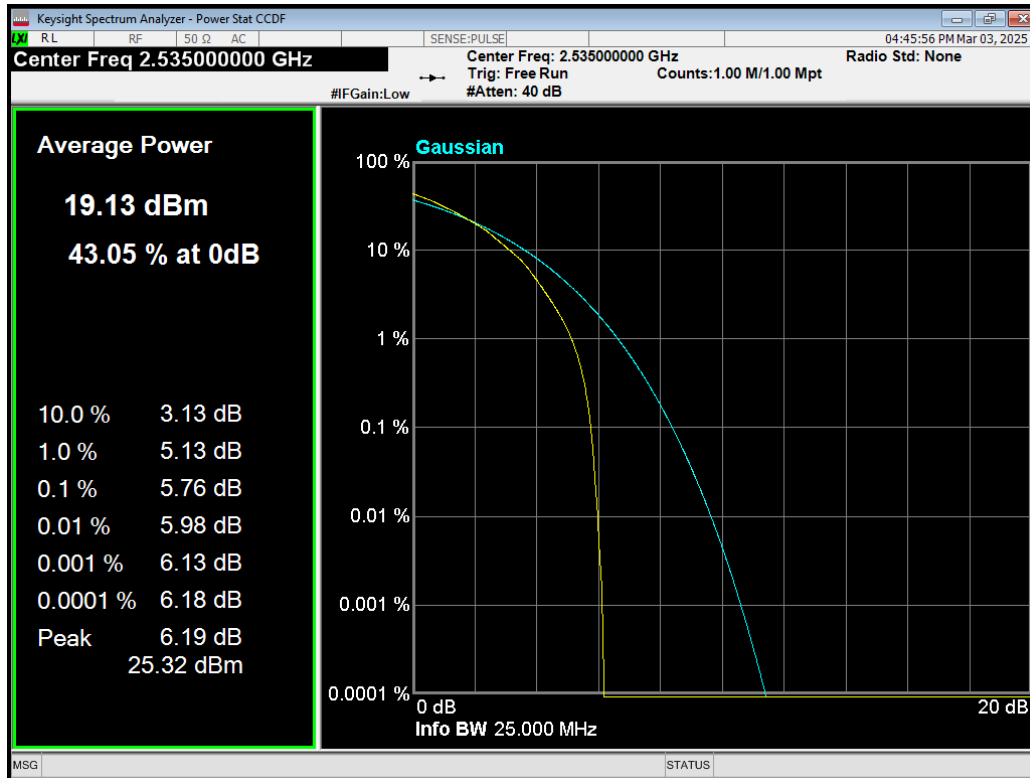
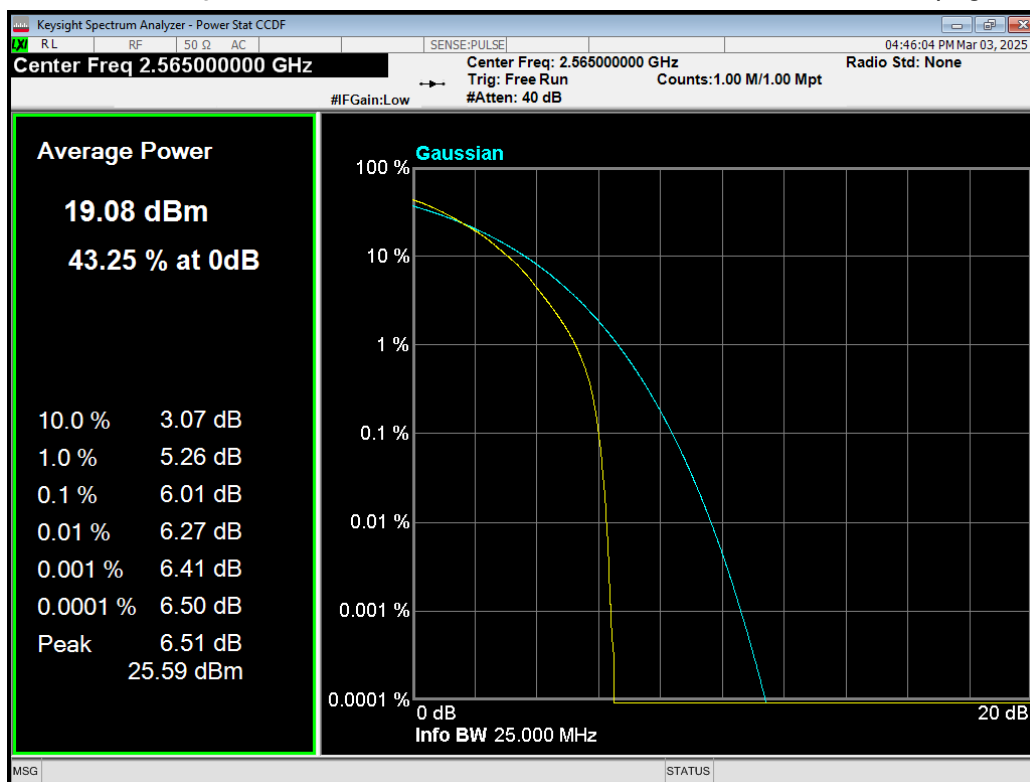
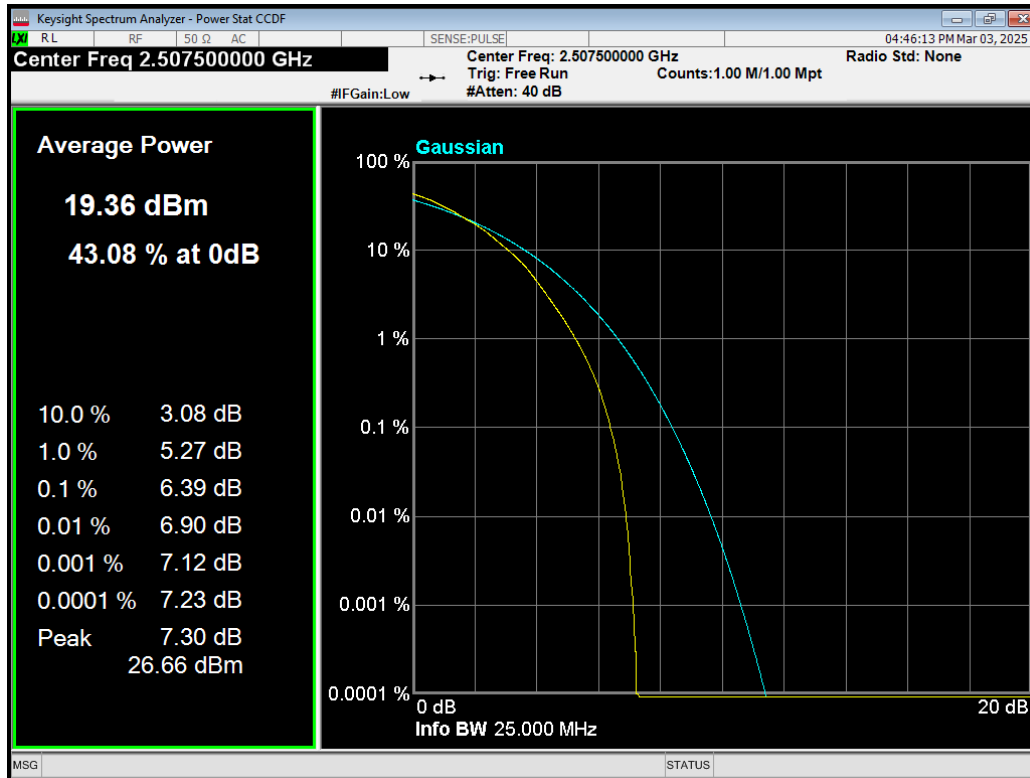




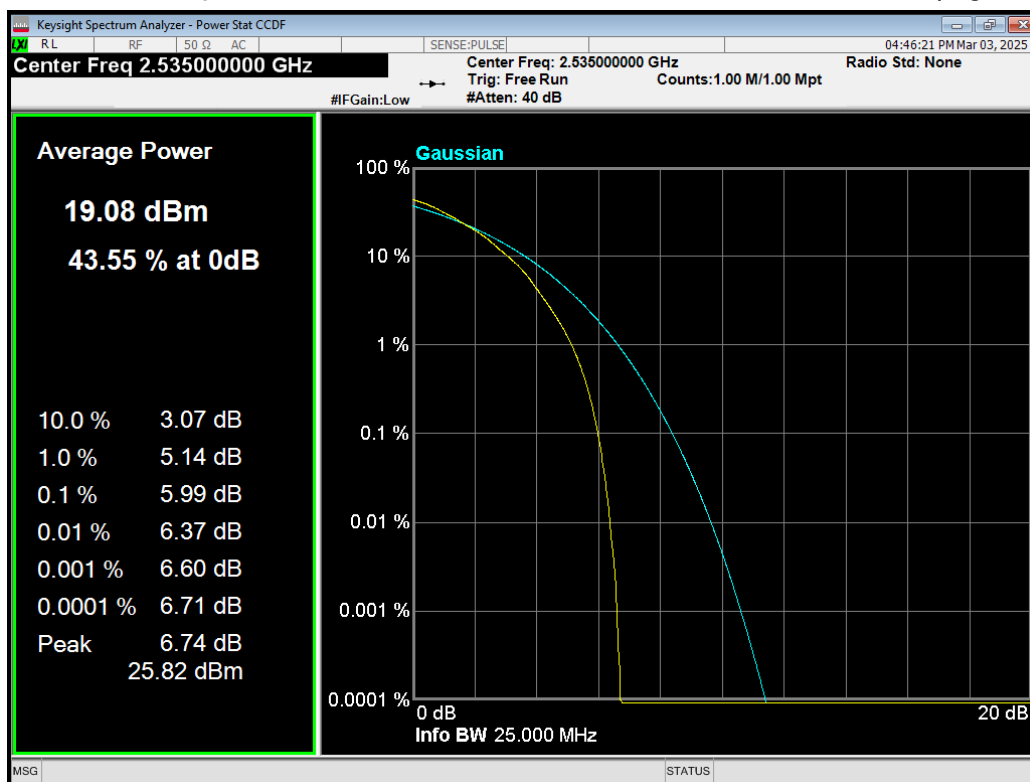
Band7 64QAM BW=10MHz Channel=21100 RB Size=50 Position=#0.png



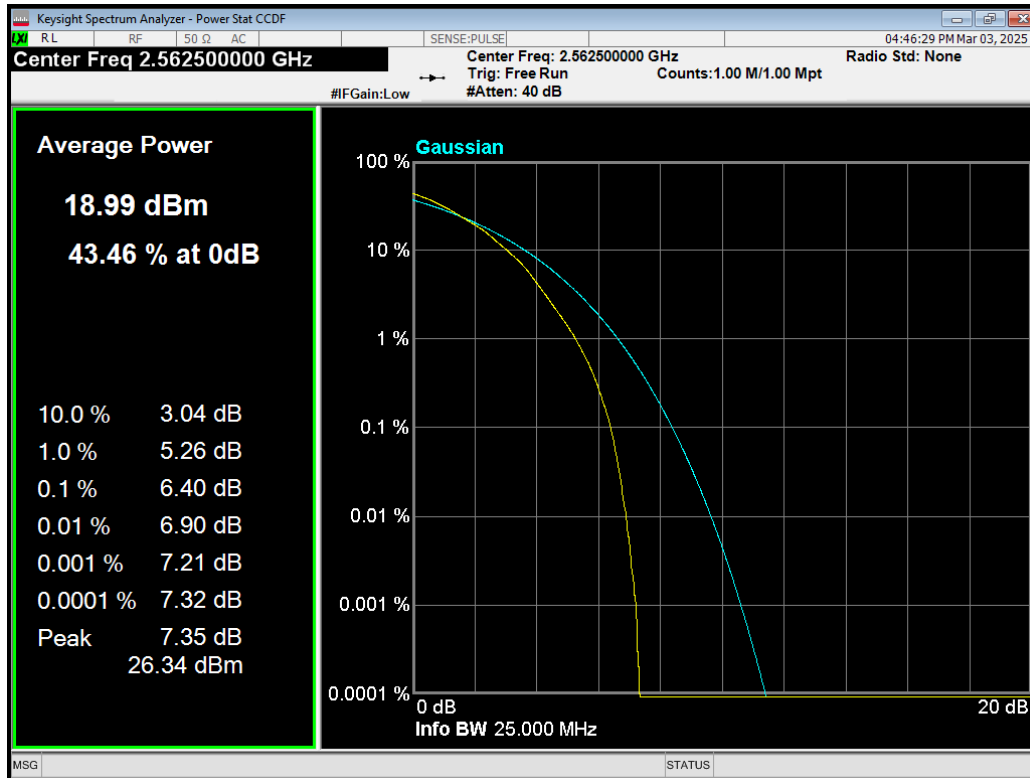
Band7 64QAM BW=10MHz Channel=21400 RB Size=50 Position=#0.png



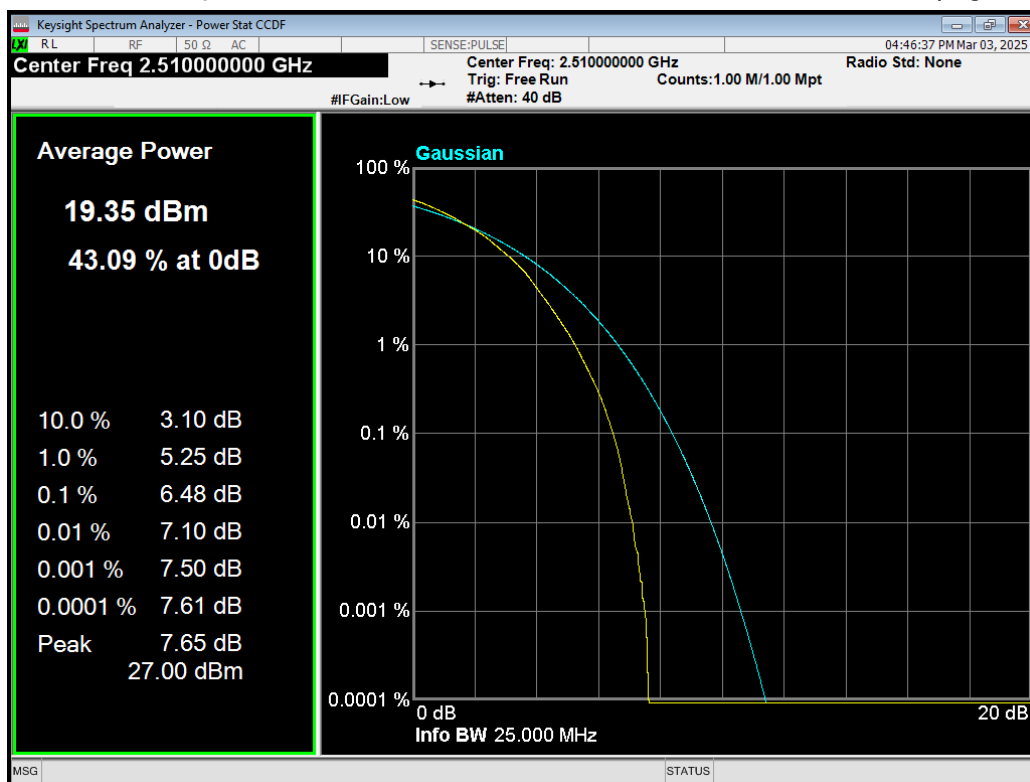
Band7 64QAM BW=15MHz Channel=20825 RB Size=75 Position=#0.png



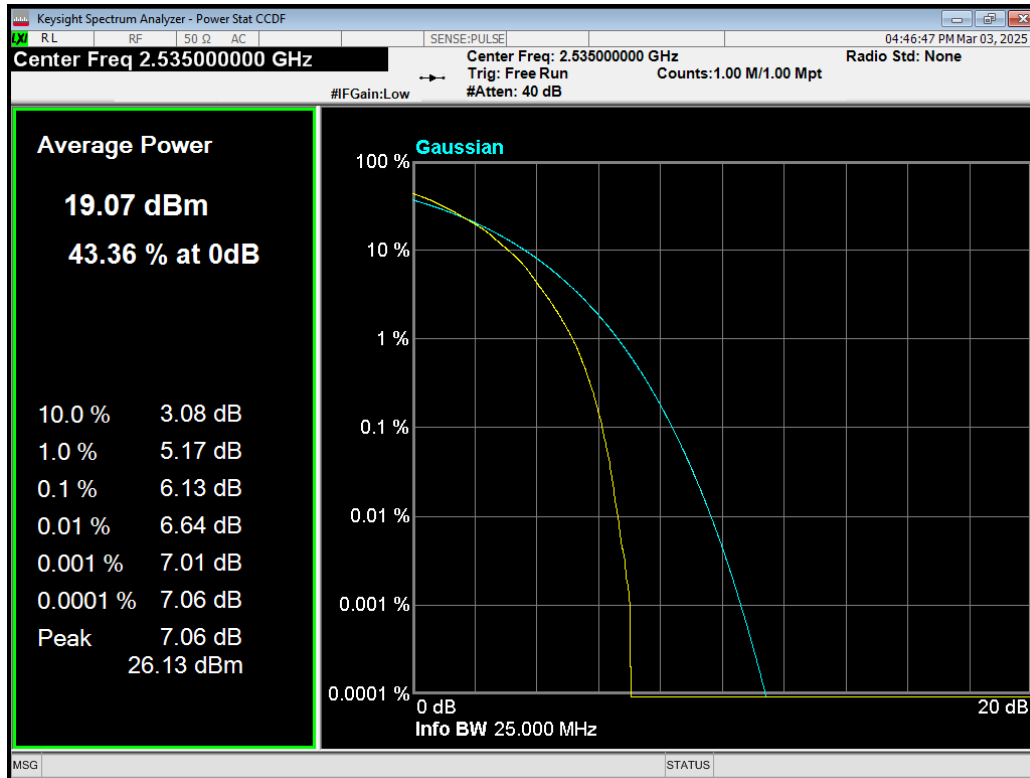
Band7 64QAM BW=15MHz Channel=21100 RB Size=75 Position=#0.png



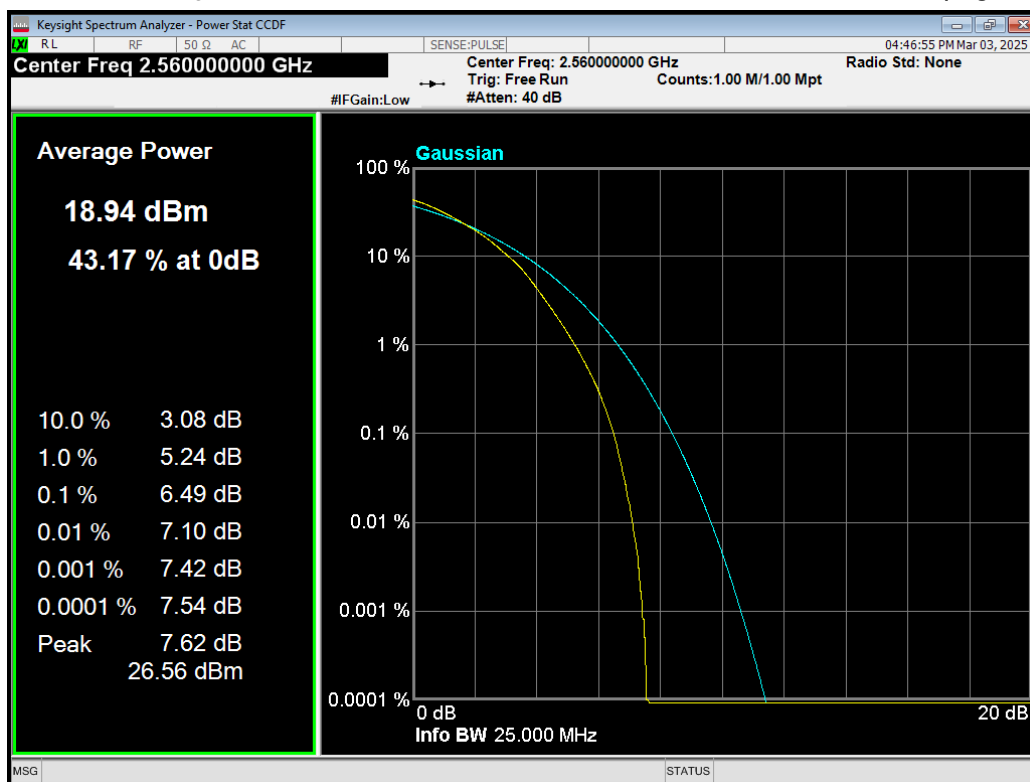
Band7 64QAM BW=15MHz Channel=21375 RB Size=75 Position=#0.png



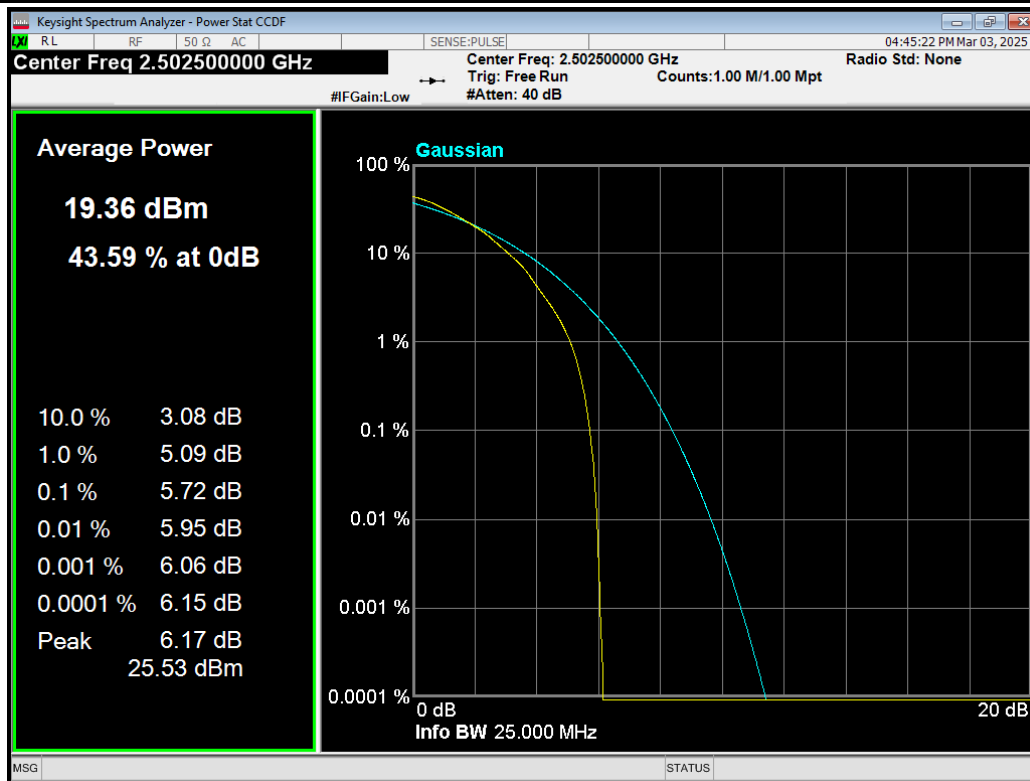
Band7 64QAM BW=20MHz Channel=20850 RB Size=100 Position=#0.png



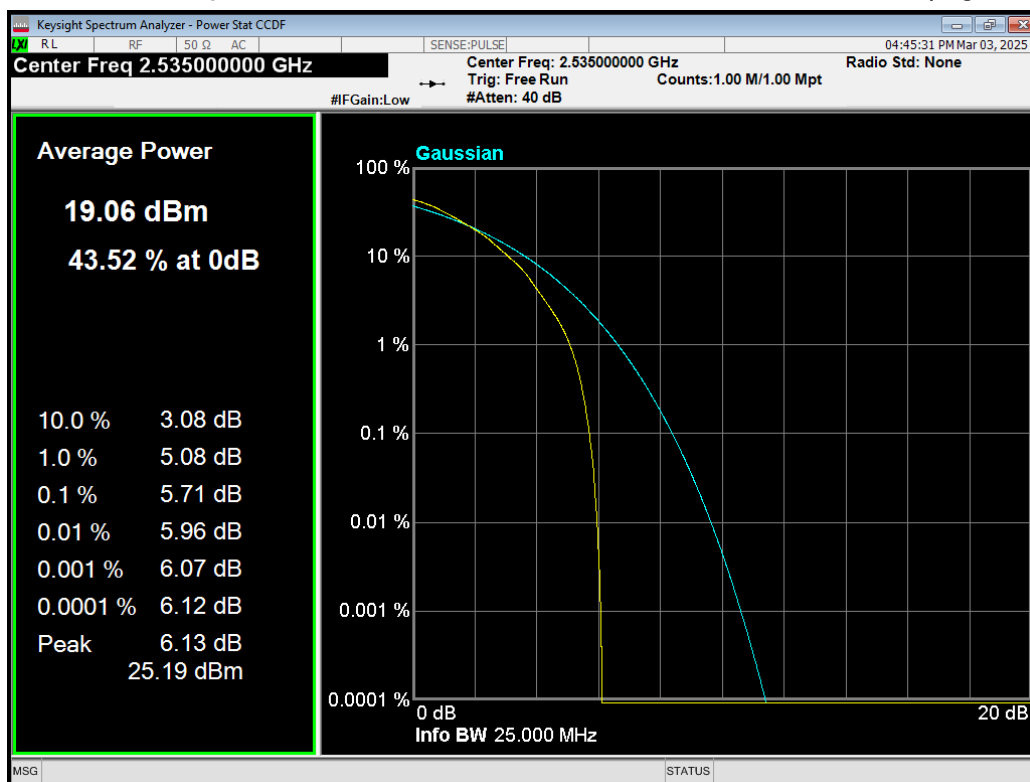
Band7 64QAM BW=20MHz Channel=21100 RB Size=100 Position=#0.png



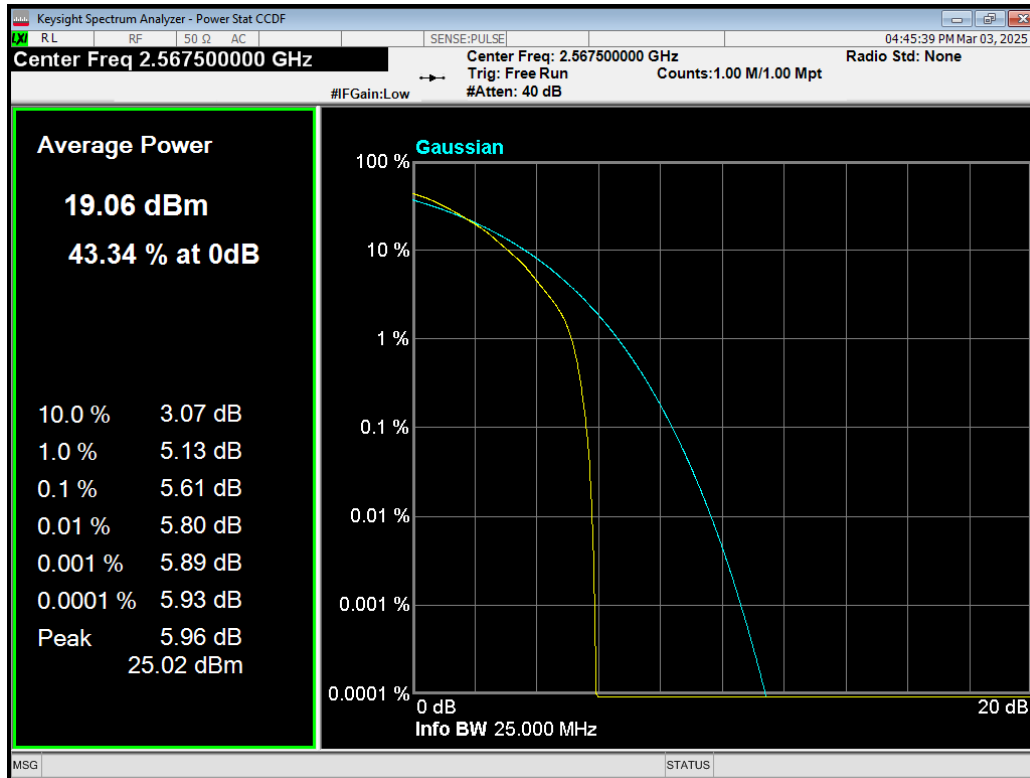
Band7 64QAM BW=20MHz Channel=21350 RB Size=100 Position=#0.png



