

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	20.69	1.09	21.78	<=30	Pass
			2	20.67	1.09	21.76	<=30	Pass
			5	20.64	1.09	21.73	<=30	Pass
		3	0	20.55	1.09	21.64	<=30	Pass
			2	20.52	1.09	21.61	<=30	Pass
			3	20.43	1.09	21.52	<=30	Pass
		6	0	19.50	1.09	20.59	<=30	Pass
	1732.5	1	0	20.81	1.09	21.90	<=30	Pass
			2	20.87	1.09	21.96	<=30	Pass
			5	20.88	1.09	21.97	<=30	Pass
		3	0	20.88	1.09	21.97	<=30	Pass
			2	20.90	1.09	21.99	<=30	Pass
			3	20.90	1.09	21.99	<=30	Pass
		6	0	19.97	1.09	21.06	<=30	Pass
	1754.3	1	0	20.93	1.09	22.02	<=30	Pass
			2	20.98	1.09	22.07	<=30	Pass
			5	20.93	1.09	22.02	<=30	Pass
		3	0	20.93	1.09	22.02	<=30	Pass
			2	20.92	1.09	22.01	<=30	Pass
			3	20.93	1.09	22.02	<=30	Pass
		6	0	19.91	1.09	21.00	<=30	Pass
16QAM	1710.7	1	0	19.67	1.09	20.76	<=30	Pass
			2	19.67	1.09	20.76	<=30	Pass
			5	19.58	1.09	20.67	<=30	Pass
		3	0	19.37	1.09	20.46	<=30	Pass
			2	19.44	1.09	20.53	<=30	Pass
			3	19.46	1.09	20.55	<=30	Pass
		6	0	18.83	1.09	19.92	<=30	Pass
	1732.5	1	0	20.60	1.09	21.69	<=30	Pass
			2	20.65	1.09	21.74	<=30	Pass
			5	20.64	1.09	21.73	<=30	Pass
		3	0	19.80	1.09	20.89	<=30	Pass
			2	19.79	1.09	20.88	<=30	Pass
			3	19.73	1.09	20.82	<=30	Pass
		6	0	18.99	1.09	20.08	<=30	Pass
	1754.3	1	0	20.29	1.09	21.38	<=30	Pass
			2	20.20	1.09	21.29	<=30	Pass
			5	20.12	1.09	21.21	<=30	Pass
		3	0	19.74	1.09	20.83	<=30	Pass
			2	19.73	1.09	20.82	<=30	Pass
			3	19.70	1.09	20.79	<=30	Pass
		6	0	19.14	1.09	20.23	<=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	20.69	1.09	21.78	<=30	Pass	
			7	20.66	1.09	21.75	<=30	Pass	
			14	20.62	1.09	21.71	<=30	Pass	
		8	0	19.46	1.09	20.55	<=30	Pass	
			4	19.46	1.09	20.55	<=30	Pass	
			7	19.48	1.09	20.57	<=30	Pass	
		15	0	19.45	1.09	20.54	<=30	Pass	
		1732.5	1	0	20.77	1.09	21.86	<=30	Pass
				7	20.80	1.09	21.89	<=30	Pass
	14			20.82	1.09	21.91	<=30	Pass	
	8		0	19.82	1.09	20.91	<=30	Pass	
			4	19.80	1.09	20.89	<=30	Pass	
			7	19.82	1.09	20.91	<=30	Pass	
	15	0	19.80	1.09	20.89	<=30	Pass		
	1753.5	1	0	20.86	1.09	21.95	<=30	Pass	
			7	20.89	1.09	21.98	<=30	Pass	
			14	20.79	1.09	21.88	<=30	Pass	
		8	0	19.88	1.09	20.97	<=30	Pass	
			4	19.86	1.09	20.95	<=30	Pass	
			7	19.87	1.09	20.96	<=30	Pass	
		15	0	19.84	1.09	20.93	<=30	Pass	
16QAM		1711.5	1	0	19.72	1.09	20.81	<=30	Pass
				7	19.62	1.09	20.71	<=30	Pass
	14			19.62	1.09	20.71	<=30	Pass	
	8		0	18.78	1.09	19.87	<=30	Pass	
			4	18.78	1.09	19.87	<=30	Pass	
			7	18.75	1.09	19.84	<=30	Pass	
	15		0	18.63	1.09	19.72	<=30	Pass	
	1732.5		1	0	20.53	1.09	21.62	<=30	Pass
				7	20.59	1.09	21.68	<=30	Pass
		14		20.57	1.09	21.66	<=30	Pass	
		8	0	19.13	1.09	20.22	<=30	Pass	
			4	19.07	1.09	20.16	<=30	Pass	
			7	19.05	1.09	20.14	<=30	Pass	
	15	0	19.04	1.09	20.13	<=30	Pass		
	1753.5	1	0	19.74	1.09	20.83	<=30	Pass	
			7	19.66	1.09	20.75	<=30	Pass	
			14	19.68	1.09	20.77	<=30	Pass	
		8	0	19.01	1.09	20.10	<=30	Pass	
			4	19.03	1.09	20.12	<=30	Pass	
			7	18.96	1.09	20.05	<=30	Pass	
		15	0	18.90	1.09	19.99	<=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	20.27	1.09	21.36	<=30	Pass
			13	20.31	1.09	21.40	<=30	Pass
			24	20.26	1.09	21.35	<=30	Pass
		12	0	19.47	1.09	20.56	<=30	Pass
			6	19.44	1.09	20.53	<=30	Pass

			13	19.42	1.09	20.51	<=30	Pass	
		25	0	19.43	1.09	20.52	<=30	Pass	
	1732.5	1	0	20.71	1.09	21.80	<=30	Pass	
			13	20.77	1.09	21.86	<=30	Pass	
			24	20.72	1.09	21.81	<=30	Pass	
		12	0	19.77	1.09	20.86	<=30	Pass	
			6	19.84	1.09	20.93	<=30	Pass	
			13	19.83	1.09	20.92	<=30	Pass	
		25	0	19.79	1.09	20.88	<=30	Pass	
	1752.5	1	0	20.67	1.09	21.76	<=30	Pass	
			13	20.72	1.09	21.81	<=30	Pass	
			24	20.65	1.09	21.74	<=30	Pass	
		12	0	19.81	1.09	20.90	<=30	Pass	
			6	19.82	1.09	20.91	<=30	Pass	
			13	19.78	1.09	20.87	<=30	Pass	
		25	0	19.78	1.09	20.87	<=30	Pass	
16QAM	1712.5	1	0	19.23	1.09	20.32	<=30	Pass	
			13	19.22	1.09	20.31	<=30	Pass	
			24	19.22	1.09	20.31	<=30	Pass	
		12	0	18.67	1.09	19.76	<=30	Pass	
			6	18.72	1.09	19.81	<=30	Pass	
			13	18.65	1.09	19.74	<=30	Pass	
		25	0	18.72	1.09	19.81	<=30	Pass	
	1732.5	1	0	19.84	1.09	20.93	<=30	Pass	
			13	19.88	1.09	20.97	<=30	Pass	
			24	19.87	1.09	20.96	<=30	Pass	
		12	0	18.97	1.09	20.06	<=30	Pass	
			6	18.97	1.09	20.06	<=30	Pass	
			13	18.98	1.09	20.07	<=30	Pass	
		25	0	18.85	1.09	19.94	<=30	Pass	
	1752.5	1	0	19.55	1.09	20.64	<=30	Pass	
			13	19.49	1.09	20.58	<=30	Pass	
			24	19.44	1.09	20.53	<=30	Pass	
		12	0	18.96	1.09	20.05	<=30	Pass	
			6	18.96	1.09	20.05	<=30	Pass	
			13	18.93	1.09	20.02	<=30	Pass	
		25	0	18.96	1.09	20.05	<=30	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	20.60	1.09	21.69	<=30	Pass
			25	20.57	1.09	21.66	<=30	Pass
			49	20.70	1.09	21.79	<=30	Pass
		25	0	19.47	1.09	20.56	<=30	Pass
			13	19.49	1.09	20.58	<=30	Pass
			25	19.54	1.09	20.63	<=30	Pass
		50	0	19.47	1.09	20.56	<=30	Pass
	1732.5	1	0	20.69	1.09	21.78	<=30	Pass
			25	18.84	1.09	19.93	<=30	Pass
			49	20.82	1.09	21.91	<=30	Pass
		25	0	19.80	1.09	20.89	<=30	Pass
			13	19.80	1.09	20.89	<=30	Pass
			25	19.78	1.09	20.87	<=30	Pass

16QAM	1750	50	0	19.78	1.09	20.87	<=30	Pass	
		1	0	20.68	1.09	21.77	<=30	Pass	
			25	20.66	1.09	21.75	<=30	Pass	
			49	20.66	1.09	21.75	<=30	Pass	
			25	0	19.86	1.09	20.95	<=30	Pass
		13		19.84	1.09	20.93	<=30	Pass	
		25		19.79	1.09	20.88	<=30	Pass	
		50	0	19.83	1.09	20.92	<=30	Pass	
		1715	1	0	19.56	1.09	20.65	<=30	Pass
	25			19.60	1.09	20.69	<=30	Pass	
	49			19.66	1.09	20.75	<=30	Pass	
	25		0	16.60	1.09	17.69	<=30	Pass	
			13	18.67	1.09	19.76	<=30	Pass	
			25	18.74	1.09	19.83	<=30	Pass	
	50		0	18.61	1.09	19.70	<=30	Pass	
	1732.5		1	0	19.90	1.09	20.99	<=30	Pass
				25	20.03	1.09	21.12	<=30	Pass
				49	20.08	1.09	21.17	<=30	Pass
			25	0	18.92	1.09	20.01	<=30	Pass
				13	19.03	1.09	20.12	<=30	Pass
				25	18.96	1.09	20.05	<=30	Pass
			50	0	18.98	1.09	20.07	<=30	Pass
	1750		1	0	19.82	1.09	20.91	<=30	Pass
		25		19.78	1.09	20.87	<=30	Pass	
		49		19.76	1.09	20.85	<=30	Pass	
		25	0	18.96	1.09	20.05	<=30	Pass	
			13	18.94	1.09	20.03	<=30	Pass	
			25	18.89	1.09	19.98	<=30	Pass	
		50	0	18.89	1.09	19.98	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	20.38	1.09	21.47	<=30	Pass
			38	20.55	1.09	21.64	<=30	Pass
			74	20.64	1.09	21.73	<=30	Pass
		36	0	19.40	1.09	20.49	<=30	Pass
			18	19.59	1.09	20.68	<=30	Pass
			39	19.74	1.09	20.83	<=30	Pass
		75	0	17.65	1.09	18.74	<=30	Pass
		1	0	20.69	1.09	21.78	<=30	Pass
			38	20.83	1.09	21.92	<=30	Pass
			74	20.81	1.09	21.90	<=30	Pass
	1732.5	36	0	19.76	1.09	20.85	<=30	Pass
			18	19.80	1.09	20.89	<=30	Pass
			39	19.83	1.09	20.92	<=30	Pass
		75	0	19.80	1.09	20.89	<=30	Pass
		1	0	20.81	1.09	21.90	<=30	Pass
			38	20.85	1.09	21.94	<=30	Pass
			74	20.79	1.09	21.88	<=30	Pass
		36	0	19.81	1.09	20.90	<=30	Pass
			18	19.87	1.09	20.96	<=30	Pass
			39	19.81	1.09	20.90	<=30	Pass
		75	0	19.83	1.09	20.92	<=30	Pass

16QAM	1717.5	1	0	19.25	1.09	20.34	<=30	Pass
			38	19.35	1.09	20.44	<=30	Pass
			74	19.48	1.09	20.57	<=30	Pass
		36	0	18.74	1.09	19.83	<=30	Pass
			18	18.80	1.09	19.89	<=30	Pass
			39	18.81	1.09	19.90	<=30	Pass
		75	0	18.71	1.09	19.80	<=30	Pass
	1732.5	1	0	20.40	1.09	21.49	<=30	Pass
			38	20.58	1.09	21.67	<=30	Pass
			74	20.61	1.09	21.70	<=30	Pass
		36	0	18.83	1.09	19.92	<=30	Pass
			18	18.86	1.09	19.95	<=30	Pass
			39	18.83	1.09	19.92	<=30	Pass
		75	0	18.87	1.09	19.96	<=30	Pass
	1747.5	1	0	19.67	1.09	20.76	<=30	Pass
			38	19.69	1.09	20.78	<=30	Pass
			74	19.59	1.09	20.68	<=30	Pass
		36	0	19.00	1.09	20.09	<=30	Pass
			18	19.03	1.09	20.12	<=30	Pass
			39	19.01	1.09	20.10	<=30	Pass
		75	0	18.95	1.09	20.04	<=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	20.45	1.09	21.54	<=30	Pass
			50	20.54	1.09	21.63	<=30	Pass
			99	20.72	1.09	21.81	<=30	Pass
		50	0	19.48	1.09	20.57	<=30	Pass
			25	19.58	1.09	20.67	<=30	Pass
			50	19.66	1.09	20.75	<=30	Pass
		100	0	19.54	1.09	20.63	<=30	Pass
	1732.5	1	0	20.92	1.09	22.01	<=30	Pass
			50	21.10	1.09	22.19	<=30	Pass
			99	21.13	1.09	22.22	<=30	Pass
		50	0	19.72	1.09	20.81	<=30	Pass
			25	19.81	1.09	20.90	<=30	Pass
			50	19.85	1.09	20.94	<=30	Pass
		100	0	19.82	1.09	20.91	<=30	Pass
	1745	1	0	20.73	1.09	21.82	<=30	Pass
			50	20.80	1.09	21.89	<=30	Pass
			99	20.78	1.09	21.87	<=30	Pass
		50	0	19.83	1.09	20.92	<=30	Pass
			25	19.86	1.09	20.95	<=30	Pass
			50	19.84	1.09	20.93	<=30	Pass
		100	0	19.81	1.09	20.90	<=30	Pass
16QAM	1720	1	0	19.71	1.09	20.80	<=30	Pass
			50	19.87	1.09	20.96	<=30	Pass
			99	19.97	1.09	21.06	<=30	Pass
		50	0	18.73	1.09	19.82	<=30	Pass
			25	18.73	1.09	19.82	<=30	Pass
			50	18.76	1.09	19.85	<=30	Pass
		100	0	18.75	1.09	19.84	<=30	Pass
	1732.5	1	0	19.53	1.09	20.62	<=30	Pass

		50	50	19.71	1.09	20.80	<=30	Pass
			99	19.78	1.09	20.87	<=30	Pass
			0	18.85	1.09	19.94	<=30	Pass
			25	18.93	1.09	20.02	<=30	Pass
			50	18.93	1.09	20.02	<=30	Pass
	1745	100	0	18.88	1.09	19.97	<=30	Pass
			0	19.85	1.09	20.94	<=30	Pass
			50	19.93	1.09	21.02	<=30	Pass
		1	99	19.83	1.09	20.92	<=30	Pass
			0	19.03	1.09	20.12	<=30	Pass
			25	19.06	1.09	20.15	<=30	Pass
		50	50	19.01	1.09	20.10	<=30	Pass
			0	18.98	1.09	20.07	<=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	0.615	0.0004	-2.5 to 2.5	Pass
					3.85	1.559	0.0009	-2.5 to 2.5	Pass
					4.43	1.860	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.945	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.589	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.532	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.246	0.0013	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.502	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	2.460	0.0014	-2.5 to 2.5	Pass
					3.85	1.388	0.0008	-2.5 to 2.5	Pass
					4.43	1.245	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.144	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.974	0.0011	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	50	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				20	3.27	2.789	0.0016	-2.5 to 2.5	Pass
					3.85	1.187	0.0007	-2.5 to 2.5	Pass
					4.43	0.787	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.389	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.386	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
	1732.5	6	0	40	3.85	0.944	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				20	3.27	-0.801	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.257	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass
	1754.3	6	0	30	3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0017	-2.5 to 2.5	Pass
				20	3.27	1.173	0.0007	-2.5 to 2.5	Pass
					3.85	1.445	0.0008	-2.5 to 2.5	Pass
					4.43	1.016	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.173	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.916	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0002	-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	0.587	0.0003	-2.5 to 2.5	Pass
					3.85	1.502	0.0009	-2.5 to 2.5	Pass
					4.43	1.645	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	1.116	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.731	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.429	0.0003	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-1.245	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.772	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass

				0	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	0.672	0.0004	-2.5 to 2.5	Pass
					3.85	0.472	0.0003	-2.5 to 2.5	Pass
					4.43	0.272	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				0	3.85	1.316	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.574	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	1.030	0.0006	-2.5 to 2.5	Pass
					3.85	0.687	0.0004	-2.5 to 2.5	Pass
					4.43	0.372	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				30	3.85	1.931	0.0011	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	1.874	0.0011	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-1.545	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.945	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-0.887	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
					4.43	0.443	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.458	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.215	-0.0001	-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	0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-0.529	-0.0003	-2.5 to 2.5	Pass

					4.43	-0.272	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.688	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-0.257	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.373	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-0.687	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
					4.43	0.157	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
					4.43	0.987	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
	1732.5	25	0	30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				20	3.27	0.429	0.0002	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.558	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
	1752.5	25	0	-10	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-0.844	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
					4.43	0.930	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass

				0	3.85	0.443	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0003	-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	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-1.674	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.316	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.159	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.503	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-1.101	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-0.587	-0.0003	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass

					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-1.216	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.574	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.916	-0.0005	-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	-1.202	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.030	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.644	-0.0004	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-1.817	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.445	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-0.758	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.844	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.174	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0006	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				20	3.27	-1.531	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.144	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.473	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0014	-2.5 to 2.5	Pass
	1732.5	75	0	30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-1.731	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.772	-0.0004	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.973	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.574	-0.0009	-2.5 to 2.5	Pass
	1747.5	75	0	10	3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.372	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-2.346	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-0.358	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.315	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.202	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0011	-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	-0.386	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-0.315	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.445	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass

				-10	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
	1745	100	0	50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				20	3.27	1.044	0.0006	-2.5 to 2.5	Pass
					3.85	0.744	0.0004	-2.5 to 2.5	Pass
					4.43	0.873	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.016	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	0.043	0.0000	-2.5 to 2.5	Pass
					4.43	-0.143	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.588	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.074	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.616	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.516	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-0.157	-0.0001	-2.5 to 2.5	Pass
					3.85	1.302	0.0007	-2.5 to 2.5	Pass
					4.43	0.887	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.844	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.944	0.0005	-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 / NTN/V						
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

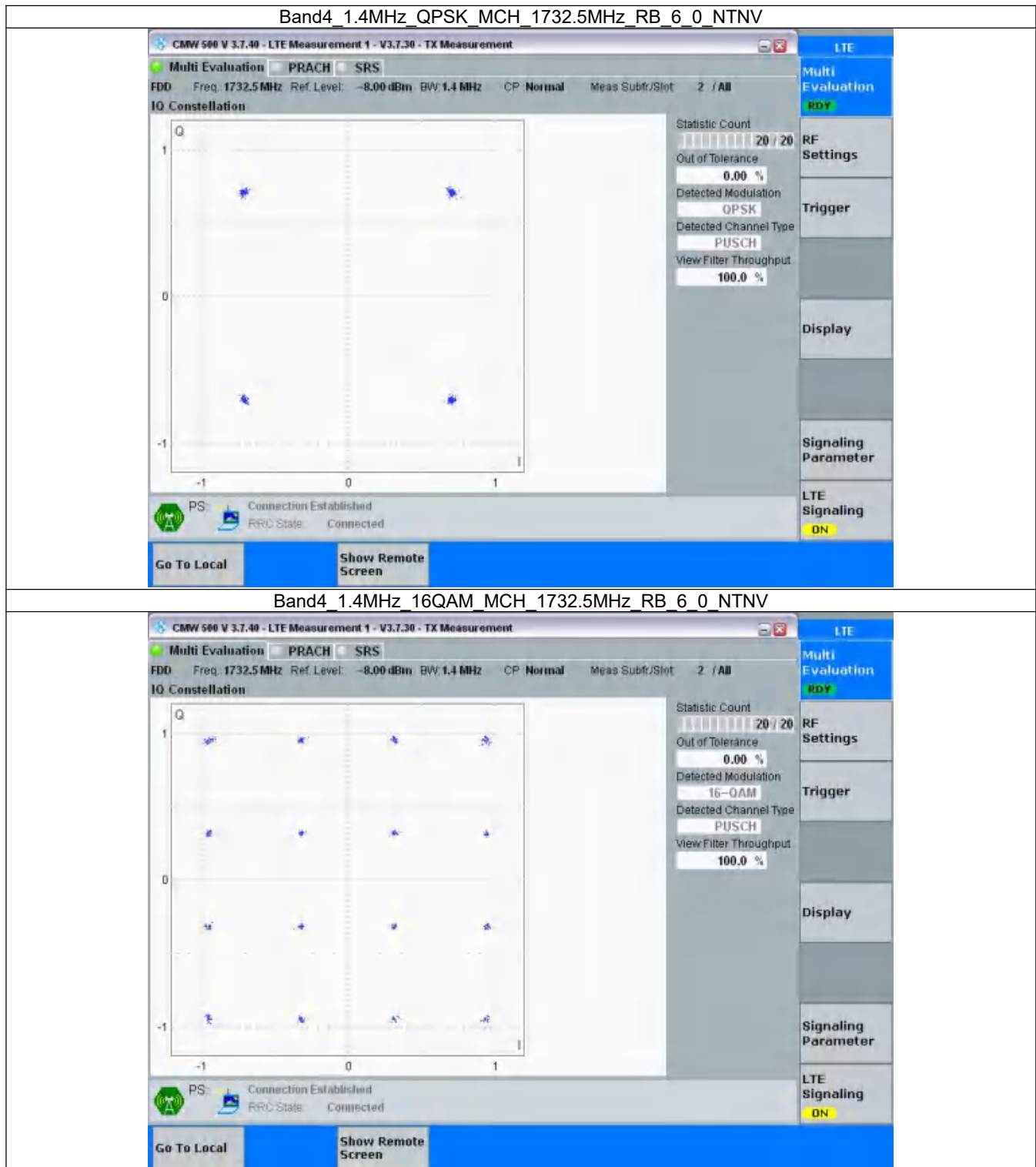
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

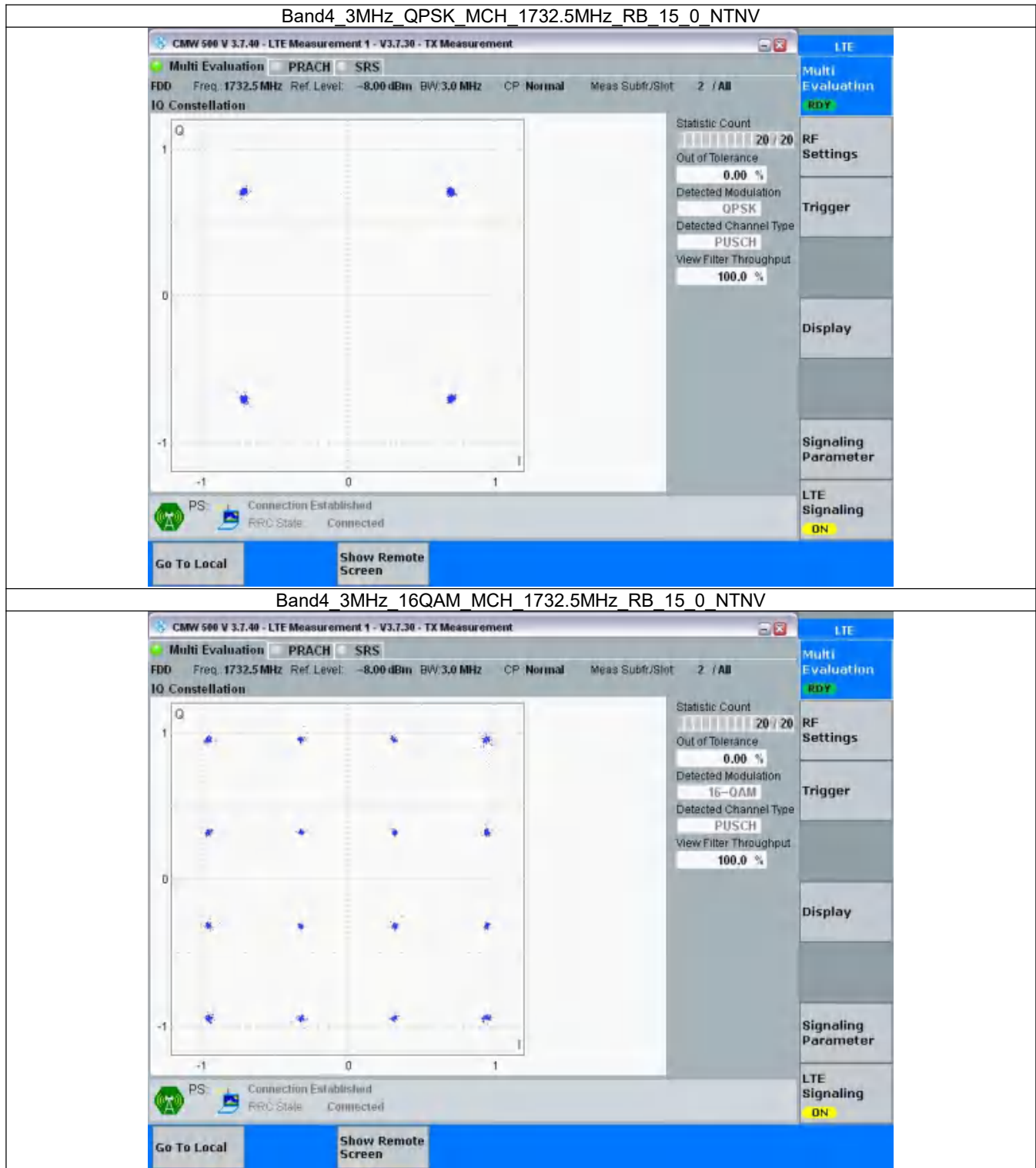
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

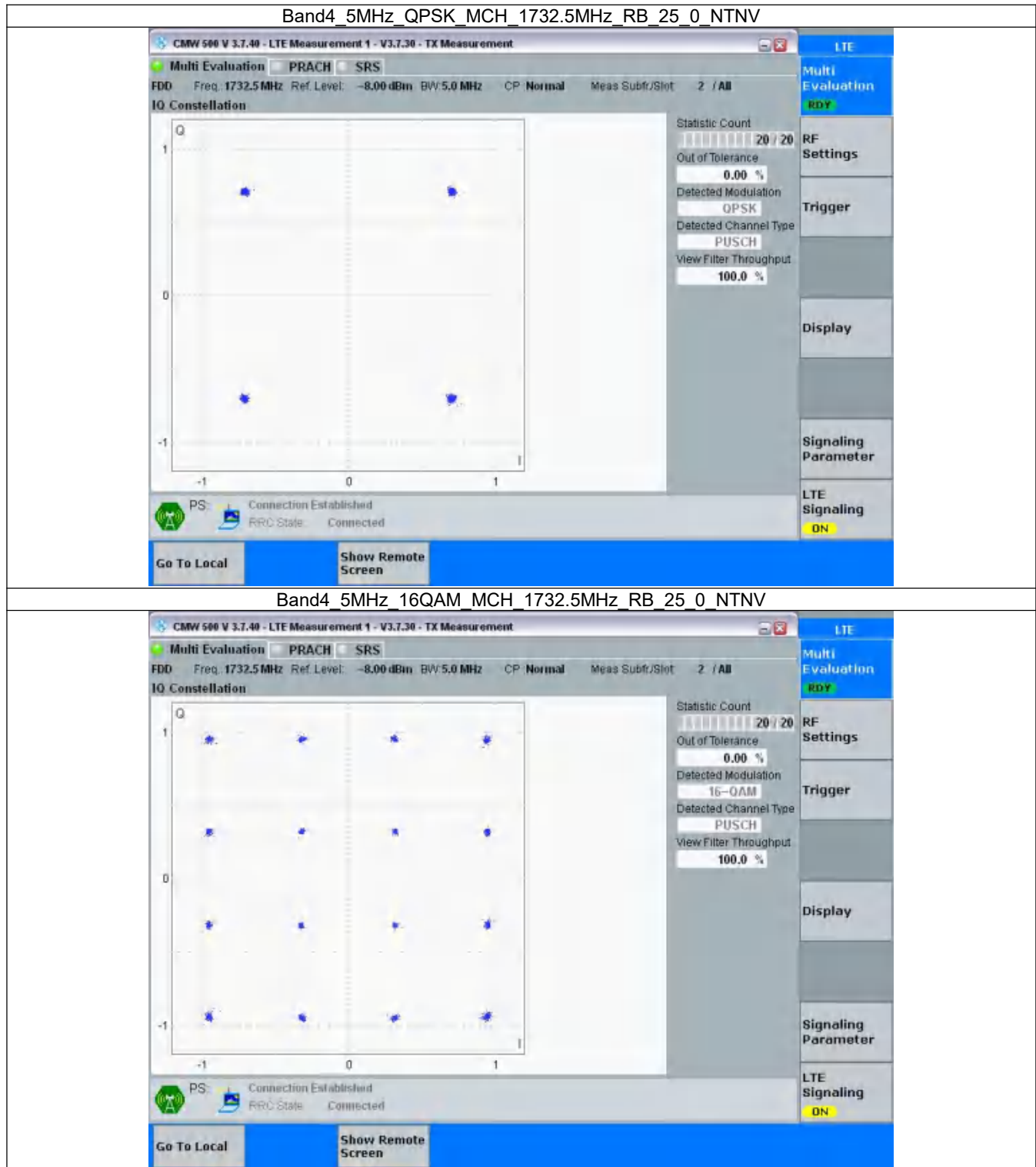
3.2.1 B4_1.4MHz



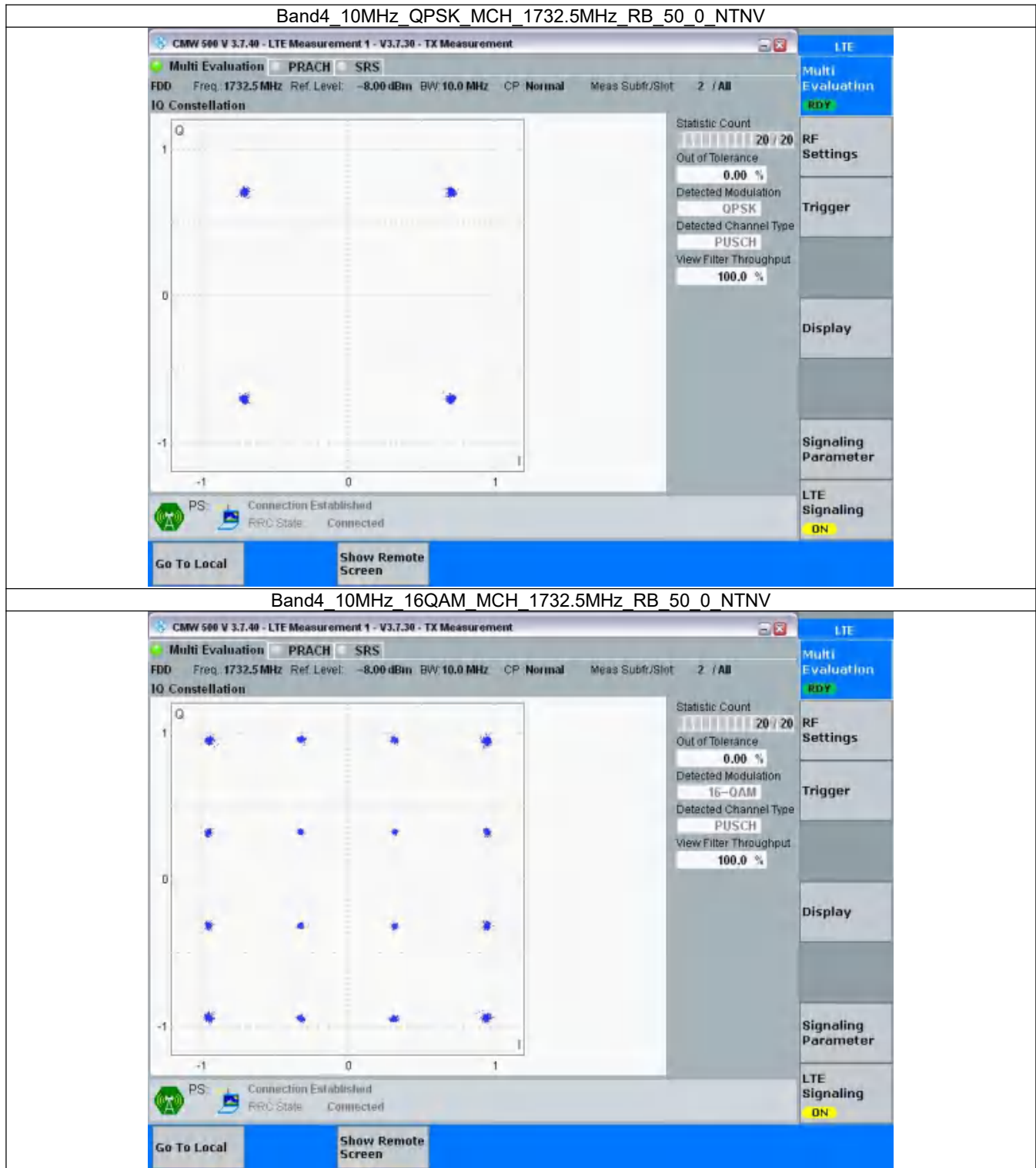
3.2.2 B4_3MHz



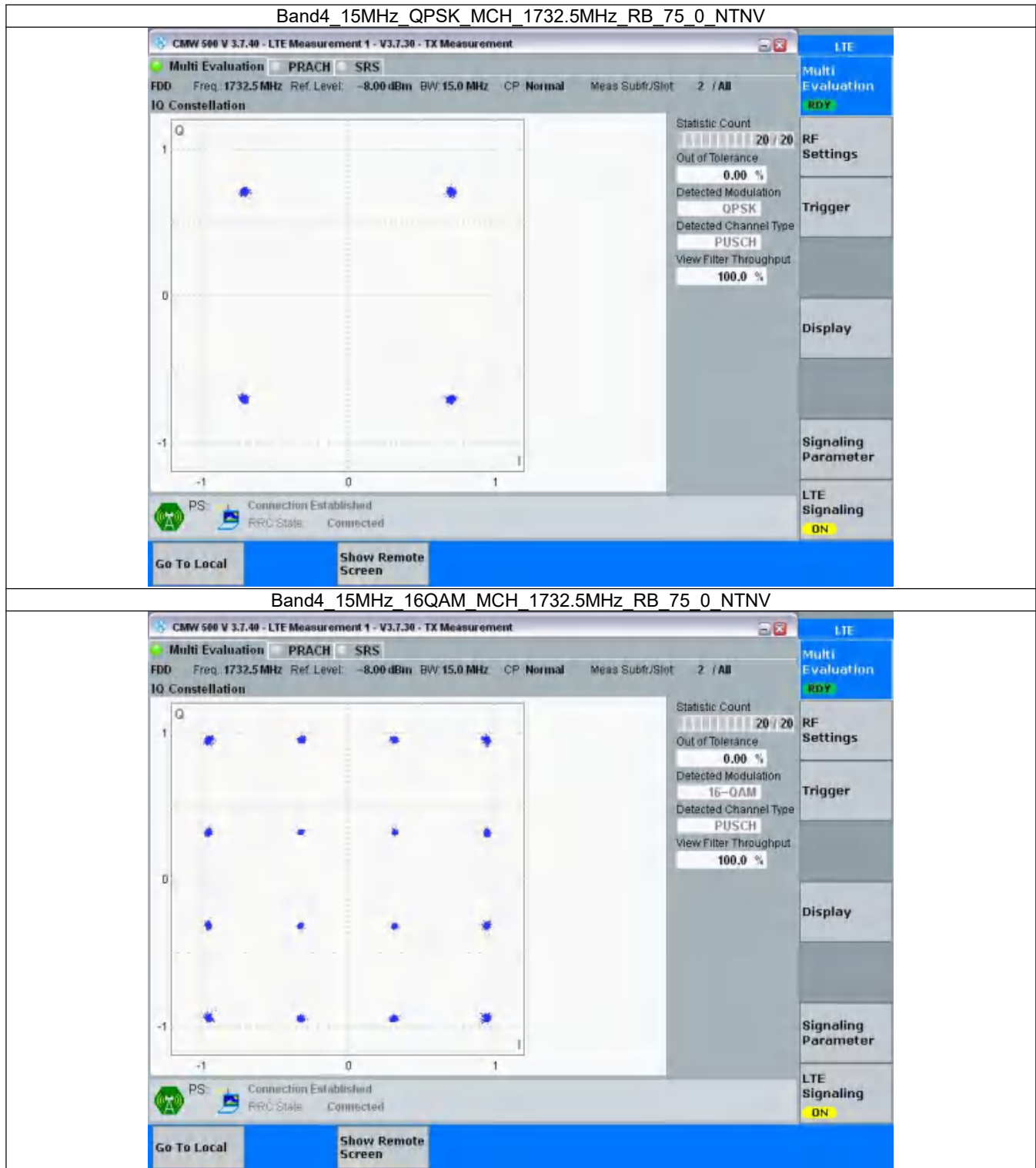
3.2.3 B4_5MHz



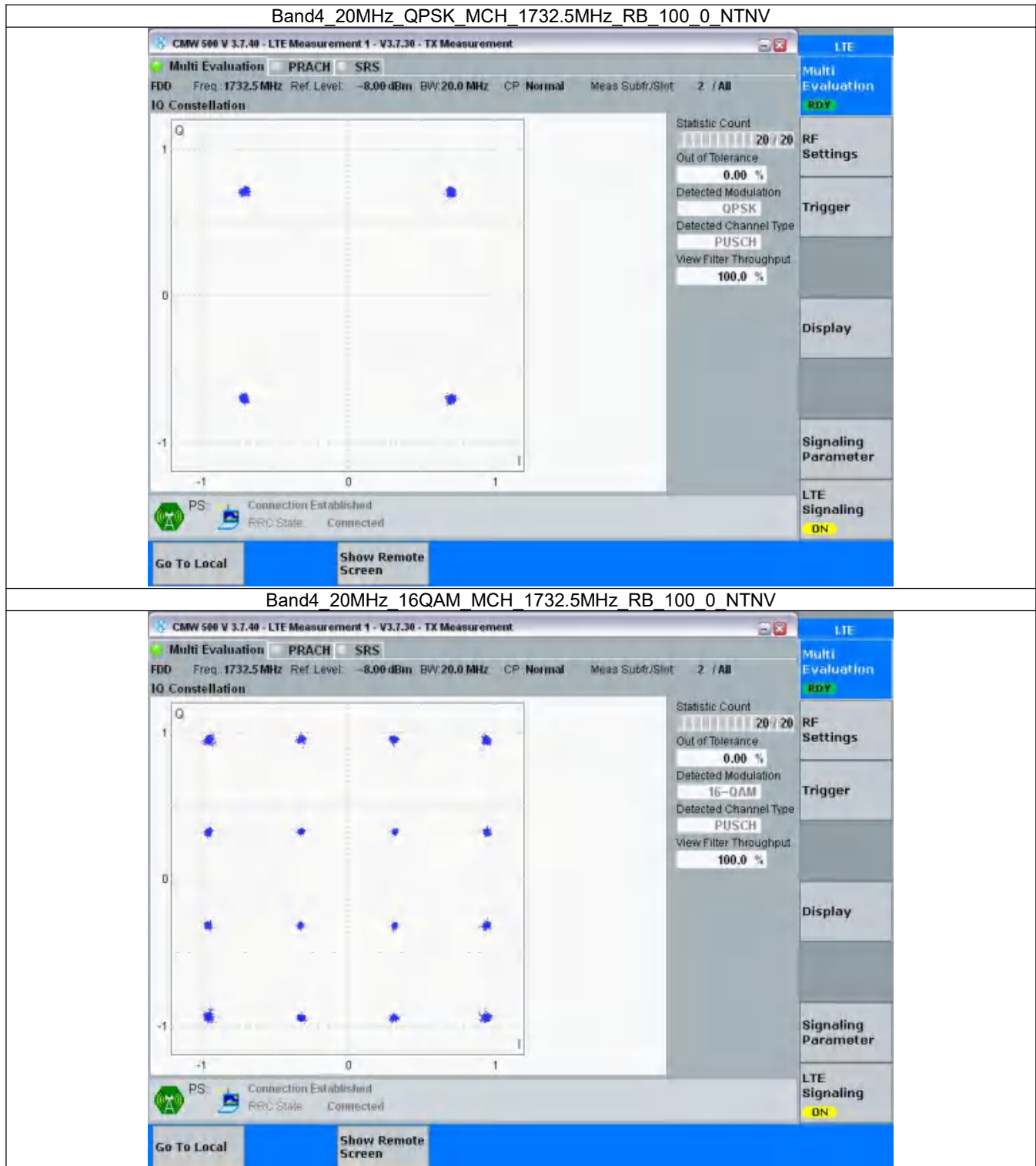
3.2.4 B4_10MHz



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 / NTN							
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	1.102	/	Pass
		1754.3	6	0	1.096	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.100	/	Pass
3	QPSK	1711.5	15	0	2.712	/	Pass
		1732.5	15	0	2.720	/	Pass
		1753.5	15	0	2.718	/	Pass
	16QAM	1711.5	15	0	2.717	/	Pass
		1732.5	15	0	2.715	/	Pass
		1753.5	15	0	2.716	/	Pass
5	QPSK	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.569	/	Pass
	16QAM	1712.5	25	0	4.585	/	Pass
		1732.5	25	0	4.572	/	Pass
		1752.5	25	0	4.558	/	Pass
10	QPSK	1715	50	0	9.093	/	Pass
		1732.5	50	0	9.051	/	Pass
		1750	50	0	9.058	/	Pass
	16QAM	1715	50	0	9.056	/	Pass
		1732.5	50	0	9.047	/	Pass
		1750	50	0	9.046	/	Pass
15	QPSK	1717.5	75	0	13.568	/	Pass
		1732.5	75	0	13.525	/	Pass
		1747.5	75	0	13.592	/	Pass
	16QAM	1717.5	75	0	13.571	/	Pass
		1732.5	75	0	13.579	/	Pass
		1747.5	75	0	13.549	/	Pass
20	QPSK	1720	100	0	18.088	/	Pass
		1732.5	100	0	18.055	/	Pass
		1745	100	0	18.108	/	Pass
	16QAM	1720	100	0	18.078	/	Pass
		1732.5	100	0	18.034	/	Pass
		1745	100	0	18.096	/	Pass

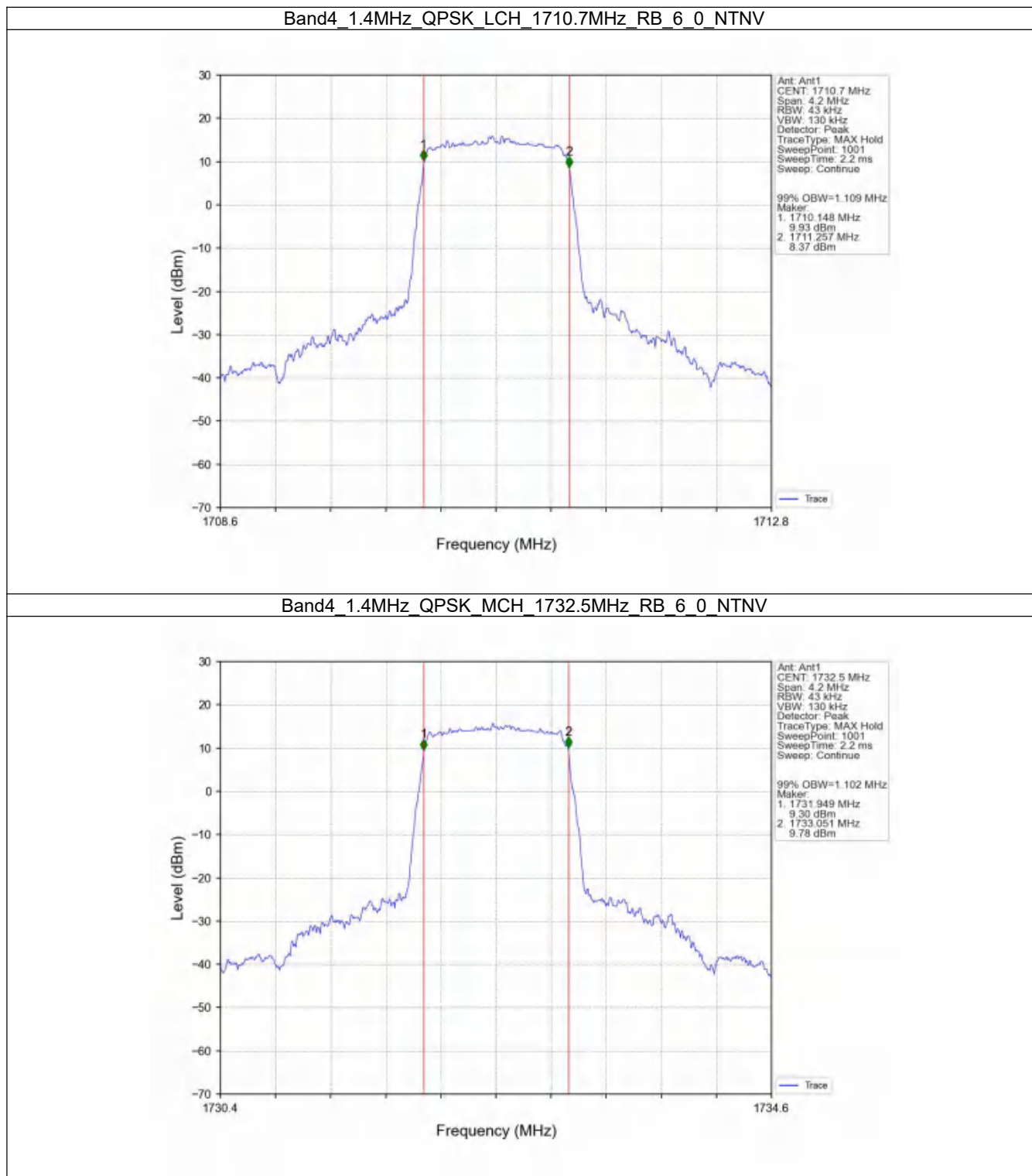
4.1.2 Band4_XDB

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.259	/	Pass
		1732.5	6	0	1.269	/	Pass

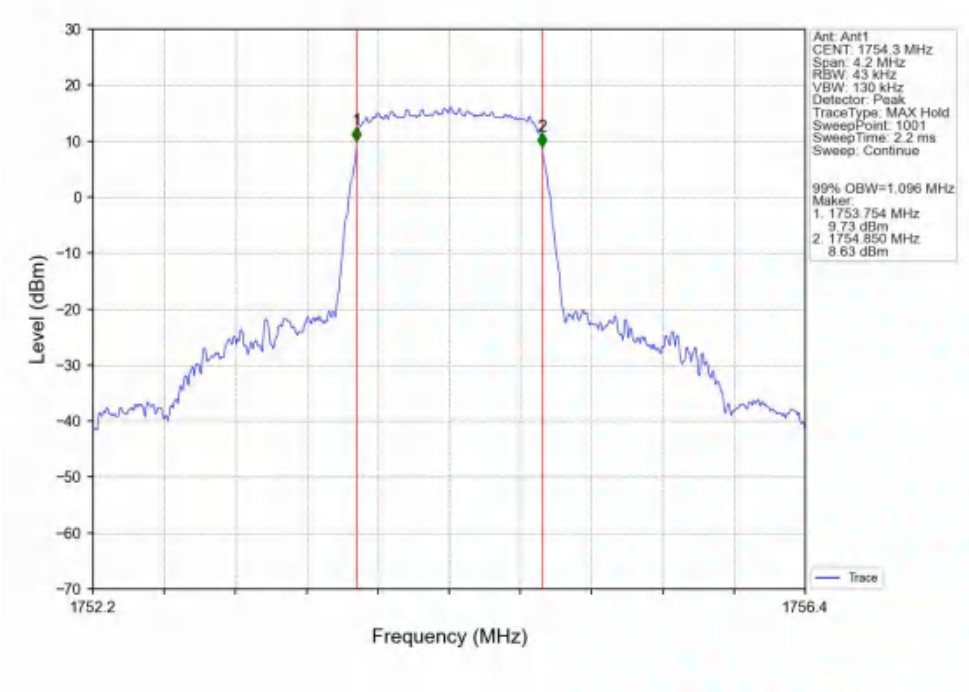
	16QAM	1754.3	6	0	1.260	/	Pass
		1710.7	6	0	1.267	/	Pass
		1732.5	6	0	1.272	/	Pass
		1754.3	6	0	1.259	/	Pass
3	QPSK	1711.5	15	0	2.971	/	Pass
		1732.5	15	0	2.960	/	Pass
		1753.5	15	0	2.971	/	Pass
	16QAM	1711.5	15	0	2.978	/	Pass
		1732.5	15	0	2.972	/	Pass
		1753.5	15	0	2.960	/	Pass
5	QPSK	1712.5	25	0	5.035	/	Pass
		1732.5	25	0	5.074	/	Pass
		1752.5	25	0	5.056	/	Pass
	16QAM	1712.5	25	0	5.059	/	Pass
		1732.5	25	0	5.087	/	Pass
		1752.5	25	0	5.059	/	Pass
10	QPSK	1715	50	0	10.040	/	Pass
		1732.5	50	0	10.042	/	Pass
		1750	50	0	10.046	/	Pass
	16QAM	1715	50	0	10.032	/	Pass
		1732.5	50	0	10.039	/	Pass
		1750	50	0	10.030	/	Pass
15	QPSK	1717.5	75	0	15.178	/	Pass
		1732.5	75	0	15.032	/	Pass
		1747.5	75	0	15.192	/	Pass
	16QAM	1717.5	75	0	15.213	/	Pass
		1732.5	75	0	15.126	/	Pass
		1747.5	75	0	15.213	/	Pass
20	QPSK	1720	100	0	20.174	/	Pass
		1732.5	100	0	19.987	/	Pass
		1745	100	0	19.993	/	Pass
	16QAM	1720	100	0	19.932	/	Pass
		1732.5	100	0	20.046	/	Pass
		1745	100	0	19.956	/	Pass

4.2 Test Graph

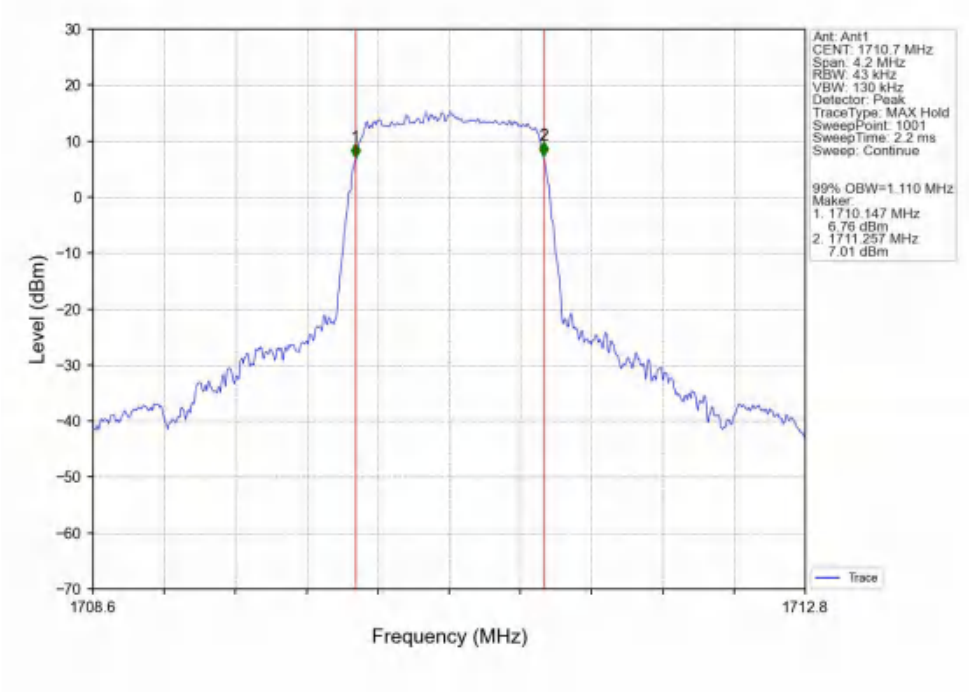
4.2.1 Band4_OBW



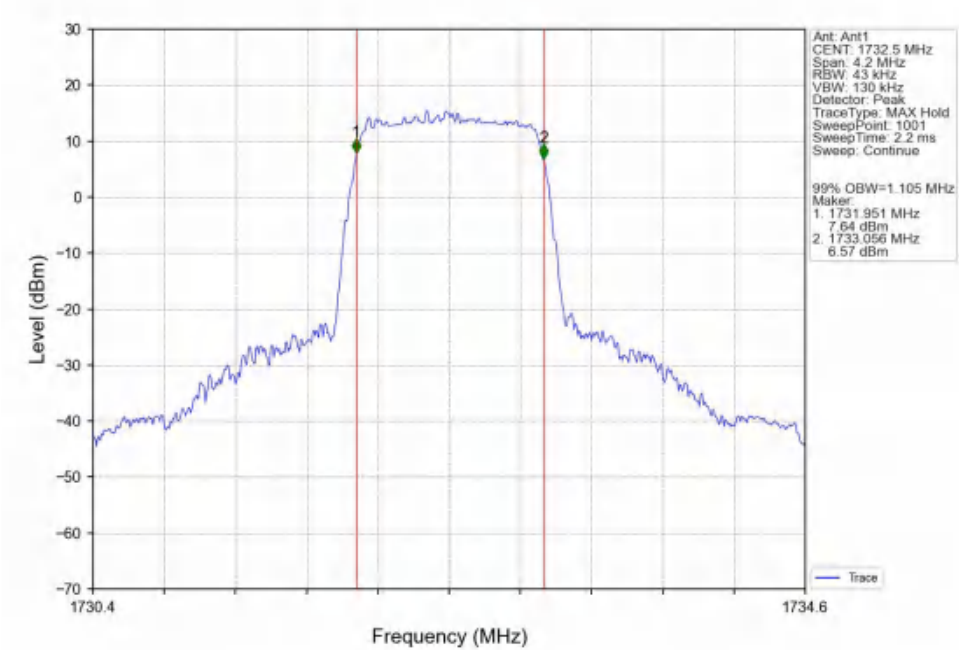
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



