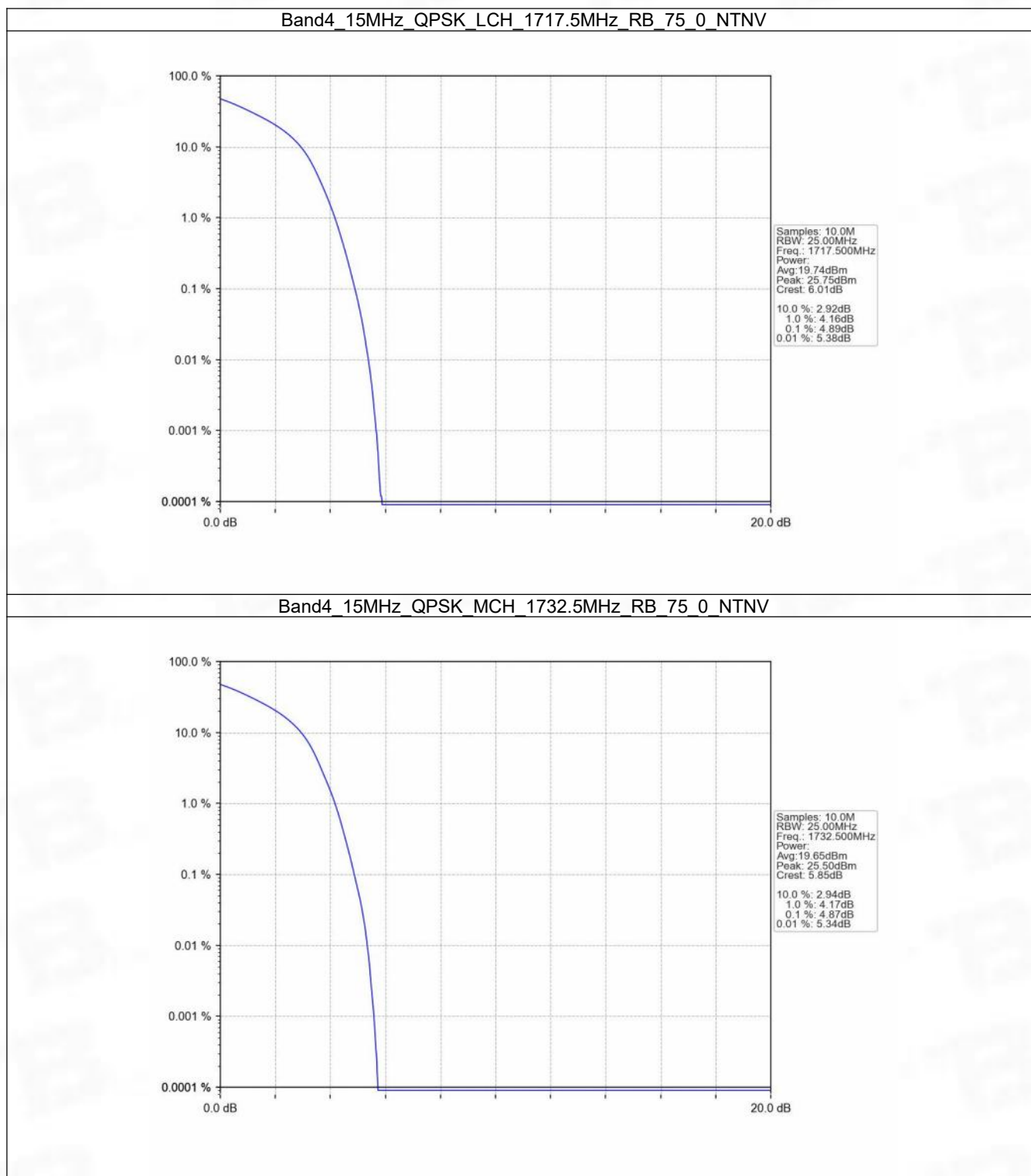
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



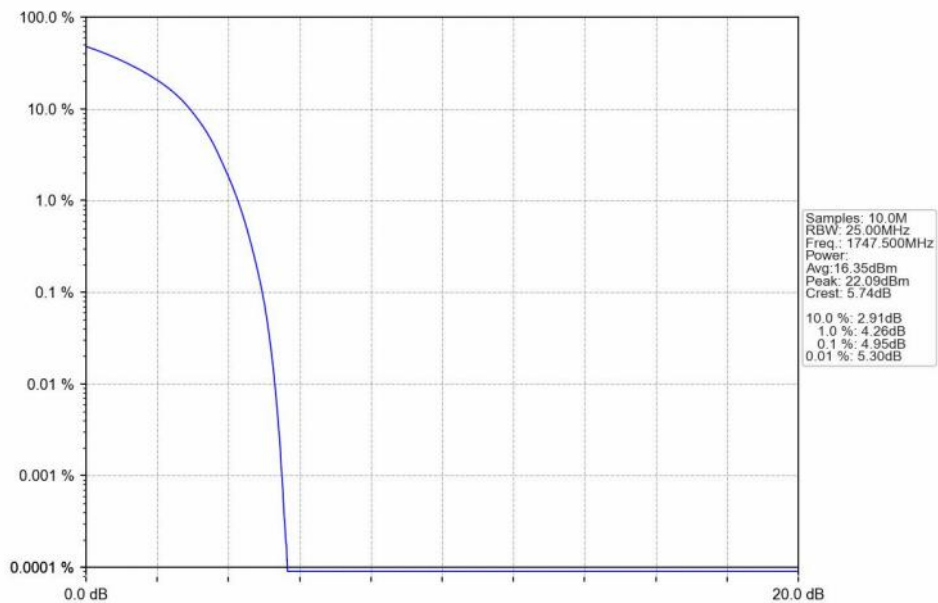
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



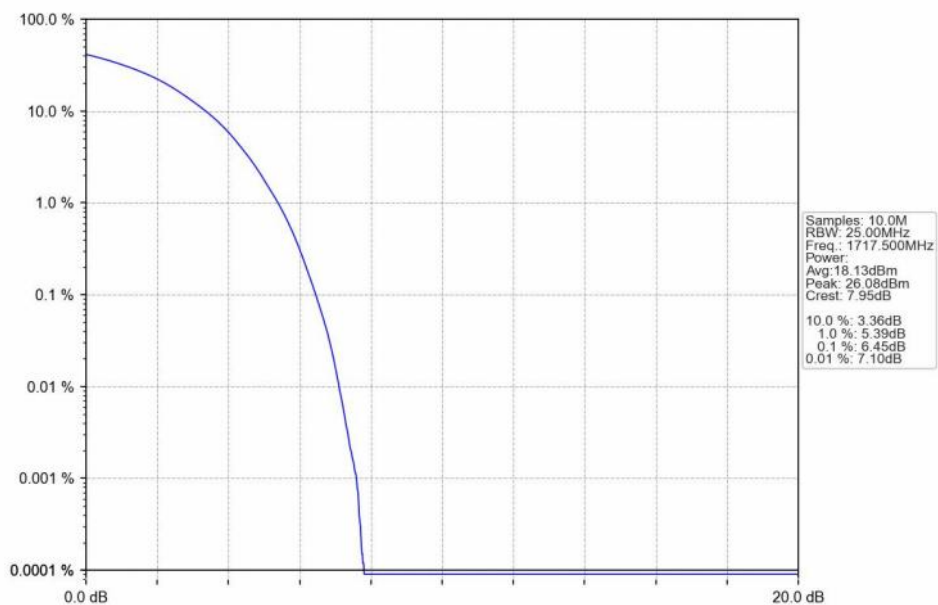
5.2.5 B4_15MHz



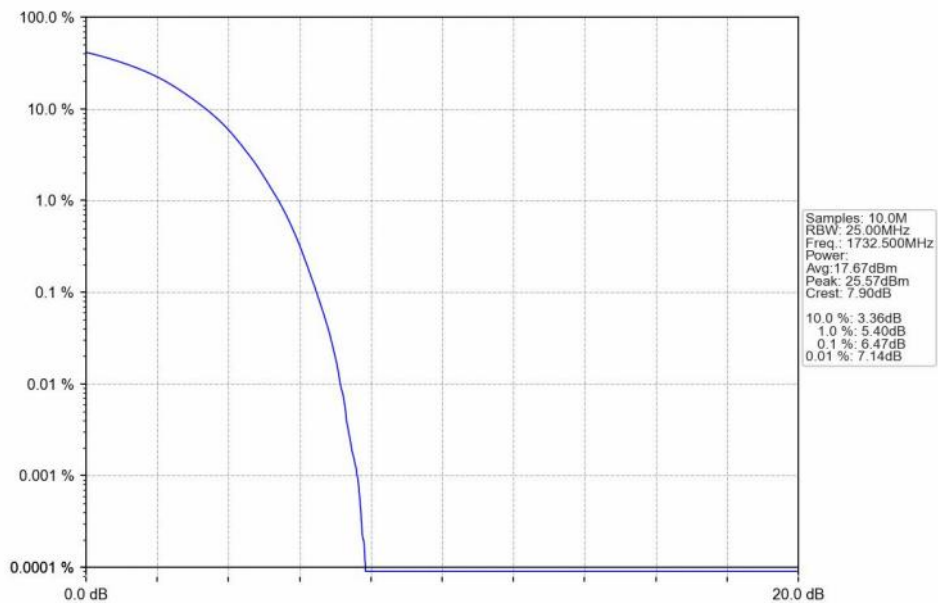
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



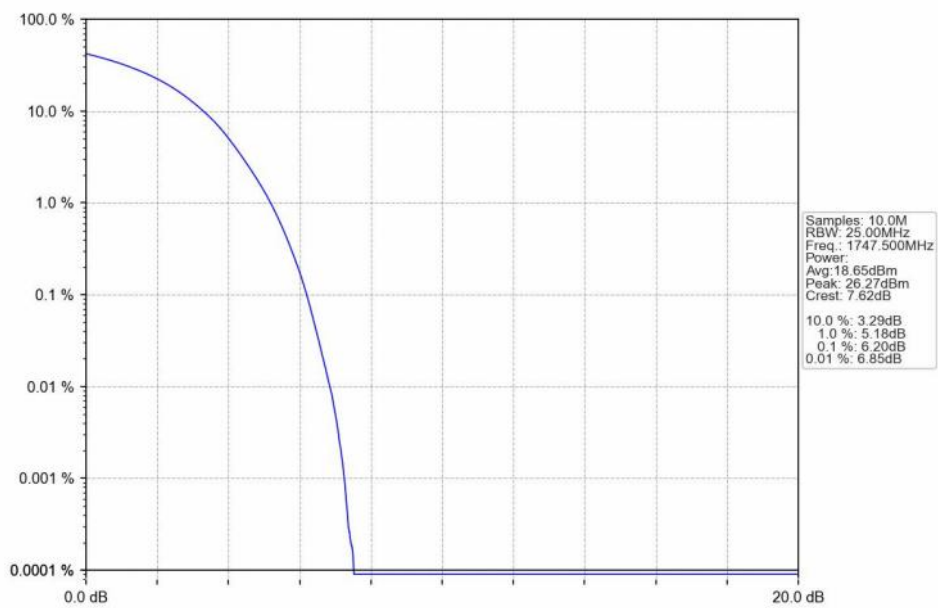
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



