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	22.48	-1.79	20.69	<=30	Pass
			2	22.39	-1.79	20.60	<=30	Pass
			5	22.50	-1.79	20.71	<=30	Pass
		3	0	22.52	-1.79	20.73	<=30	Pass
			2	22.58	-1.79	20.79	<=30	Pass
			3	22.52	-1.79	20.73	<=30	Pass
		6	0	21.46	-1.79	19.67	<=30	Pass
	1732.5	1	0	22.35	-1.79	20.56	<=30	Pass
			2	22.58	-1.79	20.79	<=30	Pass
			5	22.59	-1.79	20.80	<=30	Pass
		3	0	22.50	-1.79	20.71	<=30	Pass
			2	22.53	-1.79	20.74	<=30	Pass
			3	22.50	-1.79	20.71	<=30	Pass
		6	0	21.37	-1.79	19.58	<=30	Pass
	1754.3	1	0	22.38	-1.79	20.59	<=30	Pass
			2	22.31	-1.79	20.52	<=30	Pass
			5	22.36	-1.79	20.57	<=30	Pass
		3	0	22.33	-1.79	20.54	<=30	Pass
			2	22.32	-1.79	20.53	<=30	Pass
			3	22.26	-1.79	20.47	<=30	Pass
		6	0	21.28	-1.79	19.49	<=30	Pass
16QAM	1710.7	1	0	21.03	-1.79	19.24	<=30	Pass
			2	21.01	-1.79	19.22	<=30	Pass
			5	21.01	-1.79	19.22	<=30	Pass
		3	0	21.30	-1.79	19.51	<=30	Pass
			2	21.33	-1.79	19.54	<=30	Pass
			3	21.30	-1.79	19.51	<=30	Pass
		6	0	20.52	-1.79	18.73	<=30	Pass
	1732.5	1	0	21.68	-1.79	19.89	<=30	Pass
			2	21.61	-1.79	19.82	<=30	Pass
			5	21.68	-1.79	19.89	<=30	Pass
		3	0	21.58	-1.79	19.79	<=30	Pass
			2	21.55	-1.79	19.76	<=30	Pass
			3	21.56	-1.79	19.77	<=30	Pass
		6	0	20.63	-1.79	18.84	<=30	Pass
	1754.3	1	0	21.50	-1.79	19.71	<=30	Pass
			2	21.44	-1.79	19.65	<=30	Pass
			5	21.53	-1.79	19.74	<=30	Pass
		3	0	21.00	-1.79	19.21	<=30	Pass
			2	20.92	-1.79	19.13	<=30	Pass
			3	20.99	-1.79	19.20	<=30	Pass
		6	0	20.32	-1.79	18.53	<=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	22.55	-1.79	20.76	<=30	Pass
			7	22.49	-1.79	20.70	<=30	Pass
			14	22.50	-1.79	20.71	<=30	Pass
		8	0	21.50	-1.79	19.71	<=30	Pass
			4	21.54	-1.79	19.75	<=30	Pass
			7	21.49	-1.79	19.70	<=30	Pass
		15	0	21.47	-1.79	19.68	<=30	Pass
	1732.5	1	0	22.34	-1.79	20.55	<=30	Pass
			7	22.37	-1.79	20.58	<=30	Pass
			14	22.40	-1.79	20.61	<=30	Pass
		8	0	21.34	-1.79	19.55	<=30	Pass
			4	21.39	-1.79	19.60	<=30	Pass
			7	21.36	-1.79	19.57	<=30	Pass
		15	0	21.35	-1.79	19.56	<=30	Pass
	1753.5	1	0	22.29	-1.79	20.50	<=30	Pass
			7	22.31	-1.79	20.52	<=30	Pass
			14	22.30	-1.79	20.51	<=30	Pass
		8	0	21.37	-1.79	19.58	<=30	Pass
			4	21.36	-1.79	19.57	<=30	Pass
			7	21.32	-1.79	19.53	<=30	Pass
		15	0	21.34	-1.79	19.55	<=30	Pass
16QAM	1711.5	1	0	20.95	-1.79	19.16	<=30	Pass
			7	20.95	-1.79	19.16	<=30	Pass
			14	20.98	-1.79	19.19	<=30	Pass
		8	0	20.71	-1.79	18.92	<=30	Pass
			4	20.71	-1.79	18.92	<=30	Pass
			7	20.67	-1.79	18.88	<=30	Pass
		15	0	20.58	-1.79	18.79	<=30	Pass
	1732.5	1	0	22.14	-1.79	20.35	<=30	Pass
			7	22.10	-1.79	20.31	<=30	Pass
			14	22.08	-1.79	20.29	<=30	Pass
		8	0	20.57	-1.79	18.78	<=30	Pass
			4	20.53	-1.79	18.74	<=30	Pass
			7	20.55	-1.79	18.76	<=30	Pass
		15	0	20.46	-1.79	18.67	<=30	Pass
	1753.5	1	0	21.39	-1.79	19.60	<=30	Pass
			7	21.38	-1.79	19.59	<=30	Pass
			14	21.34	-1.79	19.55	<=30	Pass
		8	0	20.48	-1.79	18.69	<=30	Pass
			4	20.42	-1.79	18.63	<=30	Pass
			7	20.51	-1.79	18.72	<=30	Pass
		15	0	20.32	-1.79	18.53	<=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	22.36	-1.79	20.57	<=30	Pass
			13	22.40	-1.79	20.61	<=30	Pass
			24	22.42	-1.79	20.63	<=30	Pass
		12	0	21.48	-1.79	19.69	<=30	Pass
			6	21.44	-1.79	19.65	<=30	Pass
			13	21.48	-1.79	19.69	<=30	Pass

		25	0	21.46	-1.79	19.67	<=30	Pass
	1732.5	1	0	22.41	-1.79	20.62	<=30	Pass
			13	22.58	-1.79	20.79	<=30	Pass
			24	22.52	-1.79	20.73	<=30	Pass
		12	0	21.36	-1.79	19.57	<=30	Pass
			6	21.39	-1.79	19.60	<=30	Pass
			13	21.41	-1.79	19.62	<=30	Pass
		25	0	21.38	-1.79	19.59	<=30	Pass
	1752.5	1	0	22.32	-1.79	20.53	<=30	Pass
			13	22.29	-1.79	20.50	<=30	Pass
			24	22.30	-1.79	20.51	<=30	Pass
		12	0	21.24	-1.79	19.45	<=30	Pass
			6	21.36	-1.79	19.57	<=30	Pass
			13	21.32	-1.79	19.53	<=30	Pass
		25	0	21.35	-1.79	19.56	<=30	Pass
16QAM	1712.5	1	0	21.47	-1.79	19.68	<=30	Pass
			13	21.50	-1.79	19.71	<=30	Pass
			24	21.49	-1.79	19.70	<=30	Pass
		12	0	20.50	-1.79	18.71	<=30	Pass
			6	20.52	-1.79	18.73	<=30	Pass
			13	20.50	-1.79	18.71	<=30	Pass
		25	0	20.57	-1.79	18.78	<=30	Pass
	1732.5	1	0	21.27	-1.79	19.48	<=30	Pass
			13	21.28	-1.79	19.49	<=30	Pass
			24	21.26	-1.79	19.47	<=30	Pass
		12	0	20.35	-1.79	18.56	<=30	Pass
			6	20.27	-1.79	18.48	<=30	Pass
			13	20.27	-1.79	18.48	<=30	Pass
		25	0	20.39	-1.79	18.60	<=30	Pass
	1752.5	1	0	20.35	-1.79	18.56	<=30	Pass
			13	20.41	-1.79	18.62	<=30	Pass
			24	20.43	-1.79	18.64	<=30	Pass
		12	0	20.76	-1.79	18.97	<=30	Pass
			6	20.25	-1.79	18.46	<=30	Pass
			13	20.22	-1.79	18.43	<=30	Pass
		25	0	20.36	-1.79	18.57	<=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	22.44	-1.79	20.65	<=30	Pass
			25	22.45	-1.79	20.66	<=30	Pass
			49	22.38	-1.79	20.59	<=30	Pass
		25	0	21.58	-1.79	19.79	<=30	Pass
			13	21.39	-1.79	19.60	<=30	Pass
			25	21.53	-1.79	19.74	<=30	Pass
		50	0	21.34	-1.79	19.55	<=30	Pass
	1732.5	1	0	22.51	-1.79	20.72	<=30	Pass
			25	22.58	-1.79	20.79	<=30	Pass
			49	22.54	-1.79	20.75	<=30	Pass
		25	0	21.40	-1.79	19.61	<=30	Pass
			13	21.40	-1.79	19.61	<=30	Pass
			25	21.42	-1.79	19.63	<=30	Pass
		50	0	21.43	-1.79	19.64	<=30	Pass

	1750	1	0	22.24	-1.79	20.45	<=30	Pass
			25	22.27	-1.79	20.48	<=30	Pass
			49	22.26	-1.79	20.47	<=30	Pass
		25	0	21.19	-1.79	19.40	<=30	Pass
			13	21.21	-1.79	19.42	<=30	Pass
			25	21.38	-1.79	19.59	<=30	Pass
		50	0	21.28	-1.79	19.49	<=30	Pass
16QAM	1715	1	0	21.23	-1.79	19.44	<=30	Pass
			25	21.18	-1.79	19.39	<=30	Pass
			49	21.20	-1.79	19.41	<=30	Pass
		25	0	20.73	-1.79	18.94	<=30	Pass
			13	21.04	-1.79	19.25	<=30	Pass
			25	20.69	-1.79	18.90	<=30	Pass
		50	0	20.97	-1.79	19.18	<=30	Pass
	1732.5	1	0	21.57	-1.79	19.78	<=30	Pass
			25	21.59	-1.79	19.80	<=30	Pass
			49	21.59	-1.79	19.80	<=30	Pass
		25	0	20.55	-1.79	18.76	<=30	Pass
			13	20.57	-1.79	18.78	<=30	Pass
			25	20.60	-1.79	18.81	<=30	Pass
		50	0	20.56	-1.79	18.77	<=30	Pass
	1750	1	0	21.55	-1.79	19.76	<=30	Pass
			25	21.51	-1.79	19.72	<=30	Pass
			49	21.52	-1.79	19.73	<=30	Pass
		25	0	20.21	-1.79	18.42	<=30	Pass
			13	20.15	-1.79	18.36	<=30	Pass
			25	20.23	-1.79	18.44	<=30	Pass
		50	0	20.28	-1.79	18.49	<=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	22.35	-1.79	20.56	<=30	Pass
			38	22.29	-1.79	20.50	<=30	Pass
			74	22.33	-1.79	20.54	<=30	Pass
		36	0	21.37	-1.79	19.58	<=30	Pass
			18	21.41	-1.79	19.62	<=30	Pass
			39	21.47	-1.79	19.68	<=30	Pass
		75	0	21.45	-1.79	19.66	<=30	Pass
	1732.5	1	0	22.35	-1.79	20.56	<=30	Pass
			38	22.34	-1.79	20.55	<=30	Pass
			74	22.35	-1.79	20.56	<=30	Pass
		36	0	21.41	-1.79	19.62	<=30	Pass
			18	21.38	-1.79	19.59	<=30	Pass
			39	21.37	-1.79	19.58	<=30	Pass
		75	0	21.32	-1.79	19.53	<=30	Pass
	1747.5	1	0	22.28	-1.79	20.49	<=30	Pass
			38	22.27	-1.79	20.48	<=30	Pass
			74	22.26	-1.79	20.47	<=30	Pass
		36	0	21.23	-1.79	19.44	<=30	Pass
			18	21.15	-1.79	19.36	<=30	Pass
			39	21.24	-1.79	19.45	<=30	Pass
		75	0	21.23	-1.79	19.44	<=30	Pass
16QAM	1717.5	1	0	21.50	-1.79	19.71	<=30	Pass

			38	21.63	-1.79	19.84	<=30	Pass
			74	21.56	-1.79	19.77	<=30	Pass
		36	0	20.96	-1.79	19.17	<=30	Pass
			18	20.48	-1.79	18.69	<=30	Pass
			39	20.52	-1.79	18.73	<=30	Pass
		75	0	20.47	-1.79	18.68	<=30	Pass
	1732.5	1	0	22.13	-1.79	20.34	<=30	Pass
			38	22.08	-1.79	20.29	<=30	Pass
			74	22.19	-1.79	20.40	<=30	Pass
		36	0	20.34	-1.79	18.55	<=30	Pass
			18	20.45	-1.79	18.66	<=30	Pass
			39	20.44	-1.79	18.65	<=30	Pass
		75	0	20.53	-1.79	18.74	<=30	Pass
	1747.5	1	0	21.39	-1.79	19.60	<=30	Pass
			38	21.46	-1.79	19.67	<=30	Pass
			74	21.48	-1.79	19.69	<=30	Pass
		36	0	20.40	-1.79	18.61	<=30	Pass
			18	20.43	-1.79	18.64	<=30	Pass
			39	20.92	-1.79	19.13	<=30	Pass
		75	0	20.31	-1.79	18.52	<=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	22.49	-1.79	20.70	<=30	Pass
			50	22.56	-1.79	20.77	<=30	Pass
			99	22.50	-1.79	20.71	<=30	Pass
		50	0	21.42	-1.79	19.63	<=30	Pass
			25	21.41	-1.79	19.62	<=30	Pass
			50	21.42	-1.79	19.63	<=30	Pass
		100	0	21.50	-1.79	19.71	<=30	Pass
	1732.5	1	0	22.45	-1.79	20.66	<=30	Pass
			50	22.48	-1.79	20.69	<=30	Pass
			99	22.32	-1.79	20.53	<=30	Pass
		50	0	21.44	-1.79	19.65	<=30	Pass
			25	21.37	-1.79	19.58	<=30	Pass
			50	21.31	-1.79	19.52	<=30	Pass
		100	0	21.36	-1.79	19.57	<=30	Pass
	1745	1	0	22.56	-1.79	20.77	<=30	Pass
			50	22.53	-1.79	20.74	<=30	Pass
			99	22.45	-1.79	20.66	<=30	Pass
		50	0	21.22	-1.79	19.43	<=30	Pass
			25	21.19	-1.79	19.40	<=30	Pass
			50	21.18	-1.79	19.39	<=30	Pass
		100	0	21.27	-1.79	19.48	<=30	Pass
16QAM	1720	1	0	22.24	-1.79	20.45	<=30	Pass
			50	22.31	-1.79	20.52	<=30	Pass
			99	22.23	-1.79	20.44	<=30	Pass
		50	0	20.86	-1.79	19.07	<=30	Pass
			25	20.48	-1.79	18.69	<=30	Pass
			50	20.43	-1.79	18.64	<=30	Pass
		100	0	20.54	-1.79	18.75	<=30	Pass
	1732.5	1	0	21.83	-1.79	20.04	<=30	Pass
			50	21.66	-1.79	19.87	<=30	Pass

			99	21.55	-1.79	19.76	<=30	Pass
		50	0	20.51	-1.79	18.72	<=30	Pass
			25	20.50	-1.79	18.71	<=30	Pass
			50	20.48	-1.79	18.69	<=30	Pass
		100	0	20.43	-1.79	18.64	<=30	Pass
	1745	1	0	20.53	-1.79	18.74	<=30	Pass
			50	20.64	-1.79	18.85	<=30	Pass
			99	21.02	-1.79	19.23	<=30	Pass
		50	0	20.79	-1.79	19.00	<=30	Pass
			25	20.33	-1.79	18.54	<=30	Pass
			50	20.32	-1.79	18.53	<=30	Pass
		100	0	20.29	-1.79	18.50	<=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	-17.152	-0.0100	-2.5 to 2.5	Pass
					3.85	9.227	0.0054	-2.5 to 2.5	Pass
					4.43	24.576	0.0144	-2.5 to 2.5	Pass
				-30	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	8.740	0.0051	-2.5 to 2.5	Pass
				-10	3.85	22.130	0.0129	-2.5 to 2.5	Pass
				0	3.85	31.743	0.0186	-2.5 to 2.5	Pass
				10	3.85	39.883	0.0233	-2.5 to 2.5	Pass
				30	3.85	8.068	0.0047	-2.5 to 2.5	Pass
				40	3.85	12.202	0.0071	-2.5 to 2.5	Pass
				50	3.85	15.793	0.0092	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	5.107	0.0029	-2.5 to 2.5	Pass
					4.43	13.018	0.0075	-2.5 to 2.5	Pass
				-30	3.85	21.544	0.0124	-2.5 to 2.5	Pass
				-20	3.85	31.800	0.0184	-2.5 to 2.5	Pass
				-10	3.85	42.214	0.0244	-2.5 to 2.5	Pass
				0	3.85	3.104	0.0018	-2.5 to 2.5	Pass
				10	3.85	14.362	0.0083	-2.5 to 2.5	Pass
				30	3.85	24.033	0.0139	-2.5 to 2.5	Pass
				40	3.85	34.618	0.0200	-2.5 to 2.5	Pass
				50	3.85	7.181	0.0041	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	10.643	0.0061	-2.5 to 2.5	Pass
					3.85	10.457	0.0060	-2.5 to 2.5	Pass
					4.43	9.699	0.0055	-2.5 to 2.5	Pass
				-30	3.85	11.115	0.0063	-2.5 to 2.5	Pass
				-20	3.85	14.434	0.0082	-2.5 to 2.5	Pass
				-10	3.85	16.665	0.0095	-2.5 to 2.5	Pass
				0	3.85	18.711	0.0107	-2.5 to 2.5	Pass
				10	3.85	21.615	0.0123	-2.5 to 2.5	Pass
				30	3.85	23.761	0.0135	-2.5 to 2.5	Pass
				40	3.85	26.565	0.0151	-2.5 to 2.5	Pass
				50	3.85	29.354	0.0167	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	18.497	0.0108	-2.5 to 2.5	Pass
					3.85	19.140	0.0112	-2.5 to 2.5	Pass
					4.43	15.736	0.0092	-2.5 to 2.5	Pass
				-30	3.85	11.559	0.0068	-2.5 to 2.5	Pass
				-20	3.85	8.740	0.0051	-2.5 to 2.5	Pass
				-10	3.85	7.224	0.0042	-2.5 to 2.5	Pass
				0	3.85	5.708	0.0033	-2.5 to 2.5	Pass
				10	3.85	4.821	0.0028	-2.5 to 2.5	Pass
				30	3.85	3.920	0.0023	-2.5 to 2.5	Pass
				40	3.85	3.991	0.0023	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0021	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	18.983	0.0110	-2.5 to 2.5	Pass
					3.85	28.796	0.0166	-2.5 to 2.5	Pass
					4.43	-12.288	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				-10	3.85	8.569	0.0049	-2.5 to 2.5	Pass
				0	3.85	14.935	0.0086	-2.5 to 2.5	Pass
				10	3.85	20.528	0.0118	-2.5 to 2.5	Pass
				30	3.85	25.992	0.0150	-2.5 to 2.5	Pass
				40	3.85	30.184	0.0174	-2.5 to 2.5	Pass
				50	3.85	34.418	0.0199	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	31.829	0.0181	-2.5 to 2.5	Pass
					3.85	34.504	0.0197	-2.5 to 2.5	Pass
					4.43	36.721	0.0209	-2.5 to 2.5	Pass
				-30	3.85	38.438	0.0219	-2.5 to 2.5	Pass
				-20	3.85	40.855	0.0233	-2.5 to 2.5	Pass
				-10	3.85	42.386	0.0242	-2.5 to 2.5	Pass
				0	3.85	44.489	0.0254	-2.5 to 2.5	Pass
				10	3.85	46.349	0.0264	-2.5 to 2.5	Pass
				30	3.85	11.458	0.0065	-2.5 to 2.5	Pass
				40	3.85	12.045	0.0069	-2.5 to 2.5	Pass
				50	3.85	13.990	0.0080	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	1.402	0.0008	-2.5 to 2.5	Pass
					3.85	15.936	0.0093	-2.5 to 2.5	Pass
					4.43	15.349	0.0090	-2.5 to 2.5	Pass
				-30	3.85	27.151	0.0159	-2.5 to 2.5	Pass
				-20	3.85	12.589	0.0074	-2.5 to 2.5	Pass
				-10	3.85	31.543	0.0184	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.85	15.979	0.0093	-2.5 to 2.5	Pass
				30	3.85	31.314	0.0183	-2.5 to 2.5	Pass
				40	3.85	21.014	0.0123	-2.5 to 2.5	Pass
				50	3.85	33.402	0.0195	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	16.294	0.0094	-2.5 to 2.5	Pass
					3.85	16.294	0.0094	-2.5 to 2.5	Pass
					4.43	17.953	0.0104	-2.5 to 2.5	Pass
				-30	3.85	19.484	0.0112	-2.5 to 2.5	Pass
				-20	3.85	23.031	0.0133	-2.5 to 2.5	Pass
				-10	3.85	26.279	0.0152	-2.5 to 2.5	Pass
				0	3.85	29.197	0.0169	-2.5 to 2.5	Pass

				10	3.85	32.716	0.0189	-2.5 to 2.5	Pass
				30	3.85	36.778	0.0212	-2.5 to 2.5	Pass
				40	3.85	39.740	0.0229	-2.5 to 2.5	Pass
				50	3.85	42.672	0.0246	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-1.702	-0.0010	-2.5 to 2.5	Pass
					3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-11.959	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-10.643	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0018	-2.5 to 2.5	Pass
				50	3.85	6.881	0.0039	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	9.642	0.0056	-2.5 to 2.5	Pass
					3.85	22.202	0.0130	-2.5 to 2.5	Pass
					4.43	31.328	0.0183	-2.5 to 2.5	Pass
				-30	3.85	38.438	0.0225	-2.5 to 2.5	Pass
				-20	3.85	8.197	0.0048	-2.5 to 2.5	Pass
				-10	3.85	14.162	0.0083	-2.5 to 2.5	Pass
				0	3.85	19.870	0.0116	-2.5 to 2.5	Pass
				10	3.85	25.148	0.0147	-2.5 to 2.5	Pass
				30	3.85	28.925	0.0169	-2.5 to 2.5	Pass
				40	3.85	34.461	0.0201	-2.5 to 2.5	Pass
				50	3.85	38.881	0.0227	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	46.620	0.0269	-2.5 to 2.5	Pass
					3.85	13.704	0.0079	-2.5 to 2.5	Pass
					4.43	16.465	0.0095	-2.5 to 2.5	Pass
				-30	3.85	17.681	0.0102	-2.5 to 2.5	Pass
				-20	3.85	20.227	0.0117	-2.5 to 2.5	Pass
				-10	3.85	22.302	0.0129	-2.5 to 2.5	Pass
				0	3.85	24.161	0.0139	-2.5 to 2.5	Pass
				10	3.85	26.121	0.0151	-2.5 to 2.5	Pass
				30	3.85	28.825	0.0166	-2.5 to 2.5	Pass
				40	3.85	30.642	0.0177	-2.5 to 2.5	Pass
				50	3.85	31.371	0.0181	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	10.829	0.0062	-2.5 to 2.5	Pass
					3.85	15.392	0.0088	-2.5 to 2.5	Pass
					4.43	19.326	0.0110	-2.5 to 2.5	Pass
				-30	3.85	20.714	0.0118	-2.5 to 2.5	Pass
				-20	3.85	21.830	0.0124	-2.5 to 2.5	Pass
				-10	3.85	22.030	0.0126	-2.5 to 2.5	Pass
				0	3.85	22.988	0.0131	-2.5 to 2.5	Pass
				10	3.85	23.904	0.0136	-2.5 to 2.5	Pass
				30	3.85	25.005	0.0143	-2.5 to 2.5	Pass
				40	3.85	26.436	0.0151	-2.5 to 2.5	Pass
				50	3.85	26.379	0.0150	-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	-3.905	-0.0023	-2.5 to 2.5	Pass
					3.85	10.629	0.0062	-2.5 to 2.5	Pass
					4.43	13.232	0.0077	-2.5 to 2.5	Pass

				-30	3.85	27.094	0.0158	-2.5 to 2.5	Pass
				-20	3.85	5.636	0.0033	-2.5 to 2.5	Pass
				-10	3.85	33.474	0.0195	-2.5 to 2.5	Pass
				0	3.85	21.272	0.0124	-2.5 to 2.5	Pass
				10	3.85	6.380	0.0037	-2.5 to 2.5	Pass
				30	3.85	24.862	0.0145	-2.5 to 2.5	Pass
				40	3.85	39.983	0.0233	-2.5 to 2.5	Pass
				50	3.85	33.503	0.0196	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	20.714	0.0120	-2.5 to 2.5	Pass
					3.85	20.685	0.0119	-2.5 to 2.5	Pass
					4.43	23.861	0.0138	-2.5 to 2.5	Pass
				-30	3.85	28.653	0.0165	-2.5 to 2.5	Pass
				-20	3.85	33.345	0.0192	-2.5 to 2.5	Pass
				-10	3.85	37.980	0.0219	-2.5 to 2.5	Pass
				0	3.85	41.957	0.0242	-2.5 to 2.5	Pass
				10	3.85	46.935	0.0271	-2.5 to 2.5	Pass
				30	3.85	-12.918	-0.0075	-2.5 to 2.5	Pass
				40	3.85	-9.055	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	11.387	0.0065	-2.5 to 2.5	Pass
					3.85	7.796	0.0044	-2.5 to 2.5	Pass
					4.43	7.081	0.0040	-2.5 to 2.5	Pass
				-30	3.85	8.798	0.0050	-2.5 to 2.5	Pass
				-20	3.85	11.916	0.0068	-2.5 to 2.5	Pass
				-10	3.85	13.804	0.0079	-2.5 to 2.5	Pass
				0	3.85	16.079	0.0092	-2.5 to 2.5	Pass
				10	3.85	17.982	0.0103	-2.5 to 2.5	Pass
				30	3.85	20.785	0.0119	-2.5 to 2.5	Pass
				40	3.85	22.302	0.0127	-2.5 to 2.5	Pass
				50	3.85	23.818	0.0136	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	11.516	0.0067	-2.5 to 2.5	Pass
					4.43	22.531	0.0132	-2.5 to 2.5	Pass
				-30	3.85	31.013	0.0181	-2.5 to 2.5	Pass
				-20	3.85	37.594	0.0220	-2.5 to 2.5	Pass
				-10	3.85	7.696	0.0045	-2.5 to 2.5	Pass
				0	3.85	12.918	0.0075	-2.5 to 2.5	Pass
				10	3.85	19.927	0.0116	-2.5 to 2.5	Pass
				30	3.85	24.304	0.0142	-2.5 to 2.5	Pass
				40	3.85	30.670	0.0179	-2.5 to 2.5	Pass
				50	3.85	34.561	0.0202	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-2.747	-0.0016	-2.5 to 2.5	Pass
					3.85	2.518	0.0015	-2.5 to 2.5	Pass
					4.43	5.035	0.0029	-2.5 to 2.5	Pass
				-30	3.85	6.266	0.0036	-2.5 to 2.5	Pass
				-20	3.85	8.712	0.0050	-2.5 to 2.5	Pass
				-10	3.85	9.298	0.0054	-2.5 to 2.5	Pass
				0	3.85	10.858	0.0063	-2.5 to 2.5	Pass
				10	3.85	11.930	0.0069	-2.5 to 2.5	Pass
				30	3.85	15.278	0.0088	-2.5 to 2.5	Pass
				40	3.85	16.479	0.0095	-2.5 to 2.5	Pass
				50	3.85	18.139	0.0105	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	25.520	0.0146	-2.5 to 2.5	Pass
					3.85	28.768	0.0164	-2.5 to 2.5	Pass
					4.43	29.712	0.0170	-2.5 to 2.5	Pass
				-30	3.85	29.869	0.0170	-2.5 to 2.5	Pass
				-20	3.85	29.683	0.0169	-2.5 to 2.5	Pass
				-10	3.85	31.085	0.0177	-2.5 to 2.5	Pass
				0	3.85	30.284	0.0173	-2.5 to 2.5	Pass

				10	3.85	31.972	0.0182	-2.5 to 2.5	Pass
				30	3.85	31.958	0.0182	-2.5 to 2.5	Pass
				40	3.85	31.943	0.0182	-2.5 to 2.5	Pass
				50	3.85	32.802	0.0187	-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	-18.325	-0.0107	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0031	-2.5 to 2.5	Pass
					4.43	30.284	0.0177	-2.5 to 2.5	Pass
				-30	3.85	23.346	0.0136	-2.5 to 2.5	Pass
				-20	3.85	-17.023	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	5.794	0.0034	-2.5 to 2.5	Pass
				10	3.85	11.945	0.0070	-2.5 to 2.5	Pass
				30	3.85	17.810	0.0104	-2.5 to 2.5	Pass
				40	3.85	20.413	0.0119	-2.5 to 2.5	Pass
				50	3.85	21.415	0.0125	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	2.832	0.0016	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.909	-0.0039	-2.5 to 2.5	Pass
					3.85	-13.819	-0.0079	-2.5 to 2.5	Pass
					4.43	-9.270	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	5.937	0.0034	-2.5 to 2.5	Pass
				-10	3.85	12.059	0.0069	-2.5 to 2.5	Pass
				0	3.85	18.668	0.0107	-2.5 to 2.5	Pass
				10	3.85	22.402	0.0128	-2.5 to 2.5	Pass
				30	3.85	27.409	0.0157	-2.5 to 2.5	Pass
				40	3.85	29.640	0.0169	-2.5 to 2.5	Pass
				50	3.85	31.371	0.0179	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	23.603	0.0138	-2.5 to 2.5	Pass
					3.85	24.977	0.0146	-2.5 to 2.5	Pass
					4.43	24.590	0.0143	-2.5 to 2.5	Pass
				-30	3.85	23.932	0.0140	-2.5 to 2.5	Pass
				-20	3.85	24.590	0.0143	-2.5 to 2.5	Pass
				-10	3.85	24.276	0.0142	-2.5 to 2.5	Pass
				0	3.85	24.104	0.0141	-2.5 to 2.5	Pass
				10	3.85	23.775	0.0139	-2.5 to 2.5	Pass
				30	3.85	24.376	0.0142	-2.5 to 2.5	Pass
				40	3.85	24.605	0.0143	-2.5 to 2.5	Pass
				50	3.85	24.247	0.0141	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	3.719	0.0021	-2.5 to 2.5	Pass
					3.85	5.550	0.0032	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0025	-2.5 to 2.5	Pass

				-30	3.85	-15.850	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-26.007	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-33.002	-0.0190	-2.5 to 2.5	Pass
				0	3.85	-38.309	-0.0221	-2.5 to 2.5	Pass
				10	3.85	-41.270	-0.0238	-2.5 to 2.5	Pass
				30	3.85	-43.516	-0.0251	-2.5 to 2.5	Pass
				40	3.85	-43.917	-0.0253	-2.5 to 2.5	Pass
				50	3.85	-44.575	-0.0257	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-17.266	-0.0099	-2.5 to 2.5	Pass
					3.85	-17.610	-0.0101	-2.5 to 2.5	Pass
					4.43	-20.499	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-21.572	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-23.217	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-23.689	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-23.317	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-22.845	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-22.888	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-22.416	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-21.844	-0.0125	-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	7.453	0.0043	-2.5 to 2.5	Pass
					3.85	6.838	0.0040	-2.5 to 2.5	Pass
					4.43	13.018	0.0076	-2.5 to 2.5	Pass
				-30	3.85	32.802	0.0191	-2.5 to 2.5	Pass
				-20	3.85	18.611	0.0108	-2.5 to 2.5	Pass
				-10	3.85	33.646	0.0196	-2.5 to 2.5	Pass
				0	3.85	29.969	0.0174	-2.5 to 2.5	Pass
				10	3.85	5.164	0.0030	-2.5 to 2.5	Pass
				30	3.85	11.673	0.0068	-2.5 to 2.5	Pass
				40	3.85	17.724	0.0103	-2.5 to 2.5	Pass
				50	3.85	22.173	0.0129	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-7.010	-0.0040	-2.5 to 2.5	Pass
					3.85	-10.414	-0.0060	-2.5 to 2.5	Pass
					4.43	-7.668	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.702	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.375	0.0014	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-10.686	-0.0061	-2.5 to 2.5	Pass
					3.85	-16.522	-0.0095	-2.5 to 2.5	Pass
					4.43	-11.959	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-10.486	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	16.050	0.0092	-2.5 to 2.5	Pass
				-10	3.85	15.035	0.0086	-2.5 to 2.5	Pass
				0	3.85	12.145	0.0069	-2.5 to 2.5	Pass
				10	3.85	37.079	0.0212	-2.5 to 2.5	Pass
				30	3.85	9.141	0.0052	-2.5 to 2.5	Pass
				40	3.85	29.268	0.0167	-2.5 to 2.5	Pass

				50	3.85	16.308	0.0093	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	27.709	0.0161	-2.5 to 2.5	Pass
					3.85	31.257	0.0182	-2.5 to 2.5	Pass
					4.43	32.687	0.0190	-2.5 to 2.5	Pass
				-30	3.85	33.545	0.0195	-2.5 to 2.5	Pass
				-20	3.85	34.475	0.0201	-2.5 to 2.5	Pass
				-10	3.85	35.033	0.0204	-2.5 to 2.5	Pass
				0	3.85	36.850	0.0215	-2.5 to 2.5	Pass
				10	3.85	36.707	0.0214	-2.5 to 2.5	Pass
				30	3.85	38.109	0.0222	-2.5 to 2.5	Pass
				40	3.85	38.910	0.0227	-2.5 to 2.5	Pass
				50	3.85	39.954	0.0233	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	4.420	0.0026	-2.5 to 2.5	Pass
					3.85	3.562	0.0021	-2.5 to 2.5	Pass
					4.43	2.275	0.0013	-2.5 to 2.5	Pass
				-30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0002	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	36.006	0.0206	-2.5 to 2.5	Pass
					3.85	14.534	0.0083	-2.5 to 2.5	Pass
					4.43	27.308	0.0156	-2.5 to 2.5	Pass
				-30	3.85	38.195	0.0219	-2.5 to 2.5	Pass
				-20	3.85	21.930	0.0125	-2.5 to 2.5	Pass
				-10	3.85	32.158	0.0184	-2.5 to 2.5	Pass
				0	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				10	3.85	11.716	0.0067	-2.5 to 2.5	Pass
				30	3.85	19.412	0.0111	-2.5 to 2.5	Pass
				40	3.85	27.652	0.0158	-2.5 to 2.5	Pass
				50	3.85	34.246	0.0196	-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	-10.414	-0.0061	-2.5 to 2.5	Pass
					3.85	22.330	0.0130	-2.5 to 2.5	Pass
					4.43	14.620	0.0085	-2.5 to 2.5	Pass
				-30	3.85	9.084	0.0053	-2.5 to 2.5	Pass
				-20	3.85	32.244	0.0187	-2.5 to 2.5	Pass
				-10	3.85	10.815	0.0063	-2.5 to 2.5	Pass
				0	3.85	24.476	0.0142	-2.5 to 2.5	Pass
				10	3.85	34.761	0.0202	-2.5 to 2.5	Pass
				30	3.85	37.107	0.0216	-2.5 to 2.5	Pass
				40	3.85	17.710	0.0103	-2.5 to 2.5	Pass
				50	3.85	25.578	0.0149	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	2.117	0.0012	-2.5 to 2.5	Pass
					3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
					4.43	2.317	0.0013	-2.5 to 2.5	Pass
				-30	3.85	3.490	0.0020	-2.5 to 2.5	Pass
				-20	3.85	5.765	0.0033	-2.5 to 2.5	Pass
				-10	3.85	6.881	0.0040	-2.5 to 2.5	Pass

				0	3.85	9.513	0.0055	-2.5 to 2.5	Pass
				10	3.85	11.044	0.0064	-2.5 to 2.5	Pass
				30	3.85	12.202	0.0070	-2.5 to 2.5	Pass
				40	3.85	11.630	0.0067	-2.5 to 2.5	Pass
				50	3.85	11.058	0.0064	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	9.656	0.0055	-2.5 to 2.5	Pass
					3.85	4.292	0.0025	-2.5 to 2.5	Pass
					4.43	4.463	0.0026	-2.5 to 2.5	Pass
				-30	3.85	4.234	0.0024	-2.5 to 2.5	Pass
				-20	3.85	9.542	0.0055	-2.5 to 2.5	Pass
				-10	3.85	9.985	0.0057	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.194	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	32.973	0.0192	-2.5 to 2.5	Pass
					3.85	35.949	0.0209	-2.5 to 2.5	Pass
					4.43	-10.715	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.935	0.0029	-2.5 to 2.5	Pass
				0	3.85	8.740	0.0051	-2.5 to 2.5	Pass
				10	3.85	11.659	0.0068	-2.5 to 2.5	Pass
				30	3.85	15.206	0.0088	-2.5 to 2.5	Pass
				40	3.85	18.497	0.0108	-2.5 to 2.5	Pass
				50	3.85	19.197	0.0112	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	11.029	0.0064	-2.5 to 2.5	Pass
					3.85	10.414	0.0060	-2.5 to 2.5	Pass
					4.43	8.726	0.0050	-2.5 to 2.5	Pass
				-30	3.85	8.225	0.0047	-2.5 to 2.5	Pass
				-20	3.85	7.296	0.0042	-2.5 to 2.5	Pass
				-10	3.85	6.022	0.0035	-2.5 to 2.5	Pass
				0	3.85	5.908	0.0034	-2.5 to 2.5	Pass
				10	3.85	6.180	0.0036	-2.5 to 2.5	Pass
				30	3.85	5.379	0.0031	-2.5 to 2.5	Pass
				40	3.85	3.705	0.0021	-2.5 to 2.5	Pass
				50	3.85	4.721	0.0027	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
					4.43	-8.712	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-8.683	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-7.839	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-5.808	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-6.137	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
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 / NTNV						
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	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
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	75	0	Refer To Test Graph		Pass

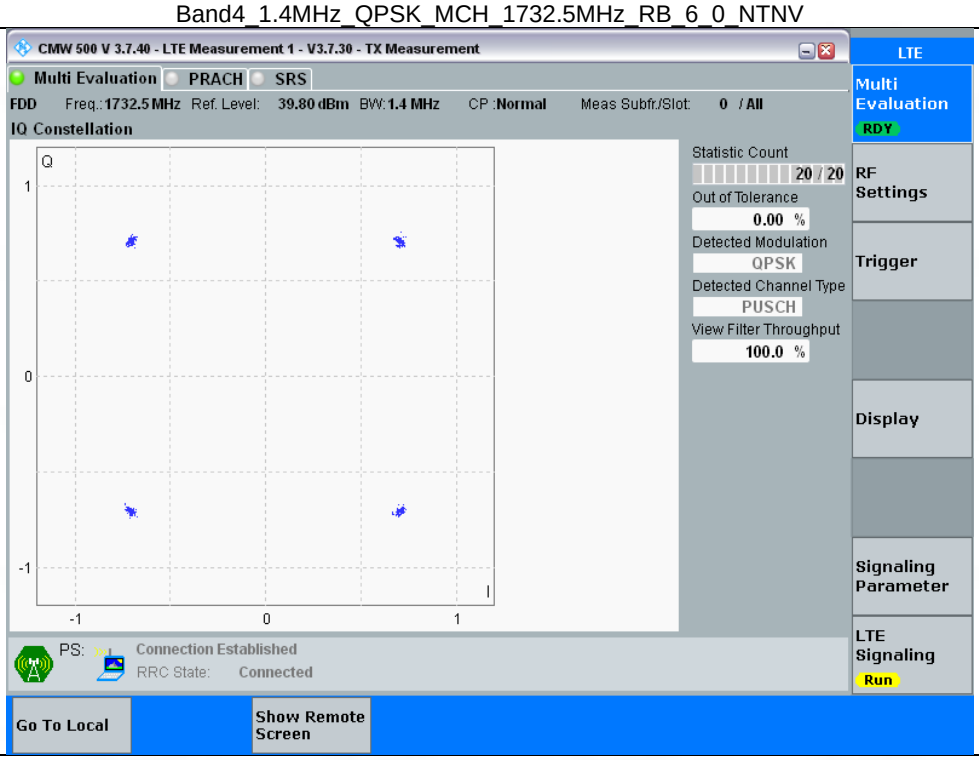
3.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
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	100	0	Refer To Test Graph		Pass

