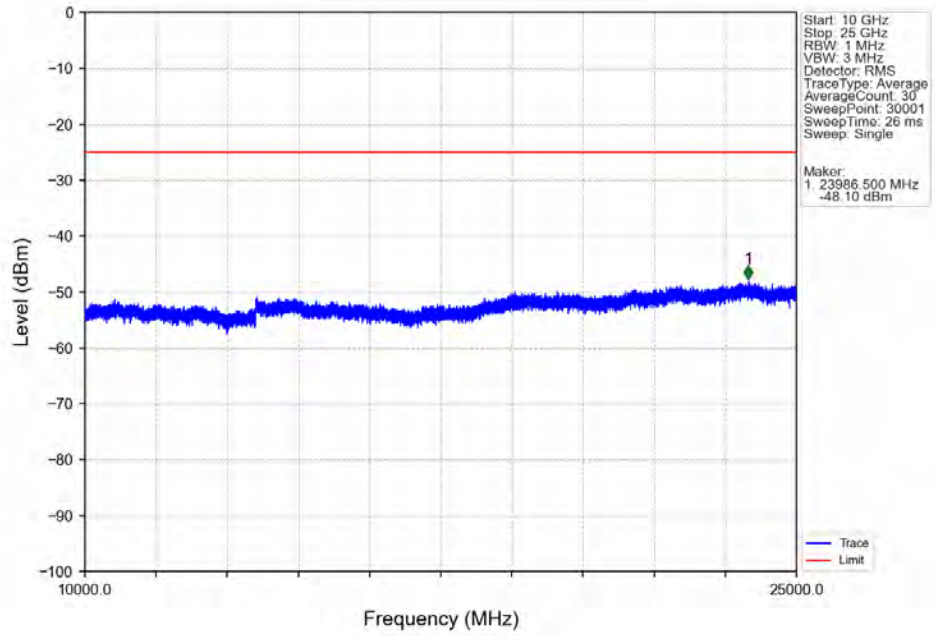
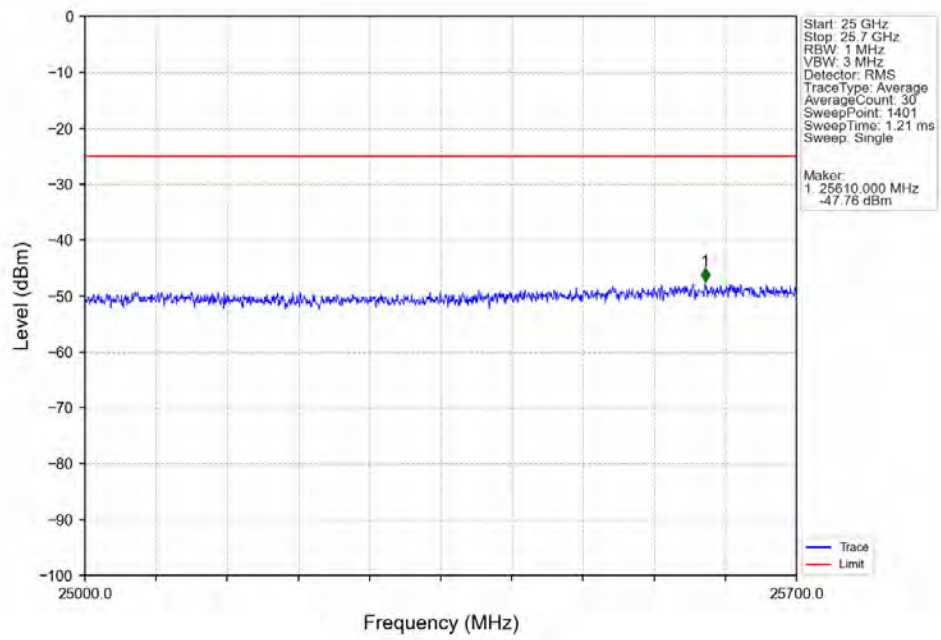
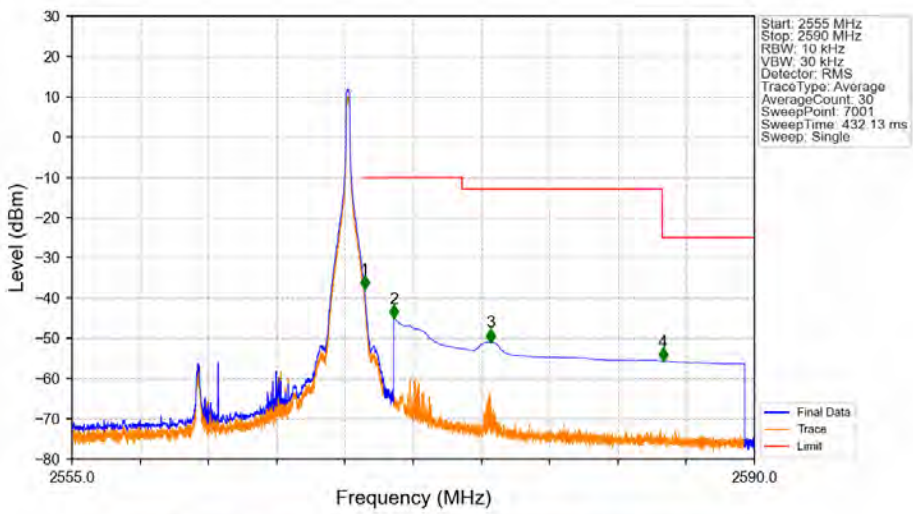
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV

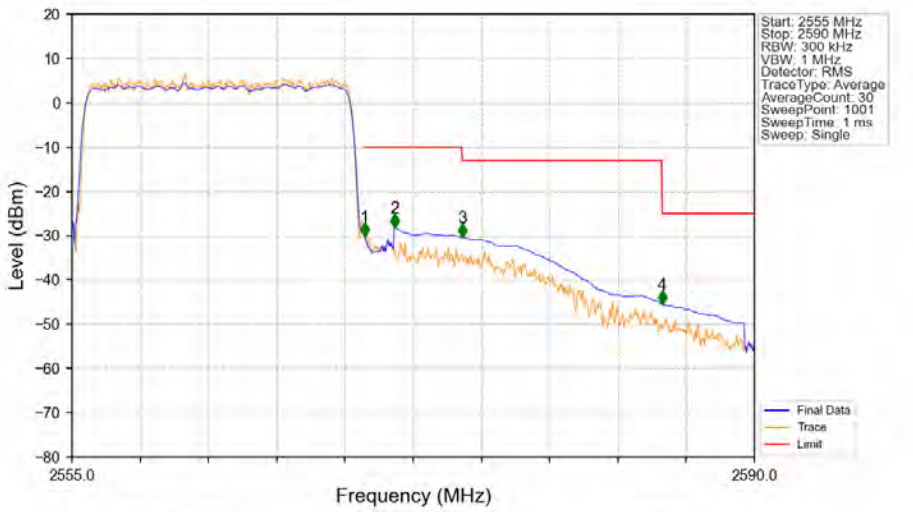


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



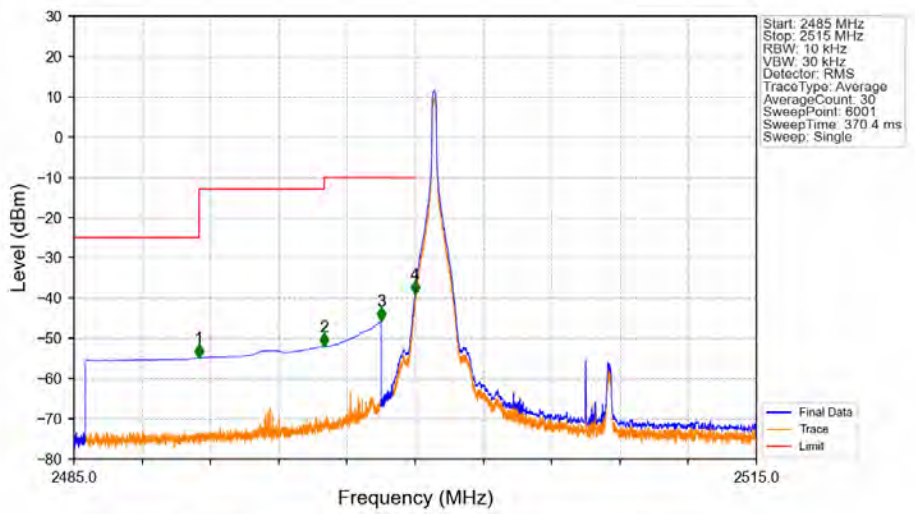
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.83	-10	Pass
2571	2575	1	CHP	2	2571.500	-45.00	-10	Pass
2575	2585.272	1	CHP	3	2576.480	-50.99	-13	Pass
2585.272	2590	1	CHP	4	2585.315	-55.69	-25	Pass

Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



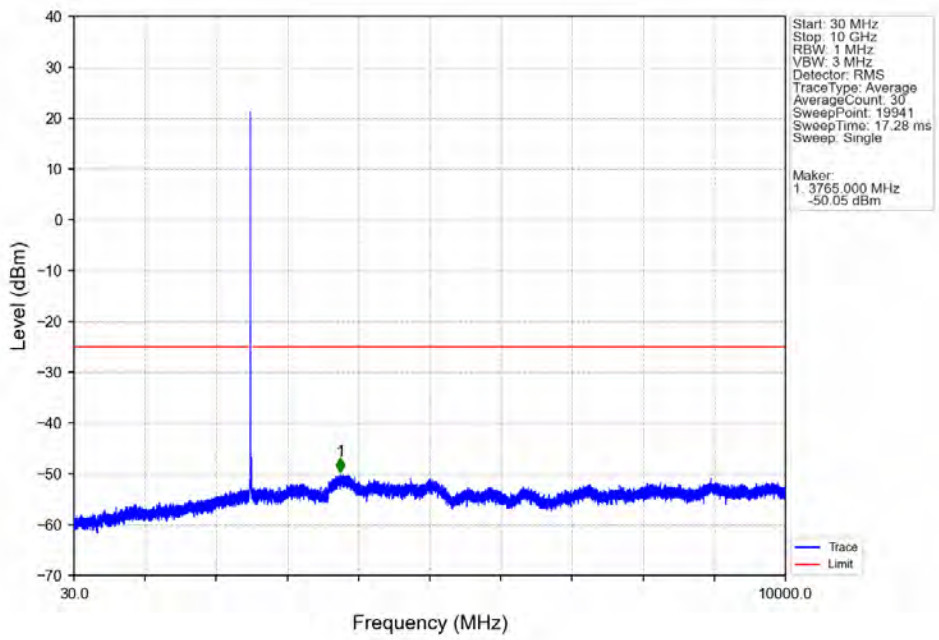
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.305	CHP	/	/	/	/	/
2570	2571	0.305	CHP	1	2570.015	-30.28	-10	Pass
2571	2575	1	CHP	2	2571.555	-28.14	-10	Pass
2575	2585.272	1	CHP	3	2575.020	-30.39	-13	Pass
2585.272	2590	1	CHP	4	2585.275	-45.54	-25	Pass

Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV

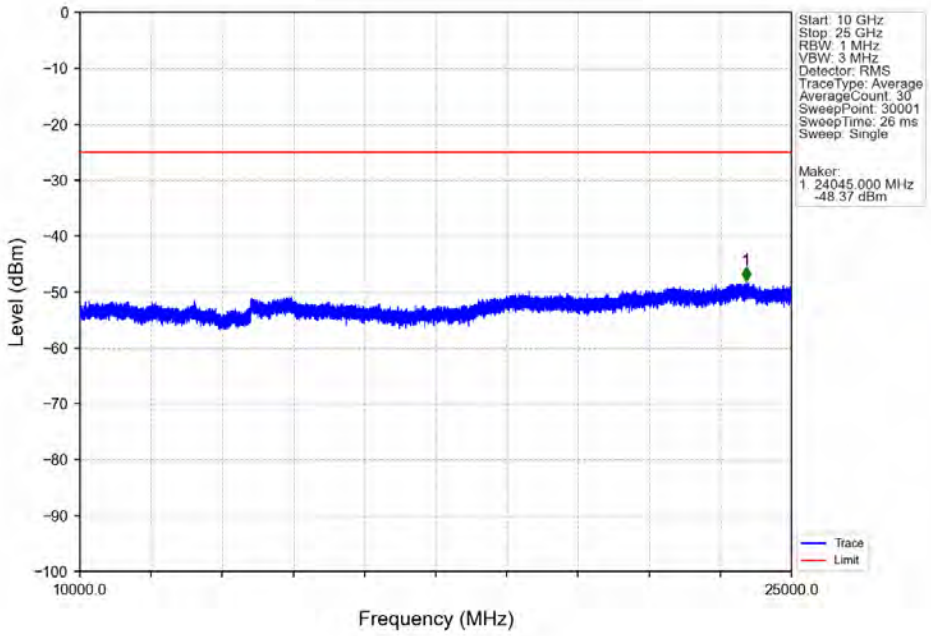


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-54.95	-25	Pass
2490.5	2496	1	CHP	2	2495.995	-52.13	-13	Pass
2496	2499	1	CHP	3	2498.500	-45.75	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-39.14	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