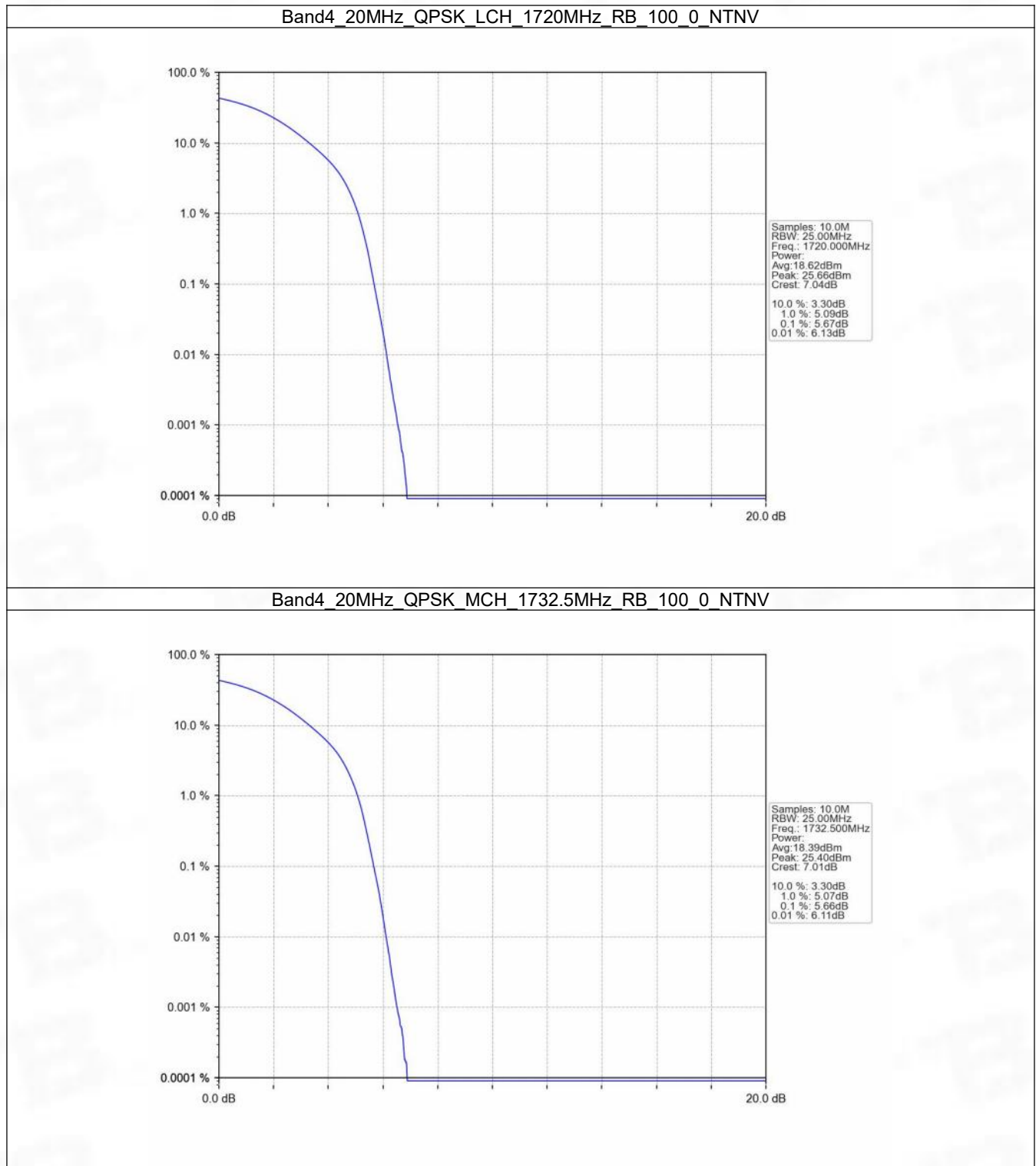
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



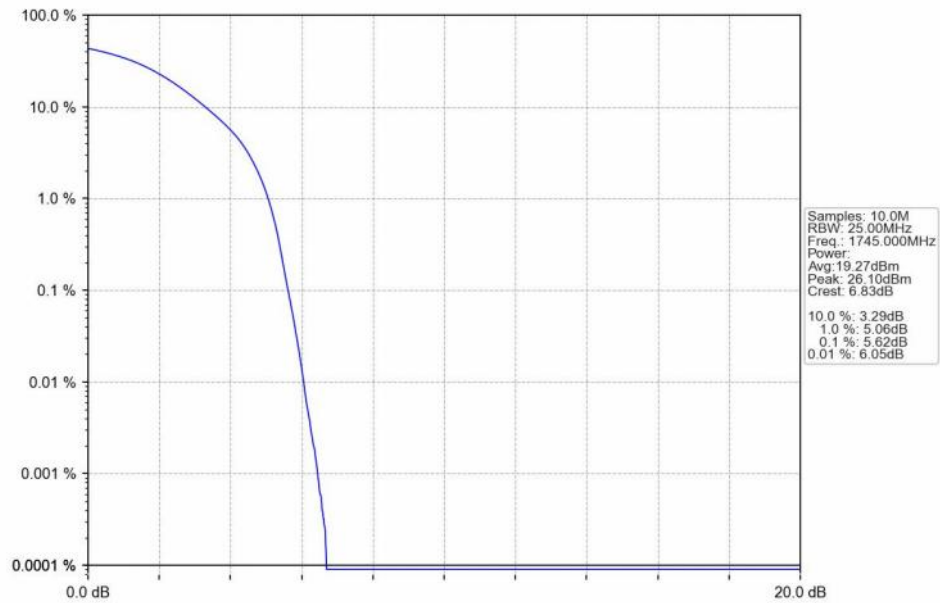
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



5.2.6 B4_20MHz



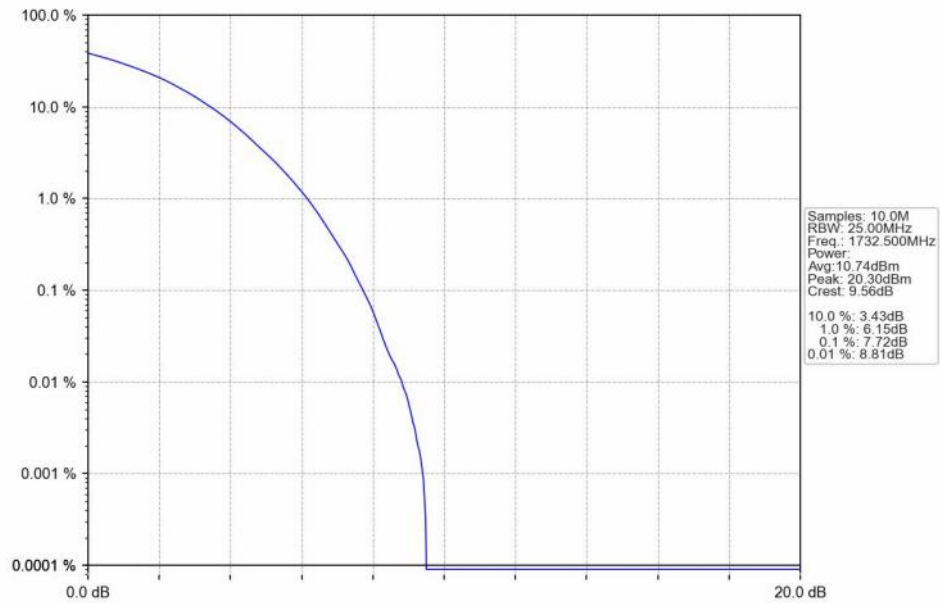
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



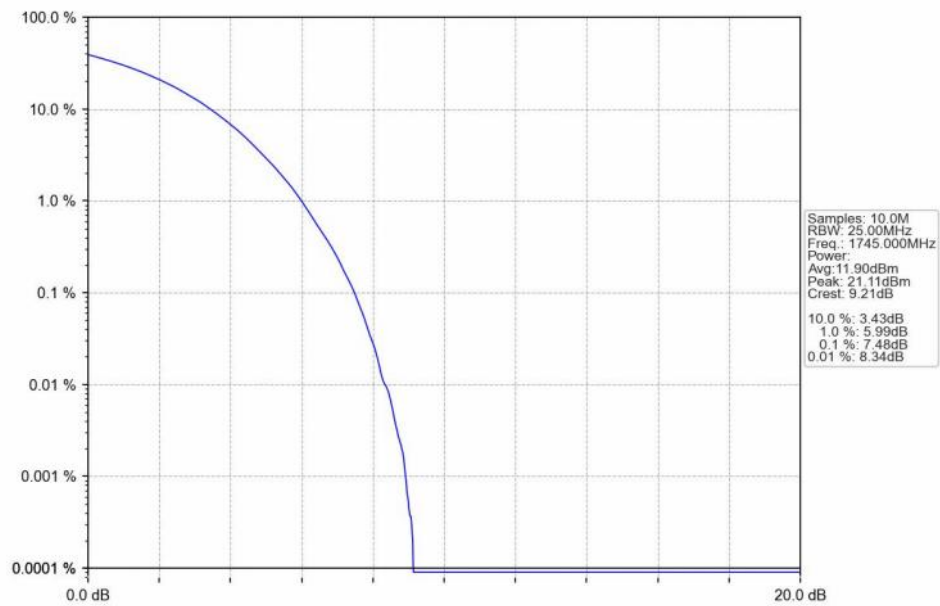
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 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
		1	0	Refer To Test Graph		Pass
	1754.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	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
		1	0	Refer To Test Graph		Pass
	1754.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 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
		1	0	Refer To Test Graph		Pass
	1753.5	1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	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
		1	0	Refer To Test Graph		Pass
	1753.5	1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 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
		1	0	Refer To Test Graph		Pass
	1752.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1732.5	25	0	Refer To Test Graph	Pass
		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

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1715	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1750	1	0	Refer To Test Graph		Pass
	49			Refer To Test Graph		Pass	
	50		0	Refer To Test Graph		Pass	
16QAM	1715	1	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

6.1.5 B4_15MHz

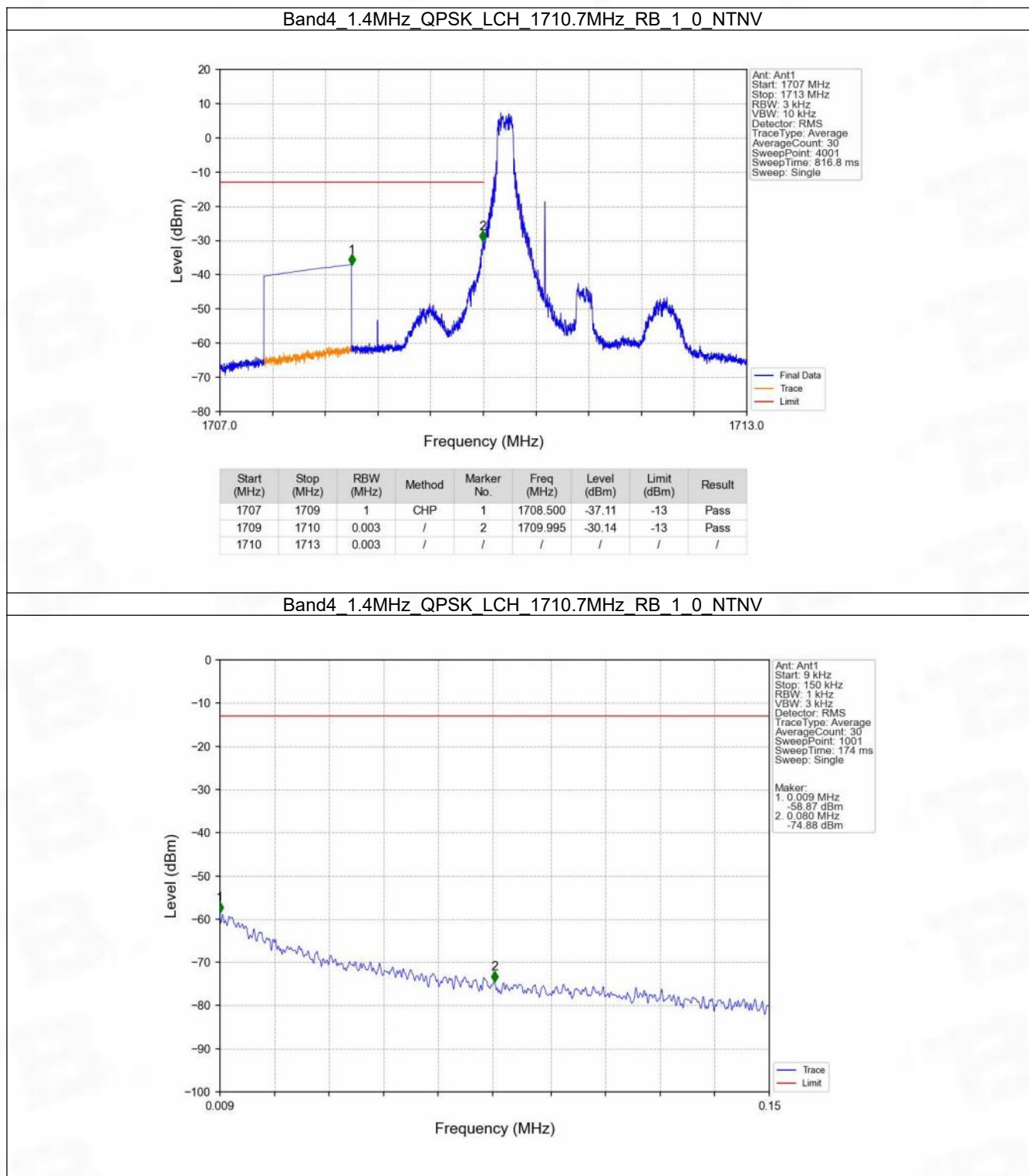
Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	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