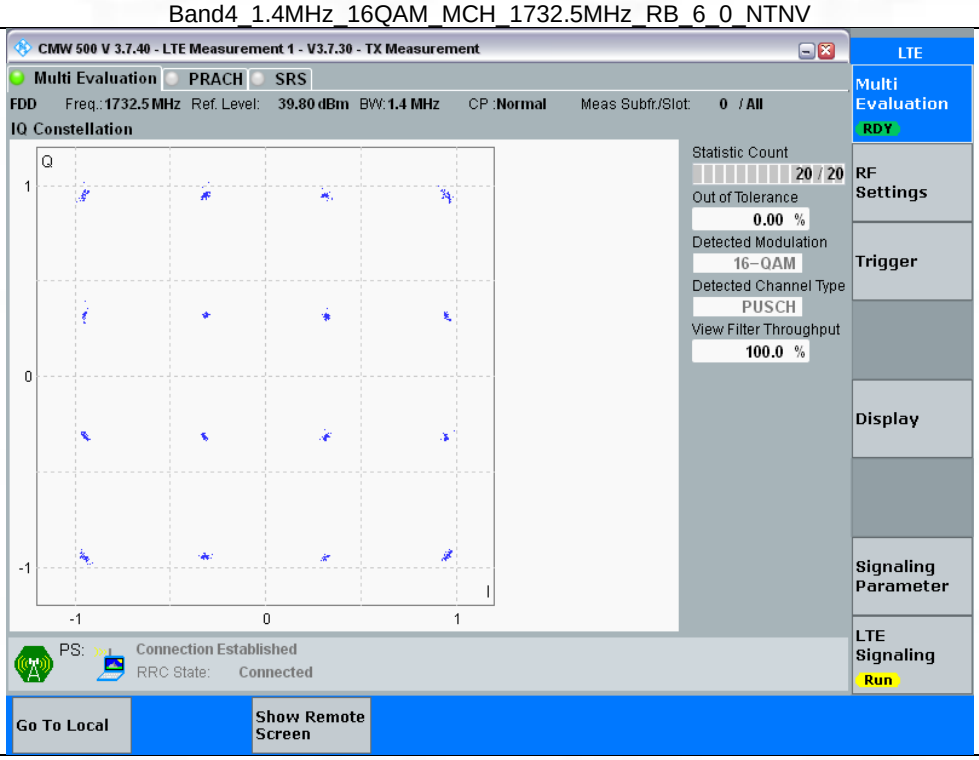
3.2 Test Graph

3.2.1 B4_1.4MHz

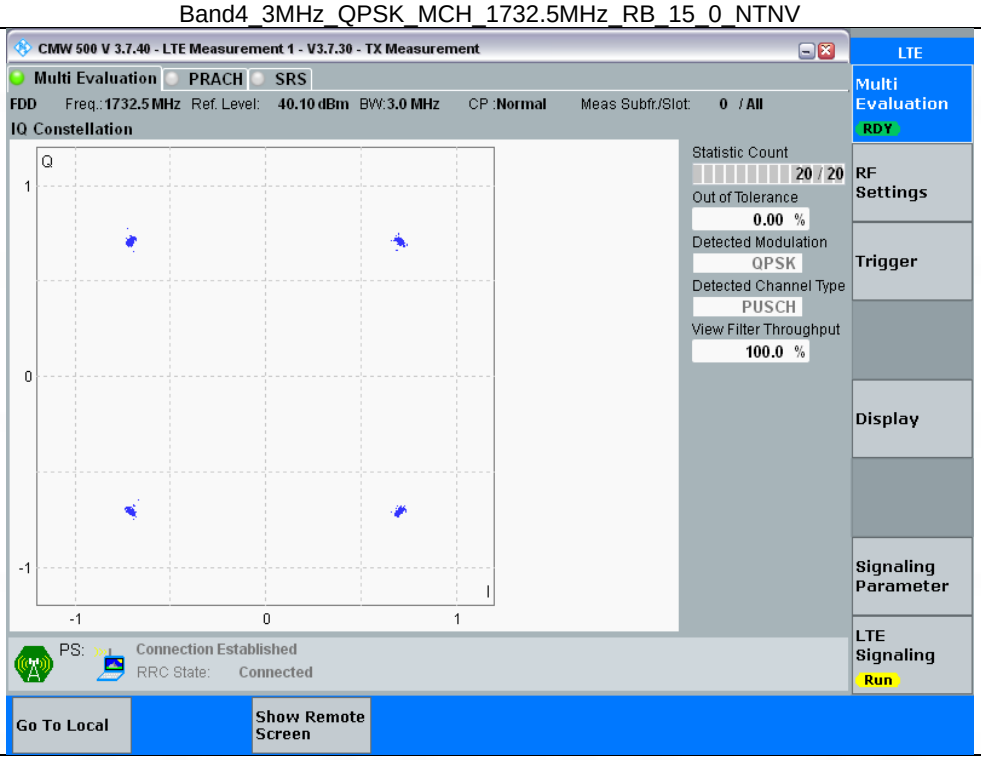
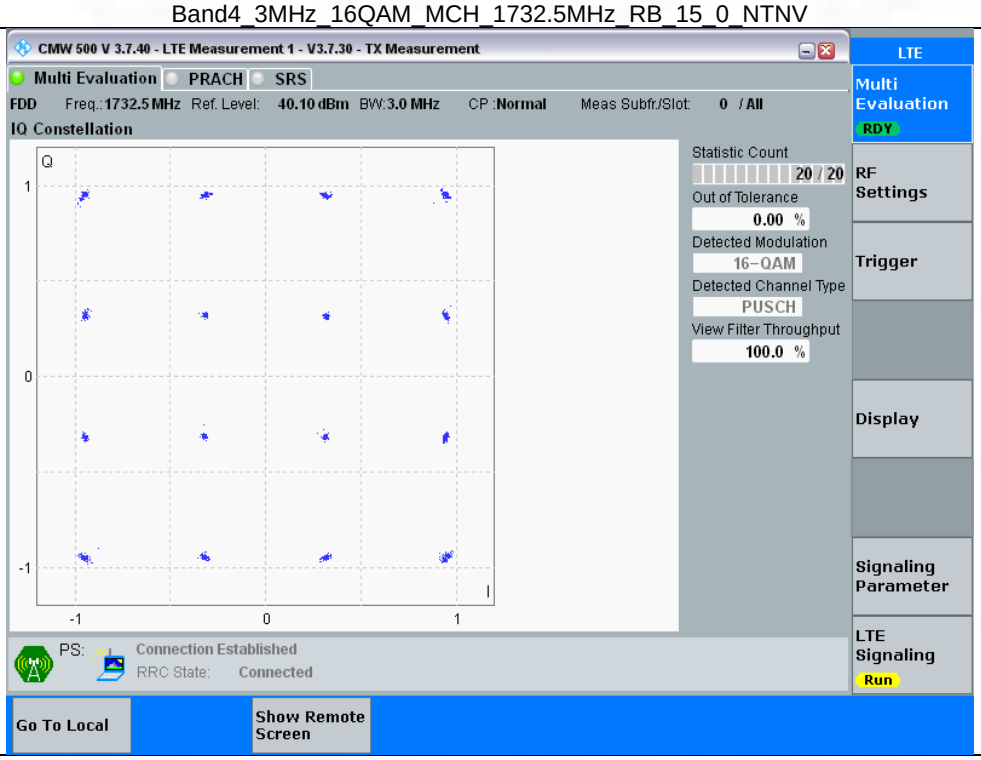
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



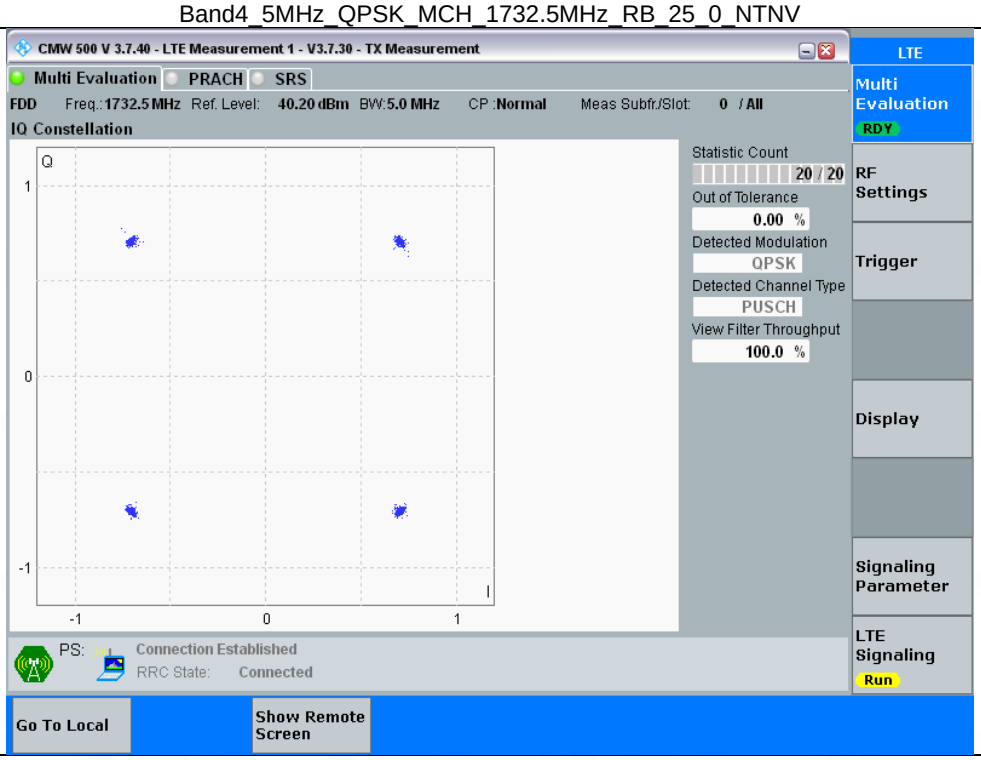
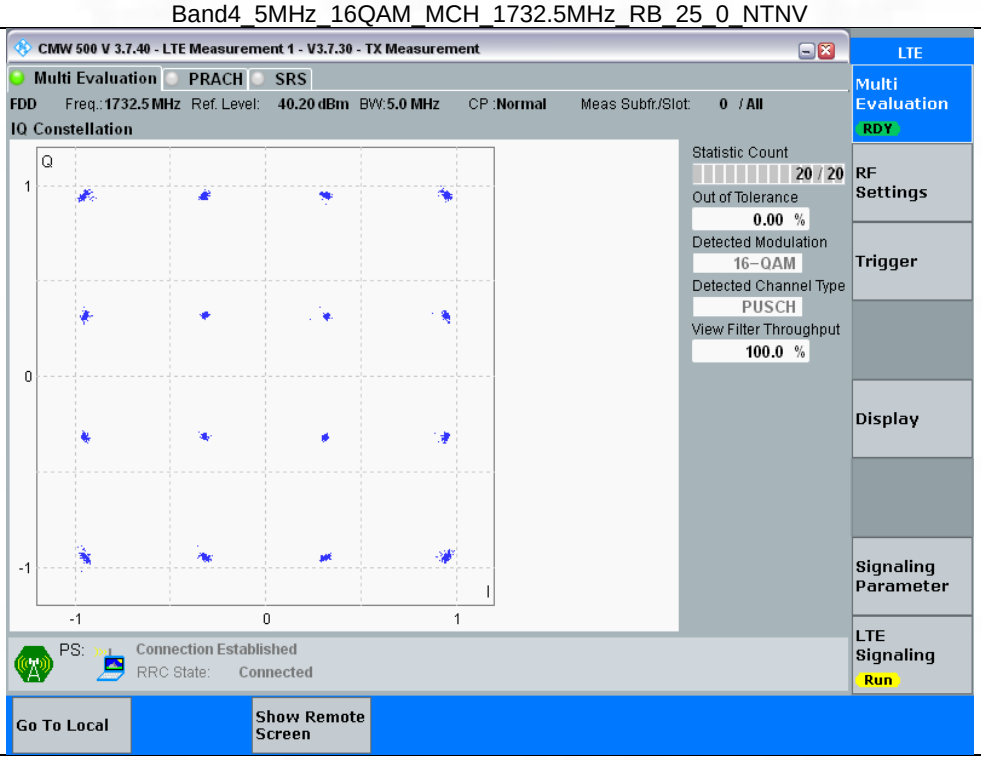
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



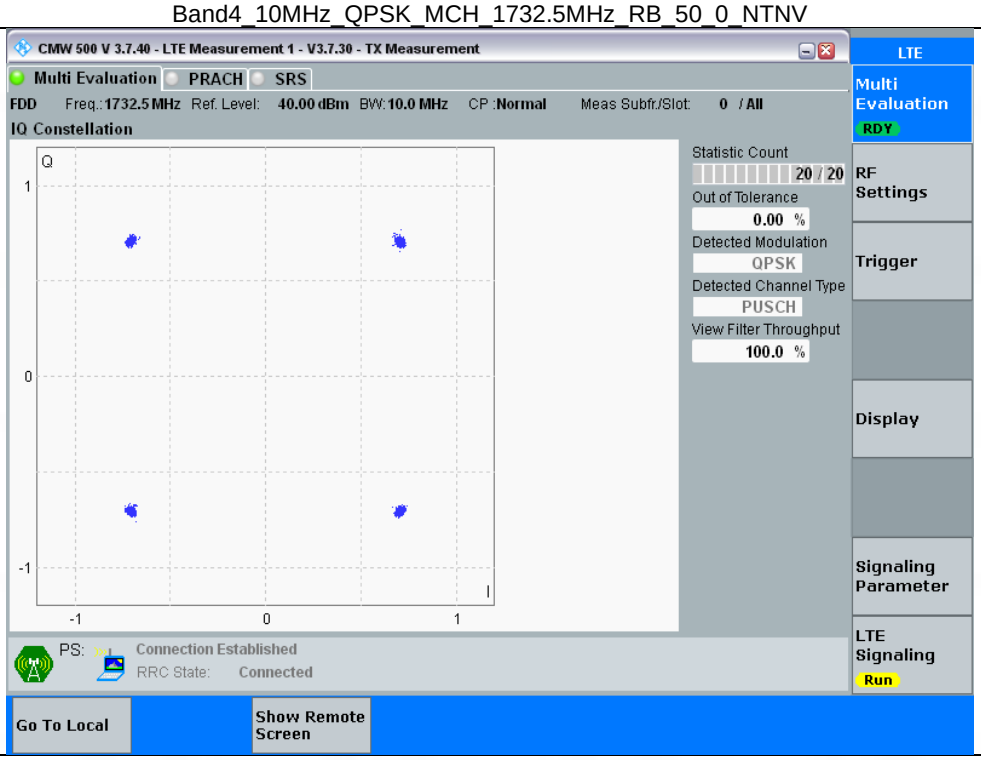
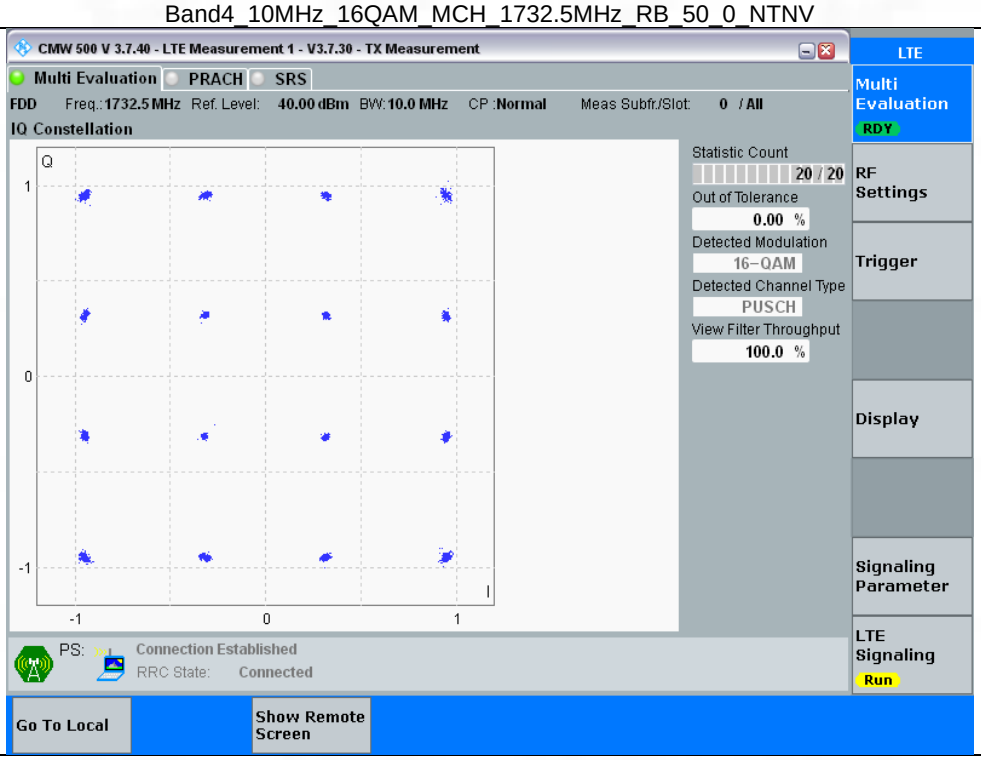
3.2.2 B4_3MHz

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV


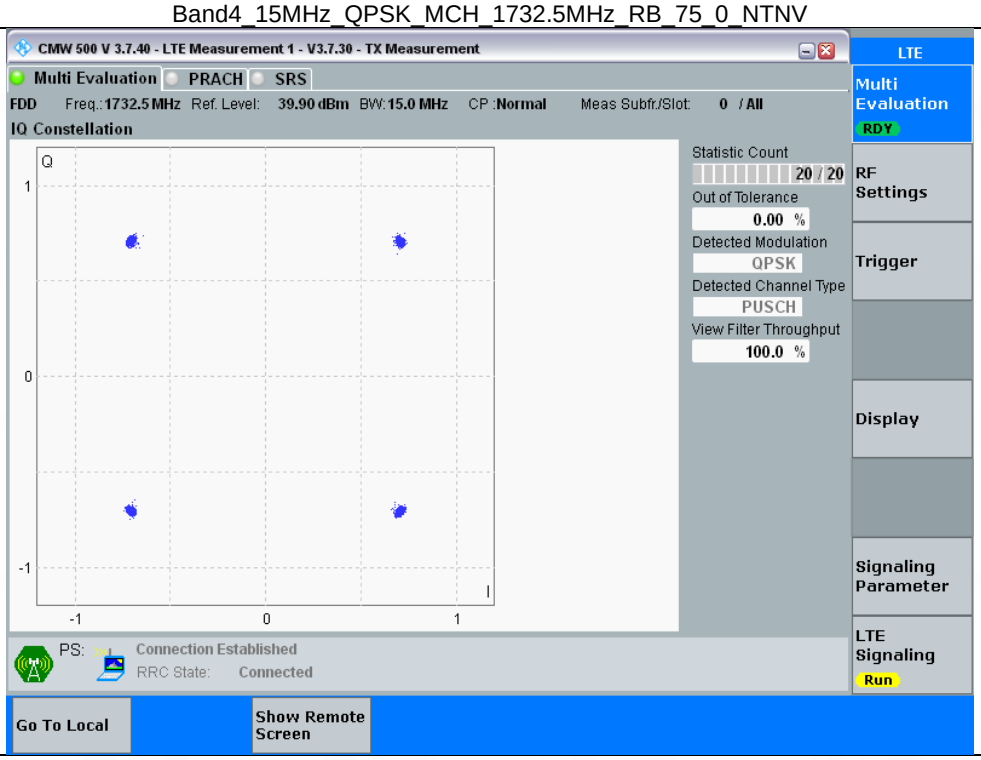
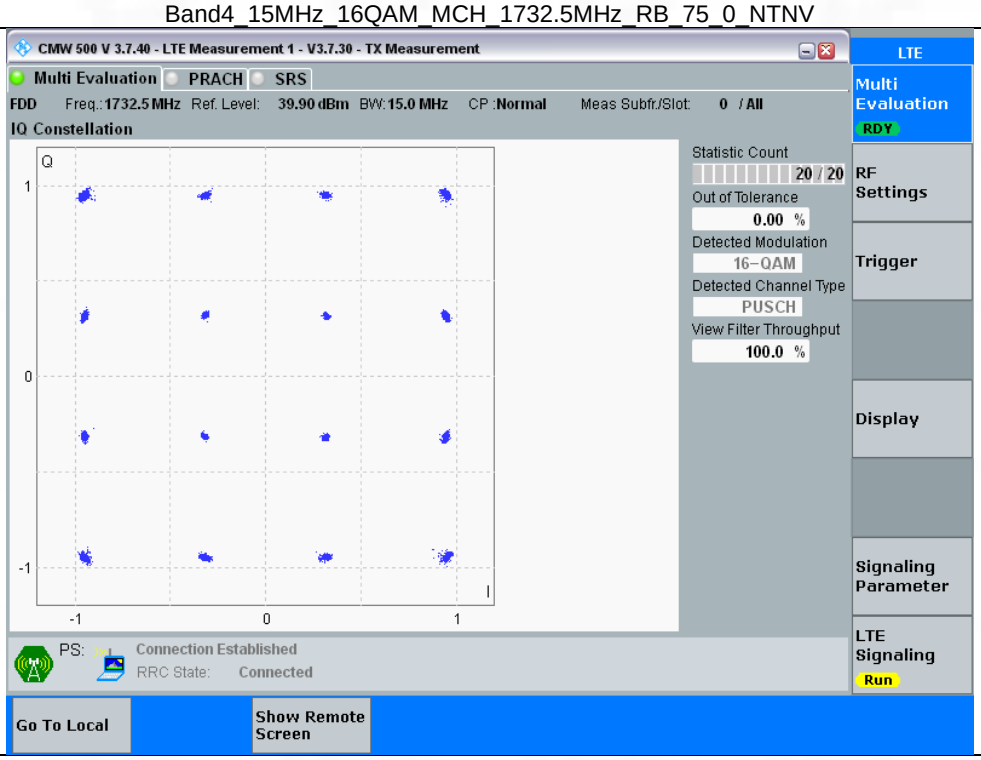
3.2.3 B4_5MHz

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV


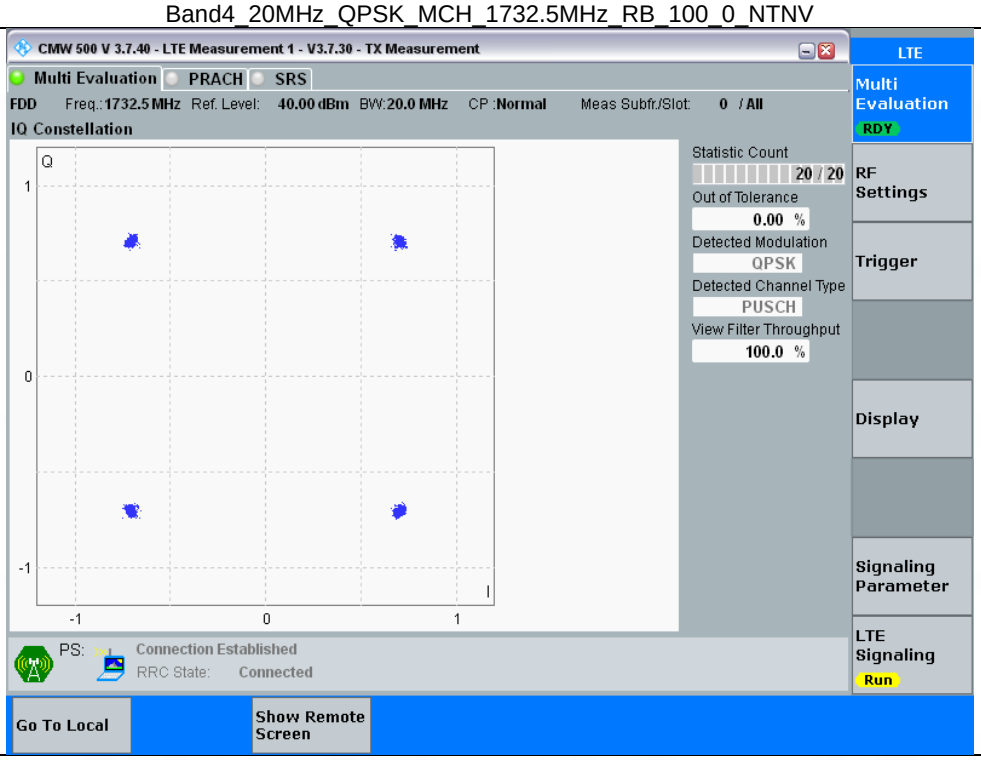
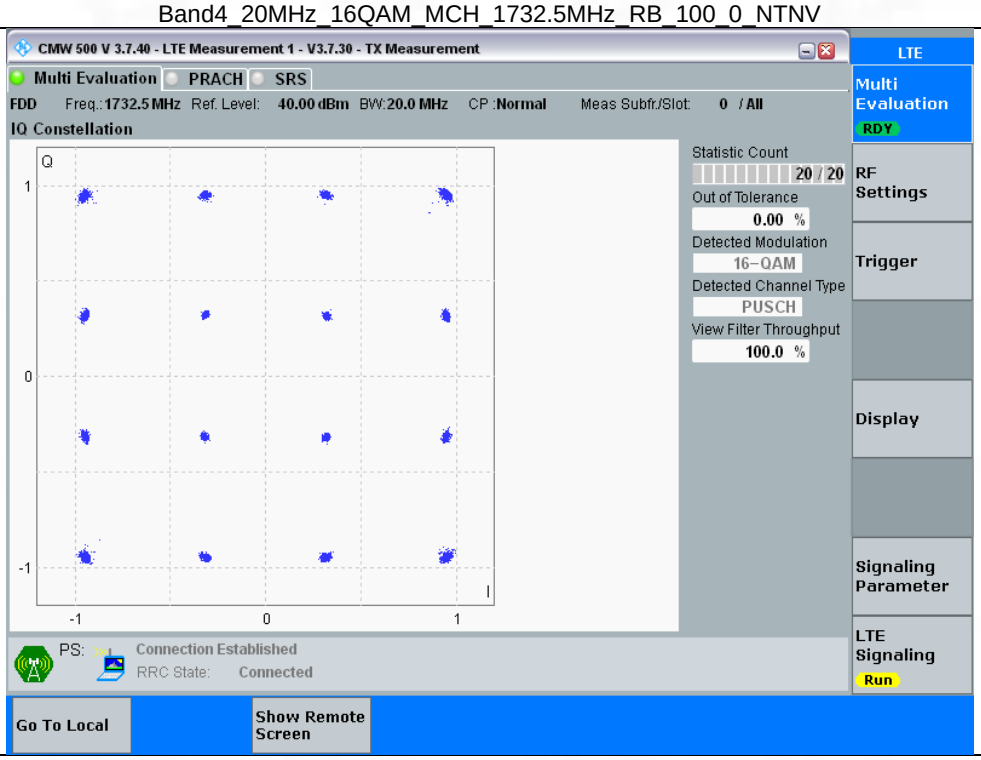
3.2.4 B4_10MHz

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV


3.2.5 B4_15MHz

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV


3.2.6 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV


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	1.108	/	Pass
		1754.3	6	0	1.110	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1732.5	6	0	1.109	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.749	/	Pass
		1732.5	15	0	2.754	/	Pass
		1753.5	15	0	2.766	/	Pass
	16QAM	1711.5	15	0	2.766	/	Pass
		1732.5	15	0	2.753	/	Pass
		1753.5	15	0	2.750	/	Pass
5	QPSK	1712.5	25	0	4.542	/	Pass
		1732.5	25	0	4.549	/	Pass
		1752.5	25	0	4.560	/	Pass
	16QAM	1712.5	25	0	4.579	/	Pass
		1732.5	25	0	4.562	/	Pass
		1752.5	25	0	4.544	/	Pass
10	QPSK	1715	50	0	9.068	/	Pass
		1732.5	50	0	9.052	/	Pass
		1750	50	0	9.100	/	Pass
	16QAM	1715	50	0	9.052	/	Pass
		1732.5	50	0	9.060	/	Pass
		1750	50	0	9.089	/	Pass
15	QPSK	1717.5	75	0	13.599	/	Pass
		1732.5	75	0	13.583	/	Pass
		1747.5	75	0	13.607	/	Pass
	16QAM	1717.5	75	0	13.642	/	Pass
		1732.5	75	0	13.603	/	Pass
		1747.5	75	0	13.565	/	Pass
20	QPSK	1720	100	0	18.151	/	Pass
		1732.5	100	0	18.172	/	Pass
		1745	100	0	18.168	/	Pass
	16QAM	1720	100	0	18.174	/	Pass
		1732.5	100	0	18.151	/	Pass
		1745	100	0	18.215	/	Pass

4.1.2 Band4_XDB

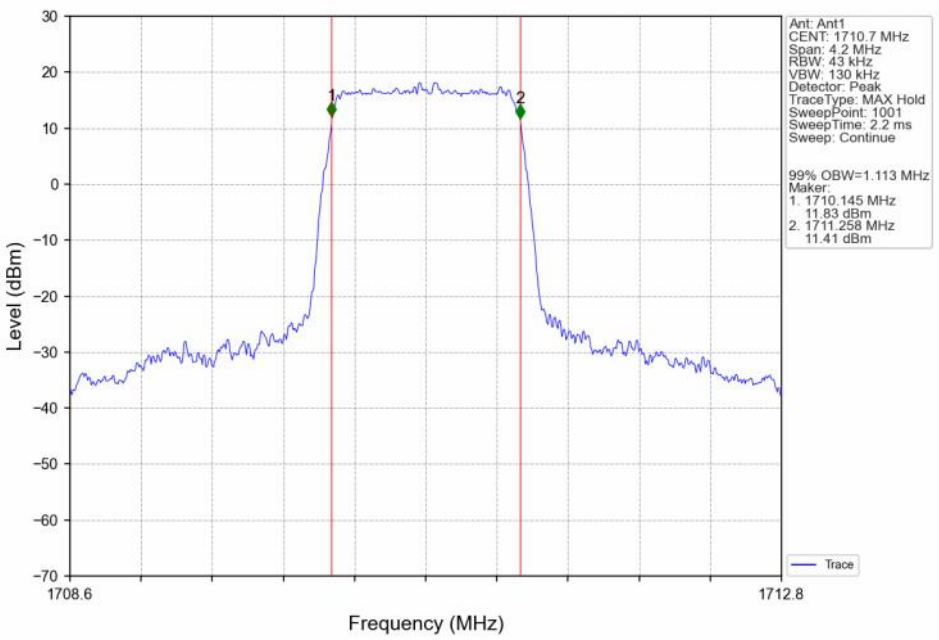
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.268	/	Pass
		1732.5	6	0	1.273	/	Pass
		1754.3	6	0	1.275	/	Pass

	16QAM	1710.7	6	0	1.275	/	Pass
		1732.5	6	0	1.260	/	Pass
		1754.3	6	0	1.267	/	Pass
3	QPSK	1711.5	15	0	3.086	/	Pass
		1732.5	15	0	3.107	/	Pass
		1753.5	15	0	3.103	/	Pass
	16QAM	1711.5	15	0	3.118	/	Pass
		1732.5	15	0	3.102	/	Pass
		1753.5	15	0	3.115	/	Pass
5	QPSK	1712.5	25	0	5.054	/	Pass
		1732.5	25	0	5.066	/	Pass
		1752.5	25	0	5.052	/	Pass
	16QAM	1712.5	25	0	5.050	/	Pass
		1732.5	25	0	5.054	/	Pass
		1752.5	25	0	5.053	/	Pass
10	QPSK	1715	50	0	10.035	/	Pass
		1732.5	50	0	10.053	/	Pass
		1750	50	0	10.111	/	Pass
	16QAM	1715	50	0	10.105	/	Pass
		1732.5	50	0	10.058	/	Pass
		1750	50	0	10.063	/	Pass
15	QPSK	1717.5	75	0	15.193	/	Pass
		1732.5	75	0	15.139	/	Pass
		1747.5	75	0	15.257	/	Pass
	16QAM	1717.5	75	0	15.190	/	Pass
		1732.5	75	0	15.224	/	Pass
		1747.5	75	0	15.167	/	Pass
20	QPSK	1720	100	0	20.165	/	Pass
		1732.5	100	0	19.958	/	Pass
		1745	100	0	20.101	/	Pass
	16QAM	1720	100	0	20.003	/	Pass
		1732.5	100	0	19.892	/	Pass
		1745	100	0	20.059	/	Pass

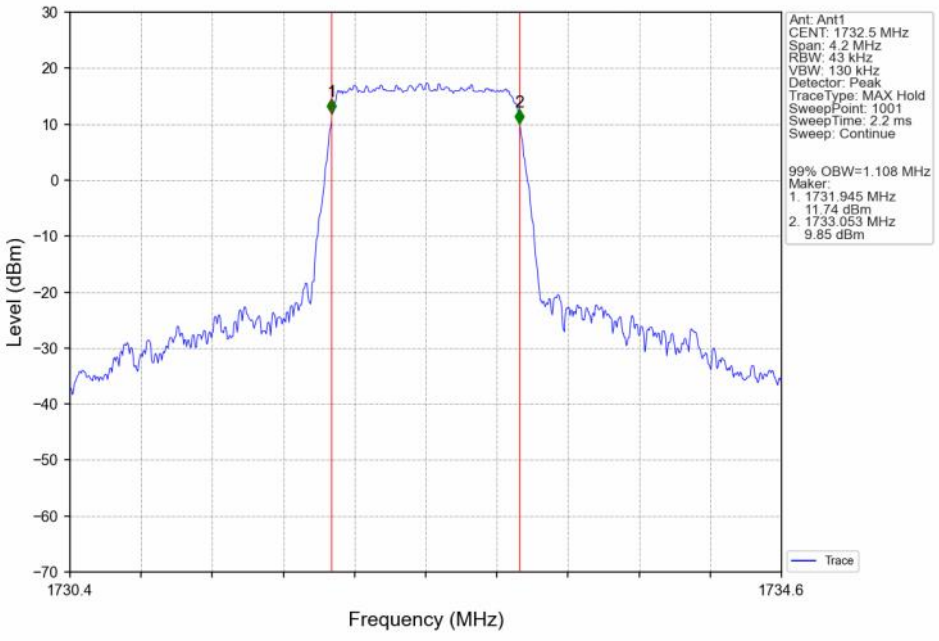
4.2 Test Graph

4.2.1 Band4_OBW

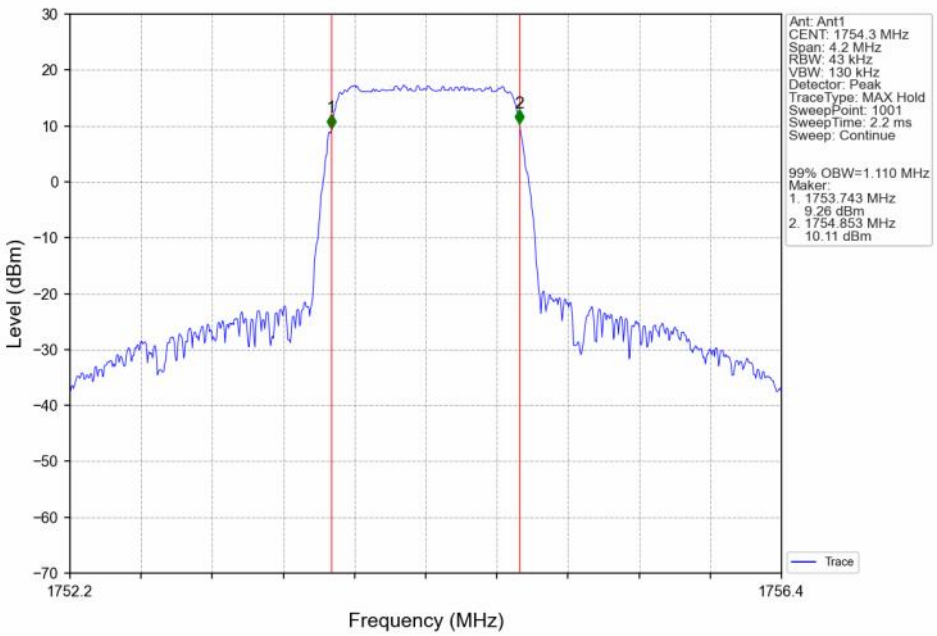
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



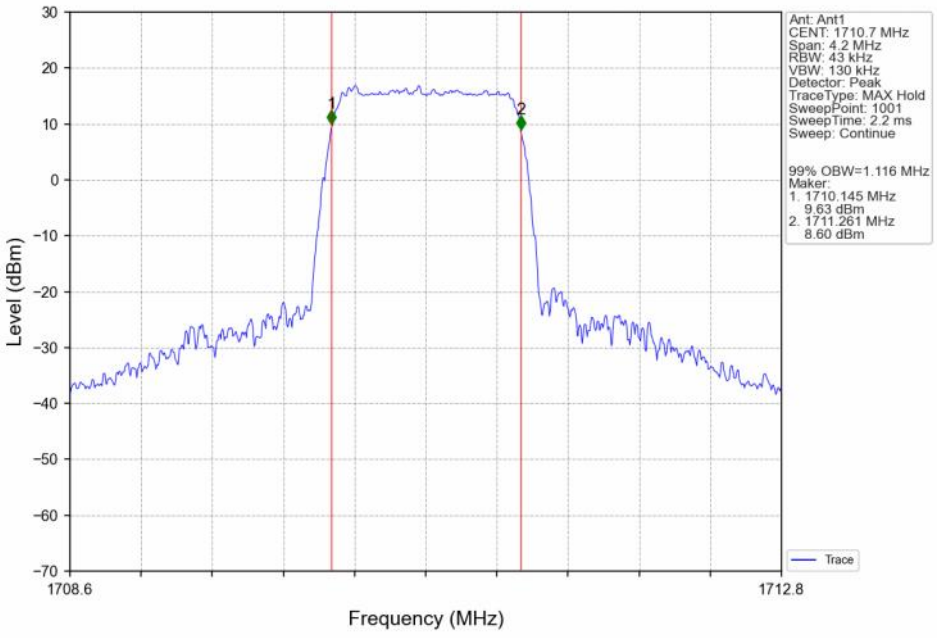
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



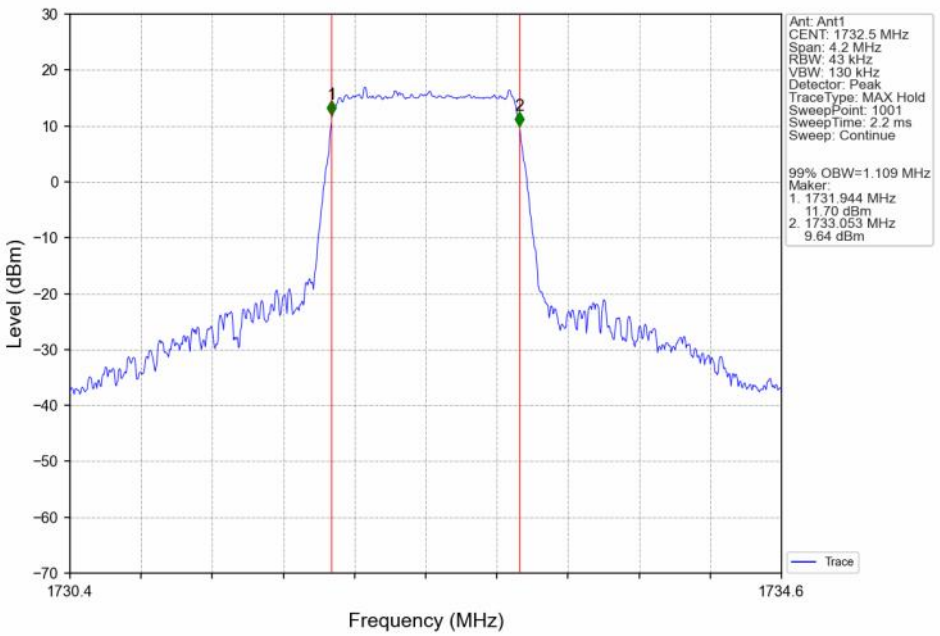
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



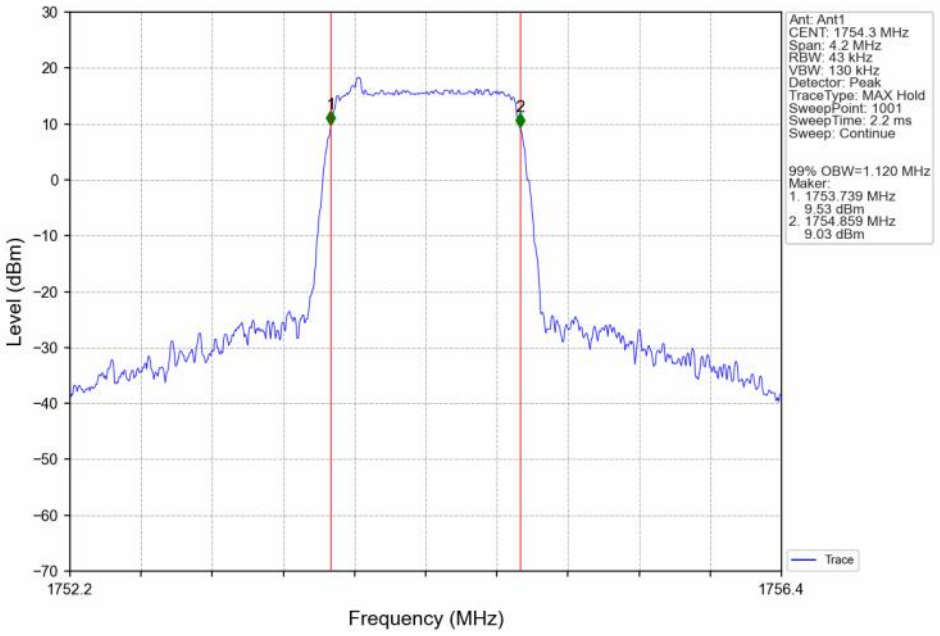
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



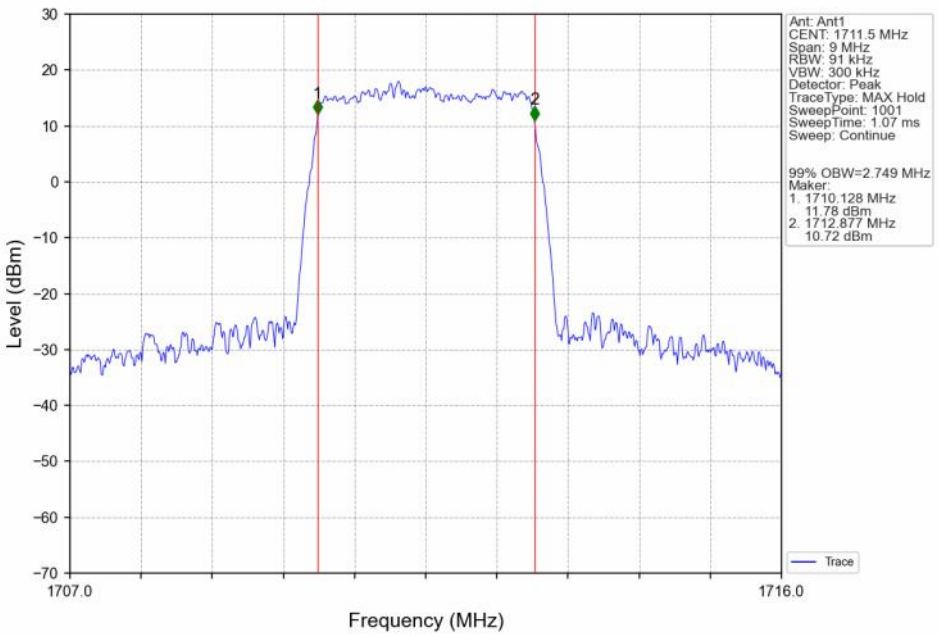
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



