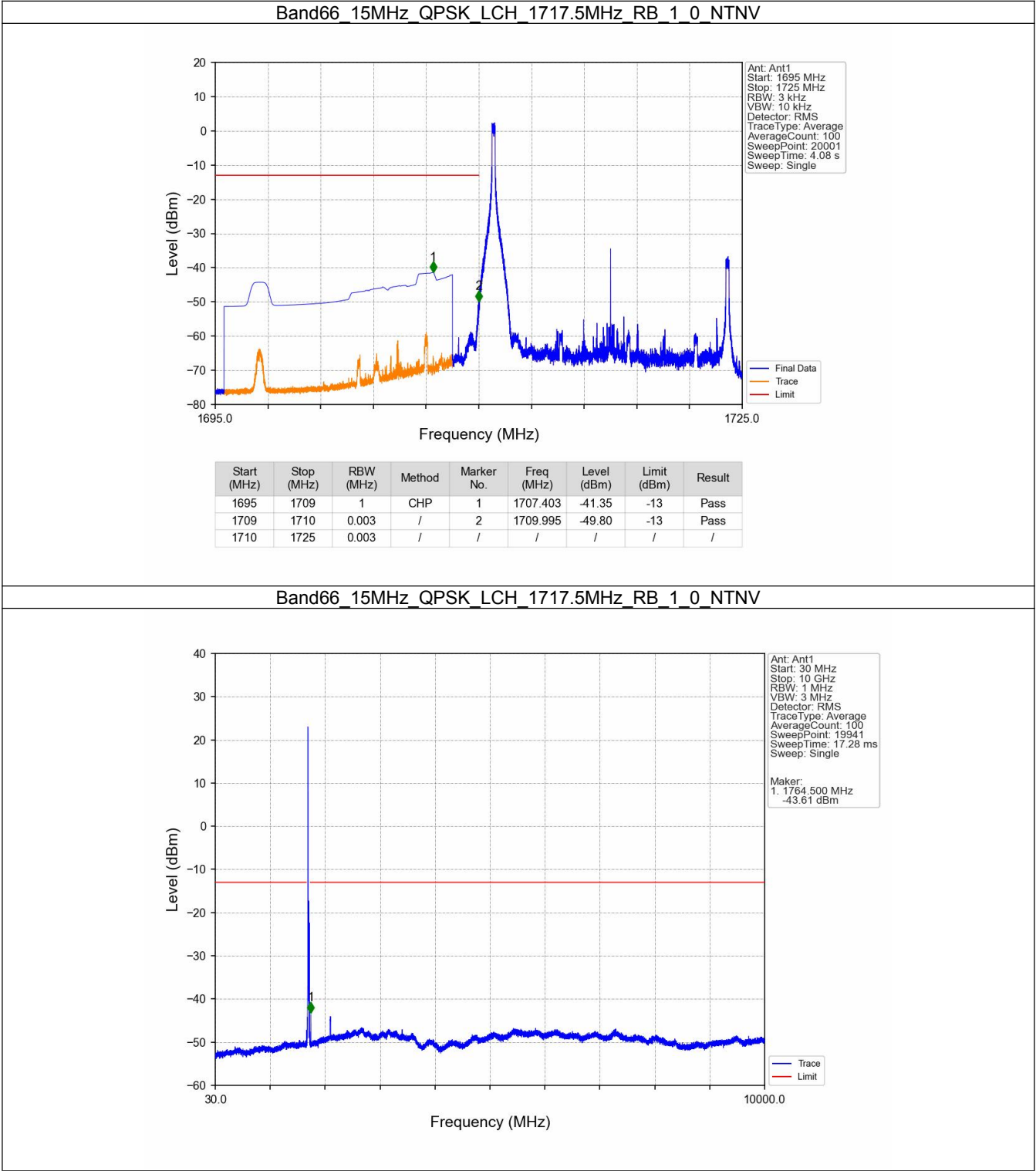
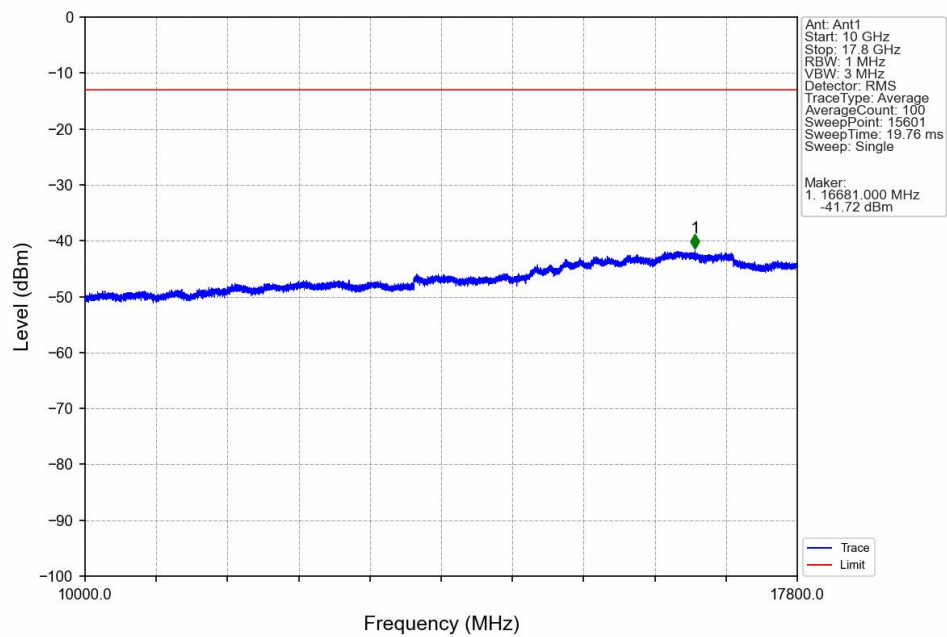


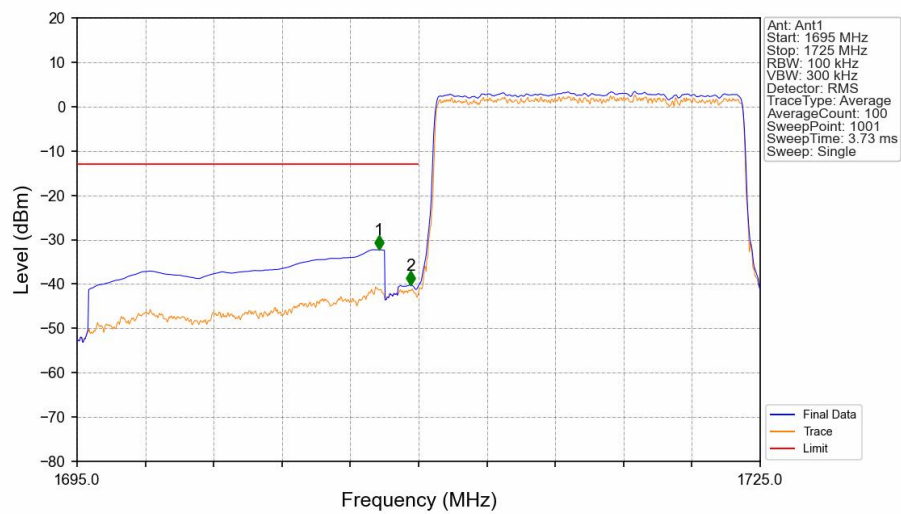
6.2.5 B66_15MHz



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

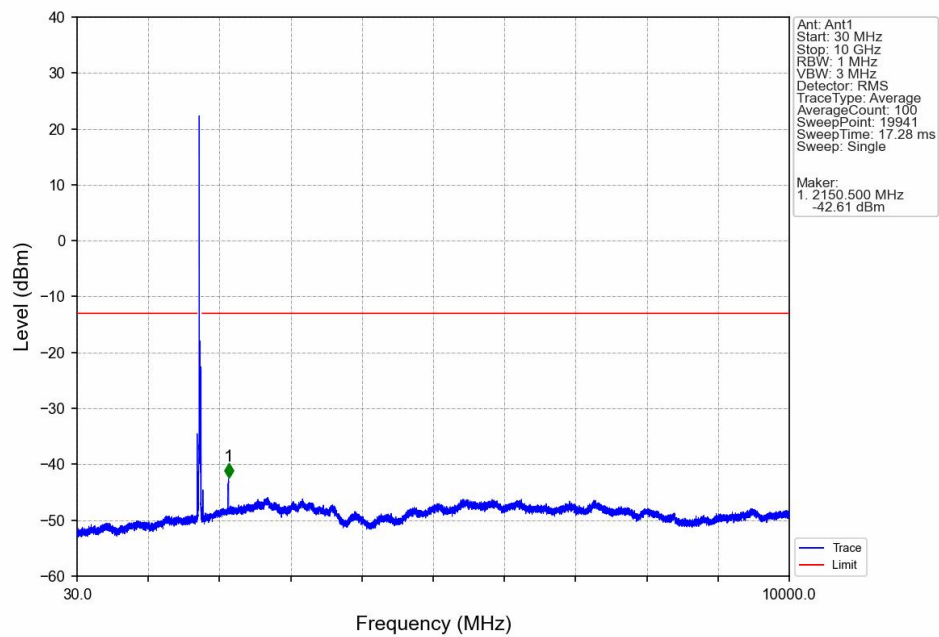


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

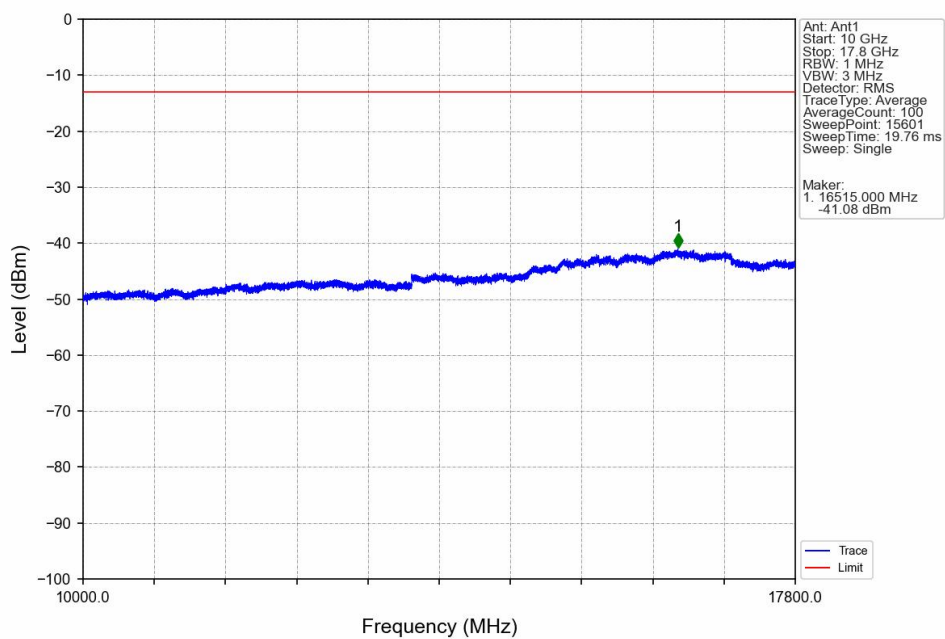


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.260	-32.26	-13	Pass
1709	1710	0.151	CHP	2	1709.640	-40.17	-13	Pass
1710	1725	0.151	CHP	/	/	/	/	/

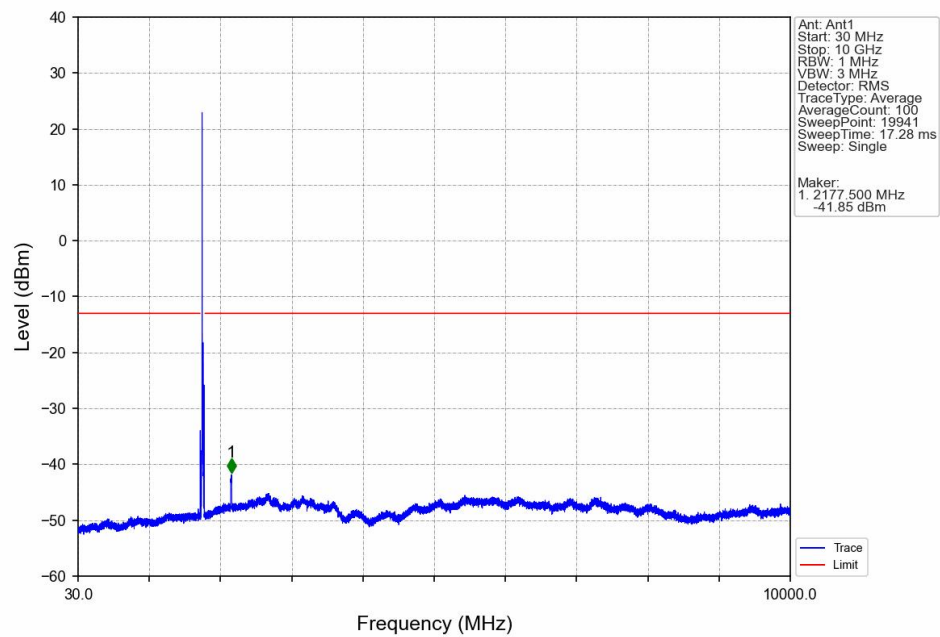
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