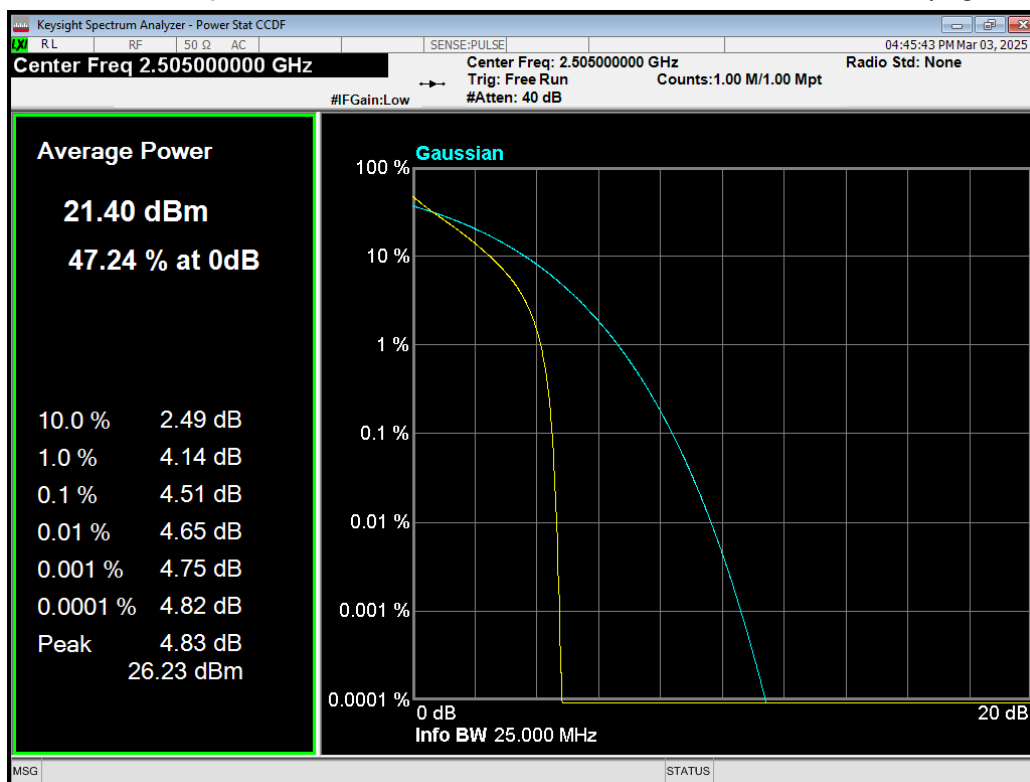
Band7 64QAM BW=5MHz Channel=20775 RB Size=25 Position=#0.png



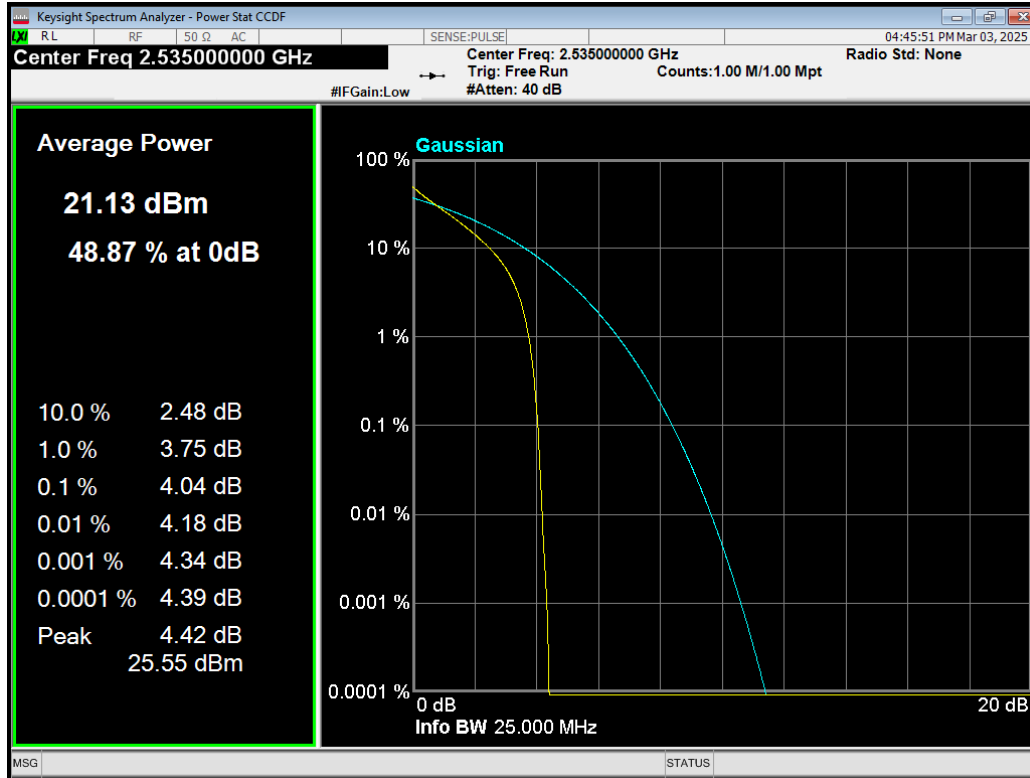
Band7 64QAM BW=5MHz Channel=21100 RB Size=25 Position=#0.png



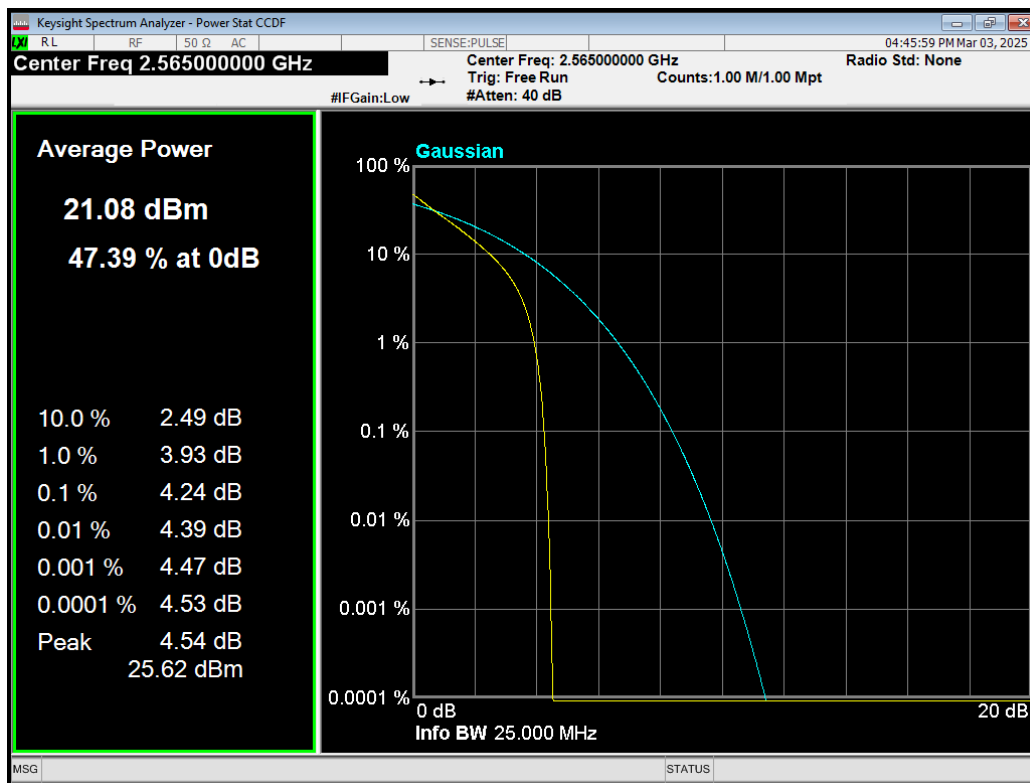
Band7 64QAM BW=5MHz Channel=21425 RB Size=25 Position=#0.png



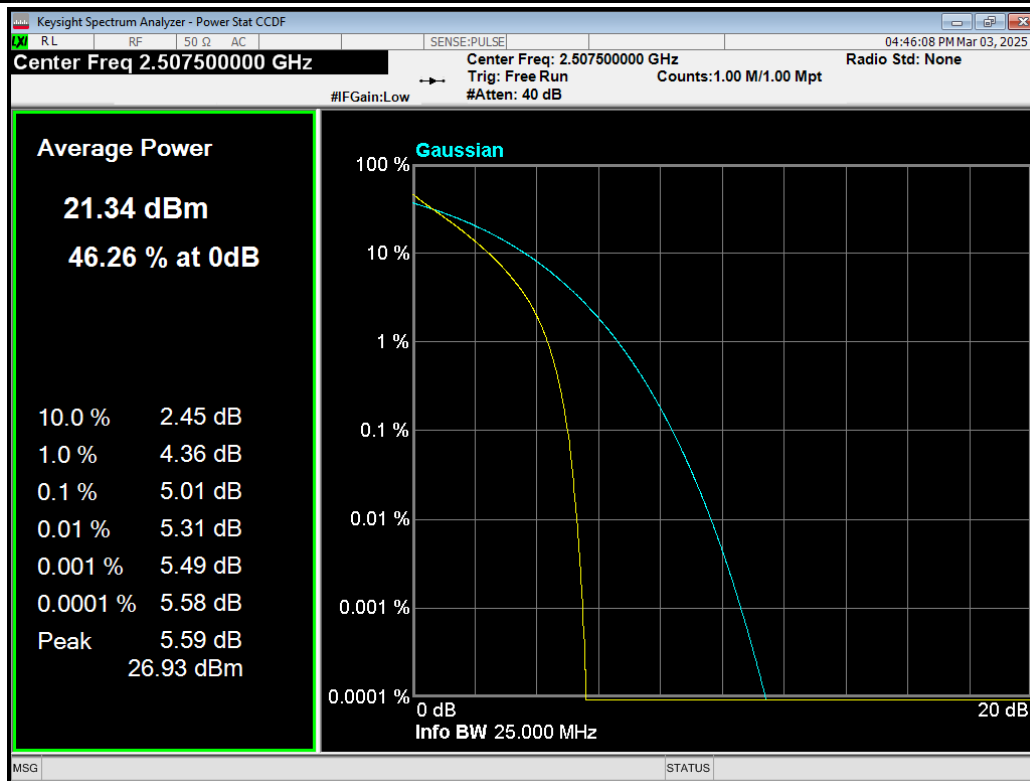
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0.png



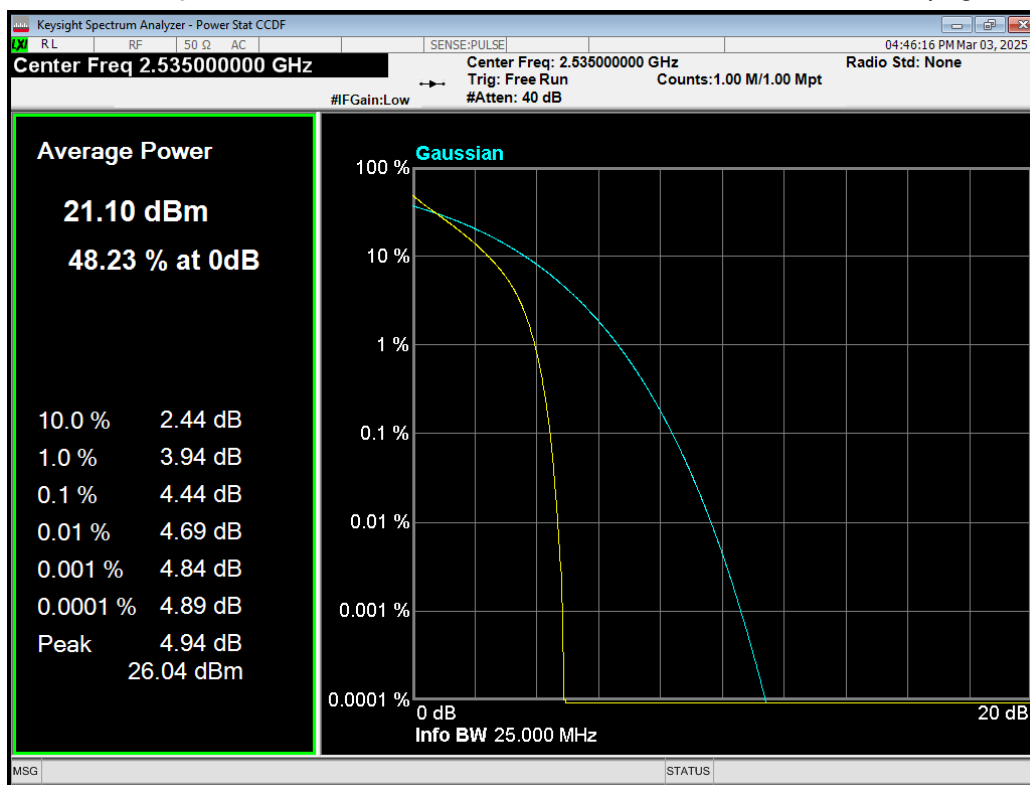
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0.png



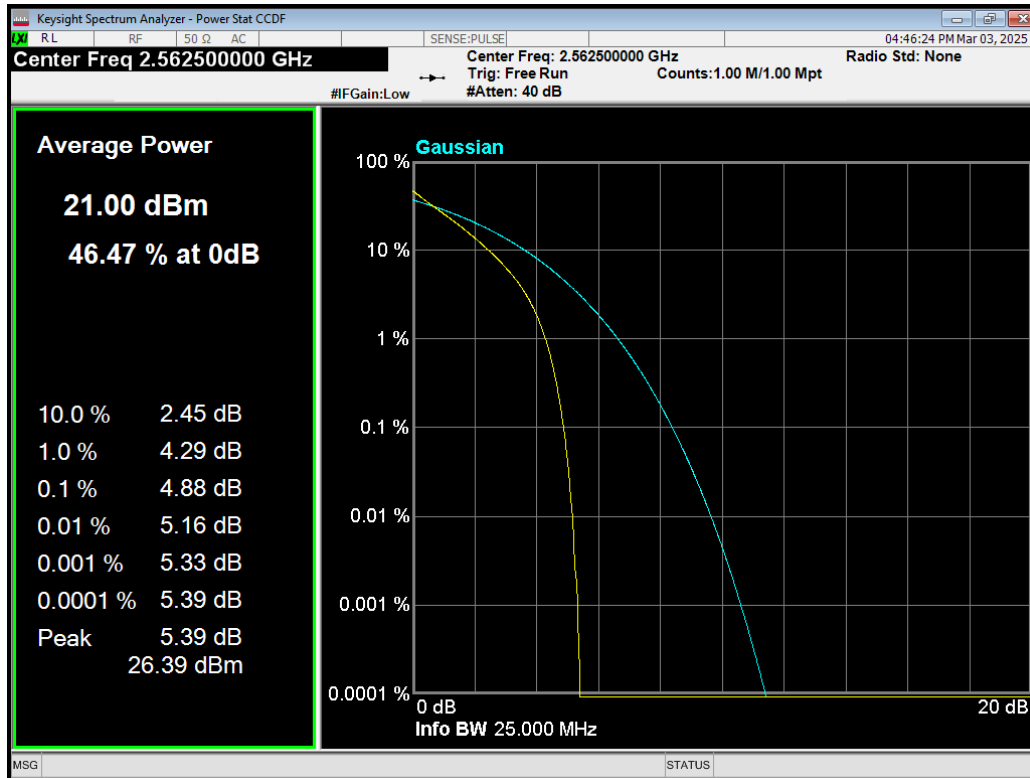
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0.png



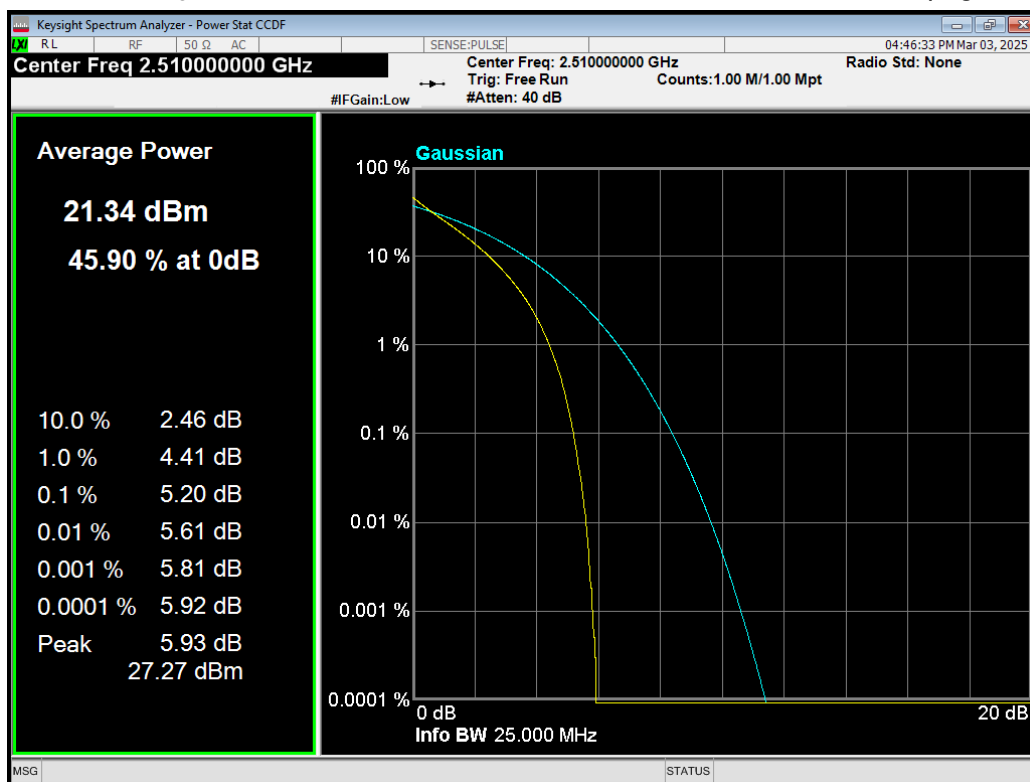
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0.png



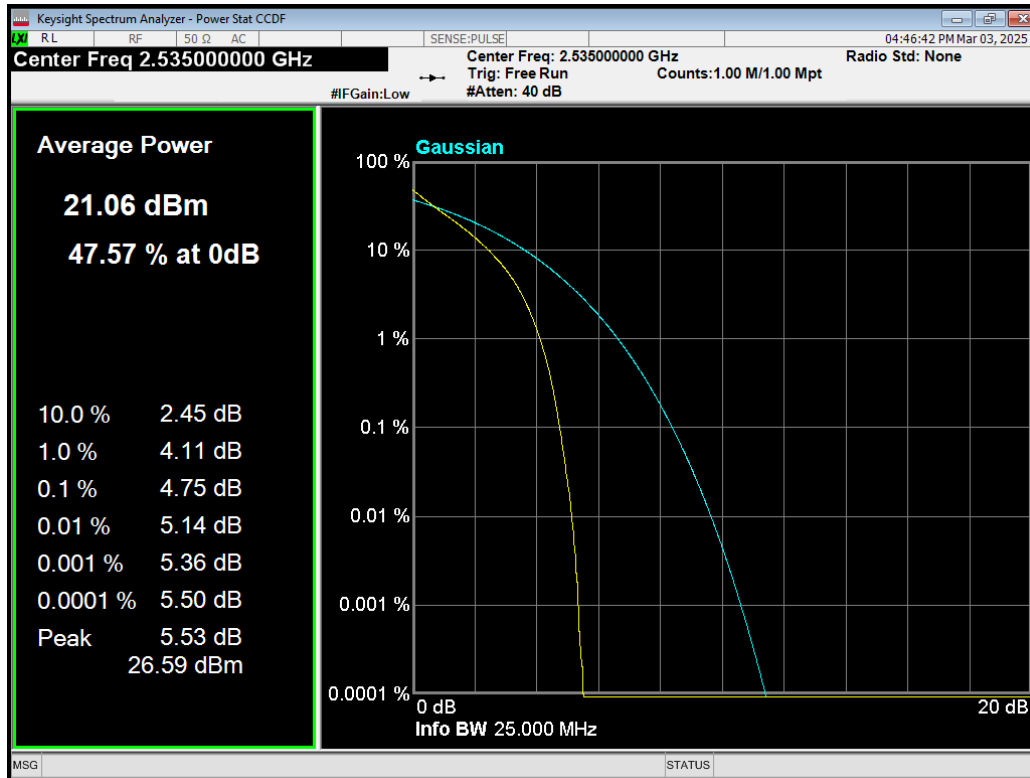
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0.png



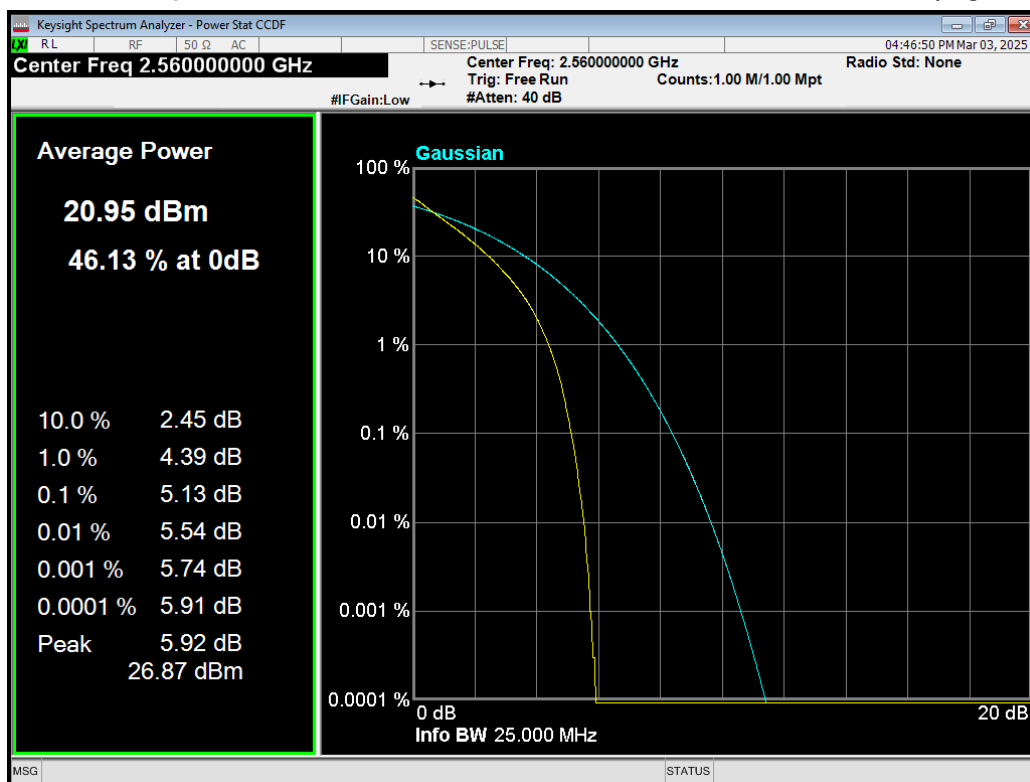
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0.png



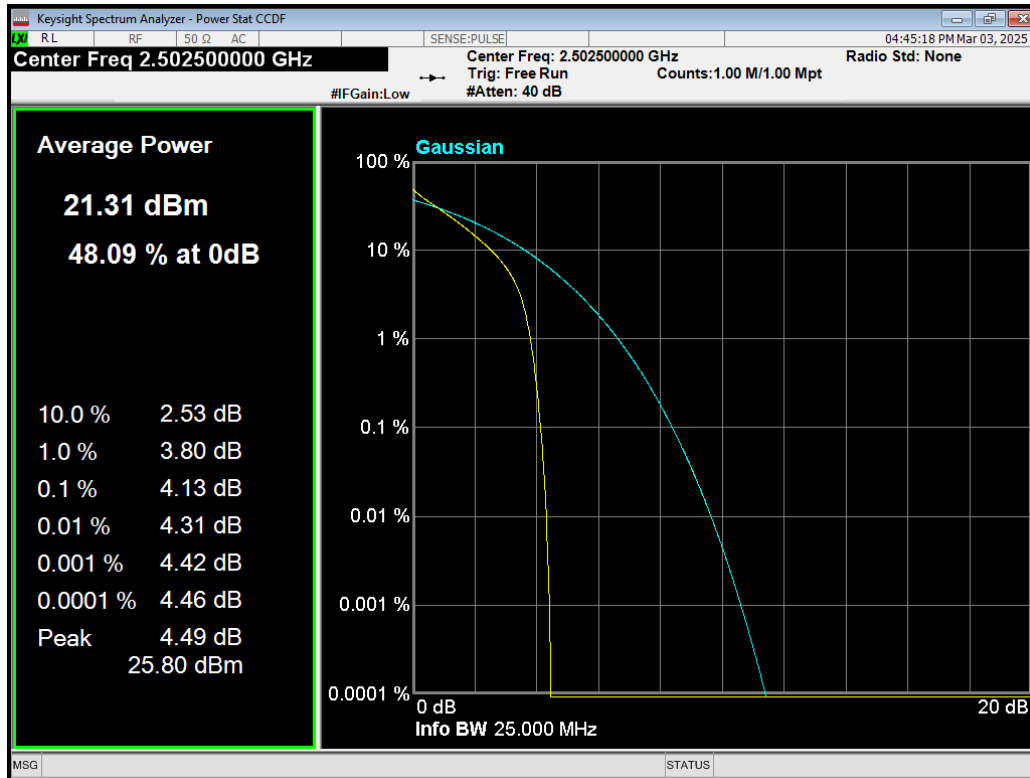
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0.png



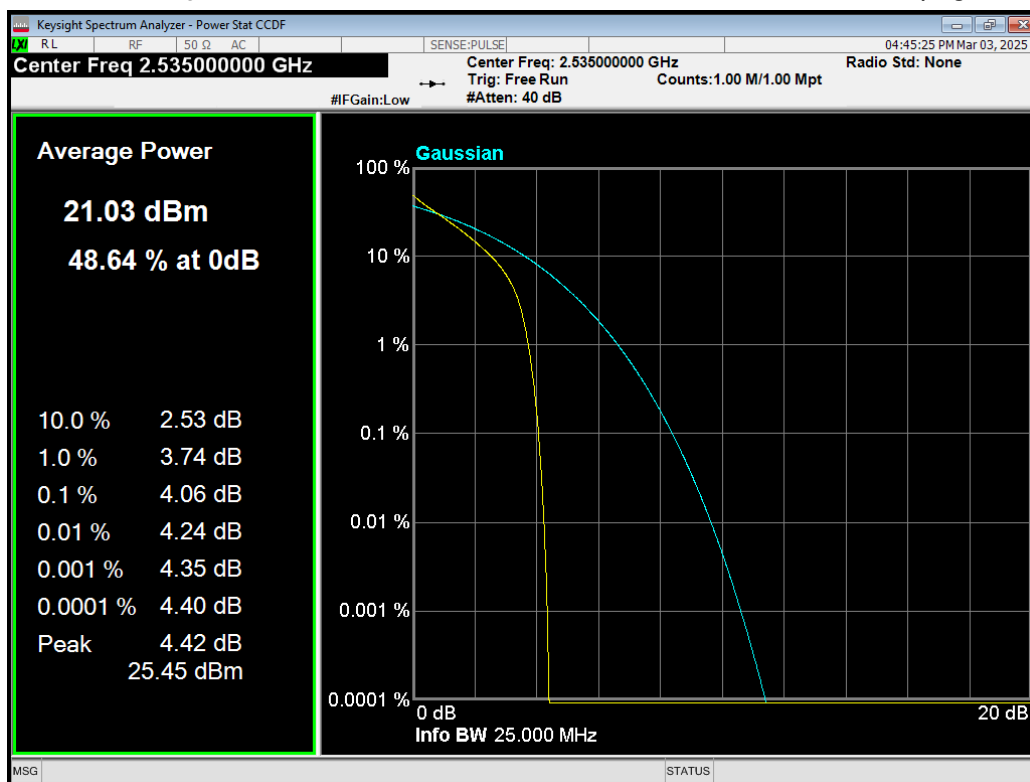
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0.png



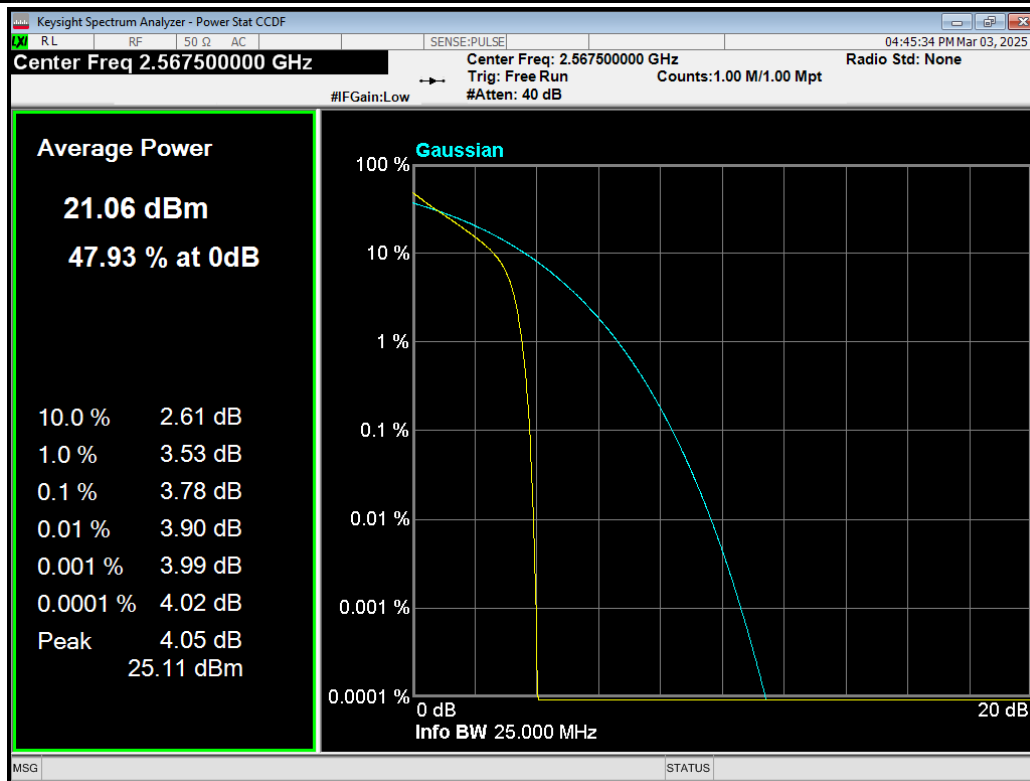
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0.png



Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0.png



Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0.png



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0.png

6.5 Frequency Stability

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	GMSK	GMSK	
GSM850	Extreme (50℃)	NV	13.25	0.01584	PASS
	Extreme (40℃)		15.06	0.01801	PASS
	Extreme (30℃)		2.81	0.00336	PASS
	Extreme (20℃)		4.79	0.00573	PASS
	Extreme (10℃)		16.18	0.01934	PASS
	Extreme (0℃)		15.95	0.01907	PASS
	Extreme (-10℃)		1.89	0.00226	PASS
	Extreme (-20℃)		17.16	0.02052	PASS
	Extreme (-30℃)		1.39	0.00166	PASS
	20℃	LV	15.23	0.01821	PASS
		HV	9.06	0.01083	PASS

	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	Temperature	Voltage	QPSK	QPSK	
WCDMA B5	Extreme (50℃)	NV	5.45	0.00651	PASS
	Extreme (40℃)		16.91	0.02022	PASS
	Extreme (30℃)		14.18	0.01695	PASS
	Extreme (20℃)		17.66	0.02111	PASS
	Extreme (10℃)		15.97	0.01909	PASS
	Extreme (0℃)		16.64	0.01990	PASS
	Extreme (-10℃)		6.10	0.00730	PASS
	Extreme (-20℃)		3.96	0.00473	PASS
	Extreme (-30℃)		10.49	0.01254	PASS
	20℃	LV	16.67	0.01993	PASS
		HV	9.44	0.01128	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		9.83	0.01176	PASS
	Extreme (40℃)		7.30	0.00873	PASS
	Extreme (30℃)		14.42	0.01723	PASS
	Extreme (20℃)		9.06	0.01083	PASS
	Extreme (10℃)		17.71	0.02117	PASS
	Extreme (0℃)		10.13	0.01211	PASS
	Extreme (-10℃)		11.84	0.01416	PASS
	Extreme (-20℃)		12.00	0.01434	PASS
	Extreme (-30℃)		4.05	0.00484	PASS
	20℃	LV	14.97	0.01790	PASS
		HV	4.39	0.00524	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		6.86	0.00820	PASS
	Extreme (40℃)		6.07	0.00726	PASS
	Extreme (30℃)		4.86	0.00581	PASS
	Extreme (20℃)		15.46	0.01849	PASS
	Extreme (10℃)		16.93	0.02024	PASS
	Extreme (0℃)		3.09	0.00369	PASS
	Extreme (-10℃)		10.86	0.01298	PASS
	Extreme (-20℃)		2.48	0.00297	PASS
	Extreme (-30℃)		2.02	0.00242	PASS
	20℃	LV	16.25	0.01942	PASS
		HV	11.94	0.01427	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		14.14	0.01690	PASS
	Extreme (40℃)		5.43	0.00650	PASS
	Extreme (30℃)		17.43	0.02083	PASS
	Extreme (20℃)		9.69	0.01158	PASS
	Extreme (10℃)		4.38	0.00523	PASS
	Extreme (0℃)		13.58	0.01623	PASS
	Extreme (-10℃)		11.97	0.01430	PASS

	Extreme (-20℃)		4.10	0.00490	PASS
	Extreme (-30℃)		3.09	0.00370	PASS
	20℃	LV	10.01	0.01196	PASS
		HV	10.81	0.01292	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)		7.13	0.00852	PASS
	Extreme (40℃)		8.13	0.00971	PASS
	Extreme (30℃)		7.41	0.00886	PASS
	Extreme (20℃)		4.00	0.00478	PASS
	Extreme (10℃)		6.75	0.00807	PASS
	Extreme (0℃)		2.43	0.00291	PASS
	Extreme (-10℃)		17.64	0.02109	PASS
	Extreme (-20℃)		15.37	0.01838	PASS
	Extreme (-30℃)		10.61	0.01268	PASS
	20℃	LV	7.25	0.00866	PASS
		HV	14.66	0.01752	PASS

BAND26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND26(824-849)	Extreme (50℃)	NV	2.35	0.00281	PASS
	Extreme (40℃)		4.36	0.00521	PASS
	Extreme (30℃)		3.37	0.00403	PASS
	Extreme (20℃)		8.41	0.01005	PASS
	Extreme (10℃)		7.01	0.00838	PASS
	Extreme (0℃)		11.19	0.01337	PASS
	Extreme (-10℃)		3.68	0.00440	PASS
	Extreme (-20℃)		6.86	0.00821	PASS
	Extreme (-30℃)		7.37	0.00881	PASS
	20℃	LV	5.57	0.00665	PASS
		HV	5.37	0.00641	PASS
BAND26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	12.78	0.01528	PASS
	Extreme (40℃)		7.62	0.00911	PASS
	Extreme (30℃)		6.64	0.00793	PASS
	Extreme (20℃)		11.97	0.01431	PASS
	Extreme (10℃)		8.69	0.01039	PASS
	Extreme (0℃)		8.02	0.00958	PASS
	Extreme (-10℃)		17.51	0.02093	PASS
	Extreme (-20℃)		8.22	0.00983	PASS
	Extreme (-30℃)		3.01	0.00360	PASS
	20℃	LV	10.41	0.01245	PASS
		HV	15.14	0.01810	PASS
BAND26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	11.13	0.01331	PASS
	Extreme (40℃)		11.61	0.01387	PASS
	Extreme (30℃)		12.63	0.01510	PASS
	Extreme (20℃)		3.22	0.00385	PASS
	Extreme (10℃)		5.80	0.00694	PASS
	Extreme (0℃)		3.17	0.00379	PASS

	Extreme (-10℃)		15.52	0.01855	PASS
	Extreme (-20℃)		11.98	0.01432	PASS
	Extreme (-30℃)		1.52	0.00182	PASS
	20℃	LV	5.99	0.00716	PASS
		HV	8.48	0.01014	PASS
BAND26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	6.34	0.00758	PASS
	Extreme (40℃)		17.54	0.02097	PASS
	Extreme (30℃)		13.50	0.01613	PASS
	Extreme (20℃)		14.08	0.01683	PASS
	Extreme (10℃)		16.68	0.01994	PASS
	Extreme (0℃)		8.40	0.01004	PASS
	Extreme (-10℃)		8.65	0.01034	PASS
	Extreme (-20℃)		14.18	0.01695	PASS
	Extreme (-30℃)		1.58	0.00189	PASS
	20℃	LV	10.66	0.01275	PASS
		HV	1.45	0.00173	PASS
BAND26(824-849)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	6.80	0.00813	PASS
	Extreme (40℃)		12.36	0.01477	PASS
	Extreme (30℃)		12.60	0.01506	PASS
	Extreme (20℃)		11.30	0.01351	PASS
	Extreme (10℃)		3.83	0.00458	PASS
	Extreme (0℃)		13.76	0.01645	PASS
	Extreme (-10℃)		2.03	0.00243	PASS
	Extreme (-20℃)		15.04	0.01798	PASS
	Extreme (-30℃)		3.75	0.00448	PASS
	20℃	LV	14.06	0.01680	PASS
		HV	12.70	0.01518	PASS

BAND26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Extreme (50℃)	NV	4.12	0.00503	PASS

	Extreme (40℃)		9.61	0.01174	PASS
	Extreme (30℃)		4.28	0.00523	PASS
	Extreme (20℃)		16.07	0.01962	PASS
	Extreme (10℃)		11.69	0.01427	PASS
	Extreme (0℃)		11.85	0.01447	PASS
	Extreme (-10℃)		14.14	0.01726	PASS
	Extreme (-20℃)		8.24	0.01006	PASS
	Extreme (-30℃)		9.48	0.01157	PASS
	20℃	LV	16.99	0.02075	PASS
		HV	10.68	0.01305	PASS
BAND26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	9.20	0.01123	PASS
	Extreme (40℃)		1.48	0.00181	PASS
	Extreme (30℃)		13.20	0.01611	PASS
	Extreme (20℃)		14.42	0.01761	PASS
	Extreme (10℃)		10.10	0.01234	PASS
	Extreme (0℃)		10.13	0.01236	PASS
	Extreme (-10℃)		9.51	0.01162	PASS
	Extreme (-20℃)		7.45	0.00910	PASS
	Extreme (-30℃)		12.52	0.01529	PASS
	20℃	LV	7.43	0.00907	PASS
		HV	8.07	0.00986	PASS
BAND26(814-824)	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	10.90	0.01331	PASS
	Extreme (40℃)		10.32	0.01260	PASS
	Extreme (30℃)		6.33	0.00773	PASS
	Extreme (20℃)		8.24	0.01006	PASS
	Extreme (10℃)		7.58	0.00925	PASS
	Extreme (0℃)		14.67	0.01791	PASS
	Extreme (-10℃)		7.96	0.00971	PASS
	Extreme (-20℃)		8.13	0.00993	PASS
	Extreme (-30℃)		1.76	0.00215	PASS
	20℃	LV	16.99	0.02074	PASS
		HV	6.95	0.00849	PASS
BAND26(814-824)	Condition		Freq.Error	Frequency	Verdict

	BANDWIDTH	10MHz	(Hz)	Stability (ppm)	
	Temperature	Voltage	QPSK	QPSK	
	Extreme (50℃)	NV	2.24	0.00274	PASS
	Extreme (40℃)		15.93	0.01945	PASS
	Extreme (30℃)		3.31	0.00404	PASS
	Extreme (20℃)		1.96	0.00239	PASS
	Extreme (10℃)		2.26	0.00276	PASS
	Extreme (0℃)		4.10	0.00501	PASS
	Extreme (-10℃)		1.79	0.00219	PASS
	Extreme (-20℃)		1.93	0.00236	PASS
	Extreme (-30℃)		16.21	0.01979	PASS
	20℃	LV	10.10	0.01233	PASS
		HV	13.83	0.01689	PASS

GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.2	BANDWIDTH	0.2MHz	GMSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.064	1850.336	1850-1910	PASS
	Extreme (40℃)		1850.073	1850.327	1850-1910	PASS
	Extreme (30℃)		1850.061	1850.339	1850-1910	PASS
	Extreme (20℃)		1850.068	1850.332	1850-1910	PASS
	Extreme (10℃)		1850.071	1850.329	1850-1910	PASS
	Extreme (0℃)		1850.075	1850.325	1850-1910	PASS
	Extreme (-10℃)		1850.076	1850.324	1850-1910	PASS
	Extreme (-20℃)		1850.062	1850.338	1850-1910	PASS
	Extreme (-30℃)		1850.071	1850.329	1850-1910	PASS
	20℃	LV	1850.066	1850.334	1850-1910	PASS
		HV	1850.065	1850.335	1850-1910	PASS
GSM1900 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.8	BANDWIDTH	0.2MHz	GMSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1909.663	1909.937	1850-1910	PASS
	Extreme (40℃)		1909.671	1909.929	1850-1910	PASS
	Extreme (30℃)		1909.677	1909.923	1850-1910	PASS
	Extreme (20℃)		1909.668	1909.932	1850-1910	PASS
	Extreme (10℃)		1909.679	1909.921	1850-1910	PASS
	Extreme (0℃)		1909.665	1909.935	1850-1910	PASS

	Extreme (-10℃)		1909.671	1909.929	1850-1910	PASS
	Extreme (-20℃)		1909.674	1909.926	1850-1910	PASS
	Extreme (-30℃)		1909.679	1909.921	1850-1910	PASS
	20℃	LV	1909.661	1909.939	1850-1910	PASS
		HV	1909.667	1909.933	1850-1910	PASS

WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.4	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.320	1854.480	1850-1910	PASS
	Extreme (40℃)		1850.317	1854.483	1850-1910	PASS
	Extreme (30℃)		1850.329	1854.471	1850-1910	PASS
	Extreme (20℃)		1850.328	1854.472	1850-1910	PASS
	Extreme (10℃)		1850.328	1854.472	1850-1910	PASS
	Extreme (0℃)		1850.328	1854.472	1850-1910	PASS
	Extreme (-10℃)		1850.328	1854.472	1850-1910	PASS
	Extreme (-20℃)		1850.323	1854.477	1850-1910	PASS
	Extreme (-30℃)		1850.315	1854.485	1850-1910	PASS
	20℃	LV	1850.329	1854.471	1850-1910	PASS
		HV	1850.319	1854.481	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.4	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.326	1714.474	1710-1755	PASS
	Extreme (40℃)		1710.328	1714.472	1710-1755	PASS
	Extreme (30℃)		1710.328	1714.472	1710-1755	PASS
	Extreme (20℃)		1710.326	1714.474	1710-1755	PASS
	Extreme (10℃)		1710.327	1714.473	1710-1755	PASS
	Extreme (0℃)		1710.320	1714.480	1710-1755	PASS
	Extreme (-10℃)		1710.320	1714.480	1710-1755	PASS
	Extreme (-20℃)		1710.321	1714.479	1710-1755	PASS
	Extreme (-30℃)		1710.326	1714.474	1710-1755	PASS
	20℃	LV	1710.320	1714.480	1710-1755	PASS
		HV	1710.323	1714.477	1710-1755	PASS
WCDMA B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.6	BANDWIDTH	5MHz				

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	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.516	1909.684	1850-1910	PASS
	Extreme (40℃)		1905.527	1909.673	1850-1910	PASS
	Extreme (30℃)		1905.526	1909.674	1850-1910	PASS
	Extreme (20℃)		1905.528	1909.672	1850-1910	PASS
	Extreme (10℃)		1905.519	1909.681	1850-1910	PASS
	Extreme (0℃)		1905.525	1909.675	1850-1910	PASS
	Extreme (-10℃)		1905.529	1909.671	1850-1910	PASS
	Extreme (-20℃)		1905.517	1909.683	1850-1910	PASS
	Extreme (-30℃)		1905.527	1909.673	1850-1910	PASS
	20℃	LV	1905.522	1909.678	1850-1910	PASS
		HV	1905.518	1909.682	1850-1910	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.524	1754.676	1710-1755	PASS
	Extreme (40℃)		1750.530	1754.670	1710-1755	PASS
	Extreme (30℃)		1750.518	1754.682	1710-1755	PASS
	Extreme (20℃)		1750.517	1754.683	1710-1755	PASS
	Extreme (10℃)		1750.519	1754.681	1710-1755	PASS
	Extreme (0℃)		1750.524	1754.676	1710-1755	PASS
	Extreme (-10℃)		1750.519	1754.681	1710-1755	PASS
	Extreme (-20℃)		1750.523	1754.677	1710-1755	PASS
	Extreme (-30℃)		1750.519	1754.681	1710-1755	PASS
	20℃	LV	1750.517	1754.683	1710-1755	PASS
HV		1750.520	1754.680	1710-1755	PASS	

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.147	1851.253	1850-1910	PASS
	Extreme (40℃)		1850.150	1851.250	1850-1910	PASS
	Extreme (30℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (20℃)		1850.146	1851.254	1850-1910	PASS
	Extreme (10℃)		1850.149	1851.251	1850-1910	PASS
	Extreme (0℃)		1850.147	1851.253	1850-1910	PASS
	Extreme (-10℃)		1850.148	1851.252	1850-1910	PASS
	Extreme (-20℃)		1850.145	1851.255	1850-1910	PASS
	Extreme (-30℃)		1850.148	1851.252	1850-1910	PASS
	20℃	LV	1850.148	1851.252	1850-1910	PASS
		HV	1850.148	1851.252	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.147	1852.853	1850-1910	PASS
	Extreme (40℃)		1850.146	1852.854	1850-1910	PASS
	Extreme (30℃)		1850.150	1852.850	1850-1910	PASS
	Extreme (20℃)		1850.145	1852.855	1850-1910	PASS
	Extreme (10℃)		1850.147	1852.853	1850-1910	PASS
	Extreme (0℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (-10℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (-20℃)		1850.148	1852.852	1850-1910	PASS
	Extreme (-30℃)		1850.150	1852.850	1850-1910	PASS
	20℃	LV	1850.147	1852.853	1850-1910	PASS
		HV	1850.147	1852.853	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz	QPSK	QPSK	1850-1910	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.295	1854.705	1850-1910	PASS
	Extreme (40℃)		1850.211	1854.789	1850-1910	PASS
	Extreme (30℃)		1850.297	1854.703	1850-1910	PASS
	Extreme (20℃)		1850.234	1854.766	1850-1910	PASS
	Extreme (10℃)		1850.232	1854.768	1850-1910	PASS
	Extreme (0℃)		1850.256	1854.744	1850-1910	PASS

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	Extreme (-10℃)			1850.249	1854.751	1850-1910	PASS
	Extreme (-20℃)			1850.212	1854.788	1850-1910	PASS
	Extreme (-30℃)			1850.219	1854.781	1850-1910	PASS
	20℃	LV	1850.214	1854.786	1850-1910	PASS	
		HV	1850.267	1854.733	1850-1910	PASS	
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz	QPSK				
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1850.577	1859.423	1850-1910	PASS	
	Extreme (40℃)		1850.516	1859.484	1850-1910	PASS	
	Extreme (30℃)		1850.611	1859.389	1850-1910	PASS	
	Extreme (20℃)		1850.536	1859.464	1850-1910	PASS	
	Extreme (10℃)		1850.597	1859.403	1850-1910	PASS	
	Extreme (0℃)		1850.595	1859.405	1850-1910	PASS	
	Extreme (-10℃)		1850.500	1859.500	1850-1910	PASS	
	Extreme (-20℃)		1850.609	1859.391	1850-1910	PASS	
	Extreme (-30℃)		1850.517	1859.483	1850-1910	PASS	
	20℃	LV	1850.548	1859.452	1850-1910	PASS	
		HV	1850.542	1859.458	1850-1910	PASS	
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz	QPSK				
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1850.784	1864.216	1850-1910	PASS	
	Extreme (40℃)		1850.735	1864.265	1850-1910	PASS	
	Extreme (30℃)		1850.783	1864.217	1850-1910	PASS	
	Extreme (20℃)		1850.727	1864.273	1850-1910	PASS	
	Extreme (10℃)		1850.800	1864.200	1850-1910	PASS	
	Extreme (0℃)		1850.705	1864.295	1850-1910	PASS	
	Extreme (-10℃)		1850.704	1864.296	1850-1910	PASS	
	Extreme (-20℃)		1850.767	1864.233	1850-1910	PASS	
	Extreme (-30℃)		1850.746	1864.254	1850-1910	PASS	
	20℃	LV	1850.718	1864.282	1850-1910	PASS	
		HV	1850.719	1864.281	1850-1910	PASS	
LTE B2 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz	QPSK				
	Temperature	Voltage	QPSK				
	Extreme (50℃)	NV	1851.019	1868.981	1850-1910	PASS	
	Extreme (40℃)		1851.039	1868.961	1850-1910	PASS	

	Extreme (30℃)		1851.049	1868.951	1850-1910	PASS
	Extreme (20℃)		1851.019	1868.981	1850-1910	PASS
	Extreme (10℃)		1851.020	1868.980	1850-1910	PASS
	Extreme (0℃)		1851.002	1868.998	1850-1910	PASS
	Extreme (-10℃)		1851.047	1868.953	1850-1910	PASS
	Extreme (-20℃)		1851.040	1868.960	1850-1910	PASS
	Extreme (-30℃)		1851.020	1868.980	1850-1910	PASS
	20℃	LV	1851.013	1868.987	1850-1910	PASS
		HV	1851.008	1868.992	1850-1910	PASS

LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1909.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1908.745	1909.855	1850-1910	PASS
	Extreme (40℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (30℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (20℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (10℃)		1908.746	1909.854	1850-1910	PASS
	Extreme (0℃)		1908.749	1909.851	1850-1910	PASS
	Extreme (-10℃)		1908.748	1909.852	1850-1910	PASS
	Extreme (-20℃)		1908.745	1909.855	1850-1910	PASS
	Extreme (-30℃)		1908.750	1909.850	1850-1910	PASS
	20℃	LV	1908.748	1909.852	1850-1910	PASS
		HV	1908.748	1909.852	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1908.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1907.146	1909.854	1850-1910	PASS
	Extreme (40℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (30℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (20℃)		1907.146	1909.854	1850-1910	PASS
	Extreme (10℃)		1907.148	1909.852	1850-1910	PASS
	Extreme (0℃)		1907.150	1909.850	1850-1910	PASS
	Extreme (-10℃)		1907.147	1909.853	1850-1910	PASS
	Extreme (-20℃)		1907.150	1909.850	1850-1910	PASS
	Extreme (-30℃)		1907.149	1909.851	1850-1910	PASS
	20℃	LV	1907.146	1909.854	1850-1910	PASS
		HV	1907.150	1909.850	1850-1910	PASS

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LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1905.264	1909.736	1850-1910	PASS
	Extreme (40℃)		1905.243	1909.757	1850-1910	PASS
	Extreme (30℃)		1905.218	1909.782	1850-1910	PASS
	Extreme (20℃)		1905.209	1909.791	1850-1910	PASS
	Extreme (10℃)		1905.245	1909.755	1850-1910	PASS
	Extreme (0℃)		1905.231	1909.769	1850-1910	PASS
	Extreme (-10℃)		1905.218	1909.782	1850-1910	PASS
	Extreme (-20℃)		1905.276	1909.724	1850-1910	PASS
	Extreme (-30℃)		1905.276	1909.724	1850-1910	PASS
	20℃	LV	1905.260	1909.740	1850-1910	PASS
		HV	1905.283	1909.717	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1900.547	1909.453	1850-1910	PASS
	Extreme (40℃)		1900.514	1909.486	1850-1910	PASS
	Extreme (30℃)		1900.509	1909.491	1850-1910	PASS
	Extreme (20℃)		1900.562	1909.438	1850-1910	PASS
	Extreme (10℃)		1900.567	1909.433	1850-1910	PASS
	Extreme (0℃)		1900.509	1909.491	1850-1910	PASS
	Extreme (-10℃)		1900.604	1909.396	1850-1910	PASS
	Extreme (-20℃)		1900.548	1909.452	1850-1910	PASS
	Extreme (-30℃)		1900.512	1909.488	1850-1910	PASS
	20℃	LV	1900.557	1909.443	1850-1910	PASS
		HV	1900.589	1909.411	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1902.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1895.720	1909.280	1850-1910	PASS
	Extreme (40℃)		1895.786	1909.214	1850-1910	PASS
	Extreme (30℃)		1895.724	1909.276	1850-1910	PASS
	Extreme (20℃)		1895.705	1909.295	1850-1910	PASS
	Extreme (10℃)		1895.794	1909.206	1850-1910	PASS
	Extreme (0℃)		1895.782	1909.218	1850-1910	PASS
	Extreme (-10℃)		1895.760	1909.240	1850-1910	PASS

	Extreme (-20℃)		1895.751	1909.249	1850-1910	PASS
	Extreme (-30℃)		1895.724	1909.276	1850-1910	PASS
	20℃	LV	1895.719	1909.281	1850-1910	PASS
		HV	1895.754	1909.246	1850-1910	PASS
LTE B2 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1900	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1890.921	1909.079	1850-1910	PASS
	Extreme (40℃)		1890.980	1909.020	1850-1910	PASS
	Extreme (30℃)		1890.994	1909.006	1850-1910	PASS
	Extreme (20℃)		1890.977	1909.023	1850-1910	PASS
	Extreme (10℃)		1890.902	1909.098	1850-1910	PASS
	Extreme (0℃)		1890.997	1909.003	1850-1910	PASS
	Extreme (-10℃)		1890.929	1909.071	1850-1910	PASS
	Extreme (-20℃)		1890.906	1909.094	1850-1910	PASS
	Extreme (-30℃)		1890.959	1909.041	1850-1910	PASS
	20℃	LV	1890.944	1909.056	1850-1910	PASS
		HV	1890.927	1909.073	1850-1910	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.149	1711.251	1710-1755	PASS
	Extreme (40℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (30℃)		1710.145	1711.255	1710-1755	PASS
	Extreme (20℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (10℃)		1710.150	1711.250	1710-1755	PASS
	Extreme (0℃)		1710.149	1711.251	1710-1755	PASS
	Extreme (-10℃)		1710.148	1711.252	1710-1755	PASS
	Extreme (-20℃)		1710.147	1711.253	1710-1755	PASS
	Extreme (-30℃)		1710.145	1711.255	1710-1755	PASS
	20℃	LV	1710.148	1711.252	1710-1755	PASS
		HV	1710.145	1711.255	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1710.149	1712.851	1710-1755	PASS
	Extreme (40℃)		1710.147	1712.853	1710-1755	PASS

	Extreme (30℃)		1710.145	1712.855	1710-1755	PASS
	Extreme (20℃)		1710.150	1712.850	1710-1755	PASS
	Extreme (10℃)		1710.149	1712.851	1710-1755	PASS
	Extreme (0℃)		1710.145	1712.855	1710-1755	PASS
	Extreme (-10℃)		1710.146	1712.854	1710-1755	PASS
	Extreme (-20℃)		1710.146	1712.854	1710-1755	PASS
	Extreme (-30℃)		1710.147	1712.853	1710-1755	PASS
	20℃	LV	1710.146	1712.854	1710-1755	PASS
		HV	1710.150	1712.850	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.297	1714.703	1710-1755	PASS
	Extreme (40℃)		1710.271	1714.729	1710-1755	PASS
	Extreme (30℃)		1710.261	1714.739	1710-1755	PASS
	Extreme (20℃)		1710.244	1714.756	1710-1755	PASS
	Extreme (10℃)		1710.286	1714.714	1710-1755	PASS
	Extreme (0℃)		1710.219	1714.781	1710-1755	PASS
	Extreme (-10℃)		1710.259	1714.741	1710-1755	PASS
	Extreme (-20℃)		1710.261	1714.739	1710-1755	PASS
	Extreme (-30℃)		1710.286	1714.714	1710-1755	PASS
	20℃	LV	1710.204	1714.796	1710-1755	PASS
		HV	1710.227	1714.773	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.640	1719.360	1710-1755	PASS
	Extreme (40℃)		1710.511	1719.489	1710-1755	PASS
	Extreme (30℃)		1710.518	1719.482	1710-1755	PASS
	Extreme (20℃)		1710.556	1719.444	1710-1755	PASS
	Extreme (10℃)		1710.594	1719.406	1710-1755	PASS
	Extreme (0℃)		1710.637	1719.363	1710-1755	PASS
	Extreme (-10℃)		1710.533	1719.467	1710-1755	PASS
	Extreme (-20℃)		1710.604	1719.396	1710-1755	PASS
	Extreme (-30℃)		1710.571	1719.429	1710-1755	PASS
	20℃	LV	1710.530	1719.470	1710-1755	PASS
		HV	1710.515	1719.485	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.788	1724.212	1710-1755	PASS
	Extreme (40℃)		1710.769	1724.231	1710-1755	PASS
	Extreme (30℃)		1710.797	1724.203	1710-1755	PASS
	Extreme (20℃)		1710.756	1724.244	1710-1755	PASS
	Extreme (10℃)		1710.715	1724.285	1710-1755	PASS
	Extreme (0℃)		1710.758	1724.242	1710-1755	PASS
	Extreme (-10℃)		1710.715	1724.285	1710-1755	PASS
	Extreme (-20℃)		1710.717	1724.283	1710-1755	PASS
	Extreme (-30℃)		1710.790	1724.210	1710-1755	PASS
	20℃	LV	1710.715	1724.285	1710-1755	PASS
		HV	1710.797	1724.203	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1711.004	1728.996	1710-1755	PASS
	Extreme (40℃)		1711.045	1728.955	1710-1755	PASS
	Extreme (30℃)		1711.048	1728.952	1710-1755	PASS
	Extreme (20℃)		1711.049	1728.951	1710-1755	PASS
	Extreme (10℃)		1711.007	1728.993	1710-1755	PASS
	Extreme (0℃)		1711.011	1728.989	1710-1755	PASS
	Extreme (-10℃)		1711.004	1728.996	1710-1755	PASS
	Extreme (-20℃)		1711.027	1728.973	1710-1755	PASS
	Extreme (-30℃)		1711.011	1728.989	1710-1755	PASS
	20℃	LV	1711.039	1728.961	1710-1755	PASS
		HV	1711.036	1728.964	1710-1755	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1754.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1753.747	1754.853	1710-1755	PASS
	Extreme（40℃）		1753.746	1754.854	1710-1755	PASS
	Extreme（30℃）		1753.748	1754.852	1710-1755	PASS
	Extreme（20℃）		1753.749	1754.851	1710-1755	PASS
	Extreme（10℃）		1753.748	1754.852	1710-1755	PASS
	Extreme（0℃）		1753.745	1754.855	1710-1755	PASS
	Extreme（-10℃）		1753.748	1754.852	1710-1755	PASS
	Extreme（-20℃）		1753.748	1754.852	1710-1755	PASS

	Extreme (-30℃)		1753.746	1754.854	1710-1755	PASS
	20℃	LV	1753.749	1754.851	1710-1755	PASS
		HV	1753.746	1754.854	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1753.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1752.148	1754.852	1710-1755	PASS
	Extreme (40℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (30℃)		1752.145	1754.855	1710-1755	PASS
	Extreme (20℃)		1752.148	1754.852	1710-1755	PASS
	Extreme (10℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (0℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (-10℃)		1752.148	1754.852	1710-1755	PASS
	Extreme (-20℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (-30℃)		1752.150	1754.850	1710-1755	PASS
	20℃	LV	1752.148	1754.852	1710-1755	PASS
		HV	1752.147	1754.853	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1750.207	1754.793	1710-1755	PASS
	Extreme (40℃)		1750.250	1754.750	1710-1755	PASS
	Extreme (30℃)		1750.283	1754.717	1710-1755	PASS
	Extreme (20℃)		1750.209	1754.791	1710-1755	PASS
	Extreme (10℃)		1750.289	1754.711	1710-1755	PASS
	Extreme (0℃)		1750.272	1754.728	1710-1755	PASS
	Extreme (-10℃)		1750.247	1754.753	1710-1755	PASS
	Extreme (-20℃)		1750.259	1754.741	1710-1755	PASS
	Extreme (-30℃)		1750.230	1754.770	1710-1755	PASS
	20℃	LV	1750.259	1754.741	1710-1755	PASS
		HV	1750.245	1754.755	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1750	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1745.628	1754.372	1710-1755	PASS
	Extreme (40℃)		1745.616	1754.384	1710-1755	PASS
	Extreme (30℃)		1745.545	1754.455	1710-1755	PASS
	Extreme (20℃)		1745.640	1754.360	1710-1755	PASS

