Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	100MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	4.67	3.03	10.42	11.67	1.03	0.00249	0.00161	0.00554	0.00621	0.00055	PASS
Extreme（50℃）		8.66	13.20	2.05	16.66	8.20	0.00460	0.00702	0.00109	0.00886	0.00436	PASS
Extreme（40℃）		12.58	16.06	11.57	5.58	2.06	0.00669	0.00854	0.00615	0.00297	0.00110	PASS
Extreme（30℃）		11.84	16.73	8.89	1.84	2.73	0.00630	0.00890	0.00473	0.00098	0.00145	PASS
Extreme（20℃）		10.18	10.12	7.54	6.18	2.12	0.00541	0.00538	0.00401	0.00329	0.00113	PASS
Extreme（10℃）		4.35	10.99	7.76	5.35	6.99	0.00231	0.00585	0.00413	0.00285	0.00372	PASS
Extreme（0℃）		10.98	11.52	7.10	7.98	11.52	0.00584	0.00613	0.00377	0.00425	0.00613	PASS
Extreme（-10℃）		15.06	11.21	6.88	14.06	4.21	0.00801	0.00596	0.00366	0.00748	0.00224	PASS
Extreme（-20℃）		14.78	12.79	3.12	6.78	9.79	0.00786	0.00680	0.00166	0.00361	0.00520	PASS
Extreme（-30℃）		8.44	11.44	2.39	6.44	2.44	0.00449	0.00609	0.00127	0.00343	0.00130	PASS
25℃	LV	9.34	5.42	6.39	8.34	7.42	0.00497	0.00288	0.00340	0.00444	0.00395	PASS
	HV	17.70	8.56	17.58	13.70	10.56	0.00941	0.00455	0.00935	0.00729	0.00562	PASS

DC_2A-n77A subset 1												
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	20MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	12.25	6.08	5.57	17.25	1.08	0.00651	0.00323	0.00296	0.00917	0.00057	PASS
Extreme（50℃）		17.14	2.32	6.74	16.14	14.32	0.00912	0.00123	0.00359	0.00858	0.00762	PASS
Extreme（40℃）		12.74	3.76	13.89	14.74	3.76	0.00678	0.00200	0.00739	0.00784	0.00200	PASS
Extreme（30℃）		9.28	6.91	6.50	16.28	2.91	0.00494	0.00368	0.00346	0.00866	0.00155	PASS
Extreme（20℃）		6.84	5.61	5.47	5.84	7.61	0.00364	0.00298	0.00291	0.00310	0.00405	PASS
Extreme（10℃）		10.01	14.70	16.54	15.01	11.70	0.00533	0.00782	0.00880	0.00799	0.00622	PASS
Extreme（0℃）		6.46	16.53	17.62	7.46	16.53	0.00344	0.00879	0.00937	0.00397	0.00879	PASS
Extreme（-10℃）		14.60	15.60	13.79	8.60	3.60	0.00776	0.00830	0.00733	0.00457	0.00192	PASS
Extreme（-20℃）		6.31	13.87	16.89	7.31	11.87	0.00336	0.00738	0.00898	0.00389	0.00631	PASS
Extreme（-30℃）		11.43	14.92	1.12	17.43	15.92	0.00608	0.00793	0.00060	0.00927	0.00847	PASS
25℃	LV	7.45	9.47	7.30	13.45	14.47	0.00396	0.00504	0.00388	0.00715	0.00770	PASS
	HV	12.16	16.40	10.17	14.16	16.40	0.00647	0.00872	0.00541	0.00753	0.00872	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	40MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	3.18	4.85	5.73	8.18	11.85	0.00169	0.00258	0.00305	0.00435	0.00630	PASS
Extreme（50℃）		8.38	13.44	8.89	17.38	15.44	0.00446	0.00715	0.00473	0.00925	0.00821	PASS

Extreme（40℃）		4.09	12.98	8.81	7.09	9.98	0.00218	0.00690	0.00469	0.00377	0.00531	PASS
Extreme（30℃）		7.71	1.42	11.93	6.71	10.42	0.00410	0.00075	0.00635	0.00357	0.00554	PASS
Extreme（20℃）		12.71	11.32	3.29	10.71	10.32	0.00676	0.00602	0.00175	0.00570	0.00549	PASS
Extreme（10℃）		11.53	9.68	13.68	6.53	13.68	0.00613	0.00515	0.00728	0.00347	0.00728	PASS
Extreme（0℃）		17.21	15.34	3.04	7.21	12.34	0.00915	0.00816	0.00162	0.00383	0.00656	PASS
Extreme（-10℃）		17.05	11.50	10.62	6.05	4.50	0.00907	0.00611	0.00565	0.00322	0.00239	PASS
Extreme（-20℃）		17.66	10.54	14.76	5.66	1.54	0.00939	0.00561	0.00785	0.00301	0.00082	PASS
Extreme（-30℃）		15.14	4.16	13.12	3.14	13.16	0.00805	0.00221	0.00698	0.00167	0.00700	PASS
25℃	LV	14.17	14.71	14.75	4.17	14.71	0.00754	0.00783	0.00784	0.00222	0.00783	PASS
	HV	11.66	3.32	7.87	4.66	11.32	0.00620	0.00176	0.00419	0.00248	0.00602	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	60MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	7.37	14.23	13.13	4.37	3.23	0.00392	0.00757	0.00698	0.00233	0.00172	PASS
Extreme（50℃）		3.44	13.00	11.89	7.44	7.00	0.00183	0.00692	0.00632	0.00396	0.00373	PASS
Extreme（40℃）		1.87	6.98	11.04	15.87	8.98	0.00100	0.00371	0.00587	0.00844	0.00478	PASS
Extreme（30℃）		12.18	1.06	3.90	2.18	9.06	0.00648	0.00056	0.00207	0.00116	0.00482	PASS
Extreme（20℃）		8.85	1.05	2.78	3.85	7.05	0.00471	0.00056	0.00148	0.00205	0.00375	PASS
Extreme（10℃）		5.94	7.84	5.49	14.94	6.84	0.00316	0.00417	0.00292	0.00795	0.00364	PASS
Extreme（0℃）		16.12	11.46	14.52	13.12	3.46	0.00857	0.00610	0.00773	0.00698	0.00184	PASS
Extreme（-10℃）		4.74	15.63	4.42	17.74	5.63	0.00252	0.00832	0.00235	0.00944	0.00300	PASS
Extreme（-20℃）		10.19	11.05	14.00	2.19	11.05	0.00542	0.00588	0.00744	0.00117	0.00588	PASS
Extreme（-30℃）		10.46	3.27	13.01	3.46	1.27	0.00556	0.00174	0.00692	0.00184	0.00067	PASS
25℃	LV	10.17	14.95	7.09	5.17	16.95	0.00541	0.00795	0.00377	0.00275	0.00901	PASS
	HV	7.84	10.21	10.19	11.84	17.21	0.00417	0.00543	0.00542	0.00630	0.00916	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	80MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	17.46	8.68	12.04	10.46	3.68	0.00929	0.00462	0.00640	0.00556	0.00196	PASS
Extreme（50℃）		12.26	12.92	16.55	14.26	10.92	0.00652	0.00687	0.00880	0.00759	0.00581	PASS
Extreme（40℃）		4.02	17.60	2.24	1.02	1.60	0.00214	0.00936	0.00119	0.00054	0.00085	PASS
Extreme（30℃）		17.90	6.56	1.46	14.90	9.56	0.00952	0.00349	0.00078	0.00793	0.00508	PASS
Extreme（20℃）		17.06	11.22	14.41	7.06	4.22	0.00908	0.00597	0.00766	0.00376	0.00225	PASS
Extreme（10℃）		16.26	2.25	11.56	13.26	1.25	0.00865	0.00120	0.00615	0.00705	0.00067	PASS
Extreme（0℃）		4.51	3.16	4.71	1.51	4.16	0.00240	0.00168	0.00251	0.00080	0.00221	PASS
Extreme（-10℃）		8.84	5.22	1.70	12.84	3.22	0.00470	0.00277	0.00091	0.00683	0.00171	PASS
Extreme（-20℃）		6.58	4.64	3.41	16.58	16.64	0.00350	0.00247	0.00181	0.00882	0.00885	PASS
Extreme（-30℃）		8.80	1.56	9.08	11.80	5.56	0.00468	0.00083	0.00483	0.00628	0.00296	PASS
25℃	LV	2.85	14.51	4.08	3.85	4.51	0.00152	0.00772	0.00217	0.00205	0.00240	PASS

	HV	11.33	6.30	10.66	13.33	12.30	0.00603	0.00335	0.00567	0.00709	0.00654	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	100MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	13.32	8.98	5.00	15.32	6.98	0.00709	0.00478	0.00266	0.00815	0.00371	PASS
Extreme（50℃）		3.63	17.23	12.27	5.63	10.23	0.00193	0.00916	0.00653	0.00300	0.00544	PASS
Extreme（40℃）		6.11	11.15	2.03	12.11	2.15	0.00325	0.00593	0.00108	0.00644	0.00115	PASS
Extreme（30℃）		4.34	3.95	11.46	6.34	16.95	0.00231	0.00210	0.00610	0.00337	0.00901	PASS
Extreme（20℃）		13.75	9.80	10.05	10.75	8.80	0.00732	0.00521	0.00535	0.00572	0.00468	PASS
Extreme（10℃）		15.16	8.66	8.96	15.16	8.66	0.00807	0.00461	0.00477	0.00807	0.00461	PASS
Extreme（0℃）		7.17	4.17	5.12	16.17	4.17	0.00382	0.00222	0.00272	0.00860	0.00222	PASS
Extreme（-10℃）		15.78	2.17	7.20	10.78	13.17	0.00840	0.00115	0.00383	0.00574	0.00701	PASS
Extreme（-20℃）		17.35	6.37	14.96	6.35	3.37	0.00923	0.00339	0.00796	0.00338	0.00179	PASS
Extreme（-30℃）		12.28	10.00	8.58	7.28	4.00	0.00653	0.00532	0.00456	0.00387	0.00213	PASS
25℃	LV	14.74	14.68	15.38	5.74	7.68	0.00784	0.00781	0.00818	0.00305	0.00409	PASS
	HV	17.56	14.19	4.12	16.56	3.19	0.00934	0.00755	0.00219	0.00881	0.00170	PASS

DC_2A-n77A subset 2												
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	20MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	5.12	14.97	11.74	11.07	17.97	0.00273	0.00796	0.00624	0.00589	0.00956	PASS
Extreme（50℃）		12.75	10.11	14.62	2.13	12.11	0.00678	0.00538	0.00778	0.00113	0.00644	PASS
Extreme（40℃）		9.05	4.09	4.08	3.92	2.09	0.00481	0.00218	0.00217	0.00208	0.00111	PASS
Extreme（30℃）		15.88	9.05	1.70	8.45	14.05	0.00845	0.00482	0.00090	0.00449	0.00748	PASS
Extreme（20℃）		5.61	14.20	5.48	7.49	1.20	0.00298	0.00755	0.00291	0.00399	0.00064	PASS
Extreme（10℃）		6.65	8.24	14.06	17.62	7.24	0.00354	0.00438	0.00748	0.00937	0.00385	PASS
Extreme（0℃）		14.41	12.44	1.08	10.33	2.44	0.00766	0.00662	0.00058	0.00549	0.00130	PASS
Extreme（-10℃）		15.91	5.65	2.94	8.32	10.65	0.00846	0.00300	0.00156	0.00442	0.00566	PASS
Extreme（-20℃）		13.30	17.46	13.54	14.43	10.46	0.00708	0.00929	0.00720	0.00767	0.00556	PASS
Extreme（-30℃）		1.76	3.92	1.53	12.40	1.92	0.00094	0.00209	0.00082	0.00660	0.00102	PASS
25℃	LV	14.15	8.11	1.56	11.19	7.11	0.00752	0.00432	0.00083	0.00595	0.00378	PASS
	HV	15.98	14.85	9.73	1.04	5.85	0.00850	0.00790	0.00518	0.00055	0.00311	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	40MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	

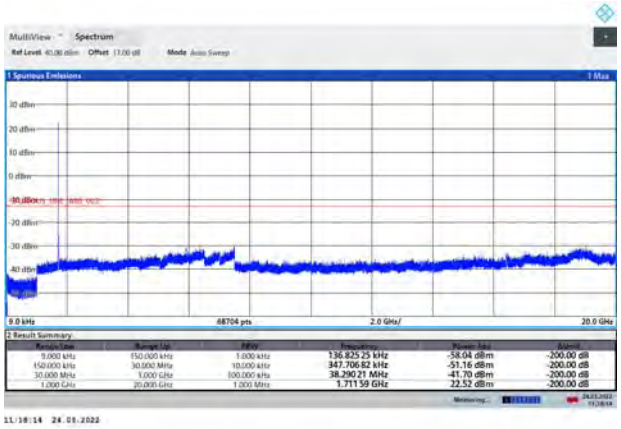
Normal（25℃）	Normal	9.05	14.69	6.88	4.25	3.69	0.00482	0.00781	0.00366	0.00226	0.00196	PASS
Extreme（50℃）		4.82	6.78	7.97	15.77	10.78	0.00256	0.00361	0.00424	0.00839	0.00573	PASS
Extreme（40℃）		8.30	9.92	9.58	14.16	13.92	0.00441	0.00528	0.00510	0.00753	0.00741	PASS
Extreme（30℃）		2.90	11.57	15.30	17.29	3.57	0.00154	0.00615	0.00814	0.00919	0.00190	PASS
Extreme（20℃）		2.98	3.37	17.02	13.20	16.37	0.00158	0.00179	0.00905	0.00702	0.00871	PASS
Extreme（10℃）		17.94	15.68	16.34	7.80	9.68	0.00954	0.00834	0.00869	0.00415	0.00515	PASS
Extreme（0℃）		16.50	5.17	7.82	15.71	12.17	0.00878	0.00275	0.00416	0.00835	0.00647	PASS
Extreme（-10℃）		4.20	1.83	4.87	15.24	11.83	0.00224	0.00098	0.00259	0.00811	0.00629	PASS
Extreme（-20℃）		2.11	15.35	6.53	16.94	12.35	0.00112	0.00817	0.00348	0.00901	0.00657	PASS
Extreme（-30℃）		3.56	7.73	6.78	2.20	17.73	0.00189	0.00411	0.00360	0.00117	0.00943	PASS
25℃	LV	3.98	3.50	9.52	13.74	6.50	0.00212	0.00186	0.00507	0.00731	0.00346	PASS
	HV	1.73	8.59	4.64	3.08	14.59	0.00092	0.00457	0.00247	0.00164	0.00776	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	60MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	11.73	3.65	5.03	2.07	13.65	0.00624	0.00194	0.00267	0.00110	0.00726	PASS
Extreme（50℃）		6.44	7.67	14.05	2.16	13.67	0.00342	0.00408	0.00747	0.00115	0.00727	PASS
Extreme（40℃）		7.03	1.53	2.66	5.99	2.53	0.00374	0.00081	0.00141	0.00319	0.00135	PASS
Extreme（30℃）		8.00	10.81	8.98	6.50	2.81	0.00425	0.00575	0.00478	0.00346	0.00150	PASS
Extreme（20℃）		17.01	3.23	8.91	15.15	14.23	0.00905	0.00172	0.00474	0.00806	0.00757	PASS
Extreme（10℃）		16.59	16.28	1.89	17.03	3.28	0.00883	0.00866	0.00100	0.00906	0.00174	PASS
Extreme（0℃）		8.94	6.86	5.59	9.95	13.86	0.00476	0.00365	0.00297	0.00529	0.00737	PASS
Extreme（-10℃）		5.24	4.23	3.24	6.97	1.23	0.00279	0.00225	0.00172	0.00371	0.00066	PASS
Extreme（-20℃）		16.27	4.25	2.03	8.67	1.25	0.00866	0.00226	0.00108	0.00461	0.00067	PASS
Extreme（-30℃）		6.54	4.22	4.64	7.53	15.22	0.00348	0.00225	0.00247	0.00400	0.00810	PASS
25℃	LV	1.48	4.75	6.10	10.56	12.75	0.00079	0.00253	0.00325	0.00562	0.00678	PASS
	HV	5.42	5.52	16.96	4.57	3.52	0.00288	0.00293	0.00902	0.00243	0.00187	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	80MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	11.66	6.46	5.11	15.48	8.46	0.00620	0.00344	0.00272	0.00824	0.00450	PASS
Extreme（50℃）		11.50	12.48	12.23	7.50	5.48	0.00612	0.00664	0.00651	0.00399	0.00291	PASS
Extreme（40℃）		9.37	9.87	3.43	15.67	11.87	0.00499	0.00525	0.00182	0.00834	0.00631	PASS
Extreme（30℃）		11.98	17.81	8.60	11.09	3.81	0.00637	0.00947	0.00458	0.00590	0.00203	PASS
Extreme（20℃）		15.53	17.81	16.14	3.78	11.81	0.00826	0.00947	0.00859	0.00201	0.00628	PASS
Extreme（10℃）		8.72	3.22	16.67	11.98	3.22	0.00464	0.00171	0.00886	0.00637	0.00171	PASS
Extreme（0℃）		8.49	6.34	9.43	14.12	13.34	0.00452	0.00337	0.00501	0.00751	0.00710	PASS
Extreme（-10℃）		14.43	11.86	12.01	14.94	3.86	0.00767	0.00631	0.00639	0.00795	0.00205	PASS

Extreme（-20℃）		3.49	5.18	17.02	2.43	5.18	0.00186	0.00276	0.00905	0.00129	0.00276	PASS
Extreme（-30℃）		2.89	11.73	11.62	1.55	4.73	0.00154	0.00624	0.00618	0.00083	0.00251	PASS
25℃	LV	3.20	10.41	14.02	12.75	9.41	0.00170	0.00554	0.00746	0.00678	0.00501	PASS
	HV	4.65	6.30	5.15	14.15	6.30	0.00247	0.00335	0.00274	0.00753	0.00335	PASS
Condition		Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Freq.Error (Hz)	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Frequency Stability （ppm）	Verdict
BANDWIDTH	100MHz											
Temperature	Voltage	256QAM	BPSK	64QAM	16QAM	QPSK	256QAM	BPSK	64QAM	16QAM	QPSK	
Normal（25℃）	Normal	1.47	14.17	4.89	4.43	10.17	0.00078	0.00754	0.00260	0.00236	0.00541	PASS
Extreme（50℃）		7.40	9.79	8.19	9.42	11.79	0.00394	0.00521	0.00435	0.00501	0.00627	PASS
Extreme（40℃）		14.60	5.33	11.05	8.73	13.33	0.00777	0.00283	0.00588	0.00465	0.00709	PASS
Extreme（30℃）		7.91	6.07	2.23	17.79	5.07	0.00421	0.00323	0.00119	0.00947	0.00269	PASS
Extreme（20℃）		6.49	2.16	5.22	16.55	13.16	0.00345	0.00115	0.00277	0.00880	0.00700	PASS
Extreme（10℃）		13.00	13.79	10.02	14.40	8.79	0.00691	0.00734	0.00533	0.00766	0.00468	PASS
Extreme（0℃）		15.70	8.72	7.71	5.15	4.72	0.00835	0.00464	0.00410	0.00274	0.00251	PASS
Extreme（-10℃）		11.88	13.28	2.23	11.47	6.28	0.00632	0.00706	0.00118	0.00610	0.00334	PASS
Extreme（-20℃）		12.78	2.13	3.84	8.31	17.13	0.00680	0.00114	0.00204	0.00442	0.00911	PASS
Extreme（-30℃）		12.47	14.79	12.53	10.86	15.79	0.00663	0.00787	0.00666	0.00578	0.00840	PASS
25℃	LV	3.84	11.84	8.98	8.39	14.84	0.00204	0.00630	0.00478	0.00446	0.00789	PASS
	HV	16.81	16.76	7.67	5.51	16.76	0.00894	0.00892	0.00408	0.00293	0.00892	PASS

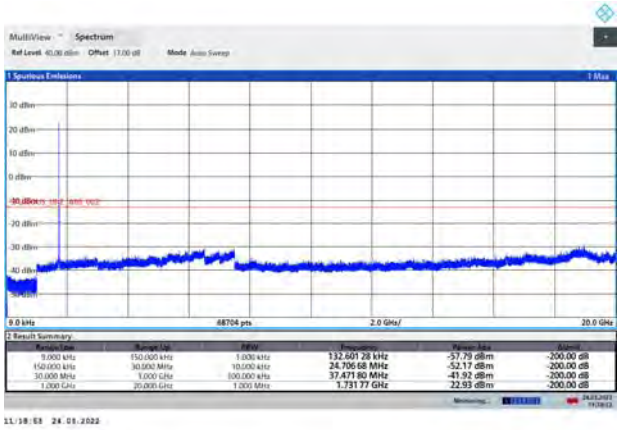
6.6 Spurious Emissions at Antenna Terminals

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.
The signal beyond the limit is carrier.

