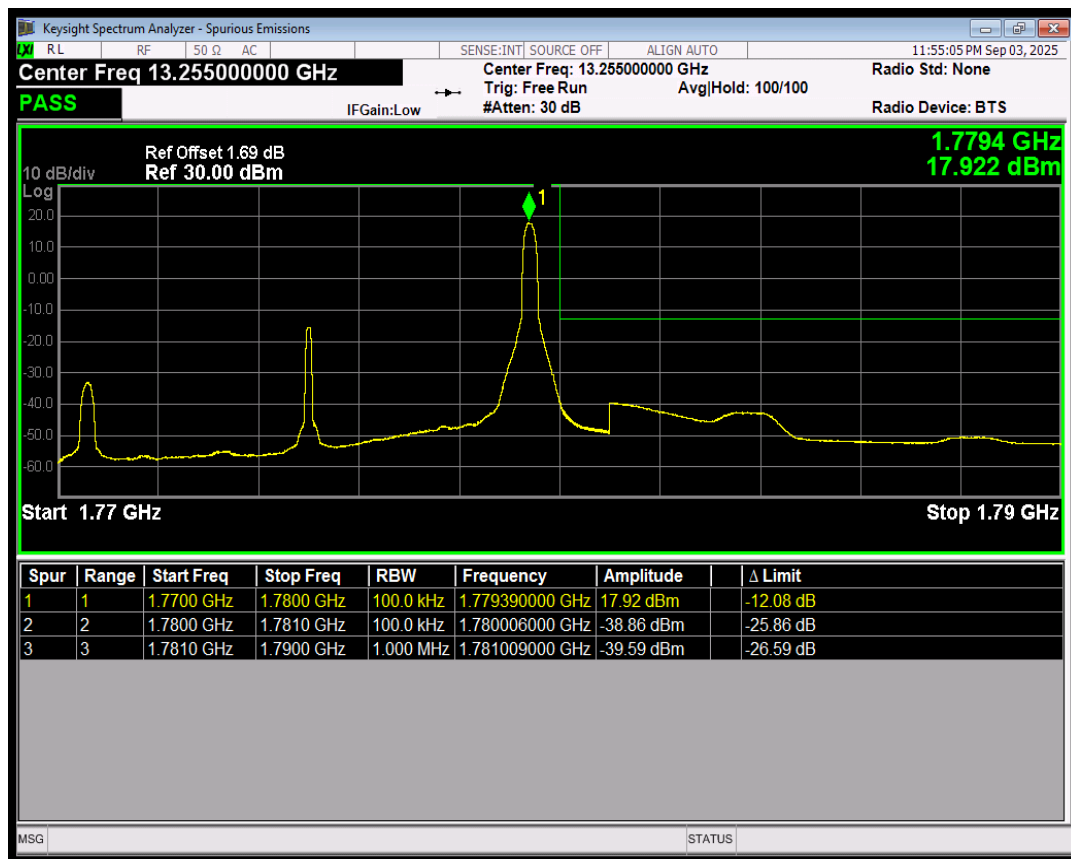
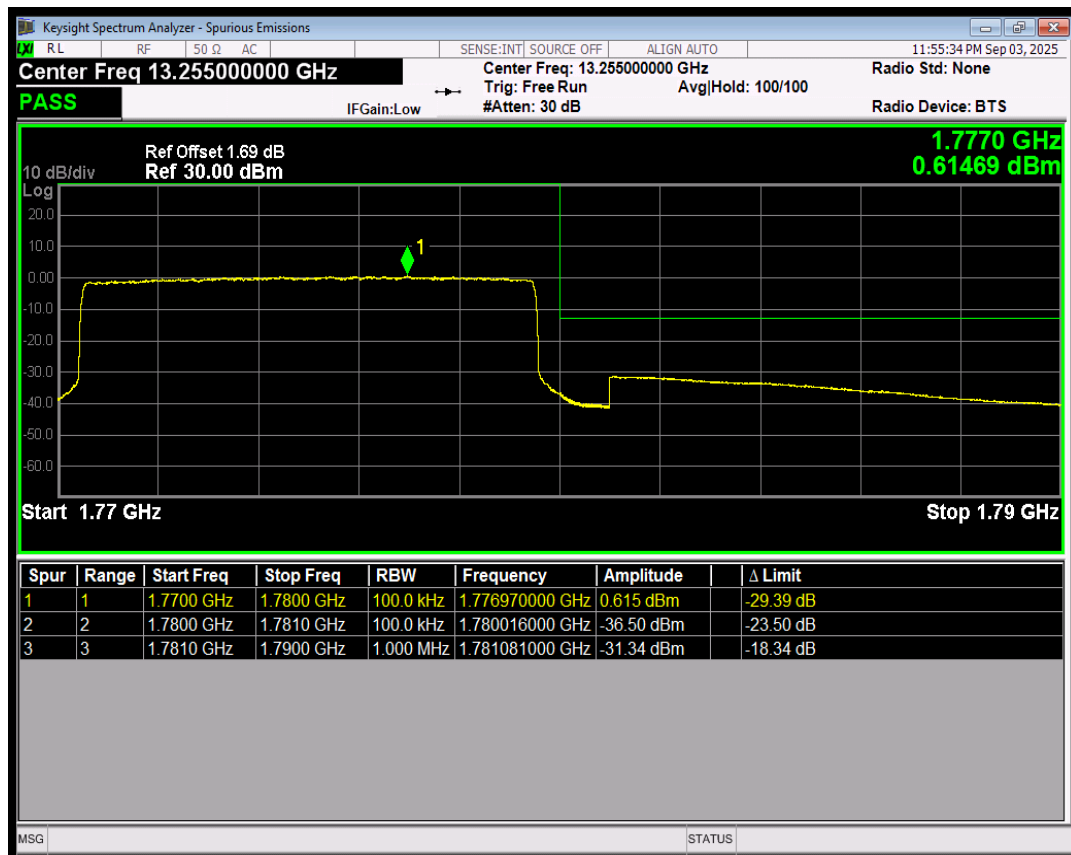


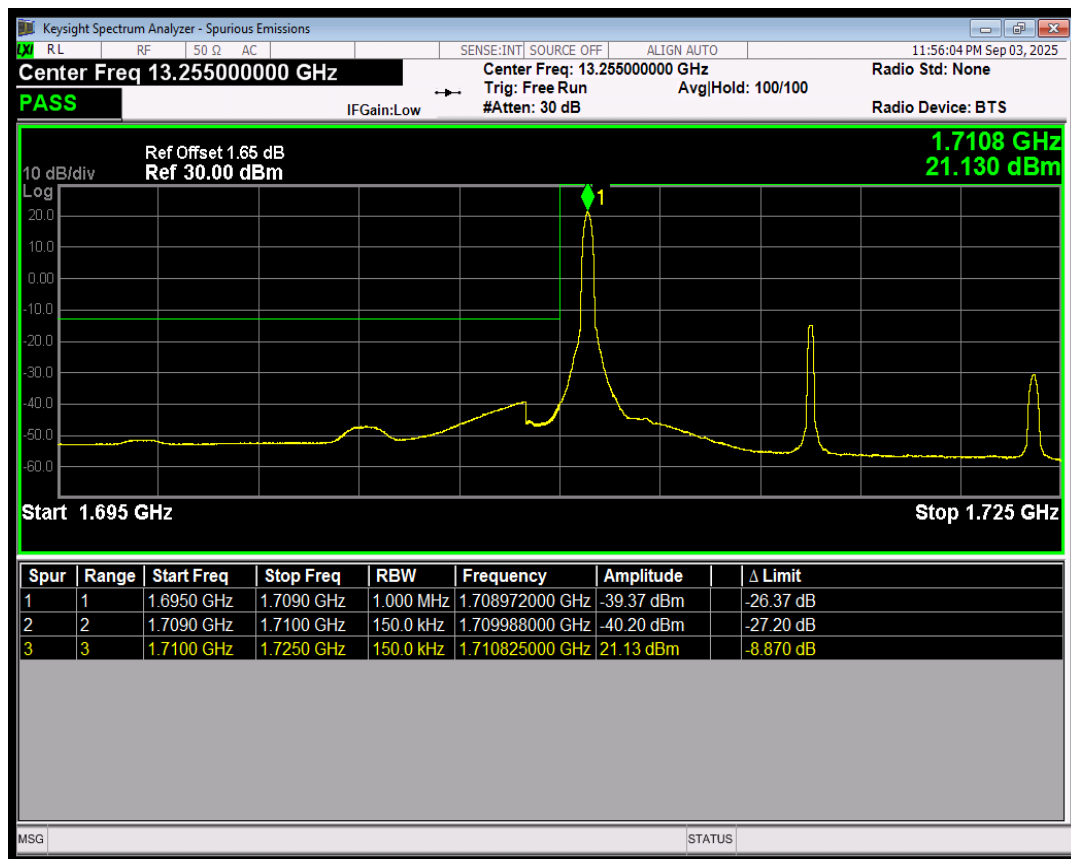
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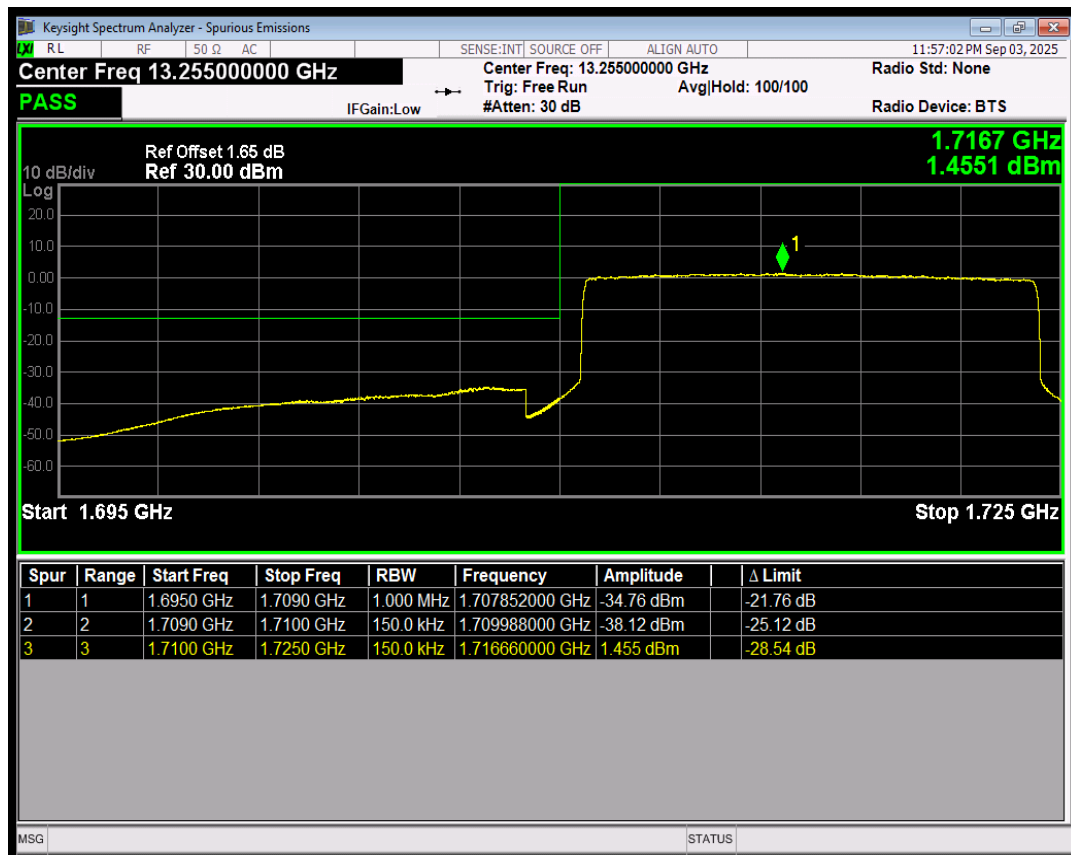
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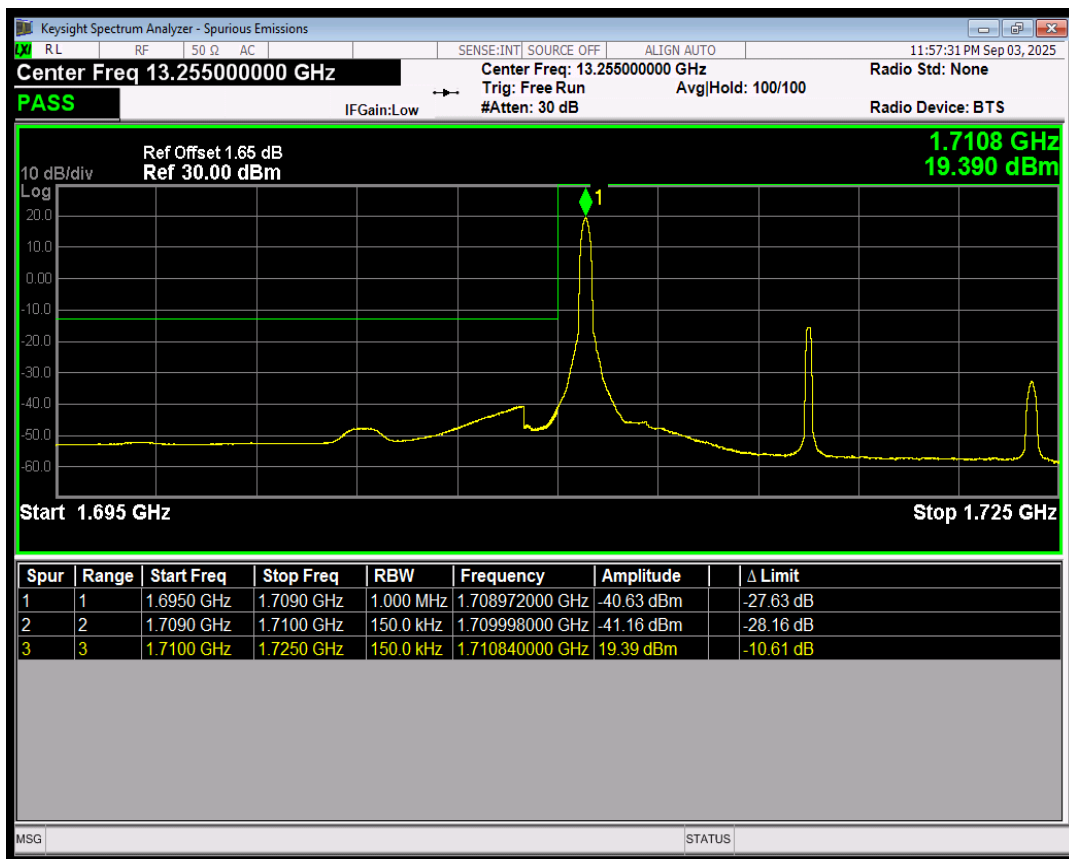
Band66 QPSK BW=15MHz LowChannel=132047 RB Size=1 Position=#0



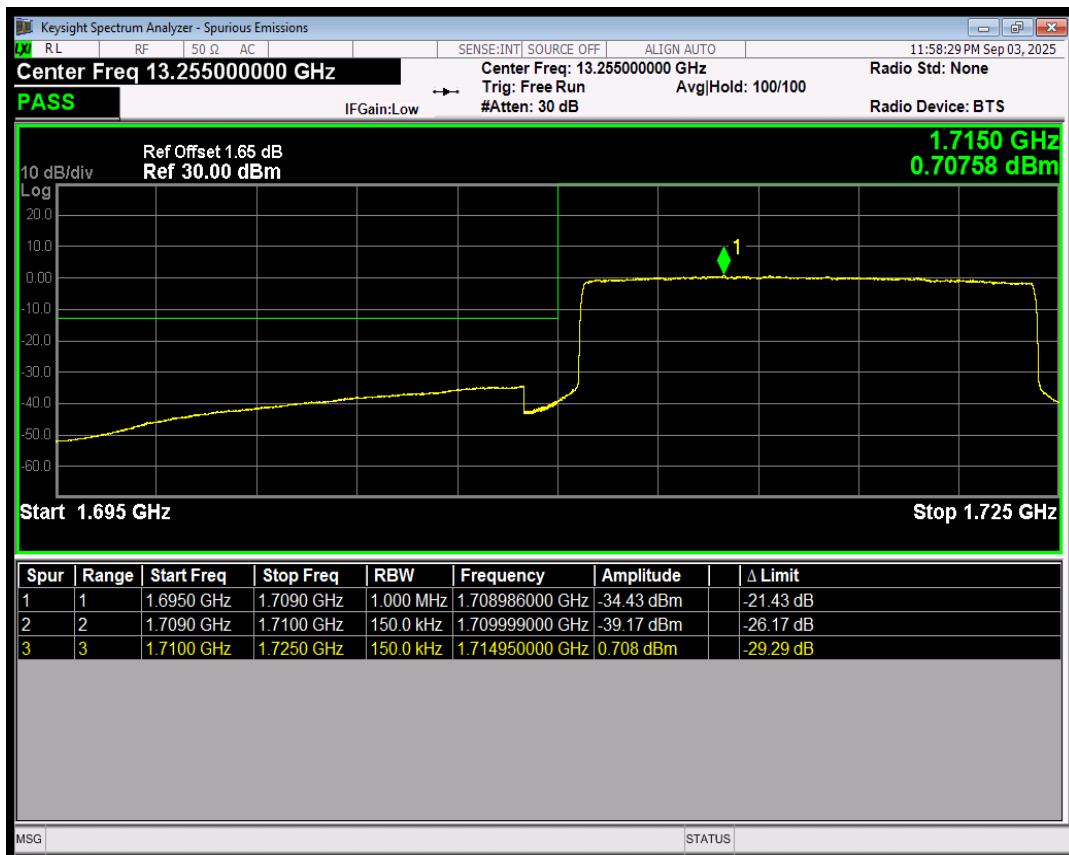
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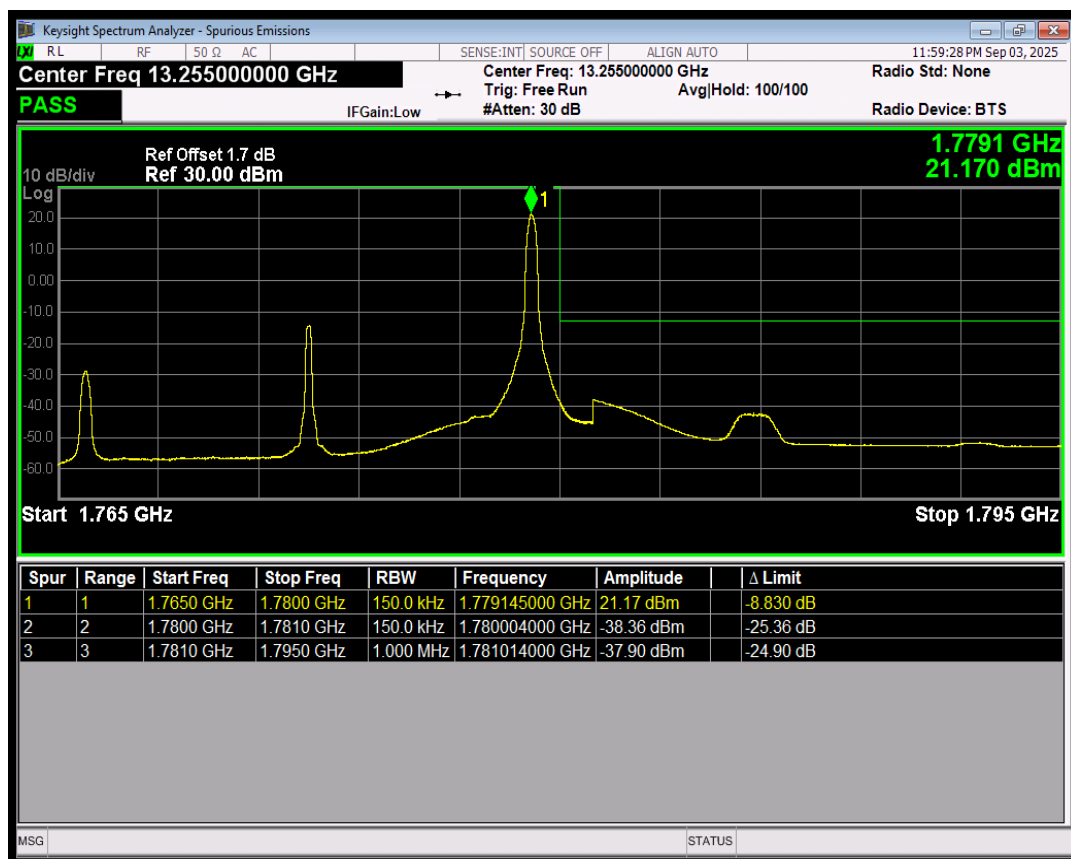
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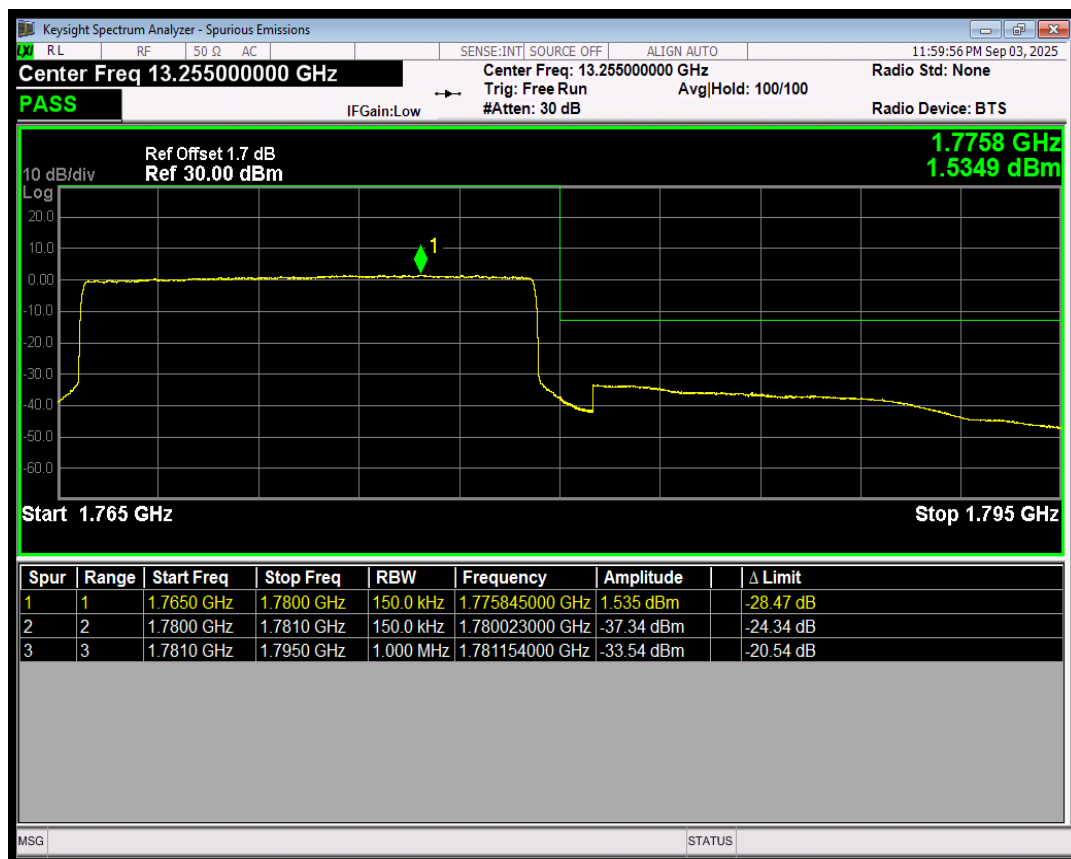
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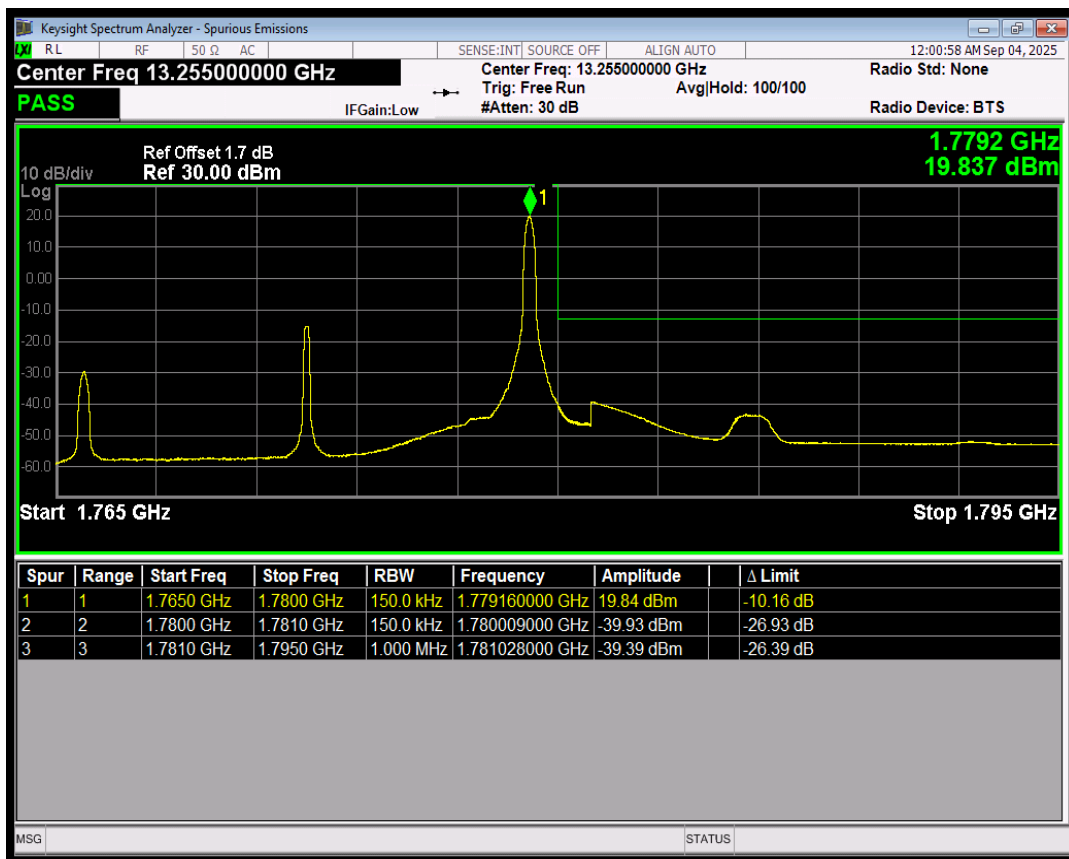
Band66 QPSK BW=15MHz HighChannel=132597 RB Size=1 Position=#Max



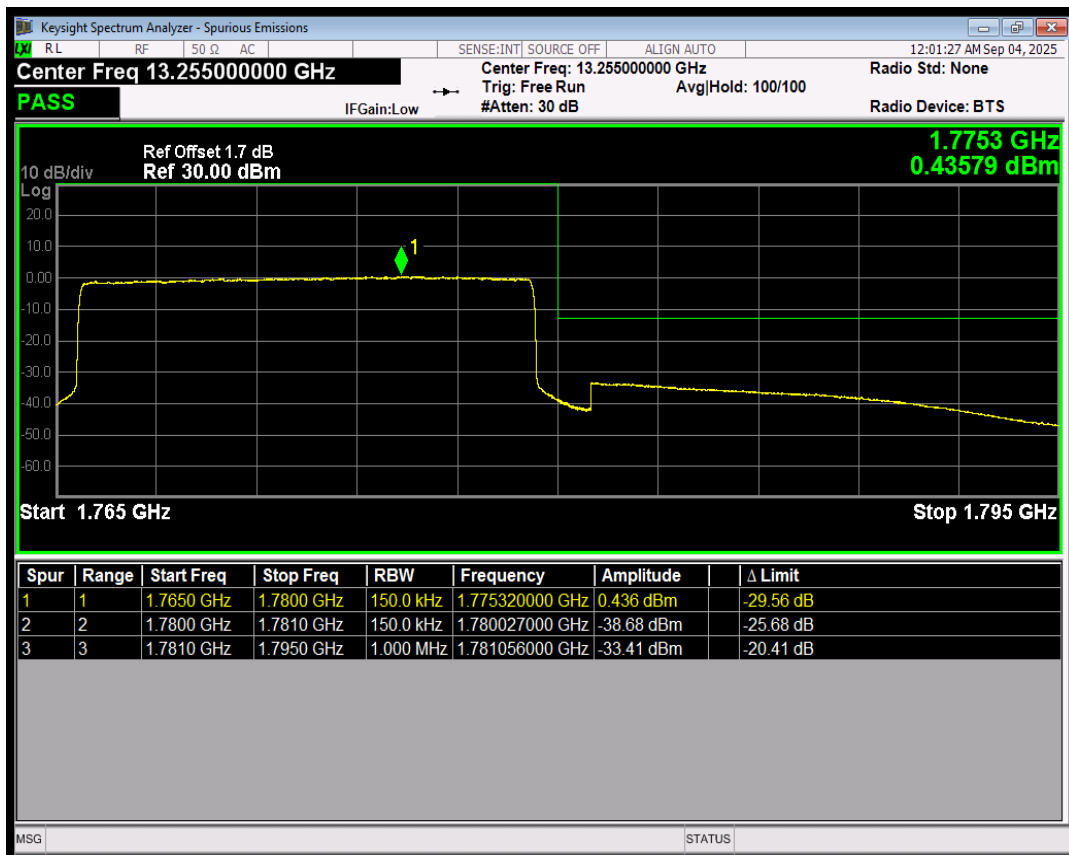
Band66 QPSK BW=15MHz HighChannel=132597 RB Size=75 Position=#0



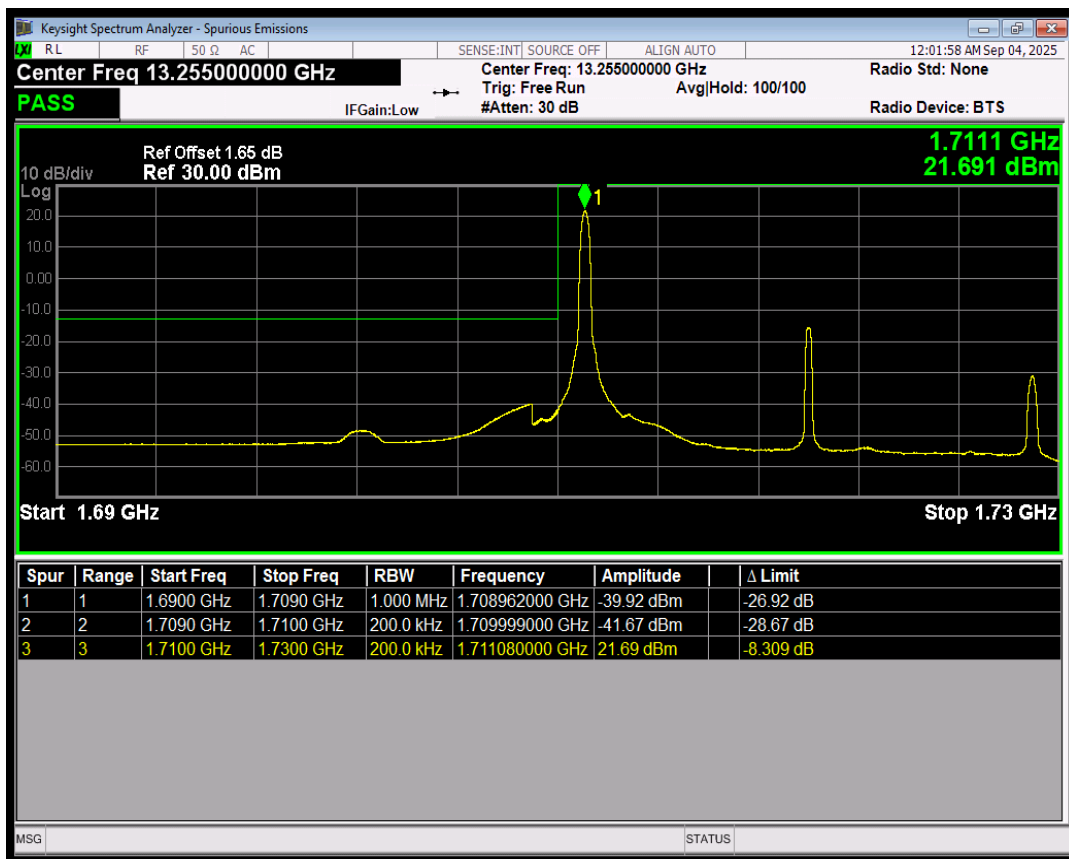
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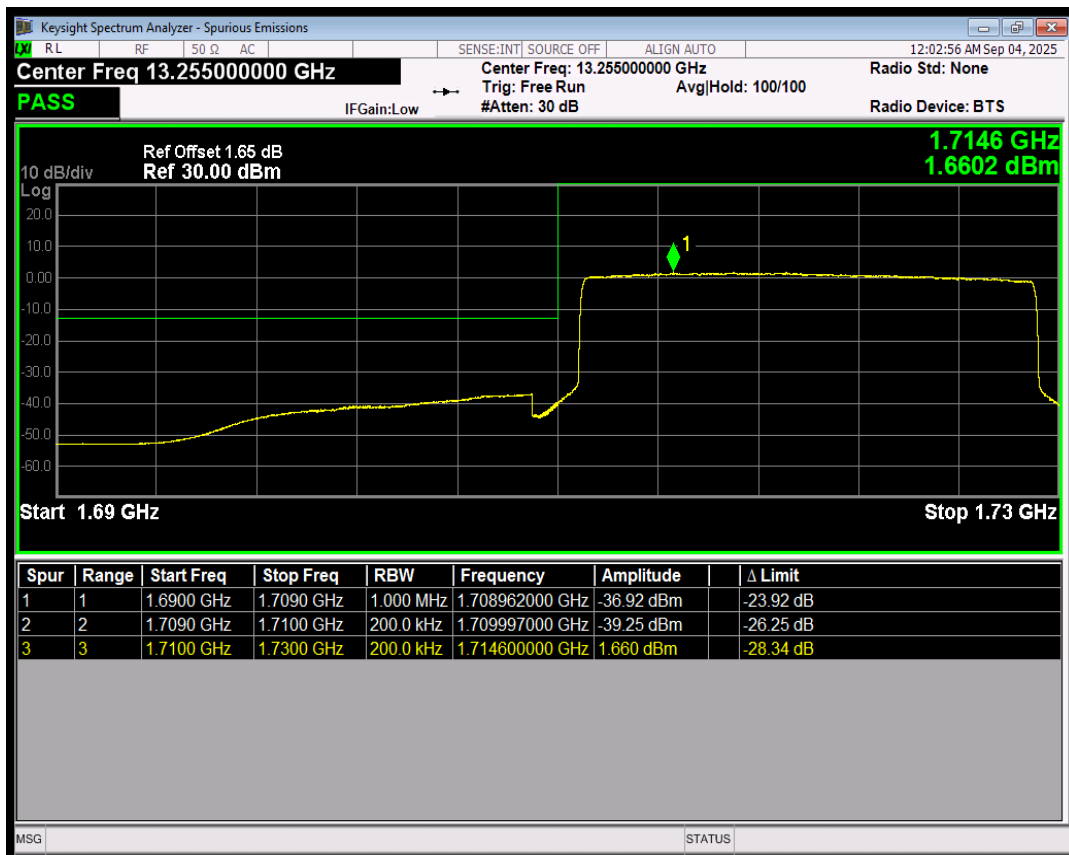
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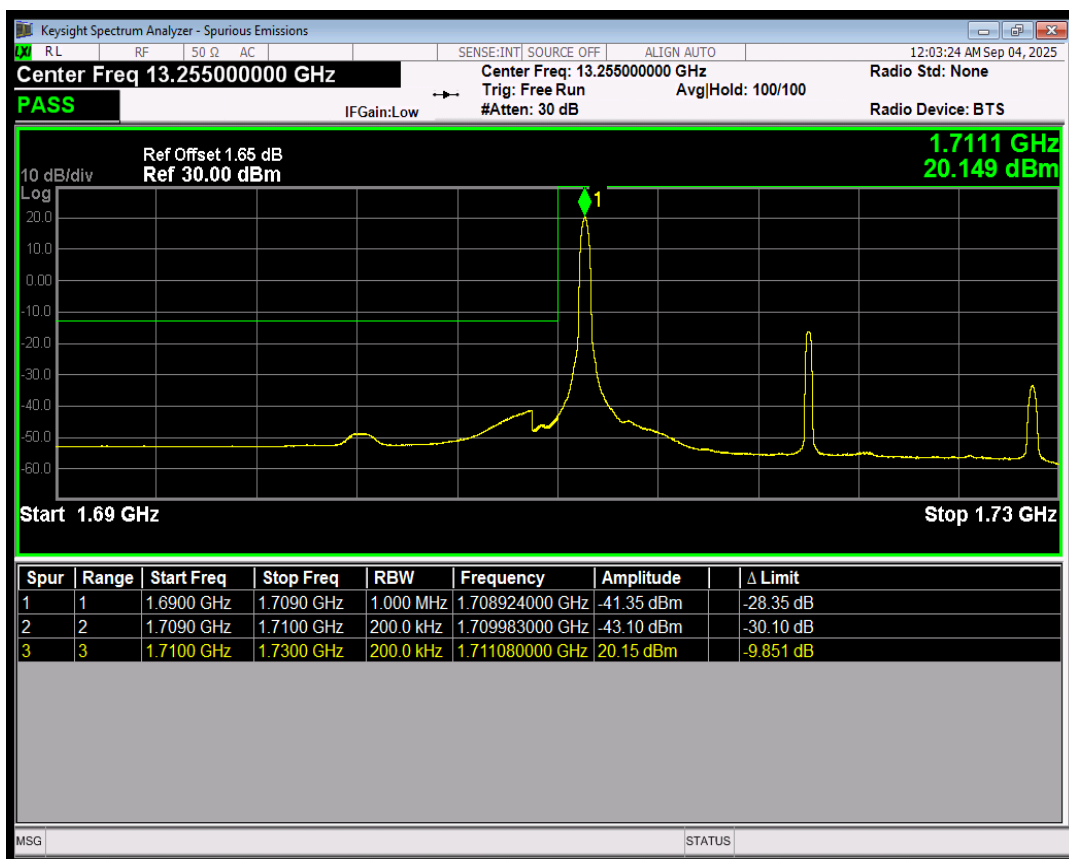
Band66 QPSK BW=20MHz LowChannel=132072 RB Size=1 Position=#0



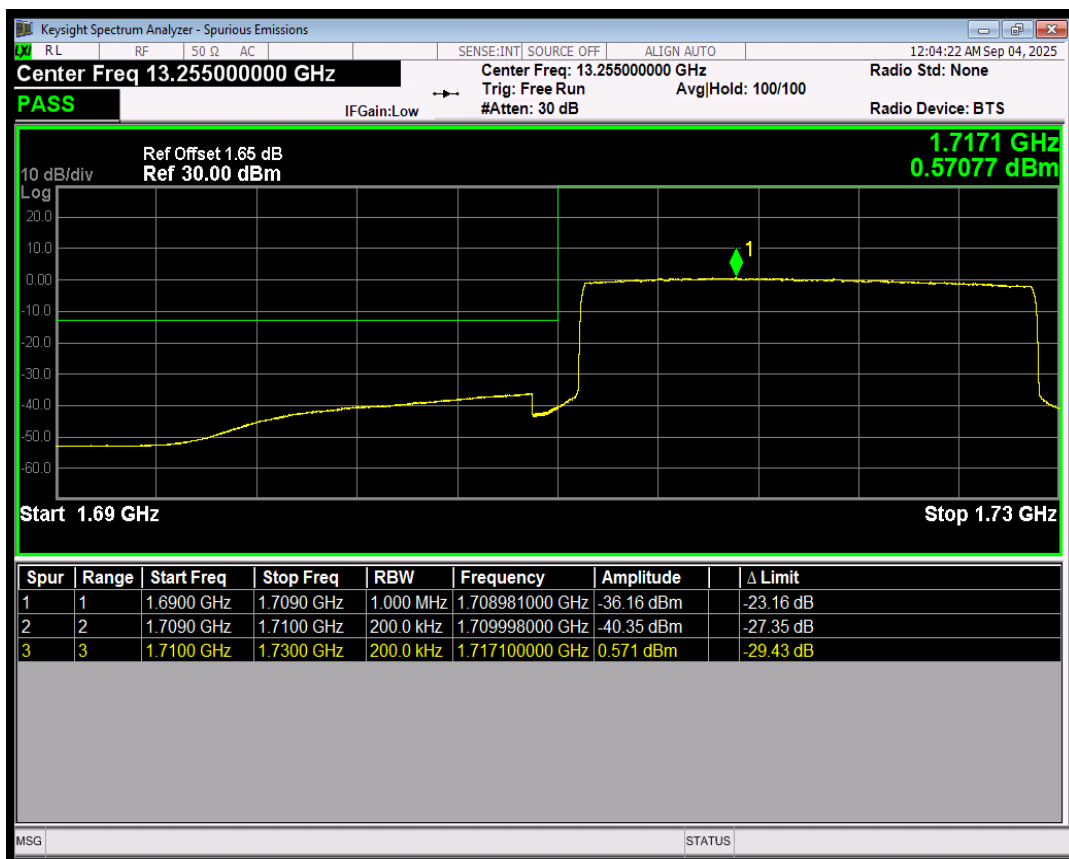
Band66 QPSK BW=20MHz LowChannel=132072 RB Size=100 Position=#0