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	Extreme (10℃)		1745.629	1754.371	1710-1755	PASS
	Extreme (0℃)		1745.639	1754.361	1710-1755	PASS
	Extreme (-10℃)		1745.613	1754.387	1710-1755	PASS
	Extreme (-20℃)		1745.613	1754.387	1710-1755	PASS
	Extreme (-30℃)		1745.570	1754.430	1710-1755	PASS
	20℃	LV	1745.645	1754.355	1710-1755	PASS
HV		1745.591	1754.409	1710-1755	PASS	
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1747.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1740.753	1754.247	1710-1755	PASS
	Extreme (40℃)		1740.718	1754.282	1710-1755	PASS
	Extreme (30℃)		1740.751	1754.249	1710-1755	PASS
	Extreme (20℃)		1740.745	1754.255	1710-1755	PASS
	Extreme (10℃)		1740.731	1754.269	1710-1755	PASS
	Extreme (0℃)		1740.790	1754.210	1710-1755	PASS
	Extreme (-10℃)		1740.747	1754.253	1710-1755	PASS
	Extreme (-20℃)		1740.770	1754.230	1710-1755	PASS
	Extreme (-30℃)		1740.792	1754.208	1710-1755	PASS
	20℃	LV	1740.763	1754.237	1710-1755	PASS
		HV	1740.748	1754.252	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1745	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1735.902	1754.098	1710-1755	PASS
	Extreme (40℃)		1735.988	1754.012	1710-1755	PASS
	Extreme (30℃)		1735.947	1754.053	1710-1755	PASS
	Extreme (20℃)		1735.900	1754.100	1710-1755	PASS
	Extreme (10℃)		1735.964	1754.036	1710-1755	PASS
	Extreme (0℃)		1735.960	1754.040	1710-1755	PASS
	Extreme (-10℃)		1735.942	1754.058	1710-1755	PASS
	Extreme (-20℃)		1735.960	1754.040	1710-1755	PASS
	Extreme (-30℃)		1735.956	1754.044	1710-1755	PASS
	20℃	LV	1735.990	1754.010	1710-1755	PASS
		HV	1735.962	1754.038	1710-1755	PASS

LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2502.5	BANDWIDTH	5MHz	QPSK	QPSK	2500-2570	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2500.214	2504.786	2500-2570	PASS
	Extreme (40℃)		2500.219	2504.781	2500-2570	PASS
	Extreme (30℃)		2500.271	2504.729	2500-2570	PASS
	Extreme (20℃)		2500.220	2504.780	2500-2570	PASS
	Extreme (10℃)		2500.219	2504.781	2500-2570	PASS
	Extreme (0℃)		2500.261	2504.739	2500-2570	PASS
	Extreme (-10℃)		2500.229	2504.771	2500-2570	PASS
	Extreme (-20℃)		2500.269	2504.731	2500-2570	PASS
	Extreme (-30℃)		2500.211	2504.789	2500-2570	PASS
	20℃	LV	2500.292	2504.708	2500-2570	PASS
		HV	2500.253	2504.747	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2505	BANDWIDTH	10MHz	QPSK	QPSK	2500-2570	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2500.621	2509.379	2500-2570	PASS
	Extreme (40℃)		2500.578	2509.422	2500-2570	PASS
	Extreme (30℃)		2500.613	2509.387	2500-2570	PASS
	Extreme (20℃)		2500.580	2509.420	2500-2570	PASS
	Extreme (10℃)		2500.568	2509.432	2500-2570	PASS
	Extreme (0℃)		2500.537	2509.463	2500-2570	PASS
	Extreme (-10℃)		2500.567	2509.433	2500-2570	PASS
	Extreme (-20℃)		2500.605	2509.395	2500-2570	PASS
	Extreme (-30℃)		2500.533	2509.467	2500-2570	PASS
	20℃	LV	2500.525	2509.475	2500-2570	PASS
		HV	2500.635	2509.365	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2507.5	BANDWIDTH	15MHz	QPSK	QPSK	2500-2570	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	2500.746	2514.254	2500-2570	PASS
	Extreme (40℃)		2500.738	2514.262	2500-2570	PASS
	Extreme (30℃)		2500.706	2514.294	2500-2570	PASS
	Extreme (20℃)		2500.769	2514.231	2500-2570	PASS
	Extreme (10℃)		2500.795	2514.205	2500-2570	PASS
	Extreme (0℃)		2500.787	2514.213	2500-2570	PASS

	Extreme (-10℃)		2500.753	2514.247	2500-2570	PASS
	Extreme (-20℃)		2500.750	2514.250	2500-2570	PASS
	Extreme (-30℃)		2500.759	2514.241	2500-2570	PASS
	20℃	LV	2500.763	2514.237	2500-2570	PASS
		HV	2500.741	2514.259	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2510	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2501.017	2518.983	2500-2570	PASS
	Extreme (40℃)		2501.047	2518.953	2500-2570	PASS
	Extreme (30℃)		2501.036	2518.964	2500-2570	PASS
	Extreme (20℃)		2501.006	2518.994	2500-2570	PASS
	Extreme (10℃)		2501.000	2519.000	2500-2570	PASS
	Extreme (0℃)		2501.035	2518.965	2500-2570	PASS
	Extreme (-10℃)		2501.029	2518.971	2500-2570	PASS
	Extreme (-20℃)		2501.040	2518.960	2500-2570	PASS
	Extreme (-30℃)		2501.006	2518.994	2500-2570	PASS
	20℃	LV	2501.023	2518.977	2500-2570	PASS
		HV	2501.003	2518.997	2500-2570	PASS

LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2567.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2565.271	2569.729	2500-2570	PASS
	Extreme (40℃)		2565.284	2569.716	2500-2570	PASS
	Extreme (30℃)		2565.296	2569.704	2500-2570	PASS
	Extreme (20℃)		2565.206	2569.794	2500-2570	PASS
	Extreme (10℃)		2565.260	2569.740	2500-2570	PASS
	Extreme (0℃)		2565.219	2569.781	2500-2570	PASS
	Extreme (-10℃)		2565.278	2569.722	2500-2570	PASS
	Extreme (-20℃)		2565.212	2569.788	2500-2570	PASS
	Extreme (-30℃)		2565.212	2569.788	2500-2570	PASS
	20℃	LV	2565.213	2569.787	2500-2570	PASS
		HV	2565.265	2569.735	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2565	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2560.595	2569.405	2500-2570	PASS

	Extreme (40℃)		2560.505	2569.495	2500-2570	PASS
	Extreme (30℃)		2560.506	2569.494	2500-2570	PASS
	Extreme (20℃)		2560.522	2569.478	2500-2570	PASS
	Extreme (10℃)		2560.511	2569.489	2500-2570	PASS
	Extreme (0℃)		2560.583	2569.417	2500-2570	PASS
	Extreme (-10℃)		2560.560	2569.440	2500-2570	PASS
	Extreme (-20℃)		2560.639	2569.361	2500-2570	PASS
	Extreme (-30℃)		2560.608	2569.392	2500-2570	PASS
	20℃	LV	2560.570	2569.430	2500-2570	PASS
		HV	2560.507	2569.493	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2562.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2555.743	2569.257	2500-2570	PASS
	Extreme (40℃)		2555.797	2569.203	2500-2570	PASS
	Extreme (30℃)		2555.712	2569.288	2500-2570	PASS
	Extreme (20℃)		2555.765	2569.235	2500-2570	PASS
	Extreme (10℃)		2555.718	2569.282	2500-2570	PASS
	Extreme (0℃)		2555.736	2569.264	2500-2570	PASS
	Extreme (-10℃)		2555.710	2569.290	2500-2570	PASS
	Extreme (-20℃)		2555.723	2569.277	2500-2570	PASS
	Extreme (-30℃)		2555.741	2569.259	2500-2570	PASS
	20℃	LV	2555.726	2569.274	2500-2570	PASS
		HV	2555.750	2569.250	2500-2570	PASS
LTE B7 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2560	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2550.913	2569.087	2500-2570	PASS
	Extreme (40℃)		2550.977	2569.023	2500-2570	PASS
	Extreme (30℃)		2550.946	2569.054	2500-2570	PASS
	Extreme (20℃)		2550.984	2569.016	2500-2570	PASS
	Extreme (10℃)		2550.919	2569.081	2500-2570	PASS
	Extreme (0℃)		2550.951	2569.049	2500-2570	PASS
	Extreme (-10℃)		2550.906	2569.094	2500-2570	PASS
	Extreme (-20℃)		2550.926	2569.074	2500-2570	PASS
	Extreme (-30℃)		2550.983	2569.017	2500-2570	PASS
	20℃	LV	2550.918	2569.082	2500-2570	PASS
		HV	2550.937	2569.063	2500-2570	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	699.148	700.252	699-716	PASS
	Extreme (40℃)		699.147	700.253	699-716	PASS
	Extreme (30℃)		699.146	700.254	699-716	PASS
	Extreme (20℃)		699.146	700.254	699-716	PASS
	Extreme (10℃)		699.146	700.254	699-716	PASS
	Extreme (0℃)		699.149	700.251	699-716	PASS
	Extreme (-10℃)		699.146	700.254	699-716	PASS
	Extreme (-20℃)		699.149	700.251	699-716	PASS
	Extreme (-30℃)		699.146	700.254	699-716	PASS
	20℃	LV	699.147	700.253	699-716	PASS
		HV	699.145	700.255	699-716	PASS
			QPSK			
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	699.149	701.851	699-716	PASS
	Extreme (40℃)		699.148	701.852	699-716	PASS
	Extreme (30℃)		699.148	701.852	699-716	PASS
	Extreme (20℃)		699.145	701.855	699-716	PASS
	Extreme (10℃)		699.149	701.851	699-716	PASS
	Extreme (0℃)		699.146	701.854	699-716	PASS
	Extreme (-10℃)		699.148	701.852	699-716	PASS
	Extreme (-20℃)		699.150	701.850	699-716	PASS
	Extreme (-30℃)		699.148	701.852	699-716	PASS
	20℃	LV	699.146	701.854	699-716	PASS
		HV	699.148	701.852	699-716	PASS
			QPSK			
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	699.233	703.767	699-716	PASS
	Extreme (40℃)		699.290	703.710	699-716	PASS
	Extreme (30℃)		699.228	703.772	699-716	PASS

	Extreme (20℃)		699.255	703.745	699-716	PASS
	Extreme (10℃)		699.255	703.745	699-716	PASS
	Extreme (0℃)		699.276	703.724	699-716	PASS
	Extreme (-10℃)		699.296	703.704	699-716	PASS
	Extreme (-20℃)		699.269	703.731	699-716	PASS
	Extreme (-30℃)		699.265	703.735	699-716	PASS
	20℃	LV	699.227	703.773	699-716	PASS
		HV	699.215	703.785	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	699.554	708.446	699-716	PASS
	Extreme (40℃)		699.566	708.434	699-716	PASS
	Extreme (30℃)		699.557	708.443	699-716	PASS
	Extreme (20℃)		699.549	708.451	699-716	PASS
	Extreme (10℃)		699.628	708.372	699-716	PASS
	Extreme (0℃)		699.563	708.437	699-716	PASS
	Extreme (-10℃)		699.610	708.390	699-716	PASS
	Extreme (-20℃)		699.608	708.392	699-716	PASS
	Extreme (-30℃)		699.513	708.487	699-716	PASS
	20℃	LV	699.510	708.490	699-716	PASS
		HV	699.638	708.362	699-716	PASS

LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	714.748	715.852	699-716	PASS
	Extreme (40℃)		714.745	715.855	699-716	PASS
	Extreme (30℃)		714.746	715.854	699-716	PASS
	Extreme (20℃)		714.747	715.853	699-716	PASS
	Extreme (10℃)		714.747	715.853	699-716	PASS
	Extreme (0℃)		714.746	715.854	699-716	PASS
	Extreme (-10℃)		714.749	715.851	699-716	PASS
	Extreme (-20℃)		714.749	715.851	699-716	PASS
	Extreme (-30℃)		714.746	715.854	699-716	PASS
	20℃	LV	714.746	715.854	699-716	PASS
		HV	714.749	715.851	699-716	PASS
LTE	Condition		F Low	F High	Limit	Verdict

B12 Fc(MHz)			(MHz)	(MHz)	(MHz)	
714.5	BANDWIDTH	3MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	713.149	715.851	699-716	PASS
	Extreme (40℃)		713.147	715.853	699-716	PASS
	Extreme (30℃)		713.148	715.852	699-716	PASS
	Extreme (20℃)		713.150	715.850	699-716	PASS
	Extreme (10℃)		713.148	715.852	699-716	PASS
	Extreme (0℃)		713.148	715.852	699-716	PASS
	Extreme (-10℃)		713.147	715.853	699-716	PASS
	Extreme (-20℃)		713.145	715.855	699-716	PASS
	Extreme (-30℃)		713.148	715.852	699-716	PASS
	20℃	LV	713.146	715.854	699-716	PASS
		HV	713.149	715.851	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	711.263	715.737	699-716	PASS
	Extreme (40℃)		711.232	715.768	699-716	PASS
	Extreme (30℃)		711.210	715.790	699-716	PASS
	Extreme (20℃)		711.296	715.704	699-716	PASS
	Extreme (10℃)		711.240	715.760	699-716	PASS
	Extreme (0℃)		711.285	715.715	699-716	PASS
	Extreme (-10℃)		711.263	715.737	699-716	PASS
	Extreme (-20℃)		711.262	715.738	699-716	PASS
	Extreme (-30℃)		711.248	715.752	699-716	PASS
	20℃	LV	711.270	715.730	699-716	PASS
		HV	711.208	715.792	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	706.580	715.420	699-716	PASS
	Extreme (40℃)		706.502	715.498	699-716	PASS
	Extreme (30℃)		706.602	715.398	699-716	PASS
	Extreme (20℃)		706.517	715.483	699-716	PASS
	Extreme (10℃)		706.594	715.406	699-716	PASS

	Extreme (0℃)		706.573	715.427	699-716	PASS
	Extreme (-10℃)		706.507	715.493	699-716	PASS
	Extreme (-20℃)		706.626	715.374	699-716	PASS
	Extreme (-30℃)		706.634	715.366	699-716	PASS
	20℃	LV	706.542	715.458	699-716	PASS
		HV	706.522	715.478	699-716	PASS

LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
706.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	704.222	708.778	704-716	PASS
	Extreme (40℃)		704.299	708.701	704-716	PASS
	Extreme (30℃)		704.269	708.731	704-716	PASS
	Extreme (20℃)		704.262	708.738	704-716	PASS
	Extreme (10℃)		704.230	708.770	704-716	PASS
	Extreme (0℃)		704.234	708.766	704-716	PASS
	Extreme (-10℃)		704.280	708.720	704-716	PASS
	Extreme (-20℃)		704.297	708.703	704-716	PASS
	Extreme (-30℃)		704.266	708.734	704-716	PASS
	20℃	LV	704.213	708.787	704-716	PASS
		HV	704.230	708.770	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
709	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	704.647	713.353	704-716	PASS
	Extreme (40℃)		704.545	713.455	704-716	PASS
	Extreme (30℃)		704.509	713.491	704-716	PASS
	Extreme (20℃)		704.615	713.385	704-716	PASS
	Extreme (10℃)		704.556	713.444	704-716	PASS
	Extreme (0℃)		704.584	713.416	704-716	PASS
	Extreme (-10℃)		704.578	713.422	704-716	PASS
	Extreme (-20℃)		704.641	713.359	704-716	PASS
	Extreme (-30℃)		704.548	713.452	704-716	PASS
	20℃	LV	704.588	713.412	704-716	PASS
		HV	704.588	713.412	704-716	PASS
LTE B17 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

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713.5	BANDWIDTH		5MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	711.260	715.740	704-716	PASS
	Extreme (40℃)			711.280	715.720	704-716	PASS
	Extreme (30℃)			711.264	715.736	704-716	PASS
	Extreme (20℃)			711.232	715.768	704-716	PASS
	Extreme (10℃)			711.279	715.721	704-716	PASS
	Extreme (0℃)			711.217	715.783	704-716	PASS
	Extreme (-10℃)			711.247	715.753	704-716	PASS
	Extreme (-20℃)			711.205	715.795	704-716	PASS
	Extreme (-30℃)			711.272	715.728	704-716	PASS
	20℃		LV	711.283	715.717	704-716	PASS
			HV	711.205	715.795	704-716	PASS
LTE B17 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH		10MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	706.647	715.353	704-716	PASS
	Extreme (40℃)			706.508	715.492	704-716	PASS
	Extreme (30℃)			706.617	715.383	704-716	PASS
	Extreme (20℃)			706.580	715.420	704-716	PASS
	Extreme (10℃)			706.627	715.373	704-716	PASS
	Extreme (0℃)			706.615	715.385	704-716	PASS
	Extreme (-10℃)			706.509	715.491	704-716	PASS
	Extreme (-20℃)			706.518	715.482	704-716	PASS
	Extreme (-30℃)			706.561	715.439	704-716	PASS
	20℃		LV	706.606	715.394	704-716	PASS
			HV	706.643	715.357	704-716	PASS

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1850.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1850.149	1851.251	1850-1915	PASS
	Extreme（40℃）		1850.146	1851.254	1850-1915	PASS
	Extreme（30℃）		1850.145	1851.255	1850-1915	PASS
	Extreme（20℃）		1850.146	1851.254	1850-1915	PASS
	Extreme（10℃）		1850.148	1851.252	1850-1915	PASS
	Extreme（0℃）		1850.149	1851.251	1850-1915	PASS

	Extreme (-10℃)		1850.150	1851.250	1850-1915	PASS
	Extreme (-20℃)		1850.147	1851.253	1850-1915	PASS
	Extreme (-30℃)		1850.148	1851.252	1850-1915	PASS
	20℃	LV	1850.146	1851.254	1850-1915	PASS
		HV	1850.150	1851.250	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1851.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.147	1852.853	1850-1915	PASS
	Extreme (40℃)		1850.150	1852.850	1850-1915	PASS
	Extreme (30℃)		1850.148	1852.852	1850-1915	PASS
	Extreme (20℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (10℃)		1850.150	1852.850	1850-1915	PASS
	Extreme (0℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (-10℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (-20℃)		1850.147	1852.853	1850-1915	PASS
	Extreme (-30℃)		1850.147	1852.853	1850-1915	PASS
	20℃	LV	1850.146	1852.854	1850-1915	PASS
		HV	1850.149	1852.851	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1852.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.203	1854.797	1850-1915	PASS
	Extreme (40℃)		1850.202	1854.798	1850-1915	PASS
	Extreme (30℃)		1850.247	1854.753	1850-1915	PASS
	Extreme (20℃)		1850.240	1854.760	1850-1915	PASS
	Extreme (10℃)		1850.212	1854.788	1850-1915	PASS
	Extreme (0℃)		1850.210	1854.790	1850-1915	PASS
	Extreme (-10℃)		1850.274	1854.726	1850-1915	PASS
	Extreme (-20℃)		1850.228	1854.772	1850-1915	PASS
	Extreme (-30℃)		1850.248	1854.752	1850-1915	PASS
	20℃	LV	1850.224	1854.776	1850-1915	PASS
		HV	1850.249	1854.751	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1855	BANDWIDTH	10MHz				

	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1850.609	1859.391	1850-1915	PASS
	Extreme (40℃)		1850.585	1859.415	1850-1915	PASS
	Extreme (30℃)		1850.514	1859.486	1850-1915	PASS
	Extreme (20℃)		1850.524	1859.476	1850-1915	PASS
	Extreme (10℃)		1850.548	1859.452	1850-1915	PASS
	Extreme (0℃)		1850.599	1859.401	1850-1915	PASS
	Extreme (-10℃)		1850.562	1859.438	1850-1915	PASS
	Extreme (-20℃)		1850.598	1859.402	1850-1915	PASS
	Extreme (-30℃)		1850.539	1859.461	1850-1915	PASS
	20℃	LV	1850.583	1859.417	1850-1915	PASS
		HV	1850.601	1859.399	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1857.5	BANDWIDTH	15MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1850.743	1864.257	1850-1915	PASS
	Extreme (40℃)		1850.727	1864.273	1850-1915	PASS
	Extreme (30℃)		1850.735	1864.265	1850-1915	PASS
	Extreme (20℃)		1850.758	1864.242	1850-1915	PASS
	Extreme (10℃)		1850.737	1864.263	1850-1915	PASS
	Extreme (0℃)		1850.729	1864.271	1850-1915	PASS
	Extreme (-10℃)		1850.724	1864.276	1850-1915	PASS
	Extreme (-20℃)		1850.787	1864.213	1850-1915	PASS
	Extreme (-30℃)		1850.788	1864.212	1850-1915	PASS
	20℃	LV	1850.708	1864.292	1850-1915	PASS
		HV	1850.778	1864.222	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1860	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1851.024	1868.976	1850-1915	PASS
	Extreme (40℃)		1851.011	1868.989	1850-1915	PASS
	Extreme (30℃)		1851.003	1868.997	1850-1915	PASS
	Extreme (20℃)		1851.042	1868.958	1850-1915	PASS
	Extreme (10℃)		1851.021	1868.979	1850-1915	PASS
	Extreme (0℃)		1851.007	1868.993	1850-1915	PASS
	Extreme (-10℃)		1851.004	1868.996	1850-1915	PASS
	Extreme (-20℃)		1851.005	1868.995	1850-1915	PASS
	Extreme (-30℃)		1851.047	1868.953	1850-1915	PASS

	20℃	LV	1851.036	1868.964	1850-1915	PASS
		HV	1851.027	1868.973	1850-1915	PASS

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1914.3	BANDWIDTH	1.4MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1913.749	1914.851	1850-1915	PASS
	Extreme (40℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (30℃)		1913.746	1914.854	1850-1915	PASS
	Extreme (20℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (10℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (0℃)		1913.749	1914.851	1850-1915	PASS
	Extreme (-10℃)		1913.747	1914.853	1850-1915	PASS
	Extreme (-20℃)		1913.748	1914.852	1850-1915	PASS
	Extreme (-30℃)		1913.746	1914.854	1850-1915	PASS
	20℃	LV	1913.747	1914.853	1850-1915	PASS
		HV	1913.750	1914.850	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1913.5	BANDWIDTH	3MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1912.146	1914.854	1850-1915	PASS
	Extreme (40℃)		1912.149	1914.851	1850-1915	PASS
	Extreme (30℃)		1912.148	1914.852	1850-1915	PASS
	Extreme (20℃)		1912.150	1914.850	1850-1915	PASS
	Extreme (10℃)		1912.150	1914.850	1850-1915	PASS
	Extreme (0℃)		1912.146	1914.854	1850-1915	PASS
	Extreme (-10℃)		1912.147	1914.853	1850-1915	PASS
	Extreme (-20℃)		1912.145	1914.855	1850-1915	PASS
	Extreme (-30℃)		1912.149	1914.851	1850-1915	PASS
	20℃	LV	1912.150	1914.850	1850-1915	PASS
		HV	1912.145	1914.855	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1912.5	BANDWIDTH	5MHz	QPSK	QPSK	1850-1915	PASS
	Temperature	Voltage				
	Extreme (50℃)	NV	1910.279	1914.721	1850-1915	PASS

	Extreme (40℃)		1910.236	1914.764	1850-1915	PASS
	Extreme (30℃)		1910.270	1914.730	1850-1915	PASS
	Extreme (20℃)		1910.273	1914.727	1850-1915	PASS
	Extreme (10℃)		1910.261	1914.739	1850-1915	PASS
	Extreme (0℃)		1910.204	1914.796	1850-1915	PASS
	Extreme (-10℃)		1910.212	1914.788	1850-1915	PASS
	Extreme (-20℃)		1910.208	1914.792	1850-1915	PASS
	Extreme (-30℃)		1910.232	1914.768	1850-1915	PASS
	20℃	LV	1910.230	1914.770	1850-1915	PASS
		HV	1910.247	1914.753	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1910	BANDWIDTH	10MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1905.517	1914.483	1850-1915	PASS
	Extreme (40℃)		1905.578	1914.422	1850-1915	PASS
	Extreme (30℃)		1905.579	1914.421	1850-1915	PASS
	Extreme (20℃)		1905.600	1914.400	1850-1915	PASS
	Extreme (10℃)		1905.549	1914.451	1850-1915	PASS
	Extreme (0℃)		1905.562	1914.438	1850-1915	PASS
	Extreme (-10℃)		1905.529	1914.471	1850-1915	PASS
	Extreme (-20℃)		1905.536	1914.464	1850-1915	PASS
	Extreme (-30℃)		1905.635	1914.365	1850-1915	PASS
	20℃	LV	1905.556	1914.444	1850-1915	PASS
		HV	1905.636	1914.364	1850-1915	PASS
LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1907.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	1900.792	1914.208	1850-1915	PASS
	Extreme (40℃)		1900.798	1914.202	1850-1915	PASS
	Extreme (30℃)		1900.795	1914.205	1850-1915	PASS
	Extreme (20℃)		1900.768	1914.232	1850-1915	PASS
	Extreme (10℃)		1900.793	1914.207	1850-1915	PASS
	Extreme (0℃)		1900.773	1914.227	1850-1915	PASS
	Extreme (-10℃)		1900.776	1914.224	1850-1915	PASS
	Extreme (-20℃)		1900.723	1914.277	1850-1915	PASS
	Extreme (-30℃)		1900.701	1914.299	1850-1915	PASS
	20℃	LV	1900.799	1914.201	1850-1915	PASS
		HV	1900.786	1914.214	1850-1915	PASS

LTE B25 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1905	BANDWIDTH	20MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	1895.971	1914.029	1850-1915	PASS
	Extreme (40℃)		1895.947	1914.053	1850-1915	PASS
	Extreme (30℃)		1895.954	1914.046	1850-1915	PASS
	Extreme (20℃)		1895.915	1914.085	1850-1915	PASS
	Extreme (10℃)		1895.936	1914.064	1850-1915	PASS
	Extreme (0℃)		1895.903	1914.097	1850-1915	PASS
	Extreme (-10℃)		1895.980	1914.020	1850-1915	PASS
	Extreme (-20℃)		1895.935	1914.065	1850-1915	PASS
	Extreme (-30℃)		1895.975	1914.025	1850-1915	PASS
	20℃	LV	1895.980	1914.020	1850-1915	PASS
		HV	1895.964	1914.036	1850-1915	PASS

LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2572.5	BANDWIDTH	5MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	2570.207	2574.793	2570-2620	PASS
	Extreme (40℃)		2570.276	2574.724	2570-2620	PASS
	Extreme (30℃)		2570.229	2574.771	2570-2620	PASS
	Extreme (20℃)		2570.259	2574.741	2570-2620	PASS
	Extreme (10℃)		2570.263	2574.737	2570-2620	PASS
	Extreme (0℃)		2570.262	2574.738	2570-2620	PASS
	Extreme (-10℃)		2570.258	2574.742	2570-2620	PASS
	Extreme (-20℃)		2570.289	2574.711	2570-2620	PASS
	Extreme (-30℃)		2570.284	2574.716	2570-2620	PASS
	20℃	LV	2570.265	2574.735	2570-2620	PASS
		HV	2570.294	2574.706	2570-2620	PASS

LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2575	BANDWIDTH	10MHz				
	Temperature	Voltage				
	Extreme (50℃)	NV	2570.643	2579.357	2570-2620	PASS
	Extreme (40℃)		2570.508	2579.492	2570-2620	PASS
	Extreme (30℃)		2570.502	2579.498	2570-2620	PASS

	Extreme (20℃)		2570.506	2579.494	2570-2620	PASS
	Extreme (10℃)		2570.504	2579.496	2570-2620	PASS
	Extreme (0℃)		2570.535	2579.465	2570-2620	PASS
	Extreme (-10℃)		2570.641	2579.359	2570-2620	PASS
	Extreme (-20℃)		2570.642	2579.358	2570-2620	PASS
	Extreme (-30℃)		2570.532	2579.468	2570-2620	PASS
	20℃	LV	2570.591	2579.409	2570-2620	PASS
		HV	2570.622	2579.378	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2577.5	BANDWIDTH	15MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2570.773	2584.227	2570-2620	PASS
	Extreme (40℃)		2570.778	2584.222	2570-2620	PASS
	Extreme (30℃)		2570.800	2584.200	2570-2620	PASS
	Extreme (20℃)		2570.753	2584.247	2570-2620	PASS
	Extreme (10℃)		2570.730	2584.270	2570-2620	PASS
	Extreme (0℃)		2570.785	2584.215	2570-2620	PASS
	Extreme (-10℃)		2570.770	2584.230	2570-2620	PASS
	Extreme (-20℃)		2570.759	2584.241	2570-2620	PASS
	Extreme (-30℃)		2570.735	2584.265	2570-2620	PASS
	20℃	LV	2570.748	2584.252	2570-2620	PASS
		HV	2570.777	2584.223	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2580	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50℃)	NV	2571.013	2588.987	2570-2620	PASS
	Extreme (40℃)		2571.007	2588.993	2570-2620	PASS
	Extreme (30℃)		2571.002	2588.998	2570-2620	PASS
	Extreme (20℃)		2571.034	2588.966	2570-2620	PASS
	Extreme (10℃)		2571.045	2588.955	2570-2620	PASS
	Extreme (0℃)		2571.027	2588.973	2570-2620	PASS
	Extreme (-10℃)		2571.034	2588.966	2570-2620	PASS
	Extreme (-20℃)		2571.013	2588.987	2570-2620	PASS
	Extreme (-30℃)		2571.040	2588.960	2570-2620	PASS
	20℃	LV	2571.022	2588.978	2570-2620	PASS
		HV	2571.004	2588.996	2570-2620	PASS
LTE B38	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