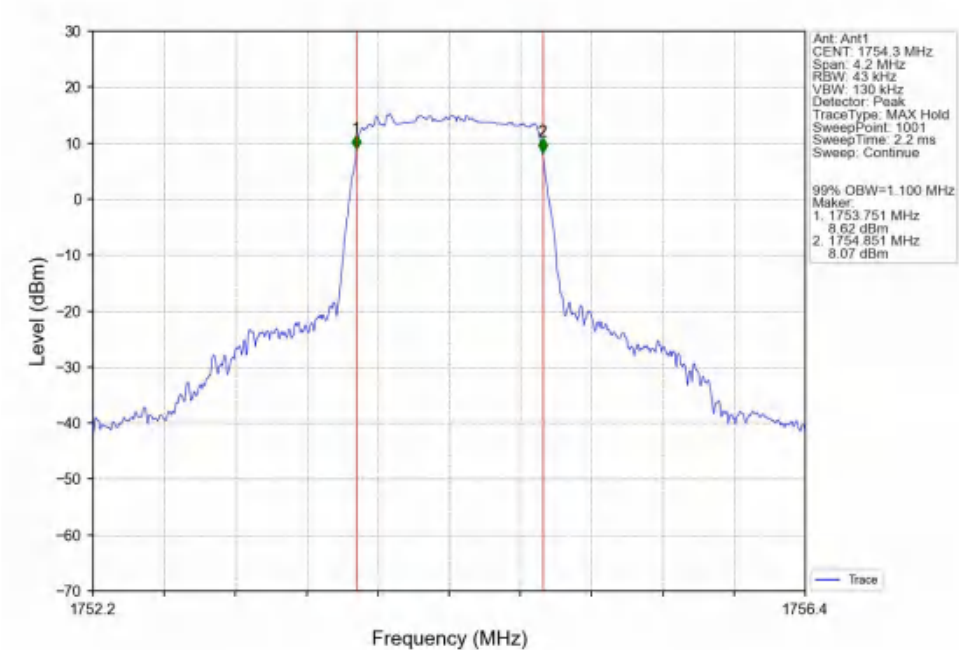
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



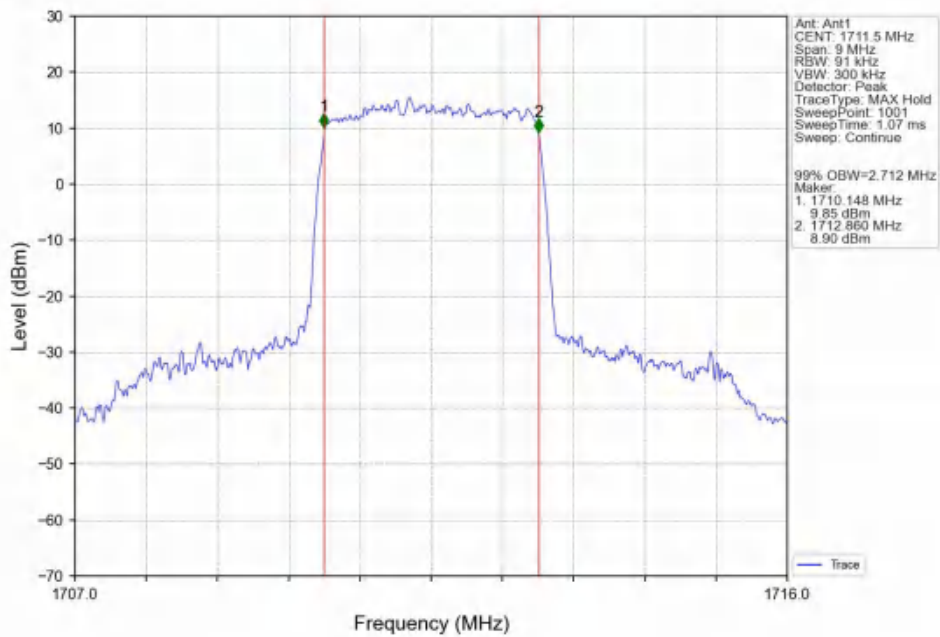
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



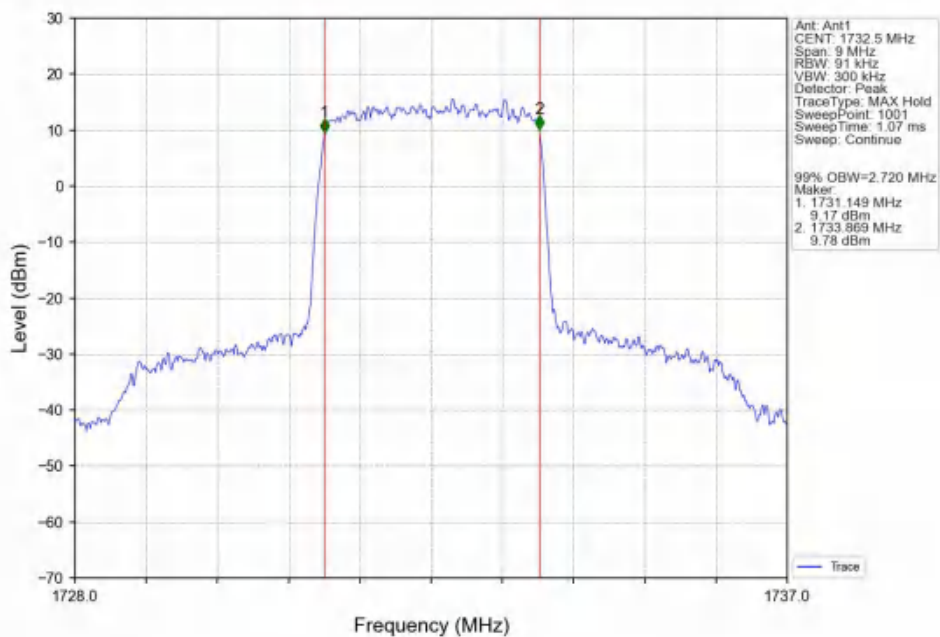
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



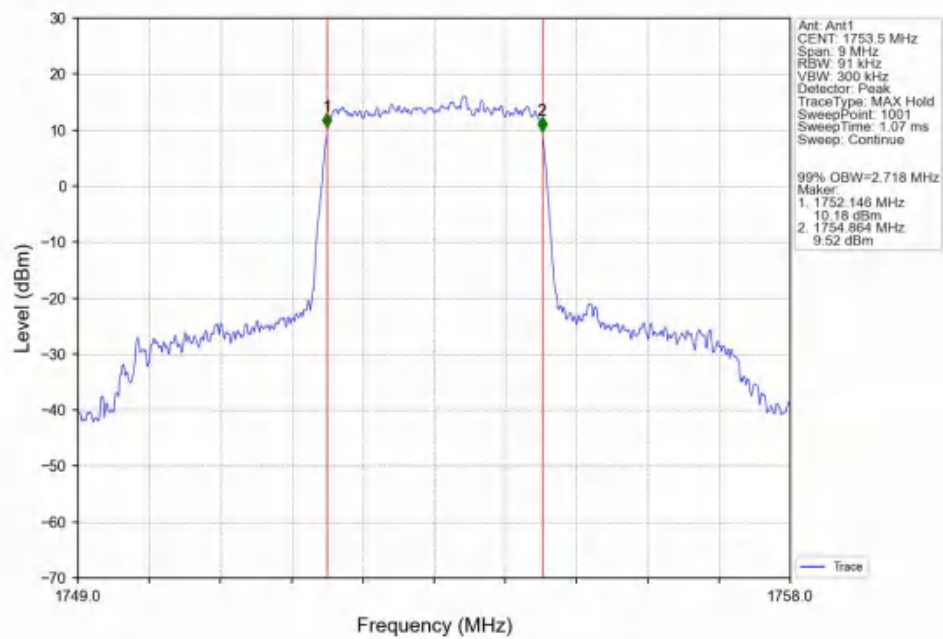
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



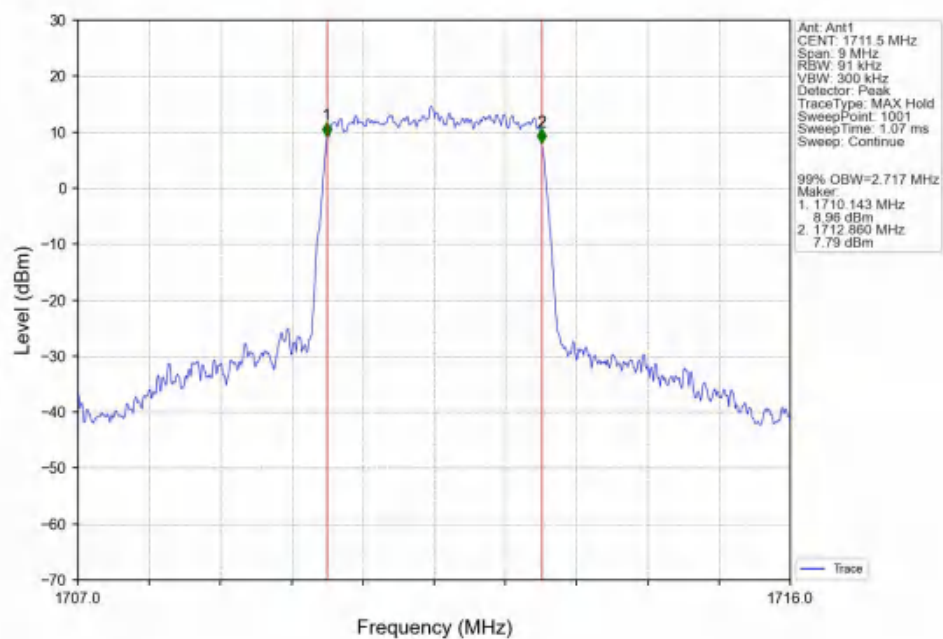
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



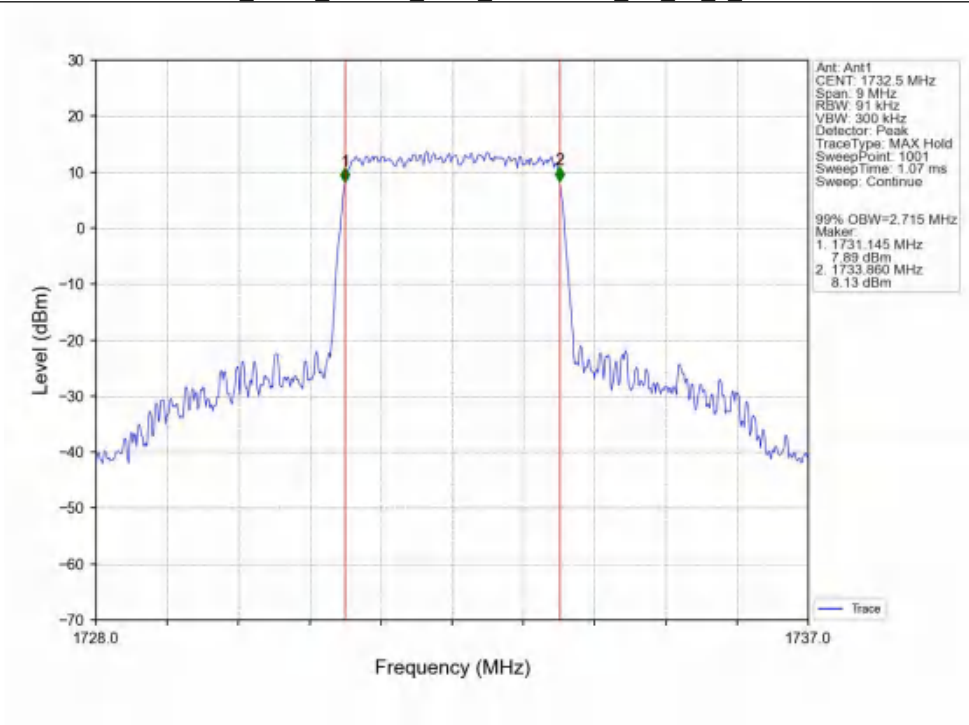
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



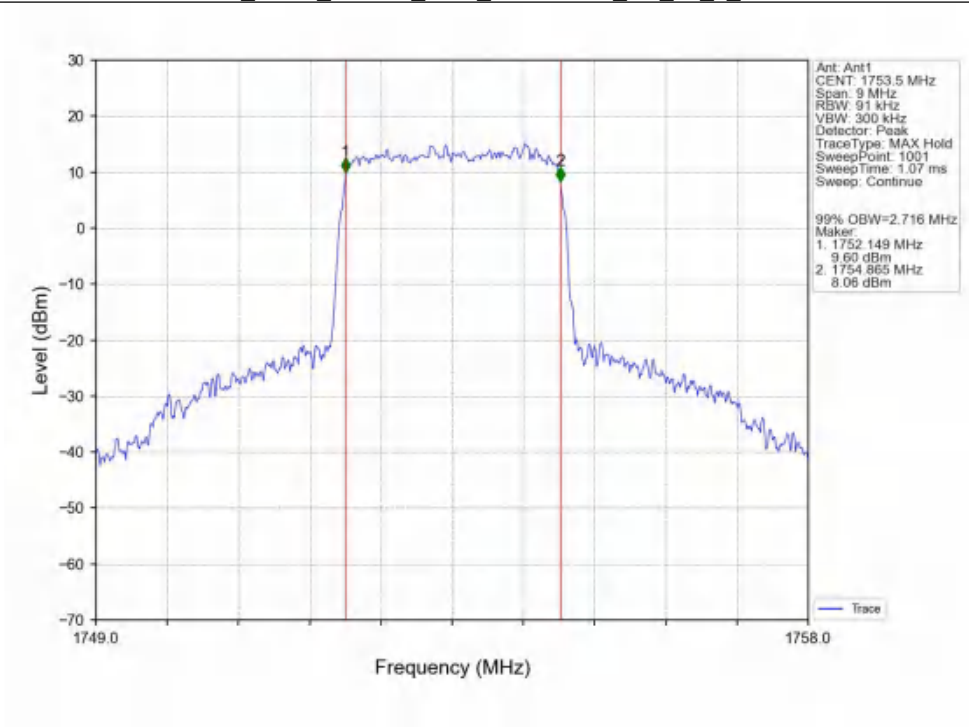
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



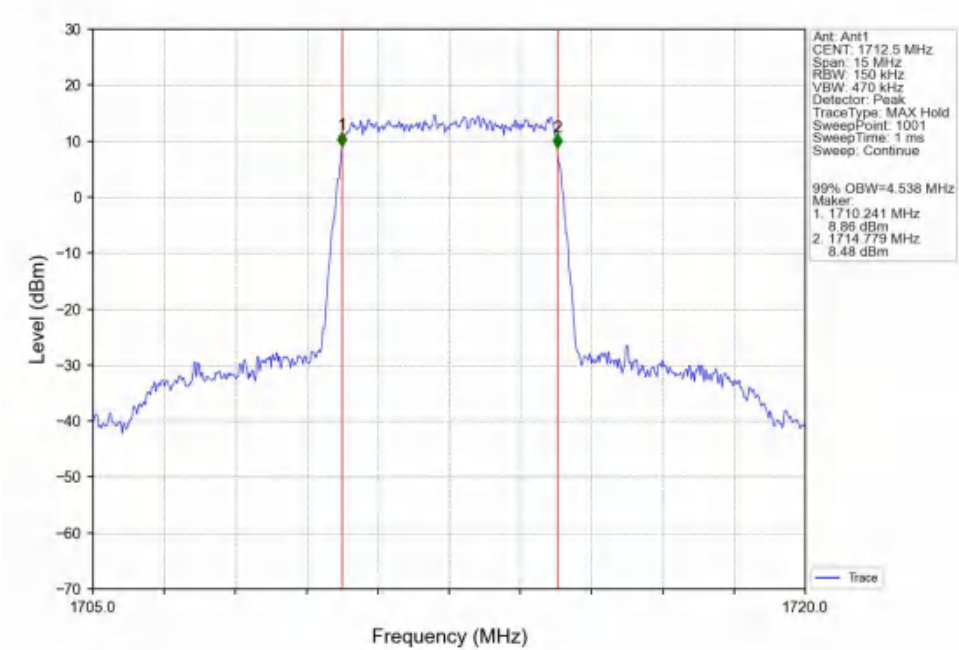
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



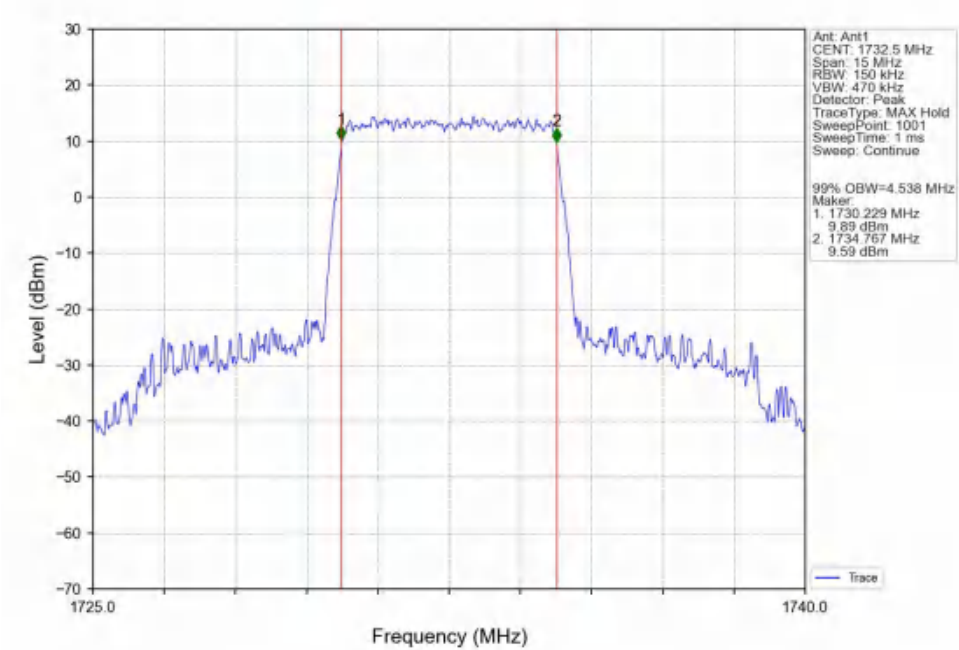
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



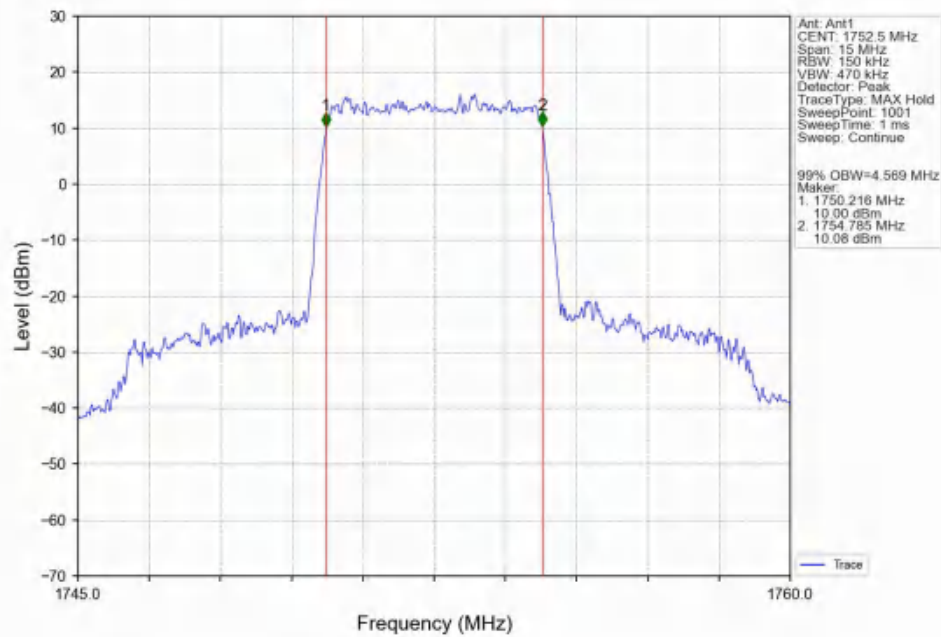
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



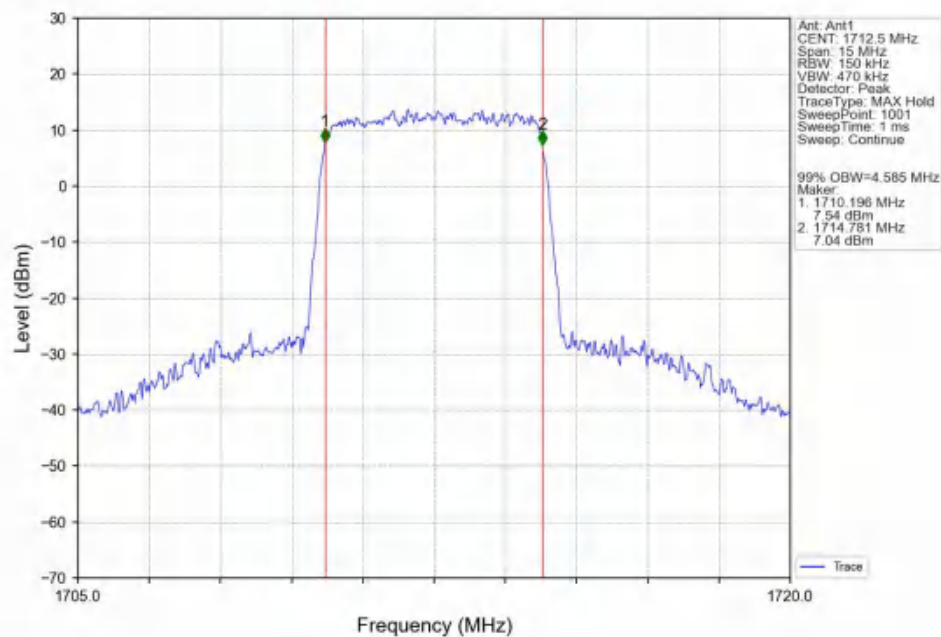
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



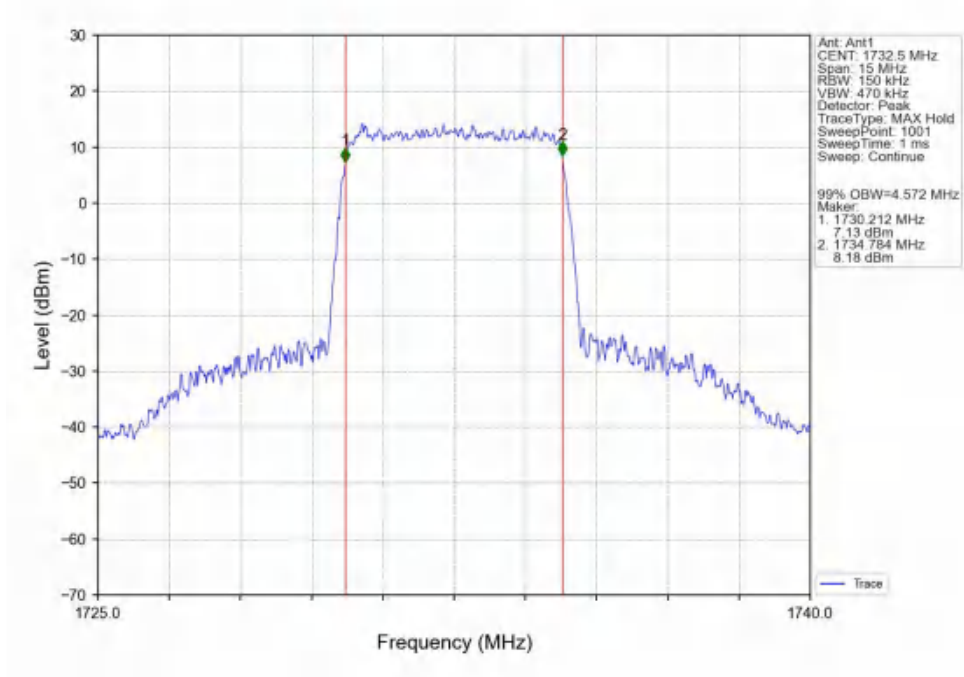
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



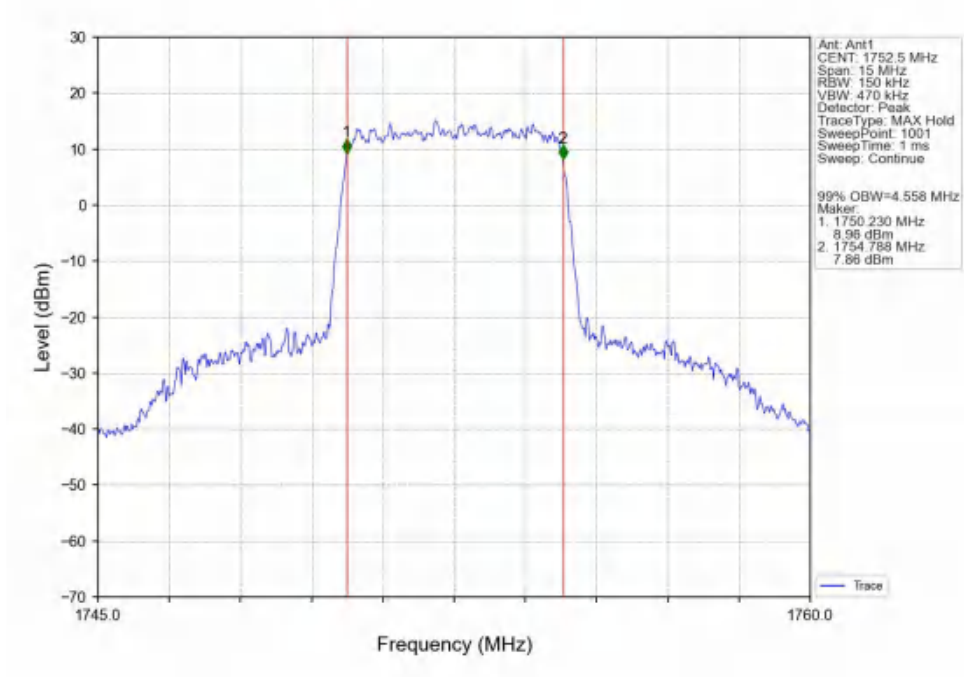
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



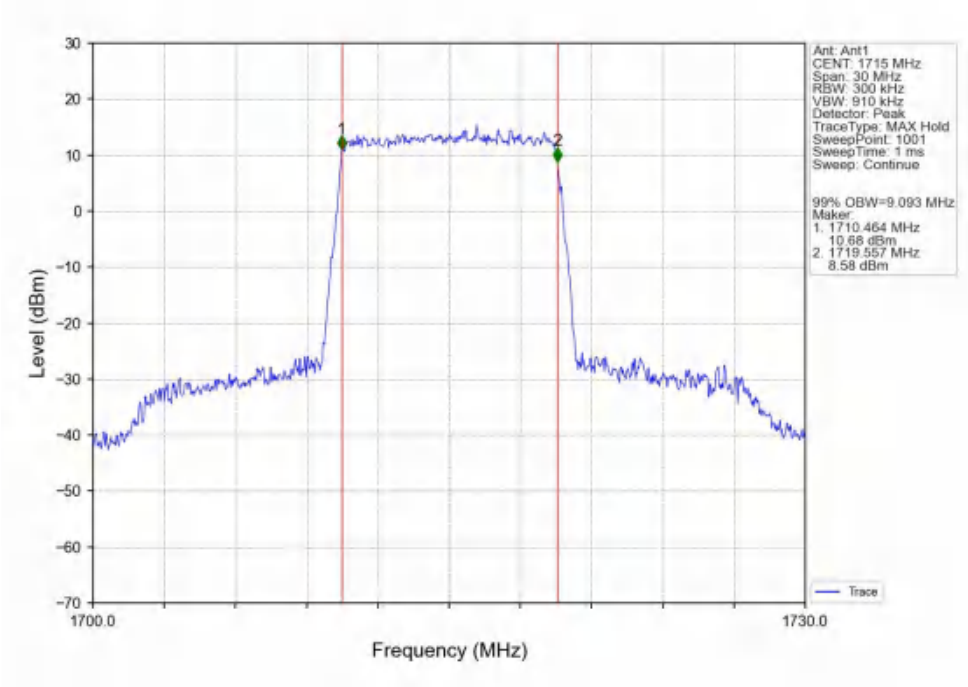
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



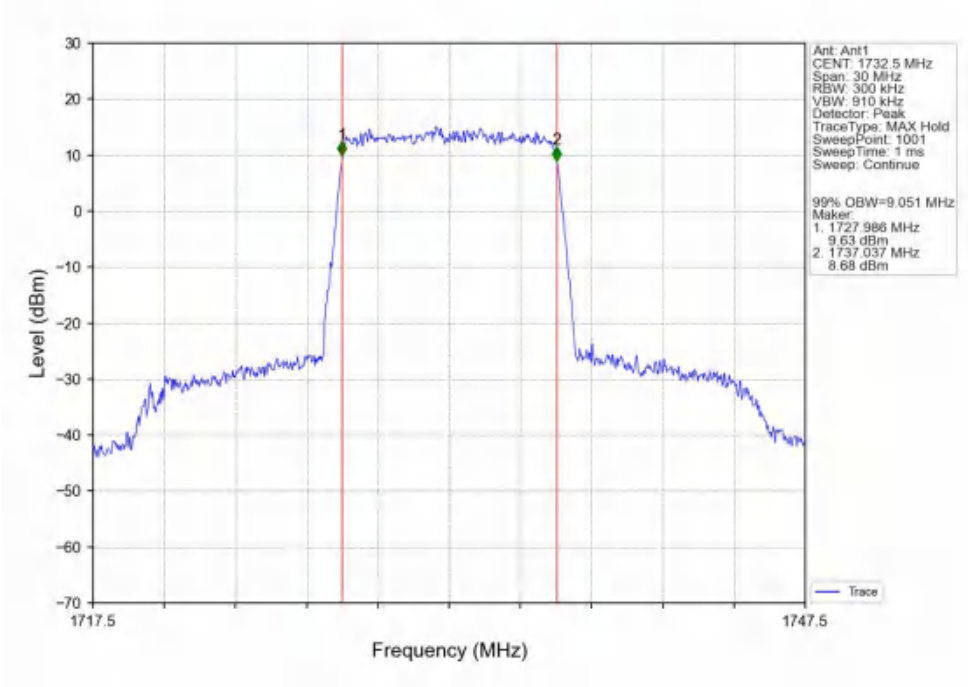
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



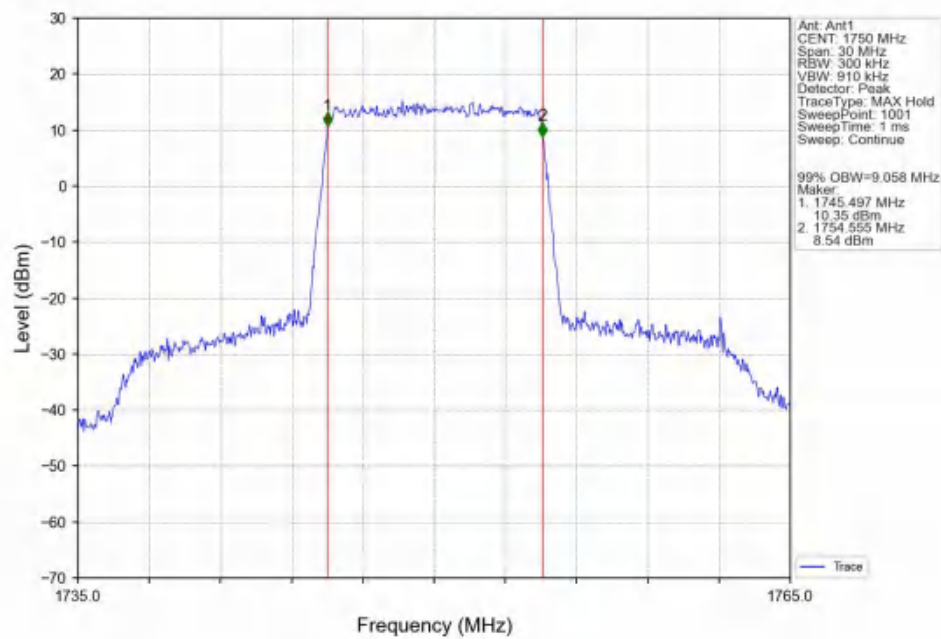
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



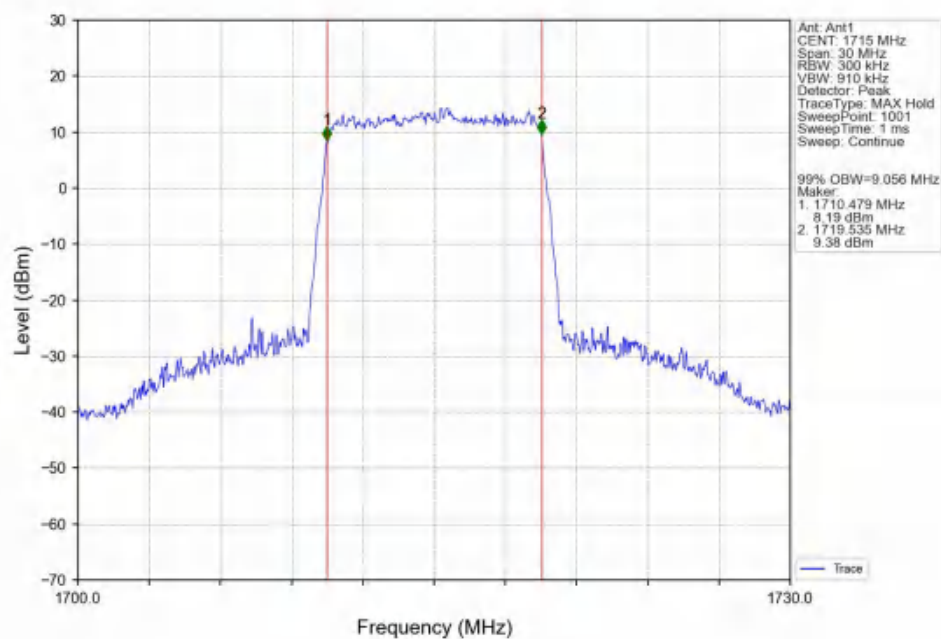
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



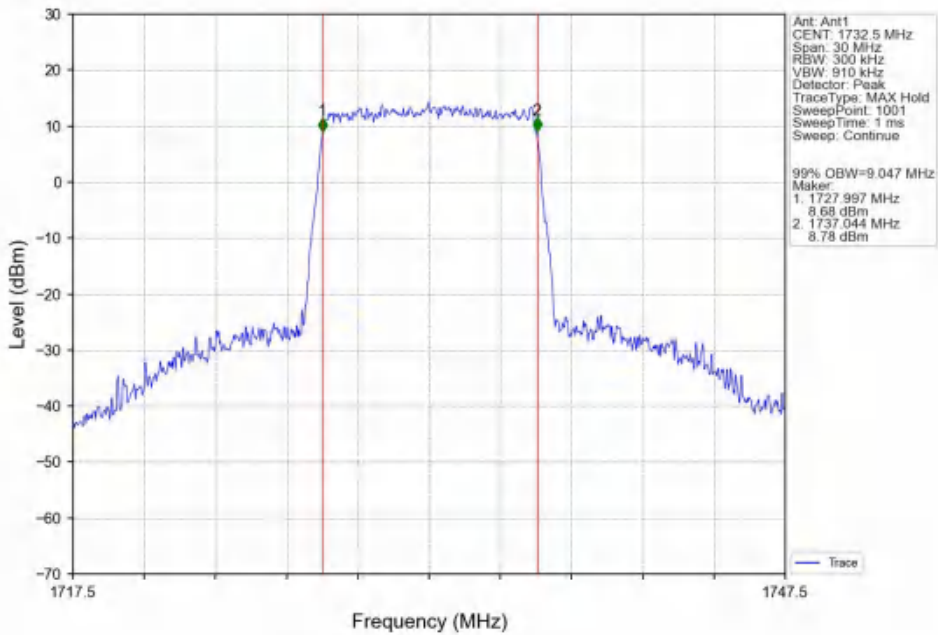
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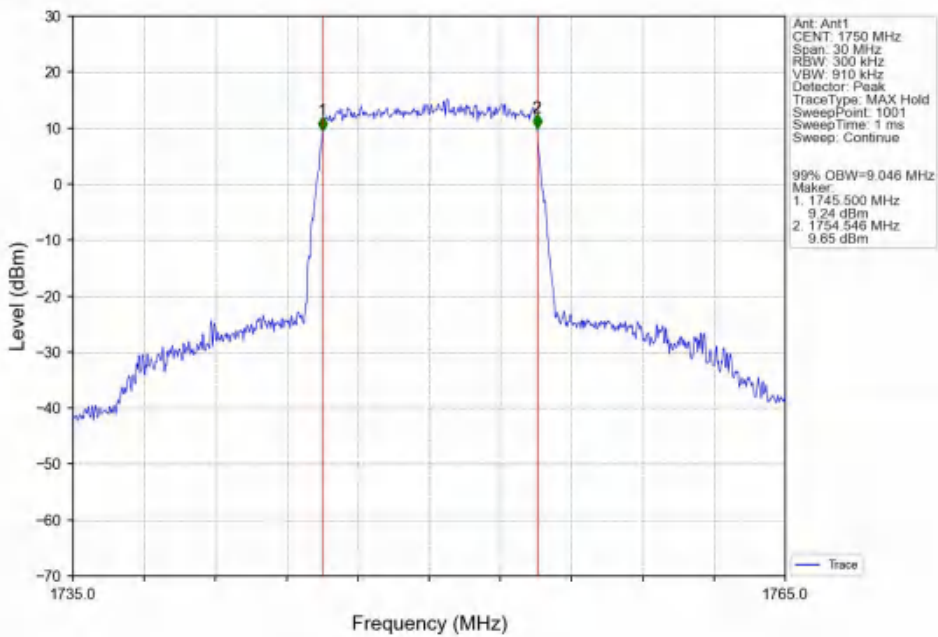
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



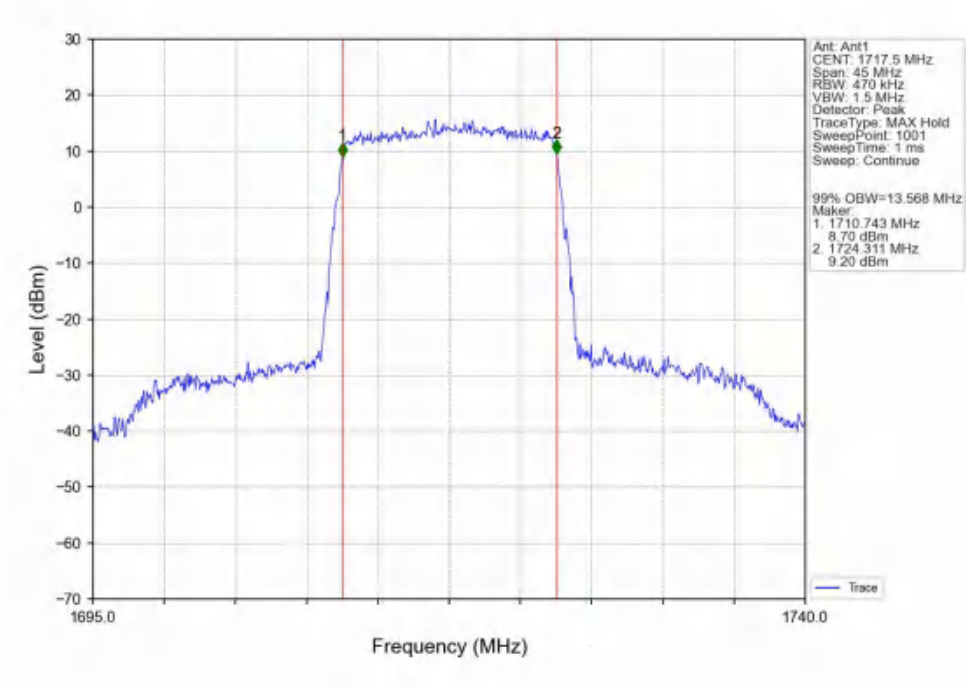
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



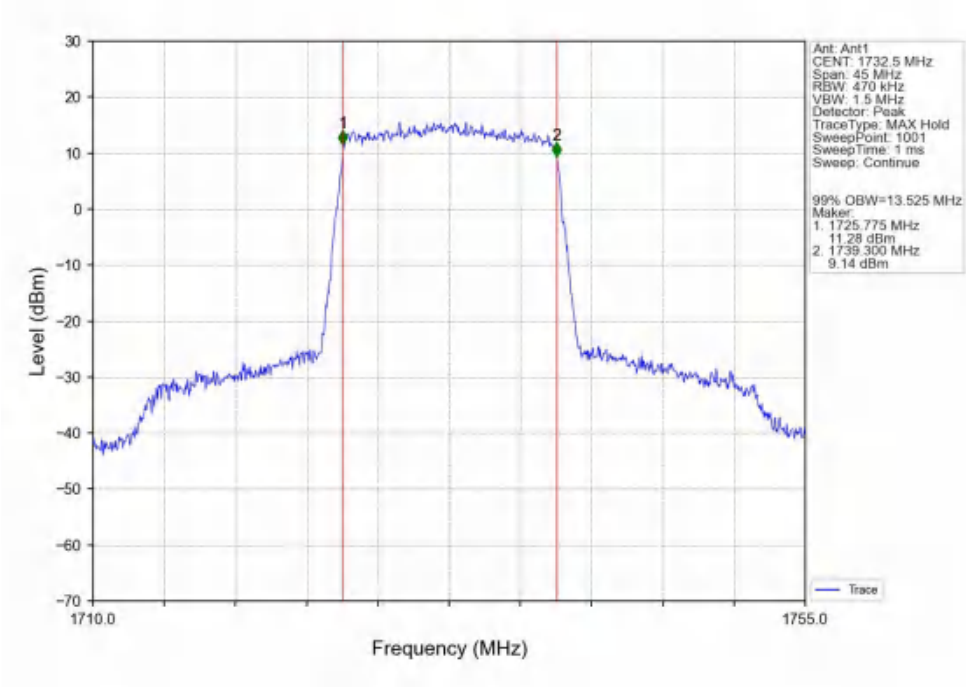
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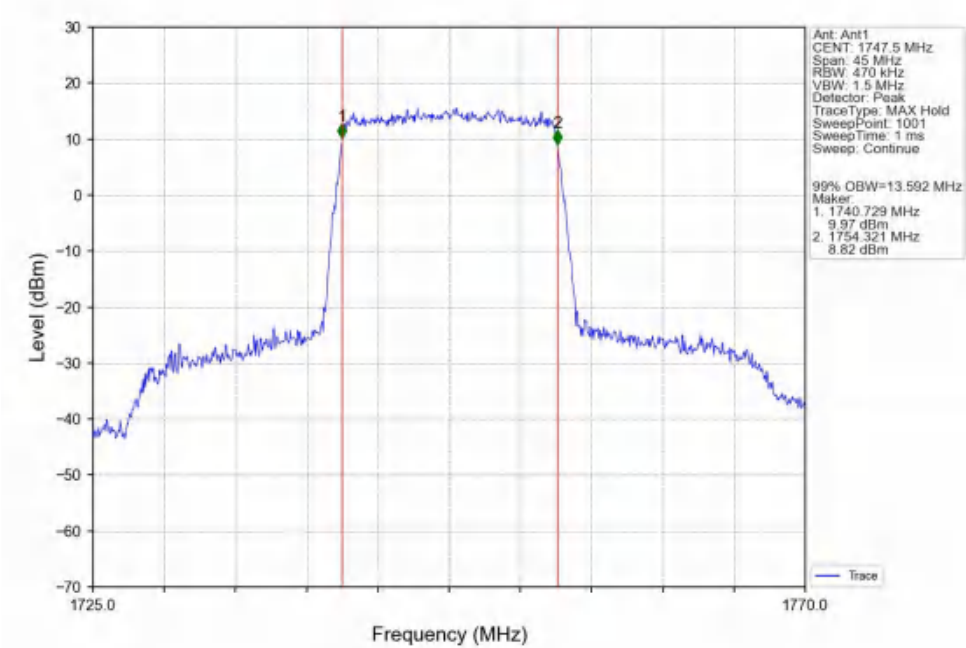
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



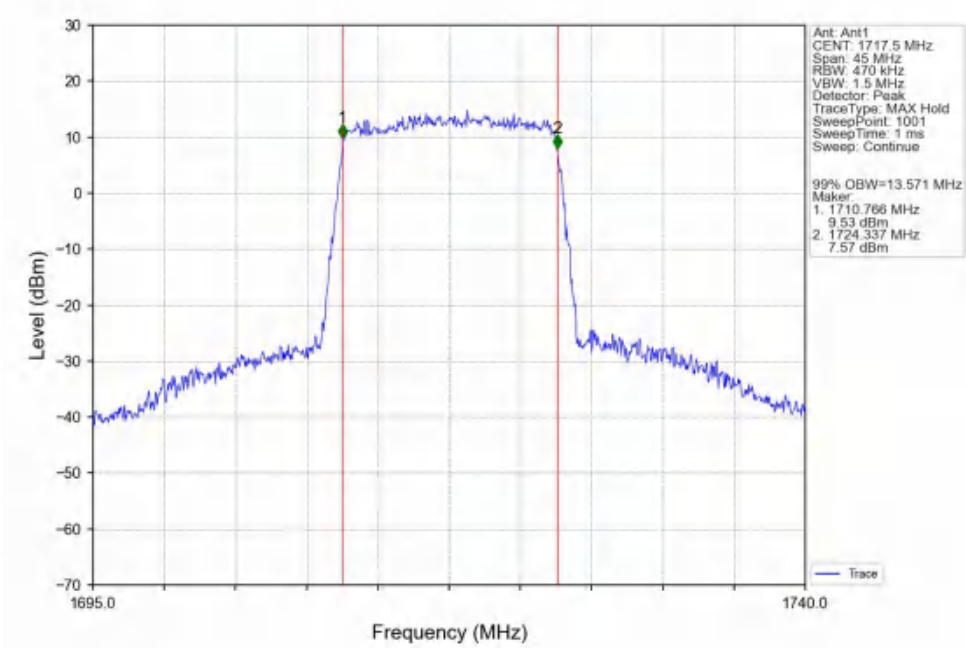
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



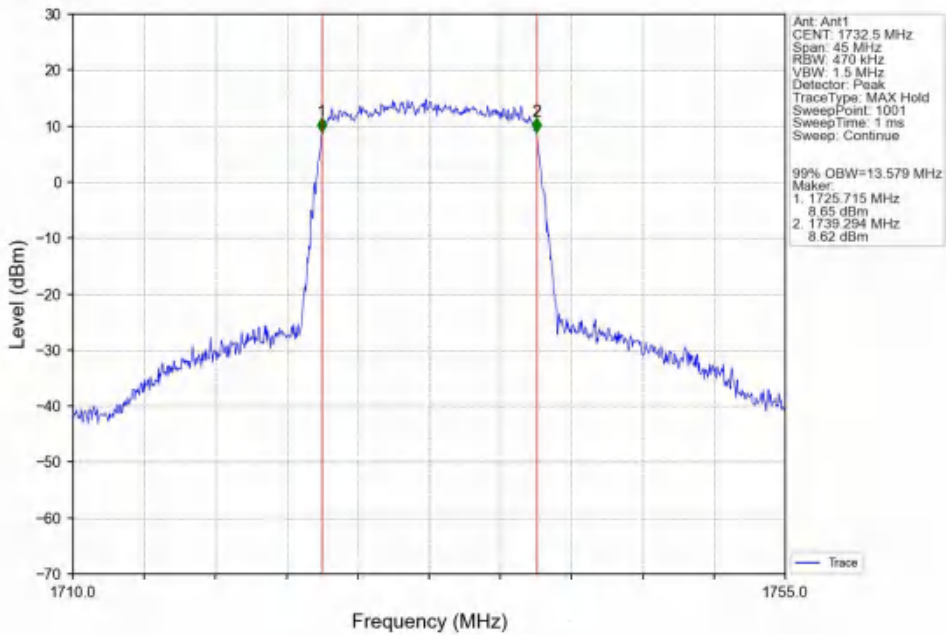
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



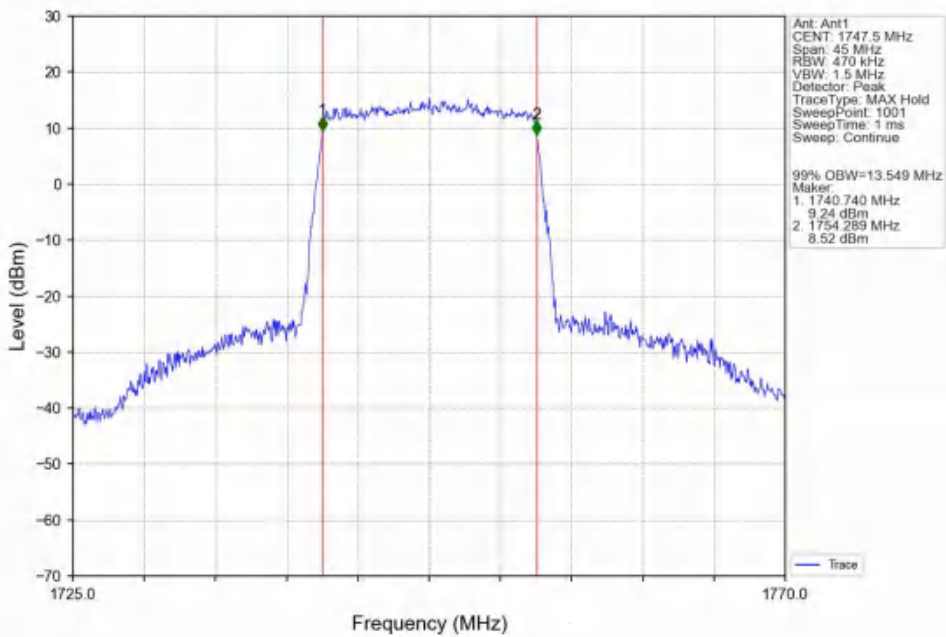
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



