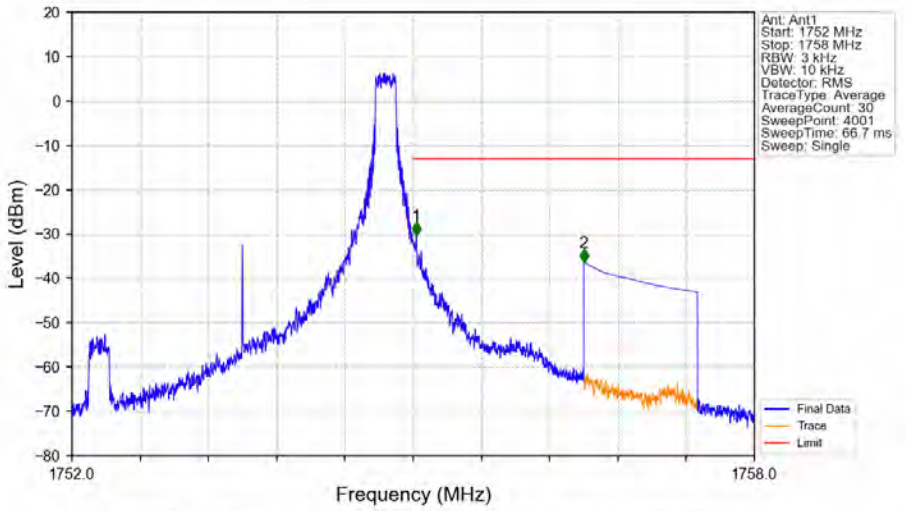
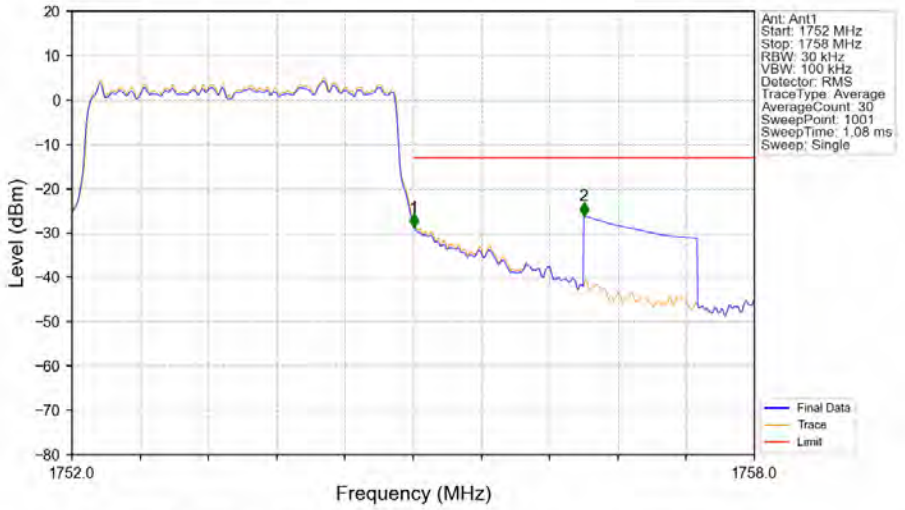
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



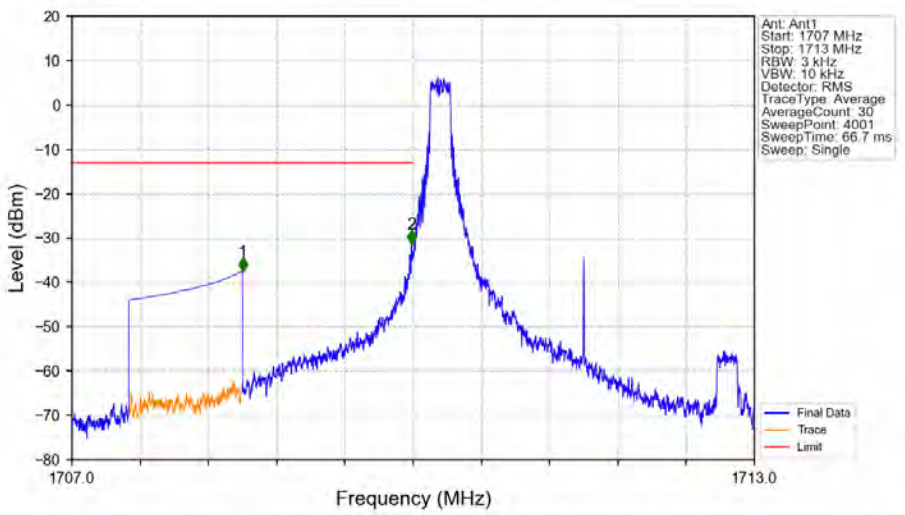
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.028	-30.45	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.41	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



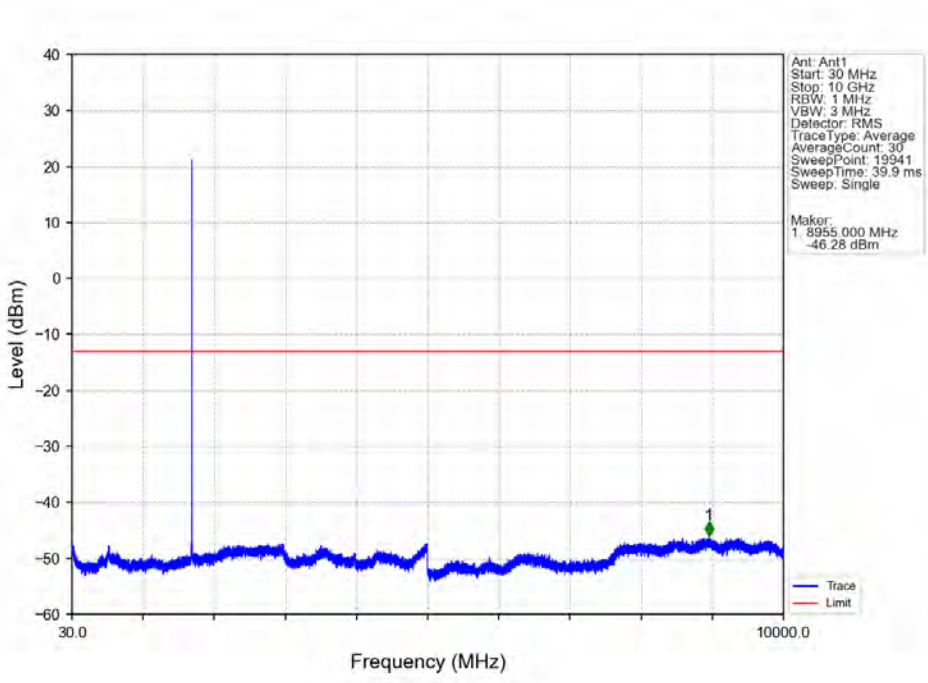
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-28.69	-13	Pass
1756	1758	1	CHP	2	1756.500	-26.12	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

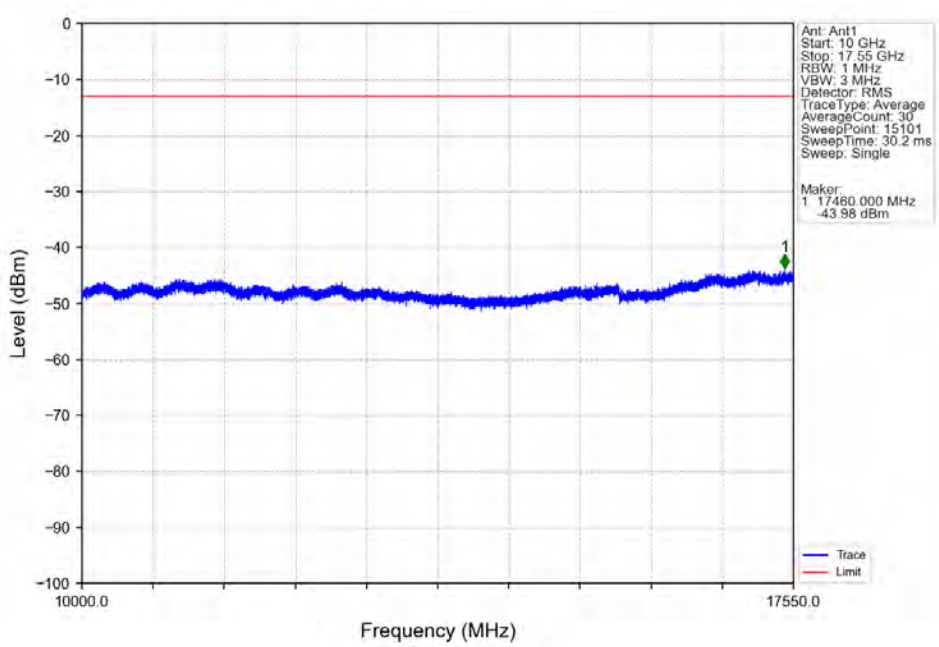


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-37.53	-13	Pass
1709	1710	0.003	/	2	1709.985	-31.40	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

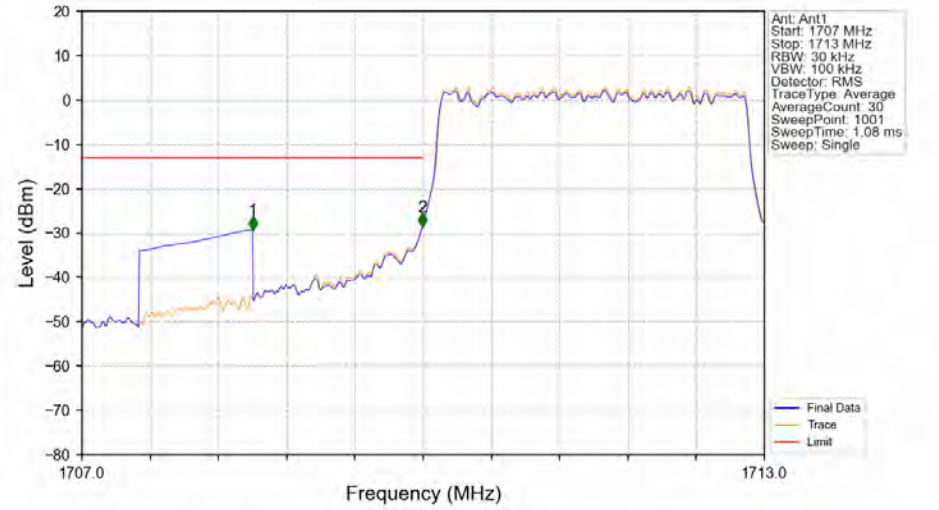
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

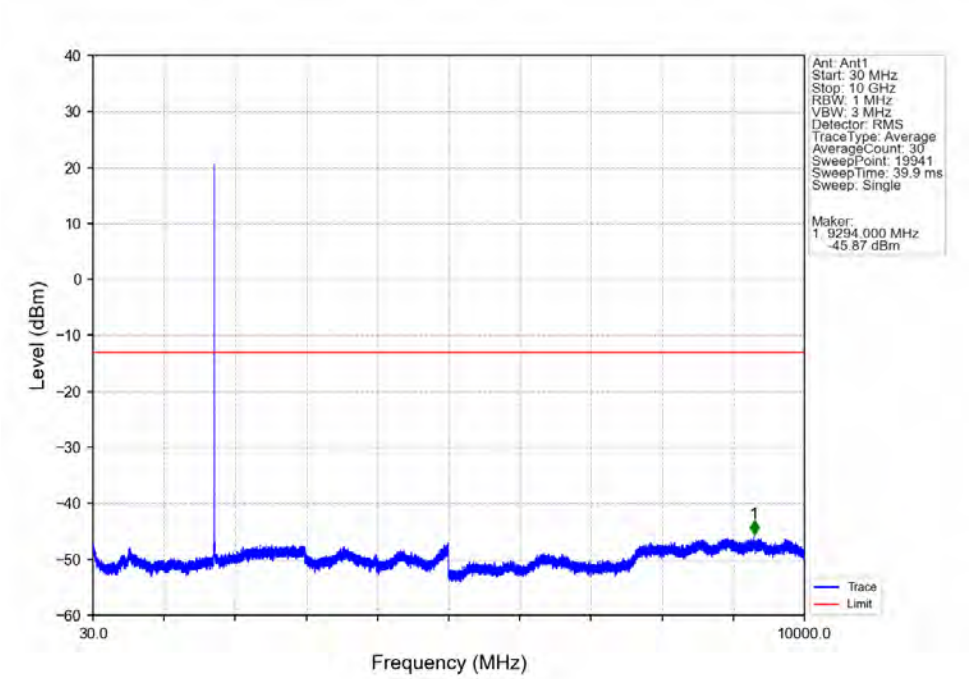


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

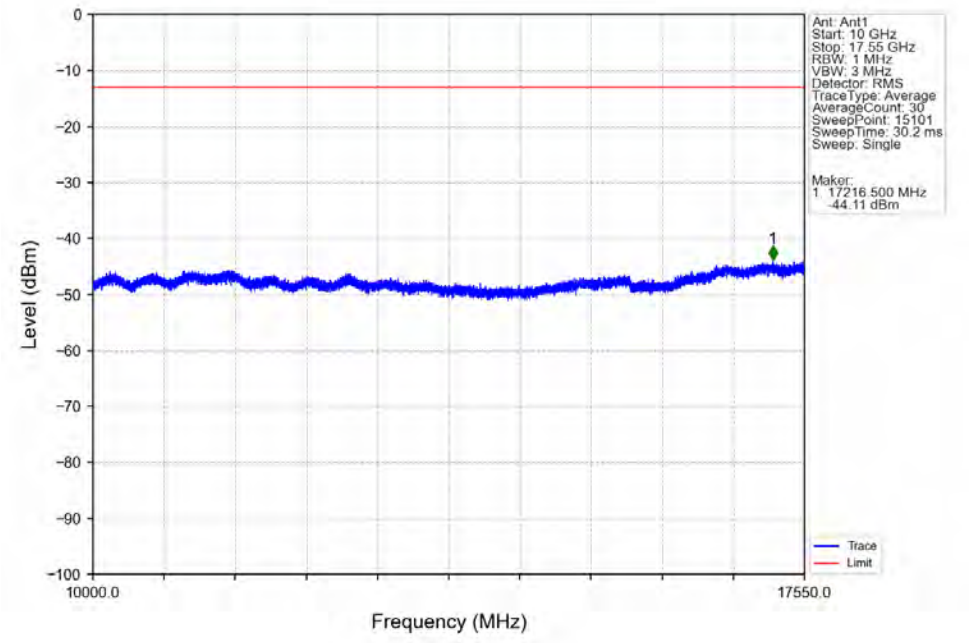


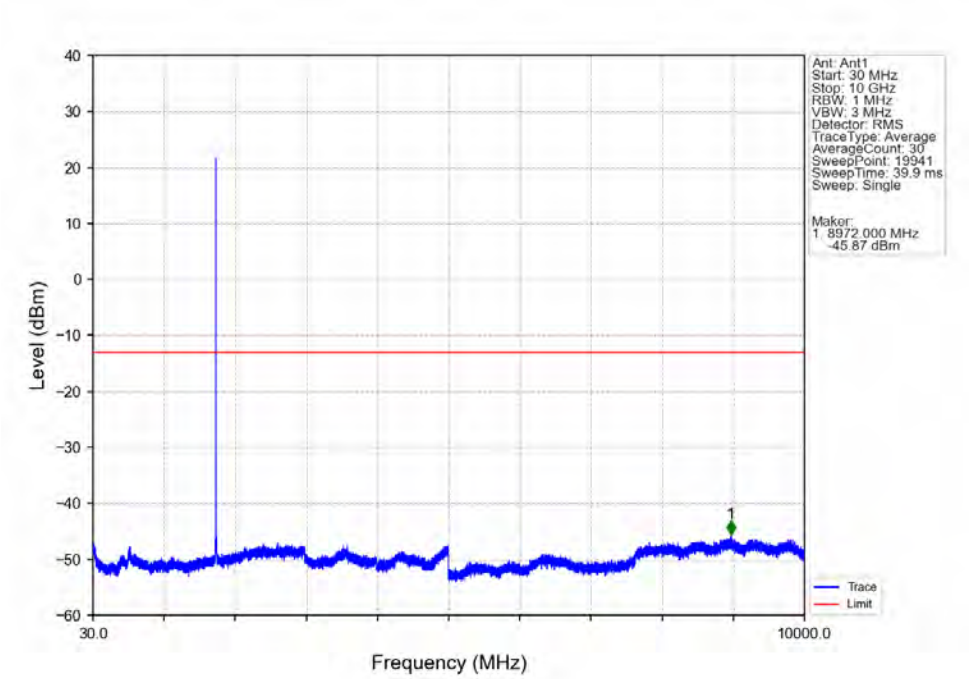
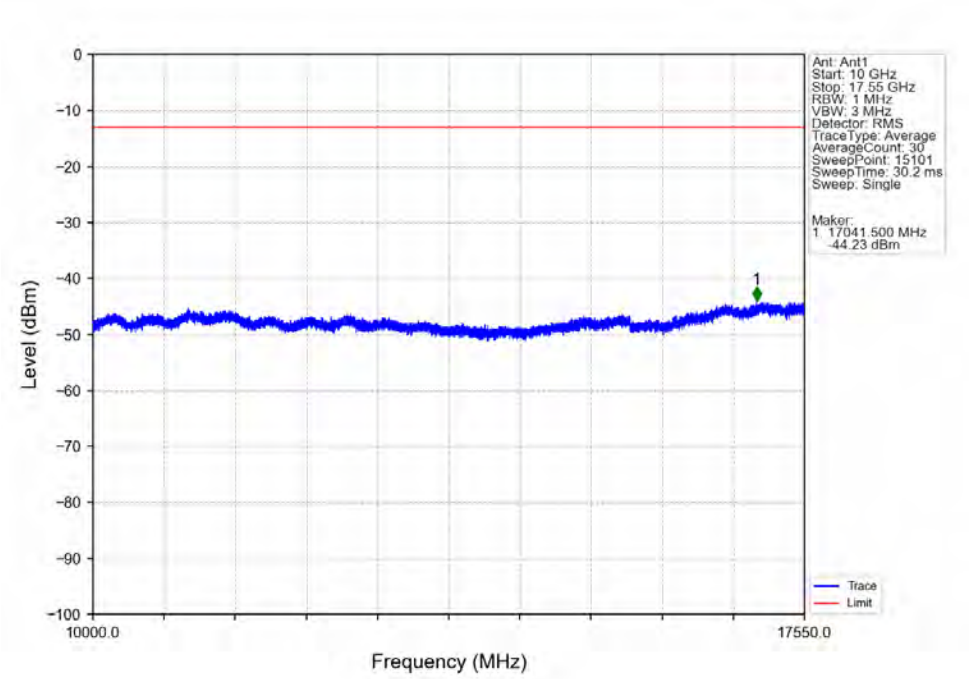
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.28	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-28.60	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

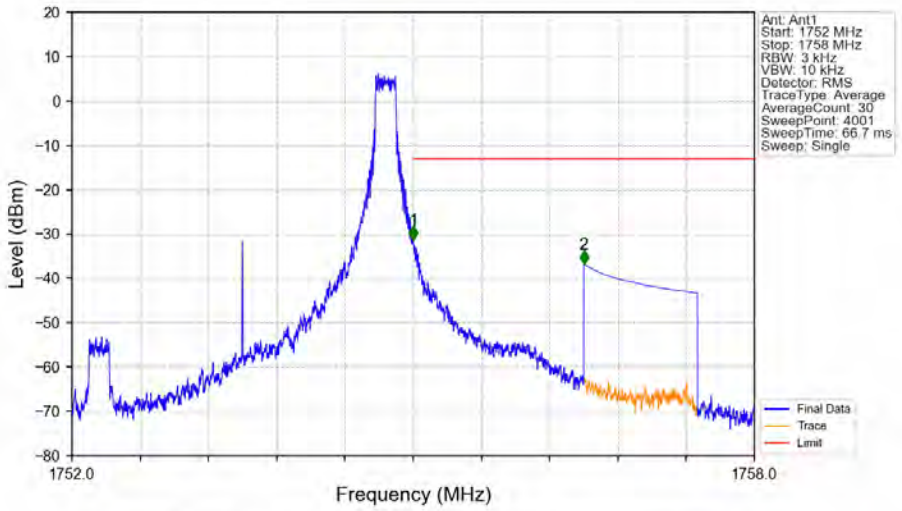


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



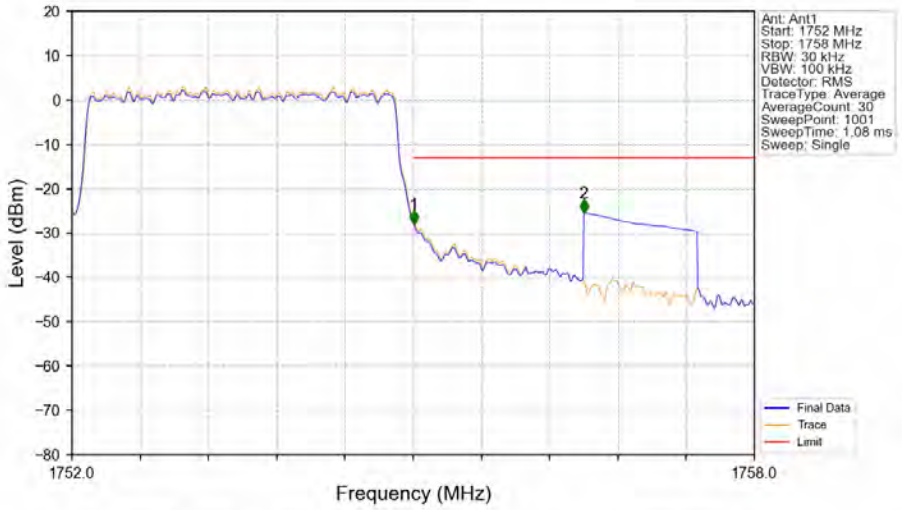
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



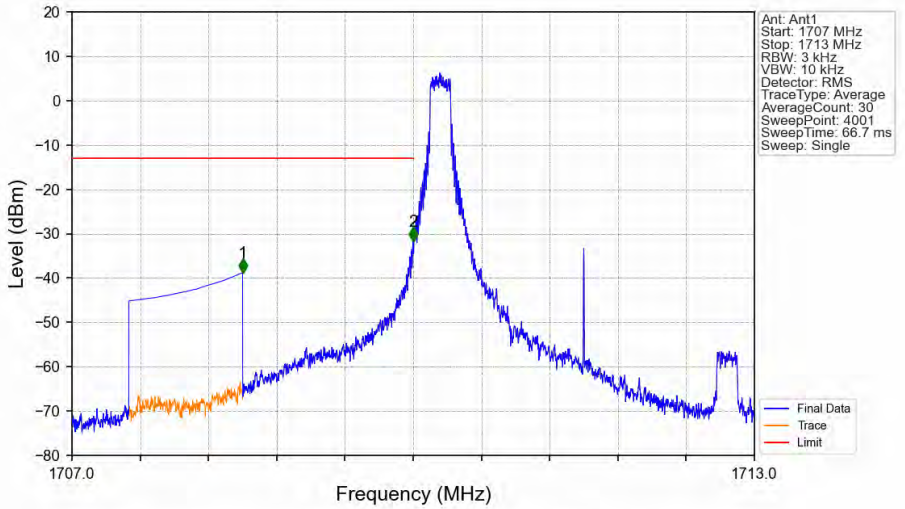
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-31.24	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.81	-13	Pass

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



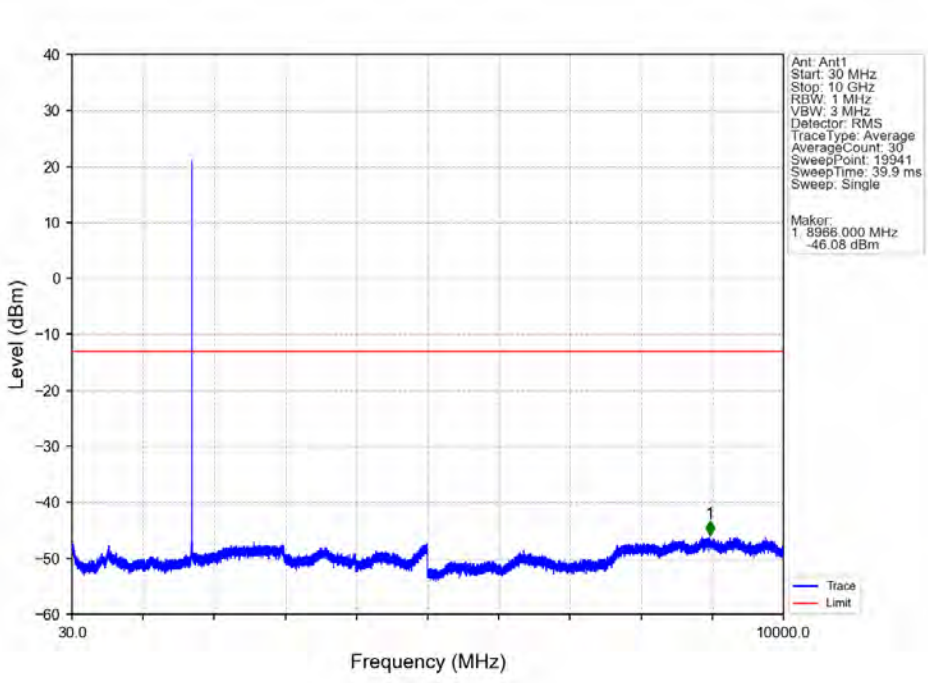
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-28.05	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.51	-13	Pass

Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV

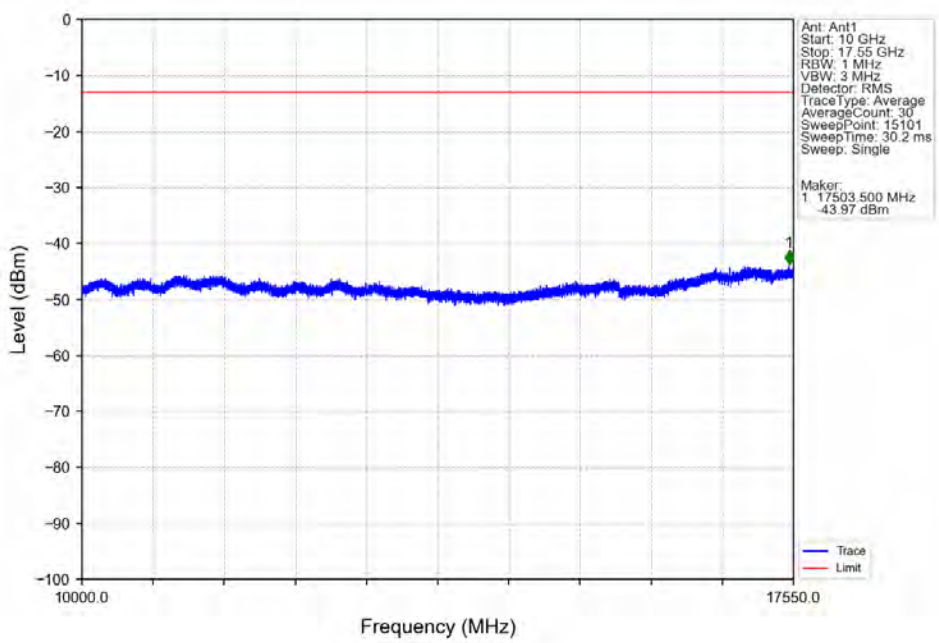


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-38.80	-13	Pass
1709	1710	0.003	/	2	1709.998	-31.75	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

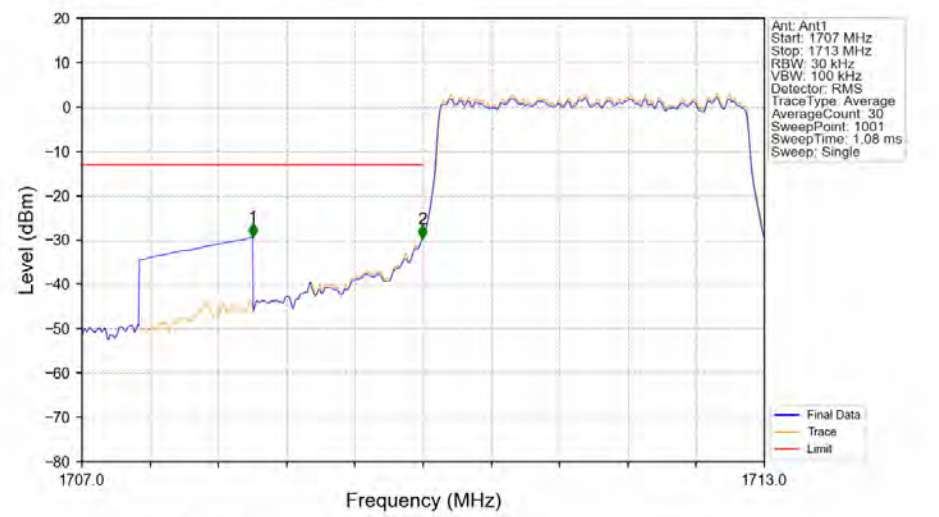
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



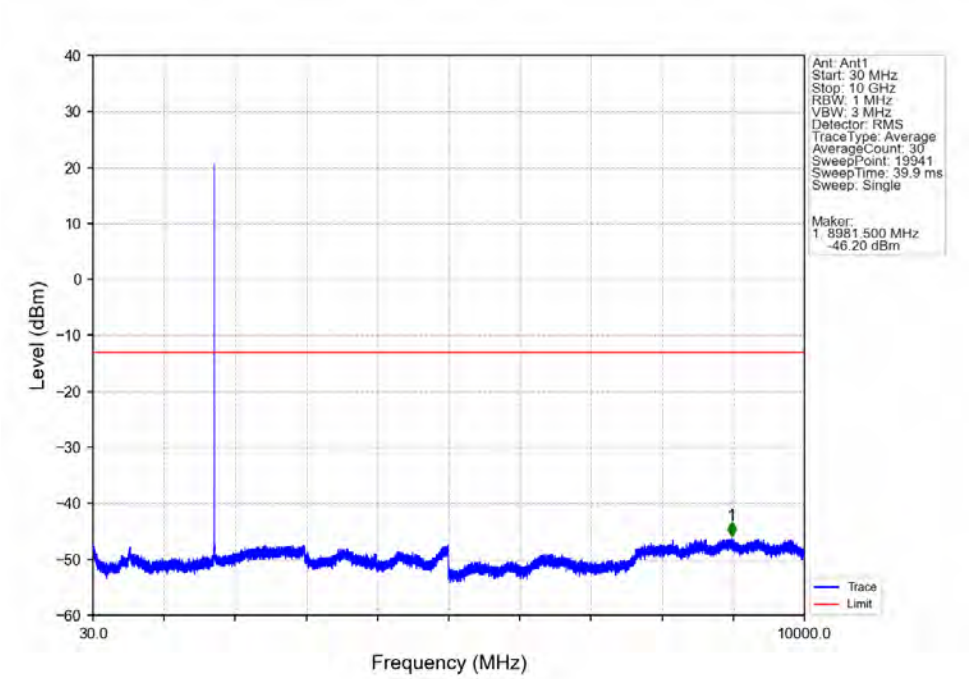
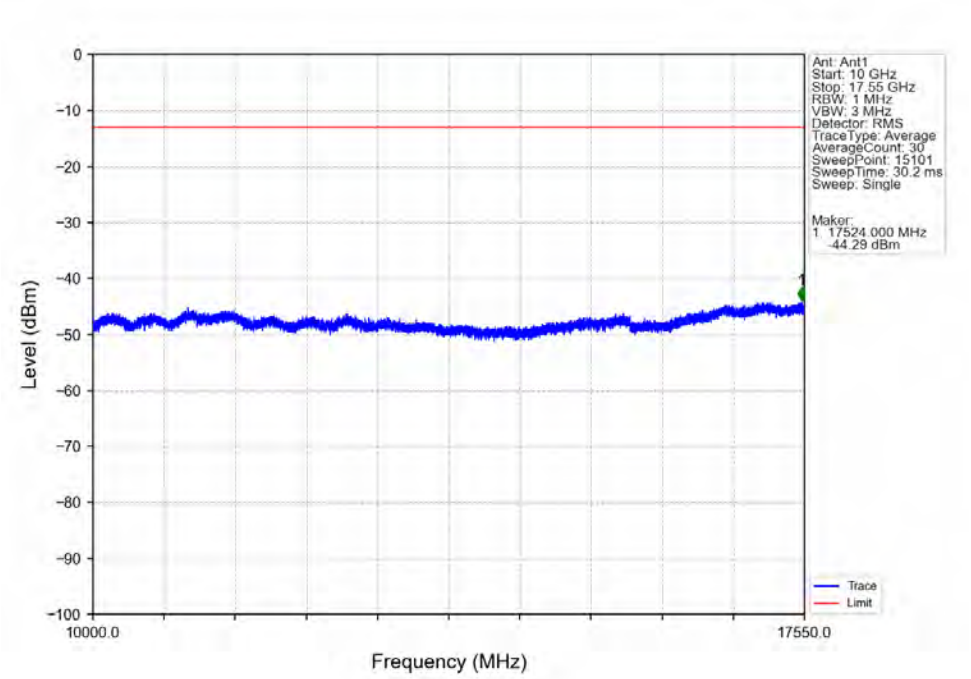
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



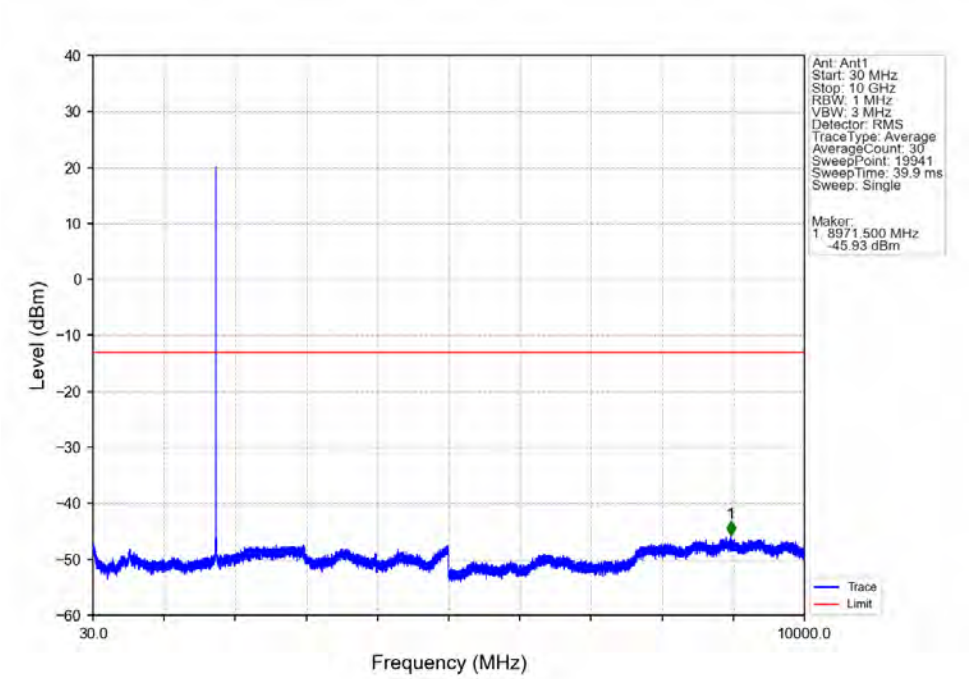
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



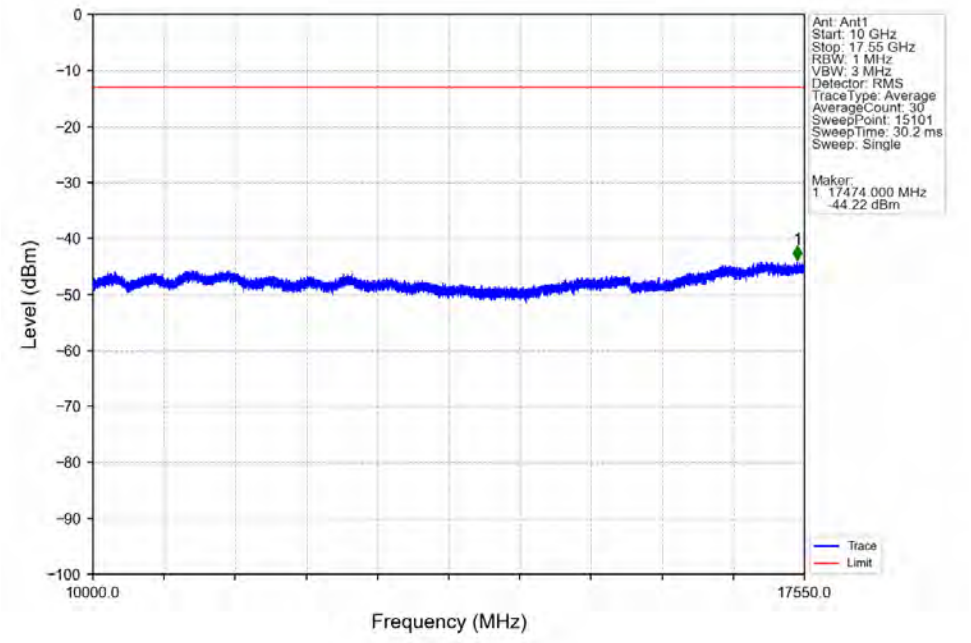
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.34	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-29.74	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV


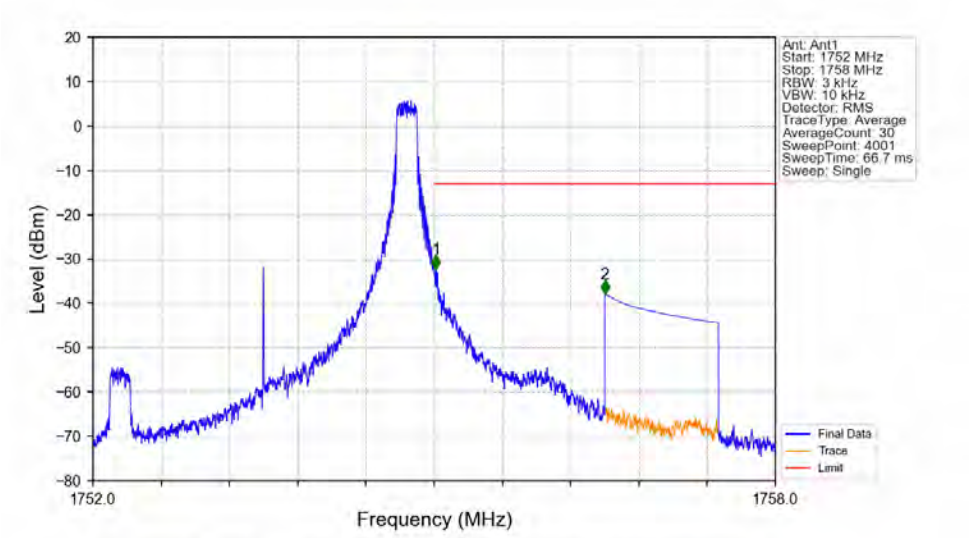
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV

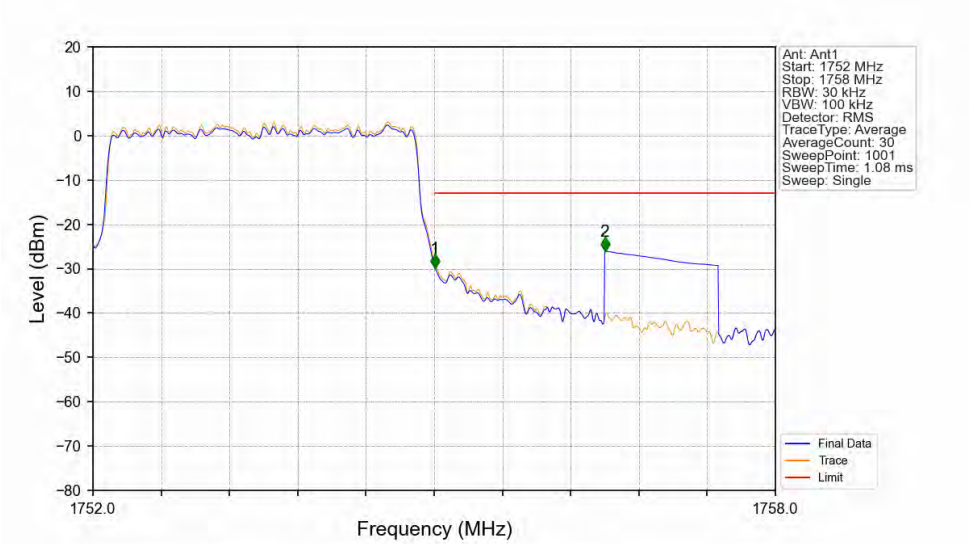


Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-32.26	-13	Pass
1756	1758	1	CHP	2	1756.500	-37.81	-13	Pass

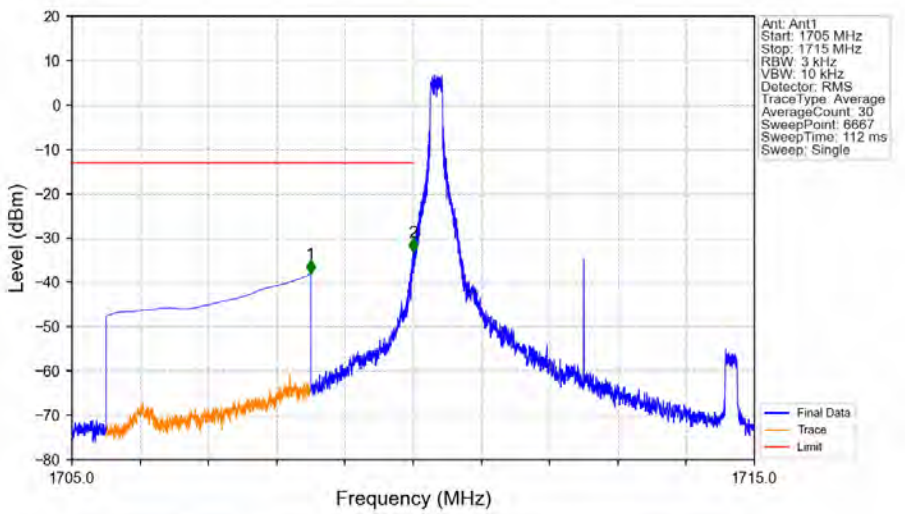
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-29.82	-13	Pass
1756	1758	1	CHP	2	1756.500	-26.05	-13	Pass

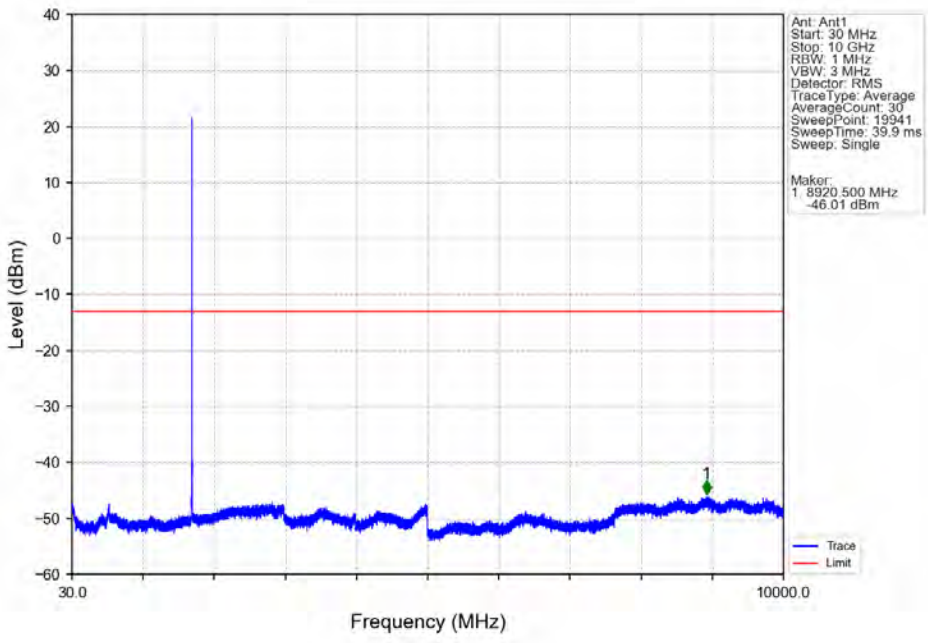
B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

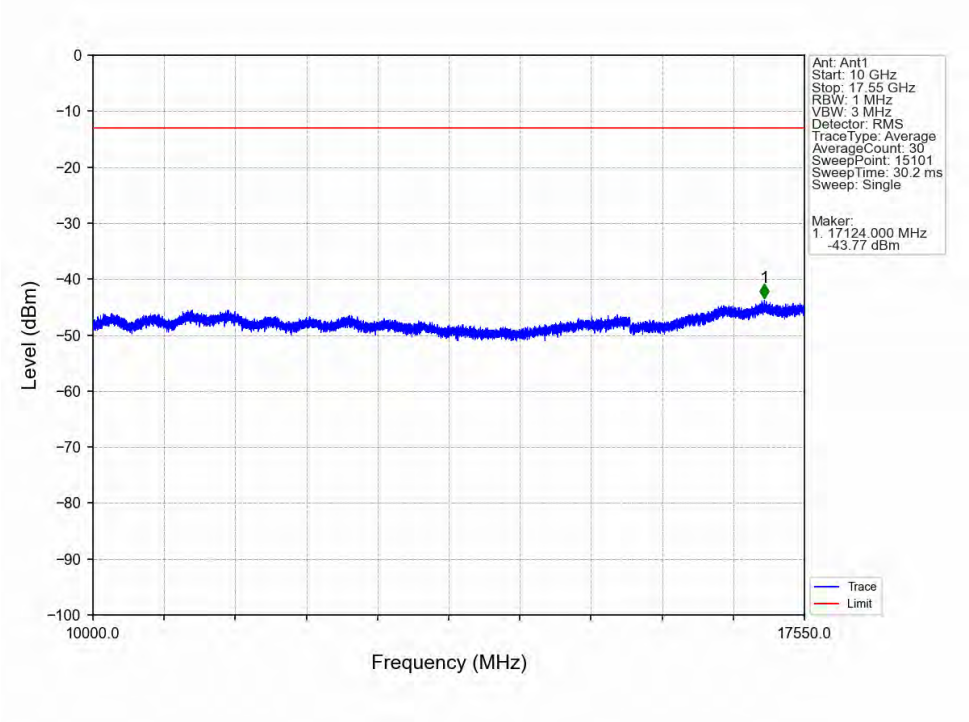


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-38.10	-13	Pass
1709	1710	0.003	/	2	1709.997	-33.12	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

