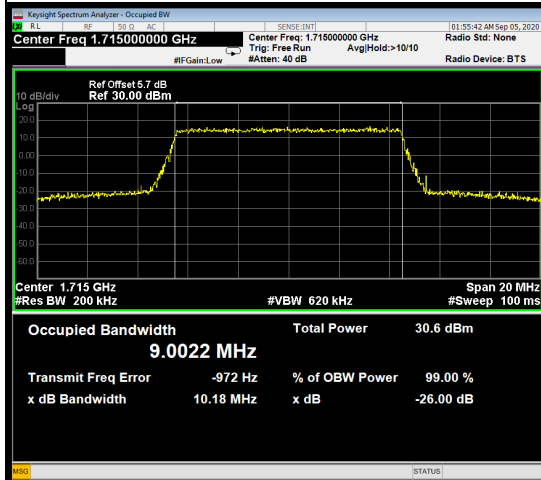
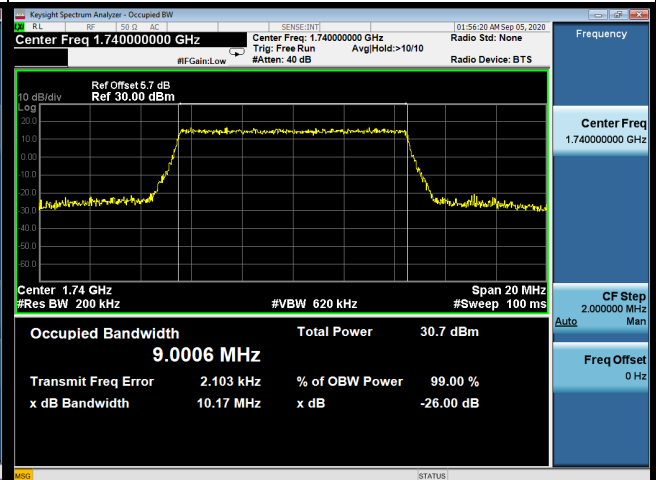


Spectrum Plot

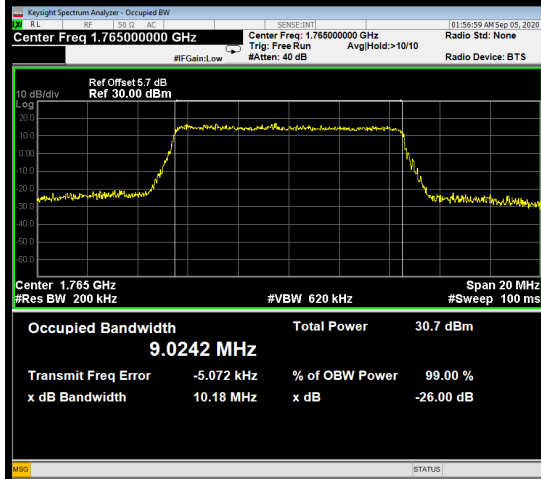
QPSK-132022



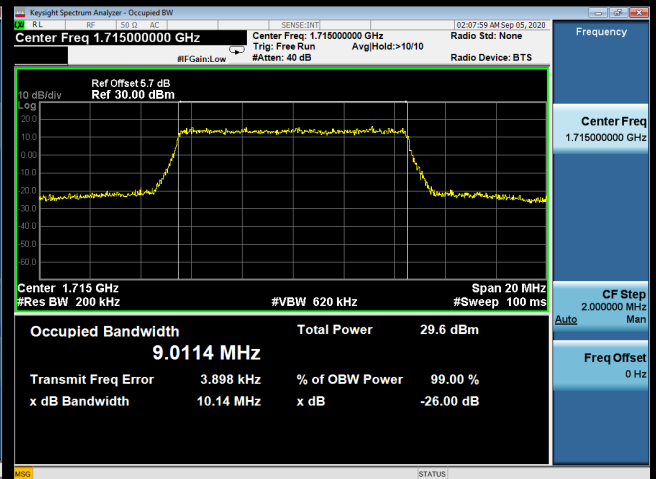
QPSK-132272



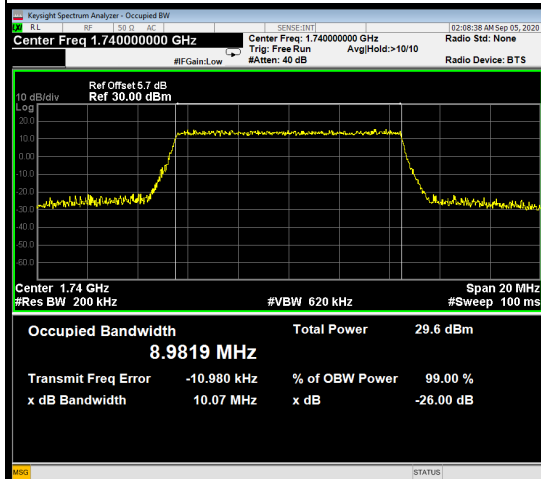
QPSK-132522



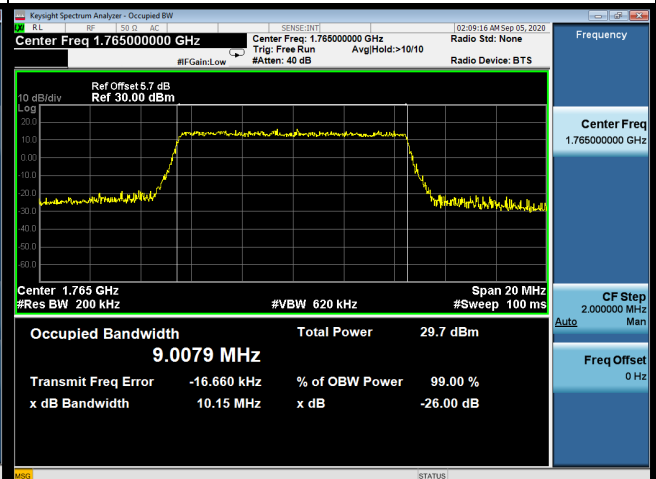
16QAM-132022



16QAM-132272

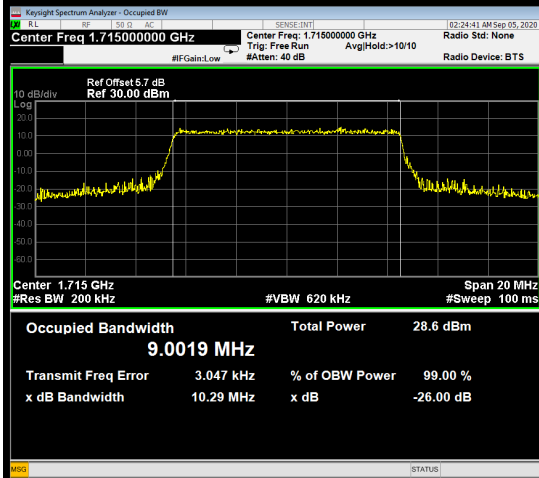


16QAM-132522

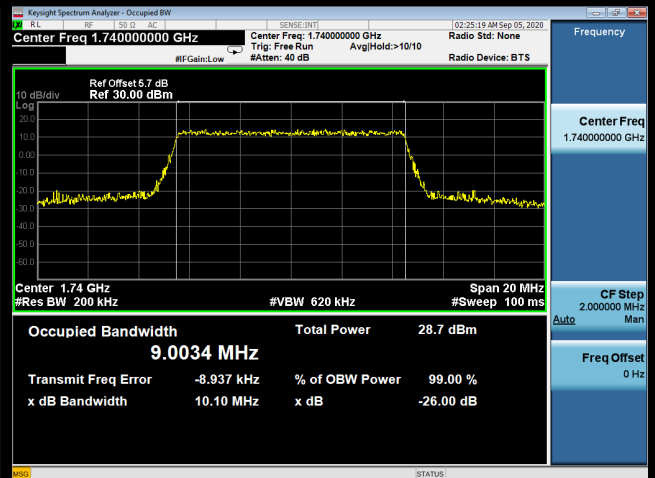


Spectrum Plot

64QAM-132022



64QAM-132272

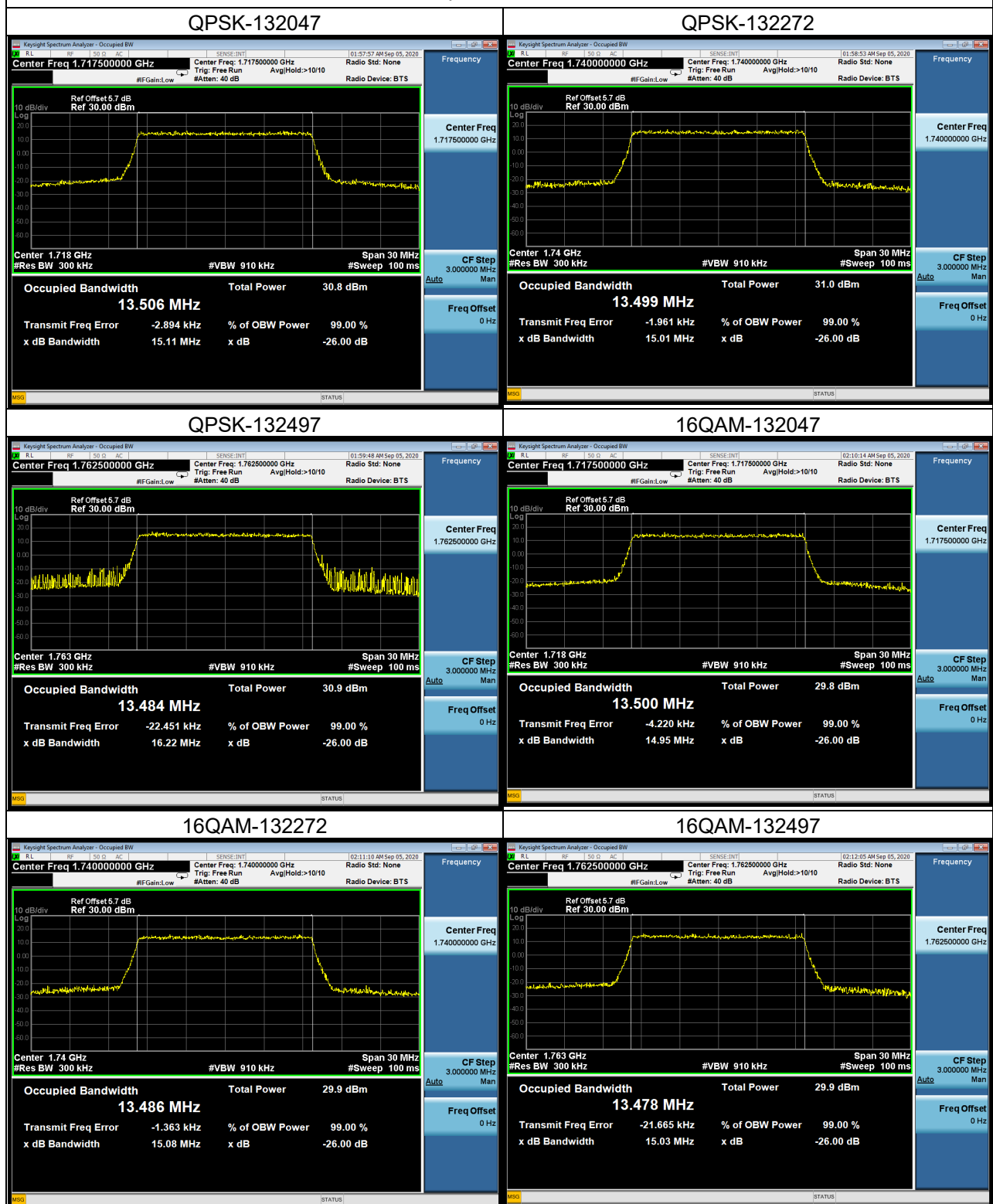


64QAM-132522

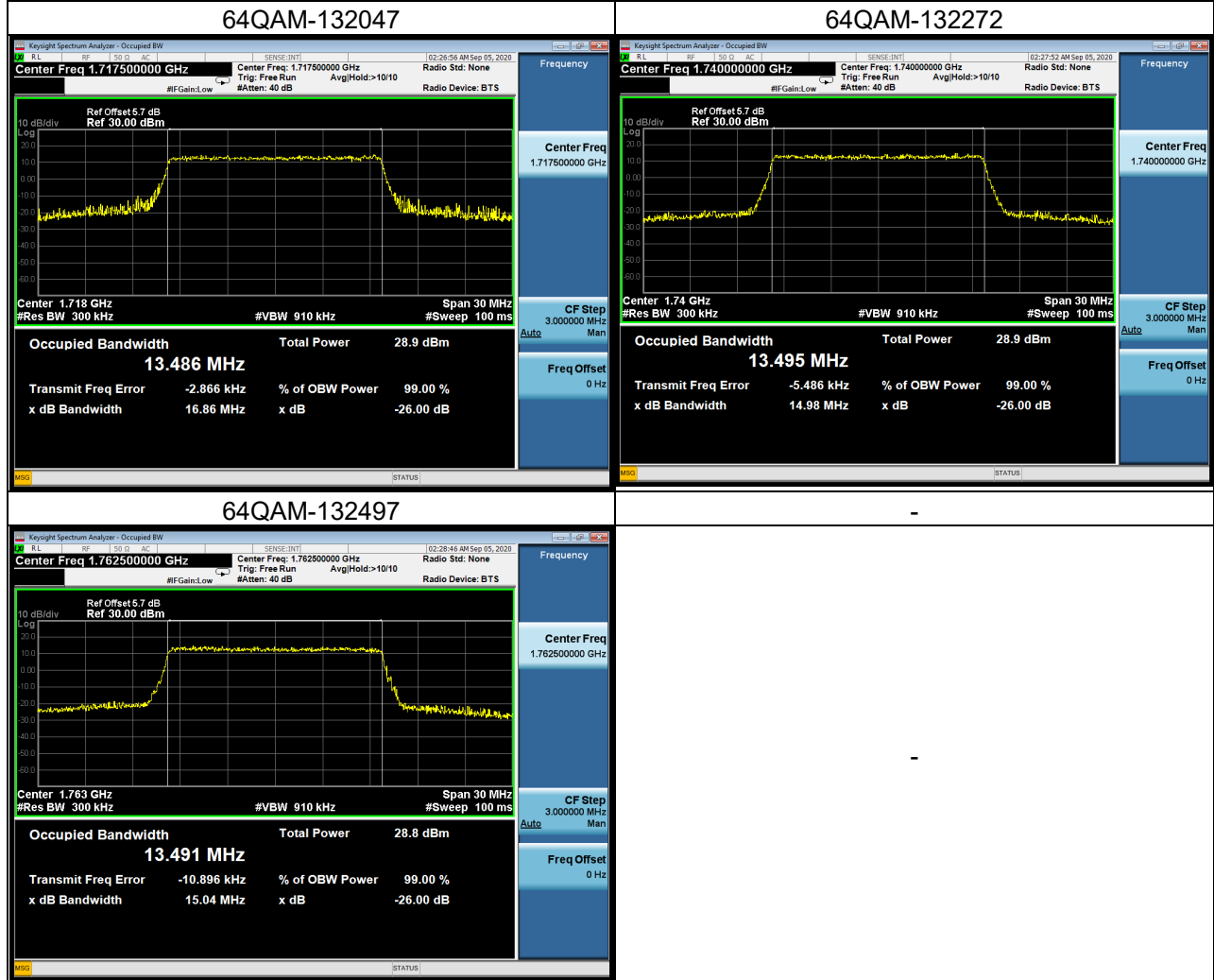


LTE Band 66_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	13.506	132047	1717.5	15.11
132272	1740	13.499	132272	1740	15.01
132497	1762.5	13.484	132497	1762.5	16.22
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	13.500	132047	1717.5	14.95
132272	1740	13.486	132272	1740	15.08
132497	1762.5	13.478	132497	1762.5	15.03
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	13.486	132047	1717.5	16.86
132272	1740	13.495	132272	1740	14.98
132497	1762.5	13.491	132497	1762.5	15.04

Spectrum Plot

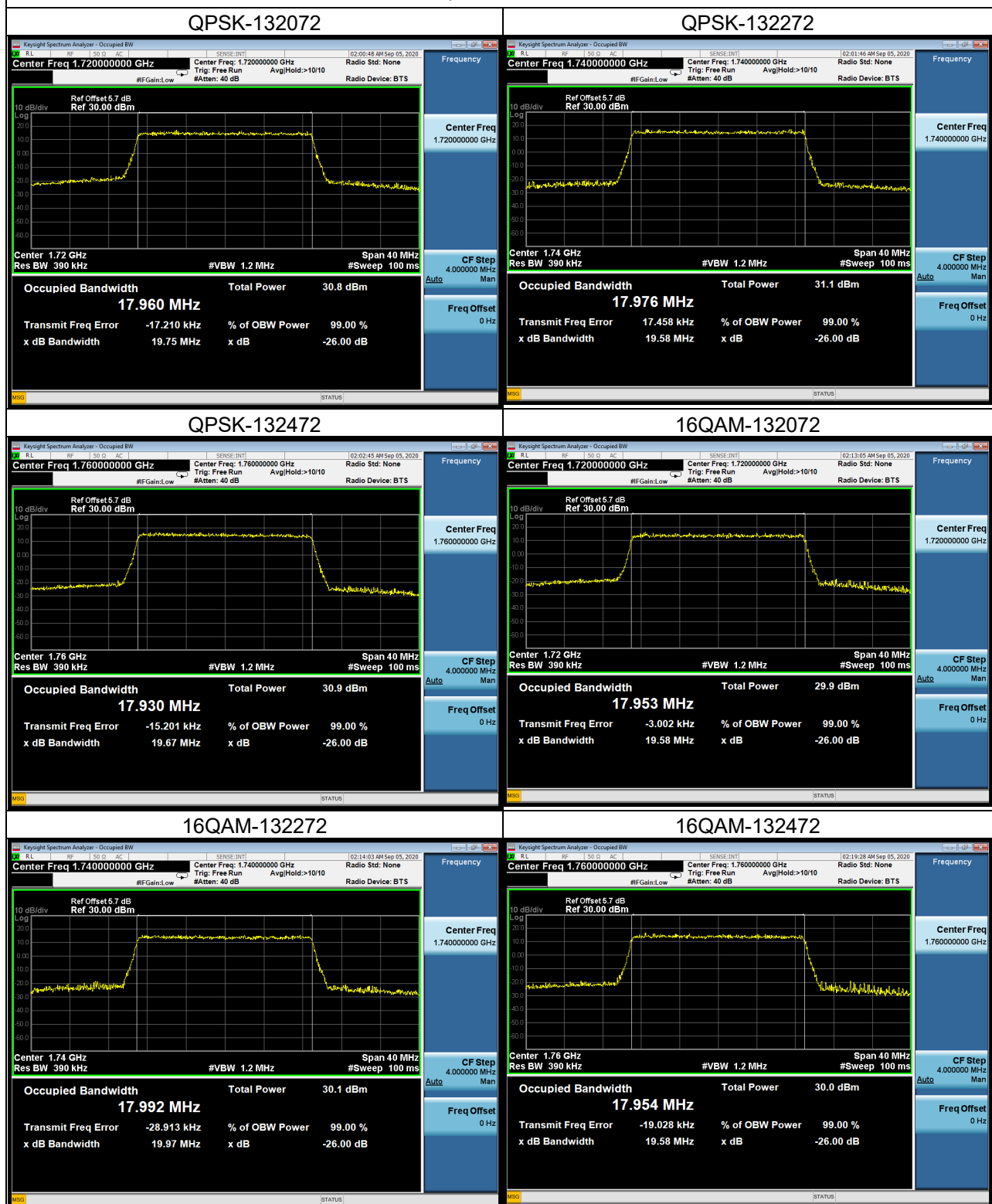


Spectrum Plot

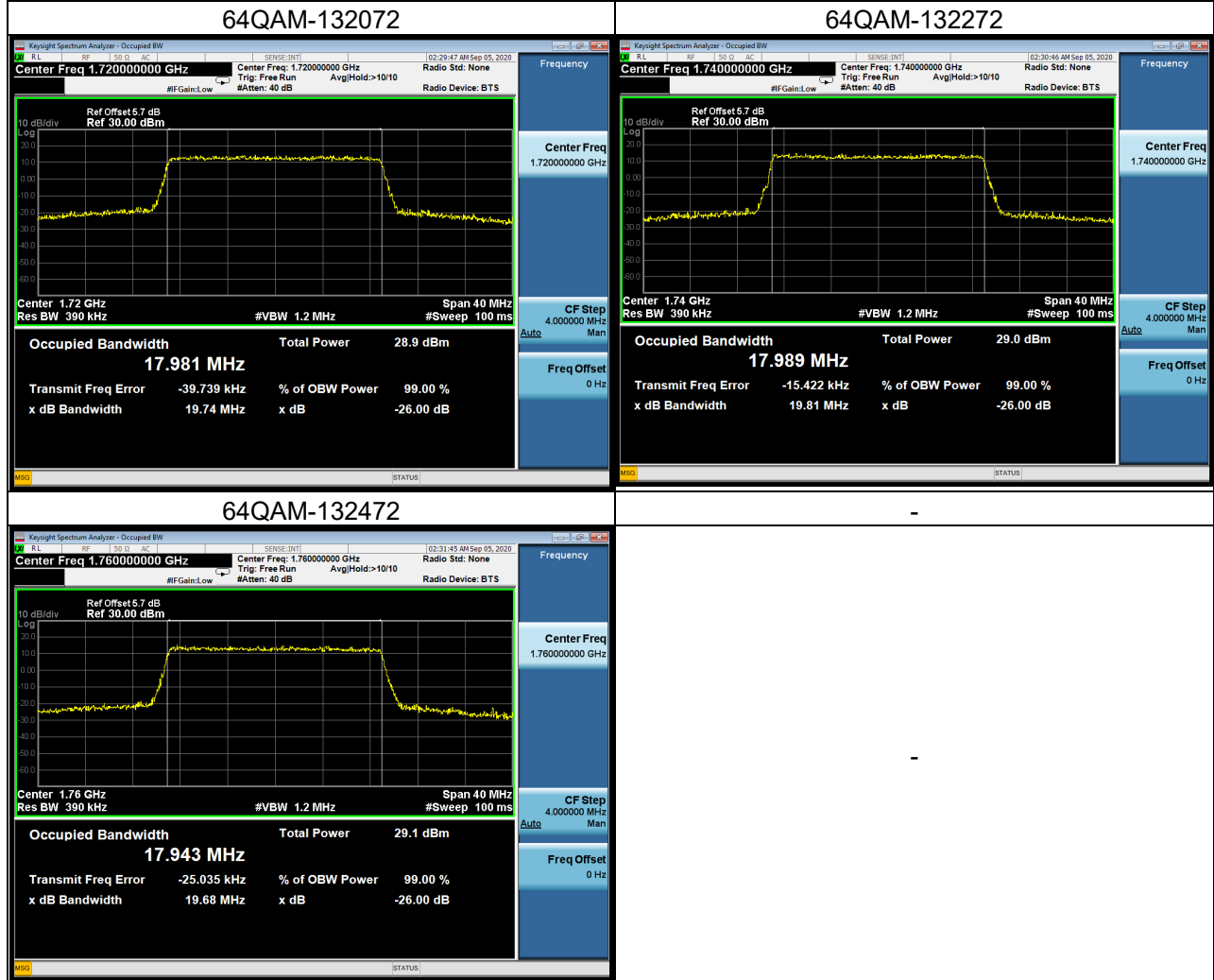


LTE Band 66_20M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720	17.960	132072	1720	19.75
132272	1740	17.976	132272	1740	19.58
132472	1760	17.930	132472	1760	19.67
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720	17.953	132072	1720	19.58
132272	1740	17.992	132272	1740	19.97
132472	1760	17.954	132472	1760	19.58
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720	17.981	132072	1720	19.74
132272	1740	17.989	132272	1740	19.81
132472	1760	17.943	132472	1760	19.68

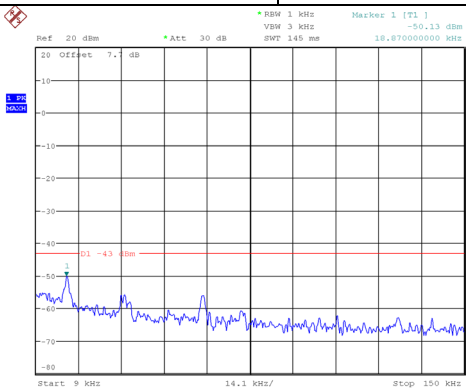
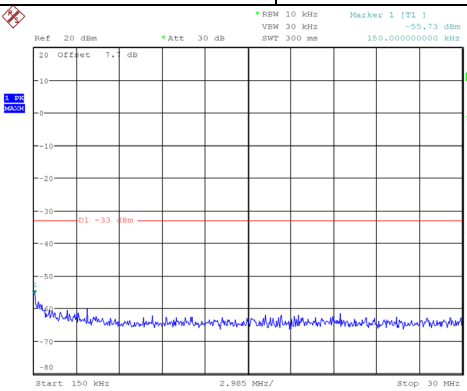
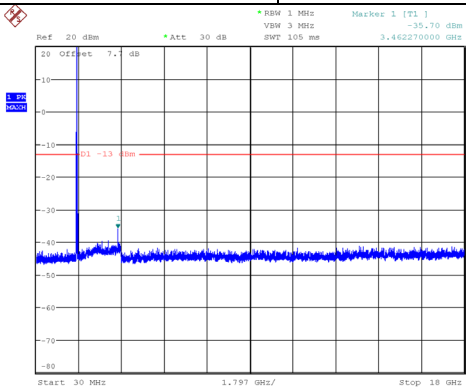
Spectrum Plot

