

	Extreme (0°C)		8.00	0.00462	PASS
	Extreme (-10°C)		6.00	0.00346	PASS
	Extreme (-20°C)		7.00	0.00404	PASS
	Extreme (-30°C)		8.00	0.00462	PASS
	25°C	LV	3.00	0.00173	PASS
		HV	4.00	0.00231	PASS
BAND4	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	8.00	0.00462	PASS
	Extreme (50°C)		10.00	0.00577	PASS
	Extreme (40°C)		7.00	0.00404	PASS
	Extreme (30°C)		3.00	0.00173	PASS
	Extreme (20°C)		7.00	0.00404	PASS
	Extreme (10°C)		3.00	0.00173	PASS
	Extreme (0°C)		12.00	0.00693	PASS
	Extreme (-10°C)		4.00	0.00231	PASS
	Extreme (-20°C)		3.00	0.00173	PASS
	Extreme (-30°C)		1.00	0.00058	PASS
	25°C	LV	10.00	0.00577	PASS
		HV	7.00	0.00404	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	9.56	0.01143	PASS
	Extreme (50°C)		8.28	0.00990	PASS
	Extreme (40°C)		10.12	0.01210	PASS
	Extreme (30°C)		16.30	0.01949	PASS
	Extreme (20°C)		7.47	0.00893	PASS
	Extreme (10°C)		15.39	0.01839	PASS
	Extreme (0°C)		16.87	0.02016	PASS
	Extreme (-10°C)		16.57	0.01981	PASS
	Extreme (-20°C)		2.14	0.00256	PASS
	Extreme (-30°C)		4.68	0.00559	PASS
	25°C	LV	2.01	0.00241	PASS
		HV	6.59	0.00788	PASS

BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage	QPSK	QPSK	
BAND5	Normal (25°C)	Normal	8.54	0.01021	PASS
	Extreme (50°C)		16.01	0.01913	PASS
	Extreme (40°C)		9.16	0.01095	PASS
	Extreme (30°C)		3.90	0.00467	PASS
	Extreme (20°C)		8.90	0.01064	PASS
	Extreme (10°C)		12.26	0.01466	PASS
	Extreme (0°C)		11.89	0.01421	PASS
	Extreme (-10°C)		12.58	0.01503	PASS
	Extreme (-20°C)		5.93	0.00709	PASS
	Extreme (-30°C)		14.21	0.01699	PASS
	25°C	LV	14.53	0.01738	PASS
		HV	12.31	0.01471	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	7.52	0.00899	PASS
	Extreme (50°C)		2.73	0.00326	PASS
	Extreme (40°C)		13.22	0.01580	PASS
	Extreme (30°C)		7.06	0.00844	PASS
	Extreme (20°C)		13.76	0.01645	PASS
	Extreme (10°C)		3.83	0.00458	PASS
	Extreme (0°C)		7.54	0.00902	PASS
	Extreme (-10°C)		17.35	0.02074	PASS
	Extreme (-20°C)		15.06	0.01800	PASS
	Extreme (-30°C)		16.78	0.02006	PASS
	25°C	LV	4.57	0.00546	PASS
		HV	3.94	0.00471	PASS
BAND5	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	8.86	0.01059	PASS
	Extreme (50°C)		15.85	0.01895	PASS
	Extreme (40°C)		5.49	0.00657	PASS
	Extreme (30°C)		3.03	0.00362	PASS
	Extreme (20°C)		7.98	0.00954	PASS
	Extreme (10°C)		8.60	0.01028	PASS

	Extreme (0°C)		14.48	0.01731	PASS
	Extreme (-10°C)		11.86	0.01417	PASS
	Extreme (-20°C)		14.34	0.01714	PASS
	Extreme (-30°C)		12.33	0.01474	PASS
	25°C	LV	10.53	0.01259	PASS
		HV	8.63	0.01032	PASS

BAND7	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	16.20	0.00639	PASS
	Extreme (50°C)		4.47	0.00176	PASS
	Extreme (40°C)		15.88	0.00626	PASS
	Extreme (30°C)		1.70	0.00067	PASS
	Extreme (20°C)		9.79	0.00386	PASS
	Extreme (10°C)		7.40	0.00292	PASS
	Extreme (0°C)		6.17	0.00244	PASS
	Extreme (-10°C)		9.30	0.00367	PASS
	Extreme (-20°C)		6.80	0.00268	PASS
	Extreme (-30°C)		17.94	0.00708	PASS
	25°C	LV	10.61	0.00419	PASS
		HV	5.95	0.00235	PASS

BAND7	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	17.41	0.00687	PASS
	Extreme (50°C)		9.85	0.00389	PASS
	Extreme (40°C)		13.55	0.00534	PASS
	Extreme (30°C)		8.54	0.00337	PASS
	Extreme (20°C)		17.22	0.00679	PASS
	Extreme (10°C)		3.78	0.00149	PASS
	Extreme (0°C)		1.34	0.00053	PASS
	Extreme (-10°C)		16.67	0.00657	PASS
	Extreme (-20°C)		16.93	0.00668	PASS
	Extreme (-30°C)		6.12	0.00241	PASS
	25°C	LV	2.13	0.00084	PASS
		HV	15.49	0.00611	PASS

BAND7	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	

	Normal (25°C)	Normal	7.64	0.00301	PASS
	Extreme (50°C)		17.50	0.00690	PASS
	Extreme (40°C)		1.57	0.00062	PASS
	Extreme (30°C)		11.35	0.00448	PASS
	Extreme (20°C)		11.67	0.00460	PASS
	Extreme (10°C)		6.25	0.00247	PASS
	Extreme (0°C)		12.15	0.00479	PASS
	Extreme (-10°C)		2.44	0.00096	PASS
	Extreme (-20°C)		14.92	0.00589	PASS
	Extreme (-30°C)		7.90	0.00312	PASS
	25°C	LV	14.84	0.00586	PASS
		HV	6.58	0.00260	PASS
BAND7	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	3.22	0.00127	PASS
	Extreme (50°C)		8.46	0.00334	PASS
	Extreme (40°C)		13.44	0.00530	PASS
	Extreme (30°C)		15.21	0.00600	PASS
	Extreme (20°C)		15.50	0.00612	PASS
	Extreme (10°C)		14.82	0.00584	PASS
	Extreme (0°C)		1.77	0.00070	PASS
	Extreme (-10°C)		17.39	0.00686	PASS
	Extreme (-20°C)		6.46	0.00255	PASS
	Extreme (-30°C)		10.43	0.00411	PASS
	25°C	LV	9.98	0.00394	PASS
		HV	13.92	0.00549	PASS

BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	1.4MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	14.14	0.00810	PASS
	Extreme (50°C)		2.38	0.00137	PASS
	Extreme (40°C)		13.84	0.00793	PASS
	Extreme (30°C)		8.94	0.00512	PASS
	Extreme (20°C)		11.43	0.00655	PASS
	Extreme (10°C)		4.90	0.00281	PASS
	Extreme (0°C)		15.28	0.00875	PASS
	Extreme (-10°C)		15.49	0.00887	PASS
	Extreme (-20°C)		2.06	0.00118	PASS
	Extreme (-30°C)		8.09	0.00464	PASS

	25°C	LV	16.63	0.00953	PASS
		HV	16.19	0.00928	PASS
BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	3MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	2.43	0.00139	PASS
	Extreme (50°C)		6.19	0.00355	PASS
	Extreme (40°C)		16.63	0.00953	PASS
	Extreme (30°C)		2.62	0.00150	PASS
	Extreme (20°C)		17.76	0.01018	PASS
	Extreme (10°C)		10.24	0.00587	PASS
	Extreme (0°C)		1.43	0.00082	PASS
	Extreme (-10°C)		17.39	0.00996	PASS
	Extreme (-20°C)		11.45	0.00656	PASS
	Extreme (-30°C)		12.13	0.00695	PASS
	25°C	LV	1.75	0.00100	PASS
		HV	3.09	0.00177	PASS
BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	5MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	7.07	0.00405	PASS
	Extreme (50°C)		13.02	0.00746	PASS
	Extreme (40°C)		13.82	0.00792	PASS
	Extreme (30°C)		12.18	0.00698	PASS
	Extreme (20°C)		10.85	0.00622	PASS
	Extreme (10°C)		7.18	0.00412	PASS
	Extreme (0°C)		14.61	0.00837	PASS
	Extreme (-10°C)		3.85	0.00221	PASS
	Extreme (-20°C)		3.58	0.00205	PASS
	Extreme (-30°C)		7.67	0.00439	PASS
	25°C	LV	7.59	0.00435	PASS
		HV	1.38	0.00079	PASS
BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	10MHz			
	Temperature	Voltage			
	Normal (25°C)	Normal	15.70	0.00900	PASS
	Extreme (50°C)		14.23	0.00815	PASS
	Extreme (40°C)		17.17	0.00984	PASS
	Extreme (30°C)		2.44	0.00140	PASS
	Extreme (20°C)		17.46	0.01001	PASS

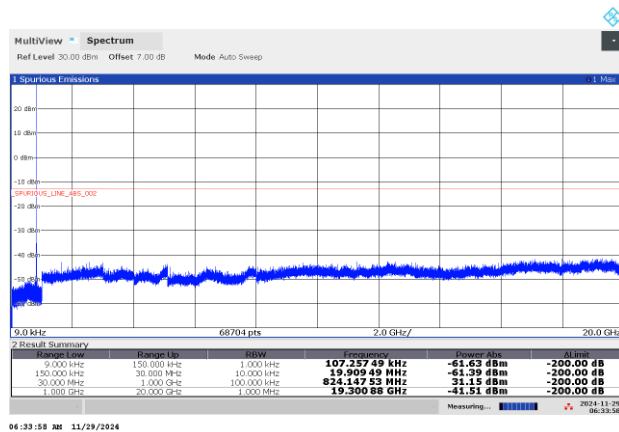
	Extreme (10°C)		8.86	0.00507	PASS
	Extreme (0°C)		12.35	0.00708	PASS
	Extreme (-10°C)		2.61	0.00149	PASS
	Extreme (-20°C)		1.80	0.00103	PASS
	Extreme (-30°C)		12.50	0.00716	PASS
	25°C	LV	12.80	0.00733	PASS
		HV	17.96	0.01029	PASS
BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	15MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	5.56	0.00319	PASS
	Extreme (50°C)		3.90	0.00223	PASS
	Extreme (40°C)		15.88	0.00910	PASS
	Extreme (30°C)		3.43	0.00196	PASS
	Extreme (20°C)		1.36	0.00078	PASS
	Extreme (10°C)		9.42	0.00540	PASS
	Extreme (0°C)		8.14	0.00467	PASS
	Extreme (-10°C)		2.99	0.00171	PASS
	Extreme (-20°C)		16.81	0.00963	PASS
	Extreme (-30°C)		5.81	0.00333	PASS
	25°C	LV	7.26	0.00416	PASS
		HV	11.49	0.00659	PASS
BAND66	Condition		Freq.Error (Hz)	Frequency Stability (ppm)	Verdict
	BANDWIDTH	20MHz			
	Temperature	Voltage	QPSK	QPSK	
	Normal (25°C)	Normal	1.12	0.00064	PASS
	Extreme (50°C)		17.91	0.01026	PASS
	Extreme (40°C)		5.10	0.00292	PASS
	Extreme (30°C)		15.77	0.00904	PASS
	Extreme (20°C)		5.02	0.00288	PASS
	Extreme (10°C)		2.16	0.00124	PASS
	Extreme (0°C)		6.12	0.00350	PASS
	Extreme (-10°C)		8.45	0.00484	PASS
	Extreme (-20°C)		2.83	0.00162	PASS
	Extreme (-30°C)		9.51	0.00545	PASS
	25°C	LV	16.82	0.00964	PASS
		HV	16.30	0.00934	PASS

6.6. Spurious Emissions at Antenna Terminals

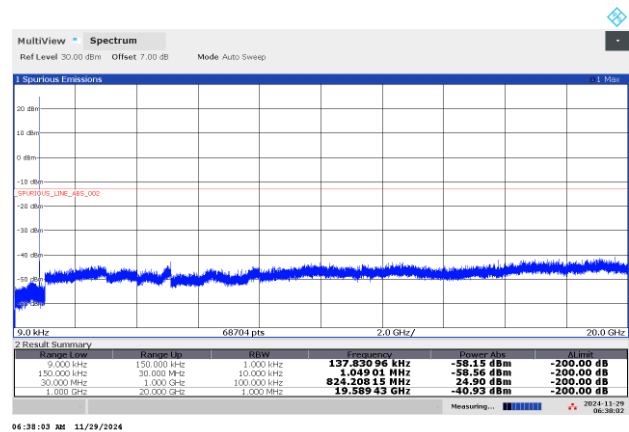
Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions more than 20 dB below the limit are not reported.

The signal beyond the limit is carrier.

