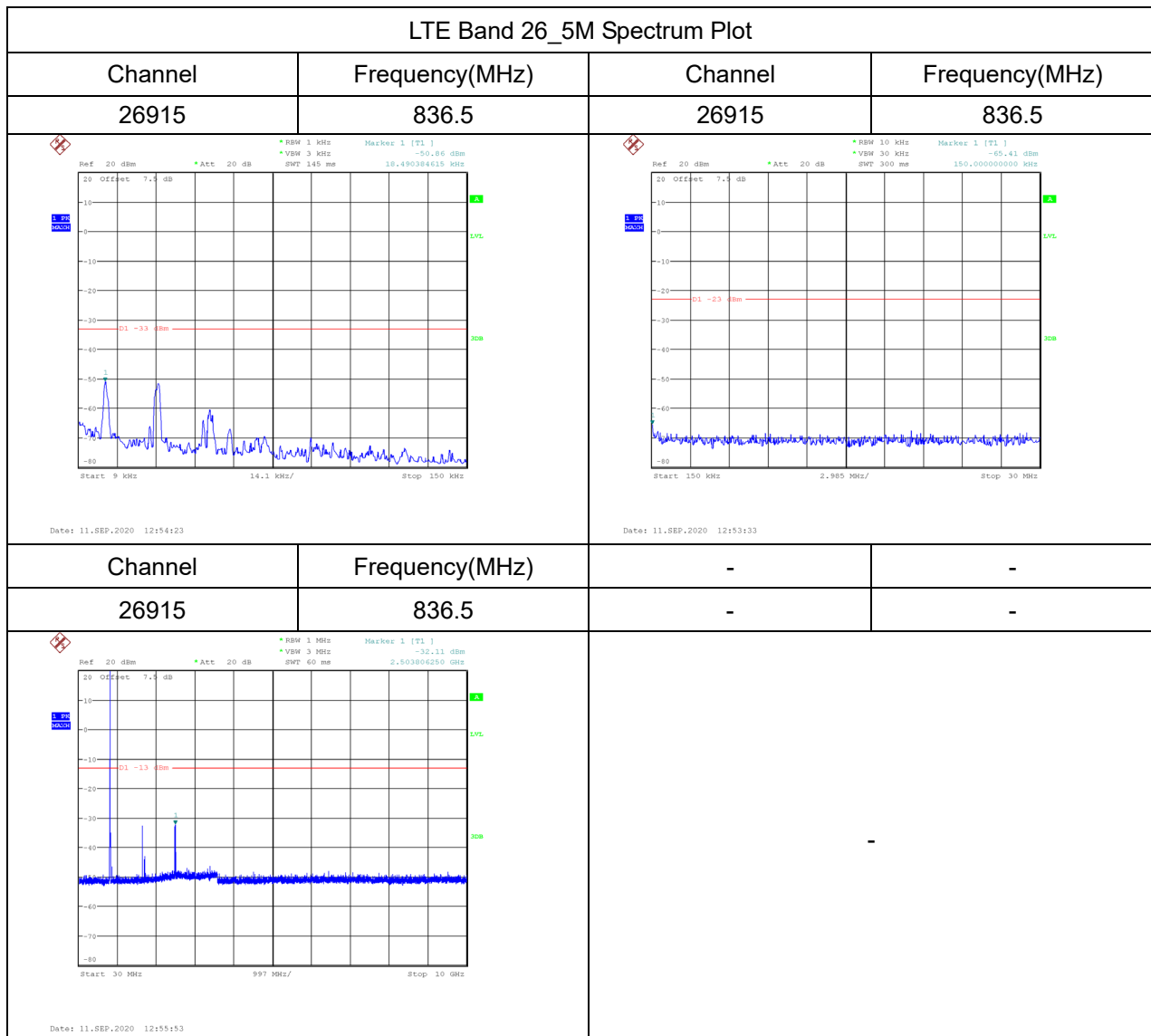
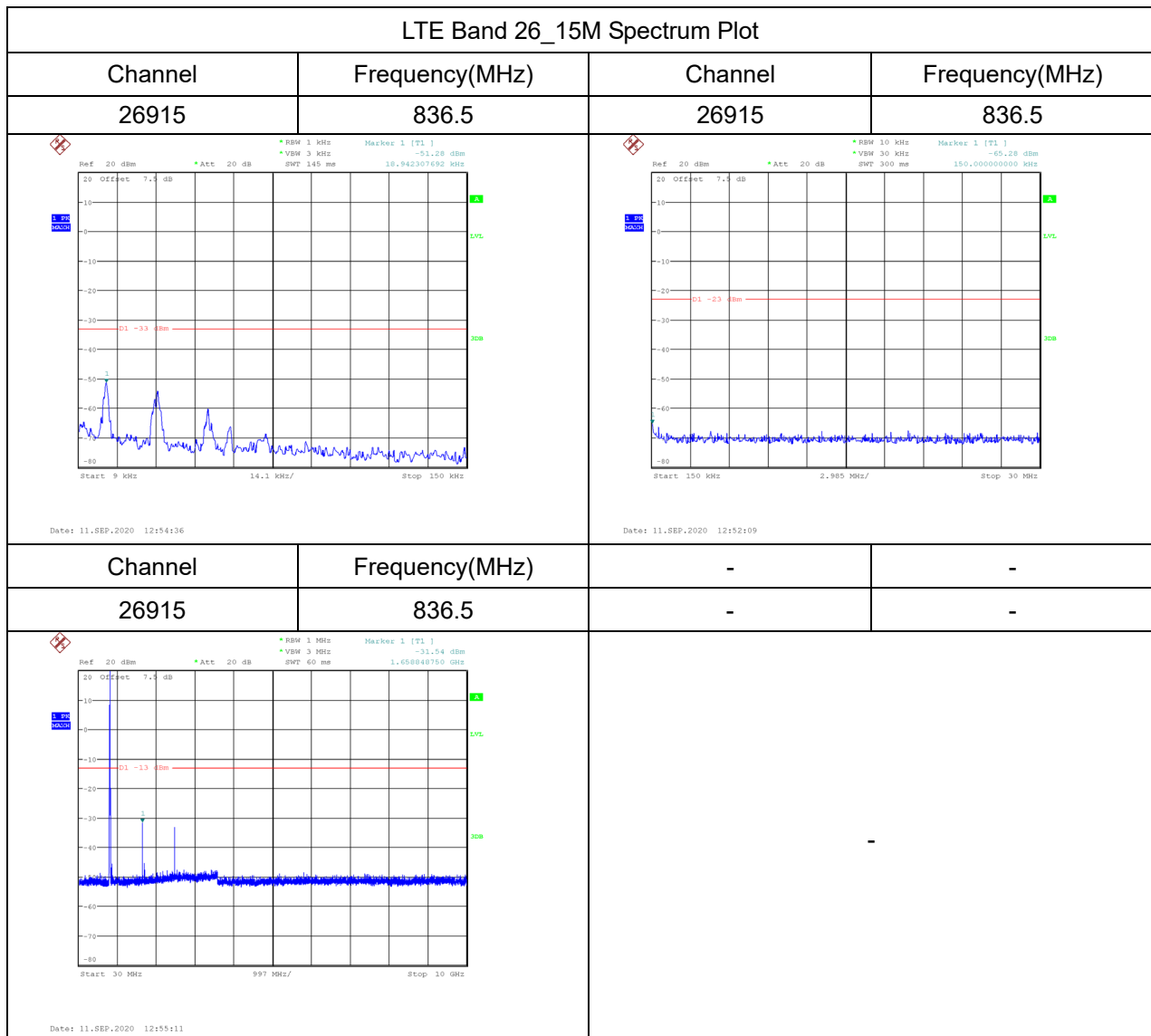


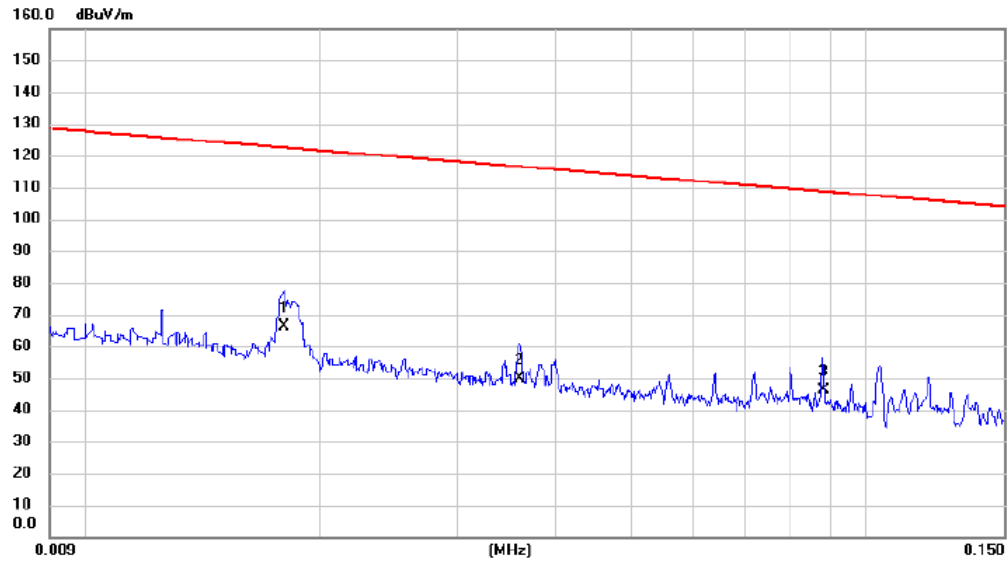




APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode	TX Mode
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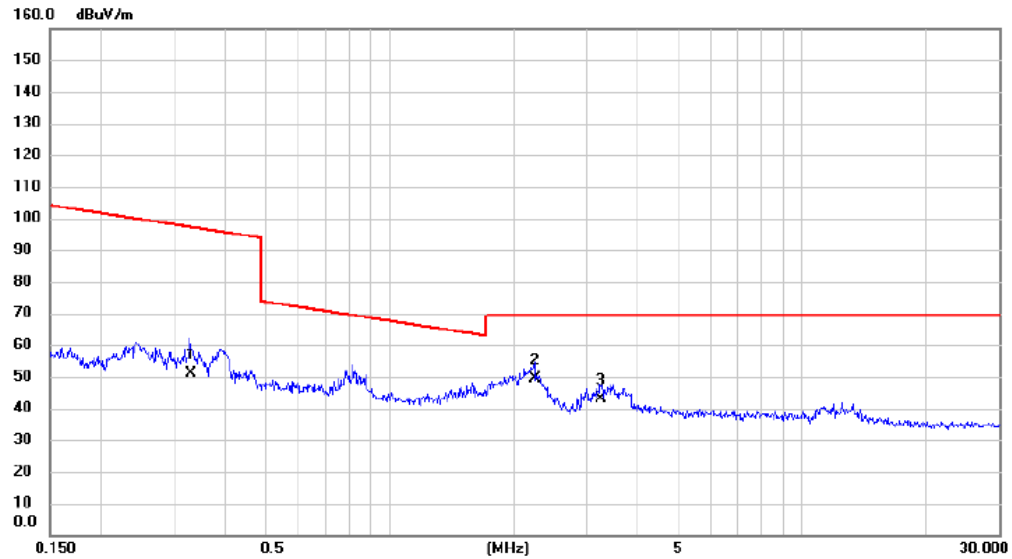
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0180	52.46	13.84	66.30	122.50	-56.20	AVG	
2		0.0360	37.15	12.79	49.94	116.48	-66.54	AVG	
3		0.0881	33.65	12.65	46.30	108.71	-62.41	AVG	

Test Mode	TX Mode
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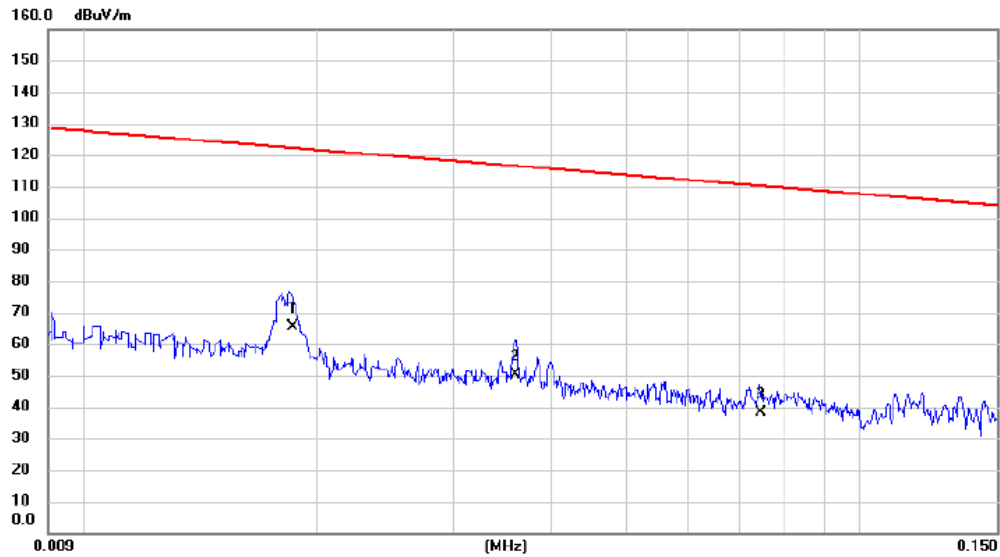
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3286	38.58	12.44	51.02	97.27	-46.25	AVG	
2	*	2.2486	38.15	11.18	49.33	69.54	-20.21	QP	
3		3.2411	32.35	10.84	43.19	69.54	-26.35	QP	

Test Mode	TX Mode
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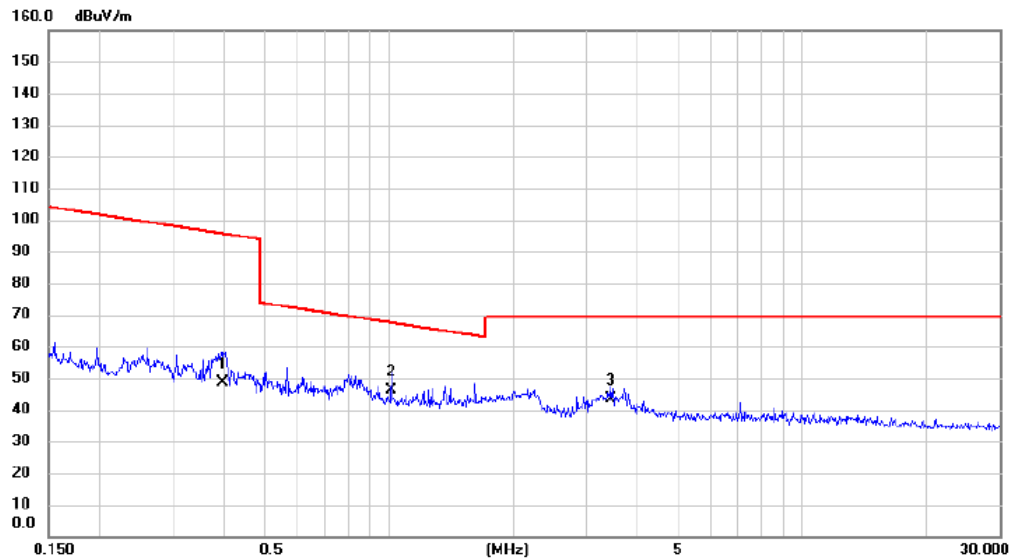
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0186	51.68	13.65	65.33	122.21	-56.88	AVG	
2		0.0360	37.58	12.79	50.37	116.48	-66.11	AVG	
3		0.0744	25.77	12.57	38.34	110.17	-71.83	AVG	

Test Mode	TX Mode
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Ant 90°

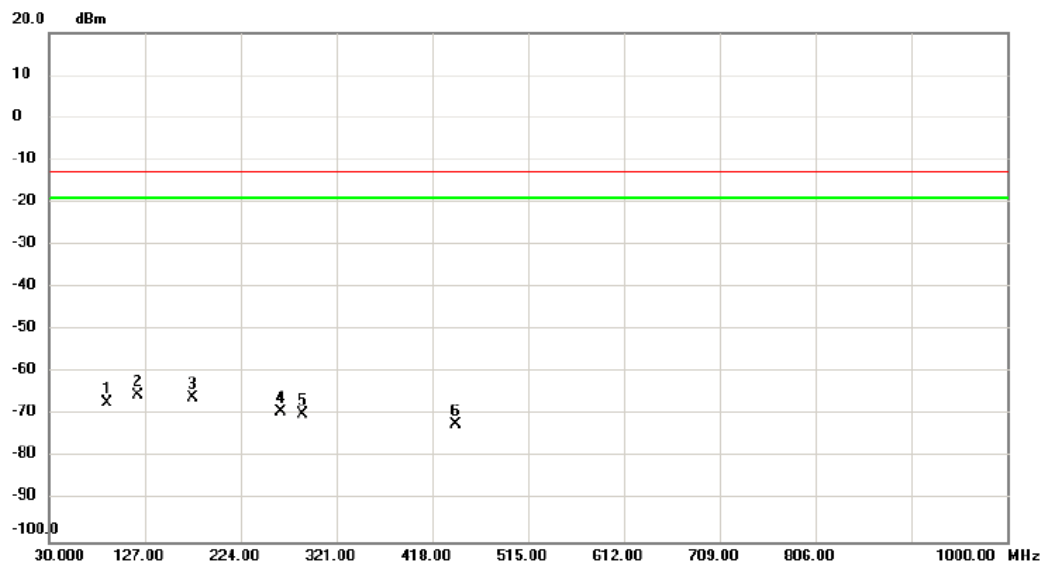


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3955	36.53	12.27	48.80	95.66	-46.86	AVG	
2	*	1.0157	34.25	11.79	46.04	67.47	-21.43	QP	
3		3.4538	32.53	10.87	43.40	69.54	-26.14	QP	

APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode GSM850_TX CH190_GSM_Main Antenna

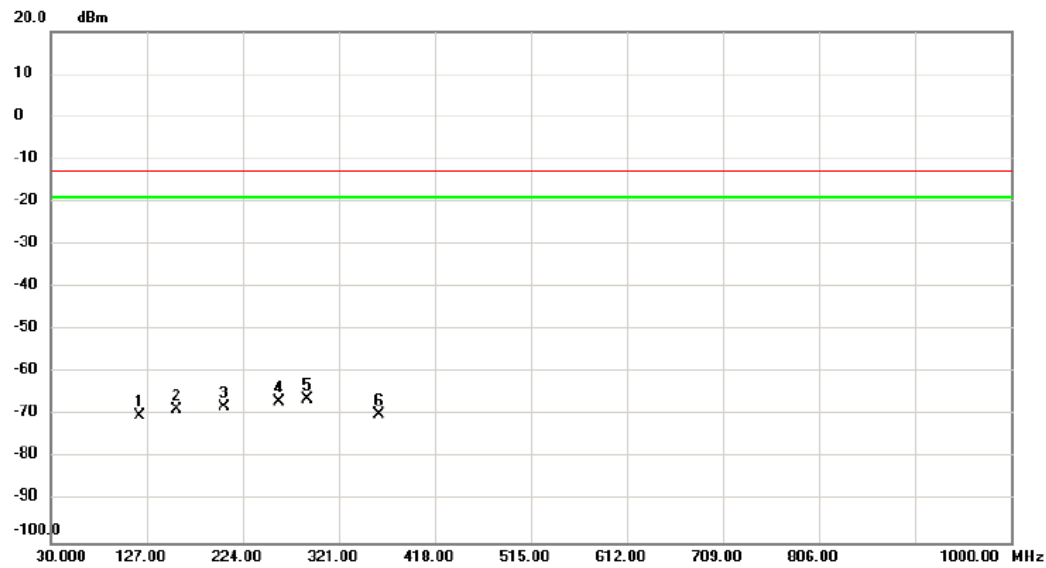
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		88.685	-51.10	-15.99	-67.09	-13.00	-54.09	peak	
2	*	119.725	-52.56	-12.78	-65.34	-13.00	-52.34	peak	
3		175.500	-53.57	-12.47	-66.04	-13.00	-53.04	peak	
4		264.740	-56.86	-12.43	-69.29	-13.00	-56.29	peak	
5		287.050	-58.07	-11.68	-69.75	-13.00	-56.75	peak	
6		441.280	-64.32	-7.87	-72.19	-13.00	-59.19	peak	

Test Mode GSM850_ TX CH190_GSM_Main Antenna

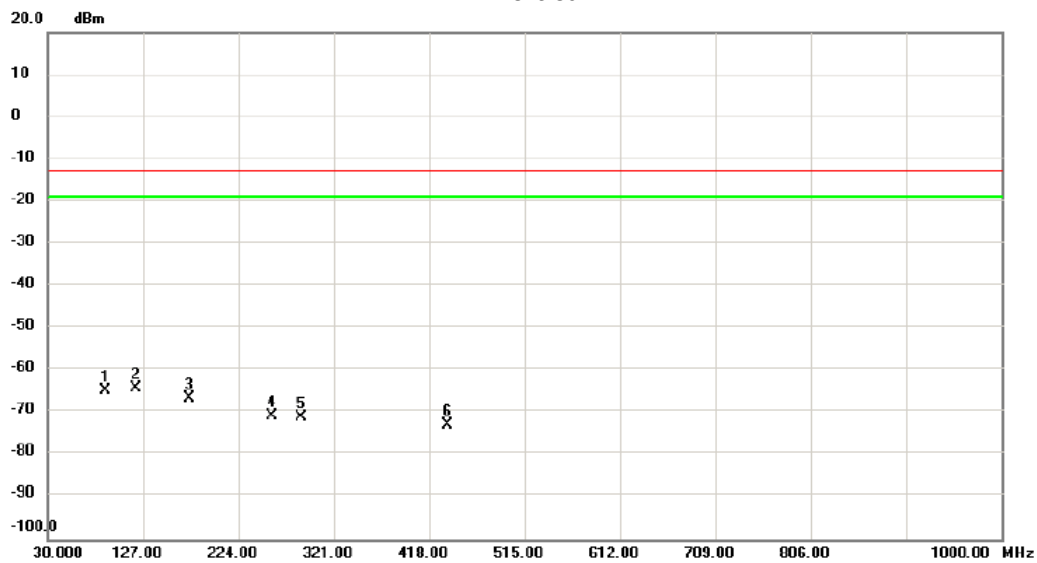
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		119.240	-57.15	-12.85	-70.00	-13.00	-57.00	peak	
2		157.555	-57.78	-10.98	-68.76	-13.00	-55.76	peak	
3		205.085	-52.93	-15.01	-67.94	-13.00	-54.94	peak	
4		260.860	-54.55	-12.26	-66.81	-13.00	-53.81	peak	
5	*	289.475	-54.79	-11.51	-66.30	-13.00	-53.30	peak	
6		361.255	-60.05	-9.93	-69.98	-13.00	-56.98	peak	

Test Mode GSM850_TX CH190_GSM_Second Antenna

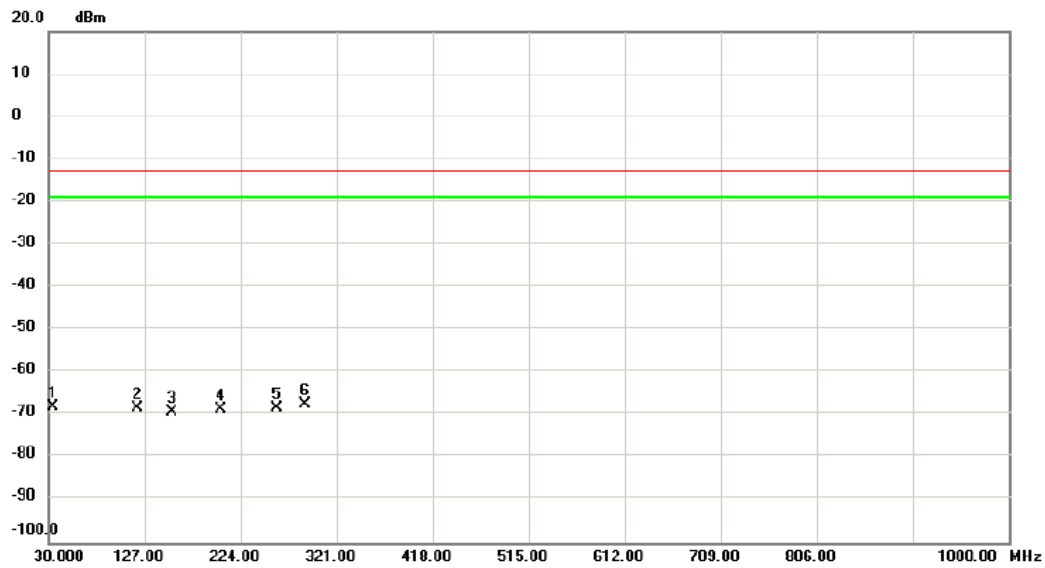
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		88.200	-48.80	-16.09	-64.89	-13.00	-51.89	peak	
2	*	120.210	-51.56	-12.74	-64.30	-13.00	-51.30	peak	
3		174.530	-54.20	-12.40	-66.60	-13.00	-53.60	peak	
4		257.950	-58.37	-12.45	-70.82	-13.00	-57.82	peak	
5		288.505	-59.49	-11.59	-71.08	-13.00	-58.08	peak	
6		436.915	-64.73	-8.00	-72.73	-13.00	-59.73	peak	

Test Mode GSM850_ TX CH190_GSM_Second Antenna

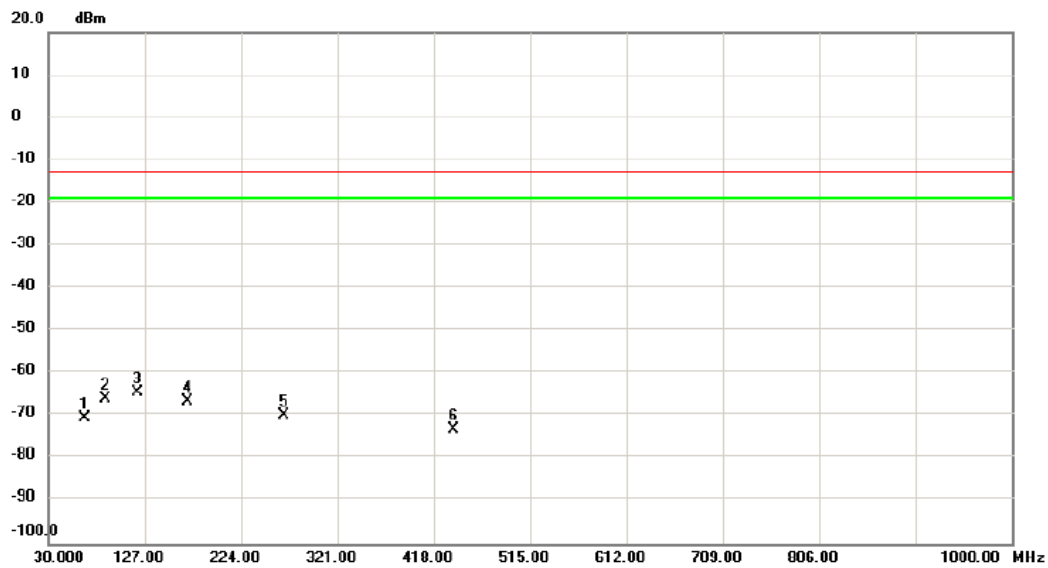
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-53.24	-14.80	-68.04	-13.00	-55.04	peak	
2		119.240	-55.37	-12.85	-68.22	-13.00	-55.22	peak	
3		155.130	-58.04	-11.29	-69.33	-13.00	-56.33	peak	
4		203.630	-53.60	-14.95	-68.55	-13.00	-55.55	peak	
5		260.860	-55.97	-12.26	-68.23	-13.00	-55.23	peak	
6	*	289.475	-55.80	-11.51	-67.31	-13.00	-54.31	peak	

Test Mode WCDMA Band V_TX CH4182_Main Antenna

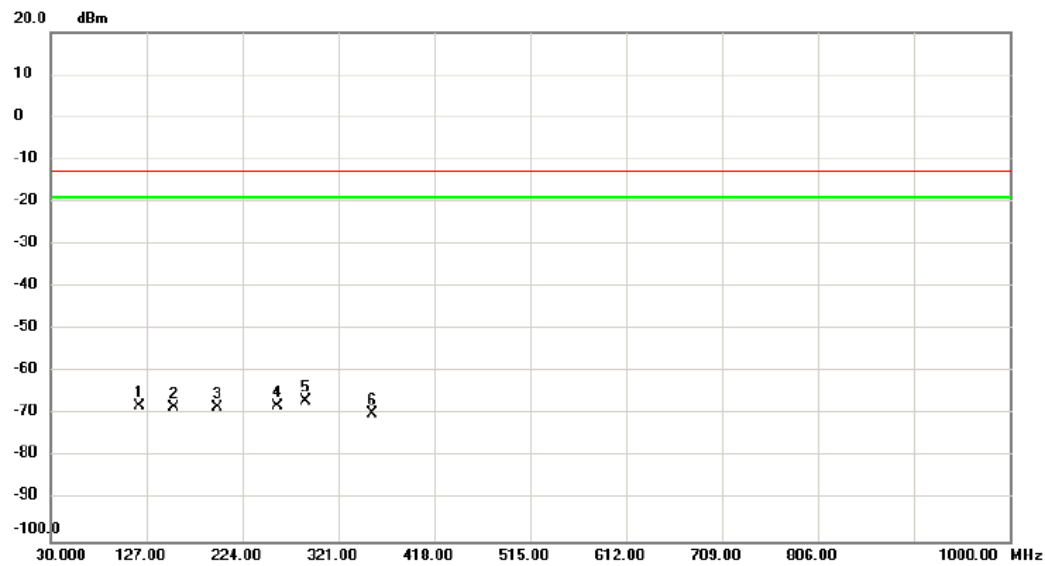
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	67.345	-55.12	-15.35	-70.47	-13.00	-57.47	peak	
2	87.230	-49.56	-16.29	-65.85	-13.00	-52.85	peak	
3 *	120.210	-51.83	-12.74	-64.57	-13.00	-51.57	peak	
4	170.165	-54.40	-12.09	-66.49	-13.00	-53.49	peak	
5	267.650	-57.38	-12.54	-69.92	-13.00	-56.92	peak	
6	437.400	-65.07	-7.98	-73.05	-13.00	-60.05	peak	