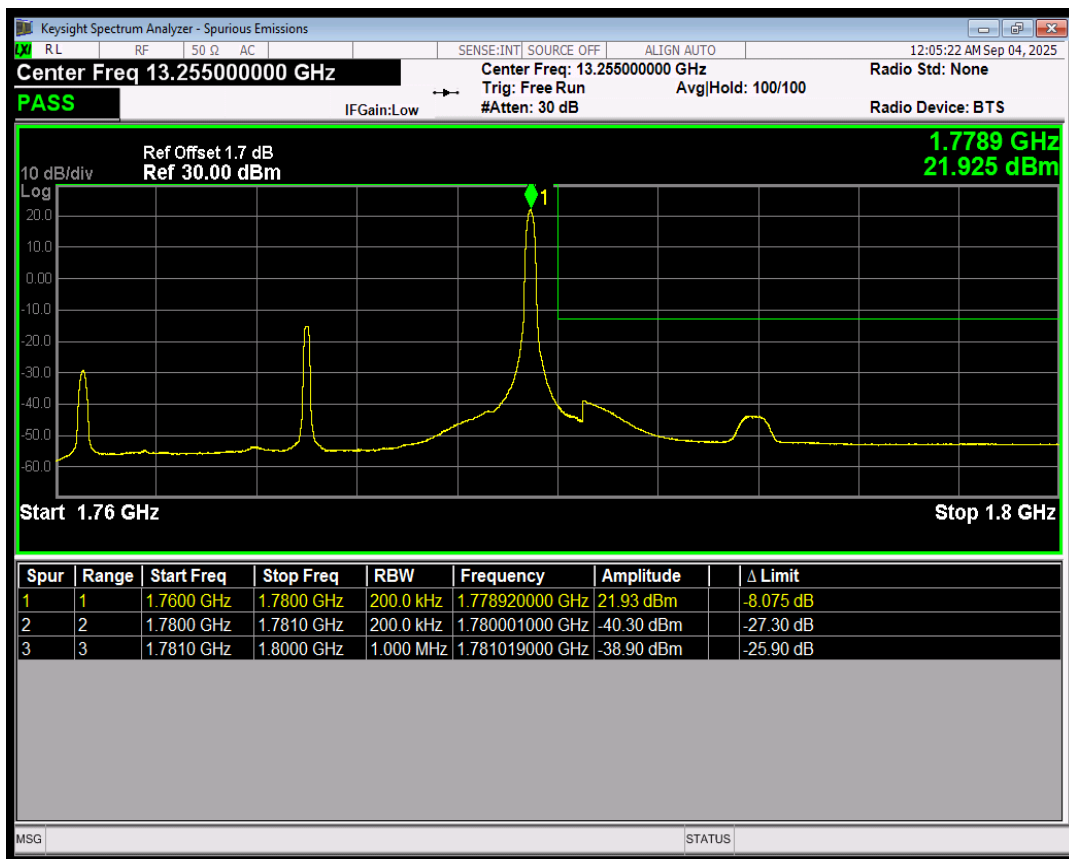
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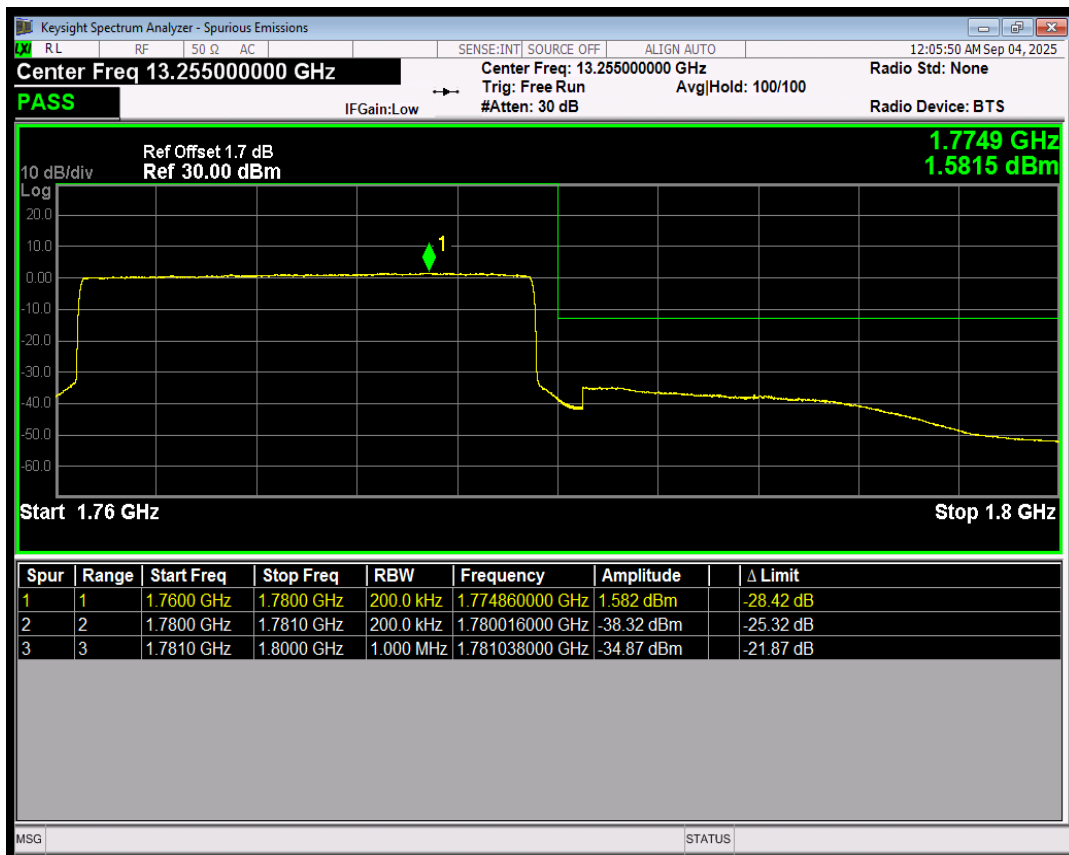
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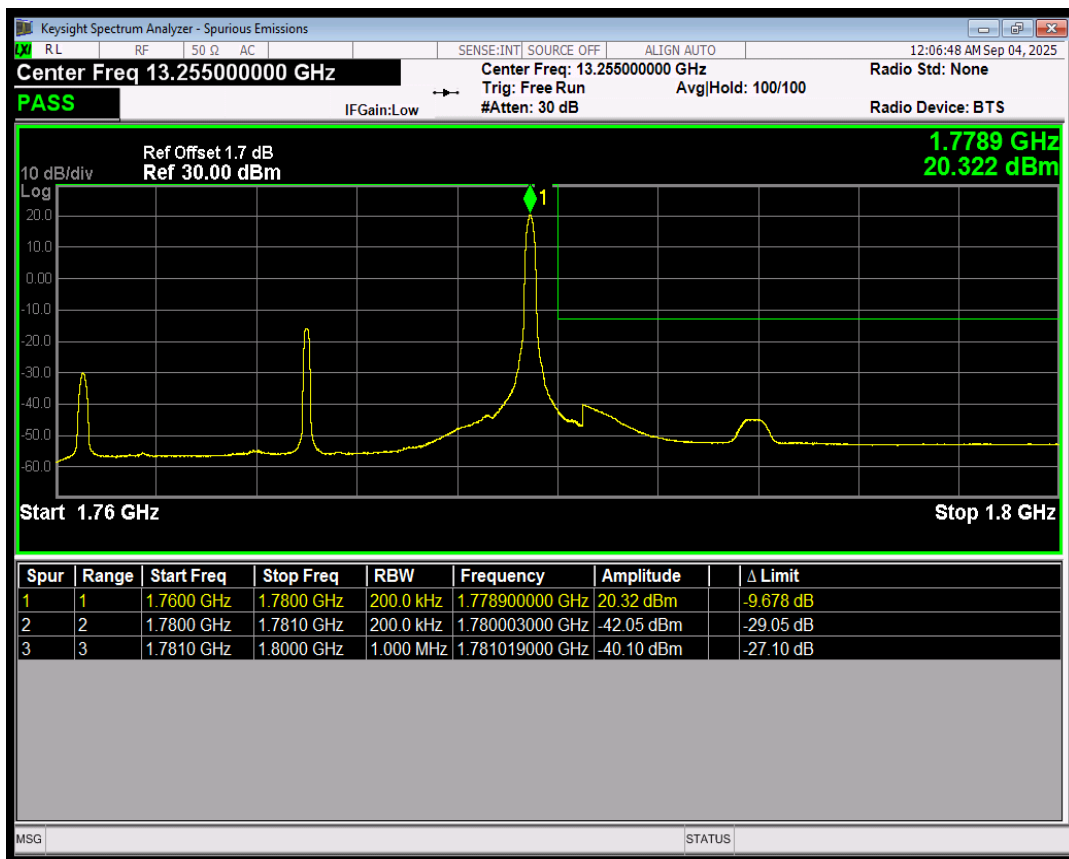
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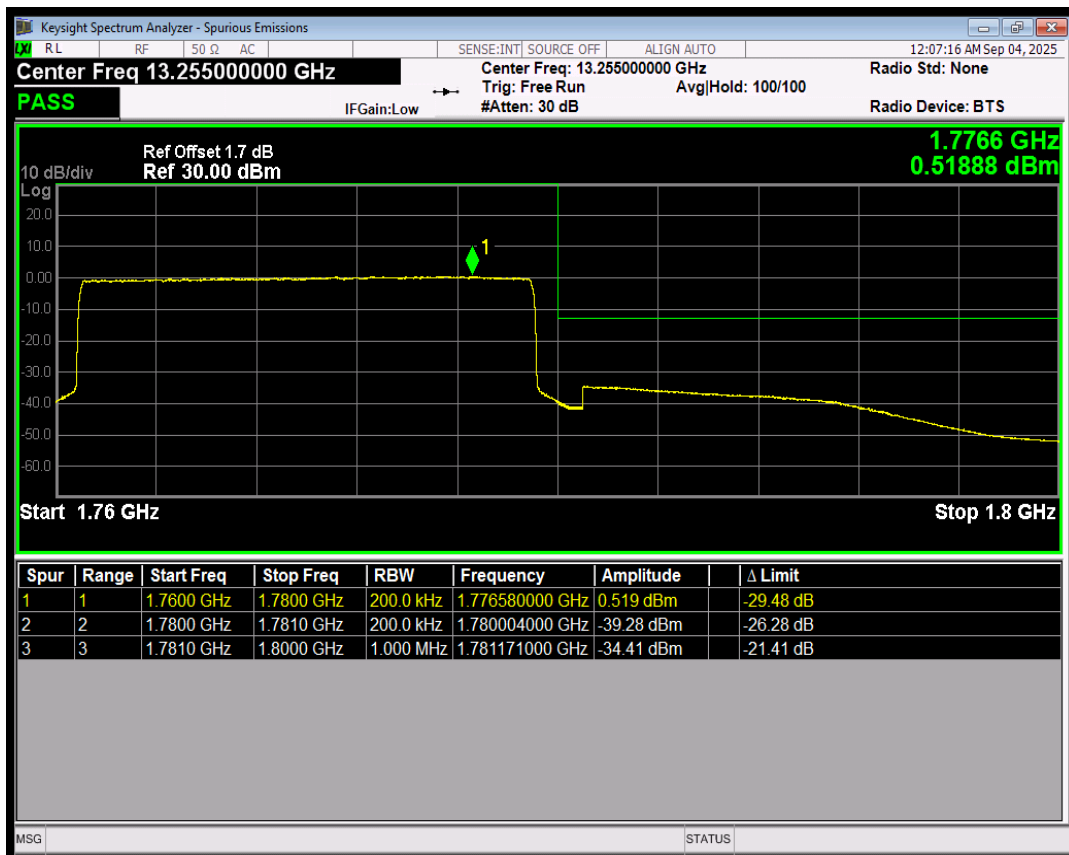
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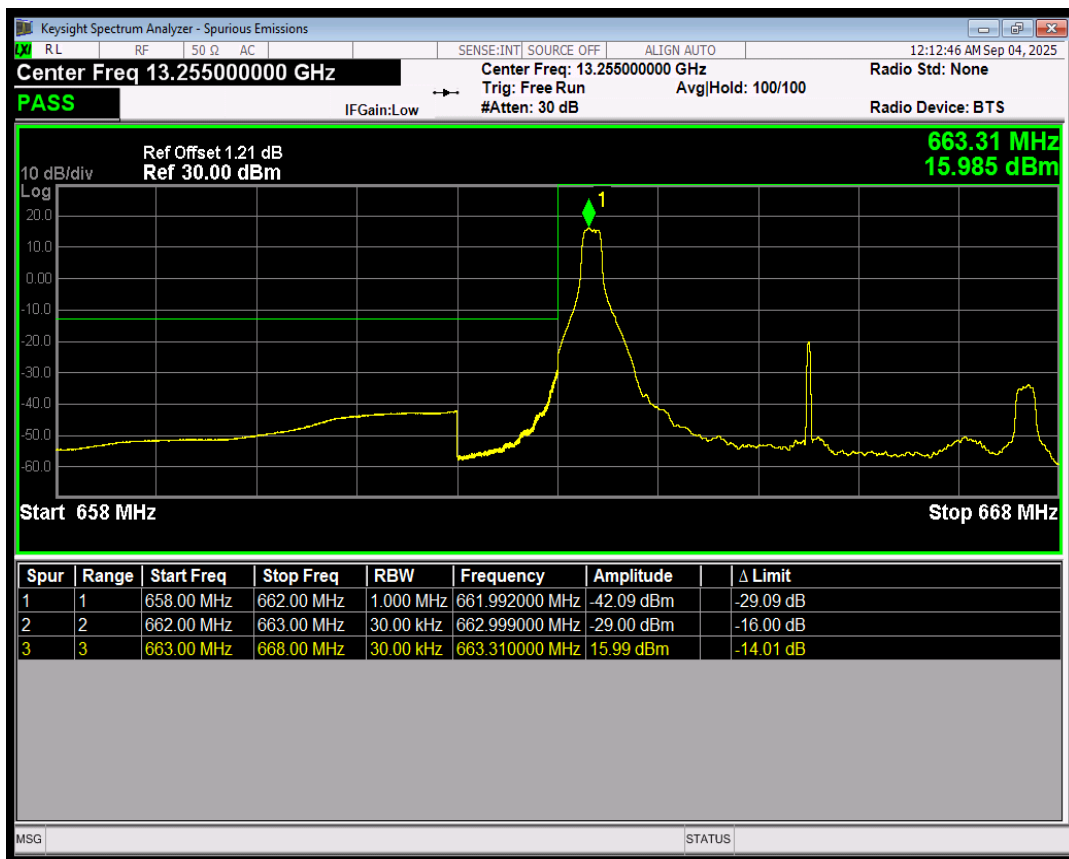
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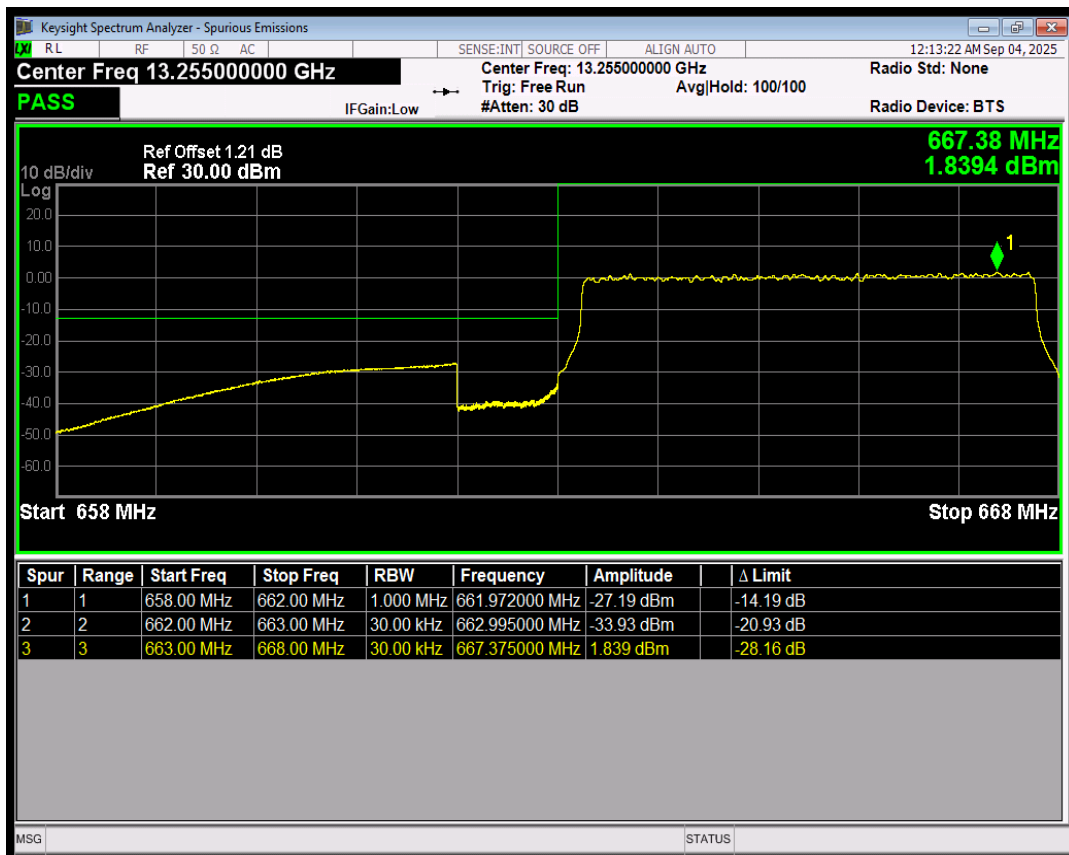
Band66 16QAM BW=20MHz HighChannel=132572 RB Size=100 Position=#0



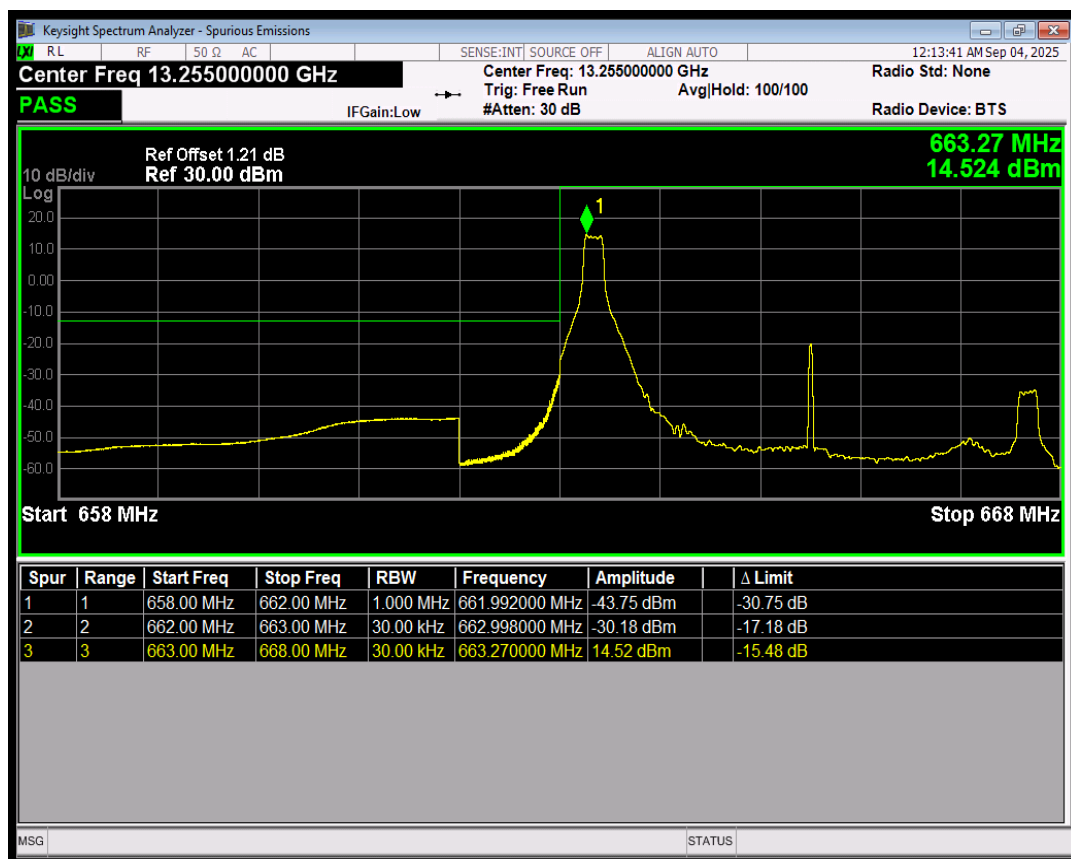
Band71 QPSK BW=5MHz LowChannel=133147 RB Size=1 Position=#0



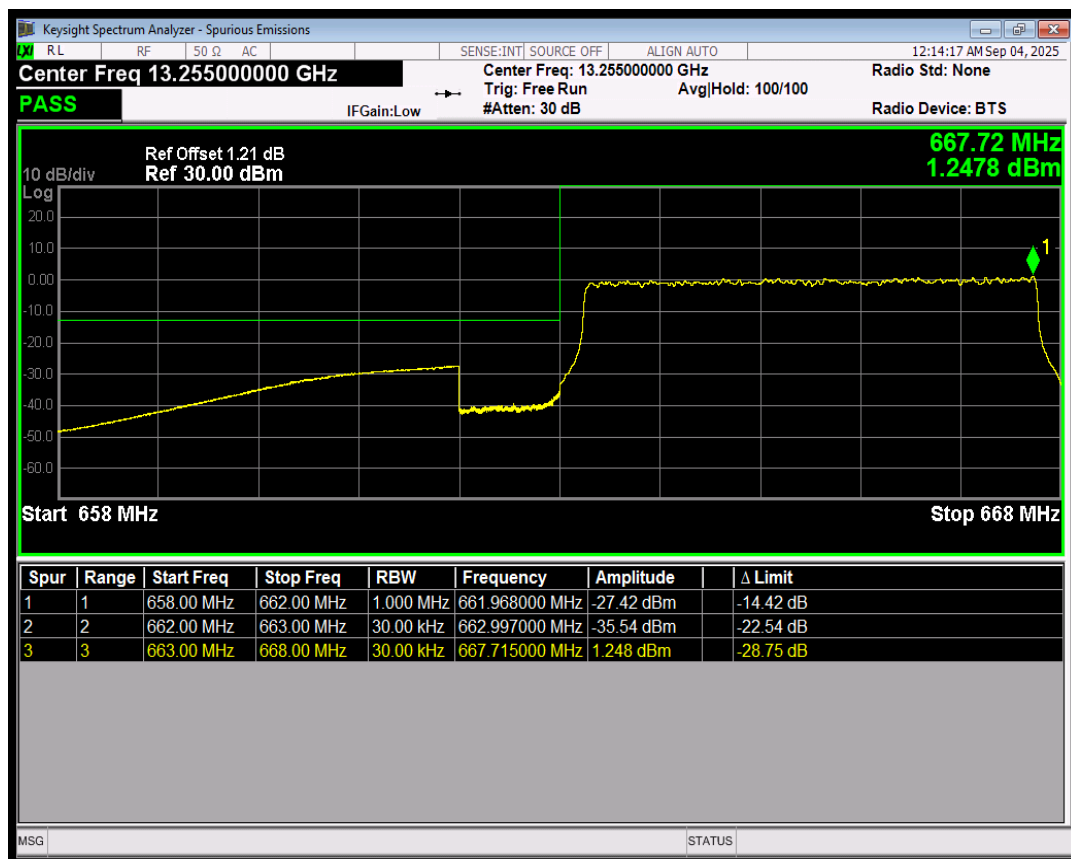
Band71 QPSK BW=5MHz LowChannel=133147 RB Size=25 Position=#0



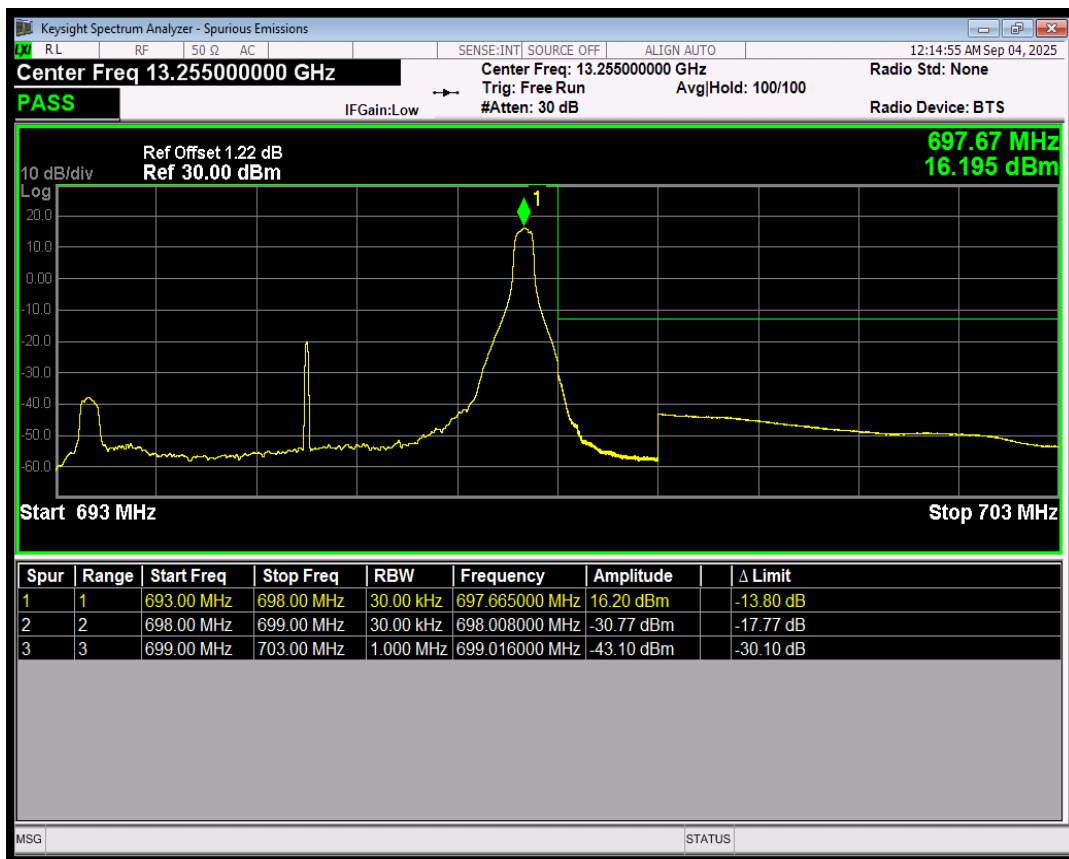
Band71 16QAM BW=5MHz LowChannel=133147 RB Size=1 Position=#0



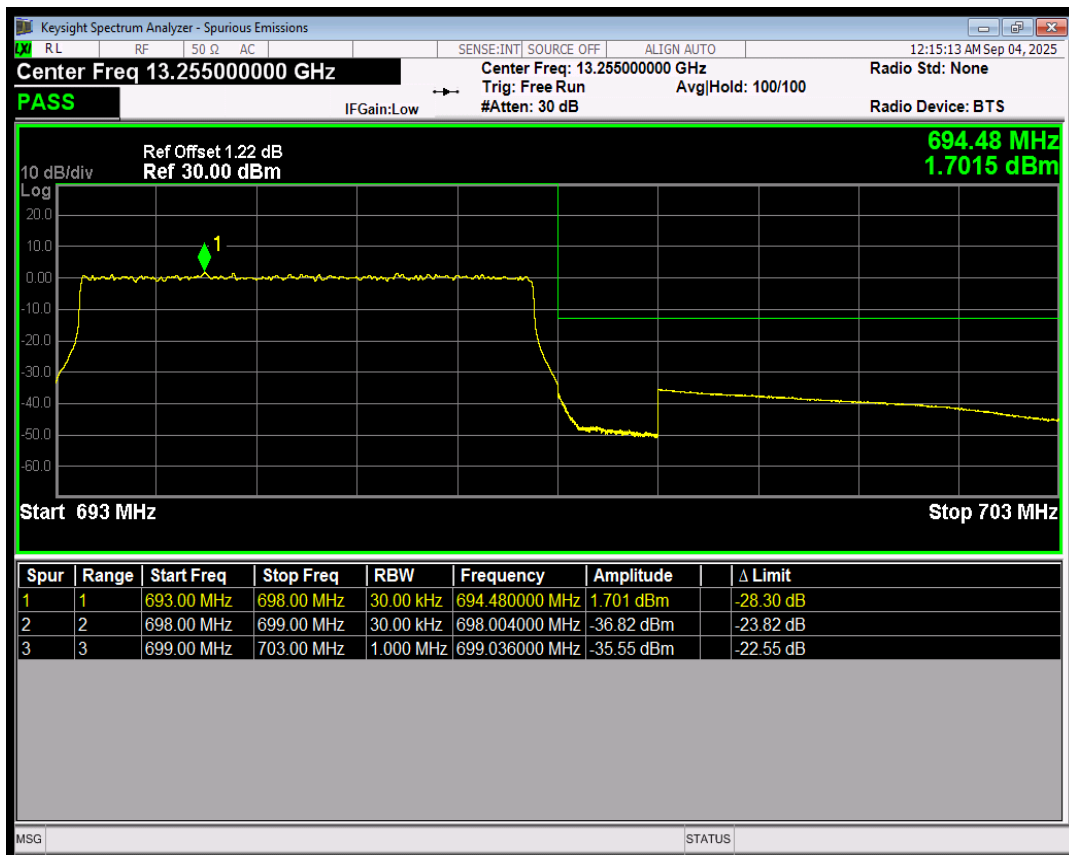
Band71 16QAM BW=5MHz LowChannel=133147 RB Size=25 Position=#0



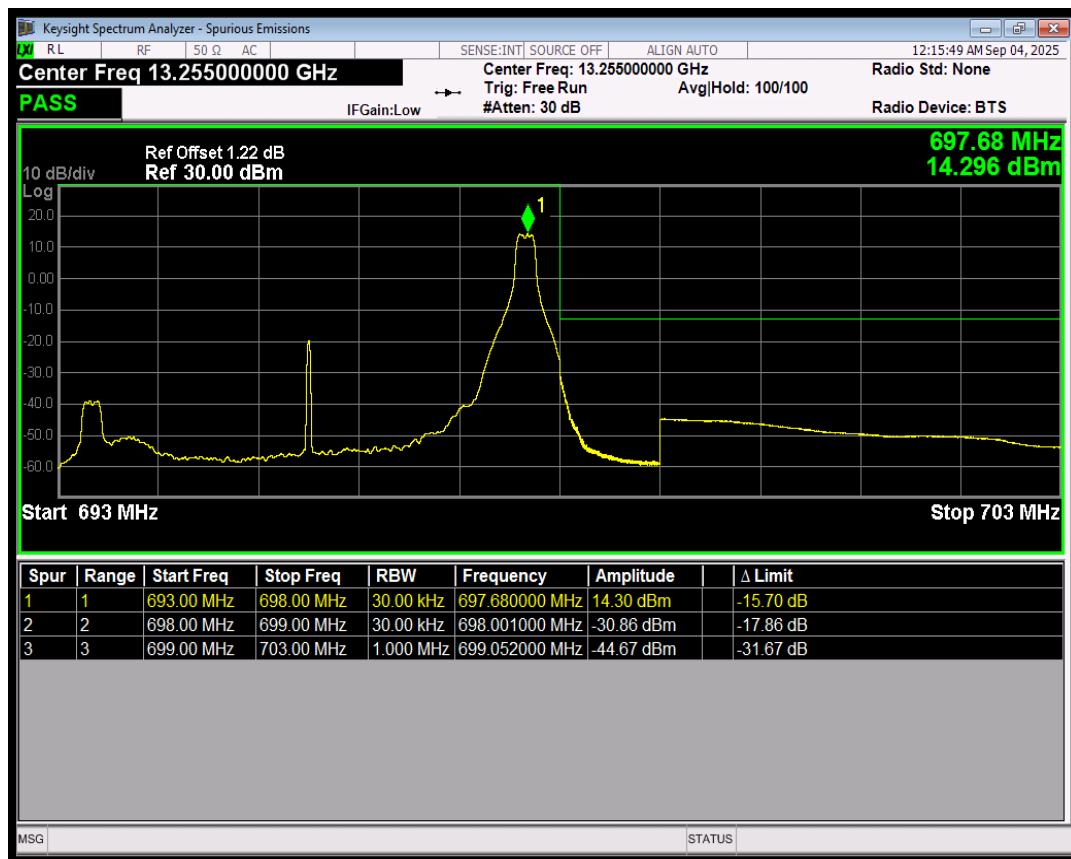
Band71 QPSK BW=5MHz HighChannel=133447 RB Size=1 Position=#Max



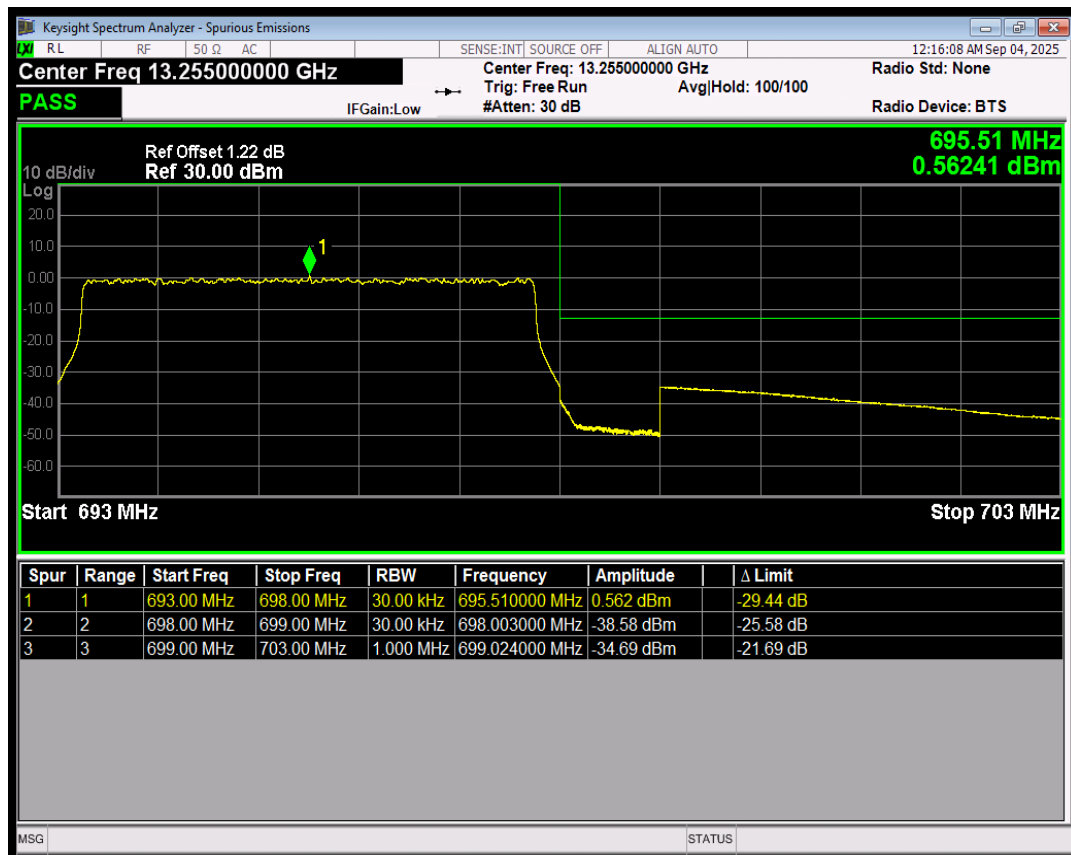
Band71 QPSK BW=5MHz HighChannel=133447 RB Size=25 Position=#0



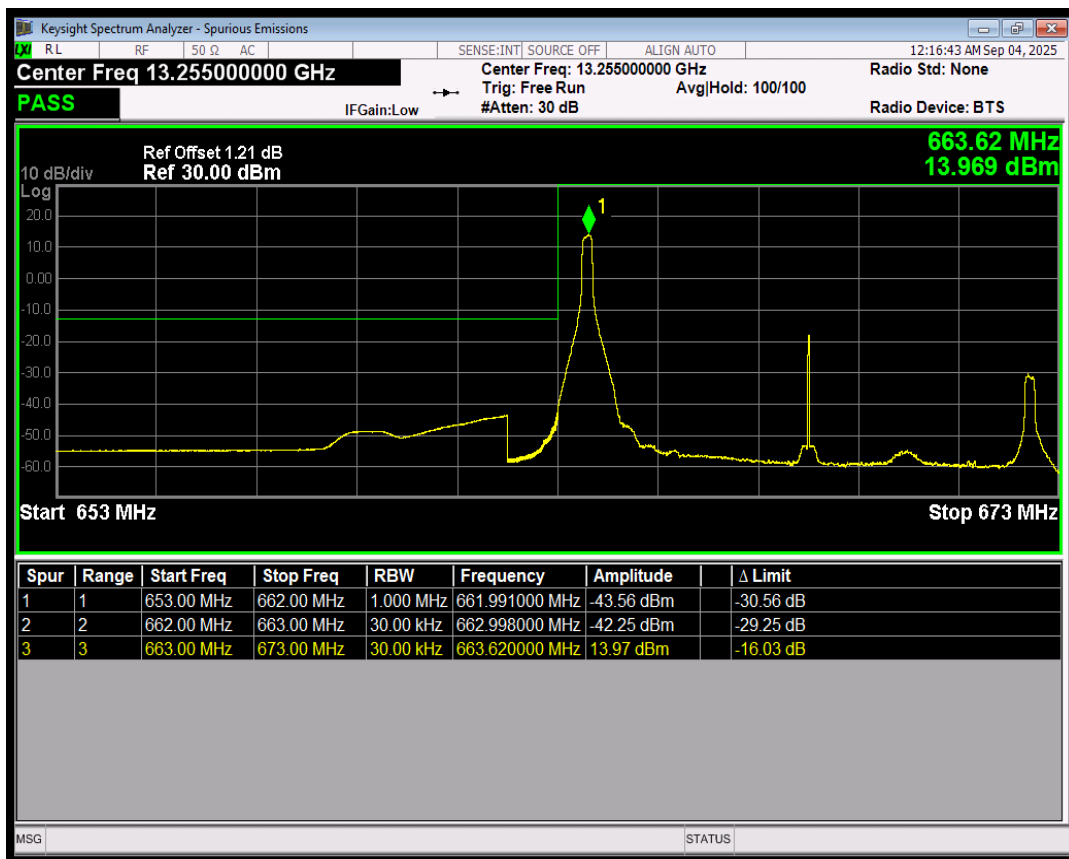
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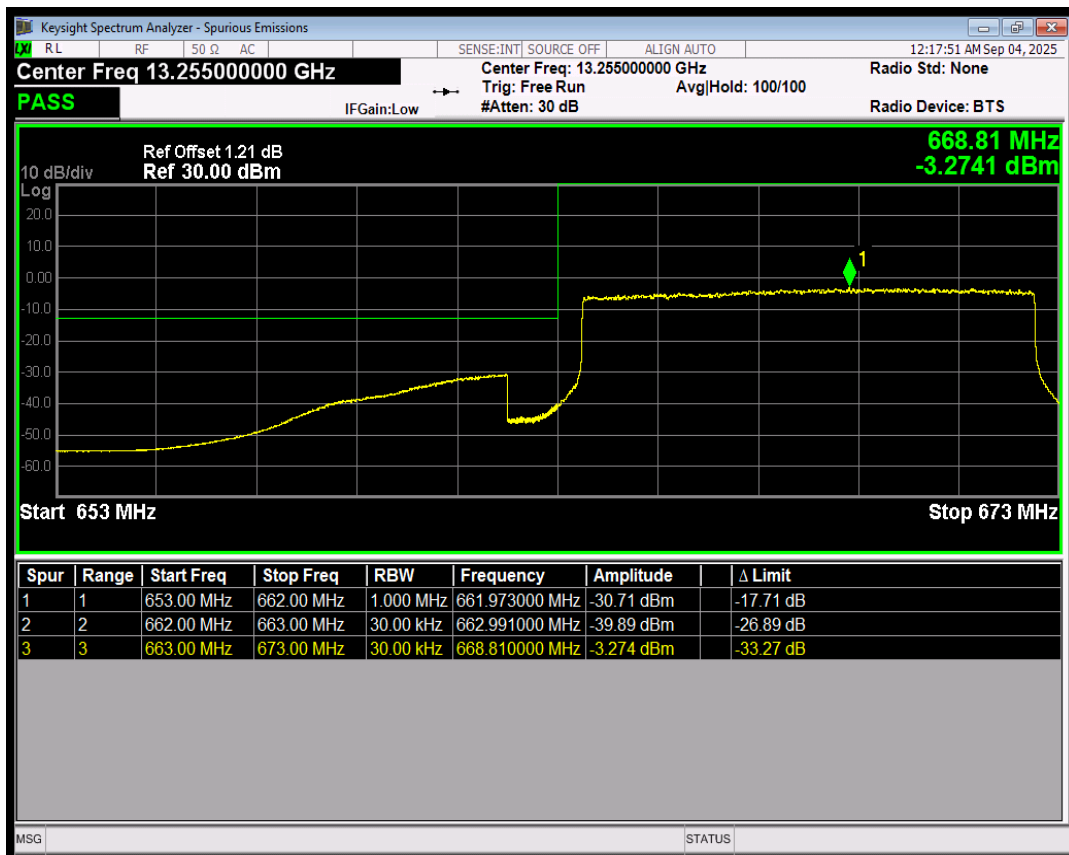
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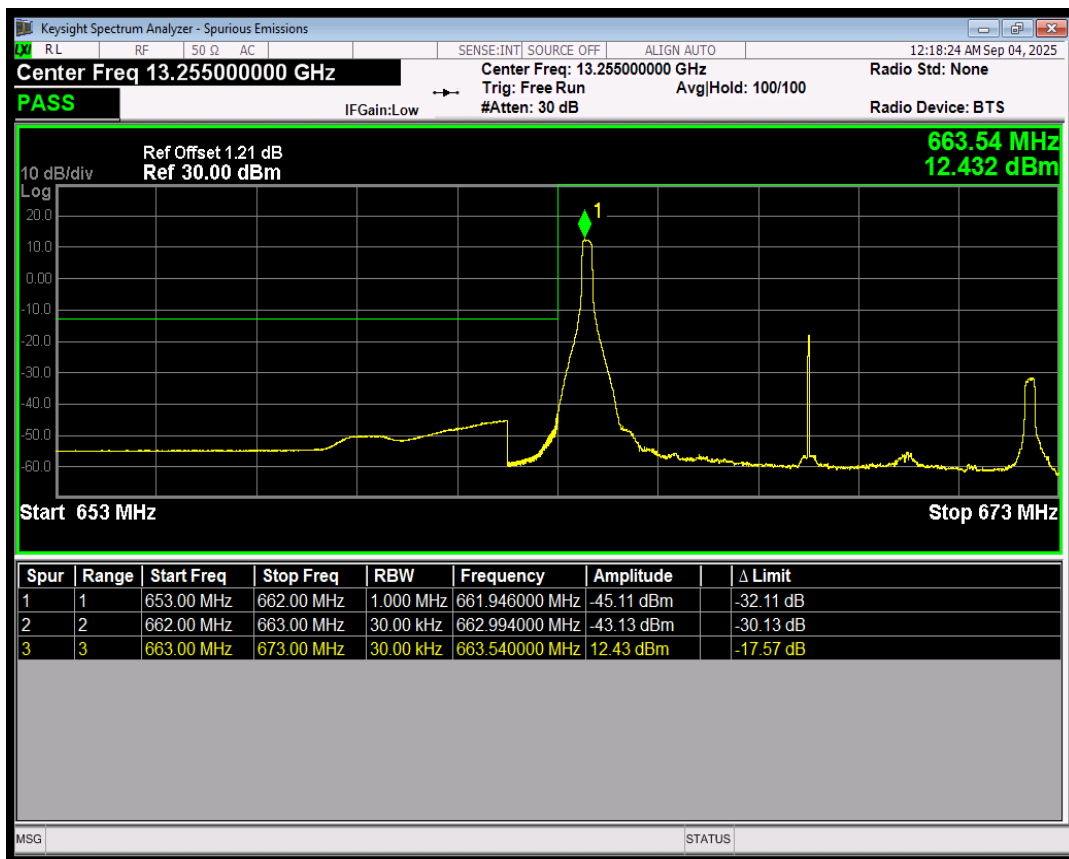
Band71 QPSK BW=10MHz LowChannel=133172 RB Size=1 Position=#0



