

LTE B48

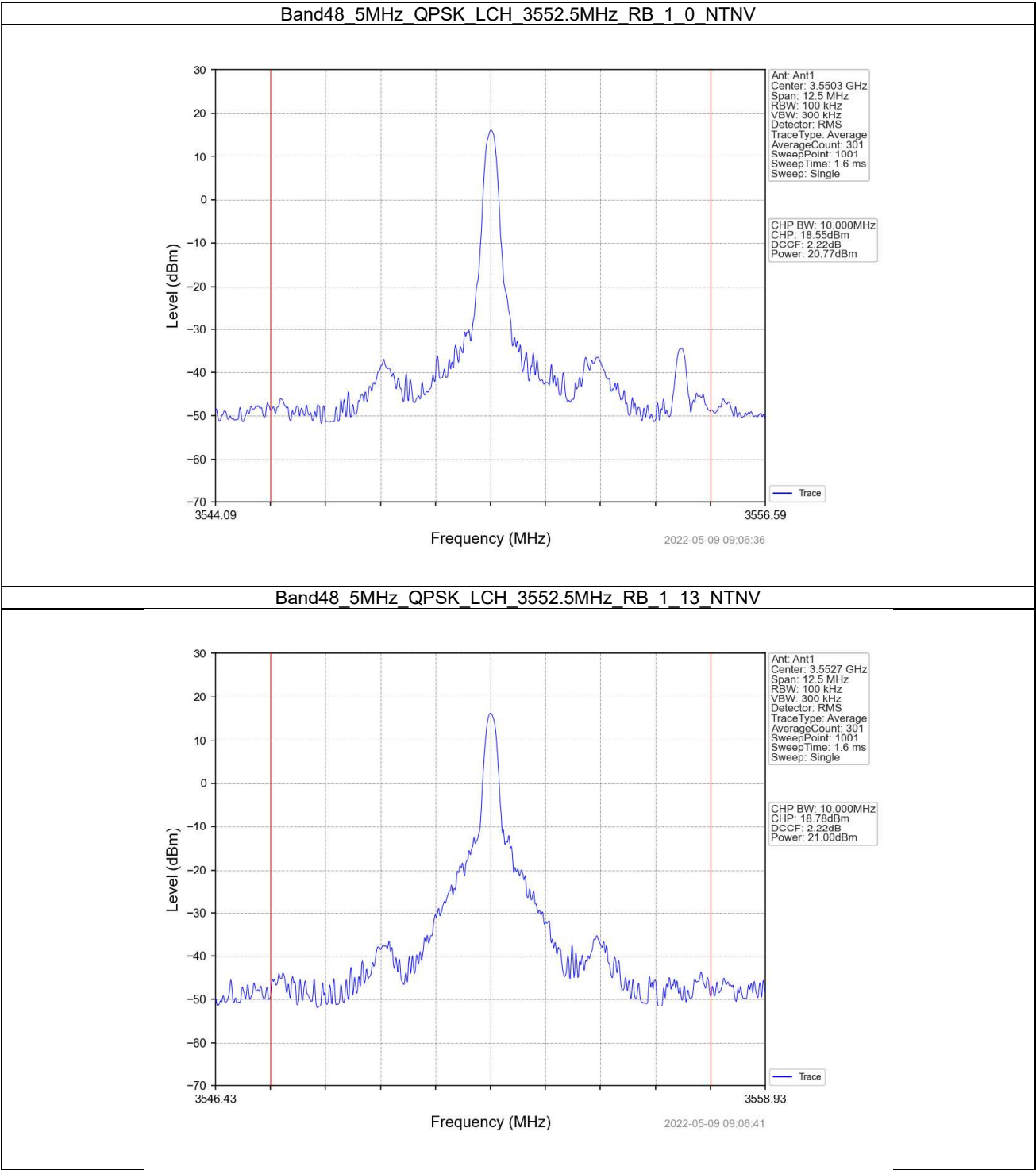
1. Effective (Isotropic) Radiated Power Output Data

1.1 B48_5MHz_EIRP

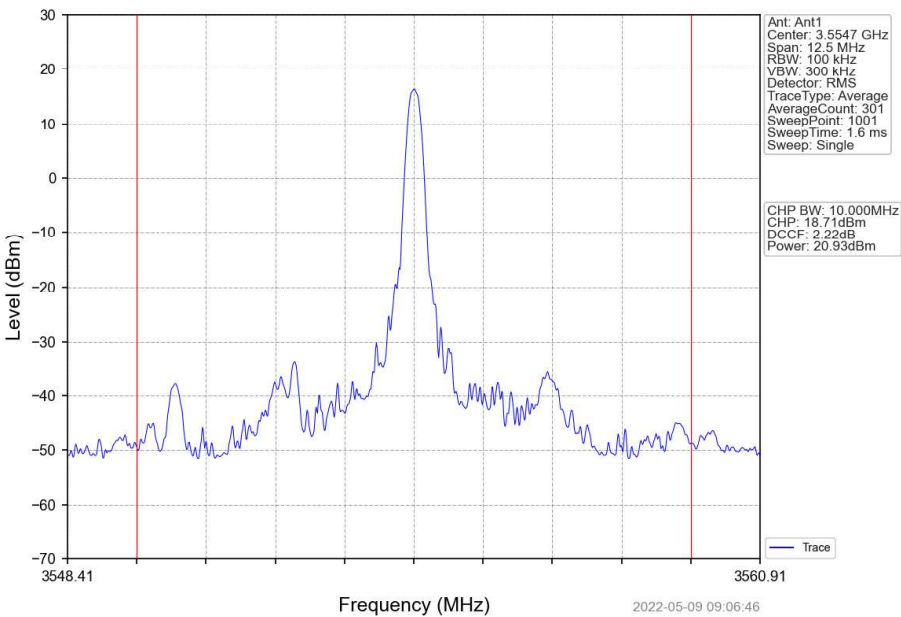
1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3552.5	1	0	20.77	-0.13	20.64	<=23	Pass		
			13	21.00	-0.13	20.87	<=23	Pass		
			24	20.93	-0.13	20.80	<=23	Pass		
		12	0	20.31	-0.13	20.18	<=23	Pass		
			6	19.88	-0.13	19.75	<=23	Pass		
			13	20.23	-0.13	20.10	<=23	Pass		
		25	0	19.98	-0.13	19.85	<=23	Pass		
		3625	1	0	21.27	-0.13	21.14	<=23	Pass	
				13	21.06	-0.13	20.93	<=23	Pass	
	24			21.41	-0.13	21.28	<=23	Pass		
	12		0	19.65	-0.13	19.52	<=23	Pass		
			6	19.80	-0.13	19.67	<=23	Pass		
			13	21.07	-0.13	20.94	<=23	Pass		
	25	0	19.70	-0.13	19.57	<=23	Pass			
	3697.5	1	0	22.47	-0.13	22.34	<=23	Pass		
			13	21.74	-0.13	21.61	<=23	Pass		
			24	21.60	-0.13	21.47	<=23	Pass		
		12	0	20.78	-0.13	20.65	<=23	Pass		
			6	21.35	-0.13	21.22	<=23	Pass		
			13	20.44	-0.13	20.31	<=23	Pass		
		25	0	21.54	-0.13	21.41	<=23	Pass		
		16QAM	3552.5	1	0	20.01	-0.13	19.88	<=23	Pass
					13	19.83	-0.13	19.70	<=23	Pass
	24				19.89	-0.13	19.76	<=23	Pass	
12	0			18.82	-0.13	18.69	<=23	Pass		
	6			18.98	-0.13	18.85	<=23	Pass		
	13			19.06	-0.13	18.93	<=23	Pass		
25	0			19.03	-0.13	18.90	<=23	Pass		
3625	1			0	20.40	-0.13	20.27	<=23	Pass	
				13	20.41	-0.13	20.28	<=23	Pass	
			24	19.44	-0.13	19.31	<=23	Pass		
	12		0	18.71	-0.13	18.58	<=23	Pass		
			6	19.47	-0.13	19.34	<=23	Pass		
			13	19.41	-0.13	19.28	<=23	Pass		
25	0		18.47	-0.13	18.34	<=23	Pass			
3697.5	1		0	20.58	-0.13	20.45	<=23	Pass		
			13	20.82	-0.13	20.69	<=23	Pass		
			24	19.85	-0.13	19.72	<=23	Pass		
	12		0	19.89	-0.13	19.76	<=23	Pass		
			6	19.74	-0.13	19.61	<=23	Pass		
			13	20.02	-0.13	19.89	<=23	Pass		
	25		0	19.85	-0.13	19.72	<=23	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

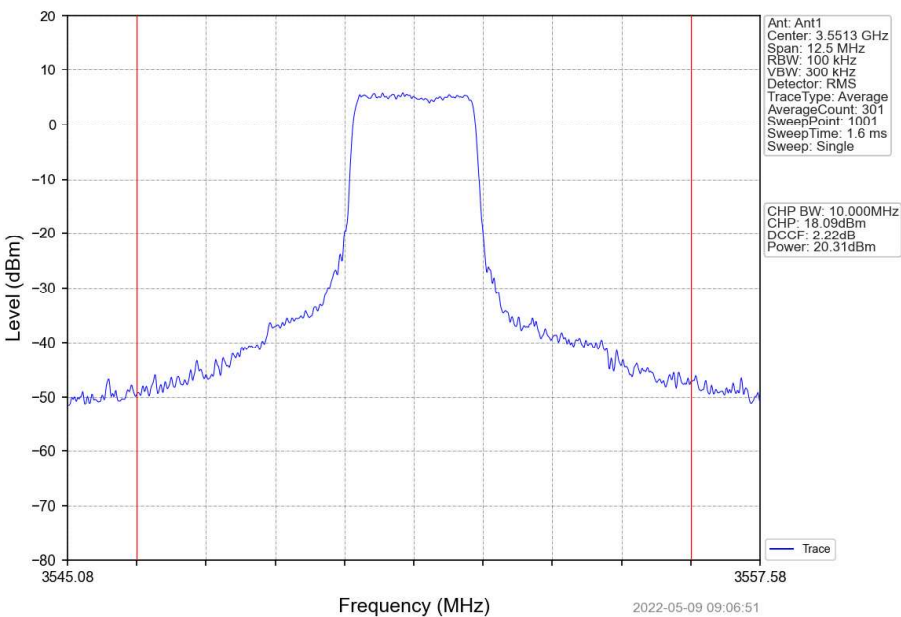
1.1.2 Test Graph



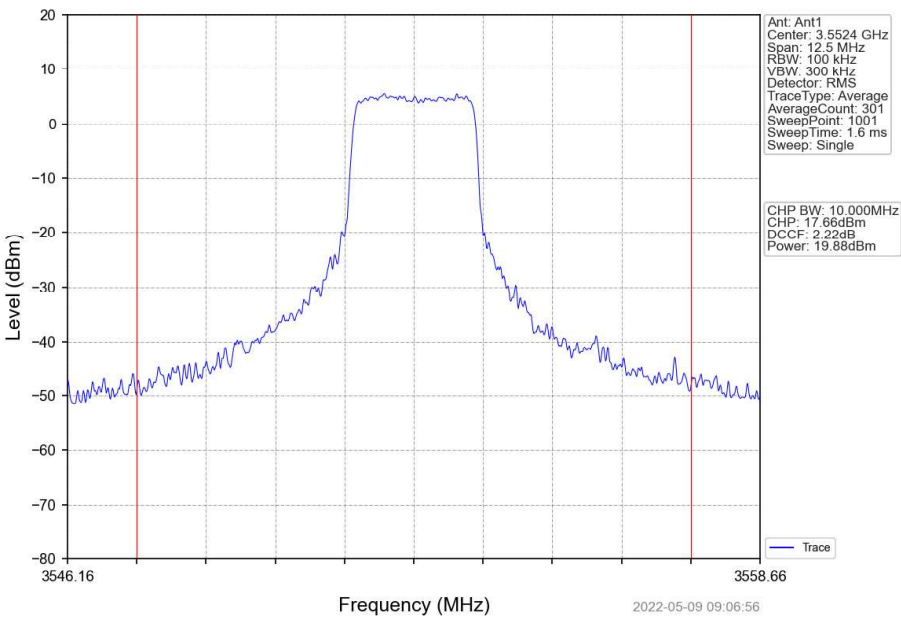
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_24_NTNV



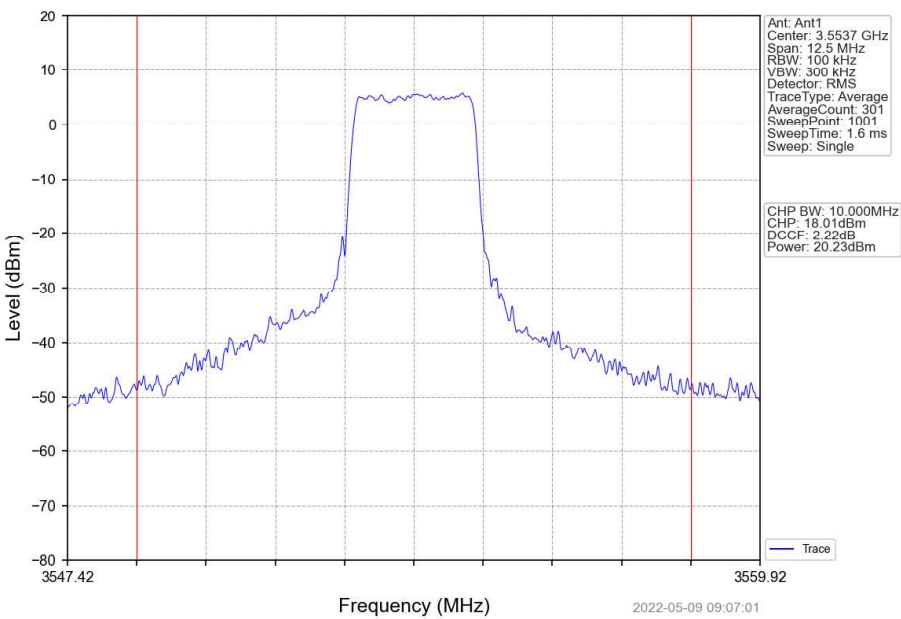
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_0_NTNV



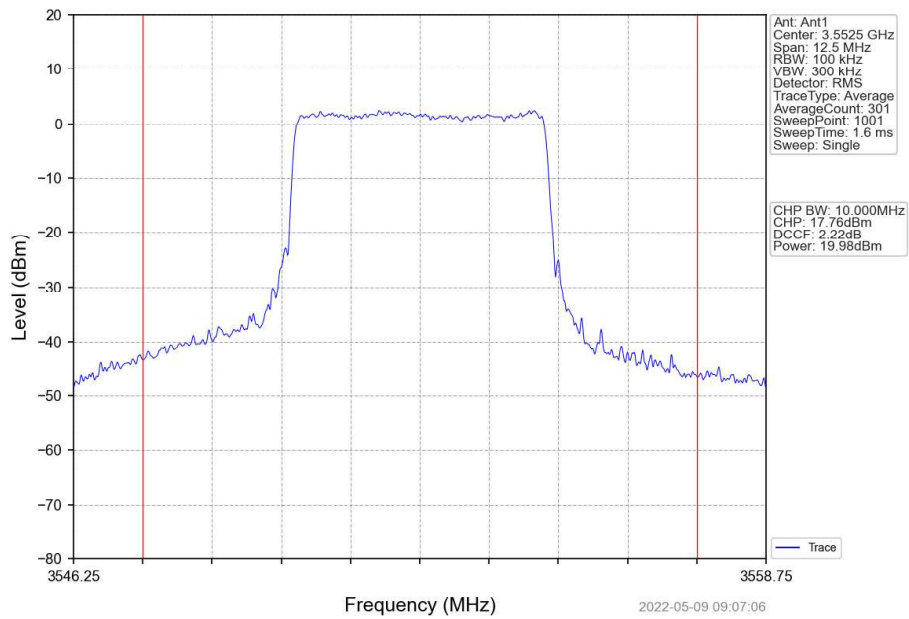
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_6_NTNV