6.1.6 B4_20MHz

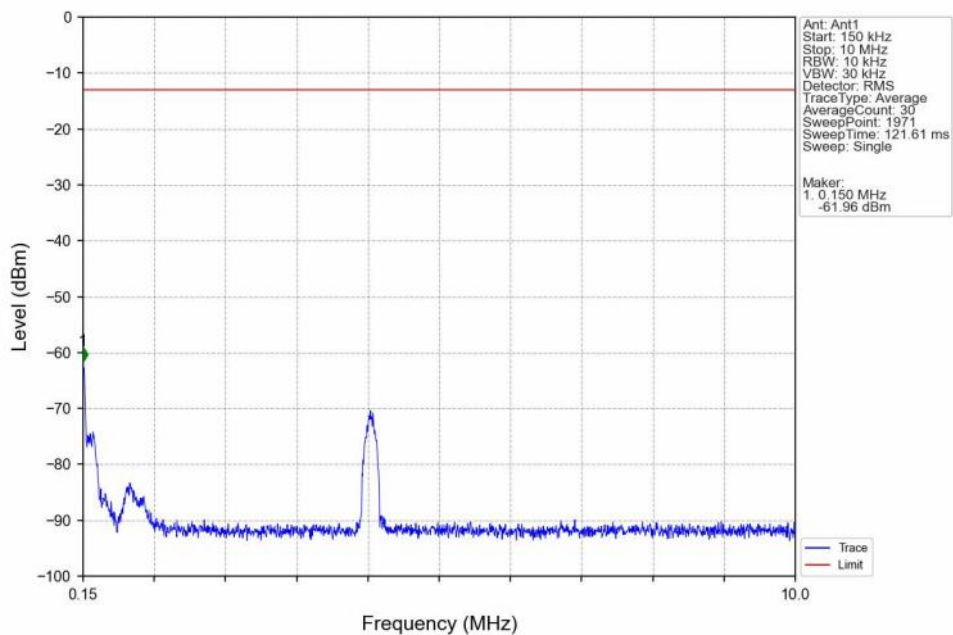
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	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

6.2 Test Graph

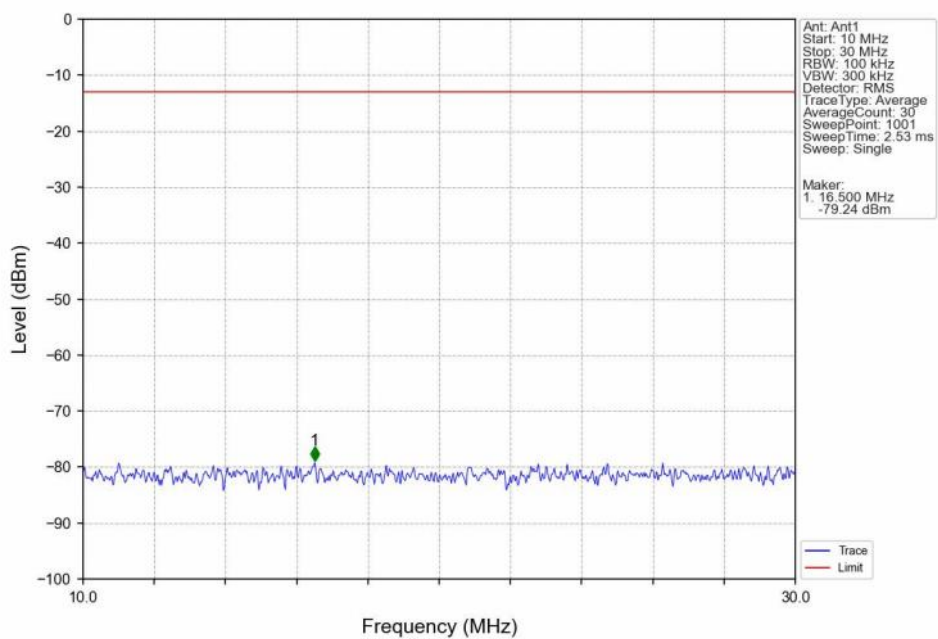
6.2.1 B4_1.4MHz



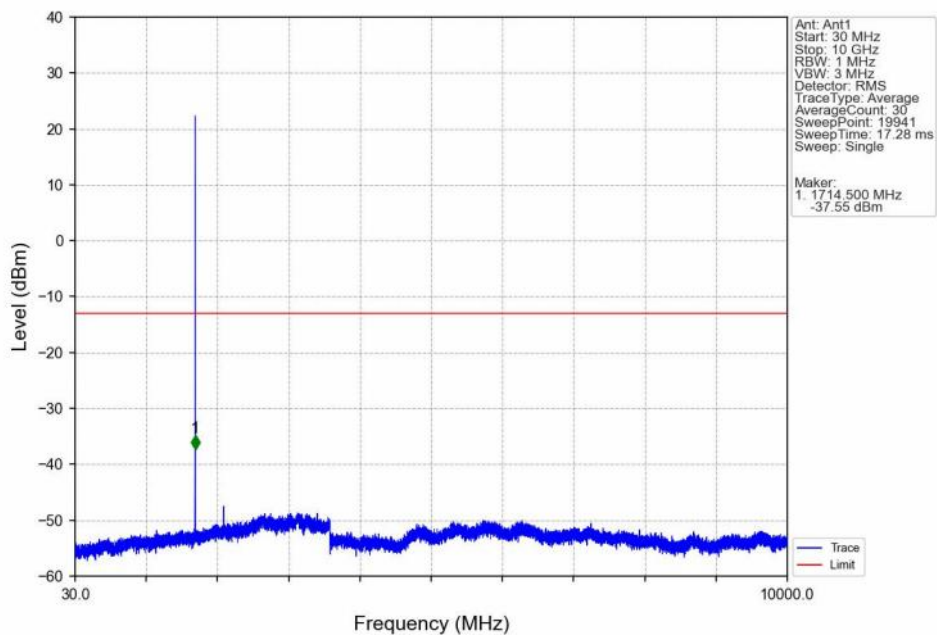
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



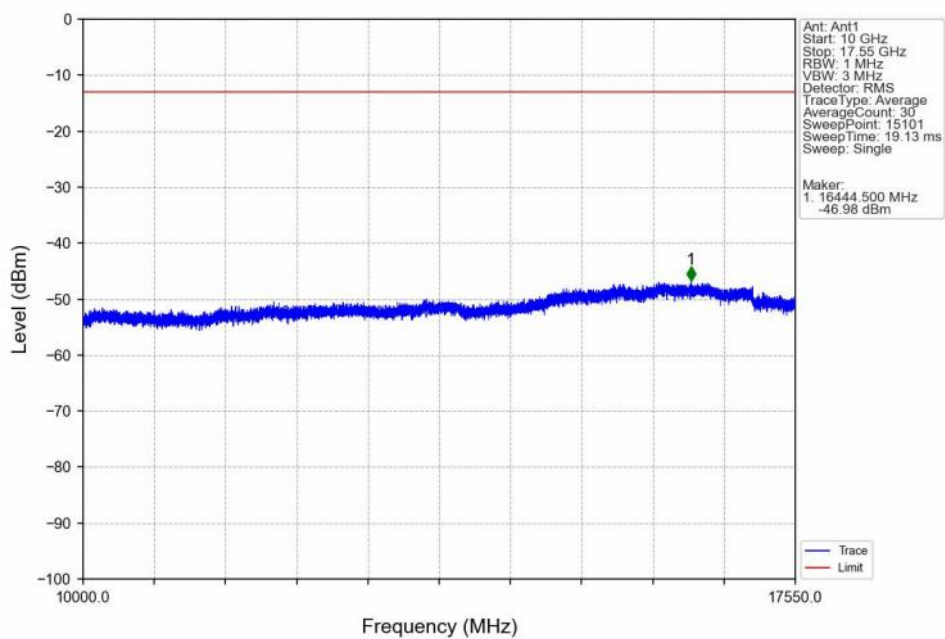
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



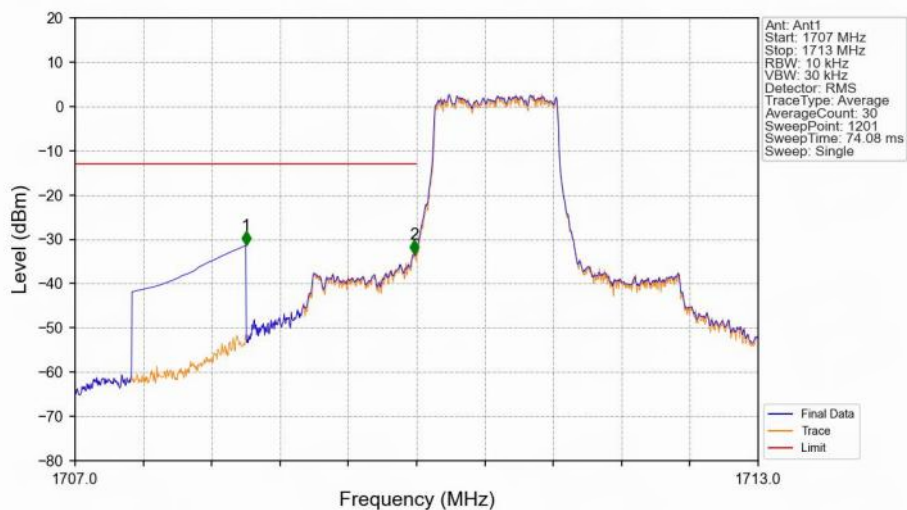
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