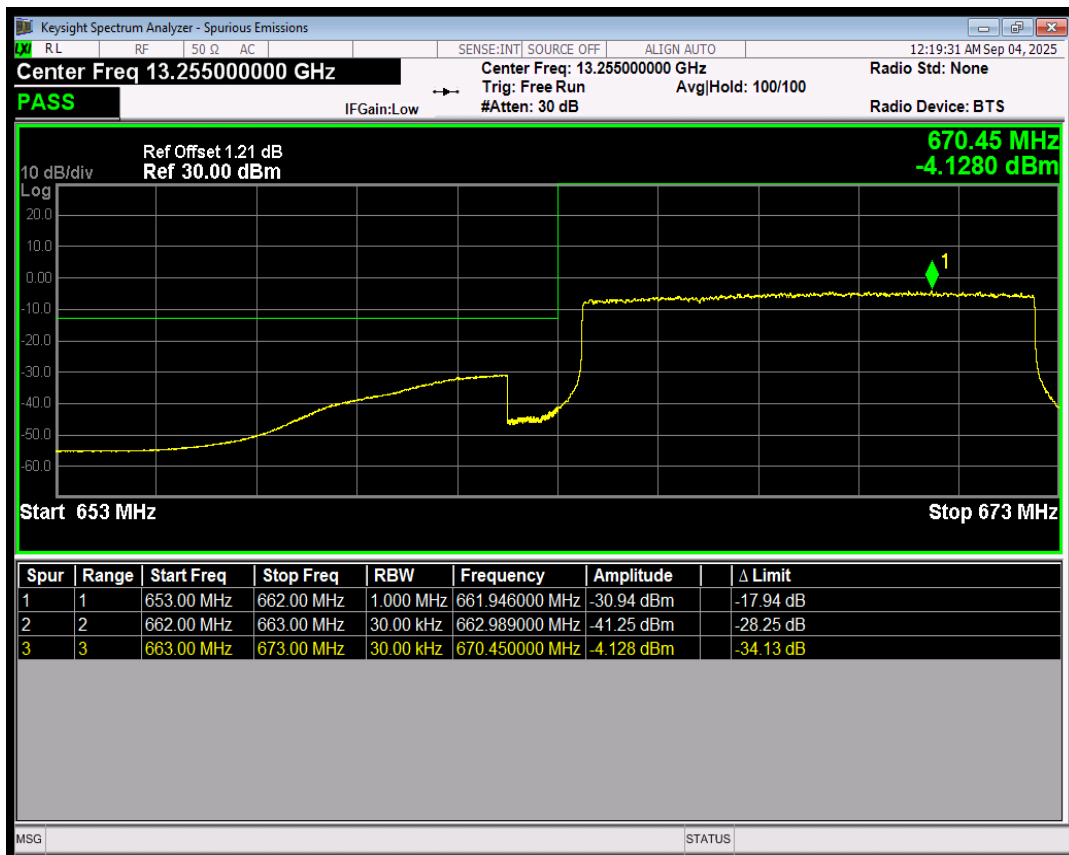
Band71 QPSK BW=10MHz LowChannel=133172 RB Size=50 Position=#0



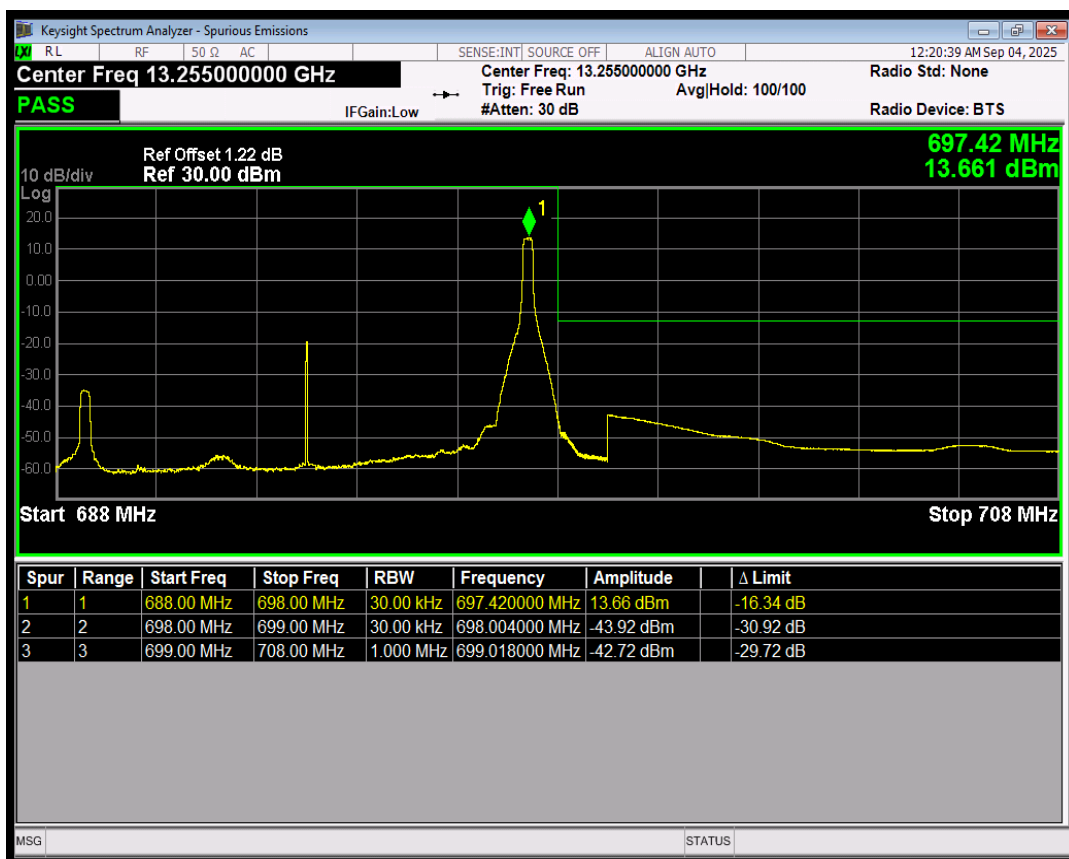
Band71 16QAM BW=10MHz LowChannel=133172 RB Size=1 Position=#0



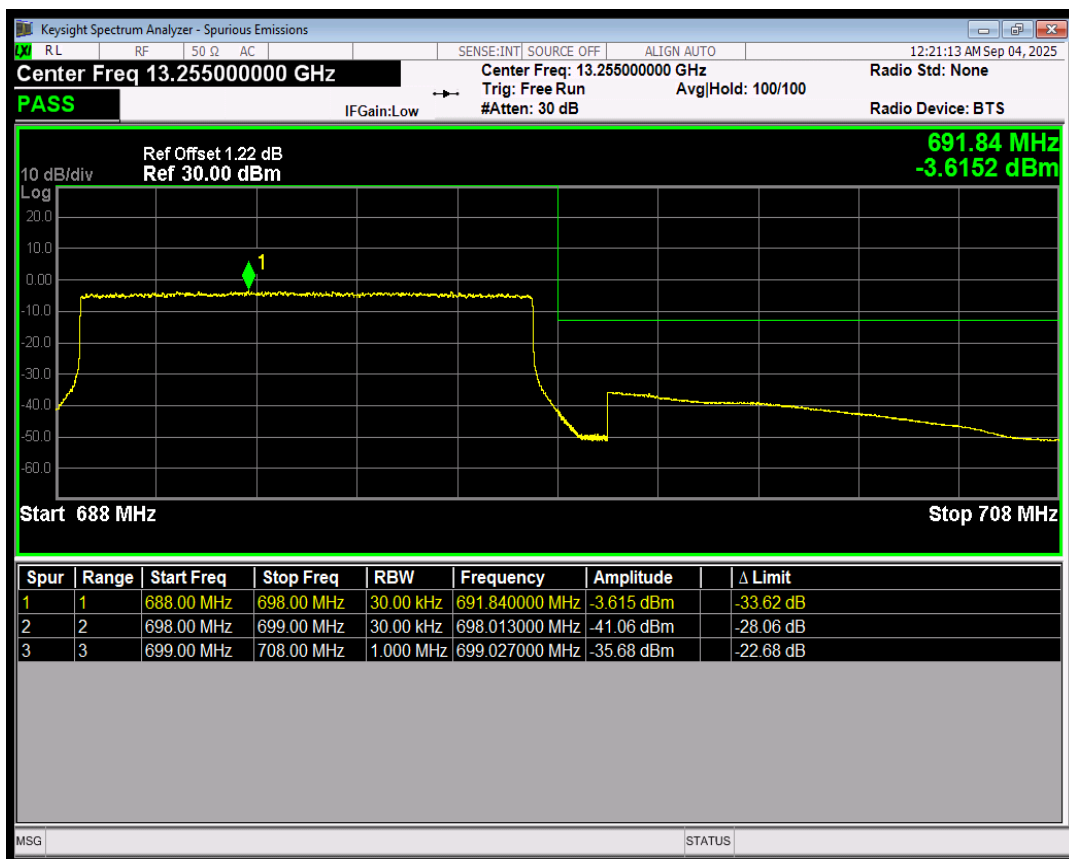
Band71 16QAM BW=10MHz LowChannel=133172 RB Size=50 Position=#0



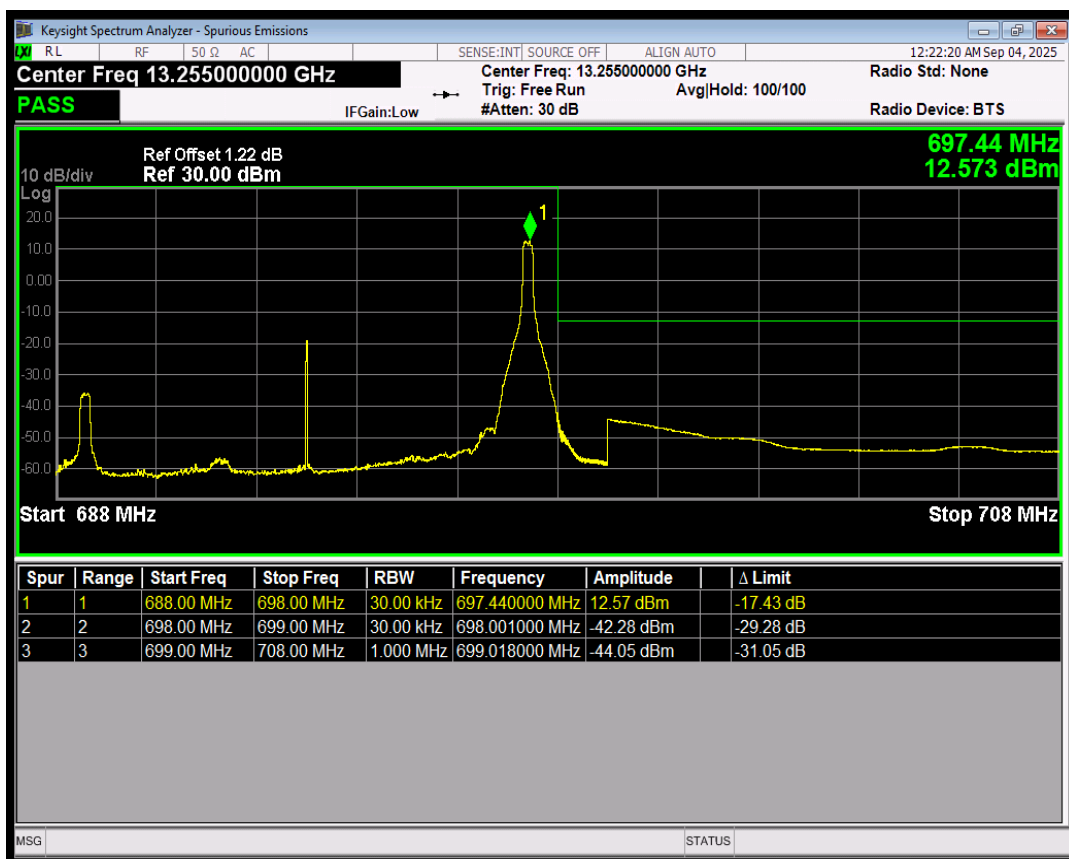
Band71 QPSK BW=10MHz HighChannel=133422 RB Size=1 Position=#Max



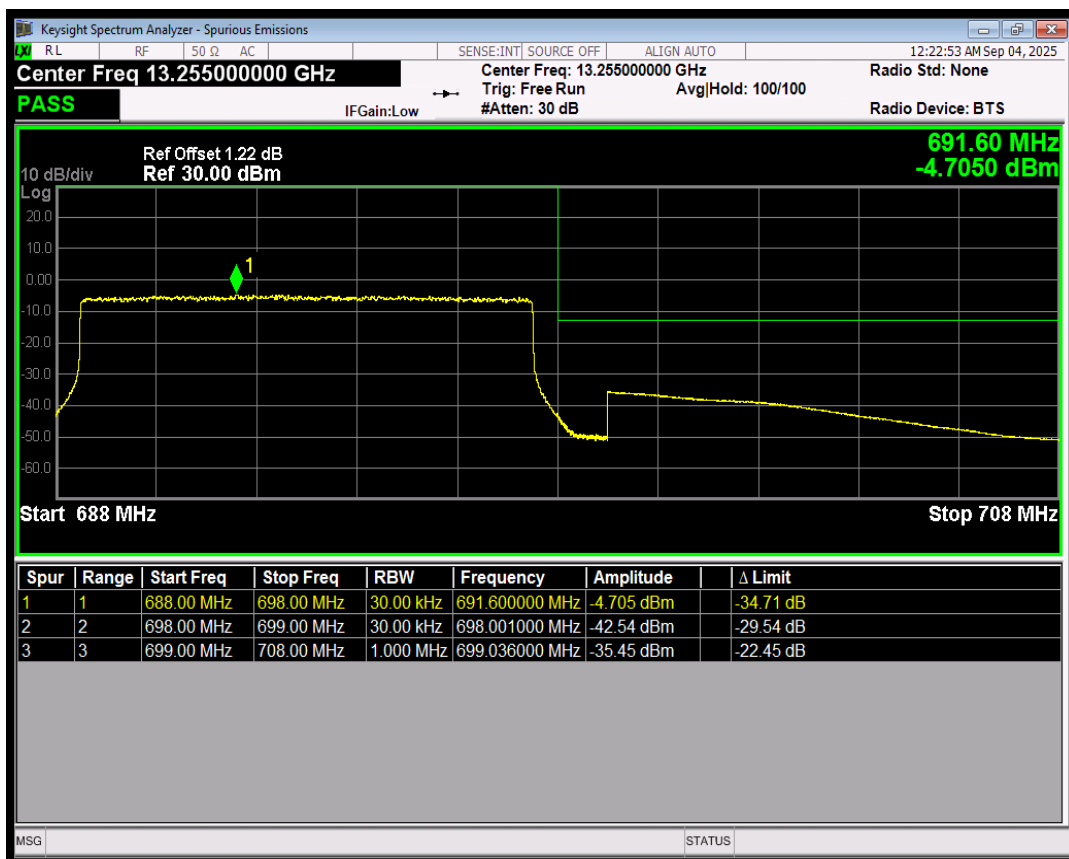
Band71 QPSK BW=10MHz HighChannel=133422 RB Size=50 Position=#0



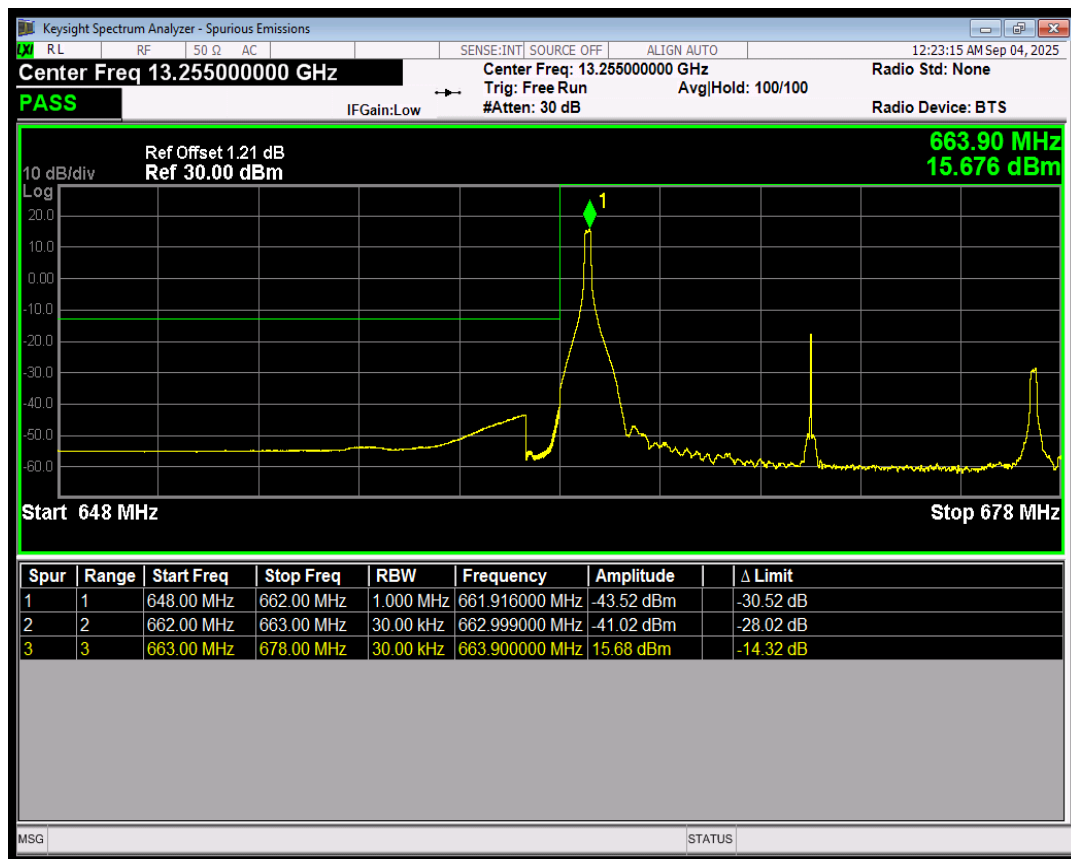
Band71 16QAM BW=10MHz HighChannel=133422 RB Size=1 Position=#Max



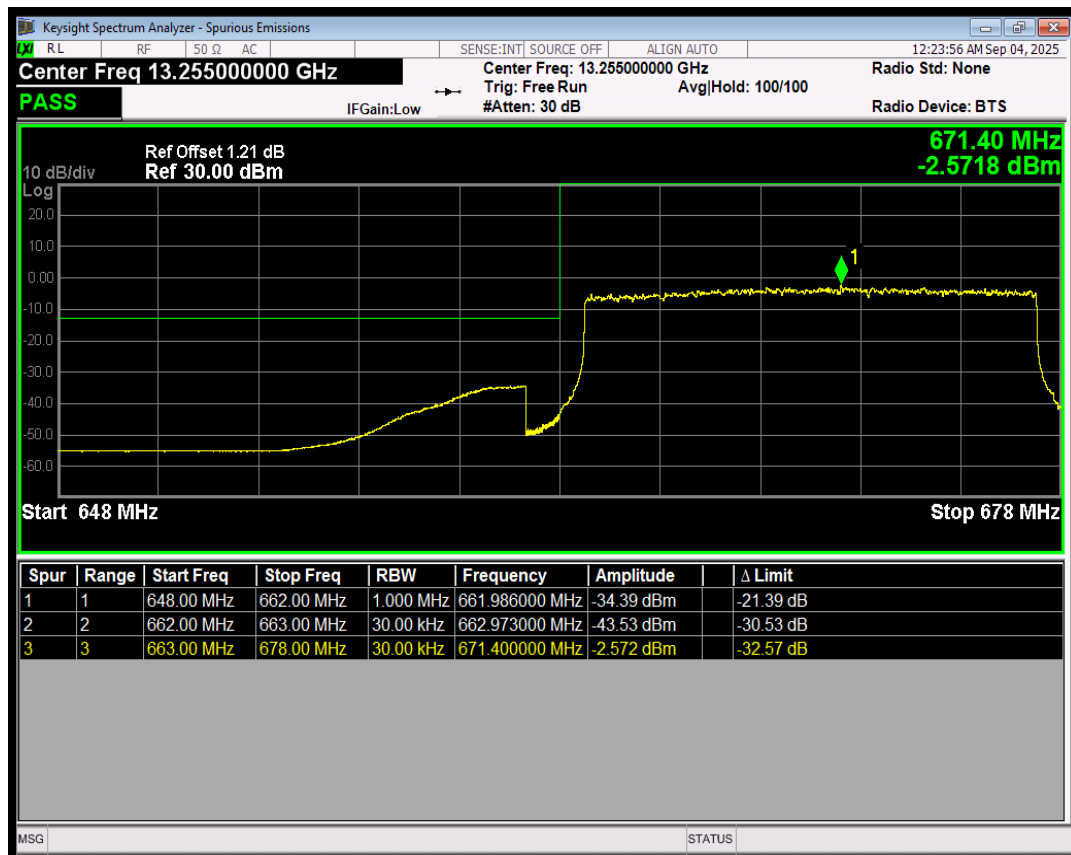
Band71 16QAM BW=10MHz HighChannel=133422 RB Size=50 Position=#0



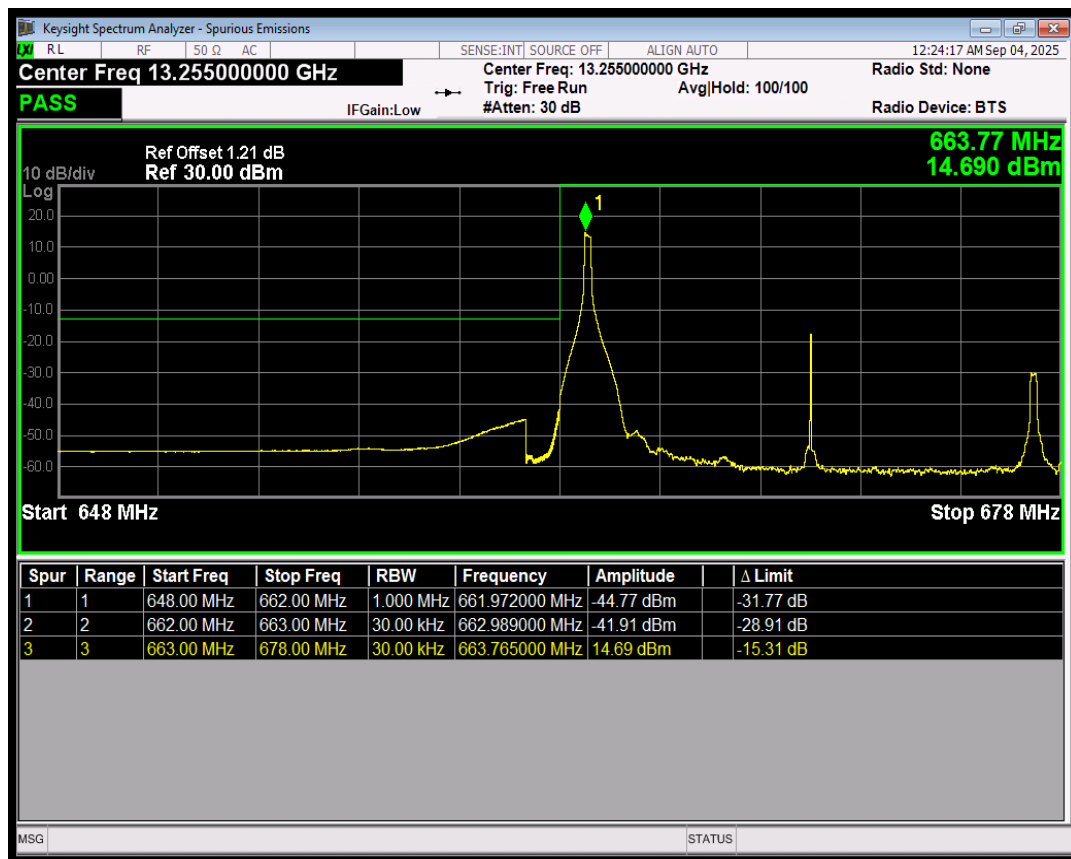
Band71 QPSK BW=15MHz LowChannel=133197 RB Size=1 Position=#0



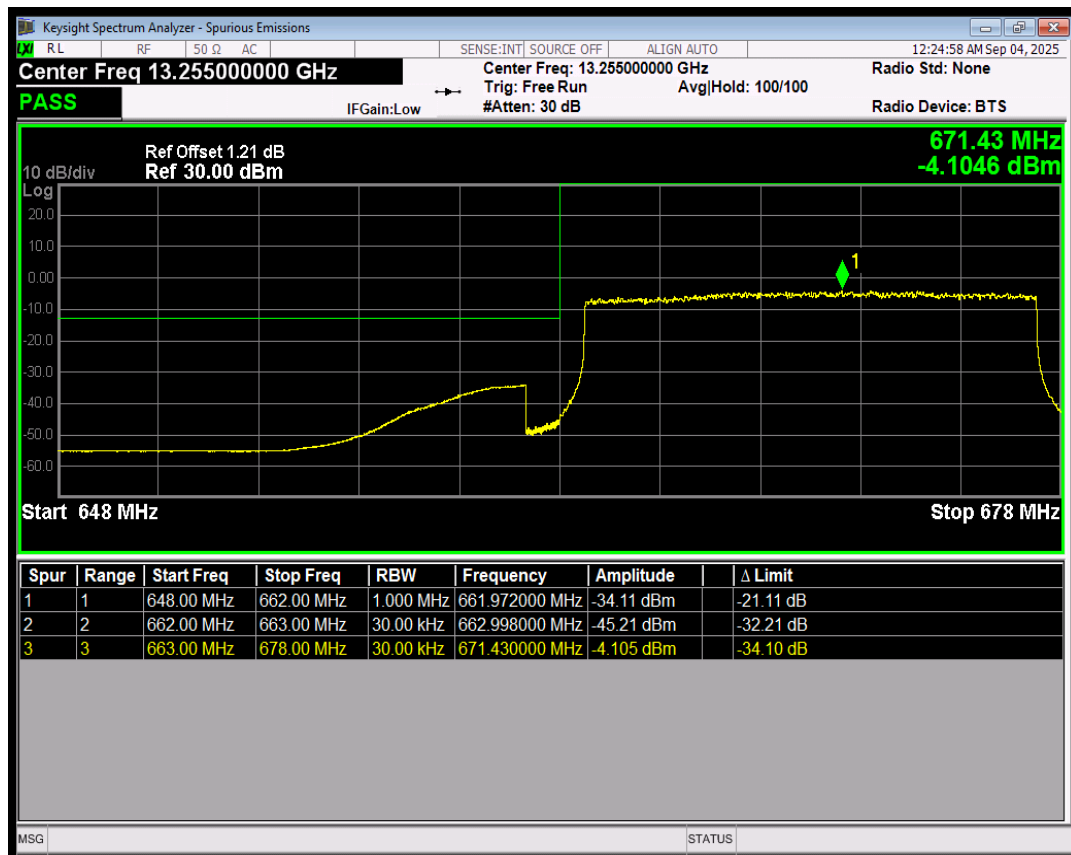
Band71 QPSK BW=15MHz LowChannel=133197 RB Size=75 Position=#0



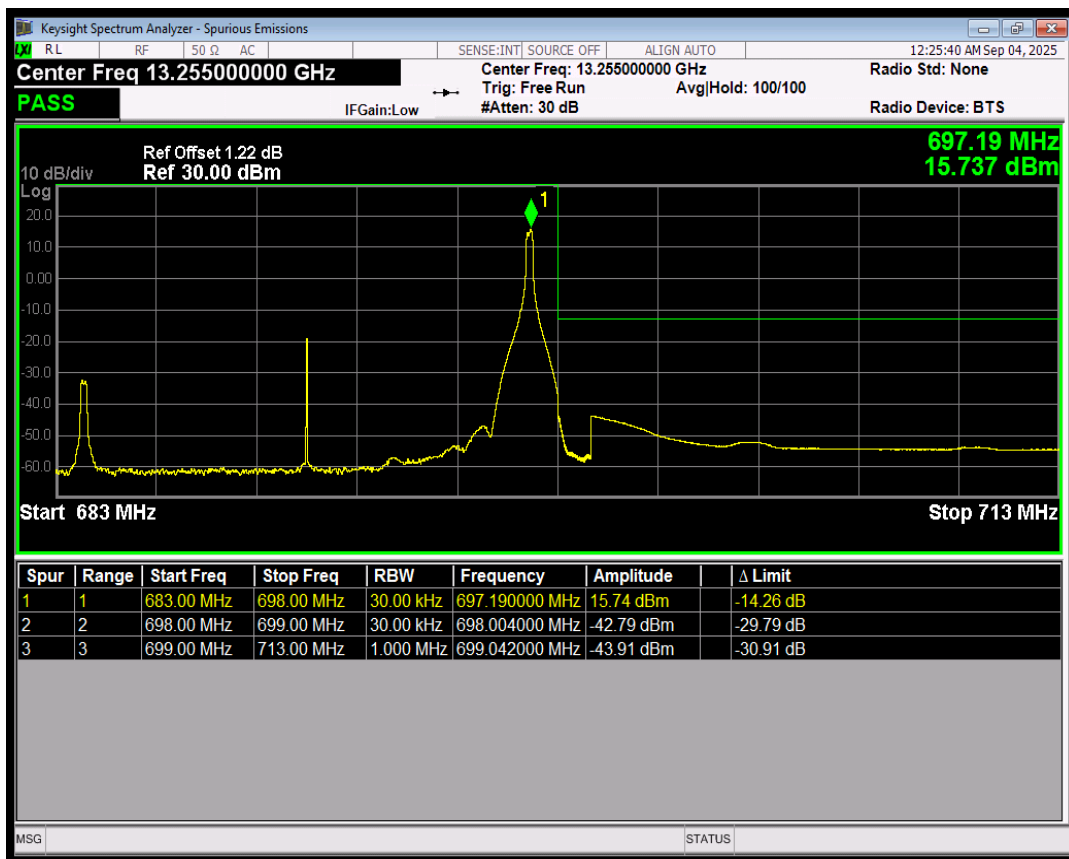
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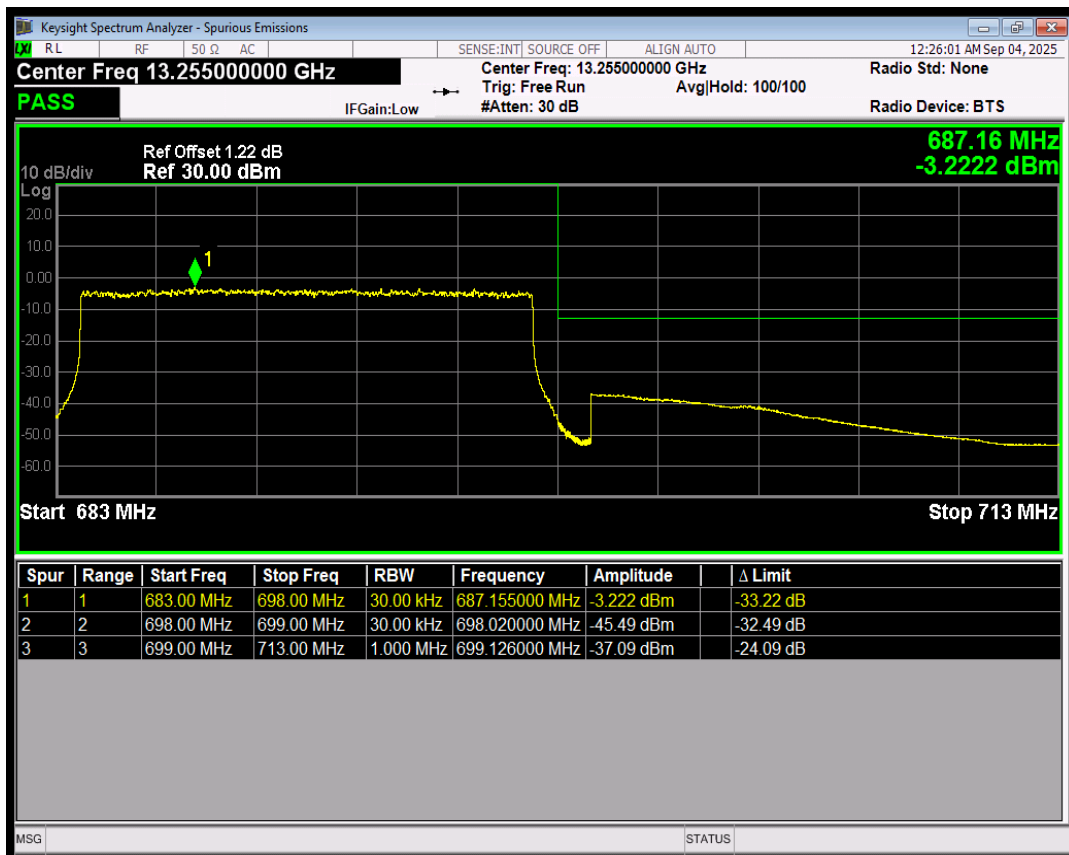
Band71 16QAM BW=15MHz LowChannel=133197 RB Size=75 Position=#0



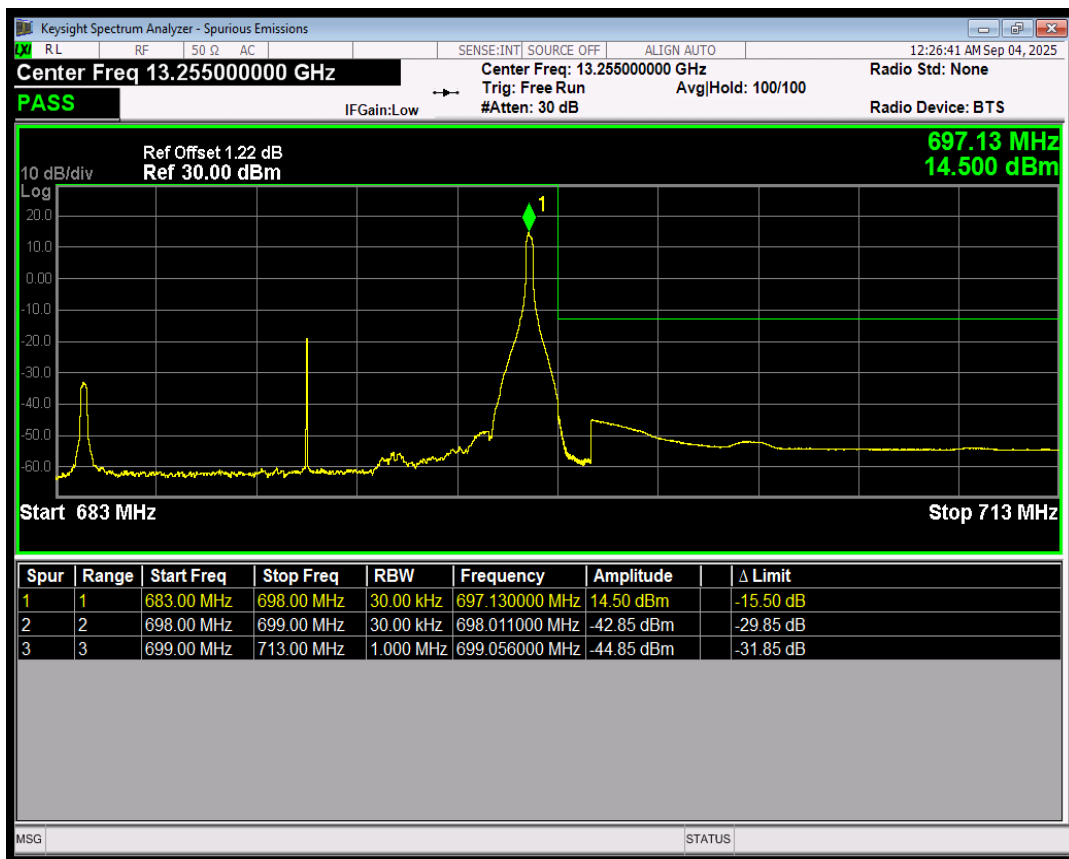
Band71 QPSK BW=15MHz HighChannel=133397 RB Size=1 Position=#Max



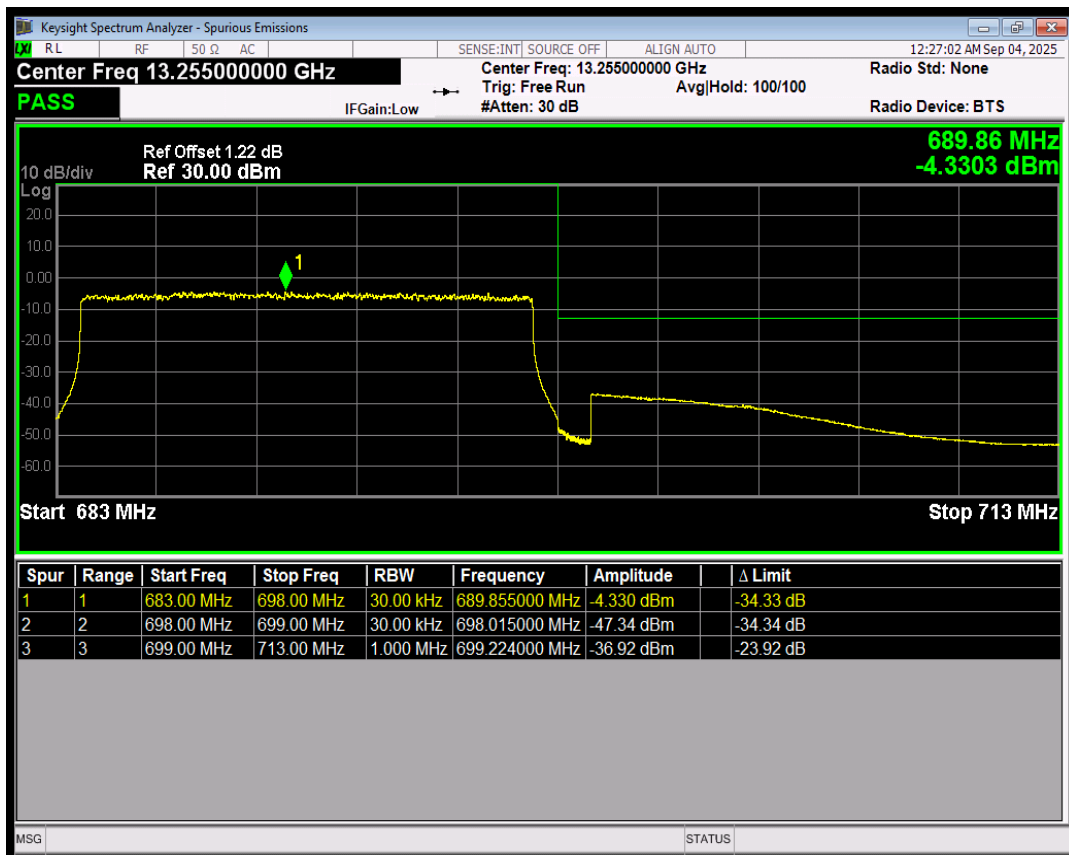
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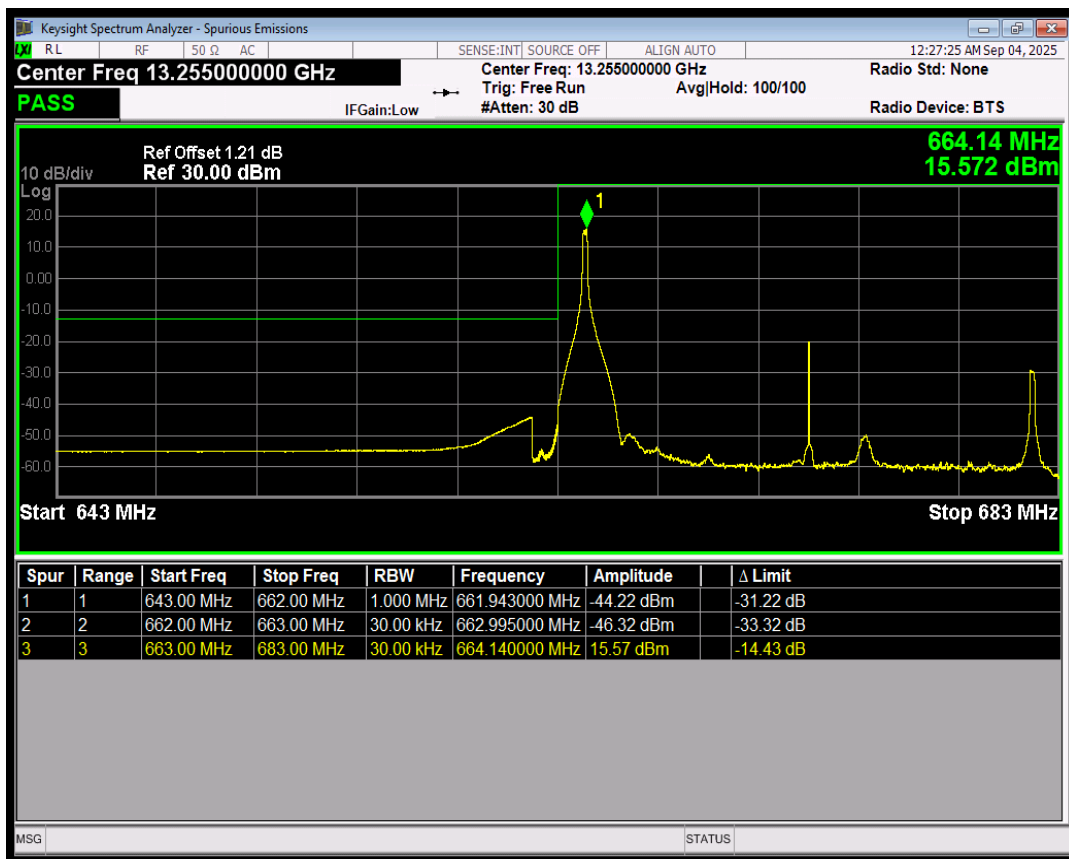
Band71 16QAM BW=15MHz HighChannel=133397 RB Size=1 Position=#Max



