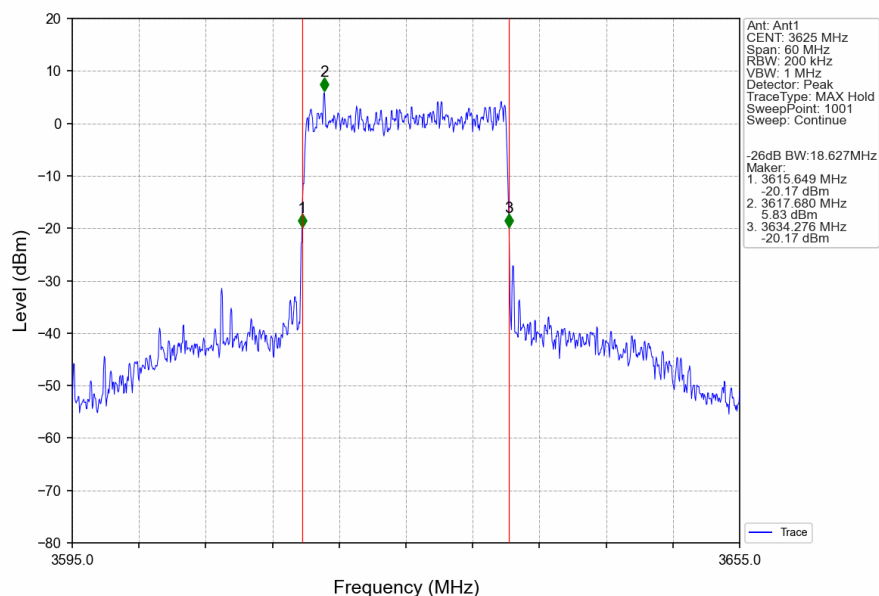
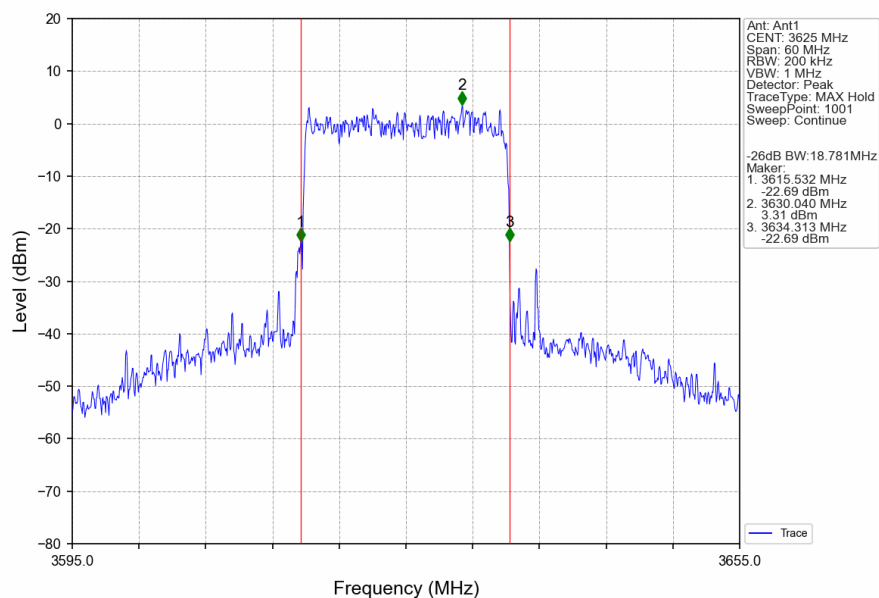


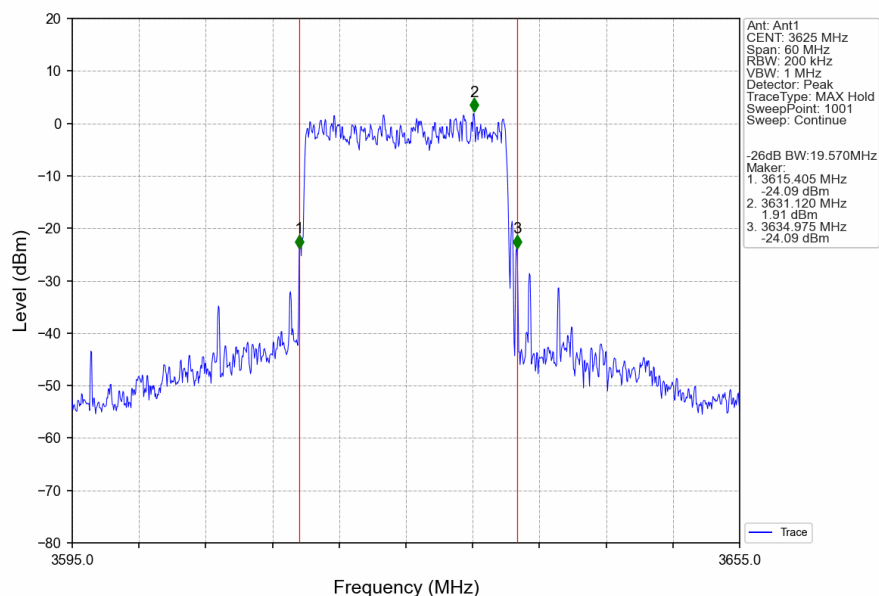
Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



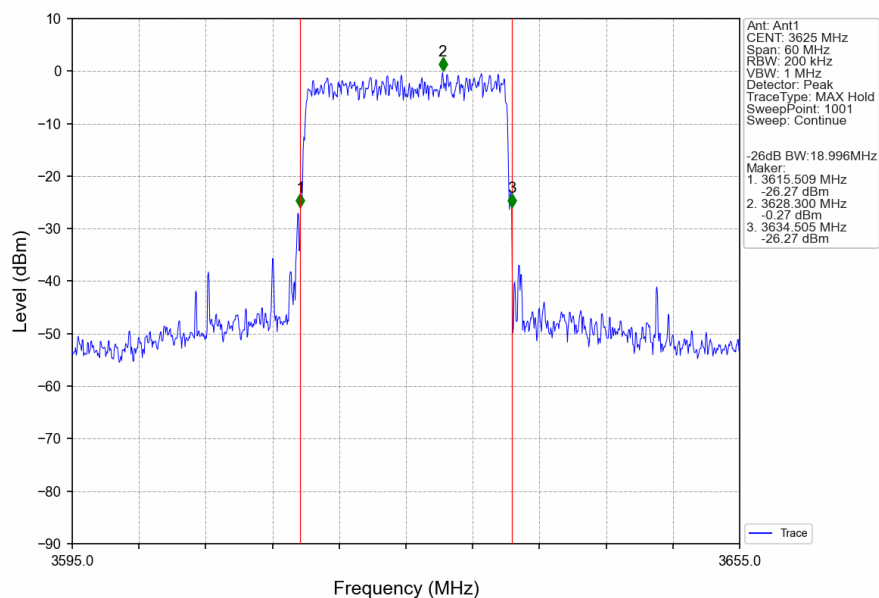
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV





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4. Peak-Average Ratio

4.1 Test Result

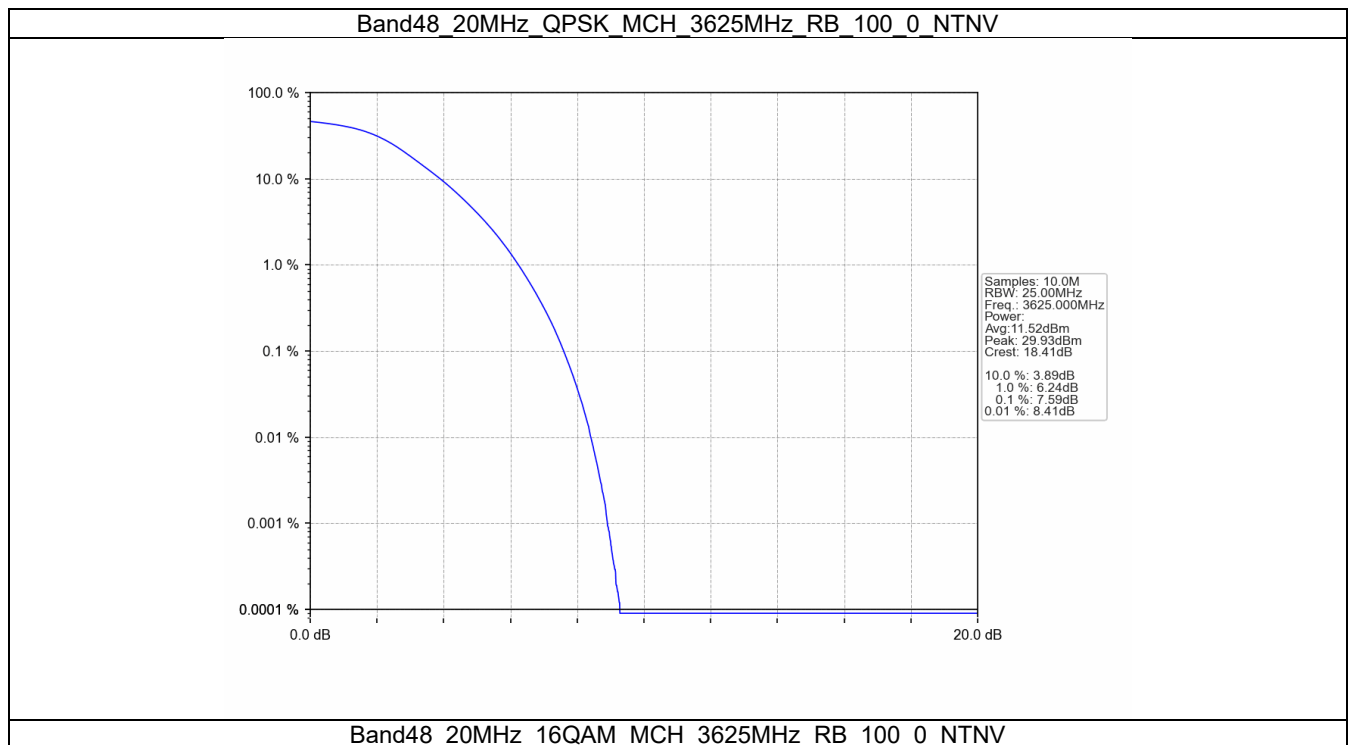
4.1.1 B48_20MHz

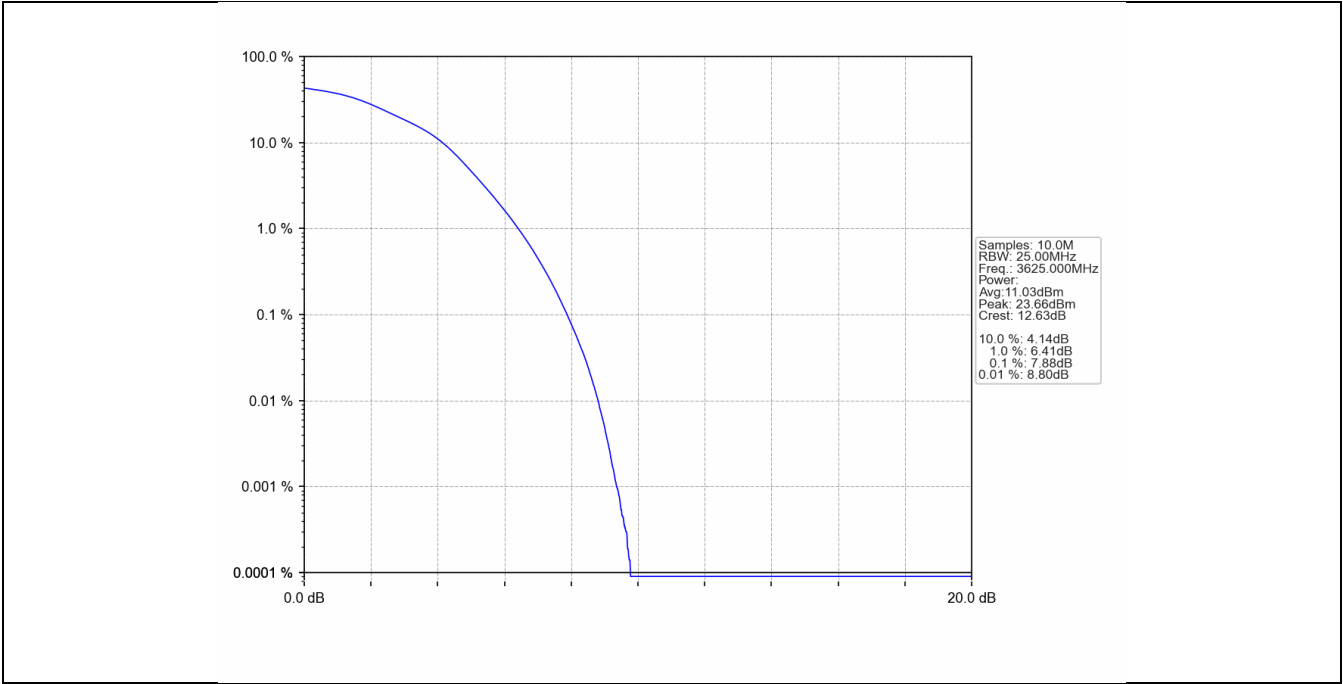
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	100	0	7.59	<=13	Pass
16QAM	3625	100	0	7.88	<=13	Pass
64QAM	3625	100	0	8.34	<=13	Pass
256QAM	3625	100	0	9.06	<=13	Pass



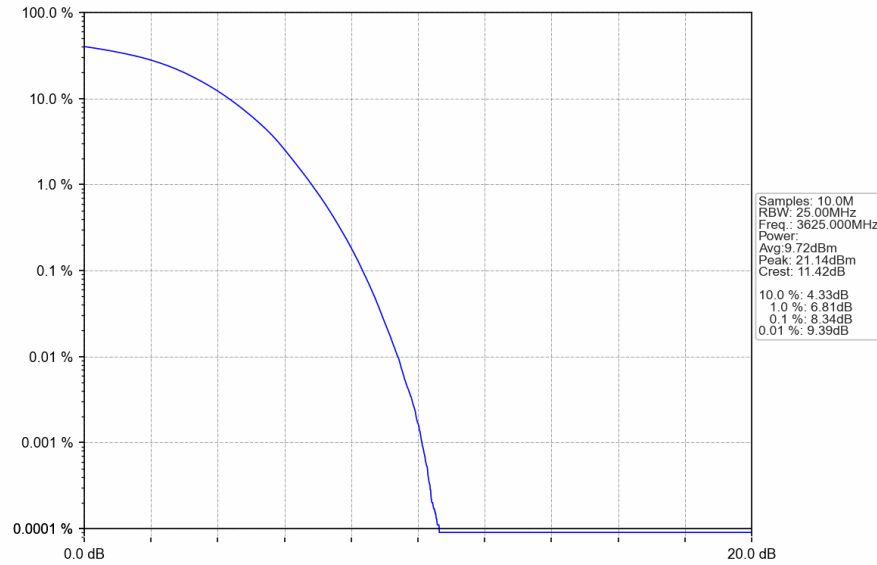
4.2 Test Graph

4.2.1 B48_20MHz

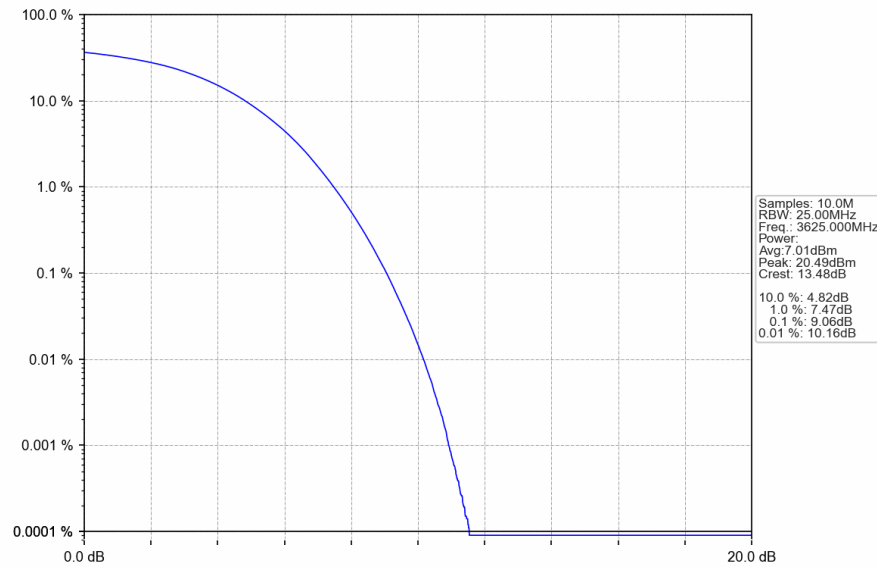




Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV





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5. Spurious Emission

5.1 Test Result

5.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B48_15MHz

Band: 48 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B48_20MHz

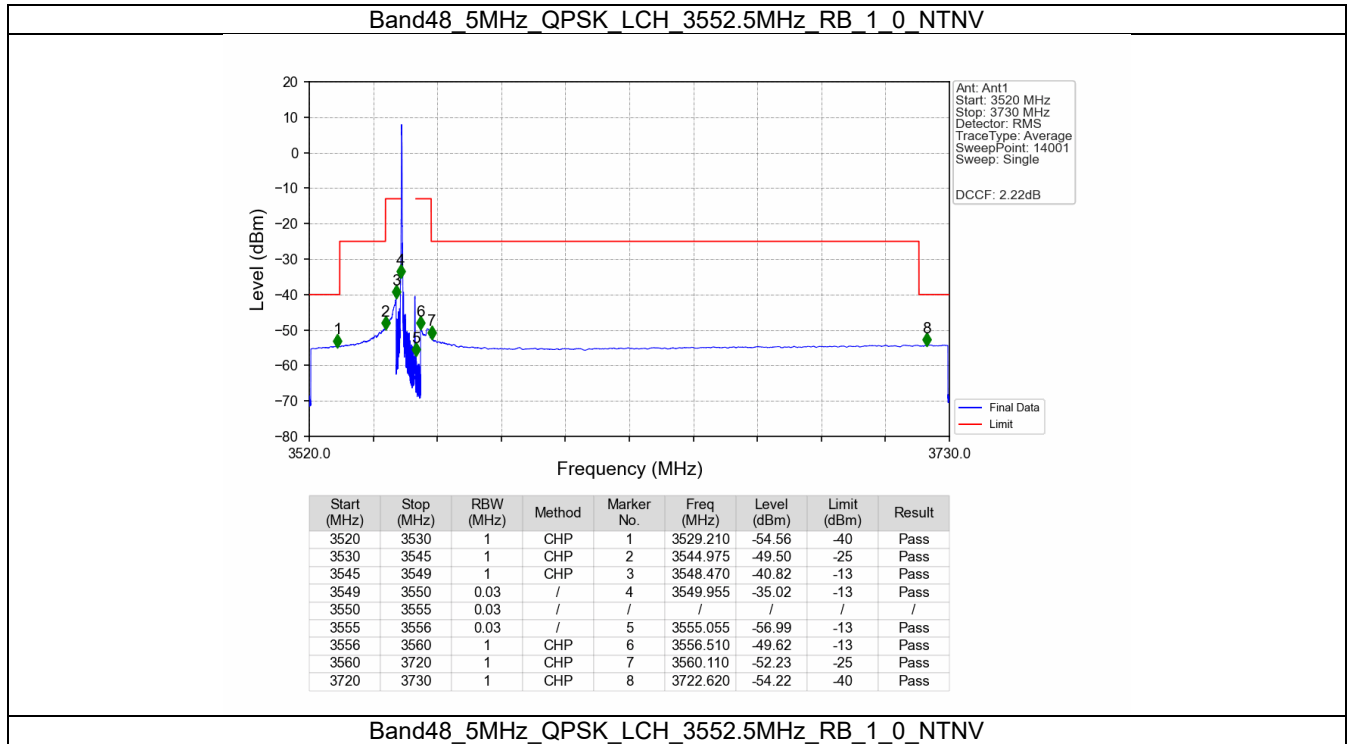
Band: 48 / Bandwidth: 20MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

