

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	20.56	-0.10	20.46	<=30	Pass
			2	20.58	-0.10	20.48	<=30	Pass
			5	20.65	-0.10	20.55	<=30	Pass
		3	0	20.71	-0.10	20.61	<=30	Pass
			2	20.61	-0.10	20.51	<=30	Pass
			3	20.61	-0.10	20.51	<=30	Pass
		6	0	19.63	-0.10	19.53	<=30	Pass
	1732.5	1	0	19.88	-0.10	19.78	<=30	Pass
			2	19.90	-0.10	19.80	<=30	Pass
			5	19.85	-0.10	19.75	<=30	Pass
		3	0	19.73	-0.10	19.63	<=30	Pass
			2	19.89	-0.10	19.79	<=30	Pass
			3	19.72	-0.10	19.62	<=30	Pass
		6	0	18.72	-0.10	18.62	<=30	Pass
	1754.3	1	0	19.88	-0.10	19.78	<=30	Pass
			2	20.03	-0.10	19.93	<=30	Pass
			5	20.01	-0.10	19.91	<=30	Pass
		3	0	19.85	-0.10	19.75	<=30	Pass
			2	20.01	-0.10	19.91	<=30	Pass
			3	19.89	-0.10	19.79	<=30	Pass
		6	0	18.78	-0.10	18.68	<=30	Pass
16QAM	1710.7	1	0	20.21	-0.10	20.11	<=30	Pass
			2	20.28	-0.10	20.18	<=30	Pass
			5	19.64	-0.10	19.54	<=30	Pass
		3	0	19.46	-0.10	19.36	<=30	Pass
			2	19.27	-0.10	19.17	<=30	Pass
			3	19.89	-0.10	19.79	<=30	Pass
		6	0	18.60	-0.10	18.50	<=30	Pass
	1732.5	1	0	18.74	-0.10	18.64	<=30	Pass
			2	19.24	-0.10	19.14	<=30	Pass
			5	18.76	-0.10	18.66	<=30	Pass
		3	0	18.77	-0.10	18.67	<=30	Pass
			2	18.82	-0.10	18.72	<=30	Pass
			3	18.77	-0.10	18.67	<=30	Pass
		6	0	17.56	-0.10	17.46	<=30	Pass
	1754.3	1	0	18.35	-0.10	18.25	<=30	Pass
			2	18.62	-0.10	18.52	<=30	Pass
			5	18.57	-0.10	18.47	<=30	Pass
		3	0	18.76	-0.10	18.66	<=30	Pass
			2	18.83	-0.10	18.73	<=30	Pass
			3	18.87	-0.10	18.77	<=30	Pass
		6	0	17.91	-0.10	17.81	<=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	20.63	-0.10	20.53	<=30	Pass
			7	20.78	-0.10	20.68	<=30	Pass
			14	20.25	-0.10	20.15	<=30	Pass
		8	0	19.13	-0.10	19.03	<=30	Pass
			4	19.29	-0.10	19.19	<=30	Pass
			7	19.23	-0.10	19.13	<=30	Pass
		15	0	19.20	-0.10	19.10	<=30	Pass
	1732.5	1	0	19.55	-0.10	19.45	<=30	Pass
			7	19.84	-0.10	19.74	<=30	Pass
			14	19.71	-0.10	19.61	<=30	Pass
		8	0	18.60	-0.10	18.50	<=30	Pass
			4	18.61	-0.10	18.51	<=30	Pass
			7	18.58	-0.10	18.48	<=30	Pass
		15	0	18.59	-0.10	18.49	<=30	Pass
	1753.5	1	0	19.88	-0.10	19.78	<=30	Pass
			7	20.12	-0.10	20.02	<=30	Pass
			14	20.09	-0.10	19.99	<=30	Pass
		8	0	19.06	-0.10	18.96	<=30	Pass
			4	19.04	-0.10	18.94	<=30	Pass
			7	19.05	-0.10	18.95	<=30	Pass
		15	0	19.11	-0.10	19.01	<=30	Pass
16QAM	1711.5	1	0	18.79	-0.10	18.69	<=30	Pass
			7	19.06	-0.10	18.96	<=30	Pass
			14	19.09	-0.10	18.99	<=30	Pass
		8	0	18.22	-0.10	18.12	<=30	Pass
			4	18.30	-0.10	18.20	<=30	Pass
			7	18.35	-0.10	18.25	<=30	Pass
		15	0	18.30	-0.10	18.20	<=30	Pass
	1732.5	1	0	18.18	-0.10	18.08	<=30	Pass
			7	19.48	-0.10	19.38	<=30	Pass
			14	19.09	-0.10	18.99	<=30	Pass
		8	0	17.50	-0.10	17.40	<=30	Pass
			4	17.43	-0.10	17.33	<=30	Pass
			7	17.57	-0.10	17.47	<=30	Pass
		15	0	17.50	-0.10	17.40	<=30	Pass
	1753.5	1	0	19.27	-0.10	19.17	<=30	Pass
			7	19.30	-0.10	19.20	<=30	Pass
			14	19.02	-0.10	18.92	<=30	Pass
		8	0	17.95	-0.10	17.85	<=30	Pass
			4	18.28	-0.10	18.18	<=30	Pass
			7	18.31	-0.10	18.21	<=30	Pass
		15	0	18.10	-0.10	18.00	<=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	20.73	-0.10	20.63	<=30	Pass
			13	20.77	-0.10	20.67	<=30	Pass
			24	20.26	-0.10	20.16	<=30	Pass
		12	0	19.52	-0.10	19.42	<=30	Pass
			6	19.80	-0.10	19.70	<=30	Pass
			13	19.71	-0.10	19.61	<=30	Pass

16QAM	1732.5	25	0	19.53	-0.10	19.43	<=30	Pass
		1	0	19.49	-0.10	19.39	<=30	Pass
			13	19.14	-0.10	19.04	<=30	Pass
			24	19.50	-0.10	19.40	<=30	Pass
		12	0	18.31	-0.10	18.21	<=30	Pass
			6	18.31	-0.10	18.21	<=30	Pass
			13	18.26	-0.10	18.16	<=30	Pass
		25	0	18.28	-0.10	18.18	<=30	Pass
	1752.5	1	0	19.41	-0.10	19.31	<=30	Pass
			13	19.27	-0.10	19.17	<=30	Pass
			24	19.45	-0.10	19.35	<=30	Pass
		12	0	18.42	-0.10	18.32	<=30	Pass
			6	18.37	-0.10	18.27	<=30	Pass
			13	18.64	-0.10	18.54	<=30	Pass
		25	0	18.48	-0.10	18.38	<=30	Pass
	1712.5	1	0	19.30	-0.10	19.20	<=30	Pass
			13	19.44	-0.10	19.34	<=30	Pass
			24	19.18	-0.10	19.08	<=30	Pass
		12	0	18.44	-0.10	18.34	<=30	Pass
			6	18.53	-0.10	18.43	<=30	Pass
			13	18.66	-0.10	18.56	<=30	Pass
		25	0	18.51	-0.10	18.41	<=30	Pass
	1732.5	1	0	18.84	-0.10	18.74	<=30	Pass
			13	18.57	-0.10	18.47	<=30	Pass
			24	18.77	-0.10	18.67	<=30	Pass
		12	0	16.98	-0.10	16.88	<=30	Pass
			6	17.17	-0.10	17.07	<=30	Pass
			13	17.53	-0.10	17.43	<=30	Pass
		25	0	17.21	-0.10	17.11	<=30	Pass
	1752.5	1	0	18.12	-0.10	18.02	<=30	Pass
			13	17.86	-0.10	17.76	<=30	Pass
			24	17.84	-0.10	17.74	<=30	Pass
		12	0	17.43	-0.10	17.33	<=30	Pass
			6	17.30	-0.10	17.20	<=30	Pass
			13	17.48	-0.10	17.38	<=30	Pass
		25	0	17.45	-0.10	17.35	<=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	20.15	-0.10	20.05	<=30	Pass
			25	20.65	-0.10	20.55	<=30	Pass
			49	19.91	-0.10	19.81	<=30	Pass
		25	0	19.40	-0.10	19.30	<=30	Pass
			13	19.28	-0.10	19.18	<=30	Pass
			25	19.11	-0.10	19.01	<=30	Pass
		50	0	19.29	-0.10	19.19	<=30	Pass
	1732.5	1	0	20.06	-0.10	19.96	<=30	Pass
			25	20.42	-0.10	20.32	<=30	Pass
			49	19.89	-0.10	19.79	<=30	Pass
		25	0	19.06	-0.10	18.96	<=30	Pass
			13	19.11	-0.10	19.01	<=30	Pass
			25	19.08	-0.10	18.98	<=30	Pass
		50	0	19.00	-0.10	18.90	<=30	Pass

16QAM	1750	1	0	20.39	-0.10	20.29	<=30	Pass
			25	20.05	-0.10	19.95	<=30	Pass
			49	20.13	-0.10	20.03	<=30	Pass
		25	0	19.12	-0.10	19.02	<=30	Pass
			13	19.14	-0.10	19.04	<=30	Pass
			25	19.16	-0.10	19.06	<=30	Pass
		50	0	19.09	-0.10	18.99	<=30	Pass
	1715	1	0	19.02	-0.10	18.92	<=30	Pass
			25	19.11	-0.10	19.01	<=30	Pass
			49	18.49	-0.10	18.39	<=30	Pass
		12	0	19.44	-0.10	19.34	<=30	Pass
			19	19.26	-0.10	19.16	<=30	Pass
			38	18.91	-0.10	18.81	<=30	Pass
		27	0	18.56	-0.10	18.46	<=30	Pass
	1732.5	1	0	20.07	-0.10	19.97	<=30	Pass
			25	19.44	-0.10	19.34	<=30	Pass
			49	19.97	-0.10	19.87	<=30	Pass
		12	0	18.99	-0.10	18.89	<=30	Pass
			19	18.78	-0.10	18.68	<=30	Pass
			38	19.08	-0.10	18.98	<=30	Pass
		27	0	18.14	-0.10	18.04	<=30	Pass
	1750	1	0	20.14	-0.10	20.04	<=30	Pass
			25	19.76	-0.10	19.66	<=30	Pass
			49	19.46	-0.10	19.36	<=30	Pass
		12	0	19.28	-0.10	19.18	<=30	Pass
			19	19.34	-0.10	19.24	<=30	Pass
			38	19.08	-0.10	18.98	<=30	Pass
		27	23	18.03	-0.10	17.93	<=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	20.26	-0.10	20.16	<=30	Pass
			38	19.97	-0.10	19.87	<=30	Pass
			74	20.19	-0.10	20.09	<=30	Pass
		36	0	19.23	-0.10	19.13	<=30	Pass
			18	19.10	-0.10	19.00	<=30	Pass
			39	18.75	-0.10	18.65	<=30	Pass
		75	0	18.75	-0.10	18.65	<=30	Pass
	1732.5	1	0	20.02	-0.10	19.92	<=30	Pass
			38	19.73	-0.10	19.63	<=30	Pass
			74	19.81	-0.10	19.71	<=30	Pass
		36	0	18.65	-0.10	18.55	<=30	Pass
			18	18.67	-0.10	18.57	<=30	Pass
			39	18.79	-0.10	18.69	<=30	Pass
		75	0	18.54	-0.10	18.44	<=30	Pass
	1747.5	1	0	20.40	-0.10	20.30	<=30	Pass
			38	20.57	-0.10	20.47	<=30	Pass
			74	19.57	-0.10	19.47	<=30	Pass
		36	0	18.83	-0.10	18.73	<=30	Pass
			18	18.72	-0.10	18.62	<=30	Pass
			39	18.70	-0.10	18.60	<=30	Pass
		75	0	18.68	-0.10	18.58	<=30	Pass
16QAM	1717.5	1	0	19.19	-0.10	19.09	<=30	Pass

			38	19.75	-0.10	19.65	<=30	Pass
			74	19.62	-0.10	19.52	<=30	Pass
		12	0	19.66	-0.10	19.56	<=30	Pass
			31	19.28	-0.10	19.18	<=30	Pass
			63	19.07	-0.10	18.97	<=30	Pass
		27	0	18.45	-0.10	18.35	<=30	Pass
	1732.5	1	0	19.15	-0.10	19.05	<=30	Pass
			38	19.12	-0.10	19.02	<=30	Pass
			74	19.06	-0.10	18.96	<=30	Pass
		12	0	18.37	-0.10	18.27	<=30	Pass
			31	18.57	-0.10	18.47	<=30	Pass
			63	18.66	-0.10	18.56	<=30	Pass
	27	0	17.66	-0.10	17.56	<=30	Pass	
	1747.5	1	0	19.44	-0.10	19.34	<=30	Pass
			38	19.91	-0.10	19.81	<=30	Pass
			74	19.29	-0.10	19.19	<=30	Pass
		12	0	18.47	-0.10	18.37	<=30	Pass
			31	18.42	-0.10	18.32	<=30	Pass
			63	18.64	-0.10	18.54	<=30	Pass
	27	48	17.79	-0.10	17.69	<=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	20.29	-0.10	20.19	<=30	Pass
			50	20.27	-0.10	20.17	<=30	Pass
			99	19.94	-0.10	19.84	<=30	Pass
		50	0	19.38	-0.10	19.28	<=30	Pass
			25	19.16	-0.10	19.06	<=30	Pass
			50	19.04	-0.10	18.94	<=30	Pass
		100	0	19.00	-0.10	18.90	<=30	Pass
			0	19.86	-0.10	19.76	<=30	Pass
			50	20.01	-0.10	19.91	<=30	Pass
		1	99	19.63	-0.10	19.53	<=30	Pass
			0	18.48	-0.10	18.38	<=30	Pass
			25	18.55	-0.10	18.45	<=30	Pass
16QAM	1732.5	50	50	18.60	-0.10	18.50	<=30	Pass
			0	18.47	-0.10	18.37	<=30	Pass
		100	0	20.09	-0.10	19.99	<=30	Pass
			50	19.82	-0.10	19.72	<=30	Pass
			99	20.03	-0.10	19.93	<=30	Pass
		1	0	19.18	-0.10	19.08	<=30	Pass
			25	18.98	-0.10	18.88	<=30	Pass
			50	18.96	-0.10	18.86	<=30	Pass
		50	0	19.10	-0.10	19.00	<=30	Pass
			0	20.44	-0.10	20.34	<=30	Pass
			50	19.67	-0.10	19.57	<=30	Pass
		1	99	19.37	-0.10	19.27	<=30	Pass
	1720	12	0	19.15	-0.10	19.05	<=30	Pass
			44	19.05	-0.10	18.95	<=30	Pass
			88	18.67	-0.10	18.57	<=30	Pass
		27	0	18.46	-0.10	18.36	<=30	Pass
			0	18.40	-0.10	18.30	<=30	Pass
			50	18.45	-0.10	18.35	<=30	Pass

		12	99	18.37	-0.10	18.27	<=30	Pass
			0	18.54	-0.10	18.44	<=30	Pass
			44	18.20	-0.10	18.10	<=30	Pass
			88	18.29	-0.10	18.19	<=30	Pass
	27	1	0	17.44	-0.10	17.34	<=30	Pass
			0	19.18	-0.10	19.08	<=30	Pass
			50	19.65	-0.10	19.55	<=30	Pass
			99	20.05	-0.10	19.95	<=30	Pass
	12	12	0	19.70	-0.10	19.60	<=30	Pass
			44	19.40	-0.10	19.30	<=30	Pass
			88	18.59	-0.10	18.49	<=30	Pass
			73	17.95	-0.10	17.85	<=30	Pass
	27	27	73	17.95	-0.10	17.85	<=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	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	2.003	0.0012	-2.5 to 2.5	Pass
					4.43	1.159	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.103	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.159	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.659	0.0010	-2.5 to 2.5	Pass
				50	3.85	0.386	0.0002	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.744	-0.0004	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	-0.873	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				30	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-2.904	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	2.875	0.0017	-2.5 to 2.5	Pass
					3.85	0.887	0.0005	-2.5 to 2.5	Pass
					4.43	2.303	0.0013	-2.5 to 2.5	Pass
				-30	3.85	2.117	0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				0	3.85	1.874	0.0011	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0007	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	0.057	0.0000	-2.5 to 2.5	Pass
					3.85	0.672	0.0004	-2.5 to 2.5	Pass
					4.43	-0.057	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.174	0.0013	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.362	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.562	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.005	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-3.762	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.921	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0021	-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	0.286	0.0002	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	0.229	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.787	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.687	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
					4.43	1.388	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass

				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	0.114	0.0001	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				50	3.85	1.073	0.0006	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.787	0.0005	-2.5 to 2.5	Pass
					3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.160	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.916	0.0005	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	1.960	0.0011	-2.5 to 2.5	Pass
					3.85	2.418	0.0014	-2.5 to 2.5	Pass
					4.43	0.129	0.0001	-2.5 to 2.5	Pass
				-30	3.85	1.903	0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.917	0.0011	-2.5 to 2.5	Pass
				50	3.85	1.402	0.0008	-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	1.402	0.0008	-2.5 to 2.5	Pass
					3.85	1.659	0.0010	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass

				-30	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.674	0.0010	-2.5 to 2.5	Pass
				0	3.85	1.516	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0003	-2.5 to 2.5	Pass
				30	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.260	0.0013	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.486	0.0003	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	0.329	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	1.359	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.802	0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.85	2.575	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.515	0.0003	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.232	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-5.221	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	2.017	0.0012	-2.5 to 2.5	Pass
					3.85	0.901	0.0005	-2.5 to 2.5	Pass
					4.43	2.174	0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.888	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.146	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.501	0.0003	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	0.401	0.0002	-2.5 to 2.5	Pass
					3.85	0.544	0.0003	-2.5 to 2.5	Pass
					4.43	-0.558	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				10	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0005	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-4.120	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.905	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.333	-0.0019	-2.5 to 2.5	Pass

				10	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-2.875	-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	-3.319	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-3.662	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-3.190	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.219	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.329	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
					4.43	0.730	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	1.330	0.0008	-2.5 to 2.5	Pass
					3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
					4.43	1.373	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.901	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.059	0.0006	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.27	-4.220	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.306	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.917	-0.0011	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
					4.43	1.874	0.0011	-2.5 to 2.5	Pass

				-30	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.043	0.0000	-2.5 to 2.5	Pass
	1750	27	23	20	3.27	2.832	0.0016	-2.5 to 2.5	Pass
					3.85	2.146	0.0012	-2.5 to 2.5	Pass
					4.43	2.403	0.0014	-2.5 to 2.5	Pass
				-30	3.85	2.232	0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.247	0.0019	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.031	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.174	0.0012	-2.5 to 2.5	Pass
				30	3.85	2.446	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.604	0.0015	-2.5 to 2.5	Pass
				50	3.85	2.074	0.0012	-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	0.215	0.0001	-2.5 to 2.5	Pass
					3.85	0.515	0.0003	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-0.358	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	0.043	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.014	0.0000	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.787	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass

16QAM	1717.5	27	0	50	3.85	-0.815	-0.0005	-2.5 to 2.5	Pass
				20	3.27	-0.443	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.43	0.257	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
	1732.5	27	0	40	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				20	3.27	-0.815	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.329	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
	1747.5	27	48	30	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				20	3.27	-0.529	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.815	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-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	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	0.973	0.0006	-2.5 to 2.5	Pass
					4.43	0.758	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.187	0.0007	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.114	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass

				0	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-3.819	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.332	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.933	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-2.360	-0.0014	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.27	0.772	0.0004	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	1.044	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0001	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.27	-0.887	-0.0005	-2.5 to 2.5	Pass
					3.85	0.944	0.0005	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0002	-2.5 to 2.5	Pass
	1745	27	73	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0018	-2.5 to 2.5	Pass
					4.43	-3.505	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.689	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.476	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.990	-0.0017	-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 / NTV						
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

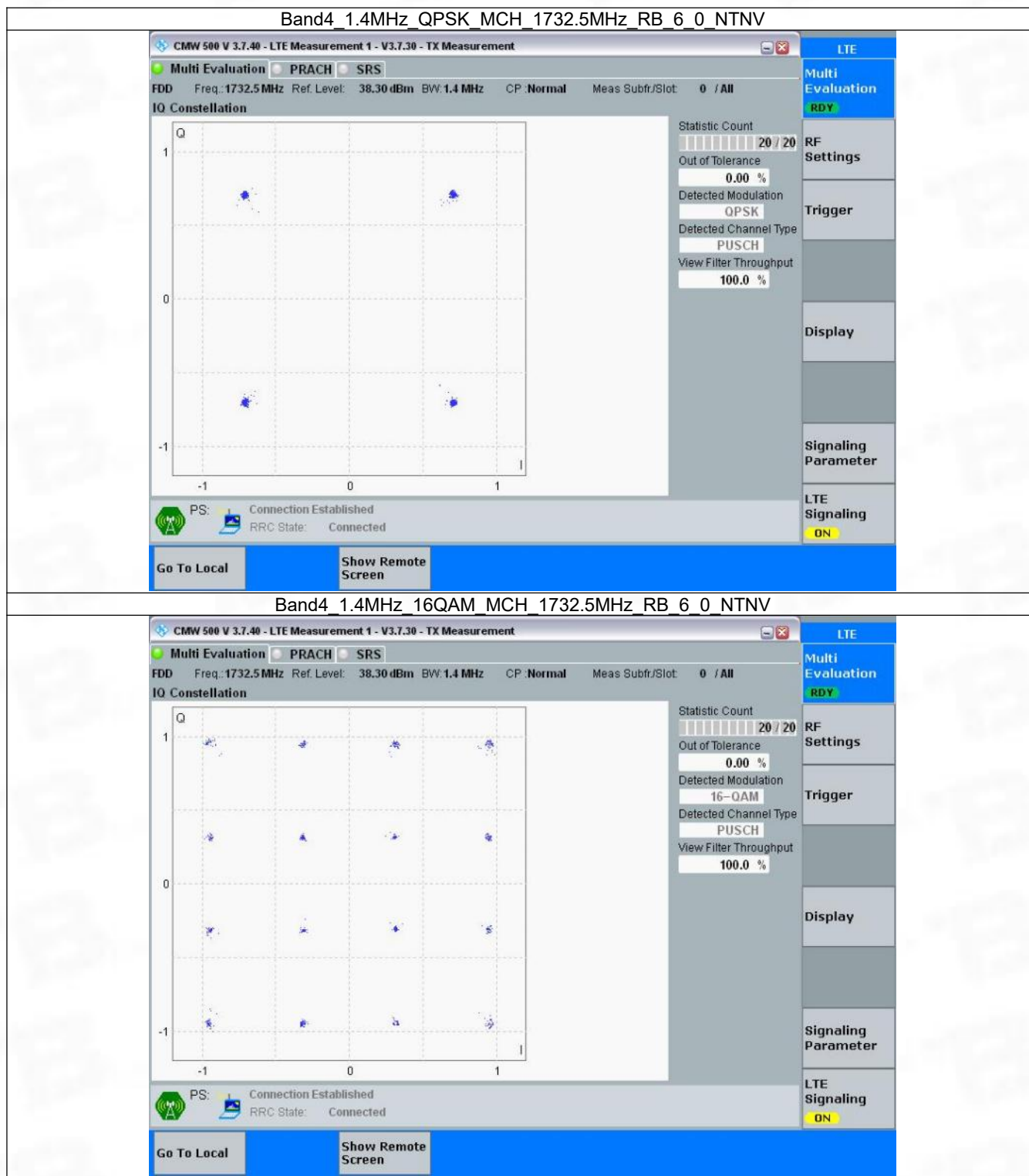
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

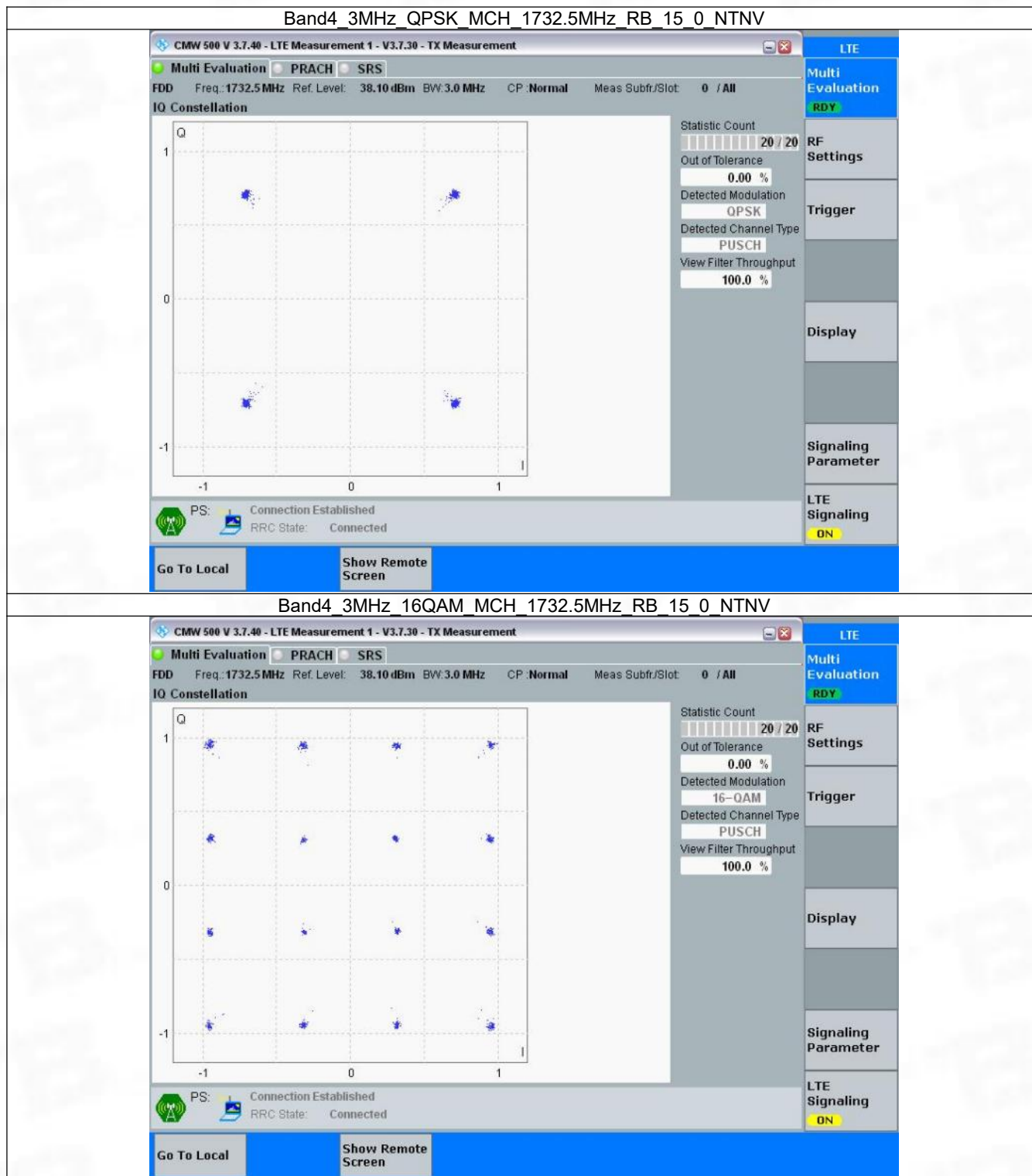
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	27	0	Refer To Test Graph		Pass

3.2 Test Graph

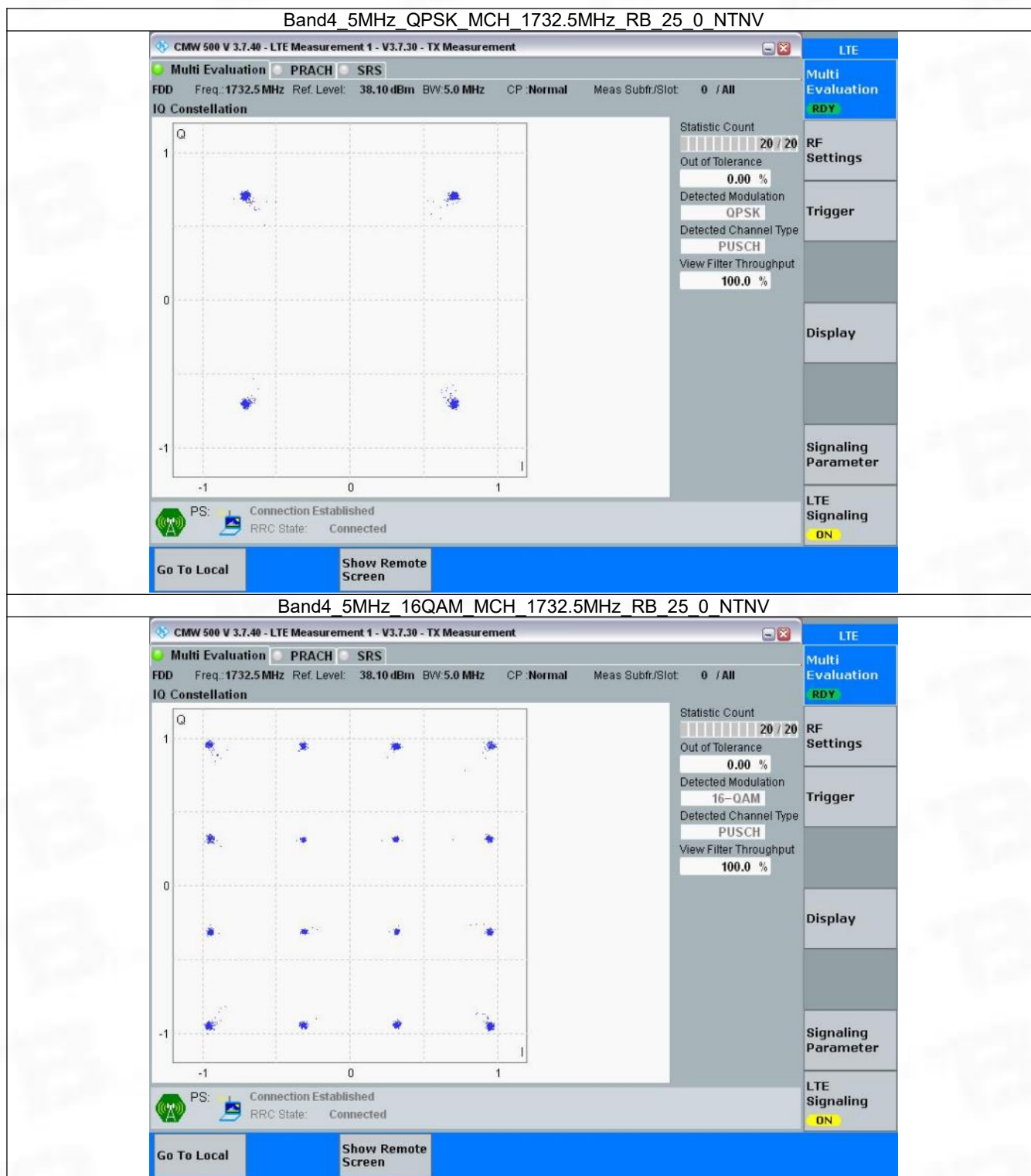
3.2.1 B4_1.4MHz



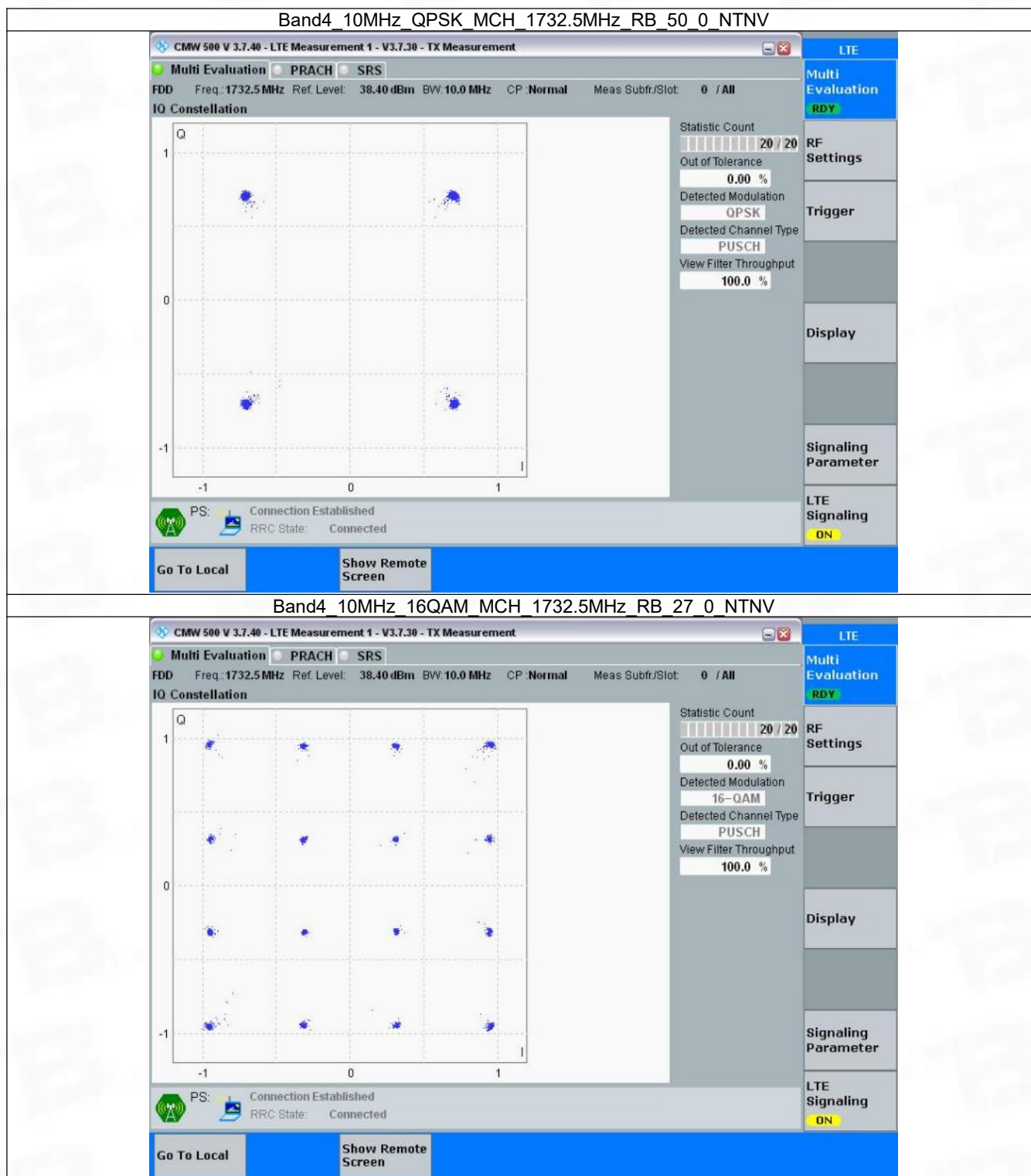
3.2.2 B4_3MHz



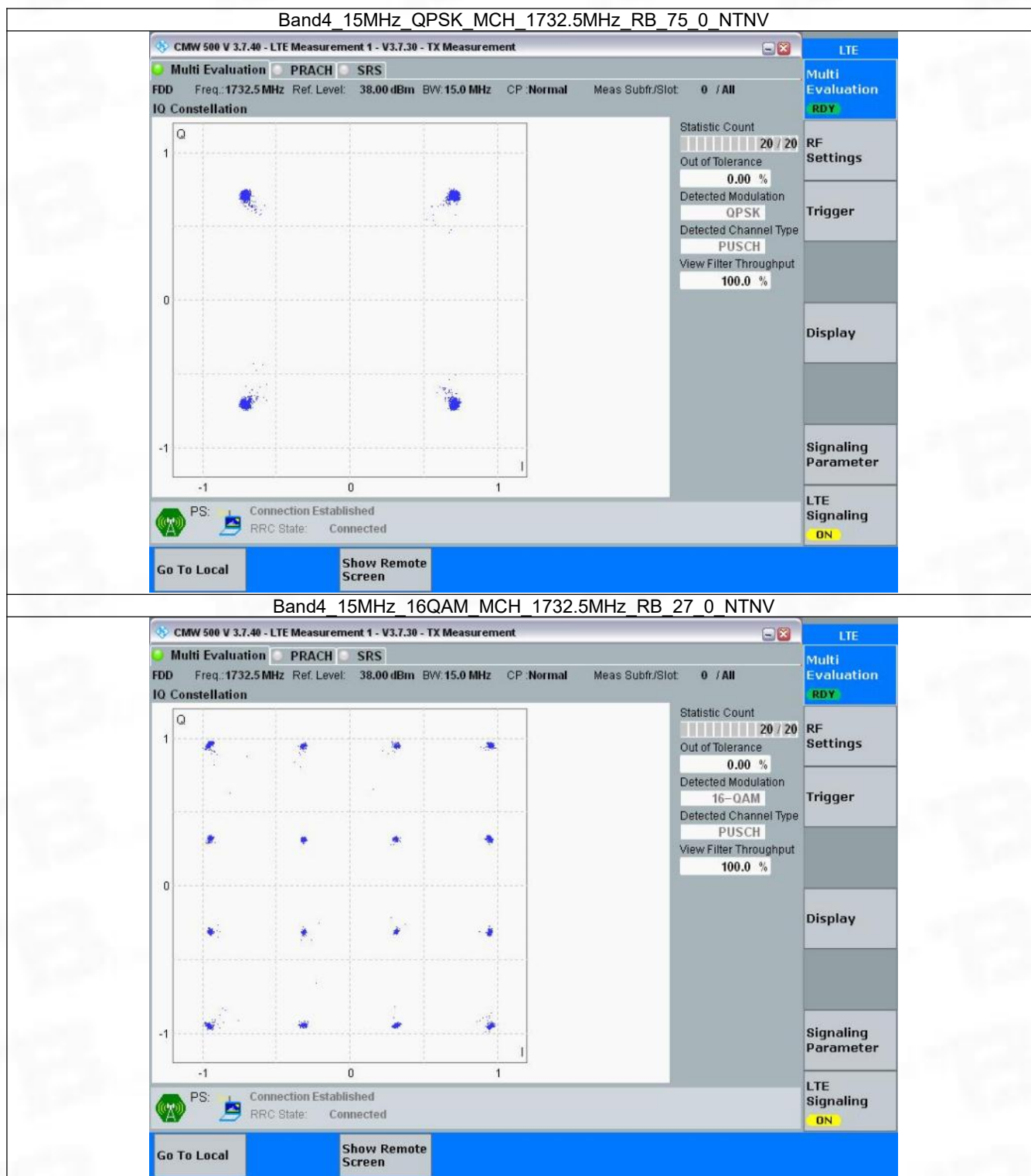
3.2.3 B4_5MHz



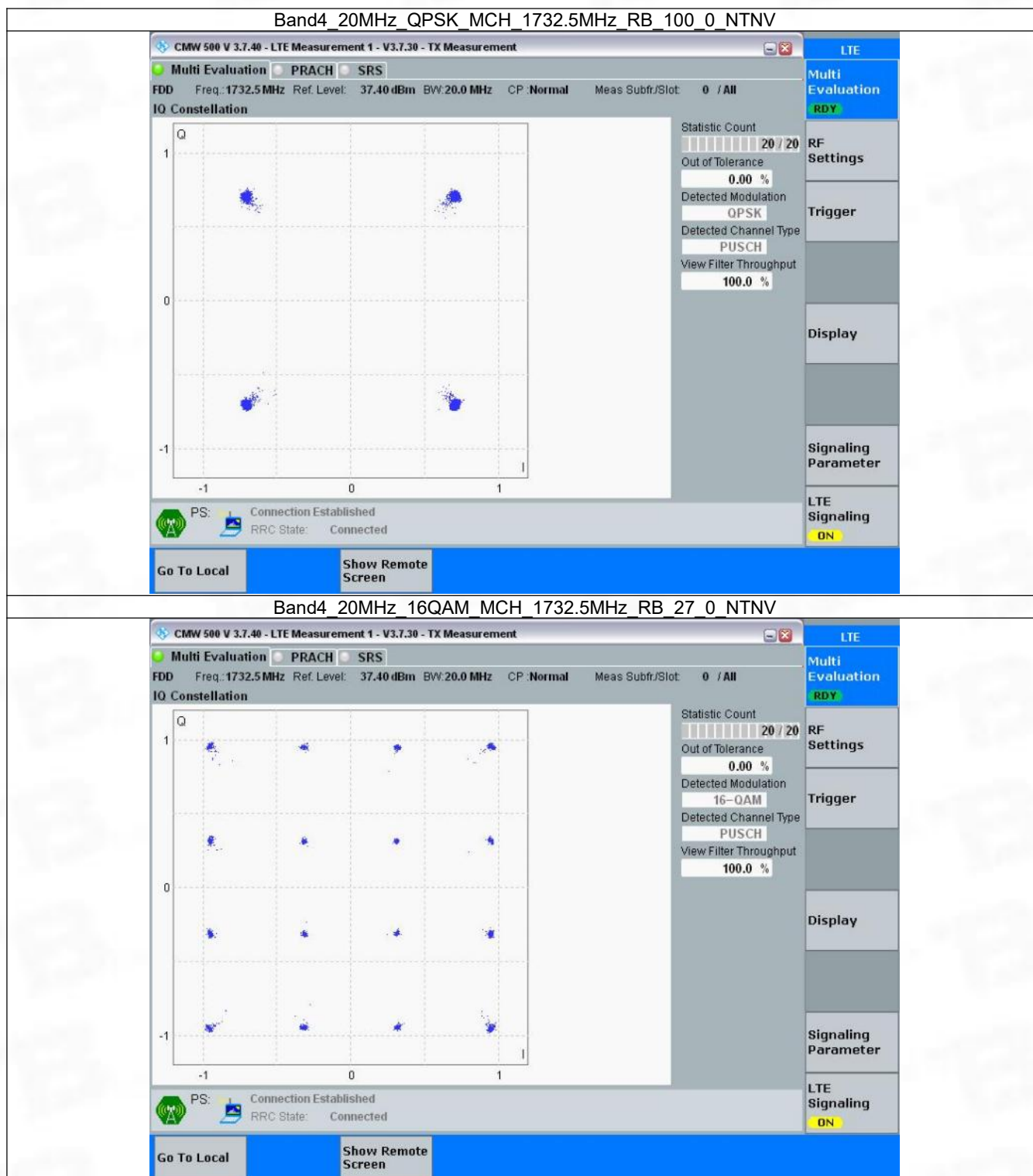
3.2.4 B4_10MHz



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	1.109	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.116	/	Pass
	16QAM	1710.7	6	0	1.113	/	Pass
		1732.5	6	0	1.114	/	Pass
		1754.3	6	0	1.110	/	Pass
3	QPSK	1711.5	15	0	2.750	/	Pass
		1732.5	15	0	2.742	/	Pass
		1753.5	15	0	2.741	/	Pass
	16QAM	1711.5	15	0	2.742	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.745	/	Pass
5	QPSK	1712.5	25	0	4.539	/	Pass
		1732.5	25	0	4.555	/	Pass
		1752.5	25	0	4.558	/	Pass
	16QAM	1712.5	25	0	4.563	/	Pass
		1732.5	25	0	4.561	/	Pass
		1752.5	25	0	4.541	/	Pass
10	QPSK	1715	50	0	9.023	/	Pass
		1732.5	50	0	9.021	/	Pass
		1750	50	0	9.024	/	Pass
	16QAM	1715	27	0	5.064	/	Pass
		1732.5	27	0	5.066	/	Pass
		1750	27	23	5.078	/	Pass
15	QPSK	1717.5	75	0	13.544	/	Pass
		1732.5	75	0	13.542	/	Pass
		1747.5	75	0	13.489	/	Pass
	16QAM	1717.5	27	0	5.273	/	Pass
		1732.5	27	0	5.318	/	Pass
		1747.5	27	48	5.327	/	Pass
20	QPSK	1720	100	0	17.950	/	Pass
		1732.5	100	0	18.052	/	Pass
		1745	100	0	18.023	/	Pass
	16QAM	1720	27	0	5.600	/	Pass
		1732.5	27	0	5.739	/	Pass
		1745	27	73	5.594	/	Pass