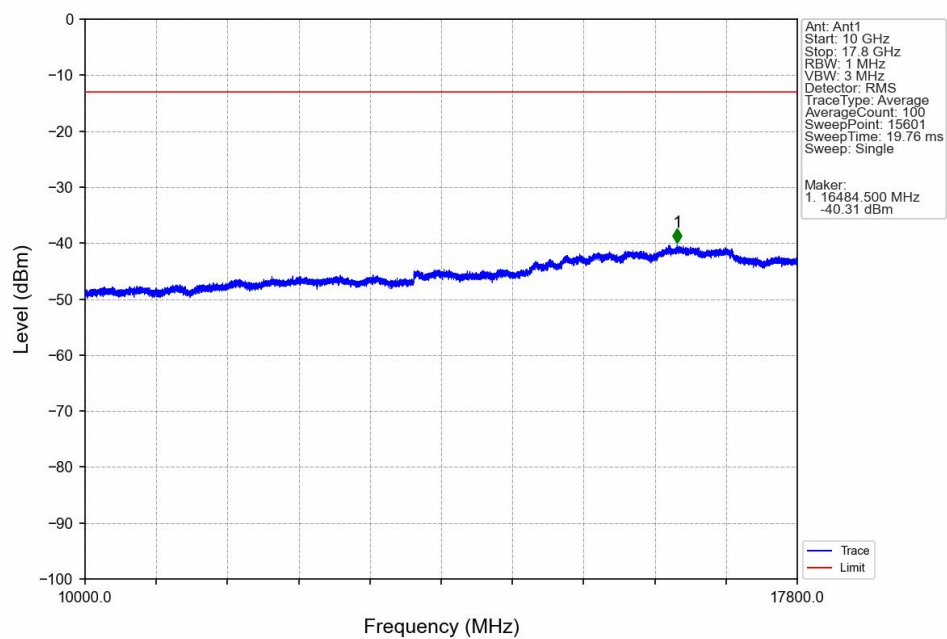
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



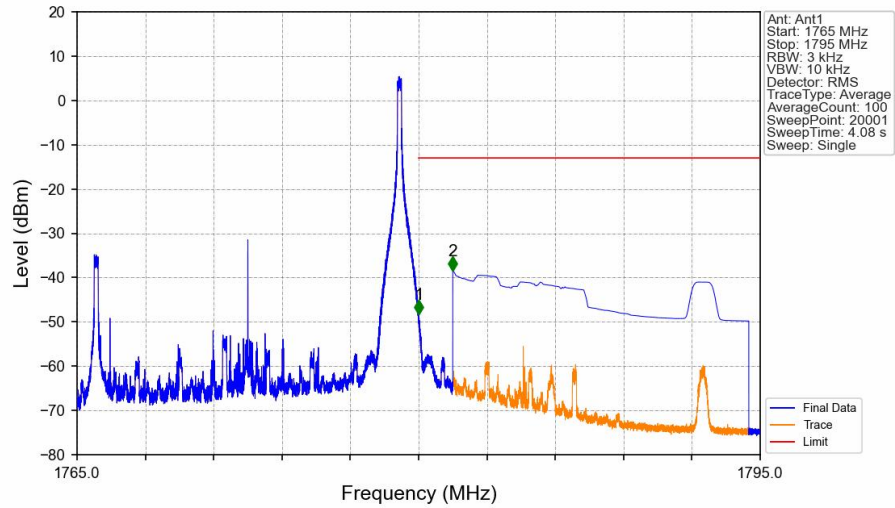
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

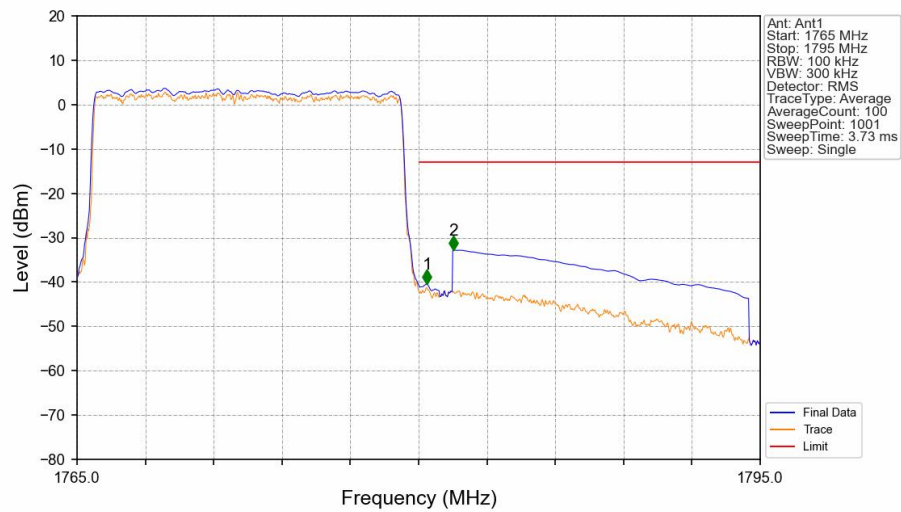


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV

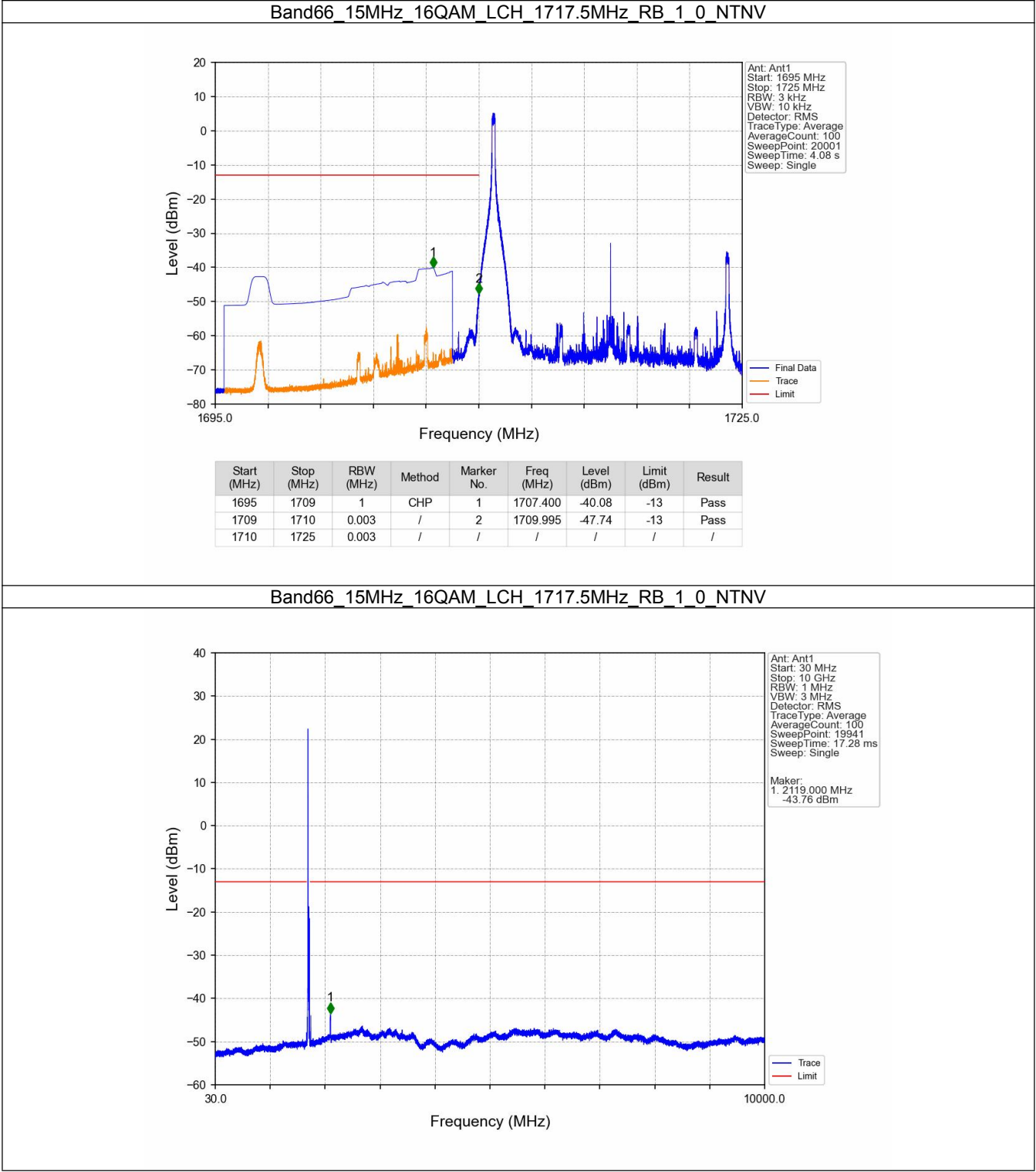


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-48.28	-13	Pass
1781	1795	1	CHP	2	1781.500	-38.43	-13	Pass

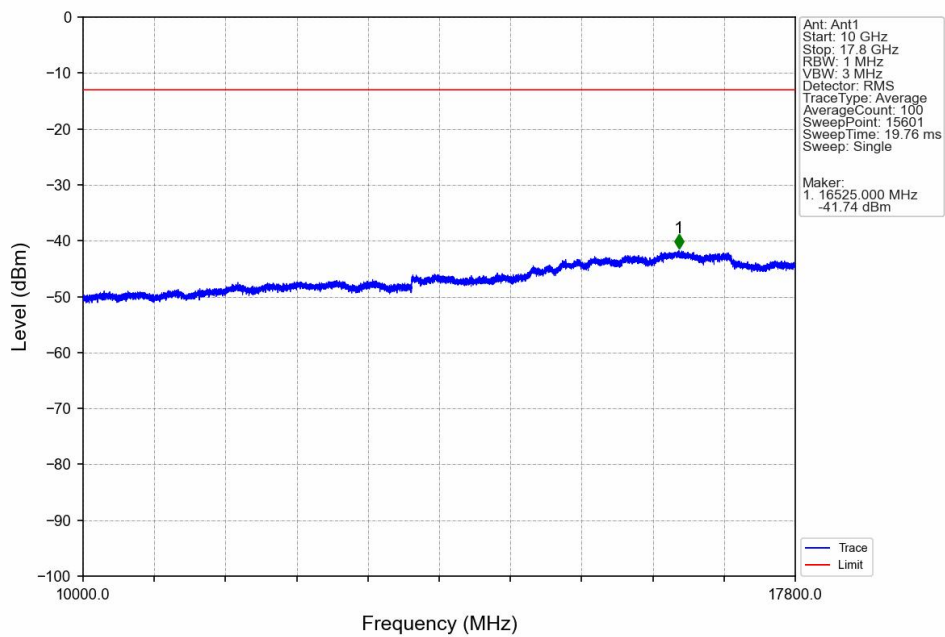
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



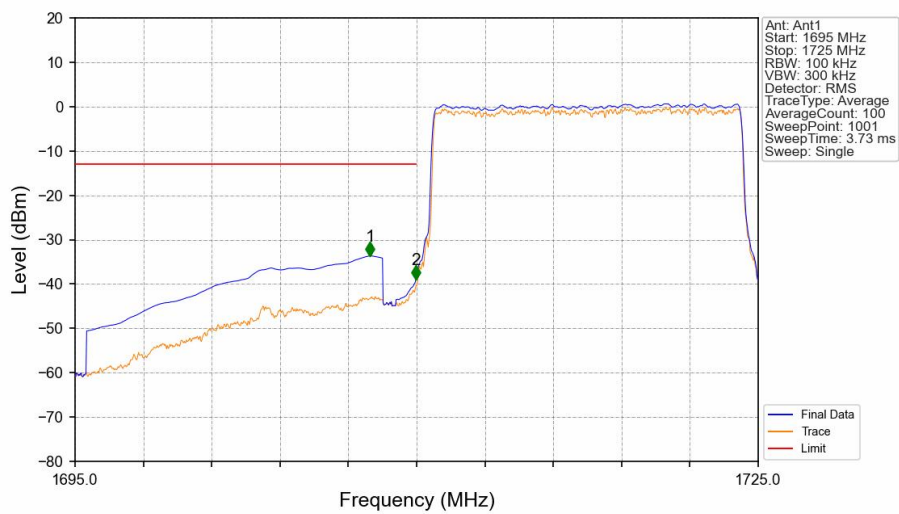
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.149	CHP	/	/	/	/	/
1780	1781	0.149	CHP	1	1780.360	-40.48	-13	Pass
1781	1795	1	CHP	2	1781.530	-32.83	-13	Pass