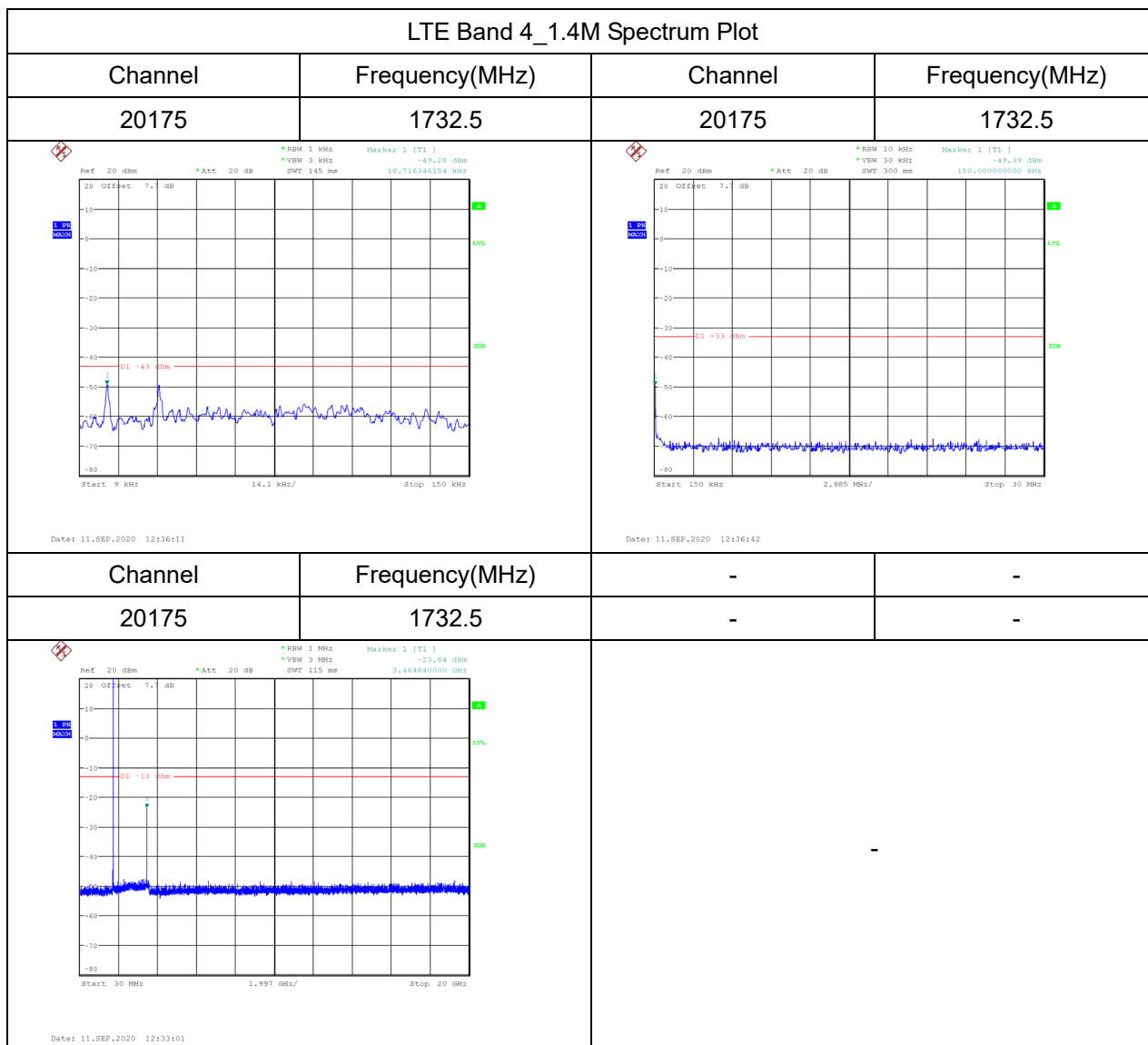


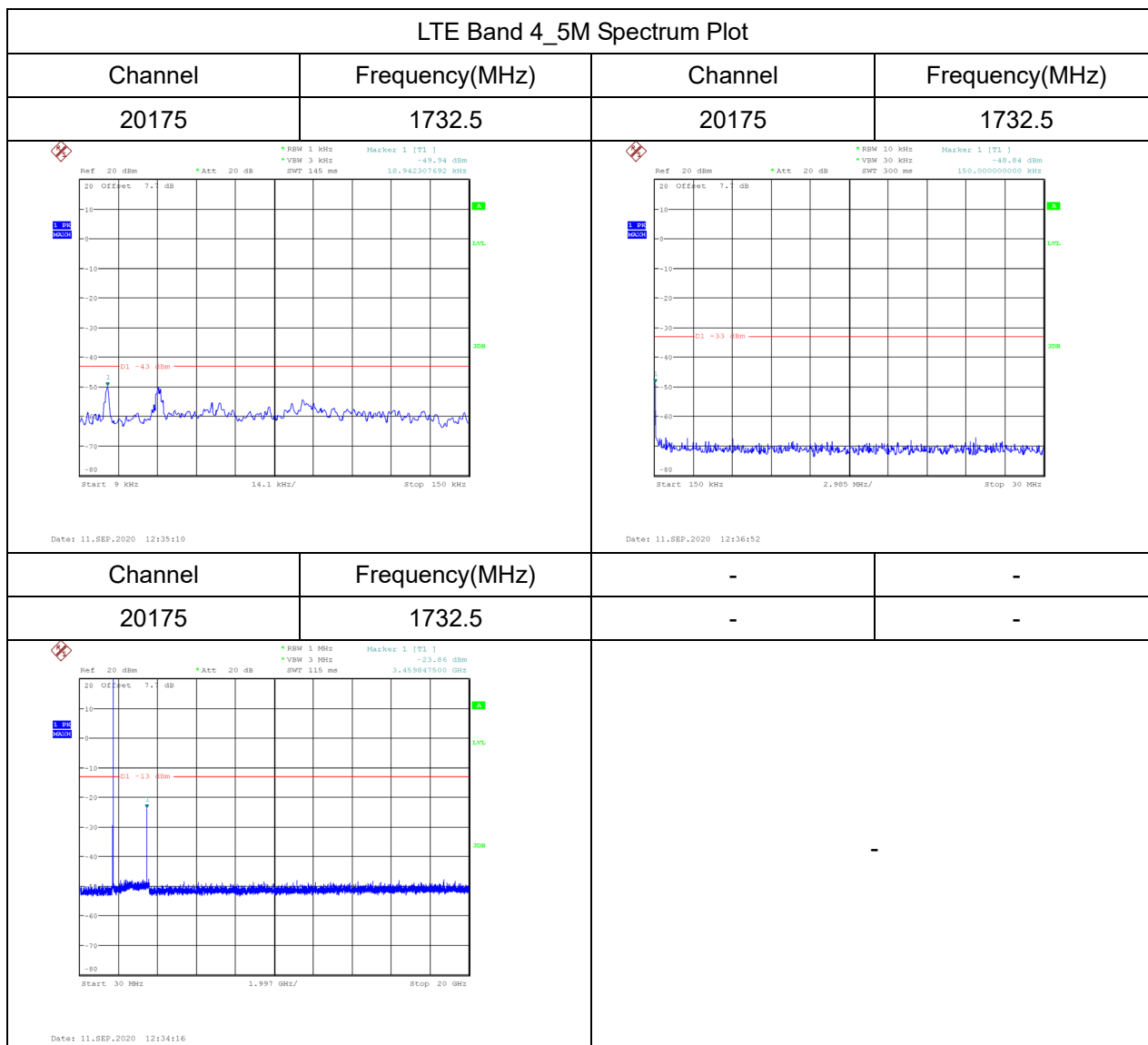
Spectrum Plot

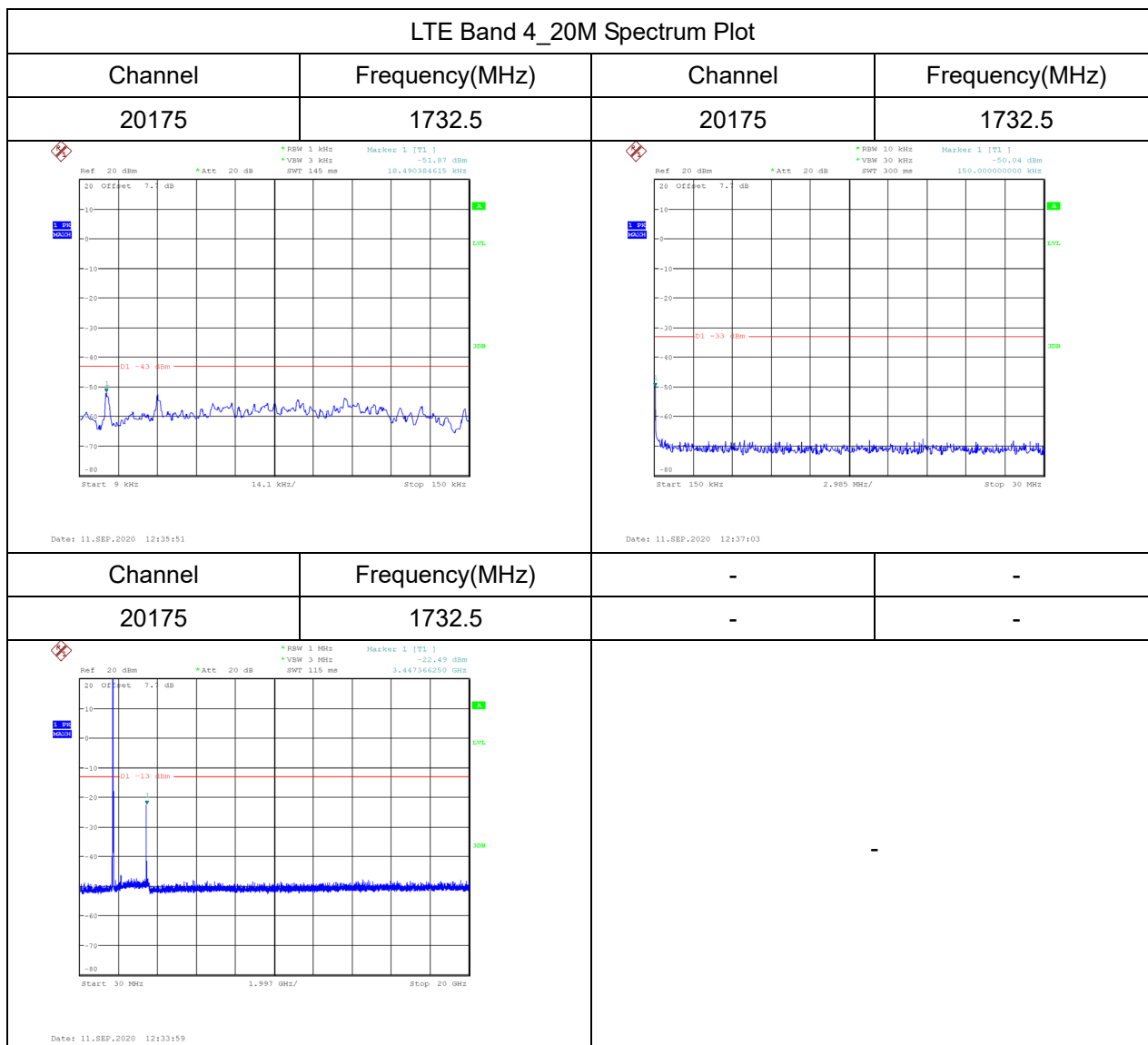


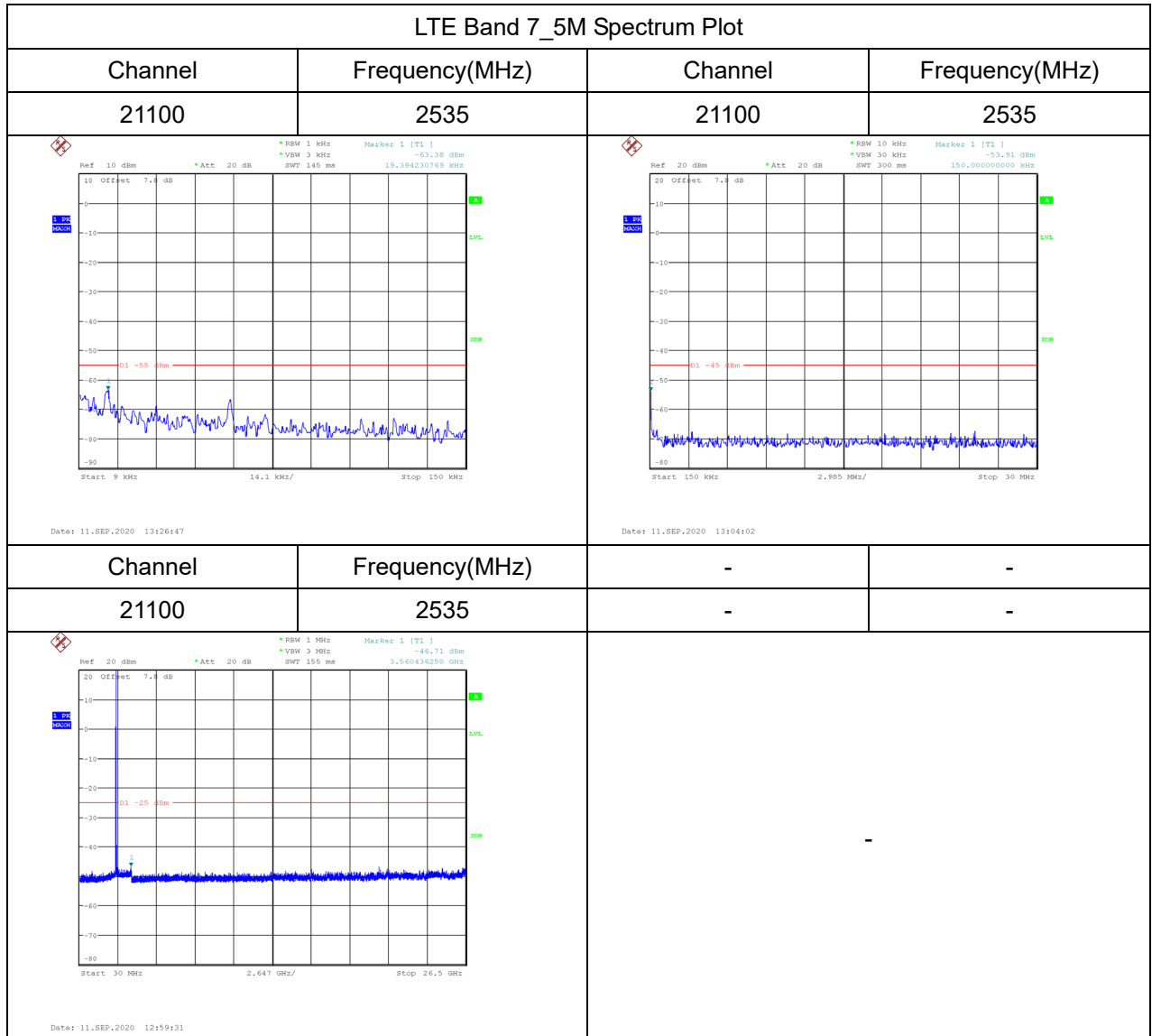
APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

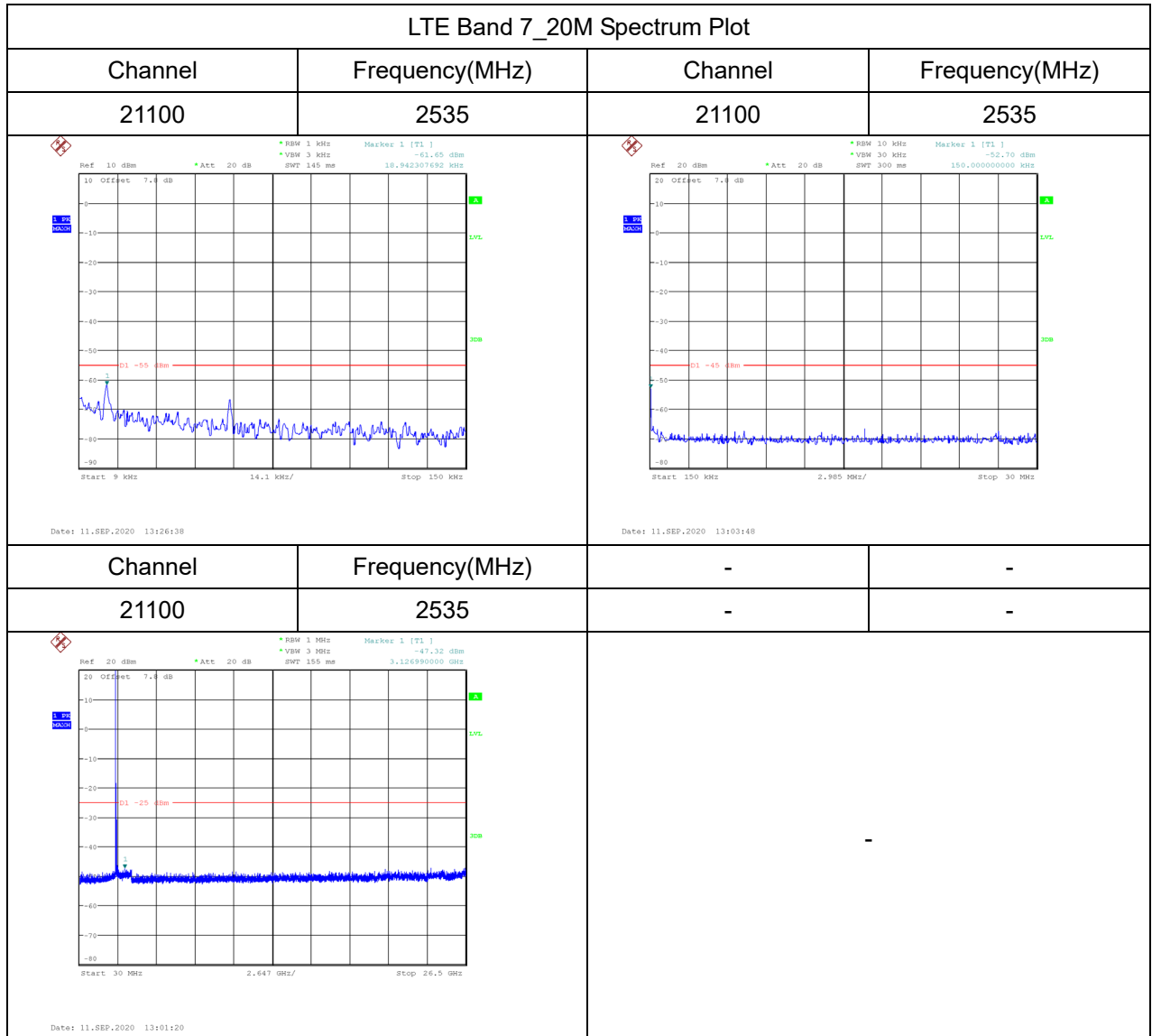
WCDMA Band IV_WCDMA			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
1413	1732.6	1413	1732.6
 Date: 4.SEP.2020 19:23:39		 Date: 4.SEP.2020 19:23:05	
Channel	Frequency(MHz)	-	-
1413	1732.6	-	-
 Date: 4.SEP.2020 19:21:55		-	