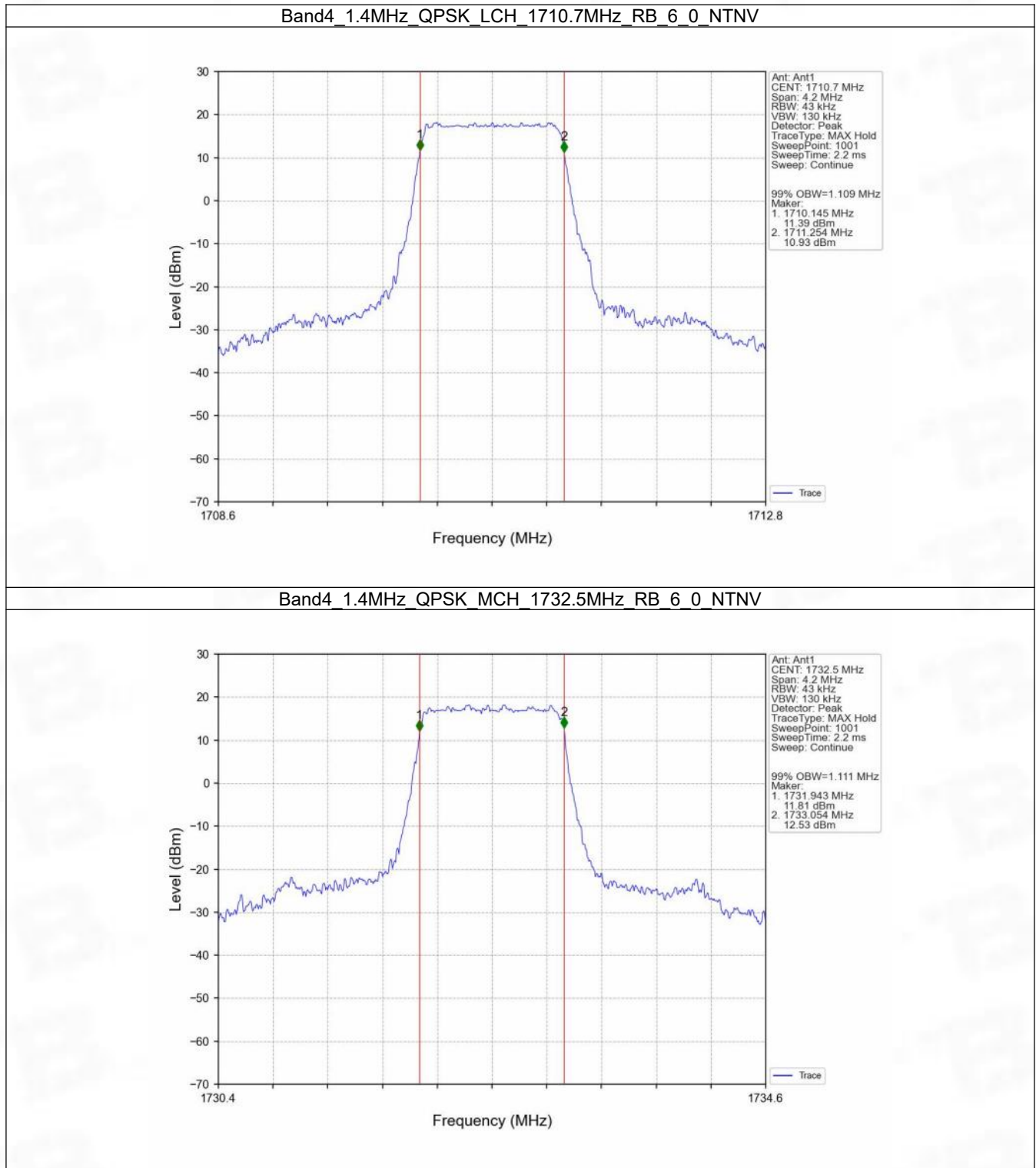
4.1.2 Band4_XDB

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	1.323	/	Pass
		1732.5	6	0	1.313	/	Pass
		1754.3	6	0	1.373	/	Pass

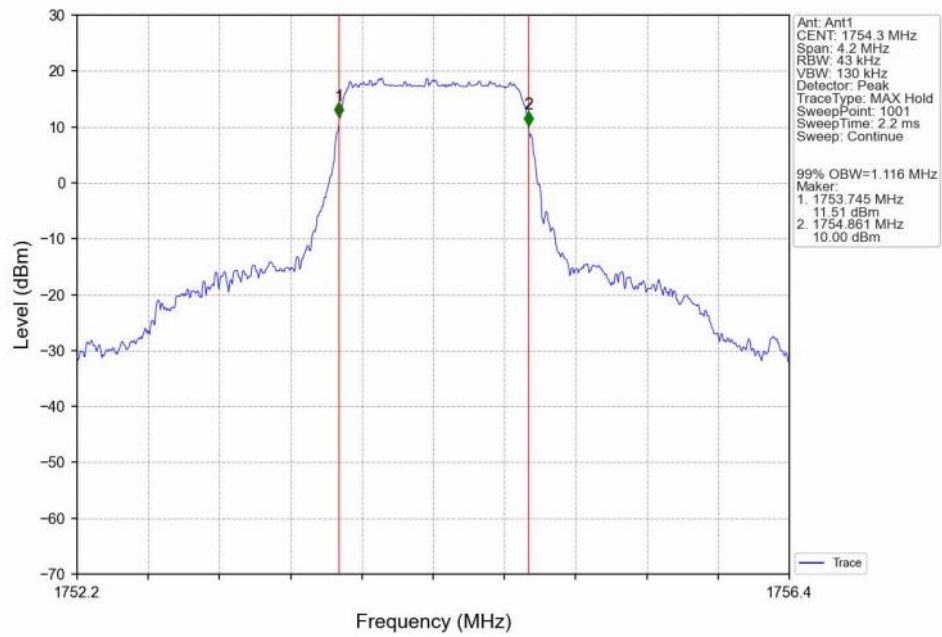
	16QAM	1710.7	6	0	1.305	/	Pass
		1732.5	6	0	1.324	/	Pass
		1754.3	6	0	1.301	/	Pass
3	QPSK	1711.5	15	0	3.071	/	Pass
		1732.5	15	0	3.055	/	Pass
		1753.5	15	0	3.056	/	Pass
	16QAM	1711.5	15	0	3.066	/	Pass
		1732.5	15	0	3.046	/	Pass
		1753.5	15	0	3.029	/	Pass
5	QPSK	1712.5	25	0	5.103	/	Pass
		1732.5	25	0	5.088	/	Pass
		1752.5	25	0	5.091	/	Pass
	16QAM	1712.5	25	0	5.088	/	Pass
		1732.5	25	0	5.112	/	Pass
		1752.5	25	0	5.097	/	Pass
10	QPSK	1715	50	0	10.005	/	Pass
		1732.5	50	0	10.054	/	Pass
		1750	50	0	10.109	/	Pass
	16QAM	1715	27	0	6.018	/	Pass
		1732.5	27	0	6.060	/	Pass
		1750	27	23	6.567	/	Pass
15	QPSK	1717.5	75	0	14.957	/	Pass
		1732.5	75	0	15.006	/	Pass
		1747.5	75	0	14.905	/	Pass
	16QAM	1717.5	27	0	6.244	/	Pass
		1732.5	27	0	7.862	/	Pass
		1747.5	27	48	7.414	/	Pass
20	QPSK	1720	100	0	19.661	/	Pass
		1732.5	100	0	19.902	/	Pass
		1745	100	0	19.685	/	Pass
	16QAM	1720	27	0	7.543	/	Pass
		1732.5	27	0	8.150	/	Pass
		1745	27	73	7.595	/	Pass

4.2 Test Graph

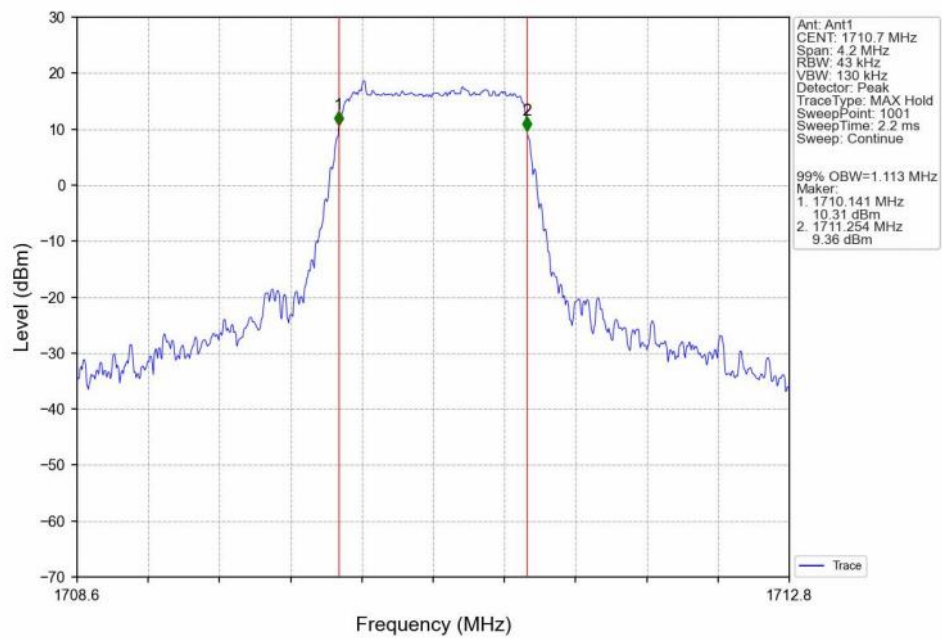
4.2.1 Band4_OBW



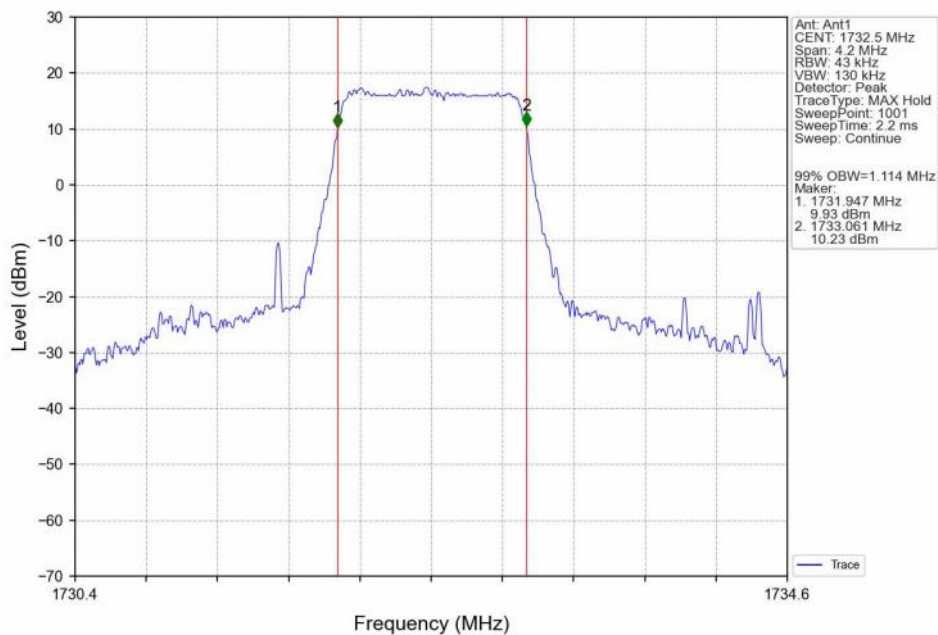
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



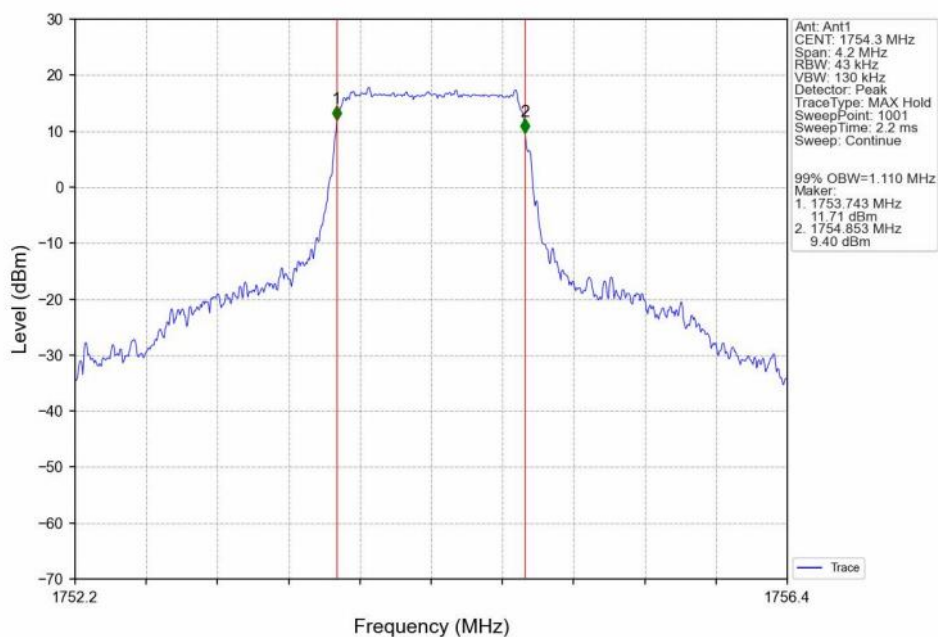
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



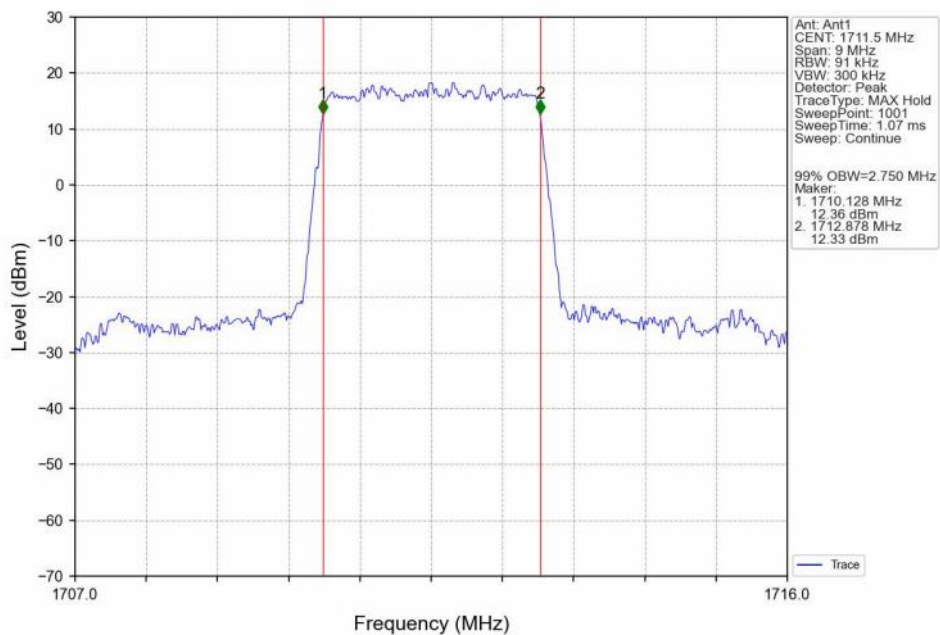
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



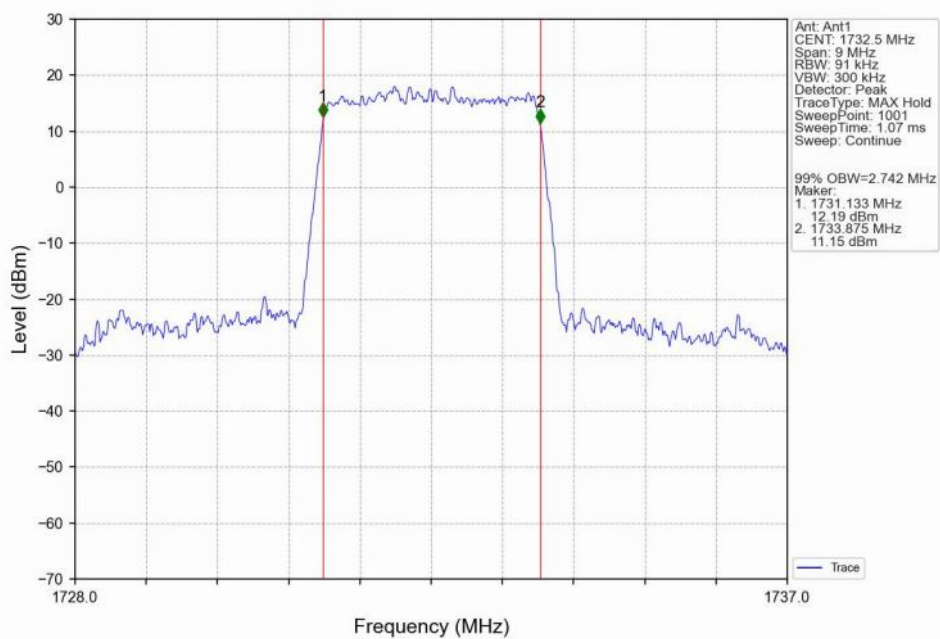
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



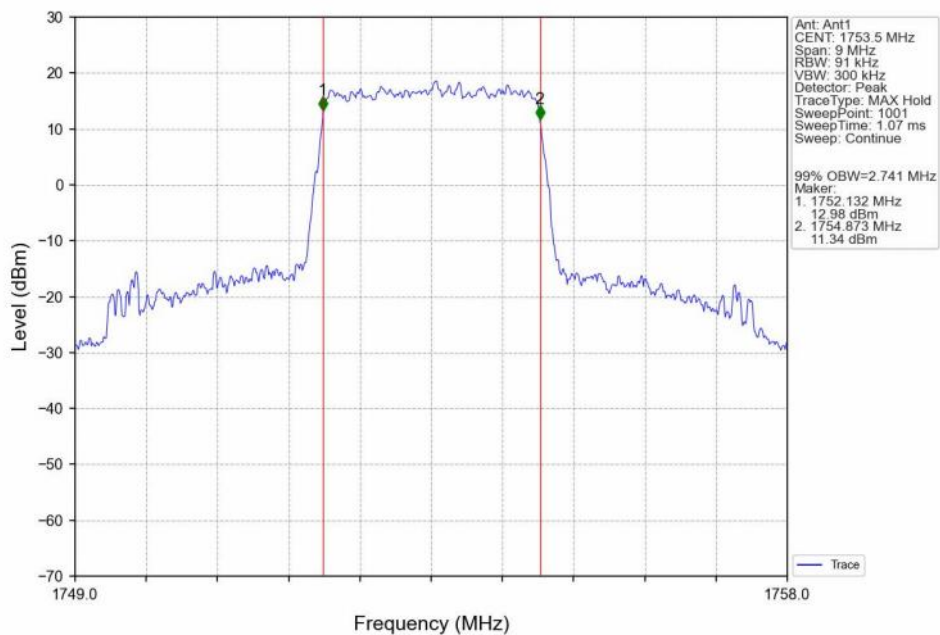
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



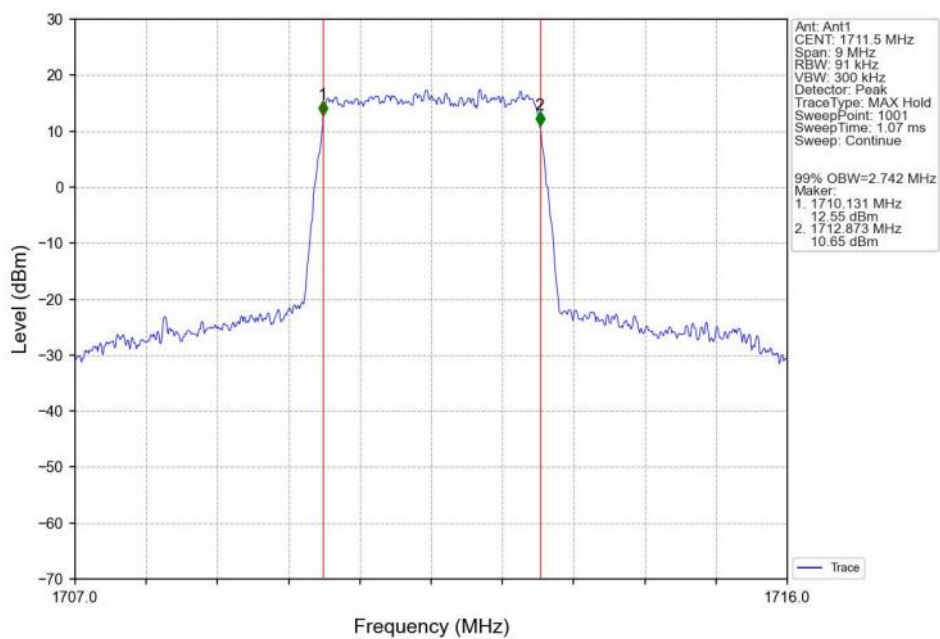
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



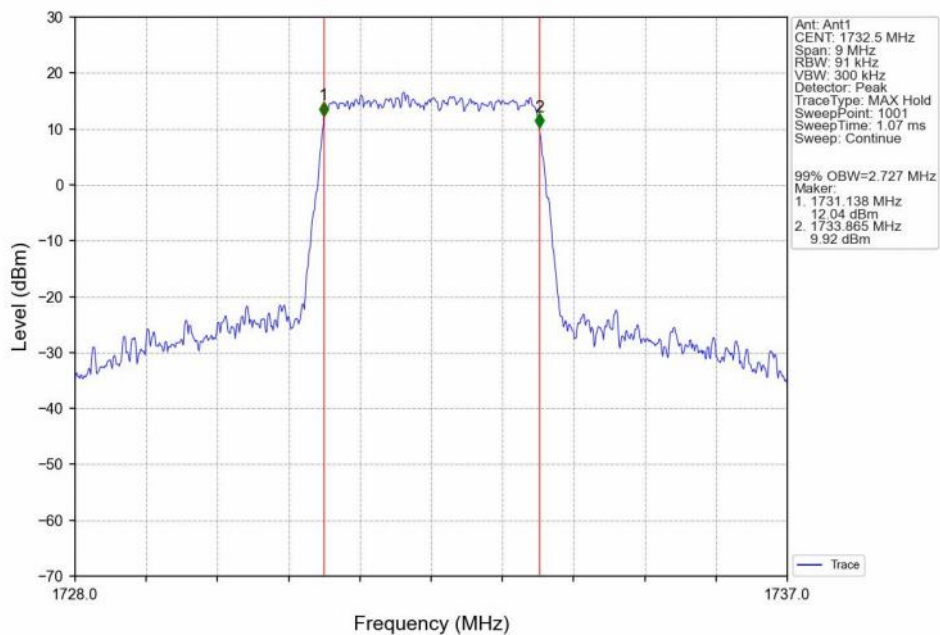
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



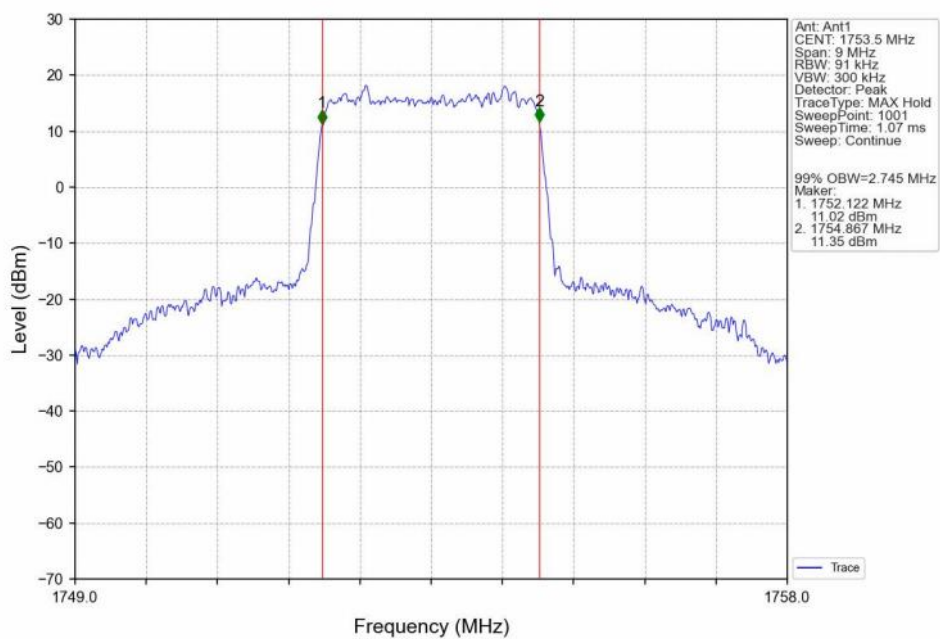
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



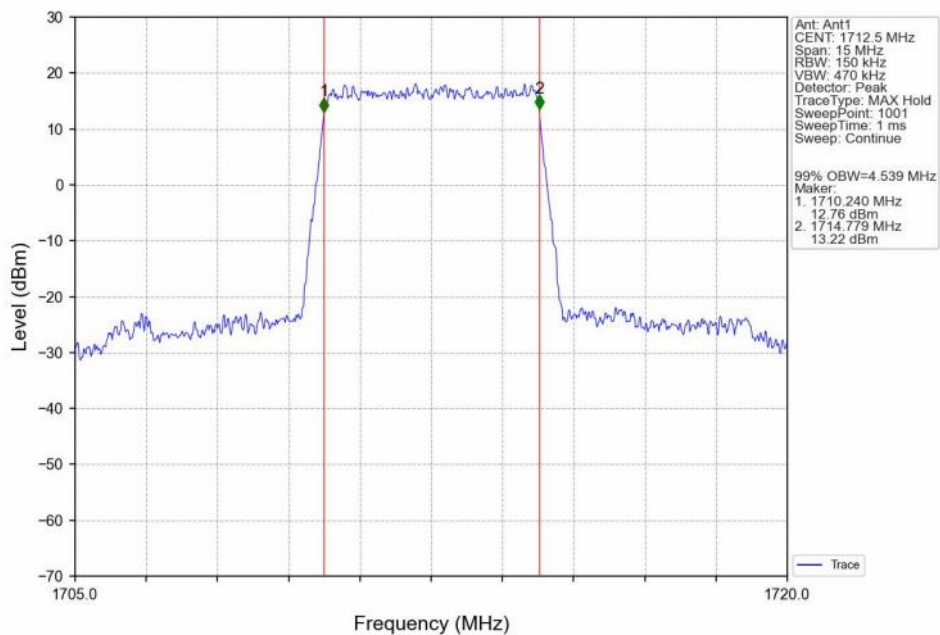
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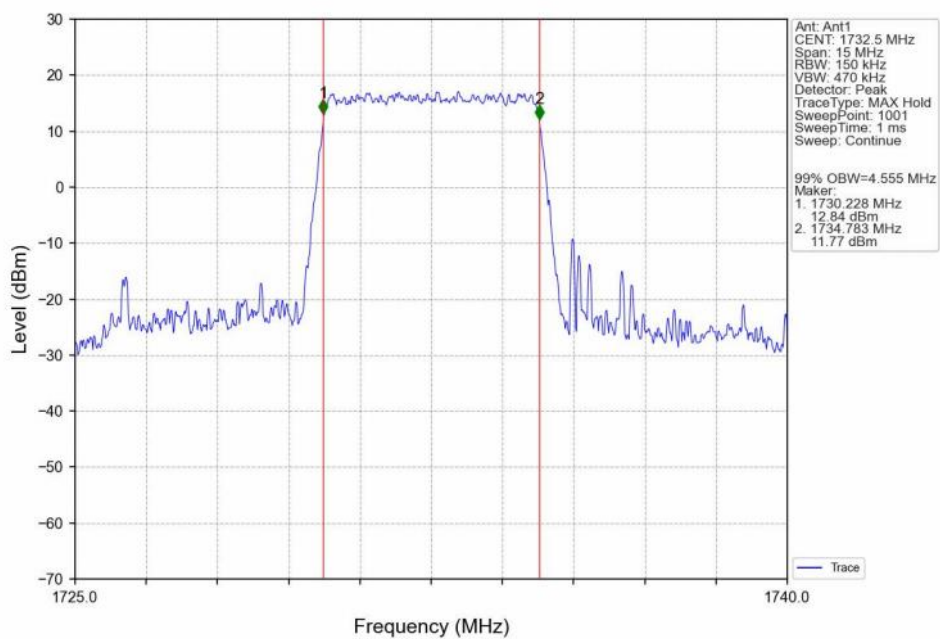
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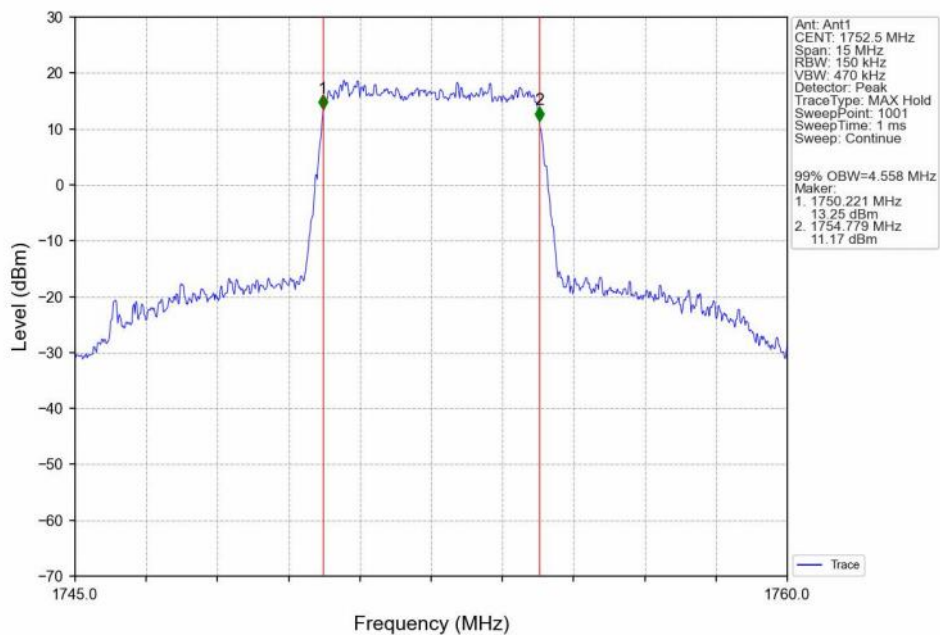
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



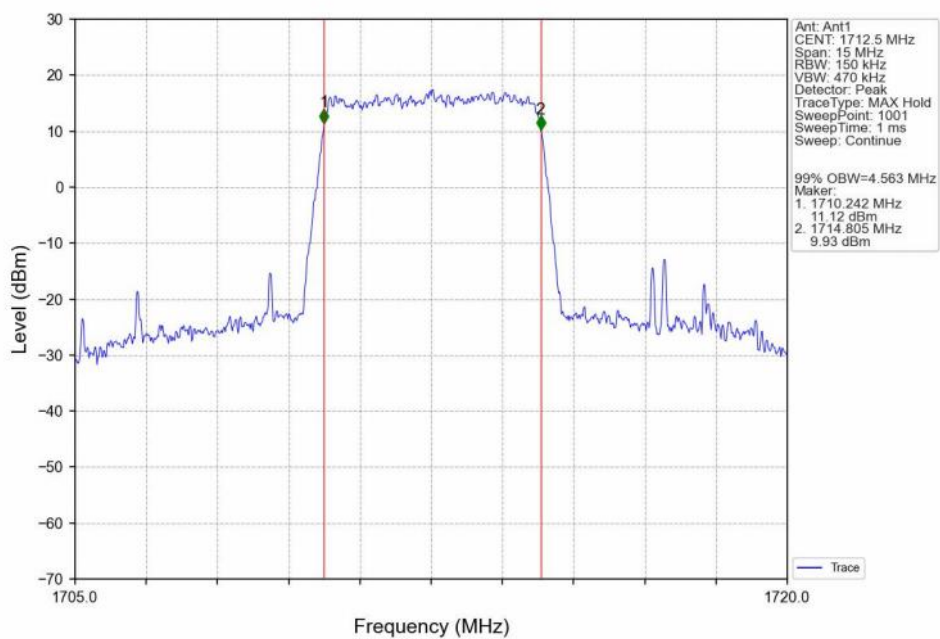
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



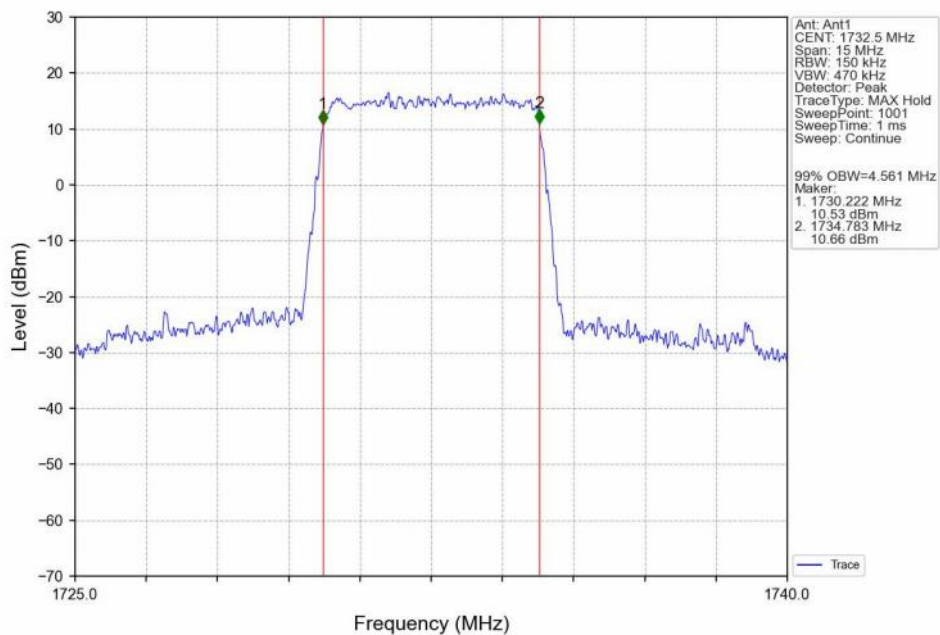
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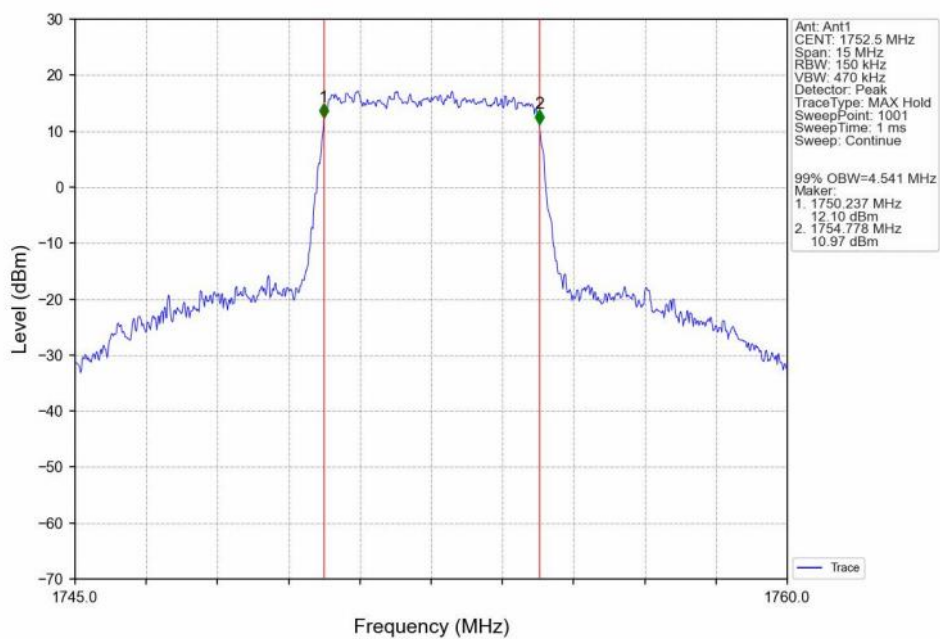
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