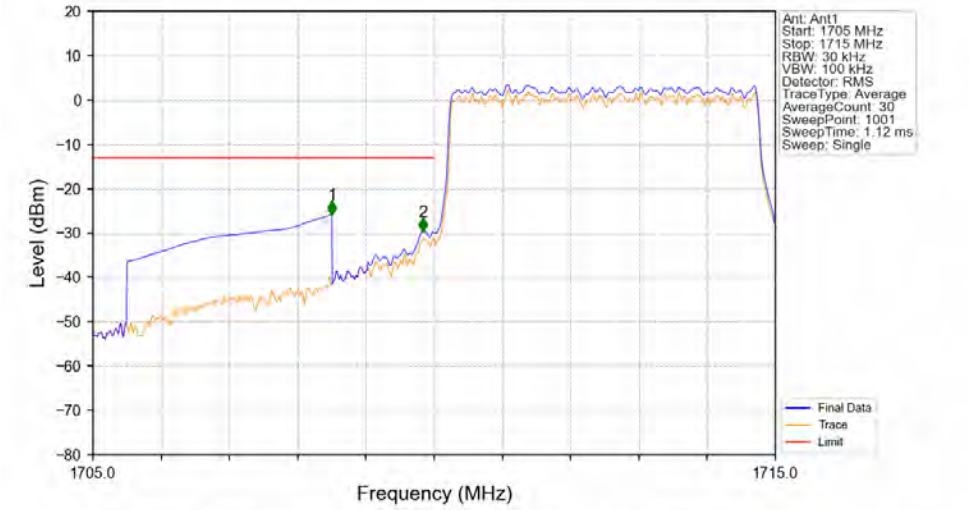
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

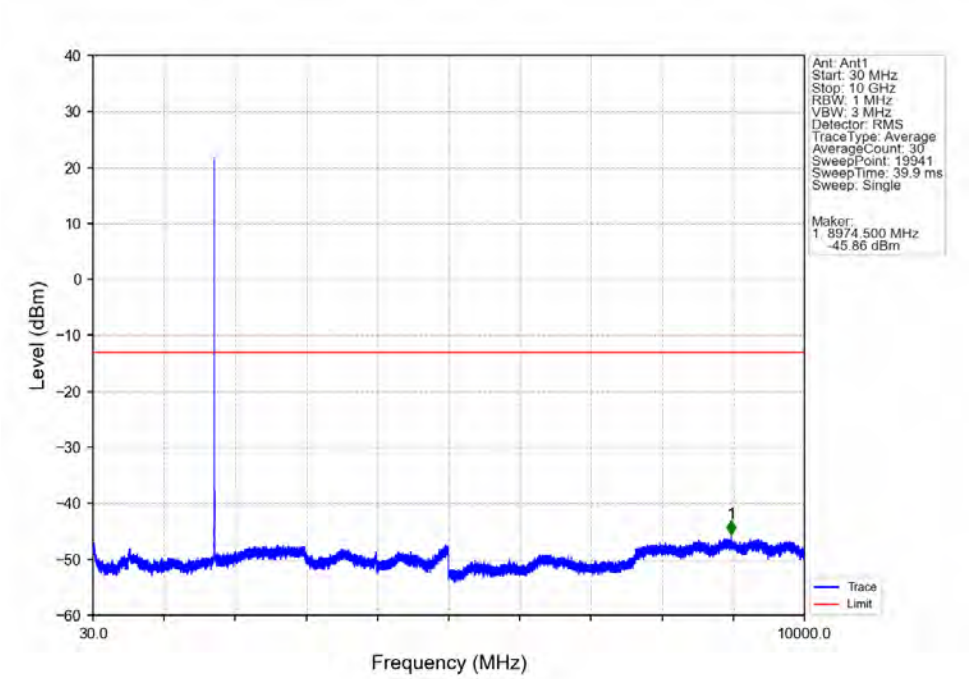


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

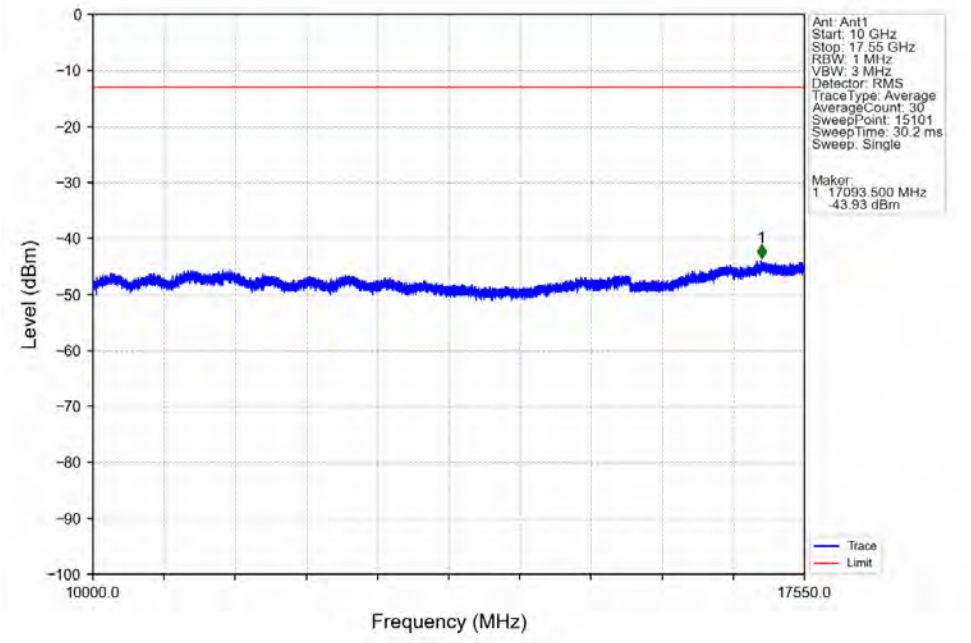


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-25.82	-13	Pass
1709	1710	0.051	CHP	2	1709.840	-29.60	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

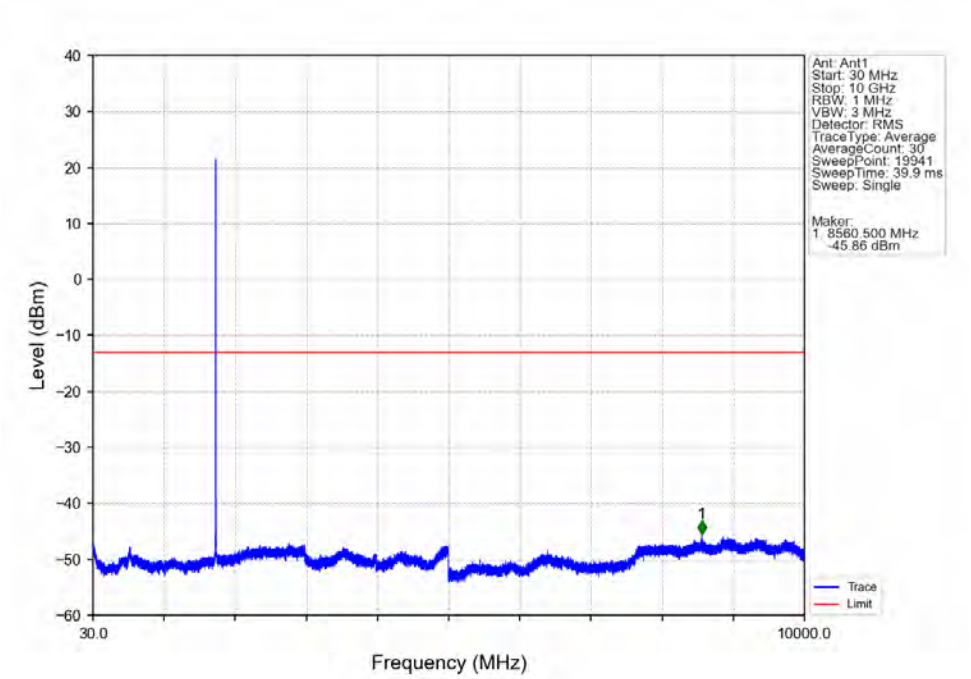
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



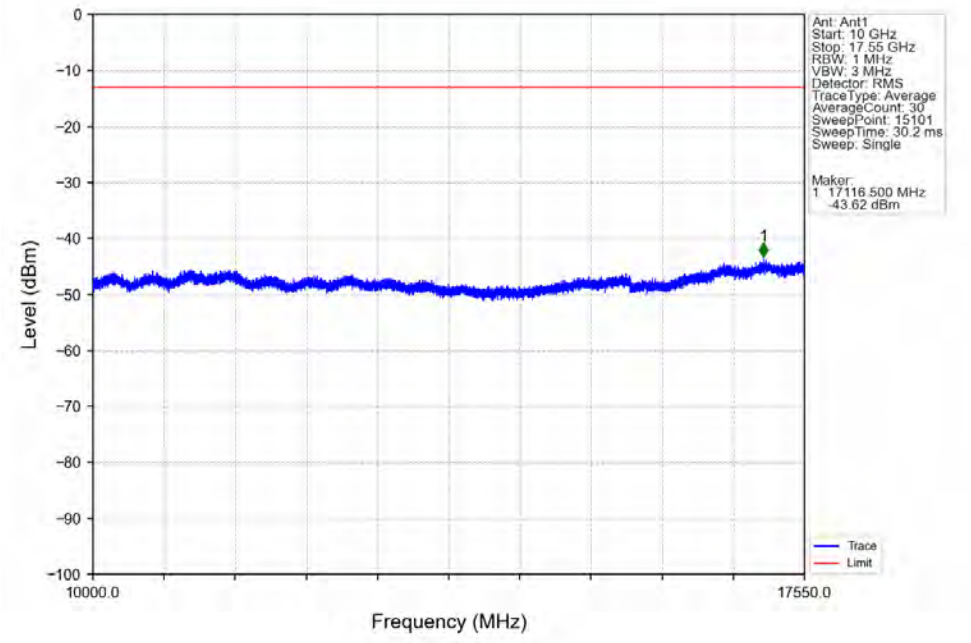
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



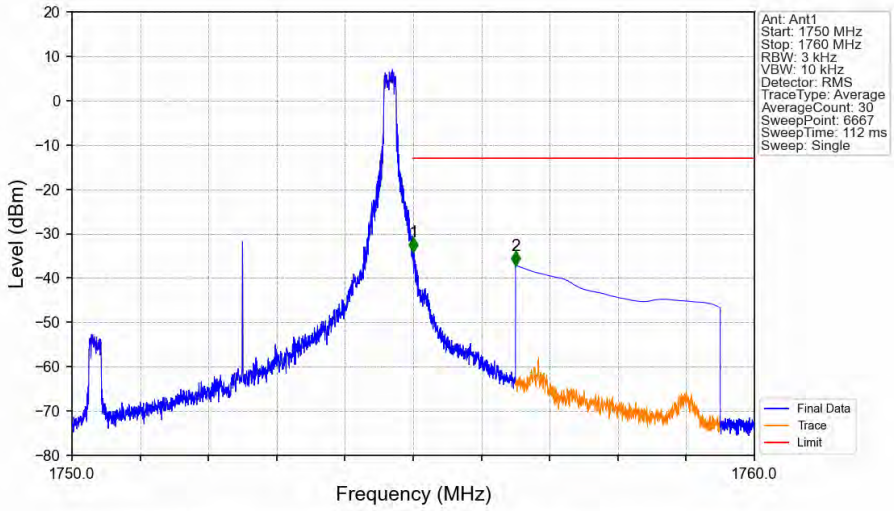
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

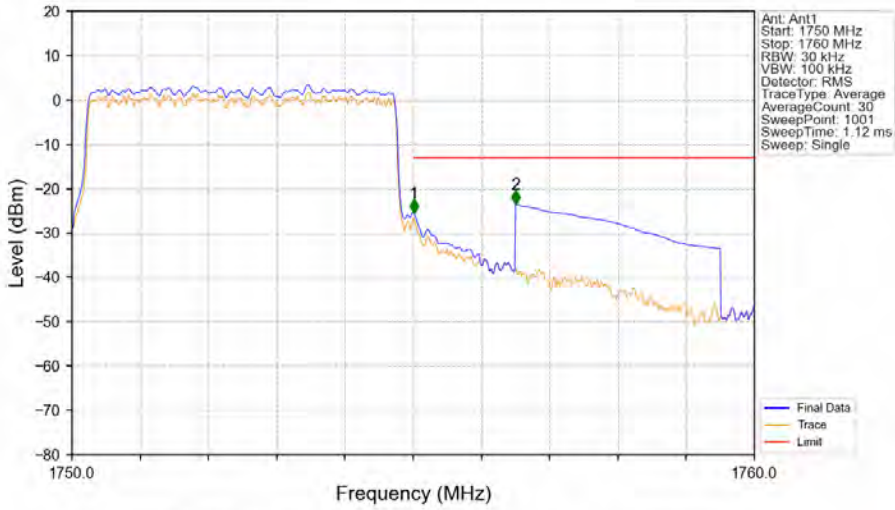


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



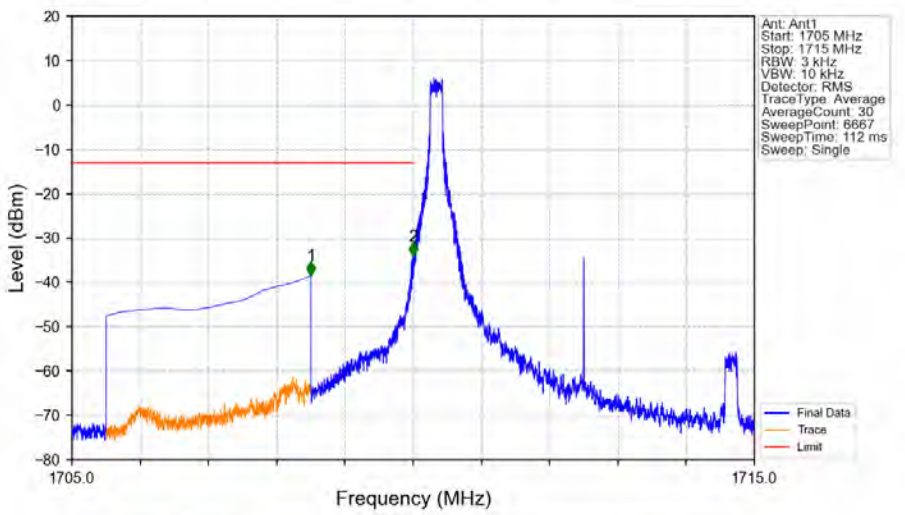
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-34.02	-13	Pass
1756	1760	1	CHP	2	1756.500	-37.09	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



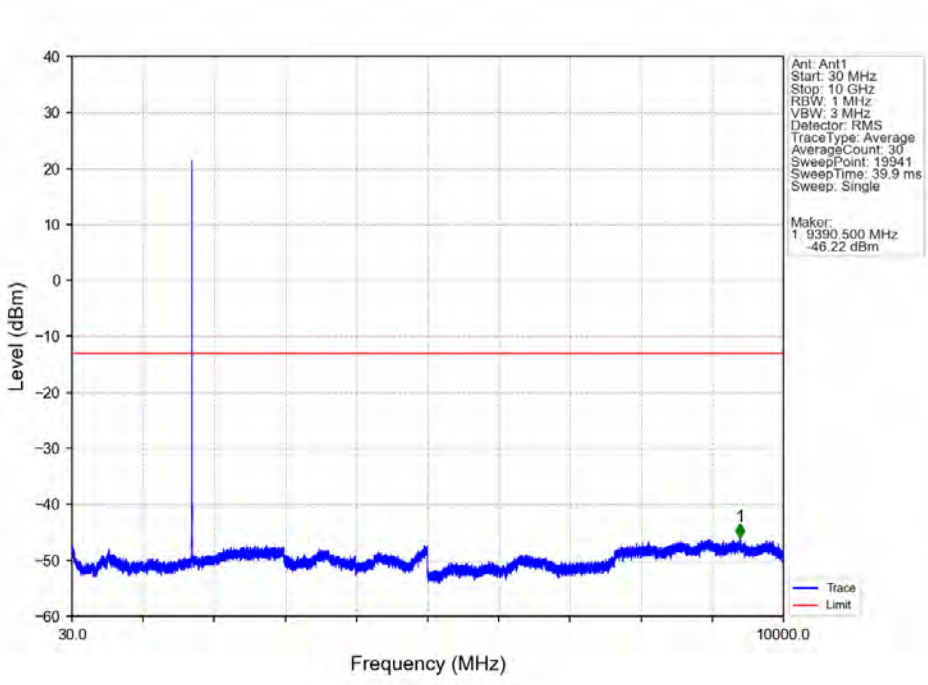
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.052	CHP	/	/	/	/	/
1755	1756	0.052	CHP	1	1755.010	-25.43	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.46	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

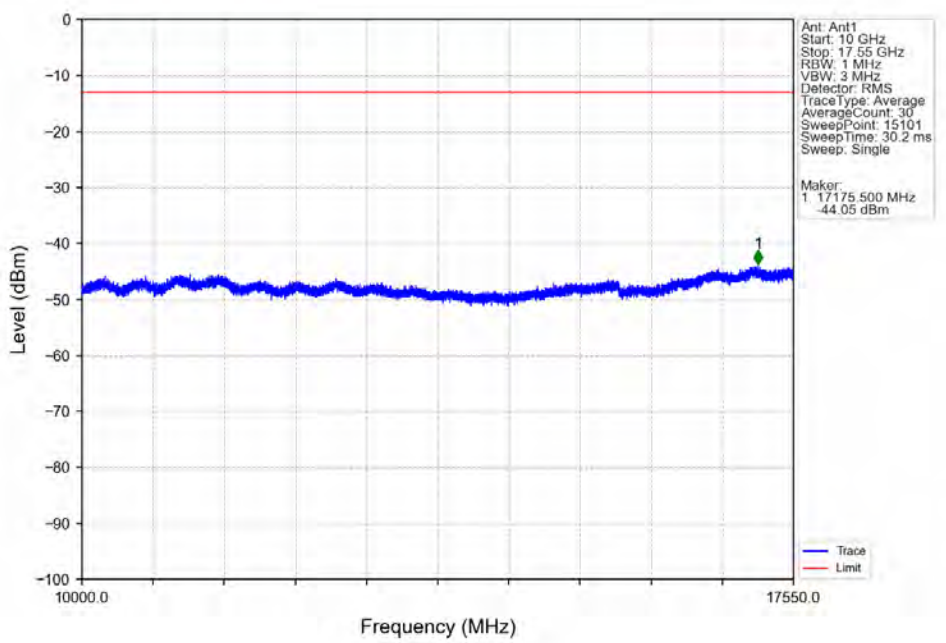


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-38.47	-13	Pass
1709	1710	0.003	/	2	1709.998	-34.01	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

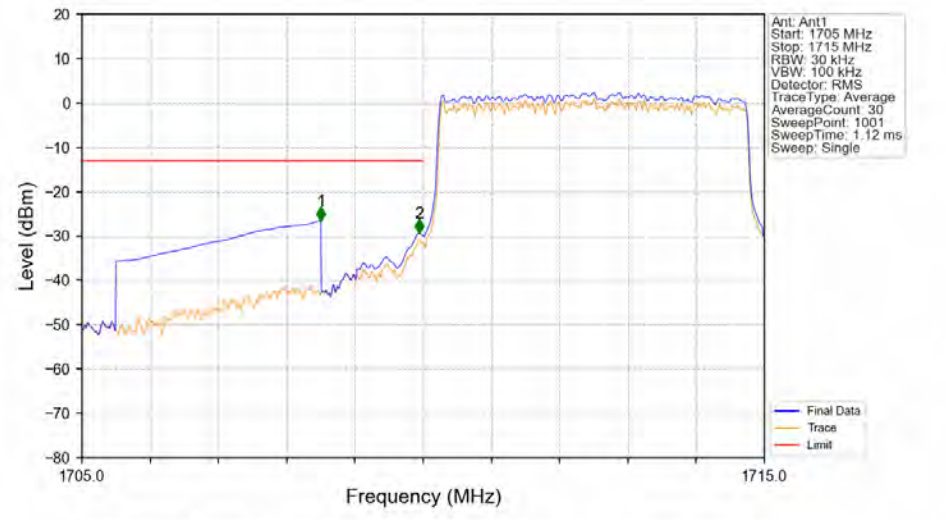
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

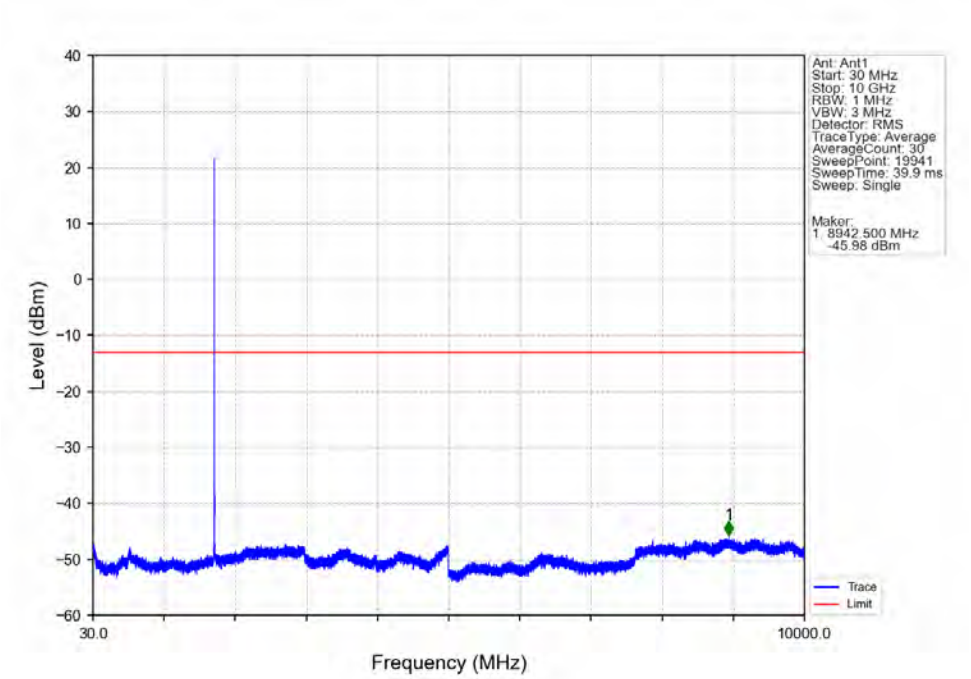


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

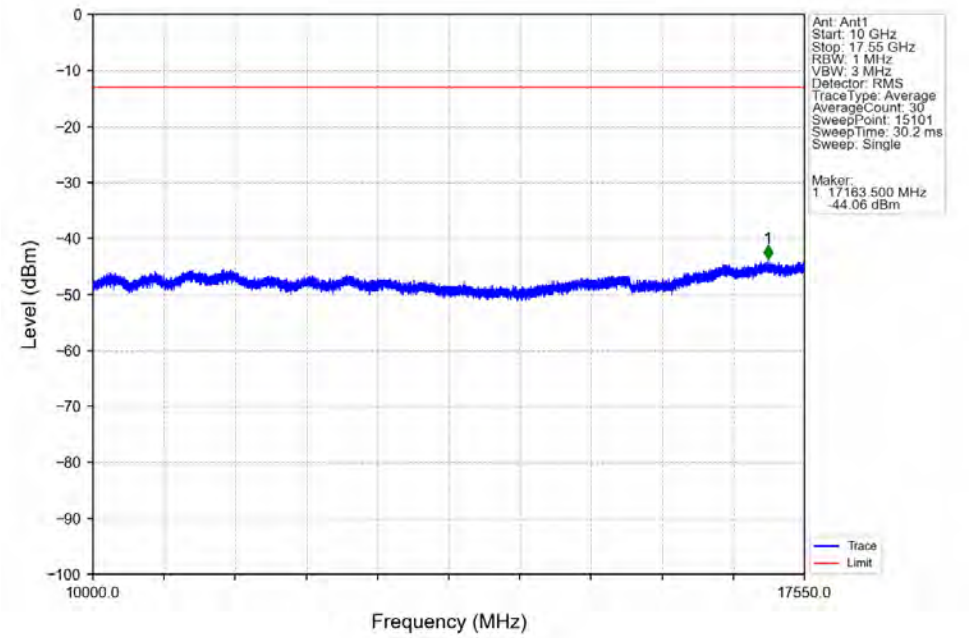


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-26.53	-13	Pass
1709	1710	0.052	CHP	2	1709.940	-29.28	-13	Pass
1710	1715	0.052	CHP	/	/	/	/	/

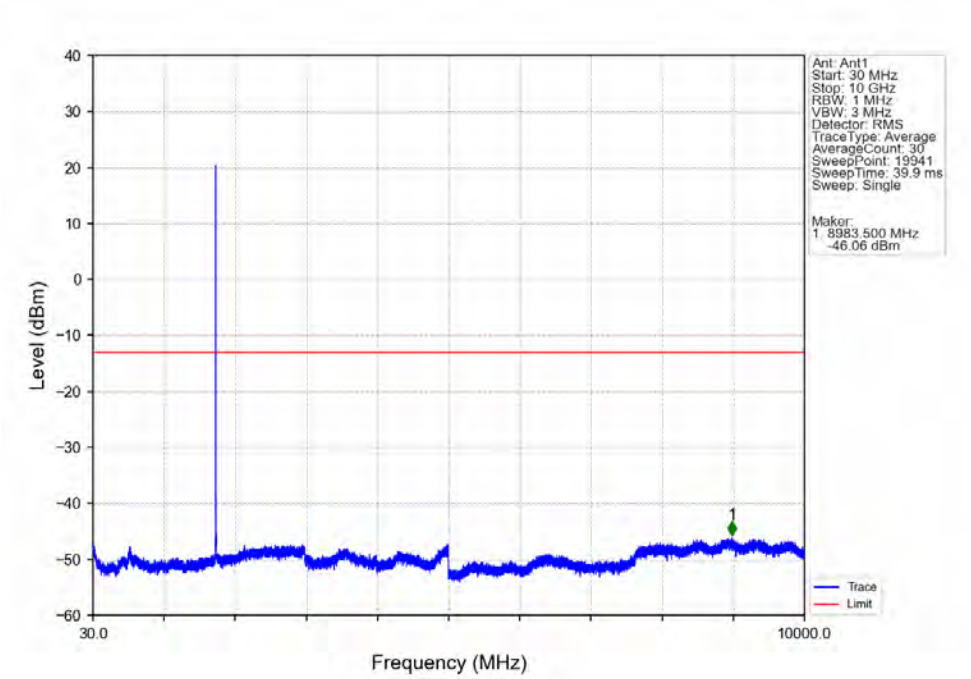
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



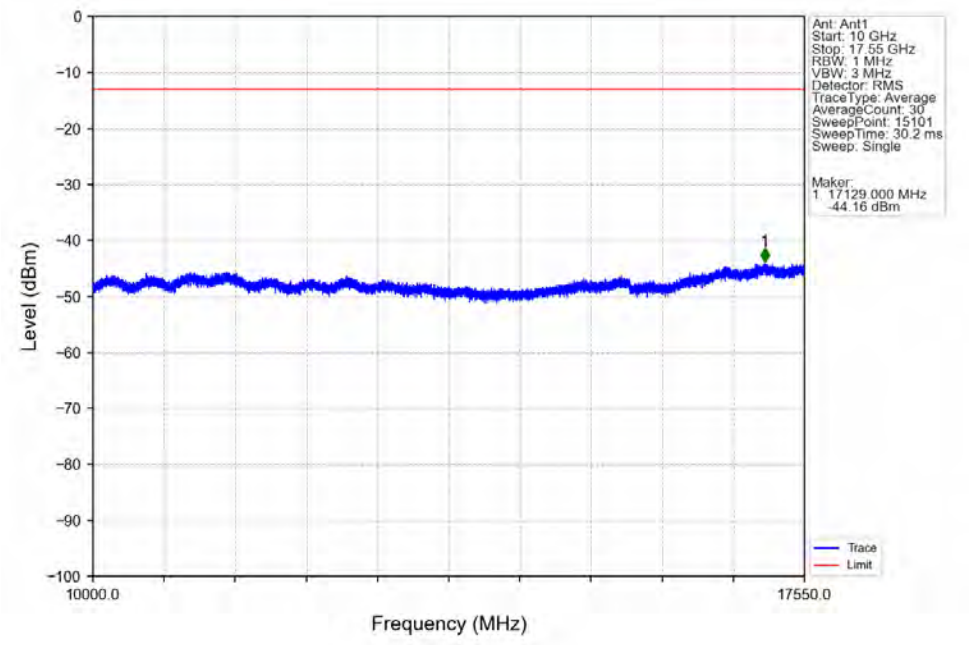
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



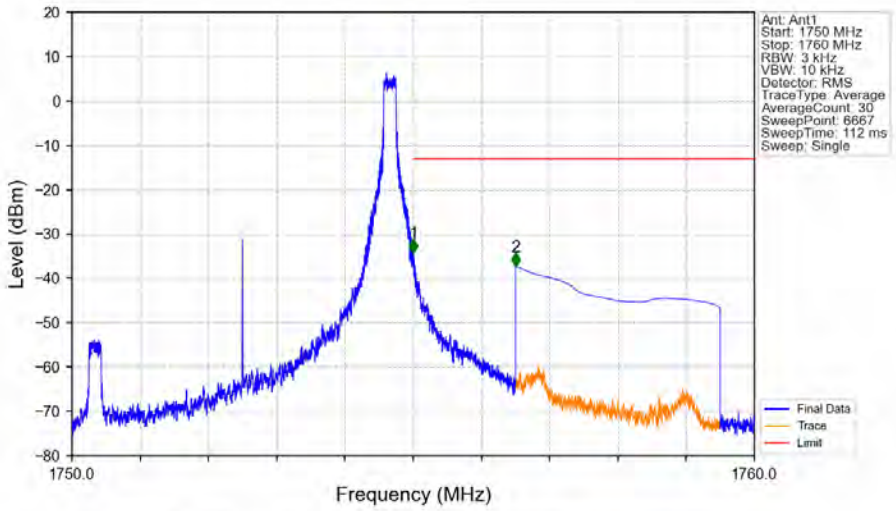
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

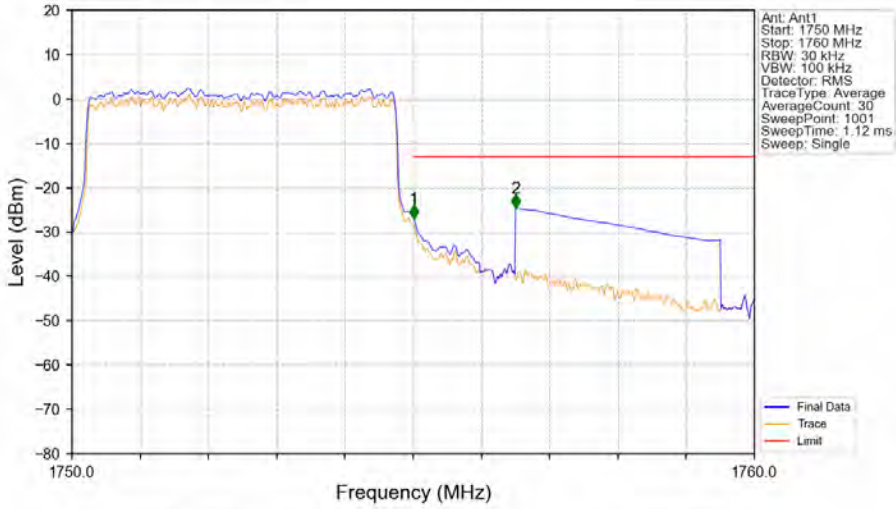


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



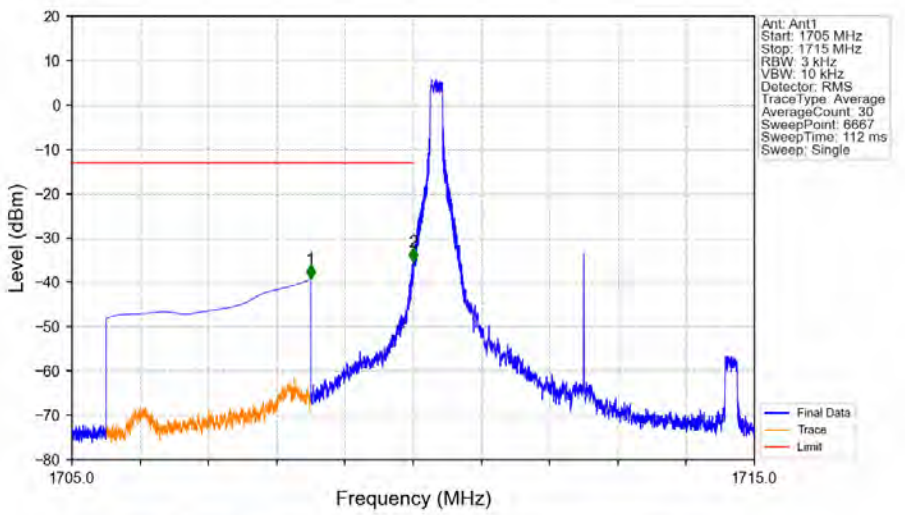
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-34.18	-13	Pass
1756	1760	1	CHP	2	1756.500	-37.33	-13	Pass

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



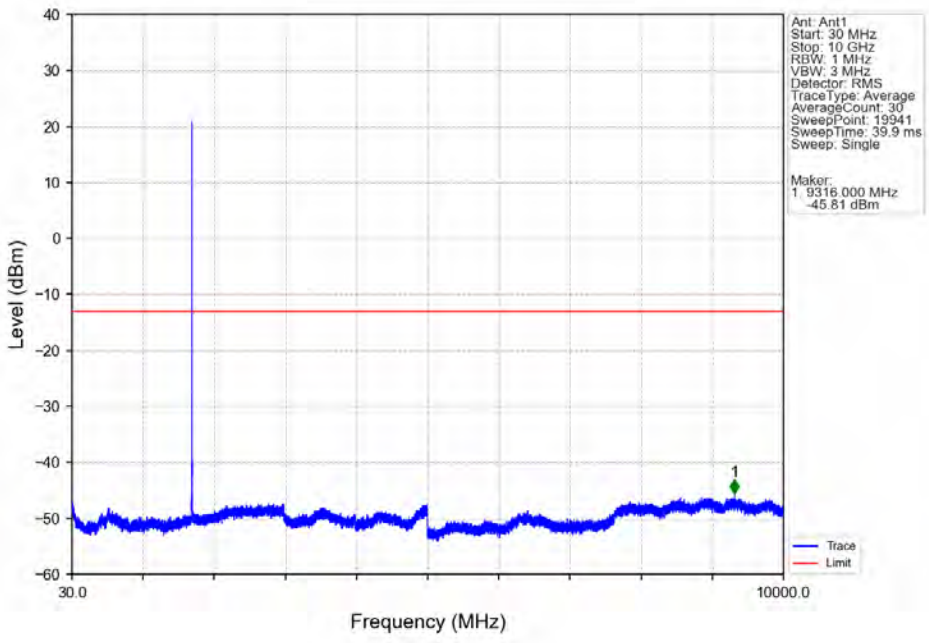
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.052	CHP	/	/	/	/	/
1755	1756	0.052	CHP	1	1755.010	-26.99	-13	Pass
1756	1760	1	CHP	2	1756.500	-24.59	-13	Pass

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV

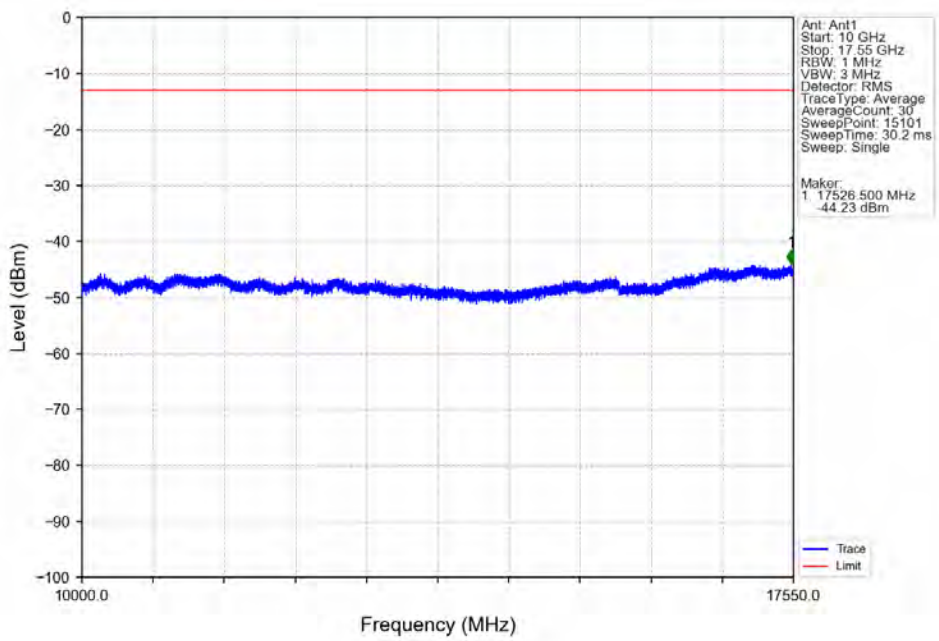


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-39.20	-13	Pass
1709	1710	0.003	/	2	1709.998	-35.35	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

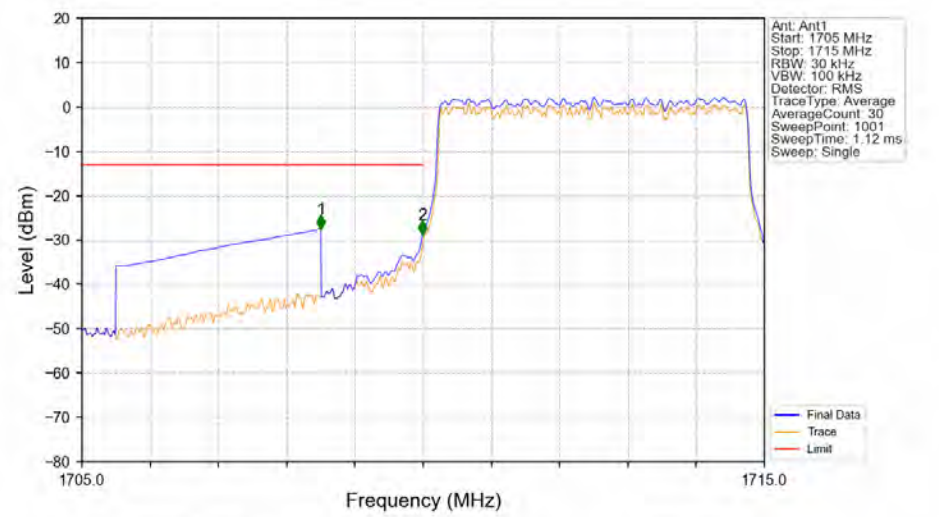
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV

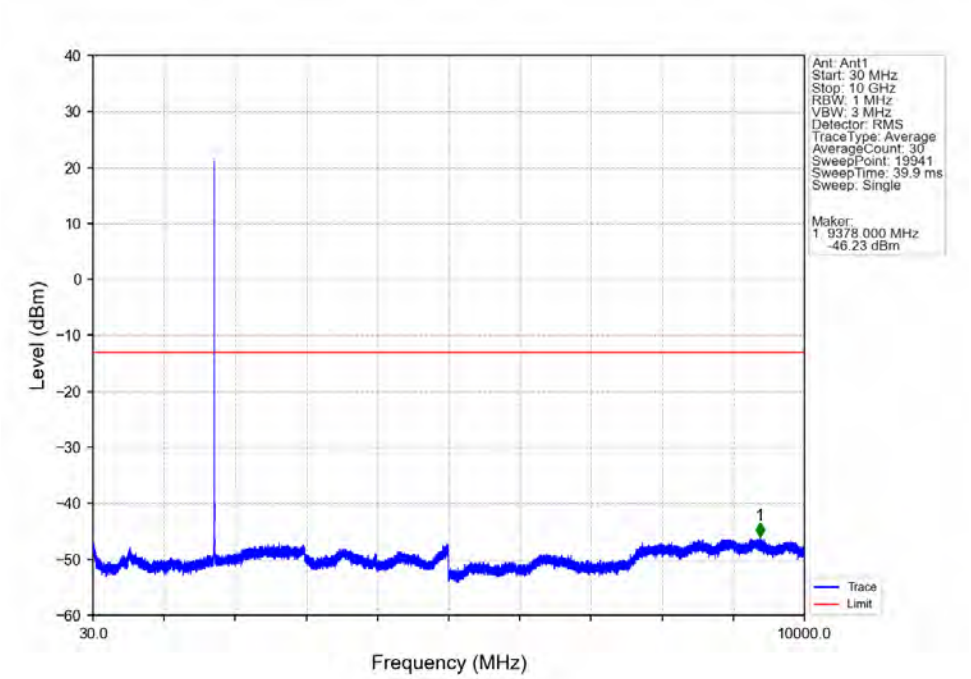


Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV

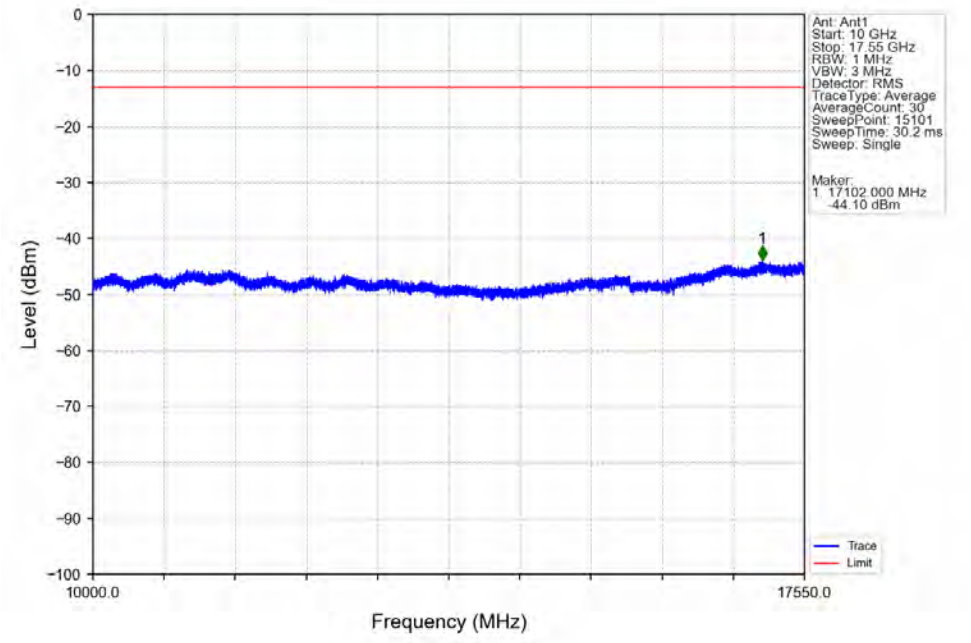


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.41	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-28.84	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

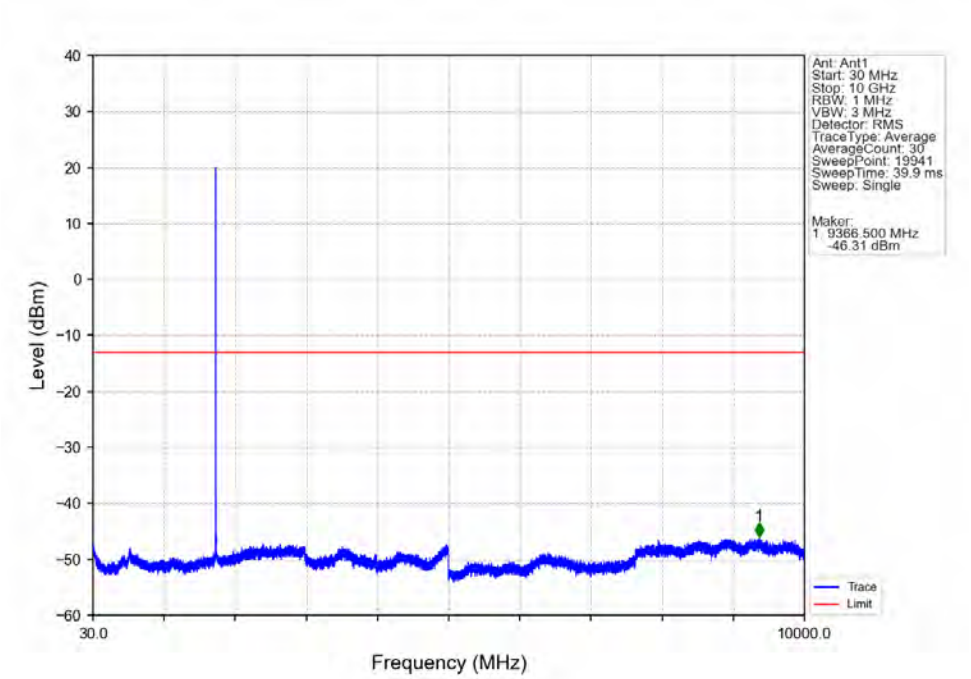
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