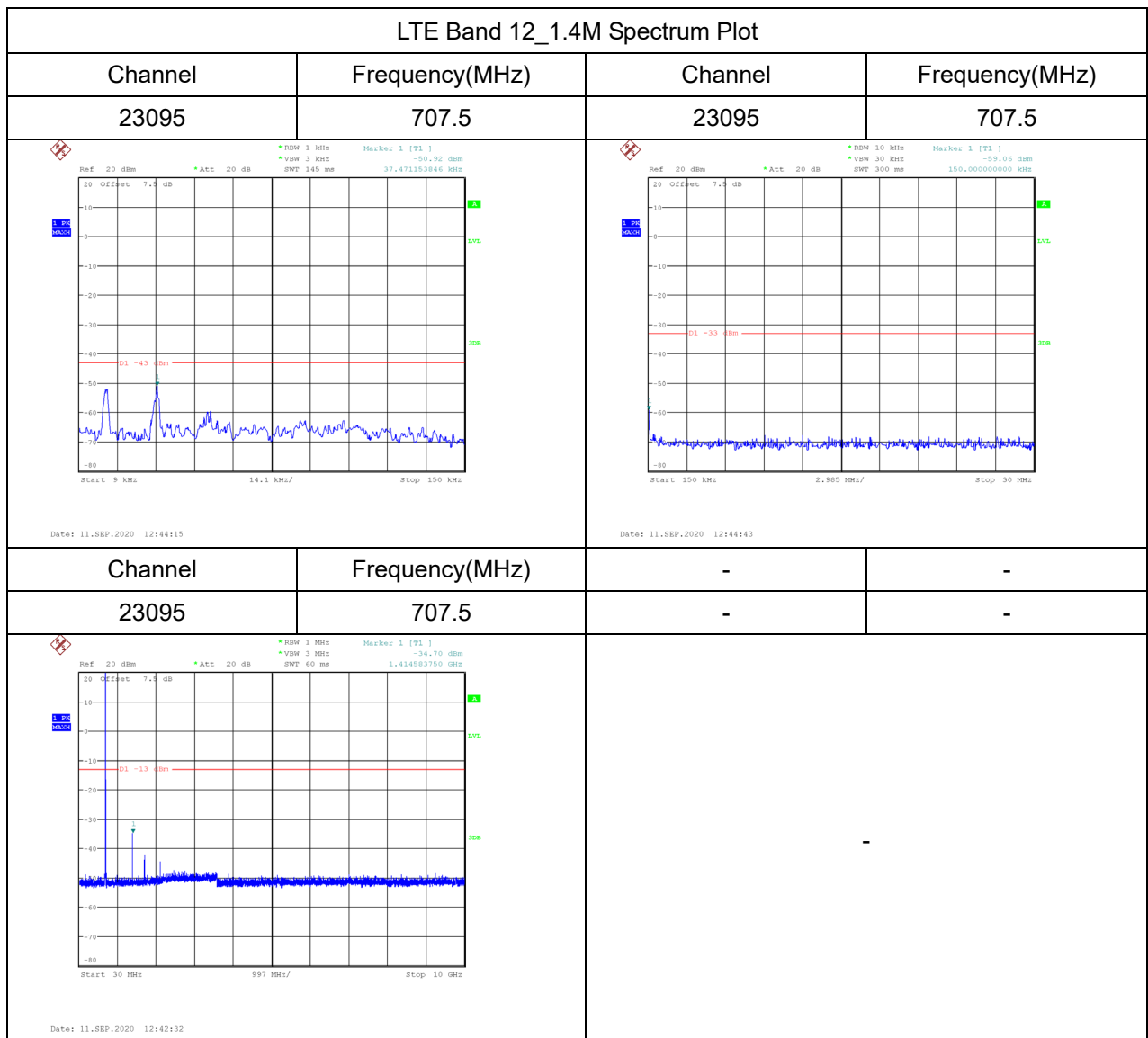


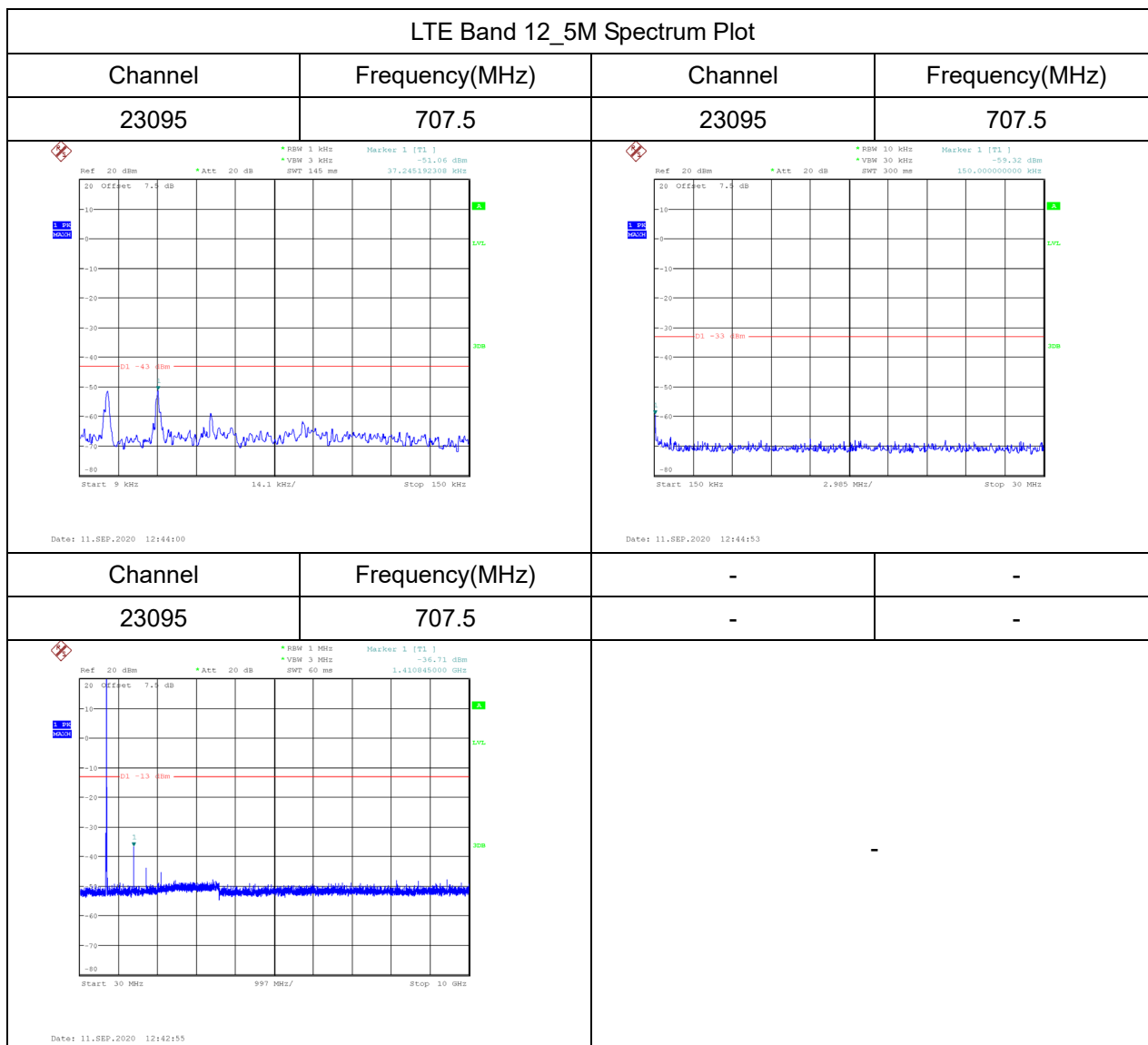


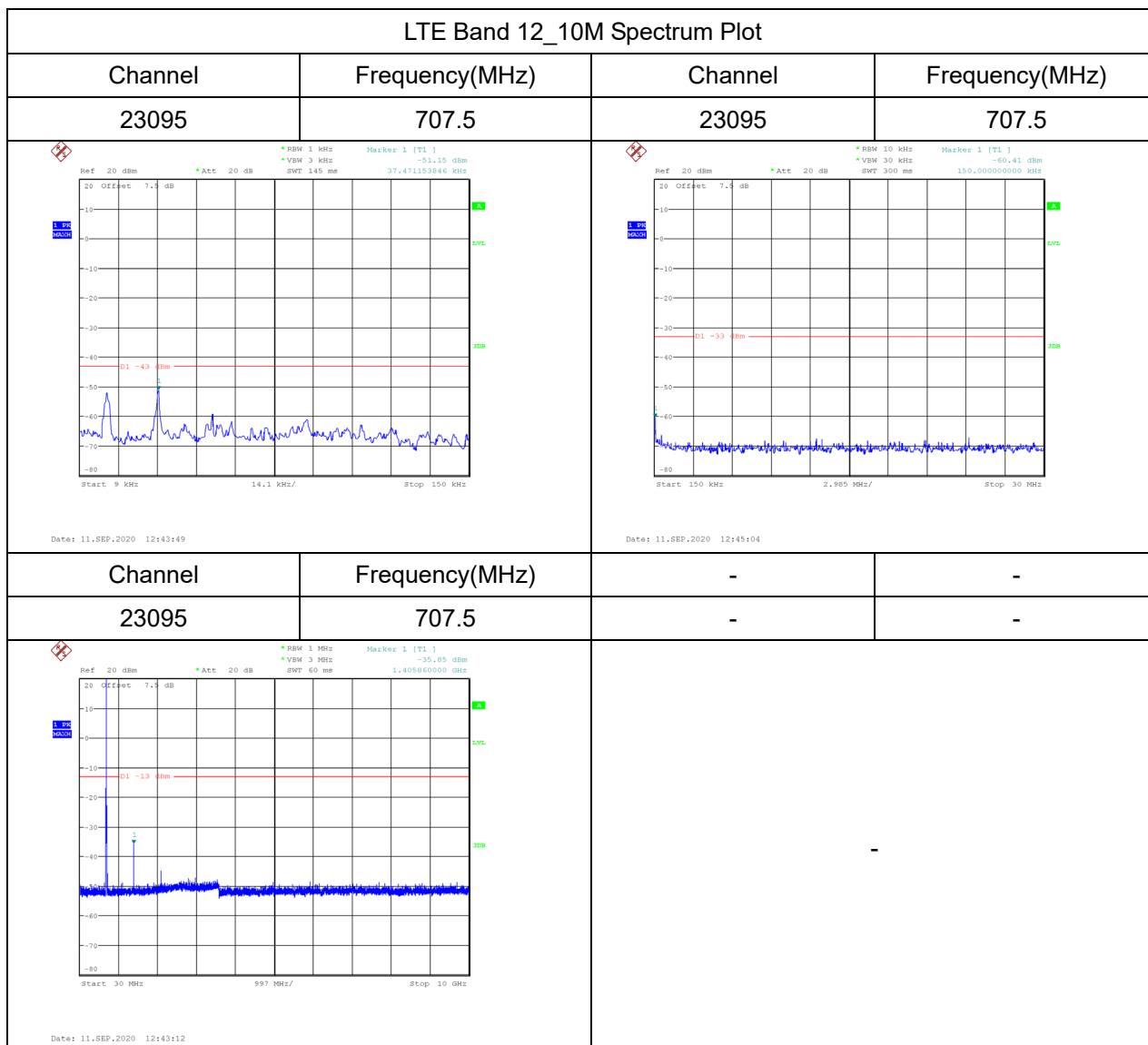


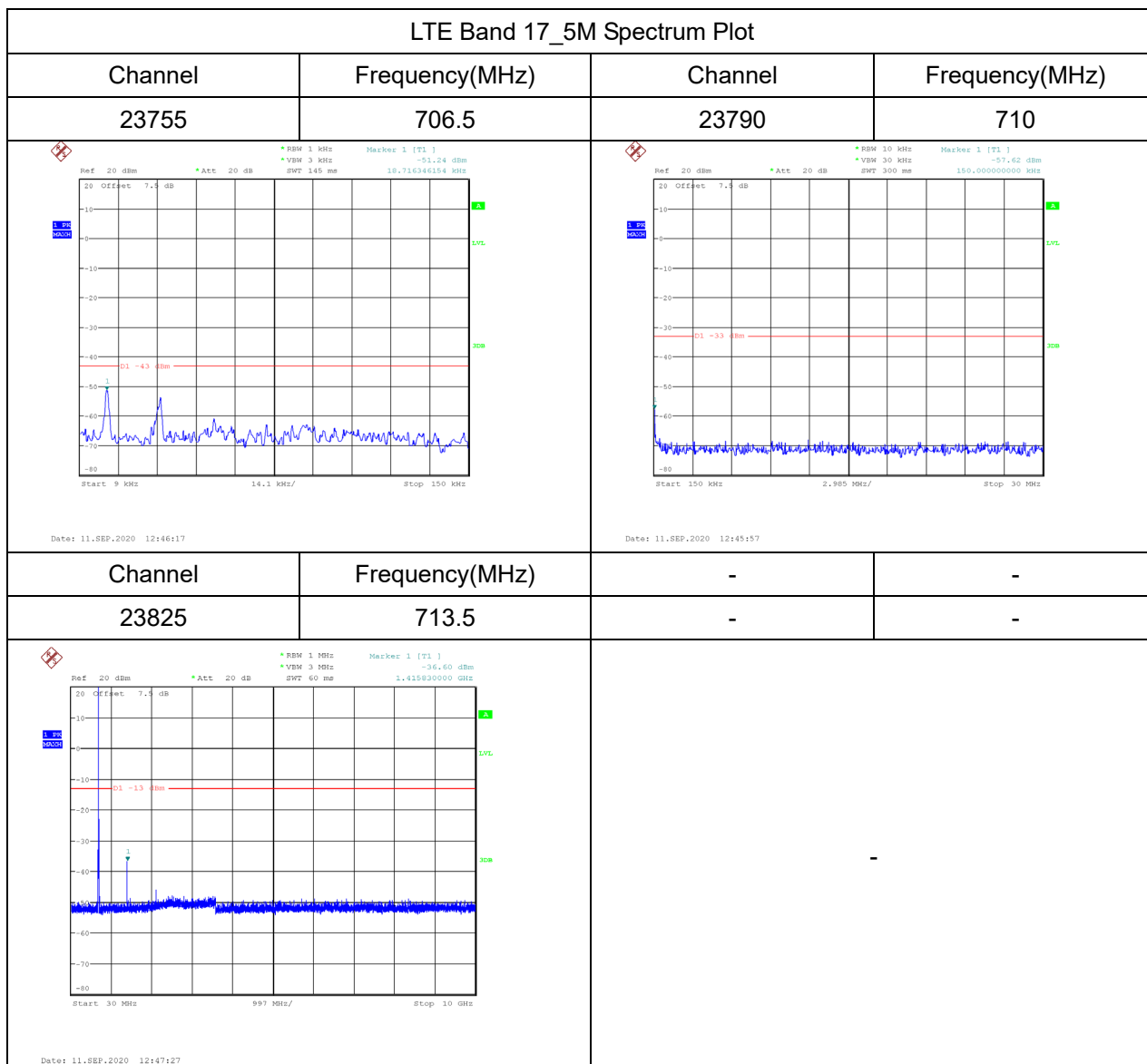


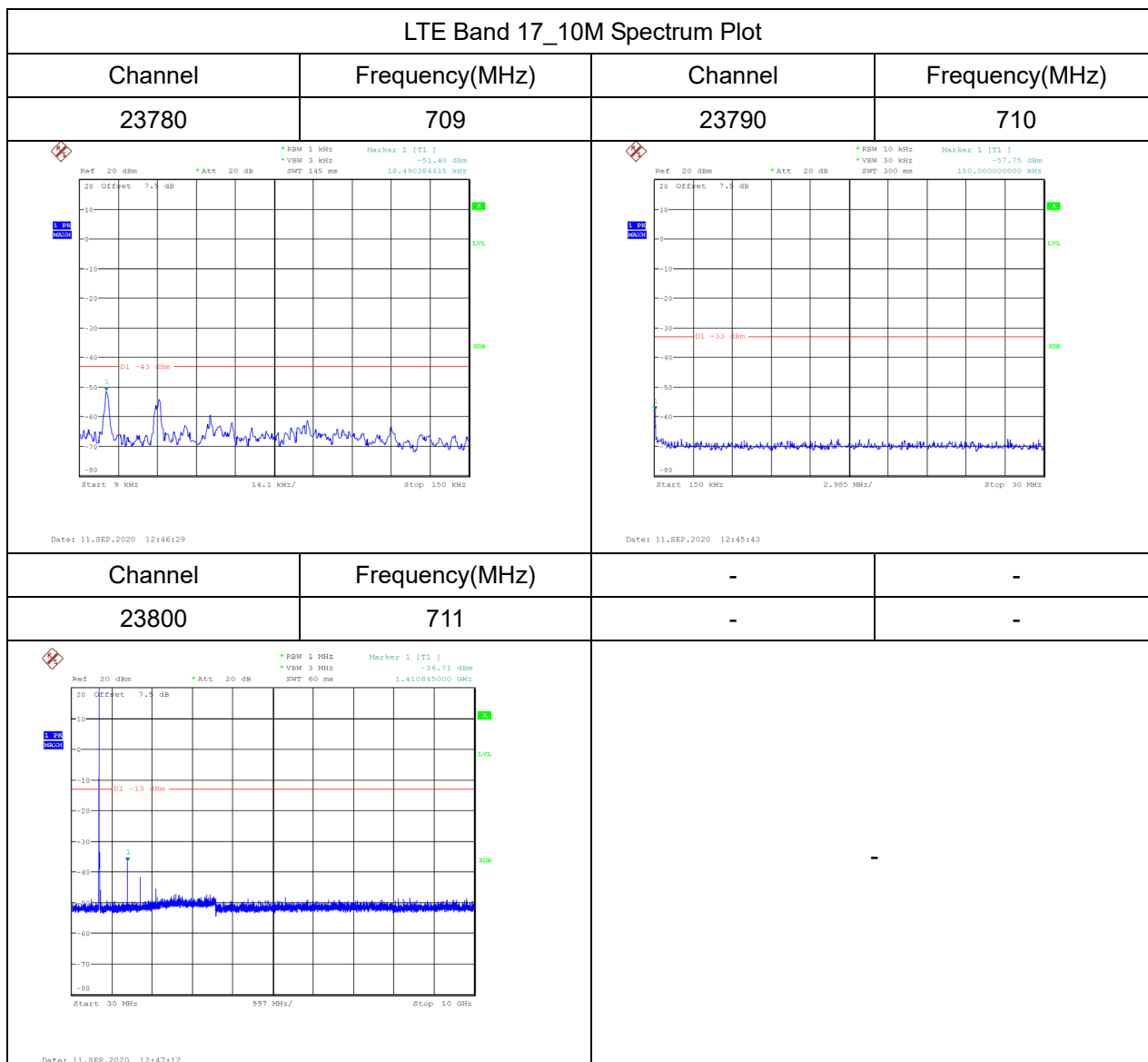


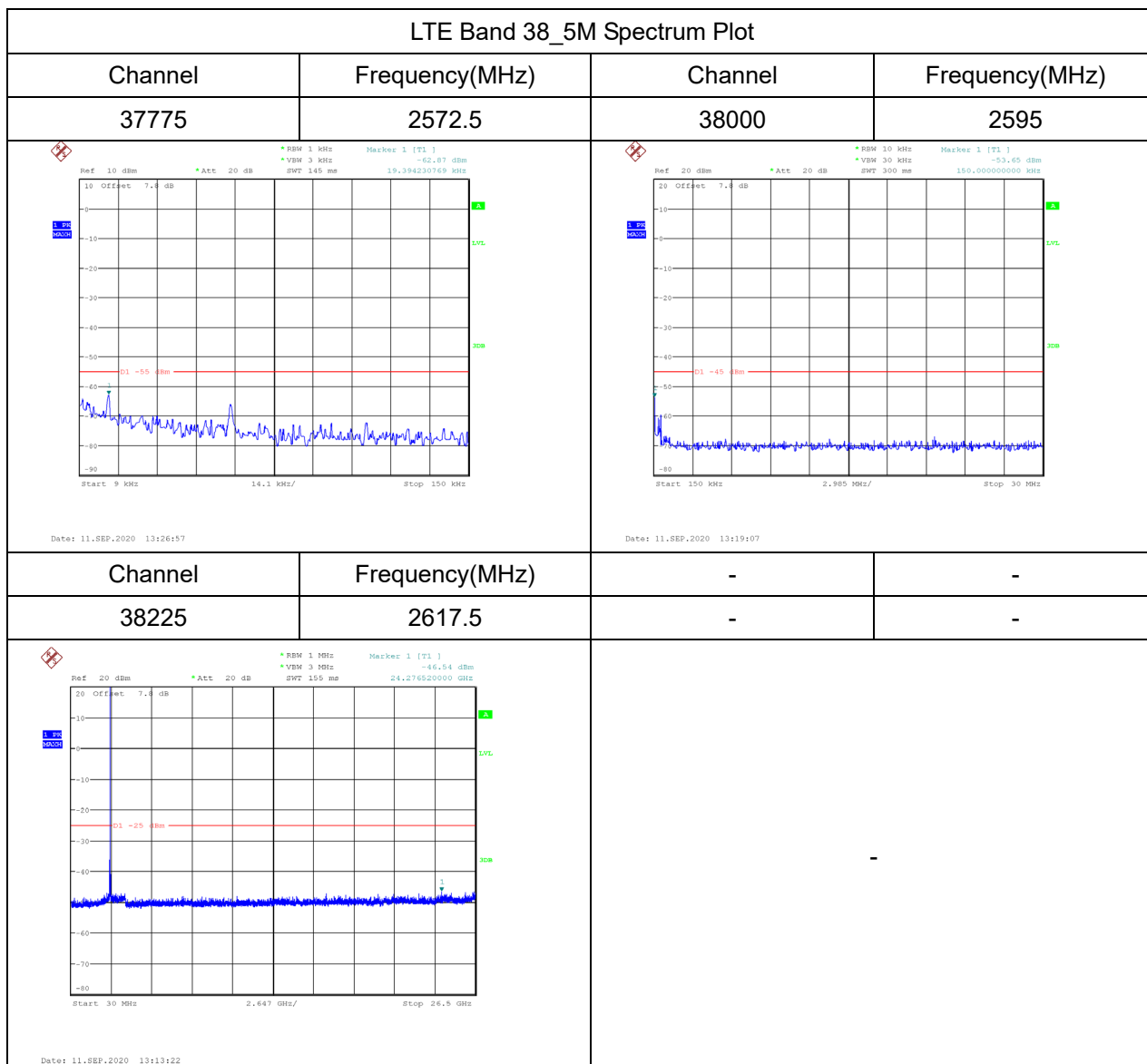


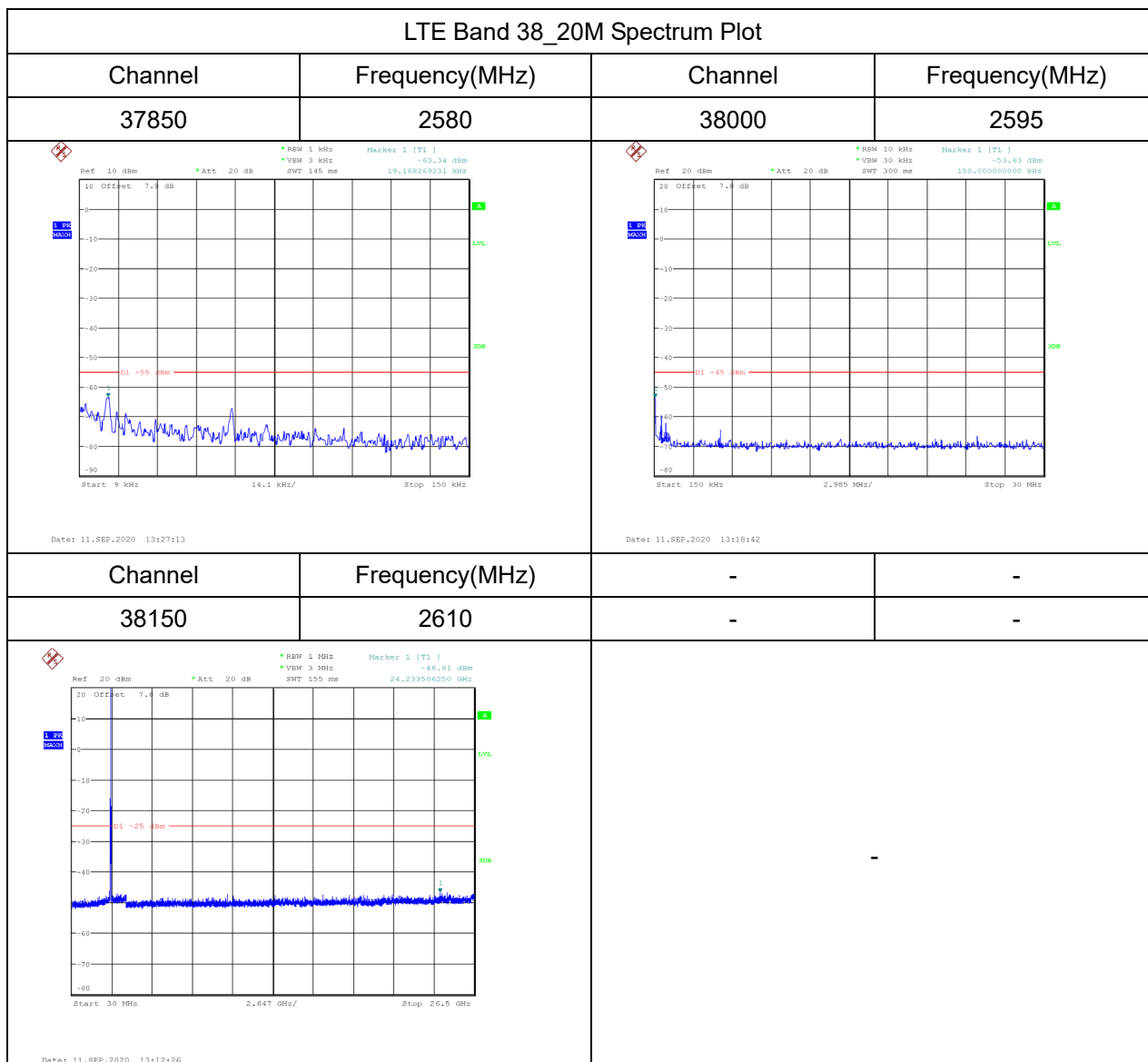


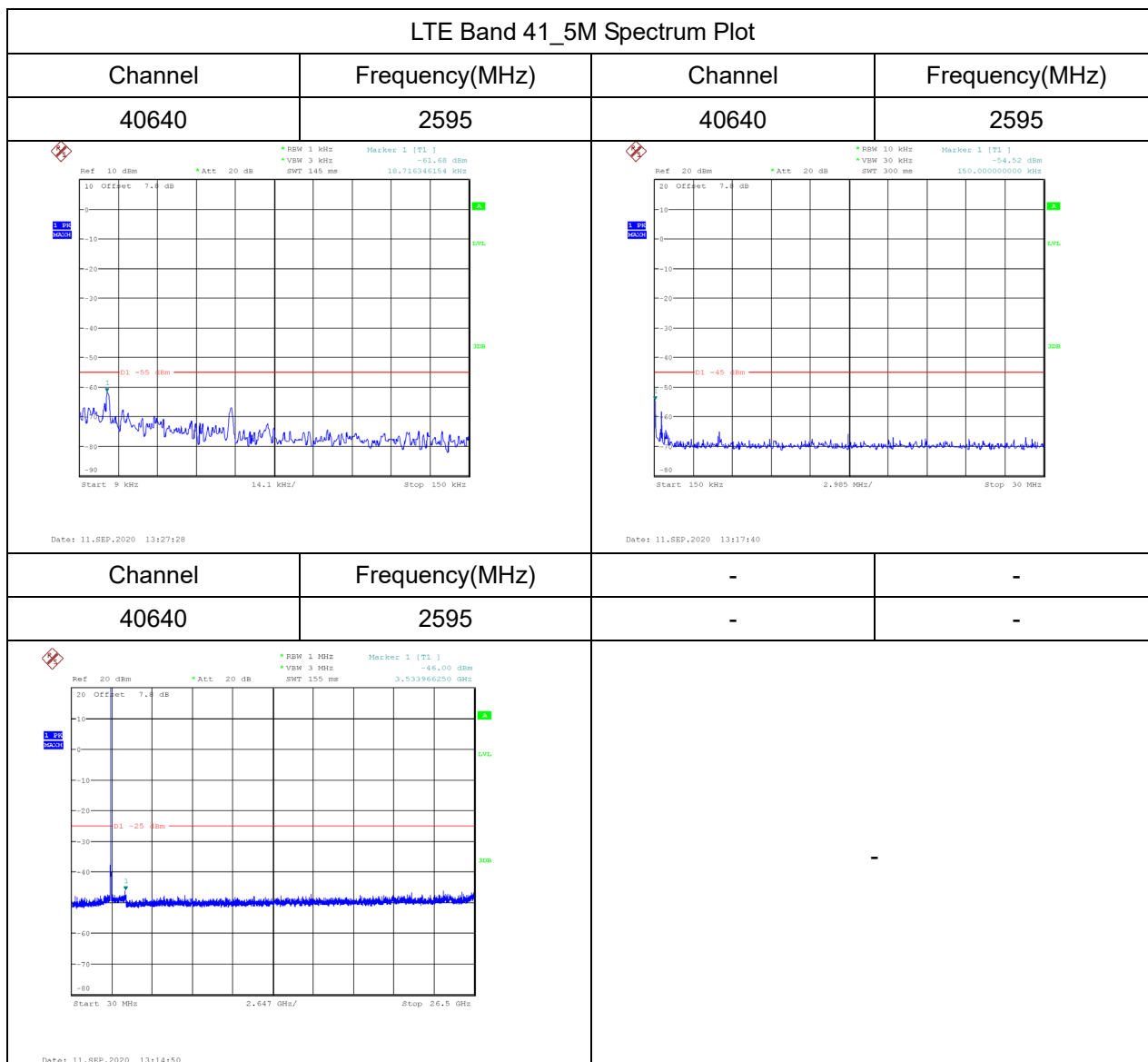


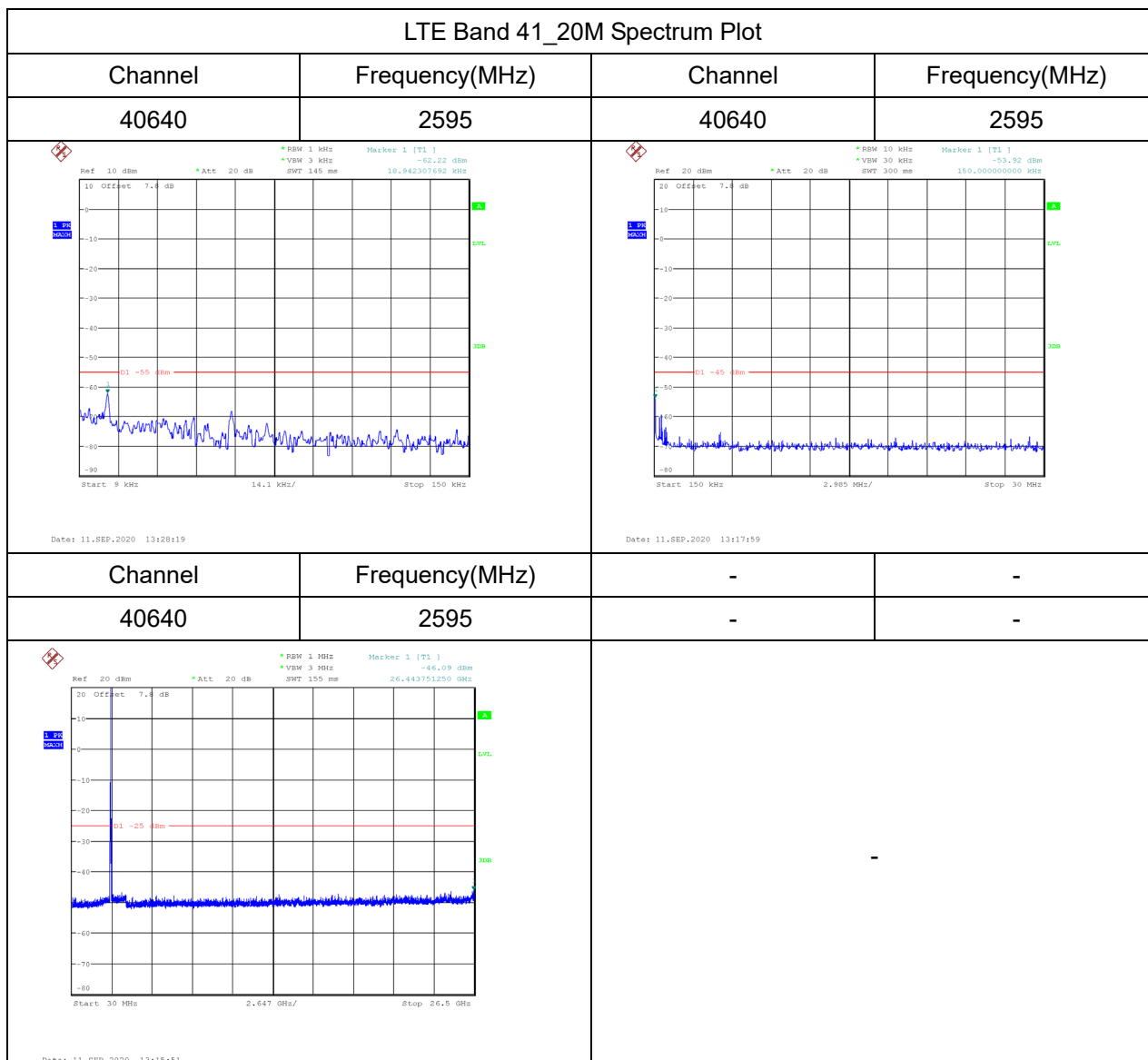


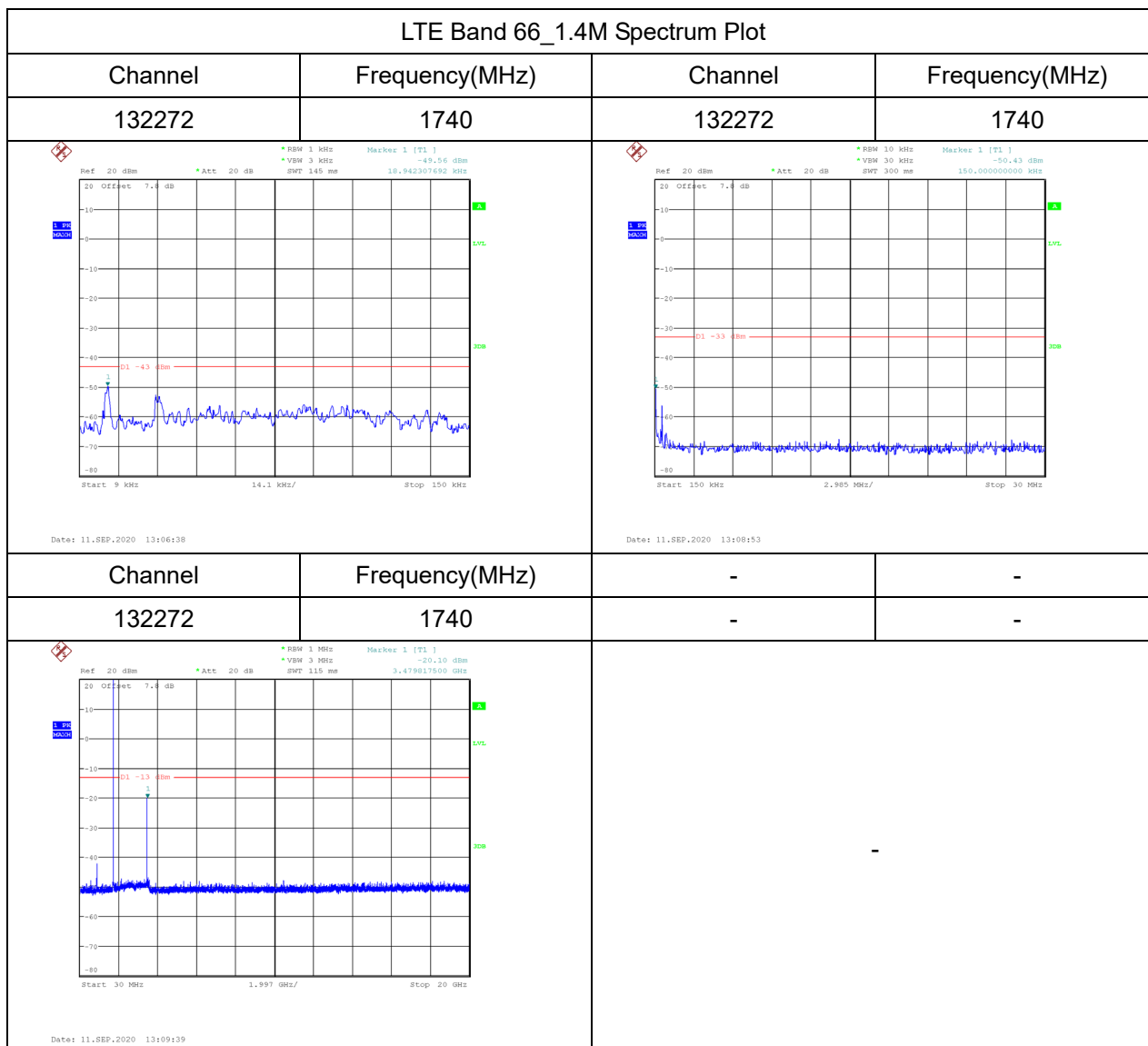


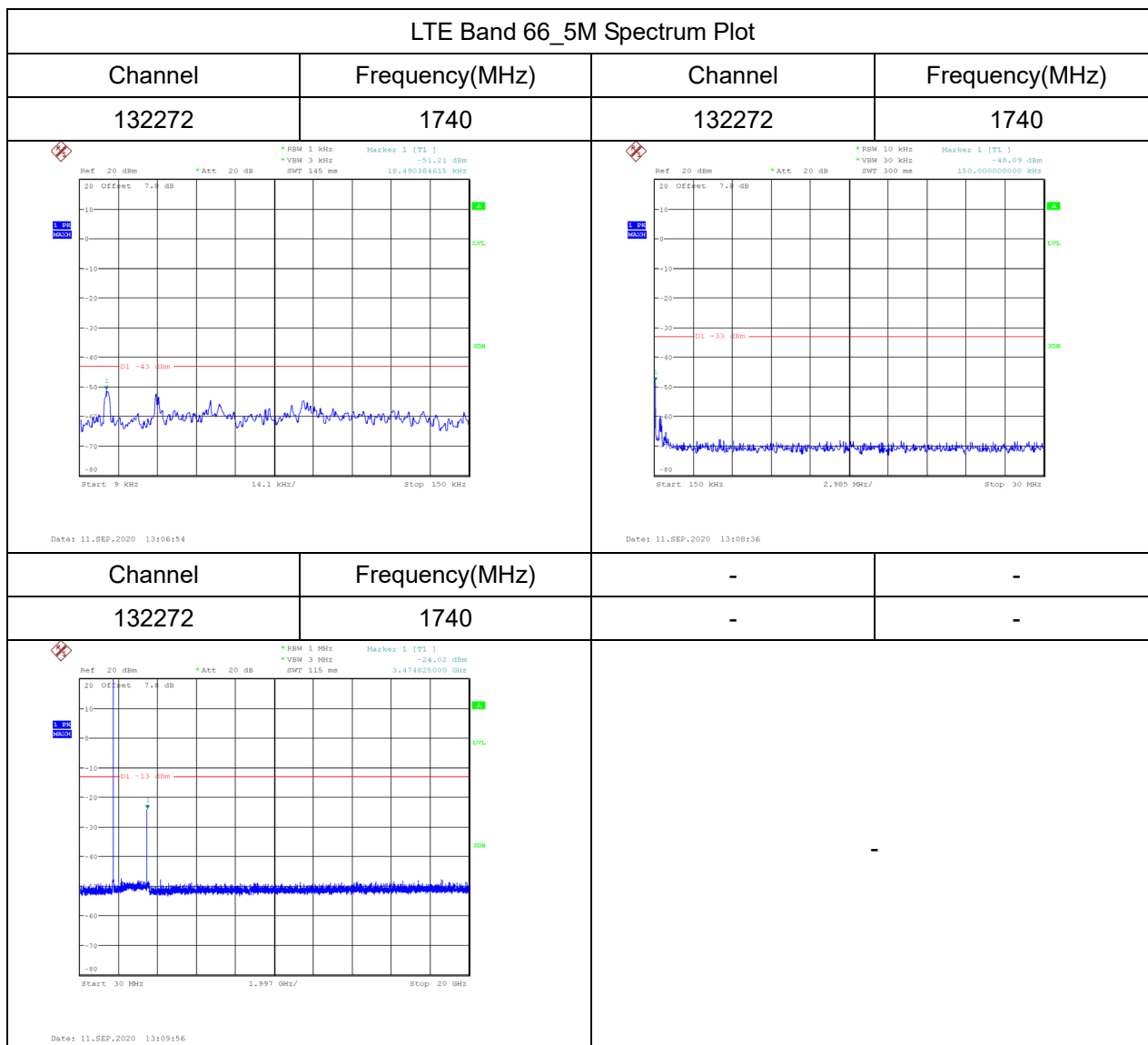


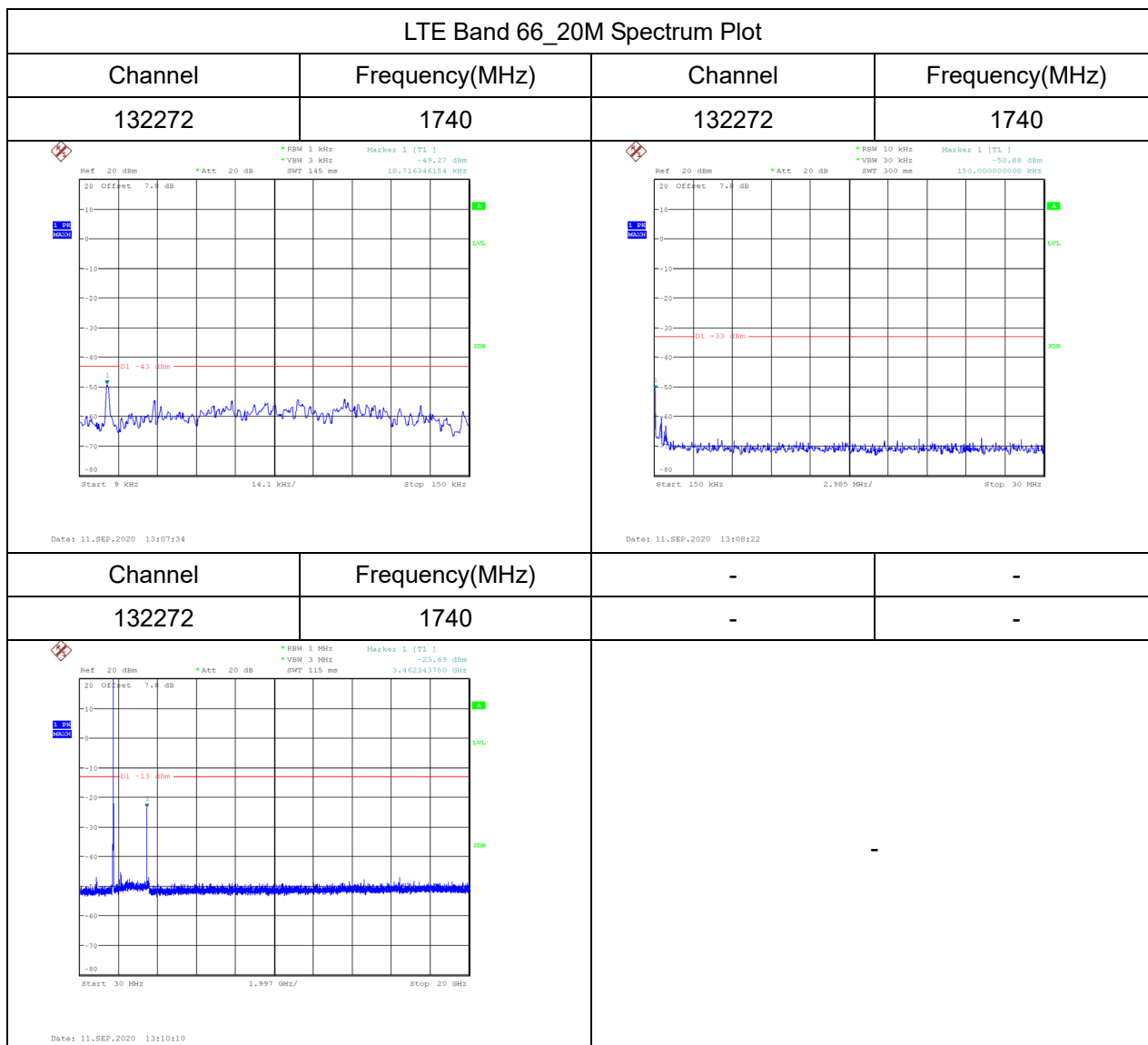








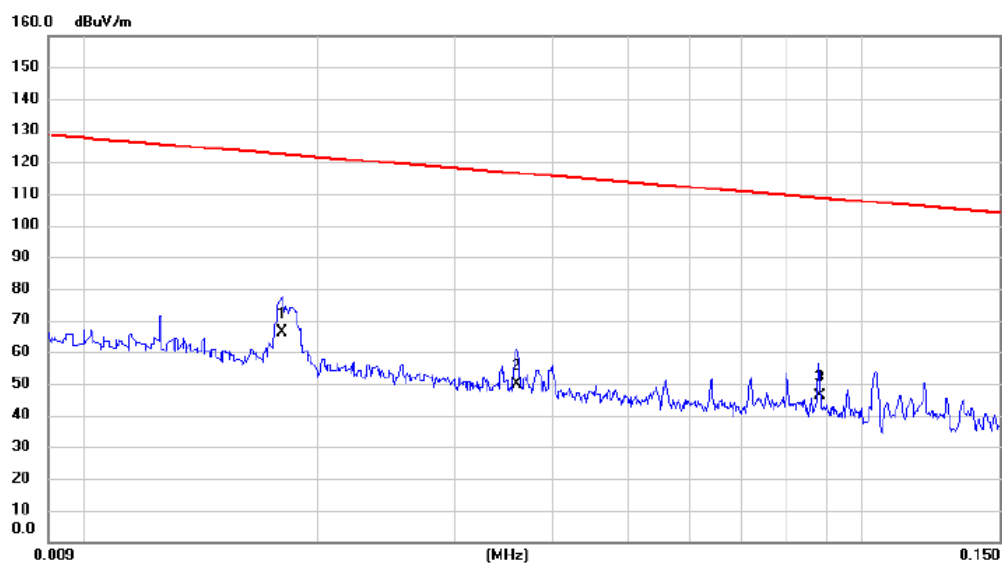




APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode	TX Mode
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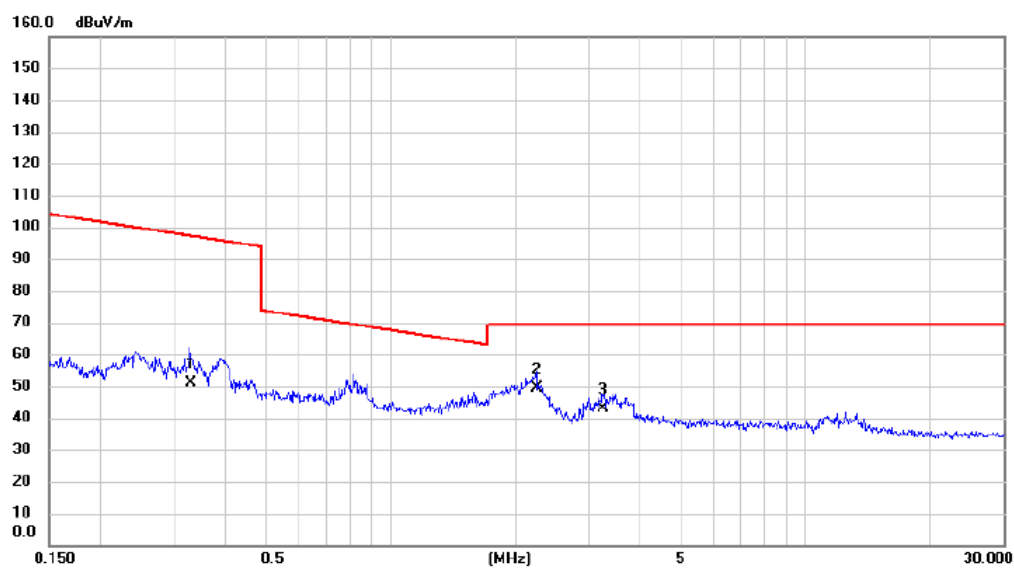
Ant 0°



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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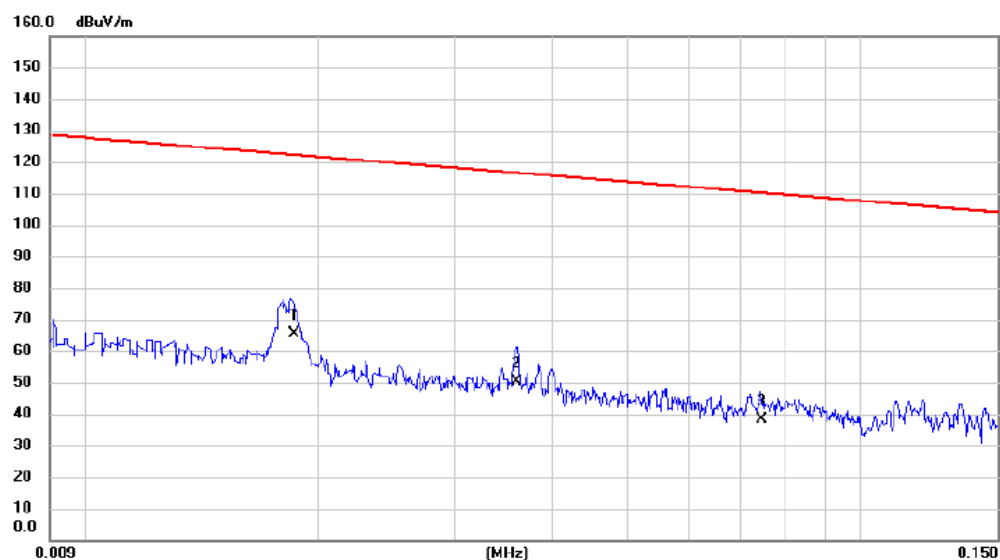
Ant 0°



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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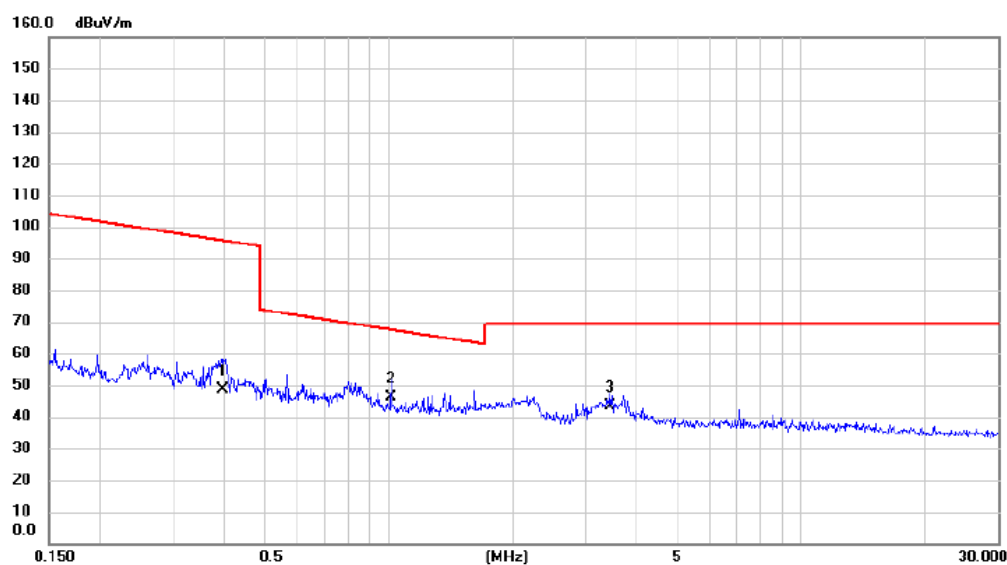
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	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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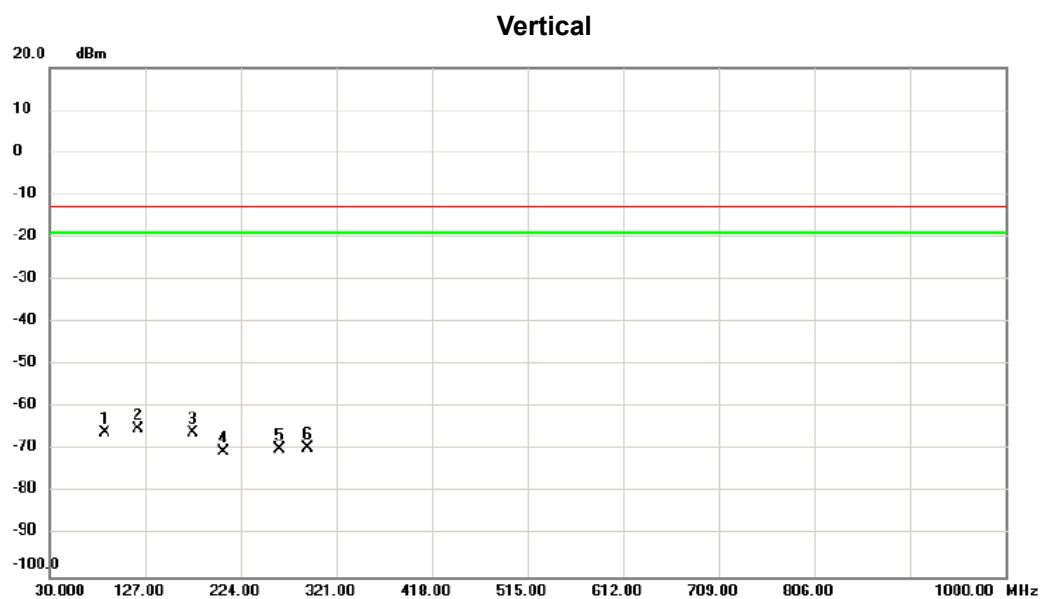
Ant 90°



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 1GHZ)

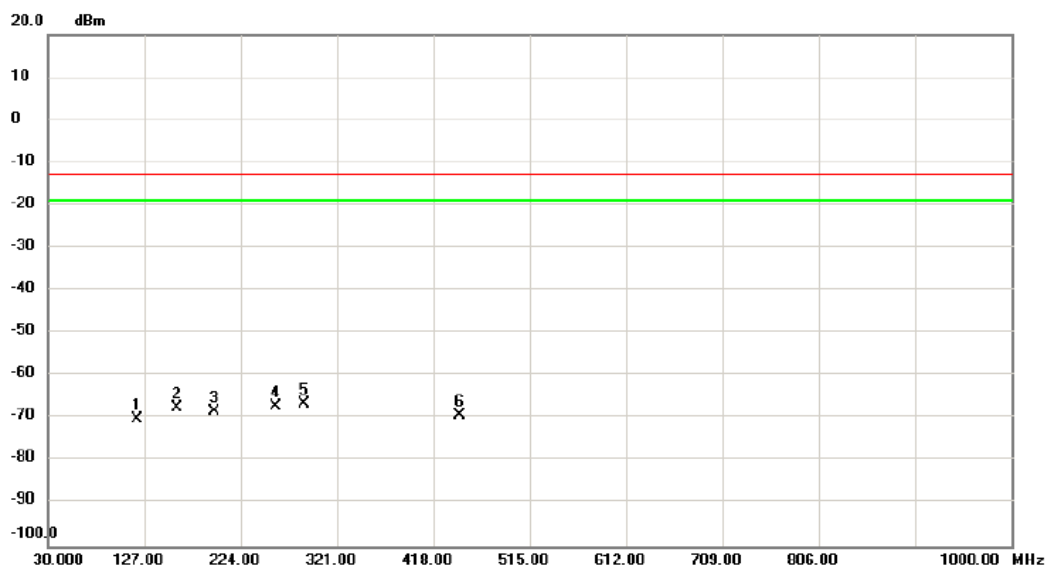
Test Mode	WCDMA Band IV_TX CH1413_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		86.745	-49.59	-16.39	-65.98	-13.00	-52.98	peak	
2	*	119.240	-52.06	-12.85	-64.91	-13.00	-51.91	peak	
3		175.985	-53.55	-12.51	-66.06	-13.00	-53.06	peak	
4		206.055	-55.30	-15.06	-70.36	-13.00	-57.36	peak	
5		263.770	-57.37	-12.38	-69.75	-13.00	-56.75	peak	
6		291.415	-58.02	-11.41	-69.43	-13.00	-56.43	peak	

Test Mode	WCDMA Band IV_TX CH1413_Main Antenna
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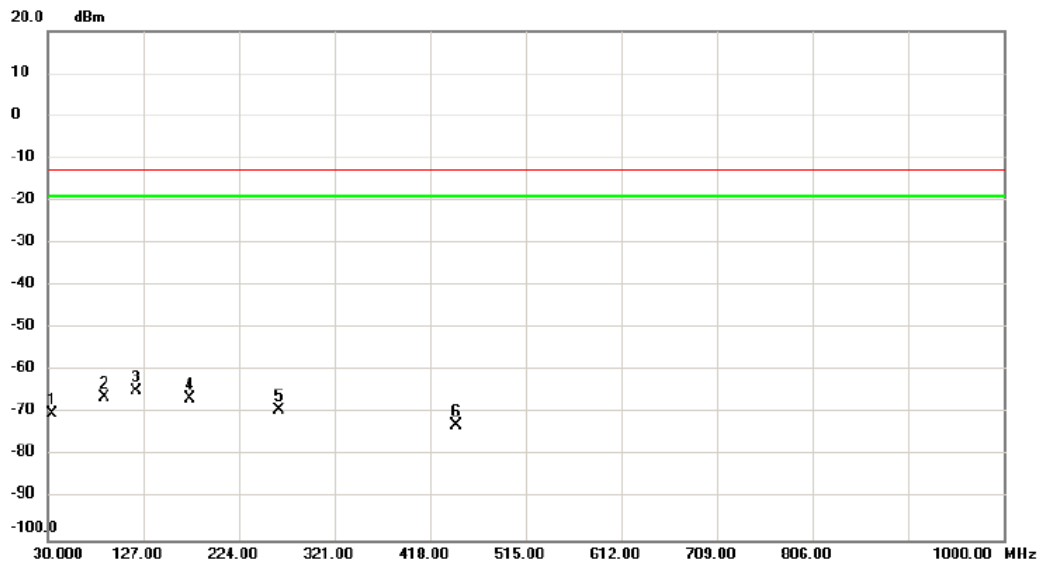