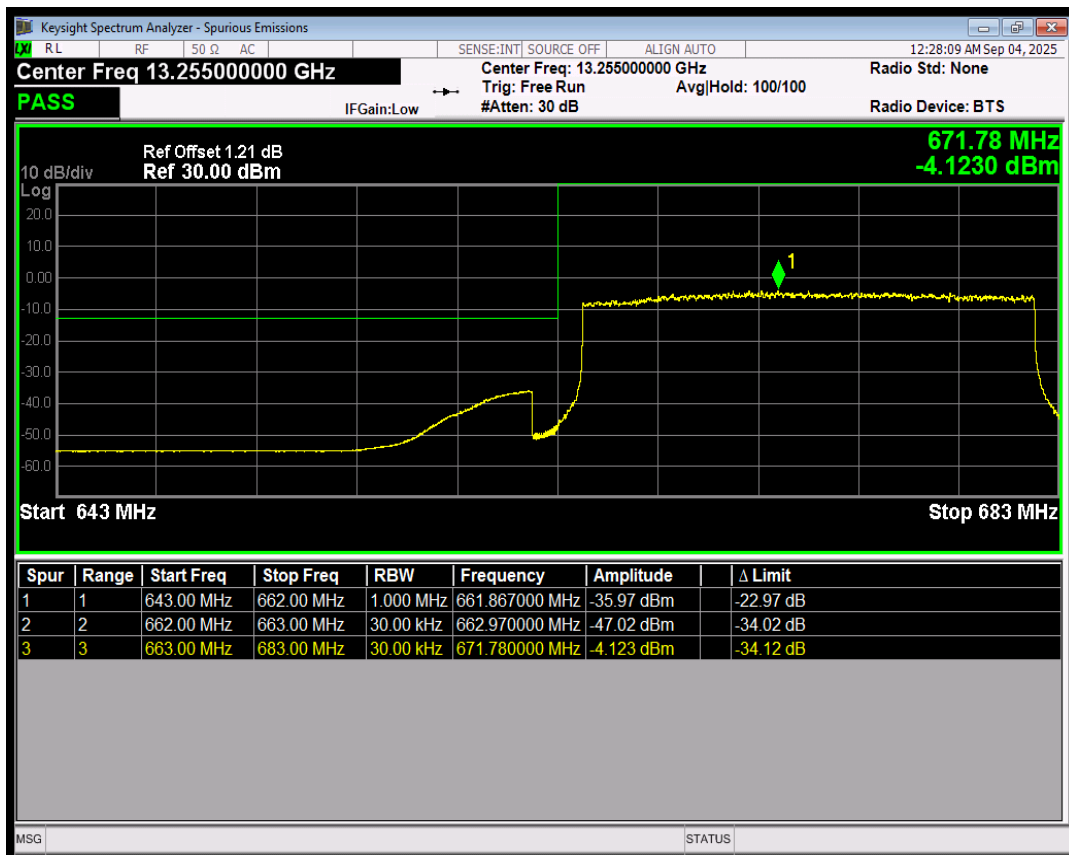
Band71 16QAM BW=15MHz HighChannel=133397 RB Size=75 Position=#0



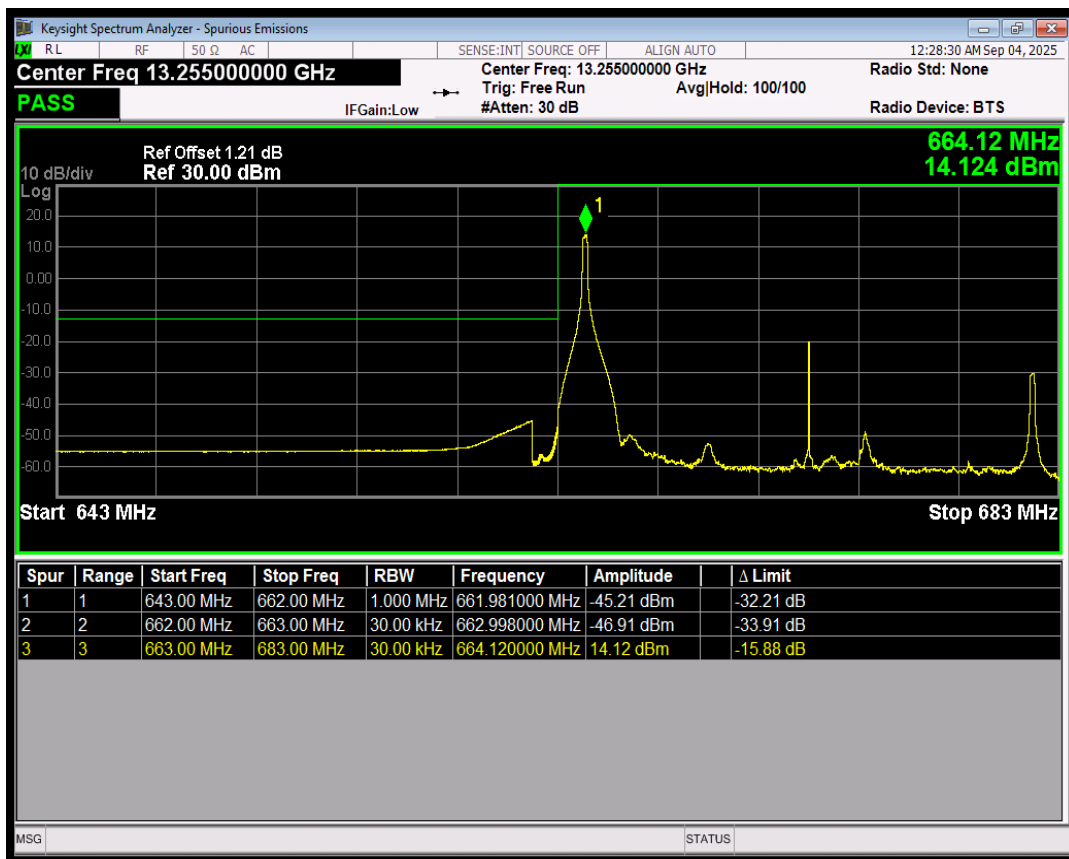
Band71 QPSK BW=20MHz LowChannel=133222 RB Size=1 Position=#0



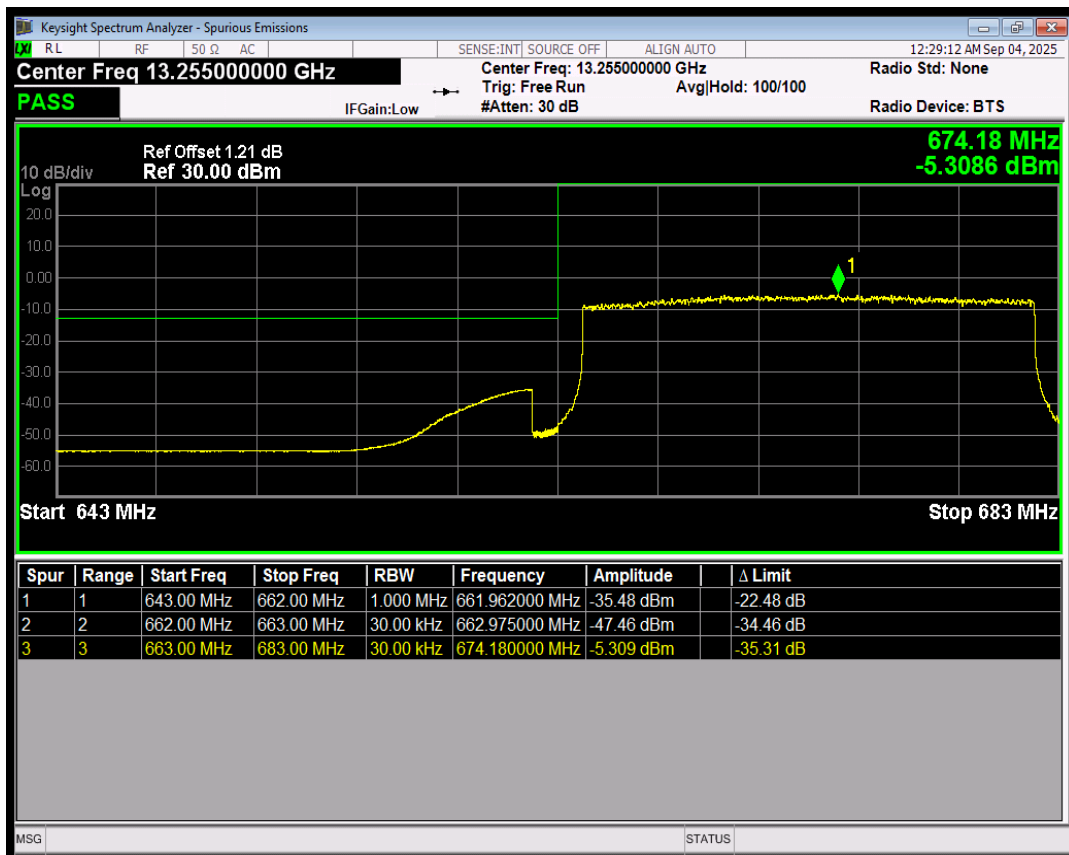
Band71 QPSK BW=20MHz LowChannel=133222 RB Size=100 Position=#0



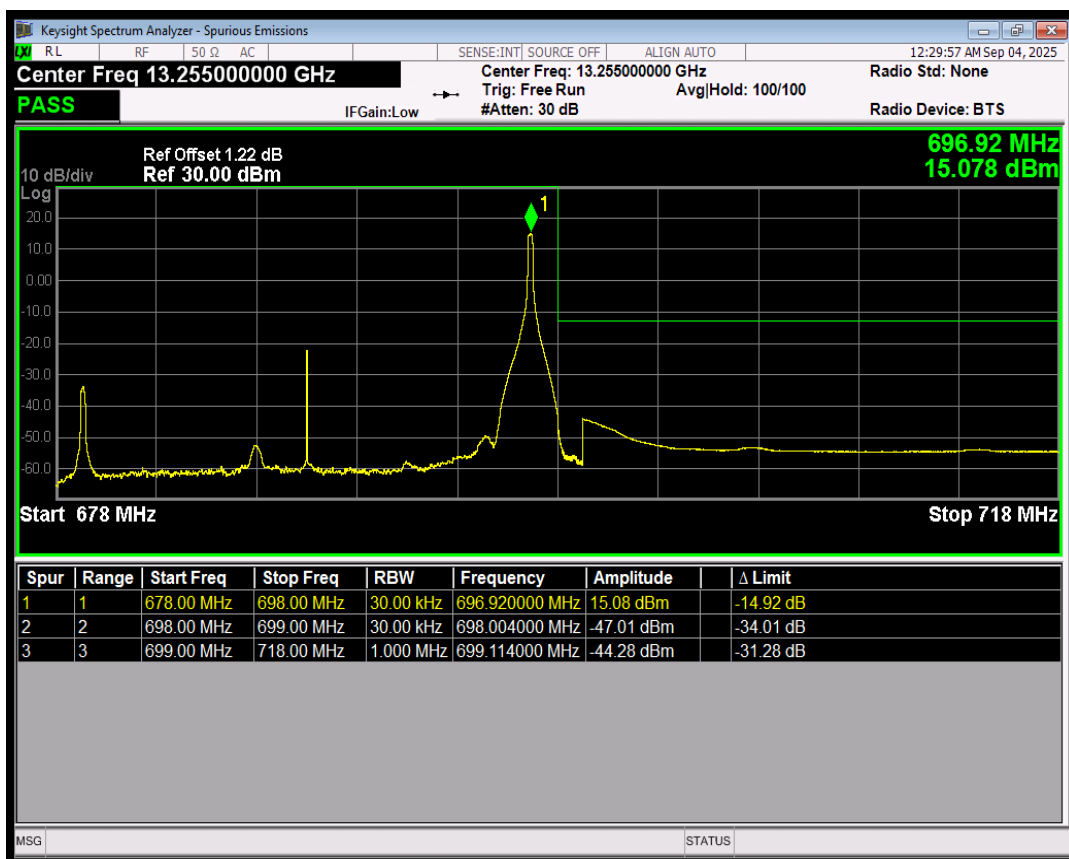
Band71 16QAM BW=20MHz LowChannel=133222 RB Size=1 Position=#0



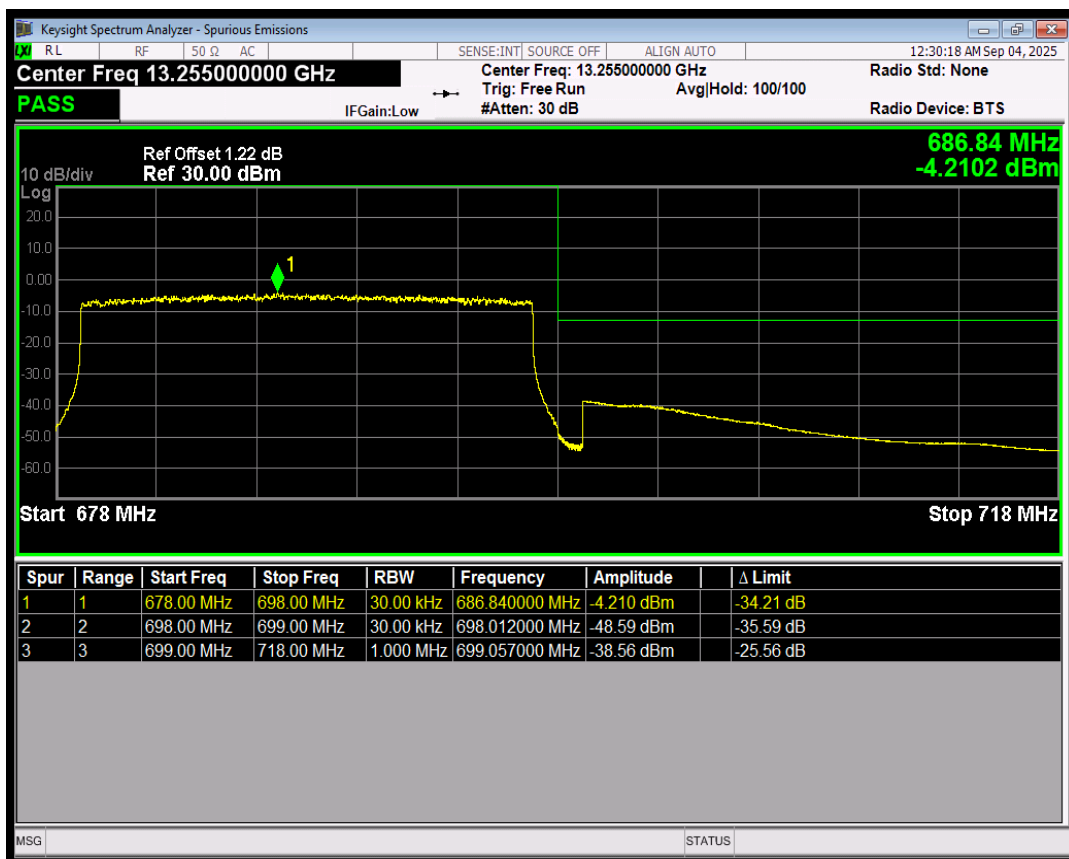
Band71 16QAM BW=20MHz LowChannel=133222 RB Size=100 Position=#0



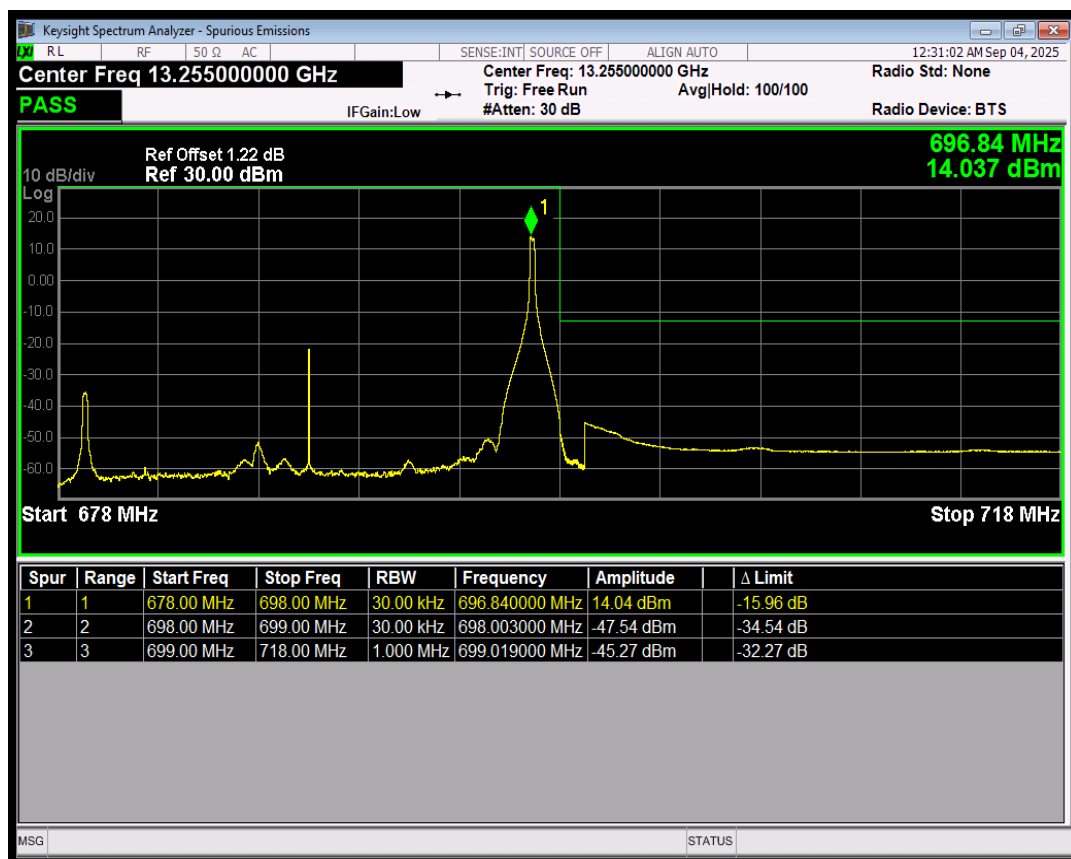
Band71 QPSK BW=20MHz HighChannel=133372 RB Size=1 Position=#Max



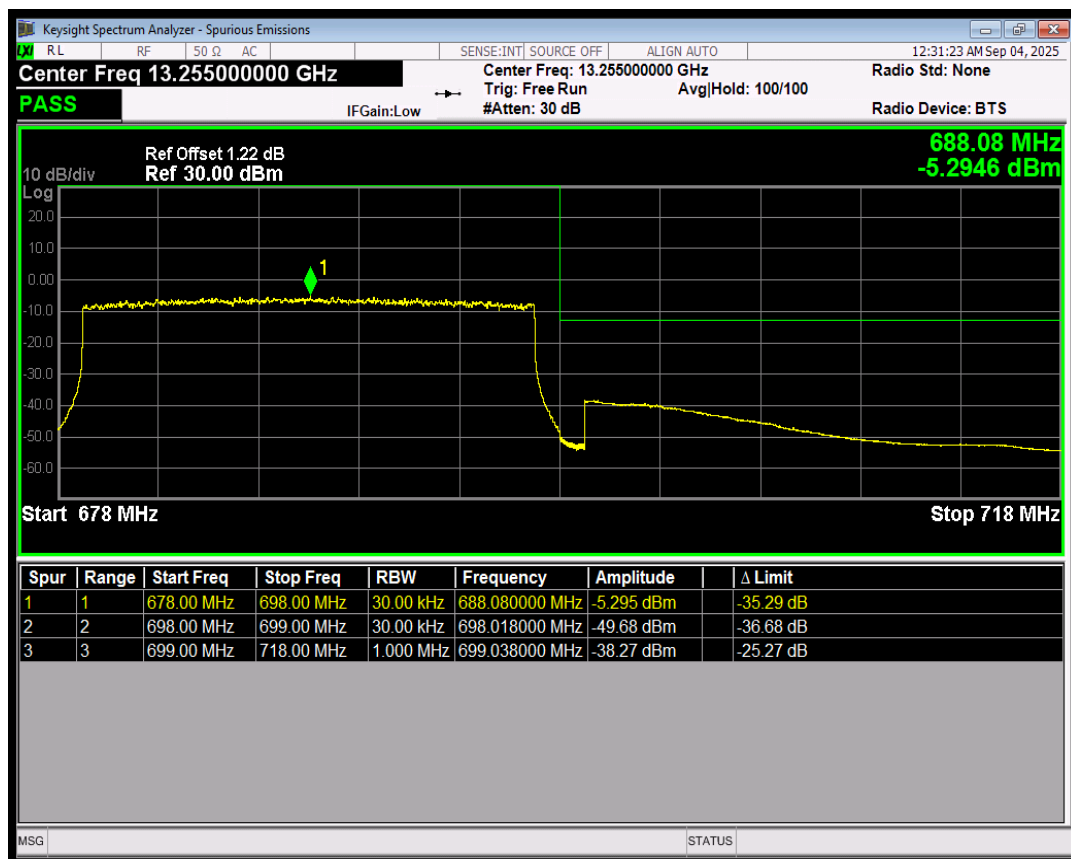
Band71 QPSK BW=20MHz HighChannel=133372 RB Size=100 Position=#0



Band71 16QAM BW=20MHz HighChannel=133372 RB Size=1 Position=#Max



Band71 16QAM BW=20MHz HighChannel=133372 RB Size=100 Position=#0



6.4 Peak-to-Average Power Ratio (PAPR)

WCDMA Band IV	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
RMC	1312	1712.4	26.51	23.46	3.05	≤13	PASS
	1413	1732.6	26.30	23.35	2.95	≤13	PASS
	1513	1752.6	26.19	23.37	2.82	≤13	PASS

LTE Band 4								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	19957	1710.7	27.15	22.30	4.85	≤13	PASS
		20175	1732.5	27.21	22.40	4.81	≤13	PASS
		20393	1754.3	27.12	22.64	4.48	≤13	PASS
	3	19965	1711.5	27.30	22.33	4.97	≤13	PASS
		20175	1732.5	27.37	22.44	4.93	≤13	PASS
		20385	1753.5	27.37	22.67	4.70	≤13	PASS
	5	19975	1712.5	27.31	22.31	5.00	≤13	PASS
		20175	1732.5	27.33	22.43	4.90	≤13	PASS
		20375	1752.5	27.29	22.65	4.64	≤13	PASS
	10	20000	1715	27.34	22.39	4.95	≤13	PASS
		20175	1732.5	27.28	22.45	4.83	≤13	PASS
		20350	1750	27.31	22.69	4.62	≤13	PASS
	15	20025	1717.5	27.40	22.37	5.03	≤13	PASS
		20175	1732.5	27.27	22.41	4.86	≤13	PASS
		20325	1747.5	27.20	22.64	4.56	≤13	PASS
	20	20050	1720	27.26	22.34	4.92	≤13	PASS
		20175	1732.5	27.14	22.36	4.78	≤13	PASS
		20300	1745	27.23	22.60	4.63	≤13	PASS
16QAM	1.4	19957	1710.7	27.03	21.34	5.69	≤13	PASS
		20175	1732.5	27.07	21.48	5.59	≤13	PASS
		20393	1754.3	26.99	21.68	5.31	≤13	PASS
	3	19965	1711.5	27.15	21.37	5.78	≤13	PASS
		20175	1732.5	27.21	21.52	5.69	≤13	PASS
		20385	1753.5	27.21	21.71	5.50	≤13	PASS
	5	19975	1712.5	27.11	21.35	5.76	≤13	PASS
		20175	1732.5	27.16	21.48	5.68	≤13	PASS
		20375	1752.5	27.05	21.66	5.39	≤13	PASS
	10	20000	1715	27.14	21.38	5.76	≤13	PASS
		20175	1732.5	27.18	21.53	5.65	≤13	PASS

	15	20350	1750	27.14	21.70	5.44	≤13	PASS
		20025	1717.5	27.12	21.35	5.77	≤13	PASS
		20175	1732.5	27.08	21.48	5.60	≤13	PASS
		20325	1747.5	26.95	21.66	5.29	≤13	PASS
	20	20050	1720	27.04	21.33	5.71	≤13	PASS
		20175	1732.5	27.03	21.44	5.59	≤13	PASS
		20300	1745	27.03	21.63	5.40	≤13	PASS

LTE Band 12								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	23017	699.7	27.71	22.61	5.10	≤13	PASS
		23095	707.5	27.72	22.57	5.15	≤13	PASS
		23173	715.3	27.70	22.65	5.05	≤13	PASS
	3	23025	700.5	27.83	22.64	5.19	≤13	PASS
		23095	707.5	27.82	22.61	5.21	≤13	PASS
		23165	714.5	27.87	22.68	5.19	≤13	PASS
	5	23035	701.5	27.87	22.68	5.19	≤13	PASS
		23095	707.5	27.75	22.58	5.17	≤13	PASS
		23155	713.5	27.86	22.65	5.21	≤13	PASS
	10	23060	704	27.83	22.65	5.18	≤13	PASS
		23095	707.5	27.60	22.53	5.07	≤13	PASS
		23130	711	27.76	22.61	5.15	≤13	PASS
16QAM	1.4	23017	699.7	27.73	21.71	6.02	≤13	PASS
		23095	707.5	27.57	21.63	5.94	≤13	PASS
		23173	715.3	27.73	21.84	5.89	≤13	PASS
	3	23025	700.5	27.78	21.74	6.04	≤13	PASS
		23095	707.5	27.71	21.67	6.04	≤13	PASS
		23165	714.5	27.89	21.87	6.02	≤13	PASS
	5	23035	701.5	27.70	21.72	5.98	≤13	PASS
		23095	707.5	27.59	21.63	5.96	≤13	PASS
		23155	713.5	27.81	21.82	5.99	≤13	PASS
	10	23060	704	27.68	21.70	5.98	≤13	PASS
		23095	707.5	27.50	21.59	5.91	≤13	PASS
		23130	711	27.76	21.79	5.97	≤13	PASS

LTE Band 13								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	5	23205	779.5	27.81	22.81	5.00	≤13	PASS

16QAM		23230	782	27.79	22.74	5.05	≤13	PASS
		23255	784.5	27.89	22.80	5.09	≤13	PASS
	10	23230	782	27.75	22.74	5.01	≤13	PASS
	5	23205	779.5	27.57	21.74	5.83	≤13	PASS
		23230	782	27.81	21.96	5.85	≤13	PASS
		23255	784.5	27.47	21.62	5.85	≤13	PASS
	10	23230	782	27.65	21.82	5.83	≤13	PASS

LTE Band 66								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
QPSK	1.4	131979	1710.7	27.40	22.51	4.89	≤13	PASS
		132322	1745	27.22	22.73	4.49	≤13	PASS
		132665	1779.3	27.31	22.34	4.97	≤13	PASS
	3	131987	1711.5	27.51	22.54	4.97	≤13	PASS
		132322	1745	27.47	22.77	4.70	≤13	PASS
		132657	1778.5	27.48	22.37	5.11	≤13	PASS
	5	131997	1712.5	27.52	22.52	5.00	≤13	PASS
		132322	1745	27.40	22.76	4.64	≤13	PASS
		132647	1777.5	27.38	22.35	5.03	≤13	PASS
	10	132022	1715	27.54	22.60	4.94	≤13	PASS
		132322	1745	27.34	22.78	4.56	≤13	PASS
		132622	1775	27.37	22.39	4.98	≤13	PASS
	15	132047	1717.5	27.57	22.58	4.99	≤13	PASS
		132322	1745	27.25	22.74	4.51	≤13	PASS
		132597	1772.5	27.36	22.34	5.02	≤13	PASS
	20	132072	1720	27.46	22.55	4.91	≤13	PASS
		132322	1745	27.25	22.69	4.56	≤13	PASS
		132572	1770	27.21	22.30	4.91	≤13	PASS
16QAM	1.4	131979	1710.7	27.34	21.65	5.69	≤13	PASS
		132322	1745	27.08	21.84	5.24	≤13	PASS
		132665	1779.3	27.26	21.45	5.81	≤13	PASS
	3	131987	1711.5	27.44	21.68	5.76	≤13	PASS
		132322	1745	27.35	21.88	5.47	≤13	PASS
		132657	1778.5	27.37	21.48	5.89	≤13	PASS
	5	131997	1712.5	27.41	21.66	5.75	≤13	PASS
		132322	1745	27.20	21.84	5.36	≤13	PASS
		132647	1777.5	27.23	21.43	5.80	≤13	PASS
	10	132022	1715	27.48	21.69	5.79	≤13	PASS
		132322	1745	27.25	21.89	5.36	≤13	PASS

		132622	1775	27.28	21.47	5.81	≤13	PASS
	15	132047	1717.5	27.39	21.66	5.73	≤13	PASS
		132322	1745	27.08	21.84	5.24	≤13	PASS
		132597	1772.5	27.17	21.43	5.74	≤13	PASS
	20	132072	1720	27.33	21.64	5.69	≤13	PASS
		132322	1745	27.16	21.80	5.36	≤13	PASS
		132572	1770	27.10	21.40	5.70	≤13	PASS

LTE Band 71								
Modulation	Bandwidth (MHz)	Channel	Frequency (MHz)	Peak (dBm)	Avg (dBm)	PAPR (dB)	Limit (dB)	Conclusion
	5	133147	665.5	27.25	22.17	5.08	≤13	PASS
		133297	680.5	27.48	22.40	5.08	≤13	PASS
		133447	695.5	27.35	22.20	5.15	≤13	PASS
	10	133172	668	27.33	22.25	5.08	≤13	PASS
		133297	680.5	27.47	22.42	5.05	≤13	PASS
		133422	693	27.31	22.24	5.07	≤13	PASS
	15	133197	670.5	27.45	22.23	5.22	≤13	PASS
		133297	680.5	27.28	22.11	5.17	≤13	PASS
		133397	690.5	27.40	22.19	5.21	≤13	PASS
	20	133222	673	27.24	22.20	5.04	≤13	PASS
		133322	683	27.36	22.33	5.03	≤13	PASS
		133372	688	27.23	22.15	5.08	≤13	PASS
	5	133147	665.5	27.14	21.32	5.82	≤13	PASS
		133297	680.5	27.36	21.50	5.86	≤13	PASS
		133447	695.5	27.22	21.31	5.91	≤13	PASS
	10	133172	668	27.22	21.35	5.87	≤13	PASS
		133297	680.5	27.37	21.55	5.82	≤13	PASS
		133422	693	27.24	21.35	5.89	≤13	PASS
	15	133197	670.5	27.25	21.32	5.93	≤13	PASS
		133297	680.5	26.98	21.11	5.87	≤13	PASS
		133397	690.5	27.25	21.31	5.94	≤13	PASS
	20	133222	673	27.16	21.30	5.86	≤13	PASS
		133322	683	27.29	21.46	5.83	≤13	PASS
		133372	688	27.16	21.28	5.88	≤13	PASS

6.5 Frequency Stability

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°C)	NV	1710.318	1714.482	1710-1755	PASS
	Extreme (40°C)		1710.322	1714.478	1710-1755	PASS
	Extreme (30°C)		1710.328	1714.472	1710-1755	PASS
	Extreme (20°C)		1710.326	1714.474	1710-1755	PASS
	Extreme (10°C)		1710.329	1714.471	1710-1755	PASS
	Extreme (0°C)		1710.317	1714.483	1710-1755	PASS
	Extreme (-10°C)		1710.315	1714.485	1710-1755	PASS
	Extreme (-20°C)		1710.327	1714.473	1710-1755	PASS
	Extreme (-30°C)		1710.323	1714.477	1710-1755	PASS
	25°C	LV	1710.324	1714.476	1710-1755	PASS
		HV	1710.317	1714.483	1710-1755	PASS
WCDMA B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1752.6	BANDWIDTH	5MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1750.526	1754.674	1710-1755	PASS
	Extreme (40°C)		1750.521	1754.679	1710-1755	PASS
	Extreme (30°C)		1750.518	1754.682	1710-1755	PASS
	Extreme (20°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (10°C)		1750.528	1754.672	1710-1755	PASS
	Extreme (0°C)		1750.523	1754.677	1710-1755	PASS
	Extreme (-10°C)		1750.519	1754.681	1710-1755	PASS
	Extreme (-20°C)		1750.520	1754.680	1710-1755	PASS
	Extreme (-30°C)		1750.526	1754.674	1710-1755	PASS
	25°C	LV	1750.528	1754.672	1710-1755	PASS
		HV	1750.523	1754.677	1710-1755	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz	QPSK	QPSK	1710-1755	PASS
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.145	1711.255	1710-1755	PASS
	Extreme (40°C)		1710.147	1711.253	1710-1755	PASS

	Extreme (30°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (20°C)		1710.149	1711.251	1710-1755	PASS
	Extreme (10°C)		1710.145	1711.255	1710-1755	PASS
	Extreme (0°C)		1710.148	1711.252	1710-1755	PASS
	Extreme (-10°C)		1710.146	1711.254	1710-1755	PASS
	Extreme (-20°C)		1710.147	1711.253	1710-1755	PASS
	Extreme (-30°C)		1710.146	1711.254	1710-1755	PASS
	25°C	LV	1710.147	1711.253	1710-1755	PASS
		HV	1710.148	1711.252	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°C)	NV	1710.146	1712.854	1710-1755	PASS
	Extreme (40°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (30°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (20°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (10°C)		1710.147	1712.853	1710-1755	PASS
	Extreme (0°C)		1710.149	1712.851	1710-1755	PASS
	Extreme (-10°C)		1710.146	1712.854	1710-1755	PASS
	Extreme (-20°C)		1710.148	1712.852	1710-1755	PASS
	Extreme (-30°C)		1710.149	1712.851	1710-1755	PASS
	25°C	LV	1710.149	1712.851	1710-1755	PASS
		HV	1710.149	1712.851	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.235	1714.765	1710-1755	PASS
	Extreme (40°C)		1710.239	1714.761	1710-1755	PASS
	Extreme (30°C)		1710.299	1714.701	1710-1755	PASS
	Extreme (20°C)		1710.280	1714.720	1710-1755	PASS
	Extreme (10°C)		1710.276	1714.724	1710-1755	PASS
	Extreme (0°C)		1710.245	1714.755	1710-1755	PASS
	Extreme (-10°C)		1710.266	1714.734	1710-1755	PASS
	Extreme (-20°C)		1710.249	1714.751	1710-1755	PASS
	Extreme (-30°C)		1710.291	1714.709	1710-1755	PASS
	25°C	LV	1710.202	1714.798	1710-1755	PASS
		HV	1710.284	1714.716	1710-1755	PASS

LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.529	1719.471	1710-1755	PASS
	Extreme (40°C)		1710.594	1719.406	1710-1755	PASS
	Extreme (30°C)		1710.624	1719.376	1710-1755	PASS
	Extreme (20°C)		1710.542	1719.458	1710-1755	PASS
	Extreme (10°C)		1710.625	1719.375	1710-1755	PASS
	Extreme (0°C)		1710.583	1719.417	1710-1755	PASS
	Extreme (-10°C)		1710.600	1719.400	1710-1755	PASS
	Extreme (-20°C)		1710.529	1719.471	1710-1755	PASS
	Extreme (-30°C)		1710.509	1719.491	1710-1755	PASS
	25°C	LV	1710.599	1719.401	1710-1755	PASS
		HV	1710.526	1719.474	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1710.740	1724.260	1710-1755	PASS
	Extreme (40°C)		1710.778	1724.222	1710-1755	PASS
	Extreme (30°C)		1710.783	1724.217	1710-1755	PASS
	Extreme (20°C)		1710.769	1724.231	1710-1755	PASS
	Extreme (10°C)		1710.734	1724.266	1710-1755	PASS
	Extreme (0°C)		1710.799	1724.201	1710-1755	PASS
	Extreme (-10°C)		1710.772	1724.228	1710-1755	PASS
	Extreme (-20°C)		1710.762	1724.238	1710-1755	PASS
	Extreme (-30°C)		1710.753	1724.247	1710-1755	PASS
	25°C	LV	1710.731	1724.269	1710-1755	PASS
		HV	1710.714	1724.286	1710-1755	PASS
LTE B4 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz	QPSK	QPSK	QPSK	QPSK
	Temperature	Voltage				
	Extreme (50°C)	NV	1711.026	1728.974	1710-1755	PASS
	Extreme (40°C)		1711.038	1728.962	1710-1755	PASS
	Extreme (30°C)		1711.045	1728.955	1710-1755	PASS
	Extreme (20°C)		1711.032	1728.968	1710-1755	PASS
	Extreme (10°C)		1711.043	1728.957	1710-1755	PASS

	Extreme (0℃)		1711.010	1728.990	1710-1755	PASS
	Extreme (-10℃)		1711.036	1728.964	1710-1755	PASS
	Extreme (-20℃)		1711.026	1728.974	1710-1755	PASS
	Extreme (-30℃)		1711.021	1728.979	1710-1755	PASS
	25℃	LV	1711.045	1728.955	1710-1755	PASS
		HV	1711.025	1728.975	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	1753.749	1754.851	1710-1755	PASS
	Extreme (40℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (30℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (20℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (10℃)		1753.747	1754.853	1710-1755	PASS
	Extreme (0℃)		1753.745	1754.855	1710-1755	PASS
	Extreme (-10℃)		1753.746	1754.854	1710-1755	PASS
	Extreme (-20℃)		1753.750	1754.850	1710-1755	PASS
	Extreme (-30℃)		1753.747	1754.853	1710-1755	PASS
	25℃	LV	1753.749	1754.851	1710-1755	PASS
		HV	1753.748	1754.852	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	1752.149	1754.851	1710-1755	PASS
	Extreme (40℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (30℃)		1752.149	1754.851	1710-1755	PASS
	Extreme (20℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (10℃)		1752.150	1754.850	1710-1755	PASS
	Extreme (0℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (-10℃)		1752.147	1754.853	1710-1755	PASS
	Extreme (-20℃)		1752.146	1754.854	1710-1755	PASS
	Extreme (-30℃)		1752.147	1754.853	1710-1755	PASS
	25℃	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	1750.290	1754.710	1710-1755	PASS
	Extreme（40℃）			1750.204	1754.796	1710-1755	PASS
	Extreme（30℃）			1750.241	1754.759	1710-1755	PASS
	Extreme（20℃）			1750.219	1754.781	1710-1755	PASS
	Extreme（10℃）			1750.253	1754.747	1710-1755	PASS
	Extreme（0℃）			1750.223	1754.777	1710-1755	PASS
	Extreme（-10℃）			1750.246	1754.754	1710-1755	PASS
	Extreme（-20℃）			1750.280	1754.720	1710-1755	PASS
	Extreme（-30℃）			1750.216	1754.784	1710-1755	PASS
	25℃		LV	1750.242	1754.758	1710-1755	PASS
HV			1750.239	1754.761	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	1745.535	1754.465	1710-1755	PASS
	Extreme（40℃）			1745.636	1754.364	1710-1755	PASS
	Extreme（30℃）			1745.561	1754.439	1710-1755	PASS
	Extreme（20℃）			1745.553	1754.447	1710-1755	PASS
	Extreme（10℃）			1745.616	1754.384	1710-1755	PASS
	Extreme（0℃）			1745.586	1754.414	1710-1755	PASS
	Extreme（-10℃）			1745.596	1754.404	1710-1755	PASS
	Extreme（-20℃）			1745.601	1754.399	1710-1755	PASS
	Extreme（-30℃）			1745.521	1754.479	1710-1755	PASS
	25℃		LV	1745.503	1754.497	1710-1755	PASS
HV			1745.640	1754.360	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	1740.732	1754.268	1710-1755	PASS
	Extreme（40℃）			1740.753	1754.247	1710-1755	PASS
	Extreme（30℃）			1740.772	1754.228	1710-1755	PASS
	Extreme（20℃）			1740.741	1754.259	1710-1755	PASS
	Extreme（10℃）			1740.718	1754.282	1710-1755	PASS
	Extreme（0℃）			1740.722	1754.278	1710-1755	PASS
	Extreme（-10℃）			1740.709	1754.291	1710-1755	PASS

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	Extreme (-20℃)		1740.748	1754.252	1710-1755	PASS
	Extreme (-30℃)		1740.769	1754.231	1710-1755	PASS
	25℃	LV	1740.755	1754.245	1710-1755	PASS
		HV	1740.702	1754.298	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	1735.983	1754.017	1710-1755	PASS
	Extreme (40℃)		1735.974	1754.026	1710-1755	PASS
	Extreme (30℃)		1735.913	1754.087	1710-1755	PASS
	Extreme (20℃)		1735.959	1754.041	1710-1755	PASS
	Extreme (10℃)		1735.932	1754.068	1710-1755	PASS
	Extreme (0℃)		1735.983	1754.017	1710-1755	PASS
	Extreme (-10℃)		1735.926	1754.074	1710-1755	PASS
	Extreme (-20℃)		1735.946	1754.054	1710-1755	PASS
	Extreme (-30℃)		1735.946	1754.054	1710-1755	PASS
	25℃	LV	1735.940	1754.060	1710-1755	PASS
		HV	1735.908	1754.092	1710-1755	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
699.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.145	700.255	699-716	PASS
	Extreme (40℃)		699.147	700.253	699-716	PASS
	Extreme (30℃)		699.146	700.254	699-716	PASS
	Extreme (20℃)		699.147	700.253	699-716	PASS
	Extreme (10℃)		699.145	700.255	699-716	PASS
	Extreme (0℃)		699.148	700.252	699-716	PASS
	Extreme (-10℃)		699.149	700.251	699-716	PASS
	Extreme (-20℃)		699.148	700.252	699-716	PASS
	Extreme (-30℃)		699.146	700.254	699-716	PASS
	25℃	LV	699.149	700.251	699-716	PASS
		HV	699.147	700.253	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
700.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			

	Extreme (50℃)	NV	699.148	701.852	699-716	PASS
	Extreme (40℃)		699.146	701.854	699-716	PASS
	Extreme (30℃)		699.149	701.851	699-716	PASS
	Extreme (20℃)		699.148	701.852	699-716	PASS
	Extreme (10℃)		699.147	701.853	699-716	PASS
	Extreme (0℃)		699.150	701.850	699-716	PASS
	Extreme (-10℃)		699.148	701.852	699-716	PASS
	Extreme (-20℃)		699.146	701.854	699-716	PASS
	Extreme (-30℃)		699.150	701.850	699-716	PASS
	25℃	LV	699.146	701.854	699-716	PASS
		HV	699.147	701.853	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
701.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.240	703.760	699-716	PASS
	Extreme (40℃)		699.259	703.741	699-716	PASS
	Extreme (30℃)		699.214	703.786	699-716	PASS
	Extreme (20℃)		699.269	703.731	699-716	PASS
	Extreme (10℃)		699.236	703.764	699-716	PASS
	Extreme (0℃)		699.275	703.725	699-716	PASS
	Extreme (-10℃)		699.251	703.749	699-716	PASS
	Extreme (-20℃)		699.282	703.718	699-716	PASS
	Extreme (-30℃)		699.252	703.748	699-716	PASS
25℃	LV	699.258	703.742	699-716	PASS	
	HV	699.296	703.704	699-716	PASS	
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
704	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	699.520	708.480	699-716	PASS
	Extreme (40℃)		699.513	708.487	699-716	PASS
	Extreme (30℃)		699.570	708.430	699-716	PASS
	Extreme (20℃)		699.581	708.419	699-716	PASS
	Extreme (10℃)		699.596	708.404	699-716	PASS
	Extreme (0℃)		699.523	708.477	699-716	PASS
	Extreme (-10℃)		699.557	708.443	699-716	PASS
	Extreme (-20℃)		699.531	708.469	699-716	PASS
	Extreme (-30℃)		699.588	708.412	699-716	PASS
25℃	LV	699.578	708.422	699-716	PASS	