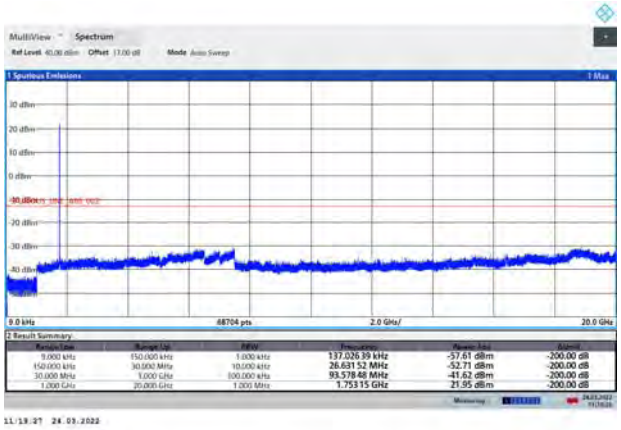
WCDMA Band IV CH-Low 9kHz~20GHz



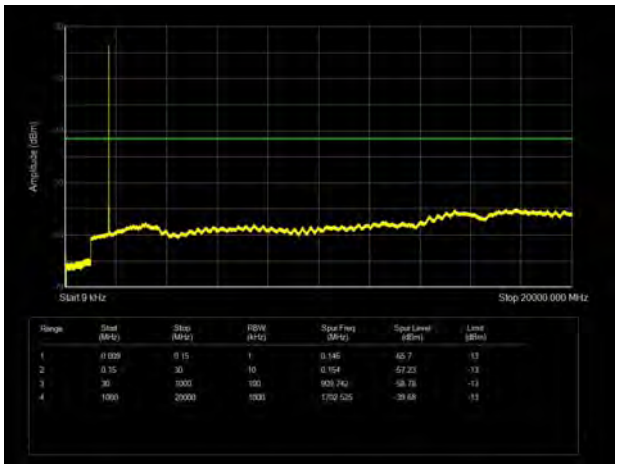
WCDMA Band IV CH-Middle 9kHz~20GHz



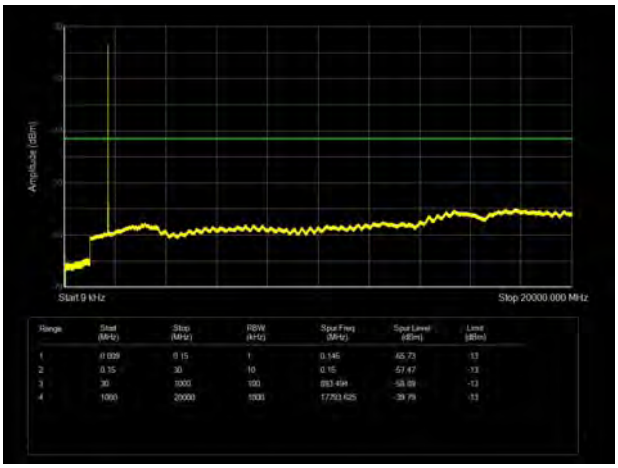
WCDMA Band IV CH-High 9kHz~20GHz



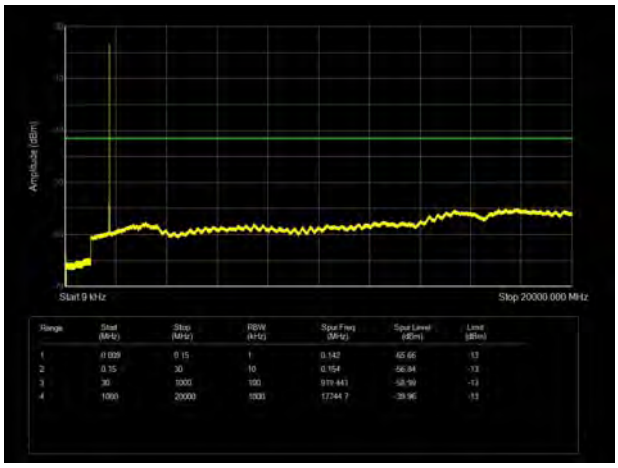
LTE Band 4 1.4MHz CH-Low 9kHz~20GHz



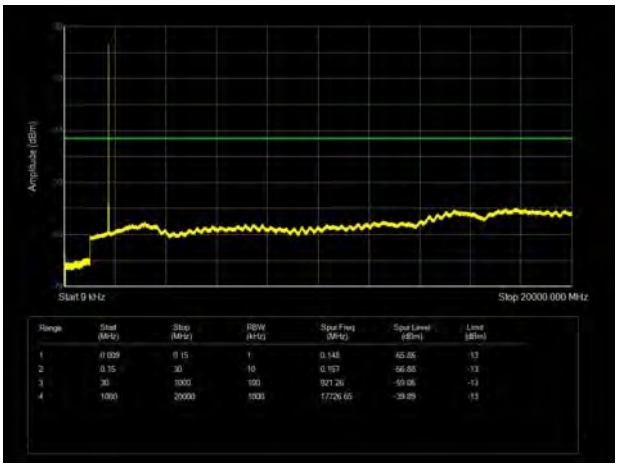
LTE Band 4 3MHz CH- Low 9kHz~20GHz



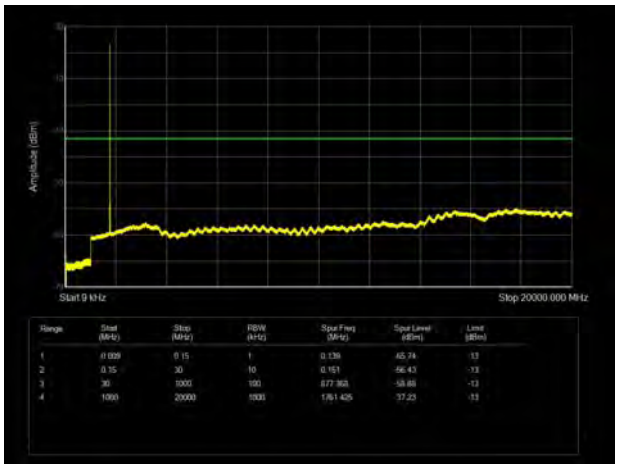
LTE Band 4 1.4MHz CH- Middle 9kHz~20GHz



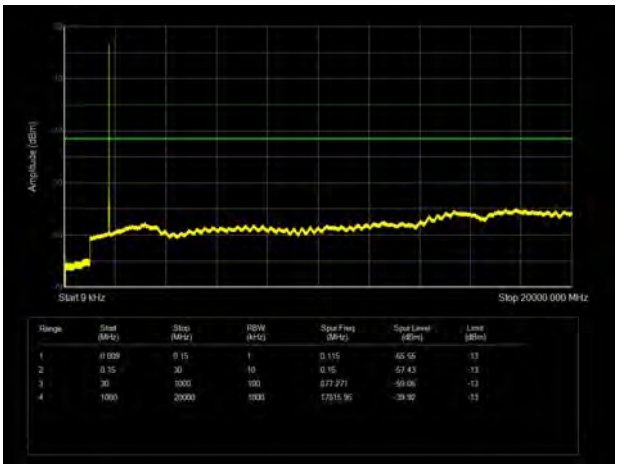
LTE Band 4 3MHz CH- Middle 9kHz~20GHz



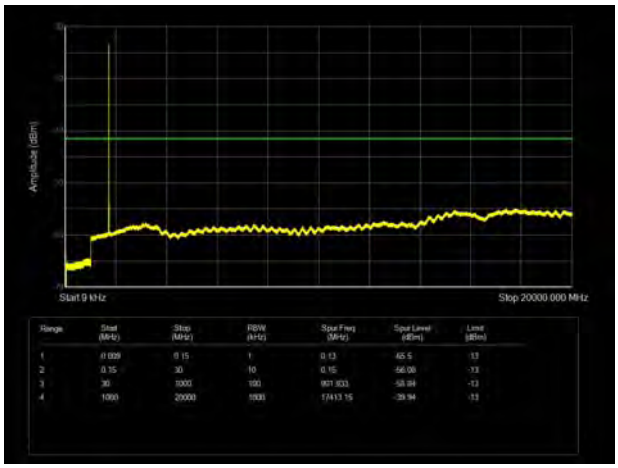
LTE Band 4 1.4MHz CH- High 9kHz~20GHz



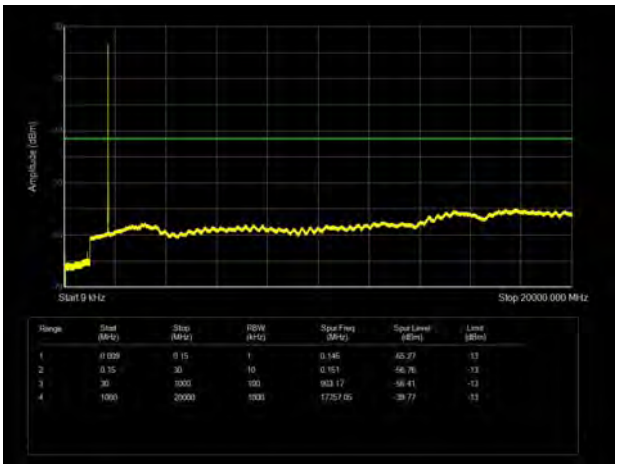
LTE Band 4 3MHz CH-High 9kHz~20GHz



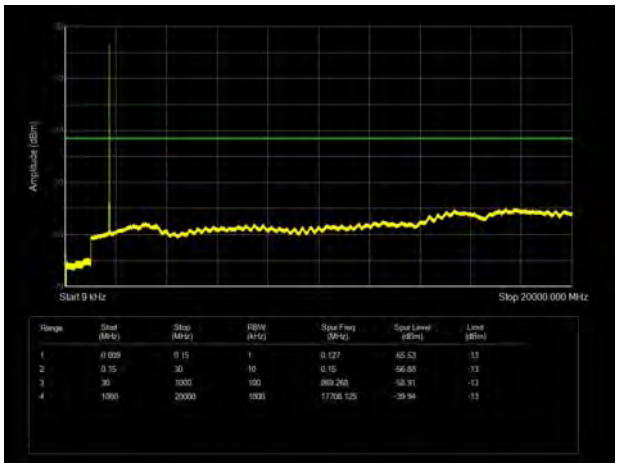
LTE Band 4 5MHz CH- Low 9kHz~20GHz



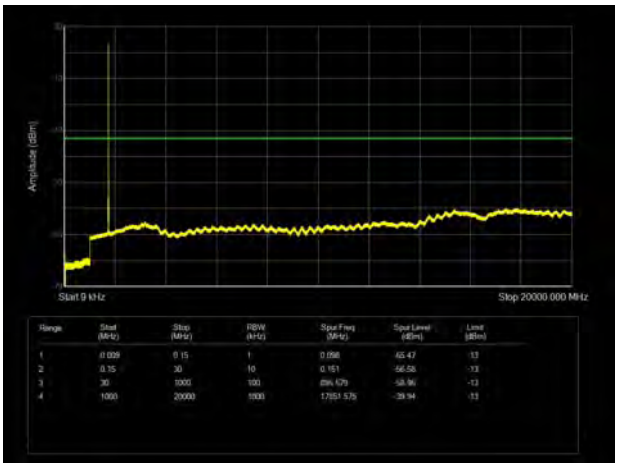
LTE Band 4 10MHz CH-Low 9kHz~20GHz



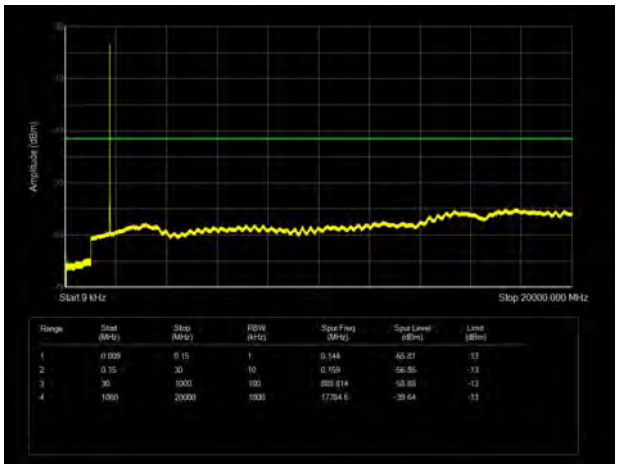
LTE Band 4 5MHz CH- Middle 9kHz~20GHz



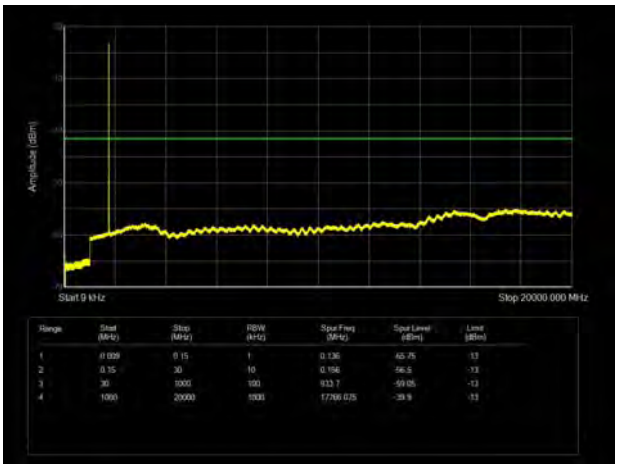
LTE Band 4 10MHz CH- Middle 9kHz~20GHz



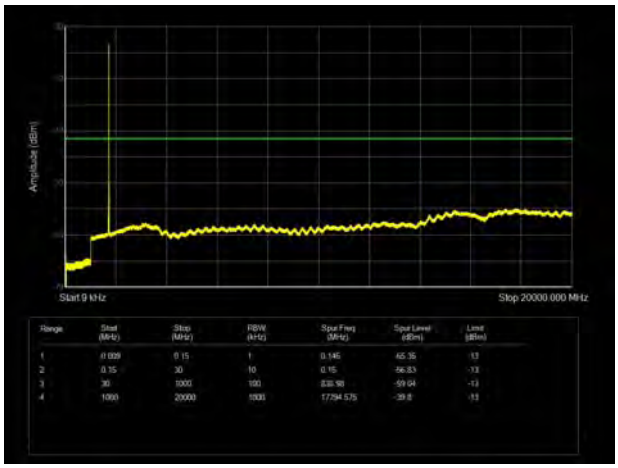
LTE Band 4 5MHz CH-High 9kHz~20GHz



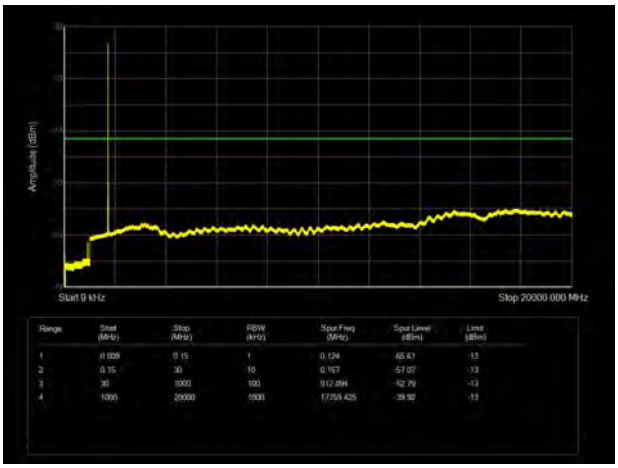
LTE Band 4 10MHz CH- High 9kHz~20GHz



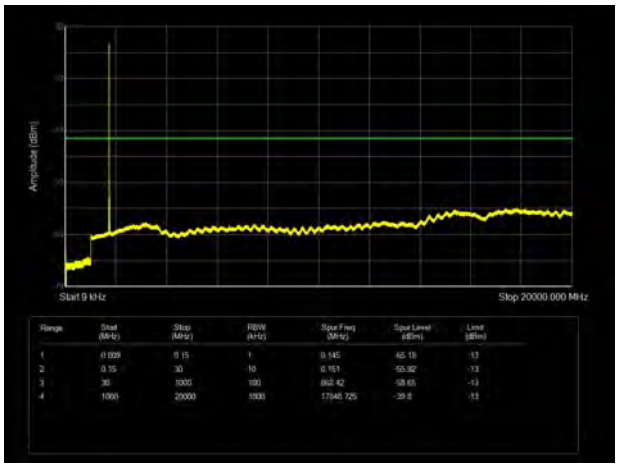
LTE Band 4 15MHz CH- Low 9kHz~20GHz



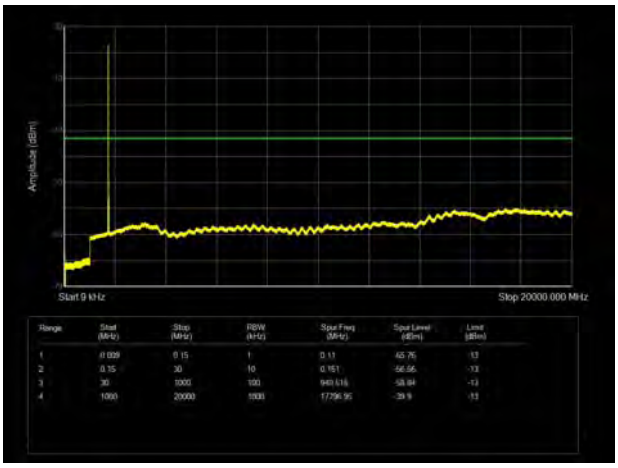
LTE Band 4 20MHz CH-Low 9kHz~20GHz



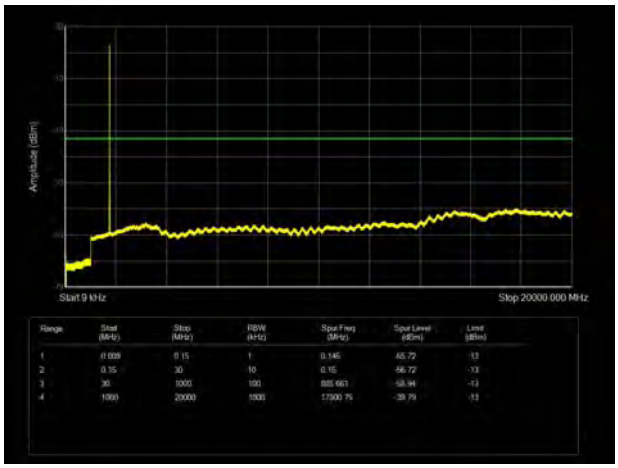
LTE Band 4 15MHz CH- Middle 9kHz~20GHz



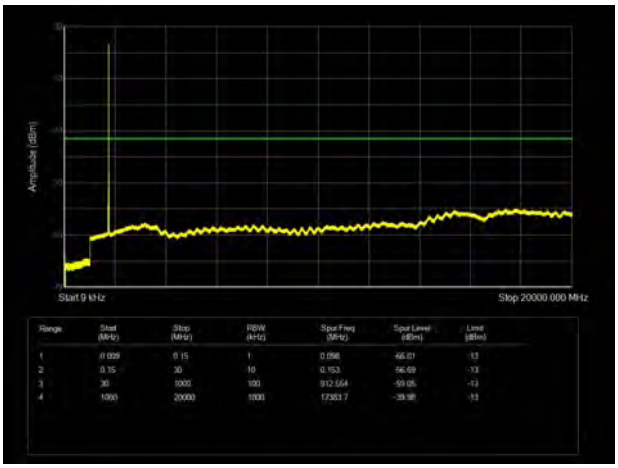
LTE Band 4 20MHz CH- Middle 9kHz~20GHz



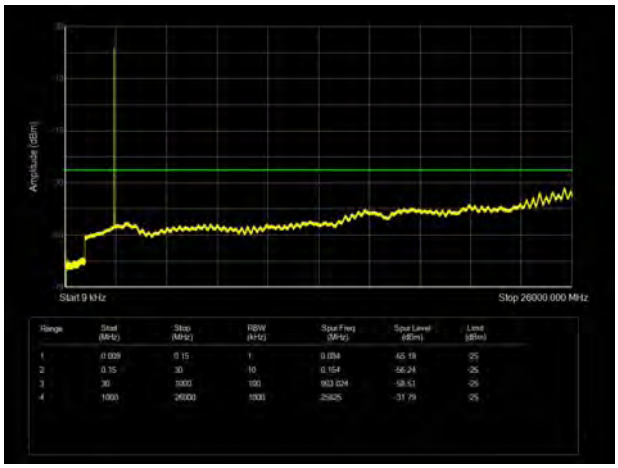
LTE Band 4 15MHz CH-High 9kHz~20GHz



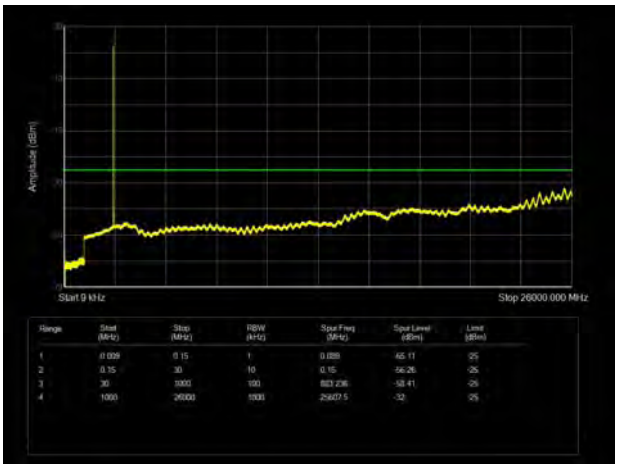
LTE Band 4 20MHz CH- High 9kHz~20GHz



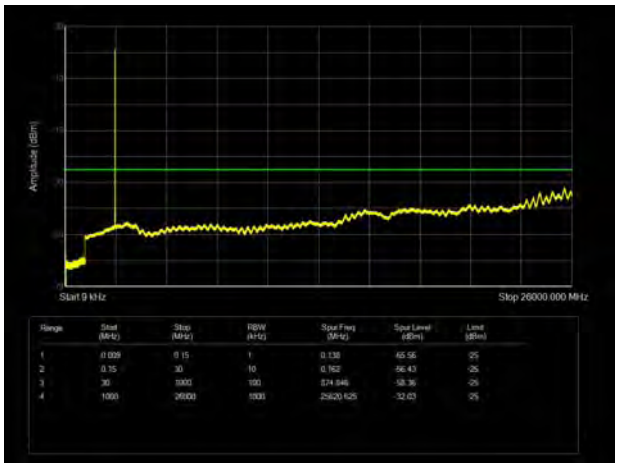
LTE Band 7 5MHz CH- Low 9kHz~26GHz



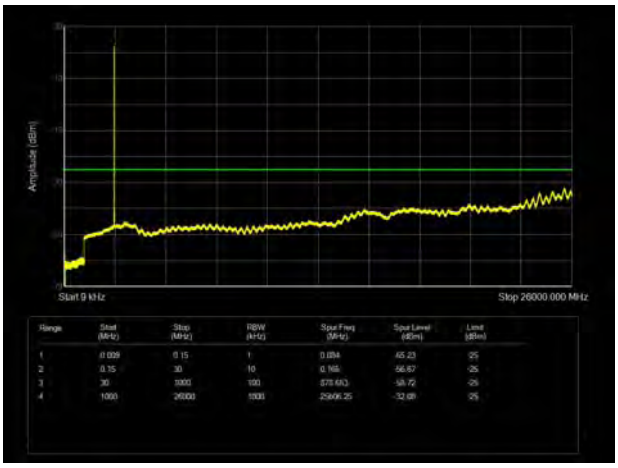
LTE Band 7 10MHz CH-Low 9kHz~26GHz



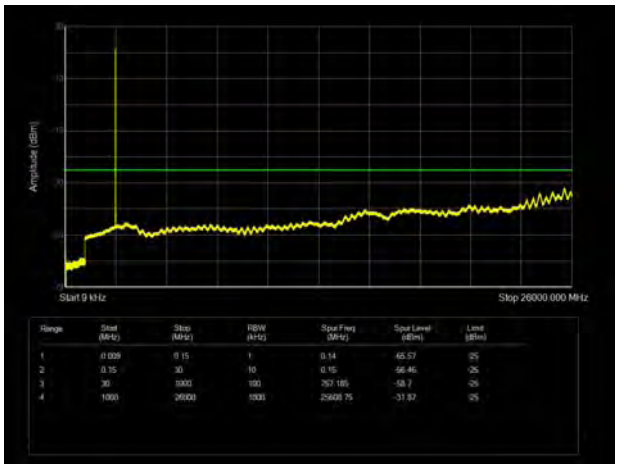
LTE Band 7 5MHz CH- Middle 9kHz~26GHz



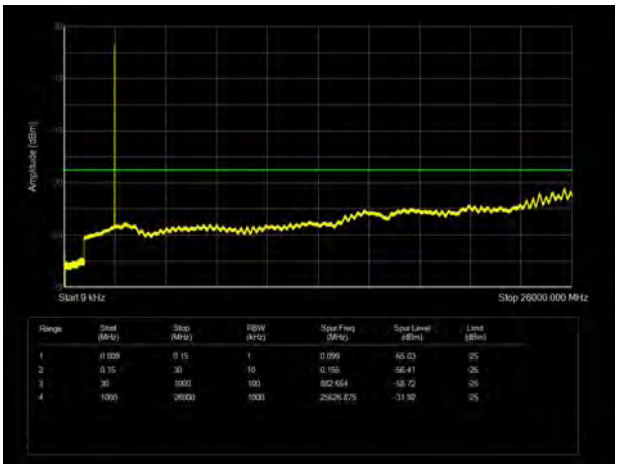
LTE Band 7 10MHz CH- Middle 9kHz~26GHz



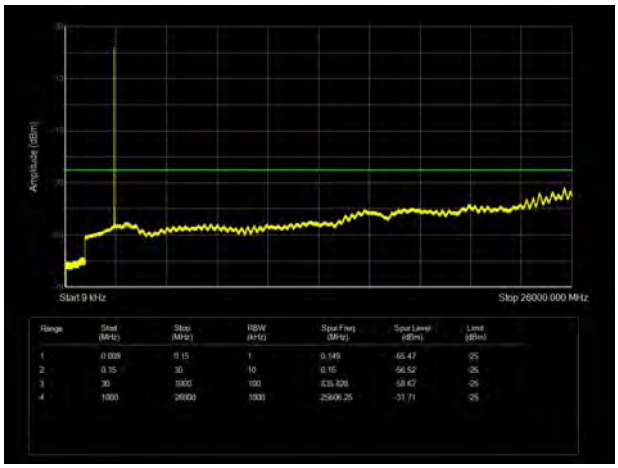
LTE Band 7 5MHz CH-High 9kHz~26GHz



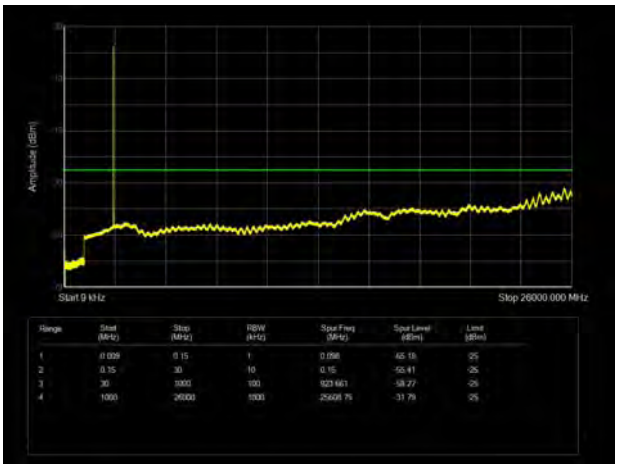
LTE Band 7 10MHz CH- High 9kHz~26GHz



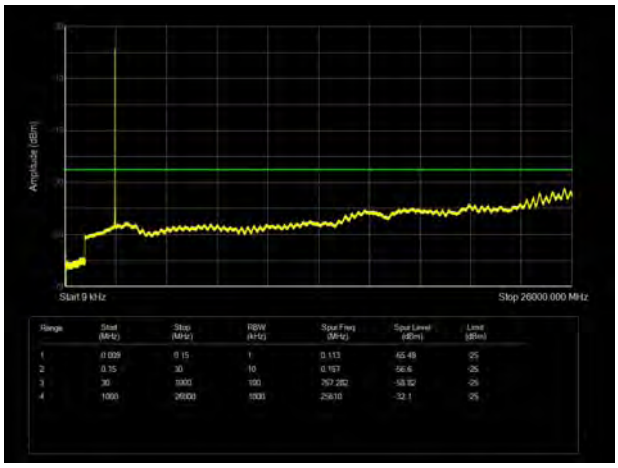
LTE Band 7 15MHz CH- Low 9kHz~26GHz



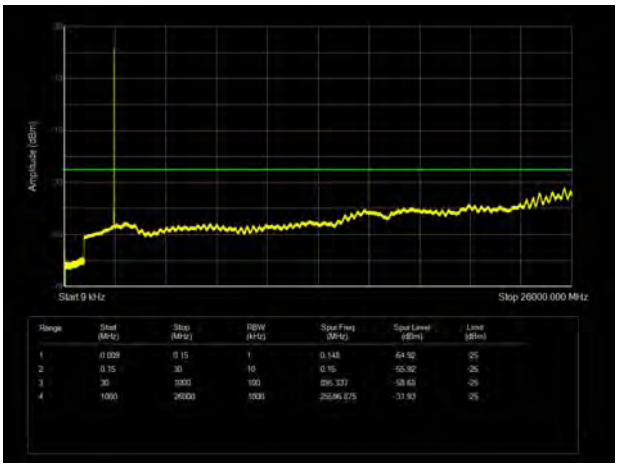
LTE Band 7 20MHz CH-Low 9kHz~26GHz



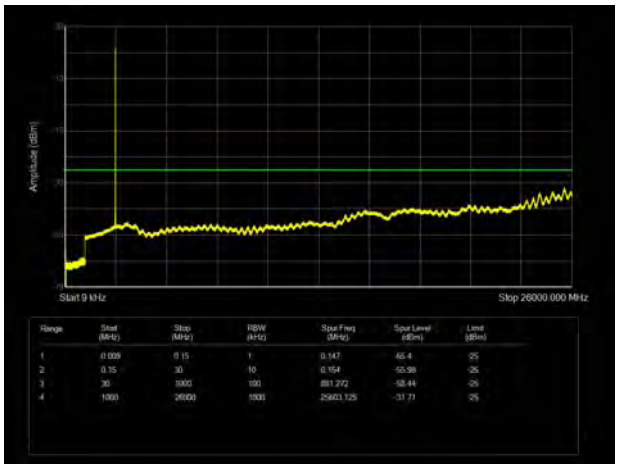
LTE Band 7 15MHz CH- Middle 9kHz~26GHz



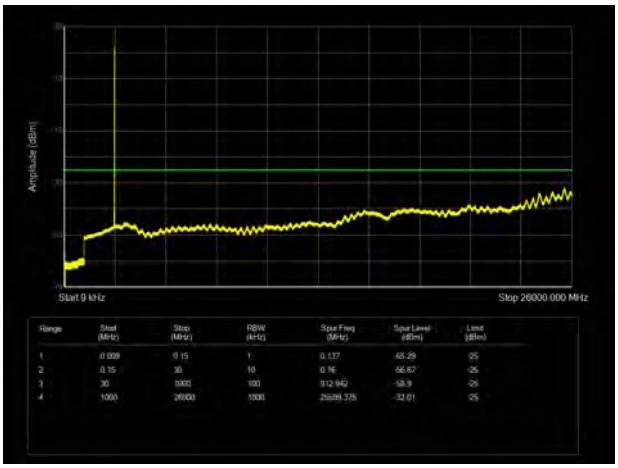
LTE Band 7 20MHz CH- Middle 9kHz~26GHz



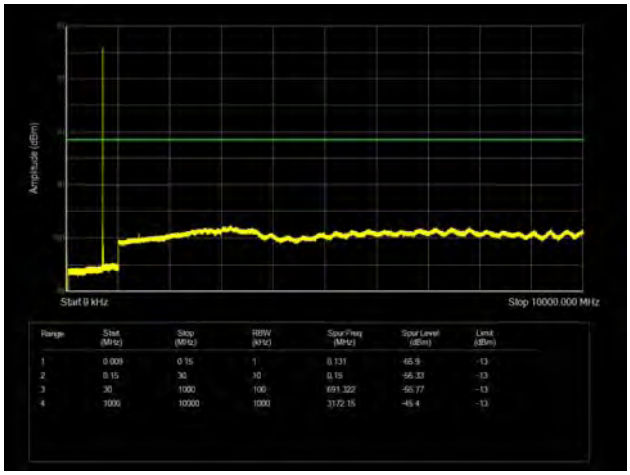
LTE Band 7 15MHz CH-High 9kHz~26GHz



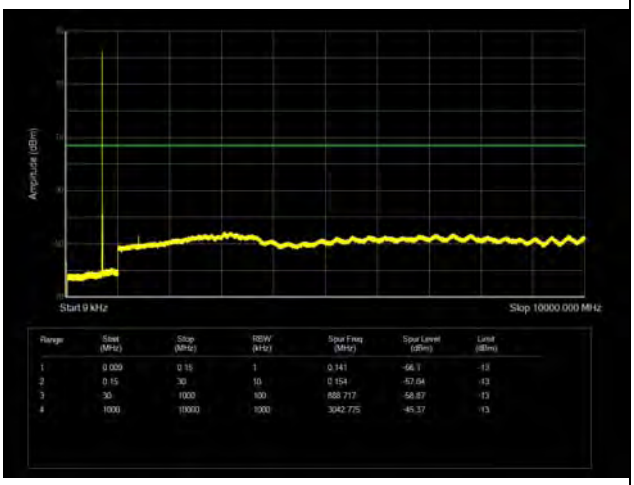
LTE Band 7 20MHz CH- High 9kHz~26GHz



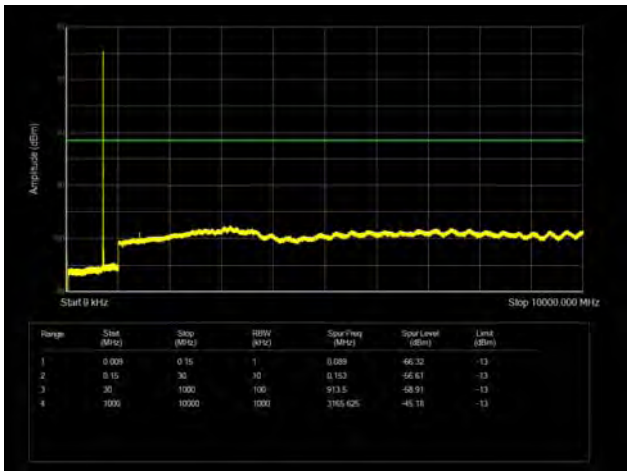
LTE Band 12 1.4MHz CH-Low 9kHz ~10GHz



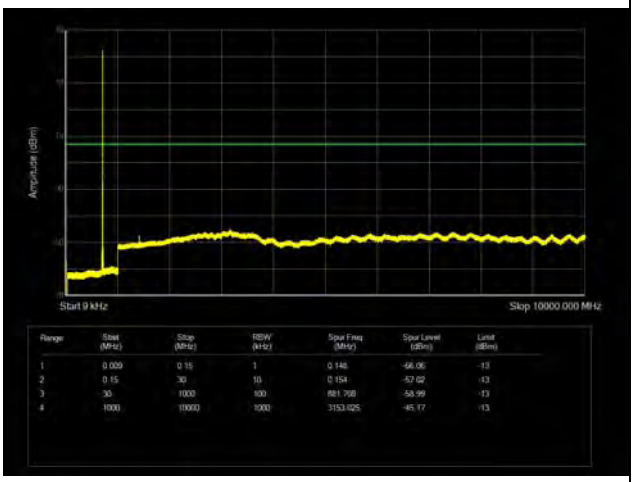
LTE Band 12 3MHz CH-Low 9kHz ~10GHz



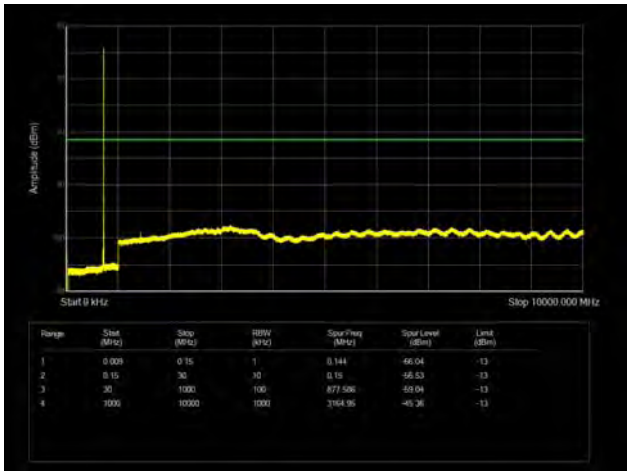
LTE Band 12 1.4MHz CH- Middle 9kHz ~10GHz



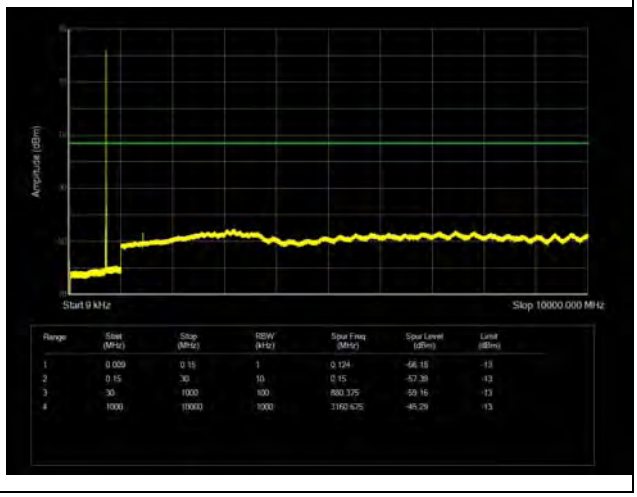
LTE Band 12 3MHz CH- Middle 9kHz ~10GHz



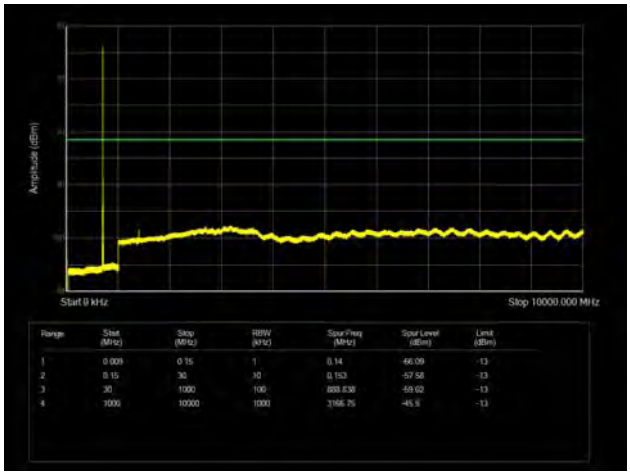
LTE Band 12 1.4MHz CH-High 9kHz ~10GHz



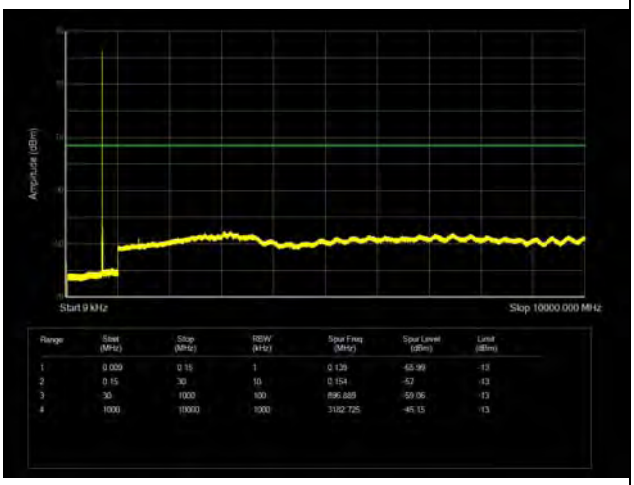
LTE Band 12 3MHz CH-High 9kHz ~10GHz



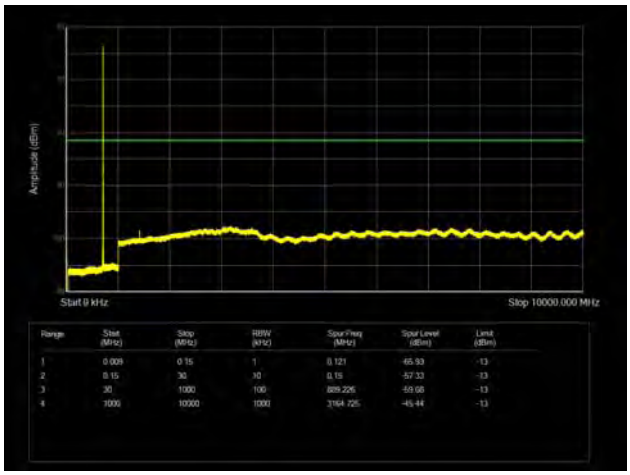
LTE Band 12 5MHz CH-Low 9kHz ~10GHz



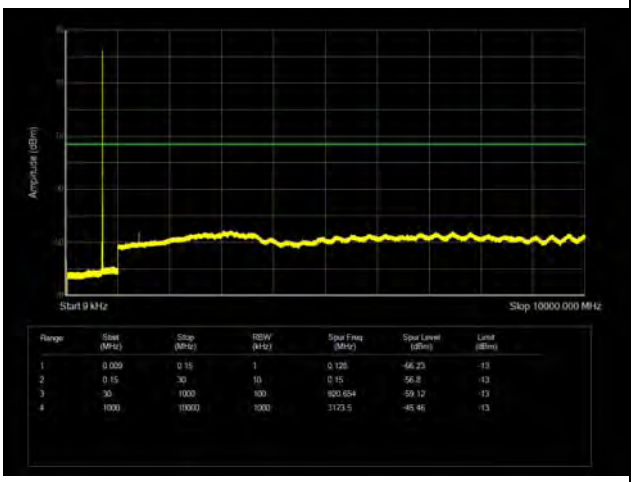
LTE Band 12 10MHz CH-Low 9kHz ~10GHz



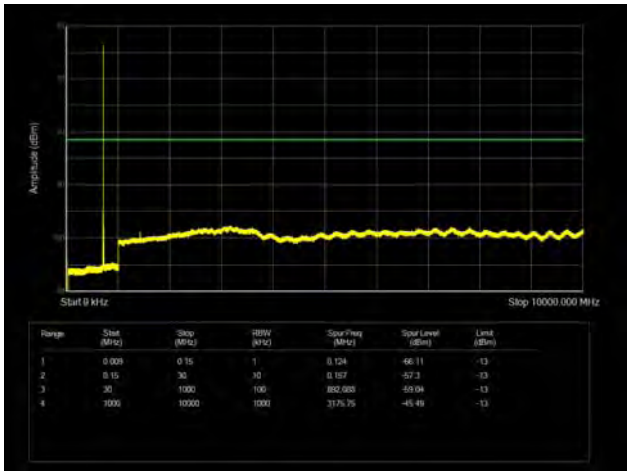
LTE Band 12 5MHz CH- Middle 9kHz ~10GHz



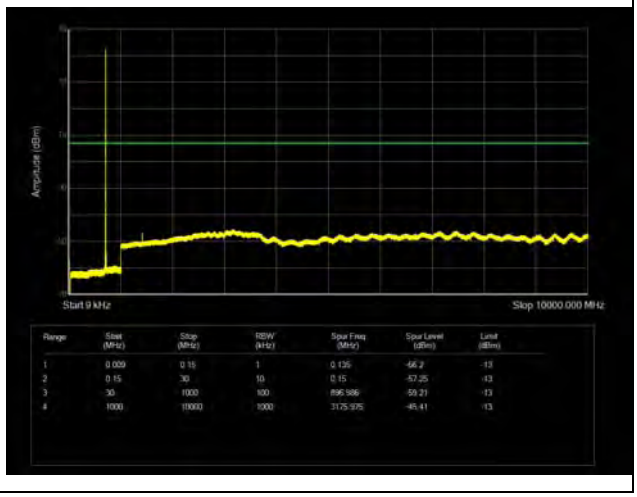
LTE Band 12 10MHz CH- Middle 9kHz ~10GHz