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		120.210	-57.39	-12.74	-70.13	-13.00	-57.13	peak	
2		159.980	-56.88	-10.67	-67.55	-13.00	-54.55	peak	
3		197.810	-53.77	-14.64	-68.41	-13.00	-55.41	peak	
4		259.405	-55.02	-12.28	-67.30	-13.00	-54.30	peak	
5	*	287.535	-54.97	-11.65	-66.62	-13.00	-53.62	peak	
6		444.675	-61.42	-7.78	-69.20	-13.00	-56.20	peak	

Test Mode	WCDMA Band IV_TX CH1413_Second Antenna
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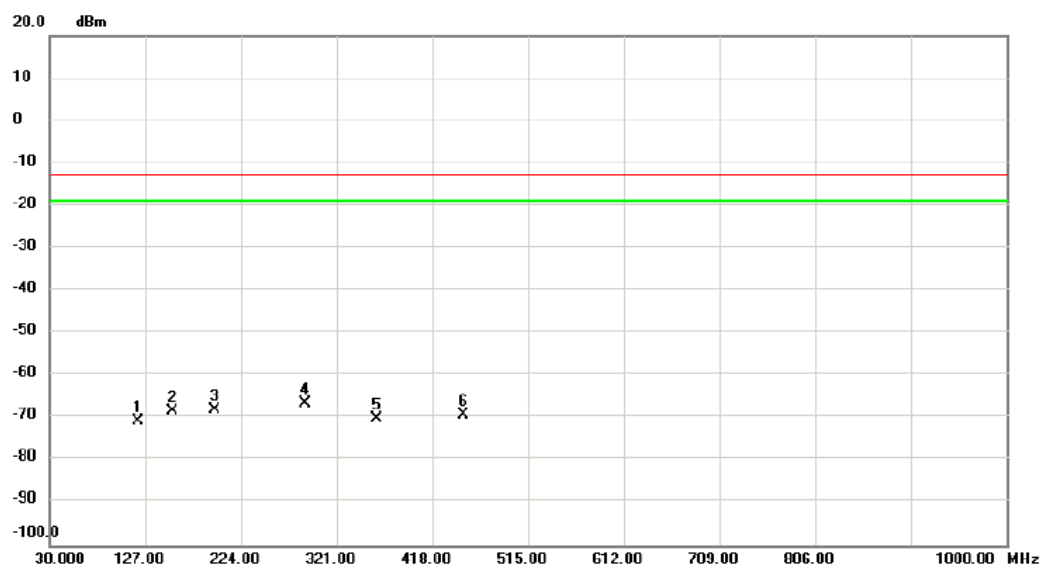
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-55.32	-14.80	-70.12	-13.00	-57.12	peak	
2		87.715	-50.04	-16.20	-66.24	-13.00	-53.24	peak	
3	*	119.725	-51.95	-12.78	-64.73	-13.00	-51.73	peak	
4		174.045	-54.33	-12.36	-66.69	-13.00	-53.69	peak	
5		264.255	-56.98	-12.40	-69.38	-13.00	-56.38	peak	
6		444.675	-64.95	-7.78	-72.73	-13.00	-59.73	peak	

Test Mode	WCDMA Band IV_TX CH1413_Second Antenna
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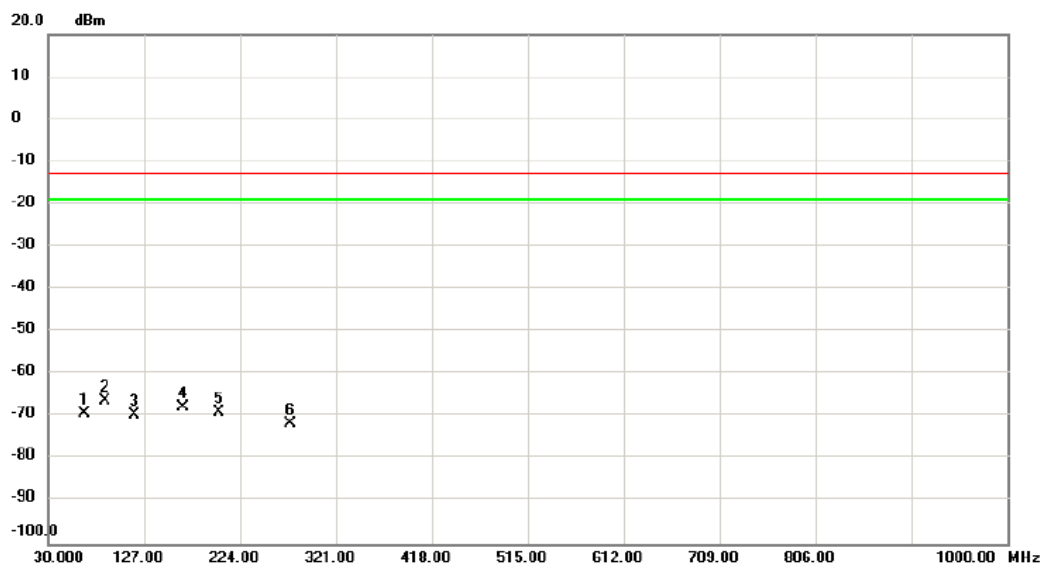
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.240	-57.92	-12.85	-70.77	-13.00	-57.77	peak	
2		155.130	-57.05	-11.29	-68.34	-13.00	-55.34	peak	
3		197.810	-53.43	-14.64	-68.07	-13.00	-55.07	peak	
4	*	289.475	-55.03	-11.51	-66.54	-13.00	-53.54	peak	
5		361.740	-60.17	-9.92	-70.09	-13.00	-57.09	peak	
6		449.525	-61.68	-7.64	-69.32	-13.00	-56.32	peak	

Test Mode	LTE Band 4_TX CH20175_1.4M_Main Antenna
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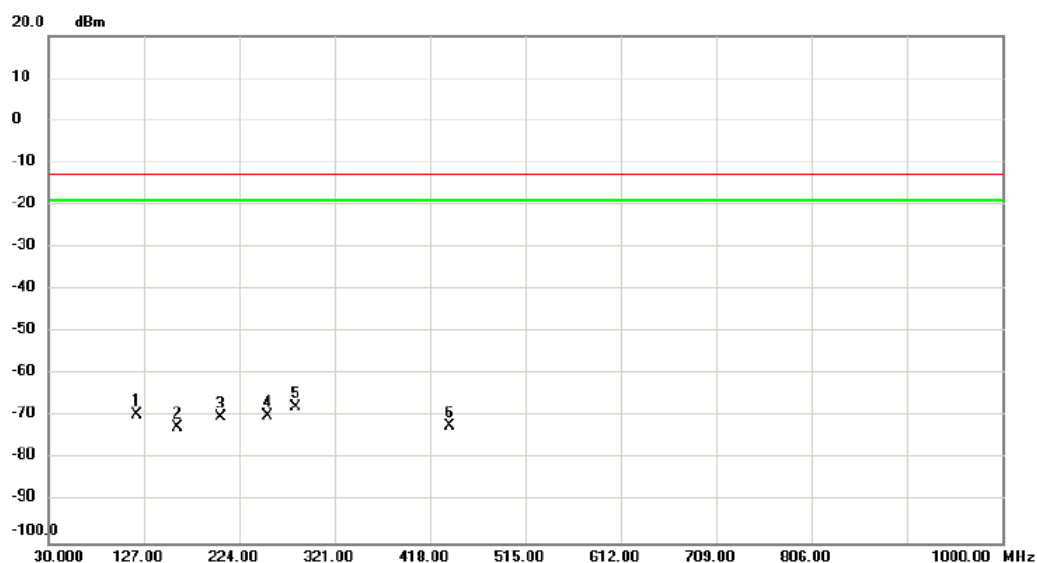
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.860	-54.11	-15.25	-69.36	-13.00	-56.36	peak	
2	*	87.230	-50.00	-16.29	-66.29	-13.00	-53.29	peak	
3		117.300	-56.50	-13.14	-69.64	-13.00	-56.64	peak	
4		166.285	-56.06	-11.56	-67.62	-13.00	-54.62	peak	
5		202.660	-54.03	-14.92	-68.95	-13.00	-55.95	peak	
6		275.410	-59.29	-12.37	-71.66	-13.00	-58.66	peak	