		HV	699.526	708.474	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
715.3	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	714.750	715.850	699-716	PASS
	Extreme (40℃)		714.748	715.852	699-716	PASS
	Extreme (30℃)		714.745	715.855	699-716	PASS
	Extreme (20℃)		714.747	715.853	699-716	PASS
	Extreme (10℃)		714.748	715.852	699-716	PASS
	Extreme (0℃)		714.749	715.851	699-716	PASS
	Extreme (-10℃)		714.747	715.853	699-716	PASS
	Extreme (-20℃)		714.749	715.851	699-716	PASS
	Extreme (-30℃)		714.750	715.850	699-716	PASS
	25℃	LV	714.748	715.852	699-716	PASS
		HV	714.746	715.854	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
714.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	713.148	715.852	699-716	PASS
	Extreme (40℃)		713.148	715.852	699-716	PASS
	Extreme (30℃)		713.145	715.855	699-716	PASS
	Extreme (20℃)		713.146	715.854	699-716	PASS
	Extreme (10℃)		713.147	715.853	699-716	PASS
	Extreme (0℃)		713.148	715.852	699-716	PASS
	Extreme (-10℃)		713.146	715.854	699-716	PASS
	Extreme (-20℃)		713.148	715.852	699-716	PASS
	Extreme (-30℃)		713.149	715.851	699-716	PASS
	25℃	LV	713.150	715.850	699-716	PASS
		HV	713.146	715.854	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
713.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	711.222	715.778	699-716	PASS
	Extreme (40℃)		711.213	715.787	699-716	PASS
	Extreme (30℃)		711.213	715.787	699-716	PASS

	Extreme (20℃)		711.221	715.779	699-716	PASS
	Extreme (10℃)		711.285	715.715	699-716	PASS
	Extreme (0℃)		711.296	715.704	699-716	PASS
	Extreme (-10℃)		711.251	715.749	699-716	PASS
	Extreme (-20℃)		711.298	715.702	699-716	PASS
	Extreme (-30℃)		711.264	715.736	699-716	PASS
	25℃	LV	711.208	715.792	699-716	PASS
		HV	711.260	715.740	699-716	PASS
LTE B12 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
711	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	706.524	715.476	699-716	PASS
	Extreme (40℃)		706.534	715.466	699-716	PASS
	Extreme (30℃)		706.560	715.440	699-716	PASS
	Extreme (20℃)		706.506	715.494	699-716	PASS
	Extreme (10℃)		706.593	715.407	699-716	PASS
	Extreme (0℃)		706.500	715.500	699-716	PASS
	Extreme (-10℃)		706.619	715.381	699-716	PASS
	Extreme (-20℃)		706.617	715.383	699-716	PASS
	Extreme (-30℃)	706.586	715.414	699-716	PASS	
	25℃	LV	706.583	715.417	699-716	PASS
	HV	706.649	715.351	699-716	PASS	
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
779.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	777.201	781.799	777-787	PASS
	Extreme (40℃)		777.276	781.724	777-787	PASS
	Extreme (30℃)		777.298	781.702	777-787	PASS
	Extreme (20℃)		777.292	781.708	777-787	PASS
	Extreme (10℃)		777.250	781.750	777-787	PASS
	Extreme (0℃)		777.284	781.716	777-787	PASS
	Extreme (-10℃)		777.224	781.776	777-787	PASS
	Extreme (-20℃)		777.213	781.787	777-787	PASS
	Extreme (-30℃)	777.235	781.765	777-787	PASS	
	25℃	LV	777.274	781.726	777-787	PASS
	HV	777.298	781.702	777-787	PASS	
LTE B13	Condition		F Low (MHz)	F High	Limit (MHz)	Verdict

Fc(MHz)			(MHz)			
782	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	777.630	786.370	777-787	PASS
	Extreme (40°C)		777.647	786.353	777-787	PASS
	Extreme (30°C)		777.564	786.436	777-787	PASS
	Extreme (20°C)		777.593	786.407	777-787	PASS
	Extreme (10°C)		777.535	786.465	777-787	PASS
	Extreme (0°C)		777.573	786.427	777-787	PASS
	Extreme (-10°C)		777.517	786.483	777-787	PASS
	Extreme (-20°C)		777.507	786.493	777-787	PASS
	Extreme (-30°C)		777.623	786.377	777-787	PASS
	25°C	LV	777.603	786.397	777-787	PASS
		HV	777.567	786.433	777-787	PASS
LTE B13 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
784.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	782.264	786.736	777-787	PASS
	Extreme (40°C)		782.220	786.780	777-787	PASS
	Extreme (30°C)		782.278	786.722	777-787	PASS
	Extreme (20°C)		782.211	786.789	777-787	PASS
	Extreme (10°C)		782.271	786.729	777-787	PASS
	Extreme (0°C)		782.241	786.759	777-787	PASS
	Extreme (-10°C)		782.254	786.746	777-787	PASS
	Extreme (-20°C)		782.200	786.800	777-787	PASS
	Extreme (-30°C)		782.244	786.756	777-787	PASS
	25°C	LV	782.281	786.719	777-787	PASS
		HV	782.291	786.709	777-787	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1710.7	BANDWIDTH	1.4MHz				
	Temperature	Voltage	QPSK			
	Extreme (50°C)	NV	1710.146	1711.254	1710-1780	PASS
	Extreme (40°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (30°C)		1710.148	1711.252	1710-1780	PASS
	Extreme (20°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (10°C)		1710.146	1711.254	1710-1780	PASS
	Extreme (0°C)		1710.147	1711.253	1710-1780	PASS

	Extreme (-10℃)		1710.148	1711.252	1710-1780	PASS
	Extreme (-20℃)		1710.146	1711.254	1710-1780	PASS
	Extreme (-30℃)		1710.149	1711.251	1710-1780	PASS
	25℃	LV	1710.146	1711.254	1710-1780	PASS
		HV	1710.146	1711.254	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1711.5	BANDWIDTH	3MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.148	1712.852	1710-1780	PASS
	Extreme (40℃)		1710.145	1712.855	1710-1780	PASS
	Extreme (30℃)		1710.148	1712.852	1710-1780	PASS
	Extreme (20℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (10℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (0℃)		1710.146	1712.854	1710-1780	PASS
	Extreme (-10℃)		1710.149	1712.851	1710-1780	PASS
	Extreme (-20℃)		1710.148	1712.852	1710-1780	PASS
	Extreme (-30℃)		1710.149	1712.851	1710-1780	PASS
	25℃	LV	1710.145	1712.855	1710-1780	PASS
		HV	1710.145	1712.855	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1712.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1710.259	1714.741	1710-1780	PASS
	Extreme (40℃)		1710.268	1714.732	1710-1780	PASS
	Extreme (30℃)		1710.226	1714.774	1710-1780	PASS
	Extreme (20℃)		1710.247	1714.753	1710-1780	PASS
	Extreme (10℃)		1710.205	1714.795	1710-1780	PASS
	Extreme (0℃)		1710.224	1714.776	1710-1780	PASS
	Extreme (-10℃)		1710.232	1714.768	1710-1780	PASS
	Extreme (-20℃)		1710.250	1714.750	1710-1780	PASS
	Extreme (-30℃)		1710.220	1714.780	1710-1780	PASS
	25℃	LV	1710.200	1714.800	1710-1780	PASS
		HV	1710.280	1714.720	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1715	BANDWIDTH	10MHz				

	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1710.637	1719.363	1710-1780	PASS
	Extreme（40℃）		1710.646	1719.354	1710-1780	PASS
	Extreme（30℃）		1710.571	1719.429	1710-1780	PASS
	Extreme（20℃）		1710.513	1719.487	1710-1780	PASS
	Extreme（10℃）		1710.508	1719.492	1710-1780	PASS
	Extreme（0℃）		1710.553	1719.447	1710-1780	PASS
	Extreme（-10℃）		1710.602	1719.398	1710-1780	PASS
	Extreme（-20℃）		1710.607	1719.393	1710-1780	PASS
	Extreme（-30℃）		1710.623	1719.377	1710-1780	PASS
	25℃	LV	1710.526	1719.474	1710-1780	PASS
HV		1710.617	1719.383	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1717.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1710.761	1724.239	1710-1780	PASS
	Extreme（40℃）		1710.749	1724.251	1710-1780	PASS
	Extreme（30℃）		1710.746	1724.254	1710-1780	PASS
	Extreme（20℃）		1710.787	1724.213	1710-1780	PASS
	Extreme（10℃）		1710.720	1724.280	1710-1780	PASS
	Extreme（0℃）		1710.775	1724.225	1710-1780	PASS
	Extreme（-10℃）		1710.794	1724.206	1710-1780	PASS
	Extreme（-20℃）		1710.709	1724.291	1710-1780	PASS
	Extreme（-30℃）		1710.711	1724.289	1710-1780	PASS
25℃	LV	1710.793	1724.207	1710-1780	PASS	
	HV	1710.747	1724.253	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1720	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme（50℃）	NV	1711.020	1728.980	1710-1780	PASS
	Extreme（40℃）		1711.007	1728.993	1710-1780	PASS
	Extreme（30℃）		1711.020	1728.980	1710-1780	PASS
	Extreme（20℃）		1711.030	1728.970	1710-1780	PASS
	Extreme（10℃）		1711.048	1728.952	1710-1780	PASS
	Extreme（0℃）		1711.029	1728.971	1710-1780	PASS
	Extreme（-10℃）		1711.046	1728.954	1710-1780	PASS
	Extreme（-20℃）		1711.043	1728.957	1710-1780	PASS
	Extreme（-30℃）		1711.034	1728.966	1710-1780	PASS

	25°C	LV	1711.046	1728.954	1710-1780	PASS
		HV	1711.041	1728.959	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1779.3	BANDWIDTH	1.4MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1778.745	1779.855	1710-1780	PASS
	Extreme (40°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (30°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (20°C)		1778.750	1779.850	1710-1780	PASS
	Extreme (10°C)		1778.746	1779.854	1710-1780	PASS
	Extreme (0°C)		1778.747	1779.853	1710-1780	PASS
	Extreme (-10°C)		1778.748	1779.852	1710-1780	PASS
	Extreme (-20°C)		1778.747	1779.853	1710-1780	PASS
	Extreme (-30°C)		1778.747	1779.853	1710-1780	PASS
	25°C	LV	1778.749	1779.851	1710-1780	PASS
		HV	1778.747	1779.853	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1778.5	BANDWIDTH	3MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1777.146	1779.854	1710-1780	PASS
	Extreme (40°C)		1777.146	1779.854	1710-1780	PASS
	Extreme (30°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (20°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (10°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (0°C)		1777.148	1779.852	1710-1780	PASS
	Extreme (-10°C)		1777.149	1779.851	1710-1780	PASS
	Extreme (-20°C)		1777.150	1779.850	1710-1780	PASS
	Extreme (-30°C)		1777.145	1779.855	1710-1780	PASS
	25°C	LV	1777.146	1779.854	1710-1780	PASS
		HV	1777.145	1779.855	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1777.5	BANDWIDTH	5MHz	QPSK	QPSK	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1775.240	1779.760	1710-1780	PASS
	Extreme (40°C)		1775.233	1779.767	1710-1780	PASS

	Extreme (30℃)		1775.243	1779.757	1710-1780	PASS
	Extreme (20℃)		1775.245	1779.755	1710-1780	PASS
	Extreme (10℃)		1775.268	1779.732	1710-1780	PASS
	Extreme (0℃)		1775.211	1779.789	1710-1780	PASS
	Extreme (-10℃)		1775.243	1779.757	1710-1780	PASS
	Extreme (-20℃)		1775.256	1779.744	1710-1780	PASS
	Extreme (-30℃)		1775.267	1779.733	1710-1780	PASS
		25℃	LV	1775.251	1779.749	1710-1780
		HV	1775.285	1779.715	1710-1780	PASS
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1775	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1770.546	1779.454	1710-1780	PASS
	Extreme (40℃)		1770.603	1779.397	1710-1780	PASS
	Extreme (30℃)		1770.609	1779.391	1710-1780	PASS
	Extreme (20℃)		1770.639	1779.361	1710-1780	PASS
	Extreme (10℃)		1770.502	1779.498	1710-1780	PASS
	Extreme (0℃)		1770.570	1779.430	1710-1780	PASS
	Extreme (-10℃)		1770.522	1779.478	1710-1780	PASS
	Extreme (-20℃)		1770.598	1779.402	1710-1780	PASS
	Extreme (-30℃)		1770.547	1779.453	1710-1780	PASS
	25℃	LV	1770.565	1779.435	1710-1780	PASS
	HV	1770.558	1779.442	1710-1780	PASS	
LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1772.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	1765.792	1779.208	1710-1780	PASS
	Extreme (40℃)		1765.763	1779.237	1710-1780	PASS
	Extreme (30℃)		1765.773	1779.227	1710-1780	PASS
	Extreme (20℃)		1765.764	1779.236	1710-1780	PASS
	Extreme (10℃)		1765.773	1779.227	1710-1780	PASS
	Extreme (0℃)		1765.736	1779.264	1710-1780	PASS
	Extreme (-10℃)		1765.752	1779.248	1710-1780	PASS
	Extreme (-20℃)		1765.705	1779.295	1710-1780	PASS
	Extreme (-30℃)		1765.715	1779.285	1710-1780	PASS
	25℃	LV	1765.771	1779.229	1710-1780	PASS
	HV	1765.768	1779.232	1710-1780	PASS	

LTE B66 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
1770	BANDWIDTH	20MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	1760.912	1779.088	1710-1780	PASS
	Extreme (40°C)		1760.946	1779.054	1710-1780	PASS
	Extreme (30°C)		1760.985	1779.015	1710-1780	PASS
	Extreme (20°C)		1760.950	1779.050	1710-1780	PASS
	Extreme (10°C)		1760.942	1779.058	1710-1780	PASS
	Extreme (0°C)		1760.994	1779.006	1710-1780	PASS
	Extreme (-10°C)		1760.928	1779.072	1710-1780	PASS
	Extreme (-20°C)		1760.938	1779.062	1710-1780	PASS
	Extreme (-30°C)		1760.927	1779.073	1710-1780	PASS
	25°C	LV	1760.924	1779.076	1710-1780	PASS
		HV	1760.929	1779.071	1710-1780	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
665.5	BANDWIDTH	5MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	663.253	667.747	663-698	PASS
	Extreme (40°C)		663.254	667.746	663-698	PASS
	Extreme (30°C)		663.255	667.745	663-698	PASS
	Extreme (20°C)		663.255	667.745	663-698	PASS
	Extreme (10°C)		663.252	667.748	663-698	PASS
	Extreme (0°C)		663.258	667.742	663-698	PASS
	Extreme (-10°C)		663.256	667.744	663-698	PASS
	Extreme (-20°C)		663.251	667.749	663-698	PASS
	Extreme (-30°C)		663.257	667.743	663-698	PASS
	25°C	LV	663.253	667.747	663-698	PASS
		HV	663.251	667.749	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
668	BANDWIDTH	10MHz	F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
	Temperature	Voltage				
	Extreme (50°C)	NV	663.531	672.469	663-698	PASS
	Extreme (40°C)		663.509	672.491	663-698	PASS
	Extreme (30°C)		663.512	672.488	663-698	PASS
	Extreme (20°C)		663.511	672.489	663-698	PASS
	Extreme (10°C)		663.523	672.477	663-698	PASS

	Extreme (0℃)		663.520	672.480	663-698	PASS
	Extreme (-10℃)		663.518	672.482	663-698	PASS
	Extreme (-20℃)		663.516	672.484	663-698	PASS
	Extreme (-30℃)		663.535	672.465	663-698	PASS
	25℃	LV	663.530	672.470	663-698	PASS
		HV	663.525	672.475	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
670.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	663.736	677.264	663-698	PASS
	Extreme (40℃)		663.779	677.221	663-698	PASS
	Extreme (30℃)		663.737	677.263	663-698	PASS
	Extreme (20℃)		663.710	677.290	663-698	PASS
	Extreme (10℃)		663.781	677.219	663-698	PASS
	Extreme (0℃)		663.711	677.289	663-698	PASS
	Extreme (-10℃)		663.750	677.250	663-698	PASS
	Extreme (-20℃)		663.722	677.278	663-698	PASS
	Extreme (-30℃)		663.762	677.238	663-698	PASS
	25℃	LV	663.752	677.248	663-698	PASS
		HV	663.715	677.285	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
673	BANDWIDTH	20MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	664.049	681.951	663-698	PASS
	Extreme (40℃)		664.049	681.951	663-698	PASS
	Extreme (30℃)		664.047	681.953	663-698	PASS
	Extreme (20℃)		664.046	681.954	663-698	PASS
	Extreme (10℃)		664.046	681.954	663-698	PASS
	Extreme (0℃)		664.047	681.953	663-698	PASS
	Extreme (-10℃)		664.047	681.953	663-698	PASS
	Extreme (-20℃)		664.049	681.951	663-698	PASS
	Extreme (-30℃)		664.047	681.953	663-698	PASS
	25℃	LV	664.048	681.952	663-698	PASS
		HV	664.046	681.954	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict

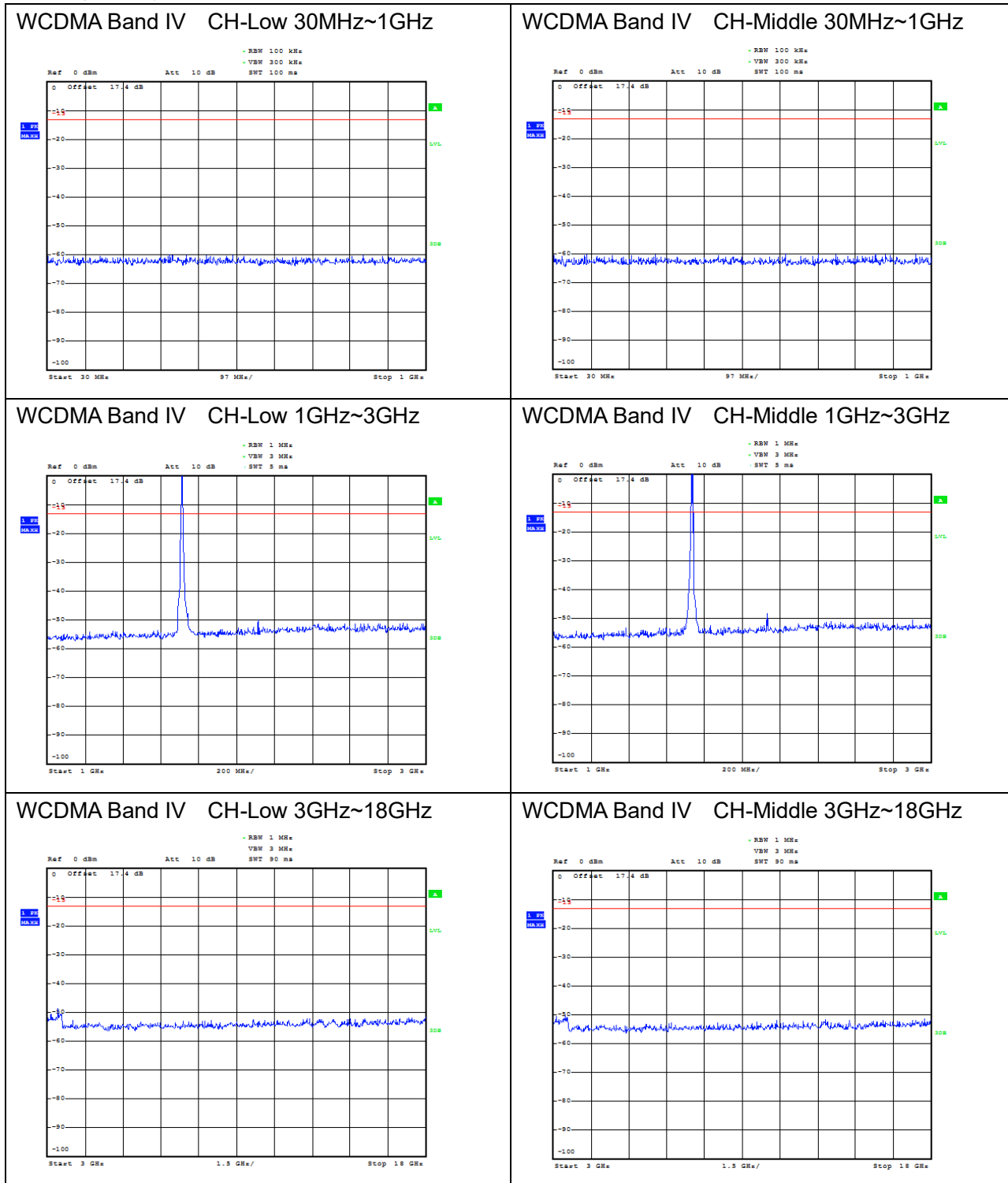
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695.5	BANDWIDTH	5MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	693.252	697.748	663-698	PASS
	Extreme (40℃)		693.251	697.749	663-698	PASS
	Extreme (30℃)		693.258	697.742	663-698	PASS
	Extreme (20℃)		693.252	697.748	663-698	PASS
	Extreme (10℃)		693.258	697.742	663-698	PASS
	Extreme (0℃)		693.256	697.744	663-698	PASS
	Extreme (-10℃)		693.255	697.745	663-698	PASS
	Extreme (-20℃)		693.251	697.749	663-698	PASS
	Extreme (-30℃)		693.254	697.746	663-698	PASS
	25℃	LV	693.255	697.745	663-698	PASS
		HV	693.254	697.746	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
693	BANDWIDTH	10MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	688.520	697.480	663-698	PASS
	Extreme (40℃)		688.527	697.473	663-698	PASS
	Extreme (30℃)		688.520	697.480	663-698	PASS
	Extreme (20℃)		688.514	697.486	663-698	PASS
	Extreme (10℃)		688.517	697.483	663-698	PASS
	Extreme (0℃)		688.508	697.492	663-698	PASS
	Extreme (-10℃)		688.522	697.478	663-698	PASS
	Extreme (-20℃)		688.507	697.493	663-698	PASS
	Extreme (-30℃)		688.512	697.488	663-698	PASS
	25℃	LV	688.530	697.470	663-698	PASS
		HV	688.515	697.485	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
690.5	BANDWIDTH	15MHz				
	Temperature	Voltage	QPSK			
	Extreme (50℃)	NV	683.745	697.255	663-698	PASS
	Extreme (40℃)		683.702	697.298	663-698	PASS
	Extreme (30℃)		683.787	697.213	663-698	PASS
	Extreme (20℃)		683.747	697.253	663-698	PASS
	Extreme (10℃)		683.727	697.273	663-698	PASS
	Extreme (0℃)		683.783	697.217	663-698	PASS
	Extreme (-10℃)		683.749	697.251	663-698	PASS

	Extreme (-20°C)		683.766	697.234	663-698	PASS
	Extreme (-30°C)		683.765	697.235	663-698	PASS
	25°C	LV	683.785	697.215	663-698	PASS
		HV	683.745	697.255	663-698	PASS
LTE B71 Fc(MHz)	Condition		F Low (MHz)	F High (MHz)	Limit (MHz)	Verdict
688	BANDWIDTH	20MHz	QPSK			
	Temperature	Voltage				
	Extreme (50°C)	NV	679.050	696.950	663-698	PASS
	Extreme (40°C)		679.046	696.954	663-698	PASS
	Extreme (30°C)		679.046	696.954	663-698	PASS
	Extreme (20°C)		679.045	696.955	663-698	PASS
	Extreme (10°C)		679.047	696.953	663-698	PASS
	Extreme (0°C)		679.048	696.952	663-698	PASS
	Extreme (-10°C)		679.047	696.953	663-698	PASS
	Extreme (-20°C)		679.046	696.954	663-698	PASS
	Extreme (-30°C)		679.046	696.954	663-698	PASS
	25°C	LV	679.047	696.953	663-698	PASS
		HV	679.049	696.951	663-698	PASS

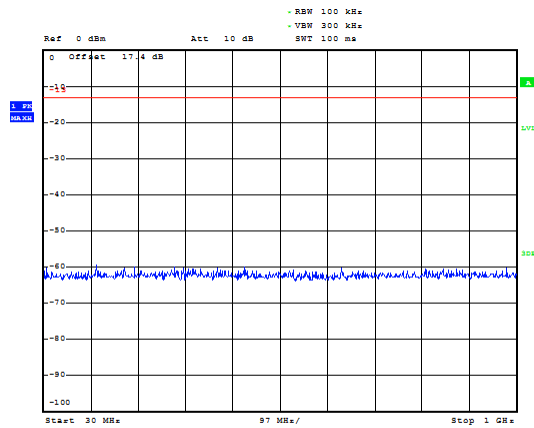
6.6 Spurious Emissions at Antenna Terminals

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

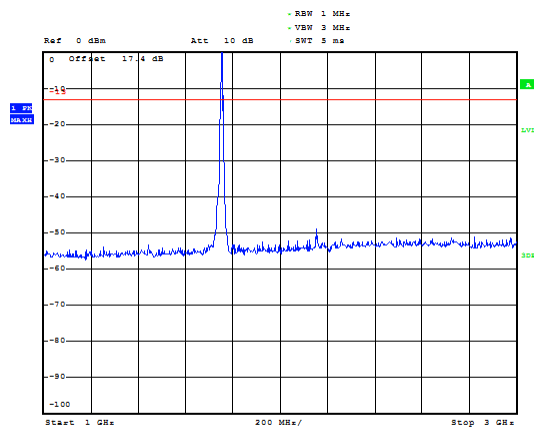
The signal beyond the limit is carrier.