Fc(MHz)						
2617.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2615.230	2619.770	2570-2620	PASS
	Extreme (40℃)		2615.273	2619.727	2570-2620	PASS
	Extreme (30℃)		2615.214	2619.786	2570-2620	PASS
	Extreme (20℃)		2615.226	2619.774	2570-2620	PASS
	Extreme (10℃)		2615.247	2619.753	2570-2620	PASS
	Extreme (0℃)		2615.286	2619.714	2570-2620	PASS
	Extreme (-10℃)		2615.237	2619.763	2570-2620	PASS
	Extreme (-20℃)		2615.284	2619.716	2570-2620	PASS
	Extreme (-30℃)		2615.287	2619.713	2570-2620	PASS
	20℃	LV	2615.279	2619.721	2570-2620	PASS
		HV	2615.251	2619.749	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2615	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2610.517	2619.483	2570-2620	PASS
	Extreme (40℃)		2610.510	2619.490	2570-2620	PASS
	Extreme (30℃)		2610.594	2619.406	2570-2620	PASS
	Extreme (20℃)		2610.560	2619.440	2570-2620	PASS
	Extreme (10℃)		2610.637	2619.363	2570-2620	PASS
	Extreme (0℃)		2610.623	2619.377	2570-2620	PASS
	Extreme (-10℃)		2610.575	2619.425	2570-2620	PASS
	Extreme (-20℃)		2610.583	2619.417	2570-2620	PASS
	Extreme (-30℃)		2610.523	2619.477	2570-2620	PASS
	20℃	LV	2610.598	2619.402	2570-2620	PASS
		HV	2610.647	2619.353	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2612.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2605.742	2619.258	2570-2620	PASS
	Extreme (40℃)		2605.738	2619.262	2570-2620	PASS
	Extreme (30℃)		2605.782	2619.218	2570-2620	PASS
	Extreme (20℃)		2605.707	2619.293	2570-2620	PASS
	Extreme (10℃)		2605.714	2619.286	2570-2620	PASS
	Extreme (0℃)		2605.760	2619.240	2570-2620	PASS

	Extreme (-10℃)		2605.774	2619.226	2570-2620	PASS
	Extreme (-20℃)		2605.756	2619.244	2570-2620	PASS
	Extreme (-30℃)		2605.704	2619.296	2570-2620	PASS
	20℃	LV	2605.766	2619.234	2570-2620	PASS
		HV	2605.733	2619.267	2570-2620	PASS
LTE B38 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2610	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2600.937	2619.063	2570-2620	PASS
	Extreme (40℃)		2600.903	2619.097	2570-2620	PASS
	Extreme (30℃)		2600.906	2619.094	2570-2620	PASS
	Extreme (20℃)		2600.993	2619.007	2570-2620	PASS
	Extreme (10℃)		2600.930	2619.070	2570-2620	PASS
	Extreme (0℃)		2600.970	2619.030	2570-2620	PASS
	Extreme (-10℃)		2600.986	2619.014	2570-2620	PASS
	Extreme (-20℃)		2600.928	2619.072	2570-2620	PASS
	Extreme (-30℃)		2600.985	2619.015	2570-2620	PASS
	20℃	LV	2600.969	2619.031	2570-2620	PASS
		HV	2600.954	2619.046	2570-2620	PASS

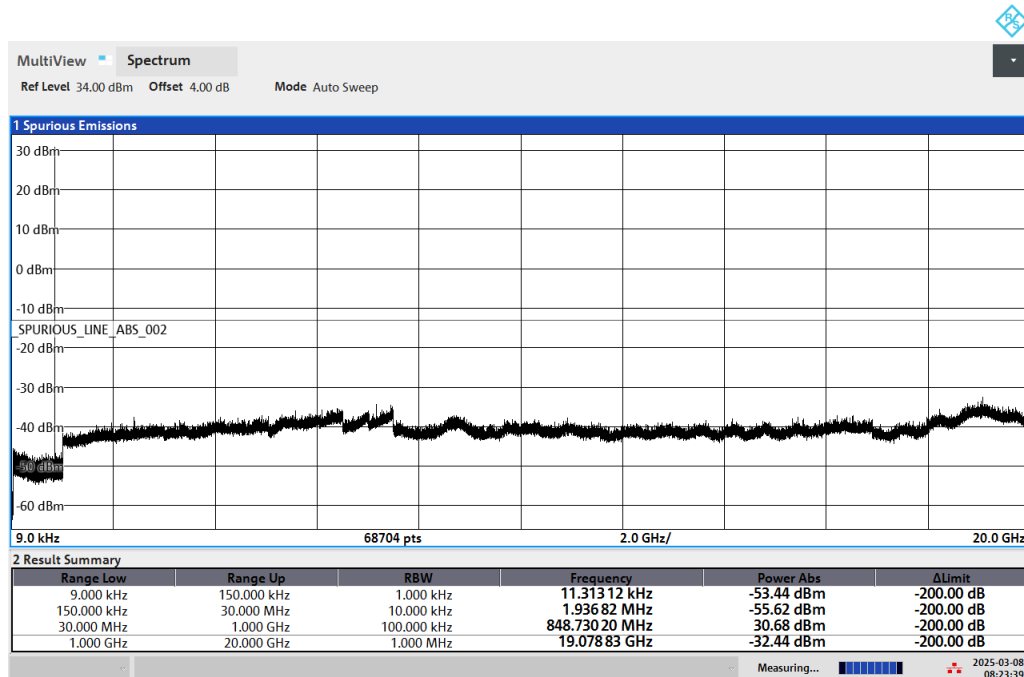
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2537.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2535.238	2539.762	2535-2655	PASS
	Extreme (40℃)		2535.242	2539.758	2535-2655	PASS
	Extreme (30℃)		2535.215	2539.785	2535-2655	PASS
	Extreme (20℃)		2535.250	2539.750	2535-2655	PASS
	Extreme (10℃)		2535.287	2539.713	2535-2655	PASS
	Extreme (0℃)		2535.287	2539.713	2535-2655	PASS
	Extreme (-10℃)		2535.281	2539.719	2535-2655	PASS
	Extreme (-20℃)		2535.213	2539.787	2535-2655	PASS
	Extreme (-30℃)		2535.212	2539.788	2535-2655	PASS
	20℃	LV	2535.228	2539.772	2535-2655	PASS
		HV	2535.286	2539.714	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

RF Test Report				Report No.: EPTA25020102-IE-06-			
2540	BANDWIDTH		10MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	2535.563	2544.437	2535-2655	PASS
	Extreme (40℃)			2535.535	2544.465	2535-2655	PASS
	Extreme (30℃)			2535.579	2544.421	2535-2655	PASS
	Extreme (20℃)			2535.540	2544.460	2535-2655	PASS
	Extreme (10℃)			2535.606	2544.394	2535-2655	PASS
	Extreme (0℃)			2535.608	2544.392	2535-2655	PASS
	Extreme (-10℃)			2535.533	2544.467	2535-2655	PASS
	Extreme (-20℃)			2535.501	2544.499	2535-2655	PASS
	Extreme (-30℃)			2535.526	2544.474	2535-2655	PASS
	20℃		LV	2535.615	2544.385	2535-2655	PASS
HV			2535.601	2544.399	2535-2655	PASS	
LTE B41 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2542.5	BANDWIDTH		15MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	2535.721	2549.279	2535-2655	PASS
	Extreme (40℃)			2535.711	2549.289	2535-2655	PASS
	Extreme (30℃)			2535.730	2549.270	2535-2655	PASS
	Extreme (20℃)			2535.716	2549.284	2535-2655	PASS
	Extreme (10℃)			2535.778	2549.222	2535-2655	PASS
	Extreme (0℃)			2535.773	2549.227	2535-2655	PASS
	Extreme (-10℃)			2535.725	2549.275	2535-2655	PASS
	Extreme (-20℃)			2535.755	2549.245	2535-2655	PASS
	Extreme (-30℃)			2535.702	2549.298	2535-2655	PASS
	20℃		LV	2535.747	2549.253	2535-2655	PASS
HV			2535.784	2549.216	2535-2655	PASS	
LTE B41 Fc(MHz)	Condition			F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2545	BANDWIDTH		20MHz				
	Temperature		Voltage	QPSK			
	Extreme (50℃)		NV	2536.015	2553.985	2535-2655	PASS
	Extreme (40℃)			2536.014	2553.986	2535-2655	PASS
	Extreme (30℃)			2536.027	2553.973	2535-2655	PASS
	Extreme (20℃)			2536.025	2553.975	2535-2655	PASS
	Extreme (10℃)			2536.048	2553.952	2535-2655	PASS
	Extreme (0℃)			2536.001	2553.999	2535-2655	PASS
	Extreme (-10℃)			2536.008	2553.992	2535-2655	PASS

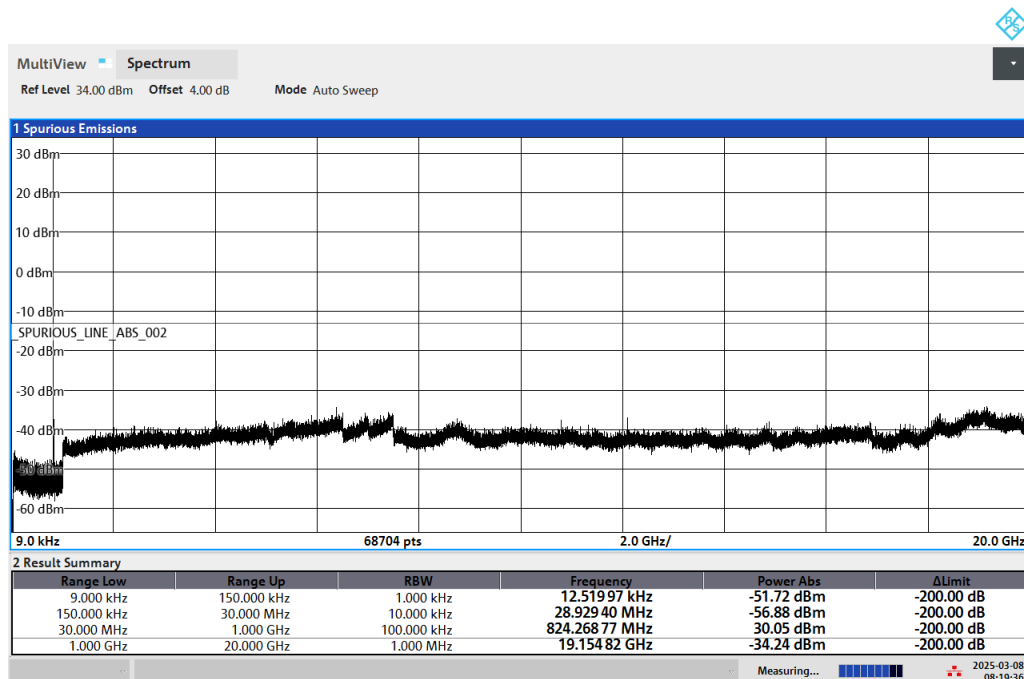
RF Test Report			Report No.: EPTA23020102-IE-06			
	Extreme (-20℃)		2536.027	2553.973	2535-2655	PASS
	Extreme (-30℃)		2536.006	2553.994	2535-2655	PASS
	20℃	LV	2536.048	2553.952	2535-2655	PASS
		HV	2536.044	2553.956	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2652.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2650.264	2654.736	2535-2655	PASS
	Extreme (40℃)		2650.289	2654.711	2535-2655	PASS
	Extreme (30℃)		2650.262	2654.738	2535-2655	PASS
	Extreme (20℃)		2650.237	2654.763	2535-2655	PASS
	Extreme (10℃)		2650.234	2654.766	2535-2655	PASS
	Extreme (0℃)		2650.287	2654.713	2535-2655	PASS
	Extreme (-10℃)		2650.219	2654.781	2535-2655	PASS
	Extreme (-20℃)		2650.294	2654.706	2535-2655	PASS
	Extreme (-30℃)		2650.217	2654.783	2535-2655	PASS
	20℃	LV	2650.223	2654.777	2535-2655	PASS
		HV	2650.260	2654.740	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2650	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2645.543	2654.457	2535-2655	PASS
	Extreme (40℃)		2645.582	2654.418	2535-2655	PASS
	Extreme (30℃)		2645.566	2654.434	2535-2655	PASS
	Extreme (20℃)		2645.508	2654.492	2535-2655	PASS
	Extreme (10℃)		2645.557	2654.443	2535-2655	PASS
	Extreme (0℃)		2645.518	2654.482	2535-2655	PASS
	Extreme (-10℃)		2645.620	2654.380	2535-2655	PASS
	Extreme (-20℃)		2645.590	2654.410	2535-2655	PASS
	Extreme (-30℃)		2645.595	2654.405	2535-2655	PASS
	20℃	LV	2645.593	2654.407	2535-2655	PASS
		HV	2645.587	2654.413	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

2647.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2640.701	2654.299	2535-2655	PASS
	Extreme (40℃)		2640.775	2654.225	2535-2655	PASS
	Extreme (30℃)		2640.738	2654.262	2535-2655	PASS
	Extreme (20℃)		2640.713	2654.287	2535-2655	PASS
	Extreme (10℃)		2640.709	2654.291	2535-2655	PASS
	Extreme (0℃)		2640.706	2654.294	2535-2655	PASS
	Extreme (-10℃)		2640.751	2654.249	2535-2655	PASS
	Extreme (-20℃)		2640.745	2654.255	2535-2655	PASS
	Extreme (-30℃)		2640.745	2654.255	2535-2655	PASS
	20℃	LV	2640.788	2654.212	2535-2655	PASS
		HV	2640.766	2654.234	2535-2655	PASS
LTE B41 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
2645	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	2635.926	2654.074	2535-2655	PASS
	Extreme (40℃)		2635.995	2654.005	2535-2655	PASS
	Extreme (30℃)		2635.944	2654.056	2535-2655	PASS
	Extreme (20℃)		2635.951	2654.049	2535-2655	PASS
	Extreme (10℃)		2635.922	2654.078	2535-2655	PASS
	Extreme (0℃)		2635.910	2654.090	2535-2655	PASS
	Extreme (-10℃)		2635.939	2654.061	2535-2655	PASS
	Extreme (-20℃)		2635.917	2654.083	2535-2655	PASS
	Extreme (-30℃)		2635.914	2654.086	2535-2655	PASS
	20℃	LV	2636.000	2654.000	2535-2655	PASS
		HV	2635.931	2654.069	2535-2655	PASS

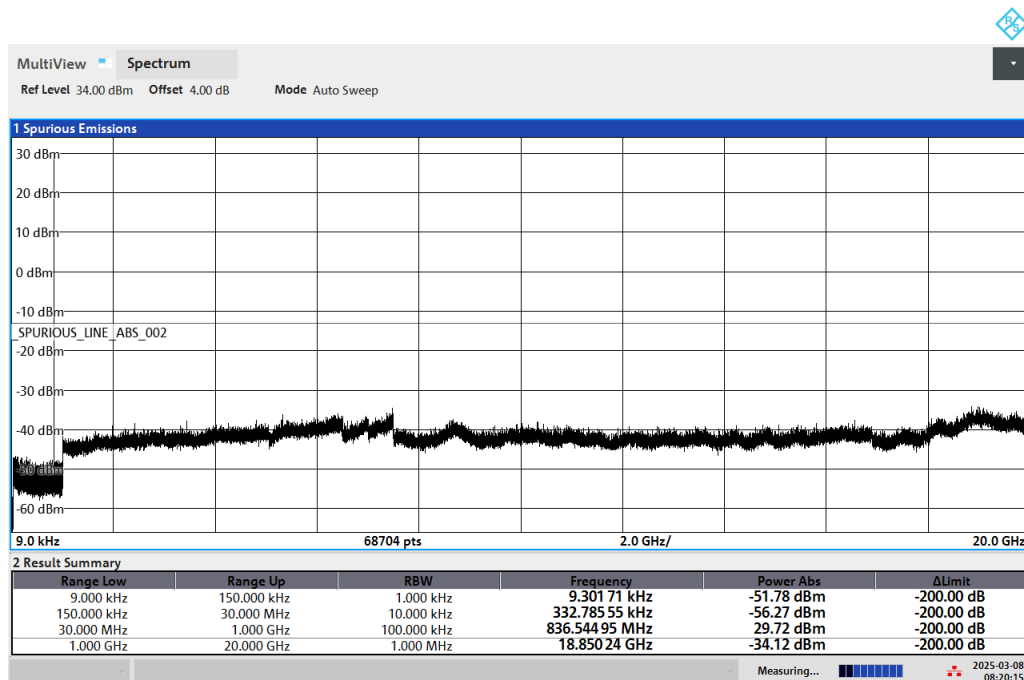
6.6 Spurious Emissions at Antenna Terminals



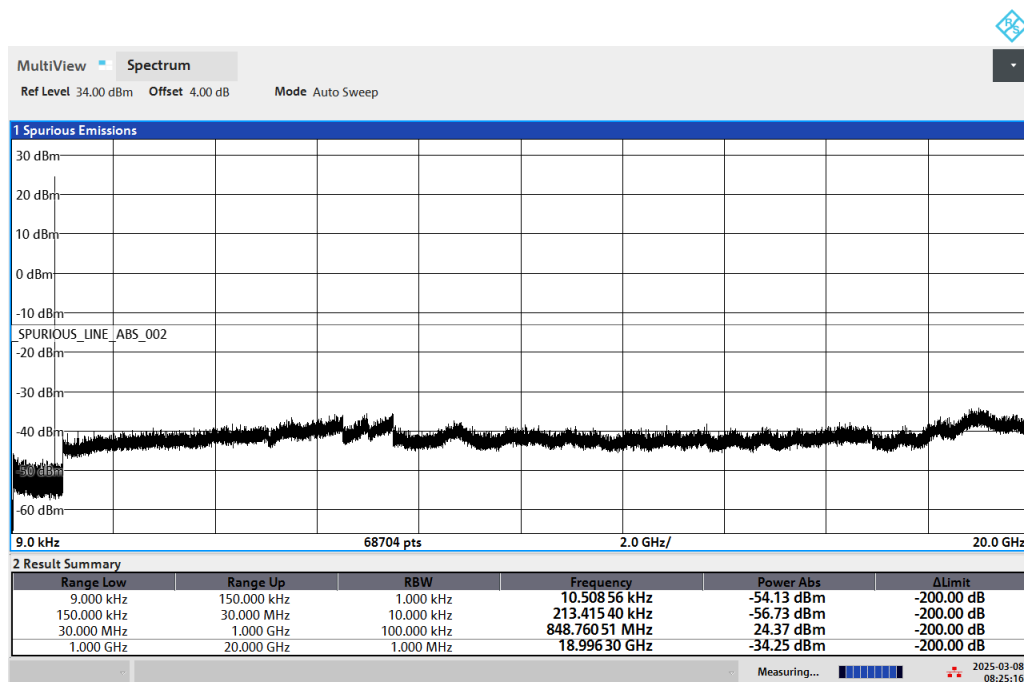
GSM850\GPRS\H



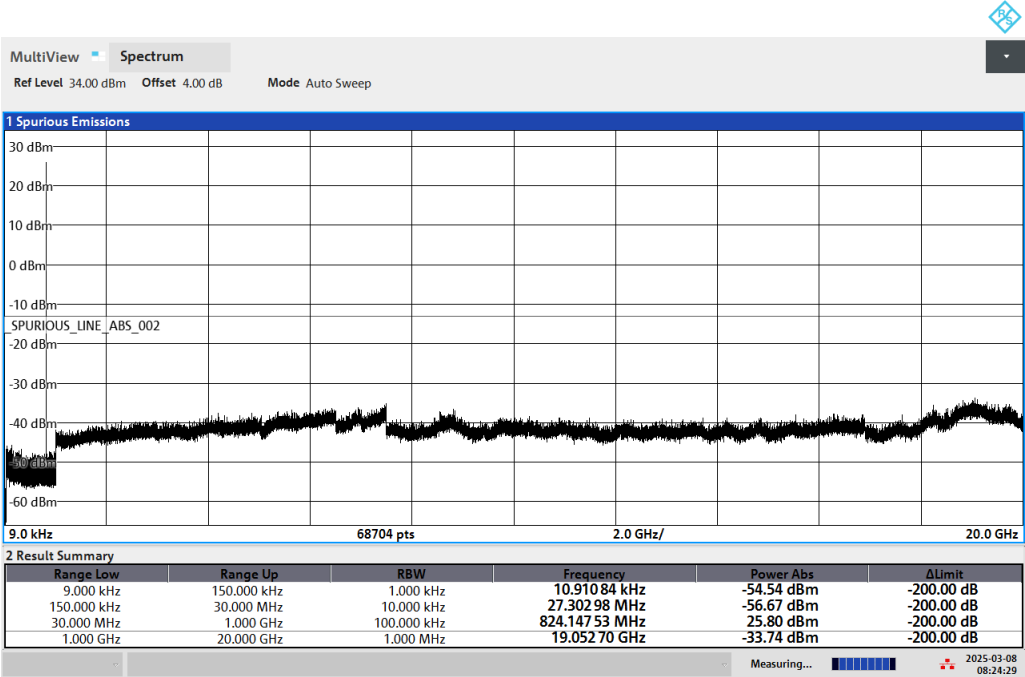
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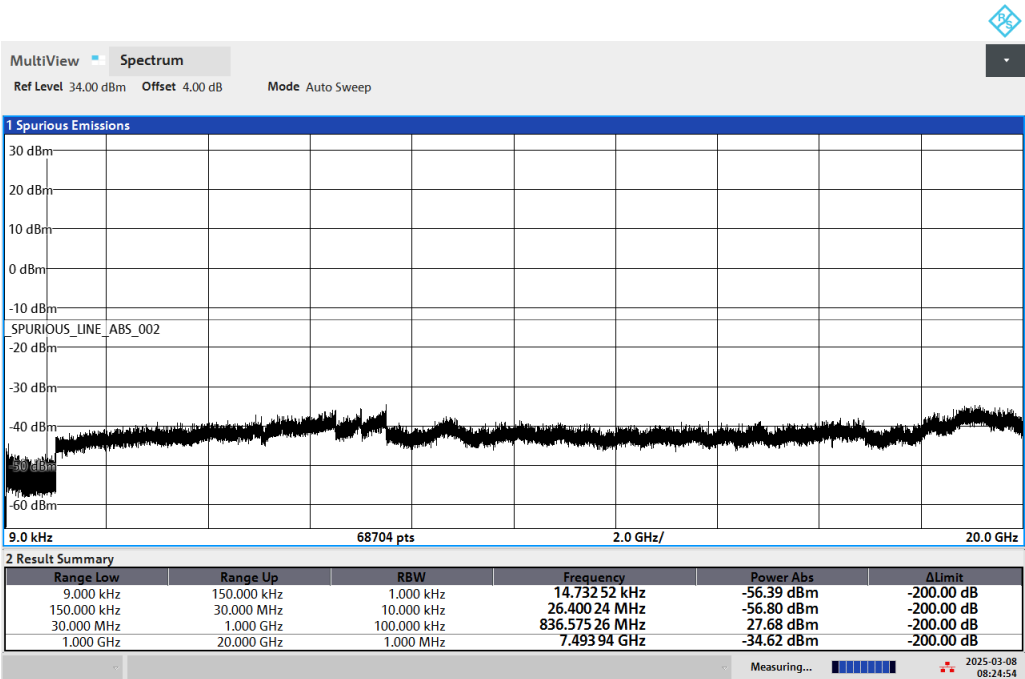
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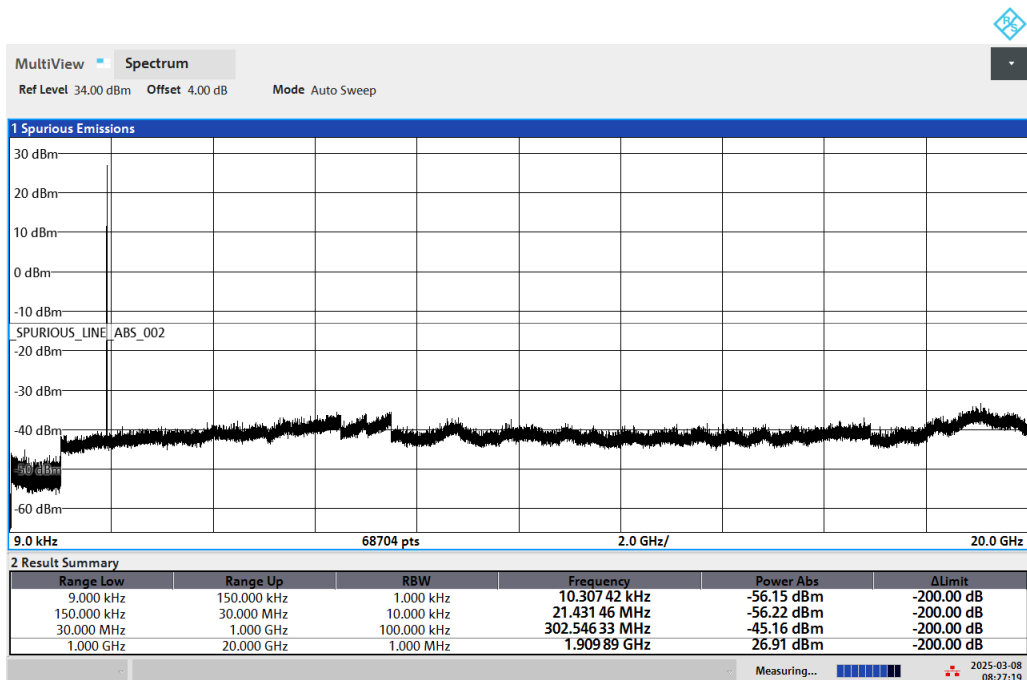
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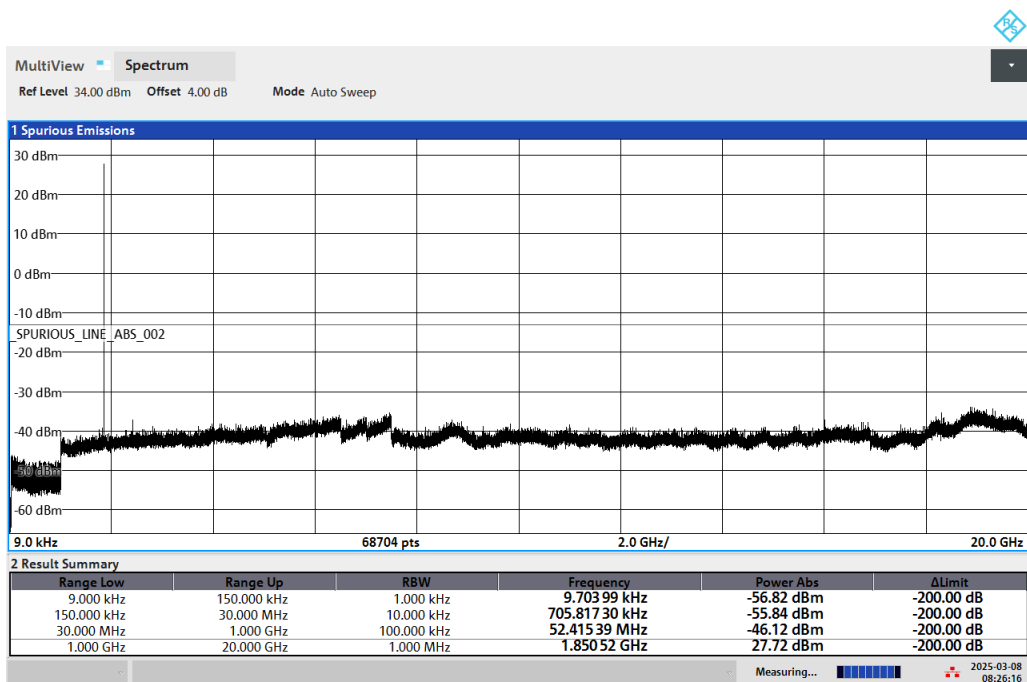
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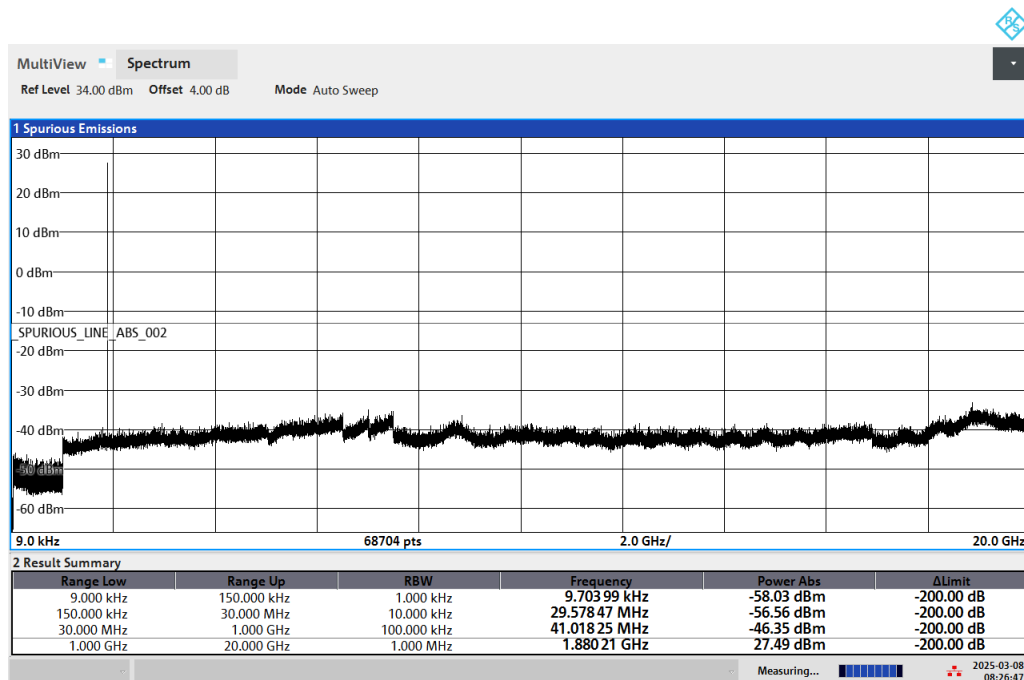
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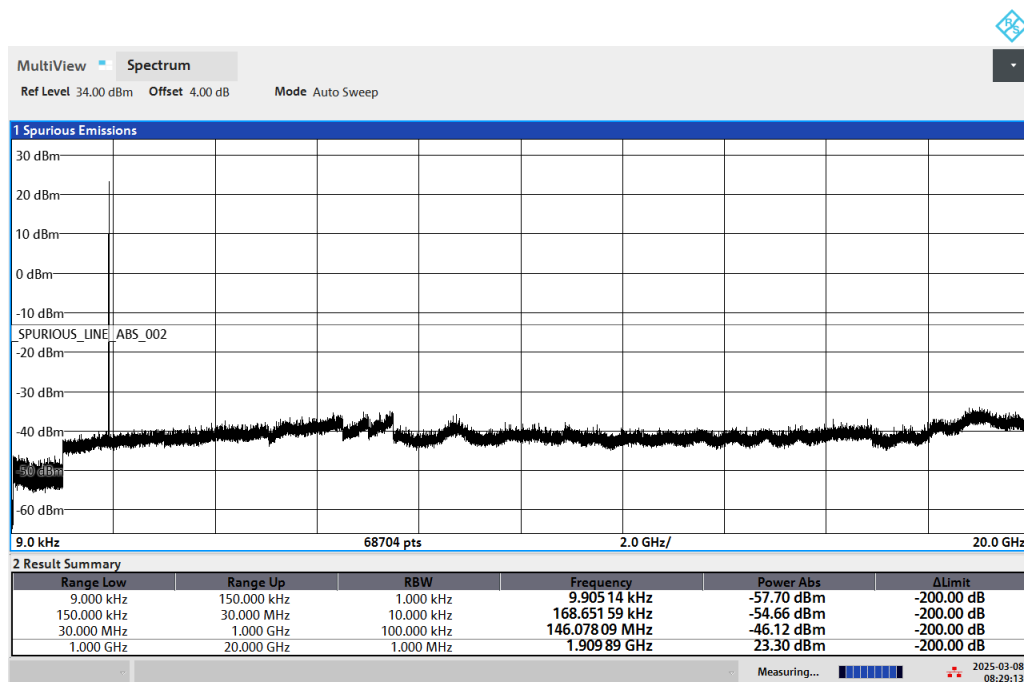
GSM1900\GPRS\H



