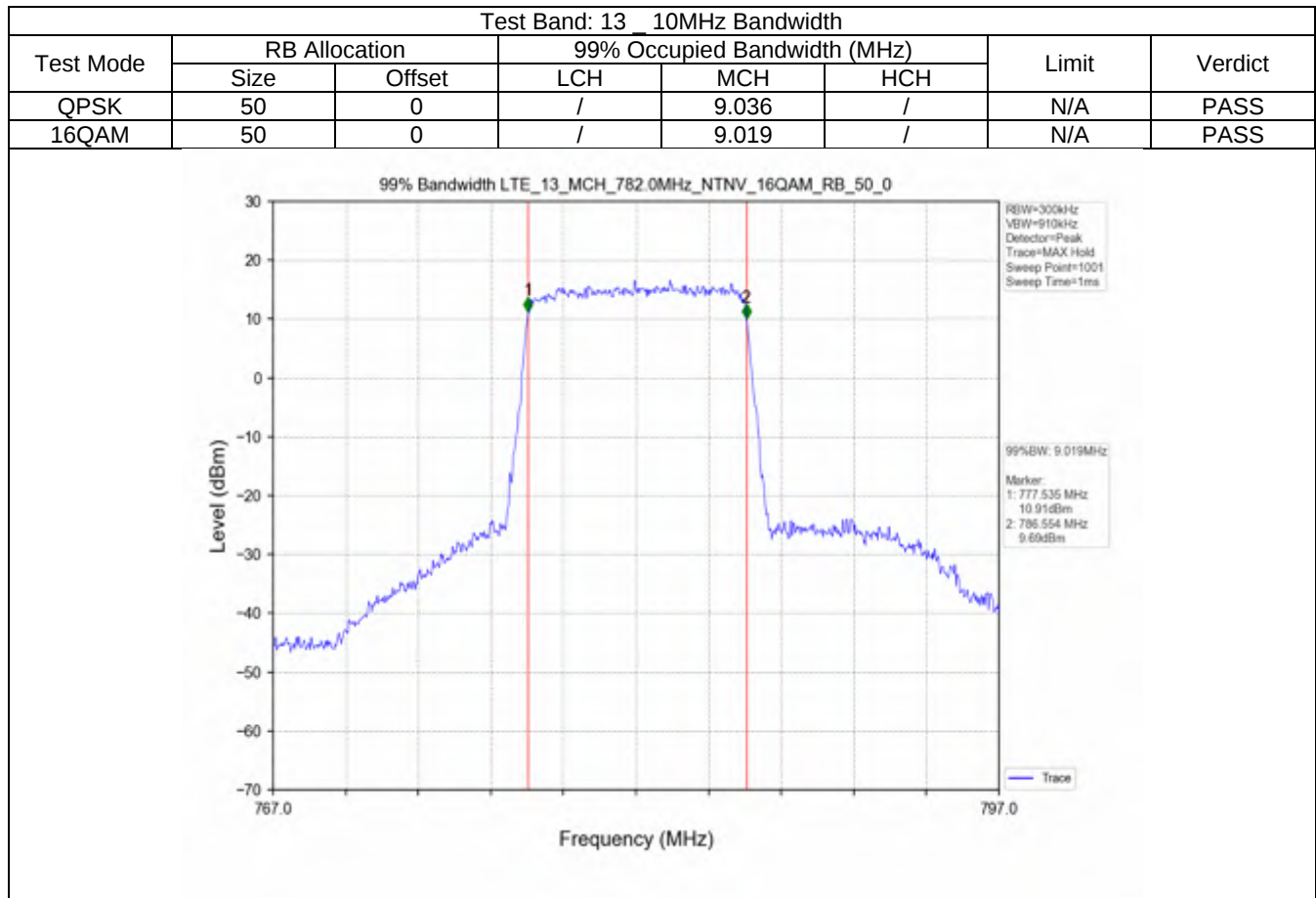
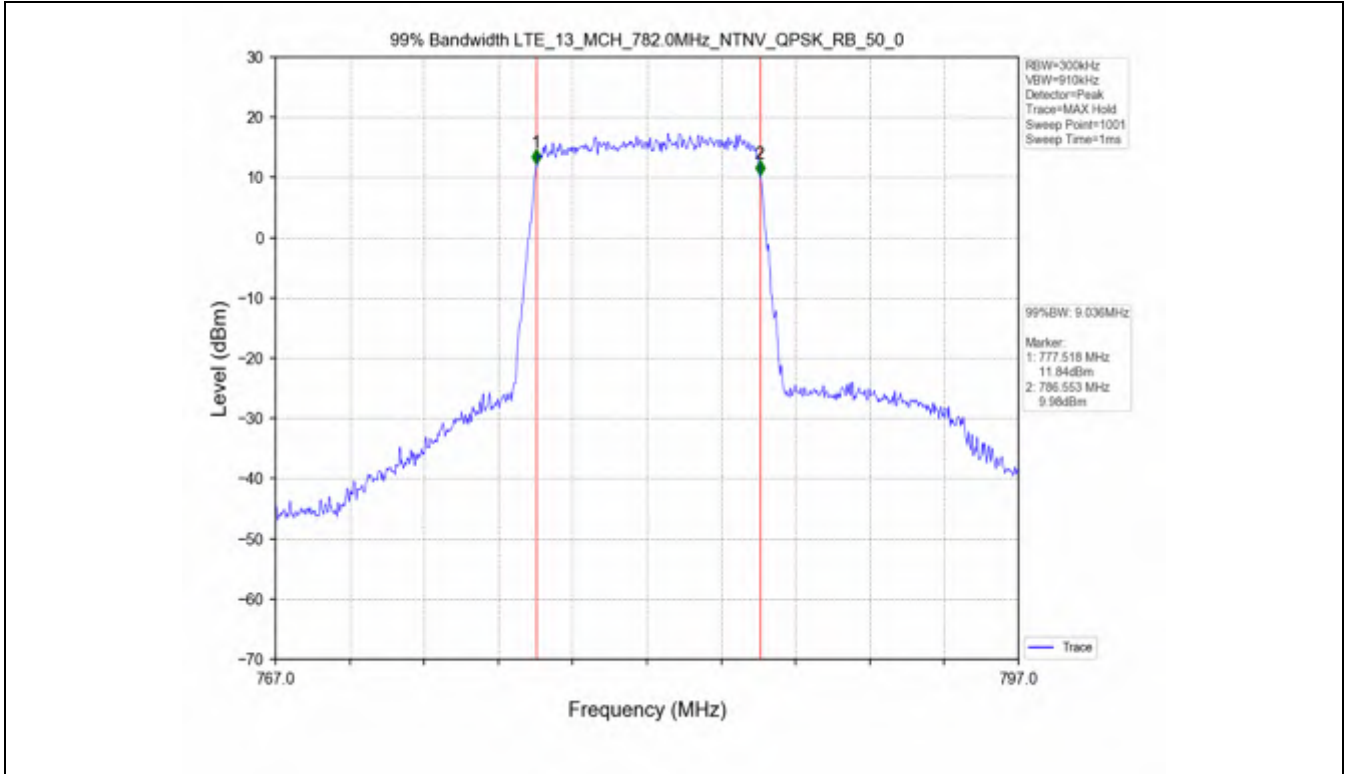




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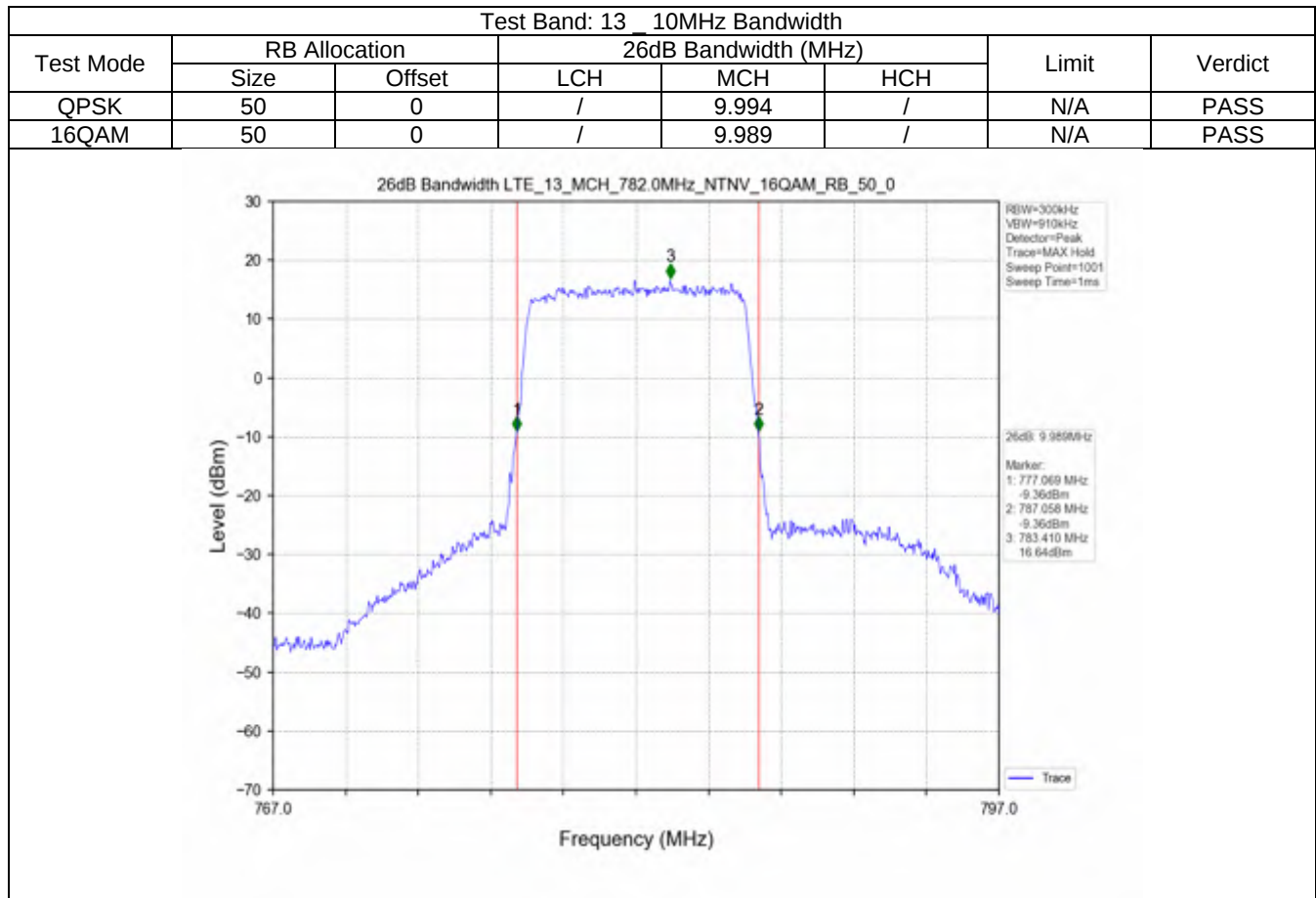
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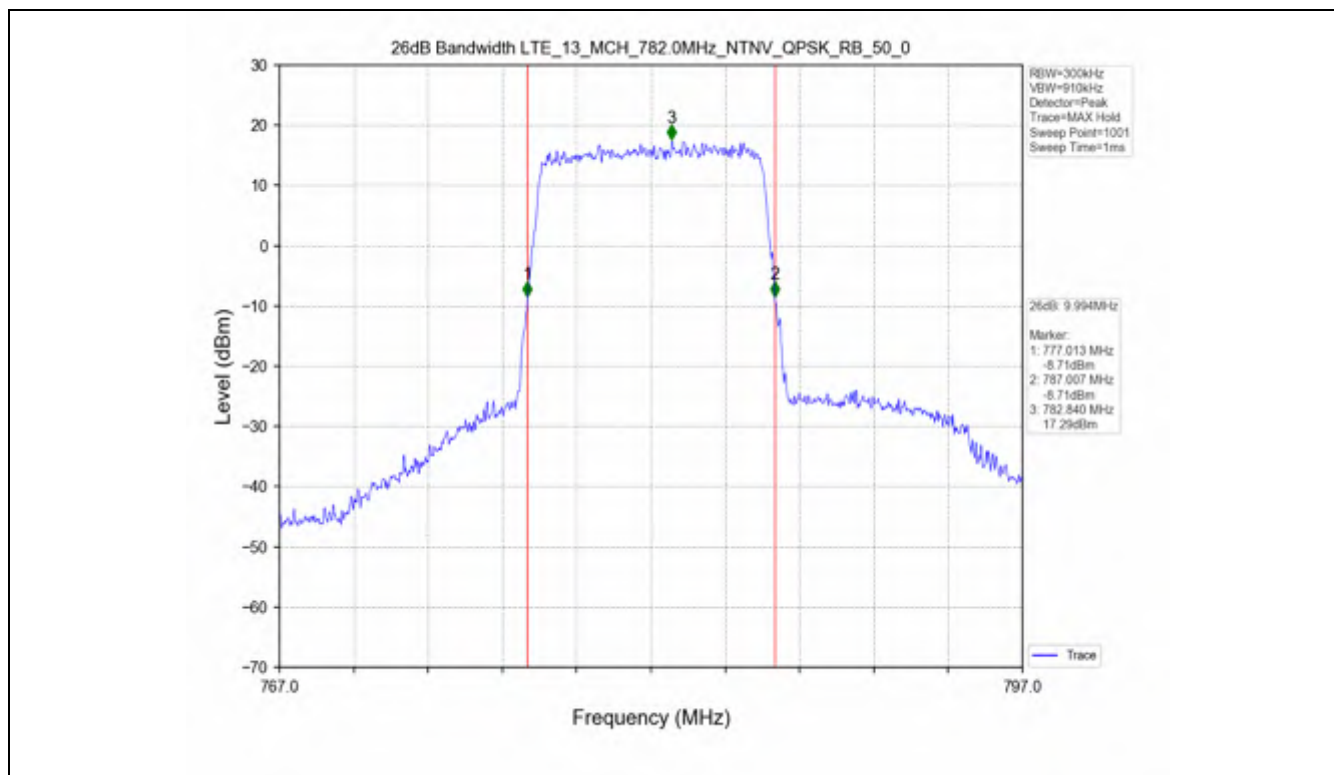
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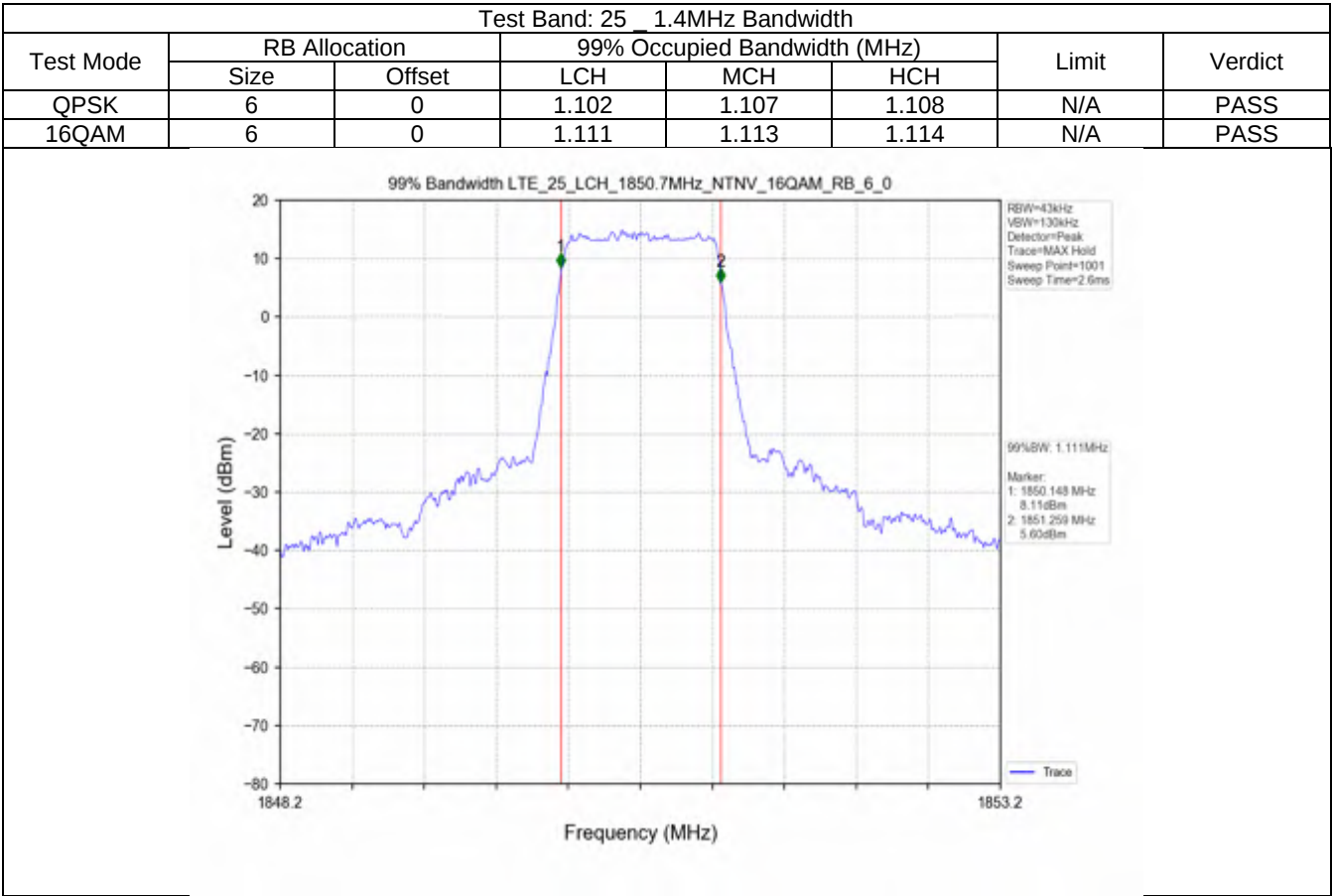
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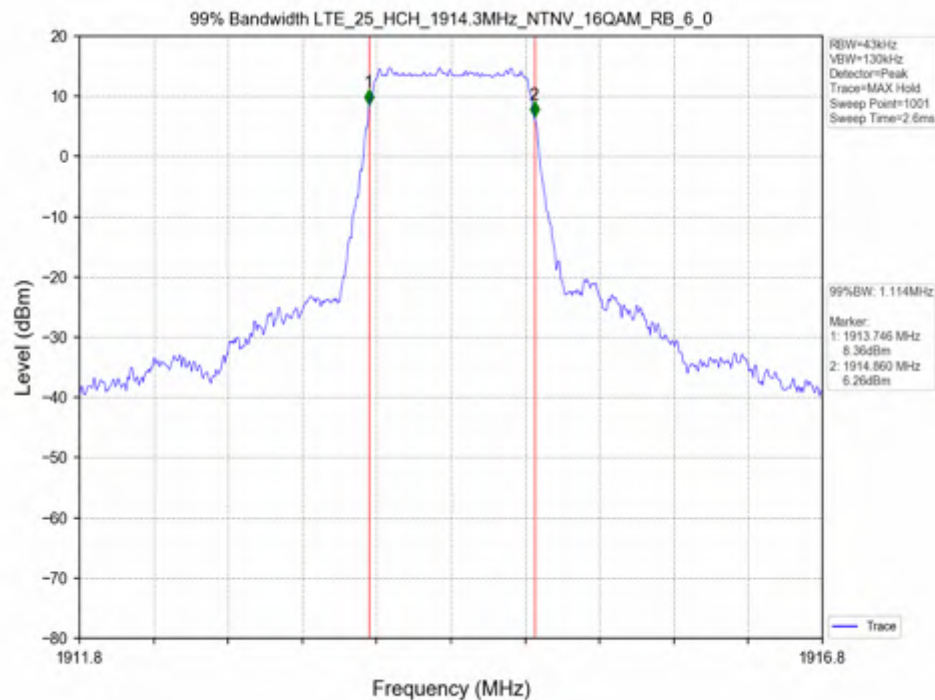
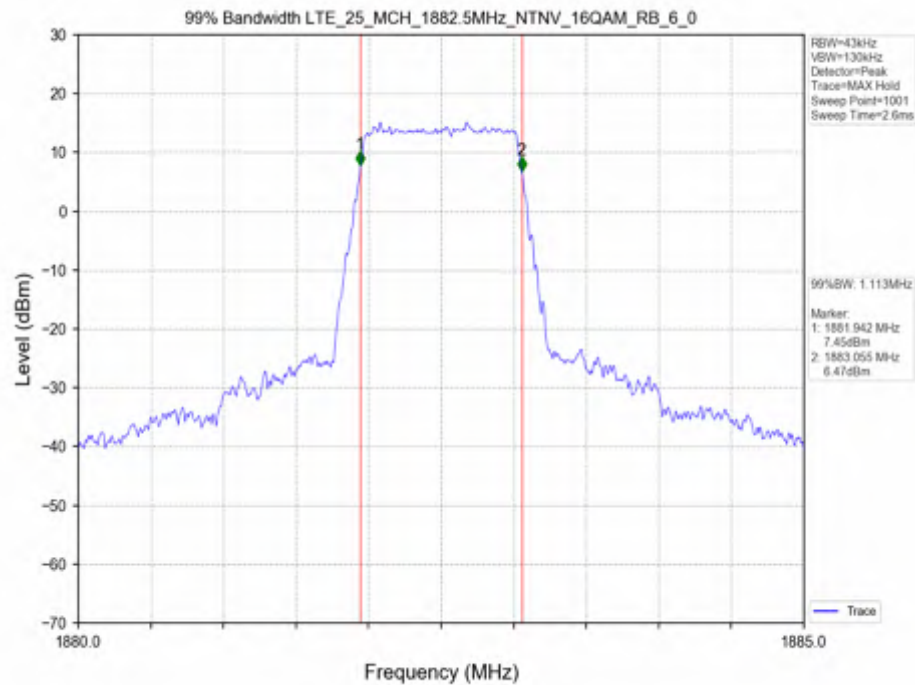


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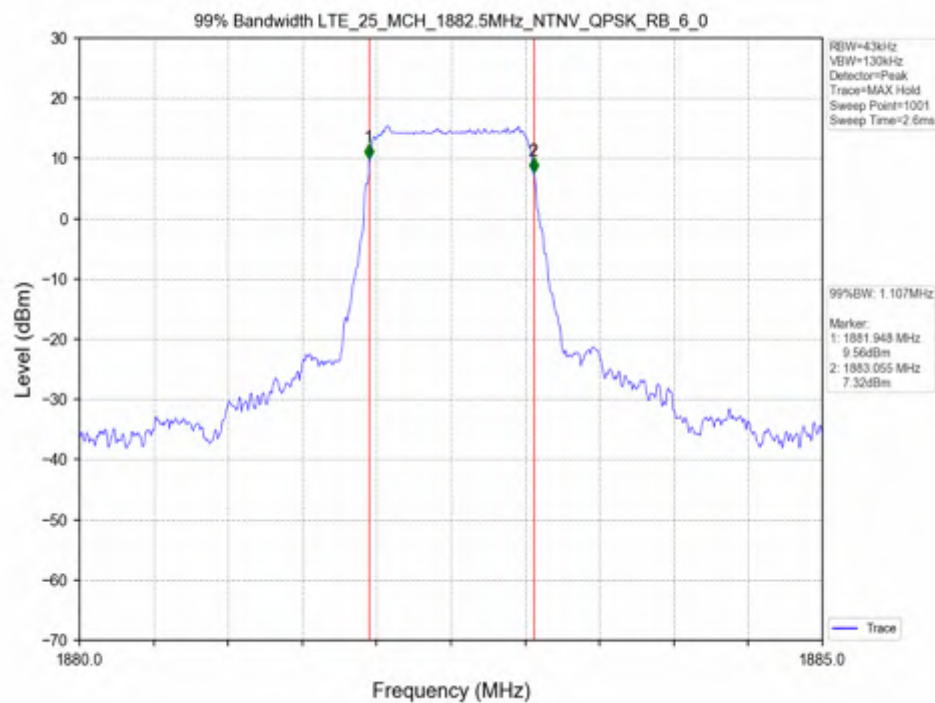