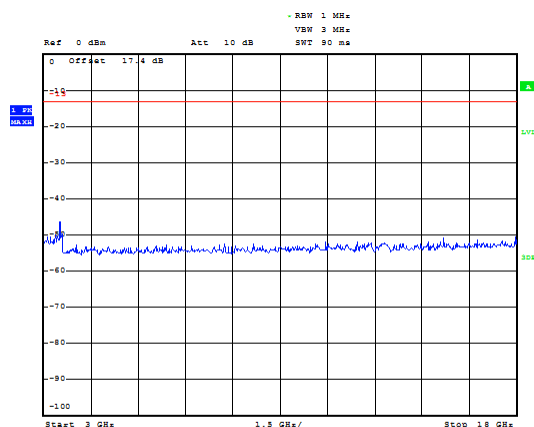
WCDMA Band IV CH-High 30MHz~1GHz



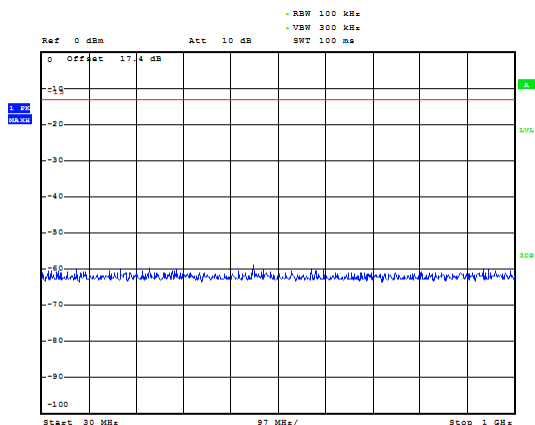
WCDMA Band IV CH-High 1GHz~3GHz



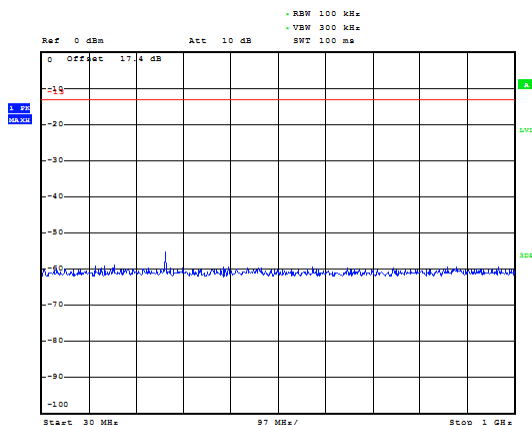
WCDMA Band IV CH-High 3GHz~18GHz



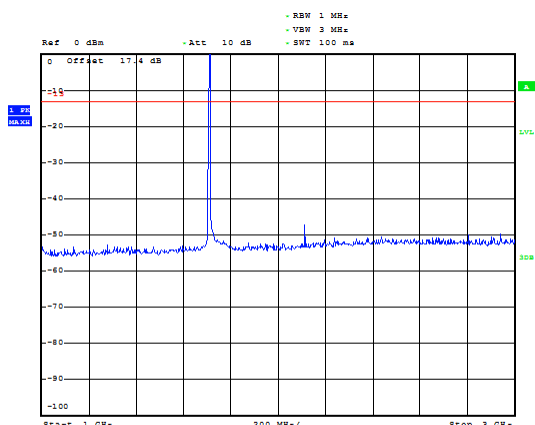
LTE Band 4 1.4MHz CH-Low 30MHz~1GHz



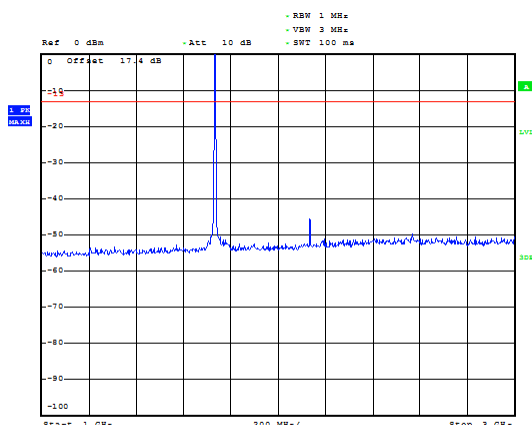
LTE Band 4 1.4MHz CH-Middle 30MHz~1GHz



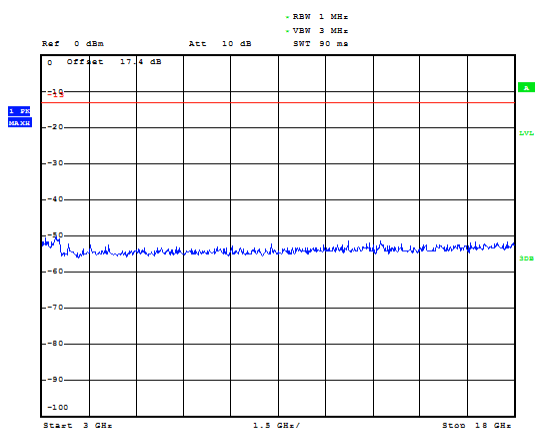
LTE Band 4 1.4MHz CH-Low 1GHz~3GHz



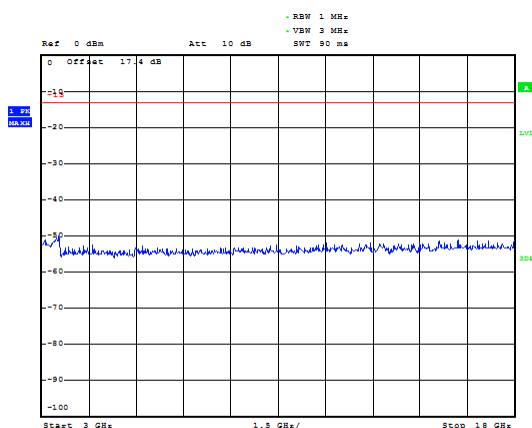
LTE Band 4 1.4MHz CH-Middle 1GHz~3GHz



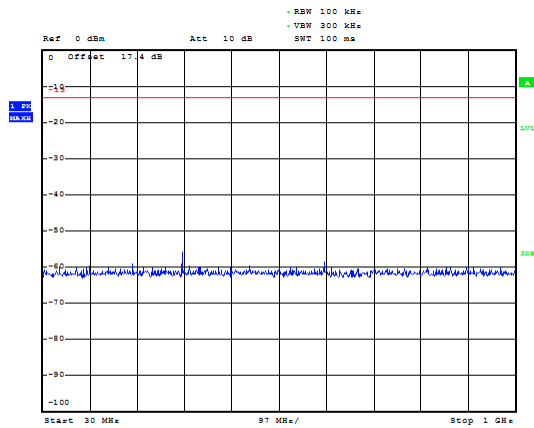
LTE Band 4 1.4MHz CH-Low 3GHz~18GHz



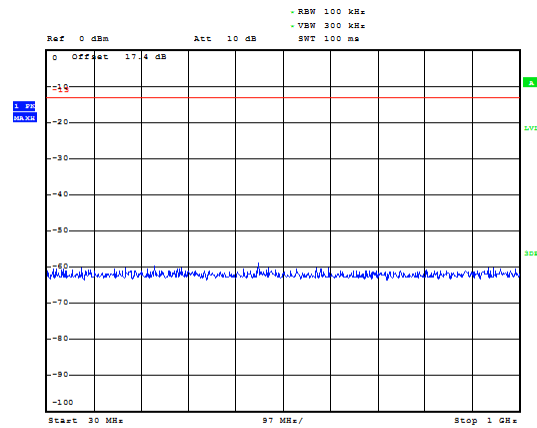
LTE Band 4 1.4MHz CH-Middle 3GHz~18GHz



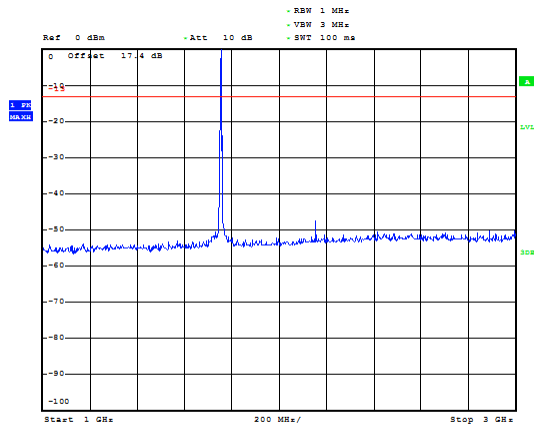
LTE Band 4 1.4MHz CH-High 30MHz~1GHz



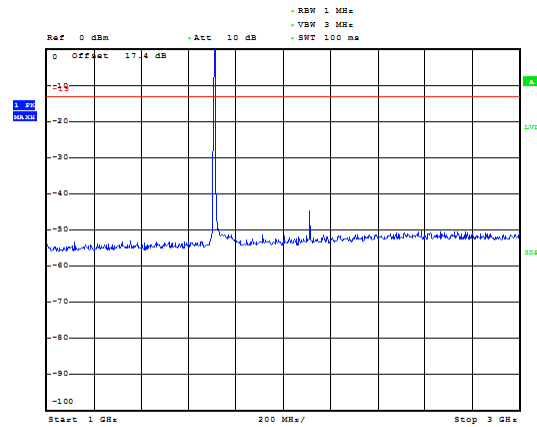
LTE Band 4 3MHz CH-Low 30MHz~1GHz



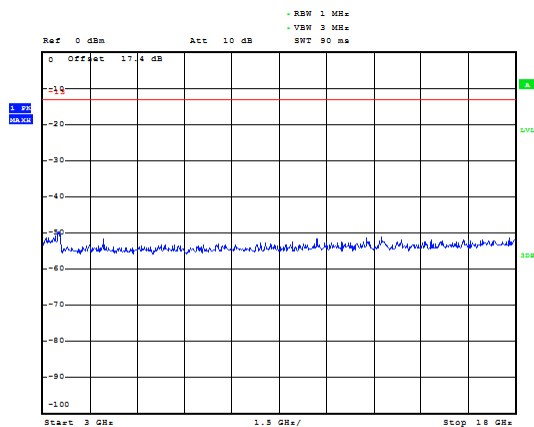
LTE Band 4 1.4MHz CH-High 1GHz~3GHz



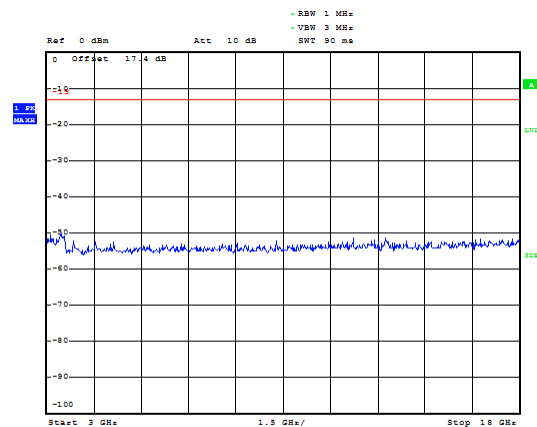
LTE Band 4 3MHz CH-Low 1GHz~3GHz



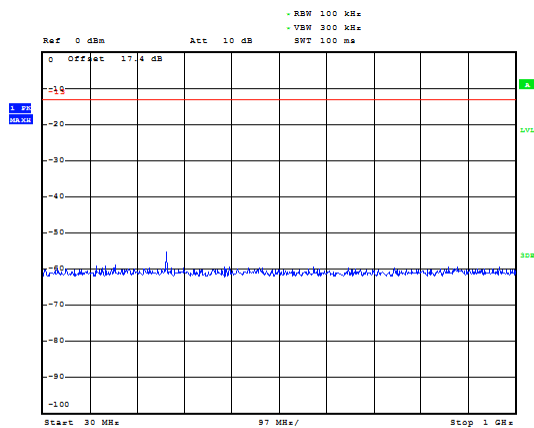
LTE Band 4 1.4MHz CH-High 3GHz~18GHz



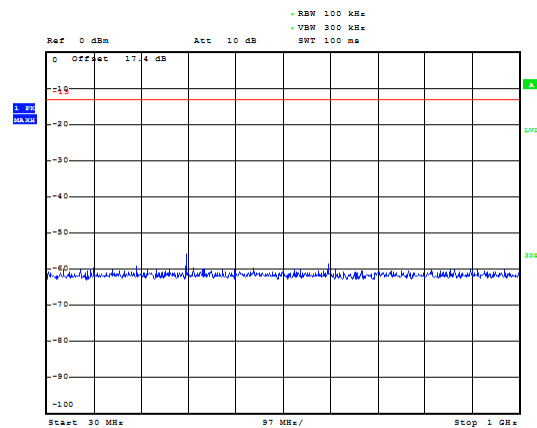
LTE Band 4 3MHz CH-Low 3GHz~18GHz



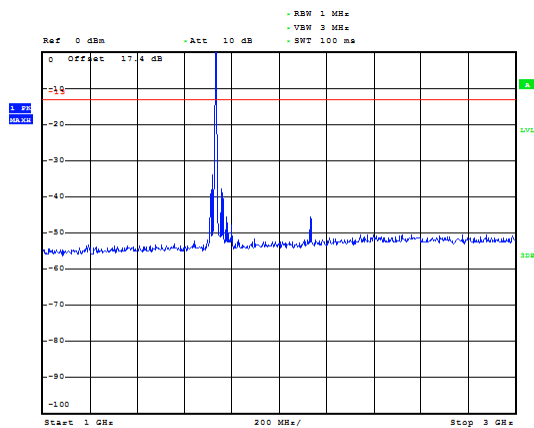
LTE Band 4 3MHz CH-Middle 30MHz~1GHz



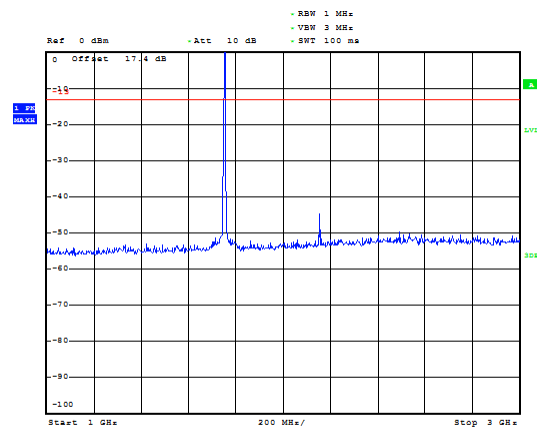
LTE Band 4 3MHz CH-High 30MHz~1GHz



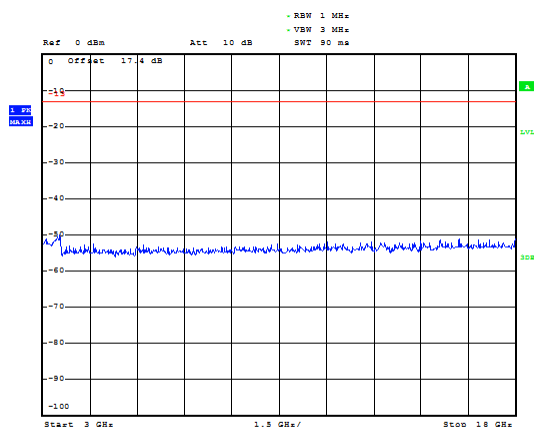
LTE Band 4 3MHz CH-Middle 1GHz~3GHz



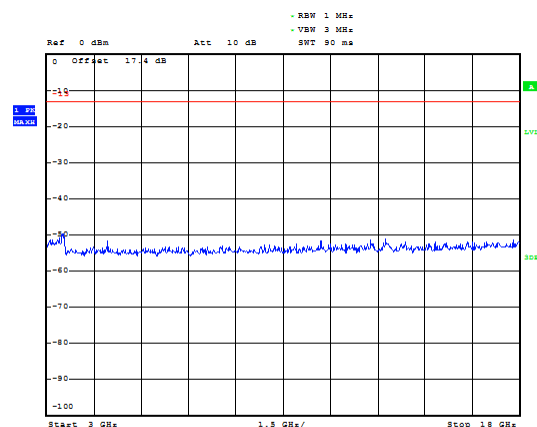
LTE Band 4 3MHz CH-High 1GHz~3GHz



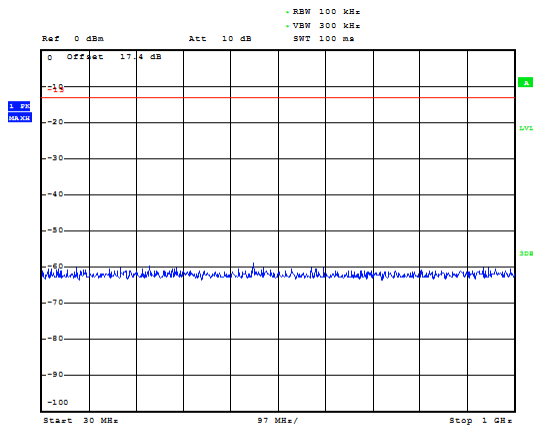
LTE Band 4 3MHz CH-Middle 3GHz~18GHz



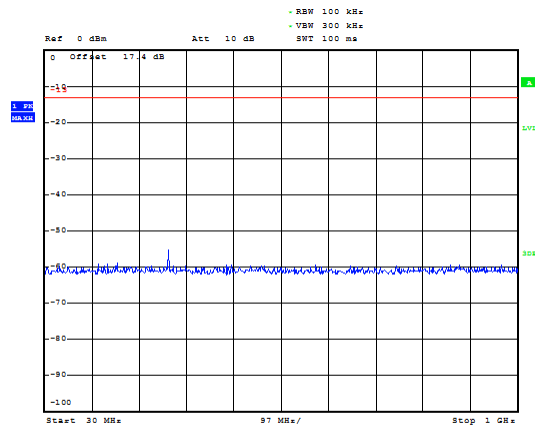
LTE Band 4 3MHz CH-High 3GHz~18GHz



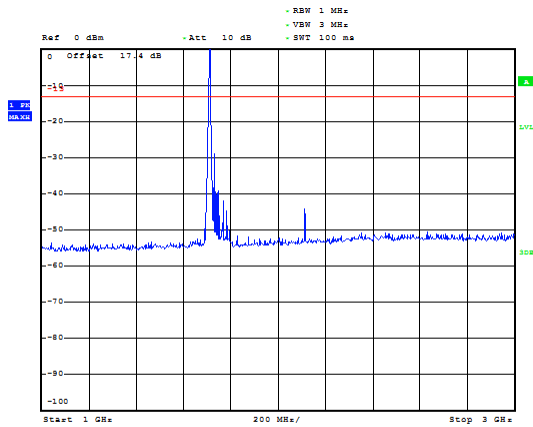
LTE Band 4 5MHz CH-Low 30MHz~1GHz



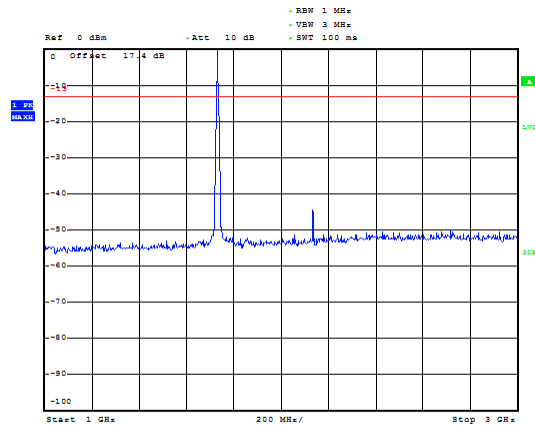
LTE Band 4 5MHz CH-Middle 30MHz~1GHz



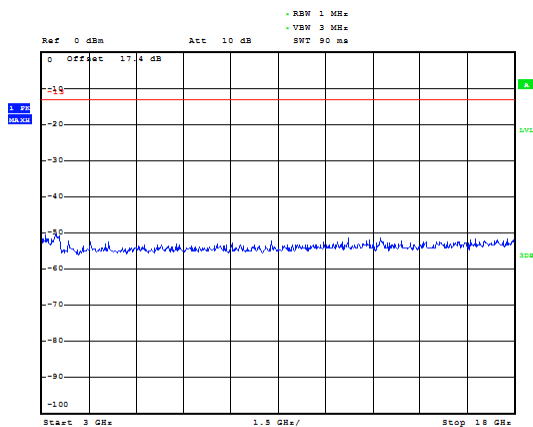
LTE Band 4 5MHz CH-Low 1GHz~3GHz



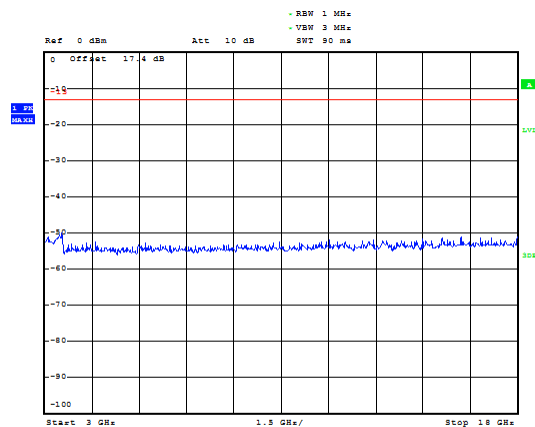
LTE Band 4 5MHz CH-Middle 1GHz~3GHz



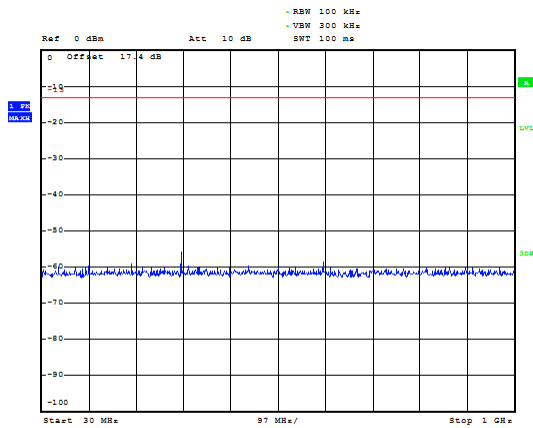
LTE Band 4 5MHz CH-Low 3GHz~18GHz



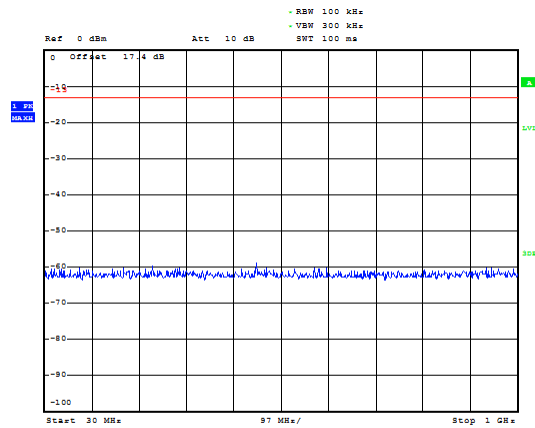
LTE Band 4 5MHz CH-Middle 3GHz~18GHz



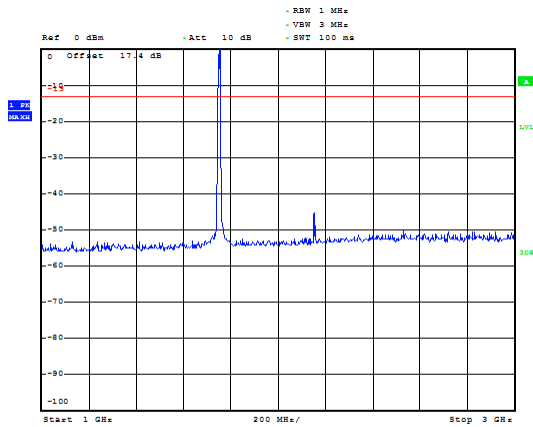
LTE Band 4 5MHz CH-High 30MHz~1GHz



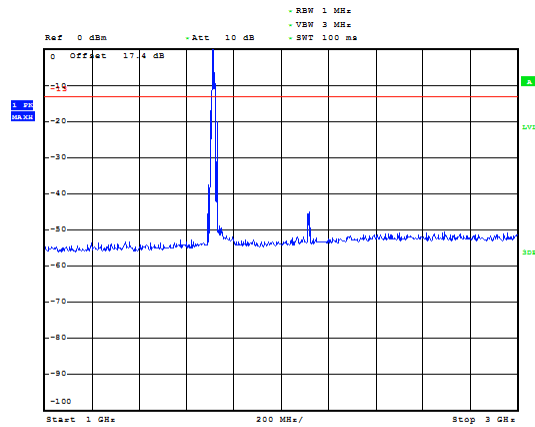
LTE Band 4 10MHz CH-Low 30MHz~1GHz



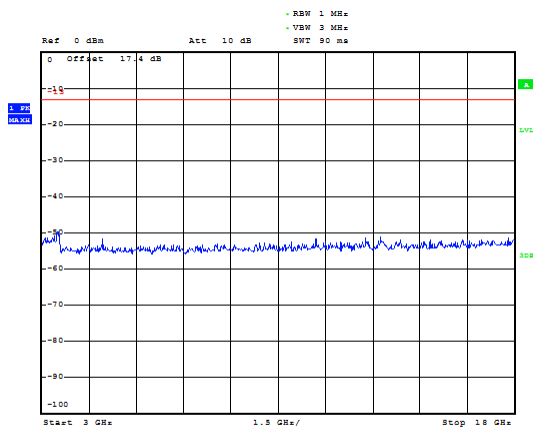
LTE Band 4 5MHz CH-High 1GHz~3GHz



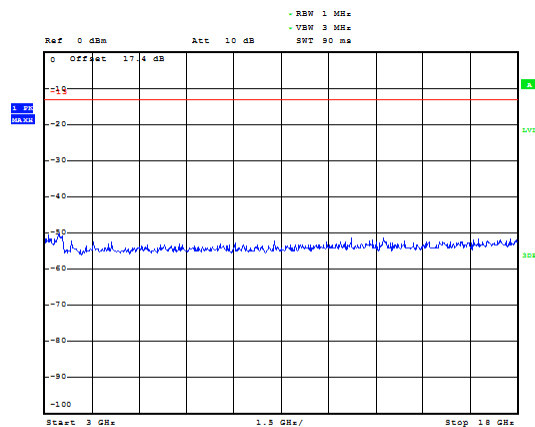
LTE Band 4 10MHz CH-Low 1GHz~3GHz



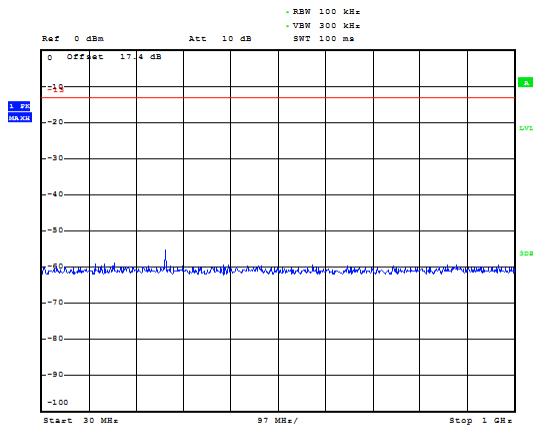
LTE Band 4 5MHz CH-High 3GHz~18GHz



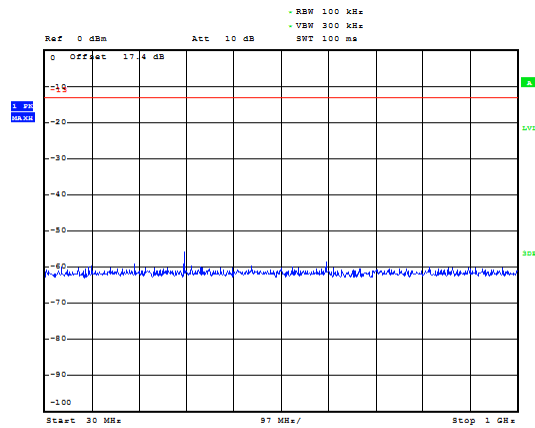
LTE Band 4 10MHz CH-Low 3GHz~18GHz



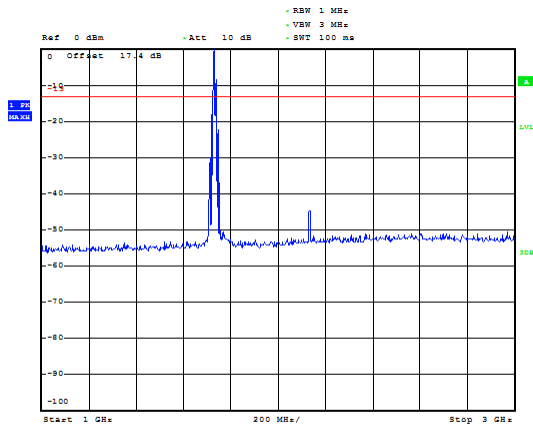
LTE Band 4 10MHz CH-Middle 30MHz~1GHz



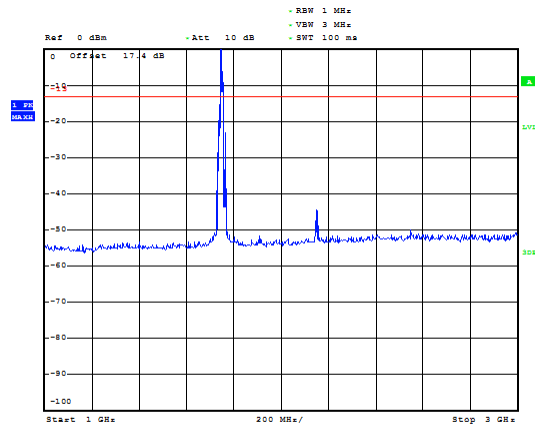
LTE Band 4 10MHz CH-High 30MHz~1GHz



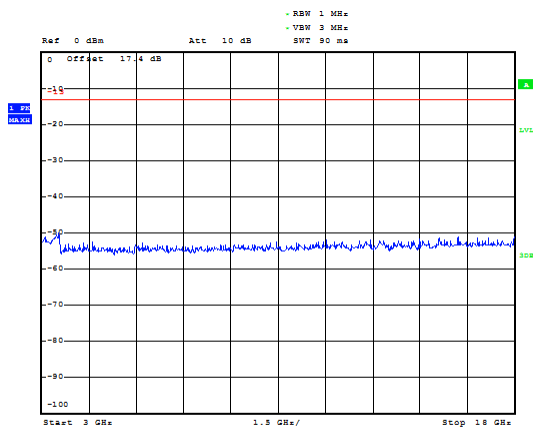
LTE Band 4 10MHz CH-Middle 1GHz~3GHz



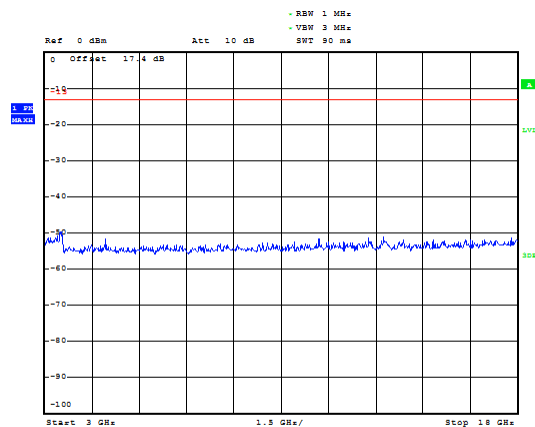
LTE Band 4 10MHz CH-High 1GHz~3GHz



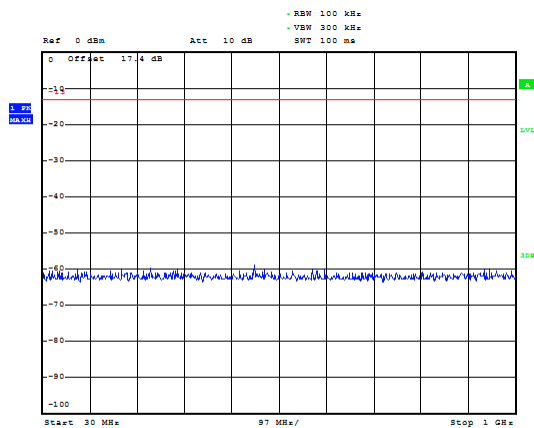
LTE Band 4 10MHz CH-Middle 3GHz~18GHz



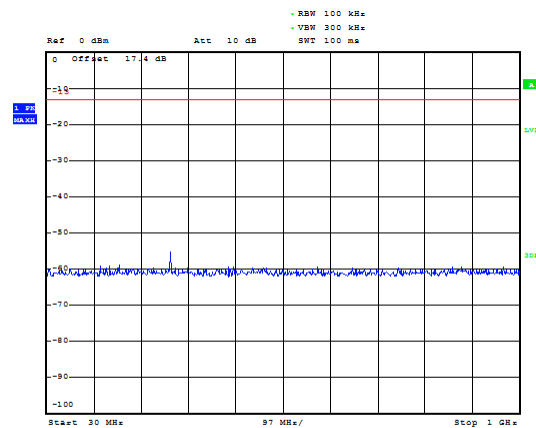
LTE Band 4 10MHz CH-High 3GHz~18GHz



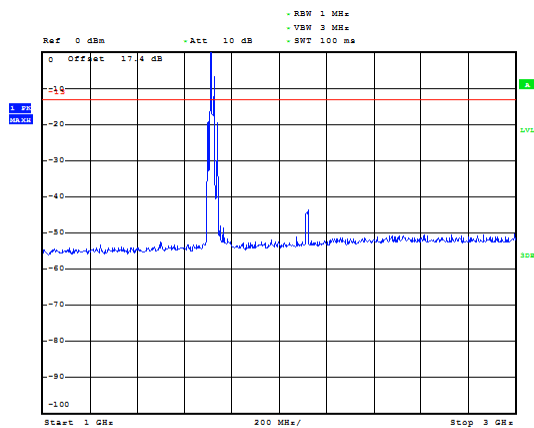
LTE Band 4 15MHz CH-Low 30MHz~1GHz



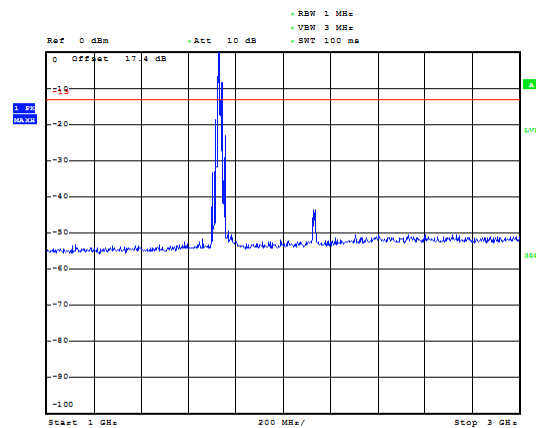
LTE Band 4 15MHz CH-Middle 30MHz~1GHz



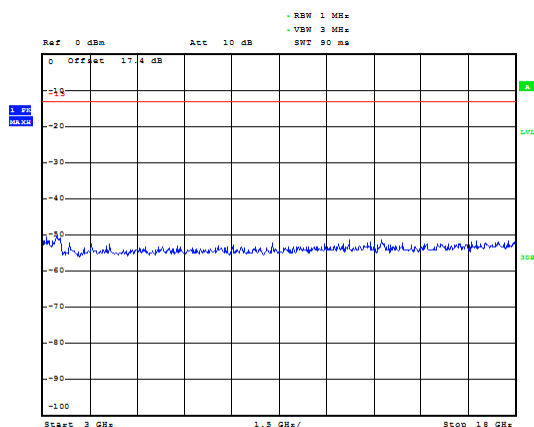
LTE Band 4 15MHz CH-Low 1GHz~3GHz



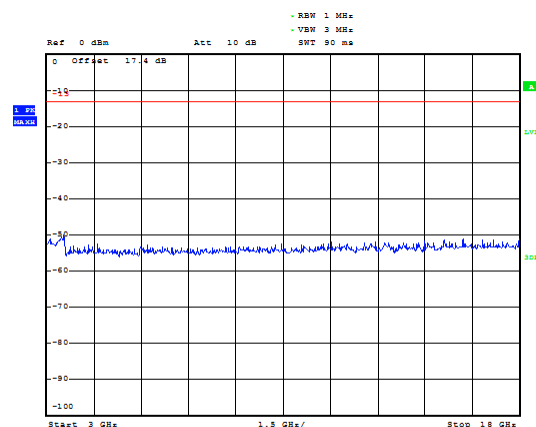
LTE Band 4 15MHz CH-Middle 1GHz~3GHz



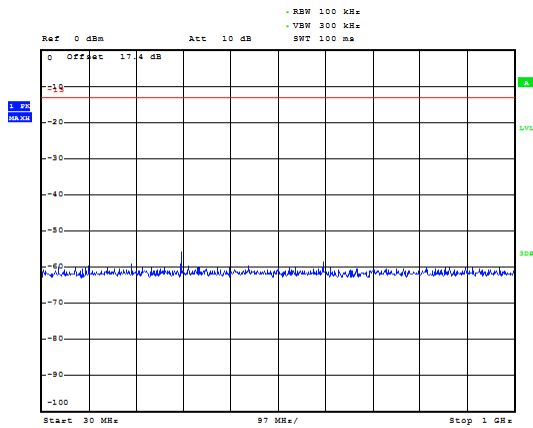
LTE Band 4 15MHz CH-Low 3GHz~18GHz



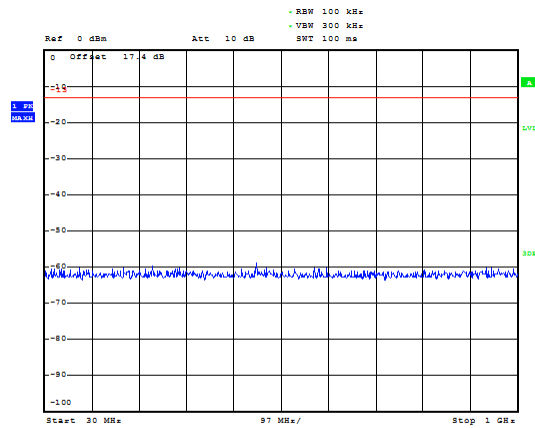
LTE Band 4 15MHz CH-Middle 3GHz~18GHz



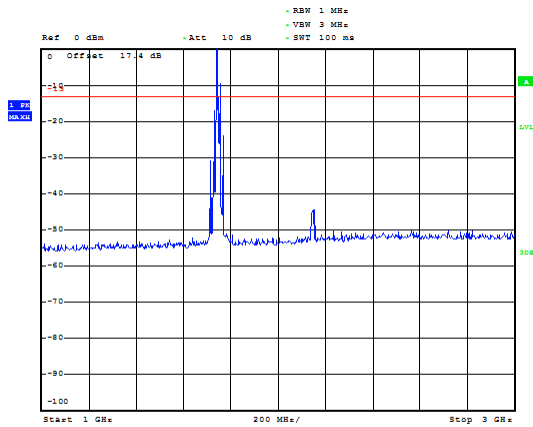
LTE Band 4 15MHz CH-High 30MHz~1GHz



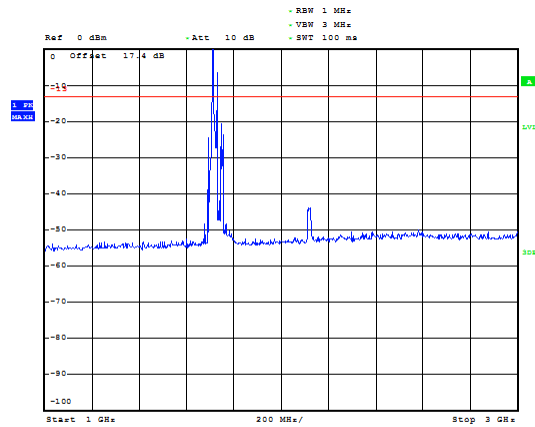
LTE Band 4 20MHz CH-Low 30MHz~1GHz



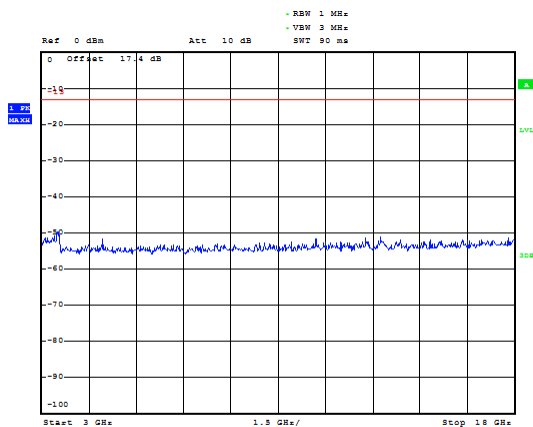
LTE Band 4 15MHz CH-High 1GHz~3GHz



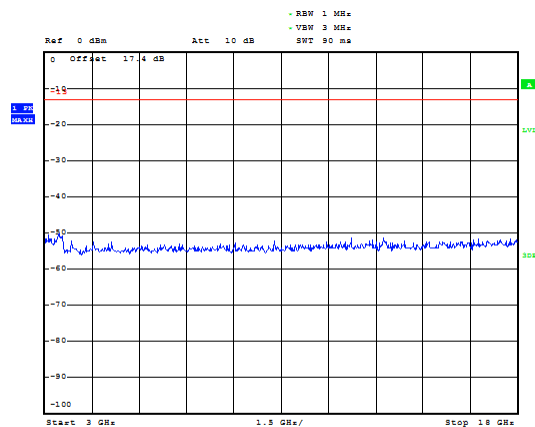
LTE Band 4 20MHz CH-Low 1GHz~3GHz



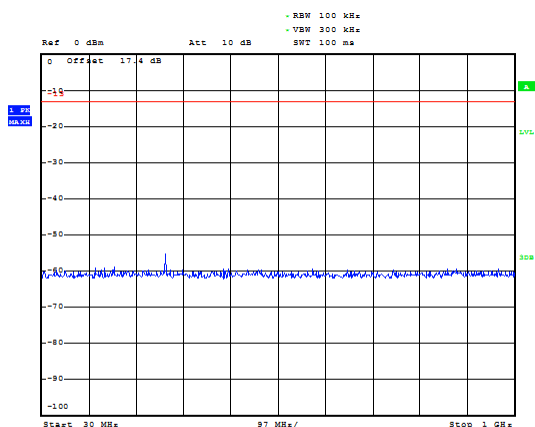
LTE Band 4 15MHz CH-High 3GHz~18GHz



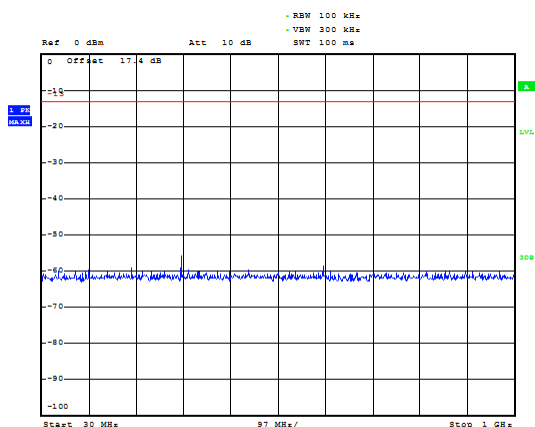
LTE Band 4 20MHz CH-Low 3GHz~18GHz



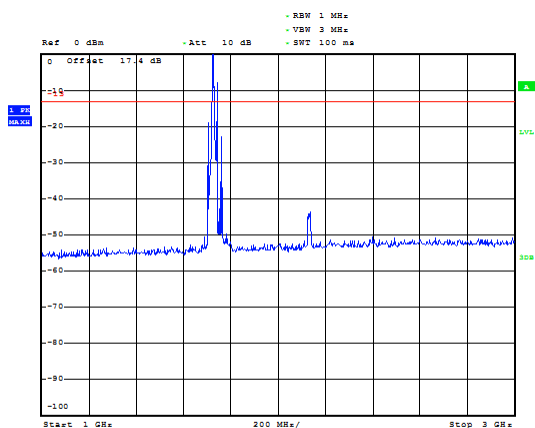
LTE Band 4 20MHz CH-Middle 30MHz~1GHz



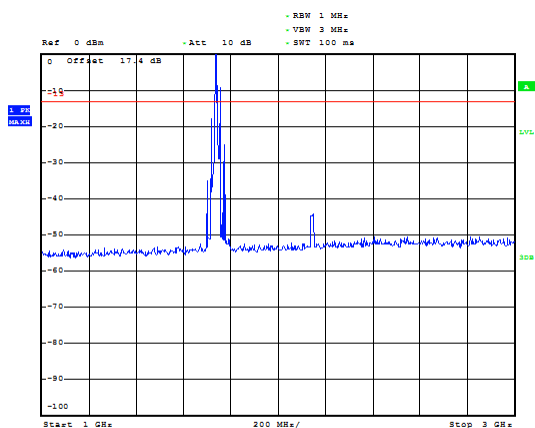
LTE Band 4 20MHz CH-High 30MHz~1GHz



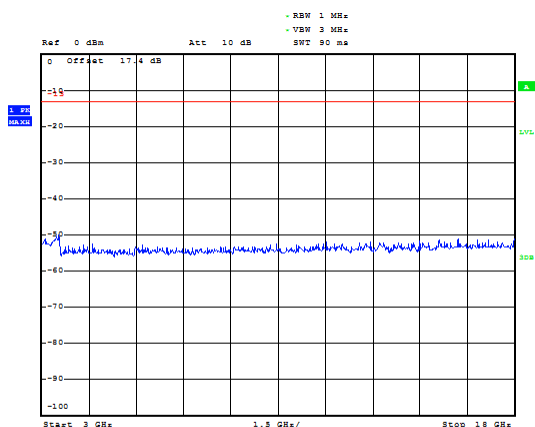
LTE Band 4 20MHz CH-Middle 1GHz~3GHz



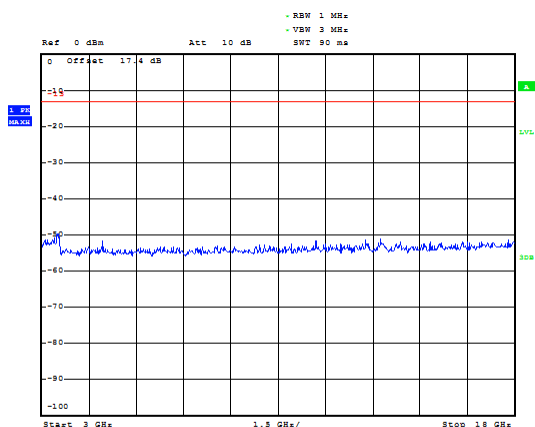
LTE Band 4 20MHz CH-High 1GHz~3GHz



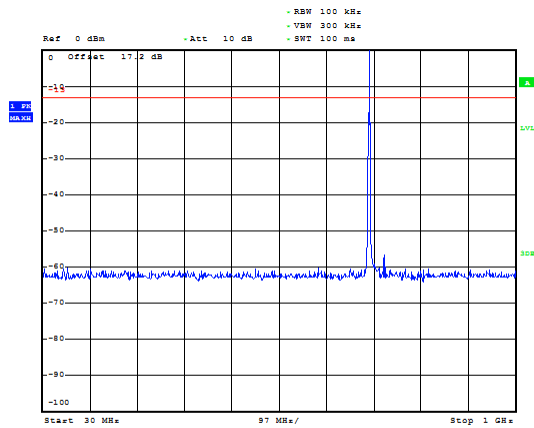
LTE Band 4 20MHz CH-Middle 3GHz~18GHz



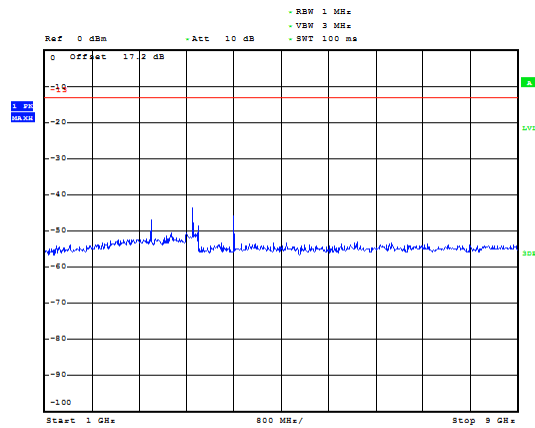
LTE Band 4 20MHz CH-High 3GHz~18GHz



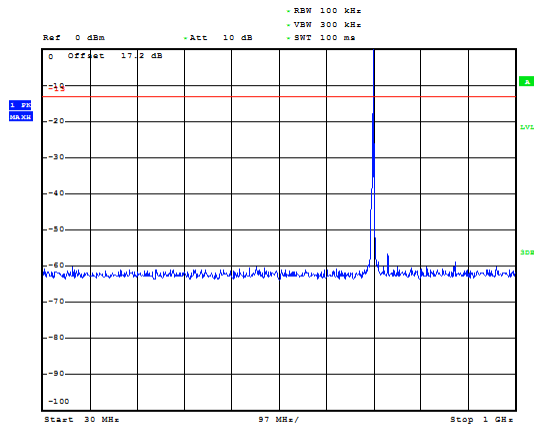
LTE Band 12 1.4MHz CH-Low 30MHz~1GHz



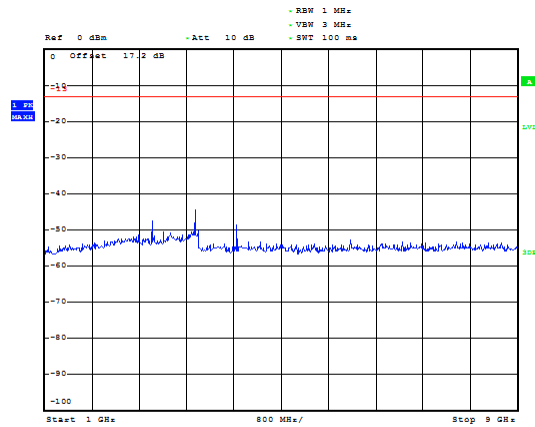
LTE Band 12 1.4MHz CH-Low 1GHz~9GHz



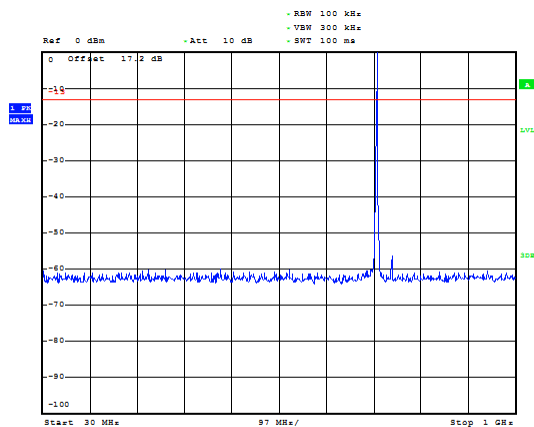
LTE Band 12 1.4MHz CH- Middle 30MHz~1GHz