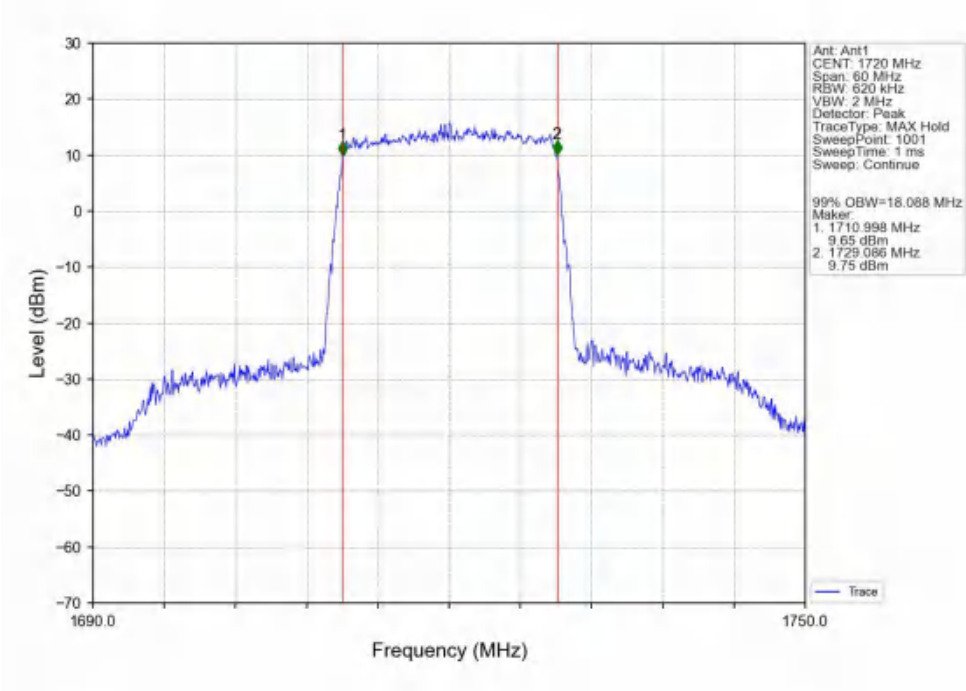
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



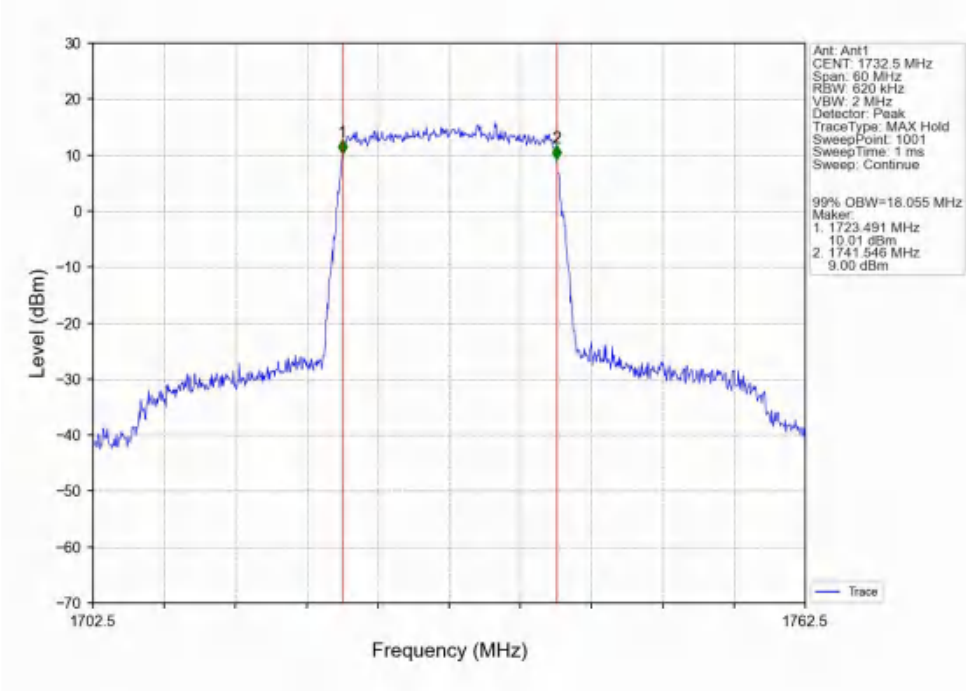
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



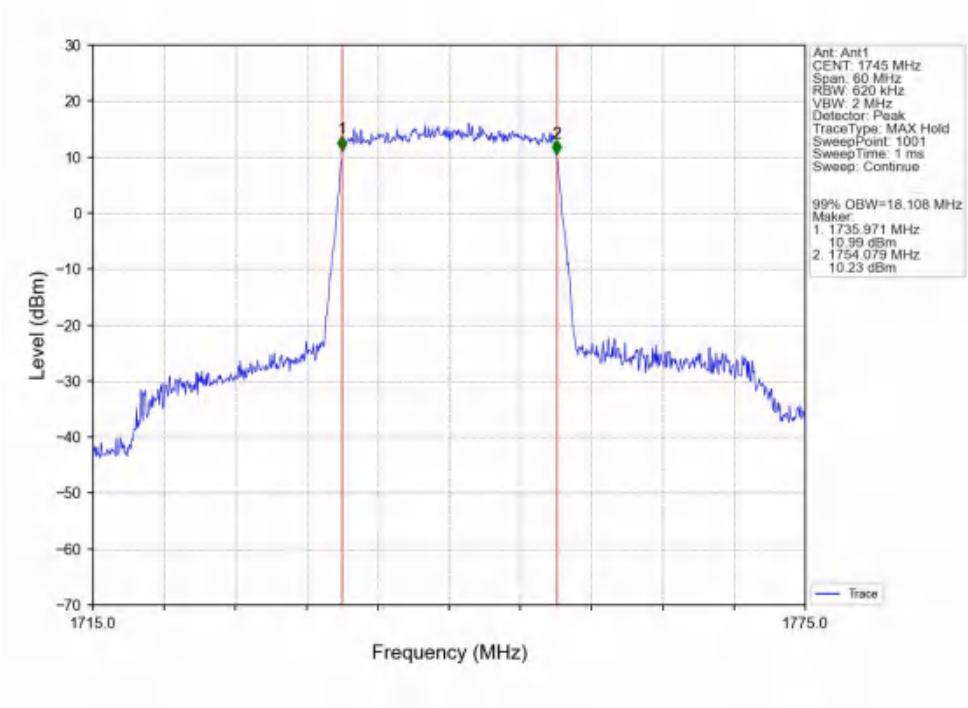
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



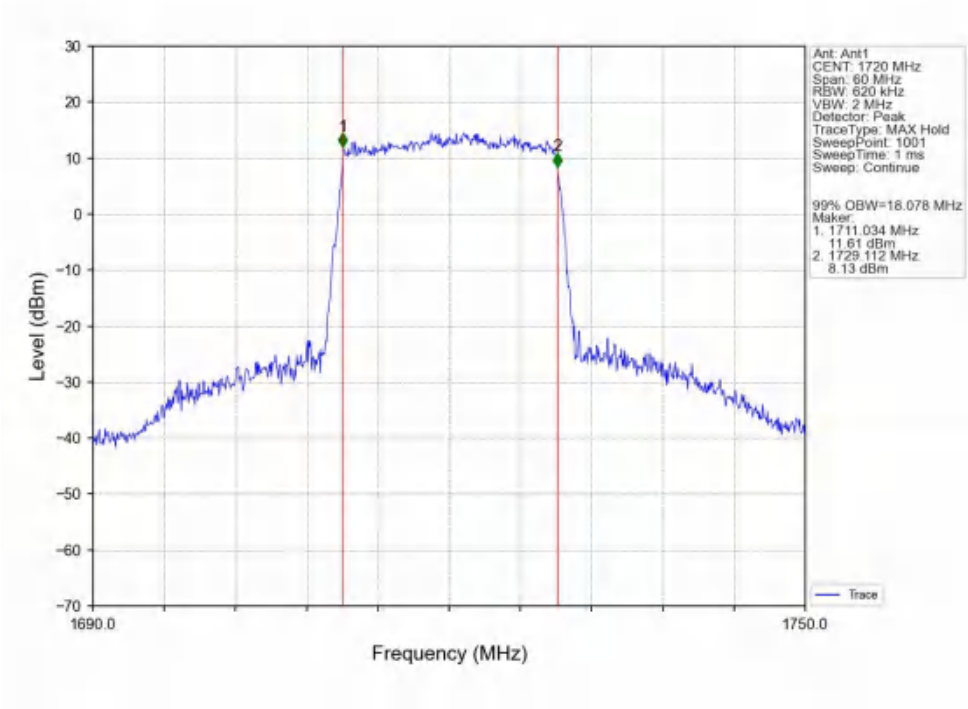
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



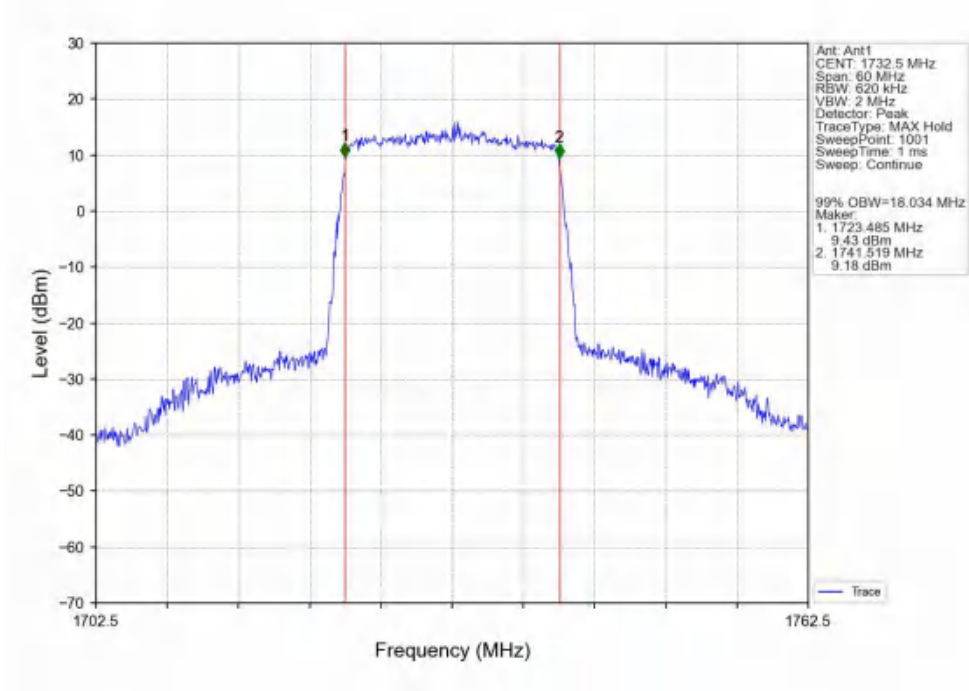
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



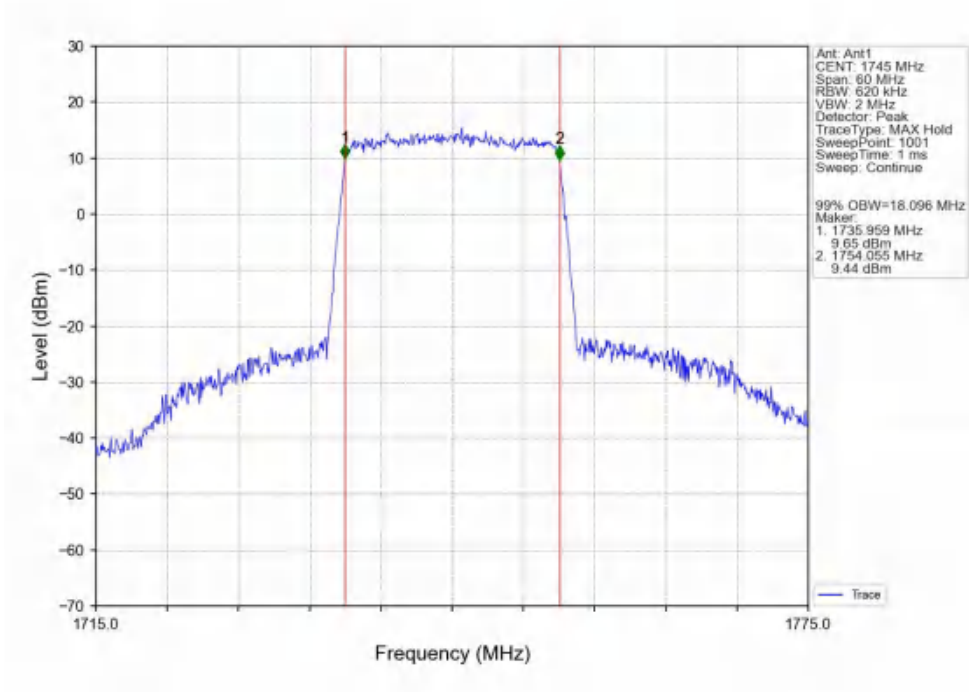
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



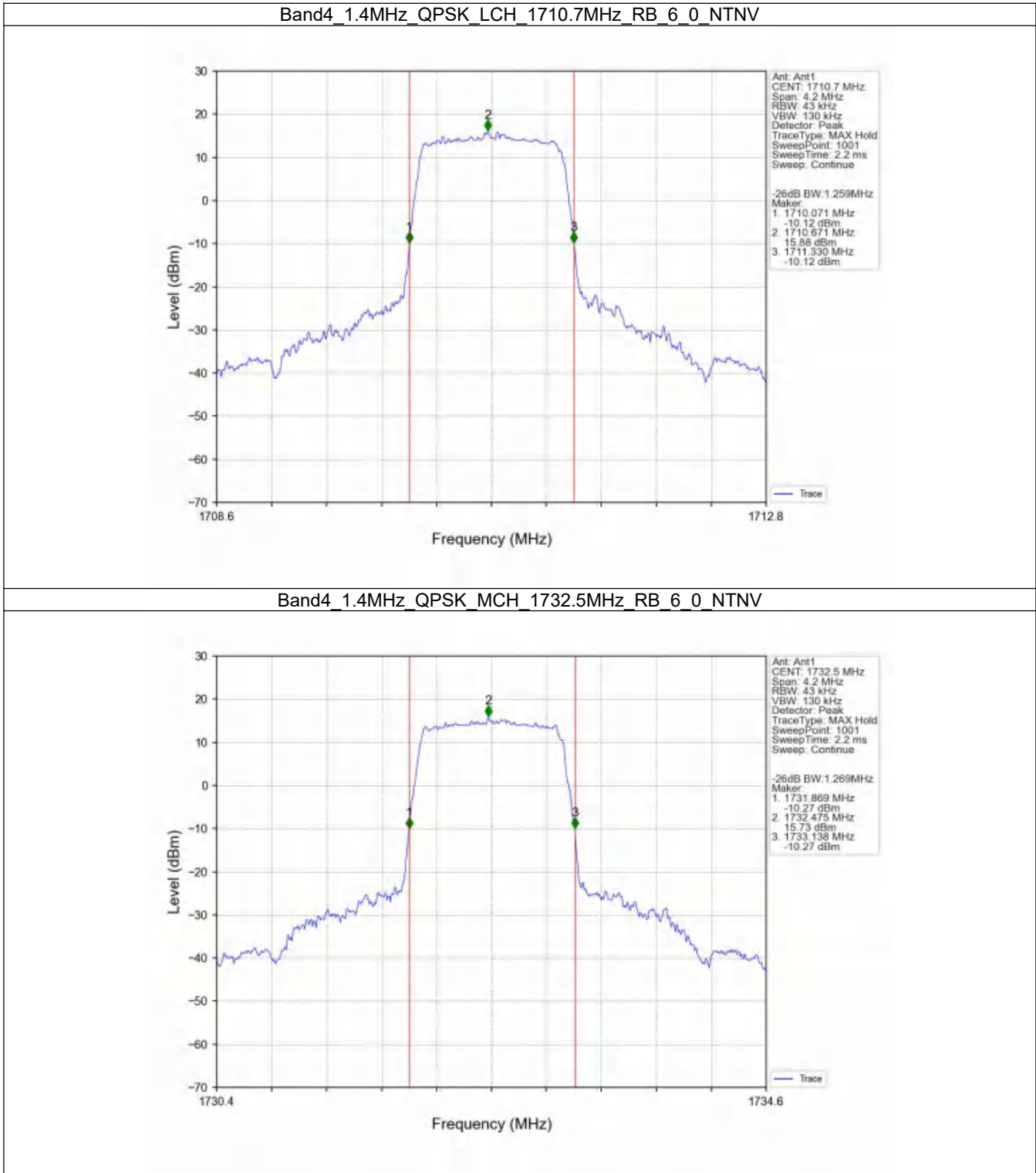
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



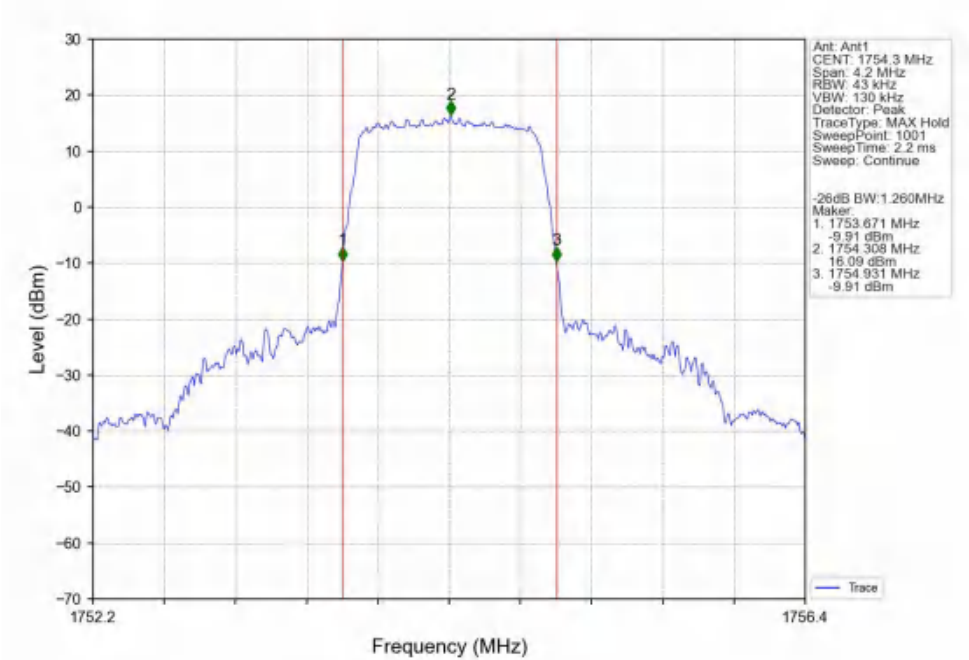
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



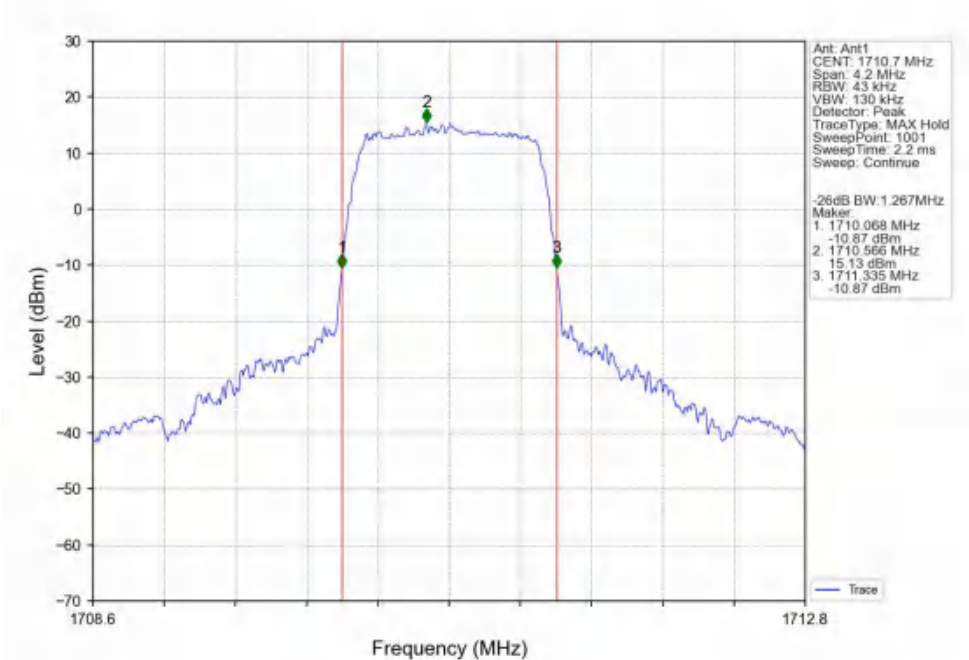
4.2.2 Band4_XDB



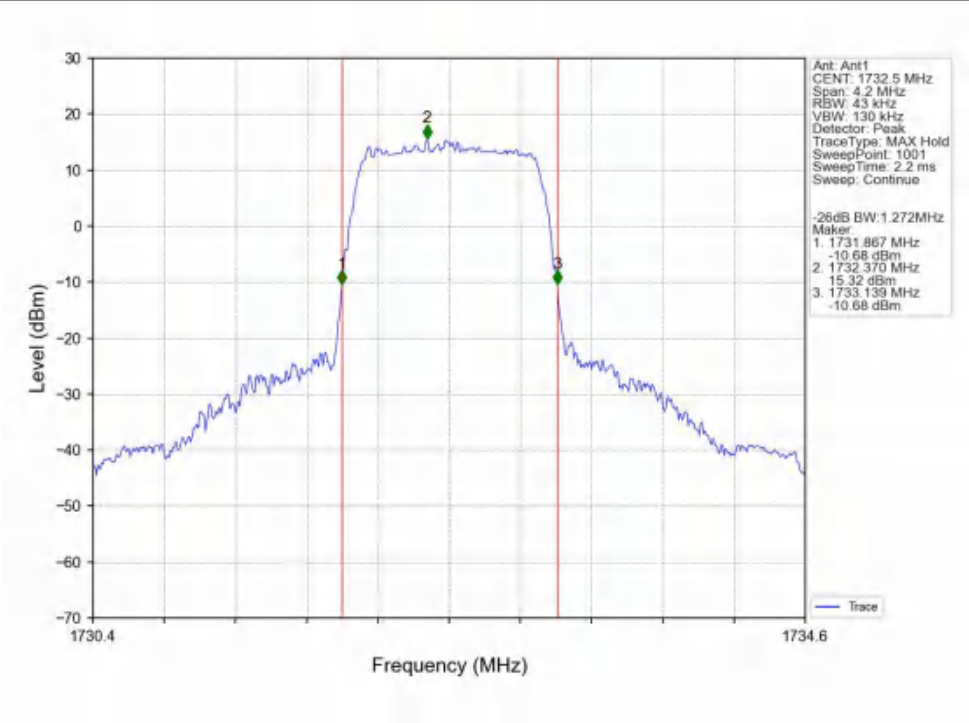
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



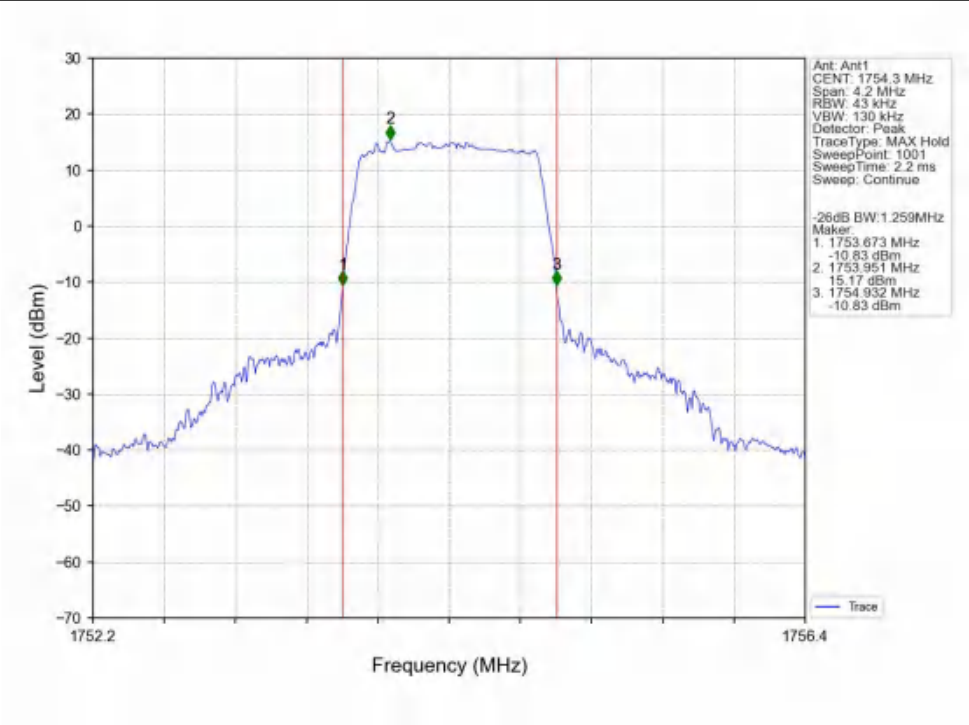
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



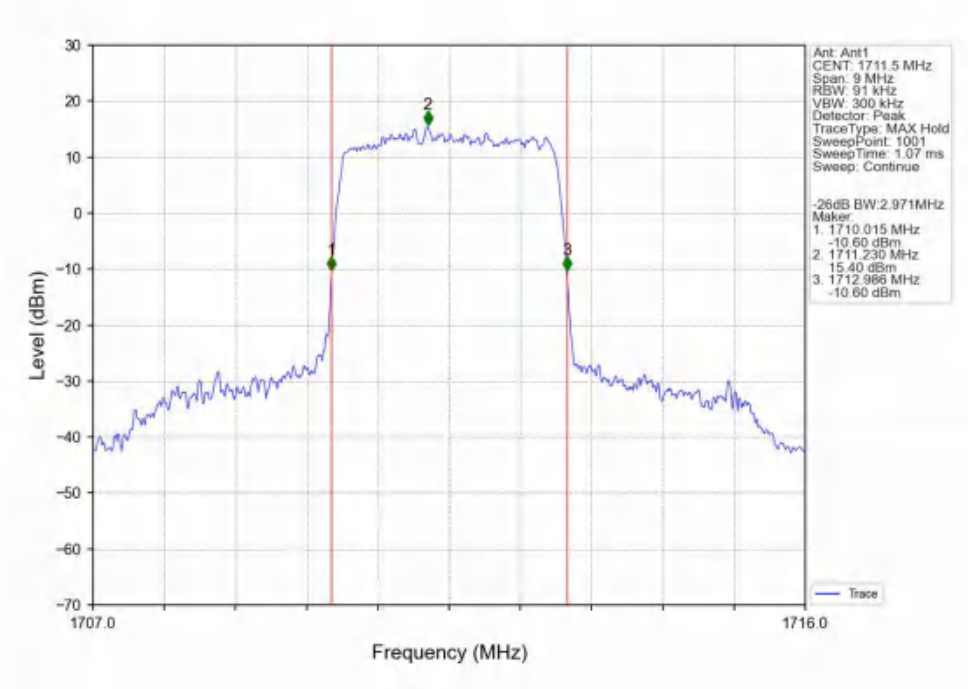
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



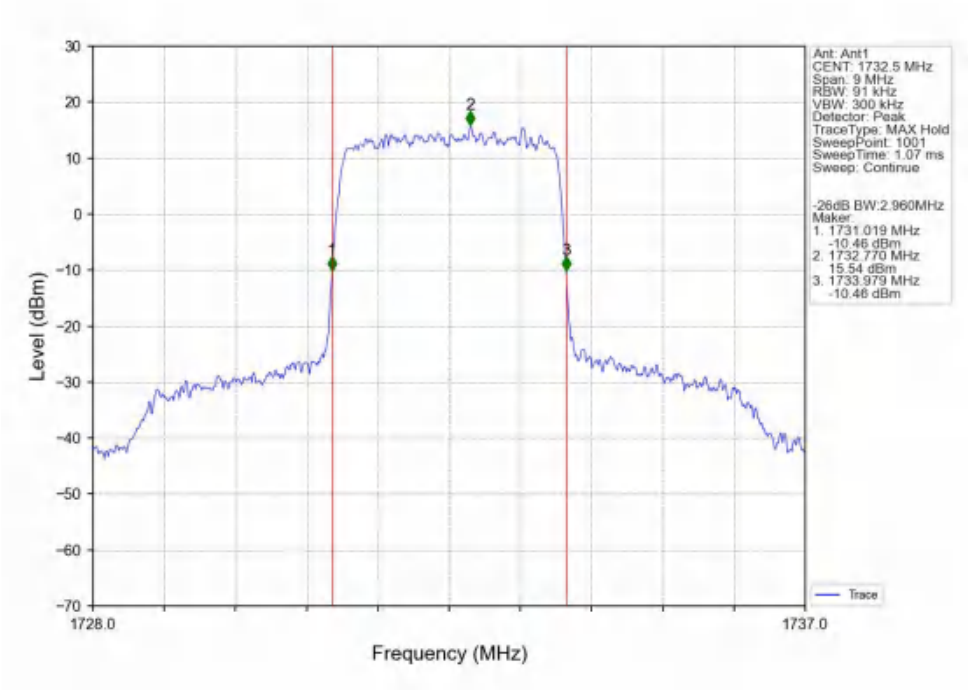
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



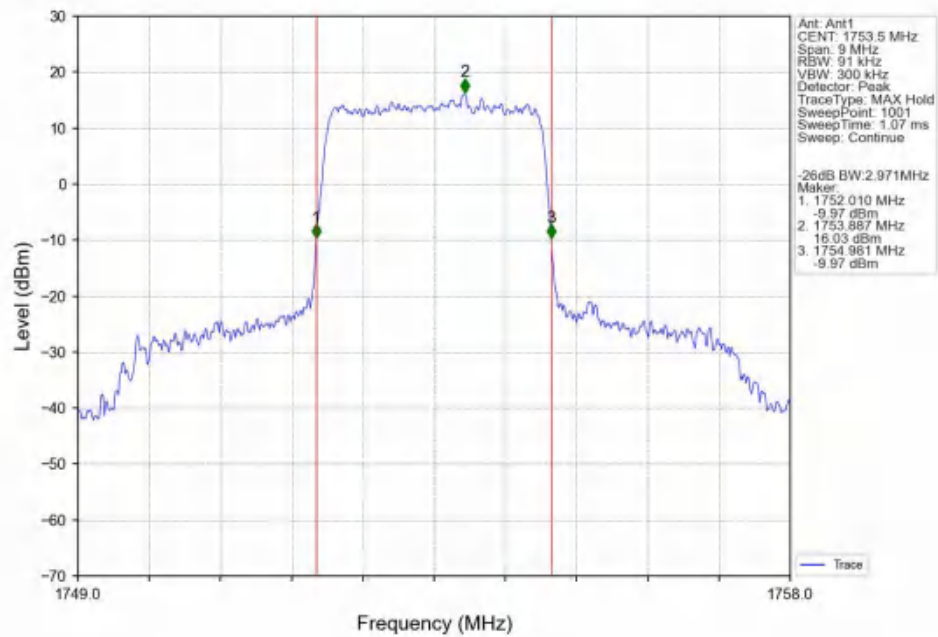
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



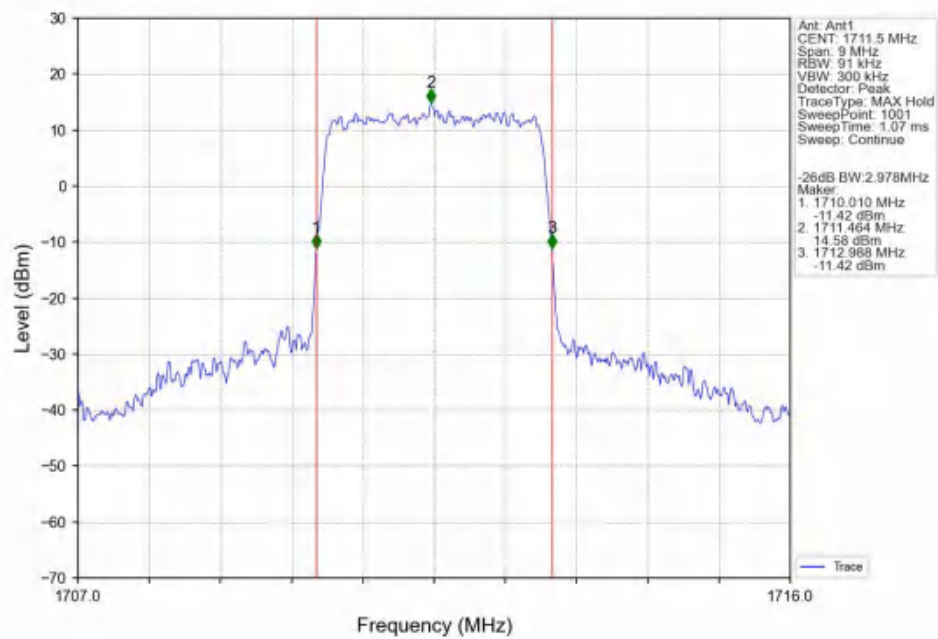
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



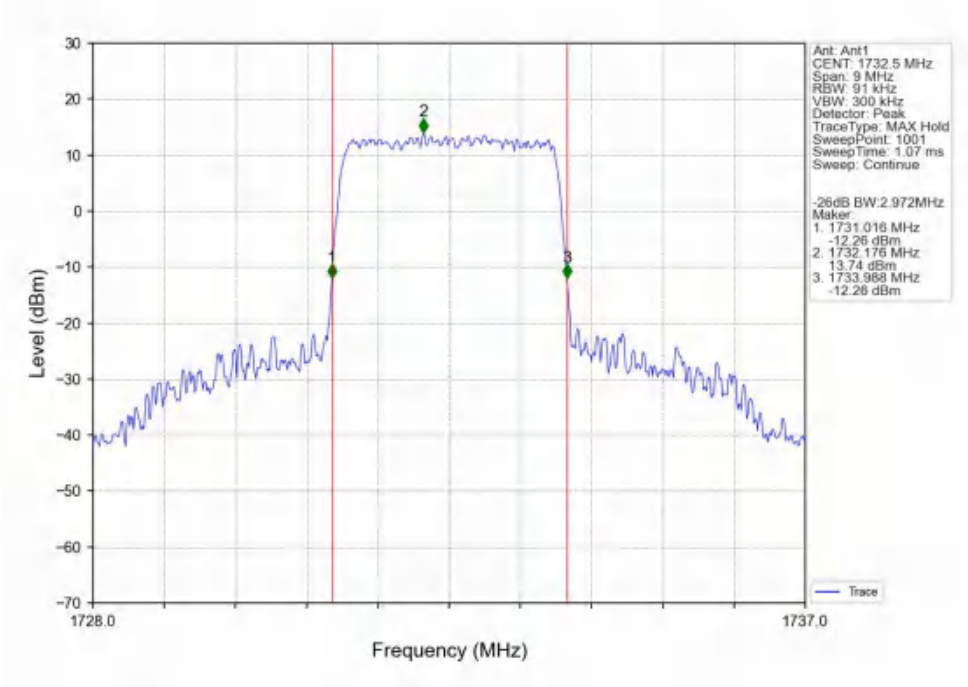
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



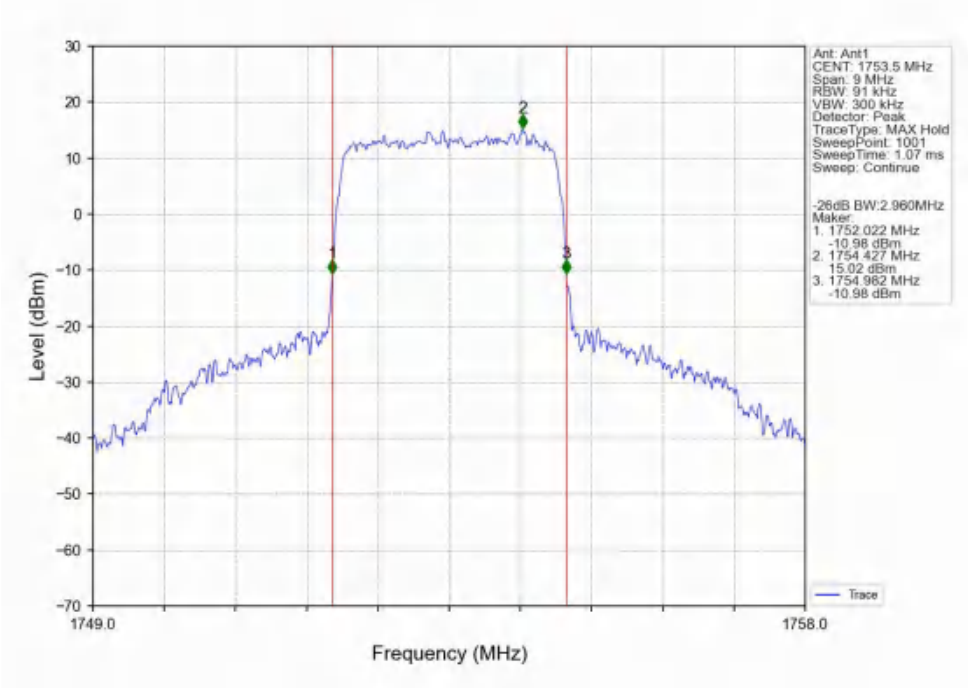
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



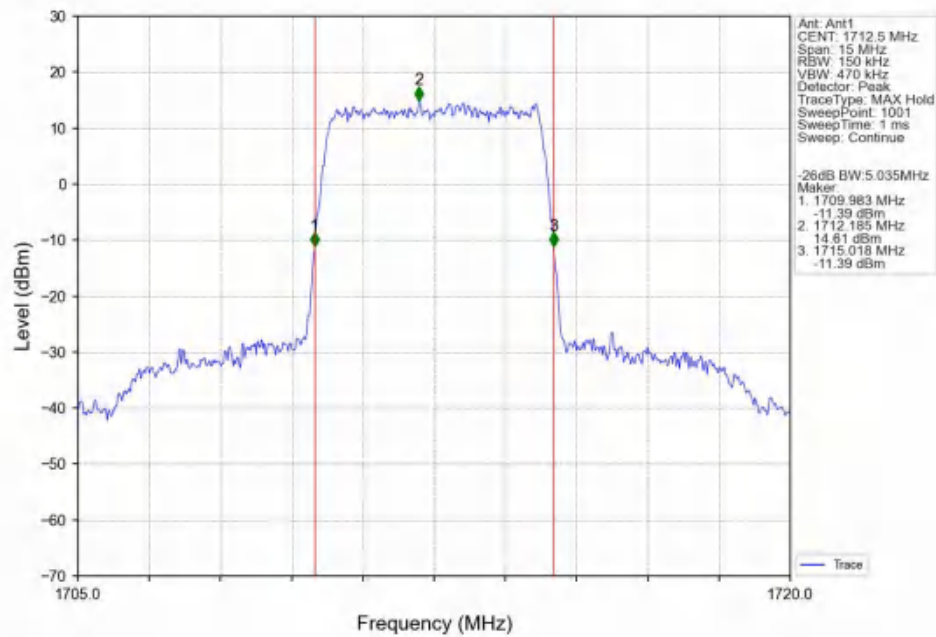
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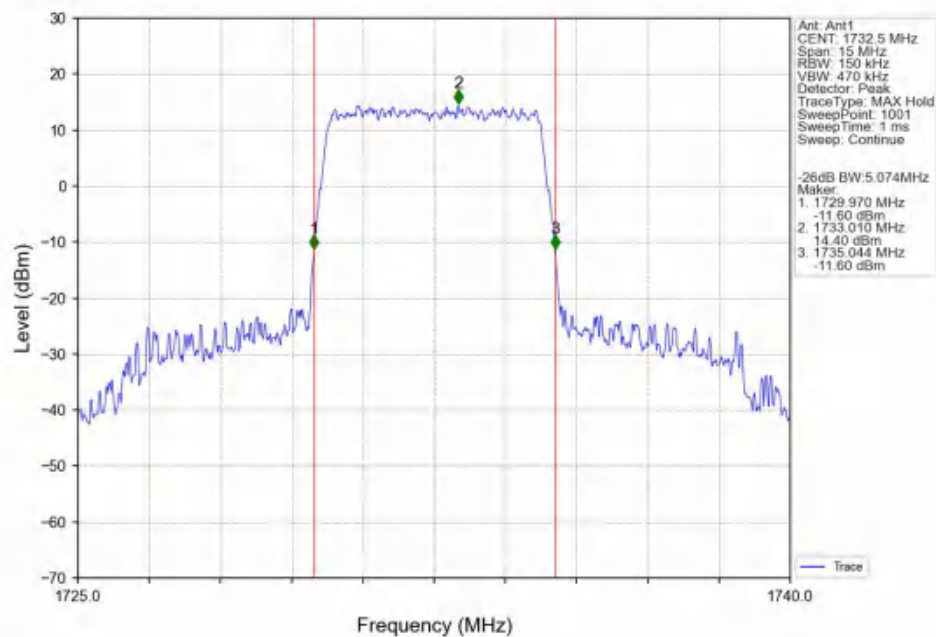
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



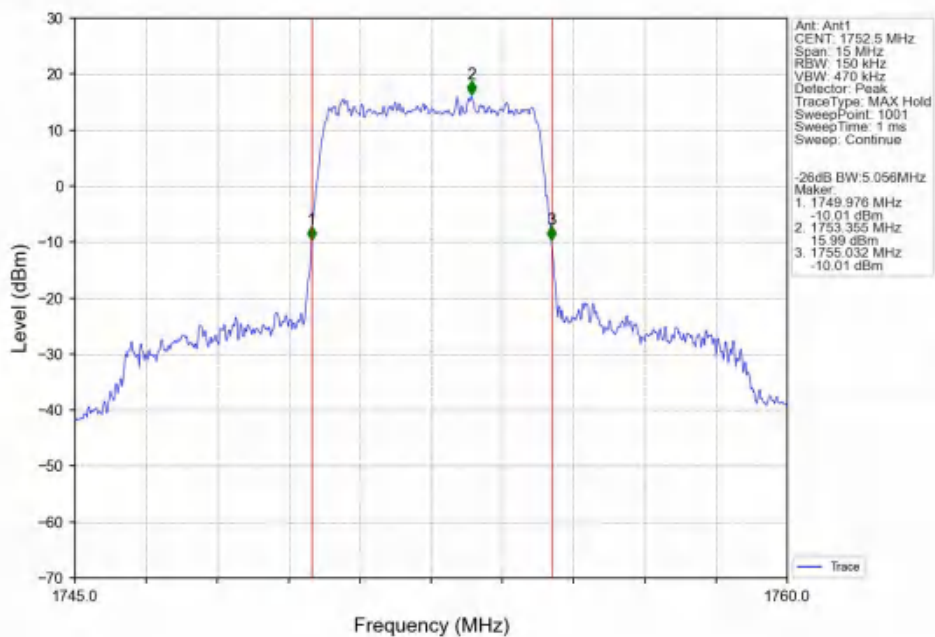
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



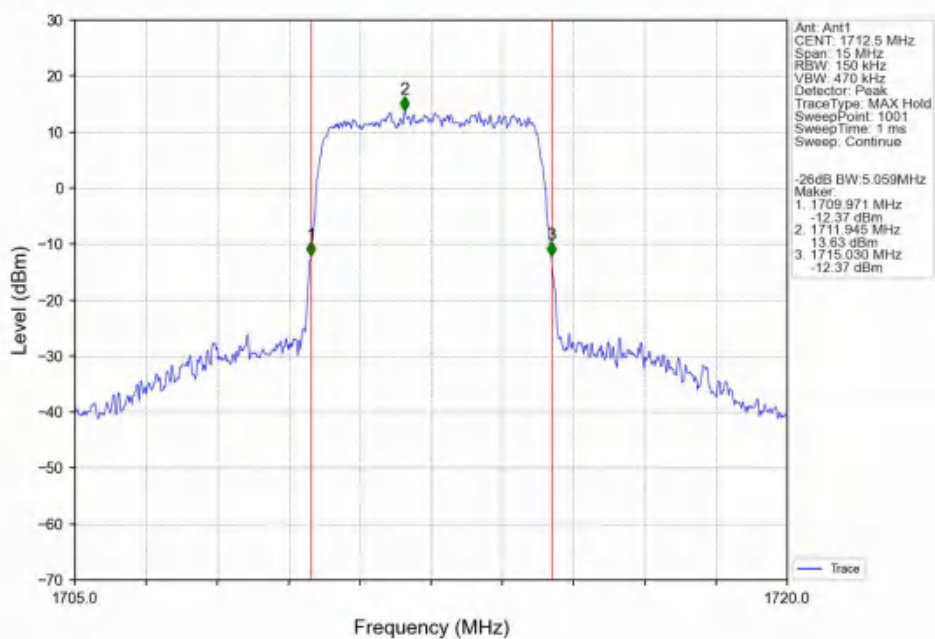
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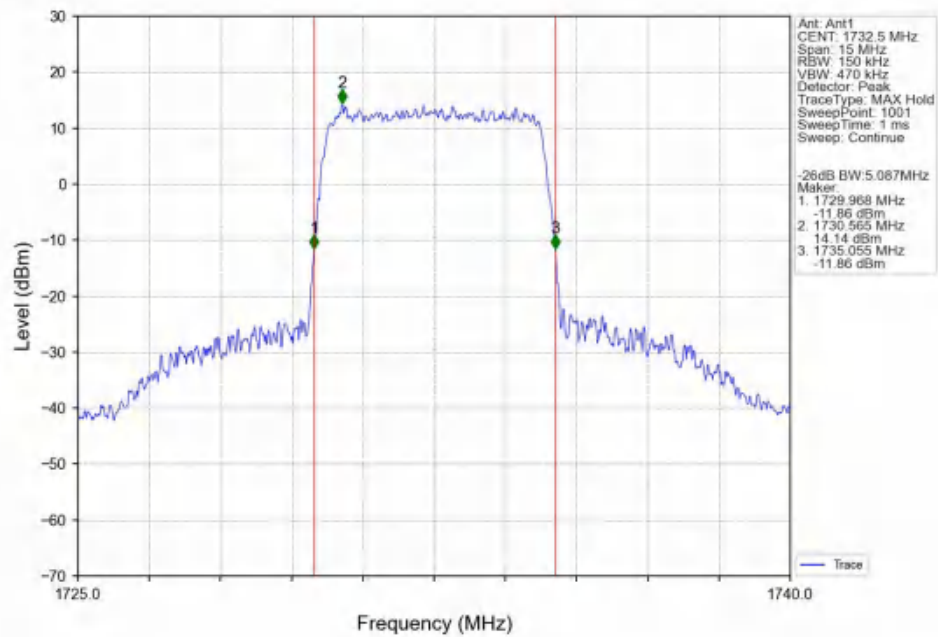
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



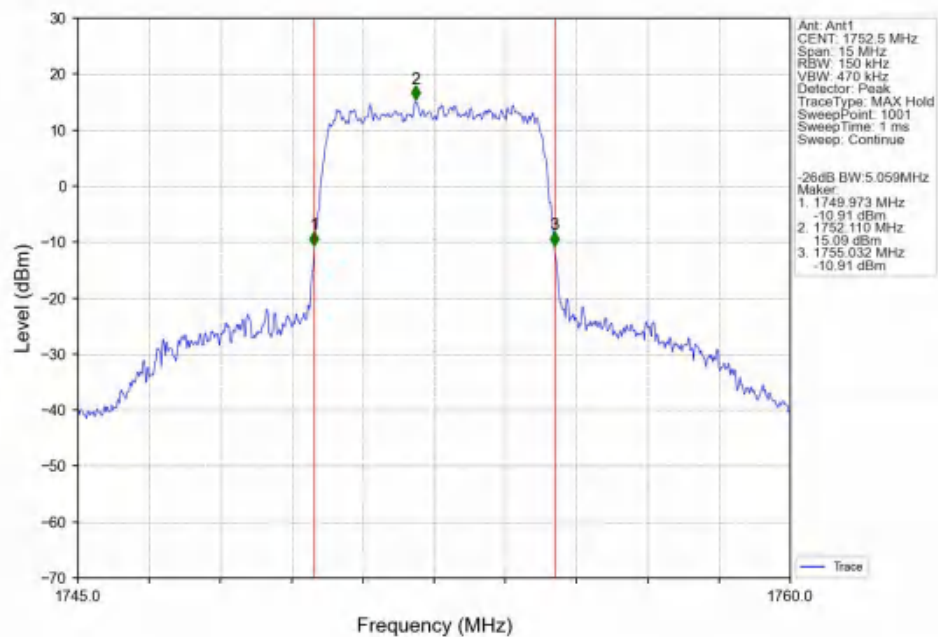
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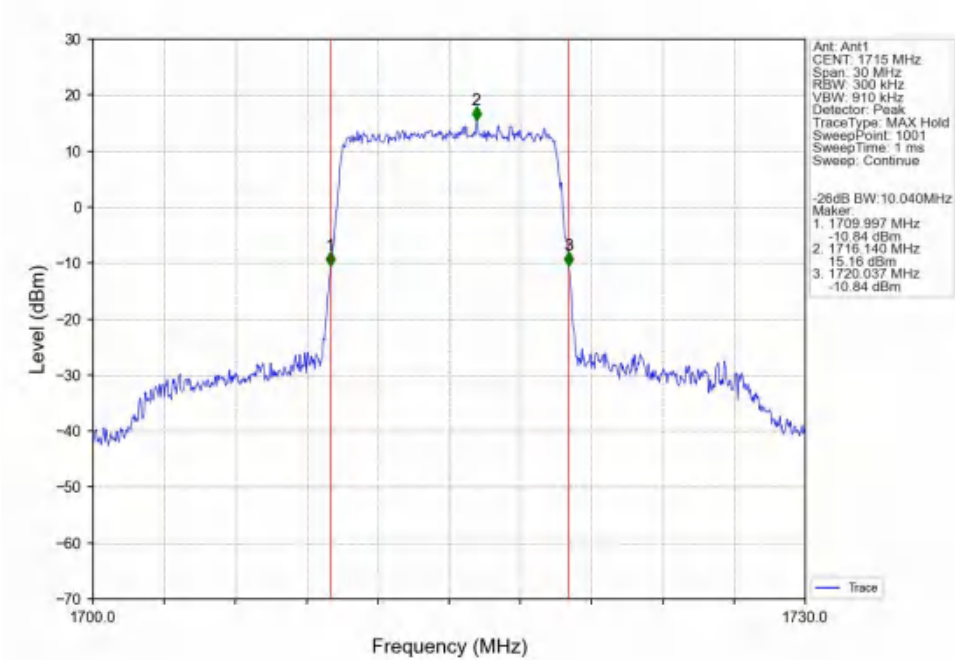
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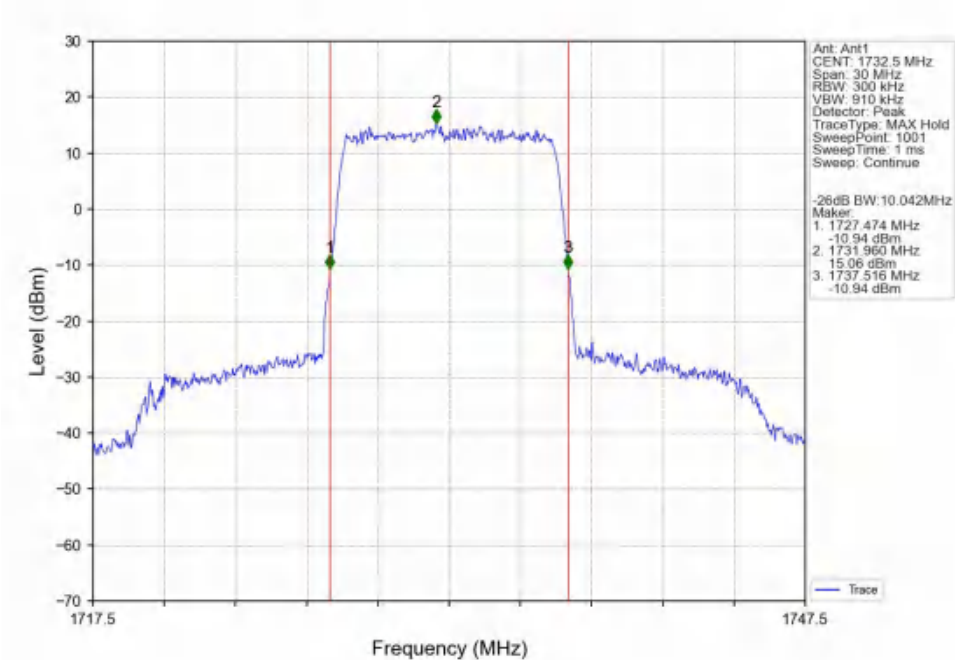
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