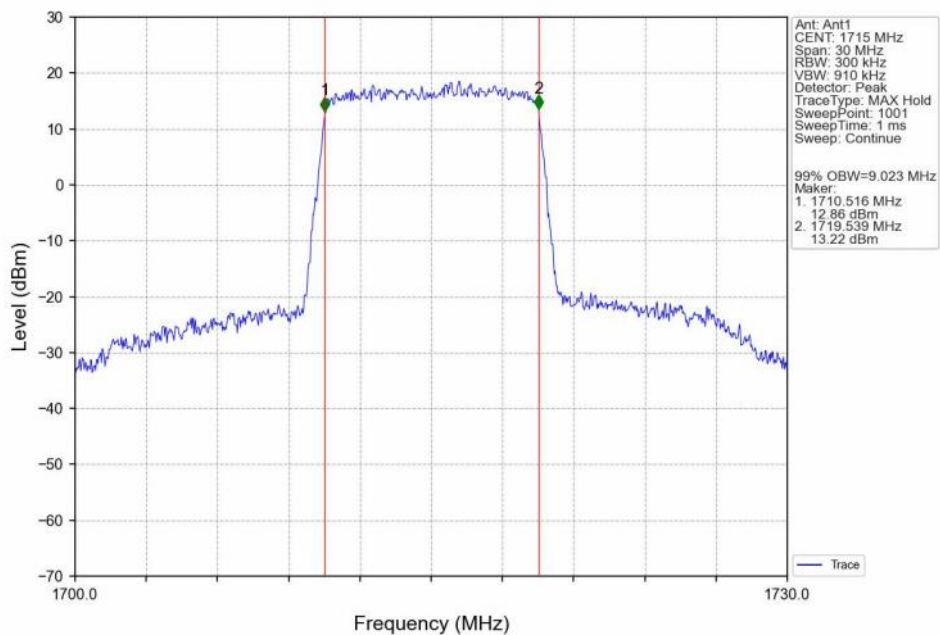
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



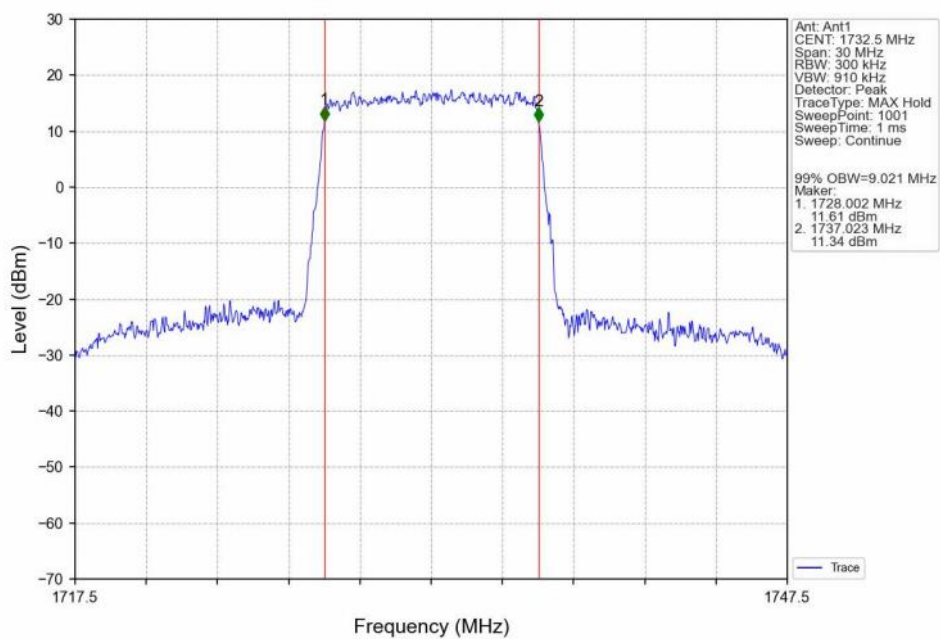
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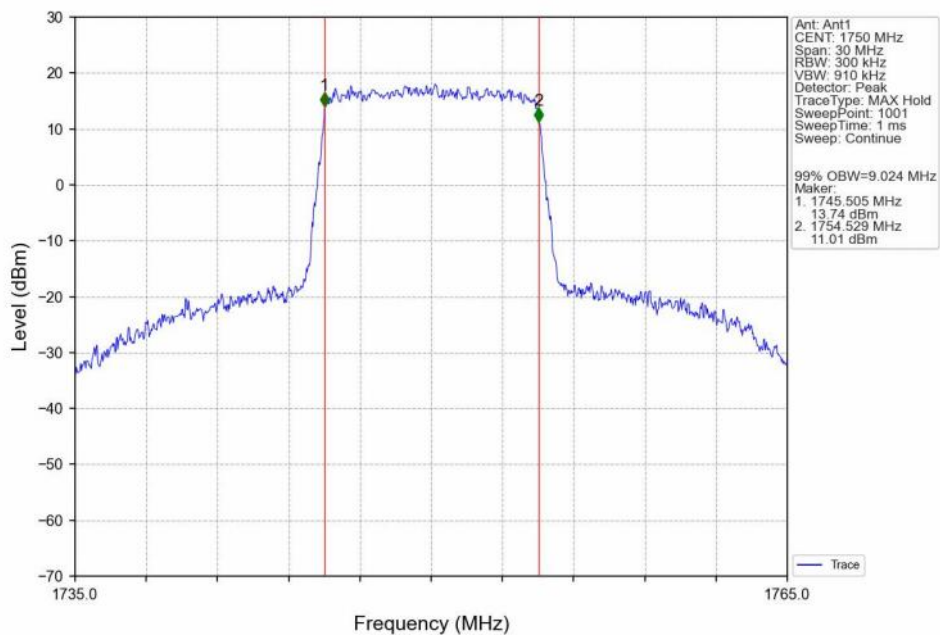
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



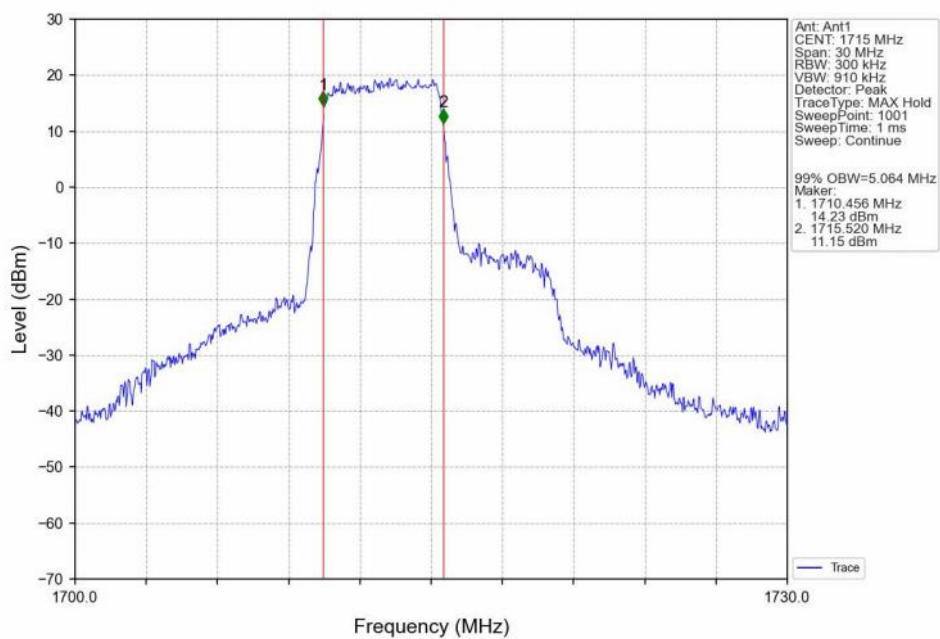
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



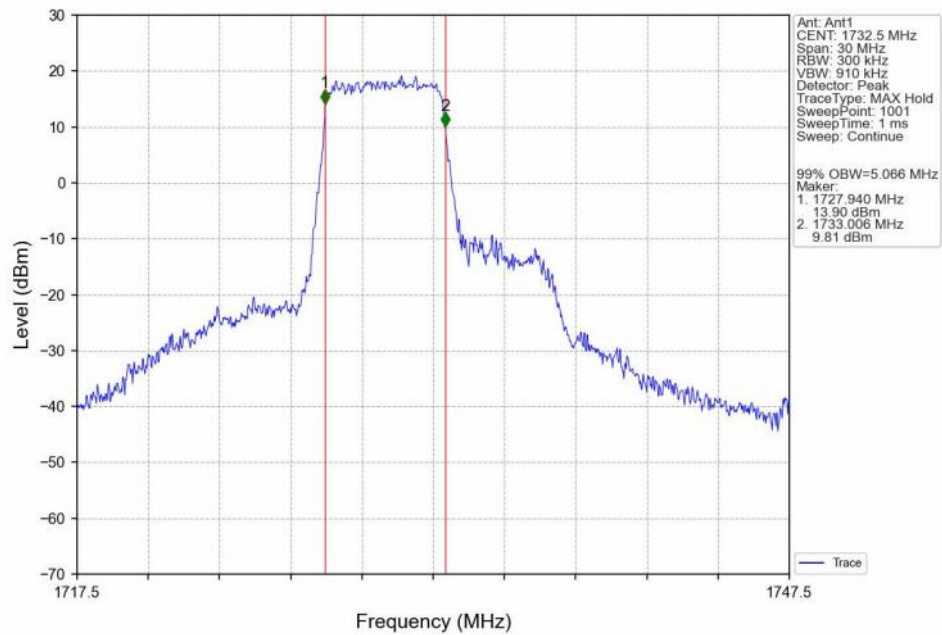
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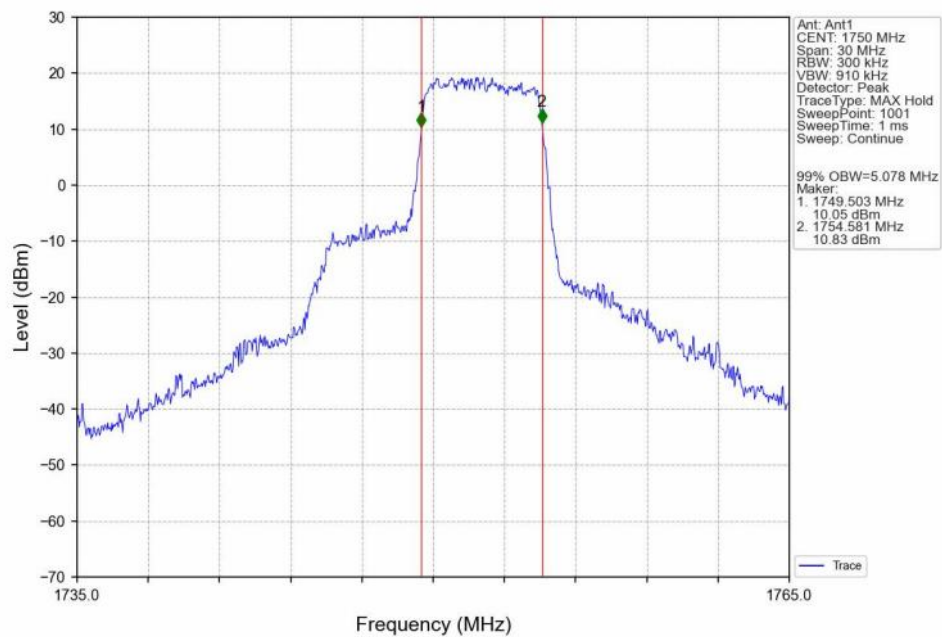
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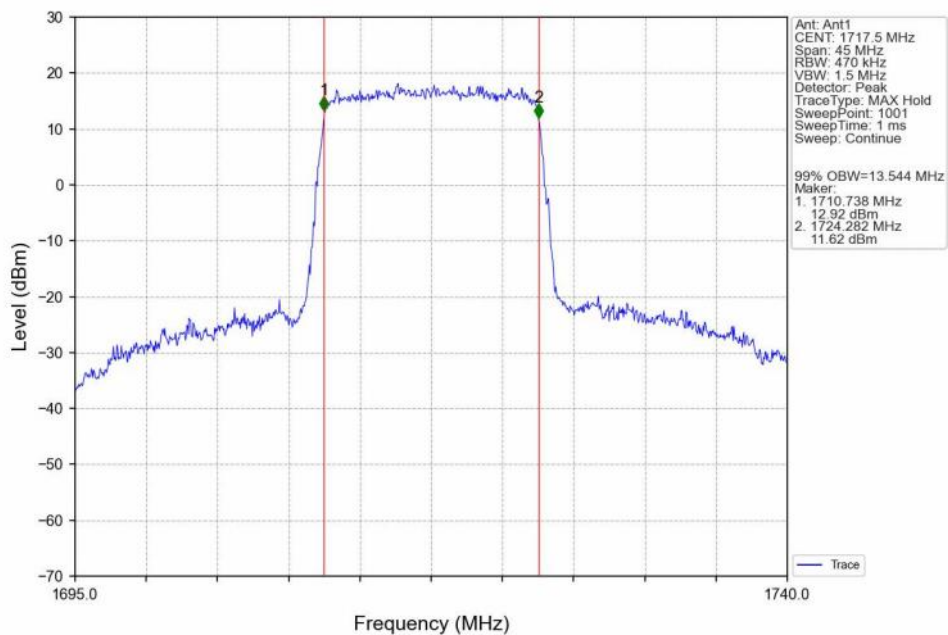
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



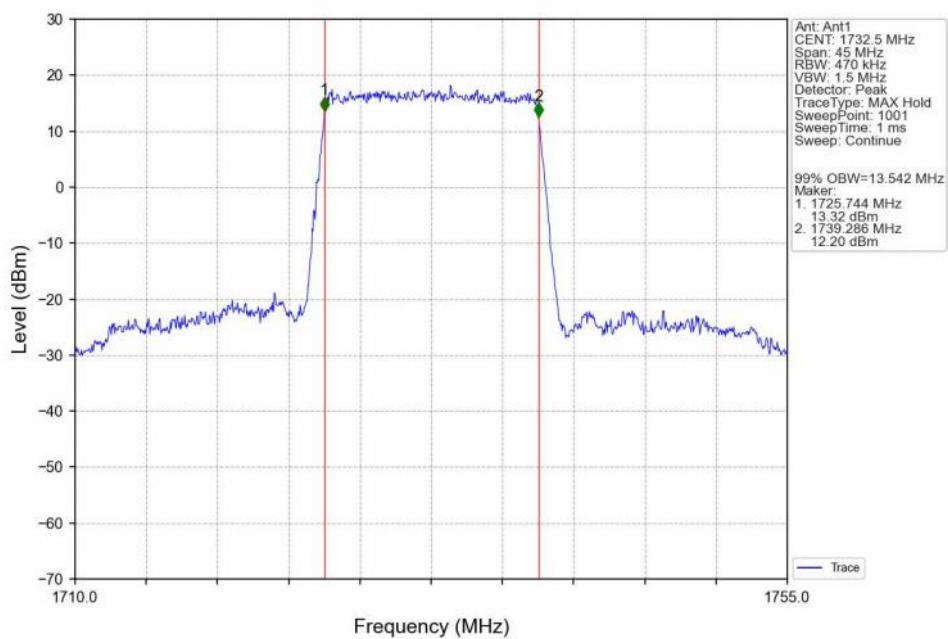
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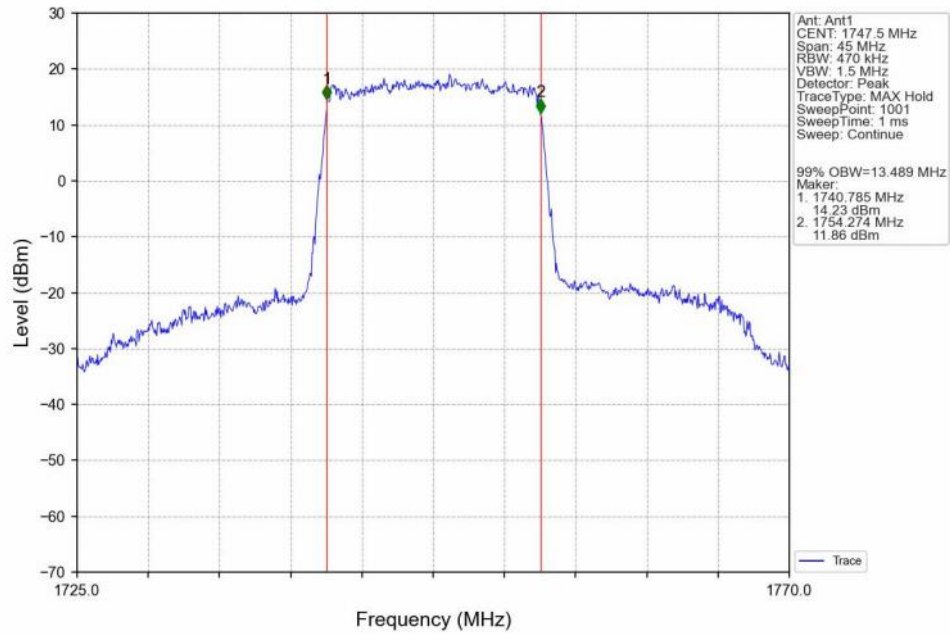
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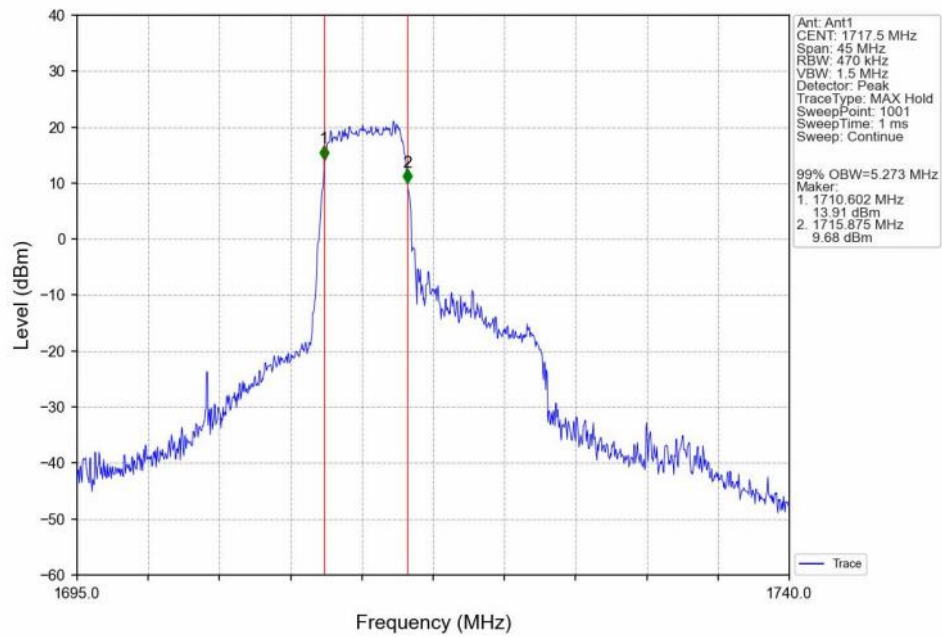
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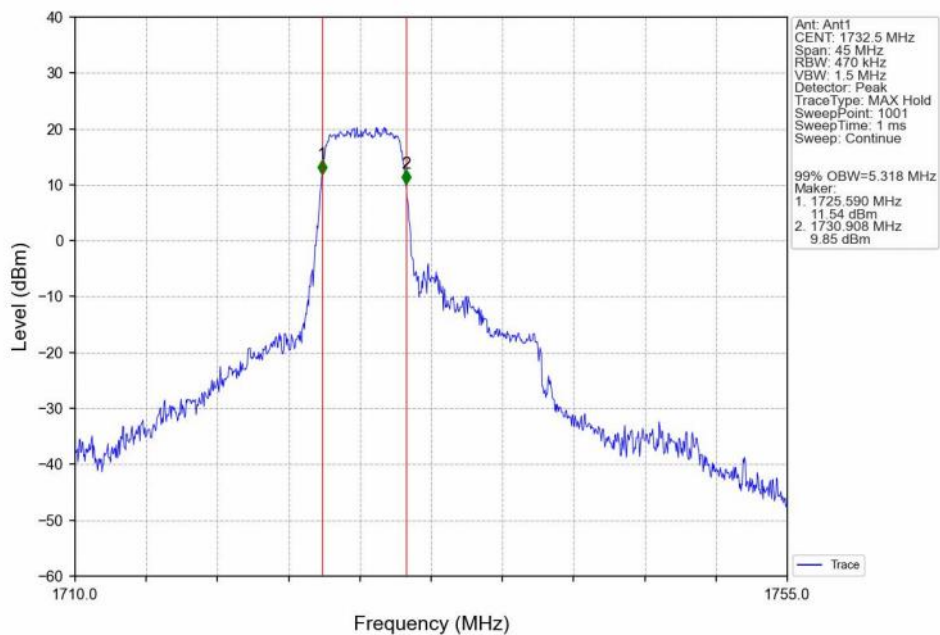
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



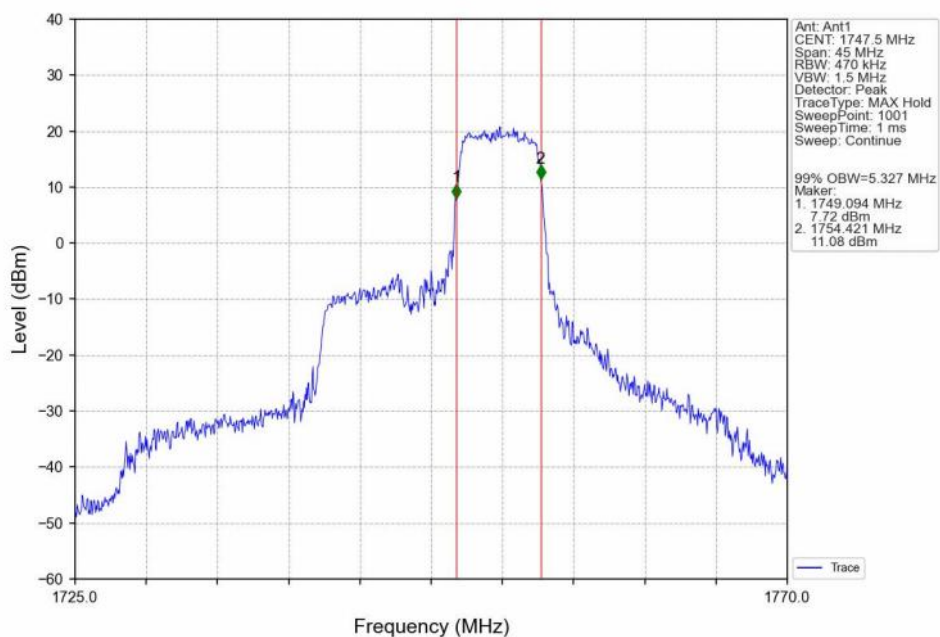
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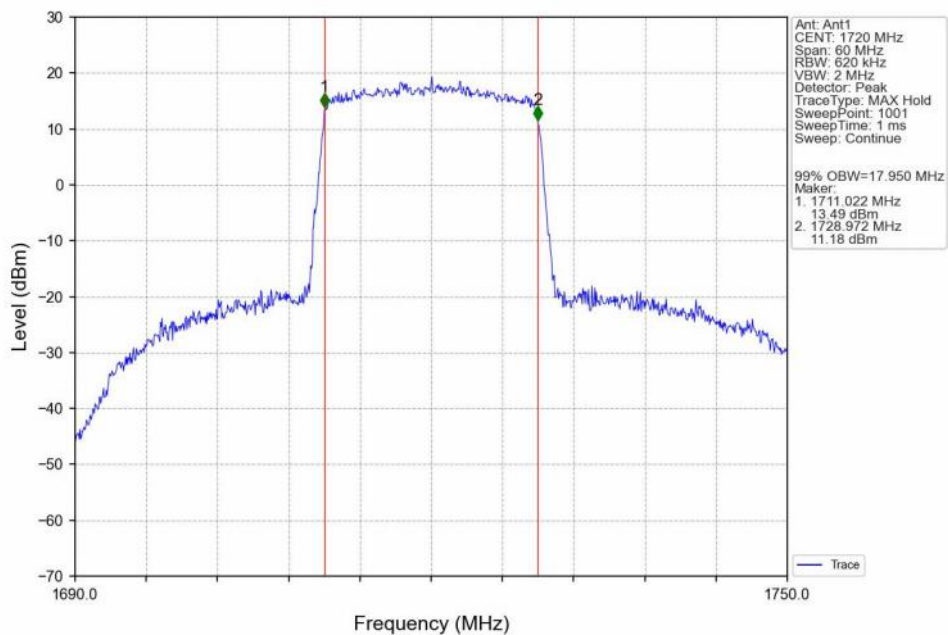
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



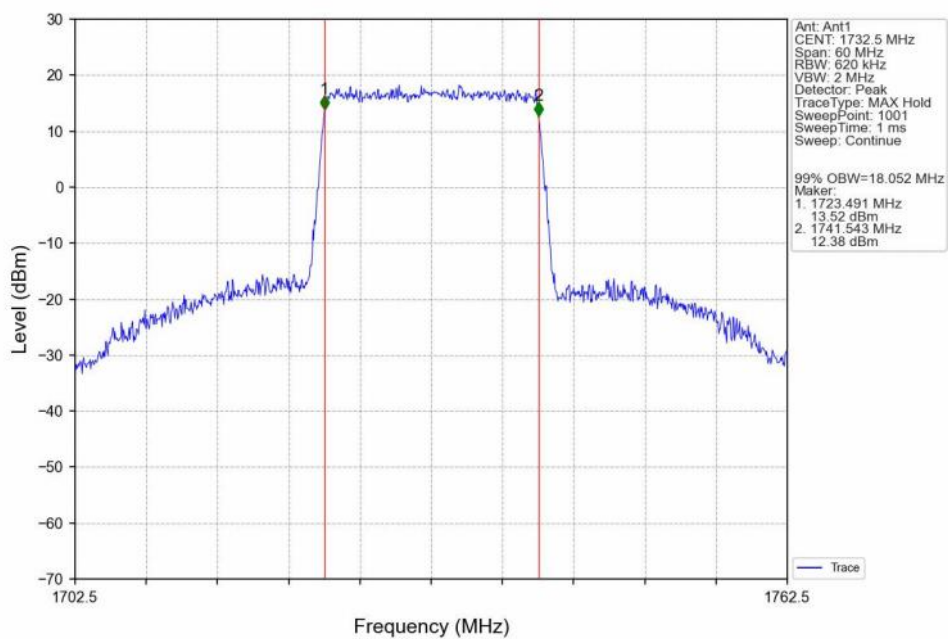
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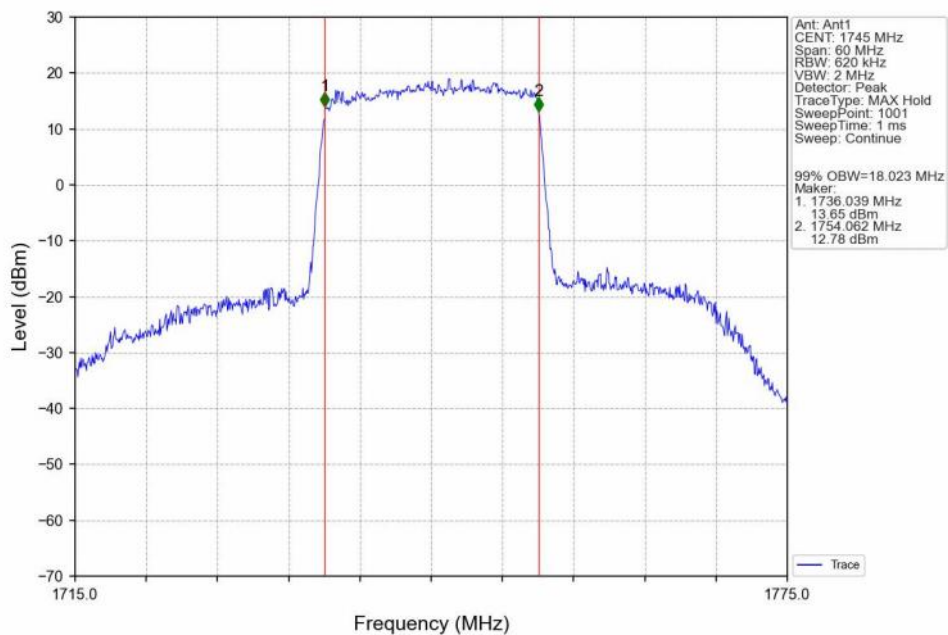
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



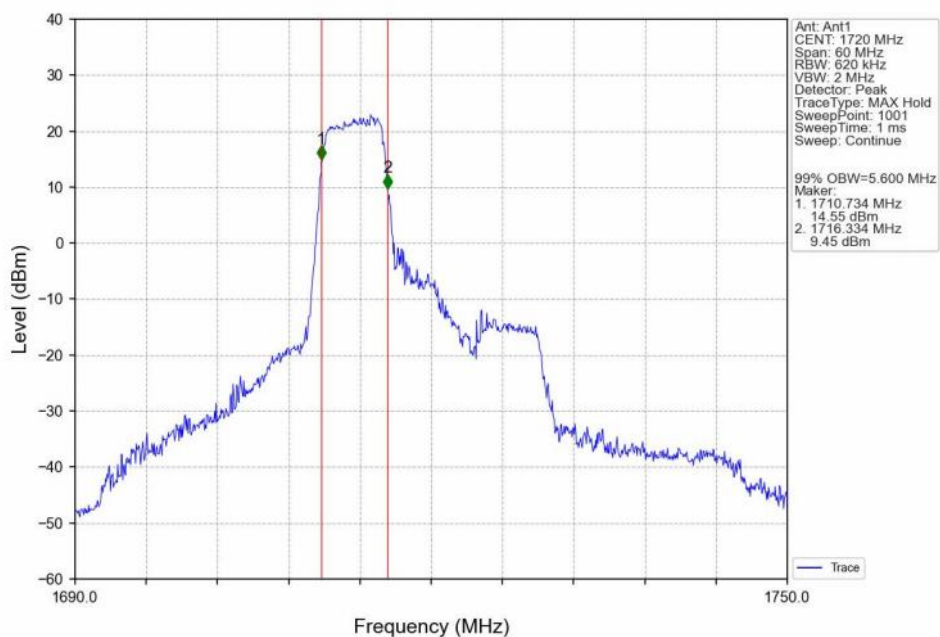
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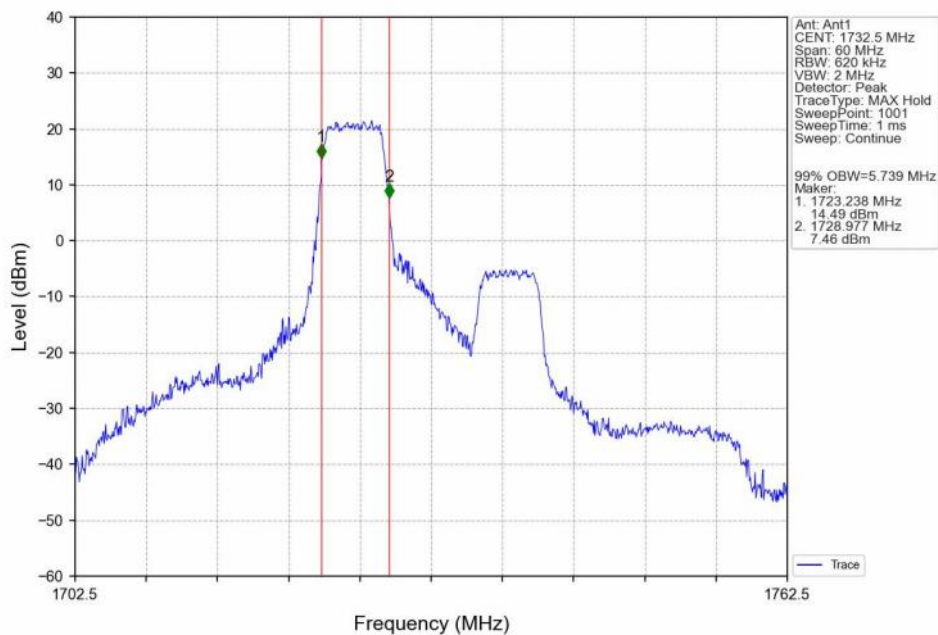
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



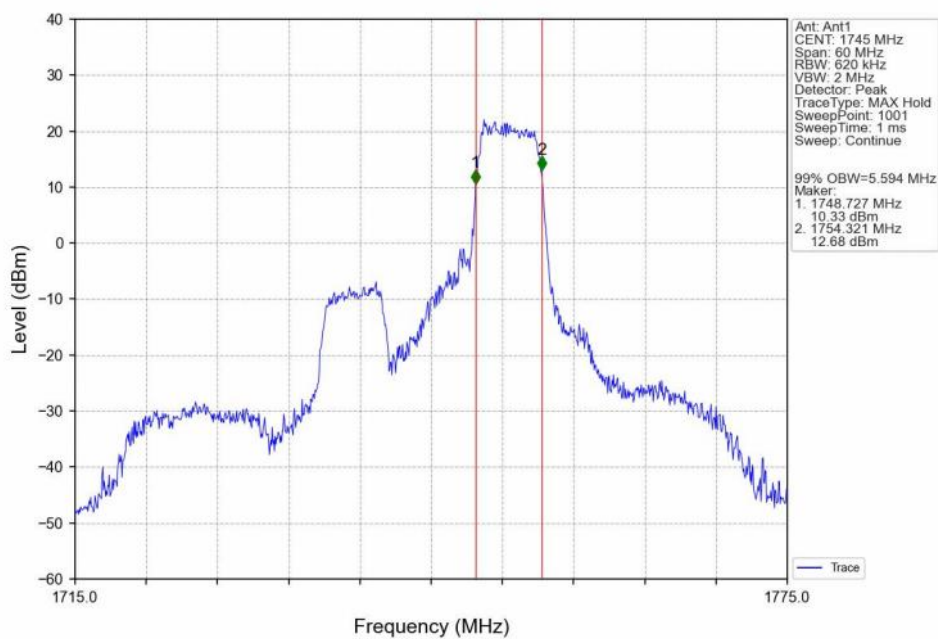
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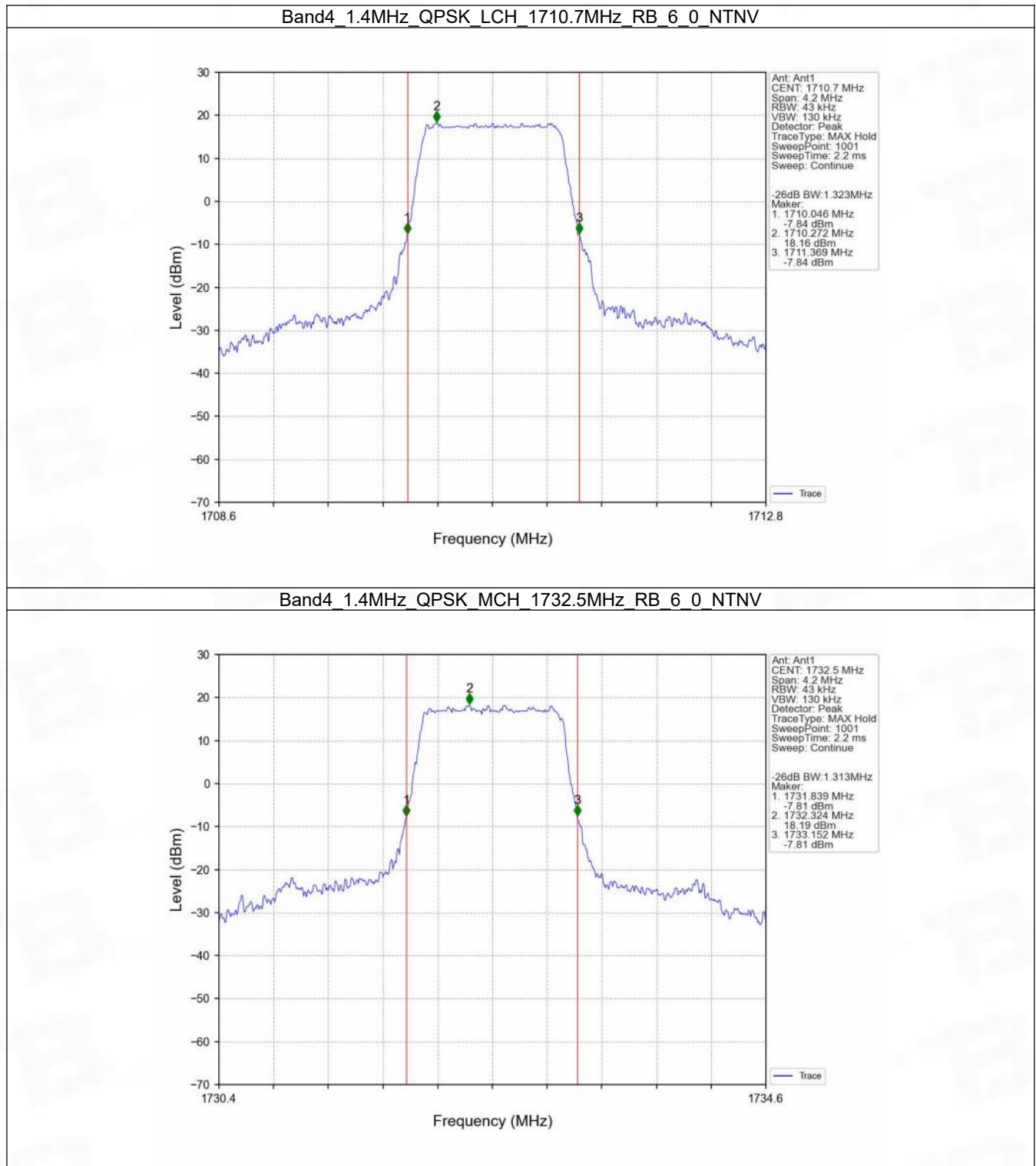
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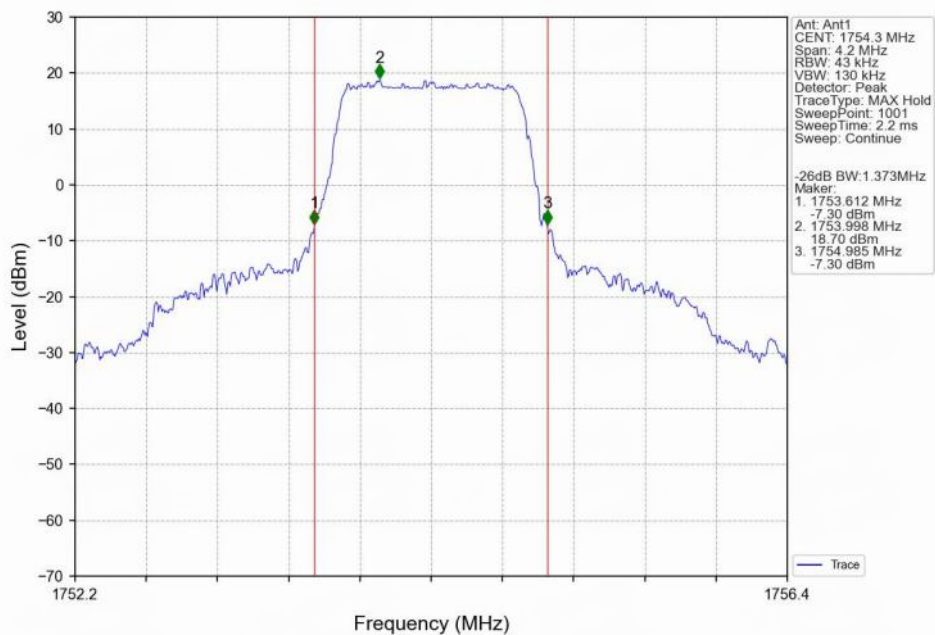
Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