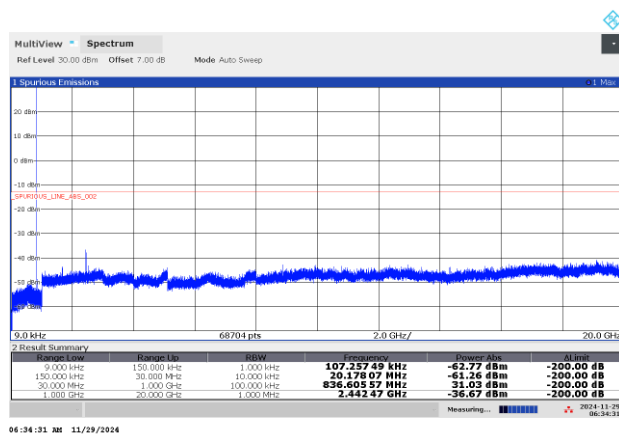
GPRS 850 CH-Low 9kHz ~ 20GHz



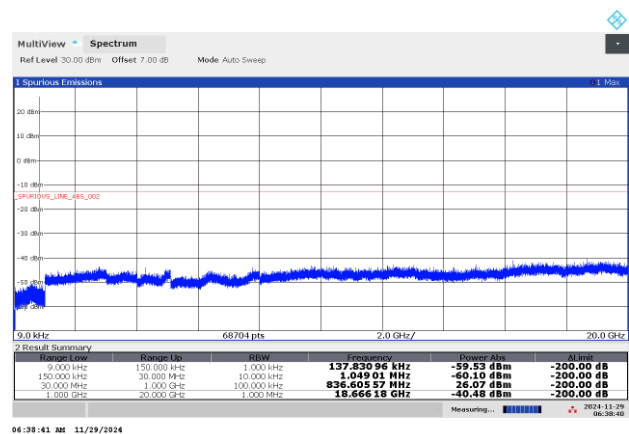
EGPRS 850 CH-Low 9kHz ~ 20GHz



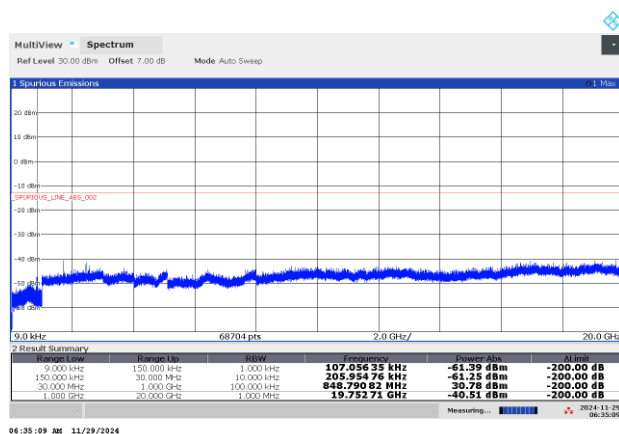
GPRS 850 CH-Middle 9kHz ~ 20GHz



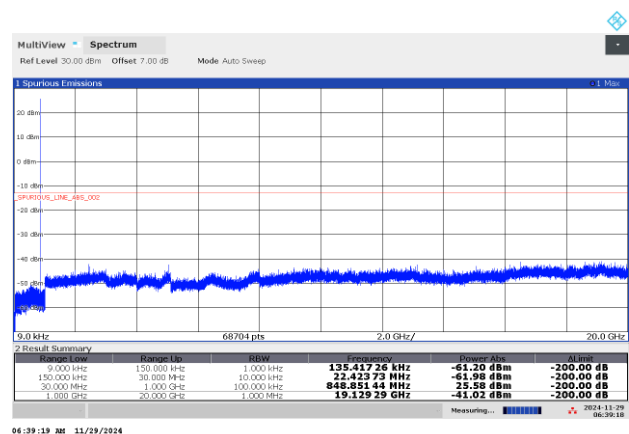
EGPRS 850 CH-Middle 9kHz ~ 20GHz



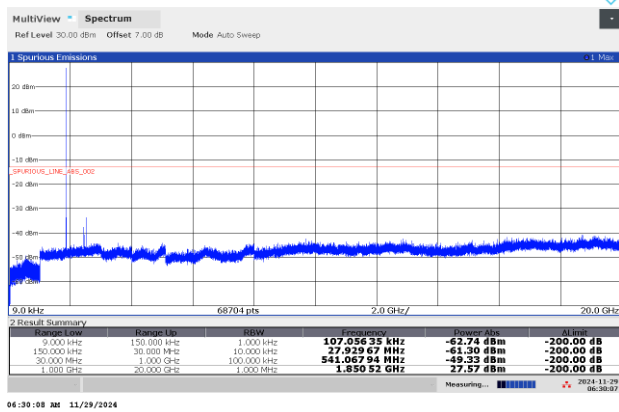
GPRS 850 CH-High 9kHz ~ 20GHz



EGPRS 850 CH-High 9kHz ~ 20GHz

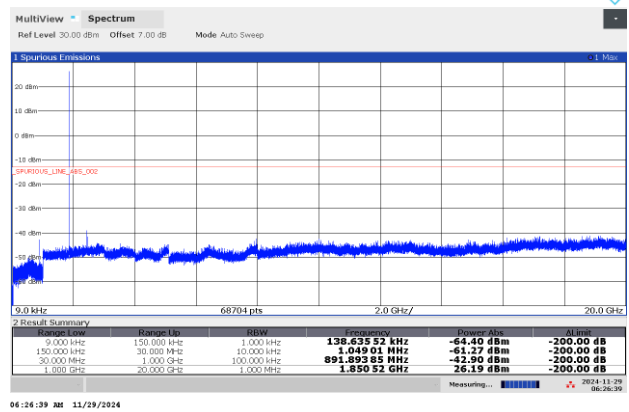


GPRS 1900 CH-Low 9kHz ~ 20GHz



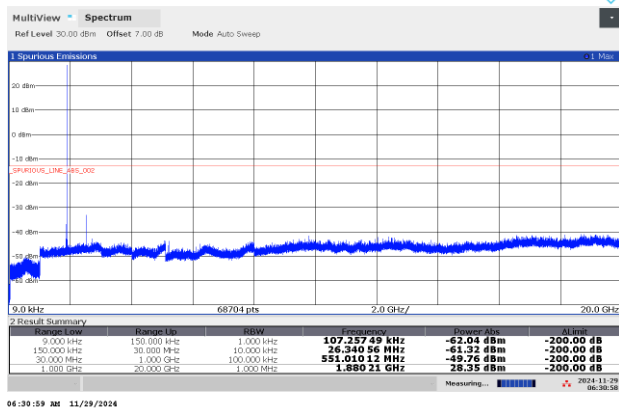
06:30:08 AM 11/29/2024

EGPRS 1900 CH-Low 9kHz ~ 20GHz



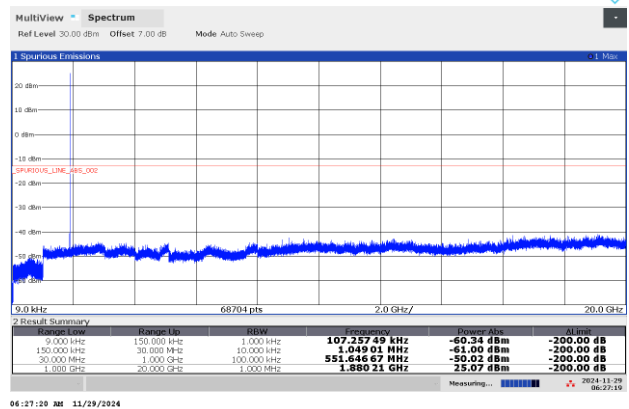
06:24:39 AM 11/29/2024

GPRS 1900 CH-Middle 9kHz ~ 20GHz



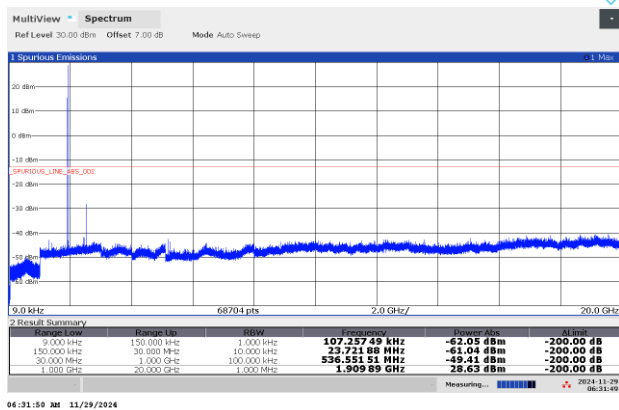
06:30:59 AM 11/29/2024

EGPRS 1900 CH-Middle 9kHz ~ 20GHz



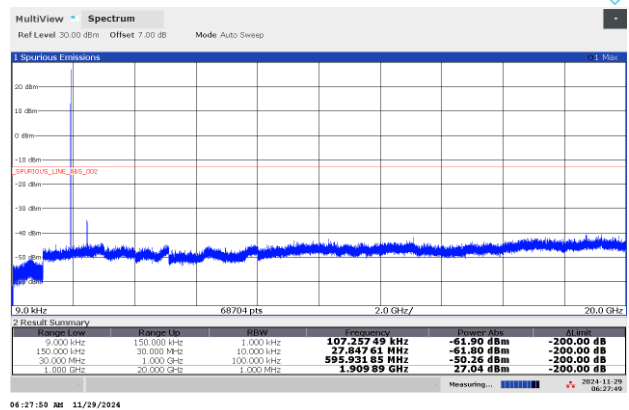
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GPRS 1900 CH-High 9kHz ~ 20GHz