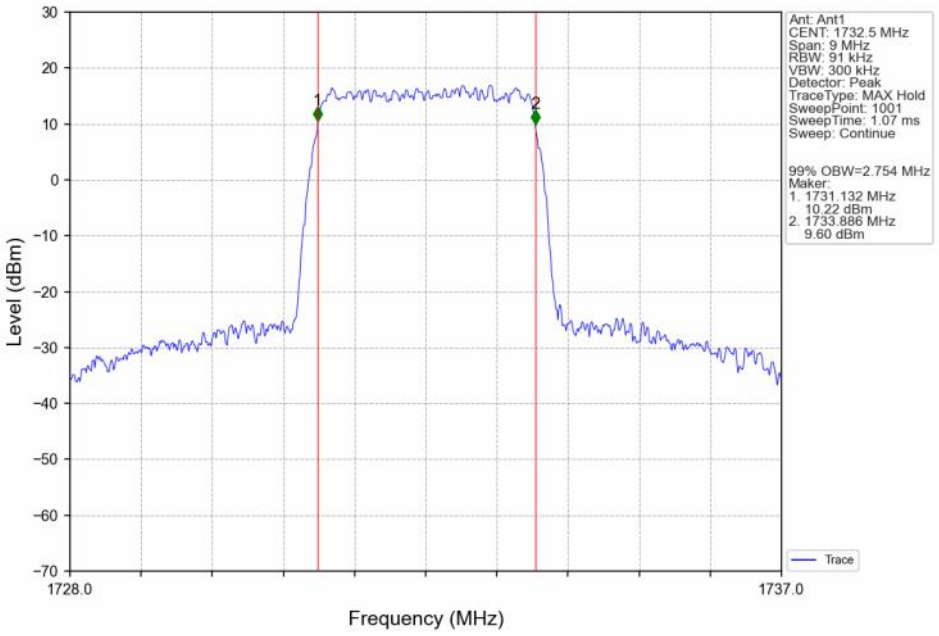
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



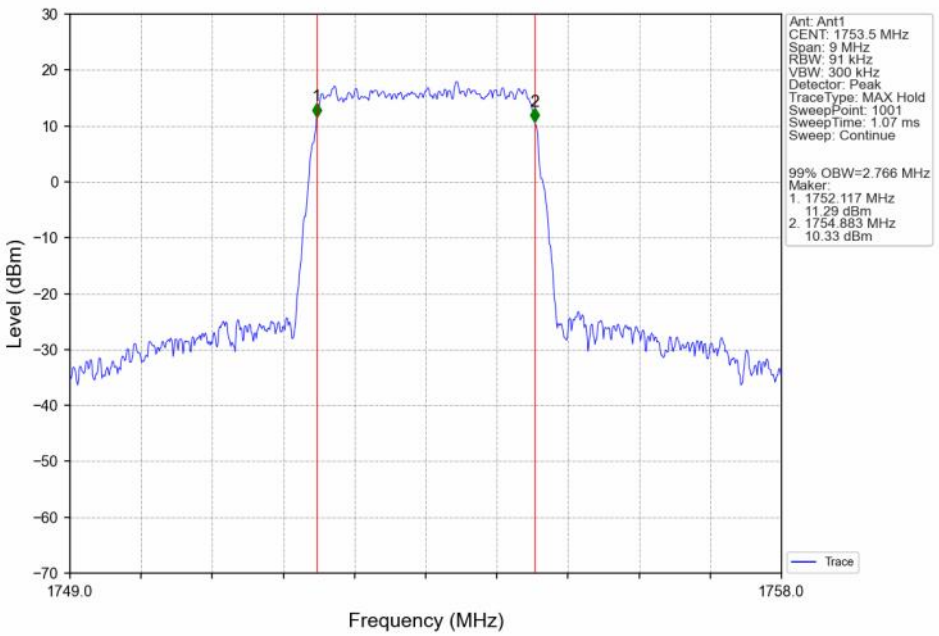
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



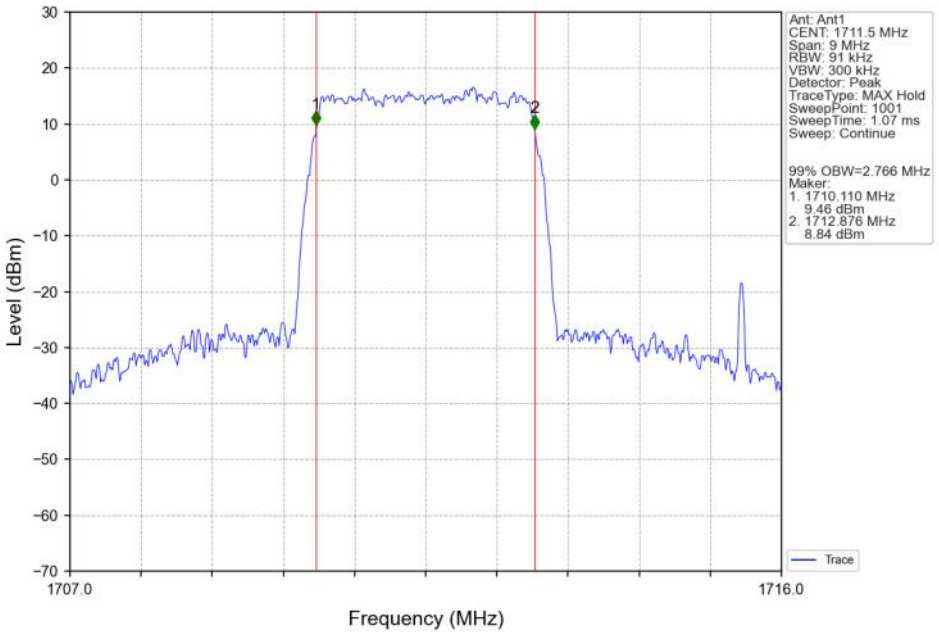
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



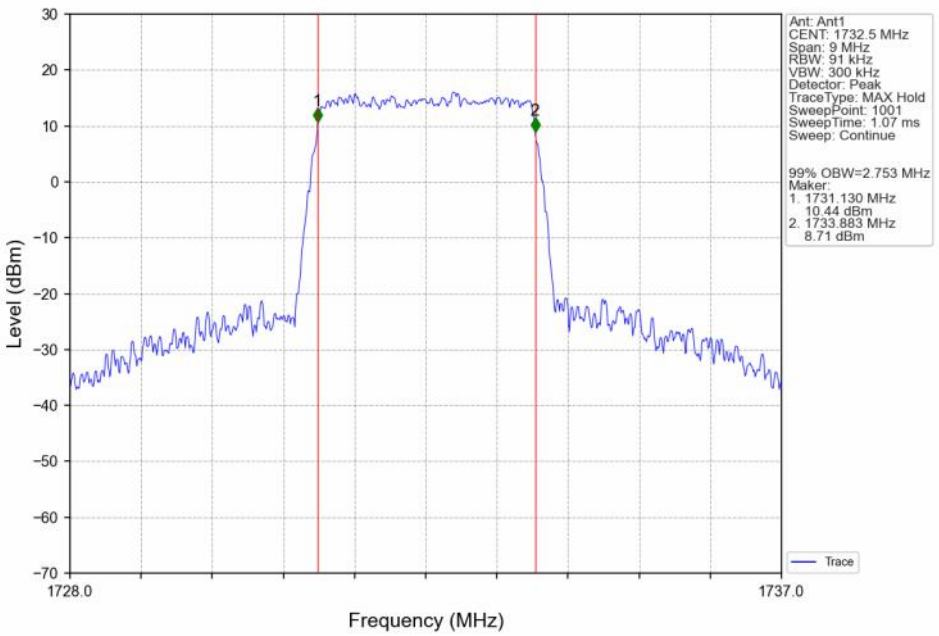
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



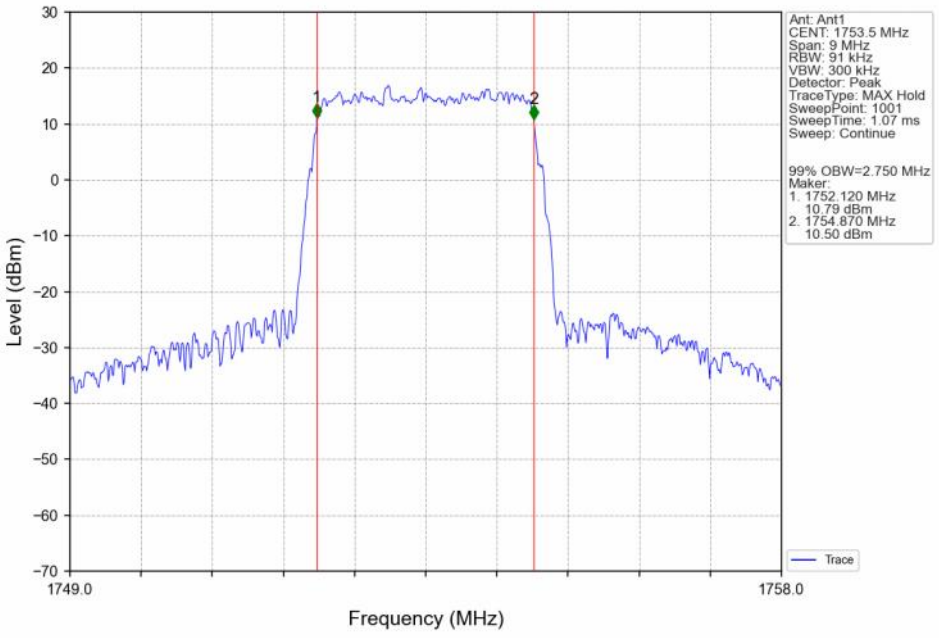
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



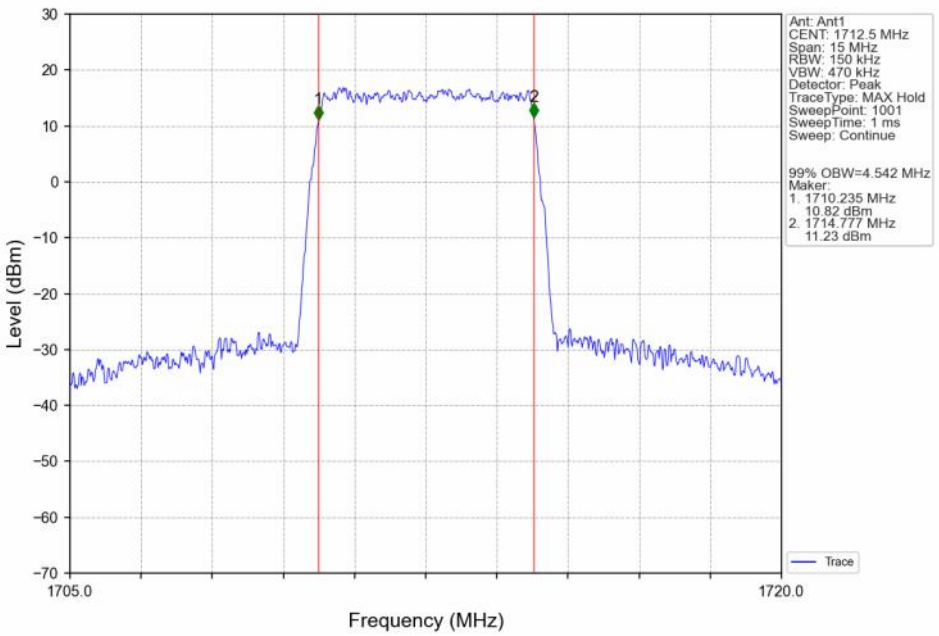
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



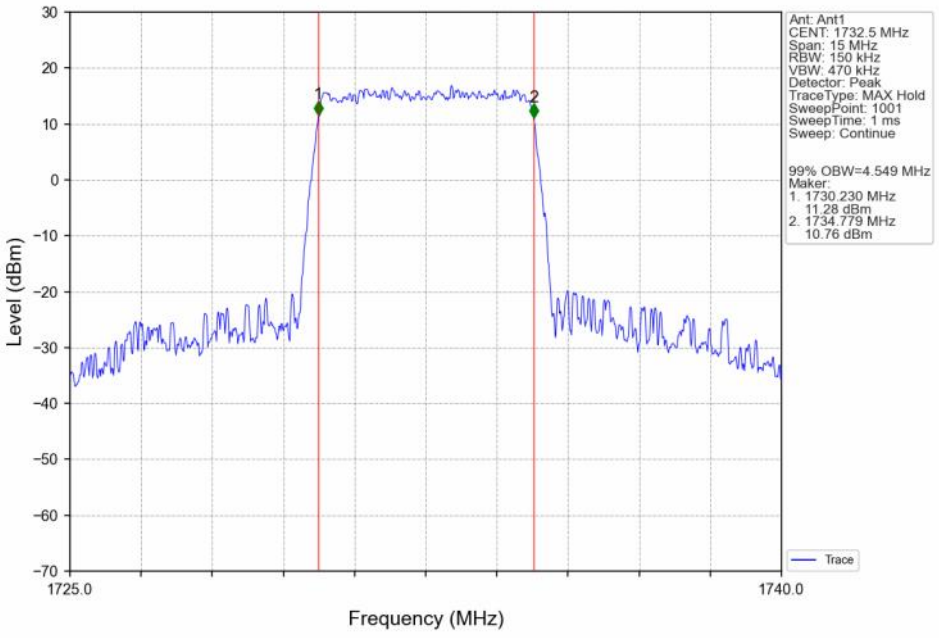
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



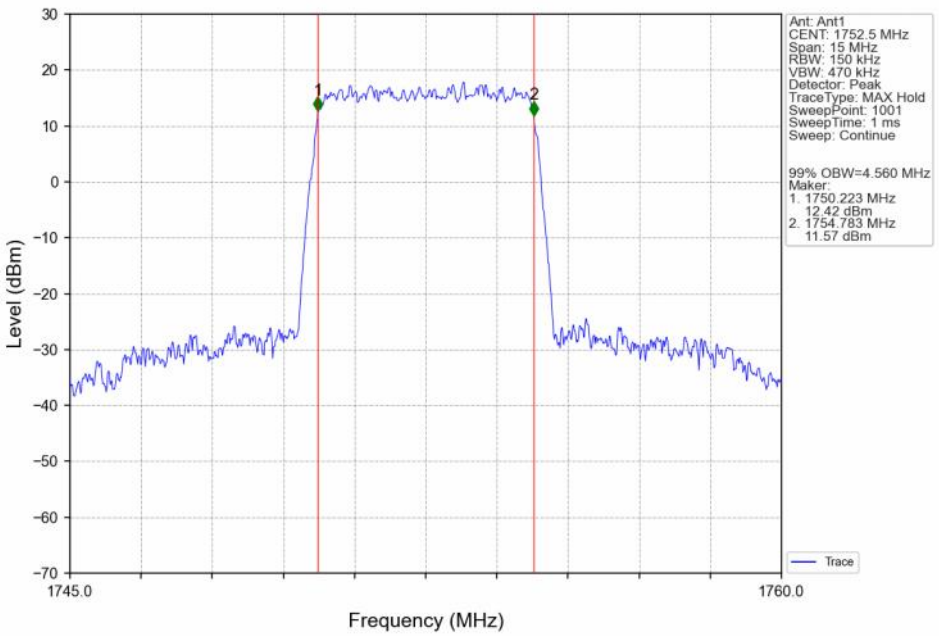
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



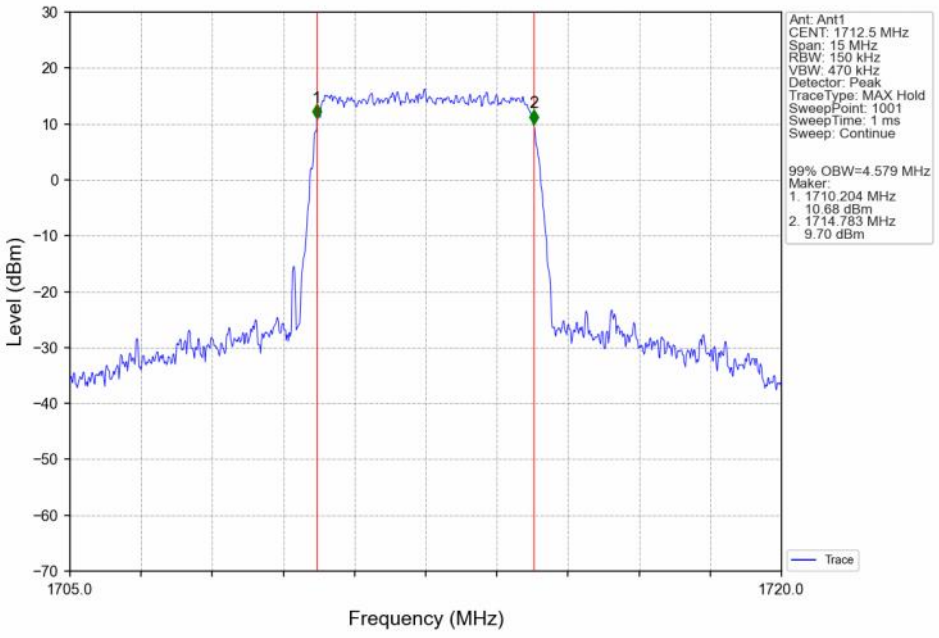
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



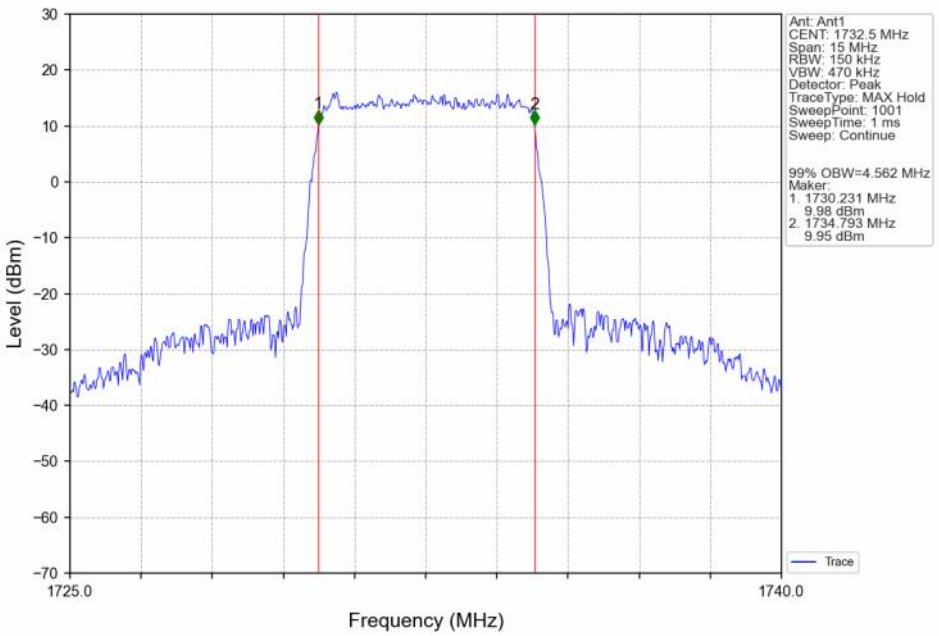
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



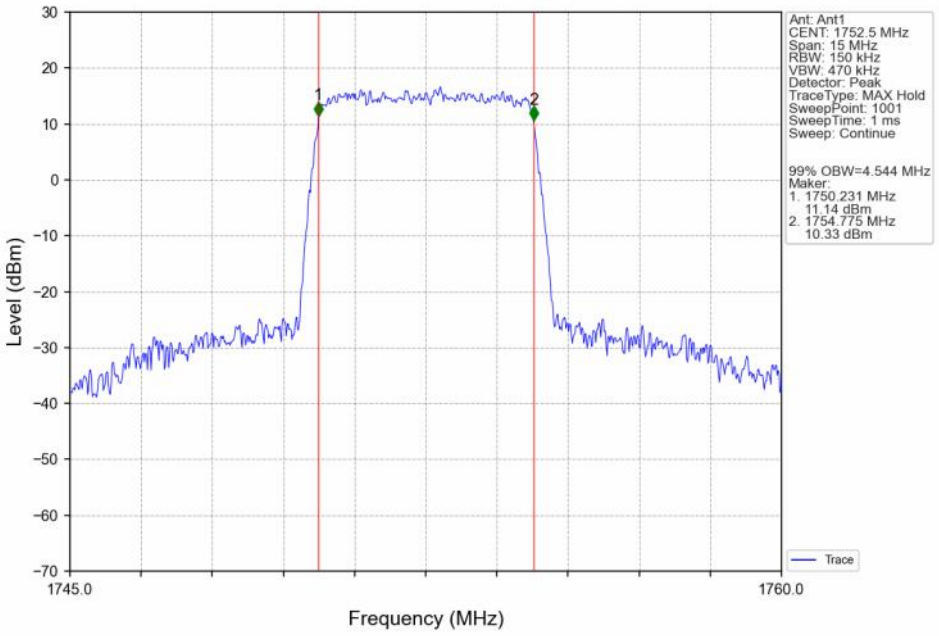
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



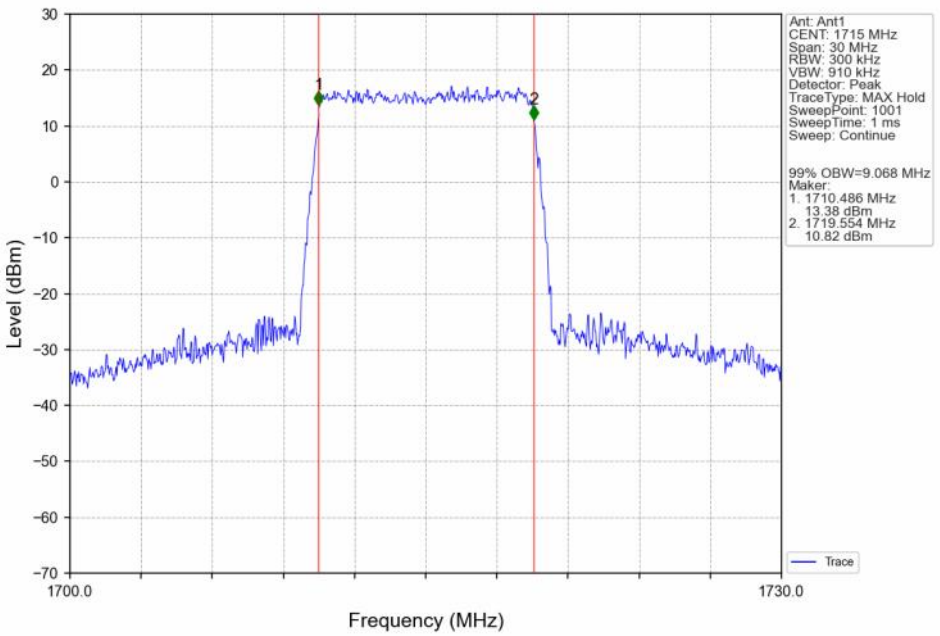
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



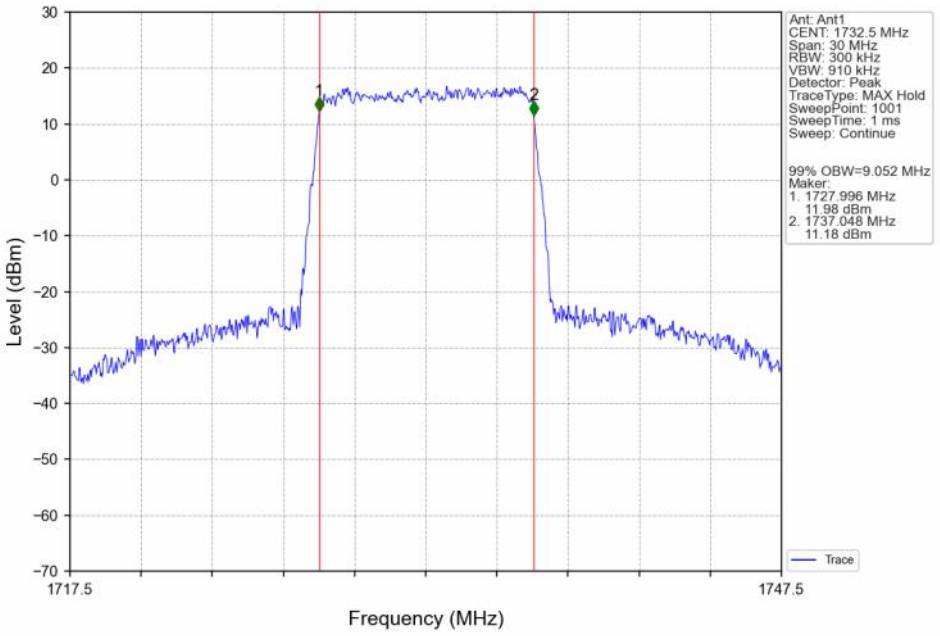
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



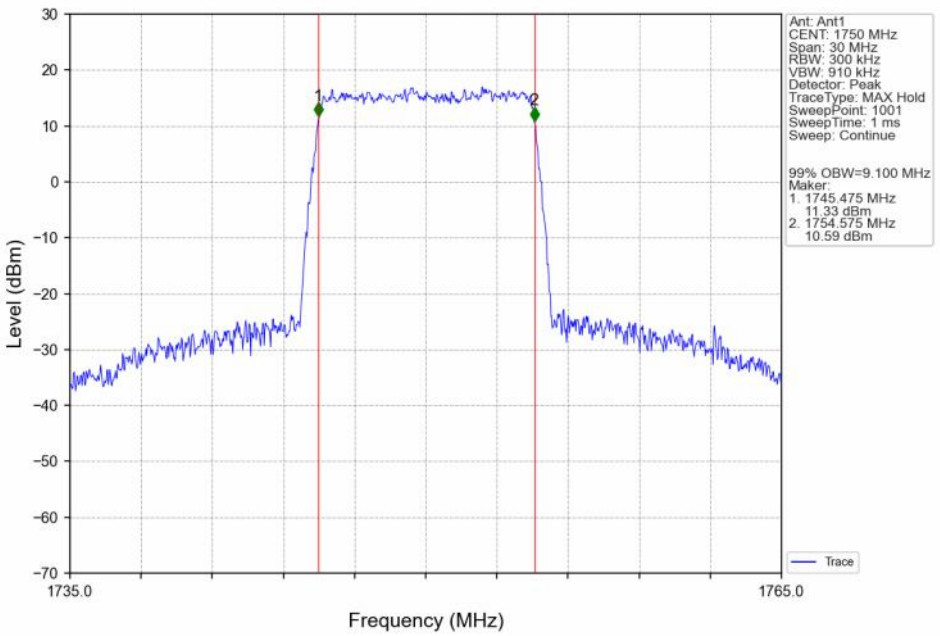
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



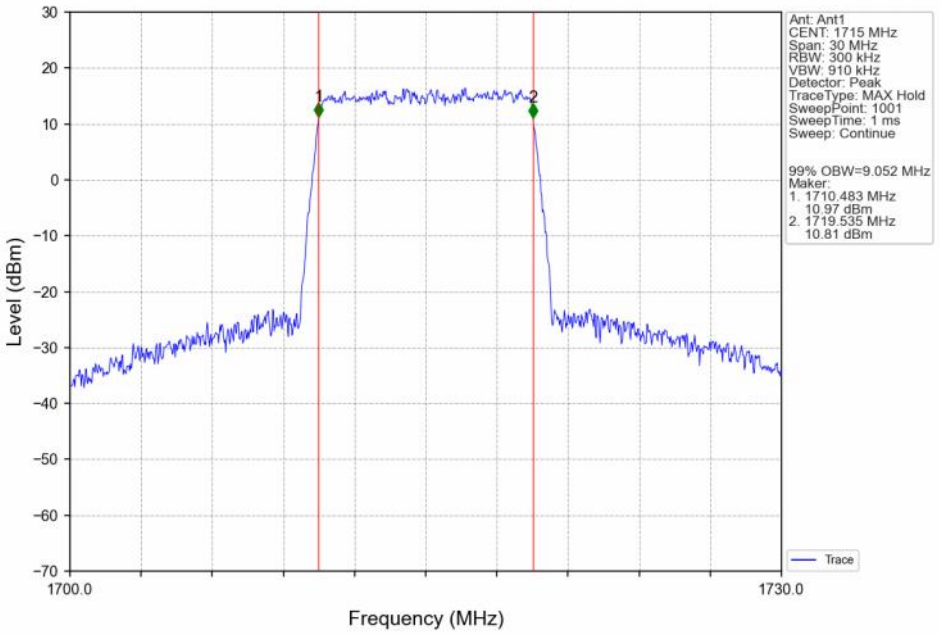
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



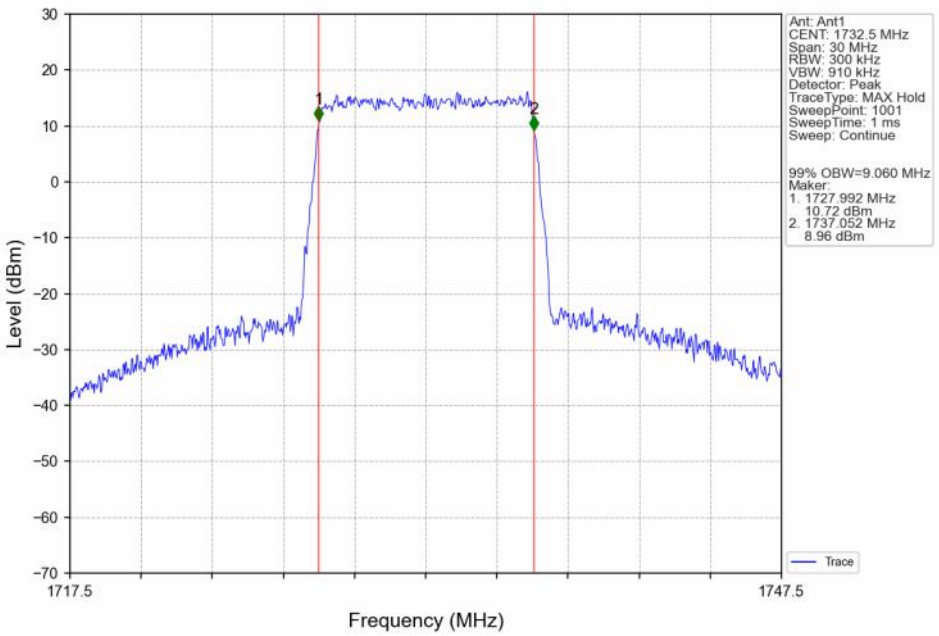
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



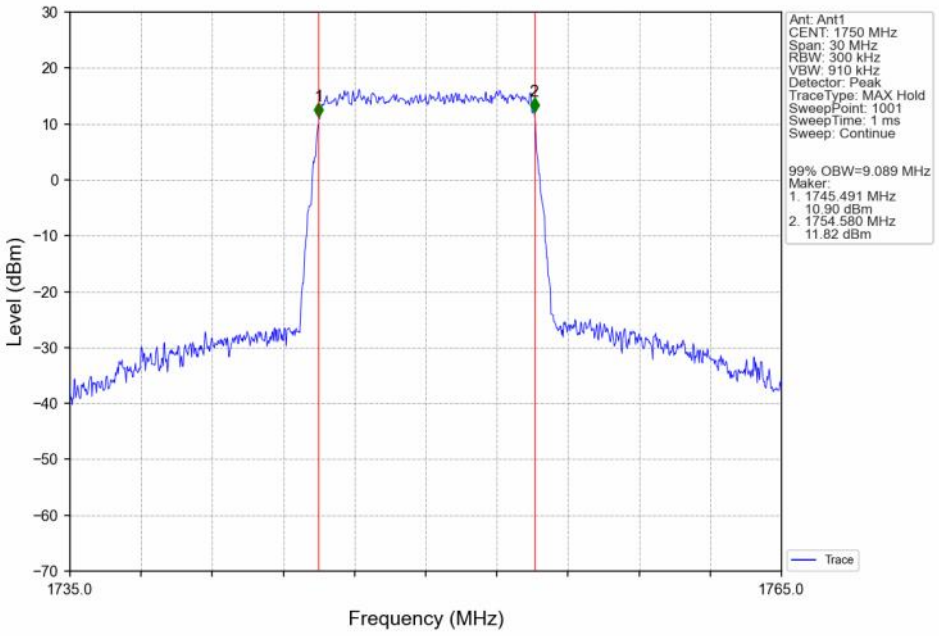
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



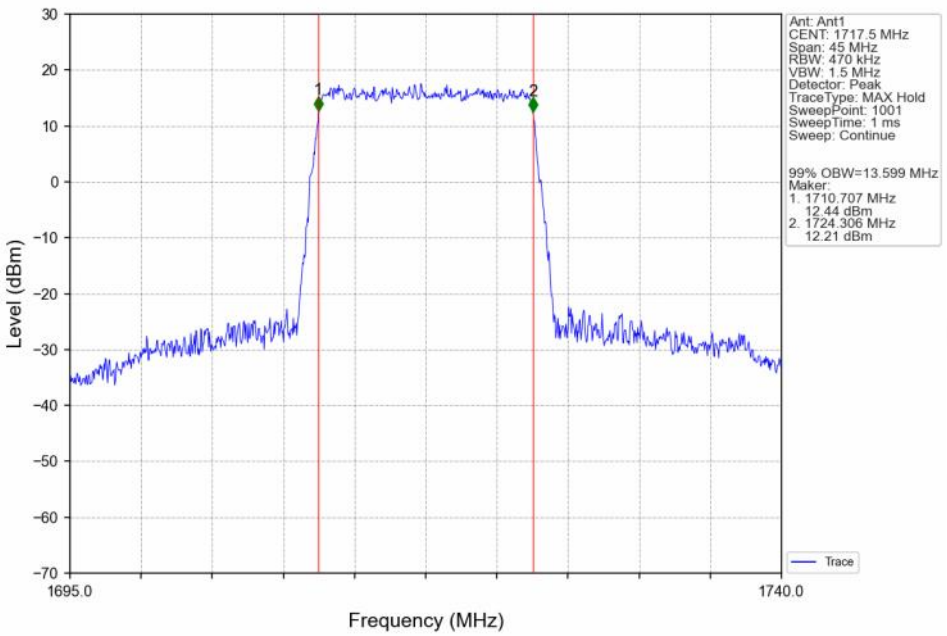
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



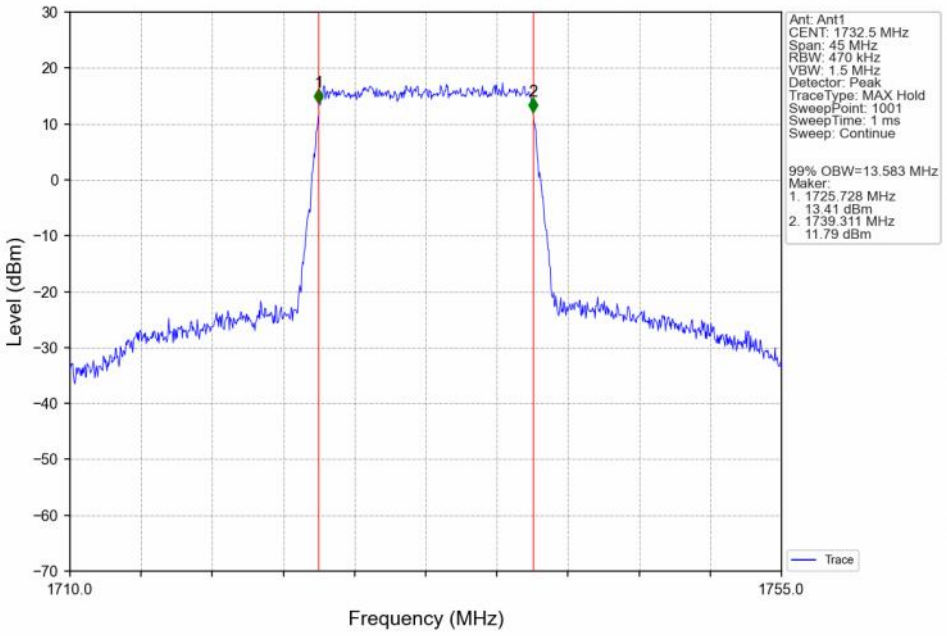
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



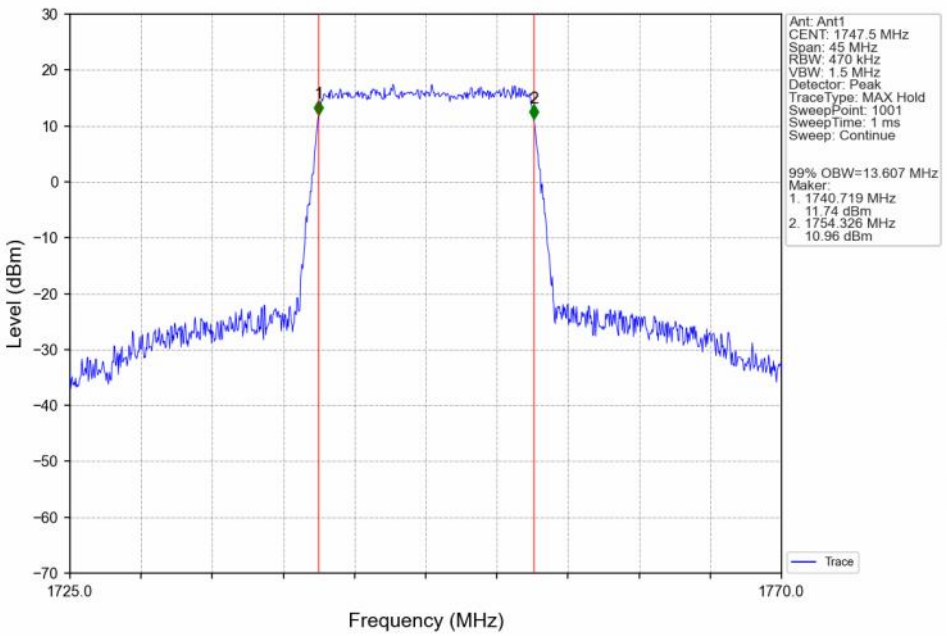
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



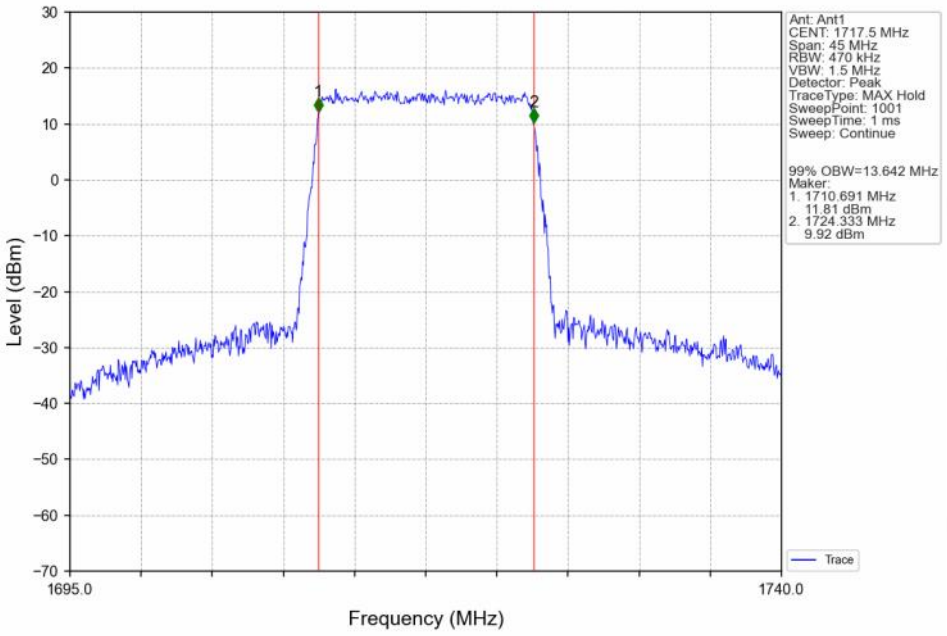
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



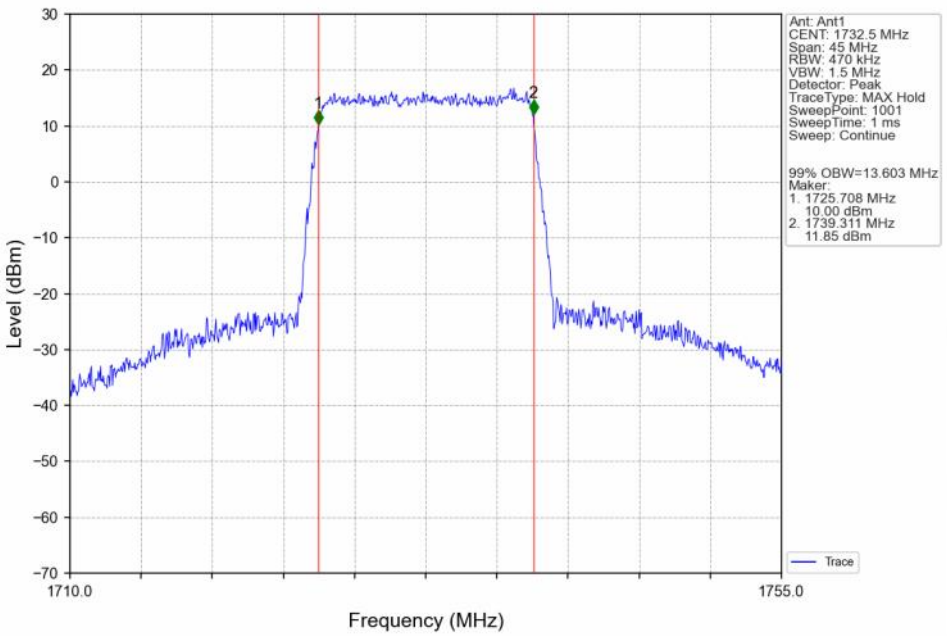
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