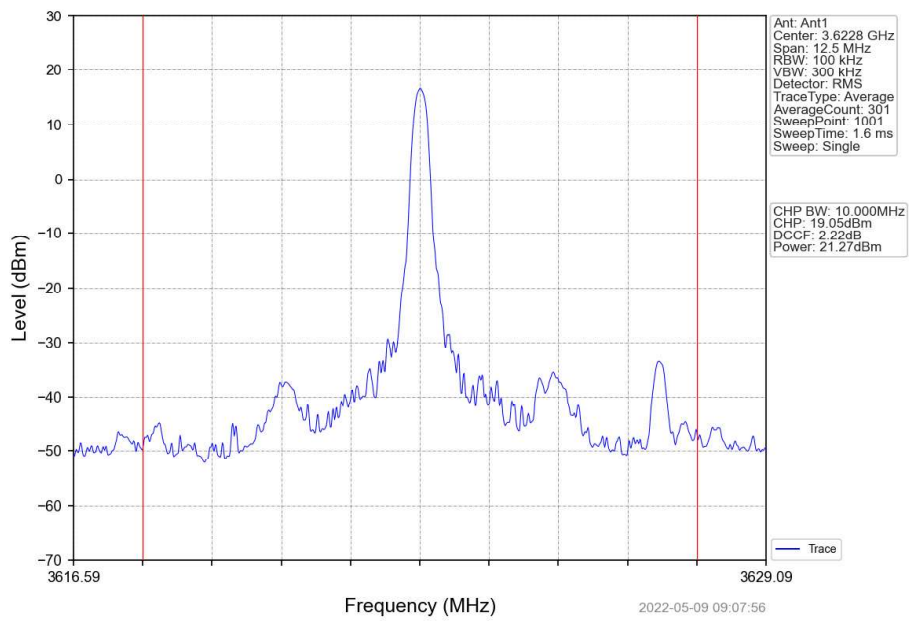
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_13_NTNV



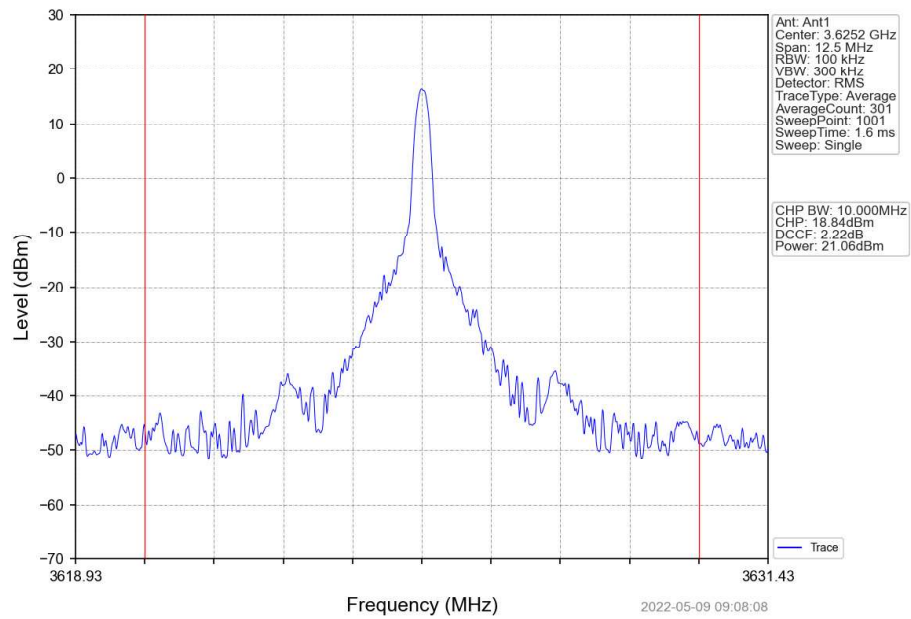
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



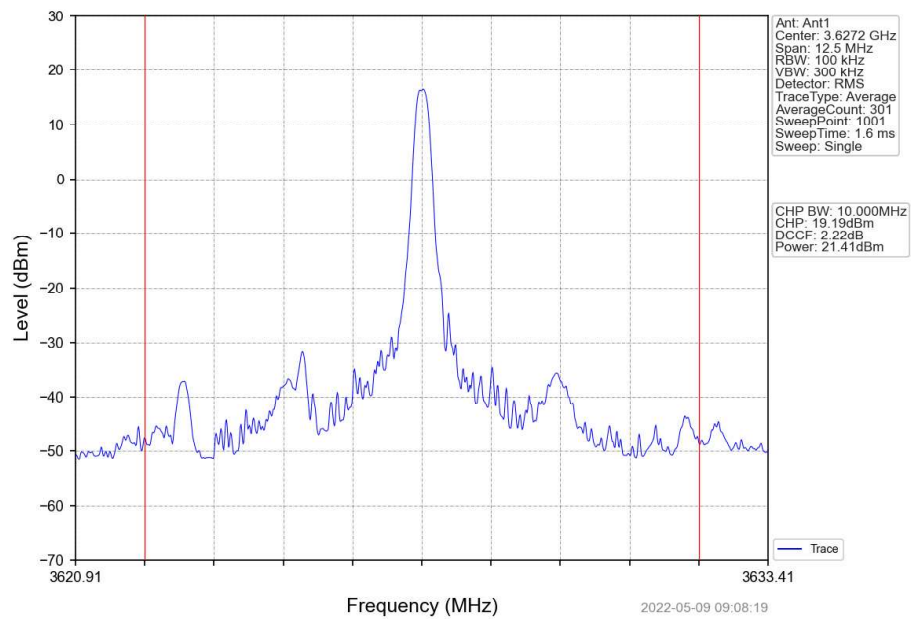
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



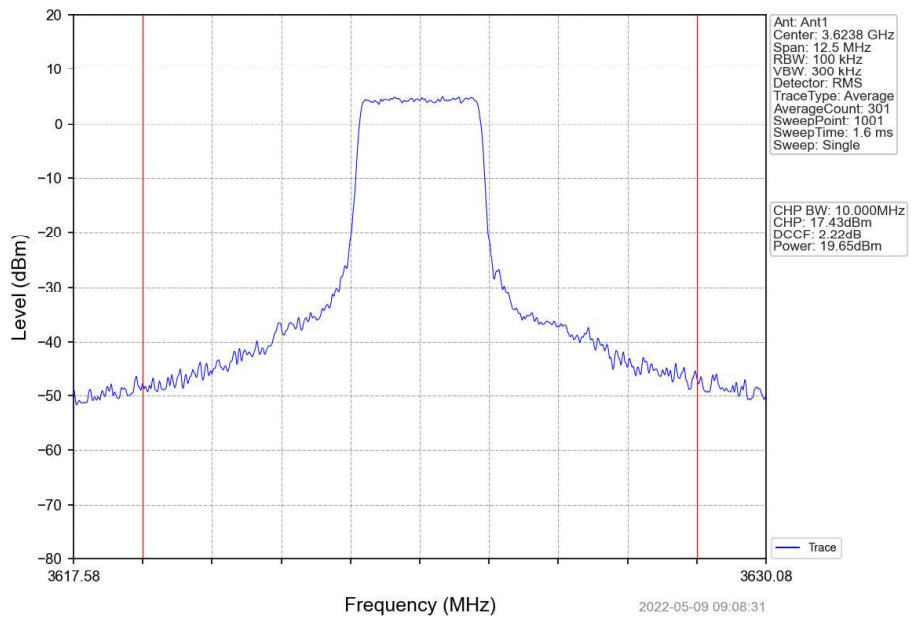
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_13_NTNV



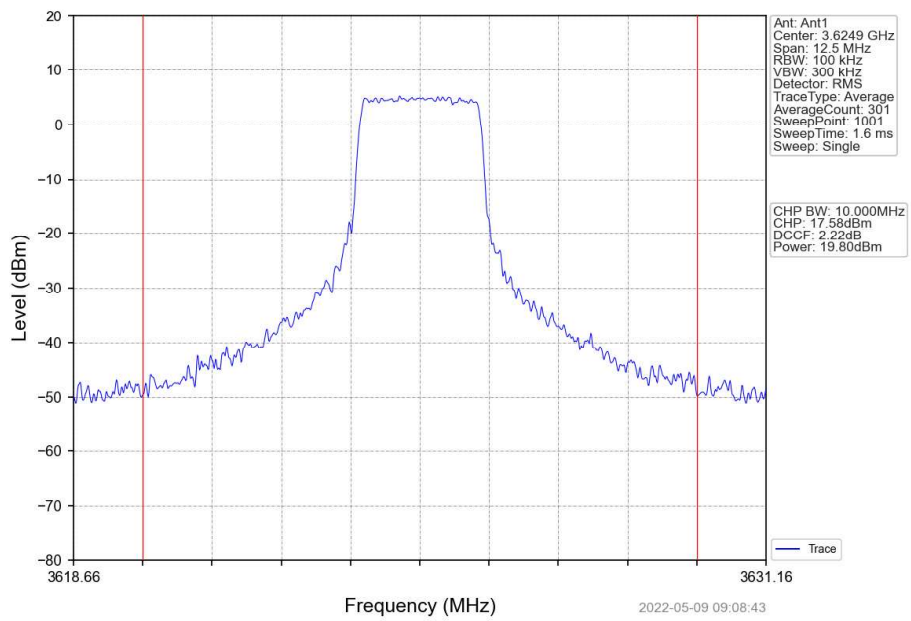
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_24_NTNV



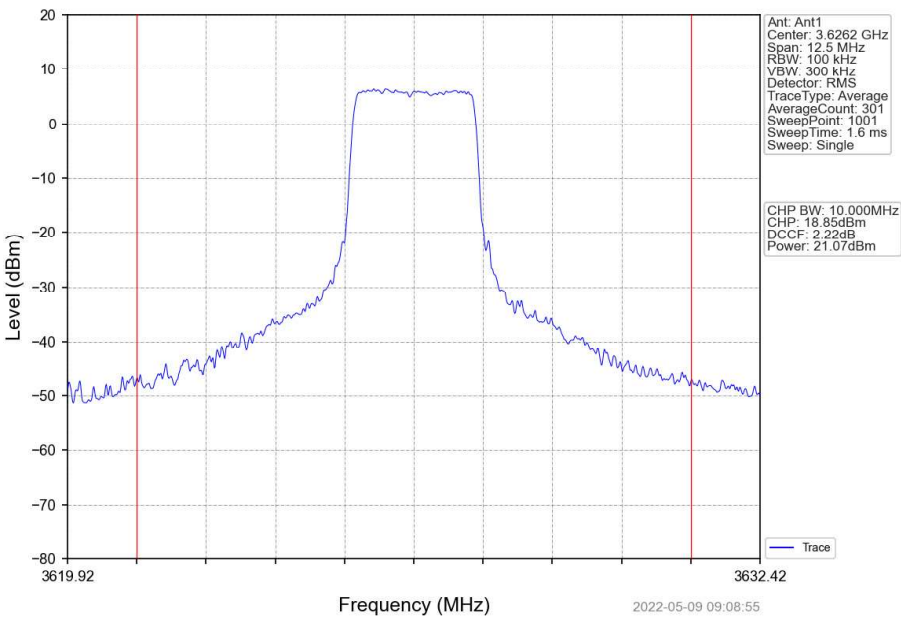
Band48_5MHz_QPSK_MCH_3625MHz_RB_12_0_NTNV



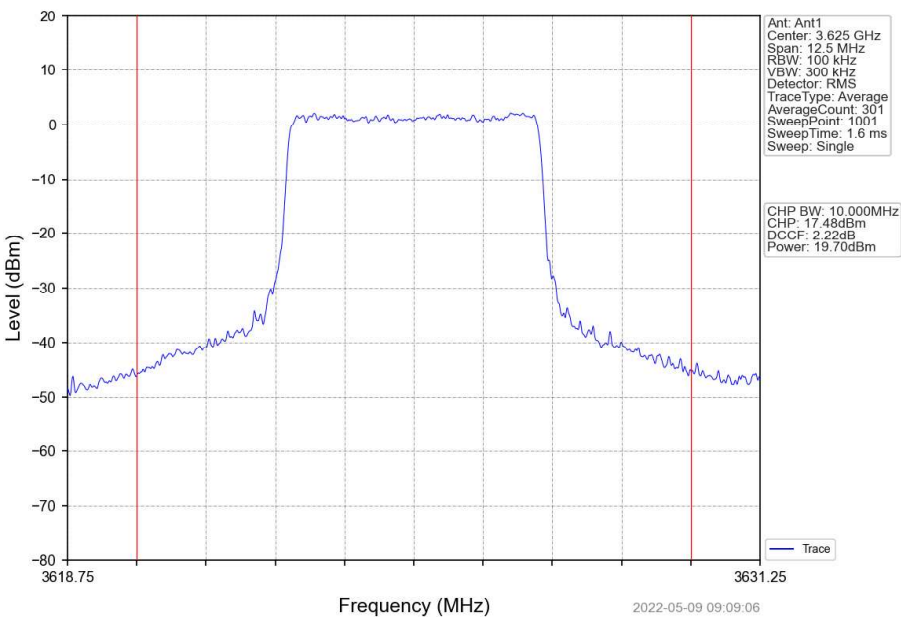
Band48_5MHz_QPSK_MCH_3625MHz_RB_12_6_NTNV



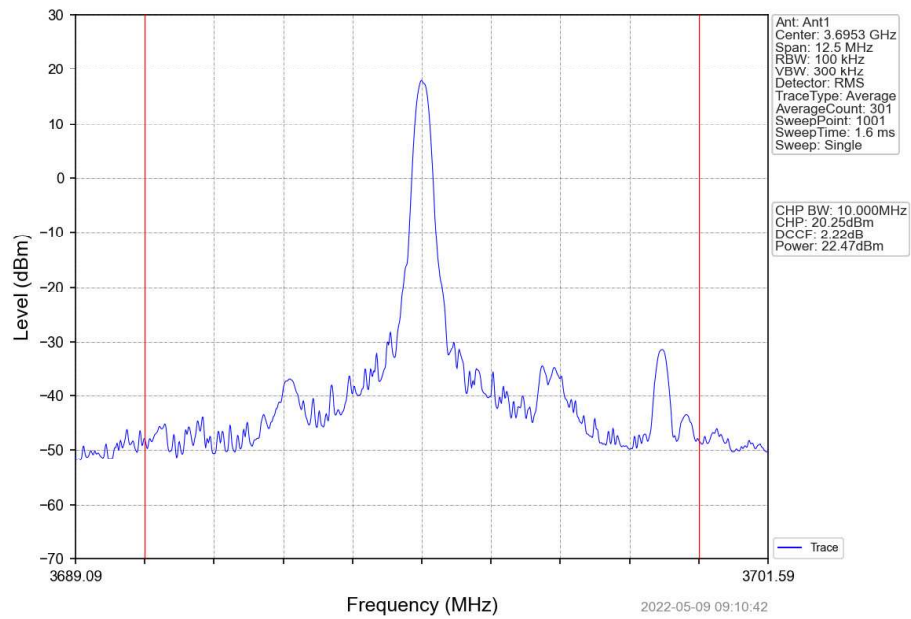
Band48_5MHz_QPSK_MCH_3625MHz_RB_12_13_NTNV



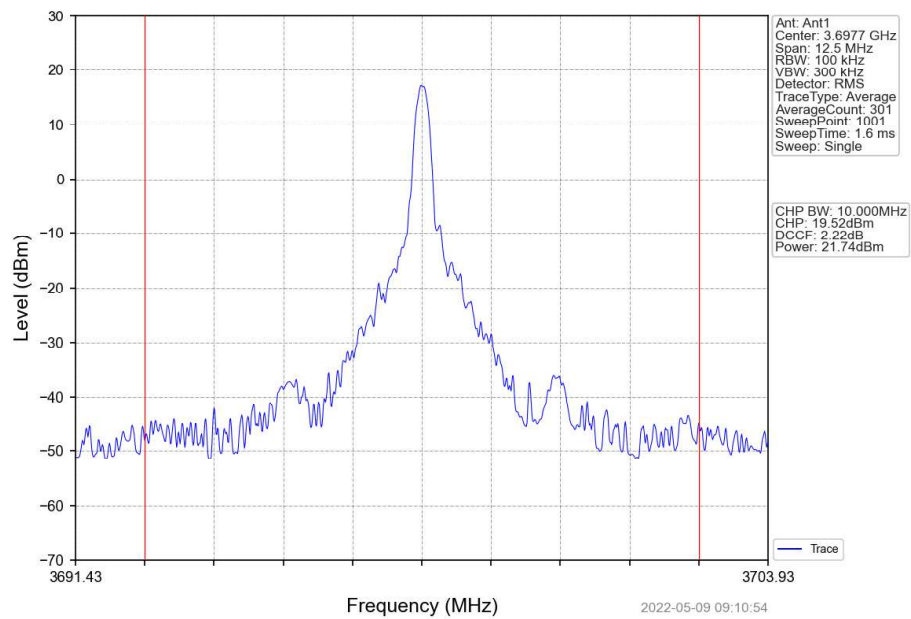
Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV



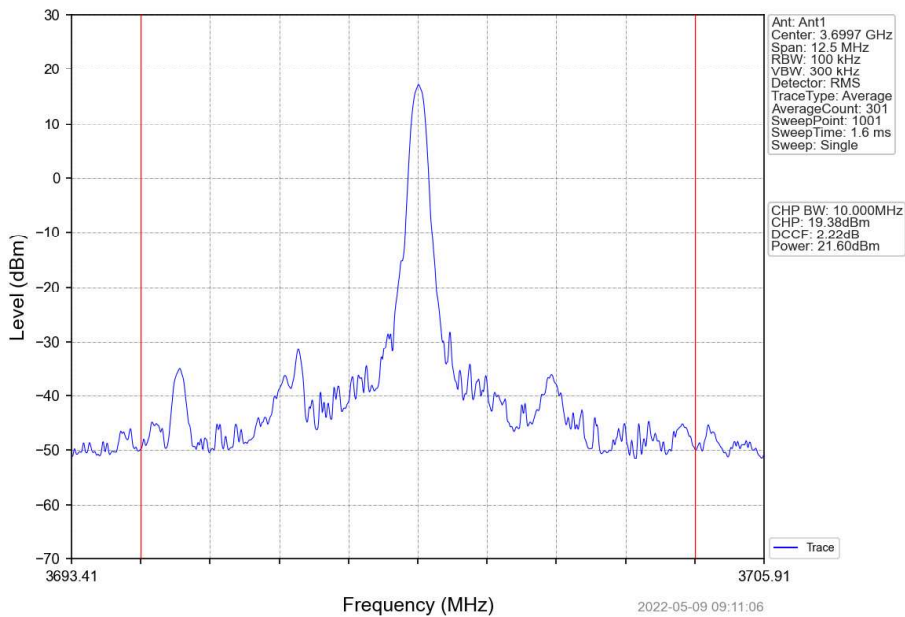
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



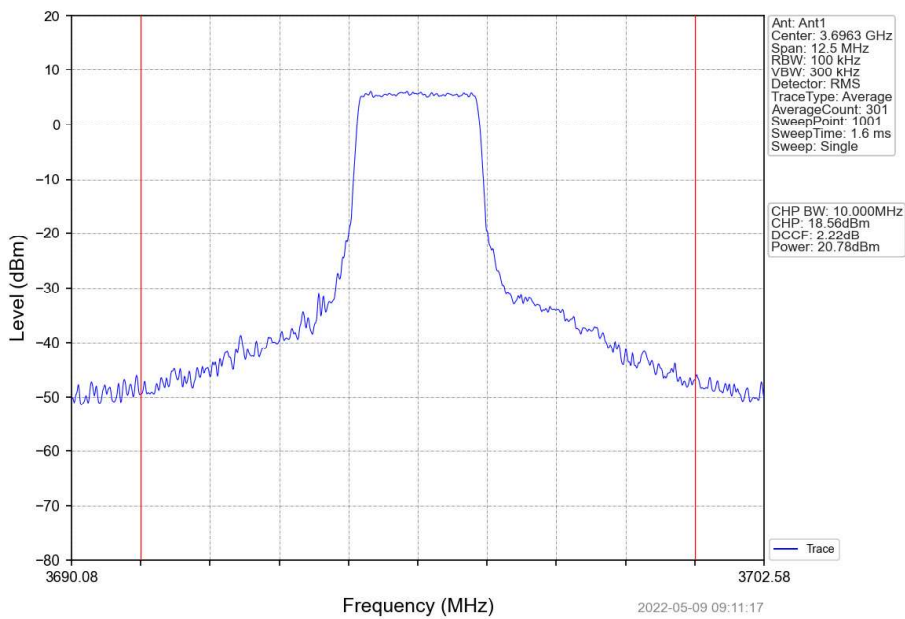
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_13_NTNV



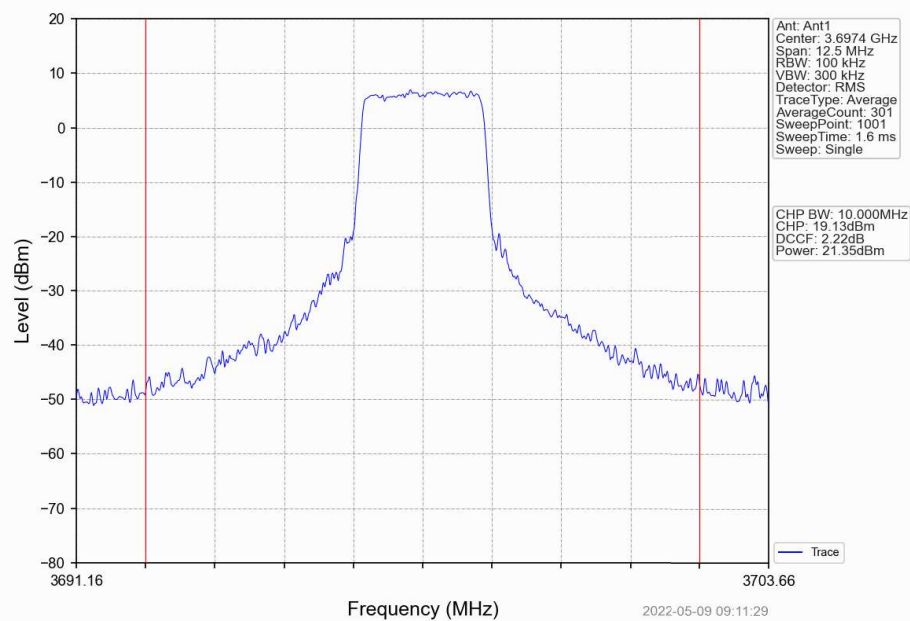
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_24_NTNV



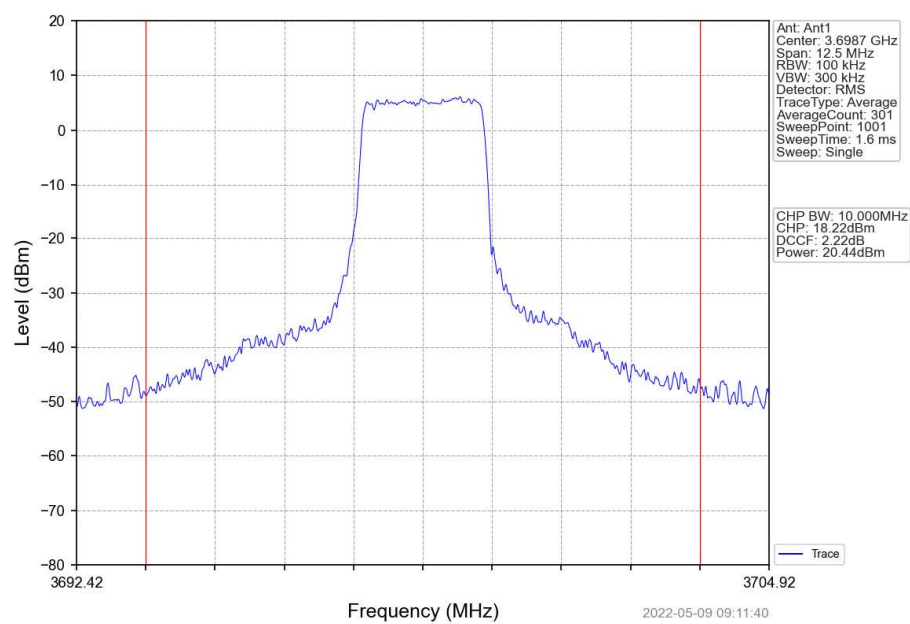
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_0_NTNV



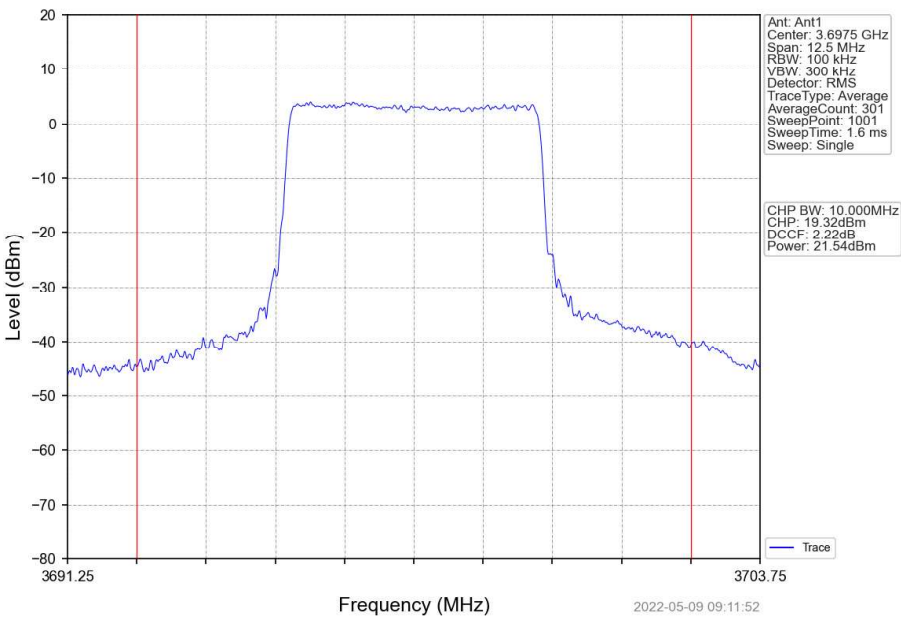
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_6_NTNV



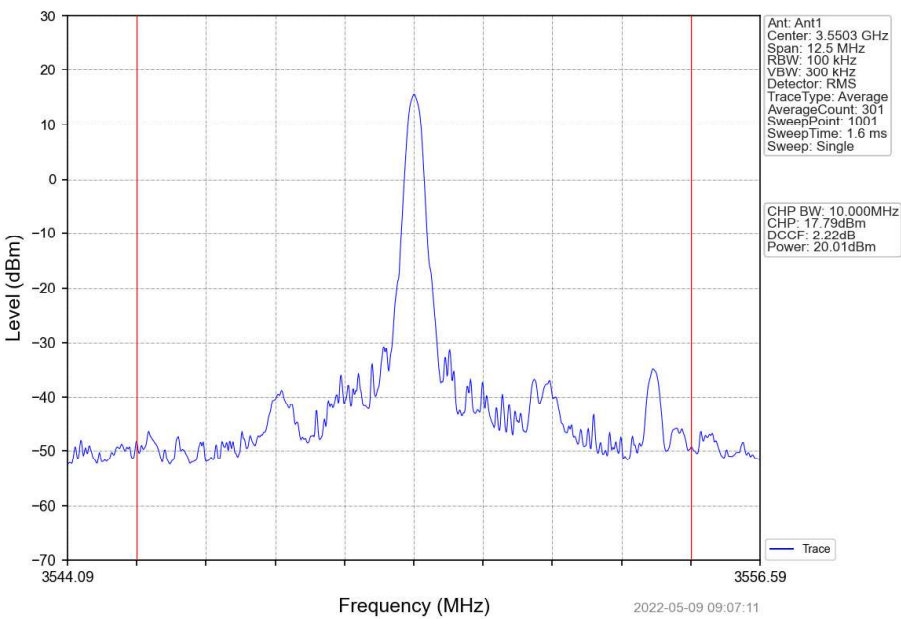
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_13_NTNV



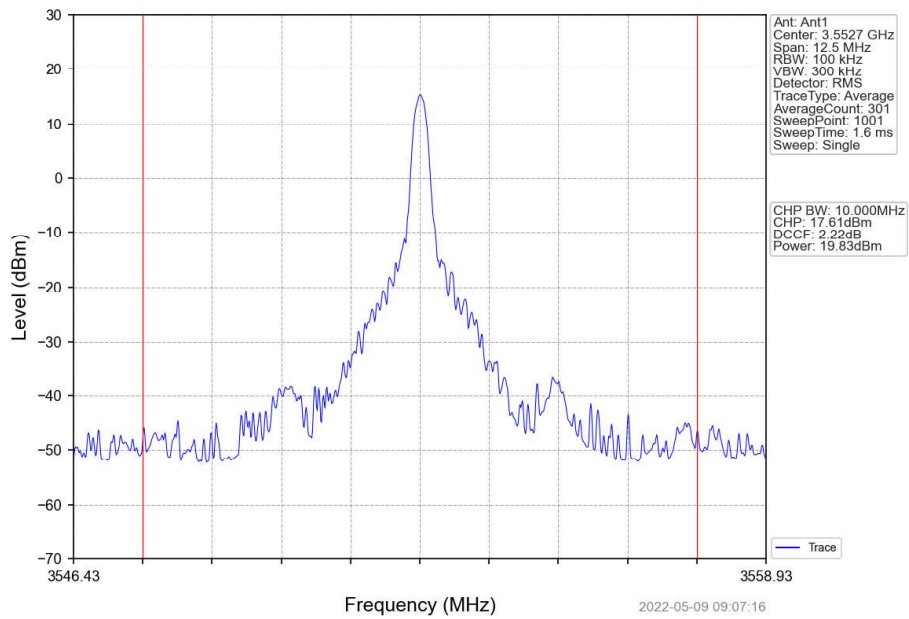
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



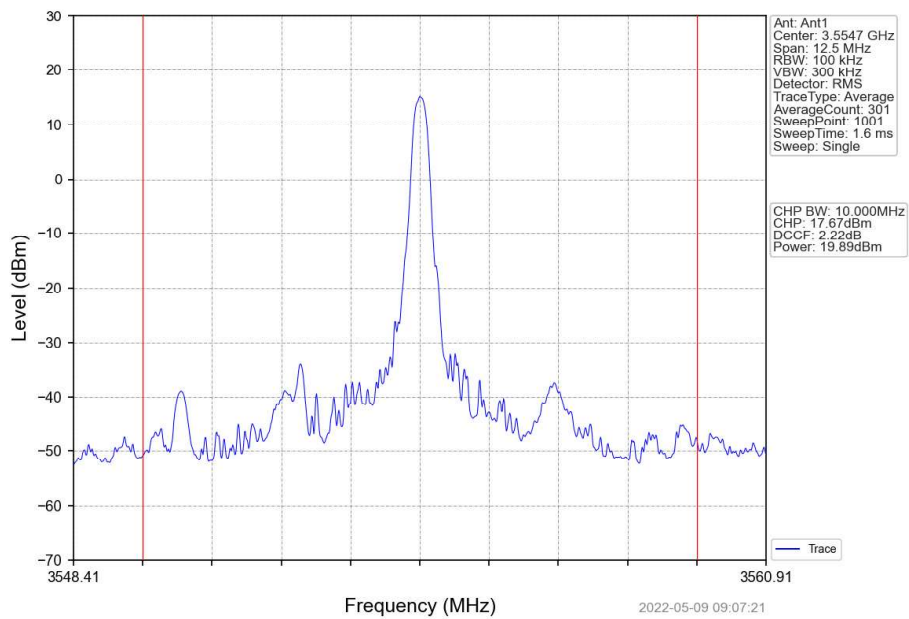
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_0_NTNV