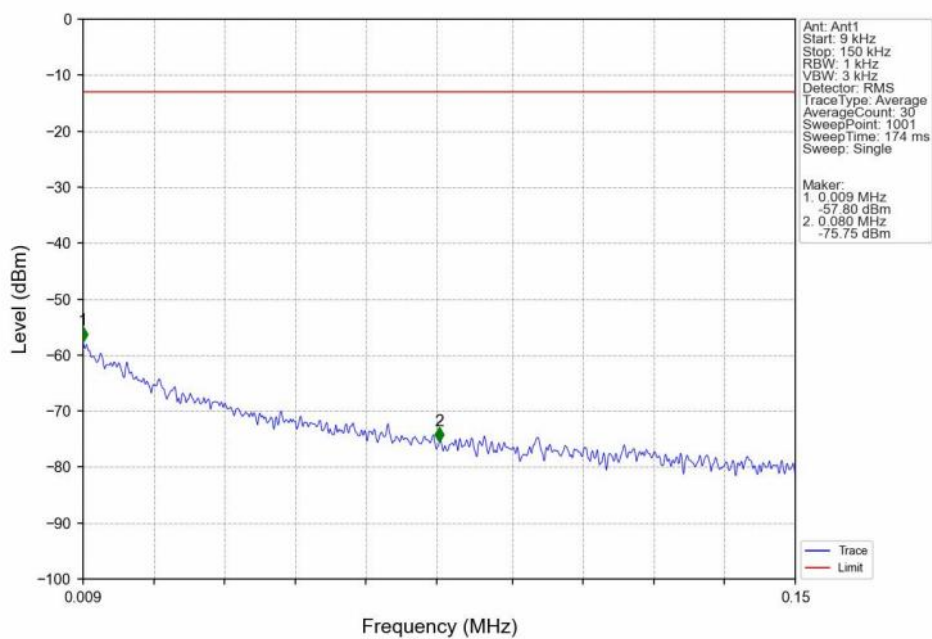


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

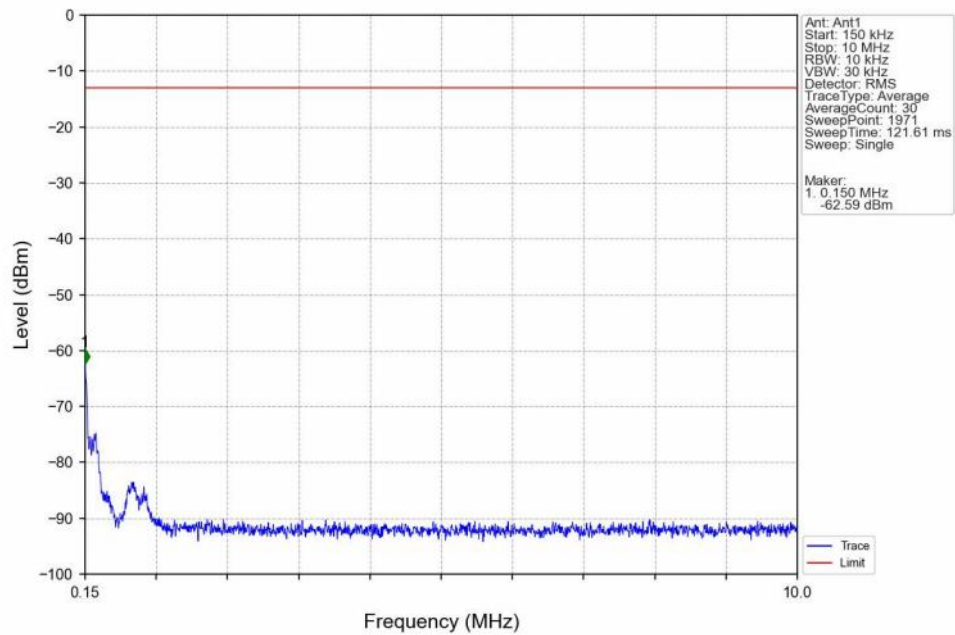


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.35	-13	Pass
1709	1710	0.013	CHP	2	1709.980	-33.29	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

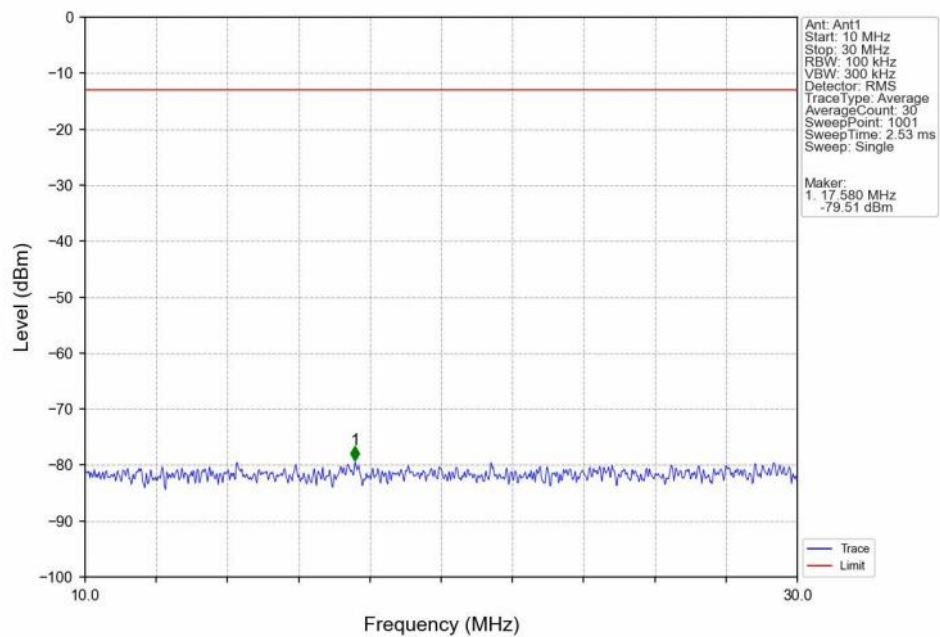
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



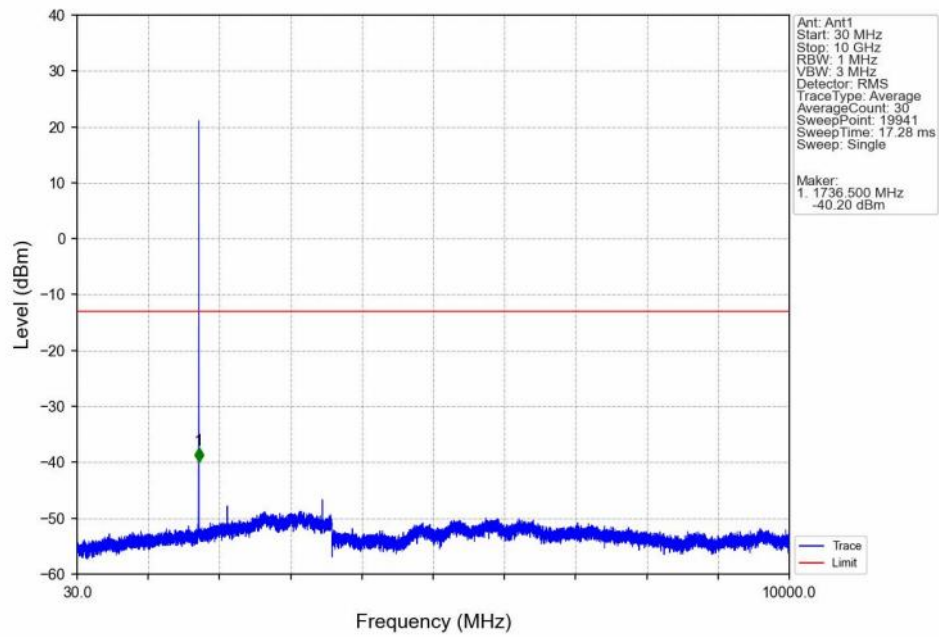
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



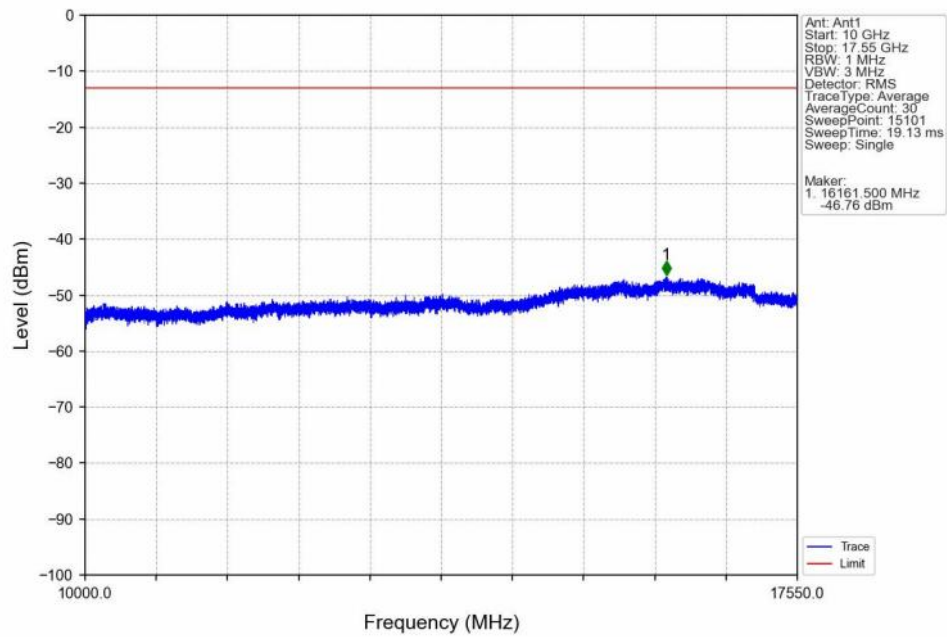
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



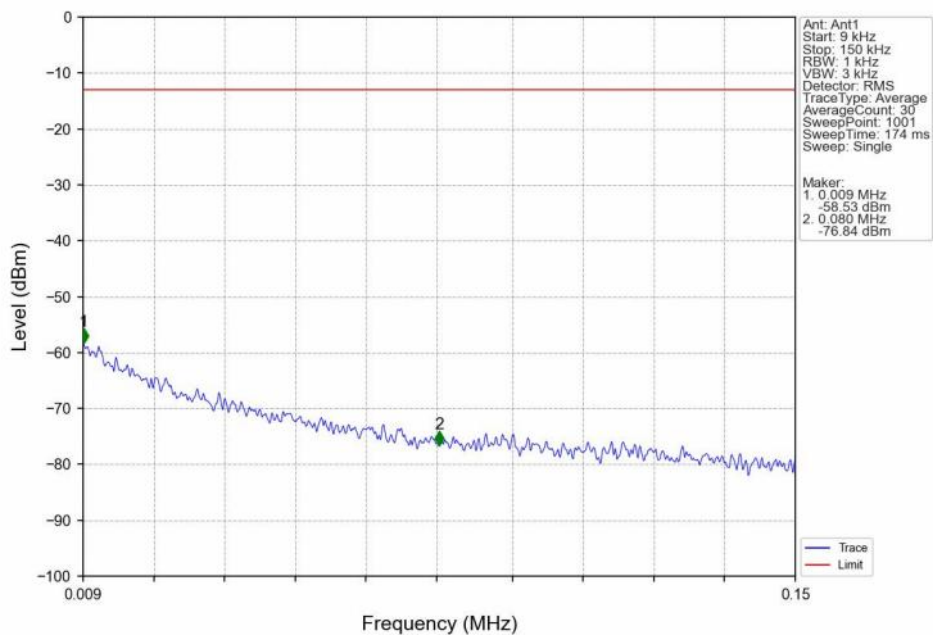
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