Test Mode WCDMA Band V_TX CH4182_Main Antenna

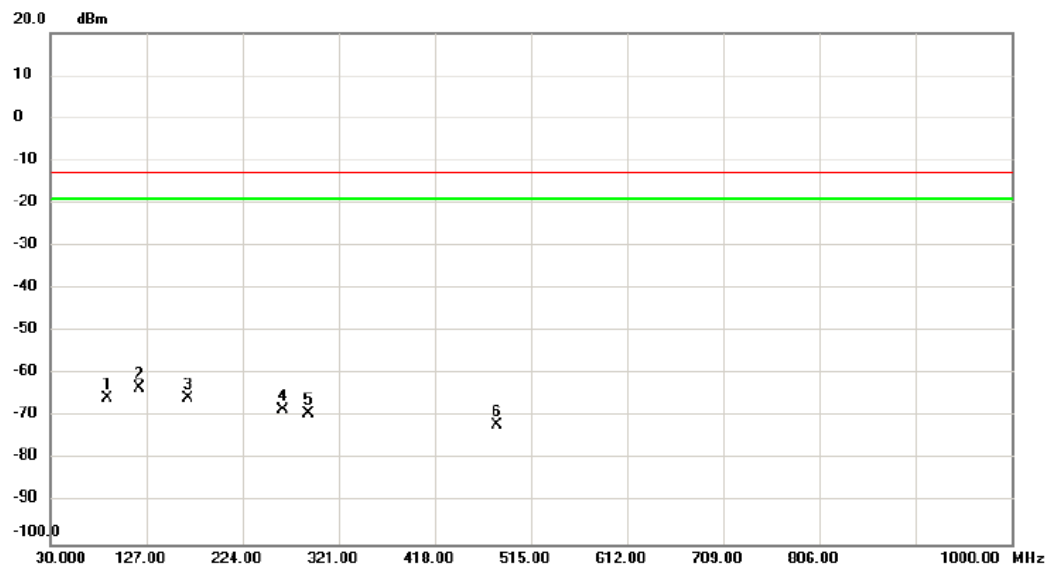
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-55.36	-12.78	-68.14	-13.00	-55.14	peak	
2		155.130	-57.01	-11.29	-68.30	-13.00	-55.30	peak	
3		198.295	-53.58	-14.68	-68.26	-13.00	-55.26	peak	
4		259.405	-55.68	-12.28	-67.96	-13.00	-54.96	peak	
5	*	288.505	-55.36	-11.59	-66.95	-13.00	-53.95	peak	
6		354.950	-59.74	-10.08	-69.82	-13.00	-56.82	peak	

Test Mode WCDMA Band V_TX CH4182_Second Antenna

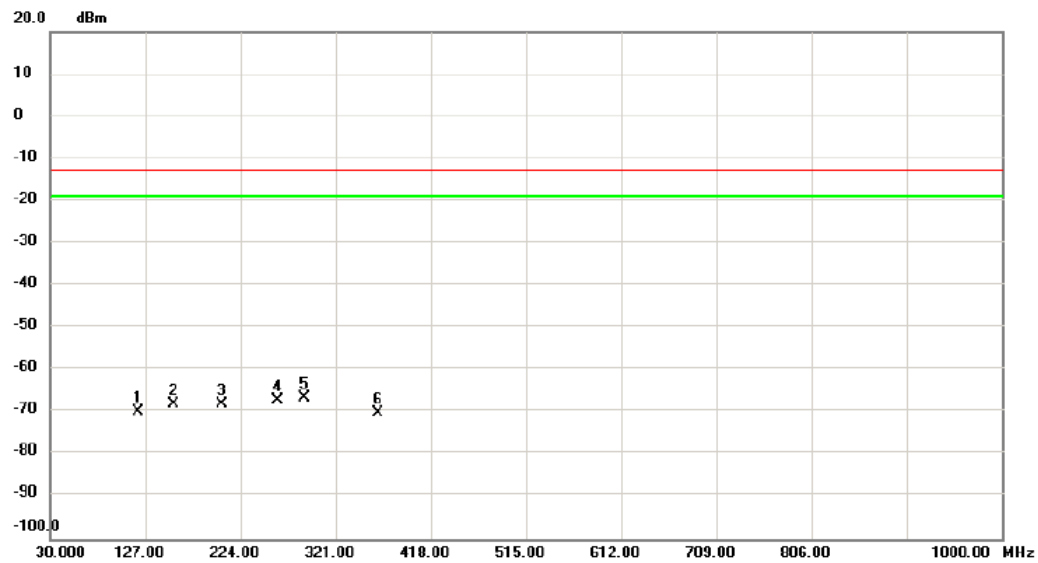
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		87.230	-49.37	-16.29	-65.66	-13.00	-52.66	peak	
2	*	119.725	-50.36	-12.78	-63.14	-13.00	-50.14	peak	
3		168.710	-53.76	-11.90	-65.66	-13.00	-52.66	peak	
4		264.740	-55.99	-12.43	-68.42	-13.00	-55.42	peak	
5		290.445	-57.80	-11.46	-69.26	-13.00	-56.26	peak	
6		480.080	-64.60	-7.41	-72.01	-13.00	-59.01	peak	

Test Mode WCDMA Band V_TX CH4182_Second Antenna

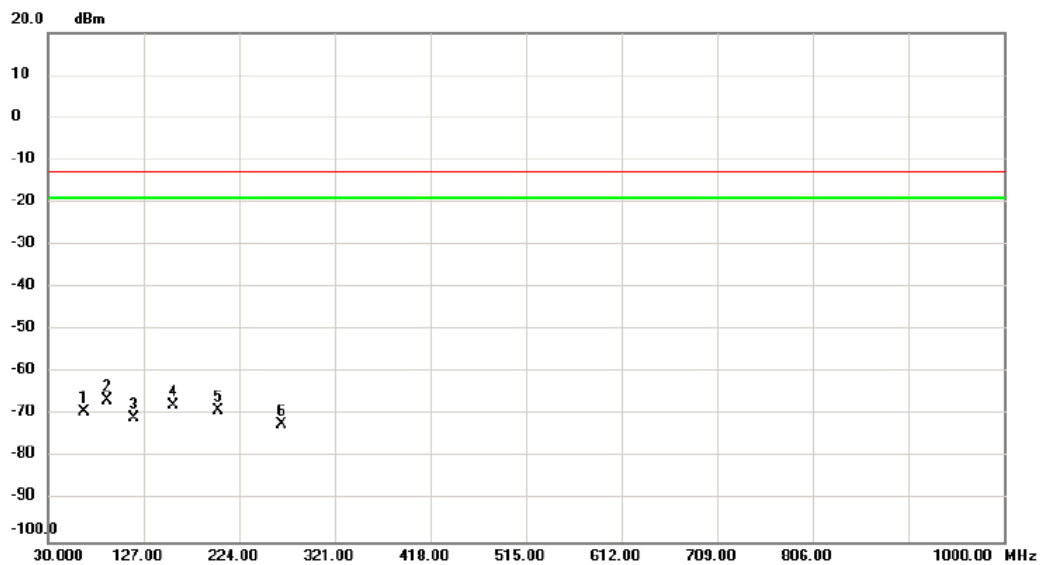
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		119.240	-57.09	-12.85	-69.94	-13.00	-56.94	peak	
2		156.100	-56.72	-11.18	-67.90	-13.00	-54.90	peak	
3		205.570	-53.01	-15.04	-68.05	-13.00	-55.05	peak	
4		261.830	-54.76	-12.30	-67.06	-13.00	-54.06	peak	
5	*	289.960	-55.08	-11.48	-66.56	-13.00	-53.56	peak	
6		364.165	-60.14	-9.86	-70.00	-13.00	-57.00	peak	

Test Mode LTE Band 5_TX CH20525_1.4M_Main Antenna

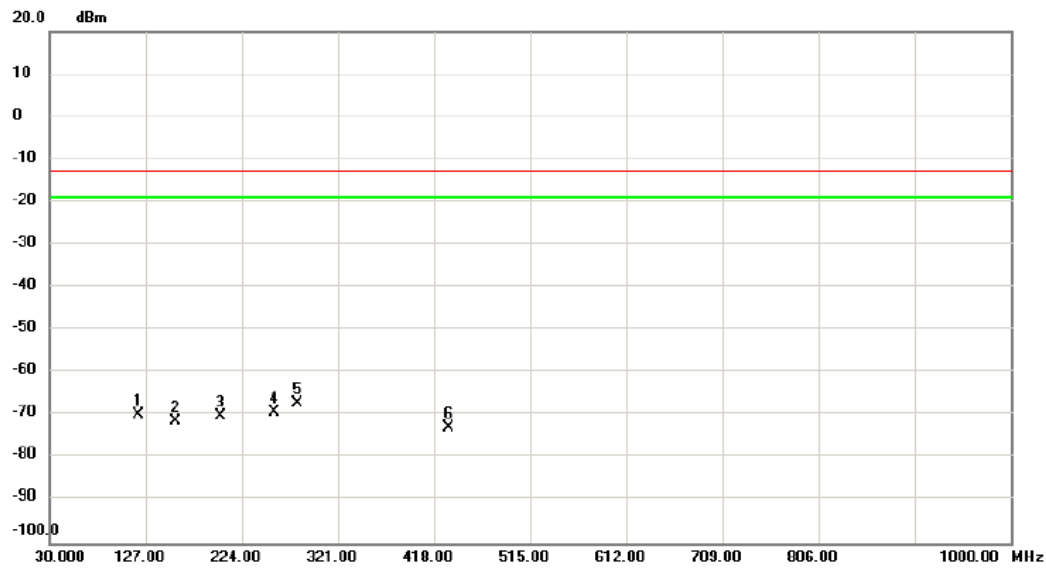
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.860	-54.14	-15.25	-69.39	-13.00	-56.39	peak	
2	*	89.655	-50.64	-15.79	-66.43	-13.00	-53.43	peak	
3		117.785	-57.57	-13.07	-70.64	-13.00	-57.64	peak	
4		157.555	-56.81	-10.98	-67.79	-13.00	-54.79	peak	
5		202.660	-54.04	-14.92	-68.96	-13.00	-55.96	peak	
6		266.680	-59.70	-12.50	-72.20	-13.00	-59.20	peak	

Test Mode	LTE Band 5_TX CH20525_1.4M_Main Antenna
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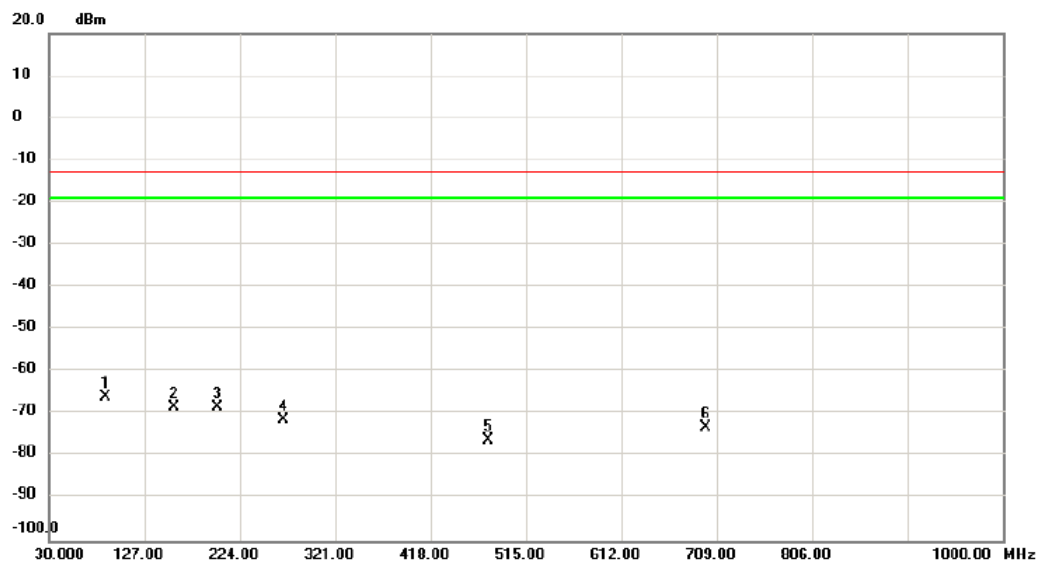
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		120.210	-57.24	-12.74	-69.98	-13.00	-56.98	peak	
2		157.070	-60.36	-11.05	-71.41	-13.00	-58.41	peak	
3		203.145	-55.09	-14.94	-70.03	-13.00	-57.03	peak	
4		256.495	-56.78	-12.60	-69.38	-13.00	-56.38	peak	
5	*	280.260	-55.03	-12.14	-67.17	-13.00	-54.17	peak	
6		433.035	-64.63	-8.11	-72.74	-13.00	-59.74	peak	

Test Mode LTE Band 5_TX CH20525_5M_Main Antenna

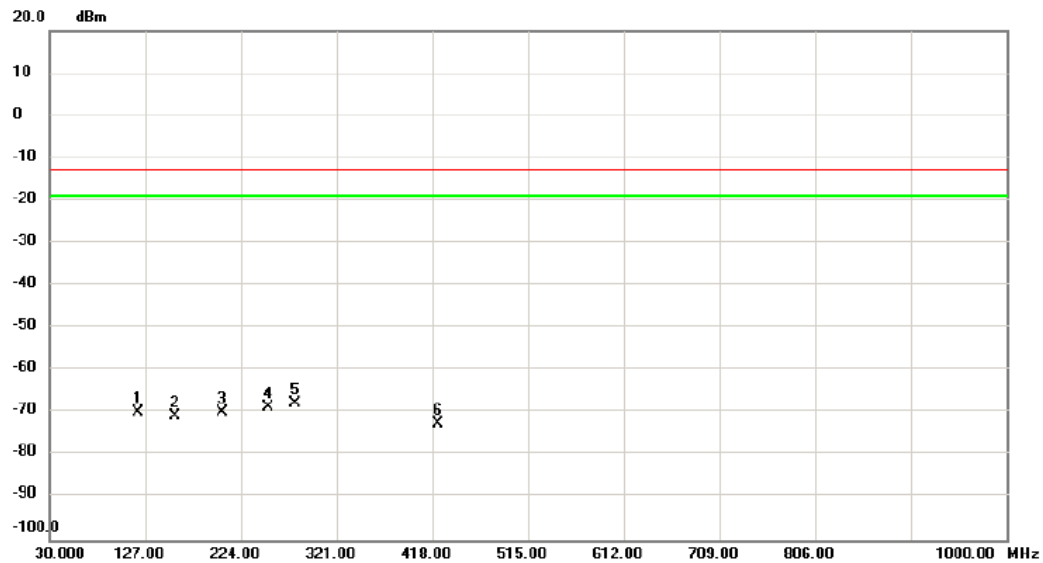
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	87.715	-49.82	-16.20	-66.02	-13.00	-53.02	peak	
2		157.555	-57.34	-10.98	-68.32	-13.00	-55.32	peak	
3		201.690	-53.41	-14.87	-68.28	-13.00	-55.28	peak	
4		268.135	-58.90	-12.57	-71.47	-13.00	-58.47	peak	
5		476.200	-68.85	-7.44	-76.29	-13.00	-63.29	peak	
6		697.360	-69.58	-3.62	-73.20	-13.00	-60.20	peak	

Test Mode LTE Band 5_TX CH20525_5M_Main Antenna

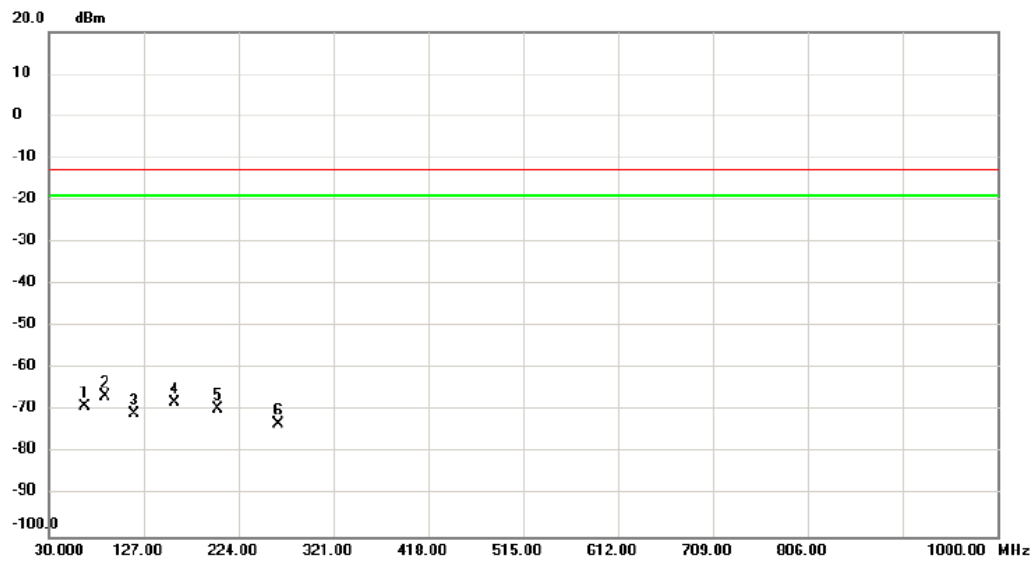
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		119.725	-57.20	-12.78	-69.98	-13.00	-56.98	peak	
2		157.555	-59.84	-10.98	-70.82	-13.00	-57.82	peak	
3		204.600	-54.89	-15.00	-69.89	-13.00	-56.89	peak	
4		251.160	-55.57	-13.17	-68.74	-13.00	-55.74	peak	
5	*	278.320	-55.57	-12.25	-67.82	-13.00	-54.82	peak	
6		424.305	-64.25	-8.34	-72.59	-13.00	-59.59	peak	

Test Mode LTE Band 5_TX CH20525_10M_Main Antenna

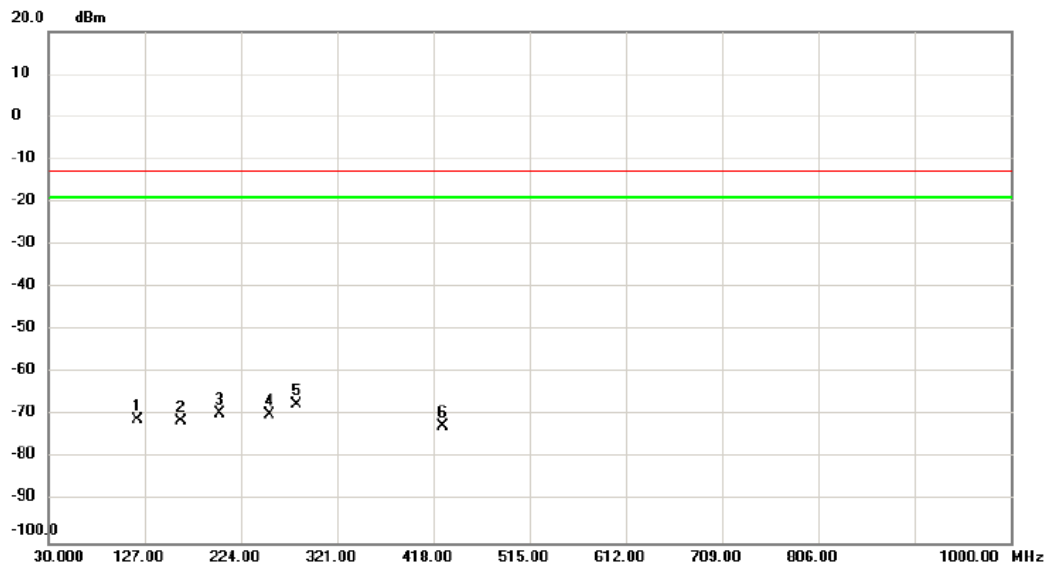
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.375	-53.87	-15.15	-69.02	-13.00	-56.02	peak	
2	*	87.230	-50.38	-16.29	-66.67	-13.00	-53.67	peak	
3		116.815	-57.51	-13.22	-70.73	-13.00	-57.73	peak	
4		158.040	-57.22	-10.93	-68.15	-13.00	-55.15	peak	
5		202.175	-54.67	-14.90	-69.57	-13.00	-56.57	peak	
6		264.740	-60.64	-12.43	-73.07	-13.00	-60.07	peak	

Test Mode	LTE Band 5_TX CH20525_10M_Main Antenna
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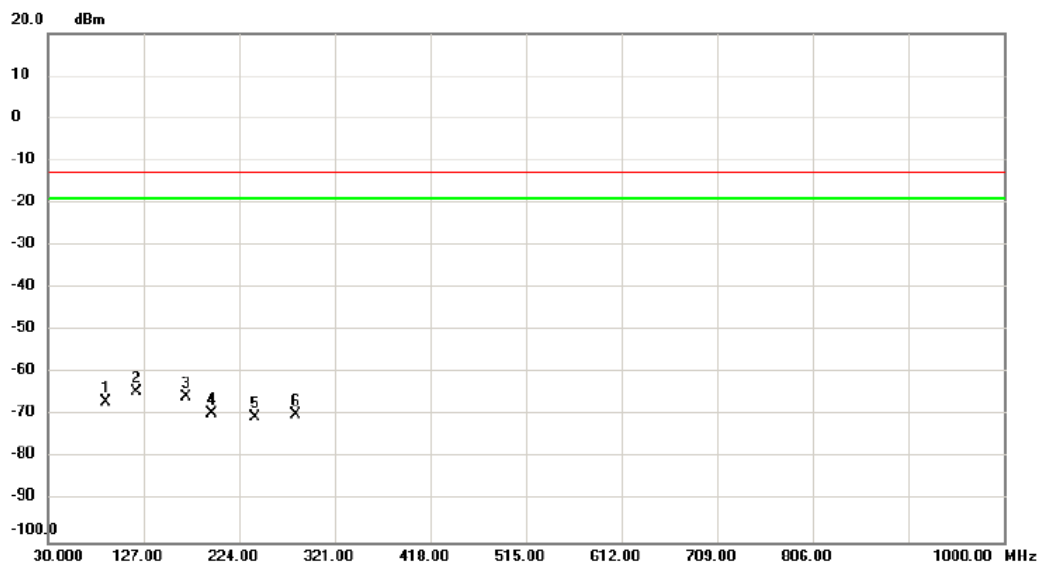
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		119.725	-58.19	-12.78	-70.97	-13.00	-57.97	peak	
2		163.860	-60.19	-11.22	-71.41	-13.00	-58.41	peak	
3		202.175	-54.66	-14.90	-69.56	-13.00	-56.56	peak	
4		252.615	-56.95	-13.02	-69.97	-13.00	-56.97	peak	
5	*	280.260	-55.36	-12.14	-67.50	-13.00	-54.50	peak	
6		427.700	-64.36	-8.24	-72.60	-13.00	-59.60	peak	

Test Mode	LTE Band 5_TX CH20525_1.4M_Second Antenna
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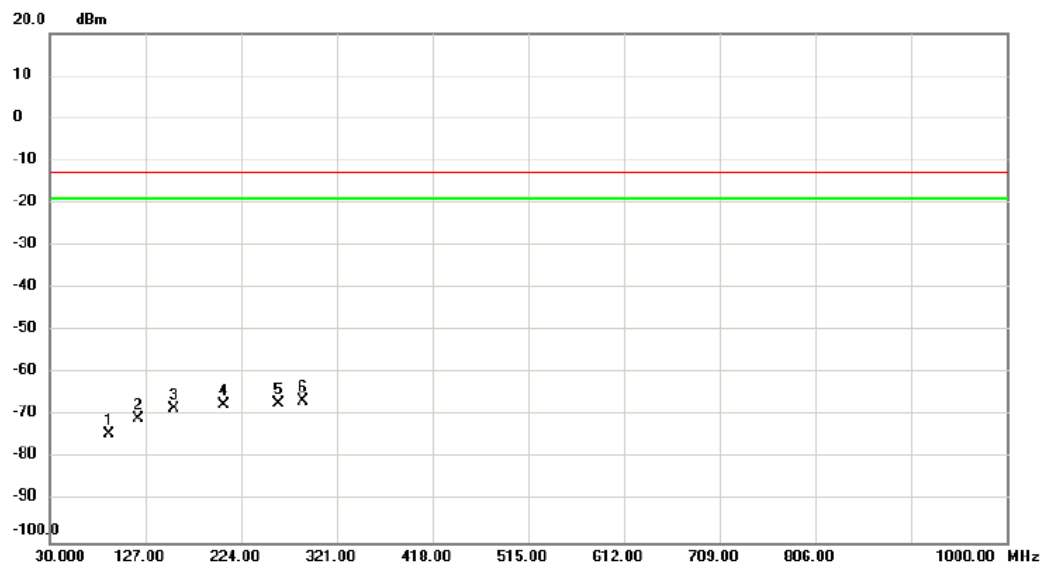
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		88.200	-50.73	-16.09	-66.82	-13.00	-53.82	peak	
2	*	119.725	-51.68	-12.78	-64.46	-13.00	-51.46	peak	
3		170.165	-53.45	-12.09	-65.54	-13.00	-52.54	peak	
4		195.870	-54.94	-14.52	-69.46	-13.00	-56.46	peak	
5		239.520	-57.01	-13.59	-70.60	-13.00	-57.60	peak	
6		281.230	-57.76	-12.08	-69.84	-13.00	-56.84	peak	

Test Mode	LTE Band 5_TX CH20525_1.4M_Second Antenna
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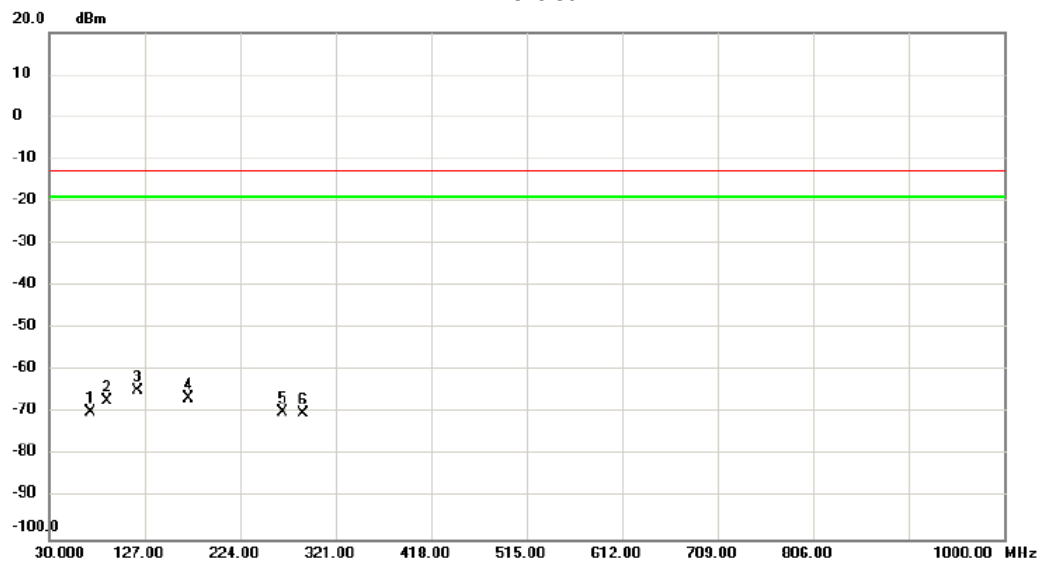
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		90.140	-58.63	-15.71	-74.34	-13.00	-61.34	peak	
2		119.725	-57.92	-12.78	-70.70	-13.00	-57.70	peak	
3		156.100	-57.02	-11.18	-68.20	-13.00	-55.20	peak	
4		207.025	-52.46	-15.09	-67.55	-13.00	-54.55	peak	
5		261.830	-54.88	-12.30	-67.18	-13.00	-54.18	peak	
6	*	286.080	-54.73	-11.75	-66.48	-13.00	-53.48	peak	

Test Mode LTE Band 5_TX CH20525_5M_Second Antenna

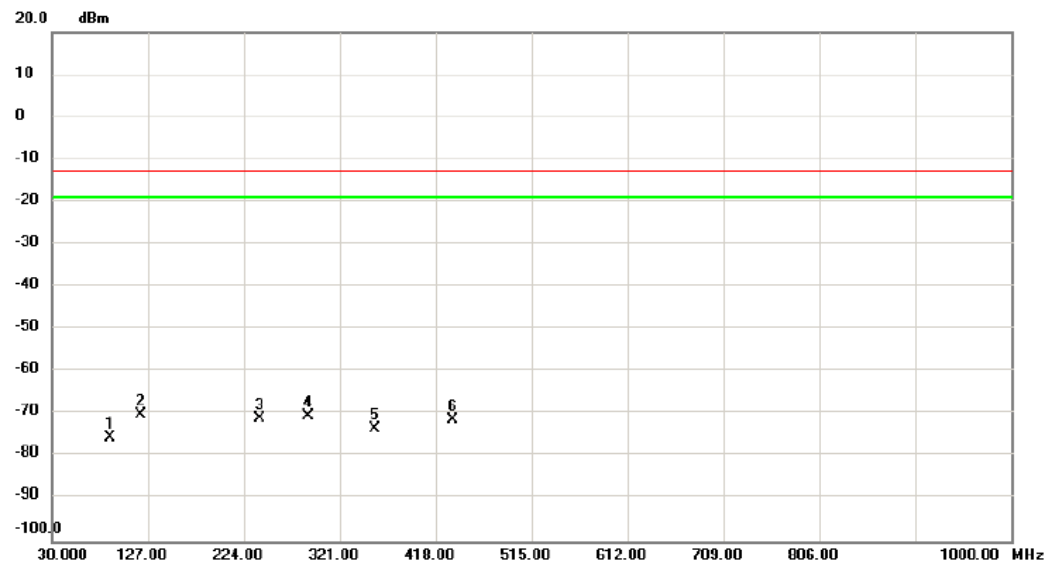
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		71.710	-53.74	-16.23	-69.97	-13.00	-56.97	peak	
2		88.200	-51.08	-16.09	-67.17	-13.00	-54.17	peak	
3	*	119.725	-52.11	-12.78	-64.89	-13.00	-51.89	peak	
4		171.135	-54.48	-12.16	-66.64	-13.00	-53.64	peak	
5		267.165	-57.46	-12.52	-69.98	-13.00	-56.98	peak	
6		288.020	-58.44	-11.62	-70.06	-13.00	-57.06	peak	