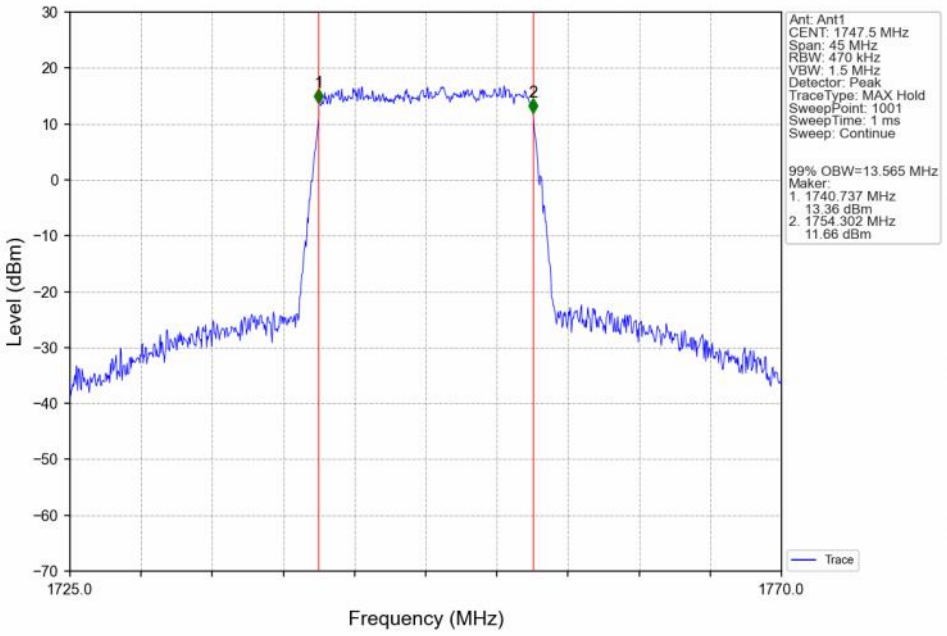
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



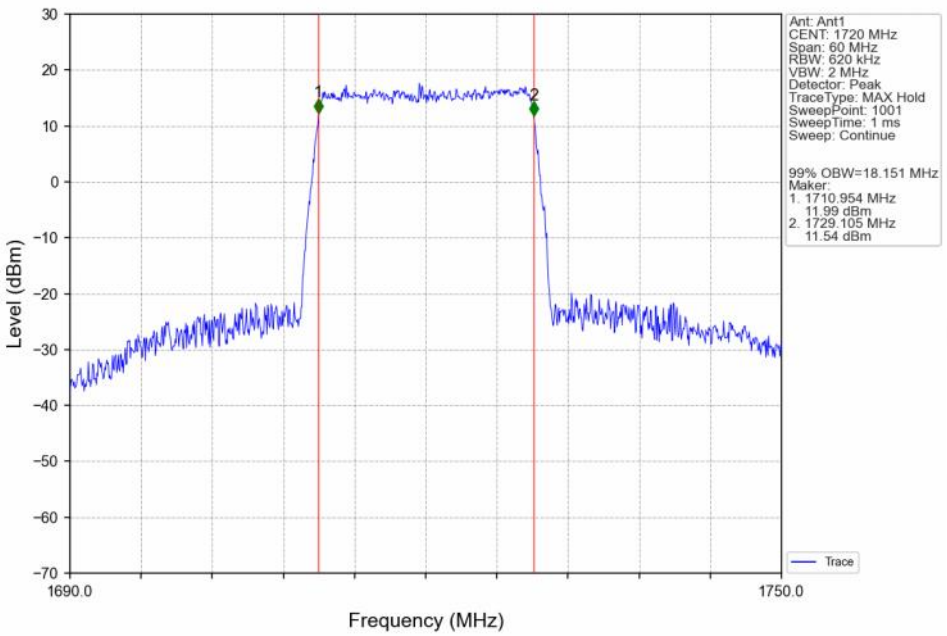
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



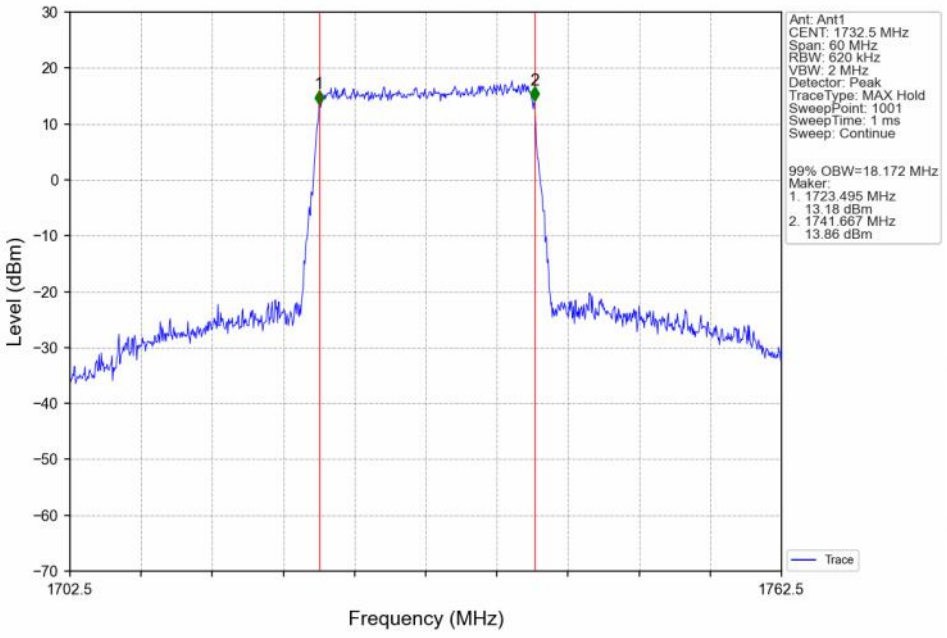
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



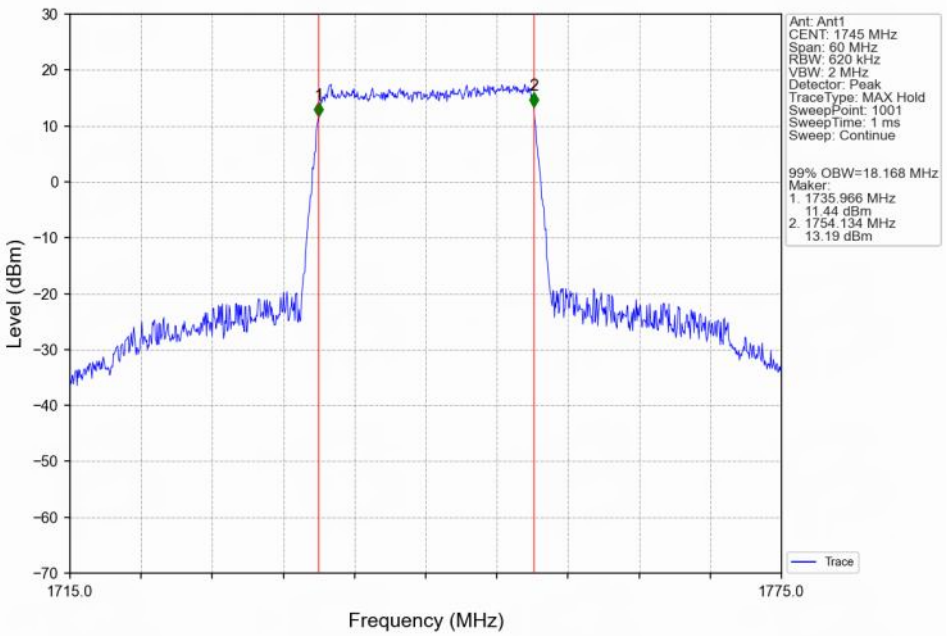
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



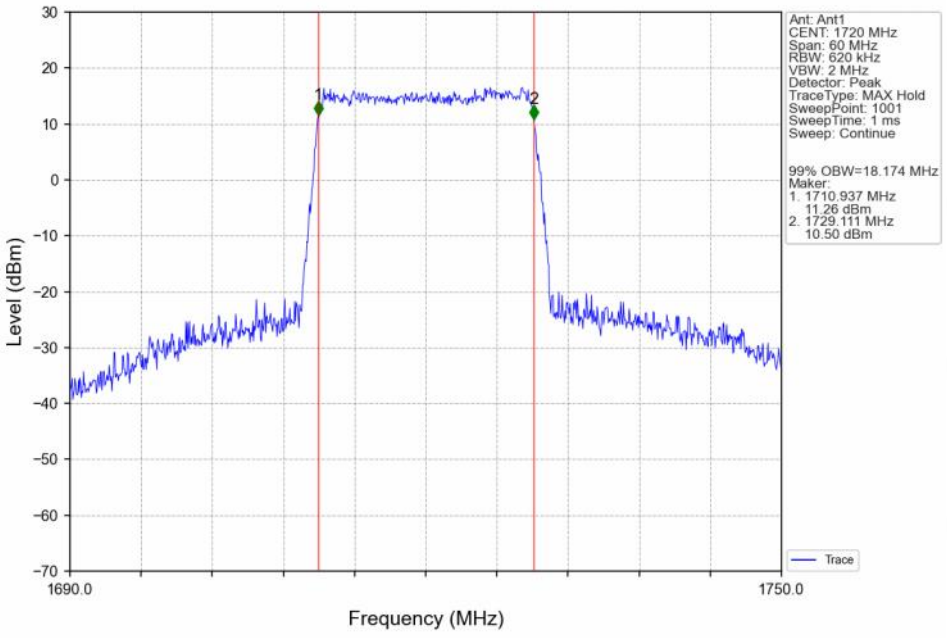
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



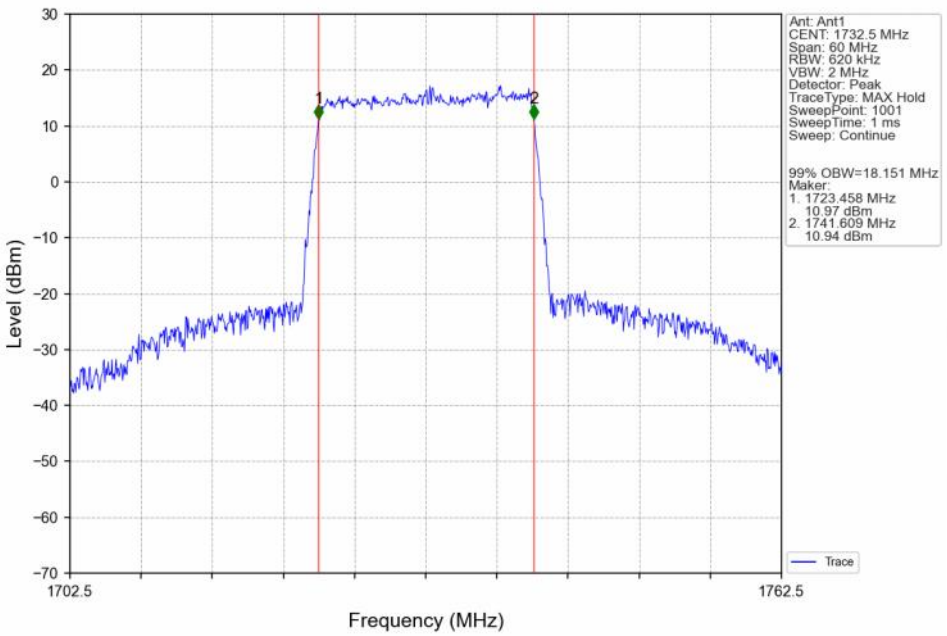
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



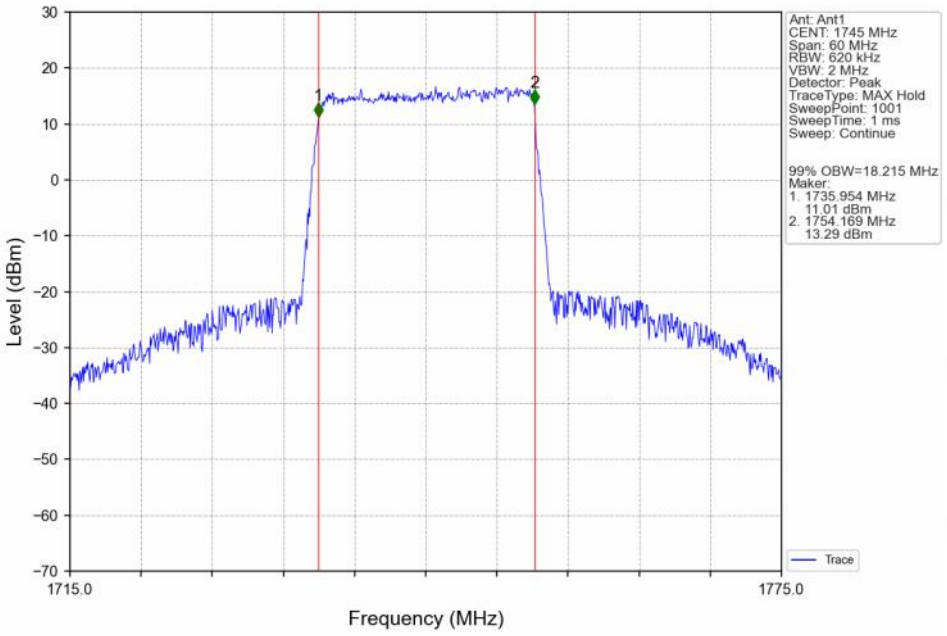
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

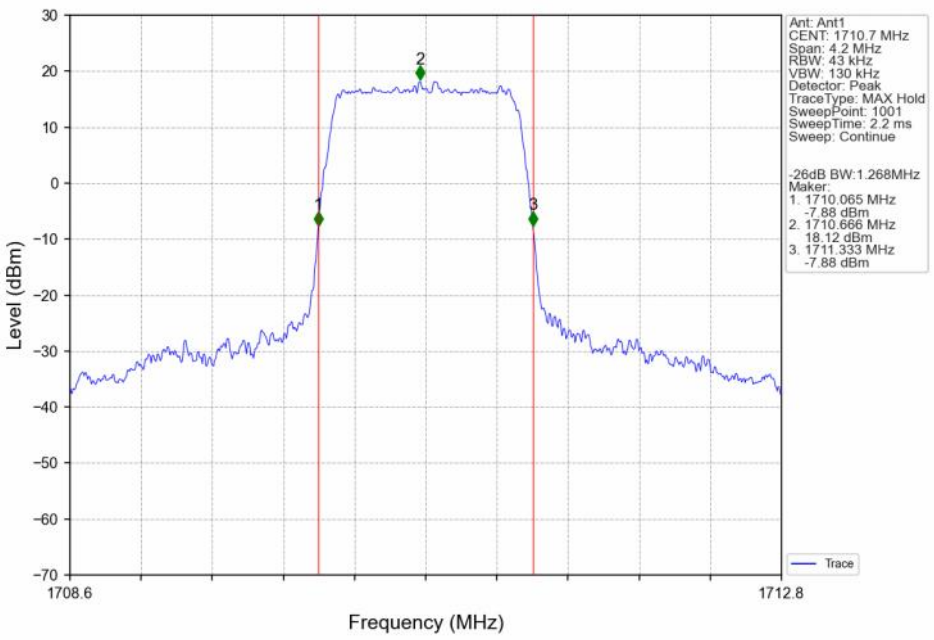


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

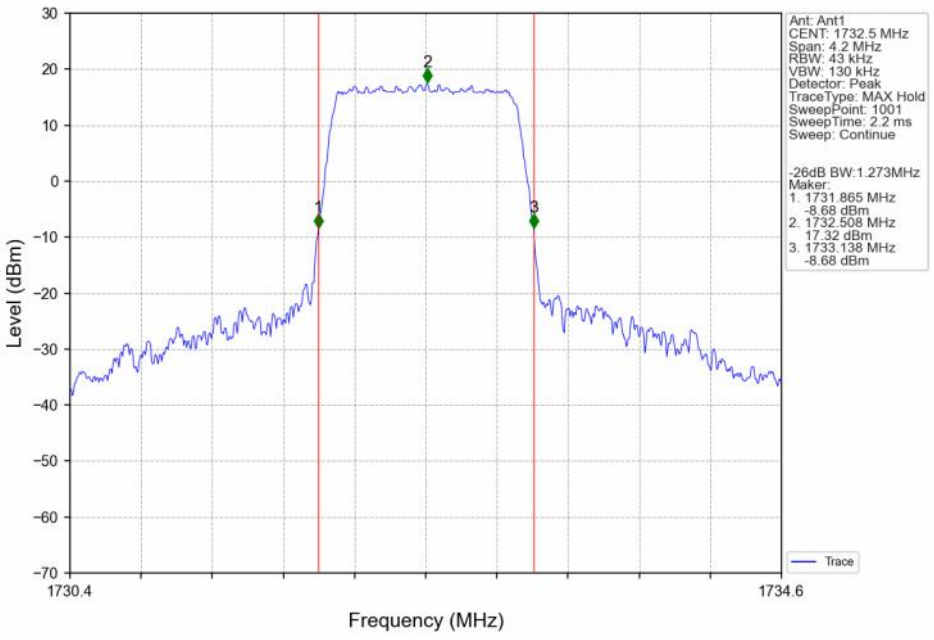


4.2.2 Band4_XDB

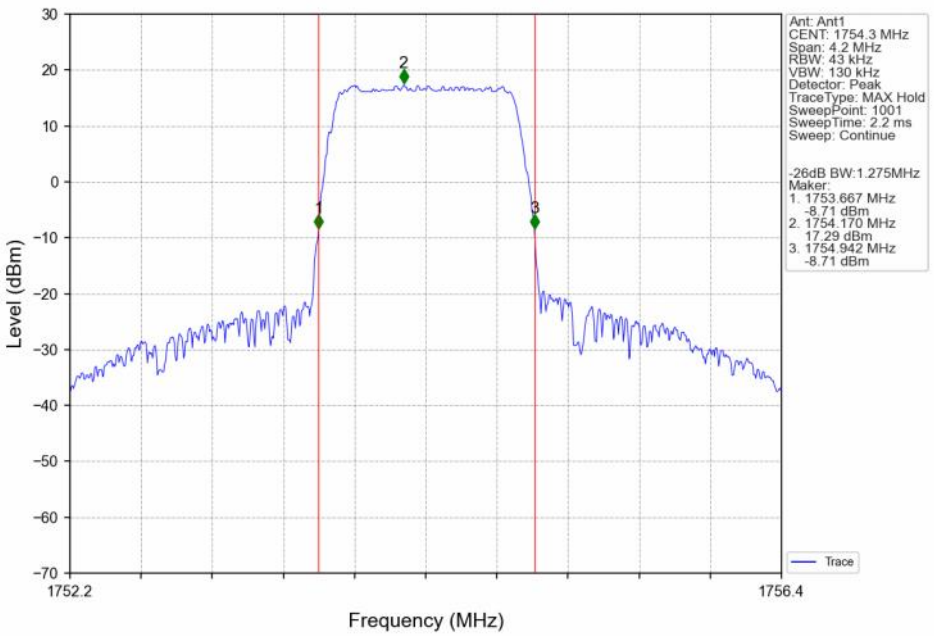
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



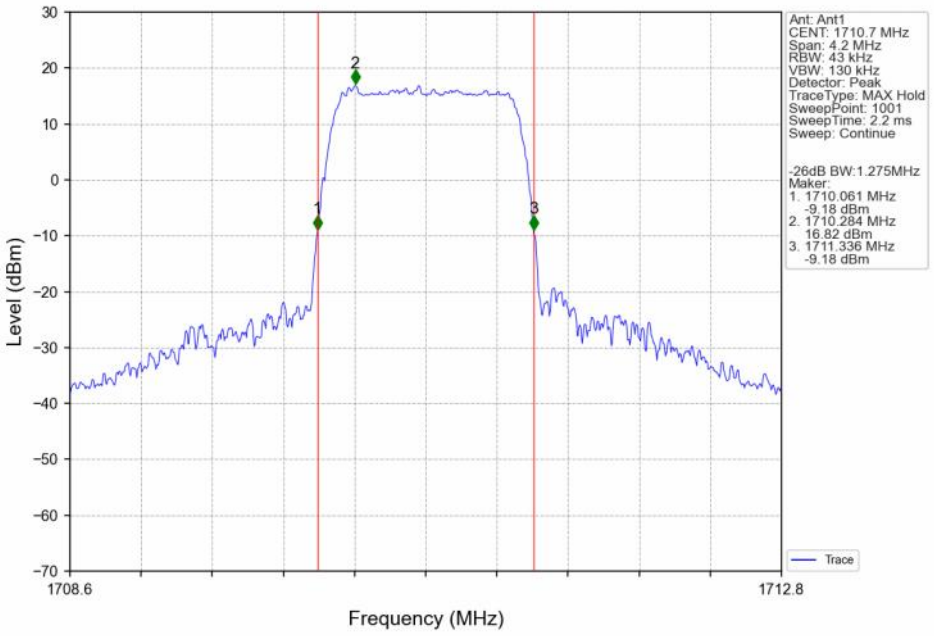
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



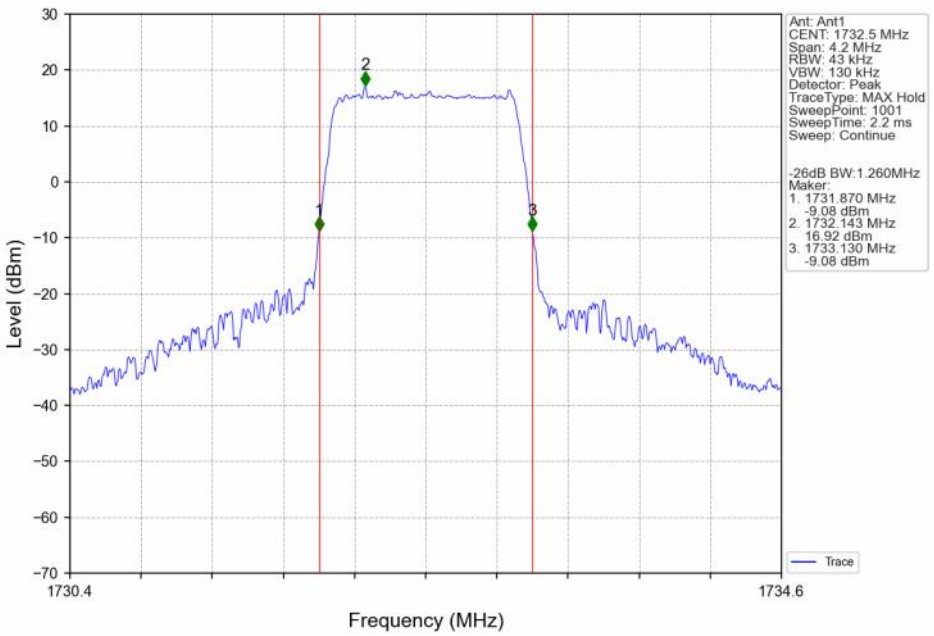
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



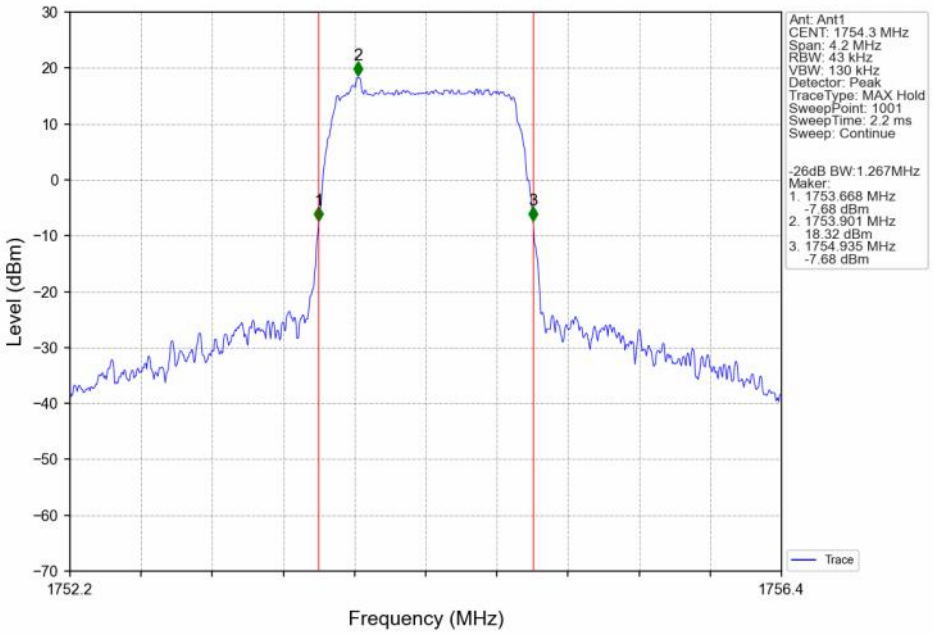
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



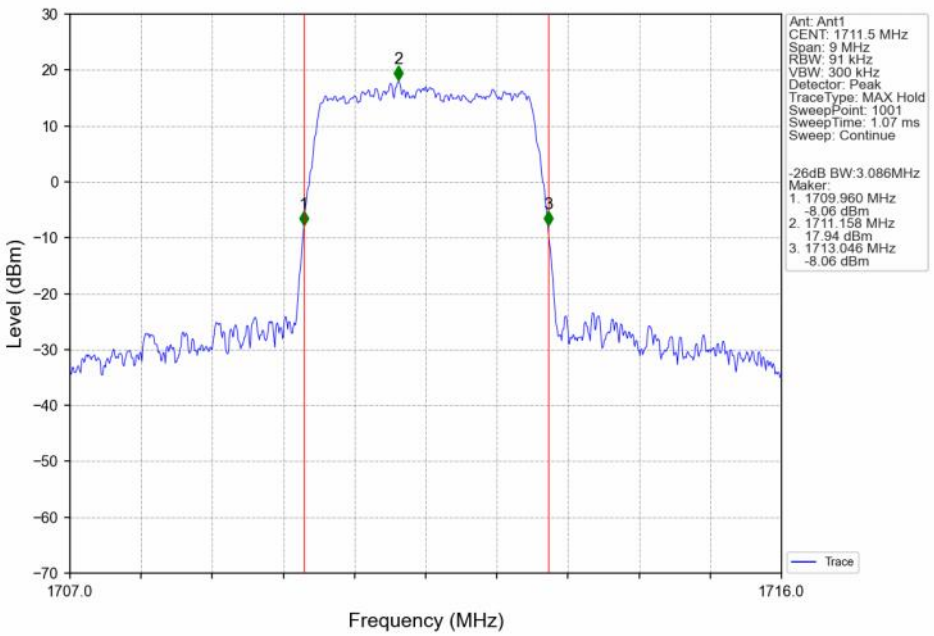
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



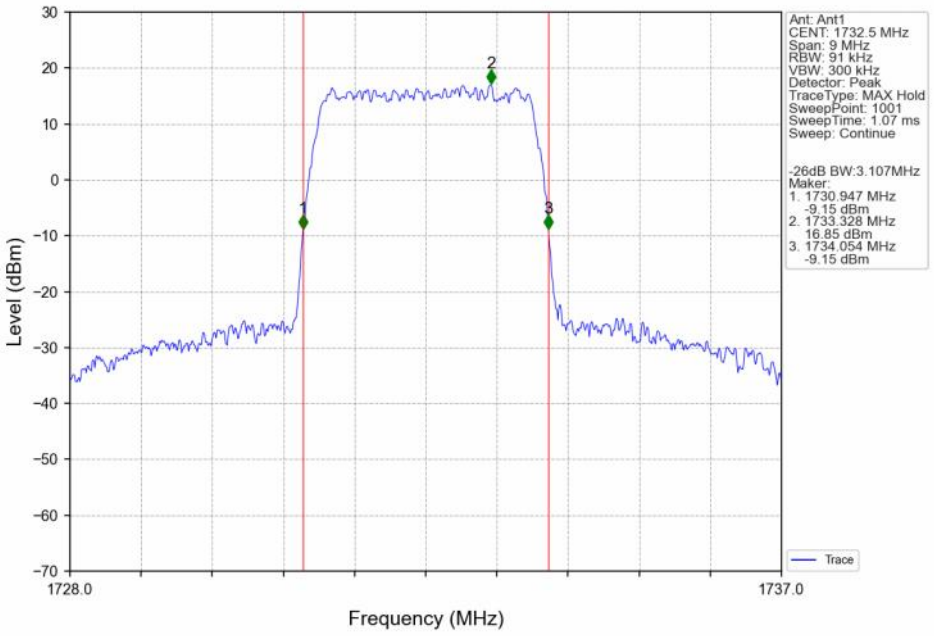
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



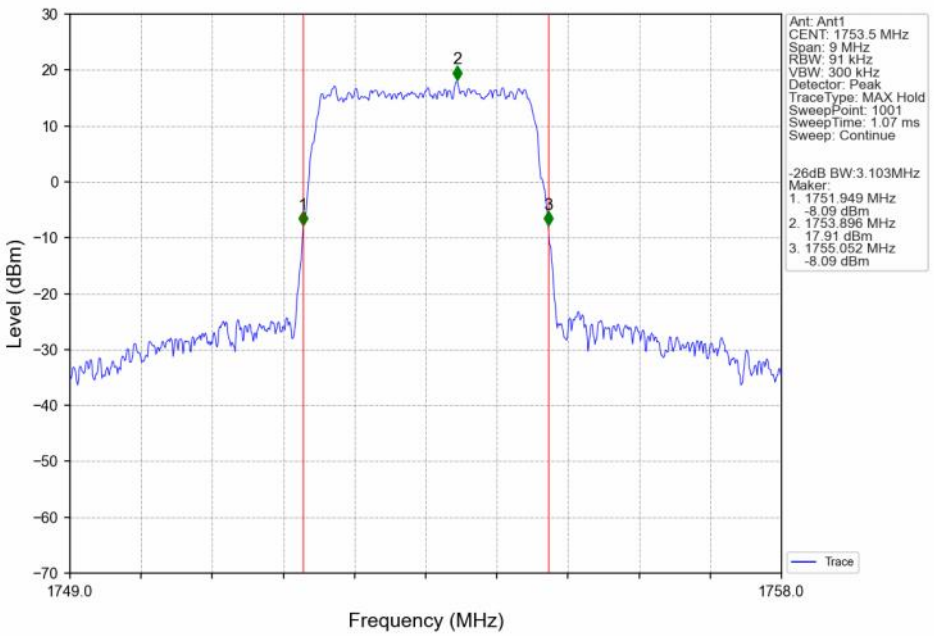
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



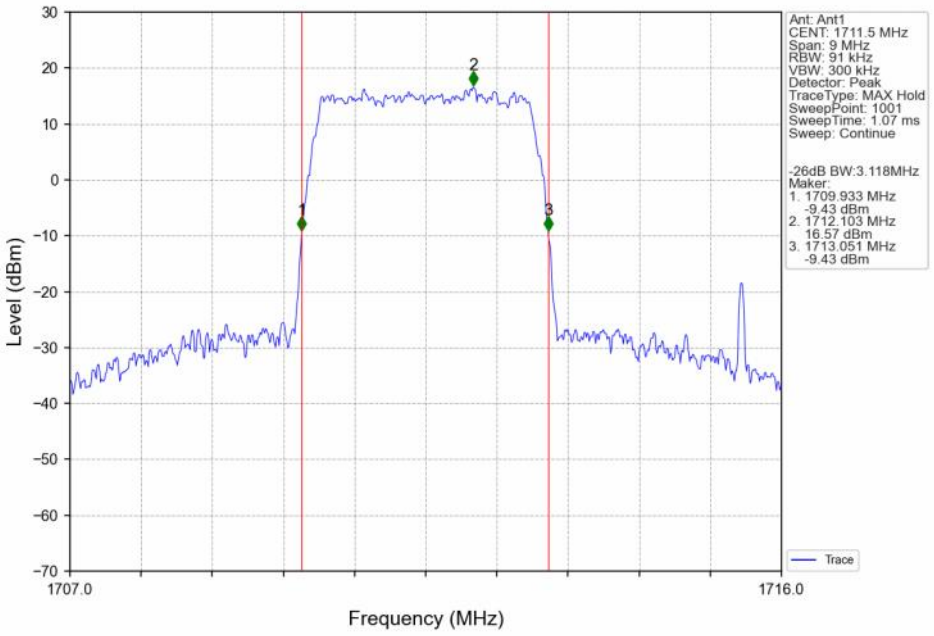
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



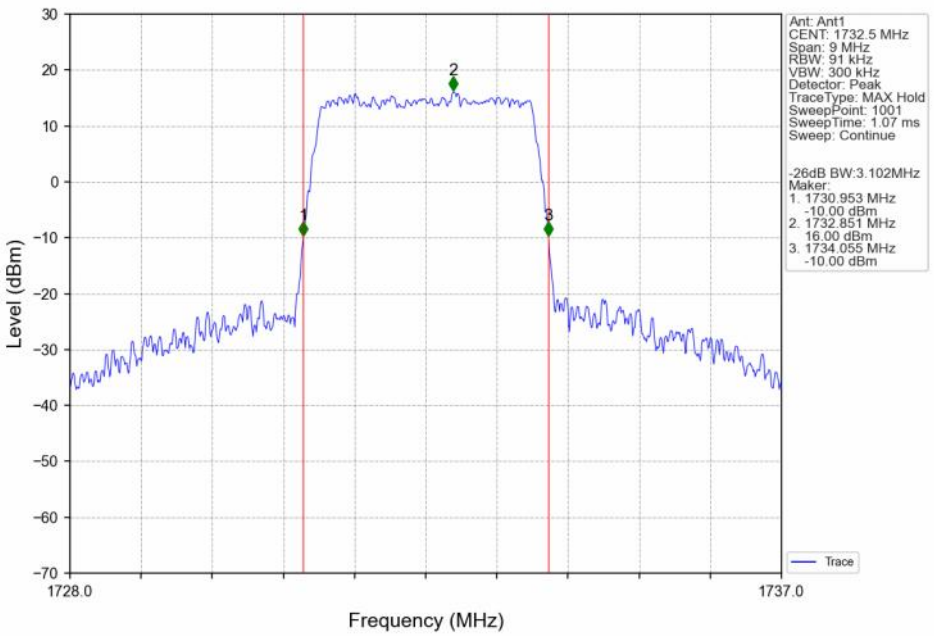
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



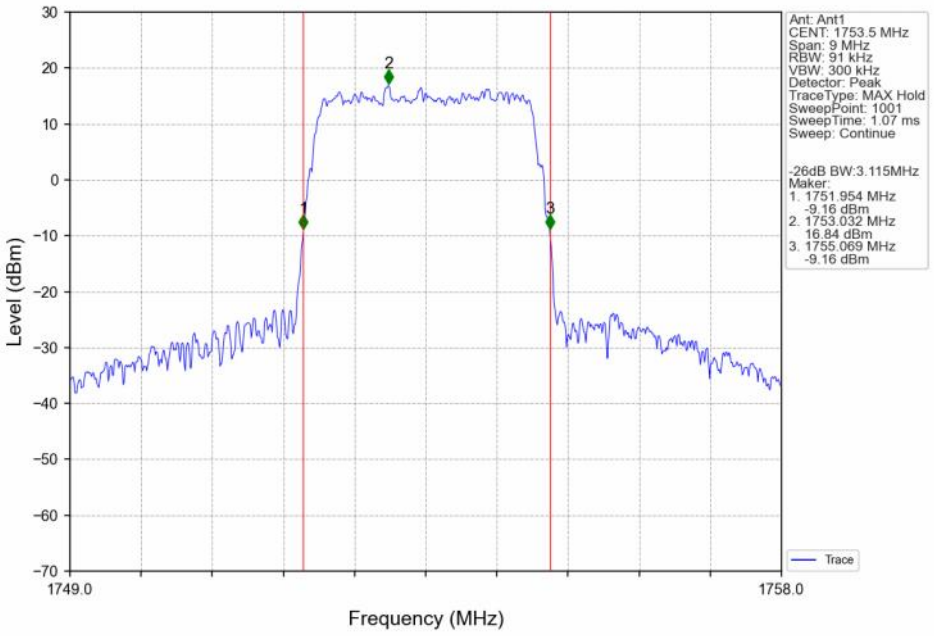
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



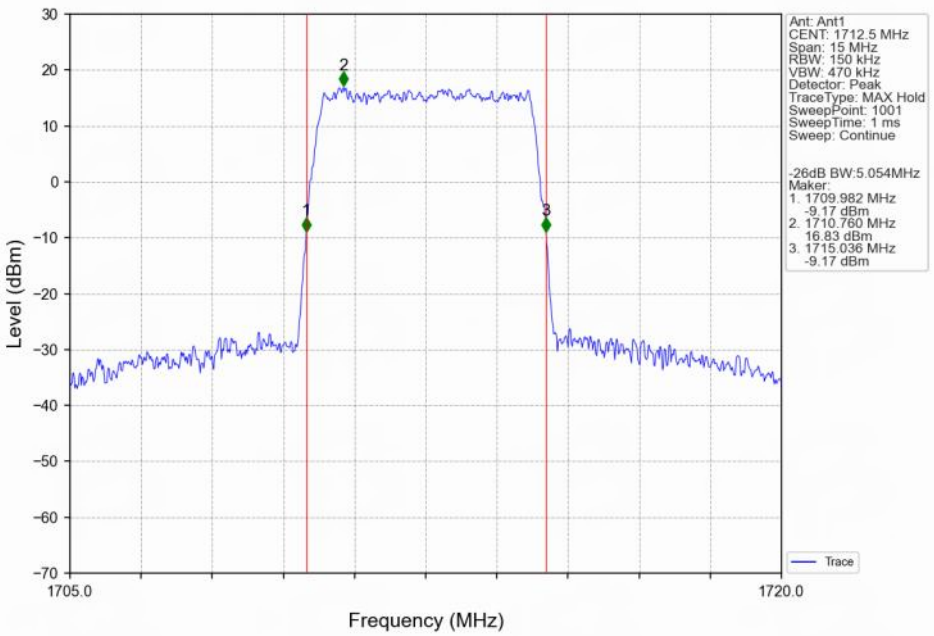
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



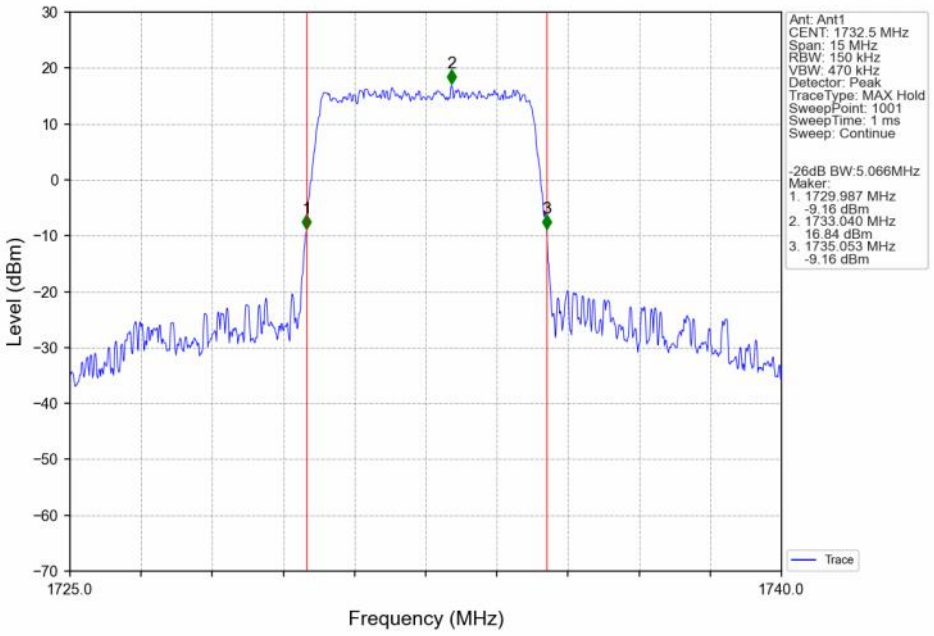
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



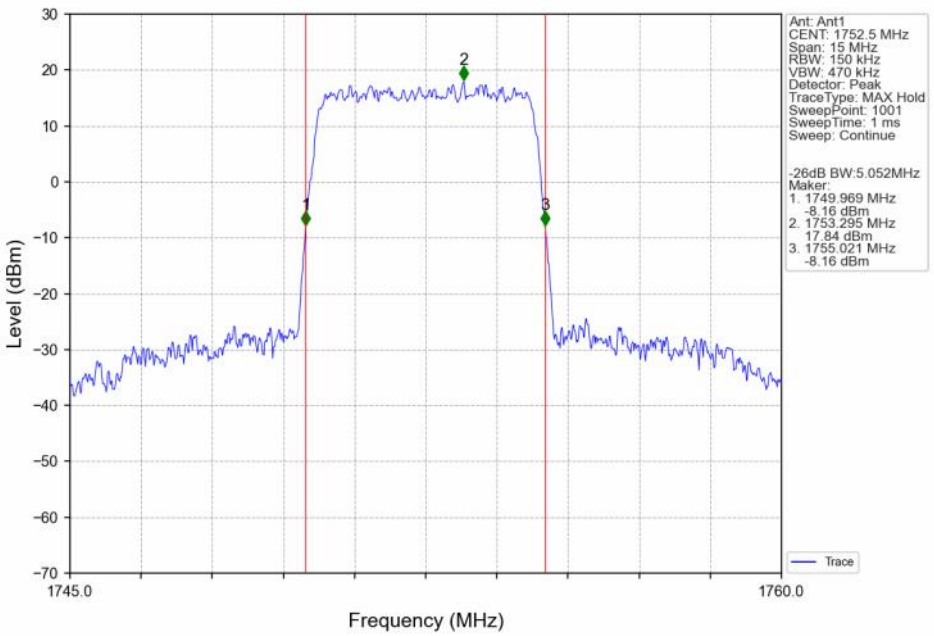
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



