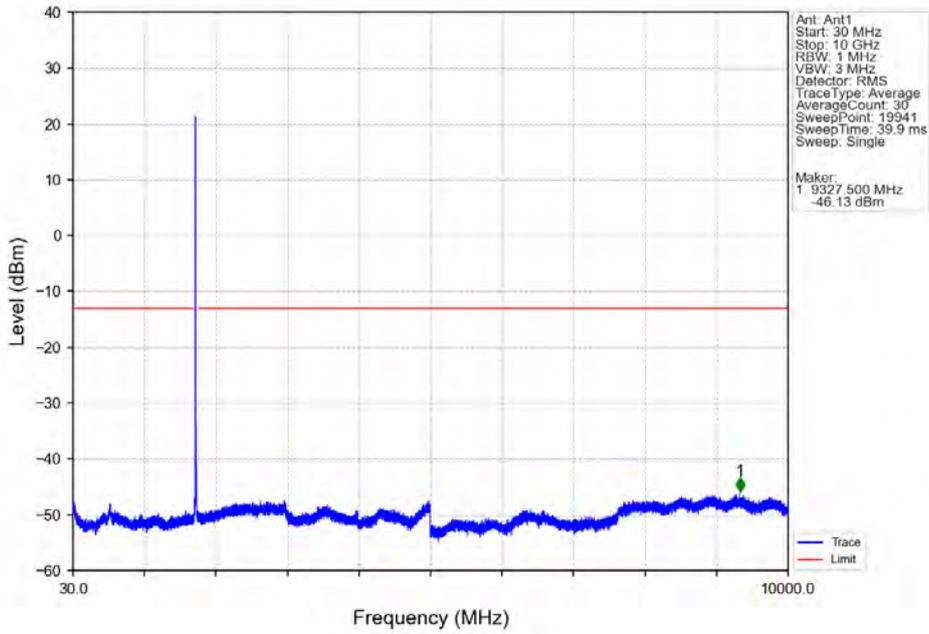


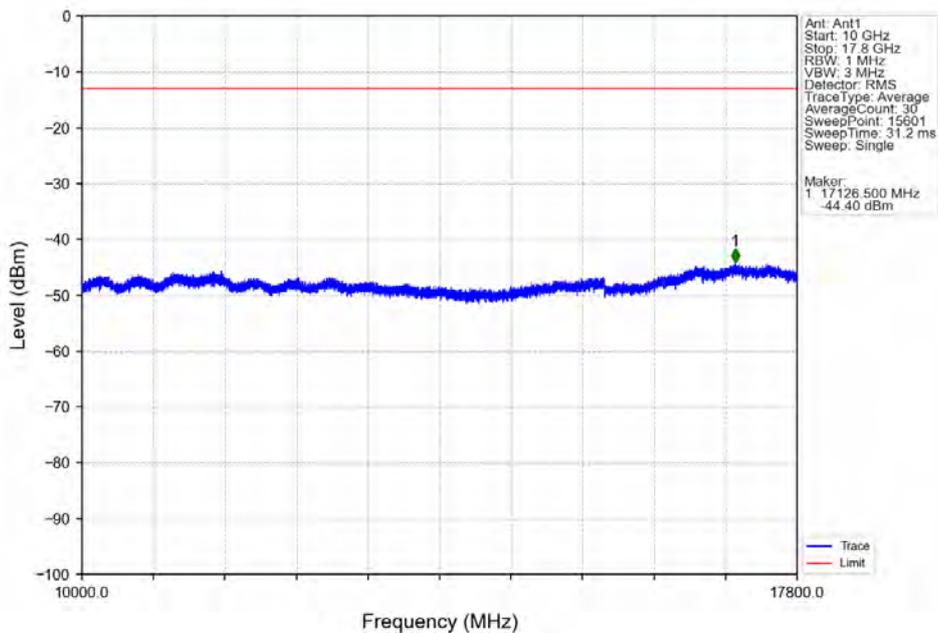


Test Report No.: PSU-NQN2504150110RF03

Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



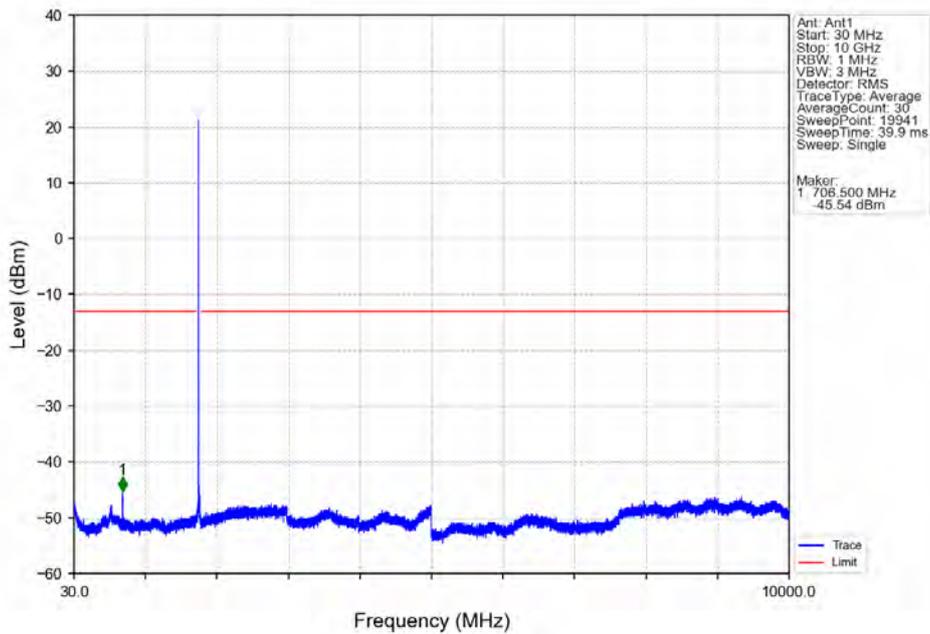
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



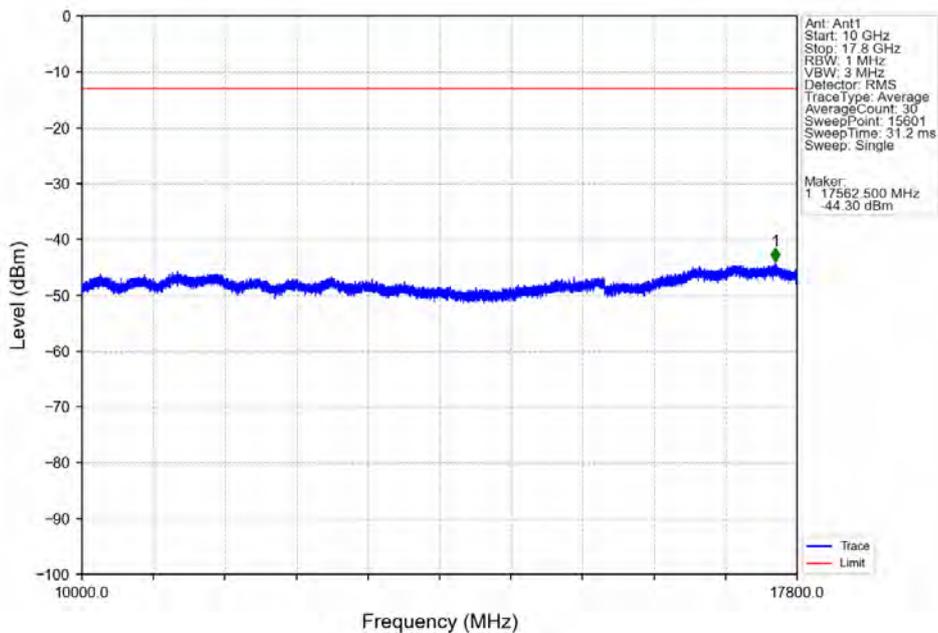


Test Report No.: PSU-NQN2504150110RF03

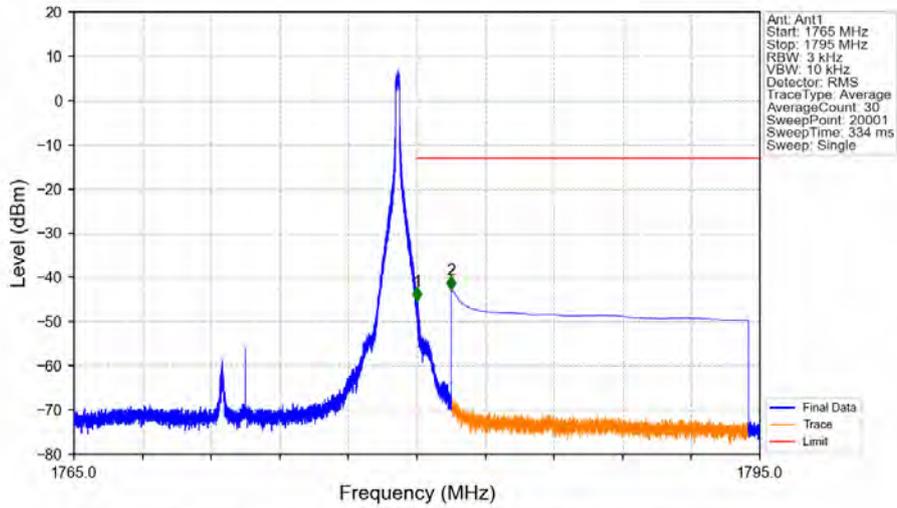
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

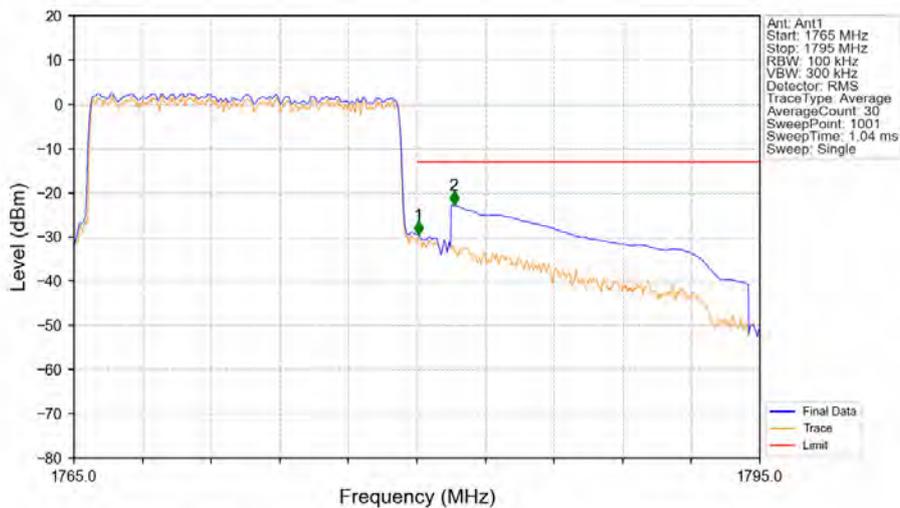


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



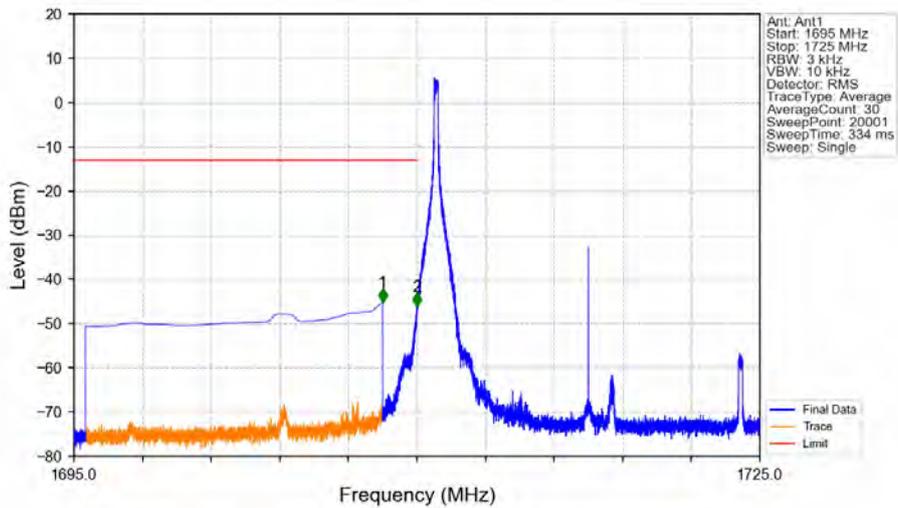
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-45.37	-13	Pass
1781	1795	1	CHP	2	1781.500	-42.80	-13	Pass

Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



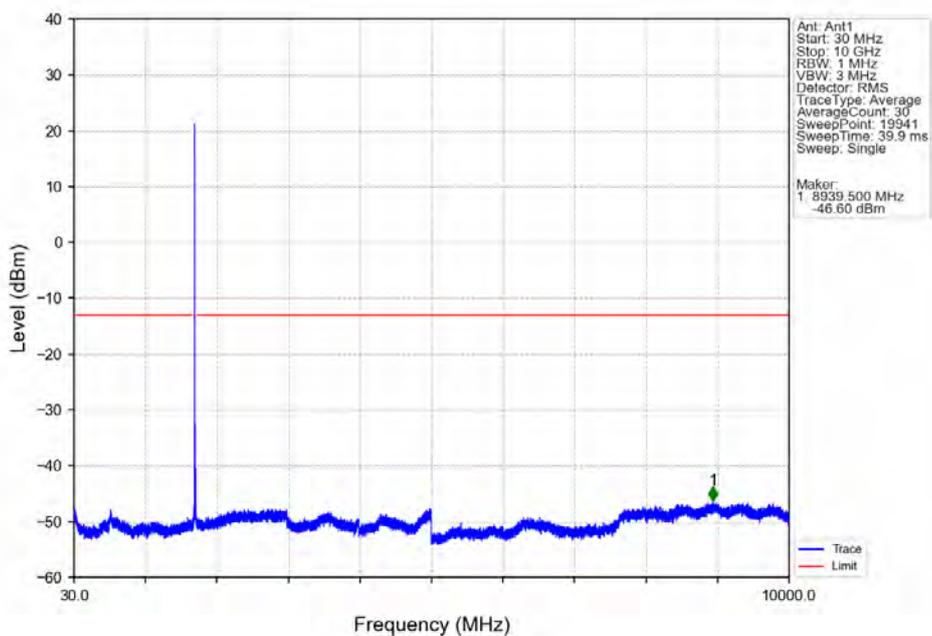
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.149	CHP	/	/	/	/	/
1780	1781	0.149	CHP	1	1780.060	-29.50	-13	Pass
1781	1795	1	CHP	2	1781.620	-22.81	-13	Pass