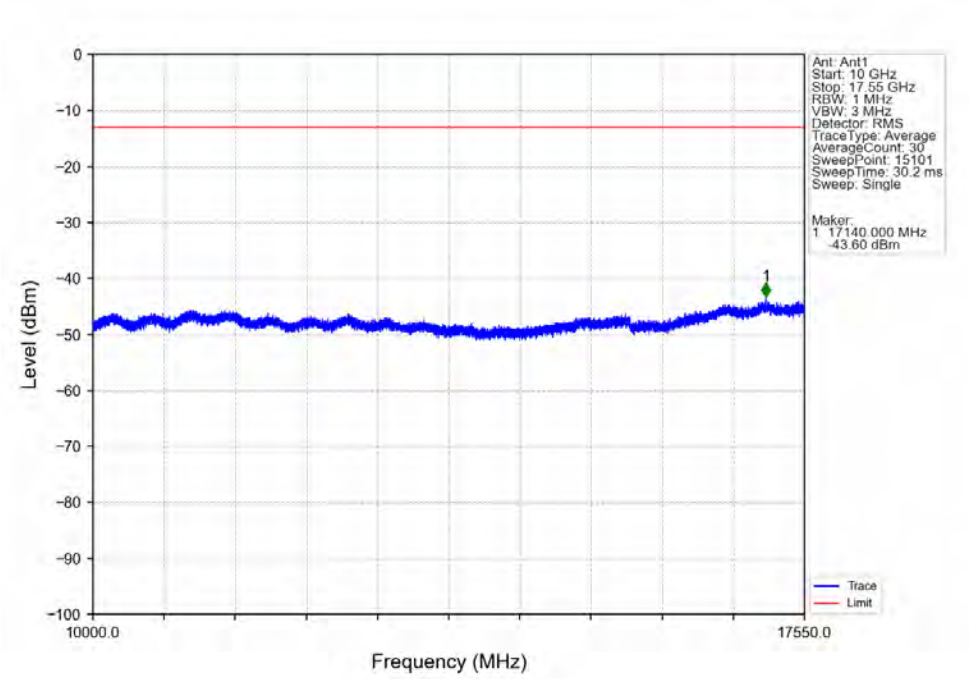
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



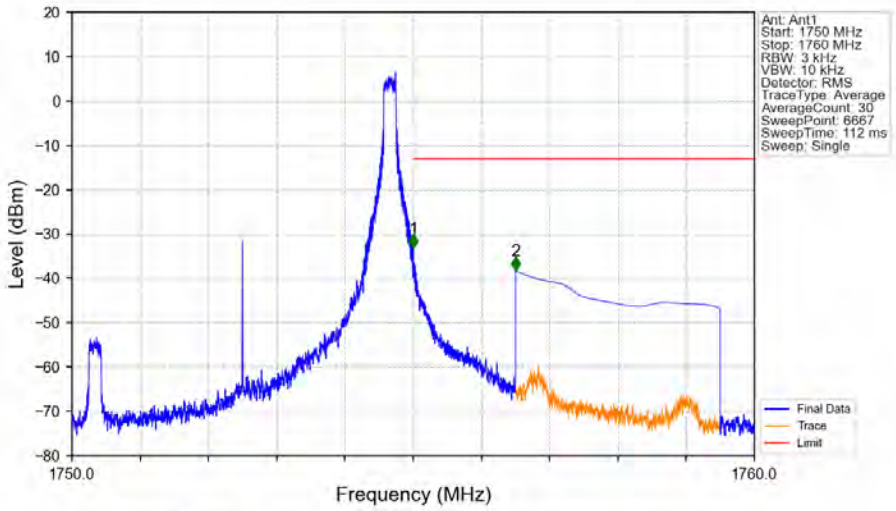
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV

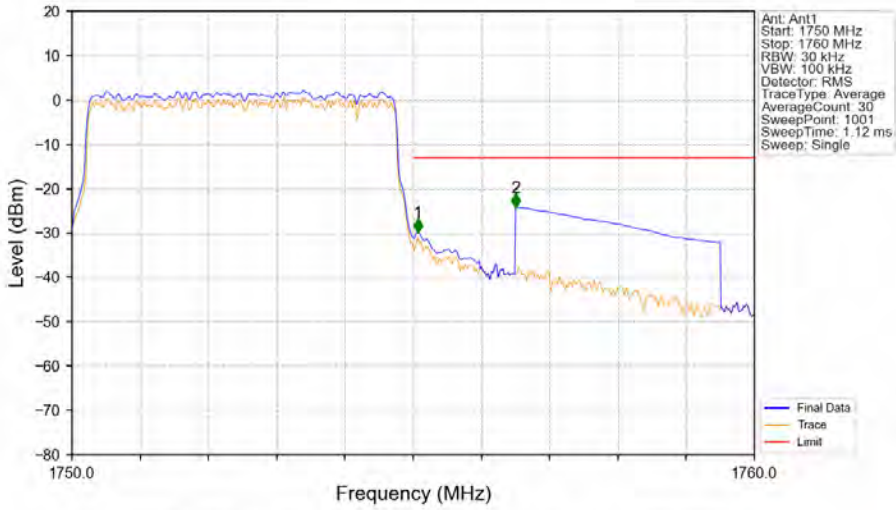


Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.16	-13	Pass
1756	1760	1	CHP	2	1756.500	-38.29	-13	Pass

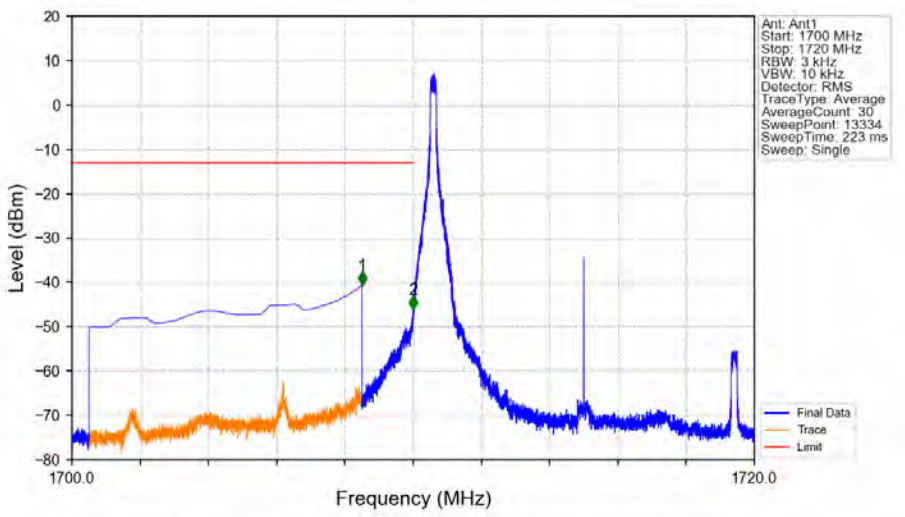
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.052	CHP	/	/	/	/	/
1755	1756	0.052	CHP	1	1755.070	-29.86	-13	Pass
1756	1760	1	CHP	2	1756.500	-24.15	-13	Pass

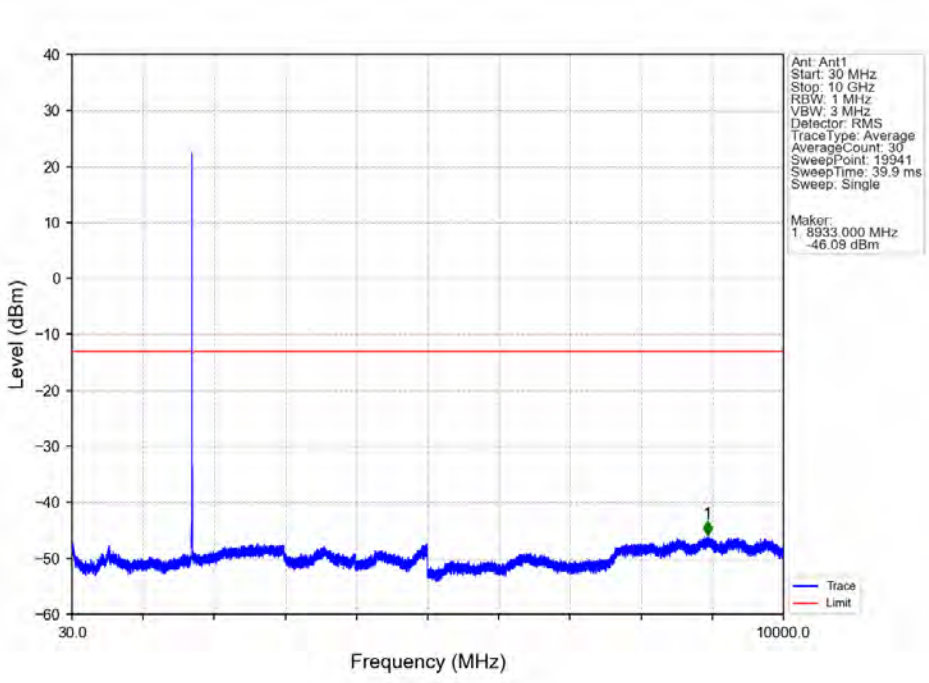
B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

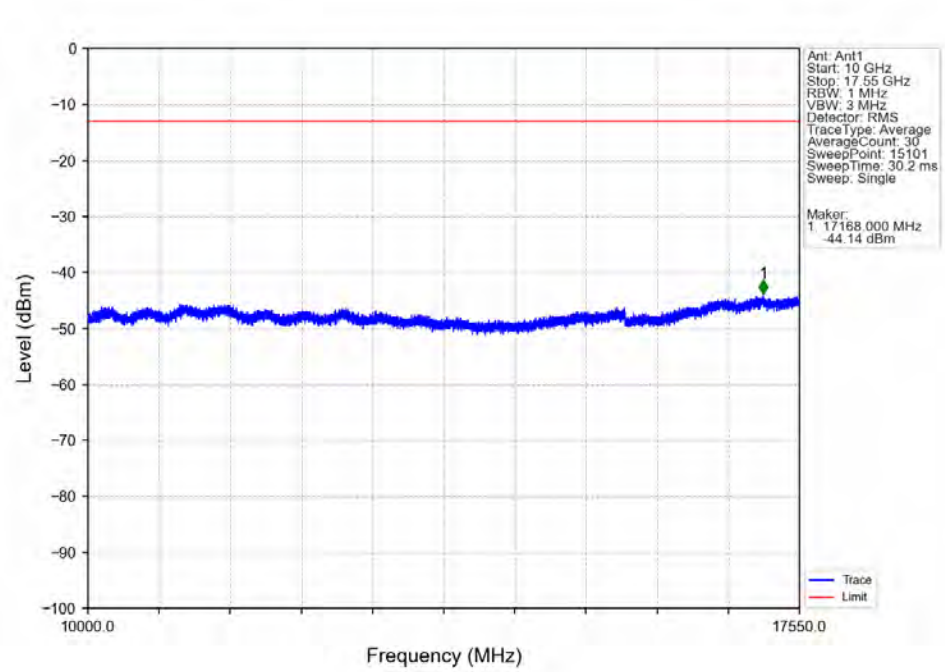


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-40.64	-13	Pass
1709	1710	0.003	/	2	1709.996	-46.08	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

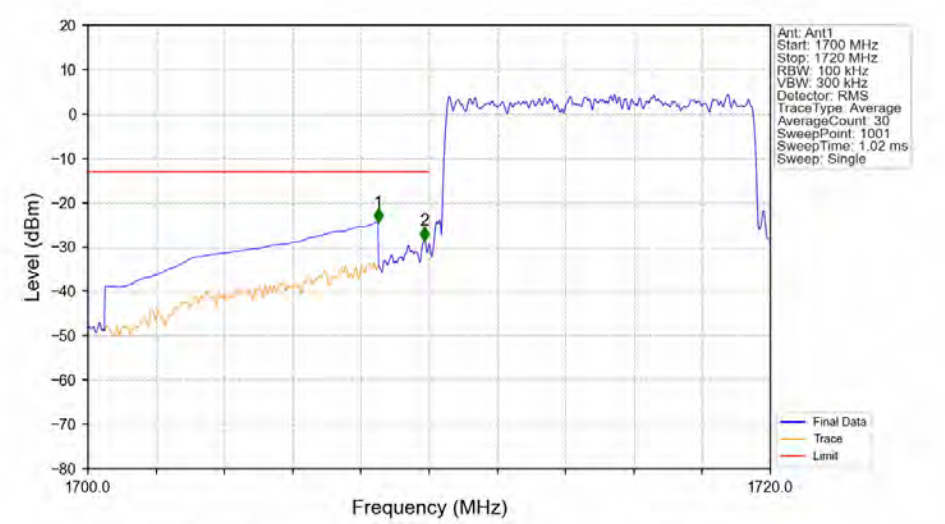
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



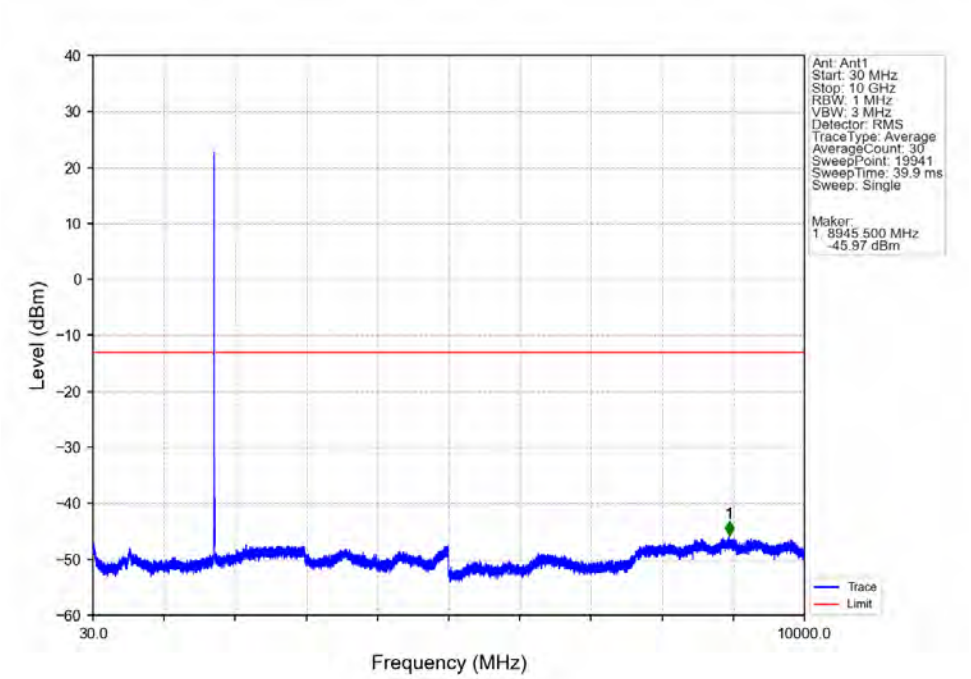
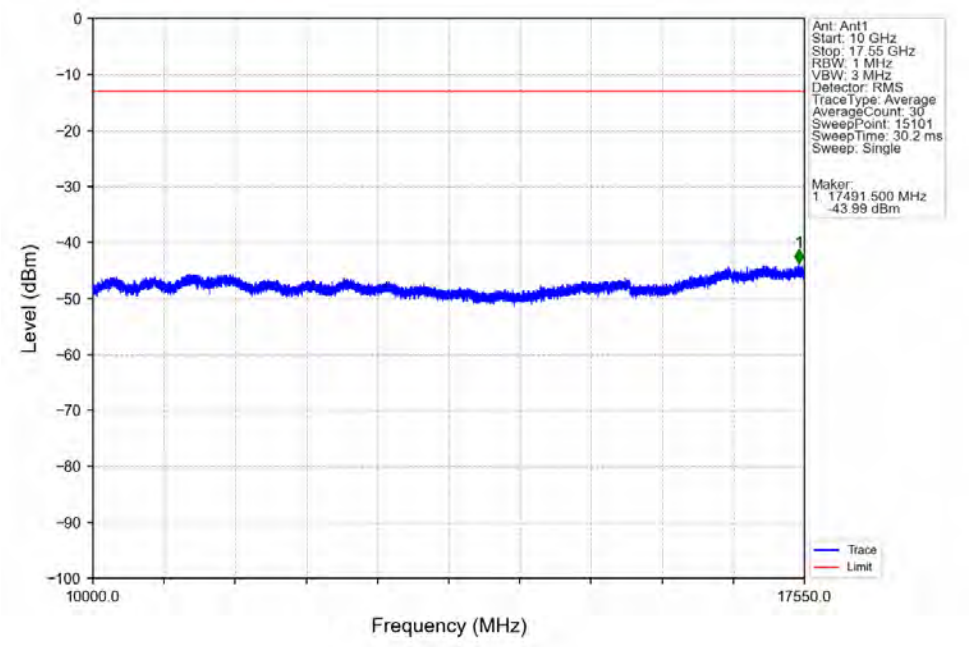
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



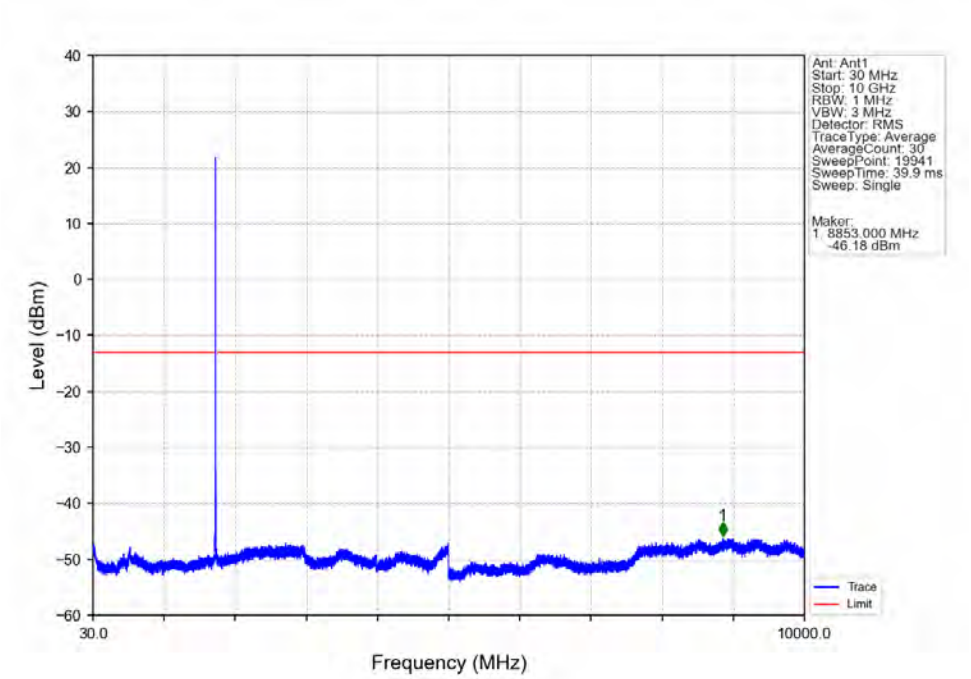
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



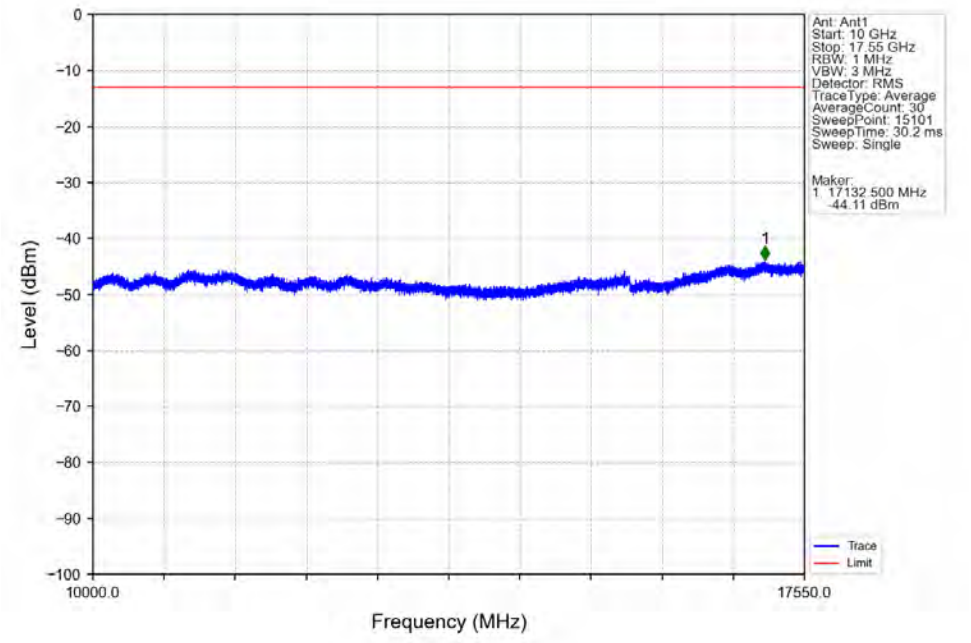
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-24.31	-13	Pass
1709	1710	0.1	/	2	1709.860	-28.49	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


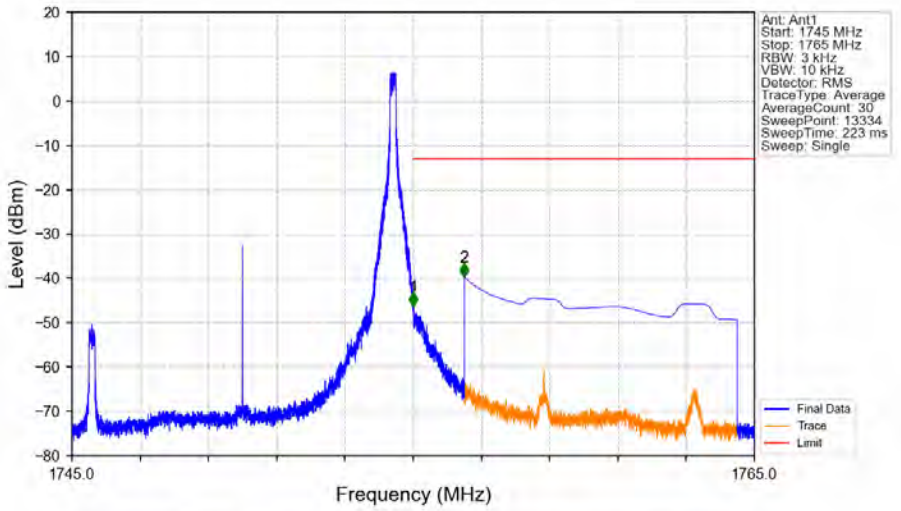
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

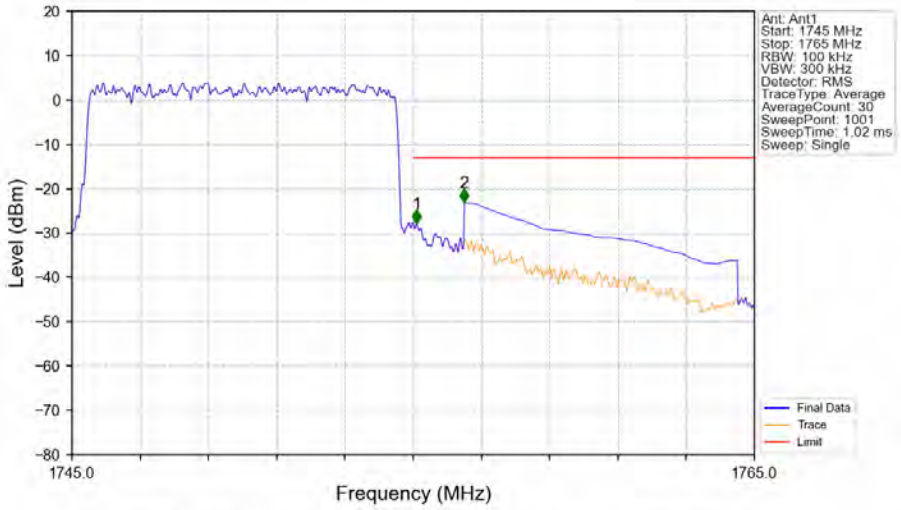


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



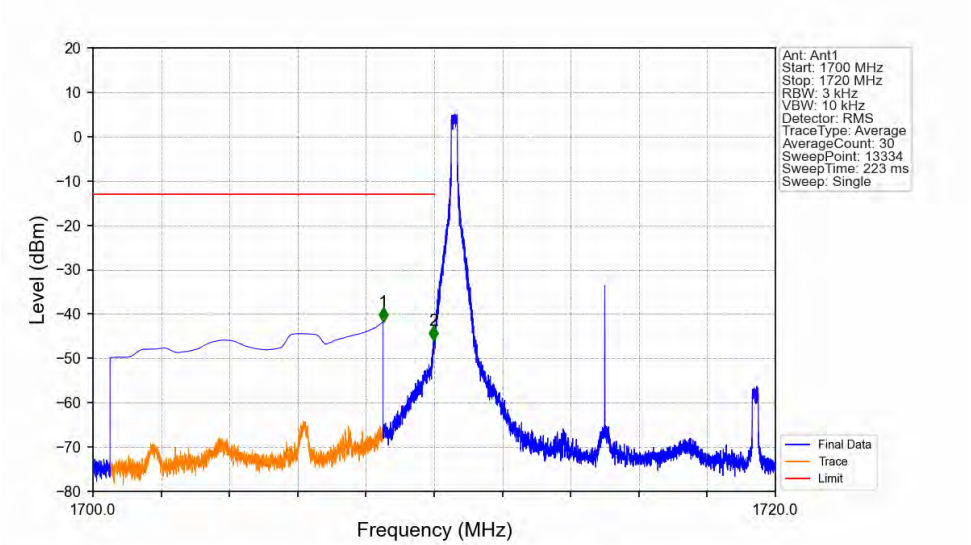
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-46.20	-13	Pass
1756	1765	1	CHP	2	1756.501	-39.75	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



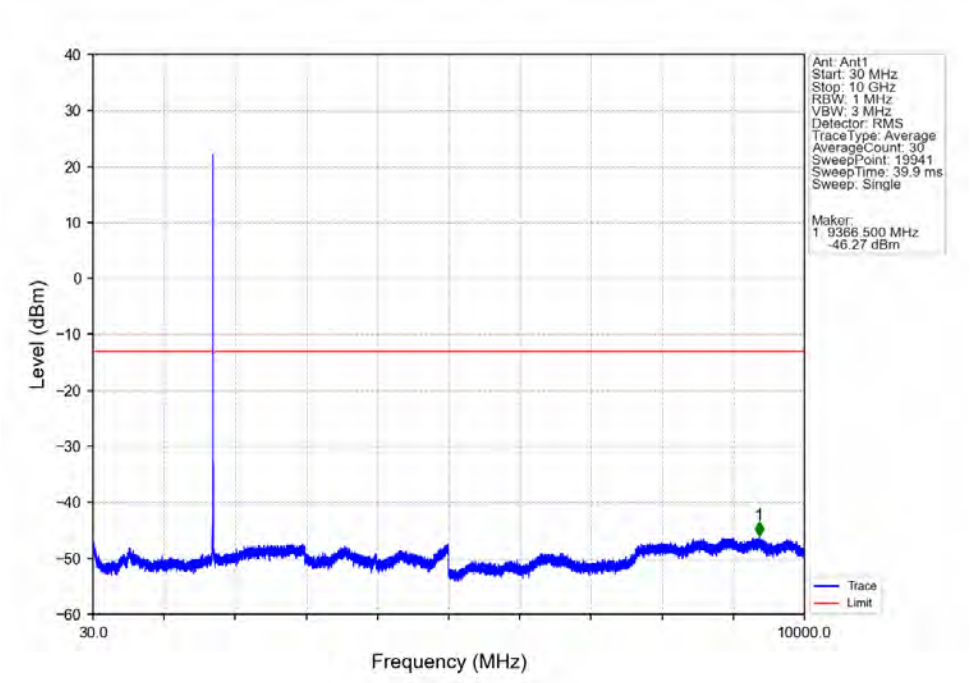
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.100	-27.90	-13	Pass
1756	1765	1	CHP	2	1756.500	-23.15	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

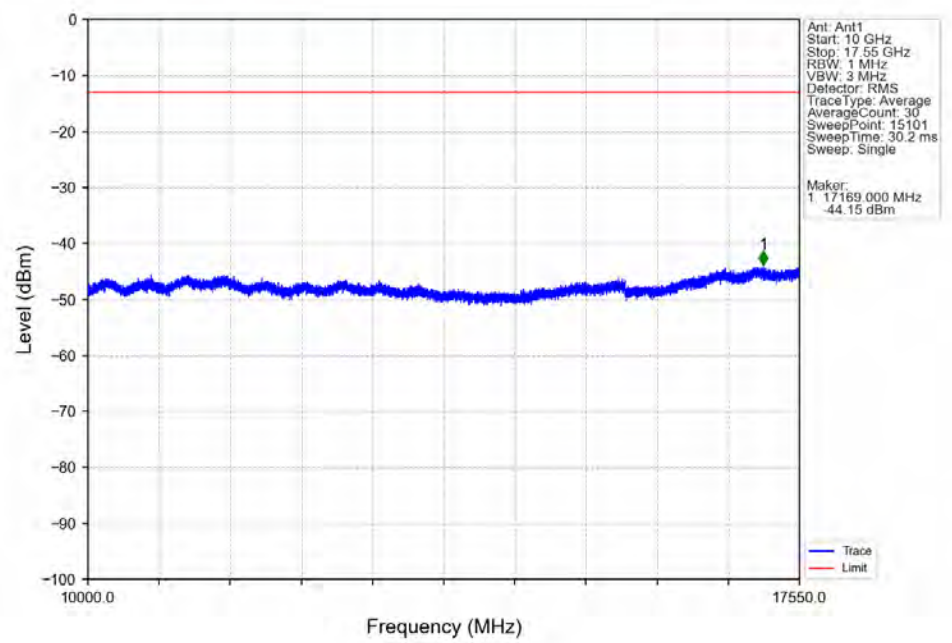


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-41.78	-13	Pass
1709	1710	0.003	/	2	1709.986	-45.86	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

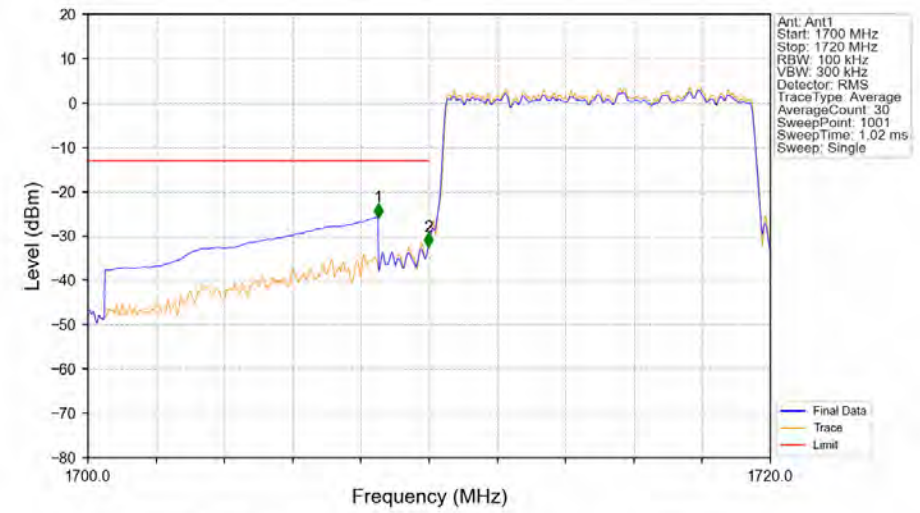
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

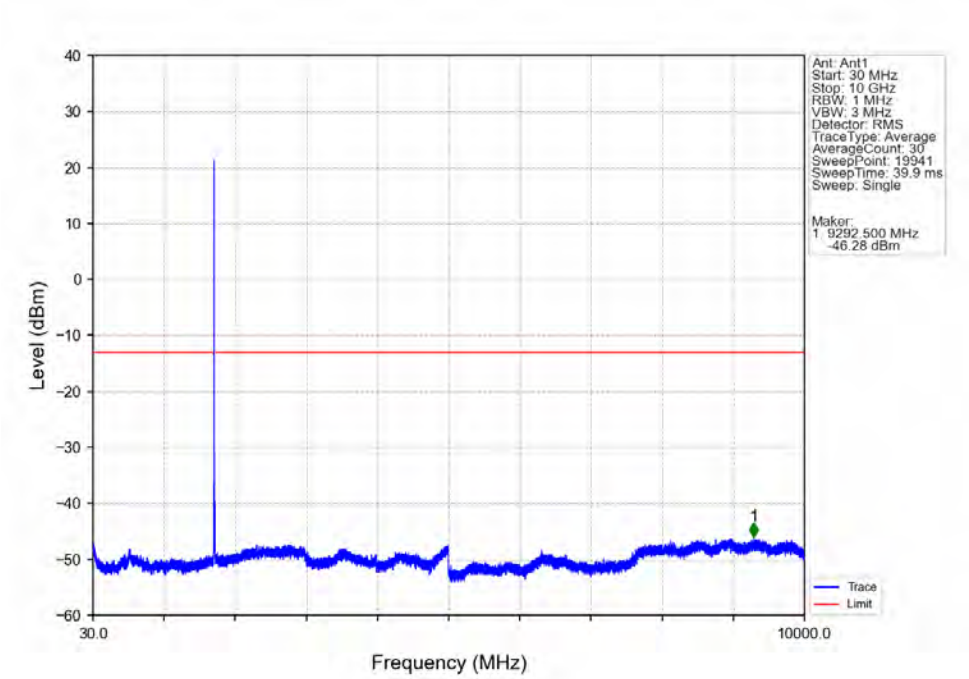


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

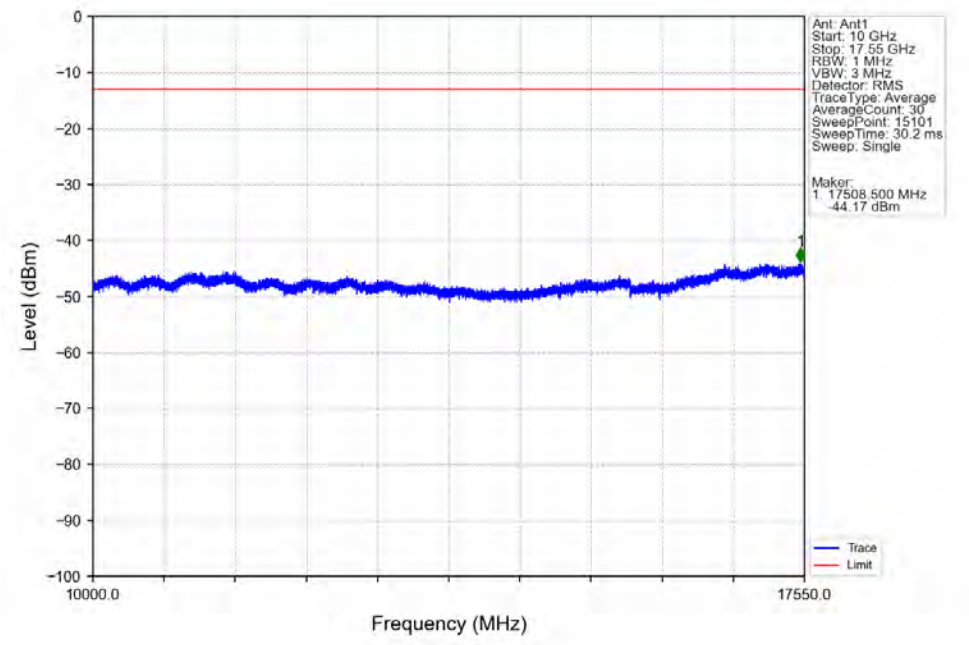


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-25.76	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-32.34	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

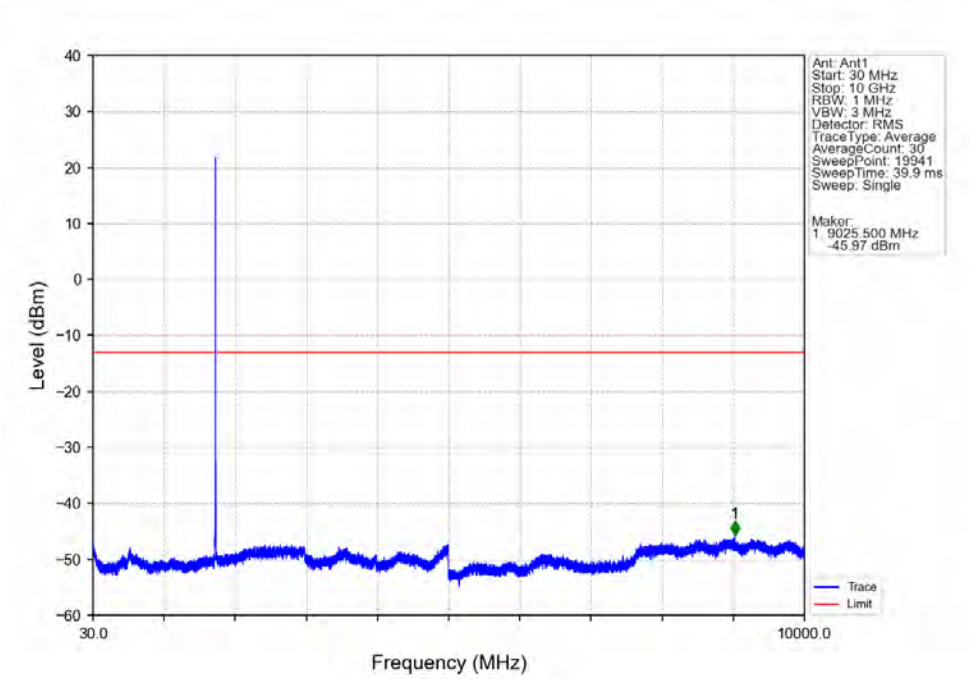
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



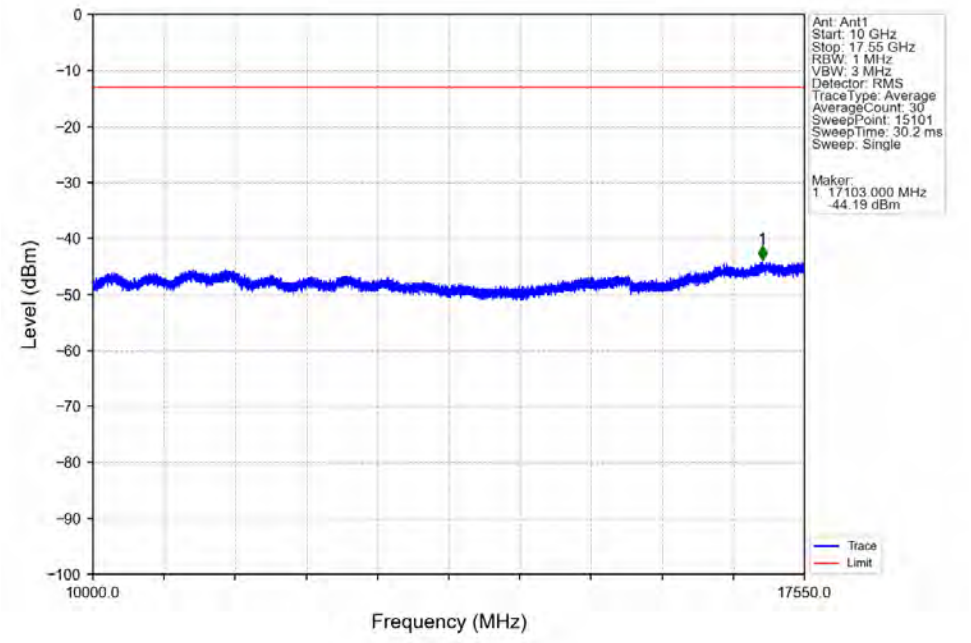
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



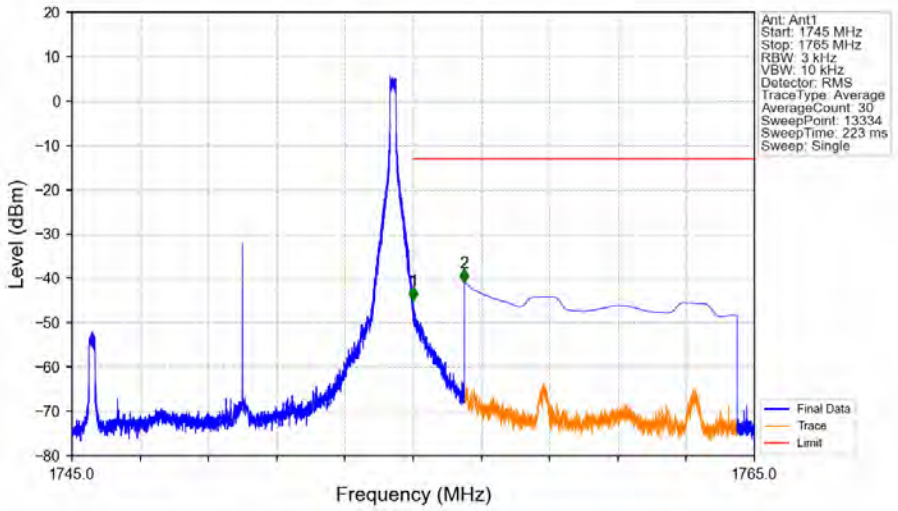
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

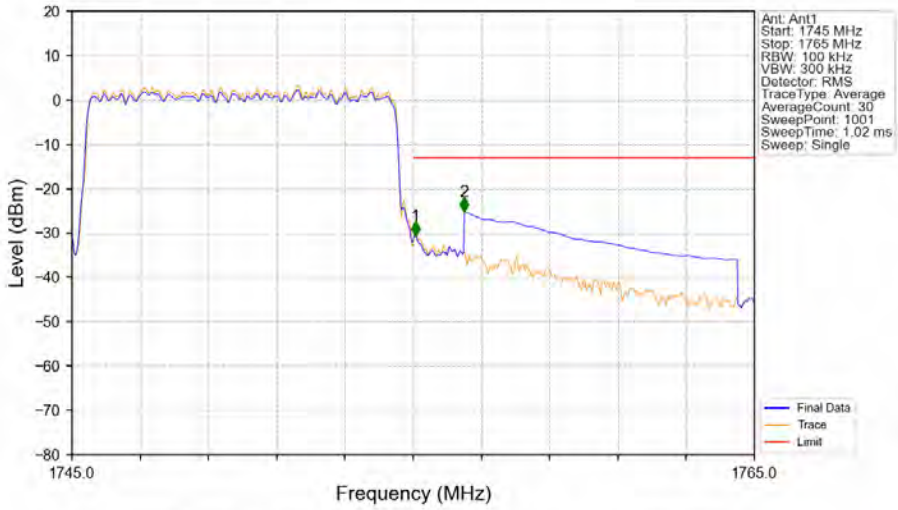


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



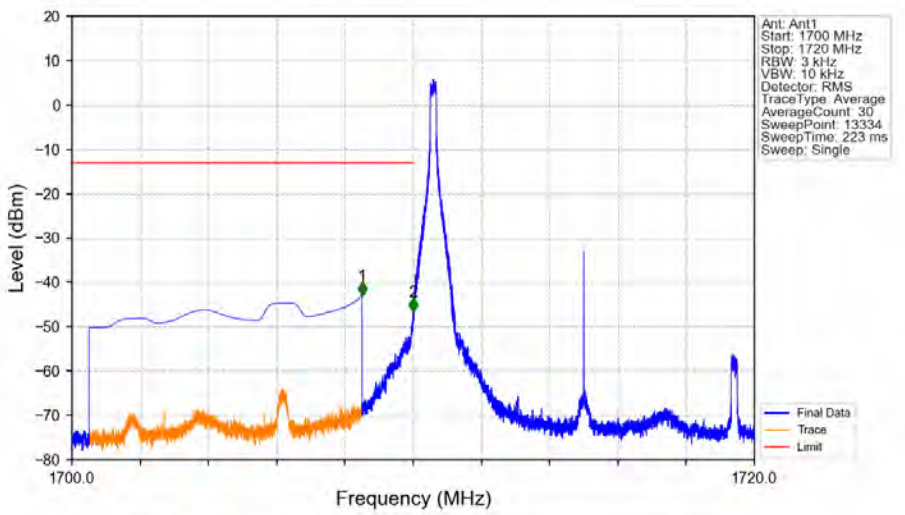
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-44.91	-13	Pass
1756	1765	1	CHP	2	1756.501	-40.89	-13	Pass

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



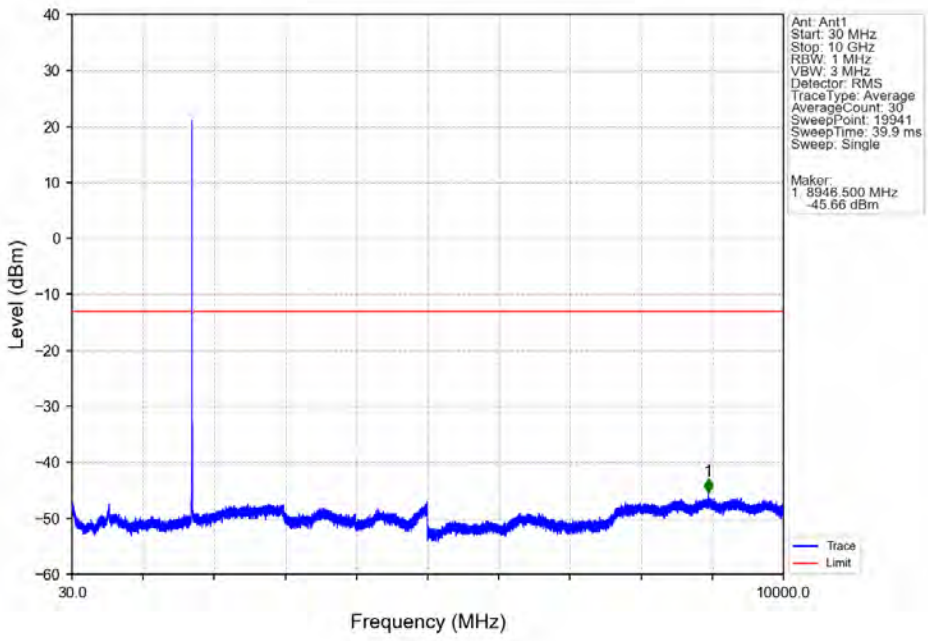
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.060	-30.60	-13	Pass
1756	1765	1	CHP	2	1756.500	-25.18	-13	Pass

Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV

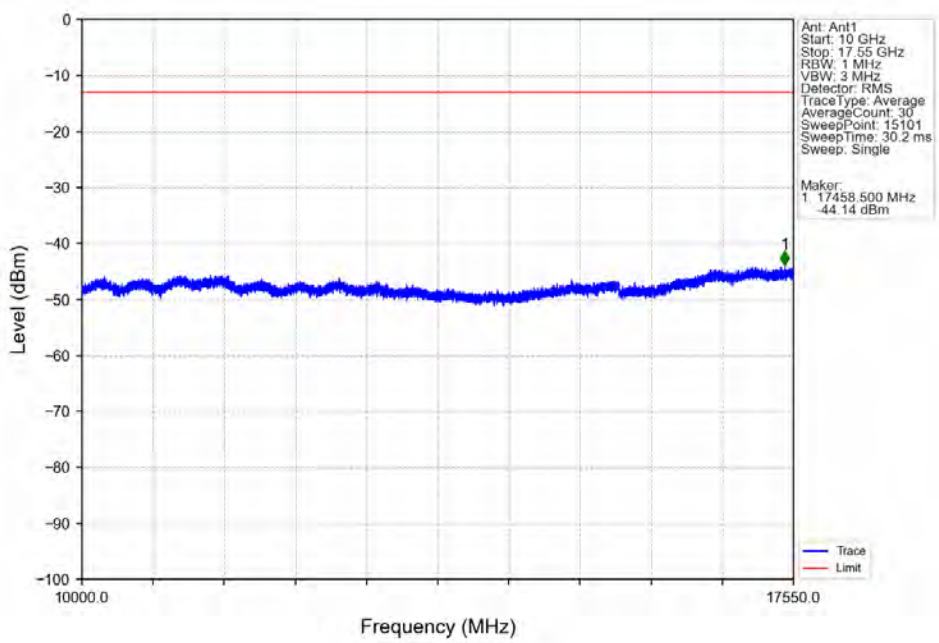


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-42.98	-13	Pass
1709	1710	0.003	/	2	1709.999	-46.62	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

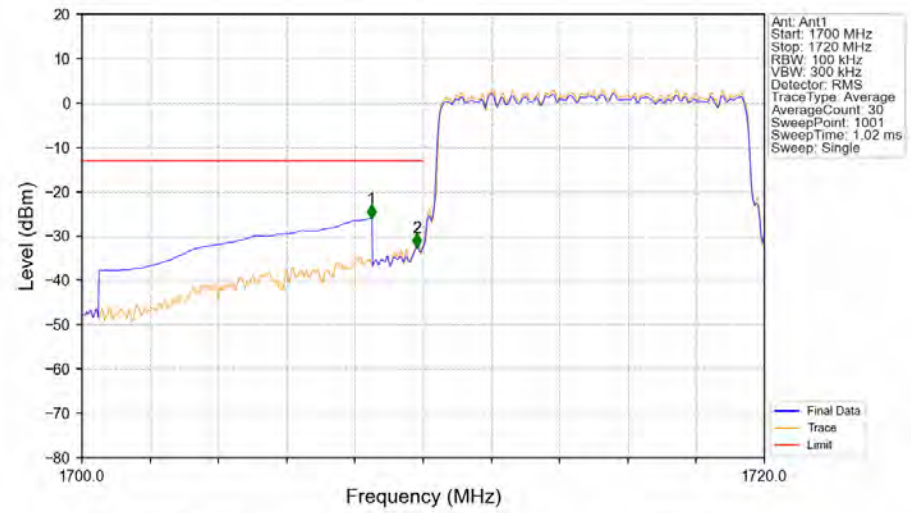
Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



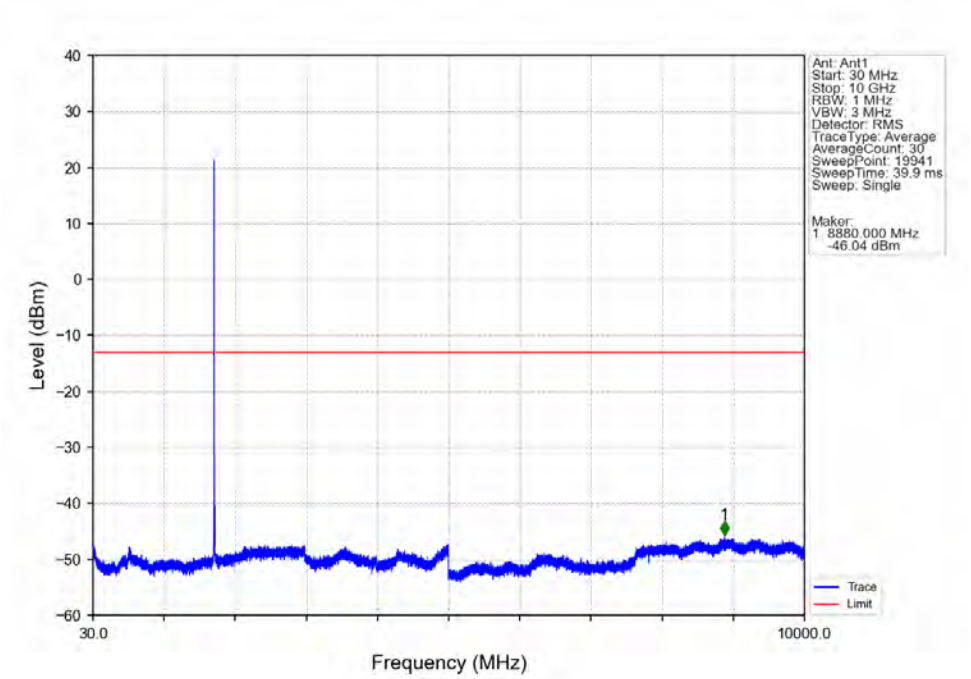
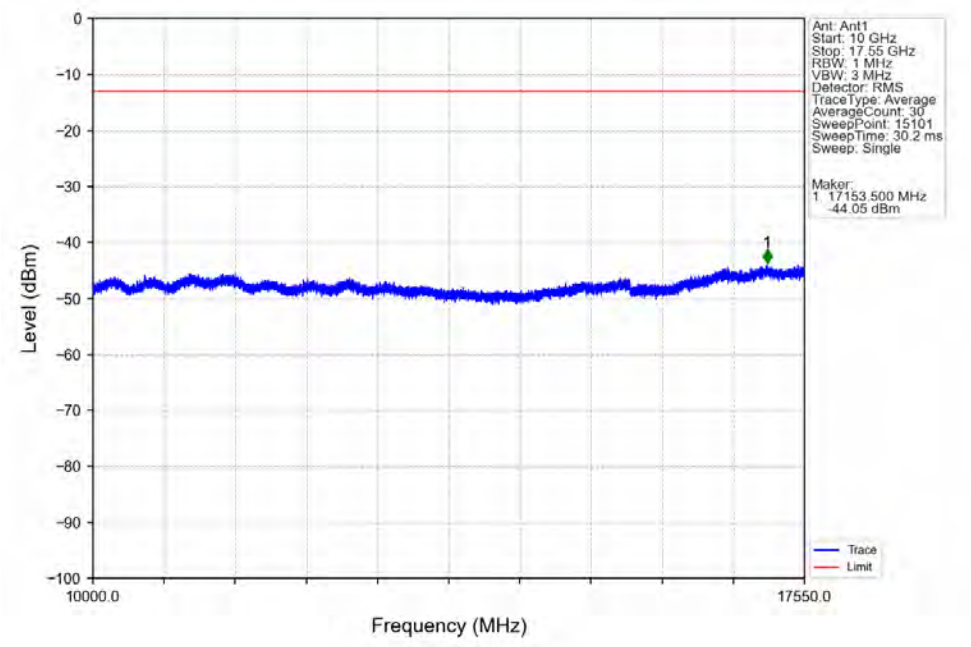
Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



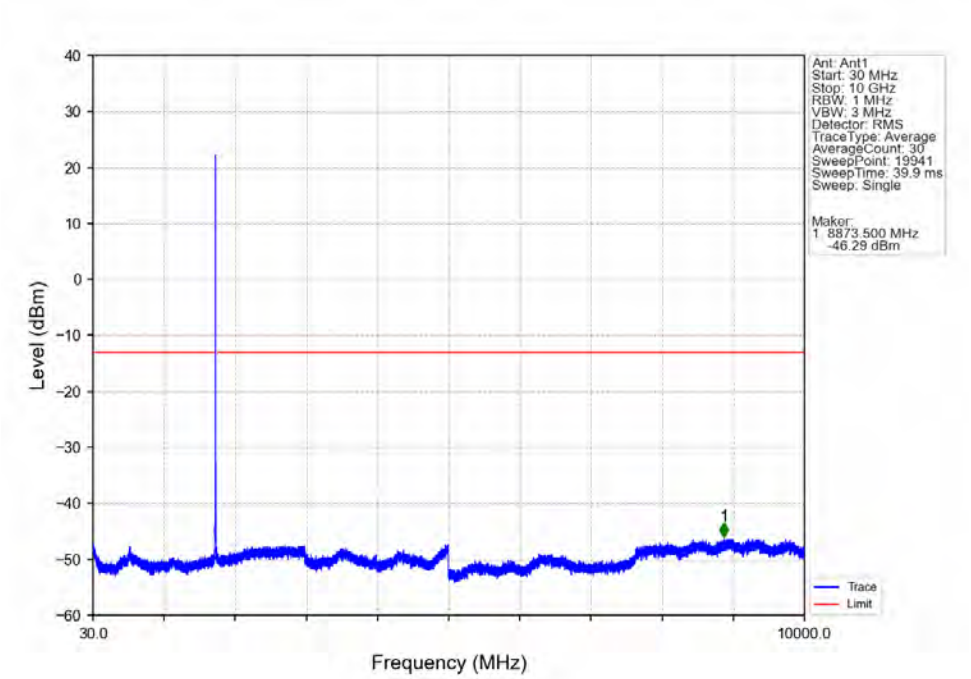
Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



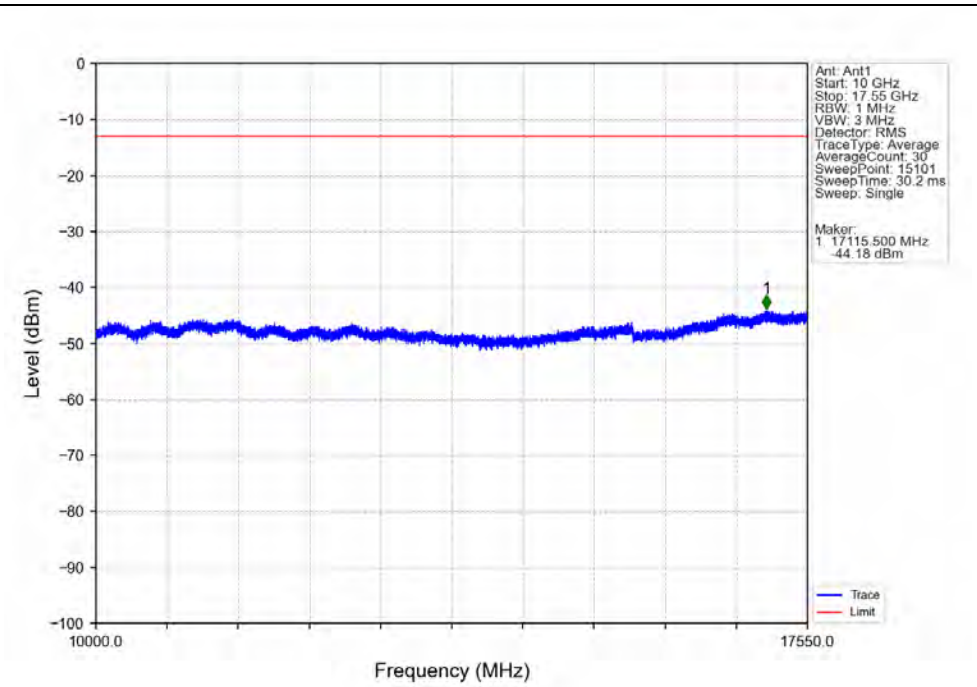
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.00	-13	Pass
1709	1710	0.101	CHP	2	1709.820	-32.52	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV


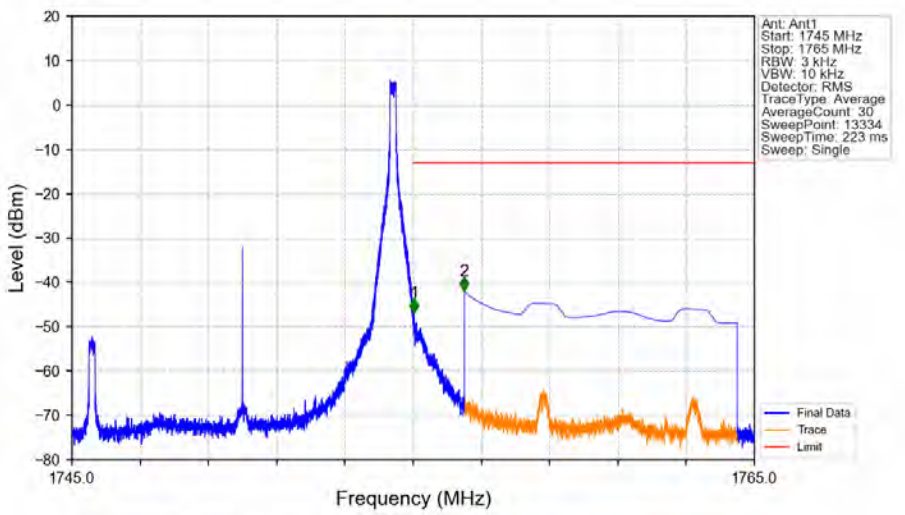
Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV

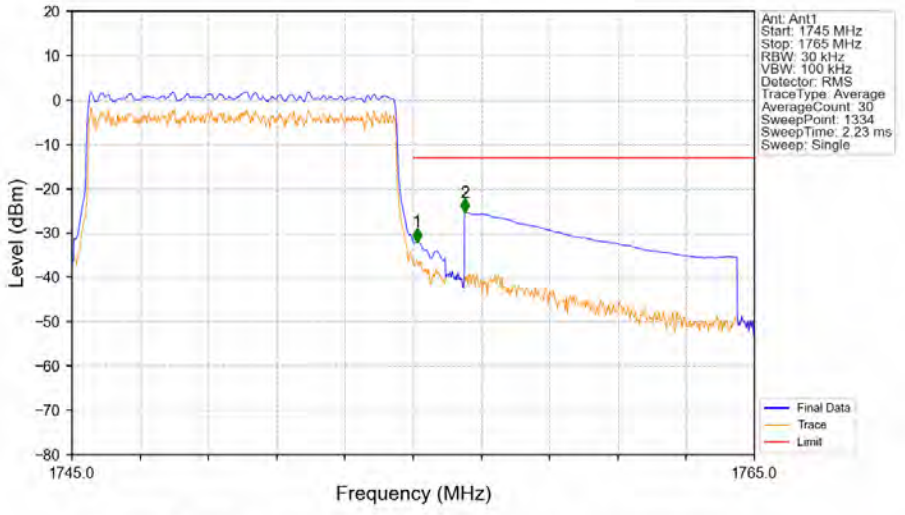


Band4_10MHz_64QAM_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.032	-46.85	-13	Pass
1756	1765	1	CHP	2	1756.501	-41.91	-13	Pass

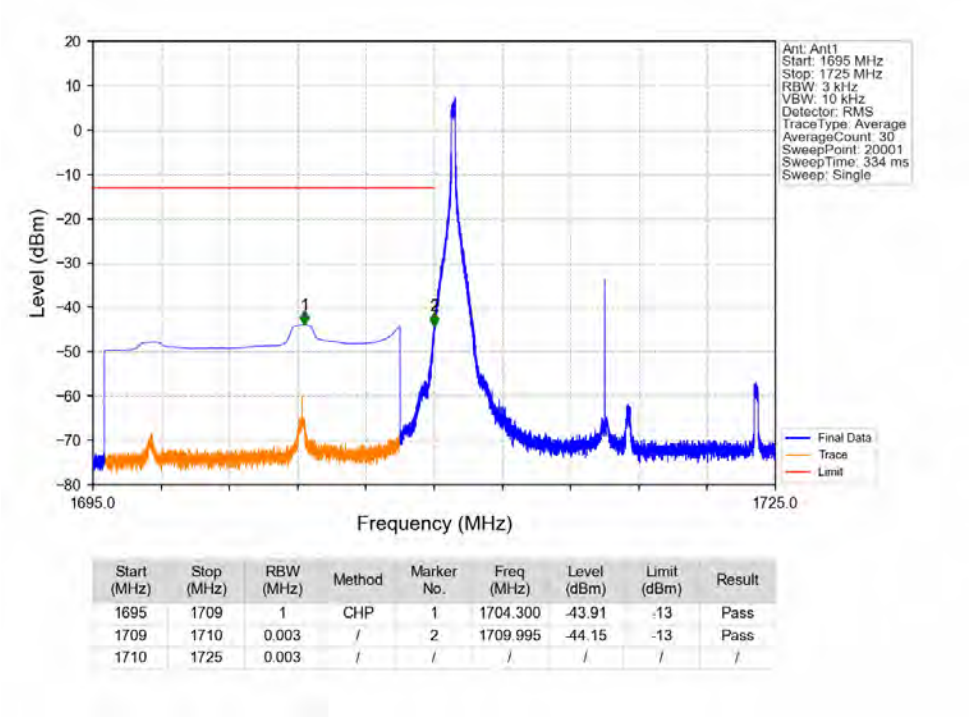
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.113	-31.95	-13	Pass
1756	1765	1	CHP	2	1756.508	-25.30	-13	Pass

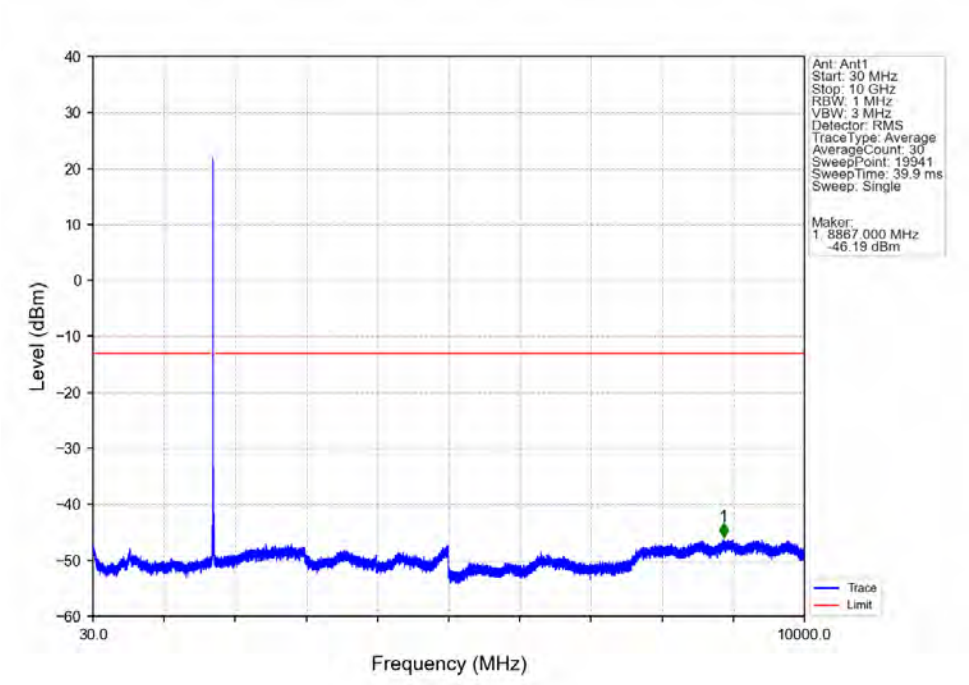
B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

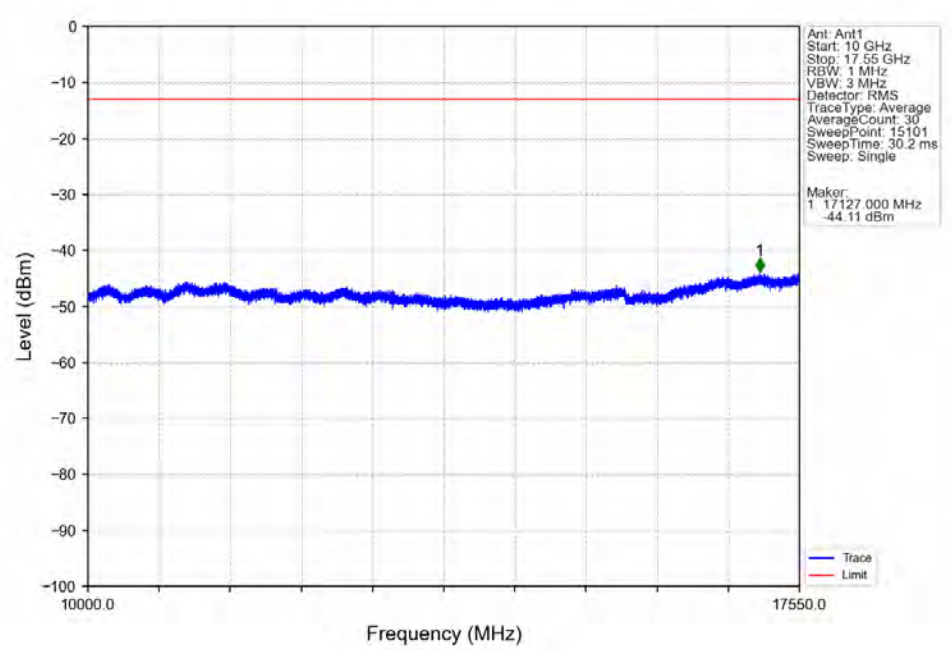


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.300	-43.91	-13	Pass
1709	1710	0.003	/	2	1709.995	-44.15	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

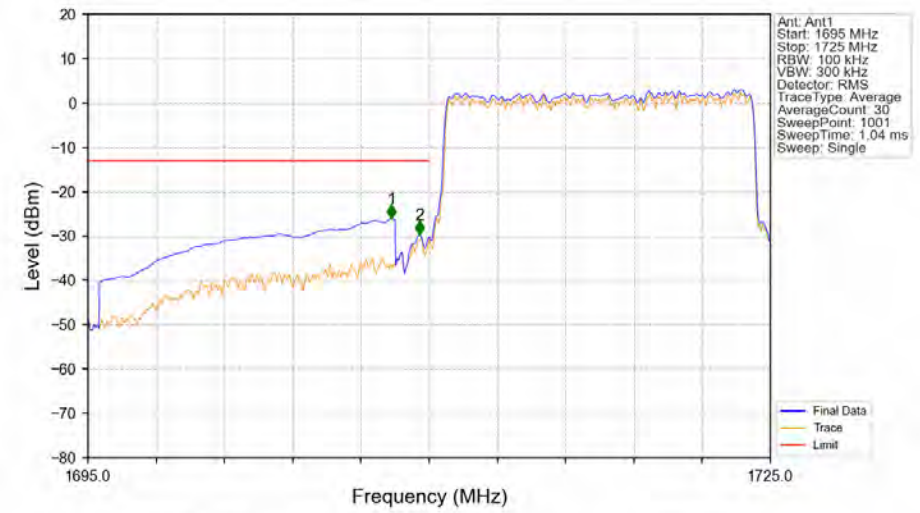
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



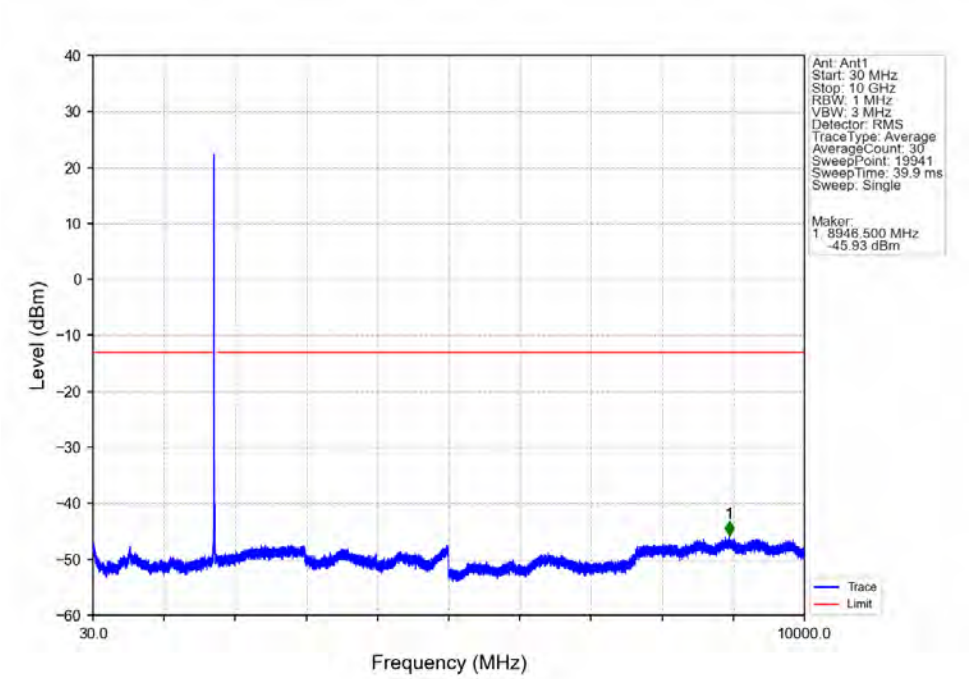
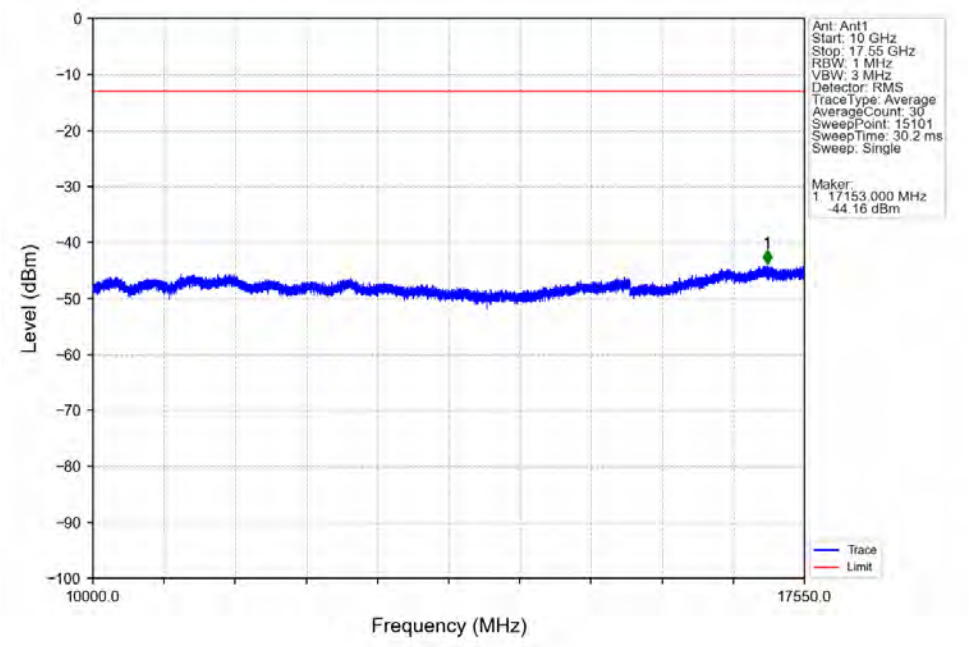
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



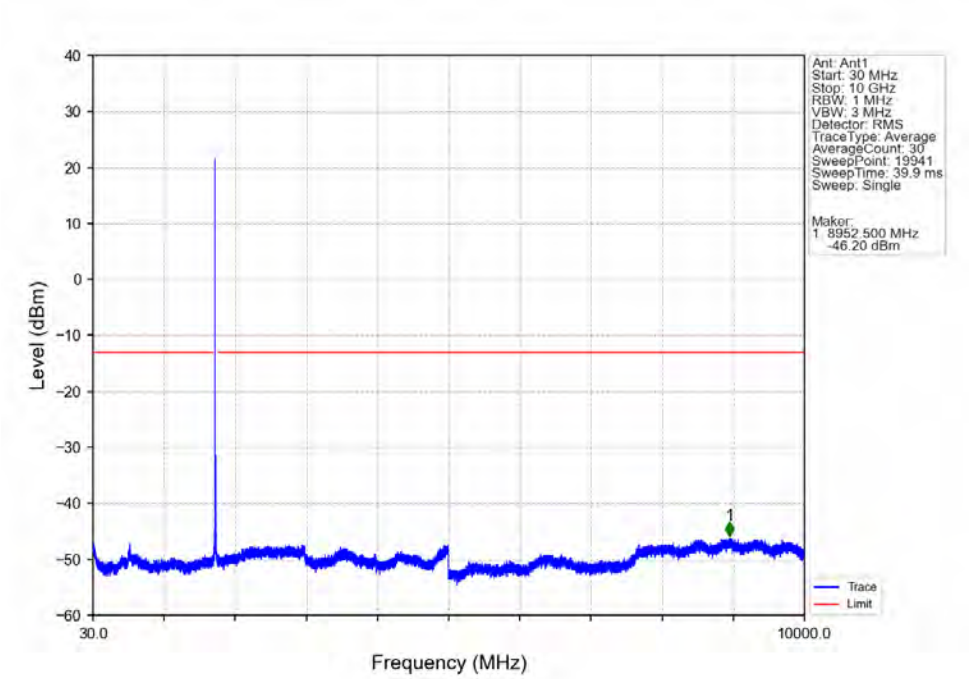
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



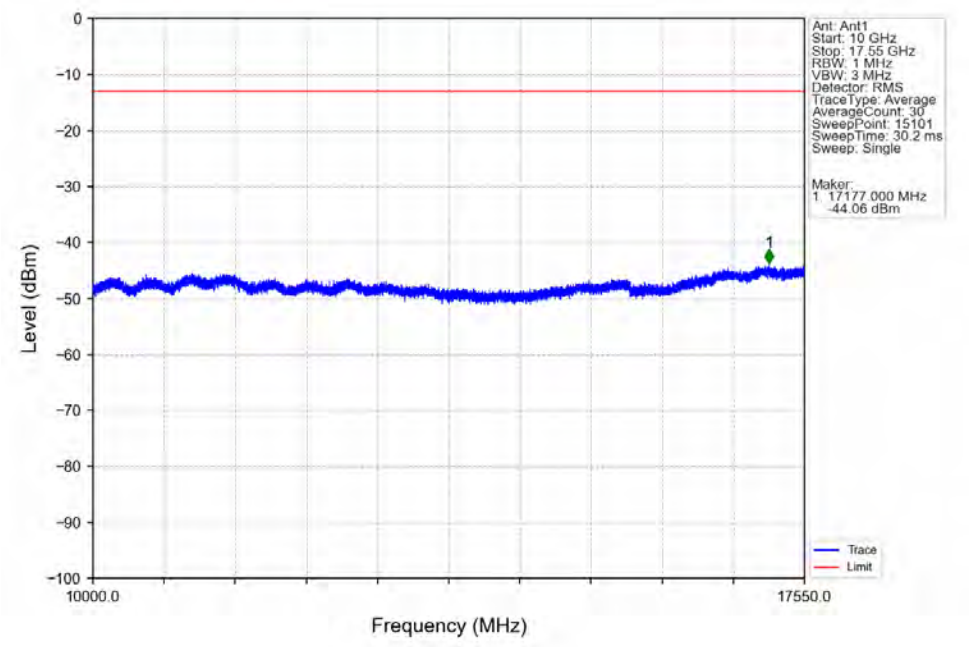
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.350	-26.07	-13	Pass
1709	1710	0.147	CHP	2	1709.580	-29.62	-13	Pass
1710	1725	0.147	CHP	/	/	/	/	/

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


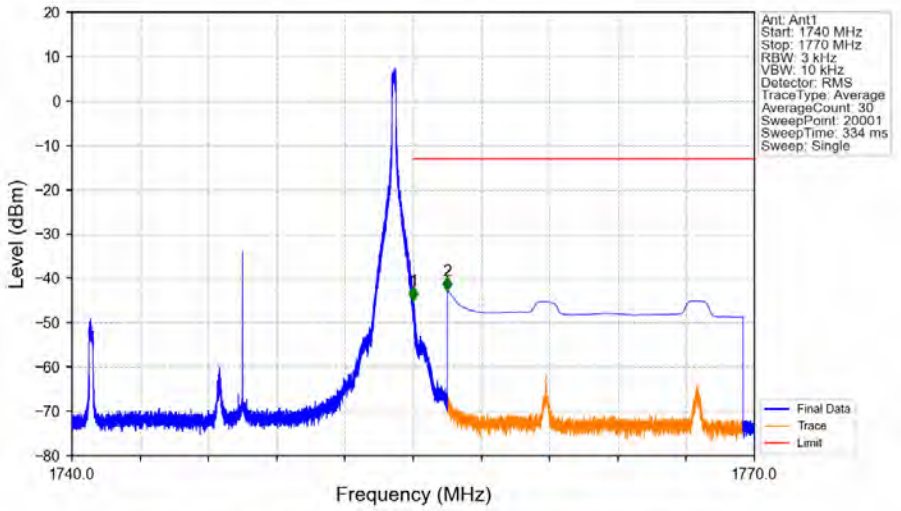
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

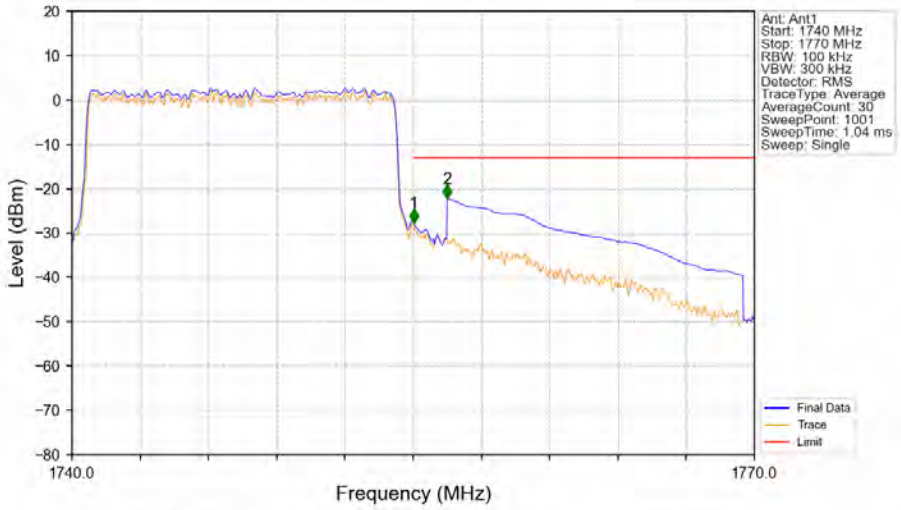


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



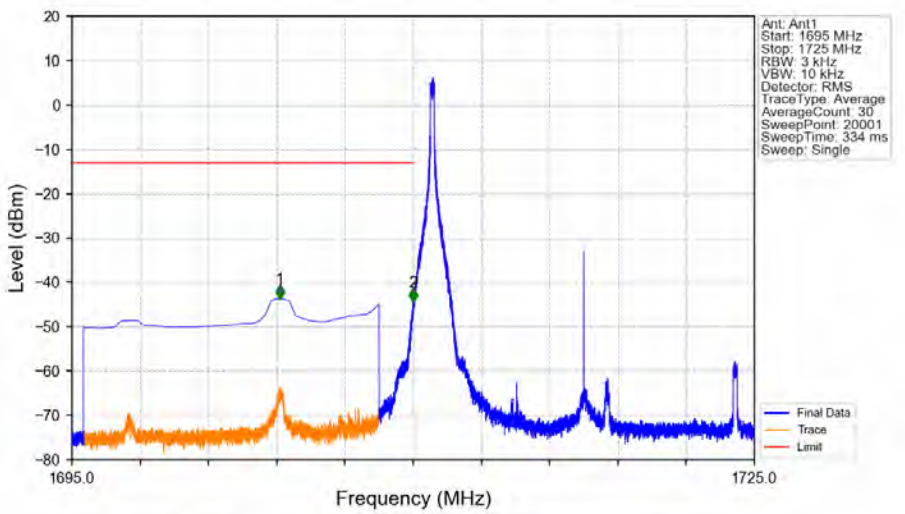
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-45.00	-13	Pass
1756	1770	1	CHP	2	1756.500	-42.84	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



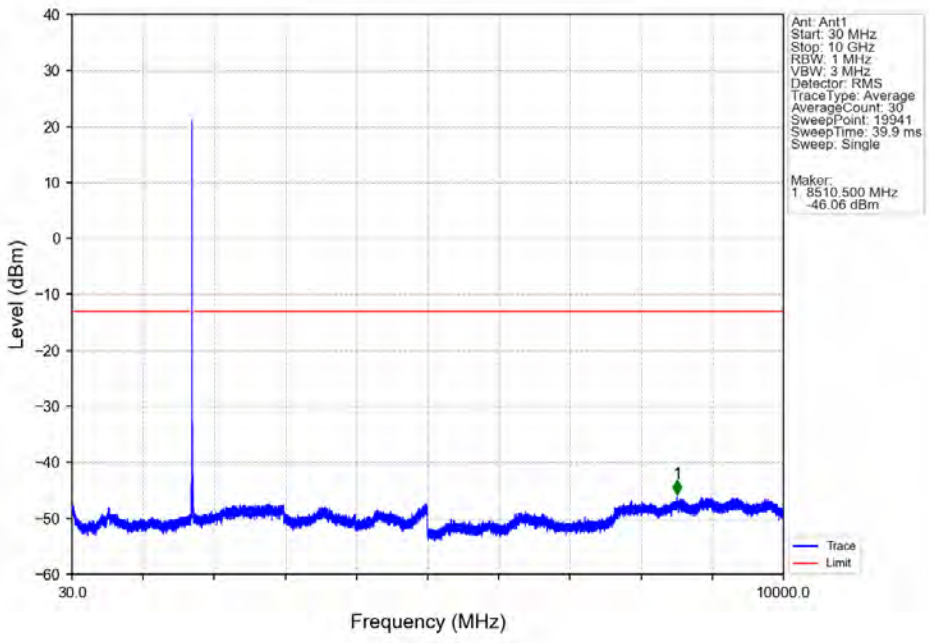
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.148	CHP	/	/	/	/	/
1755	1756	0.148	CHP	1	1755.030	-27.67	-13	Pass
1756	1770	1	CHP	2	1756.500	-22.13	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

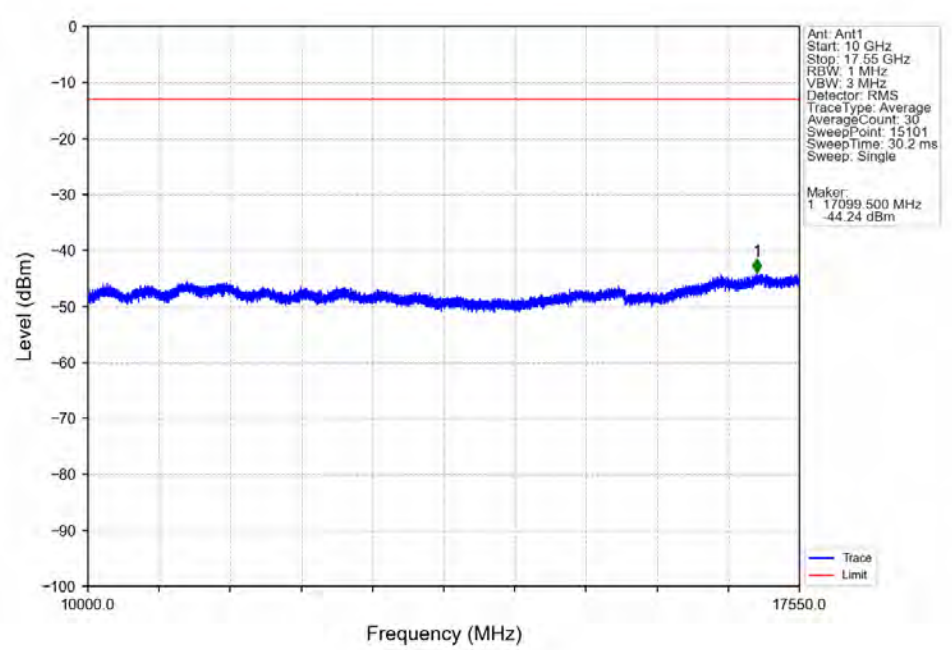


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.137	-43.67	-13	Pass
1709	1710	0.003	/	2	1709.997	-44.40	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

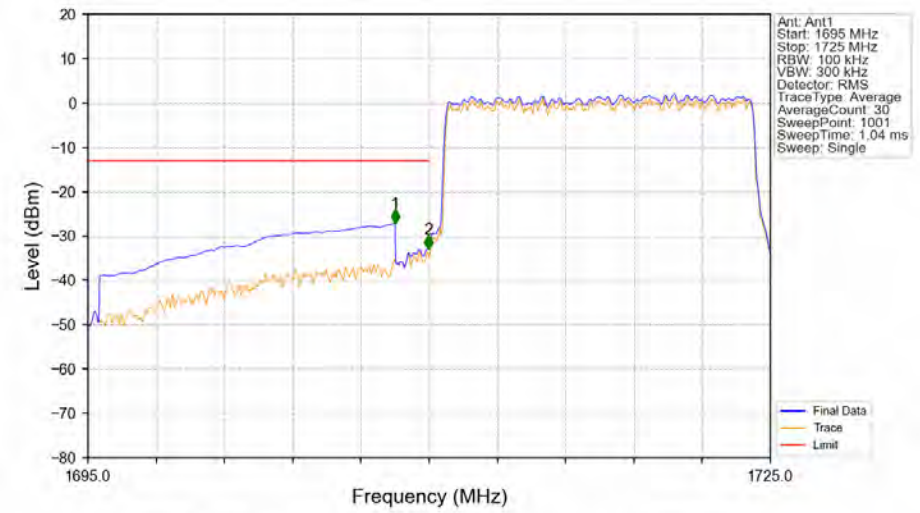
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



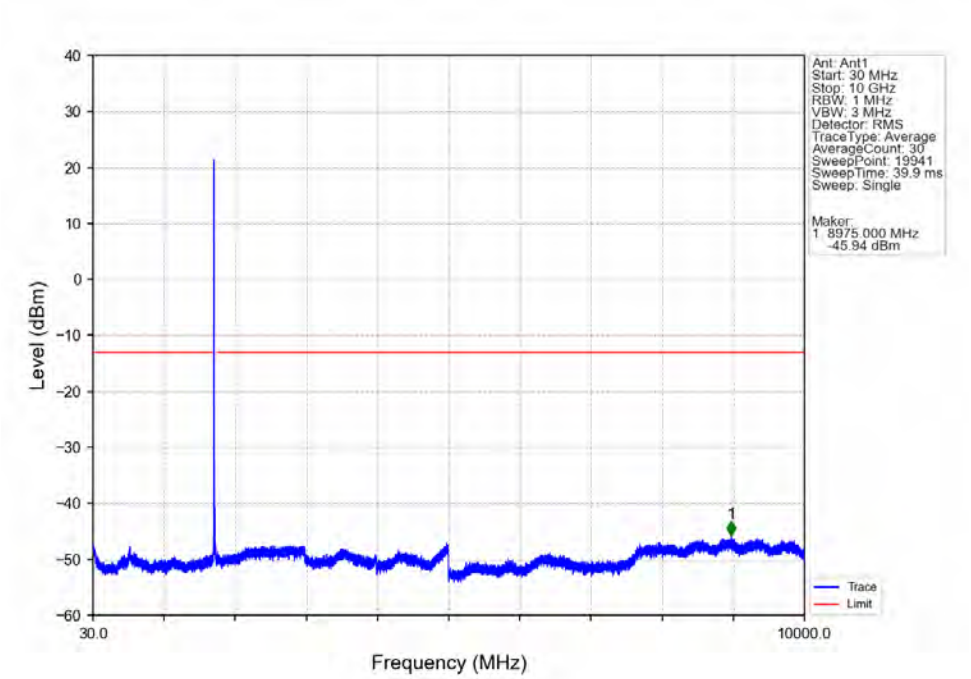
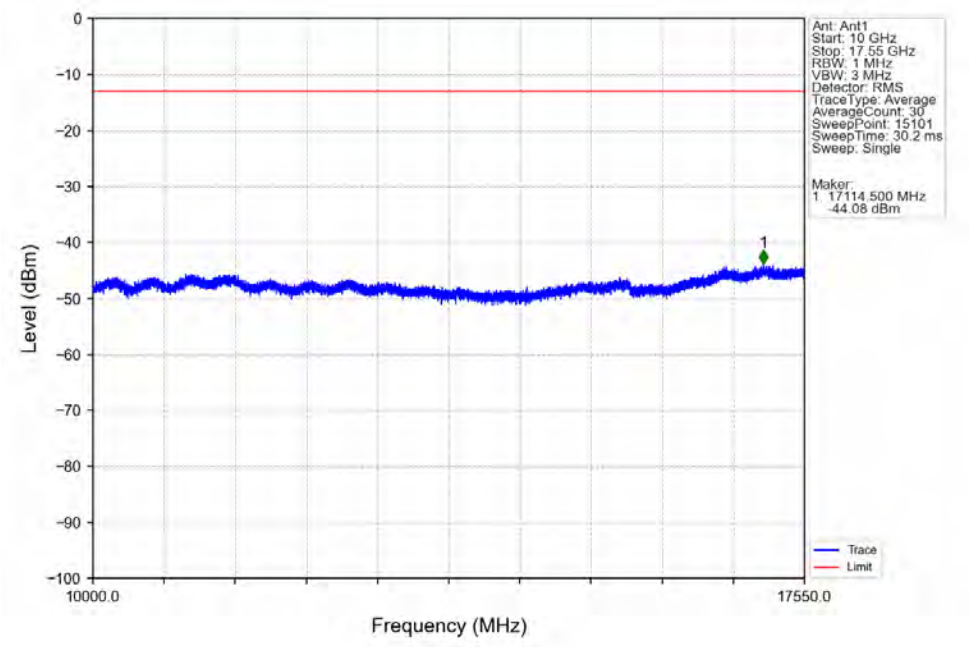
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