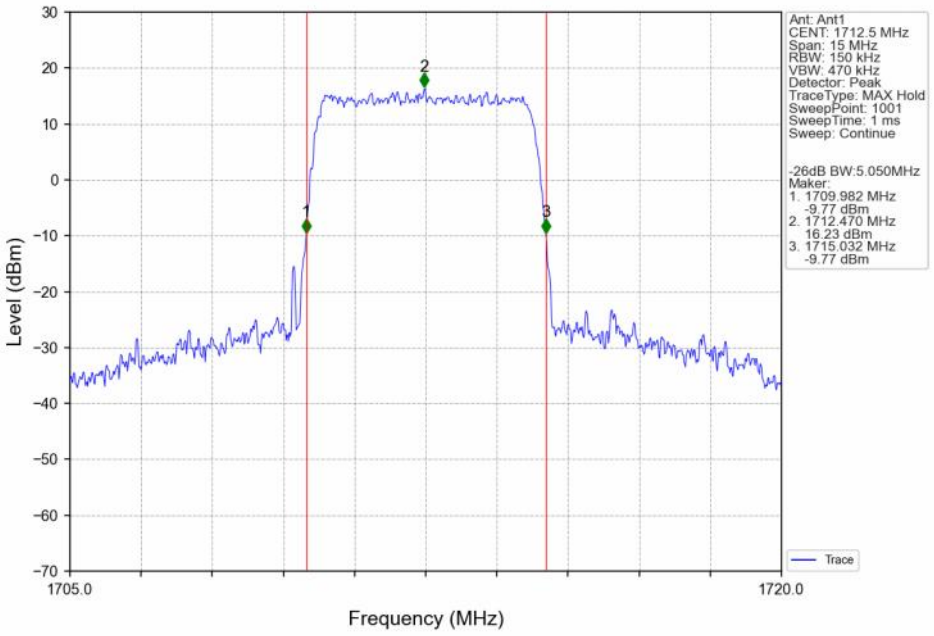
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



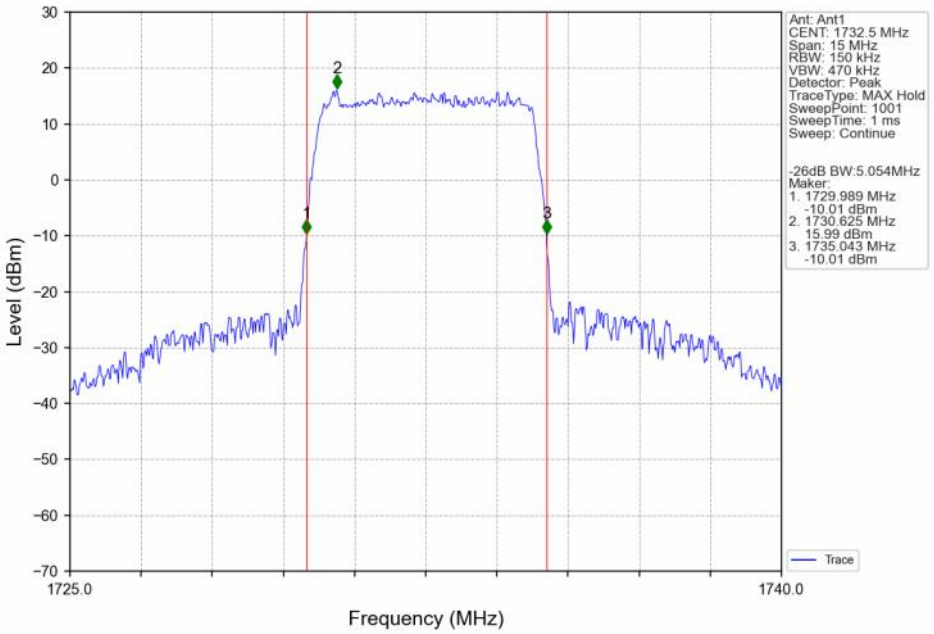
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



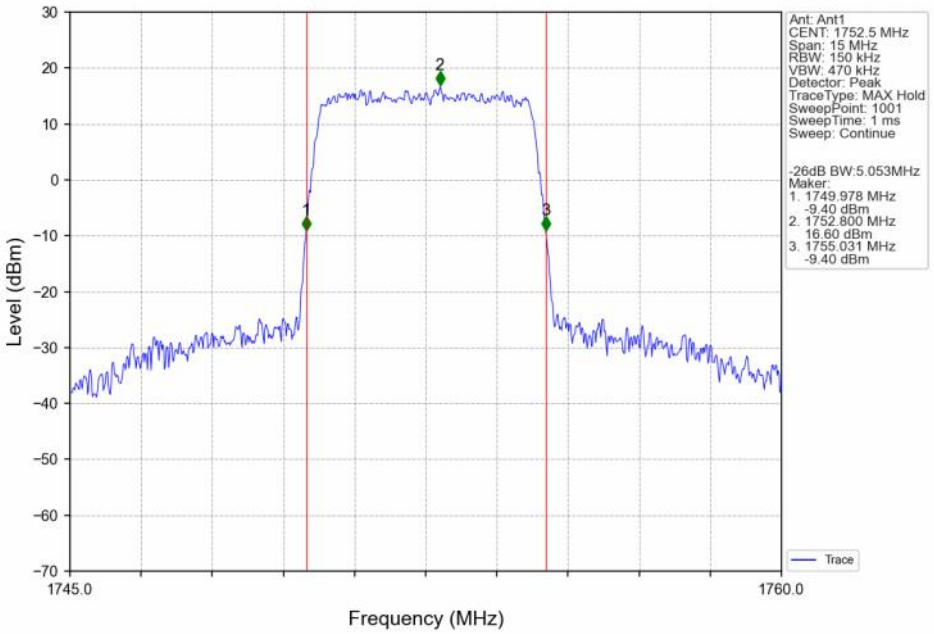
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



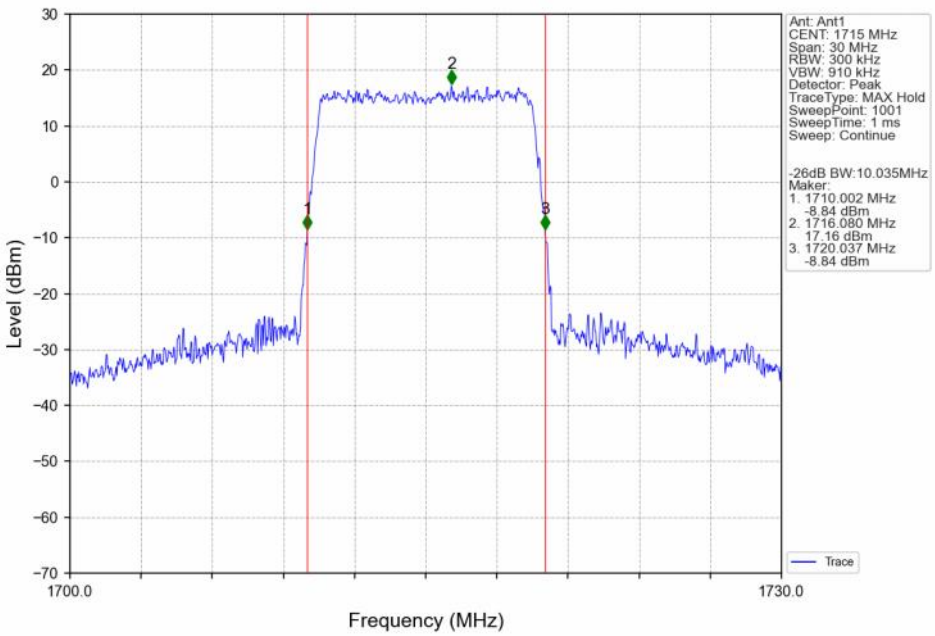
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



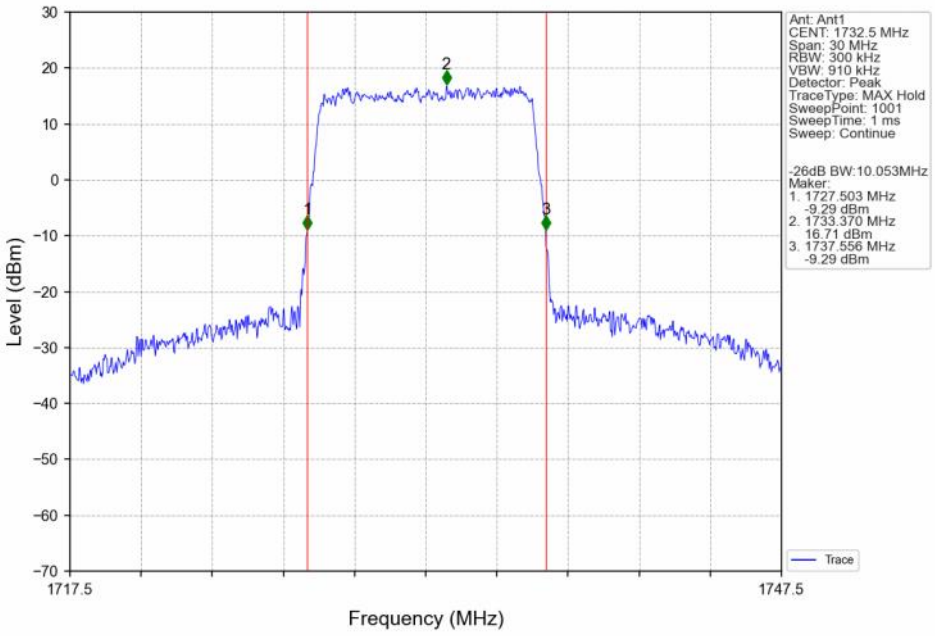
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



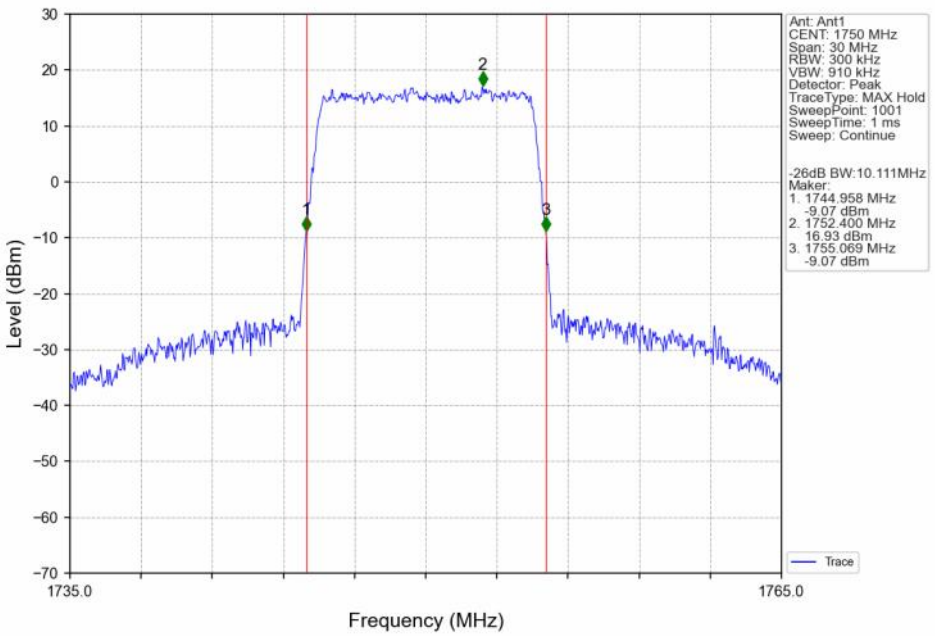
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



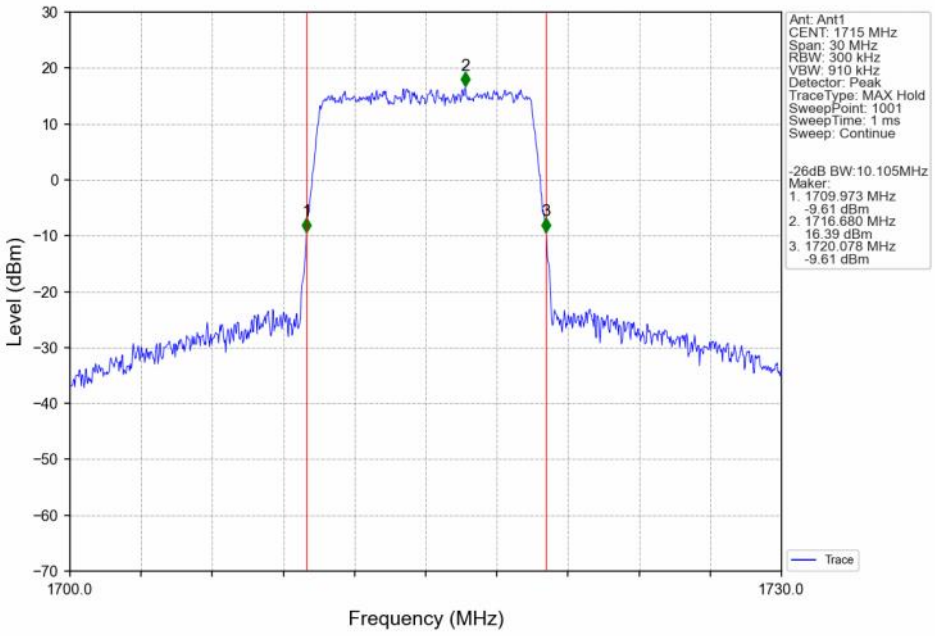
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



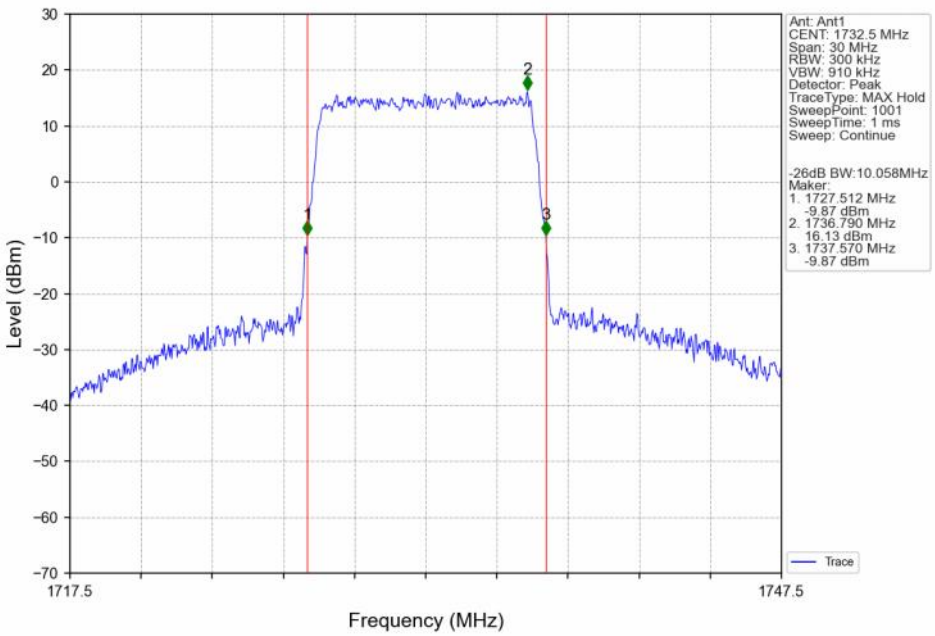
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



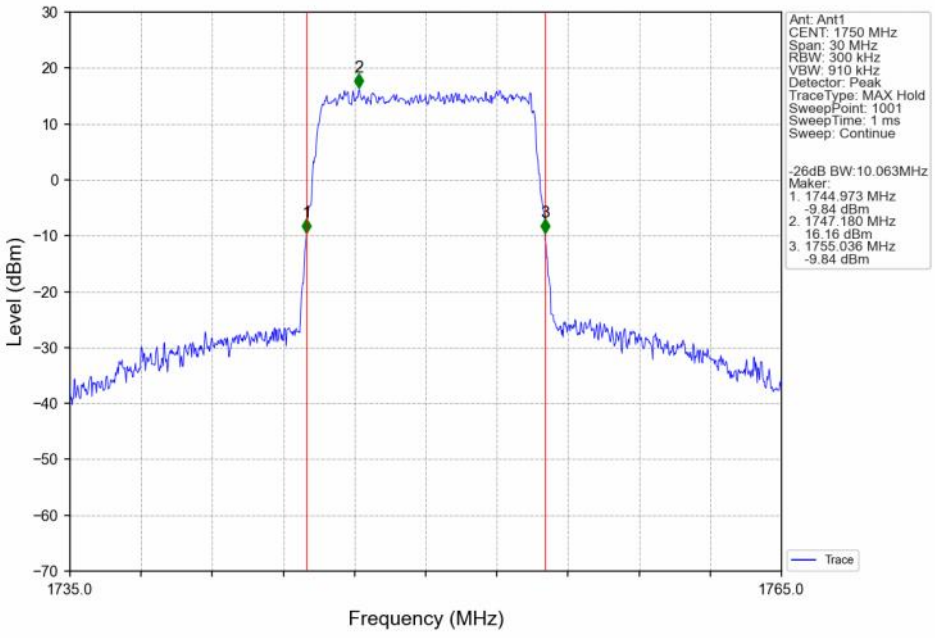
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



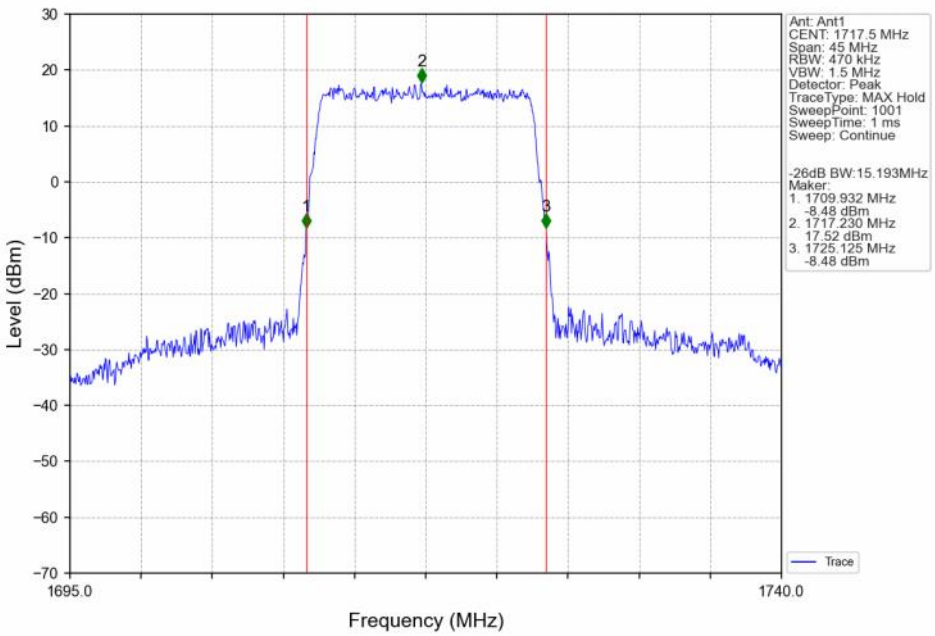
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



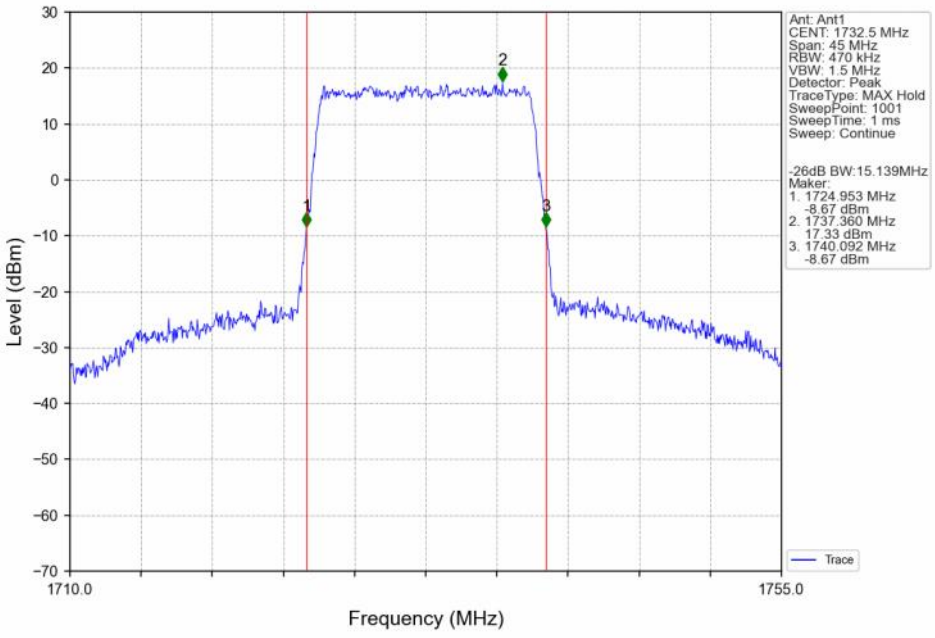
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



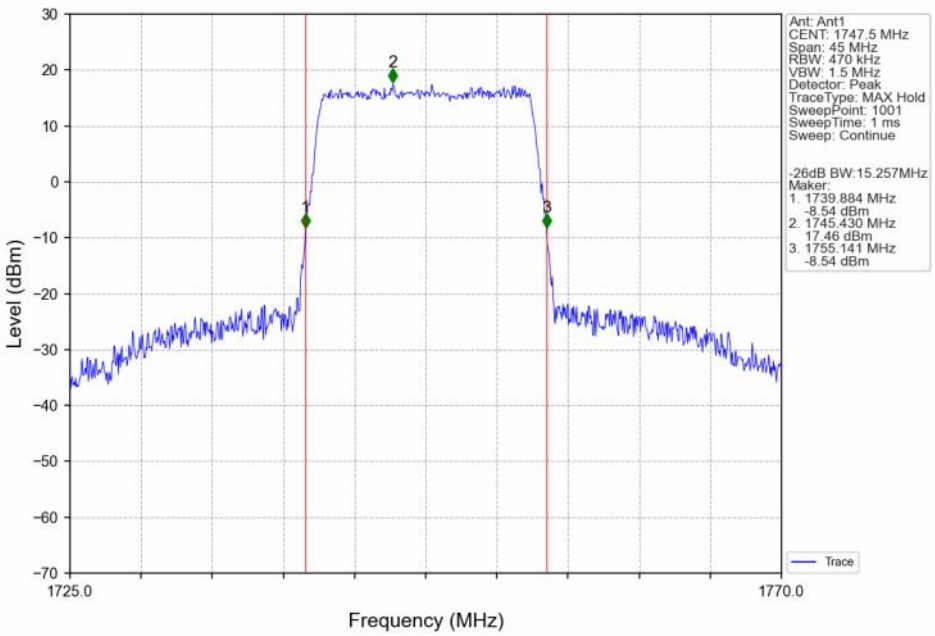
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



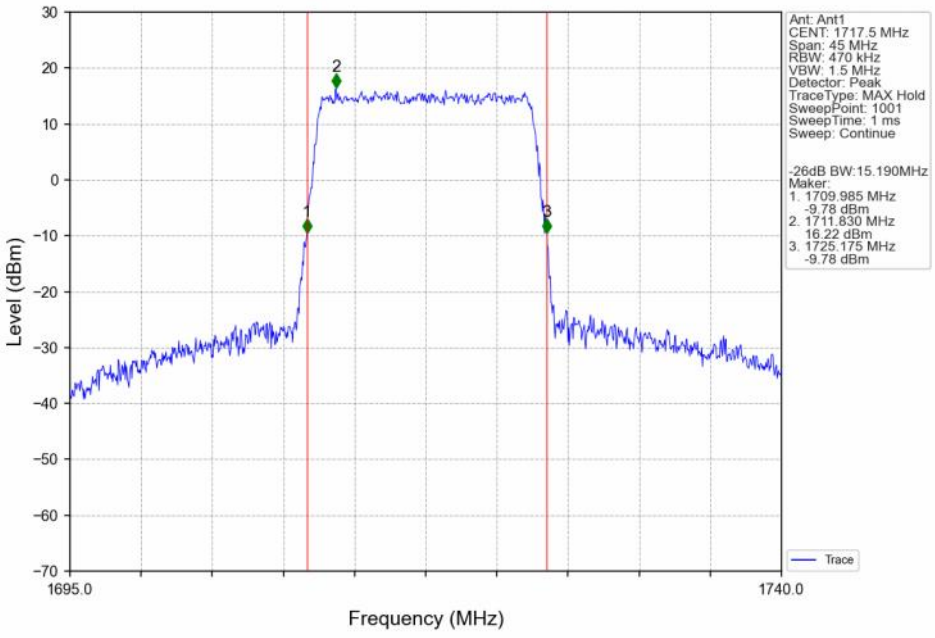
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



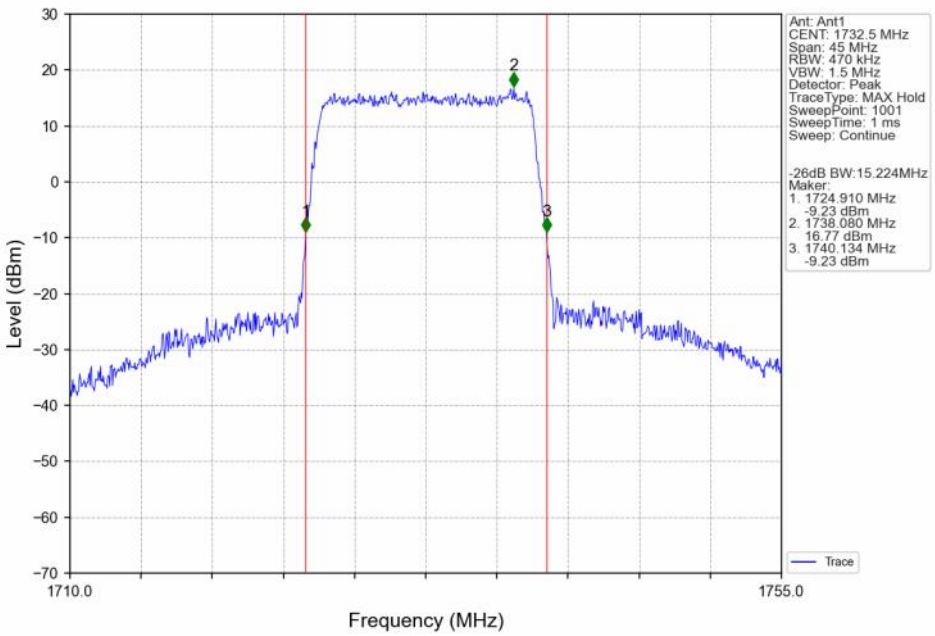
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



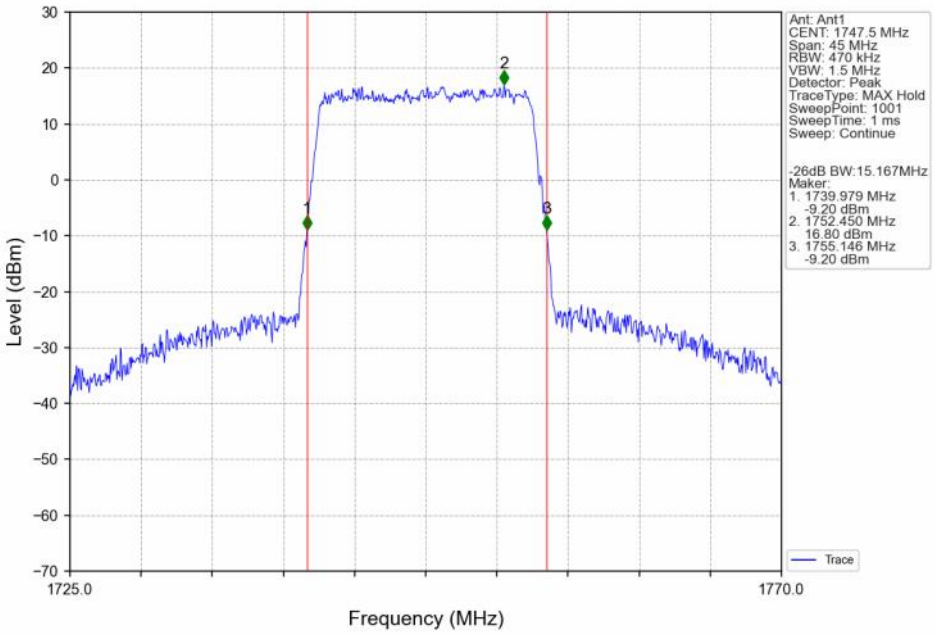
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



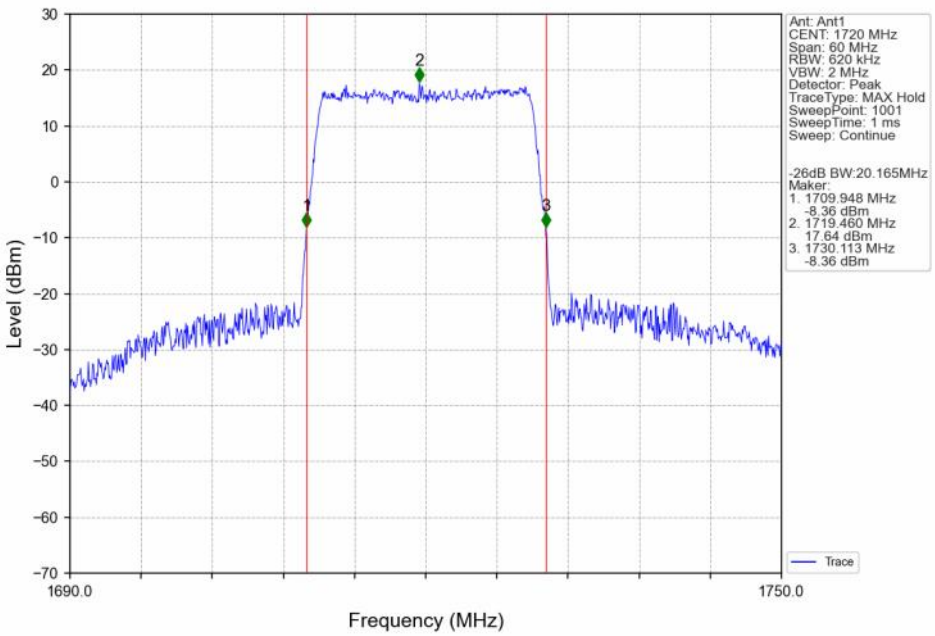
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



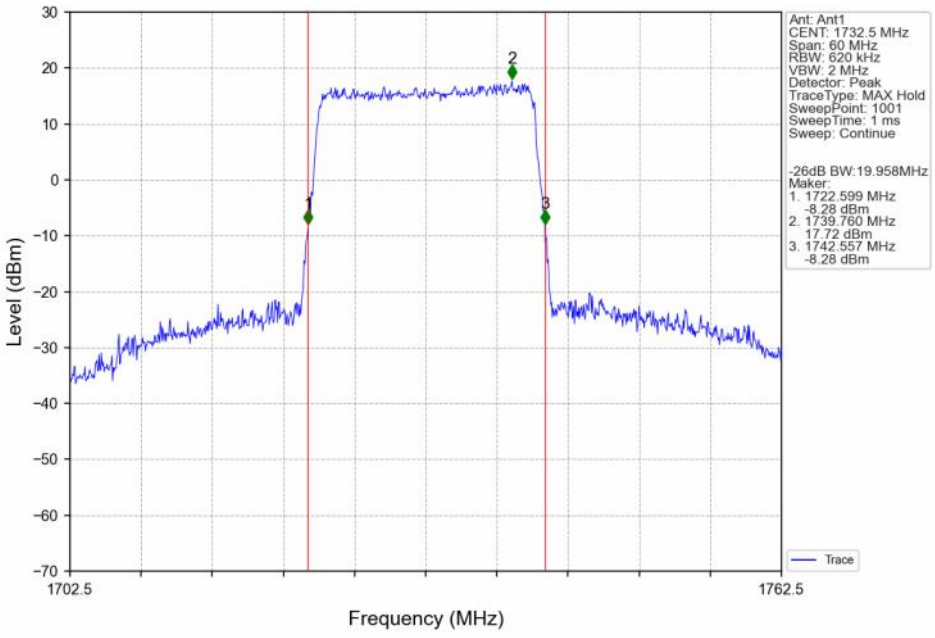
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



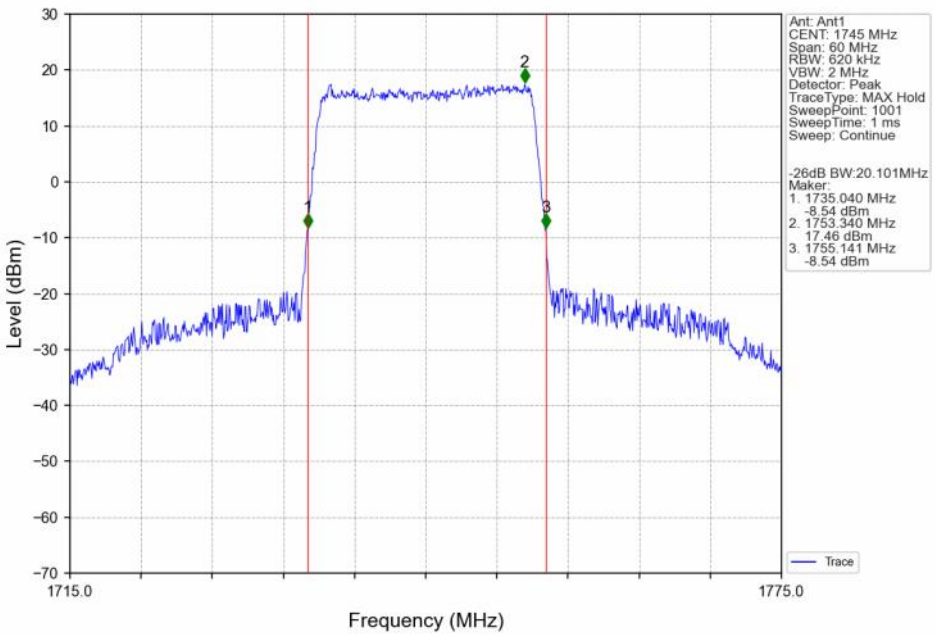
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



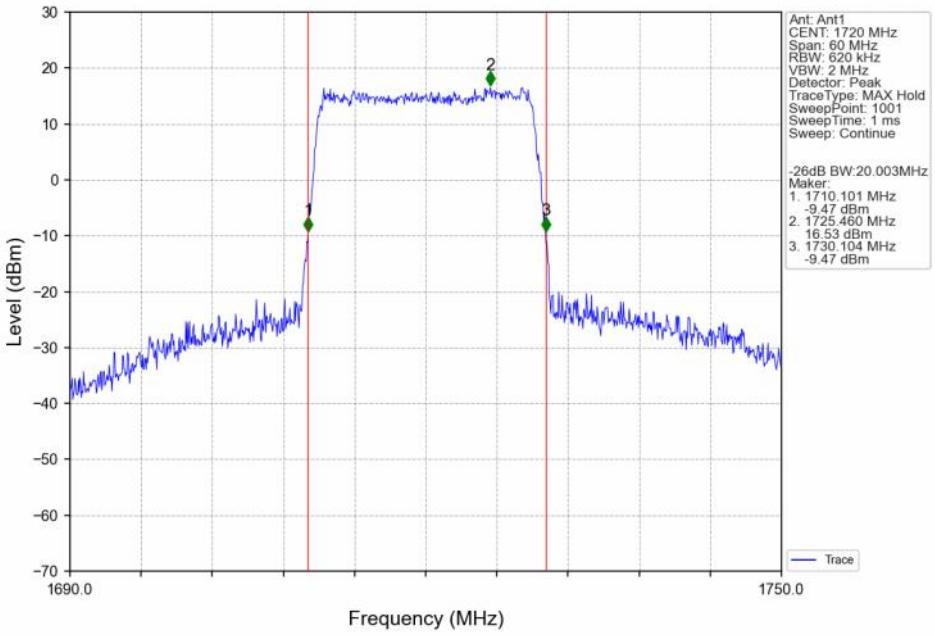
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



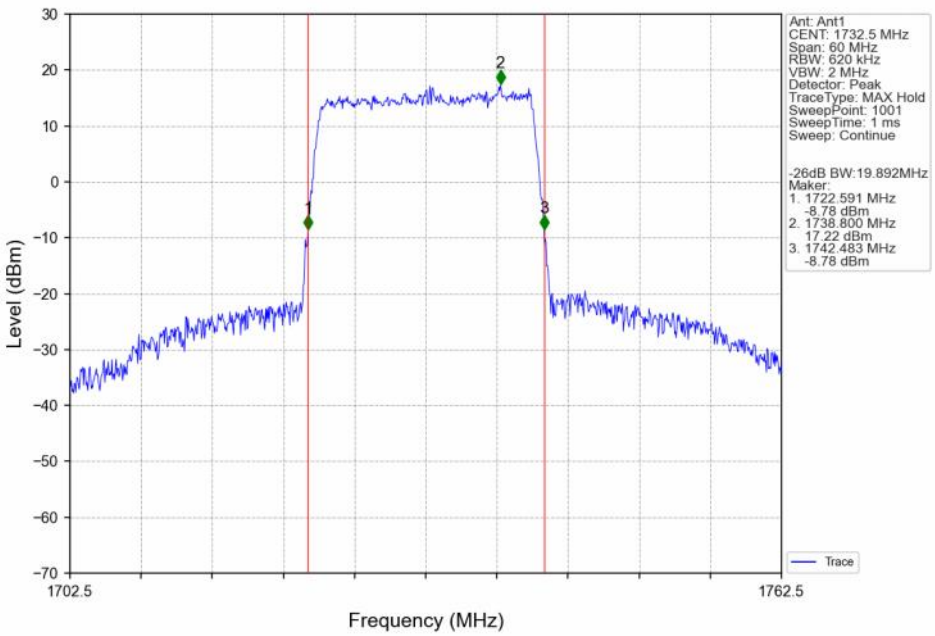
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



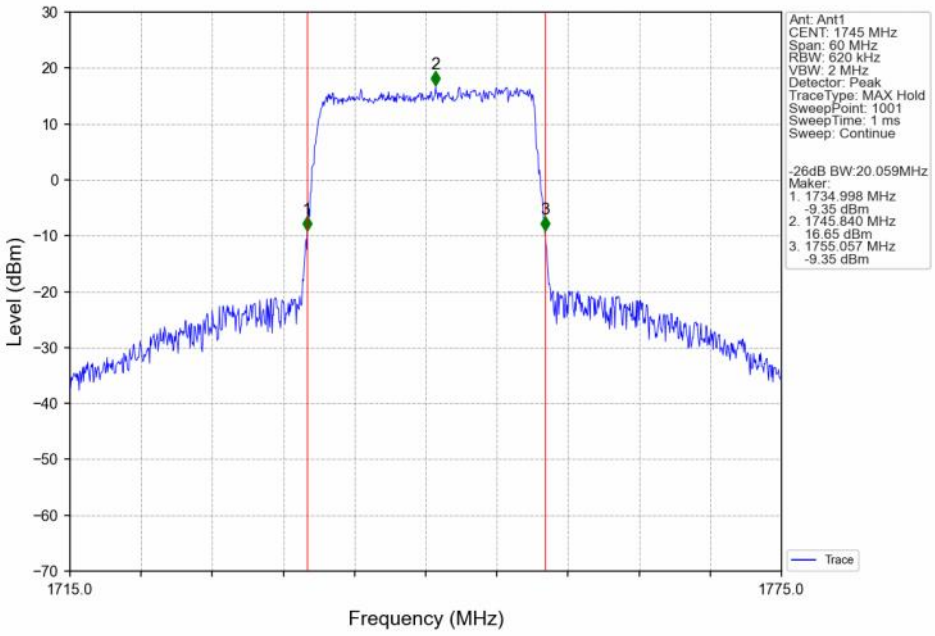
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



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	5.48	<=13	Pass
	1732.5	6	0	5.25	<=13	Pass
	1754.3	6	0	5.50	<=13	Pass
16QAM	1710.7	6	0	6.19	<=13	Pass
	1732.5	6	0	6.04	<=13	Pass
	1754.3	6	0	6.22	<=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	5.49	<=13	Pass
	1732.5	15	0	5.31	<=13	Pass
	1753.5	15	0	5.52	<=13	Pass
16QAM	1711.5	15	0	6.24	<=13	Pass
	1732.5	15	0	6.13	<=13	Pass
	1753.5	15	0	6.34	<=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	5.57	<=13	Pass
	1732.5	25	0	5.49	<=13	Pass
	1752.5	25	0	5.57	<=13	Pass
16QAM	1712.5	25	0	6.32	<=13	Pass
	1732.5	25	0	6.20	<=13	Pass
	1752.5	25	0	6.26	<=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	5.64	<=13	Pass
	1732.5	50	0	5.52	<=13	Pass
	1750	50	0	5.60	<=13	Pass
16QAM	1715	50	0	6.28	<=13	Pass
	1732.5	50	0	6.25	<=13	Pass

	1750	50	0	6.31	<=13	Pass

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	5.84	<=13	Pass
	1732.5	75	0	5.70	<=13	Pass
	1747.5	75	0	5.77	<=13	Pass
16QAM	1717.5	75	0	6.34	<=13	Pass
	1732.5	75	0	6.22	<=13	Pass
	1747.5	75	0	6.27	<=13	Pass

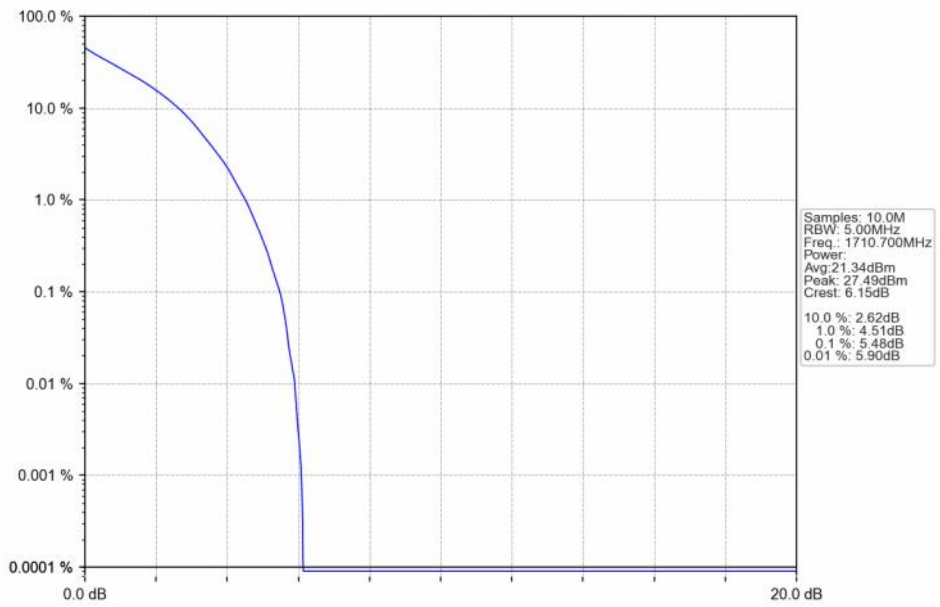
5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.65	<=13	Pass
	1732.5	100	0	5.55	<=13	Pass
	1745	100	0	5.56	<=13	Pass
16QAM	1720	100	0	6.32	<=13	Pass
	1732.5	100	0	6.25	<=13	Pass
	1745	100	0	6.27	<=13	Pass