Test Mode	LTE Band 4_TX CH20175_1.4M_Main Antenna
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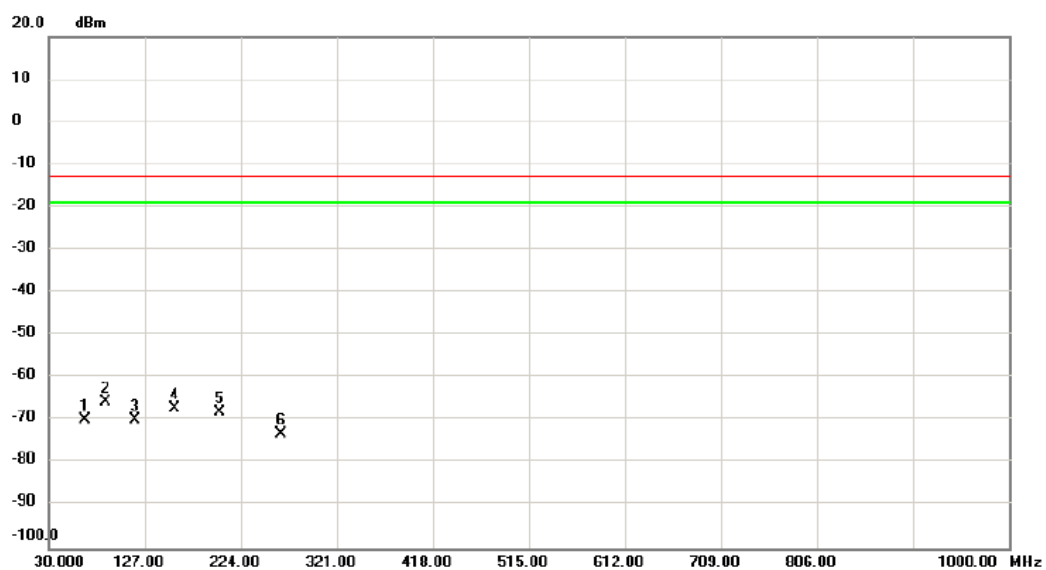
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1		119.240	-56.61	-12.85	-69.46	-13.00	-56.46	peak	
2		161.435	-61.54	-10.88	-72.42	-13.00	-59.42	peak	
3		204.600	-55.05	-15.00	-70.05	-13.00	-57.05	peak	
4		253.100	-56.84	-12.96	-69.80	-13.00	-56.80	peak	
5	*	281.230	-55.73	-12.08	-67.81	-13.00	-54.81	peak	
6		437.885	-64.42	-7.97	-72.39	-13.00	-59.39	peak	

Test Mode	LTE Band 4_TX CH20175_5M_Main Antenna
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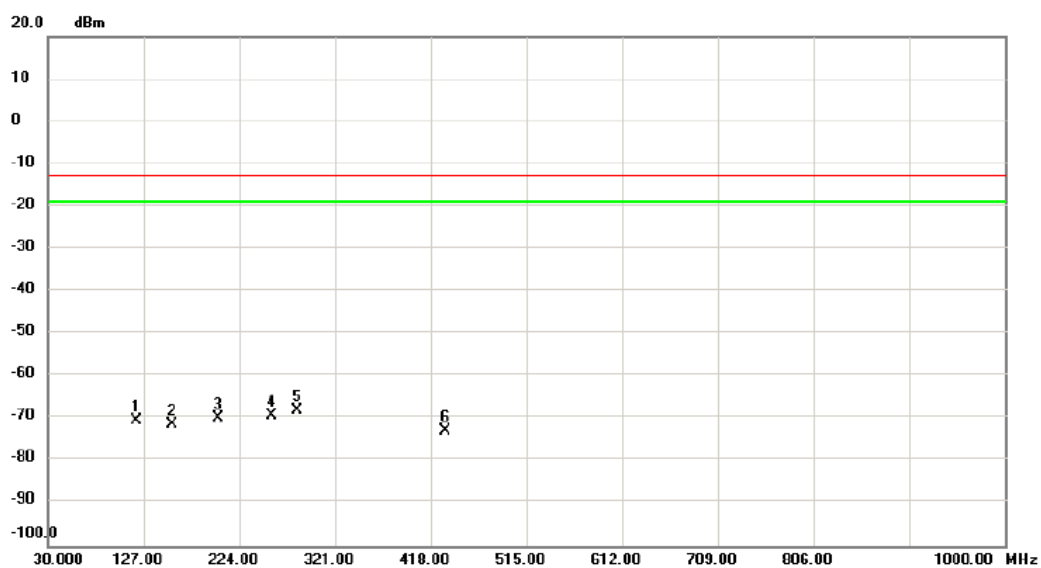
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.375	-54.83	-15.15	-69.98	-13.00	-56.98	peak	
2	*	87.230	-49.40	-16.29	-65.69	-13.00	-52.69	peak	
3		117.300	-56.71	-13.14	-69.85	-13.00	-56.85	peak	
4		157.070	-56.01	-11.05	-67.06	-13.00	-54.06	peak	
5		202.660	-53.02	-14.92	-67.94	-13.00	-54.94	peak	
6		265.225	-60.70	-12.44	-73.14	-13.00	-60.14	peak	

Test Mode	LTE Band 4_TX CH20175_5M_Main Antenna
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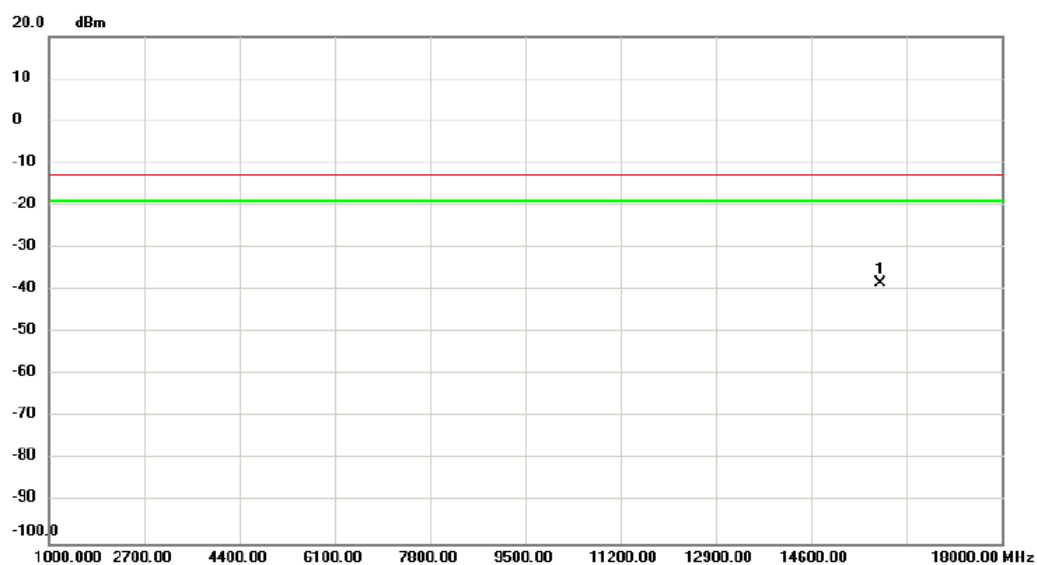
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.240	-57.54	-12.85	-70.39	-13.00	-57.39	peak	
2		156.100	-60.10	-11.18	-71.28	-13.00	-58.28	peak	
3		202.660	-54.78	-14.92	-69.70	-13.00	-56.70	peak	
4		256.495	-56.72	-12.60	-69.32	-13.00	-56.32	peak	
5	*	282.200	-55.91	-12.01	-67.92	-13.00	-54.92	peak	
6		433.035	-64.60	-8.11	-72.71	-13.00	-59.71	peak	

Test Mode	LTE Band 4_TX CH20175_20M_Main Antenna
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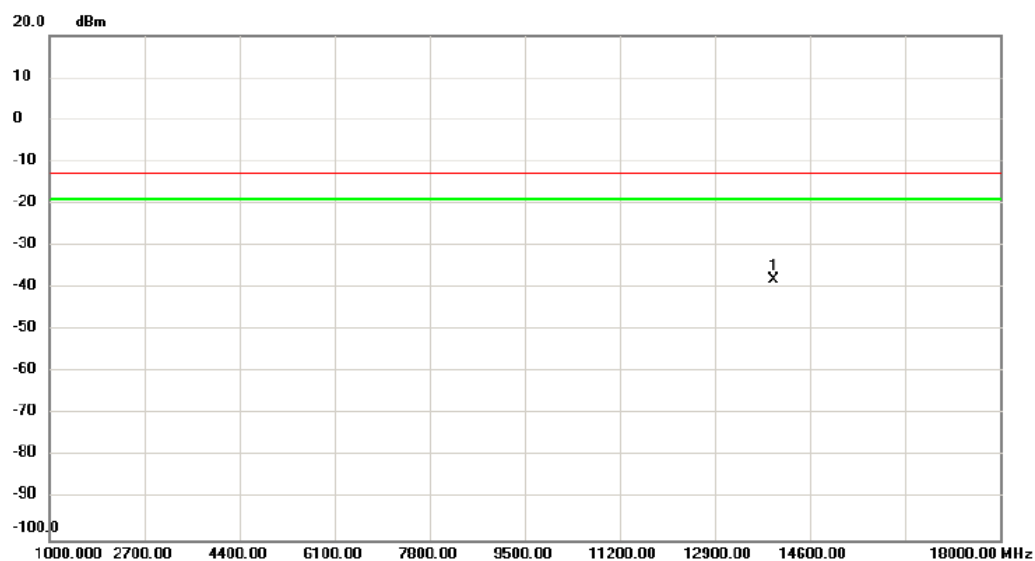
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	15841.000	-55.73	17.50	-38.23	-13.00	-25.23	peak	

Test Mode	LTE Band 4_TX CH20175_20M_Main Antenna
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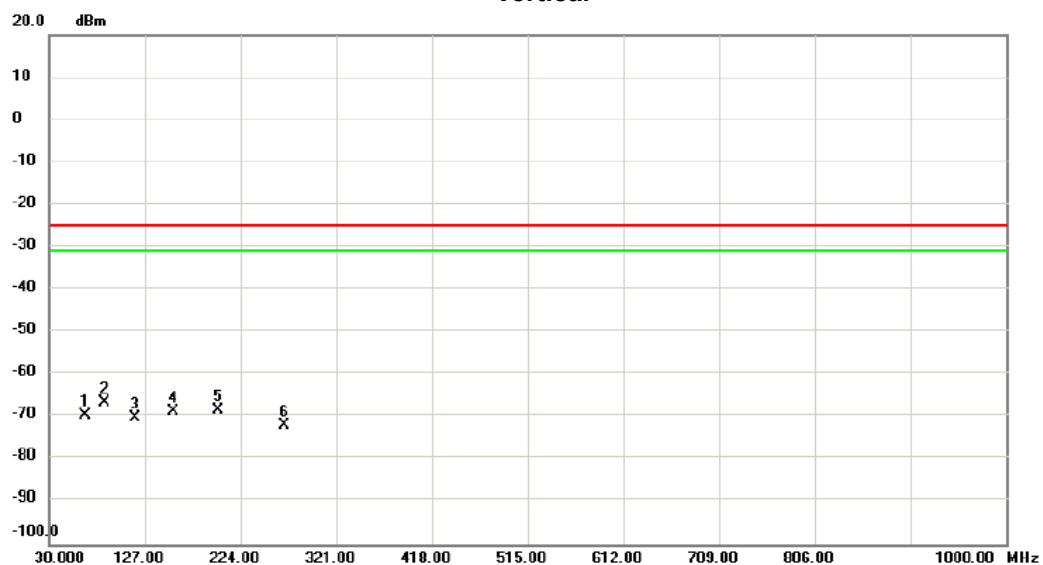
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	13945.500	-57.27	19.08	-38.19	-13.00	-25.19	peak	

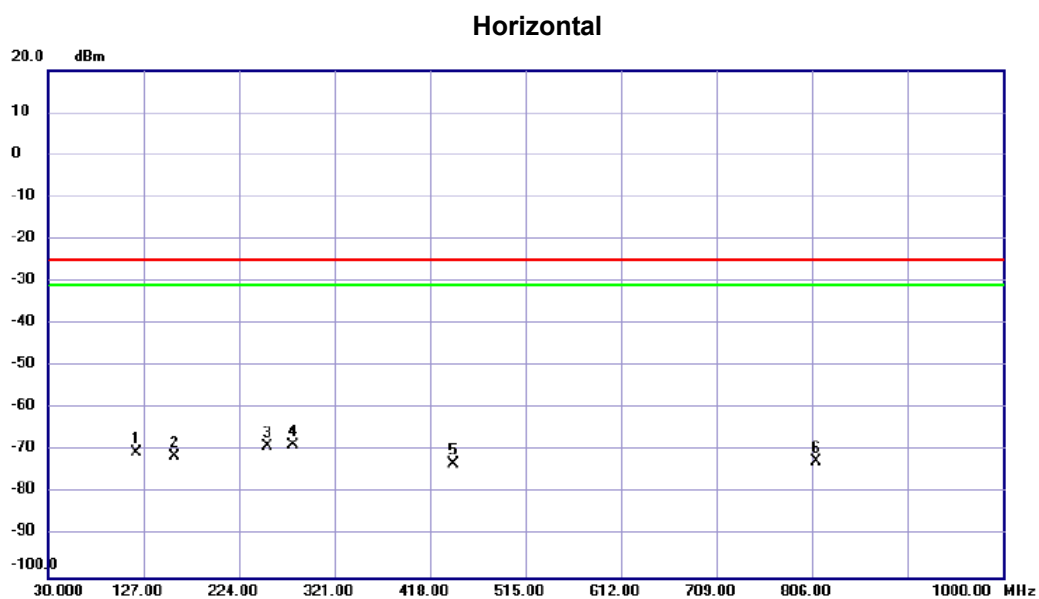
Test Mode	LTE Band 7_TX CH21100_5M_Main Antenna
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Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		66.375	-54.30	-15.15	-69.45	-25.00	-44.45	peak	
2	*	86.260	-50.11	-16.50	-66.61	-25.00	-41.61	peak	
3		117.300	-57.04	-13.14	-70.18	-25.00	-45.18	peak	
4		156.100	-57.41	-11.18	-68.59	-25.00	-43.59	peak	
5		201.690	-53.47	-14.87	-68.34	-25.00	-43.34	peak	
6		268.135	-59.46	-12.57	-72.03	-25.00	-47.03	peak	

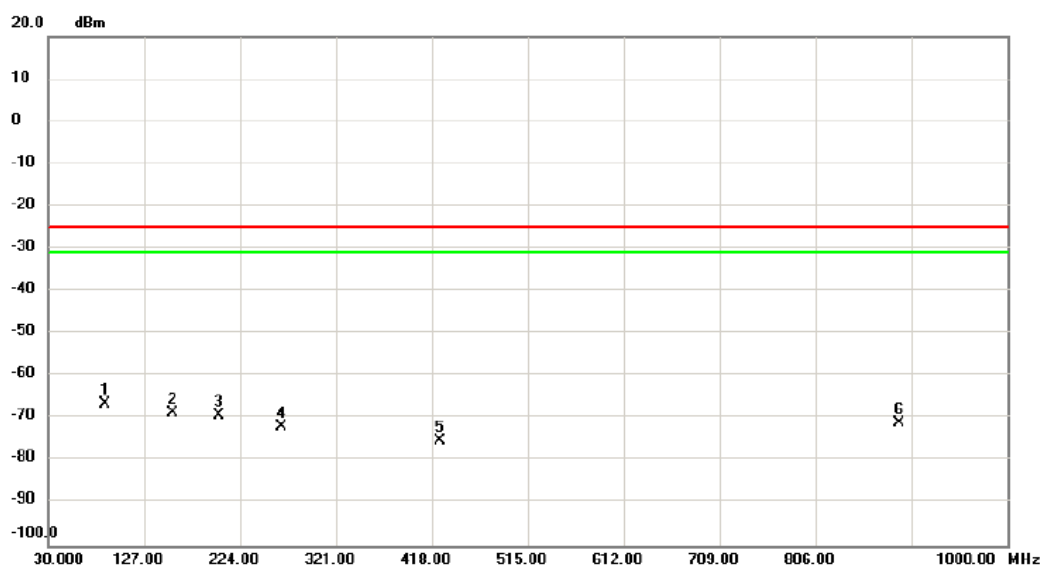
Test Mode	LTE Band 7_TX CH21100_5M_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		120.2100	-57.73	-12.74	-70.47	-25.00	-45.47	peak	
2		158.0400	-60.33	-10.93	-71.26	-25.00	-46.26	peak	
3		252.6150	-55.92	-13.02	-68.94	-25.00	-43.94	peak	
4	*	279.2900	-56.33	-12.19	-68.52	-25.00	-43.52	peak	
5		442.2500	-65.24	-7.85	-73.09	-25.00	-48.09	peak	
6		810.8500	-70.06	-2.36	-72.42	-25.00	-47.42	peak	

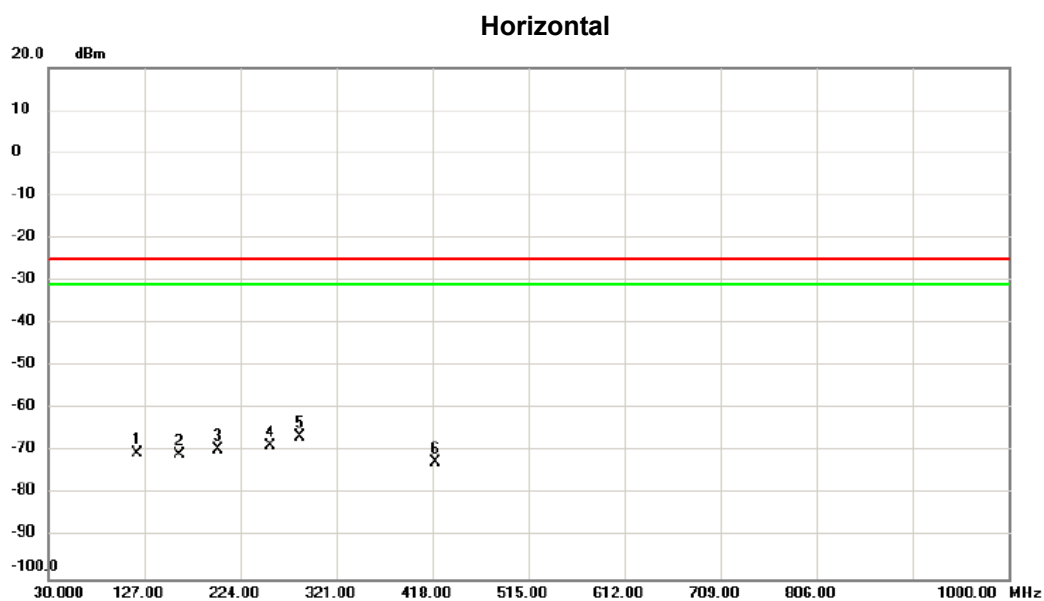
Test Mode	LTE Band 7_TX CH21100_20M_Main Antenna
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Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	87.230	-50.36	-16.29	-66.65	-25.00	-41.65	peak	
2		156.585	-57.49	-11.11	-68.60	-25.00	-43.60	peak	
3		202.660	-54.41	-14.92	-69.33	-25.00	-44.33	peak	
4		266.195	-59.53	-12.48	-72.01	-25.00	-47.01	peak	
5		426.730	-66.85	-8.27	-75.12	-25.00	-50.12	peak	
6		890.875	-69.76	-1.26	-71.02	-25.00	-46.02	peak	

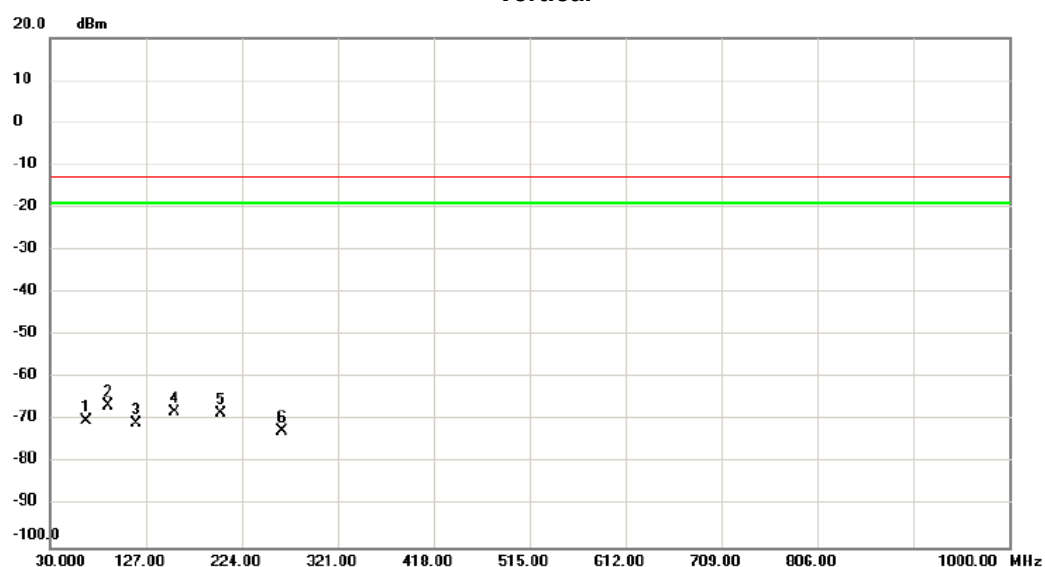
Test Mode	LTE Band 7_TX CH21100_20M_Main Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-57.64	-12.78	-70.42	-25.00	-45.42	peak	
2		161.920	-59.76	-10.94	-70.70	-25.00	-45.70	peak	
3		201.690	-54.70	-14.87	-69.57	-25.00	-44.57	peak	
4		254.555	-55.98	-12.81	-68.79	-25.00	-43.79	peak	
5	*	284.140	-54.77	-11.88	-66.65	-25.00	-41.65	peak	
6		421.395	-64.25	-8.41	-72.66	-25.00	-47.66	peak	

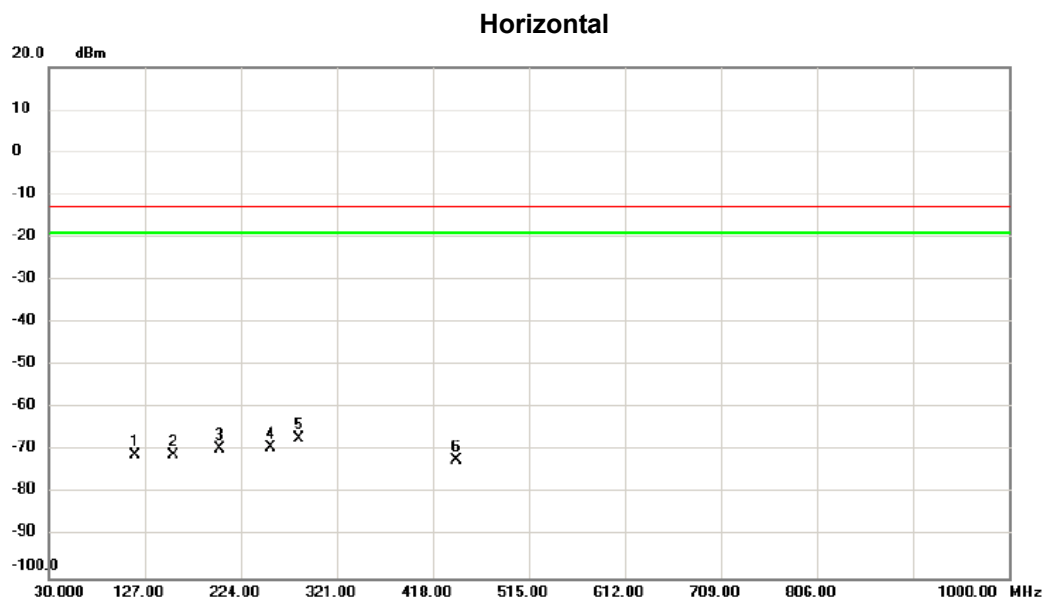
Test Mode:	LTE Band 12_TX CH23095_1.4M
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Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		67.345	-54.87	-15.35	-70.22	-13.00	-57.22	peak	
2	*	88.200	-50.52	-16.09	-66.61	-13.00	-53.61	peak	
3		117.300	-57.56	-13.14	-70.70	-13.00	-57.70	peak	
4		156.100	-56.78	-11.18	-67.96	-13.00	-54.96	peak	
5		202.175	-53.37	-14.90	-68.27	-13.00	-55.27	peak	
6		264.255	-60.11	-12.40	-72.51	-13.00	-59.51	peak	

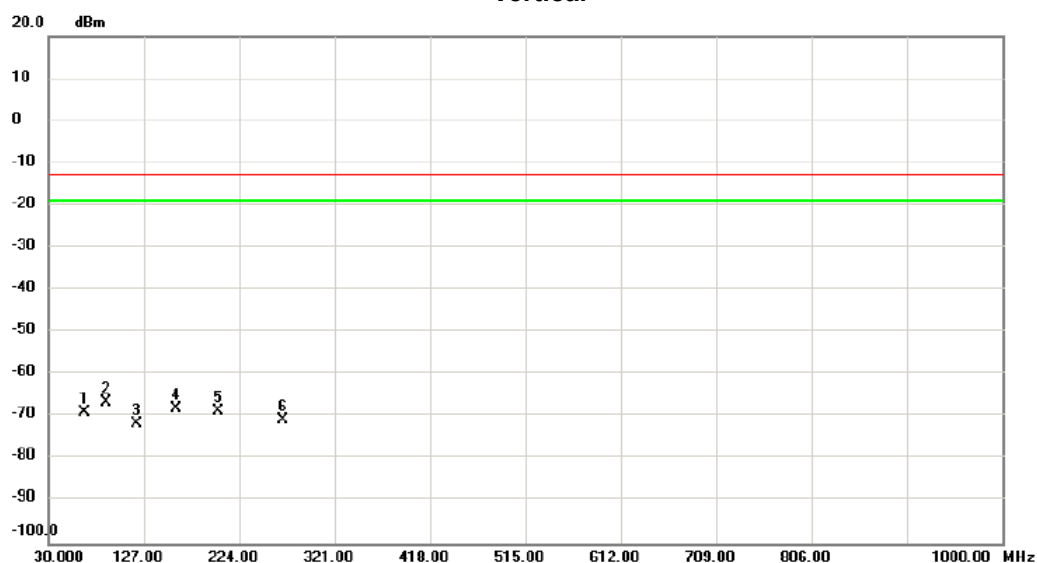
Test Mode:	LTE Band 12_TX CH23095_1.4M
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		116.815	-57.75	-13.22	-70.97	-13.00	-57.97	peak	
2		155.615	-59.91	-11.24	-71.15	-13.00	-58.15	peak	
3		202.660	-54.63	-14.92	-69.55	-13.00	-56.55	peak	
4		254.070	-56.47	-12.86	-69.33	-13.00	-56.33	peak	
5	*	282.200	-55.04	-12.01	-67.05	-13.00	-54.05	peak	
6		441.280	-64.38	-7.87	-72.25	-13.00	-59.25	peak	

Test Mode:	LTE Band 12_TX CH23095_5M
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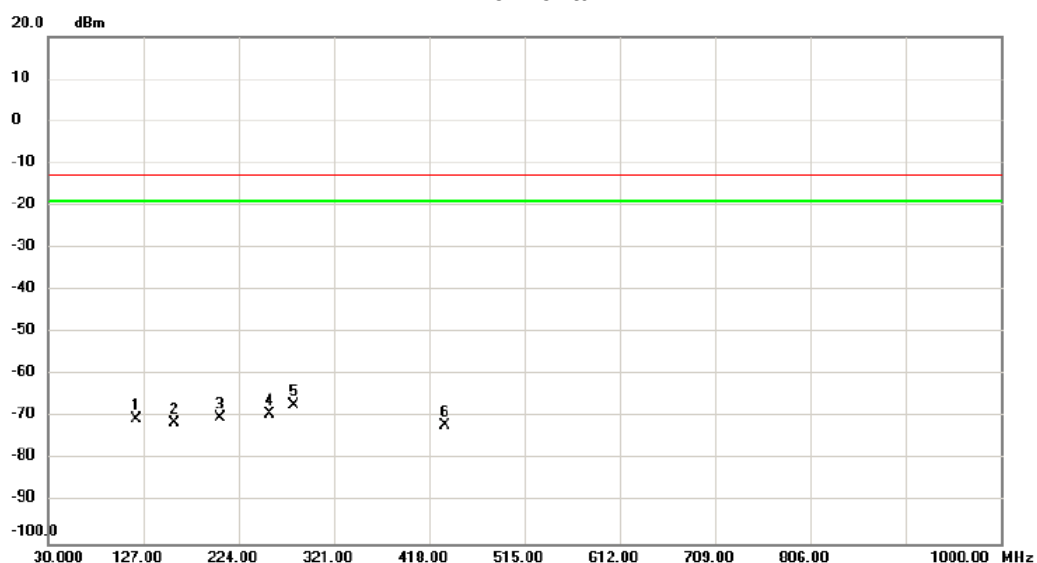
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.375	-53.79	-15.15	-68.94	-13.00	-55.94	peak	
2	*	88.685	-50.67	-15.99	-66.66	-13.00	-53.66	peak	
3		119.240	-58.93	-12.85	-71.78	-13.00	-58.78	peak	
4		159.495	-57.44	-10.74	-68.18	-13.00	-55.18	peak	
5		203.145	-53.64	-14.94	-68.58	-13.00	-55.58	peak	
6		268.620	-58.28	-12.59	-70.87	-13.00	-57.87	peak	

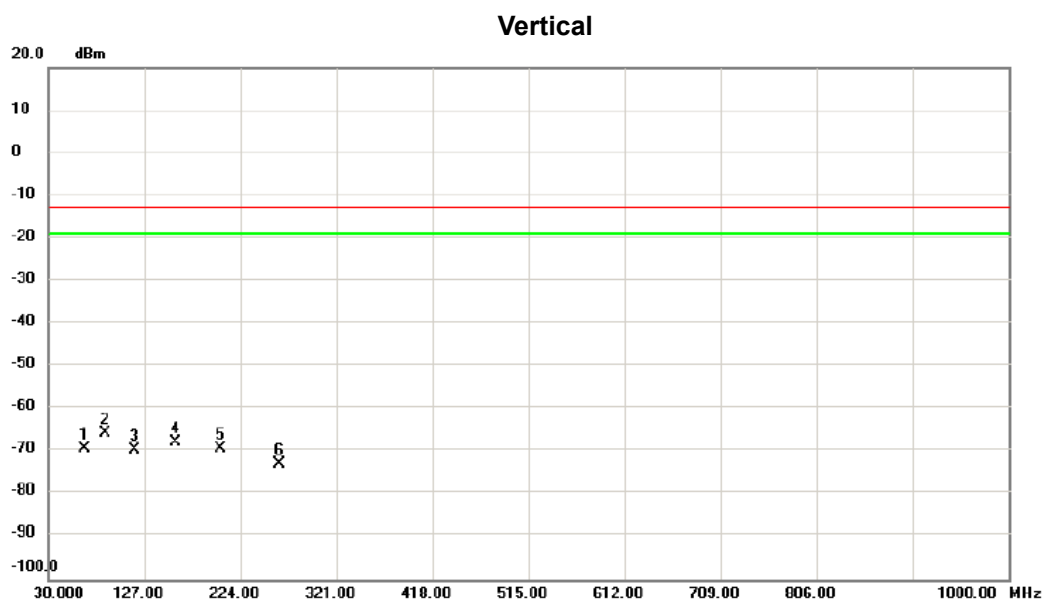
Test Mode:	LTE Band 12_TX CH23095_5M
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		119.725	-57.64	-12.78	-70.42	-13.00	-57.42	peak	
2		158.040	-60.31	-10.93	-71.24	-13.00	-58.24	peak	
3		204.600	-55.07	-15.00	-70.07	-13.00	-57.07	peak	
4		255.040	-56.35	-12.76	-69.11	-13.00	-56.11	peak	
5	*	280.745	-55.15	-12.12	-67.27	-13.00	-54.27	peak	
6		433.520	-63.98	-8.09	-72.07	-13.00	-59.07	peak	

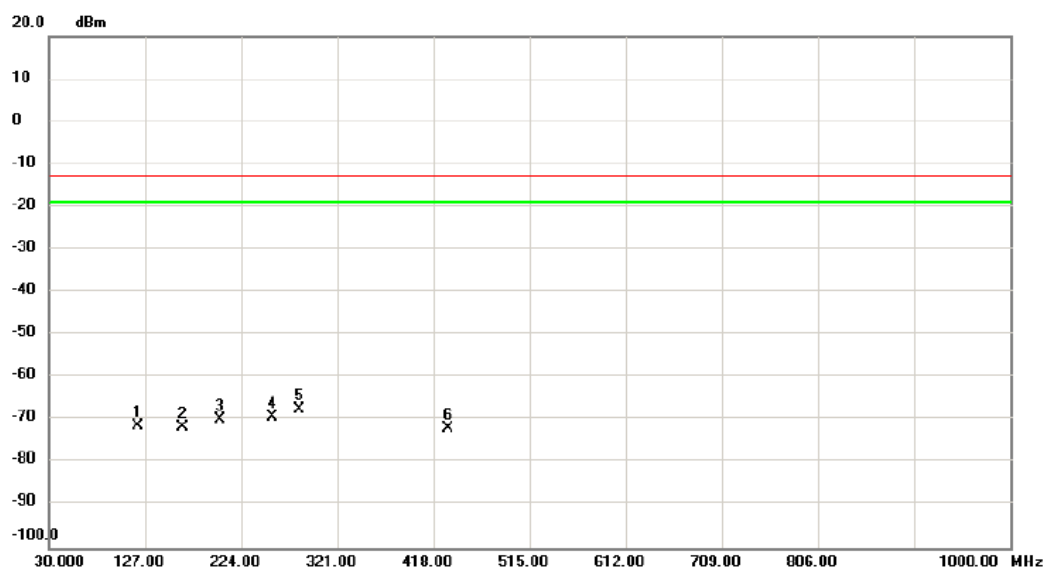
Test Mode:	LTE Band 12_TX CH23095_10M
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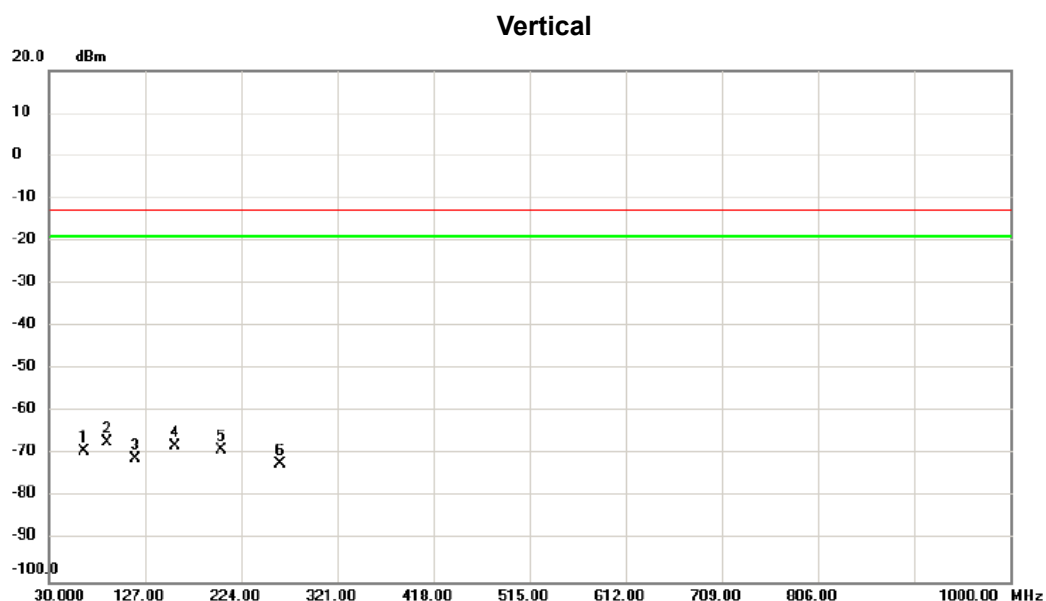
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.375	-54.09	-15.15	-69.24	-13.00	-56.24	peak	
2	*	87.230	-49.45	-16.29	-65.74	-13.00	-52.74	peak	
3		117.300	-56.54	-13.14	-69.68	-13.00	-56.68	peak	
4		159.010	-57.06	-10.80	-67.86	-13.00	-54.86	peak	
5		204.115	-54.38	-14.98	-69.36	-13.00	-56.36	peak	
6		263.770	-60.41	-12.38	-72.79	-13.00	-59.79	peak	

Test Mode: LTE Band 12_TX CH23095_10M

Horizontal

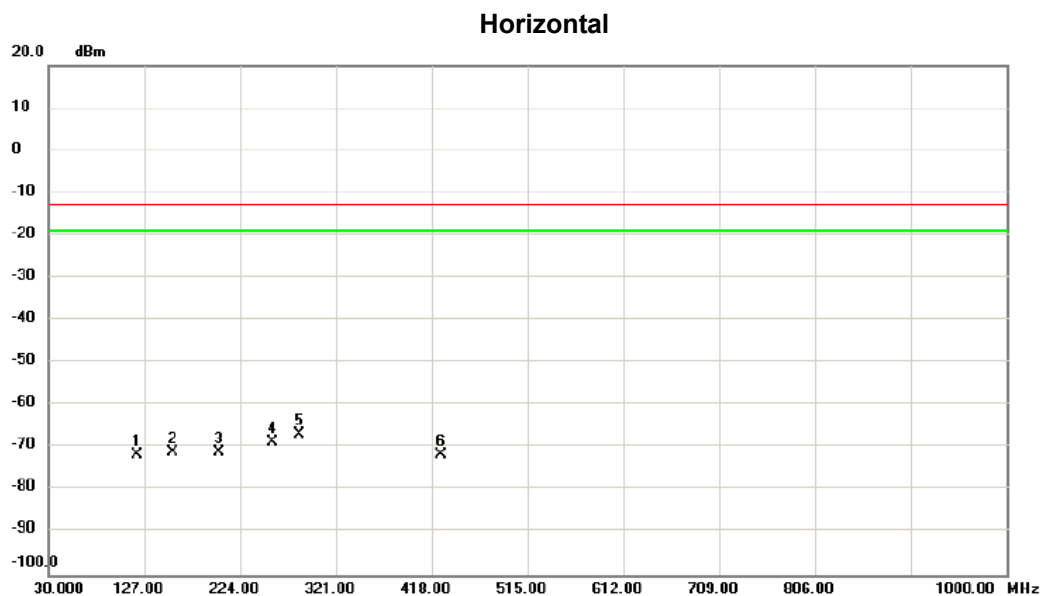


Test Mode:	LTE Band 17_TX CH23790_5M
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		65.405	-54.32	-14.95	-69.27	-13.00	-56.27	peak	
2	*	88.685	-51.07	-15.99	-67.06	-13.00	-54.06	peak	
3		117.300	-57.83	-13.14	-70.97	-13.00	-57.97	peak	
4		157.555	-57.21	-10.98	-68.19	-13.00	-55.19	peak	
5		203.630	-53.87	-14.95	-68.82	-13.00	-55.82	peak	
6		263.770	-59.84	-12.38	-72.22	-13.00	-59.22	peak	

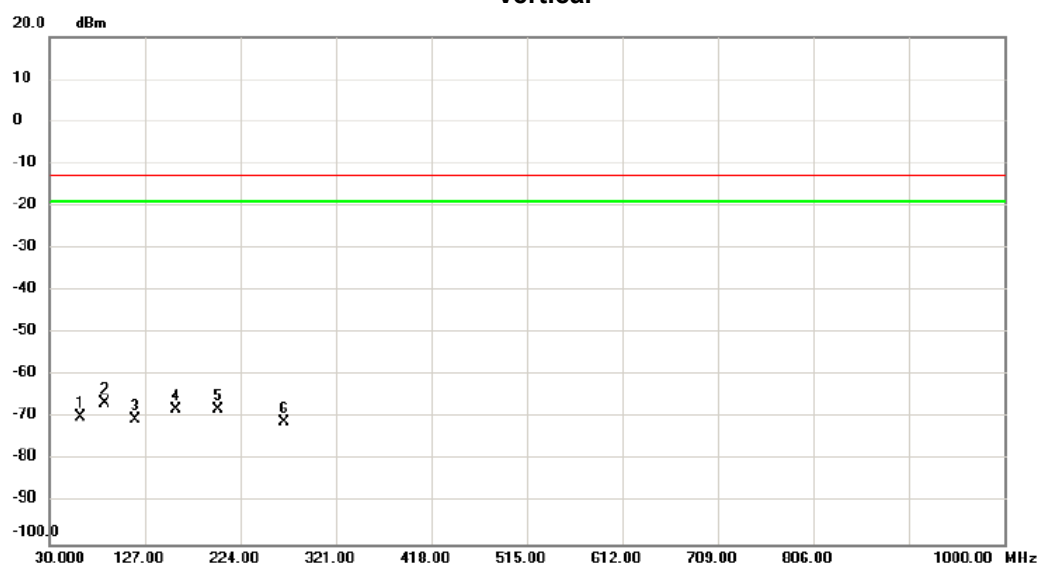
Test Mode:	LTE Band 17_TX CH23790_5M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		119.240	-58.66	-12.85	-71.51	-13.00	-58.51	peak	
2		156.100	-59.92	-11.18	-71.10	-13.00	-58.10	peak	
3		203.145	-56.10	-14.94	-71.04	-13.00	-58.04	peak	
4		256.495	-56.03	-12.60	-68.63	-13.00	-55.63	peak	
5	*	283.655	-55.08	-11.91	-66.99	-13.00	-53.99	peak	
6		428.185	-63.43	-8.24	-71.67	-13.00	-58.67	peak	

Test Mode:	LTE Band 17_TX CH23790_10M
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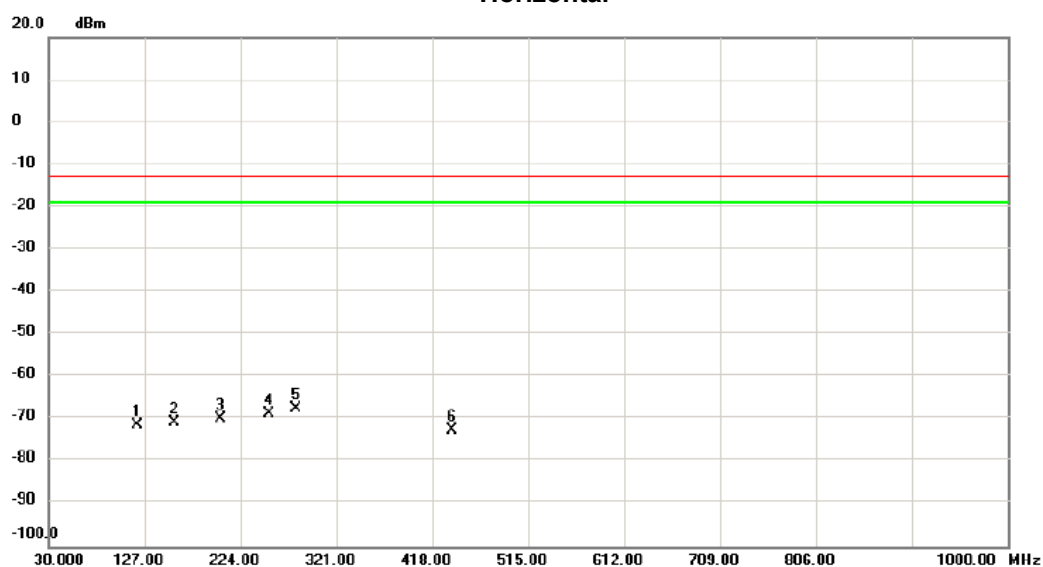
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		61.040	-55.39	-14.58	-69.97	-13.00	-56.97	peak	
2	*	86.260	-49.95	-16.50	-66.45	-13.00	-53.45	peak	
3		117.785	-57.45	-13.07	-70.52	-13.00	-57.52	peak	
4		159.010	-57.31	-10.80	-68.11	-13.00	-55.11	peak	
5		201.205	-53.13	-14.85	-67.98	-13.00	-54.98	peak	
6		269.105	-58.34	-12.60	-70.94	-13.00	-57.94	peak	

Test Mode: LTE Band 17_TX CH23790_10M

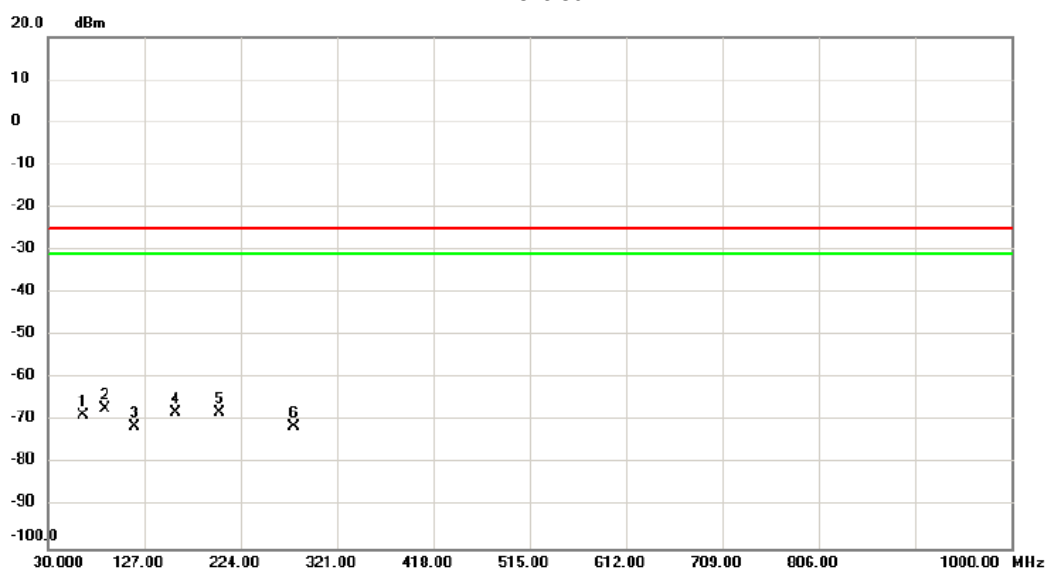
Horizontal



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1		119.240	-58.57	-12.85	-71.42	-13.00	-58.42	peak	
2		157.555	-59.86	-10.98	-70.84	-13.00	-57.84	peak	
3		204.115	-54.98	-14.98	-69.96	-13.00	-56.96	peak	
4		253.100	-55.81	-12.96	-68.77	-13.00	-55.77	peak	
5	*	280.260	-55.29	-12.14	-67.43	-13.00	-54.43	peak	
6		437.400	-64.71	-7.98	-72.69	-13.00	-59.69	peak	

Test Mode	LTE Band 38_TX CH38000_5M_Main Antenna
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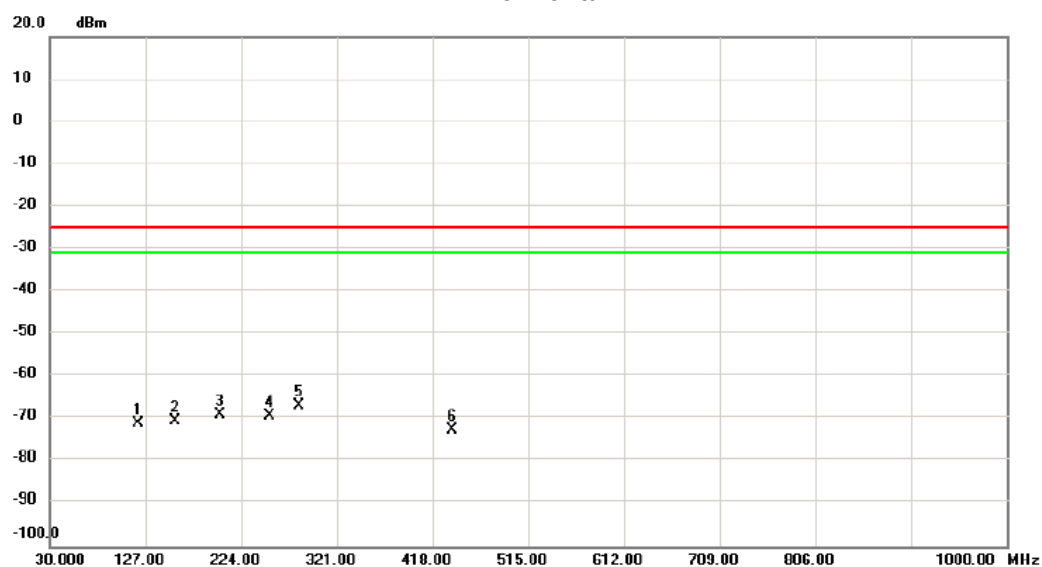
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		65.890	-53.75	-15.05	-68.80	-25.00	-43.80	peak	
2	*	87.715	-51.03	-16.20	-67.23	-25.00	-42.23	peak	
3		116.815	-58.13	-13.22	-71.35	-25.00	-46.35	peak	
4		158.040	-57.10	-10.93	-68.03	-25.00	-43.03	peak	
5		202.660	-53.20	-14.92	-68.12	-25.00	-43.12	peak	
6		277.350	-59.02	-12.29	-71.31	-25.00	-46.31	peak	

Test Mode	LTE Band 38_TX CH38000_5M_Main Antenna
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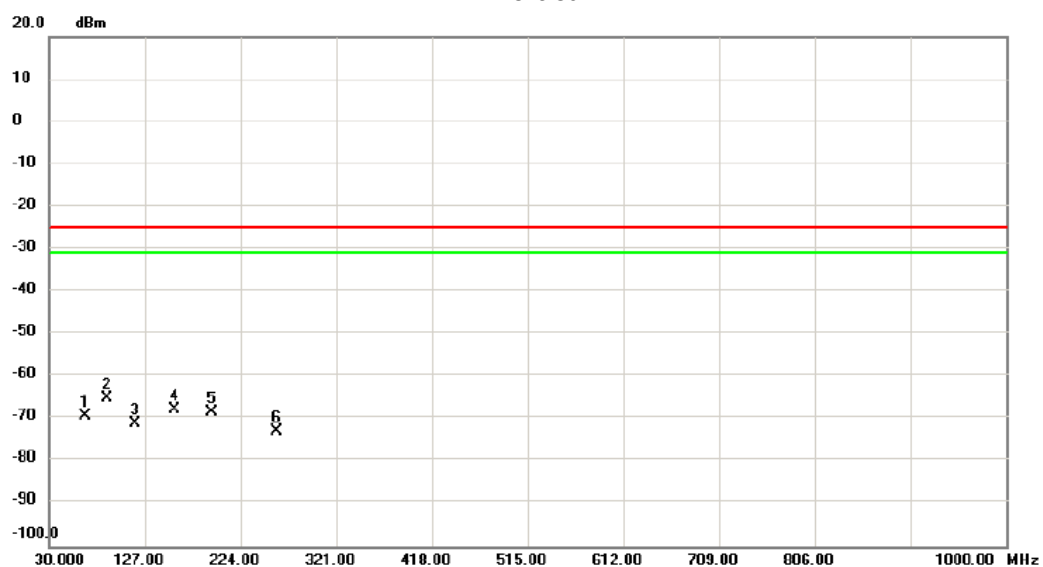
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		120.210	-58.16	-12.74	-70.90	-25.00	-45.90	peak	
2		157.555	-59.47	-10.98	-70.45	-25.00	-45.45	peak	
3		202.660	-53.96	-14.92	-68.88	-25.00	-43.88	peak	
4		252.615	-56.25	-13.02	-69.27	-25.00	-44.27	peak	
5	*	283.170	-54.97	-11.94	-66.91	-25.00	-41.91	peak	
6		438.370	-64.70	-7.96	-72.66	-25.00	-47.66	peak	

Test Mode	LTE Band 38_TX CH38000_20M_Main Antenna
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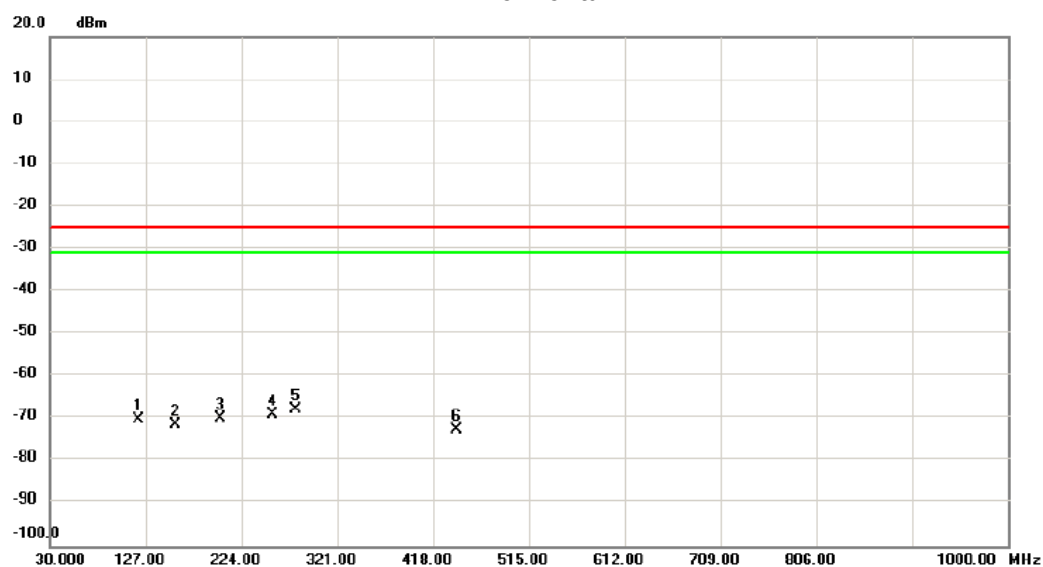
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		66.375	-54.05	-15.15	-69.20	-25.00	-44.20	peak	
2	*	88.200	-49.01	-16.09	-65.10	-25.00	-40.10	peak	
3		117.300	-58.00	-13.14	-71.14	-25.00	-46.14	peak	
4		157.070	-56.64	-11.05	-67.69	-25.00	-42.69	peak	
5		194.900	-54.02	-14.44	-68.46	-25.00	-43.46	peak	
6		261.345	-60.45	-12.28	-72.73	-25.00	-47.73	peak	

Test Mode	LTE Band 38_TX CH38000_20M_Main Antenna
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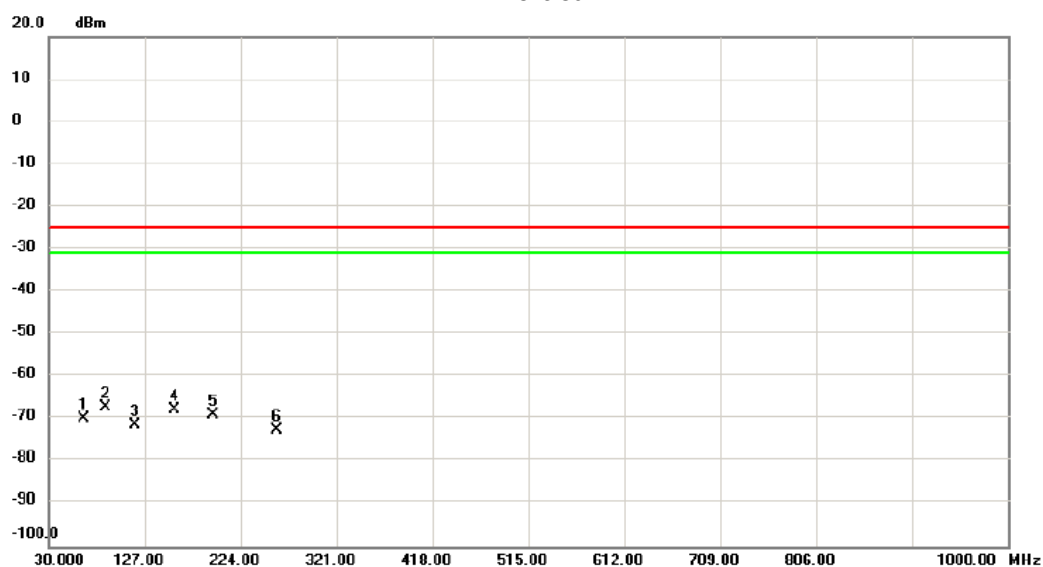
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-57.34	-12.78	-70.12	-25.00	-45.12	peak	
2		157.070	-60.31	-11.05	-71.36	-25.00	-46.36	peak	
3		203.145	-54.81	-14.94	-69.75	-25.00	-44.75	peak	
4		255.525	-56.31	-12.71	-69.02	-25.00	-44.02	peak	
5	*	279.290	-55.68	-12.19	-67.87	-25.00	-42.87	peak	
6		441.280	-64.62	-7.87	-72.49	-25.00	-47.49	peak	

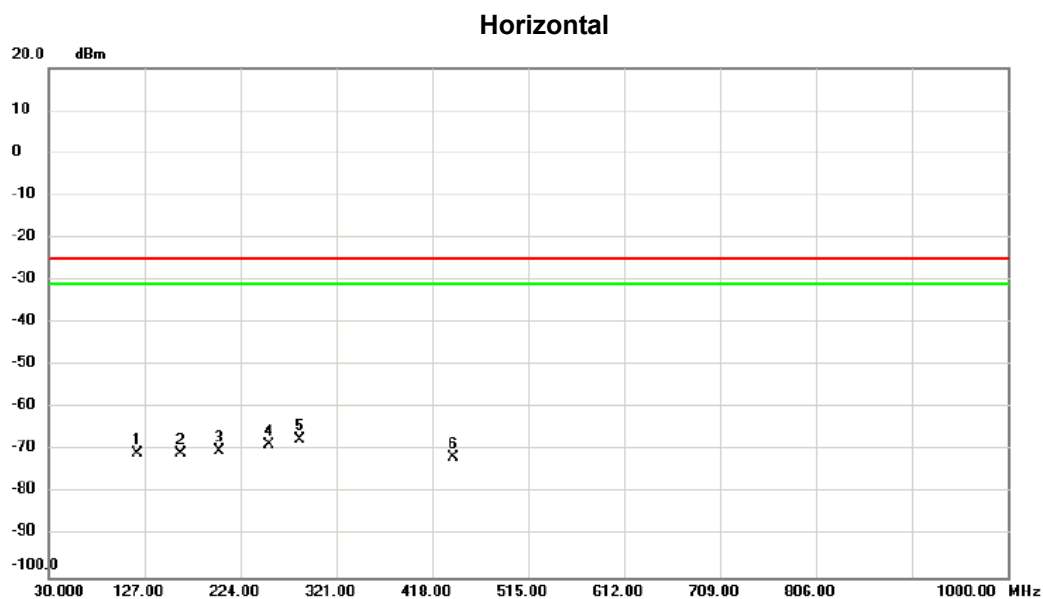
Test Mode	LTE Band 41_TX CH40640_5M_Main Antenna
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Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		65.890	-54.65	-15.05	-69.70	-25.00	-44.70	peak	
2	*	87.715	-50.89	-16.20	-67.09	-25.00	-42.09	peak	
3		117.300	-58.09	-13.14	-71.23	-25.00	-46.23	peak	
4		157.555	-56.90	-10.98	-67.88	-25.00	-42.88	peak	
5		195.870	-54.52	-14.52	-69.04	-25.00	-44.04	peak	
6		261.345	-60.16	-12.28	-72.44	-25.00	-47.44	peak	

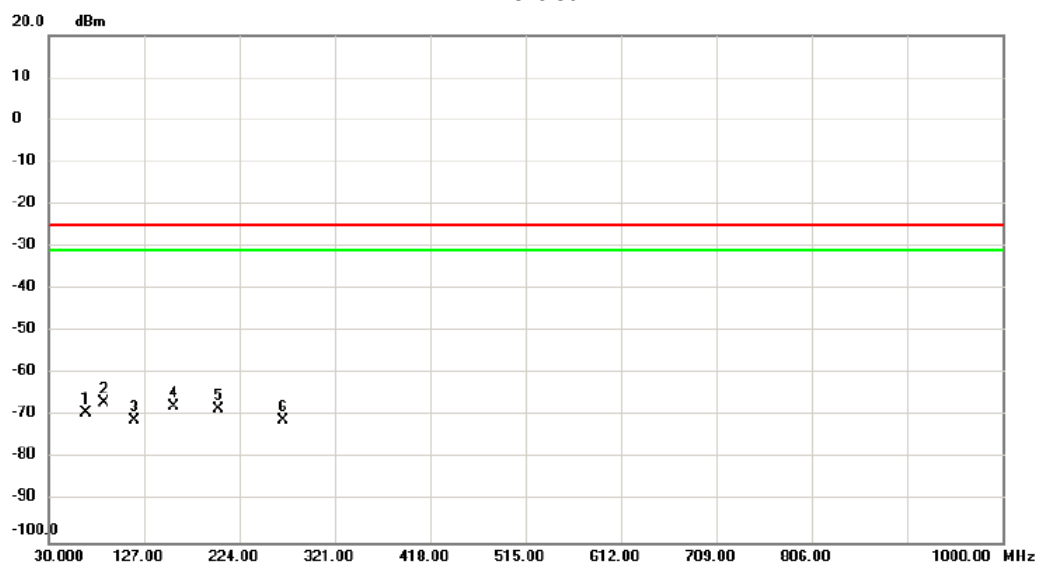
Test Mode	LTE Band 41_TX CH40640_5M_Main Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.240	-58.03	-12.85	-70.88	-25.00	-45.88	peak	
2		163.375	-59.60	-11.15	-70.75	-25.00	-45.75	peak	
3		203.145	-55.25	-14.94	-70.19	-25.00	-45.19	peak	
4		253.100	-55.65	-12.96	-68.61	-25.00	-43.61	peak	
5	*	283.655	-55.46	-11.91	-67.37	-25.00	-42.37	peak	
6		438.855	-63.62	-7.93	-71.55	-25.00	-46.55	peak	

Test Mode	LTE Band 41_TX CH40640_20M_Main Antenna
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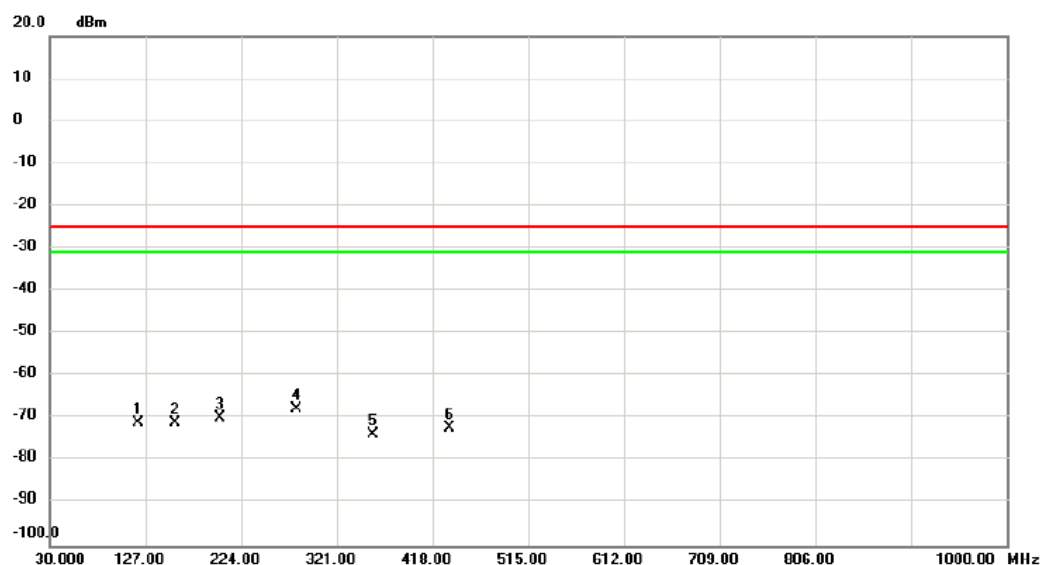
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		67.830	-53.85	-15.44	-69.29	-25.00	-44.29	peak	
2	*	86.260	-50.29	-16.50	-66.79	-25.00	-41.79	peak	
3		117.785	-57.85	-13.07	-70.92	-25.00	-45.92	peak	
4		157.070	-56.66	-11.05	-67.71	-25.00	-42.71	peak	
5		203.145	-53.35	-14.94	-68.29	-25.00	-43.29	peak	
6		269.105	-58.53	-12.60	-71.13	-25.00	-46.13	peak	

Test Mode	LTE Band 41_TX CH40640_20M_Main Antenna
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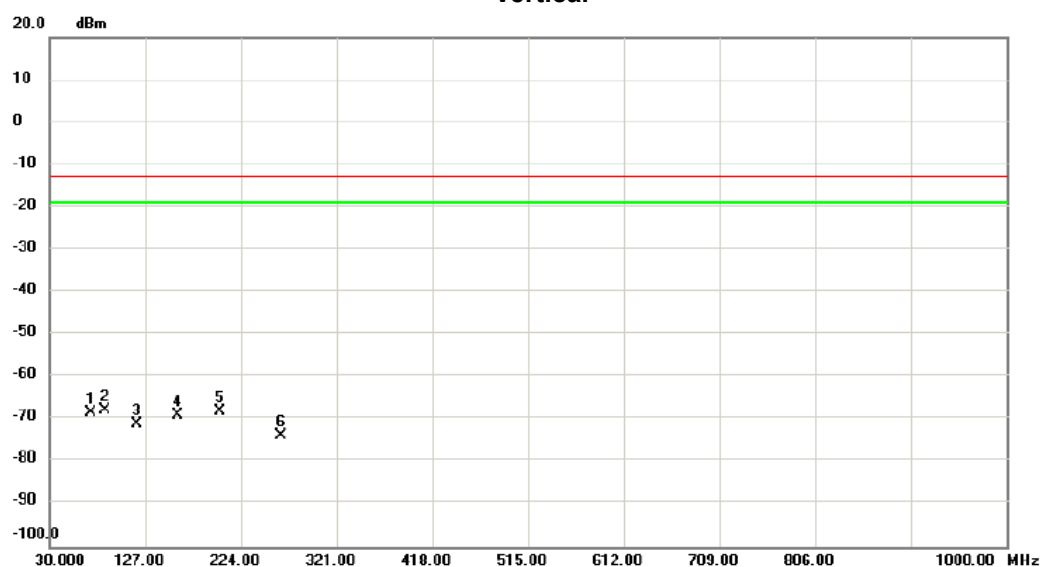
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-58.30	-12.78	-71.08	-25.00	-46.08	peak	
2		157.070	-60.02	-11.05	-71.07	-25.00	-46.07	peak	
3		203.145	-55.05	-14.94	-69.99	-25.00	-44.99	peak	
4	*	280.745	-55.71	-12.12	-67.83	-25.00	-42.83	peak	
5		358.345	-63.67	-10.01	-73.68	-25.00	-48.68	peak	
6		435.460	-64.13	-8.04	-72.17	-25.00	-47.17	peak	

Test Mode	LTE Band 66_TX CH132272_5M_Main Antenna
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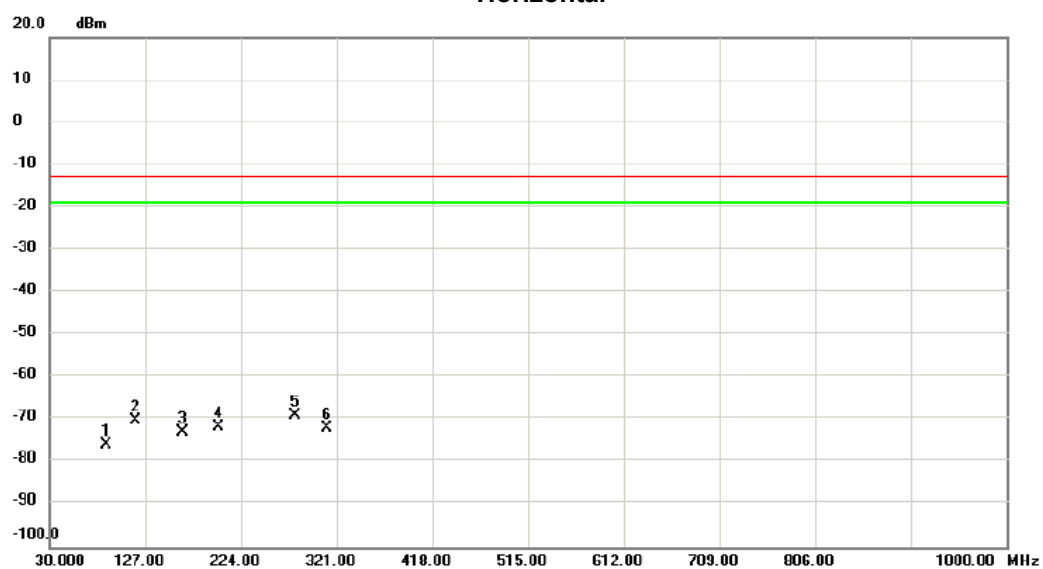
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		71.710	-52.17	-16.23	-68.40	-13.00	-55.40	peak	
2	*	86.745	-51.38	-16.39	-67.77	-13.00	-54.77	peak	
3		118.270	-58.05	-12.99	-71.04	-13.00	-58.04	peak	
4		159.980	-58.29	-10.67	-68.96	-13.00	-55.96	peak	
5		203.145	-53.08	-14.94	-68.02	-13.00	-55.02	peak	
6		265.225	-61.22	-12.44	-73.66	-13.00	-60.66	peak	

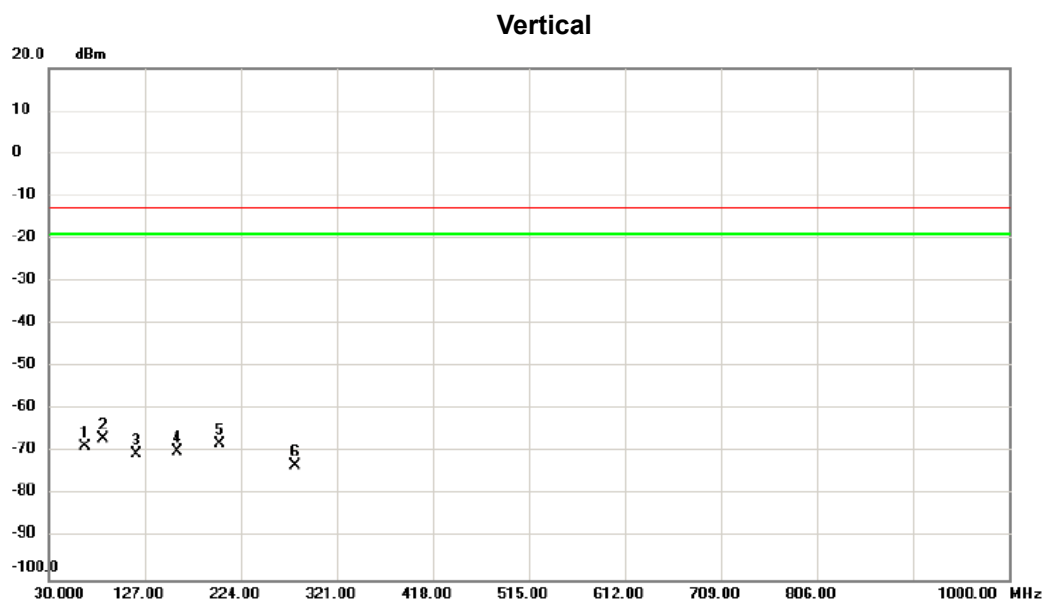
Test Mode	LTE Band 66_TX CH132272_5M_Main Antenna
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Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		87.230	-59.53	-16.29	-75.82	-13.00	-62.82	peak	
2		117.785	-57.19	-13.07	-70.26	-13.00	-57.26	peak	
3		165.315	-61.30	-11.42	-72.72	-13.00	-59.72	peak	
4		200.720	-56.72	-14.84	-71.56	-13.00	-58.56	peak	
5	*	279.290	-56.66	-12.19	-68.85	-13.00	-55.85	peak	
6		310.815	-61.12	-10.83	-71.95	-13.00	-58.95	peak	

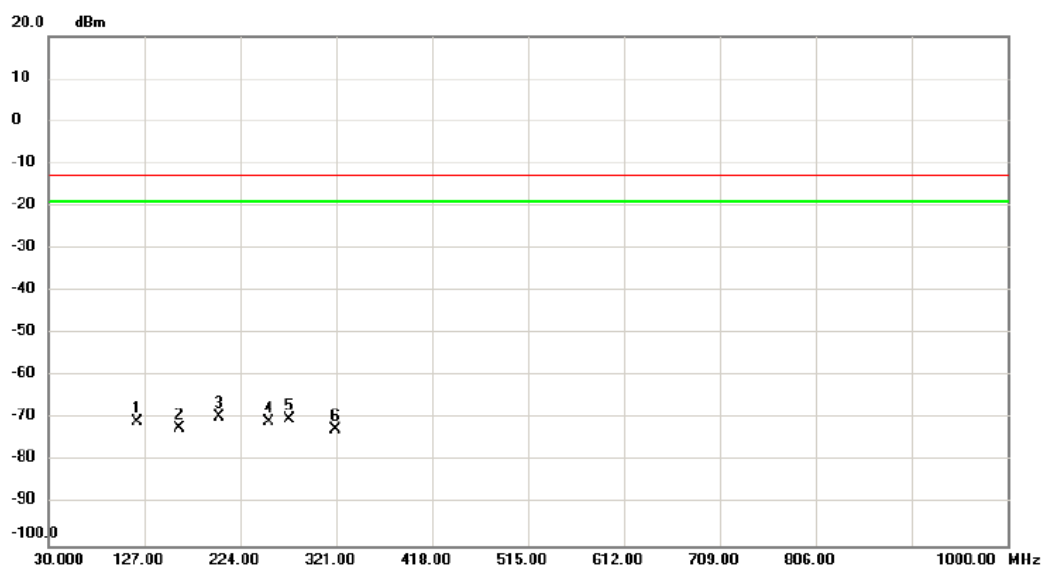
Test Mode	LTE Band 66_TX CH132272_20M_Main Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		66.375	-53.63	-15.15	-68.78	-13.00	-55.78	peak	
2	*	85.290	-50.29	-16.69	-66.98	-13.00	-53.98	peak	
3		118.270	-57.51	-12.99	-70.50	-13.00	-57.50	peak	
4		159.980	-59.25	-10.67	-69.92	-13.00	-56.92	peak	
5		202.660	-53.25	-14.92	-68.17	-13.00	-55.17	peak	
6		279.290	-61.07	-12.19	-73.26	-13.00	-60.26	peak	

Test Mode	LTE Band 66_TX CH132272_20M_Main Antenna
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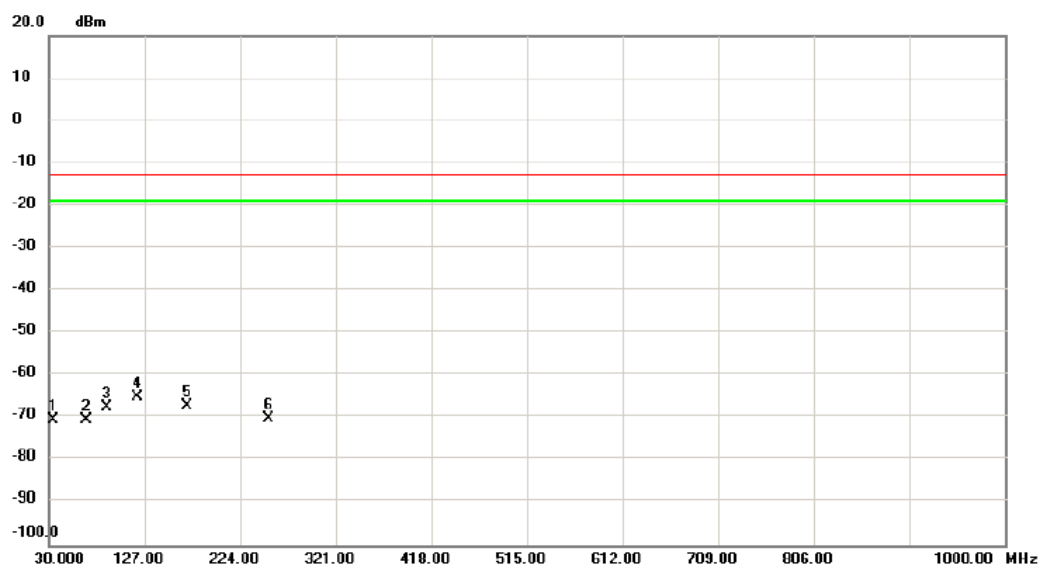
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.240	-57.94	-12.85	-70.79	-13.00	-57.79	peak	
2		162.405	-61.35	-11.01	-72.36	-13.00	-59.36	peak	
3	*	202.660	-54.55	-14.92	-69.47	-13.00	-56.47	peak	
4		252.615	-57.80	-13.02	-70.82	-13.00	-57.82	peak	
5		273.955	-57.85	-12.45	-70.30	-13.00	-57.30	peak	
6		320.030	-61.75	-10.68	-72.43	-13.00	-59.43	peak	

Test Mode	LTE Band 4_TX CH20175_1.4M_Second Antenna
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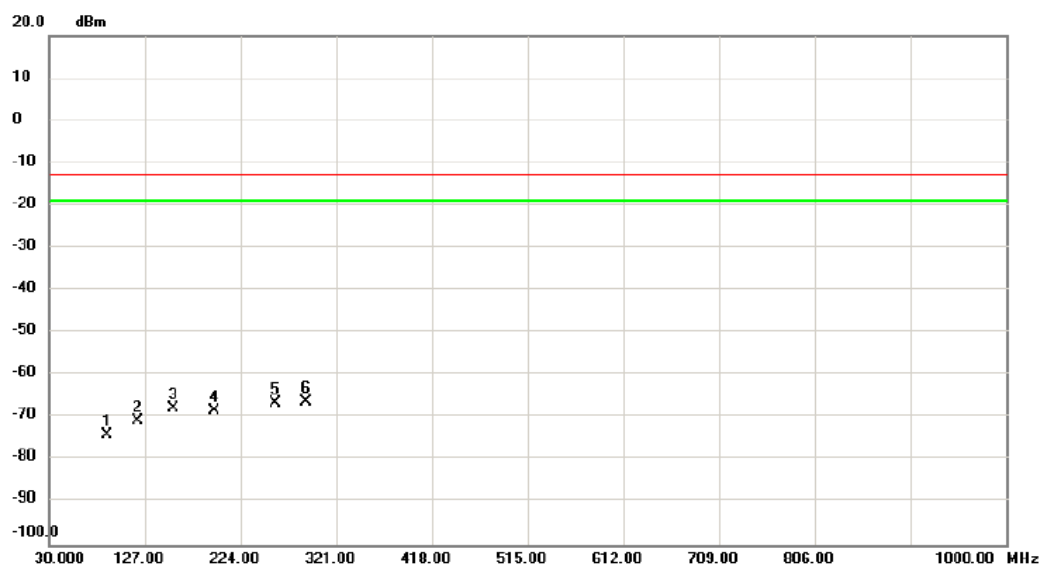
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		33.880	-55.79	-14.80	-70.59	-13.00	-57.59	peak	
2		67.830	-55.12	-15.44	-70.56	-13.00	-57.56	peak	
3		89.170	-51.56	-15.90	-67.46	-13.00	-54.46	peak	
4	*	120.210	-52.30	-12.74	-65.04	-13.00	-52.04	peak	
5		170.650	-55.14	-12.12	-67.26	-13.00	-54.26	peak	
6		252.615	-57.08	-13.02	-70.10	-13.00	-57.10	peak	

Test Mode	LTE Band 4_TX CH20175_1.4M_Second Antenna
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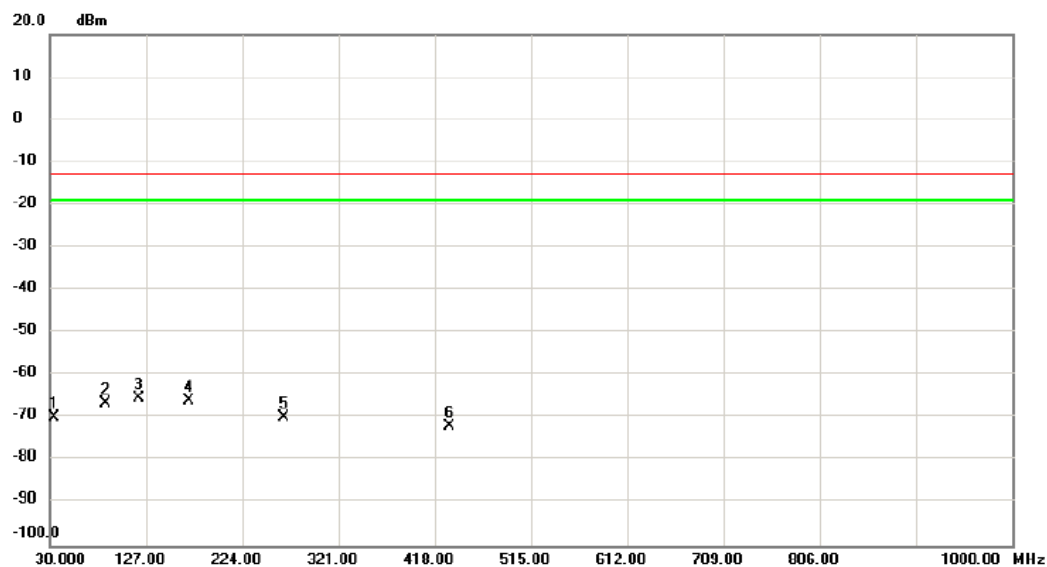
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		88.685	-58.02	-15.99	-74.01	-13.00	-61.01	peak	
2		119.725	-58.08	-12.78	-70.86	-13.00	-57.86	peak	
3		156.100	-56.56	-11.18	-67.74	-13.00	-54.74	peak	
4		197.810	-53.74	-14.64	-68.38	-13.00	-55.38	peak	
5		259.890	-54.33	-12.23	-66.56	-13.00	-53.56	peak	
6	*	290.445	-54.75	-11.46	-66.21	-13.00	-53.21	peak	