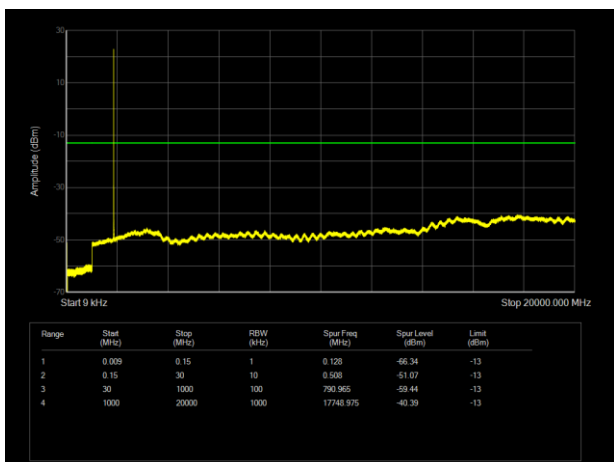
06:31:59 AM 11/29/2024

EGPRS 1900 CH-High 9kHz ~ 20GHz

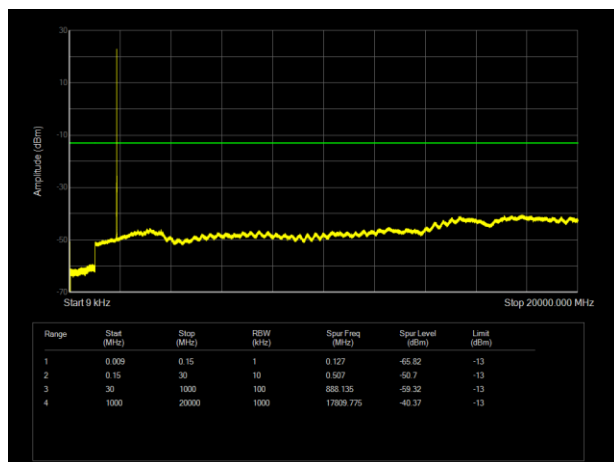


06:27:59 AM 11/29/2024

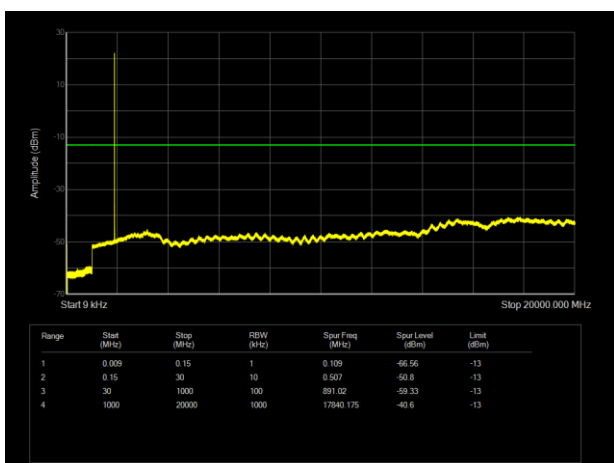
LTE Band 2 1.4MHz CH-Low 9kHz~20GHz



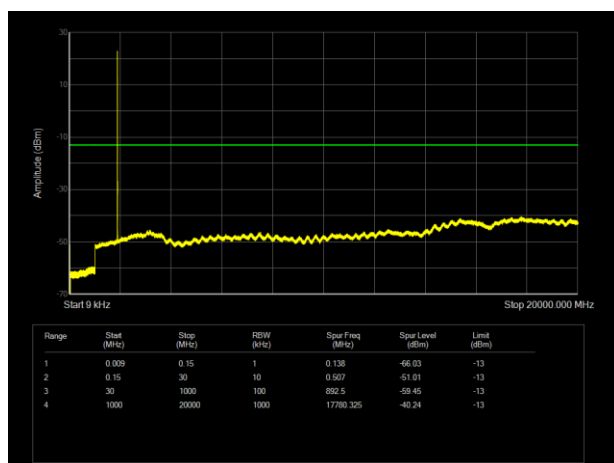
LTE Band 2 3MHz CH-Low 9kHz~20GHz



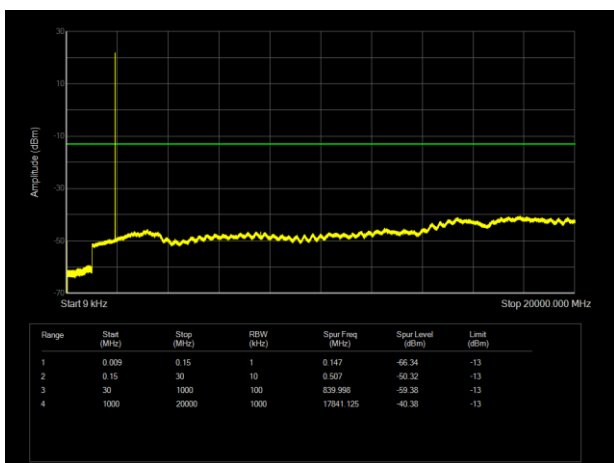
LTE Band 2 1.4MHz CH-Middle 9kHz~20GHz



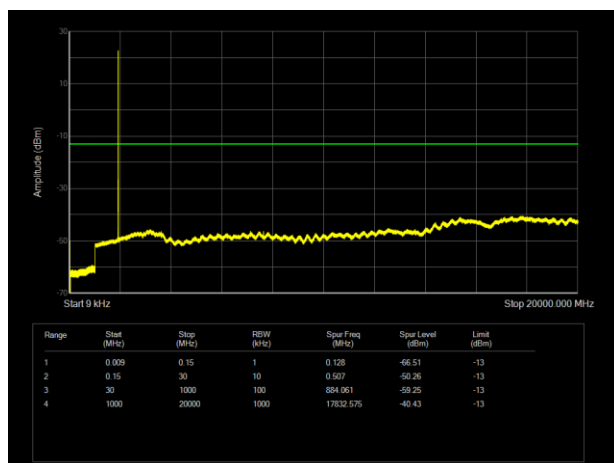
LTE Band 2 3MHz CH-Middle 9kHz~20GHz



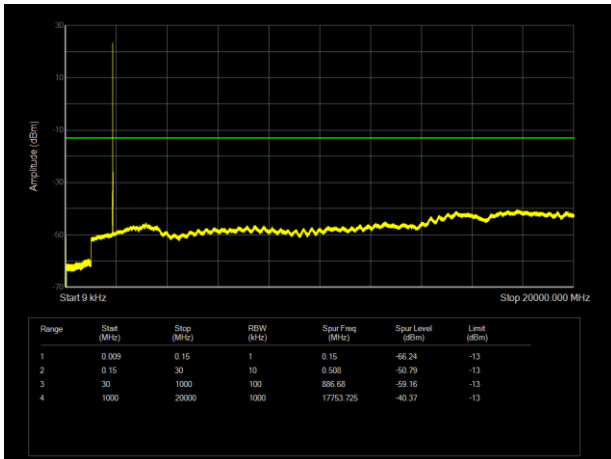
LTE Band 2 1.4MHz CH-High 9kHz~20GHz



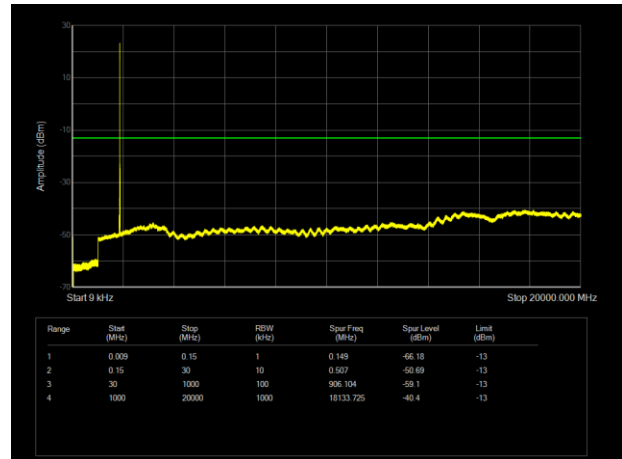
LTE Band 2 3MHz CH-High 9kHz~20GHz



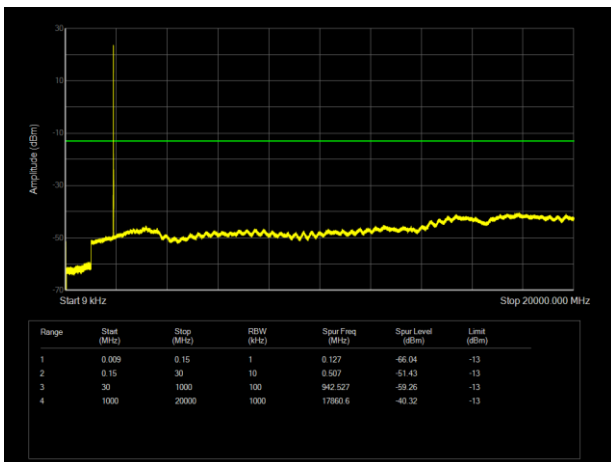
LTE Band 2 5MHz CH-Low 9kHz~20GHz



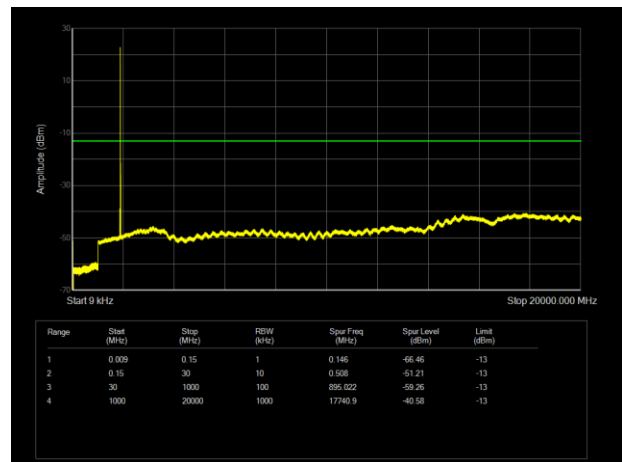
LTE Band 2 10MHz CH-Low 9kHz~20GHz



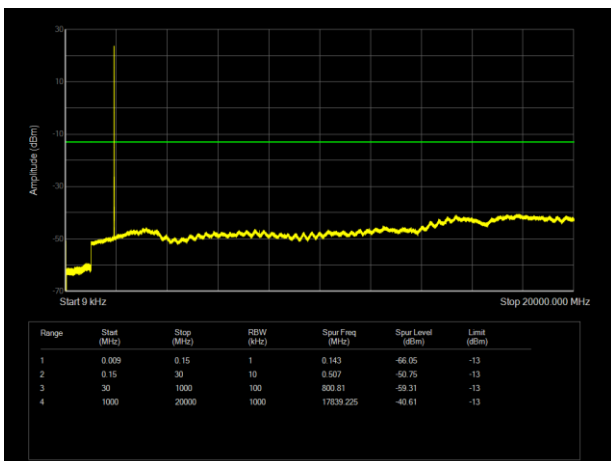
LTE Band 2 5MHz CH-Middle 9kHz~20GHz



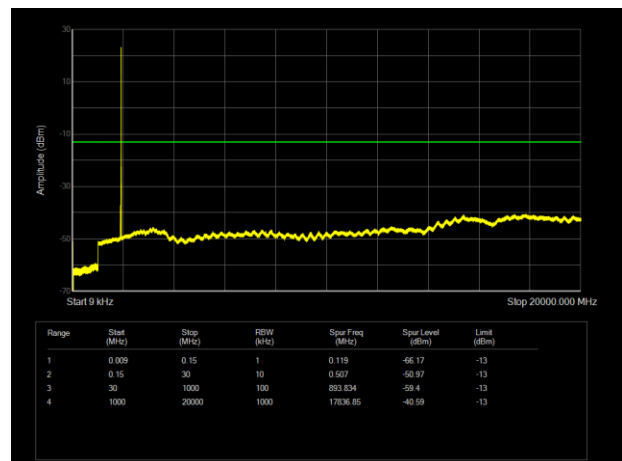
LTE Band 2 10MHz CH-Middle 9kHz~20GHz



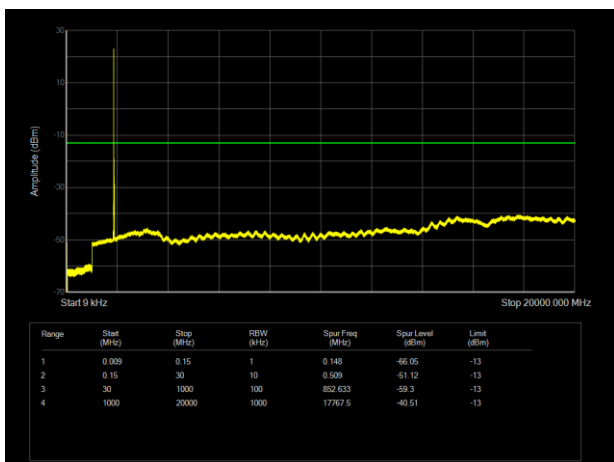
LTE Band 2 5MHz CH-High 9kHz~20GHz



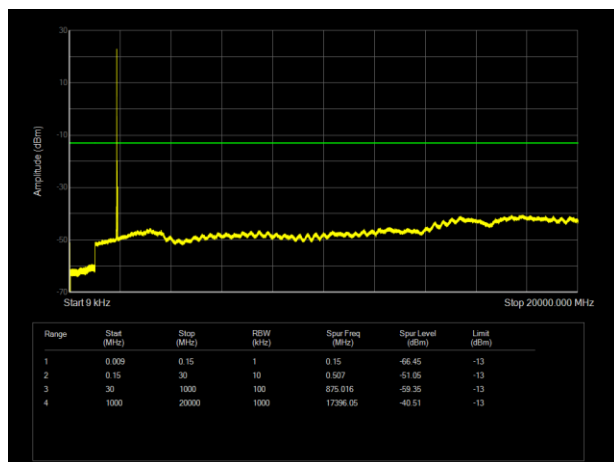
LTE Band 2 10MHz CH-High 9kHz~20GHz



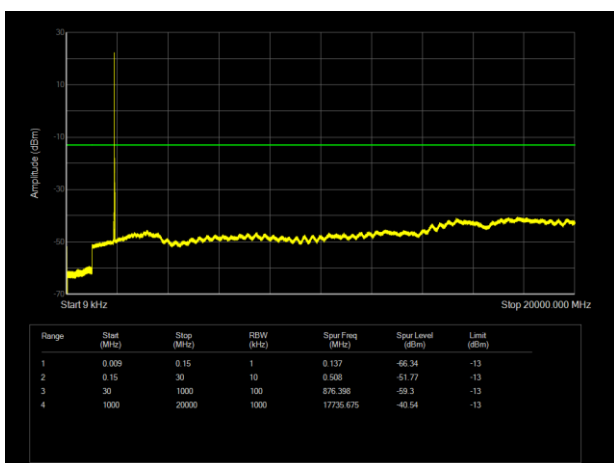
LTE Band 2 15MHz CH-Low 9kHz~20GHz



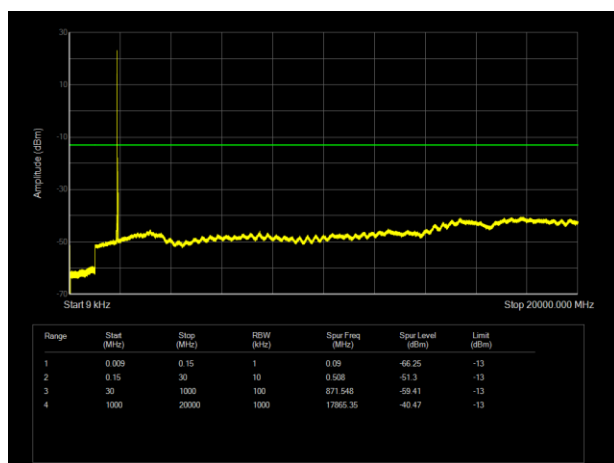
LTE Band 2 20MHz CH-Low 9kHz~20GHz



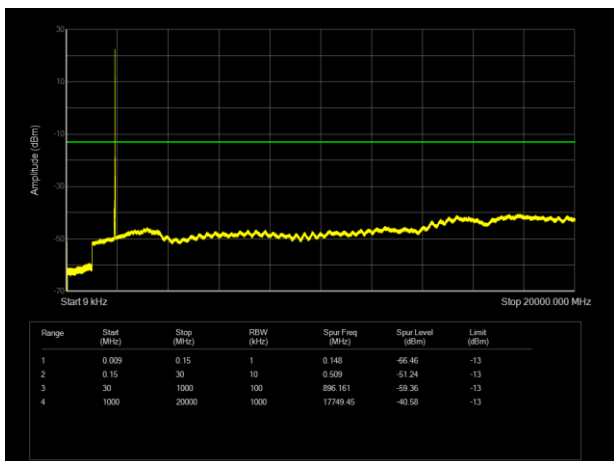