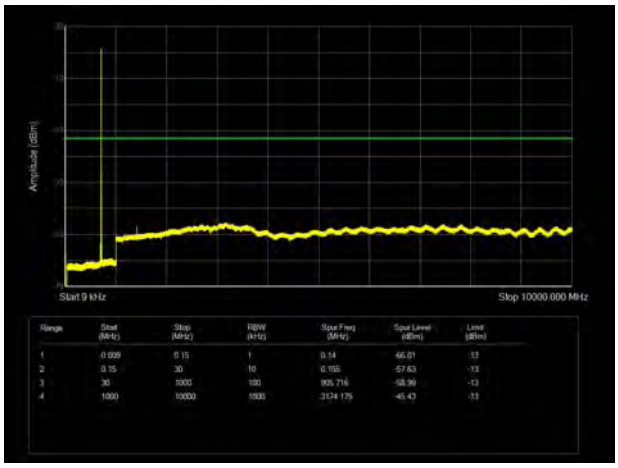
LTE Band 12 5MHz CH-High 9kHz ~10GHz



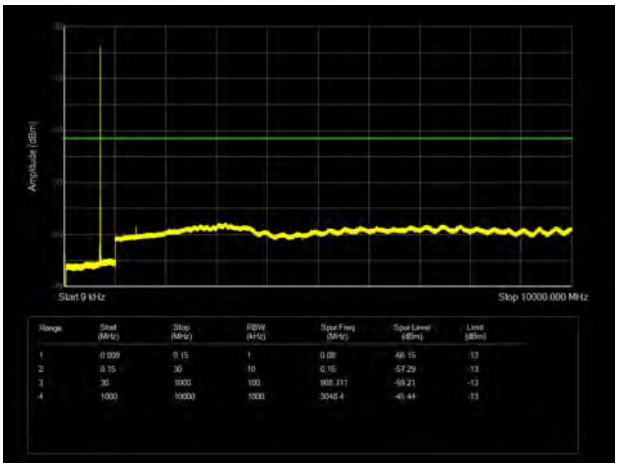
LTE Band 12 10MHz CH-High 9kHz ~10GHz



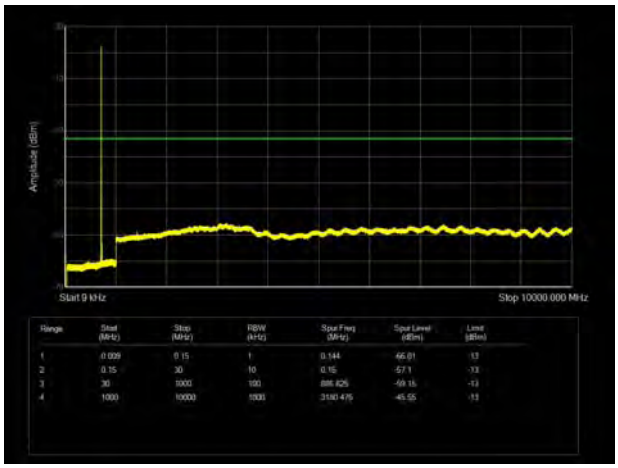
LTE Band 17 5MHz CH-Low 9kHz ~10GHz



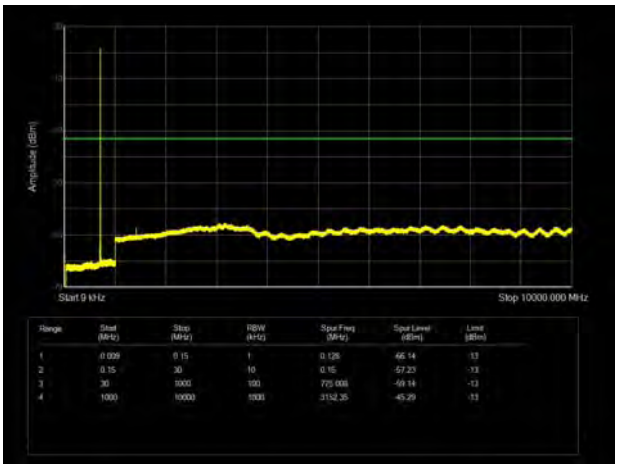
LTE Band 17 10MHz CH-Low 9kHz ~10GHz



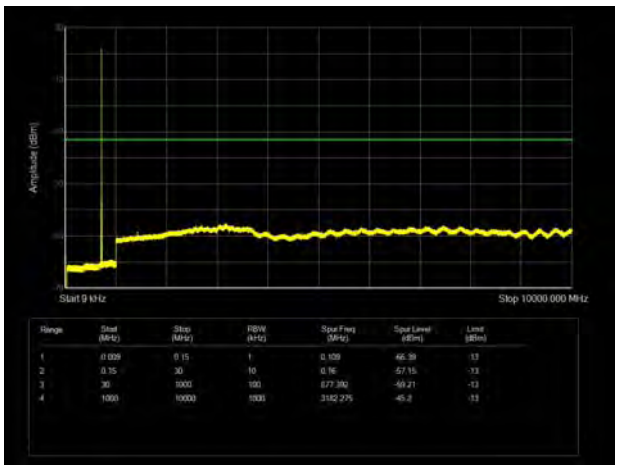
LTE Band 17 5MHz CH-Middle 9kHz ~10GHz



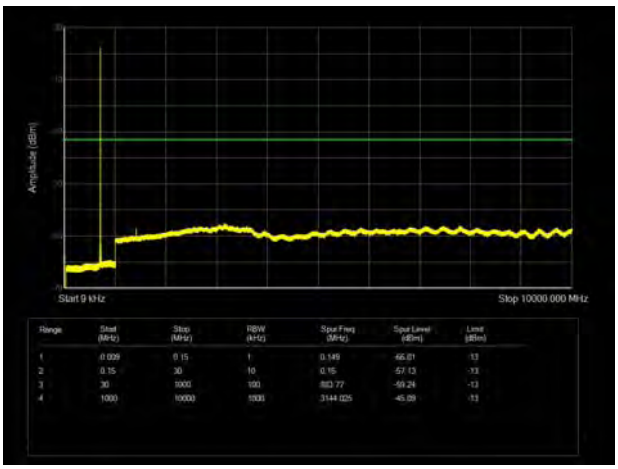
LTE Band 17 10MHz CH-Middle 9kHz ~10GHz



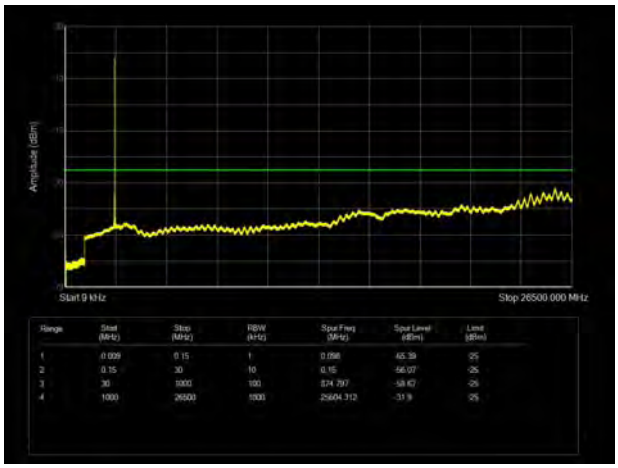
LTE Band 17 5MHz CH-High 9kHz ~10GHz



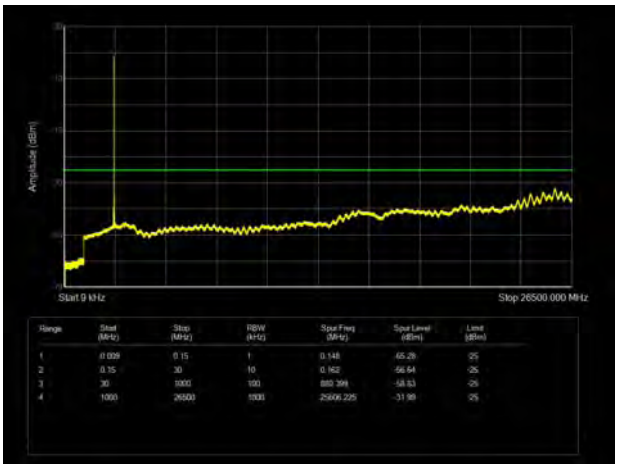
LTE Band 17 10MHz CH-High 9kHz ~10GHz



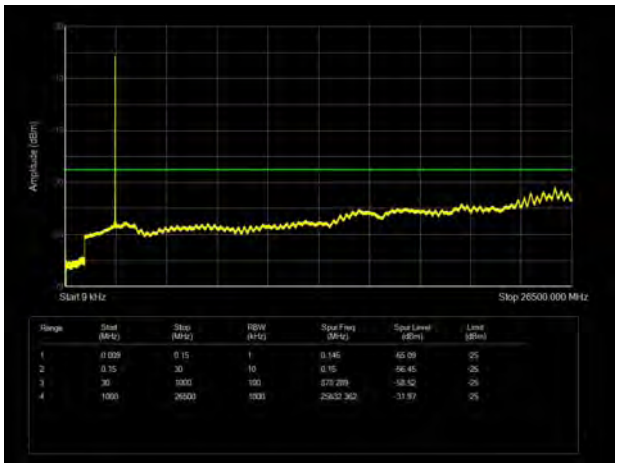
LTE Band 38 5MHz CH-Low 9kHz~26.5GHz



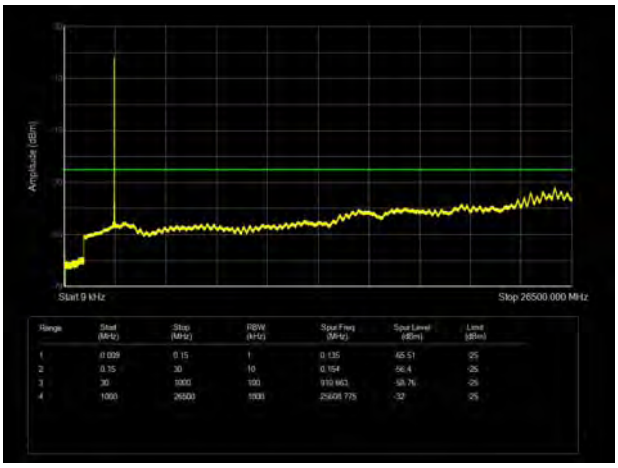
LTE Band 38 10MHz CH- Low 9kHz~26.5GHz



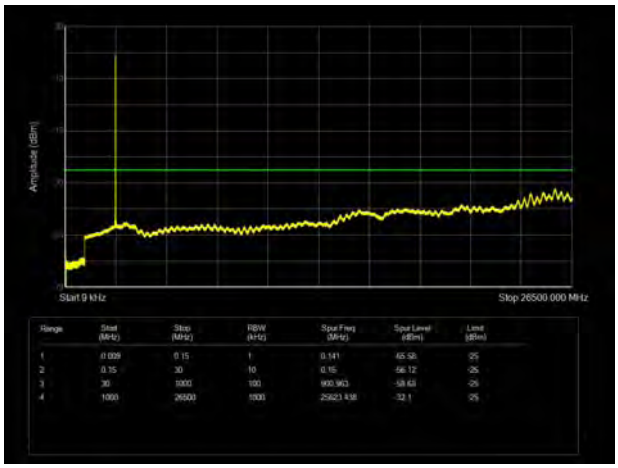
LTE Band 38 5MHz CH- Middle 9kHz~26.5GHz



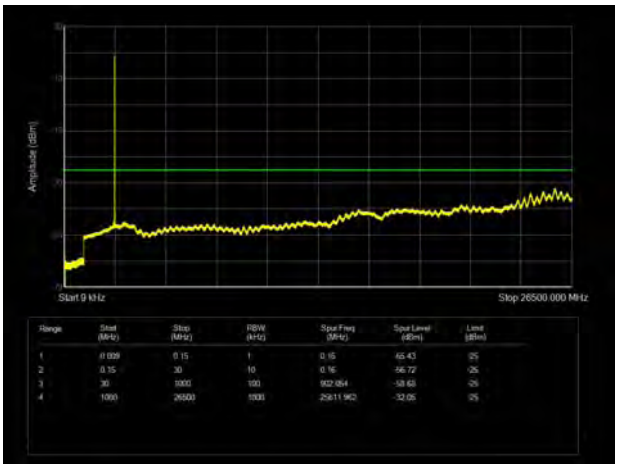
LTE Band 38 10MHz CH- Middle 9kHz~26.5GHz



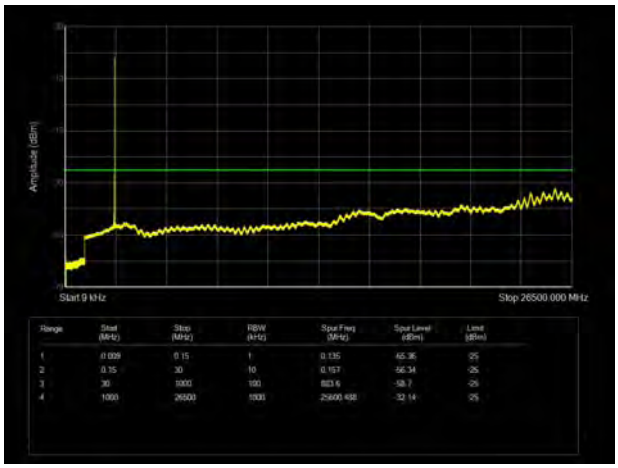
LTE Band 38 5MHz CH- High 9kHz~26.5GHz



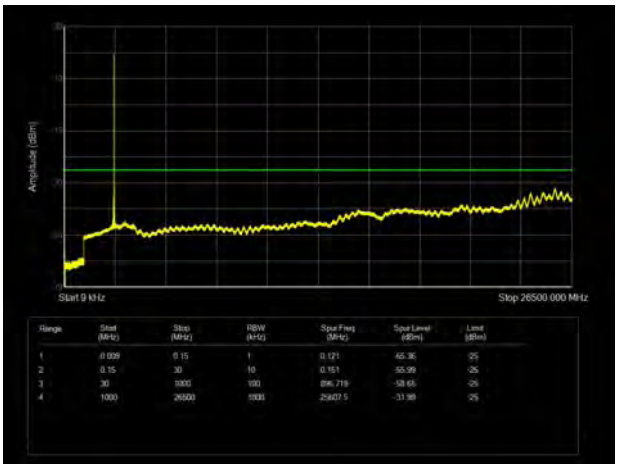
LTE Band 38 10MHz CH-High 9kHz~26.5GHz



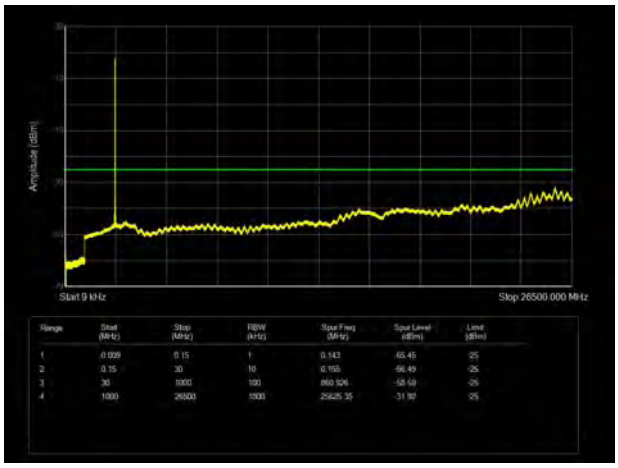
LTE Band 38 15MHz CH- Low 9kHz~26.5GHz



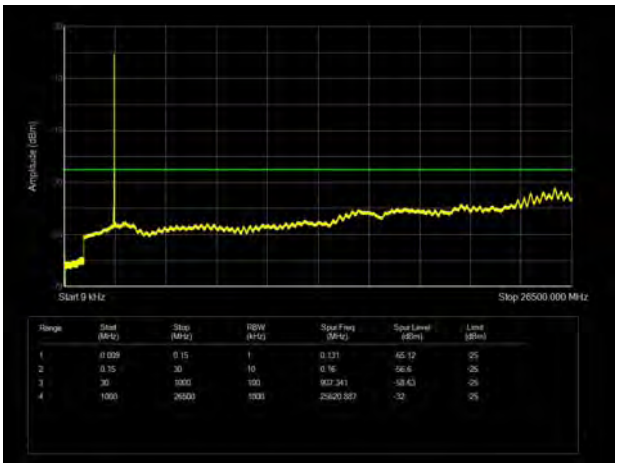
LTE Band 38 20MHz CH-Low 9kHz~26.5GHz



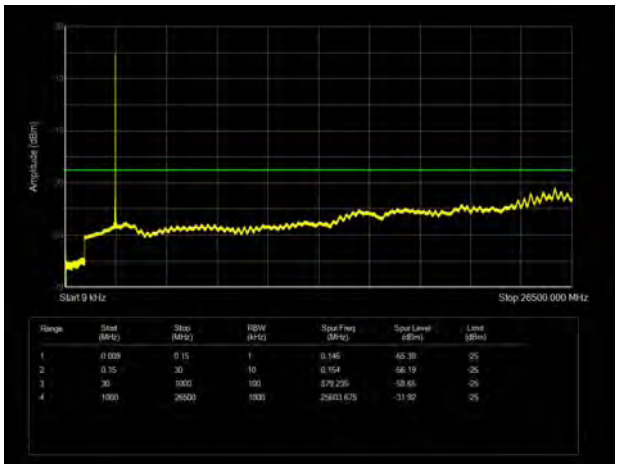
LTE Band 38 15MHz CH- Middle 9kHz~26.5GHz



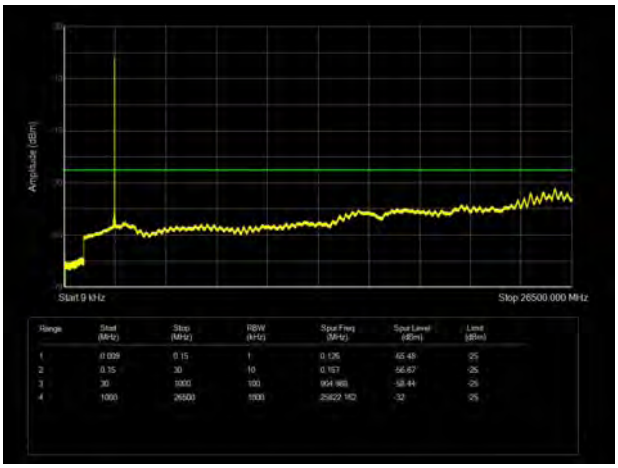
LTE Band 38 20MHz CH- Middle 9kHz~26.5GHz



LTE Band 3815MHz CH-High 9kHz~26.5GHz



LTE Band 38 20MHz CH- High 9kHz~26.5GHz

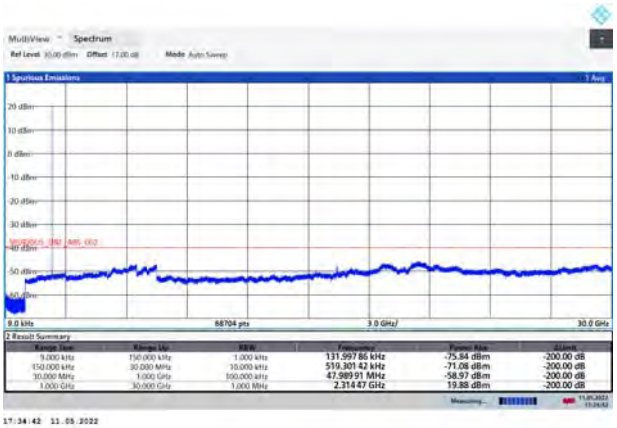


LTE Band 40 Subset 1 5MHz CH- Low
9kHz~30GHz

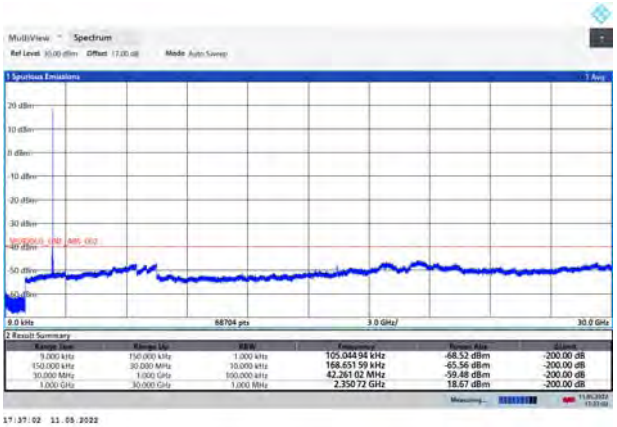
LTE Band 40 Subset 1 10MHz
9kHz~30GHz

LTE Band 40 Subset 1 5MHz CH- Middle
9kHz~30GHz

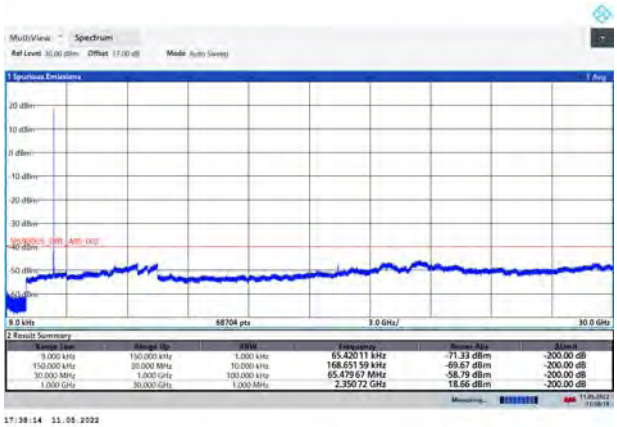
LTE Band 40 Subset 1 5MHz CH-High
9kHz~30GHz



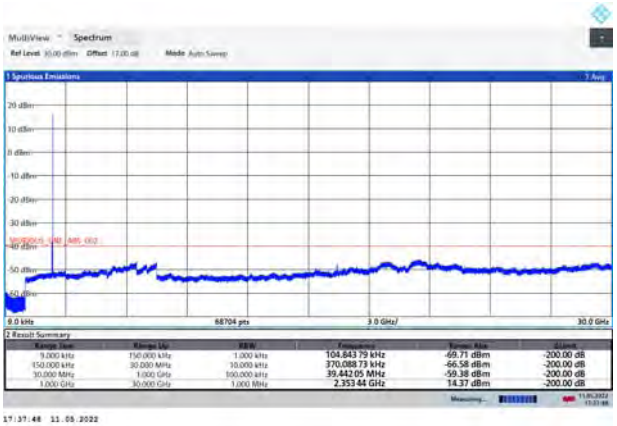
LTE Band 40 Subset 2 5MHz CH- Low
9kHz~30GHz