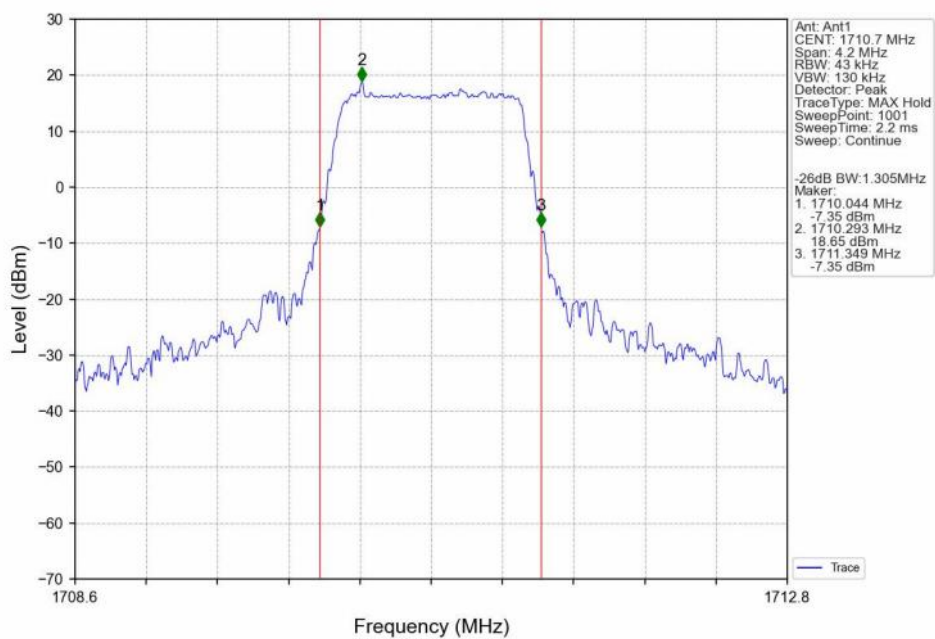
4.2.2 Band4_XDB



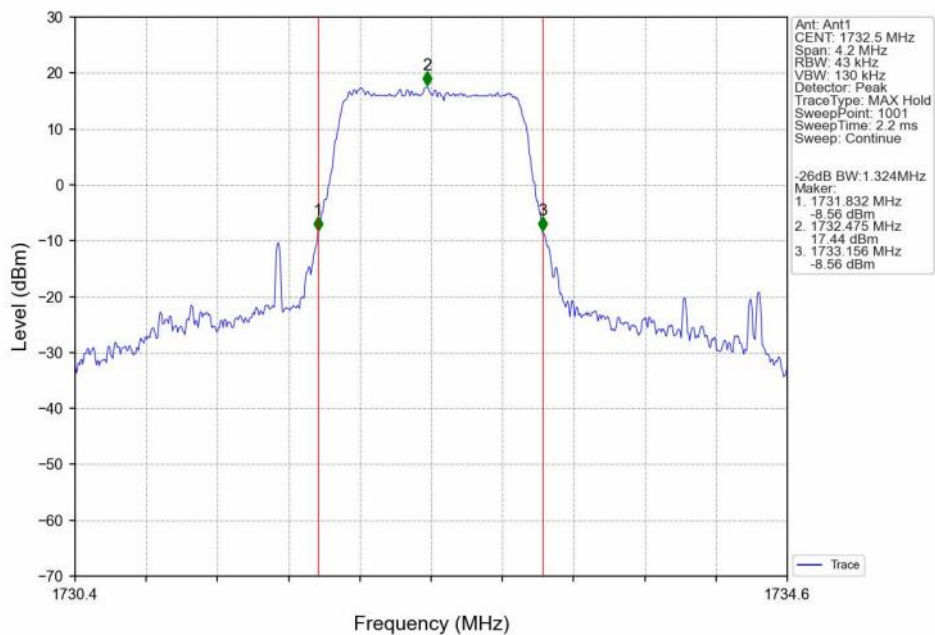
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



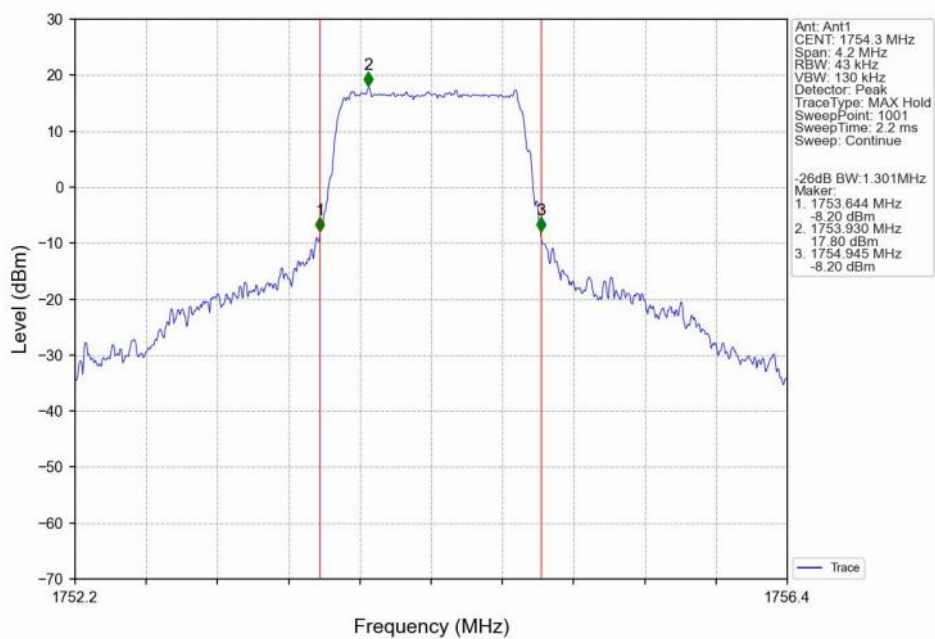
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



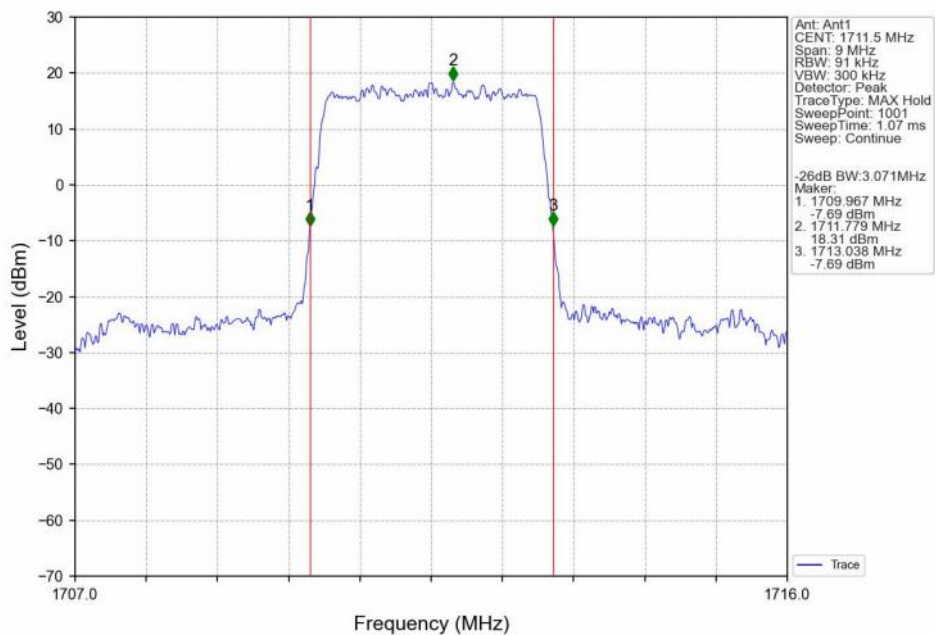
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



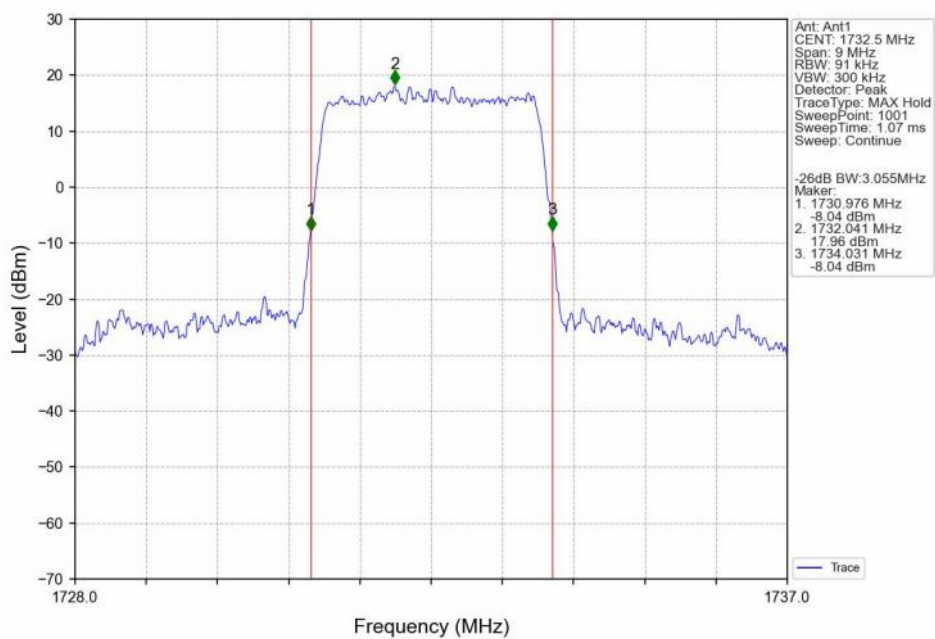
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



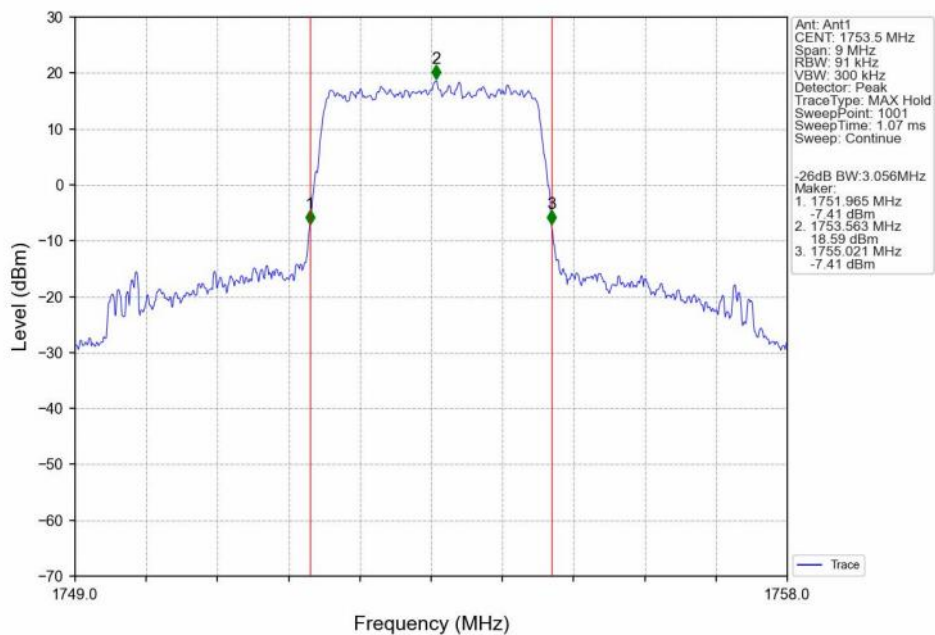
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



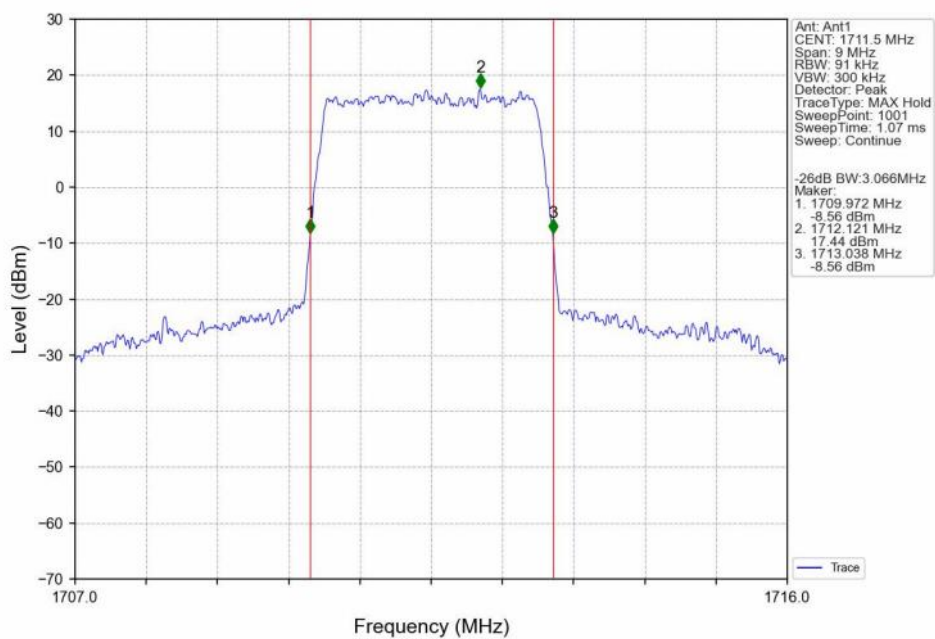
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



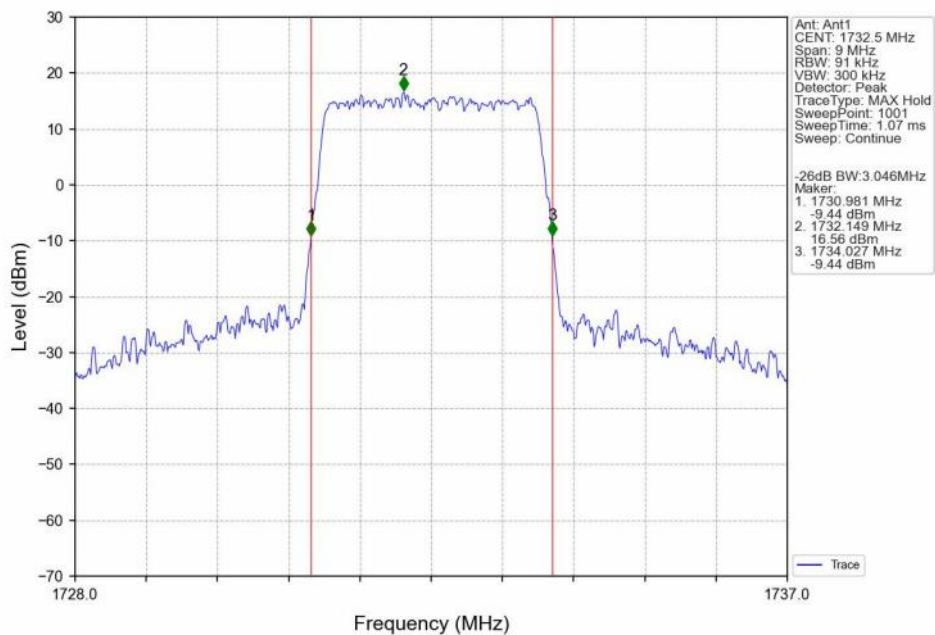
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



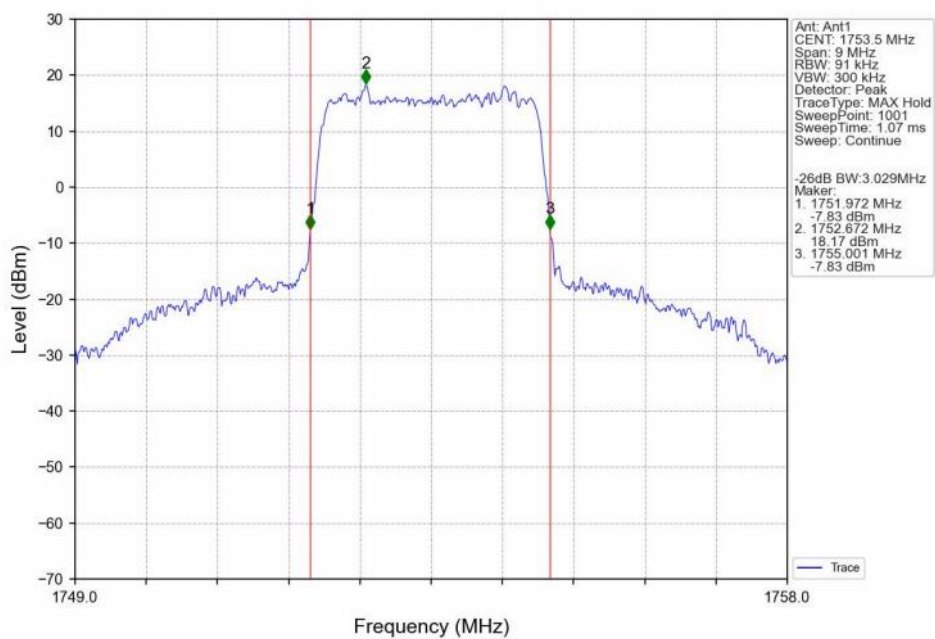
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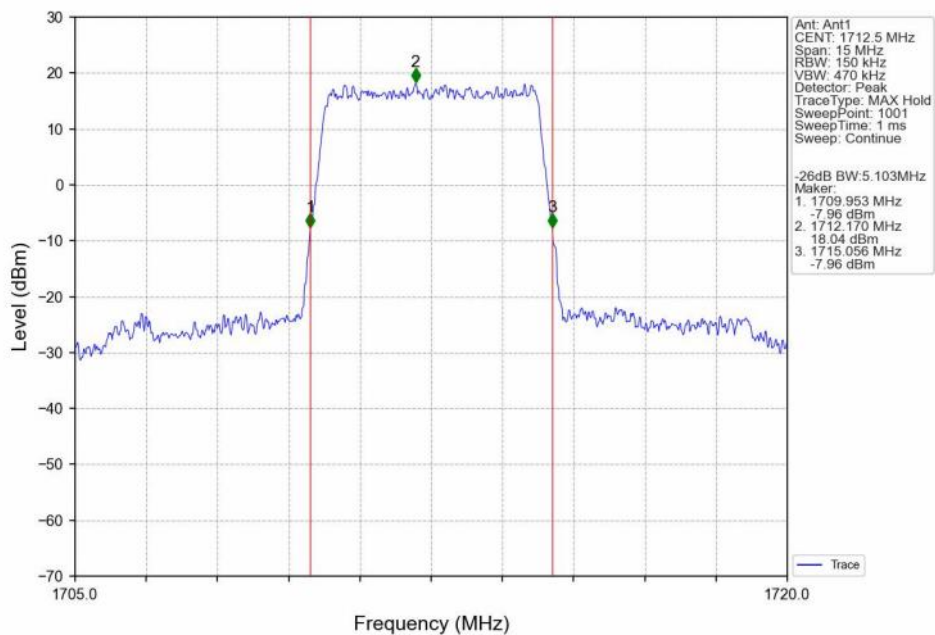
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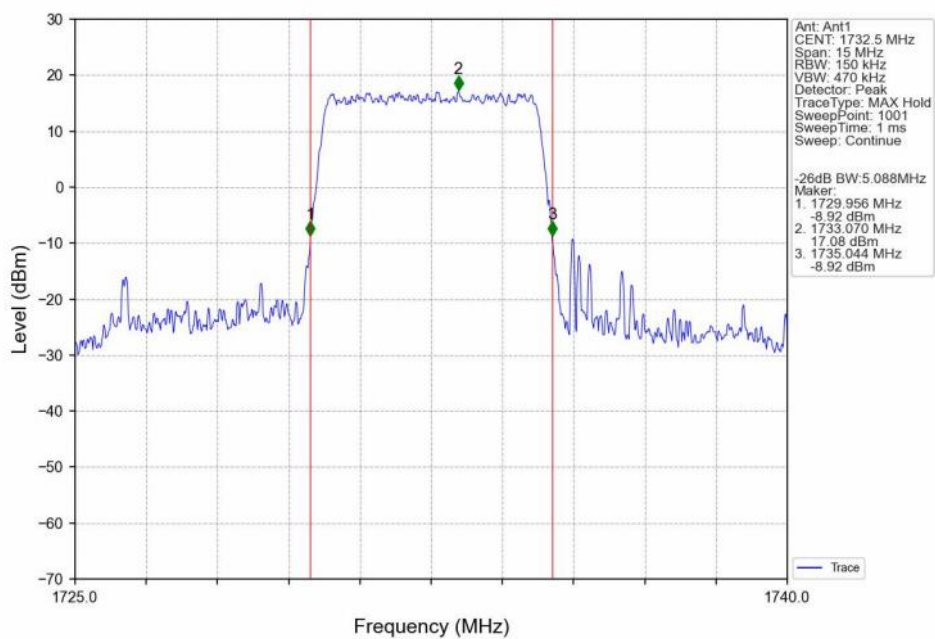
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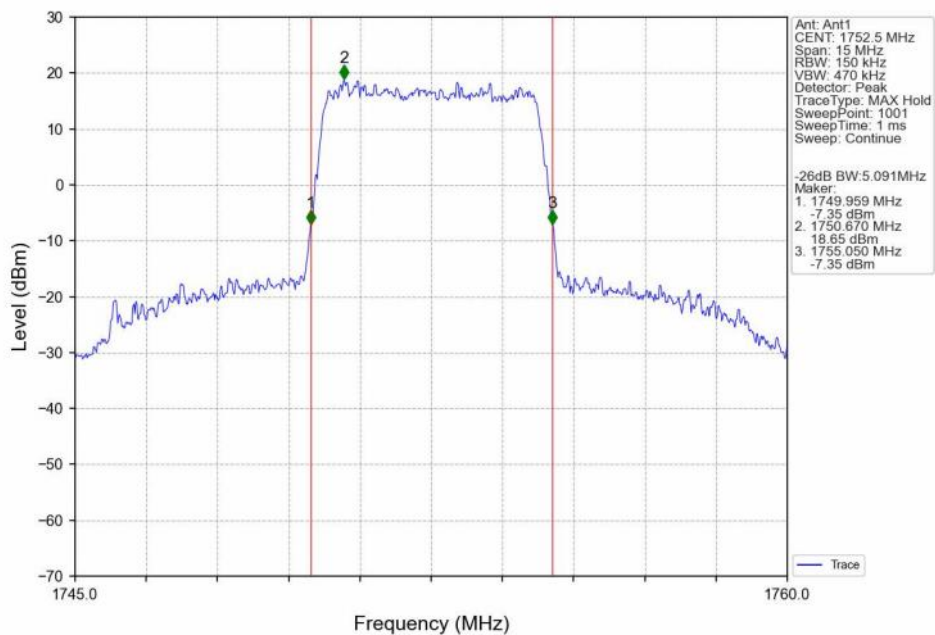
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



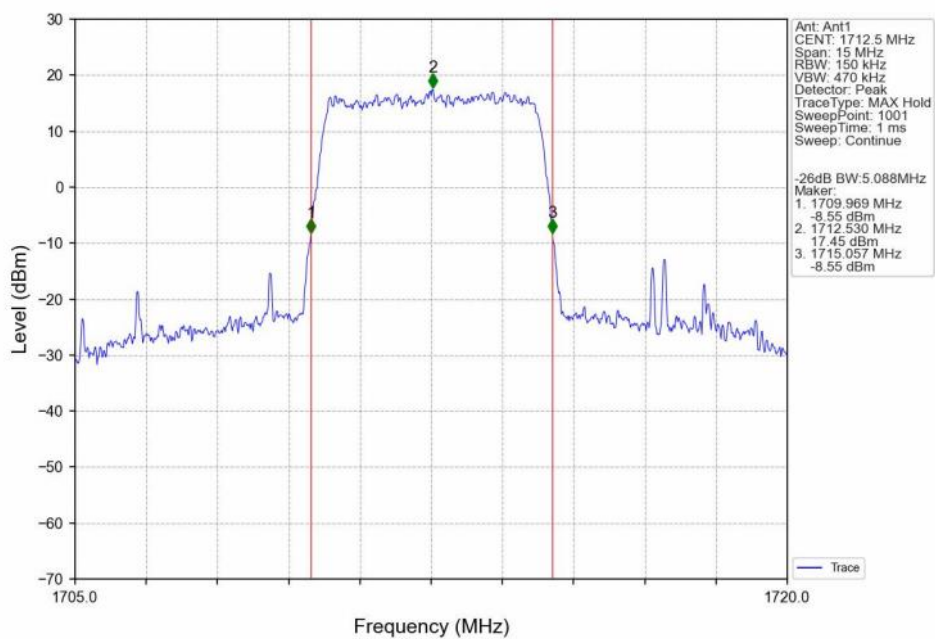
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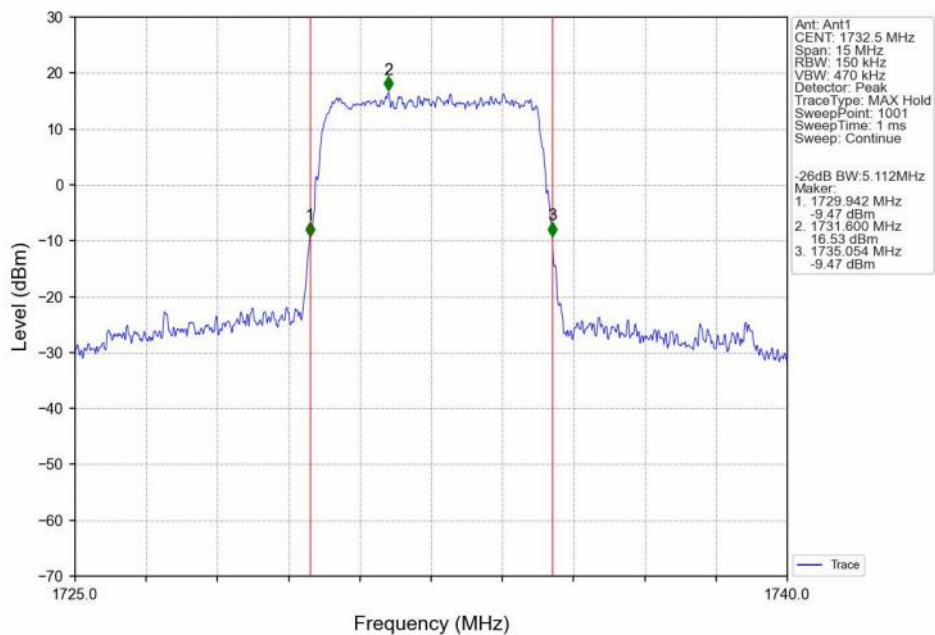
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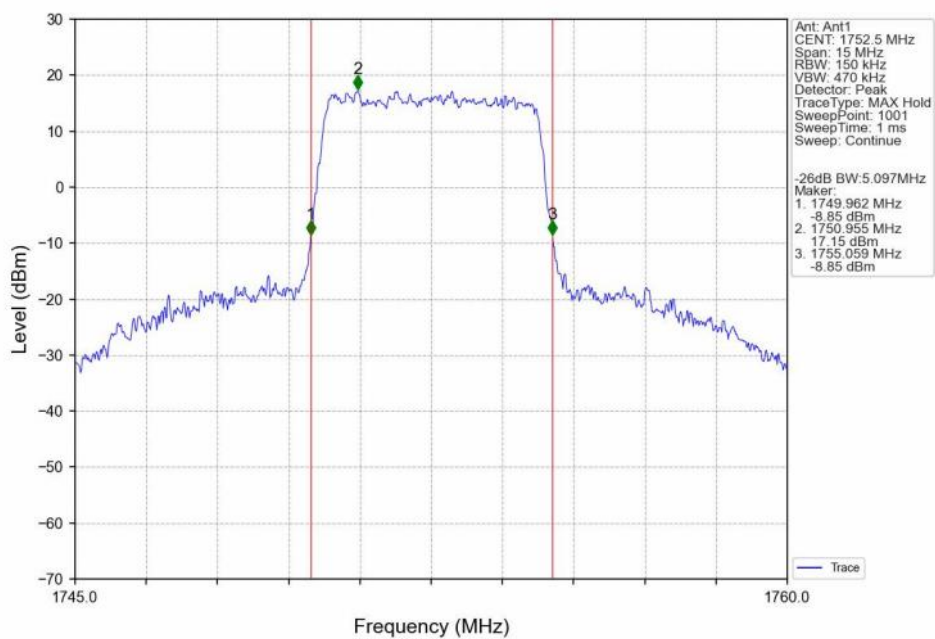
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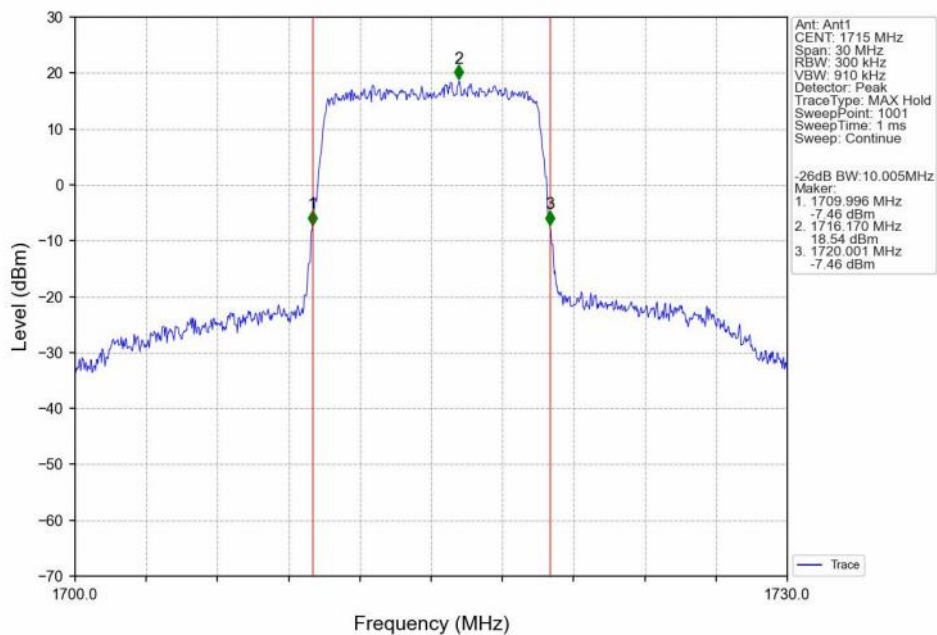
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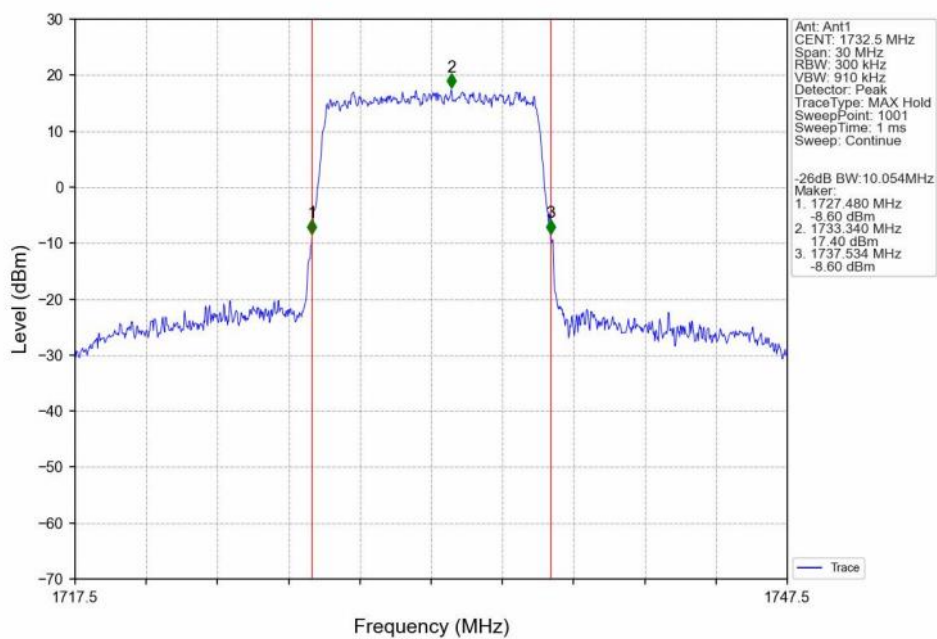
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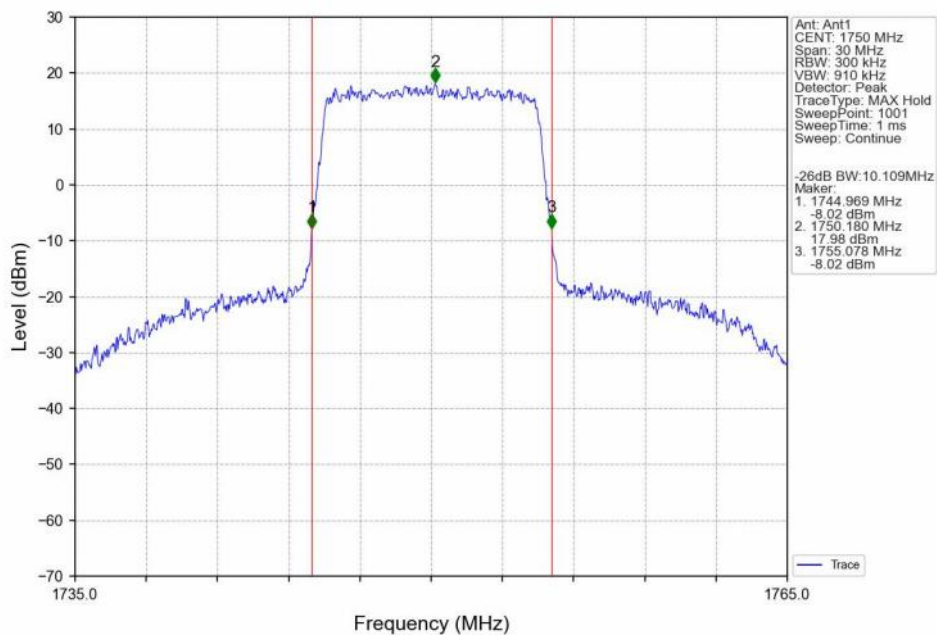
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



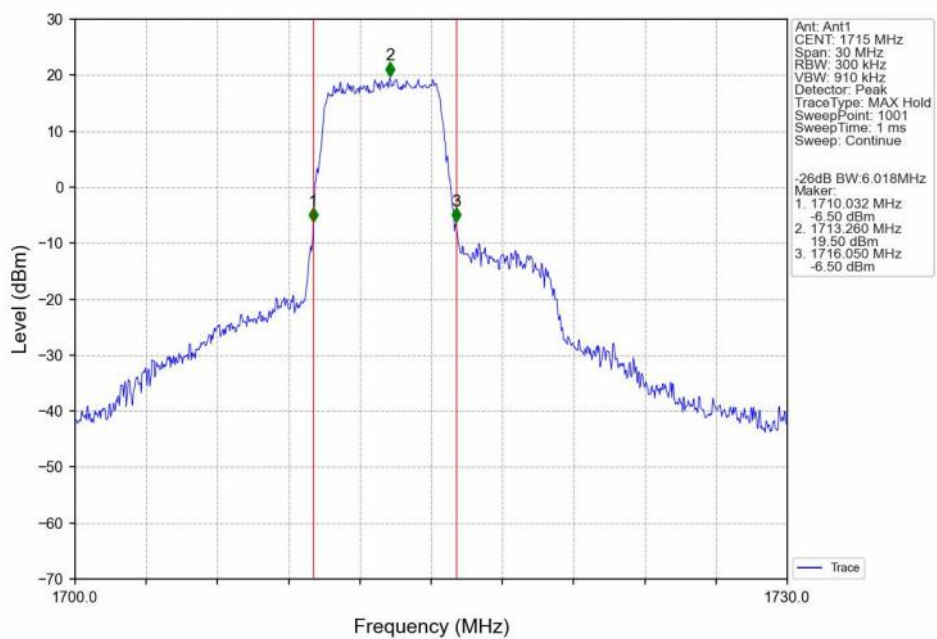
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



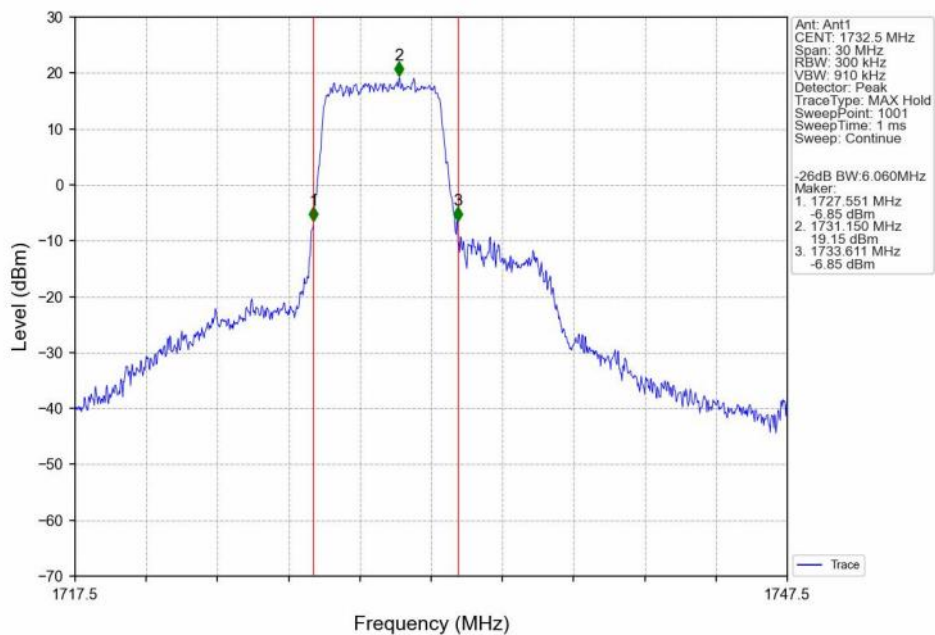
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



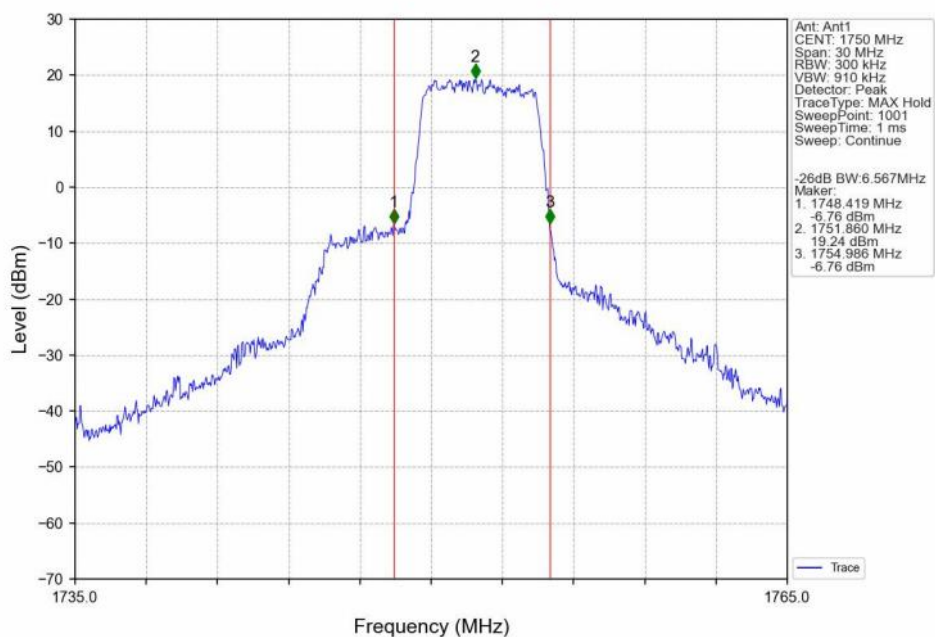
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