LTE Band 2 15MHz CH-Middle 9kHz~20GHz



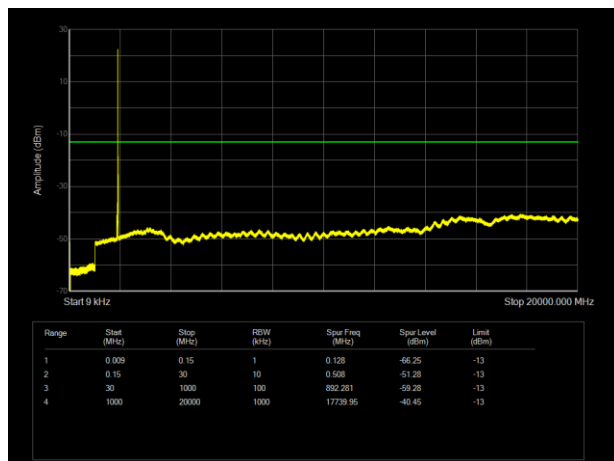
LTE Band 2 20MHz CH-Middle 9kHz~20GHz



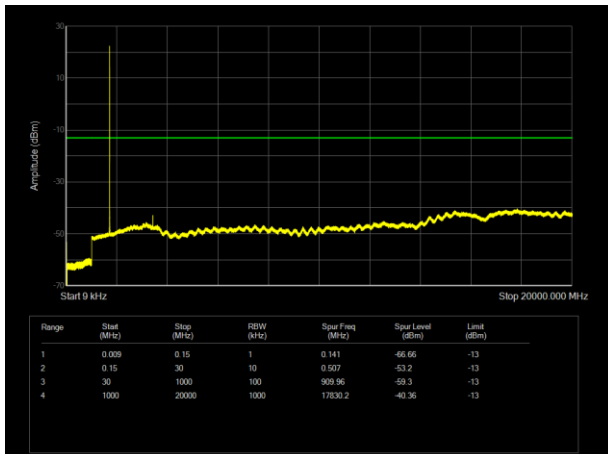
LTE Band 2 15MHz CH-High 9kHz~20GHz



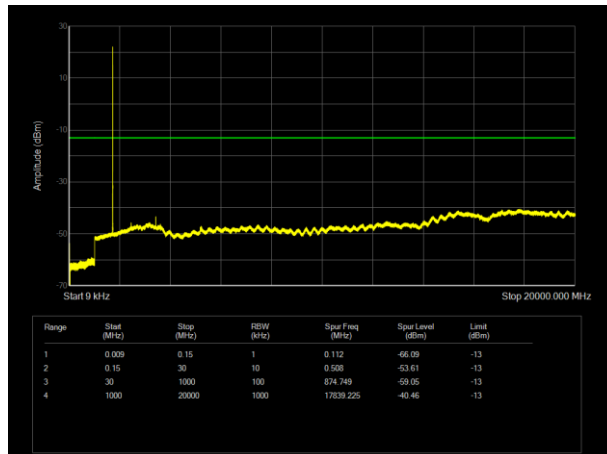
LTE Band 2 20MHz CH-High 9kHz~20GHz



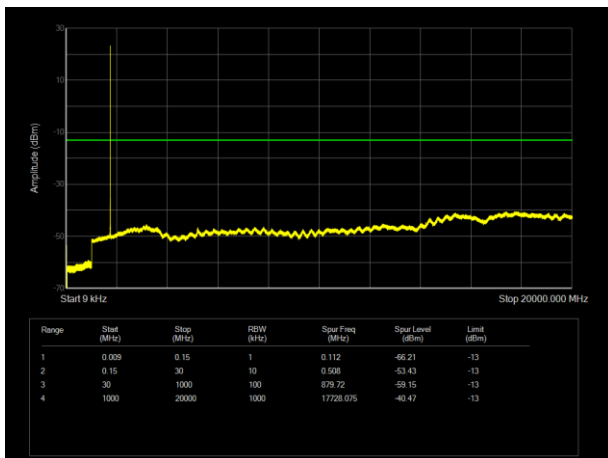
LTE Band 4 1.4MHz CH-Low 9kHz~20GHz



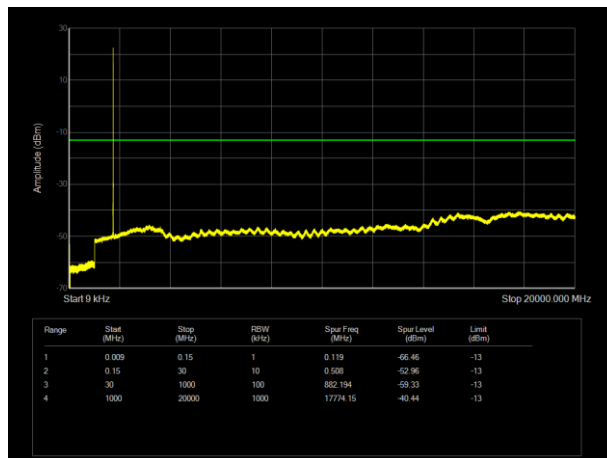
LTE Band 4 3MHz CH- Low 9kHz~20GHz



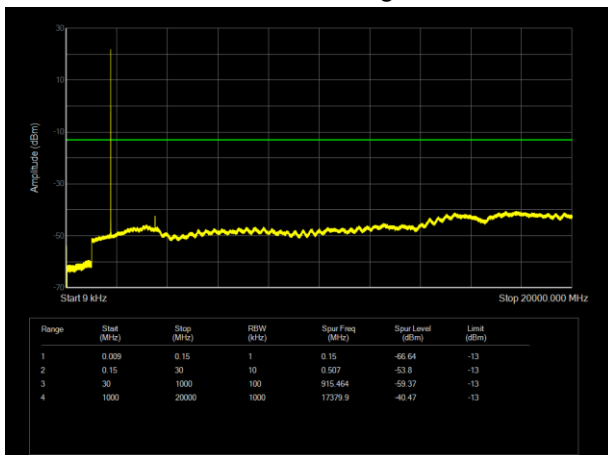
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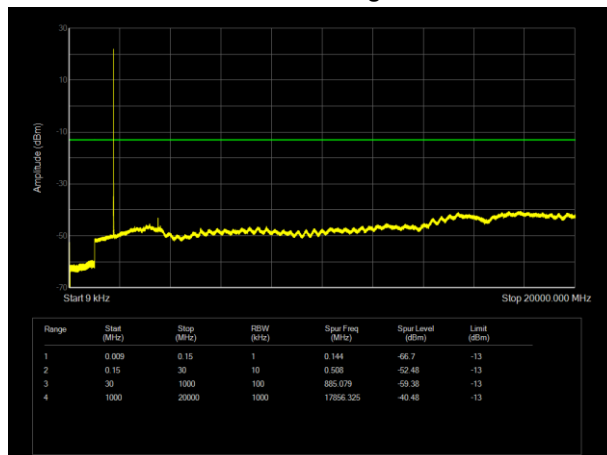
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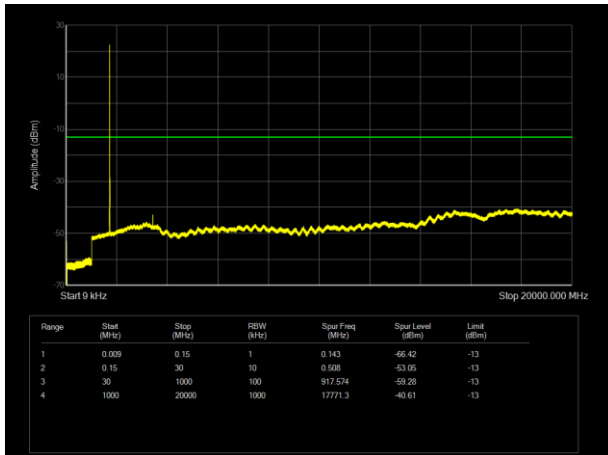
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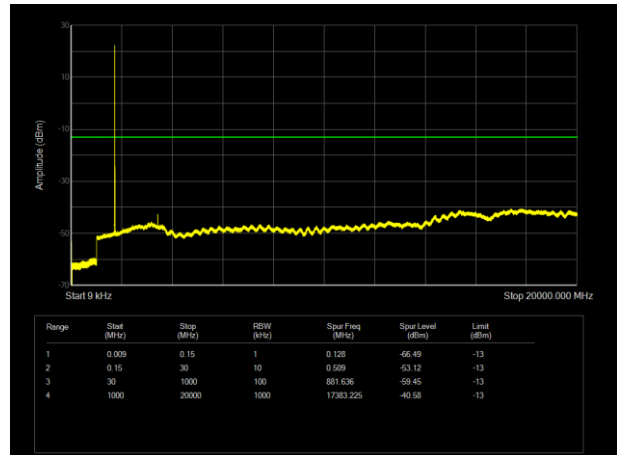
LTE Band 4 3MHz CH-High 9kHz~20GHz



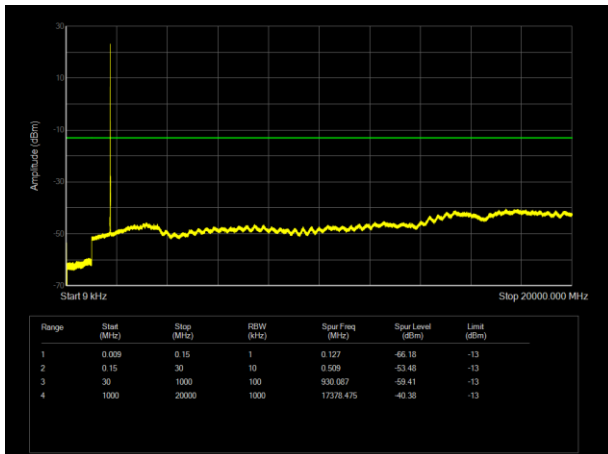
LTE Band 4 5MHz CH- Low 9kHz~20GHz



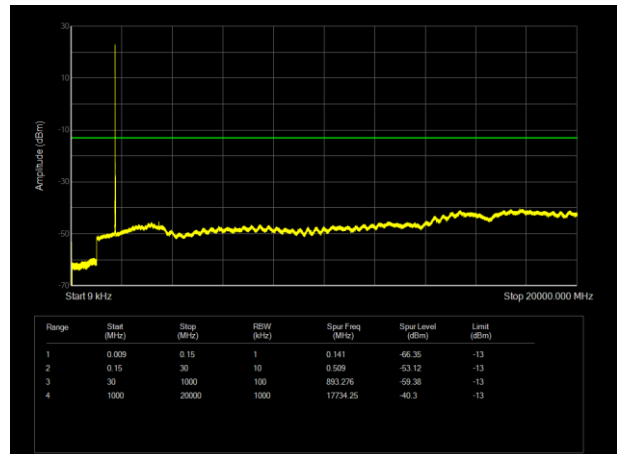
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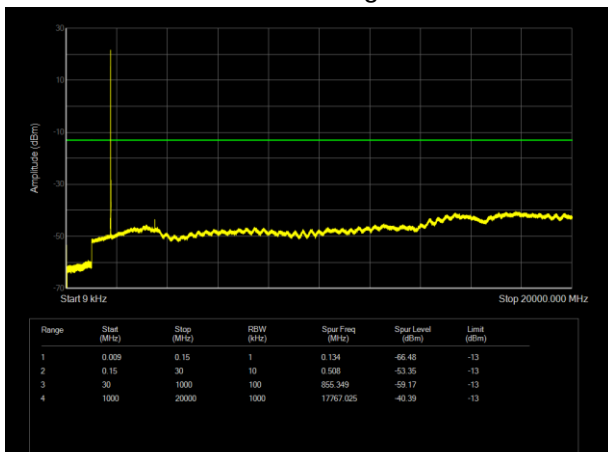
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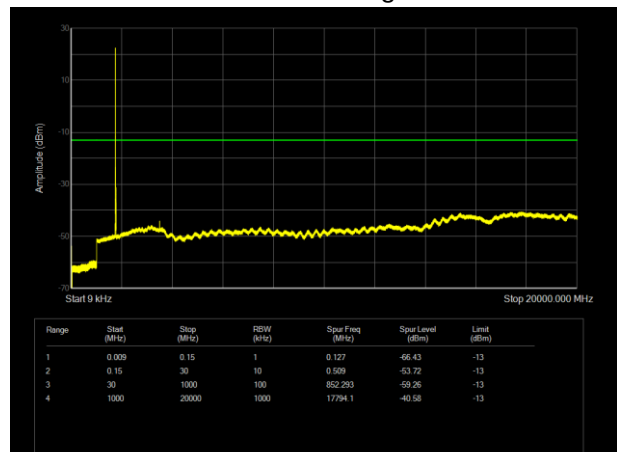
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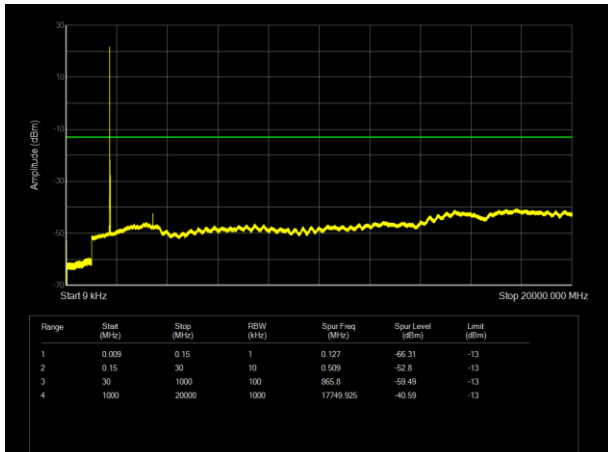
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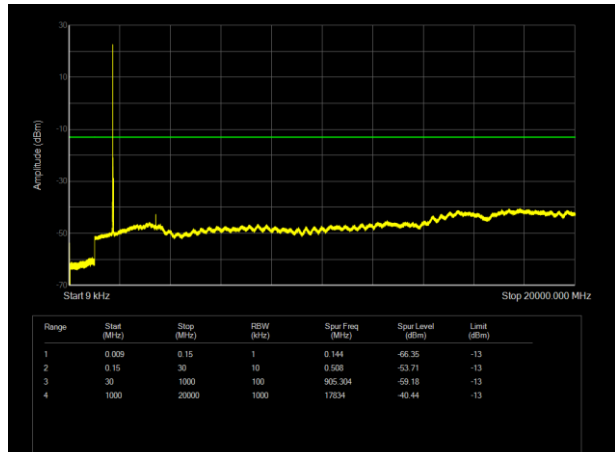
LTE Band 4 10MHz CH- High 9kHz~20GHz