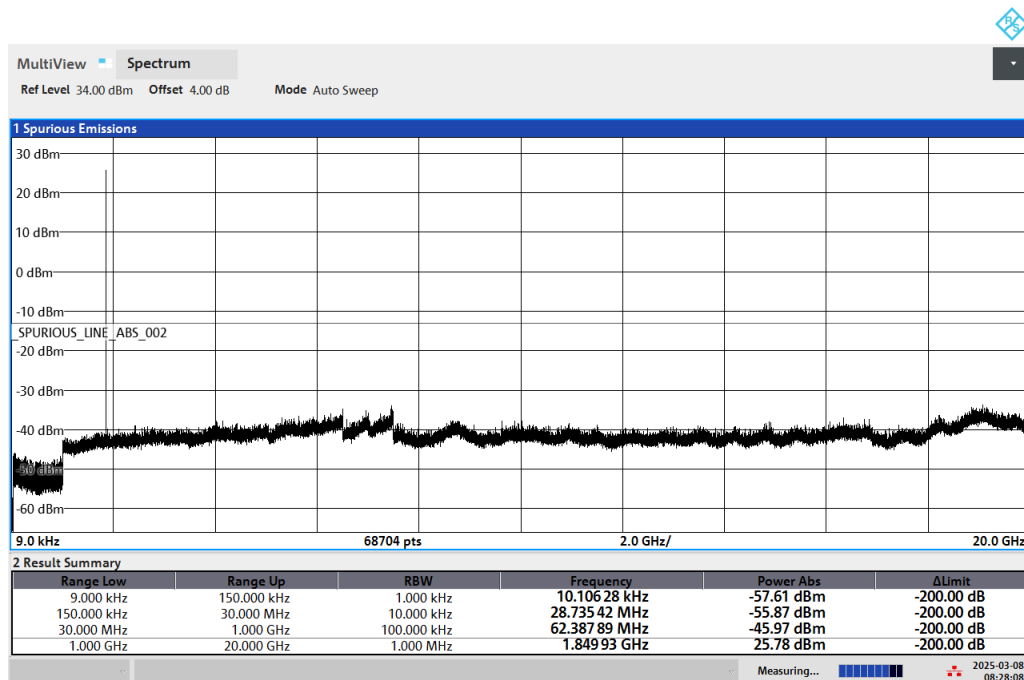
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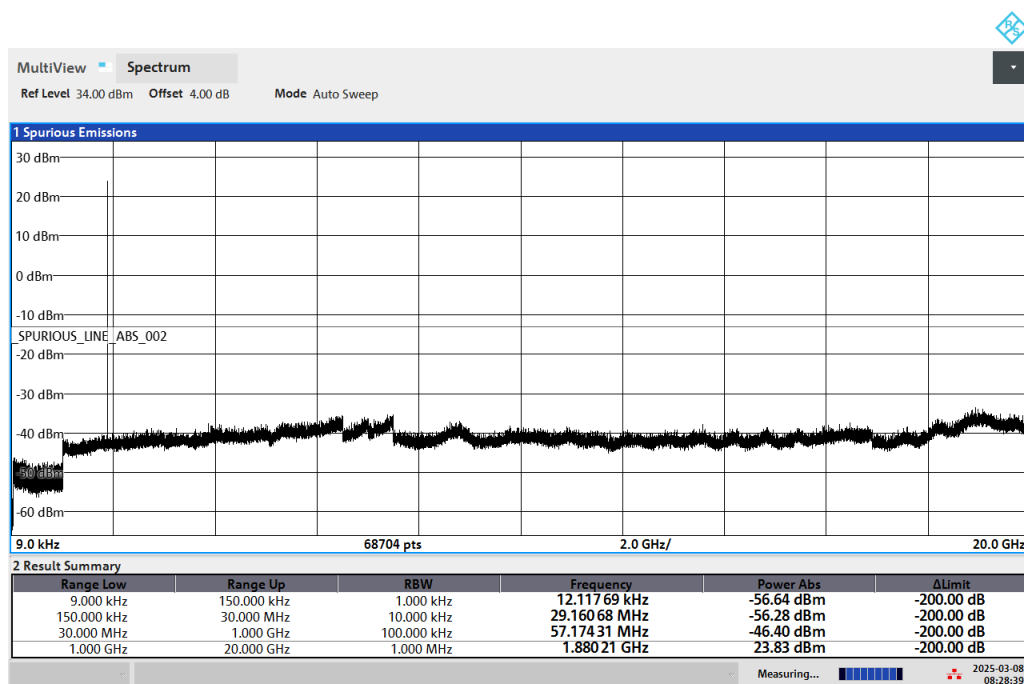
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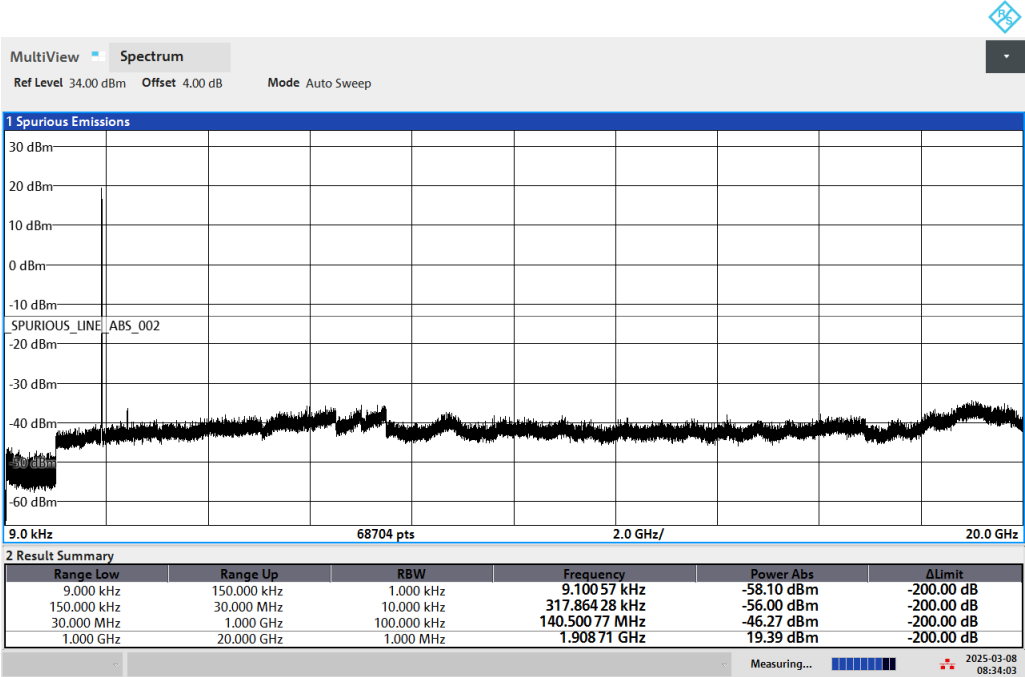
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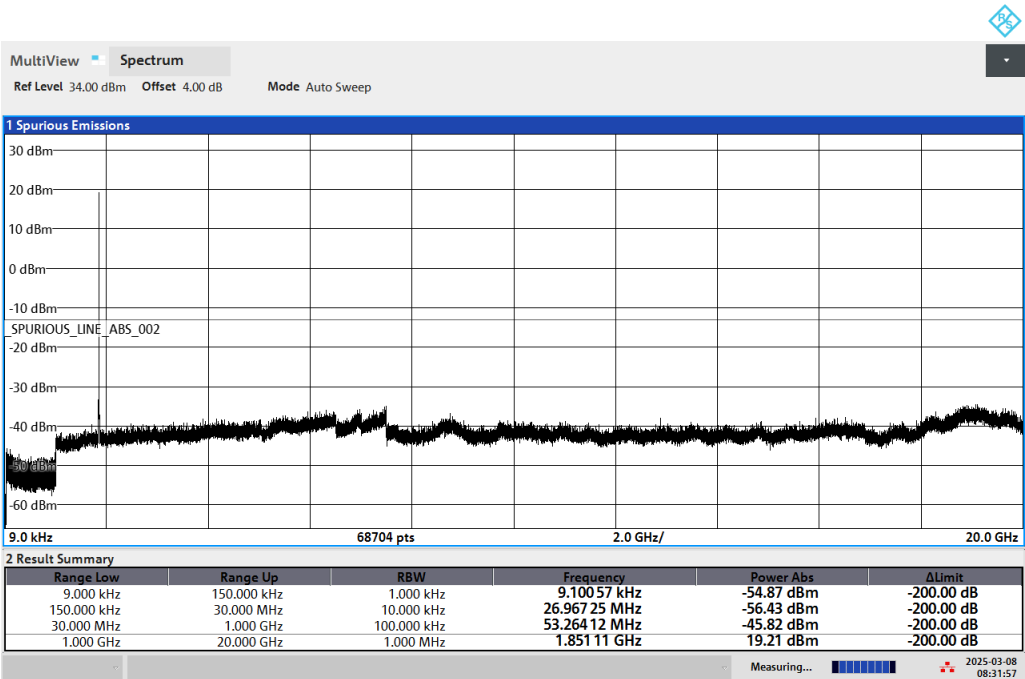
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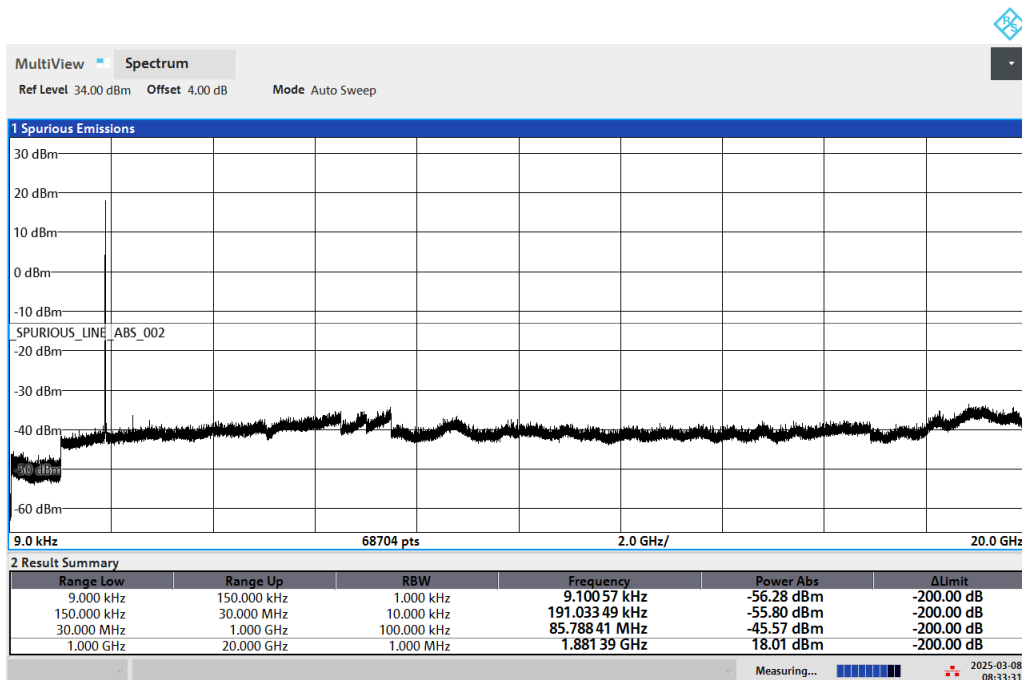
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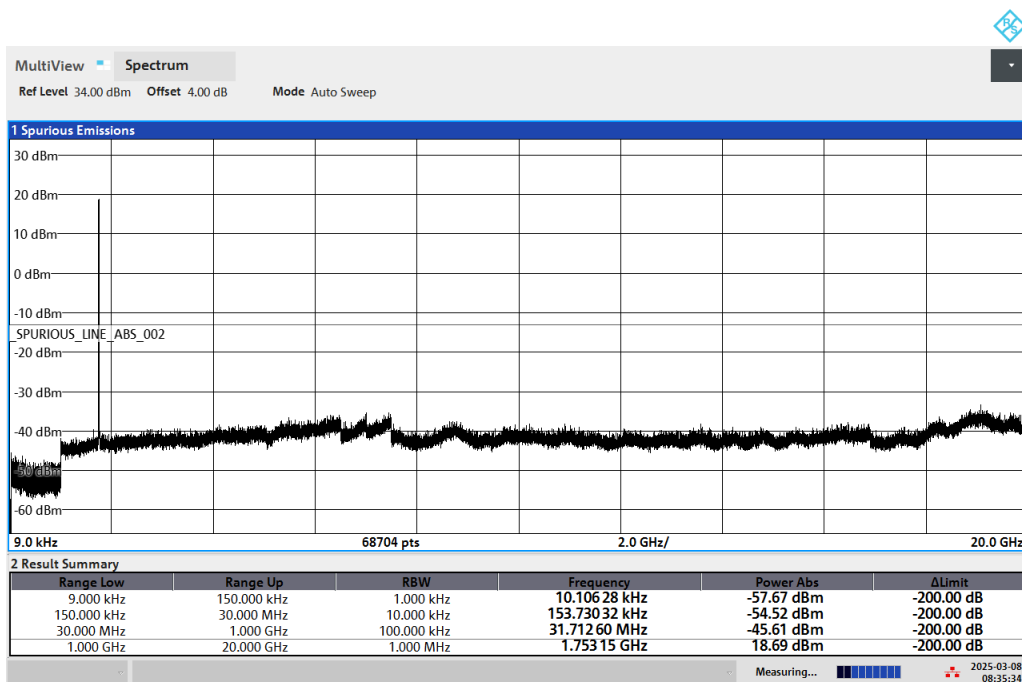
WCDMA Band2\H



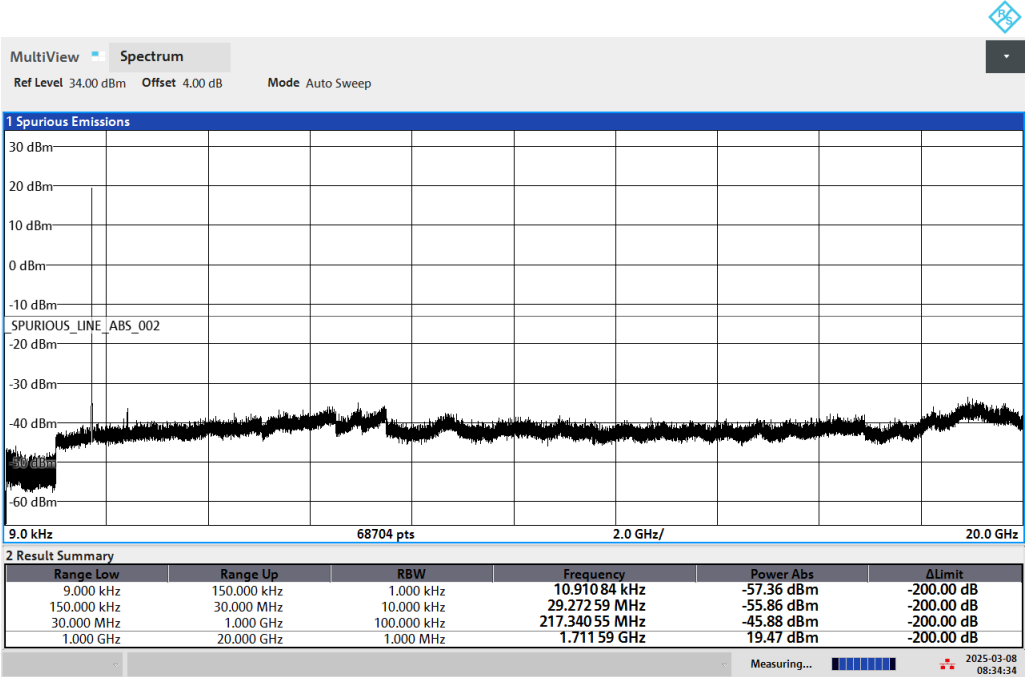
WCDMA Band2\L



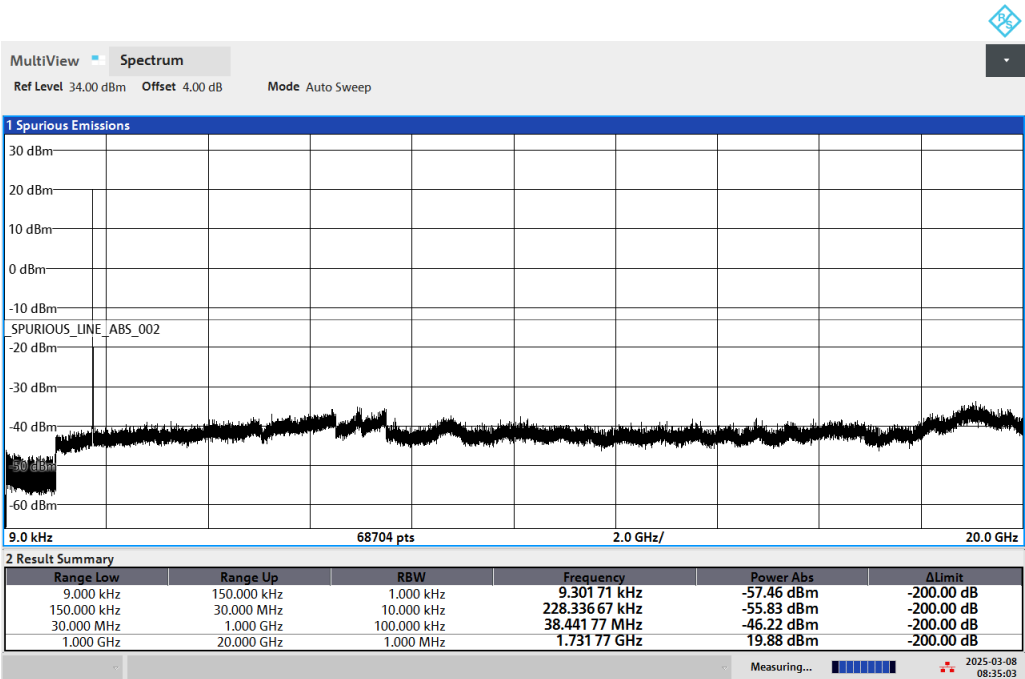
WCDMA Band2\M



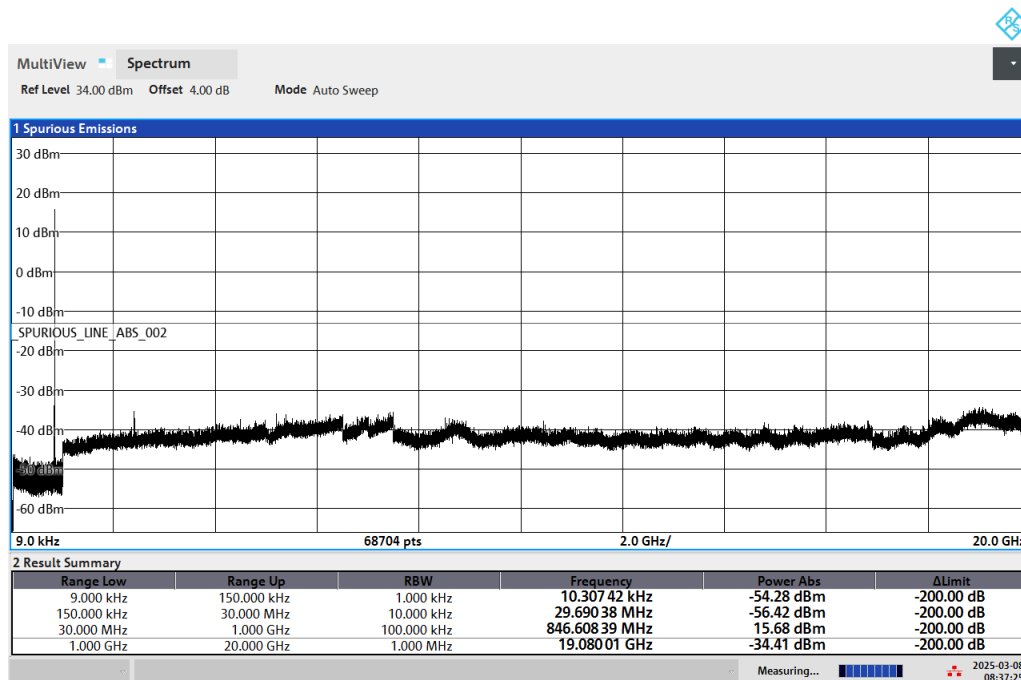
WCDMA Band4\H



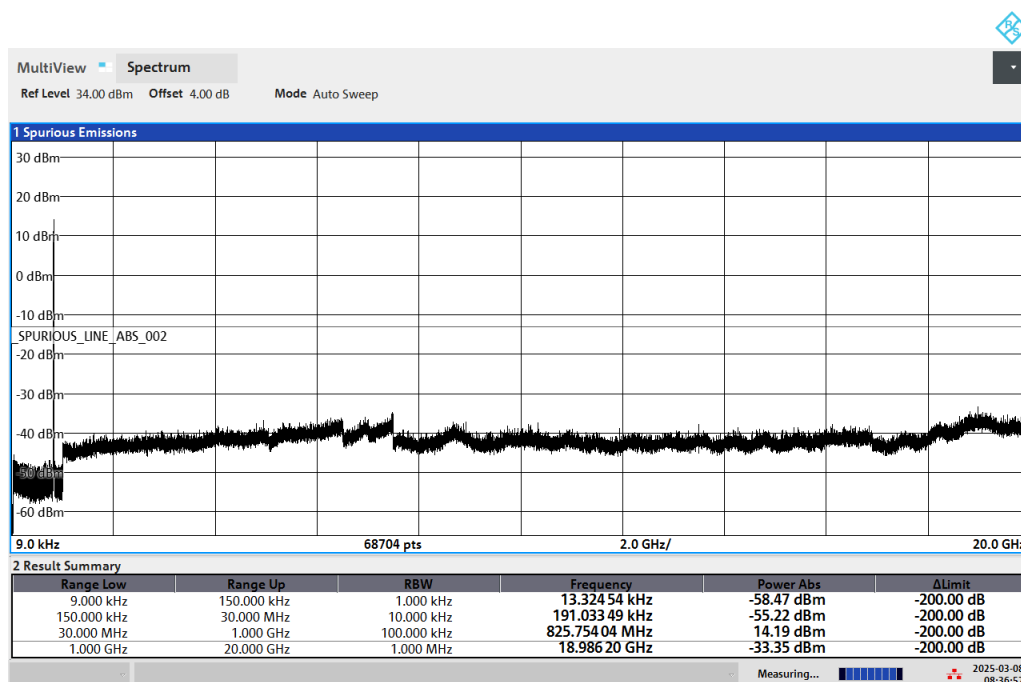
WCDMA Band4\L



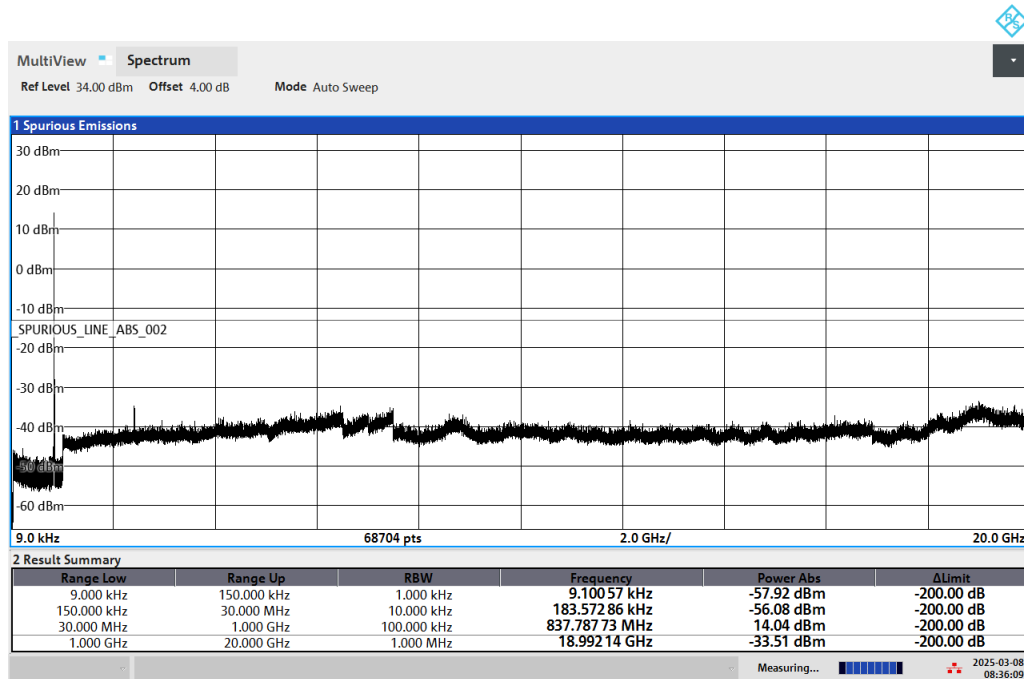
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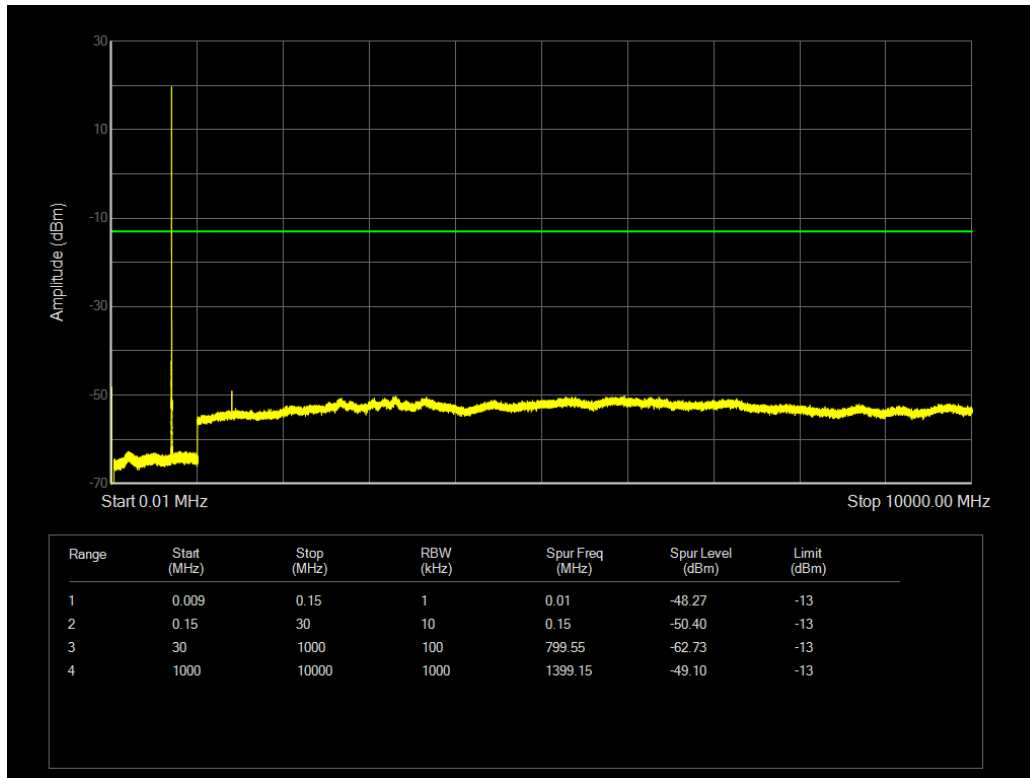
WCDMA Band5\H



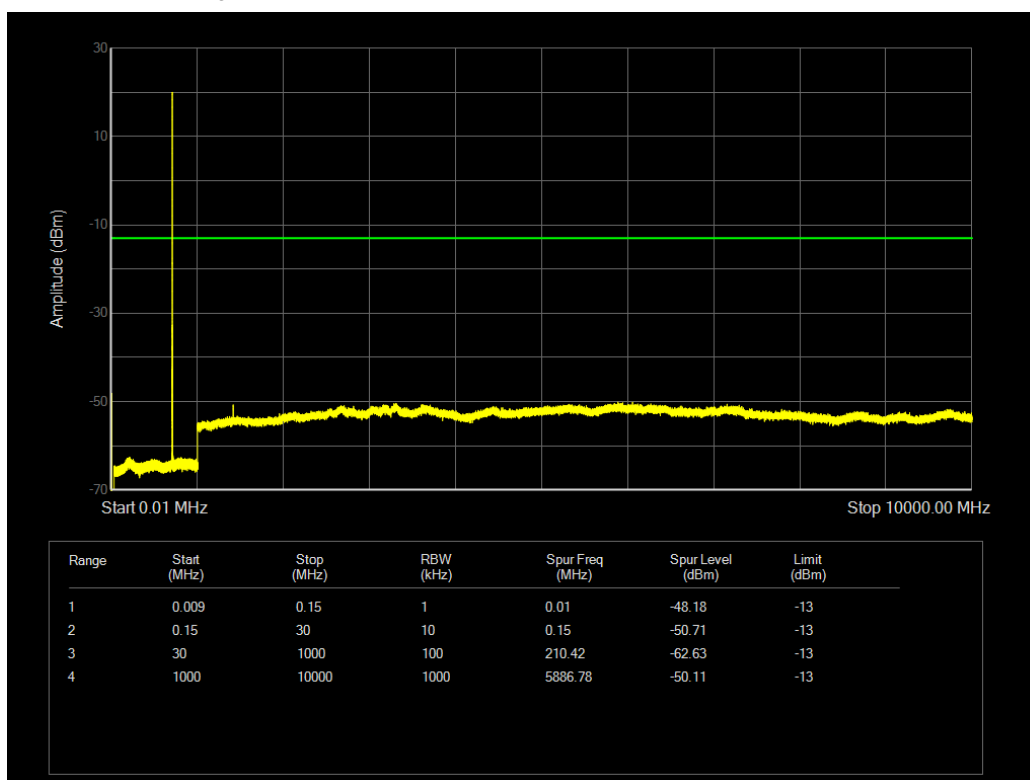
WCDMA Band5\L



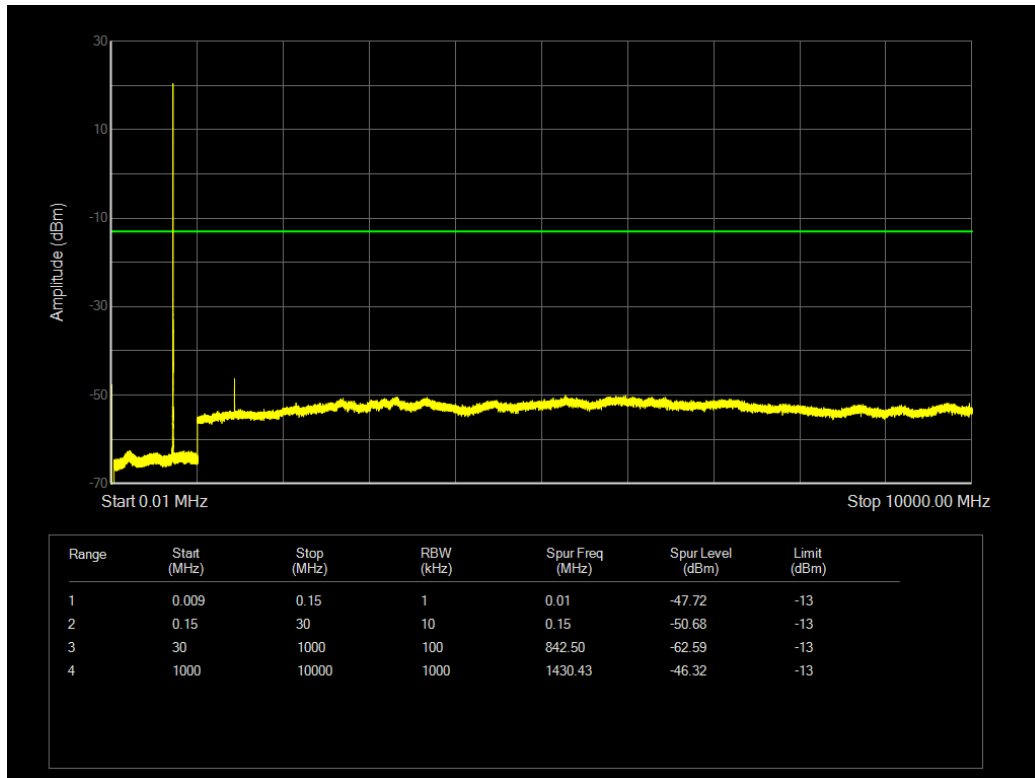
WCDMA Band5\M



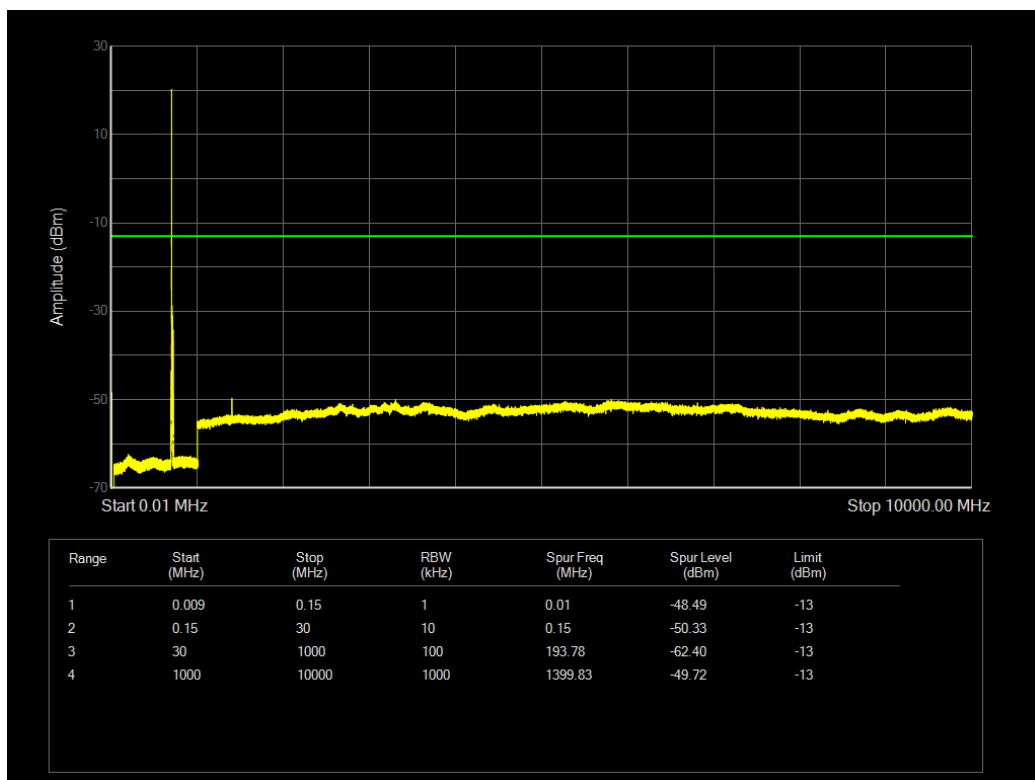
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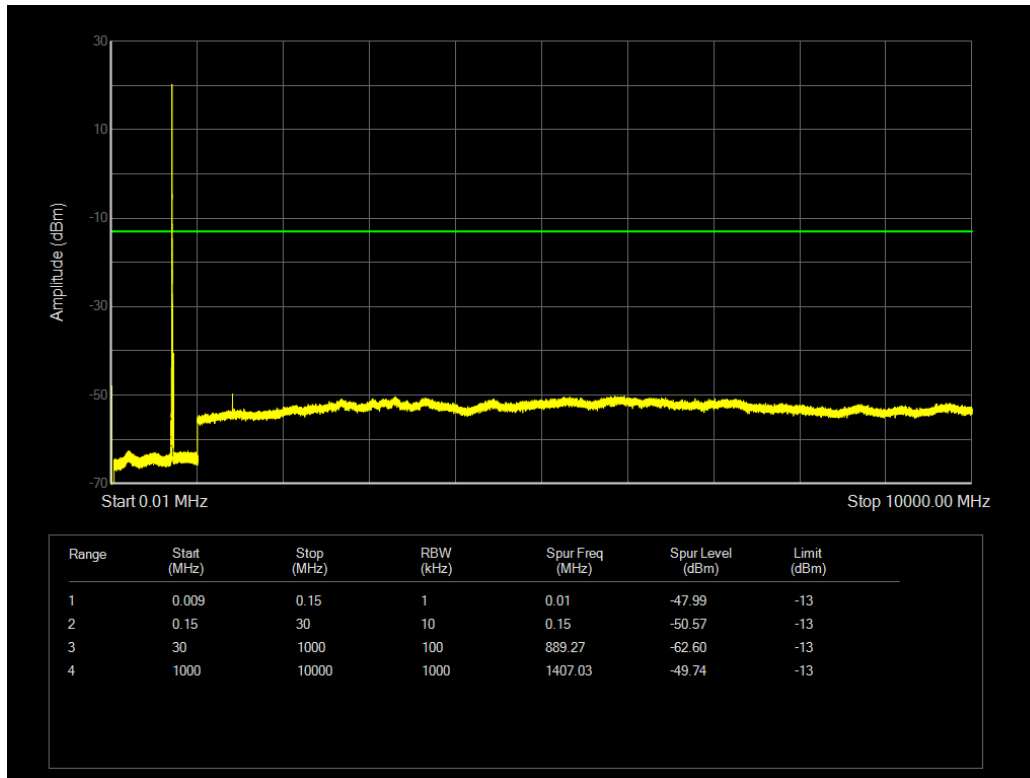
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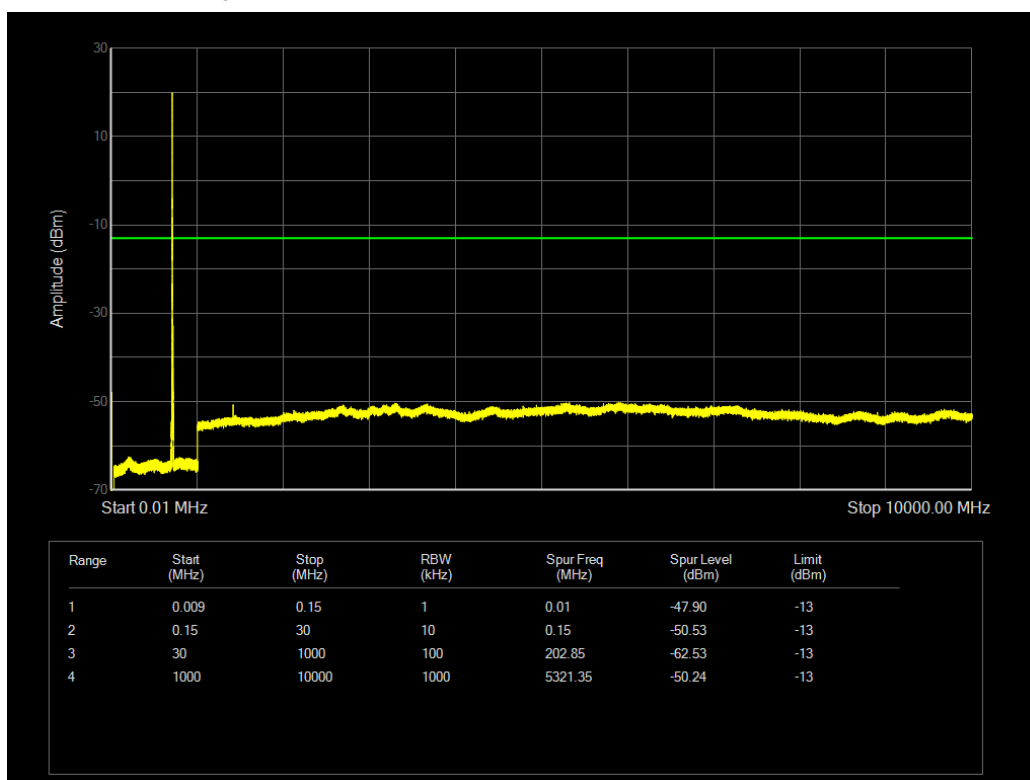
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



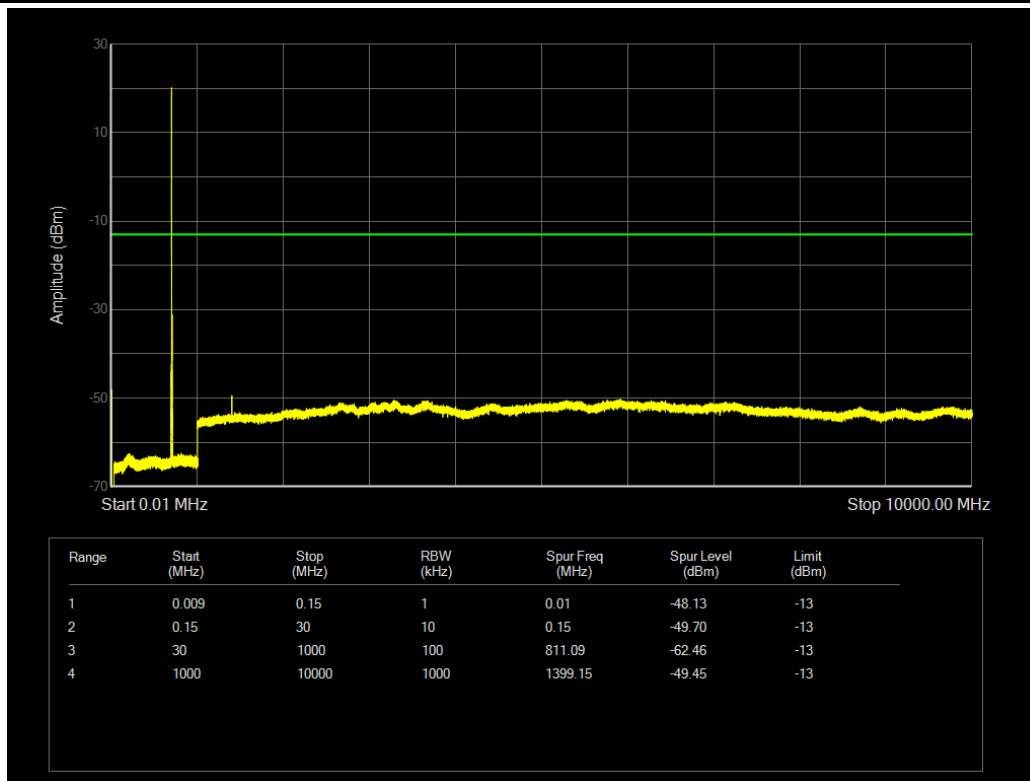
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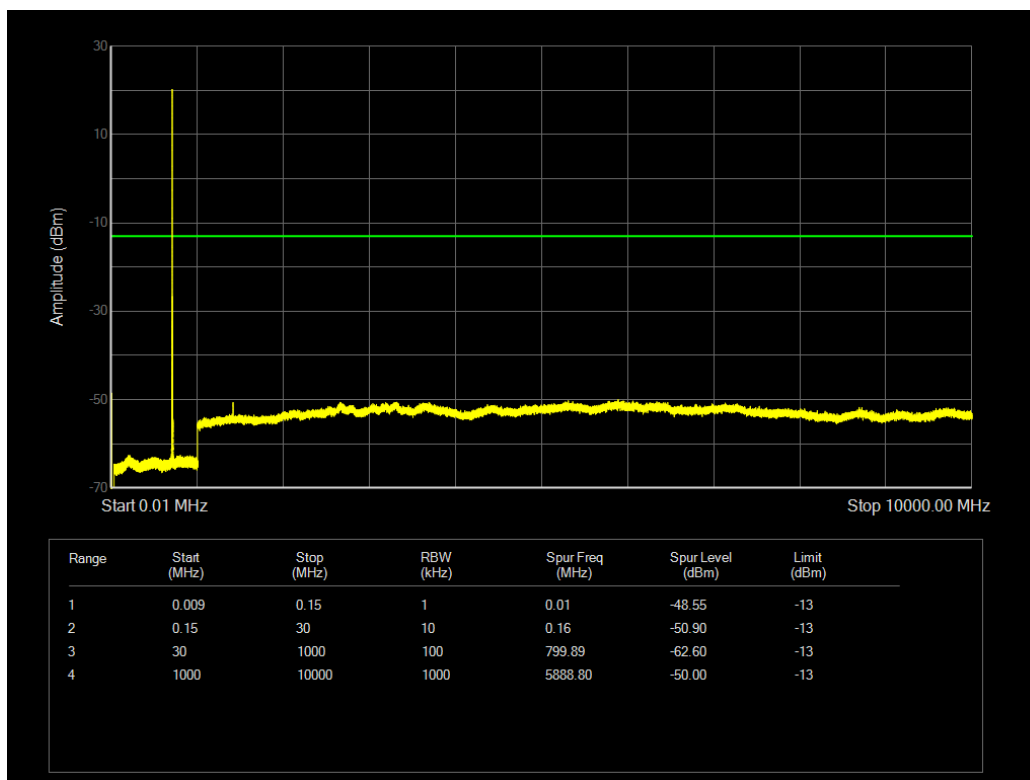
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



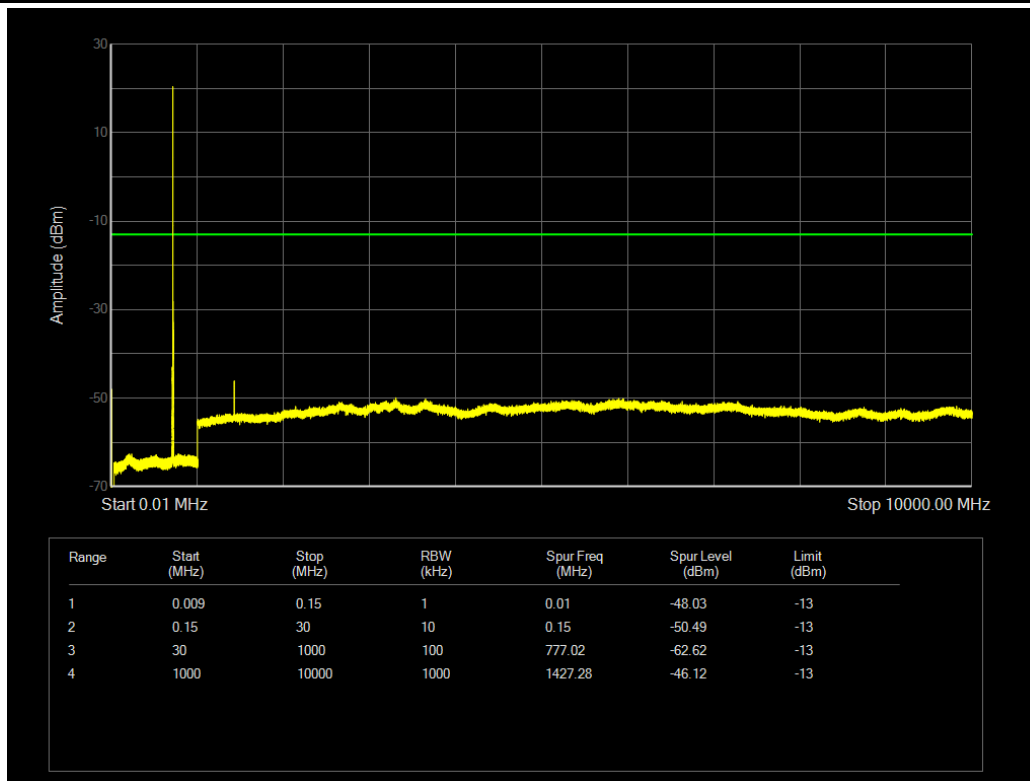
Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



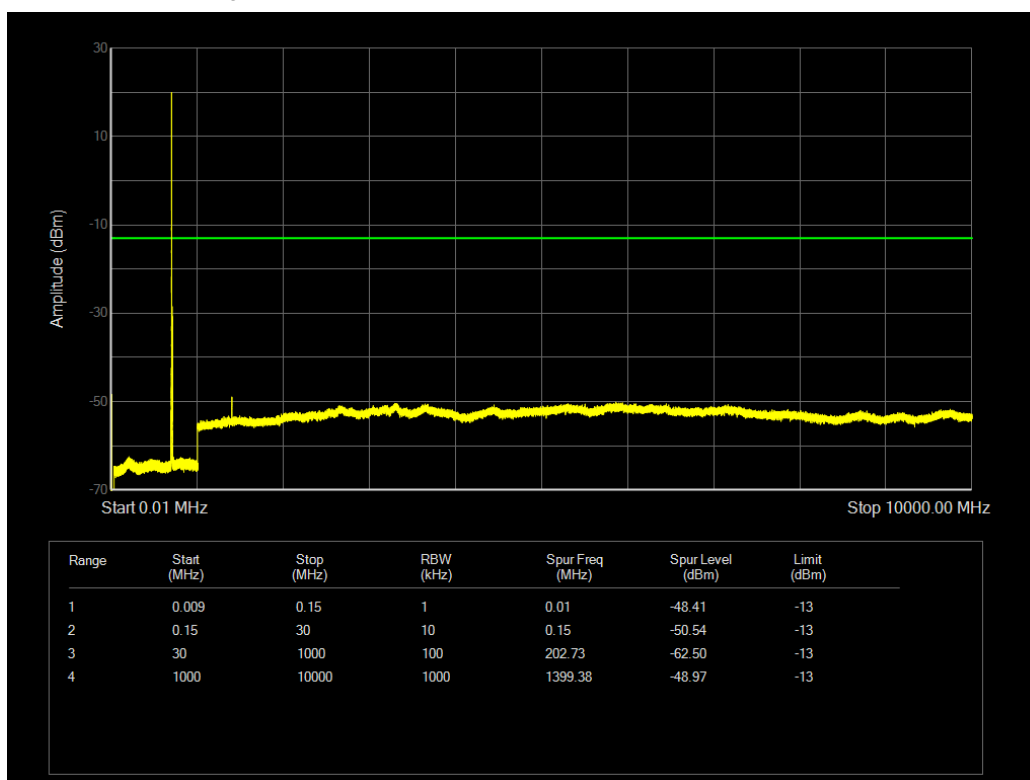
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



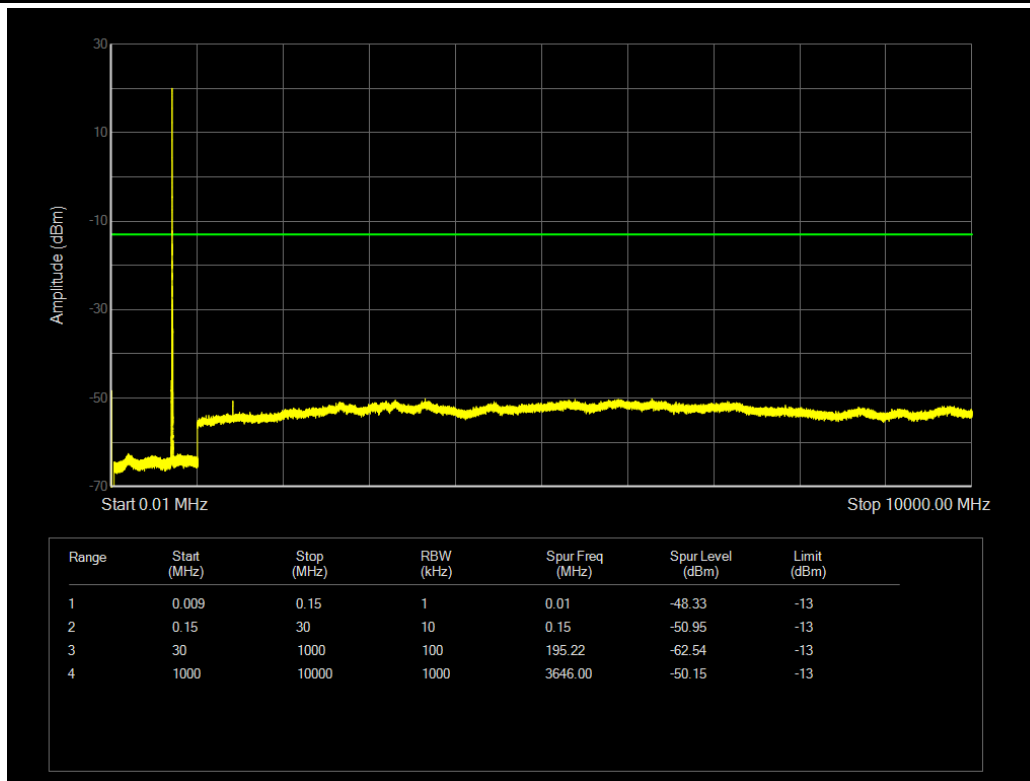
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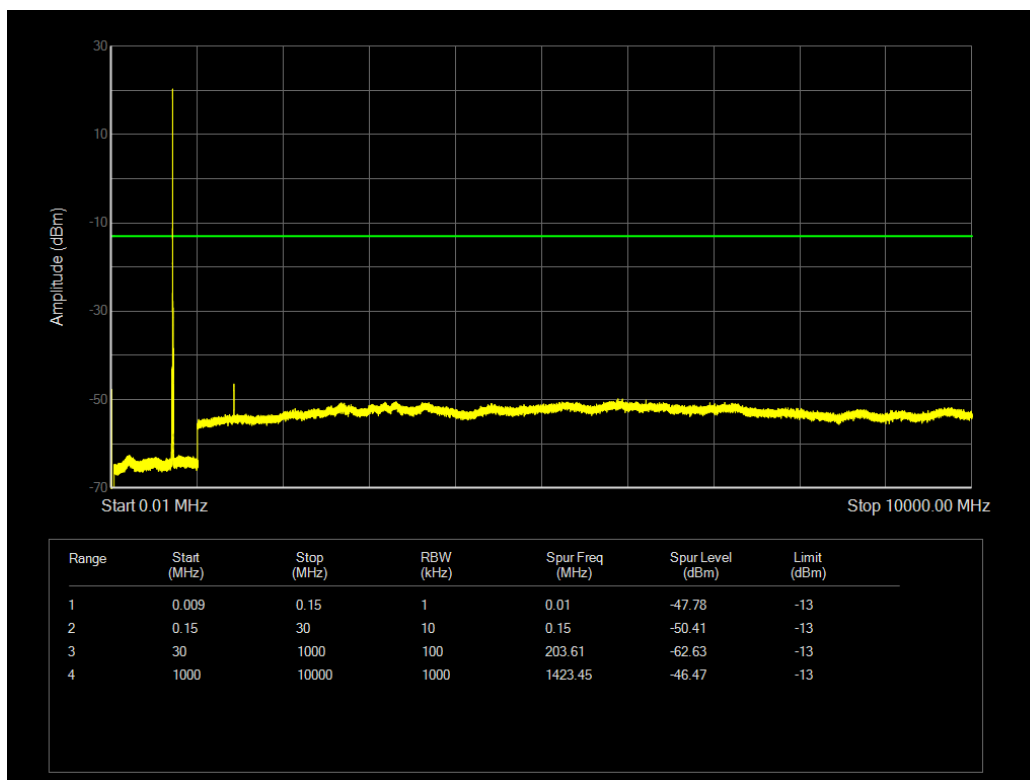
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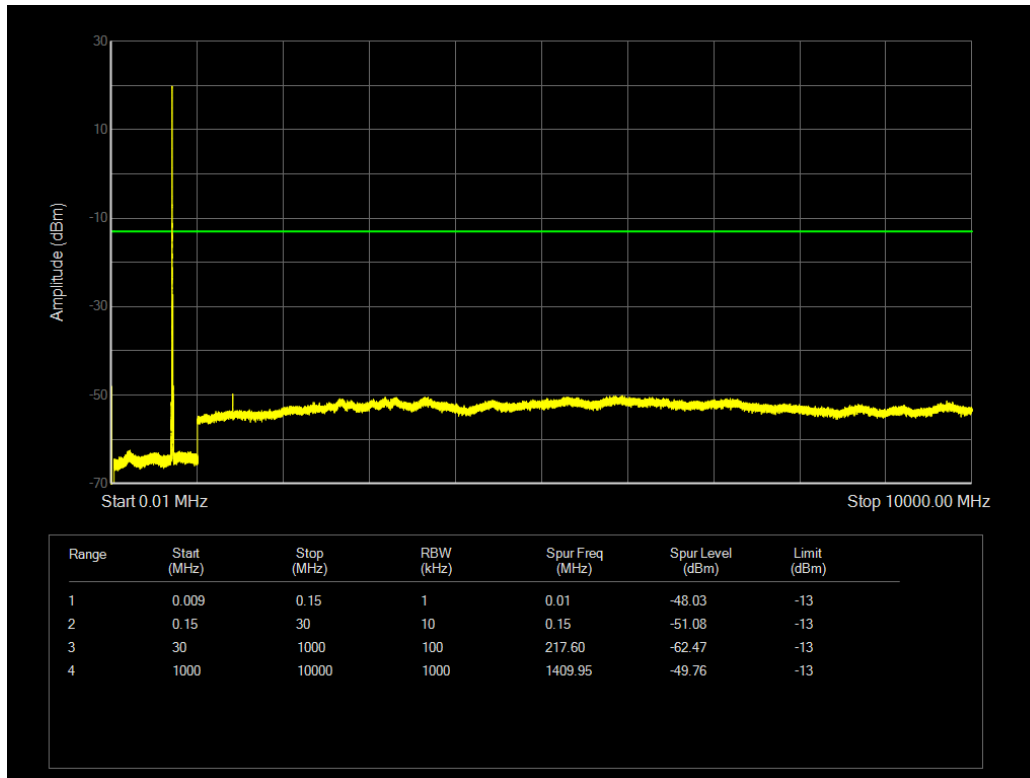
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