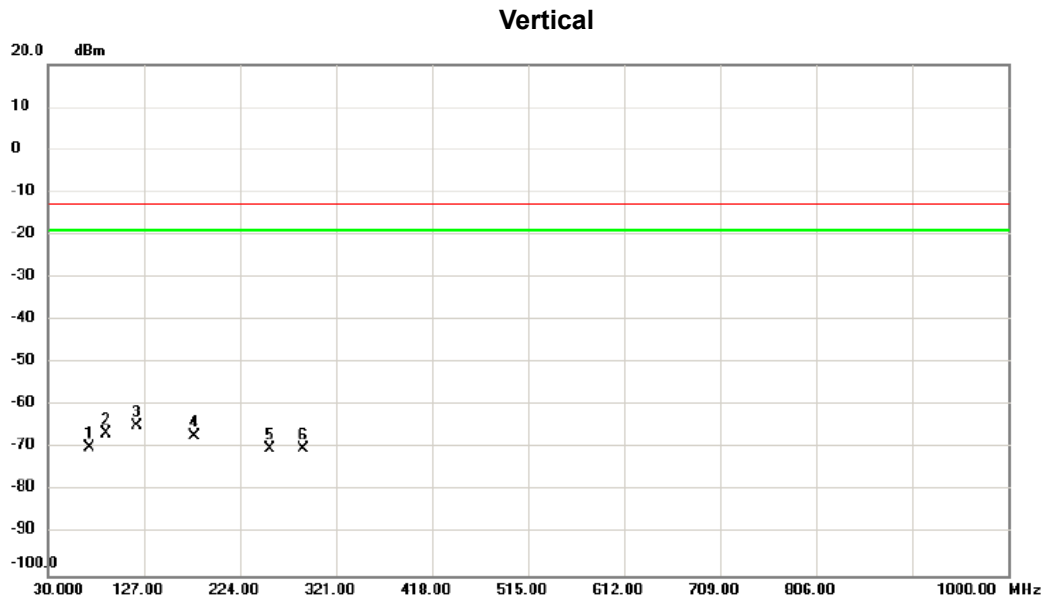
Test Mode	LTE Band 5_TX CH20525_5M_Second Antenna
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		88.685	-59.52	-15.99	-75.51	-13.00	-62.51	peak	
2	*	119.725	-57.29	-12.78	-70.07	-13.00	-57.07	peak	
3		239.520	-57.59	-13.59	-71.18	-13.00	-58.18	peak	
4		288.990	-58.90	-11.55	-70.45	-13.00	-57.45	peak	
5		355.920	-63.28	-10.07	-73.35	-13.00	-60.35	peak	
6		435.945	-63.27	-8.02	-71.29	-13.00	-58.29	peak	

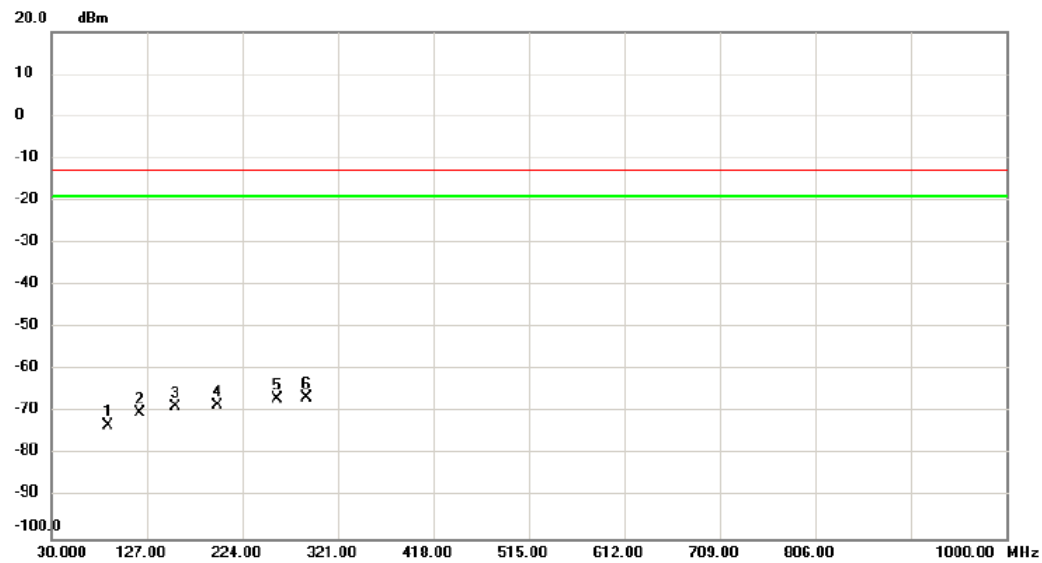
Test Mode	LTE Band 5_TX CH20525_10M_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		71.710	-53.73	-16.23	-69.96	-13.00	-56.96	peak	
2		88.200	-50.44	-16.09	-66.53	-13.00	-53.53	peak	
3	*	119.725	-51.94	-12.78	-64.72	-13.00	-51.72	peak	
4		177.440	-54.43	-12.61	-67.04	-13.00	-54.04	peak	
5		254.070	-57.14	-12.86	-70.00	-13.00	-57.00	peak	
6		288.020	-58.38	-11.62	-70.00	-13.00	-57.00	peak	

Test Mode	LTE Band 5_TX CH20525_10M_Second Antenna
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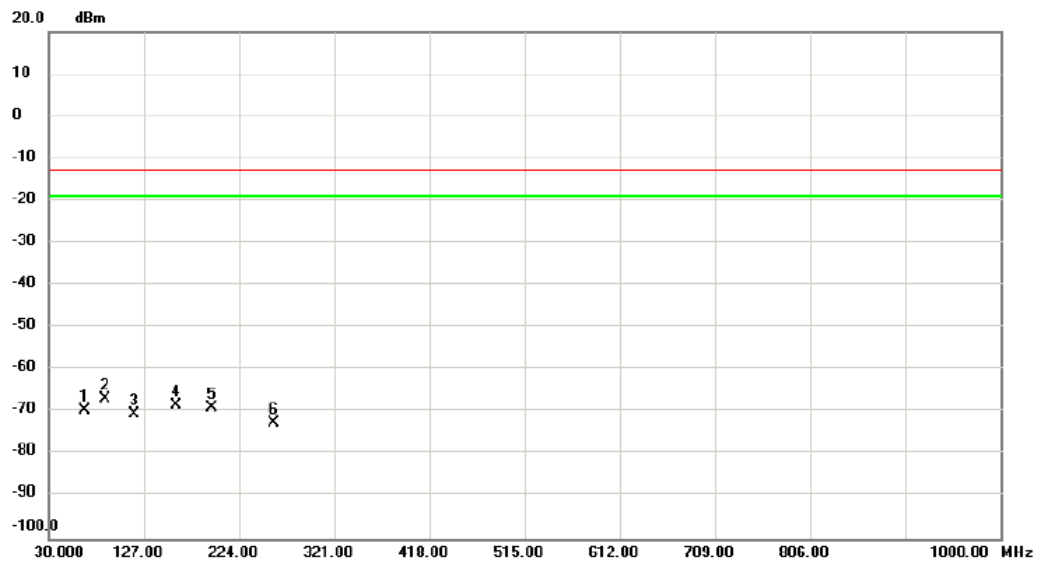
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		87.715	-57.04	-16.20	-73.24	-13.00	-60.24	peak	
2		119.240	-57.25	-12.85	-70.10	-13.00	-57.10	peak	
3		156.100	-57.59	-11.18	-68.77	-13.00	-55.77	peak	
4		199.265	-53.54	-14.75	-68.29	-13.00	-55.29	peak	
5		258.920	-54.56	-12.35	-66.91	-13.00	-53.91	peak	
6	*	289.960	-55.13	-11.48	-66.61	-13.00	-53.61	peak	

Test Mode LTE Band 26_TX CH26915_1.4M_Main Antenna

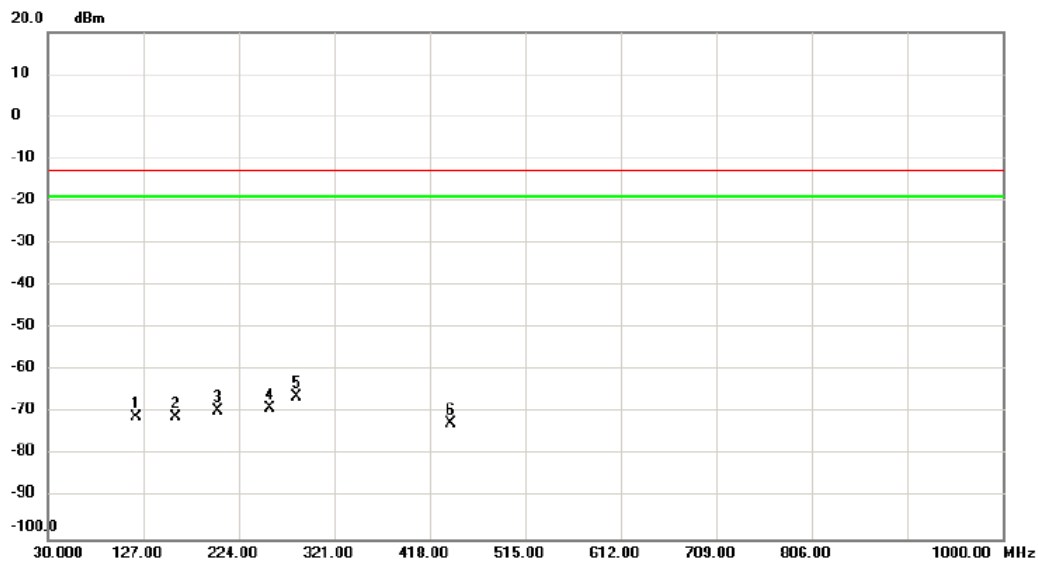
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		66.375	-54.27	-15.15	-69.42	-13.00	-56.42	peak	
2	*	87.230	-50.48	-16.29	-66.77	-13.00	-53.77	peak	
3		117.300	-57.17	-13.14	-70.31	-13.00	-57.31	peak	
4		159.980	-57.80	-10.67	-68.47	-13.00	-55.47	peak	
5		196.355	-54.45	-14.55	-69.00	-13.00	-56.00	peak	
6		259.890	-60.36	-12.23	-72.59	-13.00	-59.59	peak	

Test Mode LTE Band 26_TX CH26915_1.4M_Main Antenna

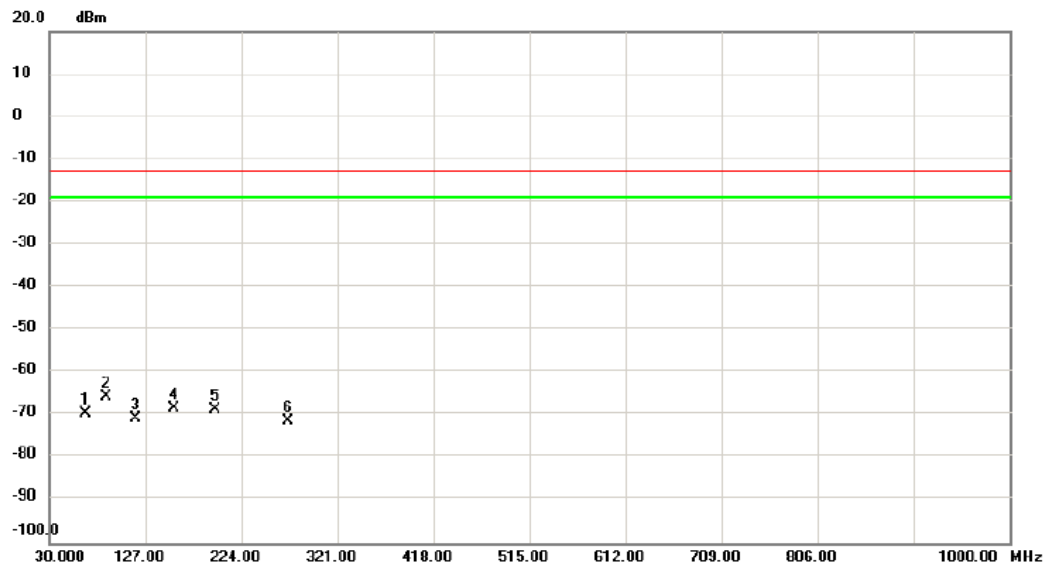
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-58.32	-12.78	-71.10	-13.00	-58.10	peak	
2		159.980	-60.50	-10.67	-71.17	-13.00	-58.17	peak	
3		203.145	-54.63	-14.94	-69.57	-13.00	-56.57	peak	
4		255.040	-56.24	-12.76	-69.00	-13.00	-56.00	peak	
5	*	283.170	-54.36	-11.94	-66.30	-13.00	-53.30	peak	
6		439.825	-64.65	-7.91	-72.56	-13.00	-59.56	peak	

Test Mode LTE Band 26_TX CH26915_5M_Main Antenna

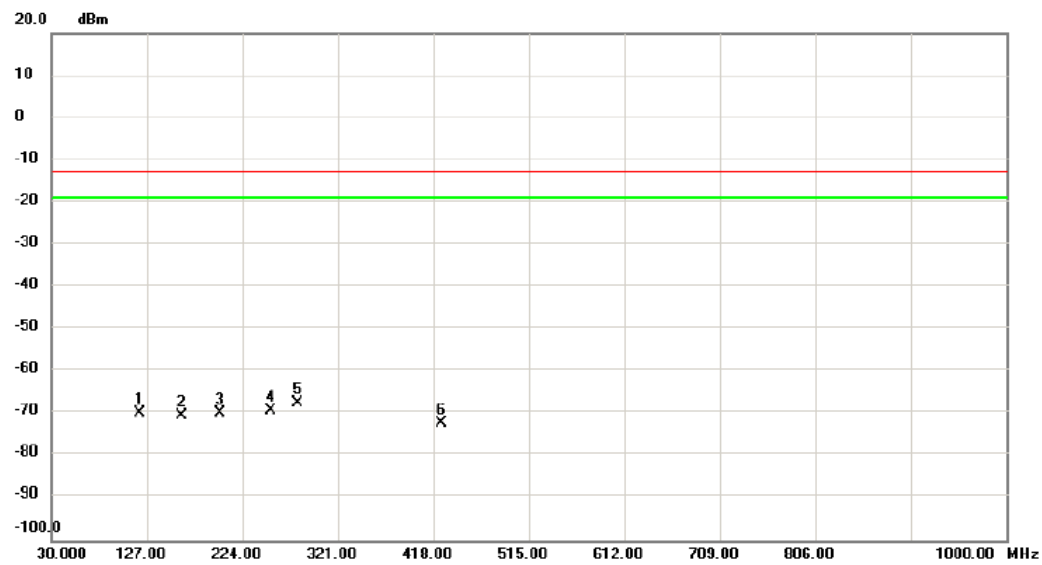
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	66.375	-54.44	-15.15	-69.59	-13.00	-56.59	peak	
2 *	87.715	-49.30	-16.20	-65.50	-13.00	-52.50	peak	
3	117.300	-57.73	-13.14	-70.87	-13.00	-57.87	peak	
4	156.100	-57.09	-11.18	-68.27	-13.00	-55.27	peak	
5	196.840	-54.12	-14.58	-68.70	-13.00	-55.70	peak	
6	270.560	-58.62	-12.62	-71.24	-13.00	-58.24	peak	

Test Mode LTE Band 26_TX CH26915_5M_Main Antenna

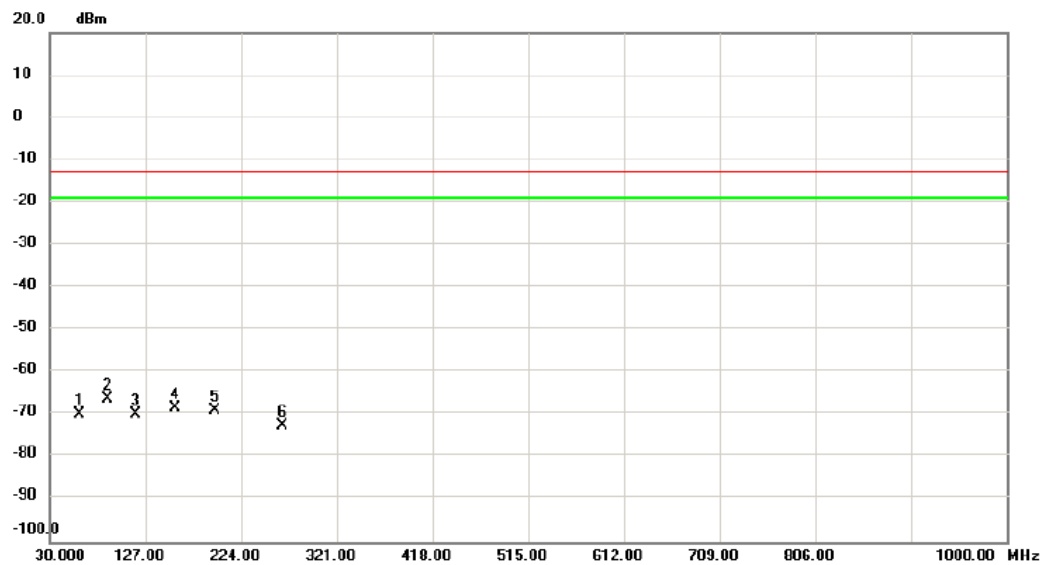
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		120.210	-57.10	-12.74	-69.84	-13.00	-56.84	peak	
2		161.920	-59.65	-10.94	-70.59	-13.00	-57.59	peak	
3		200.720	-55.12	-14.84	-69.96	-13.00	-56.96	peak	
4		253.100	-56.40	-12.96	-69.36	-13.00	-56.36	peak	
5	*	280.745	-55.22	-12.12	-67.34	-13.00	-54.34	peak	
6		425.760	-64.01	-8.30	-72.31	-13.00	-59.31	peak	

Test Mode LTE Band 26_TX CH26915_15M_Main Antenna

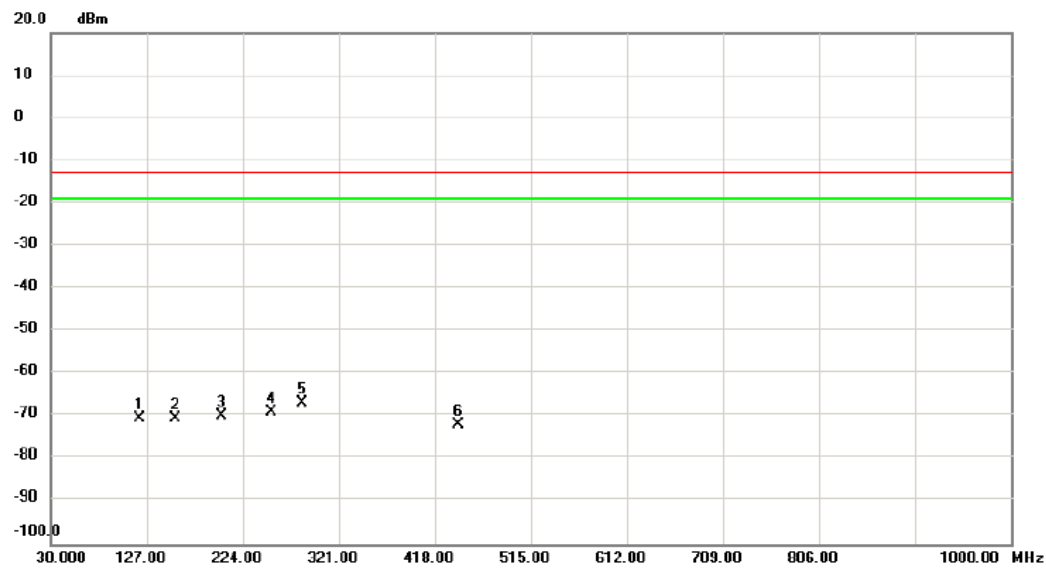
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		60.555	-55.22	-14.55	-69.77	-13.00	-56.77	peak	
2	*	88.200	-50.08	-16.09	-66.17	-13.00	-53.17	peak	
3		117.300	-56.83	-13.14	-69.97	-13.00	-56.97	peak	
4		157.555	-57.39	-10.98	-68.37	-13.00	-55.37	peak	
5		196.840	-54.31	-14.58	-68.89	-13.00	-55.89	peak	
6		265.710	-60.00	-12.46	-72.46	-13.00	-59.46	peak	

Test Mode LTE Band 26_TX CH26915_15M_Main Antenna

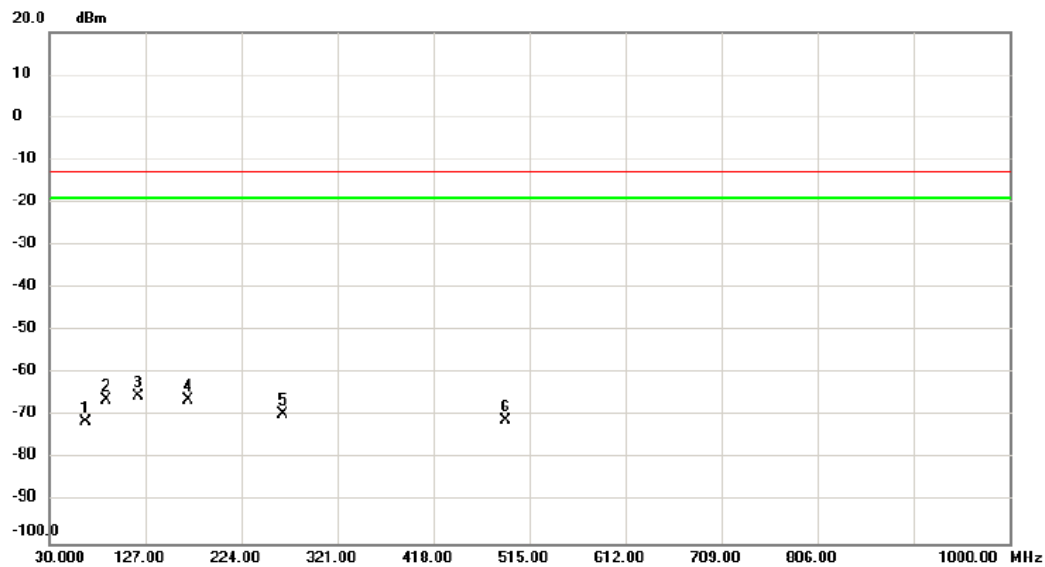
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	119.725	-57.71	-12.78	-70.49	-13.00	-57.49	peak	
2	156.585	-59.43	-11.11	-70.54	-13.00	-57.54	peak	
3	203.145	-54.82	-14.94	-69.76	-13.00	-56.76	peak	
4	253.585	-55.90	-12.91	-68.81	-13.00	-55.81	peak	
5 *	284.625	-55.07	-11.85	-66.92	-13.00	-53.92	peak	
6	441.765	-64.11	-7.86	-71.97	-13.00	-58.97	peak	

Test Mode LTE Band 26_TX CH26915_1.4M_Second Antenna

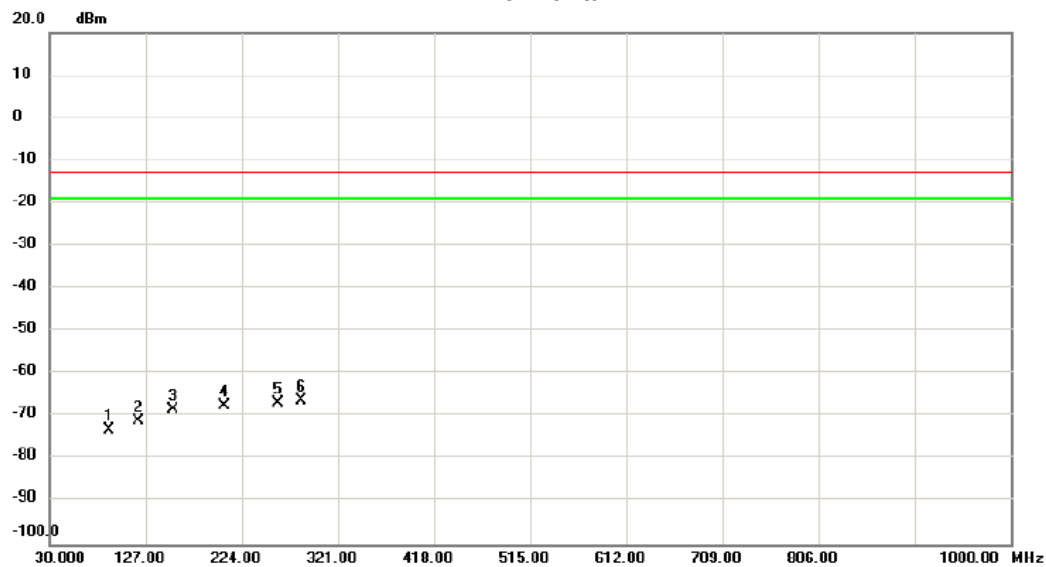
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	dBm	Factor	ment			Detector	Comment
1		67.345	-56.09	-15.35	-71.44	-13.00	-58.44	peak	
2		87.715	-49.95	-16.20	-66.15	-13.00	-53.15	peak	
3	*	119.725	-52.49	-12.78	-65.27	-13.00	-52.27	peak	
4		170.165	-54.24	-12.09	-66.33	-13.00	-53.33	peak	
5		265.710	-56.97	-12.46	-69.43	-13.00	-56.43	peak	
6		490.750	-63.62	-7.33	-70.95	-13.00	-57.95	peak	

Test Mode LTE Band 26_TX CH26915_1.4M_Second Antenna

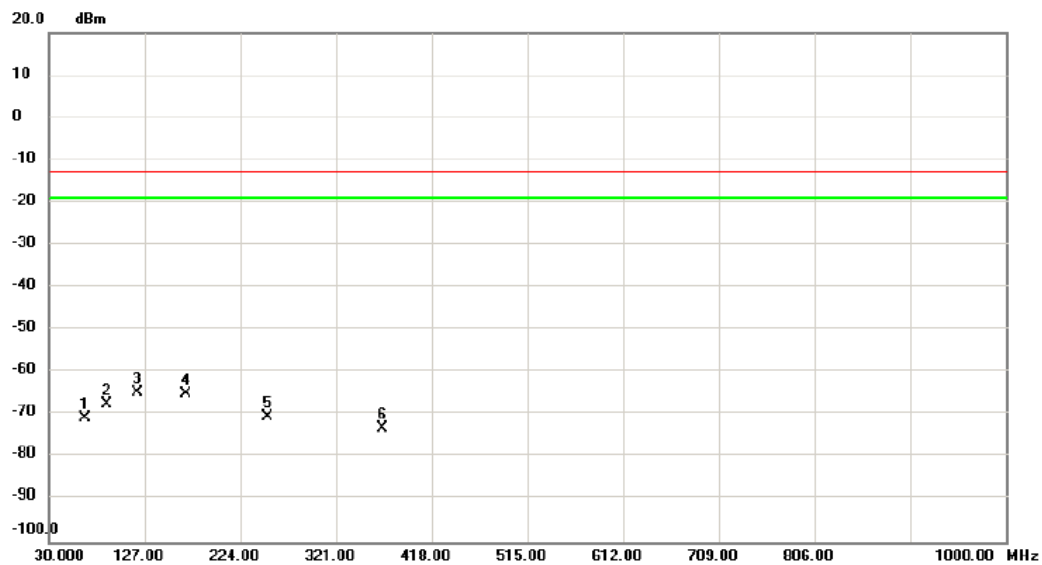
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		89.655	-57.43	-15.79	-73.22	-13.00	-60.22	peak	
2		119.240	-58.10	-12.85	-70.95	-13.00	-57.95	peak	
3		155.130	-57.20	-11.29	-68.49	-13.00	-55.49	peak	
4		206.055	-52.44	-15.06	-67.50	-13.00	-54.50	peak	
5		260.375	-54.65	-12.24	-66.89	-13.00	-53.89	peak	
6	*	284.625	-54.52	-11.85	-66.37	-13.00	-53.37	peak	

Test Mode	LTE Band 26_TX CH26915_5M_Second Antenna
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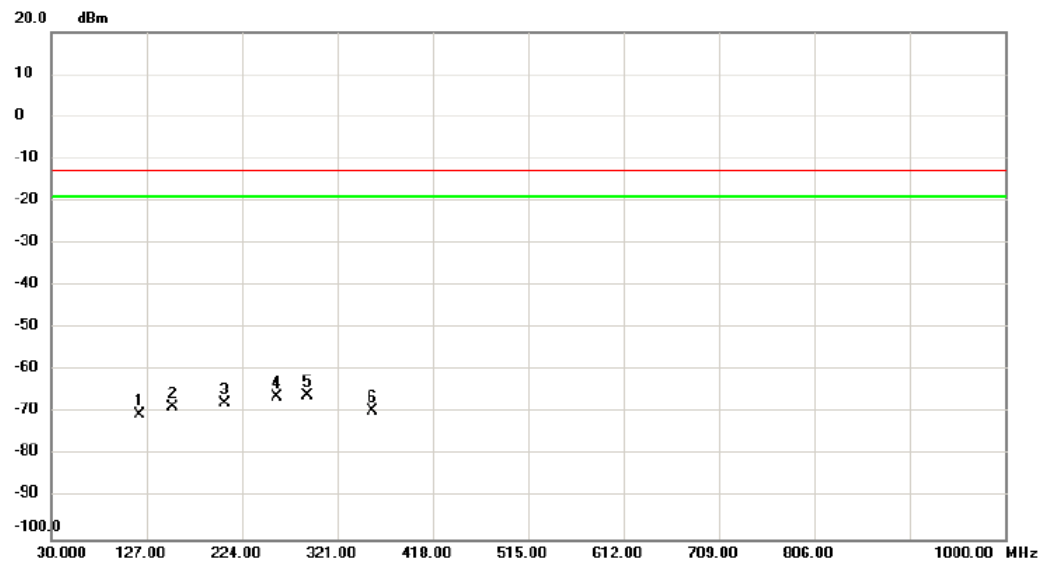
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.860	-55.45	-15.25	-70.70	-13.00	-57.70	peak	
2		88.685	-51.41	-15.99	-67.40	-13.00	-54.40	peak	
3	*	119.725	-52.08	-12.78	-64.86	-13.00	-51.86	peak	
4		168.710	-53.28	-11.90	-65.18	-13.00	-52.18	peak	
5		252.130	-57.44	-13.08	-70.52	-13.00	-57.52	peak	
6		368.530	-63.46	-9.76	-73.22	-13.00	-60.22	peak	