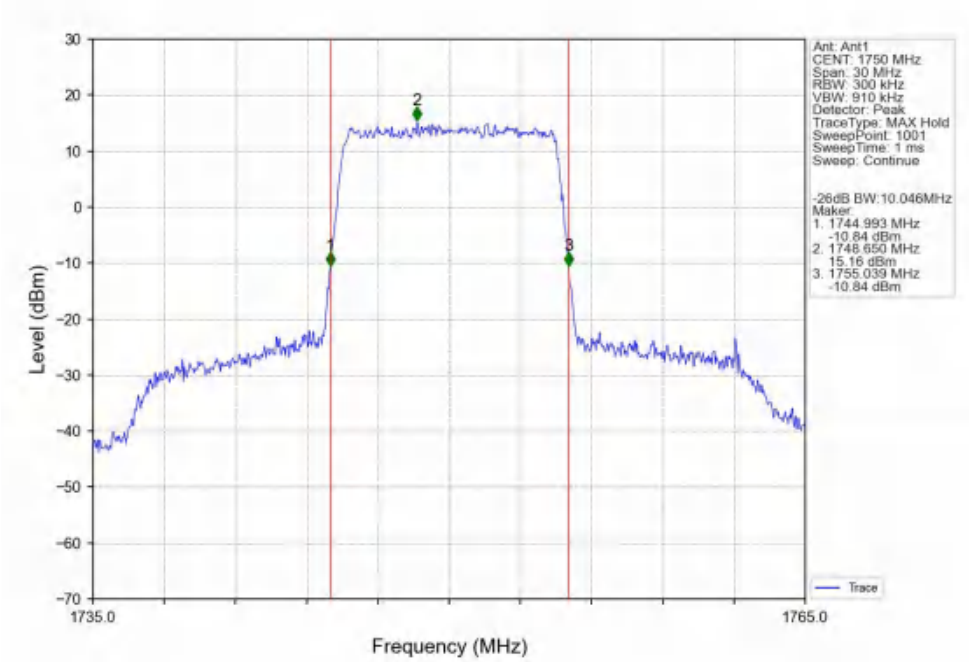
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



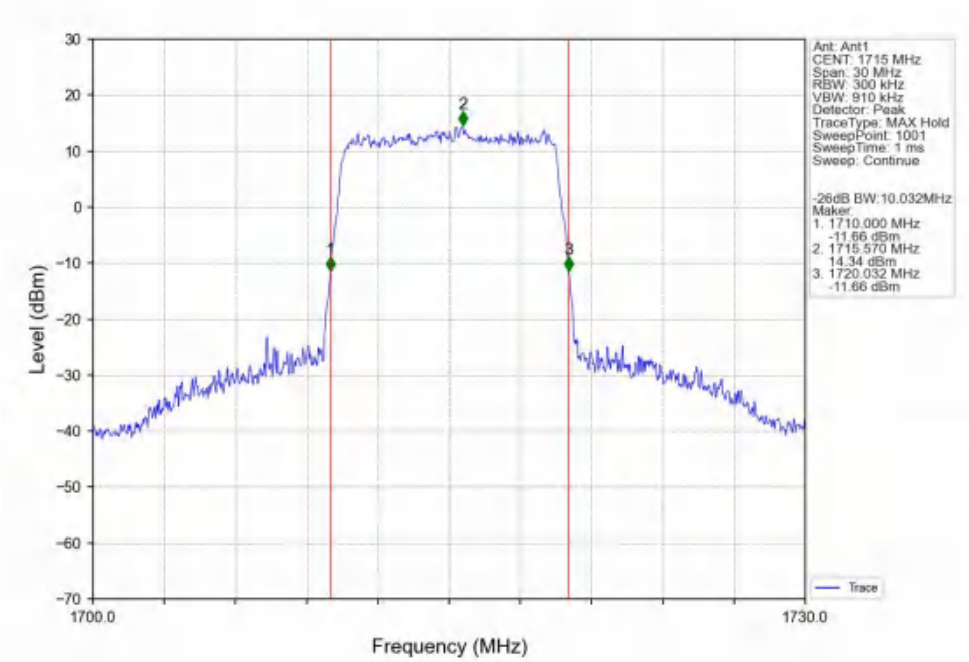
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



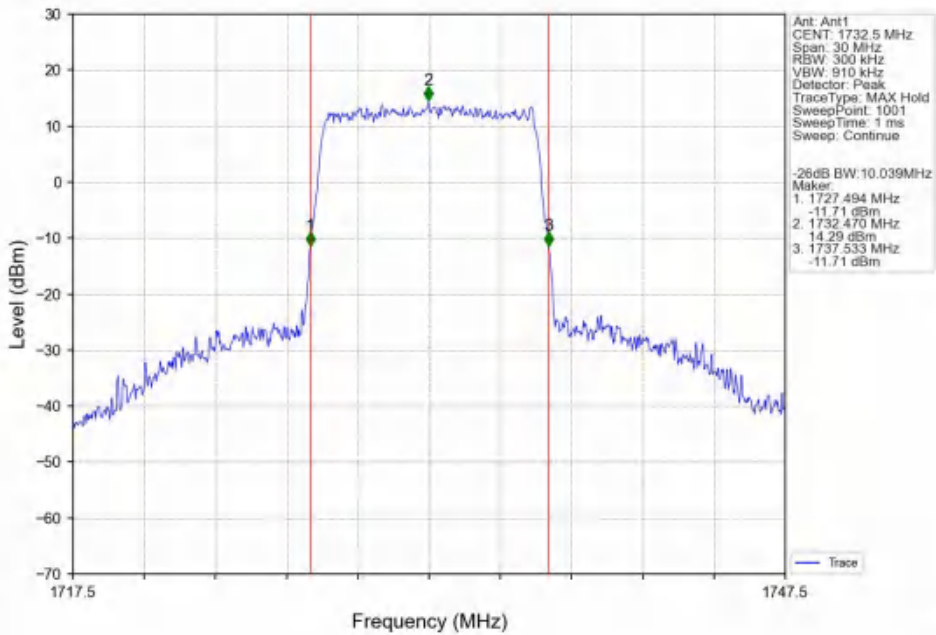
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



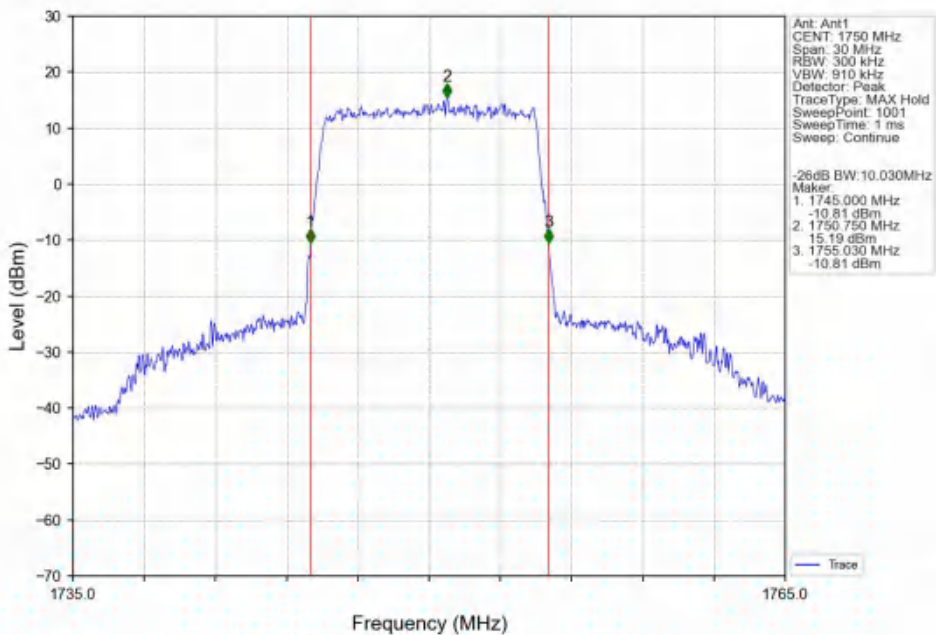
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



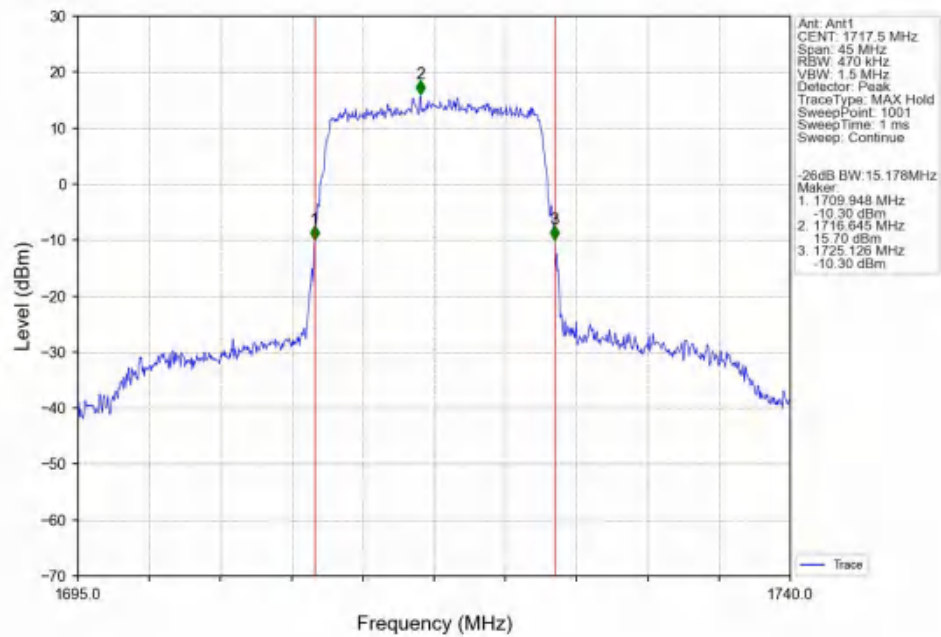
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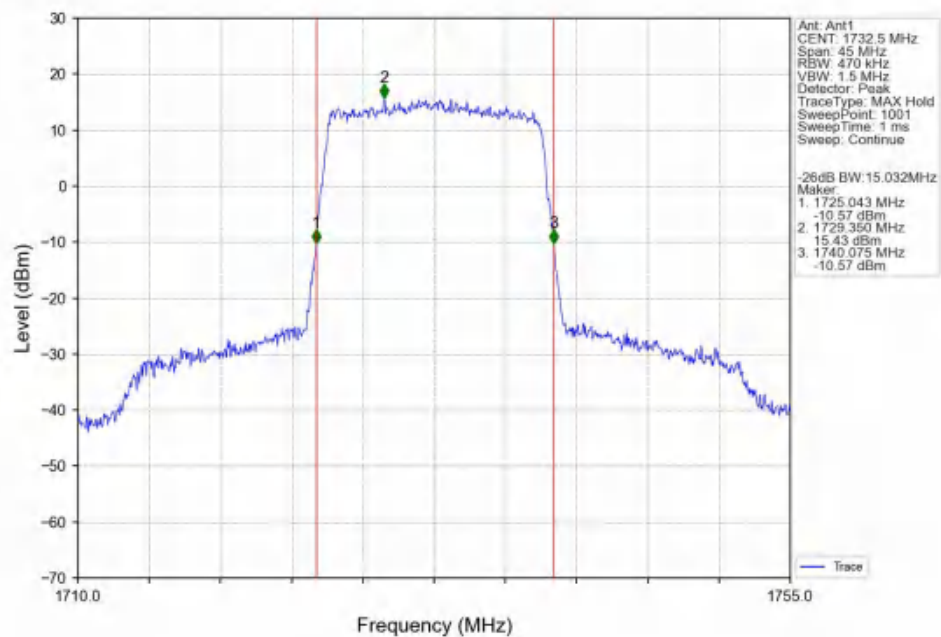
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



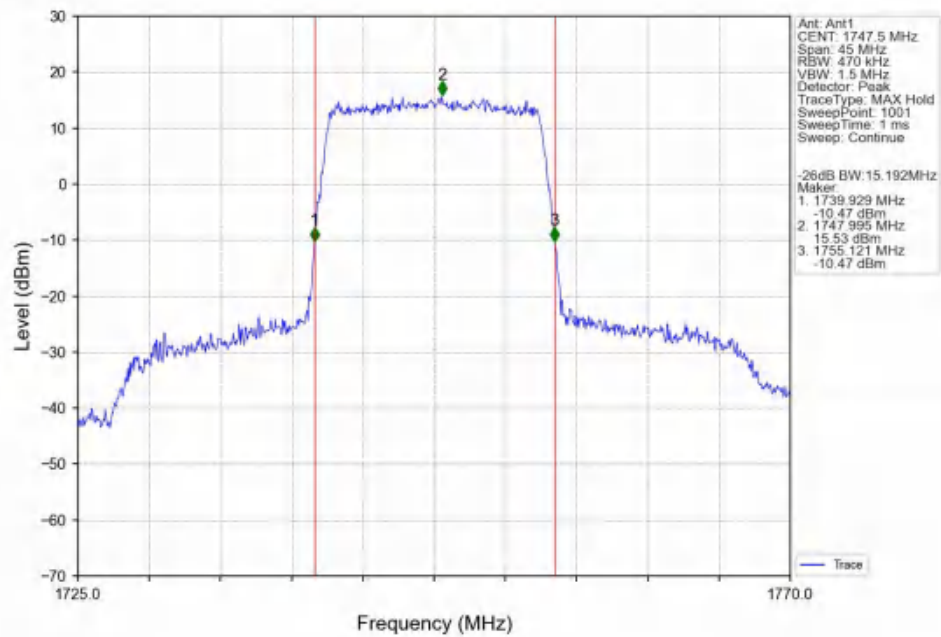
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



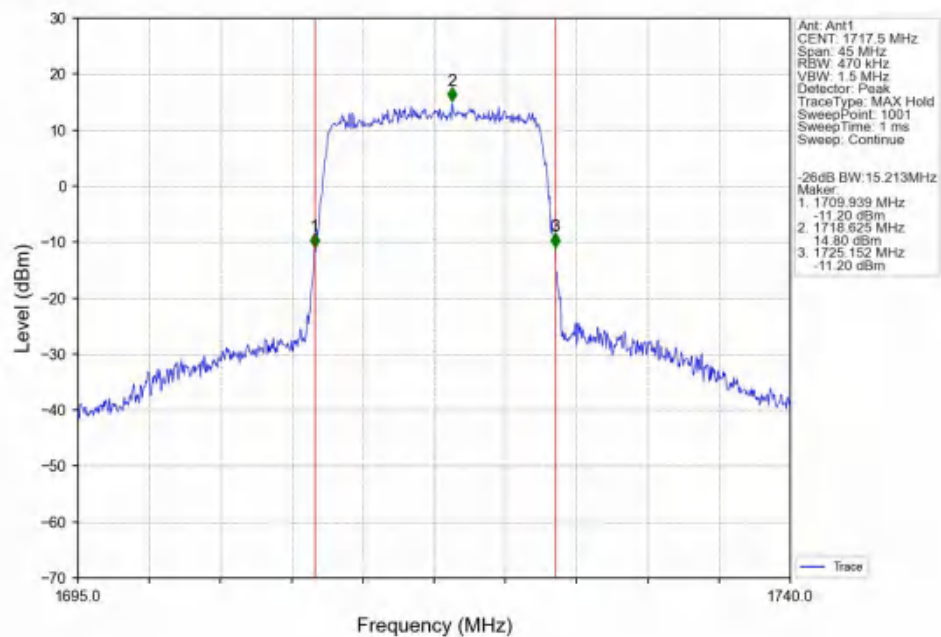
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



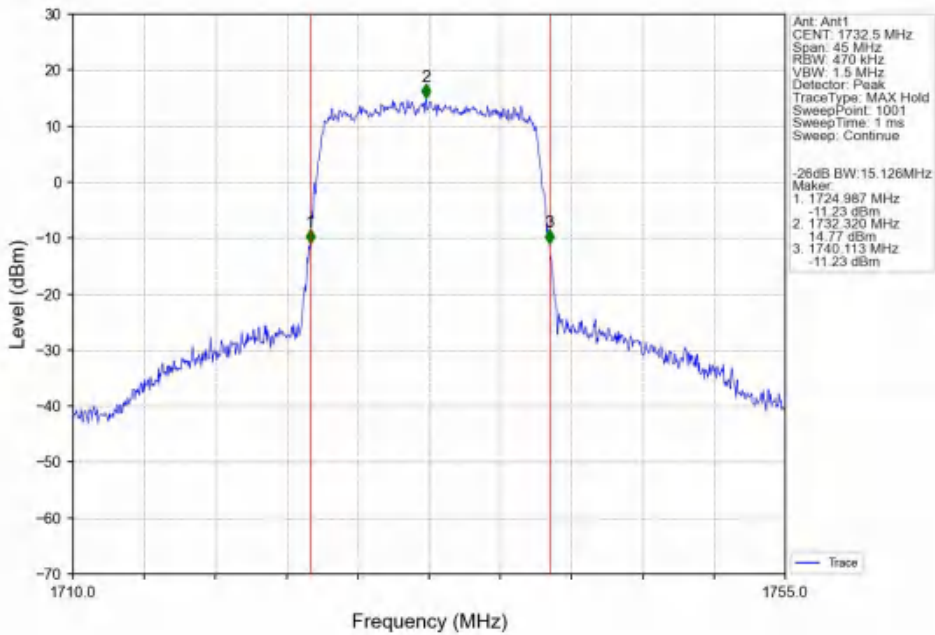
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



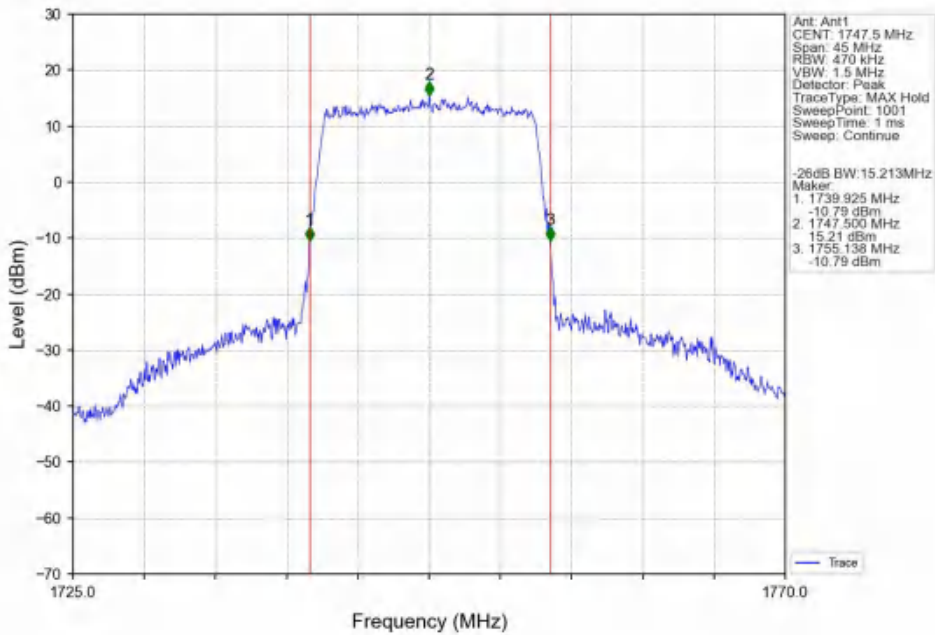
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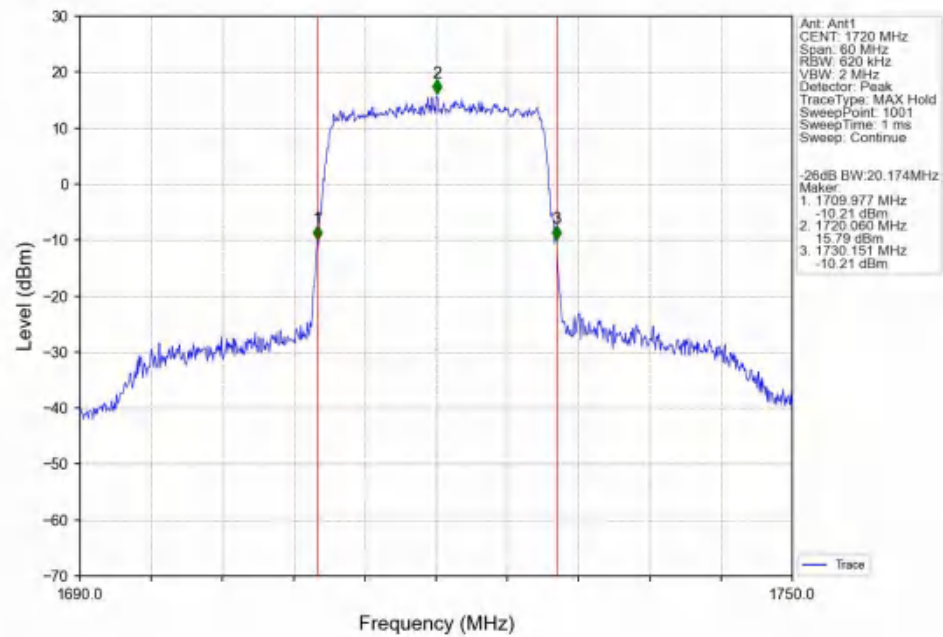
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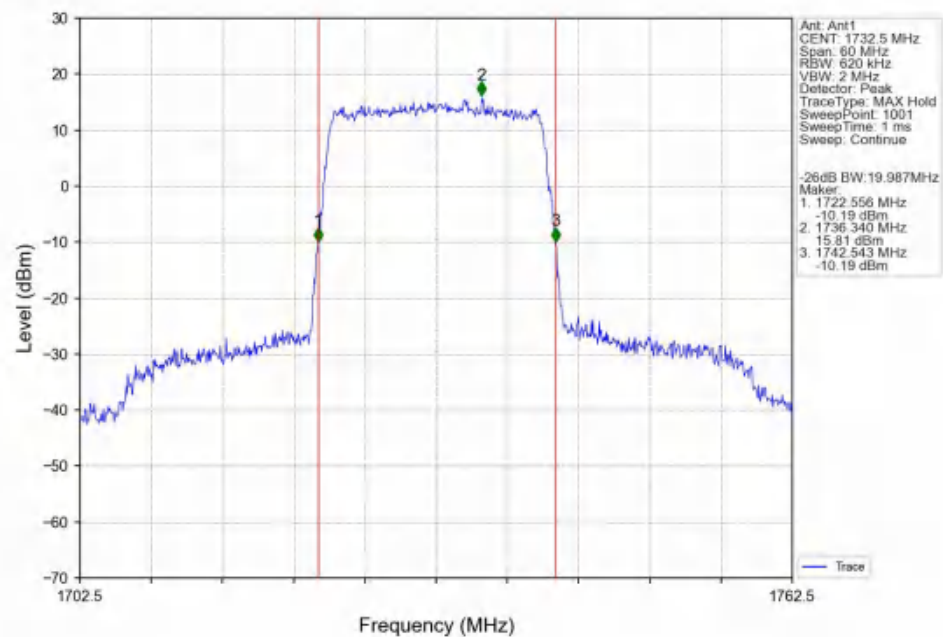
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



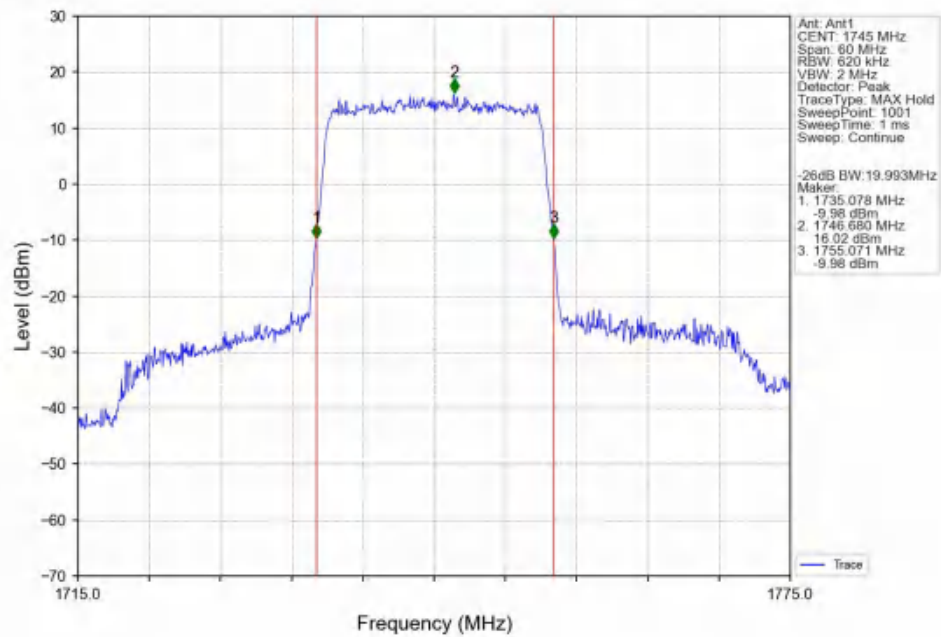
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



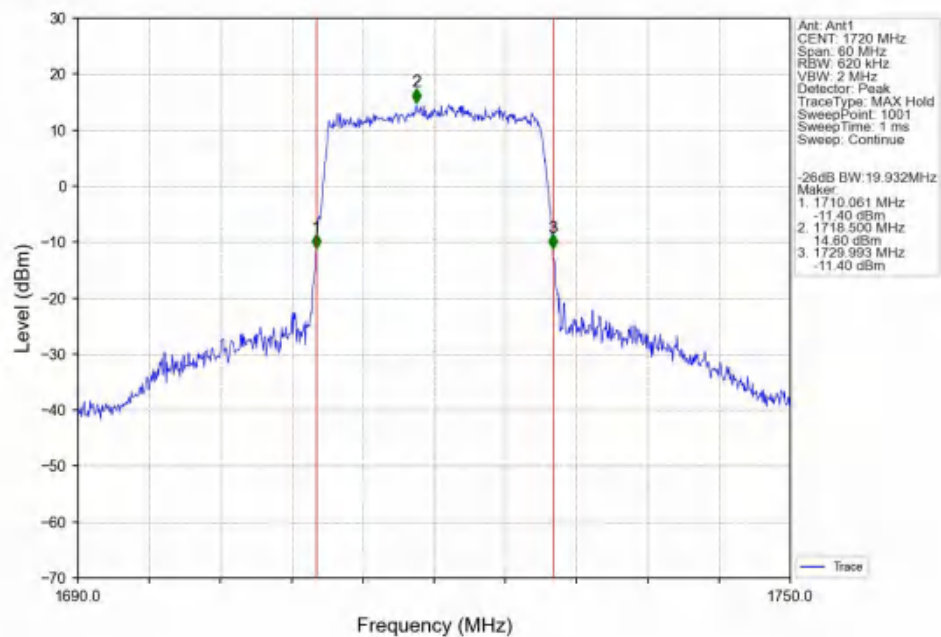
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



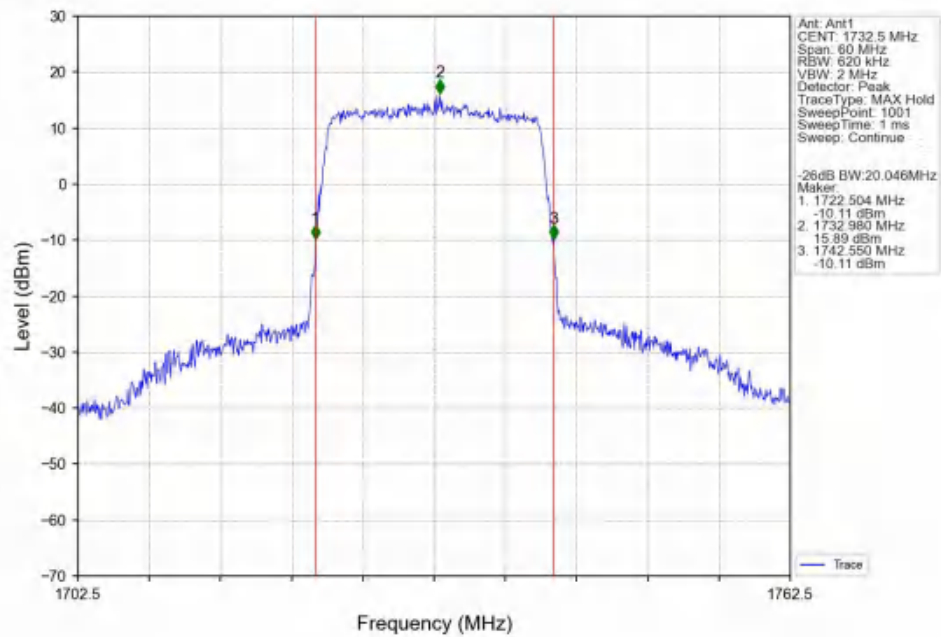
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



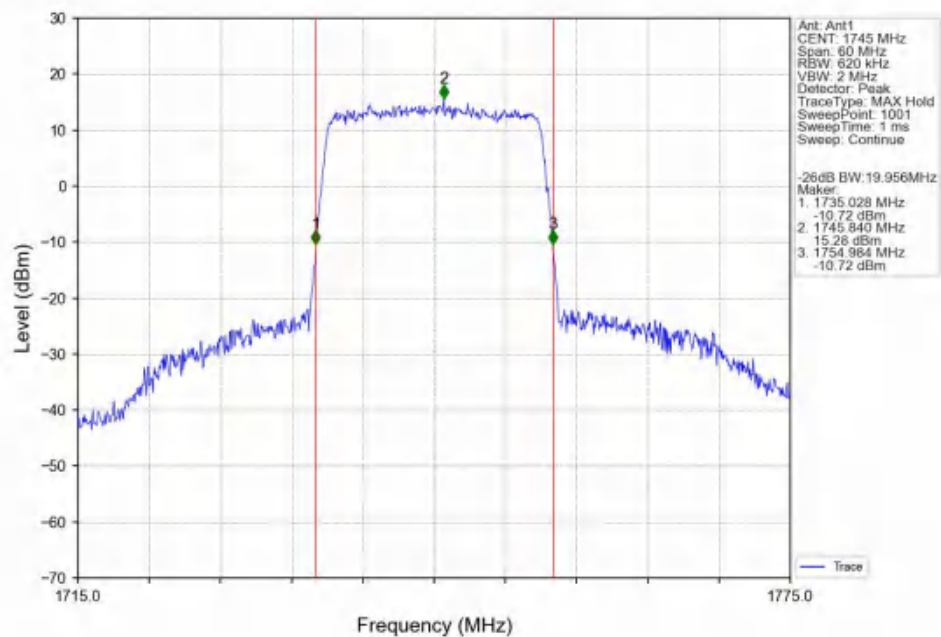
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	5.27	<=13	Pass
	1732.5	6	0	5.04	<=13	Pass
	1754.3	6	0	4.93	<=13	Pass
16QAM	1710.7	6	0	6.04	<=13	Pass
	1732.5	6	0	5.94	<=13	Pass
	1754.3	6	0	5.68	<=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	5.32	<=13	Pass
	1732.5	15	0	5.11	<=13	Pass
	1753.5	15	0	5.10	<=13	Pass
16QAM	1711.5	15	0	6.14	<=13	Pass
	1732.5	15	0	5.96	<=13	Pass
	1753.5	15	0	5.88	<=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	5.46	<=13	Pass
	1732.5	25	0	5.37	<=13	Pass
	1752.5	25	0	5.30	<=13	Pass
16QAM	1712.5	25	0	6.22	<=13	Pass
	1732.5	25	0	6.07	<=13	Pass
	1752.5	25	0	5.96	<=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	5.43	<=13	Pass
	1732.5	50	0	5.36	<=13	Pass
	1750	50	0	5.33	<=13	Pass
16QAM	1715	50	0	6.17	<=13	Pass
	1732.5	50	0	6.12	<=13	Pass

	1750	50	0	6.04	<=13	Pass
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5.1.5 B4_15MHz

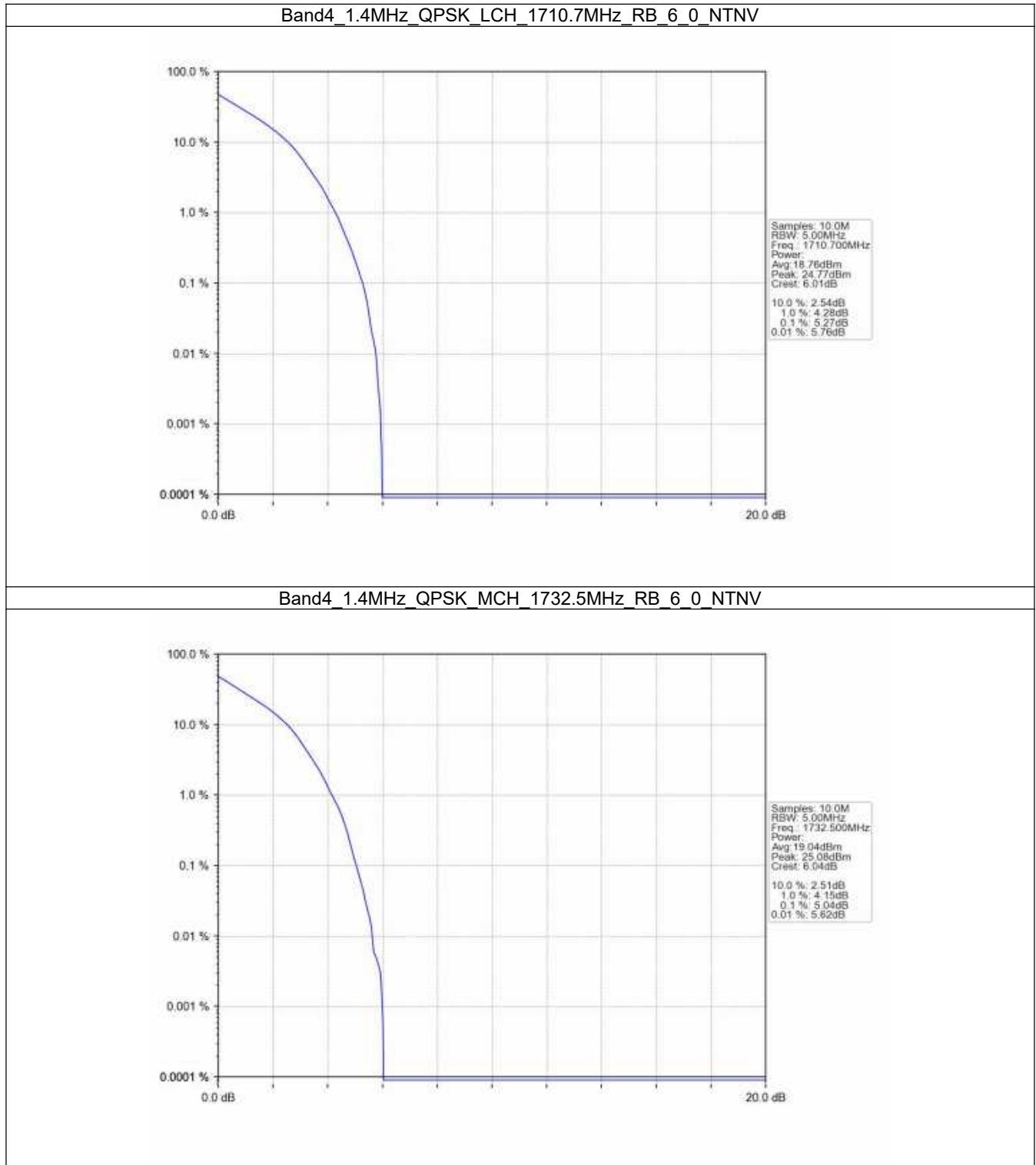
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.50	<=13	Pass
	1732.5	75	0	5.40	<=13	Pass
	1747.5	75	0	5.42	<=13	Pass
16QAM	1717.5	75	0	6.04	<=13	Pass
	1732.5	75	0	6.00	<=13	Pass
	1747.5	75	0	6.01	<=13	Pass

5.1.6 B4_20MHz

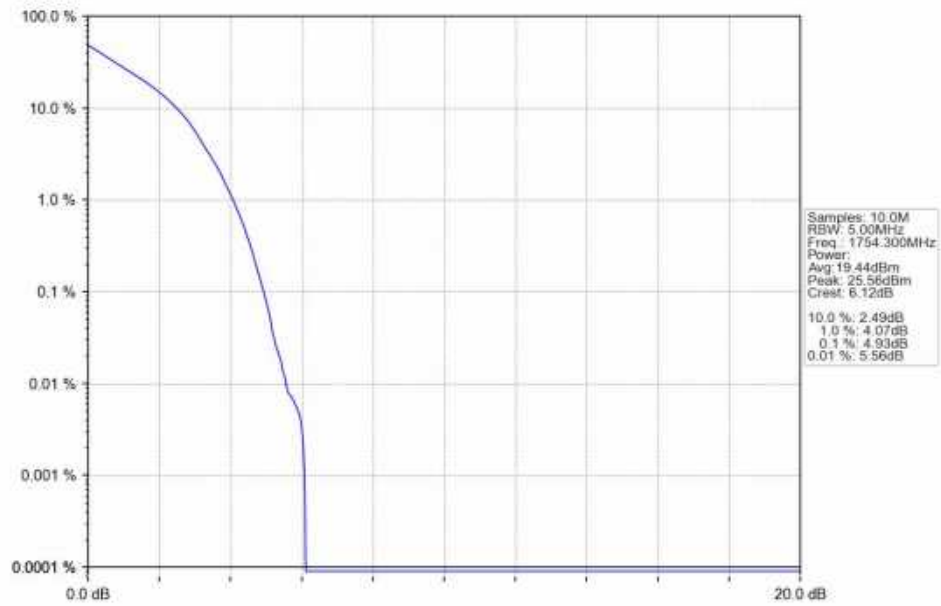
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.36	<=13	Pass
	1732.5	100	0	5.26	<=13	Pass
	1745	100	0	5.30	<=13	Pass
16QAM	1720	100	0	6.07	<=13	Pass
	1732.5	100	0	6.06	<=13	Pass
	1745	100	0	6.09	<=13	Pass

5.2 Test Graph

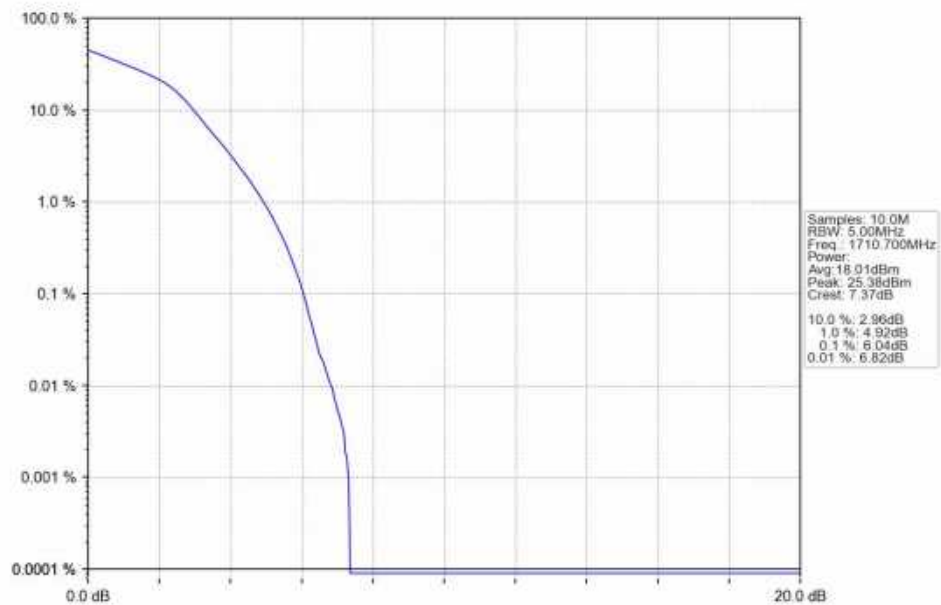
5.2.1 B4_1.4MHz



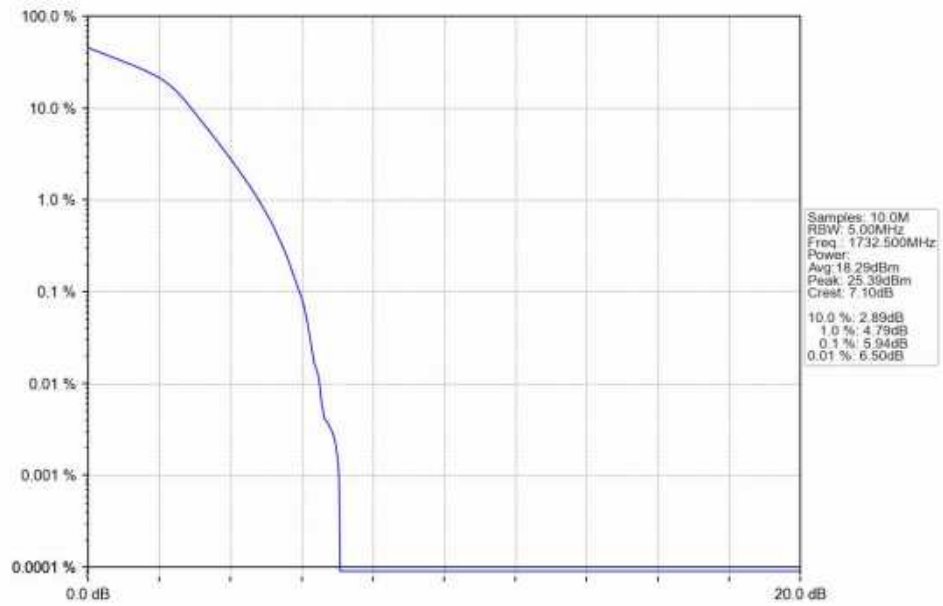
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



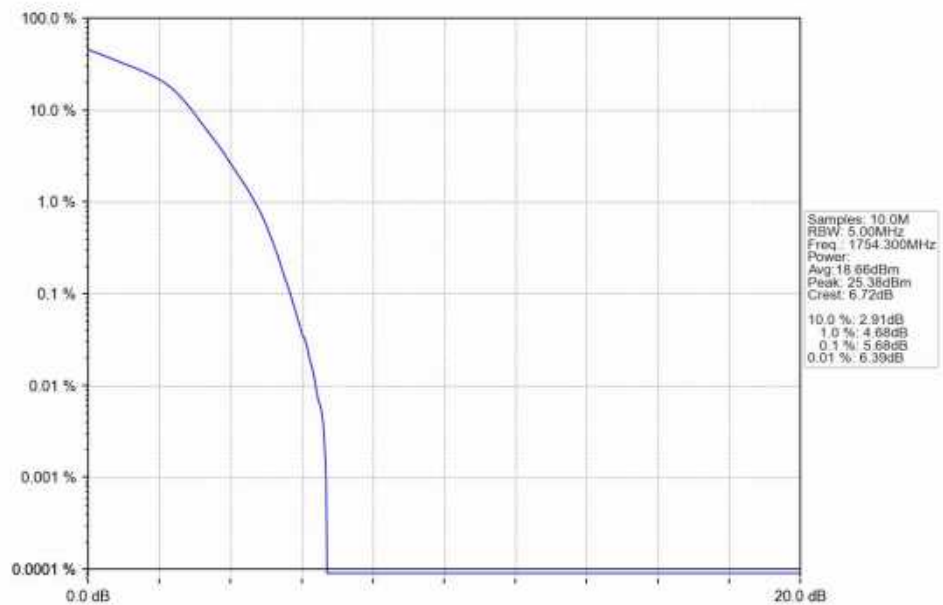
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

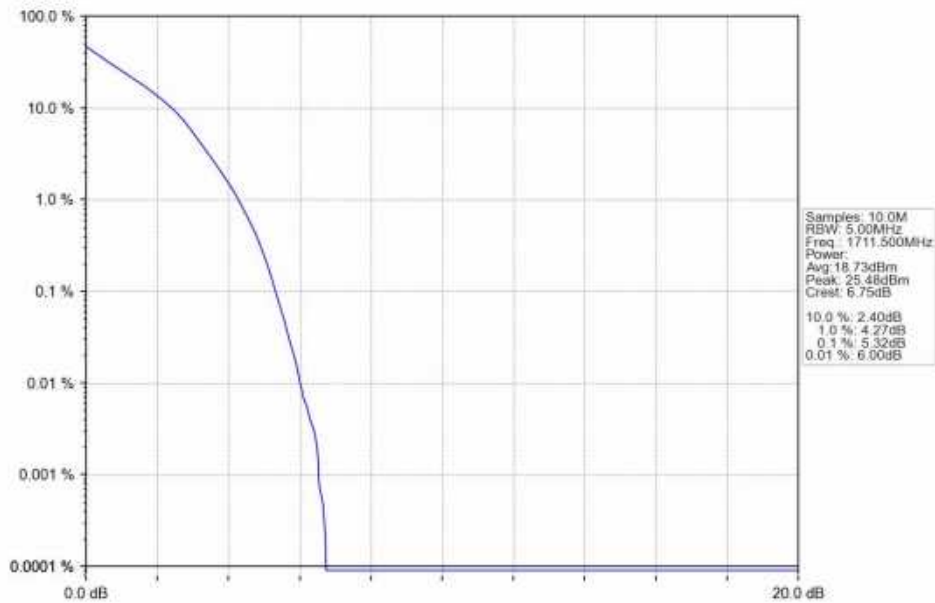


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

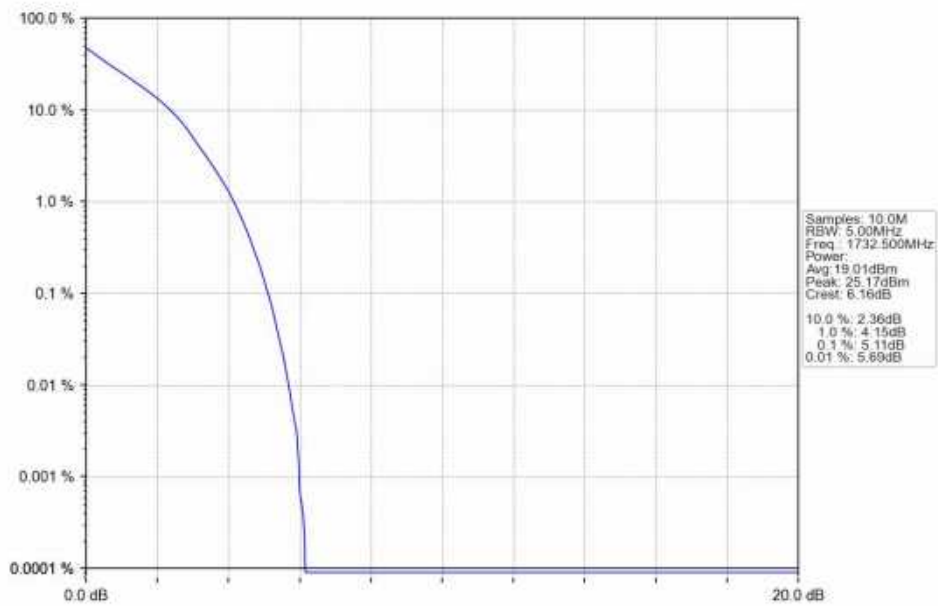


5.2.2 B4_3MHz

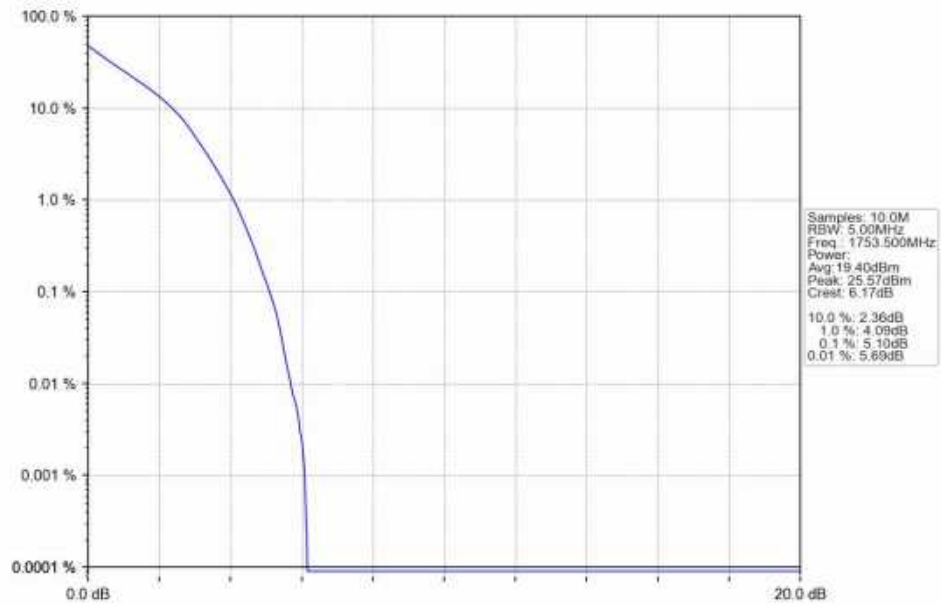
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



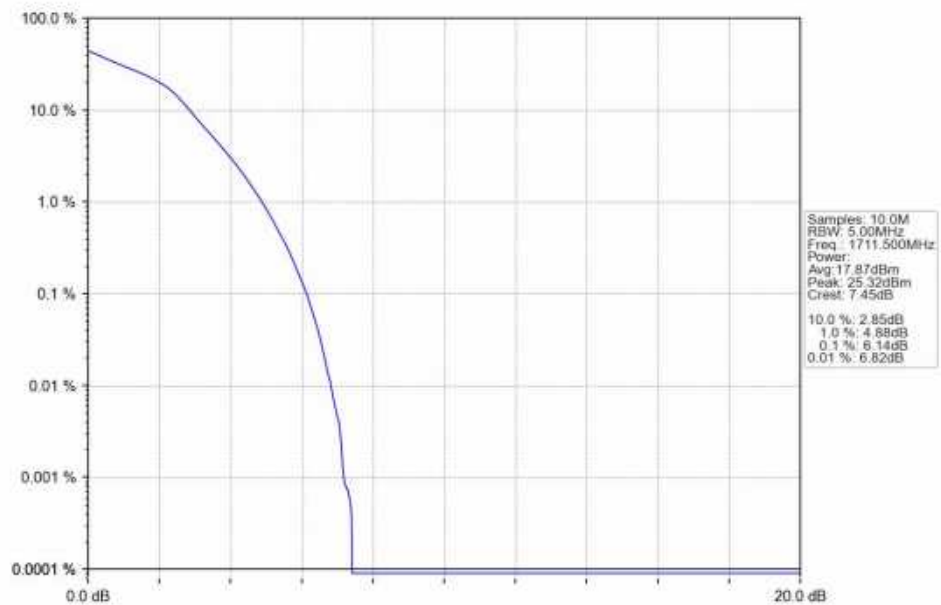
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



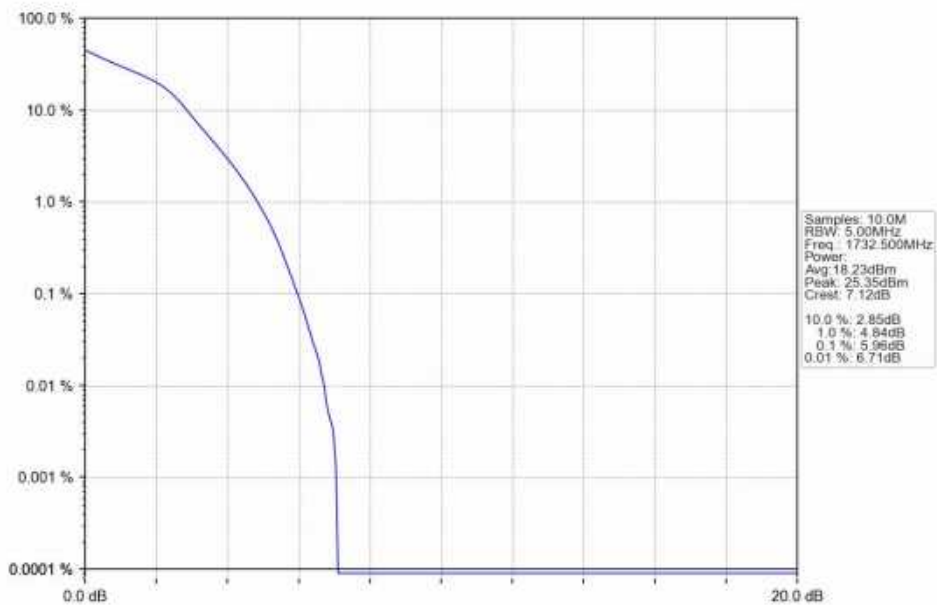
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