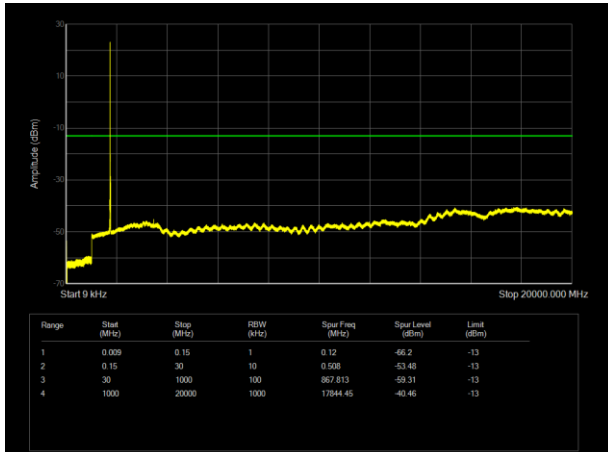
LTE Band 4 15MHz CH- Low 9kHz~20GHz



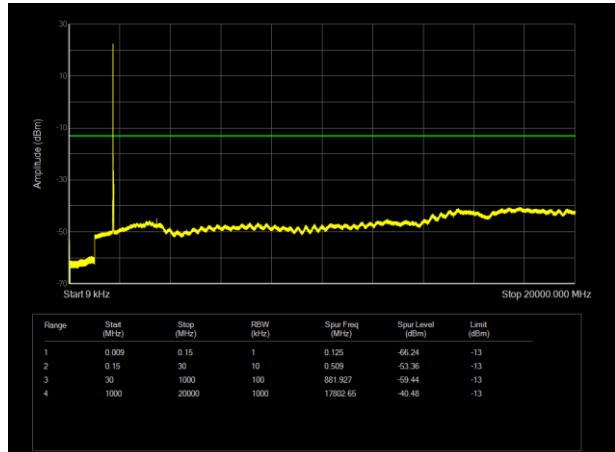
LTE Band 4 20MHz CH-Low 9kHz~20GHz



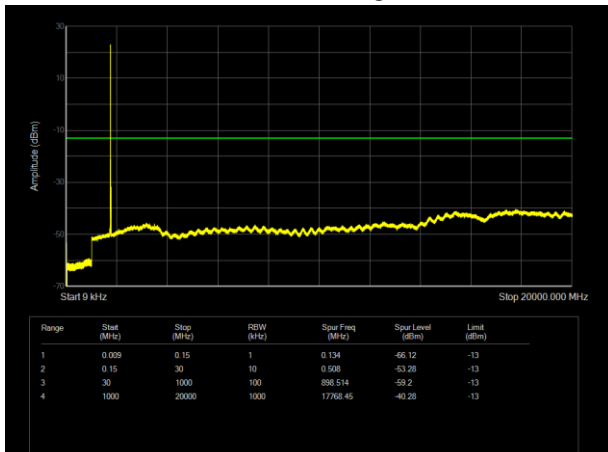
LTE Band 4 15MHz CH- Middle 9kHz~20GHz



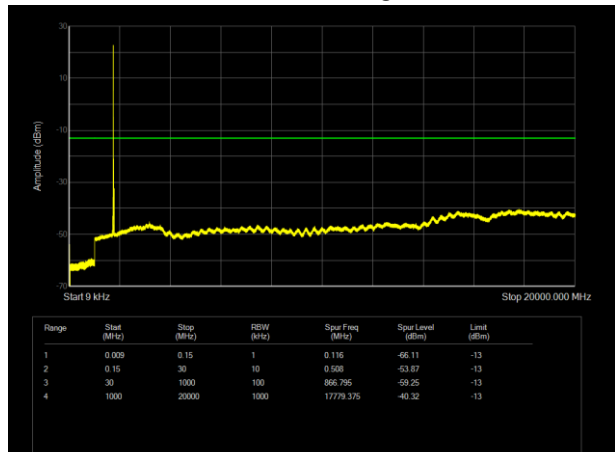
LTE Band 4 20MHz CH- Middle 9kHz~20GHz



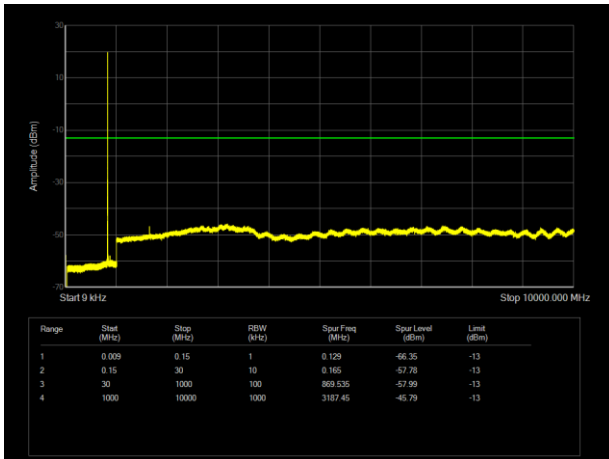
LTE Band 4 15MHz CH-High 9kHz~20GHz



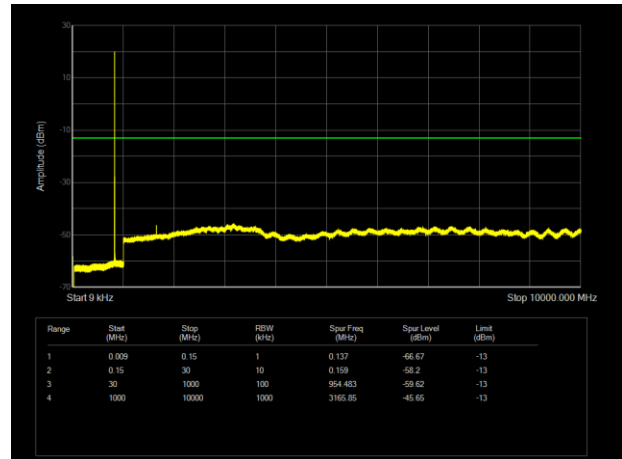
LTE Band 4 20MHz CH- High 9kHz~20GHz



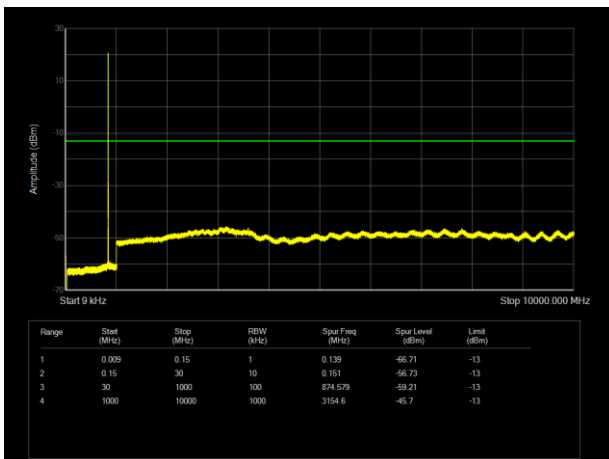
LTE Band 5 1.4MHz CH-Low 9kHz~10GHz



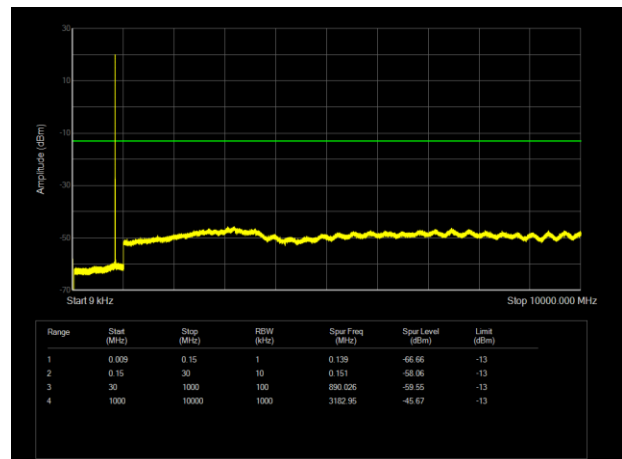
LTE Band 5 3MHz CH-Low 9kHz~10GHz



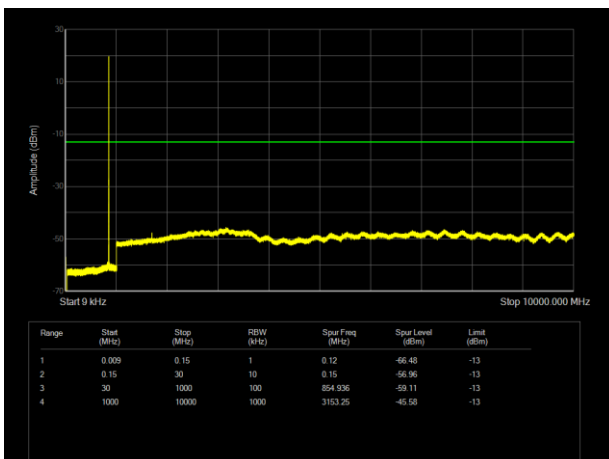
LTE Band 5 1.4MHz CH-Middle 9kHz~10GHz



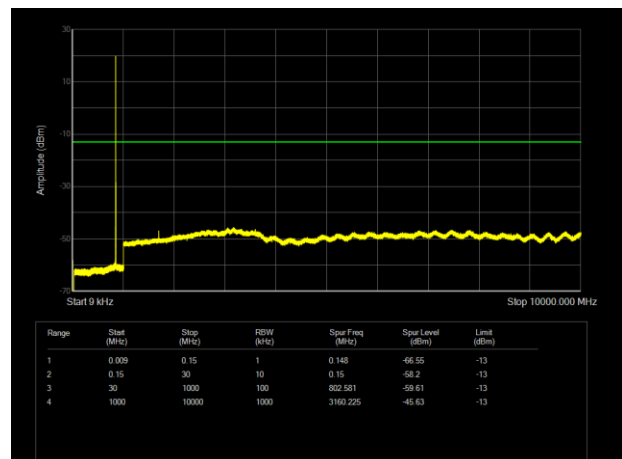
LTE Band 5 3MHz CH-Middle 9kHz~10GHz



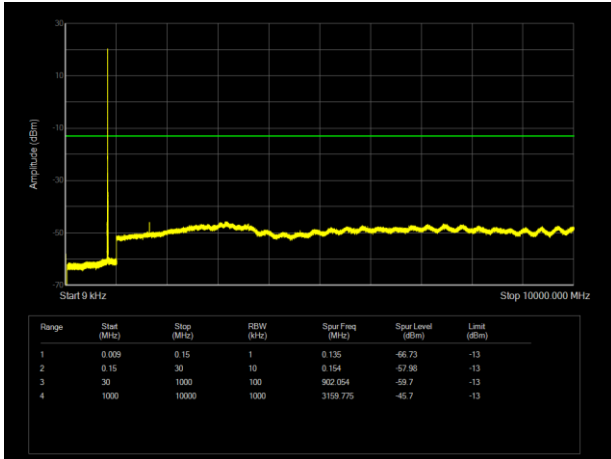
LTE Band 5 1.4MHz CH-High 9kHz~10GHz



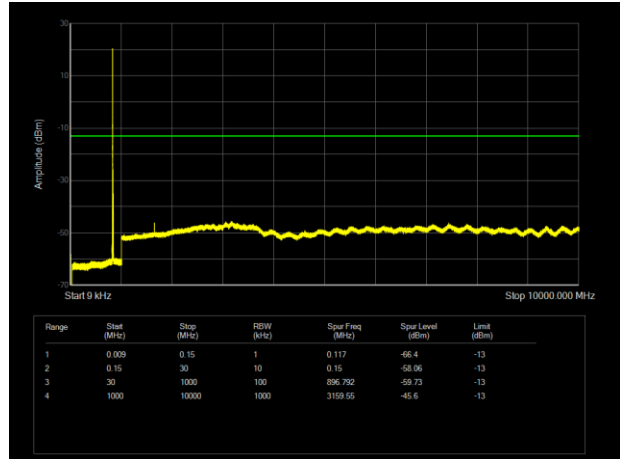
LTE Band 5 3MHz CH-High 9kHz~10GHz



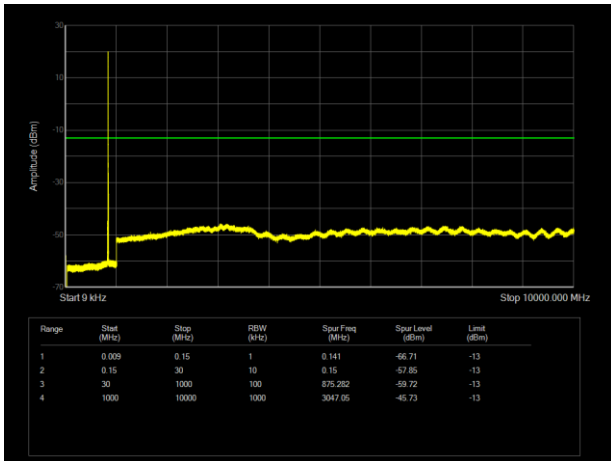
LTE Band 5 5MHz CH-Low 9kHz~10GHz



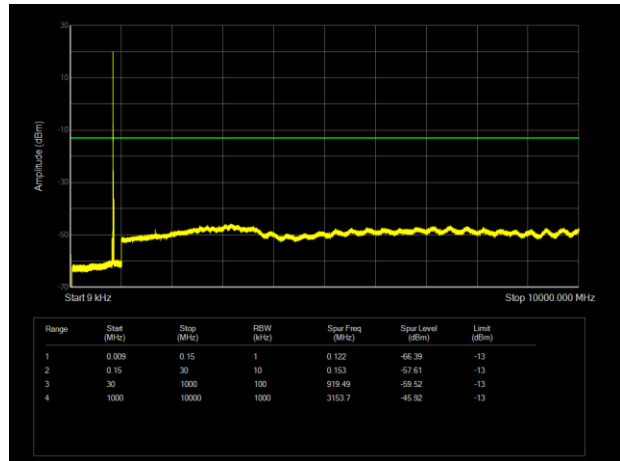