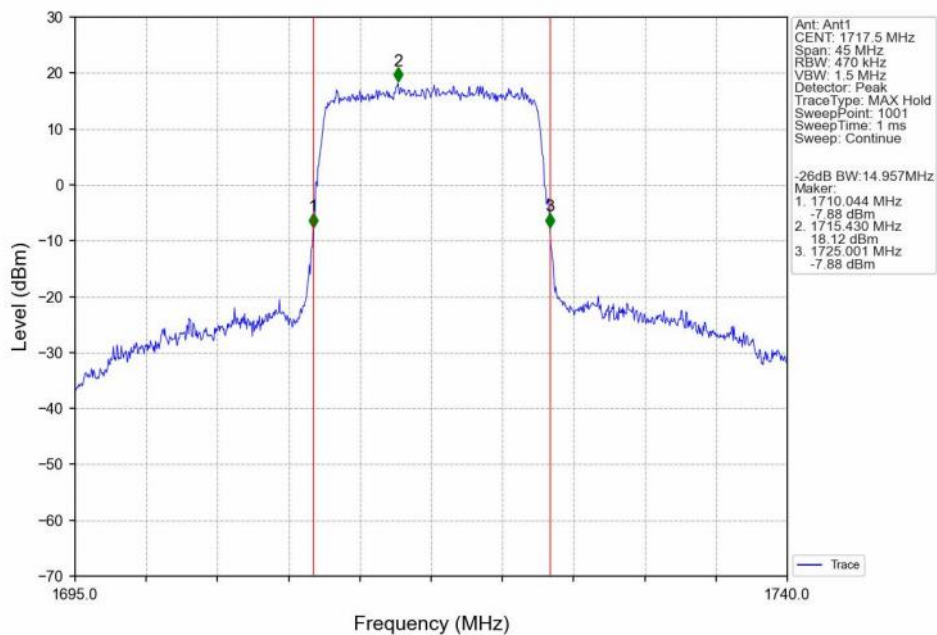
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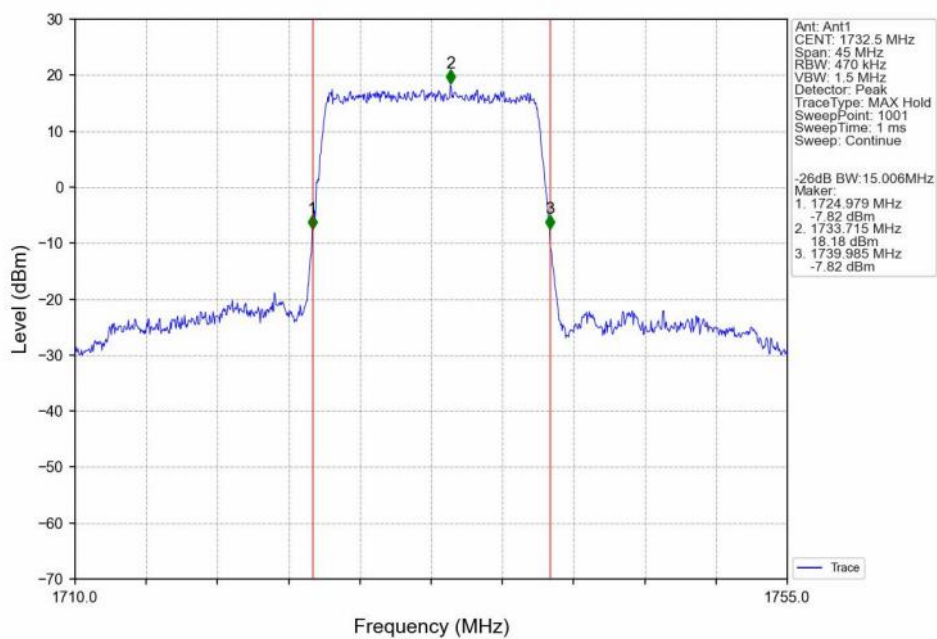
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



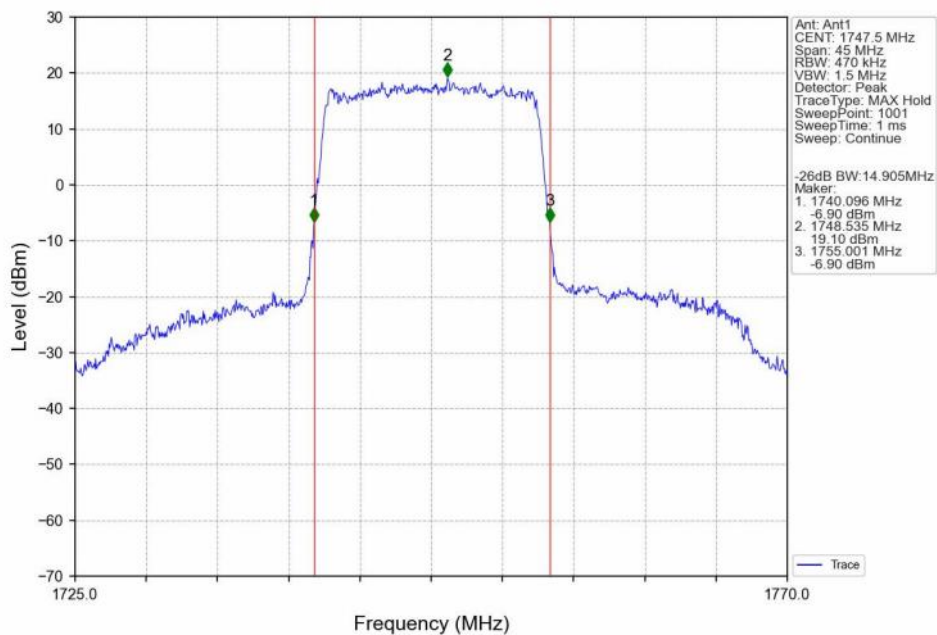
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



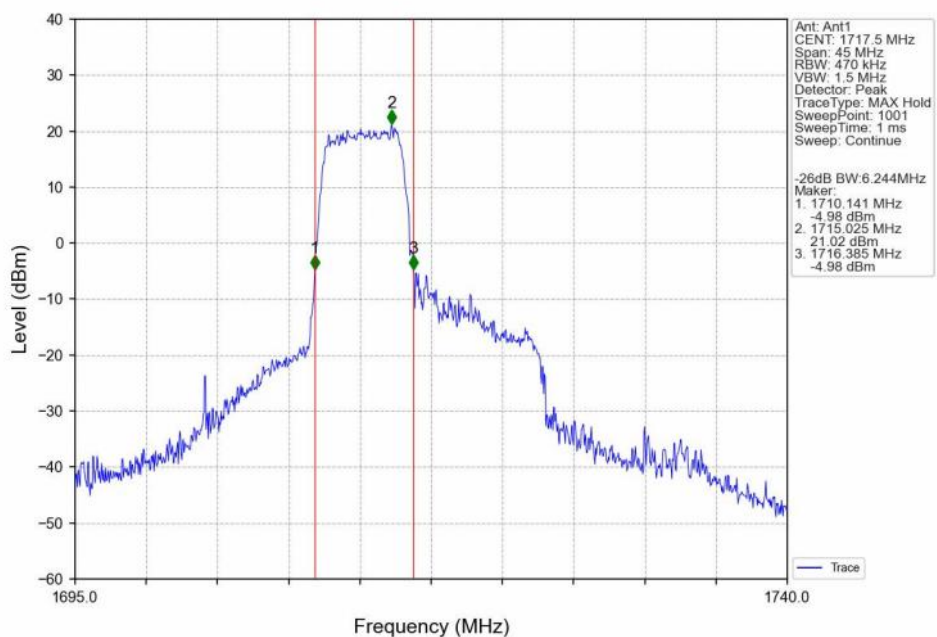
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



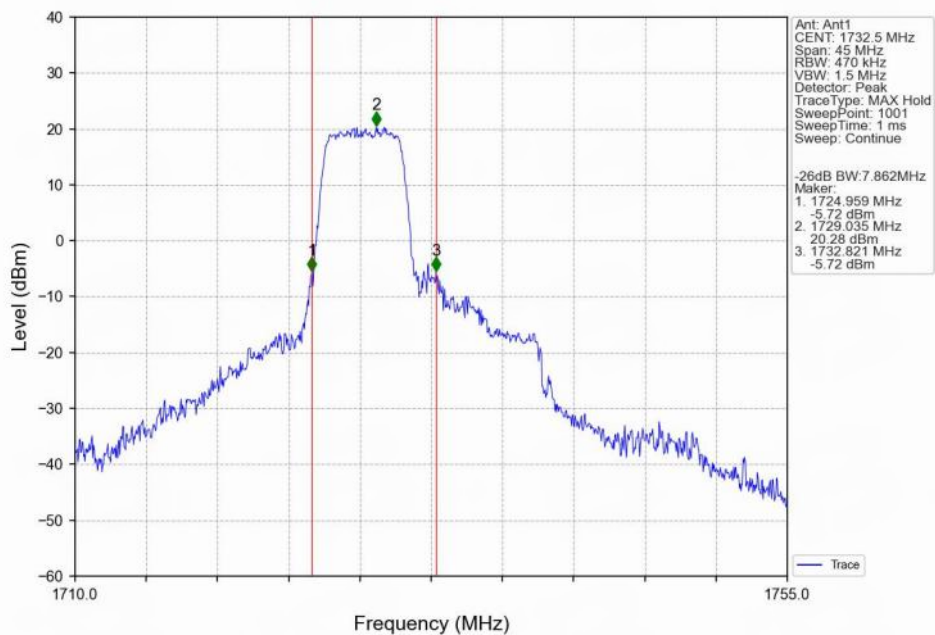
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



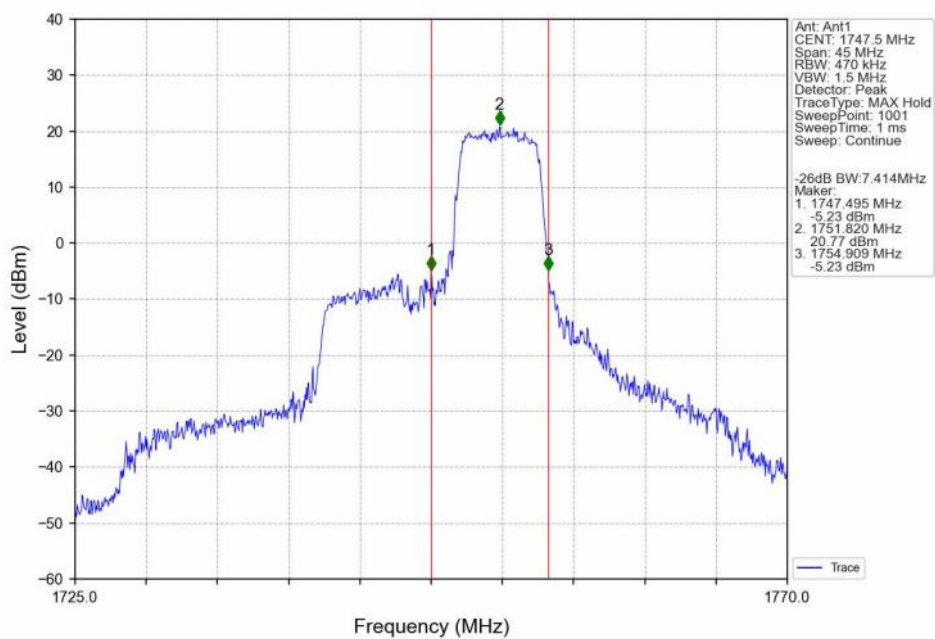
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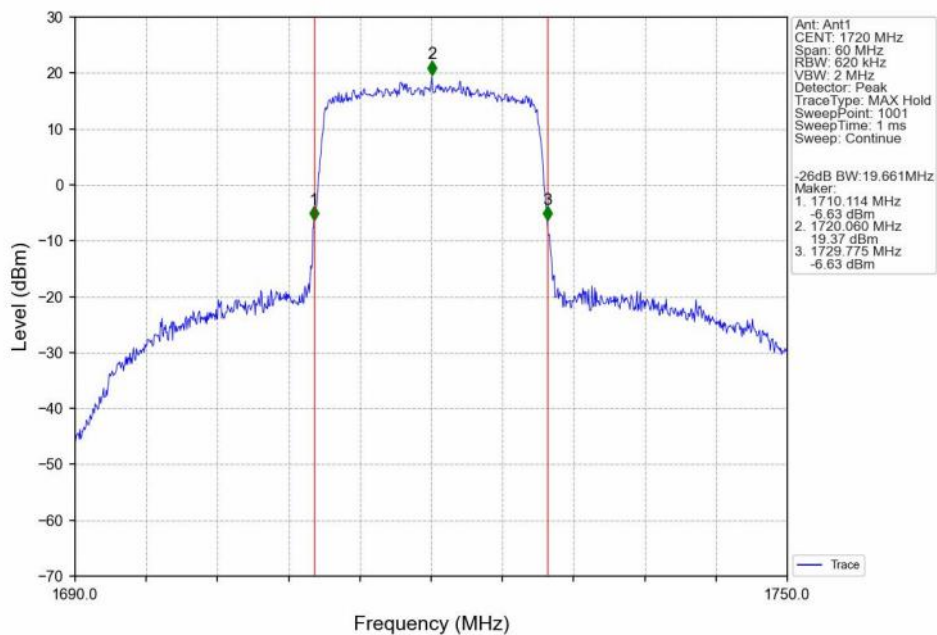
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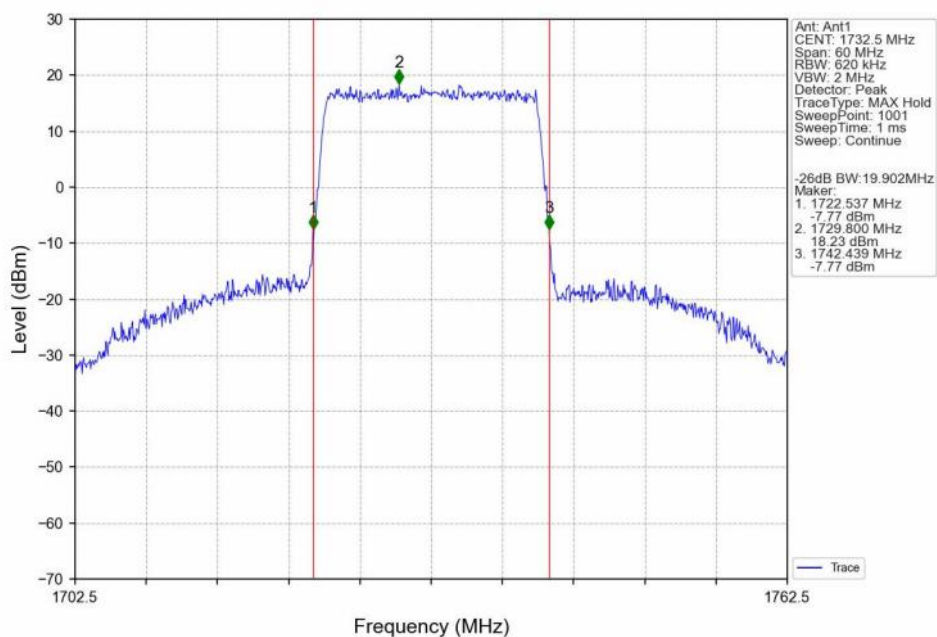
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



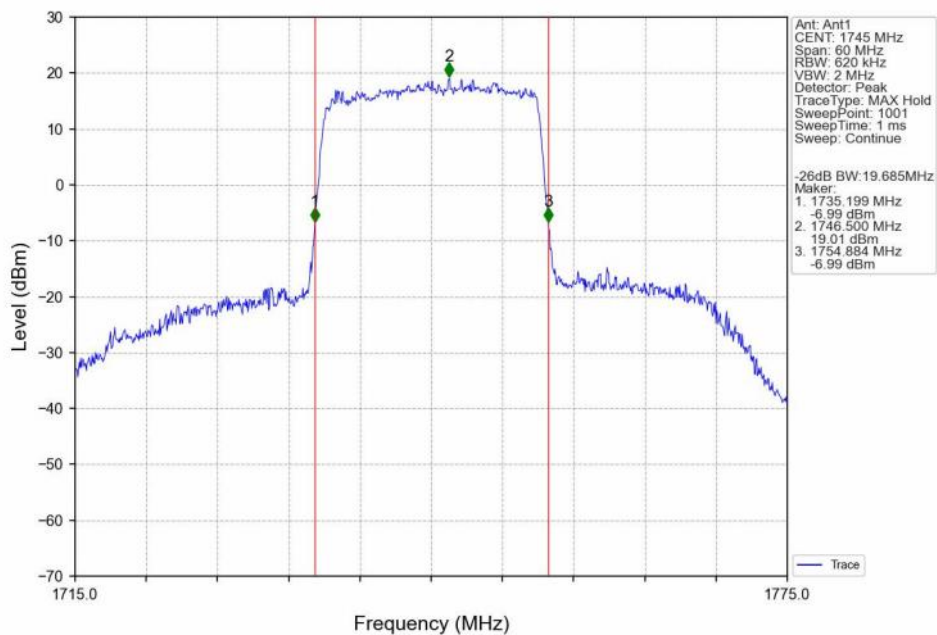
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



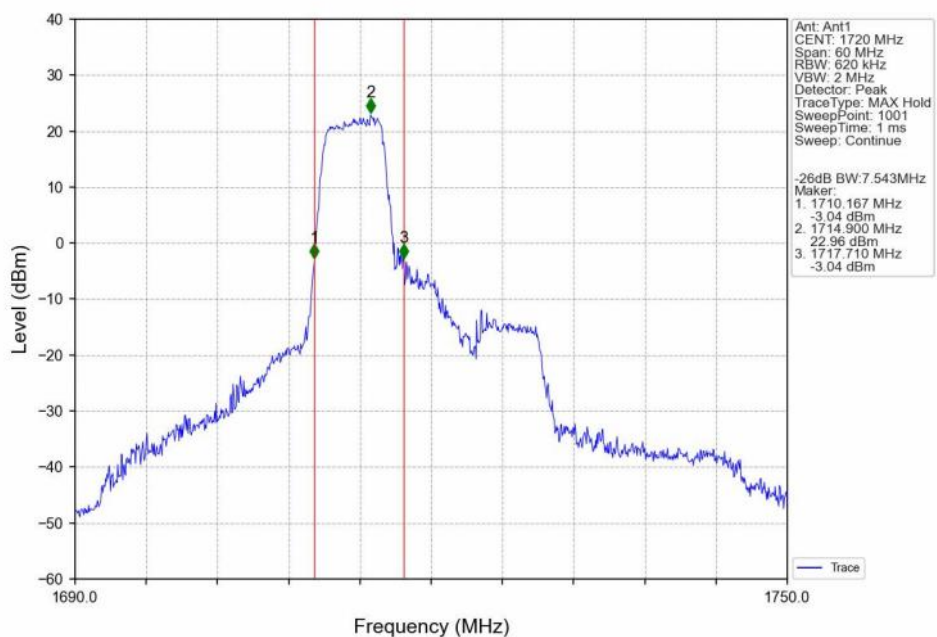
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



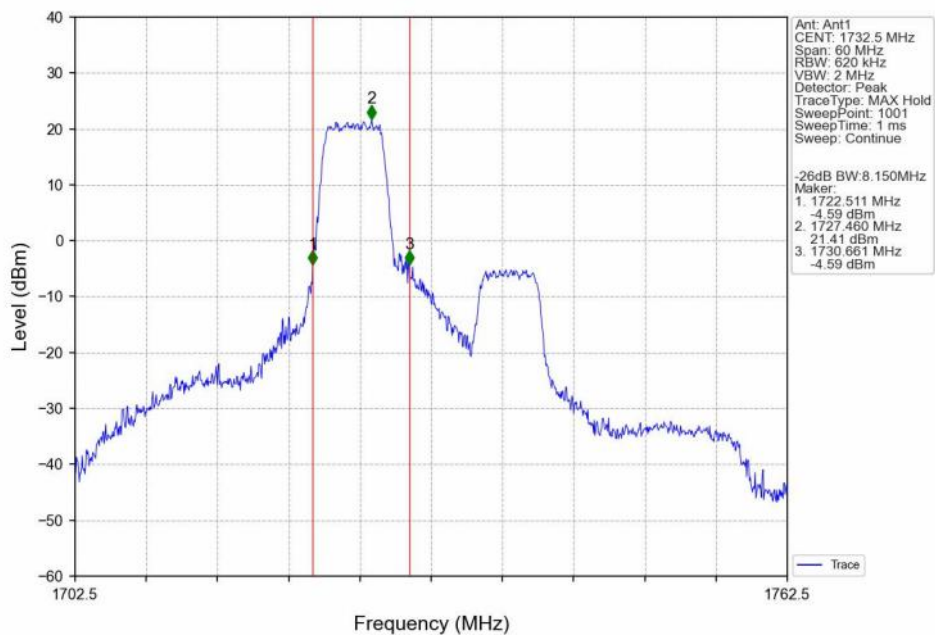
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



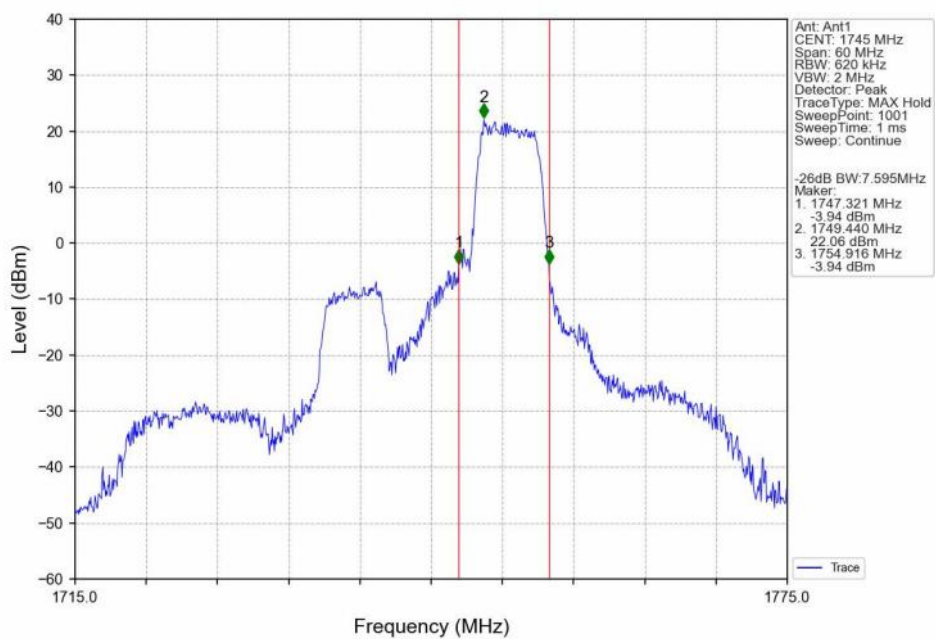
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



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	4.91	<=13	Pass
	1732.5	6	0	4.76	<=13	Pass
	1754.3	6	0	3.95	<=13	Pass
16QAM	1710.7	6	0	5.95	<=13	Pass
	1732.5	6	0	5.70	<=13	Pass
	1754.3	6	0	4.71	<=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	5.00	<=13	Pass
	1732.5	15	0	4.88	<=13	Pass
	1753.5	15	0	4.15	<=13	Pass
16QAM	1711.5	15	0	5.93	<=13	Pass
	1732.5	15	0	5.76	<=13	Pass
	1753.5	15	0	4.96	<=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	5.07	<=13	Pass
	1732.5	25	0	5.07	<=13	Pass
	1752.5	25	0	4.57	<=13	Pass
16QAM	1712.5	25	0	5.95	<=13	Pass
	1732.5	25	0	5.88	<=13	Pass
	1752.5	25	0	5.31	<=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	4.92	<=13	Pass
	1732.5	50	0	5.02	<=13	Pass
	1750	50	0	4.64	<=13	Pass
16QAM	1715	27	0	5.66	<=13	Pass
	1732.5	27	0	5.56	<=13	Pass

	1750	27	23	5.12	<=13	Pass
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5.1.5 B4_15MHz

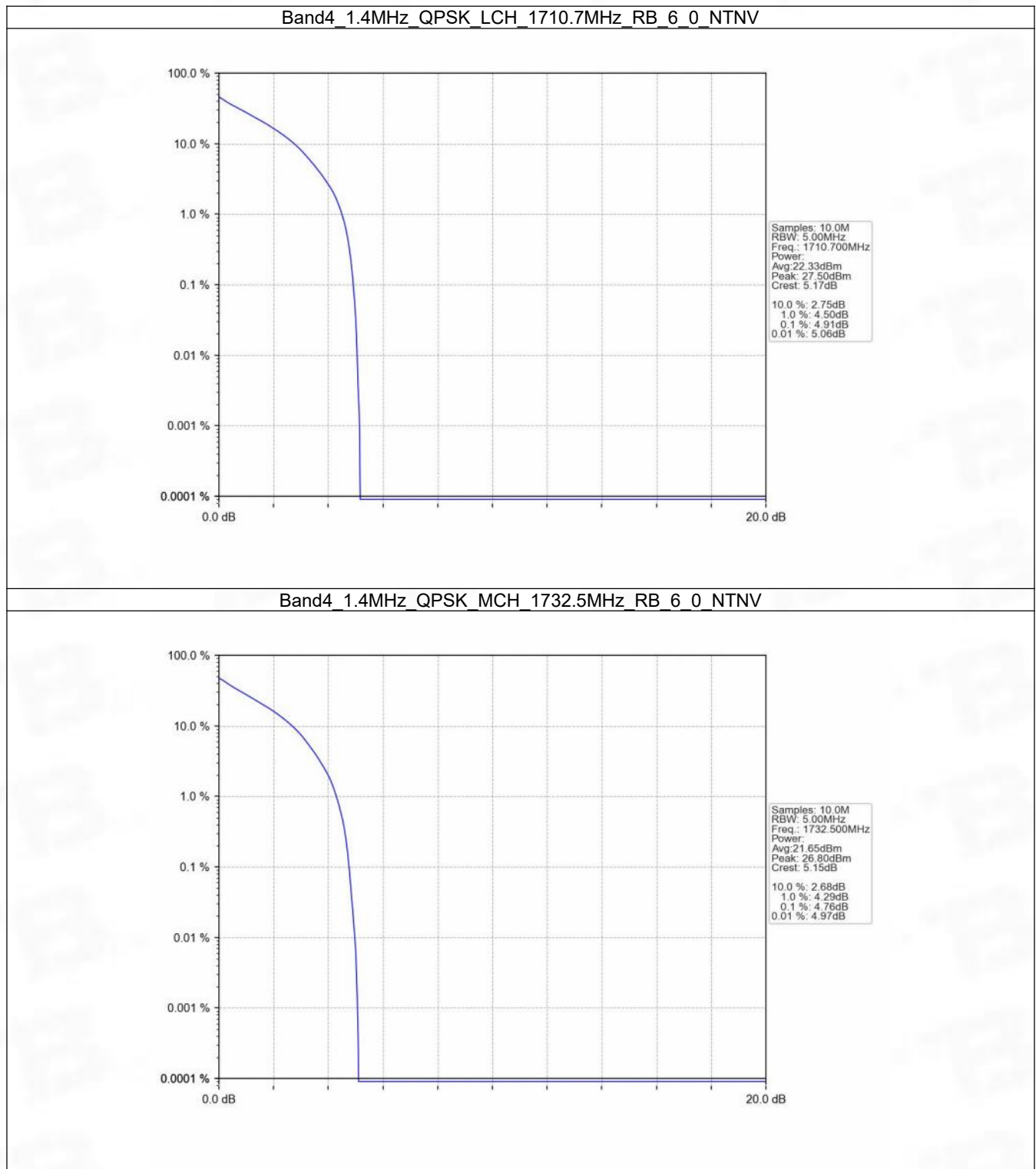
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.88	<=13	Pass
	1732.5	75	0	5.01	<=13	Pass
	1747.5	75	0	4.62	<=13	Pass
16QAM	1717.5	27	0	5.52	<=13	Pass
	1732.5	27	0	5.25	<=13	Pass
	1747.5	27	48	4.88	<=13	Pass

5.1.6 B4_20MHz

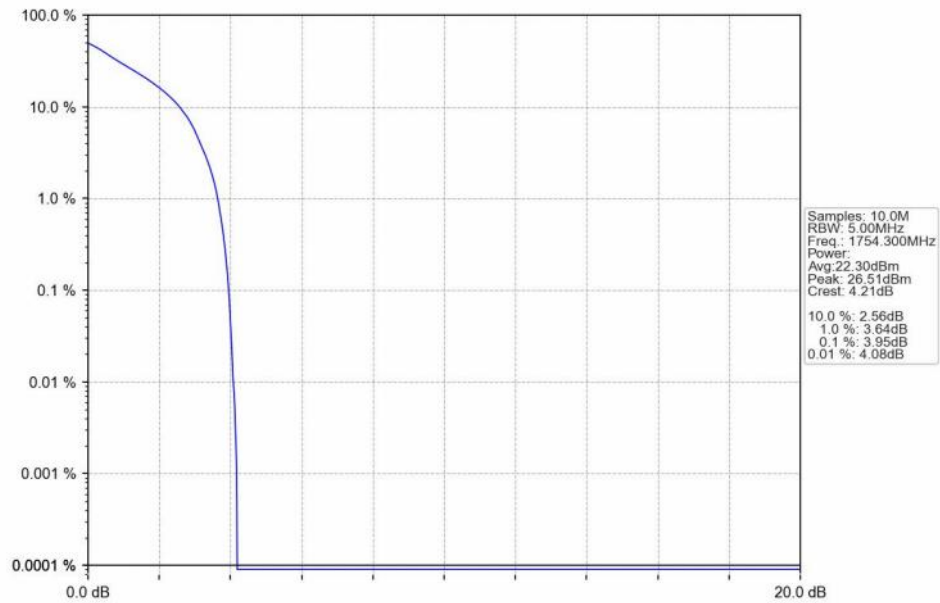
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.67	<=13	Pass
	1732.5	100	0	4.96	<=13	Pass
	1745	100	0	4.67	<=13	Pass
16QAM	1720	27	0	5.55	<=13	Pass
	1732.5	27	0	12.02	<=13	Pass
	1745	27	73	5.00	<=13	Pass

5.2 Test Graph

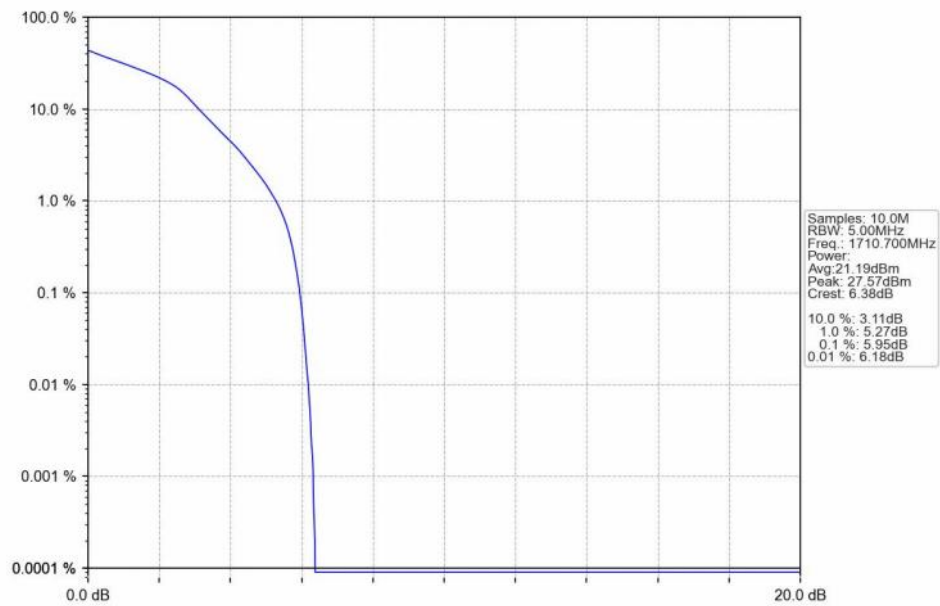
5.2.1 B4_1.4MHz



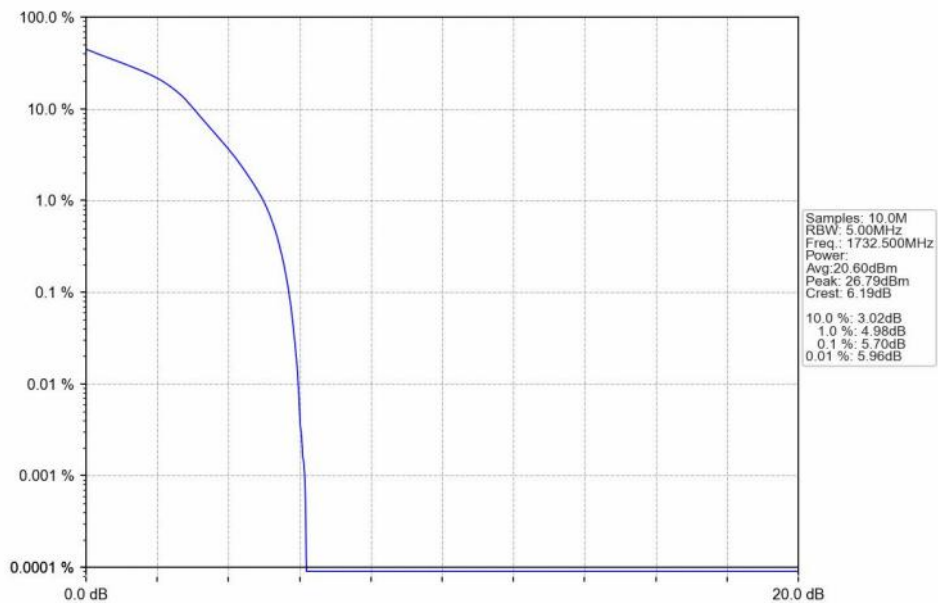
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



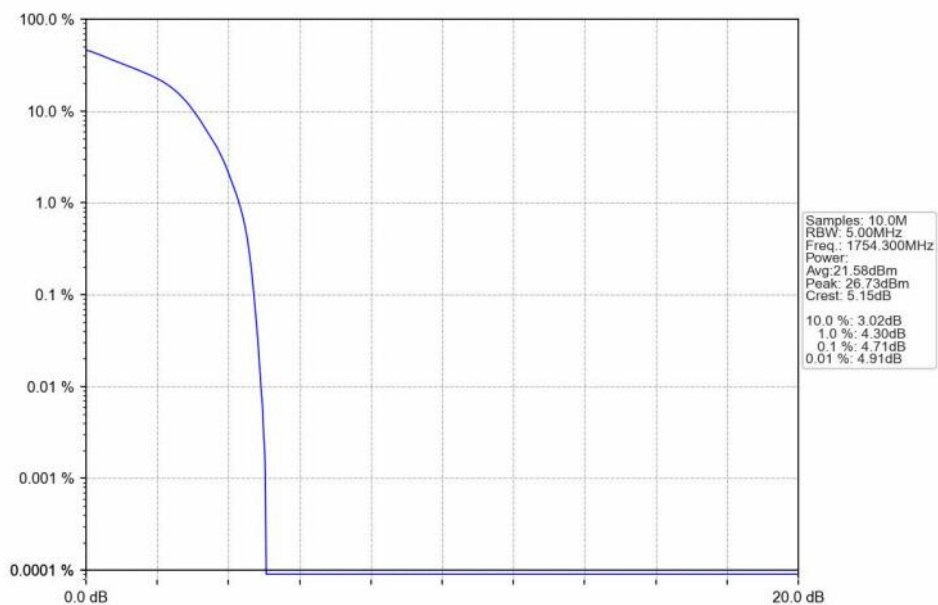
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



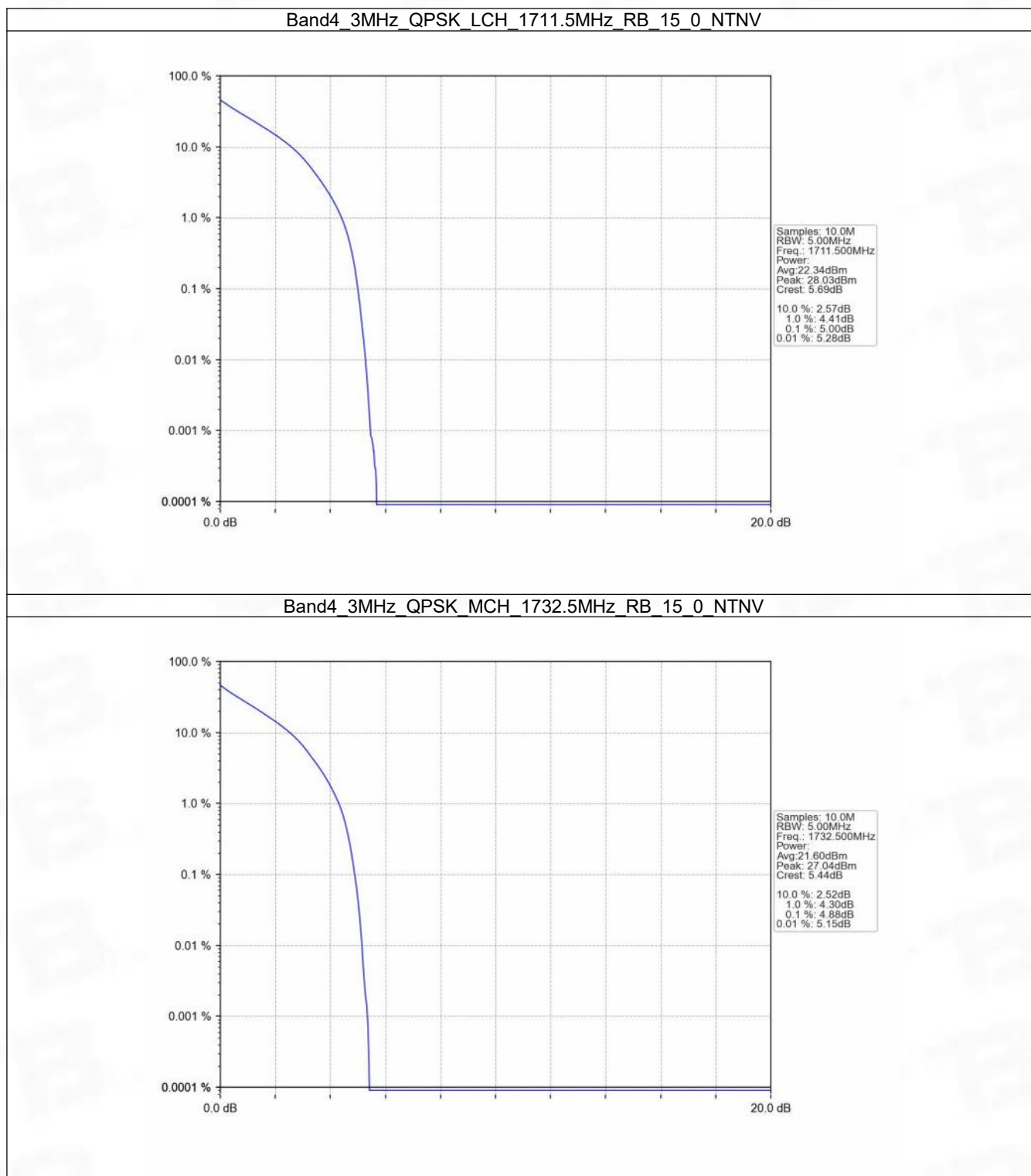
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



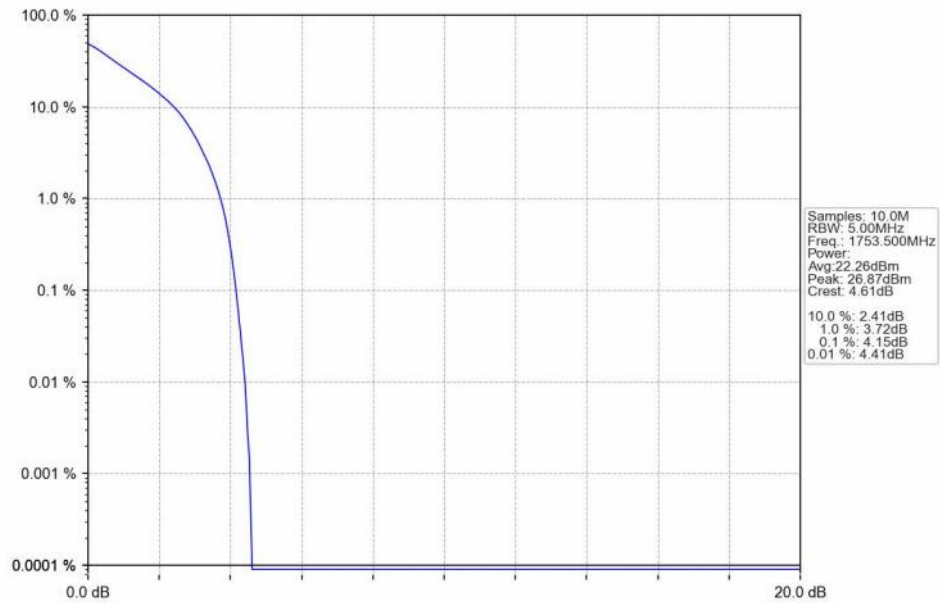
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