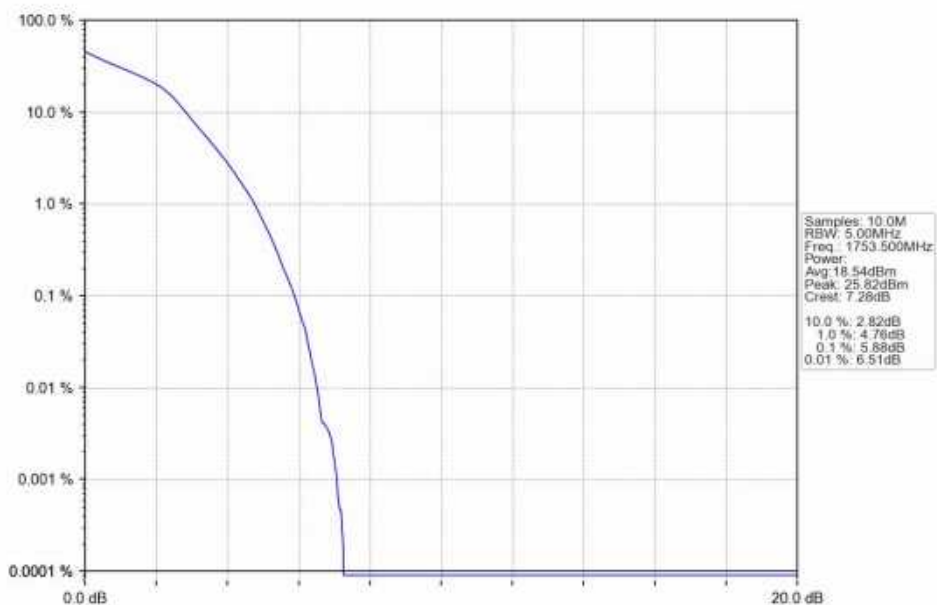
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

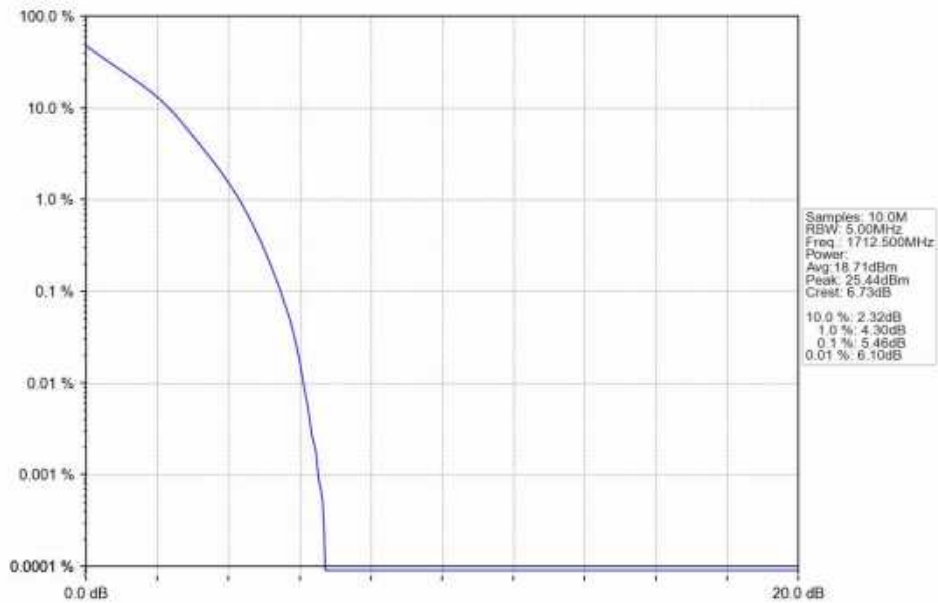


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



5.2.3 B4_5MHz

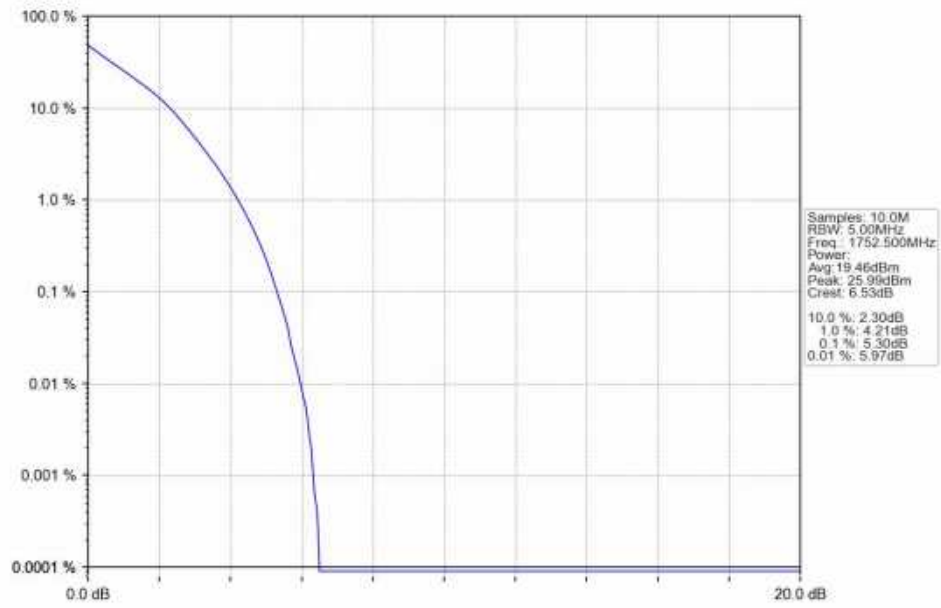
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



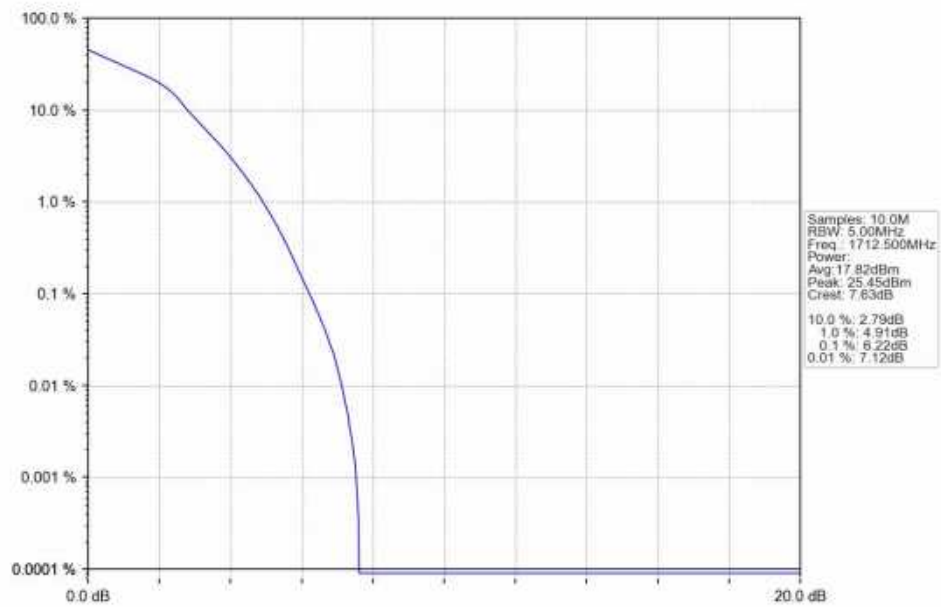
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



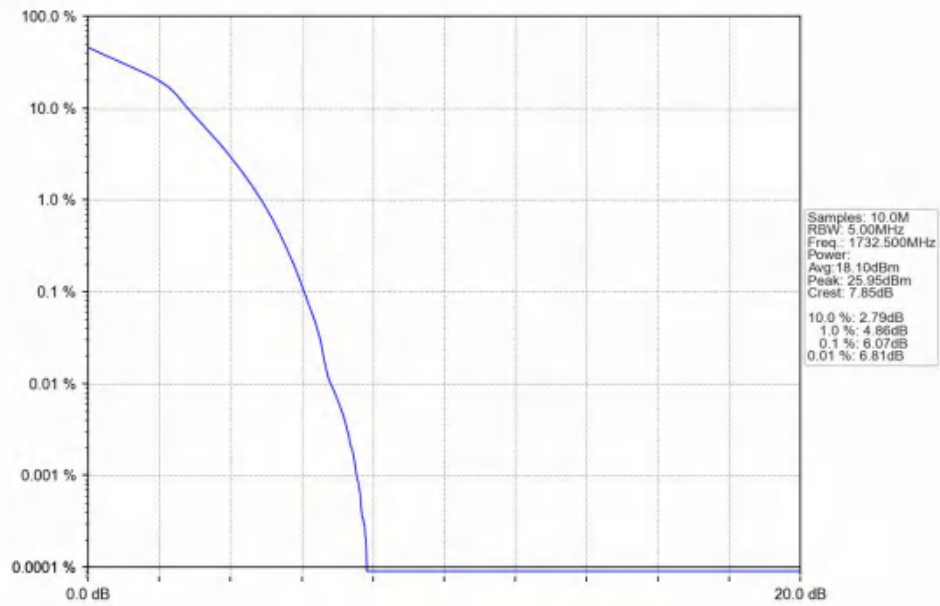
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



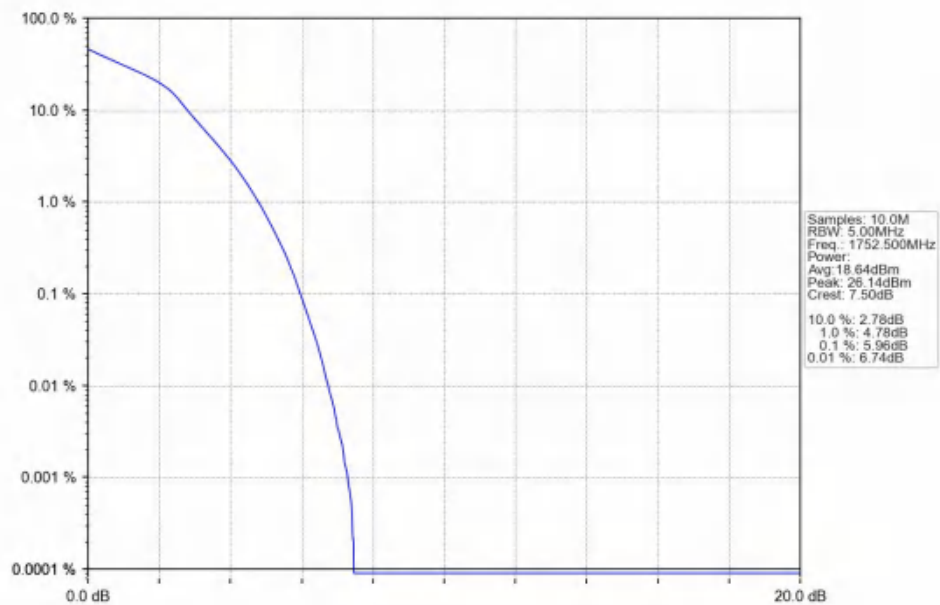
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

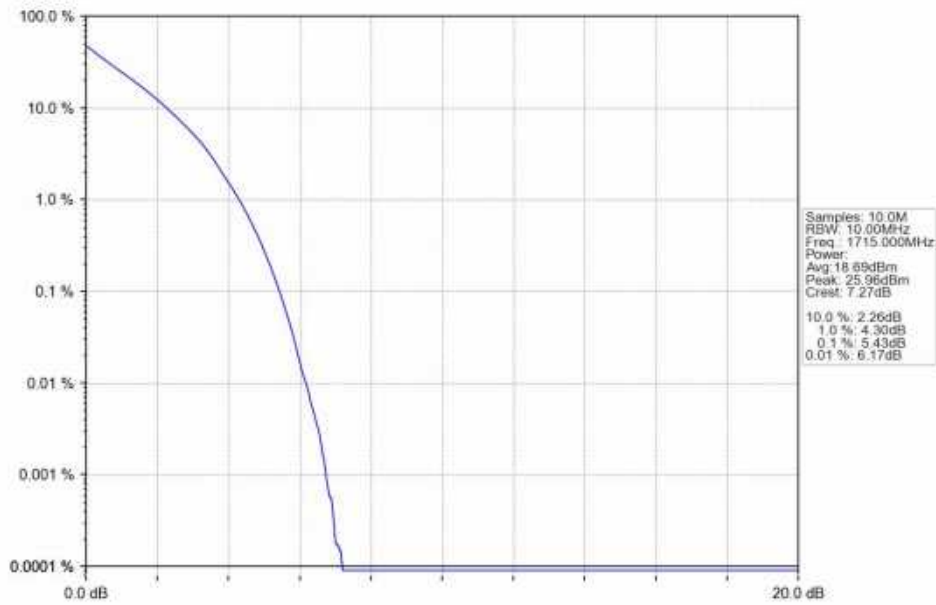


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

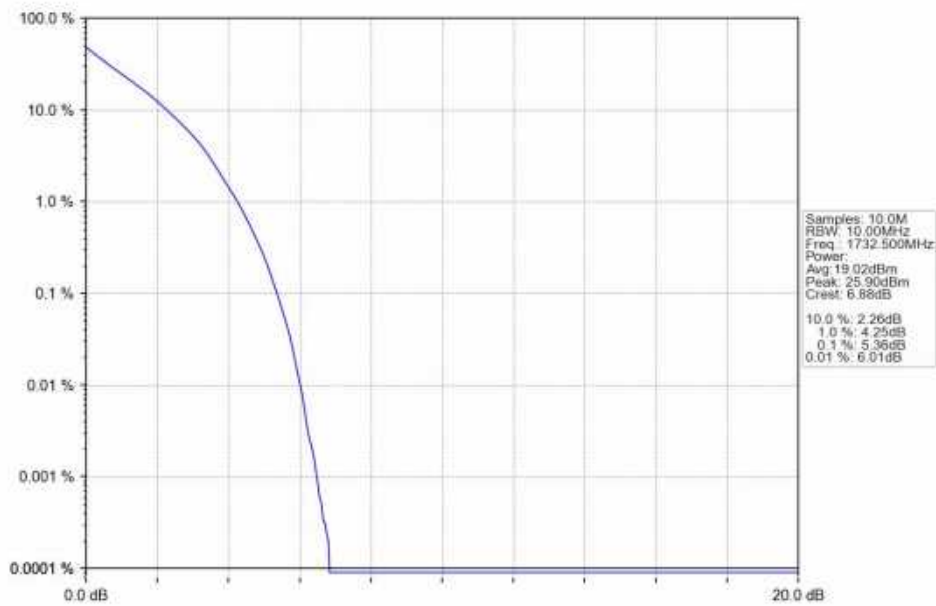


5.2.4 B4_10MHz

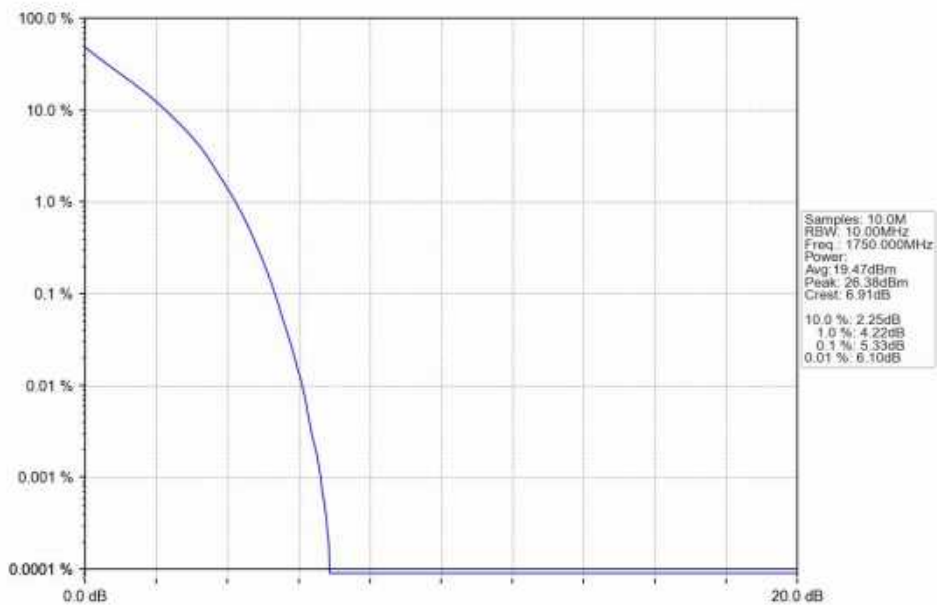
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



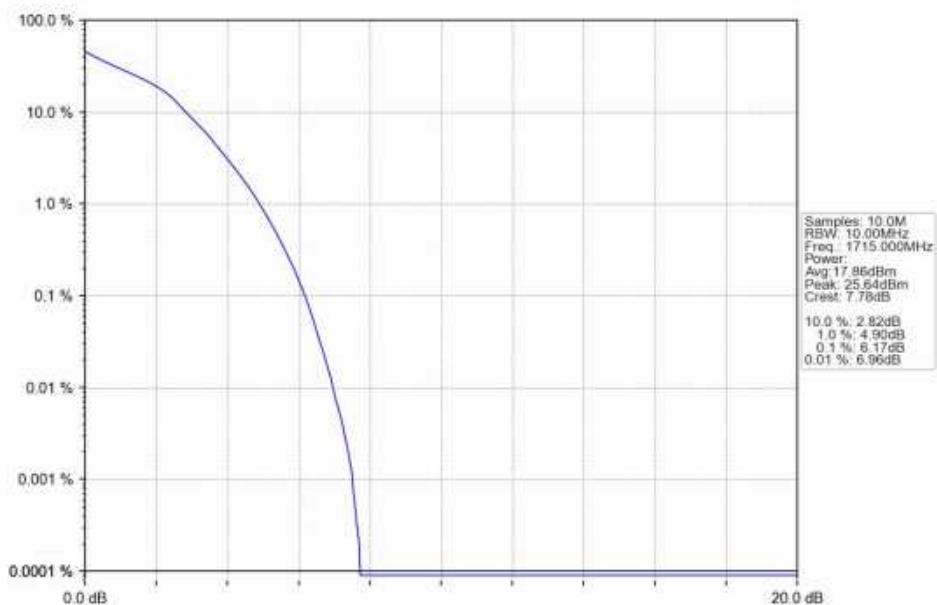
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



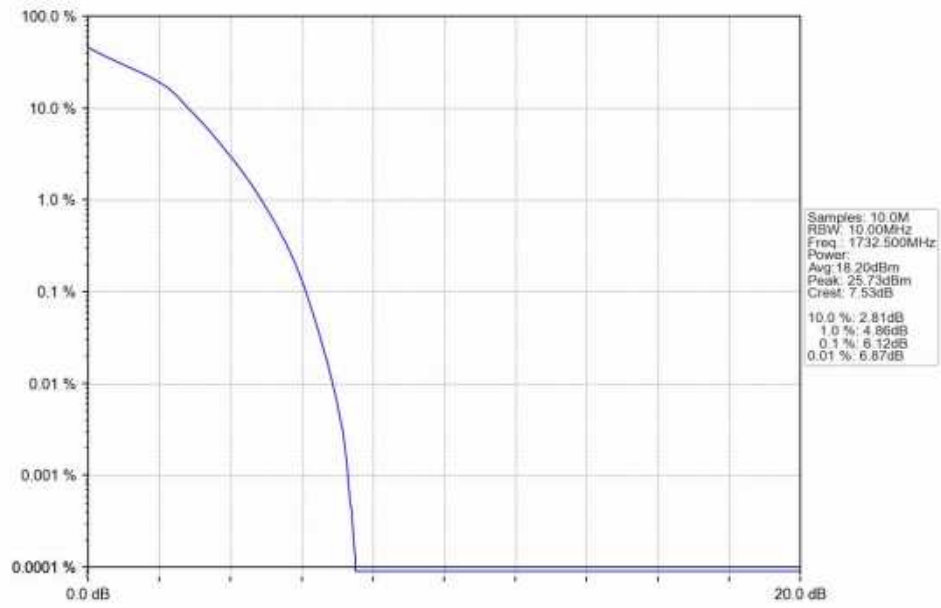
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



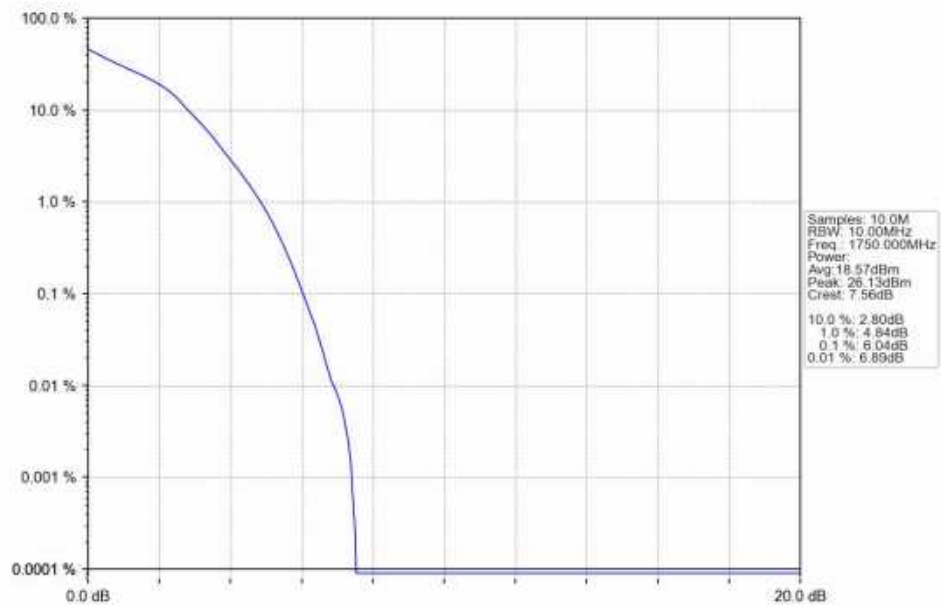
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



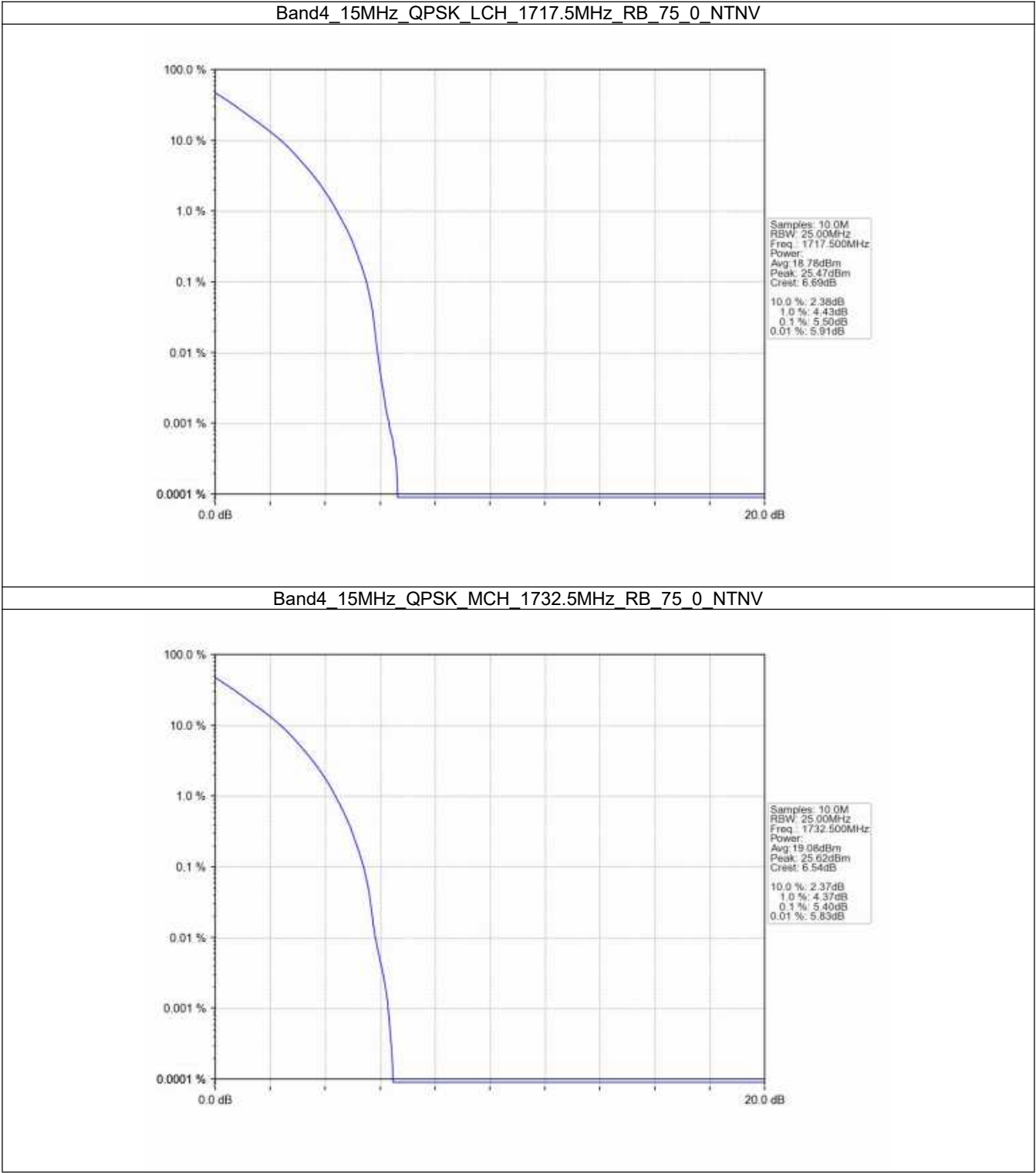
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



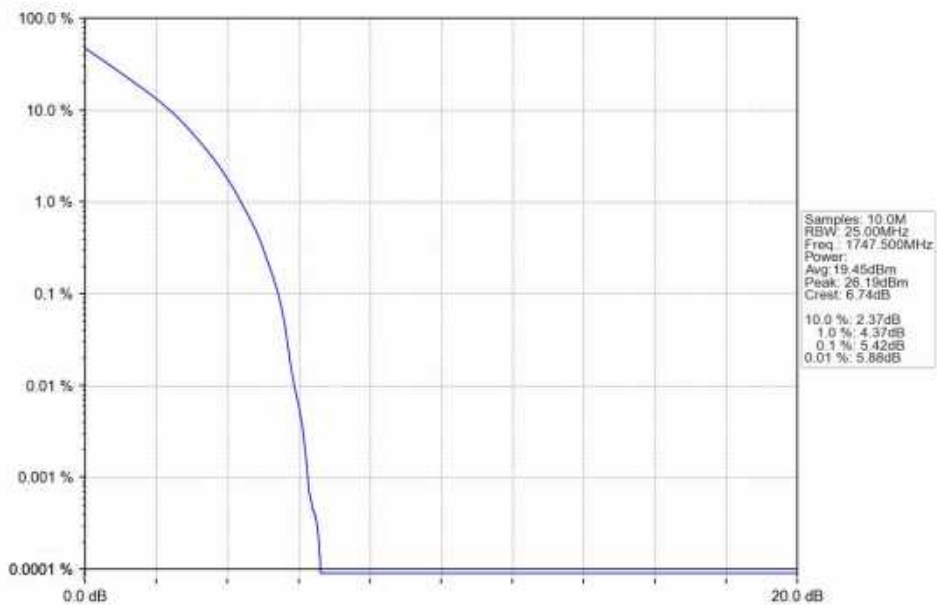
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



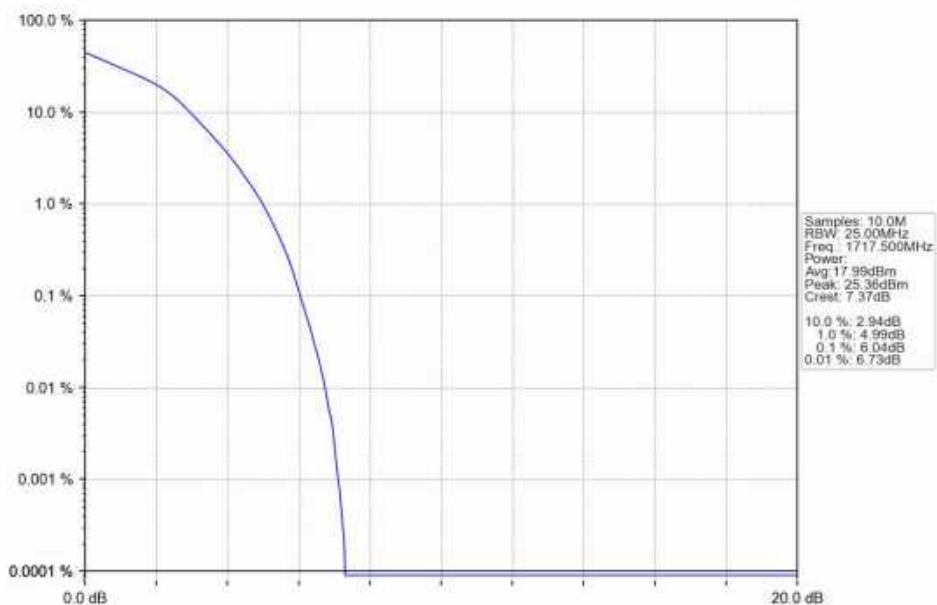
5.2.5 B4_15MHz



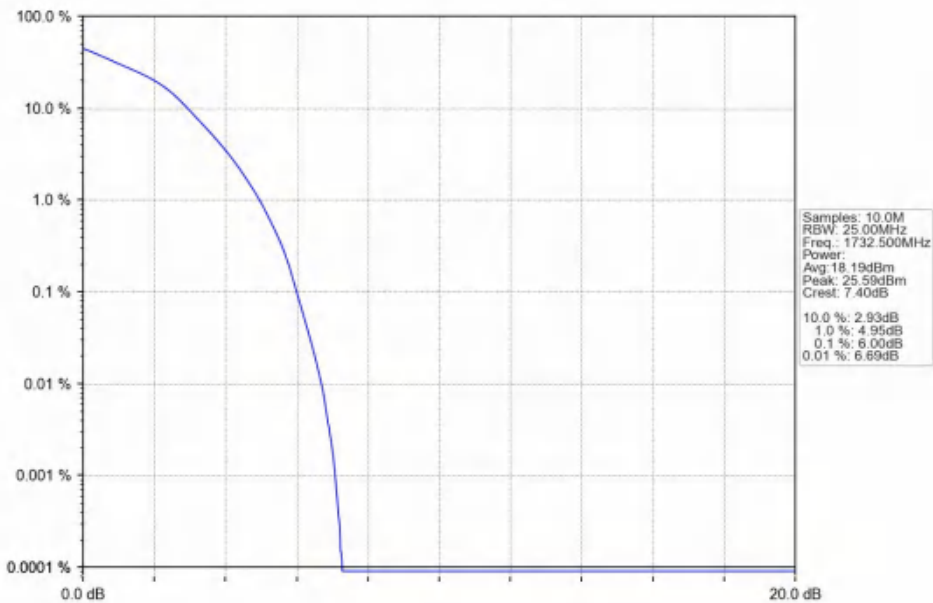
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



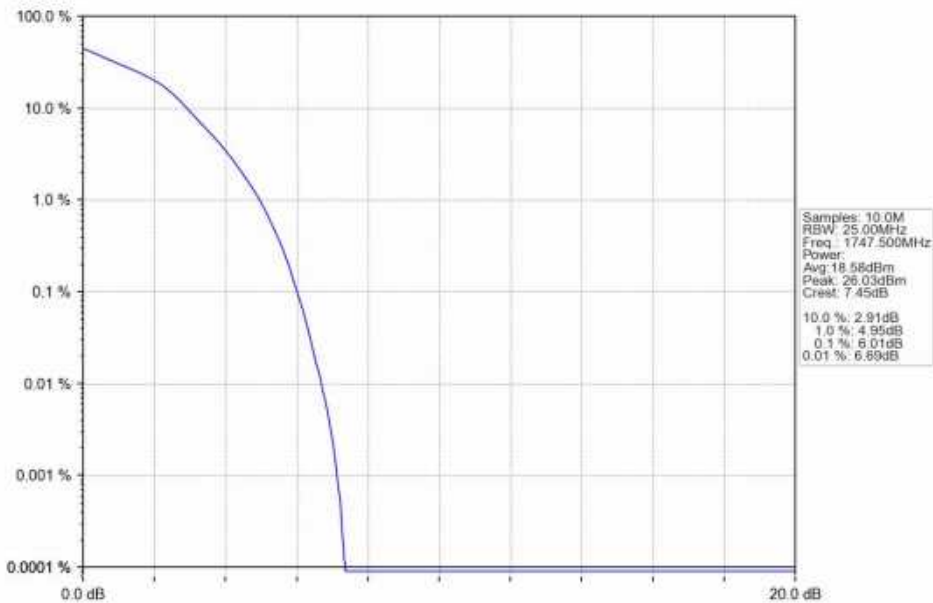
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



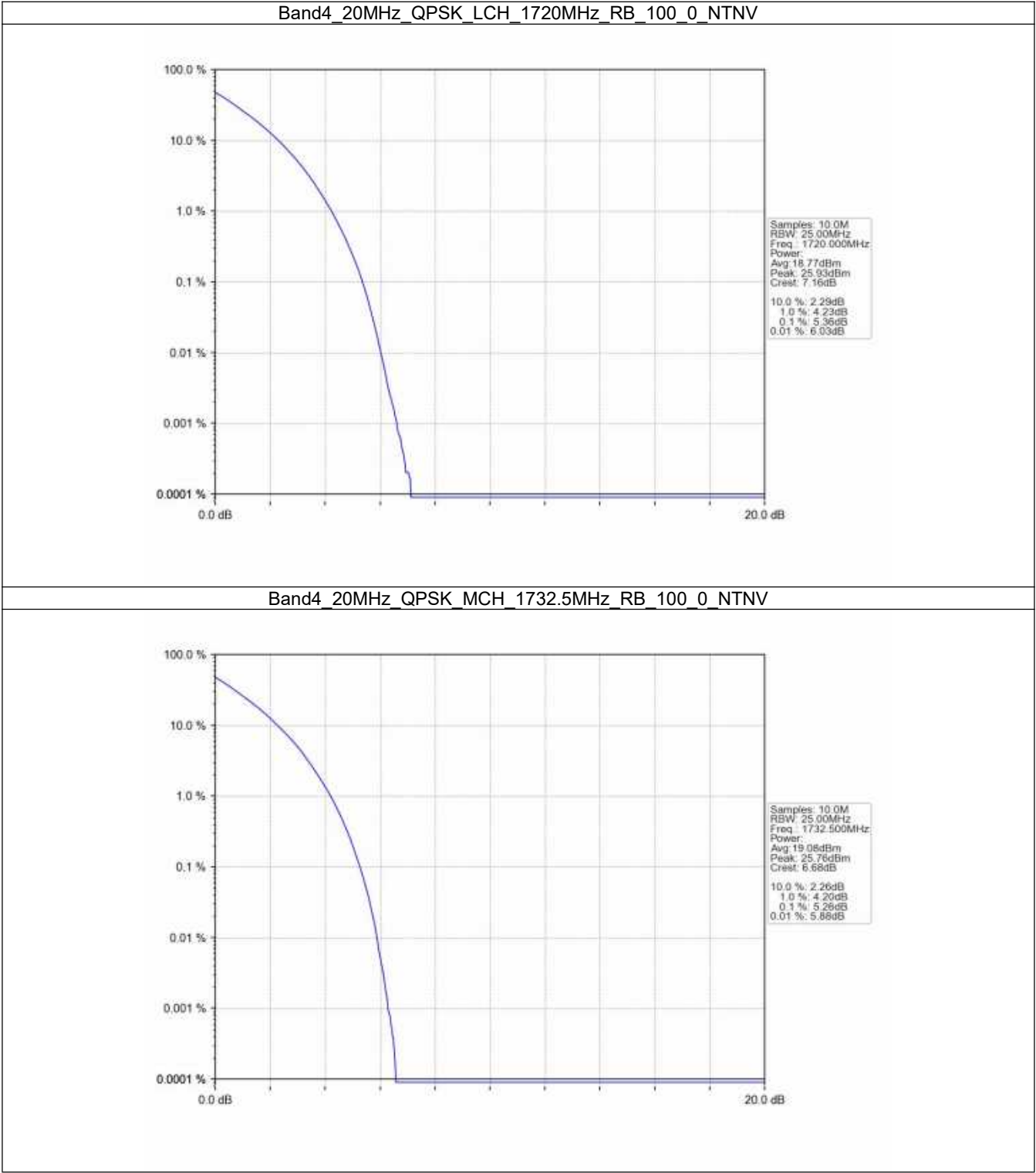
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



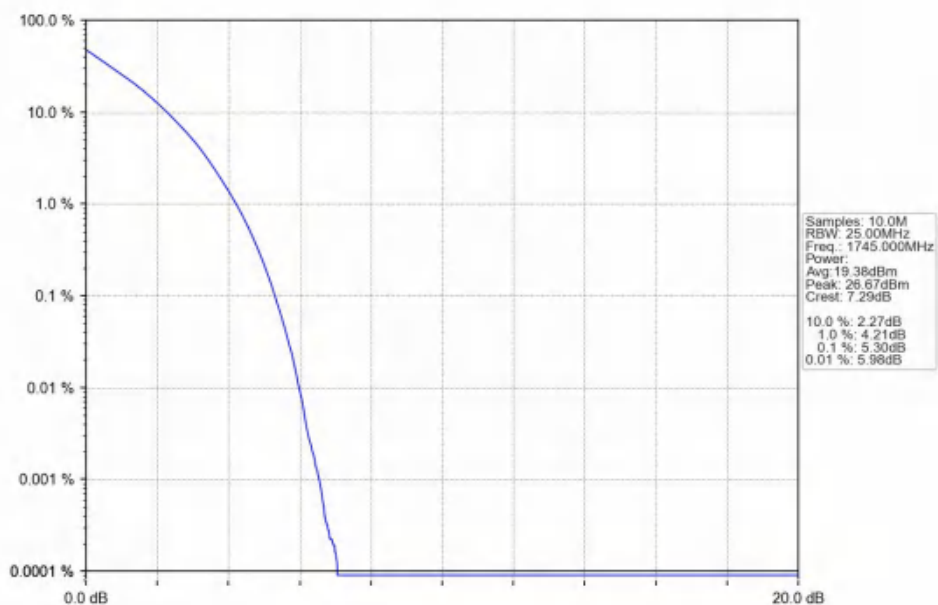
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



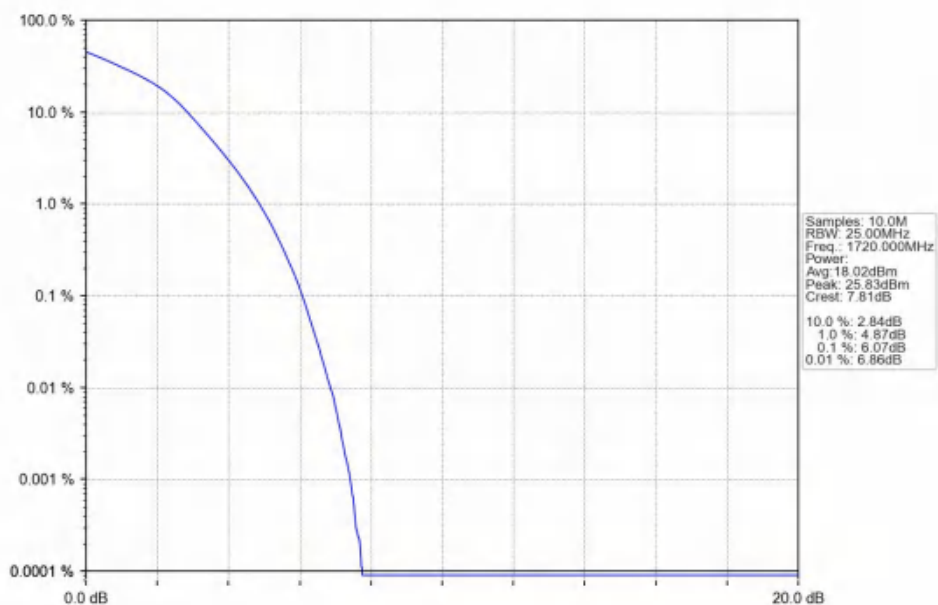
5.2.6 B4_20MHz



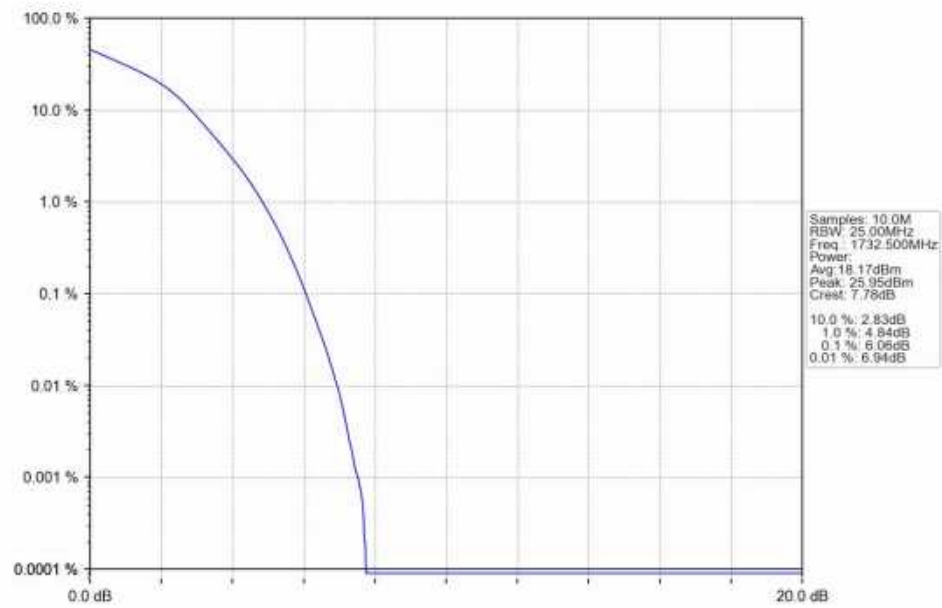
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



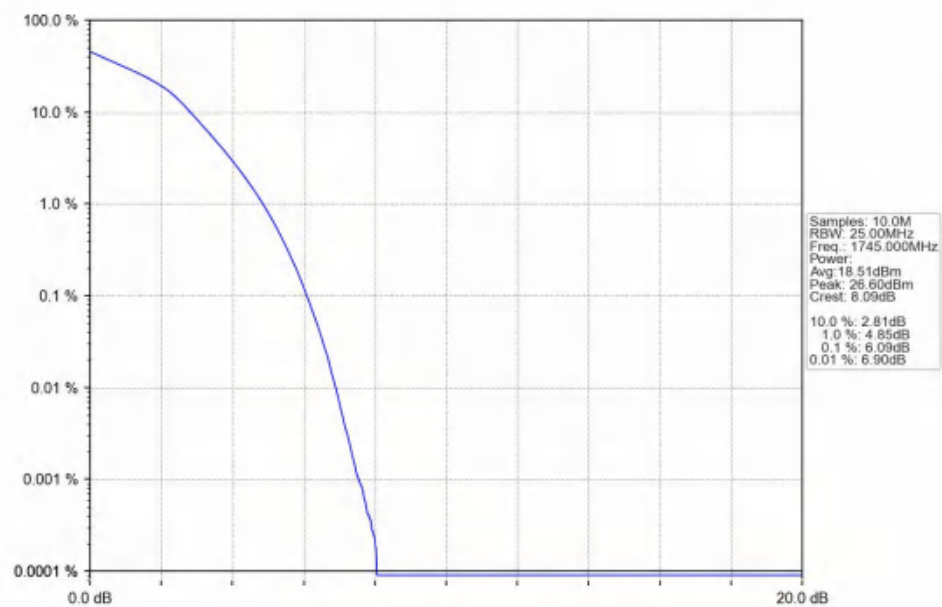
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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	
		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	
		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	
		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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		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

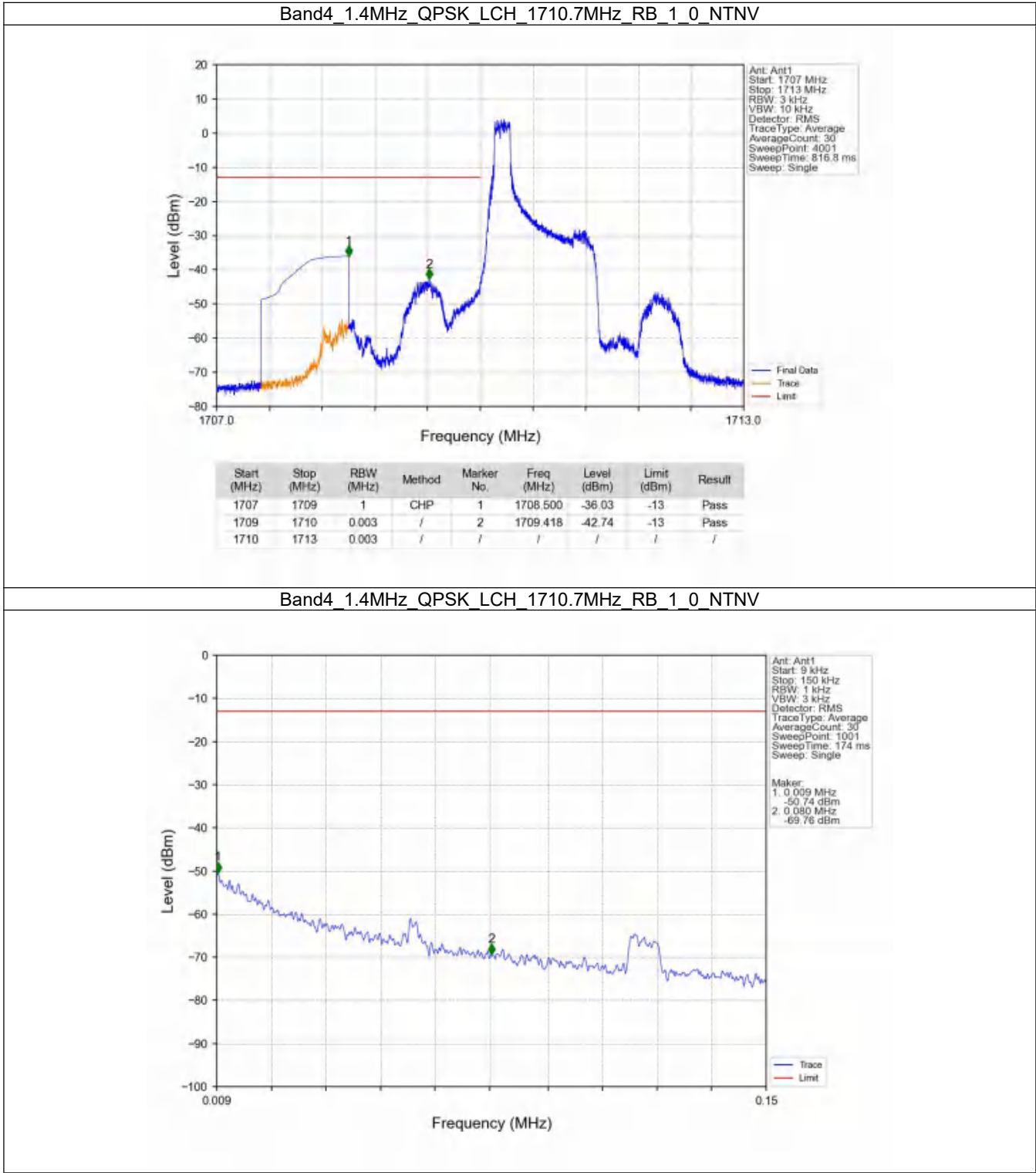
6.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / 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

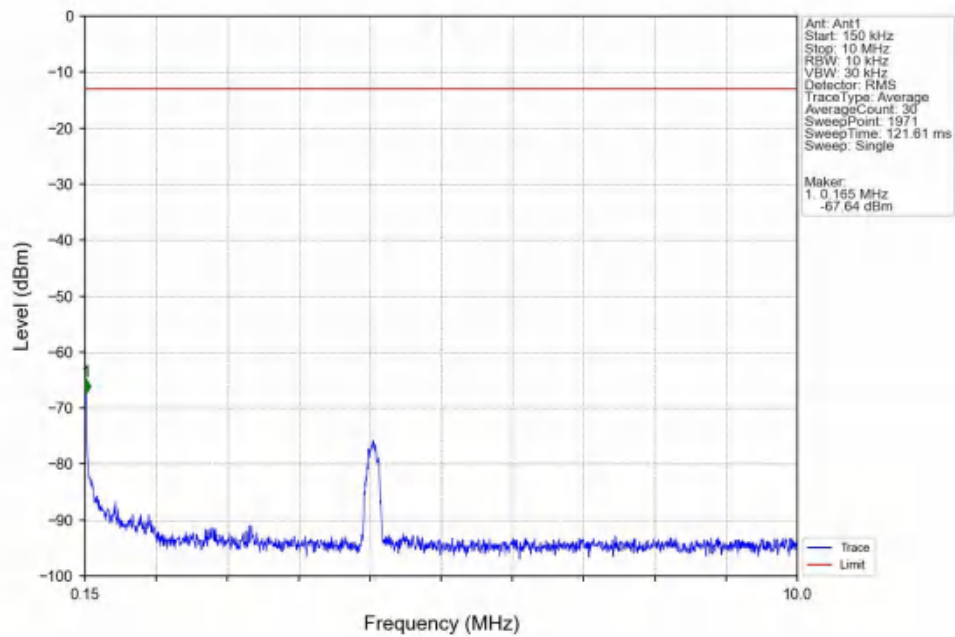
		100	0	Refer To Test Graph	Pass
16QAM	1720	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

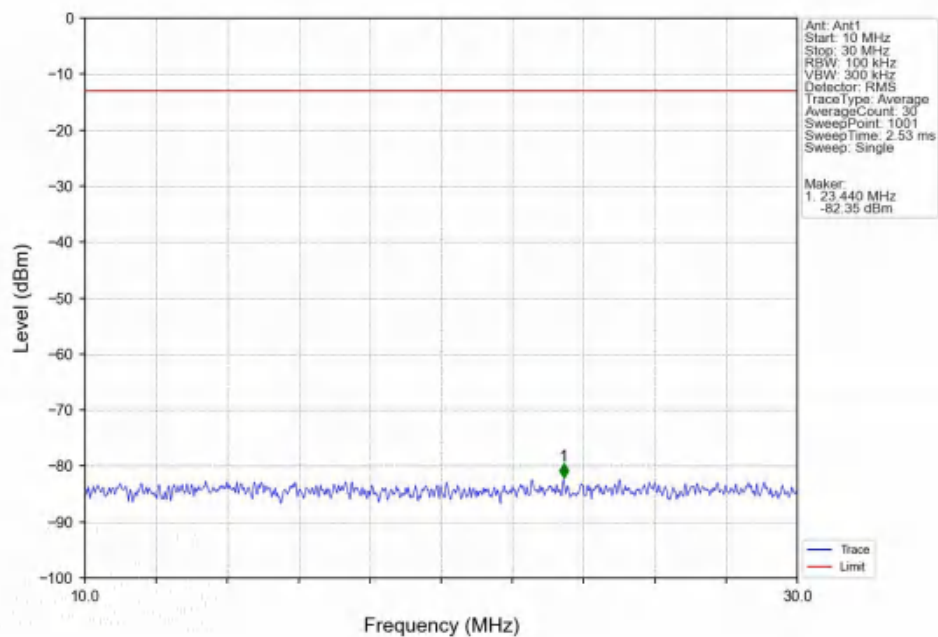
6.2.1 B4_1.4MHz



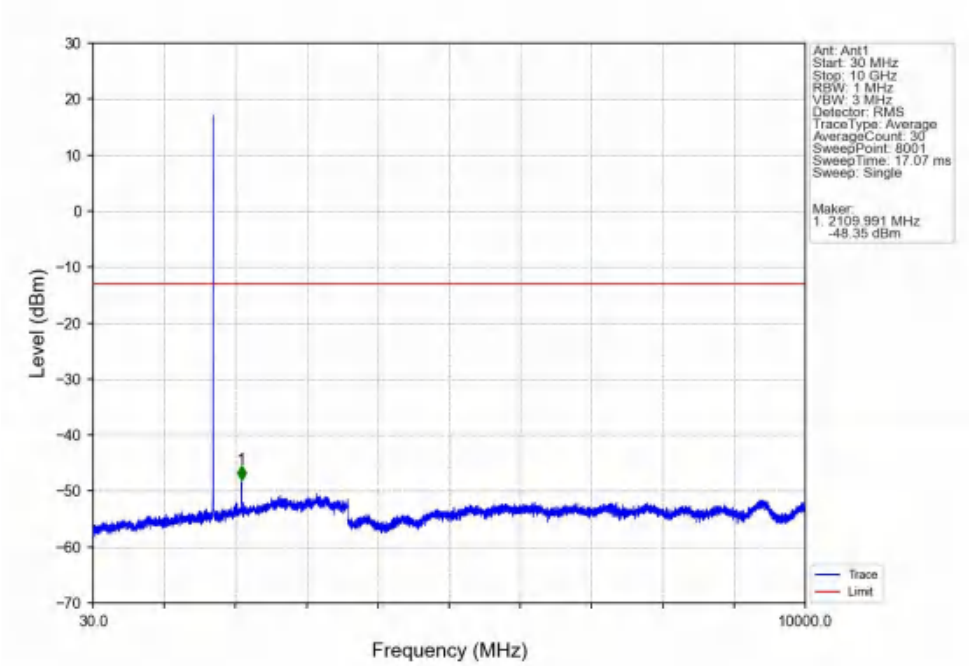
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