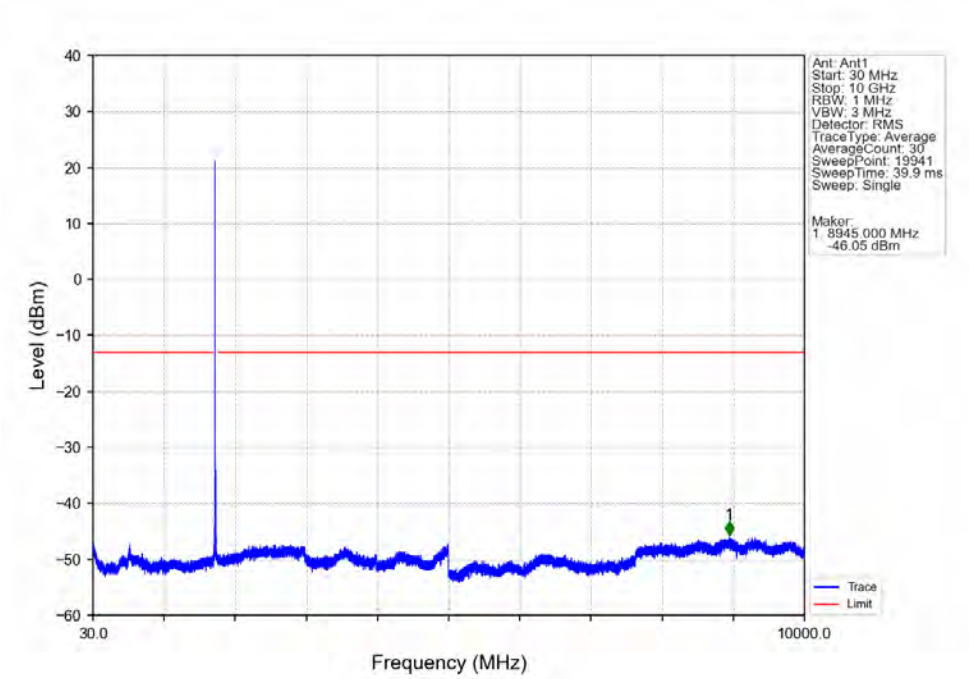
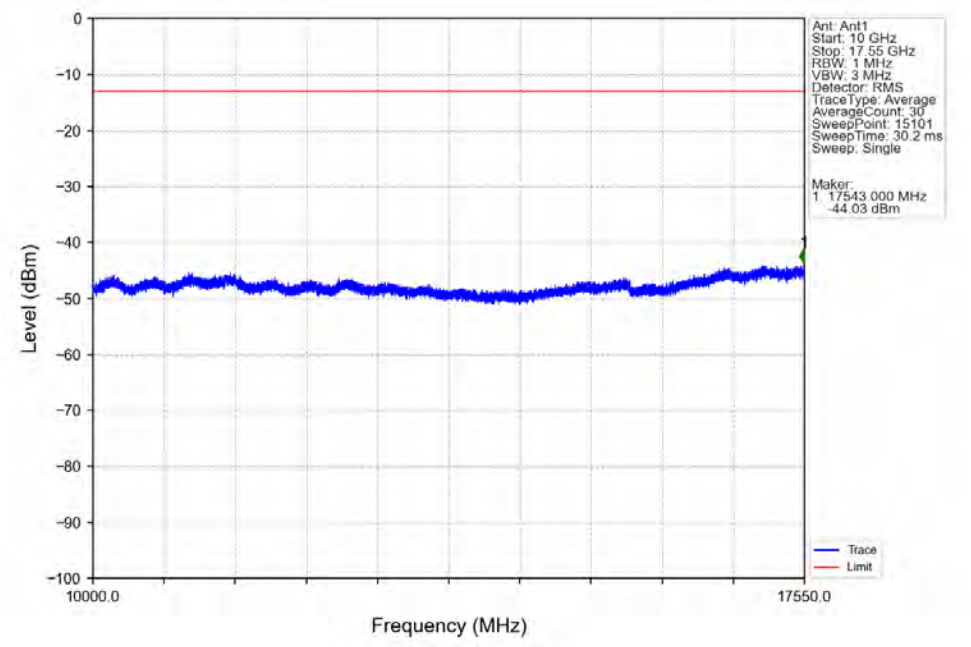


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

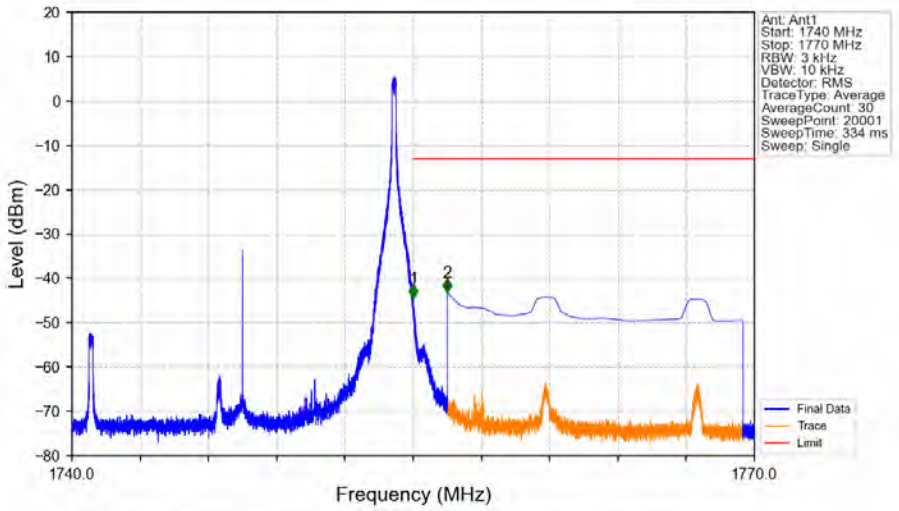


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-27.06	-13	Pass
1709	1710	0.147	CHP	2	1709.970	-32.90	-13	Pass
1710	1725	0.147	CHP	/	/	/	/	/

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV


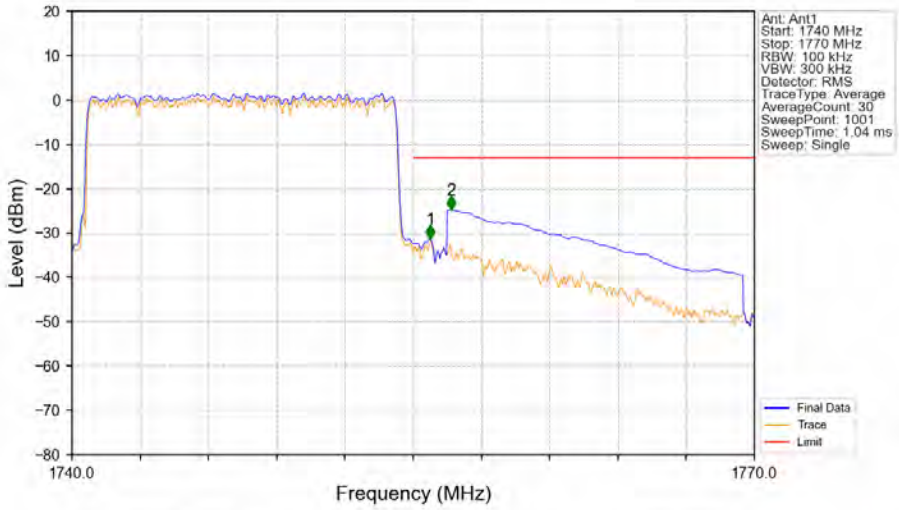
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



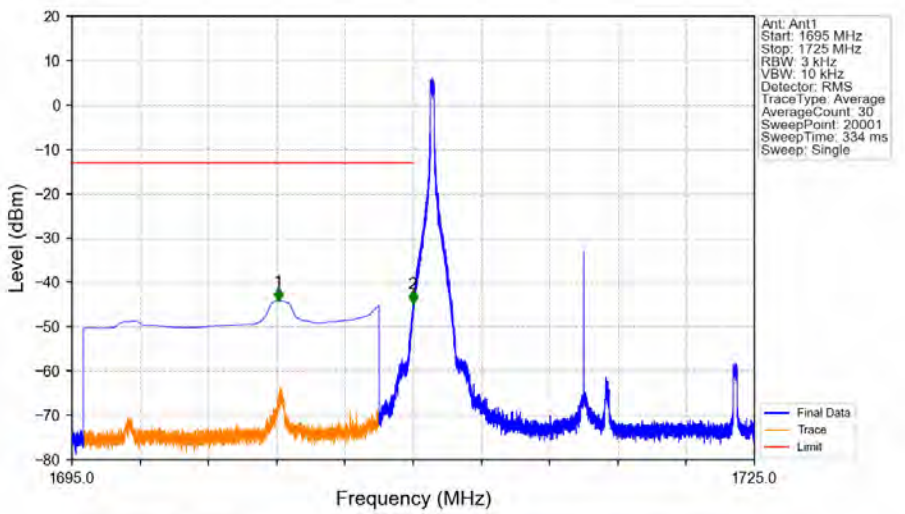
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-44.41	-13	Pass
1756	1770	1	CHP	2	1756.500	-43.23	-13	Pass

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



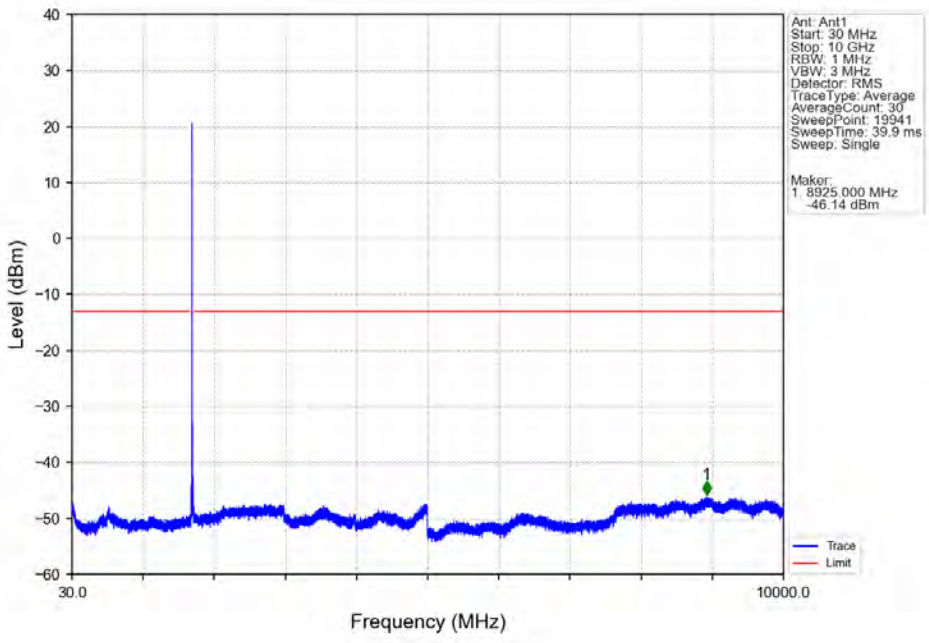
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.750	-31.24	-13	Pass
1756	1770	1	CHP	2	1756.680	-24.74	-13	Pass

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

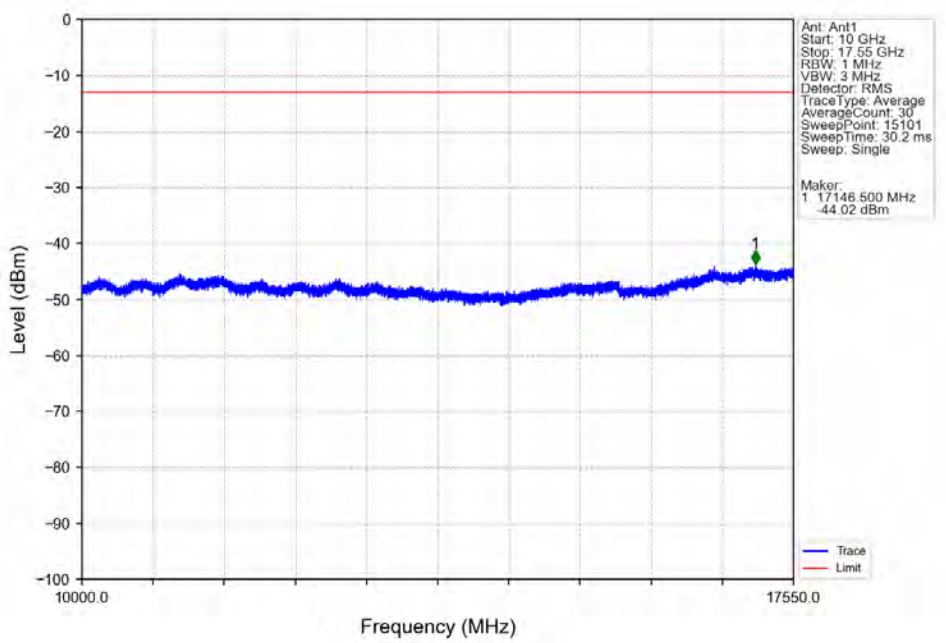


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.071	-44.23	-13	Pass
1709	1710	0.003	/	2	1709.985	-44.82	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

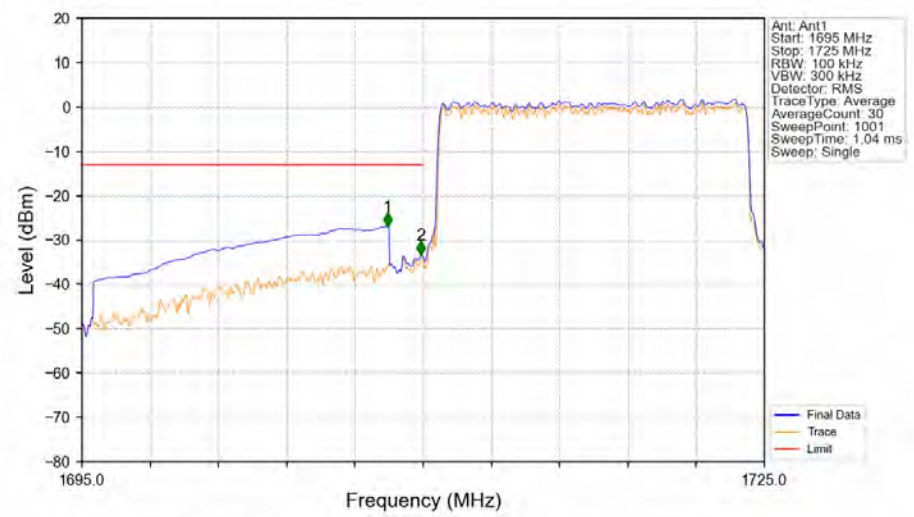
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

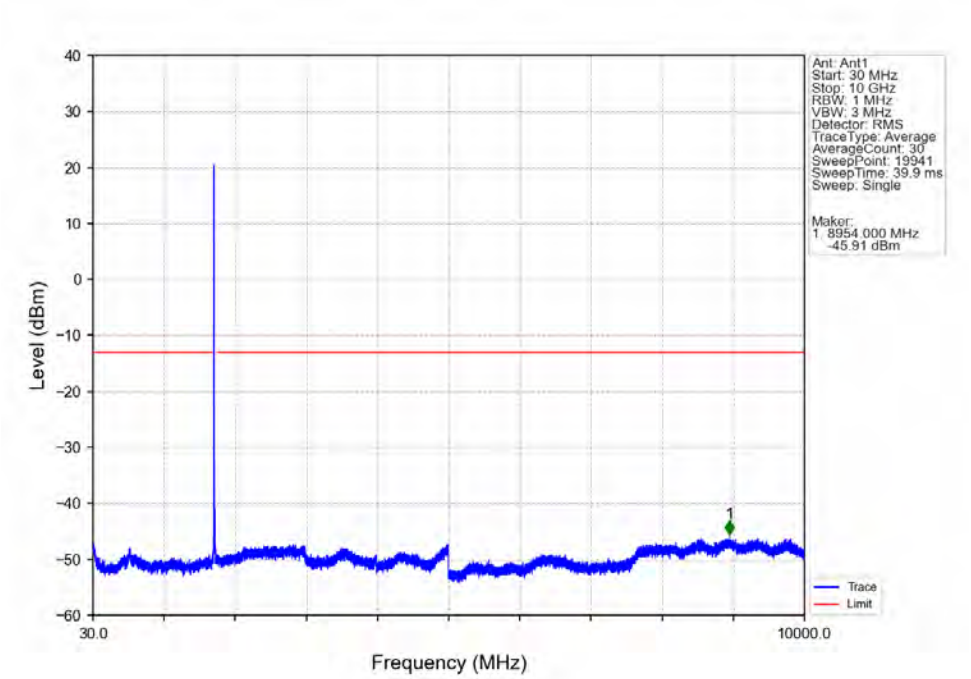


Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV

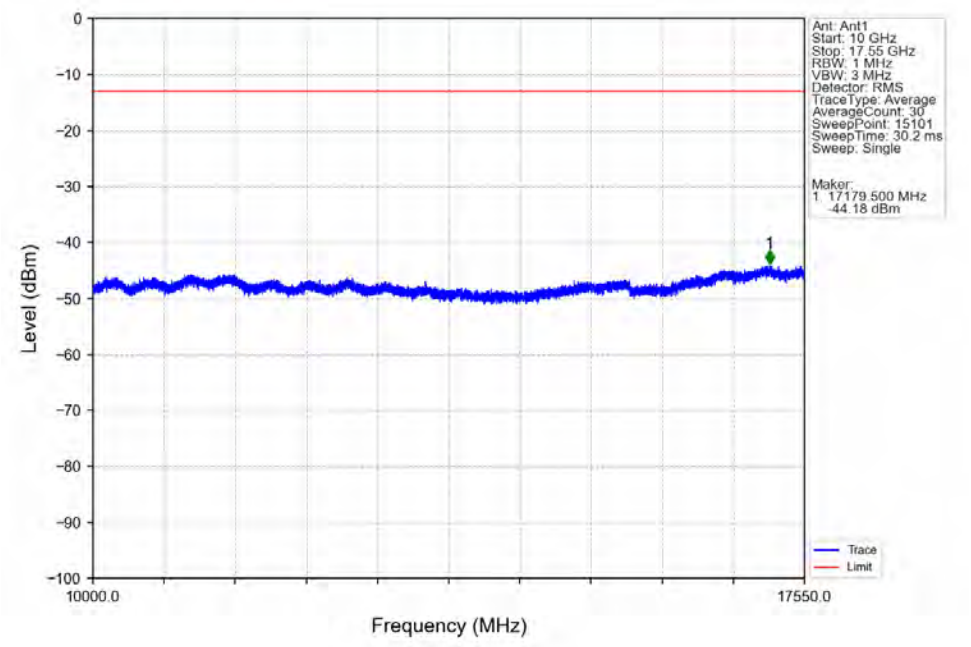


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.440	-26.90	-13	Pass
1709	1710	0.148	CHP	2	1709.910	-33.32	-13	Pass
1710	1725	0.148	CHP	/	/	/	/	/

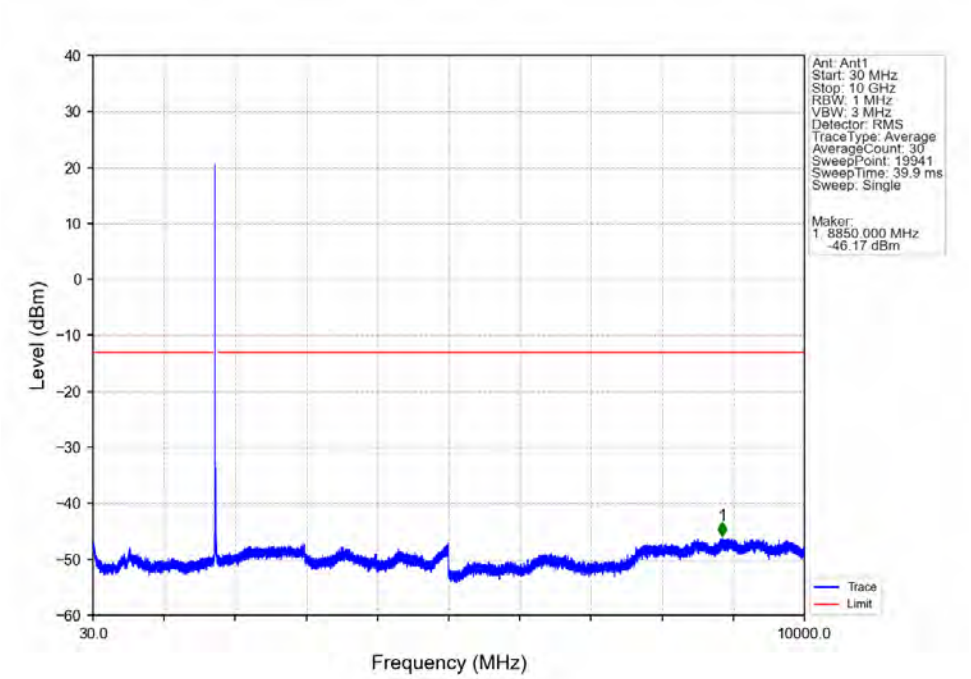
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



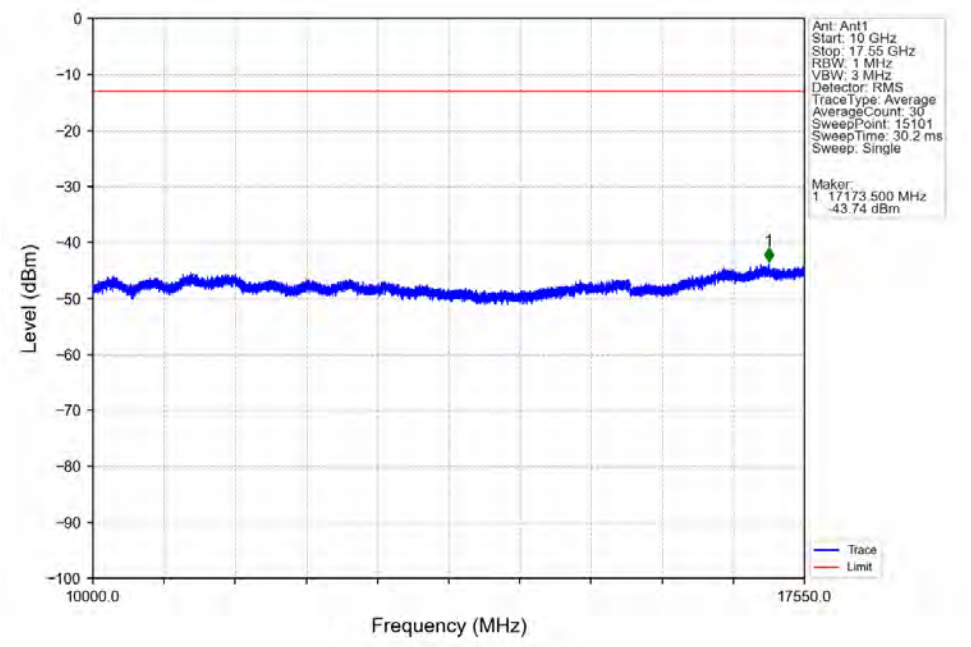
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



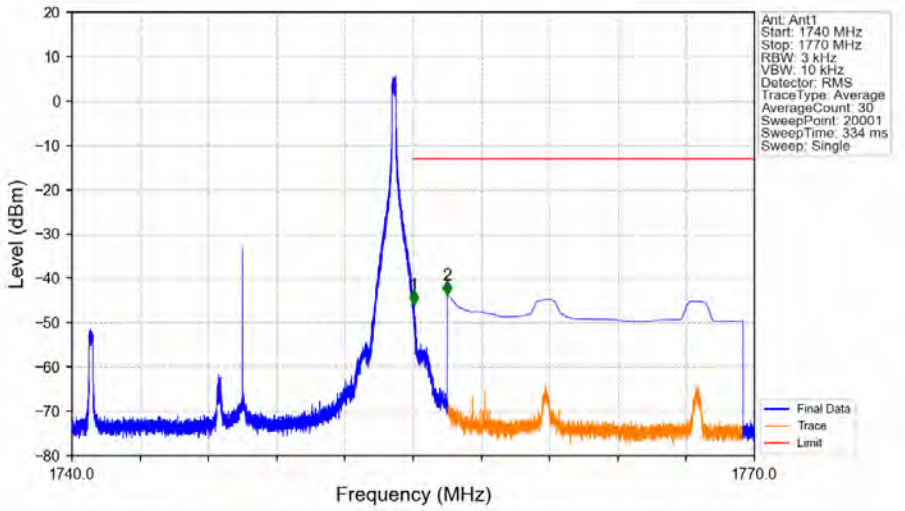
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV

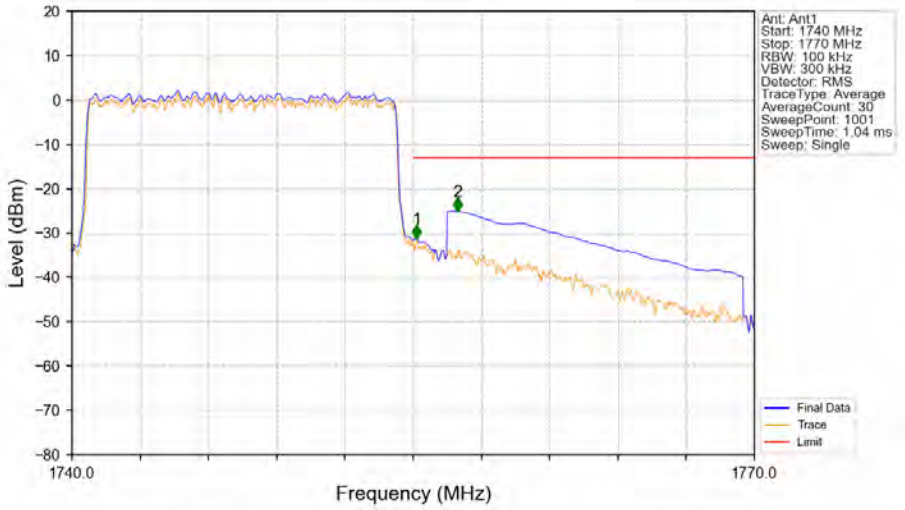


Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.018	-45.92	-13	Pass
1756	1770	1	CHP	2	1756.500	-43.73	-13	Pass

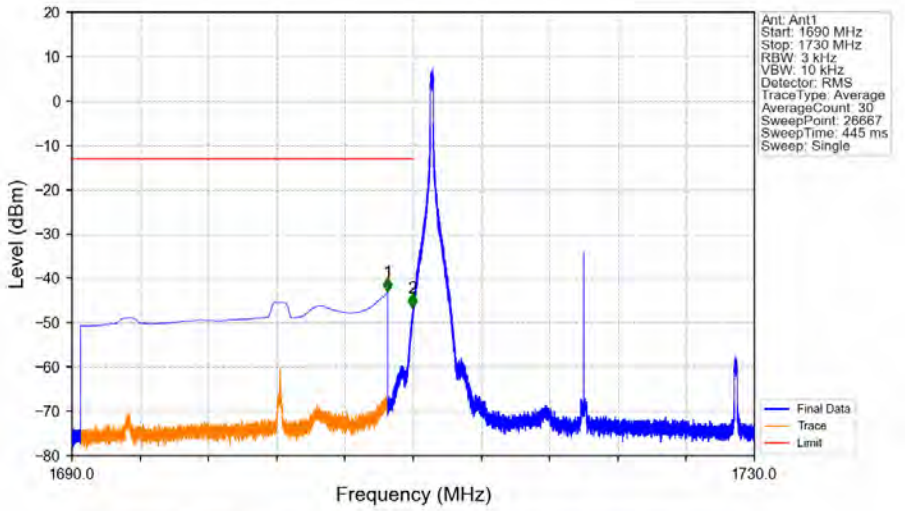
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.150	-31.25	-13	Pass
1756	1770	1	CHP	2	1756.950	-25.10	-13	Pass

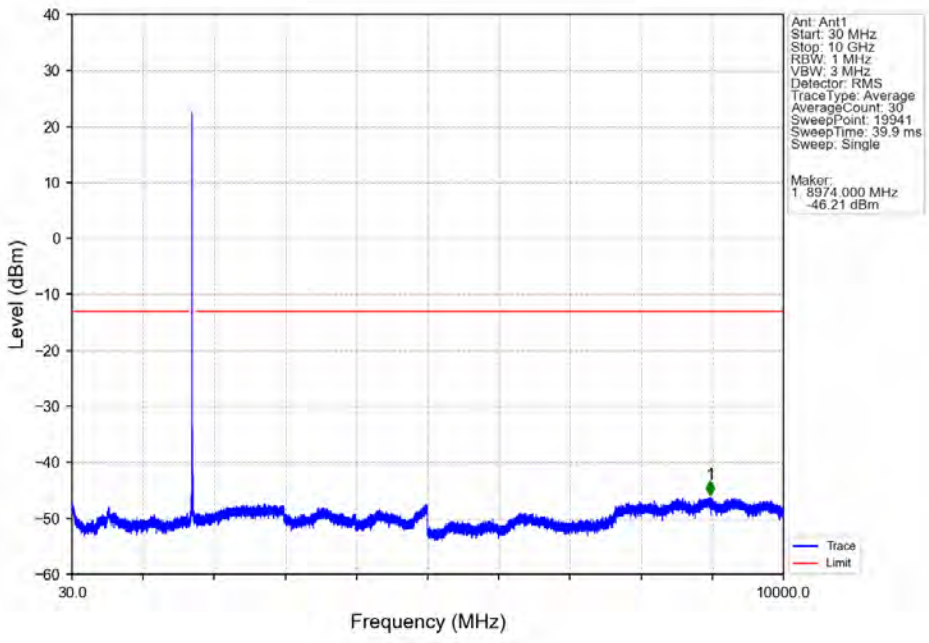
B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

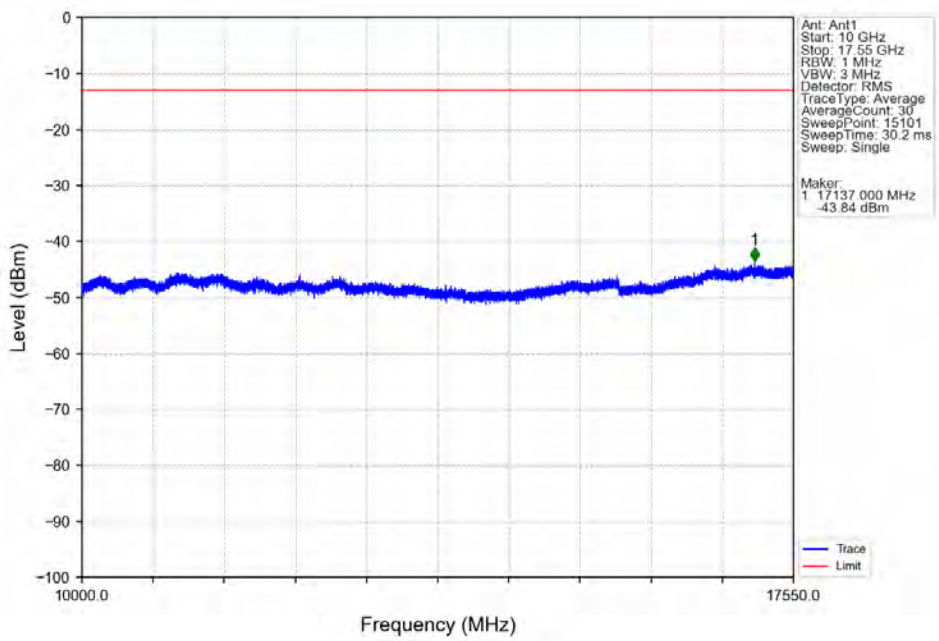


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.01	-13	Pass
1709	1710	0.003	/	2	1709.974	-46.53	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

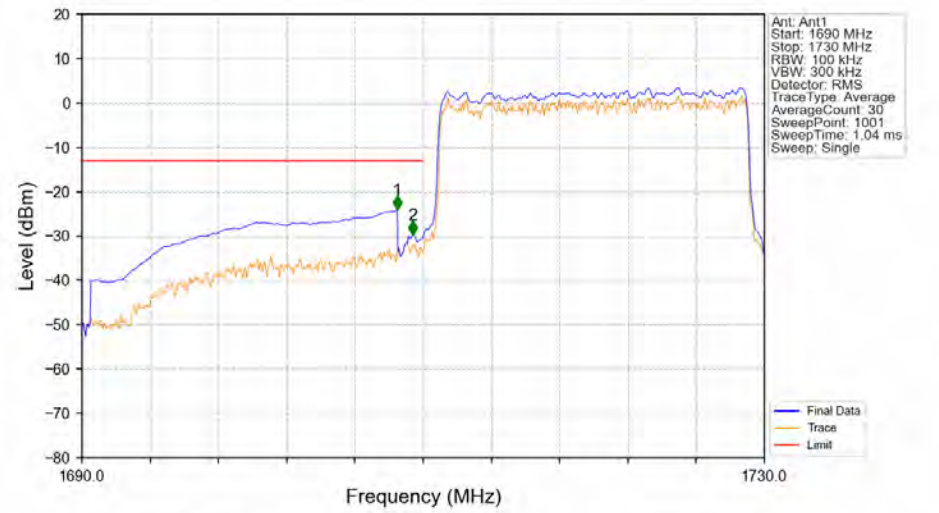
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



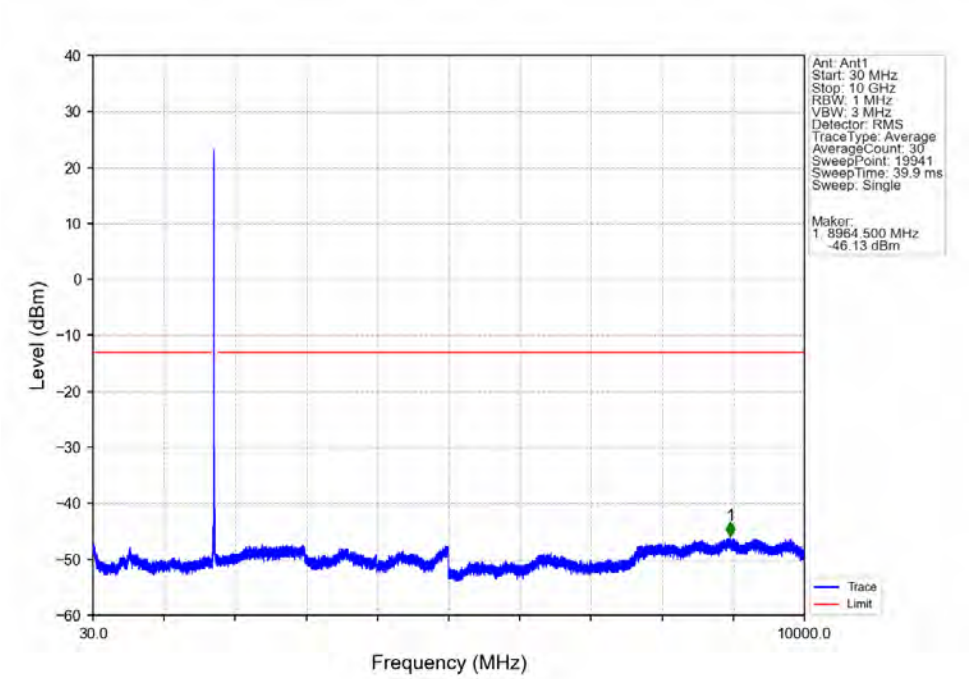
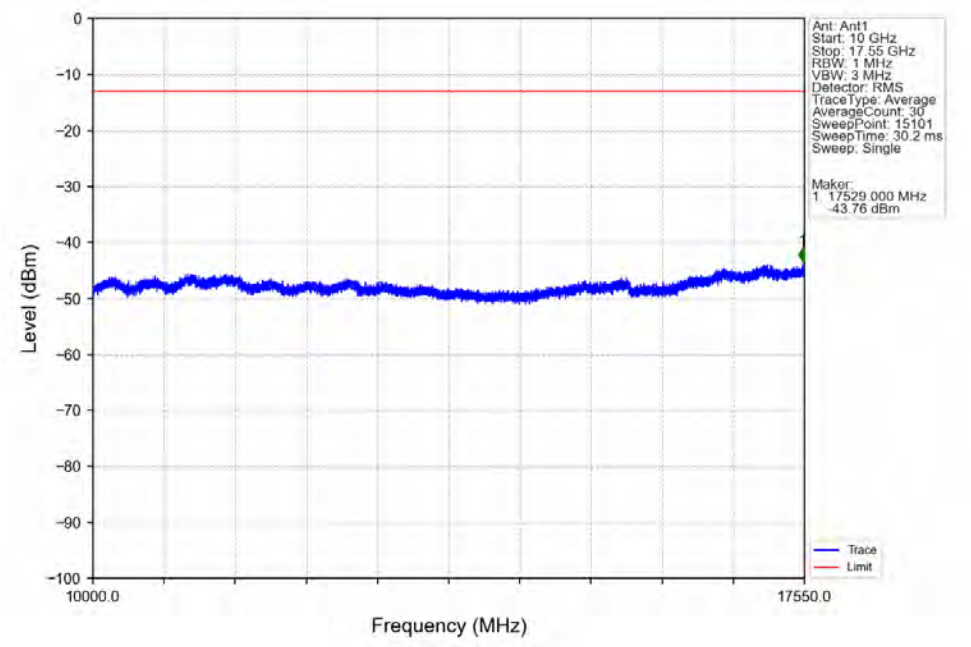
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



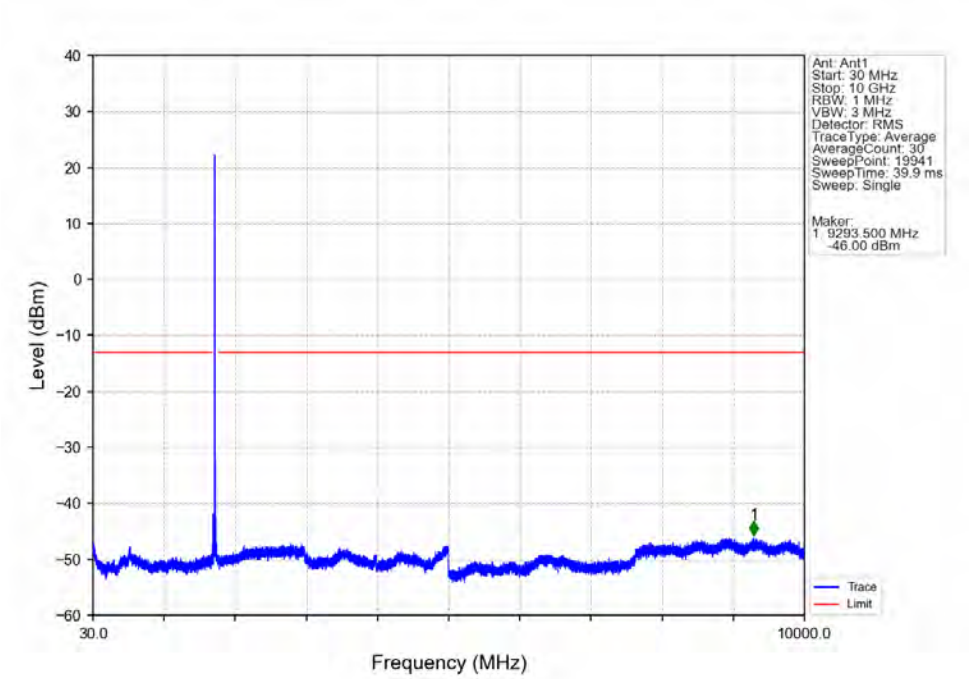
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



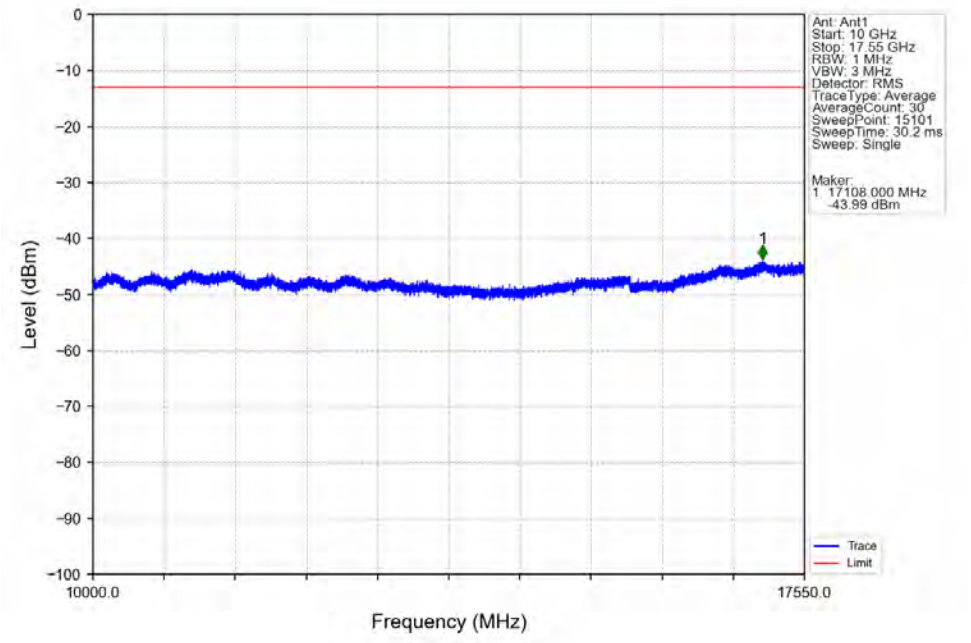
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-24.10	-13	Pass
1709	1710	0.197	CHP	2	1709.400	-29.71	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


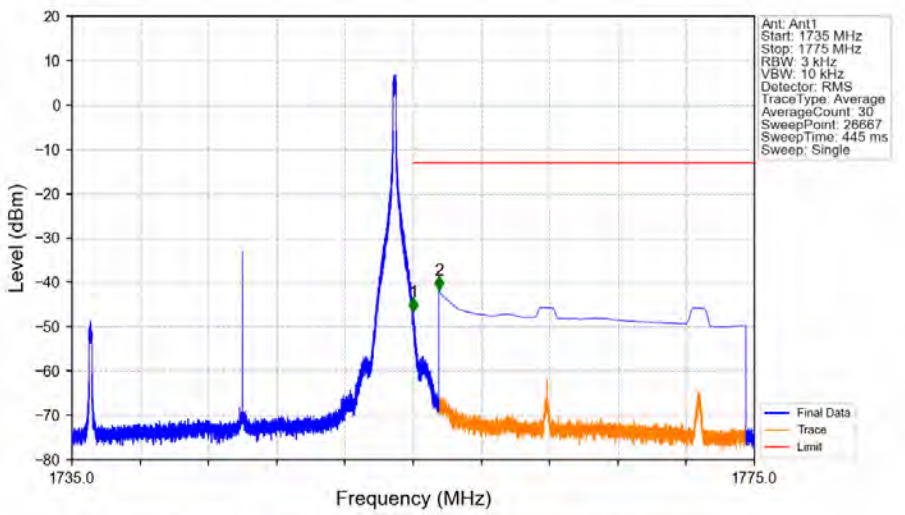
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

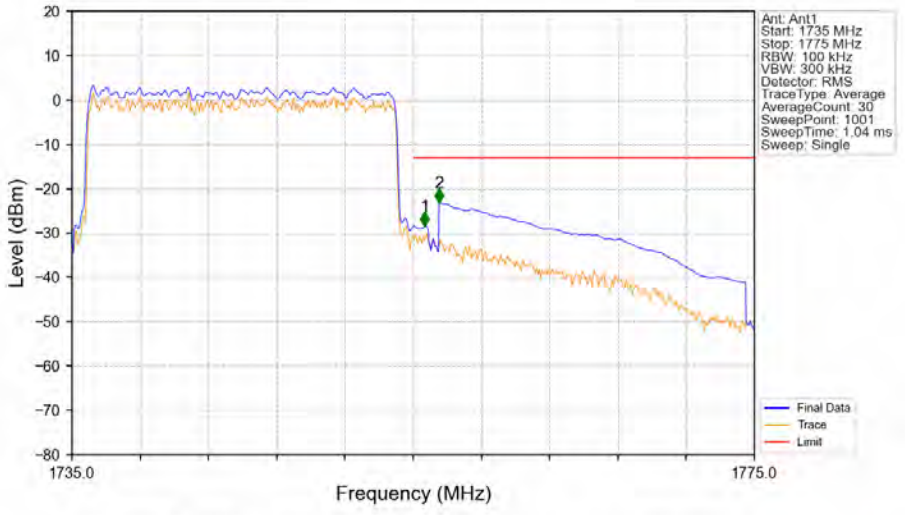


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



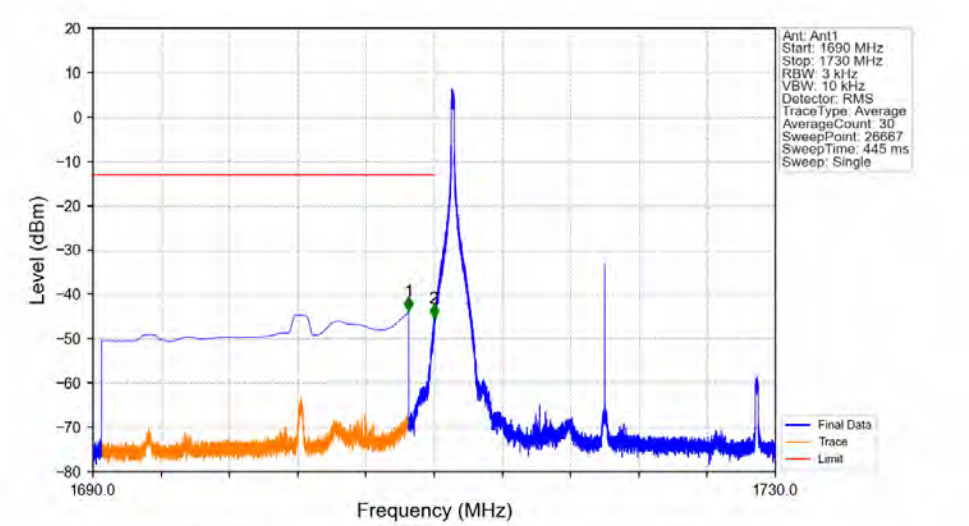
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-46.63	-13	Pass
1756	1775	1	CHP	2	1756.500	-41.63	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



