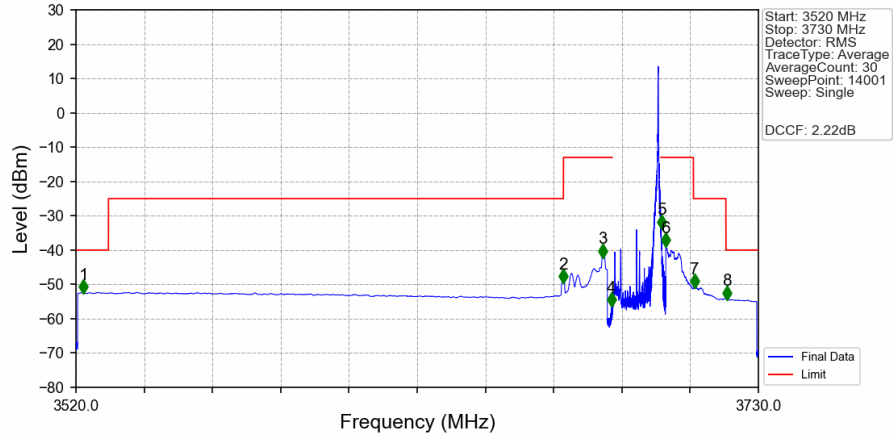
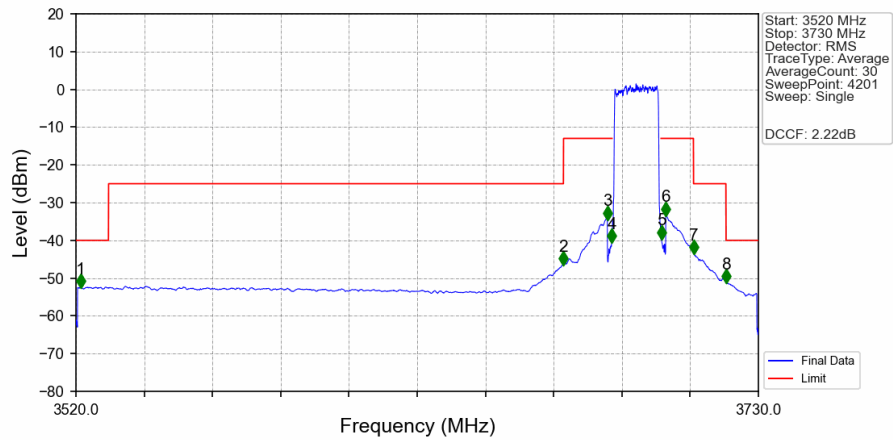


Band48 15MHz QPSK HCH 3692.5MHz RB 1 74 NTNV



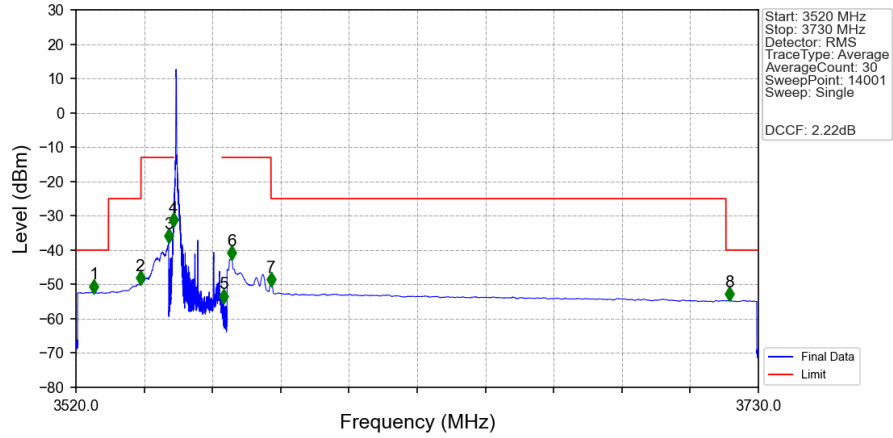
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.310	-52.32	-40	Pass
3530	3670	1	CHP	2	3670.000	-49.27	-25	Pass
3670	3684	1	CHP	3	3682.000	-41.95	-13	Pass
3684	3685	0.03	/	4	3684.820	-56.08	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.090	-33.45	-13	Pass
3701	3710	1	CHP	6	3701.500	-38.76	-13	Pass
3710	3720	1	CHP	7	3710.455	-50.78	-25	Pass
3720	3730	1	CHP	8	3720.265	-54.17	-40	Pass

Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNV



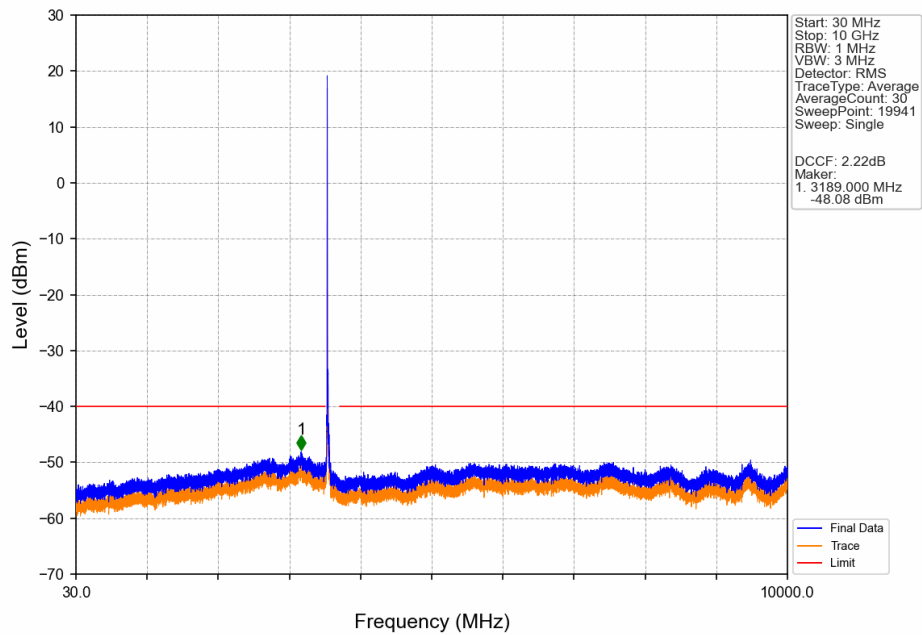
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.450	-52.36	-40	Pass
3530	3670	1	CHP	2	3669.950	-46.36	-25	Pass
3670	3684	1	CHP	3	3683.500	-34.31	-13	Pass
3684	3685	0.147	CHP	4	3684.900	-40.37	-13	Pass
3685	3700	0.147	CHP	/	/	/	/	/
3700	3701	0.147	CHP	5	3700.150	-39.44	-13	Pass
3701	3710	1	CHP	6	3701.500	-33.22	-13	Pass
3710	3720	1	CHP	7	3710.050	-43.42	-25	Pass
3720	3730	1	CHP	8	3720.050	-51.05	-40	Pass

Band48 15MHz 16QAM LCH 3557.5MHz RB 1 0 NTNV

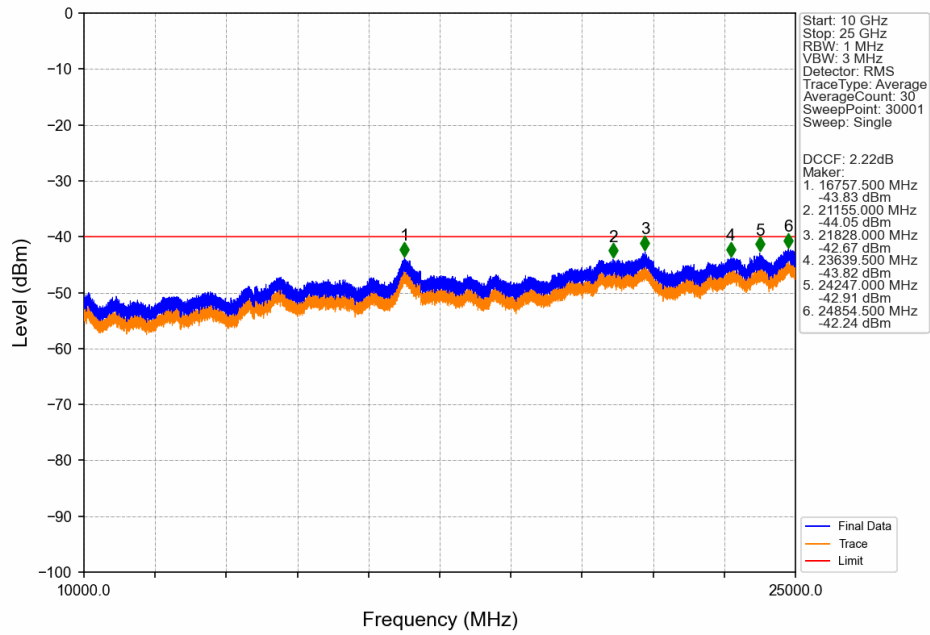


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.520	-52.28	-40	Pass
3530	3540	1	CHP	2	3539.740	-49.83	-25	Pass
3540	3549	1	CHP	3	3548.500	-37.56	-13	Pass
3549	3550	0.03	/	4	3549.970	-32.89	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.420	-55.12	-13	Pass
3566	3580	1	CHP	6	3567.910	-42.51	-13	Pass
3580	3720	1	CHP	7	3580.015	-50.28	-25	Pass
3720	3730	1	CHP	8	3720.985	-54.57	-40	Pass

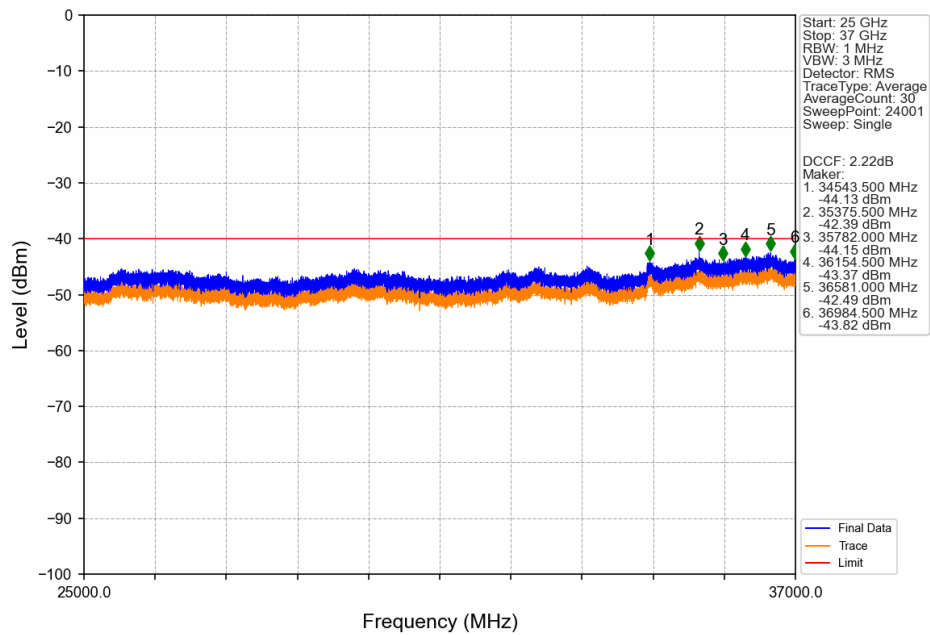
Band48 15MHz 16QAM LCH 3557.5MHz RB 1 0 NTNV



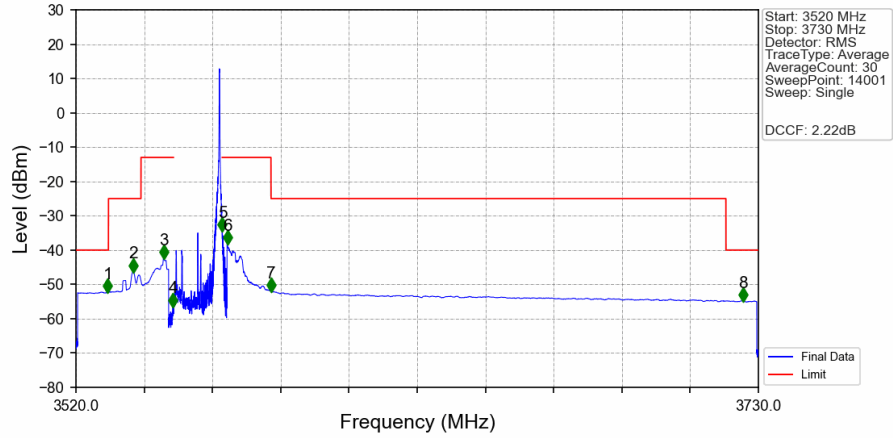
Band48 15MHz 16QAM LCH 3557.5MHz RB 1 0 NTNV



Band48 15MHz 16QAM LCH 3557.5MHz RB 1 0 NTNV

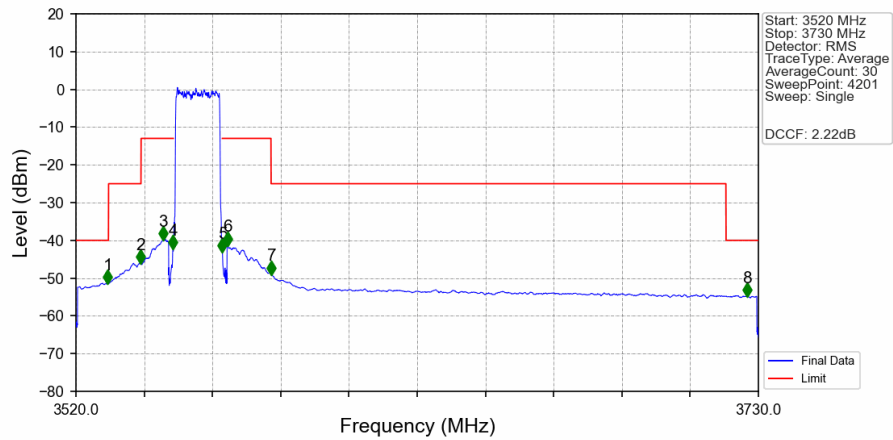


Band48 15MHz 16QAM LCH 3557.5MHz RB 1 74 NTNV



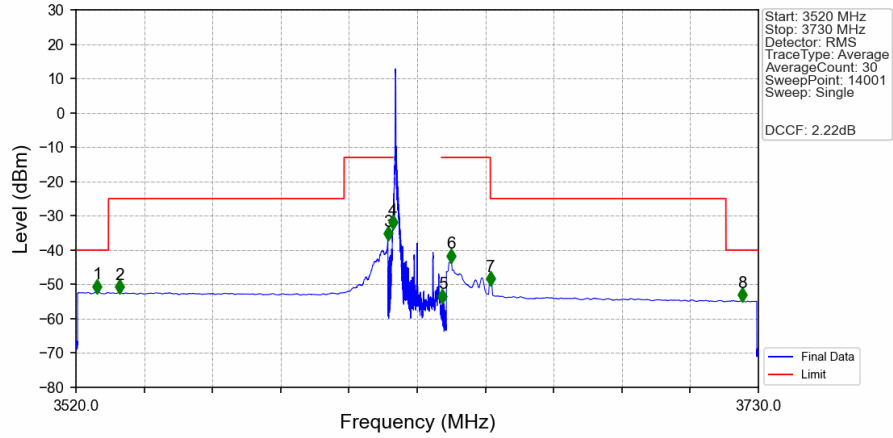
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.735	-52.20	-40	Pass
3530	3540	1	CHP	2	3537.640	-46.16	-25	Pass
3540	3549	1	CHP	3	3546.985	-42.33	-13	Pass
3549	3550	0.03	/	4	3549.805	-56.25	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.030	-34.38	-13	Pass
3566	3580	1	CHP	6	3566.575	-38.08	-13	Pass
3580	3720	1	CHP	7	3580.015	-51.94	-25	Pass
3720	3730	1	CHP	8	3725.230	-54.73	-40	Pass

Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTNV



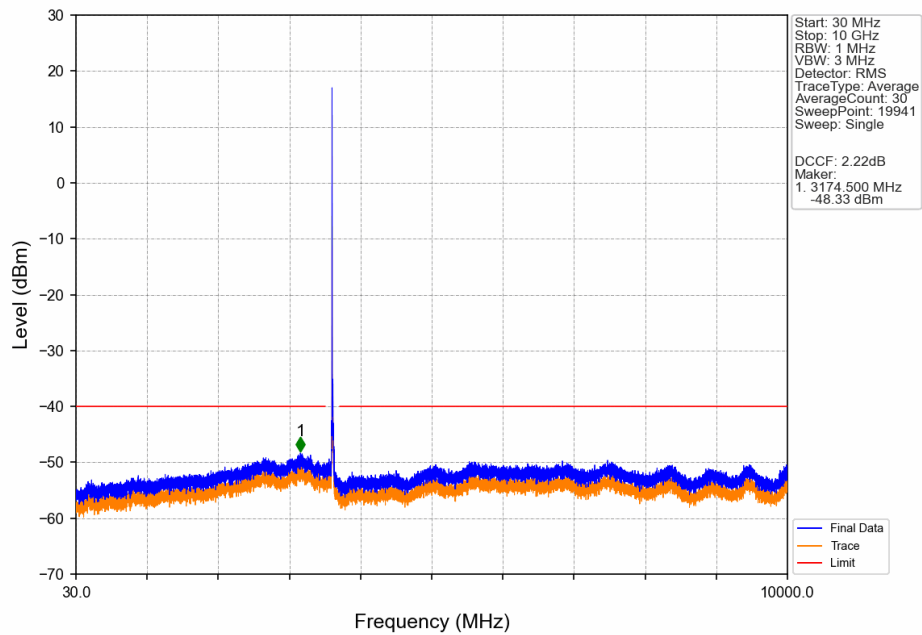
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.800	-51.30	-40	Pass
3530	3540	1	CHP	2	3539.800	-45.91	-25	Pass
3540	3549	1	CHP	3	3546.900	-39.76	-13	Pass
3549	3550	0.148	CHP	4	3549.850	-42.12	-13	Pass
3550	3565	0.148	CHP	/	/	/	/	/
3565	3566	0.148	CHP	5	3565.050	-42.98	-13	Pass
3566	3580	1	CHP	6	3566.600	-41.14	-13	Pass
3580	3720	1	CHP	7	3580.150	-48.81	-25	Pass
3720	3730	1	CHP	8	3726.500	-54.64	-40	Pass

Band48 15MHz 16QAM MCH 3625MHz RB 1 0 NTV

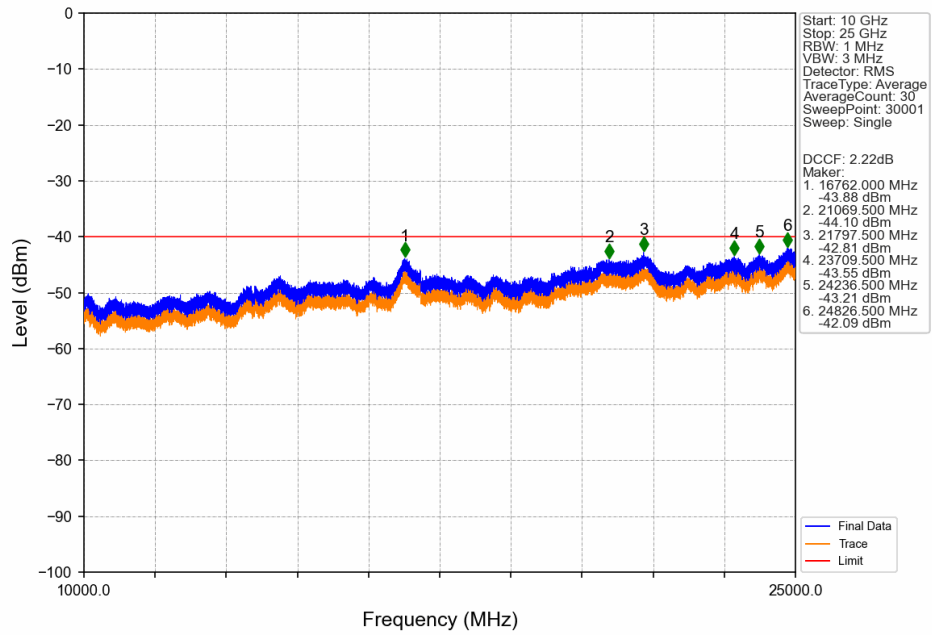


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.480	-52.26	-40	Pass
3530	3602.5	1	CHP	2	3533.335	-52.35	-25	Pass
3602.5	3616.5	1	CHP	3	3616.000	-36.96	-13	Pass
3616.5	3617.5	0.03	/	4	3617.470	-33.51	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.815	-55.08	-13	Pass
3633.5	3647.5	1	CHP	6	3635.485	-43.38	-13	Pass
3647.5	3720	1	CHP	7	3647.530	-50.00	-25	Pass
3720	3730	1	CHP	8	3725.050	-54.68	-40	Pass

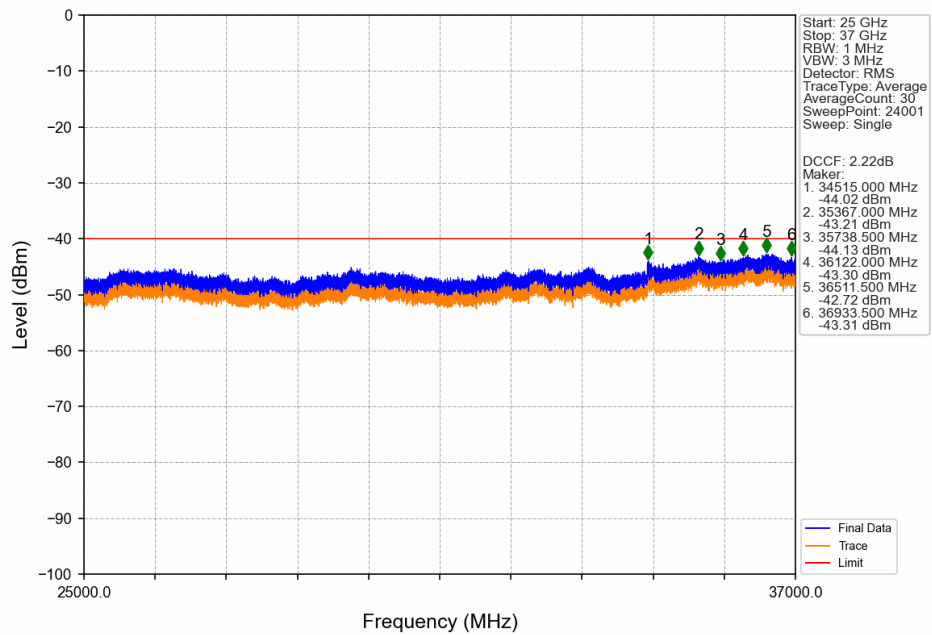
Band48 15MHz 16QAM MCH 3625MHz RB 1 0 NTV



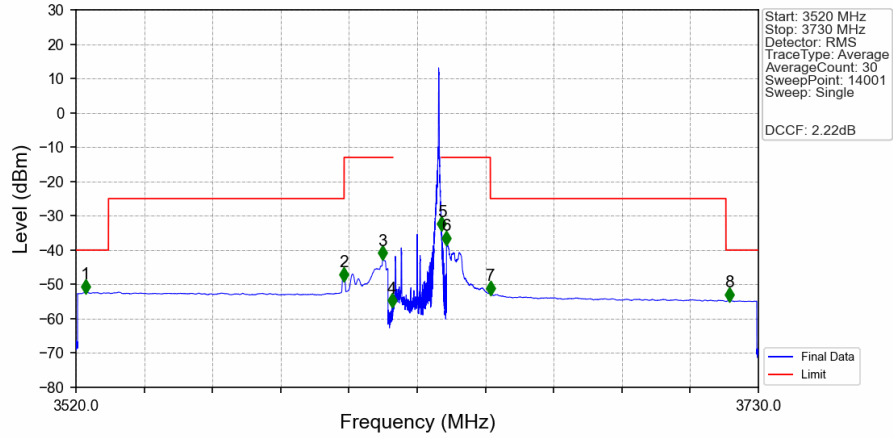
Band48 15MHz 16QAM MCH 3625MHz RB 1 0 NTNV



Band48 15MHz 16QAM MCH 3625MHz RB 1 0 NTNV

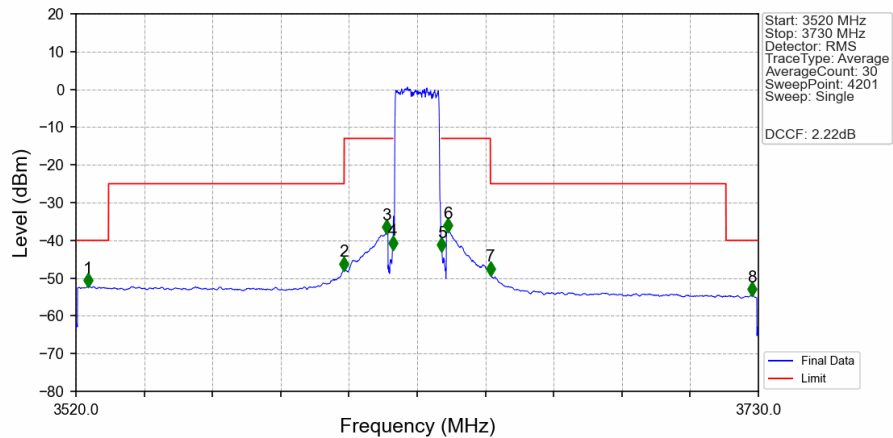


Band48 15MHz 16QAM MCH 3625MHz RB 1 74 NTNV



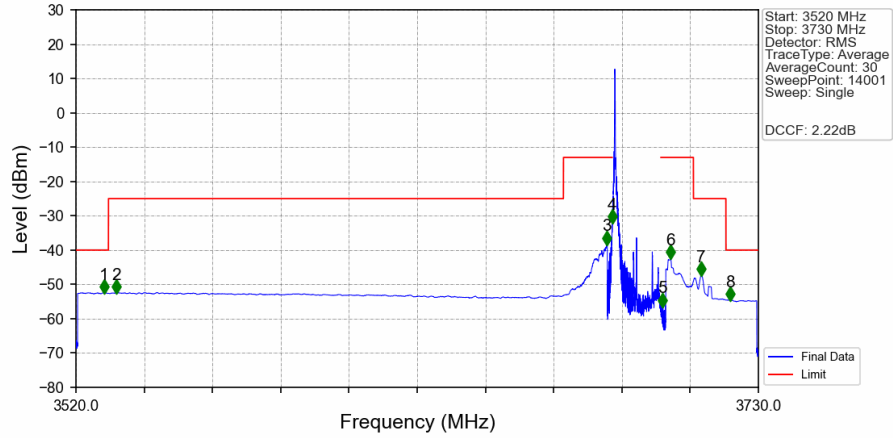
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.895	-52.28	-40	Pass
3530	3602.5	1	CHP	2	3602.500	-48.73	-25	Pass
3602.5	3616.5	1	CHP	3	3614.425	-42.45	-13	Pass
3616.5	3617.5	0.03	/	4	3617.260	-56.31	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.545	-34.08	-13	Pass
3633.5	3647.5	1	CHP	6	3634.000	-38.17	-13	Pass
3647.5	3720	1	CHP	7	3647.545	-52.78	-25	Pass
3720	3730	1	CHP	8	3721.090	-54.66	-40	Pass

Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



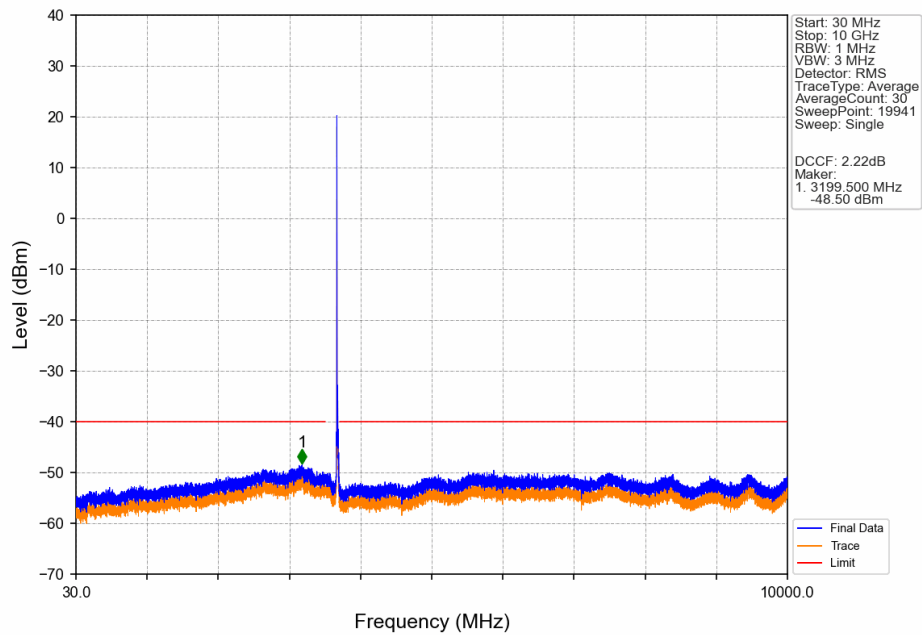
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.650	-52.08	-40	Pass
3530	3602.5	1	CHP	2	3602.500	-47.72	-25	Pass
3602.5	3616.5	1	CHP	3	3615.600	-38.01	-13	Pass
3616.5	3617.5	0.147	CHP	4	3617.450	-42.18	-13	Pass
3617.5	3632.5	0.147	CHP	/	/	/	/	/
3632.5	3633.5	0.147	CHP	5	3632.550	-42.68	-13	Pass
3633.5	3647.5	1	CHP	6	3634.450	-37.61	-13	Pass
3647.5	3720	1	CHP	7	3647.550	-49.04	-25	Pass
3720	3730	1	CHP	8	3727.900	-54.42	-40	Pass

Band48 15MHz 16QAM HCH 3692.5MHz RB 1 0 NTNV

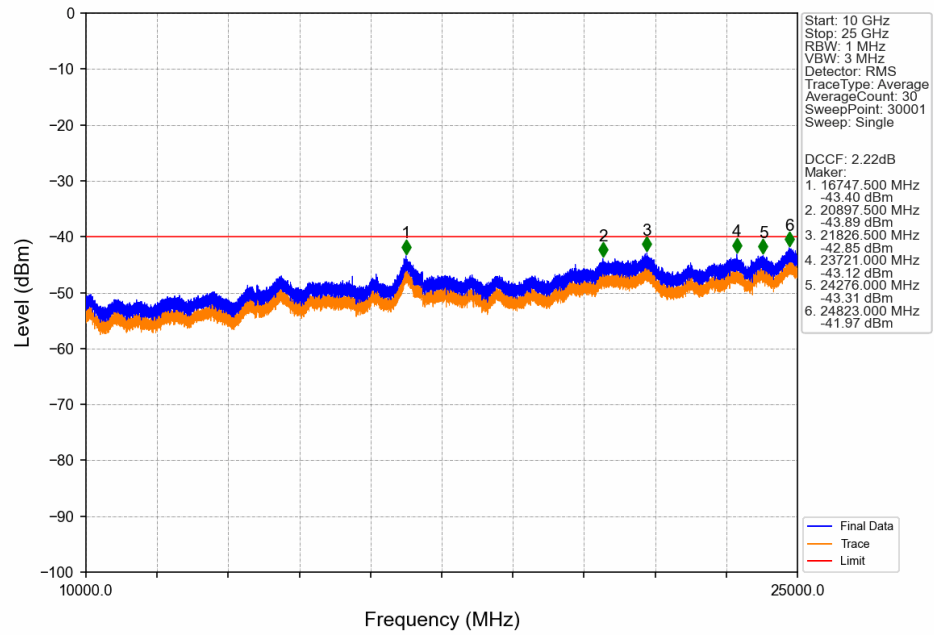


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.625	-52.42	-40	Pass
3530	3670	1	CHP	2	3532.525	-52.38	-25	Pass
3670	3684	1	CHP	3	3683.320	-38.16	-13	Pass
3684	3685	0.03	/	4	3684.985	-31.93	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.450	-56.30	-13	Pass
3701	3710	1	CHP	6	3702.955	-42.35	-13	Pass
3710	3720	1	CHP	7	3712.435	-47.23	-25	Pass
3720	3730	1	CHP	8	3721.315	-54.47	-40	Pass

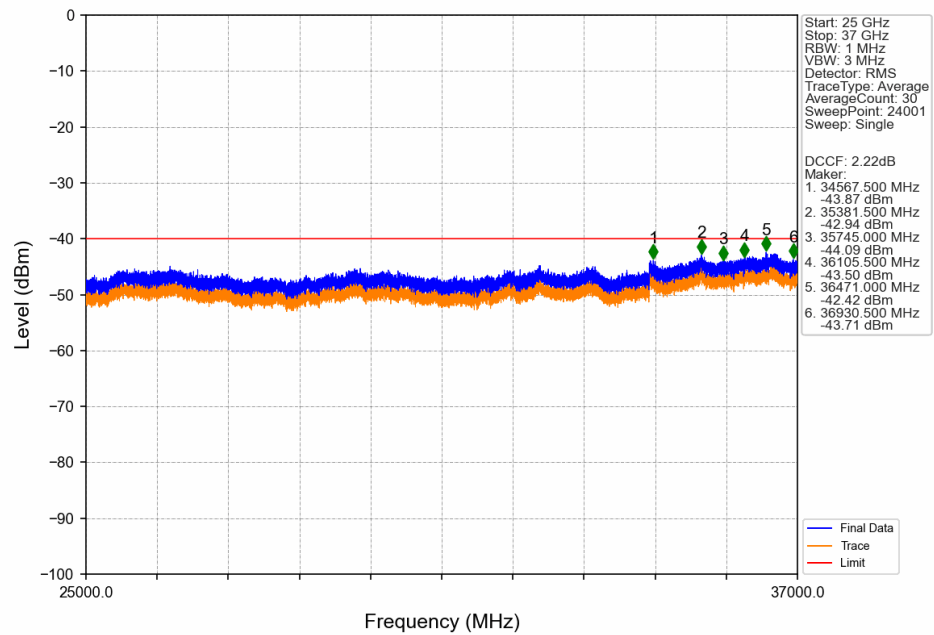
Band48 15MHz 16QAM HCH 3692.5MHz RB 1 0 NTNV



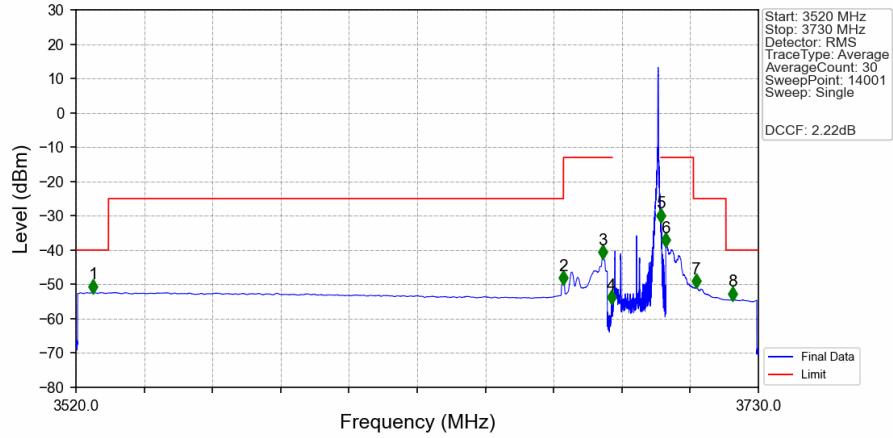
Band48 15MHz 16QAM HCH 3692.5MHz RB 1 0 NTNV



Band48 15MHz 16QAM HCH 3692.5MHz RB 1 0 NTNV

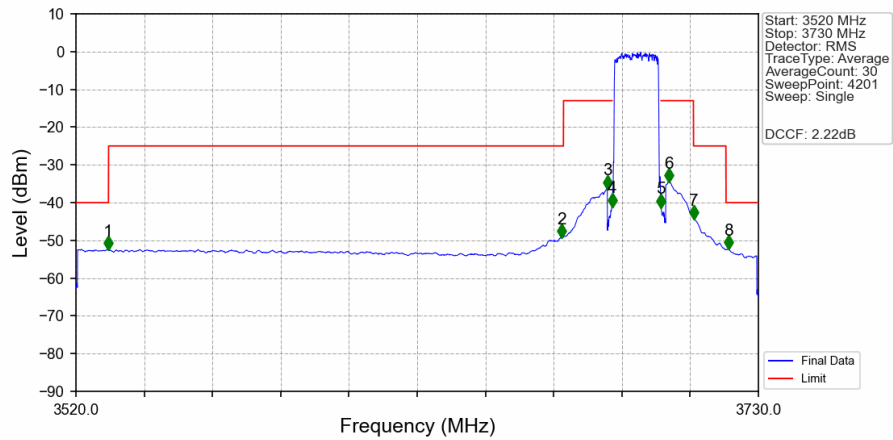


Band48 15MHz 16QAM HCH 3692.5MHz RB 1 74 NTNV



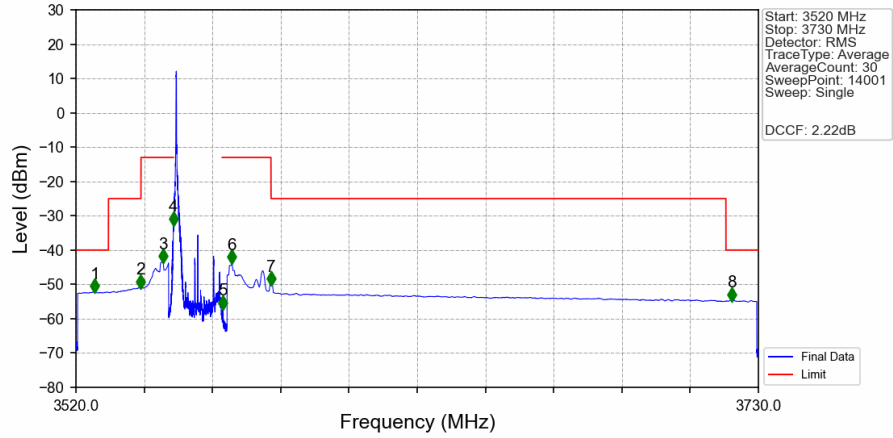
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.310	-52.31	-40	Pass
3530	3670	1	CHP	2	3669.955	-49.76	-25	Pass
3670	3684	1	CHP	3	3681.985	-42.22	-13	Pass
3684	3685	0.03	/	4	3684.820	-55.45	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-31.61	-13	Pass
3701	3710	1	CHP	6	3701.500	-38.77	-13	Pass
3710	3720	1	CHP	7	3710.950	-50.77	-25	Pass
3720	3730	1	CHP	8	3722.155	-54.42	-40	Pass

Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



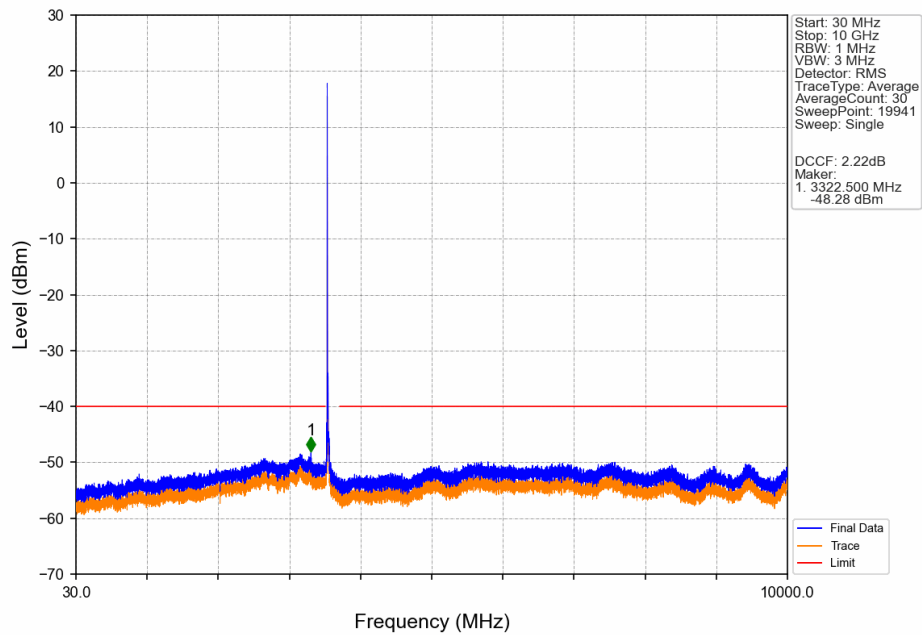
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.900	-52.32	-40	Pass
3530	3670	1	CHP	2	3669.400	-49.12	-25	Pass
3670	3684	1	CHP	3	3683.500	-36.14	-13	Pass
3684	3685	0.146	CHP	4	3684.950	-40.88	-13	Pass
3685	3700	0.146	CHP	/	/	/	/	/
3700	3701	0.146	CHP	5	3700.050	-41.11	-13	Pass
3701	3710	1	CHP	6	3702.400	-34.41	-13	Pass
3710	3720	1	CHP	7	3710.050	-44.15	-25	Pass
3720	3730	1	CHP	8	3720.800	-52.15	-40	Pass

Band48 15MHz 64QAM LCH 3557.5MHz RB 1 0 NTNV

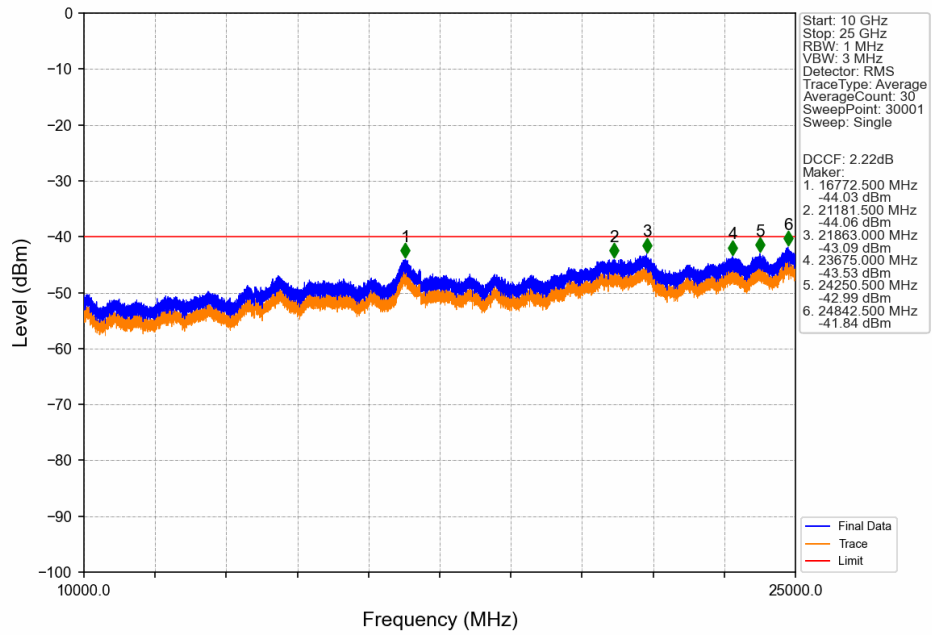


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.820	-52.21	-40	Pass
3530	3540	1	CHP	2	3539.875	-50.88	-25	Pass
3540	3549	1	CHP	3	3546.745	-43.52	-13	Pass
3549	3550	0.03	/	4	3549.985	-32.52	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.165	-57.00	-13	Pass
3566	3580	1	CHP	6	3568.030	-43.73	-13	Pass
3580	3720	1	CHP	7	3580.075	-50.12	-25	Pass
3720	3730	1	CHP	8	3721.735	-54.66	-40	Pass

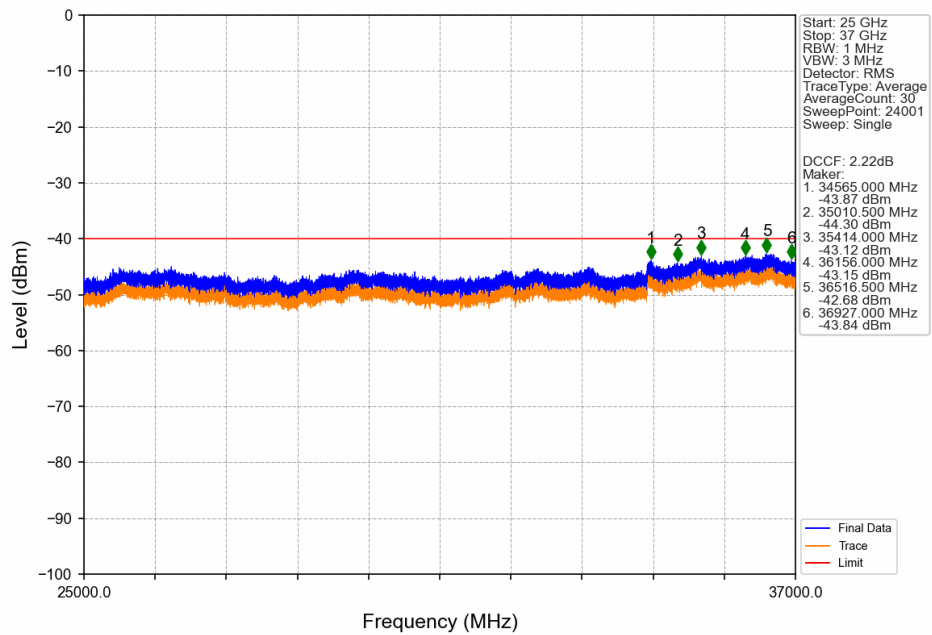
Band48 15MHz 64QAM LCH 3557.5MHz RB 1 0 NTNV



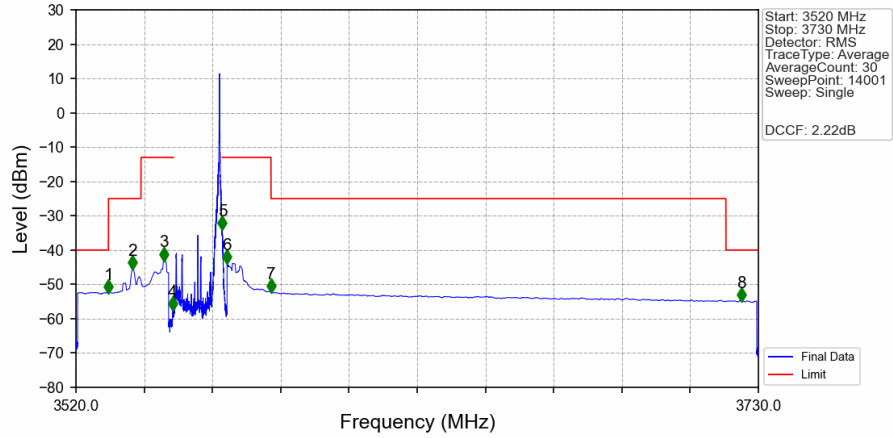
Band48 15MHz 64QAM LCH 3557.5MHz RB 1 0 NTNV



Band48 15MHz 64QAM LCH 3557.5MHz RB 1 0 NTNV

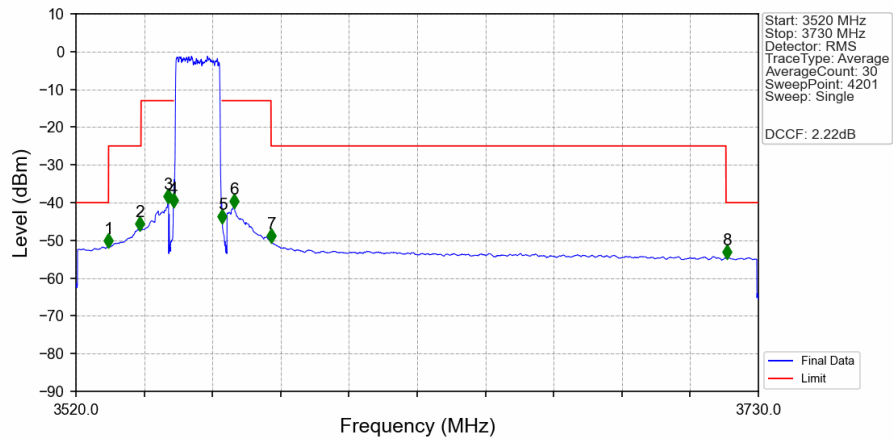


Band48 15MHz 64QAM LCH 3557.5MHz RB 1 74 NTNV



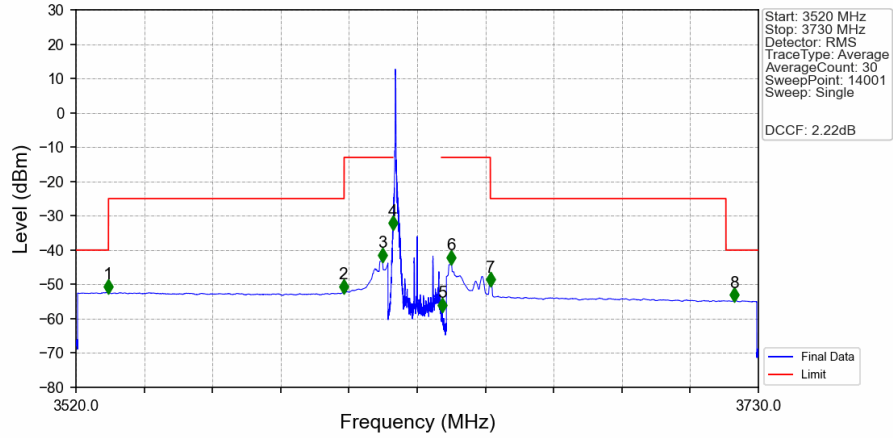
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.945	-52.34	-40	Pass
3530	3540	1	CHP	2	3537.490	-45.30	-25	Pass
3540	3549	1	CHP	3	3547.000	-42.90	-13	Pass
3549	3550	0.03	/	4	3549.790	-57.41	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.045	-33.85	-13	Pass
3566	3580	1	CHP	6	3566.500	-43.73	-13	Pass
3580	3720	1	CHP	7	3580.015	-52.22	-25	Pass
3720	3730	1	CHP	8	3724.870	-54.75	-40	Pass

Band48 15MHz 64QAM LCH 3557.5MHz RB 75 0 NTNV



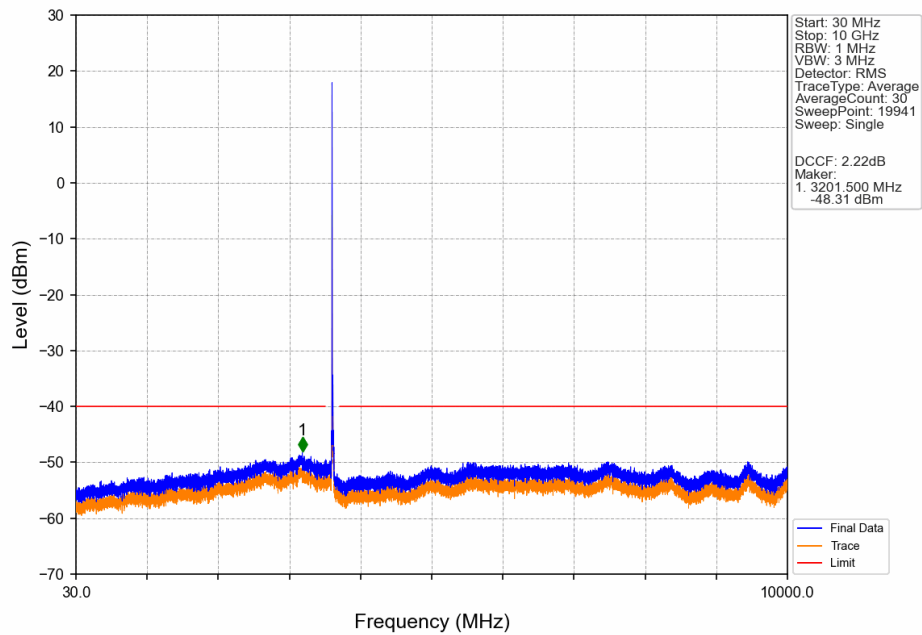
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3530.000	-51.61	-40	Pass
3530	3540	1	CHP	2	3539.600	-47.10	-25	Pass
3540	3549	1	CHP	3	3548.300	-39.95	-13	Pass
3549	3550	0.155	CHP	4	3549.950	-41.03	-13	Pass
3550	3565	0.155	CHP	/	/	/	/	/
3565	3566	0.155	CHP	5	3565.050	-45.25	-13	Pass
3566	3580	1	CHP	6	3566.650	-41.16	-13	Pass
3580	3720	1	CHP	7	3580.150	-50.43	-25	Pass
3720	3730	1	CHP	8	3720.300	-54.59	-40	Pass

Band48 15MHz 64QAM MCH 3625MHz RB 1 0 NTNV

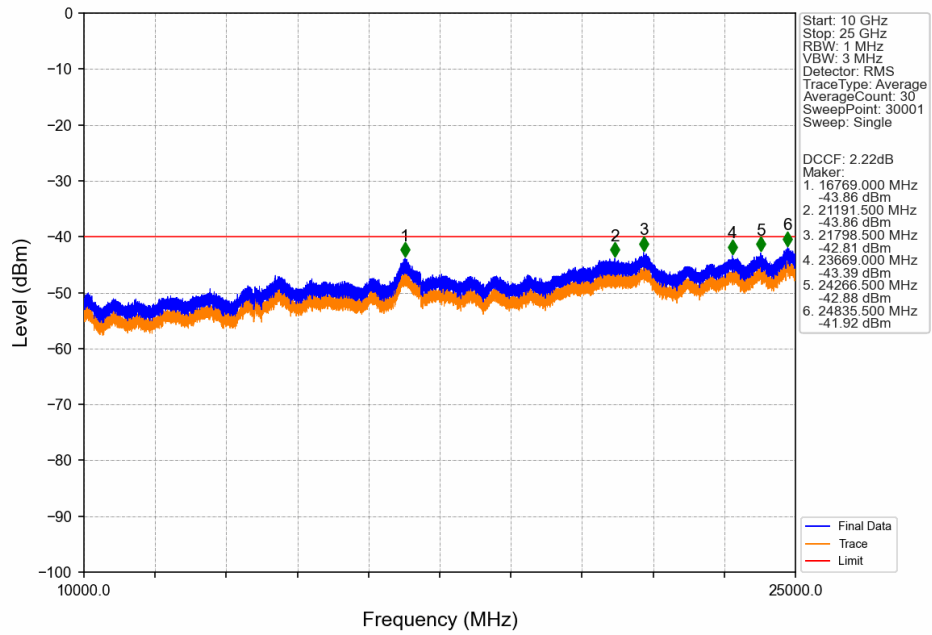


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.930	-52.31	-40	Pass
3530	3602.5	1	CHP	2	3602.320	-52.25	-25	Pass
3602.5	3616.5	1	CHP	3	3614.275	-43.09	-13	Pass
3616.5	3617.5	0.03	/	4	3617.455	-33.76	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.695	-57.71	-13	Pass
3633.5	3647.5	1	CHP	6	3635.470	-43.79	-13	Pass
3647.5	3720	1	CHP	7	3647.515	-50.25	-25	Pass
3720	3730	1	CHP	8	3722.590	-54.72	-40	Pass

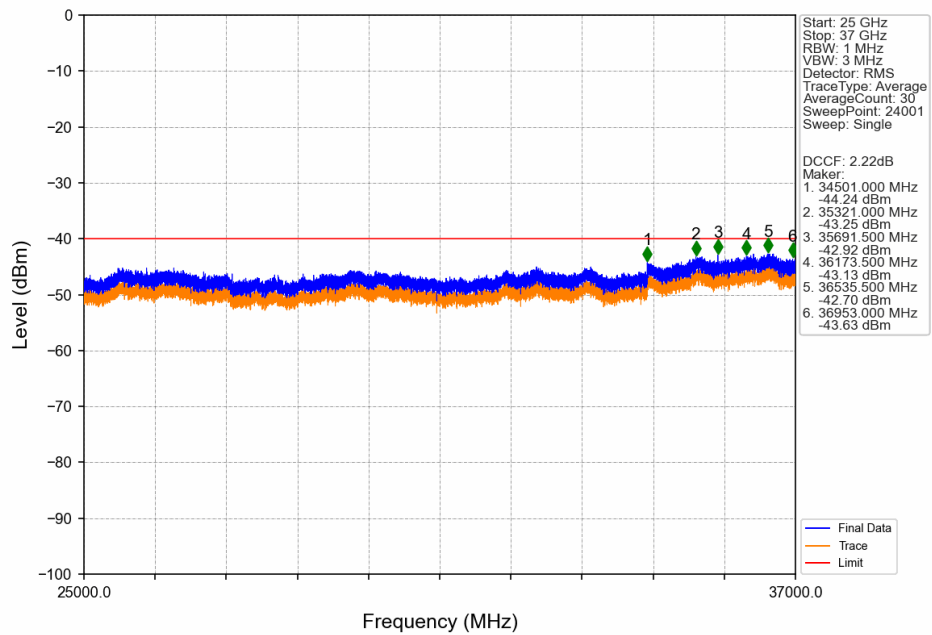
Band48 15MHz 64QAM MCH 3625MHz RB 1 0 NTNV



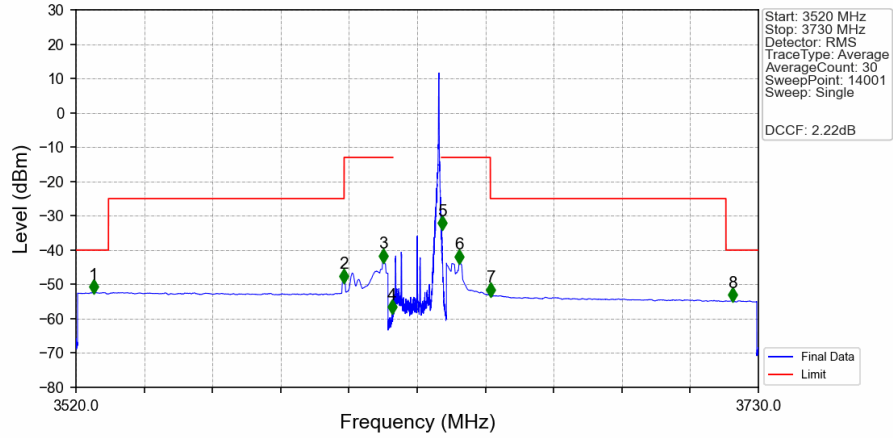
Band48 15MHz 64QAM MCH 3625MHz RB 1 0 NTNV



Band48 15MHz 64QAM MCH 3625MHz RB 1 0 NTNV

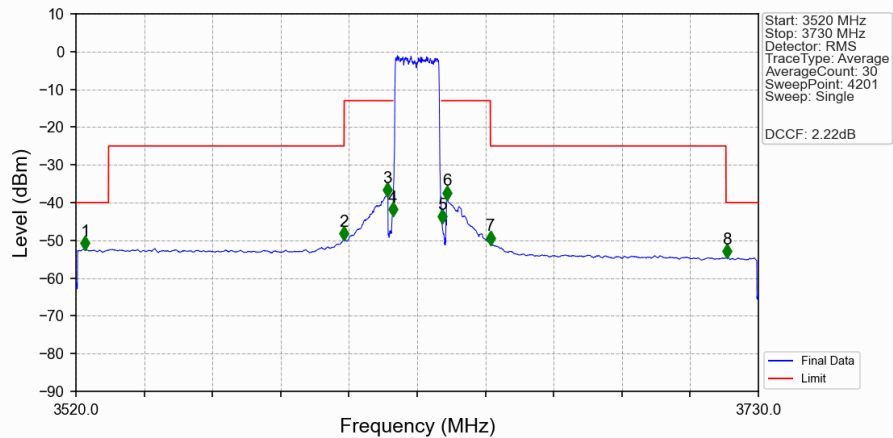


Band48 15MHz 64QAM MCH 3625MHz RB 1 74 NTNV



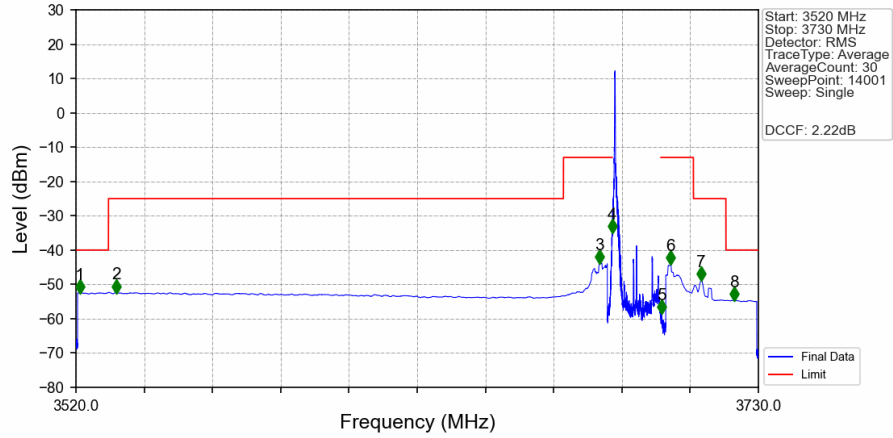
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.355	-52.38	-40	Pass
3530	3602.5	1	CHP	2	3602.380	-49.24	-25	Pass
3602.5	3616.5	1	CHP	3	3614.455	-43.36	-13	Pass
3616.5	3617.5	0.03	/	4	3617.275	-58.29	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.575	-33.89	-13	Pass
3633.5	3647.5	1	CHP	6	3637.975	-43.58	-13	Pass
3647.5	3720	1	CHP	7	3647.680	-53.25	-25	Pass
3720	3730	1	CHP	8	3722.050	-54.72	-40	Pass

Band48 15MHz 64QAM MCH 3625MHz RB 75 0 NTNV



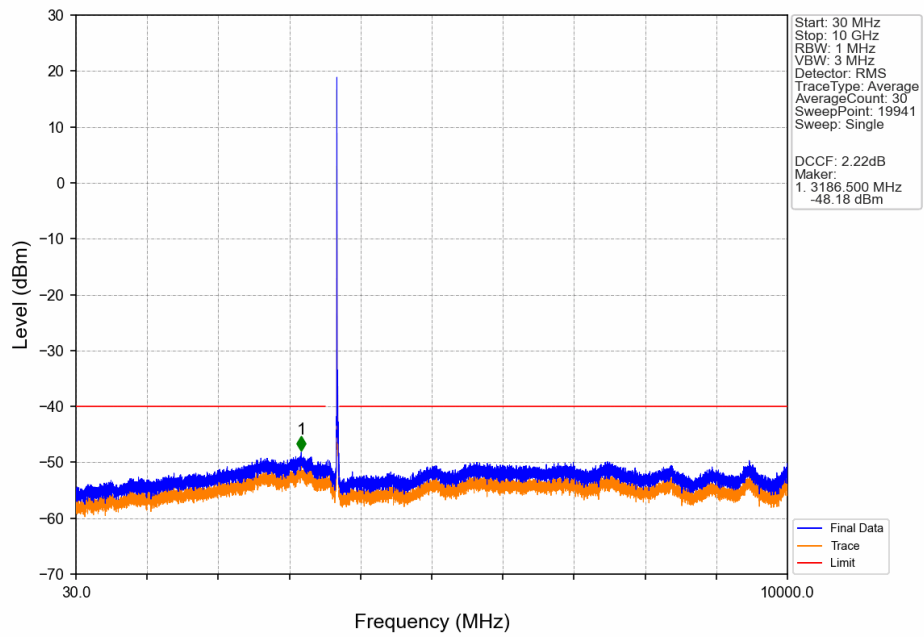
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.800	-52.34	-40	Pass
3530	3602.5	1	CHP	2	3602.400	-49.80	-25	Pass
3602.5	3616.5	1	CHP	3	3615.700	-38.18	-13	Pass
3616.5	3617.5	0.145	CHP	4	3617.450	-43.35	-13	Pass
3617.5	3632.5	0.145	CHP	/	/	/	/	/
3632.5	3633.5	0.145	CHP	5	3632.600	-45.29	-13	Pass
3633.5	3647.5	1	CHP	6	3634.250	-38.93	-13	Pass
3647.5	3720	1	CHP	7	3647.650	-50.91	-25	Pass
3720	3730	1	CHP	8	3720.250	-54.46	-40	Pass

Band48 15MHz 64QAM HCH 3692.5MHz RB 1 0 NTN

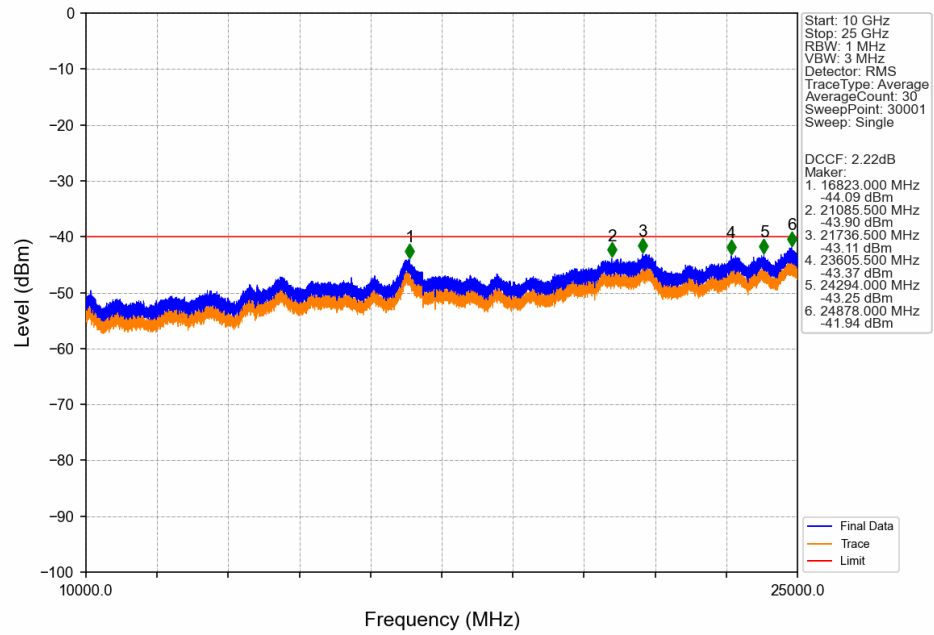


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.170	-52.33	-40	Pass
3530	3670	1	CHP	2	3532.405	-52.31	-25	Pass
3670	3684	1	CHP	3	3681.190	-43.70	-13	Pass
3684	3685	0.03	/	4	3684.985	-34.74	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.165	-58.20	-13	Pass
3701	3710	1	CHP	6	3703.015	-43.89	-13	Pass
3710	3720	1	CHP	7	3712.420	-48.71	-25	Pass
3720	3730	1	CHP	8	3722.515	-54.58	-40	Pass

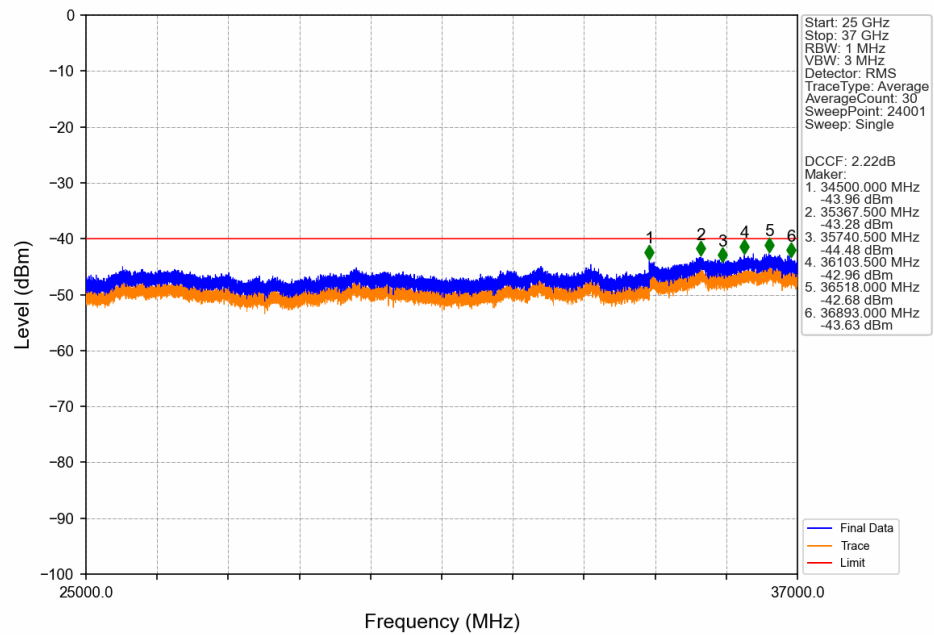
Band48 15MHz 64QAM HCH 3692.5MHz RB 1 0 NTN



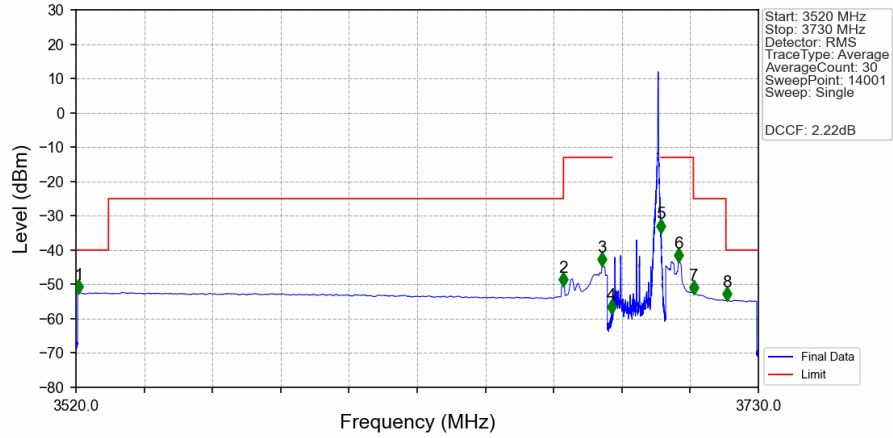
Band48 15MHz 64QAM HCH 3692.5MHz RB 1 0 NTN



Band48 15MHz 64QAM HCH 3692.5MHz RB 1 0 NTN

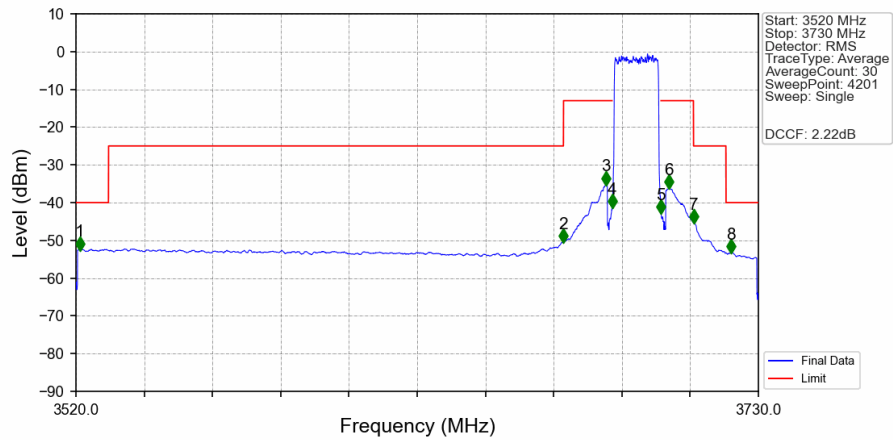


Band48 15MHz 64QAM HCH 3692.5MHz RB 1 74 NTNV



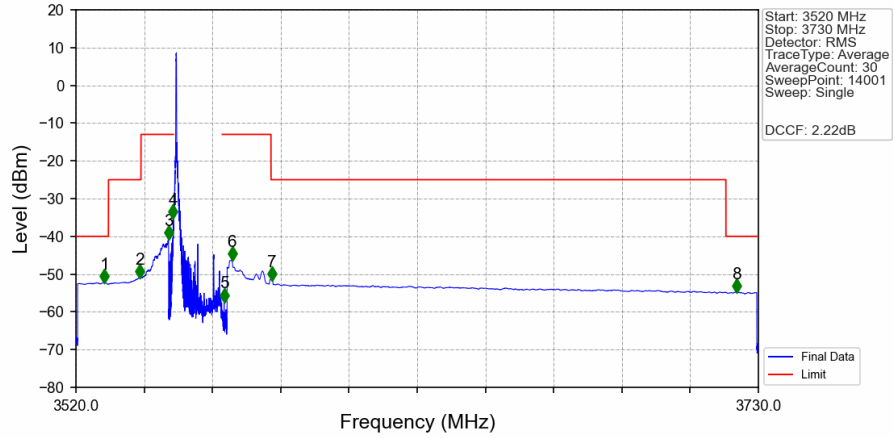
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.810	-52.38	-40	Pass
3530	3670	1	CHP	2	3669.985	-50.34	-25	Pass
3670	3684	1	CHP	3	3681.925	-44.34	-13	Pass
3684	3685	0.03	/	4	3684.805	-58.23	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-34.64	-13	Pass
3701	3710	1	CHP	6	3705.475	-43.31	-13	Pass
3710	3720	1	CHP	7	3710.065	-52.59	-25	Pass
3720	3730	1	CHP	8	3720.265	-54.56	-40	Pass

Band48 15MHz 64QAM HCH 3692.5MHz RB 75 0 NTNV



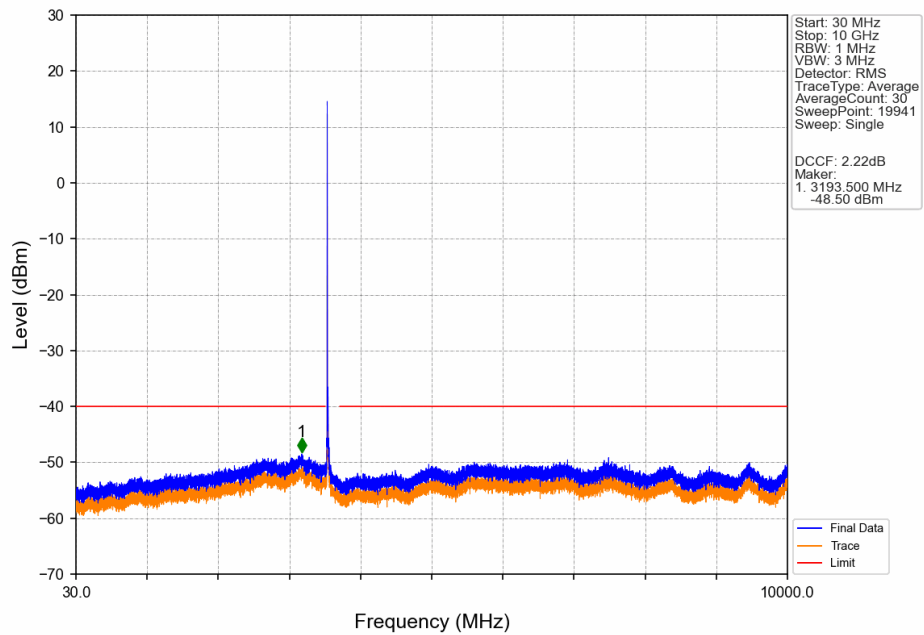
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.150	-52.40	-40	Pass
3530	3670	1	CHP	2	3670.000	-50.37	-25	Pass
3670	3684	1	CHP	3	3683.200	-35.07	-13	Pass
3684	3685	0.152	CHP	4	3684.950	-41.18	-13	Pass
3685	3700	0.152	CHP	/	/	/	/	/
3700	3701	0.152	CHP	5	3700.050	-42.67	-13	Pass
3701	3710	1	CHP	6	3702.550	-36.00	-13	Pass
3710	3720	1	CHP	7	3710.050	-45.23	-25	Pass
3720	3730	1	CHP	8	3721.600	-53.19	-40	Pass

Band48 15MHz 256QAM LCH 3557.5MHz RB 1 0 NTNV

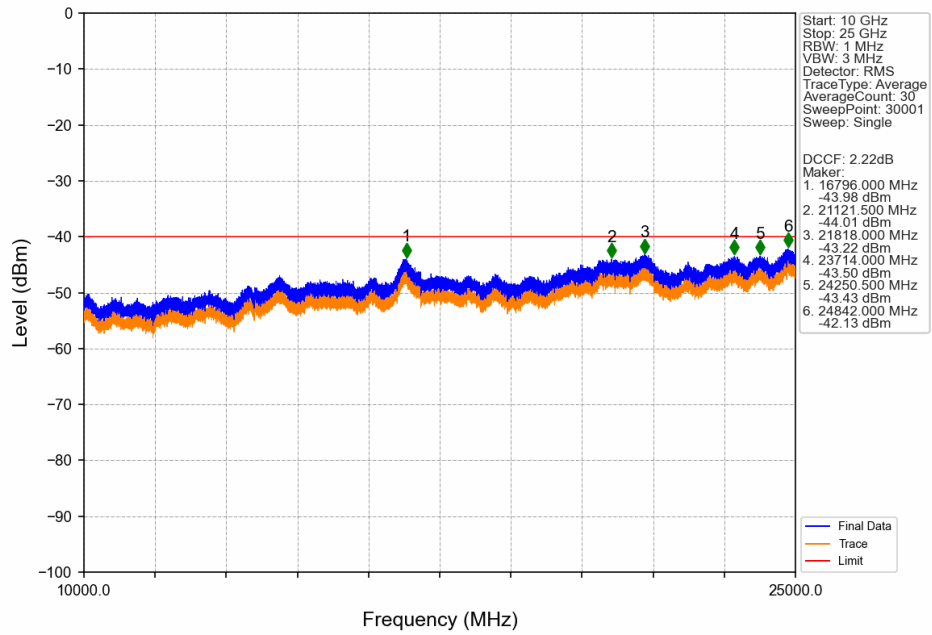


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.805	-52.11	-40	Pass
3530	3540	1	CHP	2	3539.590	-50.88	-25	Pass
3540	3549	1	CHP	3	3548.485	-40.57	-13	Pass
3549	3550	0.03	/	4	3549.910	-35.03	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.585	-57.14	-13	Pass
3566	3580	1	CHP	6	3568.045	-46.11	-13	Pass
3580	3720	1	CHP	7	3580.315	-51.52	-25	Pass
3720	3730	1	CHP	8	3723.220	-54.74	-40	Pass

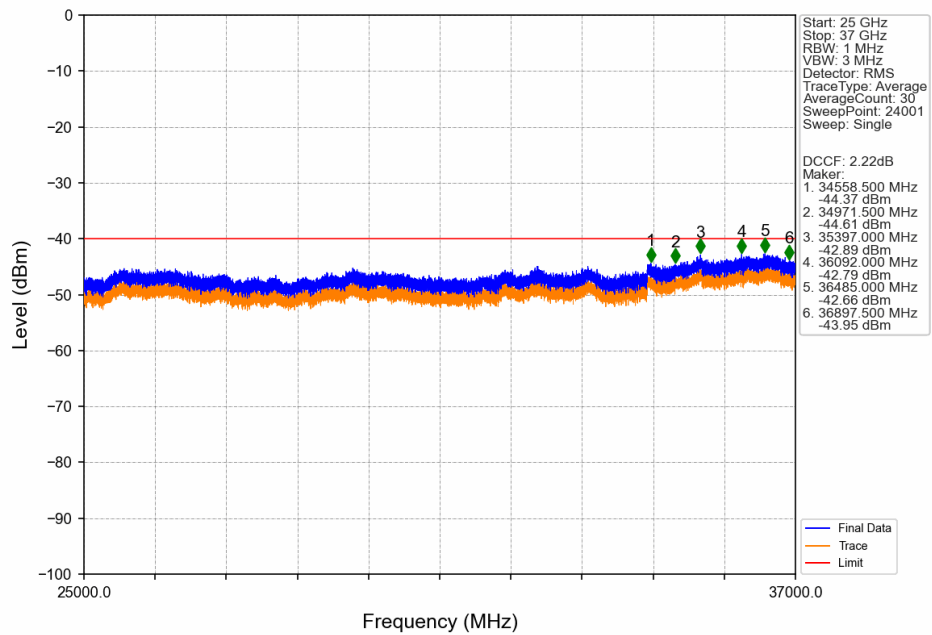
Band48 15MHz 256QAM LCH 3557.5MHz RB 1 0 NTNV



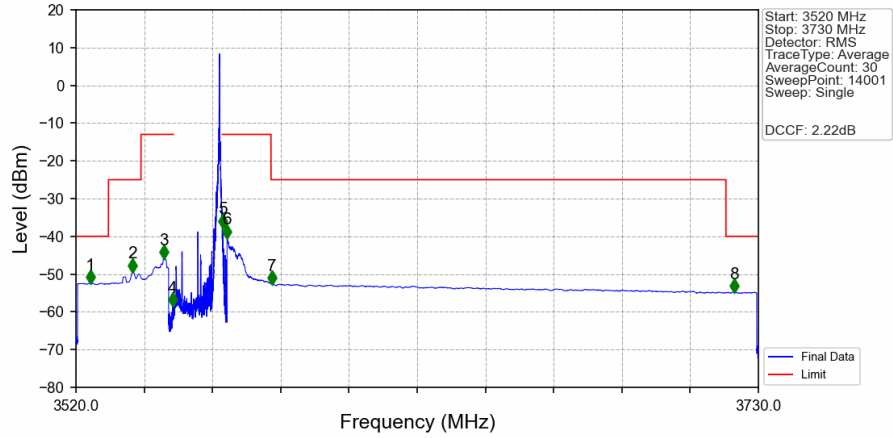
Band48 15MHz 256QAM LCH 3557.5MHz RB 1 0 NTNV



Band48 15MHz 256QAM LCH 3557.5MHz RB 1 0 NTNV

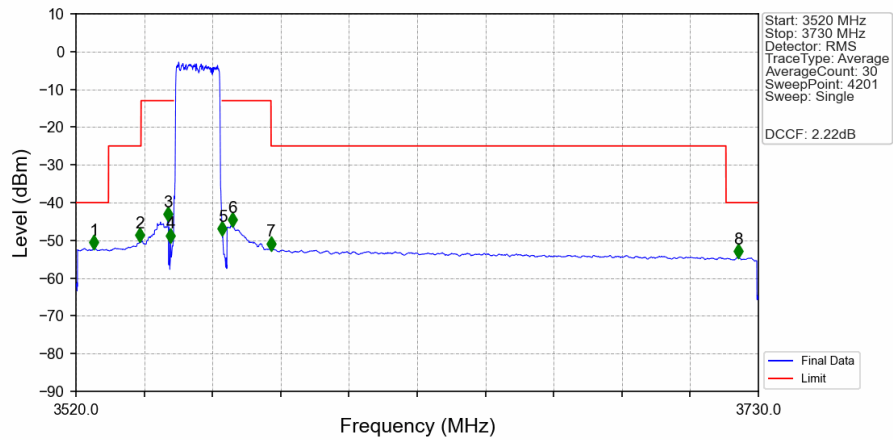


Band48 15MHz 256QAM LCH 3557.5MHz RB 1 74 NTN



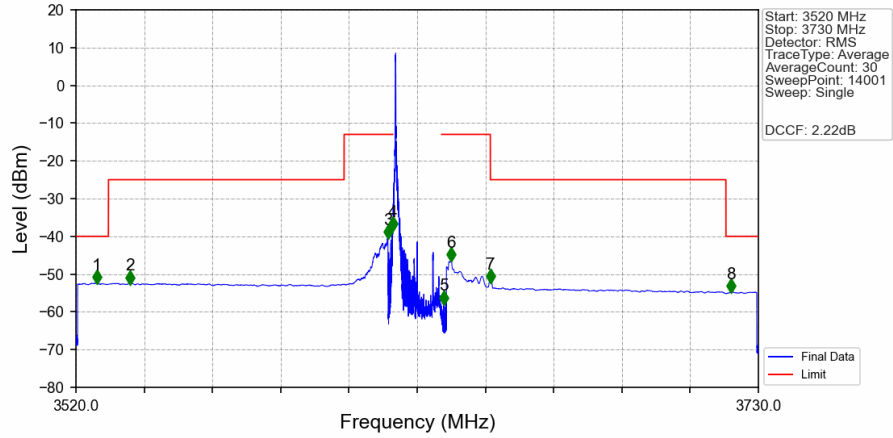
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.440	-52.34	-40	Pass
3530	3540	1	CHP	2	3537.460	-49.27	-25	Pass
3540	3549	1	CHP	3	3546.970	-45.67	-13	Pass
3549	3550	0.03	/	4	3549.790	-58.26	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.090	-37.51	-13	Pass
3566	3580	1	CHP	6	3566.500	-40.24	-13	Pass
3580	3720	1	CHP	7	3580.285	-52.51	-25	Pass
3720	3730	1	CHP	8	3722.620	-54.70	-40	Pass

Band48 15MHz 256QAM LCH 3557.5MHz RB 75 0 NTN



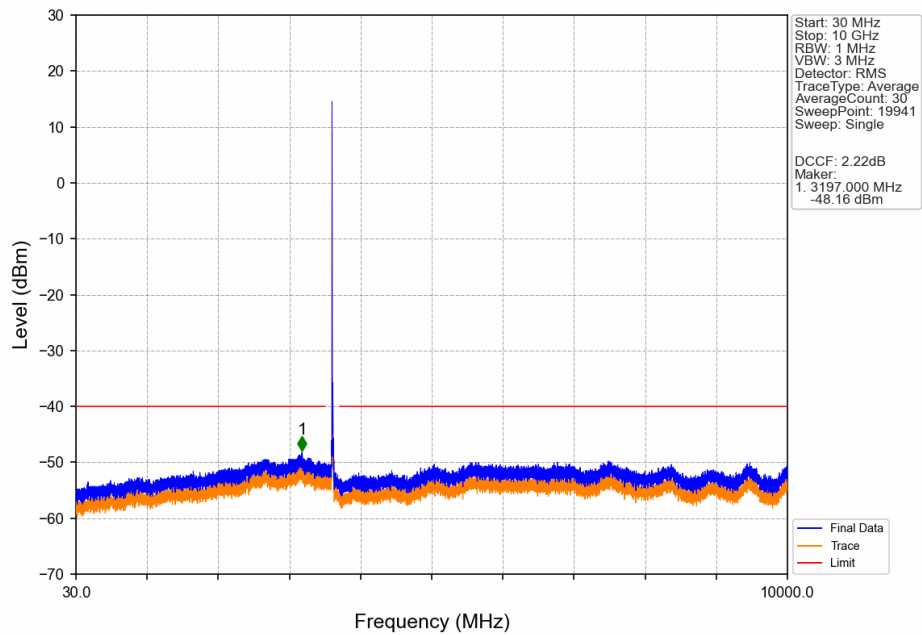
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.500	-52.10	-40	Pass
3530	3540	1	CHP	2	3539.650	-50.16	-25	Pass
3540	3549	1	CHP	3	3548.250	-44.56	-13	Pass
3549	3550	0.15	CHP	4	3549.100	-50.29	-13	Pass
3550	3565	0.15	CHP	/	/	/	/	/
3565	3566	0.15	CHP	5	3565.050	-48.51	-13	Pass
3566	3580	1	CHP	6	3568.200	-46.11	-13	Pass
3580	3720	1	CHP	7	3580.050	-52.38	-25	Pass
3720	3730	1	CHP	8	3723.750	-54.40	-40	Pass

Band48 15MHz 256QAM MCH 3625MHz RB 1 0 NTNV

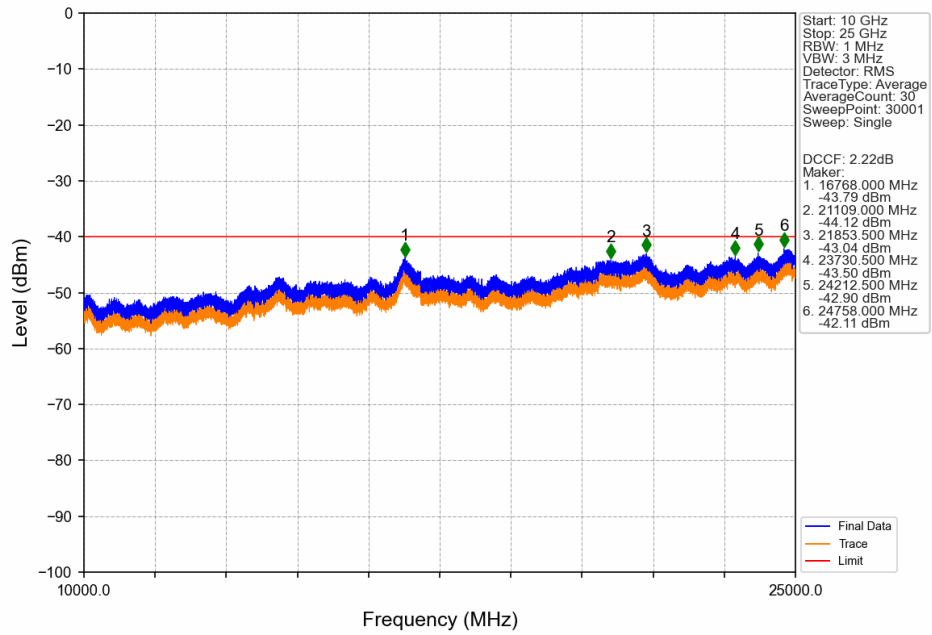


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.375	-52.33	-40	Pass
3530	3602.5	1	CHP	2	3536.575	-52.45	-25	Pass
3602.5	3616.5	1	CHP	3	3615.955	-40.35	-13	Pass
3616.5	3617.5	0.03	/	4	3617.470	-38.25	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3633.175	-57.78	-13	Pass
3633.5	3647.5	1	CHP	6	3635.485	-46.40	-13	Pass
3647.5	3720	1	CHP	7	3647.590	-52.12	-25	Pass
3720	3730	1	CHP	8	3721.630	-54.74	-40	Pass

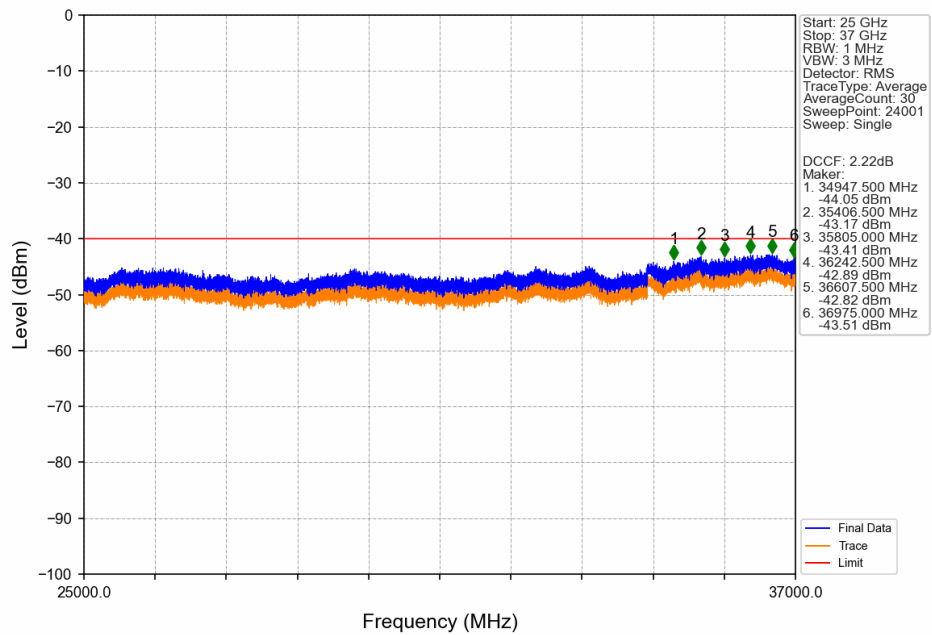
Band48 15MHz 256QAM MCH 3625MHz RB 1 0 NTNV



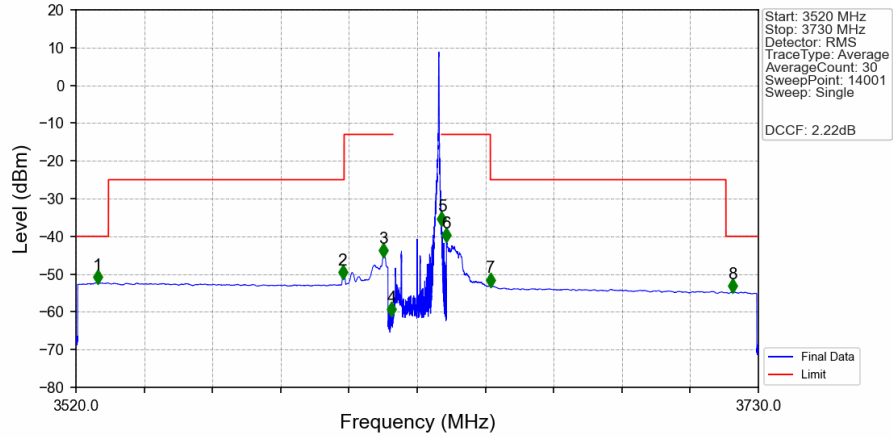
Band48 15MHz 256QAM MCH 3625MHz RB 1 0 NTNV



Band48 15MHz 256QAM MCH 3625MHz RB 1 0 NTNV

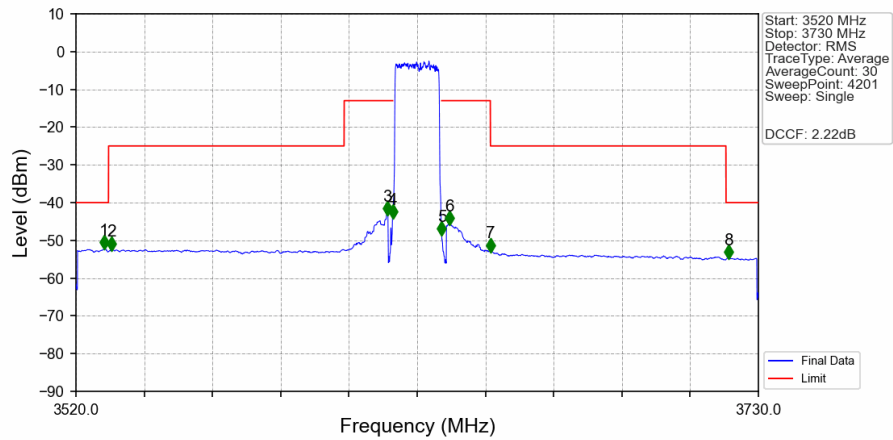


Band48 15MHz 256QAM MCH 3625MHz RB 1 74 NTNV



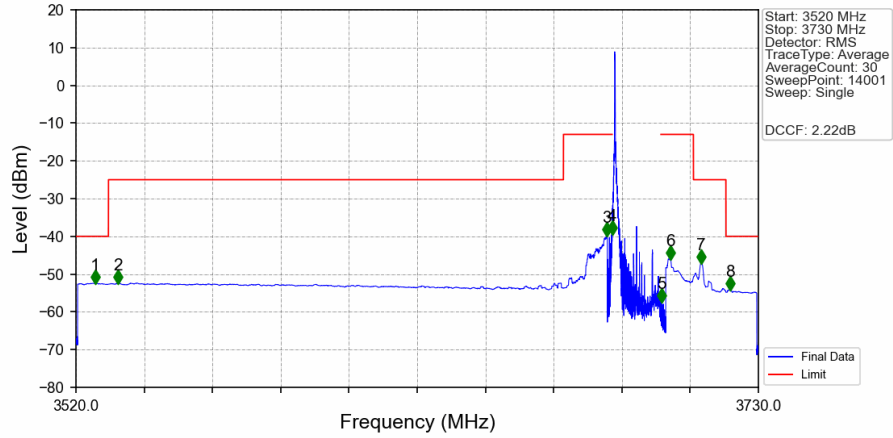
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.645	-52.31	-40	Pass
3530	3602.5	1	CHP	2	3602.080	-51.02	-25	Pass
3602.5	3616.5	1	CHP	3	3614.500	-45.32	-13	Pass
3616.5	3617.5	0.03	/	4	3617.095	-60.91	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.545	-36.86	-13	Pass
3633.5	3647.5	1	CHP	6	3634.000	-41.24	-13	Pass
3647.5	3720	1	CHP	7	3647.530	-53.11	-25	Pass
3720	3730	1	CHP	8	3722.035	-54.70	-40	Pass

Band48 15MHz 256QAM MCH 3625MHz RB 75 0 NTNV



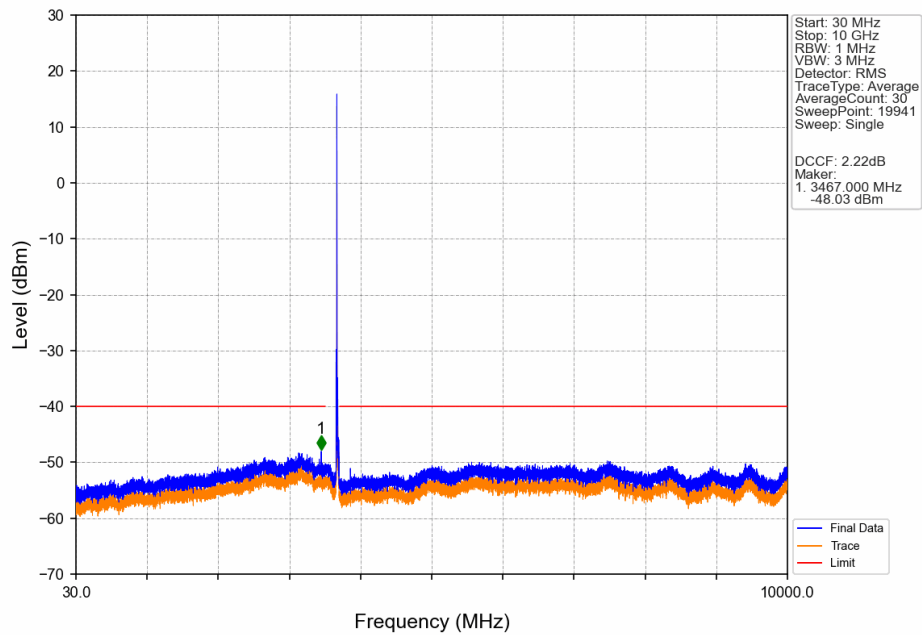
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.700	-52.11	-40	Pass
3530	3602.5	1	CHP	2	3530.900	-52.41	-25	Pass
3602.5	3616.5	1	CHP	3	3615.850	-43.05	-13	Pass
3616.5	3617.5	0.147	CHP	4	3617.450	-44.02	-13	Pass
3617.5	3632.5	0.147	CHP	/	/	/	/	/
3632.5	3633.5	0.147	CHP	5	3632.550	-48.41	-13	Pass
3633.5	3647.5	1	CHP	6	3635.000	-45.62	-13	Pass
3647.5	3720	1	CHP	7	3647.650	-52.81	-25	Pass
3720	3730	1	CHP	8	3720.850	-54.72	-40	Pass

Band48 15MHz 256QAM HCH 3692.5MHz RB 1 0 NTNV

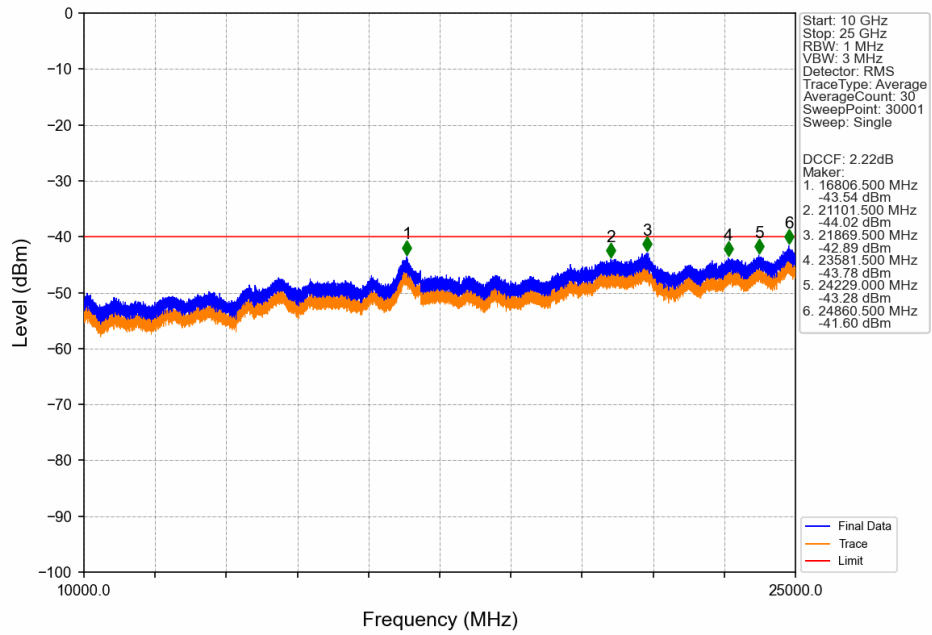


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.865	-52.39	-40	Pass
3530	3670	1	CHP	2	3533.020	-52.28	-25	Pass
3670	3684	1	CHP	3	3683.380	-39.73	-13	Pass
3684	3685	0.03	/	4	3684.955	-39.37	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.180	-57.22	-13	Pass
3701	3710	1	CHP	6	3702.910	-45.95	-13	Pass
3710	3720	1	CHP	7	3712.375	-46.95	-25	Pass
3720	3730	1	CHP	8	3721.270	-54.04	-40	Pass

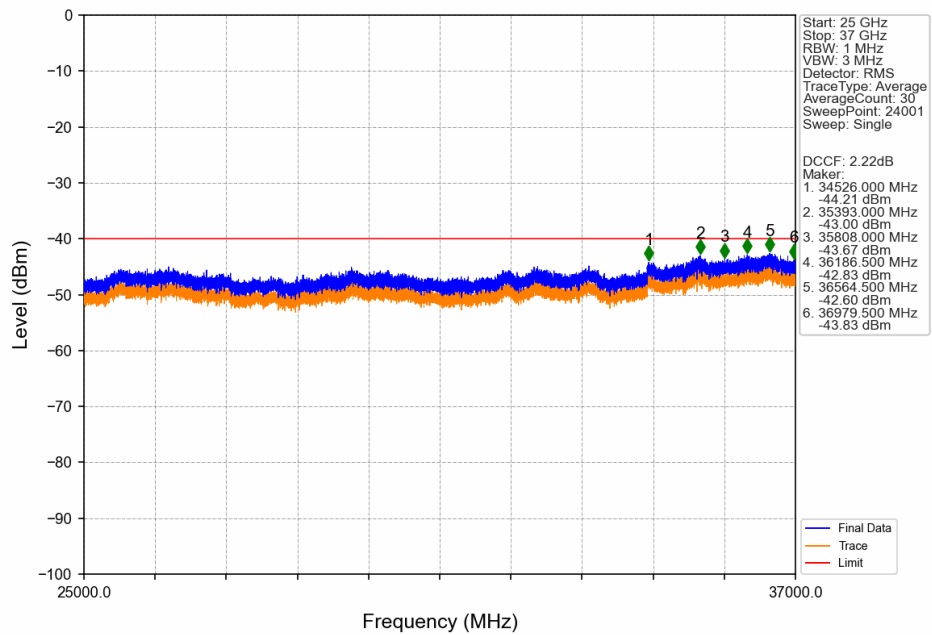
Band48 15MHz 256QAM HCH 3692.5MHz RB 1 0 NTNV



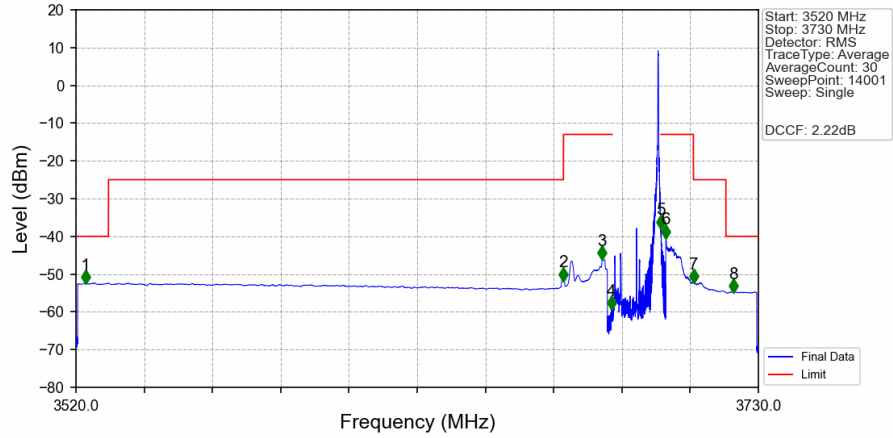
Band48 15MHz 256QAM HCH 3692.5MHz RB 1 0 NTNV



Band48 15MHz 256QAM HCH 3692.5MHz RB 1 0 NTNV

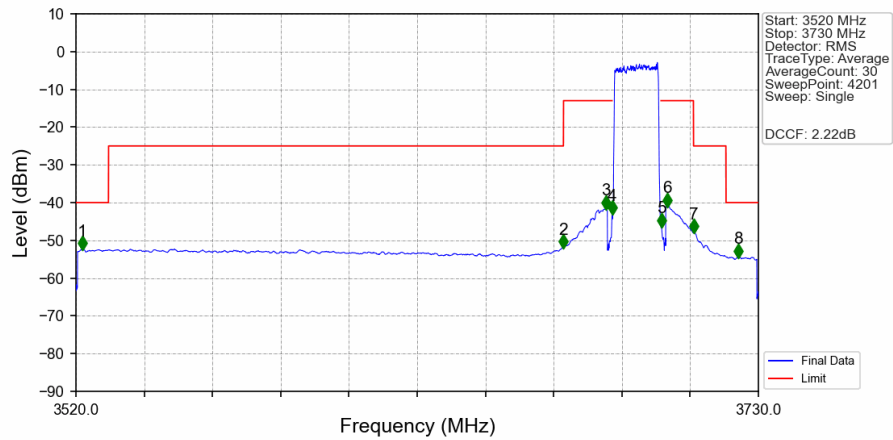


Band48 15MHz 256QAM HCH 3692.5MHz RB 1 74 NTNV



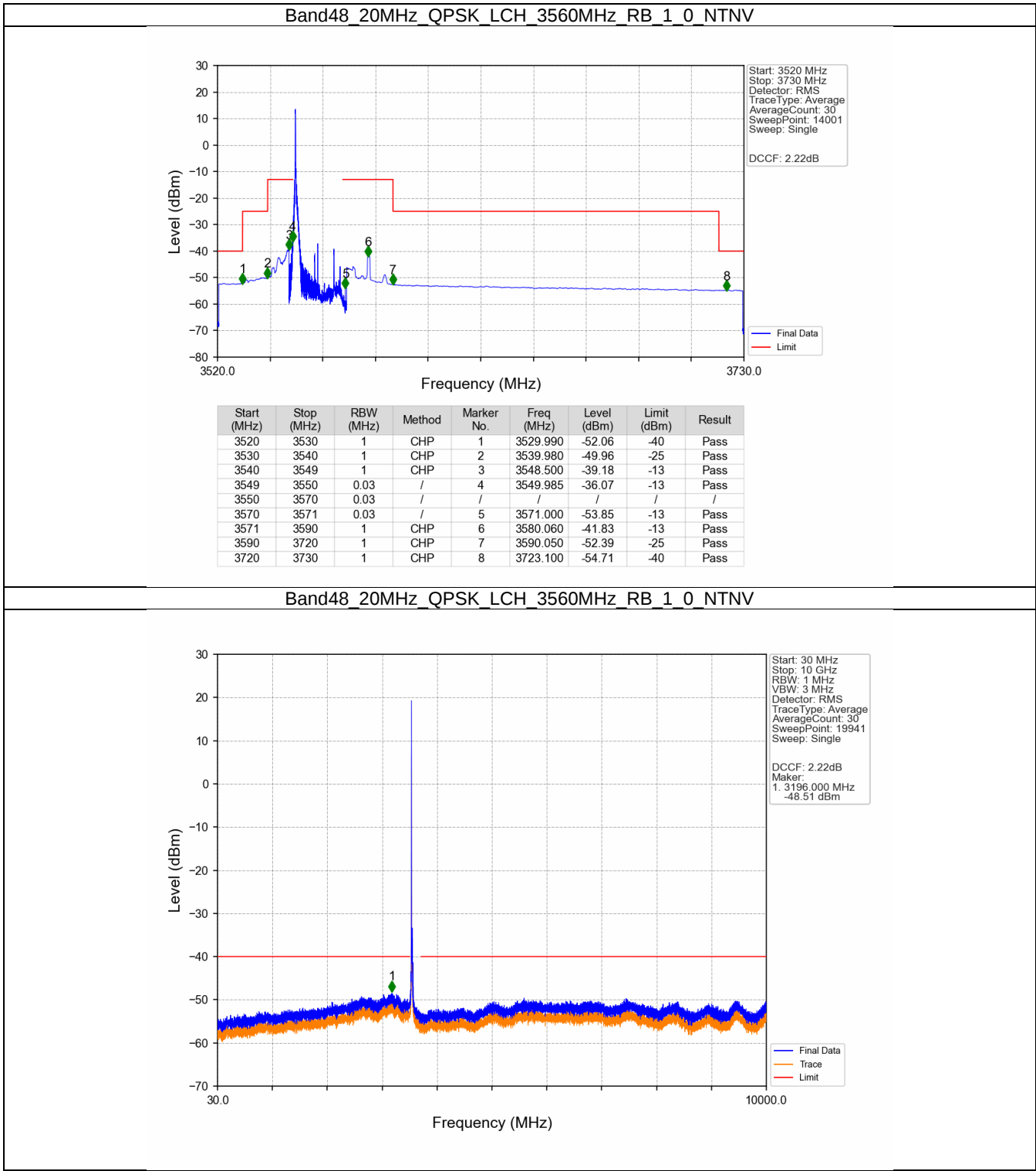
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.865	-52.36	-40	Pass
3530	3670	1	CHP	2	3669.970	-51.59	-25	Pass
3670	3684	1	CHP	3	3681.955	-45.95	-13	Pass
3684	3685	0.03	/	4	3684.805	-59.23	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.045	-37.72	-13	Pass
3701	3710	1	CHP	6	3701.515	-40.27	-13	Pass
3710	3720	1	CHP	7	3710.020	-52.16	-25	Pass
3720	3730	1	CHP	8	3722.395	-54.62	-40	Pass

Band48 15MHz 256QAM HCH 3692.5MHz RB 75 0 NTNV

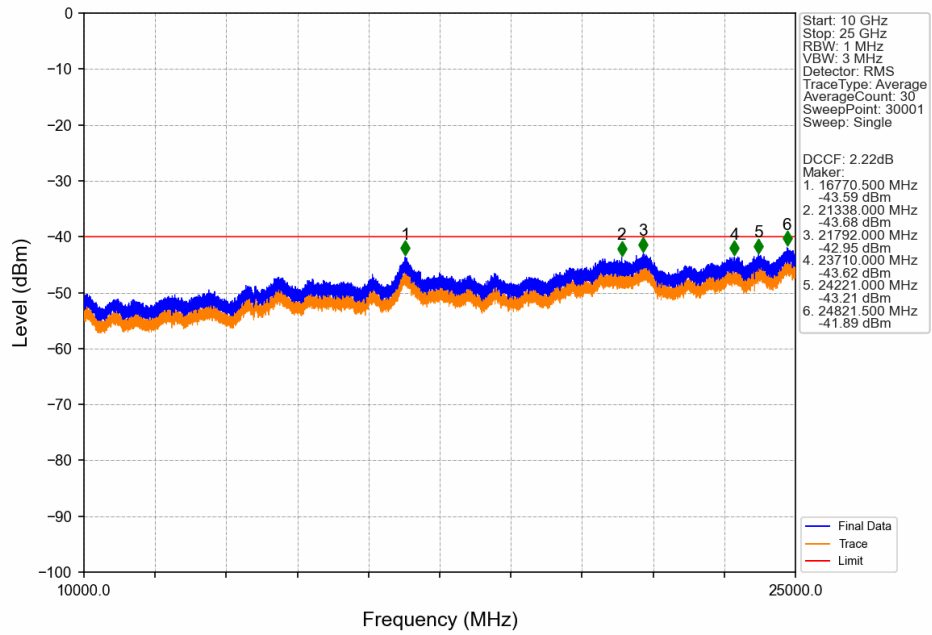


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.900	-52.24	-40	Pass
3530	3670	1	CHP	2	3670.000	-51.81	-25	Pass
3670	3684	1	CHP	3	3683.050	-41.51	-13	Pass
3684	3685	0.147	CHP	4	3684.950	-42.92	-13	Pass
3685	3700	0.147	CHP	/	/	/	/	/
3700	3701	0.147	CHP	5	3700.150	-46.22	-13	Pass
3701	3710	1	CHP	6	3701.850	-40.86	-13	Pass
3710	3720	1	CHP	7	3710.200	-47.79	-25	Pass
3720	3730	1	CHP	8	3723.900	-54.34	-40	Pass

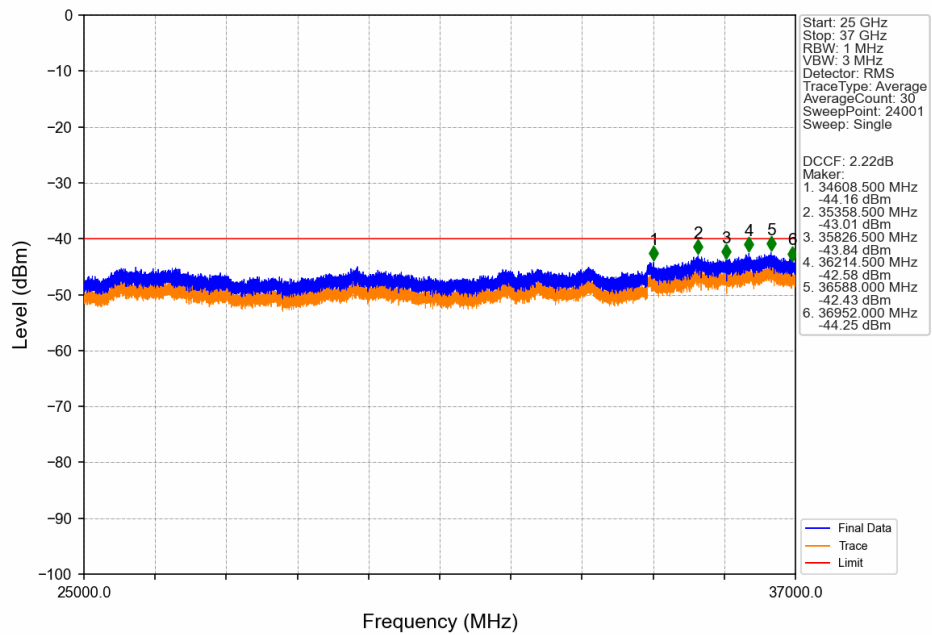
5.2.4 B48_20MHz



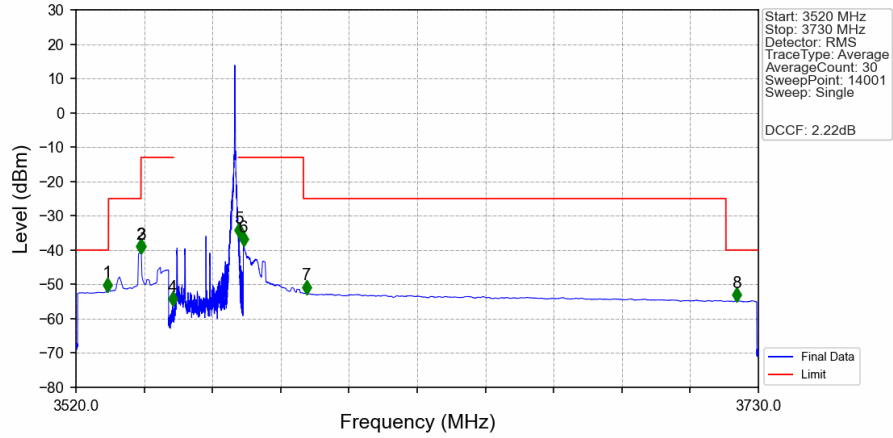
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTN



Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTN

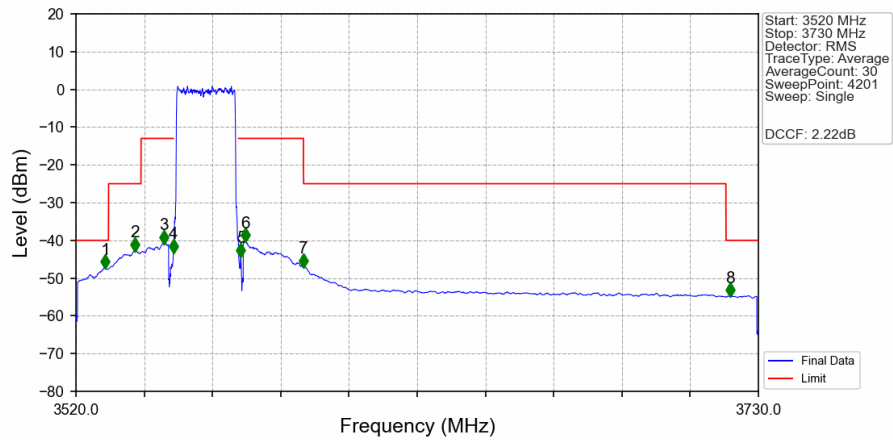


Band48 20MHz QPSK LCH 3560MHz RB 1 99 NTNV



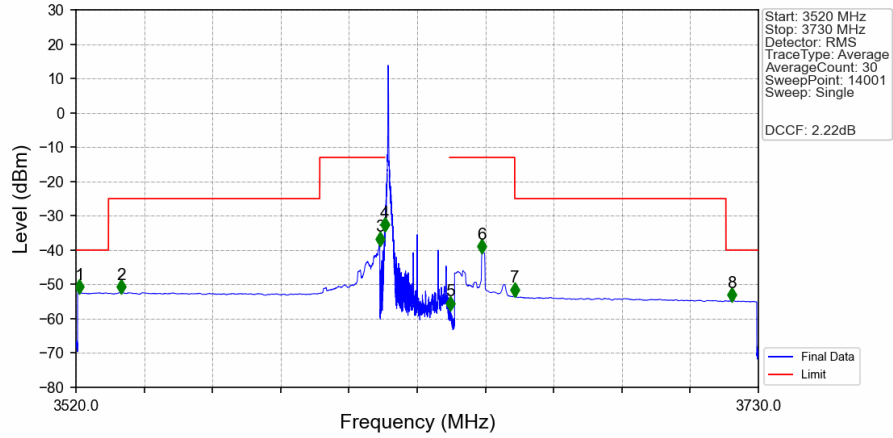
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.570	-51.79	-40	Pass
3530	3540	1	CHP	2	3539.980	-40.69	-25	Pass
3540	3549	1	CHP	3	3540.010	-40.68	-13	Pass
3549	3550	0.03	/	4	3549.760	-55.99	-13	Pass
3550	3570	0.03	/	/	/	/	/	/
3570	3571	0.03	/	5	3570.025	-35.96	-13	Pass
3571	3590	1	CHP	6	3571.510	-38.53	-13	Pass
3590	3720	1	CHP	7	3590.995	-52.53	-25	Pass
3720	3730	1	CHP	8	3723.325	-54.72	-40	Pass

Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



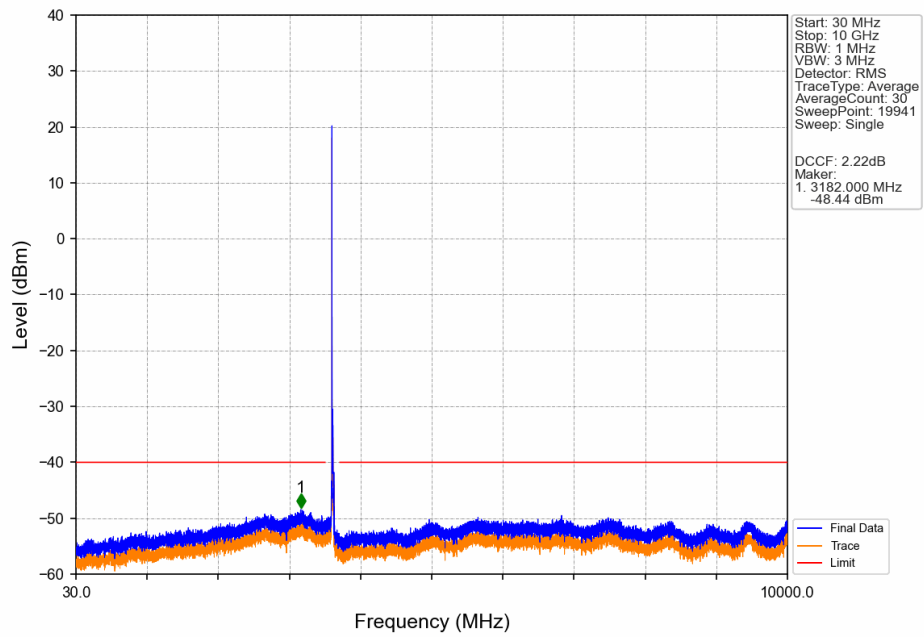
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.050	-47.19	-40	Pass
3530	3540	1	CHP	2	3538.050	-42.64	-25	Pass
3540	3549	1	CHP	3	3547.000	-40.70	-13	Pass
3549	3550	0.199	CHP	4	3549.950	-43.03	-13	Pass
3550	3570	0.199	CHP	/	/	/	/	/
3570	3571	0.199	CHP	5	3570.750	-44.09	-13	Pass
3571	3590	1	CHP	6	3572.200	-40.14	-13	Pass
3590	3720	1	CHP	7	3590.050	-46.92	-25	Pass
3720	3730	1	CHP	8	3721.300	-54.68	-40	Pass

Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV

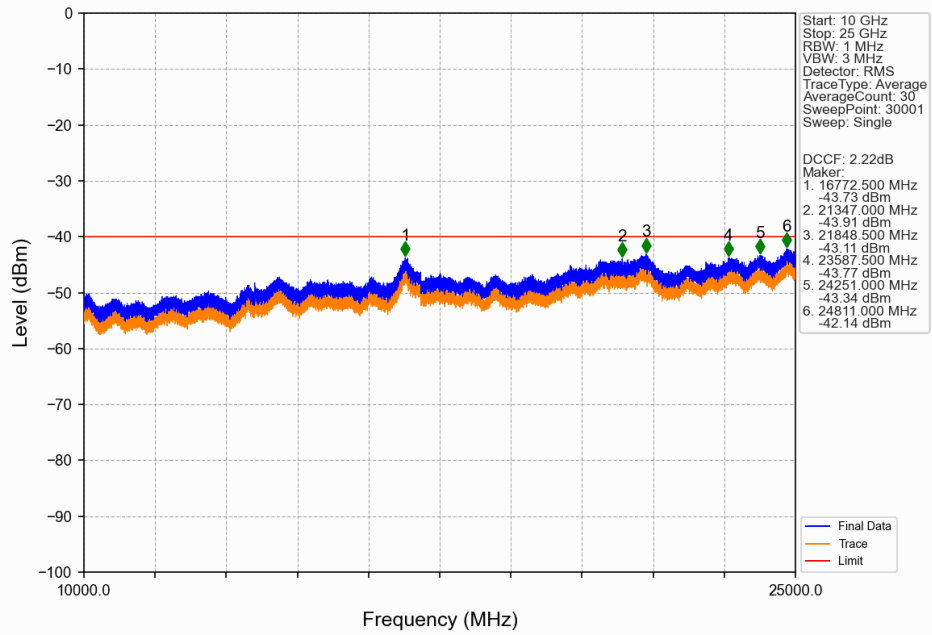


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.065	-52.38	-40	Pass
3530	3595	1	CHP	2	3533.905	-52.37	-25	Pass
3595	3614	1	CHP	3	3613.465	-38.42	-13	Pass
3614	3615	0.03	/	4	3614.995	-34.25	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.215	-57.24	-13	Pass
3636	3655	1	CHP	6	3644.980	-40.64	-13	Pass
3655	3720	1	CHP	7	3655.015	-53.24	-25	Pass
3720	3730	1	CHP	8	3721.735	-54.75	-40	Pass

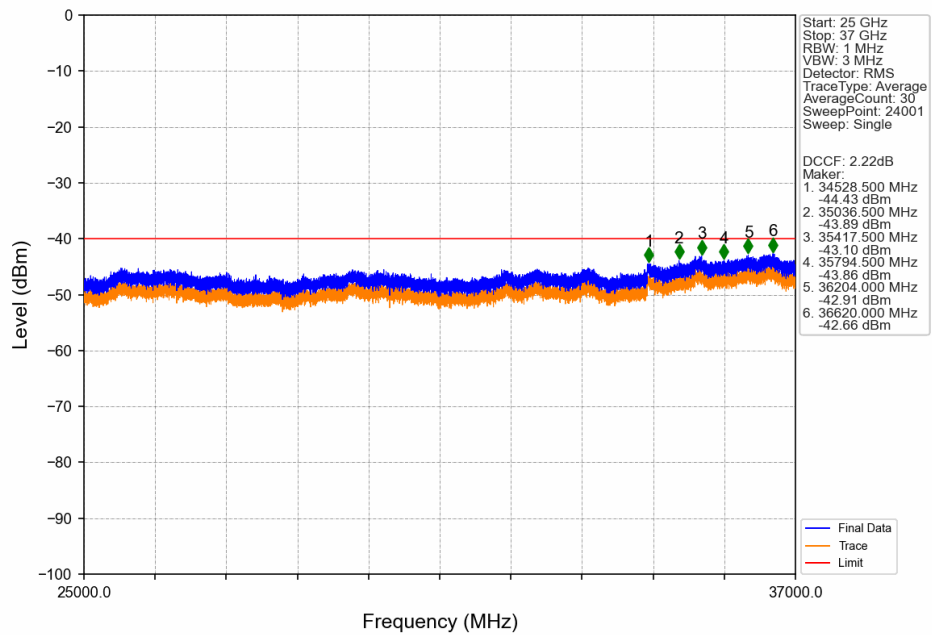
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



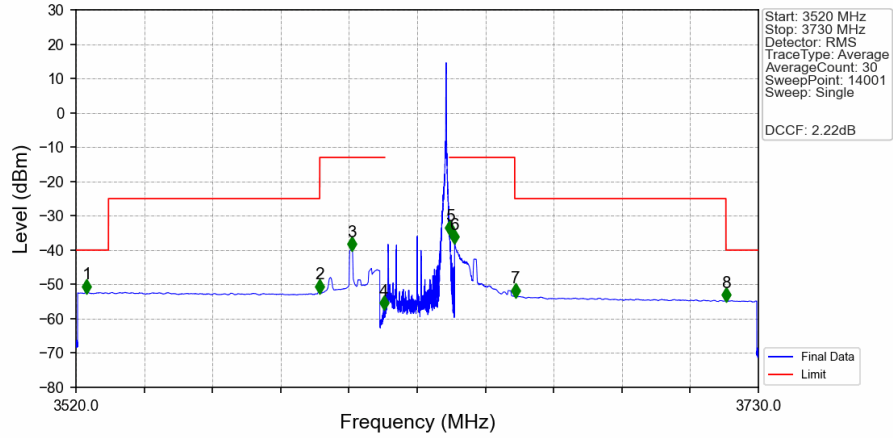
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV

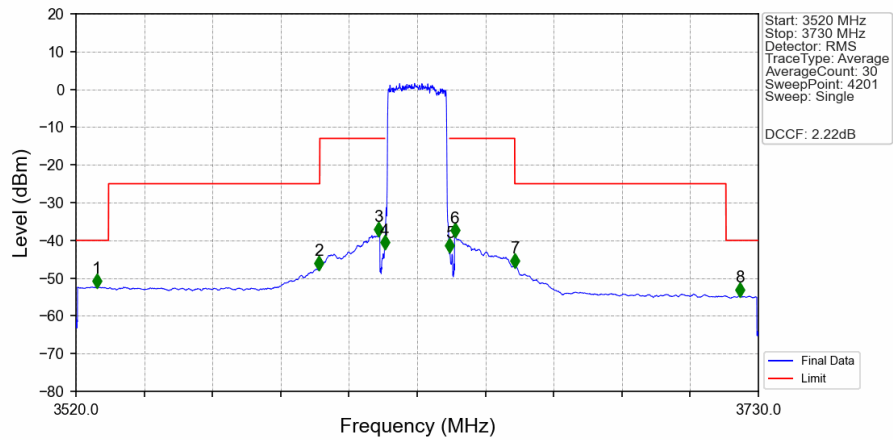


Band48 20MHz QPSK MCH 3625MHz RB 1 99 NTV



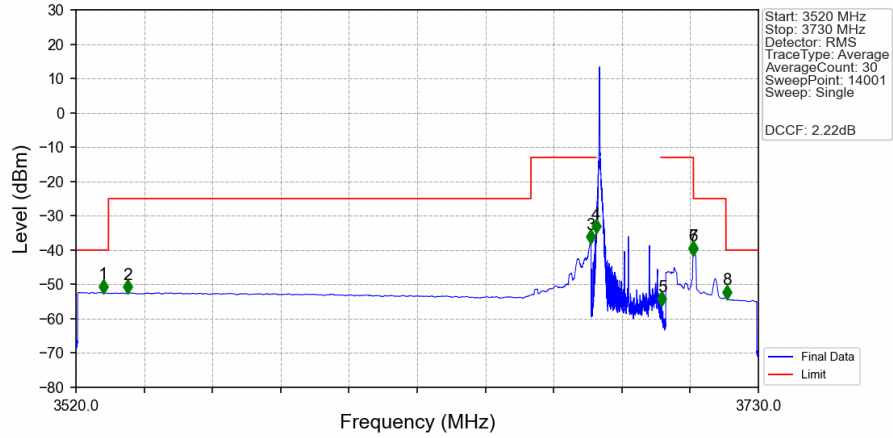
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.300	-52.28	-40	Pass
3530	3595	1	CHP	2	3594.970	-52.26	-25	Pass
3595	3614	1	CHP	3	3604.900	-39.88	-13	Pass
3614	3615	0.03	/	4	3614.740	-57.07	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.035	-35.18	-13	Pass
3636	3655	1	CHP	6	3636.505	-37.81	-13	Pass
3655	3720	1	CHP	7	3655.165	-53.46	-25	Pass
3720	3730	1	CHP	8	3720.145	-54.73	-40	Pass

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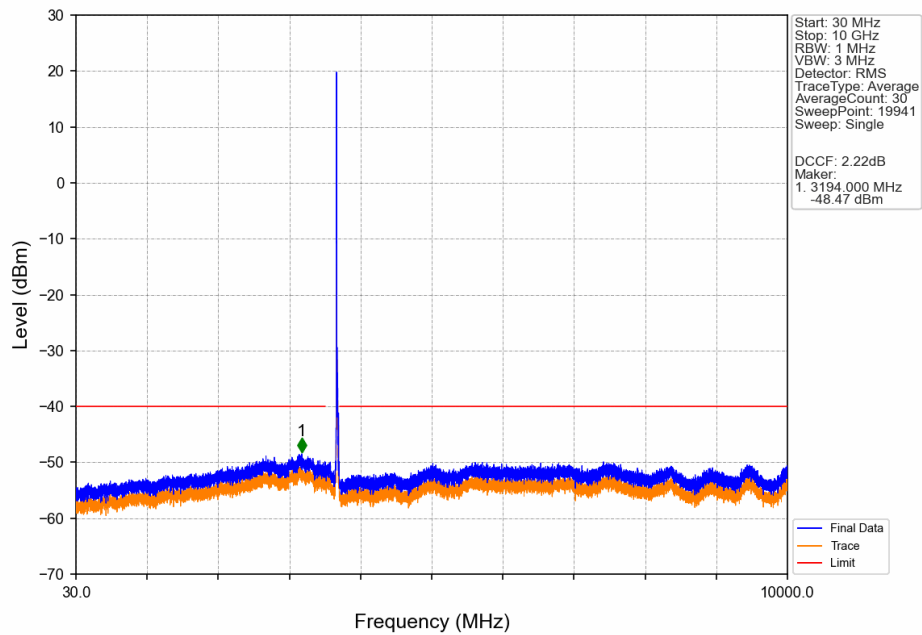
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.400	-52.26	-40	Pass
3530	3595	1	CHP	2	3594.800	-47.52	-25	Pass
3595	3614	1	CHP	3	3613.200	-38.54	-13	Pass
3614	3615	0.193	CHP	4	3614.950	-42.11	-13	Pass
3615	3635	0.193	CHP	/	/	/	/	/
3635	3636	0.193	CHP	5	3635.050	-42.83	-13	Pass
3636	3655	1	CHP	6	3636.550	-38.94	-13	Pass
3655	3720	1	CHP	7	3655.150	-46.87	-25	Pass
3720	3730	1	CHP	8	3724.300	-54.59	-40	Pass

Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTN

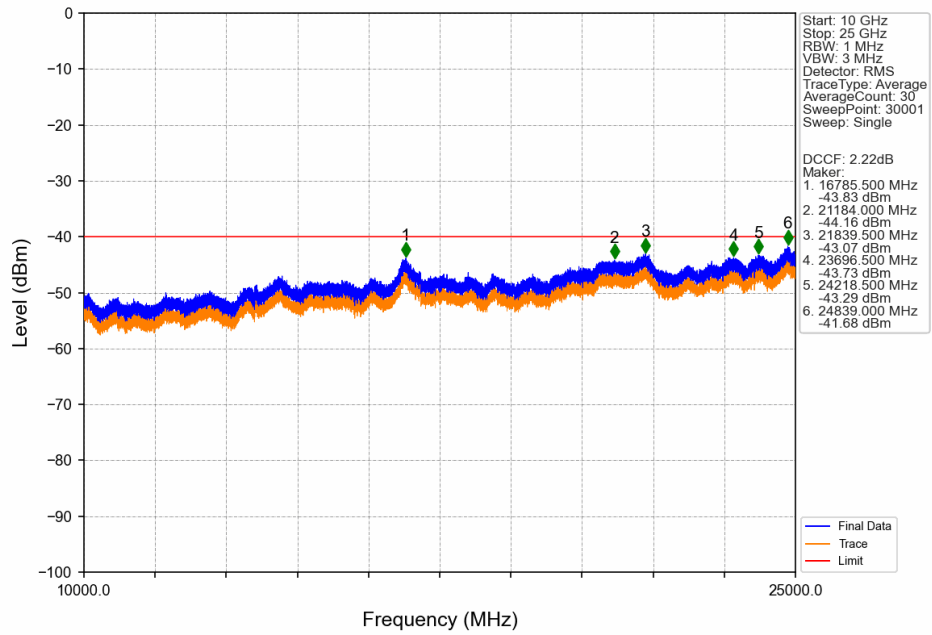


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.370	-52.30	-40	Pass
3530	3660	1	CHP	2	3535.945	-52.39	-25	Pass
3660	3679	1	CHP	3	3678.475	-37.86	-13	Pass
3679	3680	0.03	/	4	3679.990	-34.85	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.315	-55.87	-13	Pass
3701	3710	1	CHP	6	3709.945	-41.20	-13	Pass
3710	3720	1	CHP	7	3710.005	-41.19	-25	Pass
3720	3730	1	CHP	8	3720.220	-53.93	-40	Pass

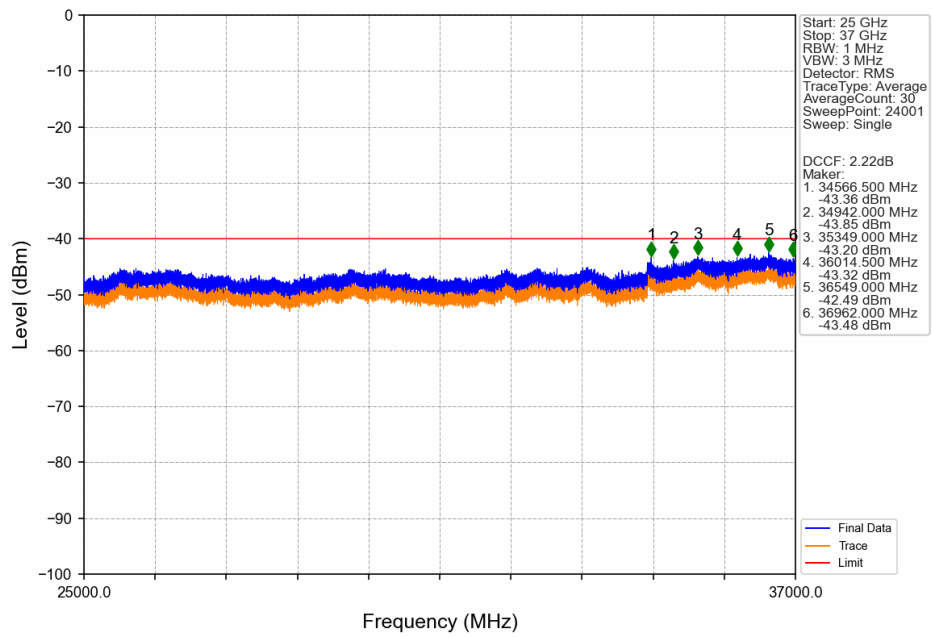
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTN



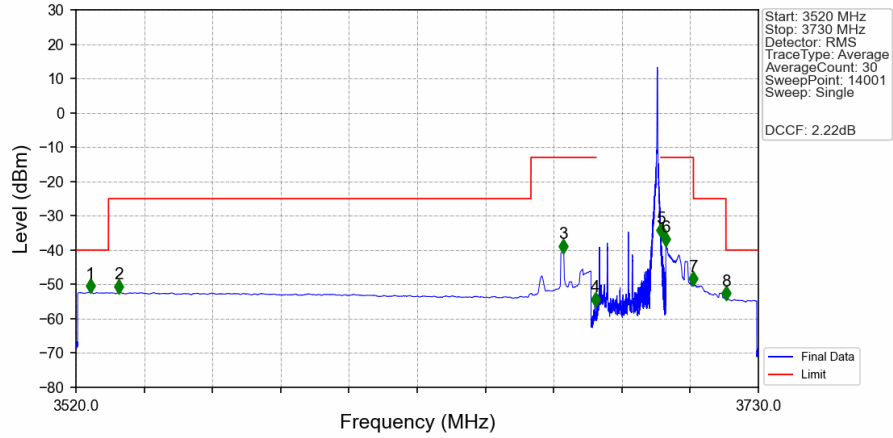
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV

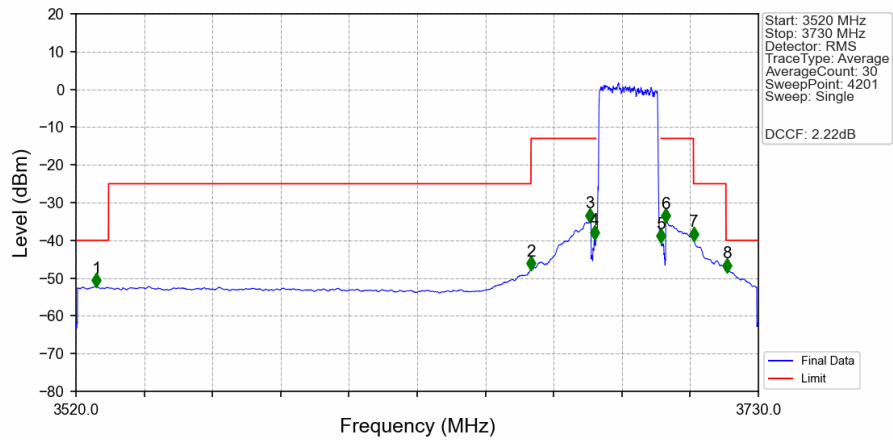


Band48 20MHz QPSK HCH 3690MHz RB 1 99 NTV



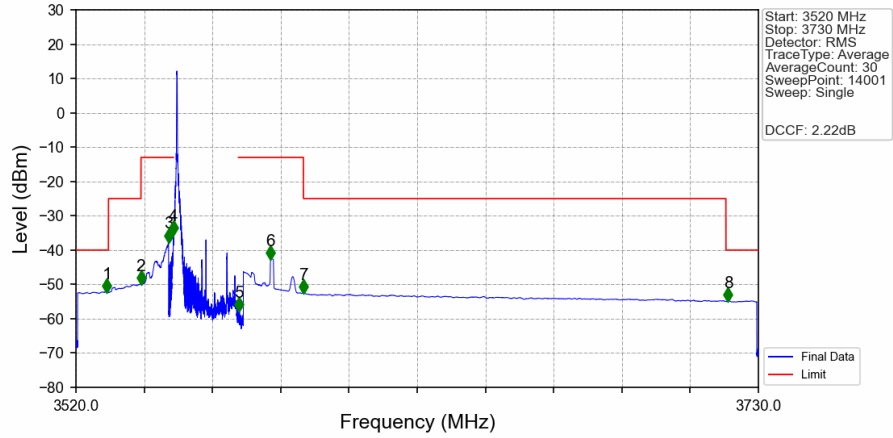
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.455	-52.24	-40	Pass
3530	3660	1	CHP	2	3533.230	-52.27	-25	Pass
3660	3679	1	CHP	3	3669.865	-40.52	-13	Pass
3679	3680	0.03	/	4	3679.735	-56.01	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-35.94	-13	Pass
3701	3710	1	CHP	6	3701.515	-38.50	-13	Pass
3710	3720	1	CHP	7	3710.005	-50.04	-25	Pass
3720	3730	1	CHP	8	3720.160	-54.25	-40	Pass

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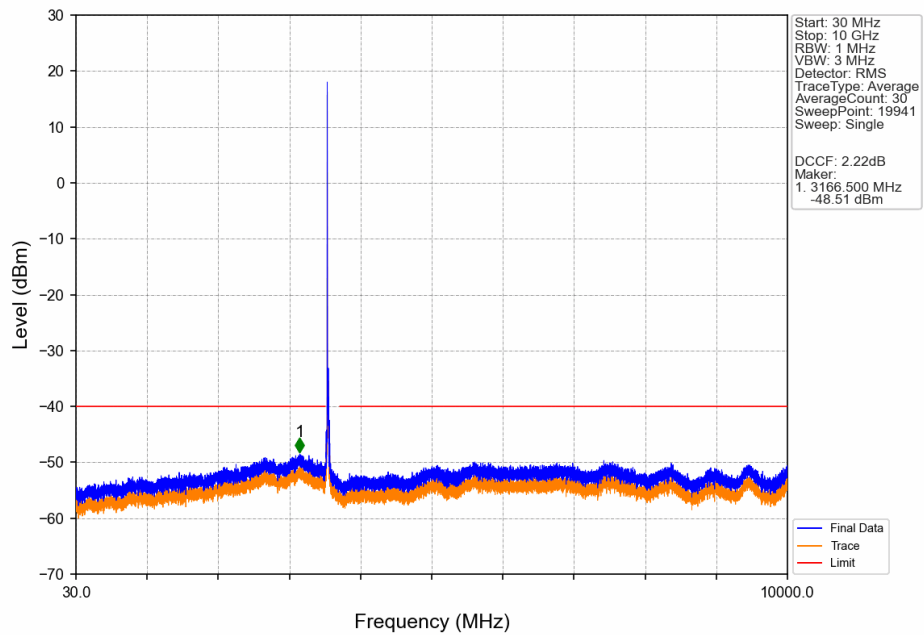
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.250	-52.19	-40	Pass
3530	3660	1	CHP	2	3660.000	-47.58	-25	Pass
3660	3679	1	CHP	3	3678.200	-34.94	-13	Pass
3679	3680	0.196	CHP	4	3679.550	-39.44	-13	Pass
3680	3700	0.196	CHP	/	/	/	/	/
3700	3701	0.196	CHP	5	3700.050	-40.32	-13	Pass
3701	3710	1	CHP	6	3701.500	-35.10	-13	Pass
3710	3720	1	CHP	7	3710.050	-39.86	-25	Pass
3720	3730	1	CHP	8	3720.350	-48.17	-40	Pass

Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTNV

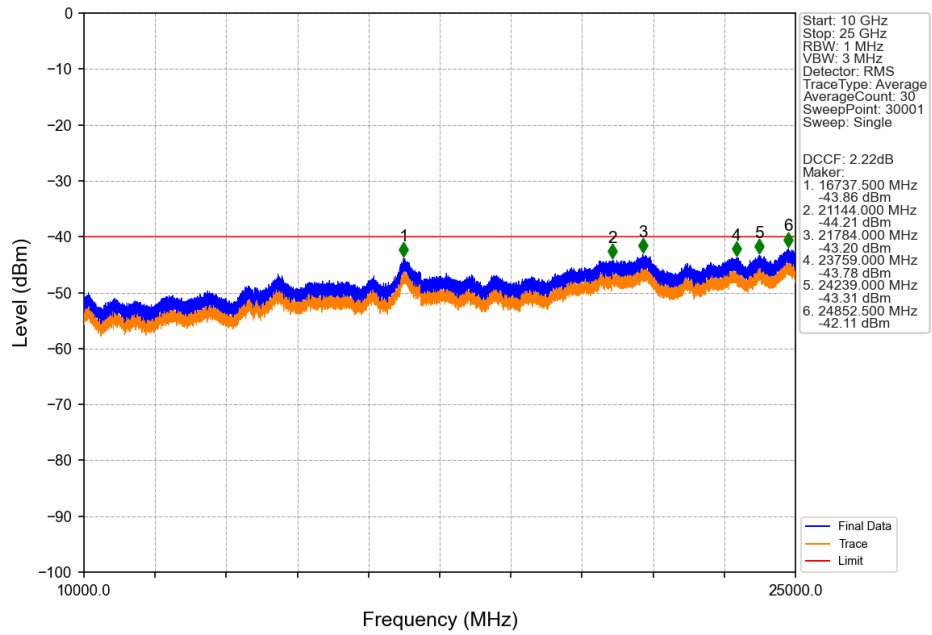


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.525	-52.16	-40	Pass
3530	3540	1	CHP	2	3539.995	-49.86	-25	Pass
3540	3549	1	CHP	3	3548.500	-37.47	-13	Pass
3549	3550	0.03	/	4	3549.955	-35.30	-13	Pass
3550	3570	0.03	/	/	/	/	/	/
3570	3571	0.03	/	5	3570.220	-57.60	-13	Pass
3571	3590	1	CHP	6	3579.940	-42.50	-13	Pass
3590	3720	1	CHP	7	3590.080	-52.45	-25	Pass
3720	3730	1	CHP	8	3720.685	-54.77	-40	Pass

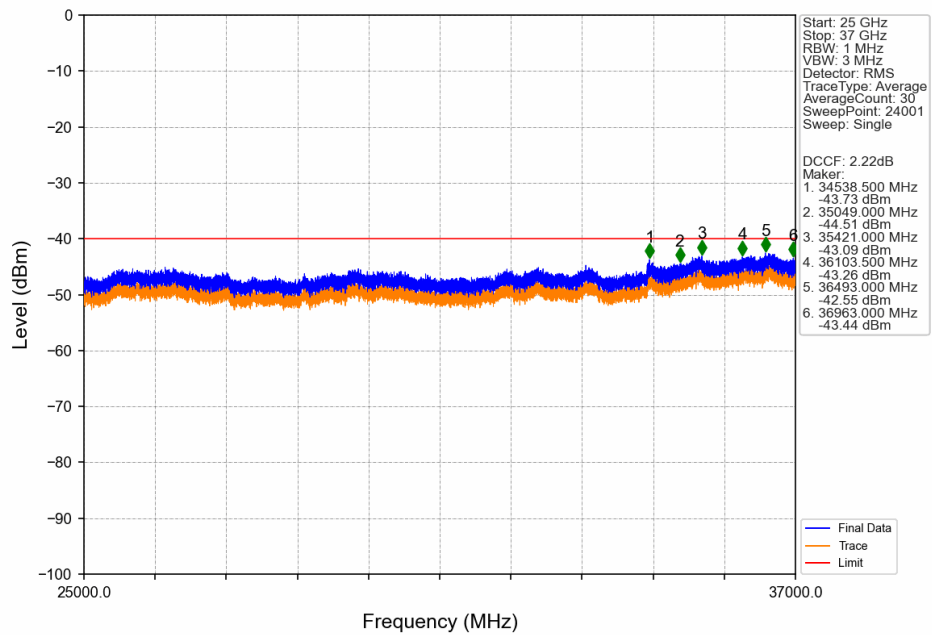
Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTNV



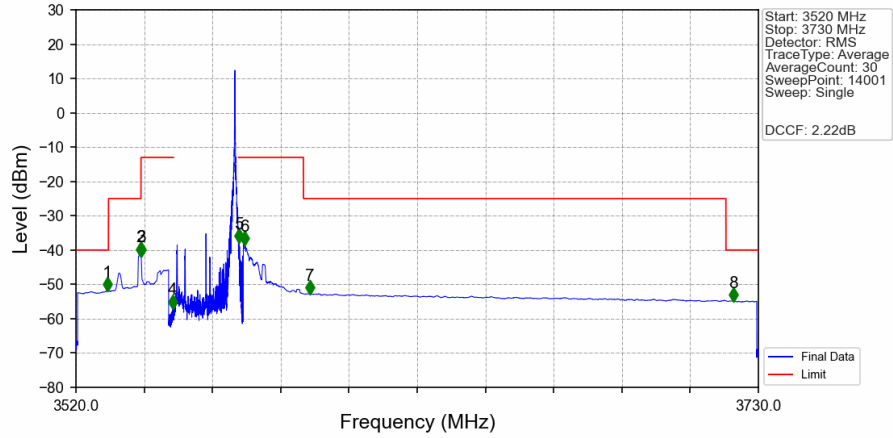
Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTV



Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTV

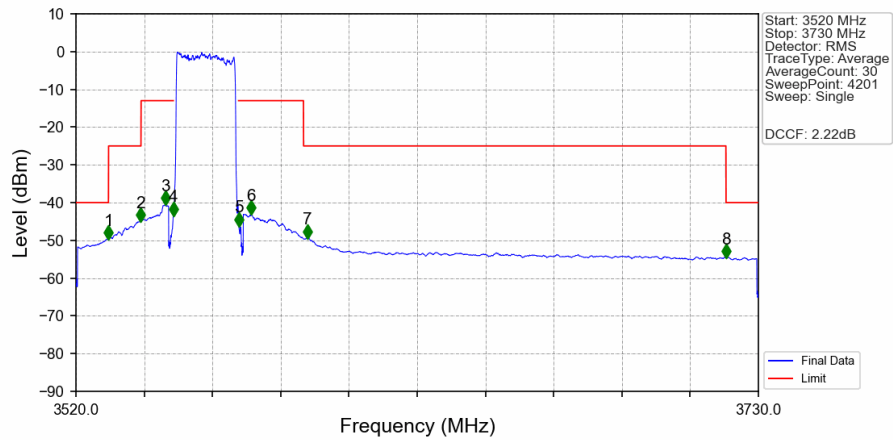


Band48 20MHz 16QAM LCH 3560MHz RB 1 99 NTNV



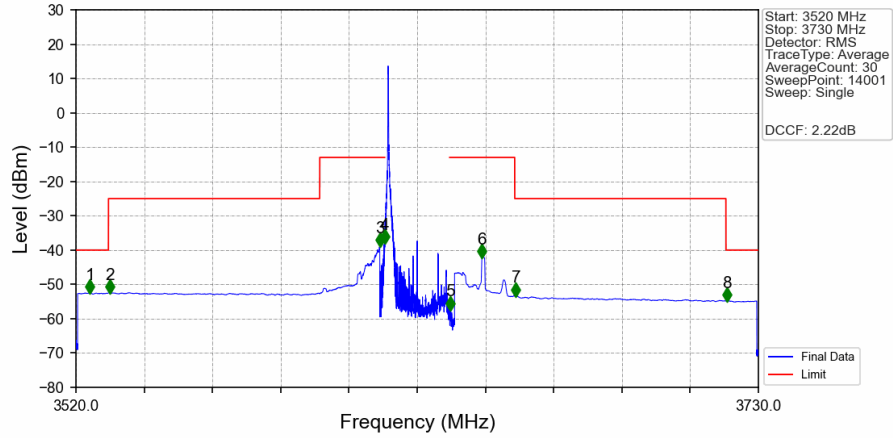
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.630	-51.62	-40	Pass
3530	3540	1	CHP	2	3539.980	-41.44	-25	Pass
3540	3549	1	CHP	3	3540.010	-41.45	-13	Pass
3549	3550	0.03	/	4	3549.745	-56.77	-13	Pass
3550	3570	0.03	/	/	/	/	/	/
3570	3571	0.03	/	5	3570.130	-37.56	-13	Pass
3571	3590	1	CHP	6	3571.840	-38.25	-13	Pass
3590	3720	1	CHP	7	3592.030	-52.65	-25	Pass
3720	3730	1	CHP	8	3722.275	-54.75	-40	Pass

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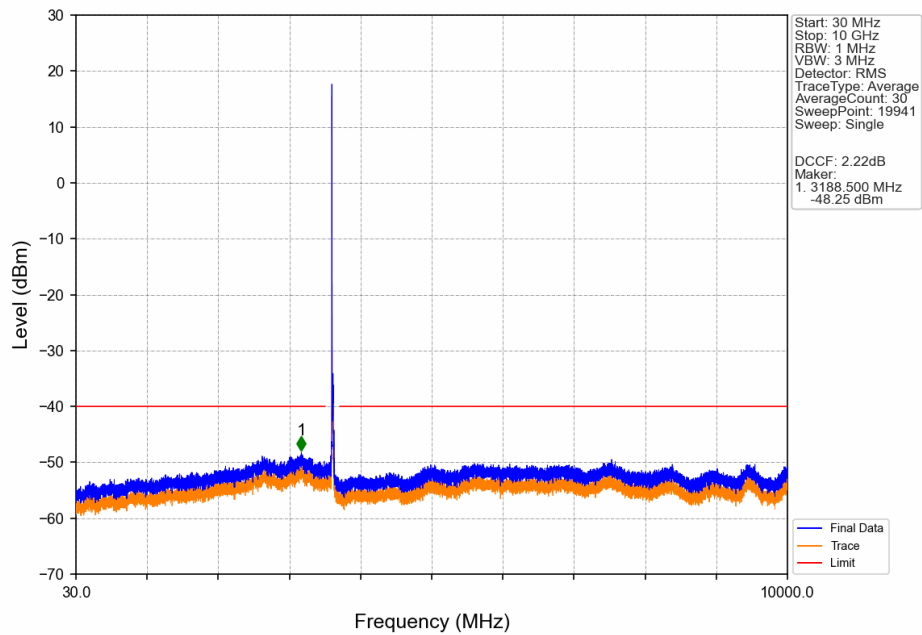
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.950	-49.46	-40	Pass
3530	3540	1	CHP	2	3539.800	-44.83	-25	Pass
3540	3549	1	CHP	3	3547.500	-40.40	-13	Pass
3549	3550	0.201	CHP	4	3549.950	-43.22	-13	Pass
3550	3570	0.201	CHP	/	/	/	/	/
3570	3571	0.201	CHP	5	3570.050	-46.00	-13	Pass
3571	3590	1	CHP	6	3573.900	-42.94	-13	Pass
3590	3720	1	CHP	7	3591.150	-49.19	-25	Pass
3720	3730	1	CHP	8	3720.150	-54.36	-40	Pass

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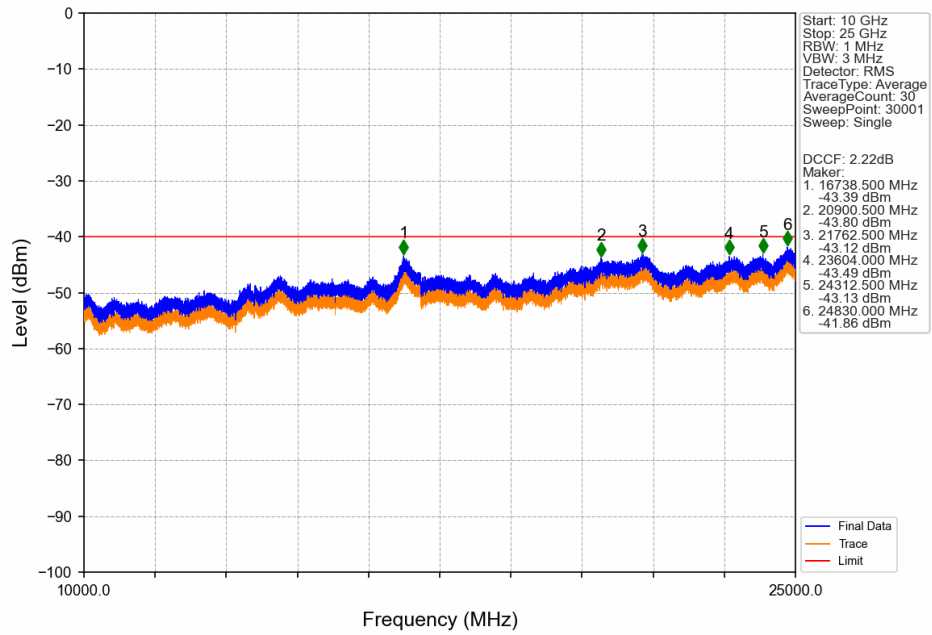


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.305	-52.40	-40	Pass
3530	3595	1	CHP	2	3530.470	-52.38	-25	Pass
3595	3614	1	CHP	3	3613.495	-38.70	-13	Pass
3614	3615	0.03	/	4	3614.995	-37.88	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.215	-57.23	-13	Pass
3636	3655	1	CHP	6	3644.935	-42.00	-13	Pass
3655	3720	1	CHP	7	3655.405	-53.24	-25	Pass
3720	3730	1	CHP	8	3720.295	-54.73	-40	Pass

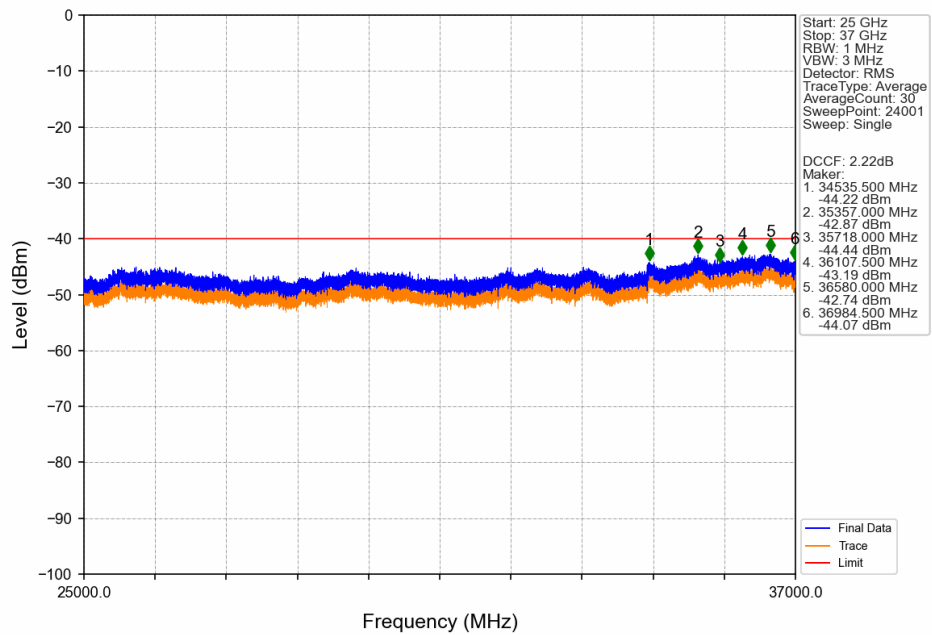
Band48 20MHz 16QAM MCH 3625MHz RB 1 0 NTNV



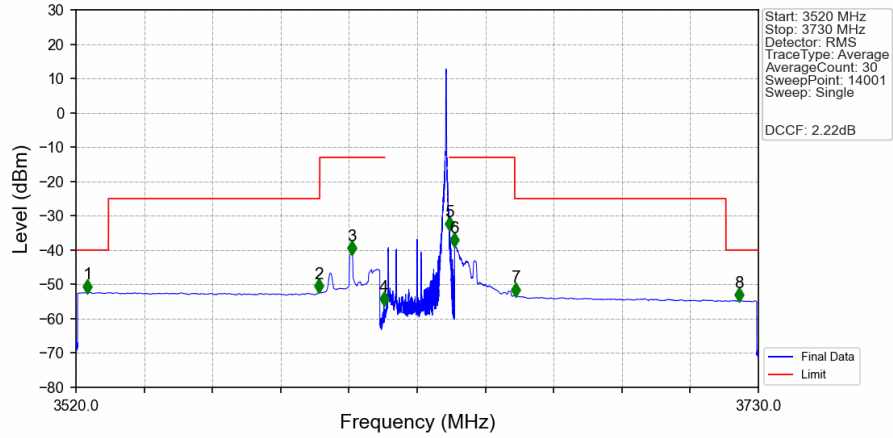
Band48 20MHz 16QAM MCH 3625MHz RB 1 0 NTNV



Band48 20MHz 16QAM MCH 3625MHz RB 1 0 NTNV

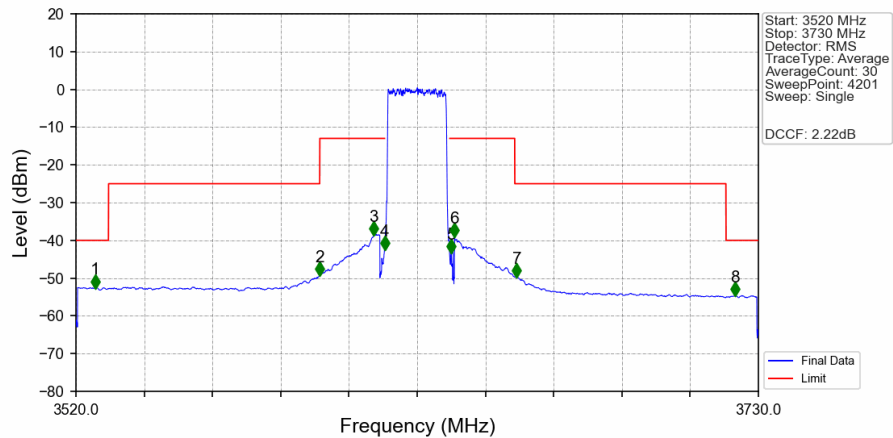


Band48 20MHz 16QAM MCH 3625MHz RB 1 99 NTNV



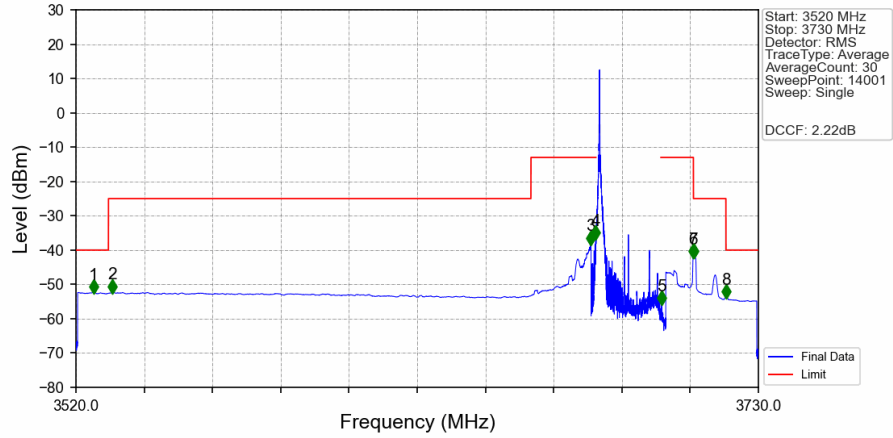
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.585	-52.28	-40	Pass
3530	3595	1	CHP	2	3594.820	-52.22	-25	Pass
3595	3614	1	CHP	3	3604.900	-41.03	-13	Pass
3614	3615	0.03	/	4	3614.755	-55.87	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.005	-34.02	-13	Pass
3636	3655	1	CHP	6	3636.505	-38.71	-13	Pass
3655	3720	1	CHP	7	3655.390	-53.19	-25	Pass
3720	3730	1	CHP	8	3724.120	-54.68	-40	Pass

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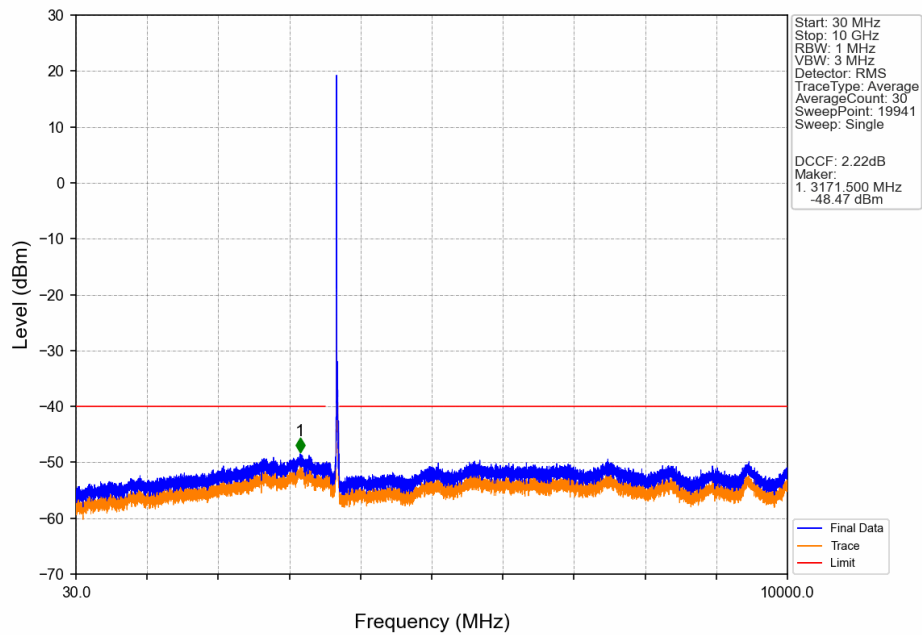
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.950	-52.46	-40	Pass
3530	3595	1	CHP	2	3595.000	-49.15	-25	Pass
3595	3614	1	CHP	3	3611.700	-38.39	-13	Pass
3614	3615	0.198	CHP	4	3614.950	-42.36	-13	Pass
3615	3635	0.198	CHP	/	/	/	/	/
3635	3636	0.198	CHP	5	3635.450	-43.20	-13	Pass
3636	3655	1	CHP	6	3636.500	-38.93	-13	Pass
3655	3720	1	CHP	7	3655.650	-49.50	-25	Pass
3720	3730	1	CHP	8	3722.900	-54.55	-40	Pass

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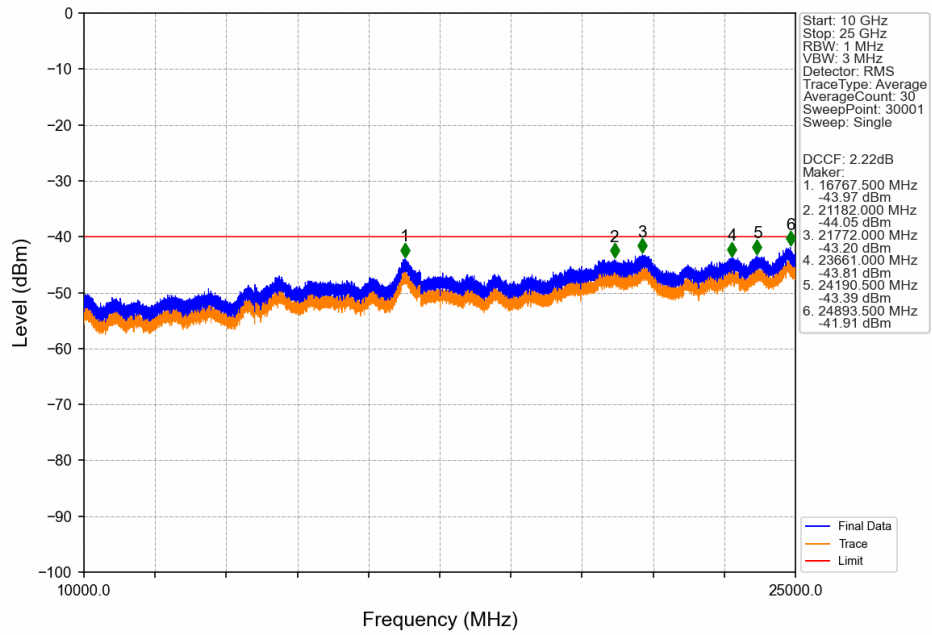


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.475	-52.33	-40	Pass
3530	3660	1	CHP	2	3531.265	-52.27	-25	Pass
3660	3679	1	CHP	3	3678.370	-38.15	-13	Pass
3679	3680	0.03	/	4	3679.930	-36.59	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.225	-55.76	-13	Pass
3701	3710	1	CHP	6	3709.990	-42.12	-13	Pass
3710	3720	1	CHP	7	3710.050	-42.11	-25	Pass
3720	3730	1	CHP	8	3720.160	-53.78	-40	Pass

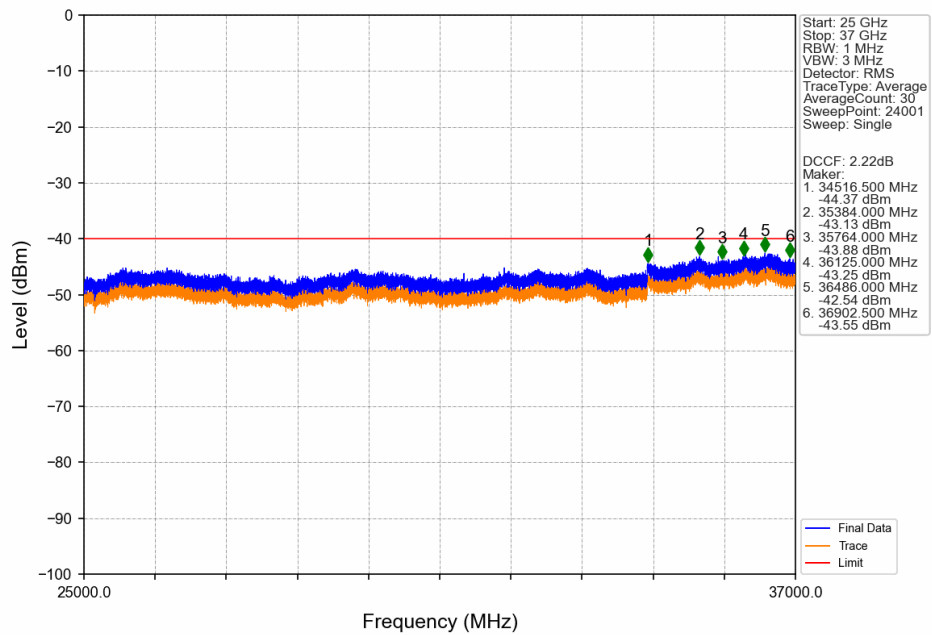
Band48 20MHz 16QAM HCH 3690MHz RB 1 0 NTV



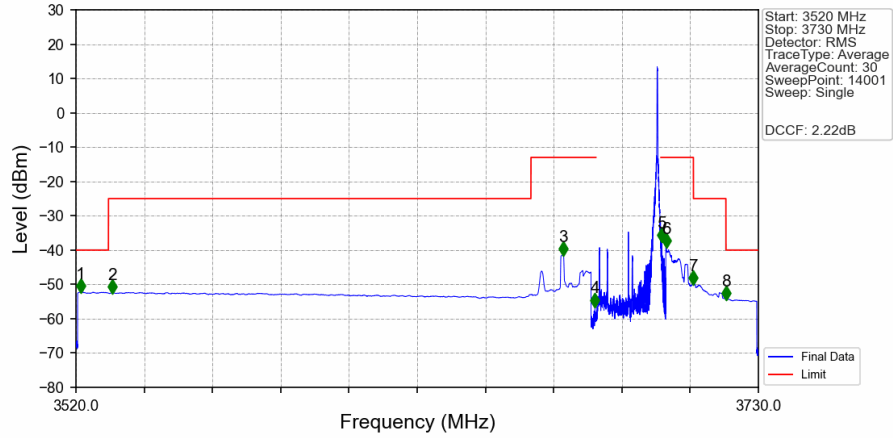
Band48 20MHz 16QAM HCH 3690MHz RB 1 0 NTV



Band48 20MHz 16QAM HCH 3690MHz RB 1 0 NTV

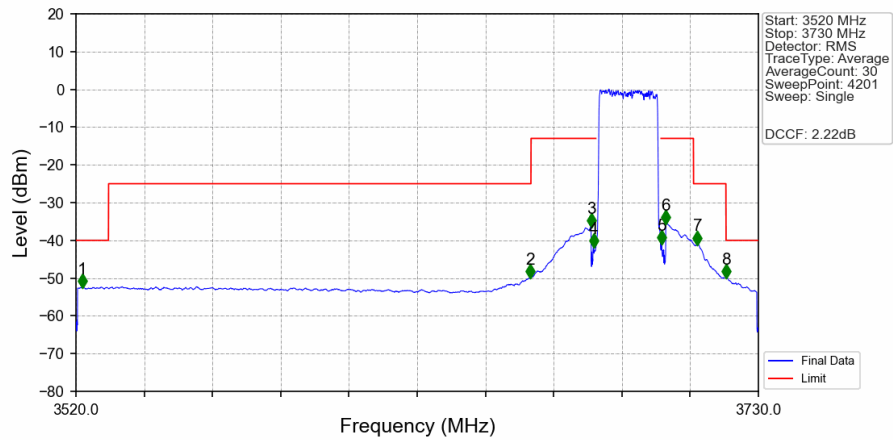


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.380	-52.22	-40	Pass
3530	3660	1	CHP	2	3531.130	-52.32	-25	Pass
3660	3679	1	CHP	3	3669.925	-41.43	-13	Pass
3679	3680	0.03	/	4	3679.720	-56.30	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.210	-37.32	-13	Pass
3701	3710	1	CHP	6	3701.665	-39.07	-13	Pass
3710	3720	1	CHP	7	3710.005	-49.74	-25	Pass
3720	3730	1	CHP	8	3720.010	-54.20	-40	Pass

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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.950	-52.35	-40	Pass
3530	3660	1	CHP	2	3659.750	-49.75	-25	Pass
3660	3679	1	CHP	3	3678.500	-36.34	-13	Pass
3679	3680	0.196	CHP	4	3679.250	-41.63	-13	Pass
3680	3700	0.196	CHP	/	/	/	/	/
3700	3701	0.196	CHP	5	3700.200	-40.85	-13	Pass
3701	3710	1	CHP	6	3701.500	-35.42	-13	Pass
3710	3720	1	CHP	7	3711.250	-40.92	-25	Pass
3720	3730	1	CHP	8	3720.050	-49.71	-40	Pass