LTE Band 40 Subset 2 10MHz
9kHz~30GHz

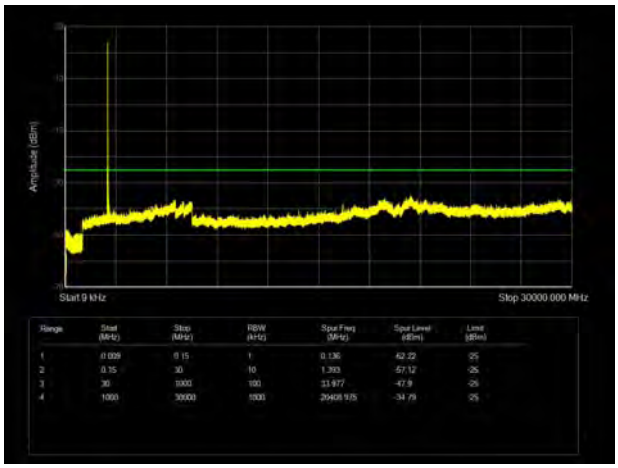


LTE Band 40 Subset 2 5MHz CH- Middle
9kHz~30GHz

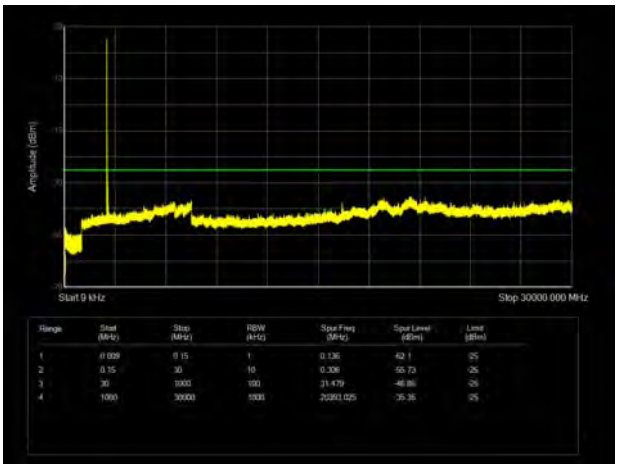


LTE Band 40 Subset 2 5MHz CH-High
9kHz~30GHz

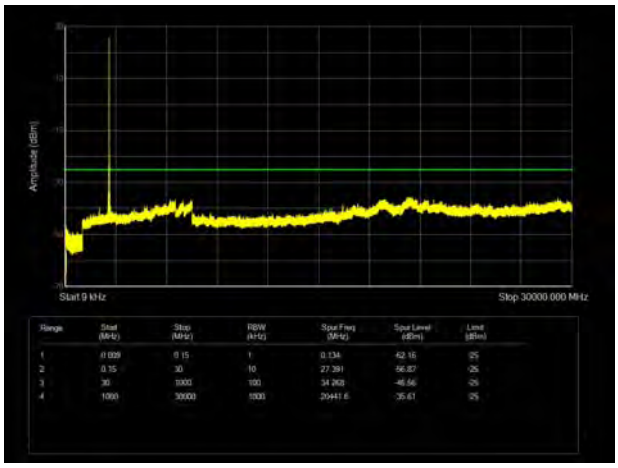
LTE Band 41 5MHz CH-Low 9kHz~30GHz



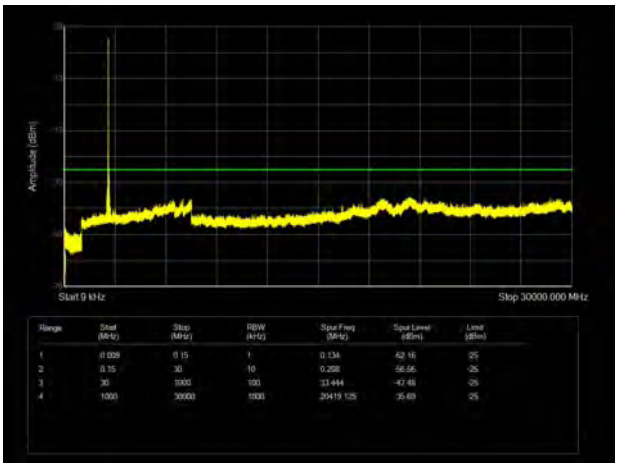
LTE Band 41 10MHz CH- Low 9kHz~30GHz



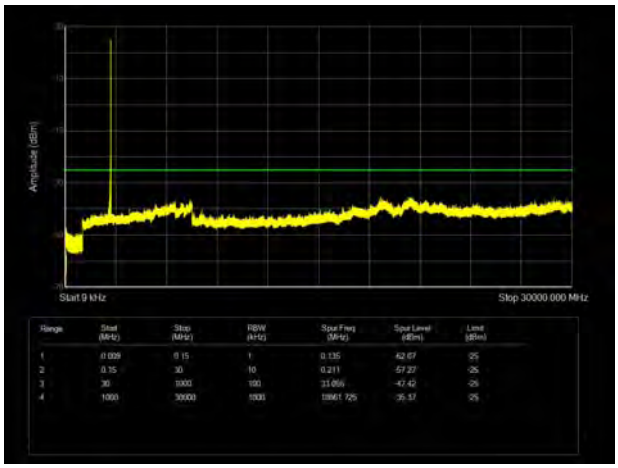
LTE Band 41 5MHz CH- Middle 9kHz~30GHz



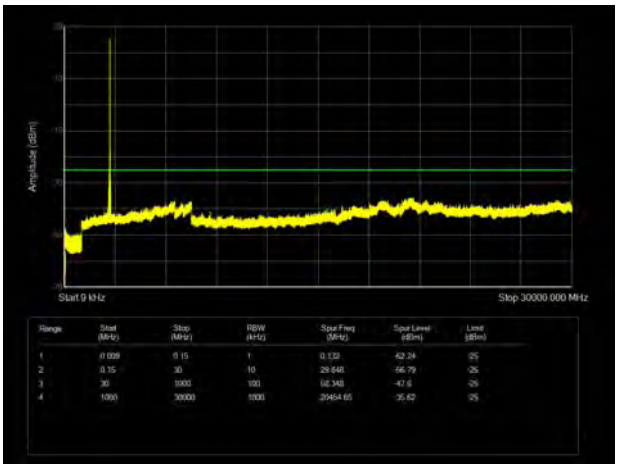
LTE Band 41 10MHz CH- Middle 9kHz~30GHz



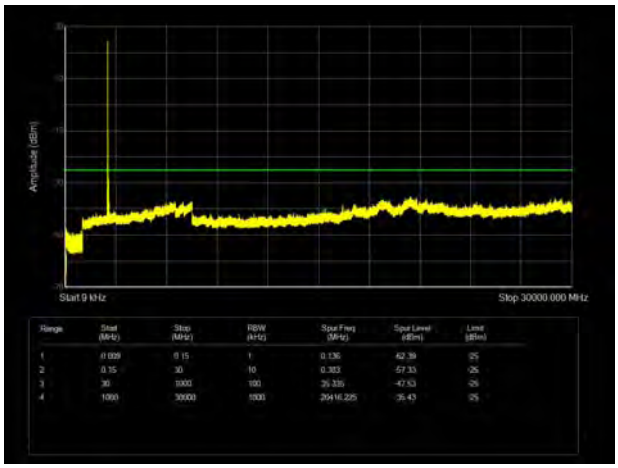
LTE Band 41 5MHz CH- High 9kHz~30GHz



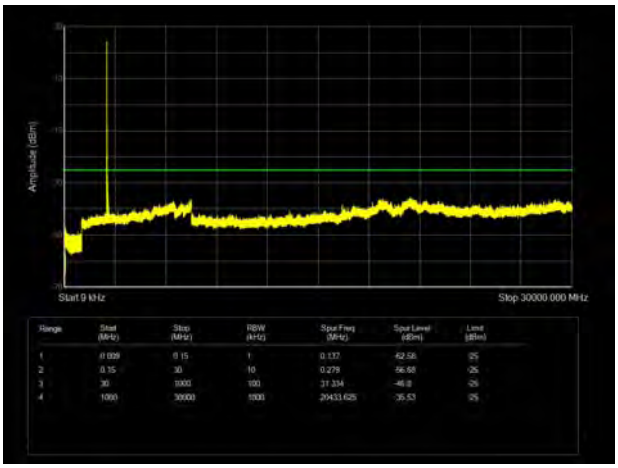
LTE Band 41 10MHz CH-High 9kHz~30GHz



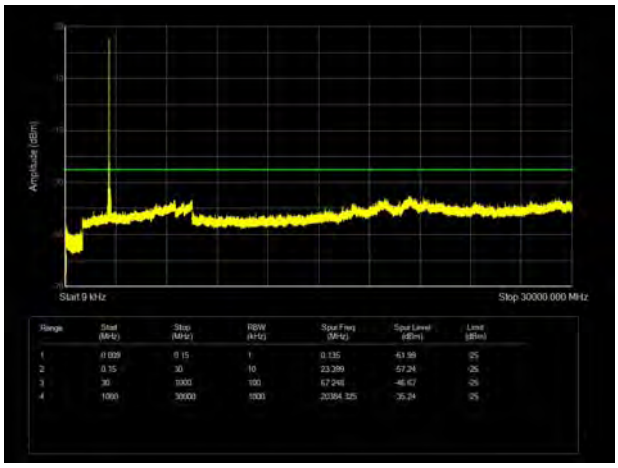
LTE Band 41 15MHz CH- Low 9kHz~30GHz



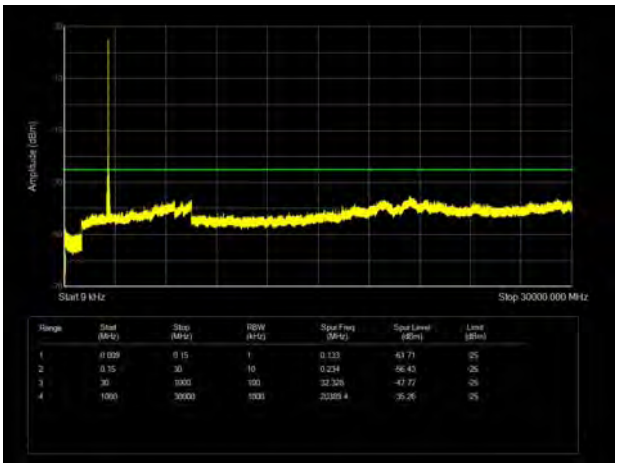
LTE Band 41 20MHz CH-Low 9kHz~30GHz



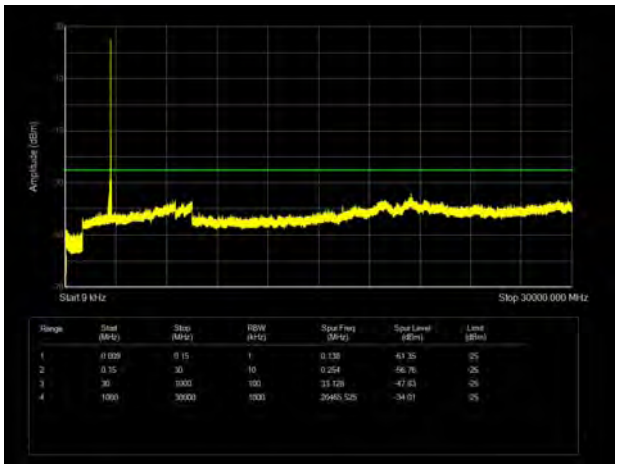
LTE Band 41 15MHz CH- Middle 9kHz~30GHz



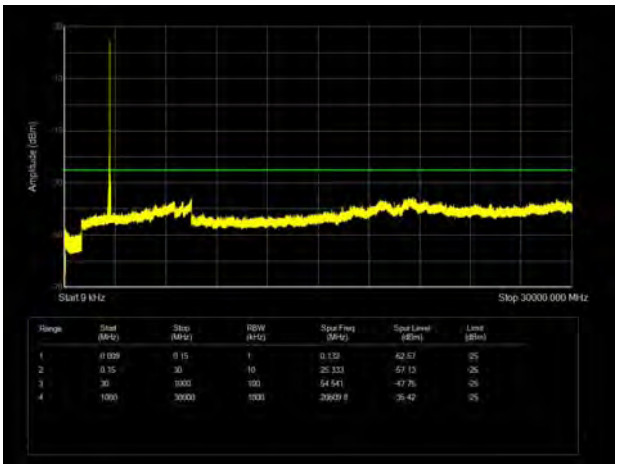
LTE Band 41 20MHz CH- Middle 9kHz~30GHz



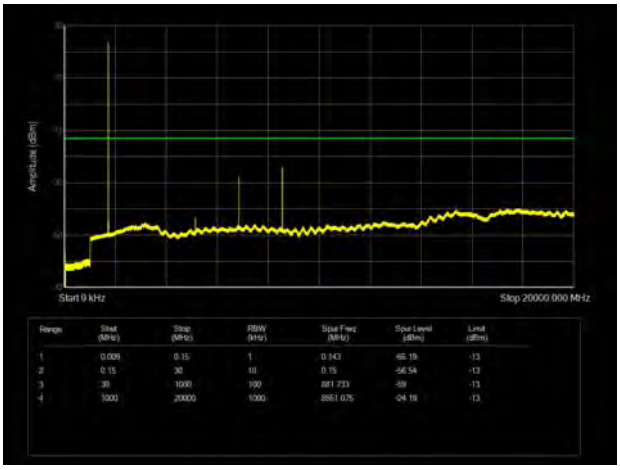
LTE Band 41 15MHz CH-High 9kHz~30GHz



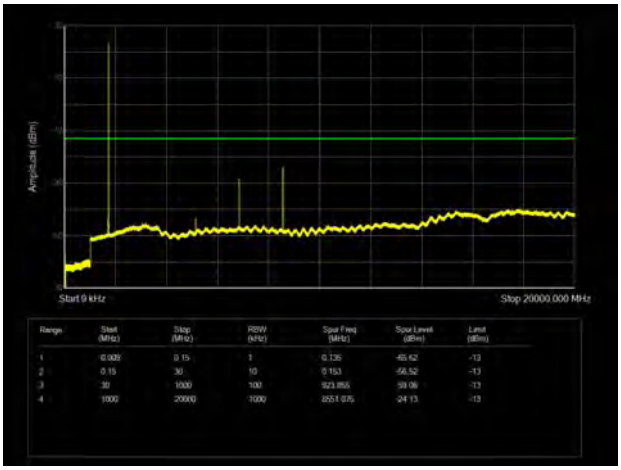
LTE Band 41 20MHz CH- High 9kHz~30GHz



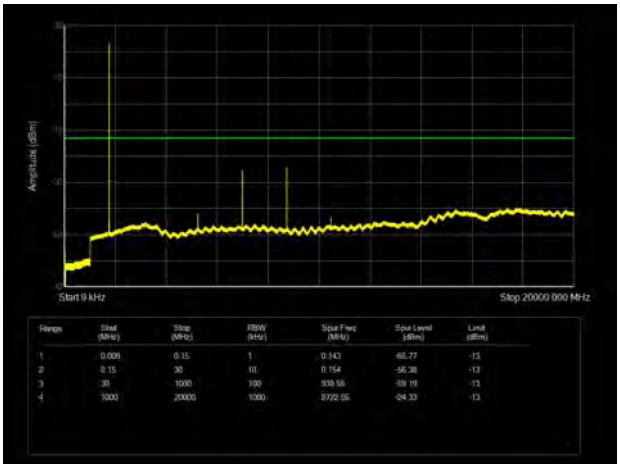
LTE Band 66 1.4MHz CH-Low 9kHz ~20GHz



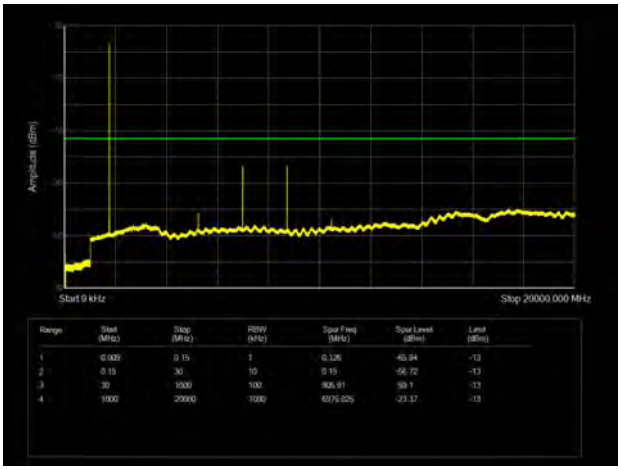
LTE Band 66 3MHz CH-Low 9kHz ~20GHz



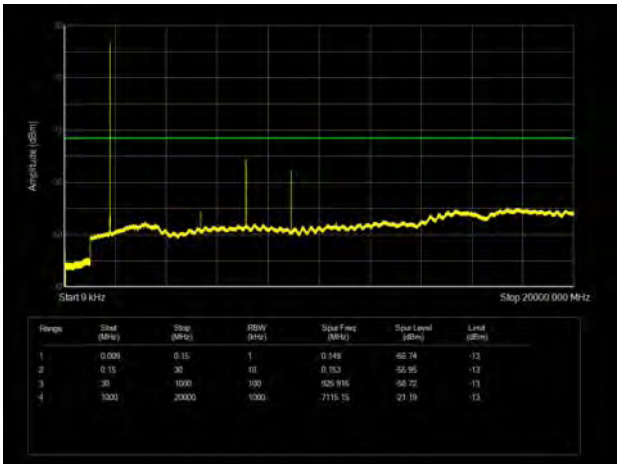
LTE Band 66 1.4MHz CH-Middle 9kHz ~20GHz



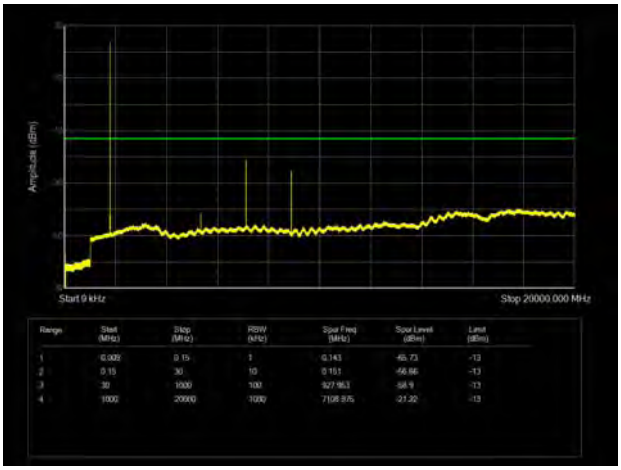
LTE Band 66 3MHz CH-Middle 9kHz ~20GHz



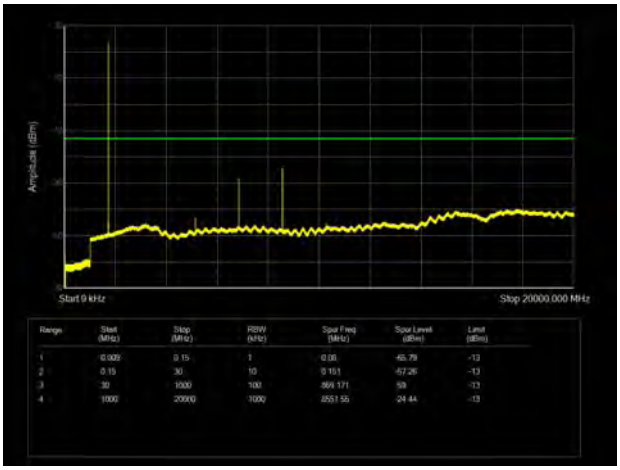
LTE Band 66 1.4MHz CH-High 9kHz ~20GHz



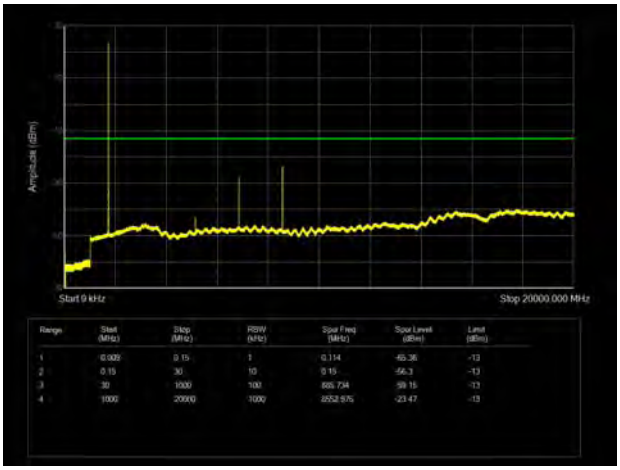
LTE Band 66 3MHz CH-High 9kHz ~20GHz



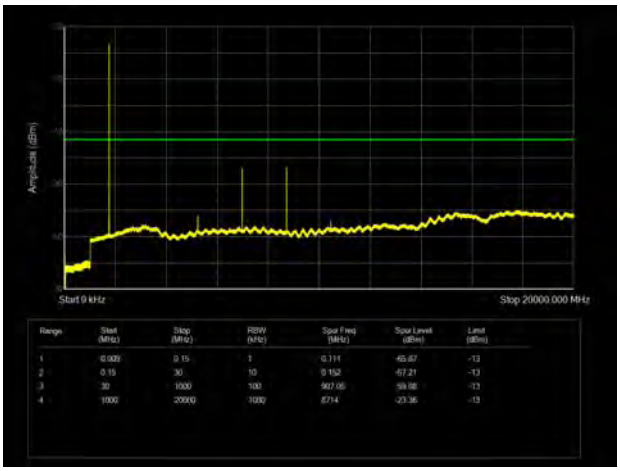
LTE Band 66 5MHz CH-Low 9kHz ~20GHz



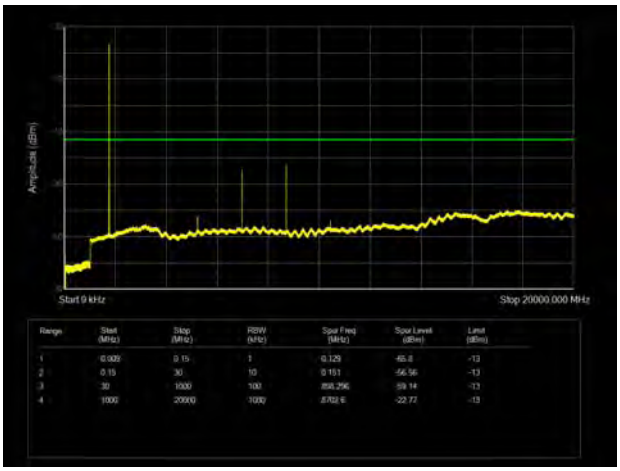
LTE Band 66 10MHz CH-Low 9kHz ~20GHz



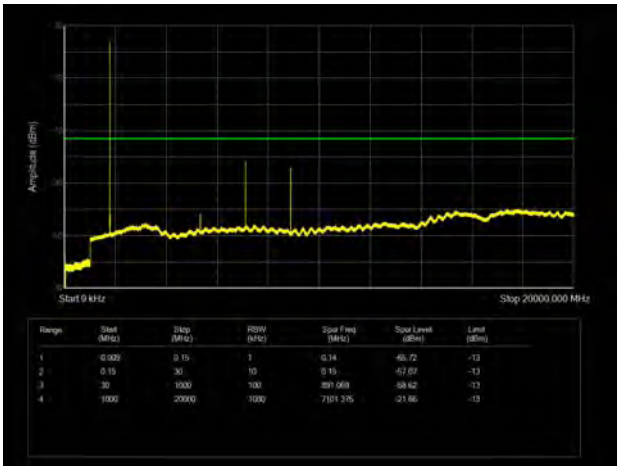
LTE Band 66 5MHz CH-Middle 9kHz ~20GHz



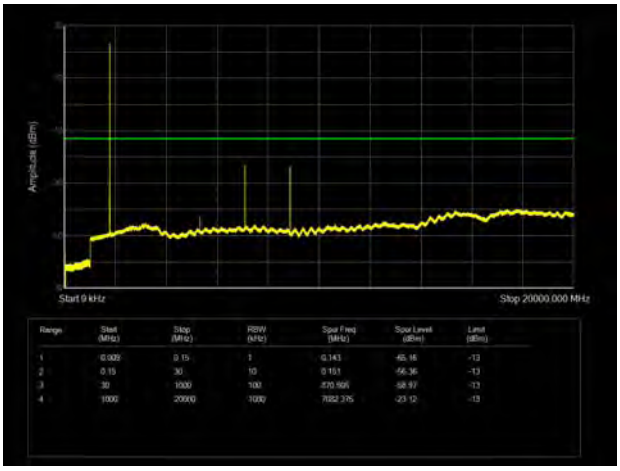
LTE Band 66 10MHz CH-Middle 9kHz ~20GHz



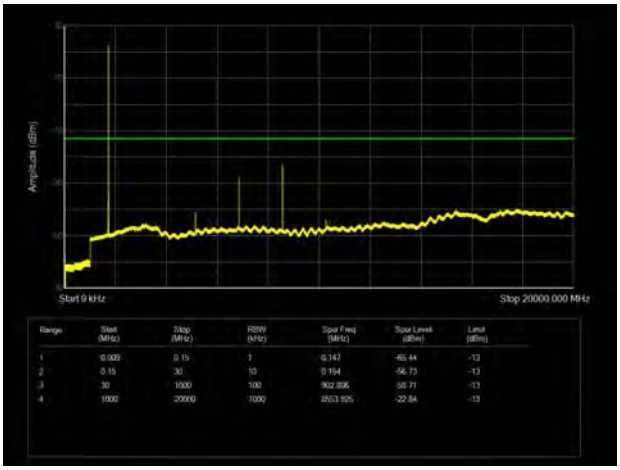
LTE Band 66 5MHz CH-High 9kHz ~20GHz



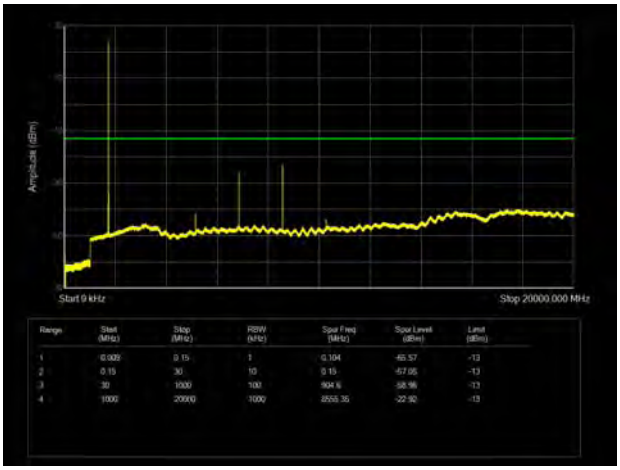
LTE Band 66 10MHz CH-High 9kHz ~20GHz



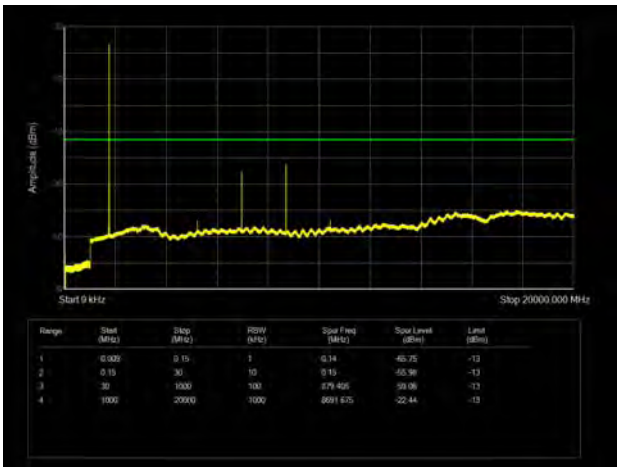
LTE Band 66 15MHz CH-Low 9kHz ~20GHz



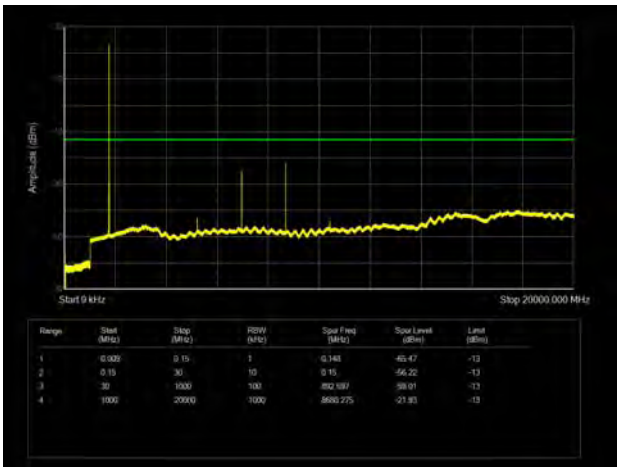
LTE Band 66 20MHz CH-Low 9kHz ~20GHz



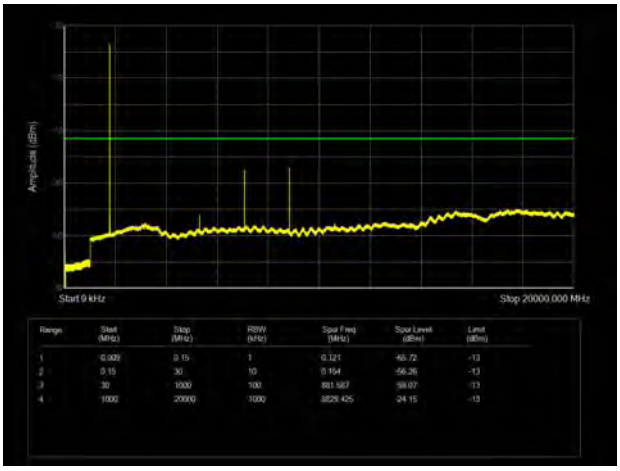
LTE Band 66 15MHz CH-Middle 9kHz ~20GHz



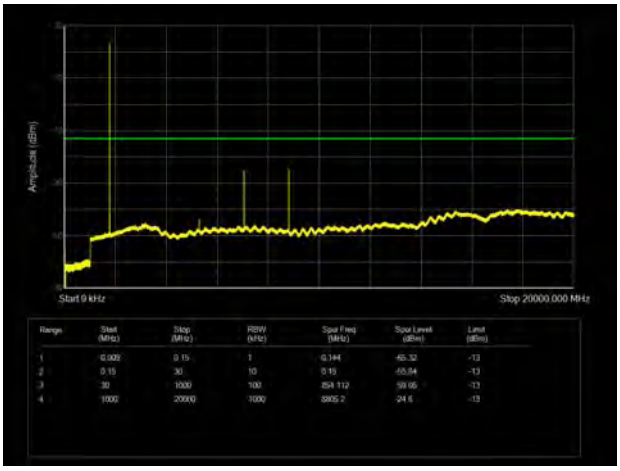
LTE Band 66 20MHz CH-Middle 9kHz ~20GHz



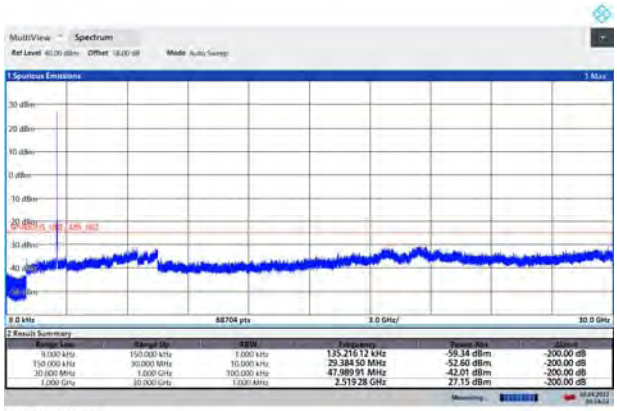
LTE Band 66 15MHz CH-High 9kHz ~20GHz



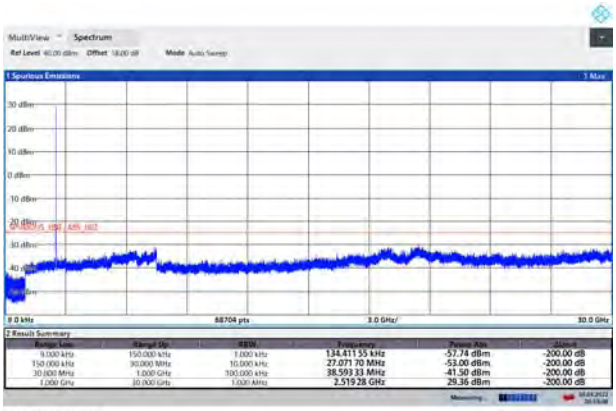
LTE Band 66 20MHz CH-High 9kHz ~20GHz



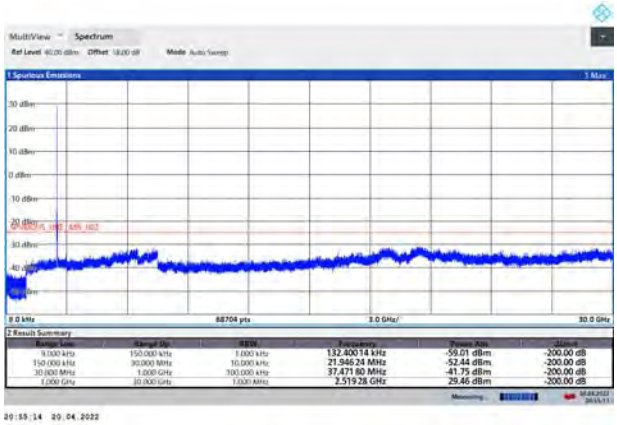
CA_7C QPSK 20MHz+10MHz CH- Low
9kHz~30GHz



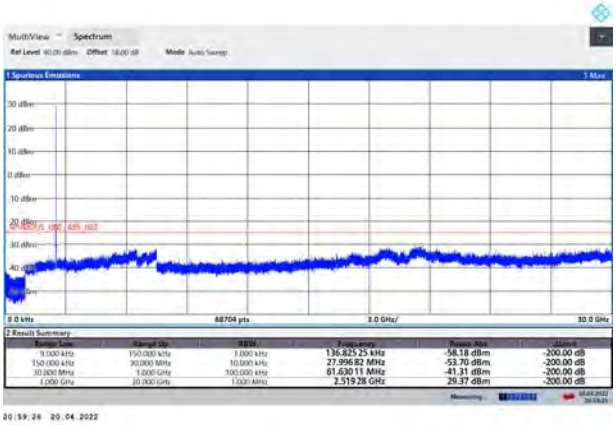
CA_7C QPSK 20MHz+20MHz CH- Low
9kHz~30GHz



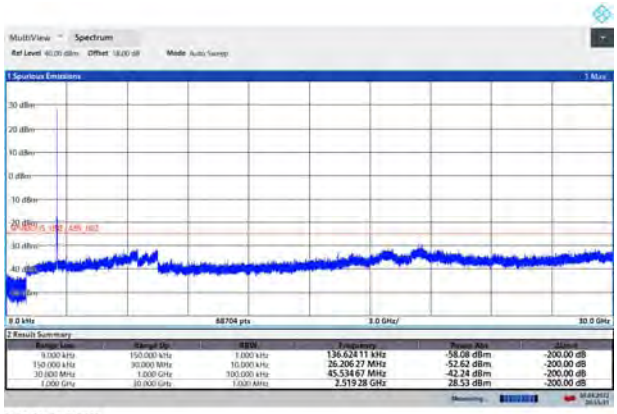
CA_7C 16QAM 20MHz+10MHz CH- Low
9kHz~30GHz



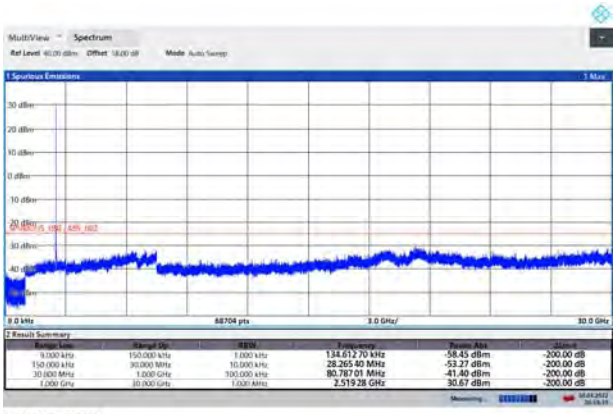
CA_7C 16QAM 20MHz+20MHz CH- Low
9kHz~30GHz



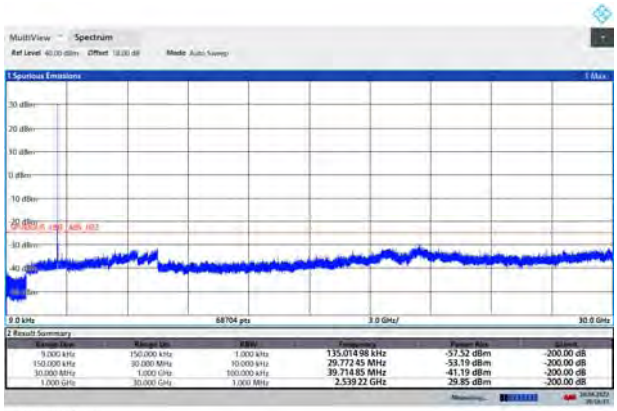
CA_7C 64QAM 20MHz+10MHz CH- Low
9kHz~30GHz



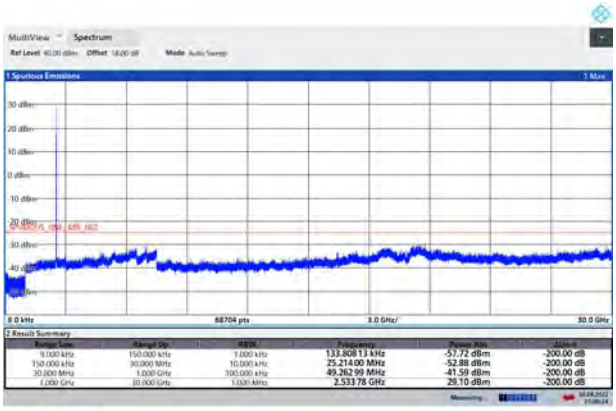
CA_7C 64QAM 20MHz+20MHz CH- Low
9kHz~30GHz



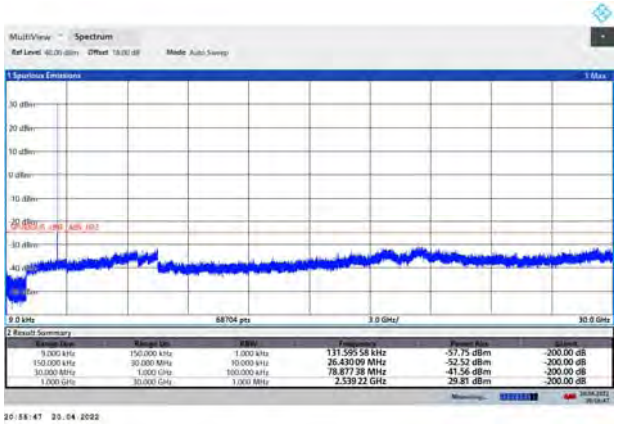
CA_7C QPSK 20MHz+10MHz CH- Middle
9kHz~30GHz