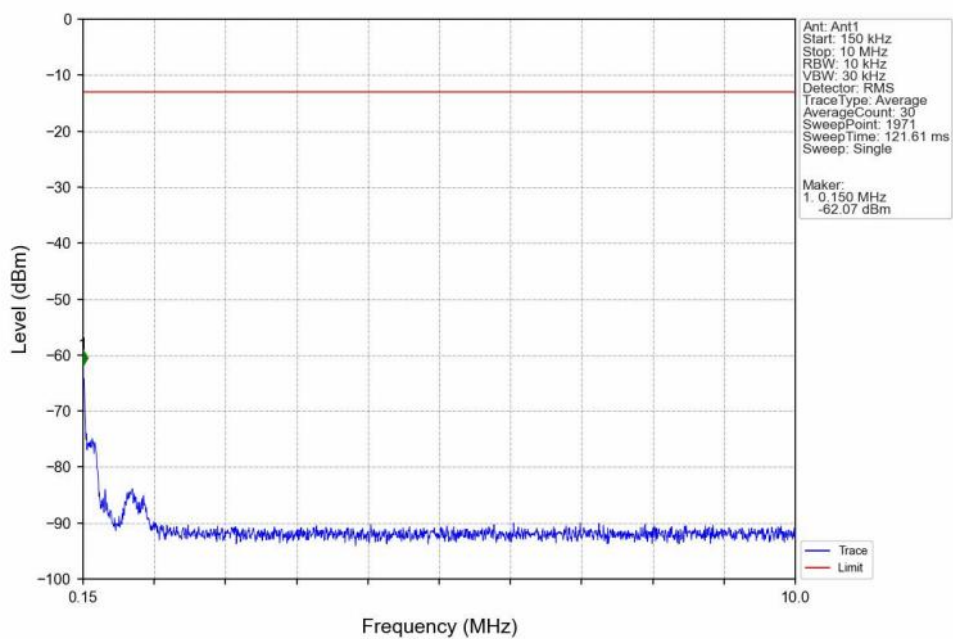
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



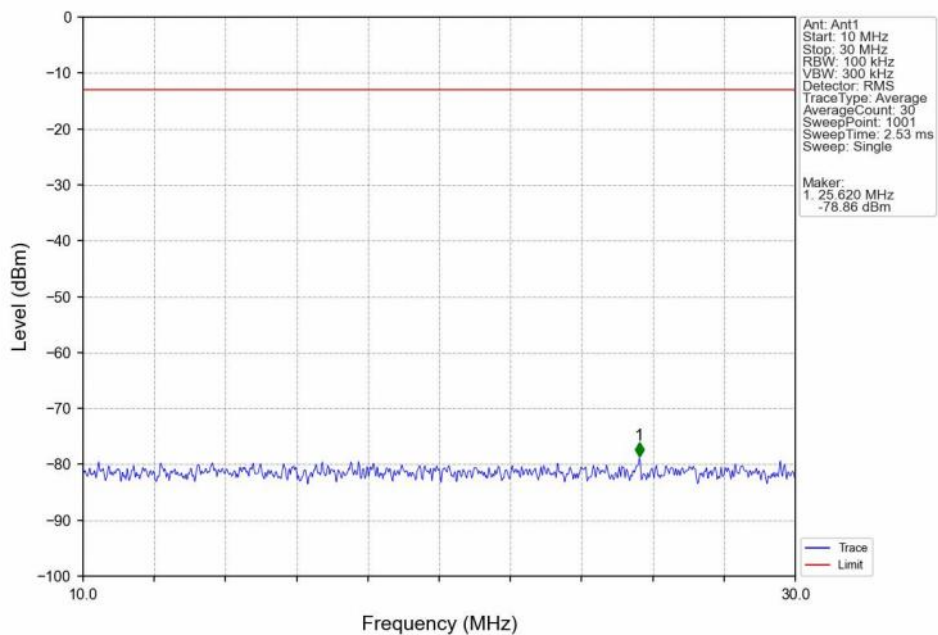
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



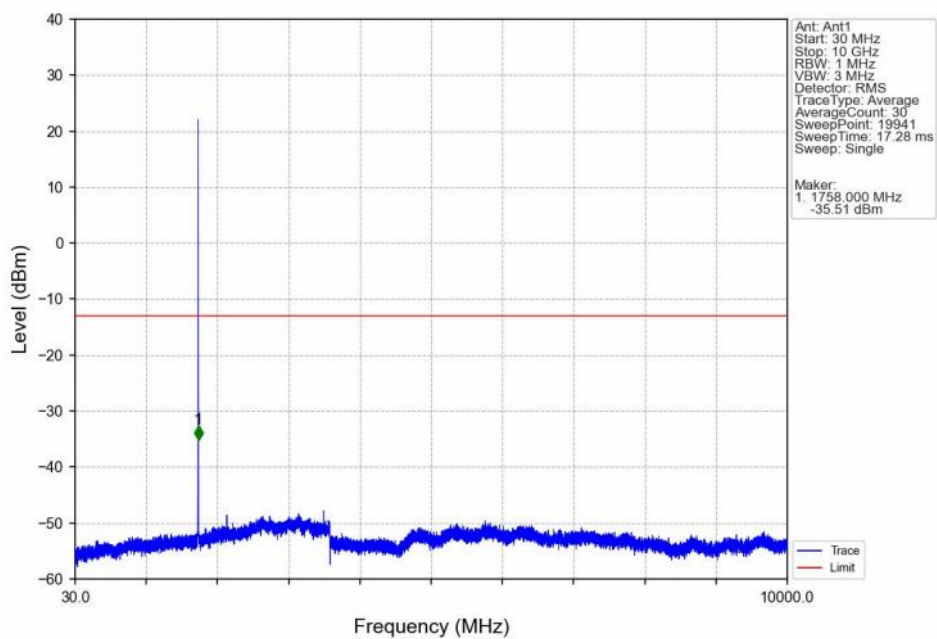
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



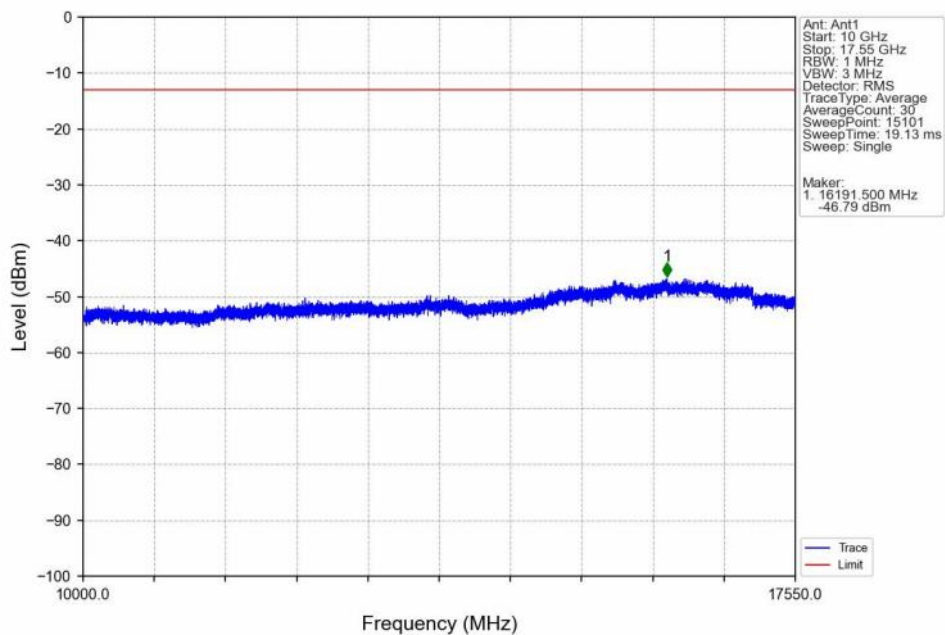
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



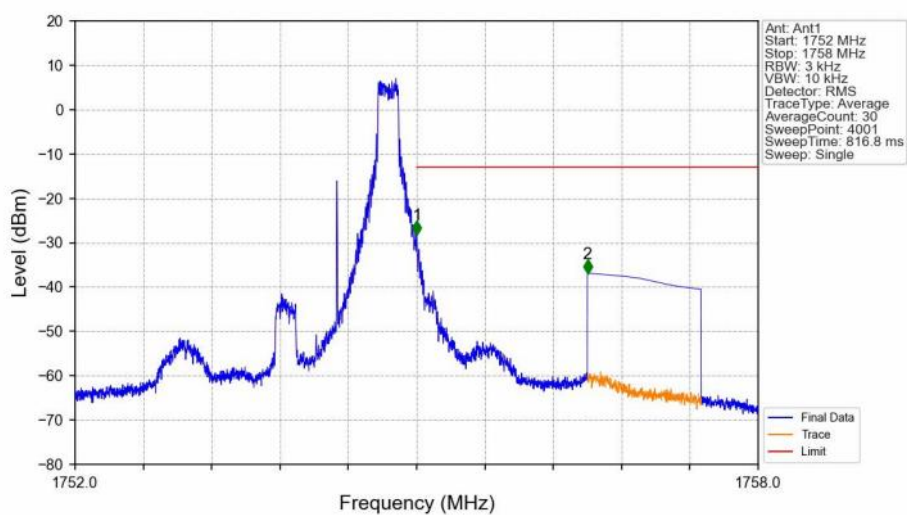
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

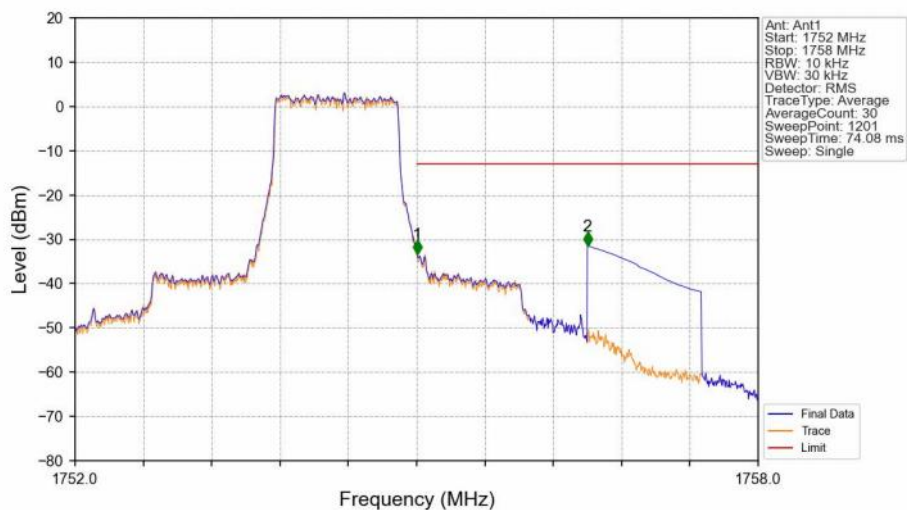


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



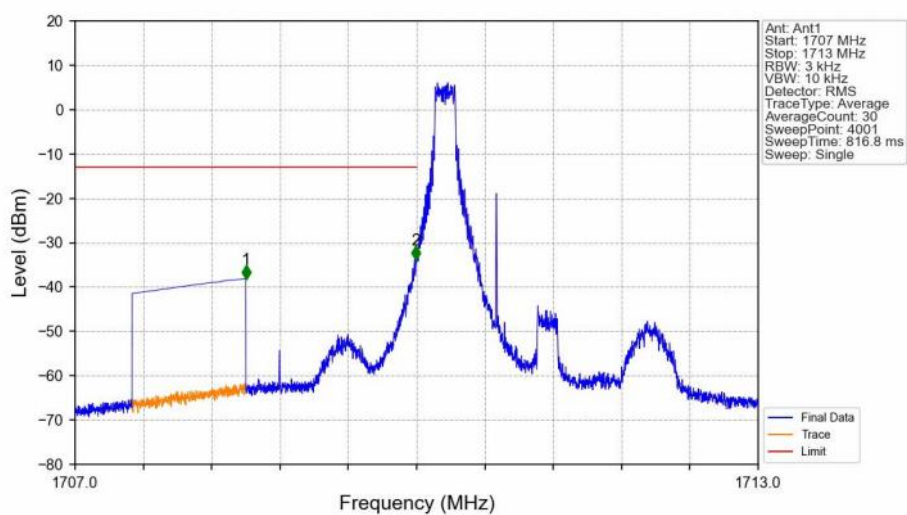
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-28.22	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.89	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