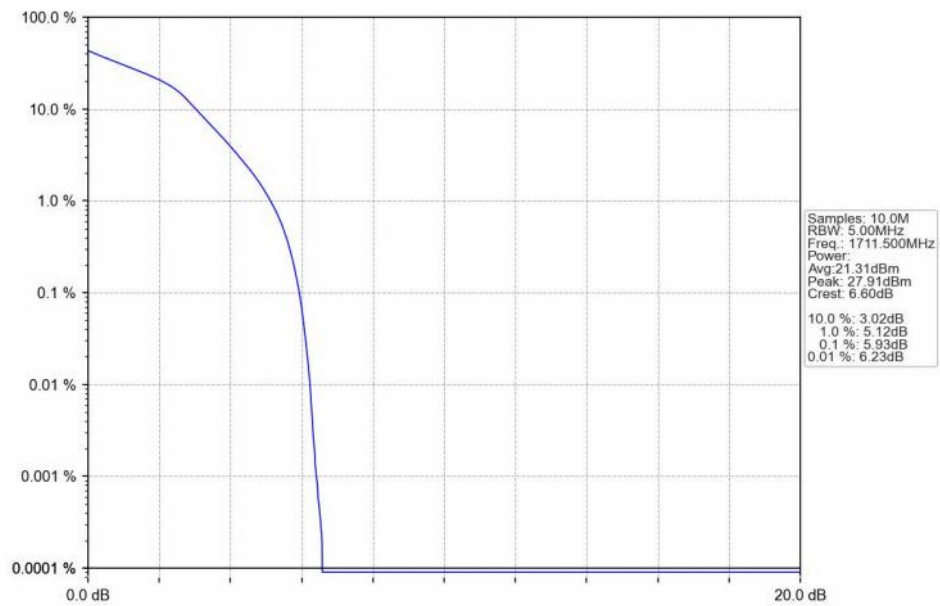
5.2.2 B4_3MHz



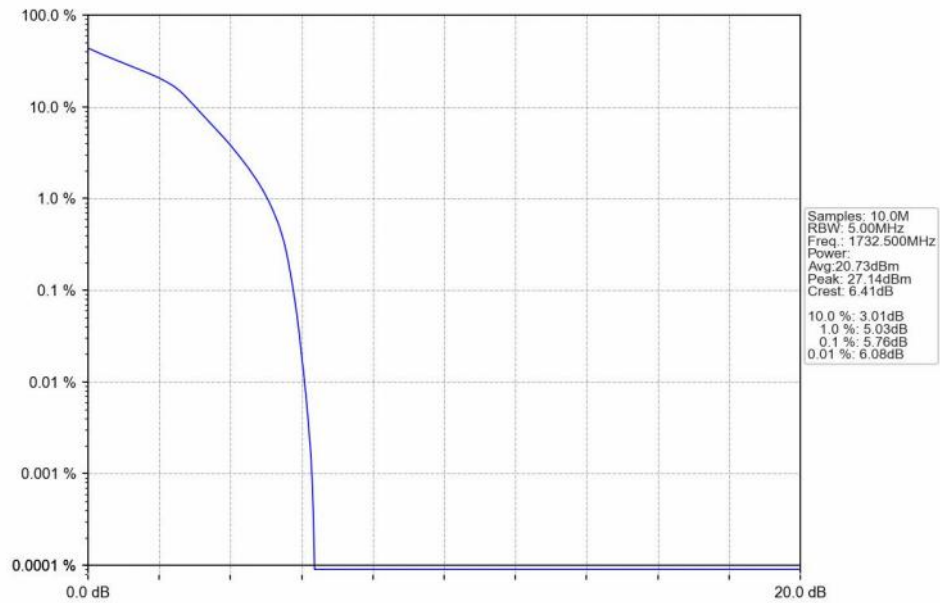
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



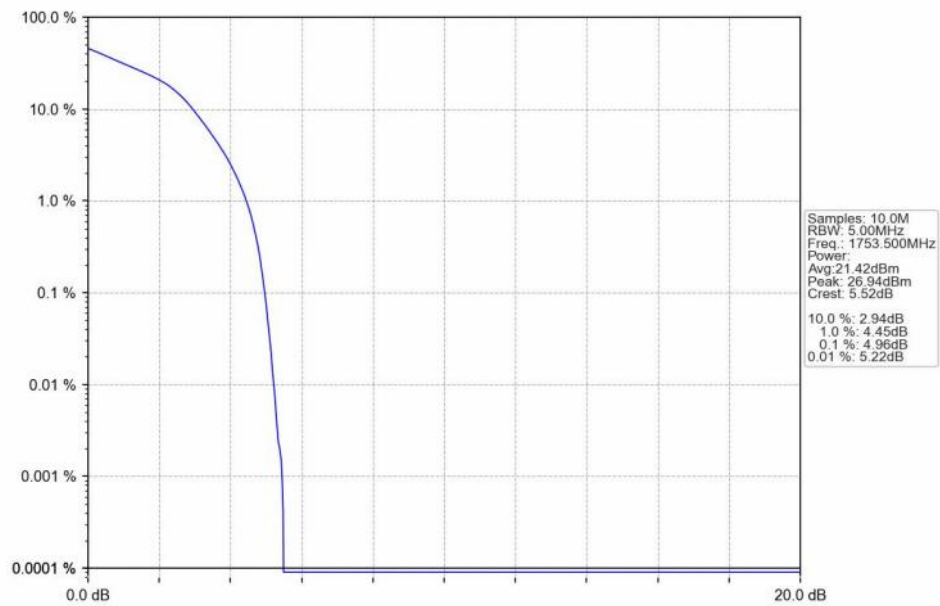
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

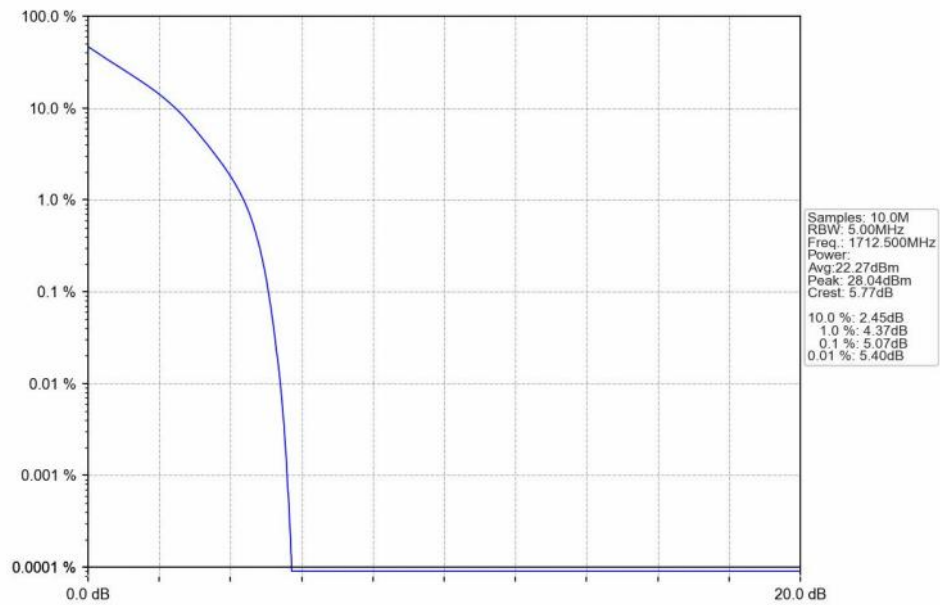


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

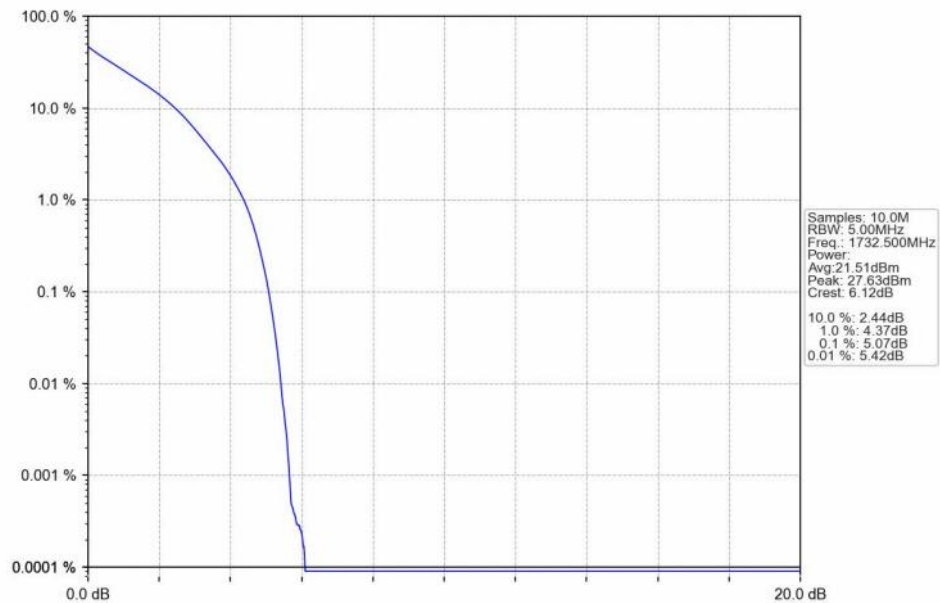


5.2.3 B4_5MHz

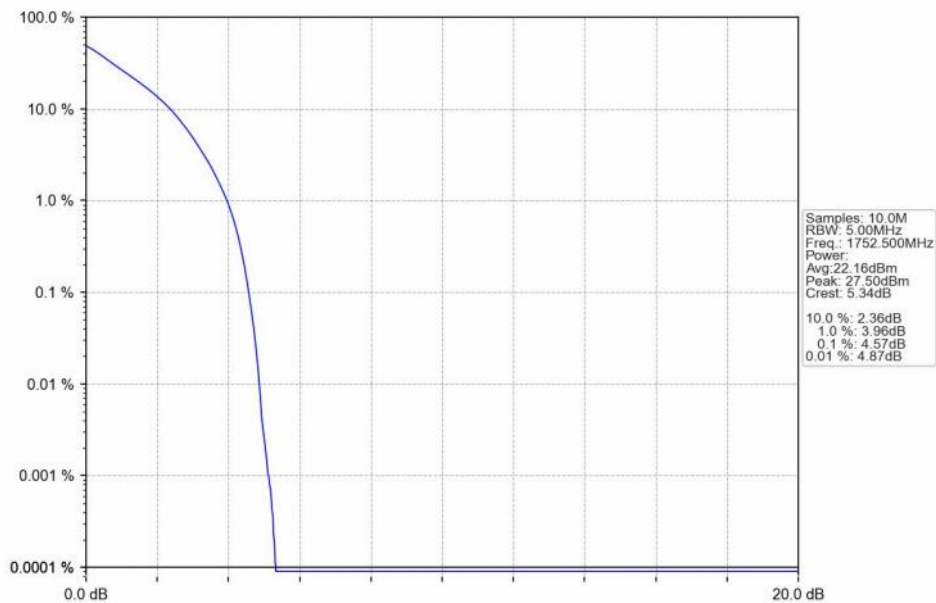
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



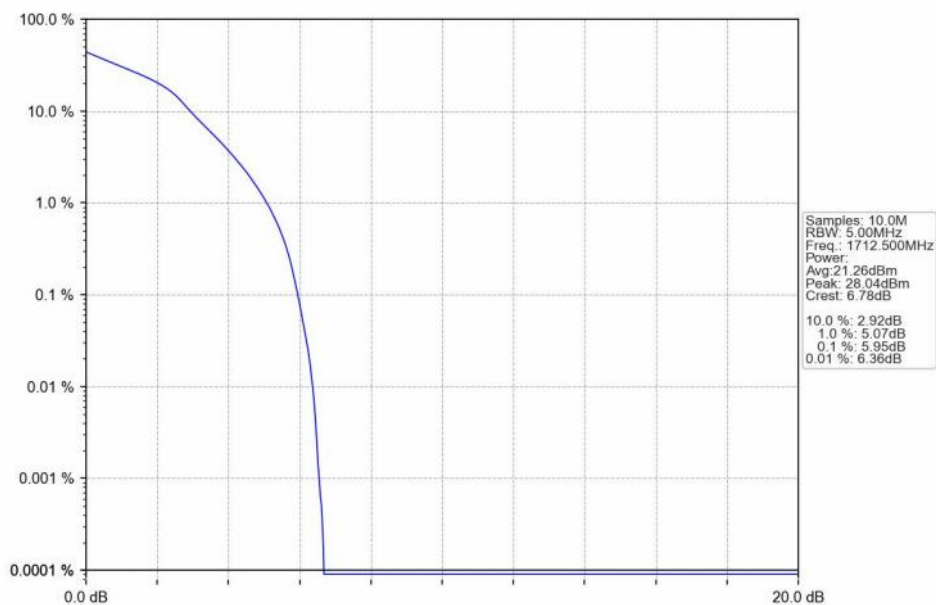
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



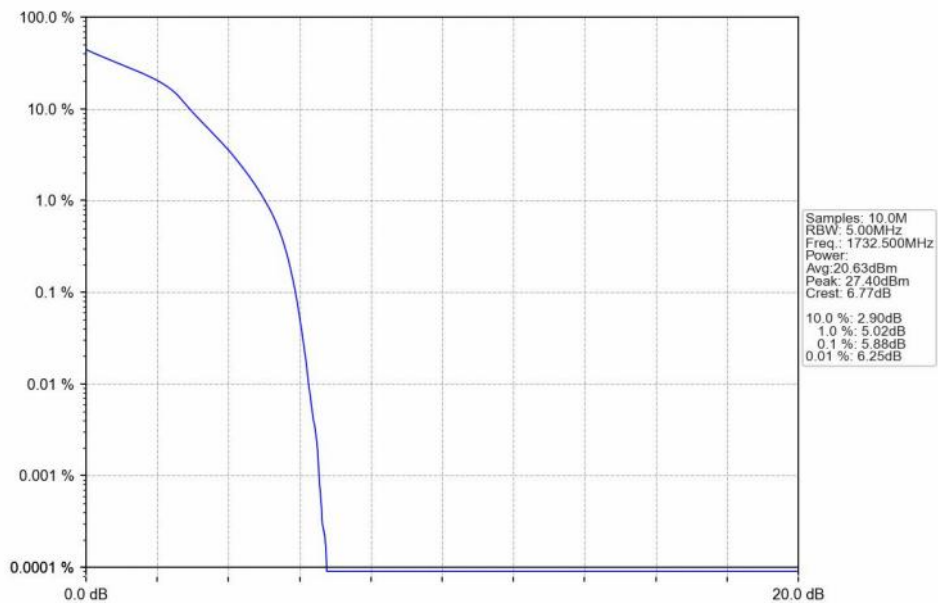
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



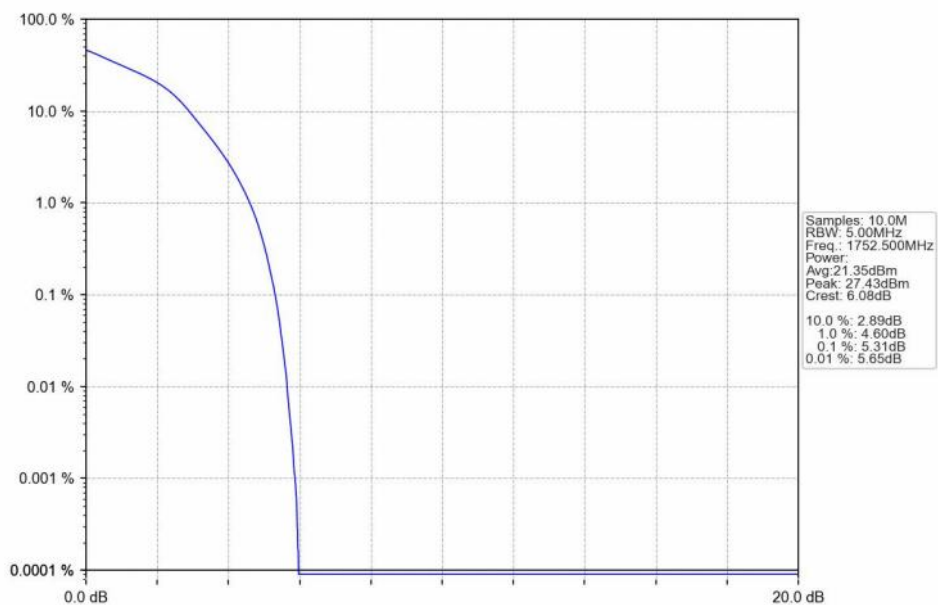
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



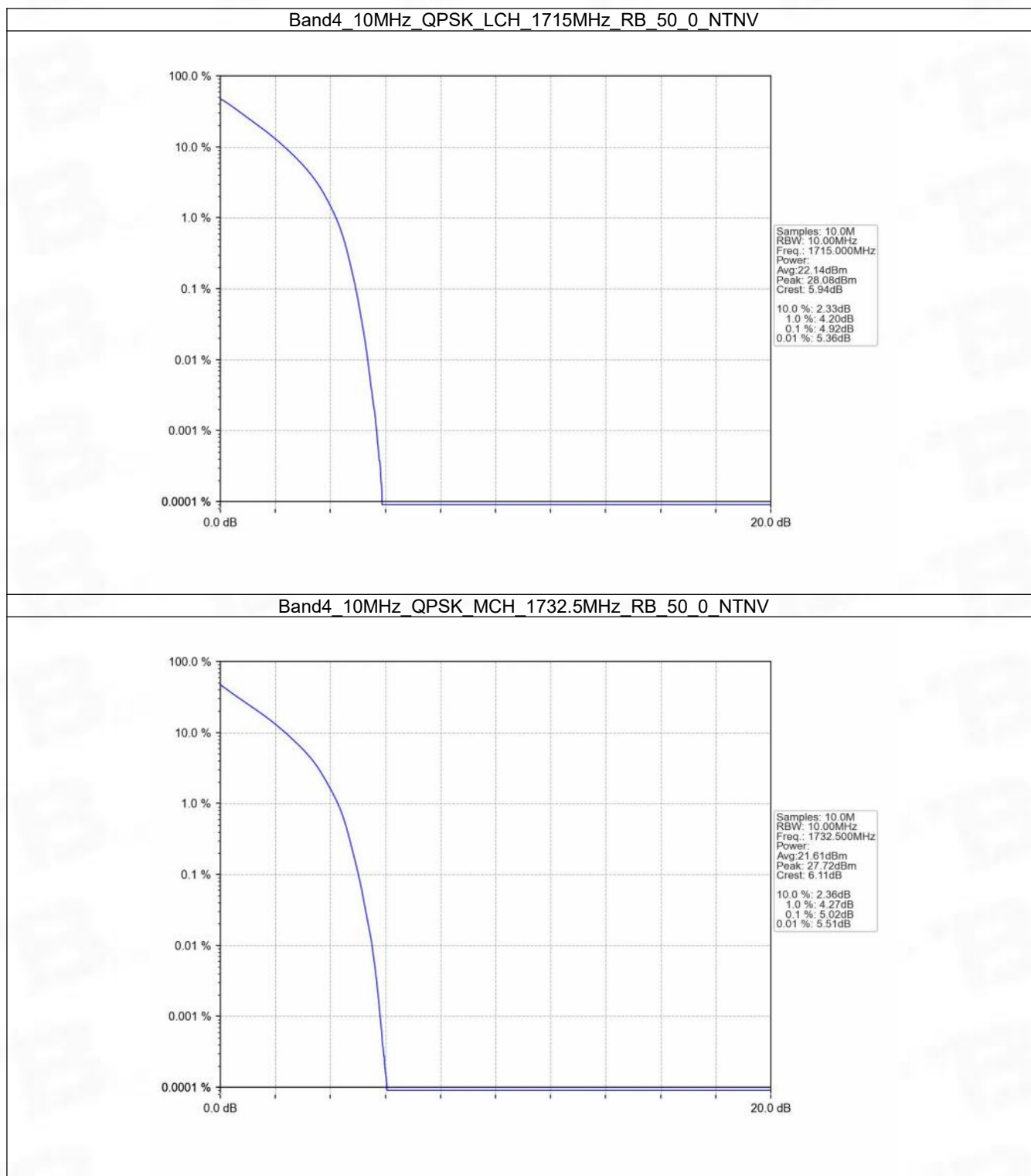
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



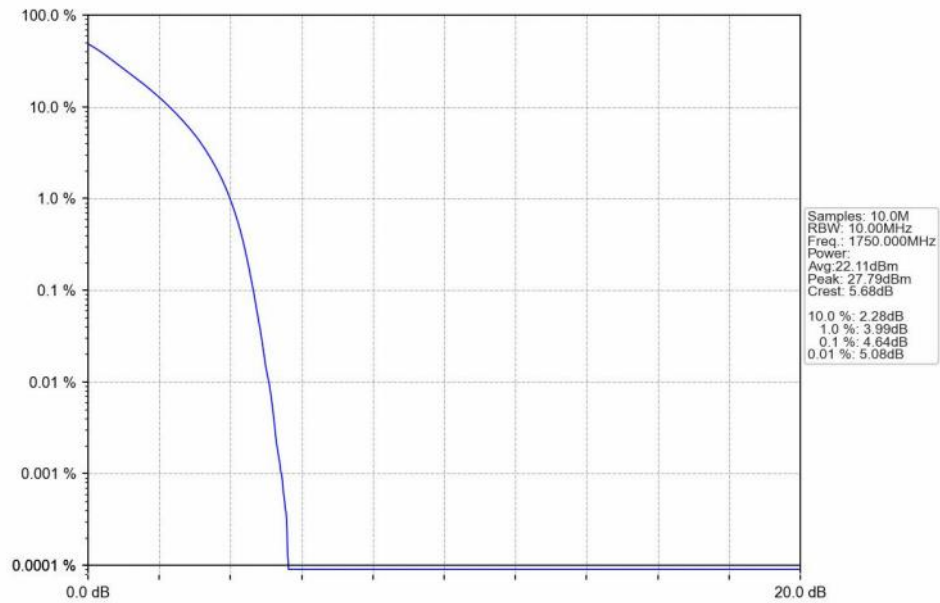
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



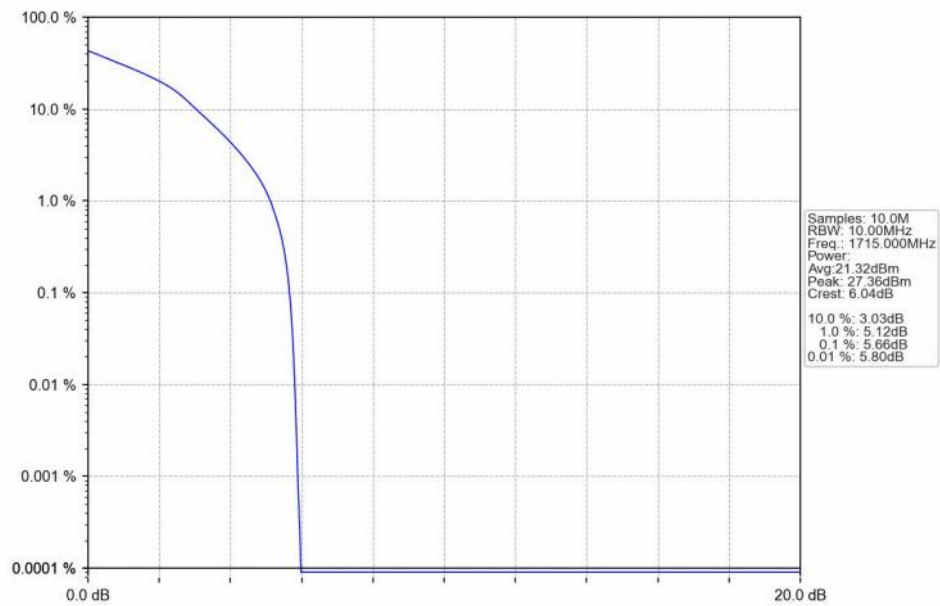
5.2.4 B4_10MHz



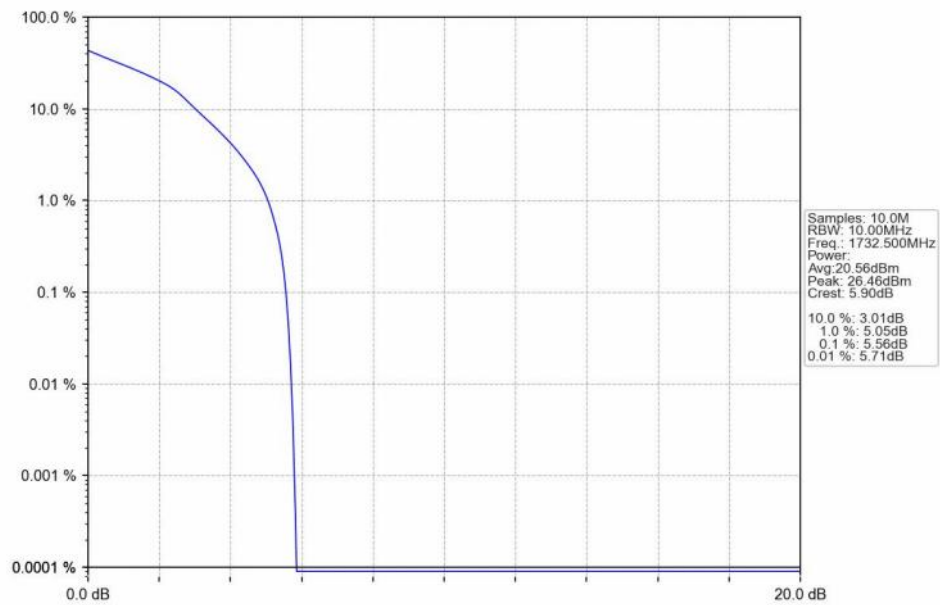
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



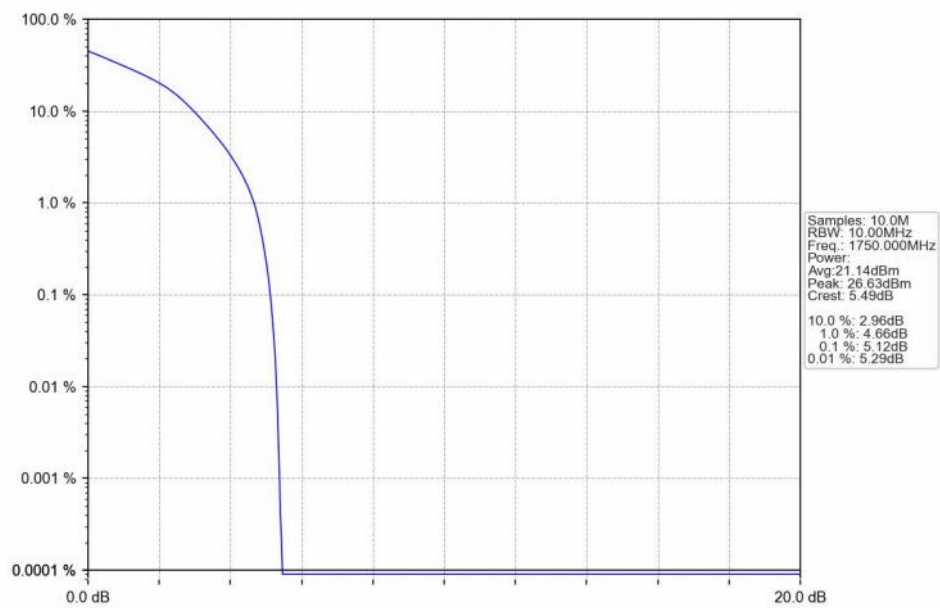
Band4_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



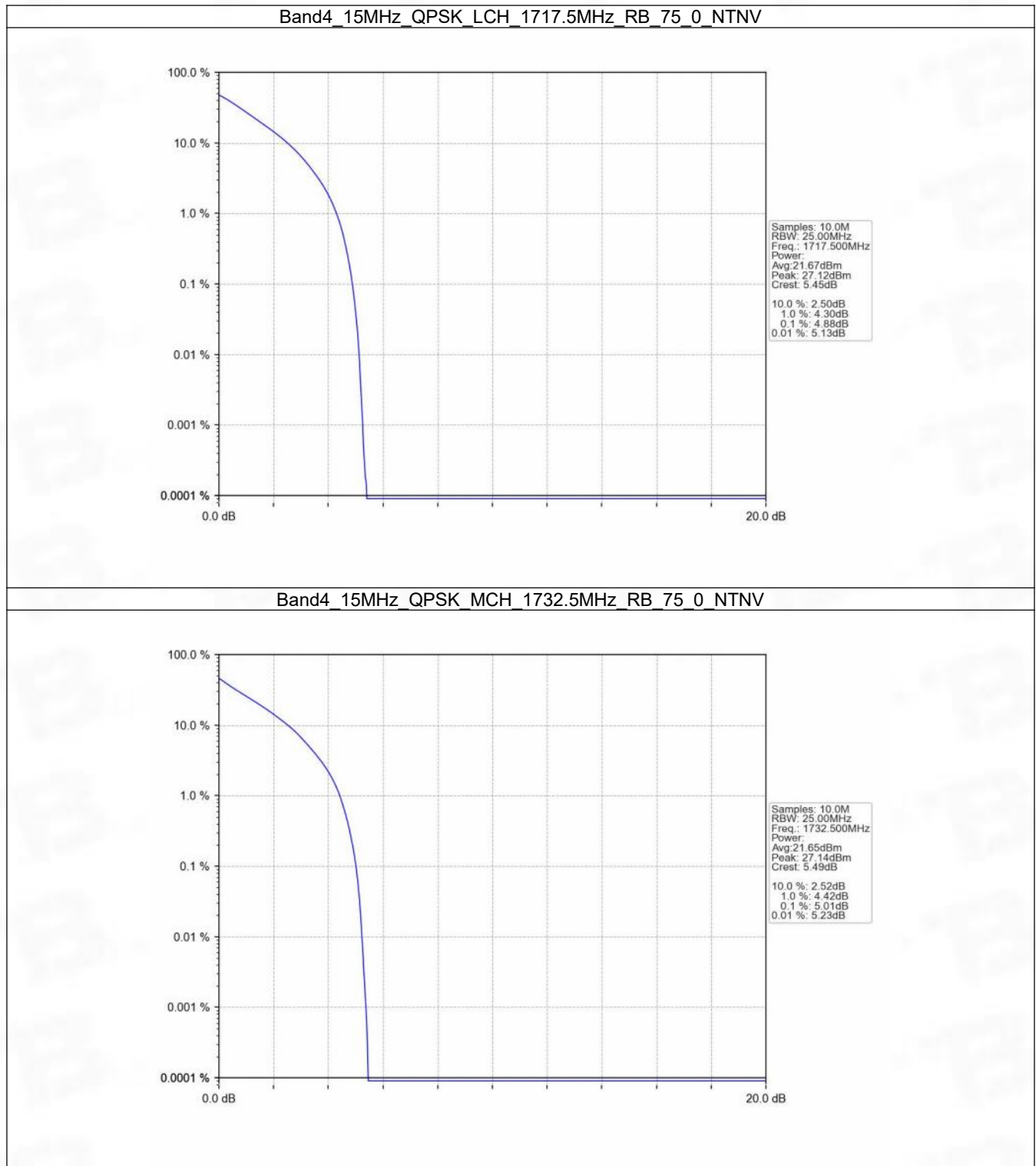
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



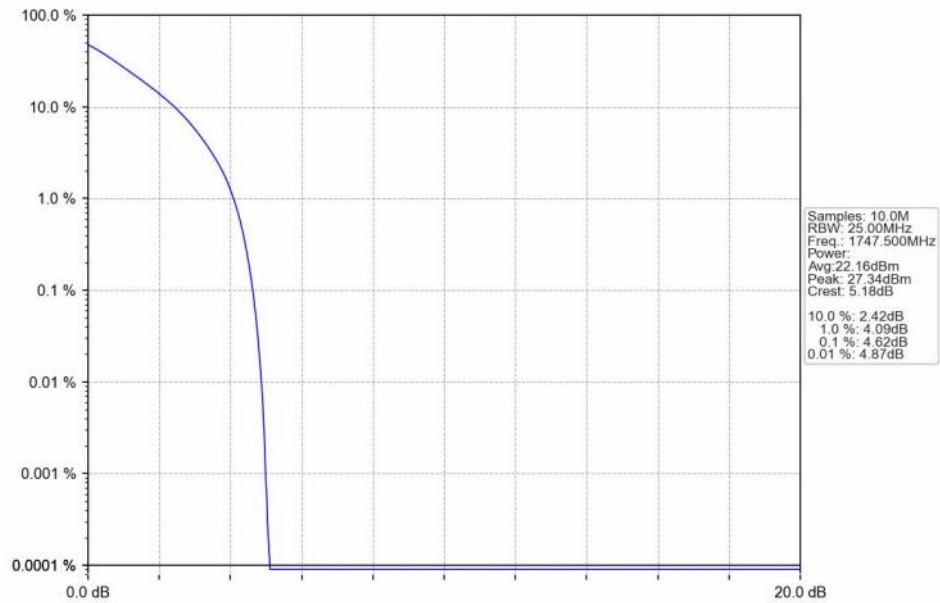
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



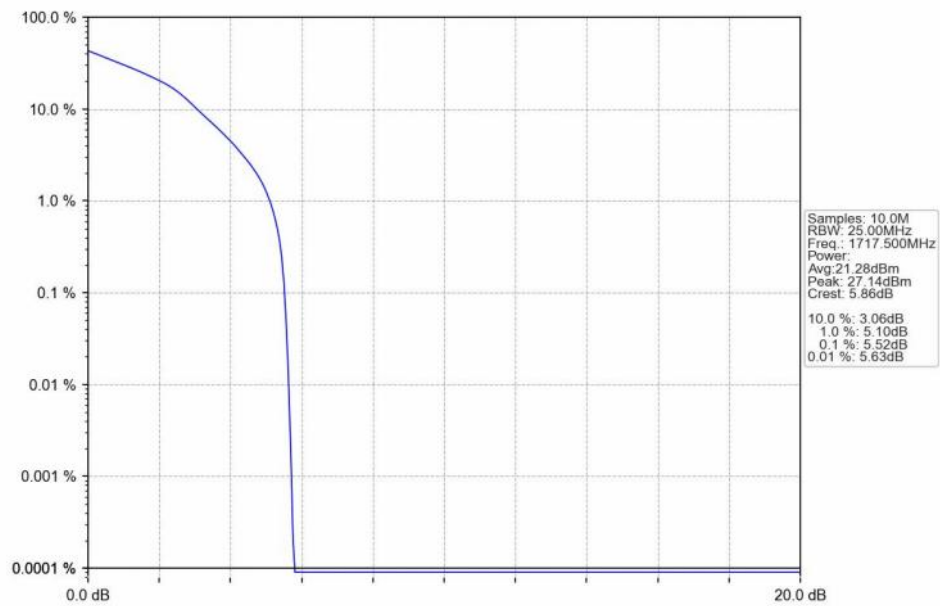
5.2.5 B4_15MHz



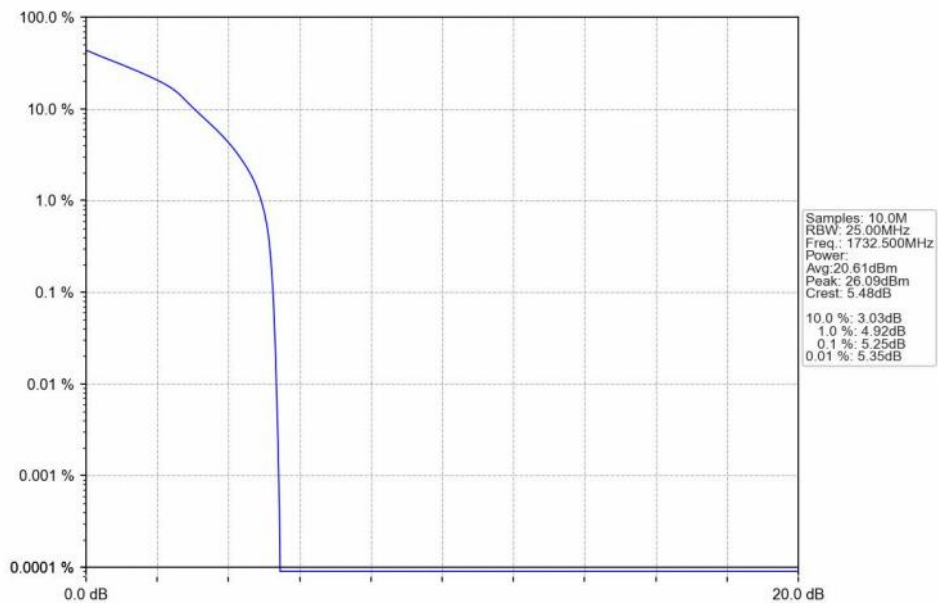
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



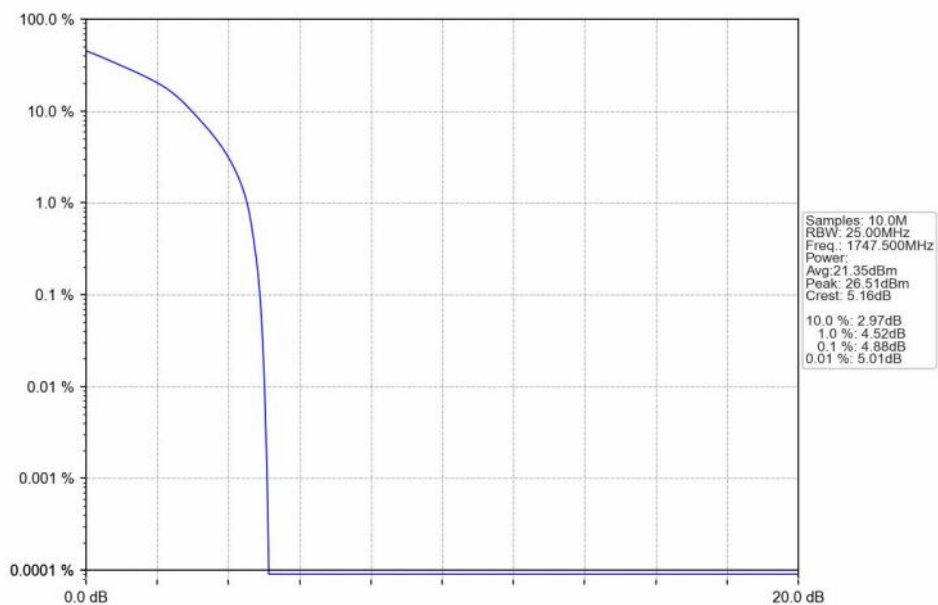
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



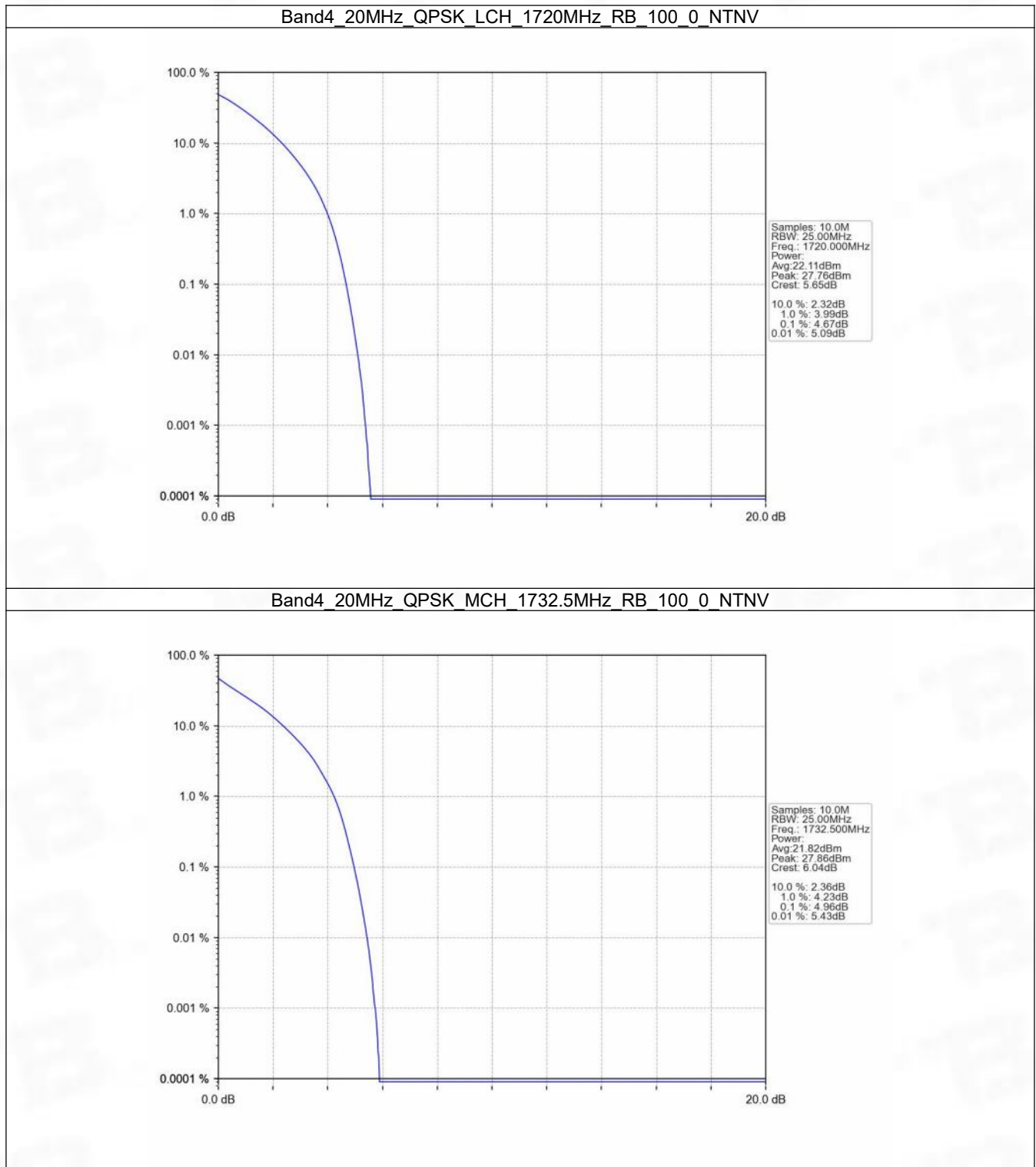
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