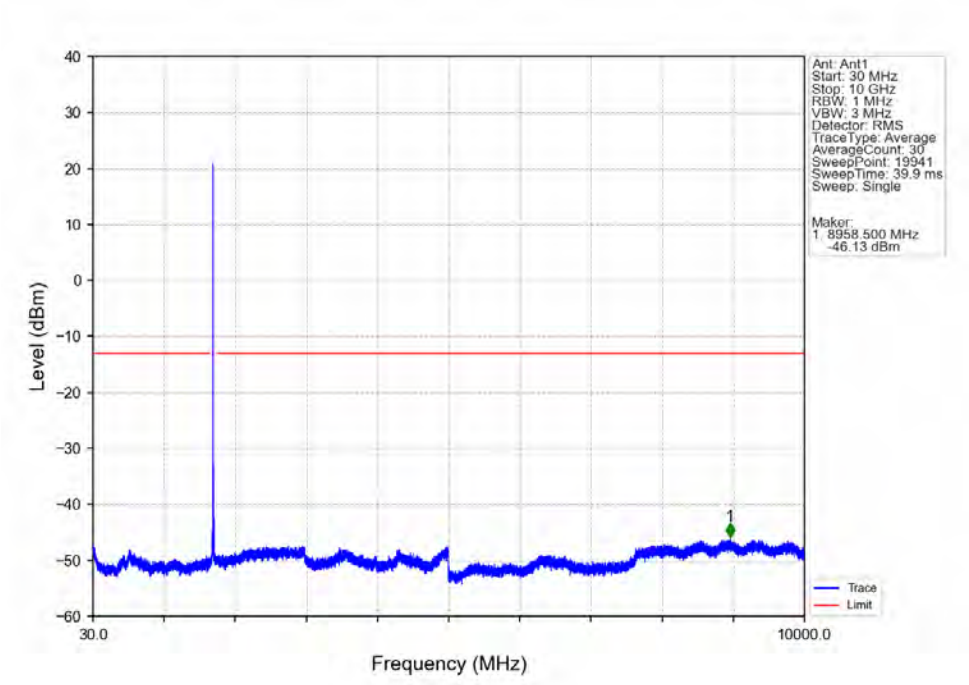
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.199	CHP	/	/	/	/	/
1755	1756	0.199	CHP	1	1755.680	-28.40	-13	Pass
1756	1775	1	CHP	2	1756.520	-23.18	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

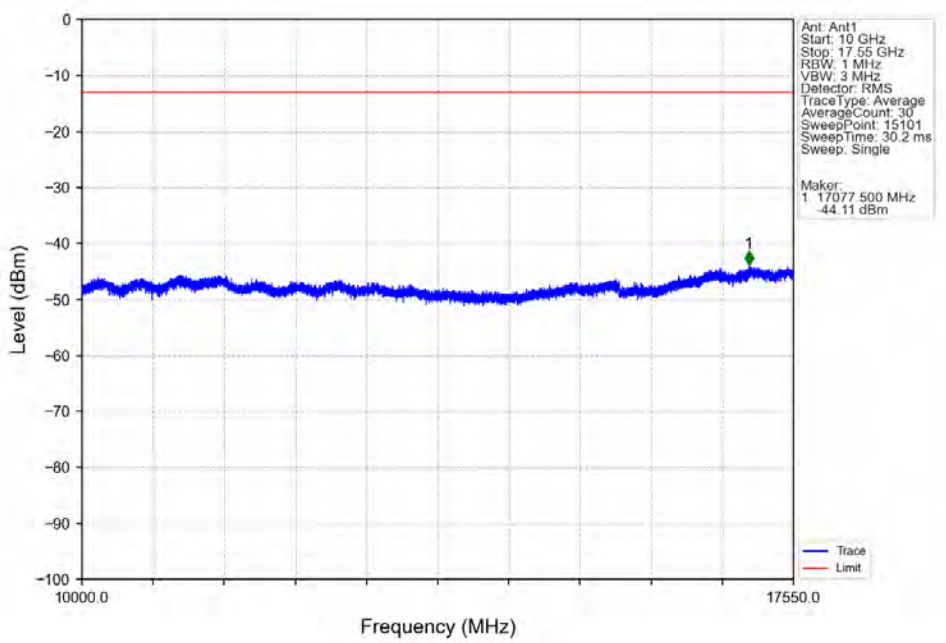


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.76	-13	Pass
1709	1710	0.003	/	2	1709.979	-45.33	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

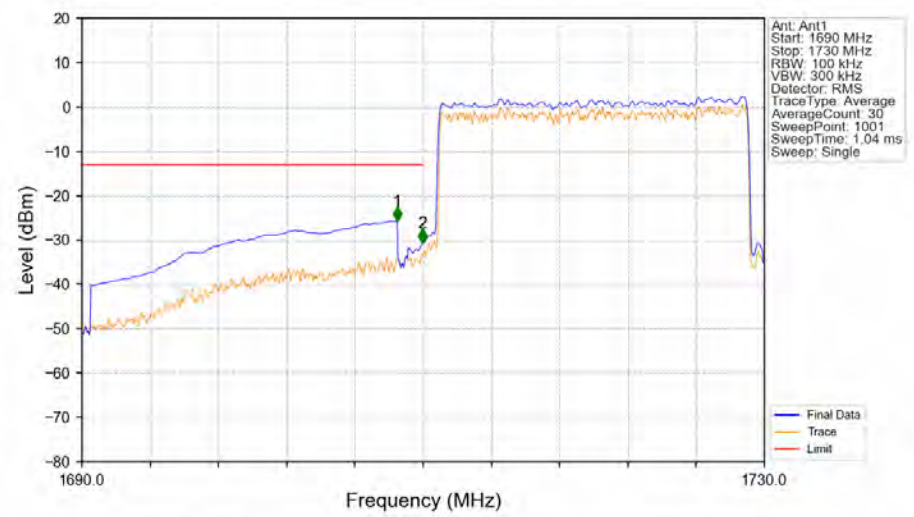
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

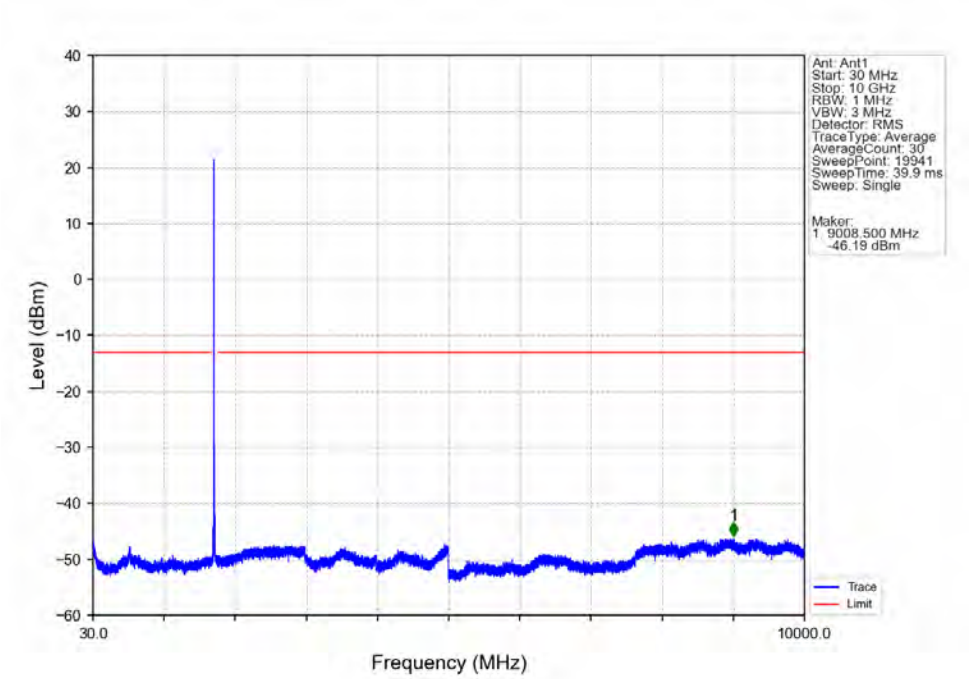


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

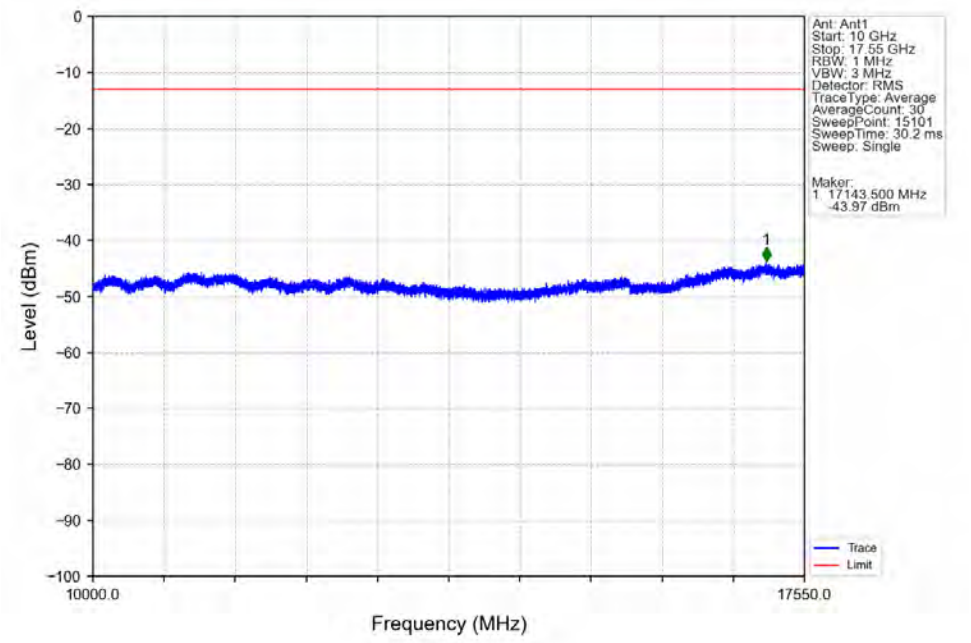


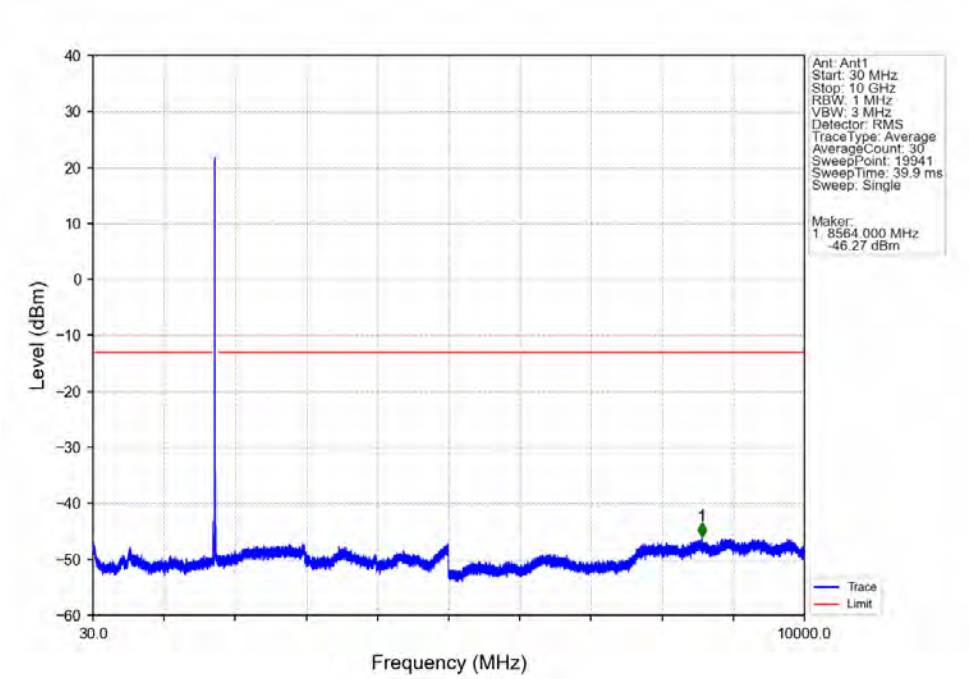
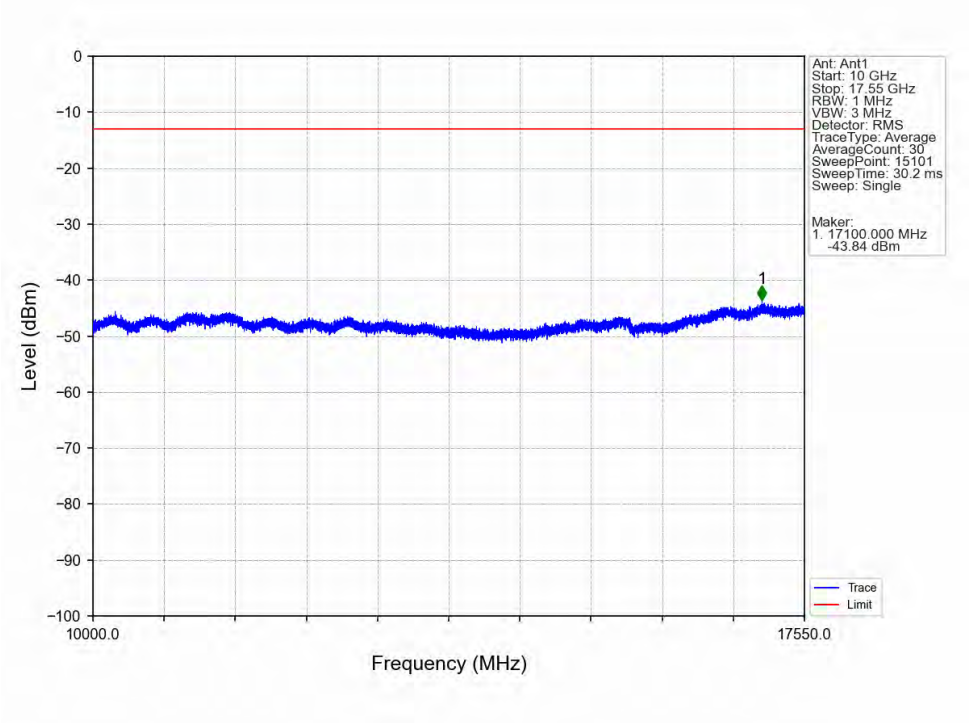
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-25.65	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-30.56	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

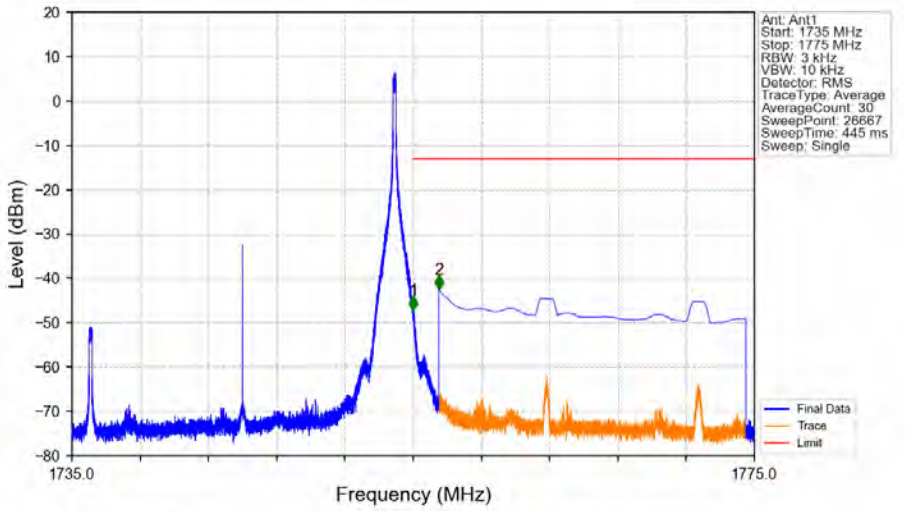


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



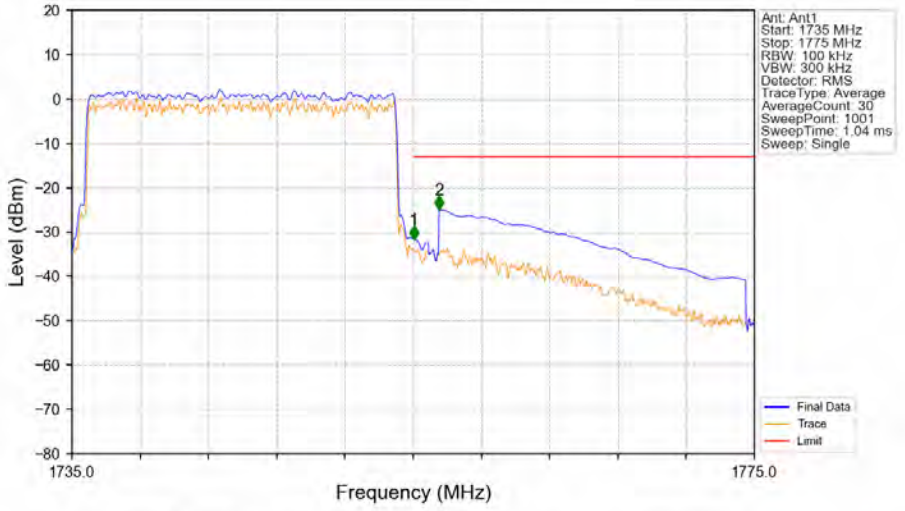
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



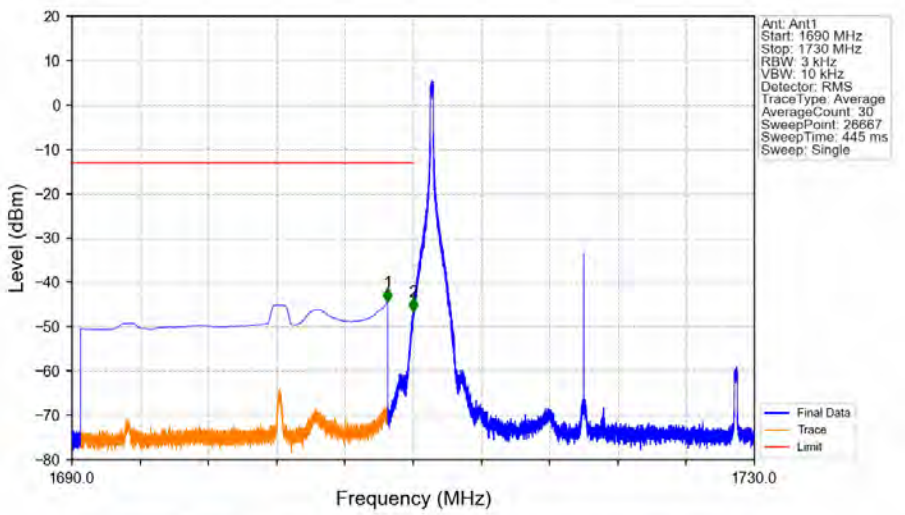
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-47.20	-13	Pass
1756	1775	1	CHP	2	1756.500	-42.37	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



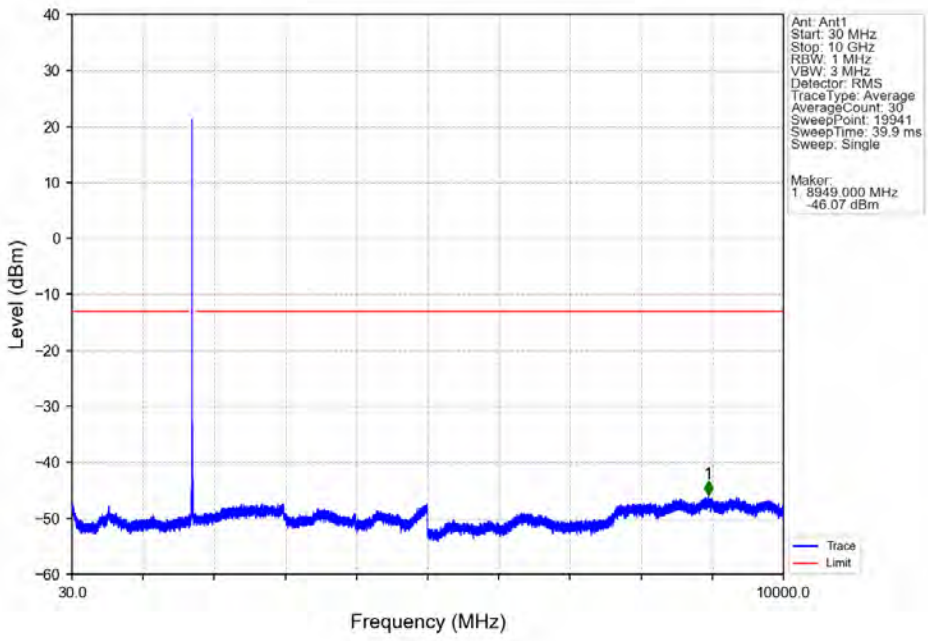
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.040	-31.68	-13	Pass
1756	1775	1	CHP	2	1756.520	-24.93	-13	Pass

Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

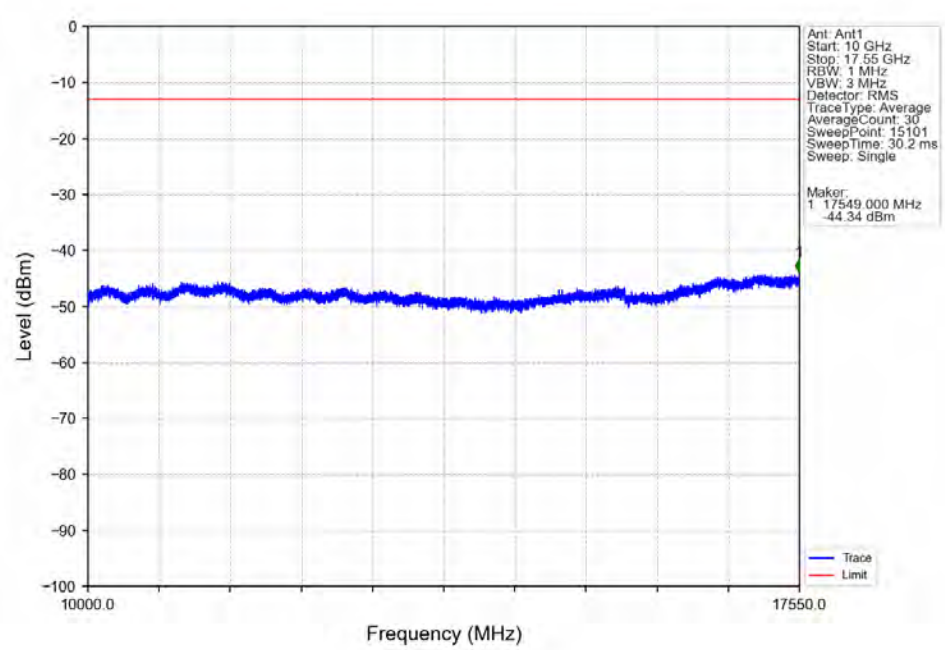


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-44.35	-13	Pass
1709	1710	0.003	/	2	1709.997	-46.53	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

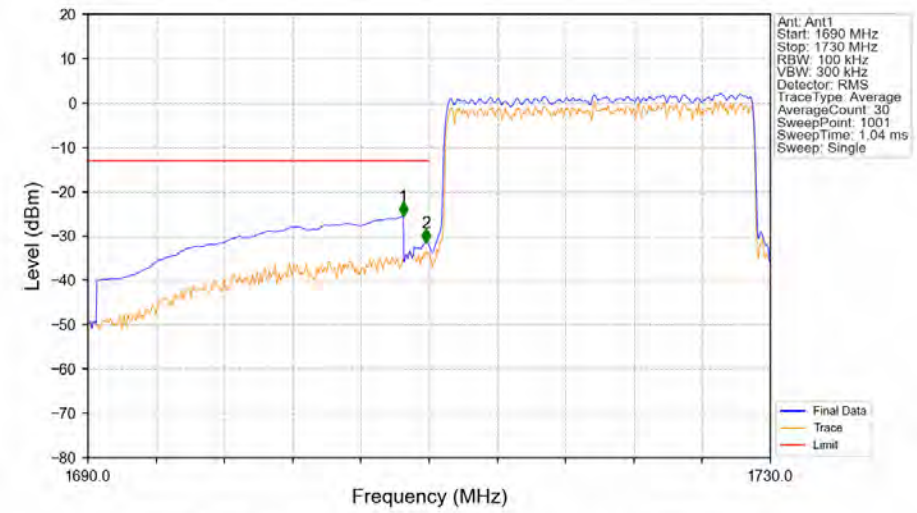
Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



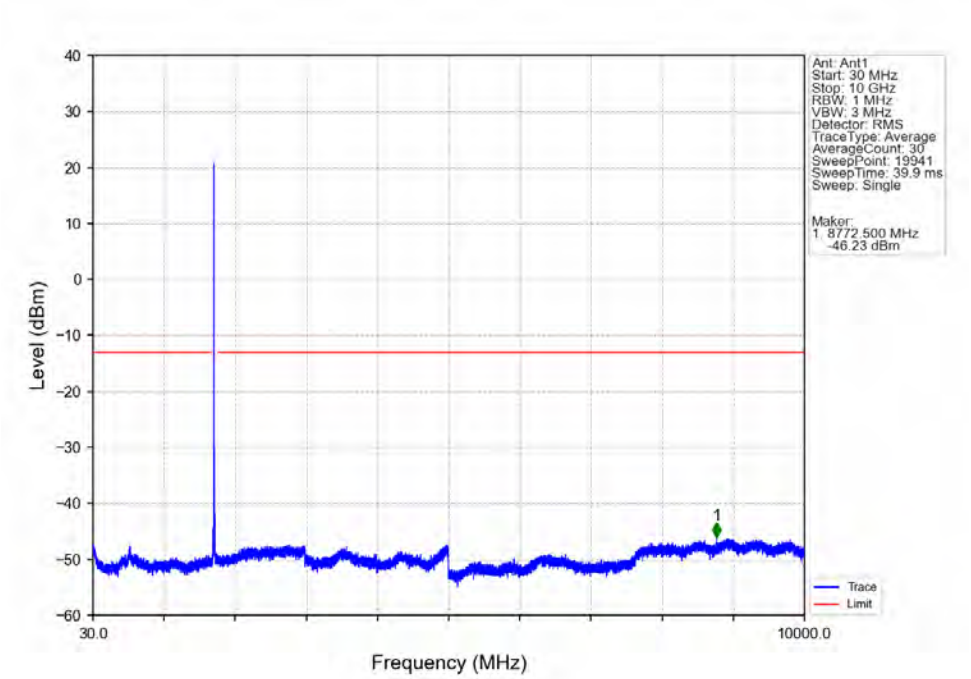
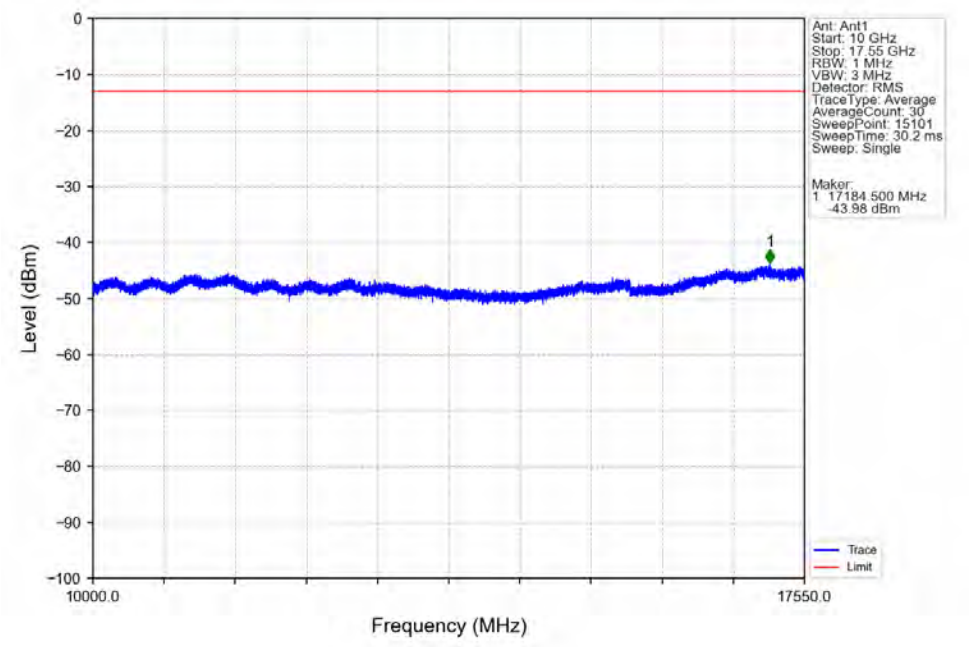
Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

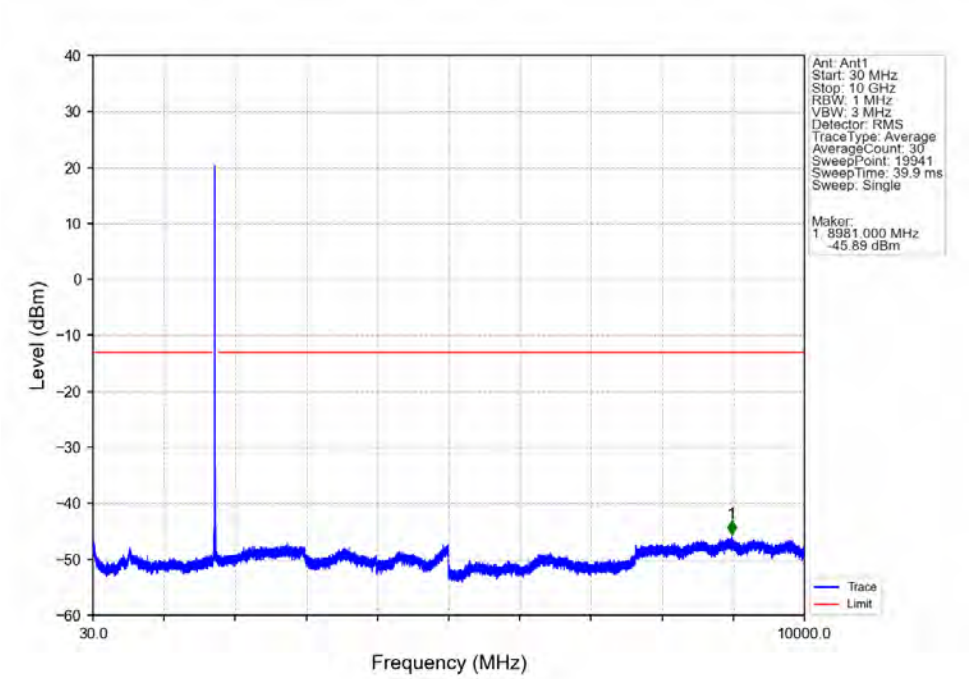
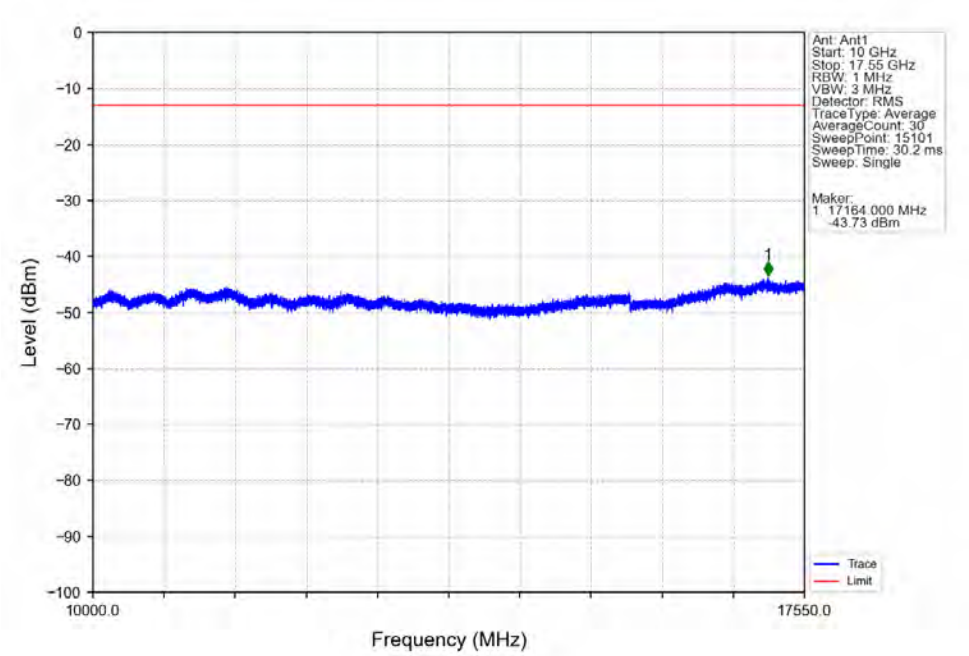


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV

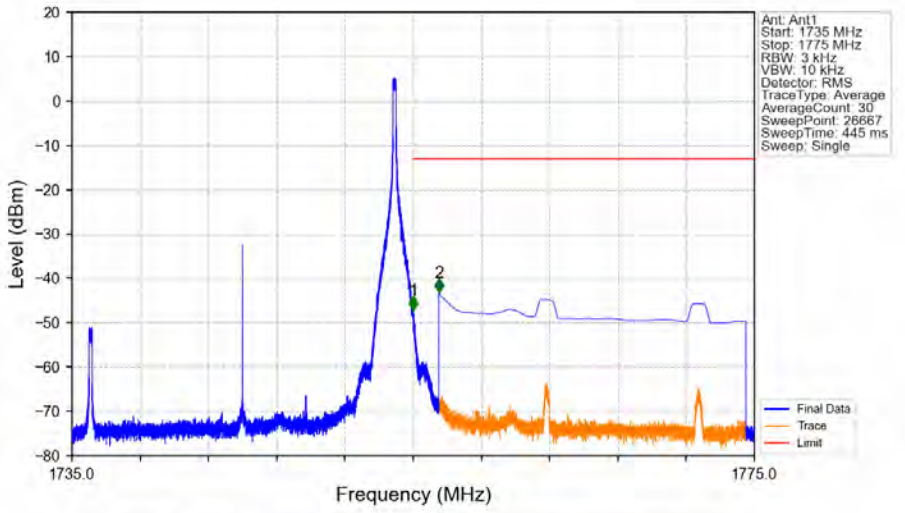


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-25.49	-13	Pass
1709	1710	0.197	CHP	2	1709.800	-31.42	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV


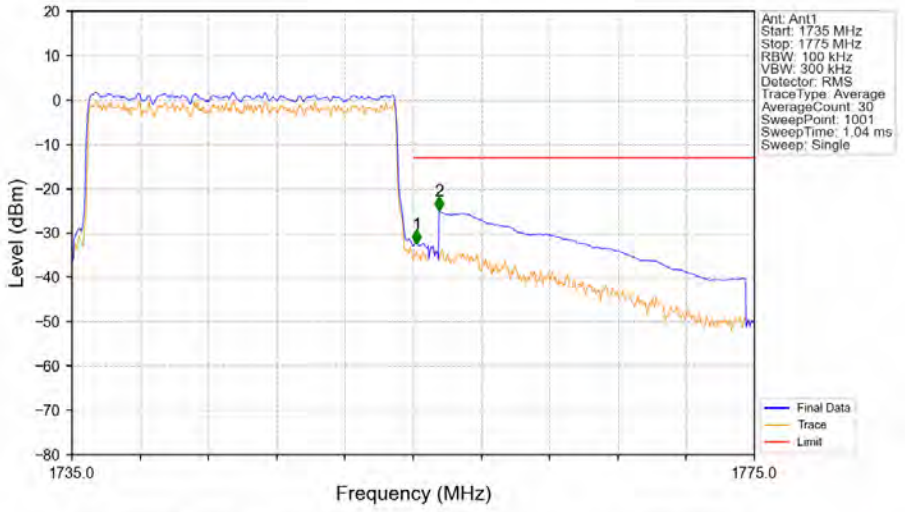
Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV

Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV


Band4_20MHz_64QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-47.17	-13	Pass
1756	1775	1	CHP	2	1756.500	-43.13	-13	Pass

Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.200	-32.34	-13	Pass
1756	1775	1	CHP	2	1756.520	-24.93	-13	Pass

FREQUENCY STABILITY

Test Result

B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.4	-17.500	-0.0102	-2.5 to 2.5	Pass
					4	-17.400	-0.0102	-2.5 to 2.5	Pass
					4.6	-12.300	-0.0072	-2.5 to 2.5	Pass
				5	4	-15.900	-0.0093	-2.5 to 2.5	Pass
				15	4	-12.500	-0.0073	-2.5 to 2.5	Pass
				25	4	-12.400	-0.0072	-2.5 to 2.5	Pass
				35	4	-7.300	-0.0043	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	12.700	0.0073	-2.5 to 2.5	Pass
					4	13.000	0.0075	-2.5 to 2.5	Pass
					4.6	13.400	0.0077	-2.5 to 2.5	Pass
				5	4	13.000	0.0075	-2.5 to 2.5	Pass
				15	4	13.000	0.0075	-2.5 to 2.5	Pass
				25	4	14.300	0.0083	-2.5 to 2.5	Pass
				35	4	11.400	0.0066	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-23.500	-0.0134	-2.5 to 2.5	Pass
					4	-20.200	-0.0115	-2.5 to 2.5	Pass
					4.6	-18.100	-0.0103	-2.5 to 2.5	Pass
				5	4	-13.100	-0.0075	-2.5 to 2.5	Pass
				15	4	-11.500	-0.0066	-2.5 to 2.5	Pass
				25	4	-19.800	-0.0113	-2.5 to 2.5	Pass
				35	4	-11.500	-0.0066	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	-11.900	-0.0070	-2.5 to 2.5	Pass
					4	-12.200	-0.0071	-2.5 to 2.5	Pass
					4.6	-12.300	-0.0072	-2.5 to 2.5	Pass
				5	4	-6.600	-0.0039	-2.5 to 2.5	Pass
				15	4	-8.600	-0.0050	-2.5 to 2.5	Pass
				25	4	-8.800	-0.0051	-2.5 to 2.5	Pass
				35	4	-6.000	-0.0035	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	14.900	0.0086	-2.5 to 2.5	Pass
					4	11.500	0.0066	-2.5 to 2.5	Pass
					4.6	9.700	0.0056	-2.5 to 2.5	Pass
				5	4	11.000	0.0063	-2.5 to 2.5	Pass
				15	4	10.200	0.0059	-2.5 to 2.5	Pass
				25	4	16.100	0.0093	-2.5 to 2.5	Pass
				35	4	11.300	0.0065	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-8.100	-0.0046	-2.5 to 2.5	Pass
					4	-9.100	-0.0052	-2.5 to 2.5	Pass
					4.6	-17.500	-0.0100	-2.5 to 2.5	Pass
				5	4	-14.000	-0.0080	-2.5 to 2.5	Pass
				15	4	-12.400	-0.0071	-2.5 to 2.5	Pass
				25	4	-18.000	-0.0103	-2.5 to 2.5	Pass
				35	4	-11.600	-0.0066	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.4	123.9000	0.0724	-2.5 to 2.5	Pass
					4	89.8000	0.0525	-2.5 to 2.5	Pass
					4.6	-121.4000	-0.0710	-2.5 to 2.5	Pass
				5	4	56.4000	0.0330	-2.5 to 2.5	Pass
				15	4	105.6000	0.0617	-2.5 to 2.5	Pass
				25	4	158.6000	0.0927	-2.5 to 2.5	Pass
				35	4	129.6000	0.0758	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	147.8000	0.0853	-2.5 to 2.5	Pass
					4	-137.3000	-0.0792	-2.5 to 2.5	Pass

					4.6	-129.7000	-0.0749	-2.5 to 2.5	Pass
				5	4	160.0000	0.0924	-2.5 to 2.5	Pass
				15	4	-156.4000	-0.0903	-2.5 to 2.5	Pass
				25	4	29.3000	0.0169	-2.5 to 2.5	Pass
				35	4	-25.2000	-0.0145	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	86.7000	0.0494	-2.5 to 2.5	Pass
					4	91.3000	0.0520	-2.5 to 2.5	Pass
					4.6	-89.8000	-0.0512	-2.5 to 2.5	Pass
				5	4	85.7000	0.0489	-2.5 to 2.5	Pass
				15	4	-49.2000	-0.0280	-2.5 to 2.5	Pass
				25	4	161.9000	0.0923	-2.5 to 2.5	Pass
				35	4	-93.1000	-0.0531	-2.5 to 2.5	Pass

B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass
					4	1.600	0.0009	-2.5 to 2.5	Pass
					4.6	-0.200	-0.0001	-2.5 to 2.5	Pass
				5	4	-2.400	-0.0014	-2.5 to 2.5	Pass
				15	4	-1.600	-0.0009	-2.5 to 2.5	Pass
				25	4	-0.500	-0.0003	-2.5 to 2.5	Pass
				35	4	2.000	0.0012	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	0.600	0.0003	-2.5 to 2.5	Pass
					4	0.700	0.0004	-2.5 to 2.5	Pass
					4.6	-0.300	-0.0002	-2.5 to 2.5	Pass
				5	4	1.300	0.0008	-2.5 to 2.5	Pass
				15	4	-0.500	-0.0003	-2.5 to 2.5	Pass
				25	4	-1.400	-0.0008	-2.5 to 2.5	Pass
				35	4	2.500	0.0014	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	1.300	0.0007	-2.5 to 2.5	Pass
					4.6	-1.200	-0.0007	-2.5 to 2.5	Pass
				5	4	0.800	0.0005	-2.5 to 2.5	Pass
				15	4	1.000	0.0006	-2.5 to 2.5	Pass
				25	4	0.600	0.0003	-2.5 to 2.5	Pass
				35	4	-1.400	-0.0008	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4	-0.900	-0.0005	-2.5 to 2.5	Pass
					4.6	-1.600	-0.0009	-2.5 to 2.5	Pass
				5	4	1.400	0.0008	-2.5 to 2.5	Pass
				15	4	1.600	0.0009	-2.5 to 2.5	Pass
				25	4	1.000	0.0006	-2.5 to 2.5	Pass
				35	4	-0.700	-0.0004	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	1.500	0.0009	-2.5 to 2.5	Pass
					4	-5.600	-0.0032	-2.5 to 2.5	Pass
					4.6	0.300	0.0002	-2.5 to 2.5	Pass
				5	4	1.200	0.0007	-2.5 to 2.5	Pass
				15	4	3.700	0.0021	-2.5 to 2.5	Pass
				25	4	1.100	0.0006	-2.5 to 2.5	Pass
				35	4	0.300	0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	0.300	0.0002	-2.5 to 2.5	Pass
					4	0.800	0.0005	-2.5 to 2.5	Pass
					4.6	0.300	0.0002	-2.5 to 2.5	Pass
				5	4	1.100	0.0006	-2.5 to 2.5	Pass
				15	4	0.900	0.0005	-2.5 to 2.5	Pass
				25	4	1.200	0.0007	-2.5 to 2.5	Pass
				35	4	3.700	0.0021	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.4	-104.2000	-0.0609	-2.5 to 2.5	Pass

					4	65.3000	0.0382	-2.5 to 2.5	Pass
					4.6	134.1000	0.0784	-2.5 to 2.5	Pass
				5	4	149.2000	0.0872	-2.5 to 2.5	Pass
				15	4	-79.4000	-0.0464	-2.5 to 2.5	Pass
				25	4	85.1000	0.0497	-2.5 to 2.5	Pass
				35	4	23.6000	0.0138	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	157.5000	0.0909	-2.5 to 2.5	Pass
					4	61.0000	0.0352	-2.5 to 2.5	Pass
					4.6	-138.4000	-0.0799	-2.5 to 2.5	Pass
				5	4	-27.1000	-0.0156	-2.5 to 2.5	Pass
				15	4	68.8000	0.0397	-2.5 to 2.5	Pass
				25	4	89.1000	0.0514	-2.5 to 2.5	Pass
				35	4	15.3000	0.0088	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	137.6000	0.0785	-2.5 to 2.5	Pass
					4	83.6000	0.0477	-2.5 to 2.5	Pass
					4.6	-30.7000	-0.0175	-2.5 to 2.5	Pass
				5	4	163.1000	0.0930	-2.5 to 2.5	Pass
				15	4	30.9000	0.0176	-2.5 to 2.5	Pass
				25	4	-5.5000	-0.0031	-2.5 to 2.5	Pass
				35	4	-155.0000	-0.0884	-2.5 to 2.5	Pass

B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	-2.500	-0.0015	-2.5 to 2.5	Pass
					4.6	-1.600	-0.0009	-2.5 to 2.5	Pass
				5	4	-3.100	-0.0018	-2.5 to 2.5	Pass
				15	4	-4.400	-0.0026	-2.5 to 2.5	Pass
				25	4	-3.100	-0.0018	-2.5 to 2.5	Pass
				35	4	-2.900	-0.0017	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	2.900	0.0017	-2.5 to 2.5	Pass
					4	4.000	0.0023	-2.5 to 2.5	Pass
					4.6	2.600	0.0015	-2.5 to 2.5	Pass
				5	4	2.000	0.0012	-2.5 to 2.5	Pass
				15	4	0.900	0.0005	-2.5 to 2.5	Pass
				25	4	-0.400	-0.0002	-2.5 to 2.5	Pass
				35	4	1.400	0.0008	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	-0.300	-0.0002	-2.5 to 2.5	Pass
					4	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.6	1.700	0.0010	-2.5 to 2.5	Pass
				5	4	1.100	0.0006	-2.5 to 2.5	Pass
				15	4	-3.100	-0.0018	-2.5 to 2.5	Pass
				25	4	-2.100	-0.0012	-2.5 to 2.5	Pass
				35	4	0.300	0.0002	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	-1.400	-0.0008	-2.5 to 2.5	Pass
					4	-2.800	-0.0016	-2.5 to 2.5	Pass
					4.6	-3.300	-0.0019	-2.5 to 2.5	Pass
				5	4	-3.300	-0.0019	-2.5 to 2.5	Pass
				15	4	-1.900	-0.0011	-2.5 to 2.5	Pass
				25	4	-2.100	-0.0012	-2.5 to 2.5	Pass
				35	4	-1.900	-0.0011	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	2.200	0.0013	-2.5 to 2.5	Pass
					4	3.700	0.0021	-2.5 to 2.5	Pass
					4.6	1.000	0.0006	-2.5 to 2.5	Pass
				5	4	4.300	0.0025	-2.5 to 2.5	Pass
				15	4	4.000	0.0023	-2.5 to 2.5	Pass
				25	4	3.400	0.0020	-2.5 to 2.5	Pass
				35	4	0.800	0.0005	-2.5 to 2.5	Pass