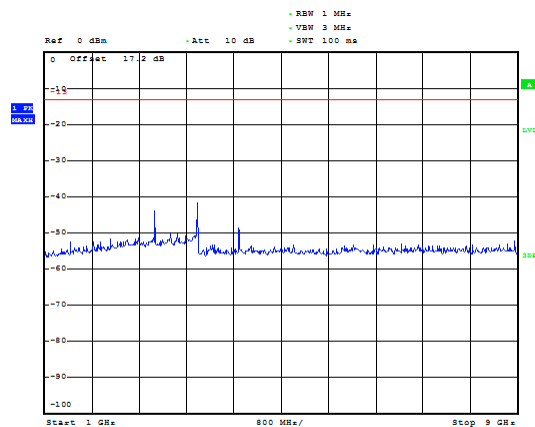
LTE Band 12 1.4MHz CH- Middle 1GHz~9GHz



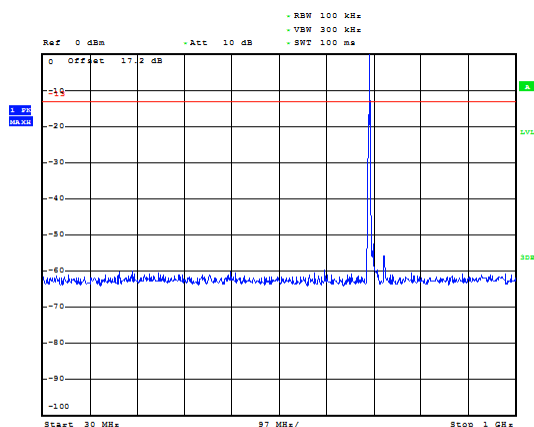
LTE Band 12 1.4MHz CH-High 30MHz~1GHz



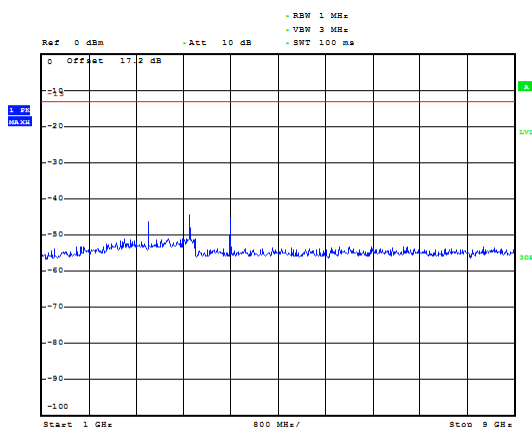
LTE Band 12 1.4MHz CH-High 1GHz~9GHz



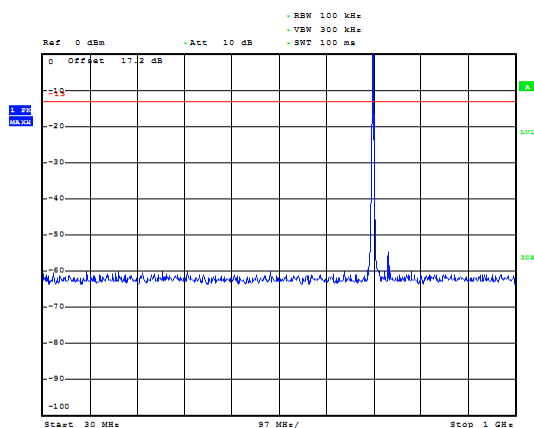
LTE Band 12 3MHz CH-Low 30MHz~1GHz



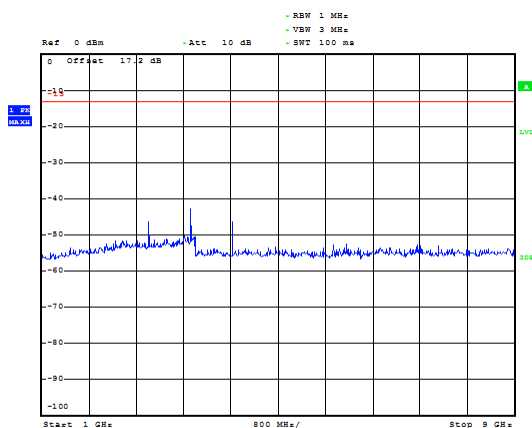
LTE Band 12 3MHz CH-Low 1GHz~9GHz



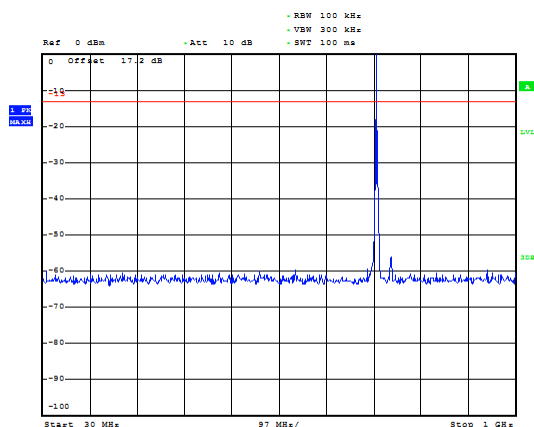
LTE Band 12 3MHz CH- Middle 30MHz~1GHz



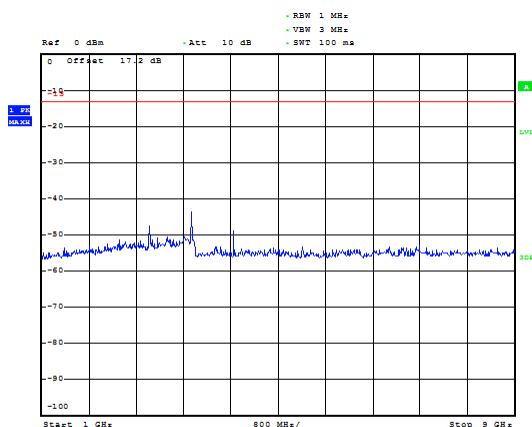
LTE Band 12 3MHz CH- Middle 1GHz~9GHz



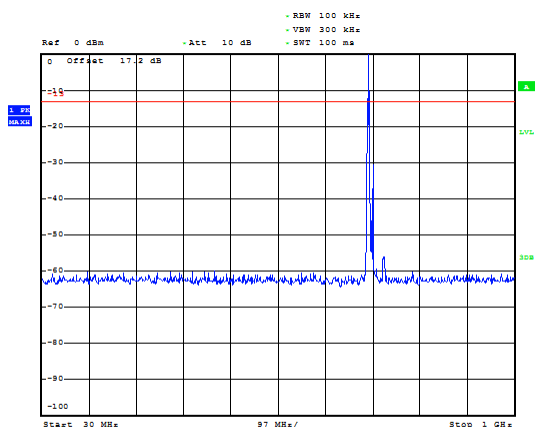
LTE Band 12 3MHz CH-High 30MHz~1GHz



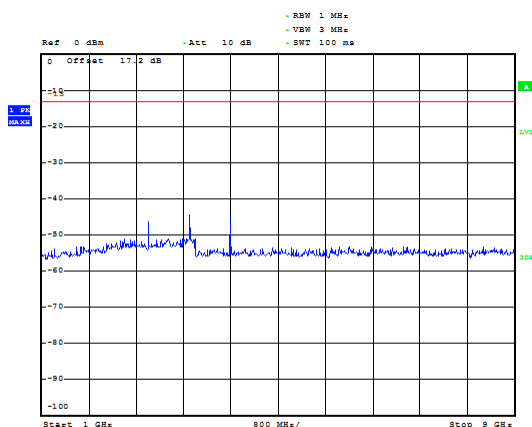
LTE Band 12 3MHz CH-High 1GHz~9GHz



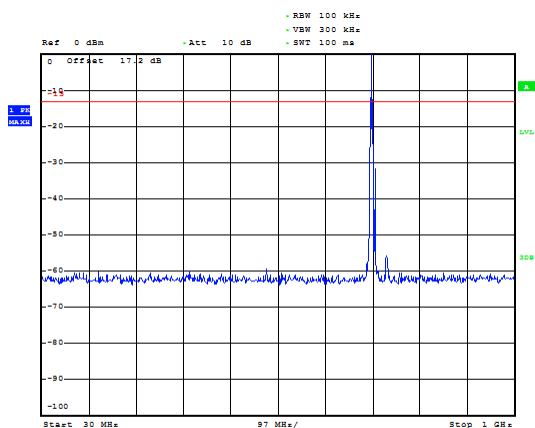
LTE Band 12 5MHz CH-Low 30MHz~1GHz



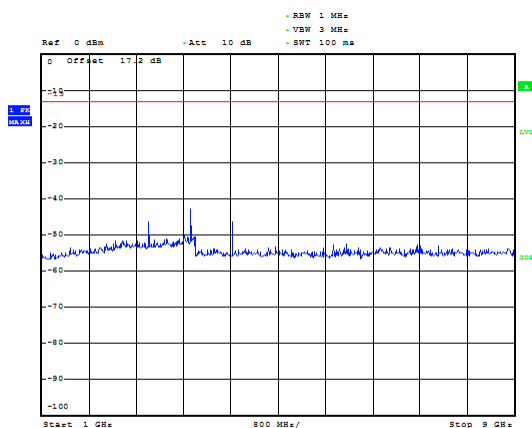
LTE Band 12 5MHz CH-Low 1GHz~9GHz



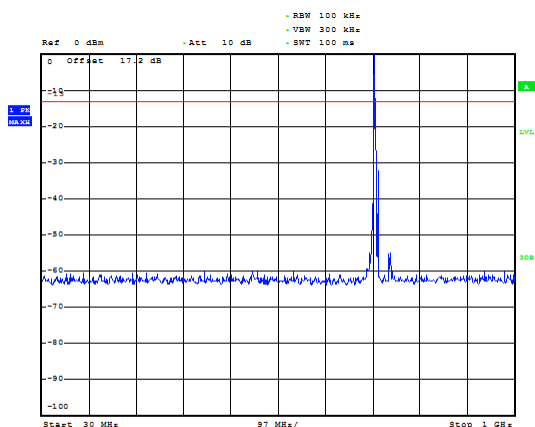
LTE Band 12 5MHz CH- Middle 30MHz~1GHz



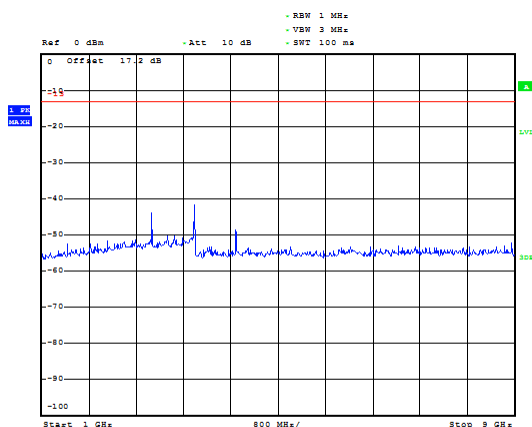
LTE Band 12 5MHz CH- Middle 1GHz~9GHz



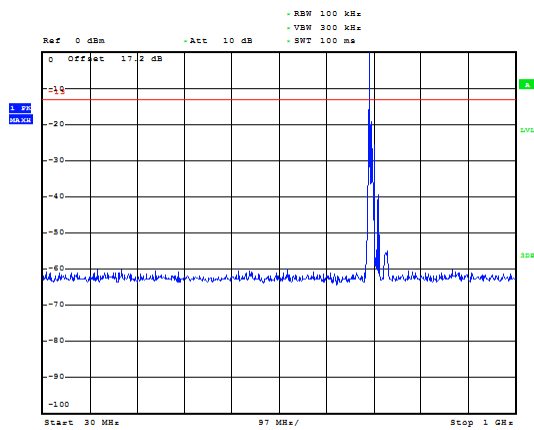
LTE Band 12 5MHz CH-High 30MHz~1GHz



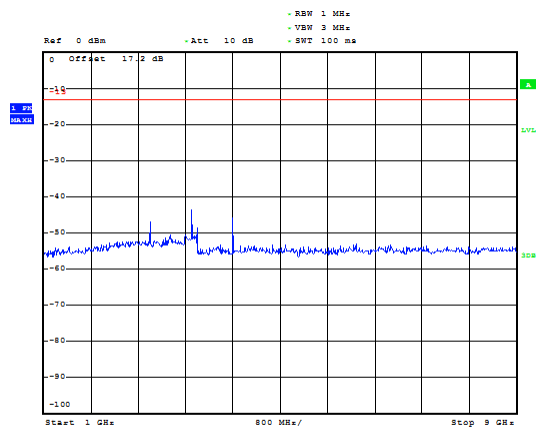
LTE Band 12 5MHz CH-High 1GHz~9GHz



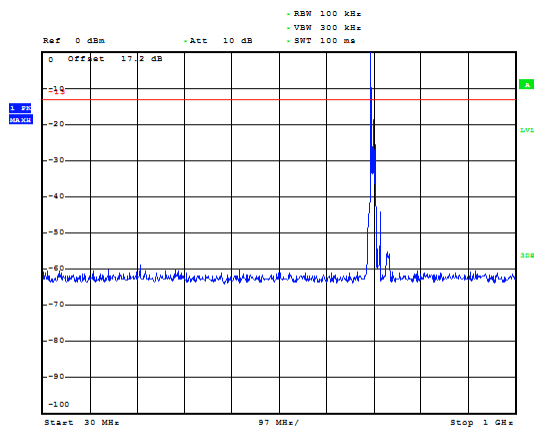
LTE Band 12 10MHz CH-Low 30MHz~1GHz



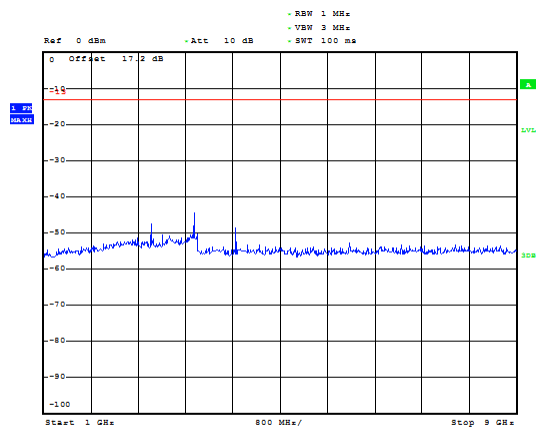
LTE Band 12 10MHz CH-Low 1GHz~9GHz



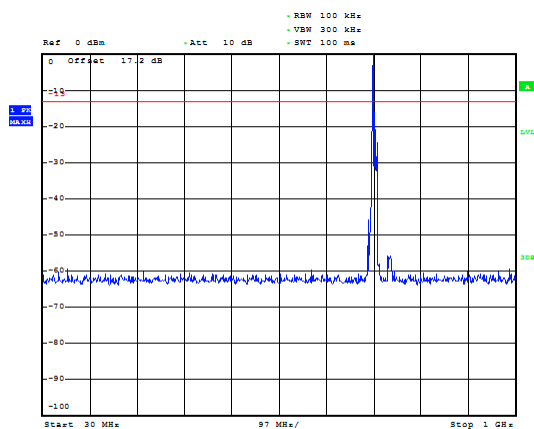
LTE Band 12 10MHz CH- Middle 30MHz~1GHz



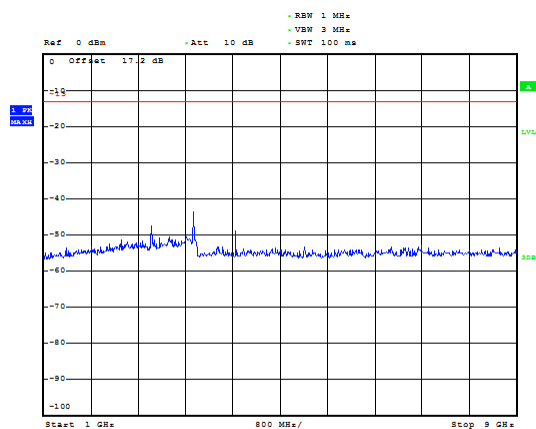
LTE Band 12 10MHz CH- Middle 1GHz~9GHz



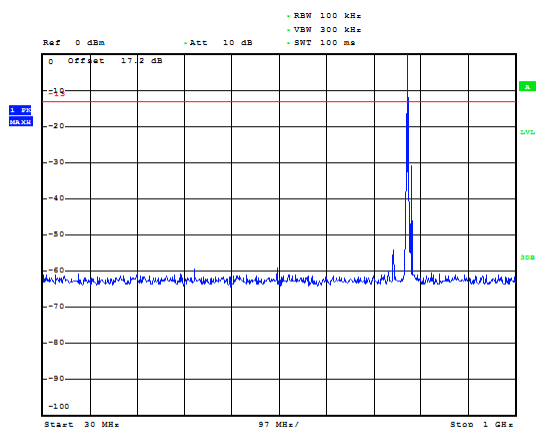
LTE Band 12 10MHz CH-High 30MHz~1GHz



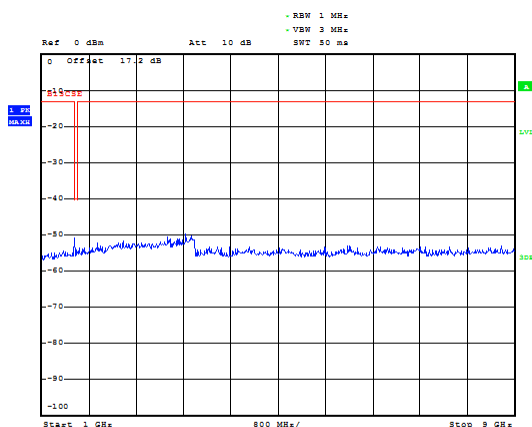
LTE Band 12 10MHz CH-High 1GHz~9GHz



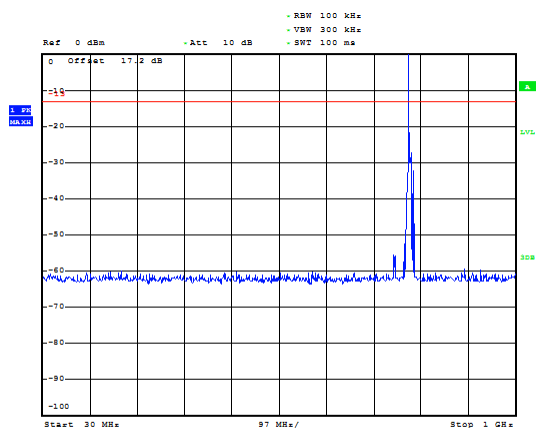
LTE Band 13 5MHz CH-Low 30MHz~1GHz



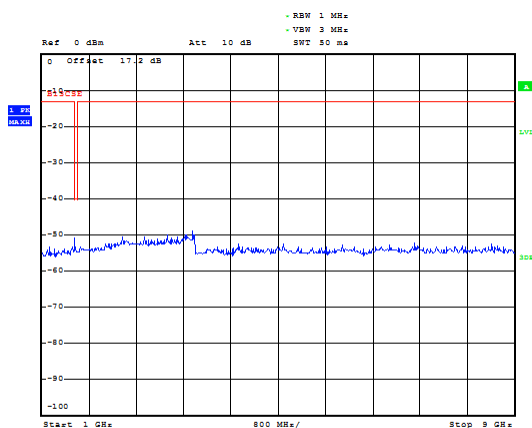
LTE Band 13 5MHz CH-Low 1GHz~9GHz



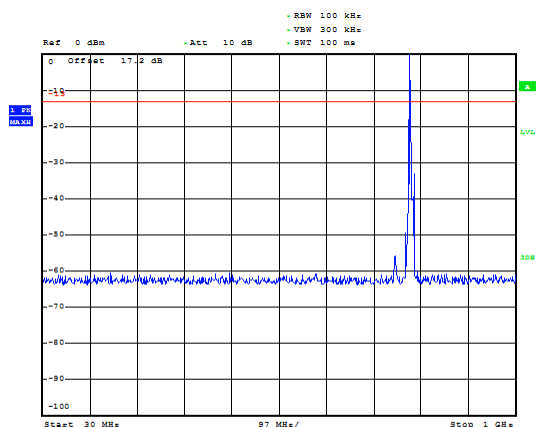
LTE Band 13 5MHz CH-Middle 30MHz~1GHz



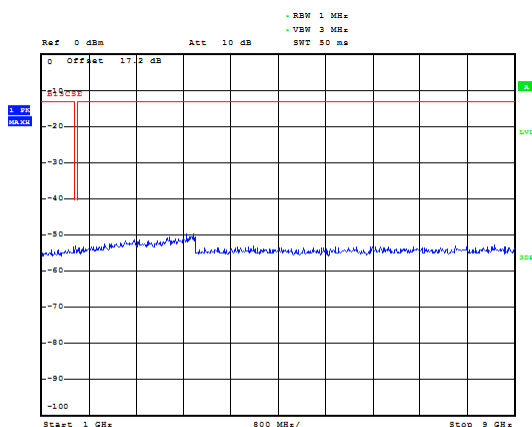
LTE Band 13 5MHz CH-Middle 1GHz~9GHz



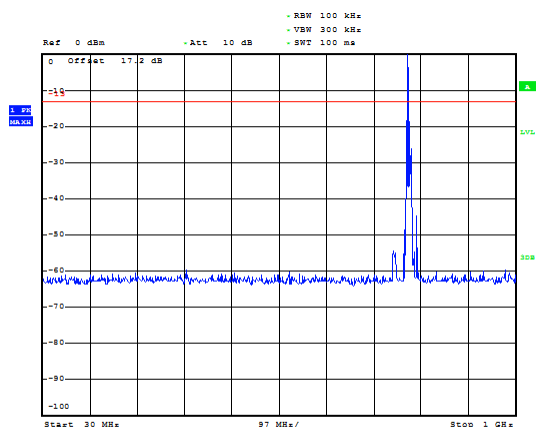
LTE Band 13 5MHz CH-High 30MHz~1GHz



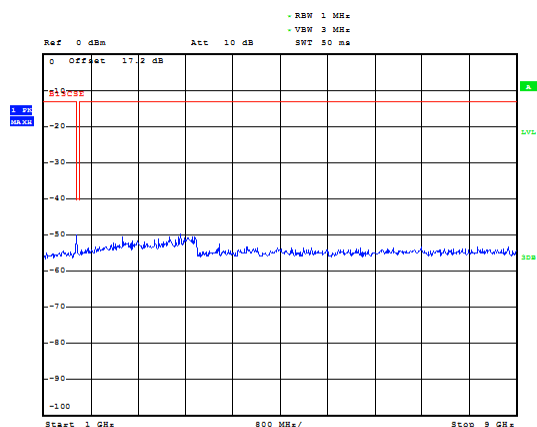
LTE Band 13 5MHz CH-High 1GHz~9GHz



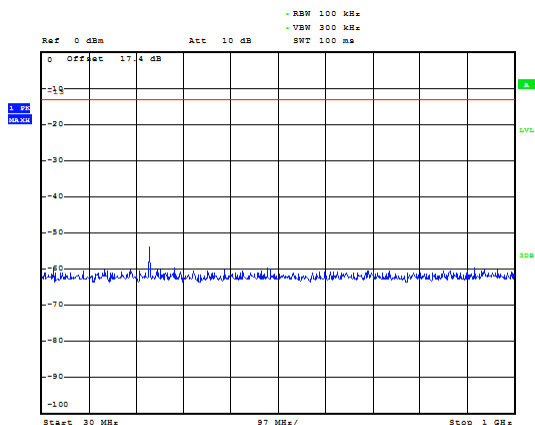
LTE Band 13 10MHz CH-Middle 30MHz~1GHz



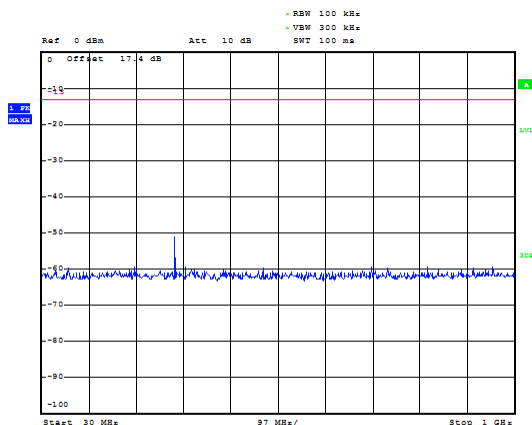
LTE Band 13 10MHz CH-Middle 1GHz~9GHz



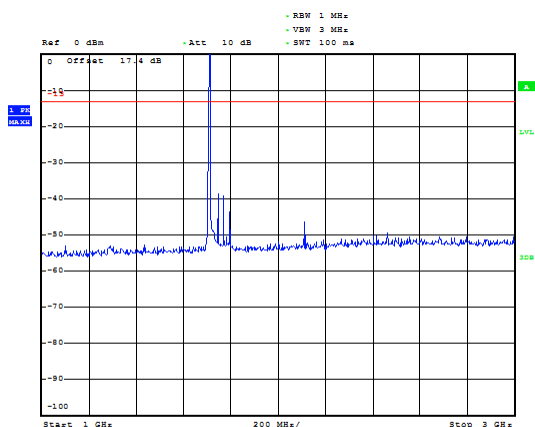
LTE Band 66 1.4MHz CH-Low 30MHz~1GHz



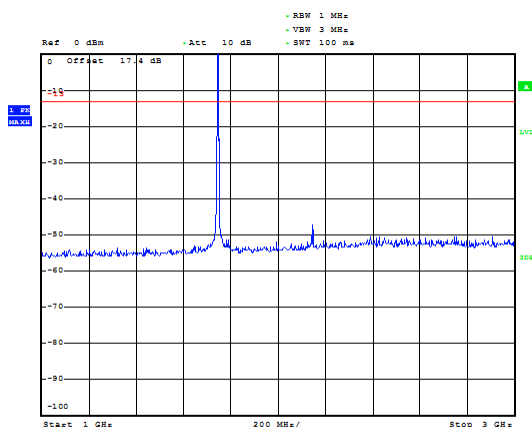
LTE Band 66 1.4MHz CH-Middle 30MHz~1GHz



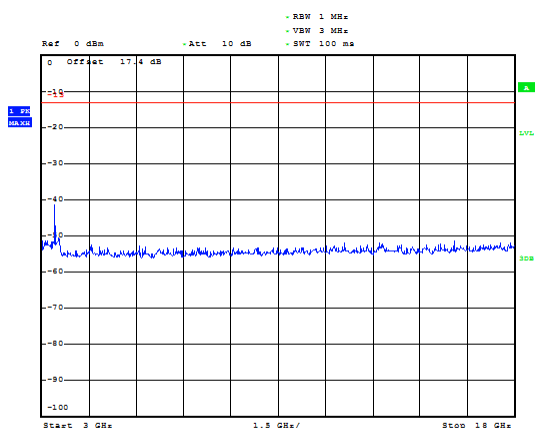
LTE Band 66 1.4MHz CH-Low 1GHz~3GHz



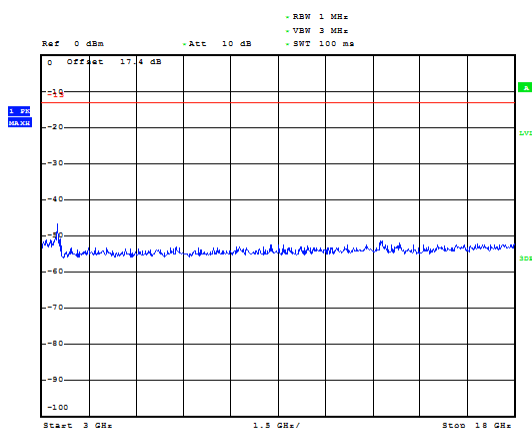
LTE Band 66 1.4MHz CH-Middle 1GHz~3GHz



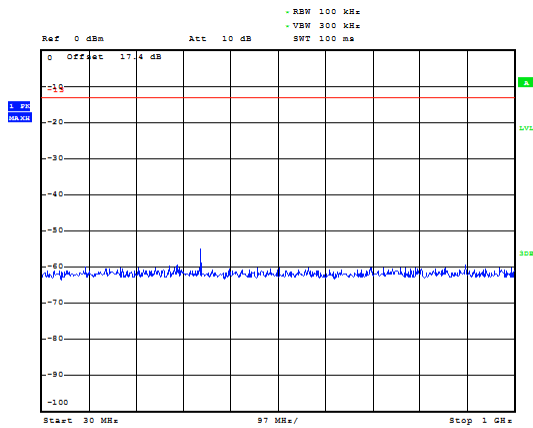
LTE Band 66 1.4MHz CH-Low 3GHz~18GHz



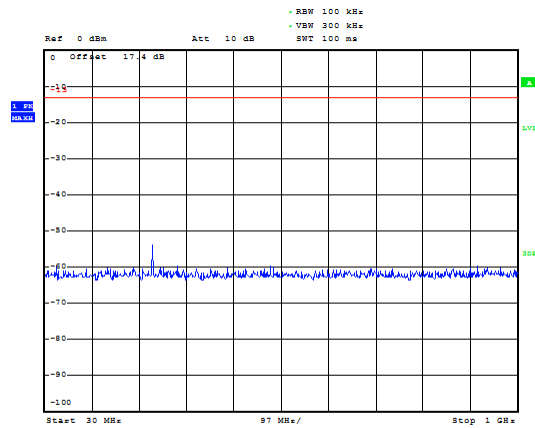
LTE Band 66 1.4MHz CH-Middle 3GHz~18GHz



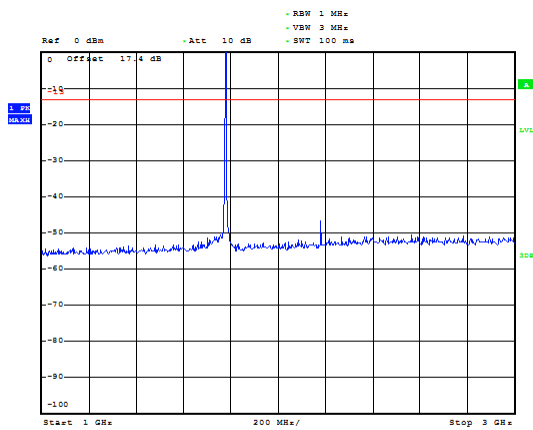
LTE Band 66 1.4MHz CH-High 30MHz~1GHz



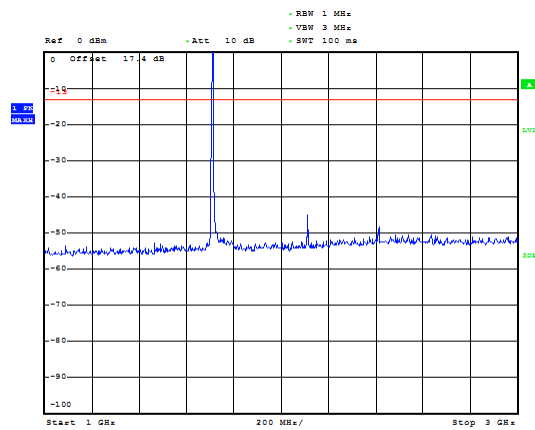
LTE Band 66 3MHz CH-Low 30MHz~1GHz



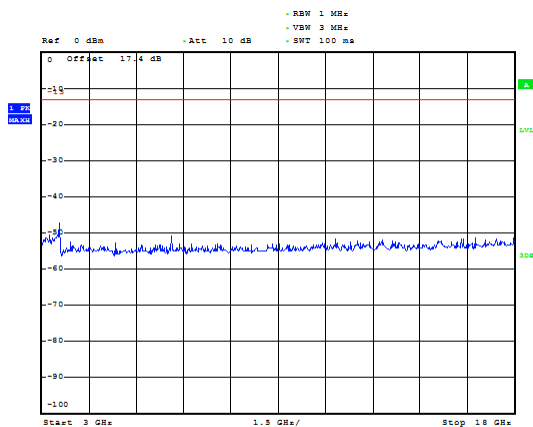
LTE Band 66 1.4MHz CH-High 1GHz~3GHz



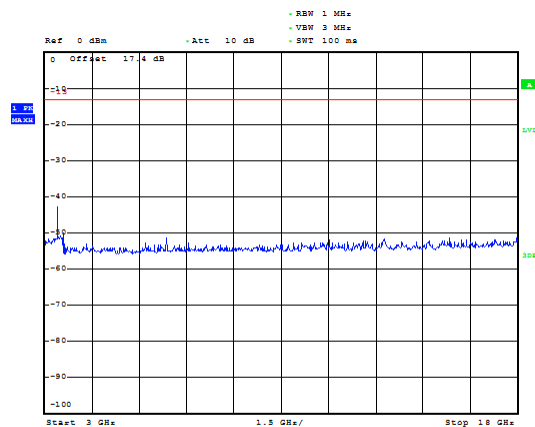
LTE Band 66 3MHz CH-Low 1GHz~3GHz



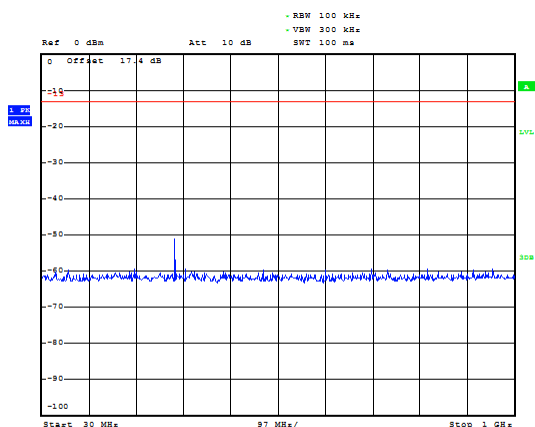
LTE Band 66 1.4MHz CH-High 3GHz~18GHz



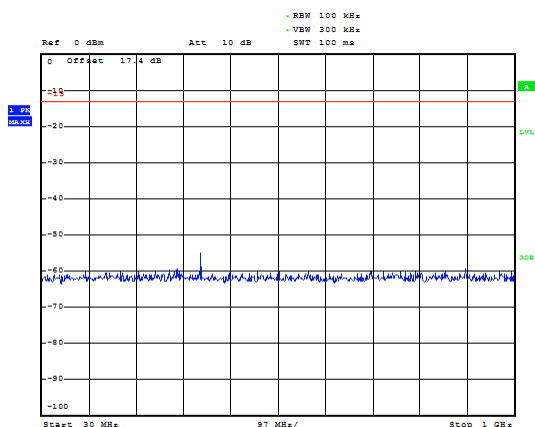
LTE Band 66 3MHz CH-Low 3GHz~18GHz



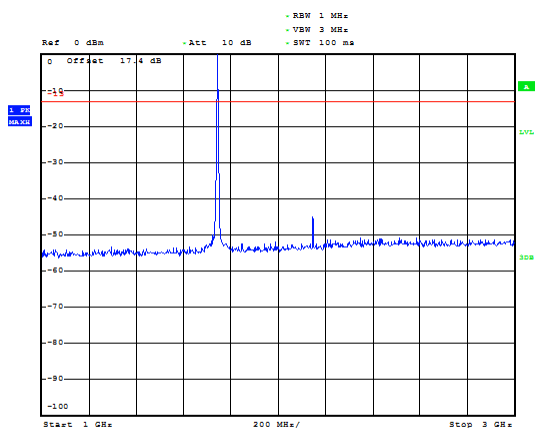
LTE Band 66 3MHz CH-Middle 30MHz~1GHz



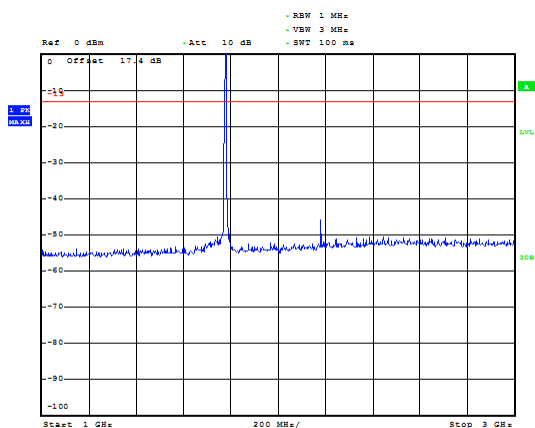
LTE Band 66 3MHz CH-High 30MHz~1GHz



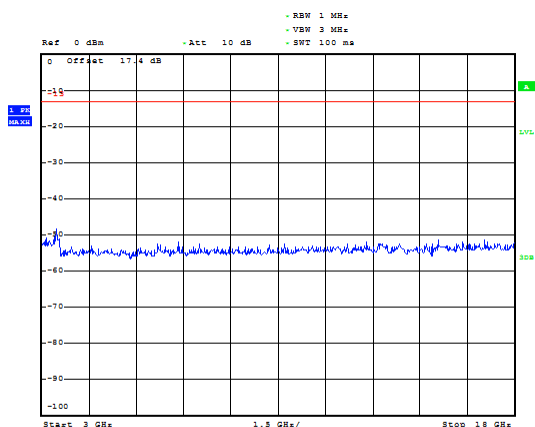
LTE Band 66 3MHz CH-Middle 1GHz~3GHz



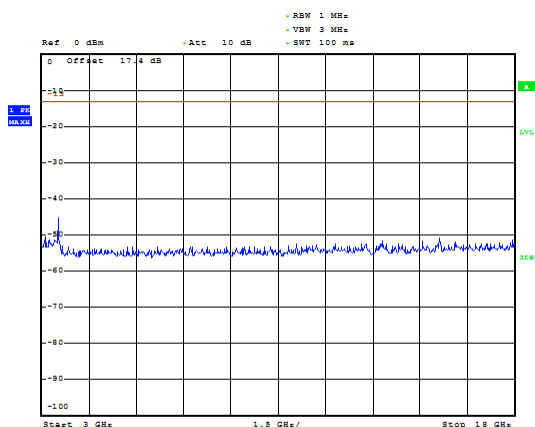
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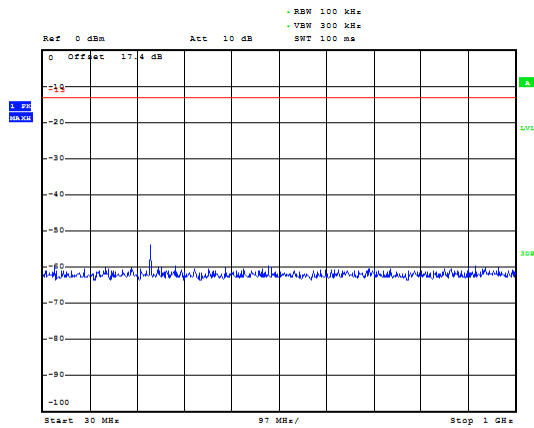
LTE Band 66 3MHz CH-Middle 3GHz~18GHz



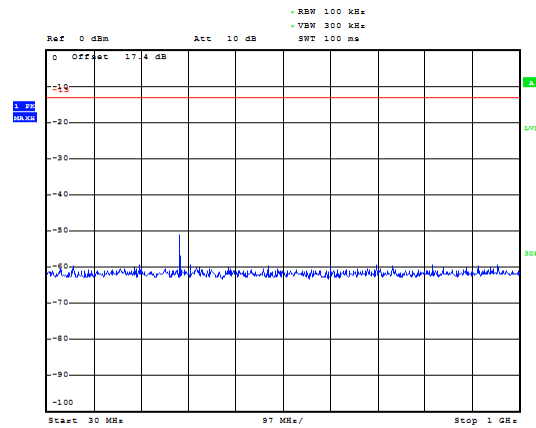
LTE Band 66 3MHz CH-High 3GHz~18GHz



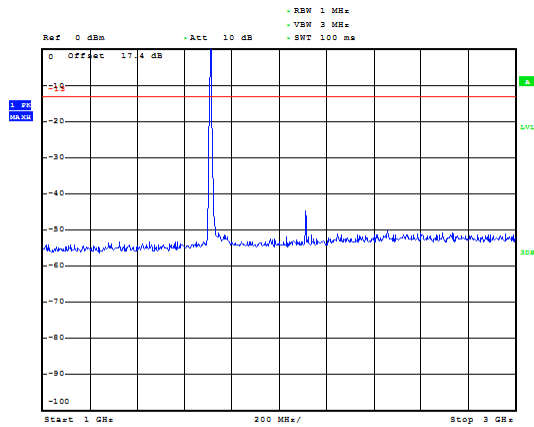
LTE Band 66 5MHz CH-Low 30MHz~1GHz



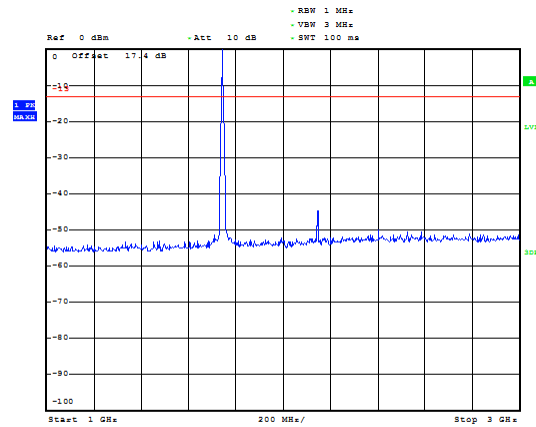
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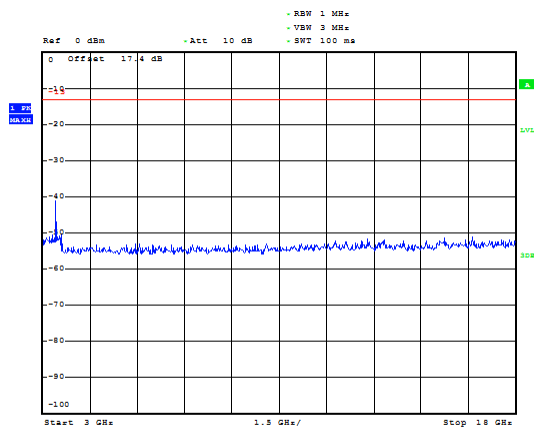
LTE Band 66 5MHz CH-Low 1GHz~3GHz



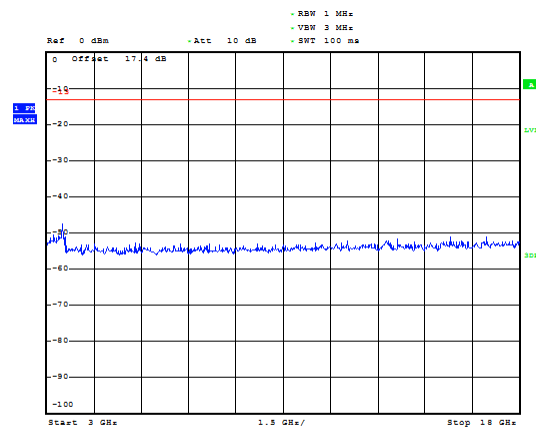
LTE Band 66 5MHz CH-Middle 1GHz~3GHz



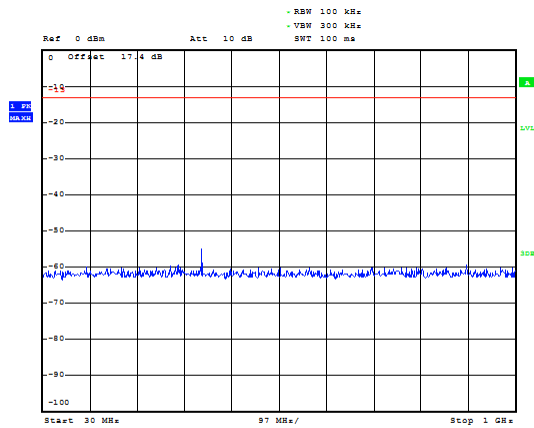
LTE Band 66 5MHz CH-Low 3GHz~18GHz



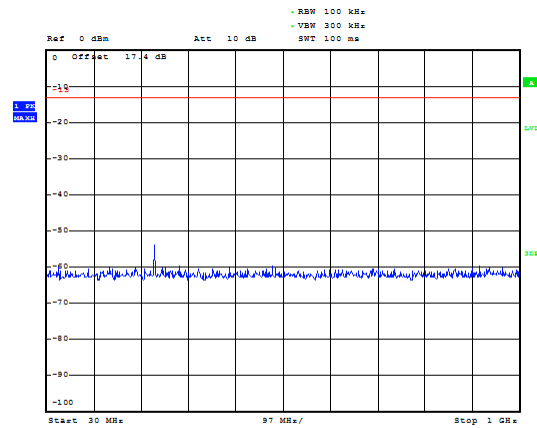
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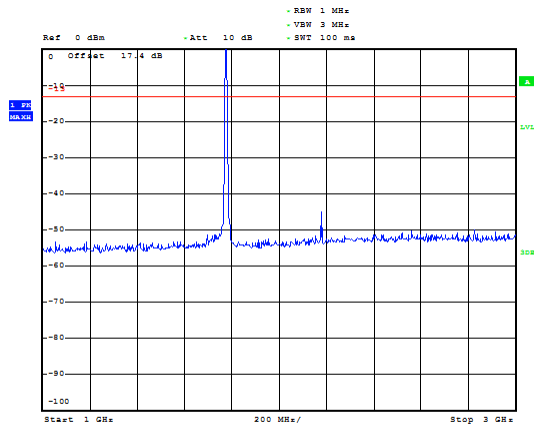
LTE Band 66 5MHz CH-High 30MHz~1GHz



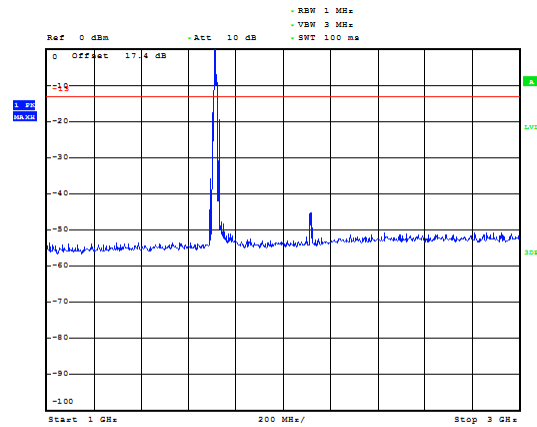
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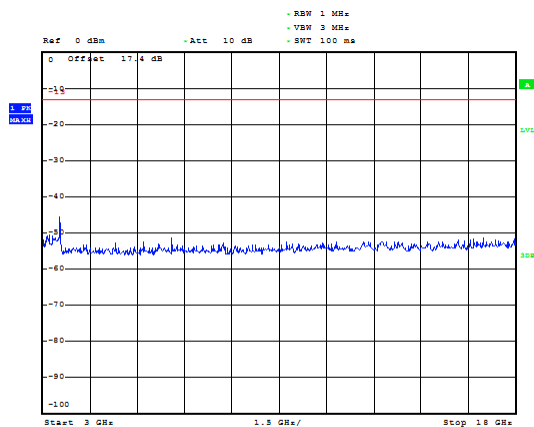
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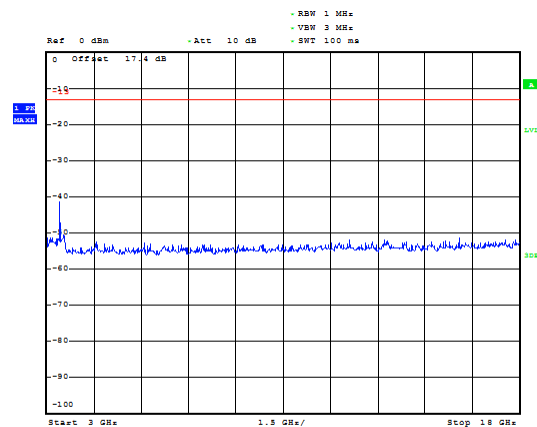
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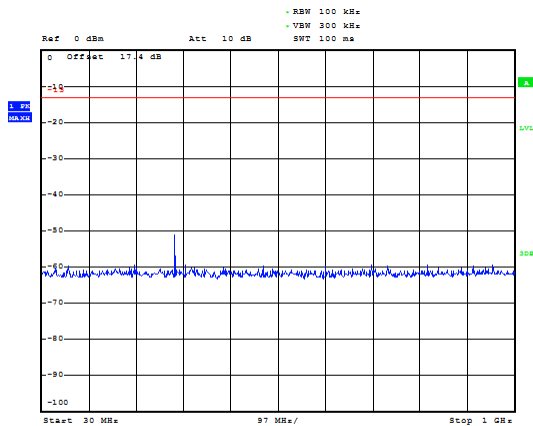
LTE Band 66 5MHz CH-High 3GHz~18GHz



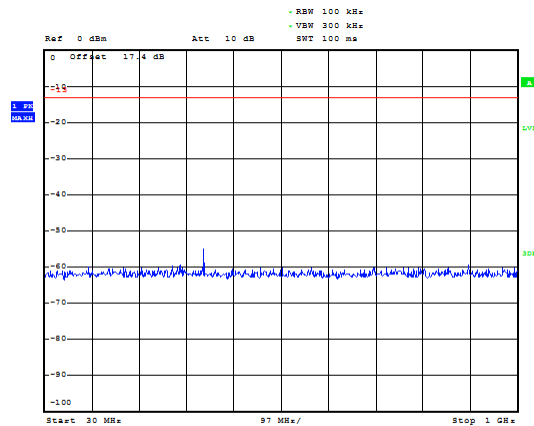
LTE Band 66 10MHz CH-Low 3GHz~18GHz



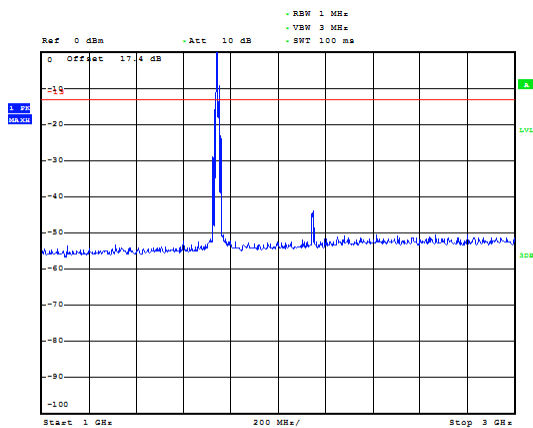
LTE Band 66 10MHz CH-Middle 30MHz~1GHz



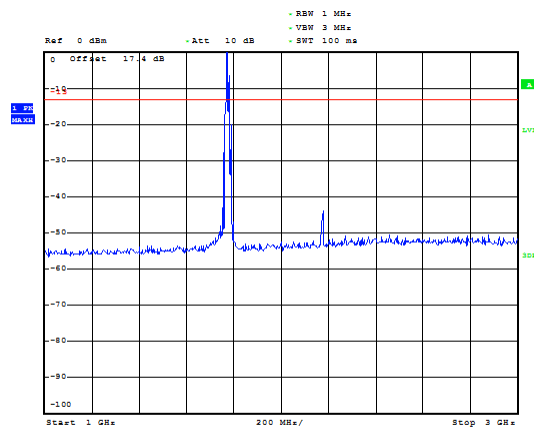
LTE Band 66 10MHz CH-High 30MHz~1GHz



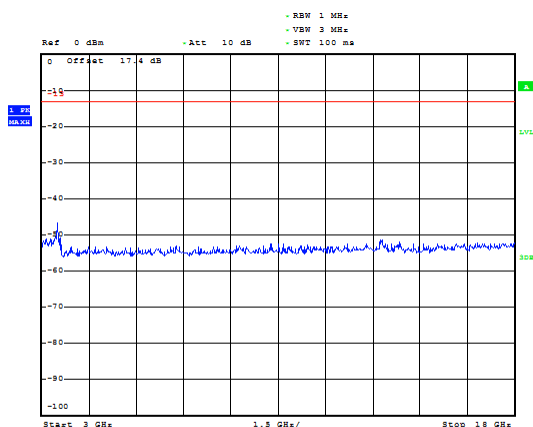
LTE Band 66 10MHz CH-Middle 1GHz~3GHz



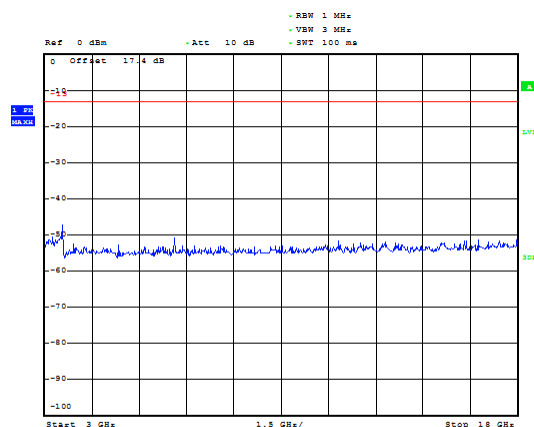
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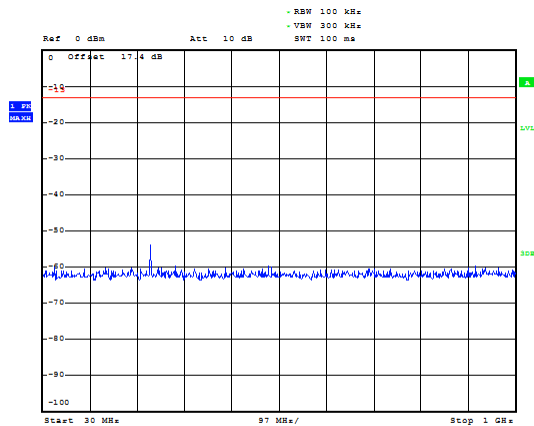
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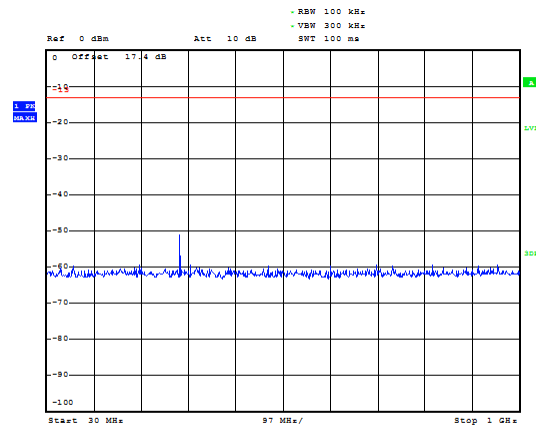
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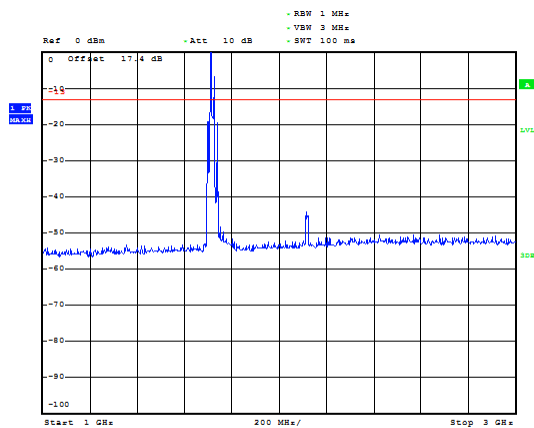
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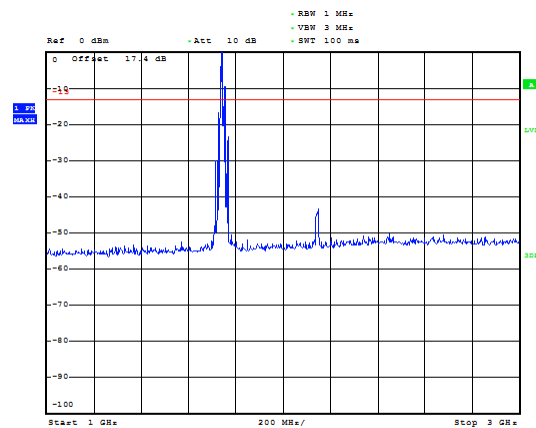
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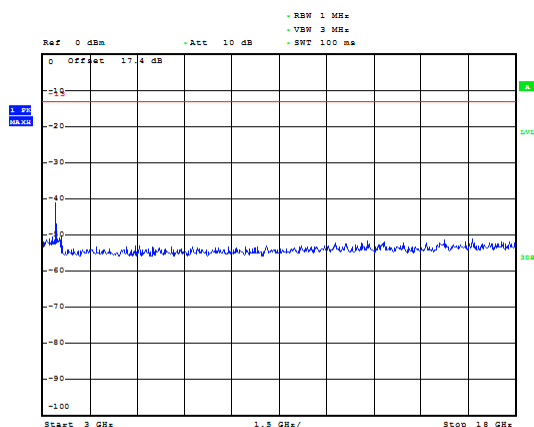
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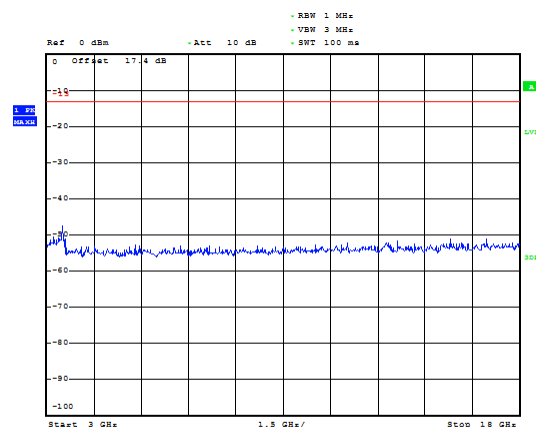
LTE Band 66 15MHz CH-Middle 1GHz~3GHz



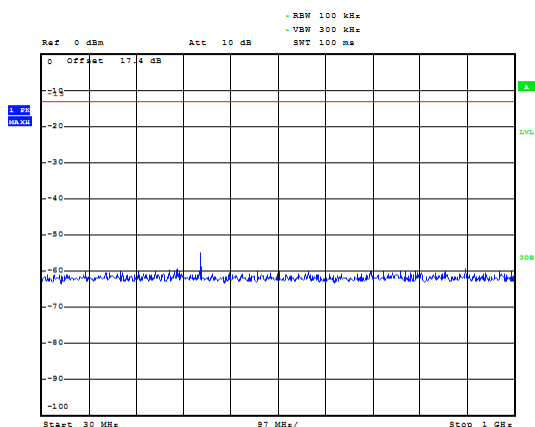
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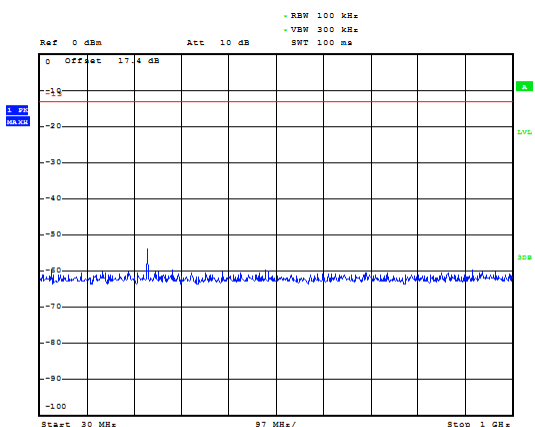
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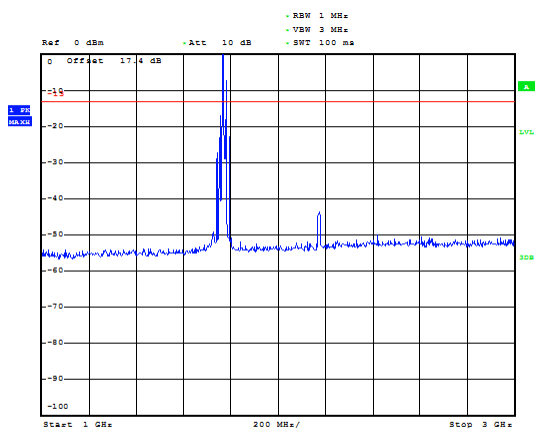
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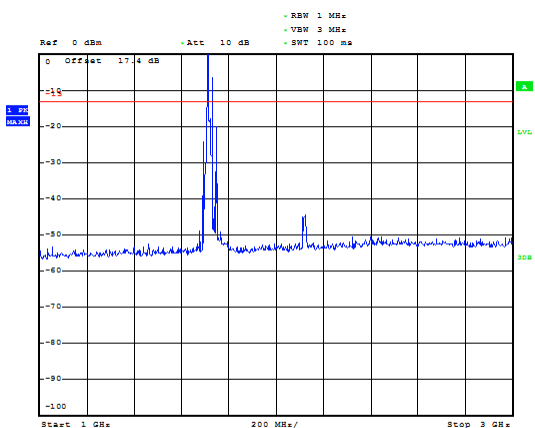
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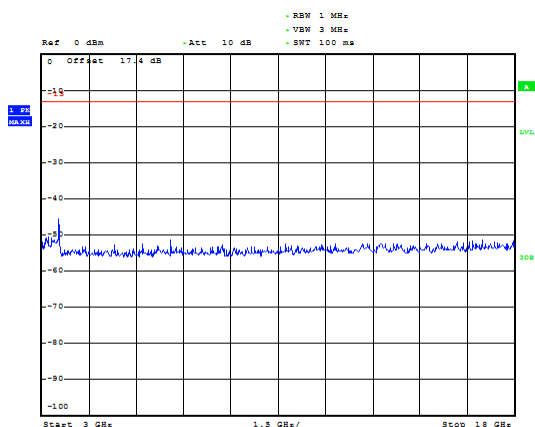
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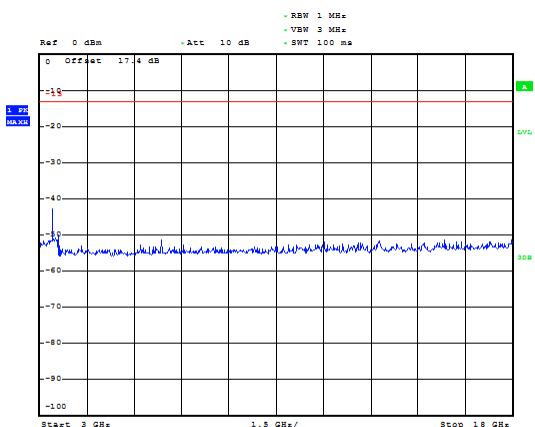
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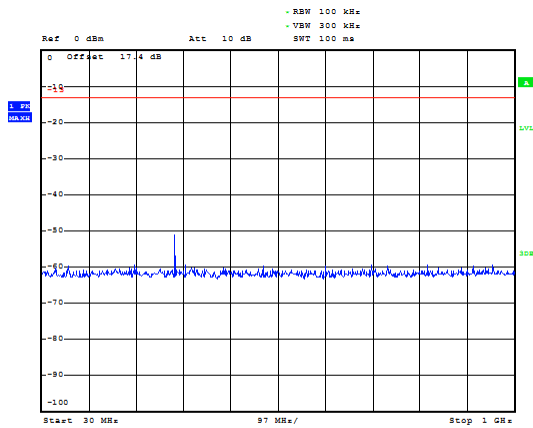
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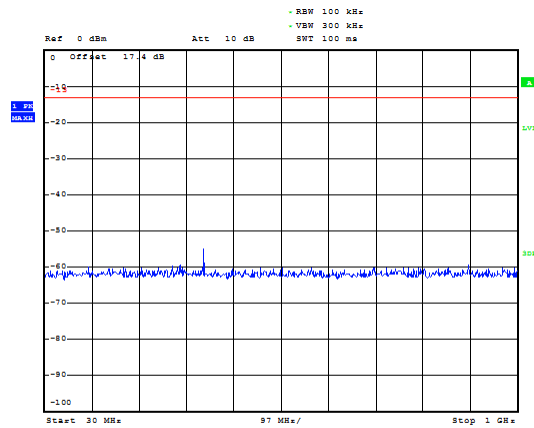
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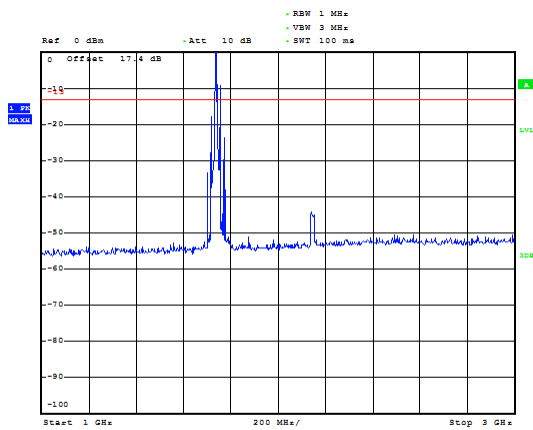
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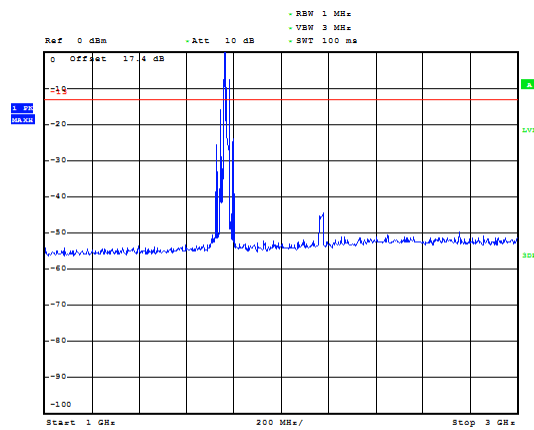
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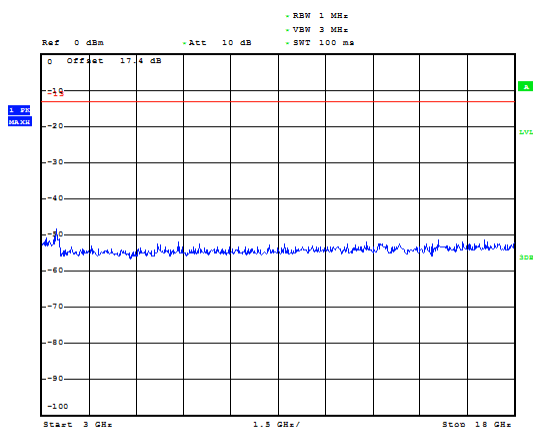
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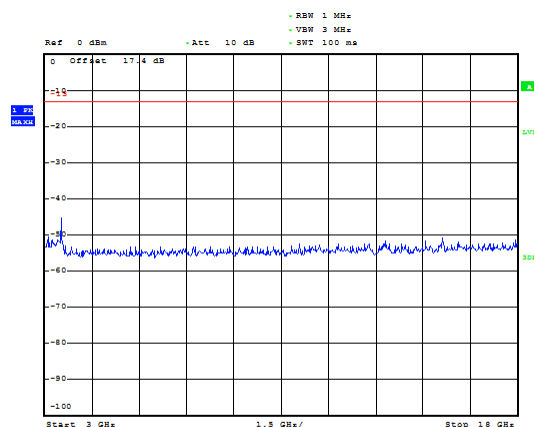
LTE Band 66 20MHz CH-High 1GHz~3GHz



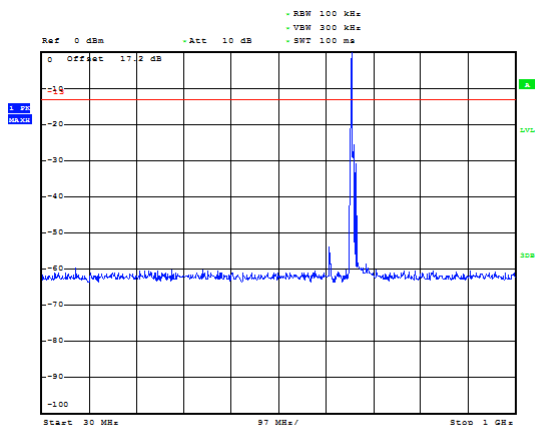
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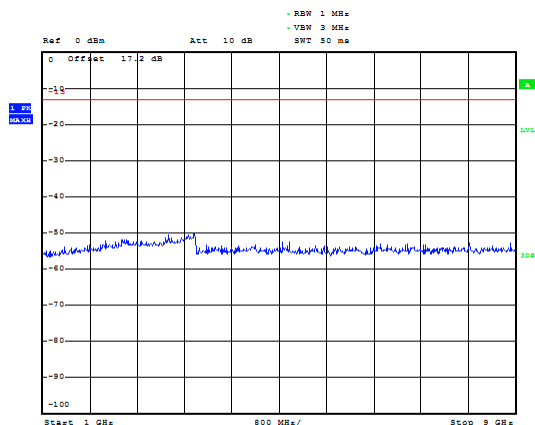
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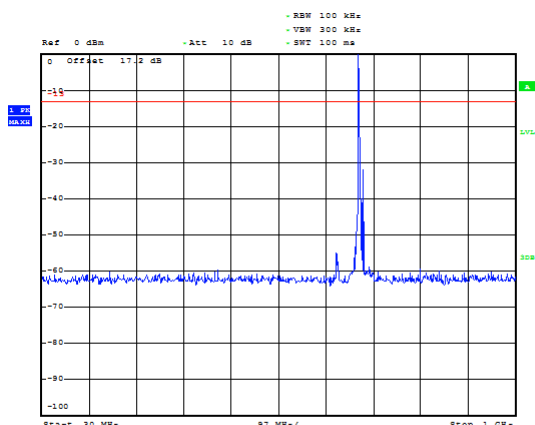
LTE Band 71 5MHz CH-Low 30MHz~1GHz



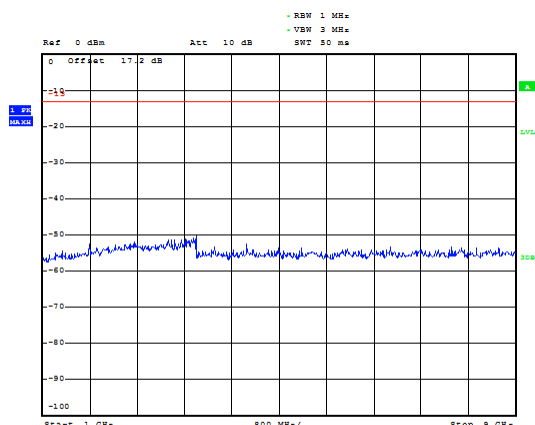
LTE Band 71 5MHz CH-Low 1GHz~9GHz



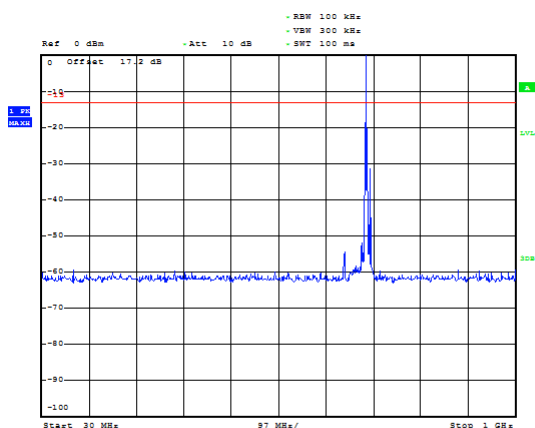
LTE Band 71 5MHz CH-Middle 30MHz~1GHz



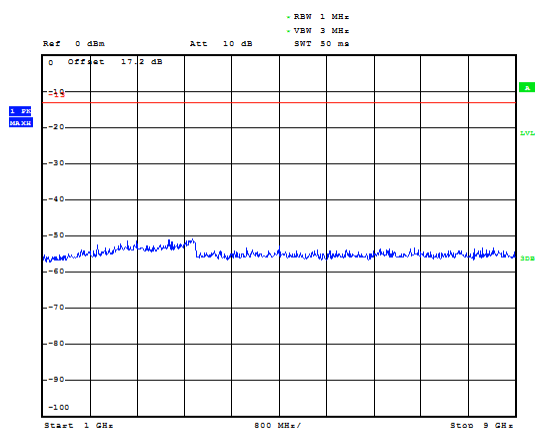
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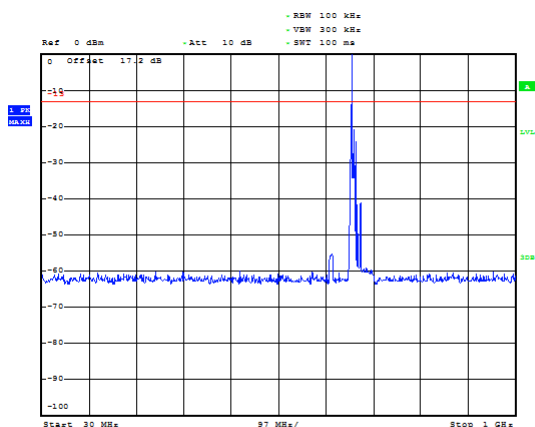
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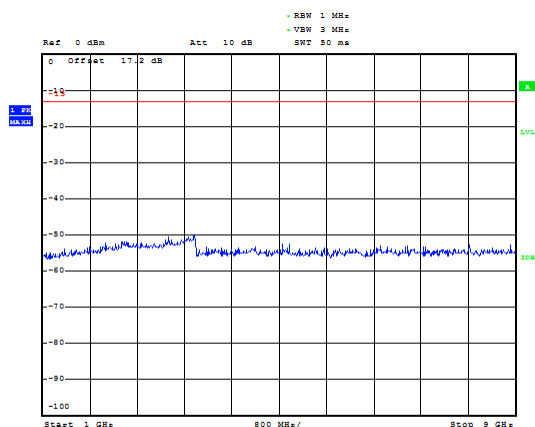
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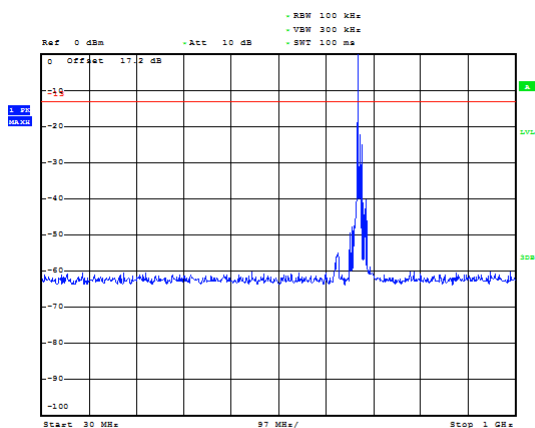
LTE Band 71 10MHz CH-Low 30MHz~1GHz



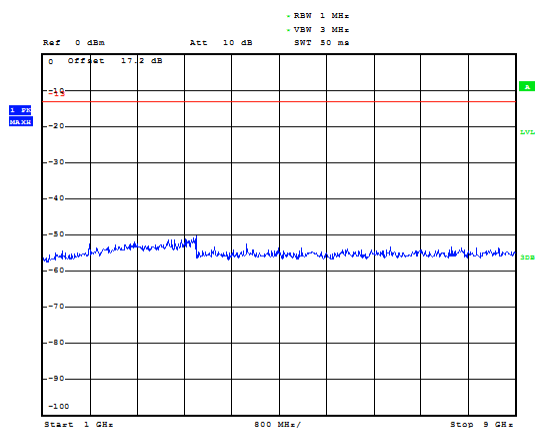
LTE Band 71 10MHz CH-Low 1GHz~9GHz



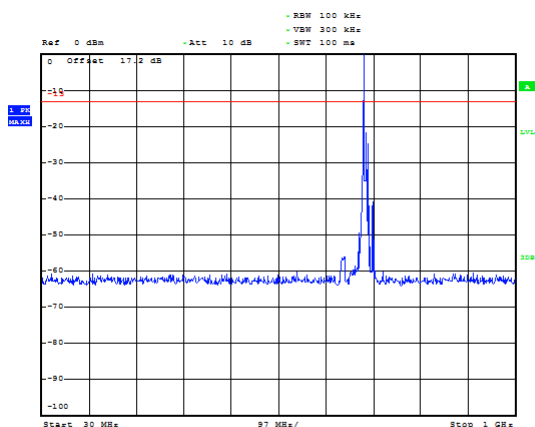
LTE Band 71 10MHz CH-Middle 30MHz~1GHz



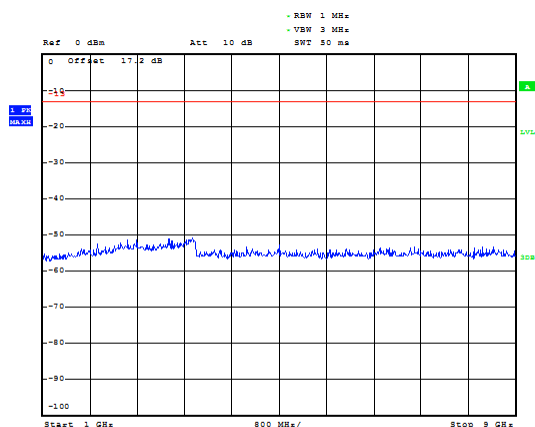
LTE Band 71 10MHz CH-Middle 1GHz~9GHz



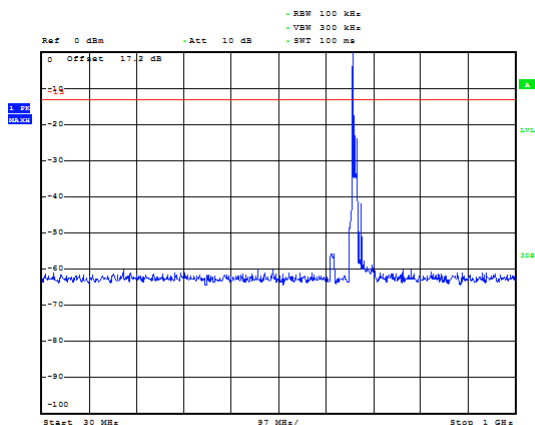
LTE Band 71 10MHz CH-High 30MHz~1GHz



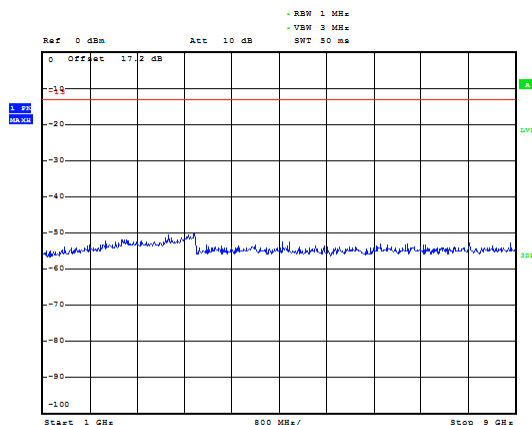
LTE Band 71 10MHz CH-High 1GHz~9GHz



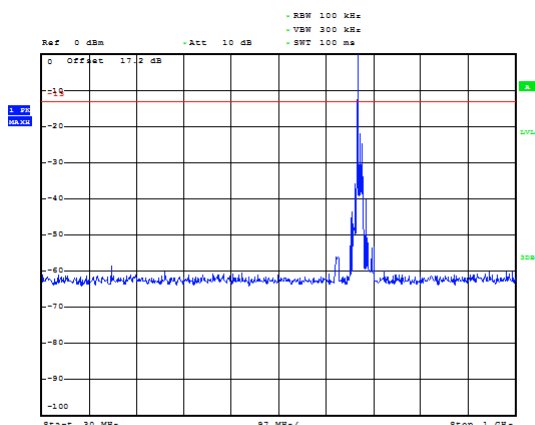
LTE Band 71 15MHz CH-Low 30MHz~1GHz



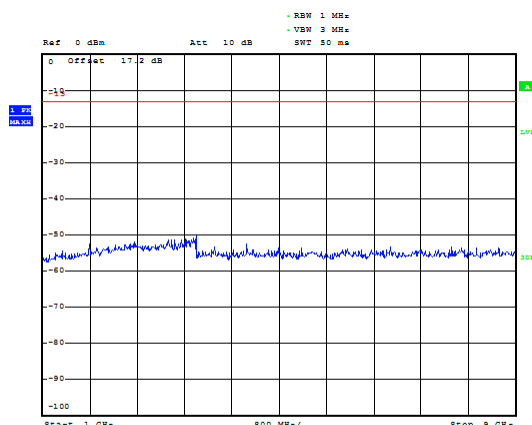
LTE Band 71 15MHz CH-Low 1GHz~9GHz



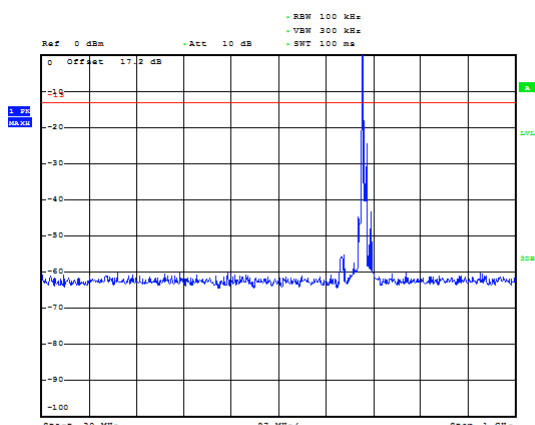
LTE Band 71 15MHz CH-Middle 30MHz~1GHz



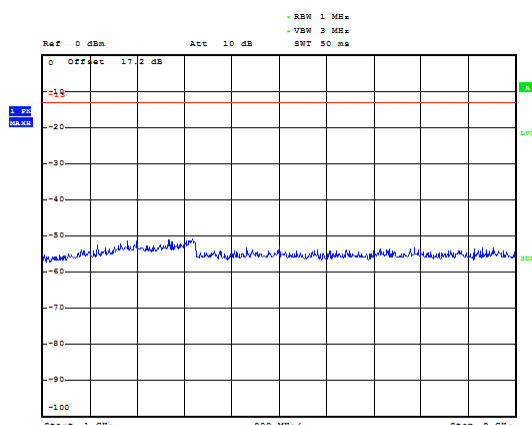
LTE Band 71 15MHz CH-Middle 1GHz~9GHz



LTE Band 71 15MHz CH-High 30MHz~1GHz

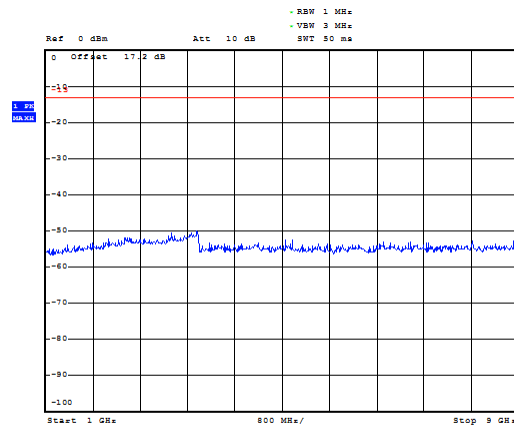
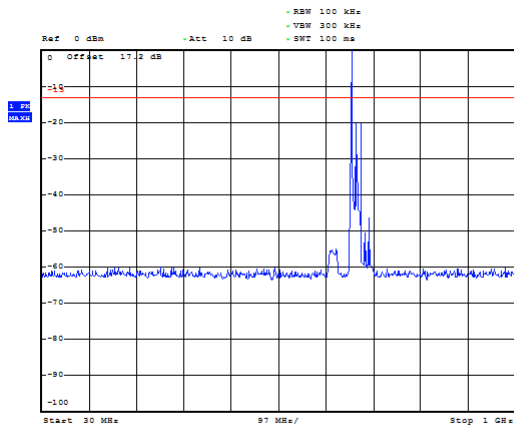


LTE Band 71 15MHz CH-High 1GHz~9GHz



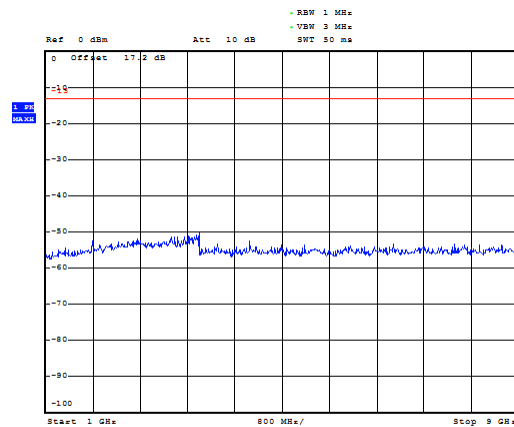
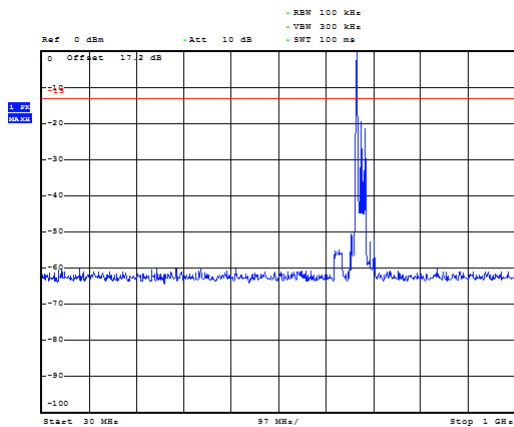
LTE Band 71 20MHz CH-Low 30MHz~1GHz

LTE Band 71 20MHz CH-Low 1GHz~9GHz



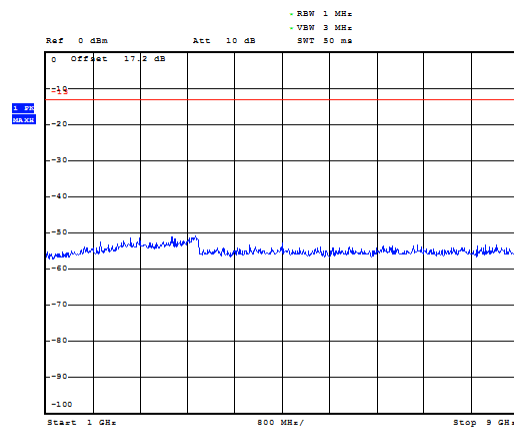
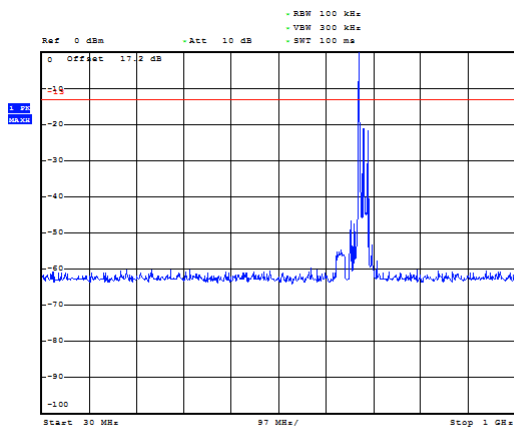
LTE Band 71 20MHz CH-Middle 30MHz~1GHz

LTE Band 71 20MHz CH-Middle 1GHz~9GHz



LTE Band 71 20MHz CH-High 30MHz~1GHz

LTE Band 71 20MHz CH-High 1GHz~9GHz



6.7 Radiated Spurious Emission

Sweep the whole frequency band through the range from 30MHz to the 10th harmonic of the carrier, the emissions below the noise floor will not be recorded in the report.

WCDMA Band IV CH-Middle

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3465.2	-58.16	2.6	10.75	Horizontal	-50.01	-13.00	37.01	90
3	5197.8	-62.42	2.4	11.05	Horizontal	-53.77	-13.00	40.77	135
4	6930.4	-52.92	4.5	11.15	Horizontal	-46.27	-13.00	33.27	45
5	8663.0	-55.39	5.1	11.35	Horizontal	-49.14	-13.00	36.14	0
6	10395.6	-55.25	5.3	11.95	Horizontal	-48.60	-13.00	35.60	225
7	12128.2	-54.80	5.5	13.55	Horizontal	-46.75	-13.00	33.75	270
8	13860.8	-52.18	6.3	13.75	Horizontal	-44.73	-13.00	31.73	180
9	15593.4	-53.33	6.7	13.85	Horizontal	-46.18	-13.00	33.18	225
10	17326.0	-51.33	6.8	14.25	Horizontal	-43.88	-13.00	30.88	315

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

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

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.5	-54.46	2.6	10.75	Horizontal	-46.31	-13.00	33.31	90
3	5191.5	-59.67	2.4	11.05	Horizontal	-51.02	-13.00	38.02	315
4	6930.0	-45.66	4.5	11.15	Horizontal	-39.01	-13.00	26.01	225
5	8662.5	-56.26	5.1	11.35	Horizontal	-50.01	-13.00	37.01	270
6	10395.0	-55.48	5.3	11.95	Horizontal	-48.83	-13.00	35.83	90
7	12127.5	-53.74	5.5	13.55	Horizontal	-45.69	-13.00	32.69	135
8	13860.0	-52.20	6.3	13.75	Horizontal	-44.75	-13.00	31.75	45
9	15592.5	-53.93	6.7	13.85	Horizontal	-46.78	-13.00	33.78	45
10	17325.0	-47.52	6.8	14.25	Horizontal	-40.07	-13.00	27.07	0

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2. The worst emission was found in the antenna is Horizontal position.

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

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1415.0	-67.96	2.00	10.75	Horizontal	-61.36	-13.00	48.36	180
3	2122.5	-56.18	2.51	11.05	Horizontal	-49.79	-13.00	36.79	225
4	2830.0	-57.29	4.20	11.15	Horizontal	-52.49	-13.00	39.49	315
5	3537.5	-52.01	5.20	11.15	Horizontal	-48.21	-13.00	35.21	135
6	4245.0	-53.13	5.50	11.95	Horizontal	-48.83	-13.00	35.83	0
7	4952.5	-61.19	5.70	13.55	Horizontal	-55.49	-13.00	42.49	45
8	5660.0	-60.70	6.30	13.75	Horizontal	-55.40	-13.00	42.40	315
9	6367.5	-56.87	6.80	13.85	Horizontal	-51.97	-13.00	38.97	180
10	7075.0	-55.40	6.90	14.25	Horizontal	-50.20	-13.00	37.20	135
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 13 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1564.0	-65.63	2.00	10.75	Horizontal	-59.03	-40.00	19.03	135
3	2346.0	-53.93	2.51	11.05	Horizontal	-47.54	-13.00	34.54	45
4	3128.0	-61.26	4.20	11.15	Horizontal	-56.46	-13.00	43.46	90
5	3910.0	-60.06	5.20	11.15	Horizontal	-56.26	-13.00	43.26	135
6	4692.0	-59.82	5.50	11.95	Horizontal	-55.52	-13.00	42.52	180
7	5474.0	-61.02	5.70	13.55	Horizontal	-55.32	-13.00	42.32	225
8	6256.0	-59.25	6.30	13.75	Horizontal	-53.95	-13.00	40.95	315
9	7038.0	-54.98	6.80	13.85	Horizontal	-50.08	-13.00	37.08	270
10	7820.0	-54.13	6.90	14.25	Horizontal	-48.93	-13.00	35.93	135
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

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

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	EIRP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	3460.5	-60.24	2.6	10.75	Horizontal	-52.09	-13.00	39.09	180
3	5191.5	-63.42	2.4	11.05	Horizontal	-54.77	-13.00	41.77	135
4	6930	-50.34	4.5	11.15	Horizontal	-43.69	-13.00	30.69	90
5	8662.5	-56.33	5.1	11.35	Horizontal	-50.08	-13.00	37.08	45
6	10395	-51.45	5.3	11.95	Horizontal	-44.80	-13.00	31.80	315
7	12127.5	-54.58	5.5	13.55	Horizontal	-46.53	-13.00	33.53	270
8	13860	-52.05	6.3	13.75	Horizontal	-44.60	-13.00	31.60	90
9	15592.5	-54.03	6.7	13.85	Horizontal	-46.88	-13.00	33.88	135
10	17325	-50.05	6.8	14.25	Horizontal	-42.60	-13.00	29.60	0
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

LTE Band 71 QPSK 5MHz CH-Middle, RB 1

Harmonic	Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1361.0	-54.15	2.00	10.75	Horizontal	-47.55	-13.00	34.55	135
3	2041.5	-58.83	2.51	11.05	Horizontal	-52.44	-13.00	39.44	315
4	2722.0	-63.26	4.20	11.15	Horizontal	-58.46	-13.00	45.46	90
5	3402.5	-61.26	5.20	11.15	Horizontal	-57.46	-13.00	44.46	90
6	4083.0	-60.82	5.50	11.95	Horizontal	-56.52	-13.00	43.52	135
7	4763.5	-61.24	5.70	13.55	Horizontal	-55.54	-13.00	42.54	45
8	5444.0	-59.56	6.30	13.75	Horizontal	-54.26	-13.00	41.26	225
9	6124.5	-59.62	6.80	13.85	Horizontal	-54.72	-13.00	41.72	315
10	6805.0	-58.23	6.90	14.25	Horizontal	-53.03	-13.00	40.03	90
Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor. 2. The worst emission was found in the antenna is Horizontal position.									

7 Main Test Instruments

Date of Testing: June 29, 2018~ July 16, 2018 and July 30, 2018~ July 31, 2018 and August 3, 2019~ August 13, 2019

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Base Station Simulator	R&S	CMU200	118133	2019-05-19	2020-05-18
Base Station Simulator	R&S	CMW500	113824	2019-05-19	2020-05-18
Power Splitter	Hua Xiang	SHX-GF2-2-13	10120101	/	/
Spectrum Analyzer	Key sight	N9010A	MY50210259	2019-05-19	2020-05-18
Universal Radio Communication Tester	Key sight	E5515C	MY48367192	2019-05-19	2020-05-18
Signal Analyzer	R&S	FSV30	100815	2018-12-16	2019-12-15
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2017-09-26	2019-09-25
Trilog Antenna	SCHWARZBECK	VUBL 9163	9163-201	2017-11-18	2019-11-17
Horn Antenna	R&S	HF907	100126	2018-07-07	2020-07-06
Signal generator	R&S	SMB 100A	102594	2019-05-19	2020-05-18
Climatic Chamber	ESPEC	SU-242	93000506	2017-12-17	2020-12-16
Preamplifier	R&S	SCU18	102327	2019-05-19	2020-05-18
MOB COMMS DC SUPPLY	Keysight	66319D	MY43004105	2019-05-19	2020-05-18
RF Cable	Agilent	SMA 15cm	0001	2019-06-14	2019-09-13
Software	R&S	EMC32	9.26.0	/	/

Date of Testing: September 3, 2025 ~ September 18, 2025

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Wireless Communication Tester	Anritsu	MT8821C	6201538758	2025-05-06	2026-05-05
Climate Chamber	WEISS	VT 4002	58226119450 010	2025-05-06	2026-05-05
Spectrum Analyzer	Keysight	N9020A	MY52330084	2025-05-06	2026-05-05
DC Power Supply	UNI-T	UTP1310+	C220795889	2025-05-06	2026-05-05

8 The EUT Appearance

Refer to *EUT Appearance*.

9 Test Setup Photos

Refer to *Part 27 Test Setup*.

10 Product Change Description

The Product Change Description are submitted separately.

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