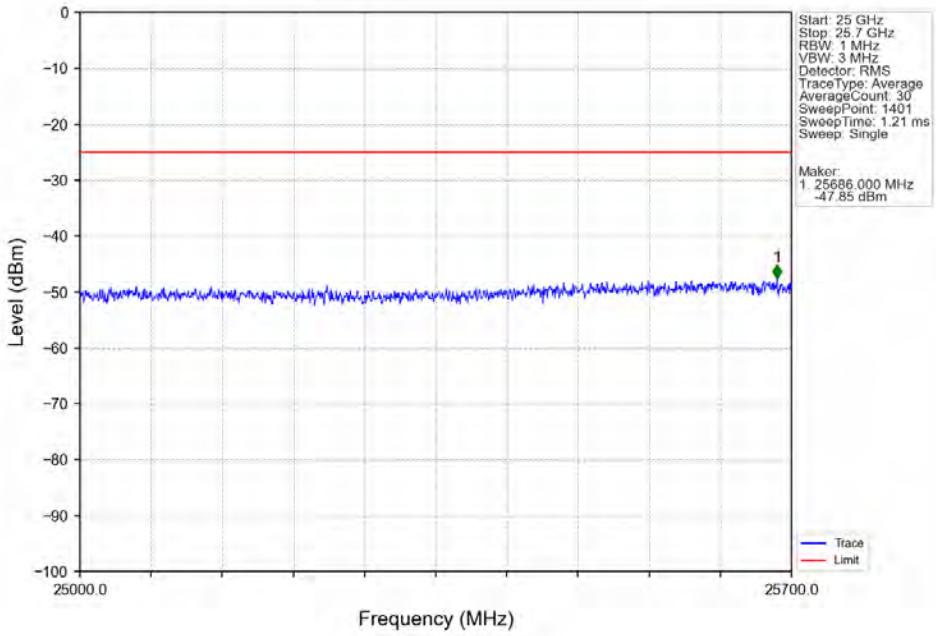
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV



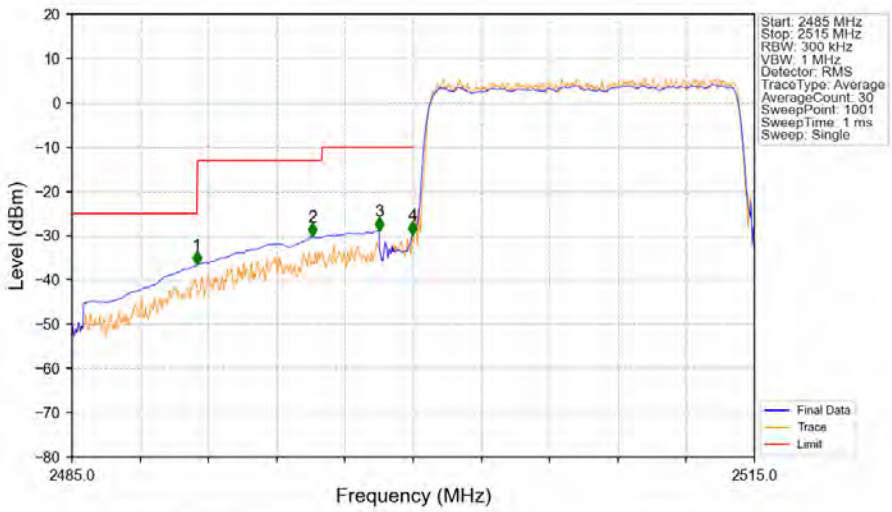
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV

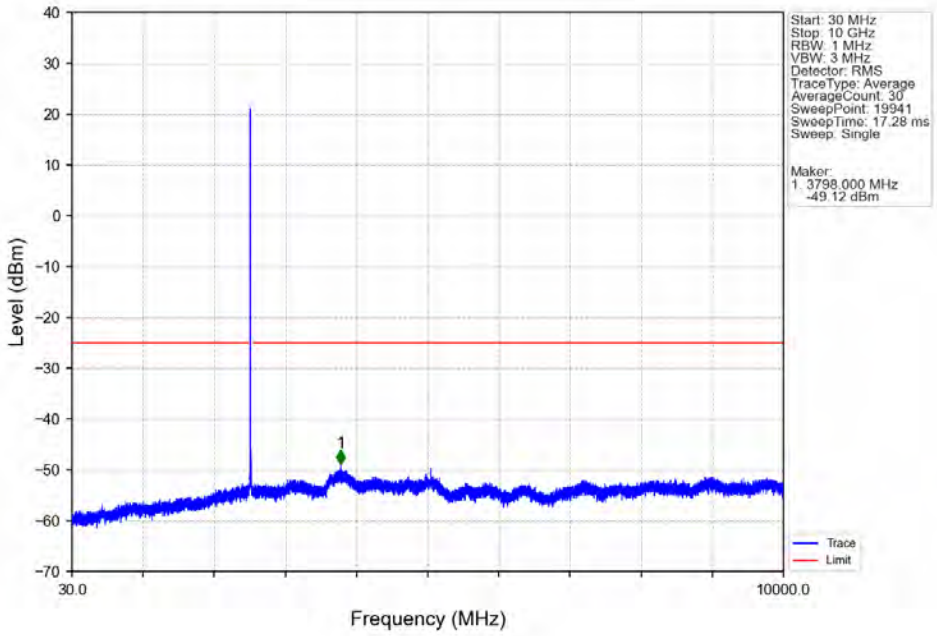


Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV

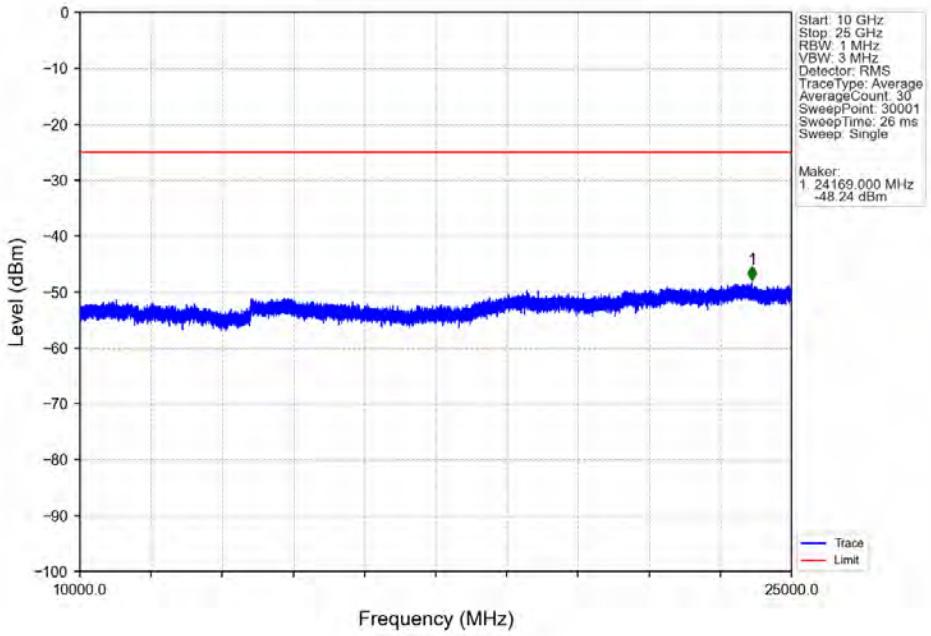


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-36.57	25	Pass
2490.5	2496	1	CHP	2	2495.560	-30.30	-13	Pass
2496	2499	1	CHP	3	2498.500	-28.88	-10	Pass
2499	2500	0.308	CHP	4	2499.970	-29.79	-10	Pass
2500	2515	0.308	CHP	/	/	/	/	/

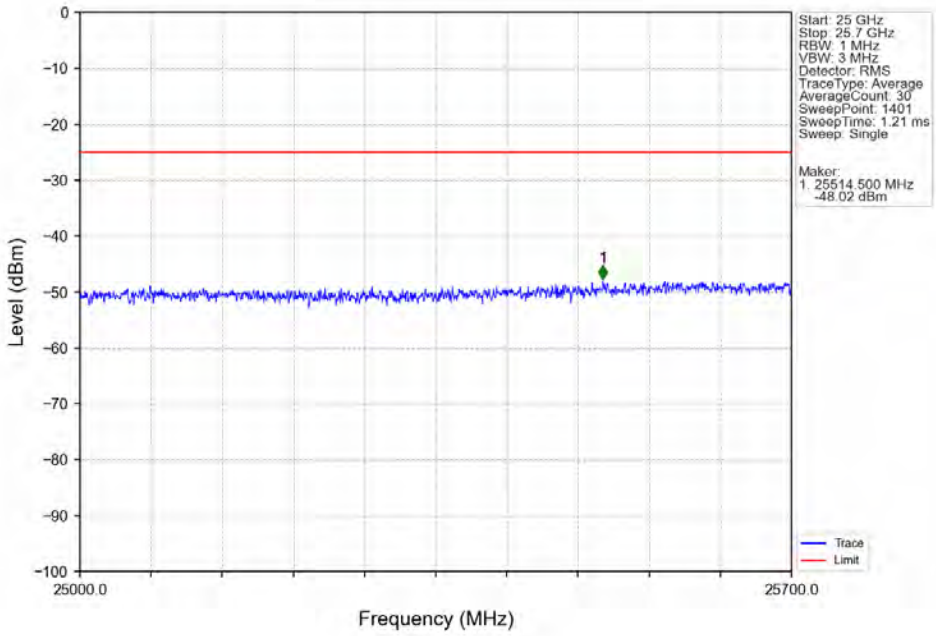
Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



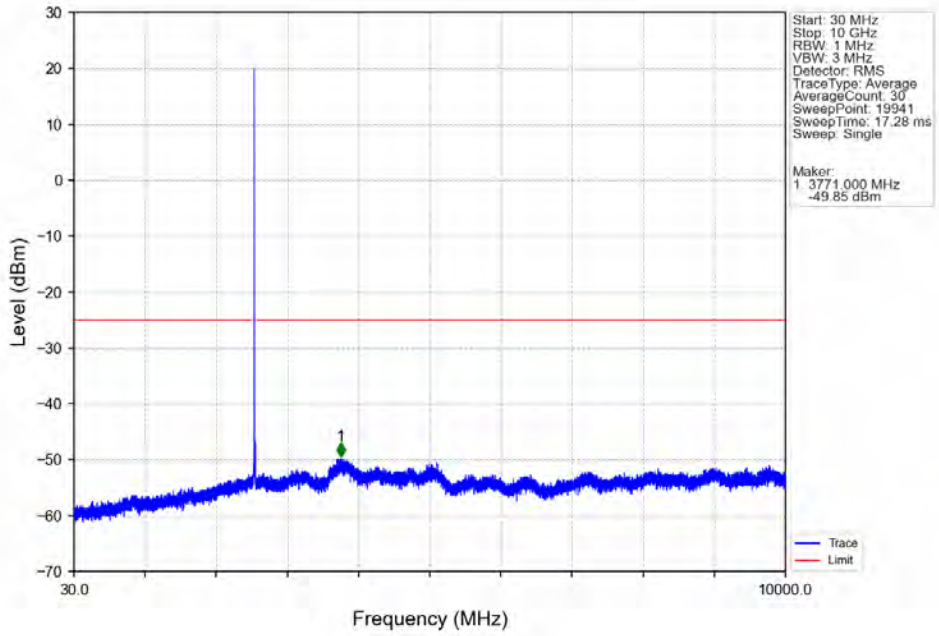
Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



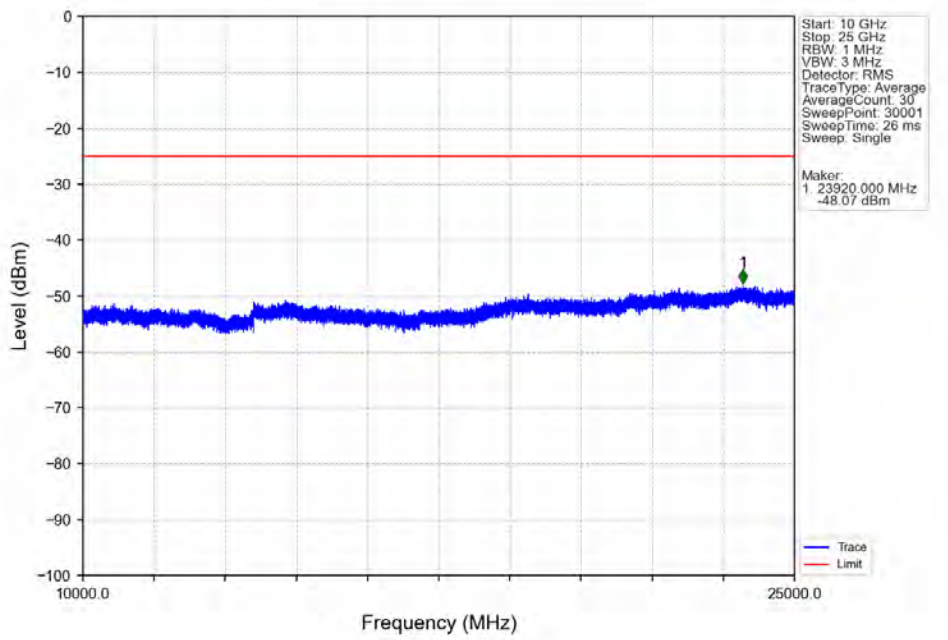
Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