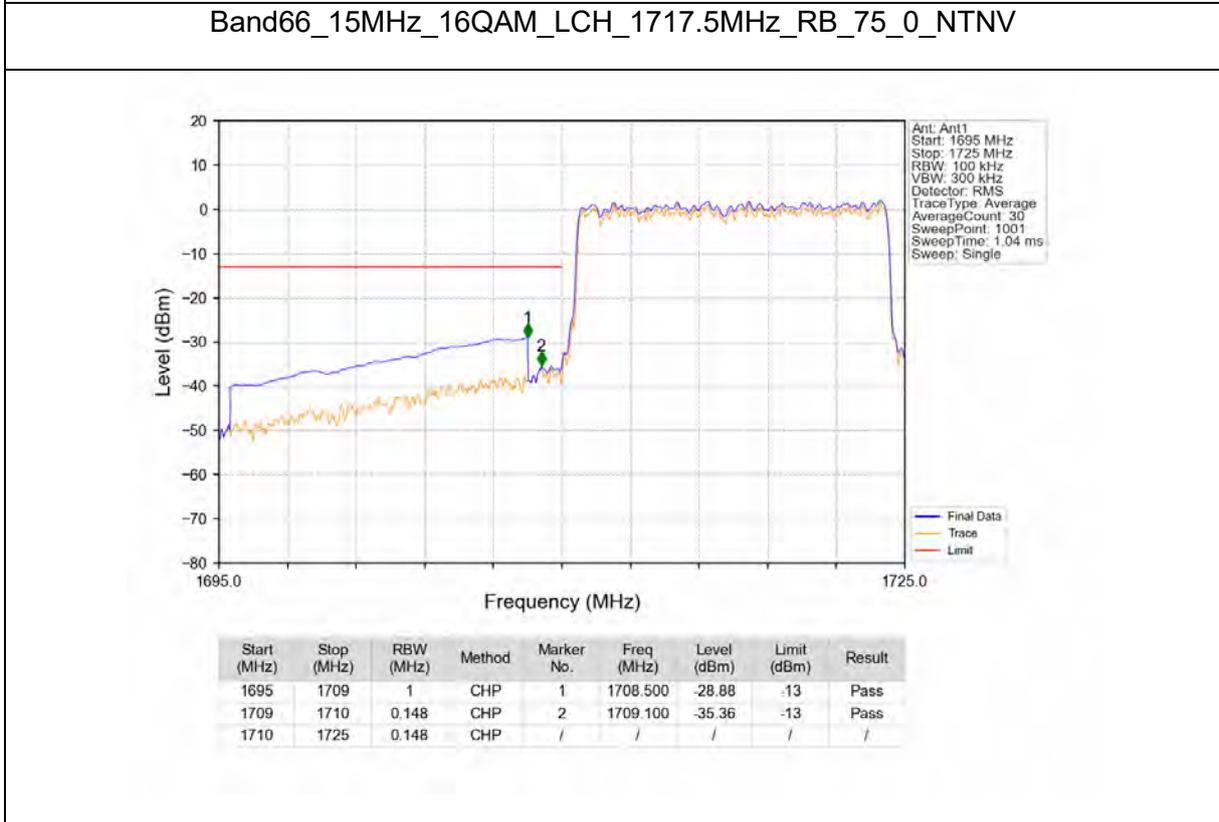
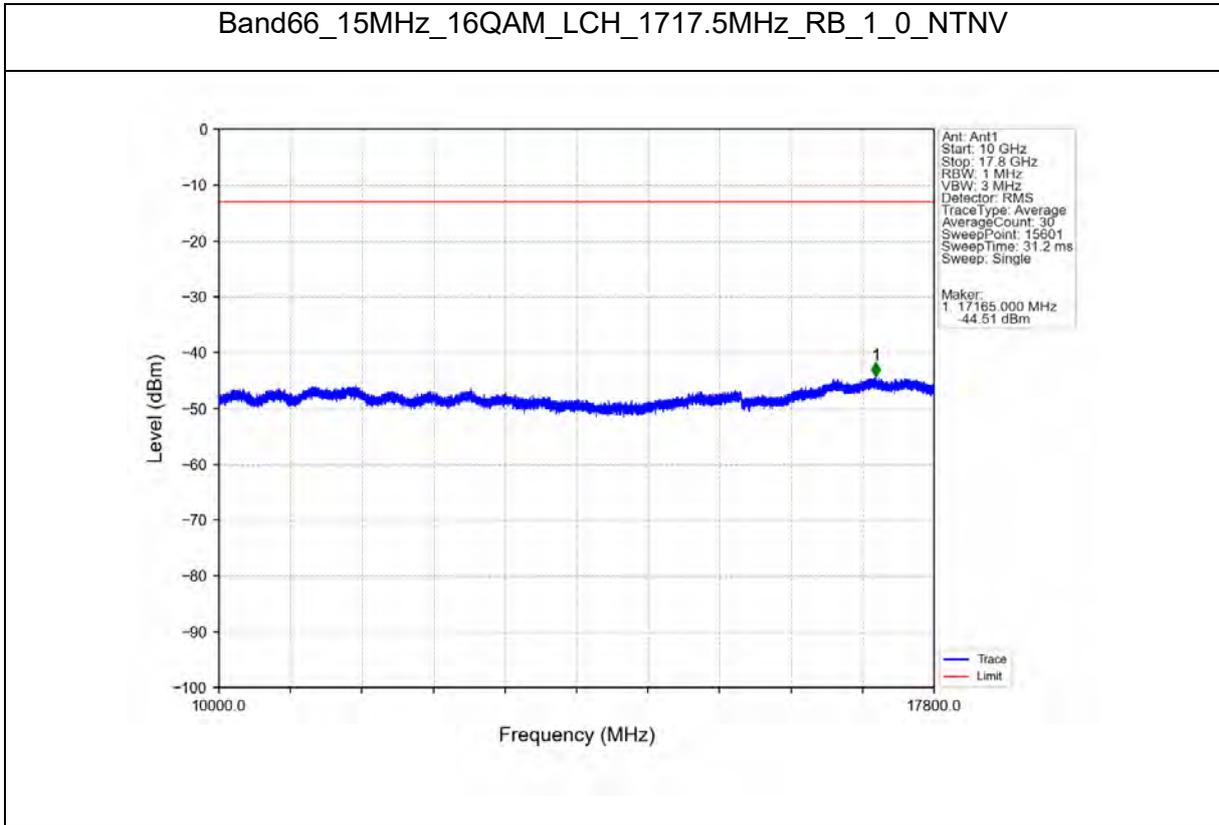
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



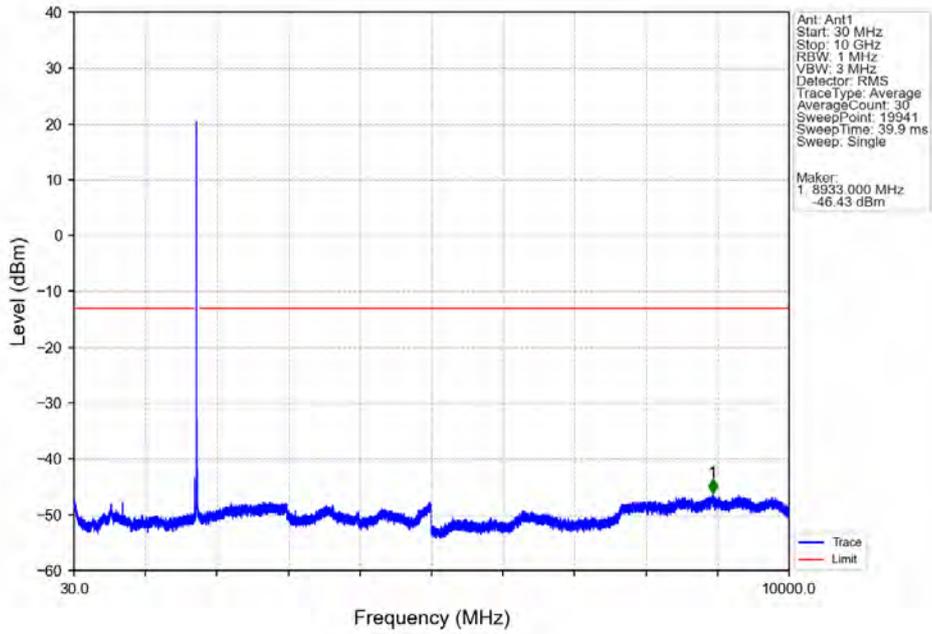
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-45.17	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.04	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

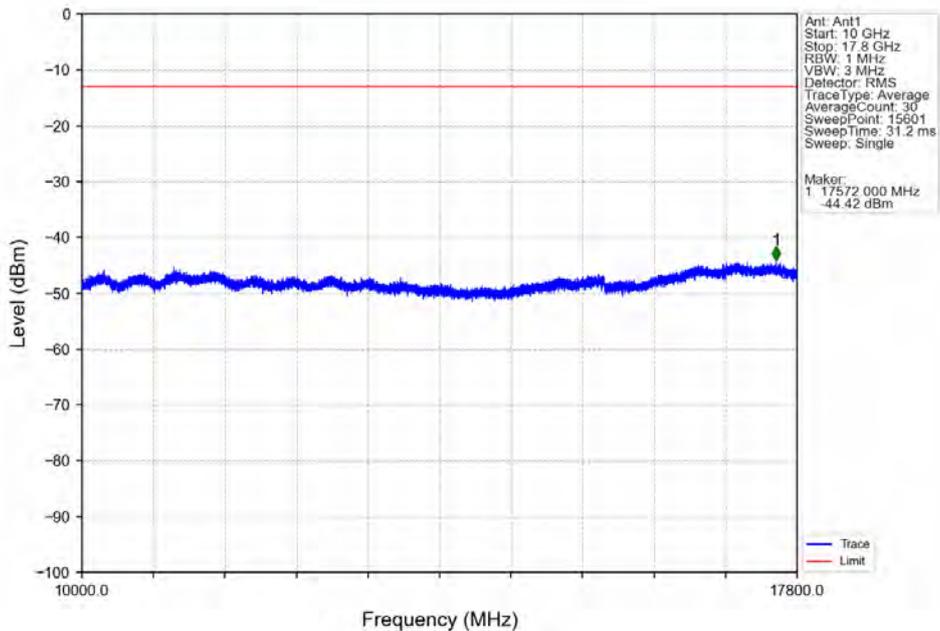




Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



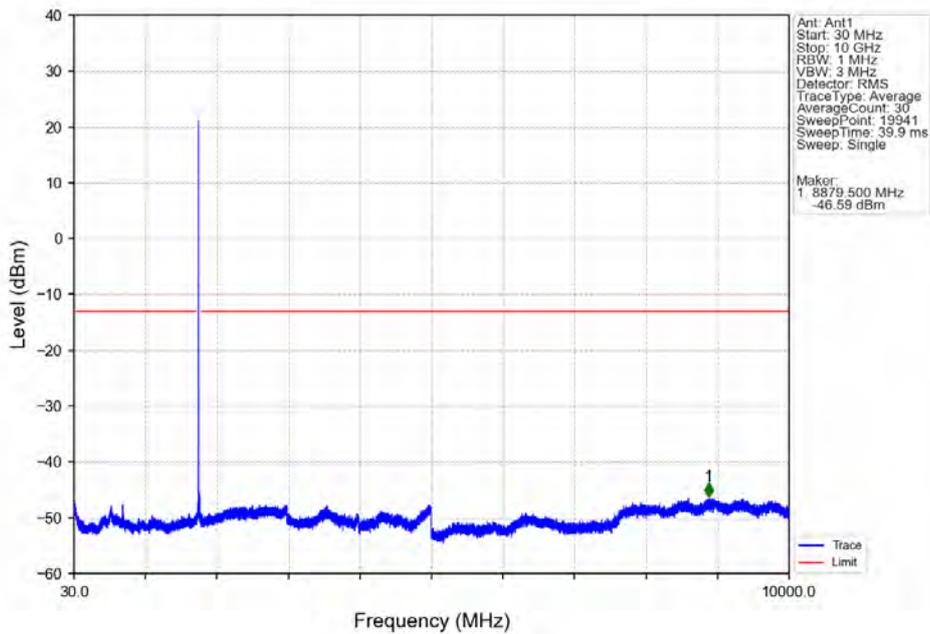
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



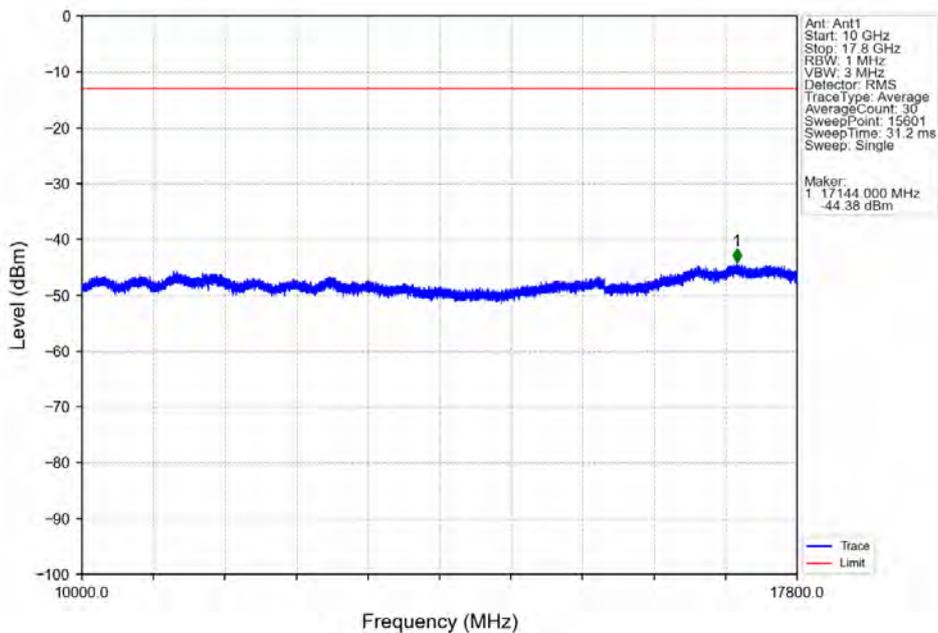


Test Report No.: PSU-NQN2504150110RF03

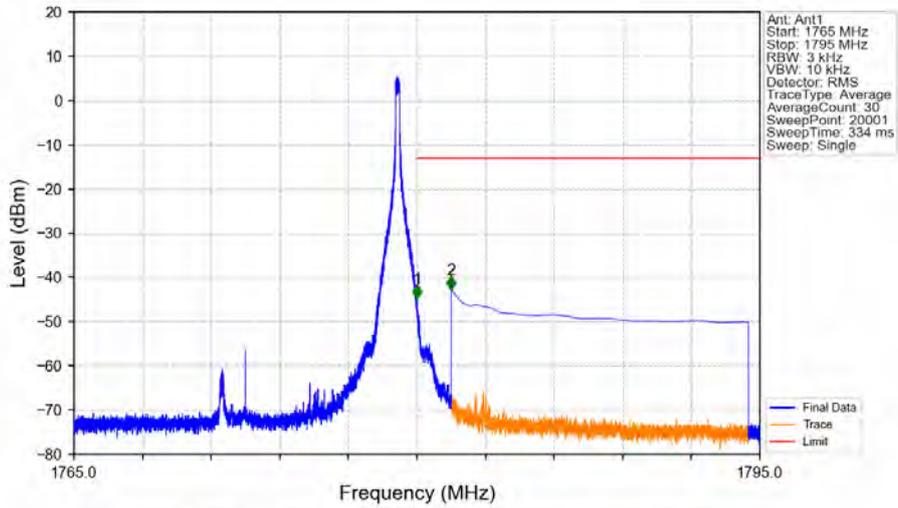
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV

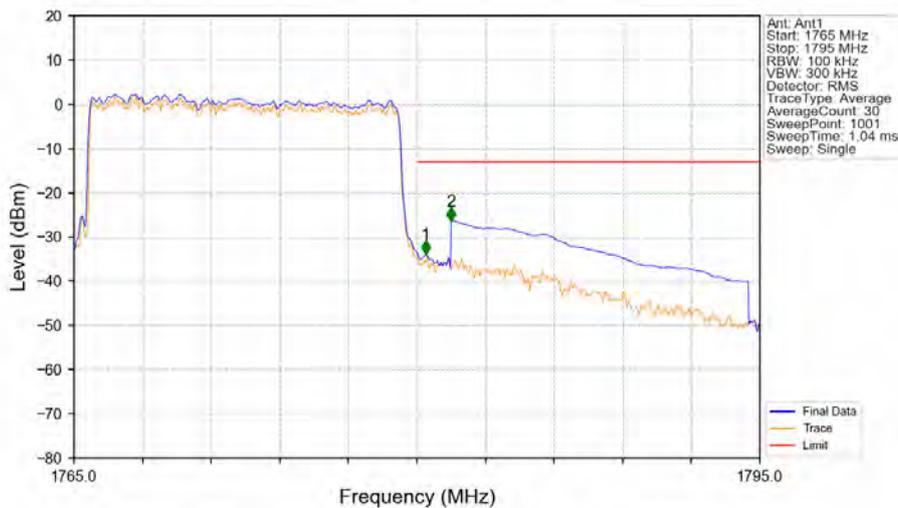


Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



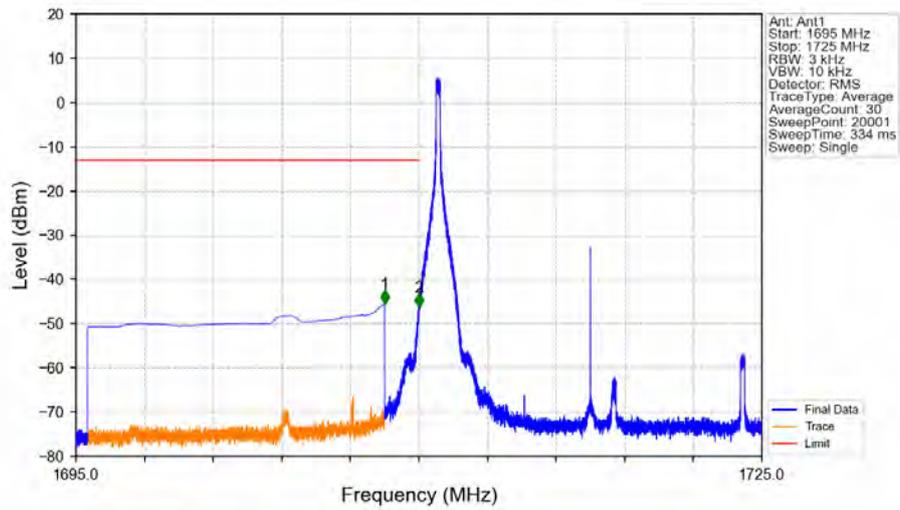
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-44.79	-13	Pass
1781	1795	1	CHP	2	1781.500	-42.78	-13	Pass

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



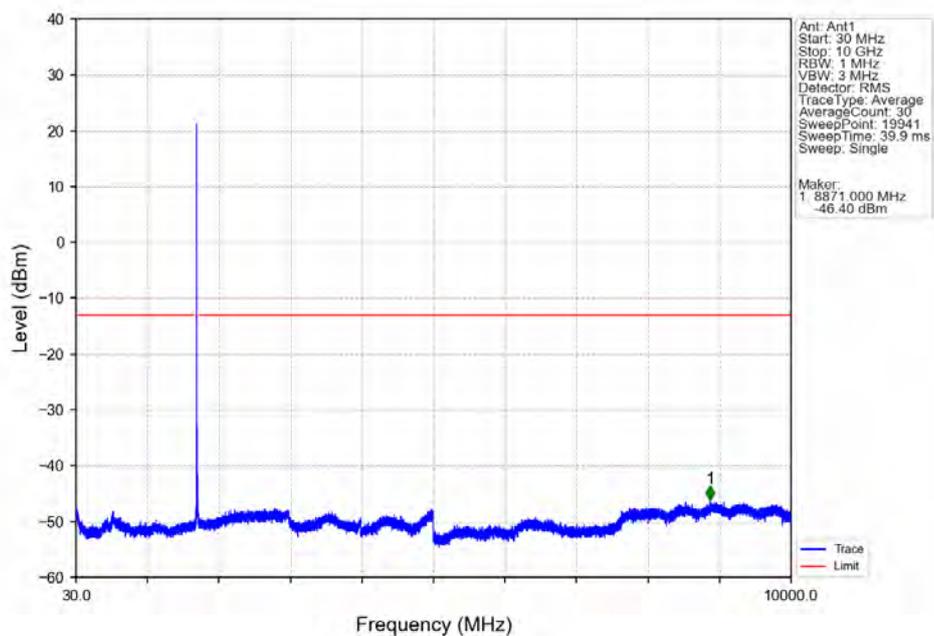
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.15	CHP	/	/	/	/	/
1780	1781	0.15	CHP	1	1780.390	-33.79	-13	Pass
1781	1795	1	CHP	2	1781.500	-26.35	-13	Pass