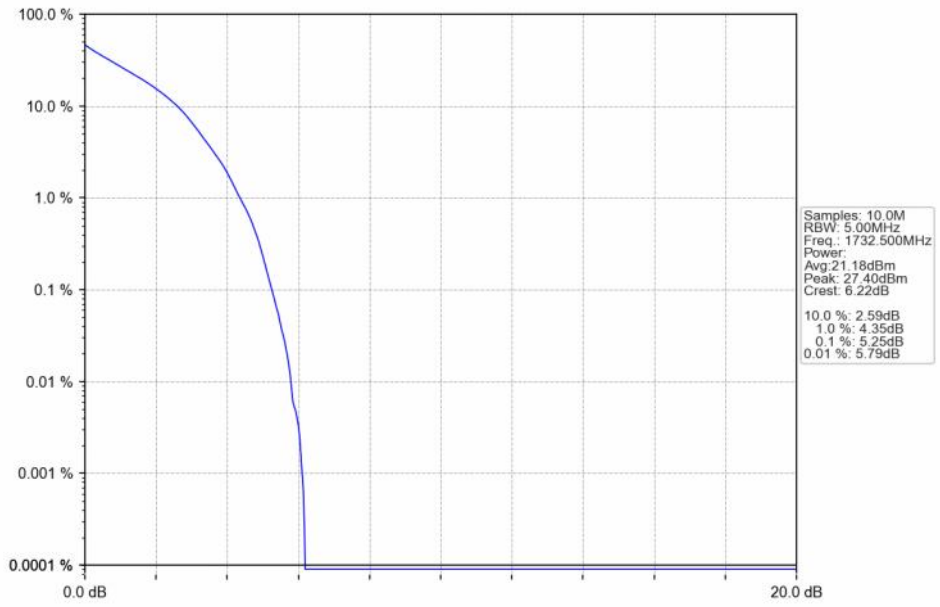
5.2 Test Graph

5.2.1 B4_1.4MHz

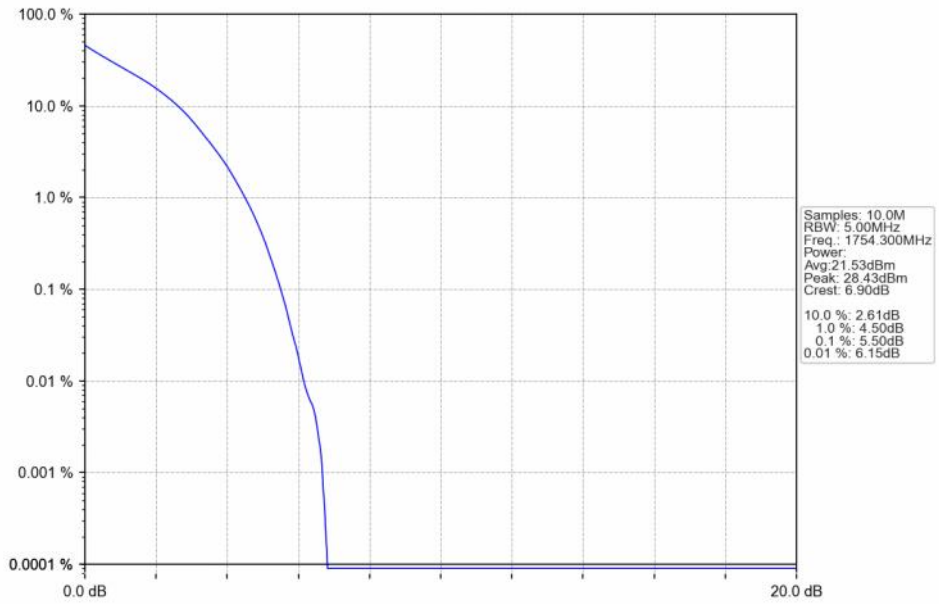
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



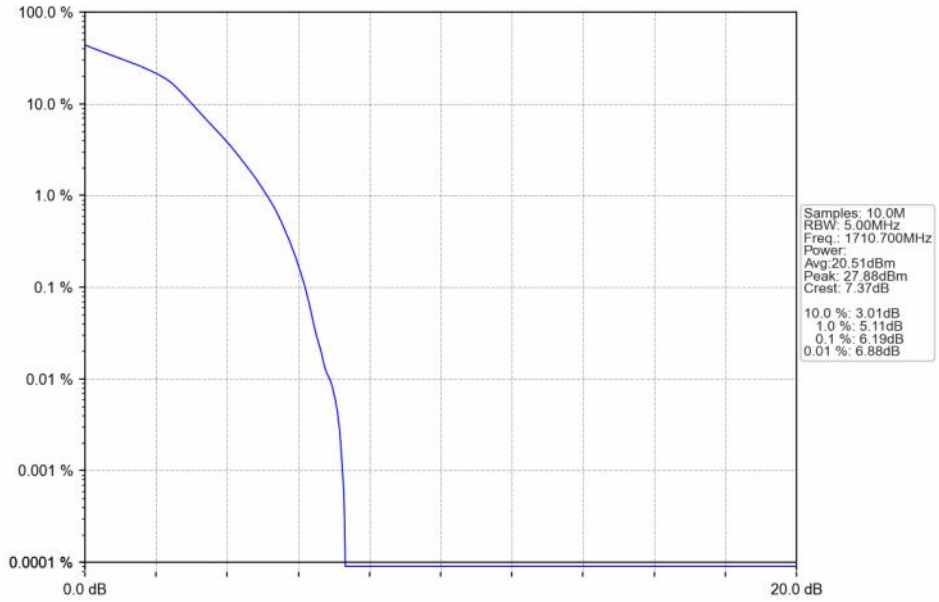
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



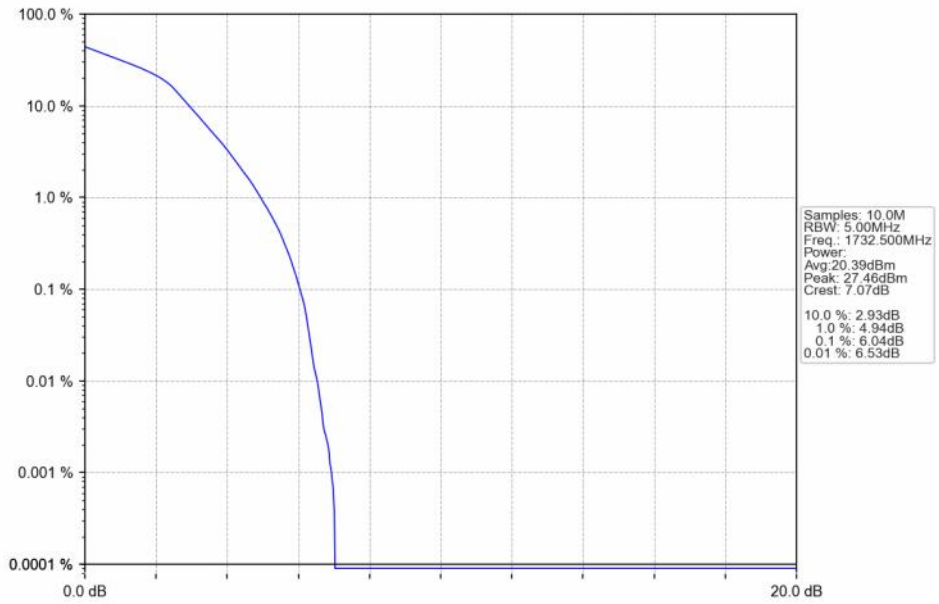
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



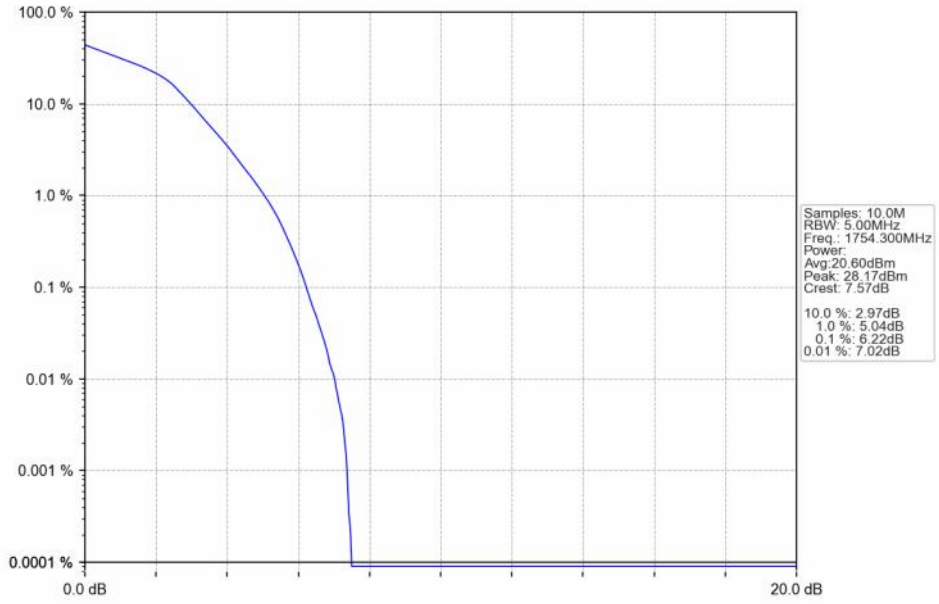
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



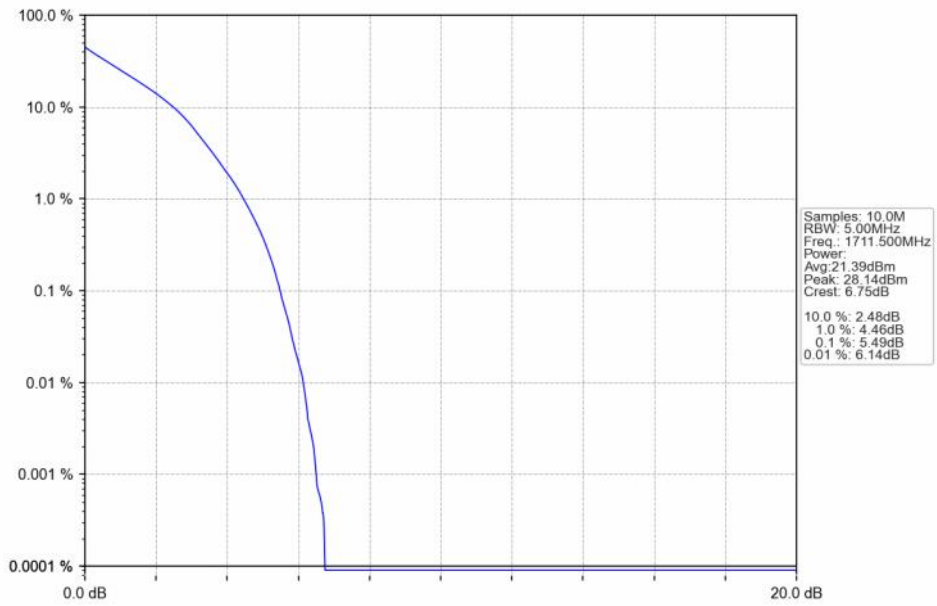
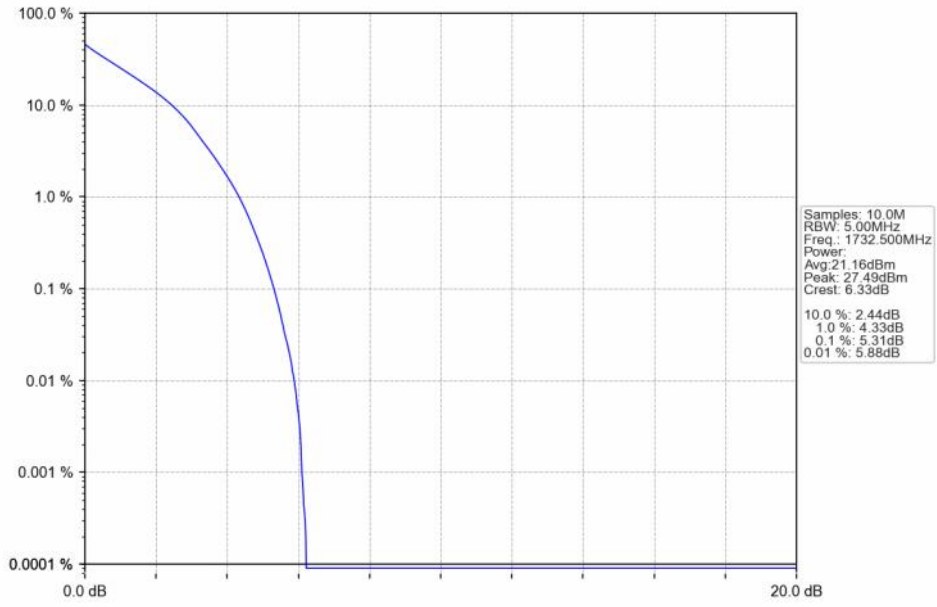
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



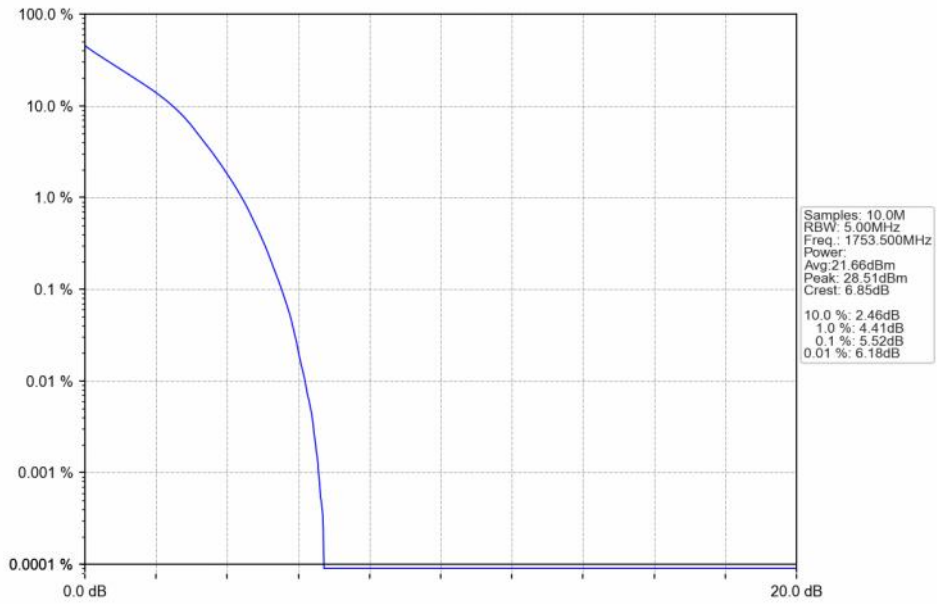
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



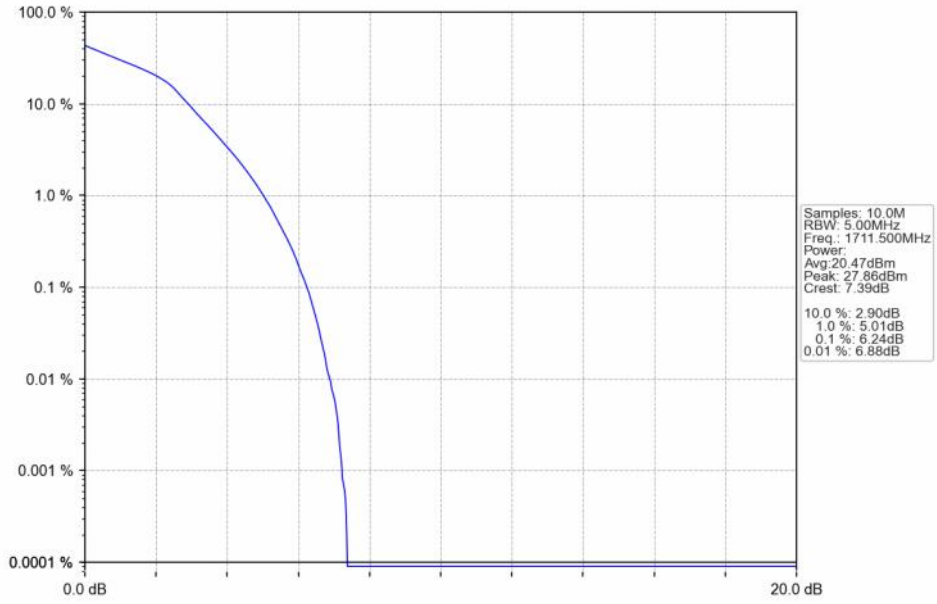
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


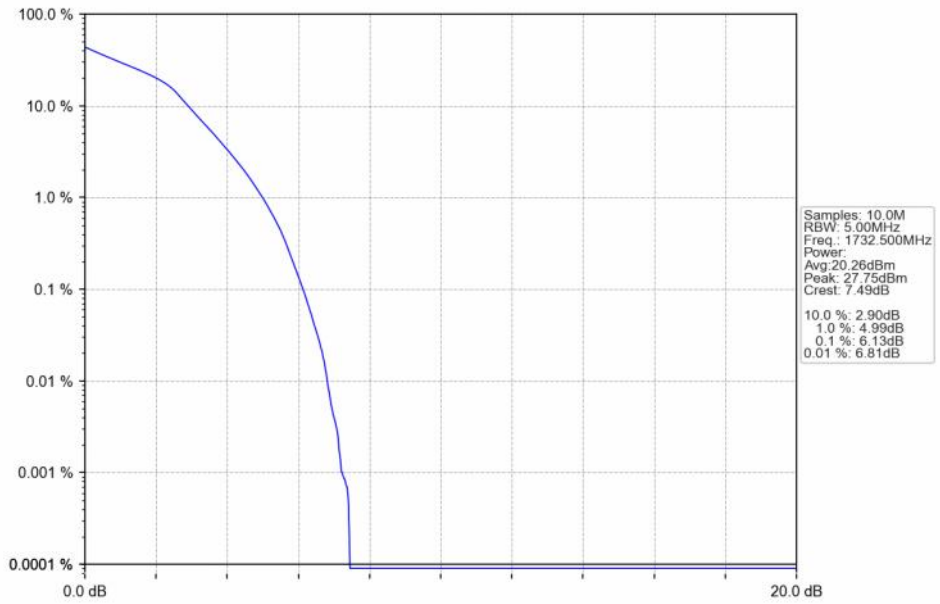
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



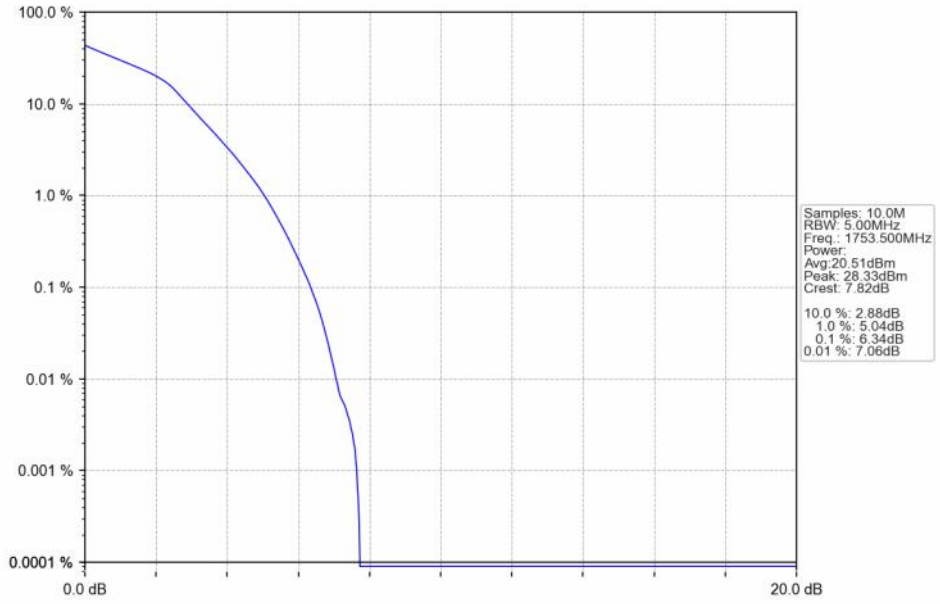
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



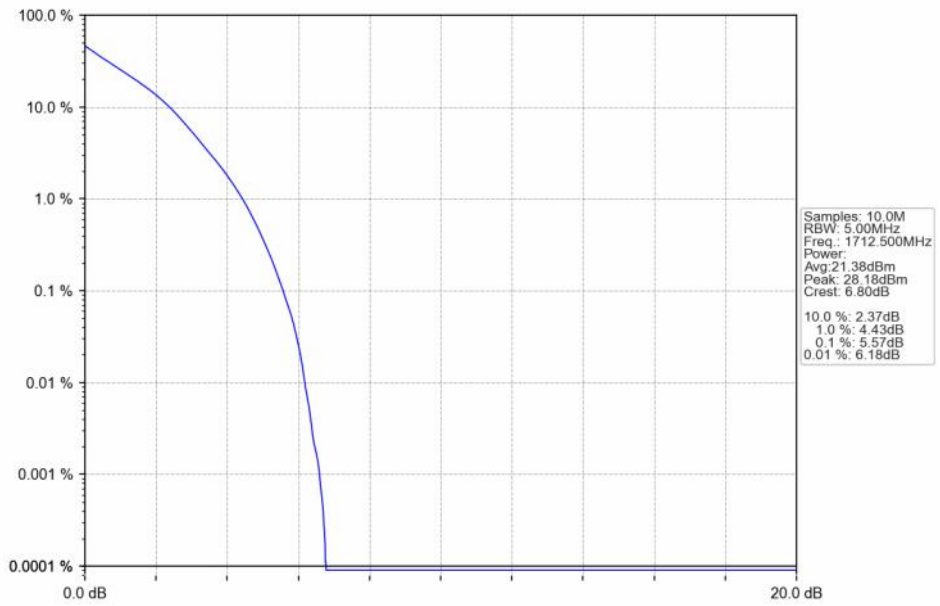
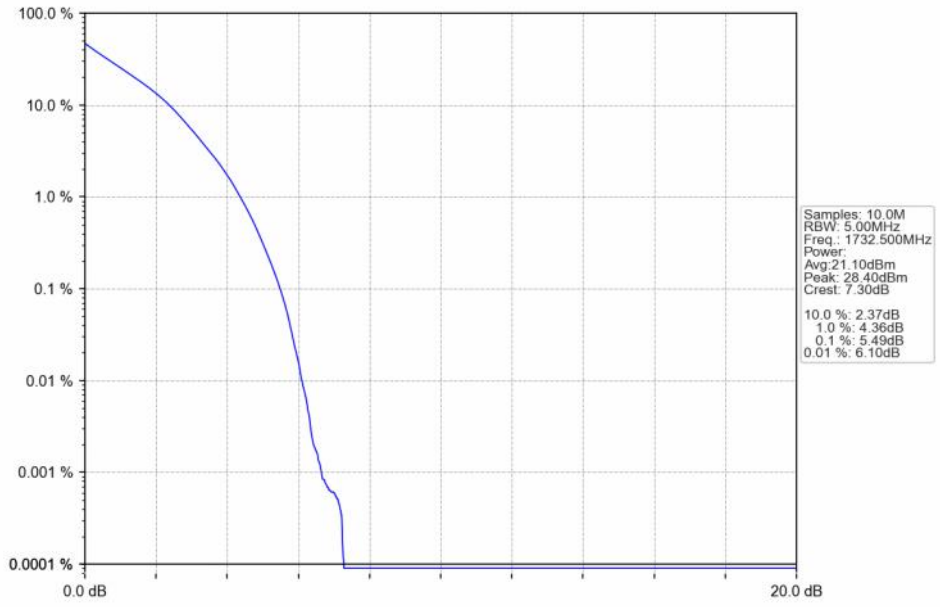
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



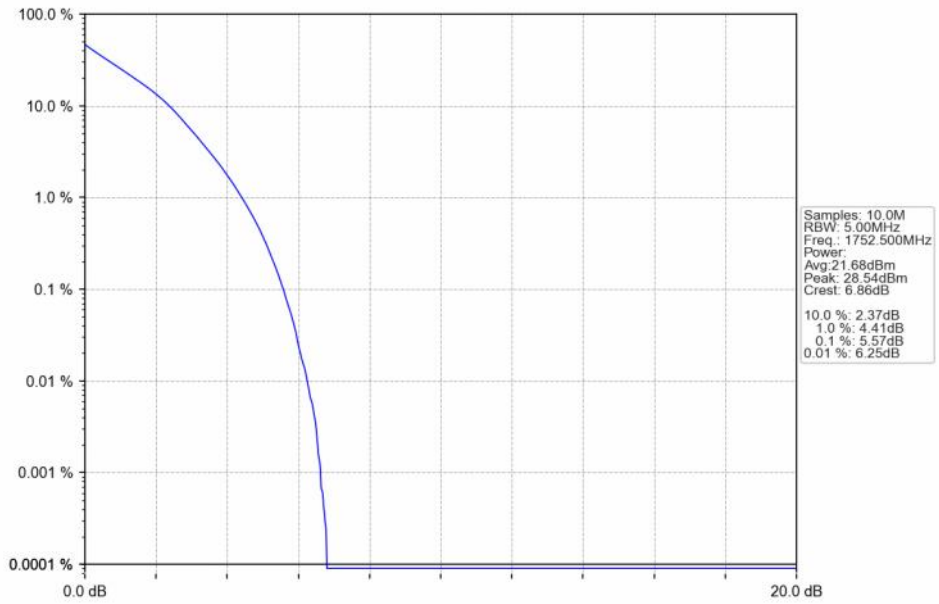
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



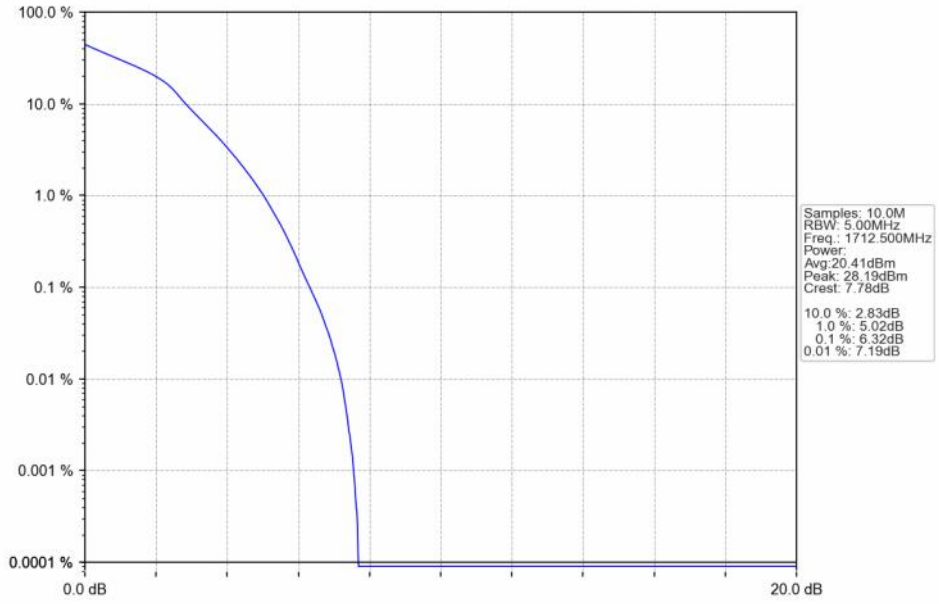
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV


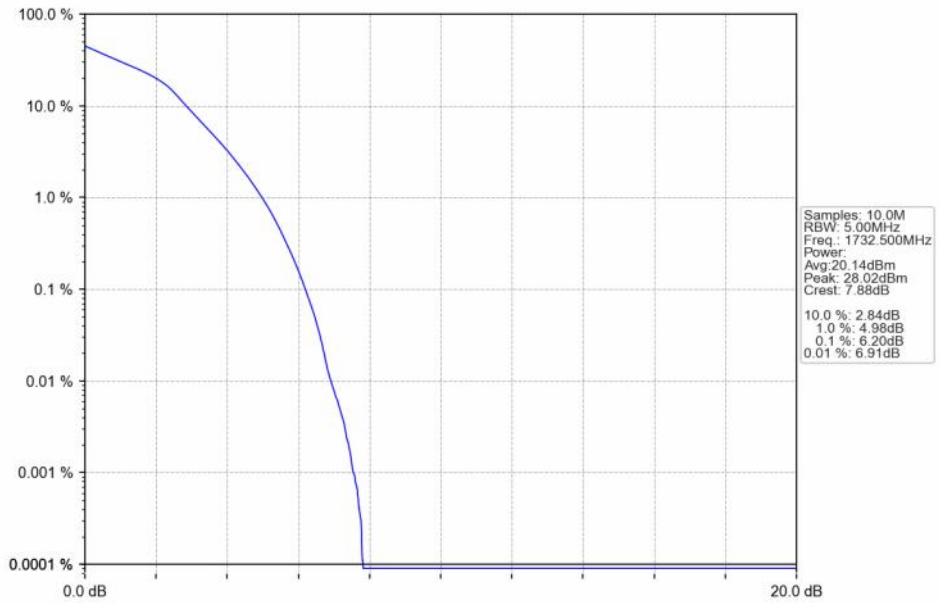
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



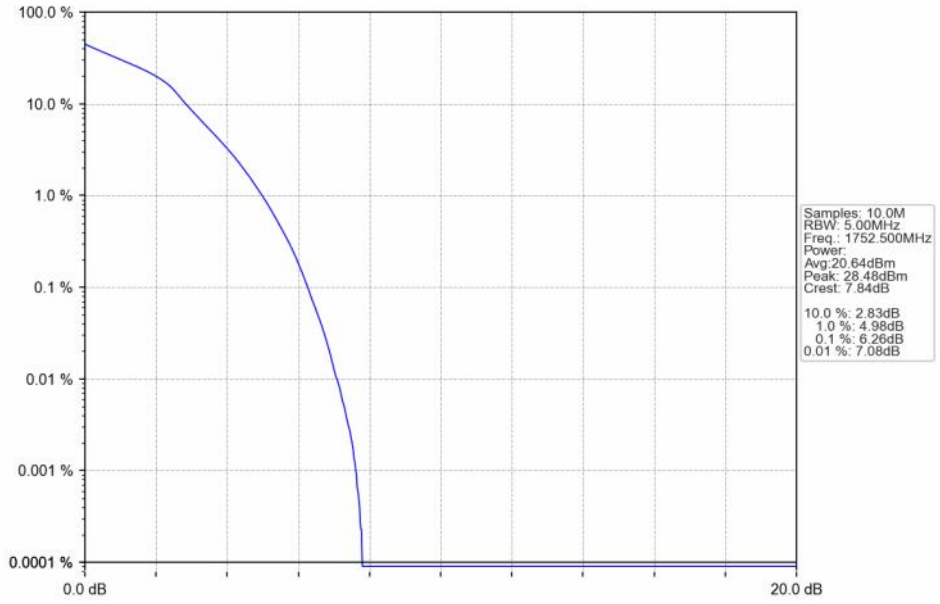
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

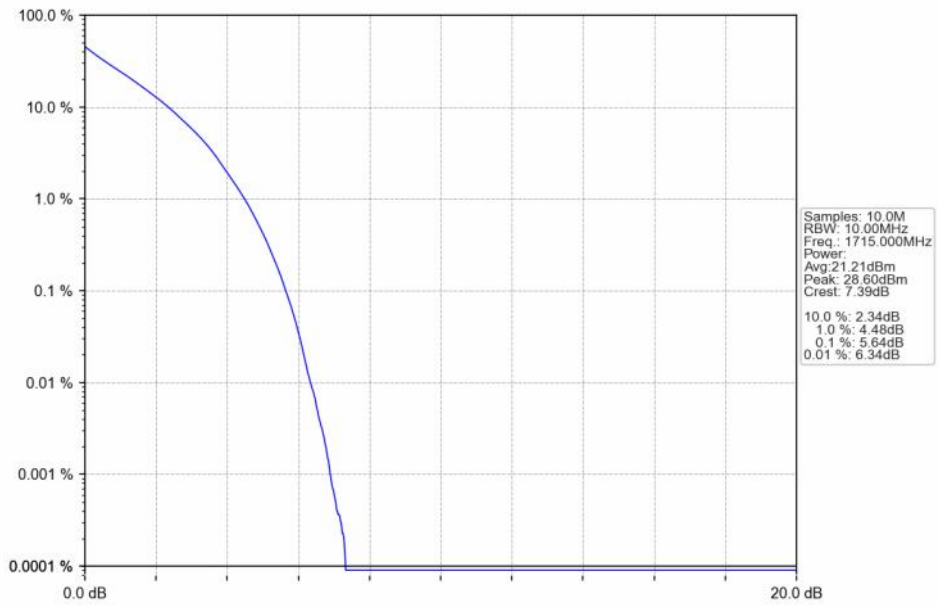


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

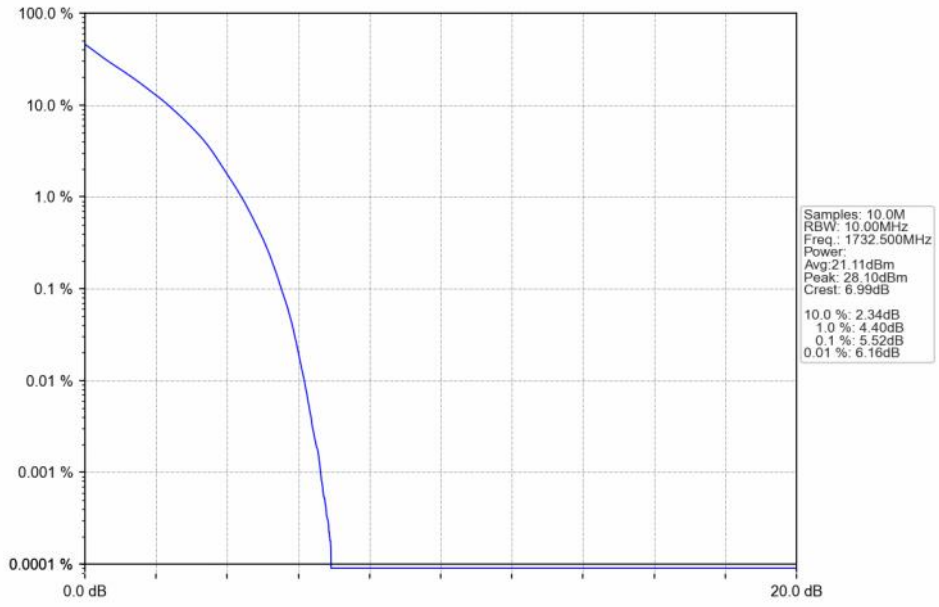


5.2.4 B4_10MHz

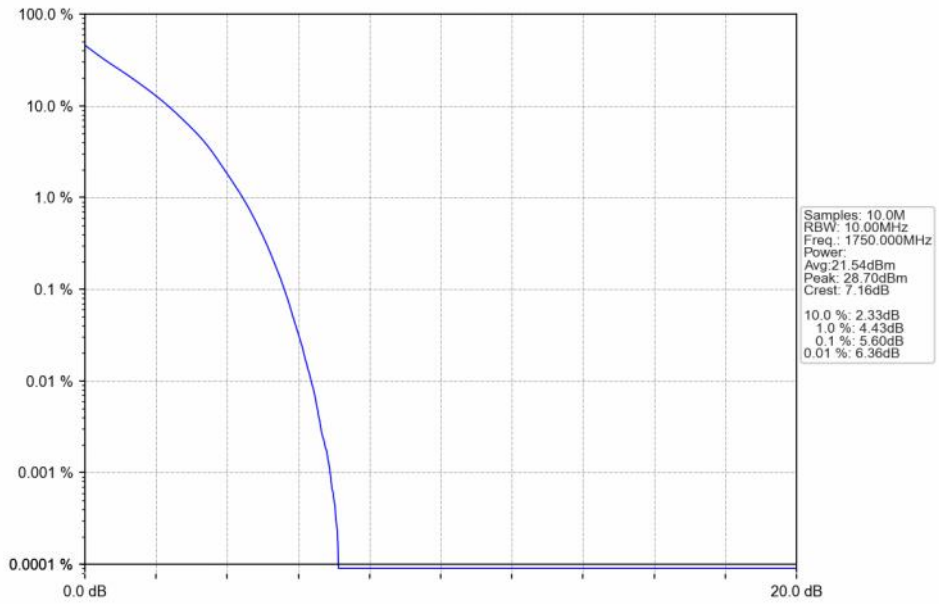
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



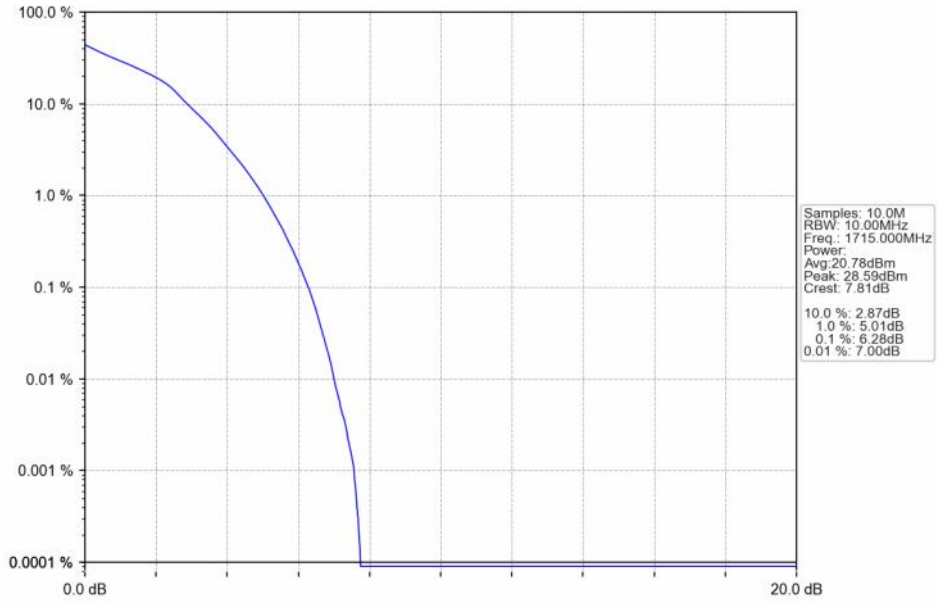
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



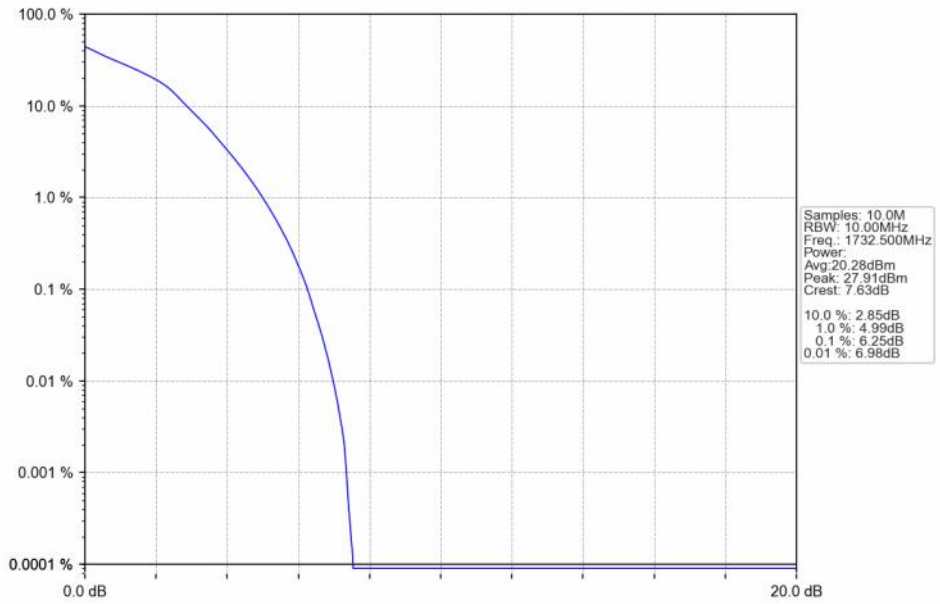
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



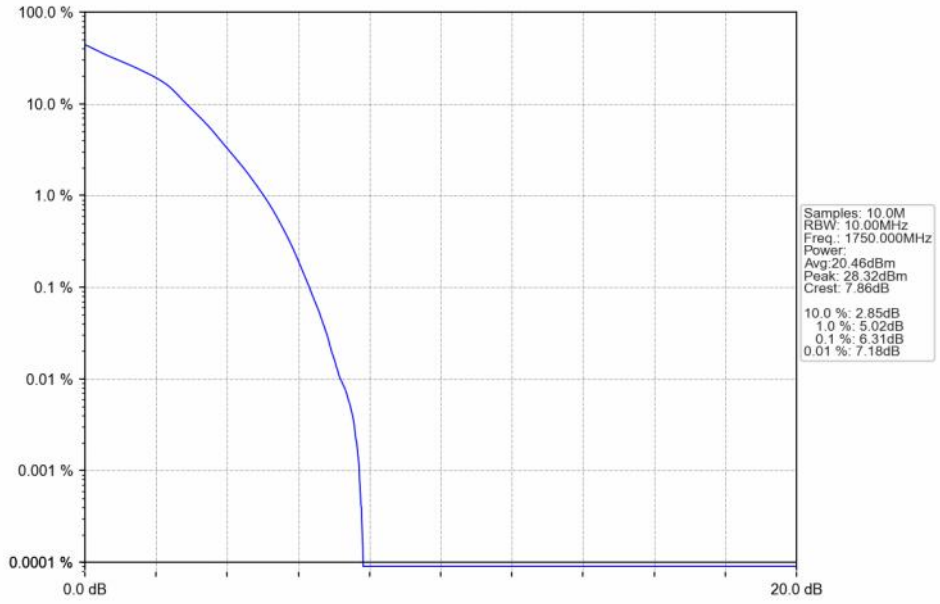
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