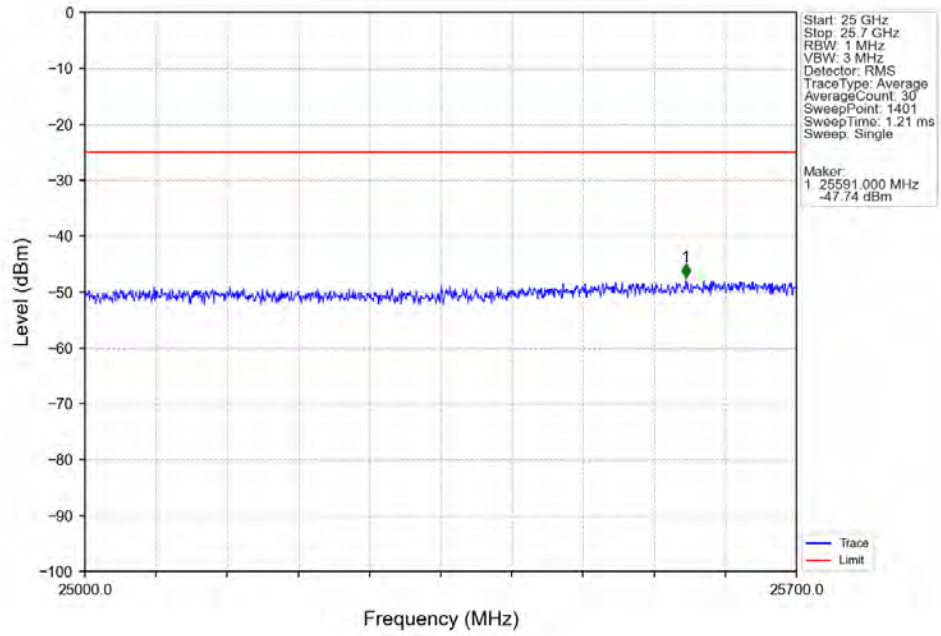
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



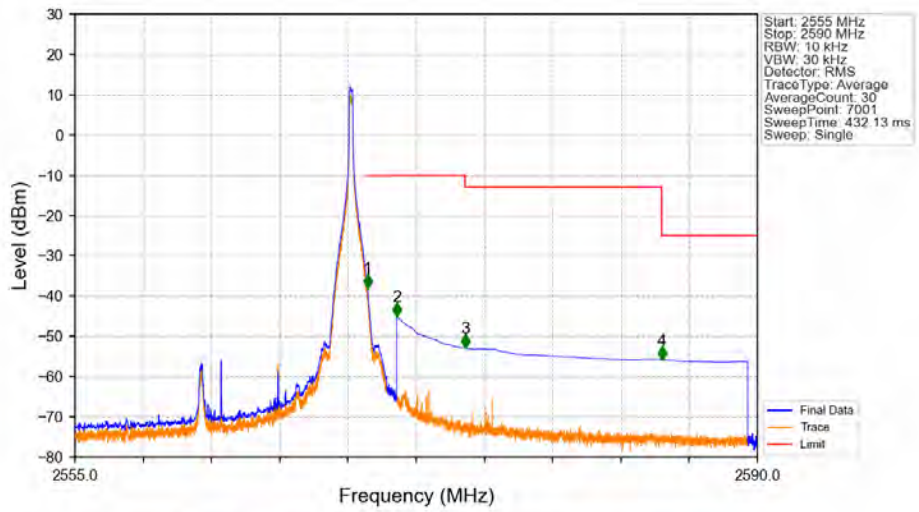
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV

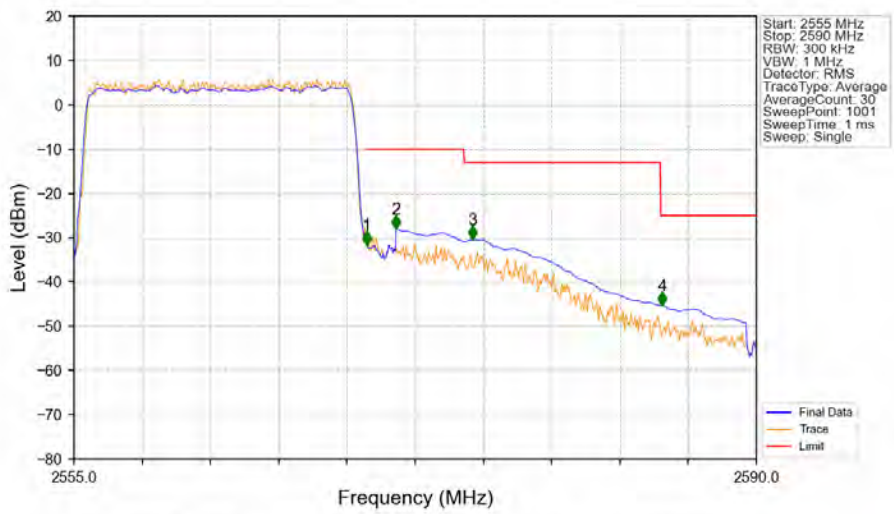


Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.98	-10	Pass
2571	2575	1	CHP	2	2571.500	-45.12	-10	Pass
2575	2585.086	1	CHP	3	2575.010	-52.88	-13	Pass
2585.086	2590	1	CHP	4	2585.110	-55.83	-25	Pass

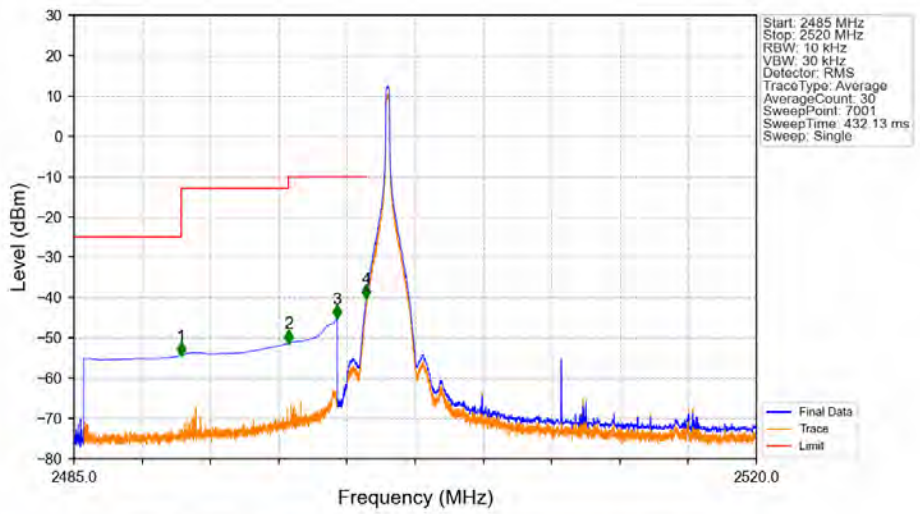
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.302	CHP	/	/	/	/	/
2570	2571	0.302	CHP	1	2570.015	-31.61	-10	Pass
2571	2575	1	CHP	2	2571.520	-28.08	-10	Pass
2575	2585.086	1	CHP	3	2575.440	-30.48	-13	Pass
2585.086	2590	1	CHP	4	2585.170	-45.35	-25	Pass

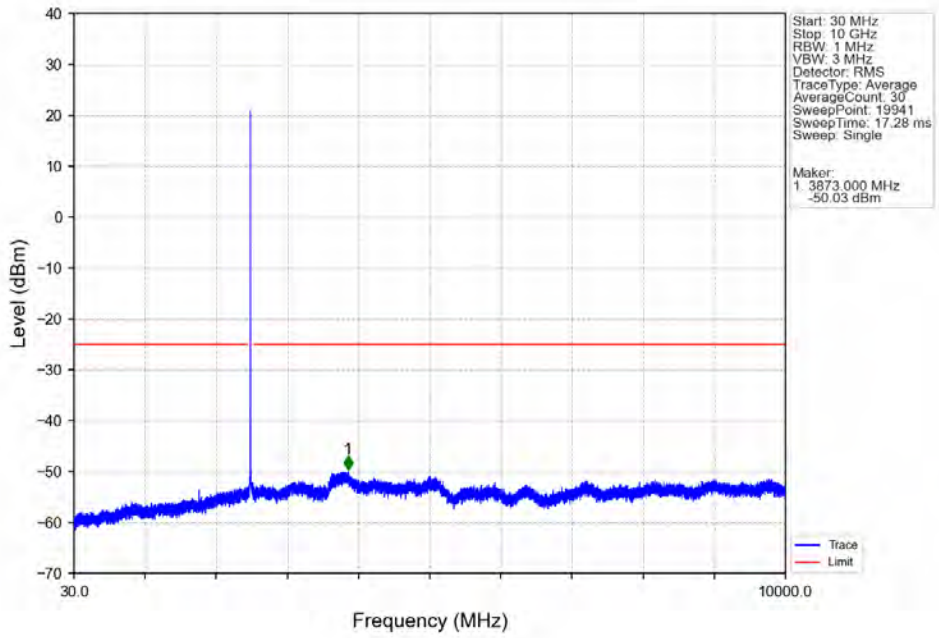
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

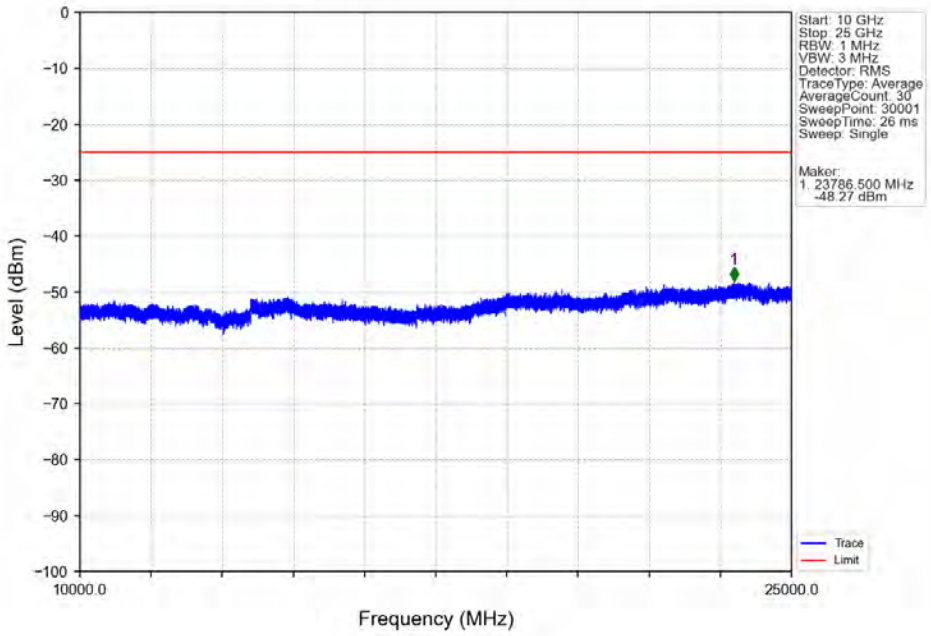


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-54.41	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-51.39	-13	Pass
2496	2499	1	CHP	3	2498.500	-45.27	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-40.22	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

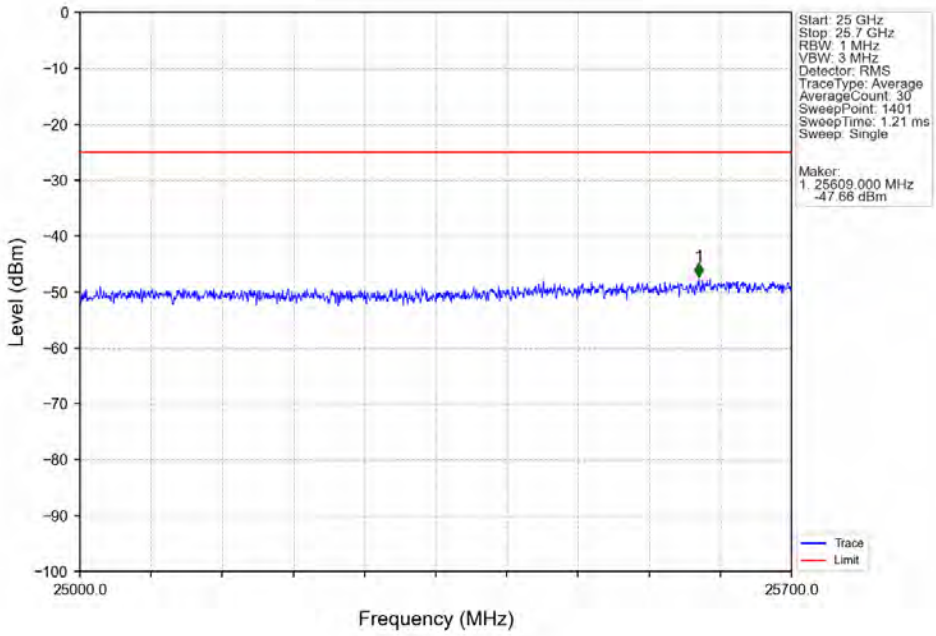
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



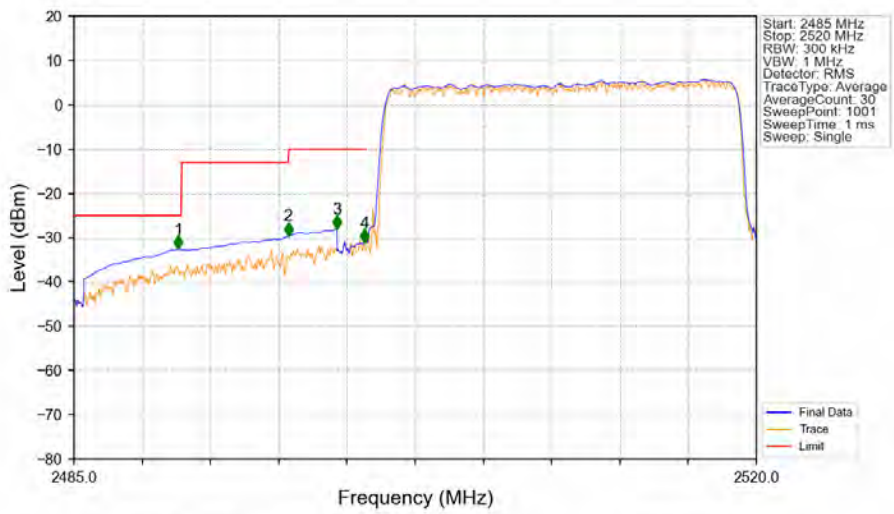
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