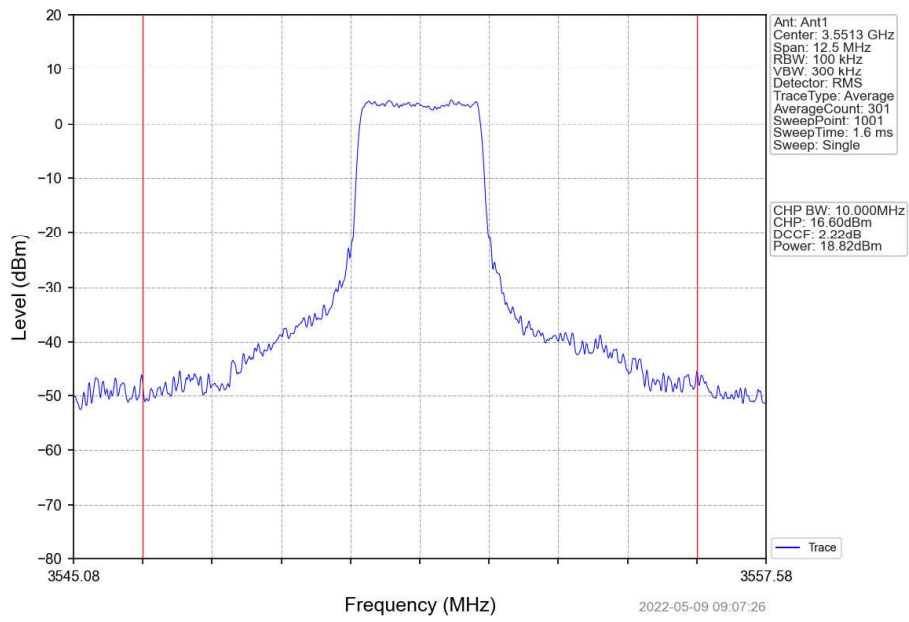
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_13_NTNV



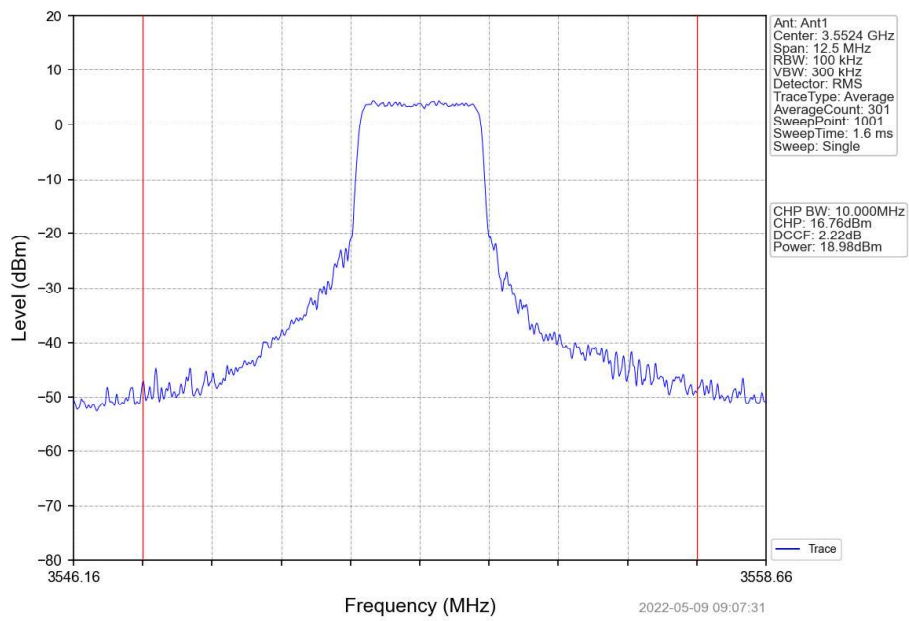
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_24_NTNV



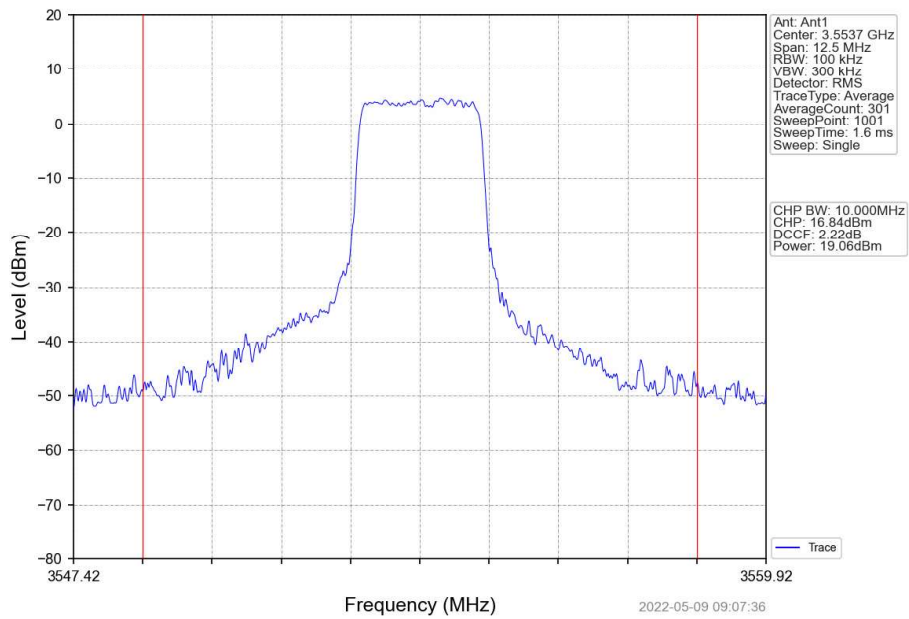
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_0_NTNV



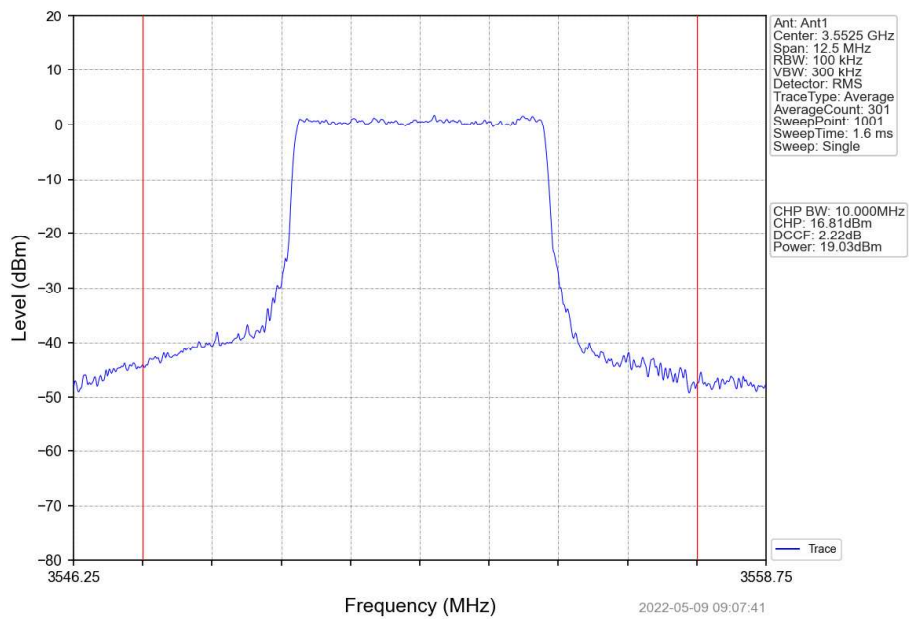
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_6_NTNV



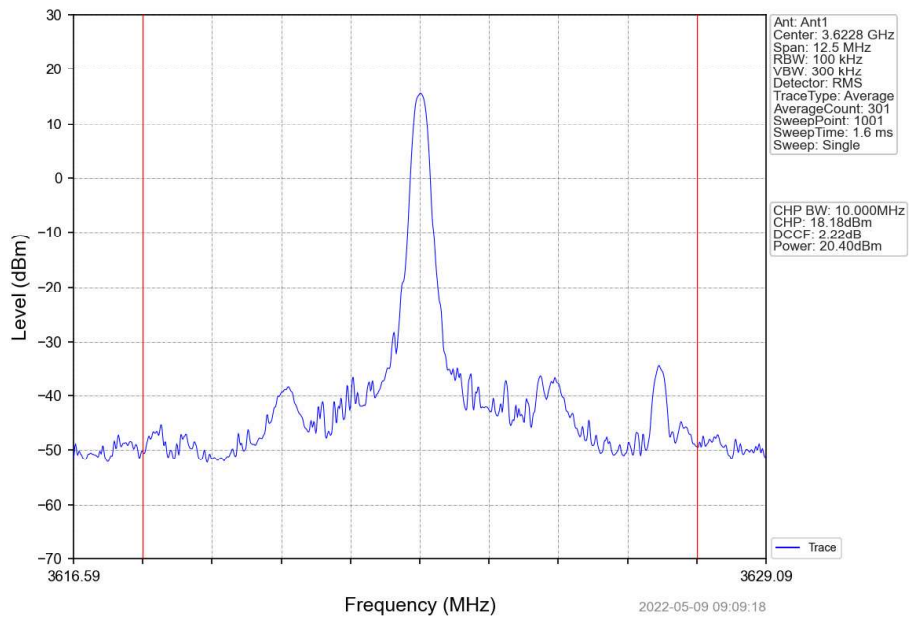
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_13_NTNV



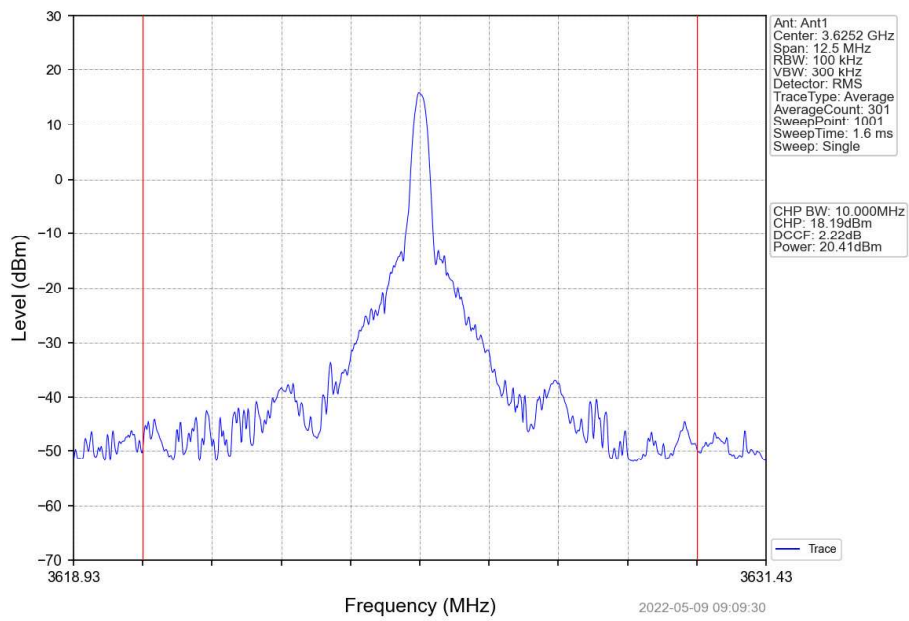
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



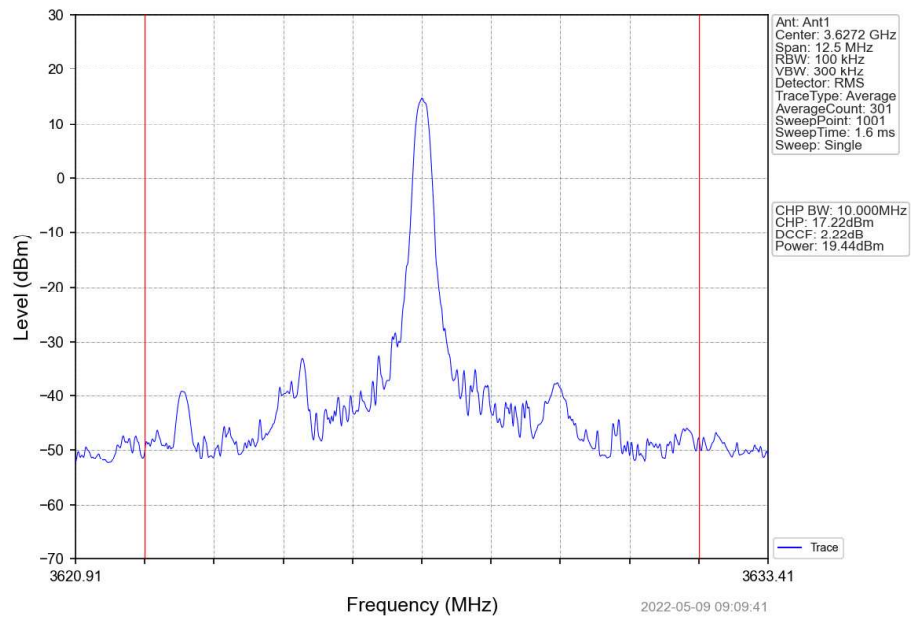
Band48_5MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



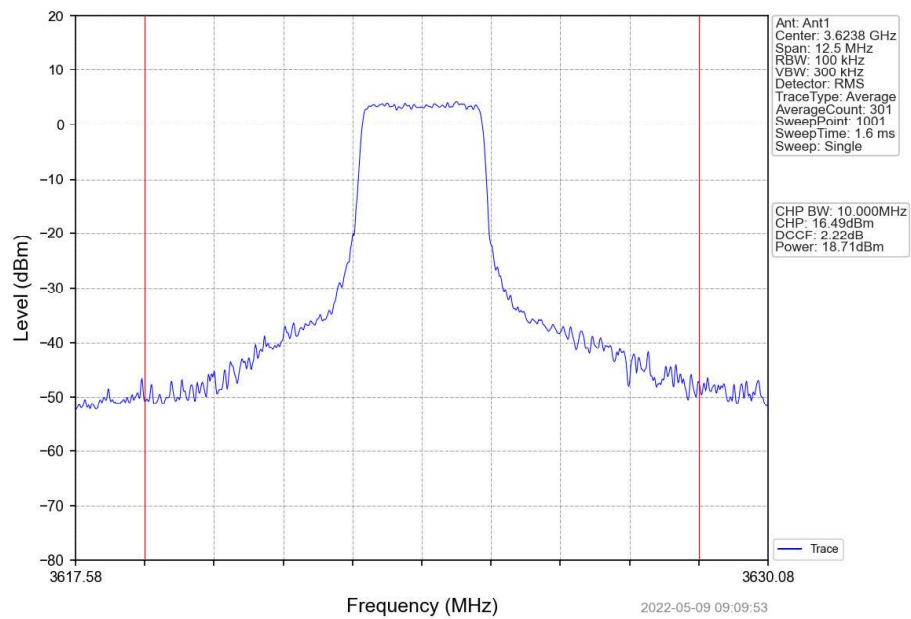
Band48_5MHz_16QAM_MCH_3625MHz_RB_1_13_NTNV



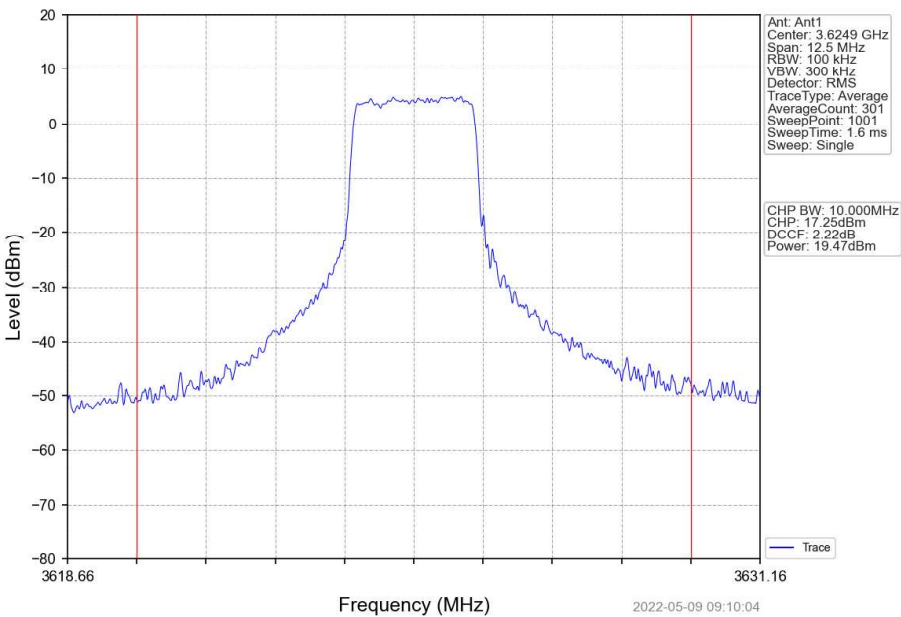
Band48_5MHz_16QAM_MCH_3625MHz_RB_1_24_NTNV