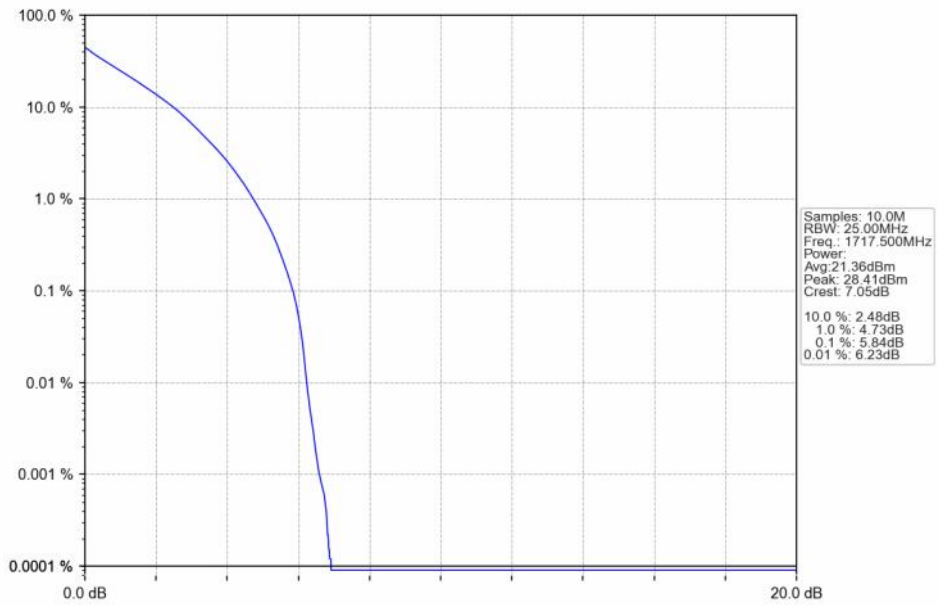


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

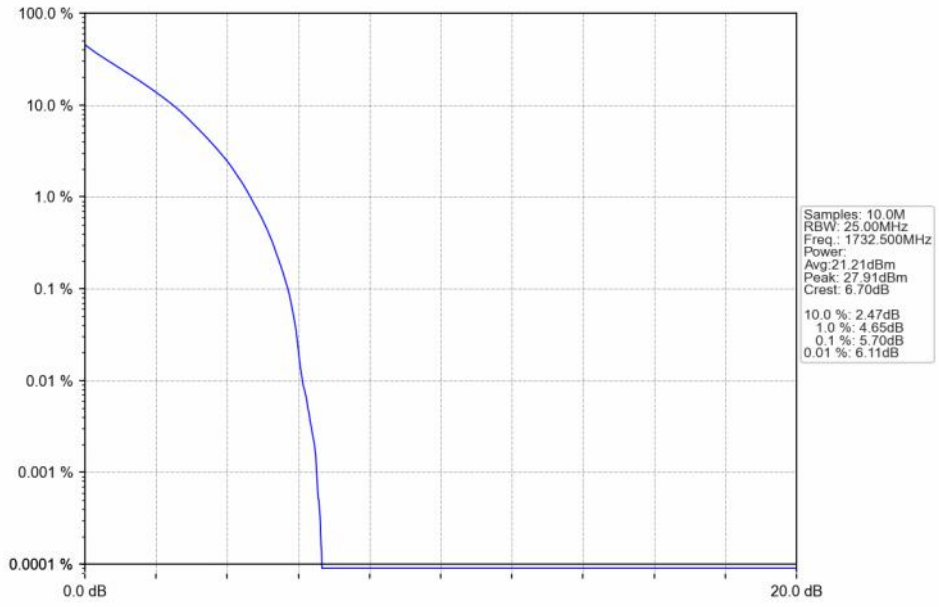


5.2.5 B4_15MHz

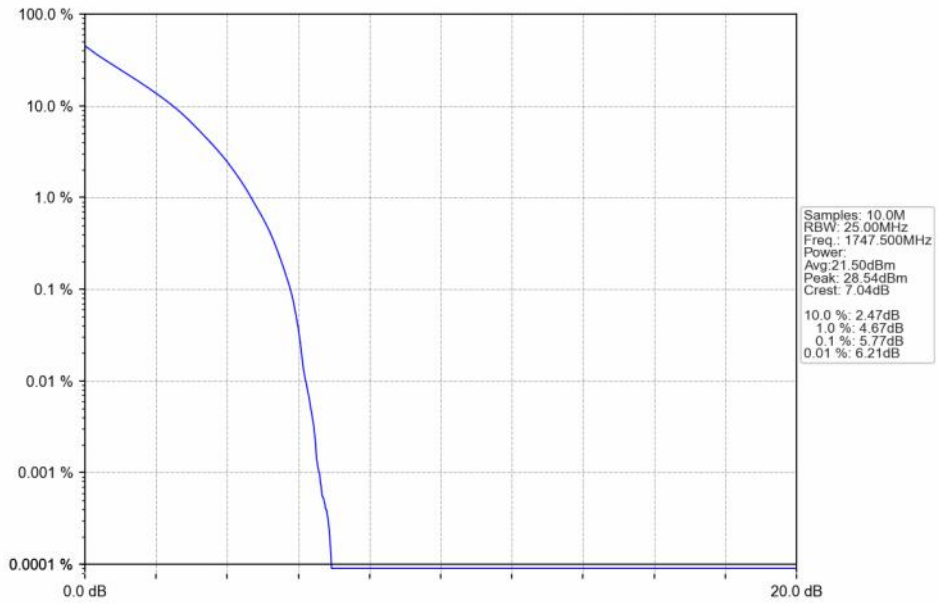
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



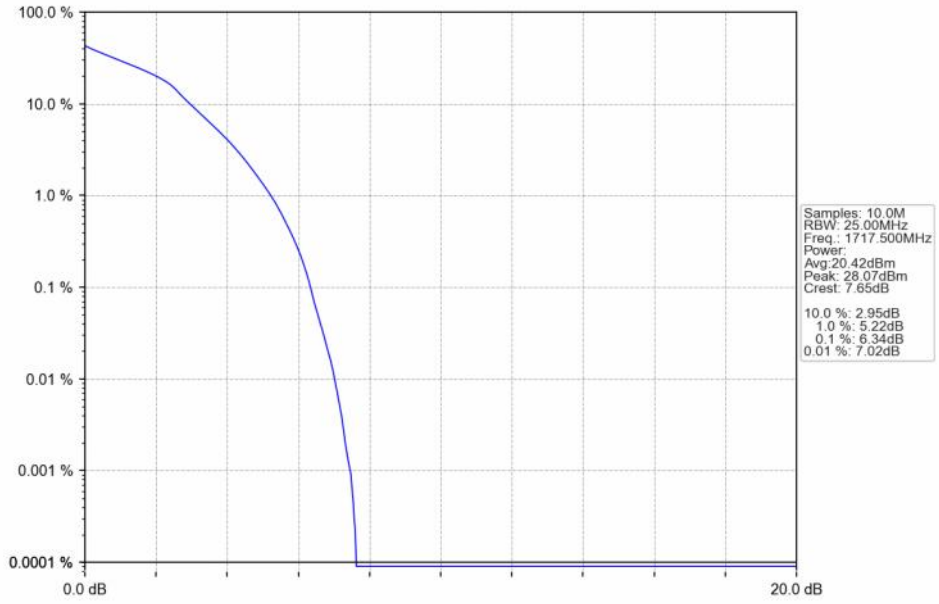
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



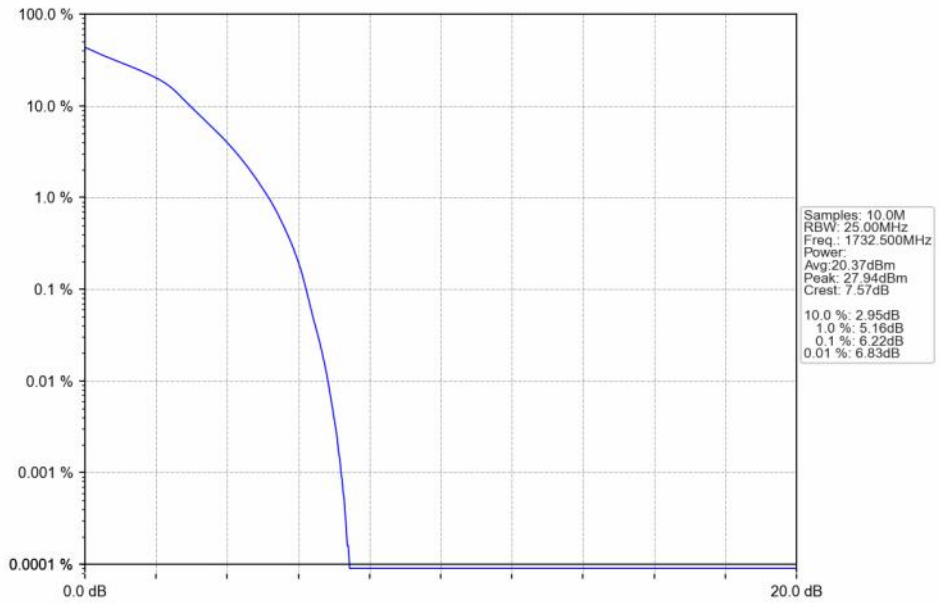
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



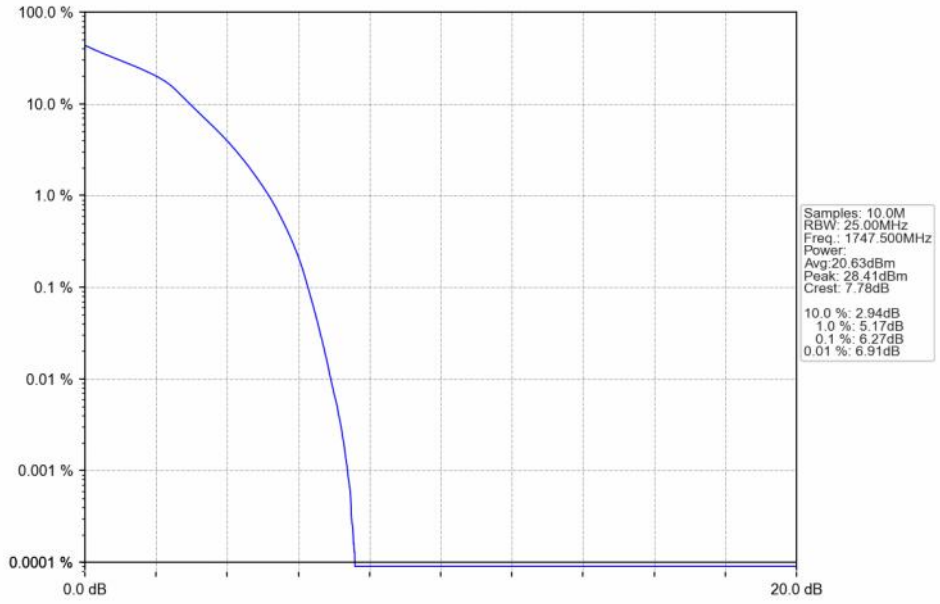
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

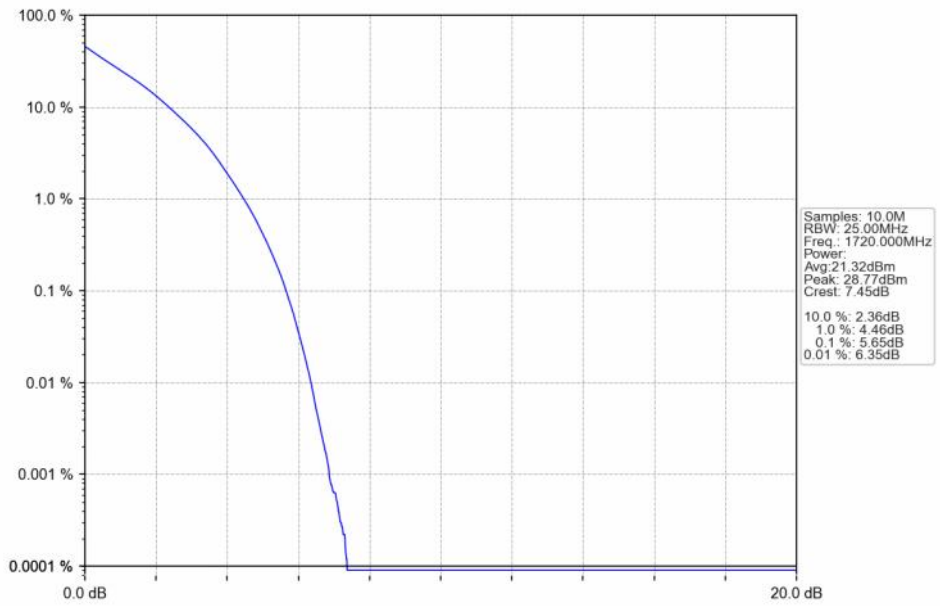


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

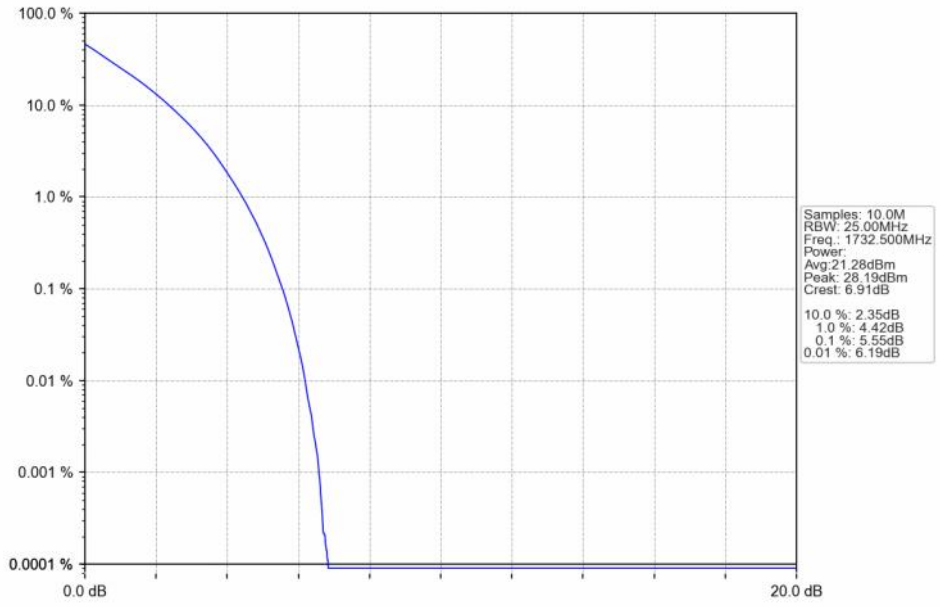


5.2.6 B4_20MHz

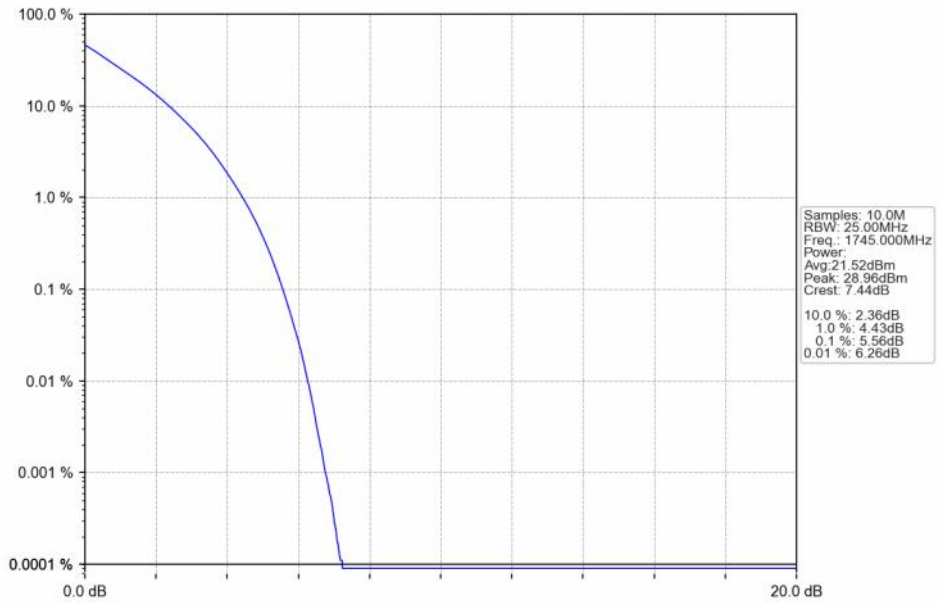
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



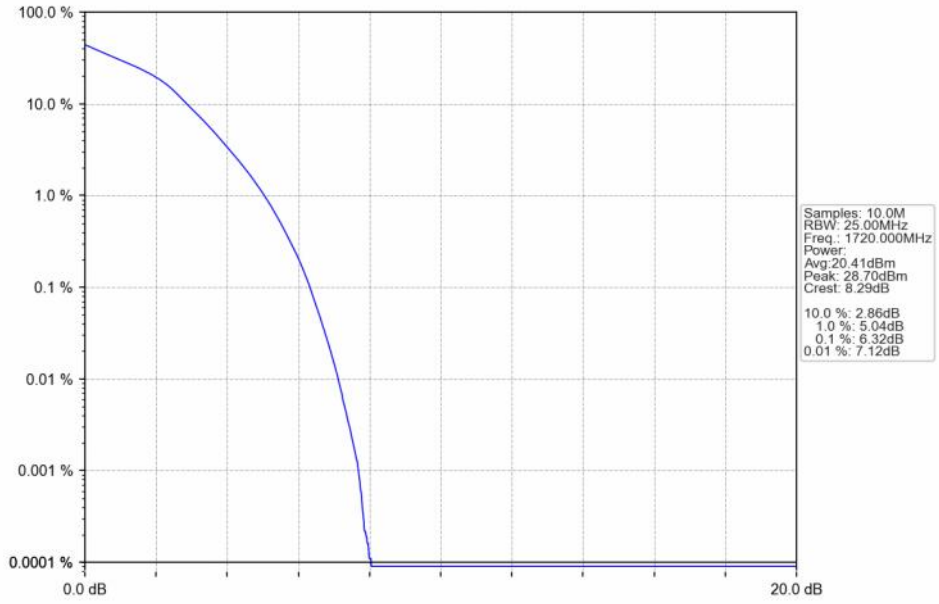
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



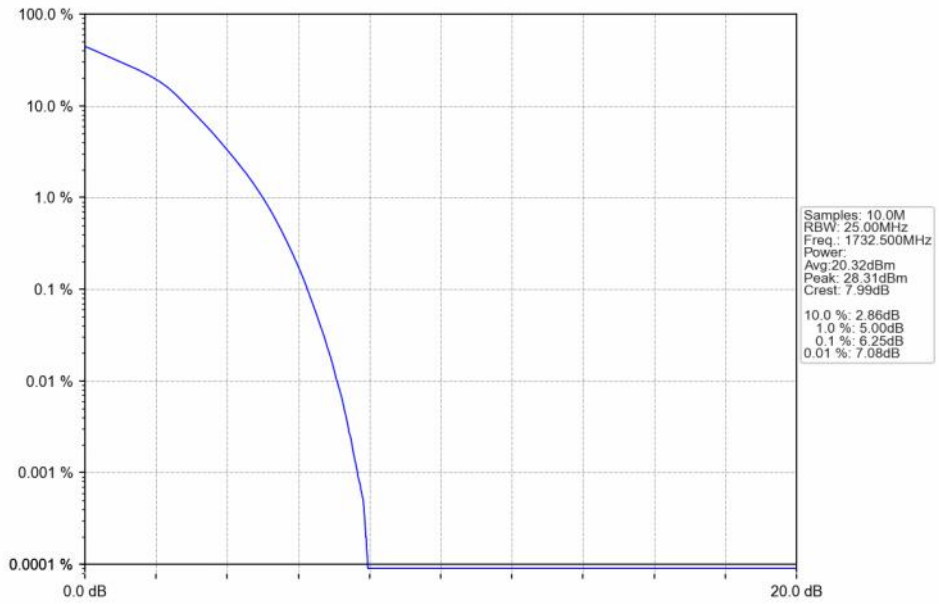
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



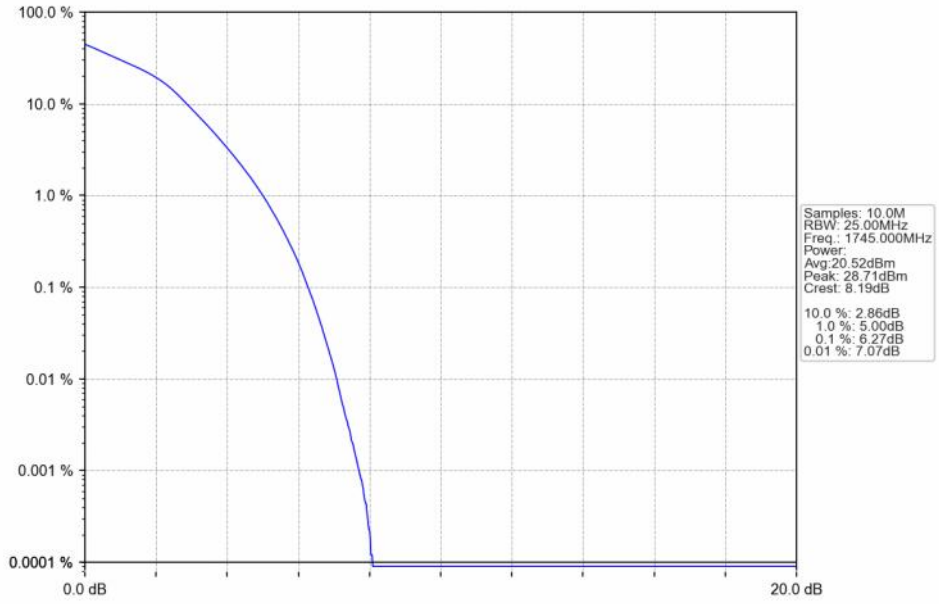
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



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
	1754.3	1	0	Refer To Test Graph		Pass
			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
	1754.3	1	0	Refer To Test Graph		Pass
			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
	1753.5	1	0	Refer To Test Graph		Pass
			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
	1753.5	1	0	Refer To Test Graph		Pass
			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
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	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

6.1.4 B4_10MHz

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

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
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
		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

6.1.6 B4_20MHz

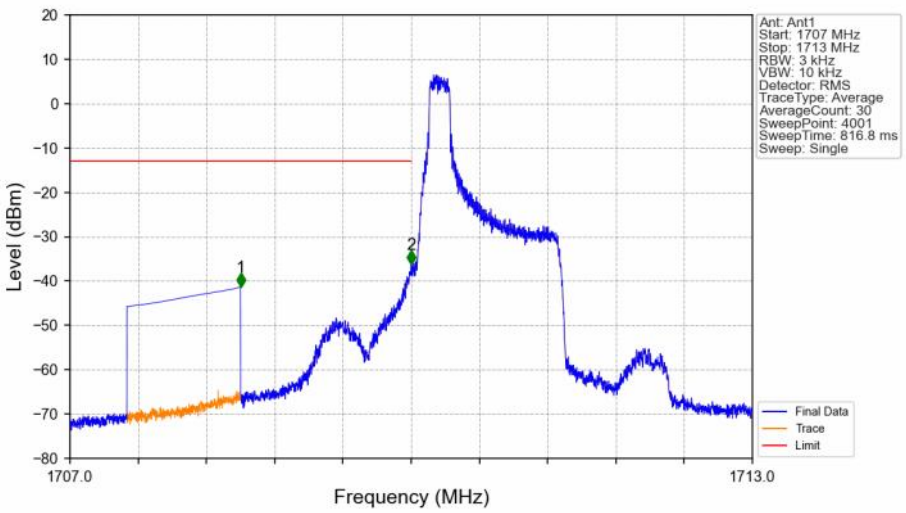
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

		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

6.2 Test Graph

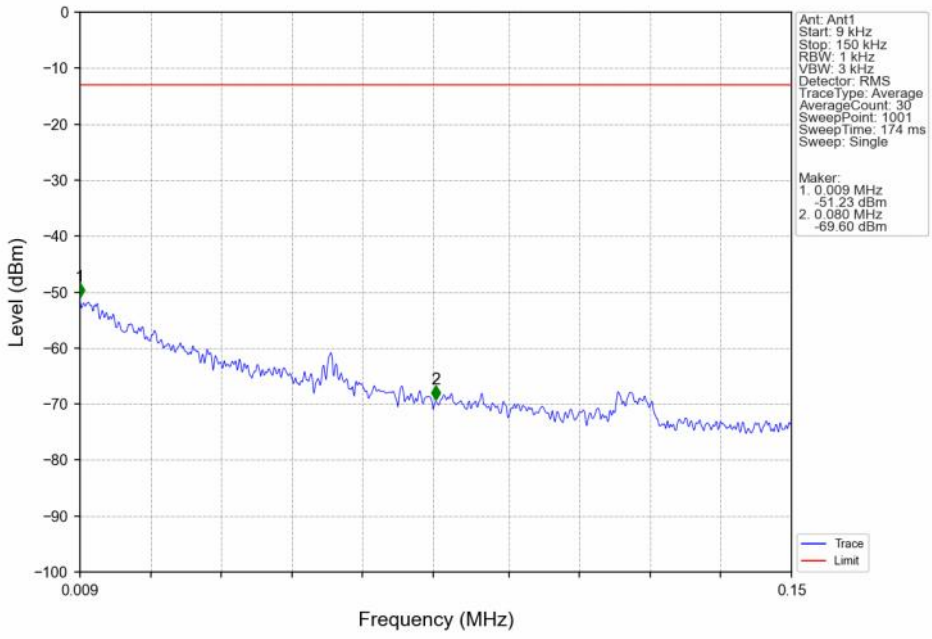
6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

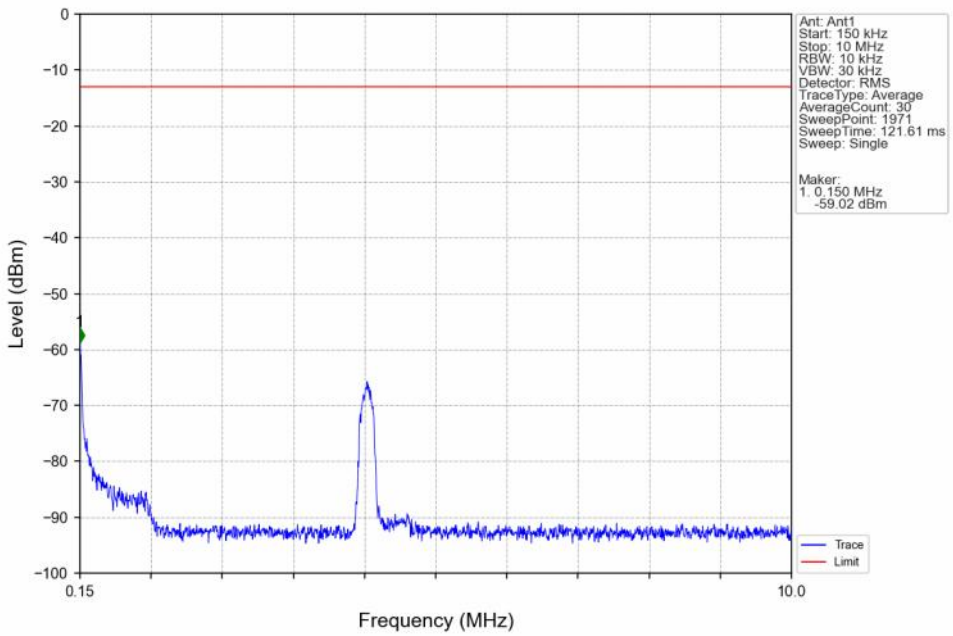


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-41.38	-13	Pass
1709	1710	0.003	/	2	1709.998	-36.23	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

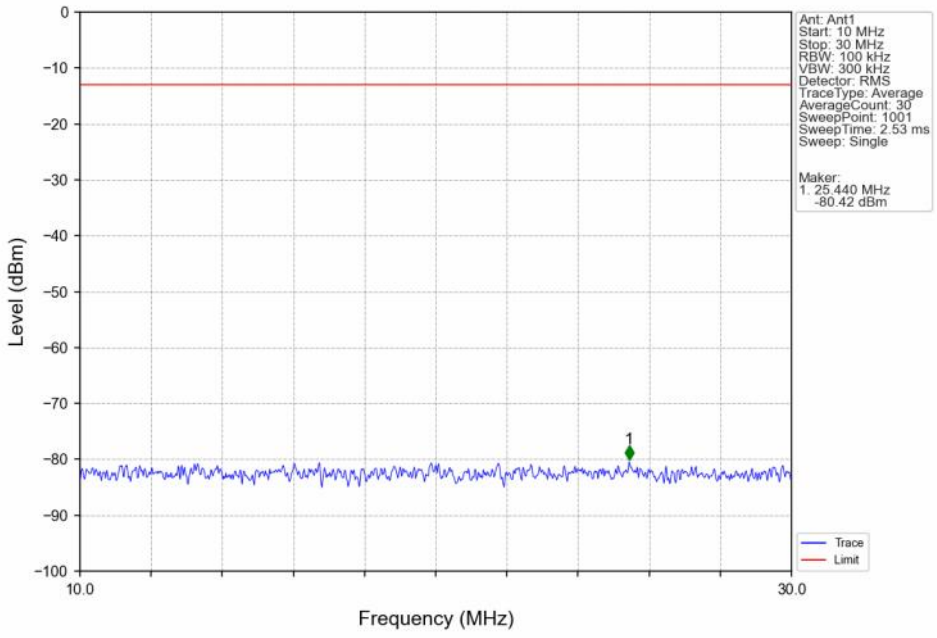
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



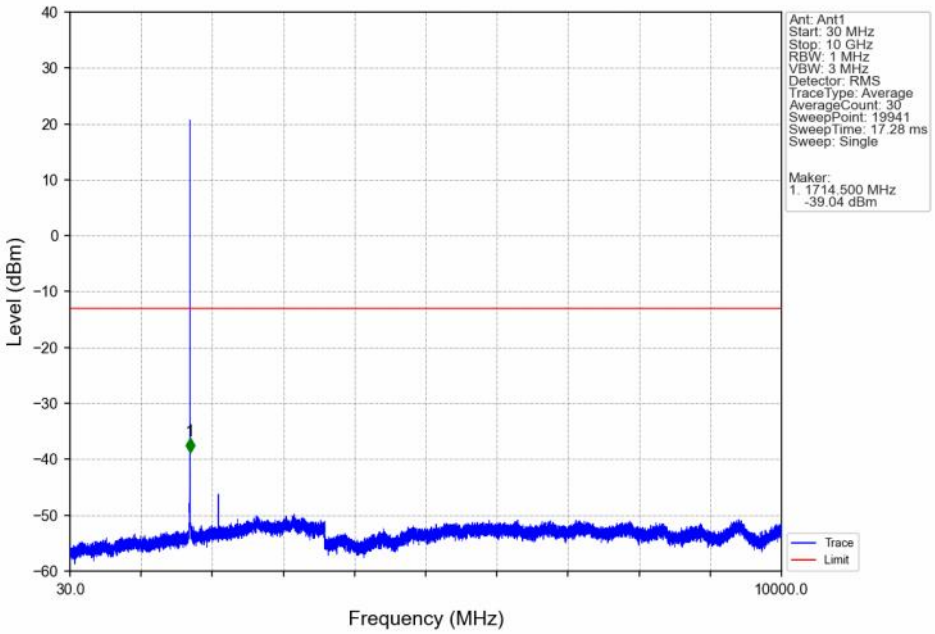
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



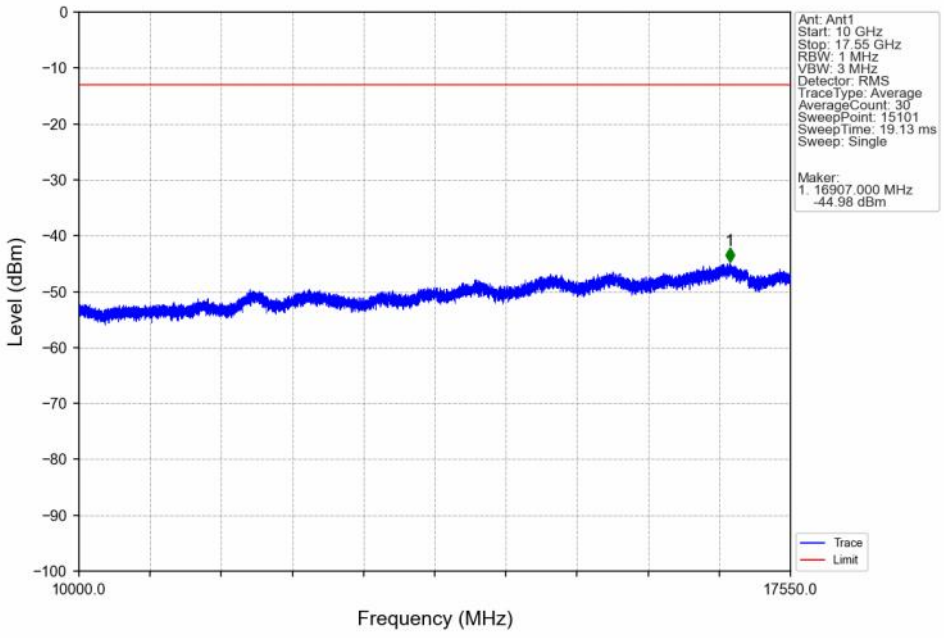
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



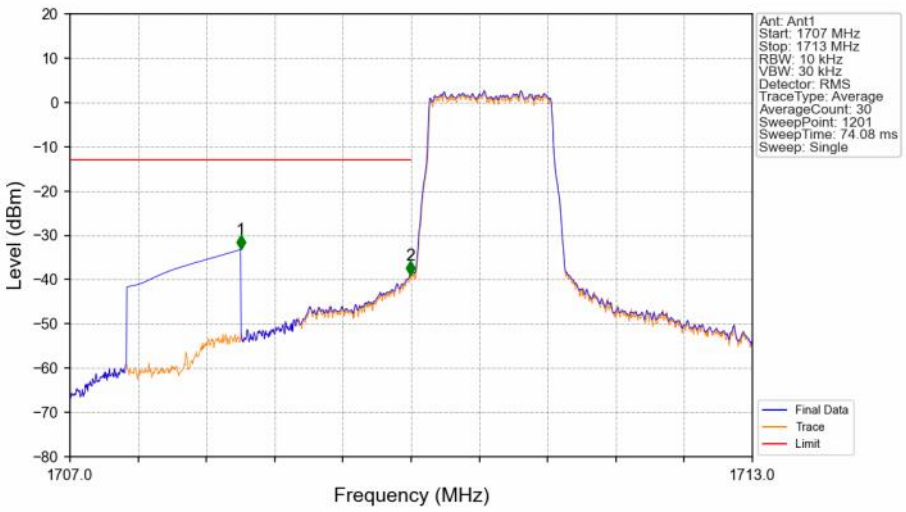
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

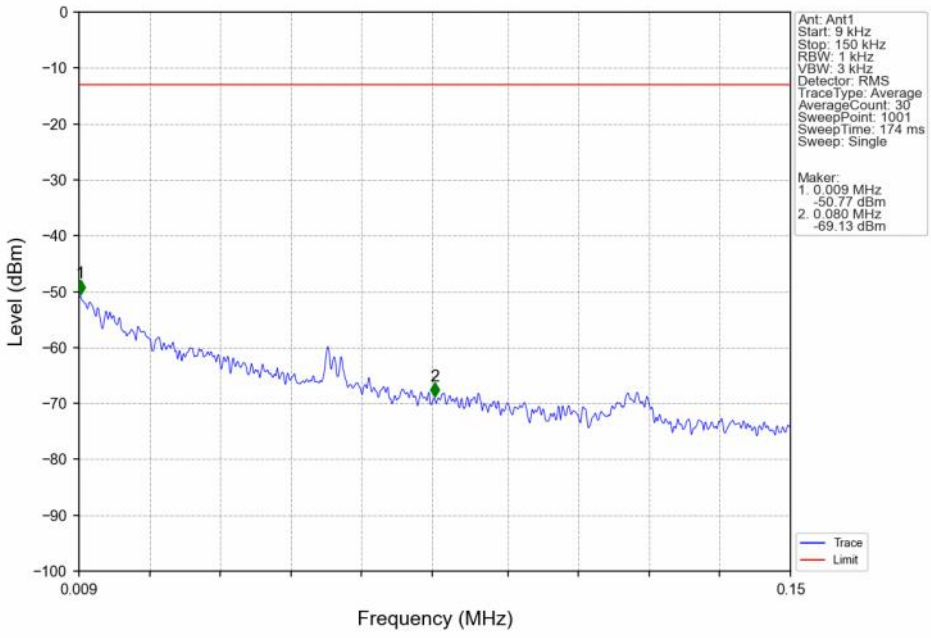


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

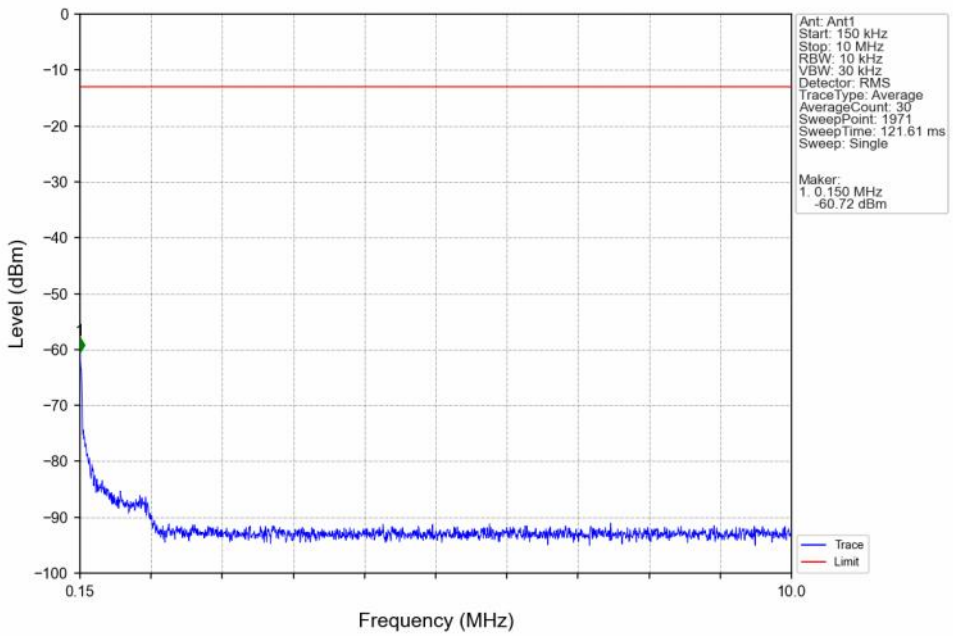


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.21	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-38.88	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

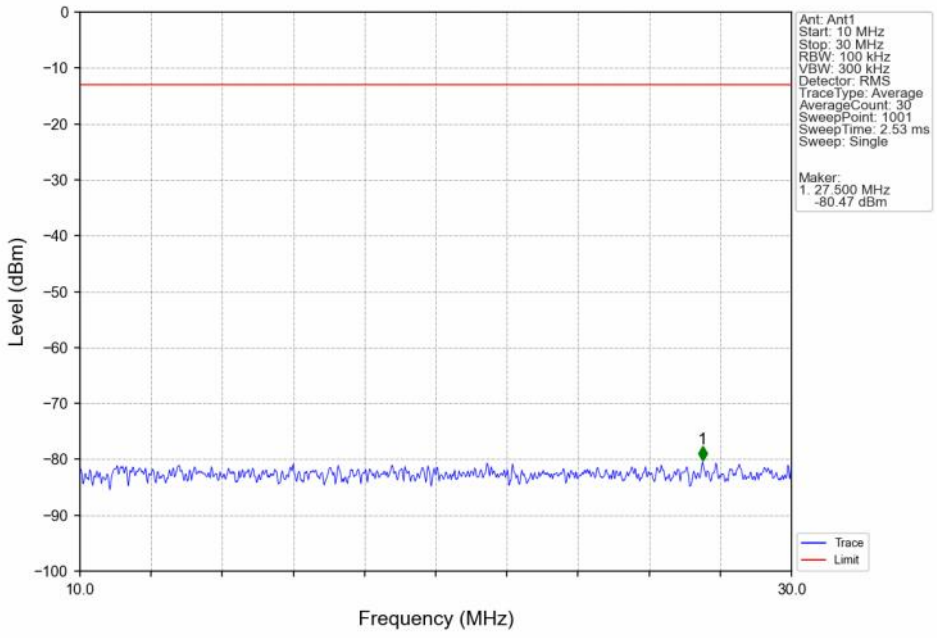
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