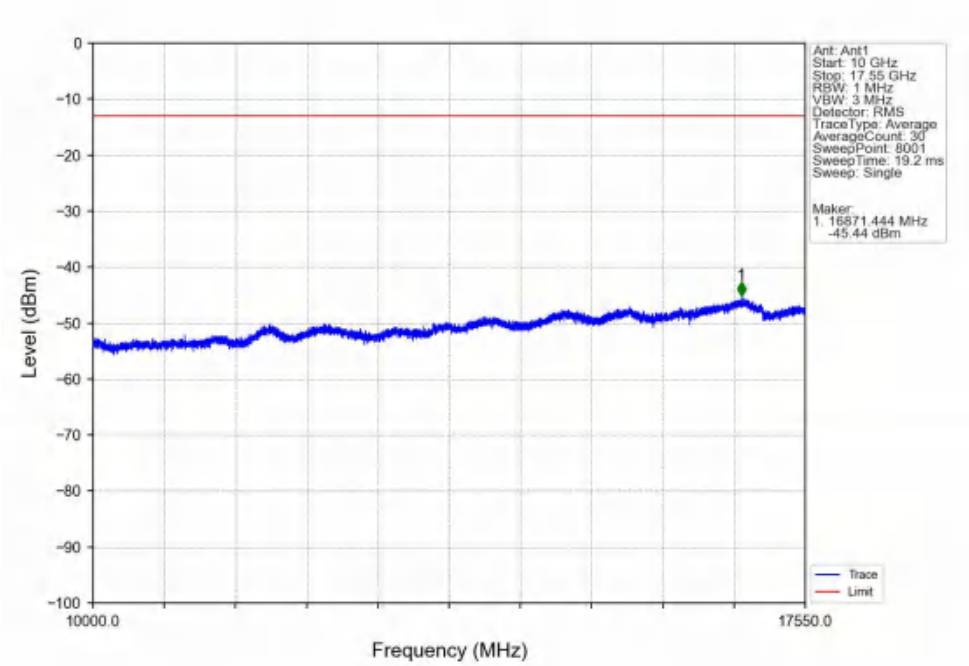
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



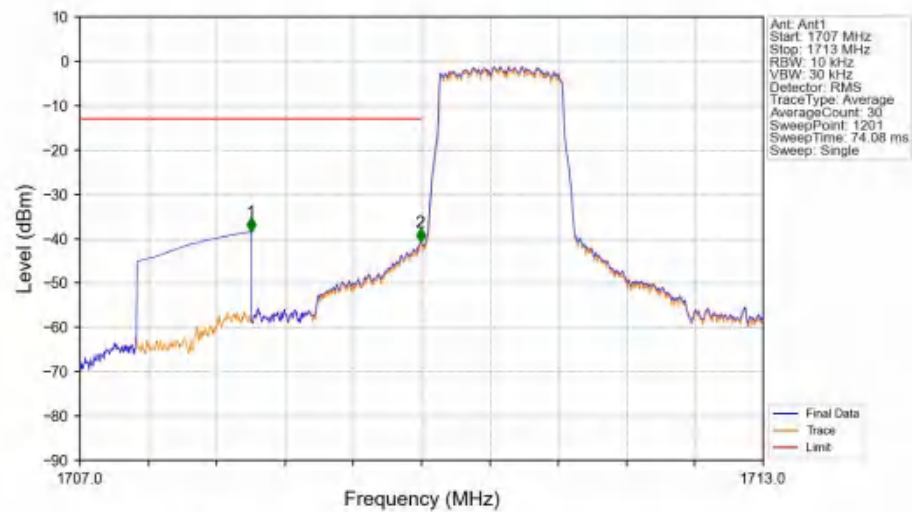
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

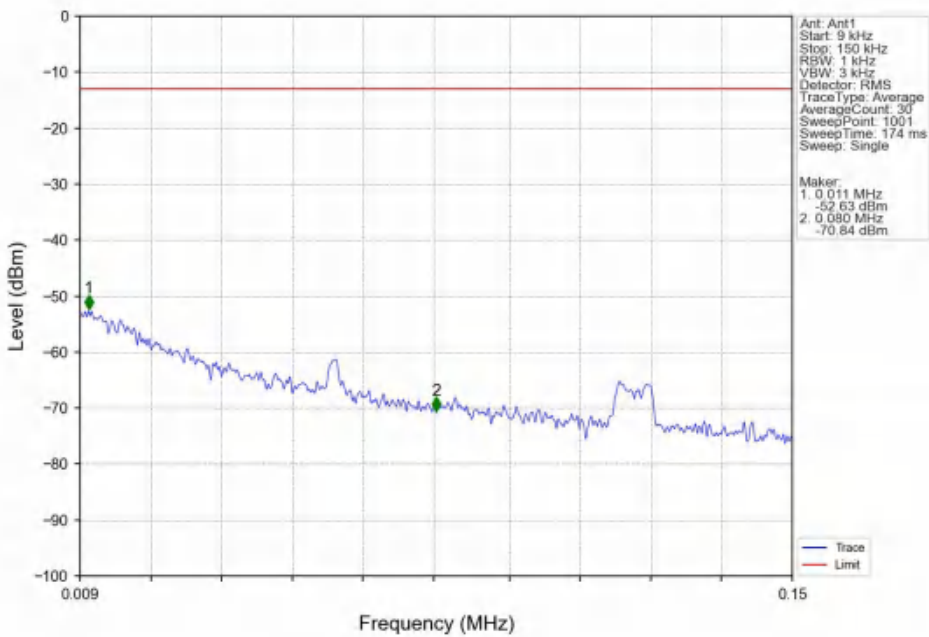


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

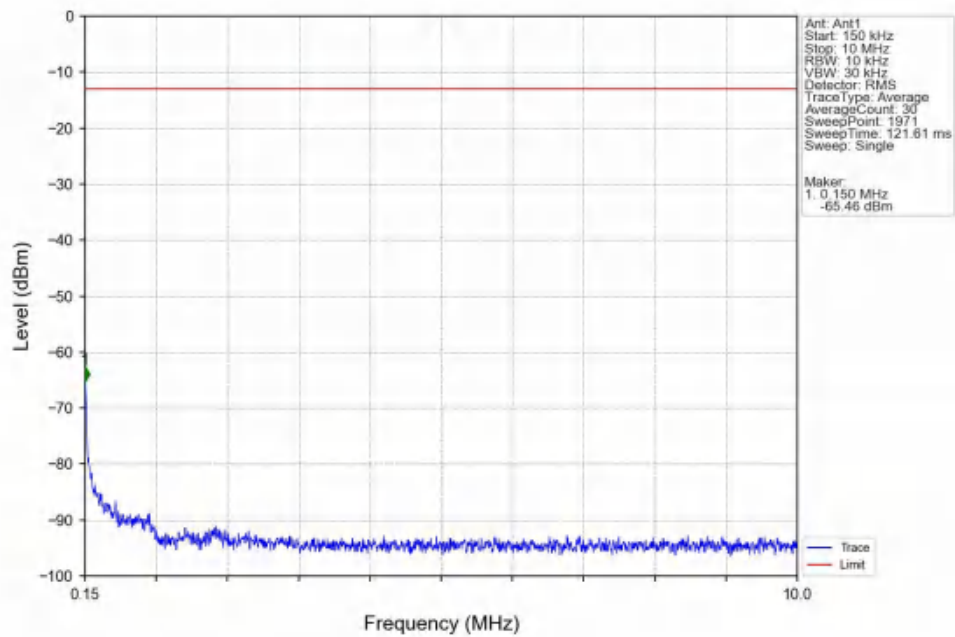


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-38.44	-13	Pass
1709	1710	0.013	CHP	2	1709.990	-40.83	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

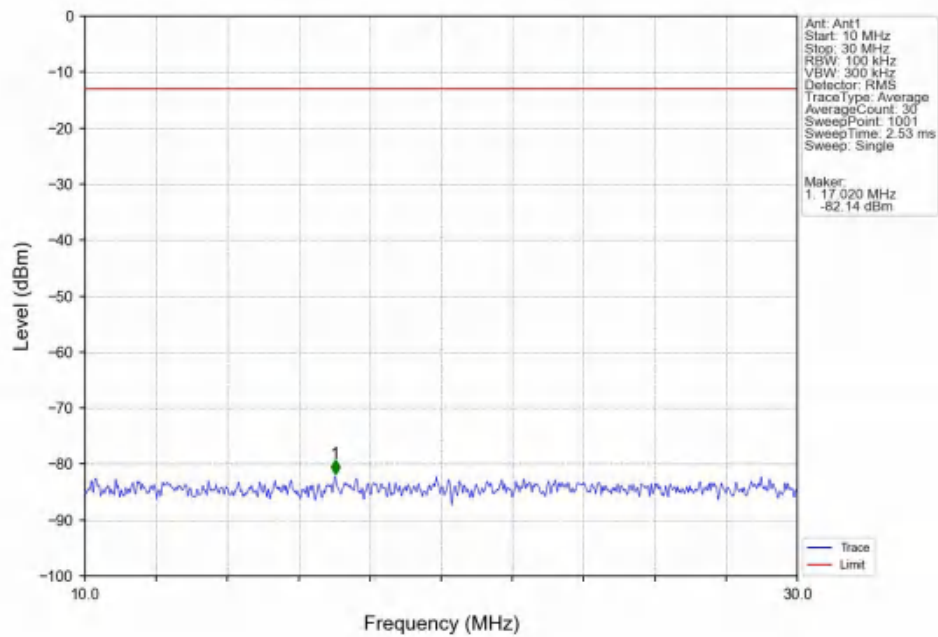
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



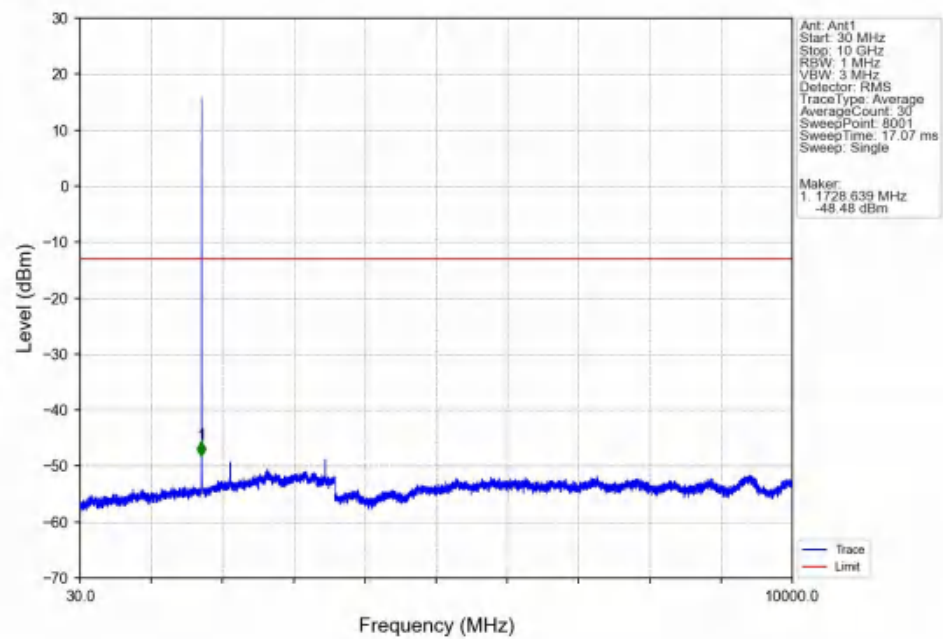
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



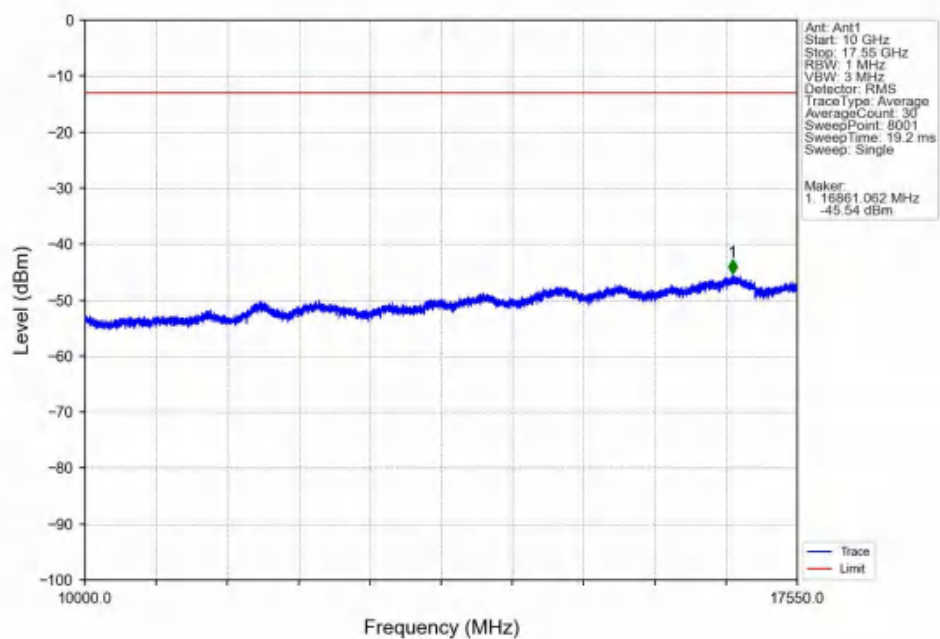
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



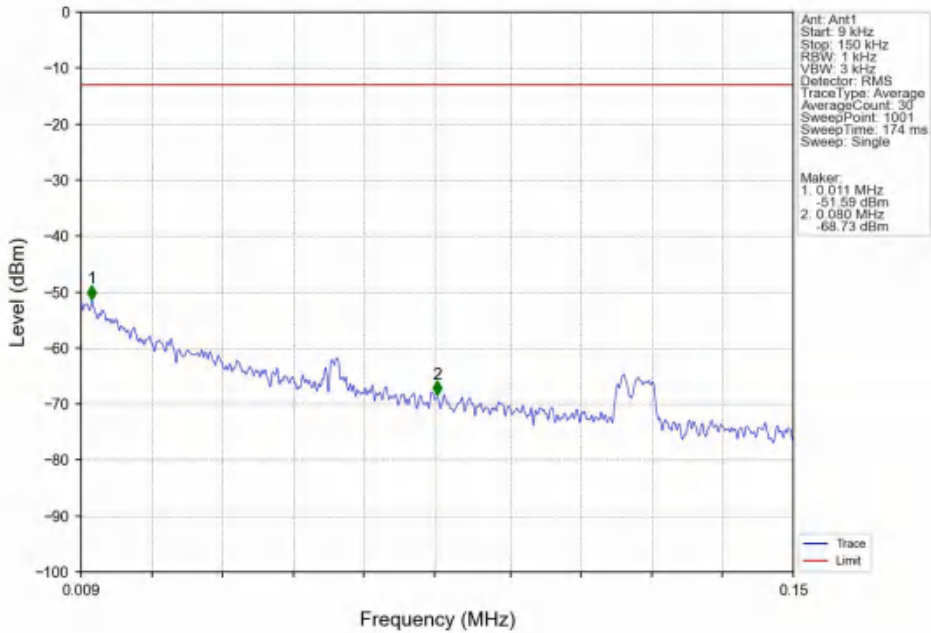
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



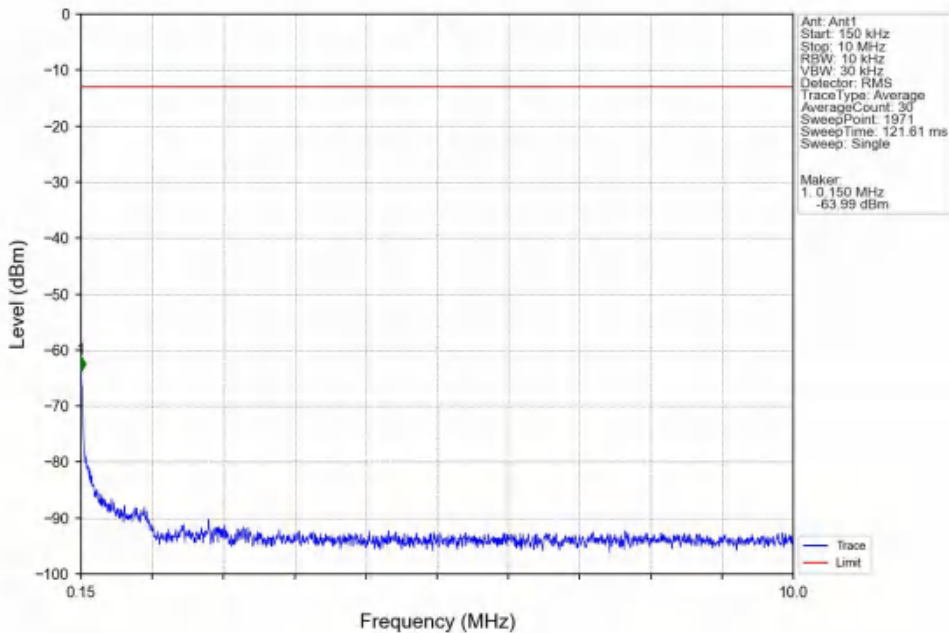
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



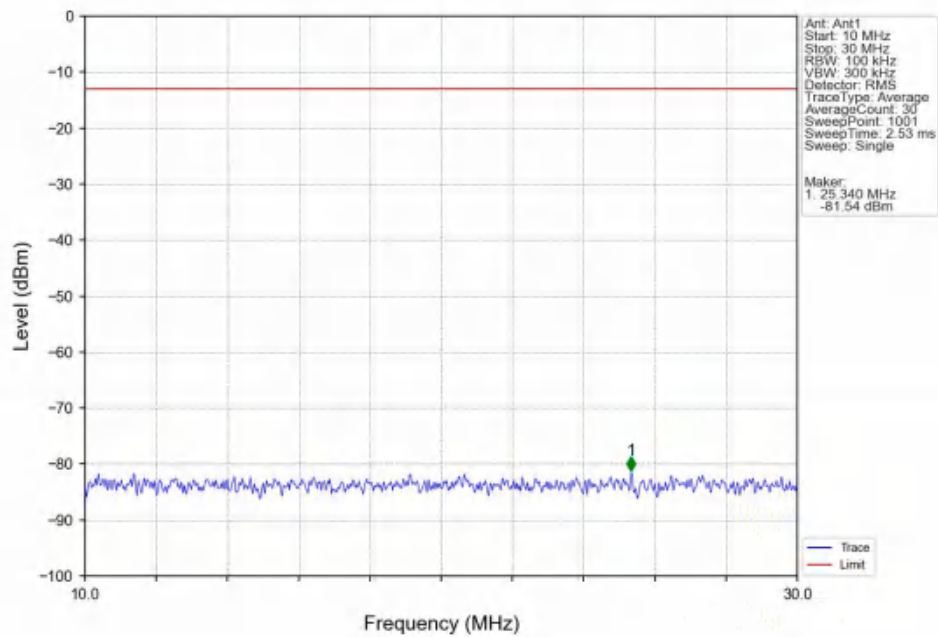
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



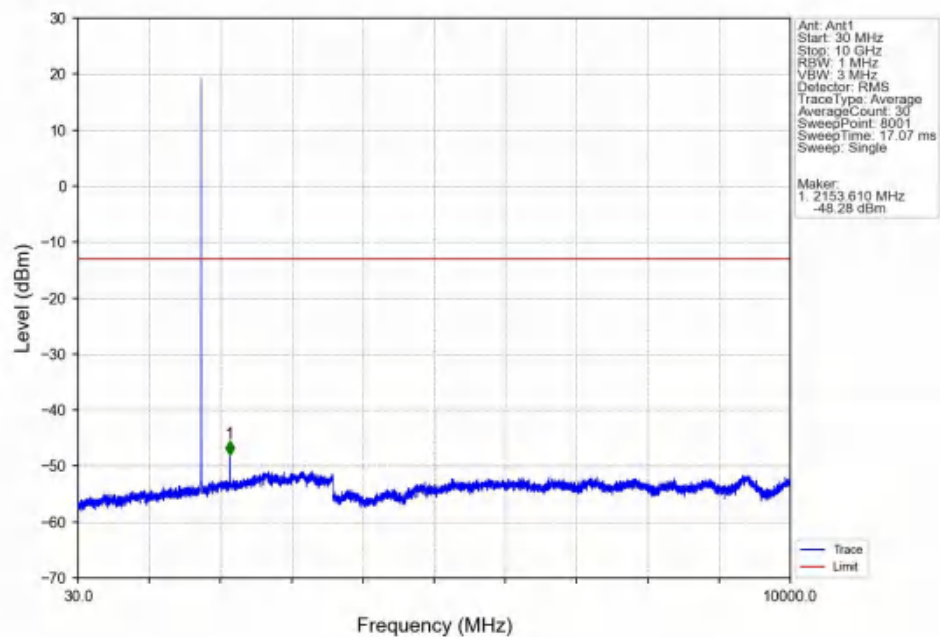
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



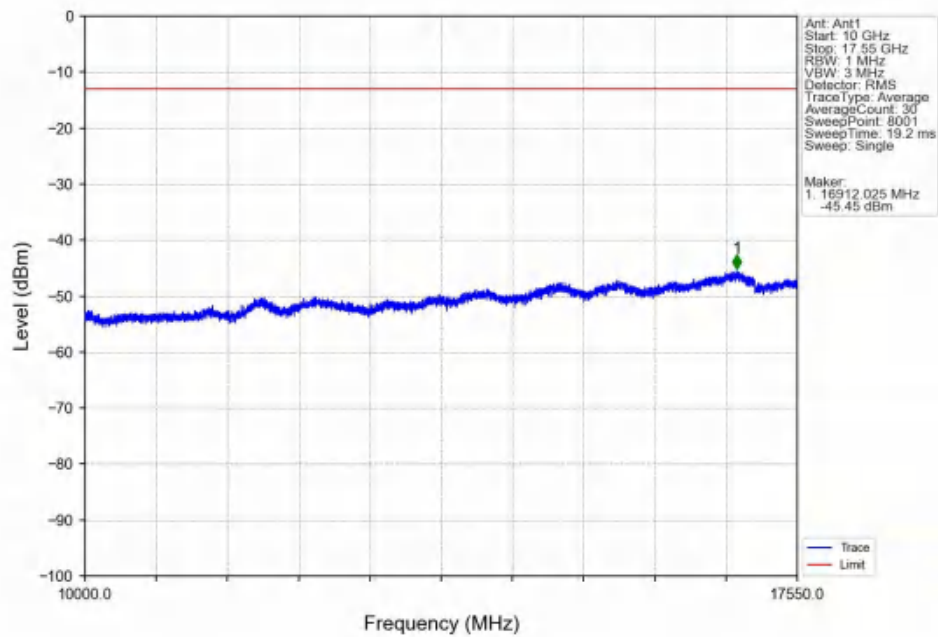
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



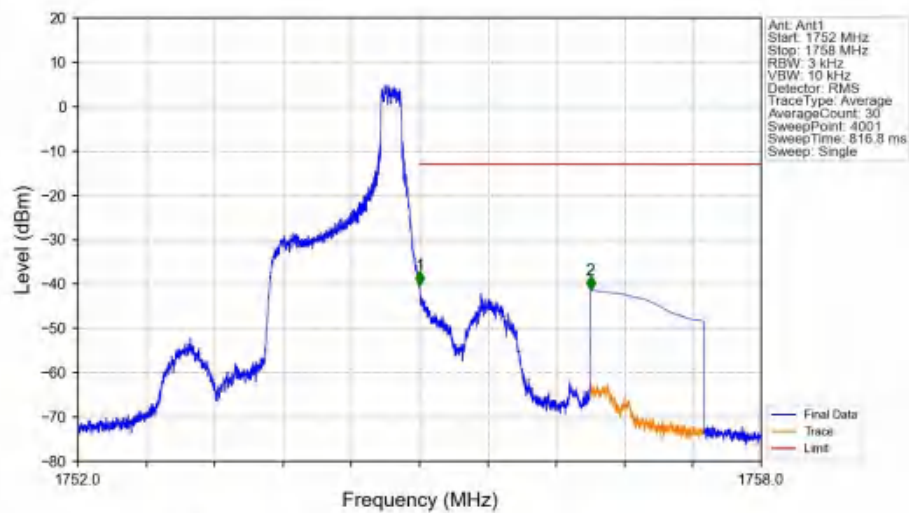
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

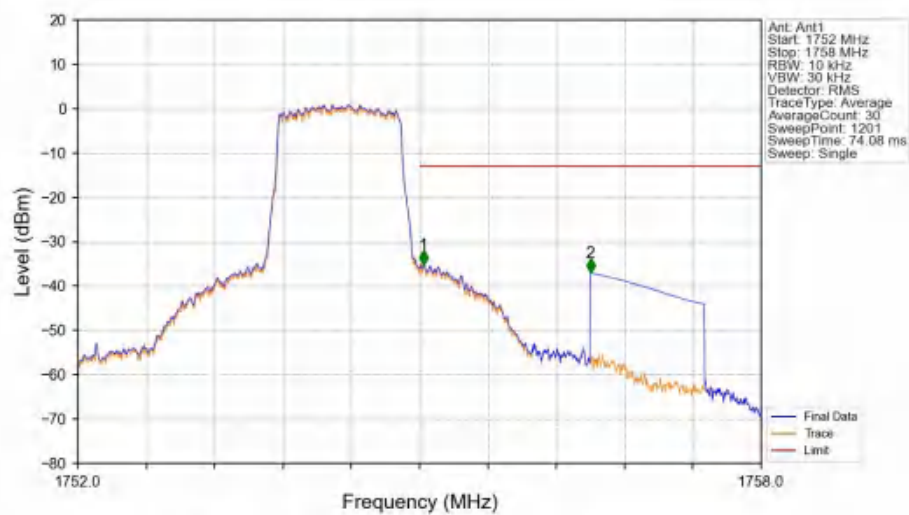


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



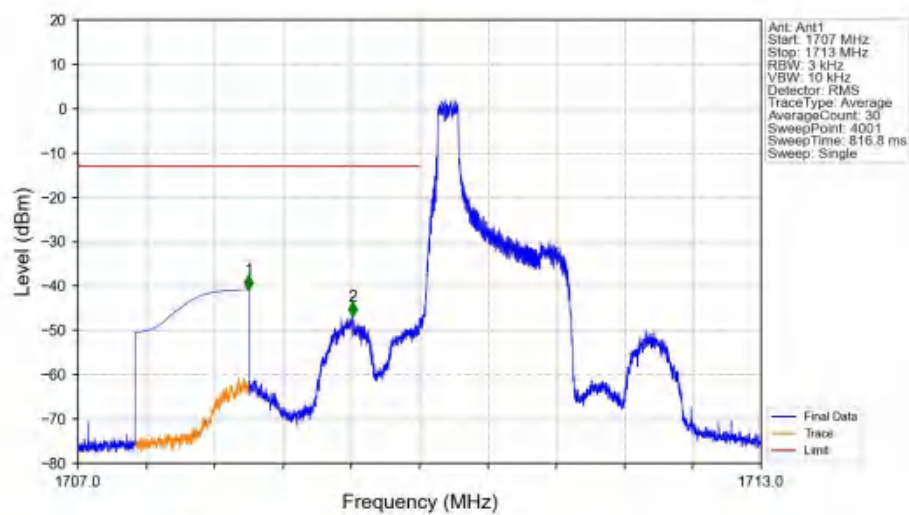
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-40.29	-13	Pass
1756	1758	1	CHP	2	1756.500	-41.41	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



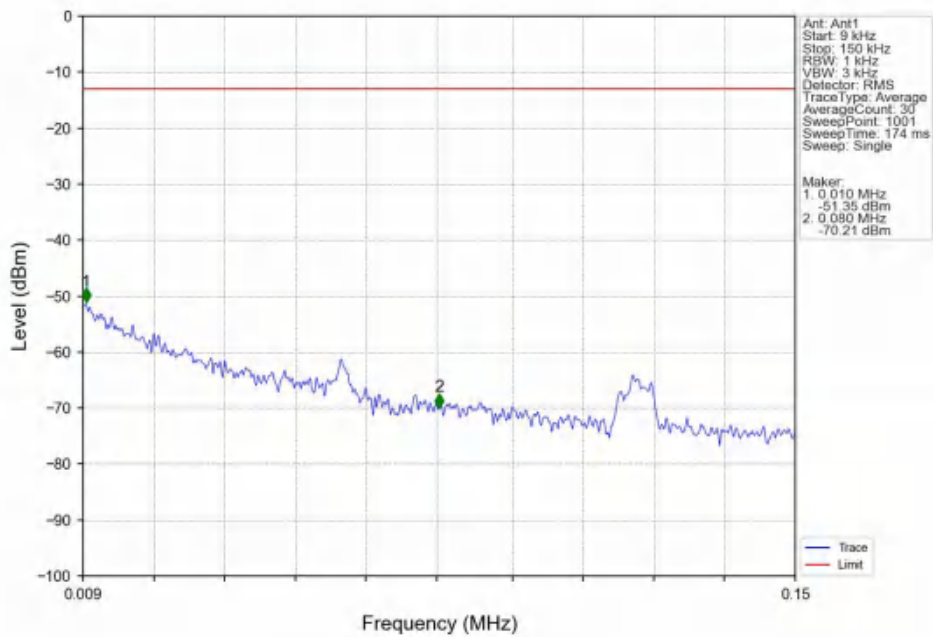
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.035	-35.19	-13	Pass
1756	1758	1	CHP	2	1756.500	-37.02	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

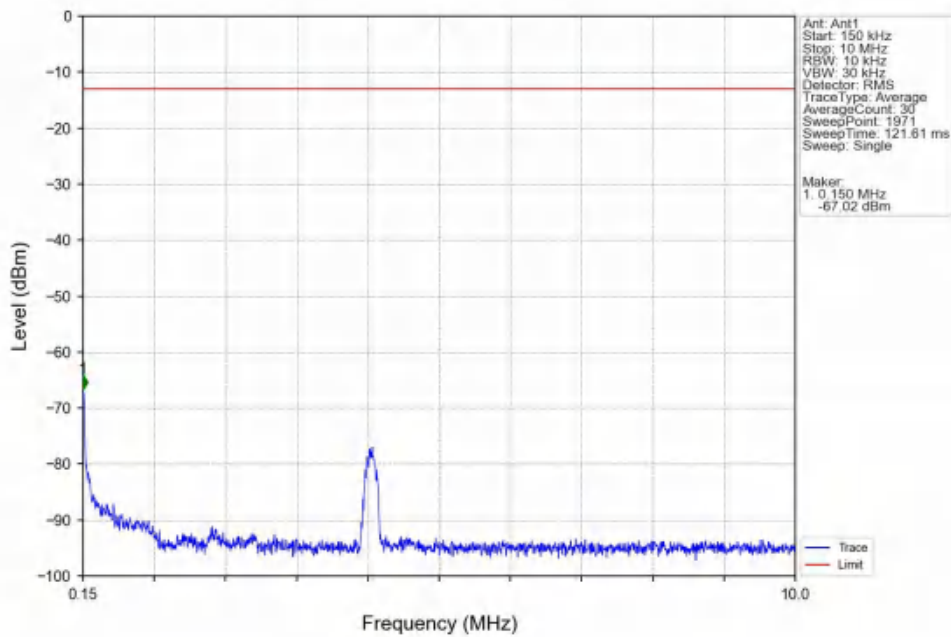


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-40.78	-13	Pass
1709	1710	0.003	/	2	1709.414	-46.80	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

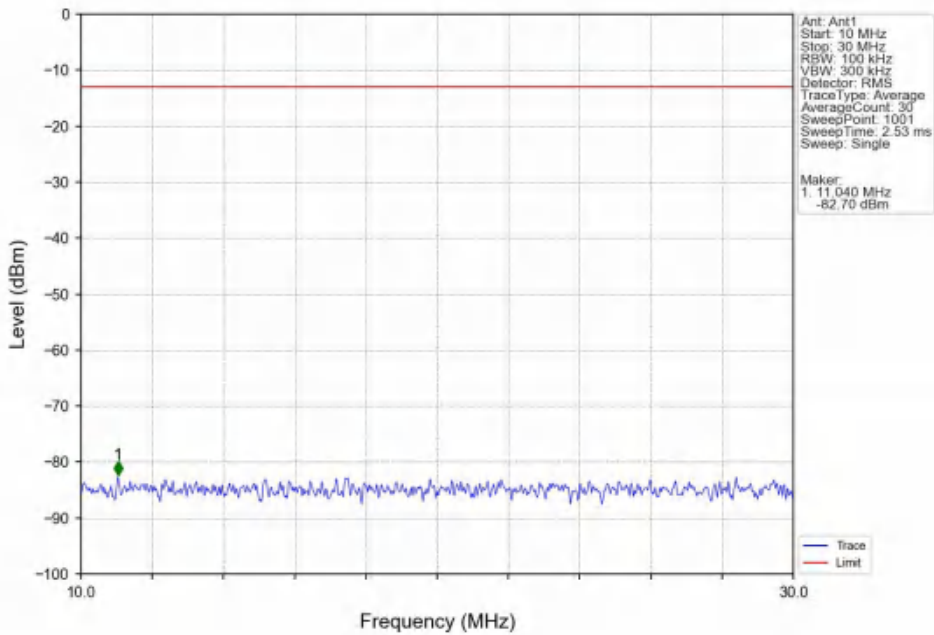
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



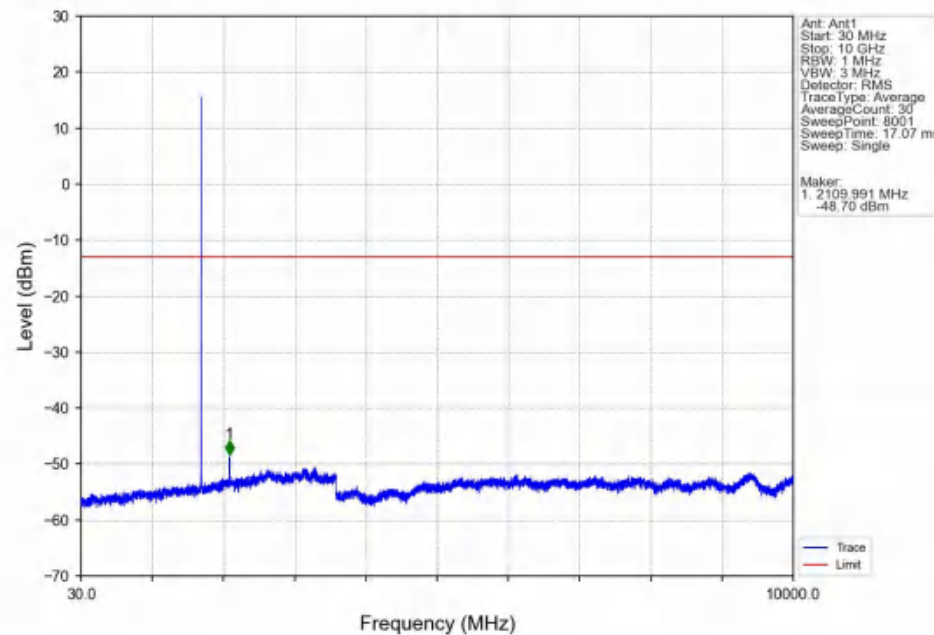
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



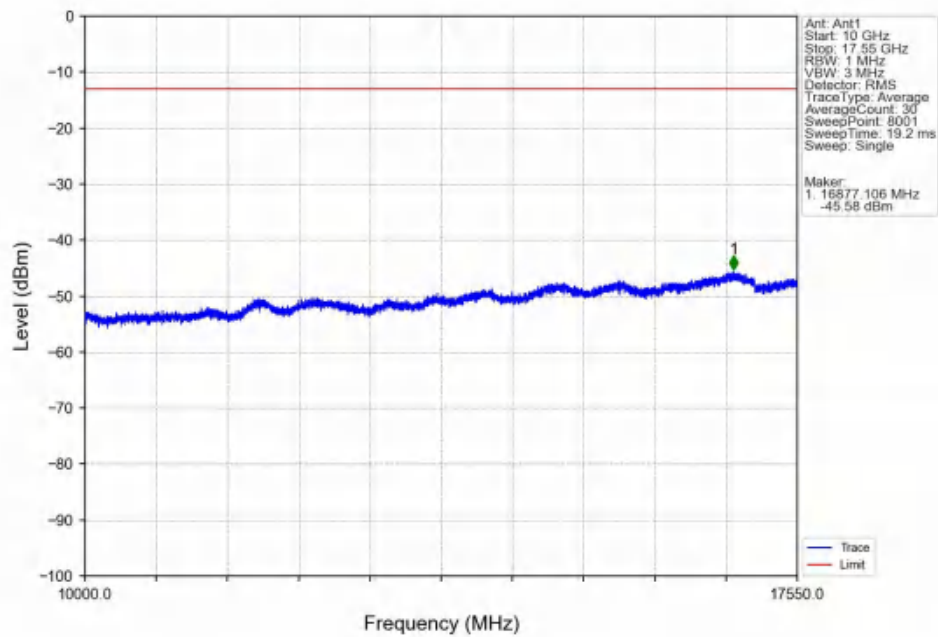
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



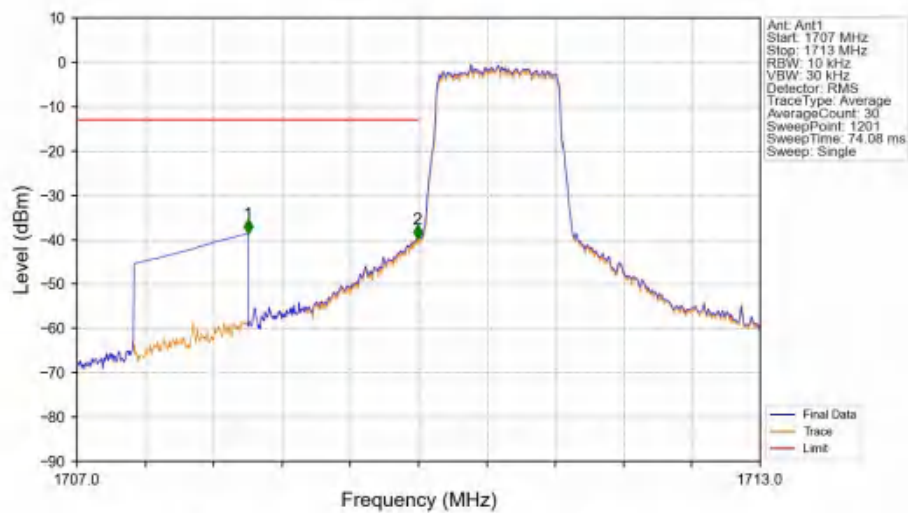
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

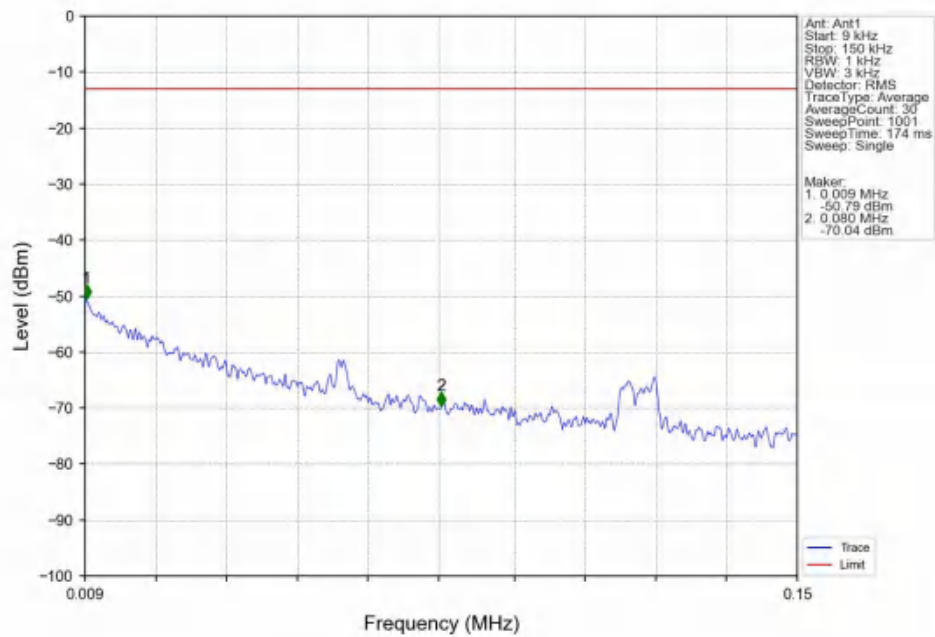


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

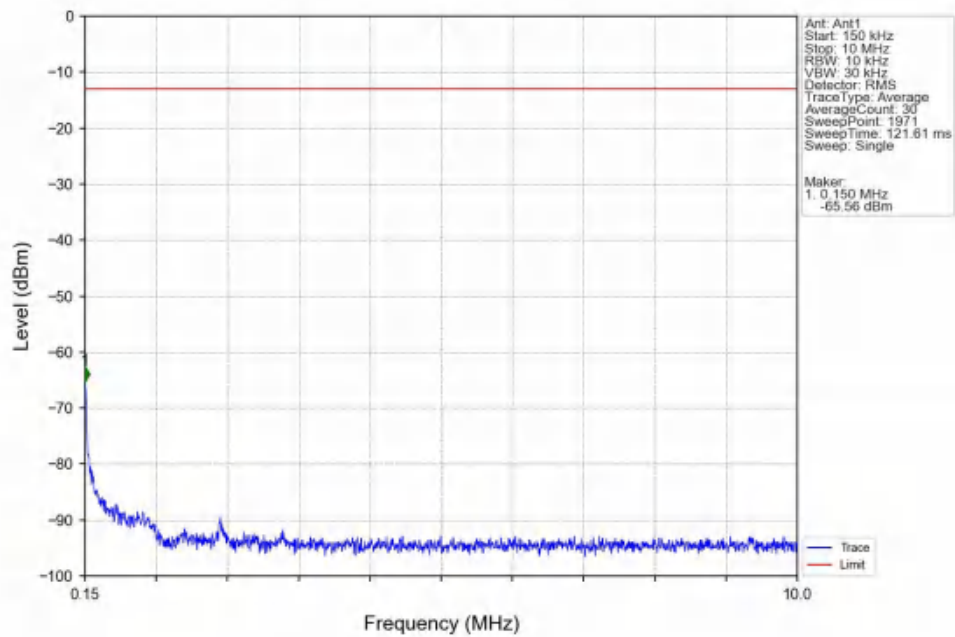


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-38.62	-13	Pass
1709	1710	0.013	CHP	2	1709.990	-39.77	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

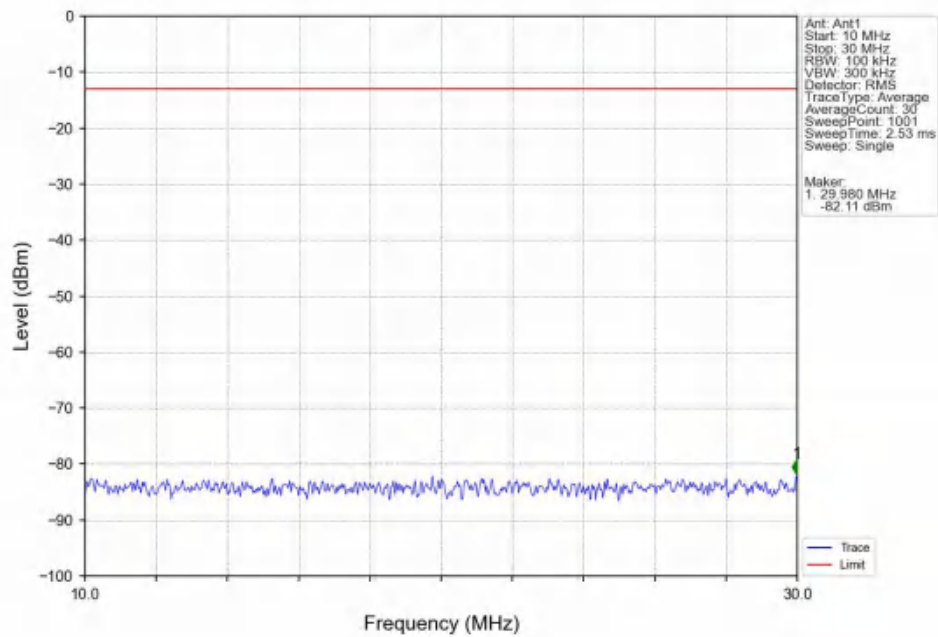
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



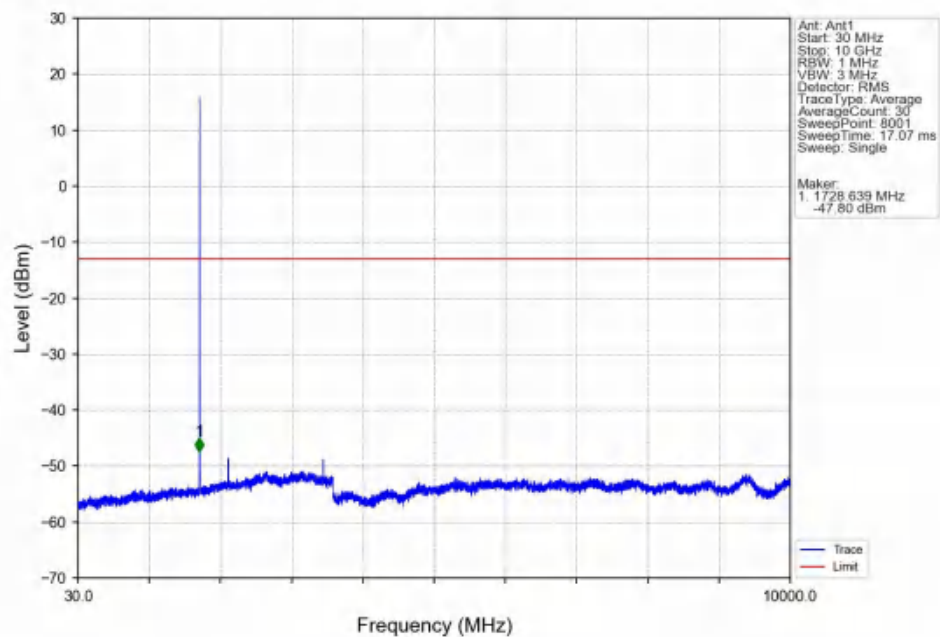
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



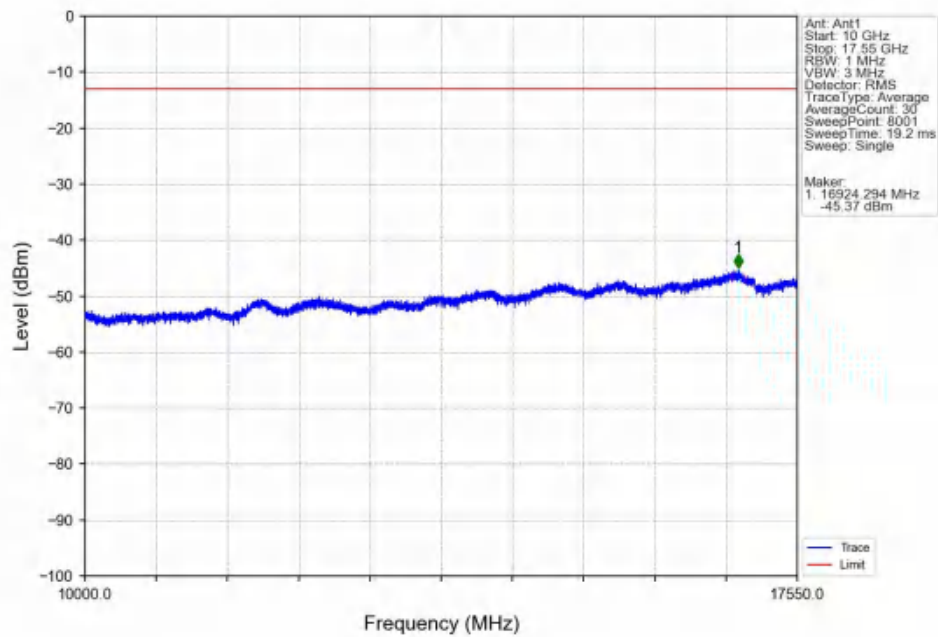
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



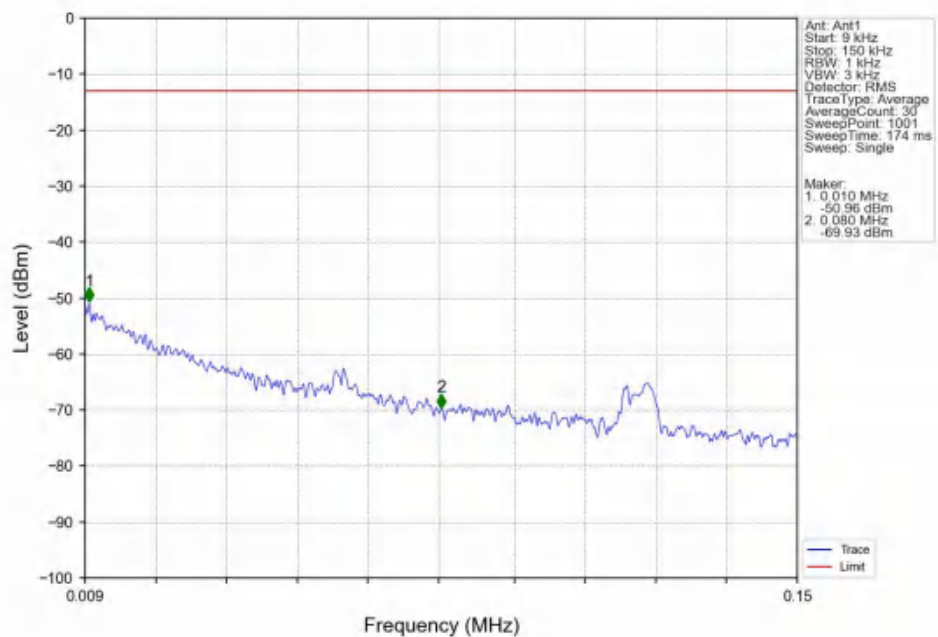
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



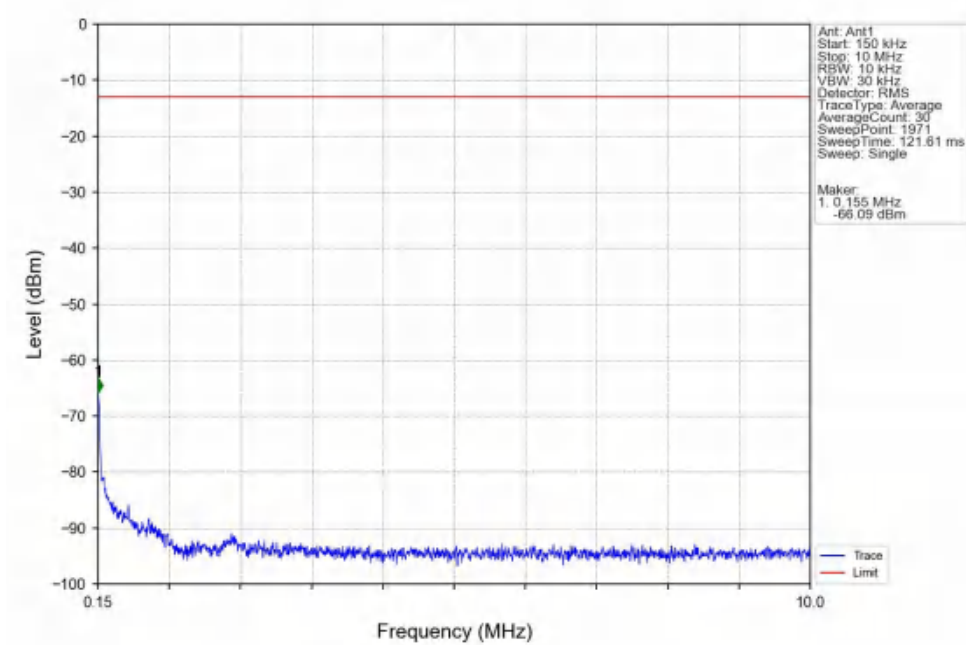
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



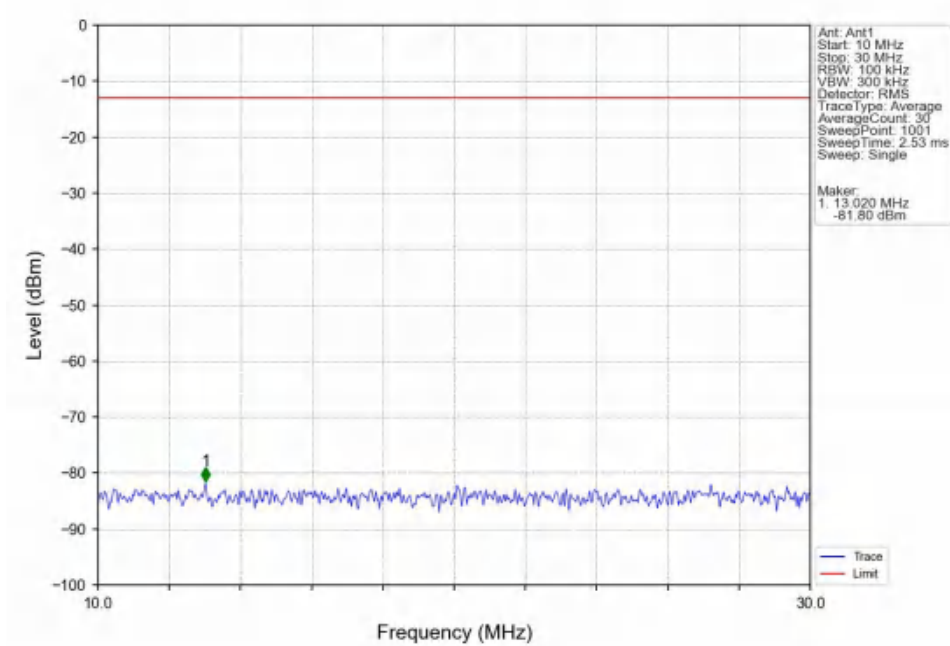
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



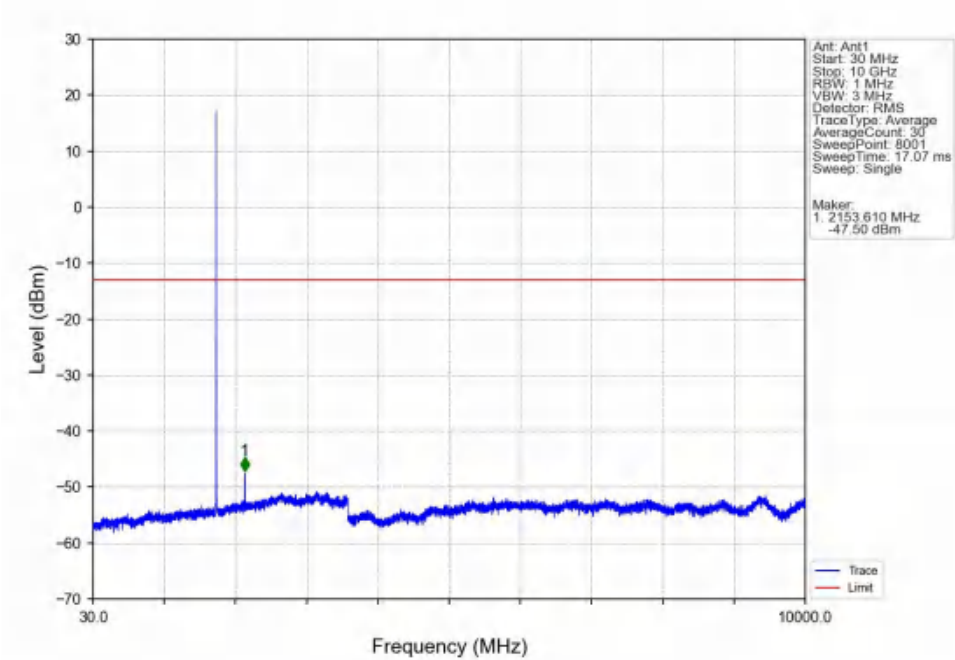
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



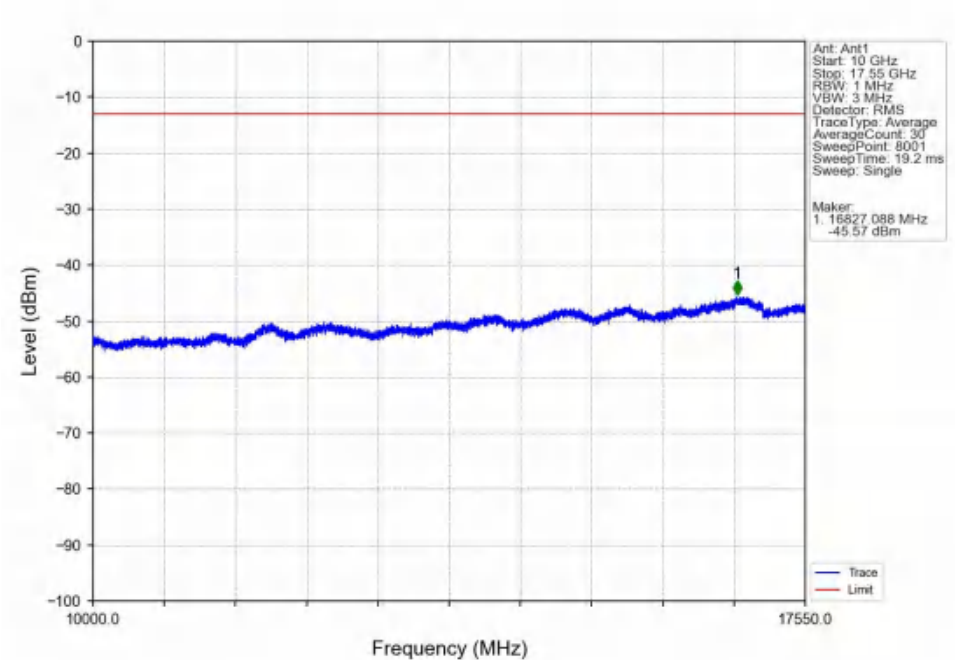
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



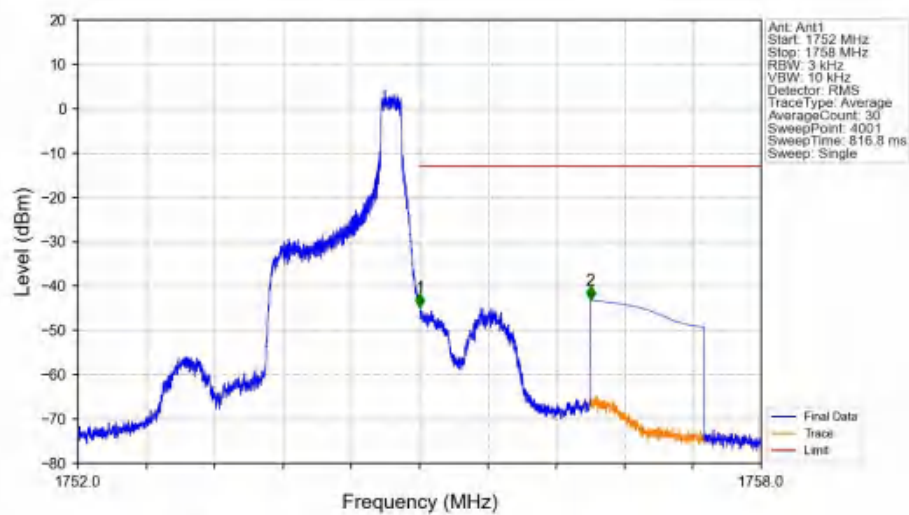
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

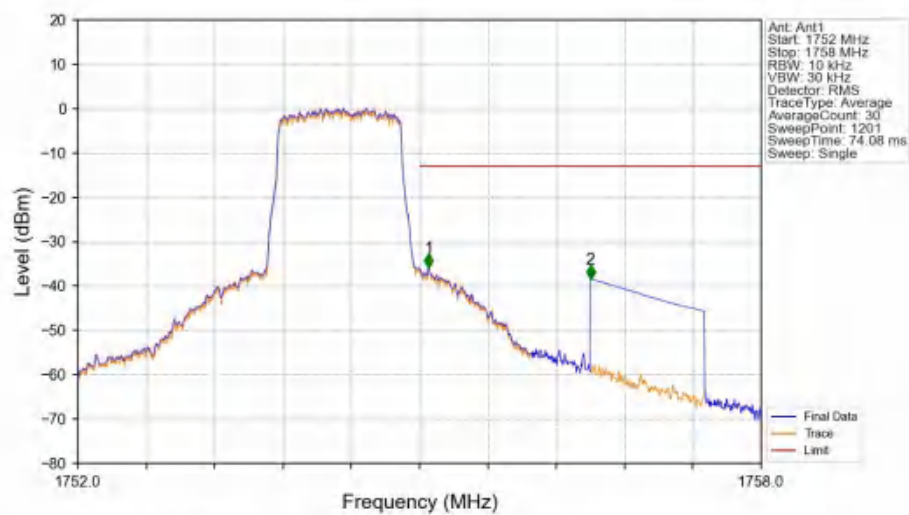


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



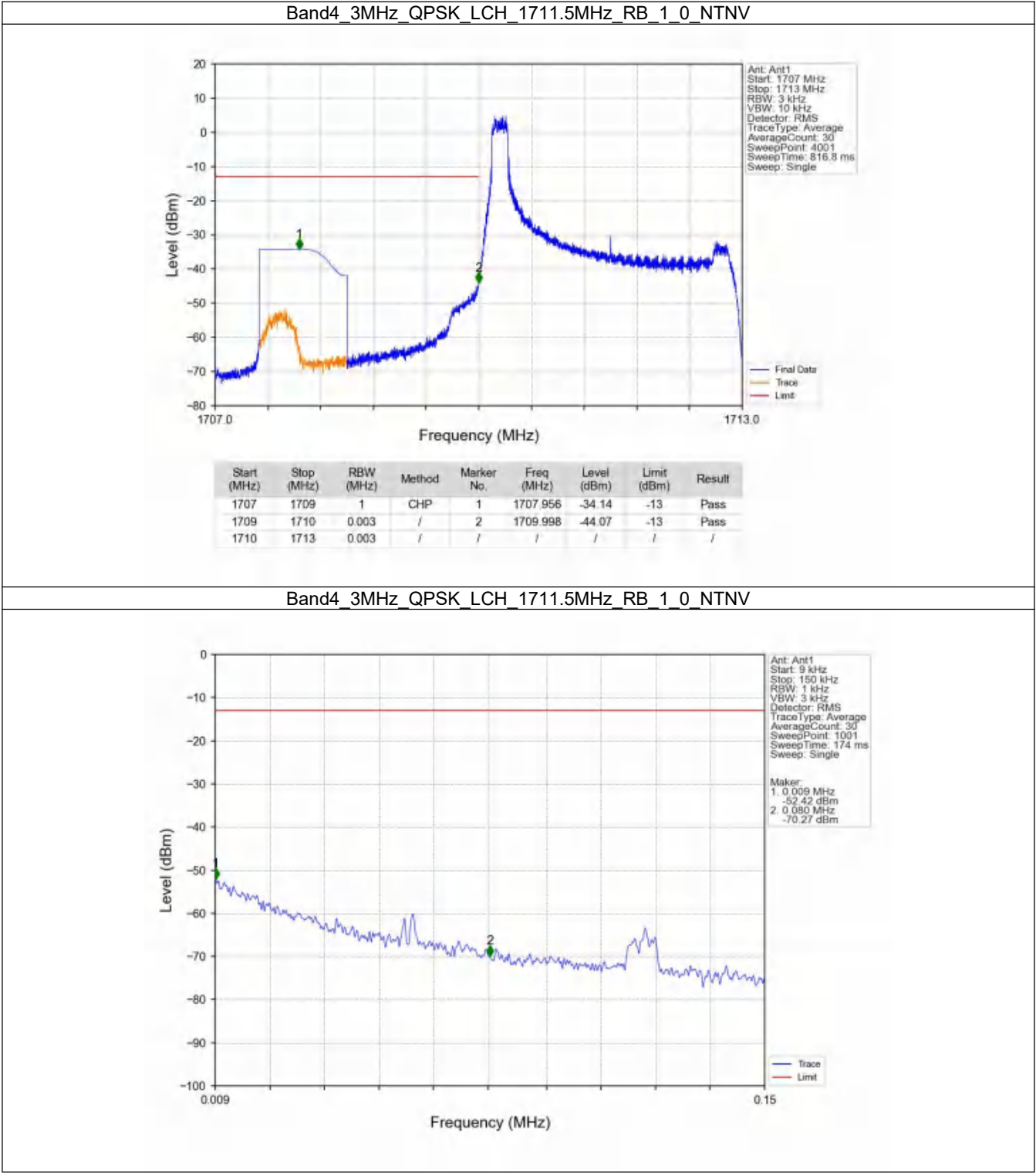
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-44.72	-13	Pass
1756	1758	1	CHP	2	1756.500	-43.10	-13	Pass

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

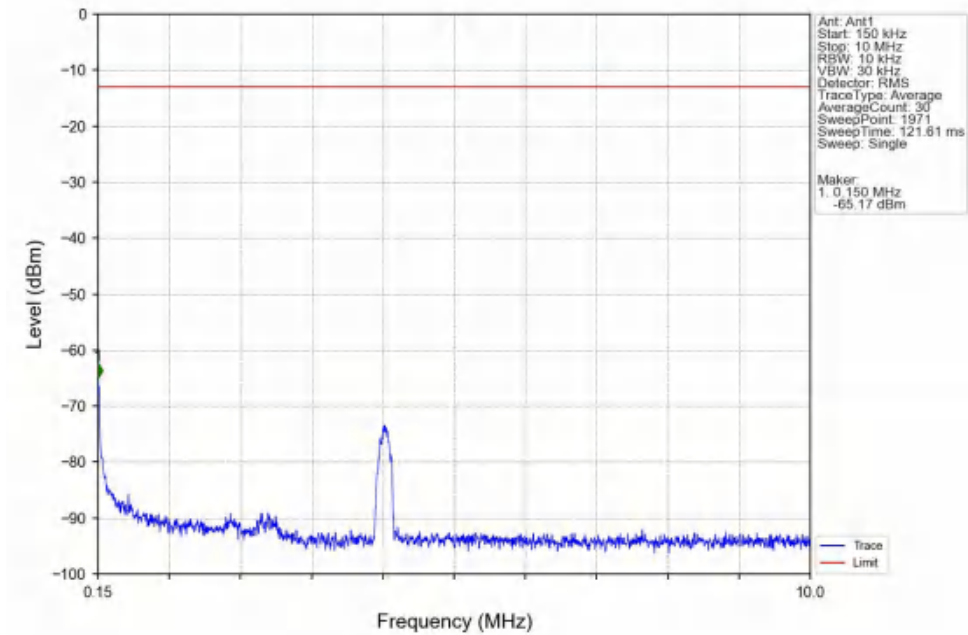


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.080	-35.93	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.40	-13	Pass

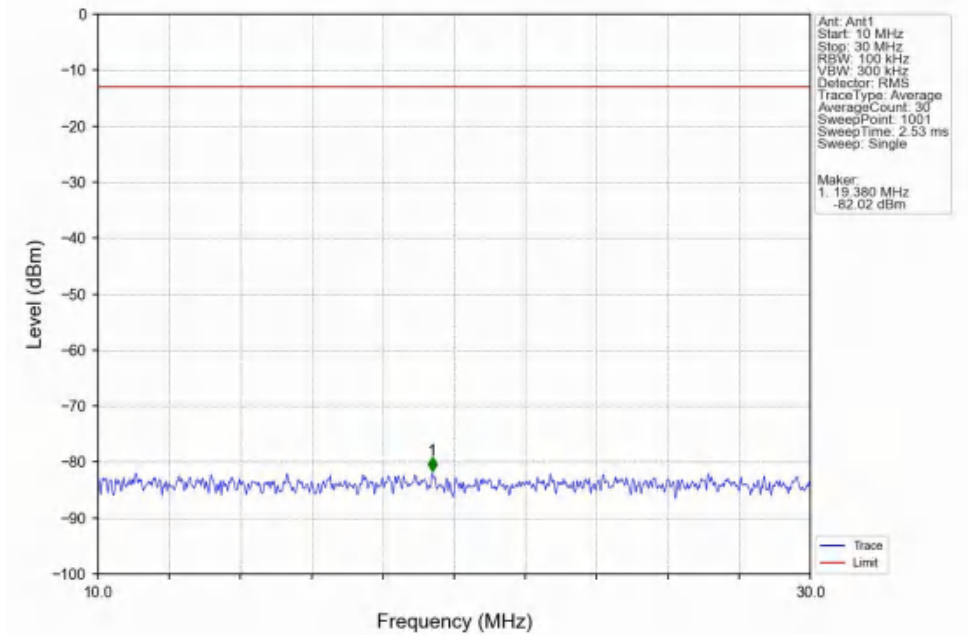
6.2.2 B4_3MHz



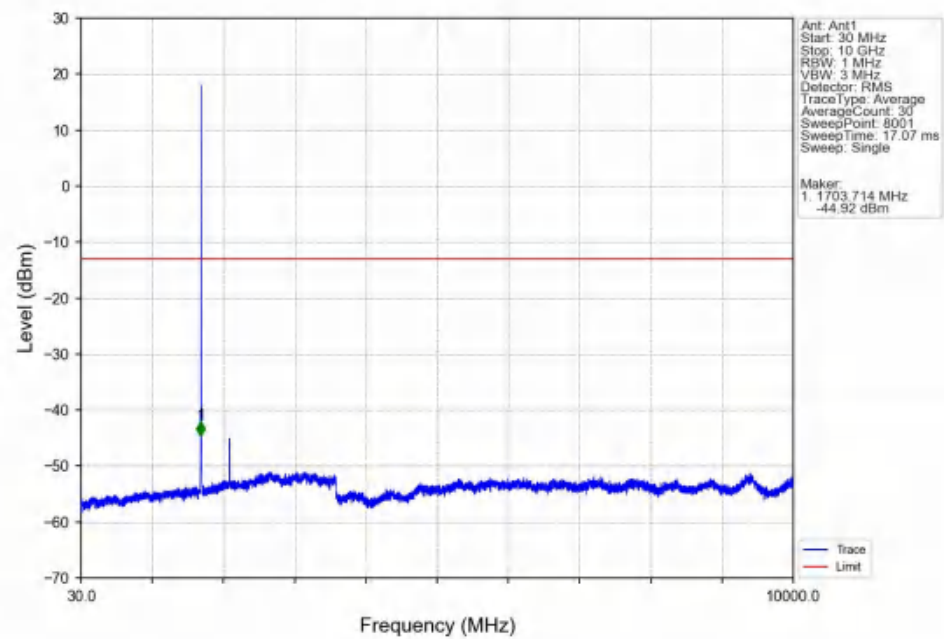
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



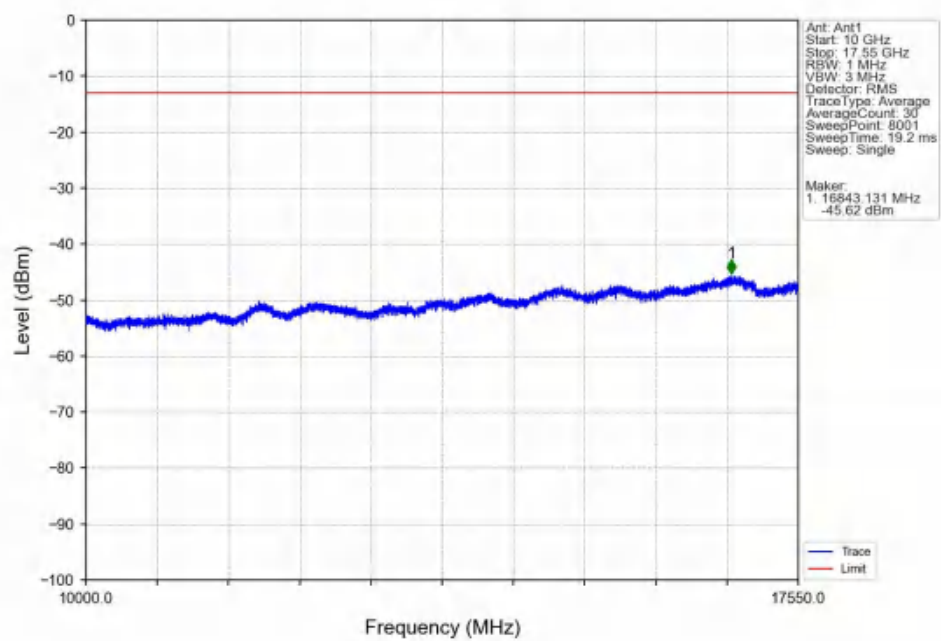
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



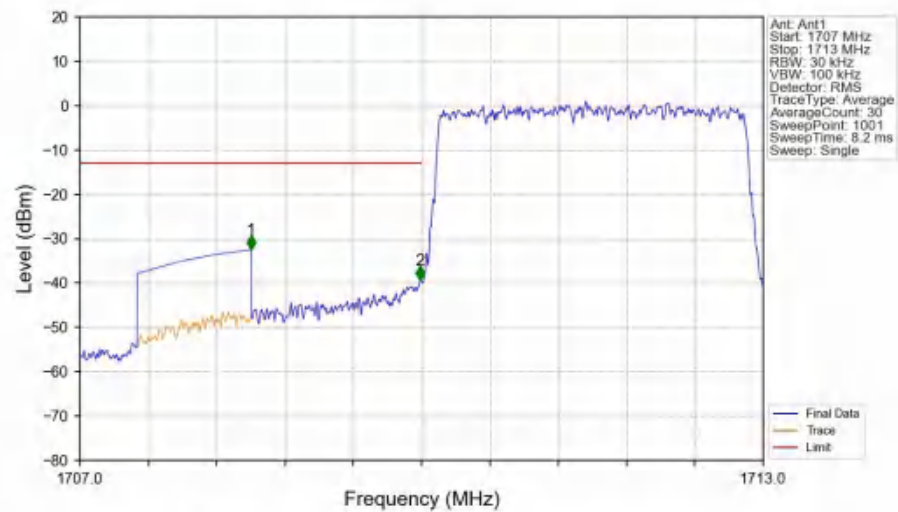
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

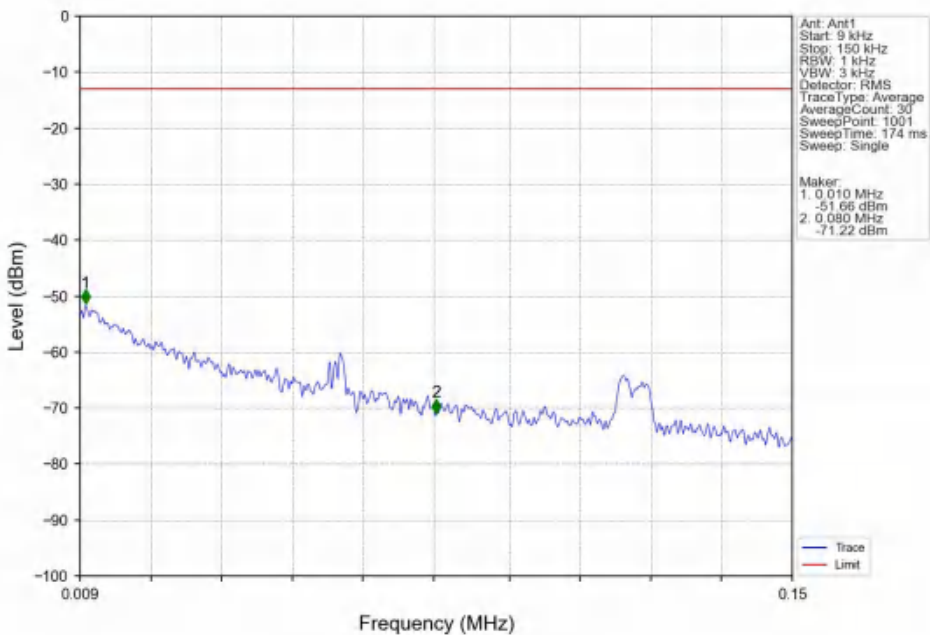


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

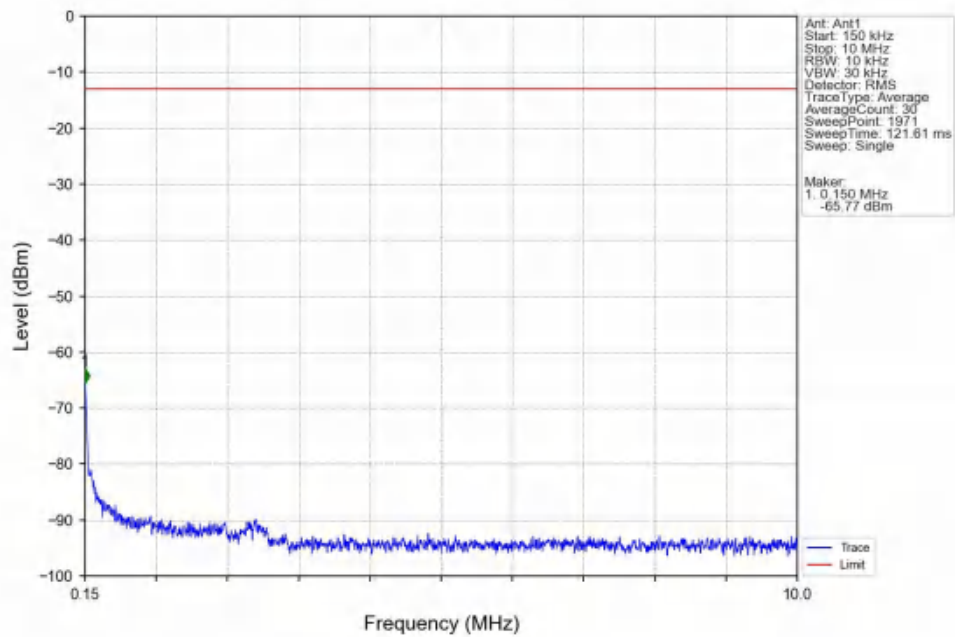


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.48	-13	Pass
1709	1710	0.03	/	2	1709.988	-39.32	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

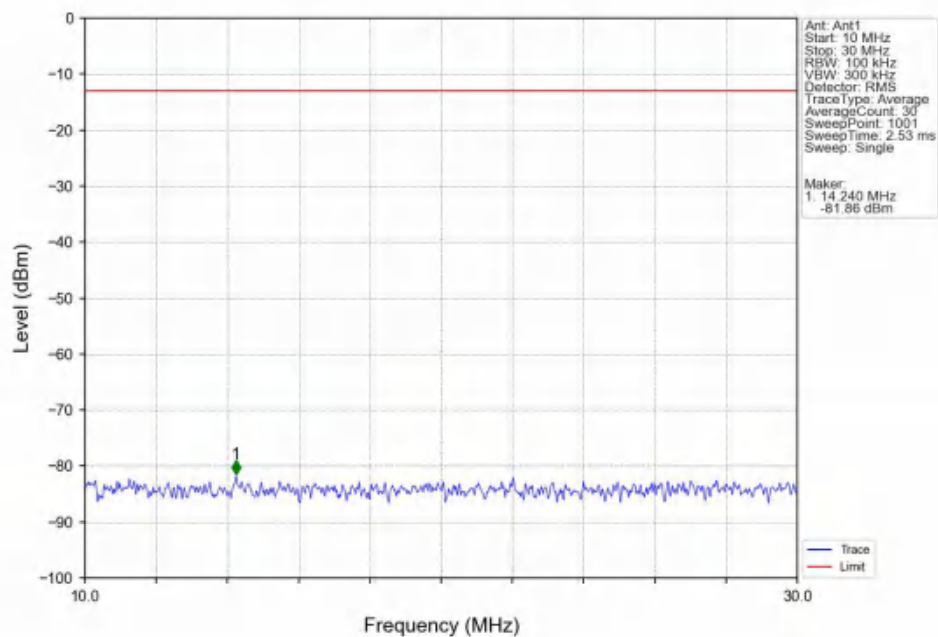
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



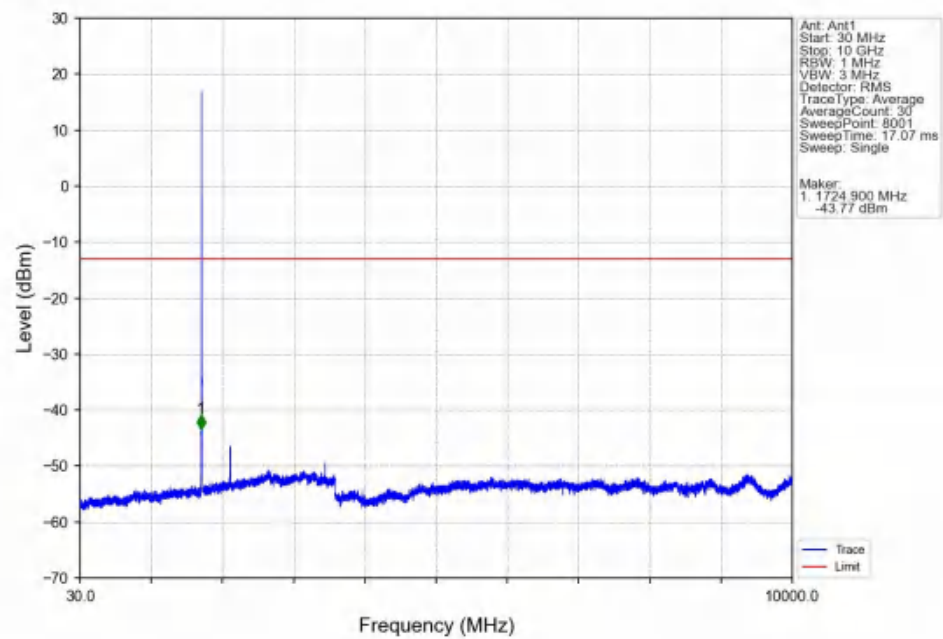
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



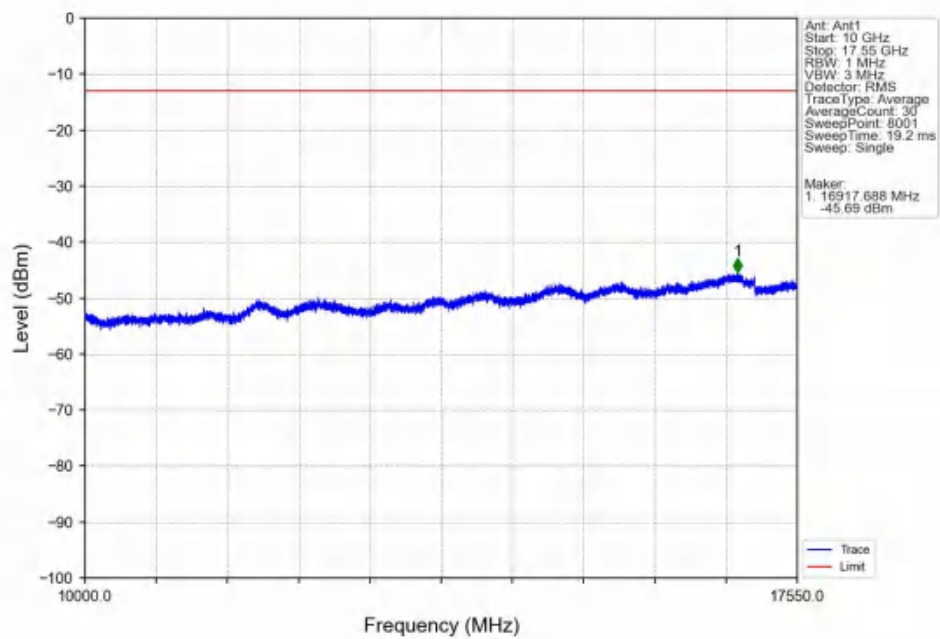
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



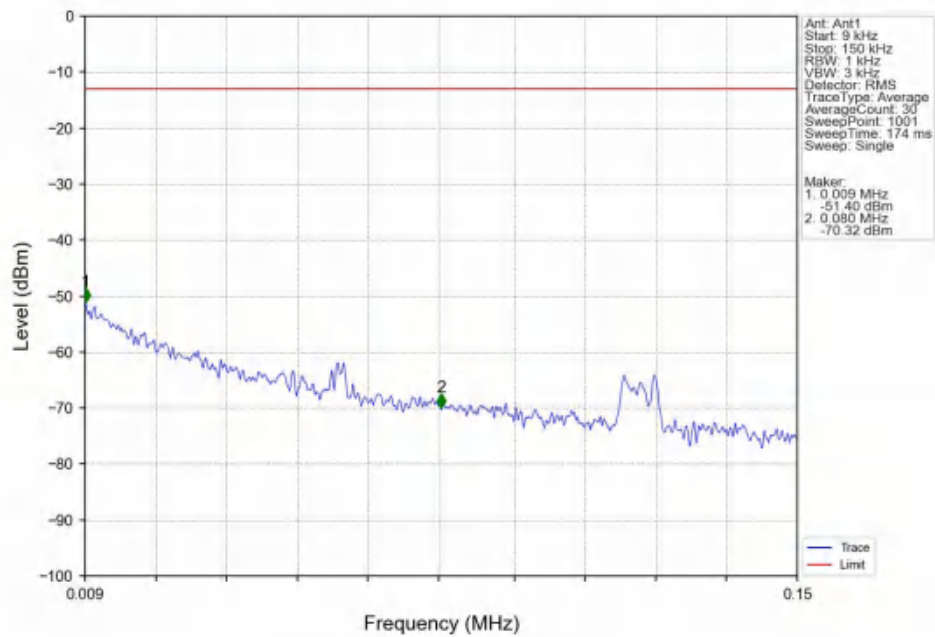
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



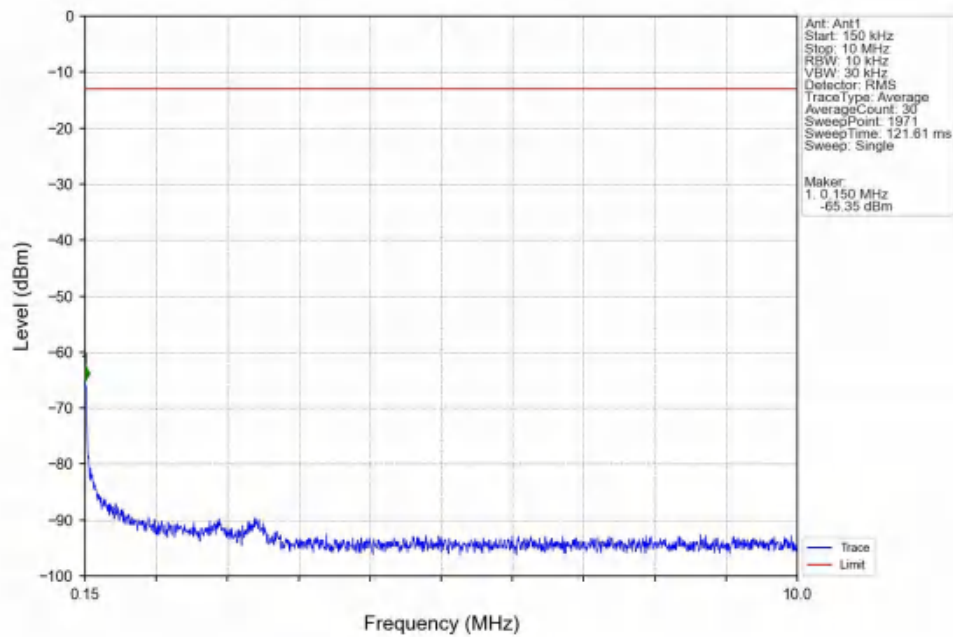
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



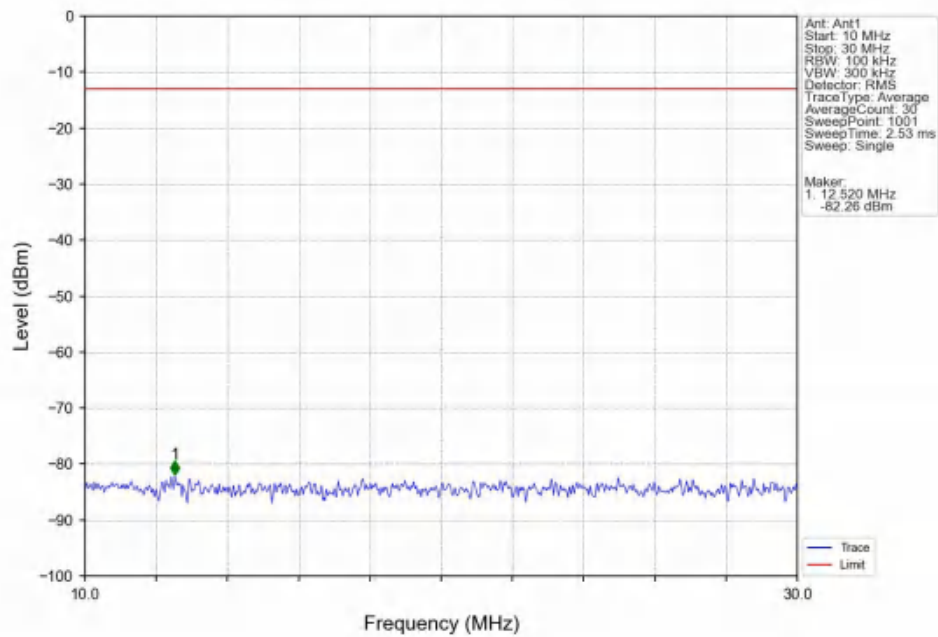
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



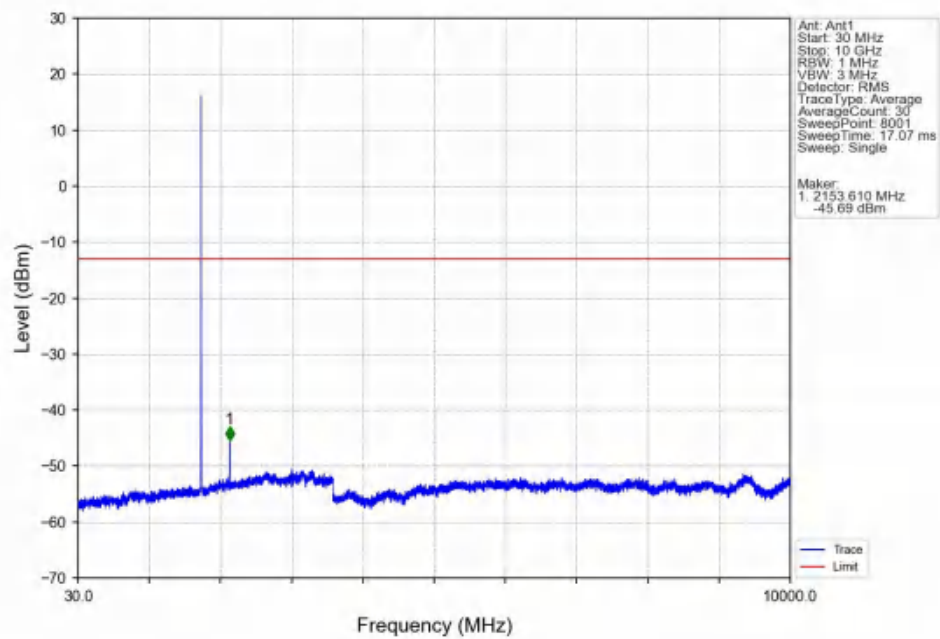
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



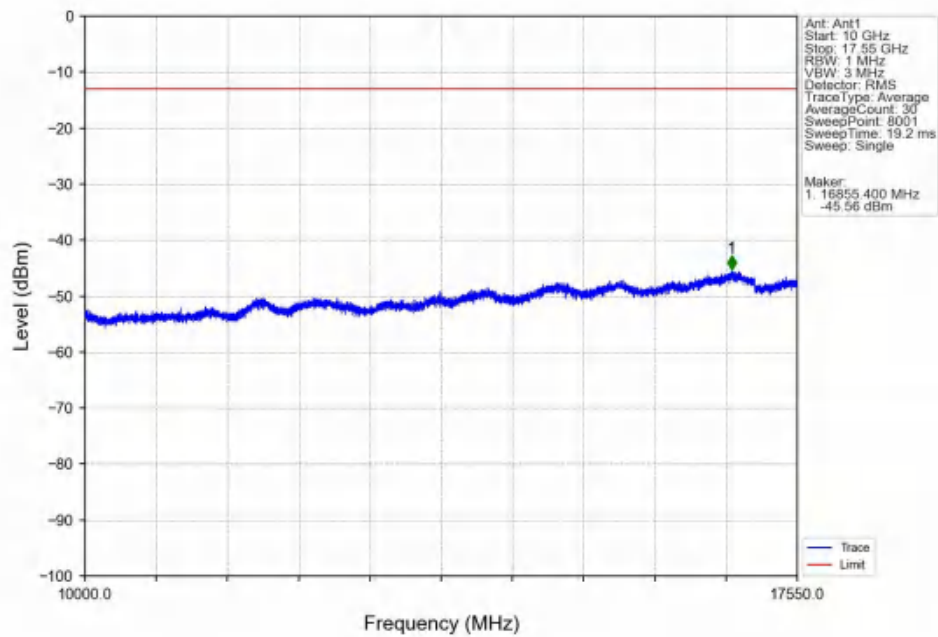
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



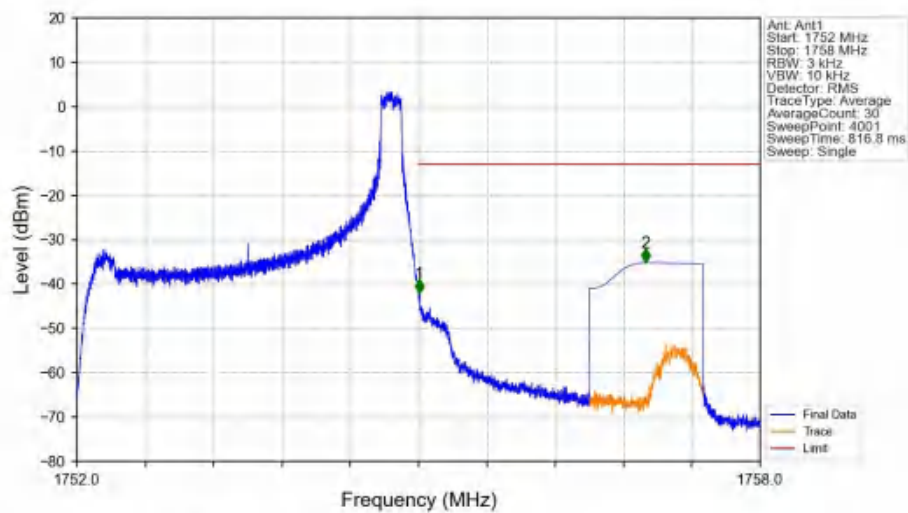
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

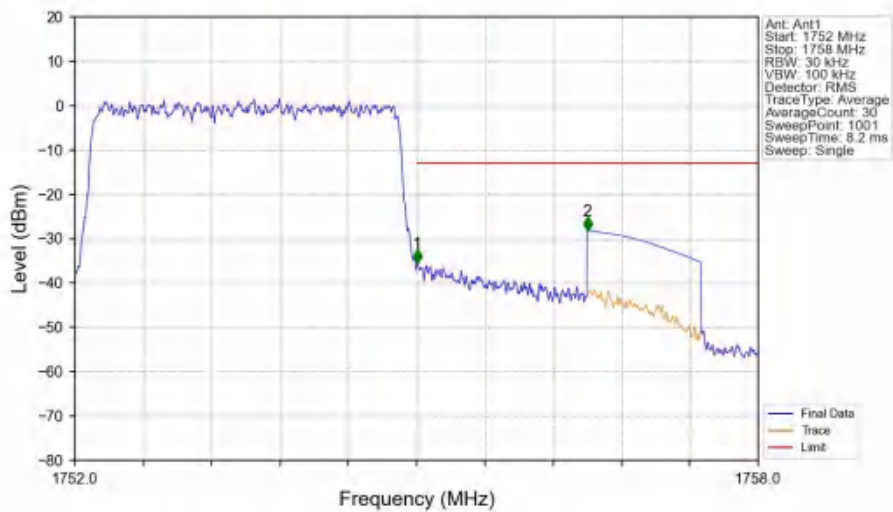


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



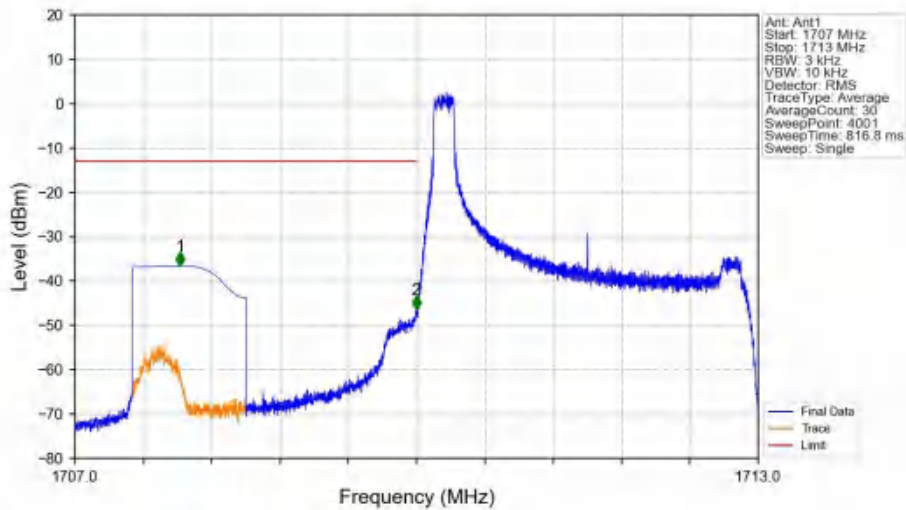
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-42.10	-13	Pass
1756	1758	1	CHP	2	1756.994	-35.22	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



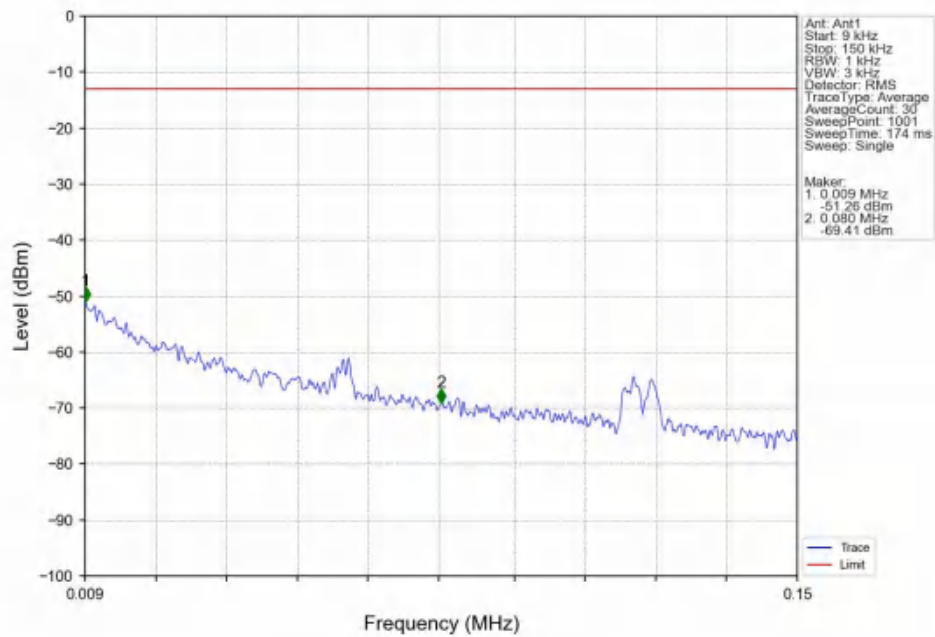
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-35.51	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.17	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

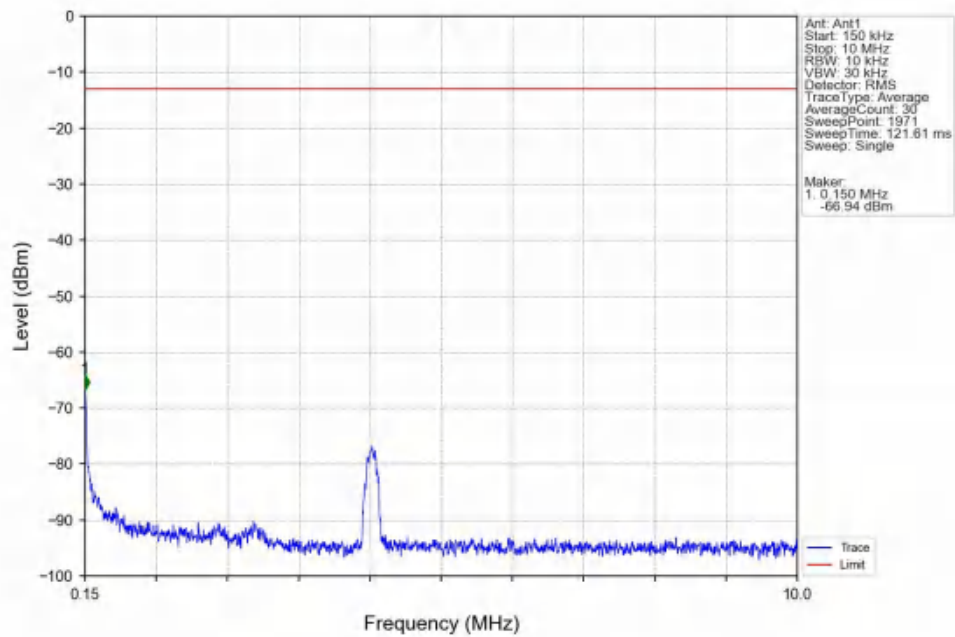


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.924	-36.68	-13	Pass
1709	1710	0.003	/	2	1709.997	-46.48	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

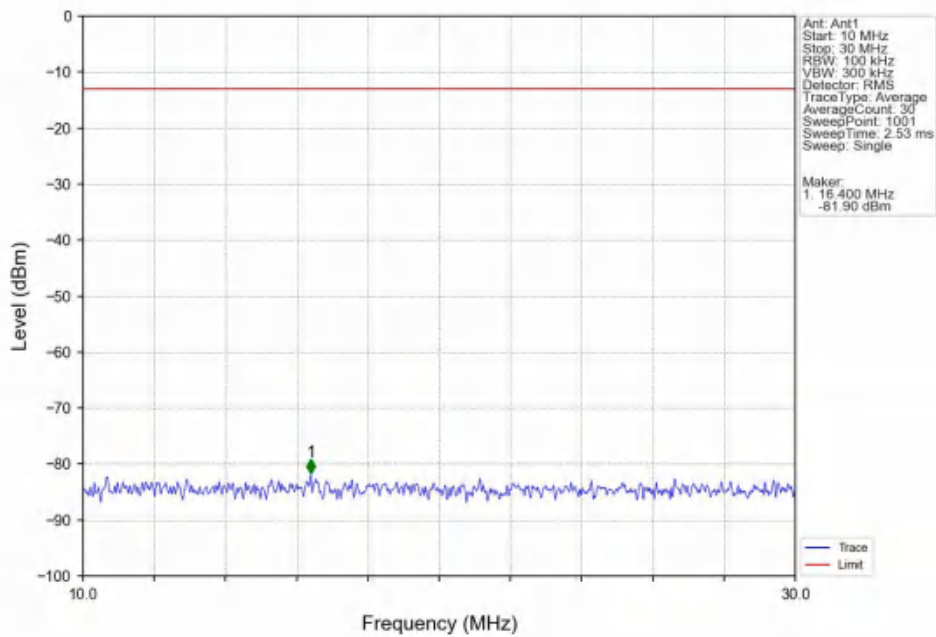
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