Test Mode	LTE Band 26_TX CH26915_5M_Second Antenna
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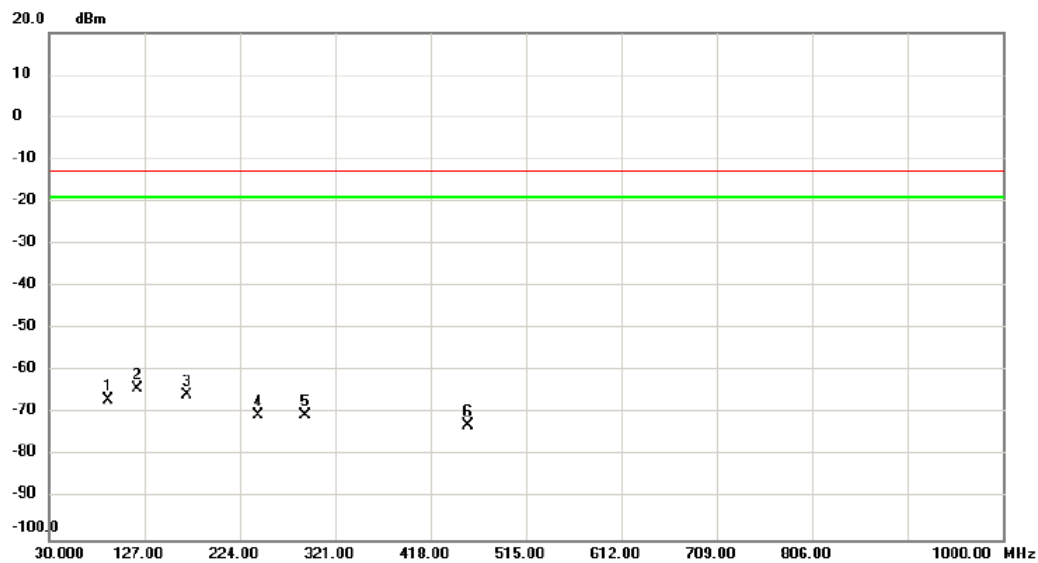
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-57.58	-12.78	-70.36	-13.00	-57.36	peak	
2		153.675	-57.22	-11.49	-68.71	-13.00	-55.71	peak	
3		206.055	-52.71	-15.06	-67.77	-13.00	-54.77	peak	
4		259.890	-54.05	-12.23	-66.28	-13.00	-53.28	peak	
5	*	290.445	-54.62	-11.46	-66.08	-13.00	-53.08	peak	
6		356.405	-59.46	-10.06	-69.52	-13.00	-56.52	peak	

Test Mode	LTE Band 26_TX CH26915_15M_Second Antenna
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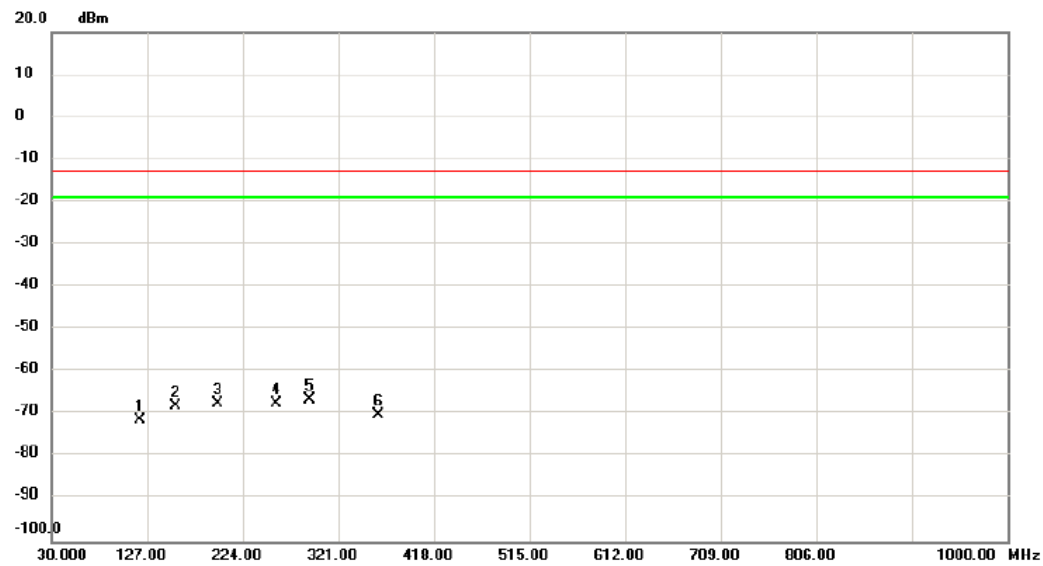
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		89.655	-51.10	-15.79	-66.89	-13.00	-53.89	peak	
2	*	119.725	-51.37	-12.78	-64.15	-13.00	-51.15	peak	
3		170.165	-53.42	-12.09	-65.51	-13.00	-52.51	peak	
4		242.915	-57.07	-13.50	-70.57	-13.00	-57.57	peak	
5		290.930	-59.02	-11.44	-70.46	-13.00	-57.46	peak	
6		455.830	-65.29	-7.59	-72.88	-13.00	-59.88	peak	

Test Mode LTE Band 26_TX CH26915_15M_Second Antenna

Horizontal

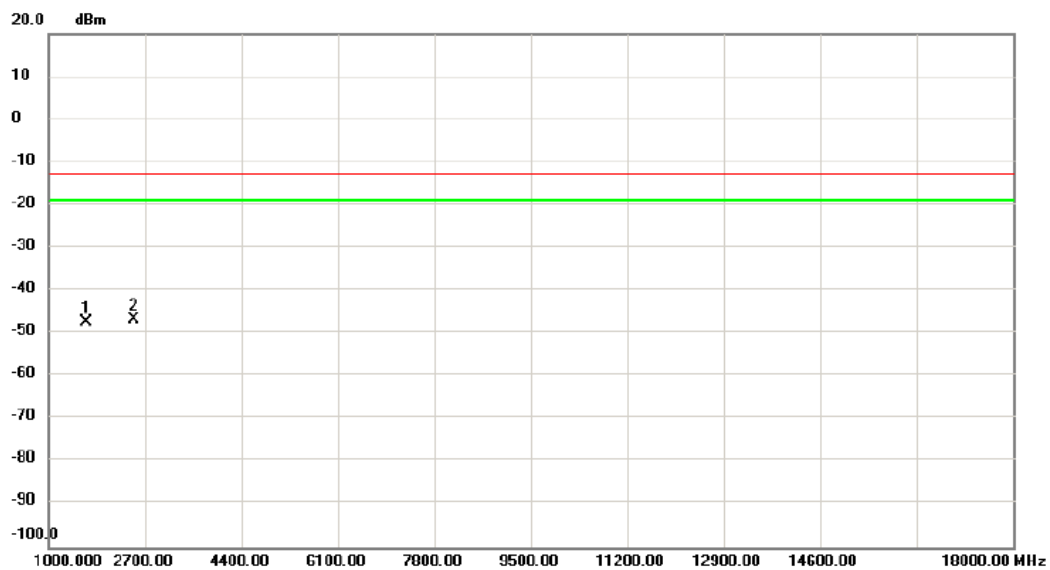


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		120.210	-58.50	-12.74	-71.24	-13.00	-58.24	peak	
2		156.100	-56.73	-11.18	-67.91	-13.00	-54.91	peak	
3		198.295	-52.83	-14.68	-67.51	-13.00	-54.51	peak	
4		257.950	-54.96	-12.45	-67.41	-13.00	-54.41	peak	
5	*	292.385	-55.28	-11.36	-66.64	-13.00	-53.64	peak	
6		362.225	-60.35	-9.91	-70.26	-13.00	-57.26	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode	GSM850_ TX CH190_GSM_Main Antenna
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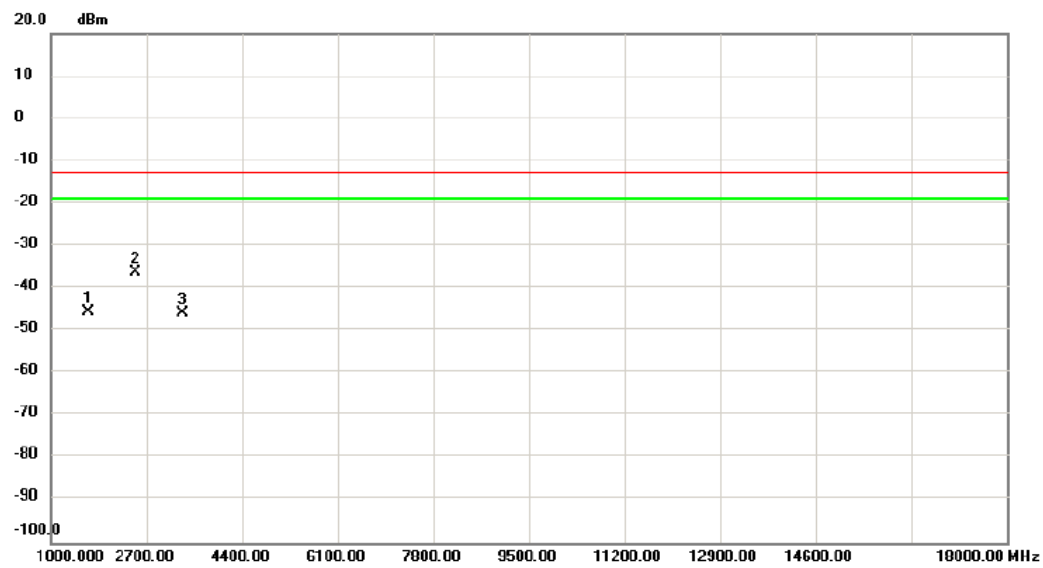
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	1671.500	-43.28	-4.08	-47.36	-13.00	-34.36	peak	
2 *	2513.000	-45.23	-1.54	-46.77	-13.00	-33.77	peak	

Test Mode GSM850_ TX CH190_GSM_Main Antenna

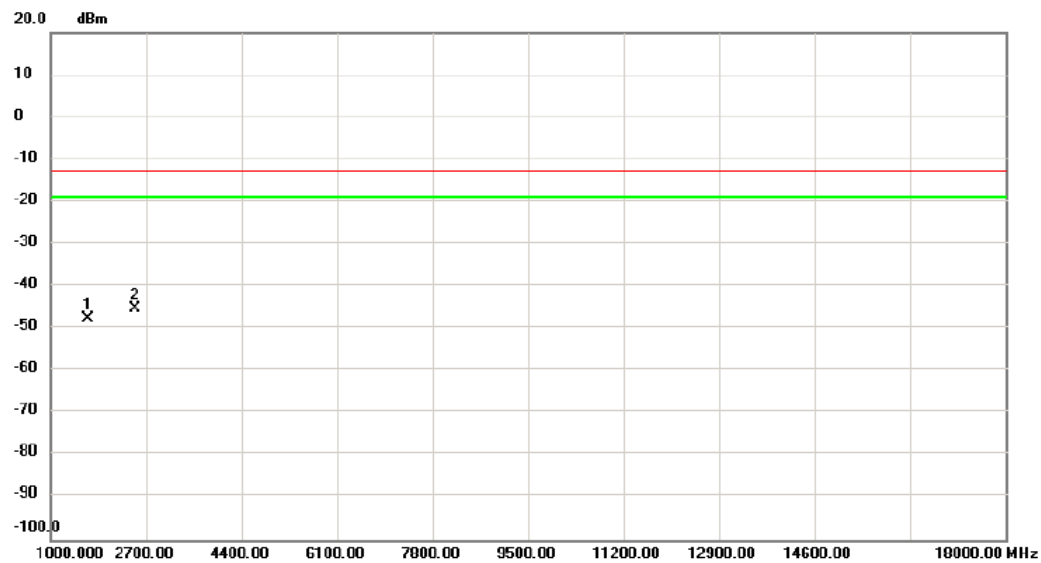
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	1671.500	-41.50	-4.08	-45.58	-13.00	-32.58	peak	
2 *	2513.000	-34.73	-1.54	-36.27	-13.00	-23.27	peak	
3	3346.000	-47.73	1.94	-45.79	-13.00	-32.79	peak	

Test Mode GSM850_ TX CH190_GSM_Second Antenna

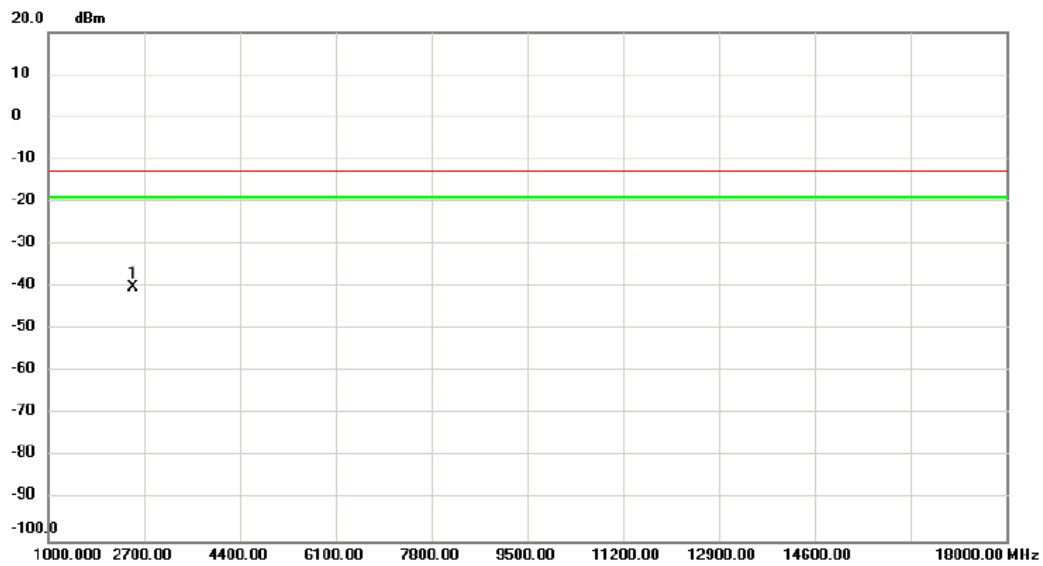
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1671.500	-43.49	-4.08	-47.57	-13.00	-34.57	peak	
2	*	2513.000	-43.84	-1.54	-45.38	-13.00	-32.38	peak	

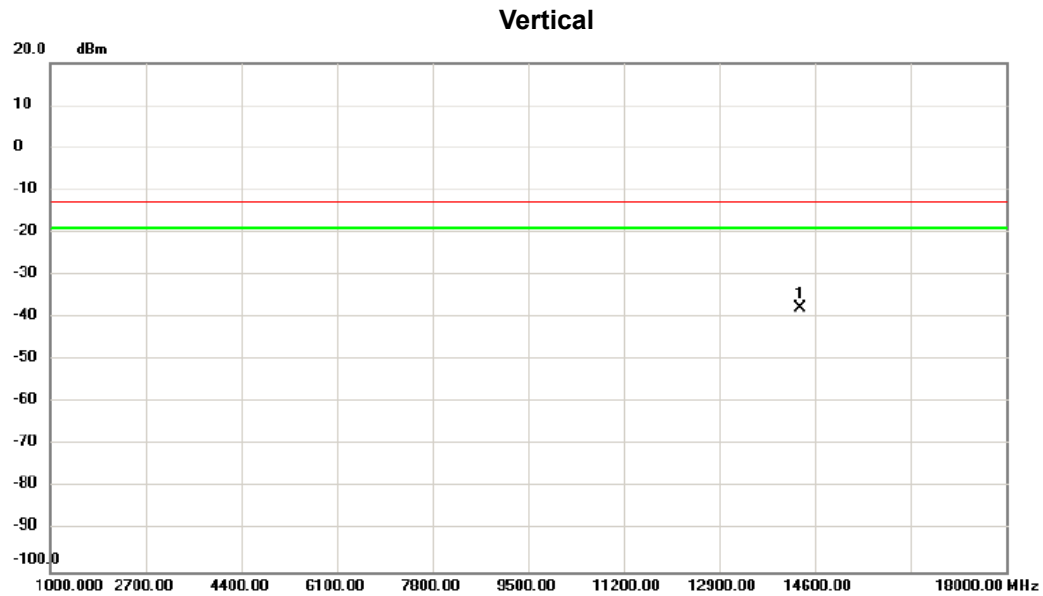
Test Mode	GSM850_ TX CH190_GSM_Second Antenna
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2513.000	-38.67	-1.54	-40.21	-13.00	-27.21	peak	

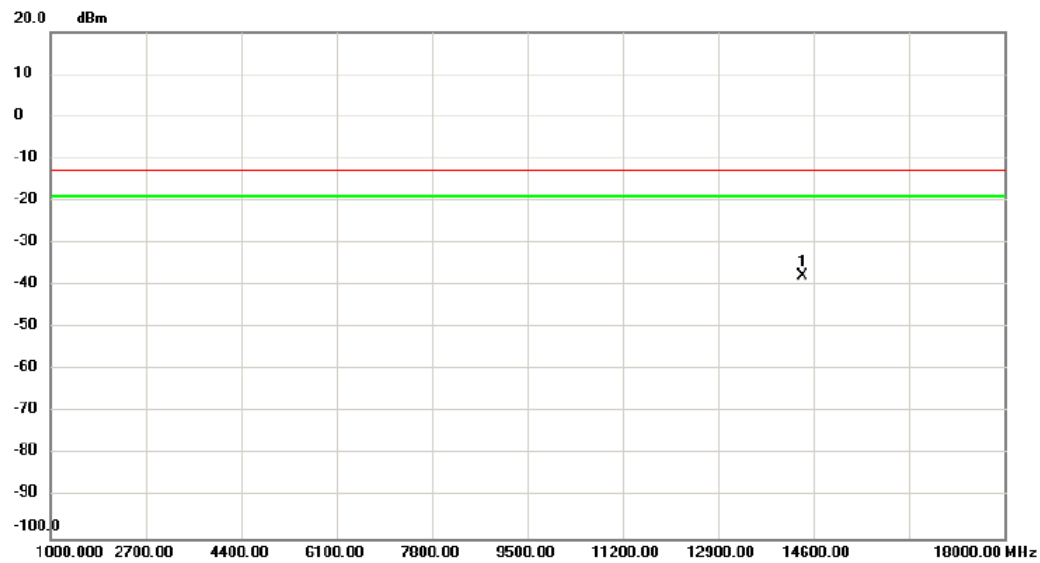
Test Mode	WCDMA Band V_TX CH4182_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14345.000	-56.92	19.15	-37.77	-13.00	-24.77	peak	

Test Mode	WCDMA Band V_TX CH4182_Main Antenna
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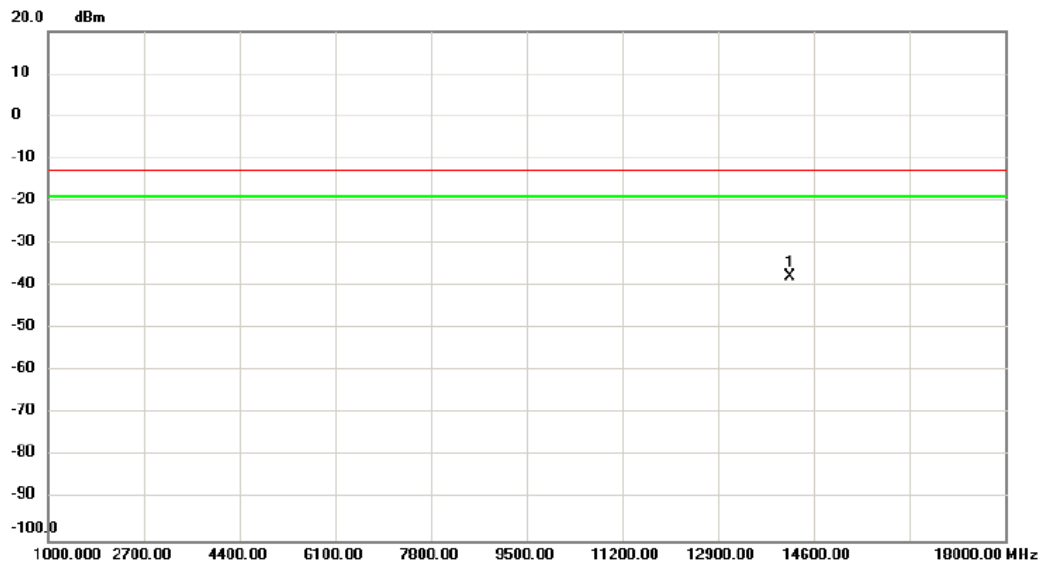
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14404.500	-57.02	19.13	-37.89	-13.00	-24.89	peak	

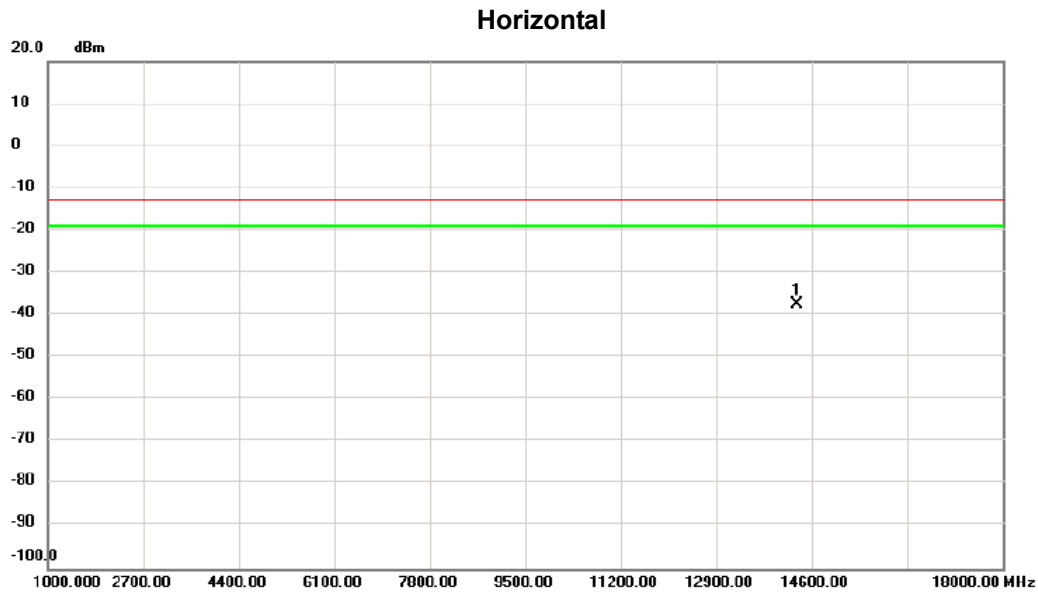
Test Mode	WCDMA Band V_TX CH4182_Second Antenna
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Vertical



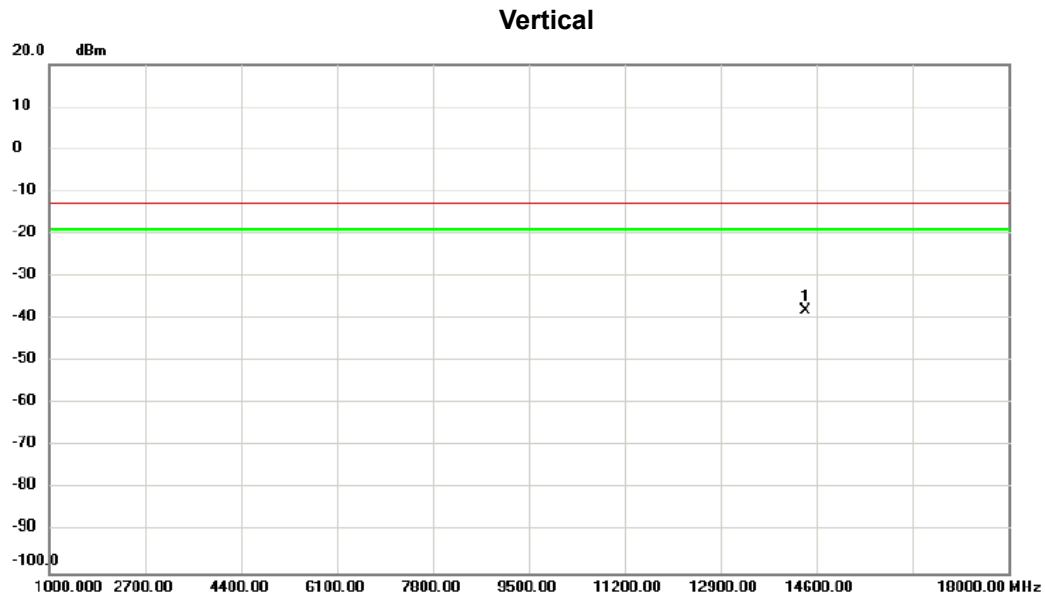
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14183.500	-56.85	19.19	-37.66	-13.00	-24.66	peak	

Test Mode	WCDMA Band V_TX CH4182_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	14328.000	-56.46	19.15	-37.31	-13.00	-24.31	peak	

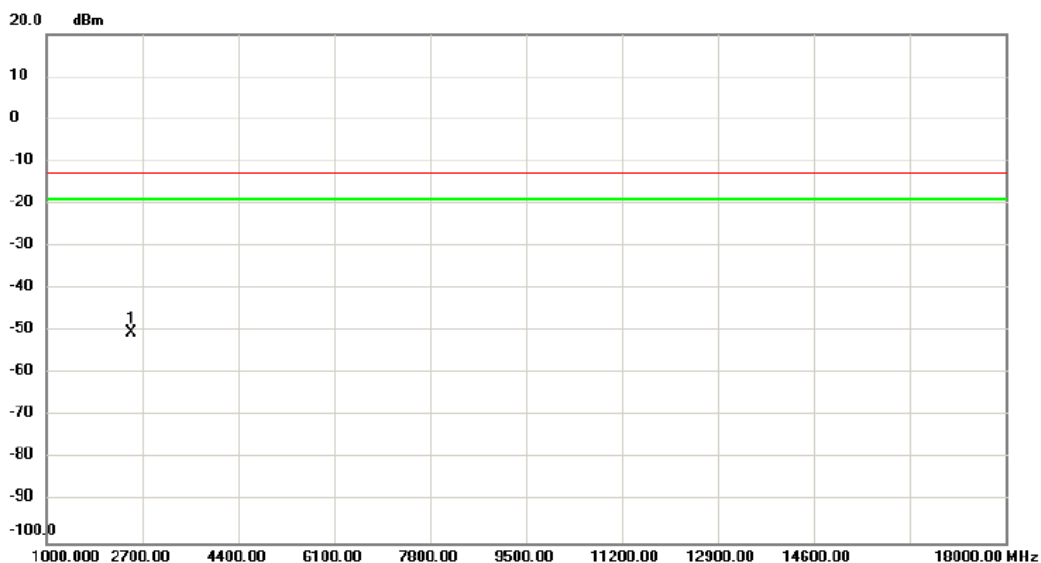
Test Mode	LTE Band 5_TX CH20525_1.4M_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14396.000	-57.24	19.13	-38.11	-13.00	-25.11	peak	

Test Mode	LTE Band 5_TX CH20525_1.4M_Main Antenna
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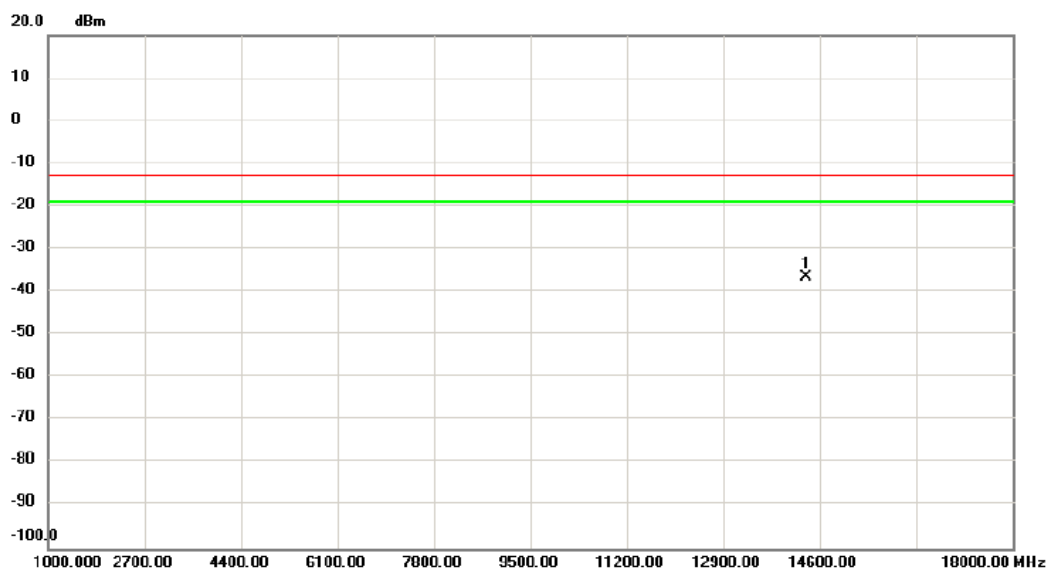
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2504.500	-48.69	-1.57	-50.26	-13.00	-37.26	peak	