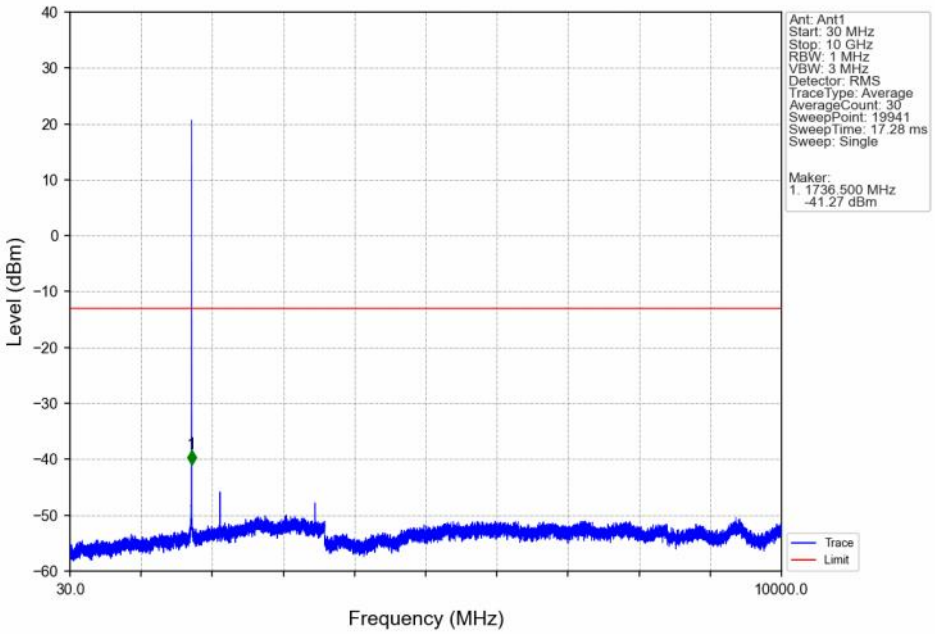
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



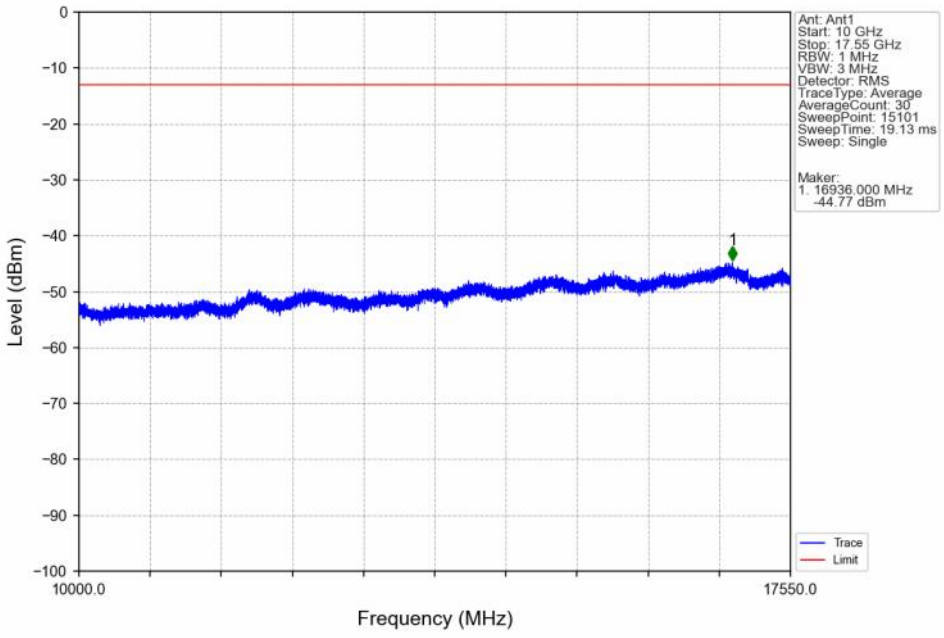
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



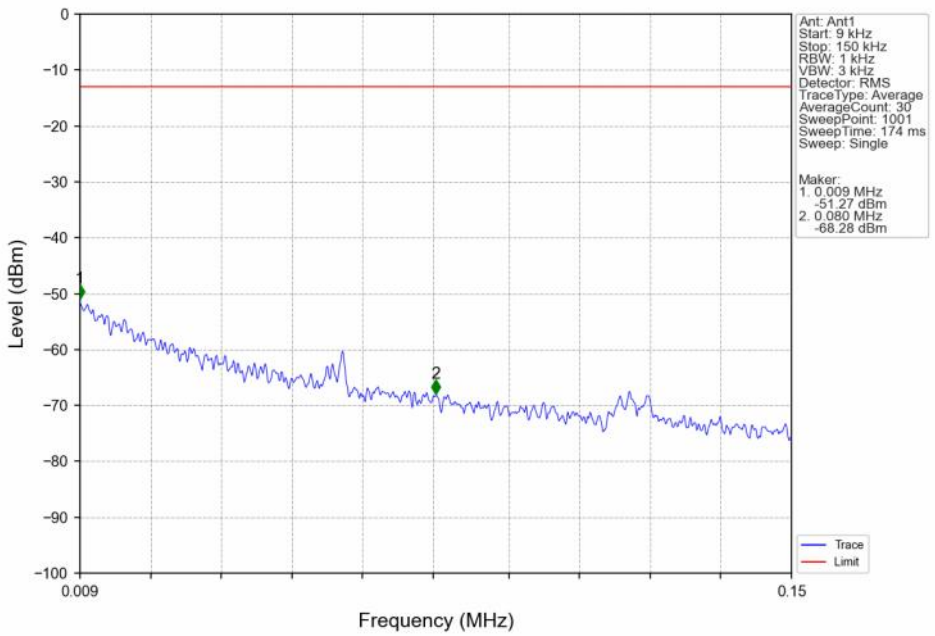
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



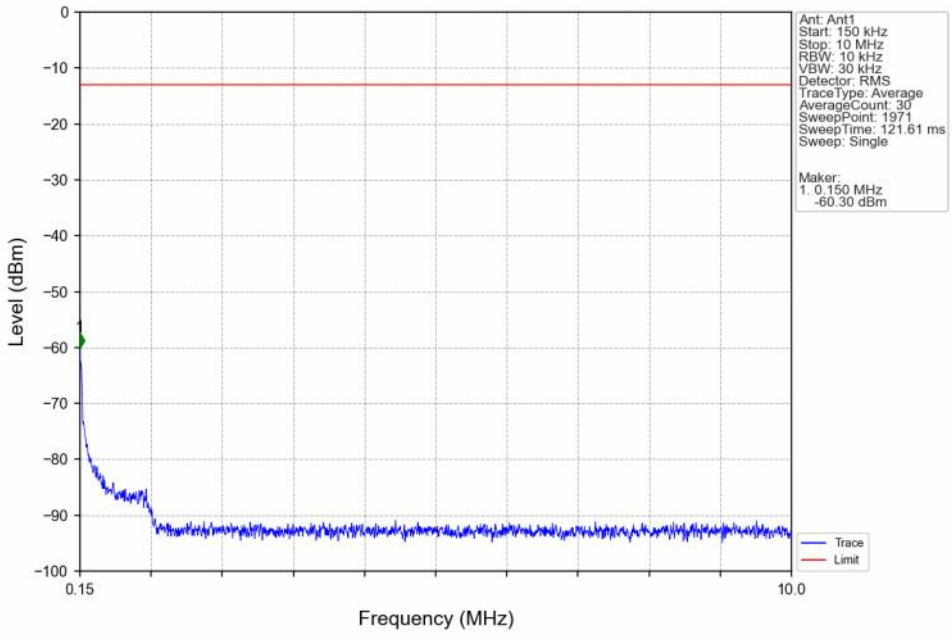
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



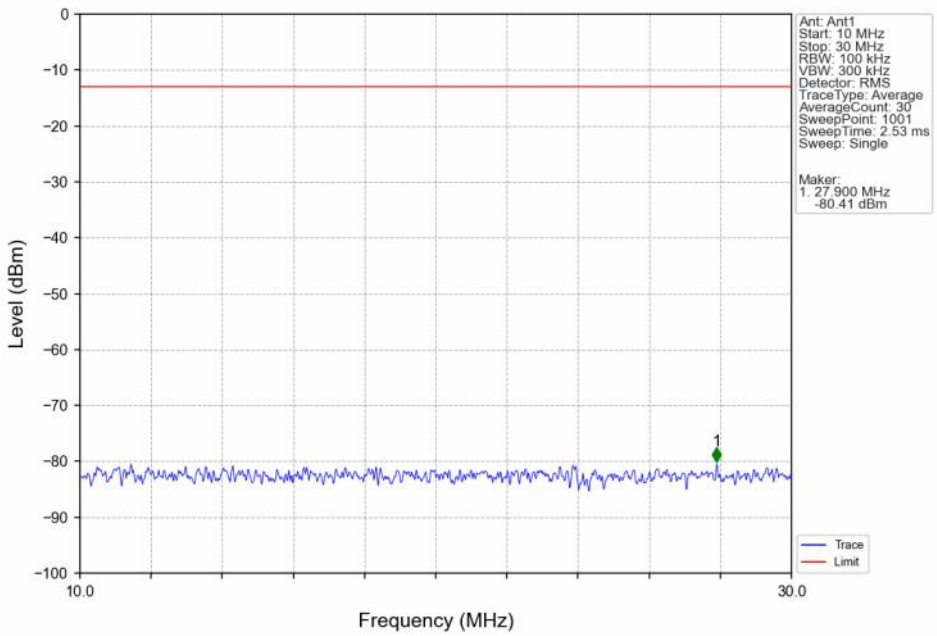
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



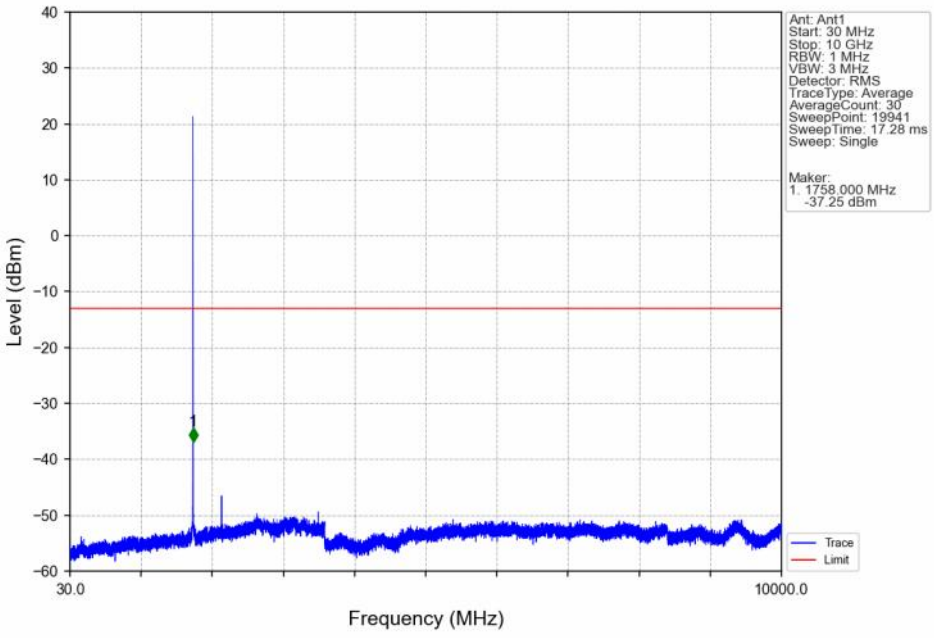
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



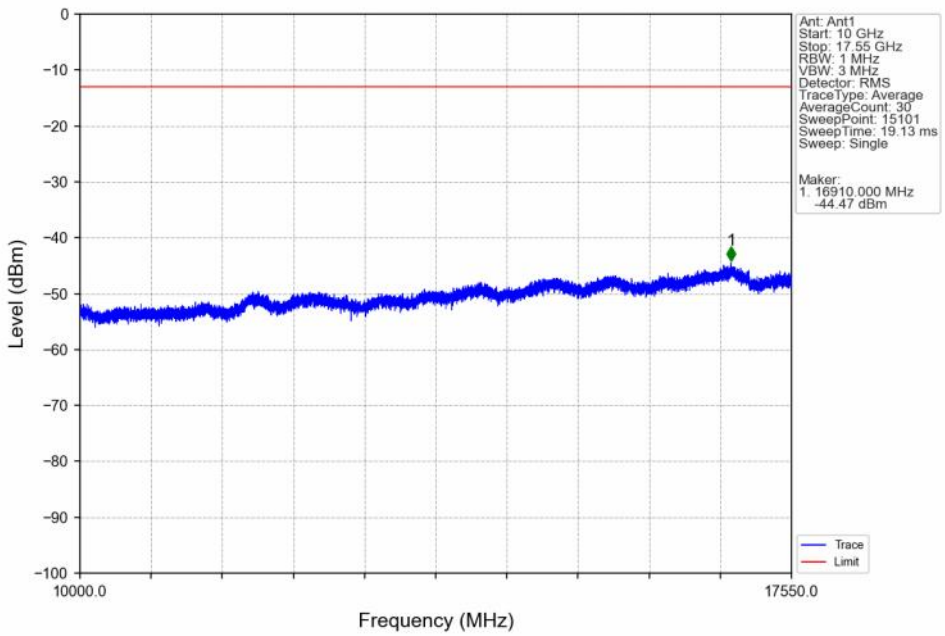
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



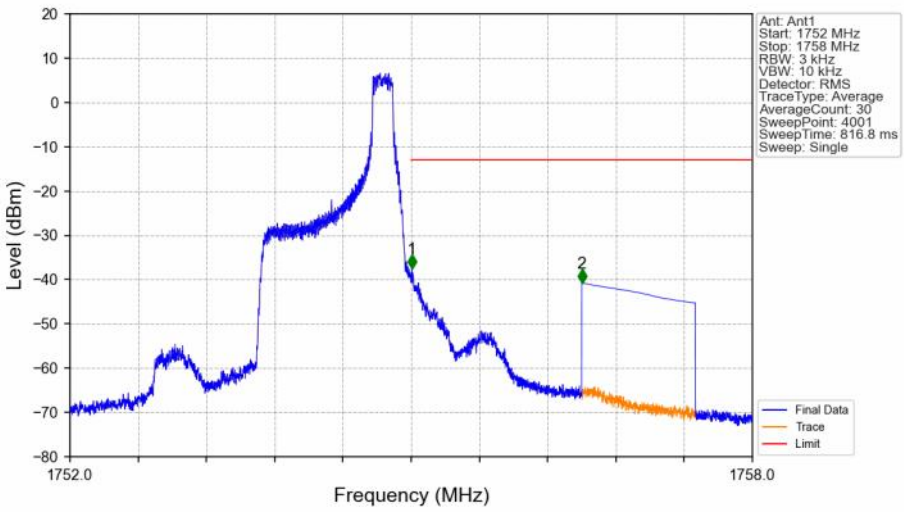
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

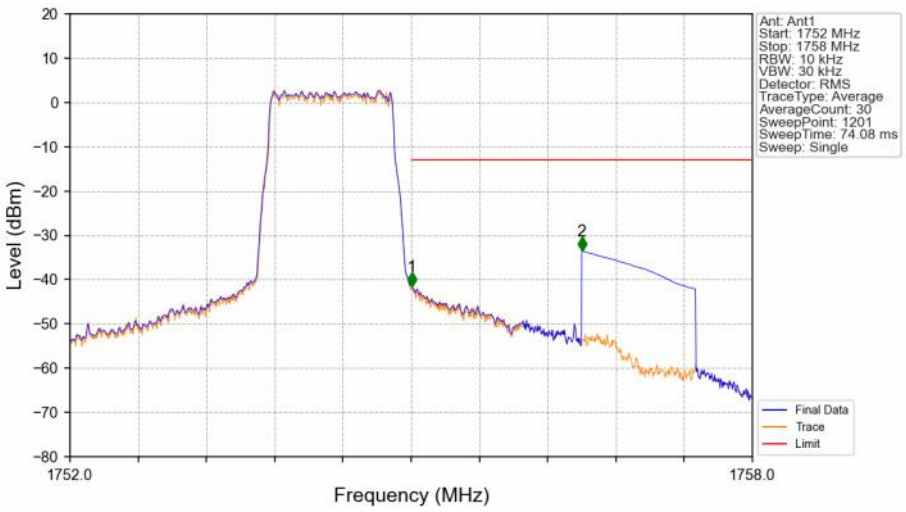


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



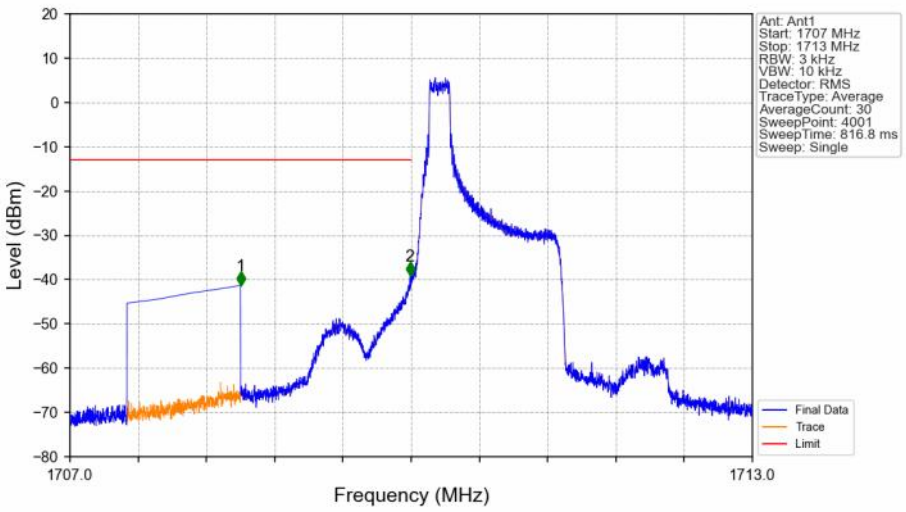
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-37.51	-13	Pass
1756	1758	1	CHP	2	1756.500	-40.76	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



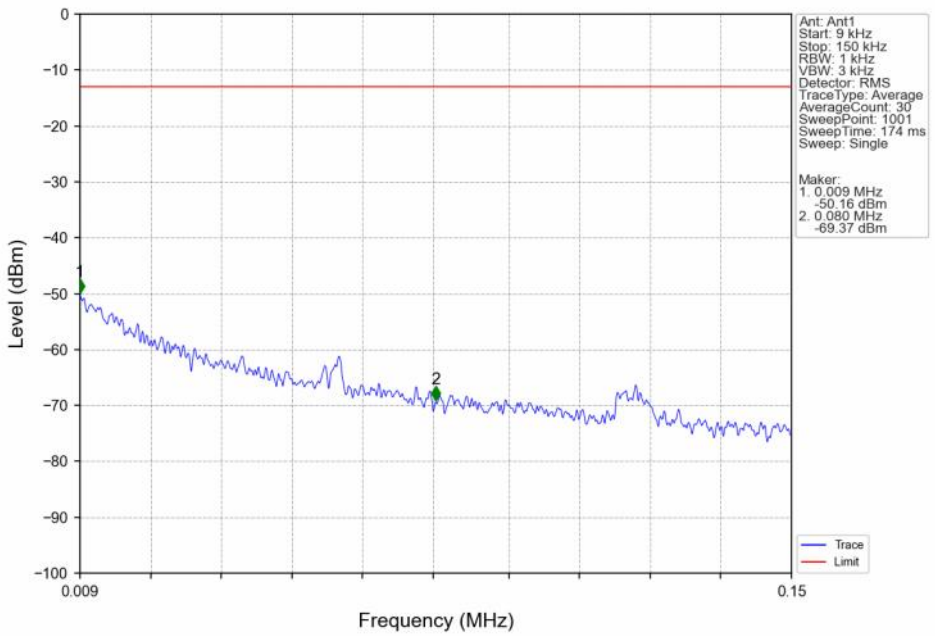
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-41.43	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.52	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

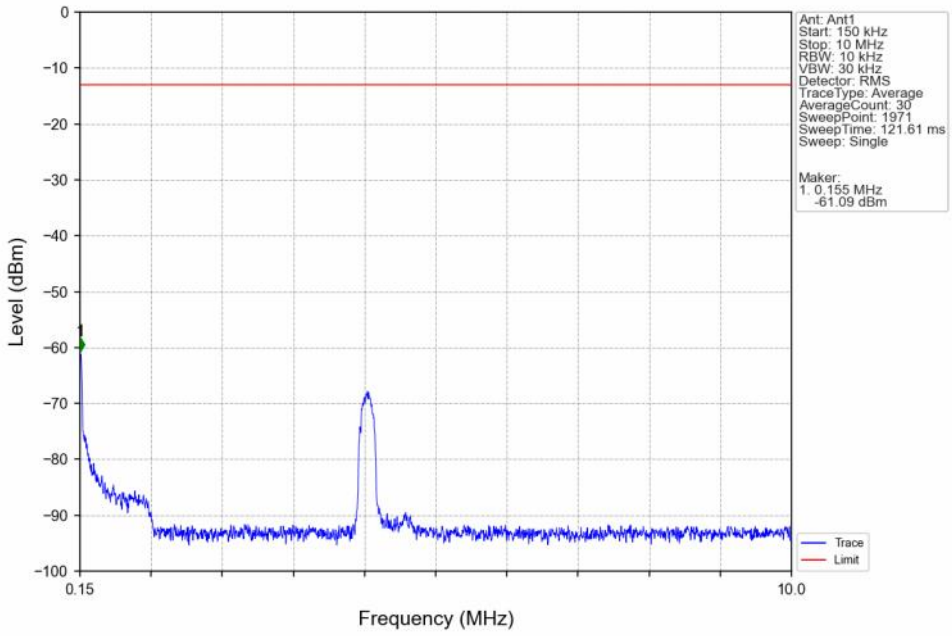


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-41.28	-13	Pass
1709	1710	0.003	/	2	1709.989	-39.07	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

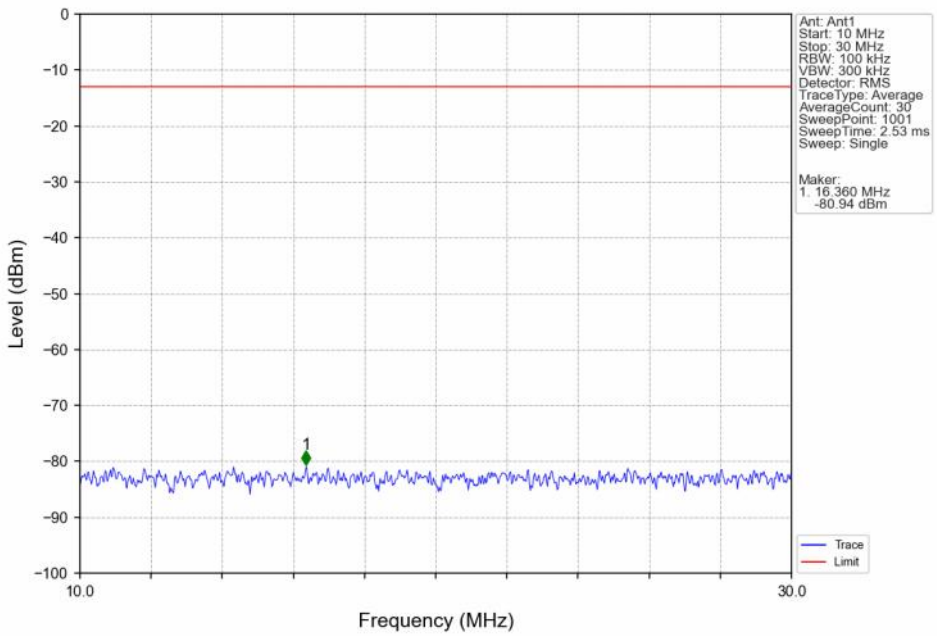
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



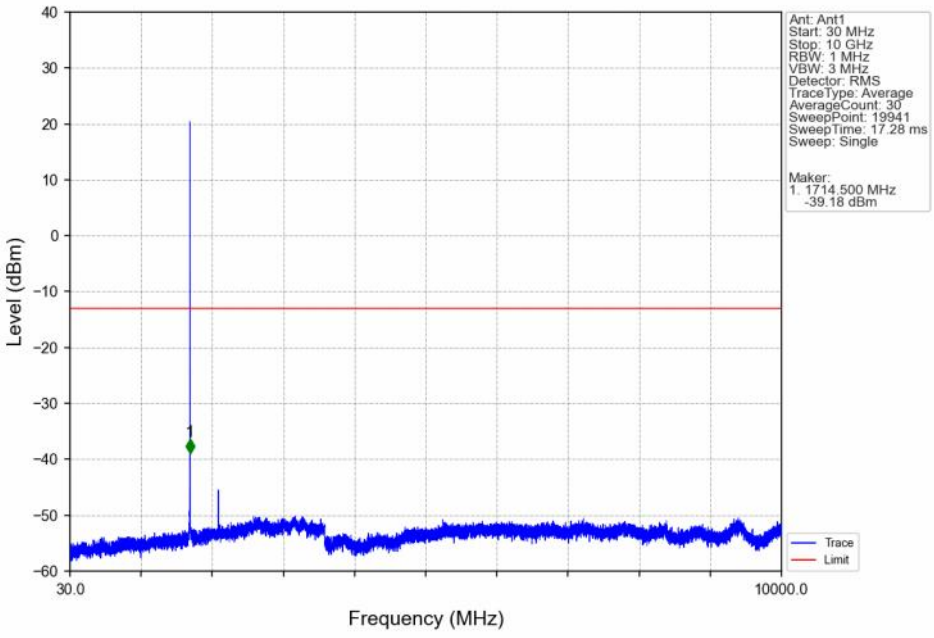
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



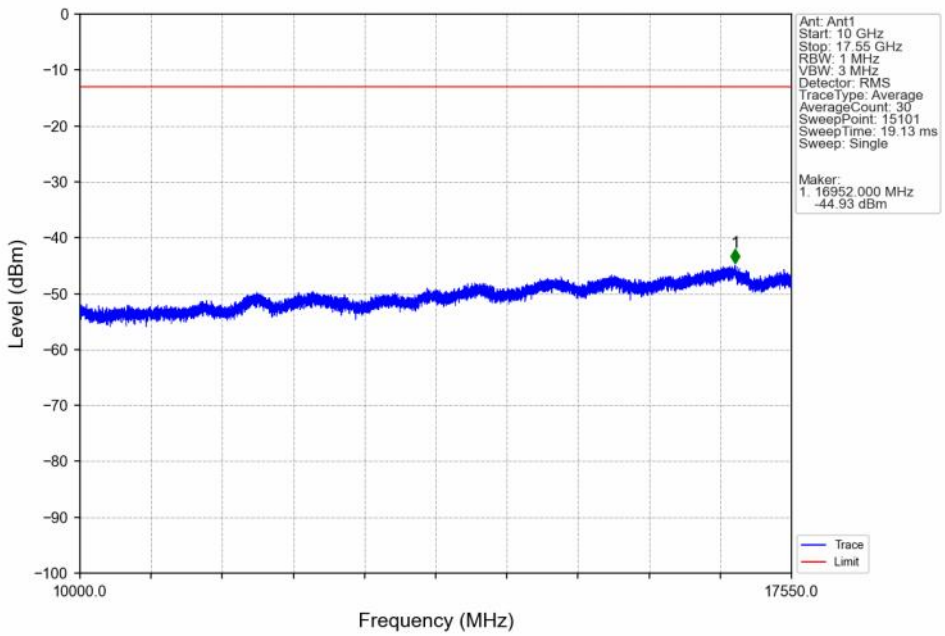
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



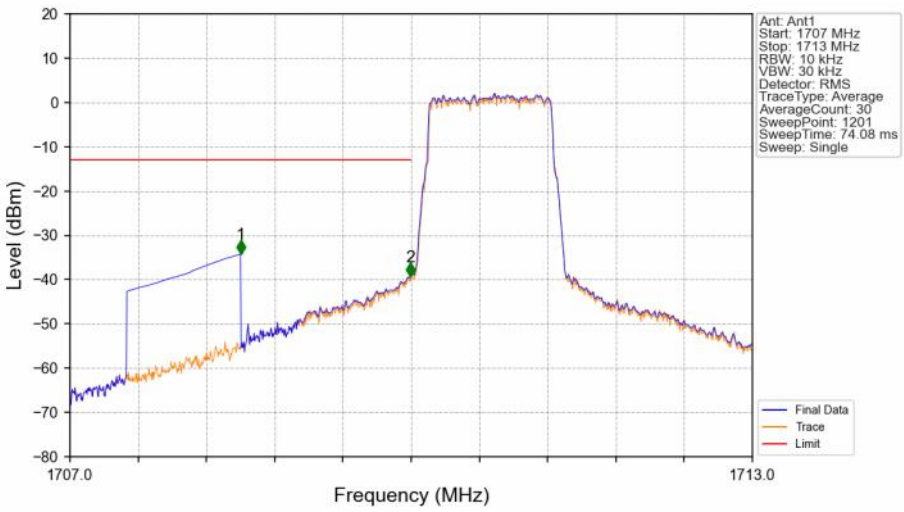
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

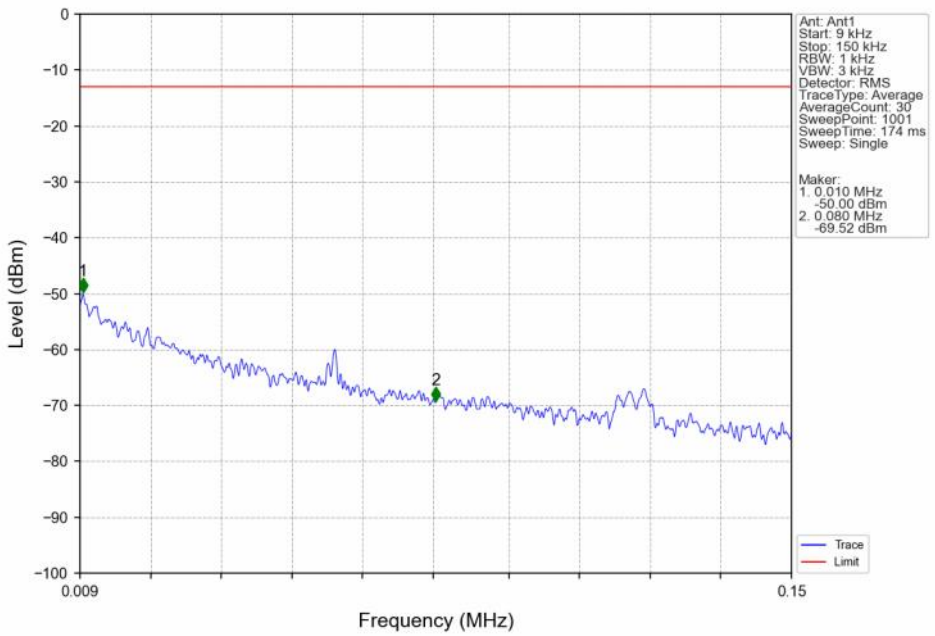


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

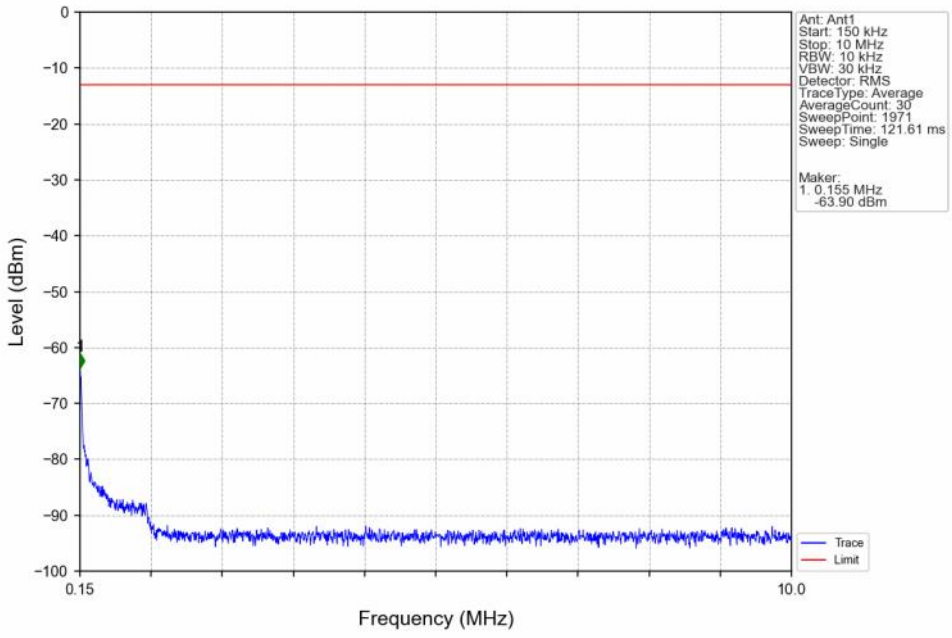


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-34.20	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-39.33	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

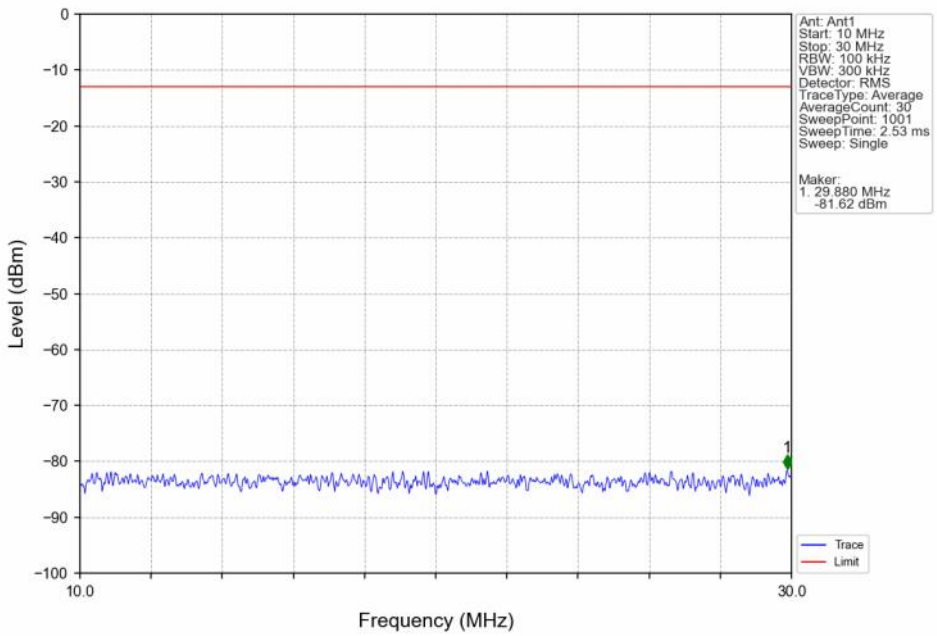
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



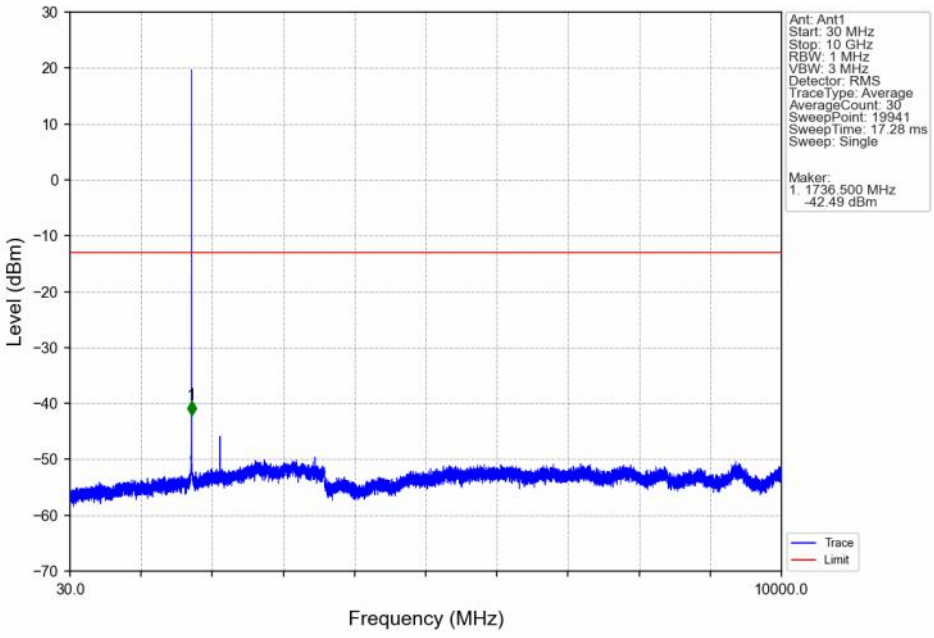
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



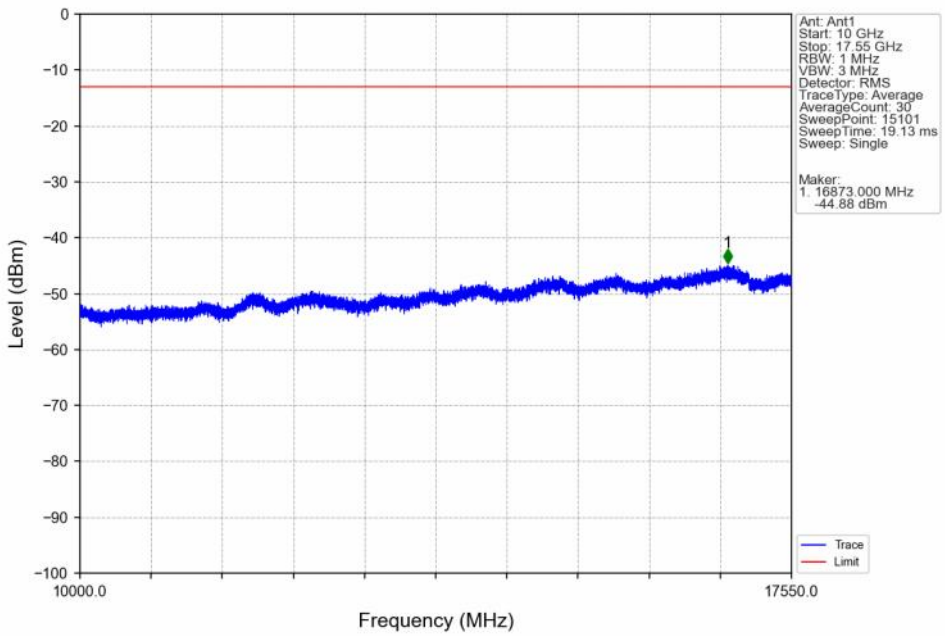
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



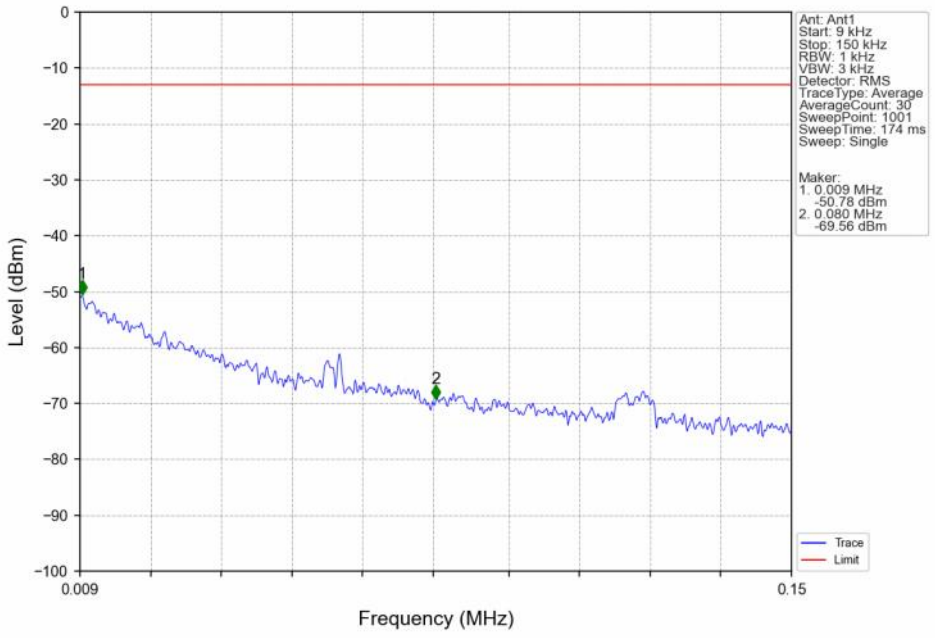
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



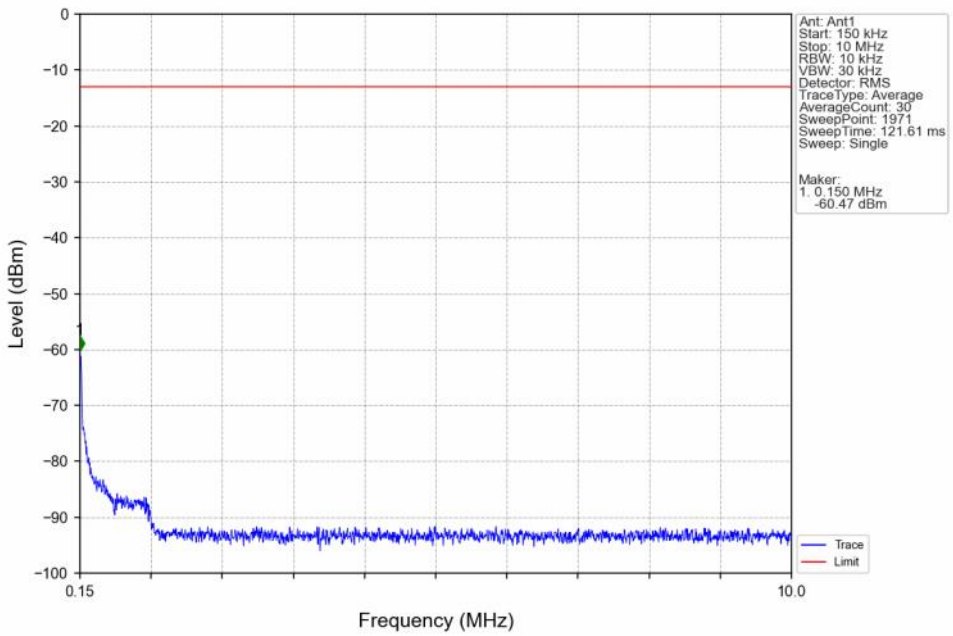
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



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