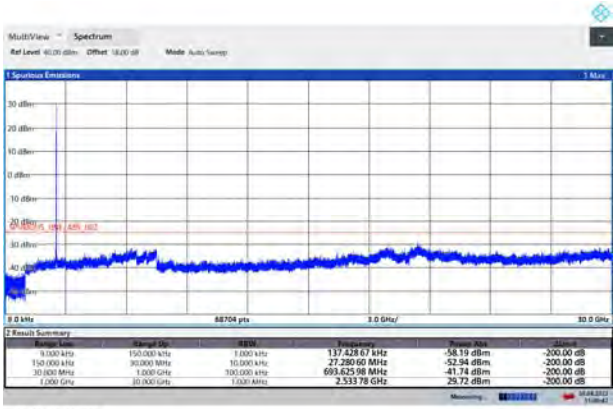
CA_7C QPSK 20MHz+20MHz CH- Middle
9kHz~30GHz



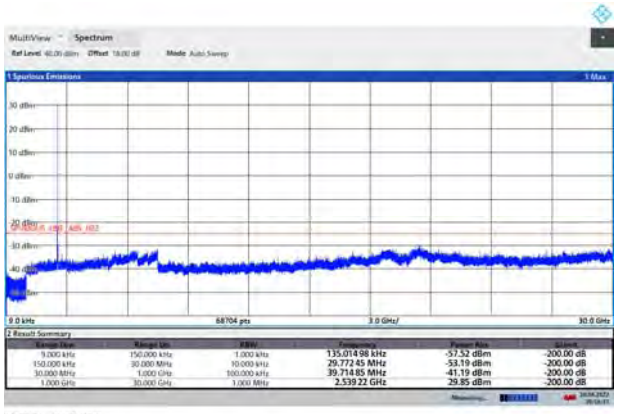
CA_7C 16QAM 20MHz+10MHz CH- Middle
9kHz~30GHz



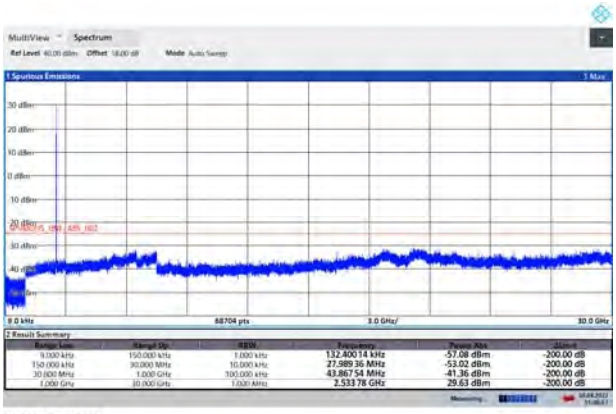
CA_7C 16QAM 20MHz+20MHz CH- Middle
9kHz~30GHz



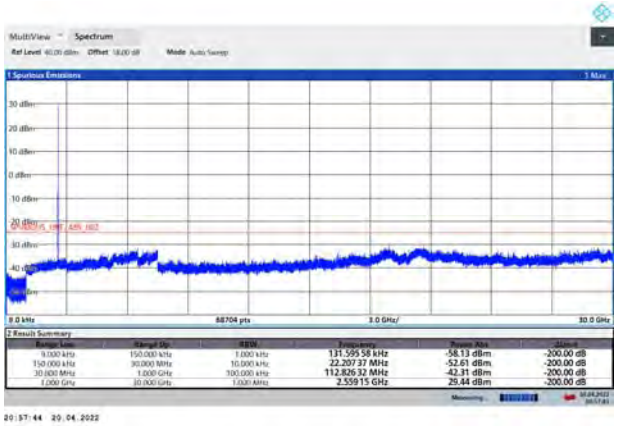
CA_7C 64QAM 20MHz+10MHz CH- Middle
9kHz~30GHz



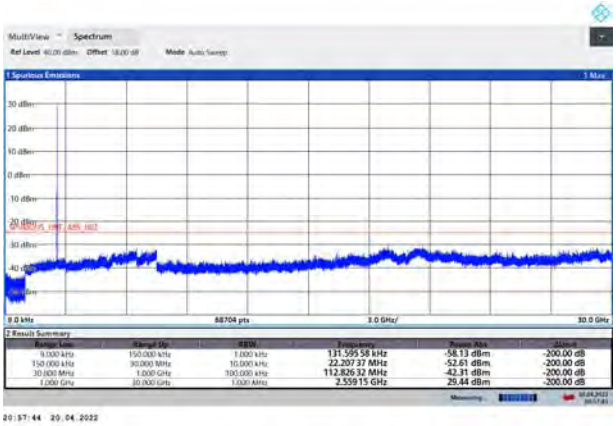
CA_7C 64QAM 20MHz+20MHz CH- Middle
9kHz~30GHz



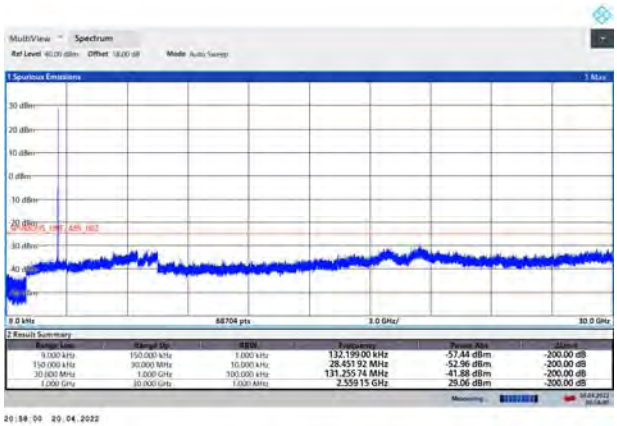
CA_7C QPSK 20MHz+10MHz CH- High
9kHz~30GHz



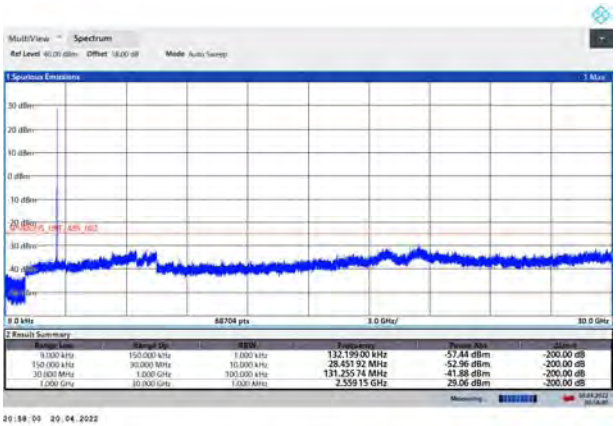
CA_7C QPSK 20MHz+20MHz CH- High
9kHz~30GHz



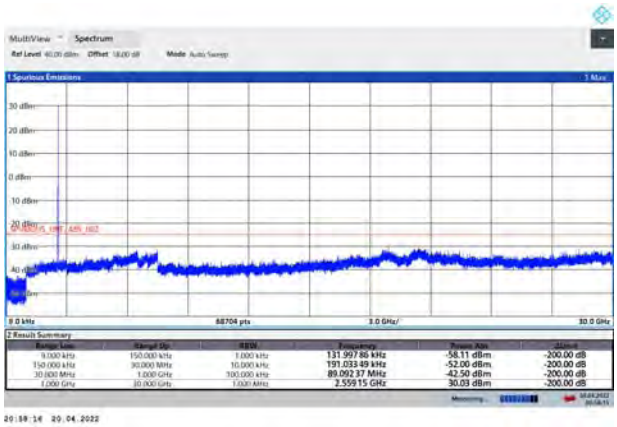
CA_7C 16QAM 20MHz+5MHz CH- High
9kHz~30GHz



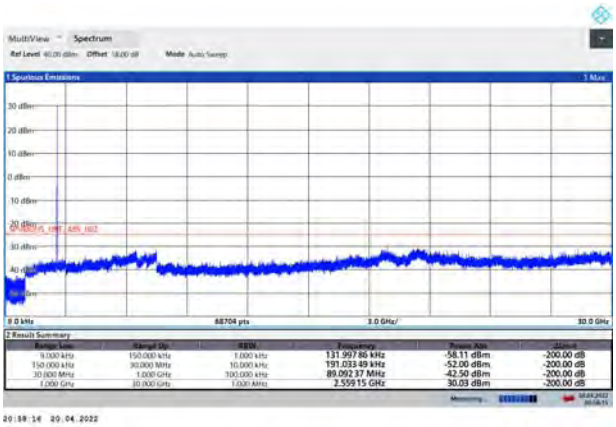
CA_7C 16QAM 20MHz+20MHz CH- High
9kHz~30GHz



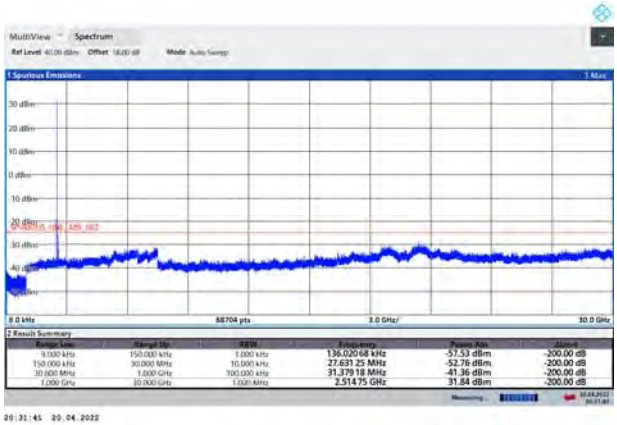
CA_7C 64QAM 20MHz+5MHz CH- High
9kHz~30GHz



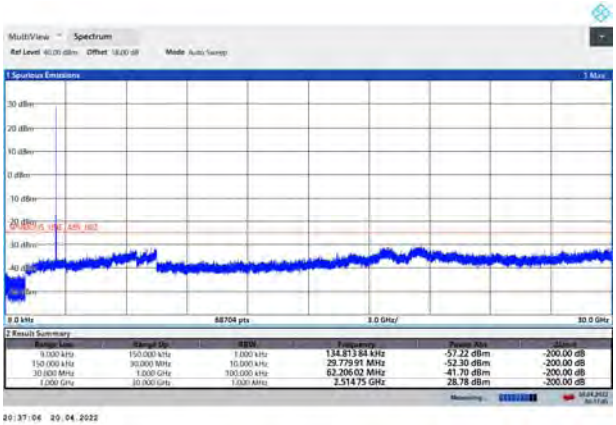
CA_7C 64QAM 20MHz+20MHz CH- High
9kHz~30GHz



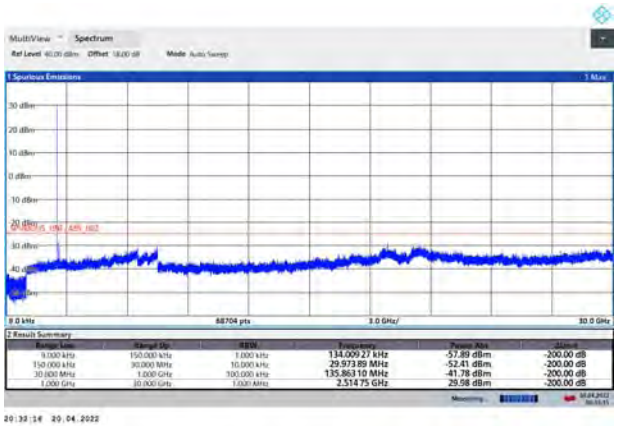
CA_41C QPSK 20MHz+5MHz CH- Low
9kHz~30GHz



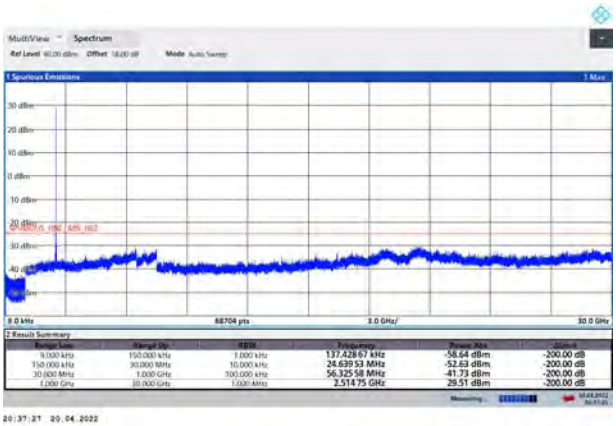
CA_41C QPSK 20MHz+20MHz CH- Low
9kHz~30GHz



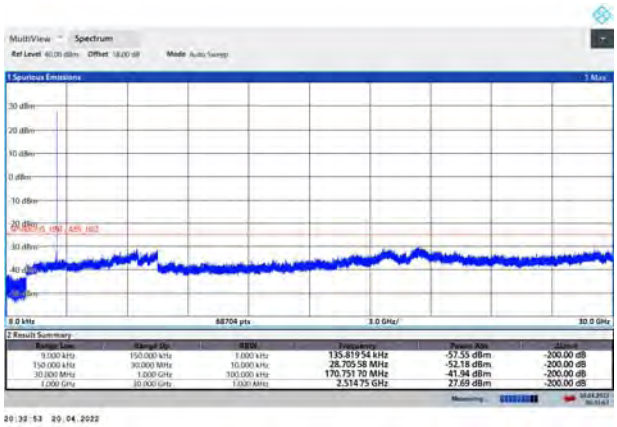
CA_41C 16QAM 20MHz+5MHz CH- Low
9kHz~30GHz



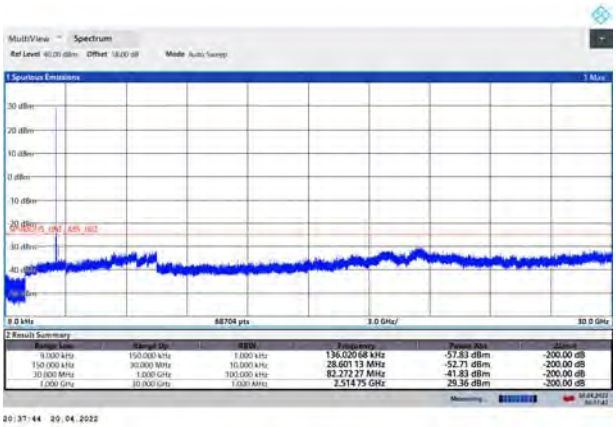
CA_41C 16QAM 20MHz+20MHz CH- Low
9kHz~30GHz



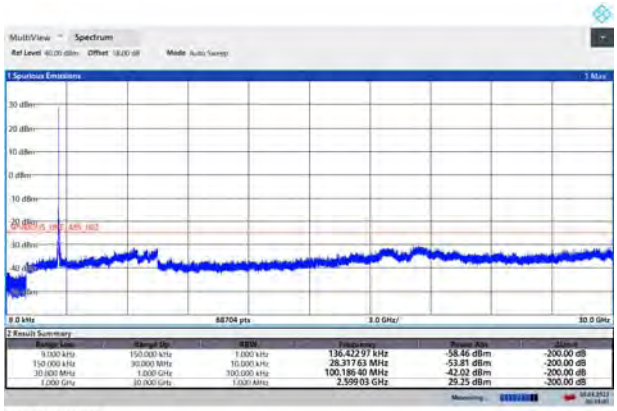
CA_41C 64QAM 20MHz+5MHz CH- Low
9kHz~30GHz



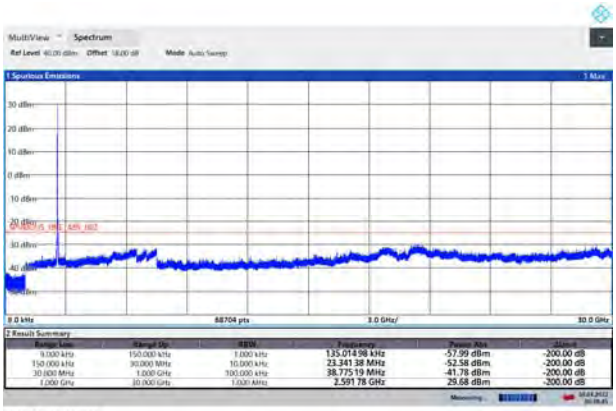
CA_41C 64QAM 20MHz+20MHz CH- Low
9kHz~30GHz



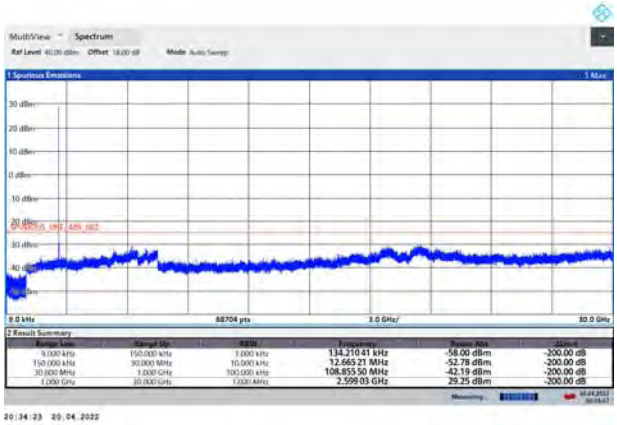
CA_41C QPSK 20MHz+5MHz CH- Middle
9kHz~30GHz



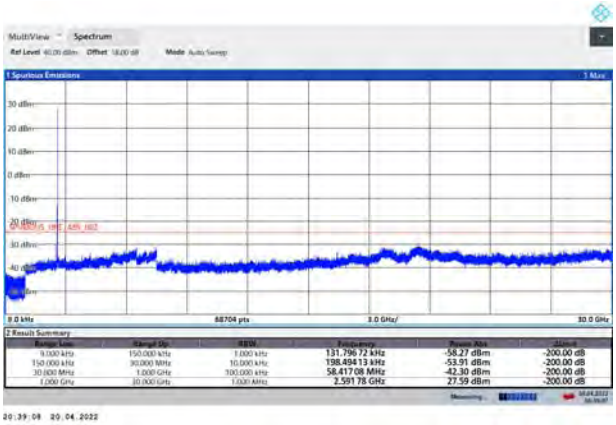
CA_41C QPSK 20MHz+20MHz CH- Middle
9kHz~30GHz



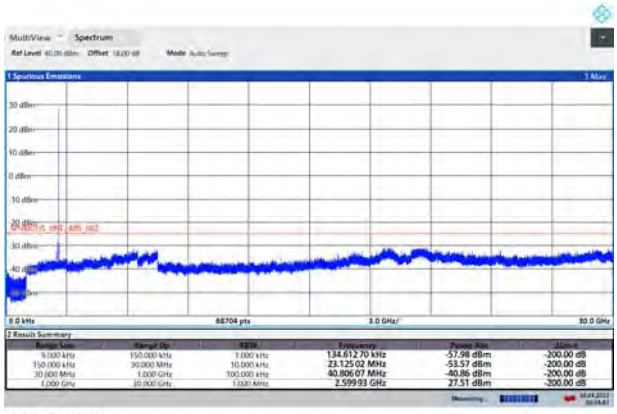
CA_41C 16QAM 20MHz+5MHz CH- Middle
9kHz~30GHz



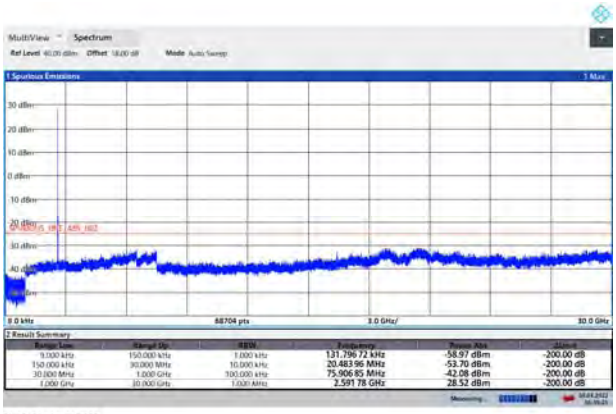
CA_41C 16QAM 20MHz+20MHz CH- Middle
9kHz~30GHz



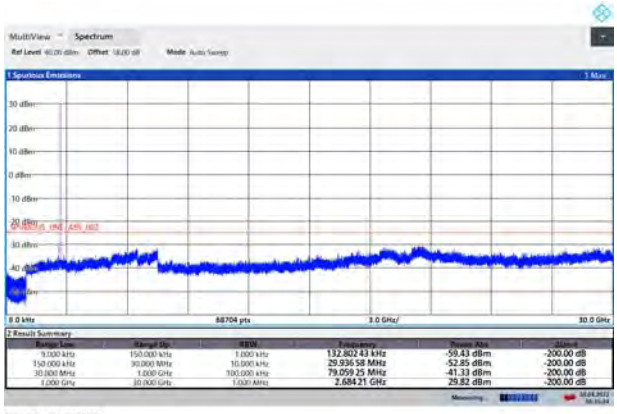
CA_41C 64QAM 20MHz+5MHz CH- Middle
9kHz~30GHz



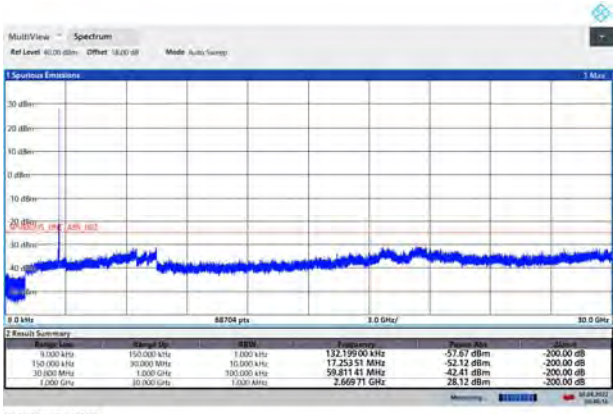
CA_41C 64QAM 20MHz+20MHz CH- Middle
9kHz~30GHz



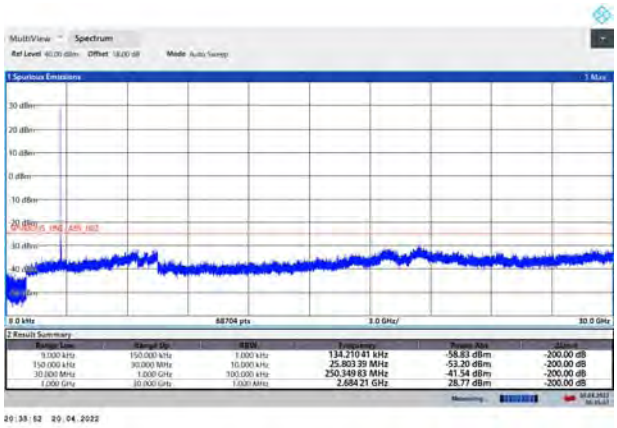
CA_41C QPSK 20MHz+5MHz CH- High
9kHz~30GHz



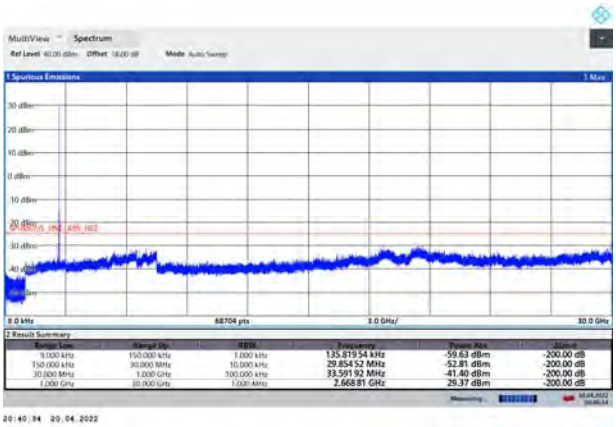
CA_41C QPSK 20MHz+20MHz CH- High
9kHz~30GHz



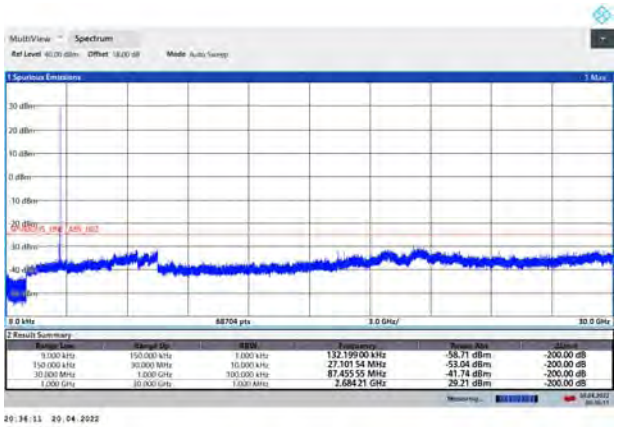
CA_41C 16QAM 20MHz+5MHz CH- High
9kHz~30GHz



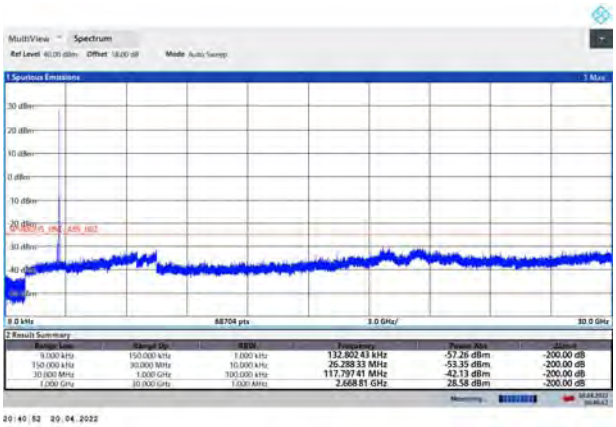
CA_41C 16QAM 20MHz+20MHz CH- High
9kHz~30GHz



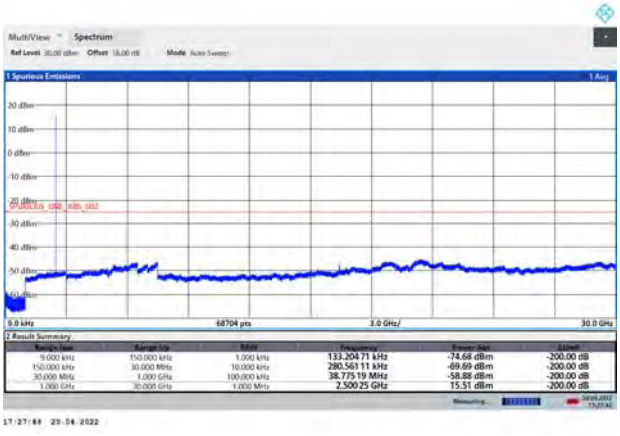
CA_41C 64QAM 20MHz+5MHz CH- High
9kHz~30GHz



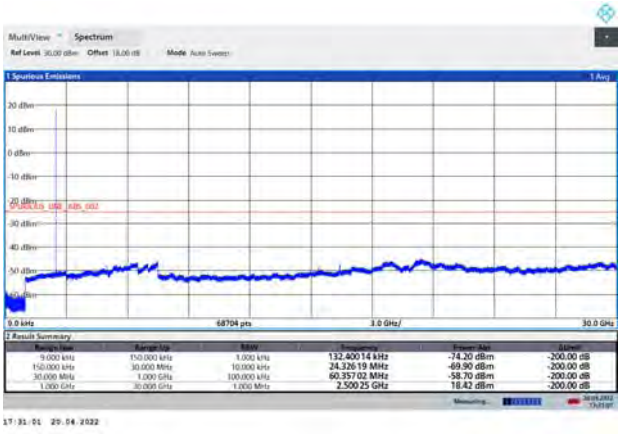
CA_41C 64QAM 20MHz+20MHz CH- High
9kHz~30GHz



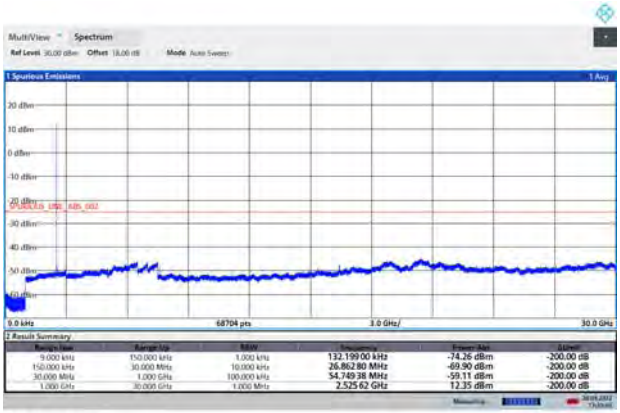
NR n7 P1/2 BPSK 30MHz CH-Low 9kHz~30GHz



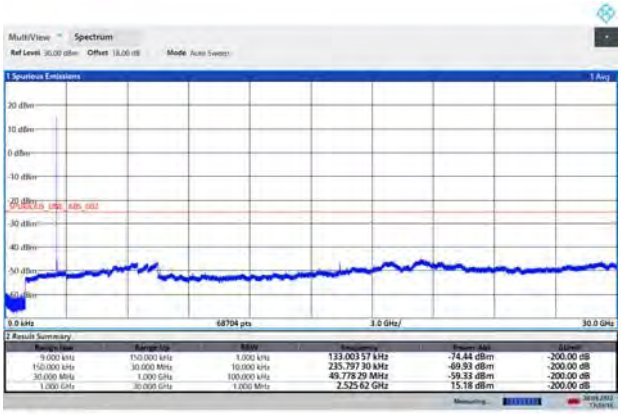
NR n7 QPSK 30MHz CH-Low 9kHz~30GHz



NR n7 P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz



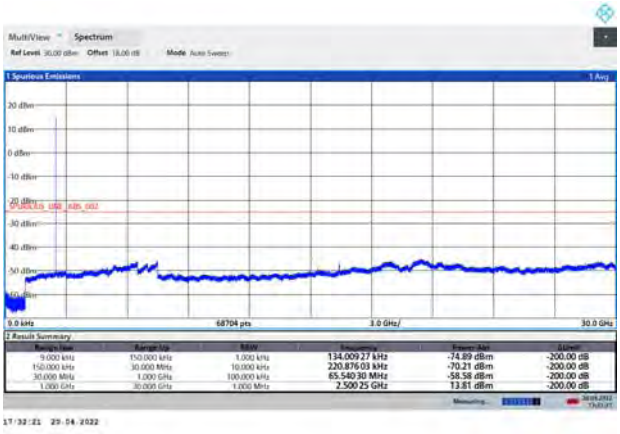
NR n7 QPSK 30MHz CH-Middle 9kHz~30GHz



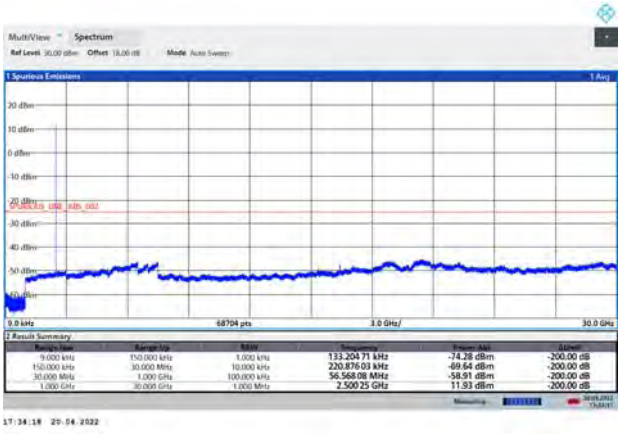
NR n7 P1/2 BPSK 30MHz CH-High 9kHz~30GHz