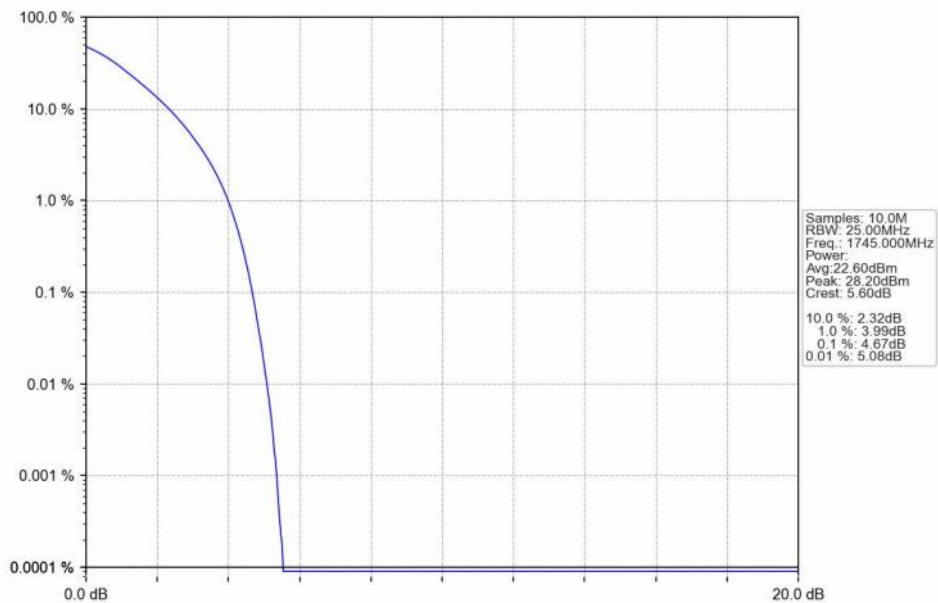
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



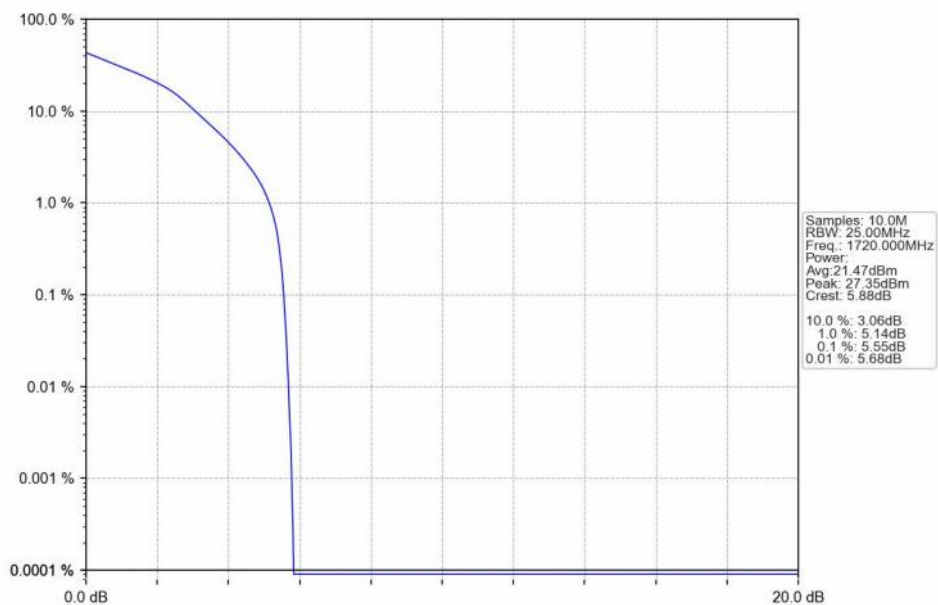
5.2.6 B4_20MHz



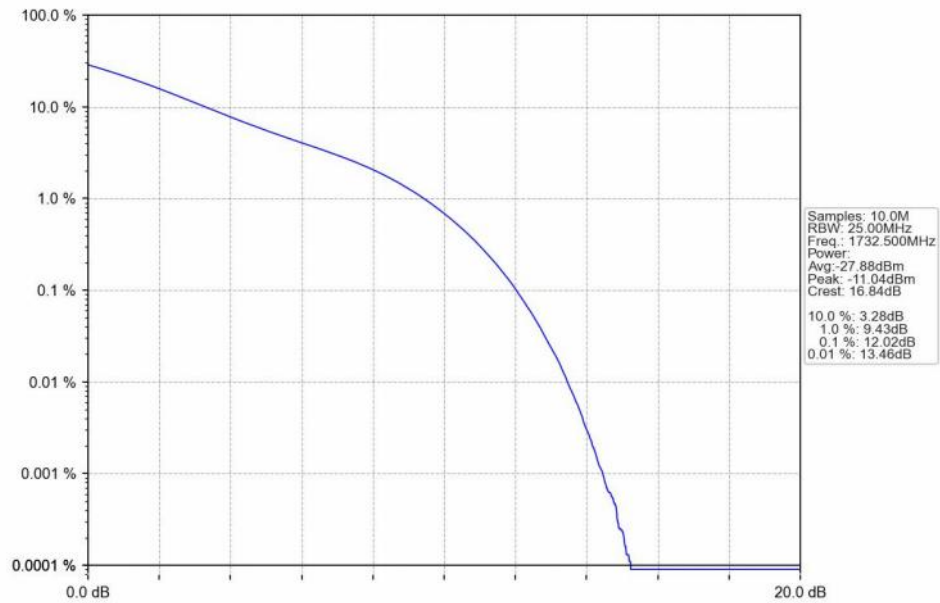
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



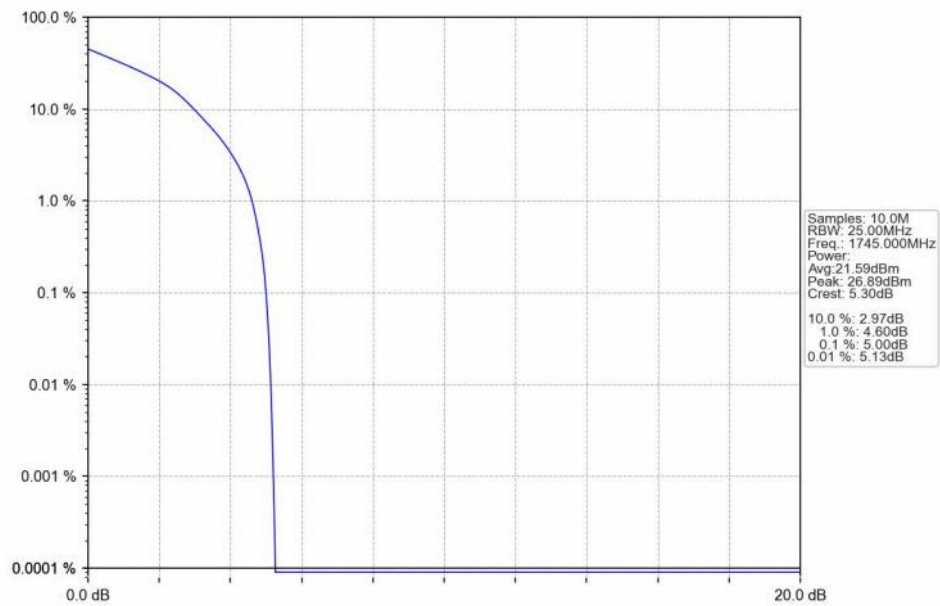
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



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

6.1.5 B4_15MHz

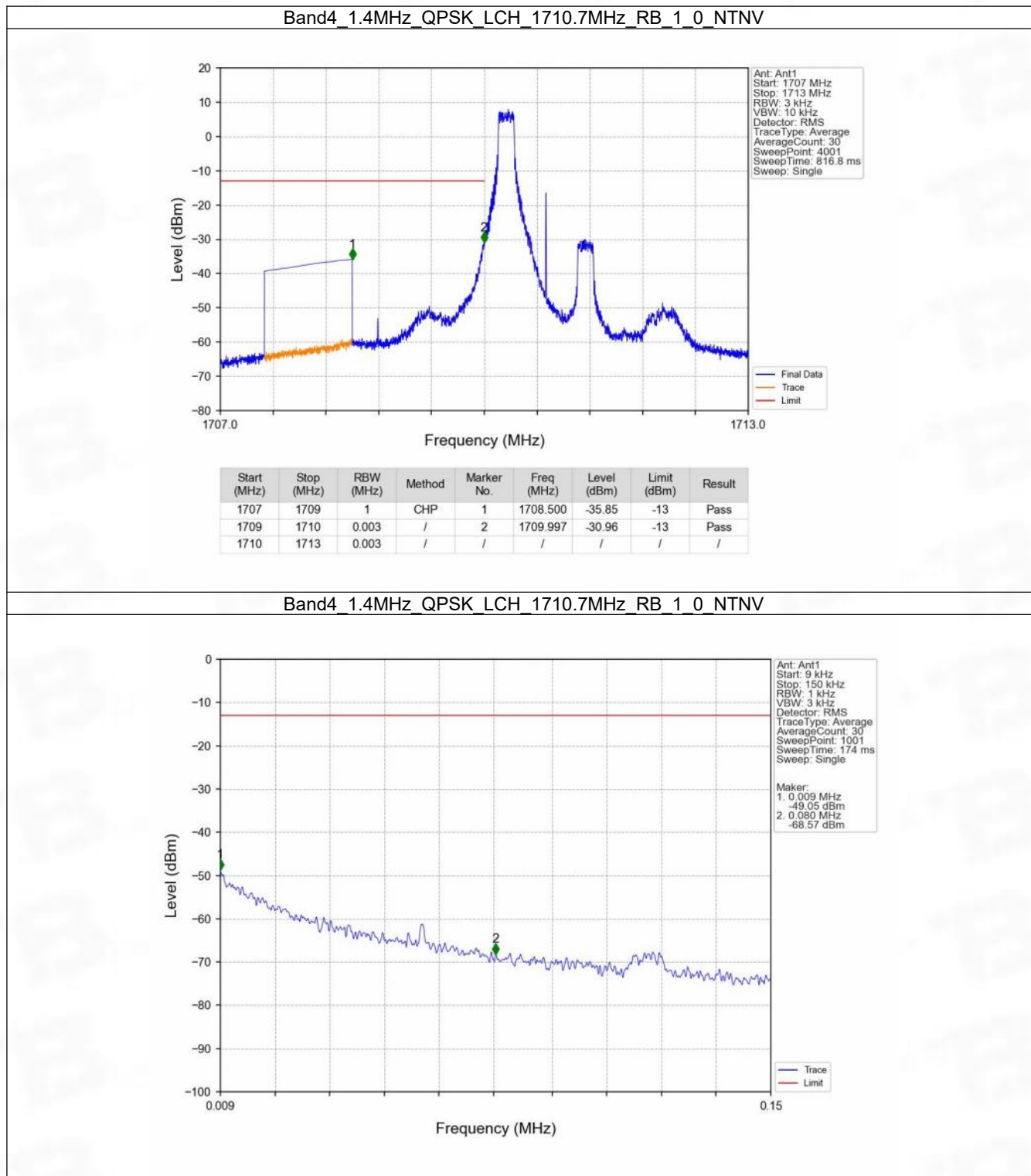
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

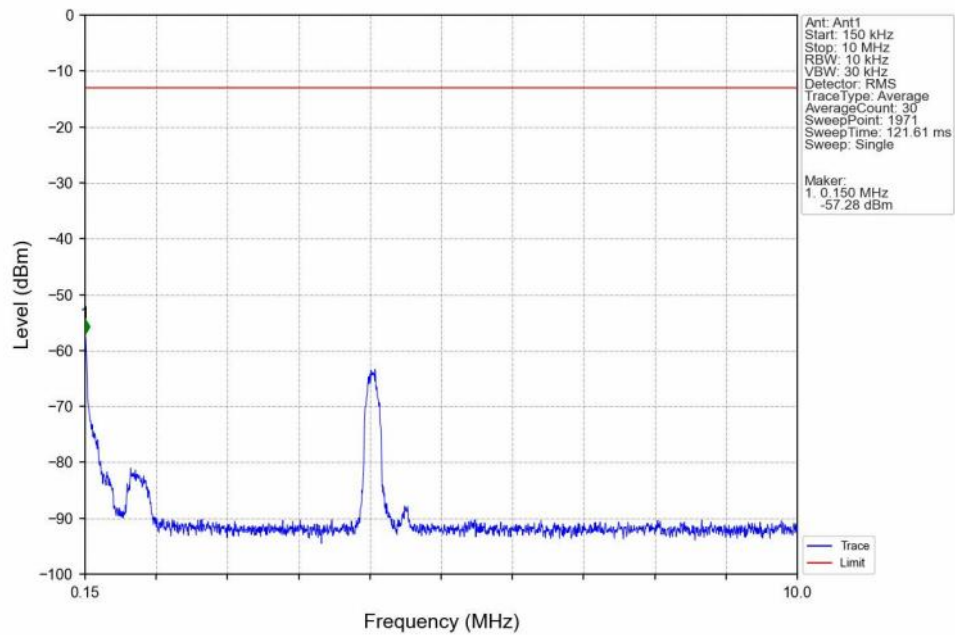
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

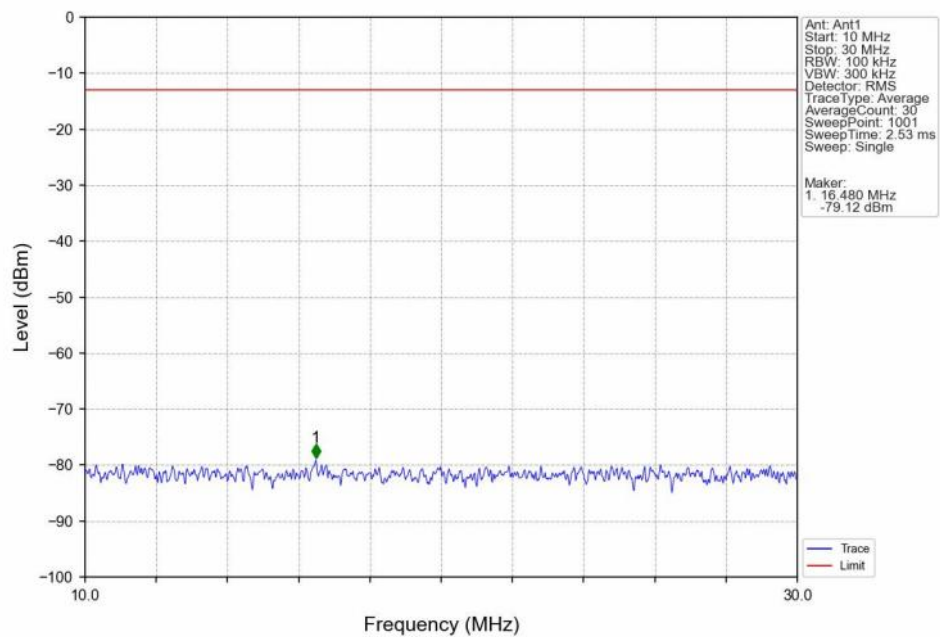
6.2.1 B4_1.4MHz



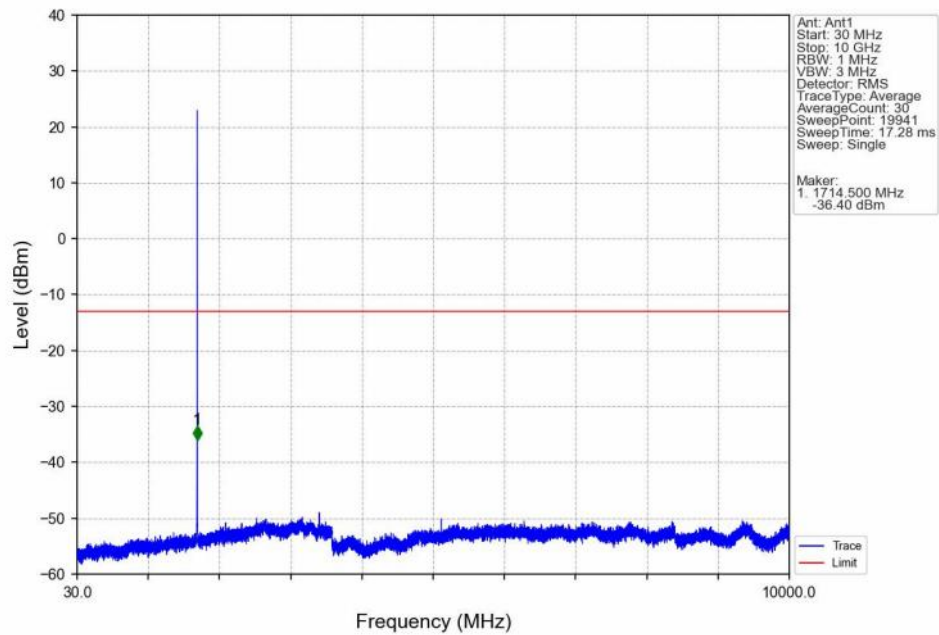
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



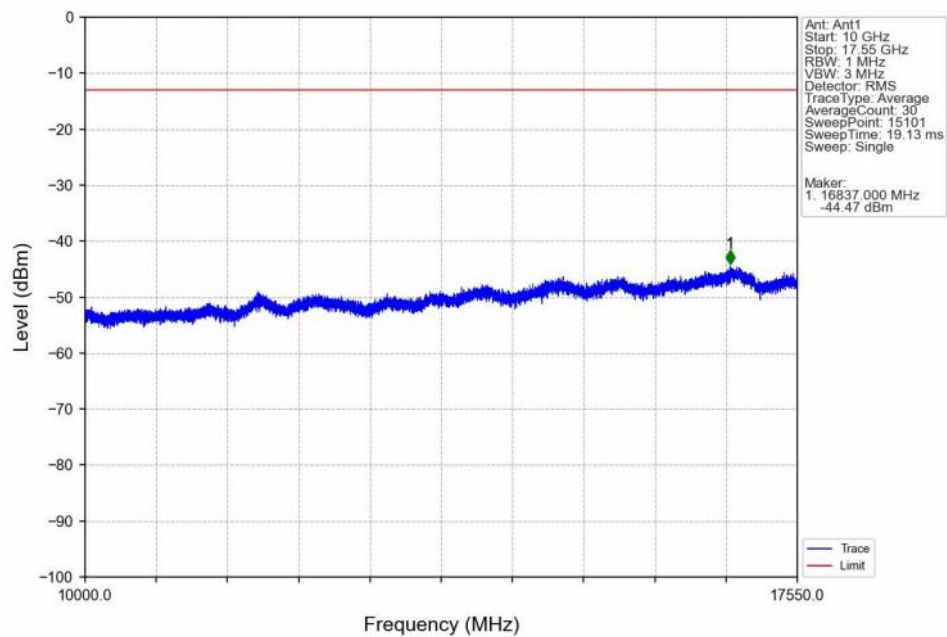
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



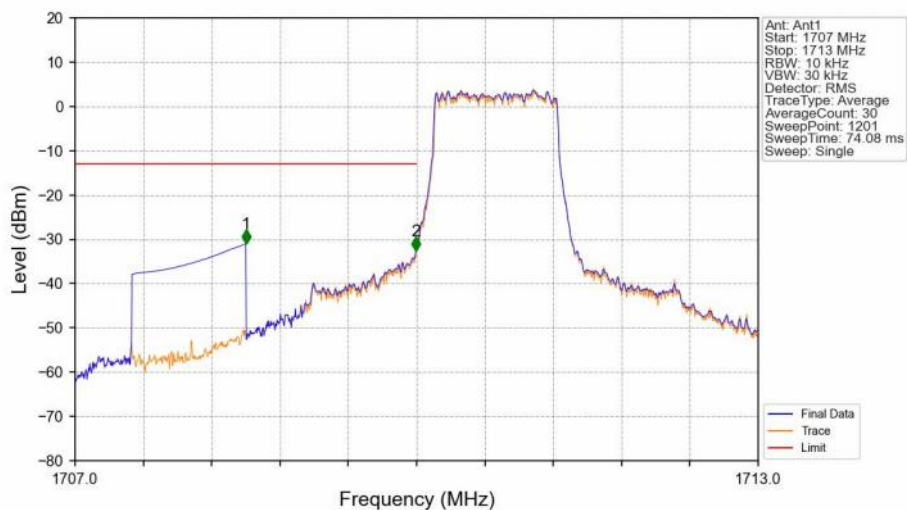
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

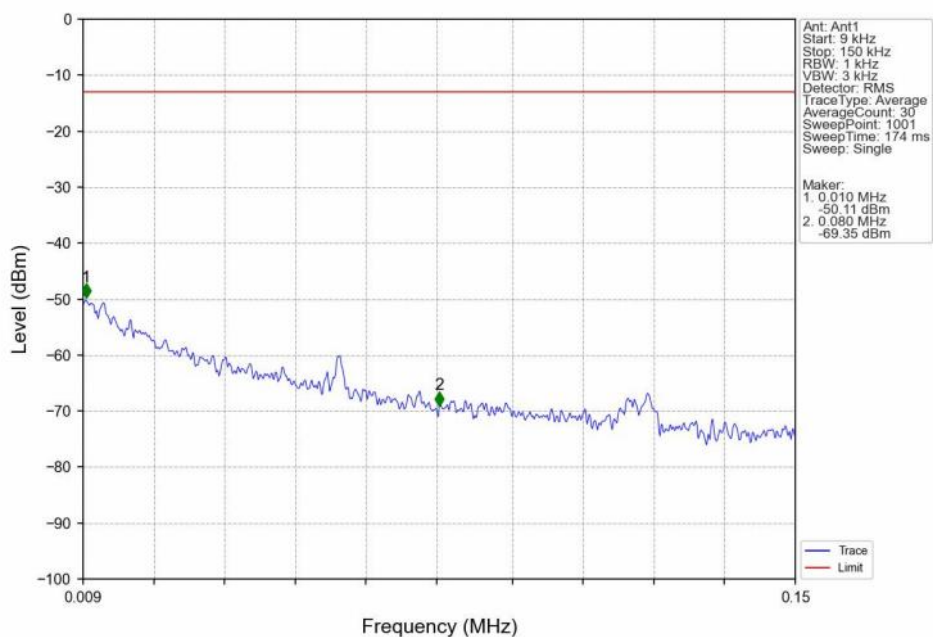


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

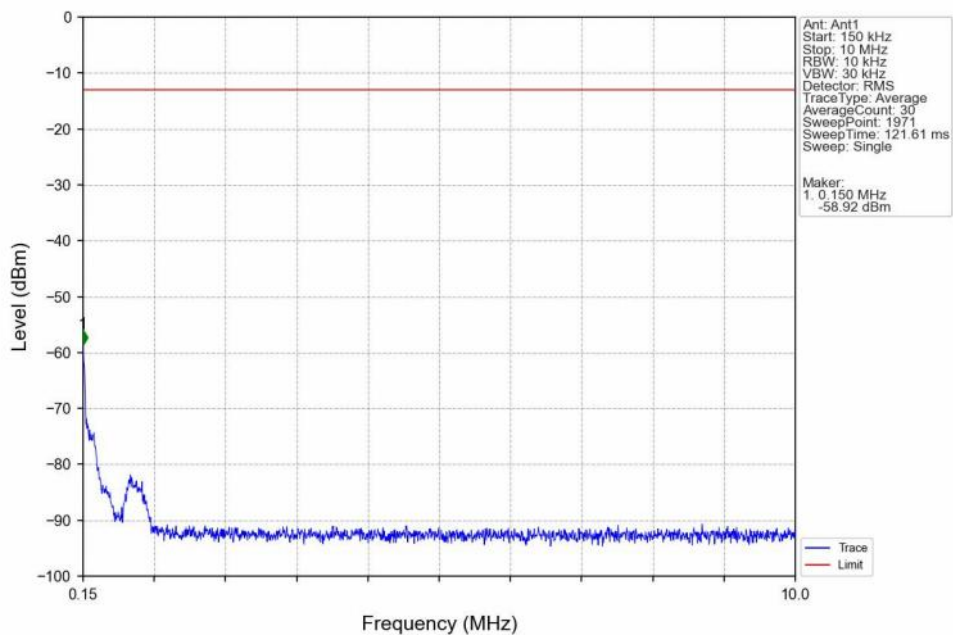


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.01	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.54	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

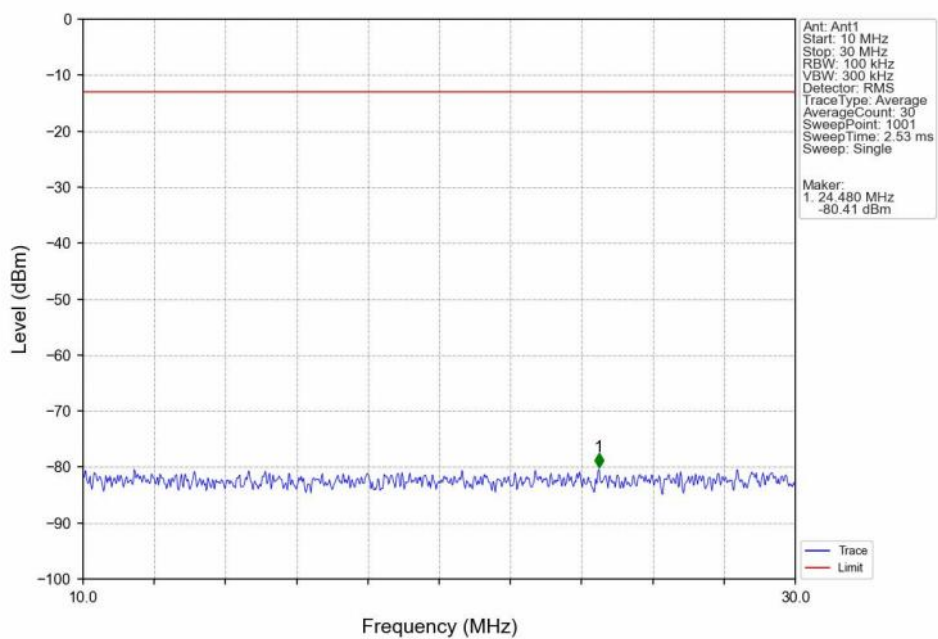
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



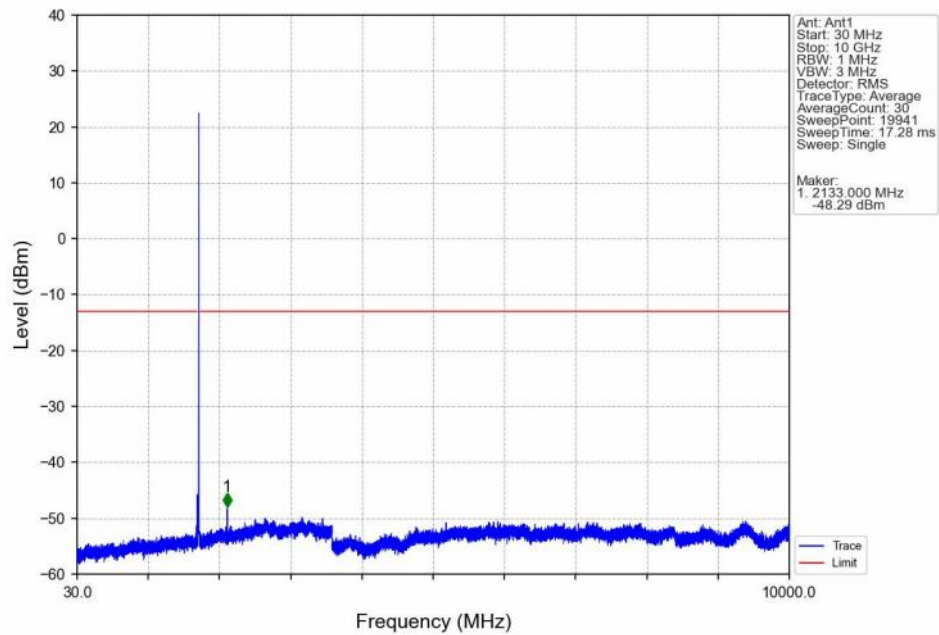
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



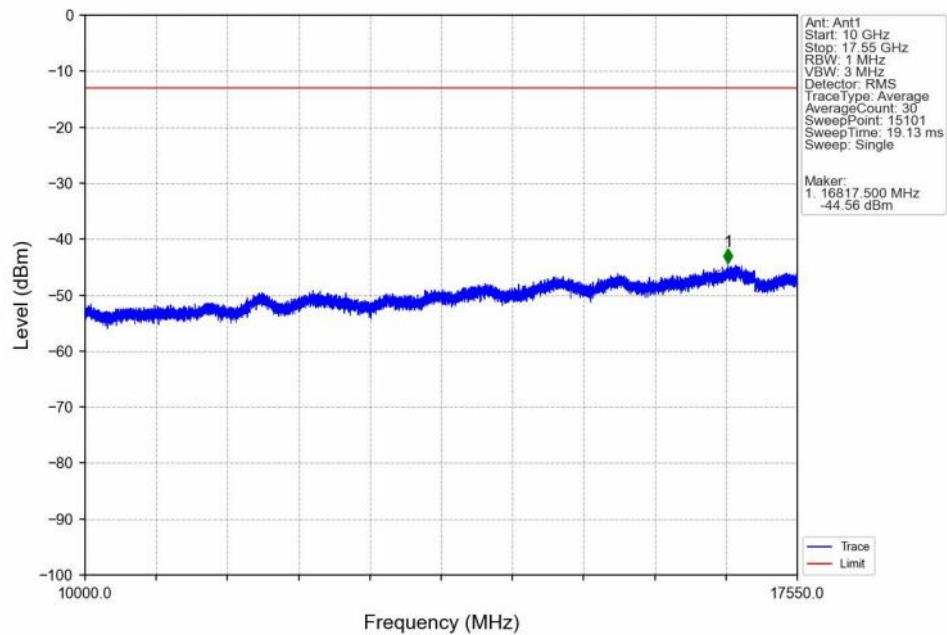
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



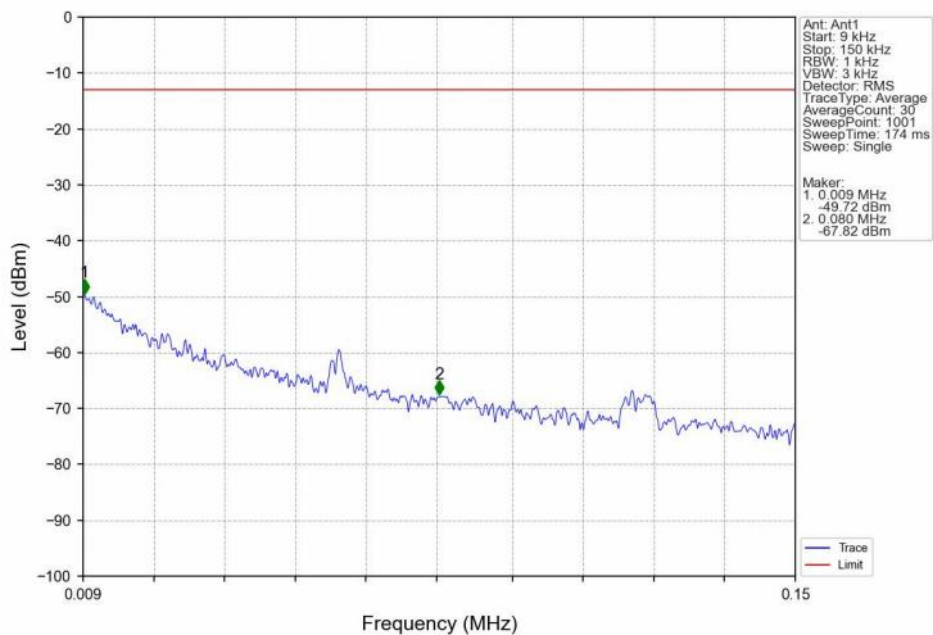
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



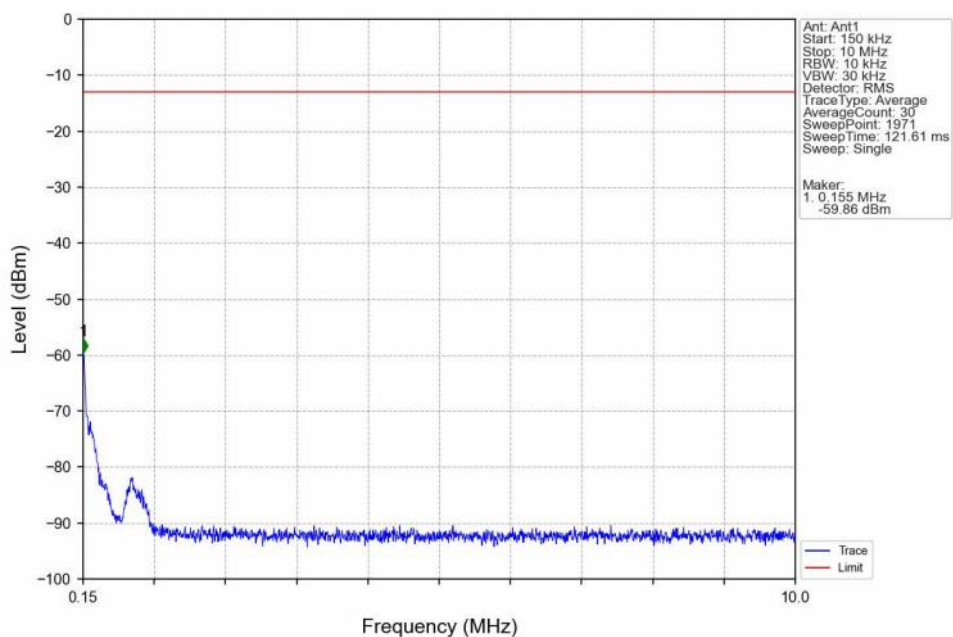
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



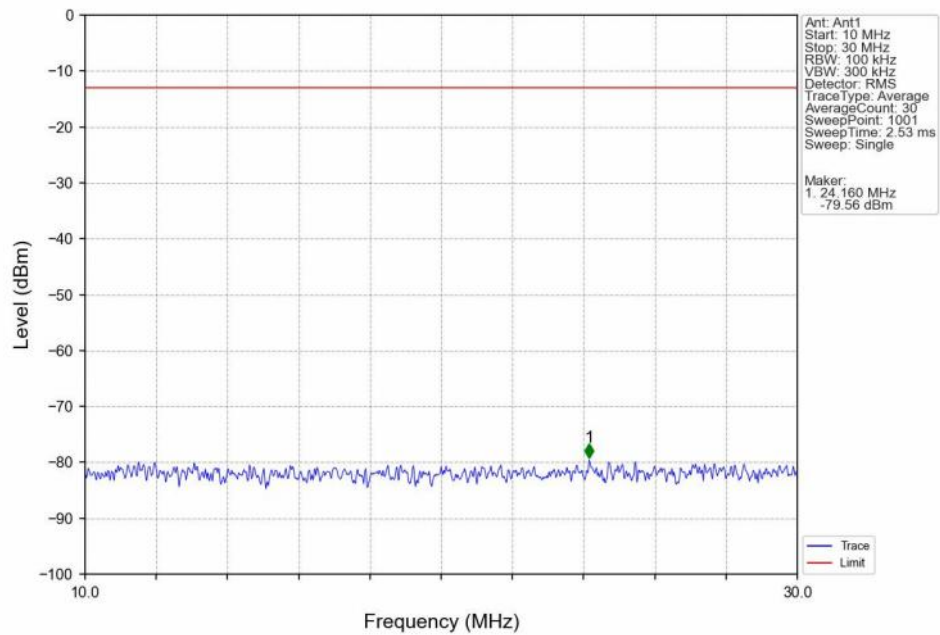
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



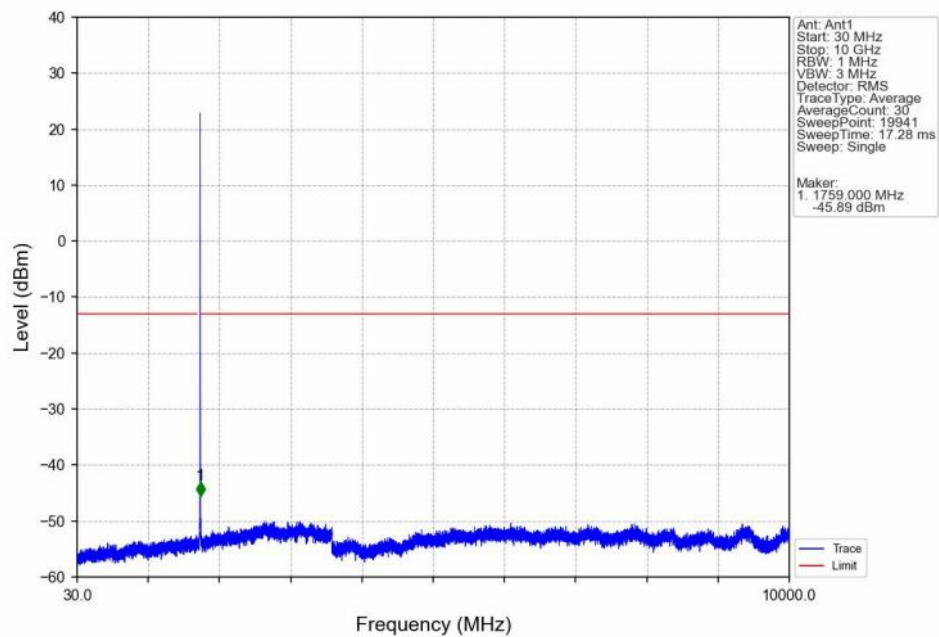
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



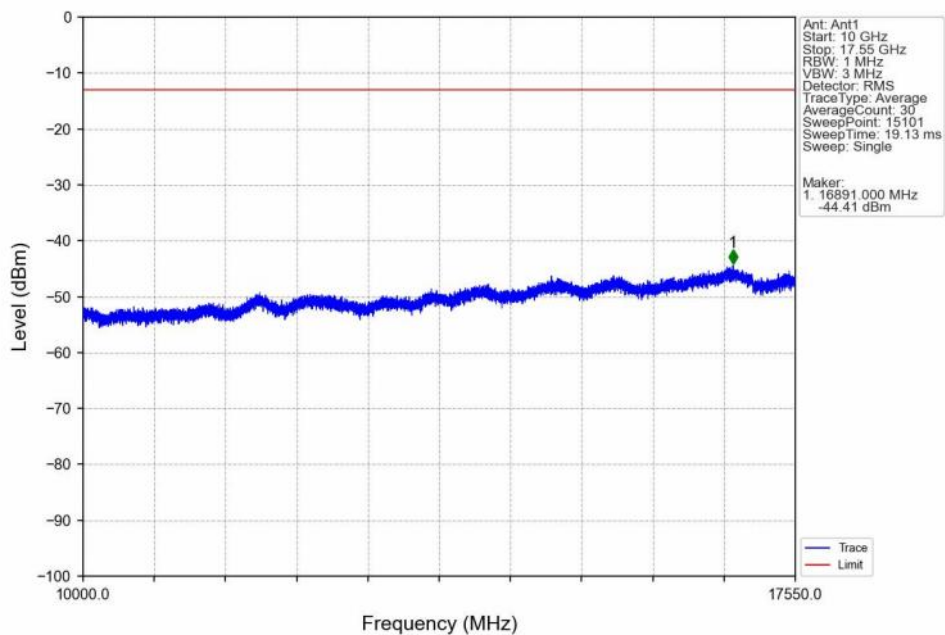
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