LTE Band 5 10MHz CH-Low 9kHz~10GHz



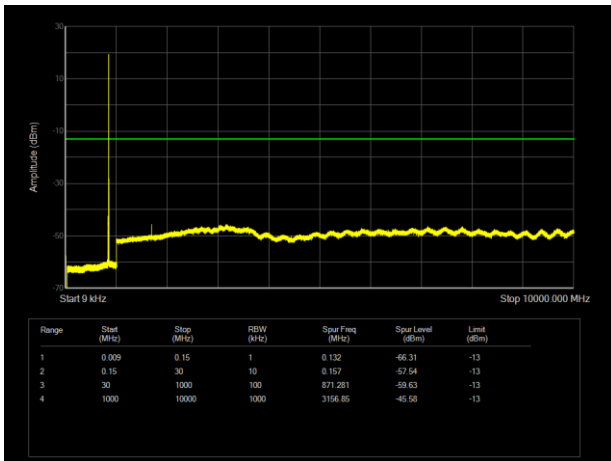
LTE Band 5 5MHz CH-Middle 9kHz~10GHz



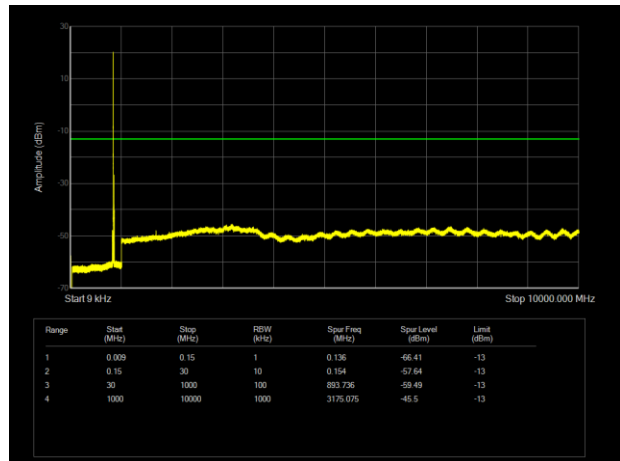
LTE Band 5 10MHz CH-Middle 9kHz~10GHz



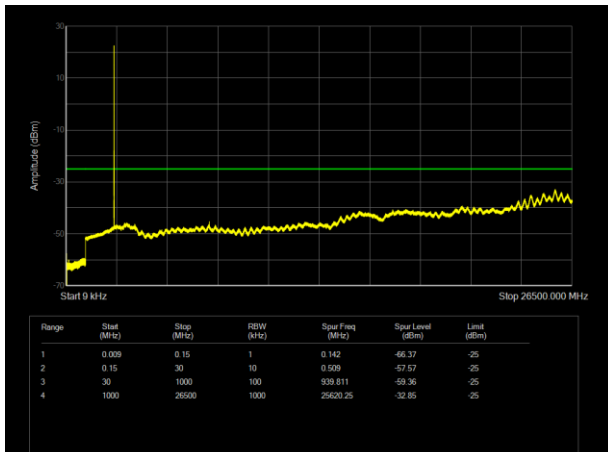
LTE Band 5 5MHz CH-High 9kHz~10GHz



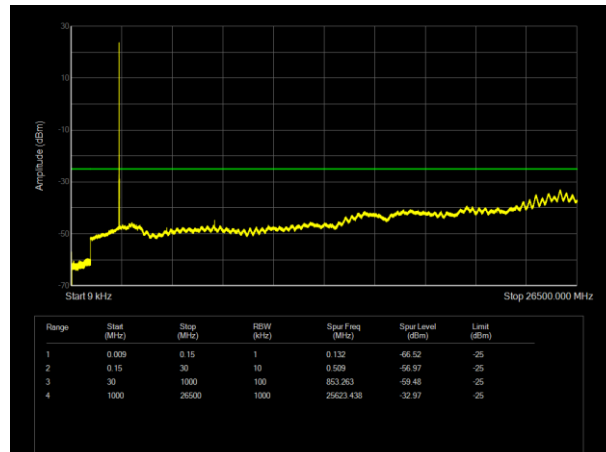
LTE Band 5 10MHz CH-High 9kHz~10GHz



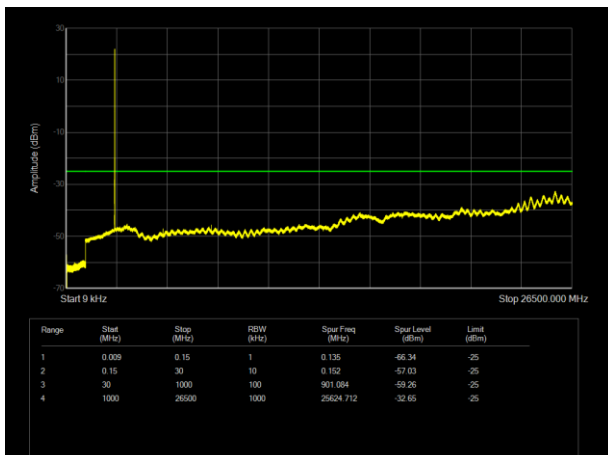
LTE Band 7 5MHz CH- Low 9kHz~26.5GHz



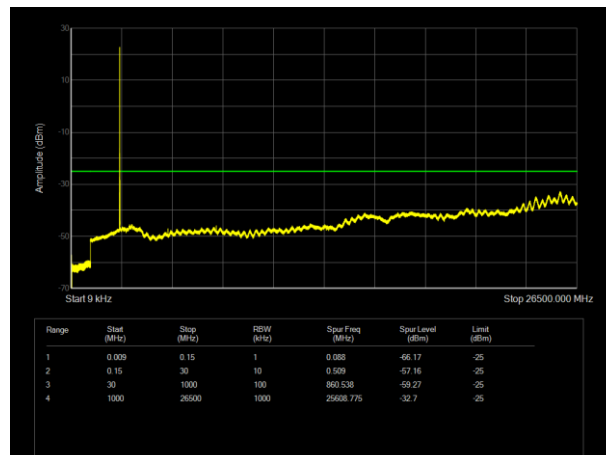
LTE Band 7 10MHz CH-Low 9kHz~26.5GHz



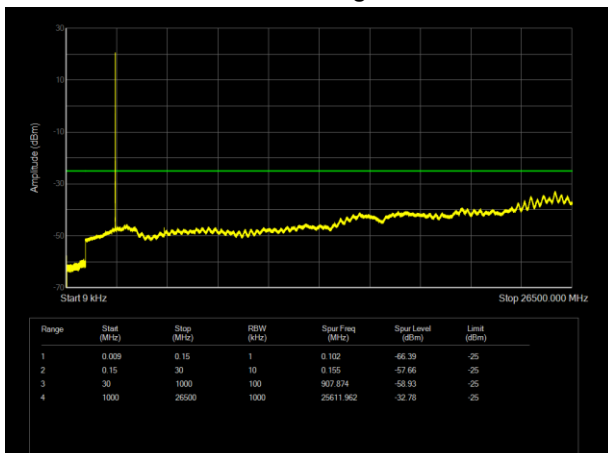
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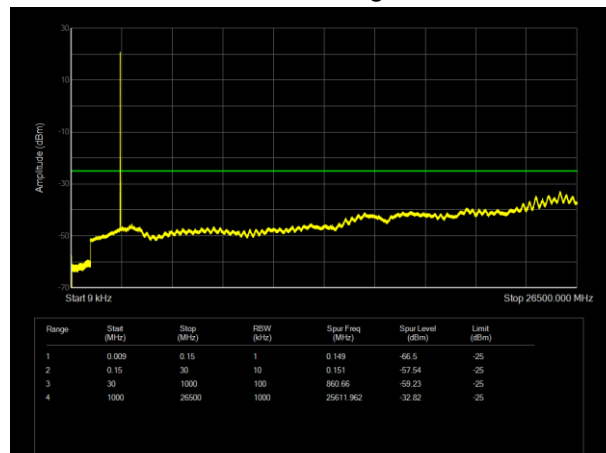
LTE Band 7 10MHz CH- Middle 9kHz~26.5GHz



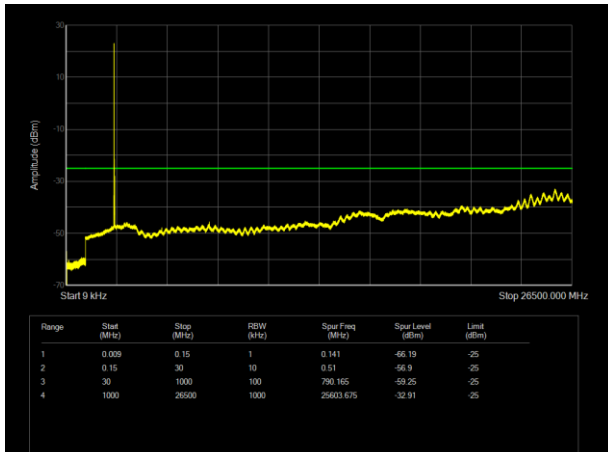
LTE Band 7 5MHz CH-High 9kHz~26.5GHz



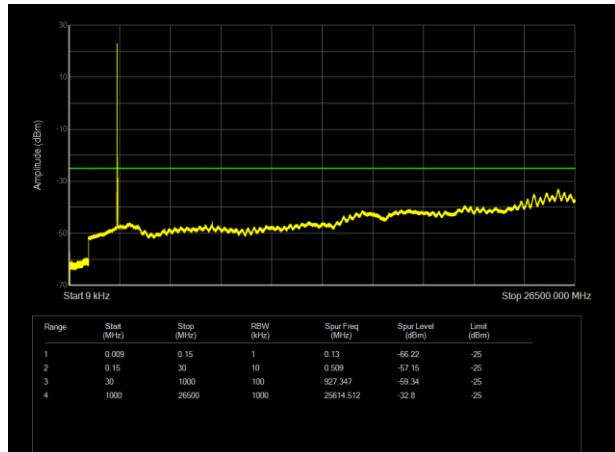
LTE Band 7 10MHz CH- High 9kHz~26.5GHz



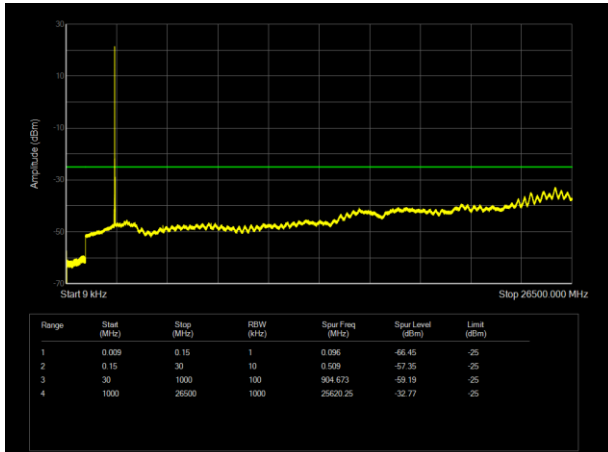
LTE Band 7 15MHz CH- Low 9kHz~26.5GHz



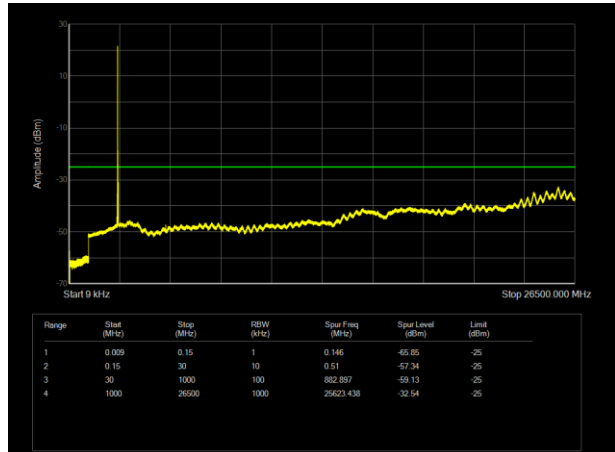
LTE Band 7 20MHz CH-Low 9kHz~26.5GHz



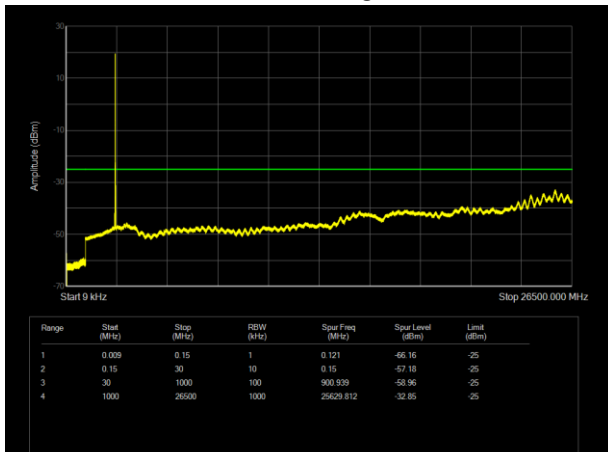
LTE Band 7 15MHz CH- Middle 9kHz~26.5GHz