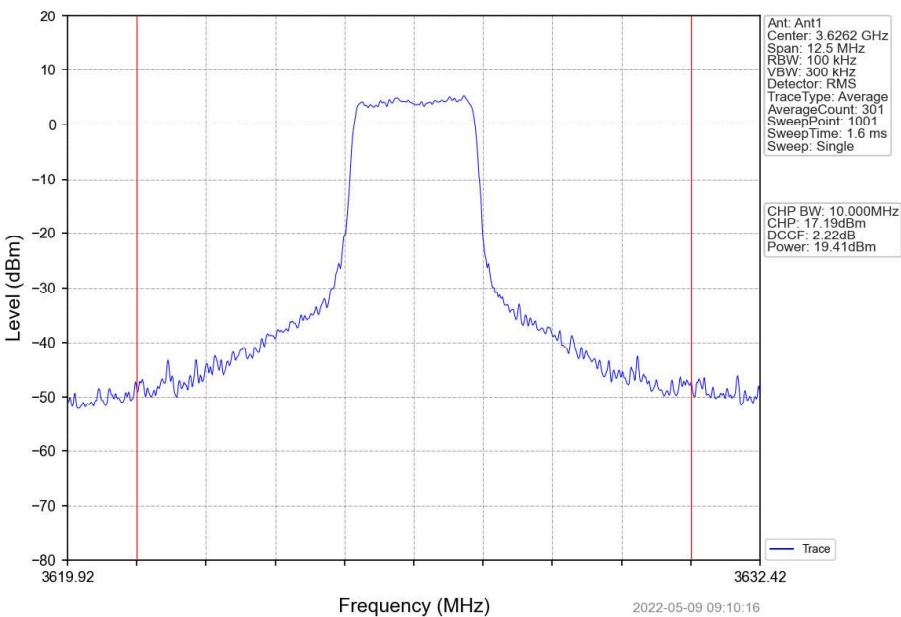
Band48_5MHz_16QAM_MCH_3625MHz_RB_12_0_NTNV



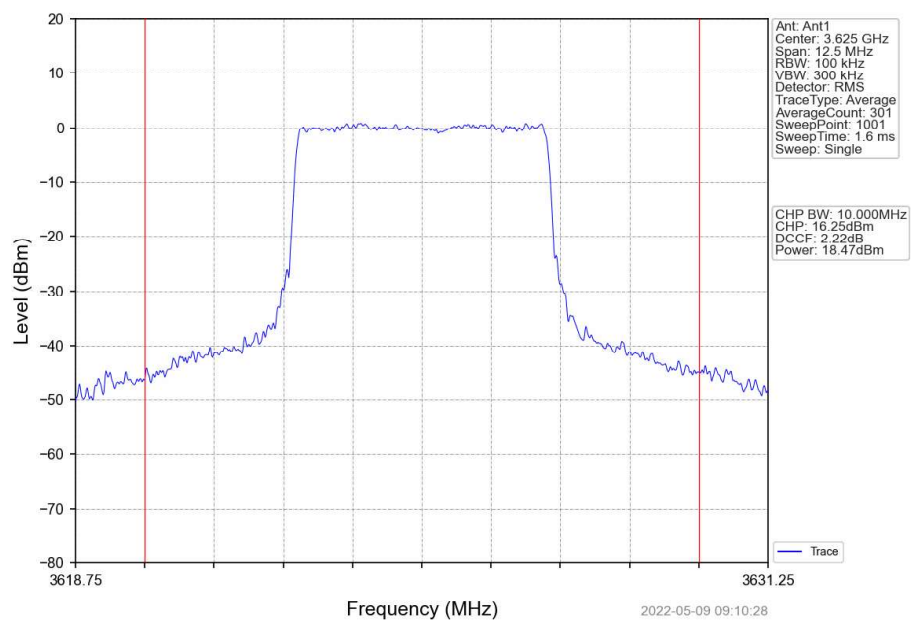
Band48_5MHz_16QAM_MCH_3625MHz_RB_12_6_NTNV



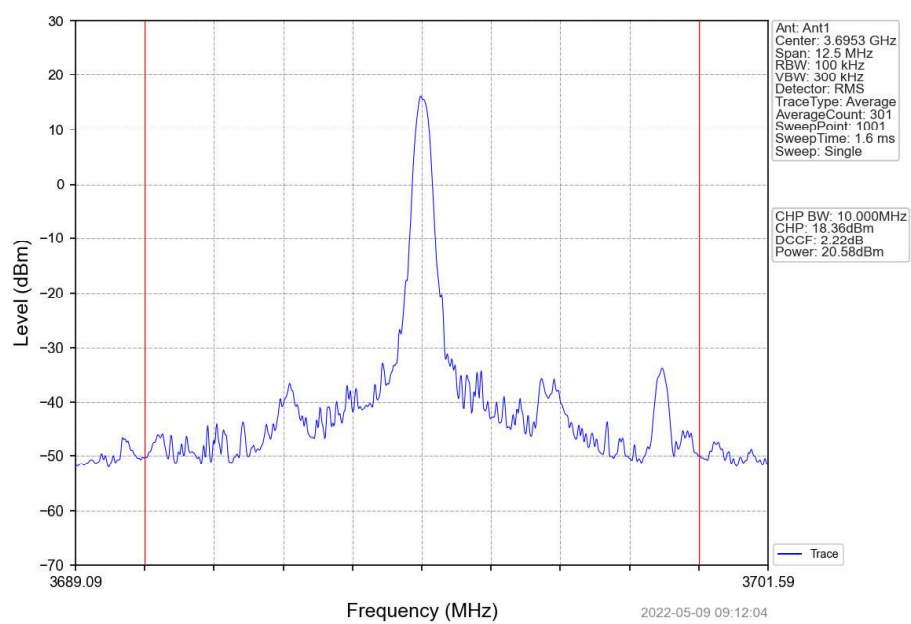
Band48_5MHz_16QAM_MCH_3625MHz_RB_12_13_NTNV



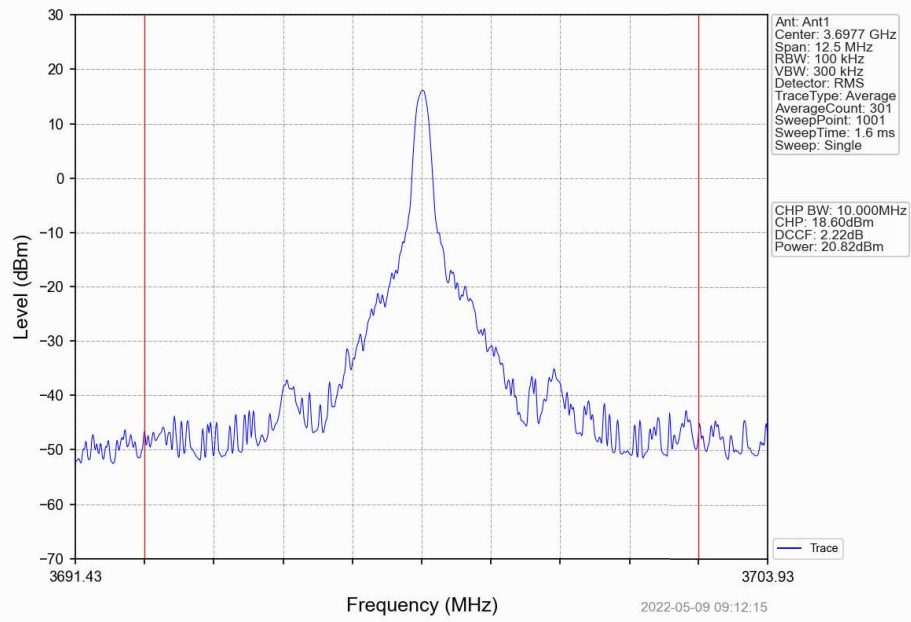
Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



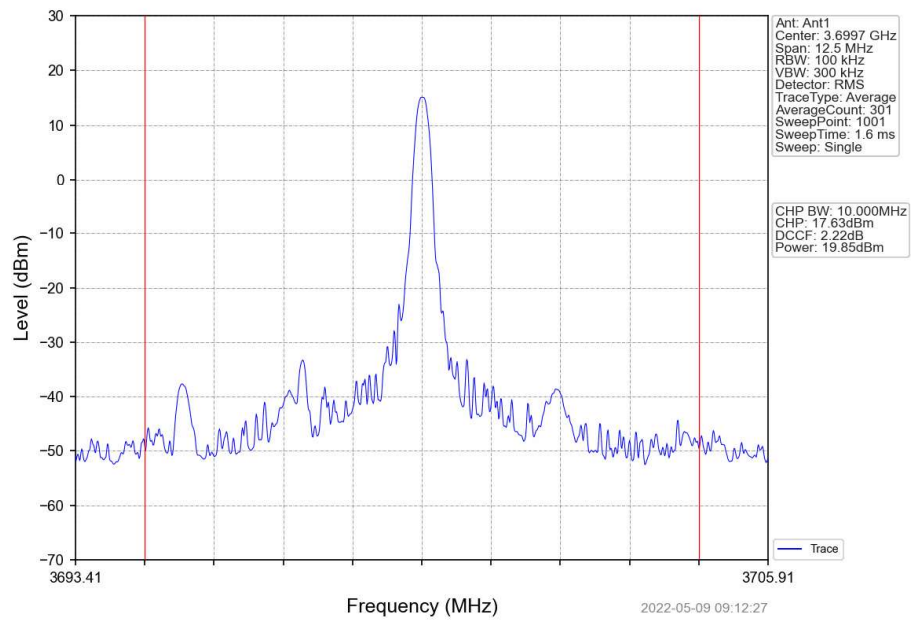
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_0_NTNV



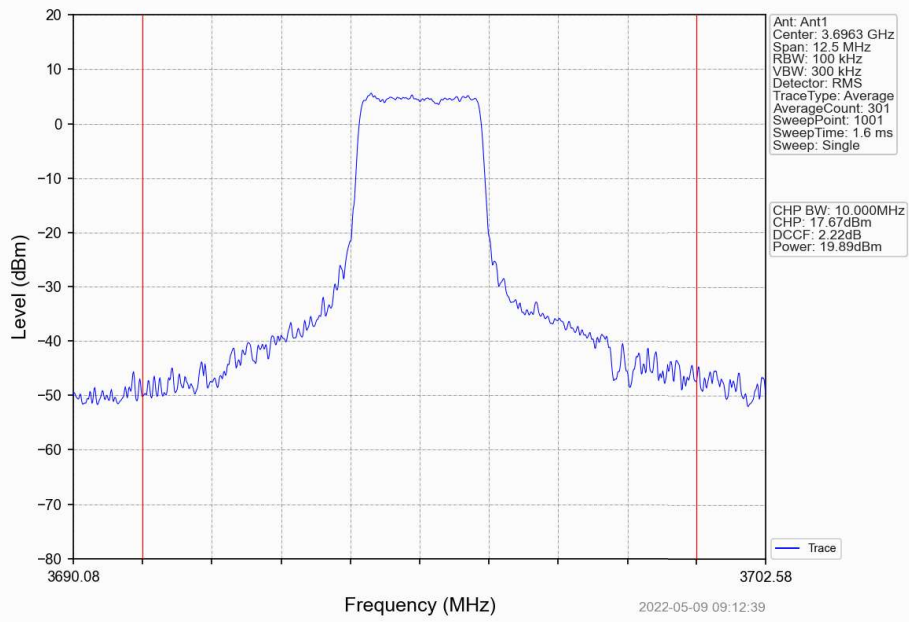
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_13_NTNV



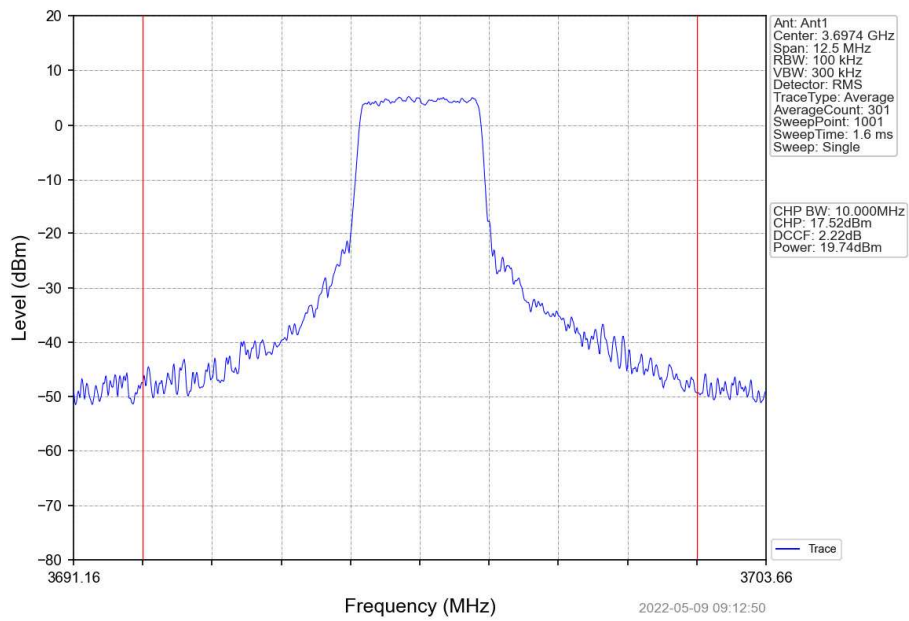
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_24_NTNV



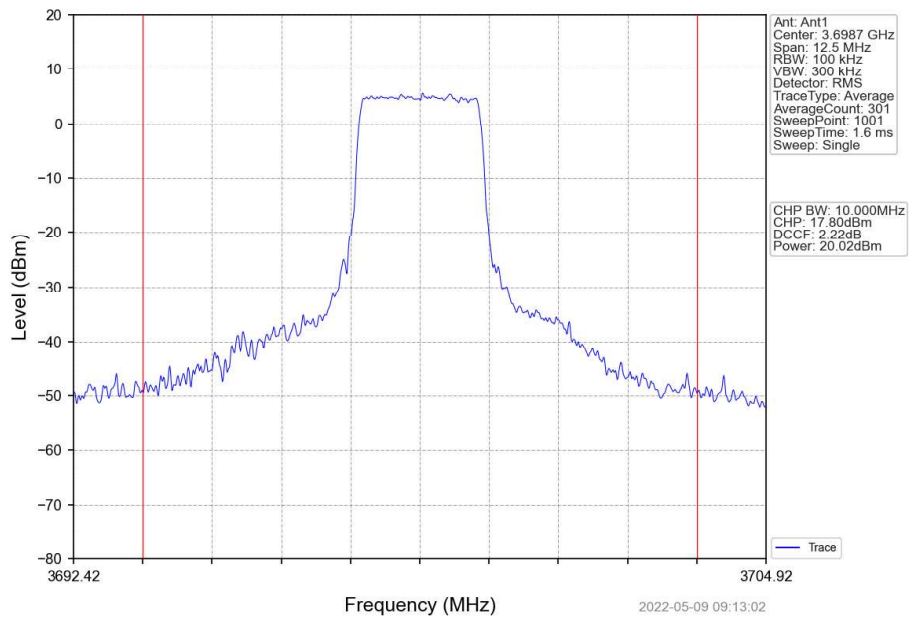
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_12_0_NTNV