NR n7 QPSK 30MHz CH-High 9kHz~30GHz

NR n7 16QAM 30MHz CH-Low 9kHz~30GHz

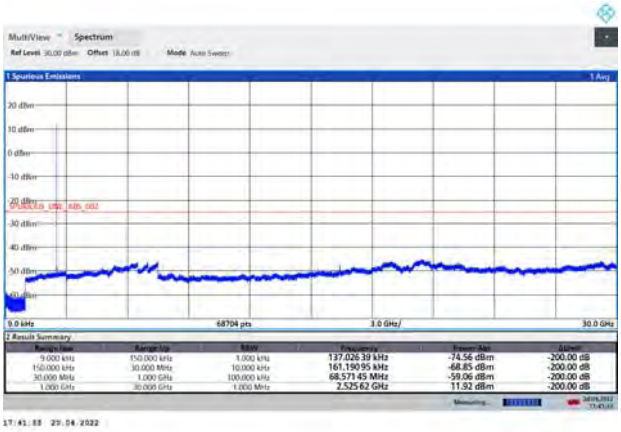


NR n7 64QAM 30MHz CH-Low 9kHz~30GHz

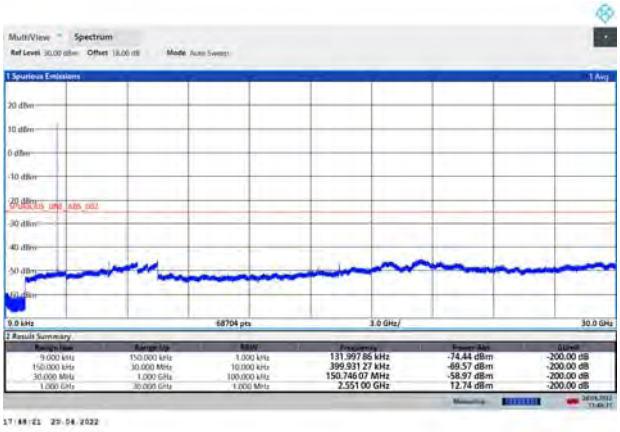


NR n7 16QAM 30MHz CH-Middle 9kHz~30GHz

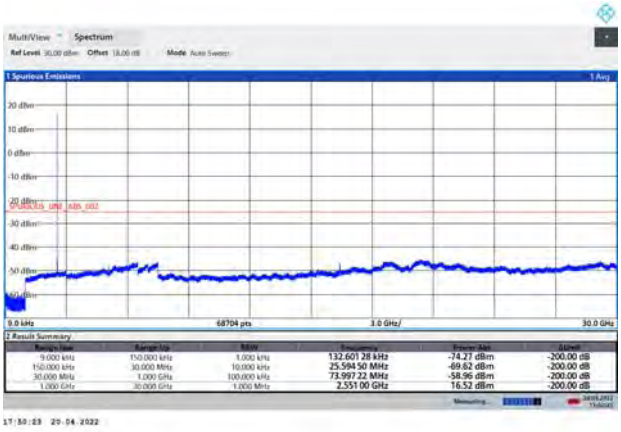
NR n7 64QAM 30MHz CH-Middle 9kHz~30GHz



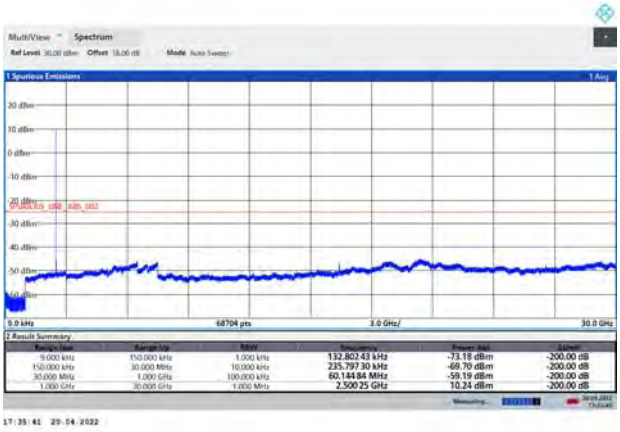
NR n7 16QAM 30MHz CH-High 9kHz~30GHz



NR n7 64QAM 30MHz CH-High 9kHz~30GHz



NR n7 256QAM 30MHz CH-Low 9kHz~30GHz



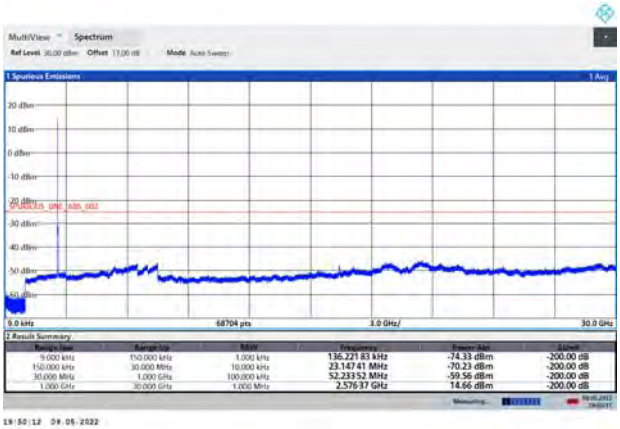
NR n7 256QAM 30MHz CH-Middle 9kHz~30GHz

NR n7 256QAM 30MHz CH-High 9kHz~30GHz

NR n38 P1/2 BPSK 30MHz CH-Low 9kHz~30GHz

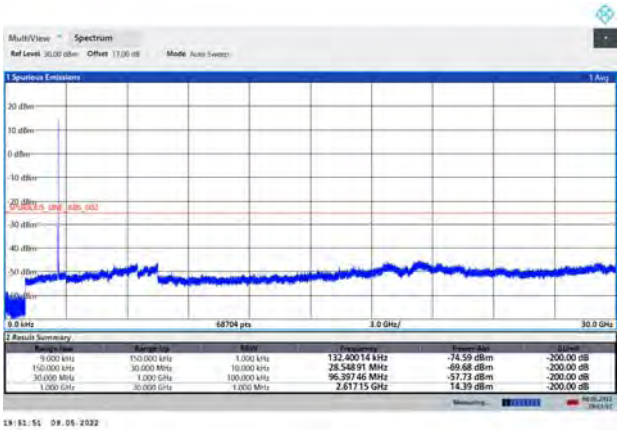
NR n38 QPSK 30MHz CH-Low 9kHz~30GHz

NR n38 P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz

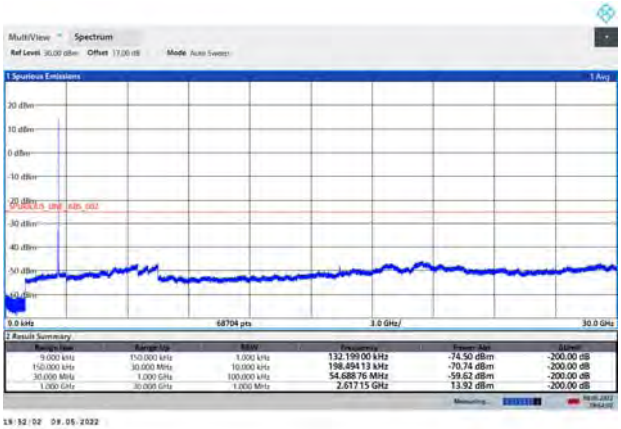


NR n38 QPSK 30MHz CH-Middle 9kHz~30GHz

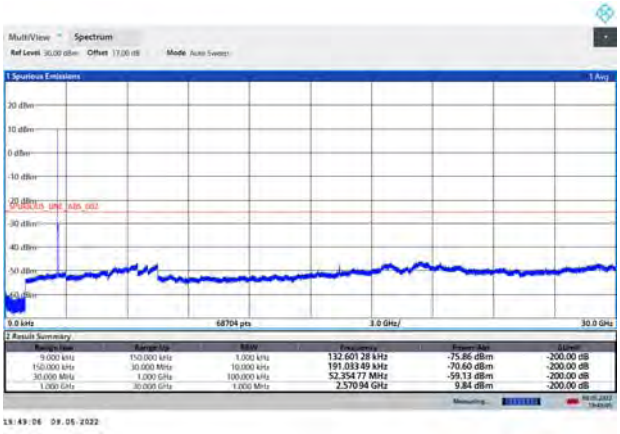
NR n38 P1/2 BPSK 30MHz CH-High 9kHz~30GHz



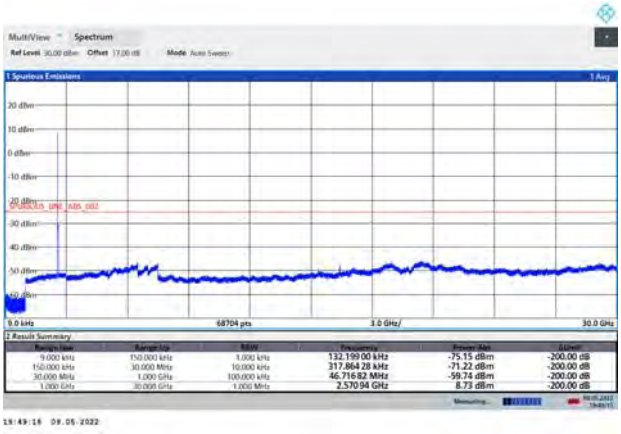
NR n38 QPSK 30MHz CH-High 9kHz~30GHz



NR n38 16QAM 30MHz CH-Low 9kHz~30GHz

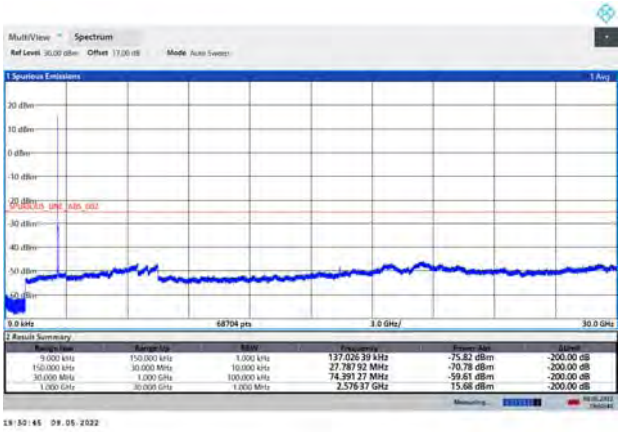


NR n38 64QAM 30MHz CH-Low 9kHz~30GHz



NR n38 16QAM 30MHz CH-Middle 9kHz~30GHz

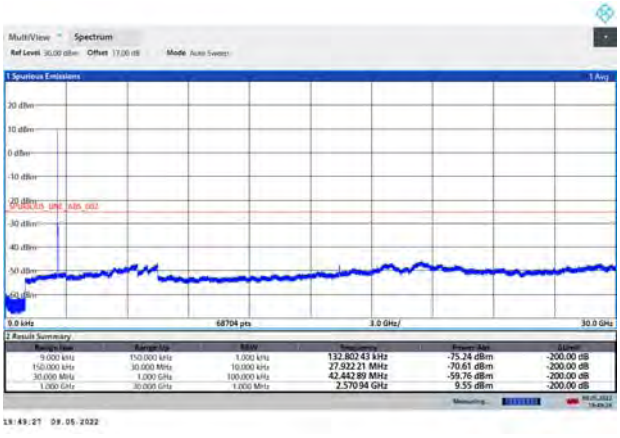
NR n38 64QAM 30MHz CH-Middle 9kHz~30GHz



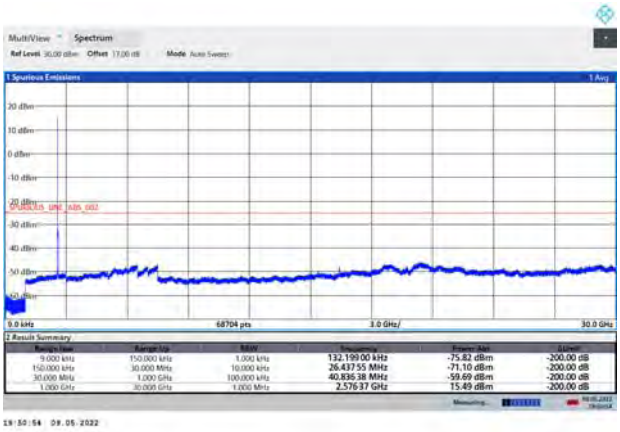
NR n38 16QAM 30MHz CH-High 9kHz~30GHz

NR n38 64QAM 30MHz CH-High 9kHz~30GHz

NR n38 256QAM 30MHz CH-Low 9kHz~30GHz



NR n38 256QAM 30MHz CH-Middle 9kHz~30GHz

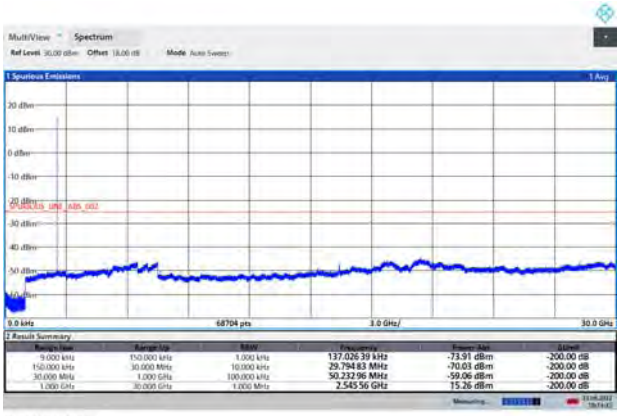


NR n38 256QAM 30MHz CH-High 9kHz~30GHz

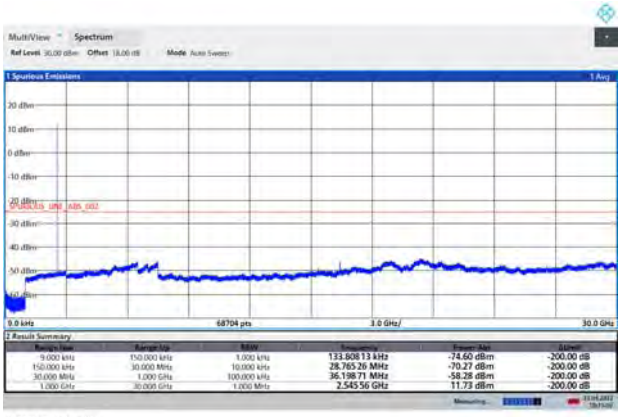
NR n41 P1/2 BPSK 30MHz CH-Low 9kHz~30GHz

NR n41 QPSK 30MHz CH-Low 9kHz~30GHz

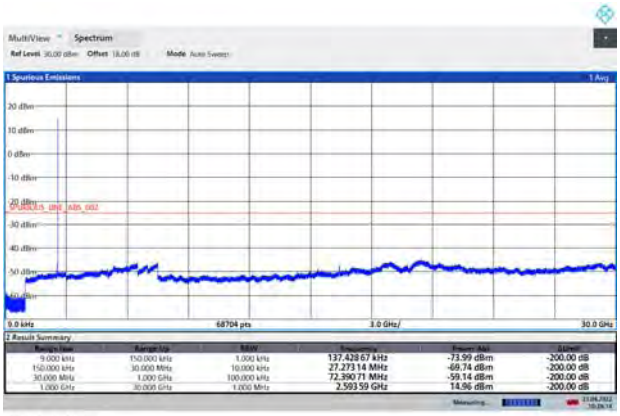
NR n41 P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz



NR n41 QPSK 30MHz CH-Middle 9kHz~30GHz

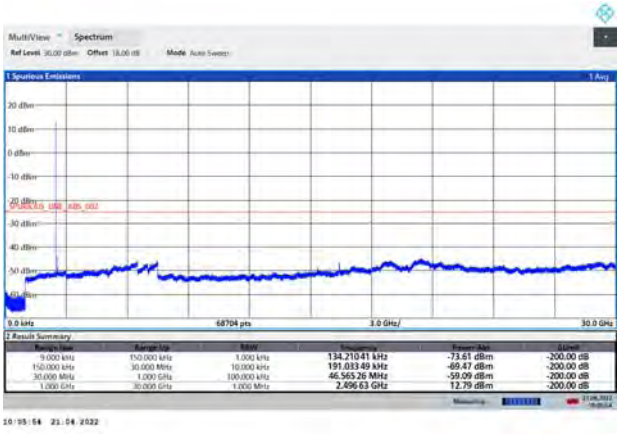


NR n41 P1/2 BPSK 30MHz CH-High 9kHz~30GHz

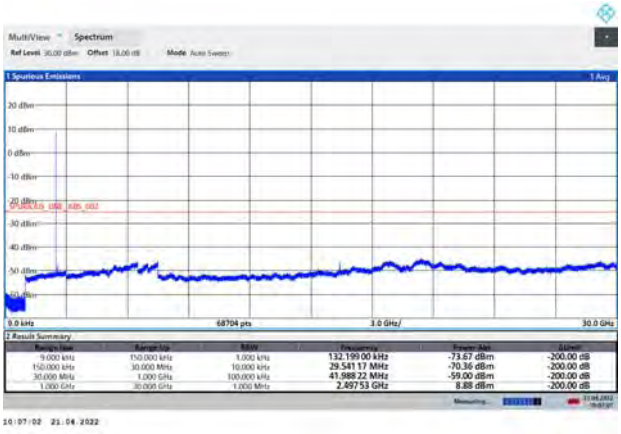


NR n41 QPSK 30MHz CH-High 9kHz~30GHz

NR n41 16QAM 30MHz CH-Low 9kHz~30GHz



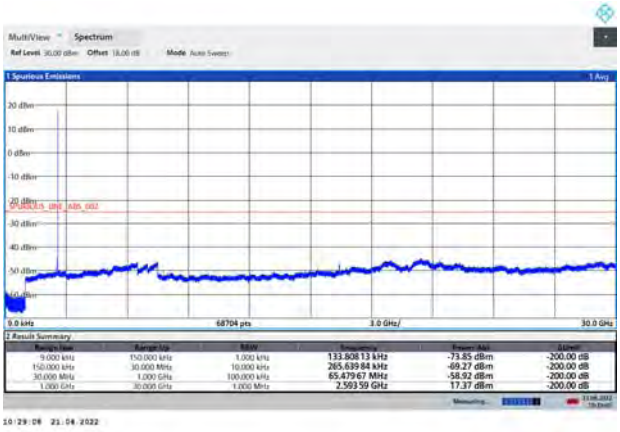
NR n41 64QAM 30MHz CH-Low 9kHz~30GHz



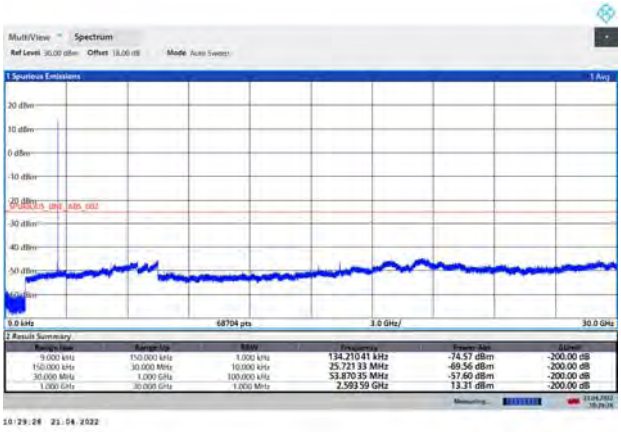
NR n41 16QAM 30MHz CH-Middle 9kHz~30GHz

NR n41 64QAM 30MHz CH-Middle 9kHz~30GHz

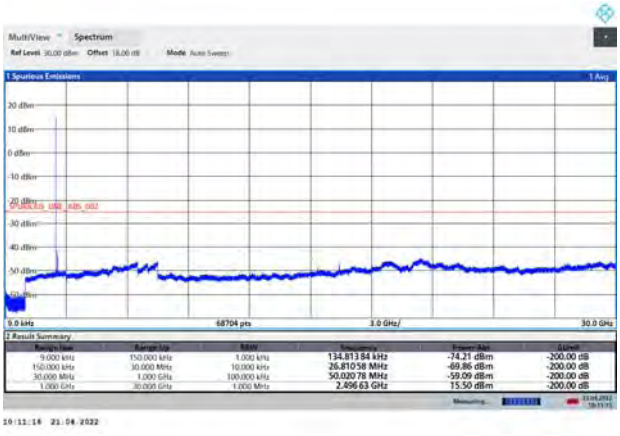
NR n41 16QAM 30MHz CH-High 9kHz~30GHz



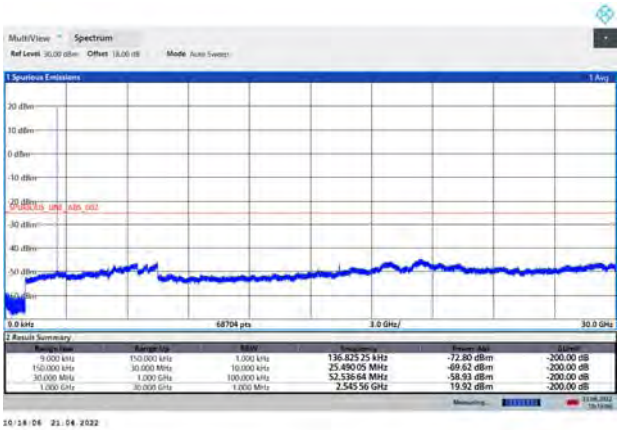
NR n41 64QAM 30MHz CH-High 9kHz~30GHz



NR n41 256QAM 30MHz CH-Low 9kHz~30GHz



NR n41 256QAM 30MHz CH-Middle 9kHz~30GHz

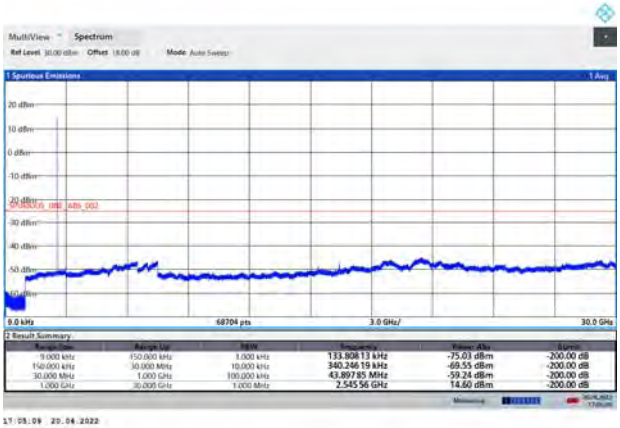


NR n41 256QAM 30MHz CH-High 9kHz~30GHz

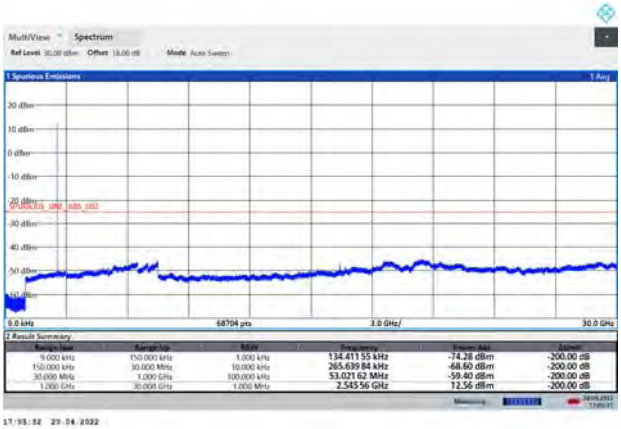
DC_28A(subset 2)-n41A P1/2 BPSK 30MHz CH-Low 9kHz~30GHz

DC_28A(subset 2)-n41A QPSK 30MHz CH-Low 9kHz~30GHz

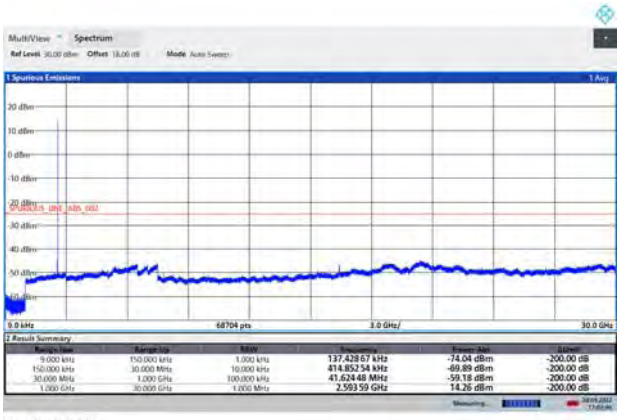
DC_28A(subset 2)-n41A P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz



DC_28A(subset 2)-n41A QPSK 30MHz CH-Middle 9kHz~30GHz



DC_28A(subset 2)-n41A P1/2 BPSK 30MHz CH-High 9kHz~30GHz



DC_28A(subset 2)-n41A QPSK 30MHz CH-High 9kHz~30GHz

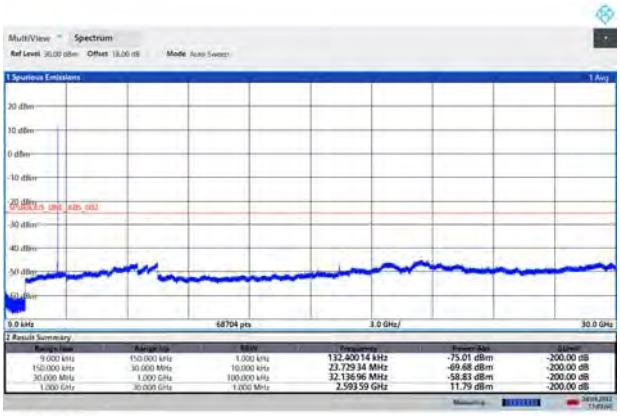
DC_28A(subset 2)-n41A 16QAM 30MHz CH-Low 9kHz~30GHz

DC_28A(subset 2)-n41A 64QAM 30MHz CH-Low 9kHz~30GHz

DC_28A(subset 2)-n41A 16QAM 30MHz CH-Middle 9kHz~30GHz

DC_28A(subset 2)-n41A 64QAM 30MHz CH-Middle 9kHz~30GHz

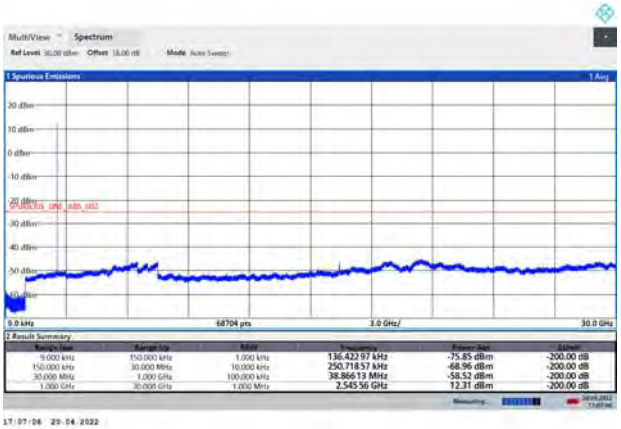
DC_28A(subset 2)-n41A 16QAM 30MHz CH-High 9kHz~30GHz



DC_28A(subset 2)-n41A 64QAM 30MHz CH-High 9kHz~30GHz

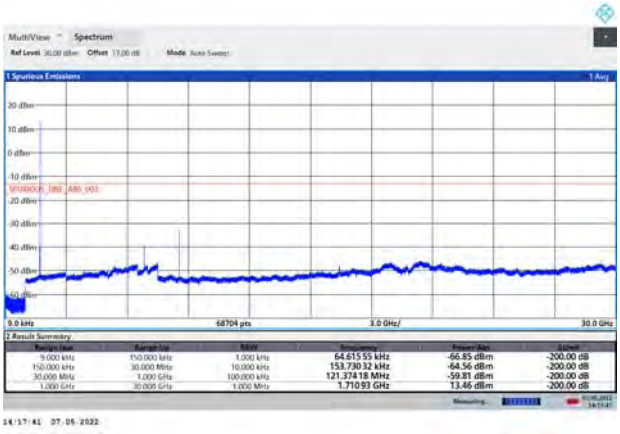
DC_28A(subset 2)-n41A 256QAM 30MHz
CH-Low 9kHz~30GHz

DC_28A(subset 2)-n41A 256QAM 30MHz
CH-Middle 9kHz~30GHz



DC_28A(subset 2)-n41A 256QAM 30MHz
CH-High 9kHz~30GHz

NR n66 P1/2 BPSK 30MHz CH-Low 9kHz~30GHz

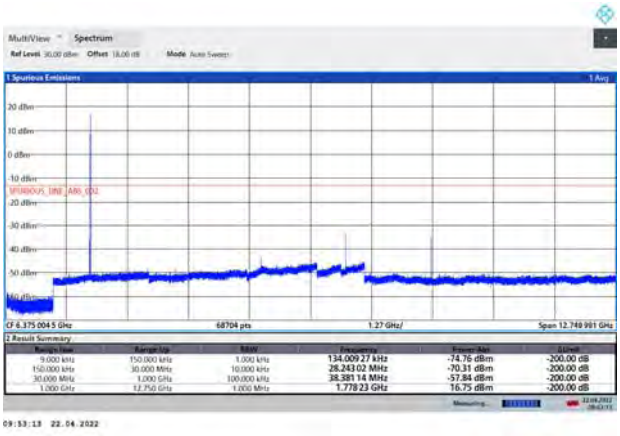


NR n66 QPSK 30MHz CH-Low 9kHz~30GHz

NR n66 P1/2 BPSK 30MHz CH-Middle 9kHz~30GHz

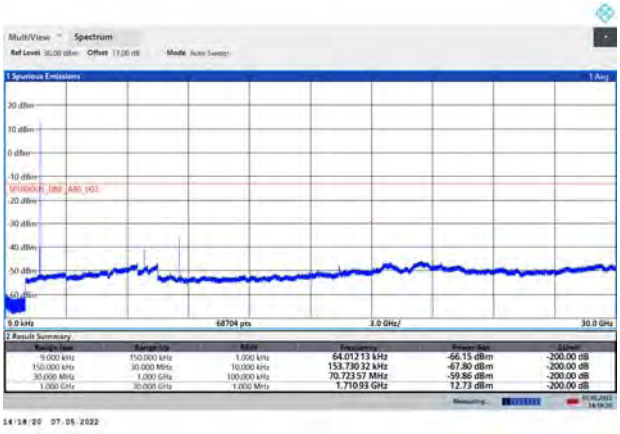
NR n66 QPSK 30MHz CH-Middle 9kHz~30GHz

NR n66 P1/2 BPSK 30MHz CH-High 9kHz~30GHz

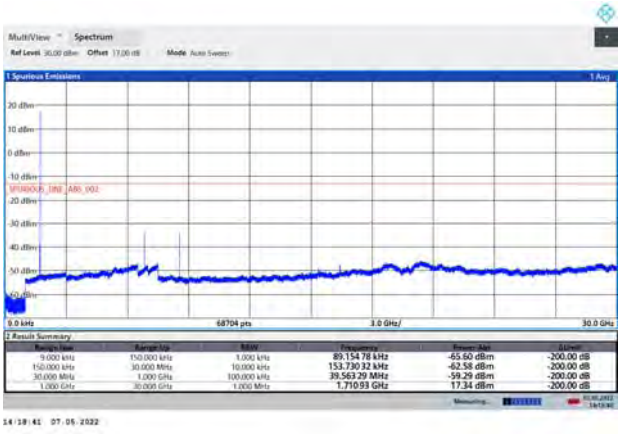


NR n66 QPSK 30MHz CH-High 9kHz~30GHz

NR n66 16QAM 30MHz CH-Low 9kHz~30GHz



NR n66 64QAM 30MHz CH-Low 9kHz~30GHz



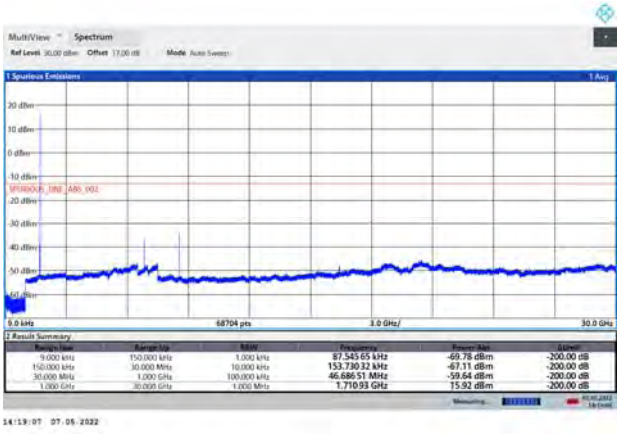
NR n66 16QAM 30MHz CH-Middle 9kHz~30GHz

NR n66 64QAM 30MHz CH-Middle 9kHz~30GHz

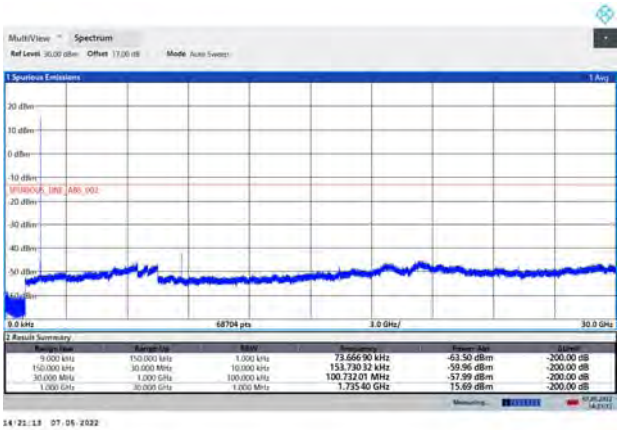
NR n66 16QAM 30MHz CH-High 9kHz~30GHz

NR n66 64QAM 30MHz CH-High 9kHz~30GHz

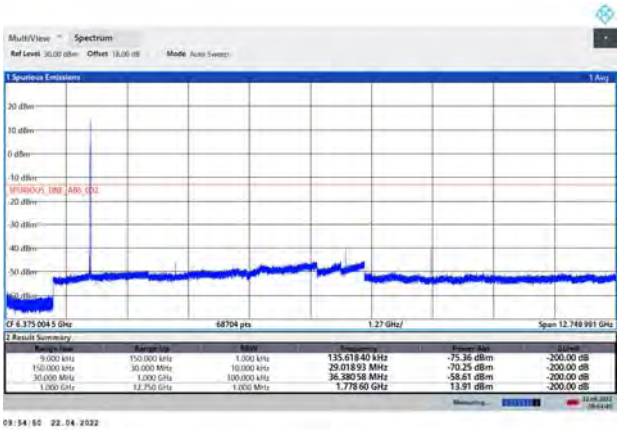
NR n66 256QAM 30MHz CH-Low 9kHz~30GHz



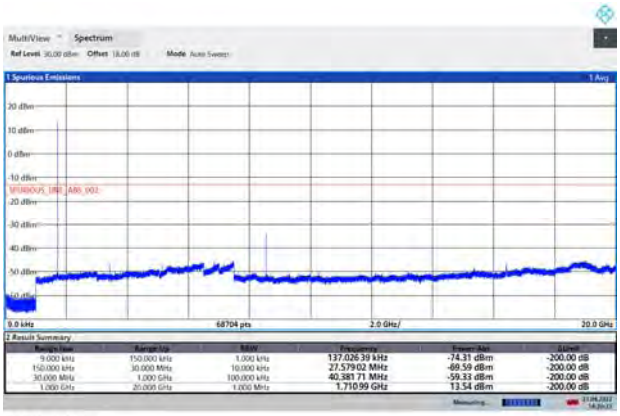
NR n66 256QAM 30MHz CH-Middle 9kHz~30GHz