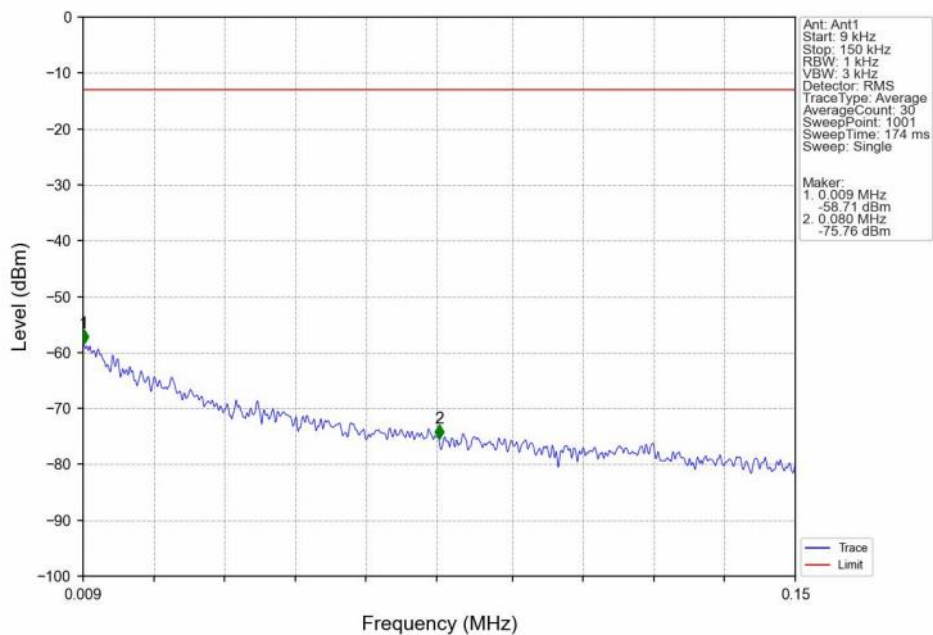
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-33.37	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.49	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

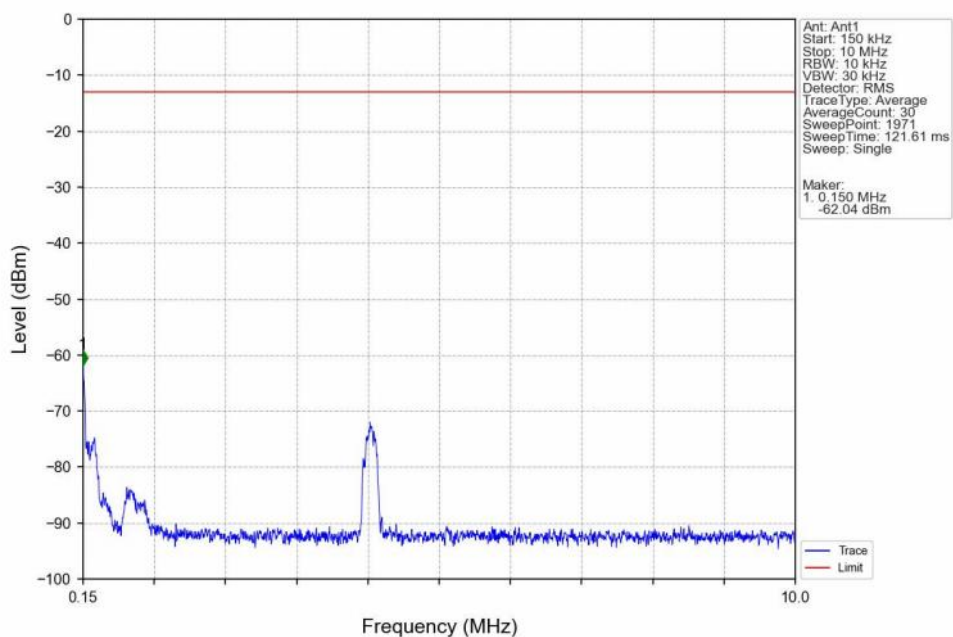


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-38.17	-13	Pass
1709	1710	0.003	/	2	1709.995	-33.78	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

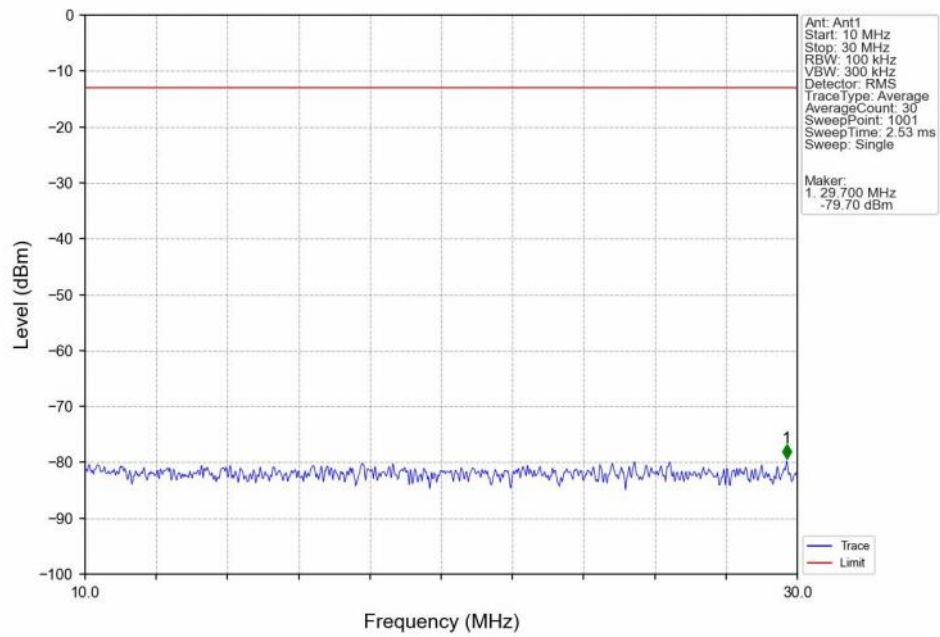
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



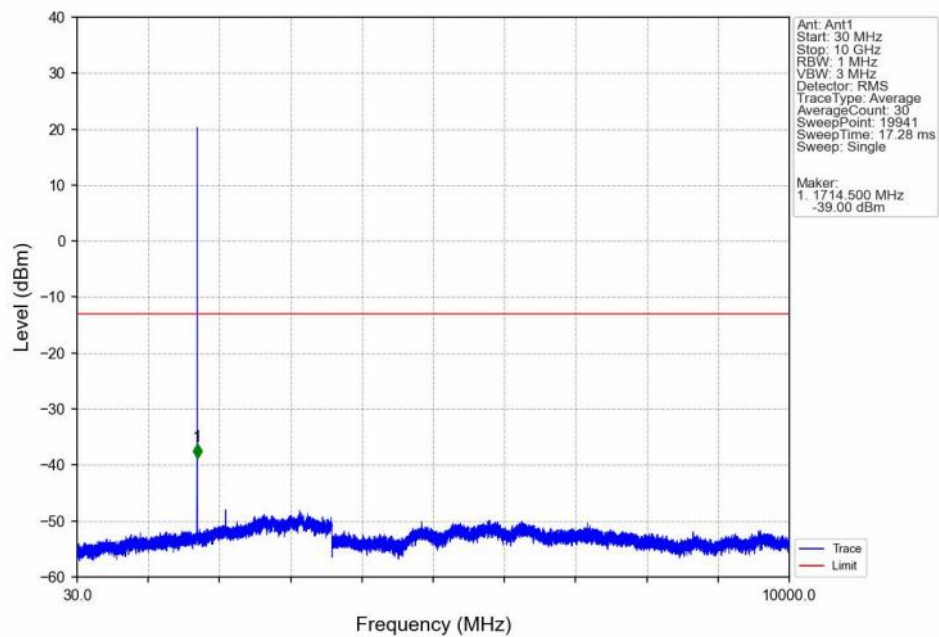
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



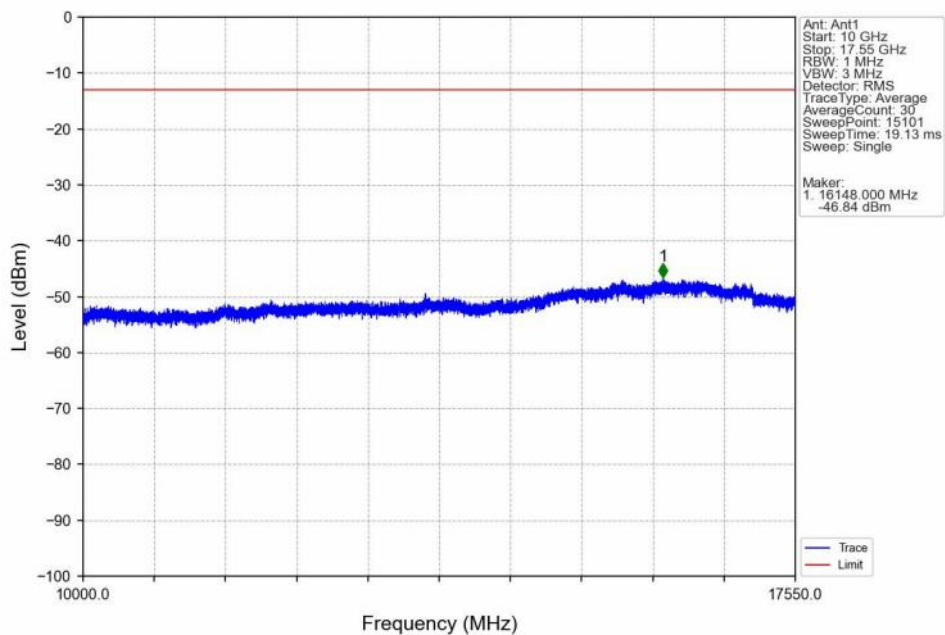
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



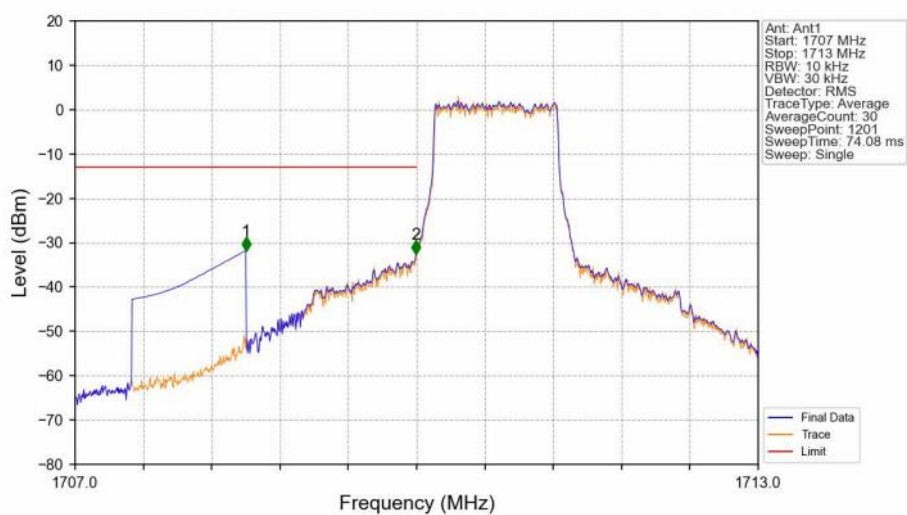
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

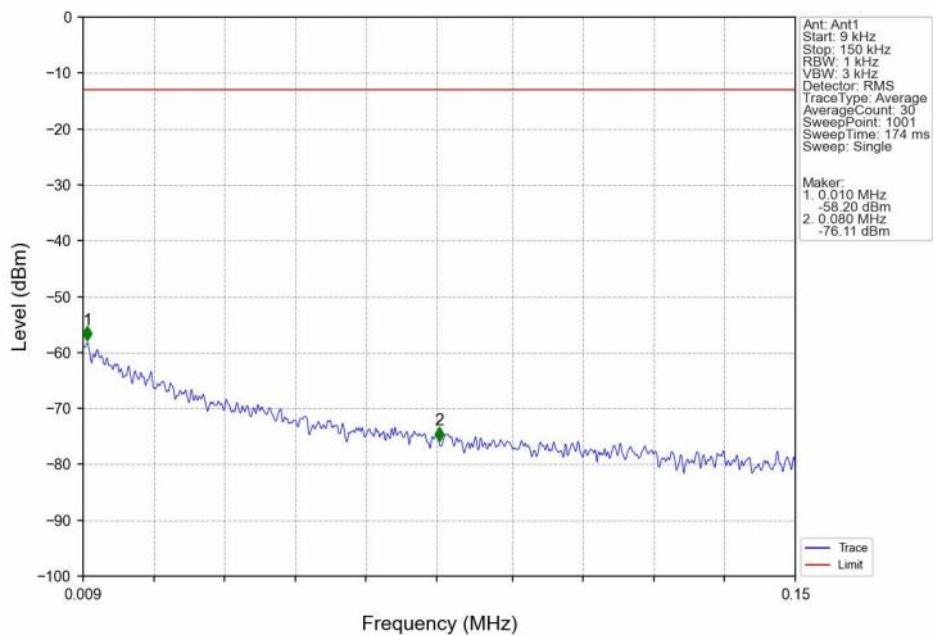


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

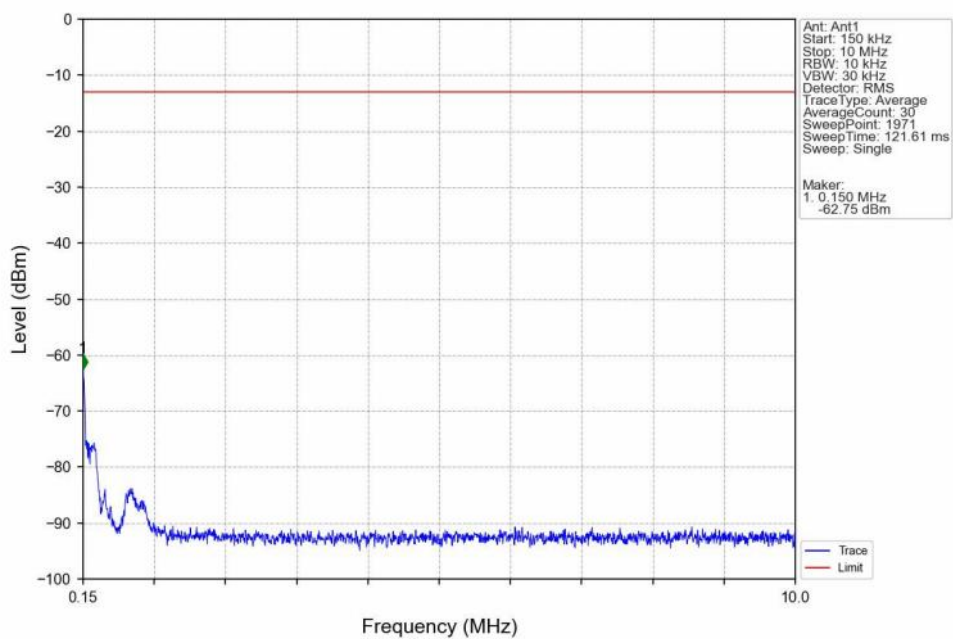


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.79	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.56	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

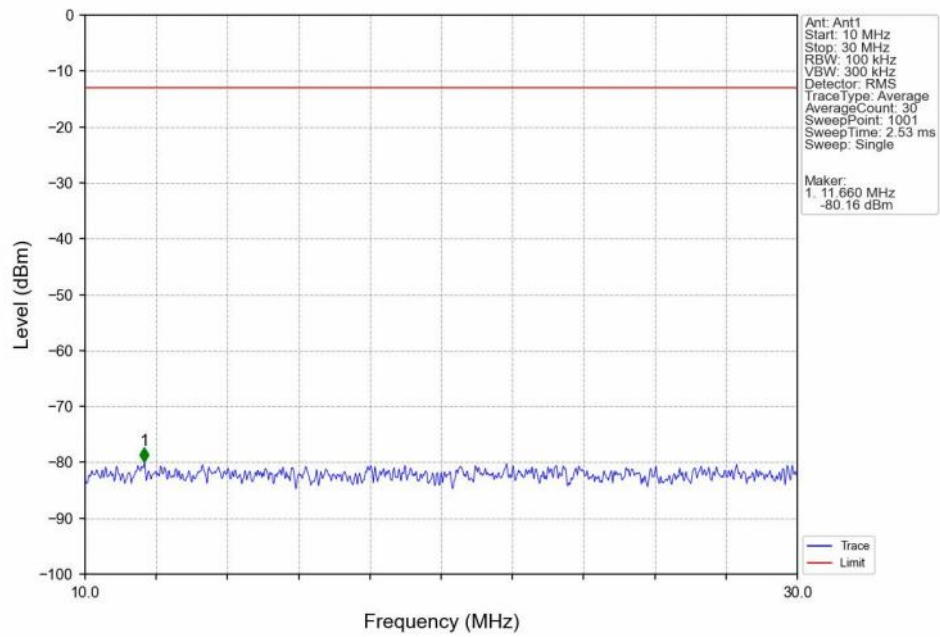
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



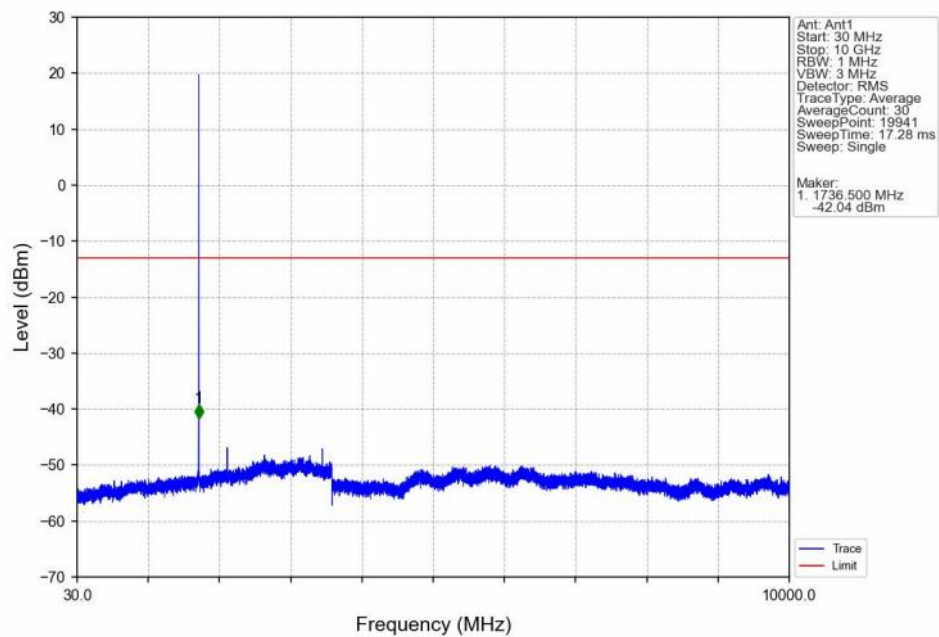
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



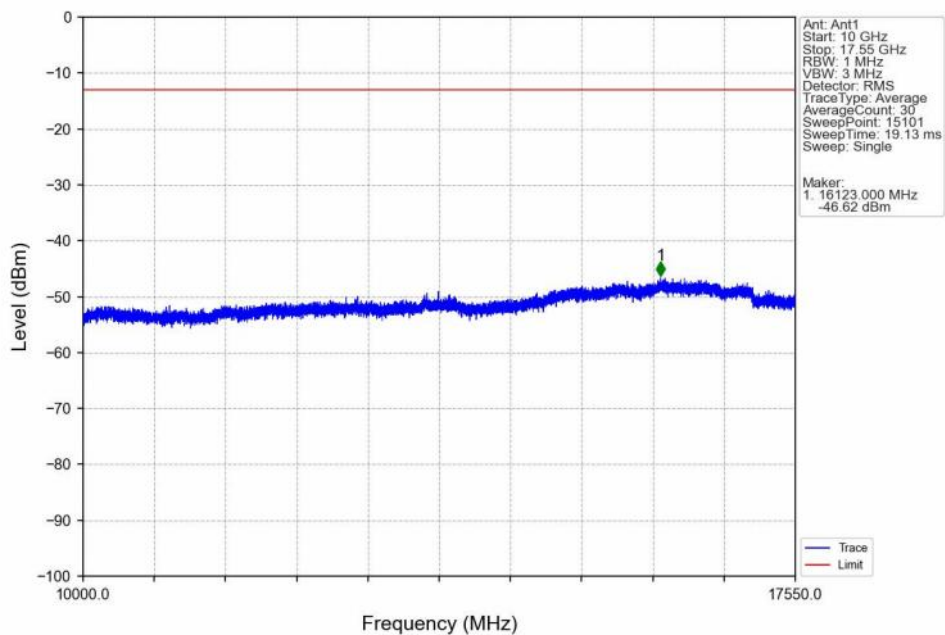
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



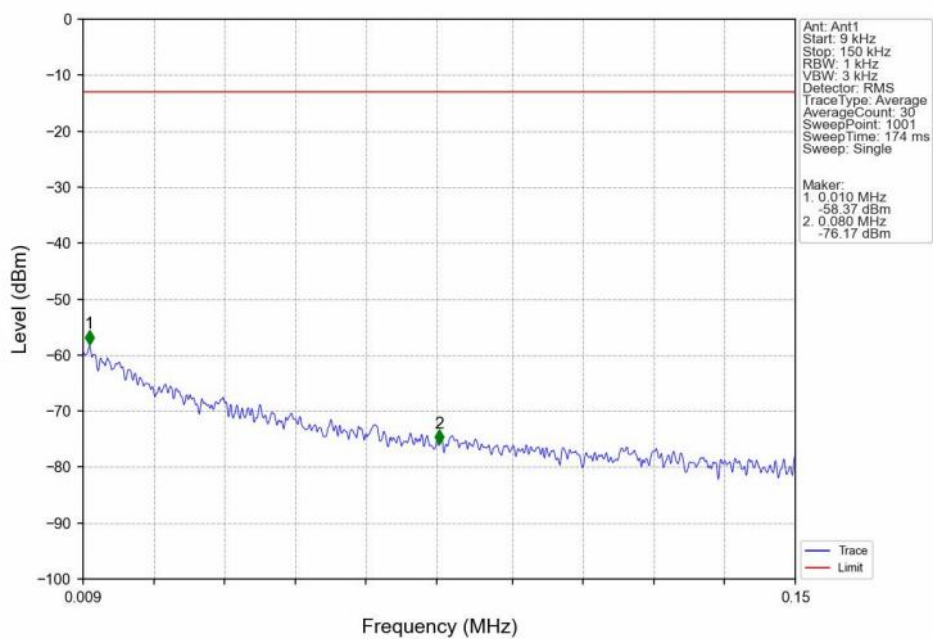
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