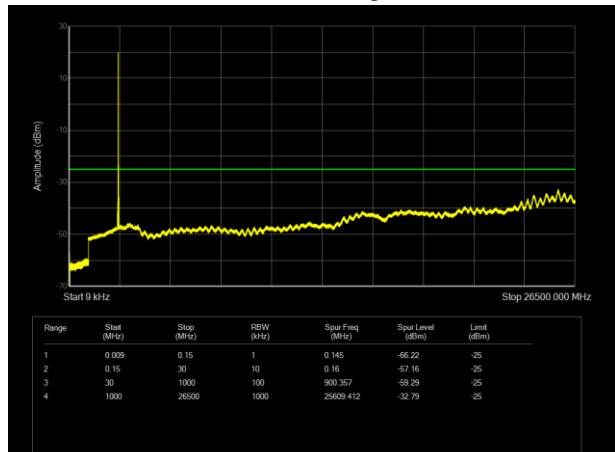
LTE Band 7 20MHz CH- Middle 9kHz~26.5GHz



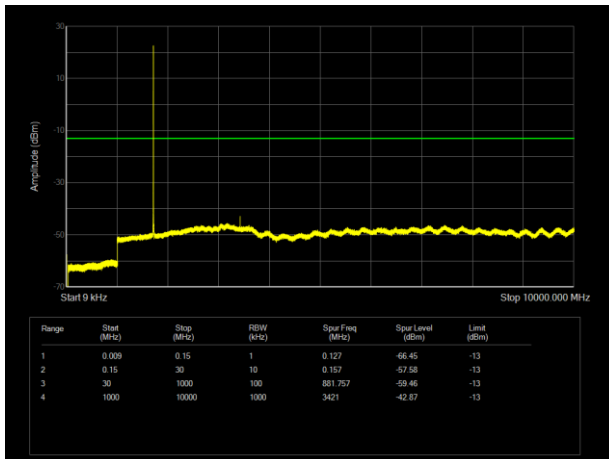
LTE Band 7 15MHz CH-High 9kHz~26.5GHz



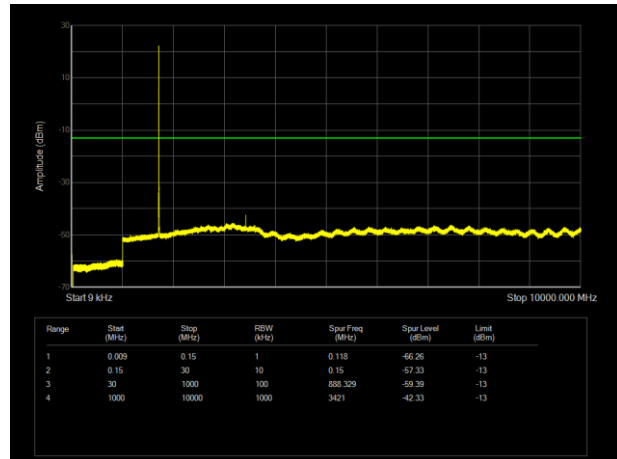
LTE Band 7 20MHz CH- High 9kHz~26.5GHz



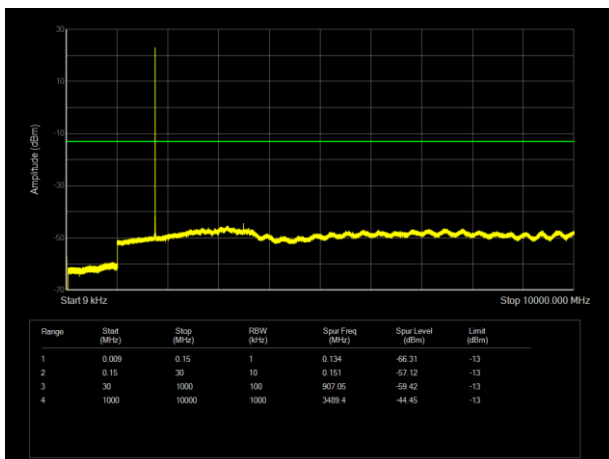
LTE Band 66 1.4MHz CH-Low 9kHz ~10GHz



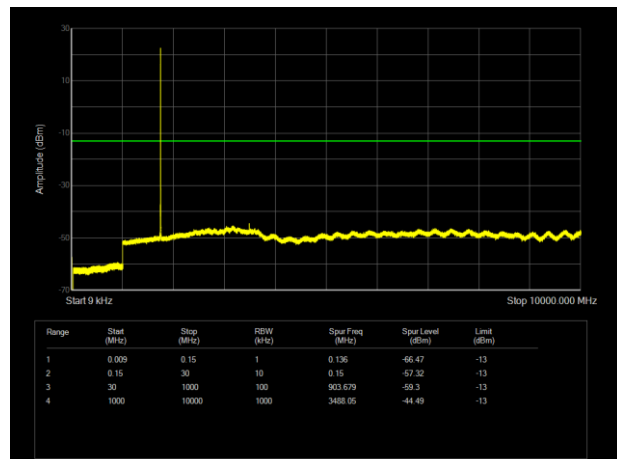
LTE Band 66 3MHz CH-Low 9kHz ~10GHz



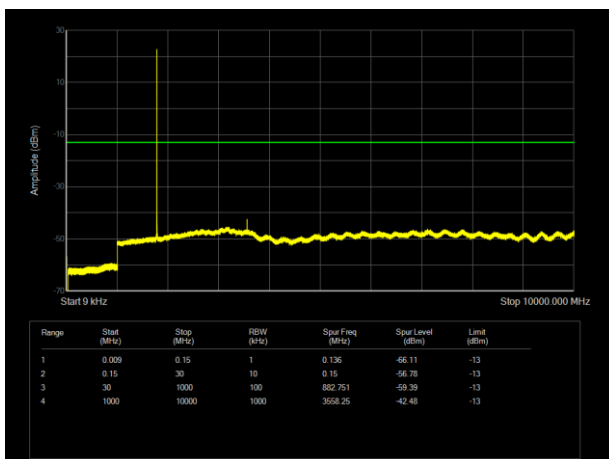
LTE Band 66 1.4MHz CH-Middle 9kHz ~10GHz