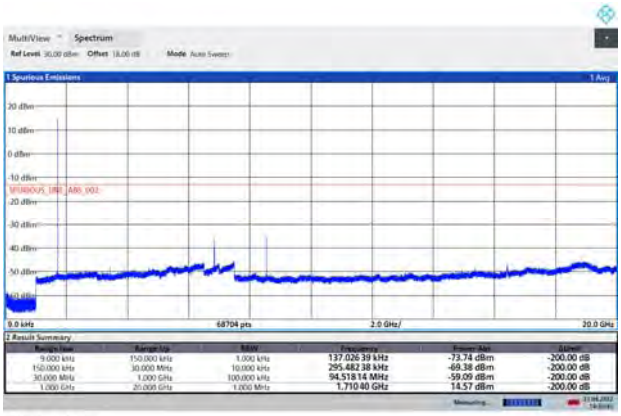
NR n66 256QAM 30MHz CH-High 9kHz~30GHz



DC_5A-n66A P1/2 BPSK 30MHz CH-Low
9kHz~30GHz



DC_5A-n66A QPSK 30MHz CH-Low
9kHz~30GHz



DC_5A-n66A P1/2 BPSK 30MHz CH-Middle
9kHz~30GHz

DC_5A-n66A QPSK 30MHz CH-Middle
9kHz~30GHz

DC_5A-n66A P1/2 BPSK 30MHz CH-High
9kHz~30GHz

DC_5A-n66A QPSK 30MHz CH-High
9kHz~30GHz

DC_5A-n66A 16QAM 30MHz CH-Low
9kHz~30GHz

DC_5A-n66A 64QAM 30MHz CH-Low
9kHz~30GHz

DC_5A-n66A 16QAM 30MHz CH-Middle
9kHz~30GHz

DC_5A-n66A 64QAM 30MHz CH-Middle
9kHz~30GHz

DC_5A-n66A 16QAM 30MHz CH-High
9kHz~30GHz

DC_5A-n66A 64QAM 30MHz CH-High
9kHz~30GHz

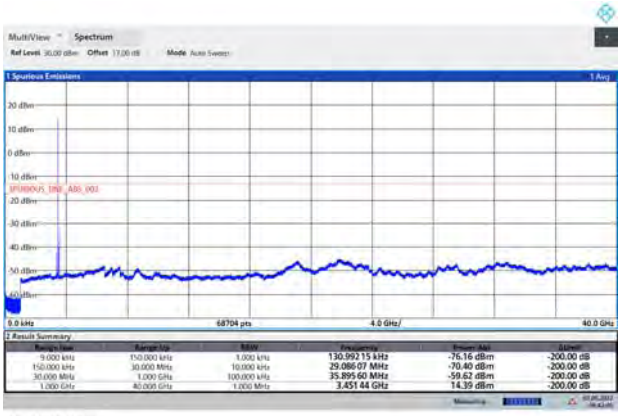
DC_5A-n66A 256QAM 30MHz CH-Low
9kHz~30GHz

DC_5A-n66A 256QAM 30MHz CH-Middle
9kHz~30GHz

DC_5A-n66A 256QAM 30MHz CH-High
9kHz~30GHz

NR n77 subset1 P1/2 BPSK 30MHz CH-Middle
9kHz~40GHz

NR n77 subset1 QPSK 30MHz CH-Middle
9kHz~40GHz

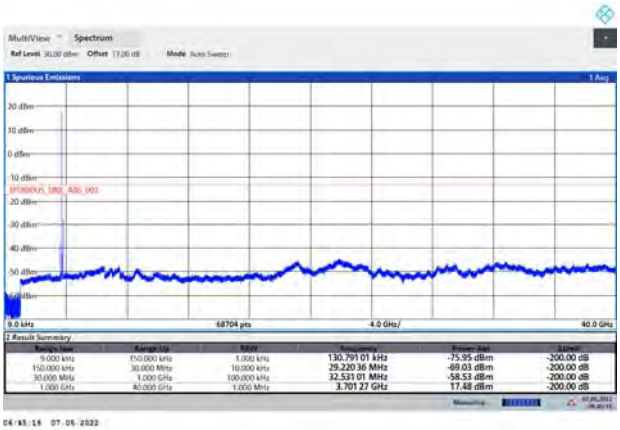


NR n77 subset1 16QAM 30MHz CH-Middle
9kHz~40GHz

NR n77 subset1 64QAM 30MHz CH-Middle
9kHz~40GHz

NR n77 subset1 256QAM 30MHz CH-Middle
9kHz~40GHz

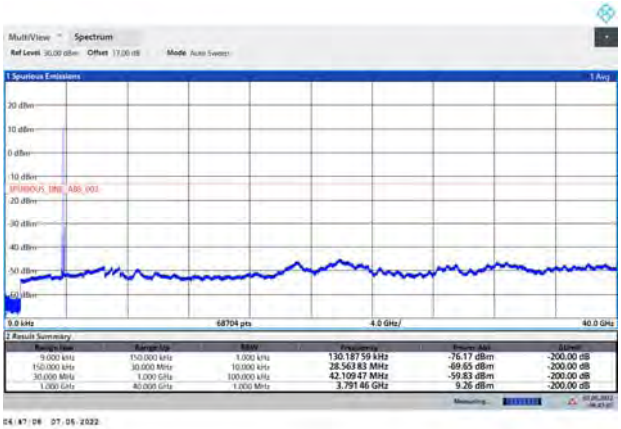
NR n77 subset2 P1/2 BPSK 30MHz CH-Low
9kHz~40GHz



NR n77 subset2 QPSK 30MHz CH-Low
9kHz~40GHz

NR n77 subset2 P1/2 BPSK 30MHz CH-Middle
9kHz~40GHz

NR n77 subset2 QPSK 30MHz CH-Middle
9kHz~40GHz



NR n77 subset2 P1/2 BPSK 30MHz CH-High
9kHz~40GHz

NR n77 subset2 QPSK 30MHz CH-High
9kHz~40GHz

NR n77 subset2 16QAM 30MHz CH-Low
9kHz~40GHz

NR n77 subset2 64QAM 30MHz CH-Low
9kHz~40GHz

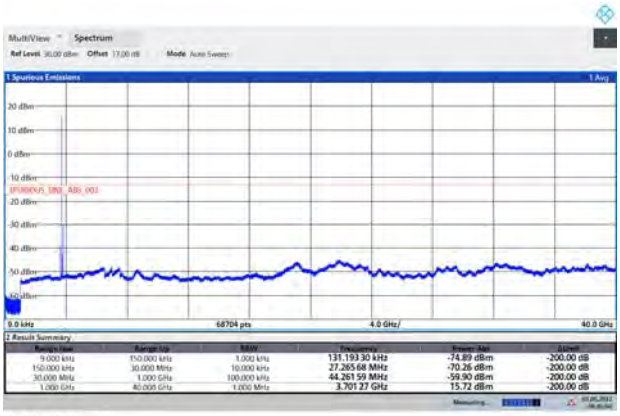
NR n77 subset2 16QAM 30MHz CH-Middle
9kHz~40GHz

NR n77 subset2 64QAM 30MHz CH-Middle
9kHz~40GHz

NR n77 subset2 16QAM 30MHz CH-High
9kHz~40GHz

NR n77 subset2 64QAM 30MHz CH-High
9kHz~40GHz

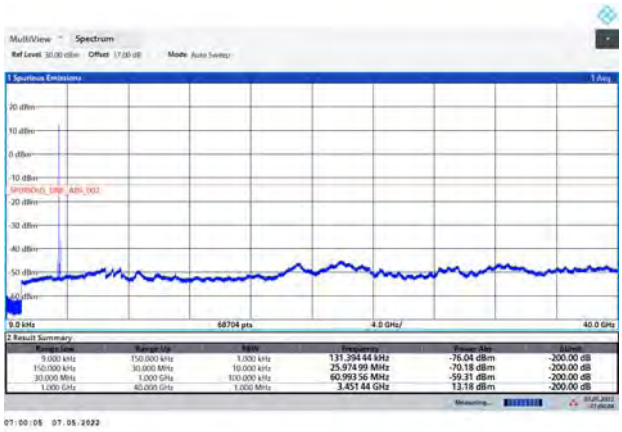
NR n77 subset2 256QAM 30MHz CH-Low
9kHz~40GHz



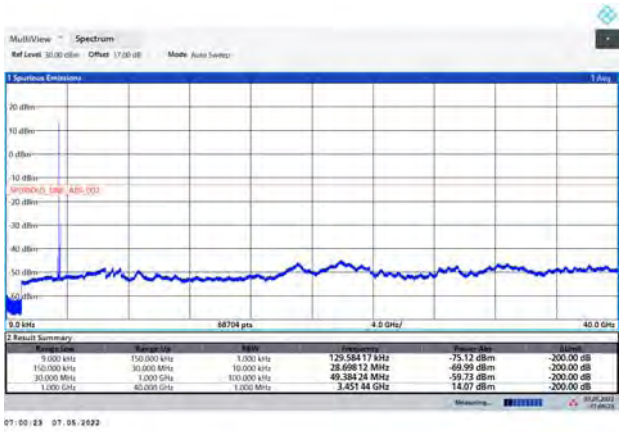
NR n77 subset2 256QAM 30MHz CH-Middle
9kHz~40GHz

NR n77 subset2 256QAM 30MHz CH-High
9kHz~40GHz

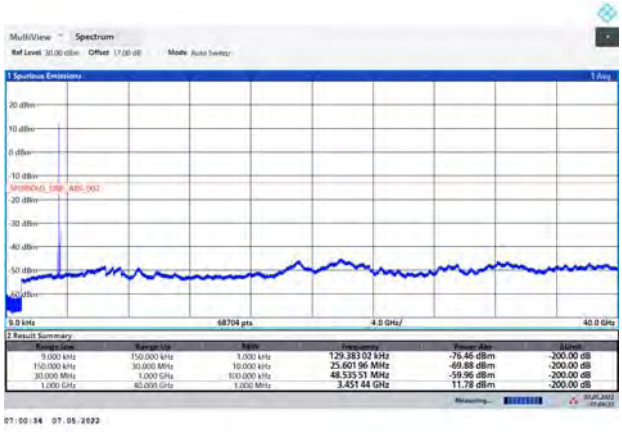
DC_2A-n77(subset 2)AP1/2 BPSK 30MHz CH-Middle 9kHz~40GHz



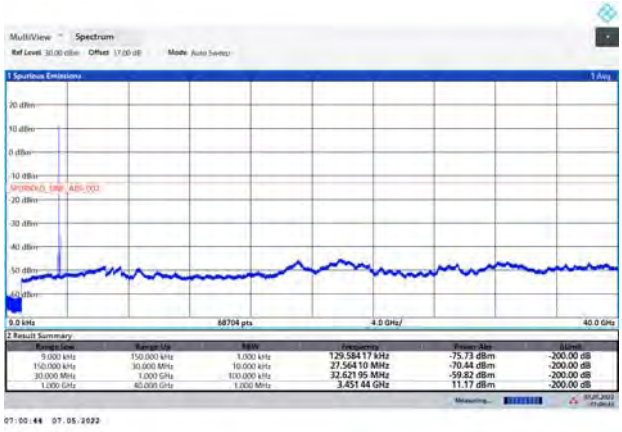
DC_2A-n77(subset 2)A QPSK 30MHz CH-Middle 9kHz~40GHz



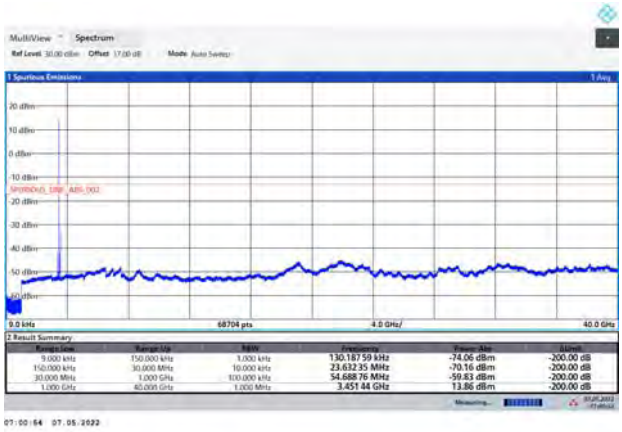
DC_2A-n77(subset 2)A16QAM 30MHz CH-Middle 9kHz~40GHz



DC_2A-n77(subset 2)A64QAM 30MHz CH-Middle 9kHz~40GHz



DC_2A-n77(subset 2)A256QAM 30MHz CH-Middle 9kHz~40GHz

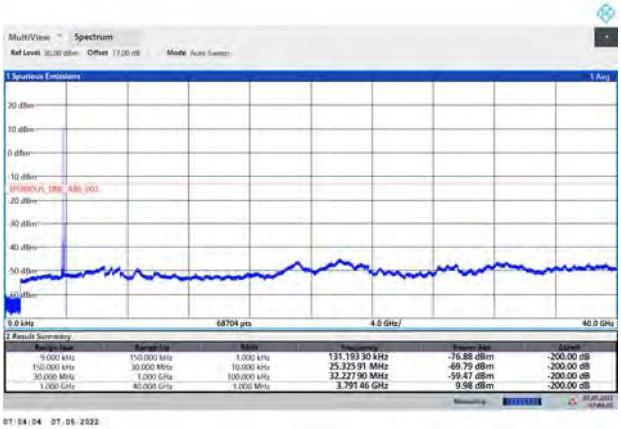


DC_2A-n77(subset 2)AP1/2 BPSK 30MHz CH-Low 9kHz~40GHz

DC_2A-n77(subset 2)AQPSK 30MHz CH-Low 9kHz~40GHz

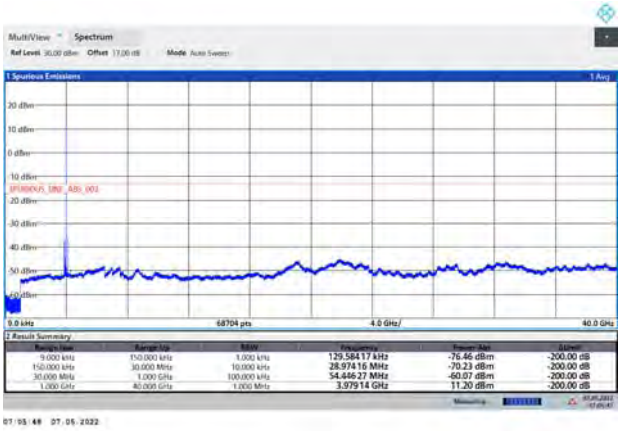
DC_2A-n77(subset 2)AP1/2 BPSK 30MHz CH-Middle 9kHz~40GHz

DC_2A-n77(subset 2)AQPSK 30MHz CH-Middle 9kHz~40GHz



DC_2A-n77(subset 2)AP1/2 BPSK 30MHz CH-High 9kHz~40GHz

DC_2A-n77(subset 2)AQPSK 30MHz CH-High 9kHz~40GHz



DC_2A-n77(subset 2)A16QAM 30MHz CH-Low 9kHz~40GHz

DC_2A-n77(subset 2)A64QAM 30MHz CH-Low 9kHz~40GHz

DC_2A-n77(subset 2)A16QAM 30MHz CH-Middle 9kHz~40GHz

DC_2A-n77(subset 2)A64QAM 30MHz CH-Middle 9kHz~40GHz

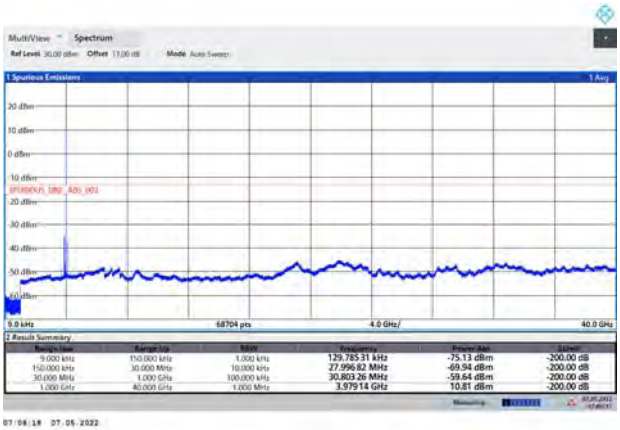
DC_2A-n77(subset 2)A16QAM 30MHz CH-High 9kHz~40GHz

DC_2A-n77(subset 2)A64QAM 30MHz CH-High 9kHz~40GHz

DC_2A-n77(subset 2)A256QAM 30MHz CH-Low 9kHz~40GHz

DC_2A-n77(subset 2)A256QAM 30MHz CH-Middle 9kHz~40GHz

DC_2A-n77(subset 2)A256QAM 30MHz CH-High 9kHz~40GHz



6.7 Radiates Spurious Emission

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

During the test, preliminary tests were performed allAntenna, and the Main Antenna was selected as the worst case. Worst-case test data is documented in this report.

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.20	-66.01	2.70	12.70	Horizontal	-56.01	-13.00	43.01	135
3	5197.80	-62.65	3.20	12.50	Horizontal	-53.35	-13.00	40.35	45
4	6930.40	-60.03	4.20	11.80	Horizontal	-52.43	-13.00	39.43	18/0
5	8663.00	-56.35	4.40	12.50	Horizontal	-48.25	-13.00	35.25	0
6	10395.60	-50.88	4.70	11.30	Horizontal	-44.28	-13.00	31.28	0
7	12128.20	-51.70	5.20	13.80	Horizontal	-43.10	-13.00	30.10	90
8	13860.80	-50.33	5.70	11.30	Horizontal	-44.73	-13.00	31.73	315
9	15593.40	-52.14	6.10	16.80	Horizontal	-41.44	-13.00	28.44	135
10	17326.00	-49.28	6.10	14.20	Horizontal	-41.18	-13.00	28.18	90
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 4 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3464.25	-64.85	2.70	12.70	Vertical	-54.85	-13.00	41.85	135
3	5197.50	-51.46	3.20	12.50	Vertical	-42.16	-13.00	29.16	225
4	6930.00	-61.84	4.20	11.80	Vertical	-54.24	-13.00	41.24	90
5	8662.50	-55.65	4.40	12.50	Vertical	-47.55	-13.00	34.55	180
6	10395.00	-50.01	4.70	11.30	Vertical	-43.41	-13.00	30.41	45
7	12127.50	-51.63	5.20	13.80	Vertical	-43.03	-13.00	30.03	0
8	13860.00	-49.56	5.70	11.30	Vertical	-43.96	-13.00	30.96	315
9	15592.50	-52.97	6.10	16.80	Vertical	-42.27	-13.00	29.27	180
10	17325.00	-47.46	6.10	14.20	Vertical	-39.36	-13.00	26.36	225
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 4 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.50	-54.84	2.70	12.70	Vertical	-44.84	-13.00	31.84	180
3	5191.50	-39.42	3.20	12.50	Vertical	-30.12	-13.00	17.12	90
4	6930.00	-61.36	4.20	11.80	Vertical	-53.76	-13.00	40.76	225
5	8662.50	-55.36	4.40	12.50	Vertical	-47.26	-13.00	34.26	270
6	10395.00	-49.74	4.70	11.30	Vertical	-43.14	-13.00	30.14	135
7	12127.50	-50.92	5.20	13.80	Vertical	-42.32	-13.00	29.32	0
8	13860.00	-48.87	5.70	11.30	Vertical	-43.27	-13.00	30.27	90
9	15592.50	-52.06	6.10	16.80	Vertical	-41.36	-13.00	28.36	180
10	17325.00	-48.43	6.10	14.20	Vertical	-40.33	-13.00	27.33	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 4 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.00	-57.17	2.70	12.70	Vertical	-47.17	-13.00	34.17	0
3	5170.88	-49.85	3.20	12.50	Vertical	-40.55	-13.00	27.55	225
4	6930.00	-61.71	4.20	11.80	Vertical	-54.11	-13.00	41.11	0
5	8662.50	-55.71	4.40	12.50	Vertical	-47.61	-13.00	34.61	45
6	10395.00	-50.53	4.70	11.30	Vertical	-43.93	-13.00	30.93	315
7	12127.50	-51.81	5.20	13.80	Vertical	-43.21	-13.00	30.21	0
8	13860.00	-49.59	5.70	11.30	Vertical	-43.99	-13.00	30.99	180
9	15592.50	-52.46	6.10	16.80	Vertical	-41.76	-13.00	28.76	225
10	17325.00	-48.75	6.10	14.20	Vertical	-40.65	-13.00	27.65	90
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.80	-47.30	3.40	12.50	Vertical	-38.20	-25.00	13.20	180
3	7598.60	-50.09	4.40	12.20	Vertical	-42.29	-25.00	17.29	225
4	10130.63	-50.91	4.70	11.30	Vertical	-44.31	-25.00	19.31	315
5	12675.00	-51.14	5.40	13.20	Vertical	-43.34	-25.00	18.34	0
6	15210.00	-48.56	6.10	13.10	Vertical	-41.56	-25.00	16.56	45
7	17745.00	-48.37	6.10	14.20	Vertical	-40.27	-25.00	15.27	315
8	20280.00	--	--	--	--	--	--	--	--
9	22815.00	--	--	--	--	--	--	--	--
10	25350.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5052.20	-56.27	3.40	12.50	Vertical	-47.17	-25.00	22.17	315
3	7578.30	-47.70	4.40	12.20	Vertical	-39.90	-25.00	14.90	0
4	10104.40	-50.29	4.70	11.30	Vertical	-43.69	-25.00	18.69	45
5	12630.50	-50.61	5.40	13.20	Vertical	-42.81	-25.00	17.81	225
6	15156.60	-49.27	6.10	13.10	Vertical	-42.27	-25.00	17.27	135
7	17682.70	-48.73	6.10	14.20	Vertical	-40.63	-25.00	15.63	270
8	20208.80	--	--	--	--	--	--	--	--
9	22734.90	--	--	--	--	--	--	--	--
10	25261.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 12 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1415.00	-56.42	1.70	8.70	Vertical	-51.57	-13.00	38.57	270
3	2122.50	-42.26	2.10	11.10	Vertical	-35.41	-13.00	22.41	90
4	2830.00	-50.61	2.30	13.10	Vertical	-41.96	-13.00	28.96	0
5	3537.50	-63.73	2.60	12.70	Vertical	-55.78	-13.00	42.78	225
6	4245.00	-63.23	3.30	12.50	Vertical	-56.18	-13.00	43.18	0
7	4952.50	-61.04	3.40	12.50	Vertical	-54.09	-13.00	41.09	135
8	5660.00	-60.18	3.30	12.50	Vertical	-53.13	-13.00	40.13	90
9	6367.50	-58.82	3.80	11.50	Vertical	-53.27	-13.00	40.27	135
10	7075.00	-56.70	4.20	11.80	Vertical	-51.25	-13.00	38.25	0
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 12 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.60	-55.98	1.70	8.70	Vertical	-51.13	-13.00	38.13	270
3	2115.93	-54.88	2.10	11.10	Vertical	-48.03	-13.00	35.03	90
4	2830.00	-50.92	2.30	13.10	Vertical	-42.27	-13.00	29.27	0
5	3537.50	-65.23	2.60	12.70	Vertical	-57.28	-13.00	44.28	45
6	4245.00	-63.21	3.30	12.50	Vertical	-56.16	-13.00	43.16	90
7	4952.50	-60.01	3.40	12.50	Vertical	-53.06	-13.00	40.06	45
8	5660.00	-60.16	3.30	12.50	Vertical	-53.11	-13.00	40.11	225
9	6367.50	-58.94	3.80	11.50	Vertical	-53.39	-13.00	40.39	135
10	7075.00	-56.56	4.20	11.80	Vertical	-51.11	-13.00	38.11	90
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 12 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1415.00	-55.63	1.70	8.70	Vertical	-50.78	-13.00	37.78	270
3	2122.50	-53.22	2.10	11.10	Vertical	-46.37	-13.00	33.37	0
4	2830.00	-51.87	2.30	13.10	Vertical	-43.22	-13.00	30.22	90
5	3537.50	-64.75	2.60	12.70	Vertical	-56.80	-13.00	43.80	45
6	4245.00	-62.17	3.30	12.50	Vertical	-55.12	-13.00	42.12	0
7	4952.50	-61.03	3.40	12.50	Vertical	-54.08	-13.00	41.08	225
8	5660.00	-58.99	3.30	12.50	Vertical	-51.94	-13.00	38.94	45
9	6367.50	-59.02	3.80	11.50	Vertical	-53.47	-13.00	40.47	90
10	7075.00	-56.26	4.20	11.80	Vertical	-50.81	-13.00	37.81	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 17 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1415.00	-57.33	1.70	8.70	Vertical	-52.48	-13.00	39.48	45
3	2122.50	-51.11	2.10	11.10	Vertical	-44.26	-13.00	31.26	90
4	2830.00	-47.42	2.50	13.10	Vertical	-38.97	-13.00	25.97	135
5	3537.50	-64.12	2.60	12.70	Vertical	-56.17	-13.00	43.17	225
6	4245.00	-62.77	3.30	12.50	Vertical	-55.72	-13.00	42.72	45
7	4952.50	-61.21	3.40	12.50	Vertical	-54.26	-13.00	41.26	135
8	5660.00	-59.55	3.40	12.80	Vertical	-52.30	-13.00	39.30	90
9	6367.50	-58.27	4.10	11.50	Vertical	-53.02	-13.00	40.02	225
10	7075.00	-55.93	4.20	12.20	Vertical	-50.08	-13.00	37.08	0
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 17 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1410.00	-57.24	1.70	8.70	Vertical	-52.39	-13.00	39.39	225
3	2115.00	-54.23	2.10	11.10	Vertical	-47.38	-13.00	34.38	45
4	2820.00	-51.32	2.50	13.10	Vertical	-42.87	-13.00	29.87	0
5	3525.00	-64.36	2.60	12.70	Vertical	-56.41	-13.00	43.41	135
6	4230.00	-64.72	3.30	12.50	Vertical	-57.67	-13.00	44.67	90
7	4935.00	-60.80	3.40	12.50	Vertical	-53.85	-13.00	40.85	0
8	5640.00	-60.50	3.40	12.80	Vertical	-53.25	-13.00	40.25	315
9	6345.00	-58.17	4.10	11.50	Vertical	-52.92	-13.00	39.92	90
10	7050.00	-56.63	4.20	12.20	Vertical	-50.78	-13.00	37.78	180
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 38 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.0	-58.49	3.20	12.50	Vertical	-49.19	-25.0	24.19	270
3	7777.5	-48.10	4.40	12.30	Vertical	-40.20	-25.0	15.20	270
4	10370.0	-50.34	4.70	11.80	Vertical	-43.24	-25.0	18.24	0
5	12962.5	-50.05	5.40	14.00	Vertical	-41.45	-25.0	16.45	135
6	15555.0	-51.56	6.10	16.80	Vertical	-40.86	-25.0	15.86	90
7	18147.5	--	--	--	--	--	--	--	--
8	20740.0	--	--	--	--	--	--	--	--
9	23332.5	--	--	--	--	--	--	--	--
10	25925.0	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5170.0	-60.56	3.20	12.50	Vertical	-51.26	-25.0	26.26	45
3	7755.0	-52.04	4.40	12.30	Vertical	-44.14	-25.0	19.14	45
4	10340.0	-49.02	4.70	11.80	Vertical	-41.92	-25.0	16.92	135
5	12925.0	-50.08	5.40	14.00	Vertical	-41.48	-25.0	16.48	45
6	15510.0	-51.08	6.10	16.80	Vertical	-40.38	-25.0	15.38	0
7	18095.0	--	--	--	--	--	--	--	--
8	20680.0	--	--	--	--	--	--	--	--
9	23265.0	--	--	--	--	--	--	--	--
10	25850.0	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 40 Subset 1 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4615.88	-75.87	3.20	12.50	Vertical	-66.57	-40.00	26.57	45
3	6923.25	-55.55	4.40	12.30	Vertical	-47.65	-40.00	7.65	270
4	9231.75	-61.87	4.70	11.80	Vertical	-54.77	-40.00	14.77	270
5	11550.00	-63.68	5.40	14.00	Vertical	-55.08	-40.00	15.08	0
6	13860.00	-63.94	6.10	16.80	Vertical	-53.24	-40.00	13.24	180
7	16170.00	-64.84	5.70	14.15	Vertical	-56.39	-40.00	16.39	90
8	18480.00	--	--	--	--	--	--	--	--
9	20790.00	--	--	--	--	--	--	--	--
10	23100.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 40 Subset 2 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4602.38	-74.58	3.20	12.50	Vertical	-65.28	-40.00	25.28	270
3	6903.00	-63.91	4.40	12.30	Vertical	-56.01	-40.00	16.01	45
4	9204.00	-62.05	4.70	11.80	Vertical	-54.95	-40.00	14.95	315
5	11550.00	-61.41	5.40	14.00	Vertical	-52.81	-40.00	12.81	90
6	13860.00	-63.69	6.10	16.80	Vertical	-52.99	-40.00	12.99	90
7	16173.75	-64.33	5.70	14.15	Vertical	-55.88	-40.00	15.88	180
8	18480.00	--	--	--	--	--	--	--	--
9	20790.00	--	--	--	--	--	--	--	--
10	23100.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 40 Subset 1 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4705.50	-72.80	3.20	12.50	Vertical	-63.50	-40.00	23.50	90
3	7058.25	-53.20	4.40	12.30	Vertical	-45.30	-40.00	5.30	270
4	9411.75	-59.21	4.70	11.80	Vertical	-52.11	-40.00	12.11	45
5	11775.00	-63.73	5.40	14.00	Vertical	-55.13	-40.00	15.13	0
6	14130.00	-64.12	6.10	16.80	Vertical	-53.42	-40.00	13.42	180
7	16485.00	-62.67	5.70	14.15	Vertical	-54.22	-40.00	14.22	135
8	18840.00	--	--	--	--	--	--	--	--
9	21195.00	--	--	--	--	--	--	--	--
10	23550.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 40 Subset 2 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	4692.00	-68.03	3.20	12.50	Vertical	-58.73	-40.00	18.73	90
3	7038.00	-57.39	4.40	12.30	Vertical	-49.49	-40.00	9.49	180
4	9384.00	-59.19	4.70	11.80	Vertical	-52.09	-40.00	12.09	90
5	11775.00	-63.44	5.40	14.00	Vertical	-54.84	-40.00	14.84	270
6	14130.00	-64.11	6.10	16.80	Vertical	-53.41	-40.00	13.41	45
7	16485.00	-63.56	5.70	14.15	Vertical	-55.11	-40.00	15.11	180
8	18840.00	--	--	--	--	--	--	--	--
9	21195.00	--	--	--	--	--	--	--	--
10	23550.00	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 41 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5163.30	-59.38	3.20	12.50	Vertical	-50.08	-25.00	25.08	90
3	7744.95	-51.88	4.40	12.30	Vertical	-43.98	-25.00	18.98	0
4	10326.60	-50.63	4.70	11.80	Vertical	-43.53	-25.00	18.53	270
5	12908.25	-52.37	5.40	14.00	Vertical	-43.77	-25.00	18.77	45
6	15489.90	-51.15	6.10	16.80	Vertical	-40.45	-25.00	15.45	135
7	18071.55	--	--	--	--	--	--	--	--
8	20653.20	--	--	--	--	--	--	--	--
9	23234.85	--	--	--	--	--	--	--	--
10	25816.50	--	--	--	--	--	--	--	--

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.
2. The worst emission was found in the antenna is Vertical position.