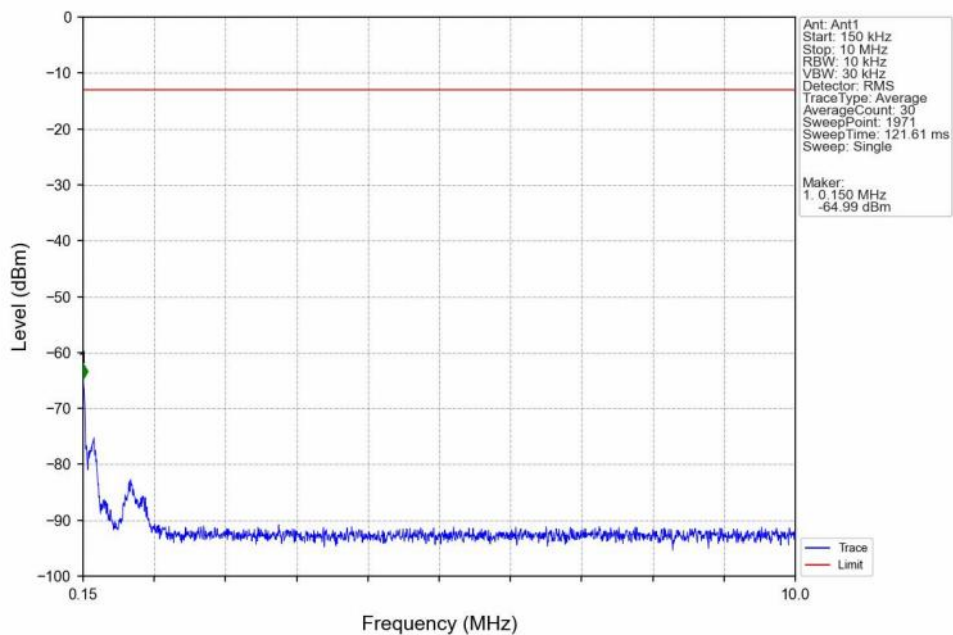
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



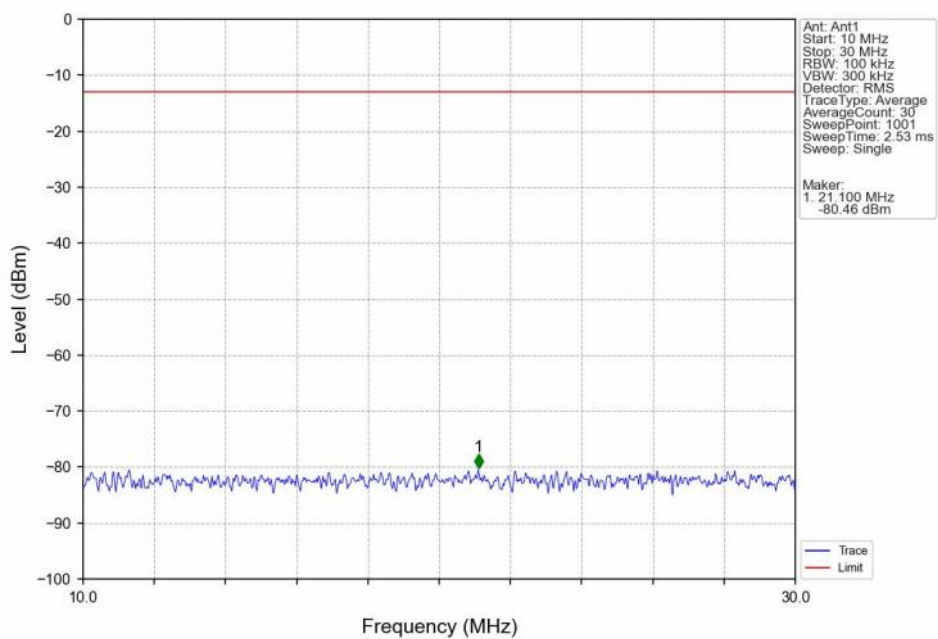
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



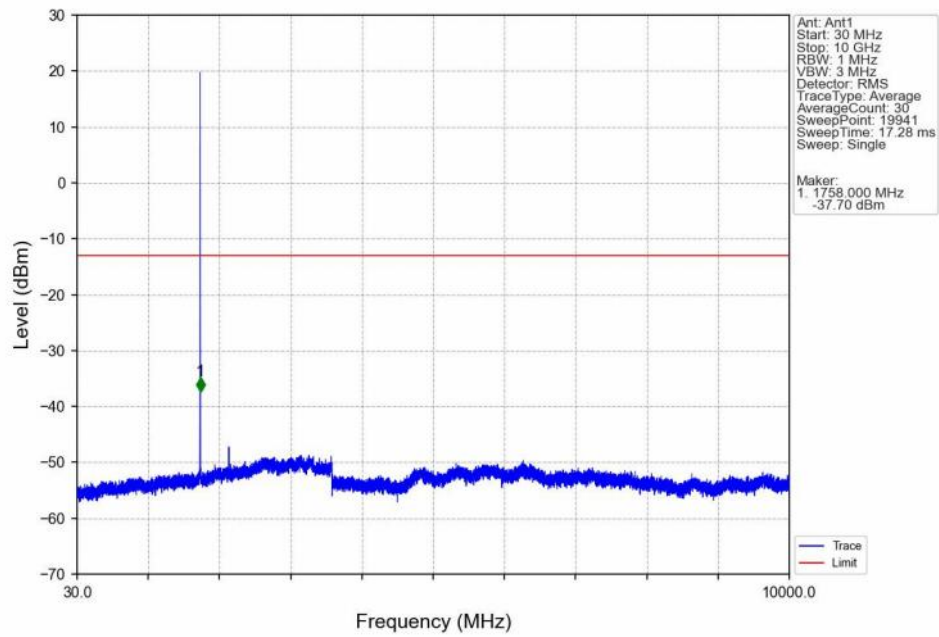
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



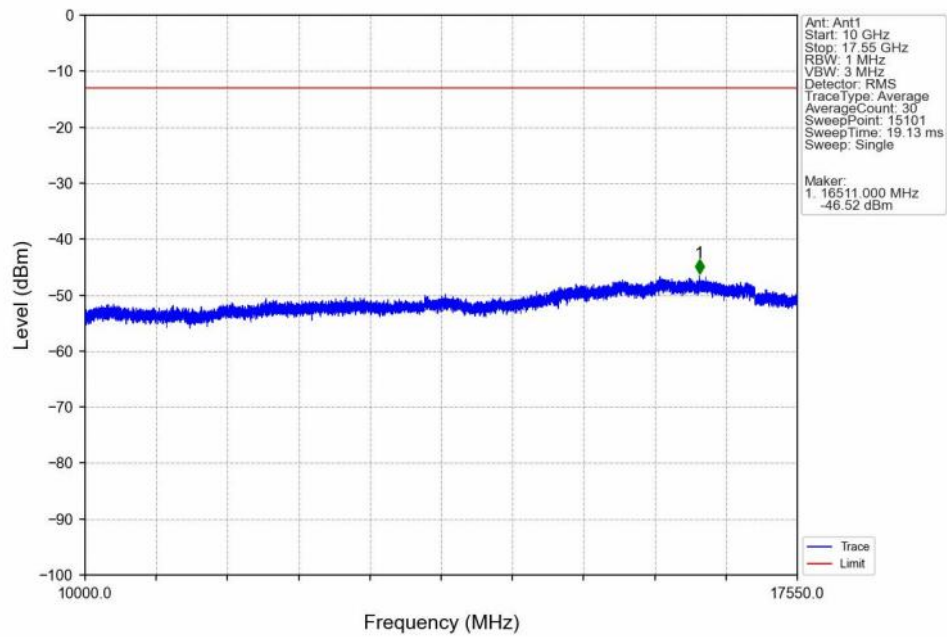
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



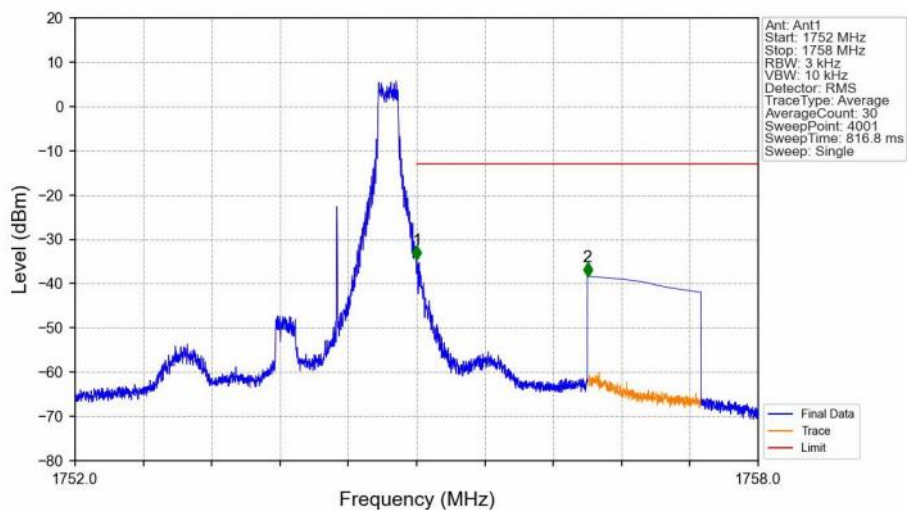
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

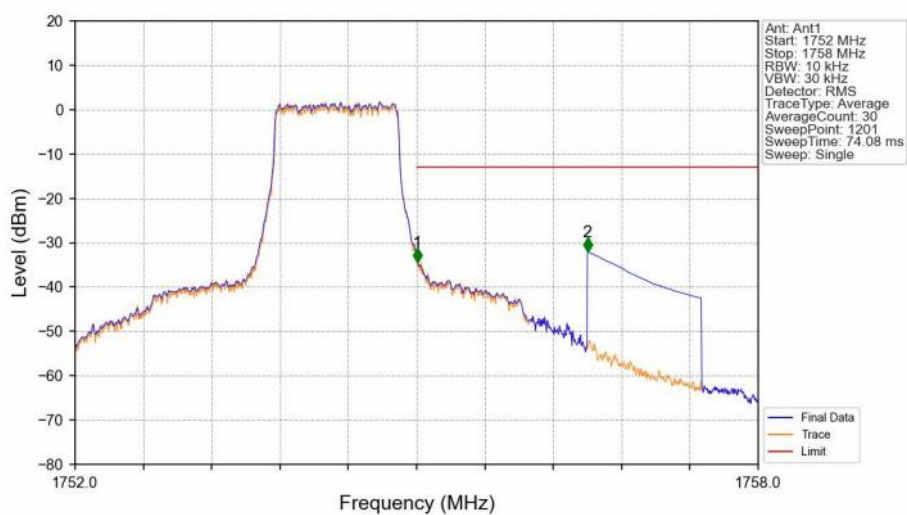


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-34.67	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.36	-13	Pass

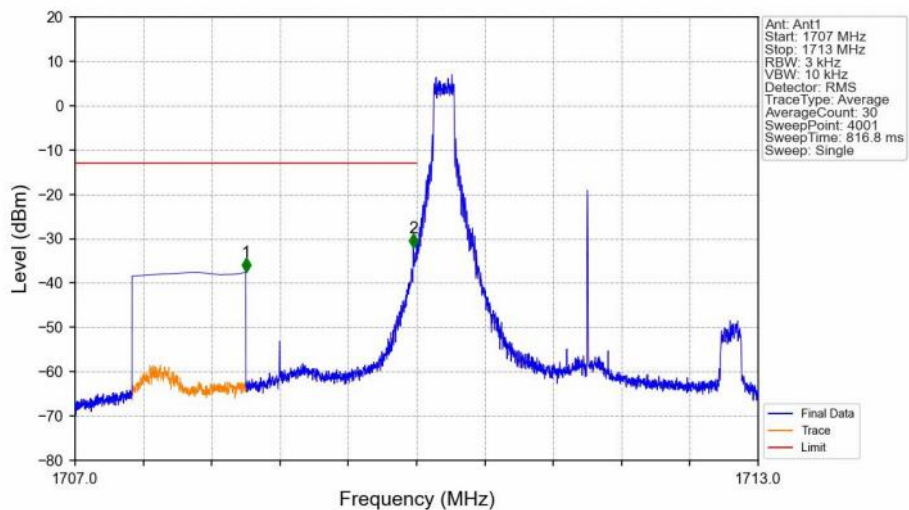
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	-34.40	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.07	-13	Pass

6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