	1752.5	25	0	20	3.4	0.100	0.0001	-2.5 to 2.5	Pass
					4	-1.300	-0.0007	-2.5 to 2.5	Pass
					4.6	2.000	0.0011	-2.5 to 2.5	Pass
				5	4	0.800	0.0005	-2.5 to 2.5	Pass
				15	4	2.200	0.0013	-2.5 to 2.5	Pass
				25	4	0.700	0.0004	-2.5 to 2.5	Pass
				35	4	2.700	0.0015	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.4	120.0000	0.0701	-2.5 to 2.5	Pass
					4	71.2000	0.0416	-2.5 to 2.5	Pass
					4.6	148.6000	0.0868	-2.5 to 2.5	Pass
				5	4	64.4000	0.0376	-2.5 to 2.5	Pass
				15	4	84.1000	0.0491	-2.5 to 2.5	Pass
				25	4	-161.9000	-0.0945	-2.5 to 2.5	Pass
				35	4	49.8000	0.0291	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	104.3000	0.0602	-2.5 to 2.5	Pass
					4	10.0000	0.0058	-2.5 to 2.5	Pass
					4.6	2.0000	0.0012	-2.5 to 2.5	Pass
				5	4	15.6000	0.0090	-2.5 to 2.5	Pass
				15	4	78.9000	0.0455	-2.5 to 2.5	Pass
				25	4	-7.2000	-0.0042	-2.5 to 2.5	Pass
				35	4	60.9000	0.0352	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	17.1000	0.0098	-2.5 to 2.5	Pass
					4	51.4000	0.0293	-2.5 to 2.5	Pass
					4.6	-111.5000	-0.0636	-2.5 to 2.5	Pass
				5	4	-74.3000	-0.0424	-2.5 to 2.5	Pass
				15	4	149.7000	0.0854	-2.5 to 2.5	Pass
				25	4	107.9000	0.0616	-2.5 to 2.5	Pass
				35	4	-149.0000	-0.0850	-2.5 to 2.5	Pass

B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.4	-0.500	-0.0003	-2.5 to 2.5	Pass
					4	-1.000	-0.0006	-2.5 to 2.5	Pass
					4.6	-1.700	-0.0010	-2.5 to 2.5	Pass
				5	4	-3.000	-0.0017	-2.5 to 2.5	Pass
				15	4	-1.700	-0.0010	-2.5 to 2.5	Pass
				25	4	-0.900	-0.0005	-2.5 to 2.5	Pass
				35	4	-0.100	-0.0001	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	2.300	0.0013	-2.5 to 2.5	Pass
					4	0.100	0.0001	-2.5 to 2.5	Pass
					4.6	0.500	0.0003	-2.5 to 2.5	Pass
				5	4	2.000	0.0012	-2.5 to 2.5	Pass
				15	4	-0.600	-0.0003	-2.5 to 2.5	Pass
				25	4	0.800	0.0005	-2.5 to 2.5	Pass
				35	4	0.800	0.0005	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-1.300	-0.0007	-2.5 to 2.5	Pass
					4	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.6	-1.100	-0.0006	-2.5 to 2.5	Pass
				5	4	-0.600	-0.0003	-2.5 to 2.5	Pass
				15	4	-1.700	-0.0010	-2.5 to 2.5	Pass
				25	4	-0.100	-0.0001	-2.5 to 2.5	Pass
				35	4	-0.400	-0.0002	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					4	1.300	0.0008	-2.5 to 2.5	Pass
					4.6	-1.700	-0.0010	-2.5 to 2.5	Pass
				5	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				15	4	-1.300	-0.0008	-2.5 to 2.5	Pass
				25	4	-0.800	-0.0005	-2.5 to 2.5	Pass

				35	4	1.000	0.0006	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					4	1.100	0.0006	-2.5 to 2.5	Pass
					4.6	1.000	0.0006	-2.5 to 2.5	Pass
				5	4	1.500	0.0009	-2.5 to 2.5	Pass
				15	4	1.000	0.0006	-2.5 to 2.5	Pass
				25	4	0.700	0.0004	-2.5 to 2.5	Pass
				35	4	-0.500	-0.0003	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass
					4	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.6	-0.400	-0.0002	-2.5 to 2.5	Pass
				5	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				15	4	-2.500	-0.0014	-2.5 to 2.5	Pass
				25	4	0.300	0.0002	-2.5 to 2.5	Pass
				35	4	-0.300	-0.0002	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.4	67.5000	0.0394	-2.5 to 2.5	Pass
					4	-56.9000	-0.0332	-2.5 to 2.5	Pass
					4.6	130.6000	0.0762	-2.5 to 2.5	Pass
				5	4	0.4000	0.0002	-2.5 to 2.5	Pass
				15	4	-136.7000	-0.0797	-2.5 to 2.5	Pass
				25	4	33.5000	0.0195	-2.5 to 2.5	Pass
				35	4	61.5000	0.0359	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	131.8000	0.0761	-2.5 to 2.5	Pass
					4	109.0000	0.0629	-2.5 to 2.5	Pass
					4.6	116.4000	0.0672	-2.5 to 2.5	Pass
				5	4	167.9000	0.0969	-2.5 to 2.5	Pass
				15	4	110.8000	0.0640	-2.5 to 2.5	Pass
				25	4	94.4000	0.0545	-2.5 to 2.5	Pass
				35	4	-61.9000	-0.0357	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-105.6000	-0.0603	-2.5 to 2.5	Pass
					4	5.8000	0.0033	-2.5 to 2.5	Pass
					4.6	66.9000	0.0382	-2.5 to 2.5	Pass
				5	4	105.2000	0.0601	-2.5 to 2.5	Pass
				15	4	105.0000	0.0600	-2.5 to 2.5	Pass
				25	4	-144.8000	-0.0827	-2.5 to 2.5	Pass
				35	4	-76.1000	-0.0435	-2.5 to 2.5	Pass

B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.4	4.100	0.0024	-2.5 to 2.5	Pass
					4	1.900	0.0011	-2.5 to 2.5	Pass
					4.6	-0.500	-0.0003	-2.5 to 2.5	Pass
				5	4	-0.300	-0.0002	-2.5 to 2.5	Pass
				15	4	0.100	0.0001	-2.5 to 2.5	Pass
				25	4	1.000	0.0006	-2.5 to 2.5	Pass
				35	4	0.000	0.0000	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	1.200	0.0007	-2.5 to 2.5	Pass
					4	1.200	0.0007	-2.5 to 2.5	Pass
					4.6	1.600	0.0009	-2.5 to 2.5	Pass
				5	4	0.300	0.0002	-2.5 to 2.5	Pass
				15	4	1.900	0.0011	-2.5 to 2.5	Pass
				25	4	1.800	0.0010	-2.5 to 2.5	Pass
				35	4	0.700	0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	0.600	0.0003	-2.5 to 2.5	Pass
					4	1.300	0.0007	-2.5 to 2.5	Pass
					4.6	3.500	0.0020	-2.5 to 2.5	Pass
				5	4	0.900	0.0005	-2.5 to 2.5	Pass
				15	4	1.600	0.0009	-2.5 to 2.5	Pass

				25	4	0.100	0.0001	-2.5 to 2.5	Pass
				35	4	1.100	0.0006	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.4	0.300	0.0002	-2.5 to 2.5	Pass
					4	0.200	0.0001	-2.5 to 2.5	Pass
					4.6	-4.100	-0.0024	-2.5 to 2.5	Pass
				5	4	1.100	0.0006	-2.5 to 2.5	Pass
				15	4	-0.700	-0.0004	-2.5 to 2.5	Pass
				25	4	-1.600	-0.0009	-2.5 to 2.5	Pass
				35	4	-1.000	-0.0006	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.6	0.400	0.0002	-2.5 to 2.5	Pass
				5	4	1.200	0.0007	-2.5 to 2.5	Pass
				15	4	1.800	0.0010	-2.5 to 2.5	Pass
				25	4	1.700	0.0010	-2.5 to 2.5	Pass
				35	4	-1.300	-0.0008	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	1.000	0.0006	-2.5 to 2.5	Pass
					4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.6	-0.400	-0.0002	-2.5 to 2.5	Pass
				5	4	-1.100	-0.0006	-2.5 to 2.5	Pass
				15	4	0.200	0.0001	-2.5 to 2.5	Pass
				25	4	2.800	0.0016	-2.5 to 2.5	Pass
				35	4	1.200	0.0007	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.4	117.1000	0.0682	-2.5 to 2.5	Pass
					4	170.4000	0.0992	-2.5 to 2.5	Pass
					4.6	160.9000	0.0937	-2.5 to 2.5	Pass
				5	4	104.4000	0.0608	-2.5 to 2.5	Pass
				15	4	-79.0000	-0.0460	-2.5 to 2.5	Pass
				25	4	107.9000	0.0628	-2.5 to 2.5	Pass
				35	4	142.0000	0.0827	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	74.8000	0.0432	-2.5 to 2.5	Pass
					4	107.6000	0.0621	-2.5 to 2.5	Pass
					4.6	84.2000	0.0486	-2.5 to 2.5	Pass
				5	4	91.5000	0.0528	-2.5 to 2.5	Pass
				15	4	15.3000	0.0088	-2.5 to 2.5	Pass
				25	4	151.7000	0.0876	-2.5 to 2.5	Pass
				35	4	118.3000	0.0683	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	160.8000	0.0920	-2.5 to 2.5	Pass
					4	67.0000	0.0383	-2.5 to 2.5	Pass
					4.6	1.5000	0.0009	-2.5 to 2.5	Pass
				5	4	-48.2000	-0.0276	-2.5 to 2.5	Pass
				15	4	83.9000	0.0480	-2.5 to 2.5	Pass
				25	4	-107.7000	-0.0616	-2.5 to 2.5	Pass
				35	4	-22.6000	-0.0129	-2.5 to 2.5	Pass

B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.4	-3.600	-0.0021	-2.5 to 2.5	Pass
					4	-1.700	-0.0010	-2.5 to 2.5	Pass
					4.6	-1.600	-0.0009	-2.5 to 2.5	Pass
				5	4	-3.300	-0.0019	-2.5 to 2.5	Pass
				15	4	-0.400	-0.0002	-2.5 to 2.5	Pass
				25	4	-2.100	-0.0012	-2.5 to 2.5	Pass
				35	4	-4.100	-0.0024	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	0.900	0.0005	-2.5 to 2.5	Pass
					4	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.6	-0.300	-0.0002	-2.5 to 2.5	Pass
				5	4	1.400	0.0008	-2.5 to 2.5	Pass

				15	4	-5.800	-0.0033	-2.5 to 2.5	Pass
				25	4	0.500	0.0003	-2.5 to 2.5	Pass
				35	4	-1.100	-0.0006	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-0.400	-0.0002	-2.5 to 2.5	Pass
					4	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.6	-1.100	-0.0006	-2.5 to 2.5	Pass
				5	4	1.400	0.0008	-2.5 to 2.5	Pass
				15	4	-2.200	-0.0013	-2.5 to 2.5	Pass
				25	4	-1.000	-0.0006	-2.5 to 2.5	Pass
				35	4	-0.800	-0.0005	-2.5 to 2.5	Pass
	1720	100	0	20	3.4	-2.900	-0.0017	-2.5 to 2.5	Pass
					4	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.6	-4.100	-0.0024	-2.5 to 2.5	Pass
				5	4	-5.000	-0.0029	-2.5 to 2.5	Pass
				15	4	-8.400	-0.0049	-2.5 to 2.5	Pass
				25	4	-2.900	-0.0017	-2.5 to 2.5	Pass
				35	4	-2.200	-0.0013	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					4	0.700	0.0004	-2.5 to 2.5	Pass
					4.6	1.500	0.0009	-2.5 to 2.5	Pass
16QAM				5	4	1.600	0.0009	-2.5 to 2.5	Pass
				15	4	2.400	0.0014	-2.5 to 2.5	Pass
				25	4	0.100	0.0001	-2.5 to 2.5	Pass
				35	4	0.500	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-1.500	-0.0009	-2.5 to 2.5	Pass
					4	-1.500	-0.0009	-2.5 to 2.5	Pass
					4.6	-1.800	-0.0010	-2.5 to 2.5	Pass
				5	4	2.500	0.0014	-2.5 to 2.5	Pass
				15	4	1.500	0.0009	-2.5 to 2.5	Pass
				25	4	-0.300	-0.0002	-2.5 to 2.5	Pass
				35	4	1.400	0.0008	-2.5 to 2.5	Pass
	1720	100	0	20	3.4	-64.3000	-0.0374	-2.5 to 2.5	Pass
					4	-29.0000	-0.0169	-2.5 to 2.5	Pass
					4.6	17.1000	0.0099	-2.5 to 2.5	Pass
				5	4	-31.2000	-0.0181	-2.5 to 2.5	Pass
				15	4	96.3000	0.0560	-2.5 to 2.5	Pass
				25	4	55.3000	0.0322	-2.5 to 2.5	Pass
				35	4	71.0000	0.0413	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	120.9000	0.0698	-2.5 to 2.5	Pass
					4	0.8000	0.0005	-2.5 to 2.5	Pass
					4.6	81.6000	0.0471	-2.5 to 2.5	Pass
64QAM				5	4	-91.7000	-0.0529	-2.5 to 2.5	Pass
				15	4	68.8000	0.0397	-2.5 to 2.5	Pass
				25	4	-8.7000	-0.0050	-2.5 to 2.5	Pass
				35	4	-99.2000	-0.0573	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-71.6000	-0.0410	-2.5 to 2.5	Pass
					4	98.2000	0.0563	-2.5 to 2.5	Pass
					4.6	147.5000	0.0845	-2.5 to 2.5	Pass
				5	4	-59.0000	-0.0338	-2.5 to 2.5	Pass
				15	4	-36.1000	-0.0207	-2.5 to 2.5	Pass
				25	4	1.7000	0.0010	-2.5 to 2.5	Pass
				35	4	29.9000	0.0171	-2.5 to 2.5	Pass

LTE BAND38

PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	6.60	<=13	Pass
	2595	25	0	6.58	<=13	Pass
	2617.5	25	0	6.60	<=13	Pass
16QAM	2572.5	25	0	7.56	<=13	Pass
	2595	25	0	7.58	<=13	Pass
	2617.5	25	0	7.66	<=13	Pass
64QAM	2572.5	25	0	7.56	<=13	Pass
	2595	25	0	7.58	<=13	Pass
	2617.5	25	0	7.60	<=13	Pass

B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	6.60	<=13	Pass
	2595	50	0	6.58	<=13	Pass
	2615	50	0	6.58	<=13	Pass
16QAM	2575	50	0	7.52	<=13	Pass
	2595	50	0	7.52	<=13	Pass
	2615	50	0	7.56	<=13	Pass
64QAM	2575	50	0	7.52	<=13	Pass
	2595	50	0	7.54	<=13	Pass
	2615	50	0	7.54	<=13	Pass

B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	6.60	<=13	Pass
	2595	75	0	6.58	<=13	Pass
	2612.5	75	0	6.58	<=13	Pass
16QAM	2577.5	75	0	7.48	<=13	Pass
	2595	75	0	7.46	<=13	Pass
	2612.5	75	0	7.46	<=13	Pass
64QAM	2577.5	75	0	7.42	<=13	Pass
	2595	75	0	7.58	<=13	Pass
	2612.5	75	0	7.46	<=13	Pass

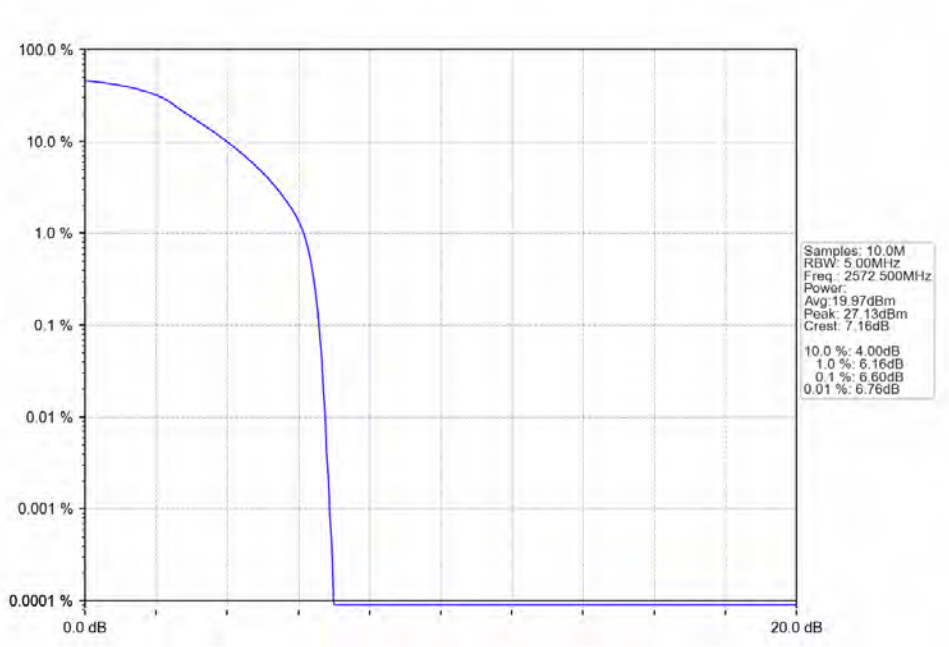
B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	6.50	<=13	Pass
	2595	100	0	6.52	<=13	Pass
	2610	100	0	6.52	<=13	Pass
16QAM	2580	100	0	7.40	<=13	Pass
	2595	100	0	7.44	<=13	Pass
	2610	100	0	7.44	<=13	Pass
64QAM	2580	100	0	7.42	<=13	Pass
	2595	100	0	7.44	<=13	Pass
	2610	100	0	7.44	<=13	Pass

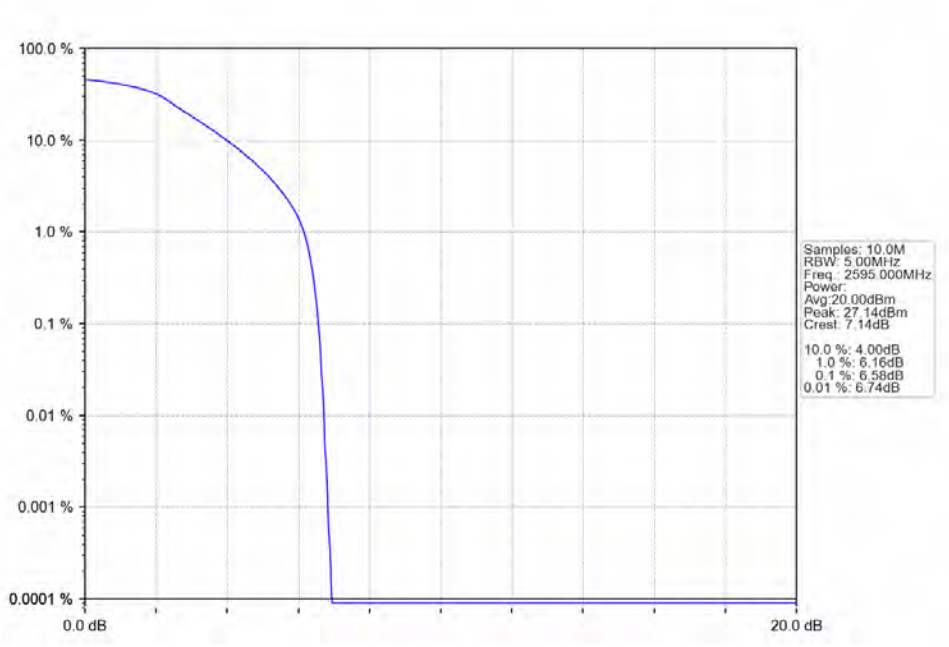
Test Graphs

B38_5MHz

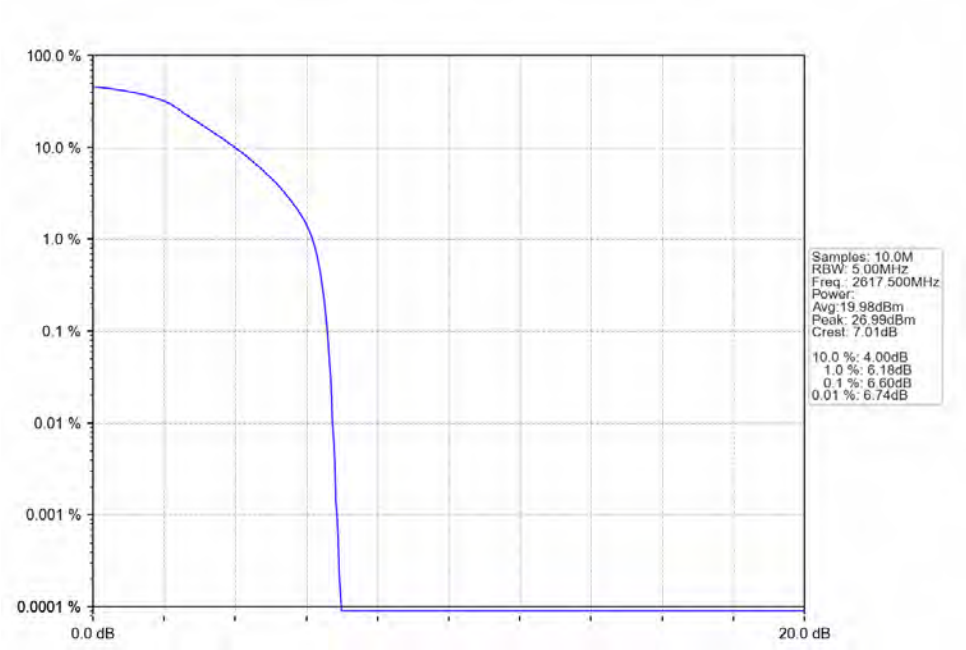
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



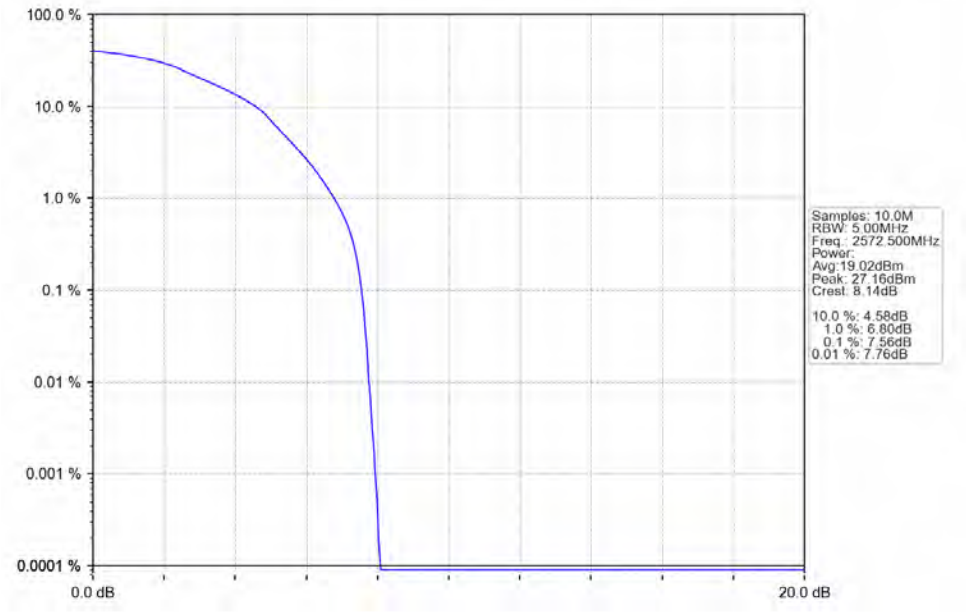
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



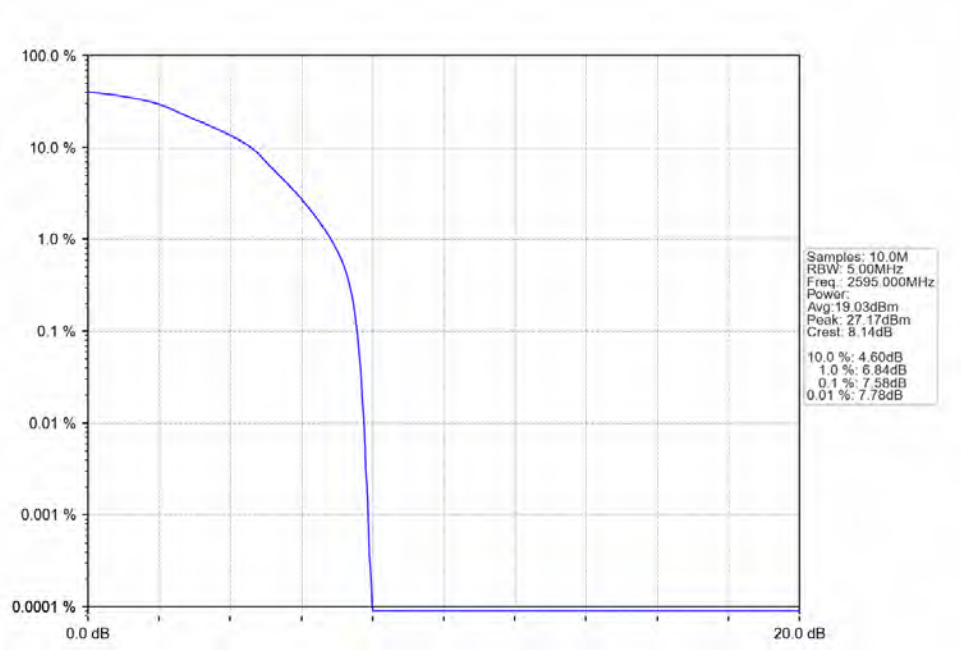
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



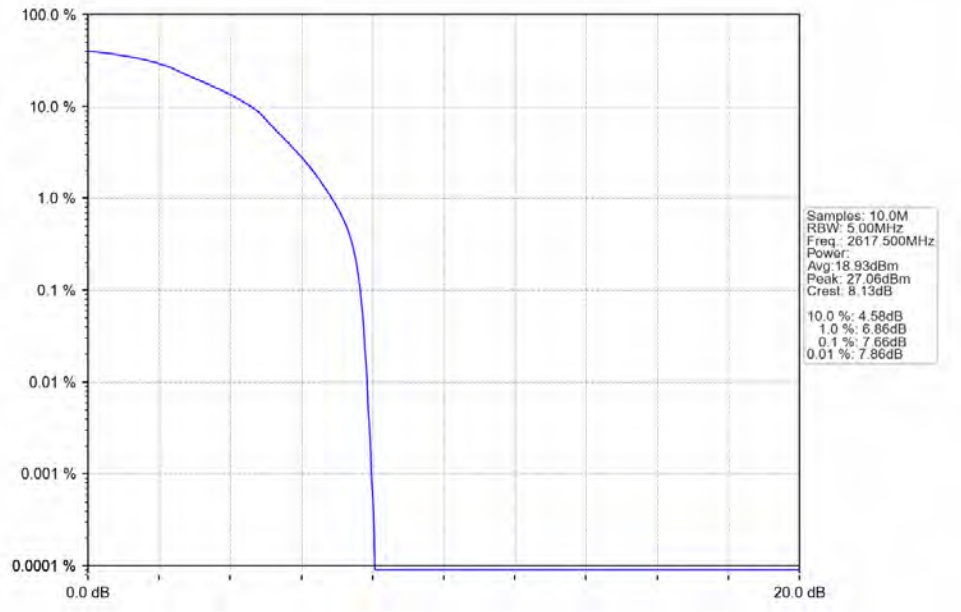
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



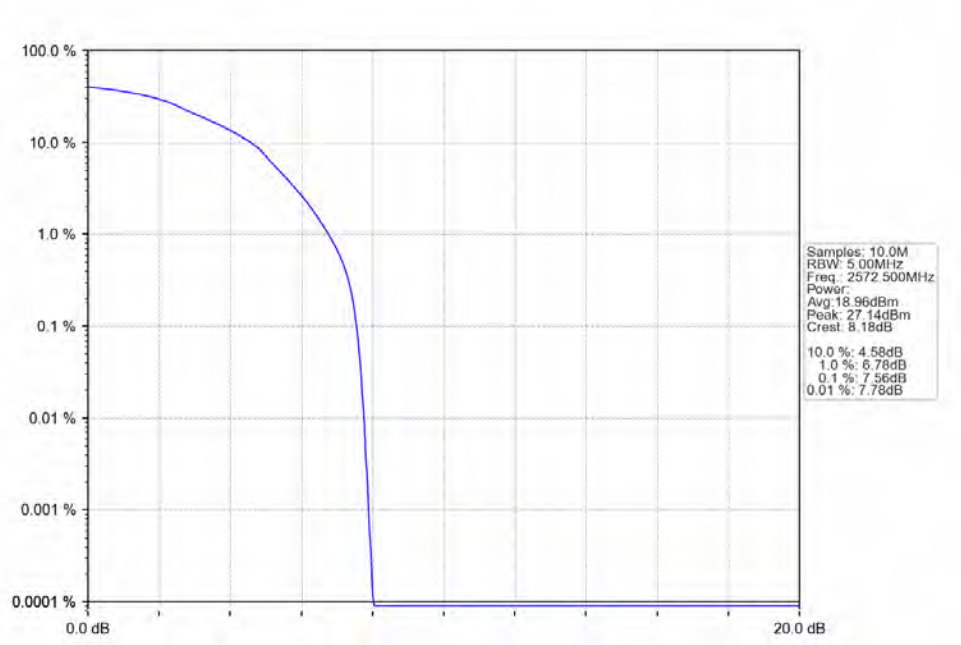
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



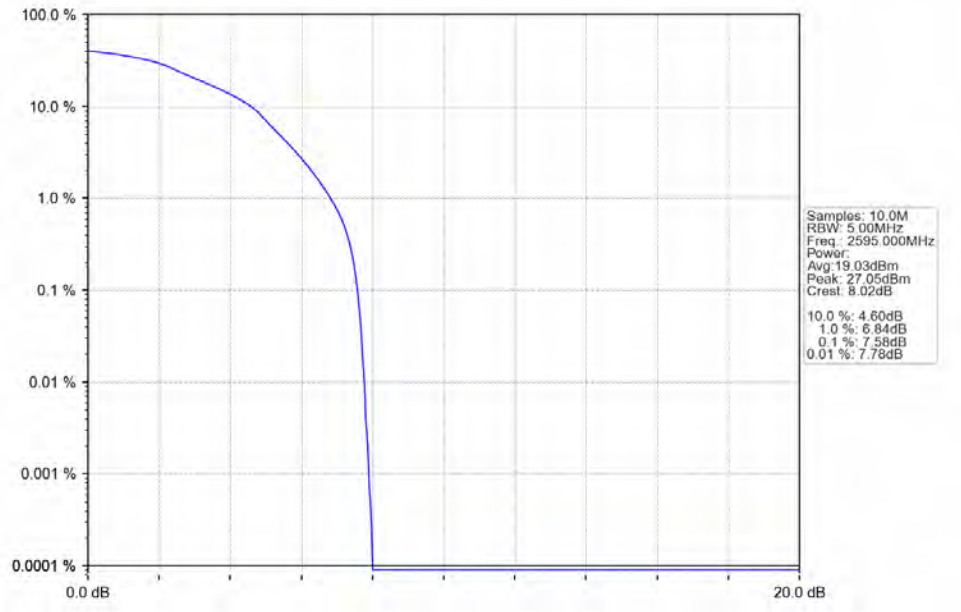
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



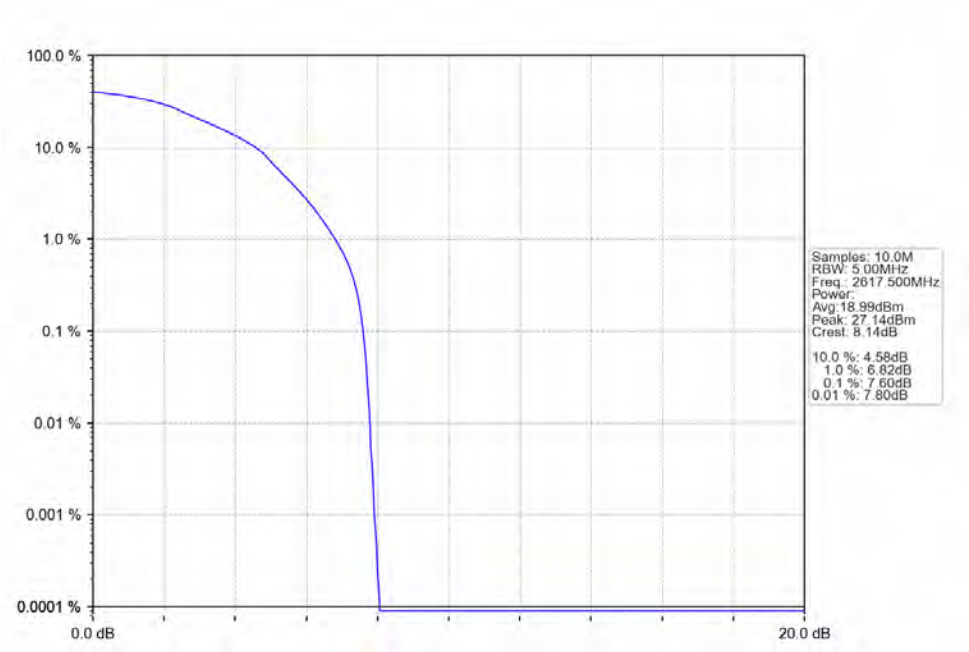
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



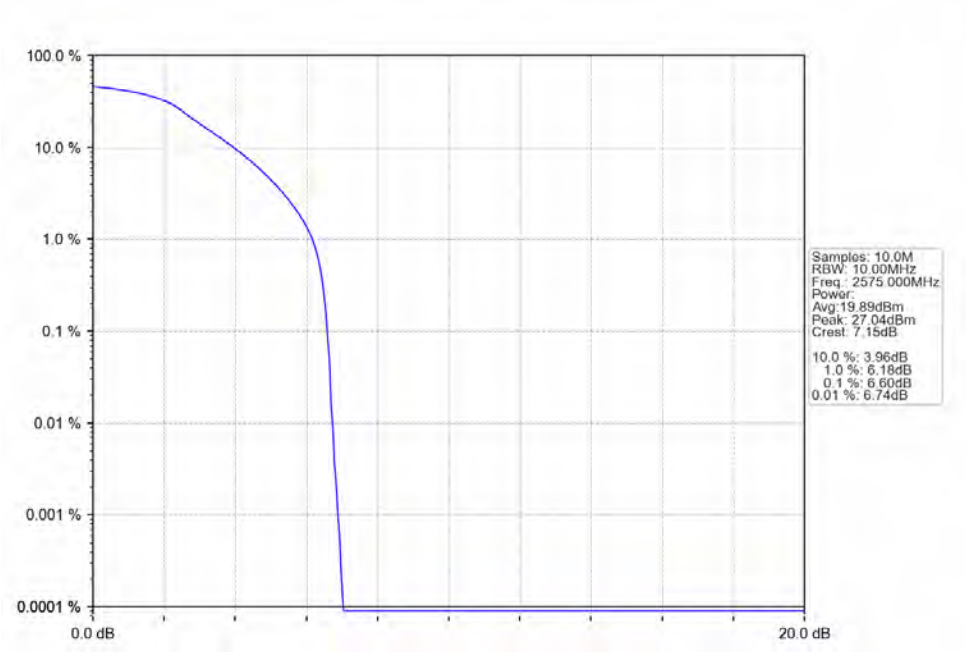
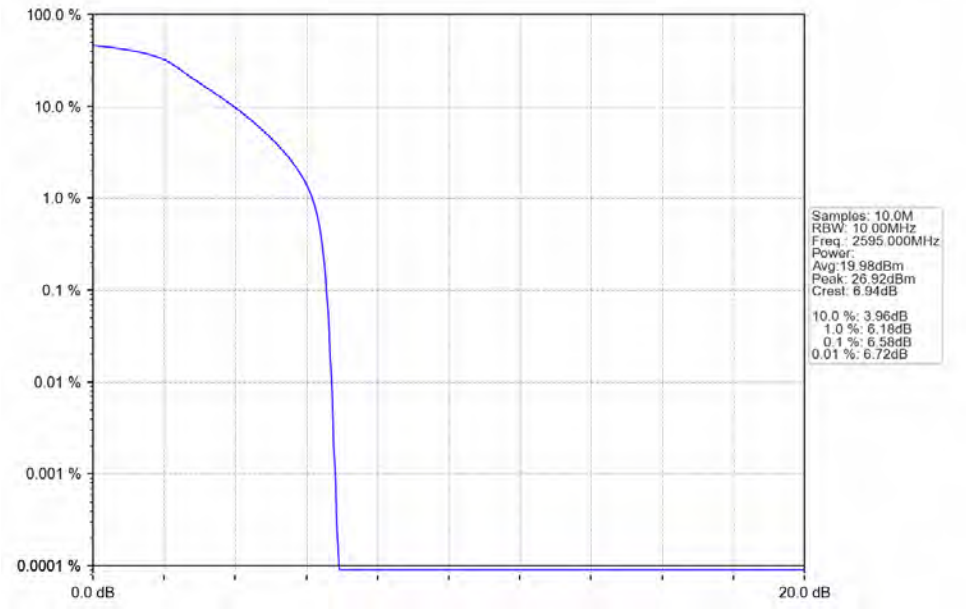
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



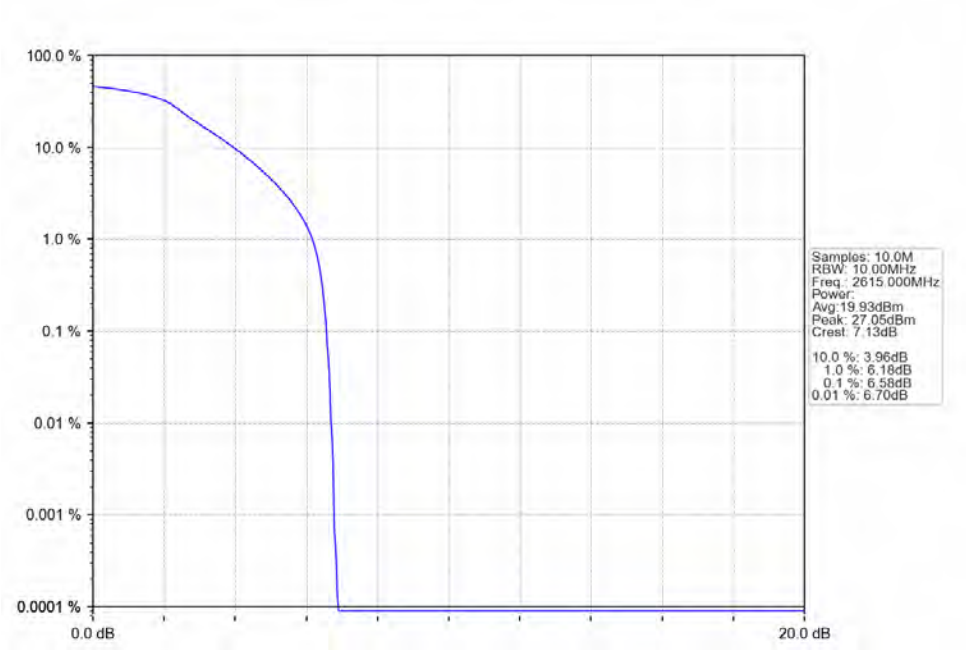
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



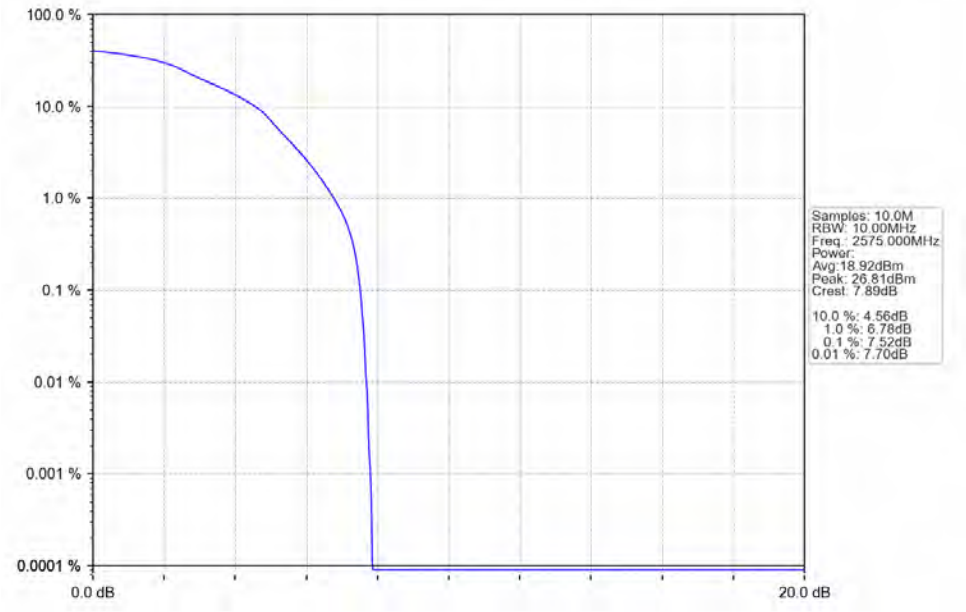
B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV


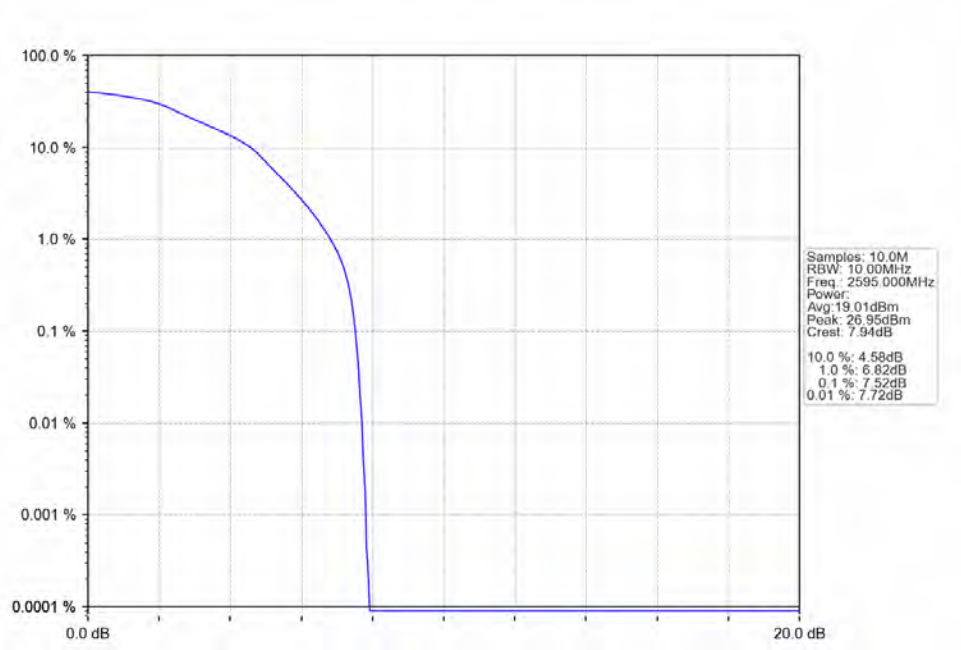
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



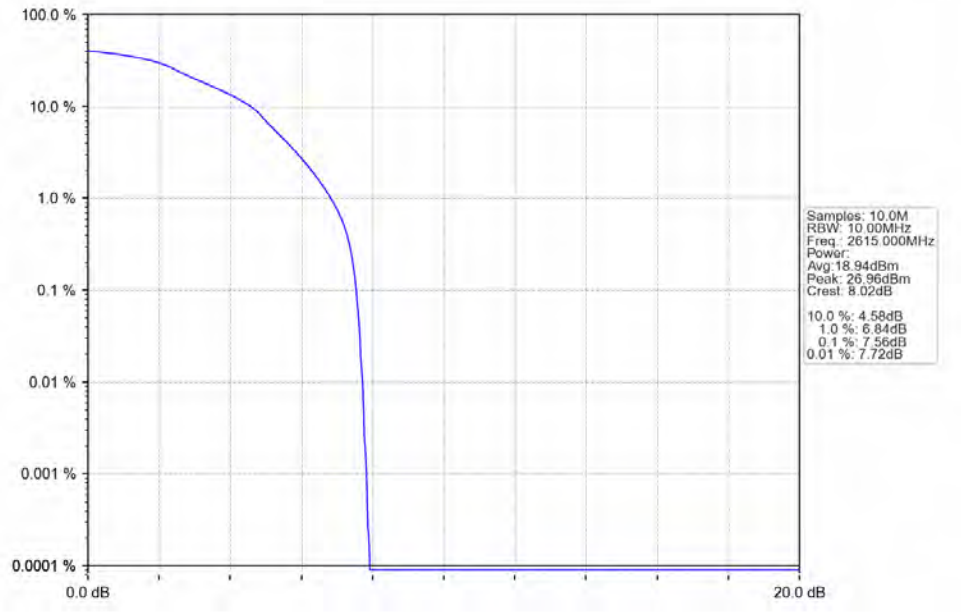
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