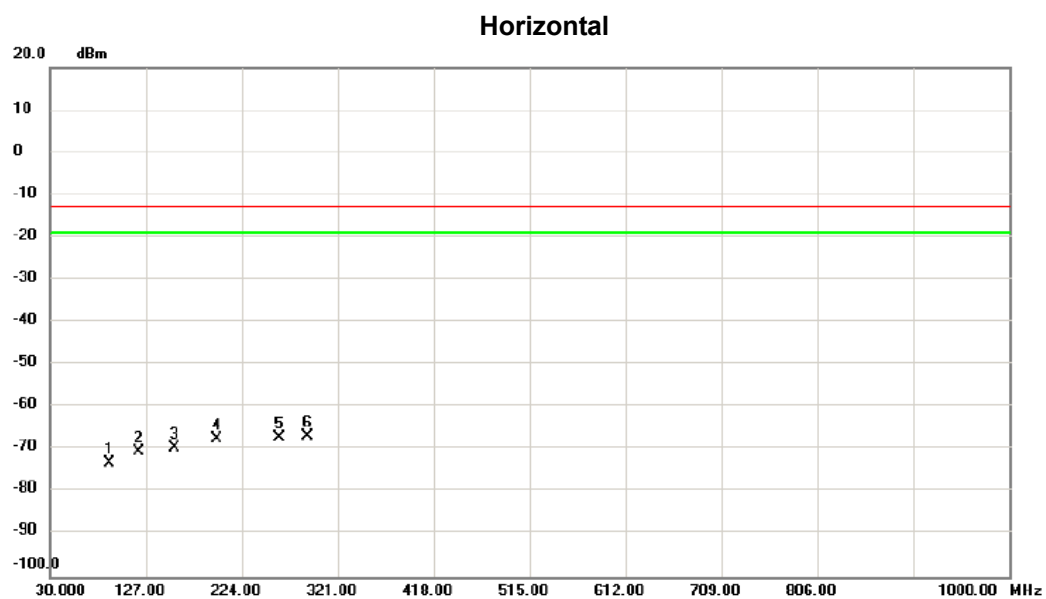
Test Mode	LTE Band 4_TX CH20175_5M_Second Antenna
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Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		33.880	-55.08	-14.80	-69.88	-13.00	-56.88	peak	
2		86.260	-49.98	-16.50	-66.48	-13.00	-53.48	peak	
3	*	119.725	-52.68	-12.78	-65.46	-13.00	-52.46	peak	
4		170.165	-53.99	-12.09	-66.08	-13.00	-53.08	peak	
5		266.195	-57.30	-12.48	-69.78	-13.00	-56.78	peak	
6		432.550	-63.75	-8.12	-71.87	-13.00	-58.87	peak	

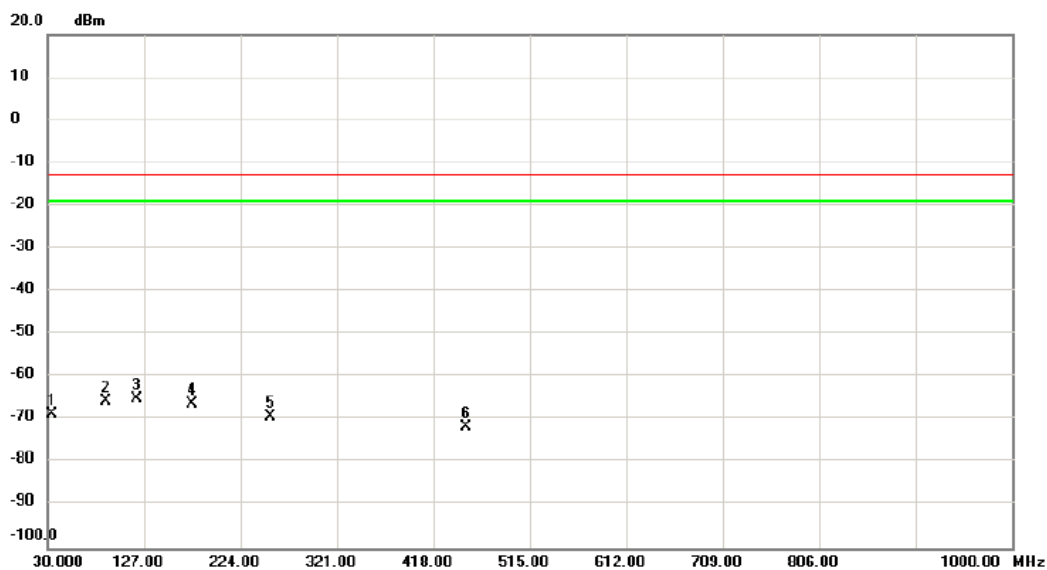
Test Mode	LTE Band 4_TX CH20175_5M_Second Antenna
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No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	89.655	-57.26	-15.79	-73.05	-13.00	-60.05	peak	
2	120.210	-57.76	-12.74	-70.50	-13.00	-57.50	peak	
3	155.615	-58.35	-11.24	-69.59	-13.00	-56.59	peak	
4	199.265	-52.63	-14.75	-67.38	-13.00	-54.38	peak	
5	261.830	-54.94	-12.30	-67.24	-13.00	-54.24	peak	
6 *	290.445	-55.38	-11.46	-66.84	-13.00	-53.84	peak	

Test Mode	LTE Band 4_TX CH20175_20M_Second Antenna
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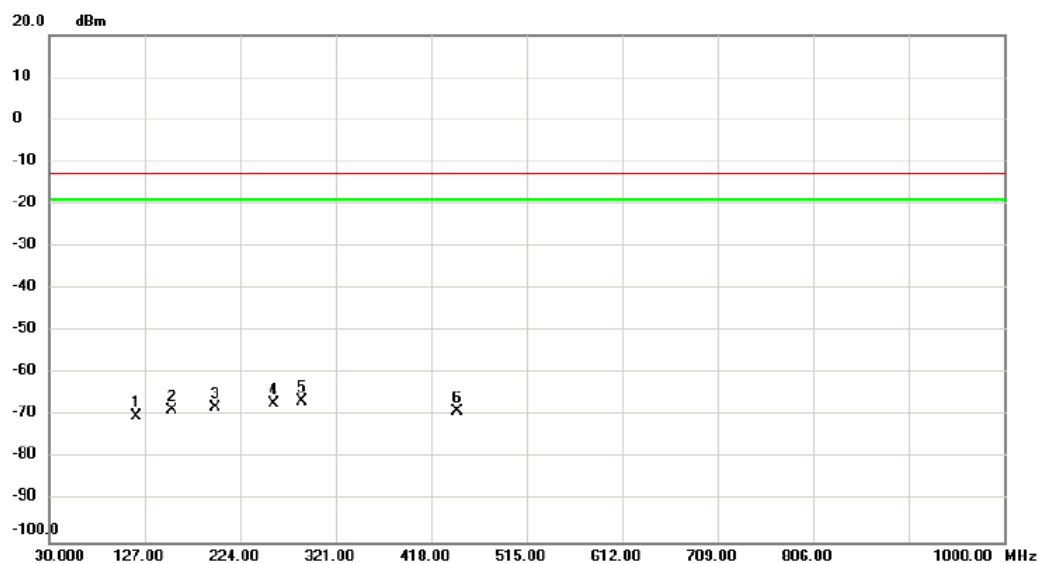
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1		33.880	-53.95	-14.80	-68.75	-13.00	-55.75	peak	
2		88.685	-49.66	-15.99	-65.65	-13.00	-52.65	peak	
3	*	119.240	-52.24	-12.85	-65.09	-13.00	-52.09	peak	
4		175.500	-53.83	-12.47	-66.30	-13.00	-53.30	peak	
5		254.070	-56.39	-12.86	-69.25	-13.00	-56.25	peak	
6		450.980	-64.07	-7.63	-71.70	-13.00	-58.70	peak	

Test Mode	LTE Band 4_TX CH20175_20M_Second Antenna
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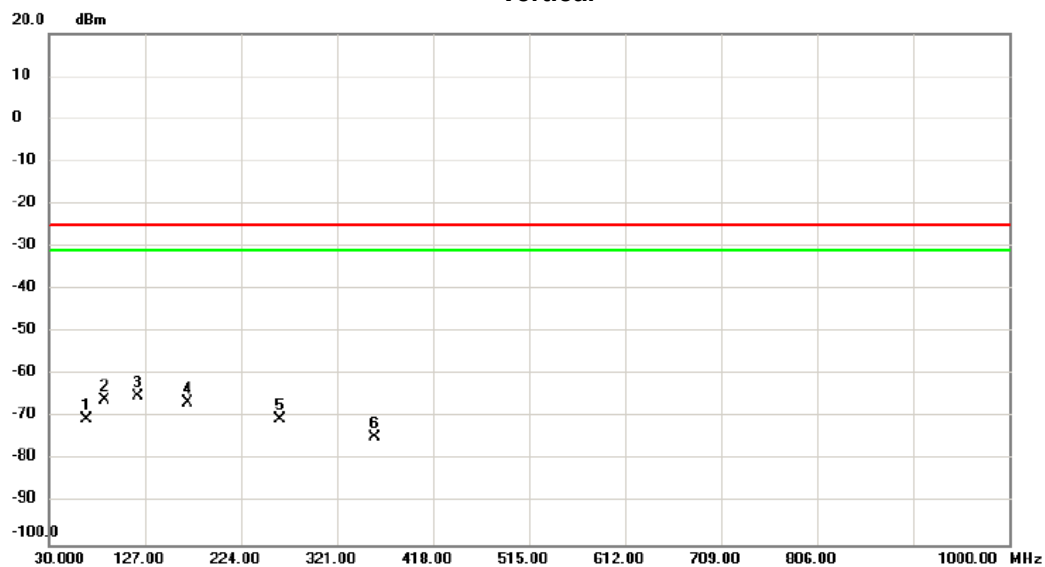
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		118.755	-57.37	-12.92	-70.29	-13.00	-57.29	peak	
2		154.160	-57.23	-11.42	-68.65	-13.00	-55.65	peak	
3		198.780	-53.40	-14.72	-68.12	-13.00	-55.12	peak	
4		258.435	-54.83	-12.40	-67.23	-13.00	-54.23	peak	
5	*	286.565	-54.94	-11.72	-66.66	-13.00	-53.66	peak	
6		444.675	-61.08	-7.78	-68.86	-13.00	-55.86	peak	

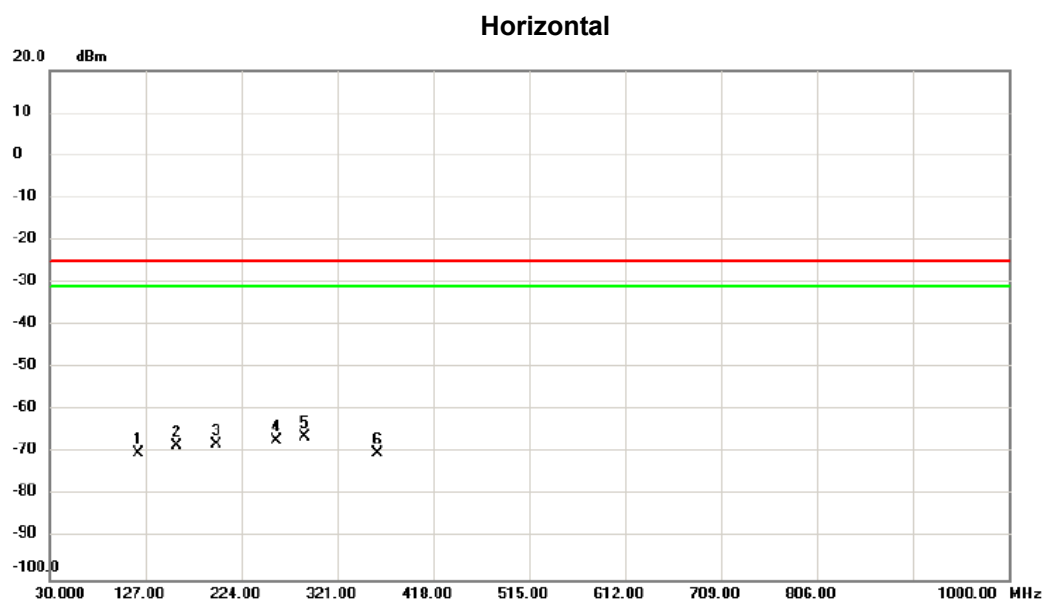
Test Mode	LTE Band 7_TX CH21100_5M_Second Antenna
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Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		67.830	-54.95	-15.44	-70.39	-25.00	-45.39	peak	
2		86.260	-49.54	-16.50	-66.04	-25.00	-41.04	peak	
3	*	120.210	-52.42	-12.74	-65.16	-25.00	-40.16	peak	
4		169.680	-54.59	-12.03	-66.62	-25.00	-41.62	peak	
5		263.285	-58.19	-12.35	-70.54	-25.00	-45.54	peak	
6		359.315	-64.61	-9.98	-74.59	-25.00	-49.59	peak	

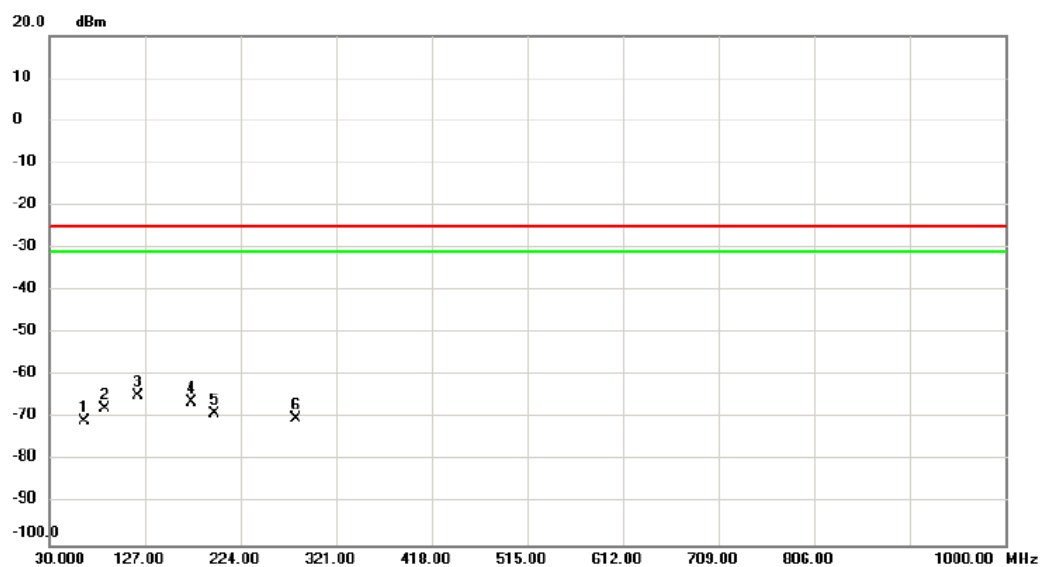
Test Mode	LTE Band 7_TX CH21100_5M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		119.725	-57.50	-12.78	-70.28	-25.00	-45.28	peak	
2		158.040	-57.30	-10.93	-68.23	-25.00	-43.23	peak	
3		198.295	-53.36	-14.68	-68.04	-25.00	-43.04	peak	
4		259.405	-54.86	-12.28	-67.14	-25.00	-42.14	peak	
5	*	288.505	-54.76	-11.59	-66.35	-25.00	-41.35	peak	
6		361.740	-60.30	-9.92	-70.22	-25.00	-45.22	peak	

Test Mode	LTE Band 7_TX CH21100_20M_Second Antenna
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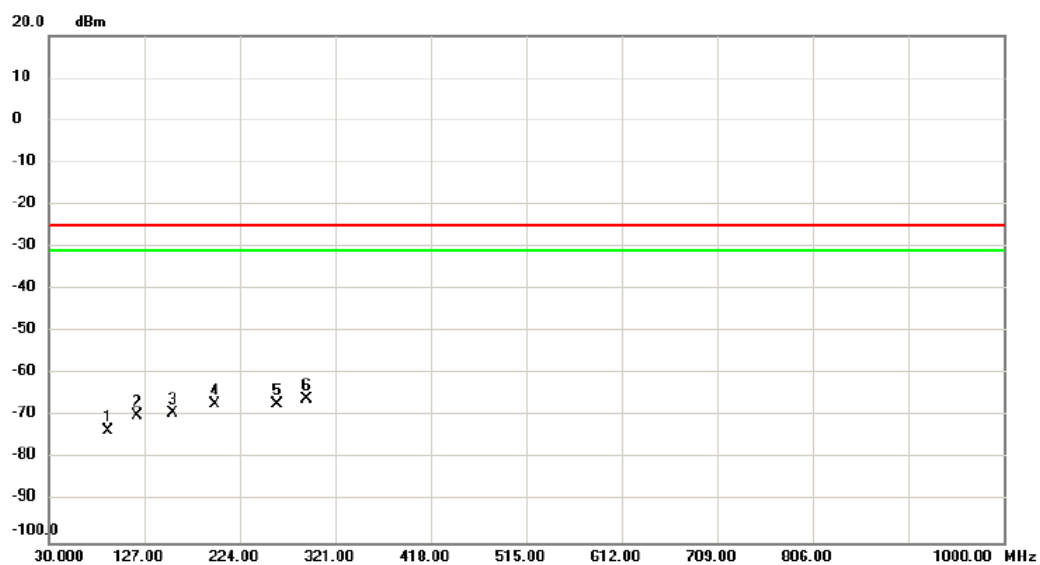
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		65.890	-55.66	-15.05	-70.71	-25.00	-45.71	peak	
2		86.260	-51.11	-16.50	-67.61	-25.00	-42.61	peak	
3	*	119.725	-52.02	-12.78	-64.80	-25.00	-39.80	peak	
4		174.045	-53.75	-12.36	-66.11	-25.00	-41.11	peak	
5		197.810	-54.29	-14.64	-68.93	-25.00	-43.93	peak	
6		280.260	-58.04	-12.14	-70.18	-25.00	-45.18	peak	

Test Mode	LTE Band 7_TX CH21100_20M_Second Antenna
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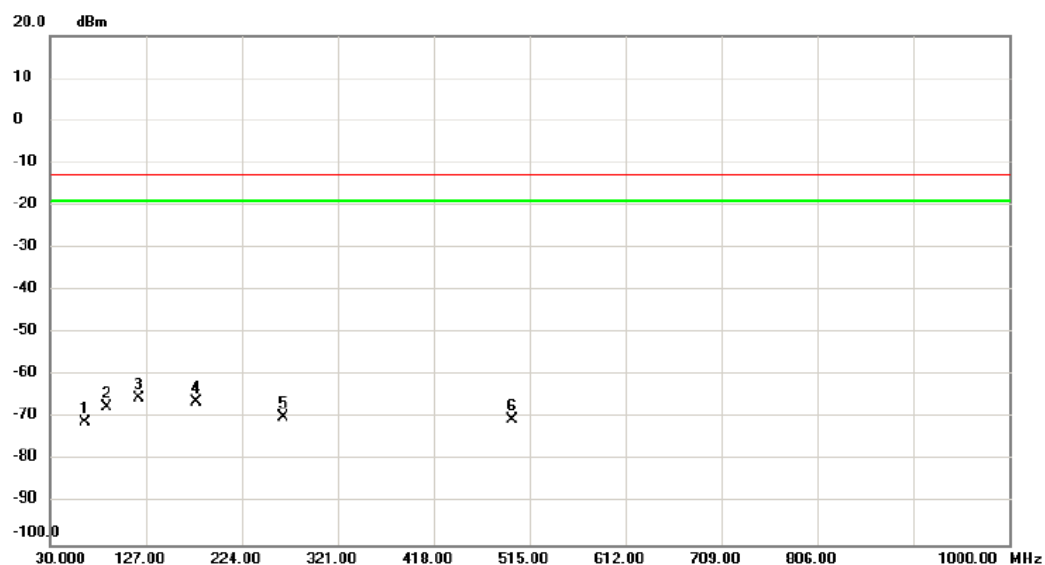
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		90.625	-57.73	-15.67	-73.40	-25.00	-48.40	peak	
2		119.725	-56.97	-12.78	-69.75	-25.00	-44.75	peak	
3		155.615	-57.90	-11.24	-69.14	-25.00	-44.14	peak	
4		198.295	-52.55	-14.68	-67.23	-25.00	-42.23	peak	
5		261.830	-54.85	-12.30	-67.15	-25.00	-42.15	peak	
6	*	292.385	-54.50	-11.36	-65.86	-25.00	-40.86	peak	

Test Mode	LTE Band 12_TX CH23095_1.4M_Second Antenna
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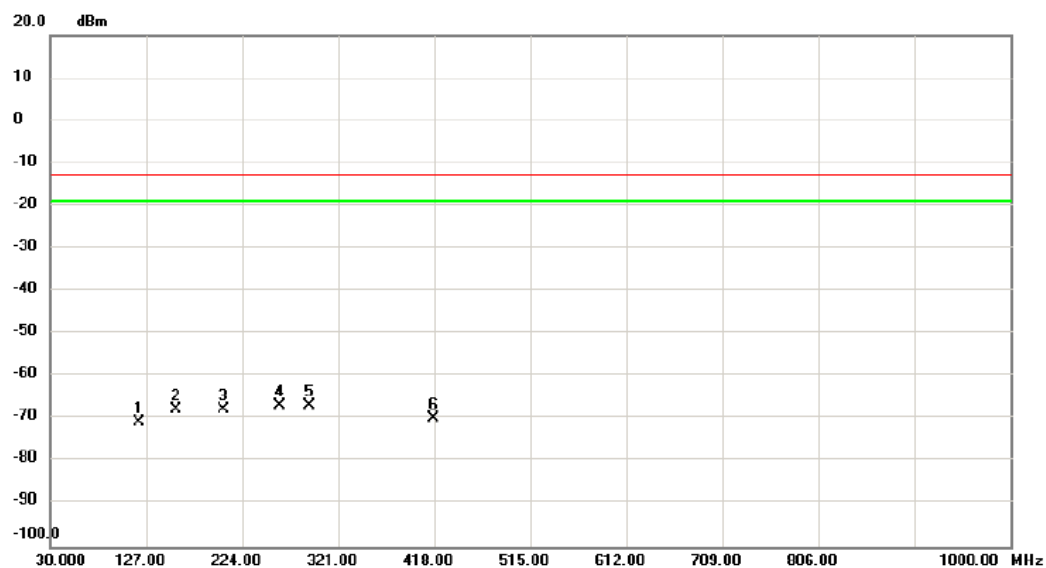
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		65.890	-55.94	-15.05	-70.99	-13.00	-57.99	peak	
2		87.715	-51.19	-16.20	-67.39	-13.00	-54.39	peak	
3	*	120.210	-52.56	-12.74	-65.30	-13.00	-52.30	peak	
4		177.440	-53.77	-12.61	-66.38	-13.00	-53.38	peak	
5		265.710	-57.26	-12.46	-69.72	-13.00	-56.72	peak	
6		498.025	-63.28	-7.28	-70.56	-13.00	-57.56	peak	

Test Mode	LTE Band 12_TX CH23095_1.4M_Second Antenna
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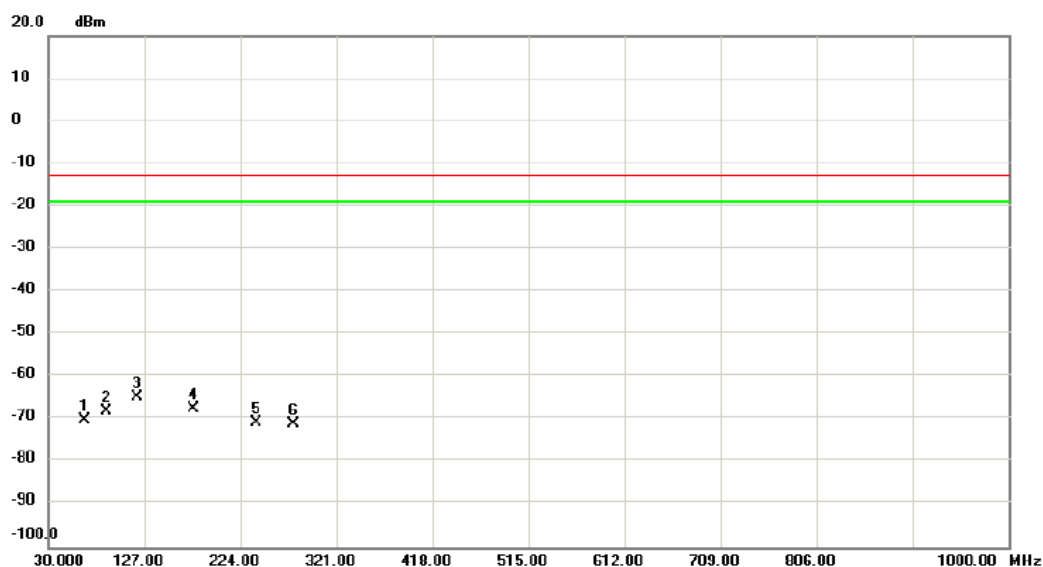
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		120.210	-57.95	-12.74	-70.69	-13.00	-57.69	peak	
2		157.070	-56.61	-11.05	-67.66	-13.00	-54.66	peak	
3		205.085	-52.68	-15.01	-67.69	-13.00	-54.69	peak	
4		261.830	-54.63	-12.30	-66.93	-13.00	-53.93	peak	
5	*	292.385	-55.34	-11.36	-66.70	-13.00	-53.70	peak	
6		417.515	-61.42	-8.53	-69.95	-13.00	-56.95	peak	

Test Mode	LTE Band 12_TX CH23095_5M_Second Antenna
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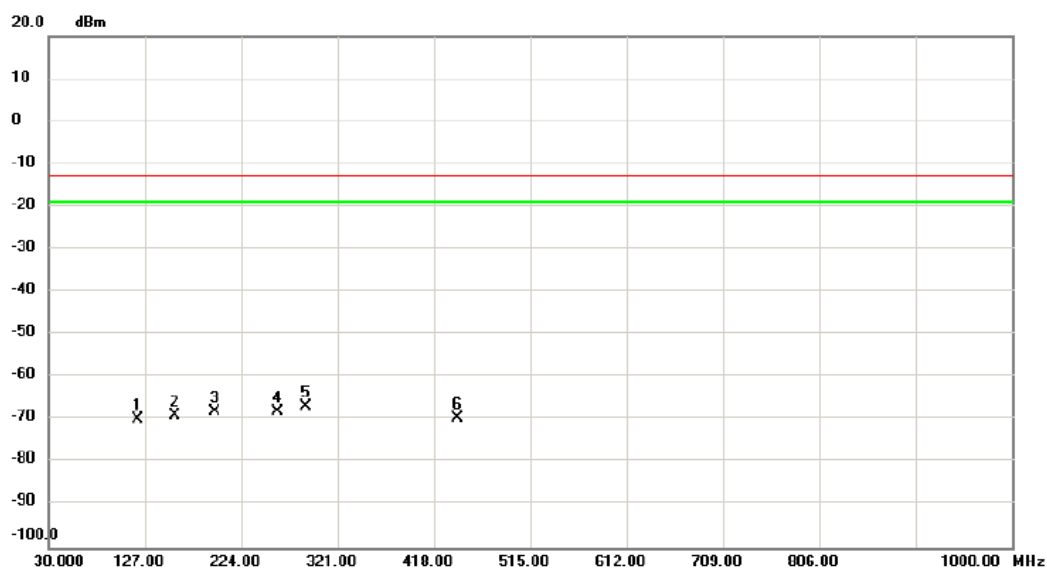
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		66.375	-55.08	-15.15	-70.23	-13.00	-57.23	peak	
2		88.685	-51.93	-15.99	-67.92	-13.00	-54.92	peak	
3	*	119.725	-52.11	-12.78	-64.89	-13.00	-51.89	peak	
4		176.955	-54.94	-12.58	-67.52	-13.00	-54.52	peak	
5		240.005	-57.14	-13.58	-70.72	-13.00	-57.72	peak	
6		277.350	-58.61	-12.29	-70.90	-13.00	-57.90	peak	

Test Mode	LTE Band 12_TX CH23095_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	-57.04	-12.78	-69.82	-13.00	-56.82	peak	
2		157.070	-57.80	-11.05	-68.85	-13.00	-55.85	peak	
3		197.325	-53.50	-14.62	-68.12	-13.00	-55.12	peak	
4		260.860	-55.69	-12.26	-67.95	-13.00	-54.95	peak	
5	*	289.475	-55.21	-11.51	-66.72	-13.00	-53.72	peak	
6		441.280	-61.61	-7.87	-69.48	-13.00	-56.48	peak	