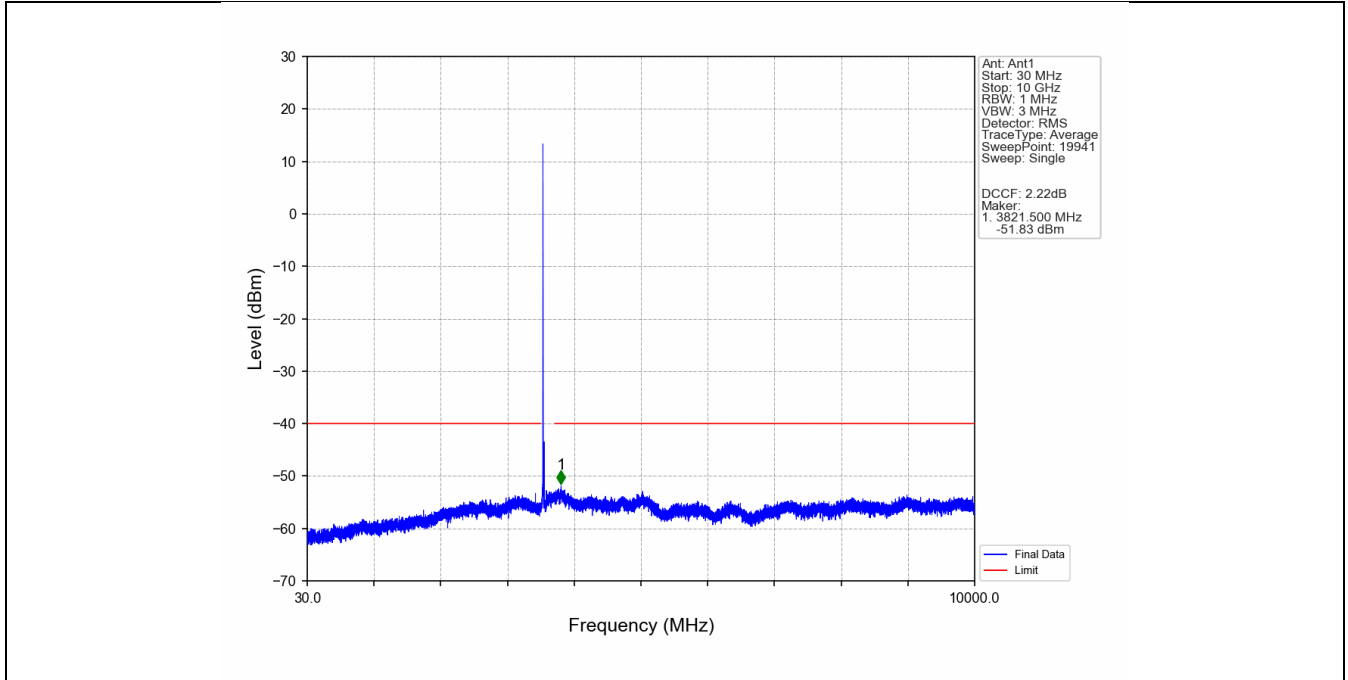


	(MHz)	Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

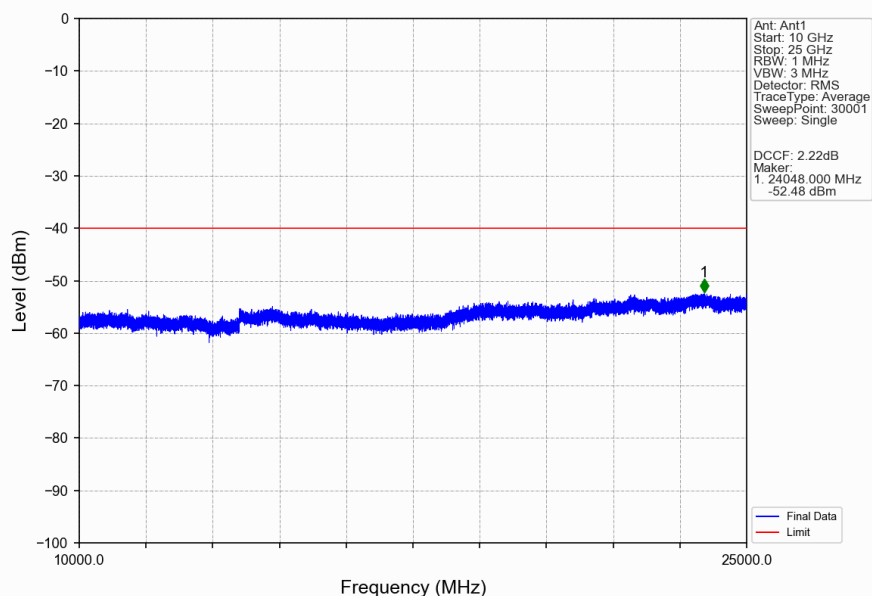
5.2 Test Graph

5.2.1 B48_5MHz

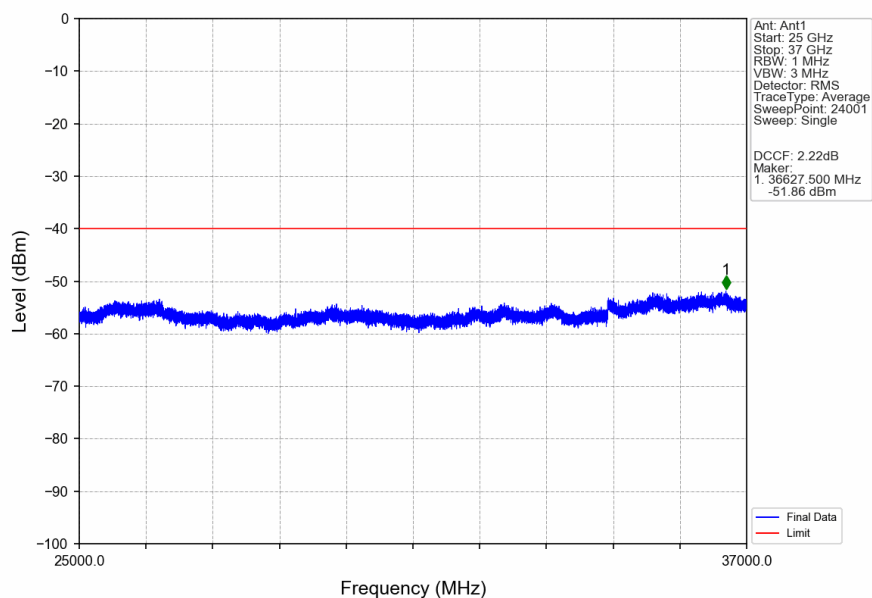




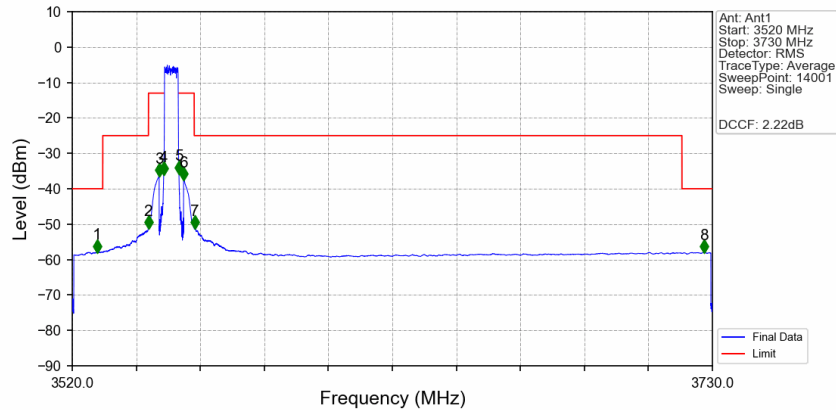
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV

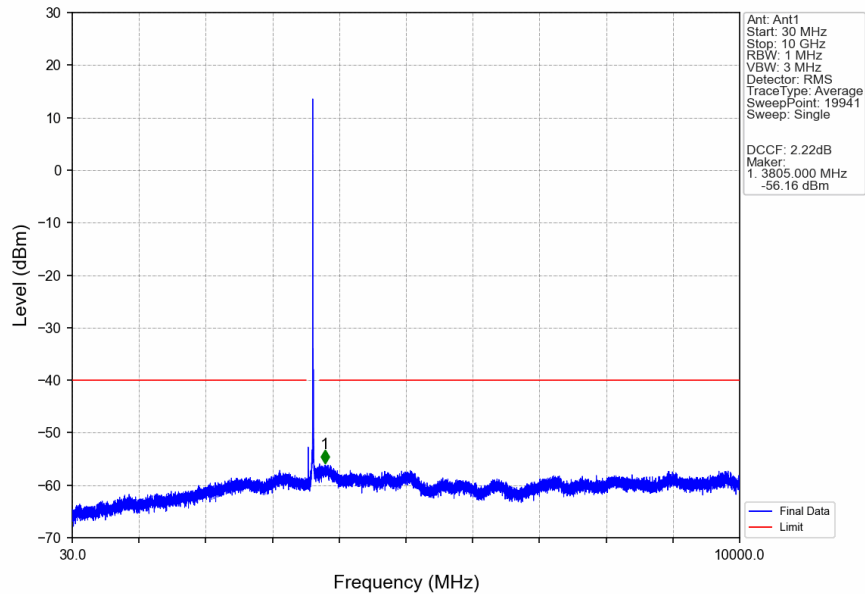


Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV

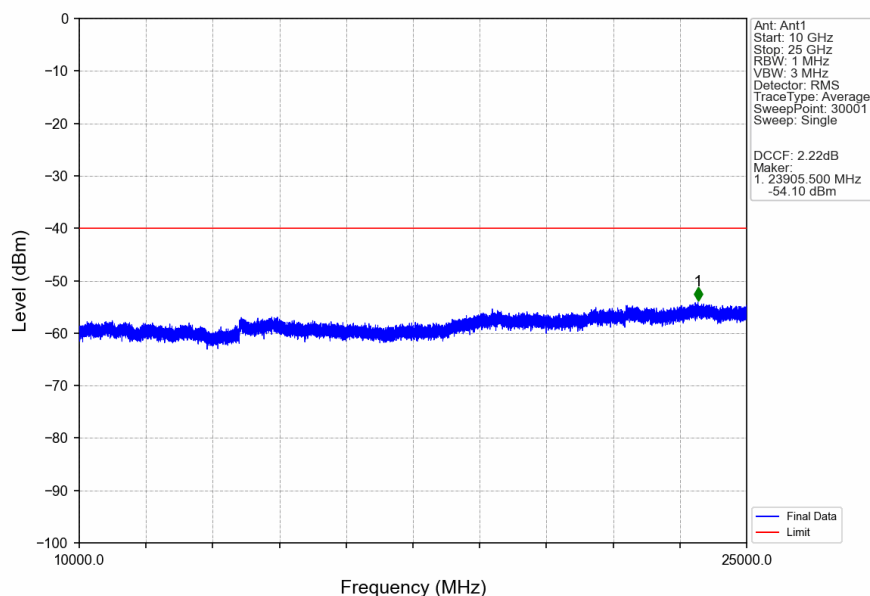


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.190	-57.76	-40	Pass
3530	3545	1	CHP	2	3544.975	-50.97	-25	Pass
3545	3549	1	CHP	3	3548.500	-36.24	-13	Pass
3549	3550	0.052	CHP	4	3549.985	-35.80	-13	Pass
3550	3555	0.052	CHP	/	/	/	/	/
3555	3556	0.052	CHP	5	3555.010	-35.51	-13	Pass
3556	3560	1	CHP	6	3556.525	-37.41	-13	Pass
3560	3720	1	CHP	7	3560.200	-50.98	-25	Pass
3720	3730	1	CHP	8	3727.150	-57.87	-40	Pass

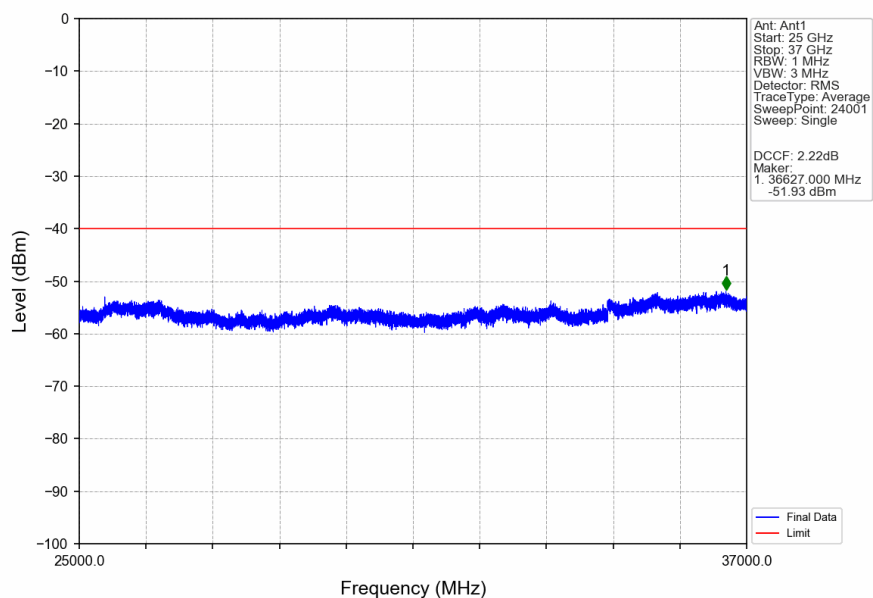
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



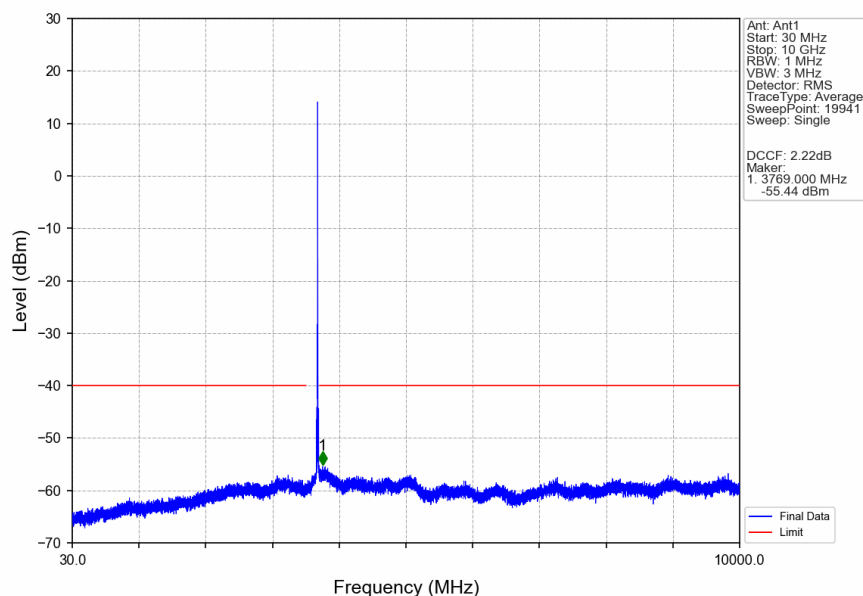
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



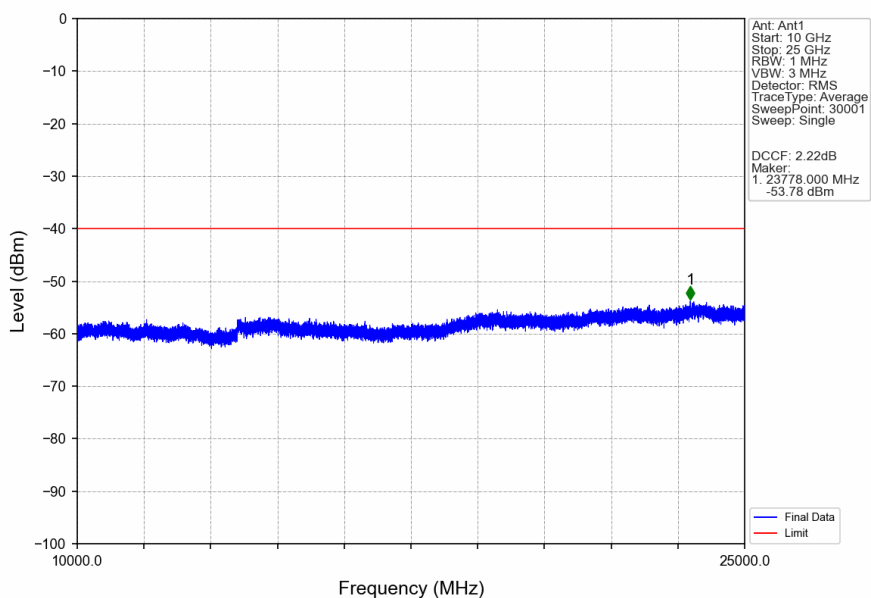
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



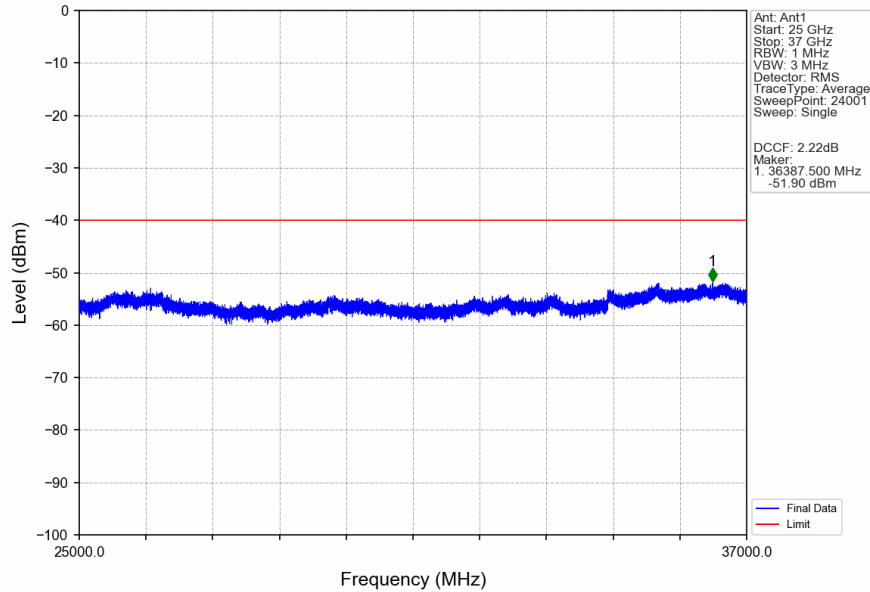
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



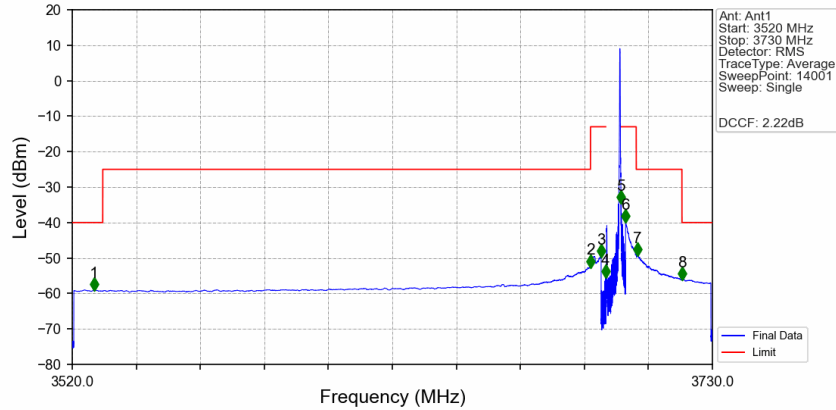
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV

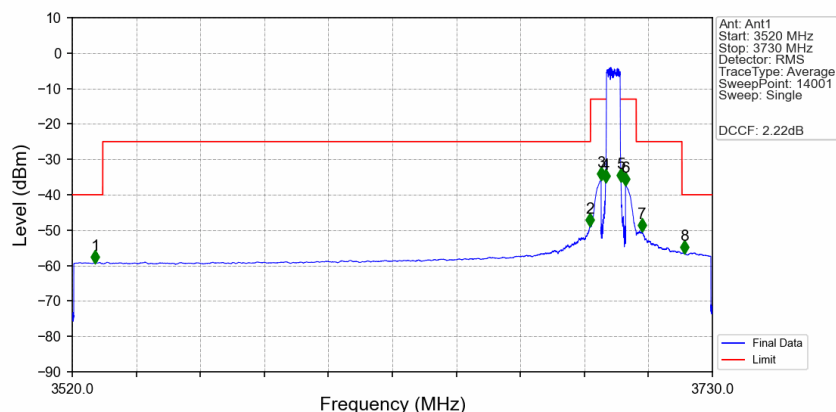


Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_24_NTNV



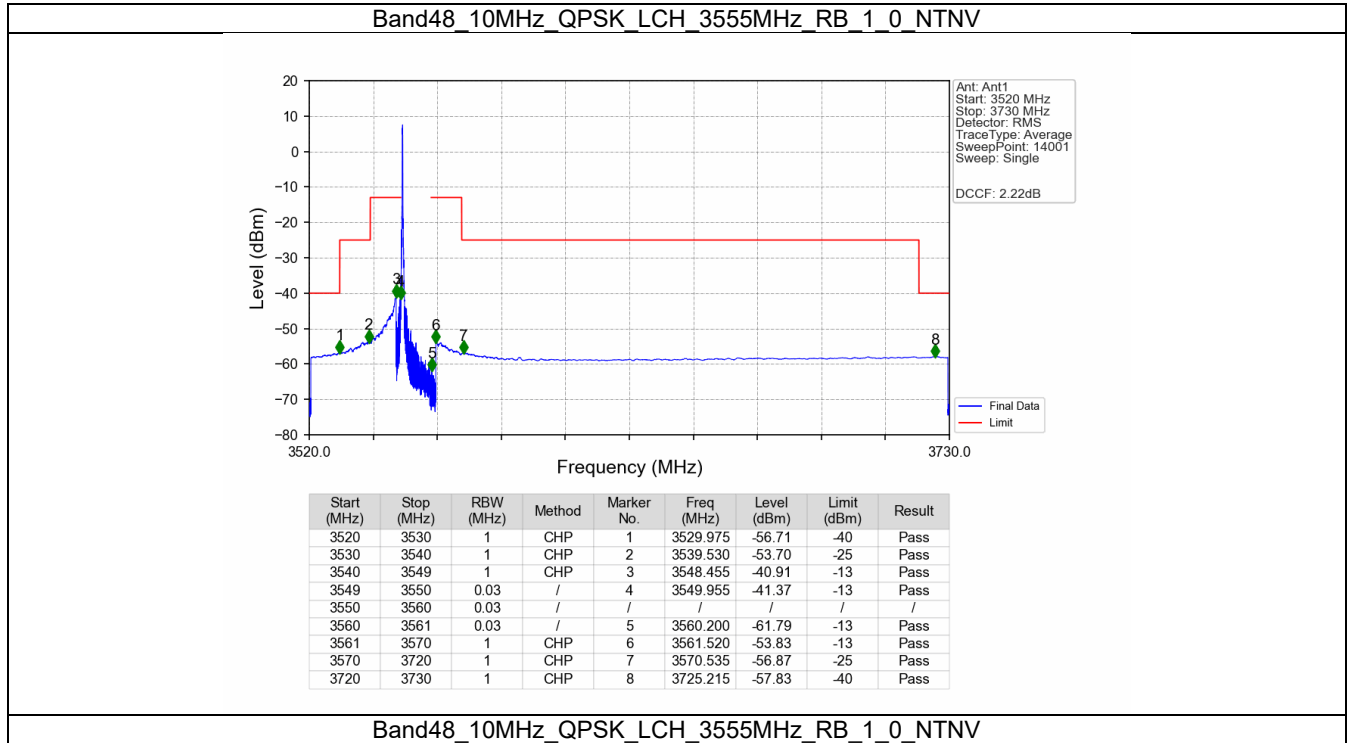
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.125	-58.99	-40	Pass
3530	3690	1	CHP	2	3689.980	-52.43	-25	Pass
3690	3694	1	CHP	3	3693.490	-49.56	-13	Pass
3694	3695	0.03	/	4	3694.930	-55.37	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.060	-34.32	-13	Pass
3701	3705	1	CHP	6	3701.545	-39.76	-13	Pass
3705	3720	1	CHP	7	3705.445	-49.15	-25	Pass
3720	3730	1	CHP	8	3720.115	-55.93	-40	Pass

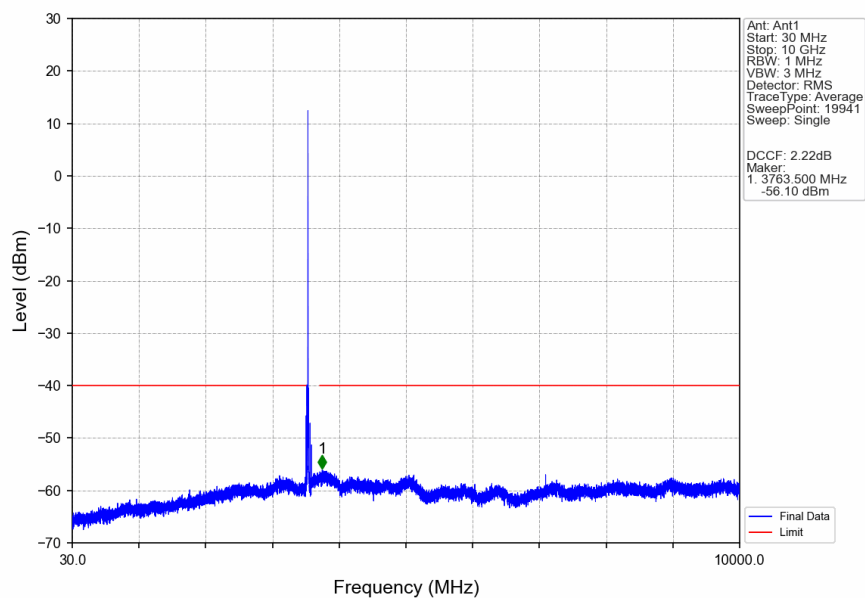
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



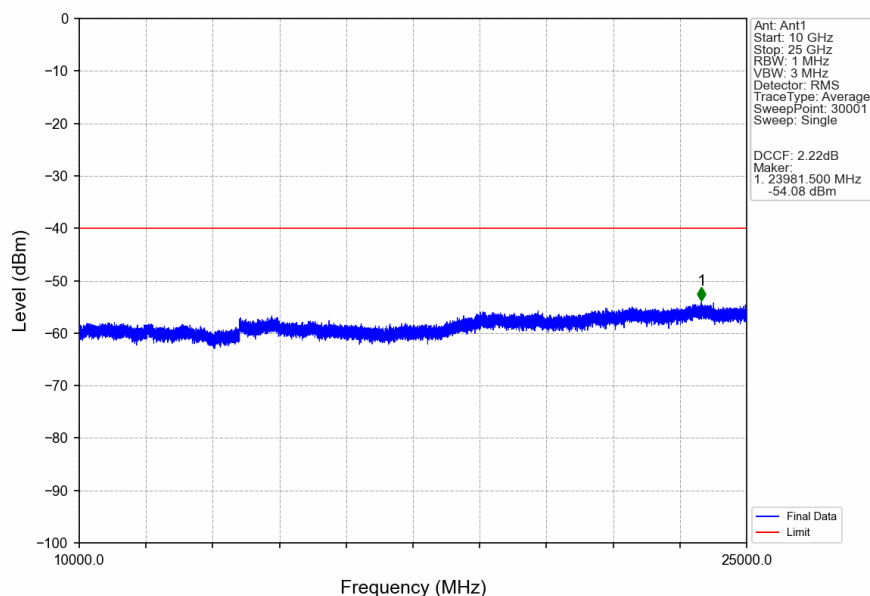
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.485	-59.12	-40	Pass
3530	3690	1	CHP	2	3689.905	-48.59	-25	Pass
3690	3694	1	CHP	3	3693.490	-35.69	-13	Pass
3694	3695	0.052	CHP	4	3694.990	-36.29	-13	Pass
3695	3700	0.052	CHP	/	/	/	/	/
3700	3701	0.052	CHP	5	3700.015	-36.04	-13	Pass
3701	3705	1	CHP	6	3701.500	-37.15	-13	Pass
3705	3720	1	CHP	7	3706.795	-50.19	-25	Pass
3720	3730	1	CHP	8	3720.700	-56.39	-40	Pass

5.2.2 B48_10MHz

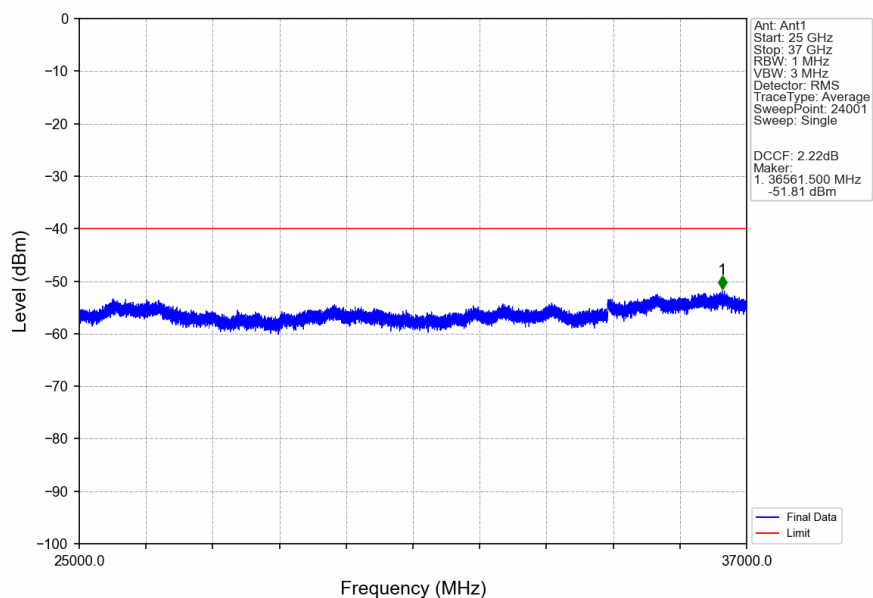




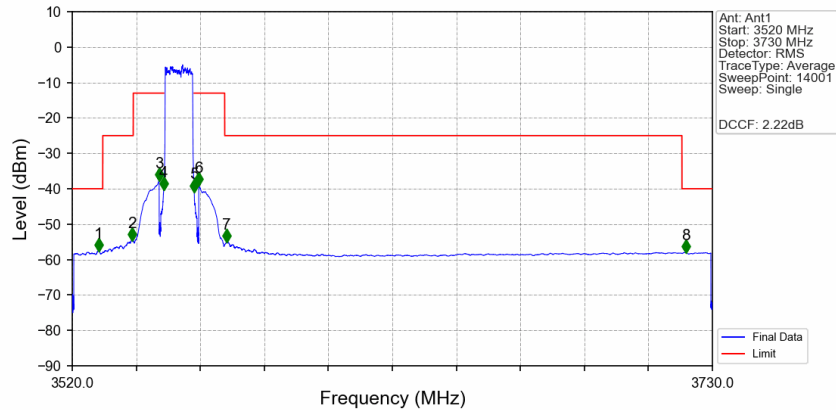
Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV



Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV

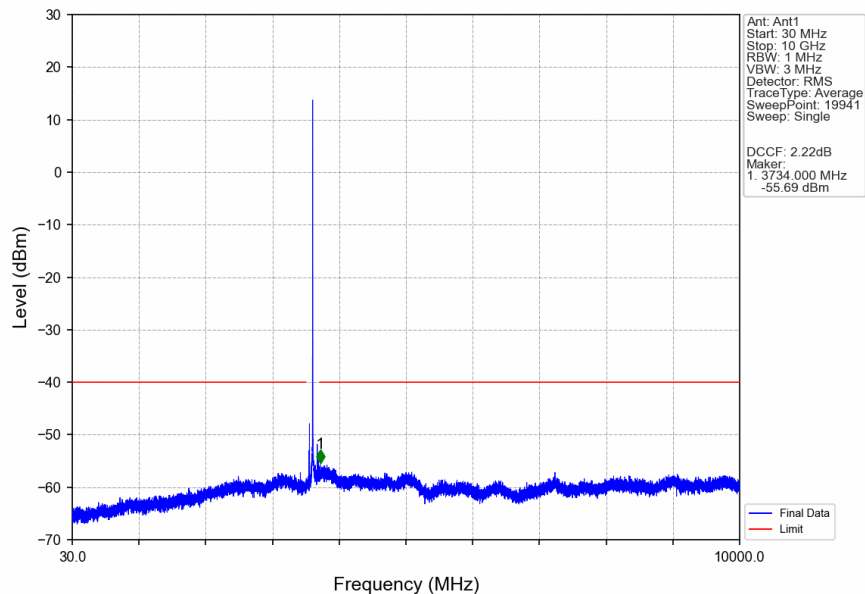


Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV

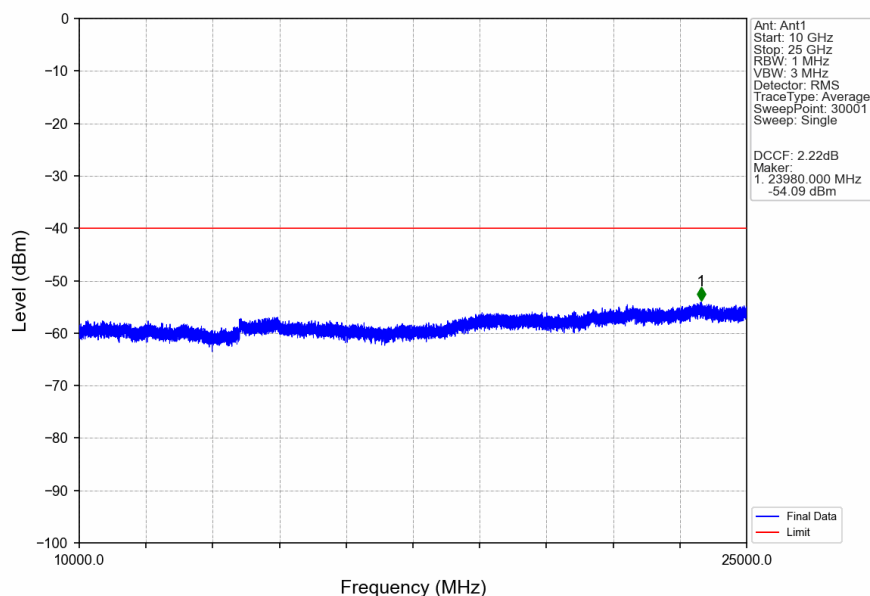


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.685	-57.44	-40	Pass
3530	3540	1	CHP	2	3539.590	-54.42	-25	Pass
3540	3549	1	CHP	3	3548.500	-37.56	-13	Pass
3549	3550	0.102	CHP	4	3549.985	-40.06	-13	Pass
3550	3560	0.102	CHP	/	/	/	/	/
3560	3561	0.102	CHP	5	3560.005	-40.67	-13	Pass
3561	3570	1	CHP	6	3561.505	-38.85	-13	Pass
3570	3720	1	CHP	7	3570.670	-54.91	-25	Pass
3720	3730	1	CHP	8	3721.195	-57.92	-40	Pass

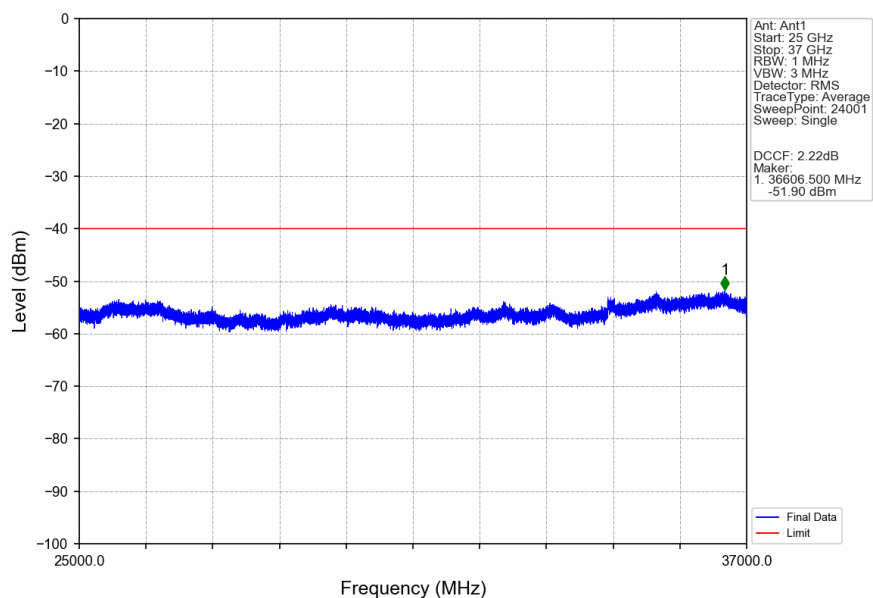
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



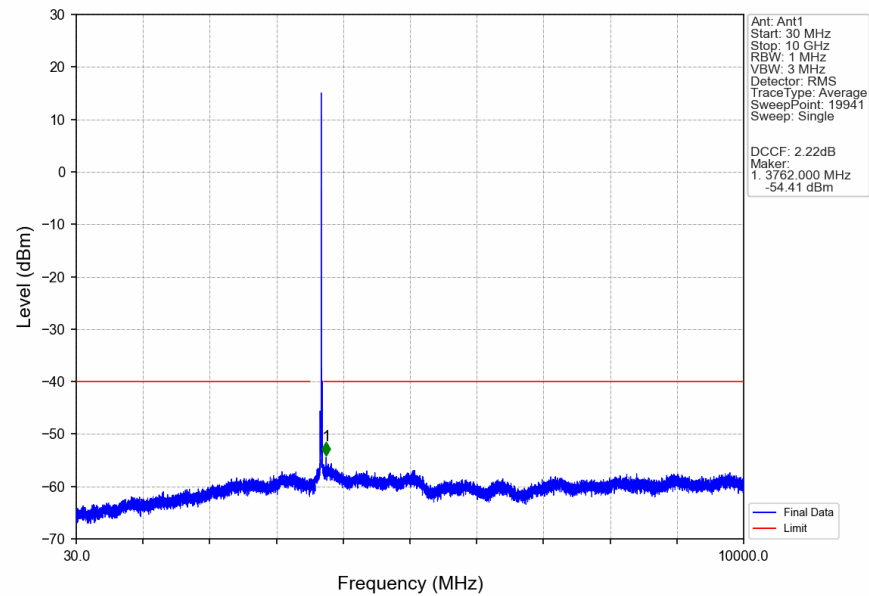
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



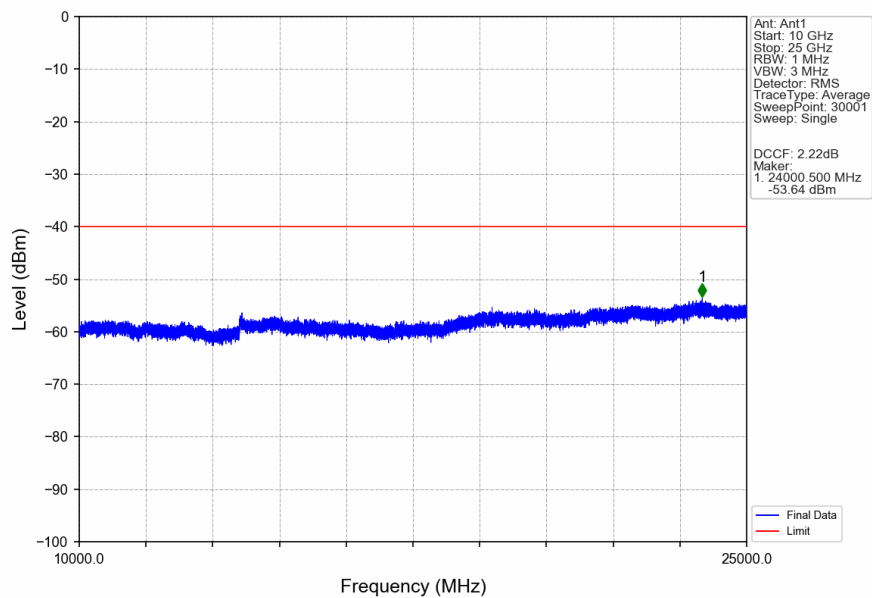
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



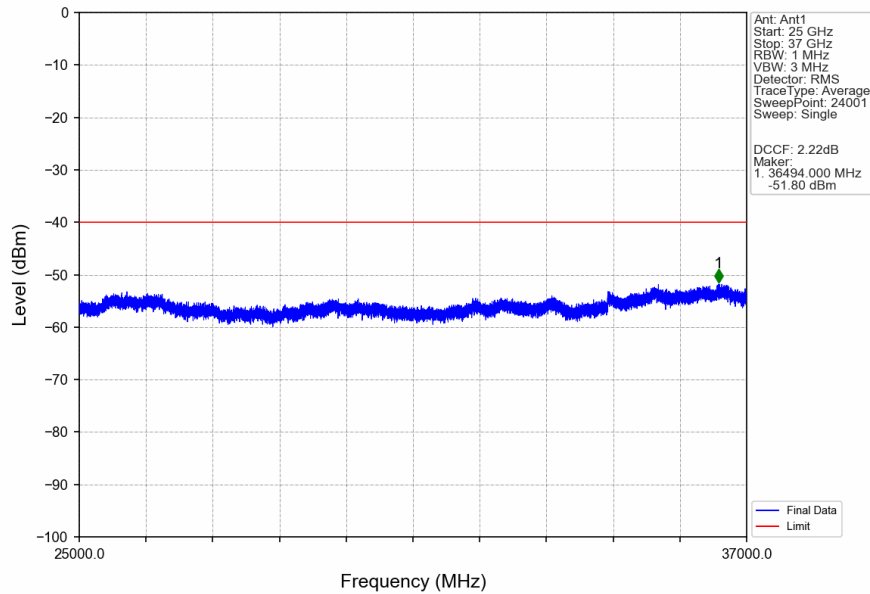
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



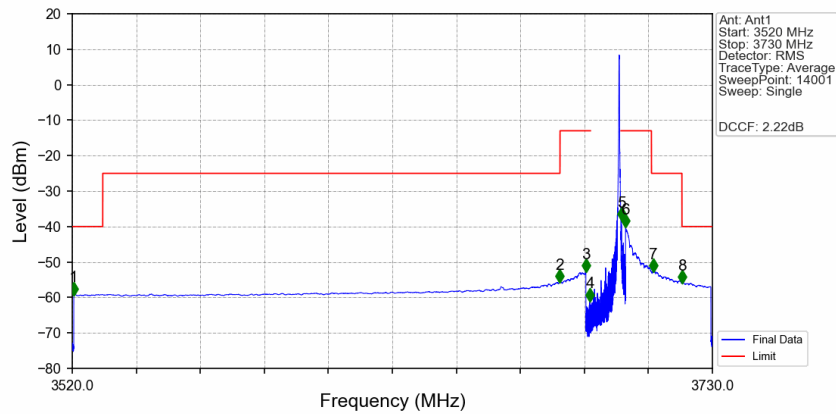
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV

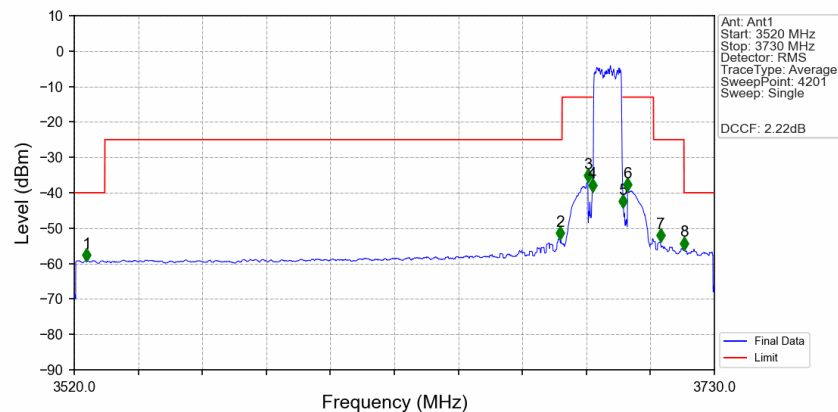


Band48_10MHz_QPSK_HCH_3695MHz_RB_1_49_NTNV



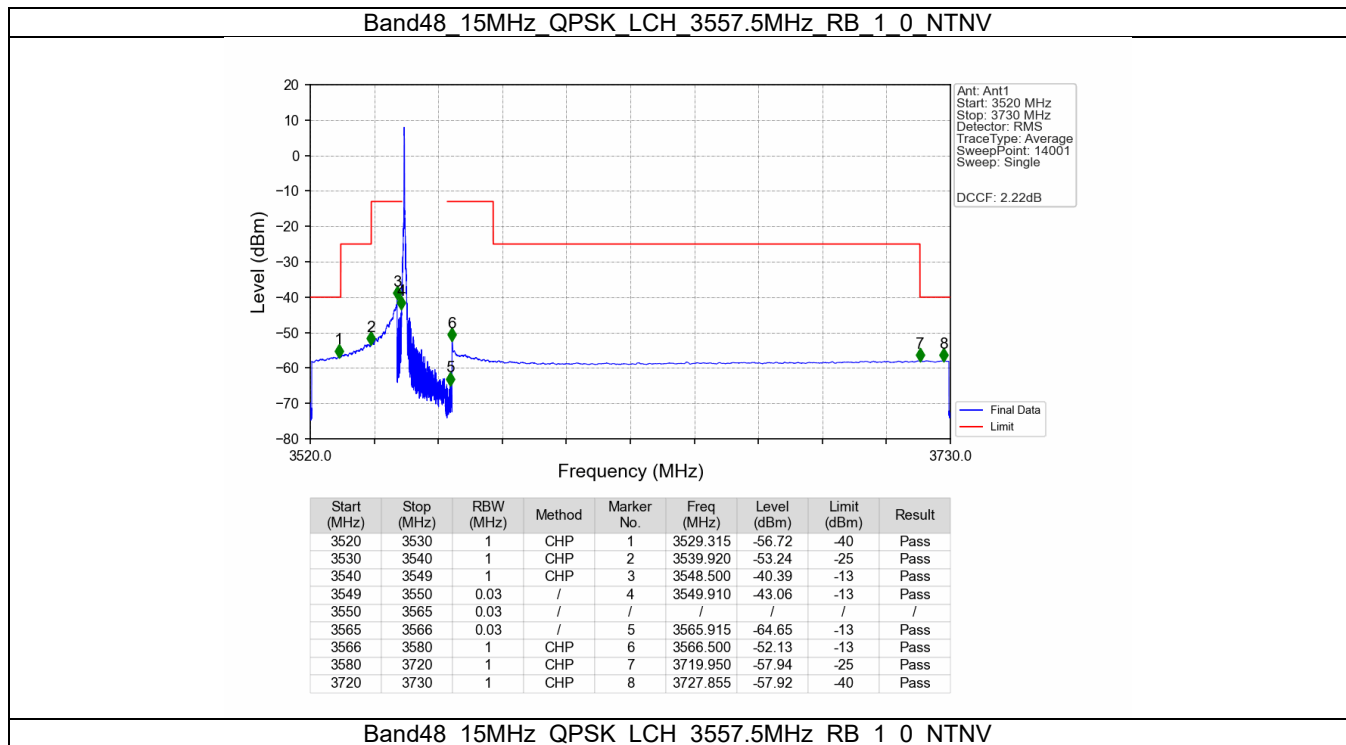
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.510	-59.10	-40	Pass
3530	3680	1	CHP	2	3679.885	-55.52	-25	Pass
3680	3689	1	CHP	3	3688.495	-52.60	-13	Pass
3689	3690	0.03	/	4	3689.815	-60.75	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.105	-38.02	-13	Pass
3701	3710	1	CHP	6	3701.500	-39.88	-13	Pass
3710	3720	1	CHP	7	3710.680	-52.52	-25	Pass
3720	3730	1	CHP	8	3720.130	-55.81	-40	Pass

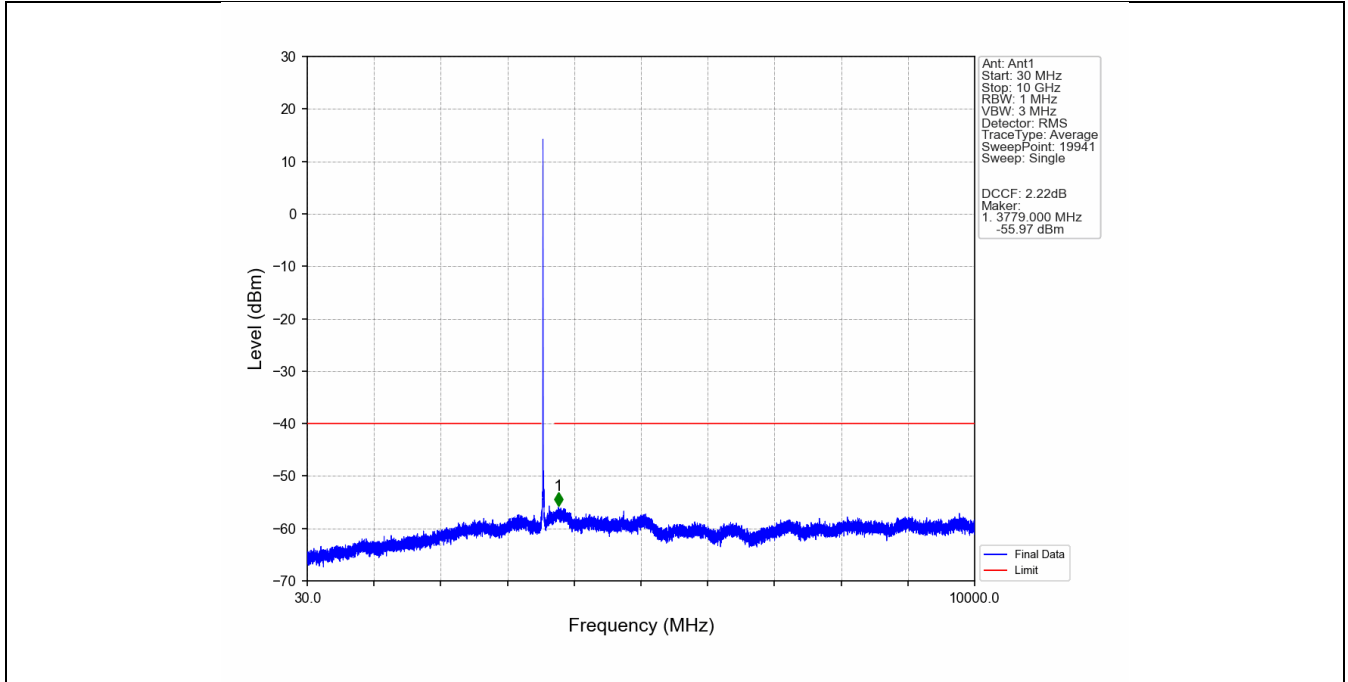
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



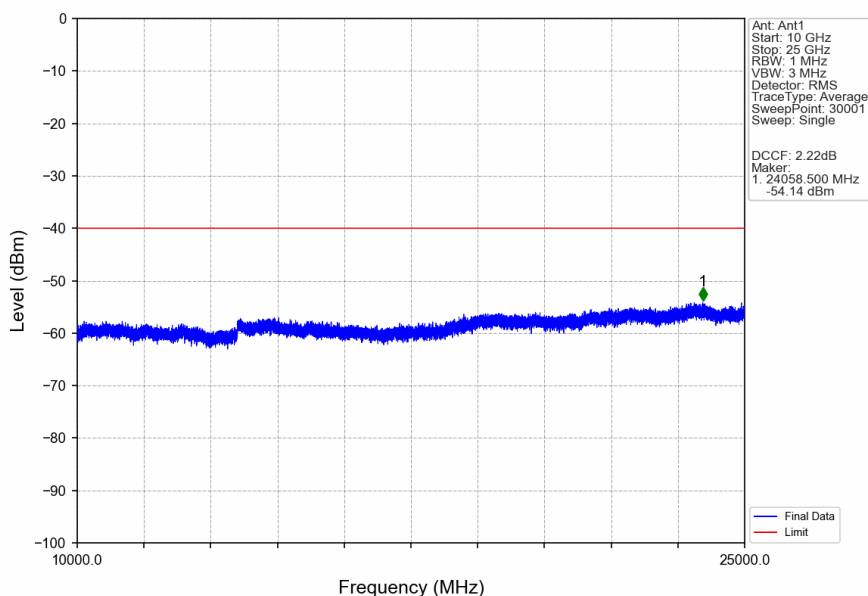
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.050	-59.06	-40	Pass
3530	3680	1	CHP	2	3679.300	-52.90	-25	Pass
3680	3689	1	CHP	3	3688.500	-36.75	-13	Pass
3689	3690	0.102	CHP	4	3689.950	-39.39	-13	Pass
3690	3700	0.102	CHP	/	/	/	/	/
3700	3701	0.102	CHP	5	3700.050	-43.93	-13	Pass
3701	3710	1	CHP	6	3701.500	-39.20	-13	Pass
3710	3720	1	CHP	7	3712.300	-53.56	-25	Pass
3720	3730	1	CHP	8	3720.050	-55.80	-40	Pass

5.2.3 B48_15MHz

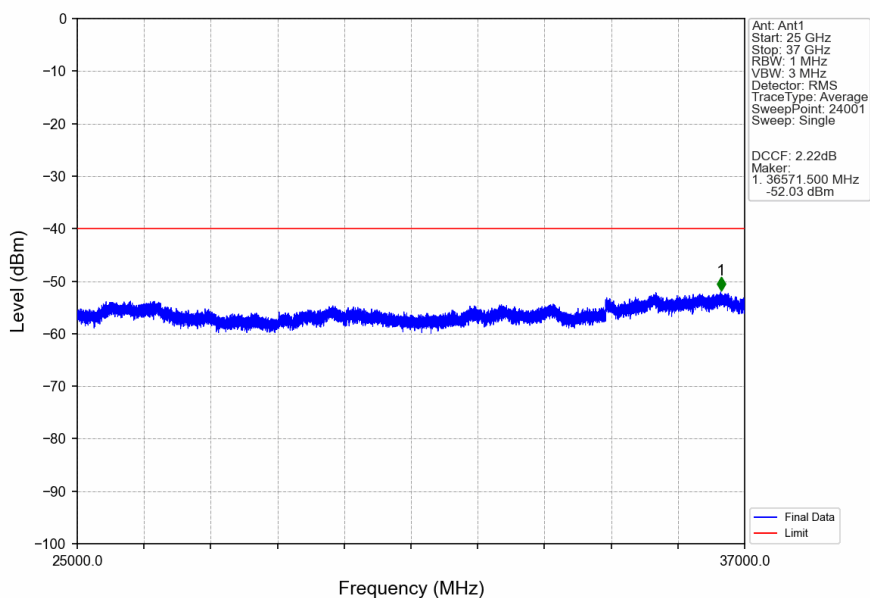




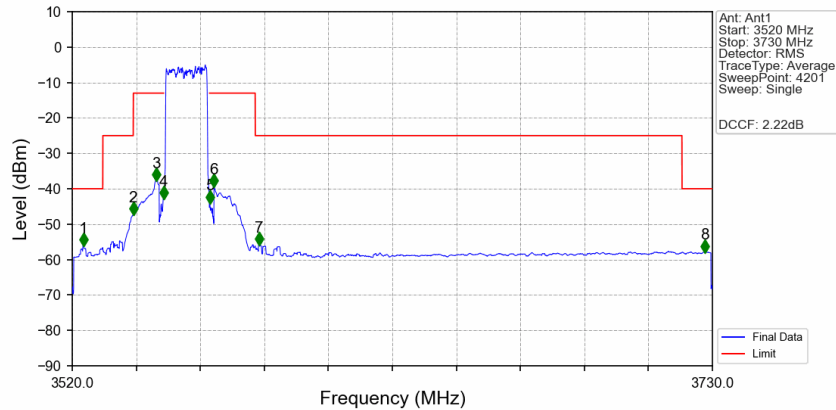
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV



Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV

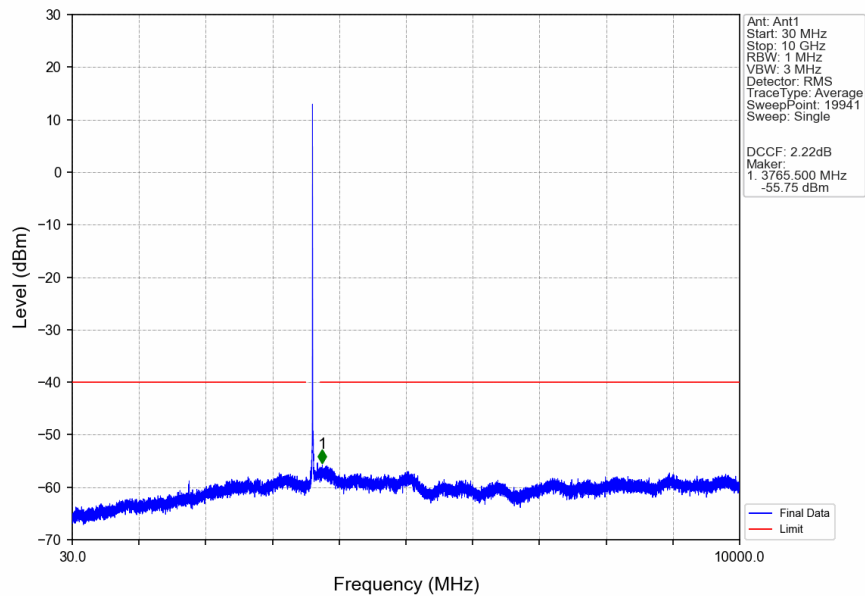


Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV

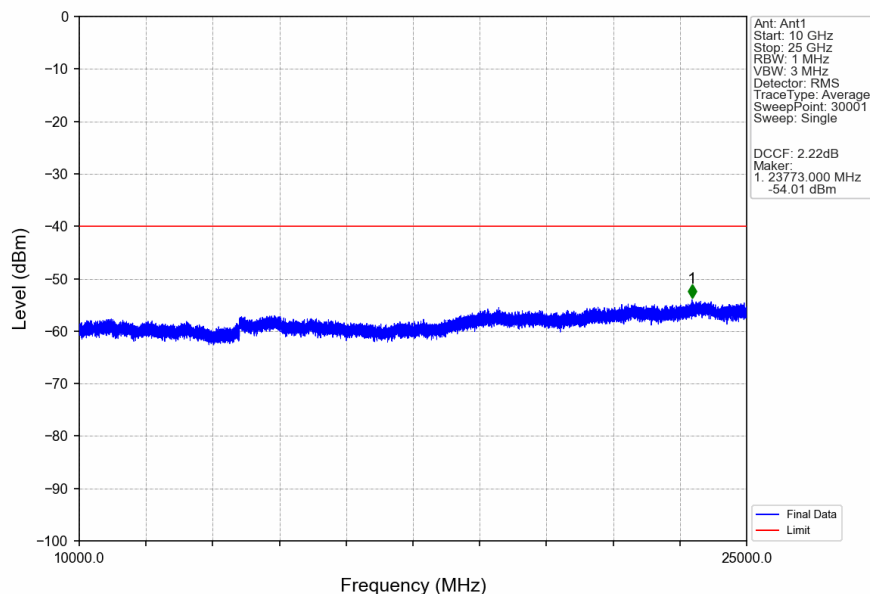


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.650	-55.92	-40	Pass
3530	3540	1	CHP	2	3540.000	-47.16	-25	Pass
3540	3549	1	CHP	3	3547.650	-37.56	-13	Pass
3549	3550	0.142	CHP	4	3549.950	-42.69	-13	Pass
3550	3565	0.142	CHP	/	/	/	/	/
3565	3566	0.142	CHP	5	3565.150	-43.84	-13	Pass
3566	3580	1	CHP	6	3566.500	-39.24	-13	Pass
3580	3720	1	CHP	7	3581.250	-55.75	-25	Pass
3720	3730	1	CHP	8	3727.600	-57.72	-40	Pass

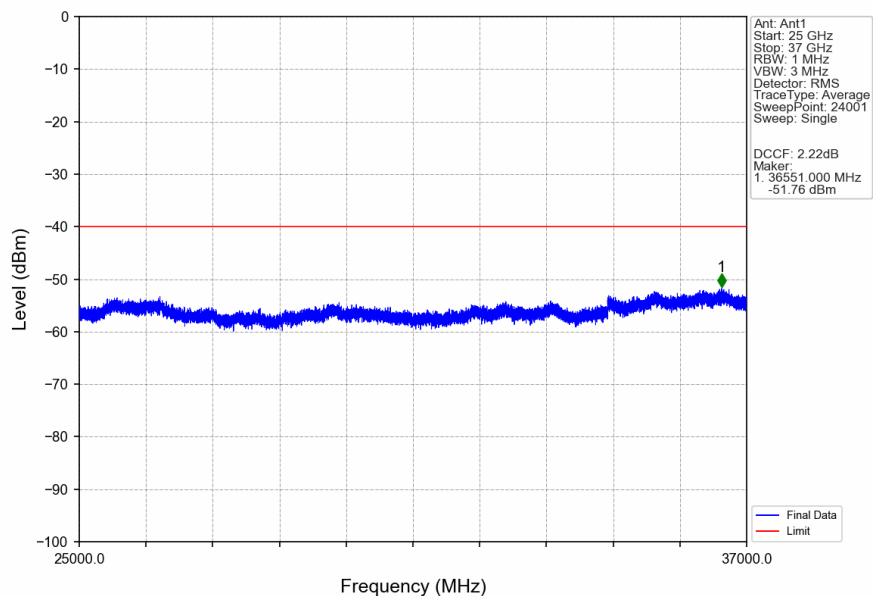
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



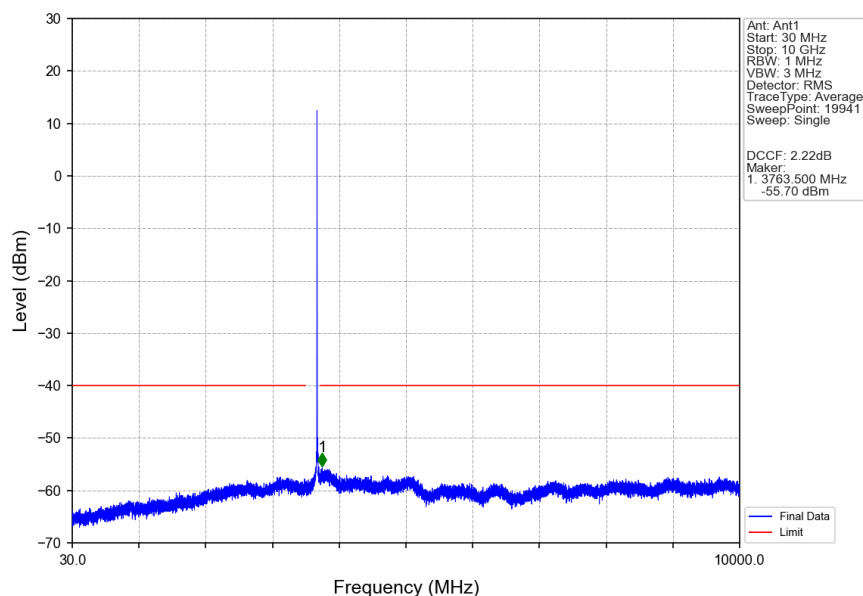
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV