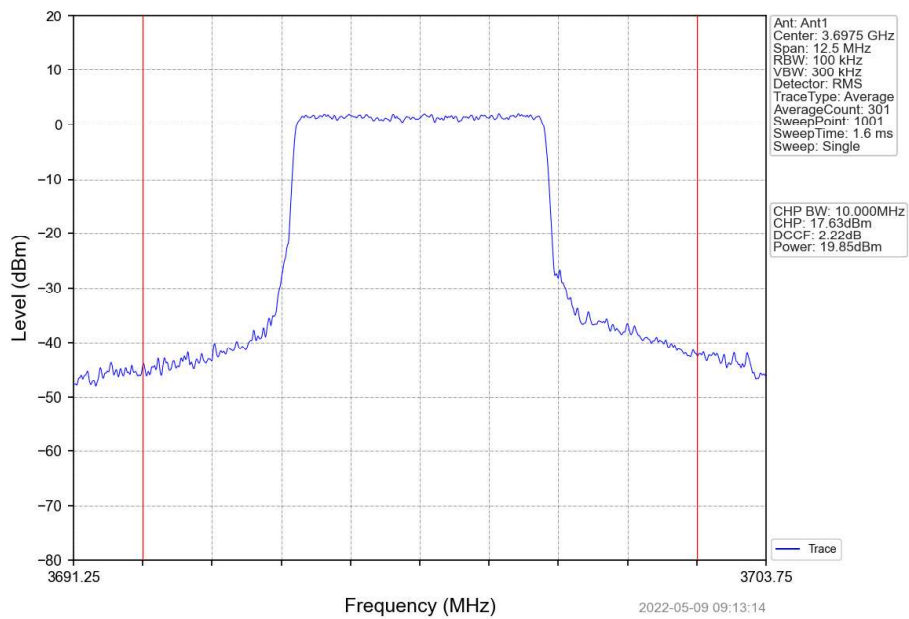
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_12_6_NTNV



Band48_5MHz_16QAM_HCH_3697.5MHz_RB_12_13_NTNV



Band48_5MHz_16QAM_HCH_3697.5MHz_RB_25_0_NTNV

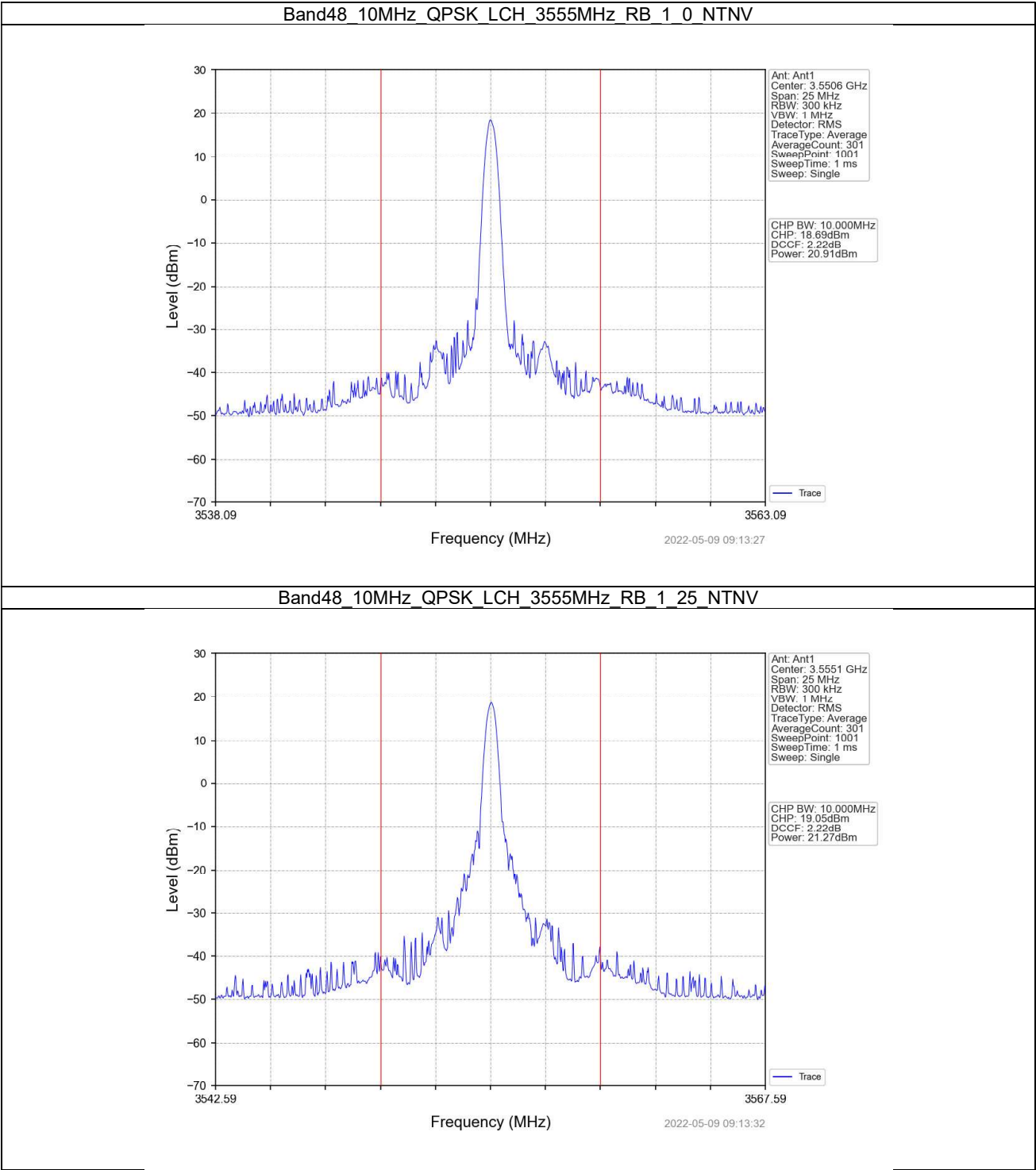


1.2 B48_10MHz_EIRP

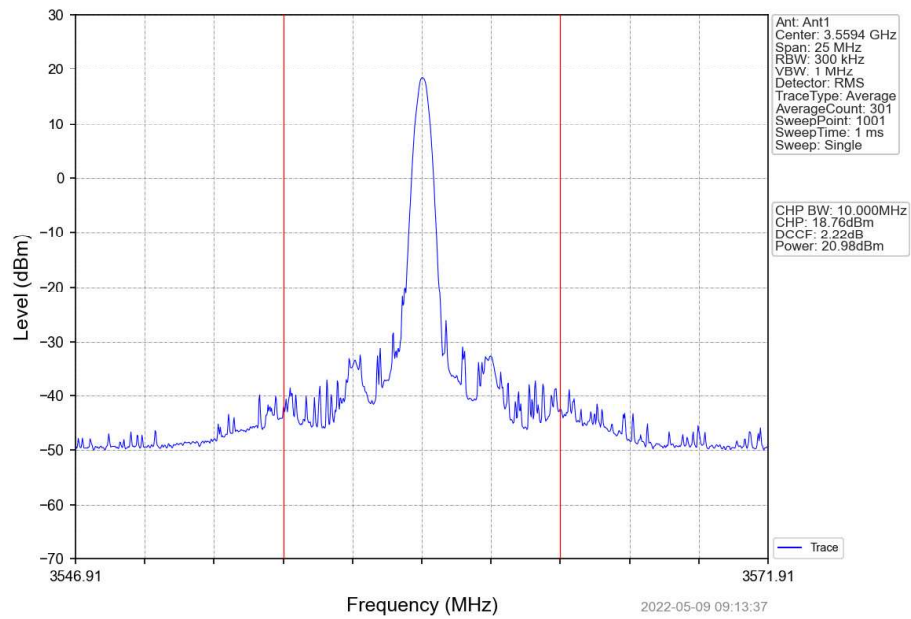
1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	20.91	-0.13	20.78	<=23	Pass		
			25	21.27	-0.13	21.14	<=23	Pass		
			49	20.98	-0.13	20.85	<=23	Pass		
		25	0	20.11	-0.13	19.98	<=23	Pass		
			13	20.20	-0.13	20.07	<=23	Pass		
			25	19.84	-0.13	19.71	<=23	Pass		
		50	0	20.27	-0.13	20.14	<=23	Pass		
		3625	1	0	21.27	-0.13	21.14	<=23	Pass	
				25	21.36	-0.13	21.23	<=23	Pass	
	49			21.20	-0.13	21.07	<=23	Pass		
	25		0	20.15	-0.13	20.02	<=23	Pass		
			13	20.53	-0.13	20.40	<=23	Pass		
			25	20.67	-0.13	20.54	<=23	Pass		
	50		0	20.20	-0.13	20.07	<=23	Pass		
	3695		1	0	21.78	-0.13	21.65	<=23	Pass	
				25	22.12	-0.13	21.99	<=23	Pass	
		49		22.02	-0.13	21.89	<=23	Pass		
		25	0	21.20	-0.13	21.07	<=23	Pass		
			13	21.14	-0.13	21.01	<=23	Pass		
			25	20.94	-0.13	20.81	<=23	Pass		
		50	0	21.24	-0.13	21.11	<=23	Pass		
		16QAM	3555	1	0	20.24	-0.13	20.11	<=23	Pass
					25	20.14	-0.13	20.01	<=23	Pass
	49				19.93	-0.13	19.80	<=23	Pass	
25	0			19.21	-0.13	19.08	<=23	Pass		
	13			19.17	-0.13	19.04	<=23	Pass		
	25			19.13	-0.13	19.00	<=23	Pass		
50	0			18.85	-0.13	18.72	<=23	Pass		
3625	1			0	20.15	-0.13	20.02	<=23	Pass	
				25	20.11	-0.13	19.98	<=23	Pass	
			49	20.55	-0.13	20.42	<=23	Pass		
	25		0	19.43	-0.13	19.30	<=23	Pass		
			13	19.57	-0.13	19.44	<=23	Pass		
			25	19.40	-0.13	19.27	<=23	Pass		
50	0		19.31	-0.13	19.18	<=23	Pass			
3695	1		0	20.76	-0.13	20.63	<=23	Pass		
			25	21.28	-0.13	21.15	<=23	Pass		
			49	20.93	-0.13	20.80	<=23	Pass		
	25		0	19.86	-0.13	19.73	<=23	Pass		
			13	20.19	-0.13	20.06	<=23	Pass		
			25	20.20	-0.13	20.07	<=23	Pass		
	50		0	20.36	-0.13	20.23	<=23	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

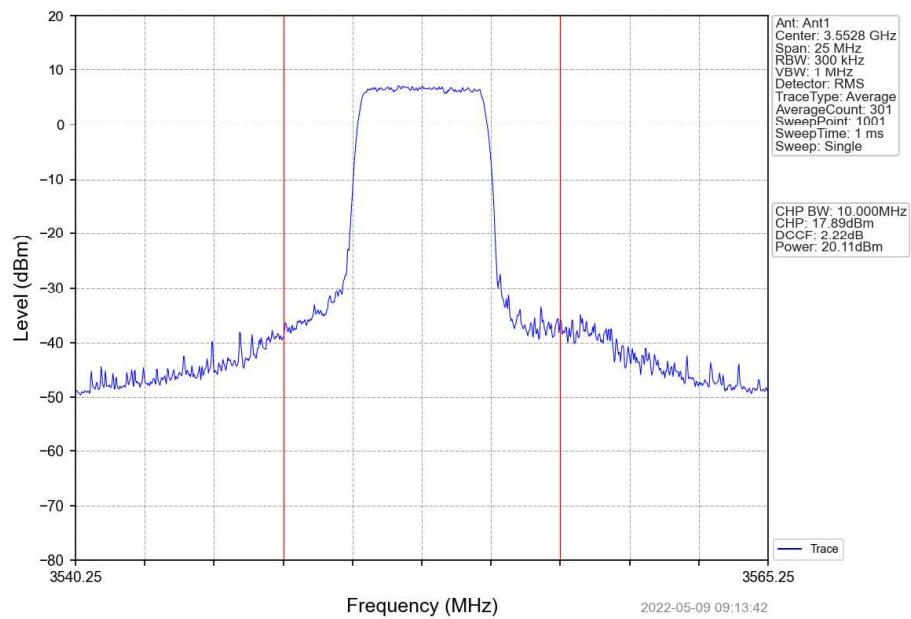
1.2.2 Test Graph



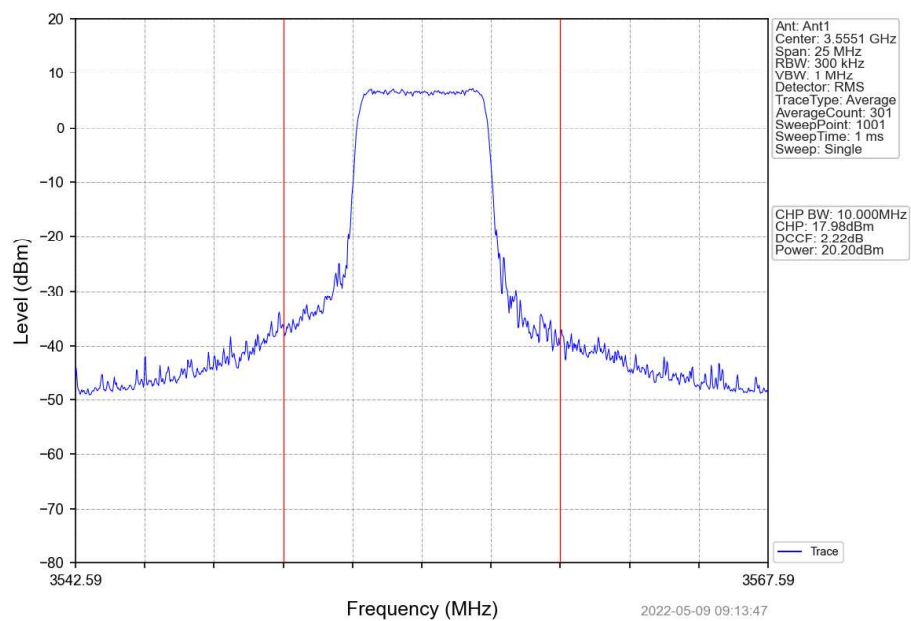
Band48_10MHz_QPSK_LCH_3555MHz_RB_1_49_NTNV



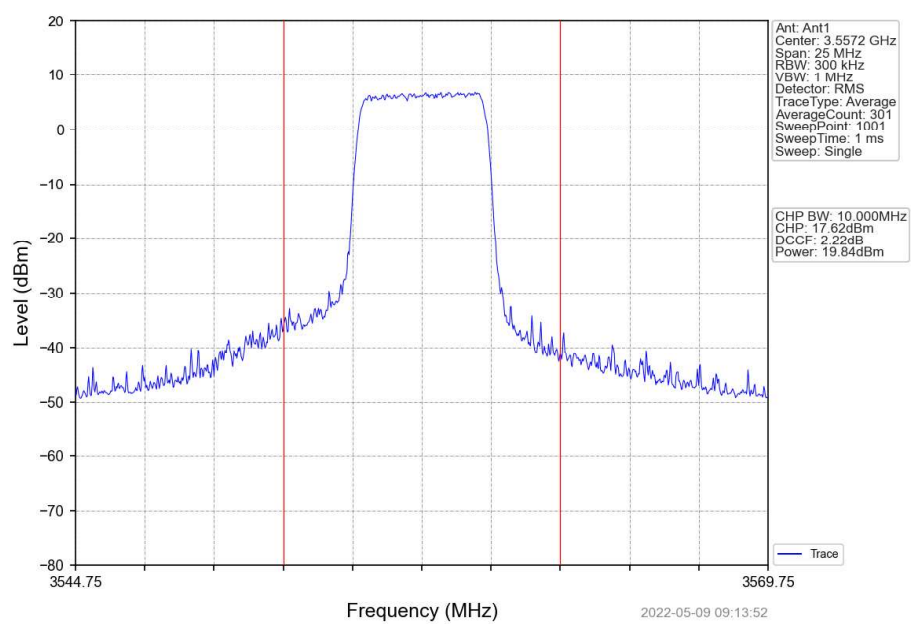
Band48_10MHz_QPSK_LCH_3555MHz_RB_25_0_NTNV