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

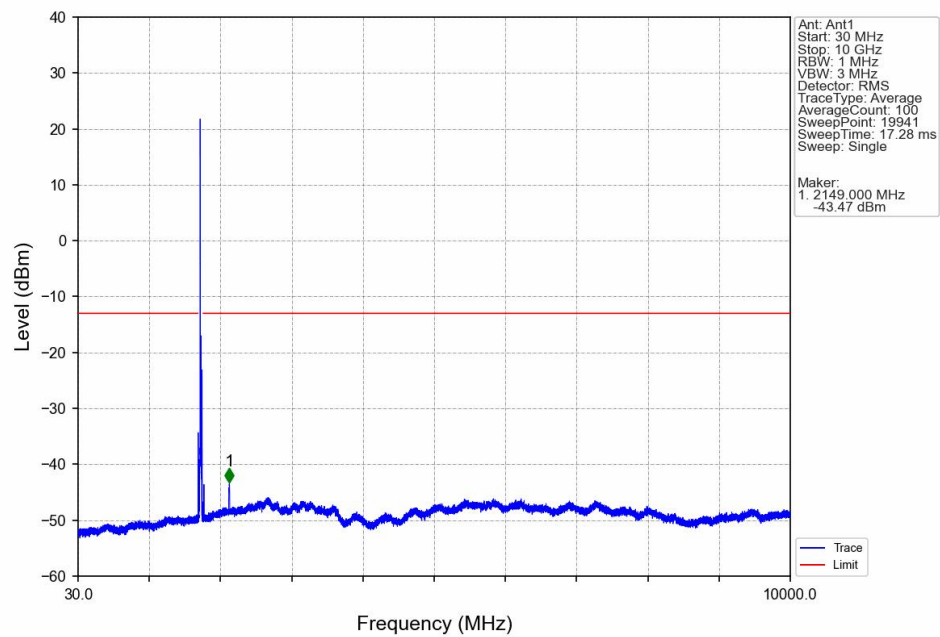


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

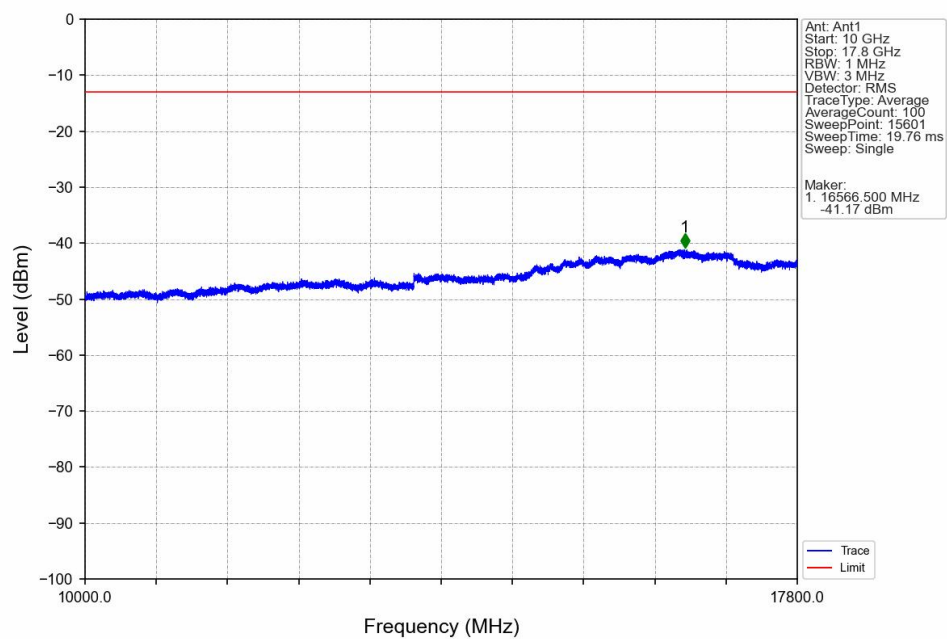


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.960	-33.66	-13	Pass
1709	1710	0.149	CHP	2	1709.970	-38.94	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

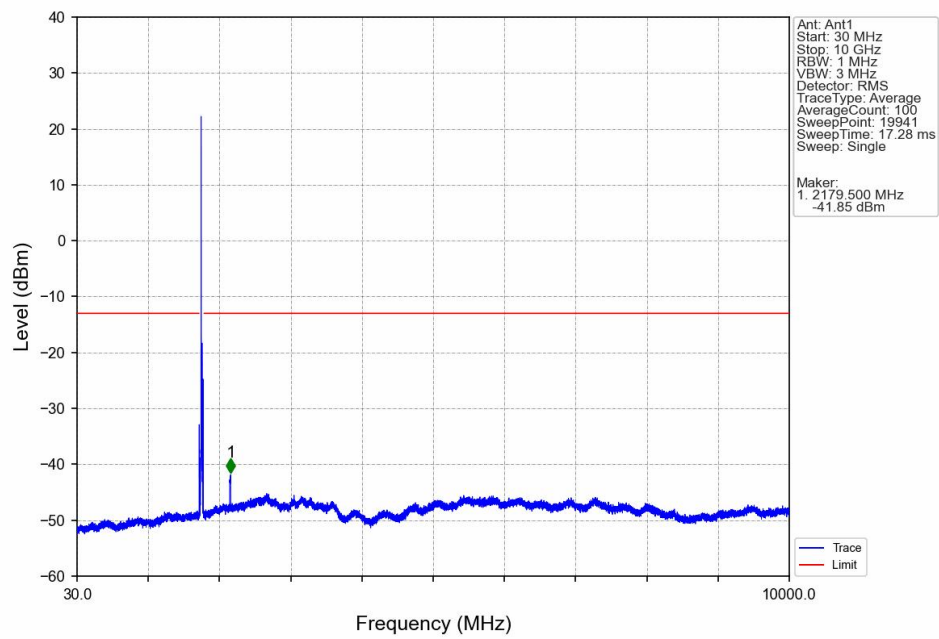
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



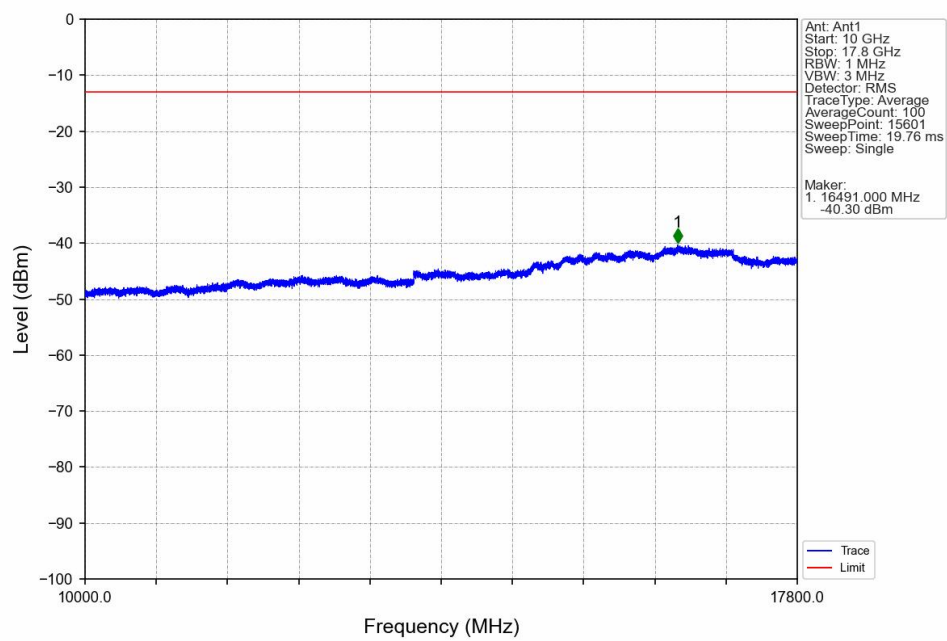
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



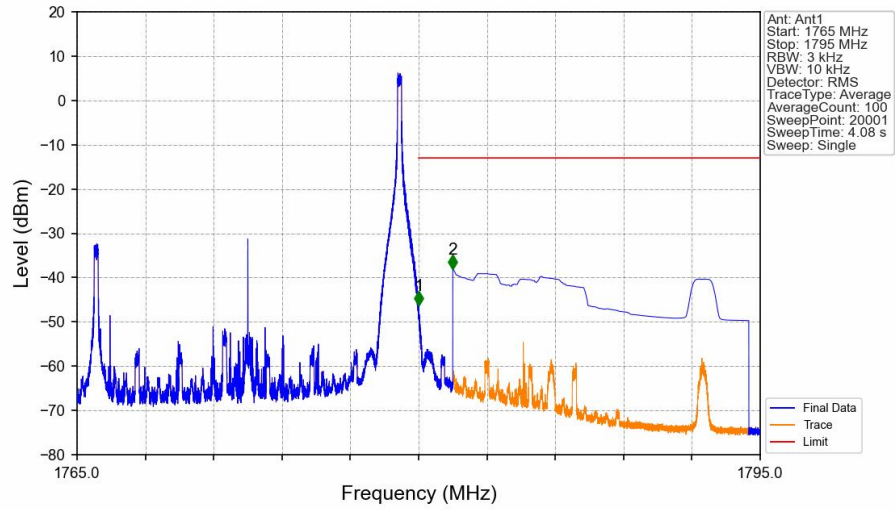
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



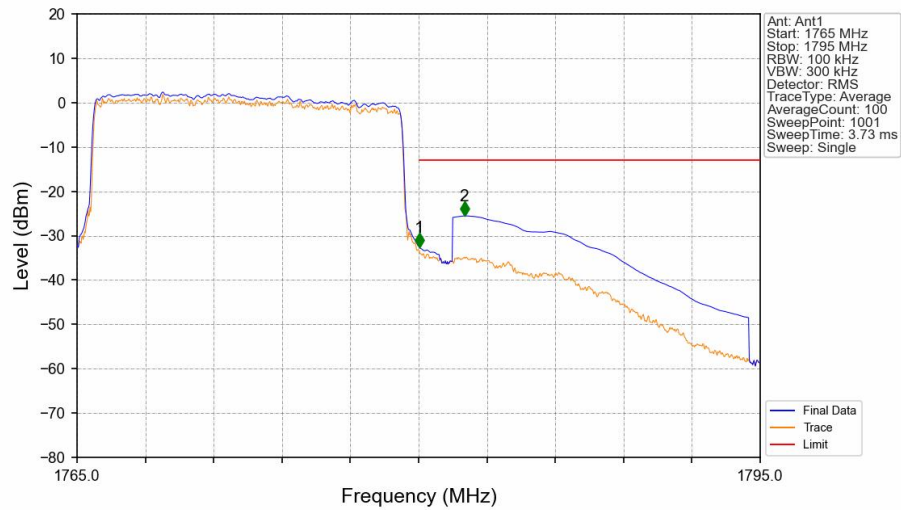
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



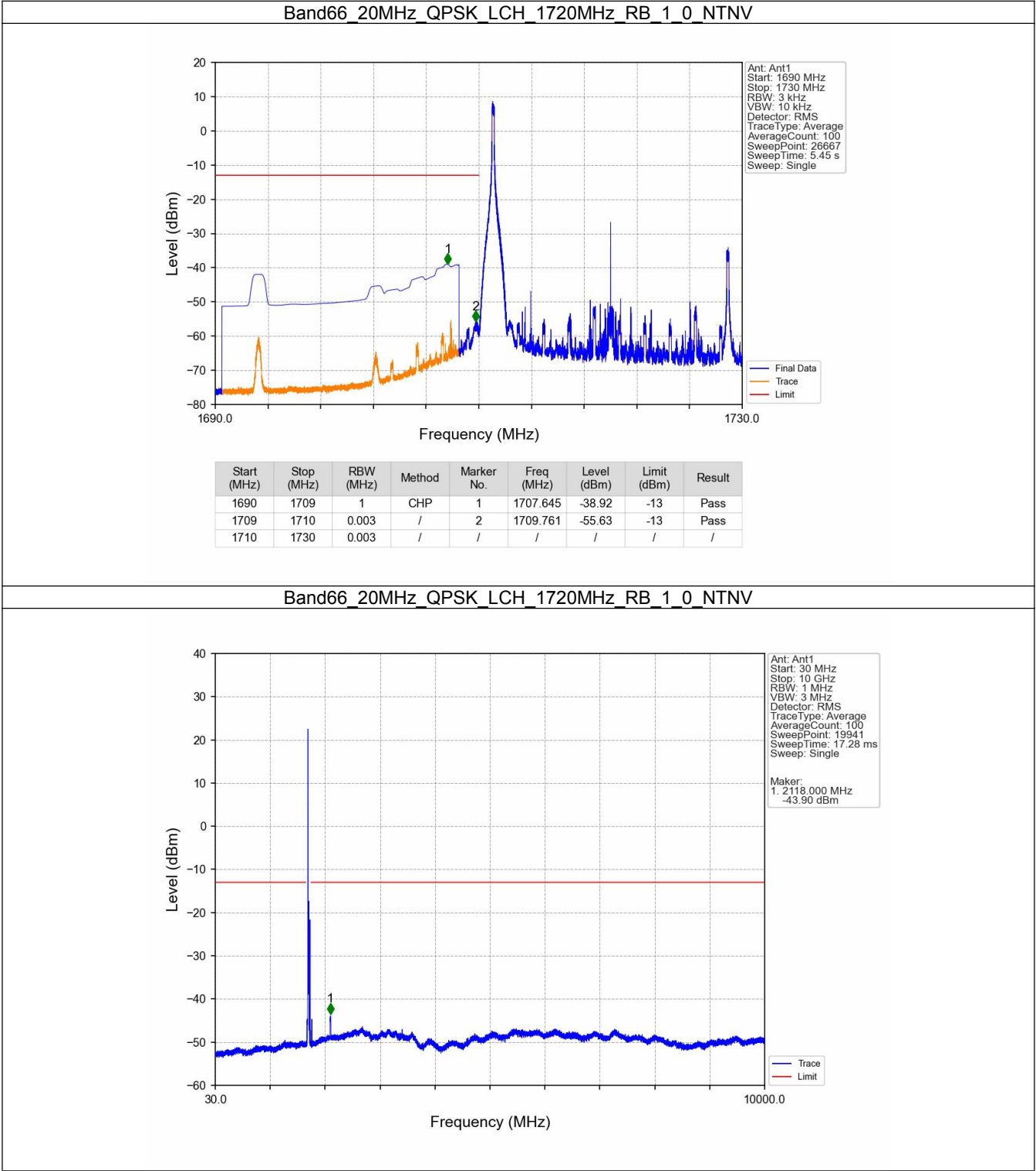
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