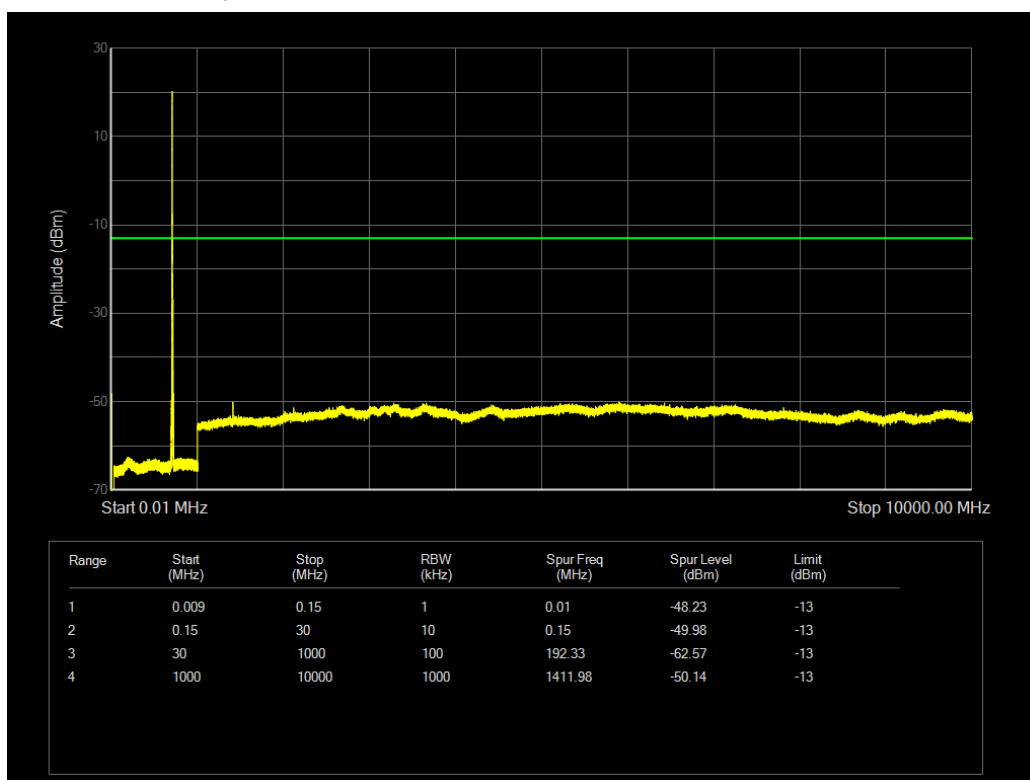
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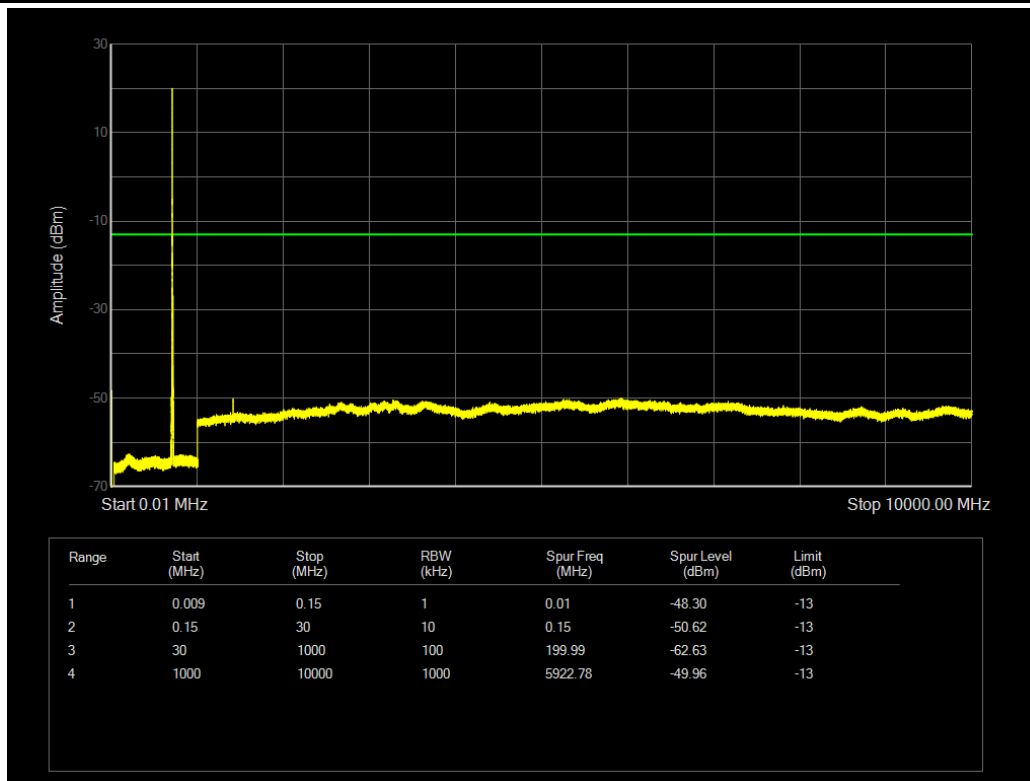
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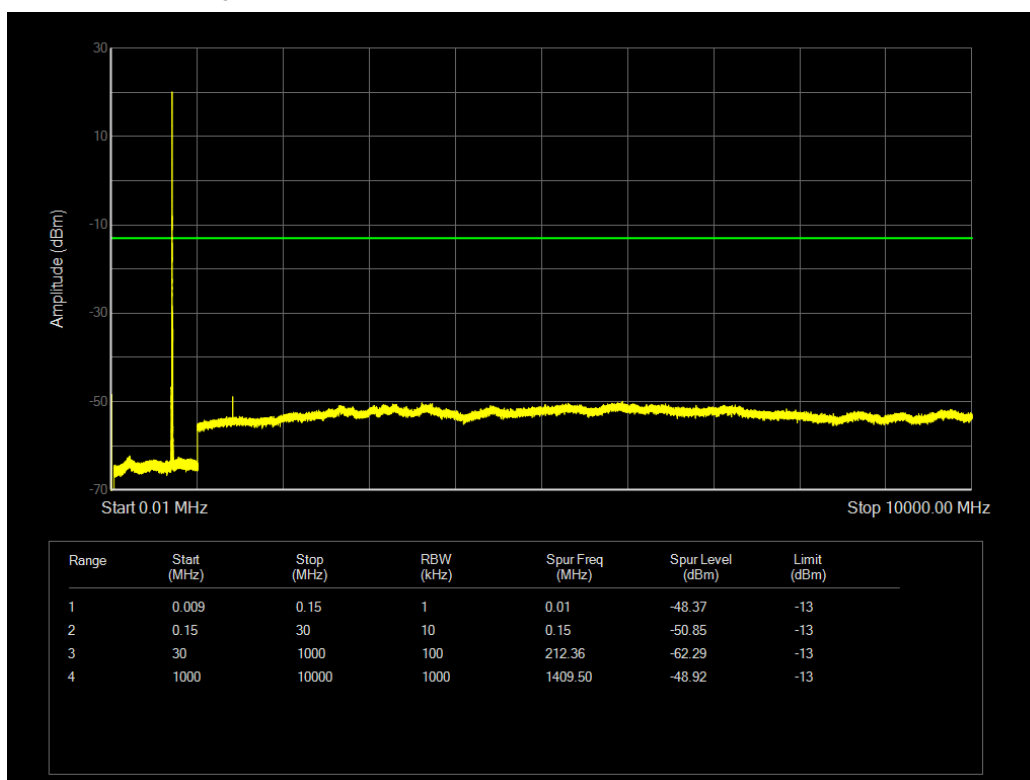
Band17 QPSK BW=10MHz Channel=23780 RB Size=1 Position=#0



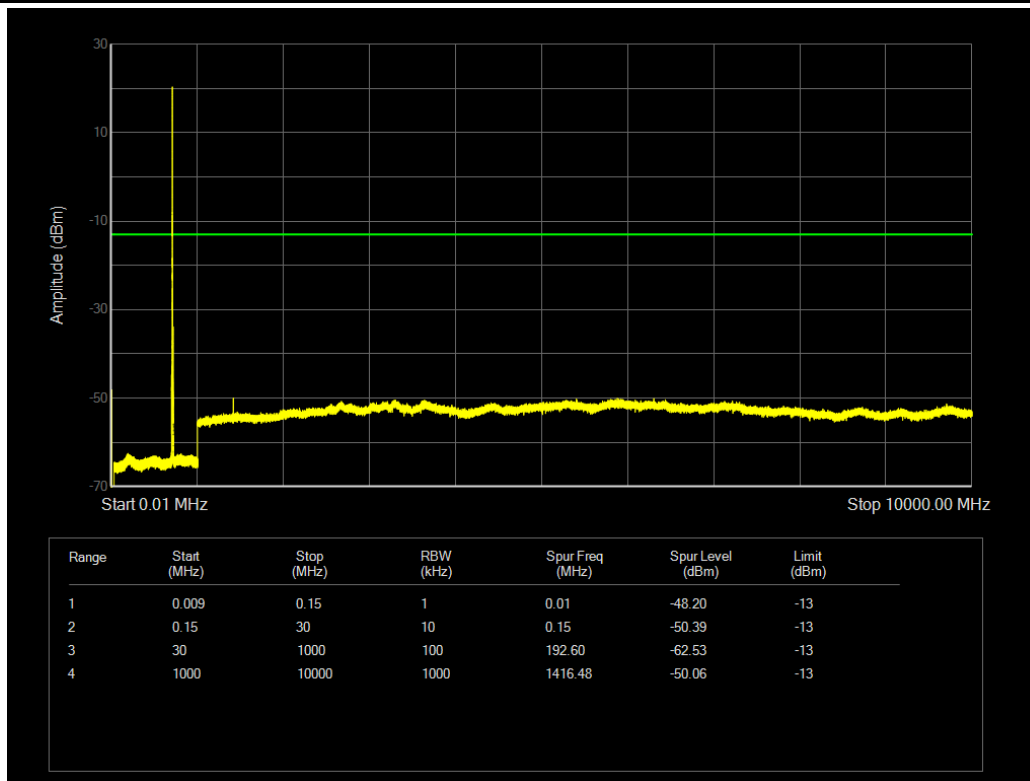
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



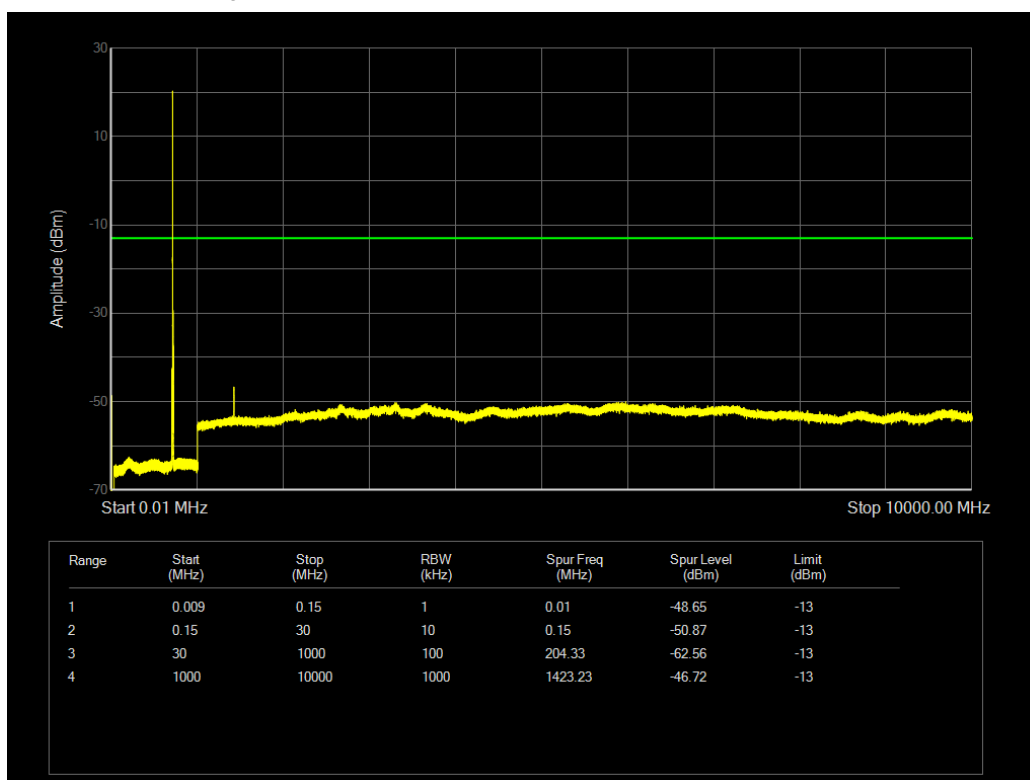
Band17 QPSK BW=10MHz Channel=23800 RB Size=1 Position=#0



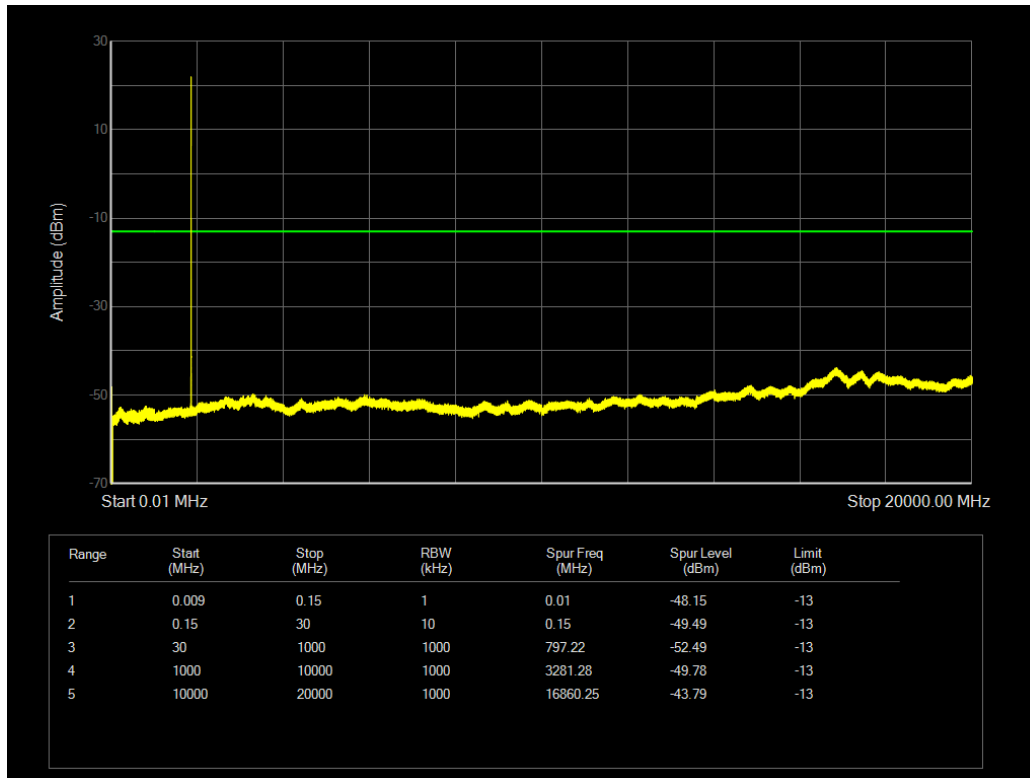
Band17 QPSK BW=5MHz Channel=23755 RB Size=1 Position=#0



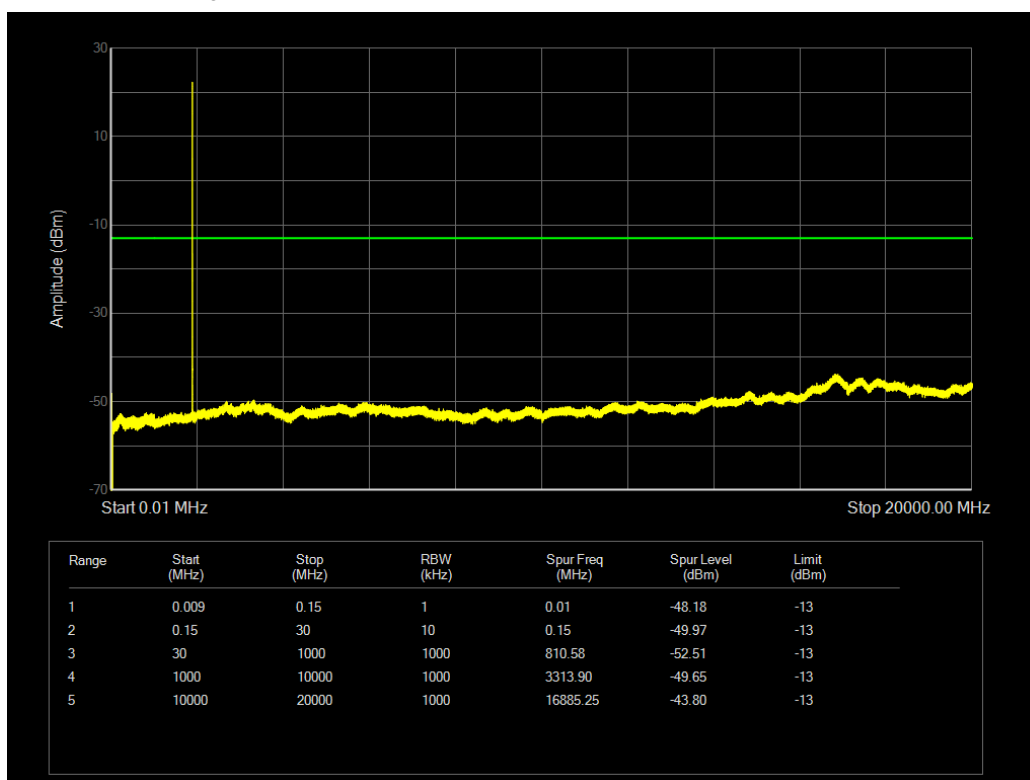
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



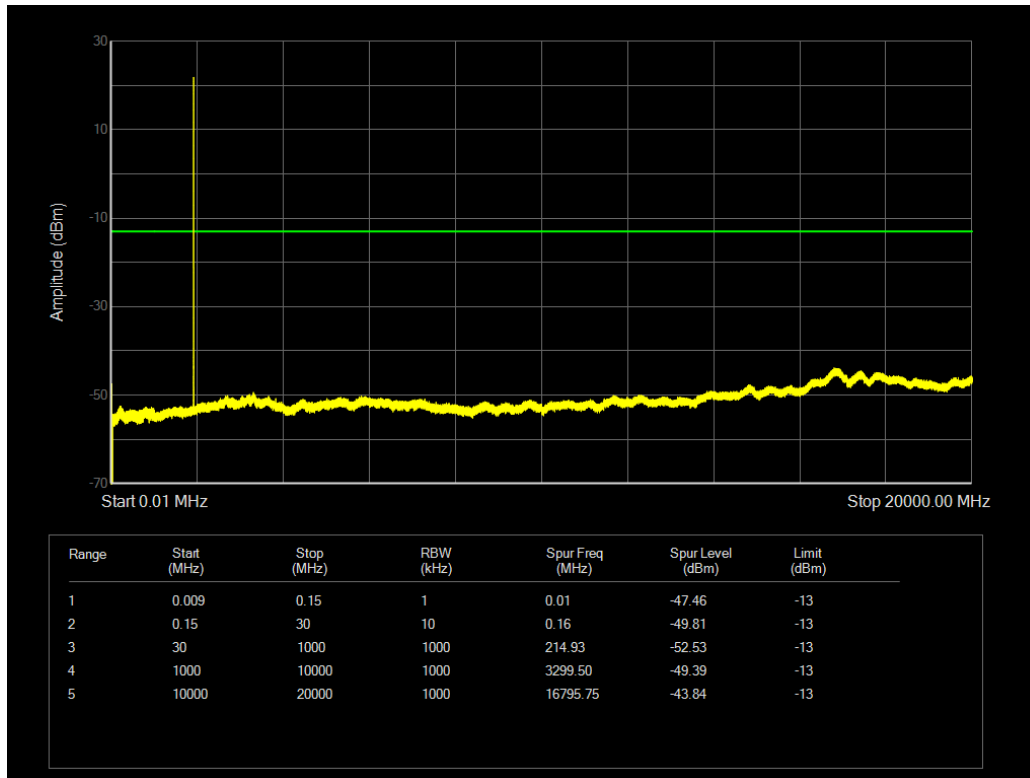
Band17 QPSK BW=5MHz Channel=23825 RB Size=1 Position=#0



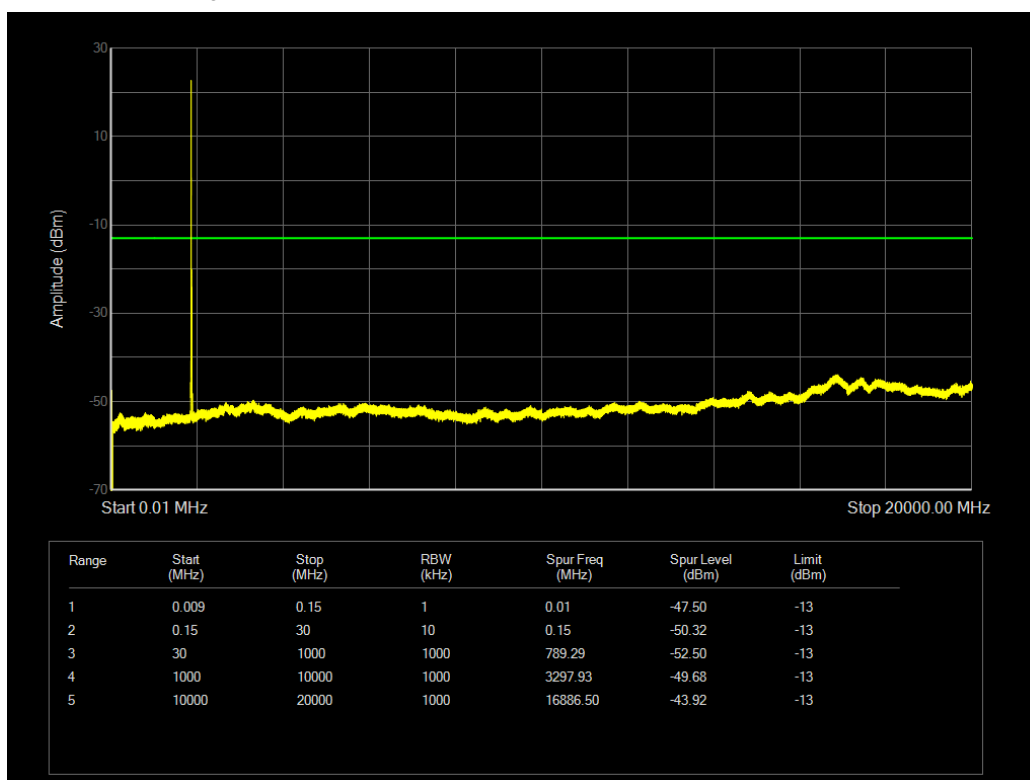
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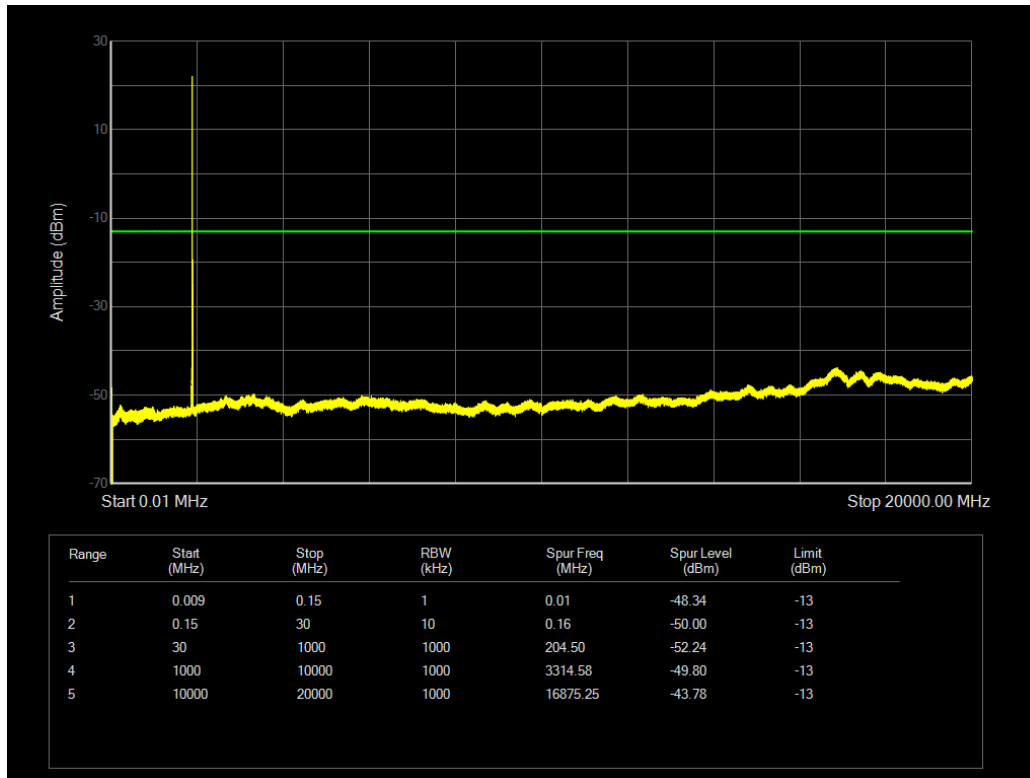
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



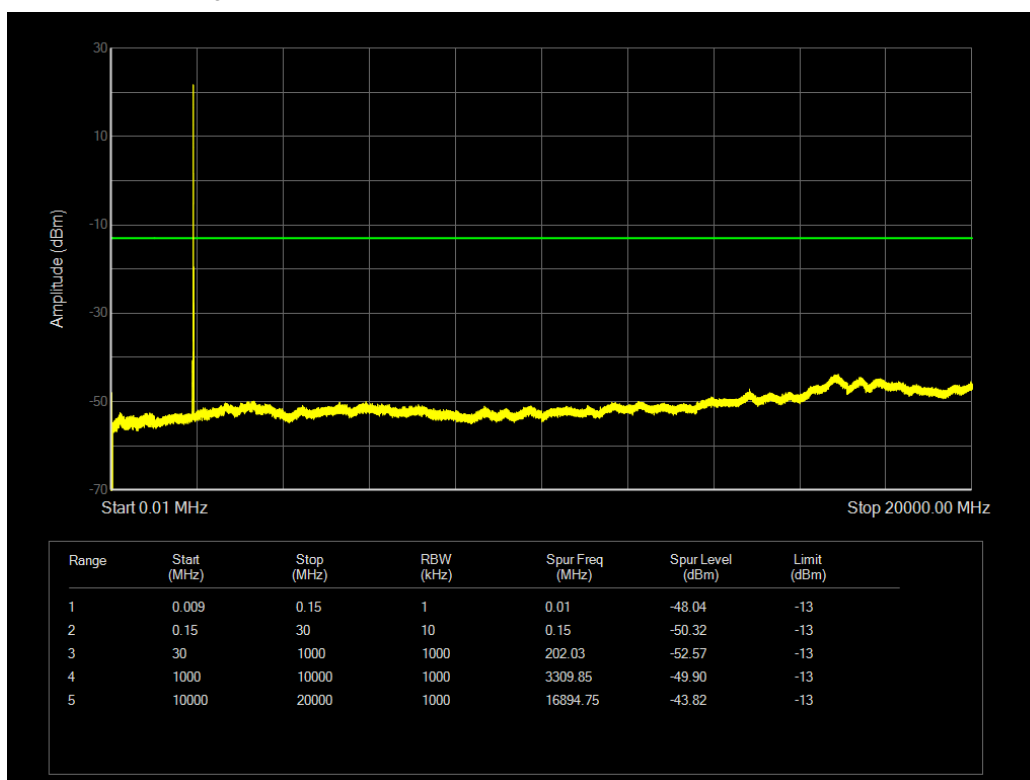
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0