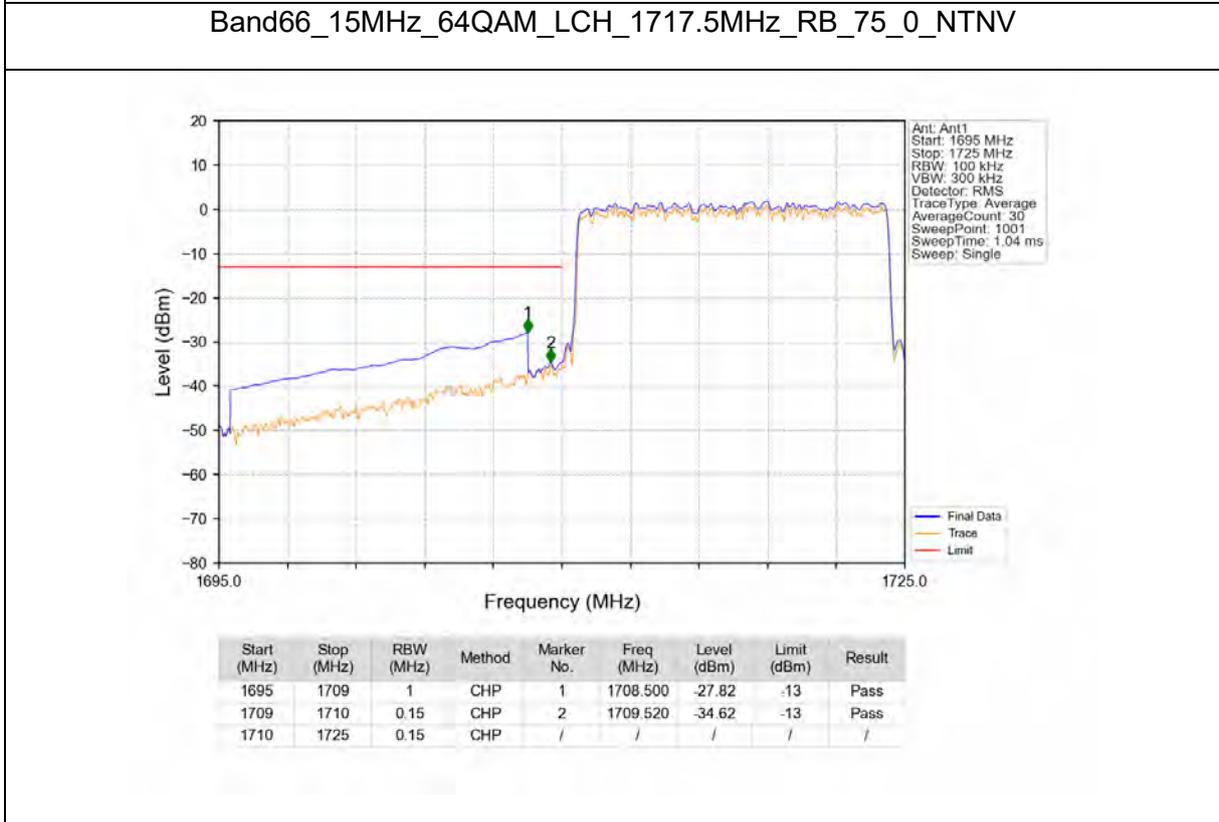
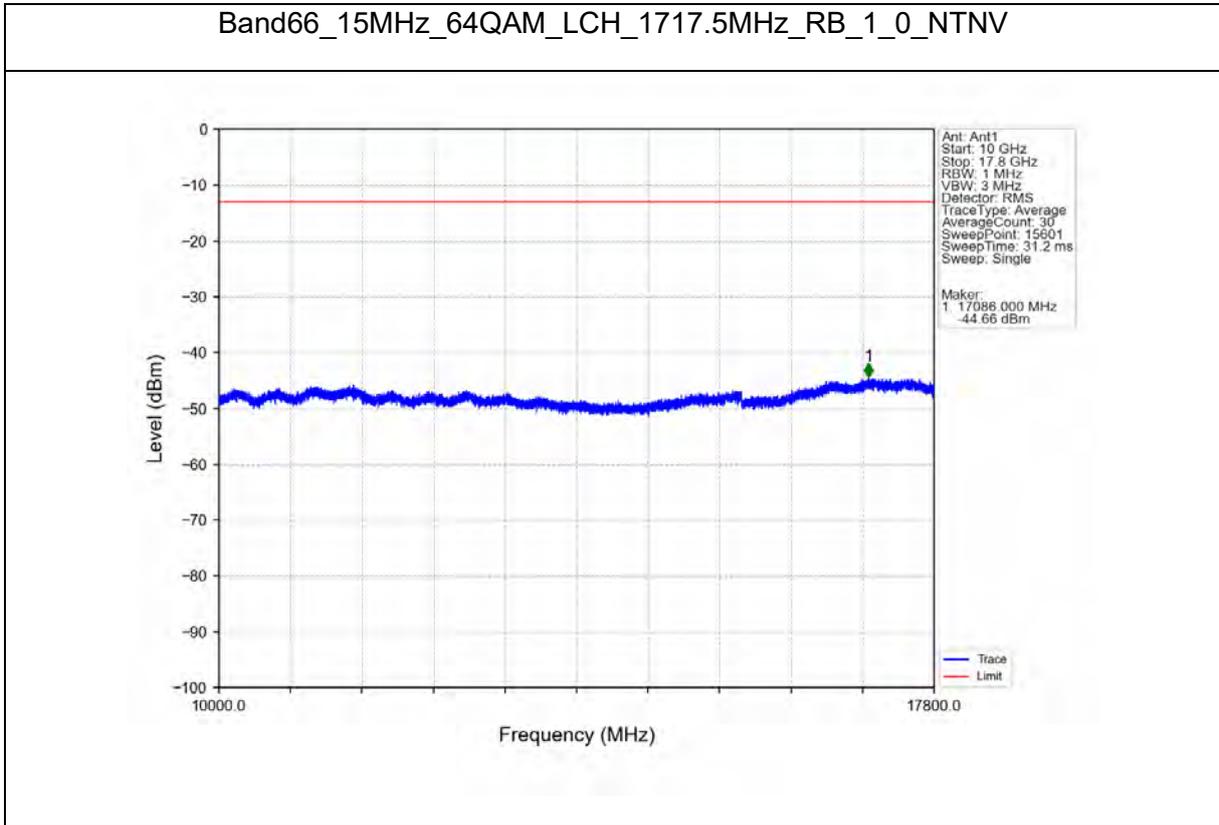
Band66_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



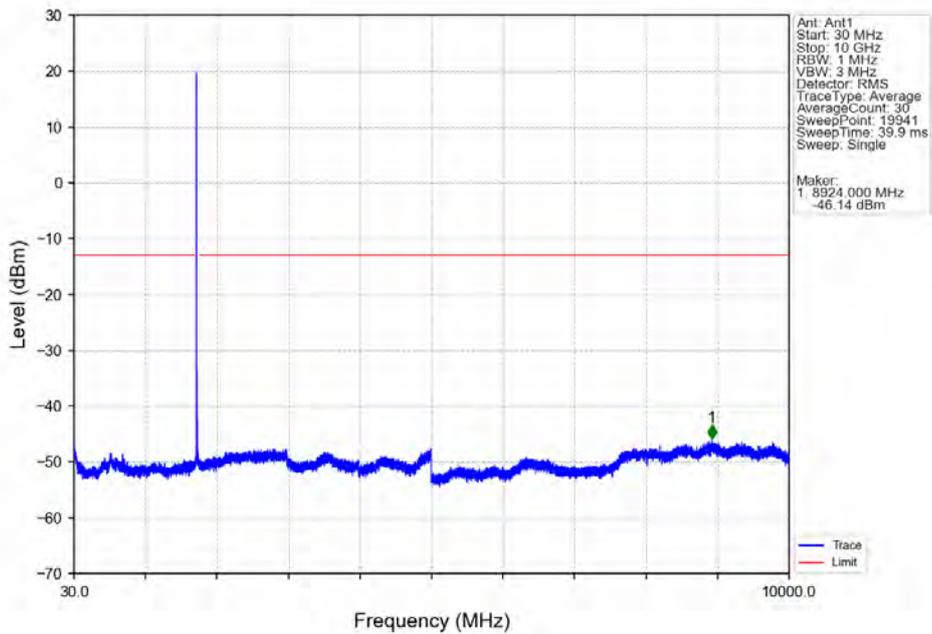
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-45.45	-13	Pass
1709	1710	0.003	/	2	1709.995	-46.25	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

Band66_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV

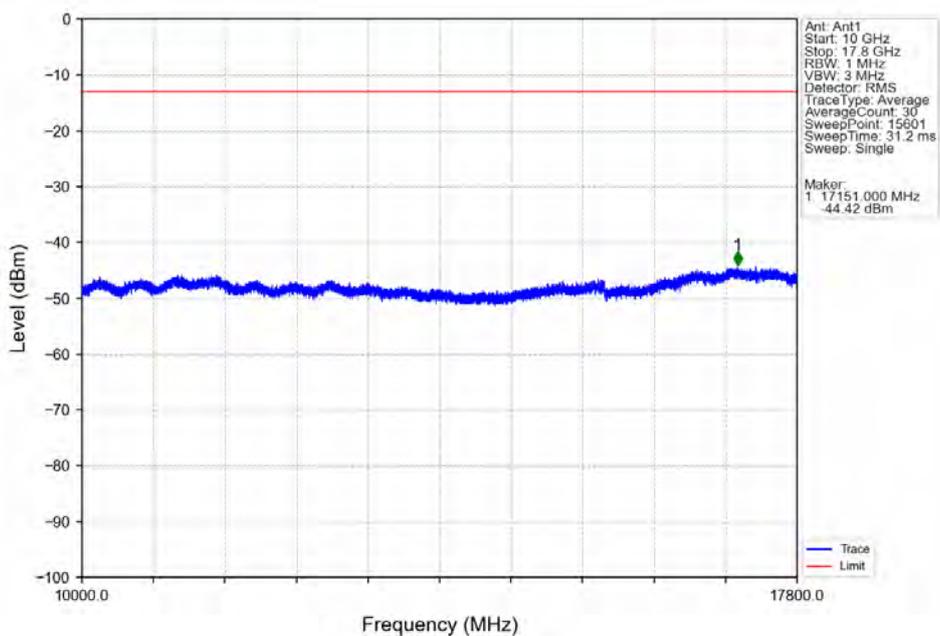




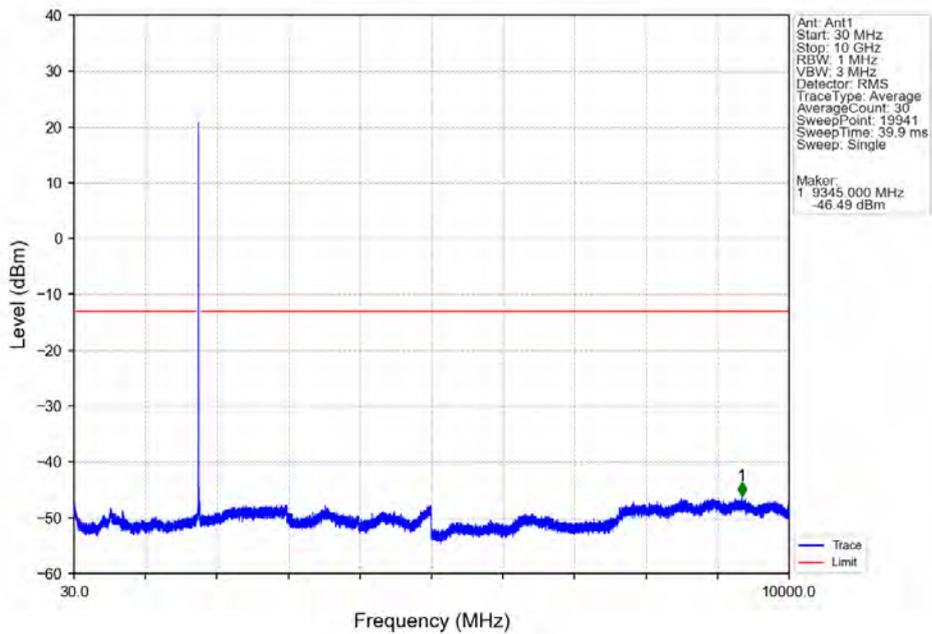
Band66_15MHz_64QAM_MCH_1745MHz_RB_1_0_NTNV



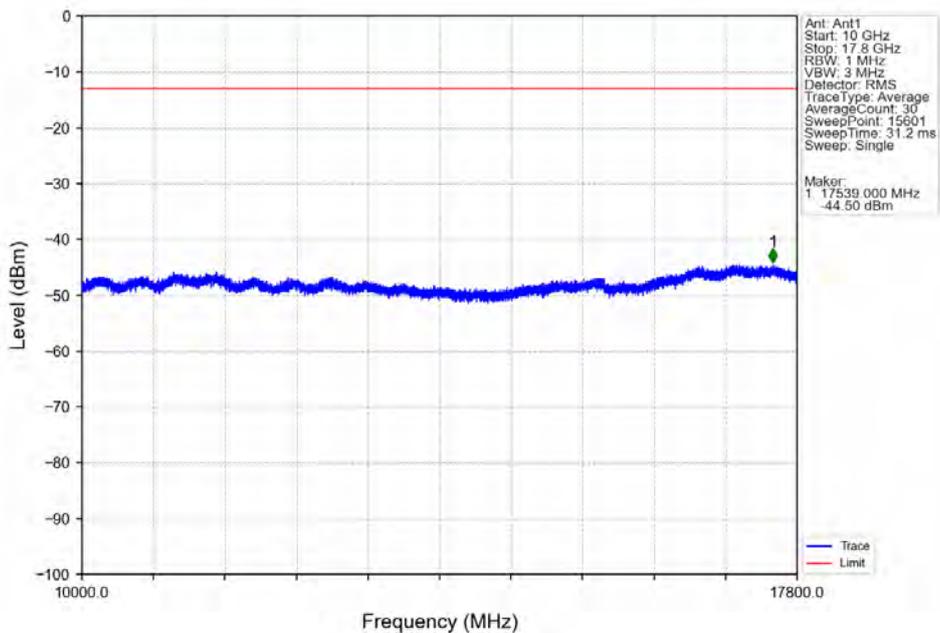
Band66_15MHz_64QAM_MCH_1745MHz_RB_1_0_NTNV



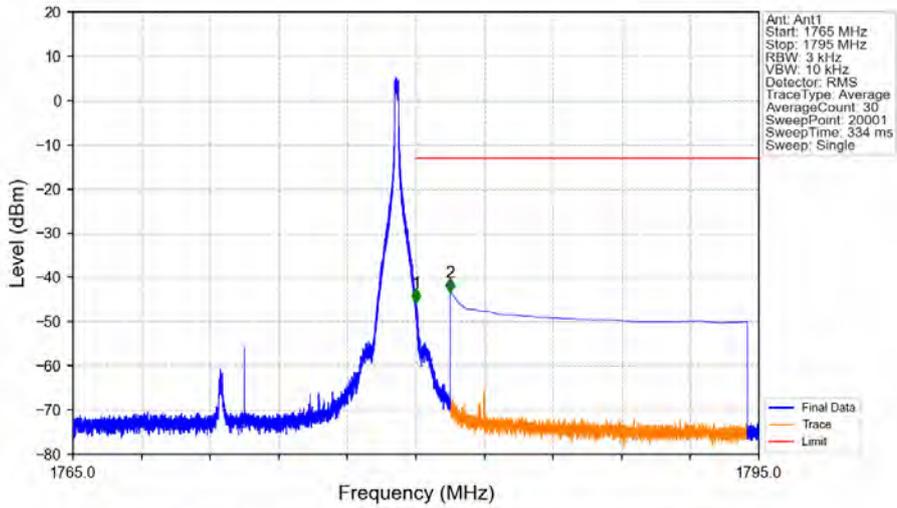
Band66_15MHz_64QAM_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_64QAM_HCH_1772.5MHz_RB_1_0_NTNV

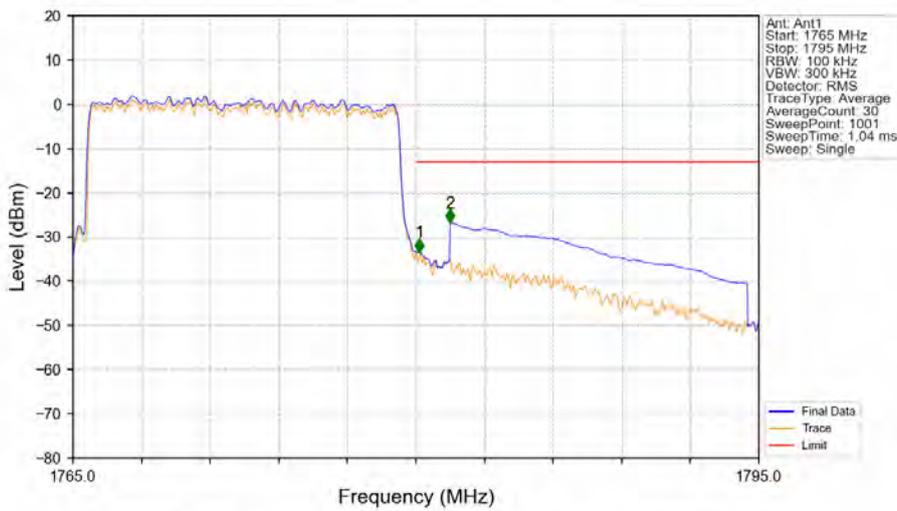


Band66_15MHz_64QAM_HCH_1772.5MHz_RB_1_74_NTNV



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	1780.003	-45.77	-13	Pass
1781	1795	1	CHP	2	1781.500	-43.35	-13	Pass

Band66_15MHz_64QAM_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	0.146	CHP	/	/	/	/	/
1780	1781	0.146	CHP	1	1780.150	-33.41	-13	Pass
1781	1795	1	CHP	2	1781.500	-26.80	-13	Pass

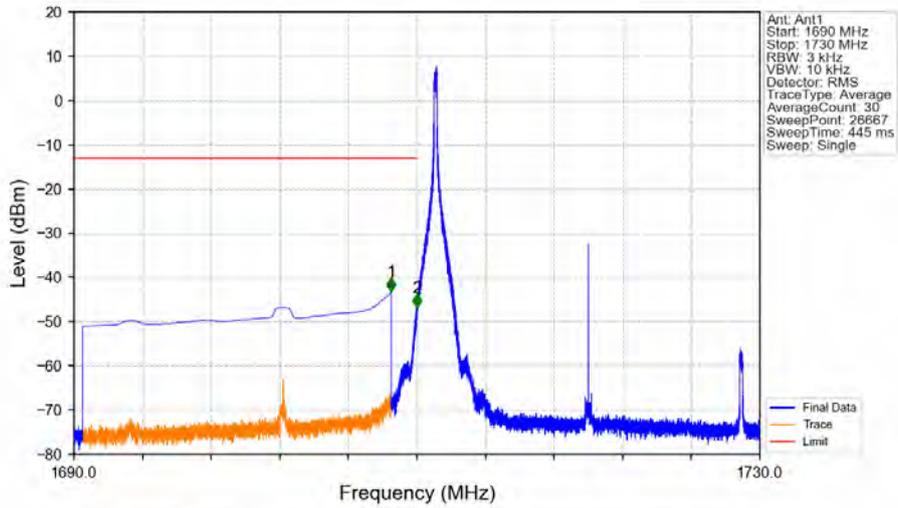


BUREAU VERITAS

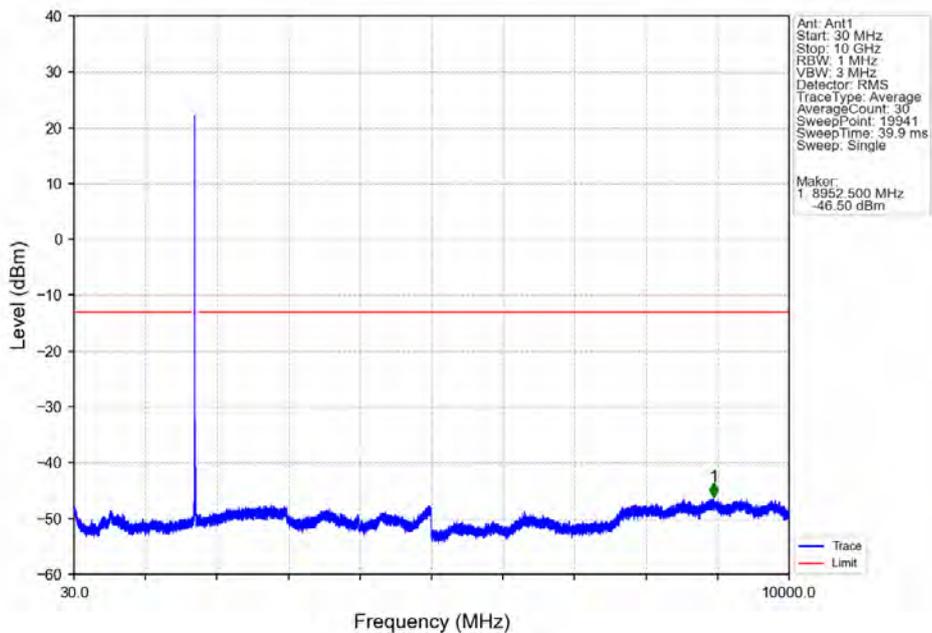
Test Report No.: PSU-NQN2504150110RF03

B66_20MHz

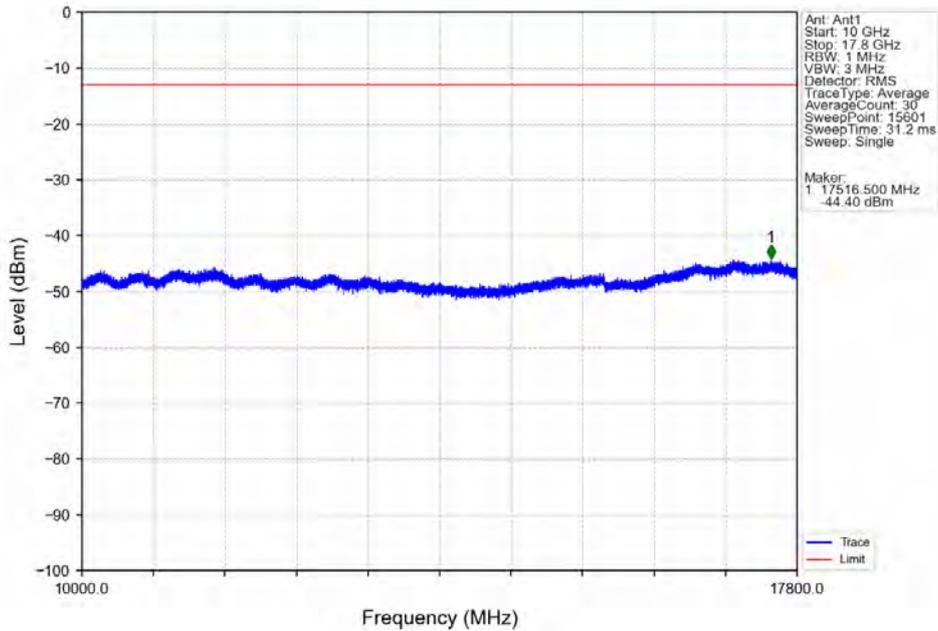
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



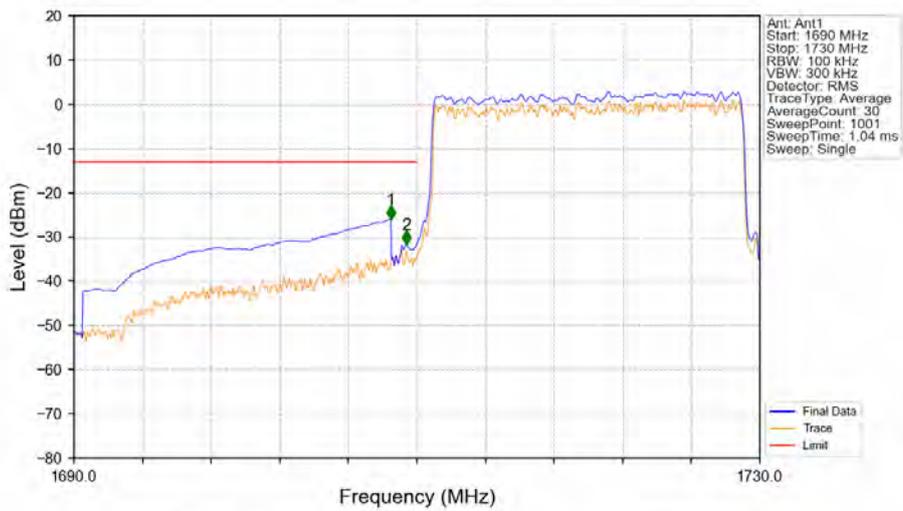
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

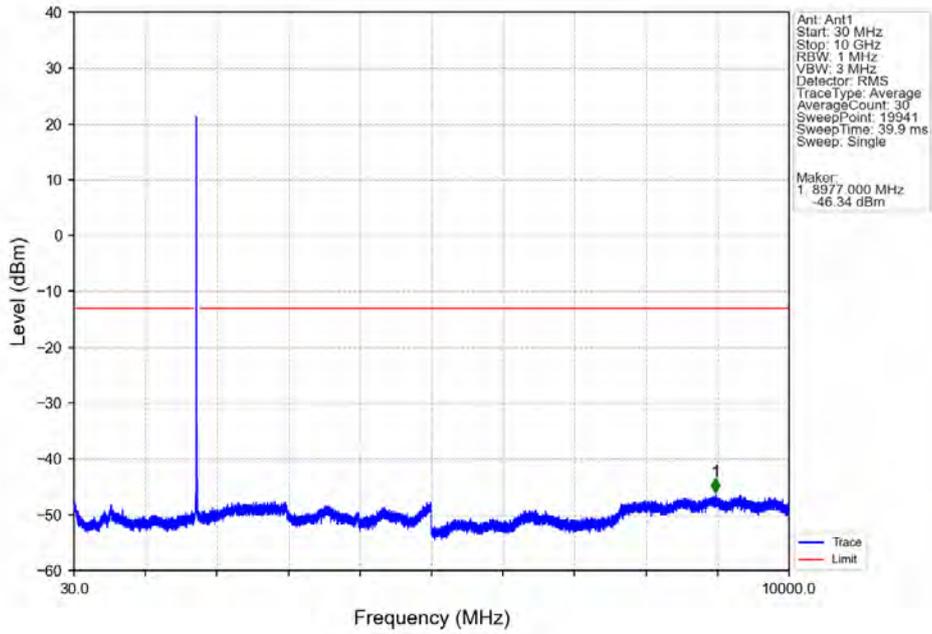


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

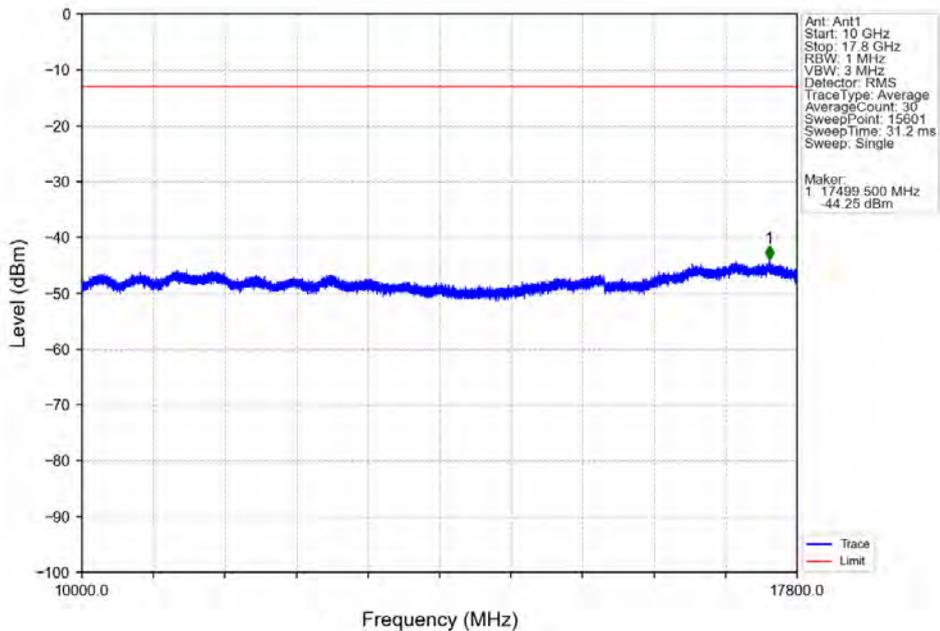


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-26.03	-13	Pass
1709	1710	0.201	CHP	2	1709.400	-31.69	-13	Pass
1710	1730	0.201	CHP	/	/	/	/	/

Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



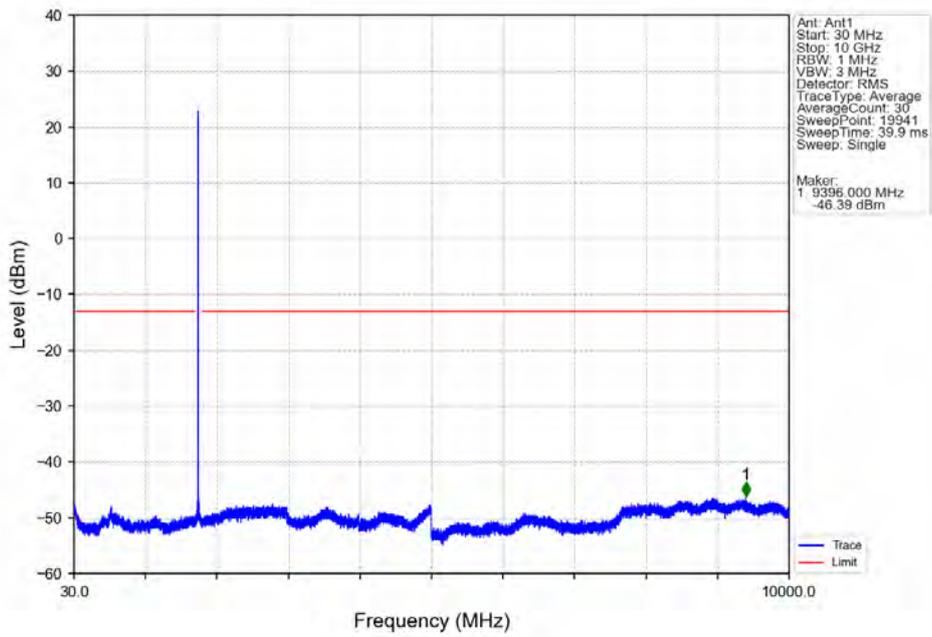
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



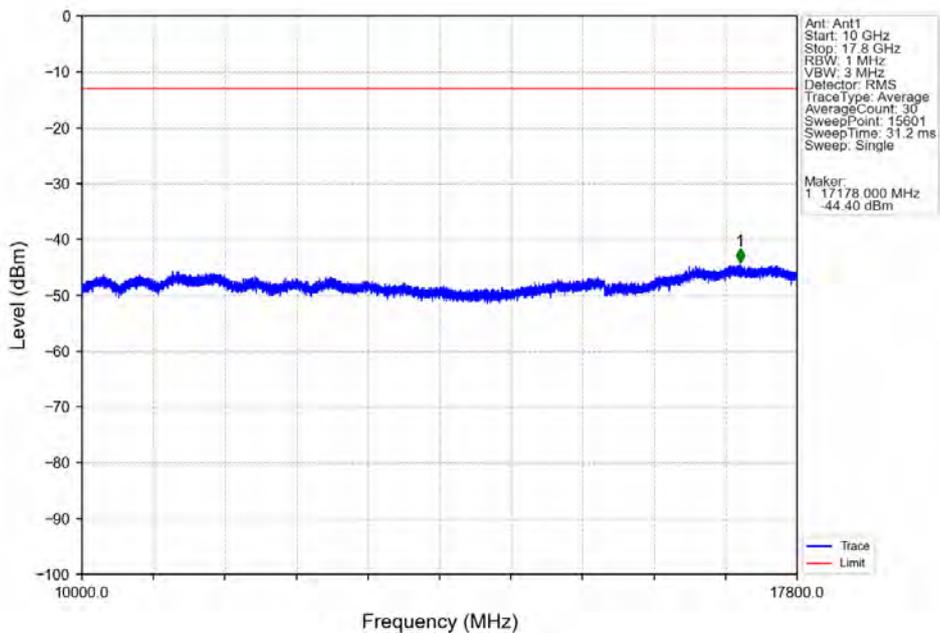


Test Report No.: PSU-NQN2504150110RF03

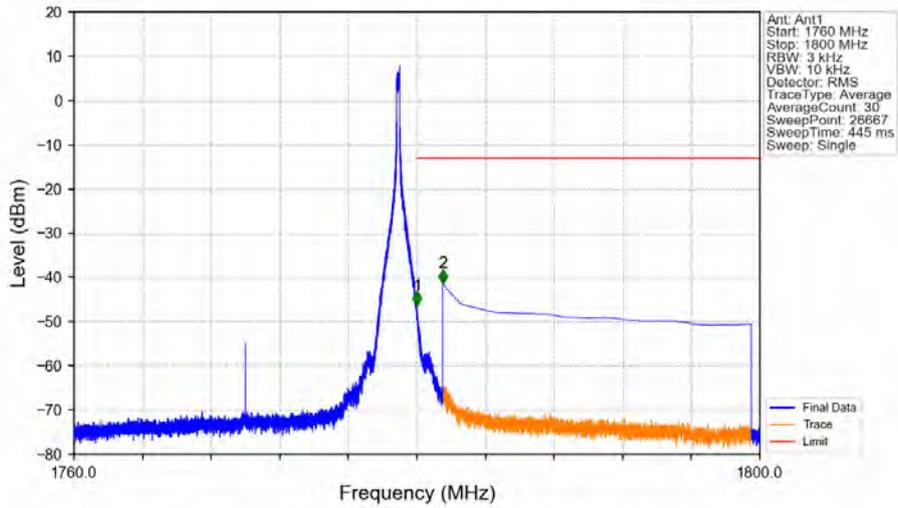
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

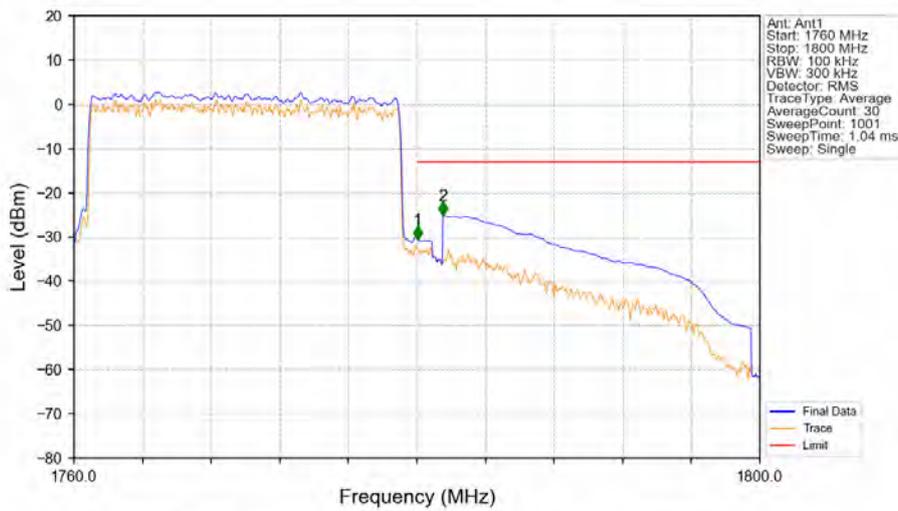


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



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	1780.007	-46.27	-13	Pass
1781	1800	1	CHP	2	1781.500	-41.24	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV

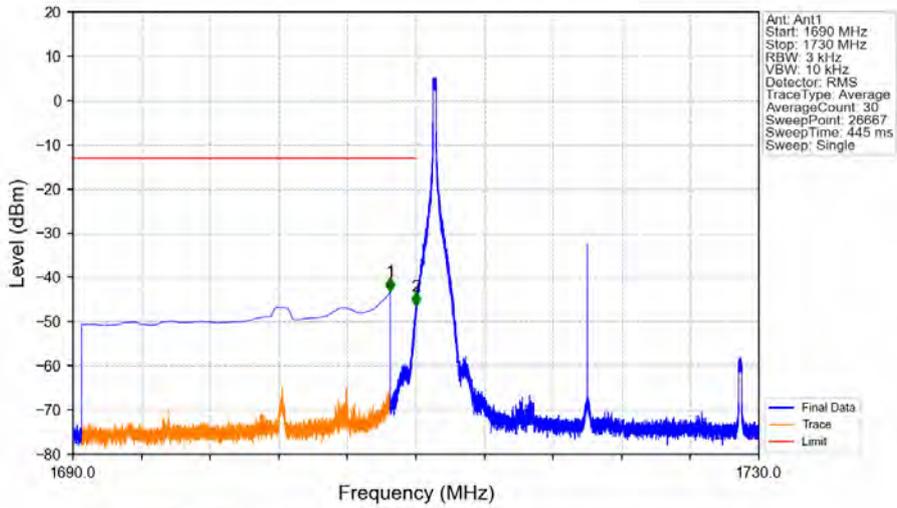


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.196	CHP	/	/	/	/	/
1780	1781	0.196	CHP	1	1780.040	-30.58	-13	Pass
1781	1800	1	CHP	2	1781.520	-25.15	-13	Pass



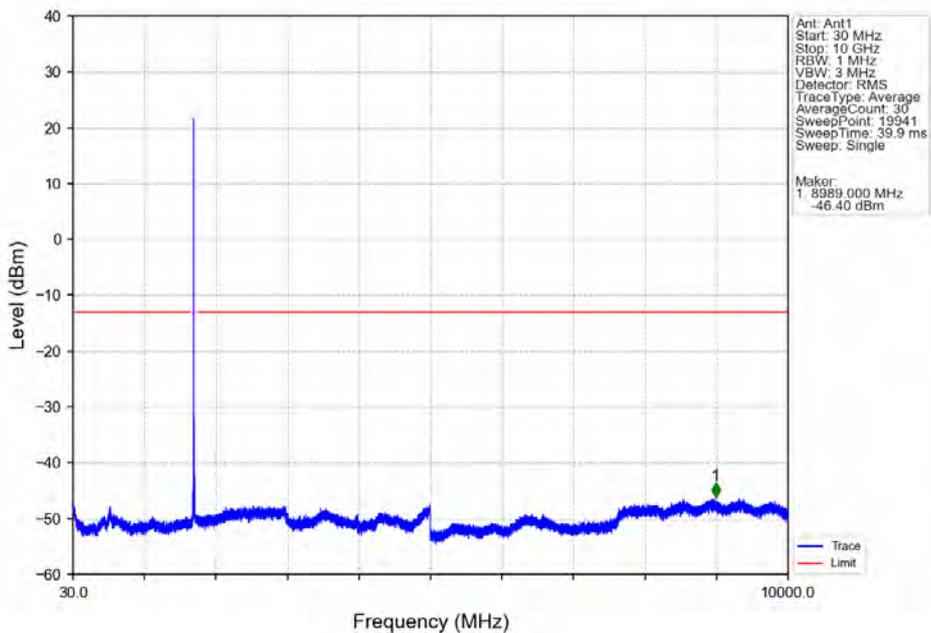
Test Report No.: PSU-NQN2504150110RF03

Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

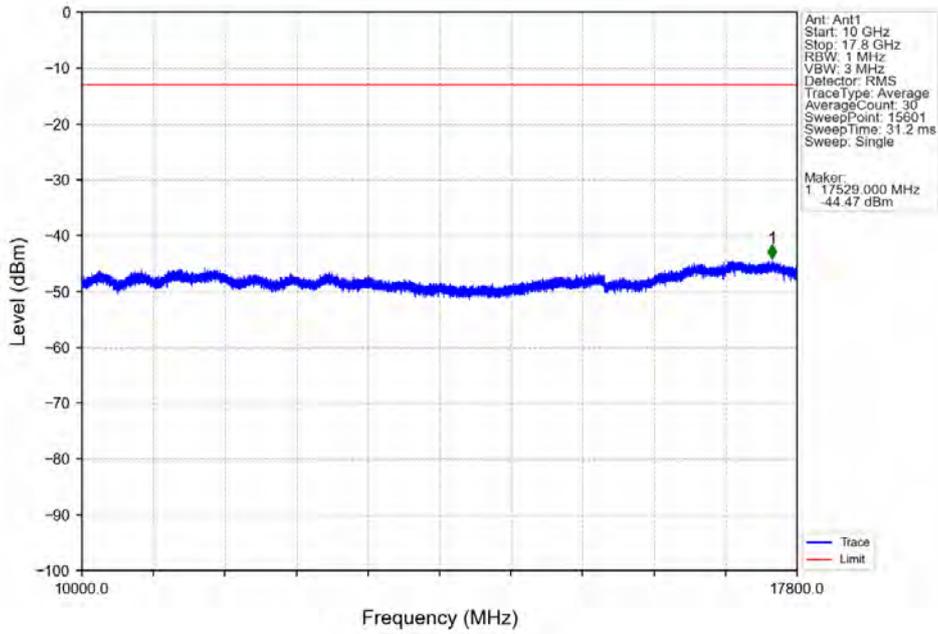


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.20	-13	Pass
1709	1710	0.003	/	2	1709.998	-46.49	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

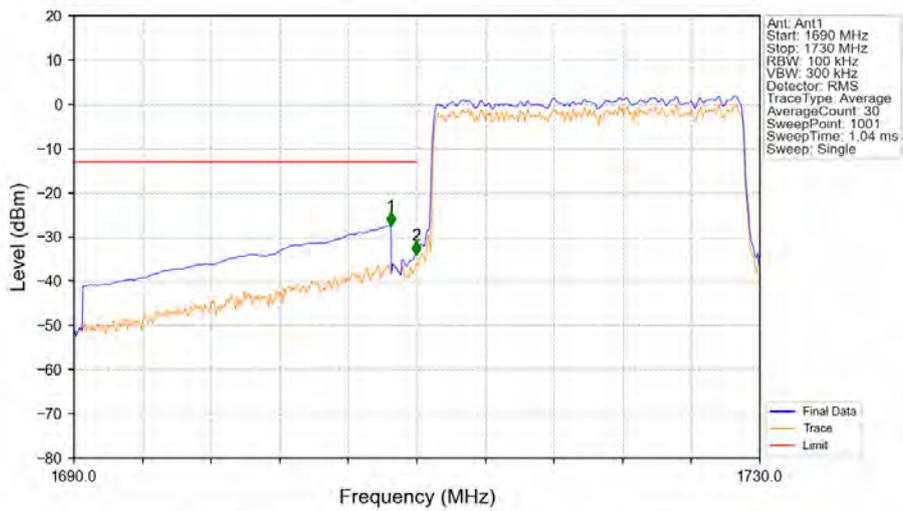
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

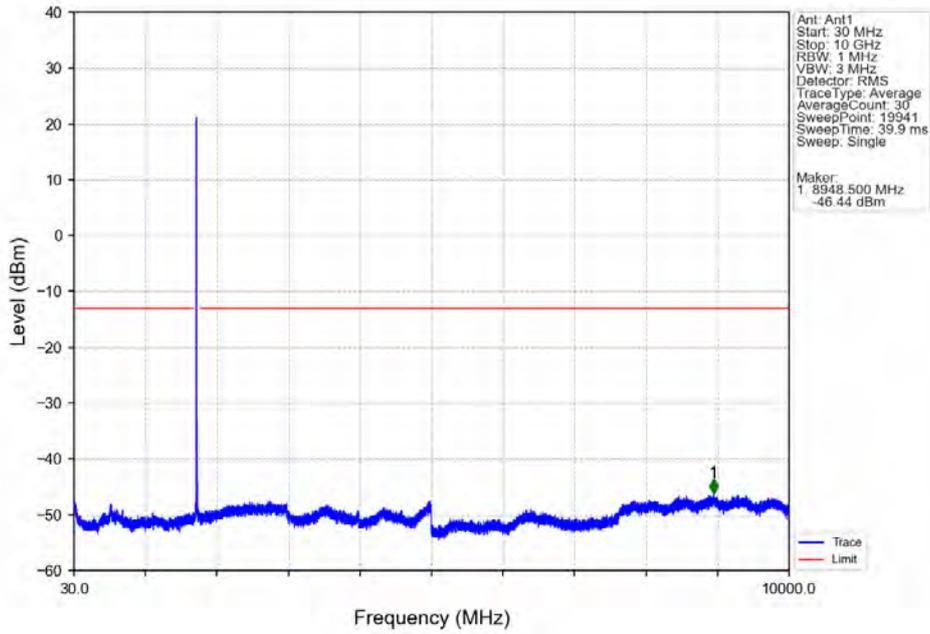


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-27.54	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-34.04	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

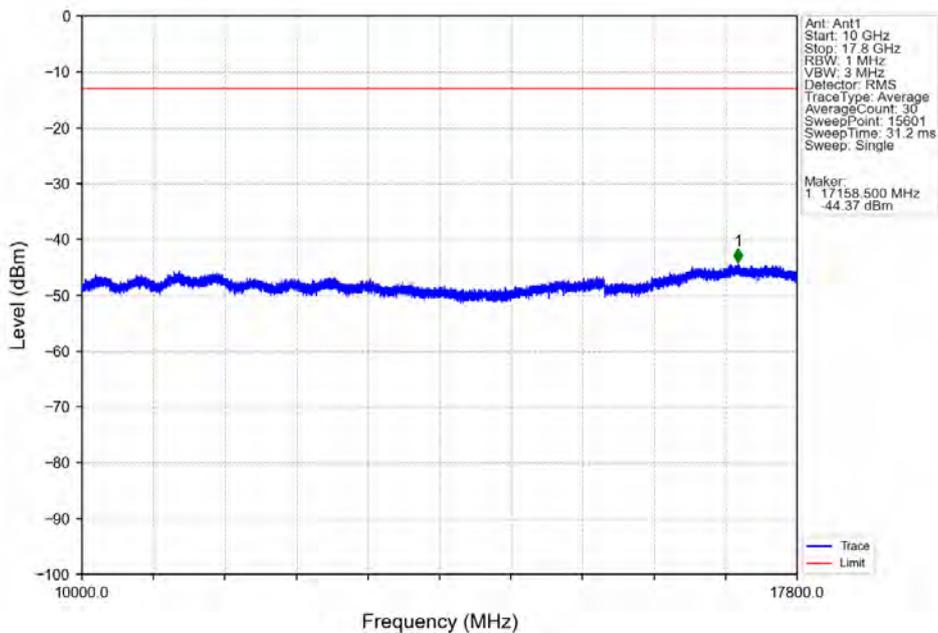


Test Report No.: PSU-NQN2504150110RF03

Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



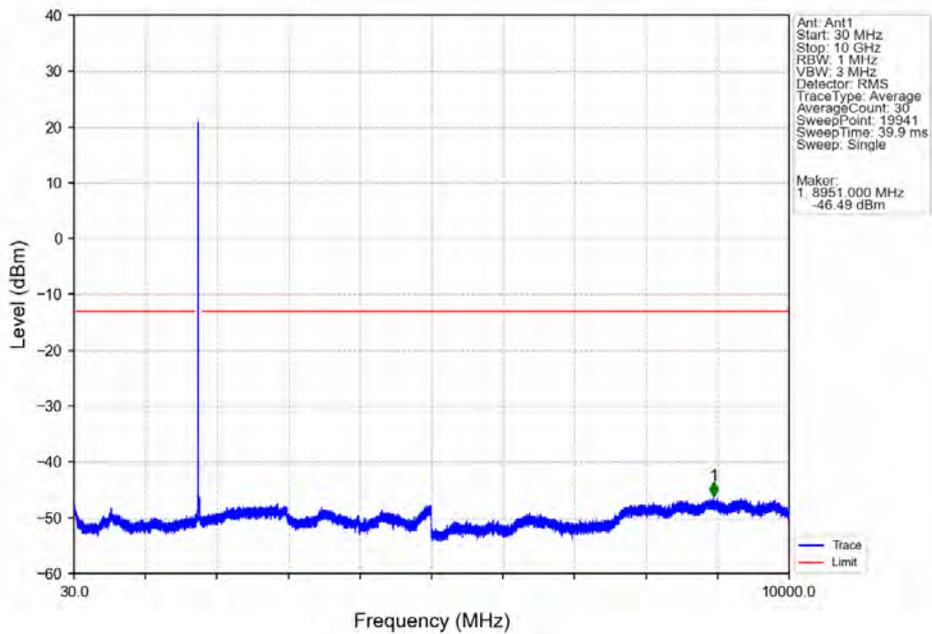
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



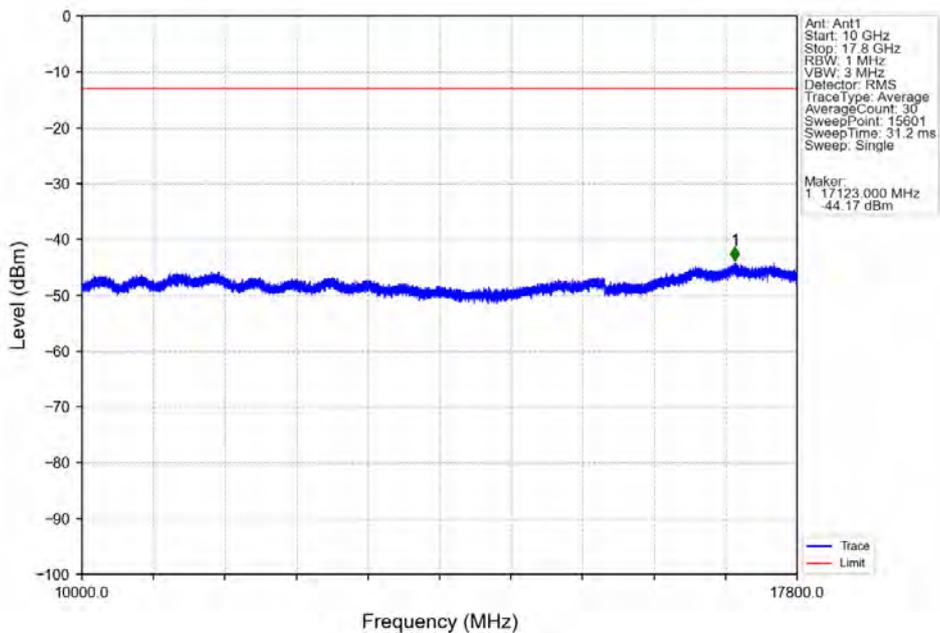


Test Report No.: PSU-NQN2504150110RF03

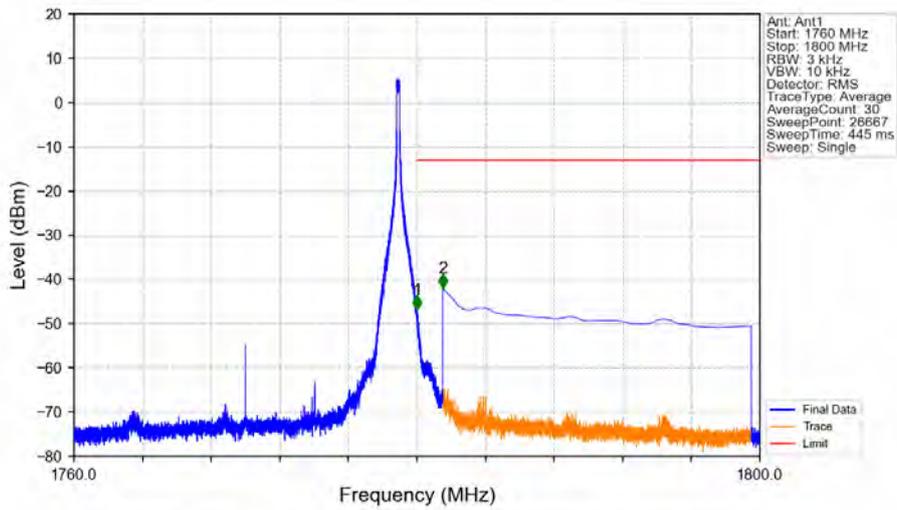
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV

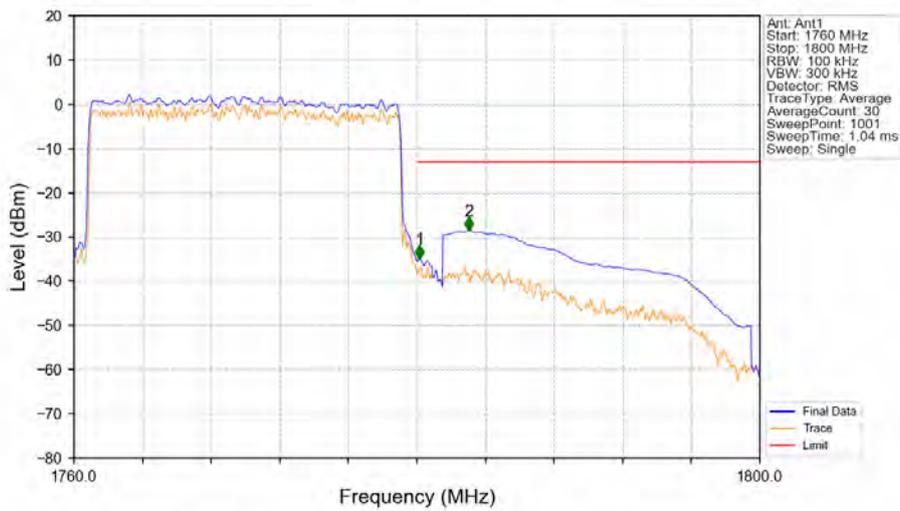


Band66_20MHz_16QAM_HCH_1770MHz_RB_1_99_NTNV



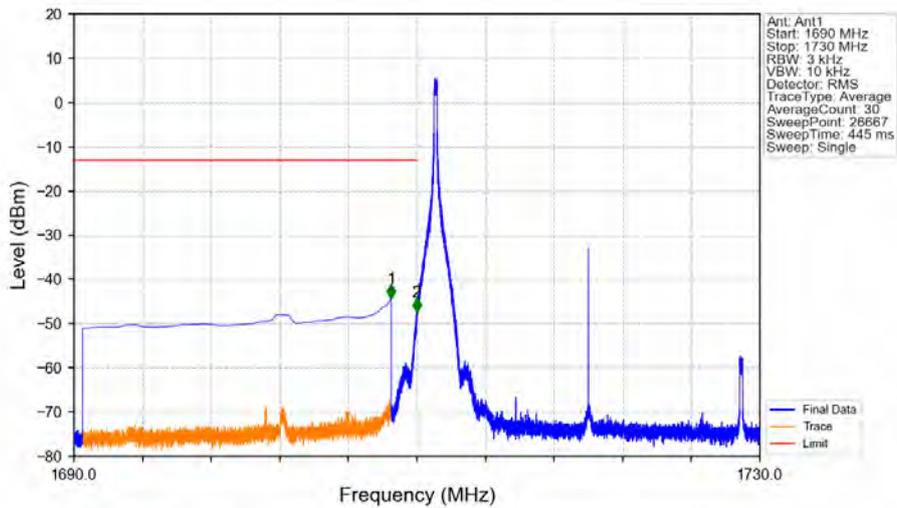
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.007	-46.74	-13	Pass
1781	1800	1	CHP	2	1781.500	-41.81	-13	Pass

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



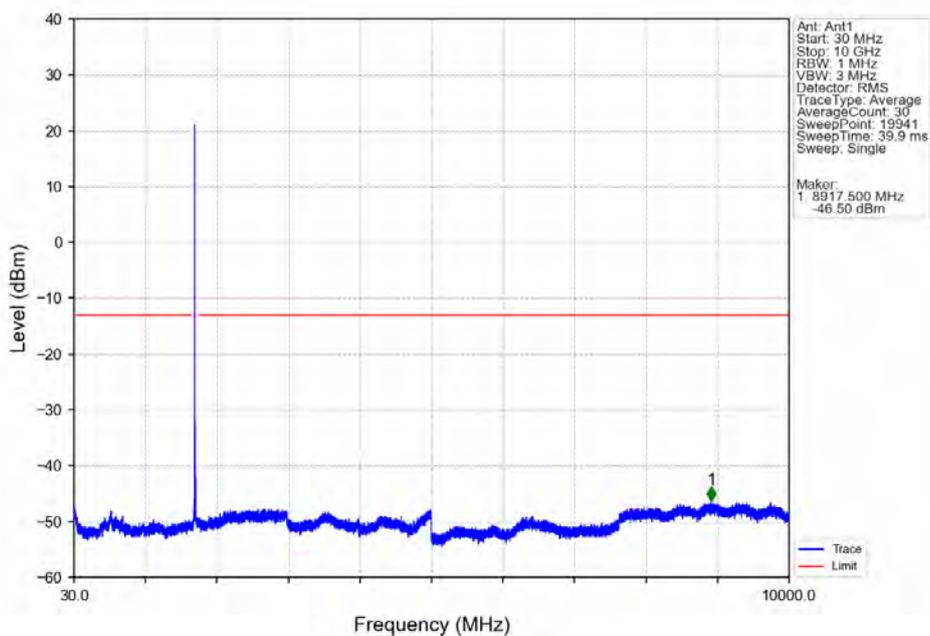
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.198	CHP	/	/	/	/	/
1780	1781	0.198	CHP	1	1780.160	-34.93	-13	Pass
1781	1800	1	CHP	2	1783.040	-28.58	-13	Pass

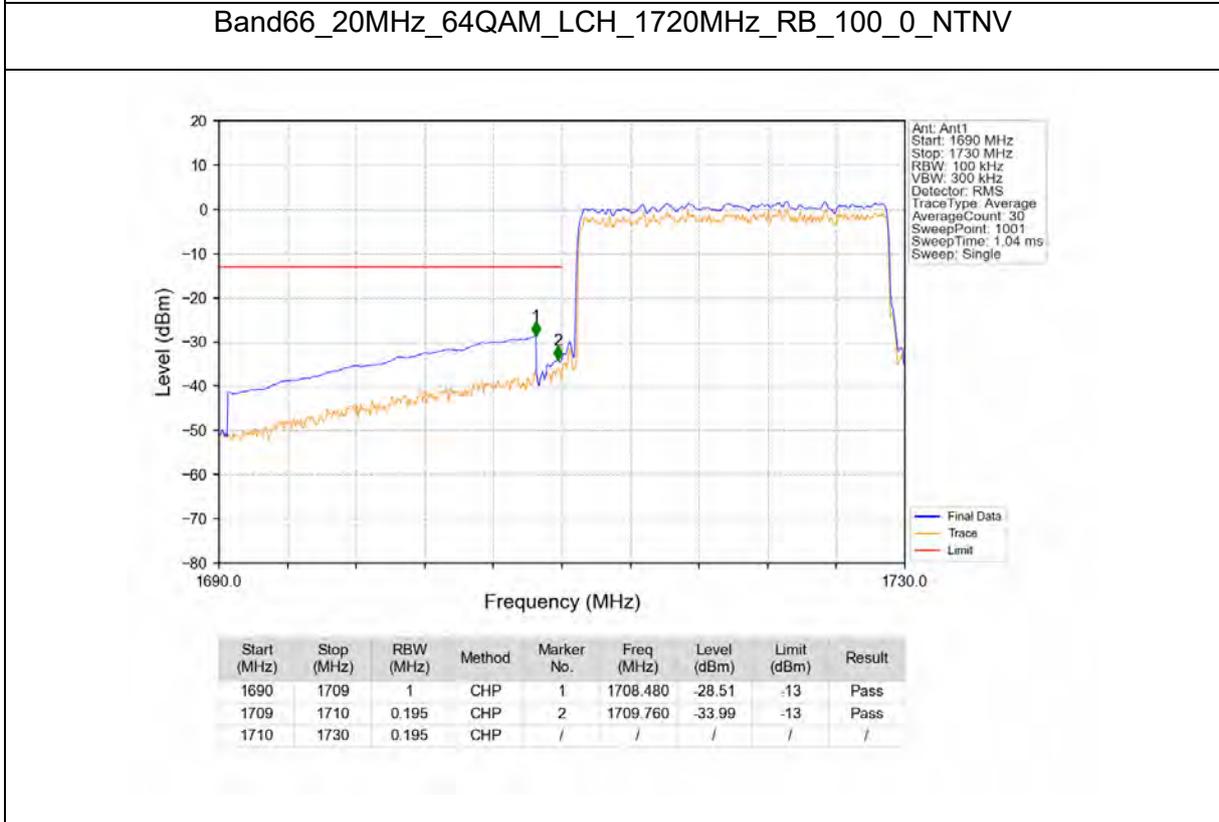
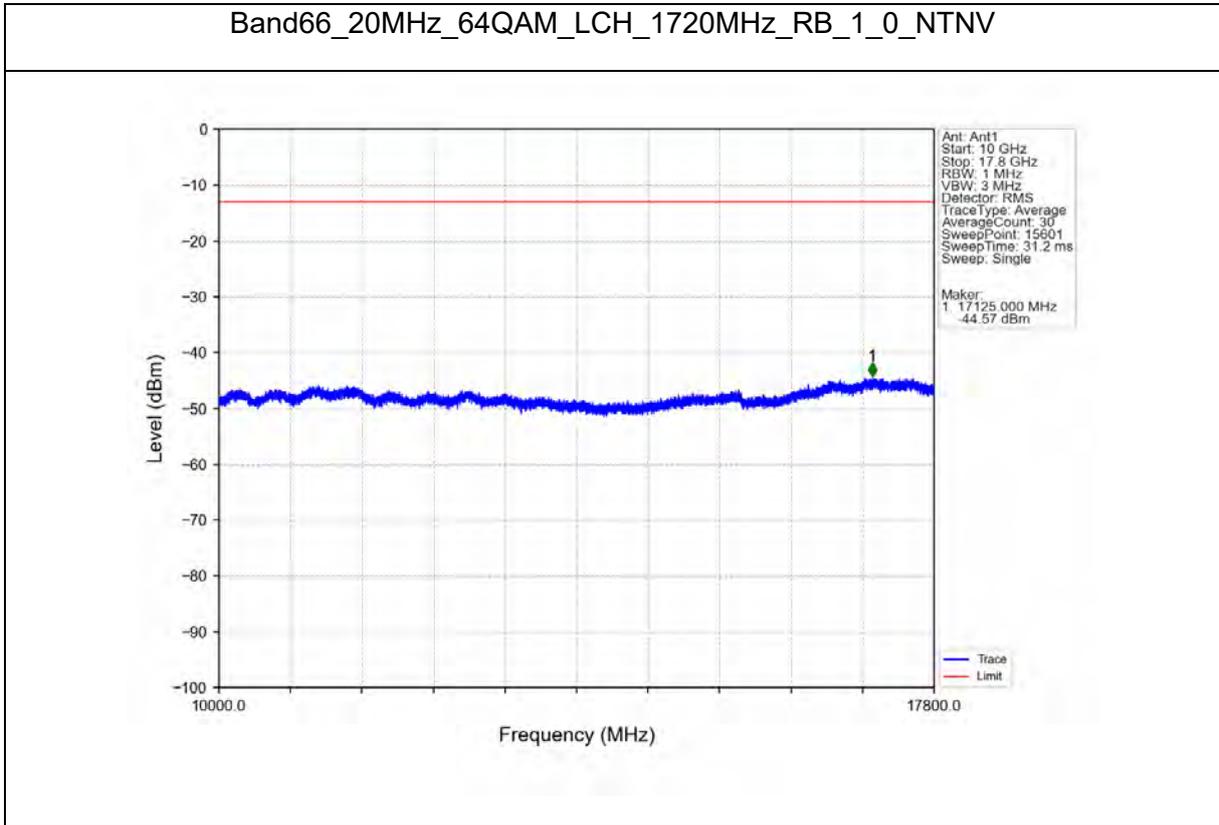
Band66_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



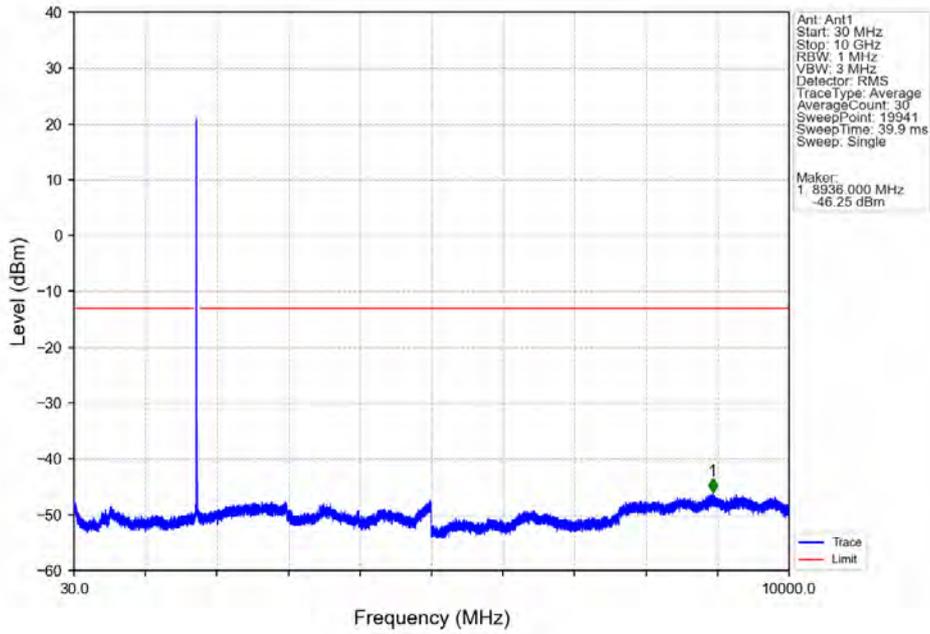
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-44.18	-13	Pass
1709	1710	0.003	/	2	1709.979	-47.31	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

Band66_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

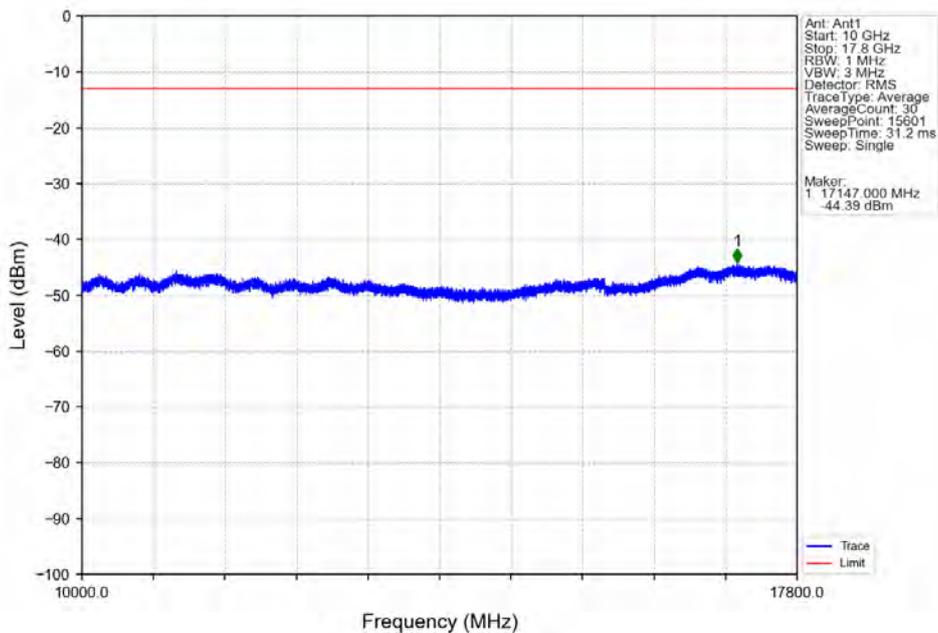




Band66_20MHz_64QAM_MCH_1745MHz_RB_1_0_NTNV

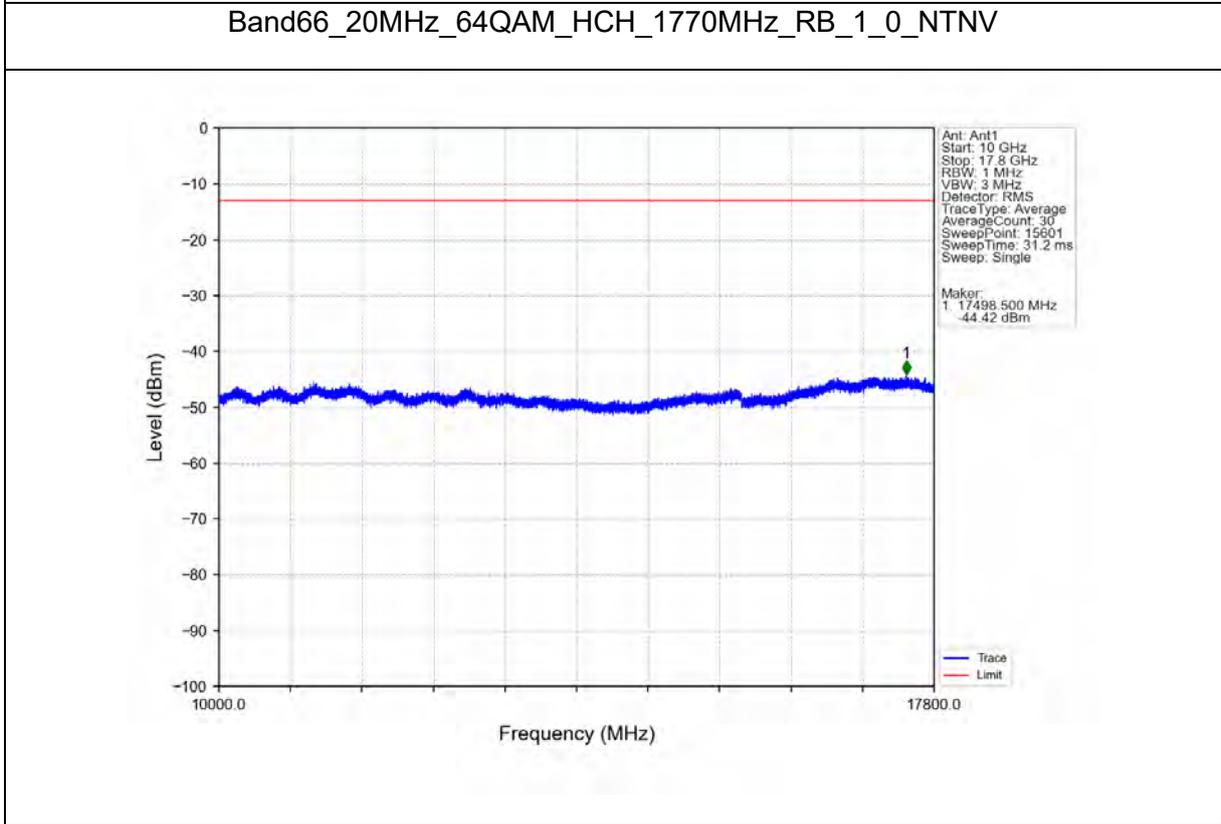
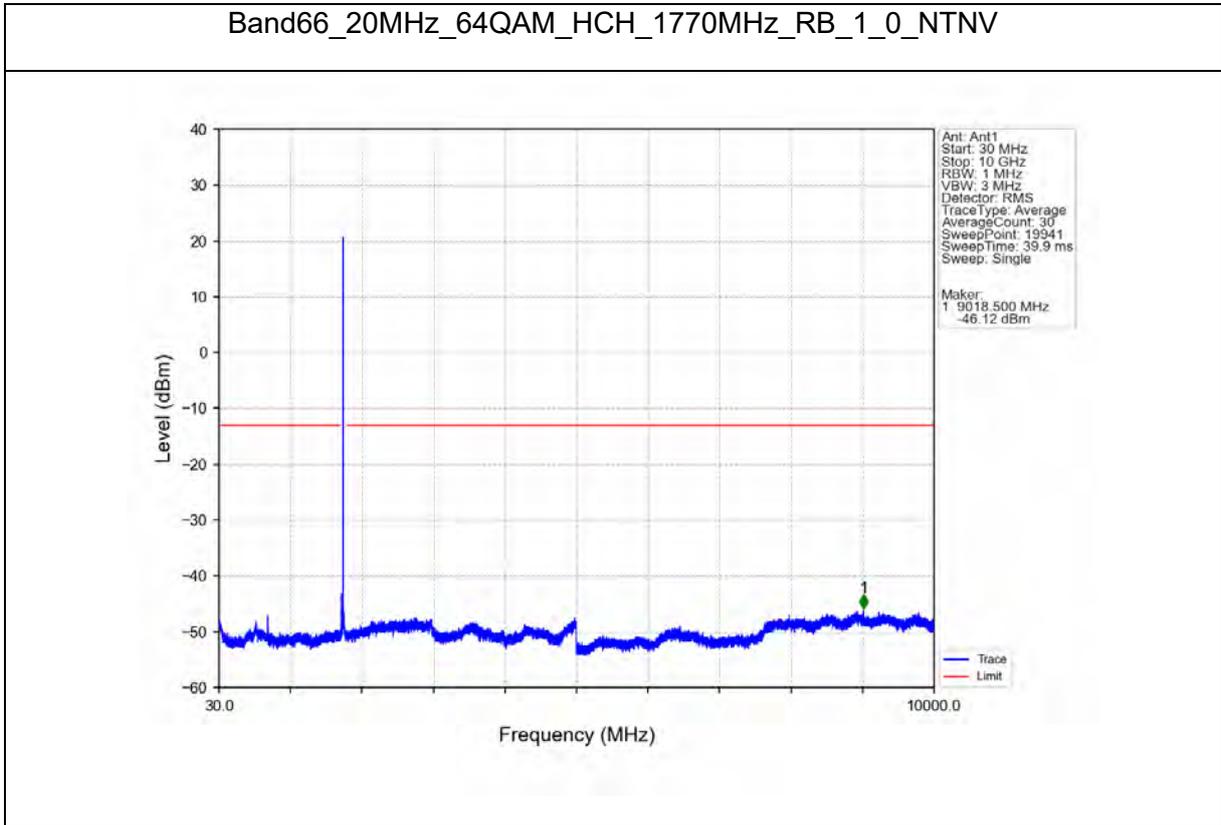


Band66_20MHz_64QAM_MCH_1745MHz_RB_1_0_NTNV

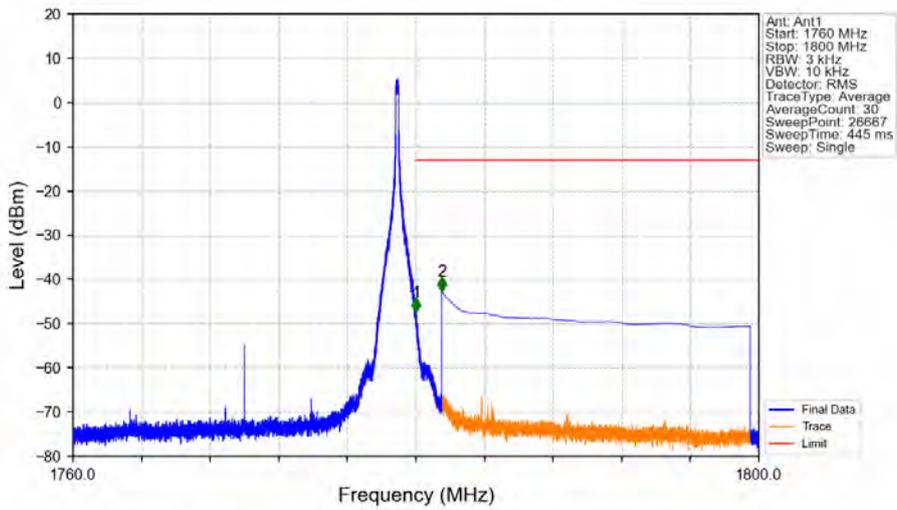




Test Report No.: PSU-NQN2504150110RF03

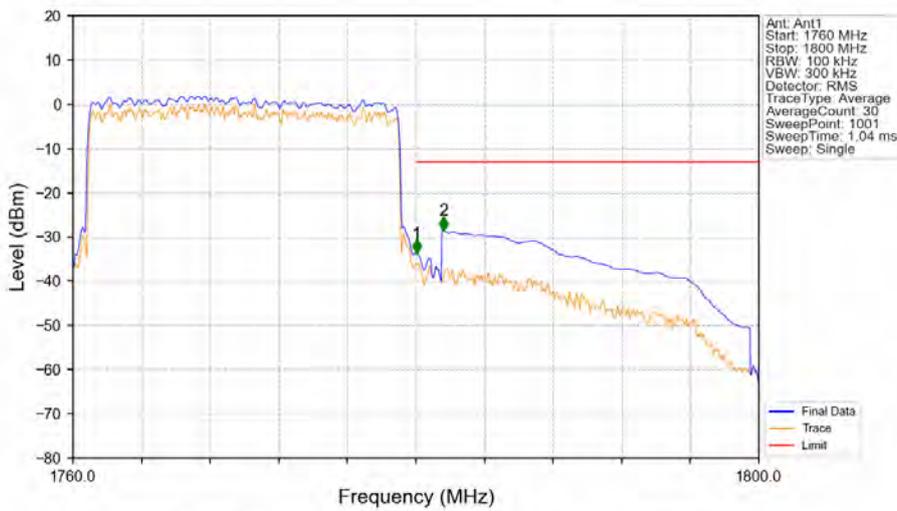


Band66_20MHz_64QAM_HCH_1770MHz_RB_1_99_NTNV



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	1780.011	-47.42	-13	Pass
1781	1800	1	CHP	2	1781.500	-42.57	-13	Pass

Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	CHP	/	/	/	/	/
1780	1781	0.2	CHP	1	1780.040	-33.65	-13	Pass
1781	1800	1	CHP	2	1781.600	-28.49	-13	Pass



FREQUENCY STABILITY

Test Result

B66_1.4MHz

Band: 66 / 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	-14.500	-0.0085	-2.5 to 2.5	Pass	
					4	-11.800	-0.0069	-2.5 to 2.5	Pass	
					4.6	-14.500	-0.0085	-2.5 to 2.5	Pass	
				5	4	-3.600	-0.0021	-2.5 to 2.5	Pass	
				15	4	-7.200	-0.0042	-2.5 to 2.5	Pass	
				25	4	-18.700	-0.0109	-2.5 to 2.5	Pass	
	1745	6	0	20	3.4	-0.200	-0.0001	-2.5 to 2.5	Pass	
					4	6.600	0.0038	-2.5 to 2.5	Pass	
					4.6	-1.000	-0.0006	-2.5 to 2.5	Pass	
				5	4	6.800	0.0039	-2.5 to 2.5	Pass	
				15	4	11.200	0.0064	-2.5 to 2.5	Pass	
				25	4	7.000	0.0040	-2.5 to 2.5	Pass	
	1779.3	6	0	20	3.4	14.100	0.0079	-2.5 to 2.5	Pass	
					4	6.500	0.0037	-2.5 to 2.5	Pass	
					4.6	11.300	0.0064	-2.5 to 2.5	Pass	
				5	4	16.100	0.0090	-2.5 to 2.5	Pass	
				15	4	18.500	0.0104	-2.5 to 2.5	Pass	
				25	4	14.300	0.0080	-2.5 to 2.5	Pass	
	16QAM	1710.7	6	0	20	3.4	-14.400	-0.0084	-2.5 to 2.5	Pass
						4	-16.600	-0.0097	-2.5 to 2.5	Pass
						4.6	-13.500	-0.0079	-2.5 to 2.5	Pass
					5	4	-18.600	-0.0109	-2.5 to 2.5	Pass
					15	4	-13.700	-0.0080	-2.5 to 2.5	Pass
					25	4	-20.700	-0.0121	-2.5 to 2.5	Pass
1745		6	0	20	3.4	16.300	0.0093	-2.5 to 2.5	Pass	
					4	7.700	0.0044	-2.5 to 2.5	Pass	
					4.6	6.700	0.0038	-2.5 to 2.5	Pass	
				5	4	10.700	0.0061	-2.5 to 2.5	Pass	
				15	4	8.300	0.0048	-2.5 to 2.5	Pass	
				25	4	8.200	0.0047	-2.5 to 2.5	Pass	
1779.3		6	0	20	3.4	10.500	0.0059	-2.5 to 2.5	Pass	
					4	2.800	0.0016	-2.5 to 2.5	Pass	
					4.6	8.400	0.0047	-2.5 to 2.5	Pass	
				5	4	10.300	0.0058	-2.5 to 2.5	Pass	
				15	4	15.100	0.0085	-2.5 to 2.5	Pass	
				25	4	10.100	0.0057	-2.5 to 2.5	Pass	
64QAM		1710.7	6	0	20	3.4	100.100	0.0585	-2.5 to 2.5	Pass
						4	5.200	0.0030	-2.5 to 2.5	Pass
						4.6	155.100	0.0907	-2.5 to 2.5	Pass
					5	4	-126.900	-0.0742	-2.5 to 2.5	Pass
					15	4	21.800	0.0127	-2.5 to 2.5	Pass
					25	4	120.400	0.0704	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	-19.800	-0.0113	-2.5 to 2.5	Pass	
					4	98.700	0.0566	-2.5 to 2.5	Pass	
					4.6	-19.800	-0.0113	-2.5 to 2.5	Pass	
				5	4	-19.800	-0.0113	-2.5 to 2.5	Pass	
				15	4	-19.800	-0.0113	-2.5 to 2.5	Pass	
				25	4	-19.800	-0.0113	-2.5 to 2.5	Pass	



Test Report No.: PSU-NQN2504150110RF03

				4.6	124.800	0.0715	-2.5 to 2.5	Pass	
				5	4	-65.800	-0.0377	-2.5 to 2.5	Pass
				15	4	134.300	0.0770	-2.5 to 2.5	Pass
				25	4	-31.900	-0.0183	-2.5 to 2.5	Pass
				35	4	61.800	0.0354	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	105.300	0.0592	-2.5 to 2.5	Pass
					4	119.600	0.0672	-2.5 to 2.5	Pass
					4.6	100.200	0.0563	-2.5 to 2.5	Pass
				5	4	-160.400	-0.0901	-2.5 to 2.5	Pass
				15	4	51.700	0.0291	-2.5 to 2.5	Pass
				25	4	-105.100	-0.0591	-2.5 to 2.5	Pass
				35	4	-122.000	-0.0686	-2.5 to 2.5	Pass

B66_3MHz

Band: 66 / 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	0.400	0.0002	-2.5 to 2.5	Pass
					4	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.6	-1.000	-0.0006	-2.5 to 2.5	Pass
				5	4	0.000	0.0000	-2.5 to 2.5	Pass
				15	4	0.400	0.0002	-2.5 to 2.5	Pass
				25	4	-1.500	-0.0009	-2.5 to 2.5	Pass
				35	4	-0.800	-0.0005	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	1.100	0.0006	-2.5 to 2.5	Pass
					4	2.700	0.0015	-2.5 to 2.5	Pass
					4.6	2.300	0.0013	-2.5 to 2.5	Pass
				5	4	1.000	0.0006	-2.5 to 2.5	Pass
				15	4	-0.100	-0.0001	-2.5 to 2.5	Pass
				25	4	-0.300	-0.0002	-2.5 to 2.5	Pass
	1778.5	15	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	-0.300	-0.0002	-2.5 to 2.5	Pass
				15	4	0.600	0.0003	-2.5 to 2.5	Pass
				25	4	-0.500	-0.0003	-2.5 to 2.5	Pass
				35	4	-2.100	-0.0012	-2.5 to 2.5	Pass
	16QAM	1711.5	15	0	20	3.4	-0.900	-0.0005	-2.5 to 2.5
4						0.300	0.0002	-2.5 to 2.5	Pass
4.6						-1.000	-0.0006	-2.5 to 2.5	Pass
5					4	-1.400	-0.0008	-2.5 to 2.5	Pass
15					4	2.600	0.0015	-2.5 to 2.5	Pass
25					4	-0.200	-0.0001	-2.5 to 2.5	Pass
35					4	0.200	0.0001	-2.5 to 2.5	Pass
1745		15	0	20	3.4	-2.100	-0.0012	-2.5 to 2.5	Pass
					4	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.6	-1.400	-0.0008	-2.5 to 2.5	Pass
				5	4	0.000	0.0000	-2.5 to 2.5	Pass
				15	4	1.100	0.0006	-2.5 to 2.5	Pass
				25	4	1.300	0.0007	-2.5 to 2.5	Pass
1778.5		15	0	20	3.4	-0.100	-0.0001	-2.5 to 2.5	Pass
					4	-1.800	-0.0010	-2.5 to 2.5	Pass
					4.6	0.700	0.0004	-2.5 to 2.5	Pass
				5	4	-0.900	-0.0005	-2.5 to 2.5	Pass
				15	4	-1.900	-0.0011	-2.5 to 2.5	Pass
				25	4	-0.600	-0.0003	-2.5 to 2.5	Pass
				35	4	-1.800	-0.0010	-2.5 to 2.5	Pass
64QAM		1711.5	15	0	20	3.4	-29.900	-0.0175	-2.5 to 2.5



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF03

				4	26.100	0.0152	-2.5 to 2.5	Pass		
				4.6	-11.200	-0.0065	-2.5 to 2.5	Pass		
				5	4	-9.900	-0.0058	-2.5 to 2.5	Pass	
				15	4	-20.600	-0.0120	-2.5 to 2.5	Pass	
				25	4	-34.600	-0.0202	-2.5 to 2.5	Pass	
				35	4	-12.300	-0.0072	-2.5 to 2.5	Pass	
	1745	15	0		20	3.4	-90.100	-0.0516	-2.5 to 2.5	Pass
					4	55.800	0.0320	-2.5 to 2.5	Pass	
					4.6	42.500	0.0244	-2.5 to 2.5	Pass	
					5	4	2.900	0.0017	-2.5 to 2.5	Pass
					15	4	-16.600	-0.0095	-2.5 to 2.5	Pass
					25	4	-15.200	-0.0087	-2.5 to 2.5	Pass
	1778.5	15	0		20	3.4	35.200	0.0198	-2.5 to 2.5	Pass
					4	-8.700	-0.0049	-2.5 to 2.5	Pass	
					4.6	30.300	0.0170	-2.5 to 2.5	Pass	
					5	4	38.300	0.0215	-2.5 to 2.5	Pass
					15	4	11.200	0.0063	-2.5 to 2.5	Pass
					25	4	76.500	0.0430	-2.5 to 2.5	Pass
				35	4	-24.500	-0.0138	-2.5 to 2.5	Pass	

B66_5MHz

Band: 66 / 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	-2.400	-0.0014	-2.5 to 2.5	Pass		
					4	-3.500	-0.0020	-2.5 to 2.5	Pass		
					4.6	-2.300	-0.0013	-2.5 to 2.5	Pass		
					5	4	-2.300	-0.0013	-2.5 to 2.5	Pass	
					15	4	-2.200	-0.0013	-2.5 to 2.5	Pass	
					25	4	-2.700	-0.0016	-2.5 to 2.5	Pass	
	1745	25	0	20	3.4	-2.200	-0.0013	-2.5 to 2.5	Pass		
					4	-0.300	-0.0002	-2.5 to 2.5	Pass		
					4.6	-1.900	-0.0011	-2.5 to 2.5	Pass		
					5	4	-1.400	-0.0008	-2.5 to 2.5	Pass	
					15	4	0.200	0.0001	-2.5 to 2.5	Pass	
					25	4	-0.500	-0.0003	-2.5 to 2.5	Pass	
	1777.5	25	0	20	3.4	1.000	0.0006	-2.5 to 2.5	Pass		
					4	-1.200	-0.0007	-2.5 to 2.5	Pass		
					4.6	0.000	0.0000	-2.5 to 2.5	Pass		
					5	4	-0.200	-0.0001	-2.5 to 2.5	Pass	
					15	4	2.600	0.0015	-2.5 to 2.5	Pass	
					25	4	0.000	0.0000	-2.5 to 2.5	Pass	
	16QAM	1712.5	25	0	20	3.4	-2.000	-0.0012	-2.5 to 2.5	Pass	
						4	-3.100	-0.0018	-2.5 to 2.5	Pass	
						4.6	-1.400	-0.0008	-2.5 to 2.5	Pass	
						5	4	-2.200	-0.0013	-2.5 to 2.5	Pass
						15	4	-2.400	-0.0014	-2.5 to 2.5	Pass
						25	4	-2.400	-0.0014	-2.5 to 2.5	Pass
1745		25	0	20	3.4	-1.300	-0.0007	-2.5 to 2.5	Pass		
					4	0.100	0.0001	-2.5 to 2.5	Pass		
					4.6	-3.600	-0.0021	-2.5 to 2.5	Pass		
					5	4	0.700	0.0004	-2.5 to 2.5	Pass	
					15	4	-1.600	-0.0009	-2.5 to 2.5	Pass	
					25	4	-2.600	-0.0015	-2.5 to 2.5	Pass	
					35	4	-0.400	-0.0002	-2.5 to 2.5	Pass	



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF03

	1777.5	25	0	20	3.4	1.800	0.0010	-2.5 to 2.5	Pass	
					4	0.300	0.0002	-2.5 to 2.5	Pass	
					4.6	2.100	0.0012	-2.5 to 2.5	Pass	
				5	4	-0.100	-0.0001	-2.5 to 2.5	Pass	
					15	4	0.700	0.0004	-2.5 to 2.5	Pass
						25	4	1.700	0.0010	-2.5 to 2.5
64QAM	1712.5	25	0	20	3.4	18.800	0.0110	-2.5 to 2.5	Pass	
					4	2.100	0.0012	-2.5 to 2.5	Pass	
					4.6	-7.500	-0.0044	-2.5 to 2.5	Pass	
				5	4	2.500	0.0015	-2.5 to 2.5	Pass	
					15	4	-13.500	-0.0079	-2.5 to 2.5	Pass
						25	4	-26.400	-0.0154	-2.5 to 2.5
	35	4	26.000	0.0152	-2.5 to 2.5	Pass				
		20	25	0	3.4	20.600	0.0118	-2.5 to 2.5	Pass	
					4	-8.800	-0.0050	-2.5 to 2.5	Pass	
	4.6				-49.000	-0.0281	-2.5 to 2.5	Pass		
	5	4	29.200	0.0167	-2.5 to 2.5	Pass				
		15	4	-46.800	-0.0268	-2.5 to 2.5	Pass			
			25	4	-39.700	-0.0228	-2.5 to 2.5	Pass		
	1777.5	25	0	20	3.4	-26.400	-0.0149	-2.5 to 2.5	Pass	
					4	-34.500	-0.0194	-2.5 to 2.5	Pass	
					4.6	1.800	0.0010	-2.5 to 2.5	Pass	
				5	4	57.500	0.0323	-2.5 to 2.5	Pass	
					15	4	-27.400	-0.0154	-2.5 to 2.5	Pass
25						4	28.700	0.0161	-2.5 to 2.5	Pass
35	4	-8.000	-0.0045	-2.5 to 2.5	Pass					

B66_10MHz

Band: 66 / 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	0.400	0.0002	-2.5 to 2.5	Pass	
					4	-0.700	-0.0004	-2.5 to 2.5	Pass	
					4.6	-1.200	-0.0007	-2.5 to 2.5	Pass	
				5	4	-5.100	-0.0030	-2.5 to 2.5	Pass	
					15	4	-2.000	-0.0012	-2.5 to 2.5	Pass
						25	4	-2.000	-0.0012	-2.5 to 2.5
	35	4	-1.400	-0.0008	-2.5 to 2.5	Pass				
		20	50	0	3.4	-1.700	-0.0010	-2.5 to 2.5	Pass	
					4	-1.700	-0.0010	-2.5 to 2.5	Pass	
	4.6				-2.800	-0.0016	-2.5 to 2.5	Pass		
	5	4	-0.800	-0.0005	-2.5 to 2.5	Pass				
		15	4	-1.800	-0.0010	-2.5 to 2.5	Pass			
			25	4	-2.400	-0.0014	-2.5 to 2.5	Pass		
	35	4	-1.800	-0.0010	-2.5 to 2.5	Pass				
		20	50	0	3.4	-1.900	-0.0011	-2.5 to 2.5	Pass	
					4	-1.600	-0.0009	-2.5 to 2.5	Pass	
	4.6				-1.400	-0.0008	-2.5 to 2.5	Pass		
	5	4	0.300	0.0002	-2.5 to 2.5	Pass				
15		4	-0.300	-0.0002	-2.5 to 2.5	Pass				
		25	4	-2.200	-0.0012	-2.5 to 2.5	Pass			
35	4	0.900	0.0005	-2.5 to 2.5	Pass					
	20	50	0	3.4	-1.500	-0.0009	-2.5 to 2.5	Pass		
				4	-0.400	-0.0002	-2.5 to 2.5	Pass		
4.6				-2.600	-0.0015	-2.5 to 2.5	Pass			
5	1715	50	0	4	-0.400	-0.0002	-2.5 to 2.5	Pass		
				15	4	-1.200	-0.0007	-2.5 to 2.5	Pass	
					25	4	-2.300	-0.0013	-2.5 to 2.5	Pass



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF03

	1745	50	0	35	4	-0.200	-0.0001	-2.5 to 2.5	Pass
				20	3.4	-1.200	-0.0007	-2.5 to 2.5	Pass
					4	0.100	0.0001	-2.5 to 2.5	Pass
					4.6	0.900	0.0005	-2.5 to 2.5	Pass
				5	4	-2.700	-0.0015	-2.5 to 2.5	Pass
				15	4	-2.200	-0.0013	-2.5 to 2.5	Pass
				25	4	-1.800	-0.0010	-2.5 to 2.5	Pass
	35	4	-0.600	-0.0003	-2.5 to 2.5	Pass			
	1775	50	0	20	3.4	-1.100	-0.0006	-2.5 to 2.5	Pass
					4	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.6	-0.900	-0.0005	-2.5 to 2.5	Pass
				5	4	-1.700	-0.0010	-2.5 to 2.5	Pass
				15	4	-4.700	-0.0026	-2.5 to 2.5	Pass
				25	4	1.800	0.0010	-2.5 to 2.5	Pass
35				4	-0.800	-0.0005	-2.5 to 2.5	Pass	
64QAM	1715	50	0	20	3.4	12.200	0.0071	-2.5 to 2.5	Pass
					4	-16.300	-0.0095	-2.5 to 2.5	Pass
					4.6	10.200	0.0059	-2.5 to 2.5	Pass
				5	4	-25.000	-0.0146	-2.5 to 2.5	Pass
				15	4	-11.800	-0.0069	-2.5 to 2.5	Pass
				25	4	5.500	0.0032	-2.5 to 2.5	Pass
				35	4	16.200	0.0094	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	-3.100	-0.0018	-2.5 to 2.5	Pass
					4	-5.900	-0.0034	-2.5 to 2.5	Pass
					4.6	-19.200	-0.0110	-2.5 to 2.5	Pass
				5	4	2.800	0.0016	-2.5 to 2.5	Pass
				15	4	-28.400	-0.0163	-2.5 to 2.5	Pass
				25	4	-1.300	-0.0007	-2.5 to 2.5	Pass
				35	4	-12.000	-0.0069	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	-15.600	-0.0088	-2.5 to 2.5	Pass
					4	-26.200	-0.0148	-2.5 to 2.5	Pass
					4.6	0.100	0.0001	-2.5 to 2.5	Pass
				5	4	29.200	0.0165	-2.5 to 2.5	Pass
				15	4	-26.000	-0.0146	-2.5 to 2.5	Pass
				25	4	0.600	0.0003	-2.5 to 2.5	Pass
				35	4	-16.100	-0.0091	-2.5 to 2.5	Pass

B66_15MHz

Band: 66 / 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	0.700	0.0004	-2.5 to 2.5	Pass
					4	1.300	0.0008	-2.5 to 2.5	Pass
					4.6	1.800	0.0010	-2.5 to 2.5	Pass
				5	4	-3.500	-0.0020	-2.5 to 2.5	Pass
				15	4	2.500	0.0015	-2.5 to 2.5	Pass
				25	4	0.300	0.0002	-2.5 to 2.5	Pass
				35	4	0.200	0.0001	-2.5 to 2.5	Pass
	1745	75	0	20	3.4	-1.000	-0.0006	-2.5 to 2.5	Pass
					4	1.800	0.0010	-2.5 to 2.5	Pass
					4.6	0.300	0.0002	-2.5 to 2.5	Pass
				5	4	0.600	0.0003	-2.5 to 2.5	Pass
				15	4	0.700	0.0004	-2.5 to 2.5	Pass
				25	4	-2.600	-0.0015	-2.5 to 2.5	Pass
				35	4	-1.500	-0.0009	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.4	-1.600	-0.0009	-2.5 to 2.5	Pass
					4	-1.300	-0.0007	-2.5 to 2.5	Pass
				4.6	-3.000	-0.0017	-2.5 to 2.5	Pass	
				5	4	-1.200	-0.0007	-2.5 to 2.5	Pass
	15	4	0.100	0.0001	-2.5 to 2.5	Pass			



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF03

Modulation	Frequency (MHz)	RB Allocation Size	Offset	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict																	
							Result	Limit																		
16QAM	1717.5	75	0	25	4	-3.600	-0.0020	-2.5 to 2.5	Pass																	
										35	4	-2.300	-0.0013	-2.5 to 2.5	Pass											
																20	3.4	1.400	0.0008	-2.5 to 2.5	Pass					
																						4	1.400	0.0008	-2.5 to 2.5	Pass
																5	4	2.500	0.0015	-2.5 to 2.5	Pass					
																15	4	0.800	0.0005	-2.5 to 2.5	Pass					
																25	4	1.100	0.0006	-2.5 to 2.5	Pass					
	35	4	0.800	0.0005	-2.5 to 2.5	Pass																				
	1745	75	0	20	3.4	-2.700	-0.0015	-0.0015	-2.5 to 2.5	Pass																
											4	-1.400	-0.0008	-2.5 to 2.5	Pass											
																4.6	-0.200	-0.0001	-2.5 to 2.5	Pass						
											5	4	-2.600	-0.0015	-2.5 to 2.5	Pass										
											15	4	0.000	0.0000	-2.5 to 2.5	Pass										
											25	4	-0.400	-0.0002	-2.5 to 2.5	Pass										
											35	4	-0.600	-0.0003	-2.5 to 2.5	Pass										
											1772.5	75	0	20	3.4	-2.600	-0.0015	-0.0015	-2.5 to 2.5	Pass						
	4	-2.500	-0.0014	-2.5 to 2.5	Pass																					
						4.6	-2.100	-0.0012	-2.5 to 2.5	Pass																
	5	4	-2.500	-0.0014	-2.5 to 2.5	Pass																				
	15	4	-3.000	-0.0017	-2.5 to 2.5	Pass																				
	25	4	0.200	0.0001	-2.5 to 2.5	Pass																				
	35	4	-2.900	-0.0016	-2.5 to 2.5	Pass																				
	64QAM	1717.5	75	0	20	3.4	-3.000	-0.0017	-2.5 to 2.5	Pass																
4											-9.500	-0.0055	-2.5 to 2.5	Pass												
															4.6	14.200	0.0083	-2.5 to 2.5	Pass							
5											4	-1.200	-0.0007	-2.5 to 2.5	Pass											
15											4	15.500	0.0090	-2.5 to 2.5	Pass											
25											4	-9.300	-0.0054	-2.5 to 2.5	Pass											
35											4	13.400	0.0078	-2.5 to 2.5	Pass											
1745											75	0	20	3.4	-13.500	-0.0077	-0.0077	-2.5 to 2.5	Pass							
		4	-14.100	-0.0081	-2.5 to 2.5	Pass																				
							4.6	-13.300	-0.0076	-2.5 to 2.5										Pass						
		5	4	12.600	0.0072	-2.5 to 2.5	Pass																			
		15	4	14.600	0.0084	-2.5 to 2.5	Pass																			
		25	4	15.700	0.0090	-2.5 to 2.5	Pass																			
		35	4	-3.500	-0.0020	-2.5 to 2.5	Pass																			
		1772.5	75	0	20	3.4	-14.400	-0.0081	-0.0081	-2.5 to 2.5										Pass						
4											21.200	0.0120	-2.5 to 2.5	Pass												
															4.6	-8.900	-0.0050	-2.5 to 2.5	Pass							
5											4	-34.000	-0.0192	-2.5 to 2.5	Pass											
15											4	-29.100	-0.0164	-2.5 to 2.5	Pass											
25											4	-12.400	-0.0070	-2.5 to 2.5	Pass											
35											4	-1.000	-0.0006	-2.5 to 2.5	Pass											

B66_20MHz

Band: 66 / 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	-2.600	-0.0015	-2.5 to 2.5	Pass						
										4	0.000	0.0000	-2.5 to 2.5	Pass	
															4.6
										5	4	-1.600	-0.0009	-2.5 to 2.5	Pass
										15	4	-2.800	-0.0016	-2.5 to 2.5	Pass
										25	4	-2.300	-0.0013	-2.5 to 2.5	Pass
	35	4	-3.600	-0.0021	-2.5 to 2.5	Pass									
	1745	100	0	20	3.4	1.500	0.0009	-2.5 to 2.5	Pass						
										4	1.100	0.0006	-2.5 to 2.5	Pass	
															4.6
										5	4	-1.600	-0.0009	-2.5 to 2.5	Pass



**BUREAU
VERITAS**

Test Report No.: PSU-NQN2504150110RF03

				15	4	-2.100	-0.0012	-2.5 to 2.5	Pass			
				25	4	-2.300	-0.0013	-2.5 to 2.5	Pass			
				35	4	0.700	0.0004	-2.5 to 2.5	Pass			
				20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass			
					4	2.300	0.0013	-2.5 to 2.5	Pass			
					4.6	0.500	0.0003	-2.5 to 2.5	Pass			
				1770	100	0	5	4	0.900	0.0005	-2.5 to 2.5	Pass
							15	4	2.200	0.0012	-2.5 to 2.5	Pass
							25	4	0.900	0.0005	-2.5 to 2.5	Pass
							35	4	0.800	0.0005	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.4	-1.400	-0.0008	-2.5 to 2.5	Pass			
					4	-2.500	-0.0015	-2.5 to 2.5	Pass			
					4.6	-2.700	-0.0016	-2.5 to 2.5	Pass			
				5	4	-2.300	-0.0013	-2.5 to 2.5	Pass			
				15	4	-2.800	-0.0016	-2.5 to 2.5	Pass			
				25	4	-0.600	-0.0003	-2.5 to 2.5	Pass			
				35	4	-4.500	-0.0026	-2.5 to 2.5	Pass			
				1745	100	0	20	3.4	-0.100	-0.0001	-2.5 to 2.5	Pass
								4	0.400	0.0002	-2.5 to 2.5	Pass
								4.6	-1.600	-0.0009	-2.5 to 2.5	Pass
	5	4	-0.500				-0.0003	-2.5 to 2.5	Pass			
	15	4	0.700				0.0004	-2.5 to 2.5	Pass			
	25	4	-1.500				-0.0009	-2.5 to 2.5	Pass			
	35	4	0.500				0.0003	-2.5 to 2.5	Pass			
	1770	100	0	20	3.4	-1.100	-0.0006	-2.5 to 2.5	Pass			
					4	-1.200	-0.0007	-2.5 to 2.5	Pass			
					4.6	-0.700	-0.0004	-2.5 to 2.5	Pass			
				5	4	-4.400	-0.0025	-2.5 to 2.5	Pass			
				15	4	1.000	0.0006	-2.5 to 2.5	Pass			
				25	4	0.100	0.0001	-2.5 to 2.5	Pass			
				35	4	2.100	0.0012	-2.5 to 2.5	Pass			
	64QAM	1720	100	0	20	3.4	4.000	0.0023	-2.5 to 2.5	Pass		
						4	-17.400	-0.0101	-2.5 to 2.5	Pass		
						4.6	-1.400	-0.0008	-2.5 to 2.5	Pass		
5					4	-2.300	-0.0013	-2.5 to 2.5	Pass			
15					4	-14.300	-0.0083	-2.5 to 2.5	Pass			
25					4	2.600	0.0015	-2.5 to 2.5	Pass			
35					4	1.900	0.0011	-2.5 to 2.5	Pass			
1745					100	0	20	3.4	-5.200	-0.0030	-2.5 to 2.5	Pass
								4	-12.000	-0.0069	-2.5 to 2.5	Pass
								4.6	1.300	0.0007	-2.5 to 2.5	Pass
		5	4	10.200			0.0058	-2.5 to 2.5	Pass			
		15	4	7.100			0.0041	-2.5 to 2.5	Pass			
		25	4	17.100			0.0098	-2.5 to 2.5	Pass			
		35	4	0.000			0.0000	-2.5 to 2.5	Pass			
1770		100	0	20	3.4	-10.600	-0.0060	-2.5 to 2.5	Pass			
					4	6.500	0.0037	-2.5 to 2.5	Pass			
					4.6	5.600	0.0032	-2.5 to 2.5	Pass			
				5	4	-19.300	-0.0109	-2.5 to 2.5	Pass			
				15	4	-11.400	-0.0064	-2.5 to 2.5	Pass			
				25	4	-3.300	-0.0019	-2.5 to 2.5	Pass			
				35	4	-6.600	-0.0037	-2.5 to 2.5	Pass			

---END---