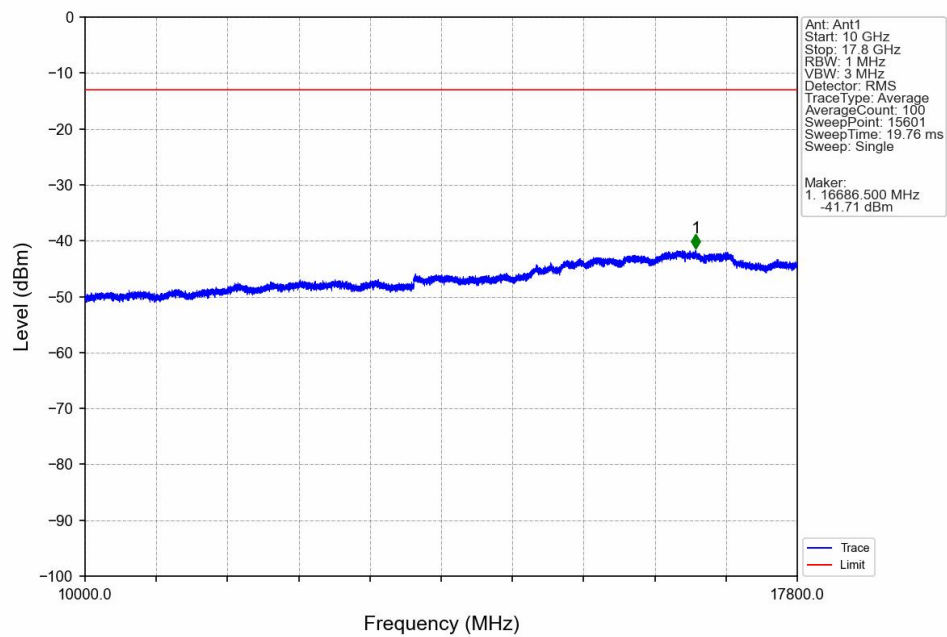
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



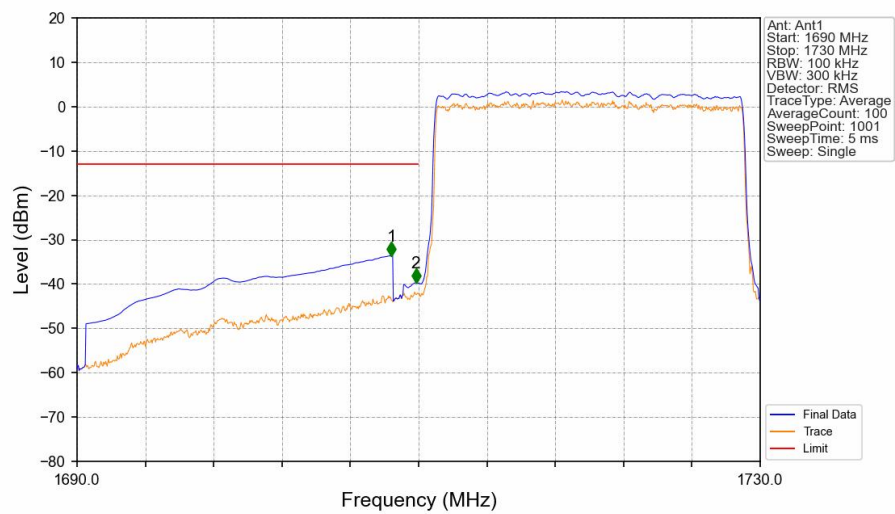
6.2.6 B66_20MHz



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

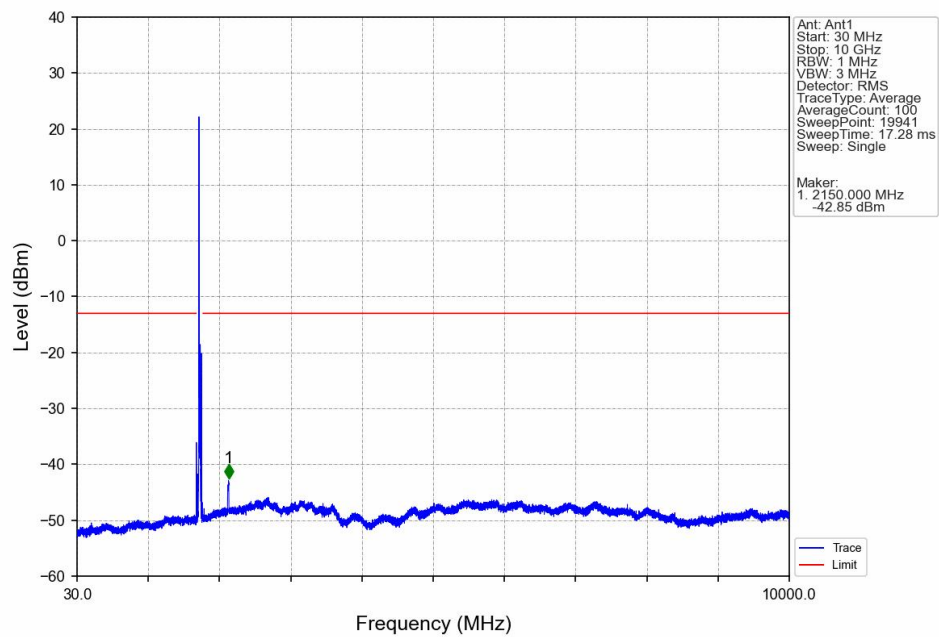


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

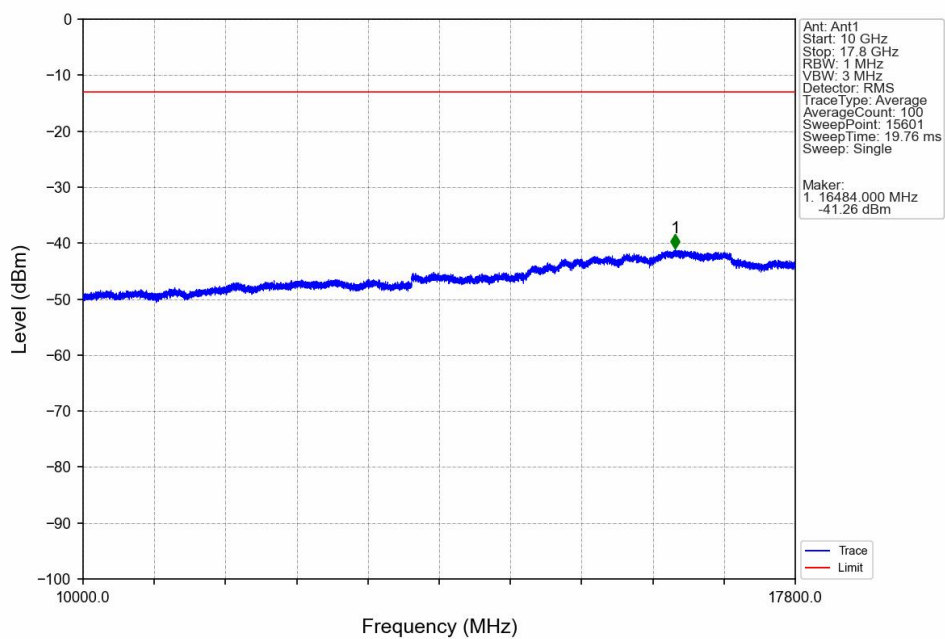


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-33.63	-13	Pass
1709	1710	0.198	CHP	2	1709.840	-39.71	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

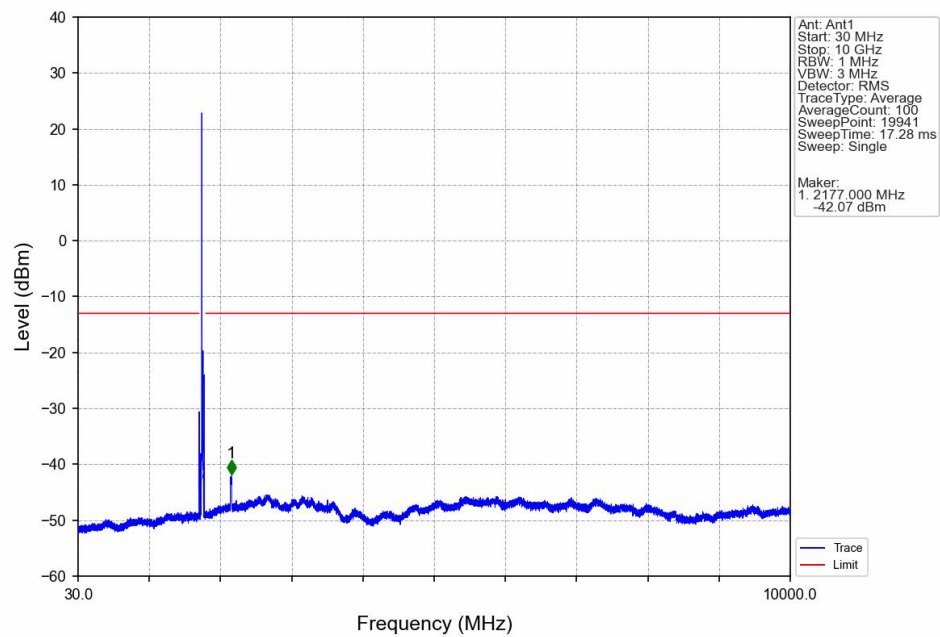
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



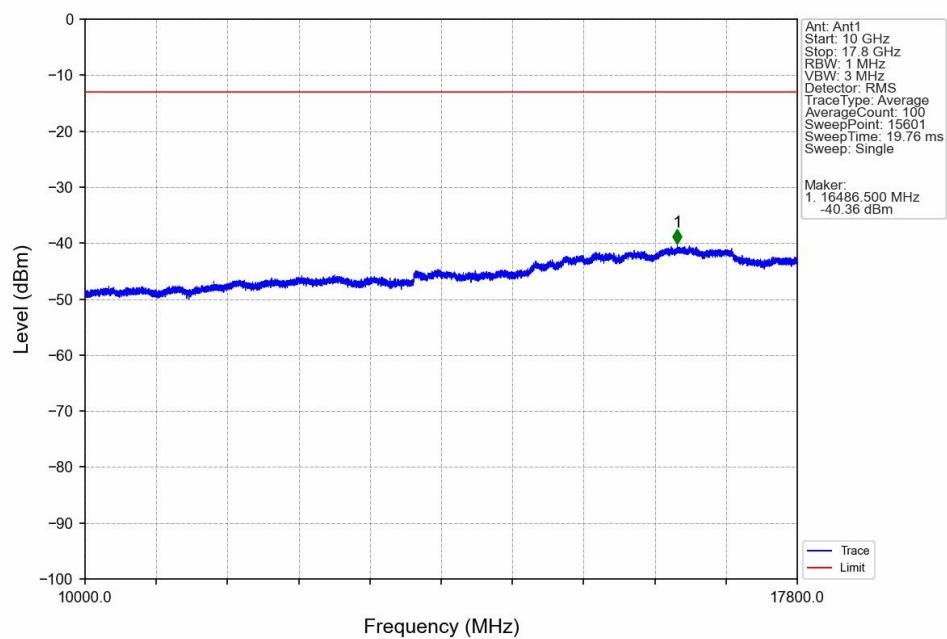
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



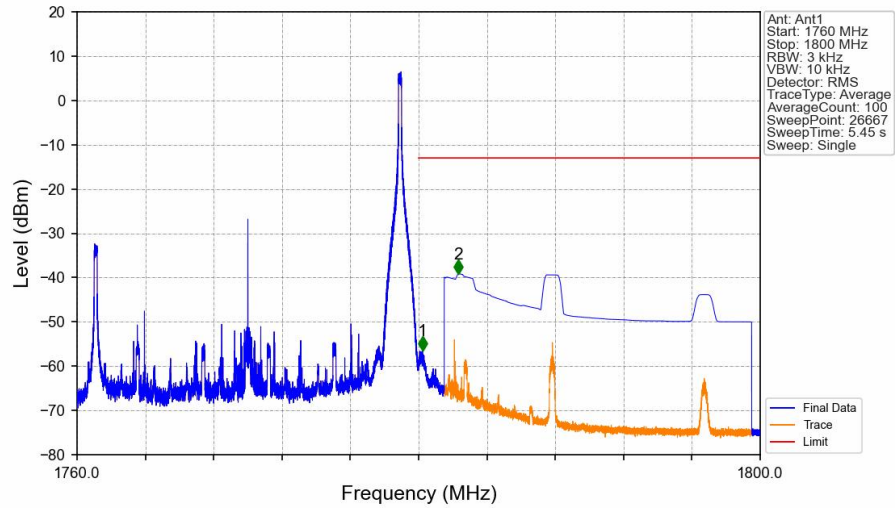
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



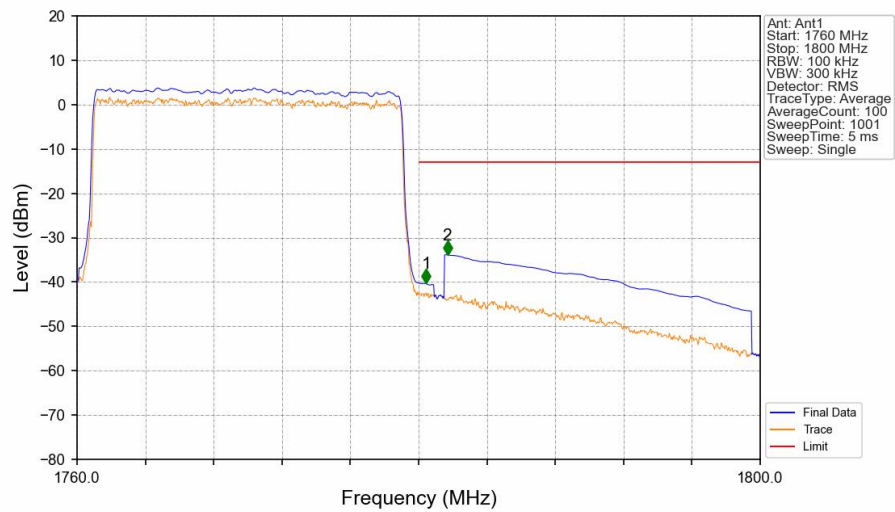
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



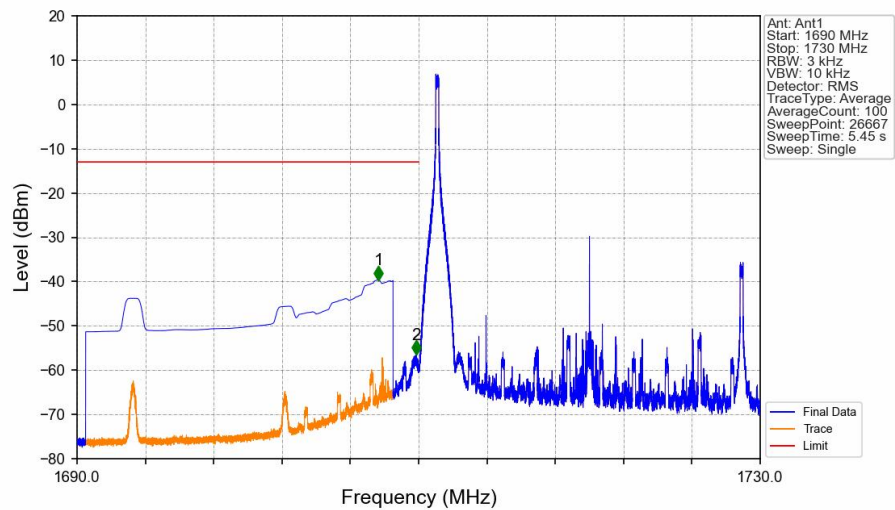
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



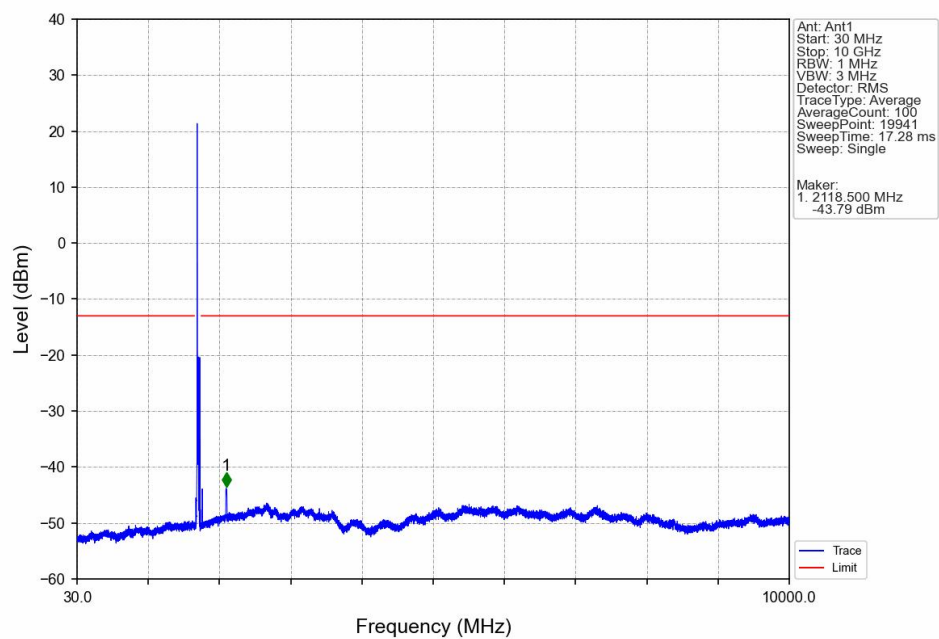
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



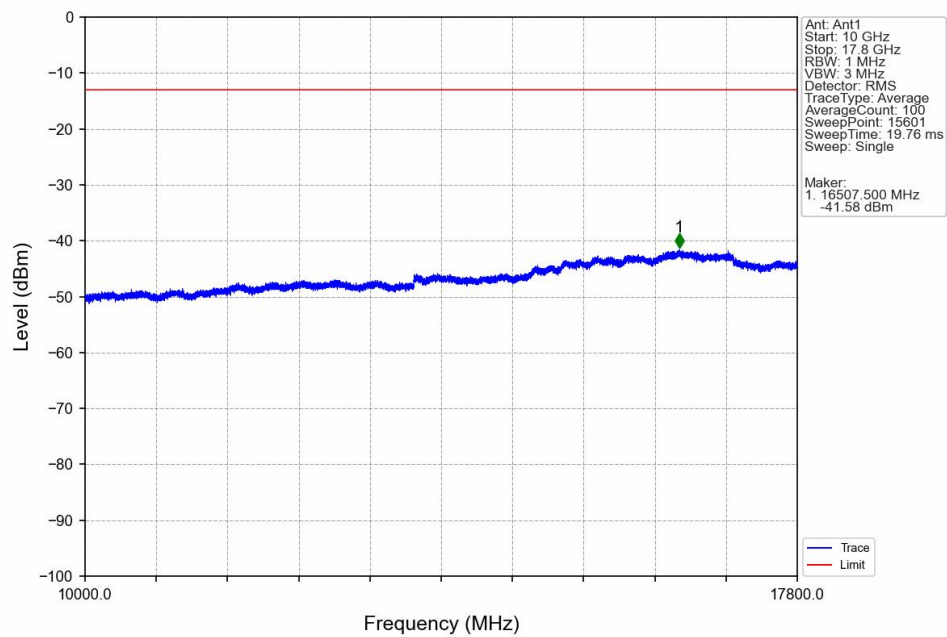
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



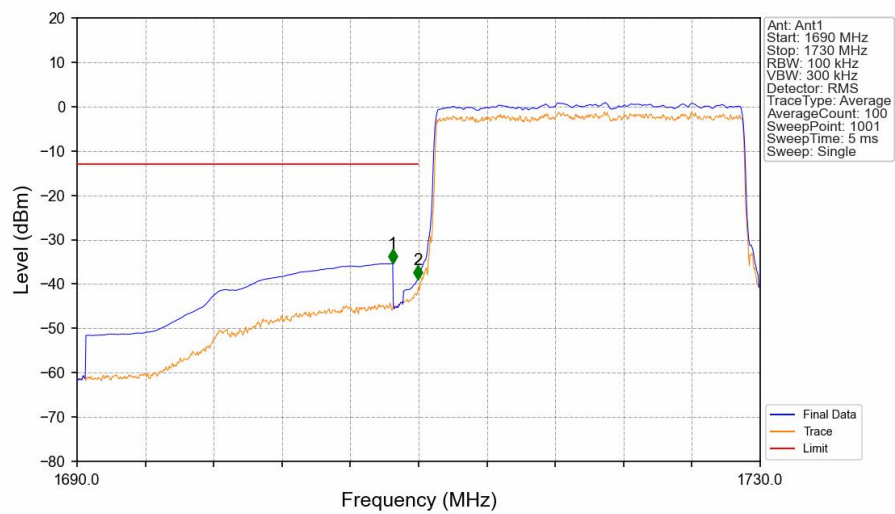
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

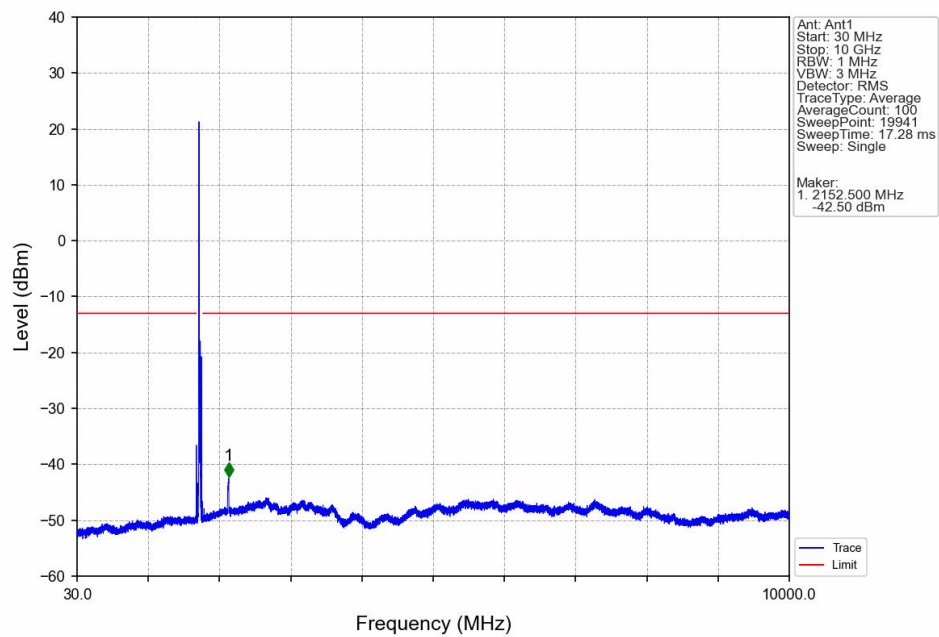


Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

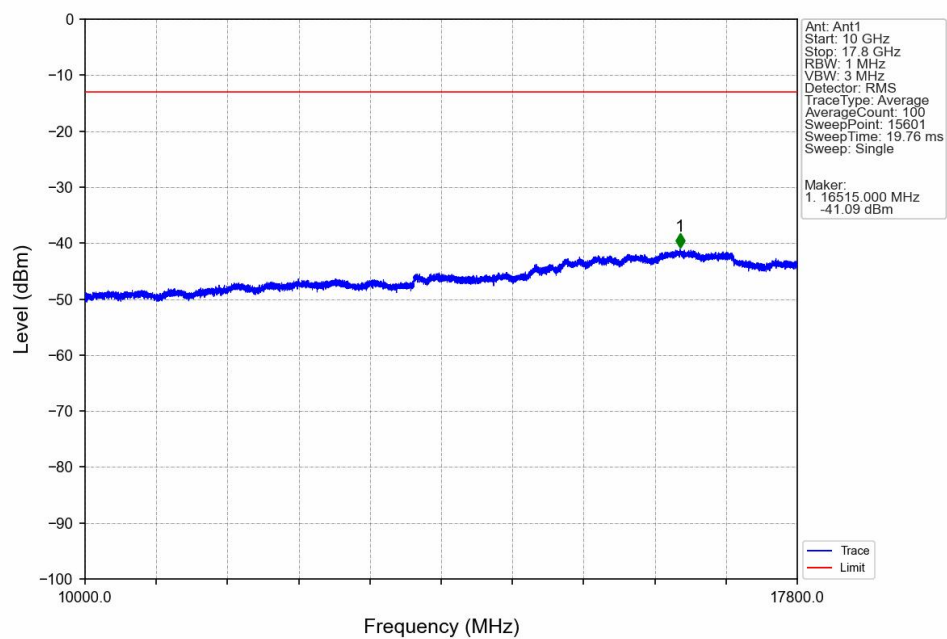


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-35.37	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-38.90	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

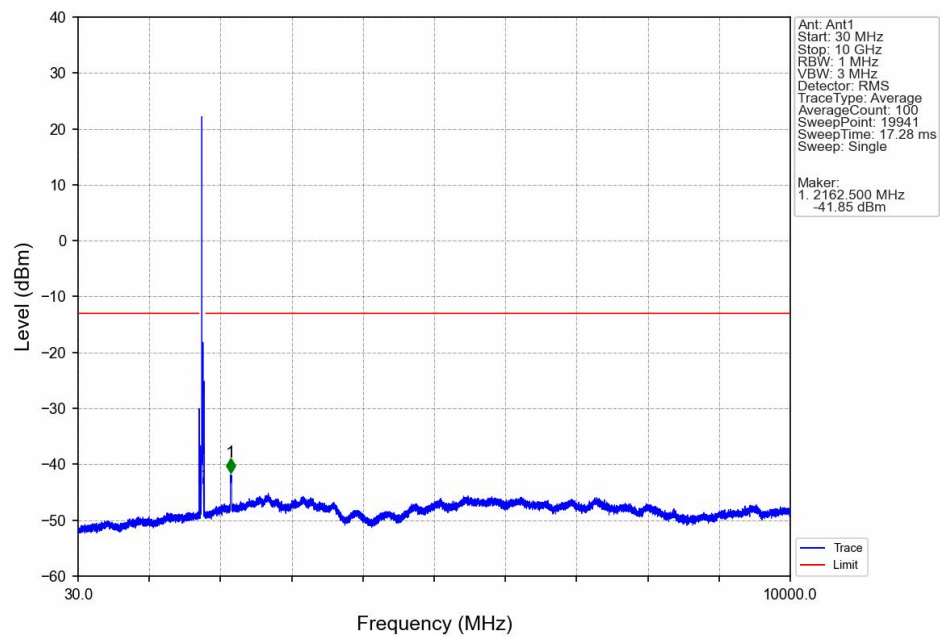
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



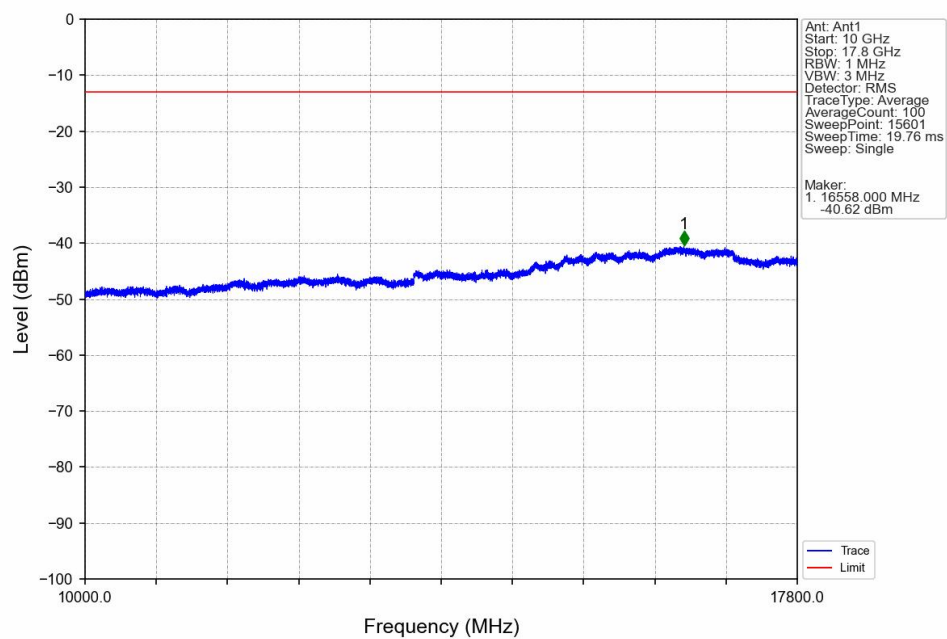
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



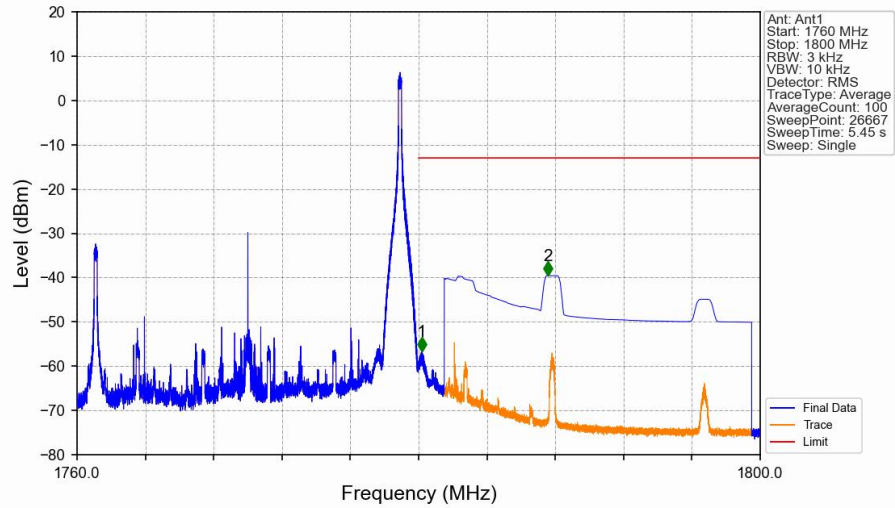
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV

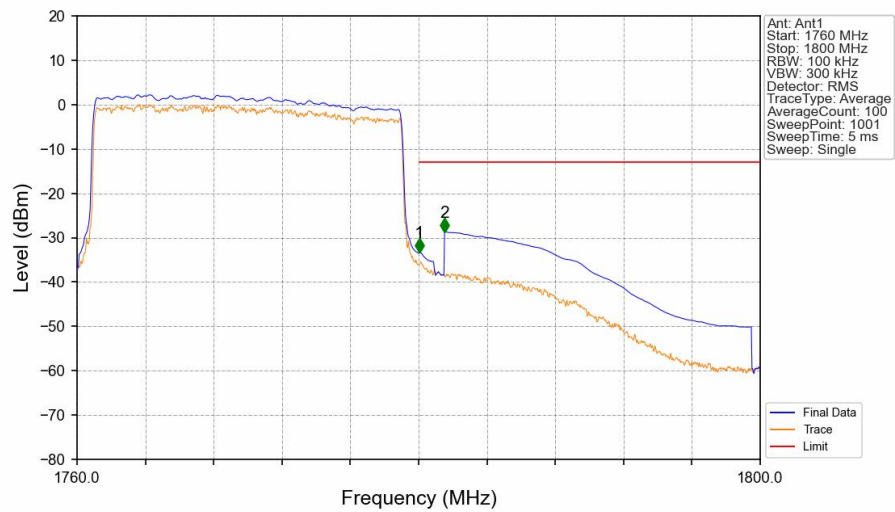


Band66_20MHz_16QAM_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.188	-56.65	-13	Pass
1781	1800	1	CHP	2	1787.565	-39.56	-13	Pass

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.198	CHP	/	/	/	/	/
1780	1781	0.198	CHP	1	1780.040	-33.36	-13	Pass
1781	1800	1	CHP	2	1781.520	-28.68	-13	Pass

7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1710.7	6	0	20	3.15	1710.141	1711.260	1710 to 1715	Pass
					3.70	1710.142	1711.262	1710 to 1715	Pass
					4.26	1710.147	1711.261	1710 to 1715	Pass
				-30	3.70	1710.149	1711.255	1710 to 1715	Pass
				-20	3.70	1710.147	1711.247	1710 to 1715	Pass
				-10	3.70	1710.146	1711.257	1710 to 1715	Pass
				0	3.70	1710.142	1711.255	1710 to 1715	Pass
				10	3.70	1710.143	1711.257	1710 to 1715	Pass
				30	3.70	1710.148	1711.249	1710 to 1715	Pass
				40	3.70	1710.144	1711.262	1710 to 1715	Pass
				50	3.70	1710.141	1711.259	1710 to 1715	Pass
	1745	6	0	20	3.15	1744.454	1745.551	1740 to 1750	Pass
					3.70	1744.452	1745.557	1740 to 1750	Pass
					4.26	1744.450	1745.549	1740 to 1750	Pass
				-30	3.70	1744.450	1745.555	1740 to 1750	Pass
				-20	3.70	1744.452	1745.554	1740 to 1750	Pass
				-10	3.70	1744.450	1745.558	1740 to 1750	Pass
				0	3.70	1744.450	1745.554	1740 to 1750	Pass
				10	3.70	1744.452	1745.554	1740 to 1750	Pass
				30	3.70	1744.455	1745.557	1740 to 1750	Pass
				40	3.70	1744.452	1745.555	1740 to 1750	Pass
				50	3.70	1744.452	1745.557	1740 to 1750	Pass
	1779.3	6	0	20	3.15	1778.743	1779.853	1775 to 1780	Pass
					3.70	1778.747	1779.850	1775 to 1780	Pass
					4.26	1778.743	1779.852	1775 to 1780	Pass
				-30	3.70	1778.753	1779.851	1775 to 1780	Pass
				-20	3.70	1778.744	1779.851	1775 to 1780	Pass
				-10	3.70	1778.746	1779.853	1775 to 1780	Pass
				0	3.70	1778.749	1779.853	1775 to 1780	Pass
				10	3.70	1778.744	1779.852	1775 to 1780	Pass
				30	3.70	1778.743	1779.851	1775 to 1780	Pass
				40	3.70	1778.747	1779.851	1775 to 1780	Pass
				50	3.70	1778.752	1779.853	1775 to 1780	Pass
16QAM	1710.7	6	0	20	3.15	1710.153	1711.257	1710 to 1715	Pass
					3.70	1710.152	1711.258	1710 to 1715	Pass
					4.26	1710.150	1711.257	1710 to 1715	Pass
				-30	3.70	1710.150	1711.255	1710 to 1715	Pass
				-20	3.70	1710.150	1711.250	1710 to 1715	Pass
				-10	3.70	1710.151	1711.259	1710 to 1715	Pass
				0	3.70	1710.151	1711.256	1710 to 1715	Pass
				10	3.70	1710.152	1711.251	1710 to 1715	Pass
				30	3.70	1710.151	1711.250	1710 to 1715	Pass
				40	3.70	1710.150	1711.255	1710 to 1715	Pass
				50	3.70	1710.151	1711.255	1710 to 1715	Pass
	1745	6	0	20	3.15	1744.448	1745.549	1740 to 1750	Pass
					3.70	1744.450	1745.556	1740 to 1750	Pass

					4.26	1744.450	1745.556	1740 to 1750	Pass
				-30	3.70	1744.451	1745.549	1740 to 1750	Pass
				-20	3.70	1744.449	1745.549	1740 to 1750	Pass
				-10	3.70	1744.449	1745.549	1740 to 1750	Pass
				0	3.70	1744.449	1745.556	1740 to 1750	Pass
				10	3.70	1744.449	1745.548	1740 to 1750	Pass
				30	3.70	1744.449	1745.550	1740 to 1750	Pass
				40	3.70	1744.450	1745.554	1740 to 1750	Pass
				50	3.70	1744.451	1745.556	1740 to 1750	Pass
	1779.3	6	0	20	3.15	1778.748	1779.855	1775 to 1780	Pass
					3.70	1778.741	1779.853	1775 to 1780	Pass
					4.26	1778.740	1779.853	1775 to 1780	Pass
				-30	3.70	1778.746	1779.852	1775 to 1780	Pass
				-20	3.70	1778.743	1779.853	1775 to 1780	Pass
				-10	3.70	1778.746	1779.851	1775 to 1780	Pass
				0	3.70	1778.742	1779.854	1775 to 1780	Pass
				10	3.70	1778.743	1779.853	1775 to 1780	Pass
				30	3.70	1778.745	1779.851	1775 to 1780	Pass
				40	3.70	1778.743	1779.853	1775 to 1780	Pass
				50	3.70	1778.744	1779.852	1775 to 1780	Pass

7.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1711.5	15	0	20	3.15	1710.130	1712.878	1710 to 1715	Pass
					3.70	1710.134	1712.874	1710 to 1715	Pass
					4.26	1710.140	1712.877	1710 to 1715	Pass
				-30	3.70	1710.132	1712.879	1710 to 1715	Pass
				-20	3.70	1710.134	1712.876	1710 to 1715	Pass
				-10	3.70	1710.134	1712.876	1710 to 1715	Pass
				0	3.70	1710.134	1712.879	1710 to 1715	Pass
				10	3.70	1710.137	1712.875	1710 to 1715	Pass
				30	3.70	1710.136	1712.877	1710 to 1715	Pass
				40	3.70	1710.133	1712.879	1710 to 1715	Pass
				50	3.70	1710.140	1712.871	1710 to 1715	Pass
	1745	15	0	20	3.15	1743.637	1746.374	1740 to 1750	Pass
					3.70	1743.633	1746.376	1740 to 1750	Pass
					4.26	1743.639	1746.384	1740 to 1750	Pass
				-30	3.70	1743.626	1746.373	1740 to 1750	Pass
				-20	3.70	1743.633	1746.373	1740 to 1750	Pass
				-10	3.70	1743.640	1746.373	1740 to 1750	Pass
				0	3.70	1743.633	1746.379	1740 to 1750	Pass
				10	3.70	1743.630	1746.382	1740 to 1750	Pass
				30	3.70	1743.631	1746.377	1740 to 1750	Pass
				40	3.70	1743.637	1746.373	1740 to 1750	Pass
				50	3.70	1743.635	1746.379	1740 to 1750	Pass
	1778.5	15	0	20	3.15	1777.132	1779.874	1775 to 1780	Pass
					3.70	1777.135	1779.883	1775 to 1780	Pass
					4.26	1777.131	1779.876	1775 to 1780	Pass
				-30	3.70	1777.139	1779.873	1775 to 1780	Pass
				-20	3.70	1777.138	1779.875	1775 to 1780	Pass
				-10	3.70	1777.132	1779.875	1775 to 1780	Pass
				0	3.70	1777.132	1779.875	1775 to 1780	Pass
				10	3.70	1777.132	1779.878	1775 to 1780	Pass
				30	3.70	1777.129	1779.871	1775 to 1780	Pass
				40	3.70	1777.132	1779.878	1775 to 1780	Pass

Model: MDPT3301LE

16QAM	1711.5	15	0	50	3.70	1777.137	1779.878	1775 to 1780	Pass
				20	3.15	1710.139	1712.875	1710 to 1715	Pass
					3.70	1710.136	1712.870	1710 to 1715	Pass
					4.26	1710.137	1712.876	1710 to 1715	Pass
					3.70	1710.133	1712.876	1710 to 1715	Pass
				-20	3.70	1710.127	1712.869	1710 to 1715	Pass
				-10	3.70	1710.132	1712.869	1710 to 1715	Pass
				0	3.70	1710.138	1712.875	1710 to 1715	Pass
				10	3.70	1710.134	1712.875	1710 to 1715	Pass
				30	3.70	1710.134	1712.876	1710 to 1715	Pass
	1745	15	0	40	3.70	1710.137	1712.876	1710 to 1715	Pass
				50	3.70	1710.136	1712.876	1710 to 1715	Pass
				20	3.15	1743.635	1746.378	1740 to 1750	Pass
					3.70	1743.637	1746.375	1740 to 1750	Pass
					4.26	1743.639	1746.374	1740 to 1750	Pass
					3.70	1743.638	1746.375	1740 to 1750	Pass
				-20	3.70	1743.641	1746.374	1740 to 1750	Pass
				-10	3.70	1743.639	1746.373	1740 to 1750	Pass
				0	3.70	1743.634	1746.377	1740 to 1750	Pass
				10	3.70	1743.637	1746.373	1740 to 1750	Pass
				30	3.70	1743.639	1746.378	1740 to 1750	Pass
	1778.5	15	0	40	3.70	1743.635	1746.376	1740 to 1750	Pass
				50	3.70	1743.639	1746.375	1740 to 1750	Pass
				20	3.15	1777.127	1779.874	1775 to 1780	Pass
					3.70	1777.137	1779.874	1775 to 1780	Pass
					4.26	1777.128	1779.877	1775 to 1780	Pass
					3.70	1777.145	1779.884	1775 to 1780	Pass
				-20	3.70	1777.136	1779.877	1775 to 1780	Pass
				-10	3.70	1777.131	1779.869	1775 to 1780	Pass
				0	3.70	1777.130	1779.895	1775 to 1780	Pass
				10	3.70	1777.142	1779.885	1775 to 1780	Pass
				30	3.70	1777.139	1779.876	1775 to 1780	Pass
				40	3.70	1777.134	1779.872	1775 to 1780	Pass
				50	3.70	1777.133	1779.877	1775 to 1780	Pass

7.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1712.5	25	0	20	3.15	1710.236	1714.796	1710 to 1715	Pass
					3.70	1710.228	1714.803	1710 to 1715	Pass
					4.26	1710.232	1714.795	1710 to 1715	Pass
					3.70	1710.232	1714.795	1710 to 1715	Pass
				-20	3.70	1710.227	1714.777	1710 to 1715	Pass
				-10	3.70	1710.233	1714.796	1710 to 1715	Pass
				0	3.70	1710.228	1714.801	1710 to 1715	Pass
				10	3.70	1710.228	1714.792	1710 to 1715	Pass
				30	3.70	1710.232	1714.790	1710 to 1715	Pass
				40	3.70	1710.226	1714.790	1710 to 1715	Pass
	1745	25	0	50	3.70	1710.230	1714.799	1710 to 1715	Pass
				20	3.15	1742.741	1747.289	1740 to 1750	Pass
					3.70	1742.737	1747.295	1740 to 1750	Pass
					4.26	1742.739	1747.288	1740 to 1750	Pass
					3.70	1742.739	1747.292	1740 to 1750	Pass
				-20	3.70	1742.740	1747.284	1740 to 1750	Pass
				-10	3.70	1742.738	1747.290	1740 to 1750	Pass
				0	3.70	1742.742	1747.292	1740 to 1750	Pass

				10	3.70	1742.738	1747.292	1740 to 1750	Pass
				30	3.70	1742.737	1747.288	1740 to 1750	Pass
				40	3.70	1742.738	1747.281	1740 to 1750	Pass
				50	3.70	1742.740	1747.292	1740 to 1750	Pass
	1777.5	25	0	20	3.15	1775.236	1779.780	1775 to 1780	Pass
					3.70	1775.228	1779.788	1775 to 1780	Pass
					4.26	1775.232	1779.789	1775 to 1780	Pass
				-30	3.70	1775.245	1779.782	1775 to 1780	Pass
				-20	3.70	1775.229	1779.781	1775 to 1780	Pass
				-10	3.70	1775.233	1779.780	1775 to 1780	Pass
				0	3.70	1775.235	1779.790	1775 to 1780	Pass
				10	3.70	1775.236	1779.790	1775 to 1780	Pass
				30	3.70	1775.239	1779.790	1775 to 1780	Pass
				40	3.70	1775.234	1779.782	1775 to 1780	Pass
				50	3.70	1775.239	1779.783	1775 to 1780	Pass
16QAM	1712.5	25	0	20	3.15	1710.241	1714.790	1710 to 1715	Pass
					3.70	1710.240	1714.783	1710 to 1715	Pass
					4.26	1710.233	1714.788	1710 to 1715	Pass
				-30	3.70	1710.241	1714.783	1710 to 1715	Pass
				-20	3.70	1710.241	1714.789	1710 to 1715	Pass
				-10	3.70	1710.236	1714.785	1710 to 1715	Pass
				0	3.70	1710.242	1714.788	1710 to 1715	Pass
				10	3.70	1710.243	1714.790	1710 to 1715	Pass
				30	3.70	1710.238	1714.780	1710 to 1715	Pass
				40	3.70	1710.245	1714.788	1710 to 1715	Pass
				50	3.70	1710.240	1714.779	1710 to 1715	Pass
	1745	25	0	20	3.15	1742.743	1747.292	1740 to 1750	Pass
					3.70	1742.740	1747.300	1740 to 1750	Pass
					4.26	1742.726	1747.293	1740 to 1750	Pass
				-30	3.70	1742.725	1747.296	1740 to 1750	Pass
				-20	3.70	1742.726	1747.299	1740 to 1750	Pass
				-10	3.70	1742.735	1747.298	1740 to 1750	Pass
				0	3.70	1742.725	1747.295	1740 to 1750	Pass
				10	3.70	1742.737	1747.305	1740 to 1750	Pass
				30	3.70	1742.724	1747.297	1740 to 1750	Pass
				40	3.70	1742.726	1747.293	1740 to 1750	Pass
				50	3.70	1742.738	1747.299	1740 to 1750	Pass
	1777.5	25	0	20	3.15	1775.234	1779.797	1775 to 1780	Pass
					3.70	1775.231	1779.780	1775 to 1780	Pass
					4.26	1775.215	1779.795	1775 to 1780	Pass
				-30	3.70	1775.228	1779.784	1775 to 1780	Pass
				-20	3.70	1775.221	1779.797	1775 to 1780	Pass
				-10	3.70	1775.233	1779.793	1775 to 1780	Pass
				0	3.70	1775.229	1779.778	1775 to 1780	Pass
				10	3.70	1775.217	1779.789	1775 to 1780	Pass
				30	3.70	1775.231	1779.796	1775 to 1780	Pass
				40	3.70	1775.224	1779.793	1775 to 1780	Pass
				50	3.70	1775.233	1779.793	1775 to 1780	Pass

7.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1715	50	0	20	3.15	1710.511	1719.556	1710 to 1720	Pass
					3.70	1710.508	1719.565	1710 to 1720	Pass
					4.26	1710.497	1719.553	1710 to 1720	Pass
				-30	3.70	1710.501	1719.559	1710 to 1720	Pass

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				-20	3.70	1710.501	1719.575	1710 to 1720	Pass
				-10	3.70	1710.503	1719.584	1710 to 1720	Pass
				0	3.70	1710.505	1719.564	1710 to 1720	Pass
				10	3.70	1710.505	1719.560	1710 to 1720	Pass
				30	3.70	1710.502	1719.579	1710 to 1720	Pass
				40	3.70	1710.517	1719.550	1710 to 1720	Pass
				50	3.70	1710.509	1719.568	1710 to 1720	Pass
	1745	50	0	20	3.15	1740.480	1749.547	1740 to 1750	Pass
					3.70	1740.489	1749.546	1740 to 1750	Pass
					4.26	1740.472	1749.542	1740 to 1750	Pass
				-30	3.70	1740.484	1749.535	1740 to 1750	Pass
				-20	3.70	1740.481	1749.555	1740 to 1750	Pass
				-10	3.70	1740.503	1749.549	1740 to 1750	Pass
				0	3.70	1740.486	1749.530	1740 to 1750	Pass
				10	3.70	1740.487	1749.536	1740 to 1750	Pass
				30	3.70	1740.478	1749.549	1740 to 1750	Pass
				40	3.70	1740.486	1749.552	1740 to 1750	Pass
				50	3.70	1740.484	1749.532	1740 to 1750	Pass
	1775	50	0	20	3.15	1770.485	1779.522	1770 to 1780	Pass
					3.70	1770.489	1779.530	1770 to 1780	Pass
					4.26	1770.490	1779.534	1770 to 1780	Pass
				-30	3.70	1770.481	1779.535	1770 to 1780	Pass
				-20	3.70	1770.482	1779.532	1770 to 1780	Pass
				-10	3.70	1770.486	1779.532	1770 to 1780	Pass
				0	3.70	1770.485	1779.546	1770 to 1780	Pass
				10	3.70	1770.487	1779.543	1770 to 1780	Pass
				30	3.70	1770.492	1779.532	1770 to 1780	Pass
				40	3.70	1770.480	1779.537	1770 to 1780	Pass
				50	3.70	1770.485	1779.519	1770 to 1780	Pass
16QAM	1715	50	0	20	3.15	1710.508	1719.553	1710 to 1720	Pass
					3.70	1710.503	1719.556	1710 to 1720	Pass
					4.26	1710.495	1719.565	1710 to 1720	Pass
				-30	3.70	1710.501	1719.586	1710 to 1720	Pass
				-20	3.70	1710.500	1719.556	1710 to 1720	Pass
				-10	3.70	1710.491	1719.582	1710 to 1720	Pass
				0	3.70	1710.501	1719.539	1710 to 1720	Pass
				10	3.70	1710.508	1719.547	1710 to 1720	Pass
				30	3.70	1710.509	1719.553	1710 to 1720	Pass
				40	3.70	1710.514	1719.594	1710 to 1720	Pass
				50	3.70	1710.506	1719.585	1710 to 1720	Pass
	1745	50	0	20	3.15	1740.486	1749.535	1740 to 1750	Pass
					3.70	1740.497	1749.536	1740 to 1750	Pass
					4.26	1740.494	1749.524	1740 to 1750	Pass
				-30	3.70	1740.502	1749.548	1740 to 1750	Pass
				-20	3.70	1740.492	1749.531	1740 to 1750	Pass
				-10	3.70	1740.480	1749.543	1740 to 1750	Pass
				0	3.70	1740.491	1749.537	1740 to 1750	Pass
				10	3.70	1740.473	1749.549	1740 to 1750	Pass
				30	3.70	1740.481	1749.531	1740 to 1750	Pass
				40	3.70	1740.490	1749.531	1740 to 1750	Pass
	1775	50	0	20	3.15	1770.487	1779.531	1770 to 1780	Pass
					3.70	1770.487	1779.545	1770 to 1780	Pass
					4.26	1770.479	1779.528	1770 to 1780	Pass
				-30	3.70	1770.478	1779.533	1770 to 1780	Pass
				-20	3.70	1770.484	1779.528	1770 to 1780	Pass
				-10	3.70	1770.477	1779.548	1770 to 1780	Pass
				0	3.70	1770.472	1779.535	1770 to 1780	Pass
				10	3.70	1770.474	1779.533	1770 to 1780	Pass

				30	3.70	1770.485	1779.522	1770 to 1780	Pass
				40	3.70	1770.480	1779.532	1770 to 1780	Pass
				50	3.70	1770.480	1779.532	1770 to 1780	Pass

7.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1717.5	75	0	20	3.15	1710.763	1724.327	1710 to 1725	Pass
					3.70	1710.767	1724.330	1710 to 1725	Pass
					4.26	1710.752	1724.357	1710 to 1725	Pass
				-30	3.70	1710.748	1724.337	1710 to 1725	Pass
				-20	3.70	1710.760	1724.352	1710 to 1725	Pass
				-10	3.70	1710.750	1724.338	1710 to 1725	Pass
				0	3.70	1710.750	1724.341	1710 to 1725	Pass
				10	3.70	1710.753	1724.342	1710 to 1725	Pass
				30	3.70	1710.750	1724.337	1710 to 1725	Pass
				40	3.70	1710.753	1724.337	1710 to 1725	Pass
				50	3.70	1710.756	1724.334	1710 to 1725	Pass
	1745	75	0	20	3.15	1738.237	1751.794	1735 to 1755	Pass
					3.70	1738.238	1751.793	1735 to 1755	Pass
					4.26	1738.229	1751.812	1735 to 1755	Pass
				-30	3.70	1738.214	1751.807	1735 to 1755	Pass
				-20	3.70	1738.234	1751.818	1735 to 1755	Pass
				-10	3.70	1738.245	1751.802	1735 to 1755	Pass
				0	3.70	1738.225	1751.811	1735 to 1755	Pass
				10	3.70	1738.234	1751.793	1735 to 1755	Pass
				30	3.70	1738.233	1751.814	1735 to 1755	Pass
				40	3.70	1738.244	1751.801	1735 to 1755	Pass
				50	3.70	1738.247	1751.822	1735 to 1755	Pass
	1772.5	75	0	20	3.15	1765.738	1779.264	1765 to 1780	Pass
					3.70	1765.721	1779.279	1765 to 1780	Pass
					4.26	1765.733	1779.262	1765 to 1780	Pass
				-30	3.70	1765.734	1779.266	1765 to 1780	Pass
				-20	3.70	1765.730	1779.277	1765 to 1780	Pass
				-10	3.70	1765.713	1779.268	1765 to 1780	Pass
				0	3.70	1765.738	1779.264	1765 to 1780	Pass
				10	3.70	1765.731	1779.257	1765 to 1780	Pass
				30	3.70	1765.734	1779.262	1765 to 1780	Pass
				40	3.70	1765.731	1779.278	1765 to 1780	Pass
				50	3.70	1765.731	1779.277	1765 to 1780	Pass
16QAM	1717.5	75	0	20	3.15	1710.752	1724.368	1710 to 1725	Pass
					3.70	1710.779	1724.364	1710 to 1725	Pass
					4.26	1710.781	1724.330	1710 to 1725	Pass
				-30	3.70	1710.754	1724.330	1710 to 1725	Pass
				-20	3.70	1710.765	1724.330	1710 to 1725	Pass
				-10	3.70	1710.745	1724.321	1710 to 1725	Pass
				0	3.70	1710.741	1724.336	1710 to 1725	Pass
				10	3.70	1710.768	1724.321	1710 to 1725	Pass
				30	3.70	1710.757	1724.354	1710 to 1725	Pass
				40	3.70	1710.770	1724.326	1710 to 1725	Pass
				50	3.70	1710.778	1724.333	1710 to 1725	Pass
	1745	75	0	20	3.15	1738.223	1751.818	1735 to 1755	Pass
					3.70	1738.233	1751.821	1735 to 1755	Pass
					4.26	1738.228	1751.806	1735 to 1755	Pass
				-30	3.70	1738.230	1751.823	1735 to 1755	Pass
				-20	3.70	1738.236	1751.812	1735 to 1755	Pass

				-10	3.70	1738.230	1751.805	1735 to 1755	Pass
				0	3.70	1738.231	1751.806	1735 to 1755	Pass
				10	3.70	1738.215	1751.833	1735 to 1755	Pass
				30	3.70	1738.223	1751.820	1735 to 1755	Pass
				40	3.70	1738.213	1751.800	1735 to 1755	Pass
				50	3.70	1738.237	1751.815	1735 to 1755	Pass
	1772.5	75	0	20	3.15	1765.726	1779.311	1765 to 1780	Pass
					3.70	1765.718	1779.287	1765 to 1780	Pass
					4.26	1765.739	1779.299	1765 to 1780	Pass
				-30	3.70	1765.724	1779.318	1765 to 1780	Pass
				-20	3.70	1765.722	1779.293	1765 to 1780	Pass
				-10	3.70	1765.723	1779.290	1765 to 1780	Pass
				0	3.70	1765.719	1779.255	1765 to 1780	Pass
				10	3.70	1765.722	1779.280	1765 to 1780	Pass
				30	3.70	1765.726	1779.291	1765 to 1780	Pass
				40	3.70	1765.712	1779.275	1765 to 1780	Pass
				50	3.70	1765.739	1779.279	1765 to 1780	Pass

7.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1720	100	0	20	3.15	1711.066	1729.127	1710 to 1730	Pass
					3.70	1711.035	1729.118	1710 to 1730	Pass
					4.26	1711.028	1729.108	1710 to 1730	Pass
				-30	3.70	1711.030	1729.121	1710 to 1730	Pass
				-20	3.70	1711.047	1729.123	1710 to 1730	Pass
				-10	3.70	1711.037	1729.121	1710 to 1730	Pass
				0	3.70	1711.016	1729.119	1710 to 1730	Pass
				10	3.70	1711.030	1729.110	1710 to 1730	Pass
				30	3.70	1711.015	1729.136	1710 to 1730	Pass
				40	3.70	1711.047	1729.108	1710 to 1730	Pass
				50	3.70	1711.050	1729.131	1710 to 1730	Pass
	1745	100	0	20	3.15	1735.968	1754.077	1735 to 1755	Pass
					3.70	1735.959	1754.094	1735 to 1755	Pass
					4.26	1735.959	1754.070	1735 to 1755	Pass
				-30	3.70	1735.991	1754.087	1735 to 1755	Pass
				-20	3.70	1735.977	1754.072	1735 to 1755	Pass
				-10	3.70	1735.961	1754.068	1735 to 1755	Pass
				0	3.70	1735.979	1754.049	1735 to 1755	Pass
				10	3.70	1735.976	1754.069	1735 to 1755	Pass
				30	3.70	1735.957	1754.103	1735 to 1755	Pass
				40	3.70	1735.932	1754.066	1735 to 1755	Pass
				50	3.70	1735.952	1754.064	1735 to 1755	Pass
	1770	100	0	20	3.15	1760.986	1778.993	1760 to 1780	Pass
					3.70	1761.004	1779.025	1760 to 1780	Pass
					4.26	1760.991	1778.991	1760 to 1780	Pass
				-30	3.70	1761.002	1779.054	1760 to 1780	Pass
				-20	3.70	1760.997	1779.020	1760 to 1780	Pass
				-10	3.70	1760.998	1778.976	1760 to 1780	Pass
				0	3.70	1761.020	1778.992	1760 to 1780	Pass
				10	3.70	1760.993	1779.076	1760 to 1780	Pass
				30	3.70	1760.993	1778.998	1760 to 1780	Pass
				40	3.70	1760.987	1779.002	1760 to 1780	Pass
				50	3.70	1760.995	1779.012	1760 to 1780	Pass
16QAM	1720	100	0	20	3.15	1711.027	1729.134	1710 to 1730	Pass
					3.70	1711.032	1729.213	1710 to 1730	Pass

					4.26	1711.029	1729.110	1710 to 1730	Pass
				-30	3.70	1711.056	1729.172	1710 to 1730	Pass
				-20	3.70	1711.029	1729.216	1710 to 1730	Pass
				-10	3.70	1711.043	1729.116	1710 to 1730	Pass
				0	3.70	1711.048	1729.227	1710 to 1730	Pass
				10	3.70	1711.012	1729.102	1710 to 1730	Pass
				30	3.70	1711.050	1729.158	1710 to 1730	Pass
				40	3.70	1711.045	1729.110	1710 to 1730	Pass
				50	3.70	1711.026	1729.169	1710 to 1730	Pass
	1745	100	0	20	3.15	1735.998	1754.103	1735 to 1755	Pass
					3.70	1735.992	1754.076	1735 to 1755	Pass
					4.26	1735.981	1754.074	1735 to 1755	Pass
				-30	3.70	1735.995	1754.070	1735 to 1755	Pass
				-20	3.70	1735.959	1754.079	1735 to 1755	Pass
				-10	3.70	1735.982	1754.118	1735 to 1755	Pass
				0	3.70	1735.992	1754.089	1735 to 1755	Pass
				10	3.70	1736.007	1754.093	1735 to 1755	Pass
				30	3.70	1735.979	1754.100	1735 to 1755	Pass
				40	3.70	1735.977	1754.091	1735 to 1755	Pass
	50	3.70	1736.005	1754.074	1735 to 1755	Pass			
	1770	100	0	20	3.15	1760.995	1779.019	1760 to 1780	Pass
					3.70	1761.012	1779.021	1760 to 1780	Pass
					4.26	1760.979	1779.020	1760 to 1780	Pass
				-30	3.70	1761.000	1779.010	1760 to 1780	Pass
				-20	3.70	1760.993	1778.980	1760 to 1780	Pass
				-10	3.70	1760.996	1779.023	1760 to 1780	Pass
				0	3.70	1760.997	1779.031	1760 to 1780	Pass
				10	3.70	1761.007	1779.026	1760 to 1780	Pass
				30	3.70	1761.030	1779.009	1760 to 1780	Pass
				40	3.70	1761.011	1779.014	1760 to 1780	Pass
				50	3.70	1760.977	1779.013	1760 to 1780	Pass

8. Radiated Spurious Emission

8.1 Test Result

LTE Band 66 Channel Bandwidth 1.4MHz_QPSK_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3421.4	-40.60	7.15	3.00	9.88	-37.87	-13.00	-24.87	H
5132.1	-45.44	8.36	3.00	11.36	-42.44	-13.00	-29.44	H
3421.4	-42.43	7.15	3.00	9.88	-39.70	-13.00	-26.70	V
5132.1	-47.65	8.36	3.00	11.36	-44.65	-13.00	-31.65	V

LTE Band 66 Channel Bandwidth 1.4MHz_QPSK_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3465.0	-40.16	7.26	3.00	10.03	-37.39	-13.00	-24.39	H
5197.5	-45.65	8.48	3.00	11.41	-42.72	-13.00	-29.72	H
3465.0	-43.65	7.26	3.00	10.03	-40.88	-13.00	-27.88	V
5197.5	-46.96	8.48	3.00	11.41	-44.03	-13.00	-31.03	V

LTE Band 66 Channel Bandwidth 1.4MHz_QPSK_ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3507.8	-42.69	7.17	3.00	9.62	-40.24	-13.00	-27.24	H
5261.6	-45.33	8.39	3.00	11.46	-42.26	-13.00	-29.26	H
3507.8	-42.41	7.17	3.00	9.62	-39.96	-13.00	-26.96	V
5261.6	-47.84	8.39	3.00	11.46	-44.77	-13.00	-31.77	V

LTE Band 66 Channel _Channel Bandwidth 5MHz_QPSK_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
2425.0	-40.76	7.15	3.00	9.88	-38.03	-13.00	-25.03	H
5131.1	-45.29	8.36	3.00	11.36	-42.29	-13.00	-29.29	H
2425.0	-42.50	7.15	3.00	9.88	-39.77	-13.00	-26.77	V
5131.1	-47.56	8.36	3.00	11.36	-44.56	-13.00	-31.56	V

LTE Band 66 Channel _Channel Bandwidth 5MHz_QPSK_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3460.0	-40.11	7.26	3.00	10.03	-37.34	-13.00	-24.34	H
5191.5	-45.54	8.48	3.00	11.41	-42.61	-13.00	-29.61	H
3460.0	-43.49	7.26	3.00	10.03	-40.72	-13.00	-27.72	V
5191.5	-47.03	8.48	3.00	11.41	-44.10	-13.00	-31.10	V

LTE Band 66 Channel _Channel Bandwidth 5MHz_QPSK_ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3500.6	-42.66	7.17	3.00	9.62	-40.21	-13.00	-27.21	H
5250.8	-45.42	8.39	3.00	11.46	-42.35	-13.00	-29.35	H
3500.6	-42.37	7.17	3.00	9.62	-39.92	-13.00	-26.92	V
5250.8	-47.64	8.39	3.00	11.46	-44.57	-13.00	-31.57	V

LTE Band 66 Channel _Channel Bandwidth 10MHz_QPSK_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3420.8	-40.81	7.15	3.00	9.88	-38.08	-13.00	-25.08	H
5131.9	-45.22	8.36	3.00	11.36	-42.22	-13.00	-29.22	H
3420.8	-42.32	7.15	3.00	9.88	-39.59	-13.00	-26.59	V

Model: MDPT3301LE

5131.9	-47.38	8.36	3.00	11.36	-44.38	-13.00	-31.38	V
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LTE Band 66 Channel _Channel Bandwidth 10MHz_QPSK_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3456.0	-40.21	7.26	3.00	10.03	-37.44	-13.00	-24.44	H
5184.4	-45.46	8.48	3.00	11.41	-42.53	-13.00	-29.53	H
3456.0	-43.51	7.26	3.00	10.03	-40.74	-13.00	-27.74	V
5184.4	-47.11	8.48	3.00	11.41	-44.18	-13.00	-31.18	V

LTE Band 66 Channel _Channel Bandwidth 10MHz_QPSK_ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3490.9	-42.75	7.17	3.00	9.62	-40.30	-13.00	-27.30	H
5236.9	-45.53	8.39	3.00	11.46	-42.46	-13.00	-29.46	H
3490.9	-42.50	7.17	3.00	9.62	-40.05	-13.00	-27.05	V
5236.9	-47.80	8.39	3.00	11.46	-44.73	-13.00	-31.73	V

LTE Band 66 Channel _Channel Bandwidth 20MHz_QPSK_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3421.9	-40.59	7.15	3.00	9.88	-37.86	-13.00	-24.86	H
5133.0	-45.29	8.36	3.00	11.36	-42.29	-13.00	-29.29	H

Model: MDPT3301LE

3421.9	-42.25	7.15	3.00	9.88	-39.52	-13.00	-26.52	V
5133.0	-47.28	8.36	3.00	11.36	-44.28	-13.00	-31.28	V

LTE Band 66 Channel _Channel Bandwidth 20MHz_QPSK_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3447.0	-40.09	7.26	3.00	10.03	-37.32	-13.00	-24.32	H
5170.5	-45.67	8.48	3.00	11.41	-42.74	-13.00	-29.74	H
3447.0	-43.66	7.26	3.00	10.03	-40.89	-13.00	-27.89	V
5170.5	-47.31	8.48	3.00	11.41	-44.38	-13.00	-31.38	V

LTE Band 66 Channel _Channel Bandwidth 20MHz_QPSK_ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3472.1	-42.69	7.17	3.00	9.62	-40.24	-13.00	-27.24	H
5208.4	-45.34	8.39	3.00	11.46	-42.27	-13.00	-29.27	H
3472.1	-42.37	7.17	3.00	9.62	-39.92	-13.00	-26.92	V
5208.4	-47.81	8.39	3.00	11.46	-44.74	-13.00	-31.74	V