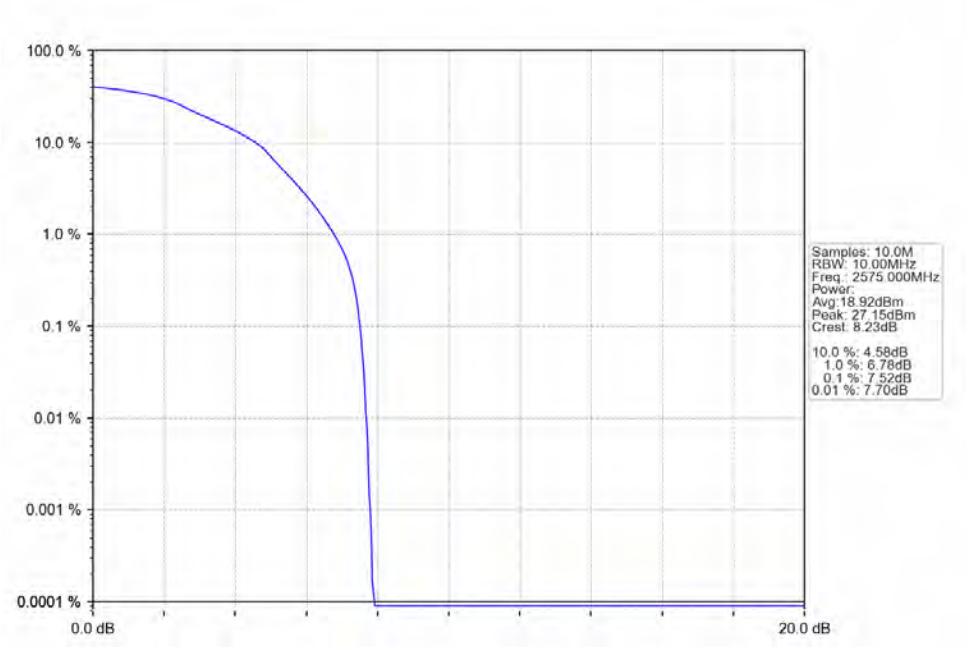
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



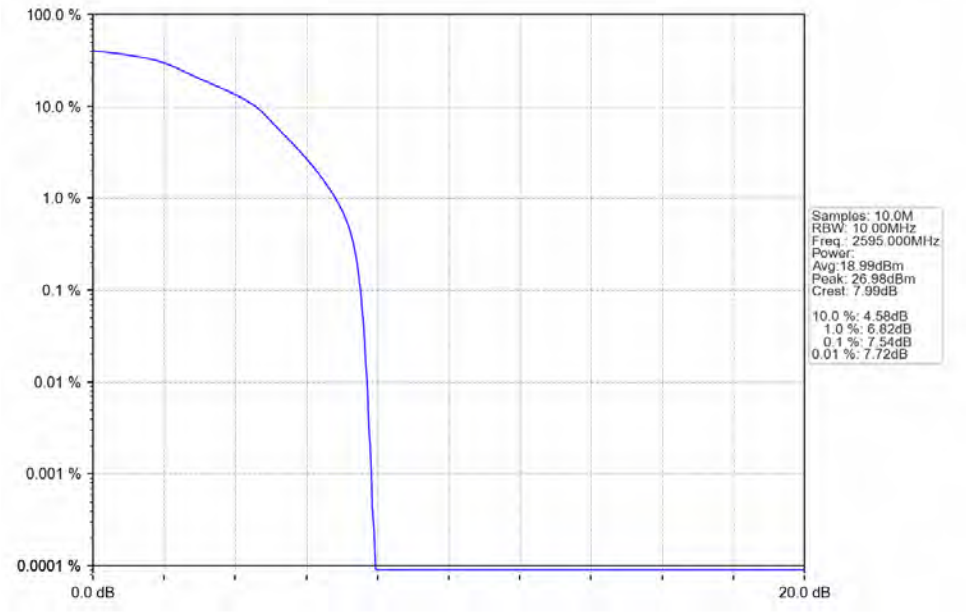
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



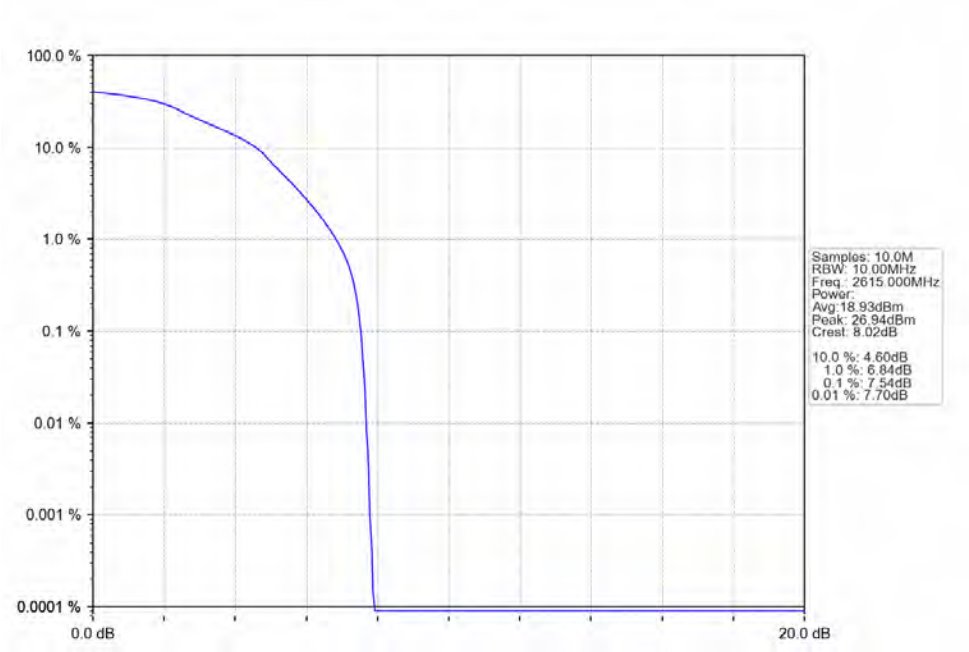
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV

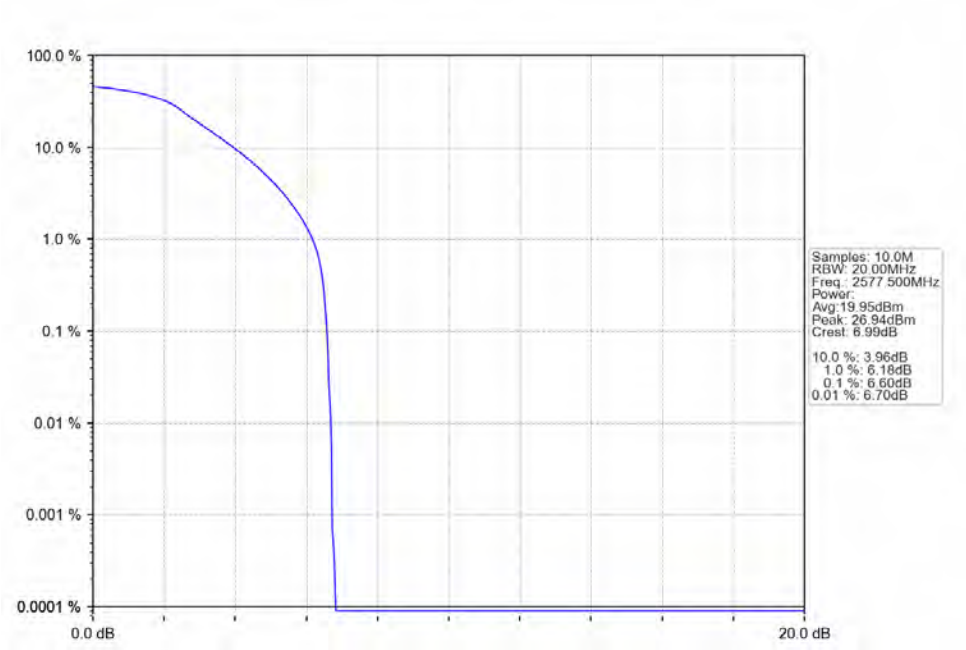


Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV

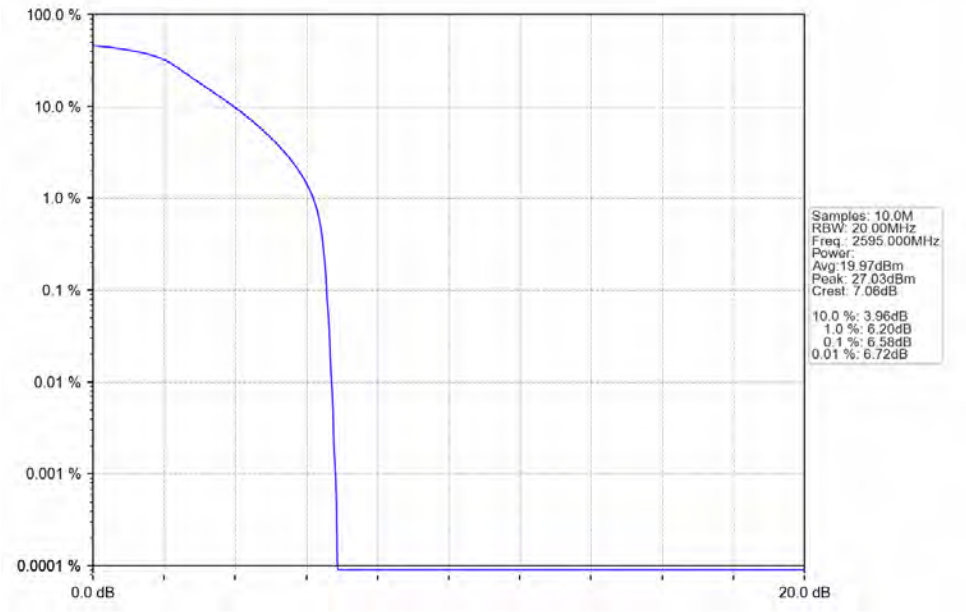


B38_15MHz

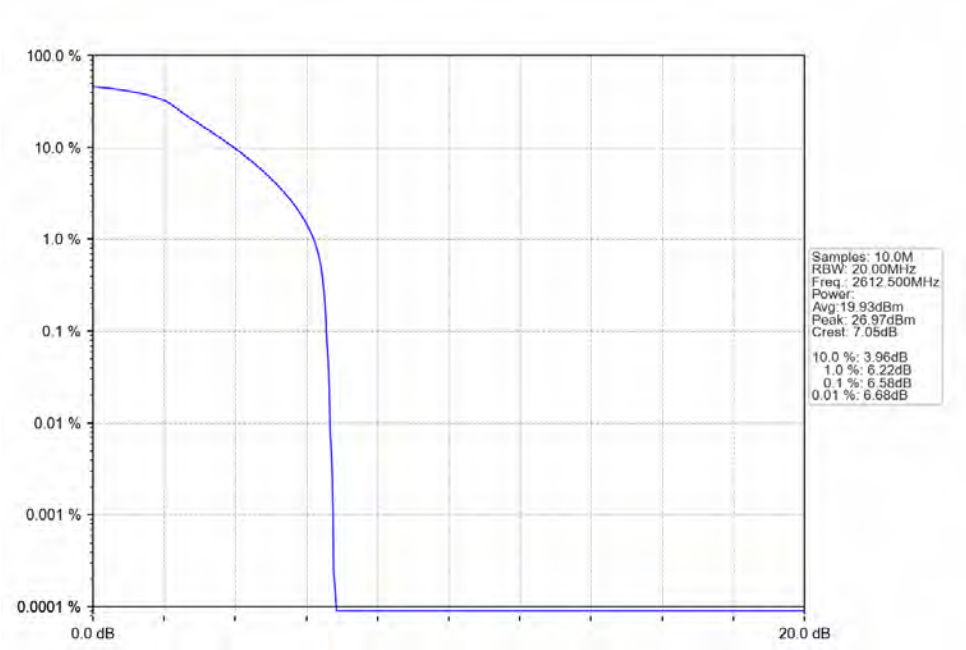
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



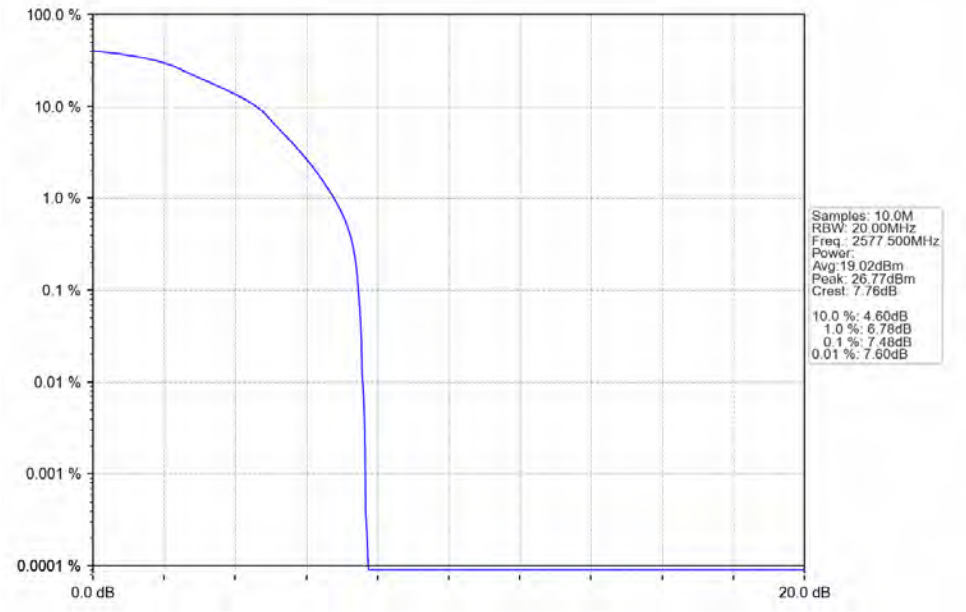
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



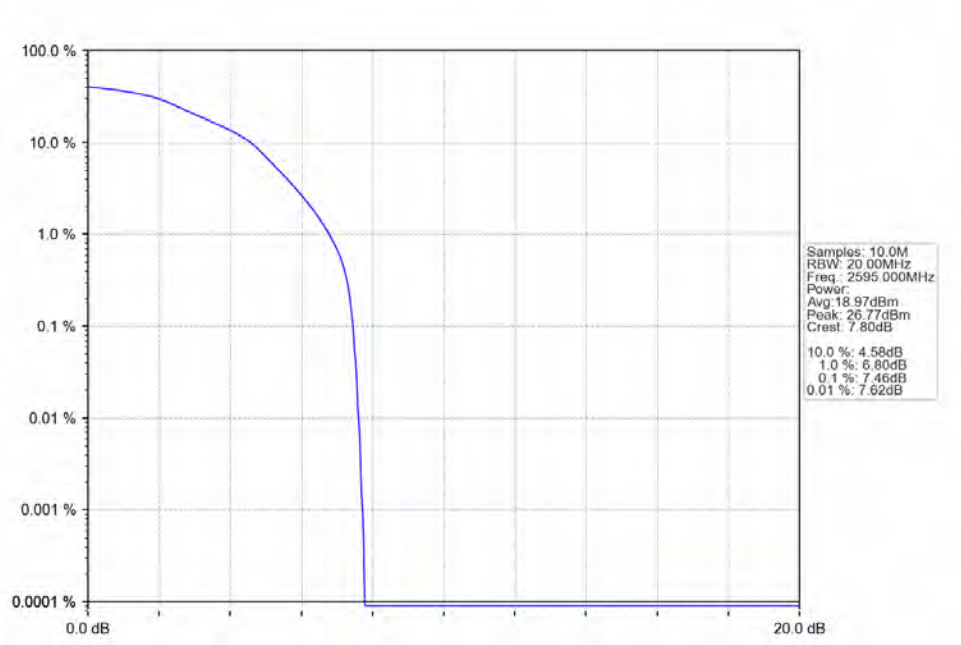
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



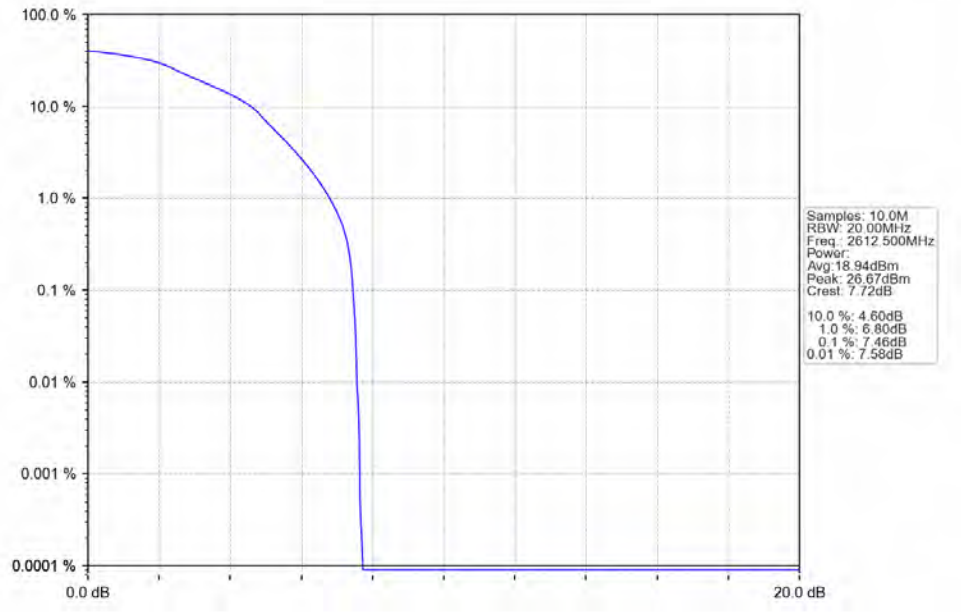
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



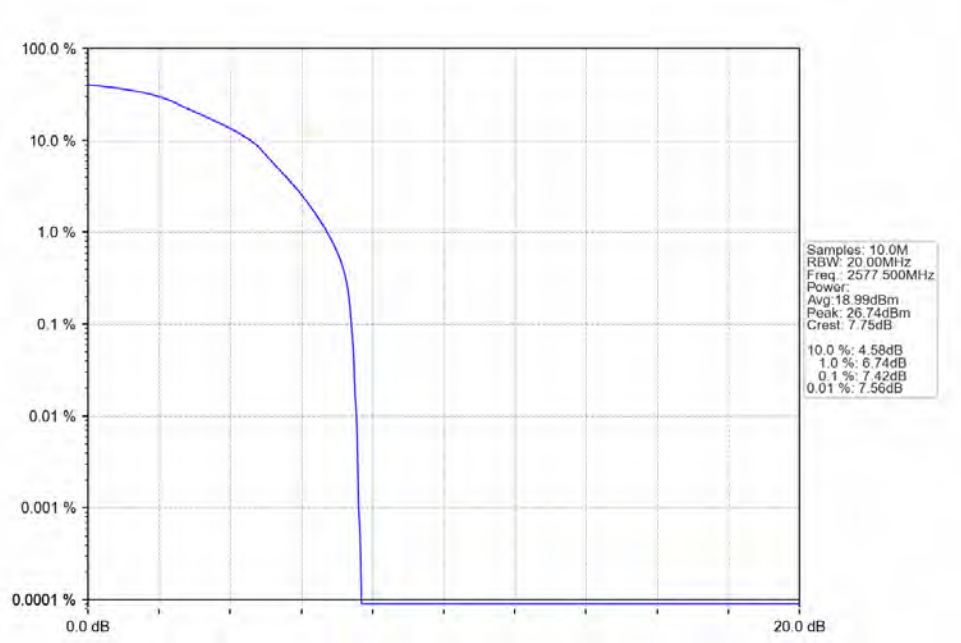
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



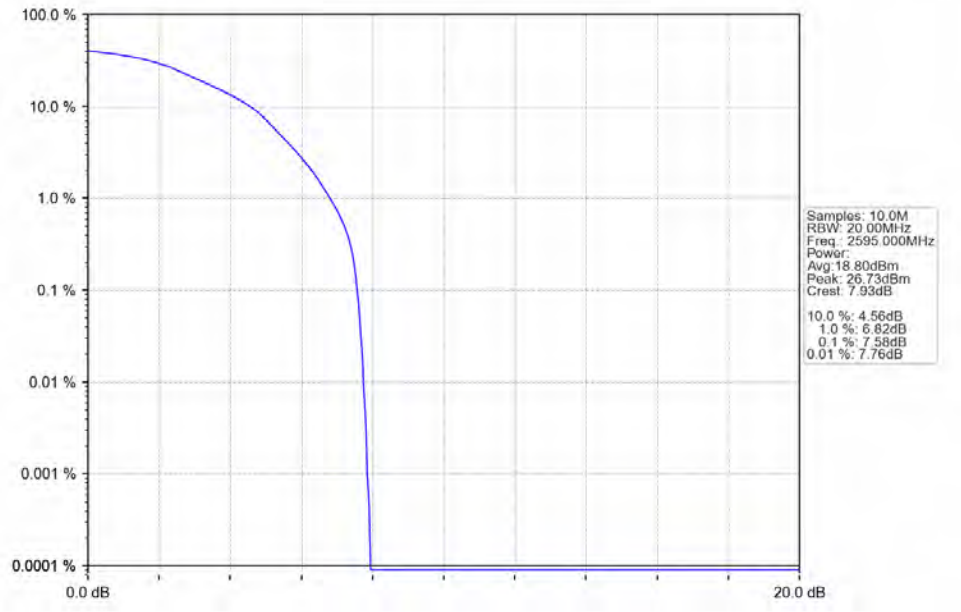
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



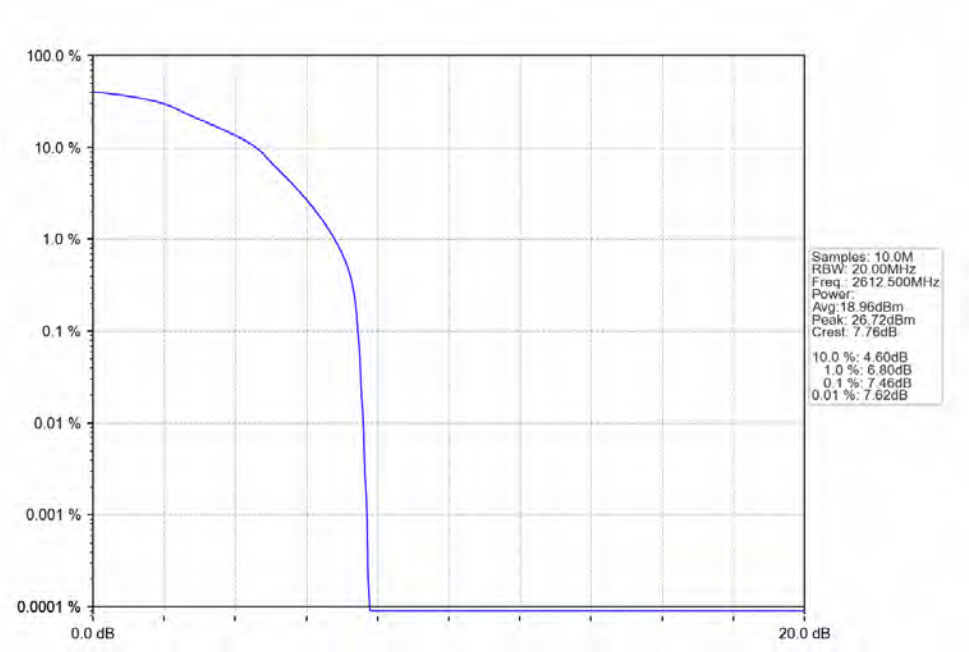
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV

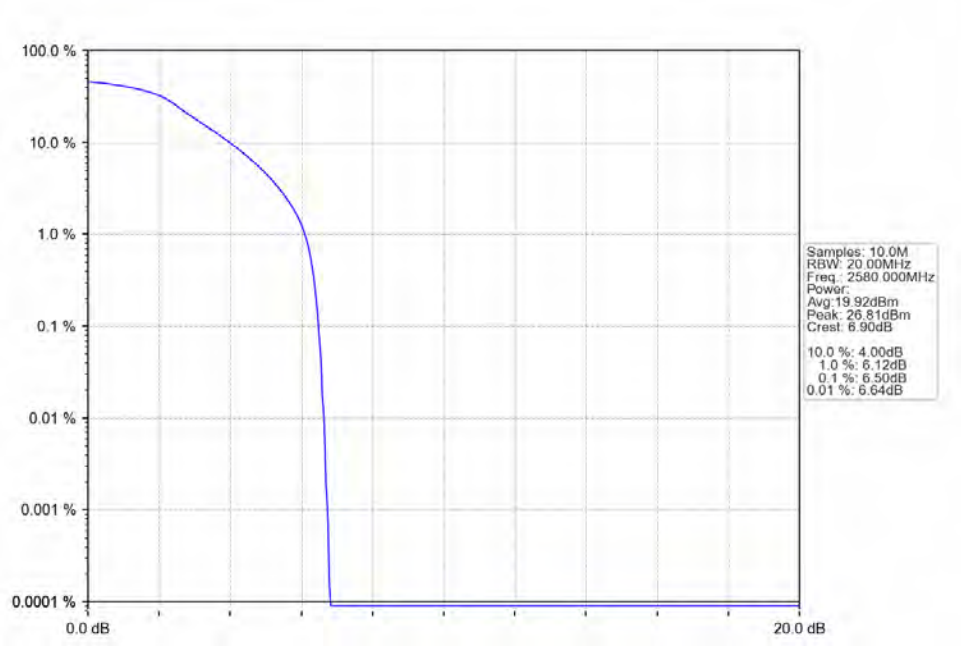


Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV

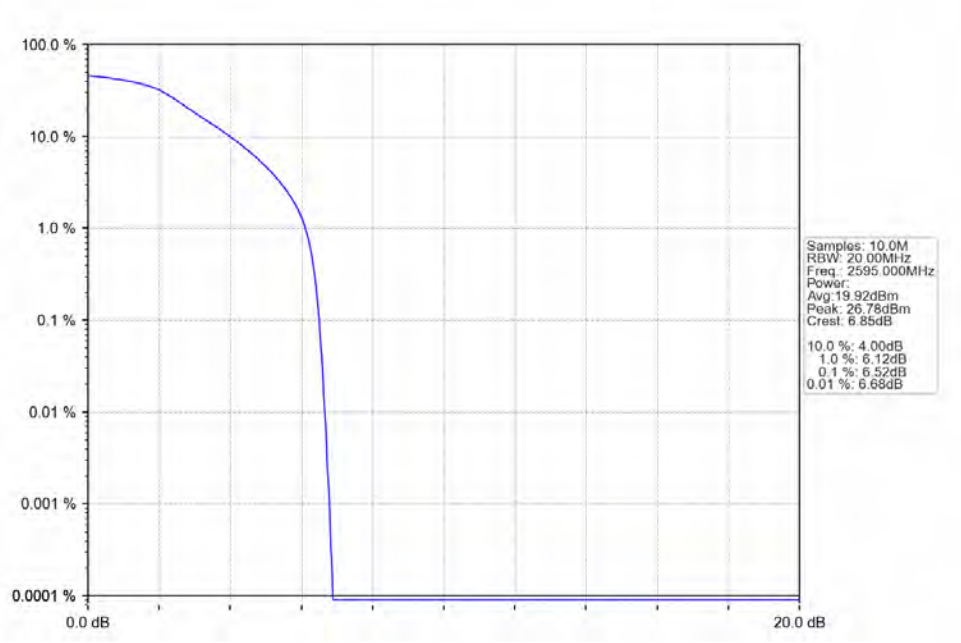


B38_20MHz

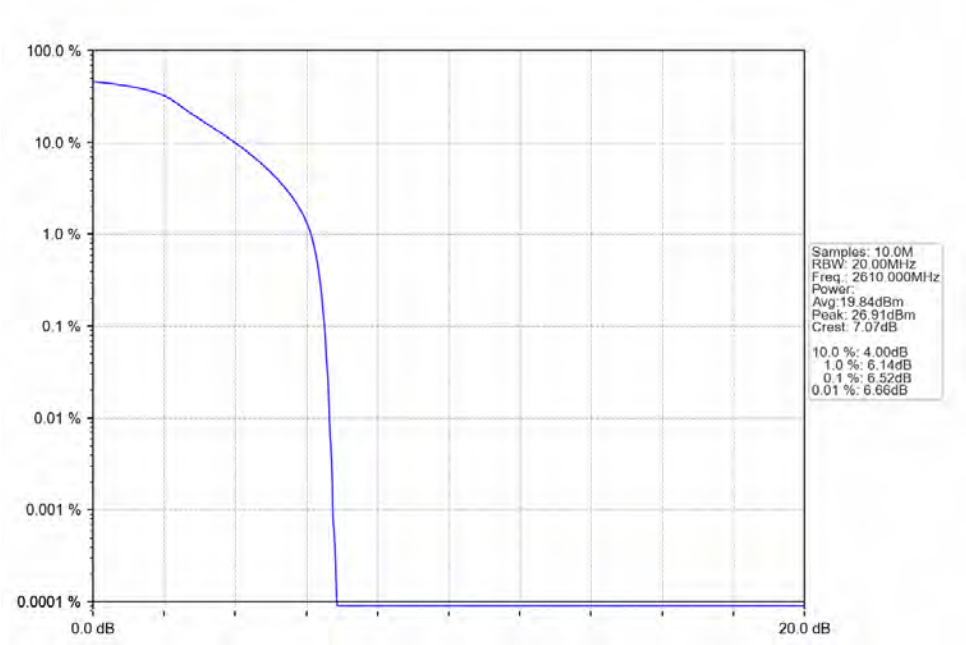
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



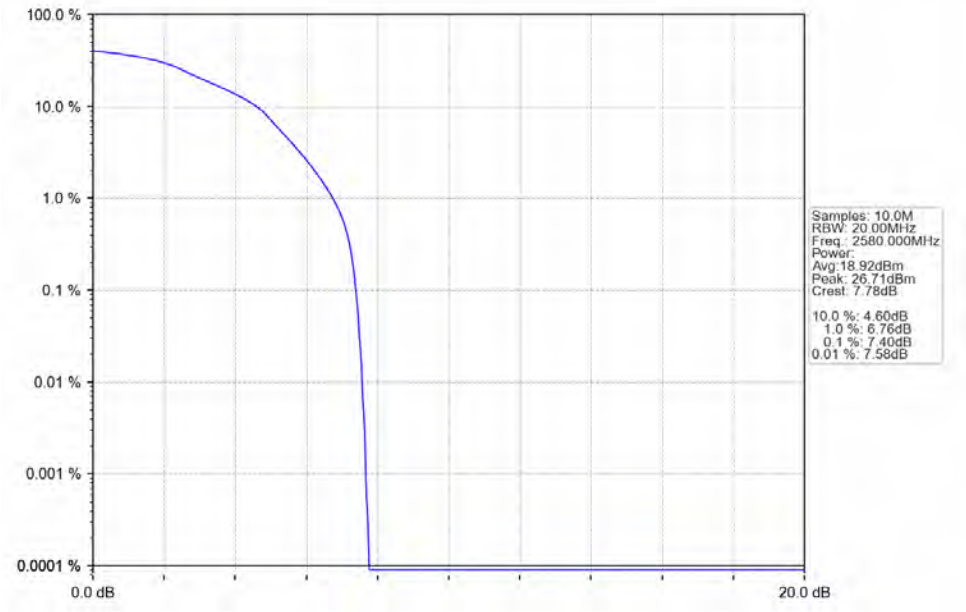
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



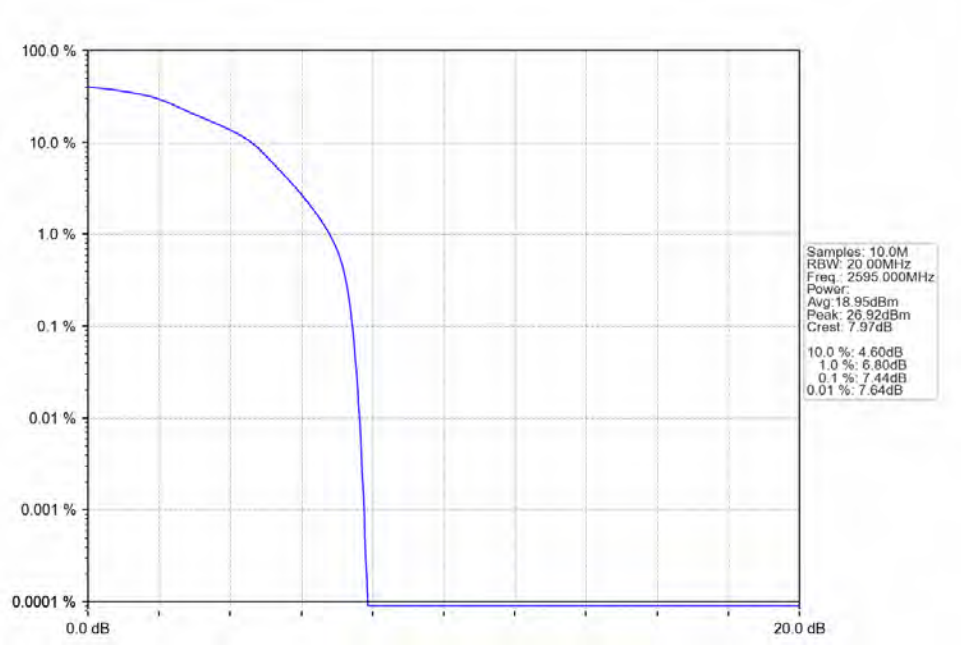
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



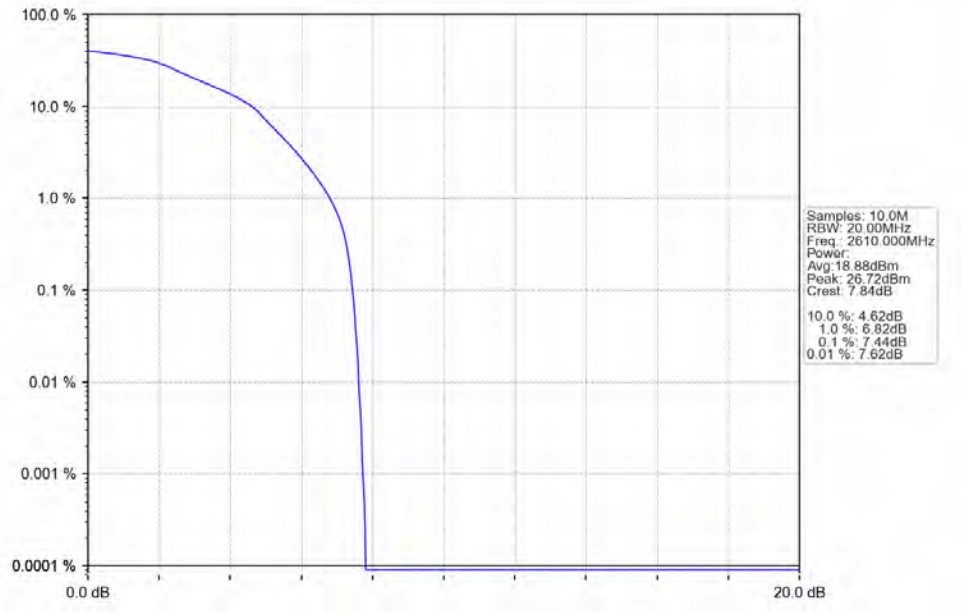
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



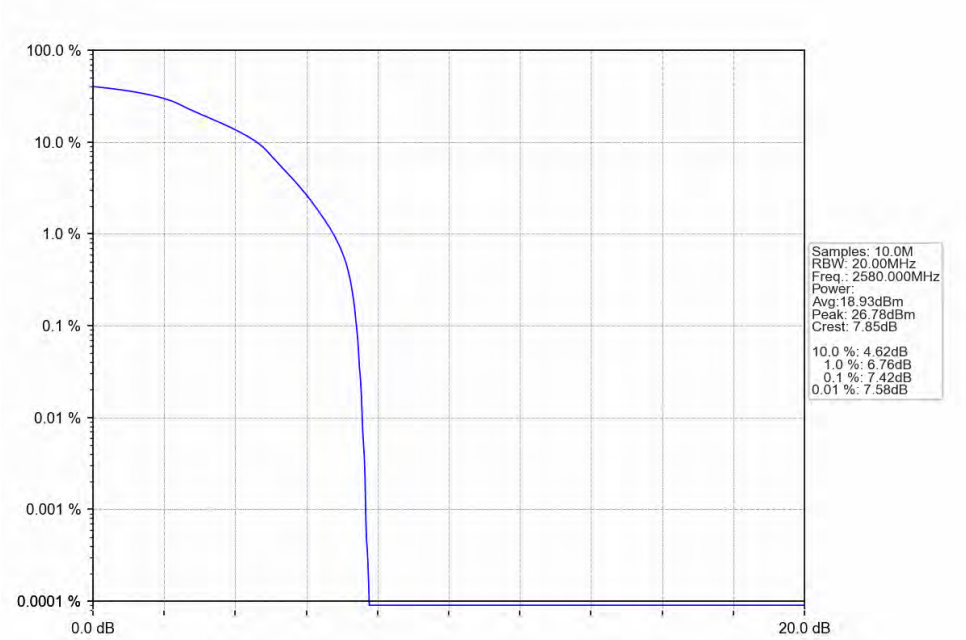
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



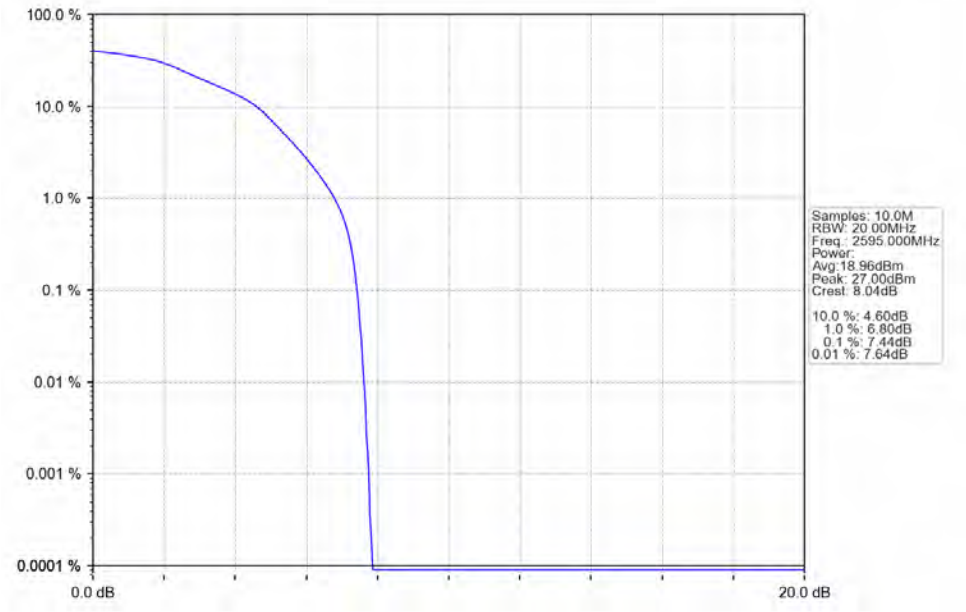
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



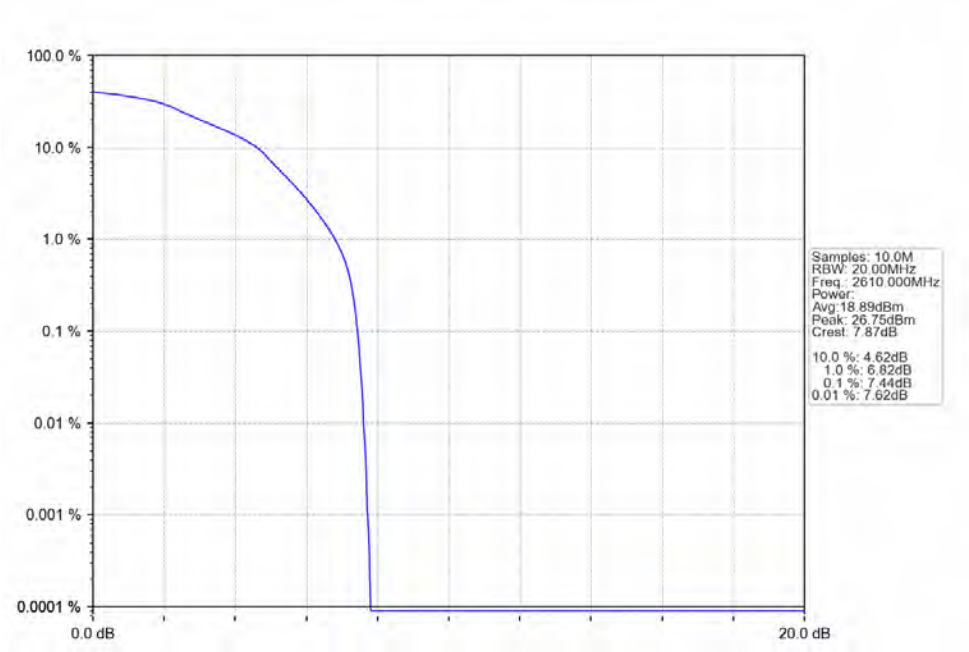
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

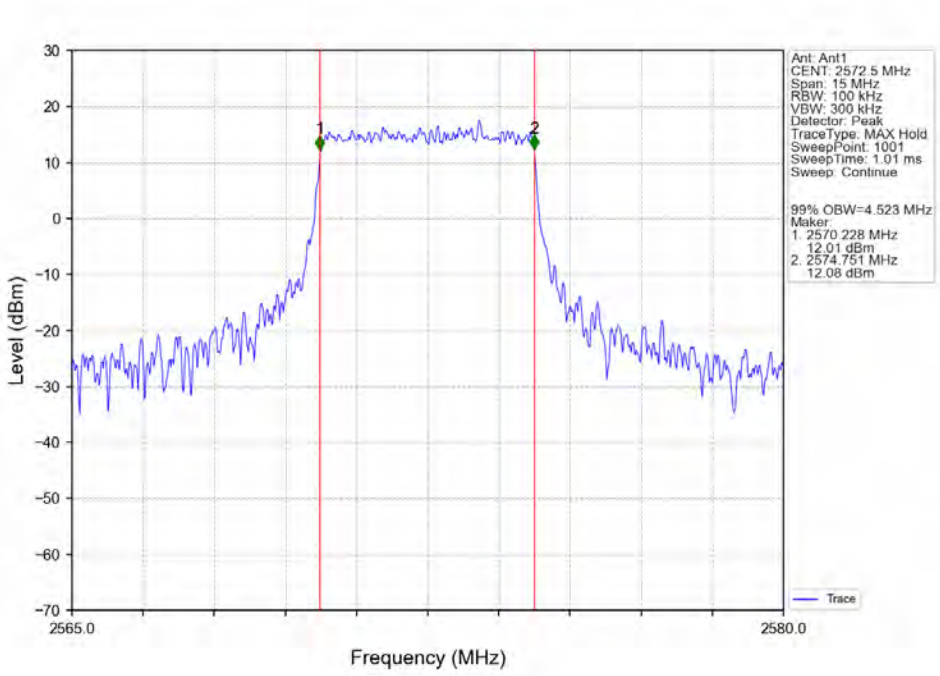
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.523	/	Pass
		2595	25	0	4.524	/	Pass
		2617.5	25	0	4.533	/	Pass
	16QAM	2572.5	25	0	4.524	/	Pass
		2595	25	0	4.513	/	Pass
		2617.5	25	0	4.524	/	Pass
	64QAM	2572.5	25	0	4.514	/	Pass
		2595	25	0	4.503	/	Pass
		2617.5	25	0	4.526	/	Pass
10	QPSK	2575	50	0	9.017	/	Pass
		2595	50	0	8.982	/	Pass
		2615	50	0	9.017	/	Pass
	16QAM	2575	50	0	8.993	/	Pass
		2595	50	0	9.011	/	Pass
		2615	50	0	9.022	/	Pass
	64QAM	2575	50	0	8.976	/	Pass
		2595	50	0	9.027	/	Pass
		2615	50	0	8.994	/	Pass
15	QPSK	2577.5	75	0	13.539	/	Pass
		2595	75	0	13.487	/	Pass
		2612.5	75	0	13.510	/	Pass
	16QAM	2577.5	75	0	13.523	/	Pass
		2595	75	0	13.456	/	Pass
		2612.5	75	0	13.470	/	Pass
	64QAM	2577.5	75	0	13.495	/	Pass
		2595	75	0	13.490	/	Pass
		2612.5	75	0	13.483	/	Pass
20	QPSK	2580	100	0	18.071	/	Pass
		2595	100	0	18.018	/	Pass
		2610	100	0	18.016	/	Pass
	16QAM	2580	100	0	17.948	/	Pass
		2595	100	0	17.986	/	Pass
		2610	100	0	18.023	/	Pass
	64QAM	2580	100	0	18.009	/	Pass
		2595	100	0	17.993	/	Pass
		2610	100	0	18.077	/	Pass

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.261	/	Pass
		2595	25	0	5.457	/	Pass
		2617.5	25	0	5.447	/	Pass
	16QAM	2572.5	25	0	5.261	/	Pass
		2595	25	0	5.337	/	Pass
		2617.5	25	0	5.261	/	Pass
	64QAM	2572.5	25	0	5.596	/	Pass
		2595	25	0	5.229	/	Pass
		2617.5	25	0	5.478	/	Pass
10	QPSK	2575	50	0	10.038	/	Pass
		2595	50	0	10.122	/	Pass
		2615	50	0	10.232	/	Pass
	16QAM	2575	50	0	9.789	/	Pass
		2595	50	0	9.922	/	Pass
		2615	50	0	9.955	/	Pass
	64QAM	2575	50	0	9.936	/	Pass
		2595	50	0	10.166	/	Pass
		2615	50	0	9.936	/	Pass
15	QPSK	2577.5	75	0	14.593	/	Pass
		2595	75	0	14.601	/	Pass
		2612.5	75	0	14.761	/	Pass
	16QAM	2577.5	75	0	15.601	/	Pass
		2595	75	0	14.841	/	Pass
		2612.5	75	0	14.966	/	Pass
	64QAM	2577.5	75	0	14.821	/	Pass
		2595	75	0	14.780	/	Pass
		2612.5	75	0	14.677	/	Pass
20	QPSK	2580	100	0	20.191	/	Pass
		2595	100	0	19.409	/	Pass
		2610	100	0	19.581	/	Pass
	16QAM	2580	100	0	19.612	/	Pass
		2595	100	0	19.712	/	Pass
		2610	100	0	20.938	/	Pass
	64QAM	2580	100	0	19.431	/	Pass
		2595	100	0	19.474	/	Pass
		2610	100	0	19.538	/	Pass

Test Graphs

Occupied Bandwidth

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV