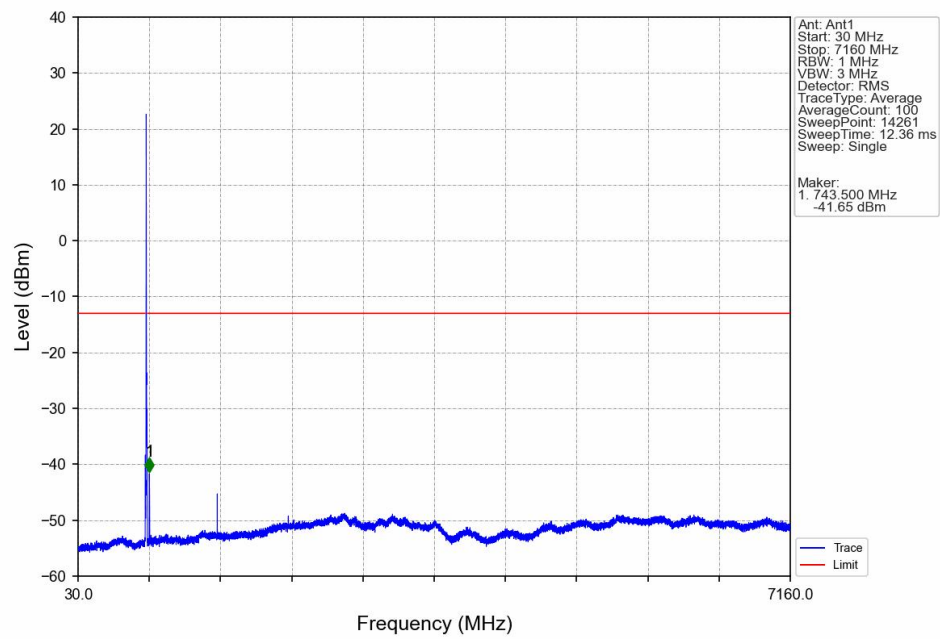
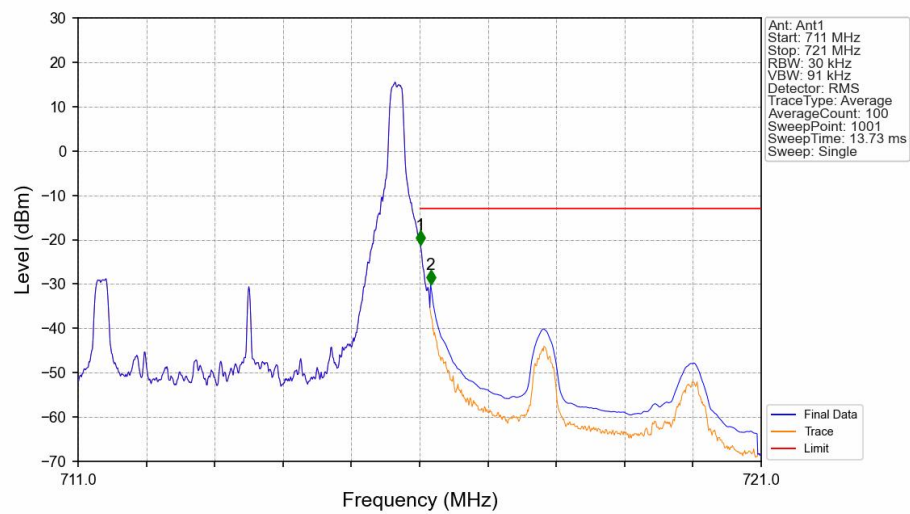


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

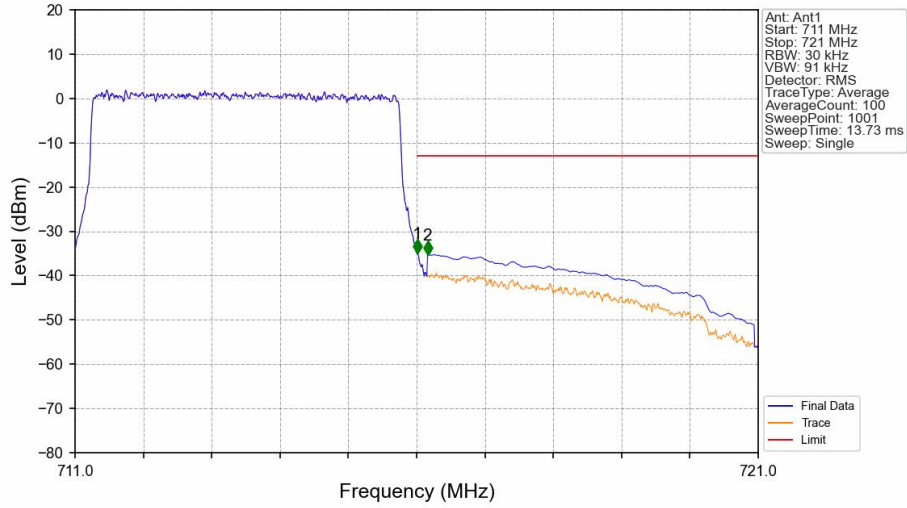


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



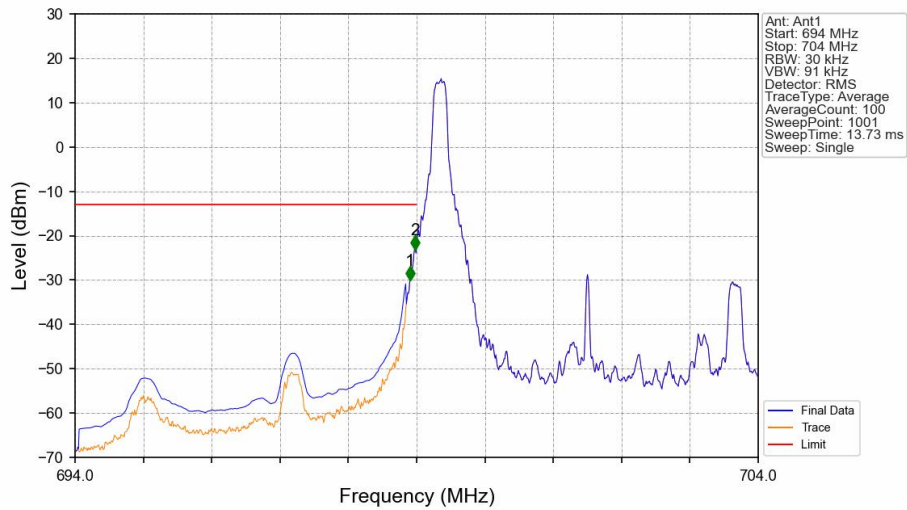
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-21.19	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.03	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



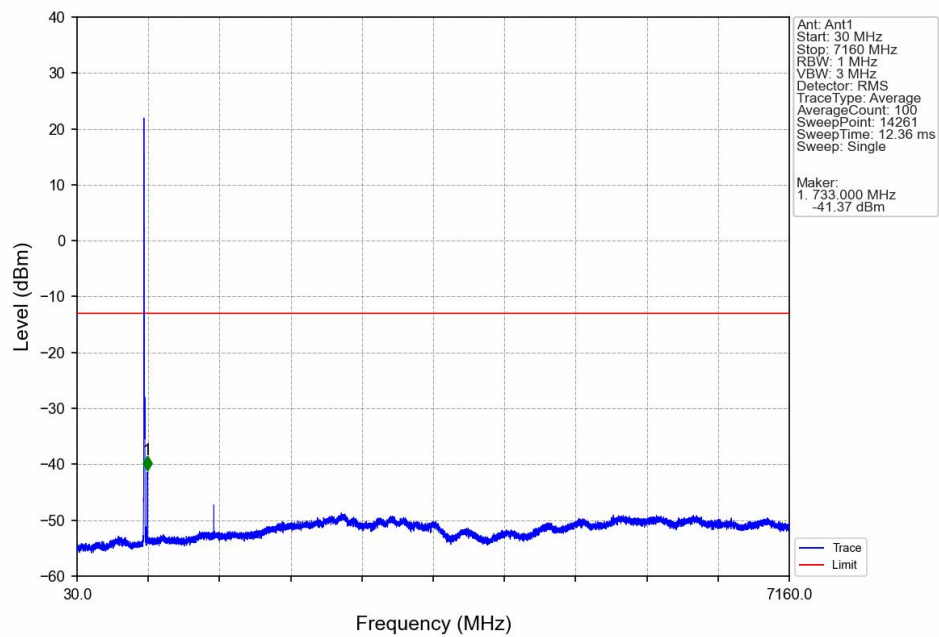
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-35.01	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.27	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

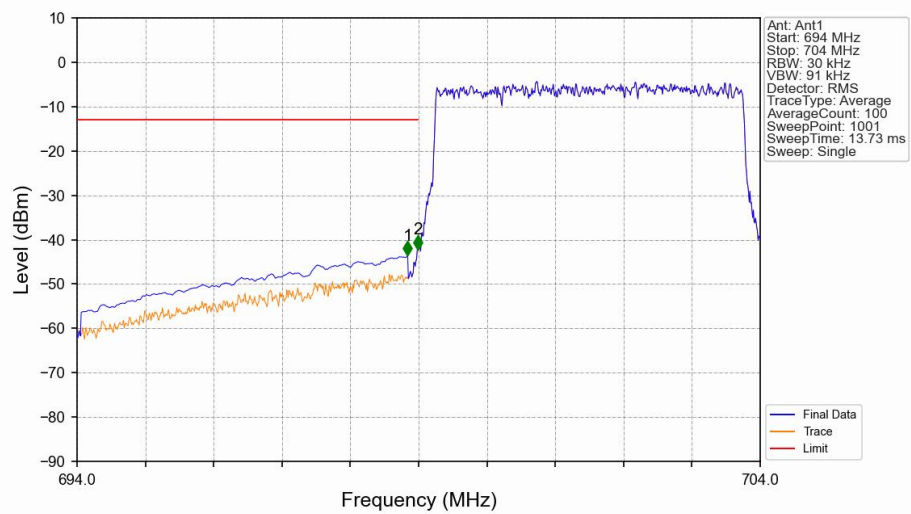


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.900	-30.10	-13	Pass
698.9	699	0.03	/	2	698.980	-23.05	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

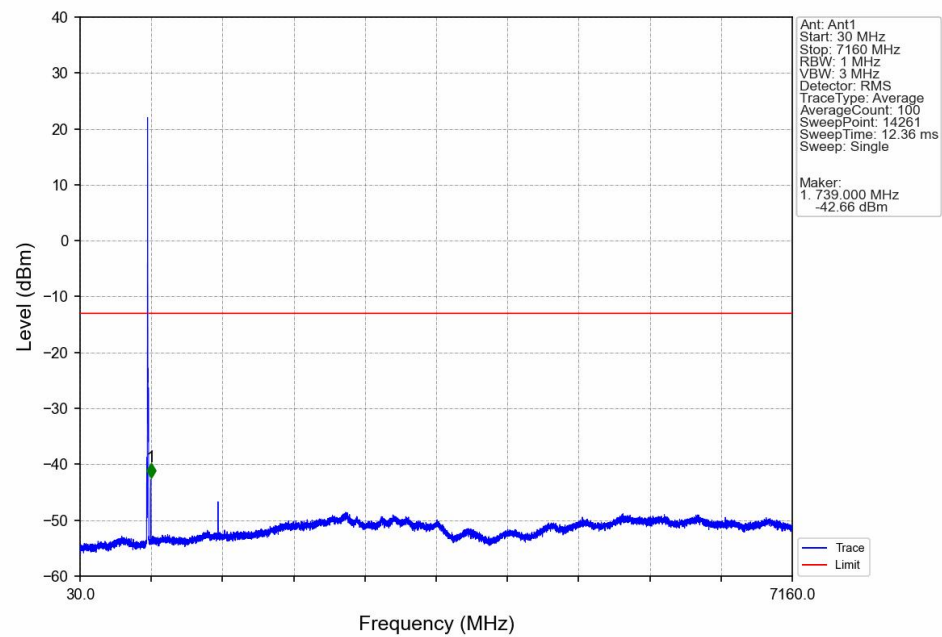


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

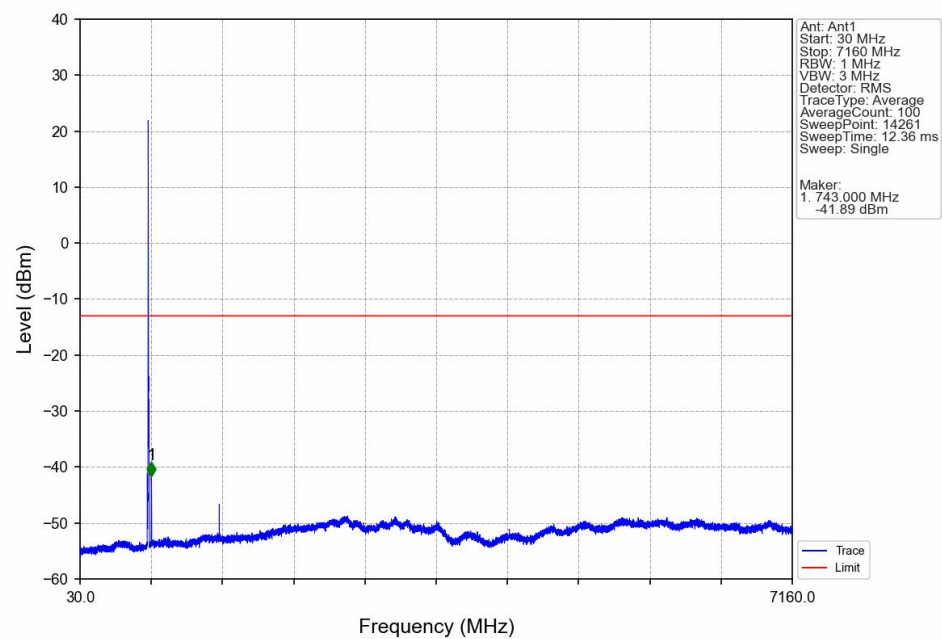


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-43.58	-13	Pass
698.9	699	0.03	/	2	698.990	-42.13	-13	Pass
699	704	0.03	/	/	/	/	/	/

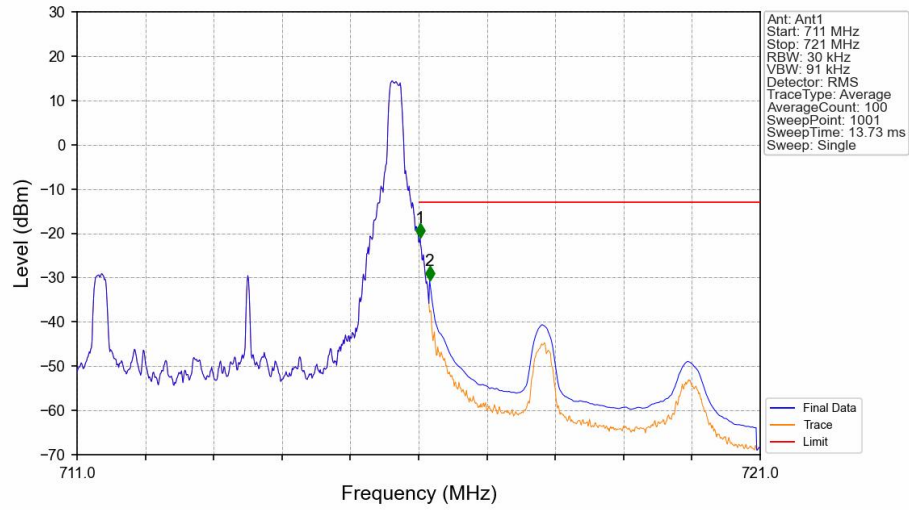
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

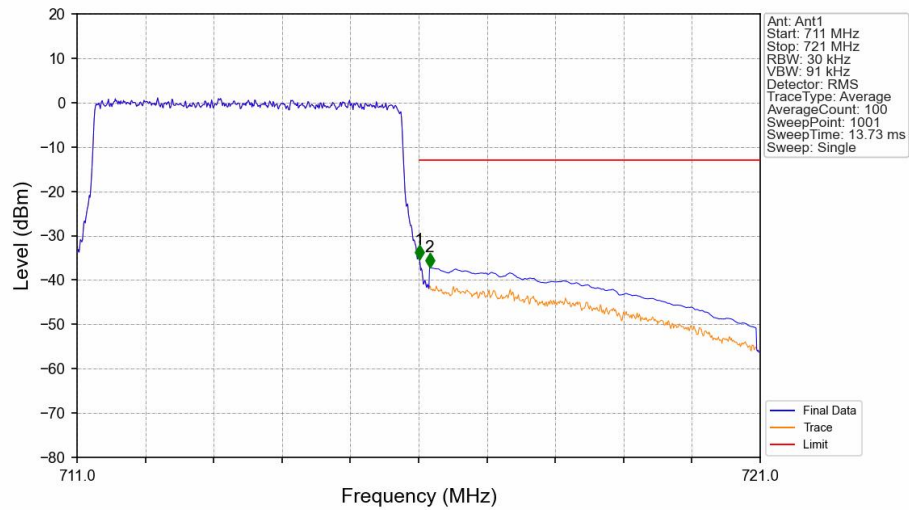


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



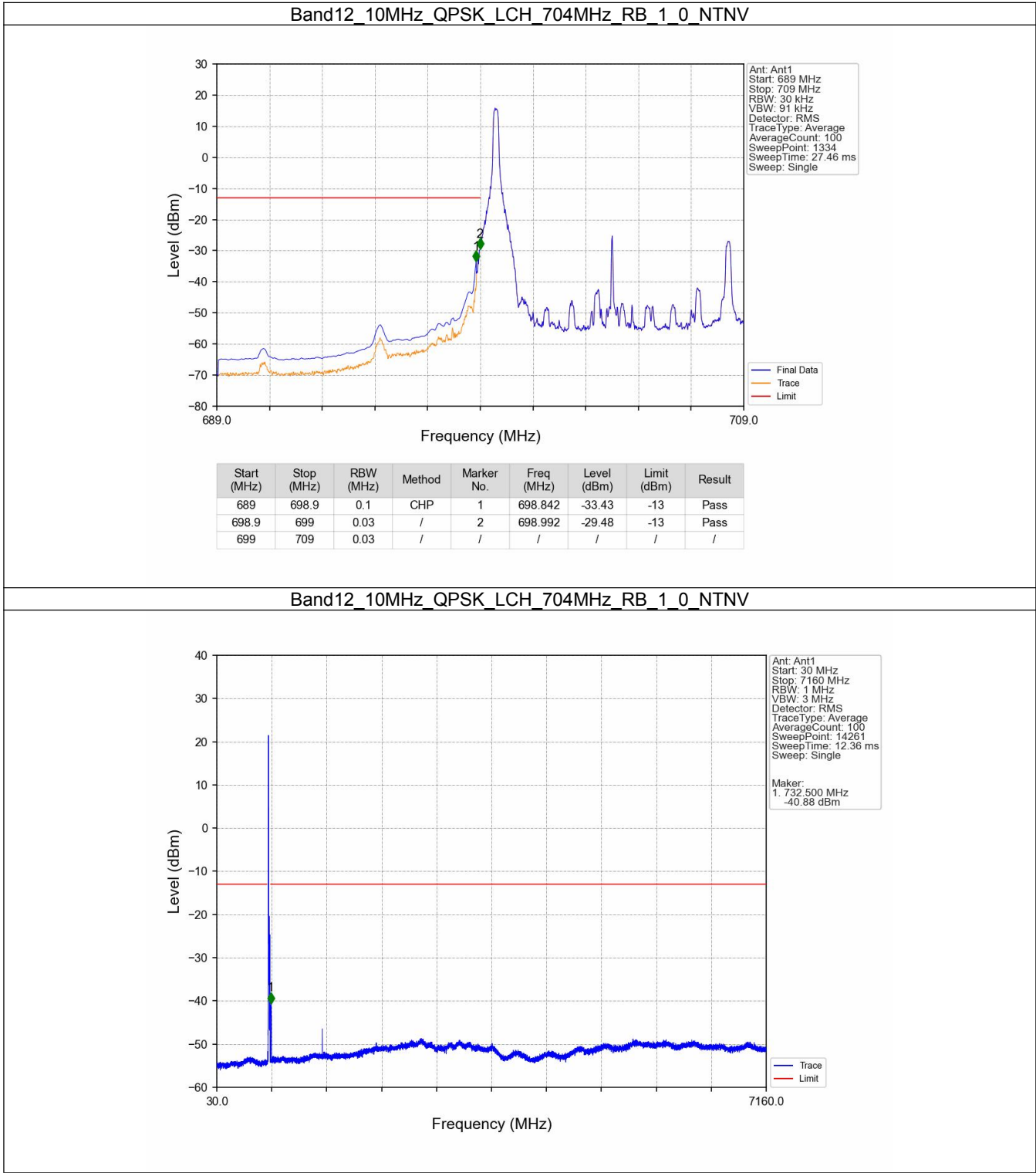
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-20.94	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.58	-13	Pass

Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

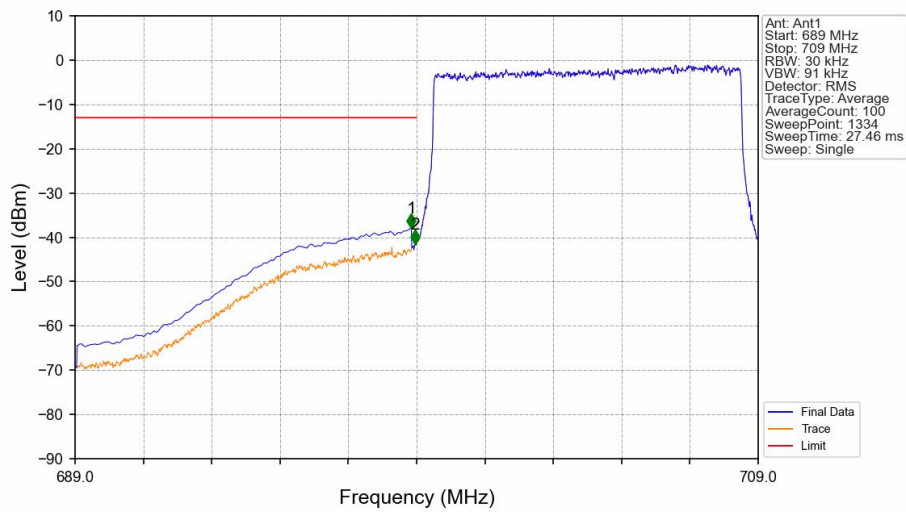


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-35.28	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.05	-13	Pass

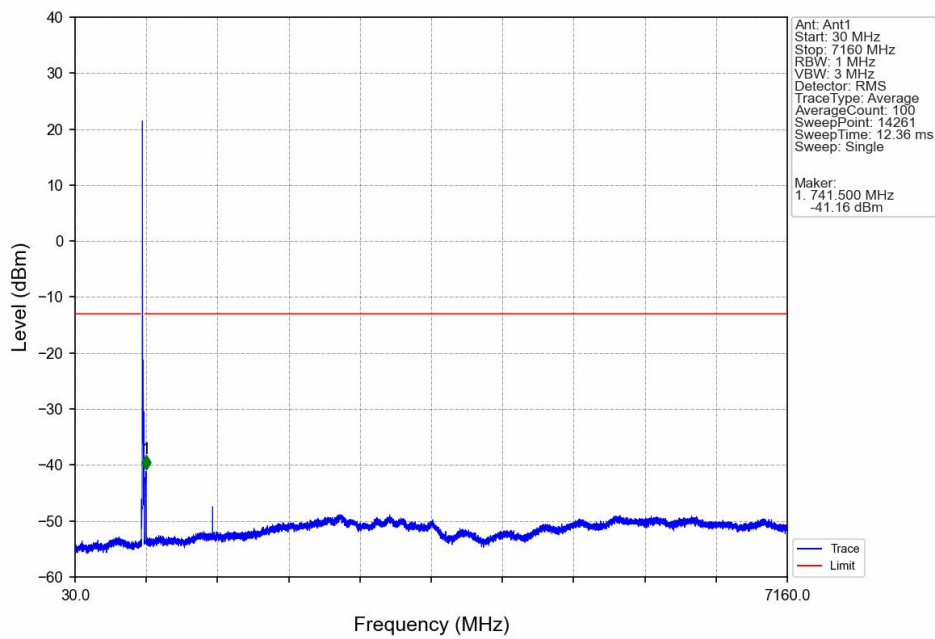
6.2.4 B12_10MHz



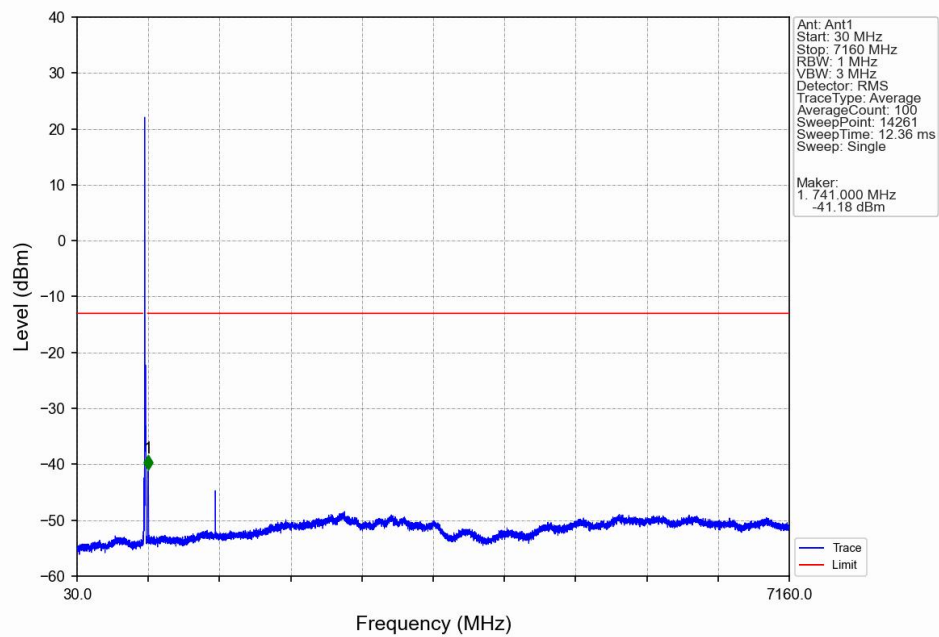
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



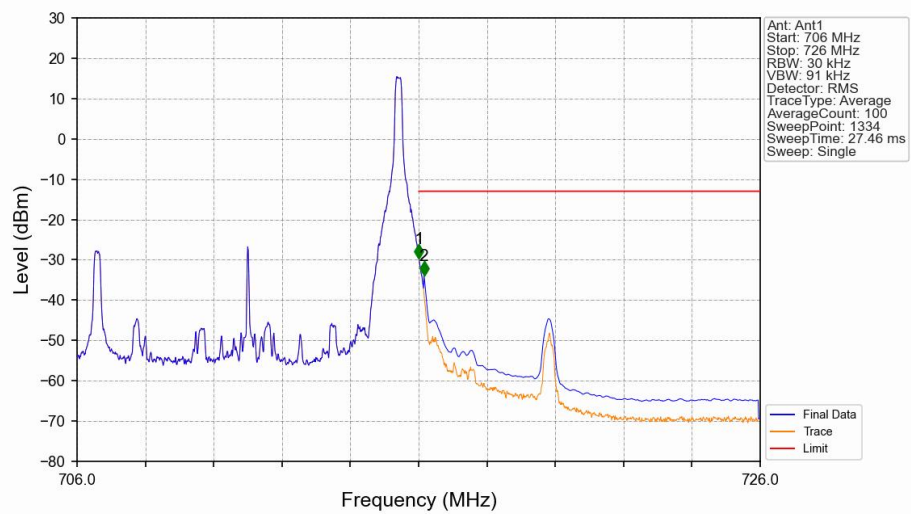
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



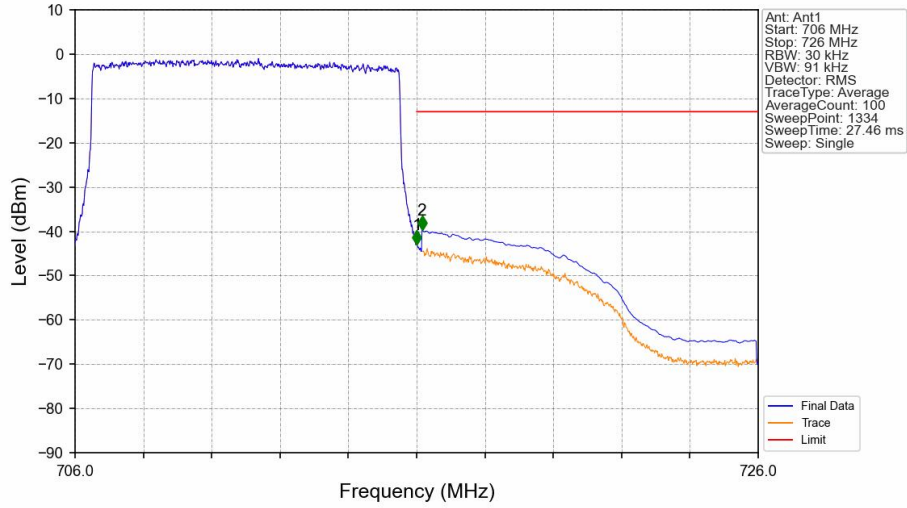
Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-29.57	-13	Pass
716.1	726	0.1	CHP	2	716.158	-33.85	-13	Pass

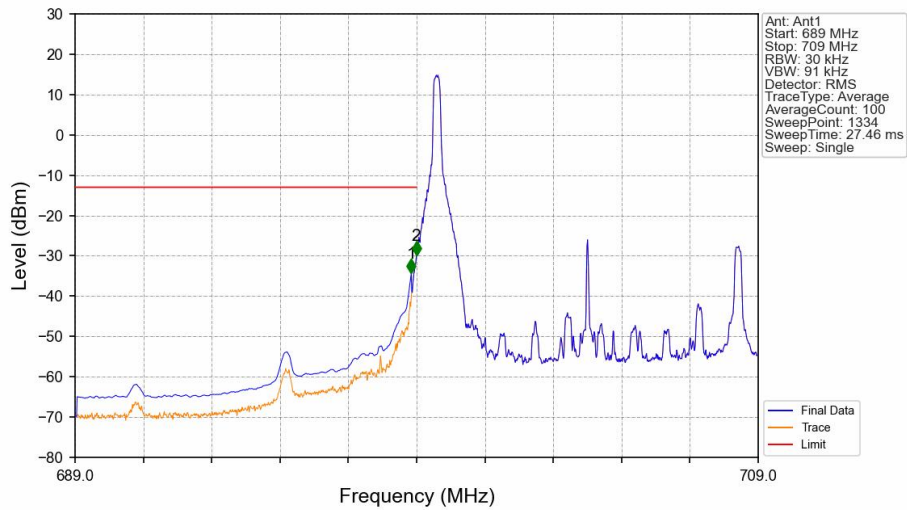
Model: MDPT3301LE

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



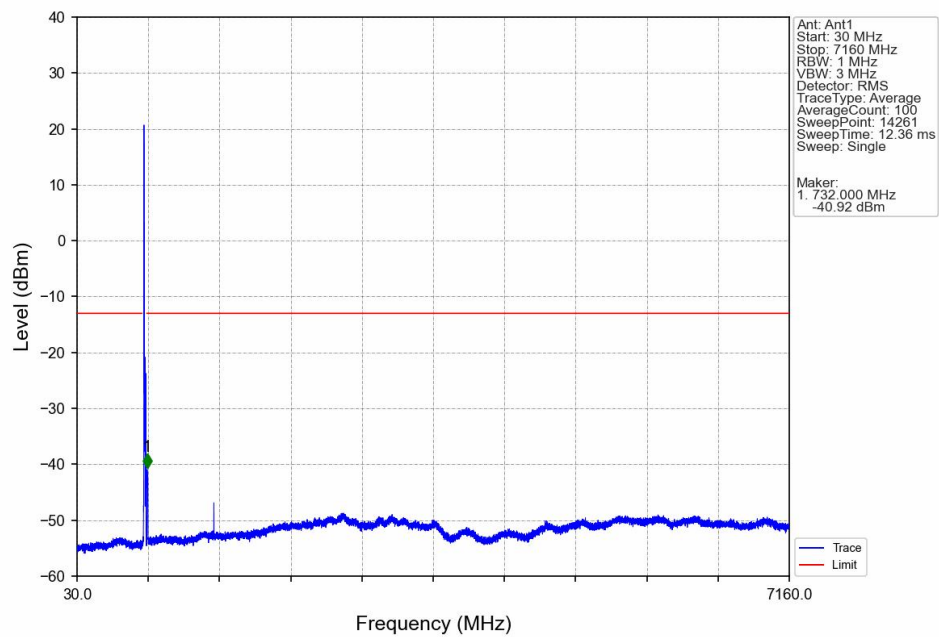
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-42.87	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.71	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

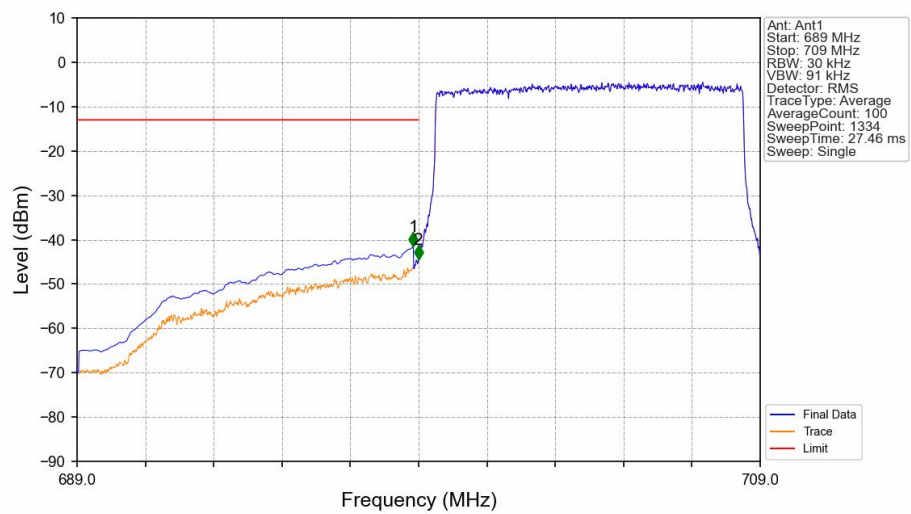


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.25	-13	Pass
698.9	699	0.03	/	2	698.992	-29.85	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

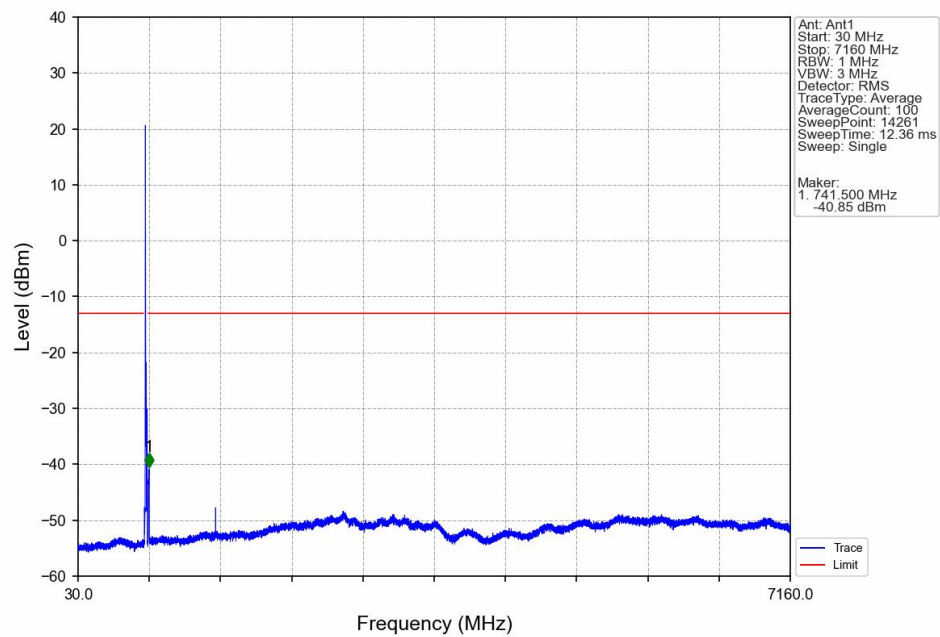


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

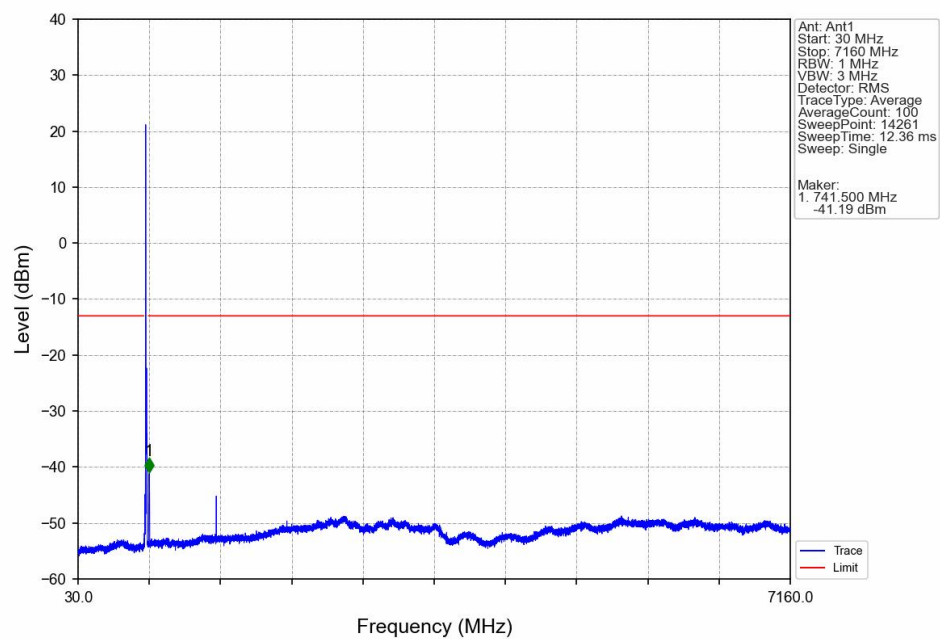


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-41.53	-13	Pass
698.9	699	0.03	/	2	698.992	-44.47	-13	Pass
699	709	0.03	/	/	/	/	/	/

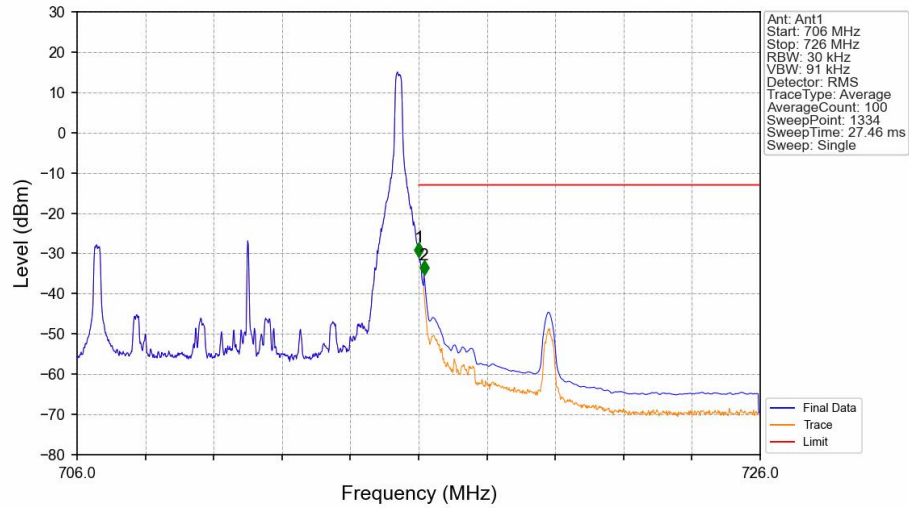
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



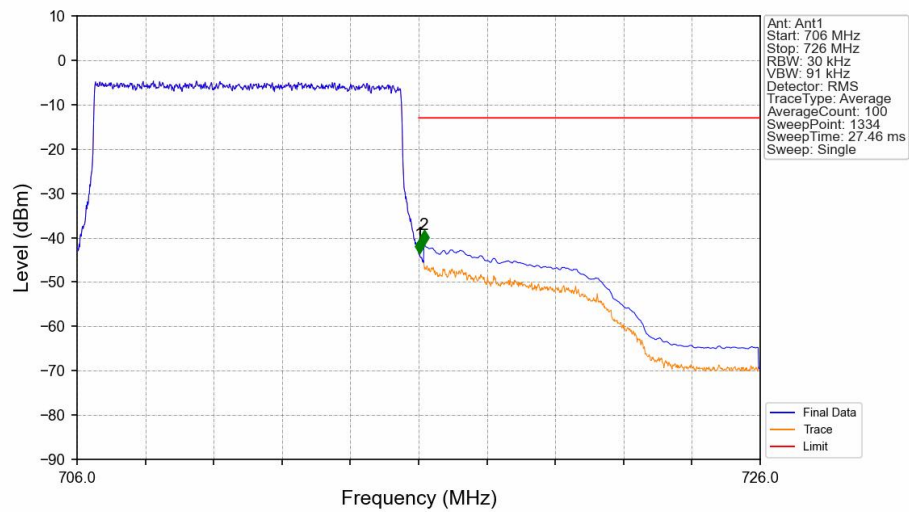
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



7. Frequency Stability (IC)

7.1 Test Result

7.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	699.7	6	0	20	3.15	699.153	700.254	698 to 704	Pass
					3.70	699.146	700.253	698 to 704	Pass
					4.26	699.145	700.253	698 to 704	Pass
				-30	3.70	699.145	700.253	698 to 704	Pass
				-20	3.70	699.154	700.254	698 to 704	Pass
				-10	3.70	699.150	700.254	698 to 704	Pass
				0	3.70	699.151	700.253	698 to 704	Pass
				10	3.70	699.146	700.253	698 to 704	Pass
				30	3.70	699.151	700.254	698 to 704	Pass
				40	3.70	699.147	700.254	698 to 704	Pass
				50	3.70	699.148	700.254	698 to 704	Pass
	707.5	6	0	20	3.15	706.943	708.049	704 to 710	Pass
					3.70	706.942	708.058	704 to 710	Pass
					4.26	706.950	708.049	704 to 710	Pass
				-30	3.70	706.941	708.060	704 to 710	Pass
				-20	3.70	706.941	708.060	704 to 710	Pass
				-10	3.70	706.941	708.050	704 to 710	Pass
				0	3.70	706.946	708.060	704 to 710	Pass
				10	3.70	706.940	708.060	704 to 710	Pass
				30	3.70	706.946	708.057	704 to 710	Pass
				40	3.70	706.950	708.059	704 to 710	Pass
				50	3.70	706.943	708.051	704 to 710	Pass
	715.3	6	0	20	3.15	714.751	715.857	710 to 716	Pass
					3.70	714.751	715.859	710 to 716	Pass
					4.26	714.753	715.852	710 to 716	Pass
				-30	3.70	714.750	715.854	710 to 716	Pass
				-20	3.70	714.751	715.854	710 to 716	Pass
				-10	3.70	714.750	715.855	710 to 716	Pass
				0	3.70	714.751	715.857	710 to 716	Pass
				10	3.70	714.751	715.851	710 to 716	Pass
				30	3.70	714.755	715.854	710 to 716	Pass
				40	3.70	714.751	715.857	710 to 716	Pass
				50	3.70	714.753	715.853	710 to 716	Pass
16QAM	699.7	6	0	20	3.15	699.147	700.255	698 to 704	Pass
					3.70	699.143	700.255	698 to 704	Pass
					4.26	699.142	700.255	698 to 704	Pass
				-30	3.70	699.147	700.258	698 to 704	Pass
				-20	3.70	699.148	700.250	698 to 704	Pass
				-10	3.70	699.143	700.255	698 to 704	Pass
				0	3.70	699.146	700.254	698 to 704	Pass
				10	3.70	699.147	700.253	698 to 704	Pass
				30	3.70	699.149	700.254	698 to 704	Pass
				40	3.70	699.147	700.253	698 to 704	Pass
				50	3.70	699.146	700.255	698 to 704	Pass
	707.5	6	0	20	3.15	706.952	708.057	704 to 710	Pass
					3.70	706.952	708.058	704 to 710	Pass
					3.70	706.952	708.058	704 to 710	Pass

					4.26	706.950	708.058	704 to 710	Pass
				-30	3.70	706.952	708.051	704 to 710	Pass
				-20	3.70	706.950	708.053	704 to 710	Pass
				-10	3.70	706.951	708.058	704 to 710	Pass
				0	3.70	706.951	708.053	704 to 710	Pass
				10	3.70	706.951	708.057	704 to 710	Pass
				30	3.70	706.950	708.056	704 to 710	Pass
				40	3.70	706.951	708.057	704 to 710	Pass
				50	3.70	706.953	708.052	704 to 710	Pass
	715.3	6	0	20	3.15	714.751	715.856	710 to 716	Pass
					3.70	714.750	715.850	710 to 716	Pass
					4.26	714.750	715.855	710 to 716	Pass
				-30	3.70	714.751	715.855	710 to 716	Pass
				-20	3.70	714.748	715.857	710 to 716	Pass
				-10	3.70	714.748	715.850	710 to 716	Pass
				0	3.70	714.750	715.857	710 to 716	Pass
				10	3.70	714.751	715.851	710 to 716	Pass
				30	3.70	714.749	715.857	710 to 716	Pass
				40	3.70	714.752	715.853	710 to 716	Pass
				50	3.70	714.748	715.853	710 to 716	Pass

7.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	700.5	15	0	20	3.15	699.137	701.880	698 to 704	Pass
					3.70	699.139	701.884	698 to 704	Pass
					4.26	699.138	701.883	698 to 704	Pass
				-30	3.70	699.144	701.875	698 to 704	Pass
				-20	3.70	699.142	701.876	698 to 704	Pass
				-10	3.70	699.137	701.878	698 to 704	Pass
				0	3.70	699.140	701.884	698 to 704	Pass
				10	3.70	699.137	701.882	698 to 704	Pass
				30	3.70	699.140	701.882	698 to 704	Pass
				40	3.70	699.134	701.876	698 to 704	Pass
				50	3.70	699.138	701.882	698 to 704	Pass
	707.5	15	0	20	3.15	706.137	708.876	704 to 710	Pass
					3.70	706.138	708.875	704 to 710	Pass
					4.26	706.131	708.876	704 to 710	Pass
				-30	3.70	706.135	708.876	704 to 710	Pass
				-20	3.70	706.138	708.878	704 to 710	Pass
				-10	3.70	706.134	708.877	704 to 710	Pass
				0	3.70	706.138	708.875	704 to 710	Pass
				10	3.70	706.129	708.878	704 to 710	Pass
				30	3.70	706.136	708.878	704 to 710	Pass
				40	3.70	706.140	708.878	704 to 710	Pass
				50	3.70	706.134	708.878	704 to 710	Pass
	714.5	15	0	20	3.15	713.127	715.875	710 to 716	Pass
					3.70	713.132	715.875	710 to 716	Pass
					4.26	713.135	715.874	710 to 716	Pass
				-30	3.70	713.136	715.874	710 to 716	Pass
				-20	3.70	713.134	715.880	710 to 716	Pass
				-10	3.70	713.135	715.880	710 to 716	Pass
				0	3.70	713.126	715.873	710 to 716	Pass
				10	3.70	713.135	715.876	710 to 716	Pass
				30	3.70	713.131	715.884	710 to 716	Pass
				40	3.70	713.132	715.883	710 to 716	Pass

Model: MDPT3301LE

				50	3.70	713.138	715.882	710 to 716	Pass
16QAM	700.5	15	0	20	3.15	699.133	701.902	698 to 704	Pass
					3.70	699.135	701.887	698 to 704	Pass
					4.26	699.146	701.880	698 to 704	Pass
					-30	3.70	699.137	701.882	698 to 704
				-20	3.70	699.144	701.900	698 to 704	Pass
				-10	3.70	699.137	701.904	698 to 704	Pass
				0	3.70	699.138	701.876	698 to 704	Pass
				10	3.70	699.147	701.896	698 to 704	Pass
				30	3.70	699.144	701.878	698 to 704	Pass
				40	3.70	699.146	701.877	698 to 704	Pass
				50	3.70	699.133	701.894	698 to 704	Pass
				707.5	15	0	20	3.15	706.132
	3.70	706.141	708.875					704 to 710	Pass
	4.26	706.144	708.876					704 to 710	Pass
	-30	3.70	706.133					708.871	704 to 710
	-20	3.70	706.141				708.875	704 to 710	Pass
	-10	3.70	706.128				708.877	704 to 710	Pass
	0	3.70	706.128				708.869	704 to 710	Pass
	10	3.70	706.130				708.870	704 to 710	Pass
	30	3.70	706.138				708.874	704 to 710	Pass
	40	3.70	706.138				708.874	704 to 710	Pass
	50	3.70	706.128				708.876	704 to 710	Pass
	714.5	15	0				20	3.15	713.141
				3.70	713.137	715.873		710 to 716	Pass
				4.26	713.139	715.876		710 to 716	Pass
				-30	3.70	713.137		715.873	710 to 716
				-20	3.70	713.138	715.875	710 to 716	Pass
				-10	3.70	713.137	715.873	710 to 716	Pass
				0	3.70	713.135	715.876	710 to 716	Pass
				10	3.70	713.138	715.876	710 to 716	Pass
				30	3.70	713.137	715.874	710 to 716	Pass
				40	3.70	713.138	715.878	710 to 716	Pass
				50	3.70	713.137	715.876	710 to 716	Pass

7.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	701.5	25	0	20	3.15	699.240	703.818	698 to 704	Pass
					3.70	699.241	703.795	698 to 704	Pass
					4.26	699.240	703.813	698 to 704	Pass
				-30	3.70	699.249	703.806	698 to 704	Pass
				-20	3.70	699.238	703.799	698 to 704	Pass
				-10	3.70	699.240	703.810	698 to 704	Pass
				0	3.70	699.245	703.804	698 to 704	Pass
				10	3.70	699.242	703.798	698 to 704	Pass
				30	3.70	699.236	703.797	698 to 704	Pass
				40	3.70	699.244	703.797	698 to 704	Pass
				50	3.70	699.243	703.814	698 to 704	Pass
	707.5	25	0	20	3.15	705.248	709.791	704 to 710	Pass
					3.70	705.239	709.792	704 to 710	Pass
					4.26	705.241	709.796	704 to 710	Pass
				-30	3.70	705.243	709.783	704 to 710	Pass
				-20	3.70	705.243	709.784	704 to 710	Pass
				-10	3.70	705.241	709.792	704 to 710	Pass
				0	3.70	705.238	709.794	704 to 710	Pass

Model: MDPT3301LE

				10	3.70	705.247	709.793	704 to 710	Pass
				30	3.70	705.243	709.792	704 to 710	Pass
				40	3.70	705.250	709.792	704 to 710	Pass
				50	3.70	705.240	709.791	704 to 710	Pass
	713.5	25	0	20	3.15	711.239	715.786	710 to 716	Pass
					3.70	711.240	715.789	710 to 716	Pass
					4.26	711.238	715.775	710 to 716	Pass
				-30	3.70	711.237	715.781	710 to 716	Pass
				-20	3.70	711.234	715.779	710 to 716	Pass
				-10	3.70	711.238	715.778	710 to 716	Pass
				0	3.70	711.233	715.782	710 to 716	Pass
				10	3.70	711.247	715.784	710 to 716	Pass
				30	3.70	711.237	715.782	710 to 716	Pass
				40	3.70	711.235	715.789	710 to 716	Pass
				50	3.70	711.235	715.780	710 to 716	Pass
16QAM	701.5	25	0	20	3.15	699.254	703.797	698 to 704	Pass
					3.70	699.253	703.796	698 to 704	Pass
					4.26	699.252	703.791	698 to 704	Pass
				-30	3.70	699.254	703.794	698 to 704	Pass
				-20	3.70	699.246	703.792	698 to 704	Pass
				-10	3.70	699.250	703.796	698 to 704	Pass
				0	3.70	699.247	703.792	698 to 704	Pass
				10	3.70	699.253	703.793	698 to 704	Pass
				30	3.70	699.251	703.796	698 to 704	Pass
				40	3.70	699.255	703.792	698 to 704	Pass
				50	3.70	699.255	703.793	698 to 704	Pass
	707.5	25	0	20	3.15	705.242	709.794	704 to 710	Pass
					3.70	705.234	709.792	704 to 710	Pass
					4.26	705.246	709.789	704 to 710	Pass
				-30	3.70	705.229	709.794	704 to 710	Pass
				-20	3.70	705.223	709.792	704 to 710	Pass
				-10	3.70	705.244	709.803	704 to 710	Pass
				0	3.70	705.233	709.794	704 to 710	Pass
				10	3.70	705.236	709.806	704 to 710	Pass
				30	3.70	705.235	709.798	704 to 710	Pass
				40	3.70	705.229	709.792	704 to 710	Pass
				50	3.70	705.233	709.803	704 to 710	Pass
	713.5	25	0	20	3.15	711.230	715.798	710 to 716	Pass
					3.70	711.225	715.793	710 to 716	Pass
					4.26	711.230	715.804	710 to 716	Pass
				-30	3.70	711.231	715.795	710 to 716	Pass
				-20	3.70	711.233	715.789	710 to 716	Pass
				-10	3.70	711.231	715.797	710 to 716	Pass
				0	3.70	711.238	715.803	710 to 716	Pass
				10	3.70	711.243	715.798	710 to 716	Pass
				30	3.70	711.234	715.795	710 to 716	Pass
				40	3.70	711.237	715.799	710 to 716	Pass
				50	3.70	711.231	715.798	710 to 716	Pass

7.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	704	50	0	20	3.15	699.541	708.579	698 to 710	Pass
					3.70	699.540	708.576	698 to 710	Pass
					4.26	699.539	708.562	698 to 710	Pass
				-30	3.70	699.537	708.578	698 to 710	Pass

Model: MDPT3301LE

				-20	3.70	699.538	708.582	698 to 710	Pass
				-10	3.70	699.540	708.582	698 to 710	Pass
				0	3.70	699.541	708.552	698 to 710	Pass
				10	3.70	699.534	708.553	698 to 710	Pass
				30	3.70	699.528	708.569	698 to 710	Pass
				40	3.70	699.537	708.579	698 to 710	Pass
				50	3.70	699.543	708.577	698 to 710	Pass
	707.5	50	0	20	3.15	702.991	712.050	698 to 716	Pass
					3.70	703.000	712.049	698 to 716	Pass
					4.26	702.996	712.056	698 to 716	Pass
				-30	3.70	703.010	712.051	698 to 716	Pass
				-20	3.70	702.983	712.049	698 to 716	Pass
				-10	3.70	702.994	712.034	698 to 716	Pass
				0	3.70	702.993	712.054	698 to 716	Pass
				10	3.70	703.009	712.054	698 to 716	Pass
				30	3.70	702.986	712.053	698 to 716	Pass
				40	3.70	703.020	712.046	698 to 716	Pass
				50	3.70	703.009	712.040	698 to 716	Pass
	711	50	0	20	3.15	706.520	715.529	704 to 716	Pass
					3.70	706.508	715.534	704 to 716	Pass
					4.26	706.501	715.532	704 to 716	Pass
				-30	3.70	706.502	715.552	704 to 716	Pass
				-20	3.70	706.501	715.547	704 to 716	Pass
				-10	3.70	706.504	715.538	704 to 716	Pass
				0	3.70	706.507	715.547	704 to 716	Pass
				10	3.70	706.496	715.538	704 to 716	Pass
				30	3.70	706.502	715.547	704 to 716	Pass
				40	3.70	706.507	715.547	704 to 716	Pass
				50	3.70	706.509	715.534	704 to 716	Pass
16QAM	704	50	0	20	3.15	699.547	708.558	698 to 710	Pass
					3.70	699.538	708.565	698 to 710	Pass
					4.26	699.534	708.558	698 to 710	Pass
				-30	3.70	699.539	708.562	698 to 710	Pass
				-20	3.70	699.539	708.575	698 to 710	Pass
				-10	3.70	699.536	708.556	698 to 710	Pass
				0	3.70	699.545	708.561	698 to 710	Pass
				10	3.70	699.542	708.562	698 to 710	Pass
				30	3.70	699.543	708.554	698 to 710	Pass
				40	3.70	699.543	708.549	698 to 710	Pass
				50	3.70	699.546	708.561	698 to 710	Pass
	707.5	50	0	20	3.15	703.015	712.044	698 to 716	Pass
					3.70	703.010	712.054	698 to 716	Pass
					4.26	703.022	712.093	698 to 716	Pass
				-30	3.70	703.017	712.026	698 to 716	Pass
				-20	3.70	703.017	712.053	698 to 716	Pass
				-10	3.70	703.021	712.080	698 to 716	Pass
				0	3.70	703.022	712.086	698 to 716	Pass
				10	3.70	703.011	712.058	698 to 716	Pass
				30	3.70	703.025	712.062	698 to 716	Pass
				40	3.70	703.001	712.054	698 to 716	Pass
				50	3.70	703.017	712.047	698 to 716	Pass
	711	50	0	20	3.15	706.481	715.541	704 to 716	Pass
					3.70	706.482	715.526	704 to 716	Pass
					4.26	706.488	715.533	704 to 716	Pass
				-30	3.70	706.480	715.534	704 to 716	Pass
				-20	3.70	706.486	715.540	704 to 716	Pass
				-10	3.70	706.498	715.533	704 to 716	Pass
				0	3.70	706.501	715.538	704 to 716	Pass
				10	3.70	706.515	715.548	704 to 716	Pass

				30	3.70	706.488	715.546	704 to 716	Pass
				40	3.70	706.481	715.535	704 to 716	Pass
				50	3.70	706.492	715.532	704 to 716	Pass

8. Radiated Spurious Emission

8.1 Test Result

LTE Band 12_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
1399.40	-41.14	4.73	3.00	10.42	-35.45	-13.00	-22.45	H
2099.10	-47.69	5.64	3.00	12.30	-41.03	-13.00	-28.03	H
1399.40	-43.80	4.73	3.00	10.42	-38.11	-13.00	-25.11	V
2099.10	-50.35	5.64	3.00	12.30	-43.69	-13.00	-30.69	V

LTE Band 12_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
1415.00	-39.82	4.75	3.00	10.44	-34.13	-13.00	-21.13	H
2122.50	-44.07	5.66	3.00	12.33	-37.40	-13.00	-24.40	H
1415.00	-43.87	4.75	3.00	10.44	-38.18	-13.00	-25.18	V
2122.50	-47.88	5.66	3.00	12.33	-41.21	-13.00	-28.21	V

LTE Band 12_Channel Bandwidth 1.4MHz_QPSK _ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP	Limit (dBm)	Margin (dB)	Polarization
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					(dBm)			
1430.60	-39.53	4.77	3.00	10.45	-33.85	-13.00	-20.85	H
2145.90	-44.73	5.69	3.00	12.36	-38.06	-13.00	-25.06	H
1430.60	-44.59	4.77	3.00	10.45	-38.91	-13.00	-25.91	V
2145.90	-50.18	5.69	3.00	12.36	-43.51	-13.00	-30.51	V

LTE Band 12_Channel Bandwidth 3MHz_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
1401.00	-41.17	4.73	3.00	10.42	-35.48	-13.00	-22.48	H
2101.50	-47.89	5.64	3.00	12.30	-41.23	-13.00	-28.23	H
1401.00	-43.77	4.73	3.00	10.42	-38.08	-13.00	-25.08	V
2101.50	-50.18	5.64	3.00	12.30	-43.52	-13.00	-30.52	V

LTE Band 12_Channel Bandwidth 3MHz_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
1415.00	-39.74	4.75	3.00	10.44	-34.05	-13.00	-39.74	H
2122.50	-44.16	5.66	3.00	12.33	-37.49	-13.00	-44.16	H
1415.00	-43.95	4.75	3.00	10.44	-38.26	-13.00	-43.95	V
2122.50	-47.68	5.66	3.00	12.33	-41.01	-13.00	-47.68	V

LTE Band 12_Channel Bandwidth 3MHz_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
1429.00	-39.53	4.77	3.00	10.45	-33.85	-13.00	-20.85	H
2143.50	-44.38	5.69	3.00	12.36	-37.71	-13.00	-24.71	H
1429.00	-44.73	4.77	3.00	10.45	-39.05	-13.00	-26.05	V
2143.50	-50.01	5.69	3.00	12.36	-43.34	-13.00	-30.34	V

LTE Band 12_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
1403.00	-40.87	4.73	3.00	10.42	-35.18	-13.00	-22.18	H
2104.50	-47.64	5.64	3.00	12.30	-40.98	-13.00	-27.98	H
1403.00	-43.76	4.73	3.00	10.42	-38.07	-13.00	-25.07	V
2104.50	-50.25	5.64	3.00	12.30	-43.59	-13.00	-30.59	V

LTE Band 12_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
1415.00	-39.91	4.75	3.00	10.44	-34.22	-13.00	-21.22	H
2122.50	-44.08	5.66	3.00	12.33	-37.41	-13.00	-24.41	H
1415.00	-43.79	4.75	3.00	10.44	-38.10	-13.00	-25.10	V
2122.50	-47.88	5.66	3.00	12.33	-41.21	-13.00	-28.21	V

LTE Band 12_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
1427.00	-39.32	4.77	3.00	10.45	-33.64	-13.00	-20.64	H
2140.50	-44.65	5.69	3.00	12.36	-37.98	-13.00	-24.98	H
1427.00	-44.58	4.77	3.00	10.45	-38.90	-13.00	-25.90	V
2140.50	-50.21	5.69	3.00	12.36	-43.54	-13.00	-30.54	V

LTE and 12_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
1408.00	-40.89	4.73	3.00	10.42	-35.20	-13.00	-22.20	H
2112.00	-47.90	5.64	3.00	12.30	-41.24	-13.00	-28.24	H
1408.00	-44.02	4.73	3.00	10.42	-38.33	-13.00	-25.33	V
2112.00	-50.16	5.64	3.00	12.30	-43.50	-13.00	-30.50	V

LTE Band 12_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
1415.00	-39.81	4.75	3.00	10.44	-34.12	-13.00	-21.12	H
2122.50	-44.13	5.66	3.00	12.33	-37.46	-13.00	-24.46	H
1415.00	-44.13	4.75	3.00	10.44	-38.44	-13.00	-25.44	V
2122.50	-47.74	5.66	3.00	12.33	-41.07	-13.00	-28.07	V

LTE Band 12_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
1422.00	-39.29	4.77	3.00	10.45	-33.61	-13.00	-20.61	H
2133.00	-44.46	5.69	3.00	12.36	-37.79	-13.00	-24.79	H
1422.00	-44.75	4.77	3.00	10.45	-39.07	-13.00	-26.07	V
2133.00	-50.28	5.69	3.00	12.36	-43.61	-13.00	-30.61	V