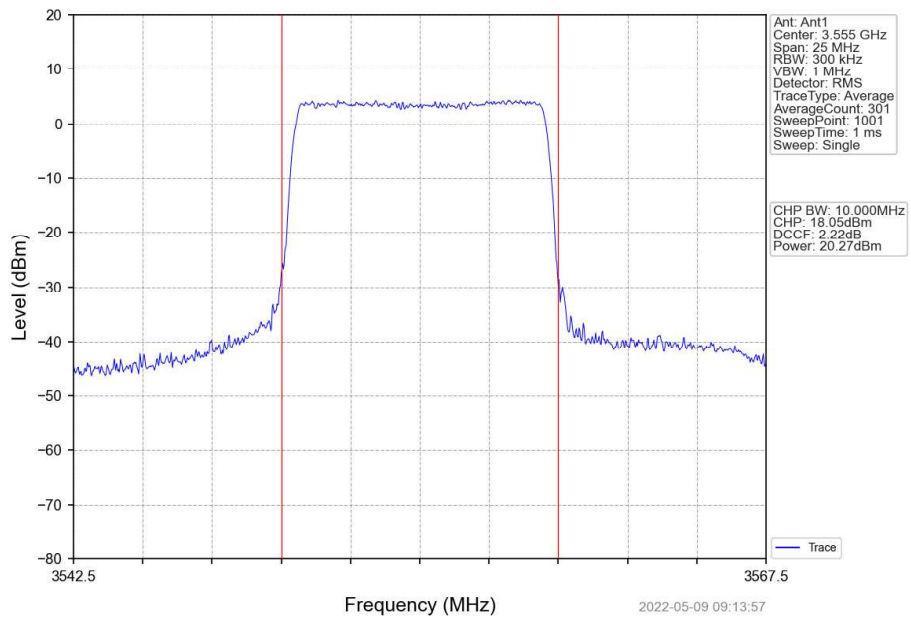
Band48_10MHz_QPSK_LCH_3555MHz_RB_25_13_NTNV



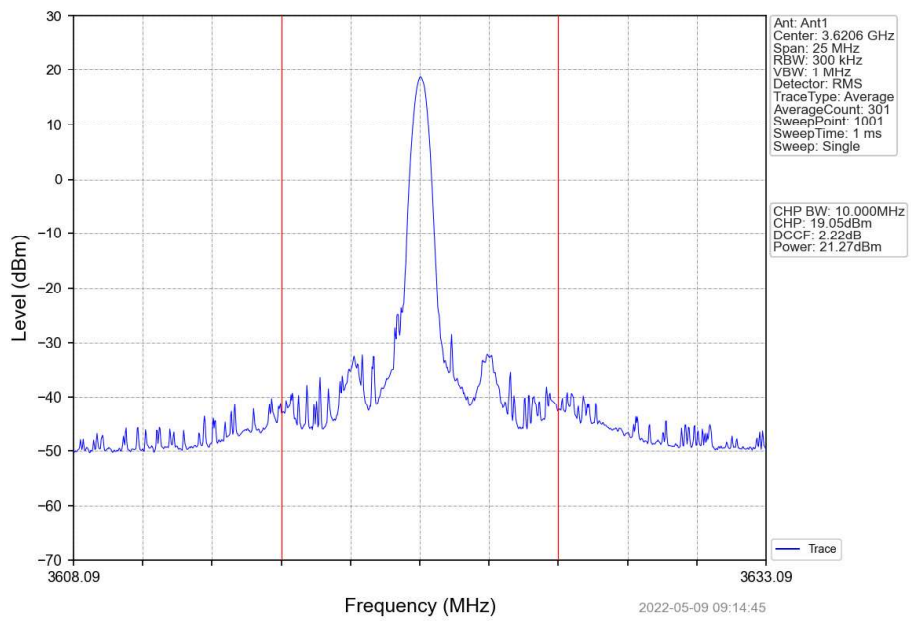
Band48_10MHz_QPSK_LCH_3555MHz_RB_25_25_NTNV



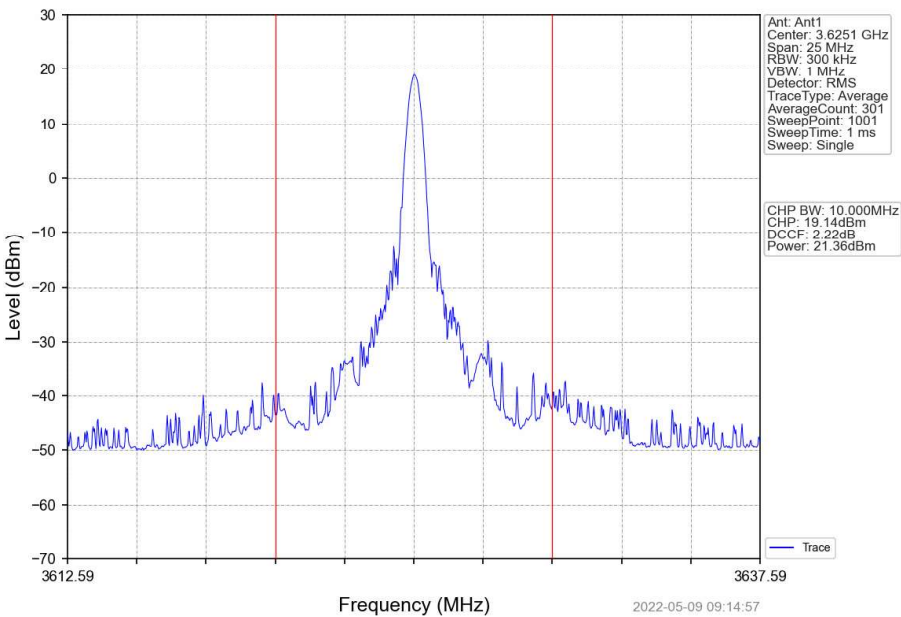
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



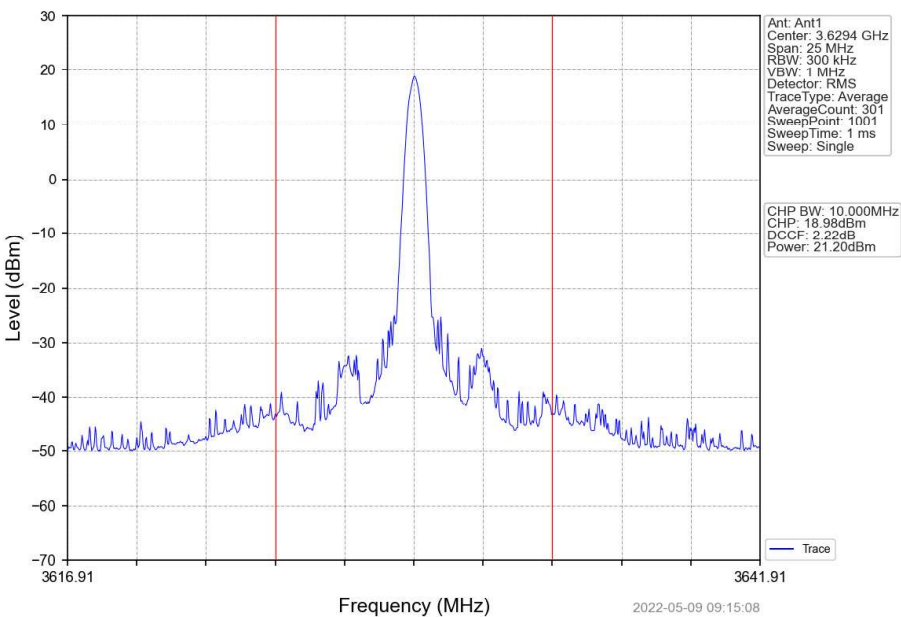
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



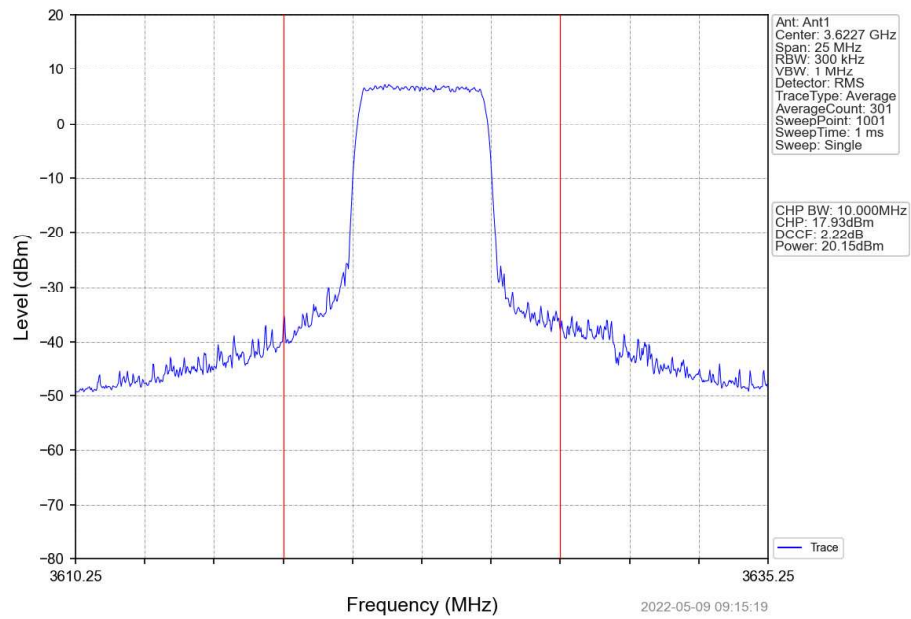
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_25_NTNV



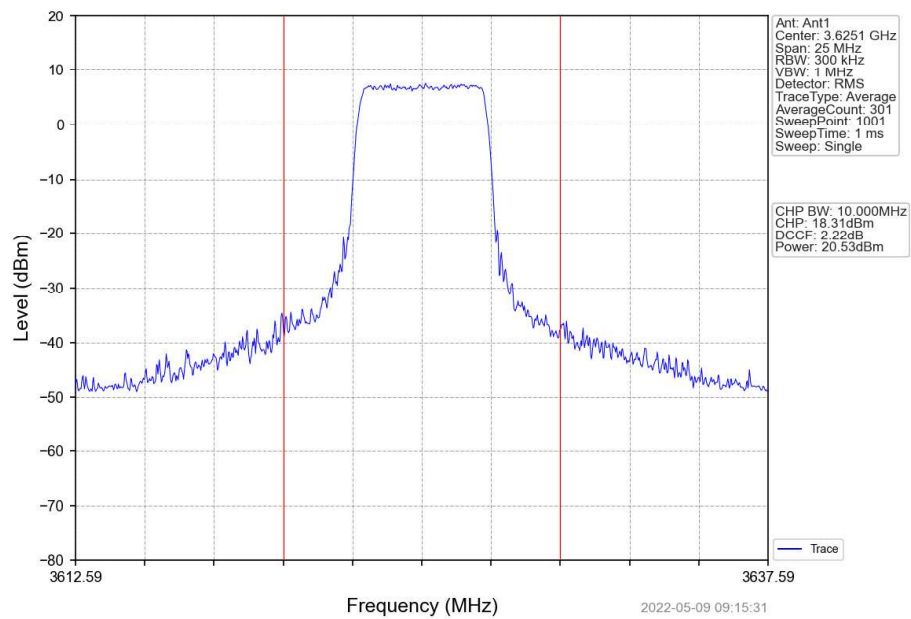
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_49_NTNV



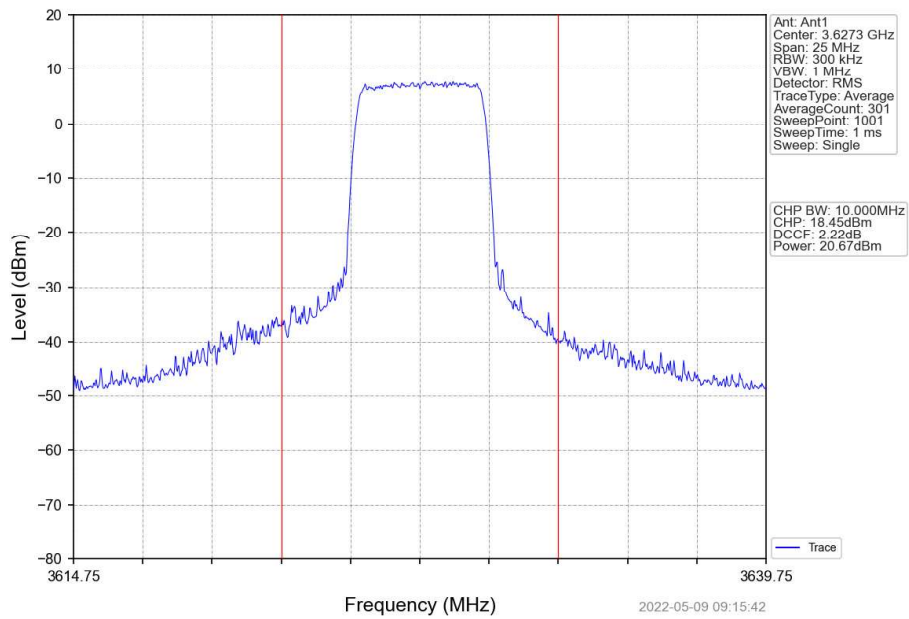
Band48_10MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV



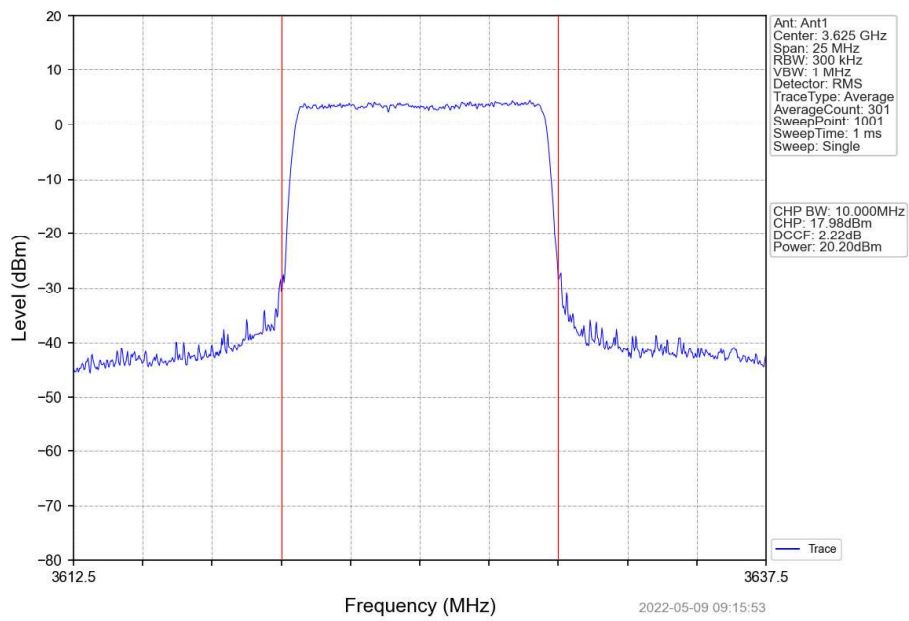
Band48_10MHz_QPSK_MCH_3625MHz_RB_25_13_NTNV



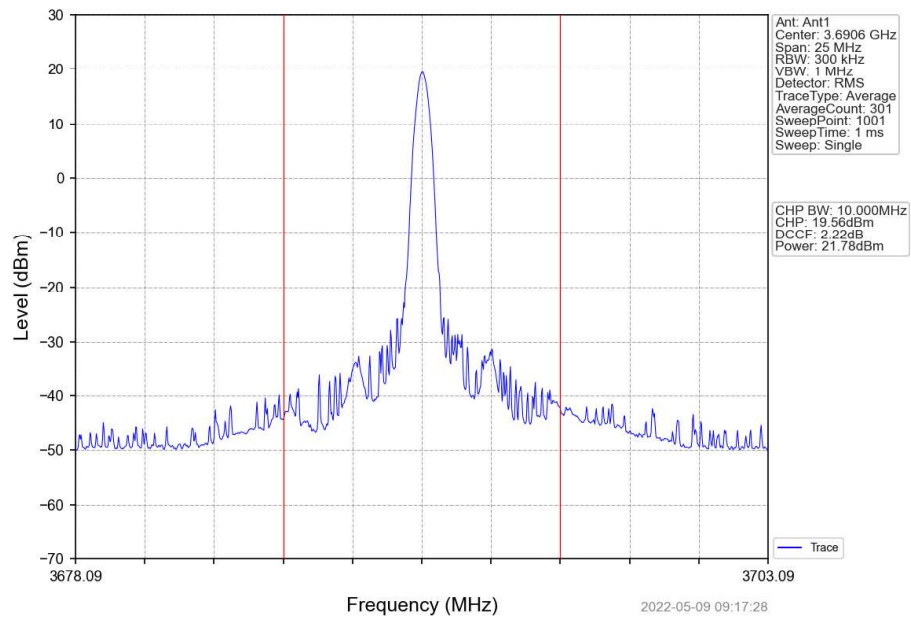
Band48_10MHz_QPSK_MCH_3625MHz_RB_25_25_NTNV



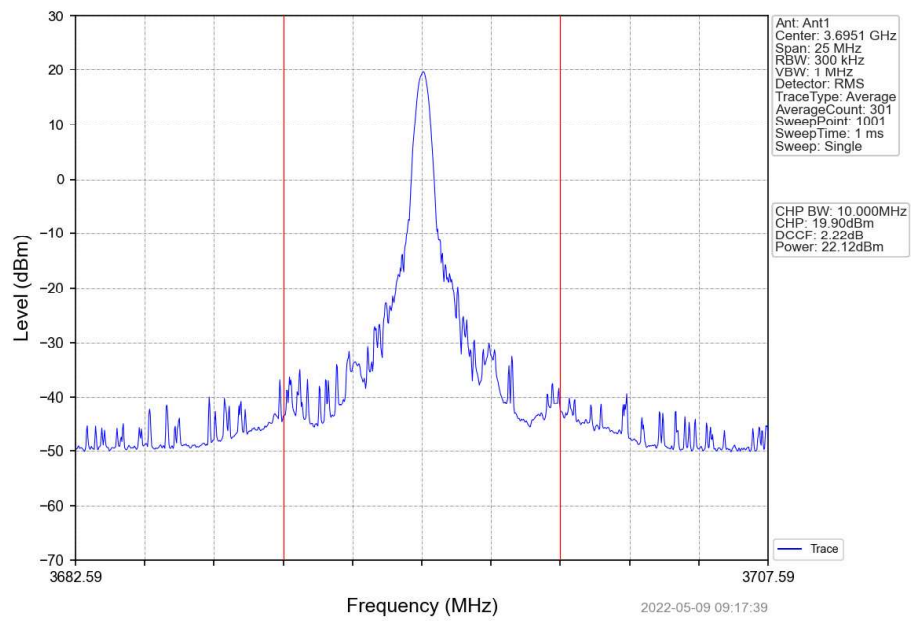
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



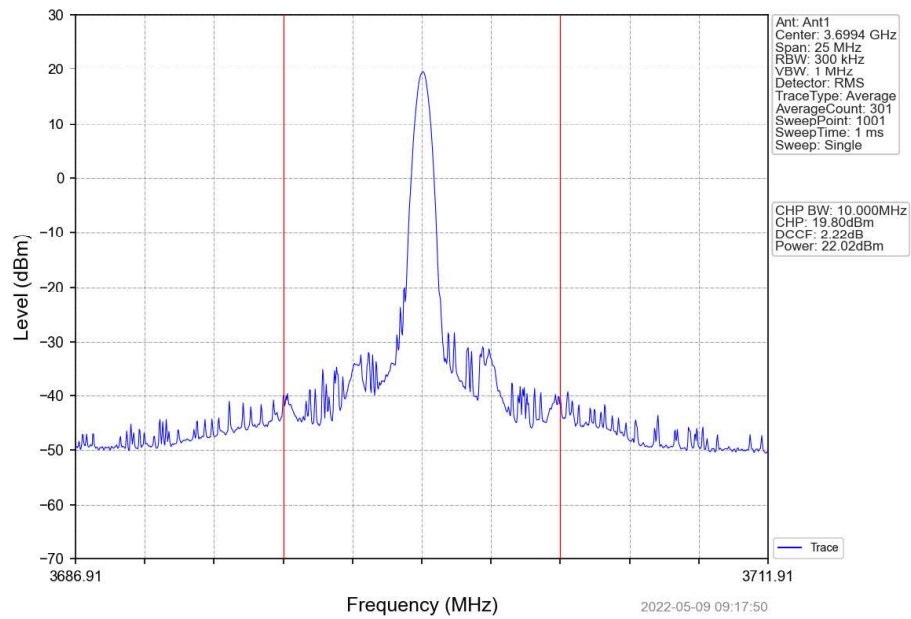
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



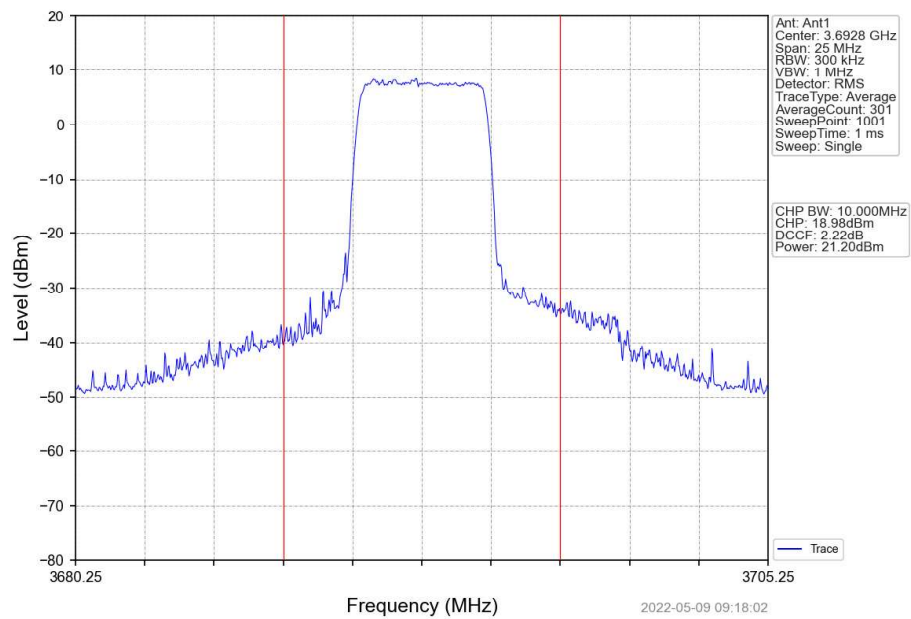
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_25_NTNV



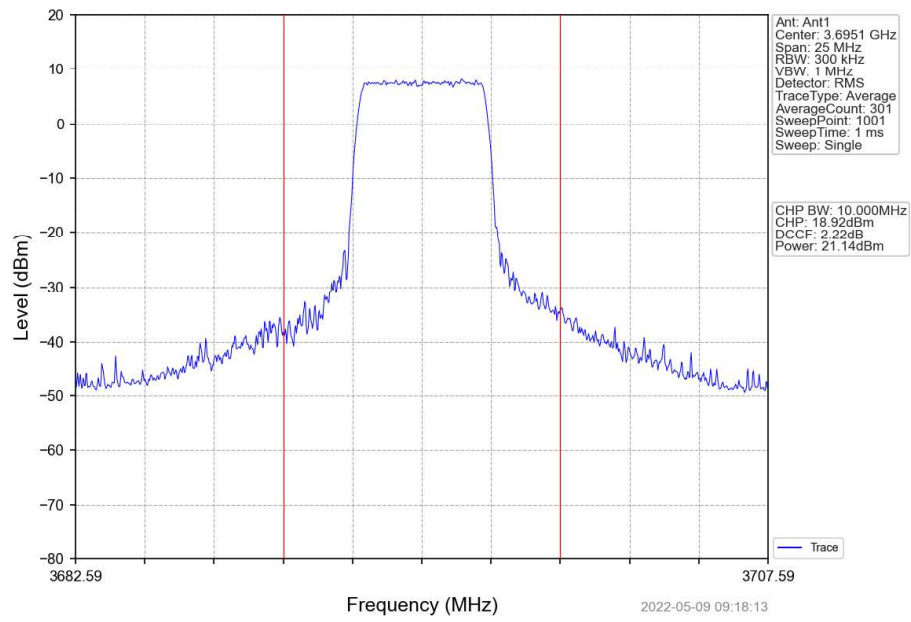
Band48_10MHz_QPSK_HCH_3695MHz_RB 1 49 NTN



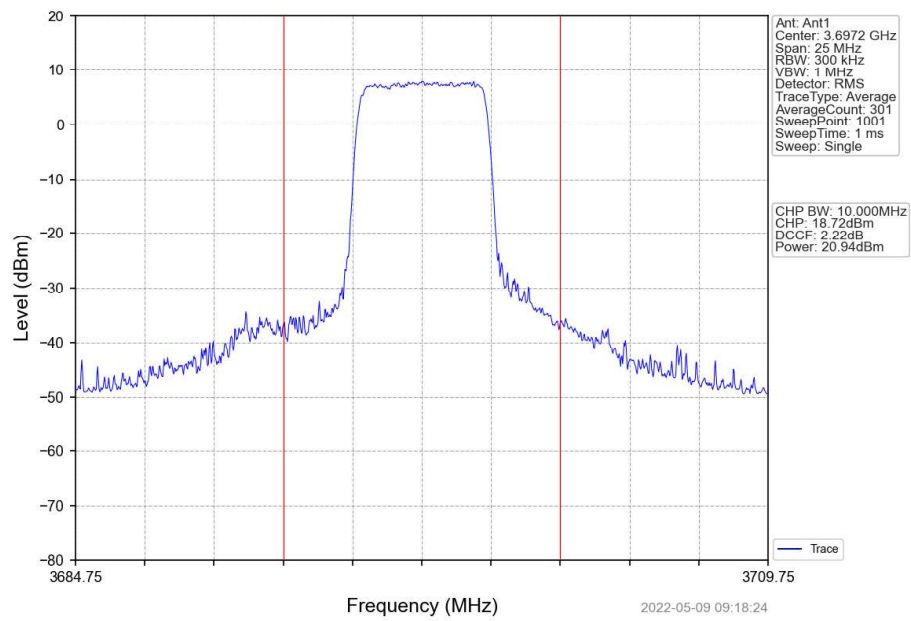
Band48_10MHz_QPSK_HCH_3695MHz_RB 25 0 NTN



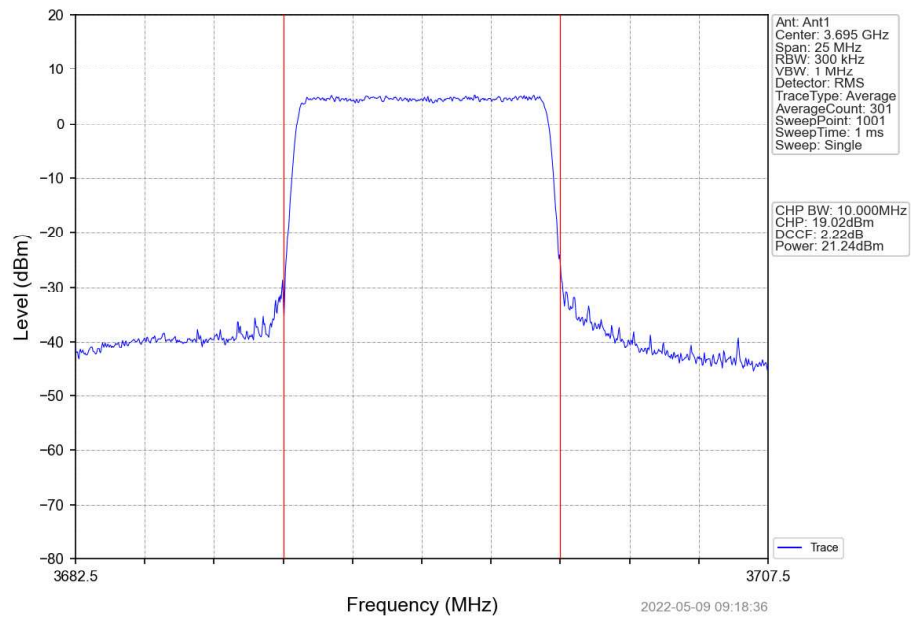
Band48_10MHz_QPSK_HCH_3695MHz_RB_25_13_NTNV



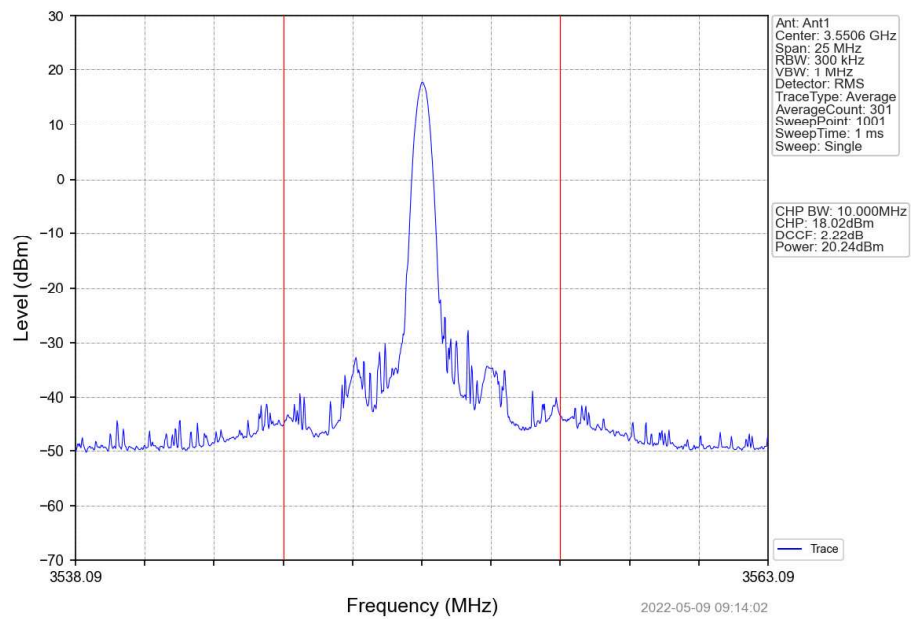
Band48_10MHz_QPSK_HCH_3695MHz_RB_25_25_NTNV



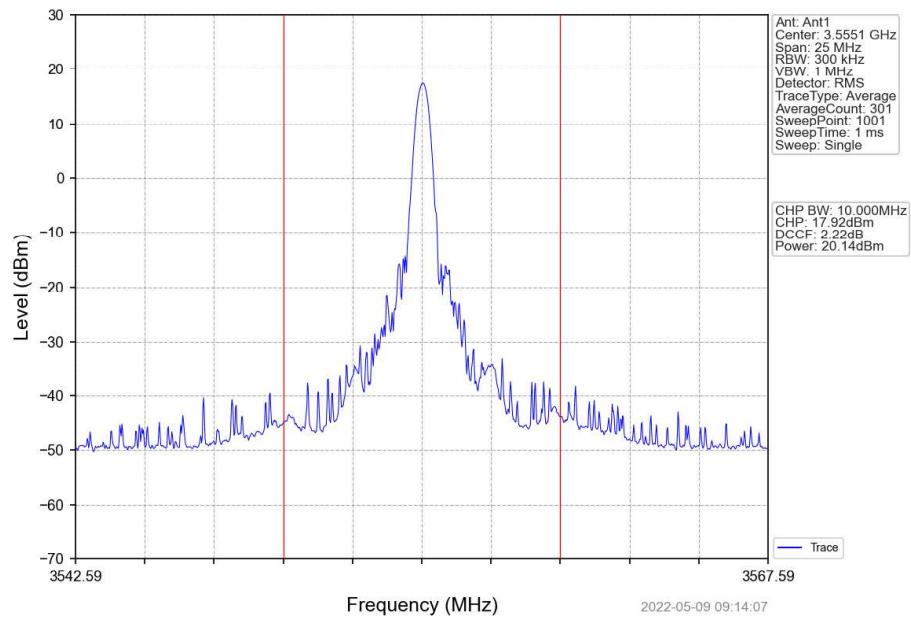
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



Band48_10MHz_16QAM_LCH_3555MHz_RB_1_0_NTNV



Band48_10MHz_16QAM_LCH_3555MHz_RB_1_25_NTNV



Band48_10MHz_16QAM_LCH_3555MHz_RB_1_49_NTNV