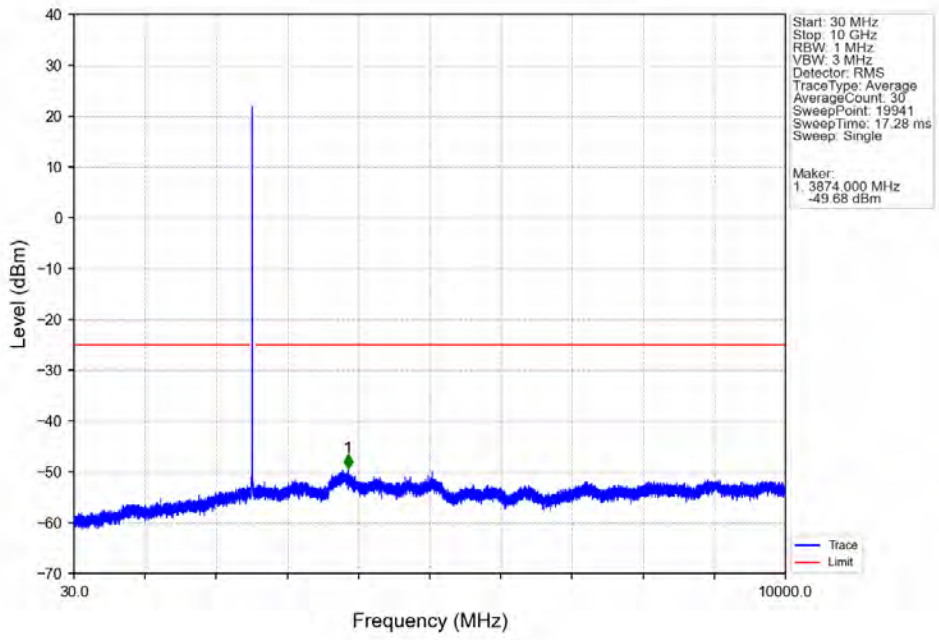


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

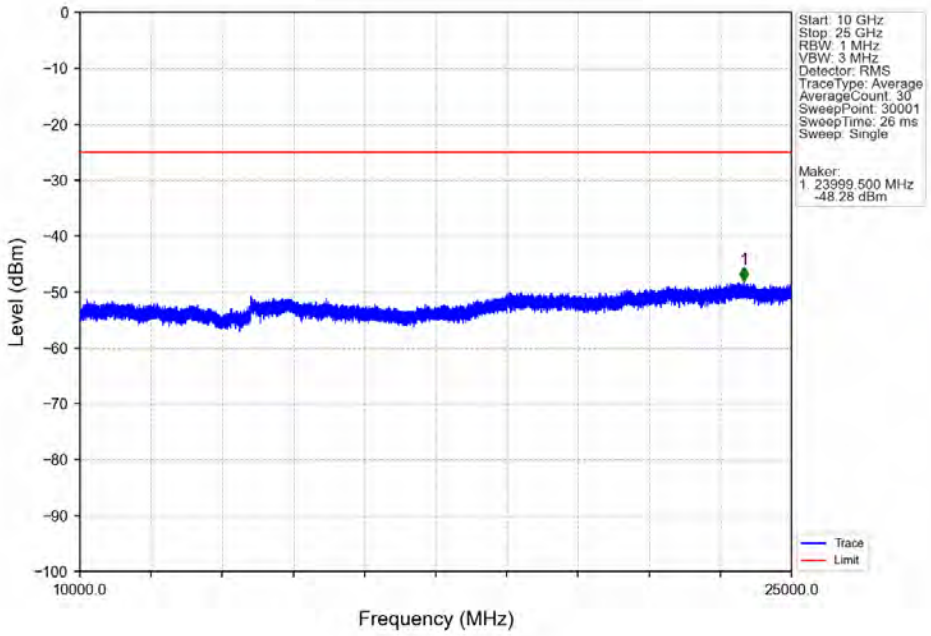


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.355	-32.64	25	Pass
2490.5	2496	1	CHP	2	2495.990	-29.58	-13	Pass
2496	2499	1	CHP	3	2498.475	-27.99	-10	Pass
2499	2500	0.405	CHP	4	2499.910	-31.08	-10	Pass
2500	2520	0.405	CHP	/	/	/	/	/

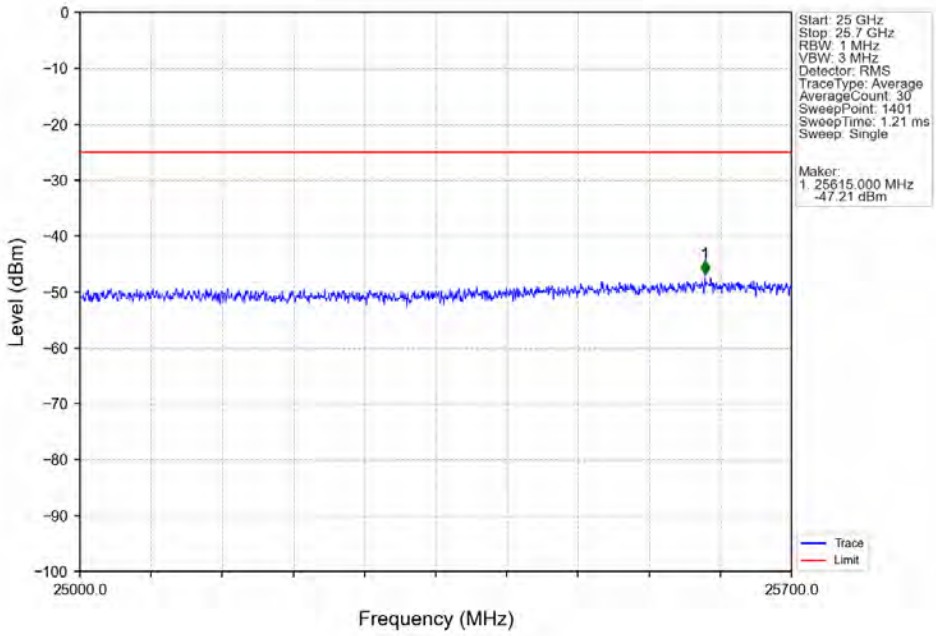
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



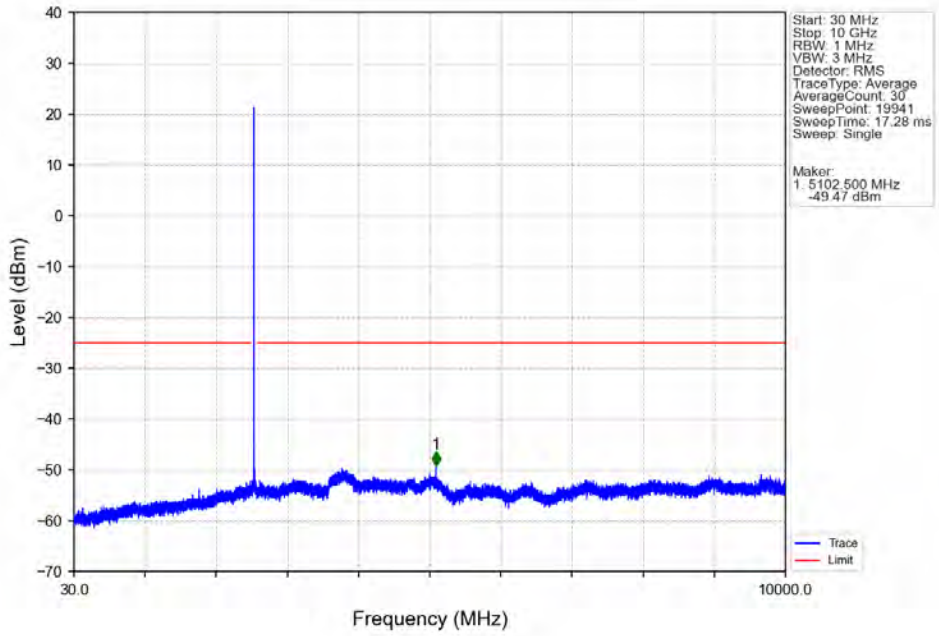
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



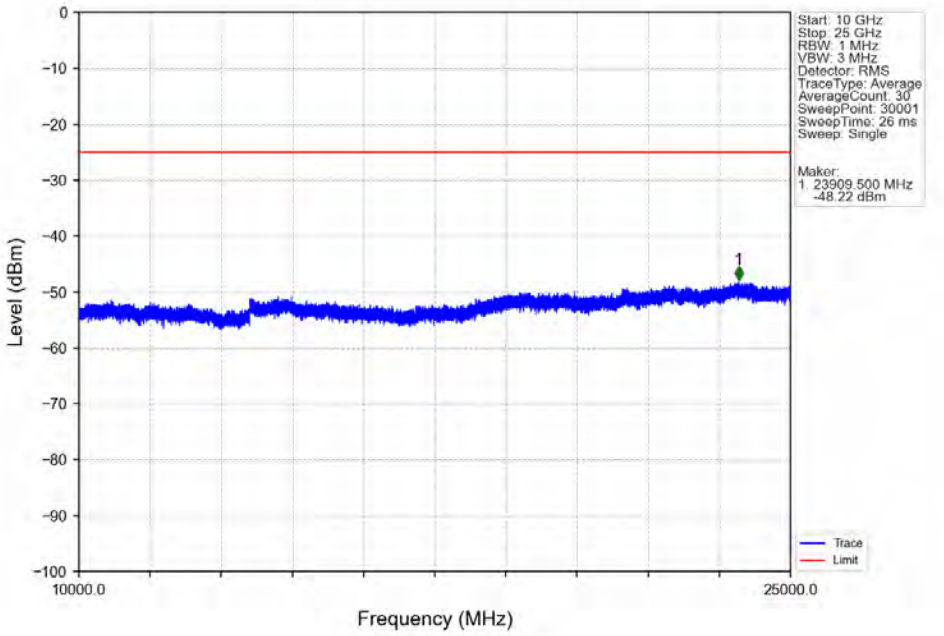
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



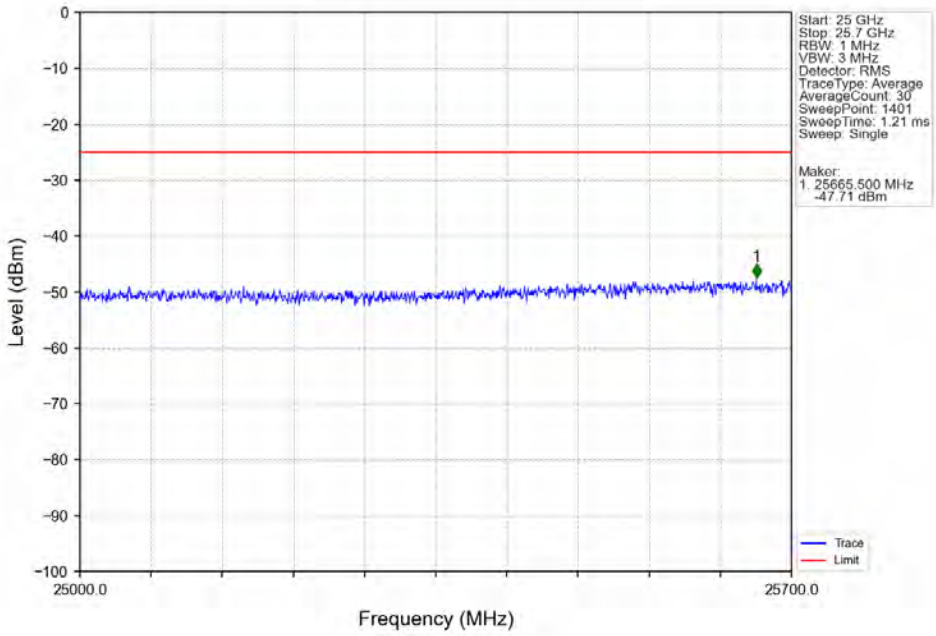
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



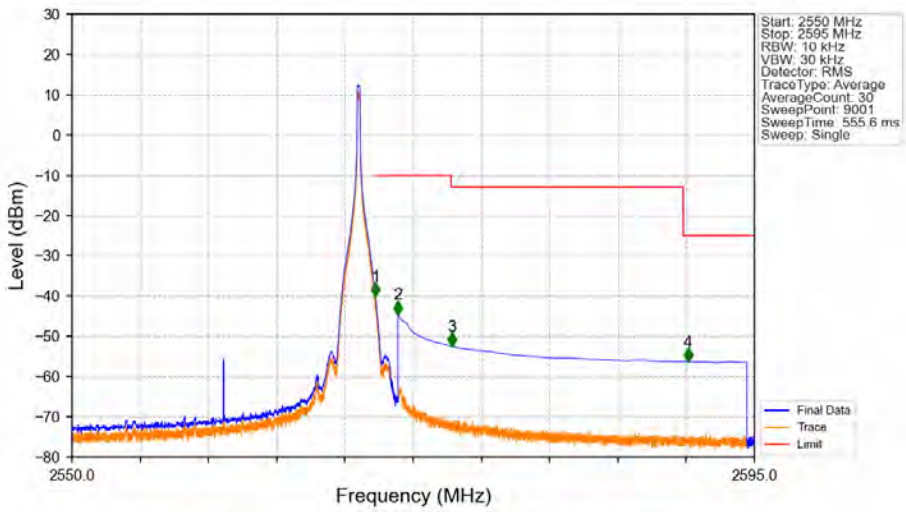
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

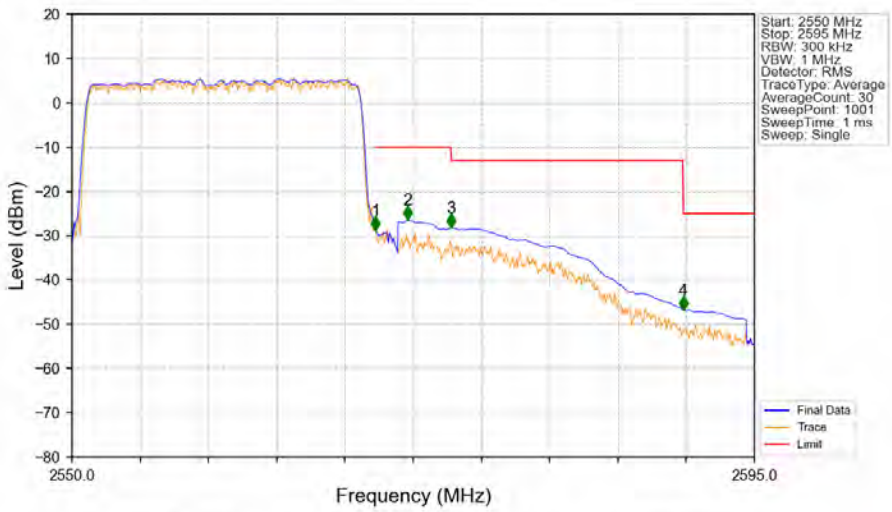


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



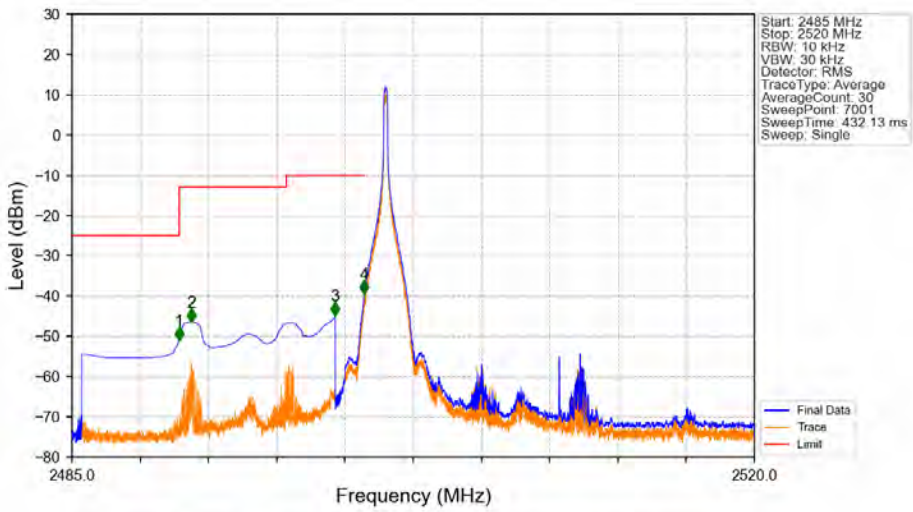
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-40.08	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.58	-10	Pass
2575	2590.307	1	CHP	3	2575.045	-52.47	-13	Pass
2590.307	2595	1	CHP	4	2590.615	-56.28	-25	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



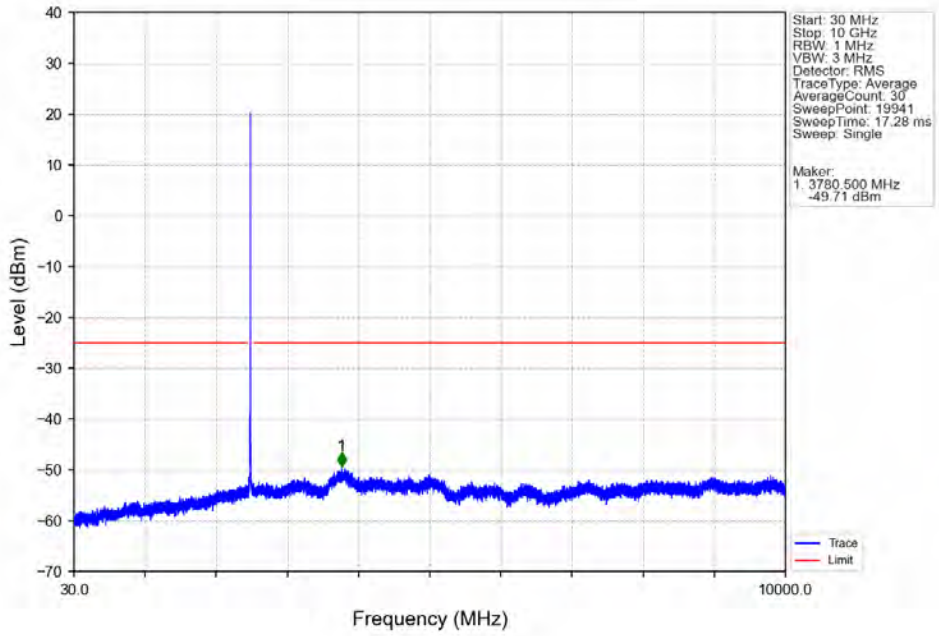
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.406	CHP	/	/	/	/	/
2570	2571	0.406	CHP	1	2570.025	-28.72	-10	Pass
2571	2575	1	CHP	2	2572.140	-26.44	-10	Pass
2575	2590.307	1	CHP	3	2575.020	-28.27	-13	Pass
2590.307	2595	1	CHP	4	2590.320	-46.76	-25	Pass

Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV

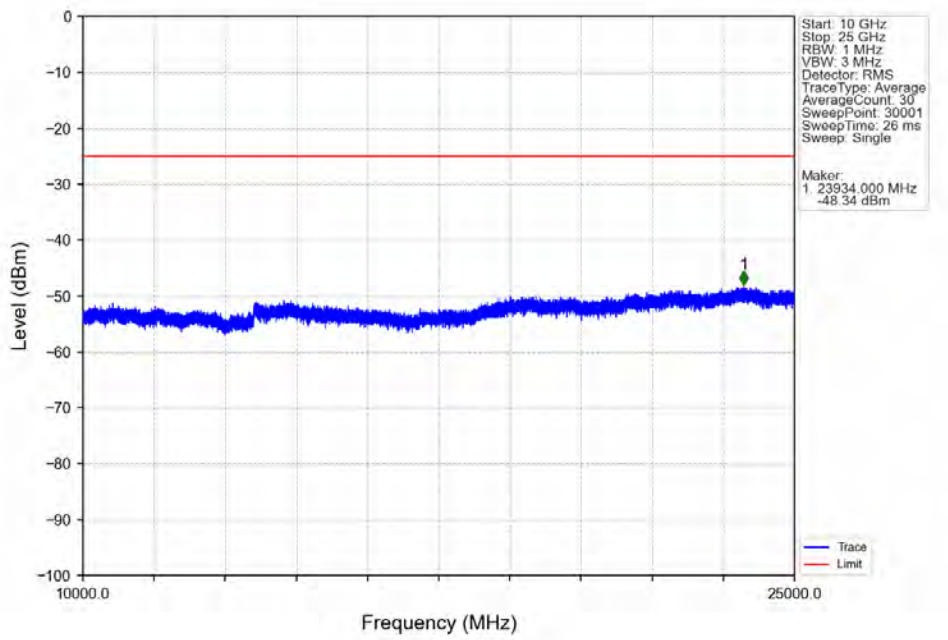


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-51.03	-25	Pass
2490.5	2496	1	CHP	2	2491.140	-46.40	-13	Pass
2496	2499	1	CHP	3	2498.500	-44.97	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-39.42	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

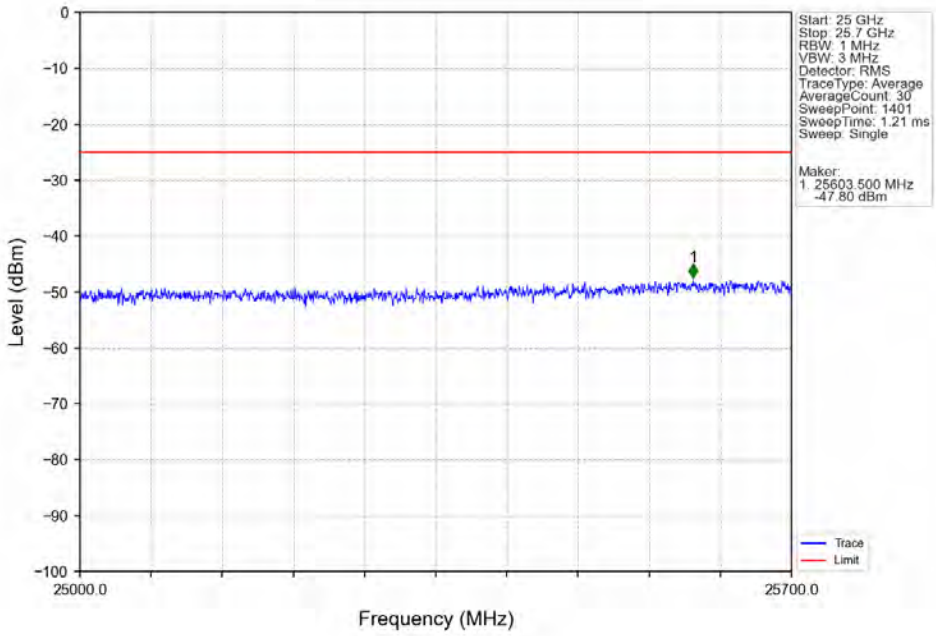
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



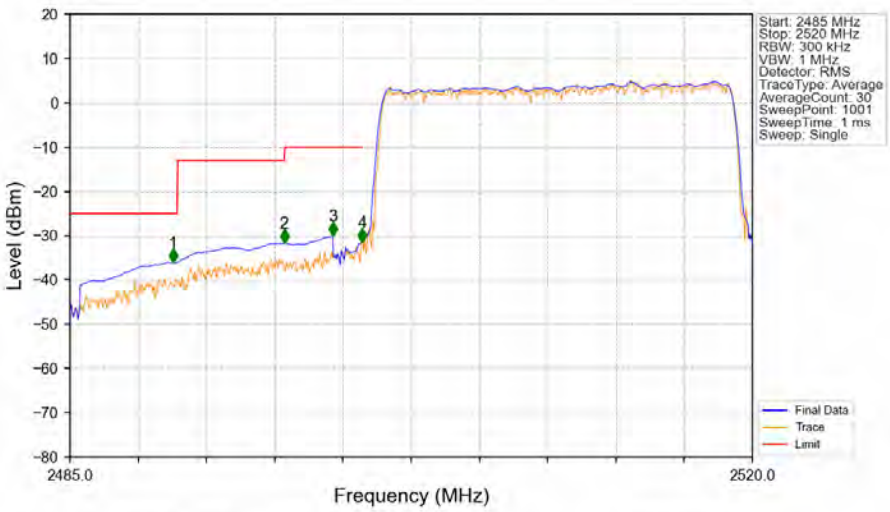
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV

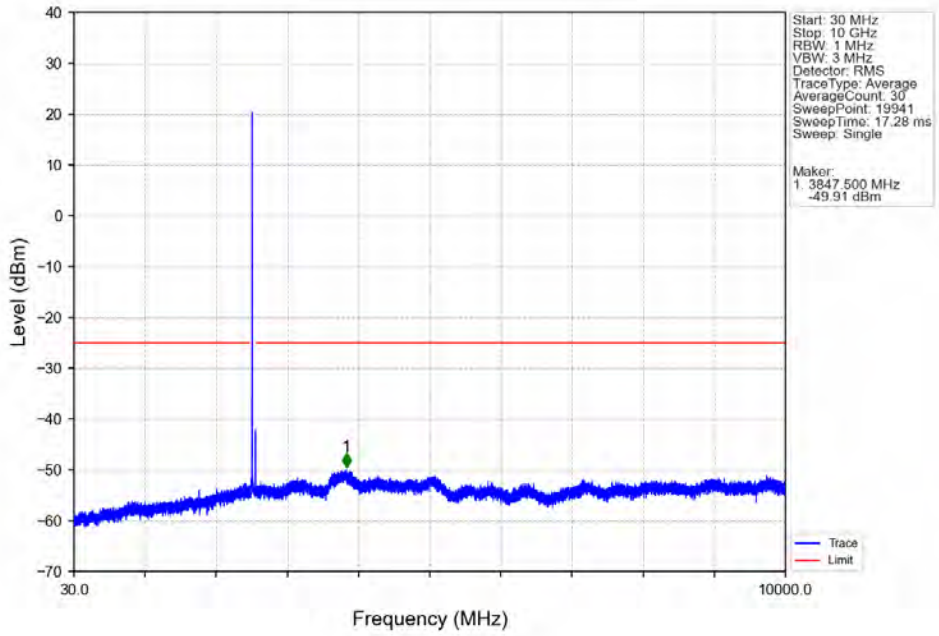


Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV

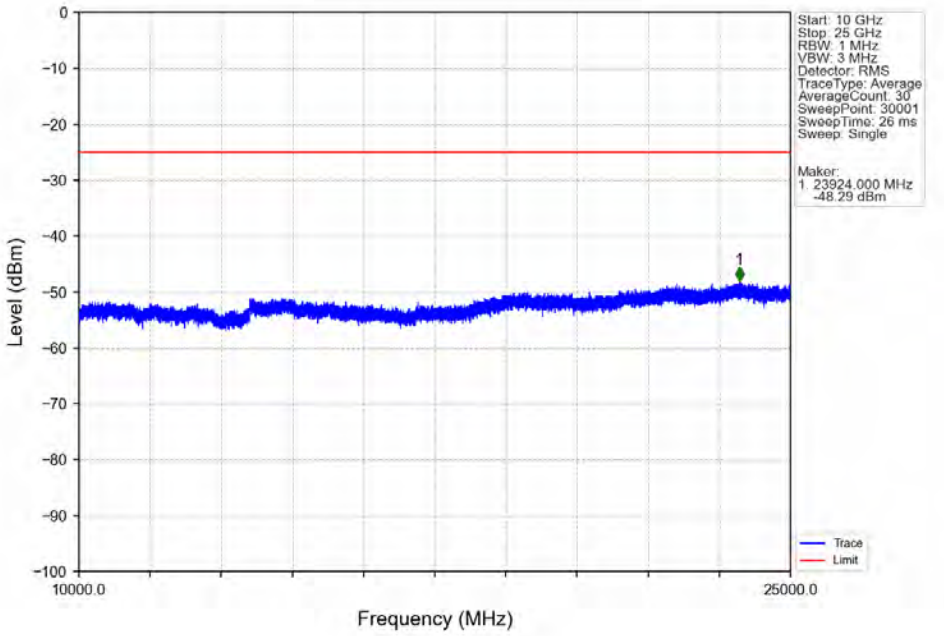


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.285	-36.04	25	Pass
2490.5	2496	1	CHP	2	2495.990	-31.70	-13	Pass
2496	2499	1	CHP	3	2498.475	-30.05	-10	Pass
2499	2500	0.402	CHP	4	2499.980	-31.41	-10	Pass
2500	2520	0.402	CHP	/	/	/	/	/

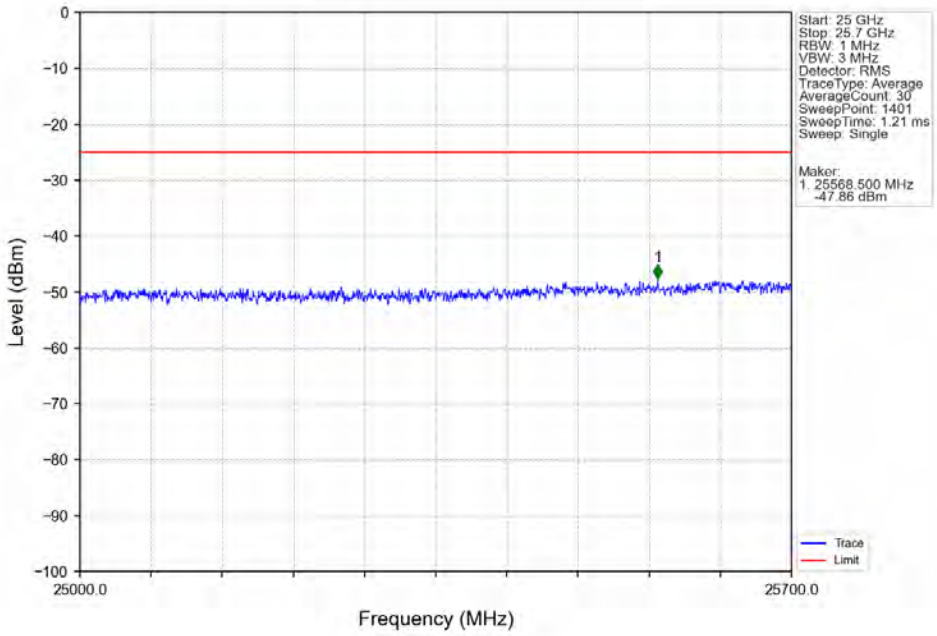
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



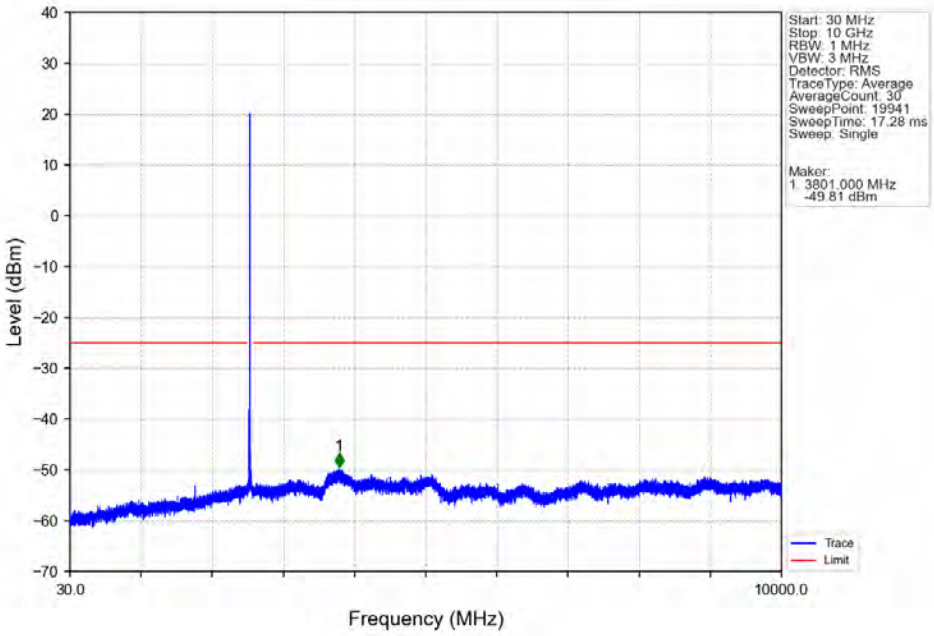
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



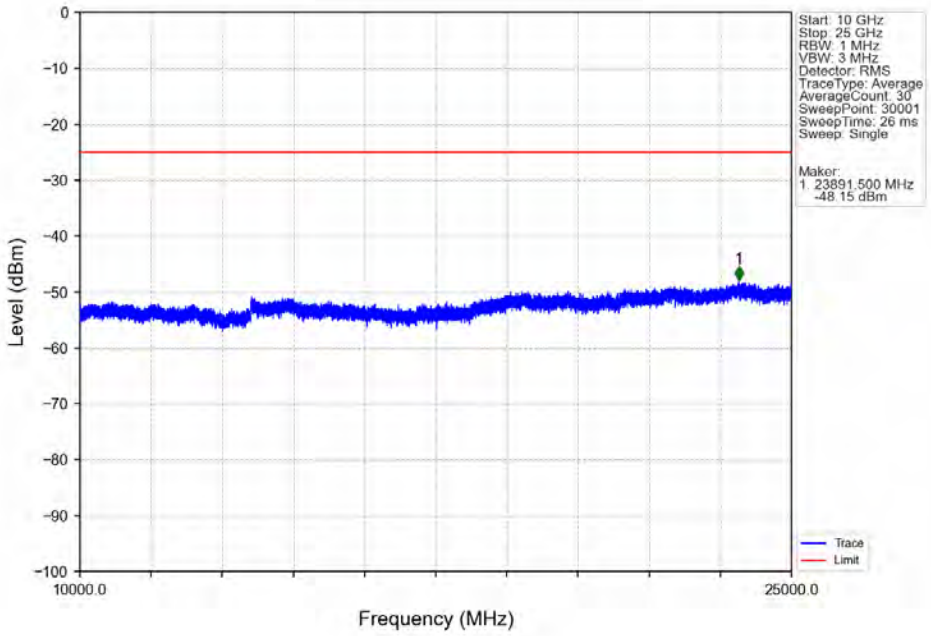
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



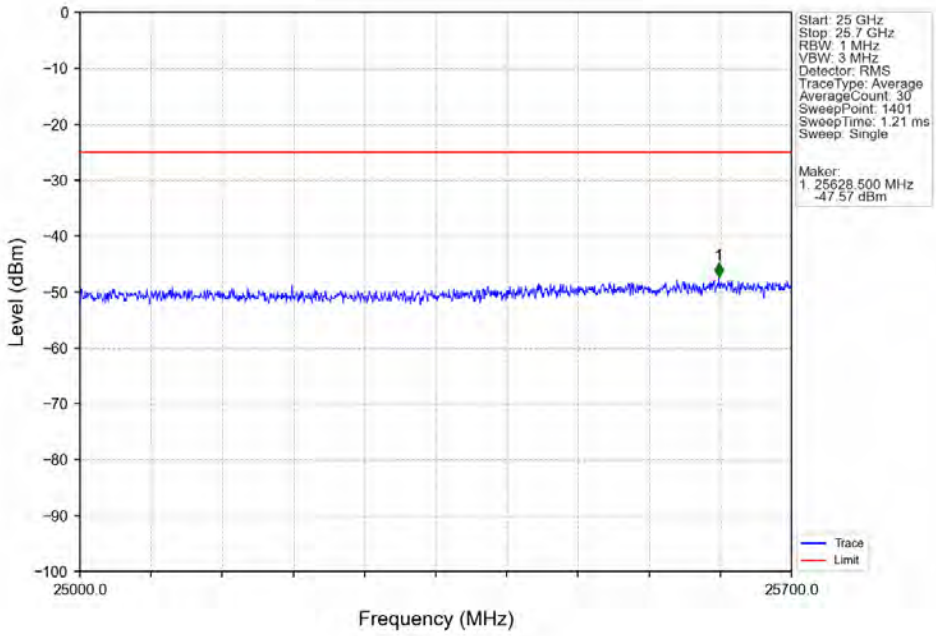
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



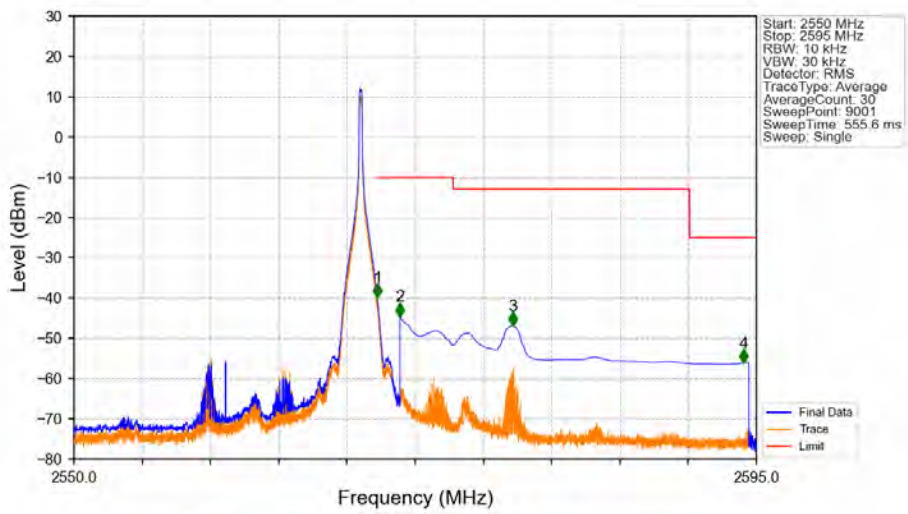
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV

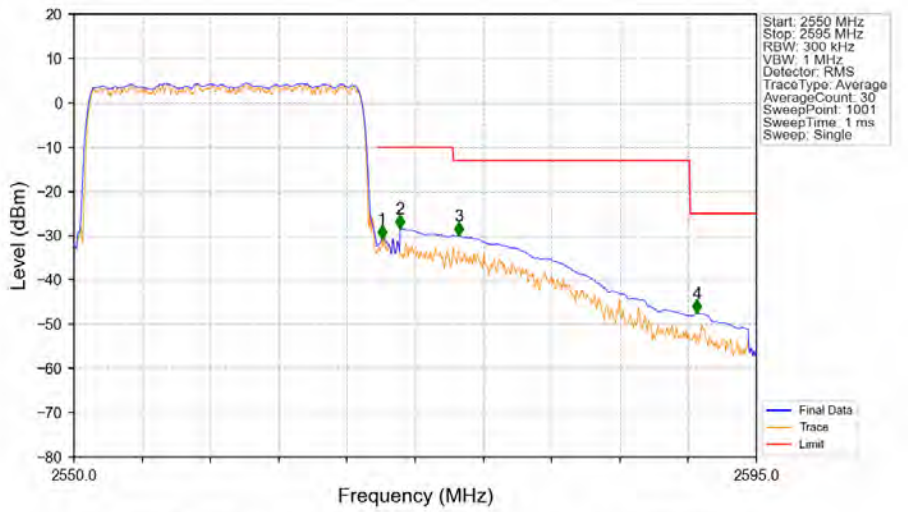


Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



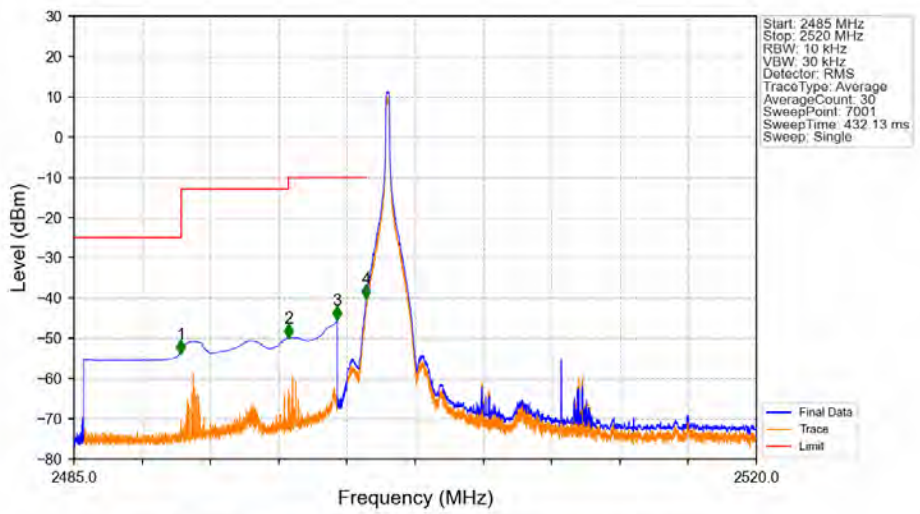
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-39.81	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.58	-10	Pass
2575	2590.59	1	CHP	3	2578.940	-46.95	-13	Pass
2590.59	2595	1	CHP	4	2594.165	-56.05	-25	Pass

Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



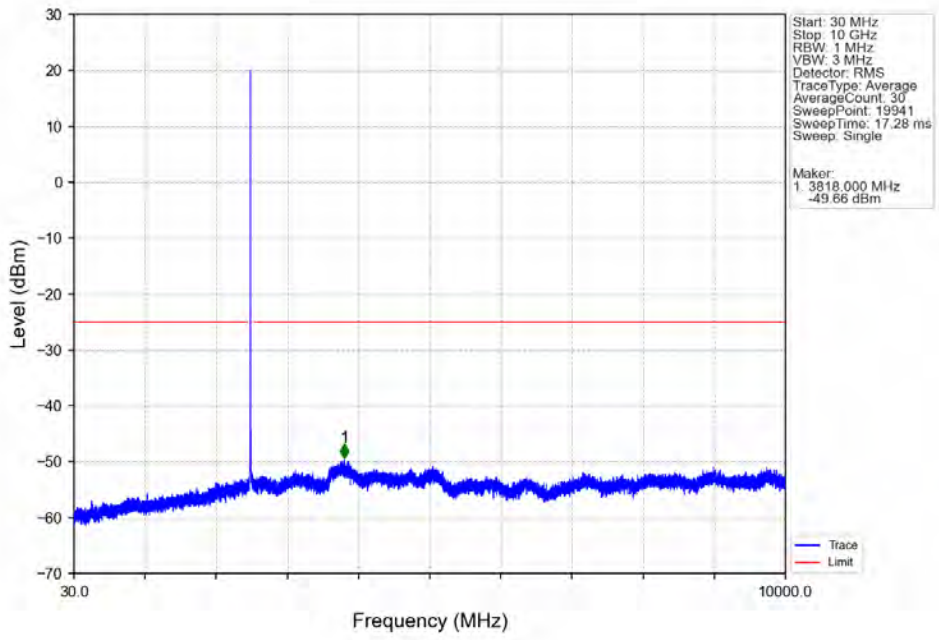
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.412	CHP	/	/	/	/	/
2570	2571	0.412	CHP	1	2570.295	-30.75	-10	Pass
2571	2575	1	CHP	2	2571.510	-28.38	-10	Pass
2575	2590.59	1	CHP	3	2575.380	-30.01	-13	Pass
2590.59	2595	1	CHP	4	2591.085	-47.56	-25	Pass

Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV

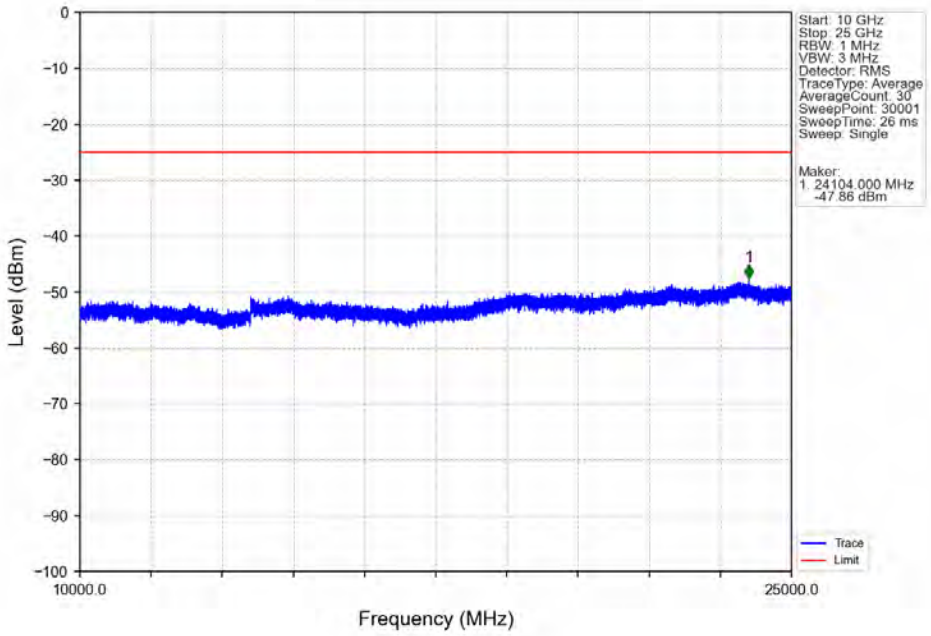


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.470	-53.80	25	Pass
2490.5	2496	1	CHP	2	2496.000	-49.90	-13	Pass
2496	2499	1	CHP	3	2498.500	-45.42	-10	Pass
2499	2500	0.02	CHP	4	2499.990	-39.99	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

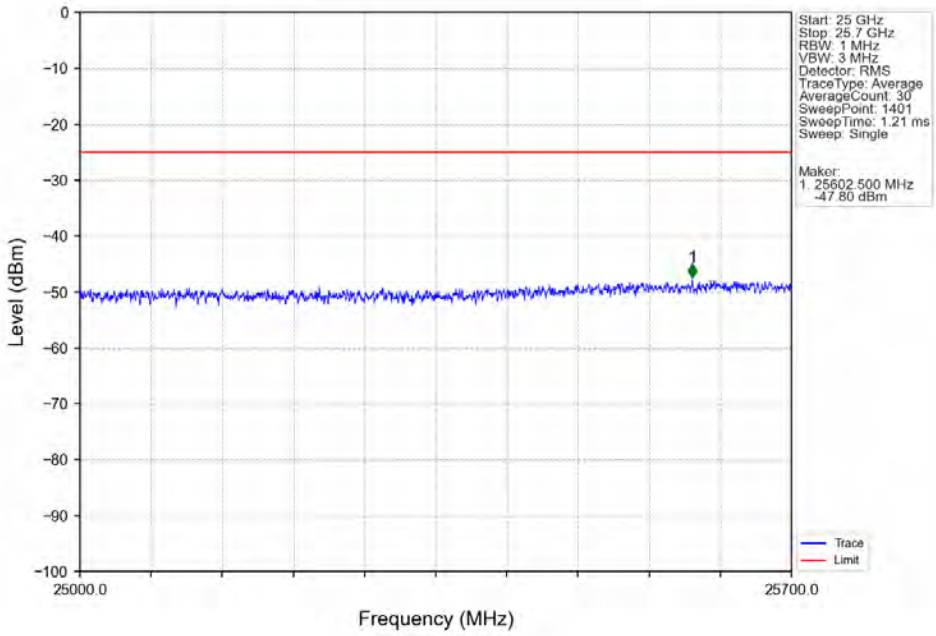
Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



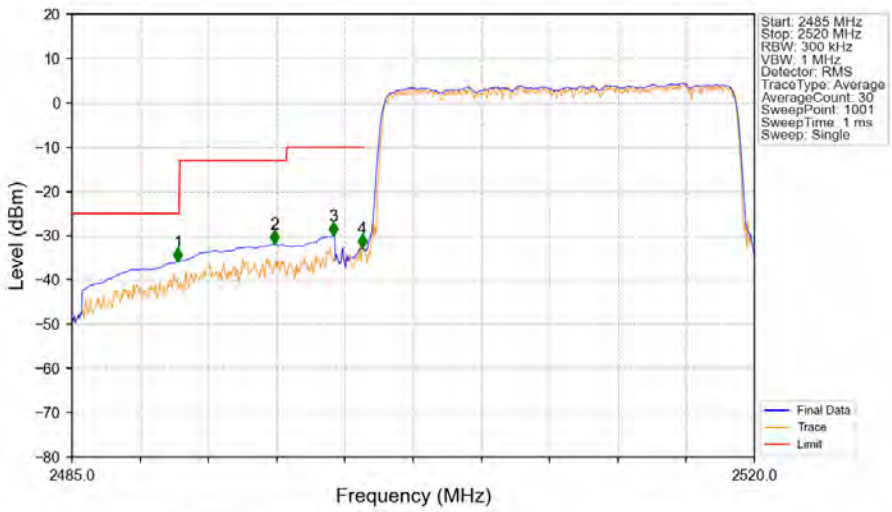
Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV

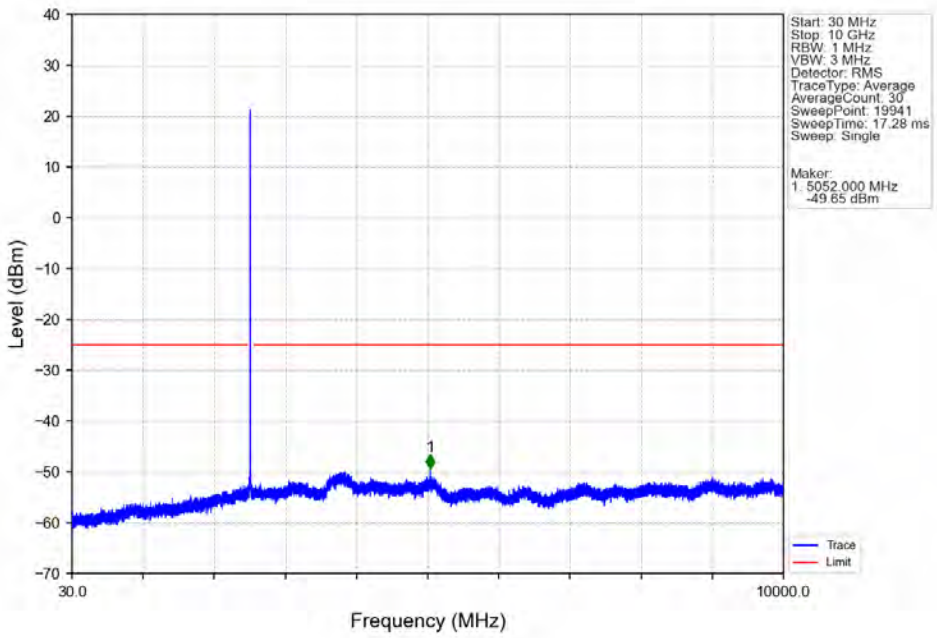


Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV

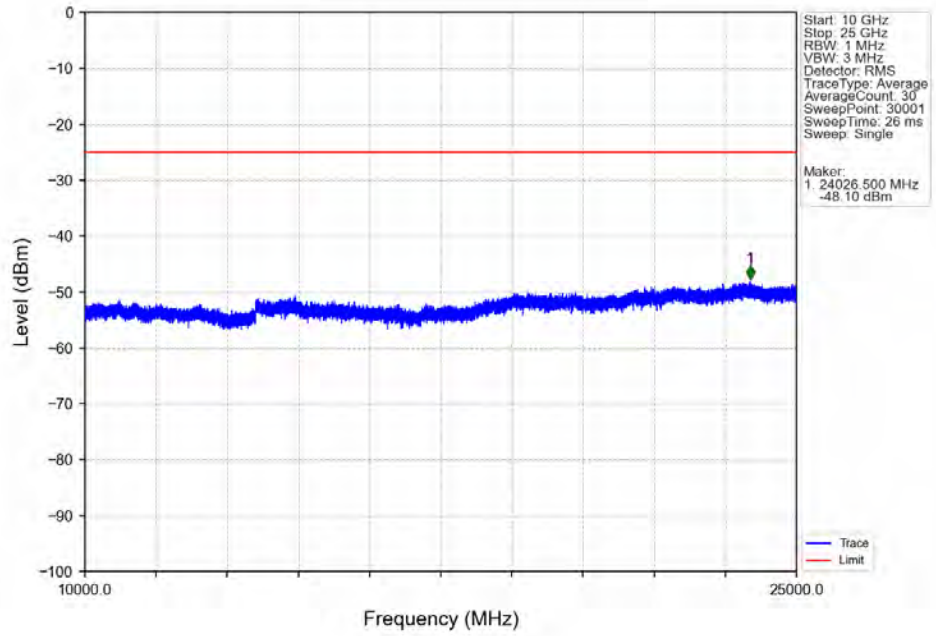


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.425	-35.79	25	Pass
2490.5	2496	1	CHP	2	2495.395	-31.87	-13	Pass
2496	2499	1	CHP	3	2498.405	-29.97	-10	Pass
2499	2500	0.4	CHP	4	2499.875	-32.84	-10	Pass
2500	2520	0.4	CHP	/	/	/	/	/

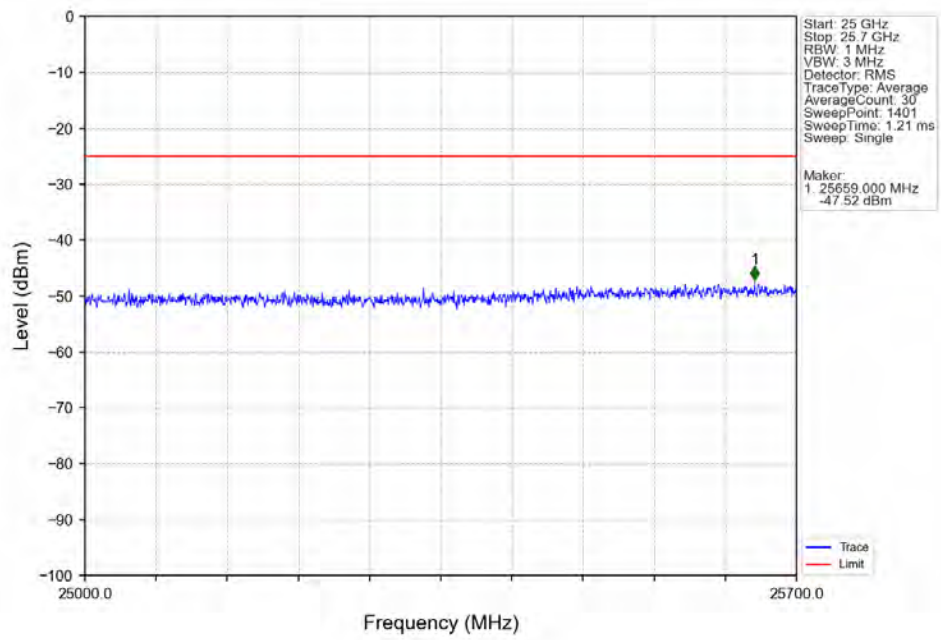
Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



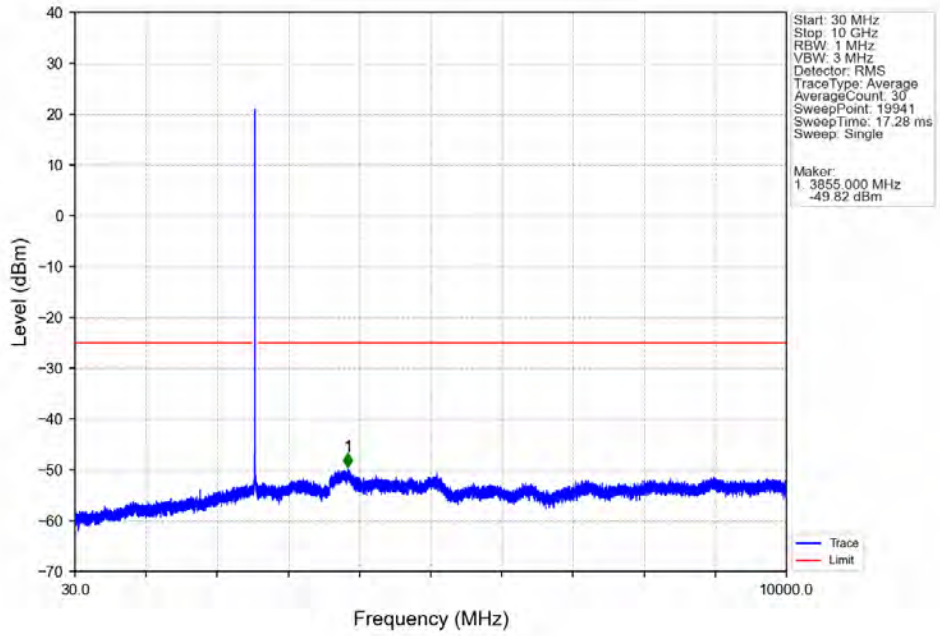
Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



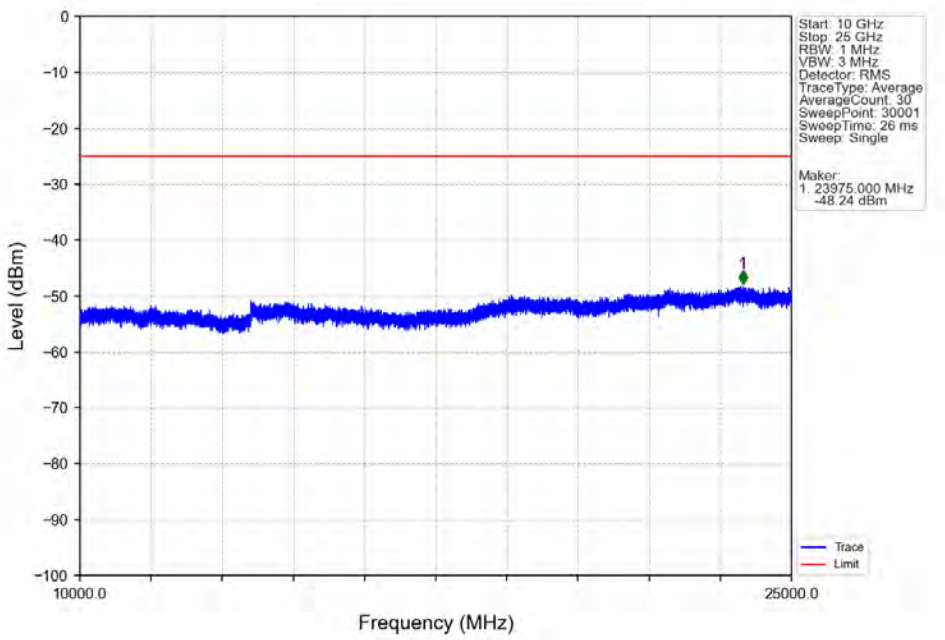
Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



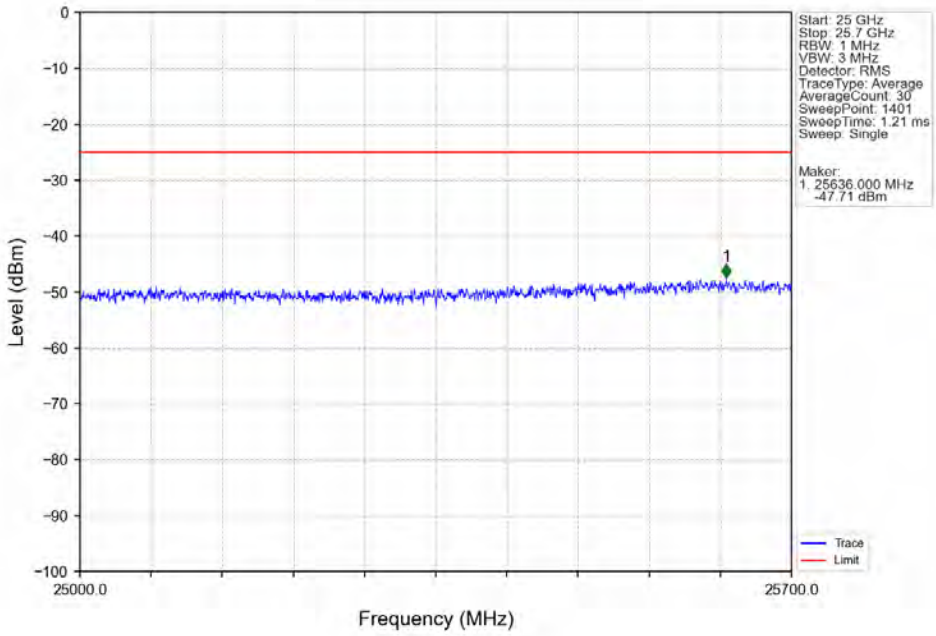
Band7_20MHz_64QAM_HCH_2560MHz_RB_1_0_NTNV



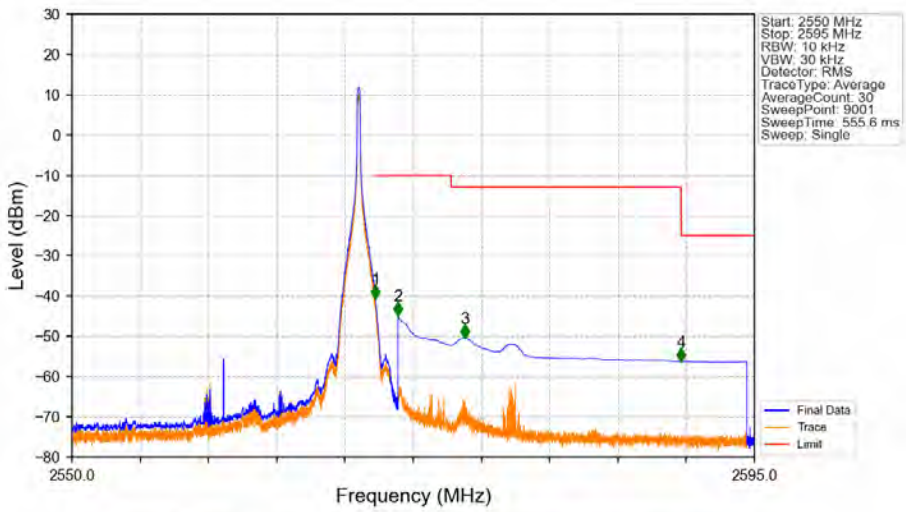
Band7_20MHz_64QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_1_0_NTNV

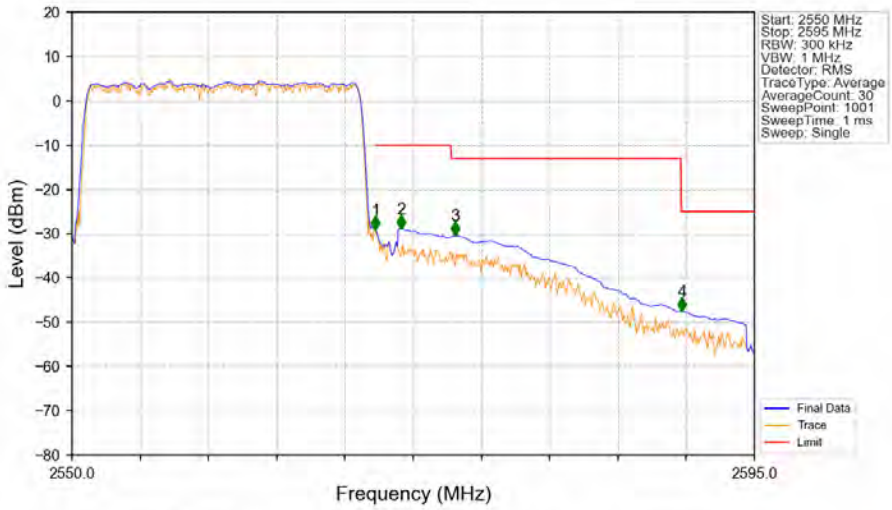


Band7_20MHz_64QAM_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-40.71	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.97	-10	Pass
2575	2590.171	1	CHP	3	2575.920	-50.42	-13	Pass
2590.171	2595	1	CHP	4	2590.175	-56.22	-25	Pass

Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.403	CHP	/	/	/	/	/
2570	2571	0.403	CHP	1	2570.025	-29.05	-10	Pass
2571	2575	1	CHP	2	2571.690	-28.91	-10	Pass
2575	2590.171	1	CHP	3	2575.290	-30.46	-13	Pass
2590.171	2595	1	CHP	4	2590.230	-47.53	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 7 ANT4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5002.0	-62.35	-25	-37.35	-67.92	4.57	10.14	Horizontal	Pass
7503.0	-60.31	-25	-35.31	-67.11	4.94	11.74	Horizontal	Pass
10004.0	-56.46	-25	-31.46	-64.03	5.46	13.03	Horizontal	Pass
5002.0	-60.5	-25	-35.5	-66.07	4.57	10.14	Vertical	Pass
7503.0	-58.48	-25	-33.48	-65.28	4.94	11.74	Vertical	Pass
10004.0	-56.95	-25	-31.95	-64.52	5.46	13.03	Vertical	Pass

LTE Band 7 ANT4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5052.0	-60.69	-25	-35.69	-66.27	4.59	10.17	Horizontal	Pass
7578.0	-56.56	-25	-31.56	-63.44	4.95	11.83	Horizontal	Pass
10104.0	-56.65	-25	-31.65	-64.22	5.48	13.05	Horizontal	Pass
5052.0	-61.46	-25	-36.46	-67.04	4.59	10.17	Vertical	Pass
7578.0	-50.79	-25	-25.79	-57.67	4.95	11.83	Vertical	Pass
10104.0	-56.92	-25	-31.92	-64.49	5.48	13.05	Vertical	Pass

LTE Band 7 ANT4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5102.0	-63.76	-25	-38.76	-69.36	4.6	10.2	Horizontal	Pass
7653.0	-60.14	-25	-35.14	-67.11	4.95	11.92	Horizontal	Pass
10204.0	-57.53	-25	-32.53	-65.11	5.49	13.07	Horizontal	Pass
5102.0	-60.9	-25	-35.9	-66.5	4.6	10.2	Vertical	Pass
7653.0	-60.14	-25	-35.14	-67.11	4.95	11.92	Vertical	Pass
10204.0	-57.04	-25	-32.04	-64.62	5.49	13.07	Vertical	Pass