LTE Band 41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5149.60	-59.23	3.20	12.50	Vertical	-49.93	-25.00	24.93	180
3	7724.40	-51.55	4.40	12.30	Vertical	-43.65	-25.00	18.65	270
4	10299.20	-52.11	4.70	11.80	Vertical	-45.01	-25.00	20.01	0
5	12874.00	-50.38	5.40	14.00	Vertical	-41.78	-25.00	16.78	90
6	15448.80	-50.49	6.10	16.80	Vertical	-39.79	-25.00	14.79	315
7	18023.60	--	--	--	--	--	--	--	--
8	20598.40	--	--	--	--	--	--	--	--
9	23173.20	--	--	--	--	--	--	--	--
10	25748.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 66 QPSK 1.4MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3464.30	-67.75	2.70	12.70	Vertical	-57.75	-13.00	44.75	0
3	5233.50	-58.19	3.20	12.50	Vertical	-48.89	-13.00	35.89	225
4	6930.00	-53.69	4.20	11.80	Vertical	-46.09	-13.00	33.09	45
5	8722.50	-47.60	4.40	12.50	Vertical	-39.50	-13.00	26.50	180
6	10395.00	-50.10	4.70	11.80	Vertical	-43.00	-13.00	30.00	270
7	12211.50	-51.66	5.20	13.80	Vertical	-43.06	-13.00	30.06	90
8	13860.00	-49.73	5.70	13.20	Vertical	-42.23	-13.00	29.23	270
9	15701.25	-51.32	6.10	16.80	Vertical	-40.62	-13.00	27.62	0
10	17325.00	-48.96	6.10	14.20	Vertical	-40.86	-13.00	27.86	135
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 66 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.50	-66.67	2.70	12.70	Vertical	-56.67	-13.00	43.67	225
3	5228.63	-58.13	3.20	12.50	Vertical	-48.83	-13.00	35.83	315
4	6930.00	-54.78	4.20	11.80	Vertical	-47.18	-13.00	34.18	180
5	8714.25	-48.87	4.40	12.50	Vertical	-40.77	-13.00	27.77	90
6	10395.00	-49.34	4.70	11.80	Vertical	-42.24	-13.00	29.24	0
7	12199.50	-51.04	5.20	13.80	Vertical	-42.44	-13.00	29.44	45
8	13860.00	-51.02	5.70	13.20	Vertical	-43.52	-13.00	30.52	90
9	15685.50	-54.27	6.10	16.80	Vertical	-43.57	-13.00	30.57	315
10	17325.00	-48.85	6.10	14.20	Vertical	-40.75	-13.00	27.75	180
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

LTE Band 66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3447.00	-67.33	2.70	12.70	Vertical	-57.33	-13.00	44.33	180
3	5208.00	-55.49	3.20	12.50	Vertical	-46.19	-13.00	33.19	135
4	6930.00	-52.62	4.20	11.80	Vertical	-45.02	-13.00	32.02	90
5	8680.50	-48.14	4.40	12.50	Vertical	-40.04	-13.00	27.04	270
6	10395.00	-50.34	4.70	11.80	Vertical	-43.24	-13.00	30.24	90
7	12151.50	-49.98	5.20	13.80	Vertical	-41.38	-13.00	28.38	45
8	13860.00	-50.15	5.70	13.20	Vertical	-42.65	-13.00	29.65	180
9	15592.50	-53.27	6.10	16.80	Vertical	-42.57	-13.00	29.57	225
10	17325.00	-48.32	6.10	14.20	Vertical	-40.22	-13.00	27.22	0
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 7C_10M+20M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5050.60	-59.64	3.40	12.50	Vertical	-50.54	-25.00	25.54	0
3	7562.20	-50.77	4.40	12.20	Vertical	-42.97	-25.00	17.97	225
4	10101.20	-49.98	4.70	11.30	Vertical	-43.38	-25.00	18.38	315
5	12626.50	-49.36	5.40	13.20	Vertical	-41.56	-25.00	16.56	45
6	15151.80	-46.93	6.10	13.10	Vertical	-39.93	-25.00	14.93	90
7	17677.10	-47.93	6.10	14.20	Vertical	-39.83	-25.00	14.83	0
8	20202.40	--	--	--	--	--	--	--	--
9	22727.70	--	--	--	--	--	--	--	--
10	25253.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 7C_ 20M+10M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5059.60	-60.54	3.40	12.50	Vertical	-51.44	-25.00	26.44	270
3	7589.40	-56.15	4.40	12.20	Vertical	-48.35	-25.00	23.35	45
4	10119.20	-50.27	4.70	11.30	Vertical	-43.67	-25.00	18.67	0
5	12649.00	-53.32	5.40	13.20	Vertical	-45.52	-25.00	20.52	90
6	15178.80	-46.60	6.10	13.10	Vertical	-39.60	-25.00	14.60	135
7	17708.60	-48.23	6.10	14.20	Vertical	-40.13	-25.00	15.13	0
8	20238.40	--	--	--	--	--	--	--	--
9	22768.20	--	--	--	--	--	--	--	--
10	25298.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 7C_15M+15M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5065.00	-61.82	3.40	12.50	Vertical	-52.72	-25.00	27.72	90
3	7597.50	-54.91	4.40	12.20	Vertical	-47.11	-25.00	22.11	0
4	10130.00	-50.75	4.70	11.30	Vertical	-44.15	-25.00	19.15	45
5	12662.50	-54.15	5.40	13.20	Vertical	-46.35	-25.00	21.35	0
6	15195.00	-47.47	6.10	13.10	Vertical	-40.47	-25.00	15.47	180
7	17727.50	-48.76	6.10	14.20	Vertical	-40.66	-25.00	15.66	90
8	20260.00	--	--	--	--	--	--	--	--
9	22792.50	--	--	--	--	--	--	--	--
10	25325.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 7C_ 20M+20M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5030.00	-60.39	3.40	12.50	Vertical	-51.29	-25.00	26.29	90
3	7545.00	-55.89	4.40	12.20	Vertical	-48.09	-25.00	23.09	90
4	10060.00	-51.34	4.70	11.30	Vertical	-44.74	-25.00	19.74	0
5	12575.00	-55.24	5.40	13.20	Vertical	-47.44	-25.00	22.44	270
6	15090.00	-46.44	6.10	13.10	Vertical	-39.44	-25.00	14.44	45
7	17605.00	-48.95	6.10	14.20	Vertical	-40.85	-25.00	15.85	180
8	20120.00	--	--	--	--	--	--	--	--
9	22635.00	--	--	--	--	--	--	--	--
10	25150.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 41C_5M+20M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5162.60	-61.88	3.20	12.50	Vertical	-52.58	-25.00	27.58	90
3	7743.90	-52.16	4.40	12.30	Vertical	-44.26	-25.00	19.26	315
4	10325.20	-52.13	4.70	11.80	Vertical	-45.03	-25.00	20.03	90
5	12906.50	-52.44	5.40	14.00	Vertical	-43.84	-25.00	18.84	180
6	15487.80	-52.80	6.10	16.80	Vertical	-42.10	-25.00	17.10	270
7	18069.10	-61.03	5.70	14.15	Vertical	-52.58	-25.00	27.58	90
8	20684.00	--	--	--	--	--	--	--	--
9	23269.50	--	--	--	--	--	--	--	--
10	25855.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 41C_ 20M+5M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5176.00	-56.64	3.20	12.50	Vertical	-47.34	-25.00	22.34	0
3	7764.00	-41.57	4.40	12.30	Vertical	-33.67	-25.00	8.67	180
4	10352.00	-50.46	4.70	11.80	Vertical	-43.36	-25.00	18.36	315
5	12940.00	-54.29	5.40	14.00	Vertical	-45.69	-25.00	20.69	45
6	15528.00	-53.20	6.10	16.80	Vertical	-42.50	-25.00	17.50	0
7	18116.00	-55.79	5.70	14.15	Vertical	-47.34	-25.00	22.34	0
8	20704.00	--	--	--	--	--	--	--	--
9	23292.00	--	--	--	--	--	--	--	--
10	25880.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 41C_ 15M+15M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5156.00	-60.31	3.20	12.50	Vertical	-51.01	-25.00	26.01	0
3	7734.00	-53.57	4.40	12.30	Vertical	-45.67	-25.00	20.67	180
4	10402.00	-51.28	4.70	11.80	Vertical	-44.18	-25.00	19.18	315
5	12890.00	-53.18	5.40	14.00	Vertical	-44.58	-25.00	19.58	45
6	15468.00	-63.24	6.10	16.80	Vertical	-52.54	-25.00	27.54	90
7	18046.00	-59.46	5.70	14.15	Vertical	-51.01	-25.00	26.01	0
8	20624.00	--	--	--	--	--	--	--	--
9	23202.00	--	--	--	--	--	--	--	--
10	25780.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

CA 41C_ 20M+20M QPSK CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5146.20	-61.98	3.20	12.50	Vertical	-52.68	-25.00	27.68	180
3	7719.30	-54.93	4.40	12.30	Vertical	-47.03	-25.00	22.03	315
4	10292.40	-51.41	4.70	11.80	Vertical	-44.31	-25.00	19.31	90
5	12865.50	-52.62	5.40	14.00	Vertical	-44.02	-25.00	19.02	180
6	15438.60	-52.74	6.10	16.80	Vertical	-42.04	-25.00	17.04	270
7	18011.70	-61.13	5.70	14.15	Vertical	-52.68	-25.00	27.68	180
8	20584.80	--	--	--	--	--	--	--	--
9	23157.90	--	--	--	--	--	--	--	--
10	25731.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Vertical position.									

NR n7 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5070.00	-52.27	3.40	12.50	Horizontal	-43.17	-25.00	18.17	180
3	7605.00	-54.14	4.40	12.20	Horizontal	-46.34	-25.00	21.34	225
4	10130.00	-52.64	4.70	11.30	Horizontal	-46.04	-25.00	21.04	0
5	12662.50	-52.04	5.40	13.20	Horizontal	-44.24	-25.00	19.24	45
6	15195.00	-47.62	6.10	13.10	Horizontal	-40.62	-25.00	15.62	90
7	17727.50	-48.43	6.10	14.20	Horizontal	-40.33	-25.00	15.33	90
8	20260.00	--	--	--	--	--	--	--	--
9	22792.50	--	--	--	--	--	--	--	--
10	25325.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n7 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5070.00	-54.57	3.40	12.50	Horizontal	-45.47	-25.00	20.47	45
3	7605.00	-46.78	4.40	12.20	Horizontal	-38.98	-25.00	13.98	135
4	10100.00	-53.37	4.70	11.30	Horizontal	-46.77	-25.00	21.77	90
5	12625.00	-52.73	5.40	13.20	Horizontal	-44.93	-25.00	19.93	0
6	15150.00	-48.72	6.10	13.10	Horizontal	-41.72	-25.00	16.72	45
7	17675.00	-50.40	6.10	14.20	Horizontal	-42.30	-25.00	17.30	0
8	20200.00	--	--	--	--	--	--	--	--
9	22725.00	--	--	--	--	--	--	--	--
10	25250.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n38 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5208.36	-62.82	3.20	12.50	Horizontal	-53.52	-25.00	28.52	180
3	7812.54	-45.01	4.40	12.30	Horizontal	-37.11	-25.00	12.11	225
4	10416.72	-53.16	4.70	11.80	Horizontal	-46.06	-25.00	21.06	0
5	13020.90	-52.12	5.40	14.00	Horizontal	-43.52	-25.00	18.52	45
6	15625.08	-53.51	6.10	16.80	Horizontal	-42.81	-25.00	17.81	90
7	18229.26	--	--	--	--	--	--	--	--
8	20833.44	--	--	--	--	--	--	--	--
9	23437.62	--	--	--	--	--	--	--	--
10	26041.80	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n38 QPSK 40MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5228.16	-62.76	3.20	12.50	Horizontal	-53.46	-25.00	28.46	270
3	7842.24	-51.43	4.40	12.30	Horizontal	-43.53	-25.00	18.53	0
4	10456.32	-54.45	4.70	11.80	Horizontal	-47.35	-25.00	22.35	45
5	13070.40	-52.51	5.40	14.00	Horizontal	-43.91	-25.00	18.91	180
6	15684.48	-54.25	6.10	16.80	Horizontal	-43.55	-25.00	18.55	90
7	18298.56	--	--	--	--	--	--	--	--
8	20912.64	--	--	--	--	--	--	--	--
9	23526.72	--	--	--	--	--	--	--	--
10	26140.80	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n41 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.98	-59.06	3.20	12.50	Horizontal	-49.76	-25.00	24.76	180
3	7778.97	-49.81	4.40	12.30	Horizontal	-41.91	-25.00	16.91	225
4	10371.96	-50.61	4.70	11.80	Horizontal	-43.51	-25.00	18.51	0
5	12964.95	-52.07	5.40	14.00	Horizontal	-43.47	-25.00	18.47	45
6	15557.94	-53.22	6.10	16.80	Horizontal	-42.52	-25.00	17.52	90
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n41 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5185.98	-59.85	3.20	12.50	Horizontal	-50.55	-25.00	25.55	45
3	7778.97	-51.56	4.40	12.30	Horizontal	-43.66	-25.00	18.66	135
4	10371.96	-51.53	4.70	11.80	Horizontal	-44.43	-25.00	19.43	90
5	12964.95	-52.97	5.40	14.00	Horizontal	-44.37	-25.00	19.37	0
6	15557.94	-54.07	6.10	16.80	Horizontal	-43.37	-25.00	18.37	45
7	18150.93		--	--	--	--	--	--	--
8	20743.92	--	--	--	--	--	--	--	--
9	23336.91	--	--	--	--	--	--	--	--
10	25929.90	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_28A (subset 2)-n41A20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5204.34	-67.07	3.20	12.50	Horizontal	-57.77	-25.00	32.77	135
3	7779.20	-44.86	4.40	12.30	Horizontal	-36.96	-25.00	11.96	180
4	10408.68	-53.24	4.70	11.80	Horizontal	-46.14	-25.00	21.14	90
5	13010.85	-53.81	5.40	14.00	Horizontal	-45.21	-25.00	20.21	315
6	15613.02	-57.60	6.10	16.80	Horizontal	-46.90	-25.00	21.90	90
7	18215.19	--	--	--	--	--	--	--	--
8	20817.36	--	--	--	--	--	--	--	--
9	23418.53	--	--	--	--	--	--	--	--
10	26021.70	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_28A (subset 2)-n41A 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5244.30	-65.78	3.20	12.50	Horizontal	-56.48	-25.00	31.48	135
3	7779.40	-42.60	4.40	12.30	Horizontal	-34.70	-25.00	9.70	45
4	10488.60	-53.54	4.70	11.80	Horizontal	-46.44	-25.00	21.44	270
5	13110.75	-53.26	5.40	14.00	Horizontal	-44.66	-25.00	19.66	0
6	15732.90	-56.05	6.10	16.80	Horizontal	-45.35	-25.00	20.35	180
7	18355.05	--	--	--	--	--	--	--	--
8	20977.20	--	--	--	--	--	--	--	--
9	23599.35	--	--	--	--	--	--	--	--
10	26221.50	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_28A (subset 2)-n41A 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5284.26	-67.07	3.20	12.50	Horizontal	-57.77	-25.00	32.77	135
3	7926.39	-42.92	4.40	12.30	Horizontal	-35.02	-25.00	10.02	90
4	10568.52	-52.31	4.70	11.80	Horizontal	-45.21	-25.00	20.21	90
5	13210.65	-55.15	5.40	14.00	Horizontal	-46.55	-25.00	21.55	180
6	15852.78	-56.92	6.10	16.80	Horizontal	-46.22	-25.00	21.22	0
7	18494.91	--	--	--	--	--	--	--	--
8	21137.04	--	--	--	--	--	--	--	--
9	23779.17	--	--	--	--	--	--	--	--
10	26421.30	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n66 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3490.00	-66.19	2.70	12.70	Horizontal	-56.19	-13.00	43.19	180
3	5235.00	-62.61	3.20	12.50	Horizontal	-53.31	-13.00	40.31	225
4	6980.00	-62.72	4.20	11.80	Horizontal	-55.12	-13.00	42.12	0
5	8725.00	-56.46	4.40	12.50	Horizontal	-48.36	-13.00	35.36	45
6	10470.00	-50.37	4.70	11.80	Horizontal	-43.27	-13.00	30.27	90
7	12215.00	-51.86	5.20	13.80	Horizontal	-43.26	-13.00	30.26	45
8	13960.00	-52.62	5.70	13.20	Horizontal	-45.12	-13.00	32.12	135
9	15705.00	-55.22	6.10	16.80	Horizontal	-44.52	-13.00	31.52	0
10	17450.00	-50.46	6.10	14.20	Horizontal	-42.36	-13.00	29.36	45
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NR n66 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3490.00	-65.72	2.70	12.70	Horizontal	-55.72	-13.00	42.72	45
3	5235.00	-56.69	3.20	12.50	Horizontal	-47.39	-13.00	34.39	135
4	6980.00	-50.21	4.20	11.80	Horizontal	-42.61	-13.00	29.61	90
5	8725.00	-49.73	4.40	12.50	Horizontal	-41.63	-13.00	28.63	0
6	10470.00	-52.34	4.70	11.80	Horizontal	-45.24	-13.00	32.24	45
7	12215.00	-53.35	5.20	13.80	Horizontal	-44.75	-13.00	31.75	90
8	13960.00	-52.69	5.70	13.20	Horizontal	-45.19	-13.00	32.19	0
9	15705.00	-54.80	6.10	16.80	Horizontal	-44.10	-13.00	31.10	90
10	17450.00	-52.35	6.10	14.20	Horizontal	-44.25	-13.00	31.25	135
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n66A QPSK 30MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3461.30	-64.62	2.70	12.70	Horizontal	-54.62	-13.00	41.62	135
3	5192.00	-56.93	3.20	12.50	Horizontal	-47.63	-13.00	34.63	90
4	6922.60	-58.06	4.20	11.80	Horizontal	-50.46	-13.00	37.46	90
5	8653.20	-53.47	4.40	12.50	Horizontal	-45.37	-13.00	32.37	180
6	10384.10	-50.67	4.70	11.80	Horizontal	-43.57	-13.00	30.57	315
7	12114.80	-51.08	5.20	13.80	Horizontal	-42.48	-13.00	29.48	270
8	13845.50	-46.70	5.70	13.20	Horizontal	-39.20	-13.00	26.20	225
9	15576.20	-55.97	6.10	16.80	Horizontal	-45.27	-13.00	32.27	0
10	17306.90	-49.64	6.10	14.20	Horizontal	-41.54	-13.00	28.54	180
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n66A QPSK 15MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3476.00	-66.63	2.70	12.70	Horizontal	-56.63	-13.00	43.63	135
3	5214.00	-56.36	3.20	12.50	Horizontal	-47.06	-13.00	34.06	135
4	6951.60	-56.05	4.20	11.80	Horizontal	-48.45	-13.00	35.45	270
5	8690.00	-47.91	4.40	12.50	Horizontal	-39.81	-13.00	26.81	315
6	10427.87	-51.58	4.70	11.80	Horizontal	-44.48	-13.00	31.48	180
7	12165.87	-53.54	5.20	13.80	Horizontal	-44.94	-13.00	31.94	0
8	13903.87	-49.04	5.70	13.20	Horizontal	-41.54	-13.00	28.54	180
9	15641.87	-54.71	6.10	16.80	Horizontal	-44.01	-13.00	31.01	90
10	17379.87	-48.36	6.10	14.20	Horizontal	-40.26	-13.00	27.26	0
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n66A QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3485.00	-67.34	2.70	12.70	Horizontal	-57.34	-13.00	44.34	135
3	5228.30	-57.22	3.20	12.50	Horizontal	-47.92	-13.00	34.92	45
4	6971.40	-55.52	4.20	11.80	Horizontal	-47.92	-13.00	34.92	90
5	8714.40	-47.66	4.40	12.50	Horizontal	-39.56	-13.00	26.56	180
6	10457.00	-50.32	4.70	11.80	Horizontal	-43.22	-13.00	30.22	0
7	12200.00	-52.40	5.20	13.80	Horizontal	-43.80	-13.00	30.80	315
8	13943.00	-48.73	5.70	13.20	Horizontal	-41.23	-13.00	28.23	45
9	15686.00	-54.75	6.10	16.80	Horizontal	-44.05	-13.00	31.05	0
10	17429.00	-48.49	6.10	14.20	Horizontal	-40.39	-13.00	27.39	180
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NRn 77 subset 1 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7018.38	-59.41	4.20	12.20	Horizontal	-51.41	-13.00	38.41	180
3	10527.57	-48.95	5.90	11.90	Horizontal	-42.95	-13.00	29.95	225
4	14036.76	-51.41	5.80	13.10	Horizontal	-44.11	-13.00	31.11	0
5	17545.95	-49.79	6.10	14.20	Horizontal	-41.69	-13.00	28.69	270
6	21055.14	--	--	--	--	--	--	--	--
7	24564.33	--	--	--	--	--	--	--	--
8	28073.52	--	--	--	--	--	--	--	--
9	31582.71	--	--	--	--	--	--	--	--
10	35091.90	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NRn 77 subset 1 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7098.30	-59.23	4.20	12.20	Horizontal	-51.23	-13.00	38.23	45
3	10647.45	-50.06	5.90	11.90	Horizontal	-44.06	-13.00	31.06	135
4	14196.60	-49.41	5.80	13.10	Horizontal	-42.11	-13.00	29.11	90
5	17745.75	-50.02	6.10	14.20	Horizontal	-41.92	-13.00	28.92	90
6	21294.90	--	--	--	--	--	--	--	--
7	24844.05	--	--	--	--	--	--	--	--
8	28393.20	--	--	--	--	--	--	--	--
9	31942.35	--	--	--	--	--	--	--	--
10	35491.50	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NRn 77 subset 2 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7698.36	-60.44	4.20	12.20	Horizontal	-52.44	-13.00	39.44	180
3	11547.54	-50.24	5.90	11.90	Horizontal	-44.24	-13.00	31.24	45
4	15396.72	-47.80	5.80	13.10	Horizontal	-40.50	-13.00	27.50	270
5	19245.90	--	--	--	--	--	--	--	--
6	23095.08	--	--	--	--	--	--	--	--
7	26944.26	--	--	--	--	--	--	--	--
8	30793.44	--	--	--	--	--	--	--	--
9	34642.62	--	--	--	--	--	--	--	--
10	38491.80	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

NRn 77 subset 2 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7778.28	-57.77	4.20	12.20	Horizontal	-49.77	-13.00	36.77	45
3	11667.42	-50.56	5.90	11.90	Horizontal	-44.56	-13.00	31.56	270
4	15556.56	-49.43	5.80	13.10	Horizontal	-42.13	-13.00	29.13	90
5	19445.70		--	--	--	--	--	--	--
6	23334.84	--	--	--	--	--	--	--	--
7	27223.98	--	--	--	--	--	--	--	--
8	31113.12	--	--	--	--	--	--	--	--
9	35002.26	--	--	--	--	--	--	--	--
10	38891.40	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77A subset 1 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7003.20	-58.09	4.20	12.20	Horizontal	-50.09	-13.00	37.09	135
3	10499.32	-48.00	5.90	11.90	Horizontal	-42.00	-13.00	29.00	90
4	13995.44	-47.26	5.80	13.10	Horizontal	-39.96	-13.00	26.96	90
5	17491.56	-48.42	6.10	14.20	Horizontal	-40.32	-13.00	27.32	90
6	20987.68	--	--	--	--	--	--	--	--
7	24483.80	--	--	--	--	--	--	--	--
8	27979.92	--	--	--	--	--	--	--	--
9	31476.04	--	--	--	--	--	--	--	--
10	34972.16	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77Asubset 1 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7003.20	-58.90	4.20	12.20	Horizontal	-50.90	-13.00	37.90	135
3	10499.32	-50.77	5.90	11.90	Horizontal	-44.77	-13.00	31.77	135
4	13995.44	-49.22	5.80	13.10	Horizontal	-41.92	-13.00	28.92	270
5	17491.56	-49.29	6.10	14.20	Horizontal	-41.19	-13.00	28.19	0
6	20987.68	--	--	--	--	--	--	--	--
7	24483.80	--	--	--	--	--	--	--	--
8	27979.92	--	--	--	--	--	--	--	--
9	31476.04	--	--	--	--	--	--	--	--
10	34972.16	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77A subset 1 QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7003.20	-57.94	4.20	12.20	Horizontal	-49.94	-13.00	36.94	135
3	10499.32	-52.63	5.90	11.90	Horizontal	-46.63	-13.00	33.63	45
4	13995.44	-50.13	5.80	13.10	Horizontal	-42.83	-13.00	29.83	90
5	17491.56	-50.32	6.10	14.20	Horizontal	-42.22	-13.00	29.22	0
6	20987.68	--	--	--	--	--	--	--	--
7	24483.80	--	--	--	--	--	--	--	--
8	27979.92	--	--	--	--	--	--	--	--
9	31476.04	--	--	--	--	--	--	--	--
10	34972.16	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77A subset 2 QPSK 100MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7680.40	-56.81	4.20	12.20	Horizontal	-48.81	-13.00	35.81	135
3	11520.60	-49.49	5.90	11.90	Horizontal	-43.49	-13.00	30.49	90
4	15360.80	-49.11	5.80	13.10	Horizontal	-41.81	-13.00	28.81	90
5	19201.00	--	--	--	--	--	--	--	--
6	23041.20	--	--	--	--	--	--	--	--
7	26881.40	--	--	--	--	--	--	--	--
8	30721.60	--	--	--	--	--	--	--	--
9	34561.80	--	--	--	--	--	--	--	--
10	38402.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77Asubset 2 QPSK 60MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7680.40	-56.23	4.20	12.20	Horizontal	-48.23	-13.00	35.23	135
3	11520.60	-48.51	5.90	11.90	Horizontal	-42.51	-13.00	29.51	135
4	15360.80	-51.67	5.80	13.10	Horizontal	-44.37	-13.00	31.37	270
5	19201.00		--	--	--	--	--	--	--
6	23041.20	--	--	--	--	--	--	--	--
7	26881.40	--	--	--	--	--	--	--	--
8	30721.60	--	--	--	--	--	--	--	--
9	34561.80	--	--	--	--	--	--	--	--
10	38402.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

DC_2A-n77A subset 2QPSK 20MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	7680.40	-56.49	4.20	12.20	Horizontal	-48.49	-13.00	35.49	135
3	11520.60	-48.75	5.90	11.90	Horizontal	-42.75	-13.00	29.75	45
4	15360.80	-52.39	5.80	13.10	Horizontal	-45.09	-13.00	32.09	90
5	19201.00	--	--	--	--	--	--	--	--
6	23041.20	--	--	--	--	--	--	--	--
7	26881.40	--	--	--	--	--	--	--	--
8	30721.60	--	--	--	--	--	--	--	--
9	34561.80	--	--	--	--	--	--	--	--
10	38402.00	--	--	--	--	--	--	--	--
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

7 Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Wireless Communication Tester	Anritsu	MT8000A	6261844783	2021-05-15	2022-05-14
Wireless Communication Tester	Anritsu	MT8821C	6201538758	2021-05-15	2022-05-14
Climate Chamber	WEISS	VT 4002	58226119450010	2021-05-15	2022-05-14
Base Station Simulator	R&S	CMW500	150415	2021-05-15	2022-05-14
Spectrum Analyzer	Keysight	N9020A	MY52330084	2021-05-15	2022-05-14
Universal Radio Communication Tester	Agilent	E5515C	GB44400275	2021-05-15	2022-05-14
Universal Radio Communication Tester	StarPoint	SP9500	SP9500-20440	2021-05-15	2022-05-14
Signal Analyzer	R&S	FSV3030	101411	2021-12-12	2022-12-11
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2020-04-02	2023-04-01
Spectrum Analyzer	R&S	FSV30	104028	2021-05-15	2022-05-14
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	01111	2019-09-12	2022-09-11
Horn Antenna	Schwarzbeck	BBHA 9120D	1594	2020-12-17	2023-12-16
Horn Antenna	ETS-Lindgren	3160-09	00102643	2020-08-11	2023-08-10
Horn Antenna	STEATITE	QSH-SL-26-40 -K-15	16779	2018-06-20	2023-06-19
Software	R&S	EMC32	10.35.10	/	/

********END OF REPORT ********

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.