Test Mode	LTE Band 5_TX CH20525_5M_Main Antenna
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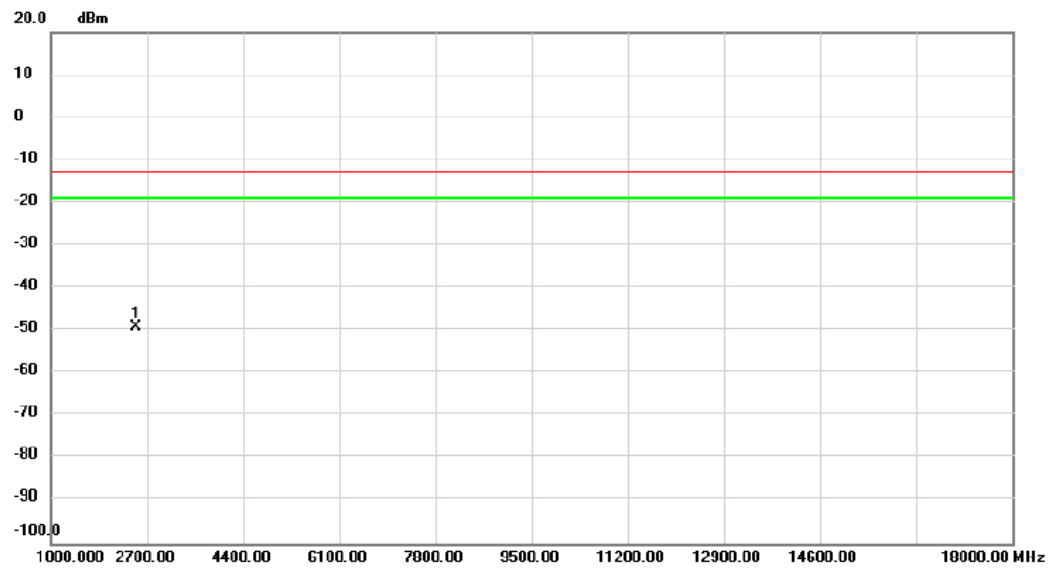
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	14353.500	-55.64	19.14	-36.50	-13.00	-23.50	peak	

Test Mode LTE Band 5_TX CH20525_5M_Main Antenna

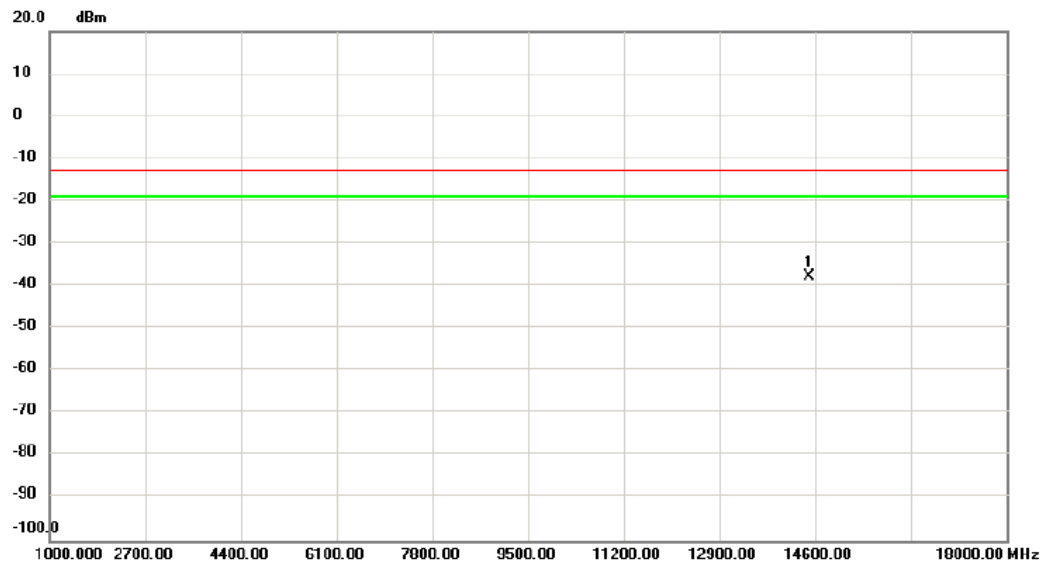
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2504.500	-47.53	-1.57	-49.10	-13.00	-36.10	peak	

Test Mode LTE Band 5_TX CH20525_10M_Main Antenna

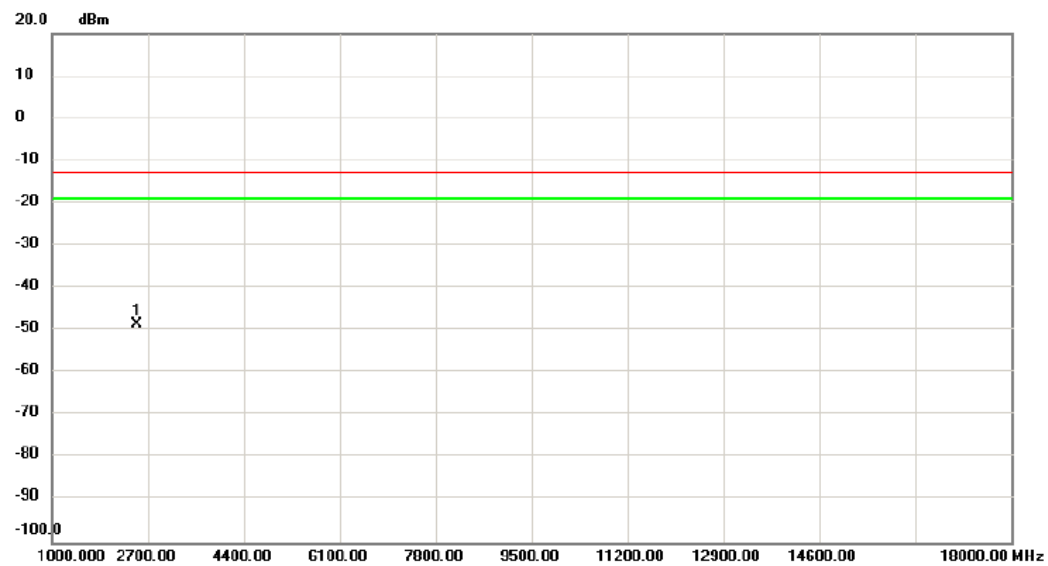
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14489.500	-56.89	19.10	-37.79	-13.00	-24.79	peak	

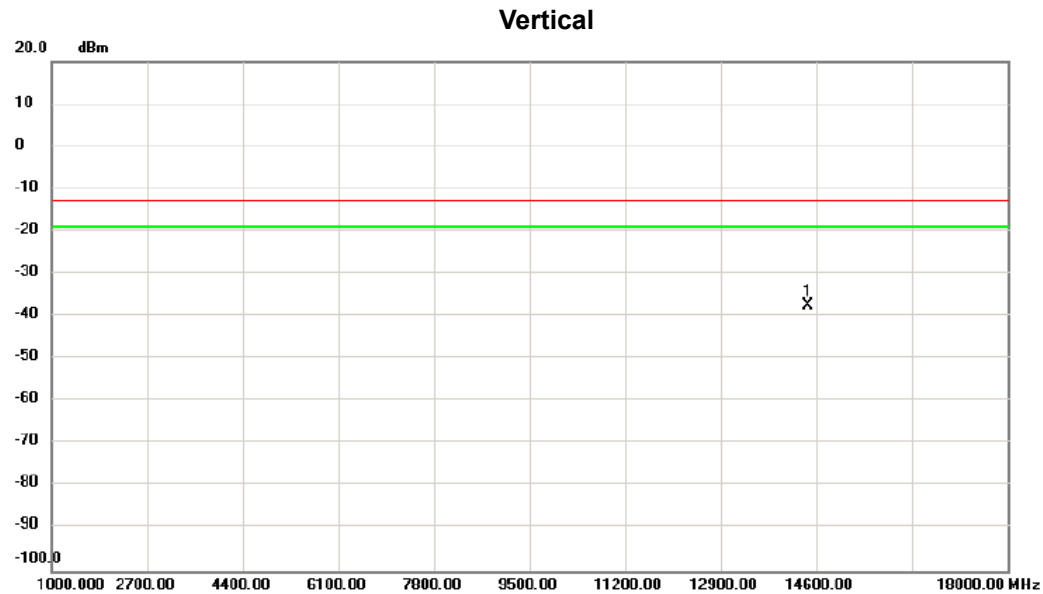
Test Mode	LTE Band 5_TX CH20525_10M_Main Antenna
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Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1	*	2496.000	-47.02	-1.60	-48.62	-13.00	-35.62	peak	

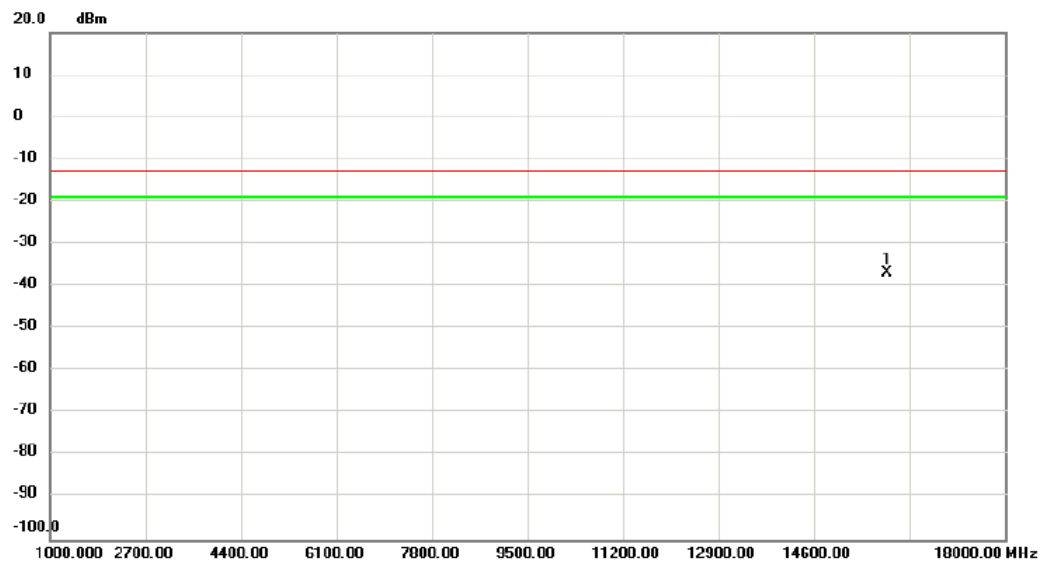
Test Mode	LTE Band 5_TX CH20525_1.4M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14455.500	-56.67	19.11	-37.56	-13.00	-24.56	peak	

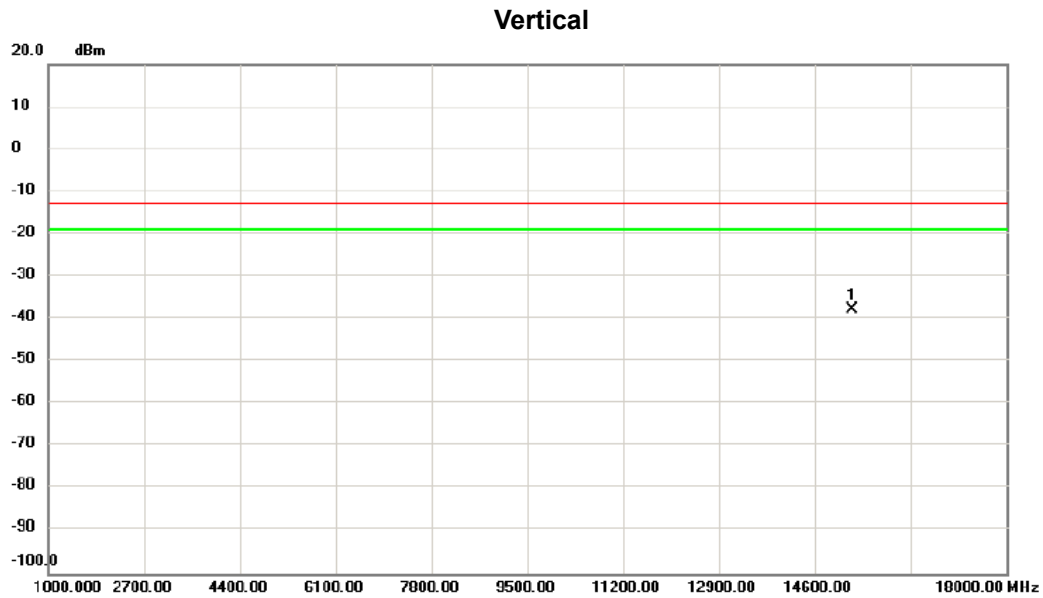
Test Mode	LTE Band 5_TX CH20525_1.4M_Second Antenna
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	15900.500	-54.50	17.58	-36.92	-13.00	-23.92	peak	

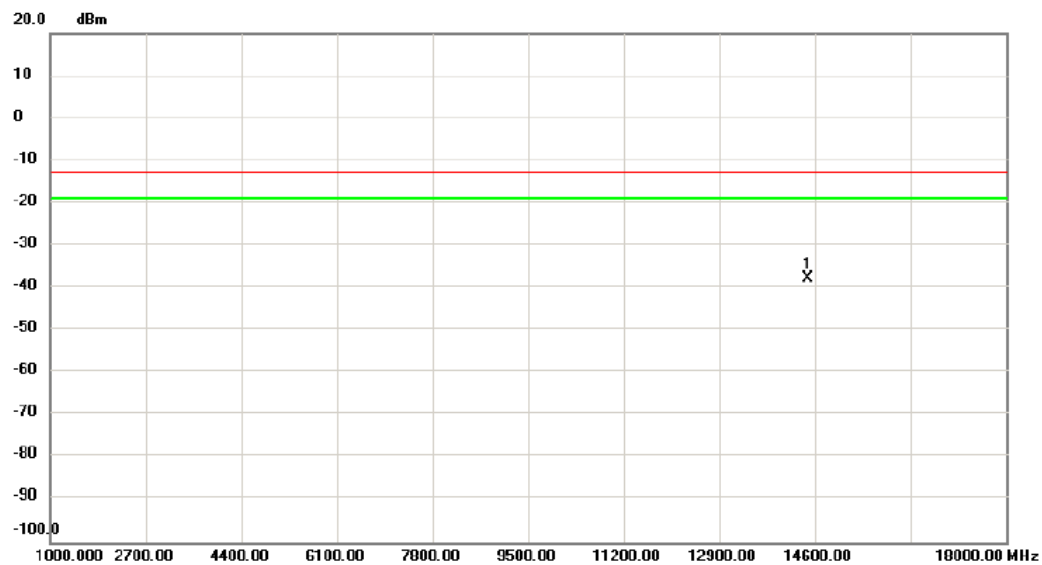
Test Mode	LTE Band 5_TX CH20525_5M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	15271.500	-54.93	17.29	-37.64	-13.00	-24.64	peak	

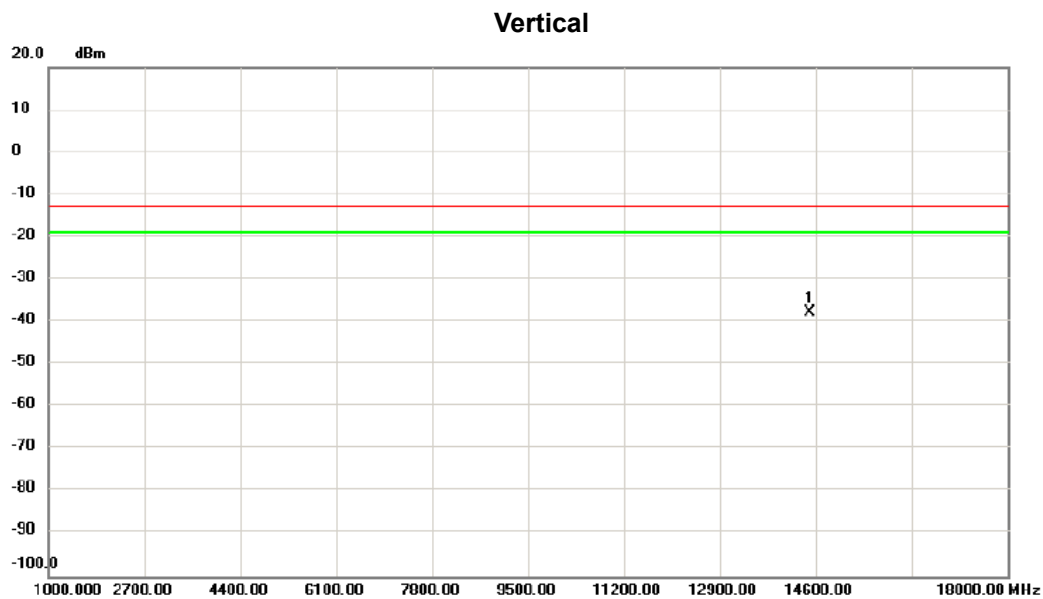
Test Mode LTE Band 5_TX CH20525_5M_Second Antenna

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14464.000	-56.89	19.11	-37.78	-13.00	-24.78	peak	

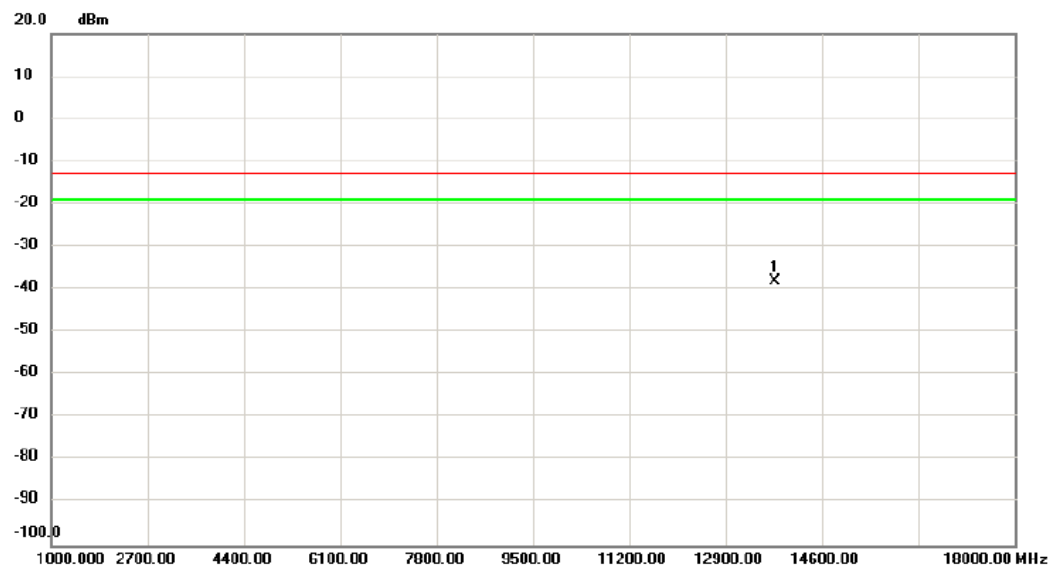
Test Mode	LTE Band 5_TX CH20525_10M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14498.000	-56.99	19.10	-37.89	-13.00	-24.89	peak	

Test Mode	LTE Band 5_TX CH20525_10M_Second Antenna
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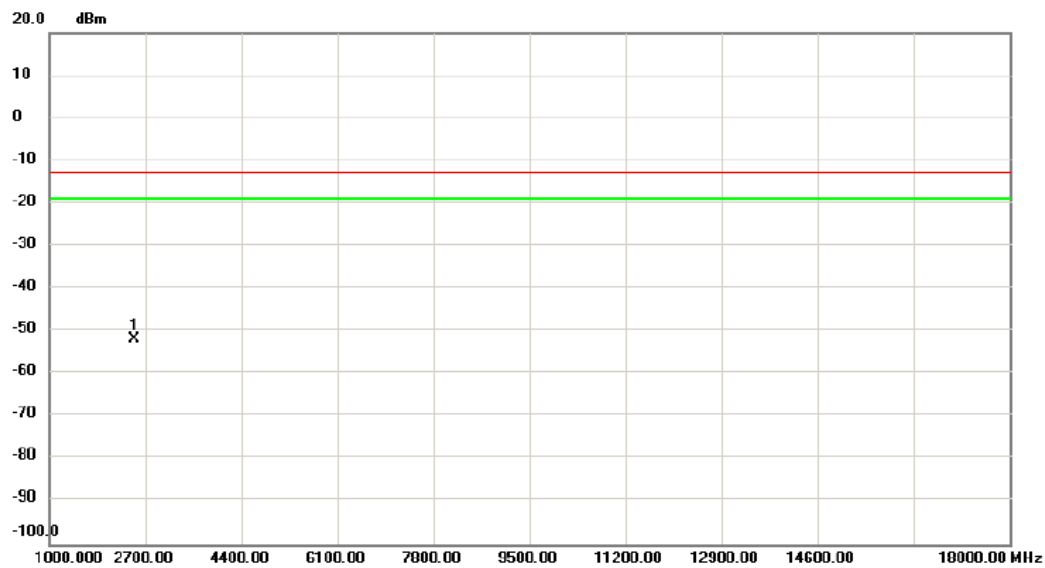
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	13767.000	-56.56	18.55	-38.01	-13.00	-25.01	peak	

Test Mode	LTE Band 26_TX CH26915_1.4M_Main Antenna
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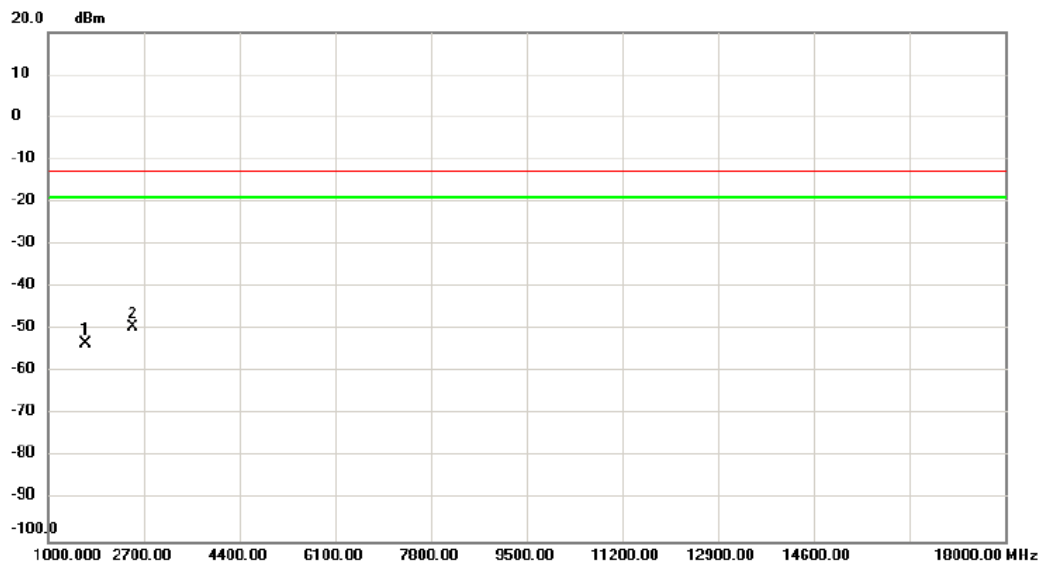
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2504.500	-50.26	-1.57	-51.83	-13.00	-38.83	peak	

Test Mode	LTE Band 26_TX CH26915_1.4M_Main Antenna
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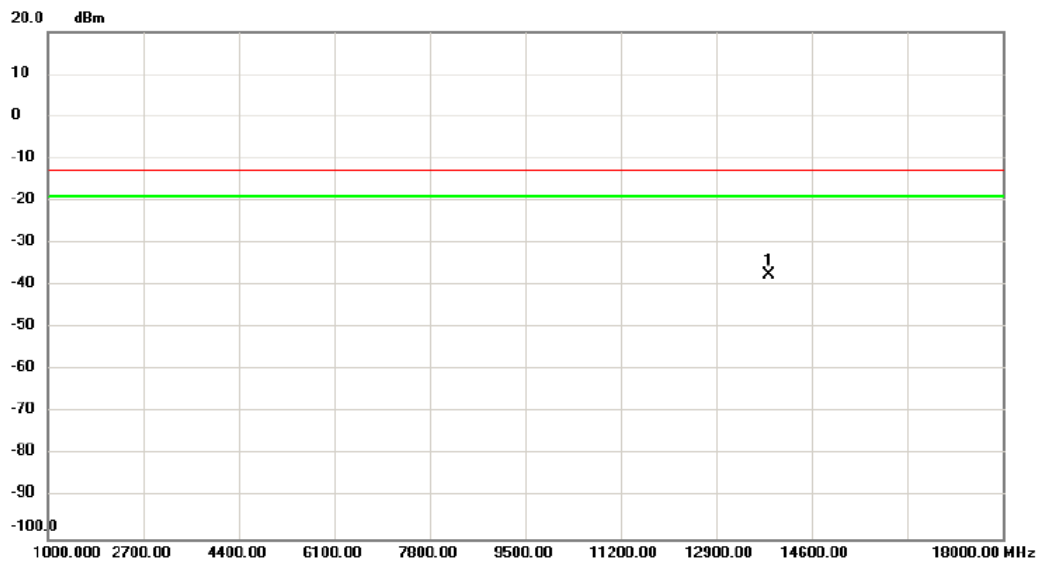
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1671.500	-49.39	-4.08	-53.47	-13.00	-40.47	peak	
2	*	2504.500	-48.01	-1.57	-49.58	-13.00	-36.58	peak	

Test Mode LTE Band 26_TX CH26915_5M_Main Antenna

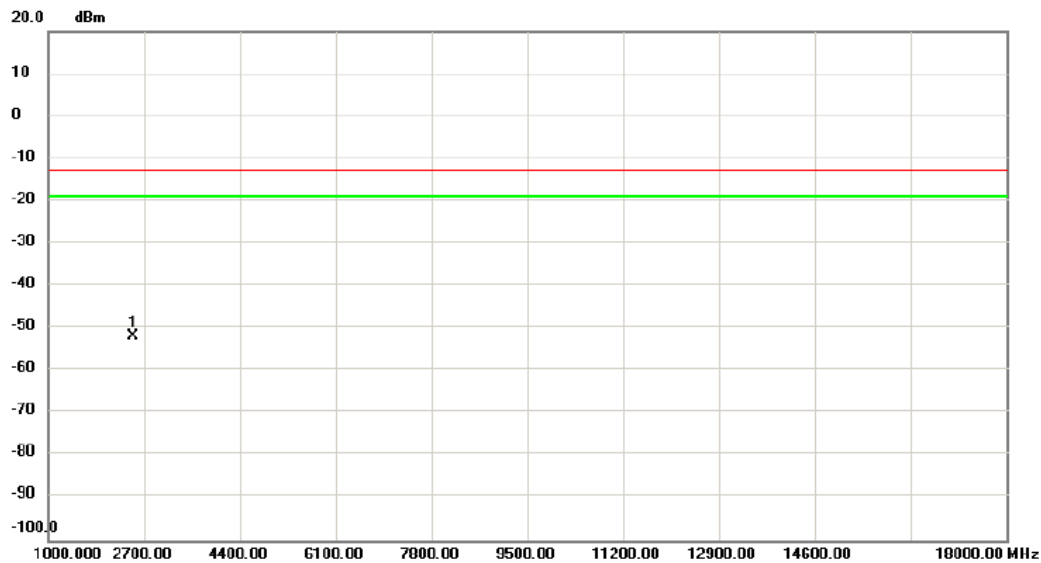
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	13835.000	-56.13	18.75	-37.38	-13.00	-24.38	peak	

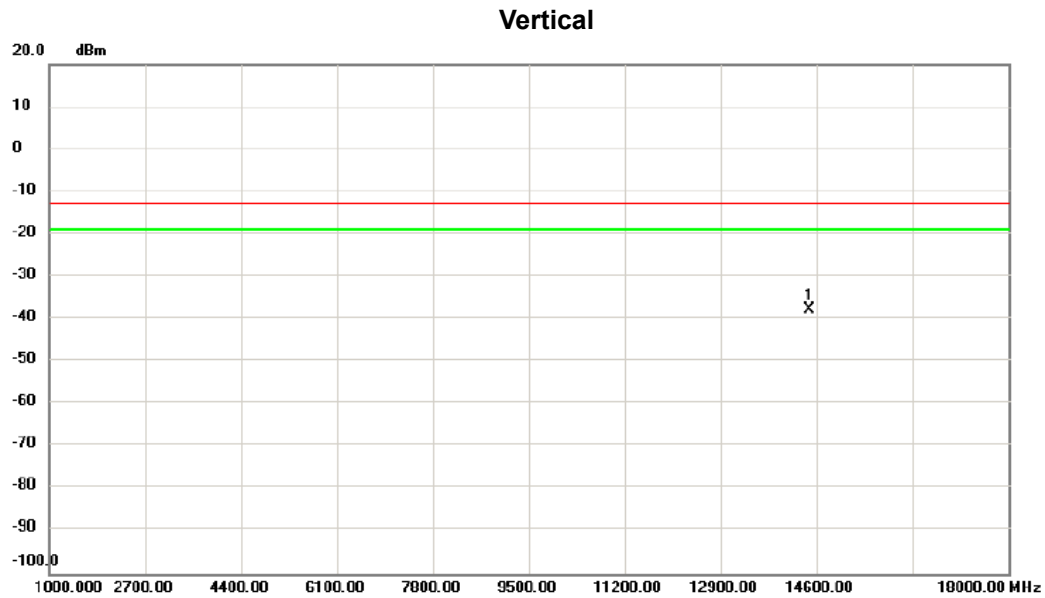
Test Mode	LTE Band 26_TX CH26915_5M_Main Antenna
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2504.500	-50.14	-1.57	-51.71	-13.00	-38.71	peak	