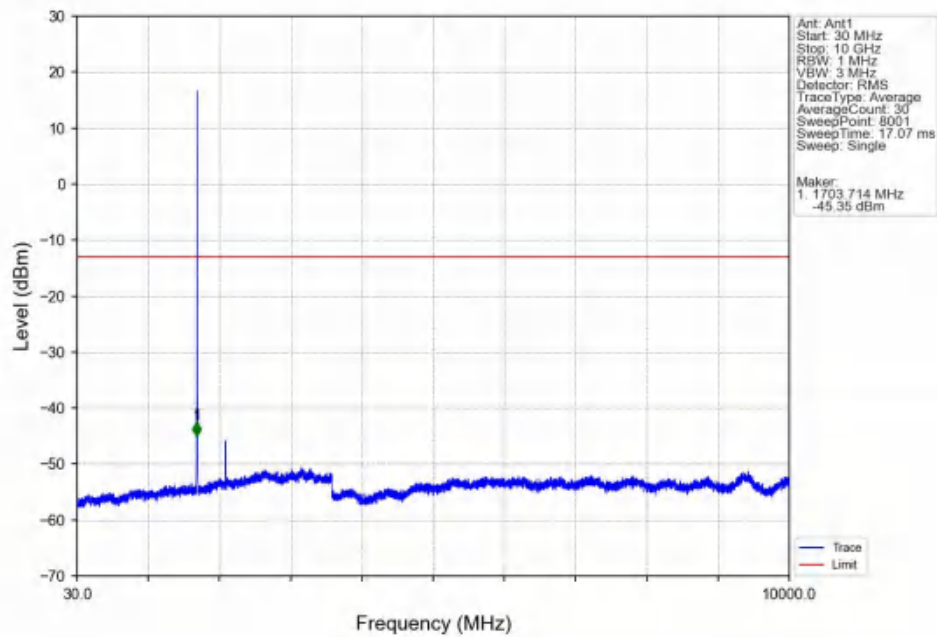
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



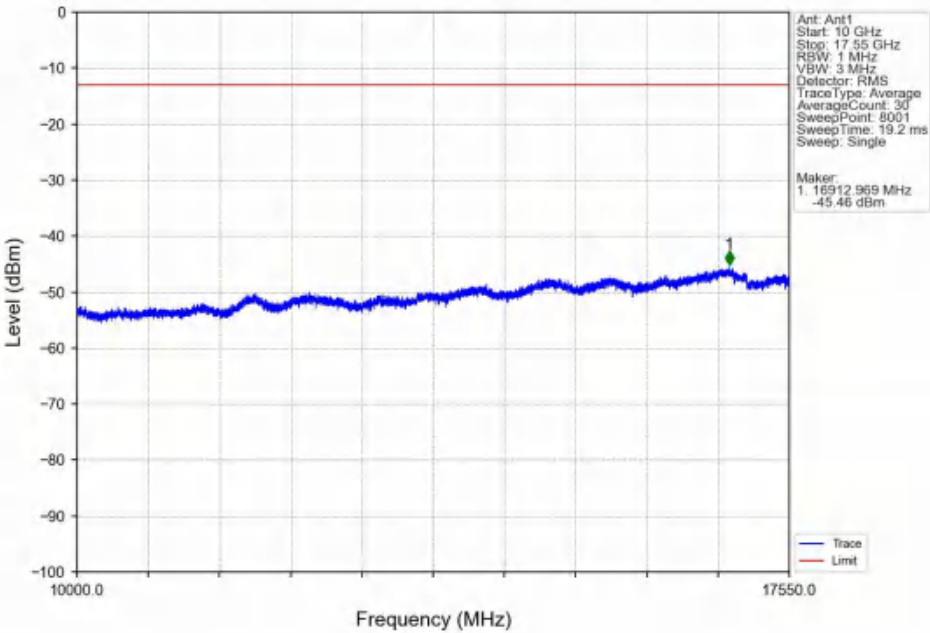
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



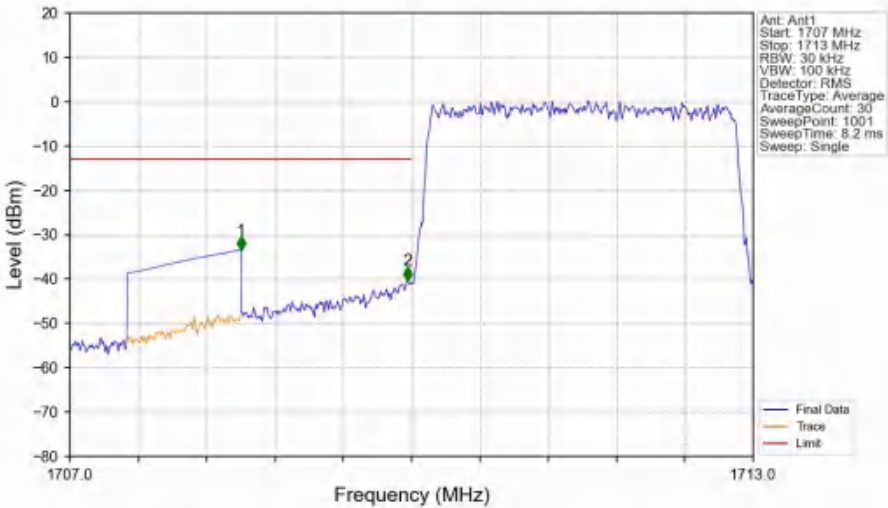
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

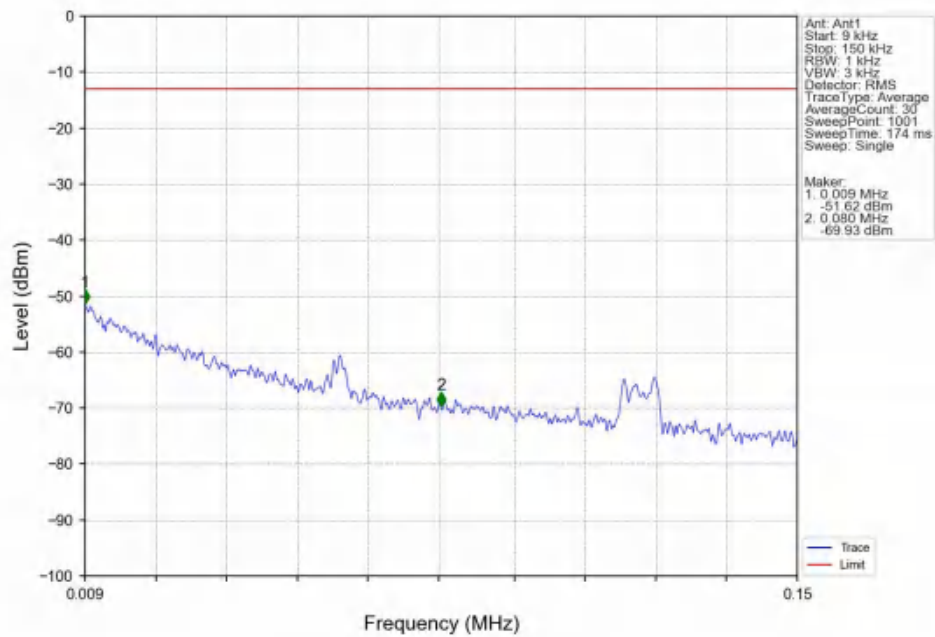


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

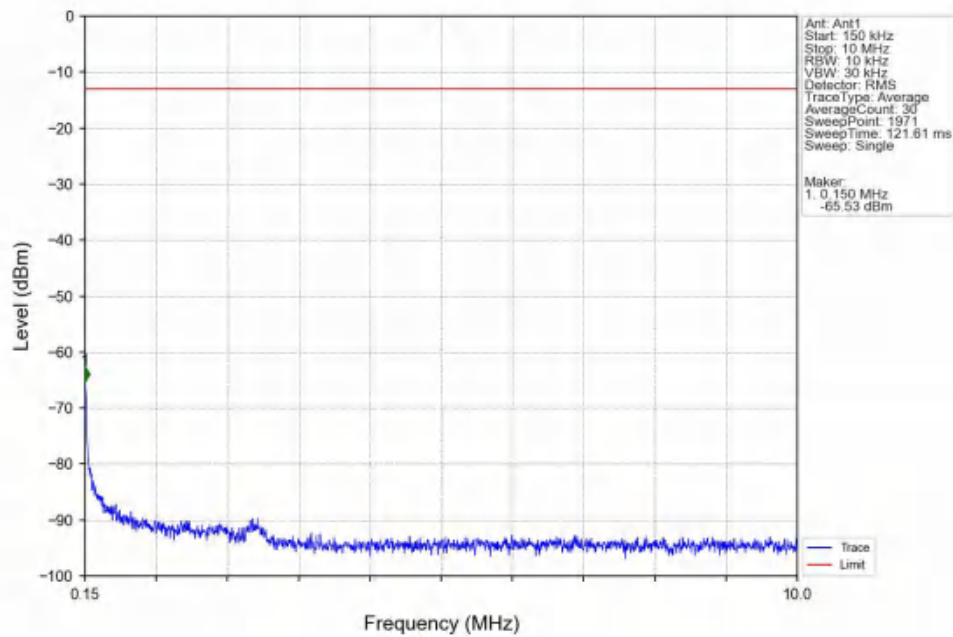


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.42	-13	Pass
1709	1710	0.03	/	2	1709.964	-40.33	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

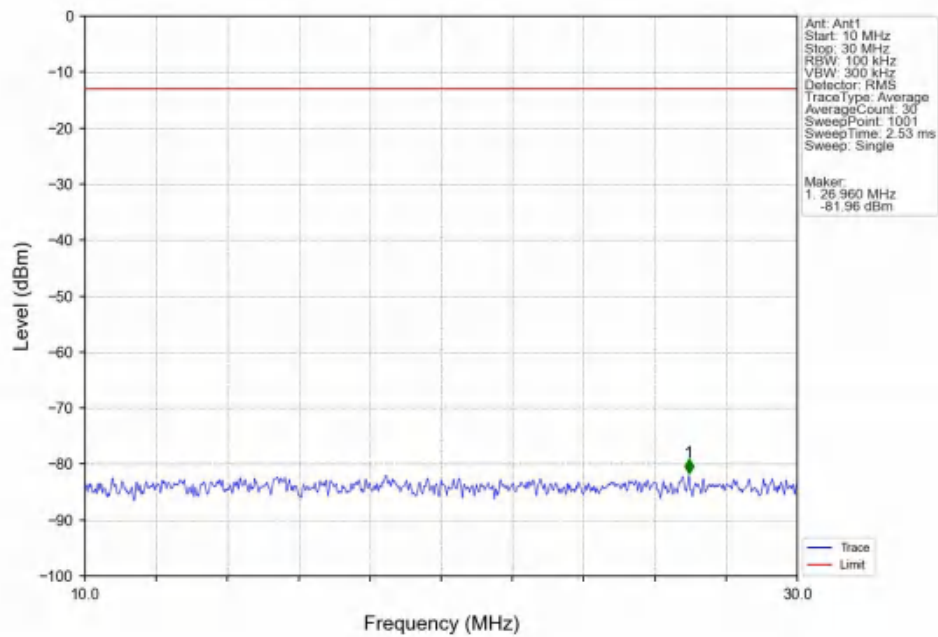
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



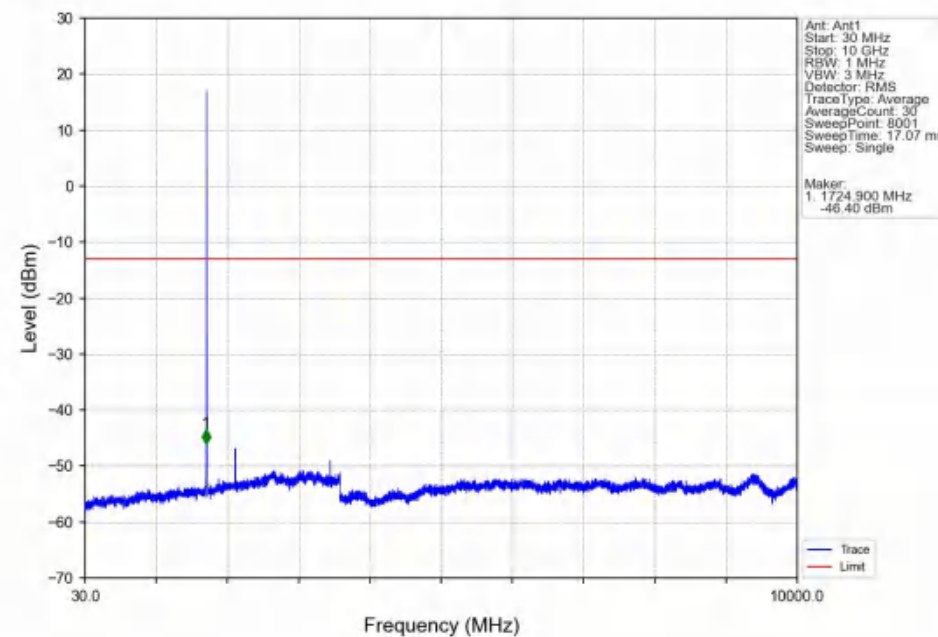
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



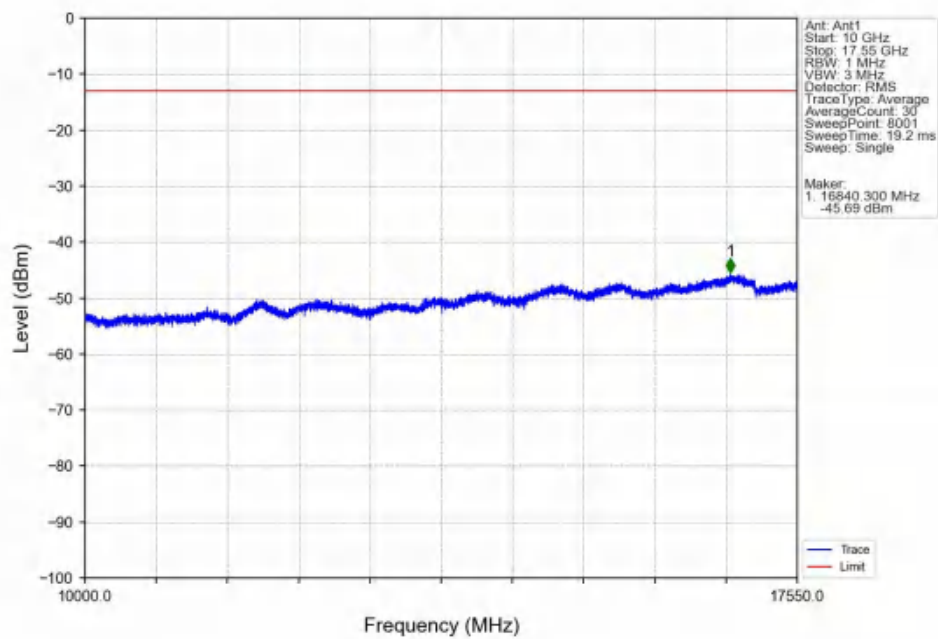
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



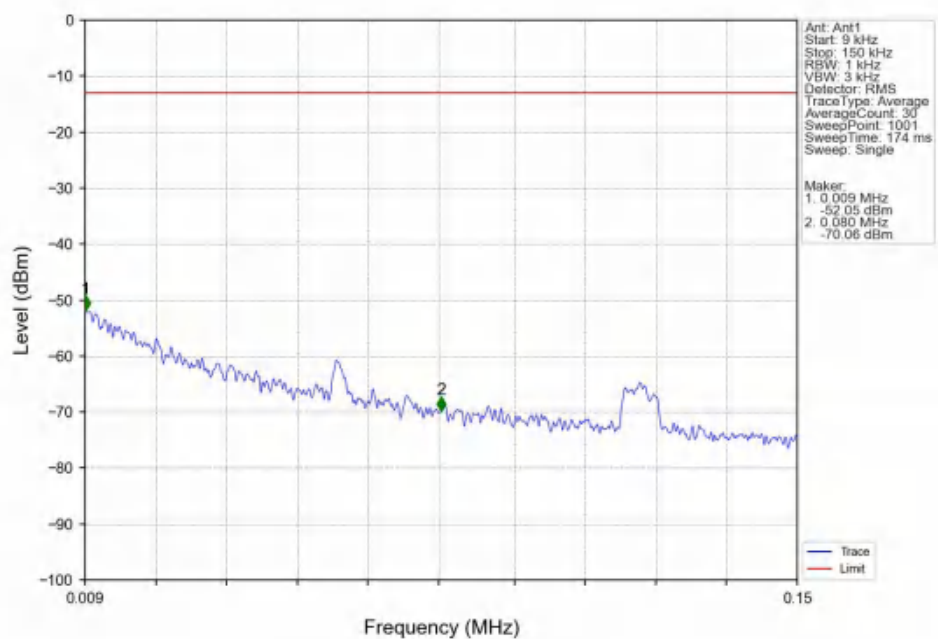
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



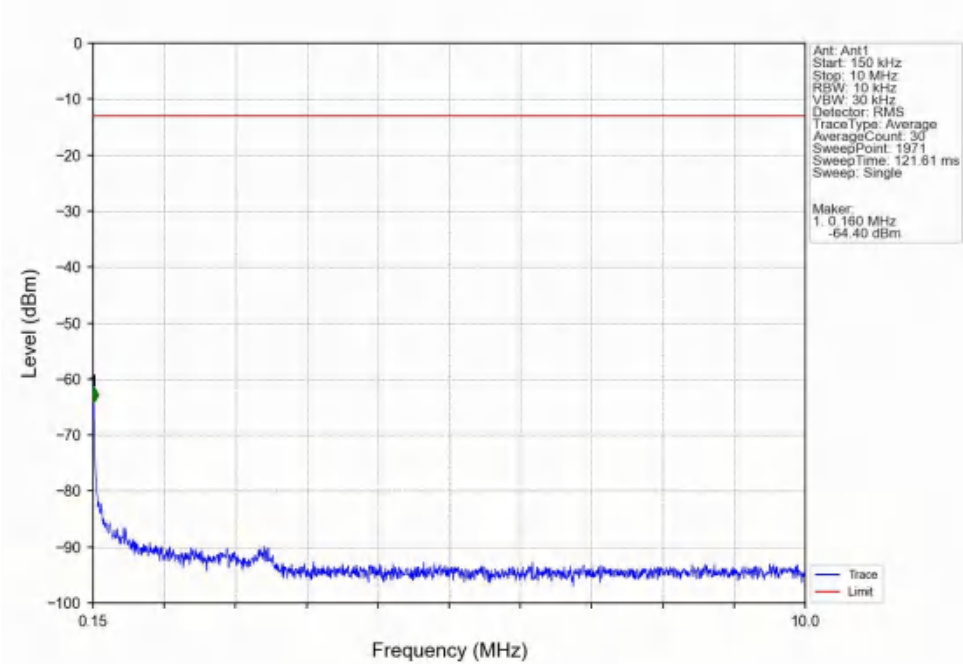
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



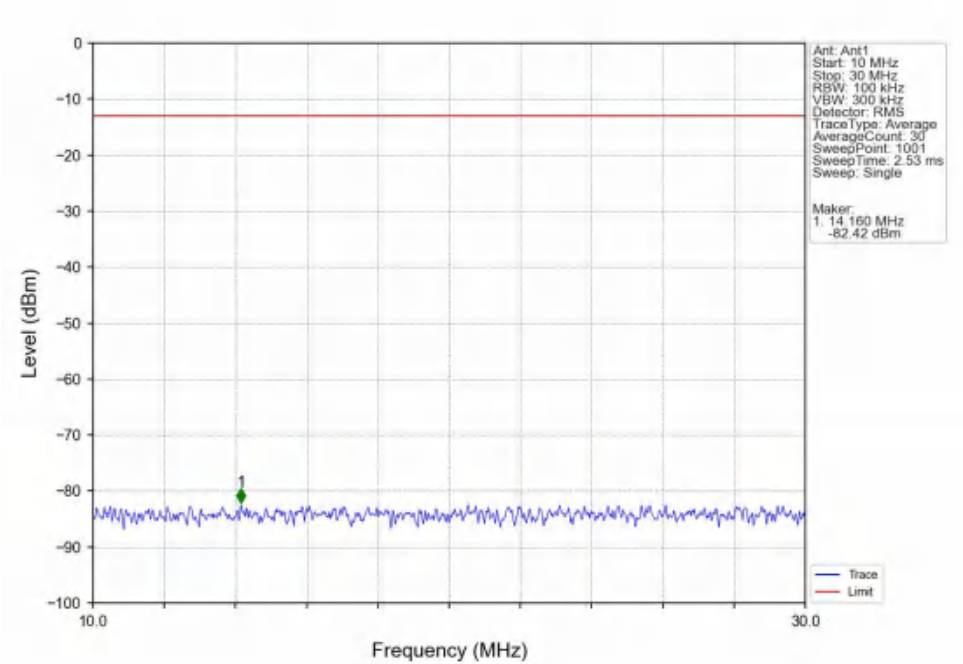
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



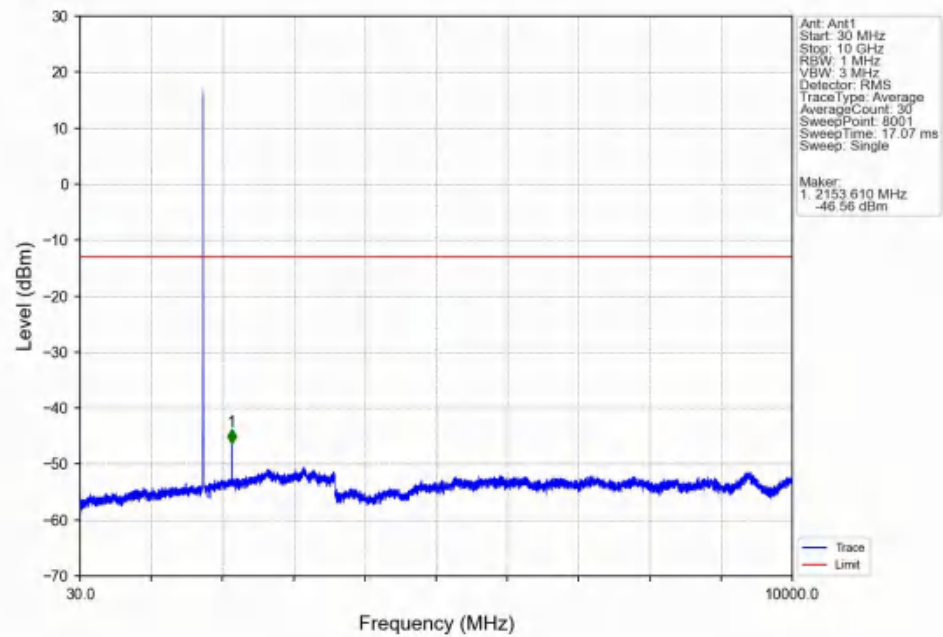
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



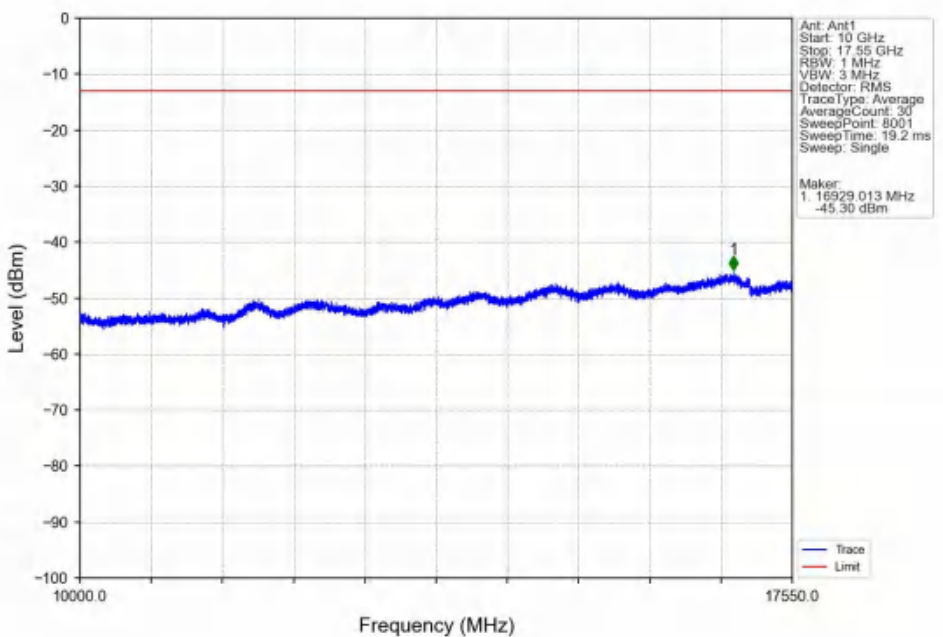
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



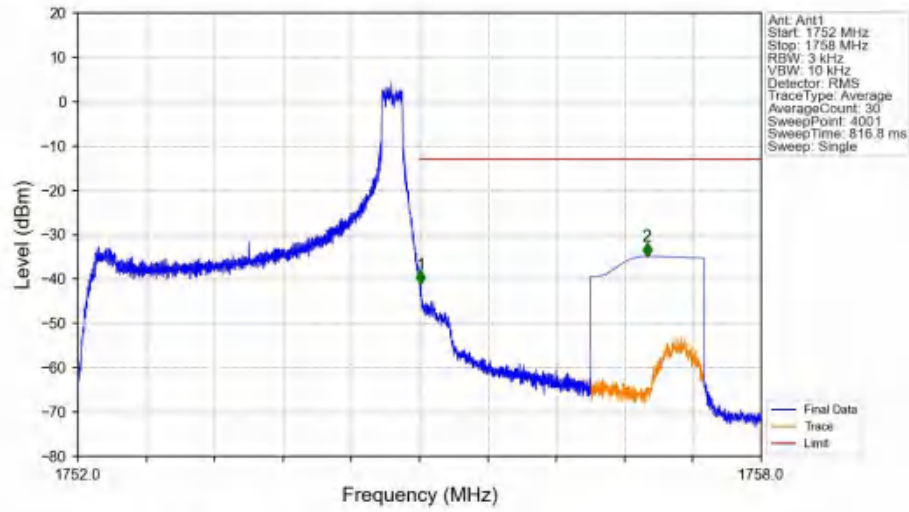
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



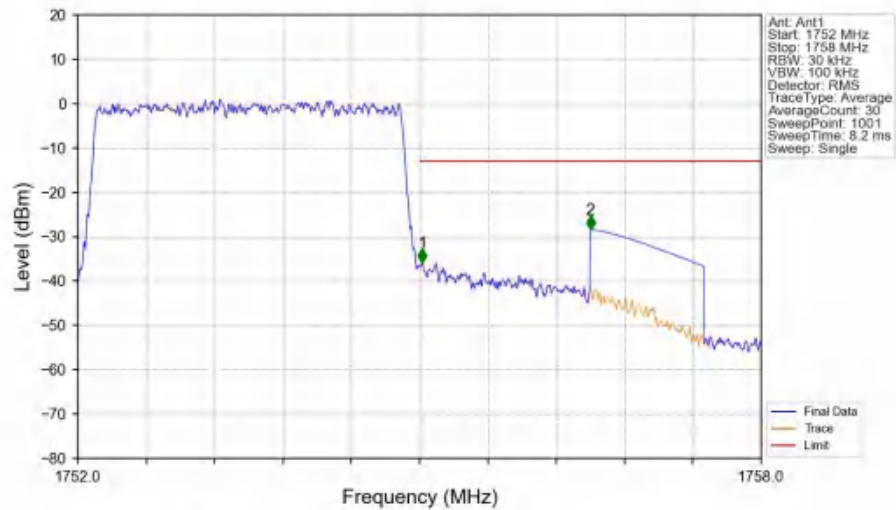
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



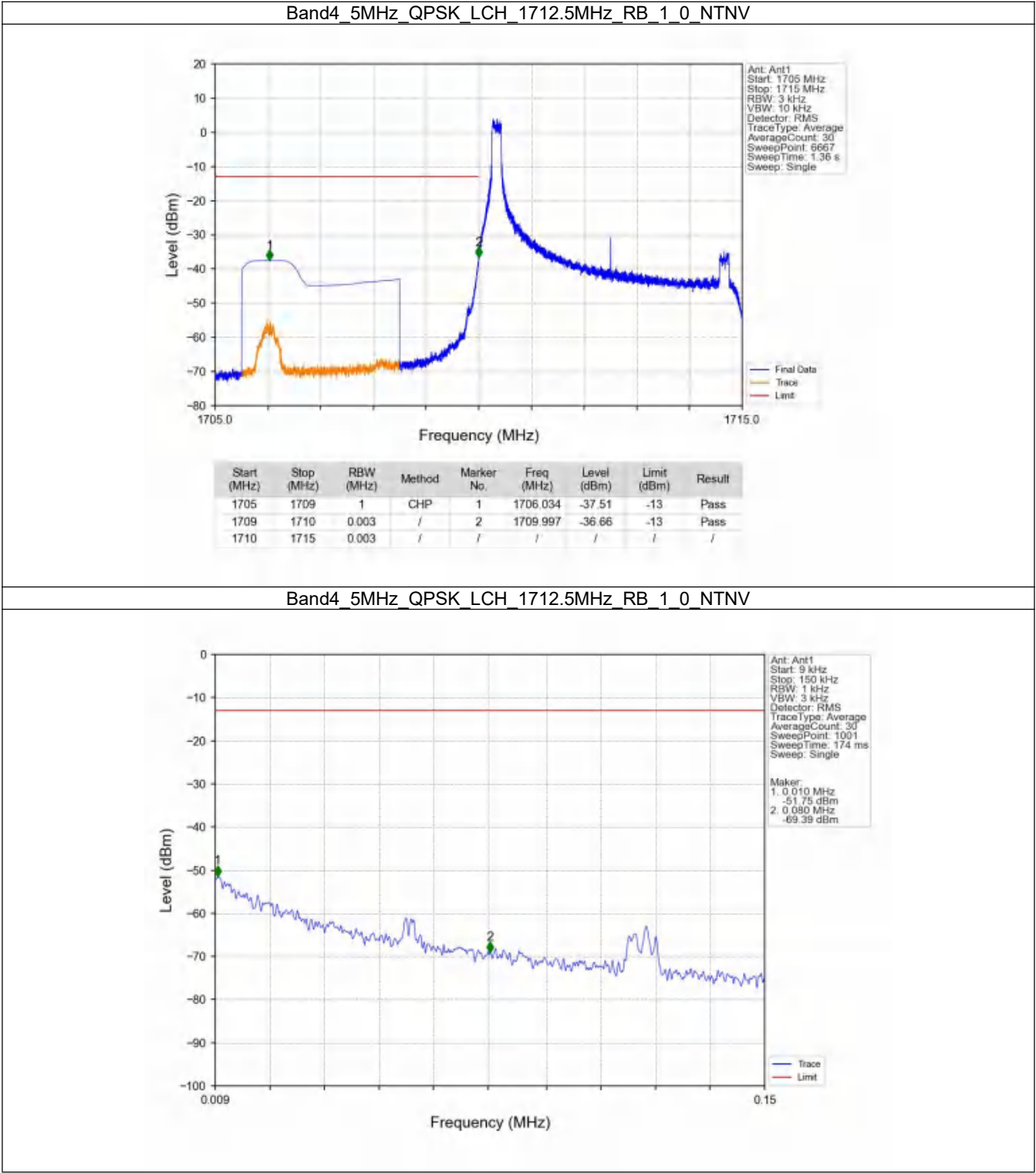
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



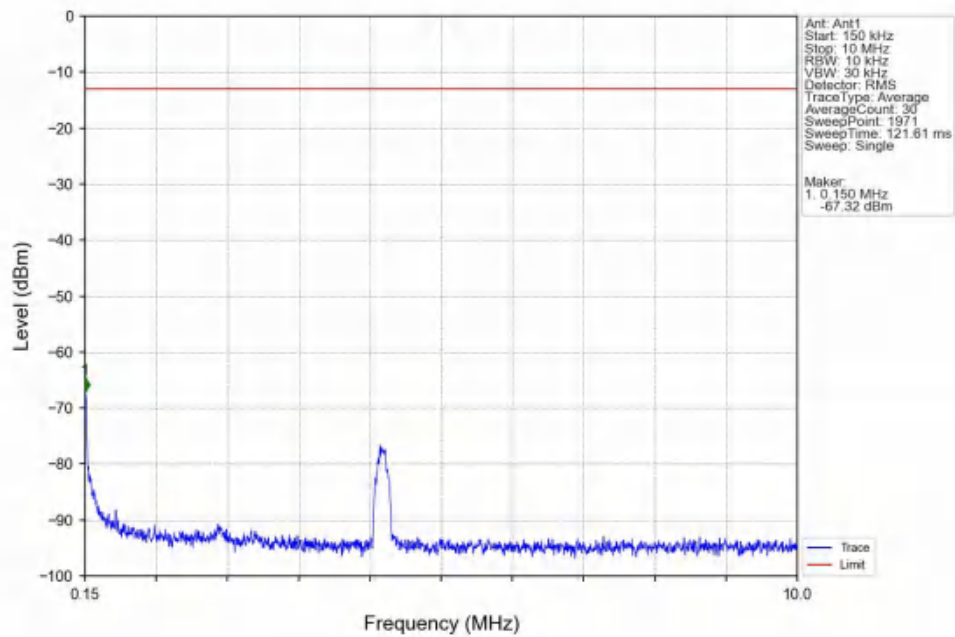
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



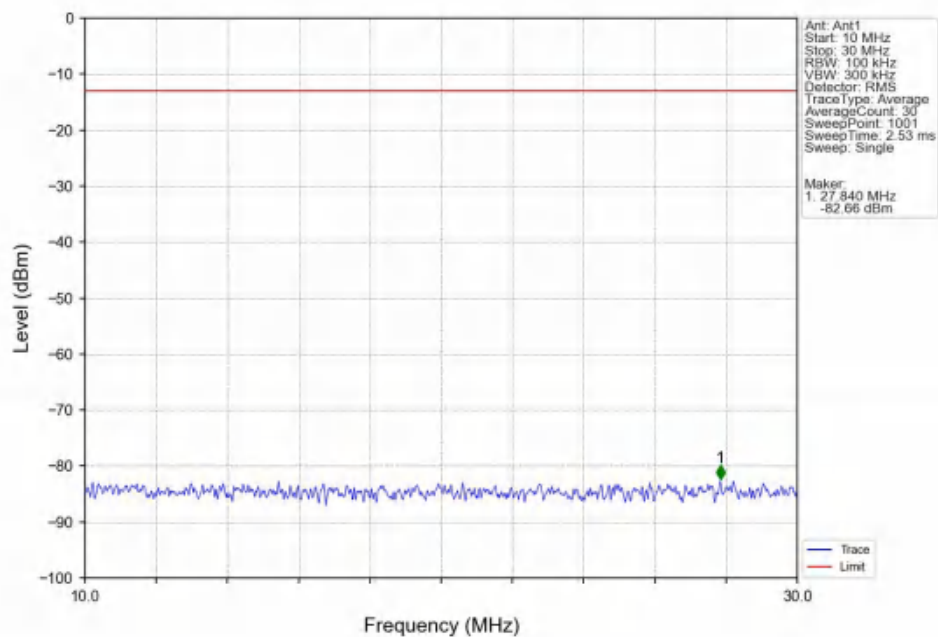
6.2.3 B4_5MHz



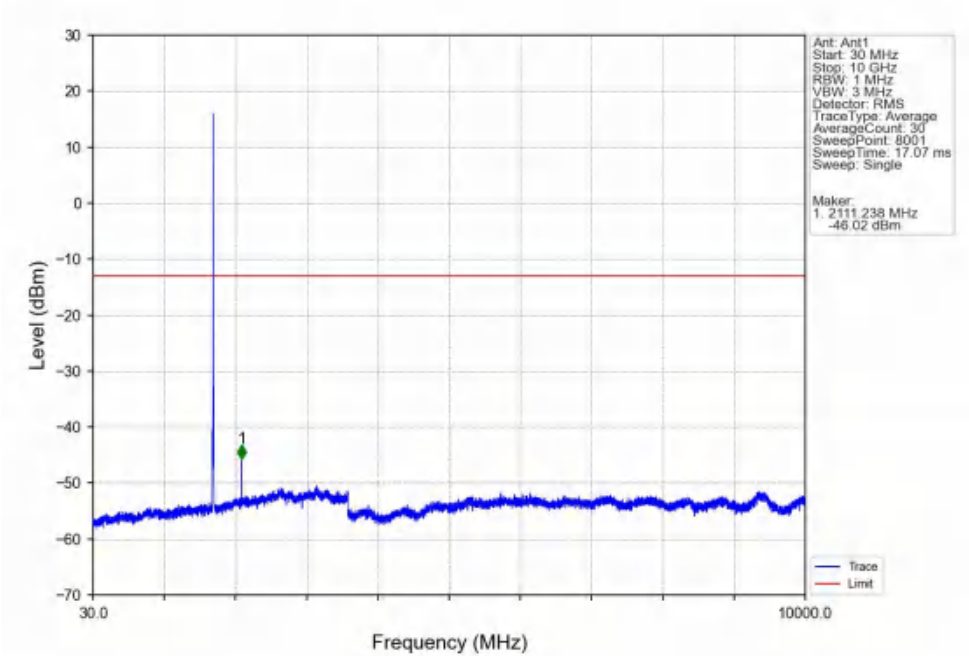
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



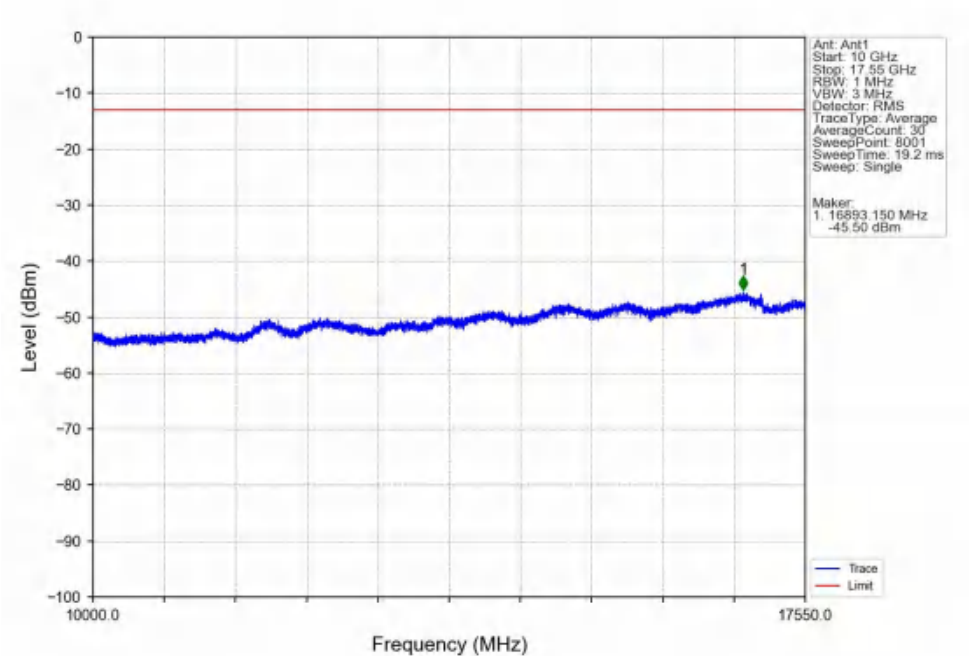
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



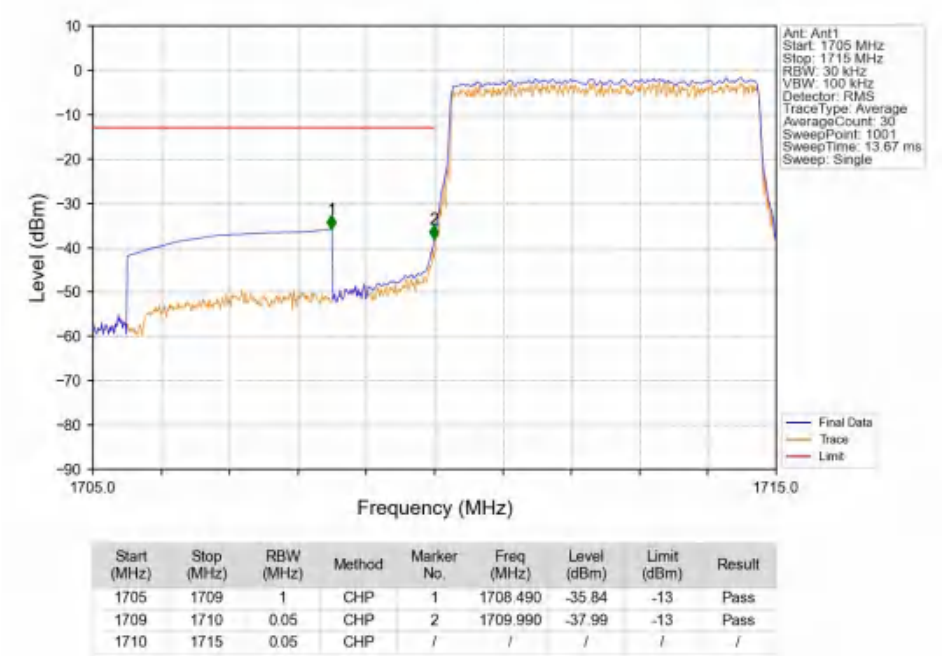
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



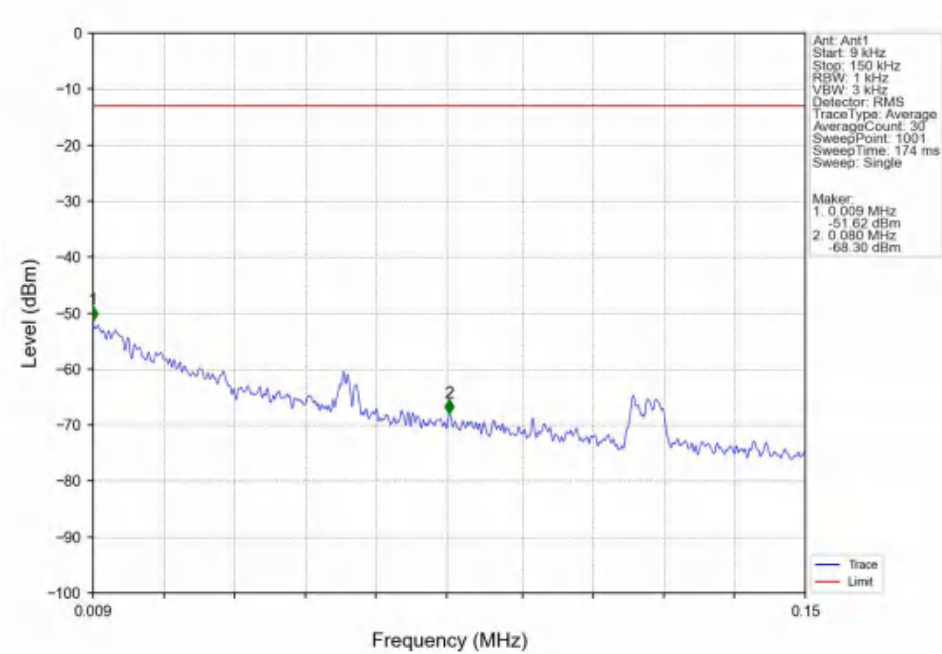
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



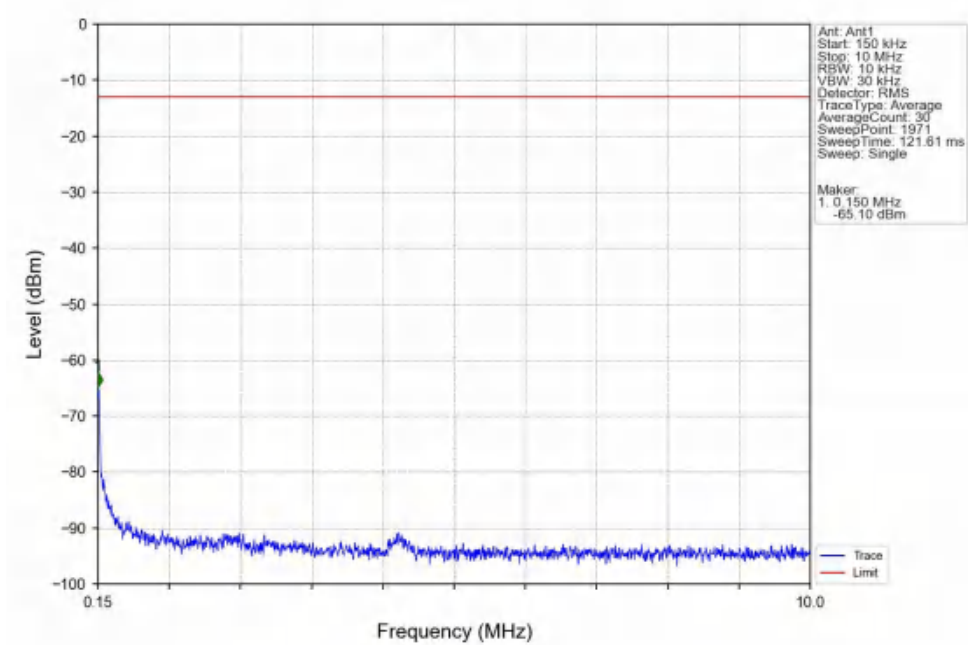
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



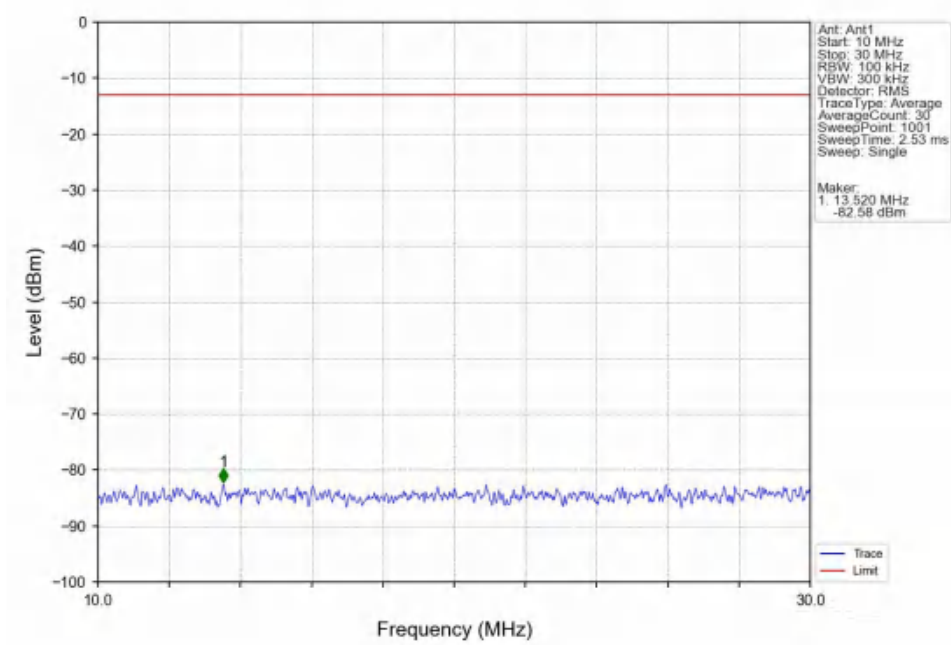
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



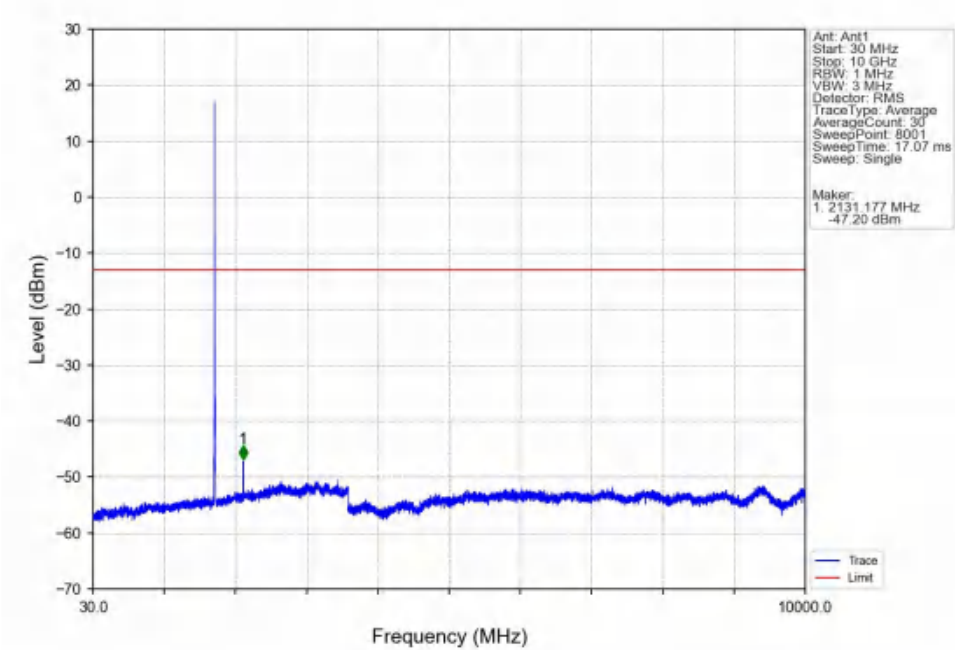
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



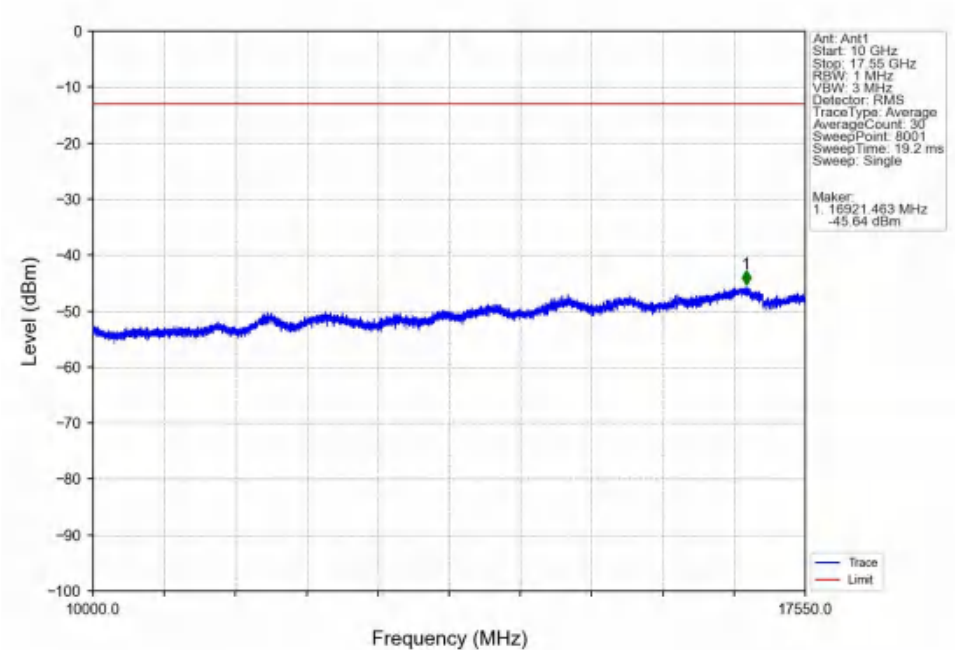
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



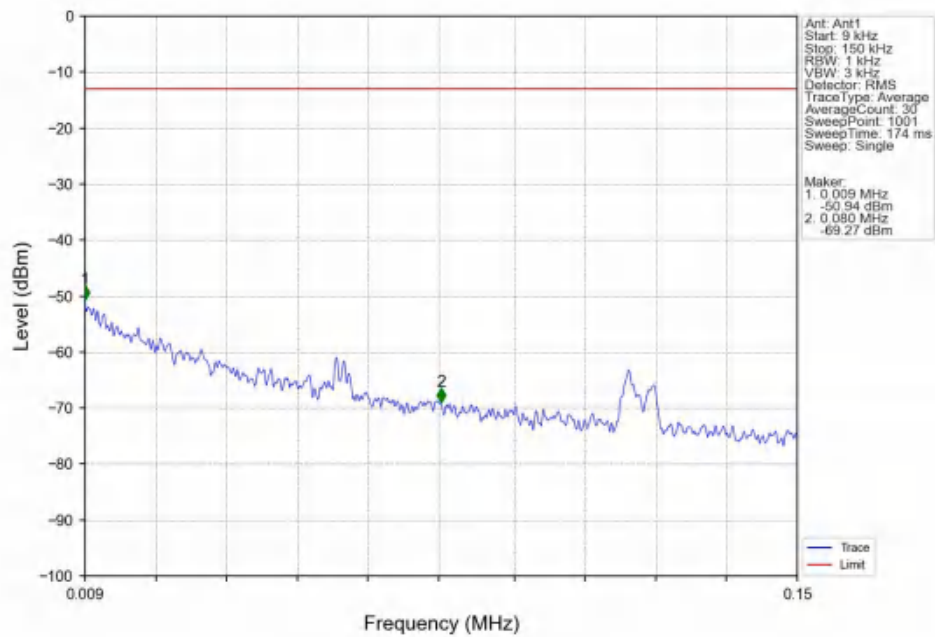
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