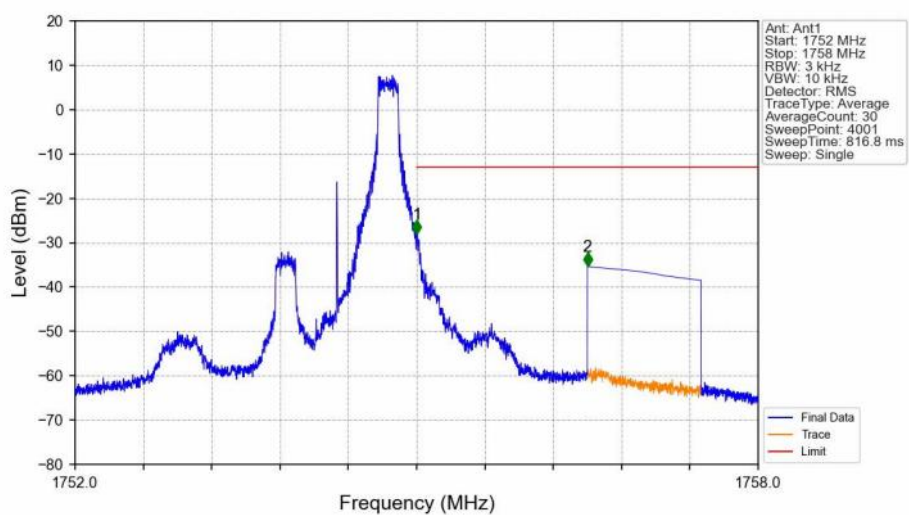
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

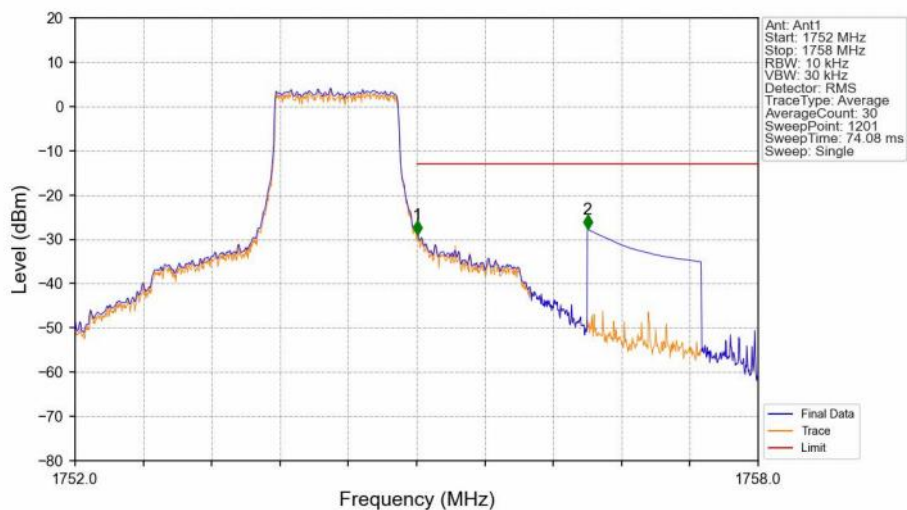


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



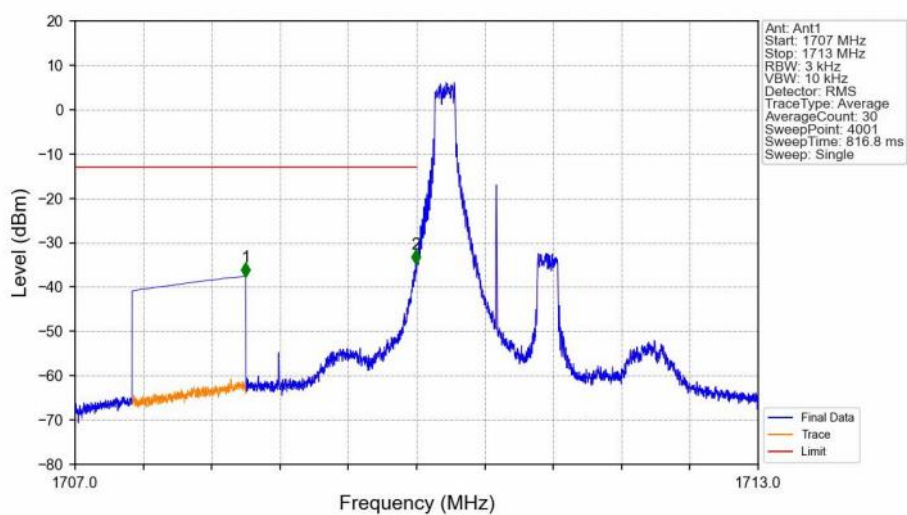
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-28.02	-13	Pass
1756	1758	1	CHP	2	1756.500	-35.40	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



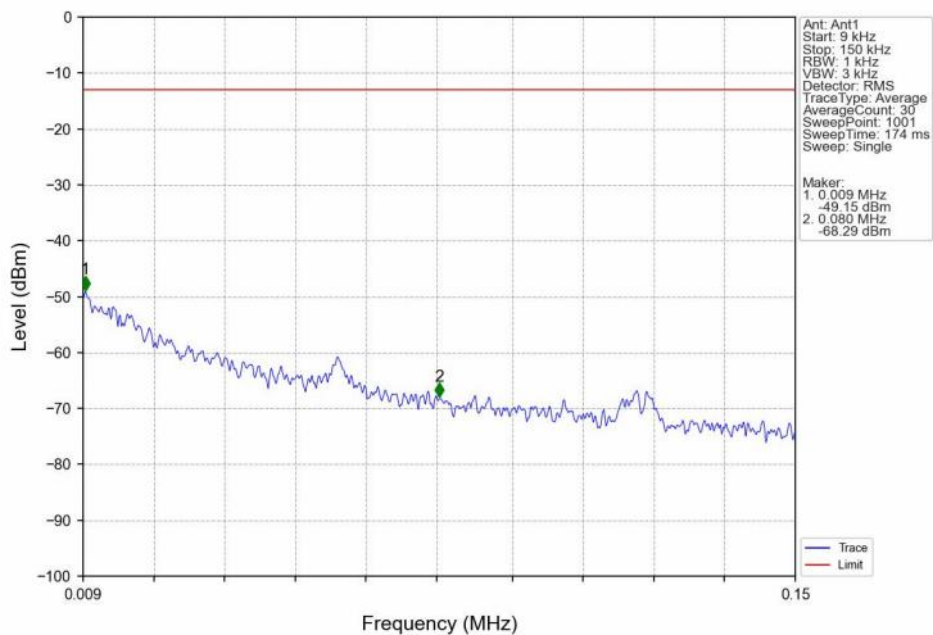
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.005	-28.94	-13	Pass
1756	1758	1	CHP	2	1756.500	-27.72	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

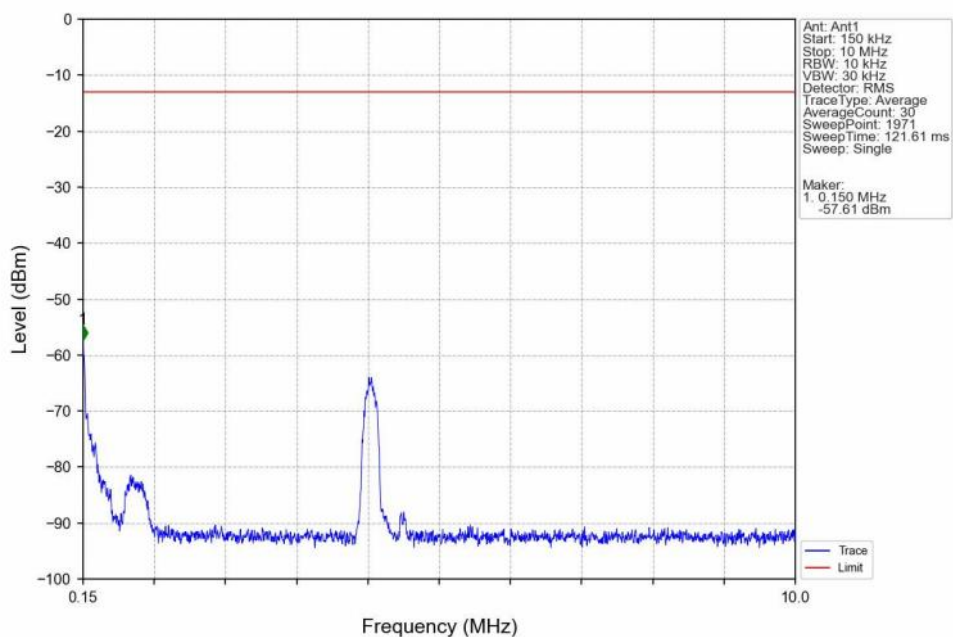


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-37.62	-13	Pass
1709	1710	0.003	/	2	1709.993	-34.73	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

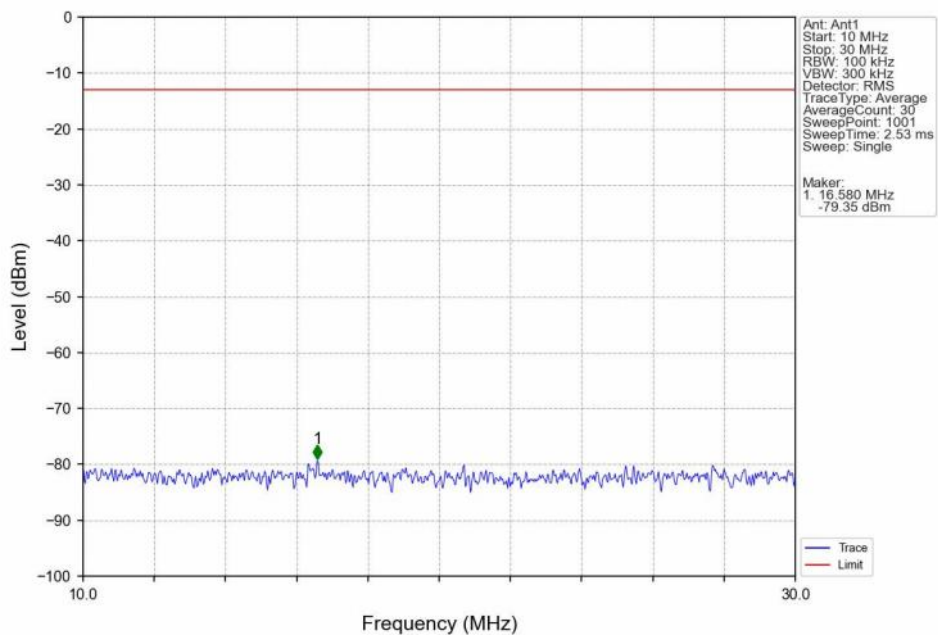
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



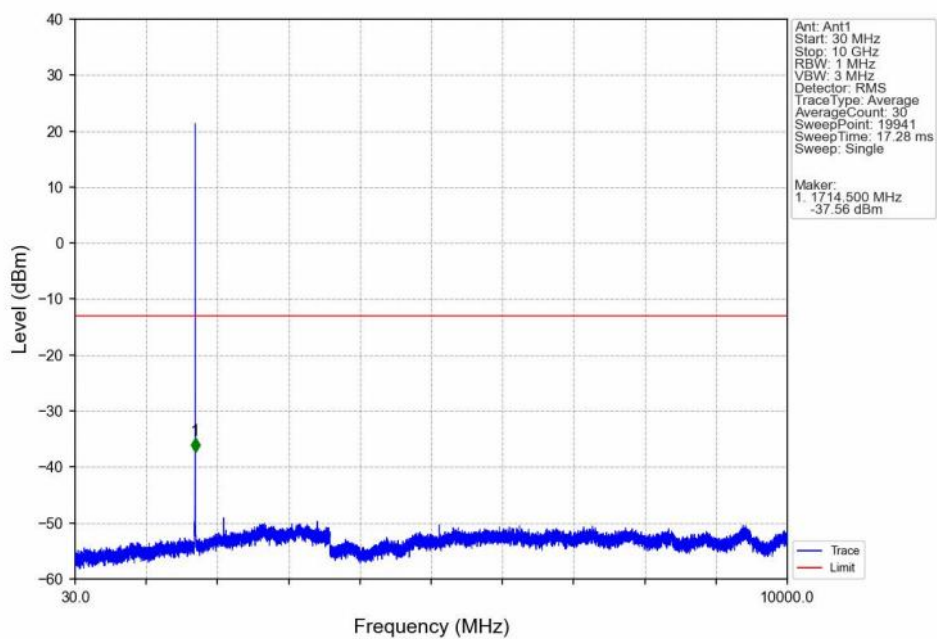
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



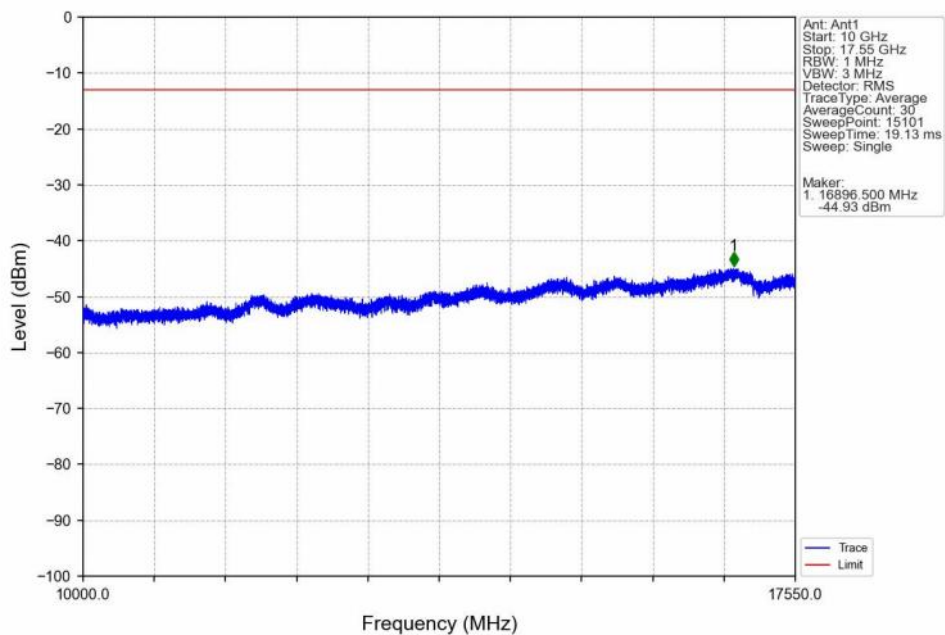
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



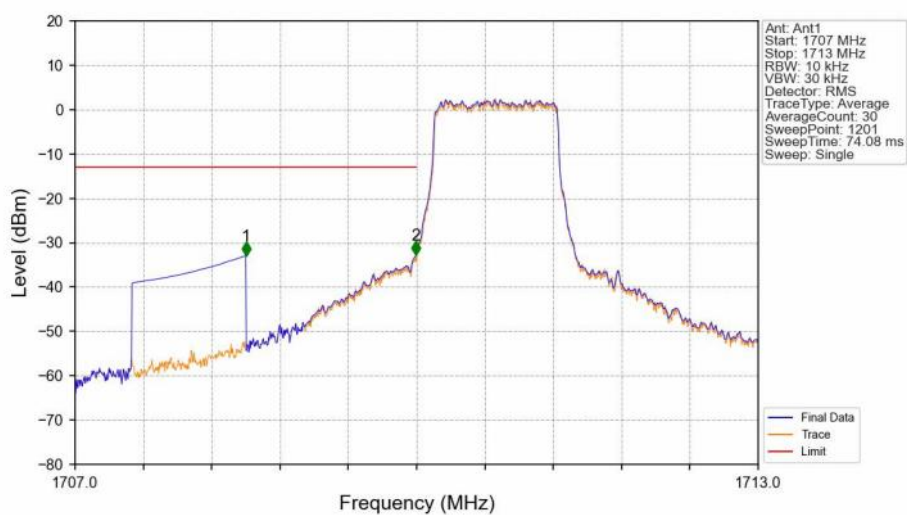
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

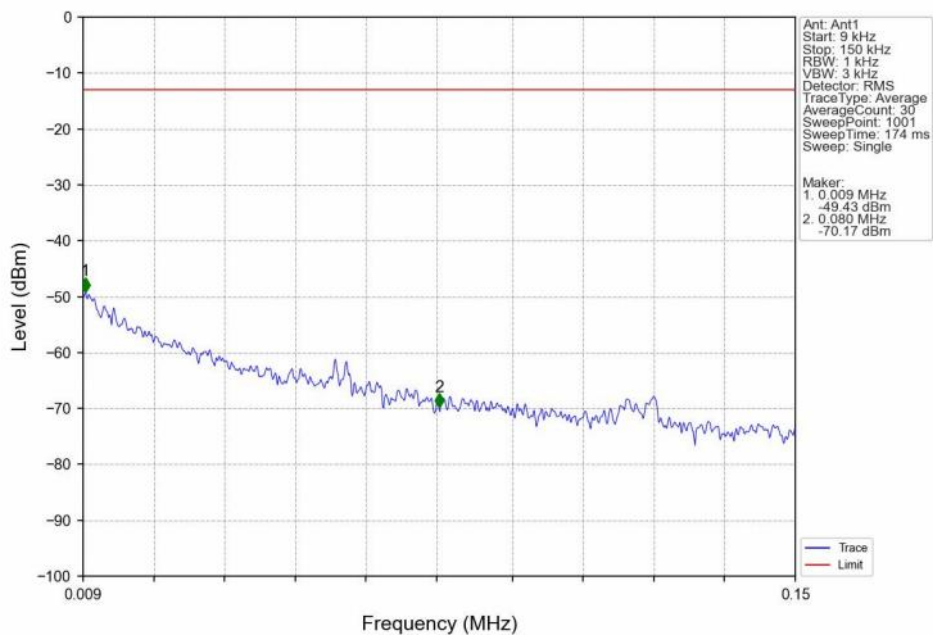


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

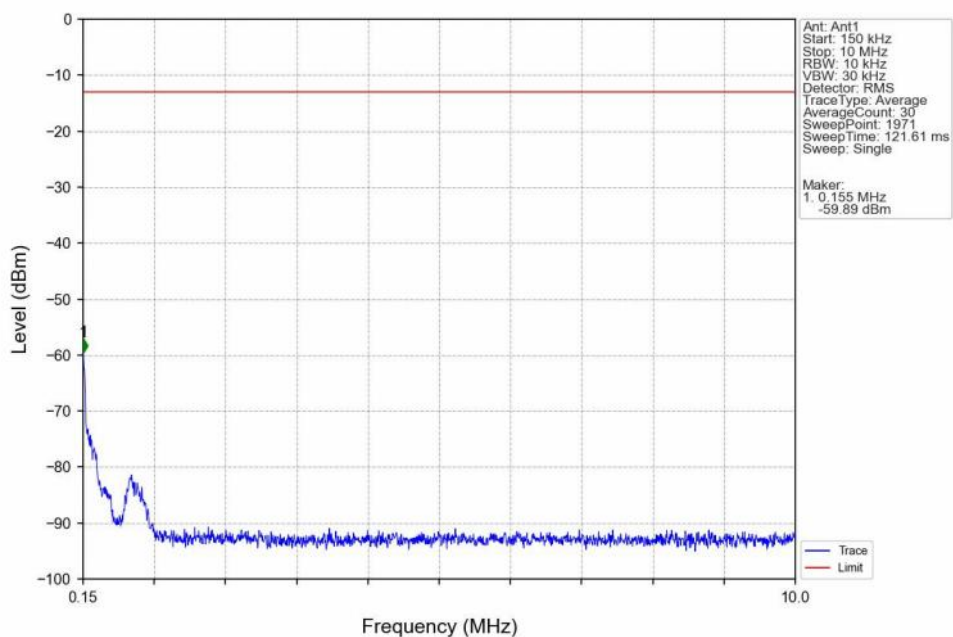


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.97	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.81	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

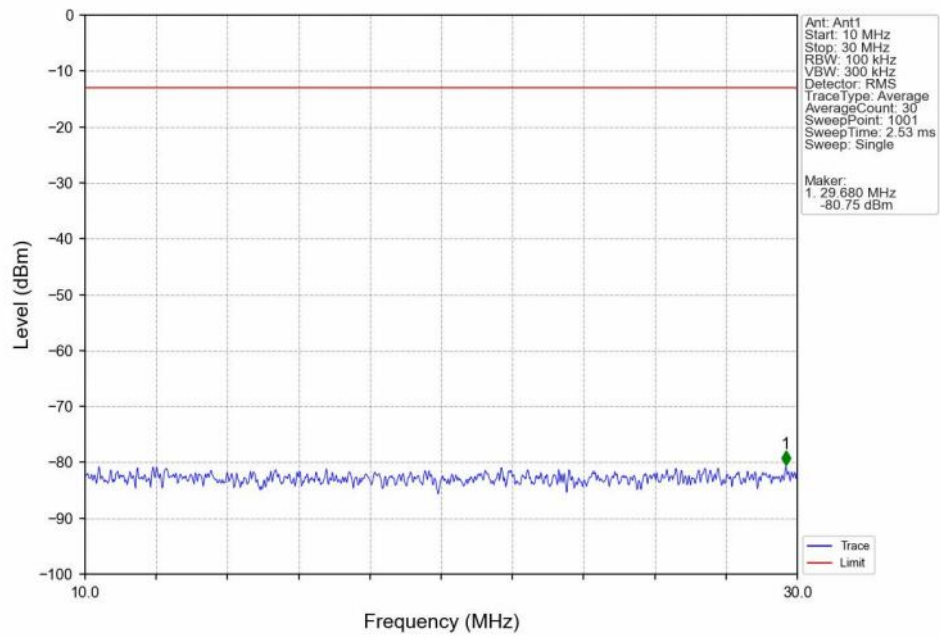
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



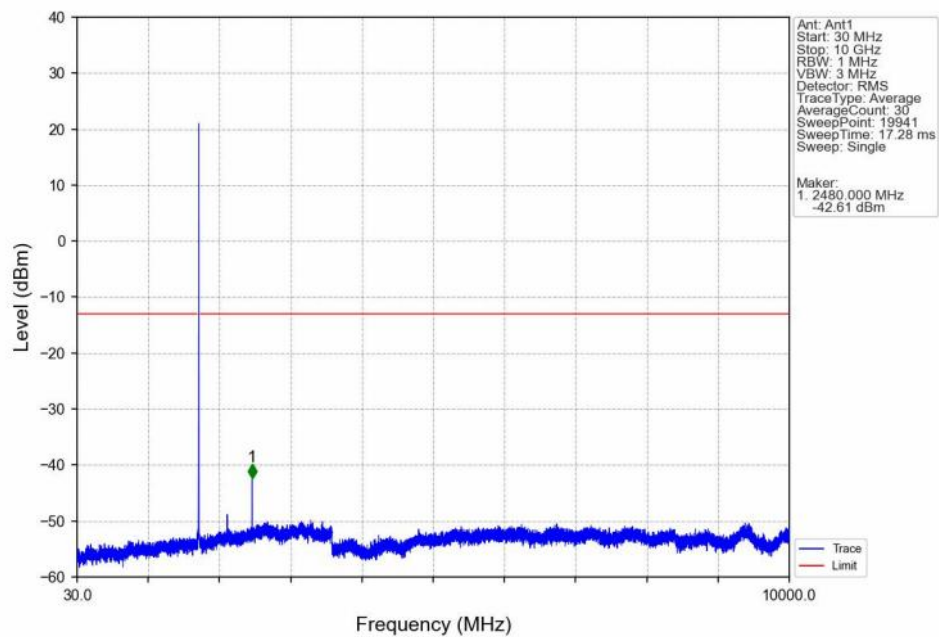
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



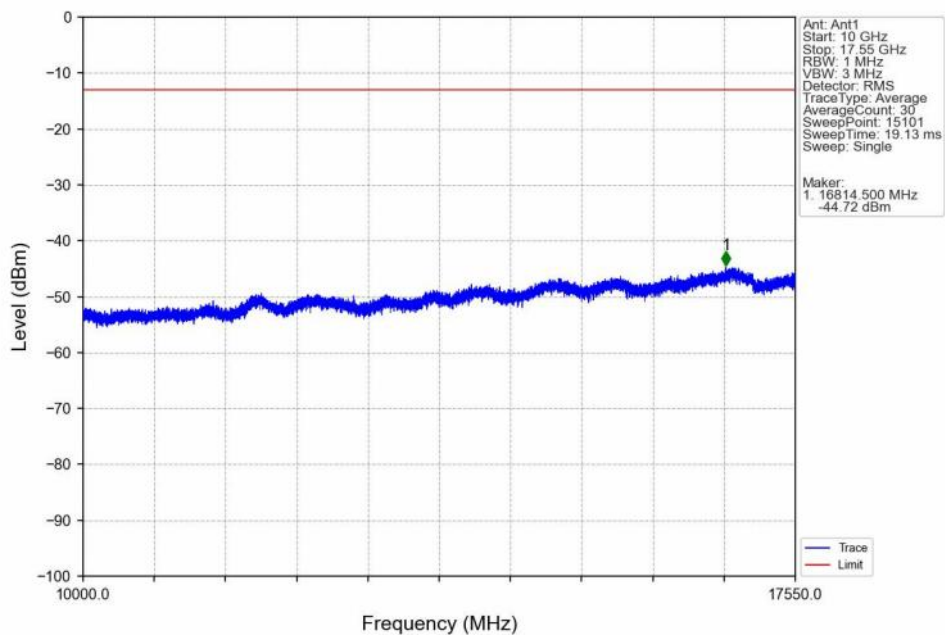
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



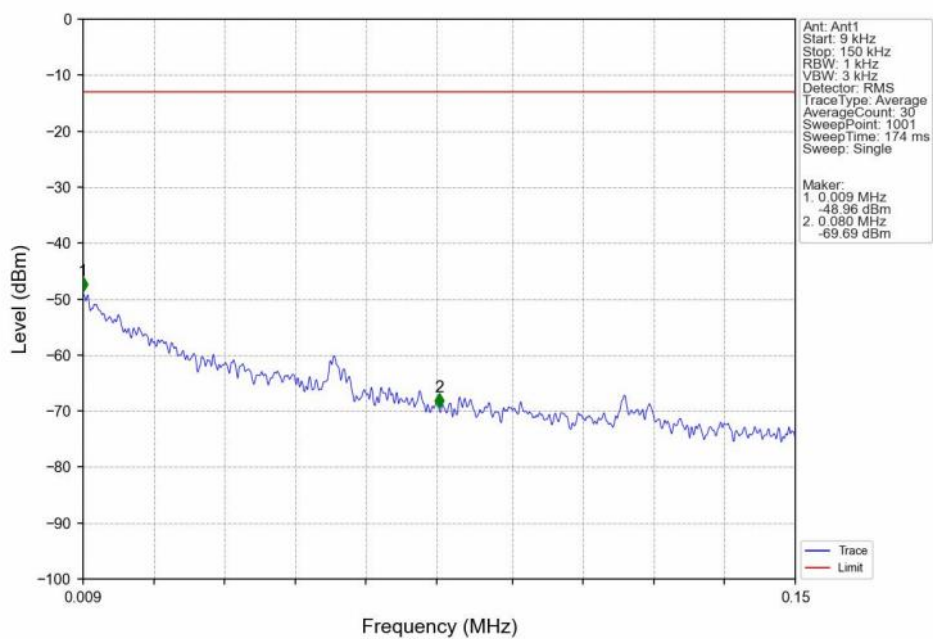
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



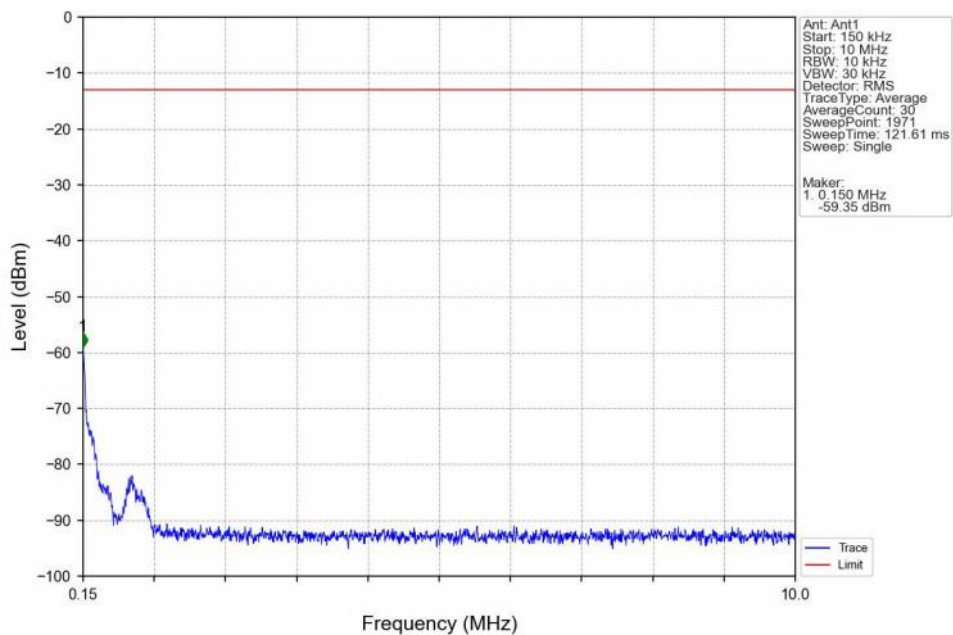
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



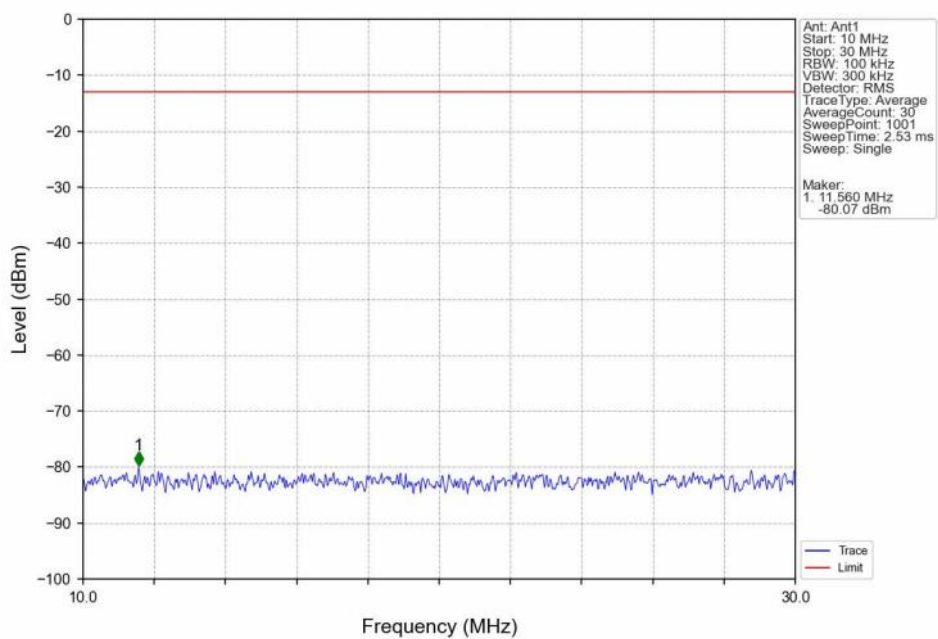
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



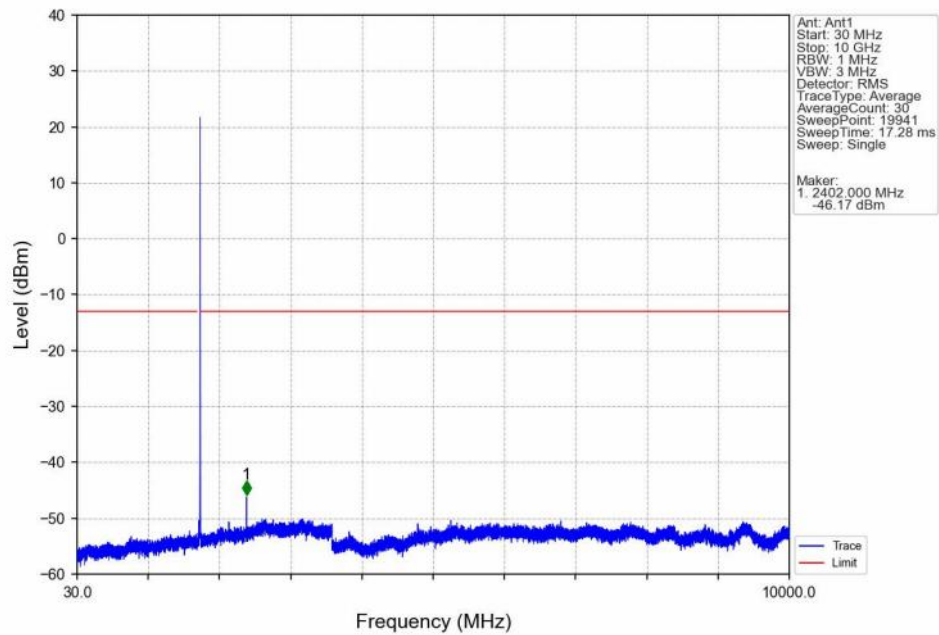
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



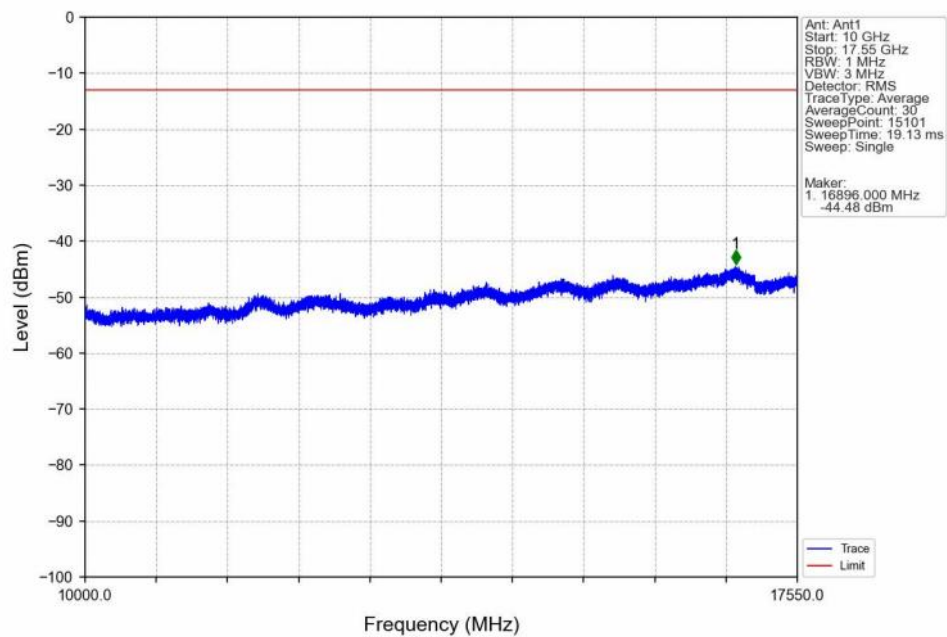
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



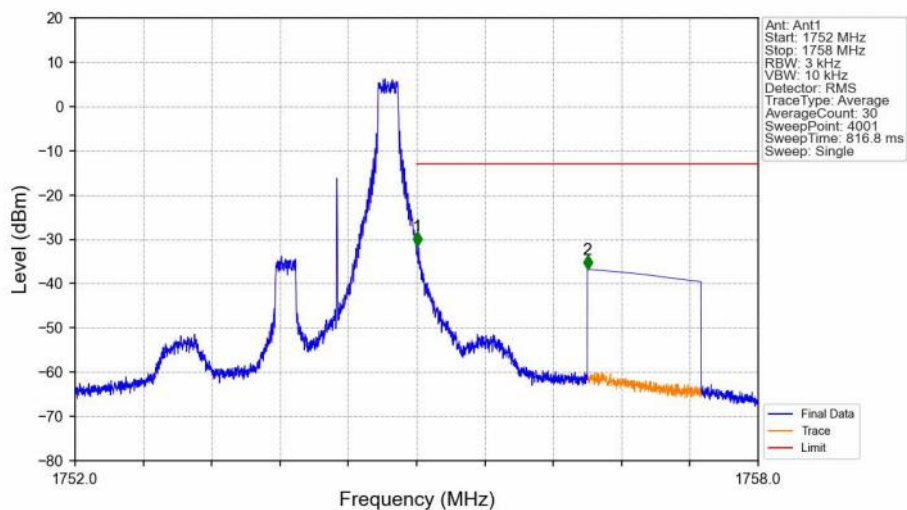
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

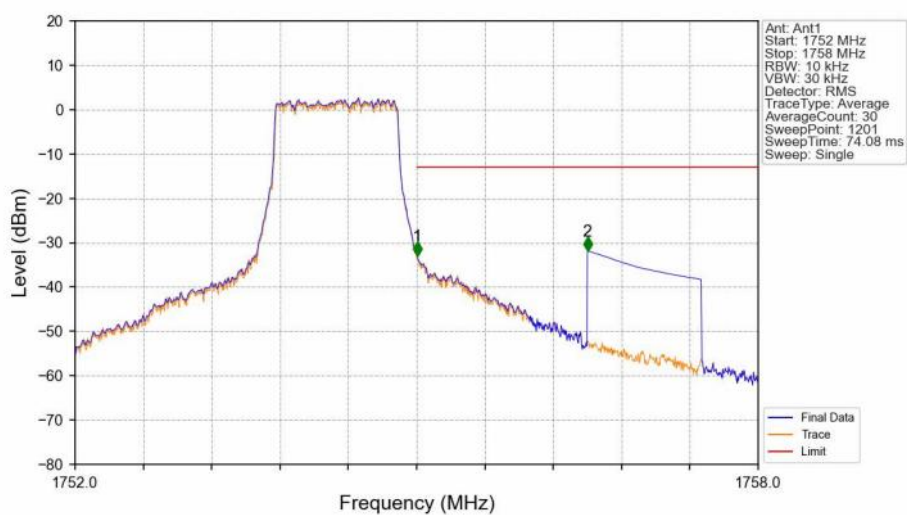


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.005	-31.42	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.77	-13	Pass

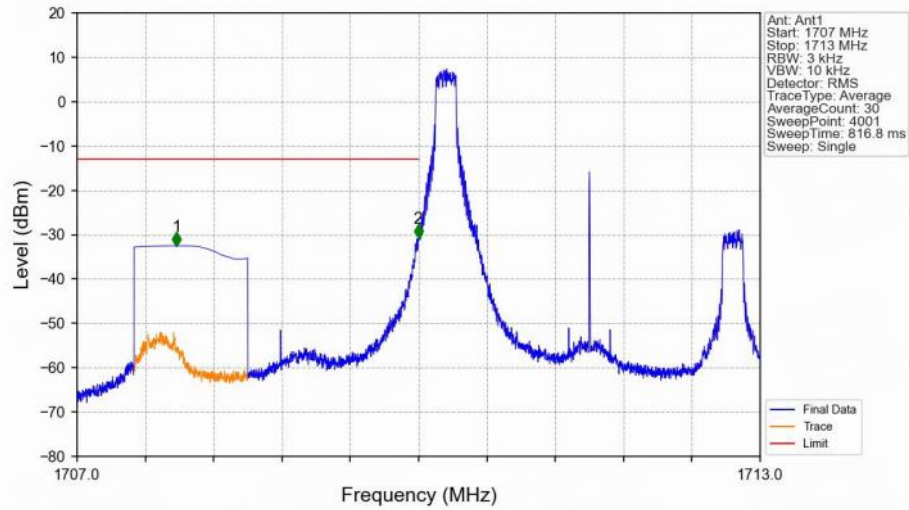
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



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	-32.90	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.80	-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