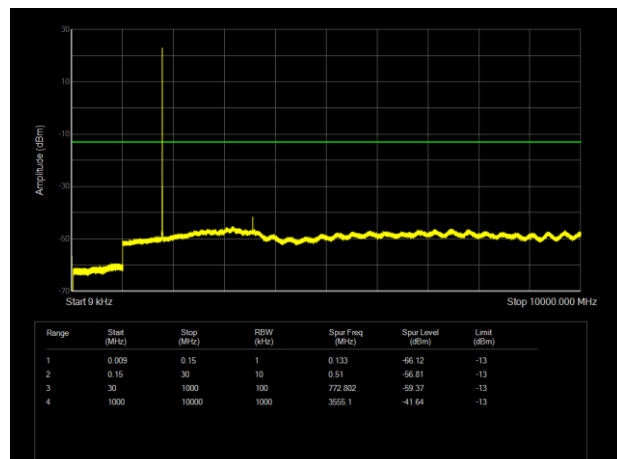
LTE Band 66 3MHz CH-Middle 9kHz ~10GHz



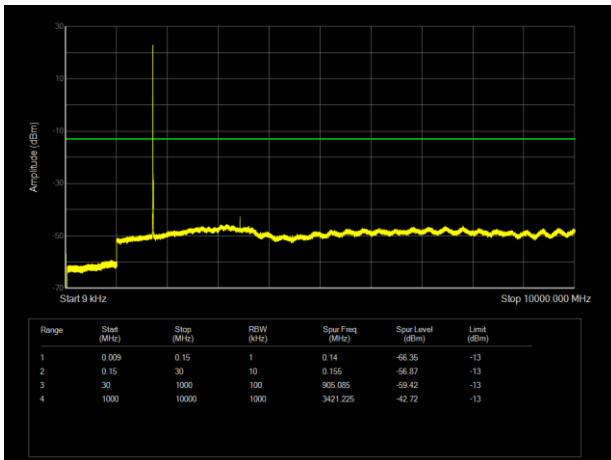
LTE Band 66 1.4MHz CH-High 9kHz ~10GHz



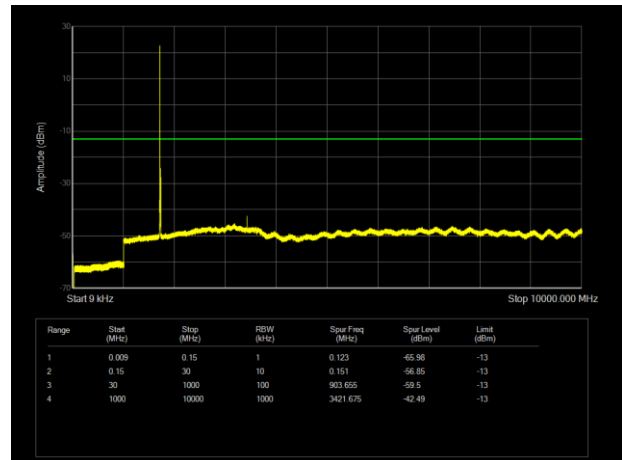
LTE Band 66 3MHz CH-High 9kHz ~10GHz



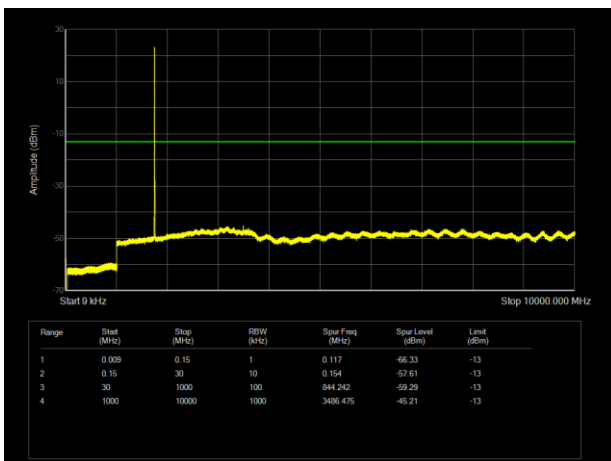
LTE Band 66 5MHz CH-Low 9kHz ~10GHz



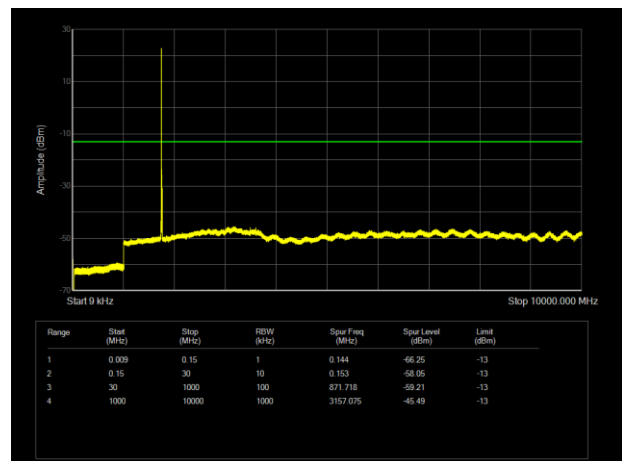
LTE Band 66 10MHz CH-Low 9kHz ~10GHz



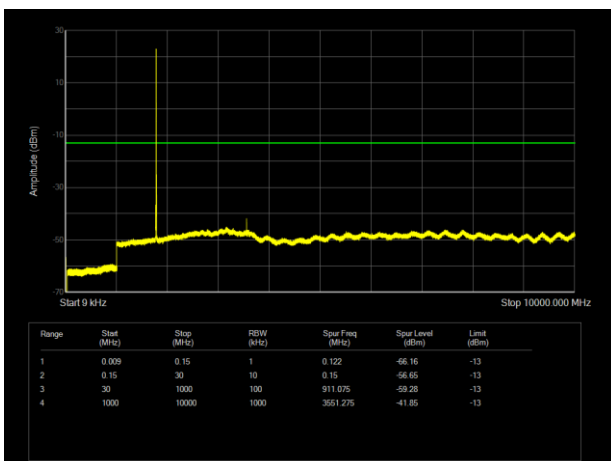
LTE Band 66 5MHz CH-Middle 9kHz ~10GHz



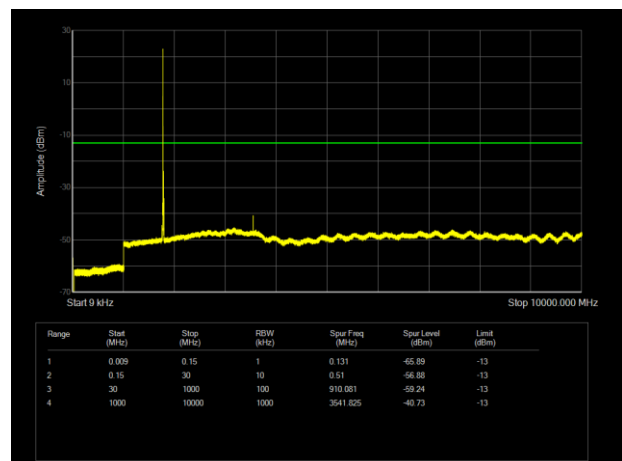
LTE Band 66 10MHz CH-Middle 9kHz ~10GHz



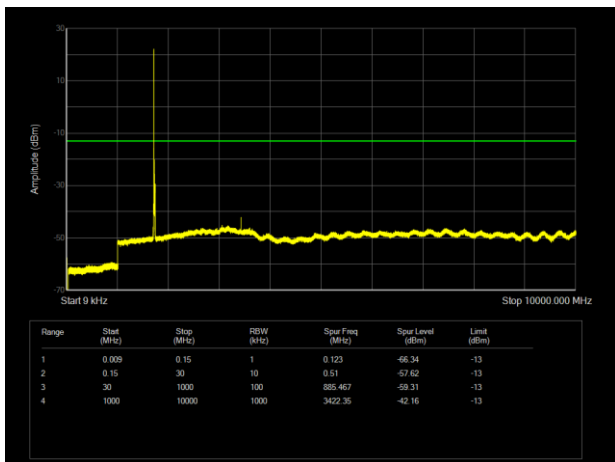
LTE Band 66 5MHz CH-High 9kHz ~10GHz



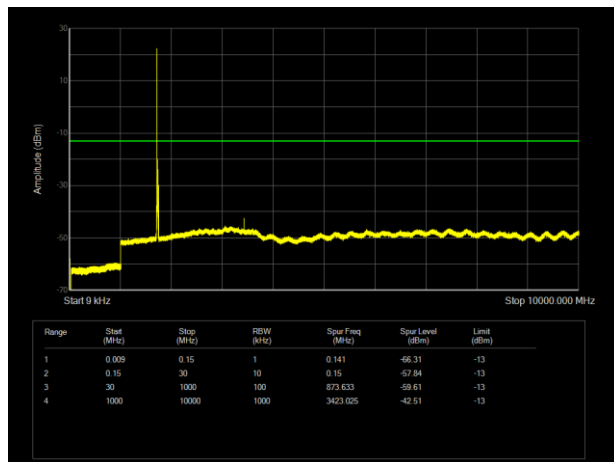
LTE Band 66 10MHz CH-High 9kHz ~10GHz



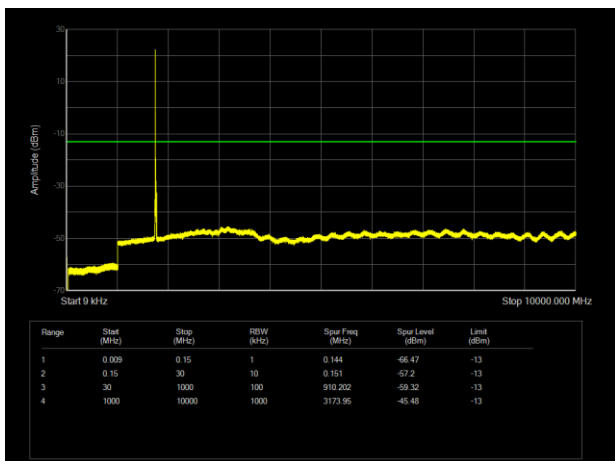
LTE Band 66 15MHz CH-Low 9kHz ~10GHz



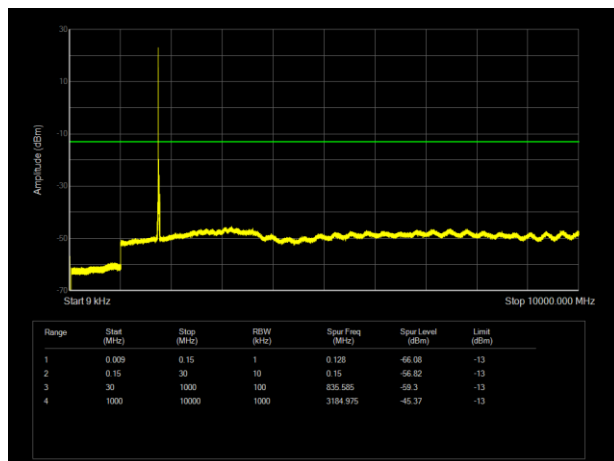
LTE Band 66 20MHz CH-Low 9kHz ~10GHz



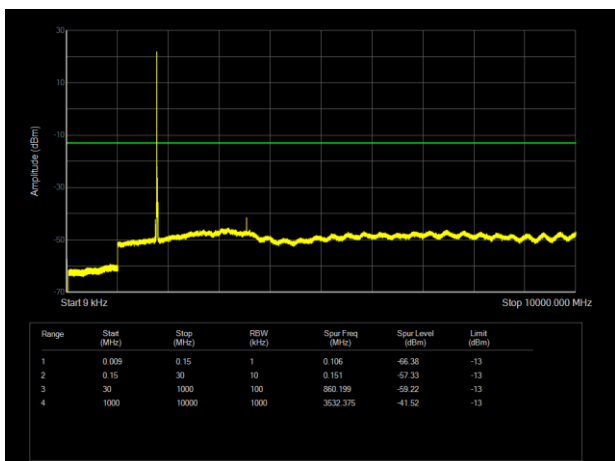
LTE Band 66 15MHz CH-Middle 9kHz ~10GHz



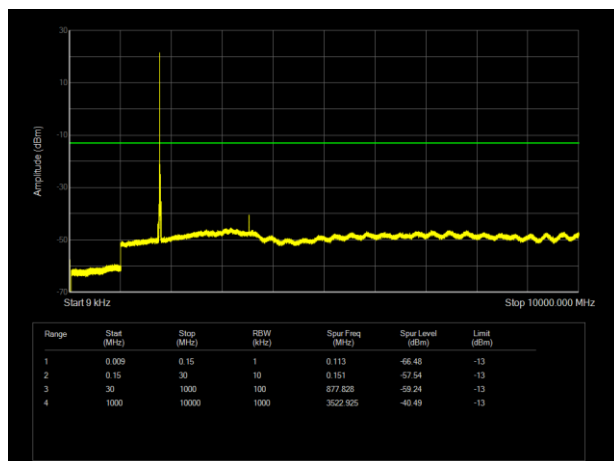
LTE Band 66 20MHz CH-Middle 9kHz ~10GHz



LTE Band 66 15MHz CH-High 9kHz ~10GHz



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



6.7. Radiated 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.

GSM 850 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1673.33	-40.24	1.70	8.70	Horizontal	-35.39	-13.00	22.39	59
3	2510.13	-55.41	2.30	12.00	Horizontal	-47.86	-13.00	34.86	214
4	3346.40	-56.68	2.70	12.70	Horizontal	-48.83	-13.00	35.83	17
5	4183.00	-54.19	3.00	12.50	Horizontal	-46.84	-13.00	33.84	214
6	5019.60	-54.83	3.40	12.50	Horizontal	-47.88	-13.00	34.88	2
7	5856.20	-60.25	3.40	12.80	Horizontal	-53.00	-13.00	40.00	98
8	6692.80	-56.28	4.10	11.50	Horizontal	-51.03	-13.00	38.03	69
9	7529.40	-54.30	4.20	12.20	Horizontal	-48.45	-13.00	35.45	76
10	8366.00	-54.75	4.30	12.50	Horizontal	-48.70	-13.00	35.70	25

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.

GSM 1900 CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3760.00	-51.68	2.60	12.50	Horizontal	-41.78	-13.00	28.78	214
3	5640.00	-58.12	3.30	12.50	Horizontal	-48.92	-13.00	35.92	78
4	7520.00	-56.79	4.20	12.20	Horizontal	-48.79	-13.00	35.79	11
5	9400.00	-53.66	4.30	11.10	Horizontal	-46.86	-13.00	33.86	69
6	11280.00	-50.45	5.90	11.90	Horizontal	-44.45	-13.00	31.45	274
7	13160.00	-51.41	5.70	14.00	Horizontal	-43.11	-13.00	30.11	78
8	15040.00	-55.36	5.80	13.10	Horizontal	-48.06	-13.00	35.06	69
9	16920.00	-53.52	6.10	14.60	Horizontal	-45.02	-13.00	32.02	38
10	18800.00	--	--	--	--	--	--	--	--

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.

LTE Band 2 20MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3742.13	-48.03	2.60	12.50	Vertical	-38.13	-13.00	25.13	214
3	5613.38	-53.95	3.30	12.50	Vertical	-44.75	-13.00	31.75	76
4	7484.63	-37.70	4.20	12.20	Vertical	-29.70	-13.00	16.70	96
5	9355.33	-32.81	4.30	11.10	Vertical	-26.01	-13.00	13.01	142
6	11226.39	-46.35	5.90	11.90	Vertical	-40.35	-13.00	27.35	75
7	13097.46	-48.64	5.70	14.00	Vertical	-40.34	-13.00	27.34	36
8	14968.52	-46.94	5.80	13.10	Vertical	-39.64	-13.00	26.64	25
9	16938.59	-54.57	6.10	14.60	Vertical	-46.07	-13.00	33.07	142
10	18800.00	--	--	--	--	--	--	--	--

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 4 QPSK 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3455.90	-52.46	2.70	12.70	Vertical	-42.46	-13.00	29.46	95
3	5184.40	-49.72	3.20	12.50	Vertical	-40.42	-13.00	27.42	52
4	6912.40	-47.43	4.20	11.80	Vertical	-39.83	-13.00	26.83	25
5	8640.40	-32.30	4.40	12.50	Vertical	-24.20	-13.00	11.20	95
6	10368.80	-47.63	4.70	11.30	Vertical	-41.03	-13.00	28.03	78
7	12096.60	-52.91	5.20	13.80	Vertical	-44.31	-13.00	31.31	48
8	13820.00	-51.40	5.70	11.30	Vertical	-45.80	-13.00	32.80	98
9	15547.50	-63.34	6.10	16.80	Vertical	-52.64	-13.00	39.64	48
10	17275.00	-55.09	6.10	14.20	Vertical	-46.99	-13.00	33.99	29

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 5 10MHz CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1664.40	-51.91	1.70	8.70	Vertical	-47.06	-13.00	34.06	14
3	2496.60	-60.45	2.30	12.00	Vertical	-52.90	-13.00	39.90	26
4	3326.00	-63.36	2.70	12.70	Vertical	-55.51	-13.00	42.51	136
5	4157.50	-61.34	3.00	12.50	Vertical	-53.99	-13.00	40.99	41
6	4989.00	-60.34	3.40	12.50	Vertical	-53.39	-13.00	40.39	78
7	5820.50	-61.36	3.40	12.80	Vertical	-54.11	-13.00	41.11	214
8	6652.00	-56.77	4.10	11.50	Vertical	-51.52	-13.00	38.52	85
9	7483.50	-55.02	4.20	12.20	Vertical	-49.17	-13.00	36.17	74
10	8315.00	-54.90	4.30	12.50	Vertical	-48.85	-13.00	35.85	153

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 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	5060.00	-63.06	3.40	12.50	Vertical	-53.96	-25.00	28.96	14
3	7590.00	-58.33	4.40	12.20	Vertical	-50.53	-25.00	25.53	214
4	10120.00	-55.33	4.70	11.30	Vertical	-48.73	-25.00	23.73	86
5	12650.00	-53.19	5.40	13.20	Vertical	-45.39	-25.00	20.39	2
6	15180.00	-56.85	6.10	13.10	Vertical	-49.85	-25.00	24.85	76
7	17710.00	-57.36	6.10	14.20	Vertical	-49.26	-25.00	24.26	17
8	20240.00	--	--	--	--	--	--	--	--
9	22770.00	--	--	--	--	--	--	--	--
10	253000.00	--	--	--	--	--	--	--	--

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 10MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	Result Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3486.00	-53.96	2.70	12.70	Vertical	-43.96	-13.00	30.96	123
3	5229.00	-63.87	3.20	12.50	Vertical	-54.57	-13.00	41.57	41
4	6972.00	-62.17	4.20	11.80	Vertical	-54.57	-13.00	41.57	75
5	8715.00	-44.27	4.40	12.50	Vertical	-36.17	-13.00	23.17	9
6	10443.00	-58.86	4.70	11.80	Vertical	-51.76	-13.00	38.76	52
7	12184.00	-61.63	5.20	13.80	Vertical	-53.03	-13.00	40.03	38
8	13944.00	-63.08	5.70	13.20	Vertical	-55.58	-13.00	42.58	12
9	15687.00	-73.58	6.10	16.80	Vertical	-62.88	-13.00	49.88	75
10	17430.00	-66.41	6.10	14.20	Vertical	-58.31	-13.00	45.31	214
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.									

7. Main Test Instruments

Date of Testing: November 22, 2024~ December 3, 2024

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Climate Chamber	WEISS	VT 4002	58226119450010	2024-05-07	2025-05-06
Wireless Communication Tester	R&S	CMW500	150415	2024-05-07	2025-05-06
Spectrum Analyzer	Keysight	N9020A	MY50510203	2024-05-07	2025-05-06
DC Power Supply	UNI-T	UTP1310+	C220795889	2024-05-08	2025-05-07
Spectrum Analyzer	R&S	FSV3030	101411	2023-12-05	2024-12-04

Date of Testing: December 10, 2024 ~ December 11, 2024

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Spectrum Analyzer	R&S	FSV30	100815	2024-12-02	2025-12-01
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	391	2022-09-29	2025-09-28
Horn Antenna	SCHWARZBECK	BBHA 9120D	1594	2023-12-05	2026-12-04
Software	R&S	EMC32	10.35.10	/	/

ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

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