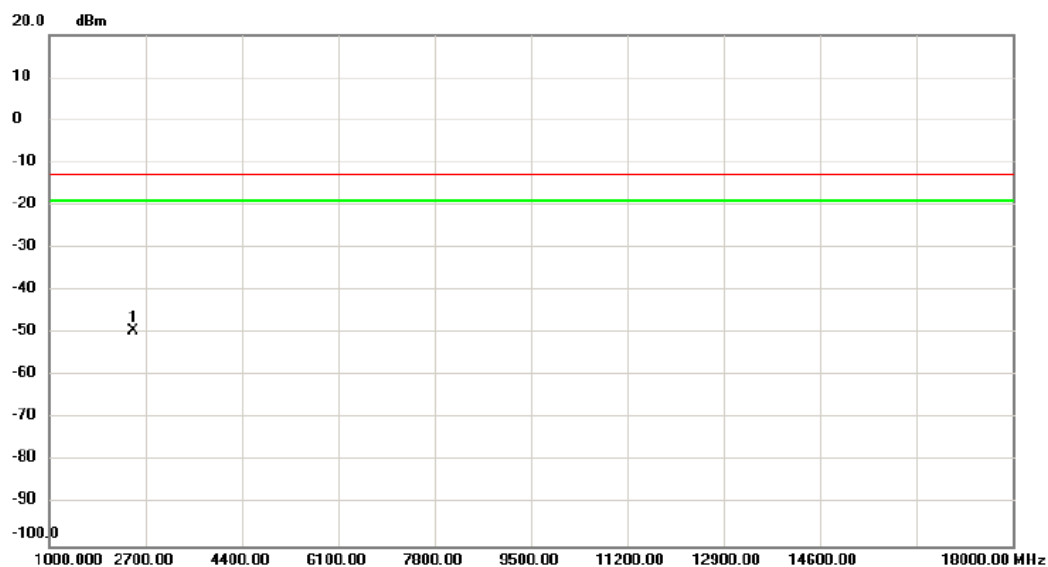
Test Mode	LTE Band 26_TX CH26915_15M_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14481.000	-56.82	19.11	-37.71	-13.00	-24.71	peak	

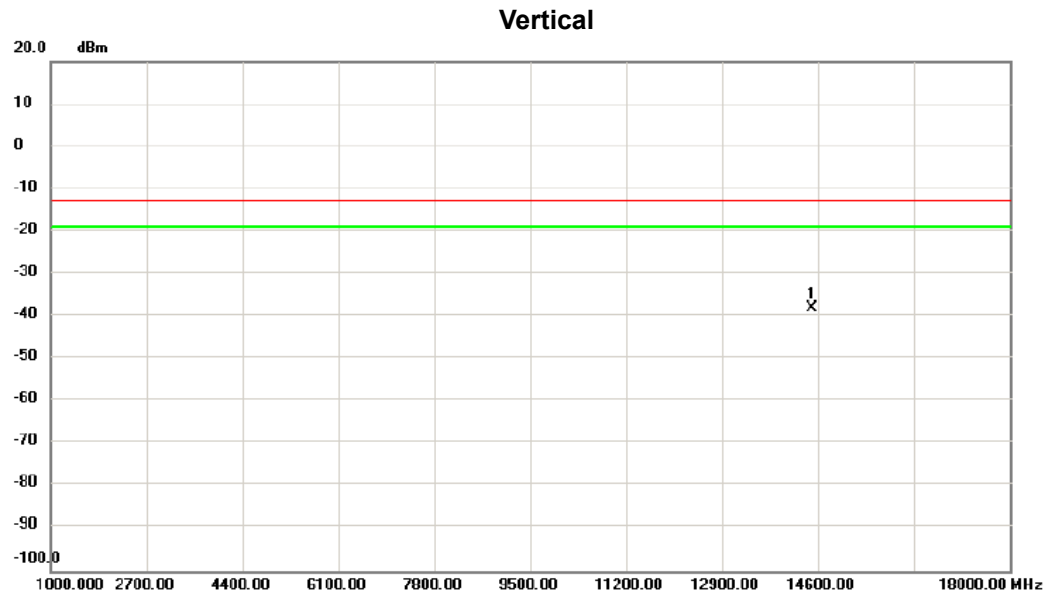
Test Mode	LTE Band 26_TX CH26915_15M_Main Antenna
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Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2487.500	-47.72	-1.61	-49.33	-13.00	-36.33	peak	

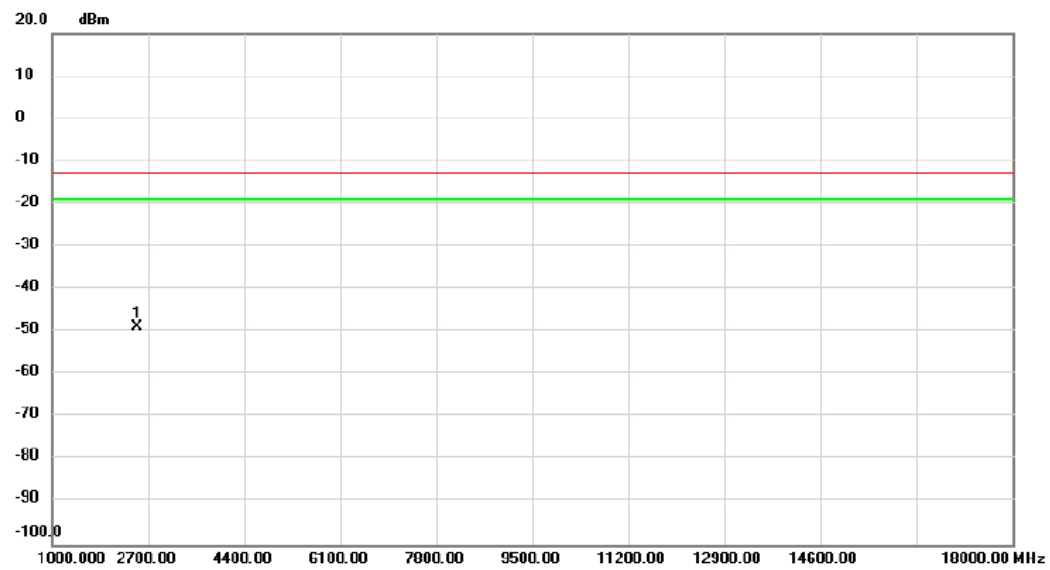
Test Mode	LTE Band 26_TX CH26915_1.4M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14498.000	-57.26	19.10	-38.16	-13.00	-25.16	peak	

Test Mode	LTE Band 26_TX CH26915_1.4M_Second Antenna
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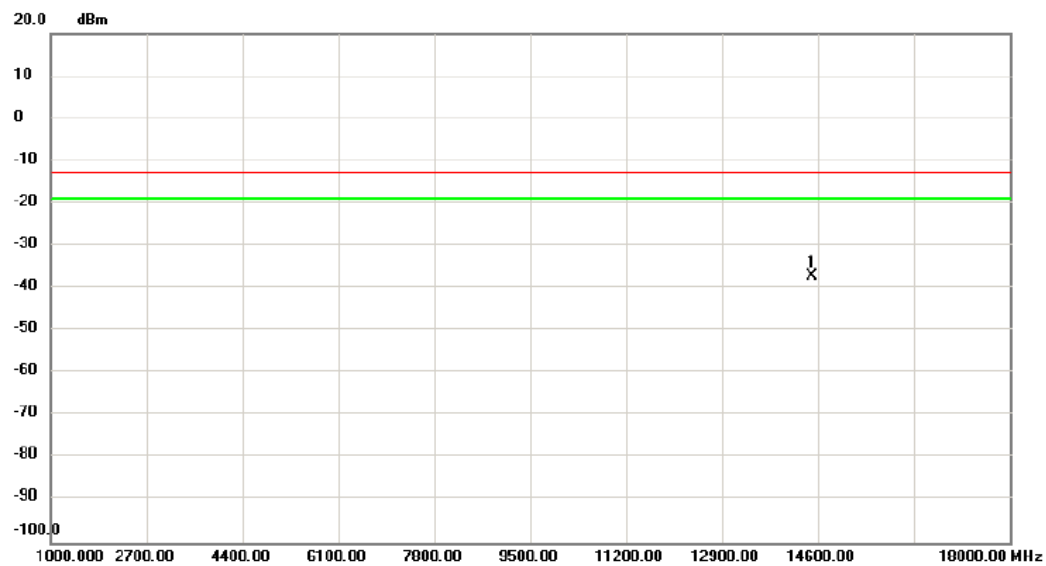
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2504.500	-47.30	-1.57	-48.87	-13.00	-35.87	peak	

Test Mode	LTE Band 26_TX CH26915_5M_Second Antenna
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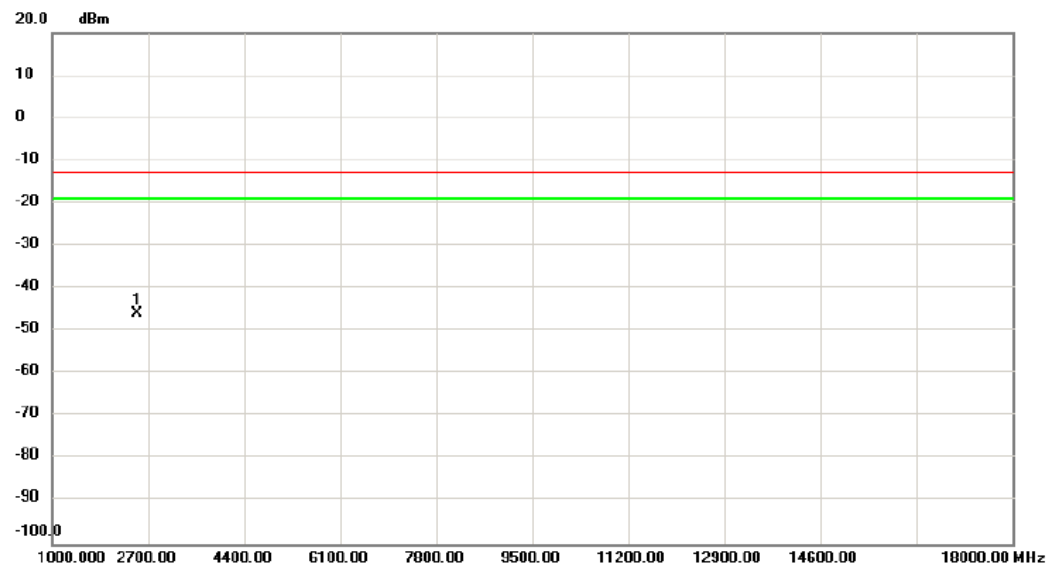
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	14489.500	-56.28	19.10	-37.18	-13.00	-24.18	peak	

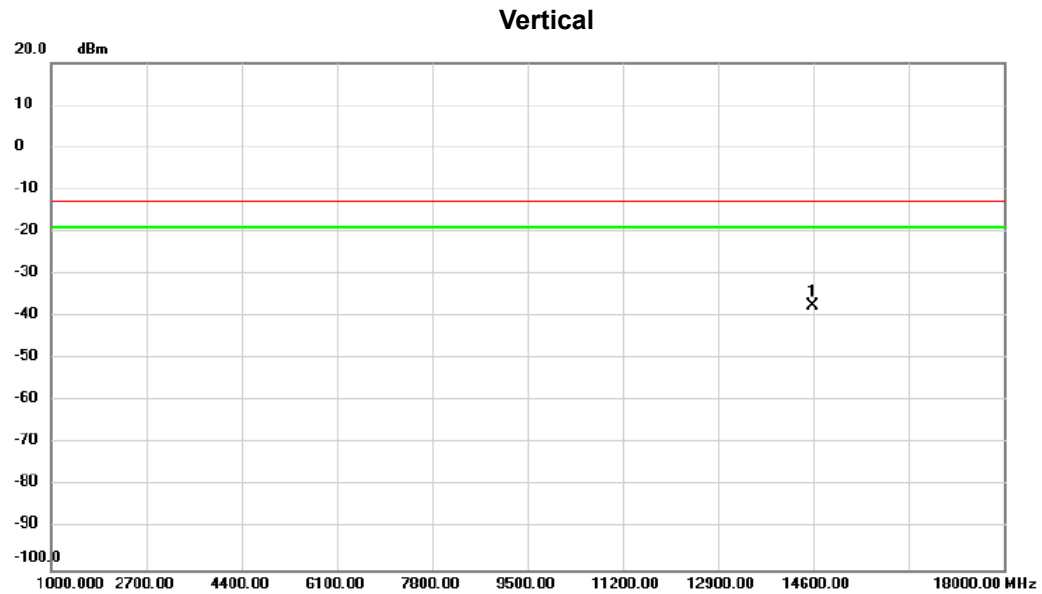
Test Mode	LTE Band 26_TX CH26915_5M_Second Antenna
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Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2504.500	-44.25	-1.57	-45.82	-13.00	-32.82	peak	

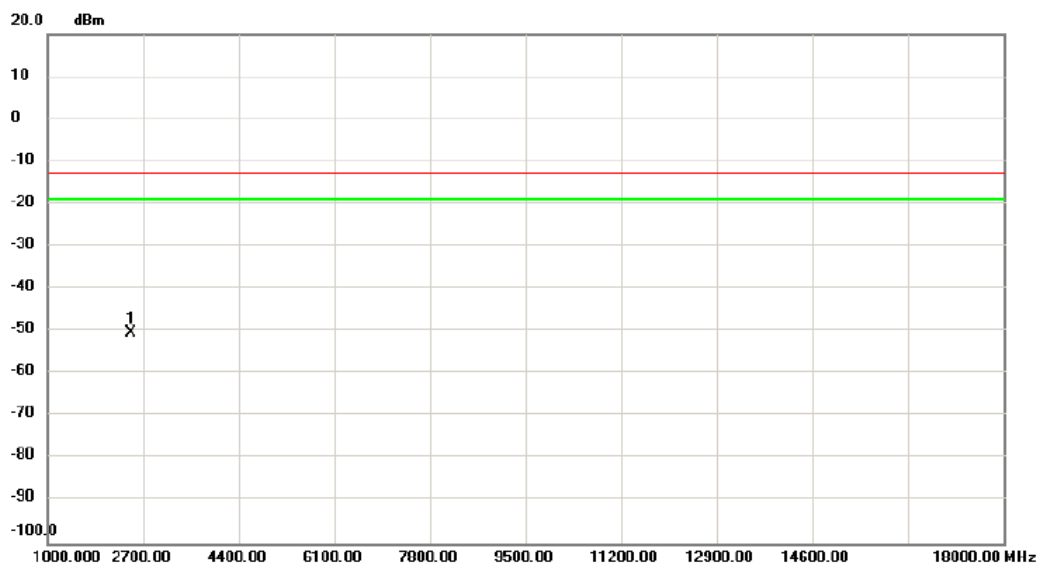
Test Mode	LTE Band 26_TX CH26915_15M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	14591.500	-56.34	18.83	-37.51	-13.00	-24.51	peak	

Test Mode	LTE Band 26_TX CH26915_15M_Second Antenna
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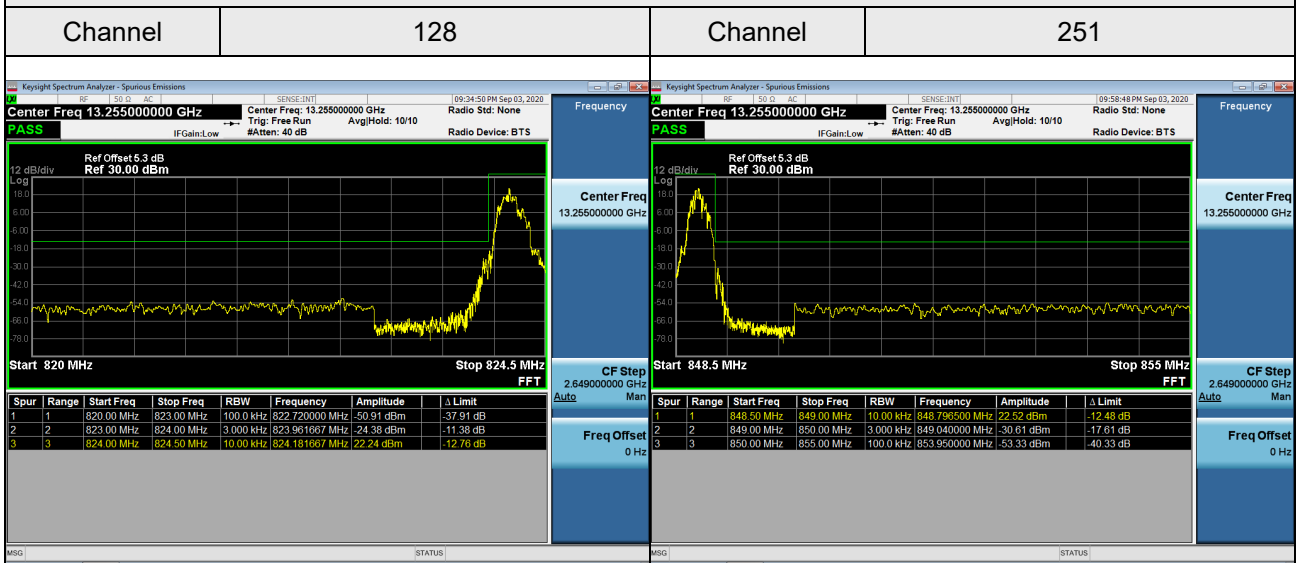
Horizontal



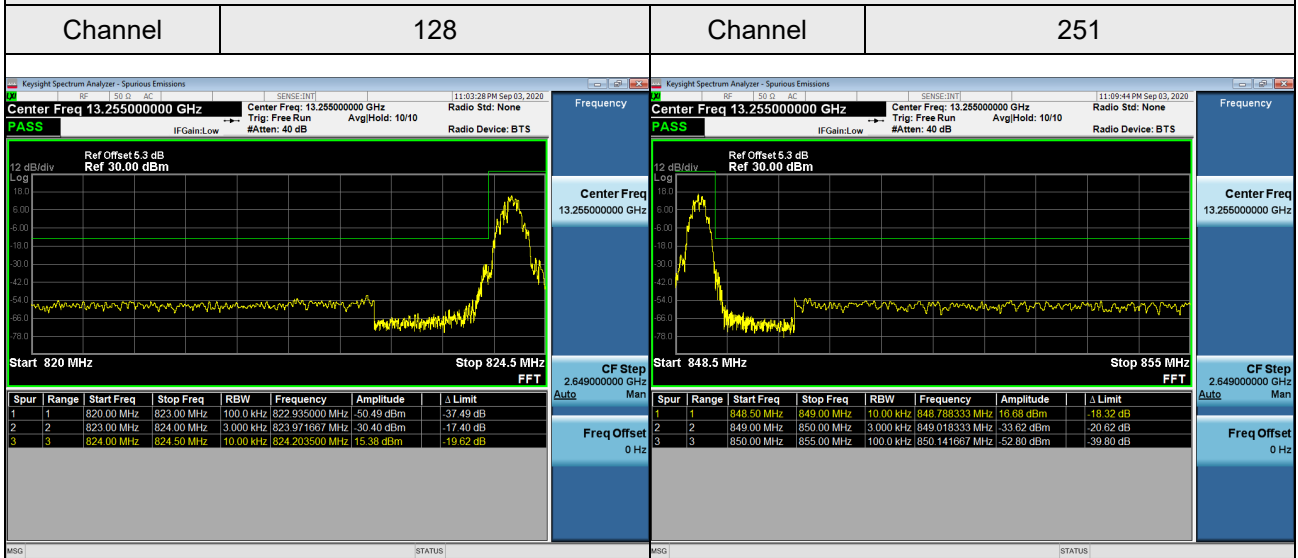
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2487.500	-48.70	-1.61	-50.31	-13.00	-37.31	peak	

APPENDIX G - BAND EDGE

GSM850_GSM Spectrum Plot



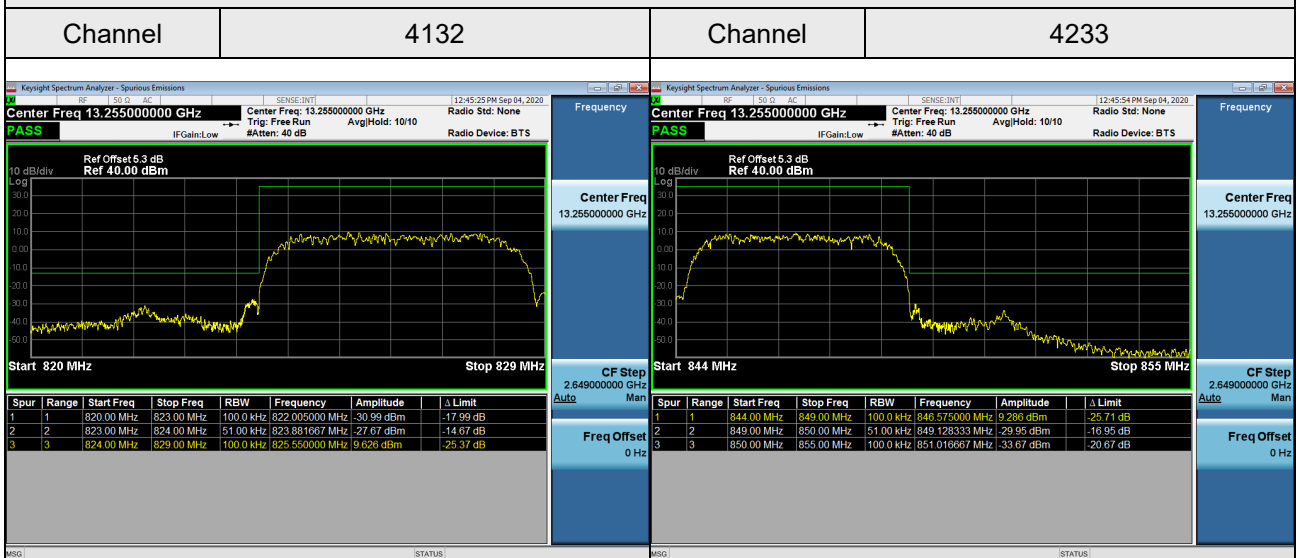
GSM850_EDGE Spectrum Plot



WCDMA Band V_WCDMA Spectrum Plot



WCDMA Band V_HSDPA Spectrum Plot



WCDMA Band V_HSUPA Spectrum Plot



LTE Band 5_1.4M Spectrum Plot

1RB#0

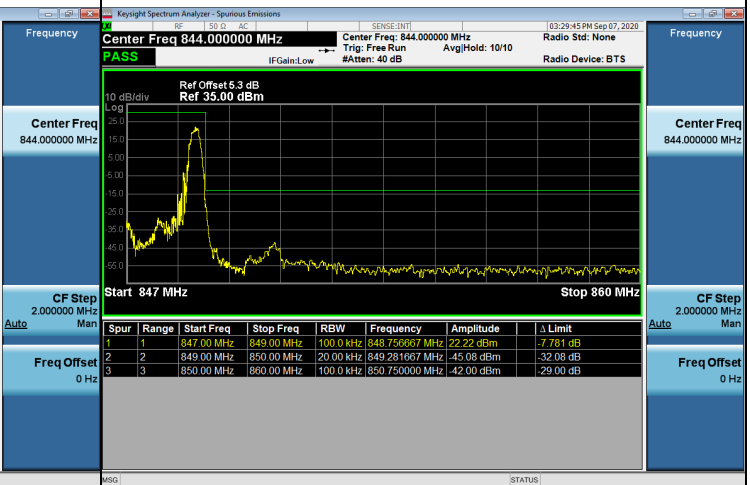
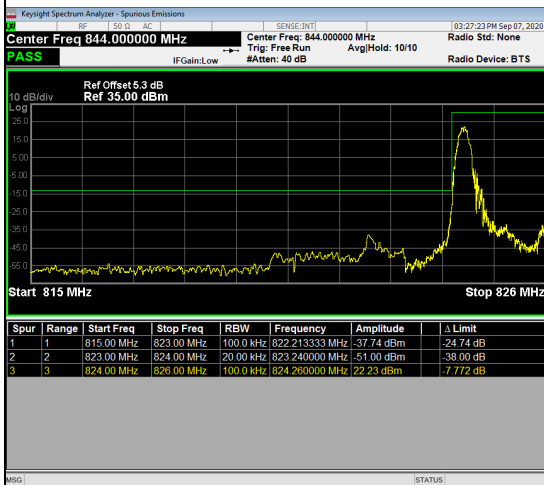
1RB#5

Channel

20407

Channel

20643



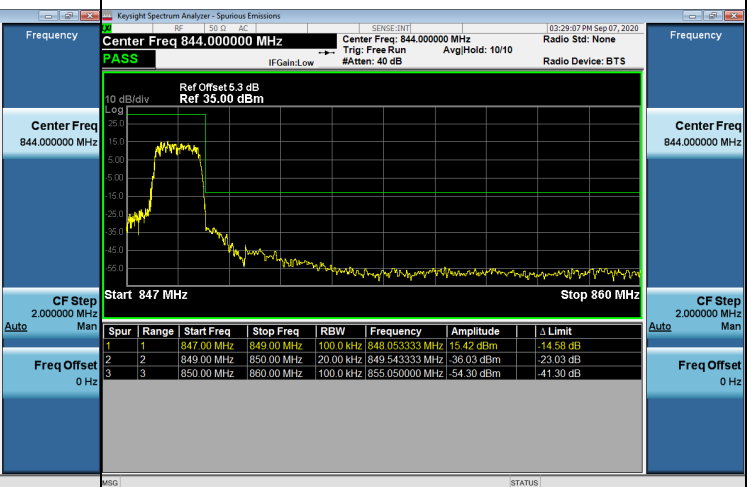
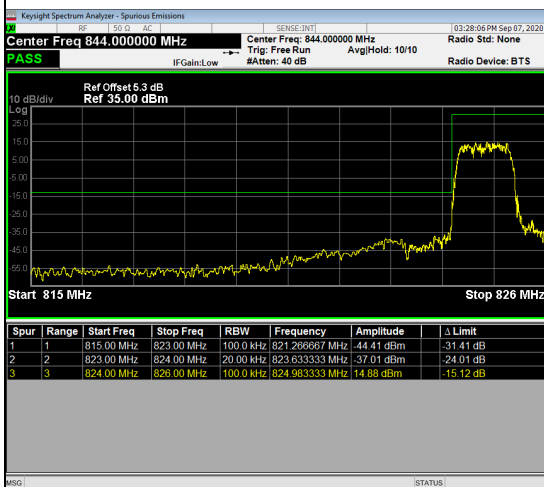
6RB#0

Channel

20407

Channel

20643



LTE Band 5_3M Spectrum Plot

1RB#0

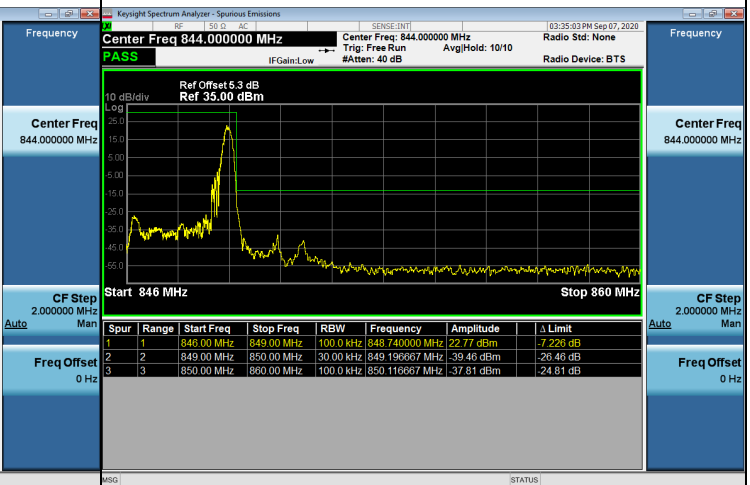
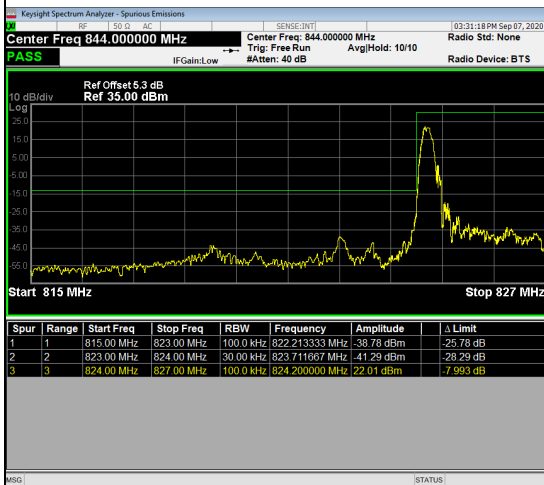
1RB#14

Channel

20415

Channel

20635



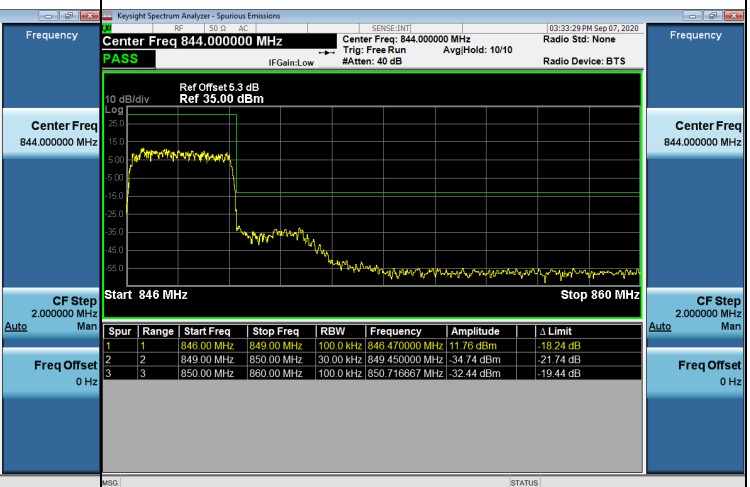
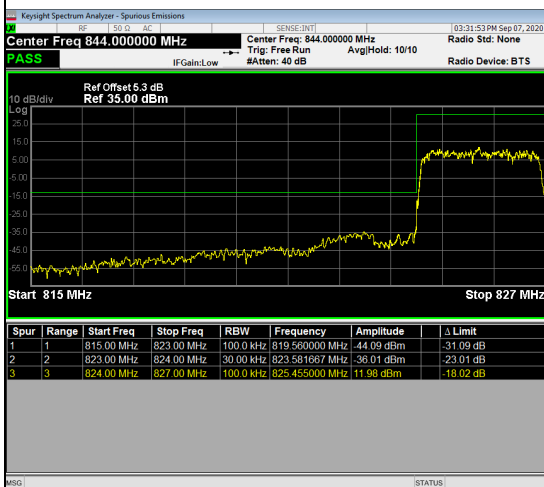
15RB#0

Channel

20415

Channel

20635



LTE Band 5_5M Spectrum Plot

1RB#0

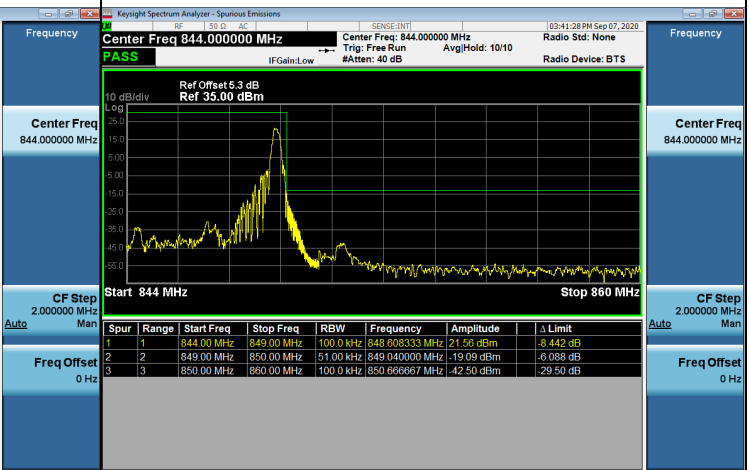
1RB#24

Channel

20425

Channel

20625



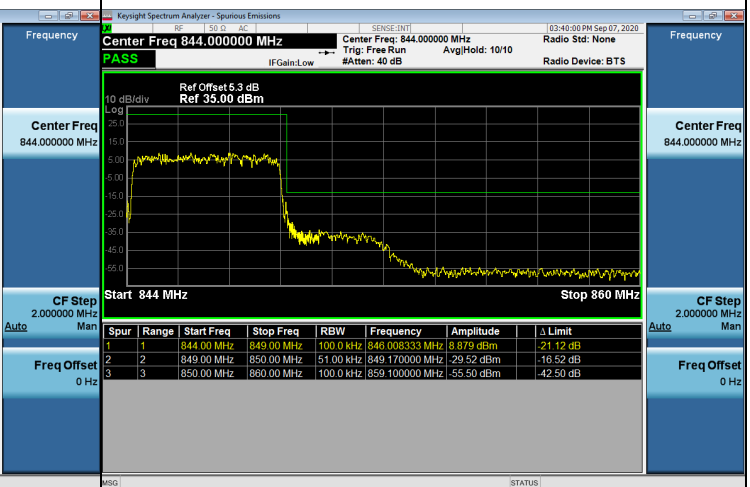
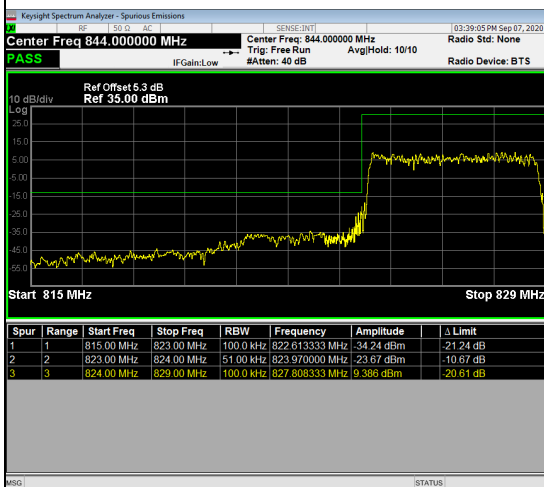
25RB#0

Channel

20425

Channel

20625



LTE Band 5_10M Spectrum Plot

1RB#0

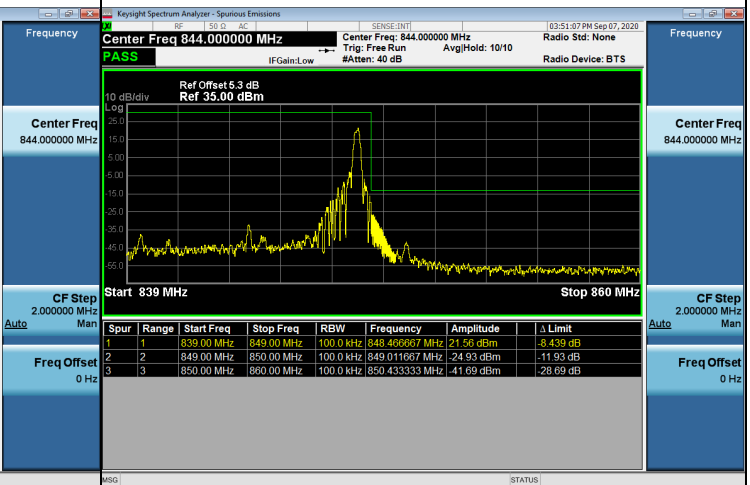
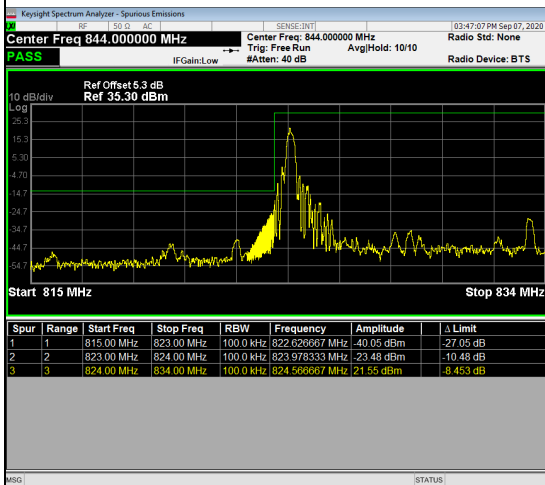
1RB#49

Channel

20450

Channel

20600



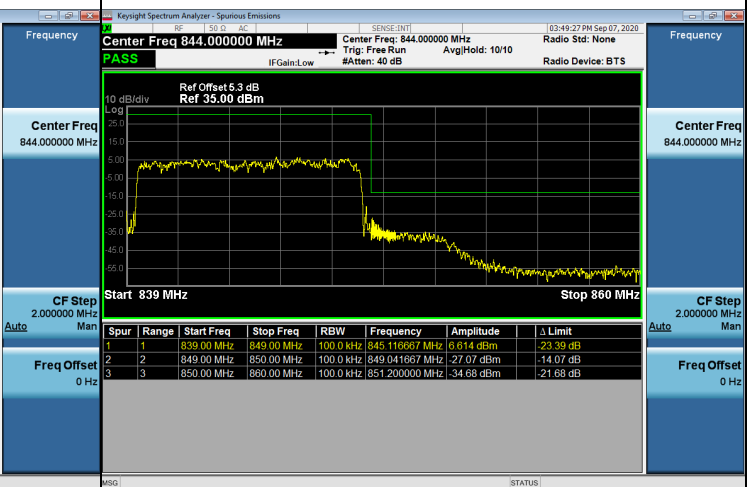
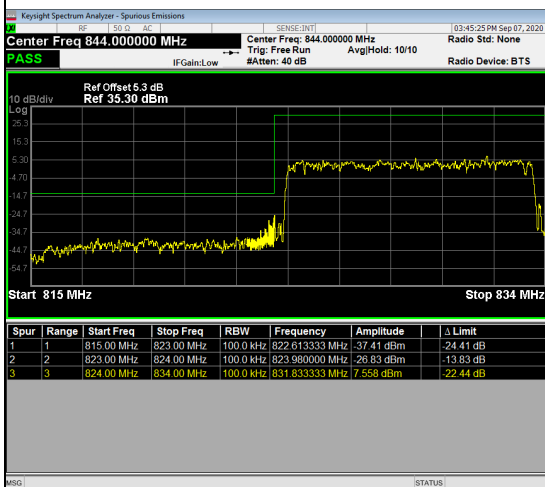
50RB#0

Channel

20450

Channel

20600



LTE Band 26_1.4M Spectrum Plot

1RB#0

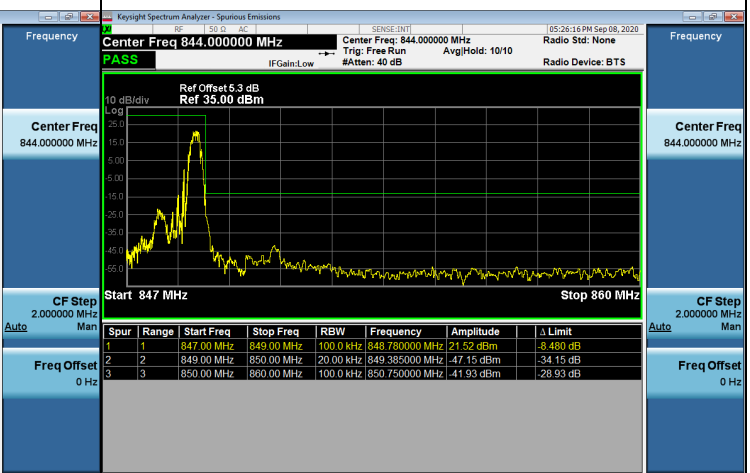
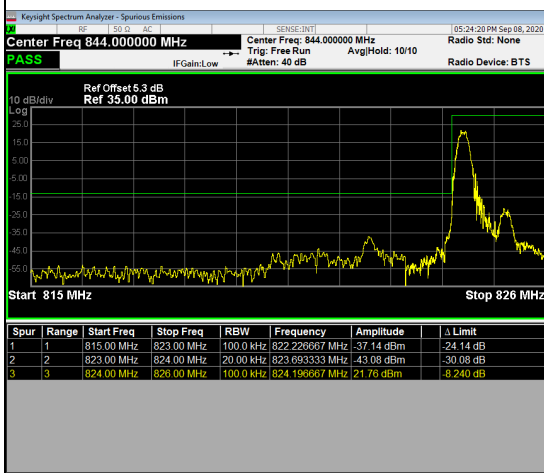
1RB#5

Channel

26797

Channel

27033



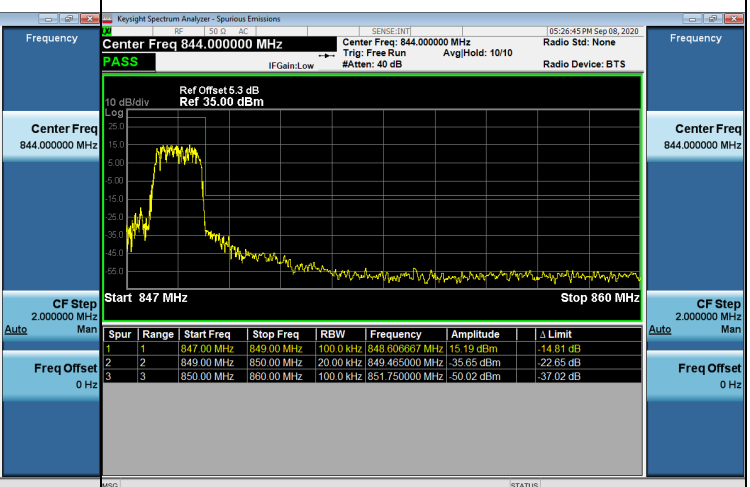
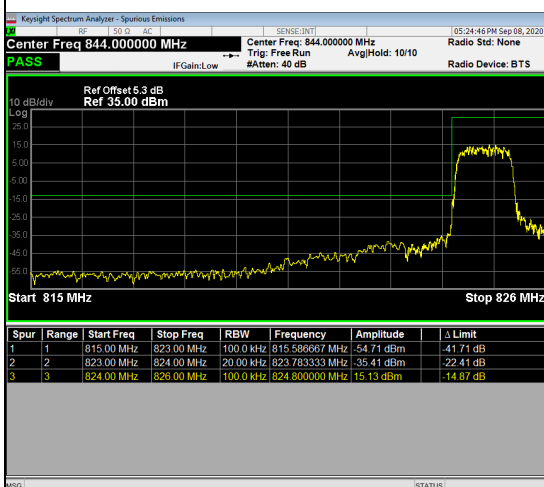
6RB#0

Channel

26797

Channel

27033



LTE Band 26_3M Spectrum Plot

1RB#0

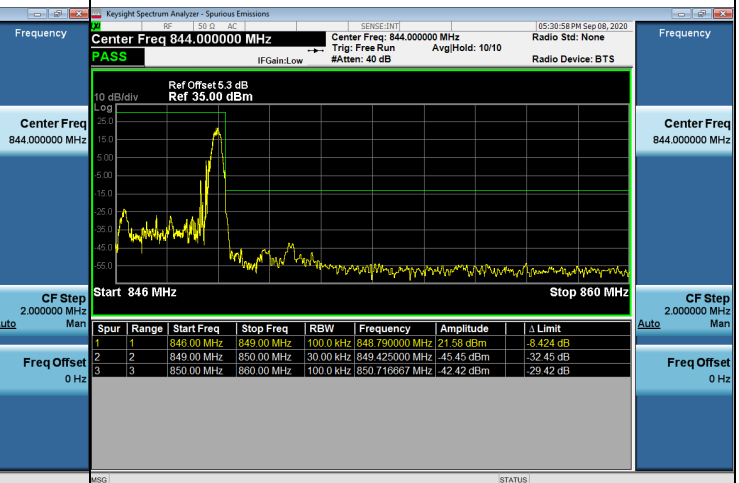
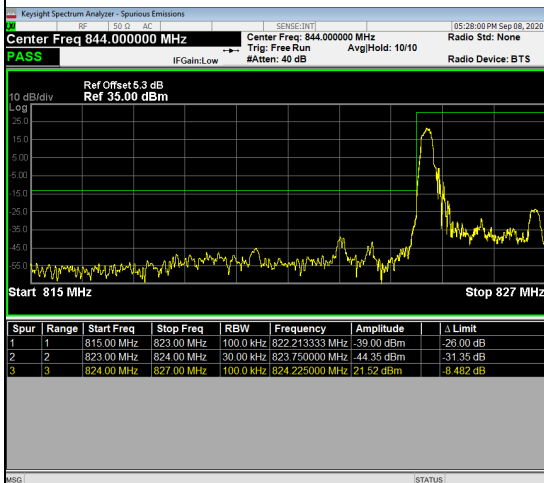
1RB#14

Channel

26805

Channel

27025



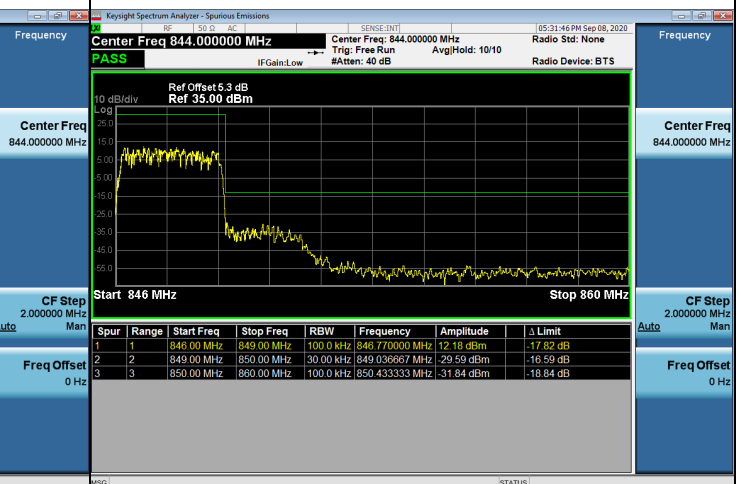
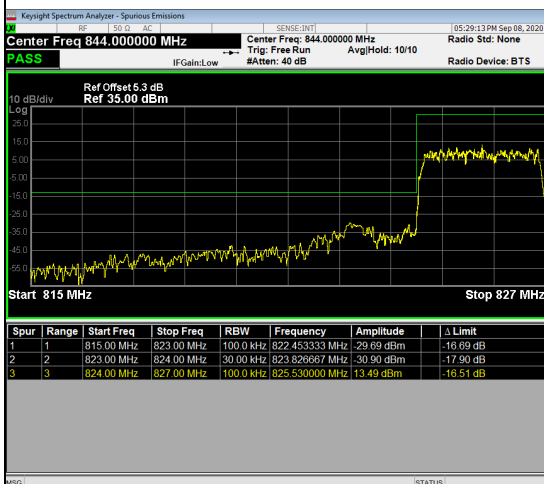
15RB#0

Channel

26805

Channel

27025



LTE Band 26_5M Spectrum Plot

1RB#0

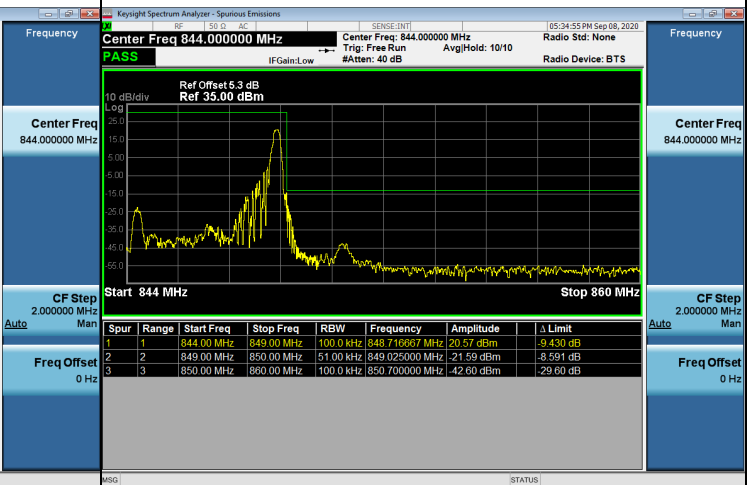
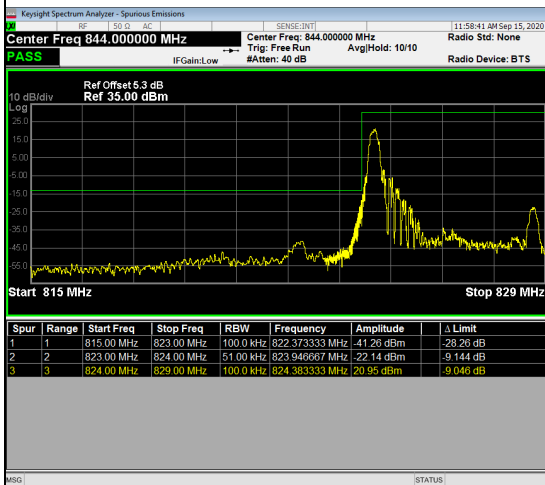
1RB#24

Channel

26815

Channel

27015



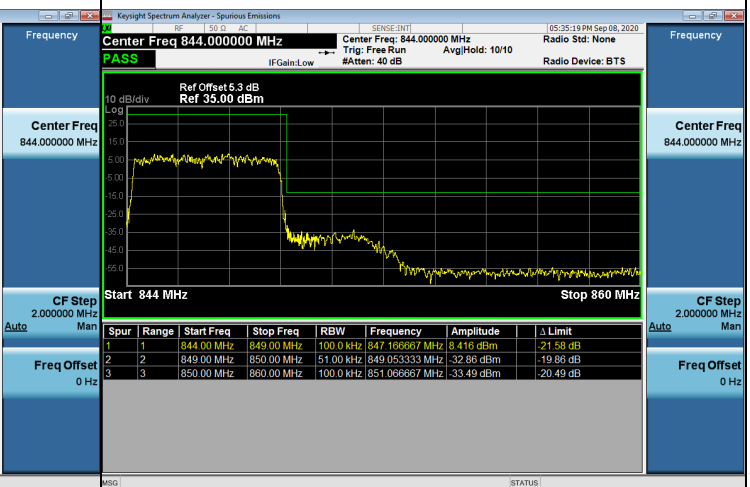
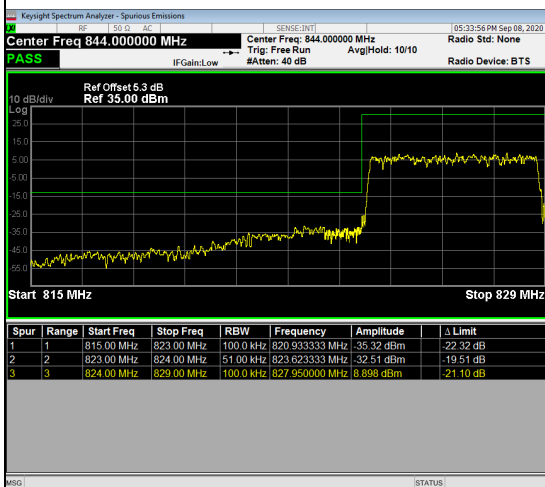
25RB#0

Channel

26815

Channel

27015



LTE Band 26_10M Spectrum Plot

1RB#0

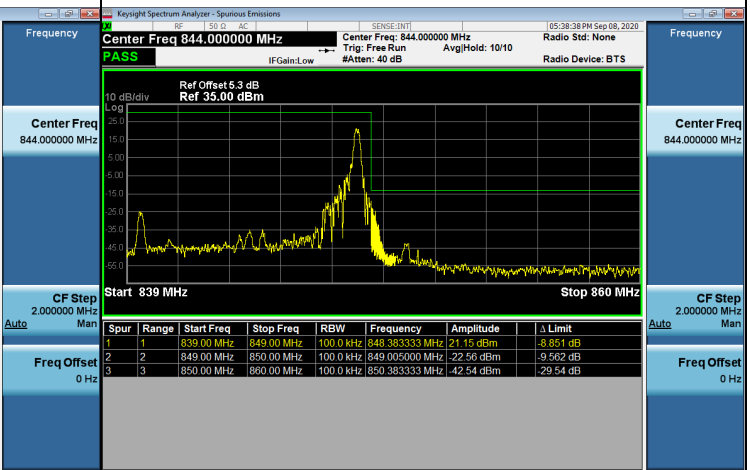
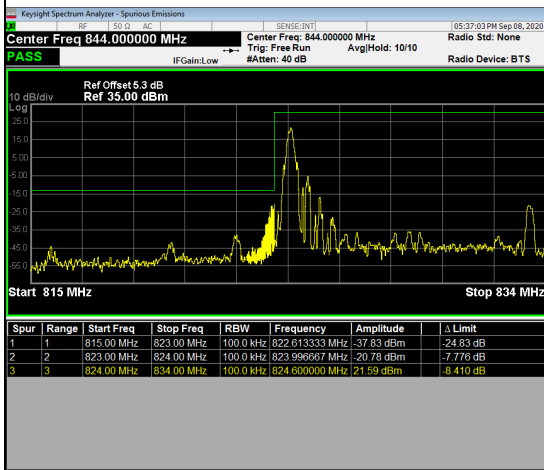
1RB#49

Channel

26840

Channel

26690



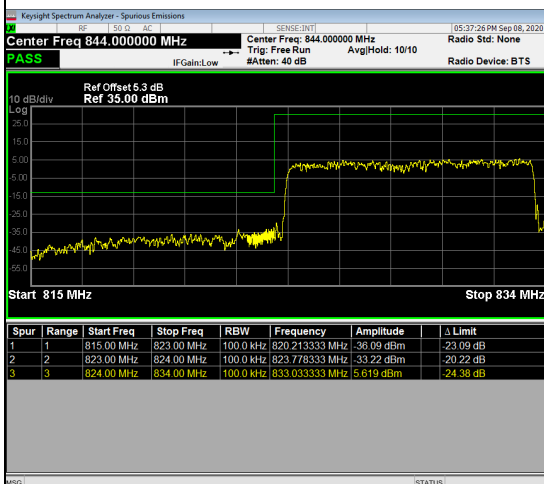
50RB#0

Channel

26840

Channel

26690



LTE Band 26_15M Spectrum Plot

1RB#0

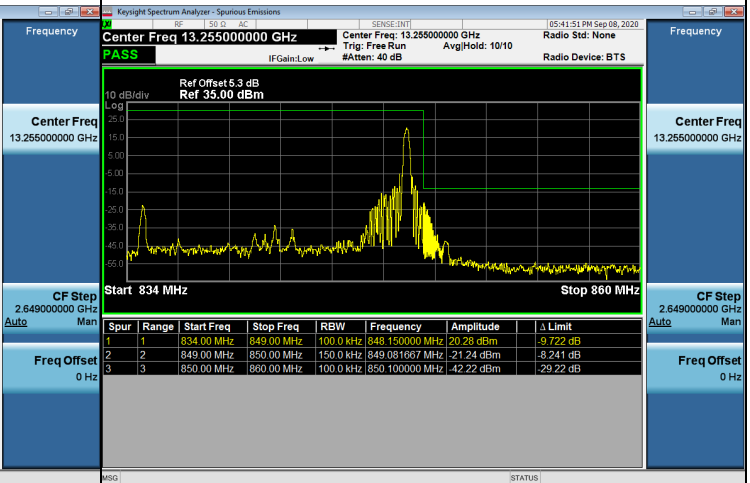
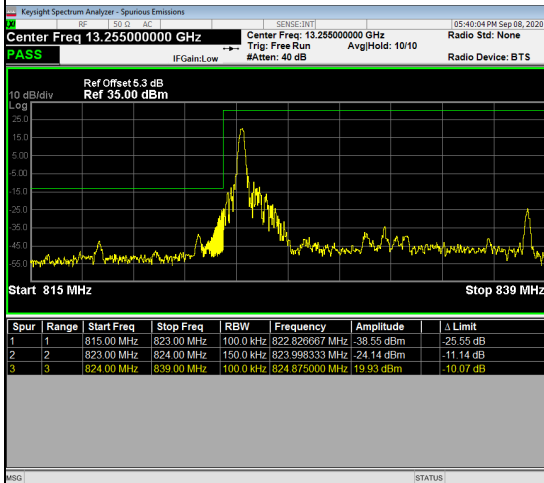
1RB#74

Channel

26865

Channel

26965



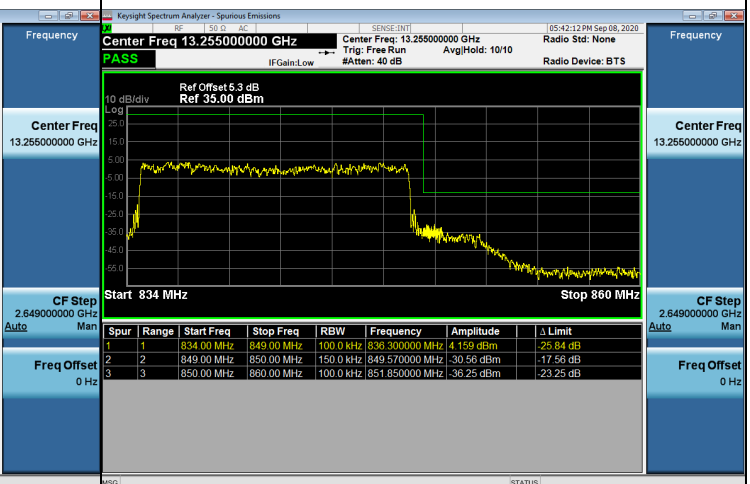
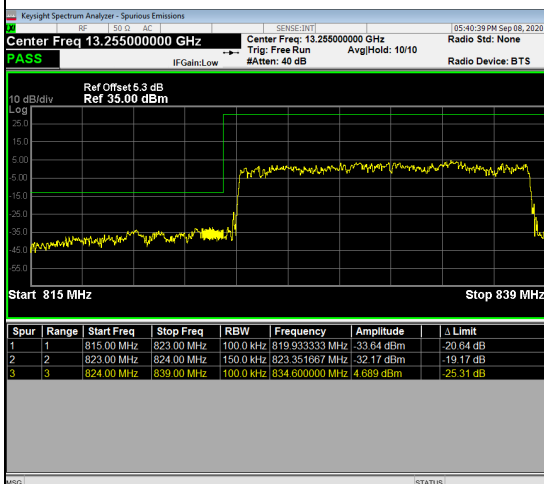
75RB#0

Channel

26865

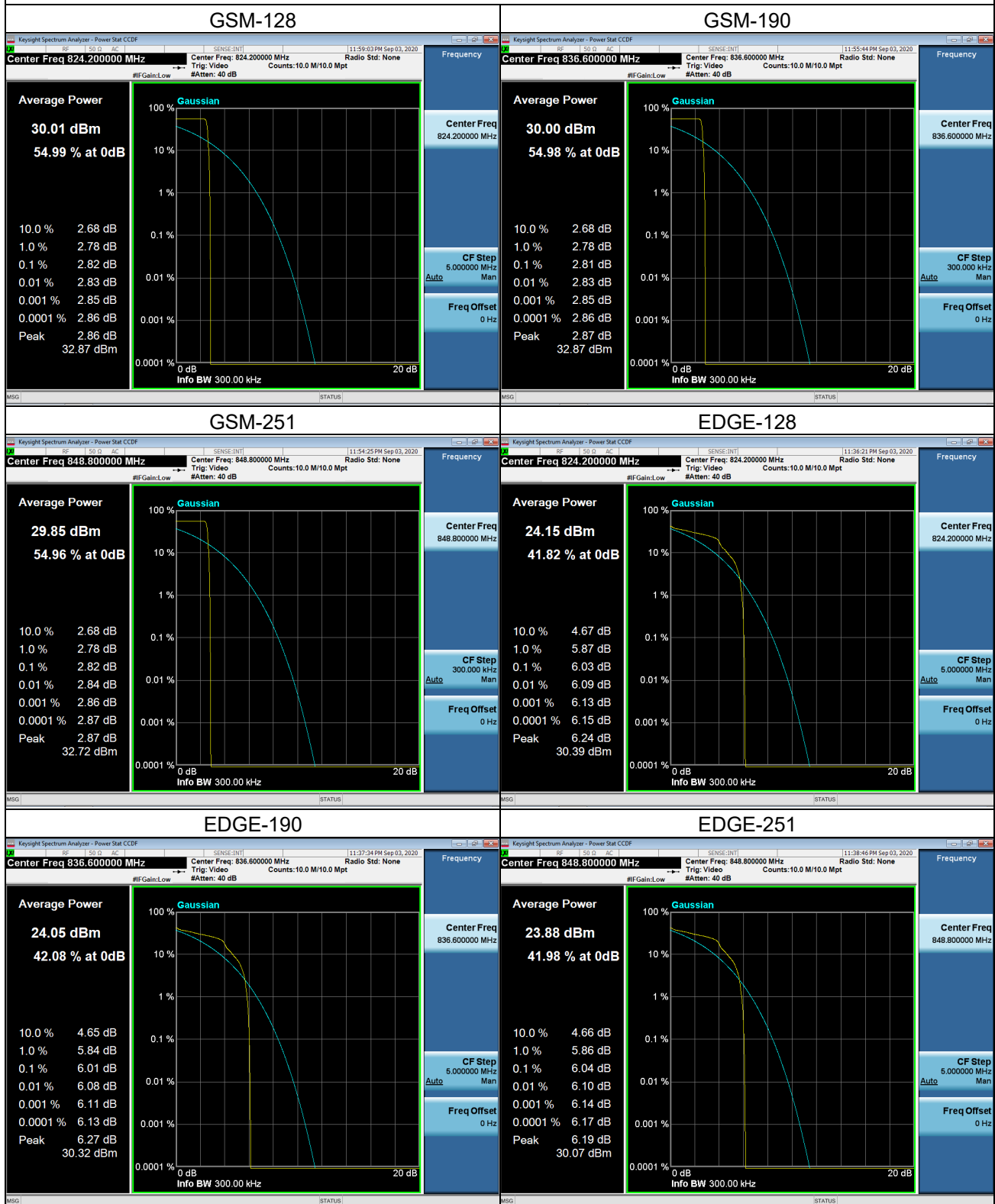
Channel

26965



APPENDIX H - PEAK TO AVERAGE RATIO

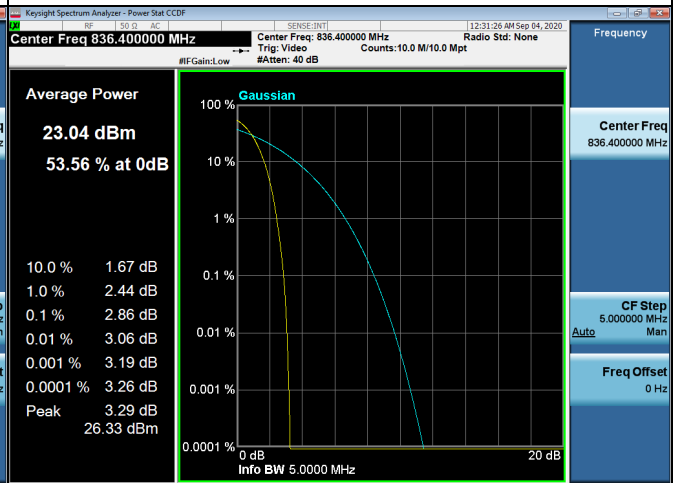
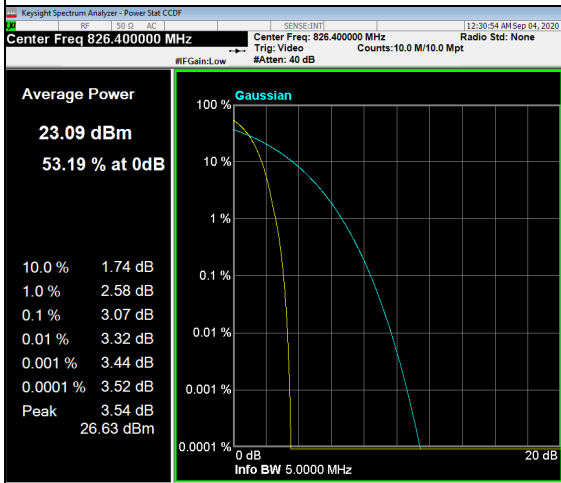
GSM 850 Spectrum Plot



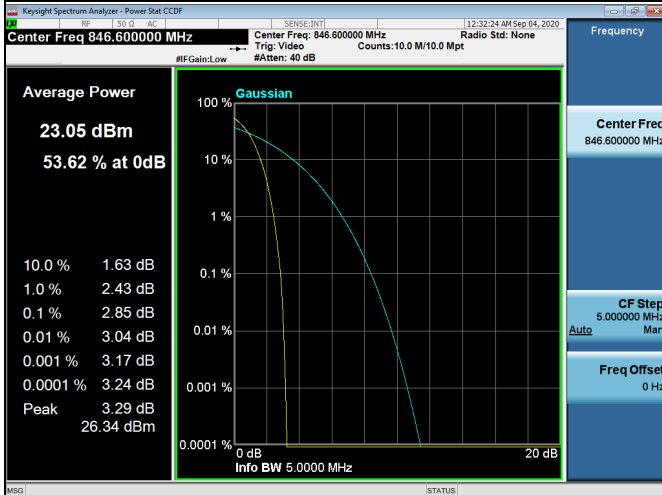
WCDMA Band V_WCDMA Spectrum Plot

4132

4182



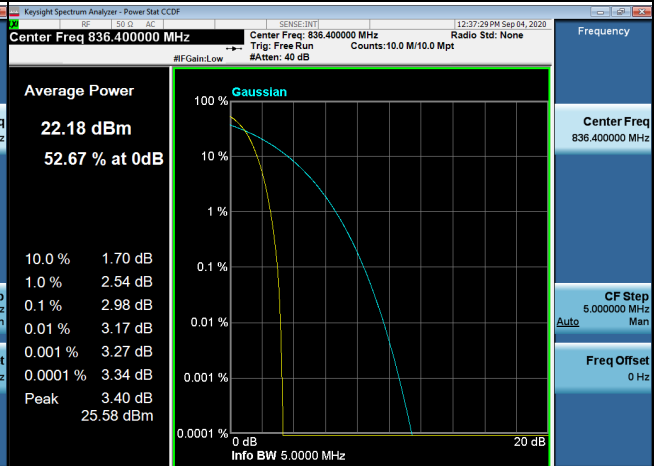
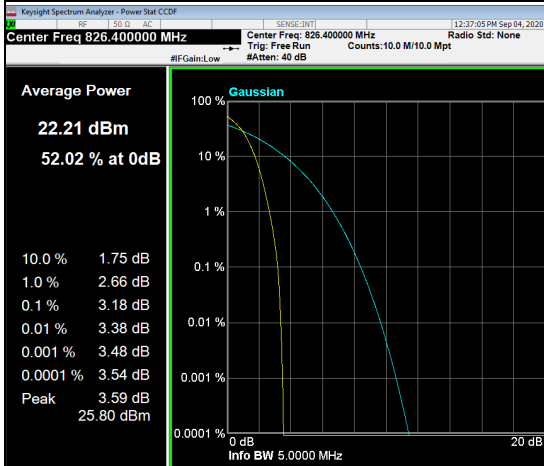
4233



WCDMA Band V_HSDPA Spectrum Plot

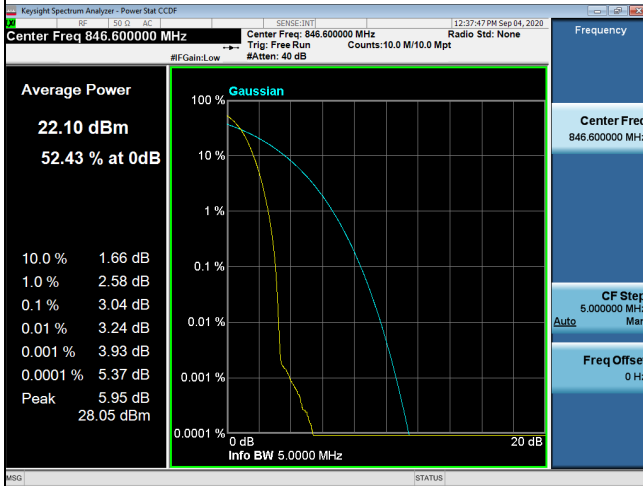
4132

4182



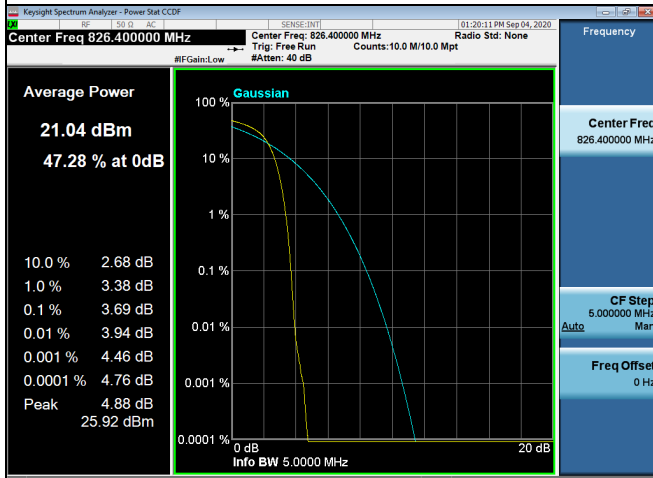
4233

-

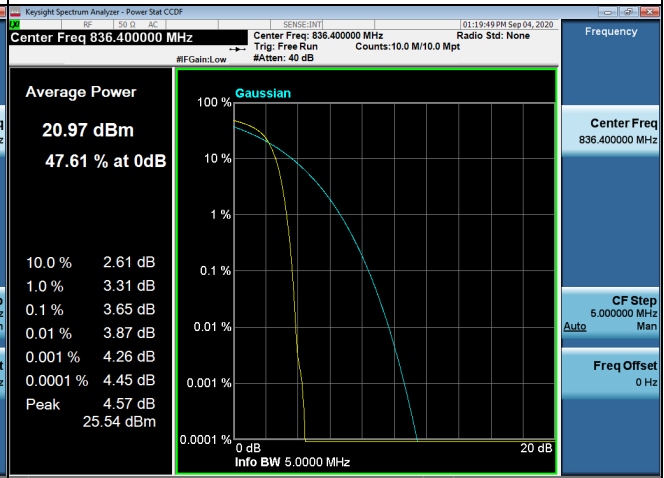


WCDMA Band V_HSUPA Spectrum Plot

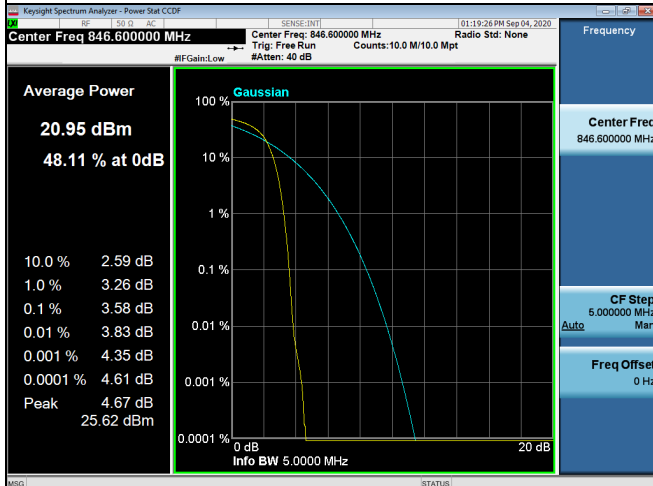
4132



4182

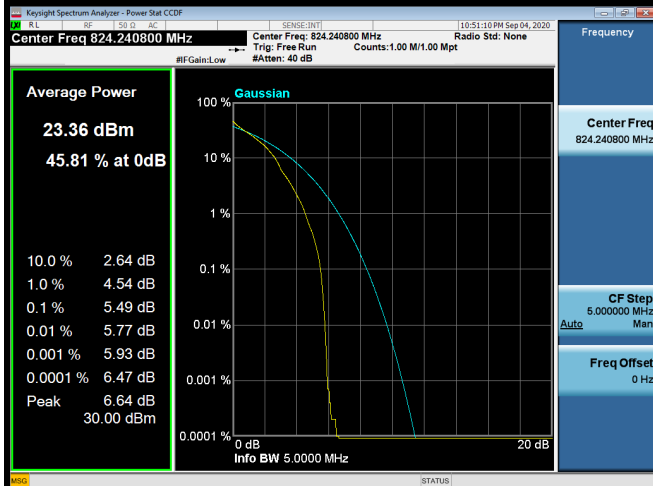


4233

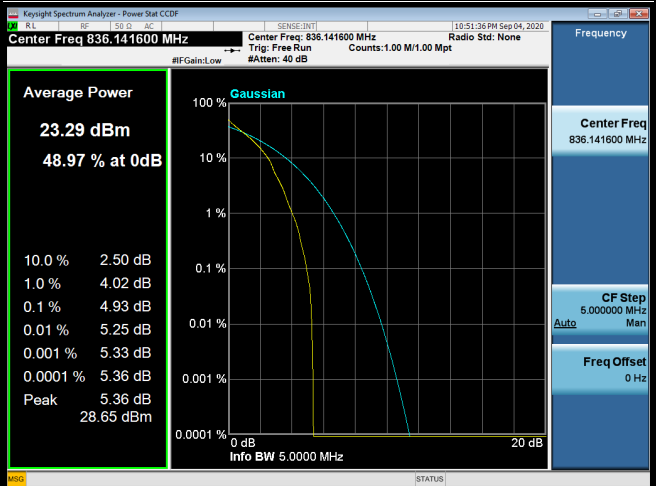


LTE Band 5_1.4M Spectrum Plot

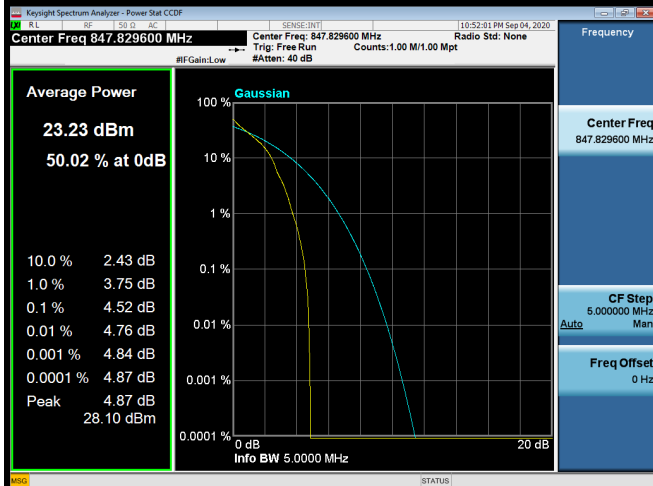
QPSK-20407



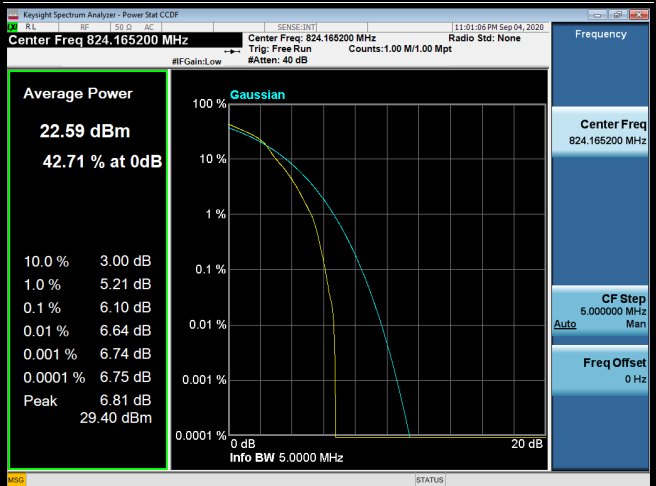
QPSK-20525



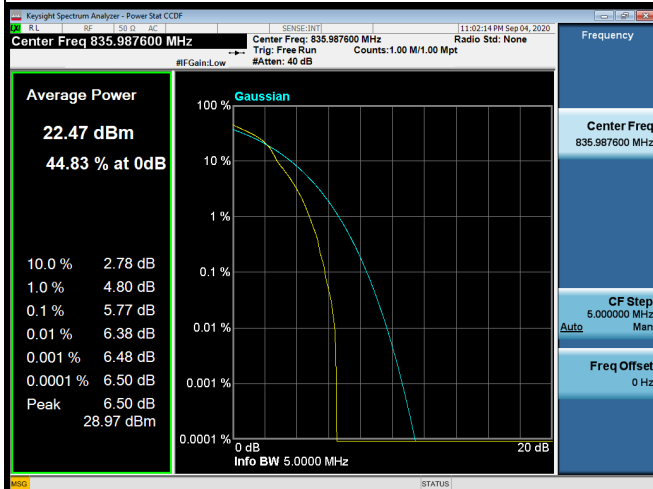
QPSK-20643



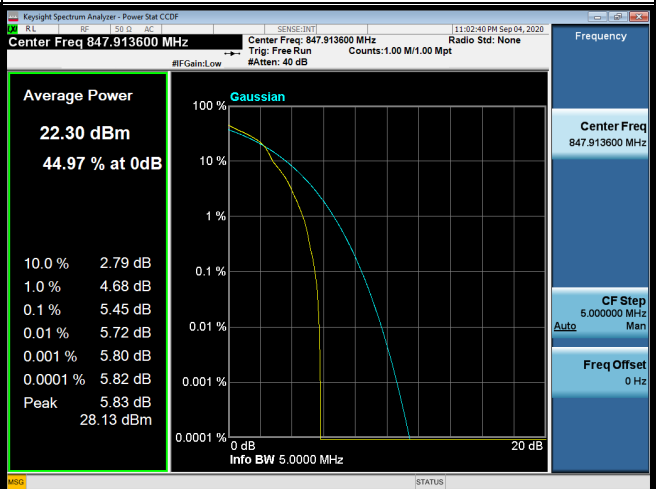
16QAM-20407



16QAM-20525

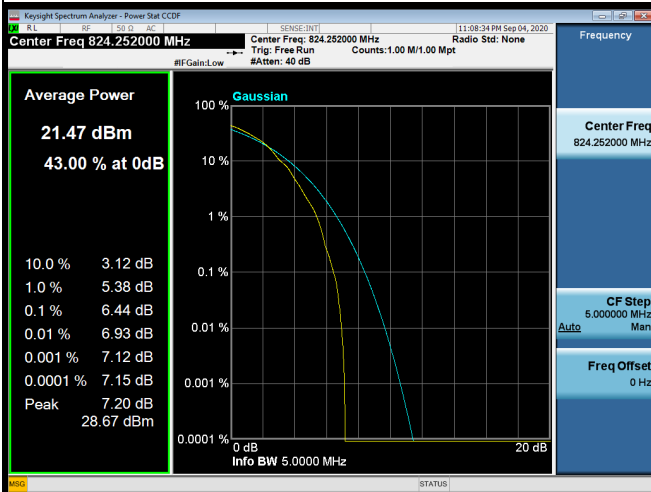


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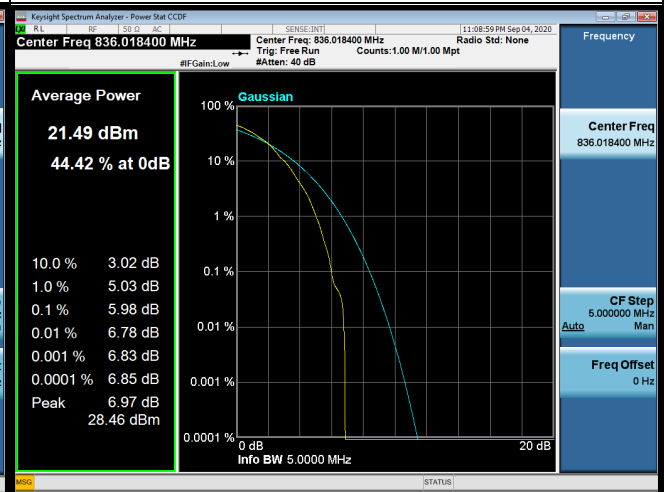


LTE Band 5_1.4M Spectrum Plot

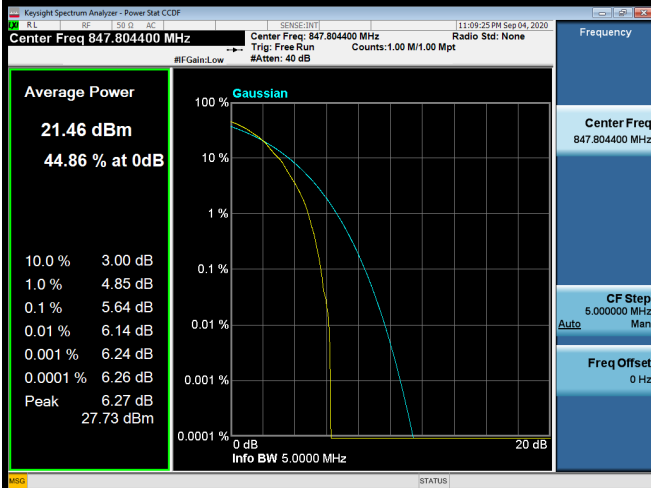
64QAM-20407



64QAM-20525

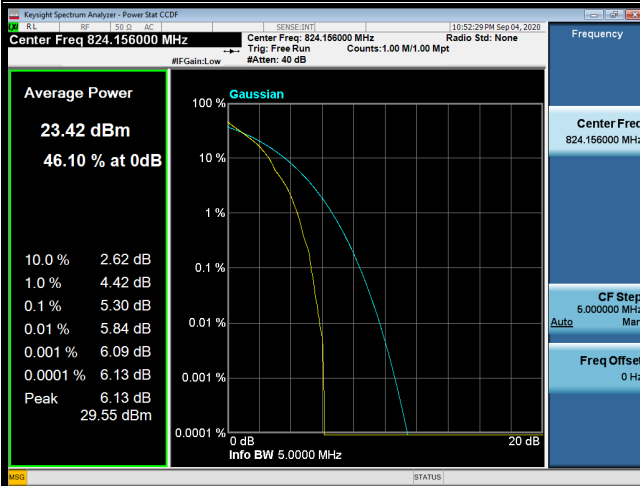


64QAM-20643

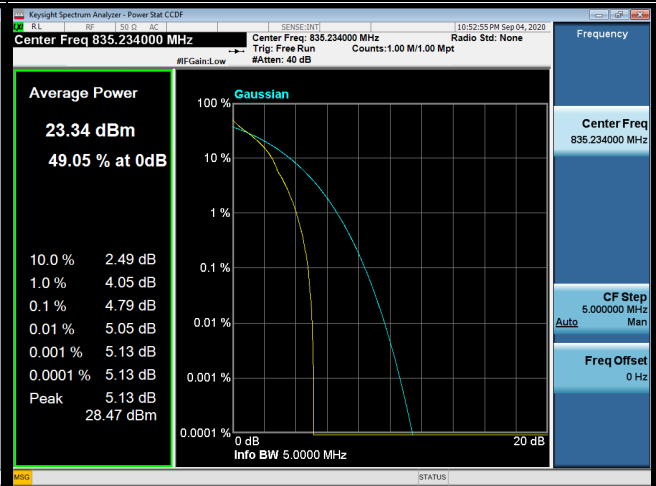


LTE Band 5_3M Spectrum Plot

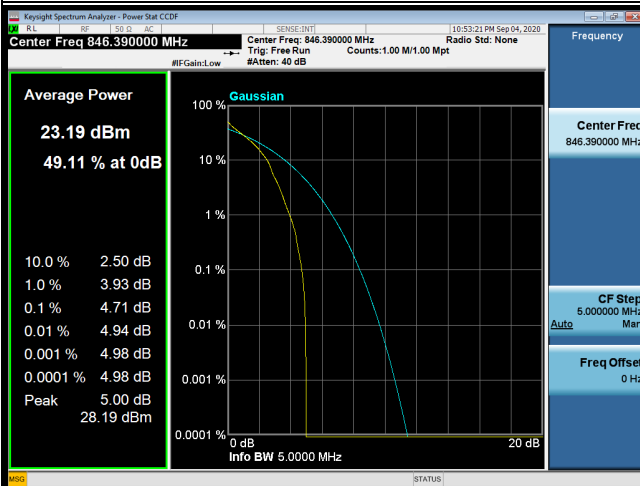
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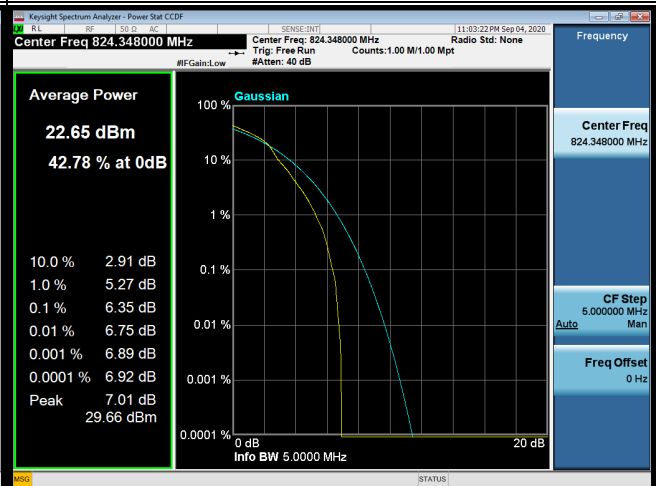
QPSK-20525



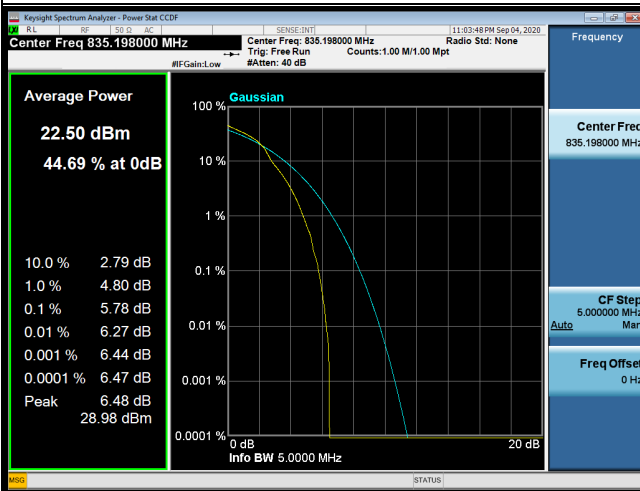
QPSK-20635



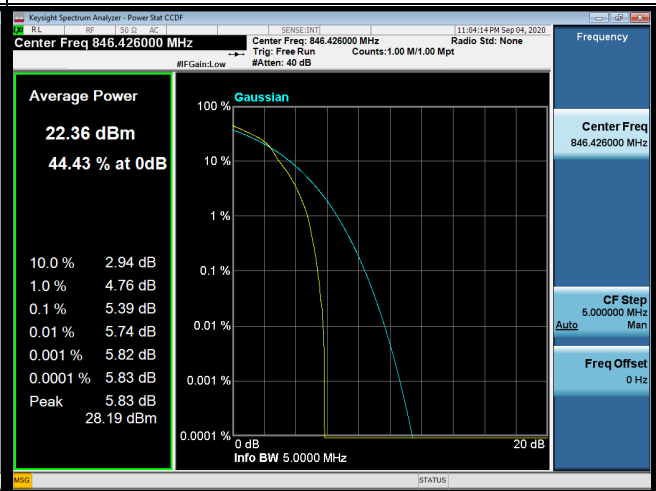
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16QAM-20525

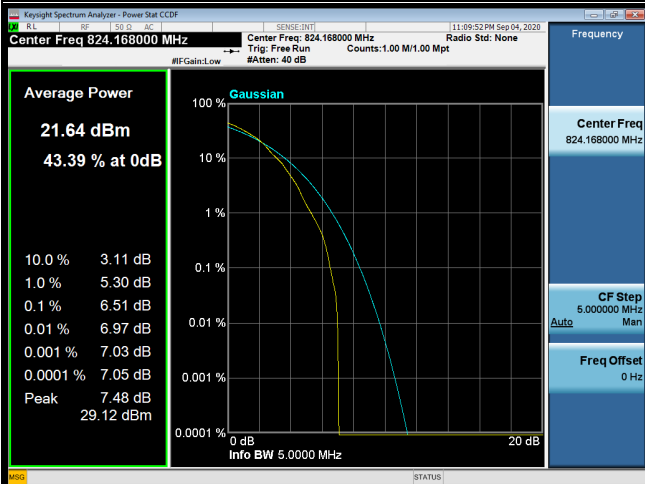


16QAM-20635

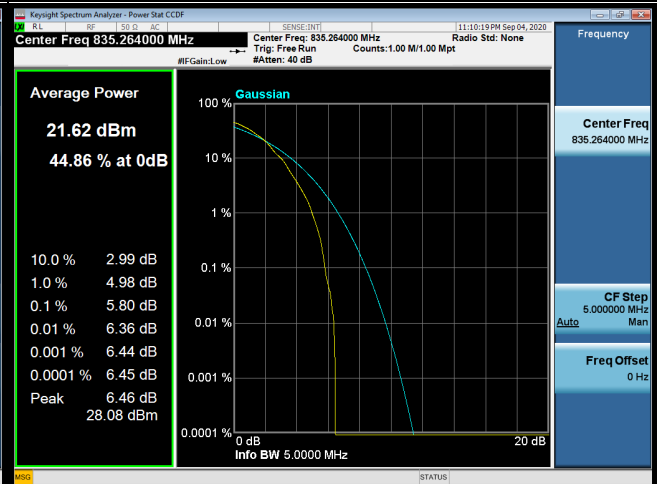


LTE Band 5_3M Spectrum Plot

64QAM-20415



64QAM-20525



64QAM-20635