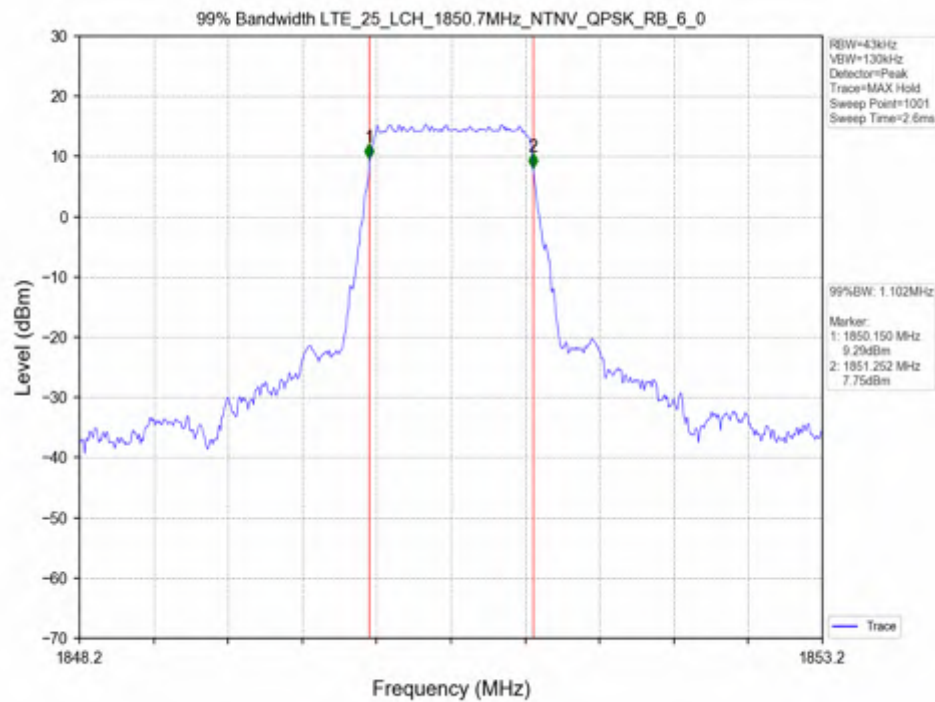
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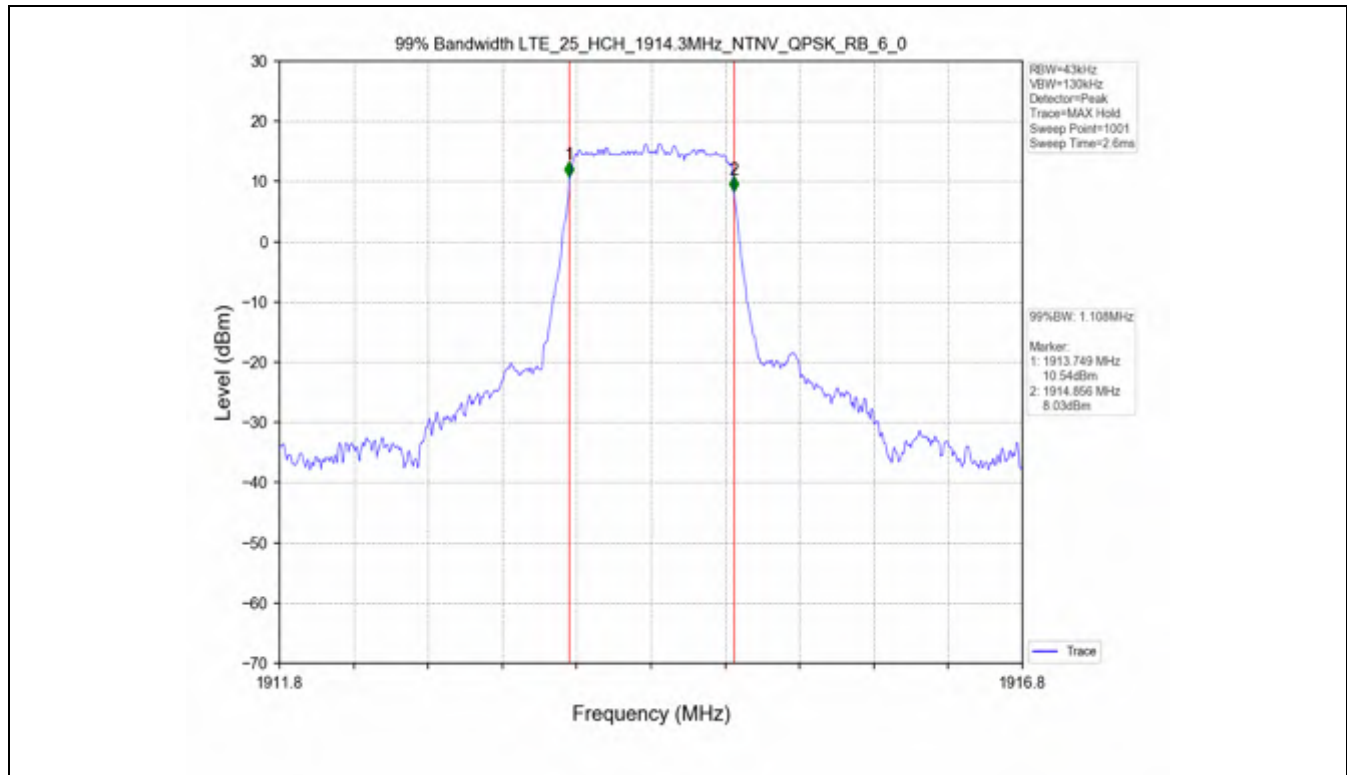


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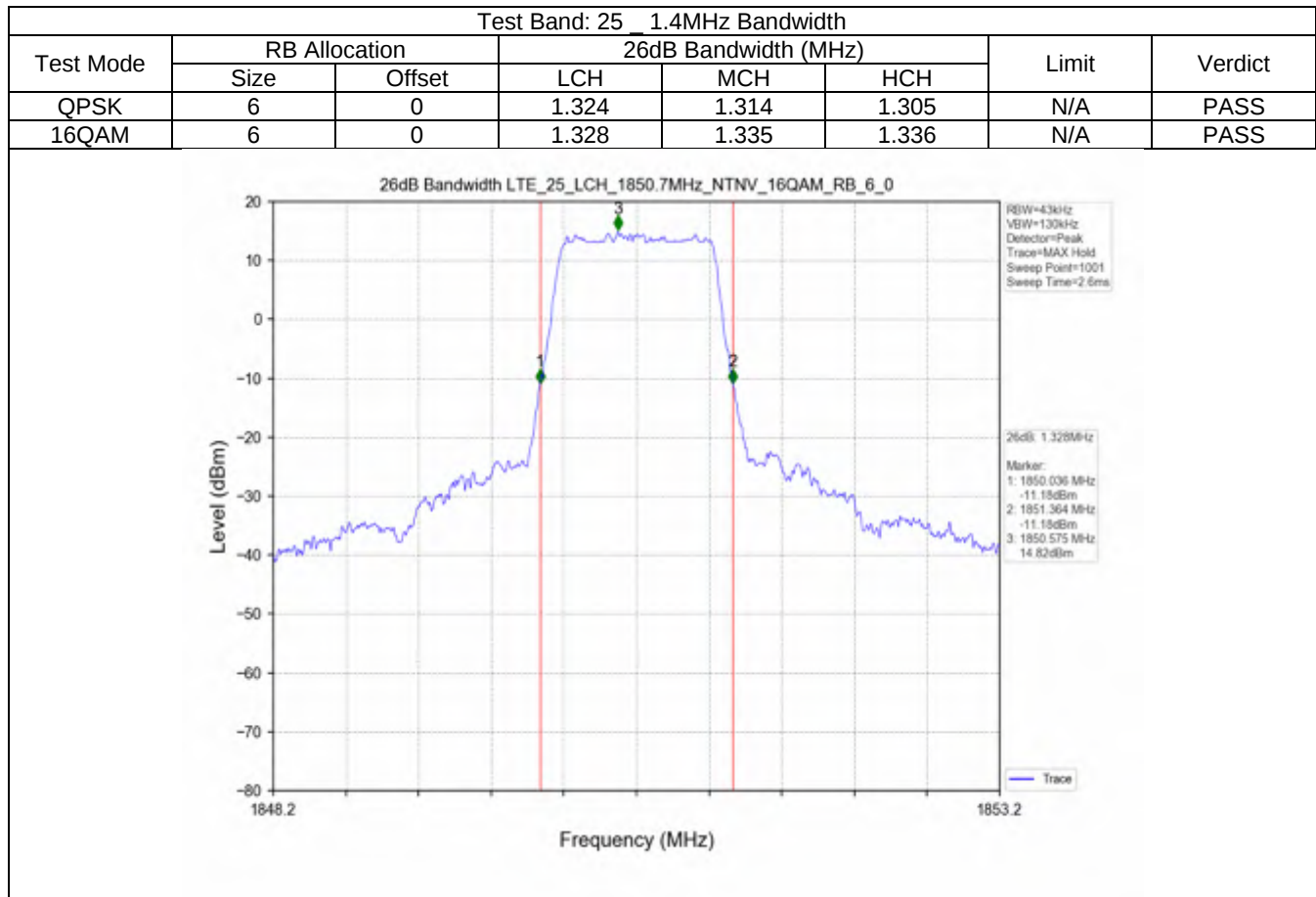
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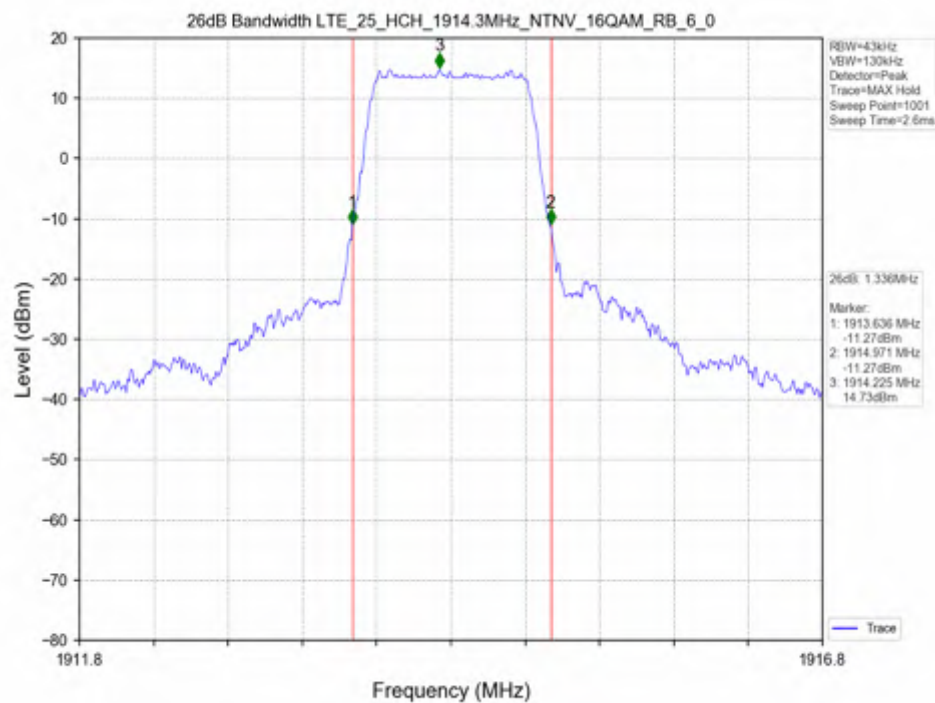
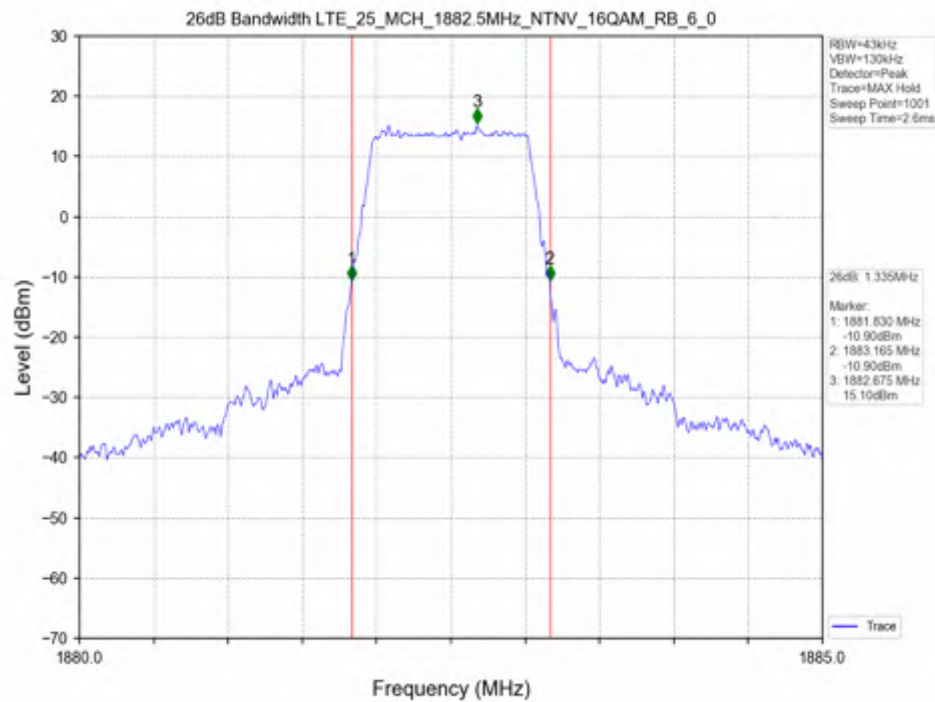


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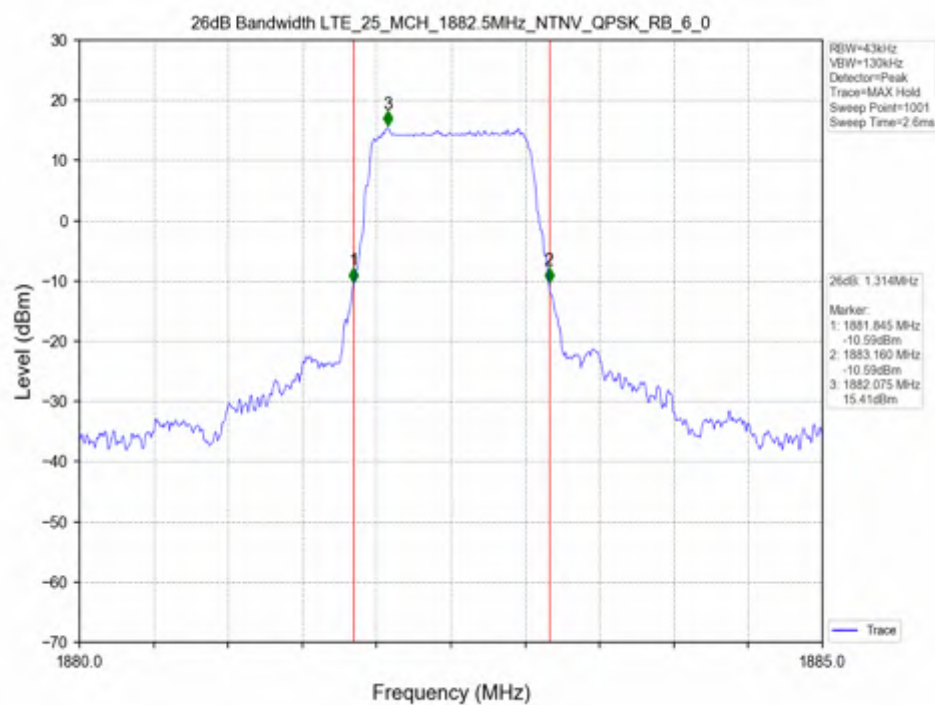
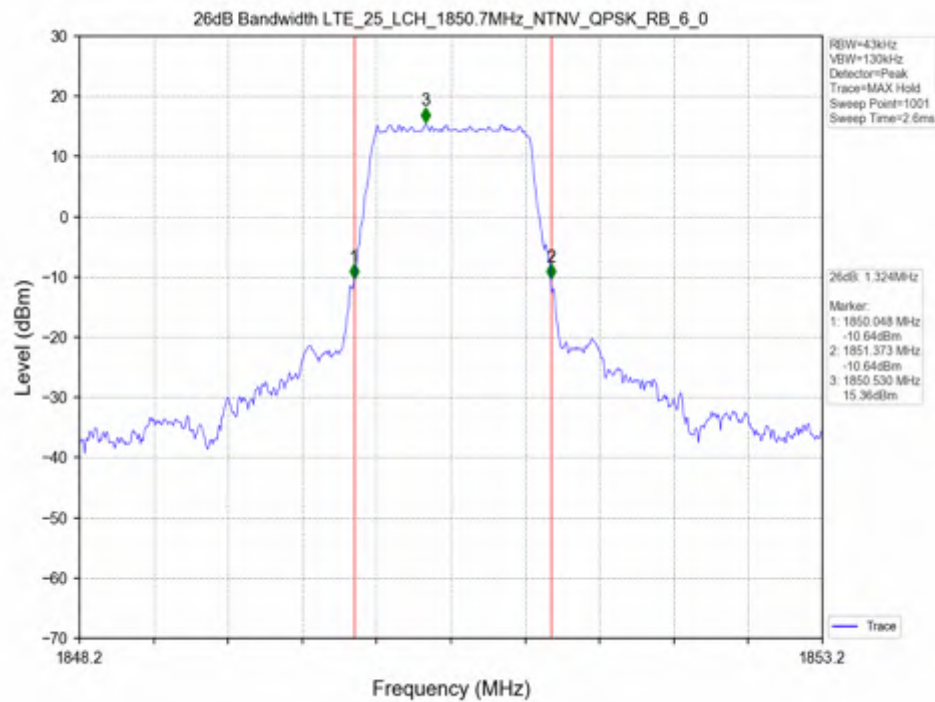


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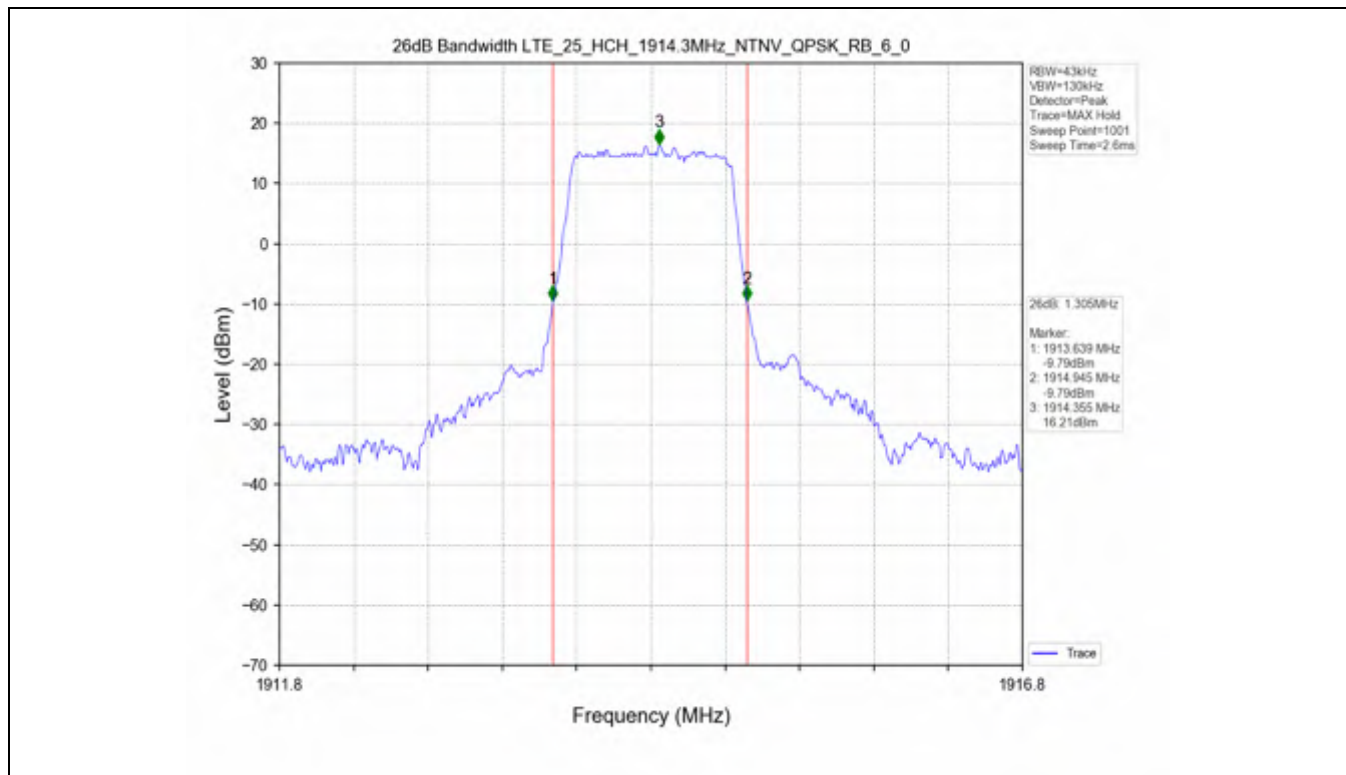


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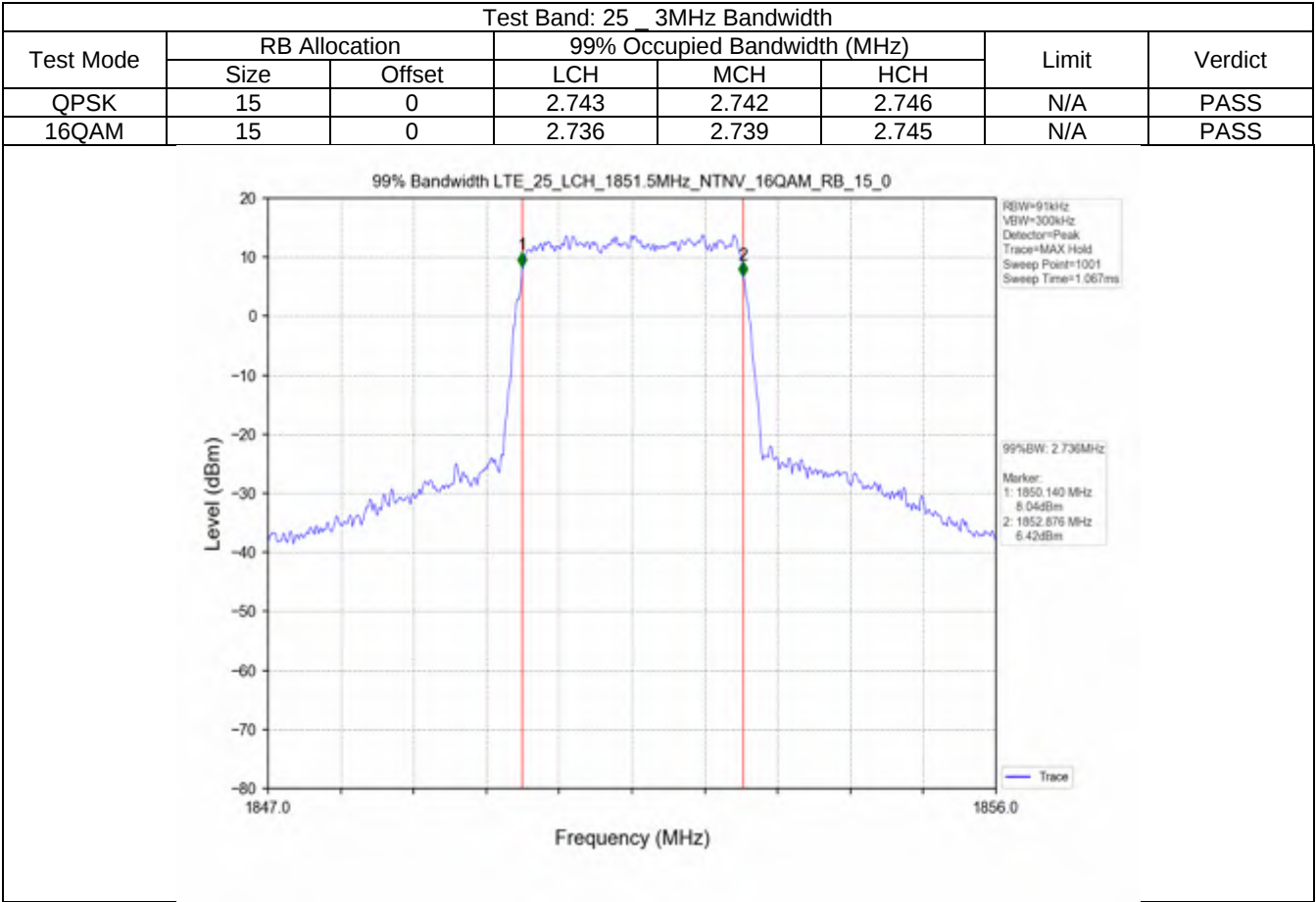
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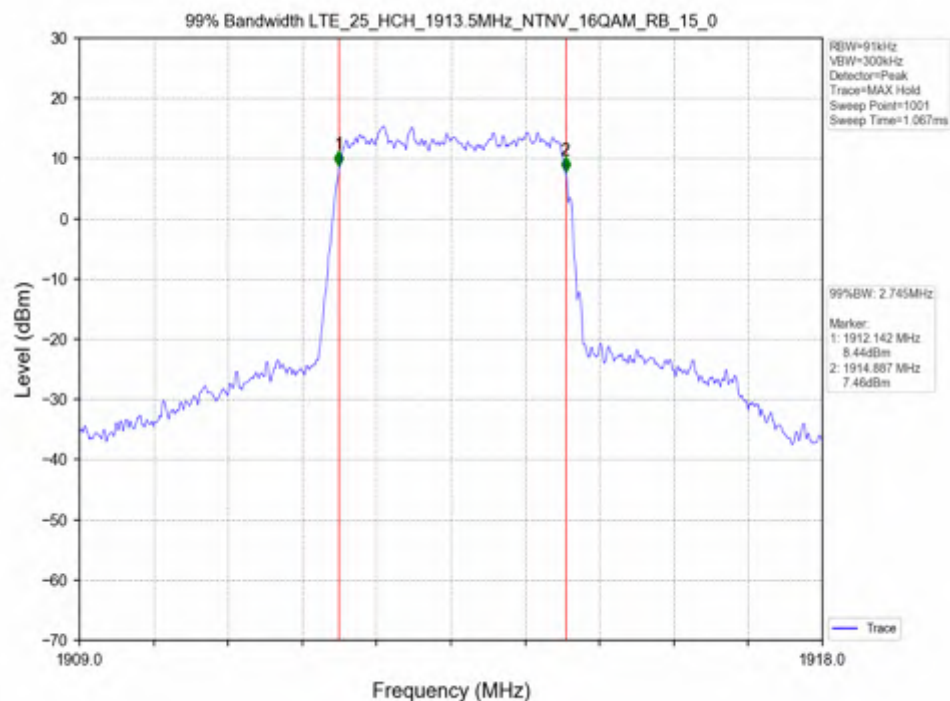
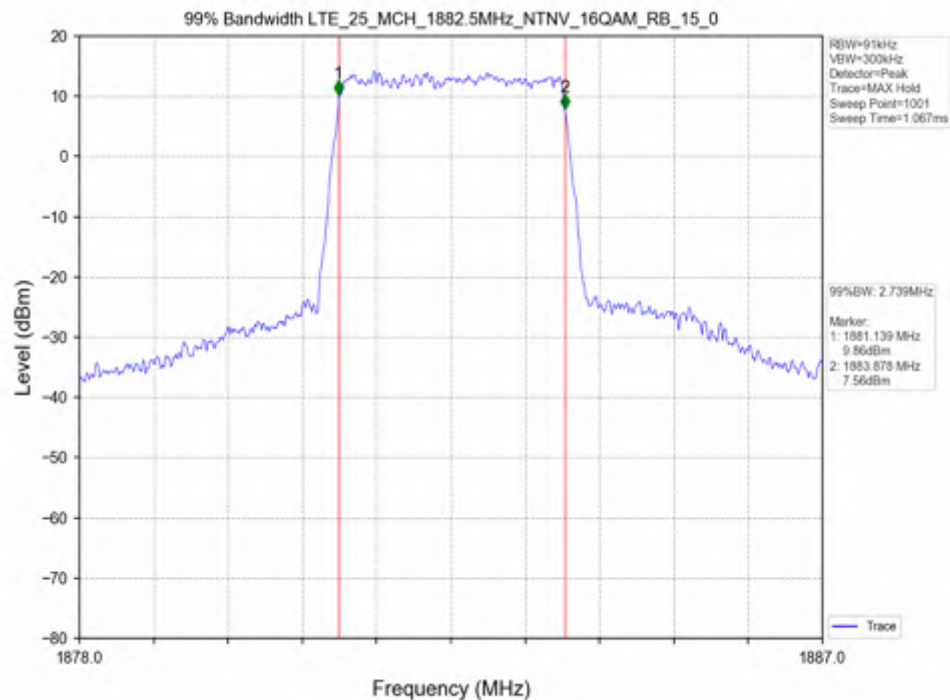
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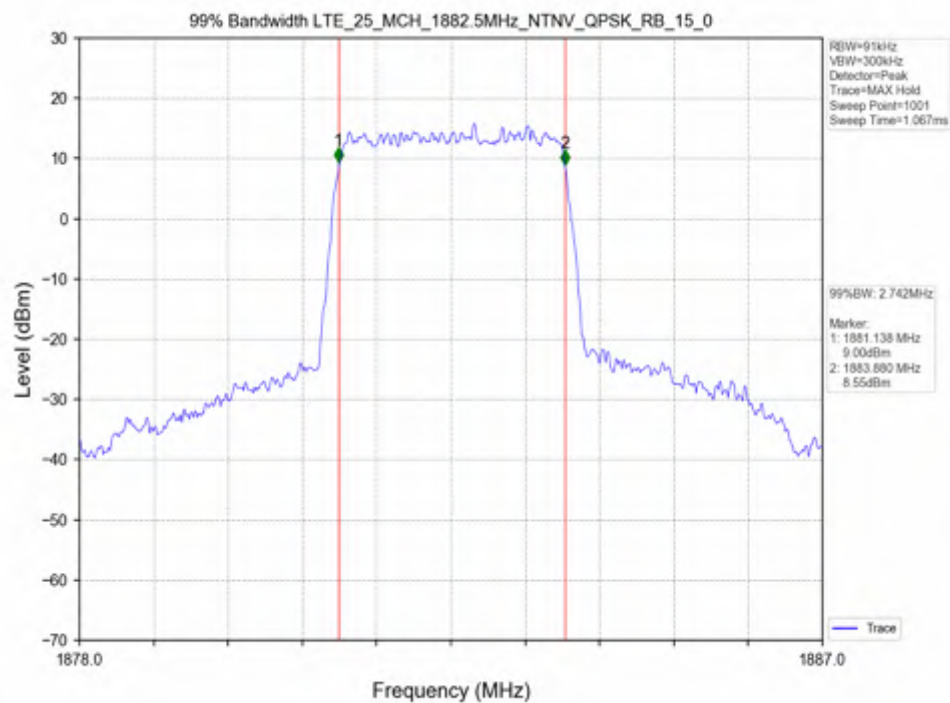
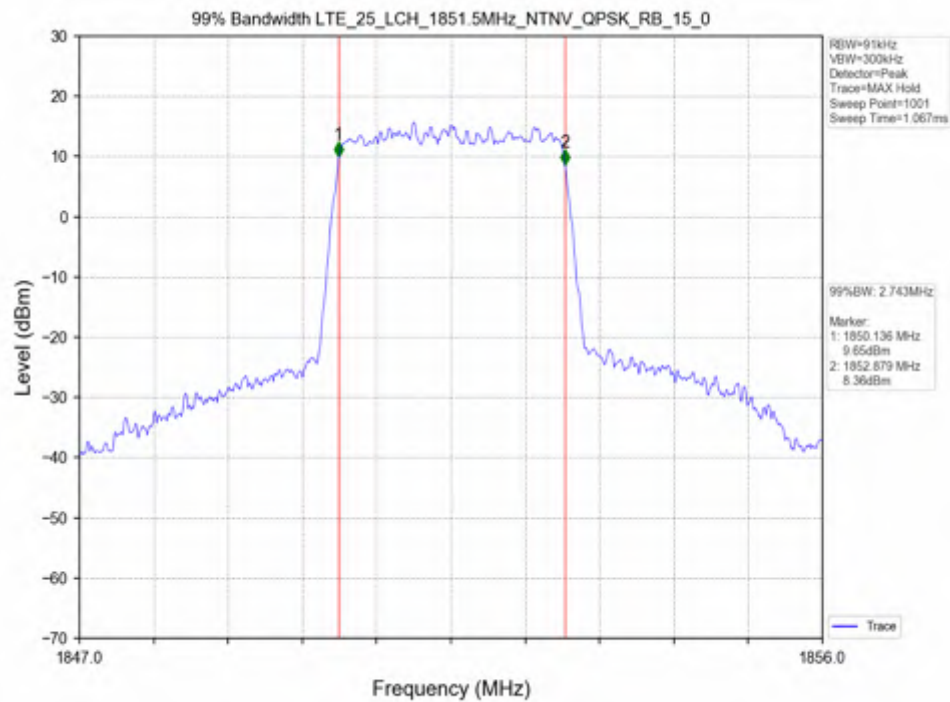
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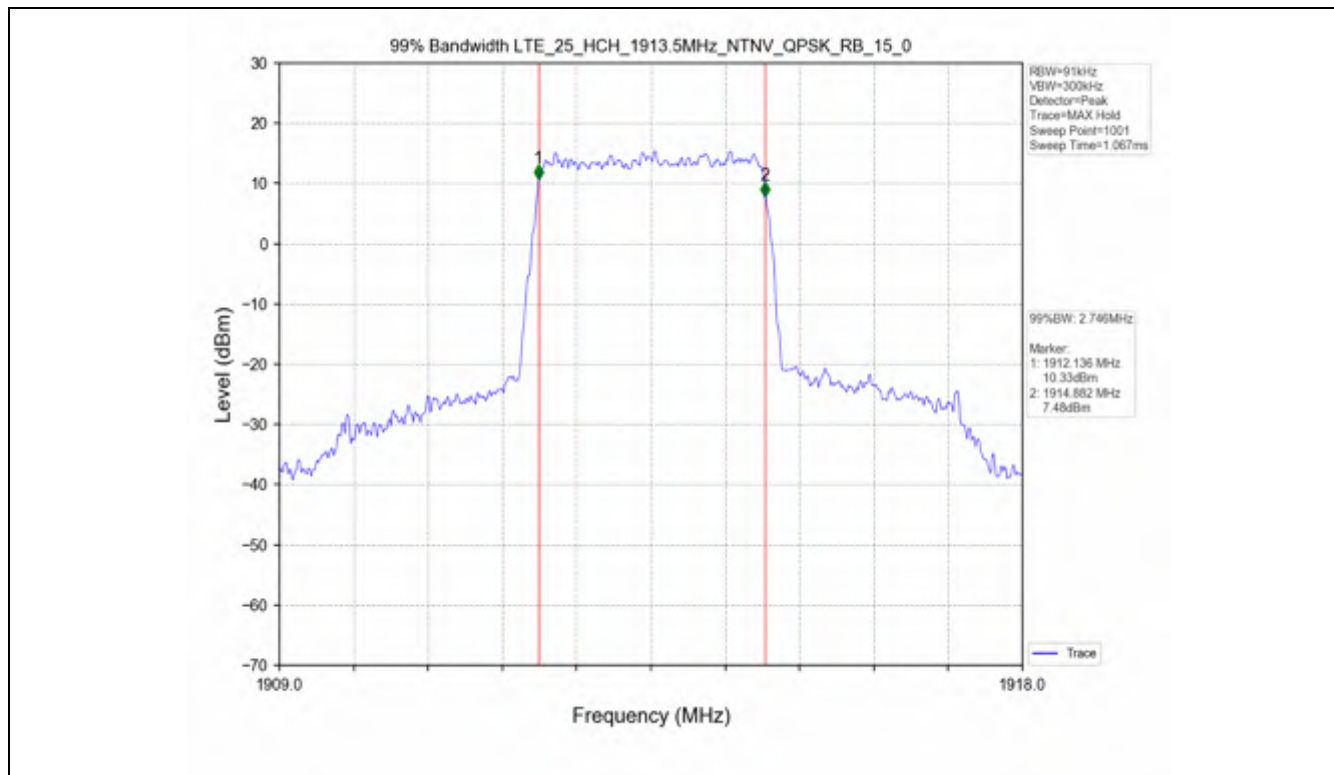
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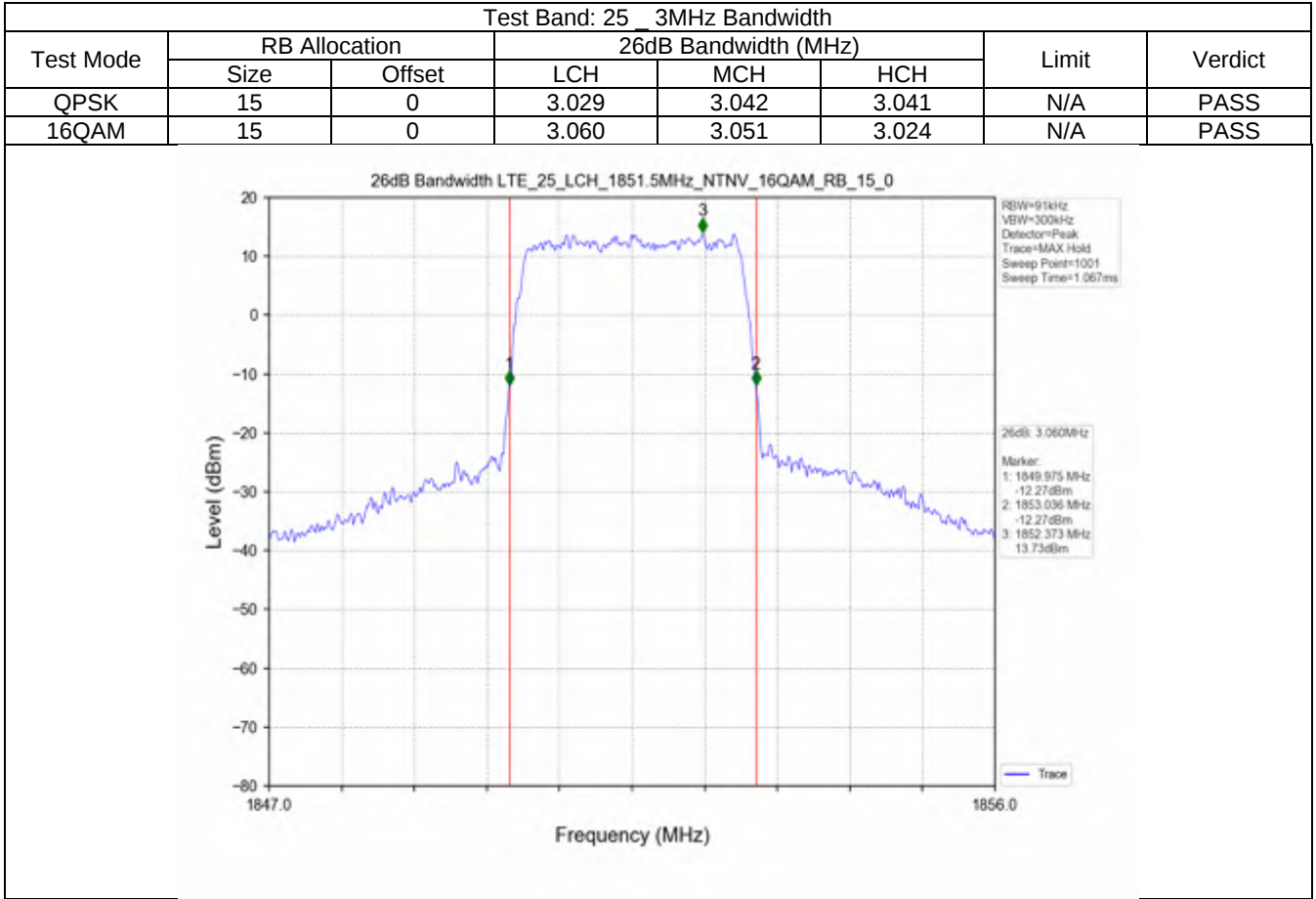
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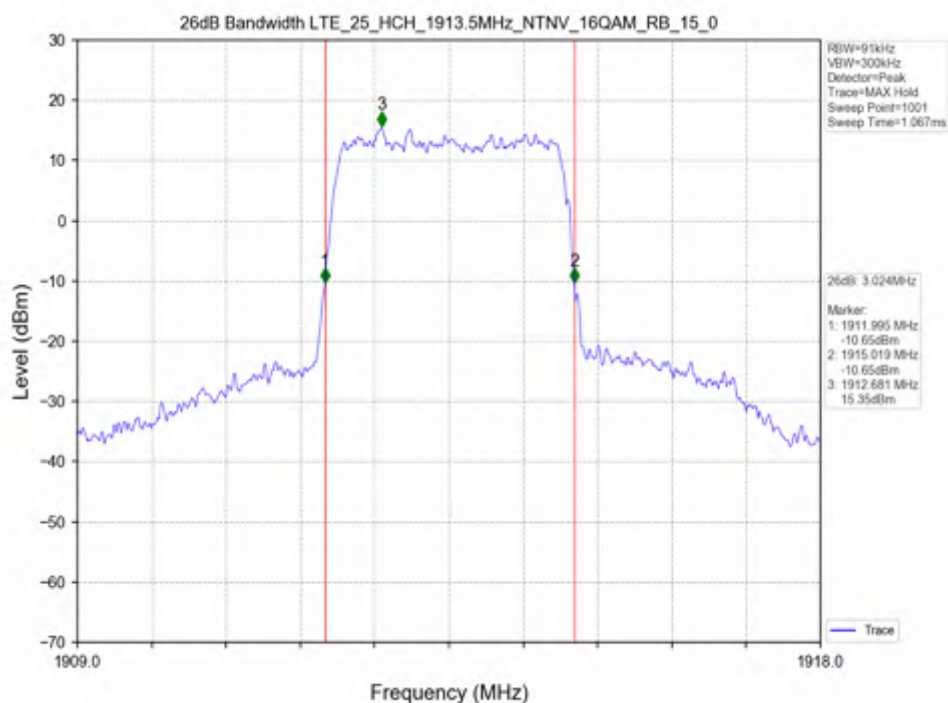
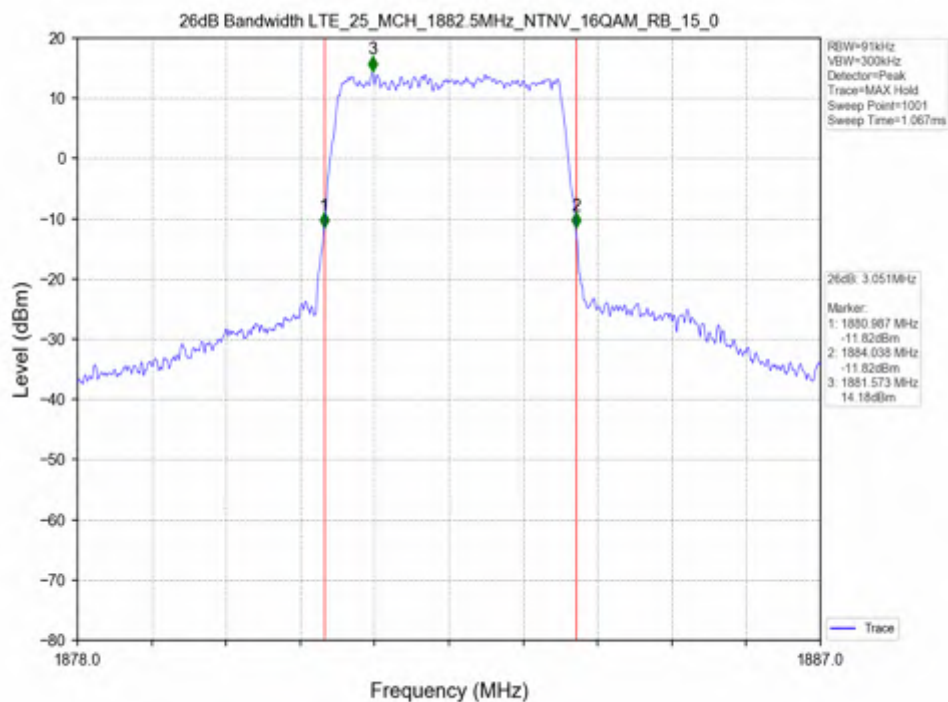


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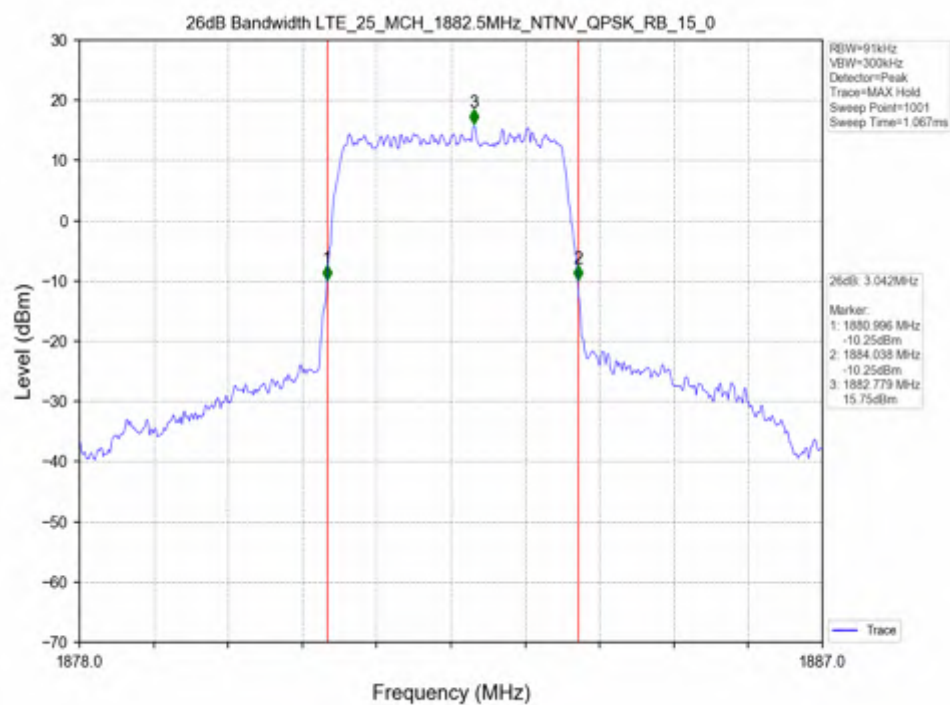
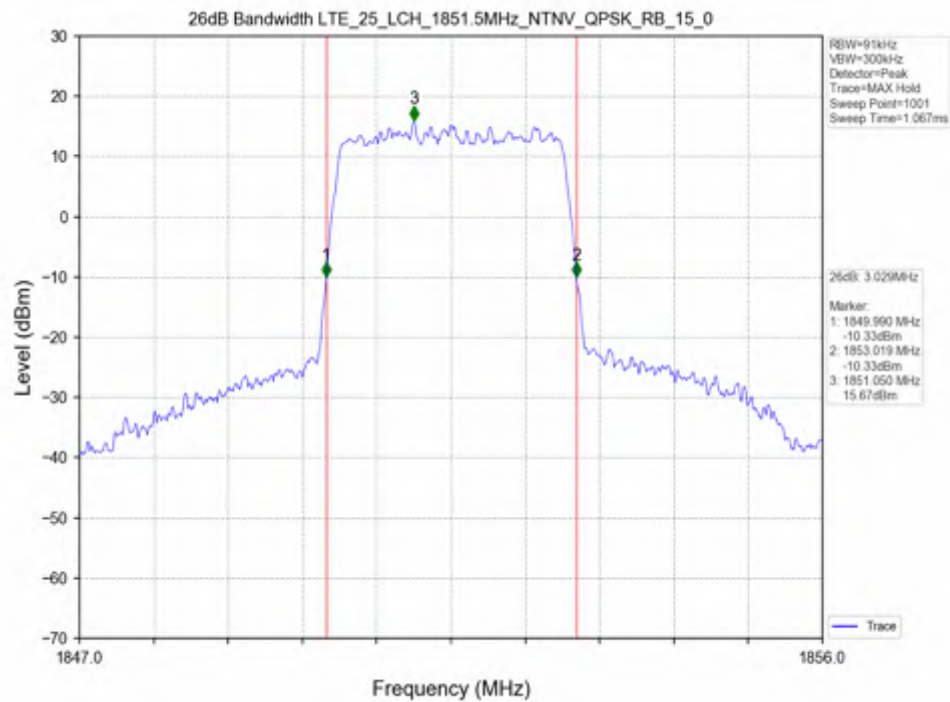


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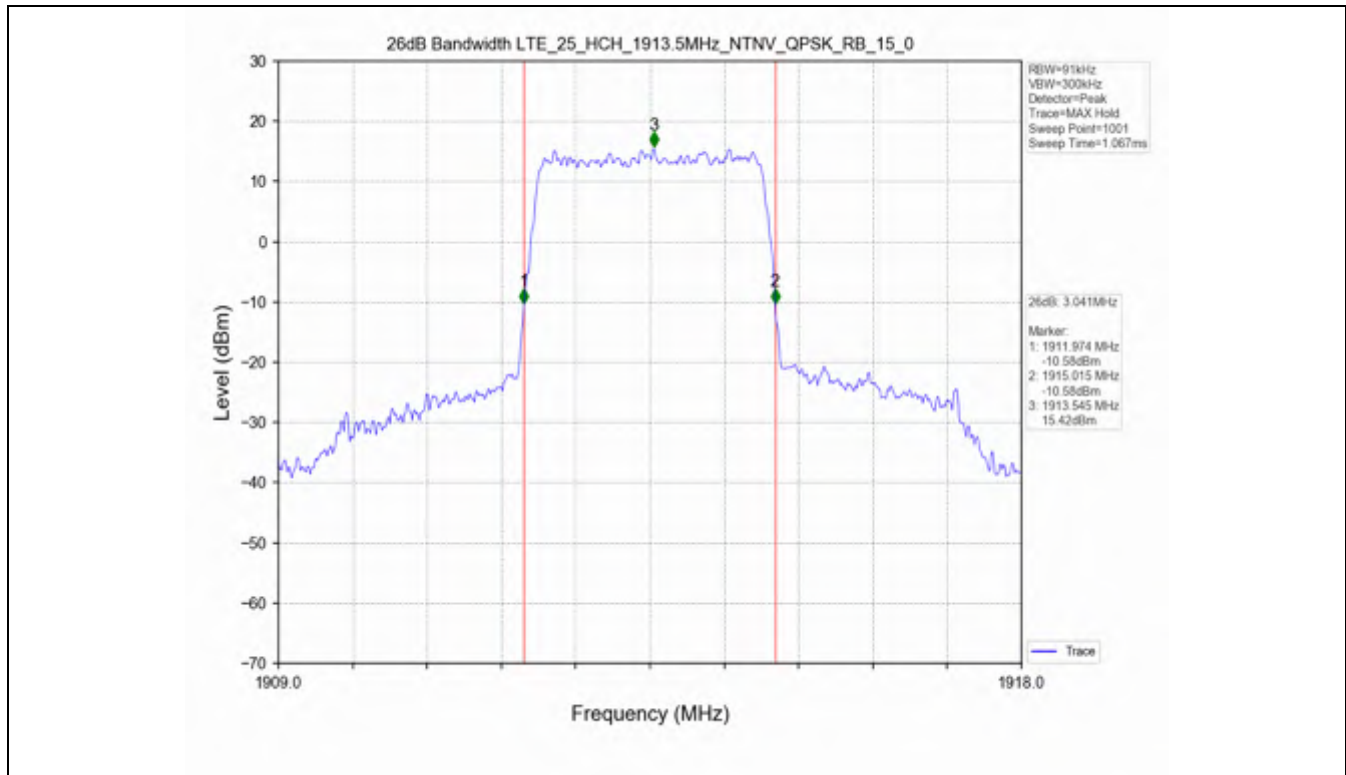


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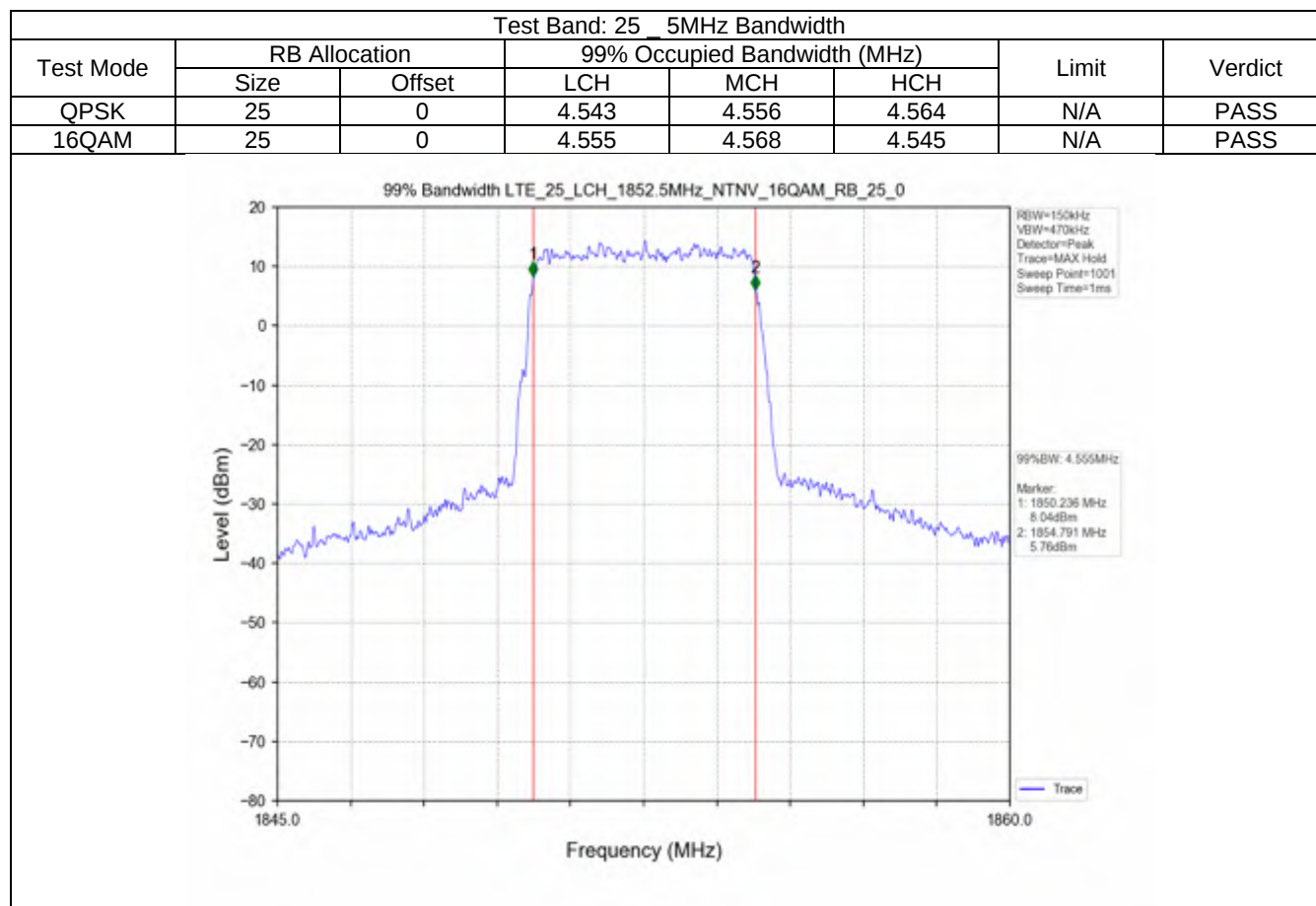
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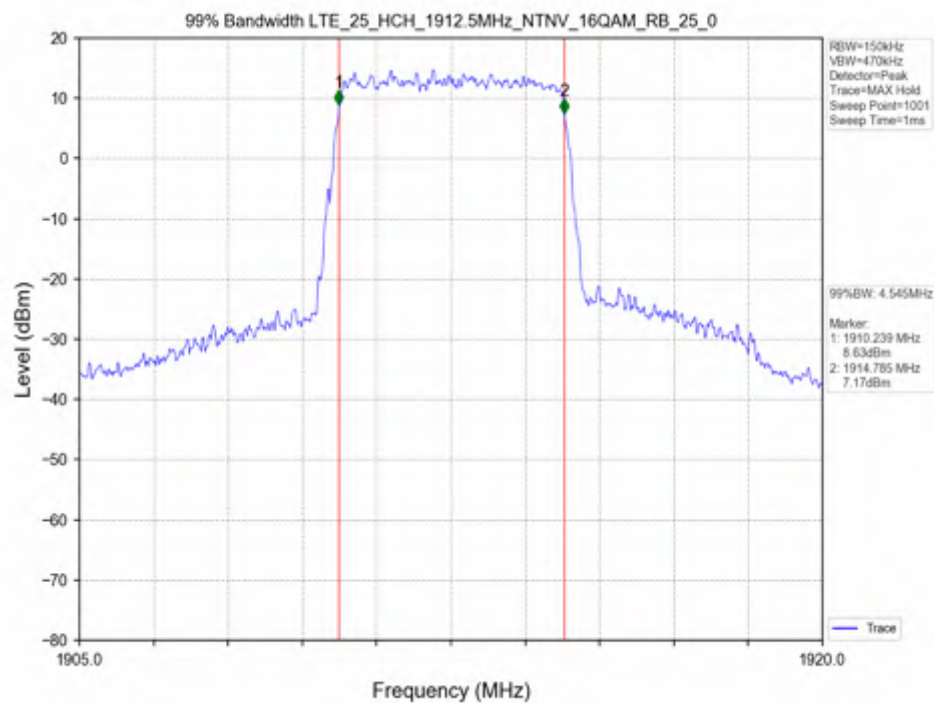
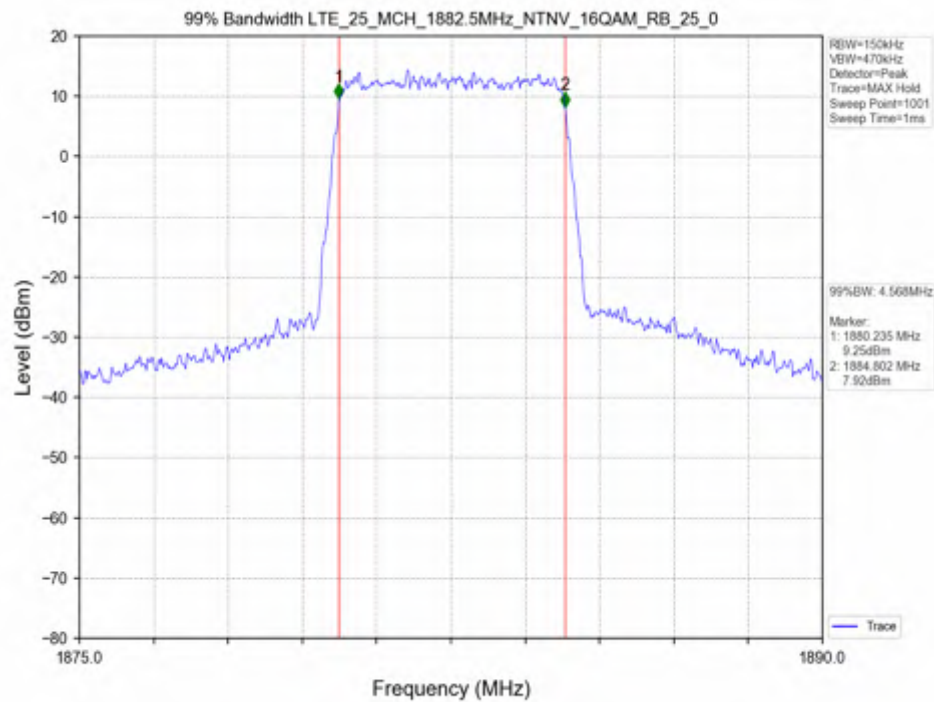


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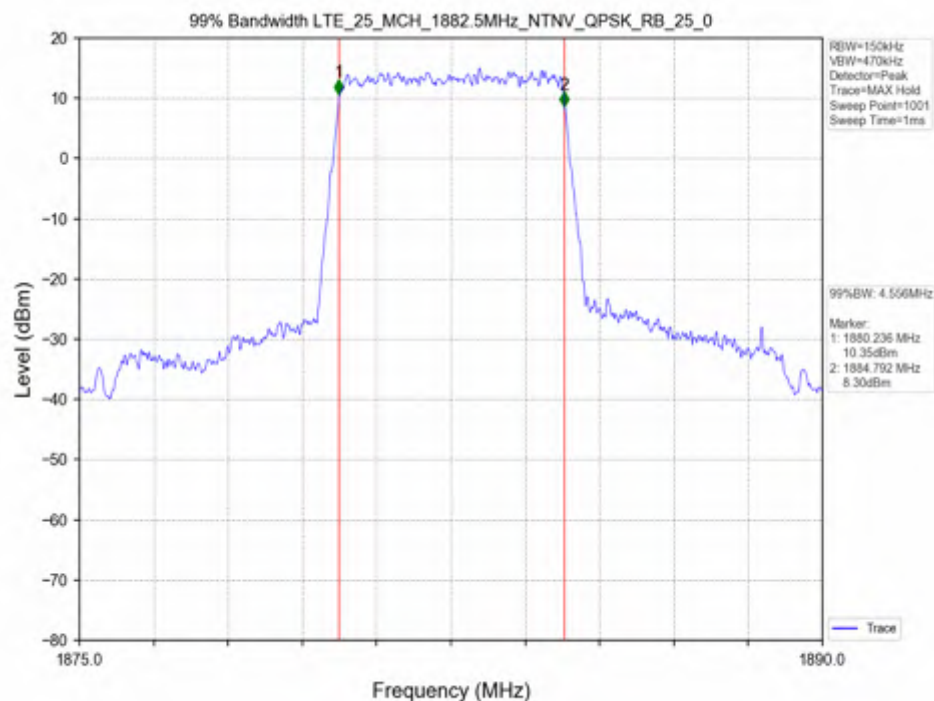
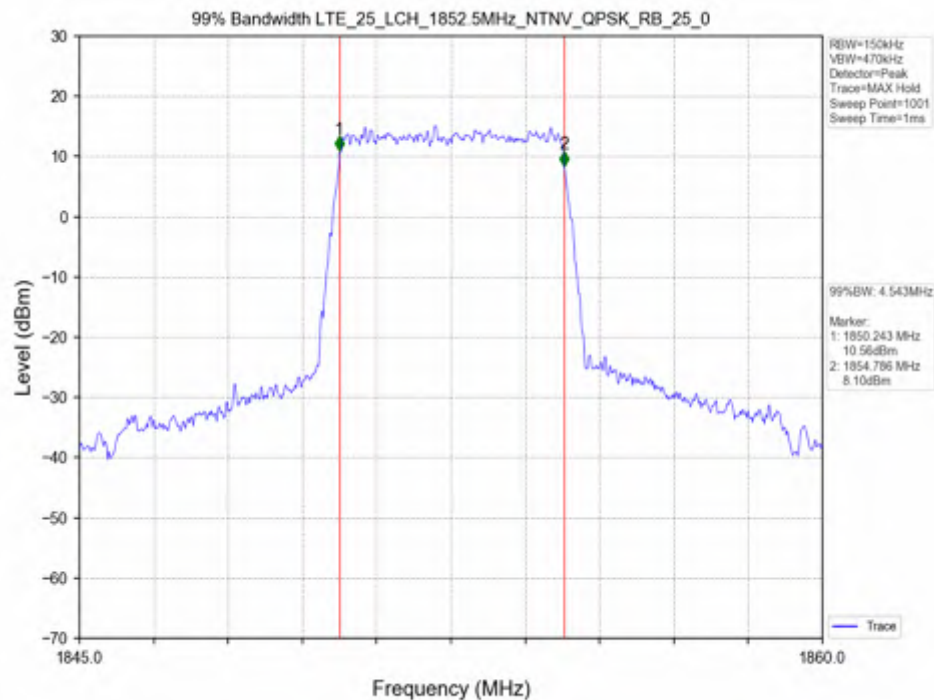
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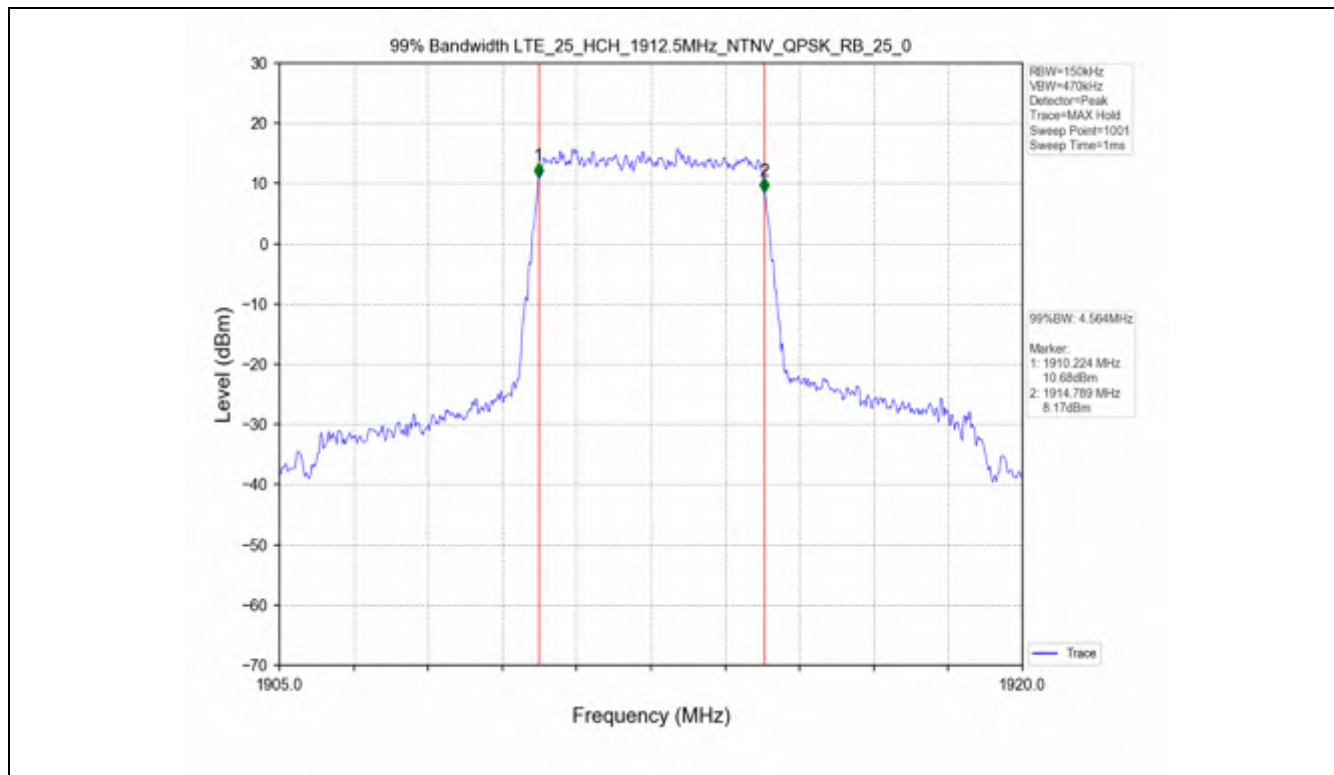
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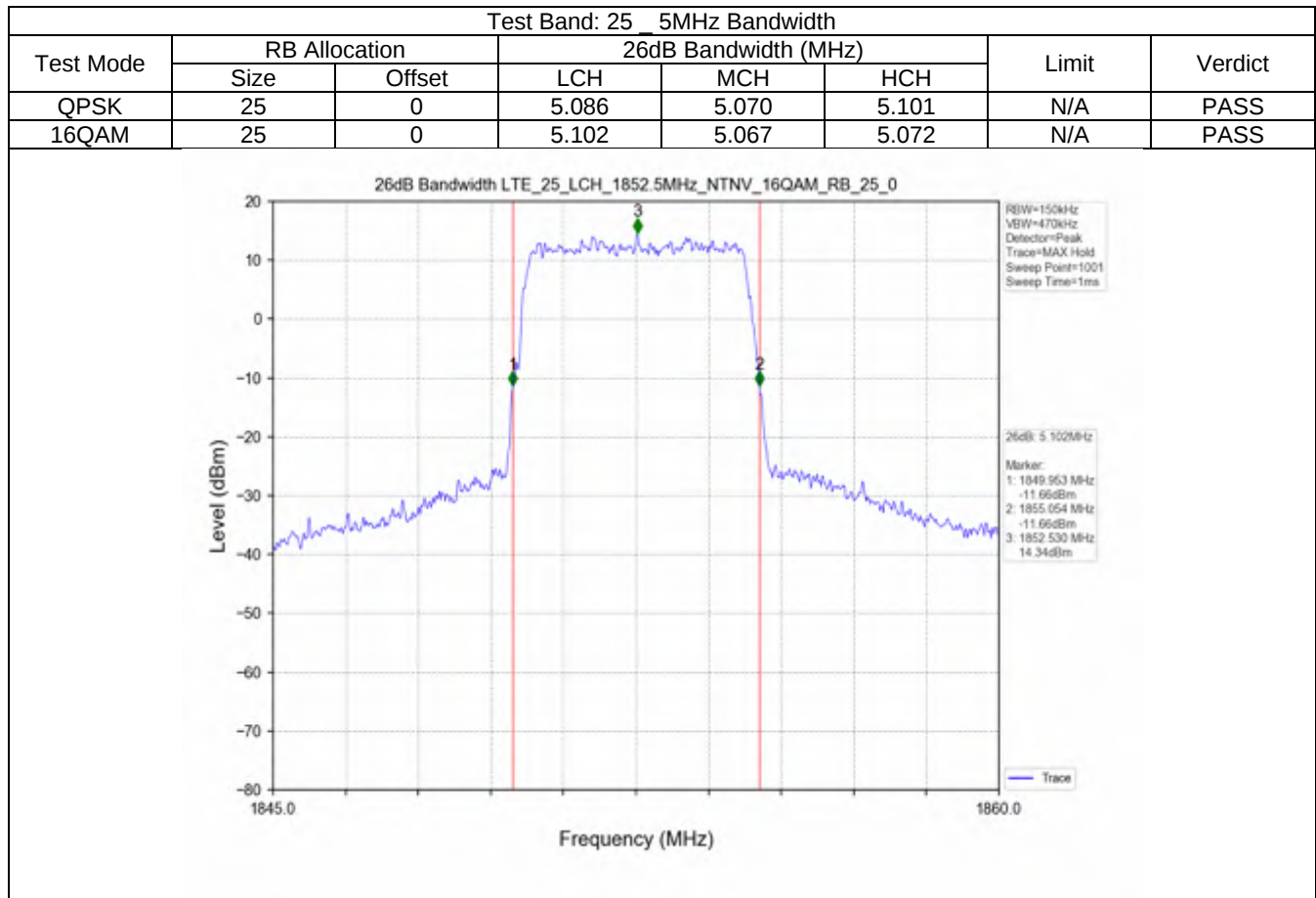
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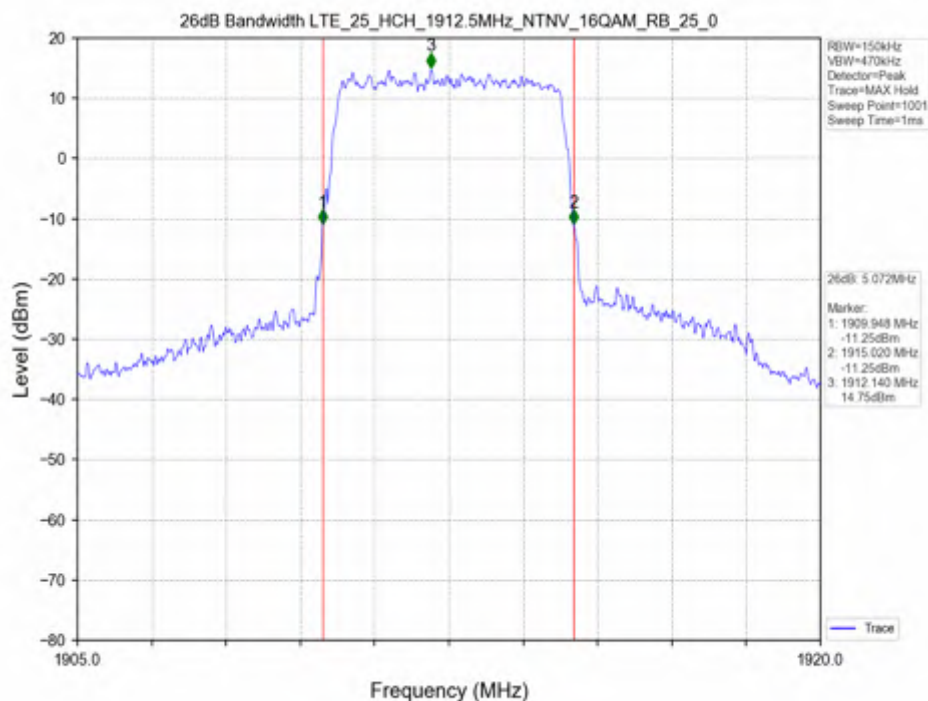
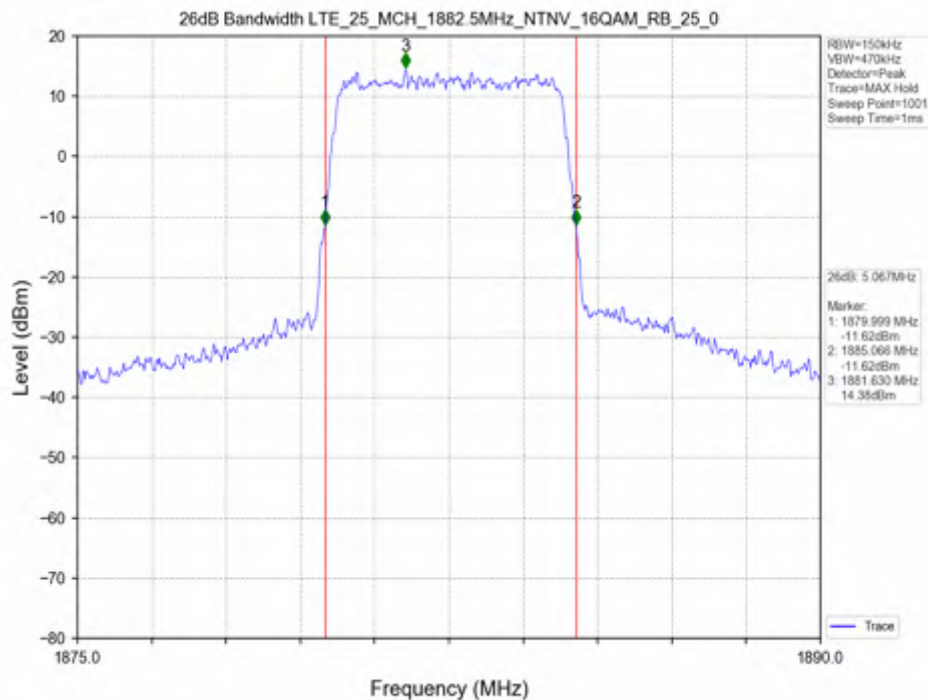
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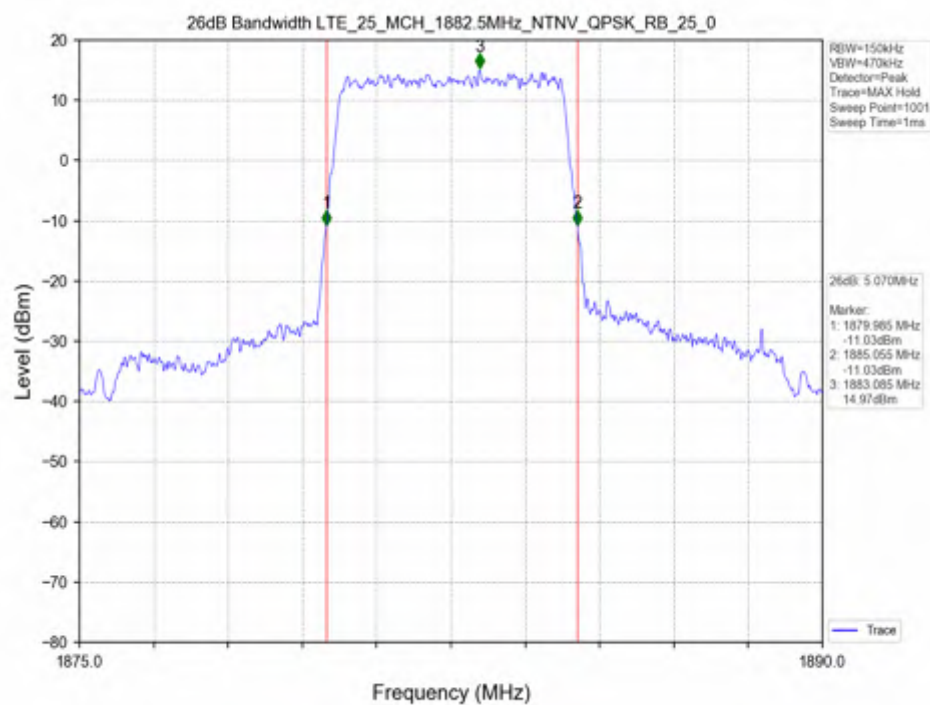
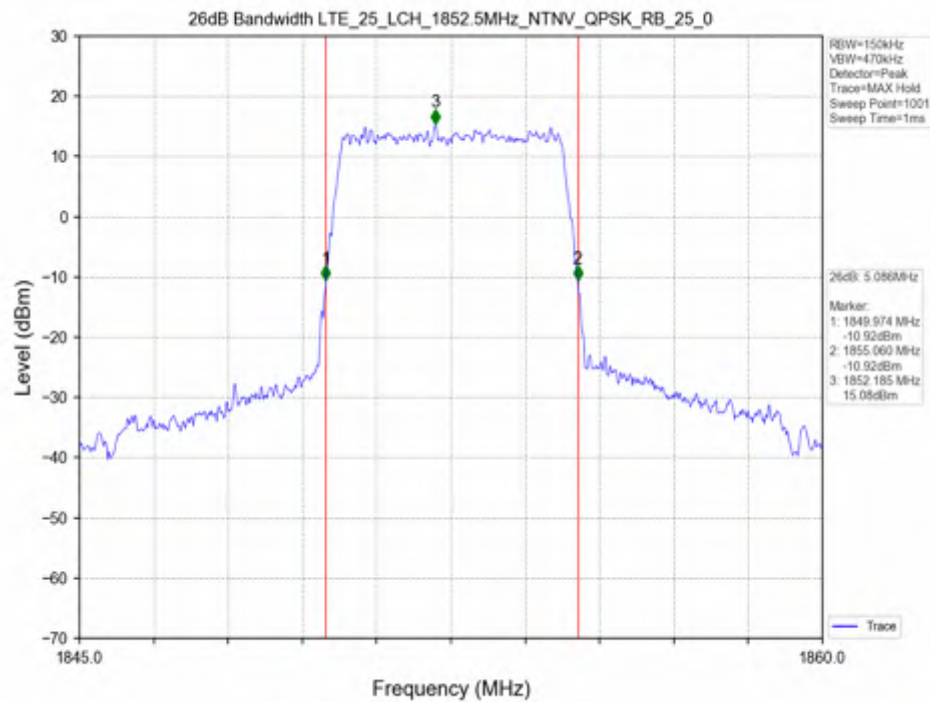


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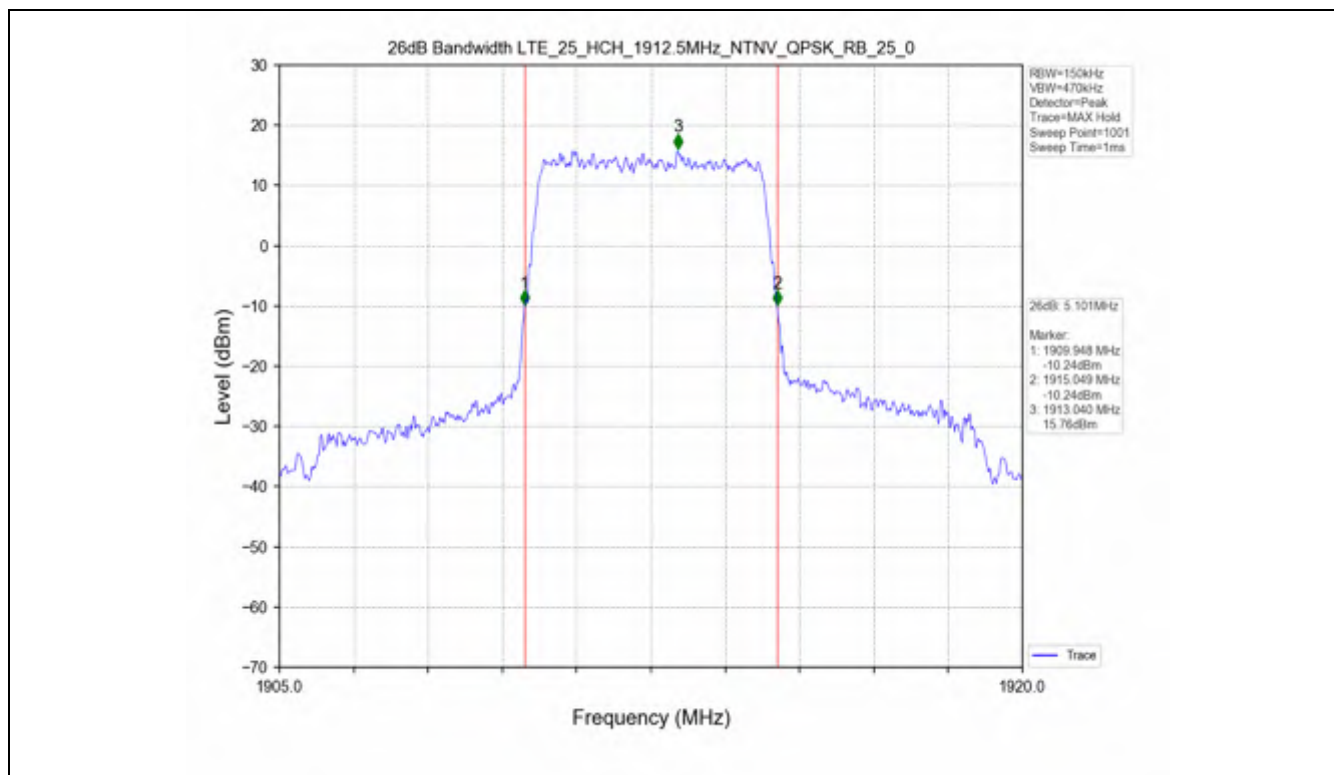


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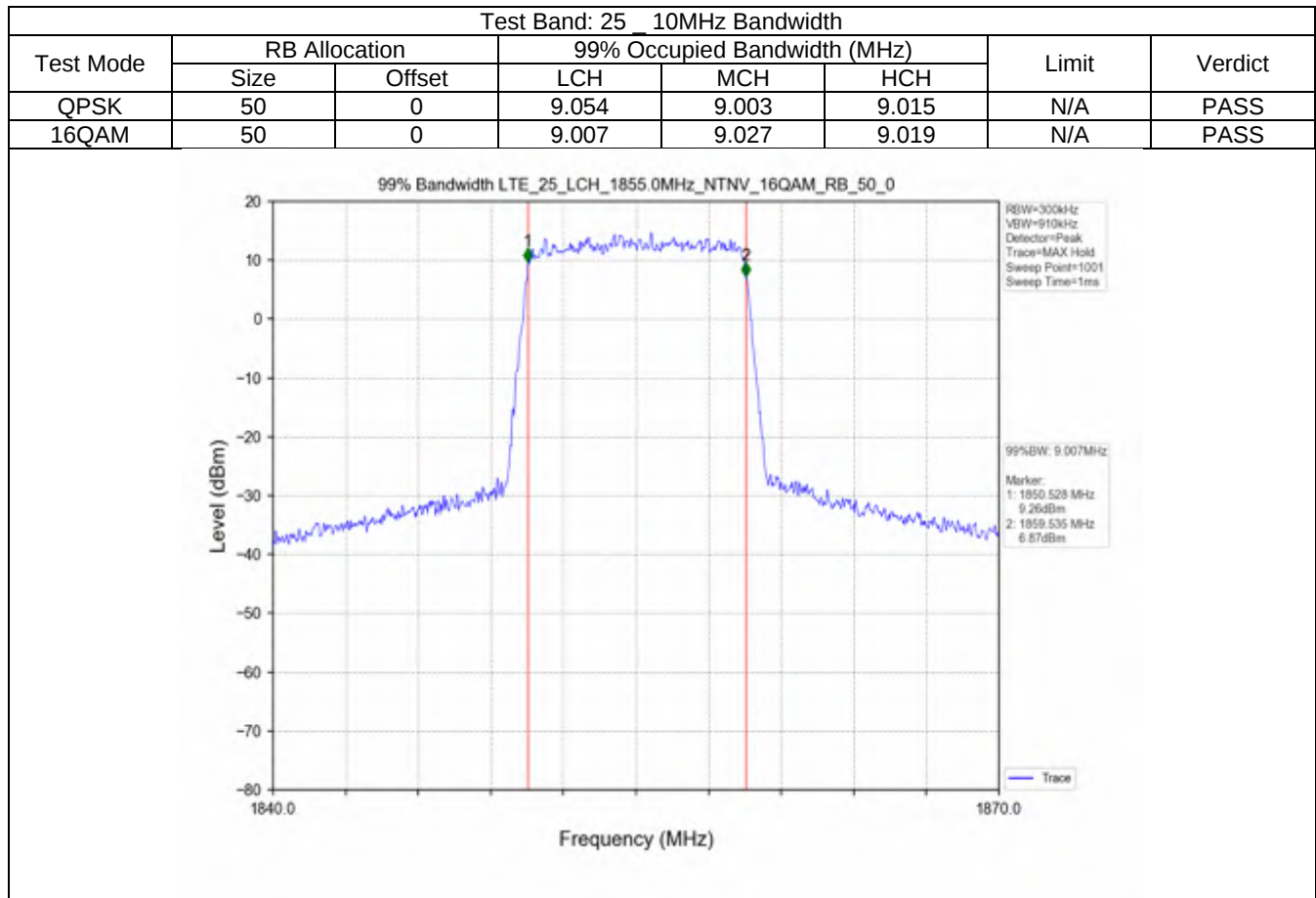
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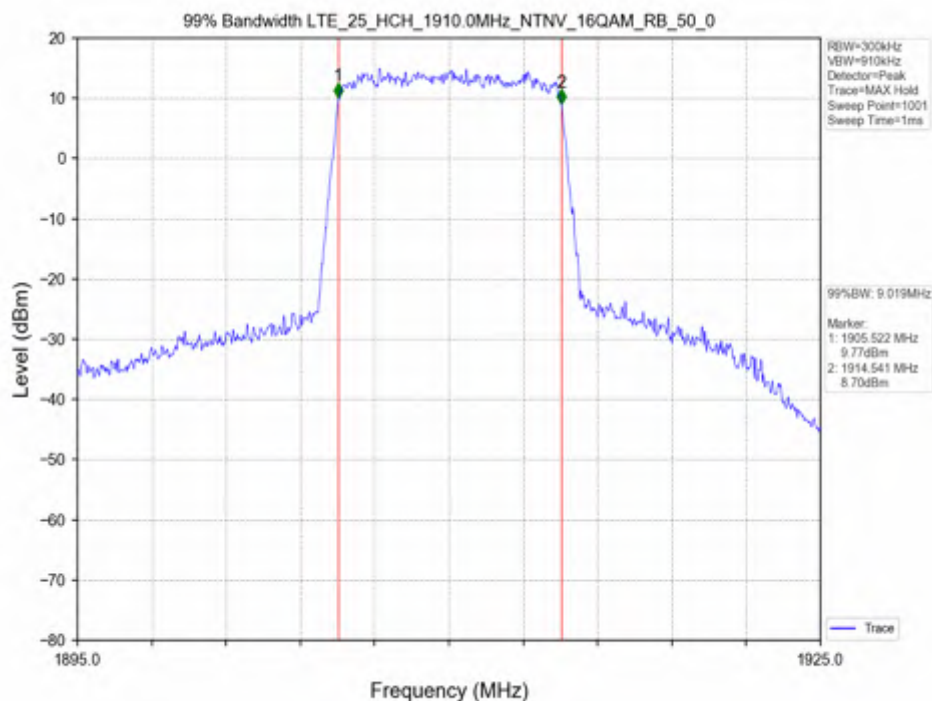
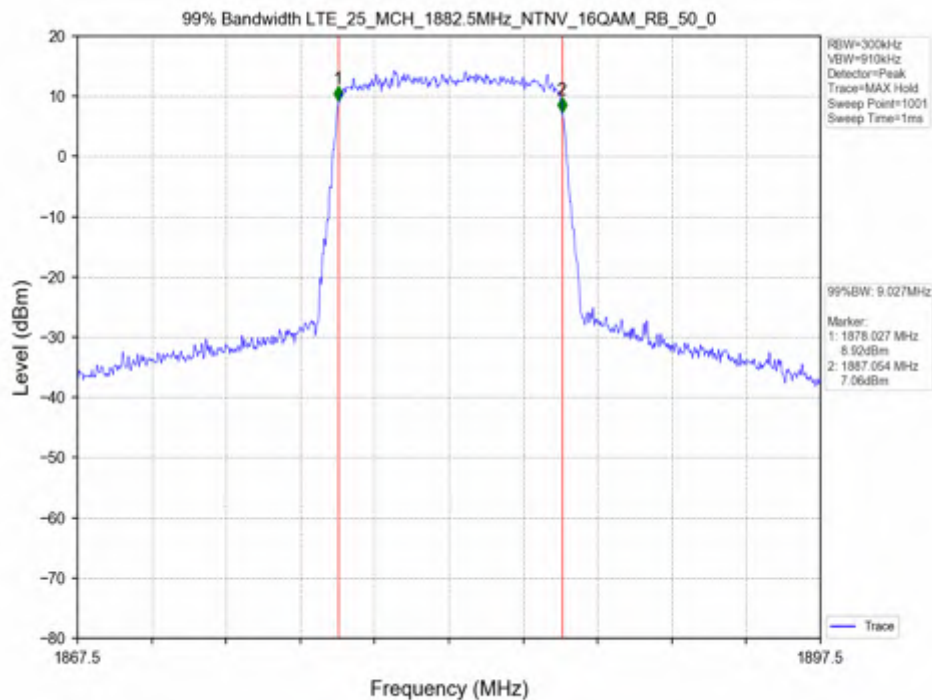
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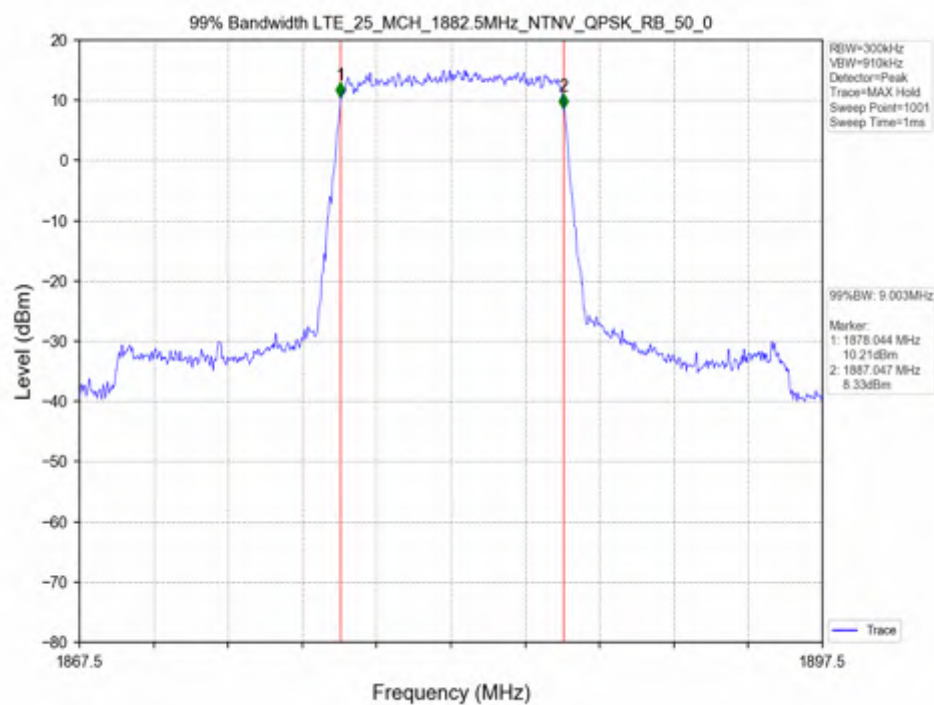
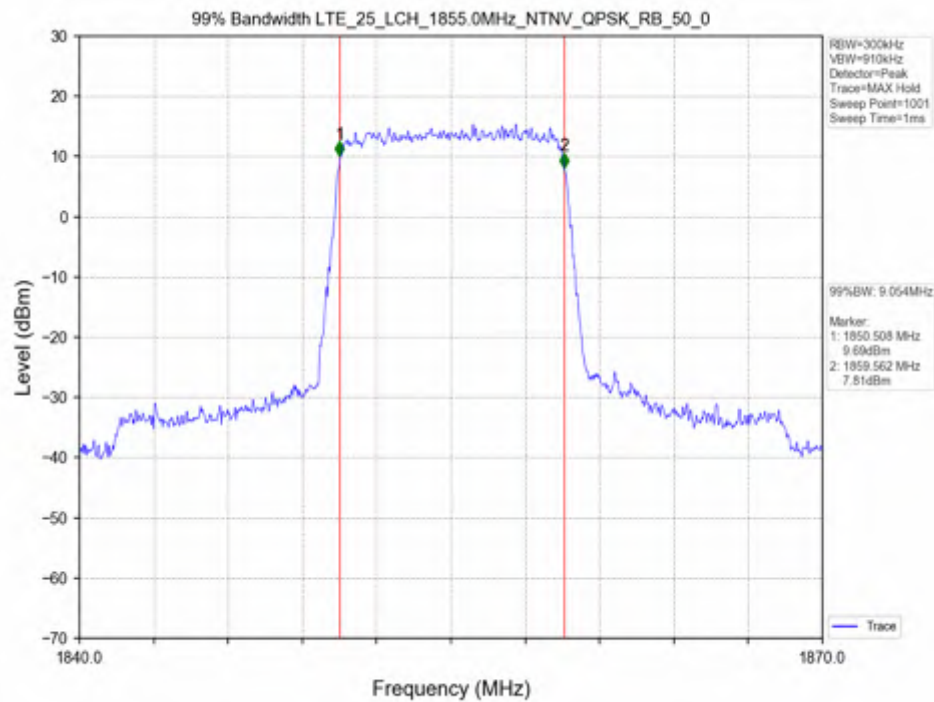
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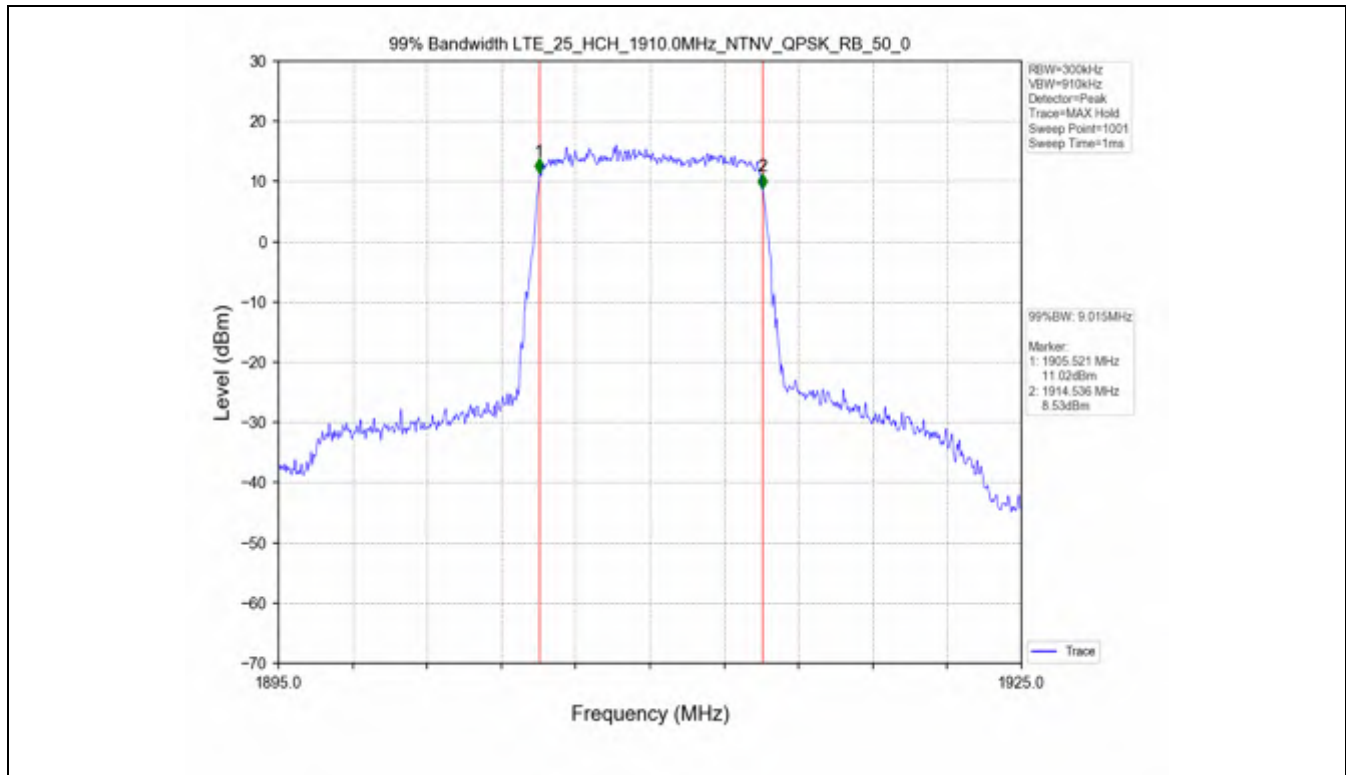
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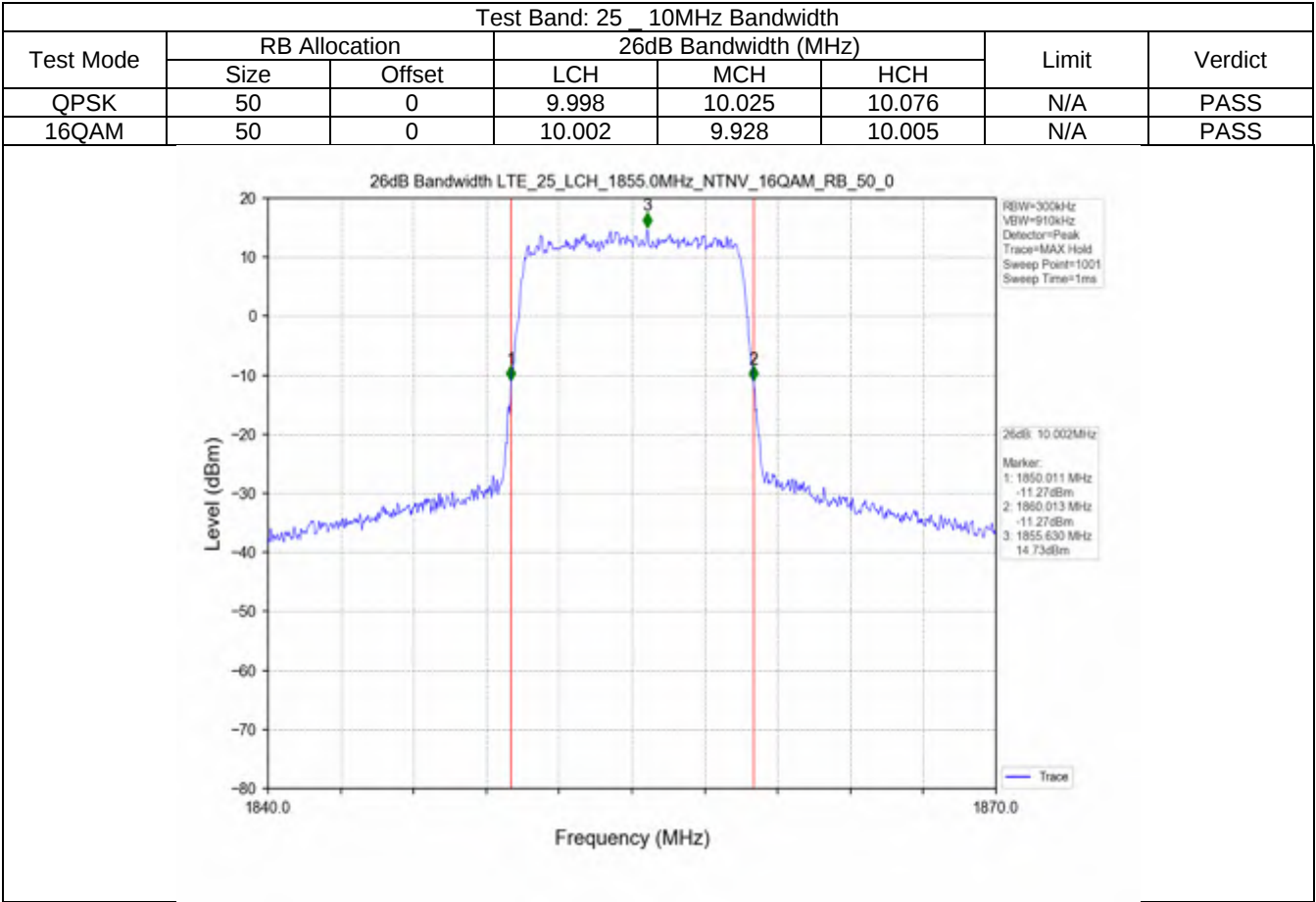
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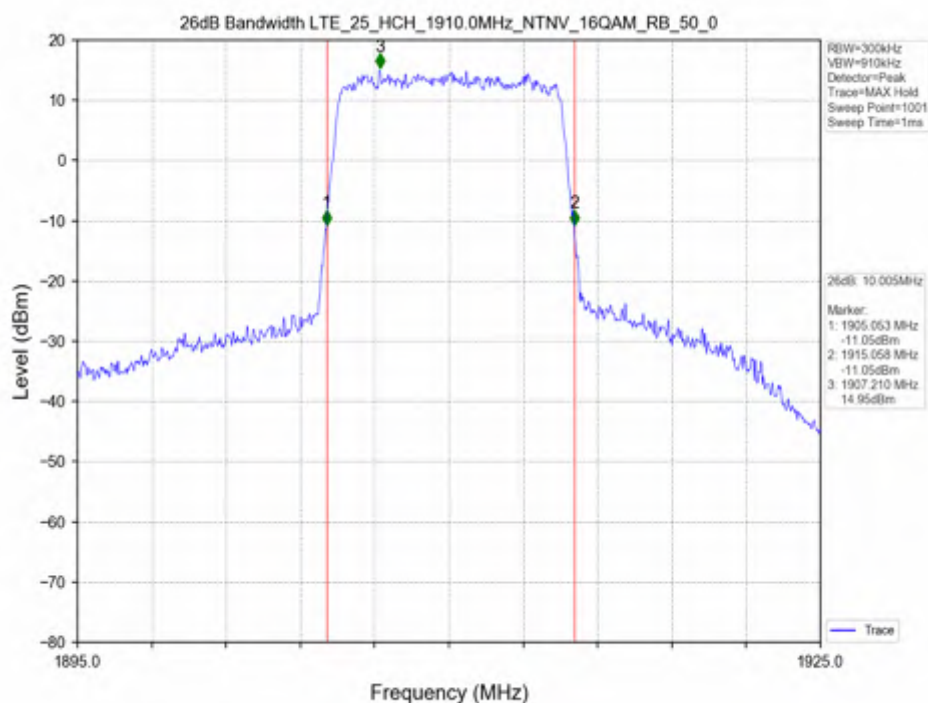
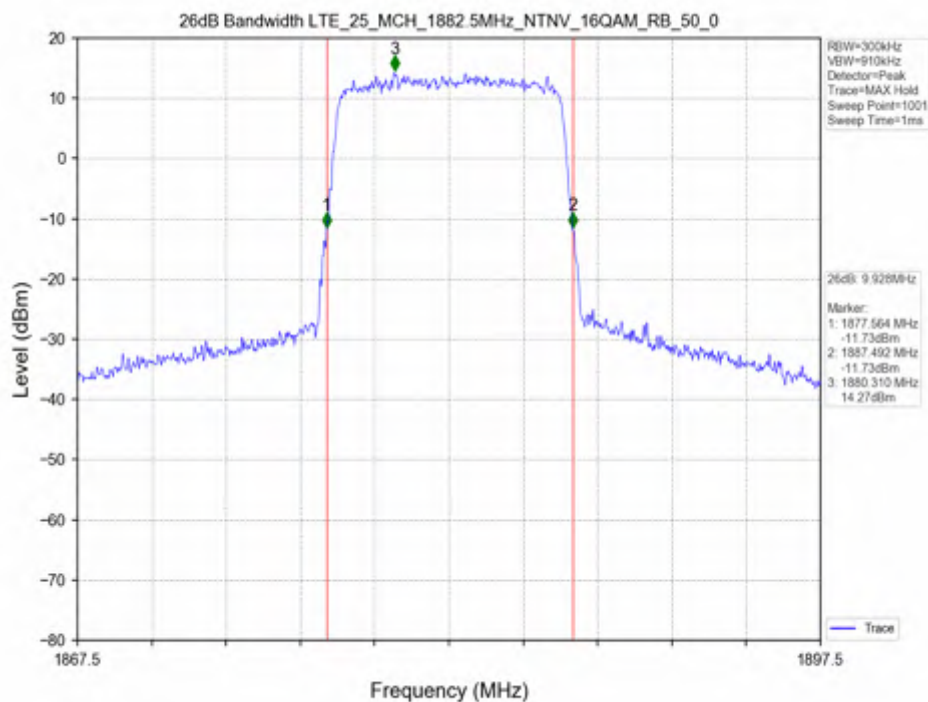


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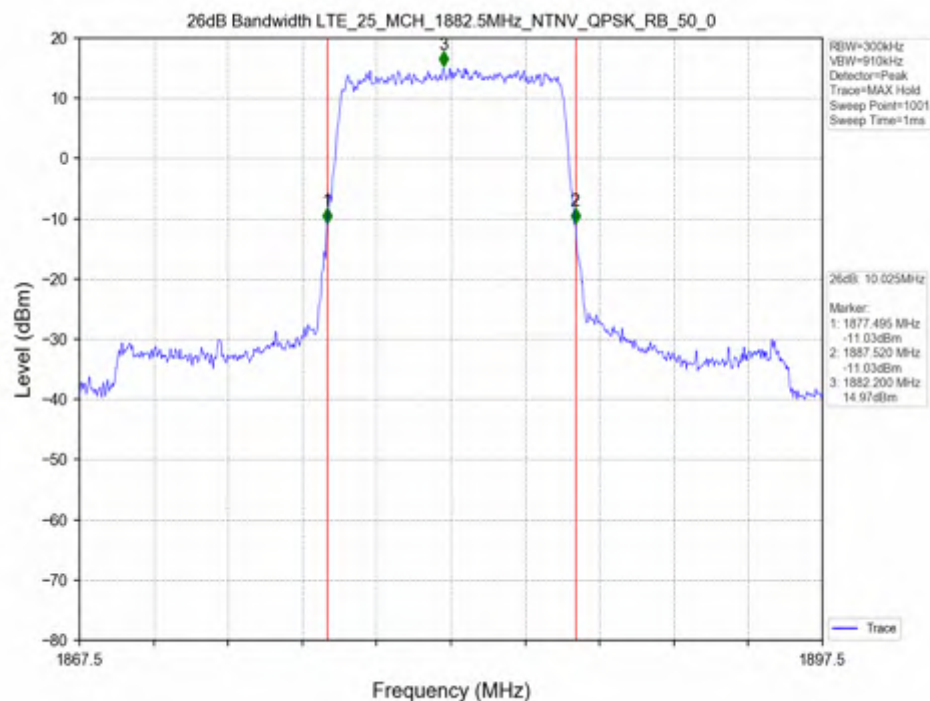
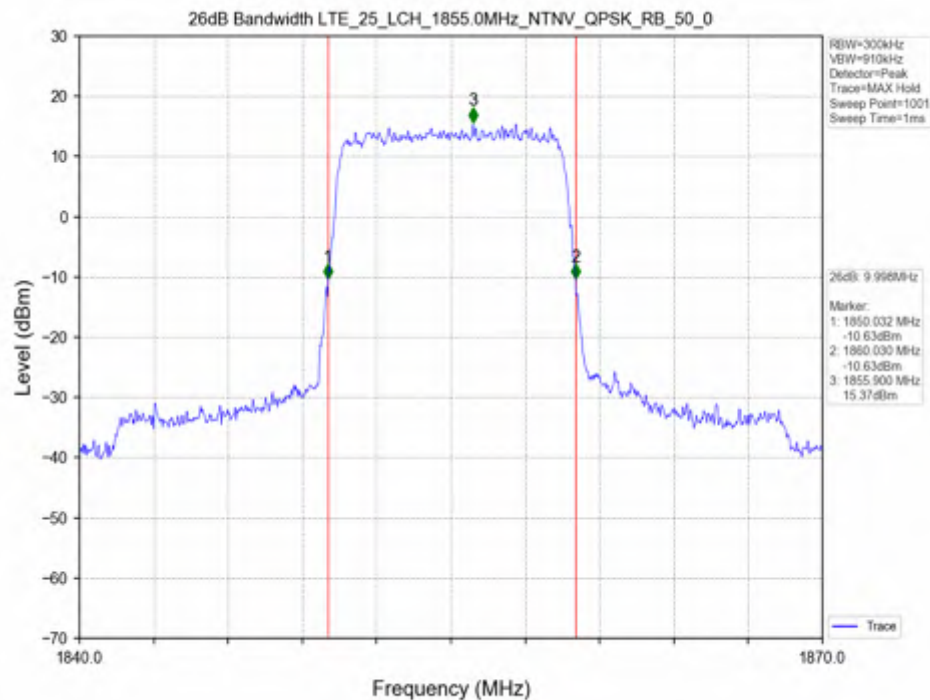




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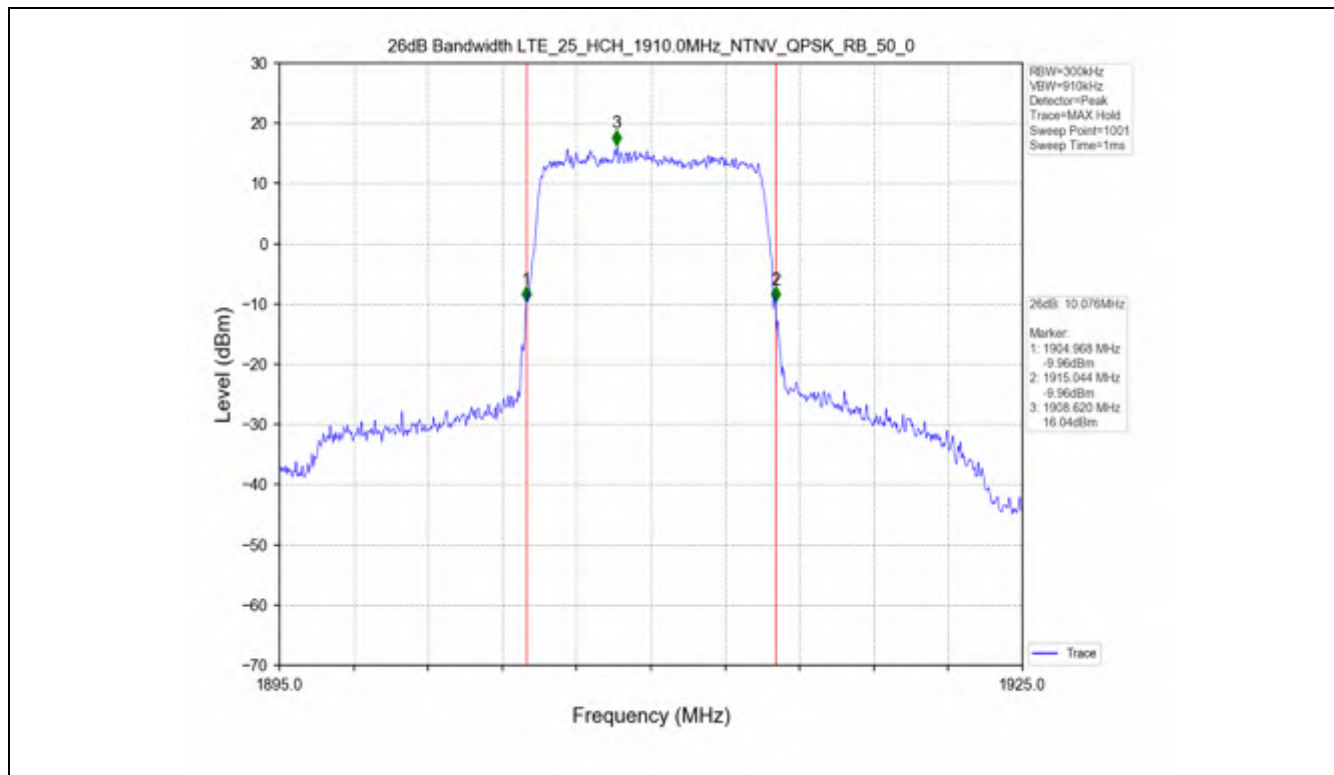
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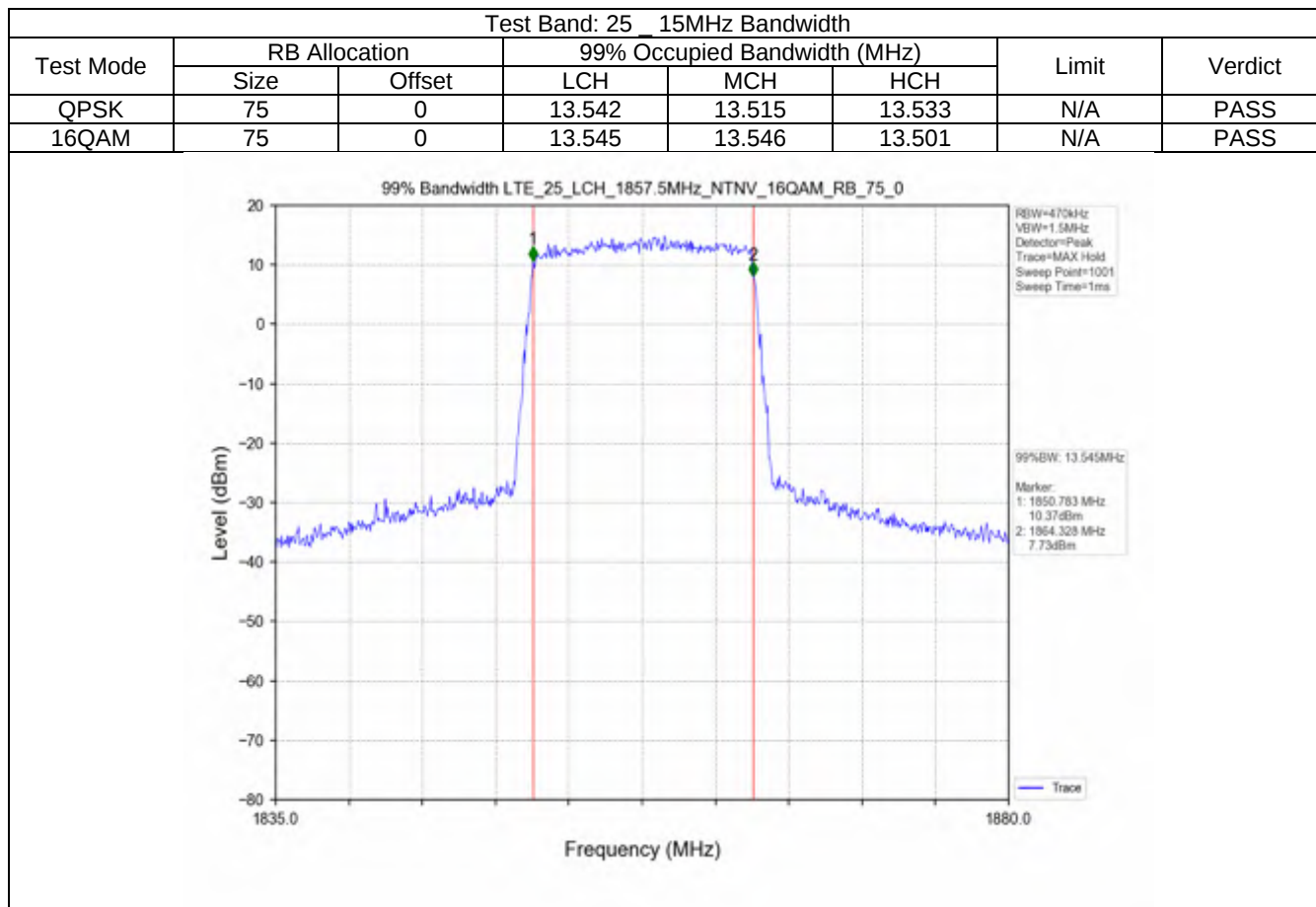
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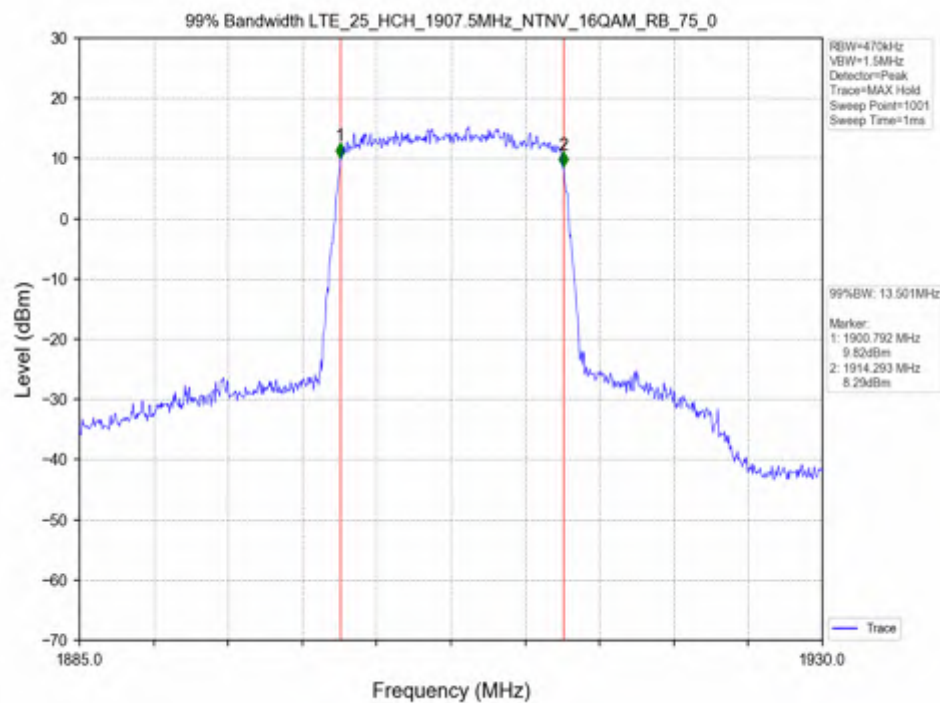
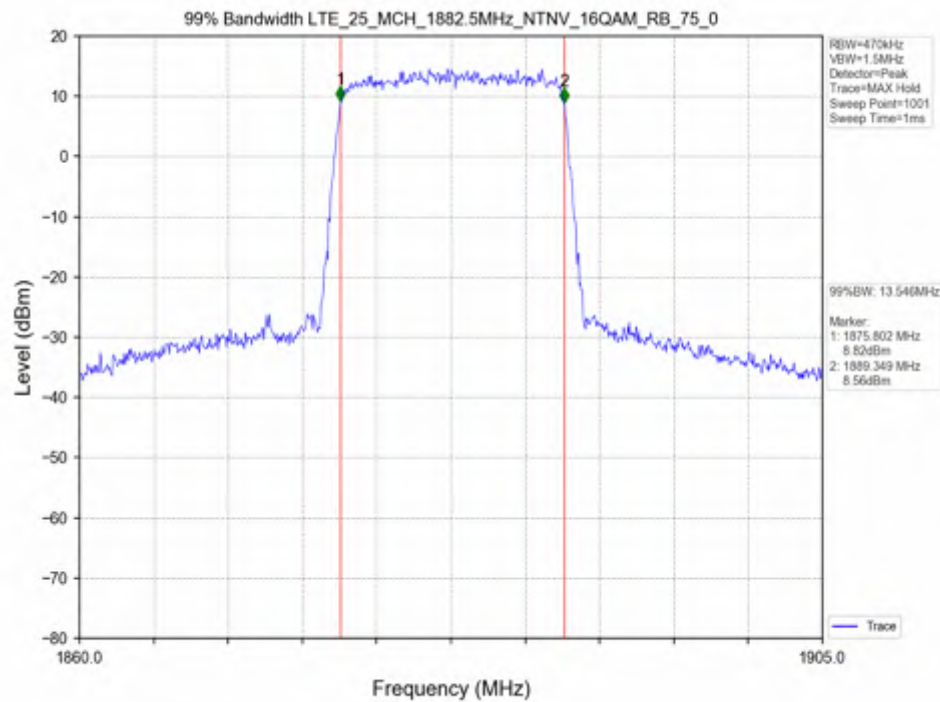
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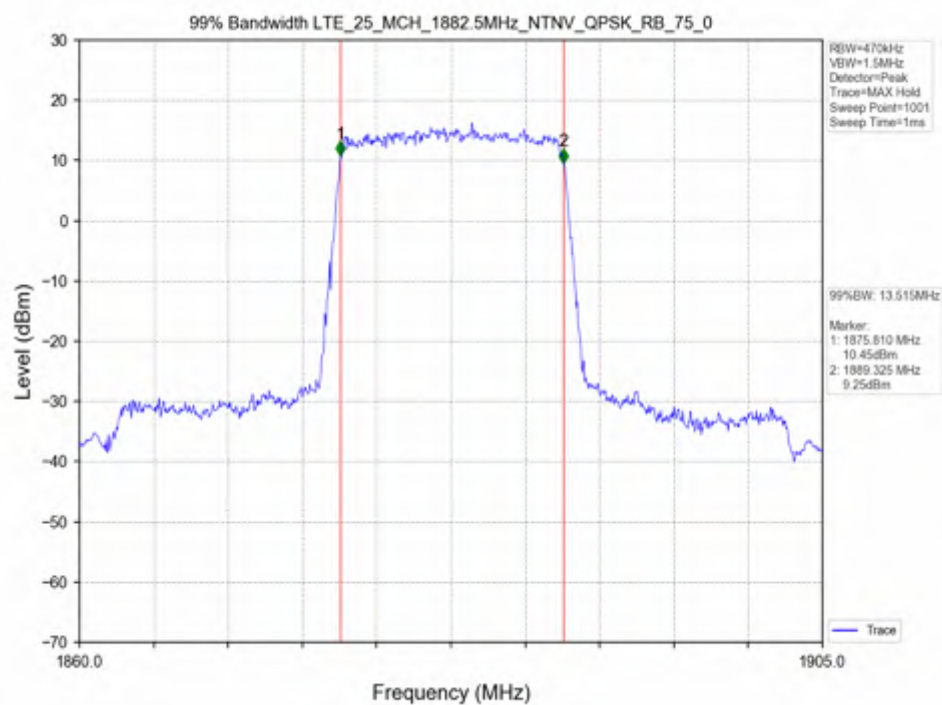
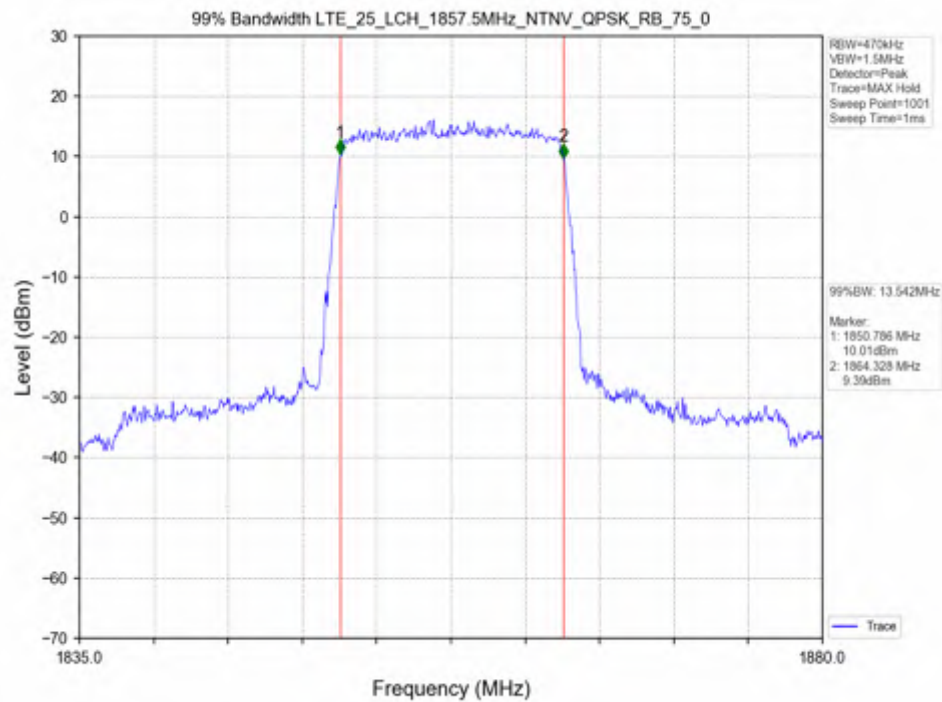
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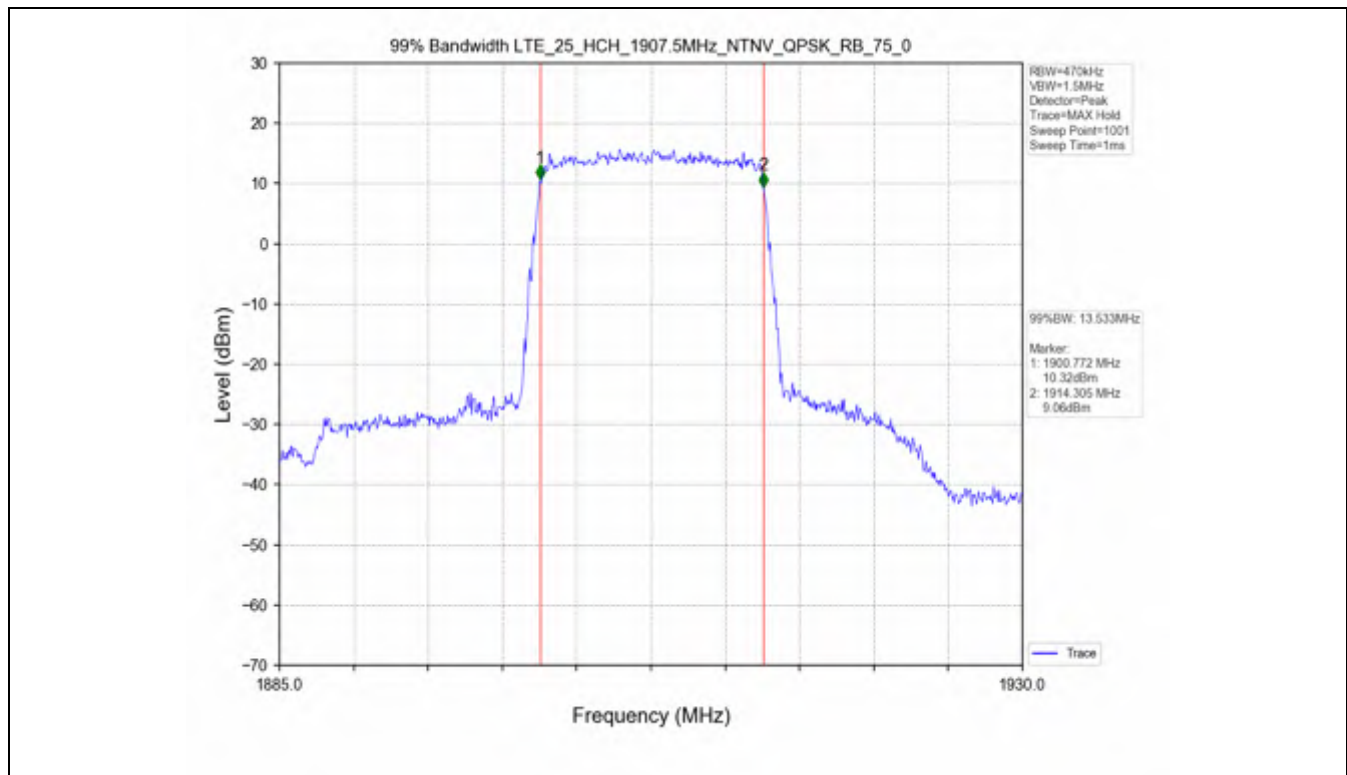
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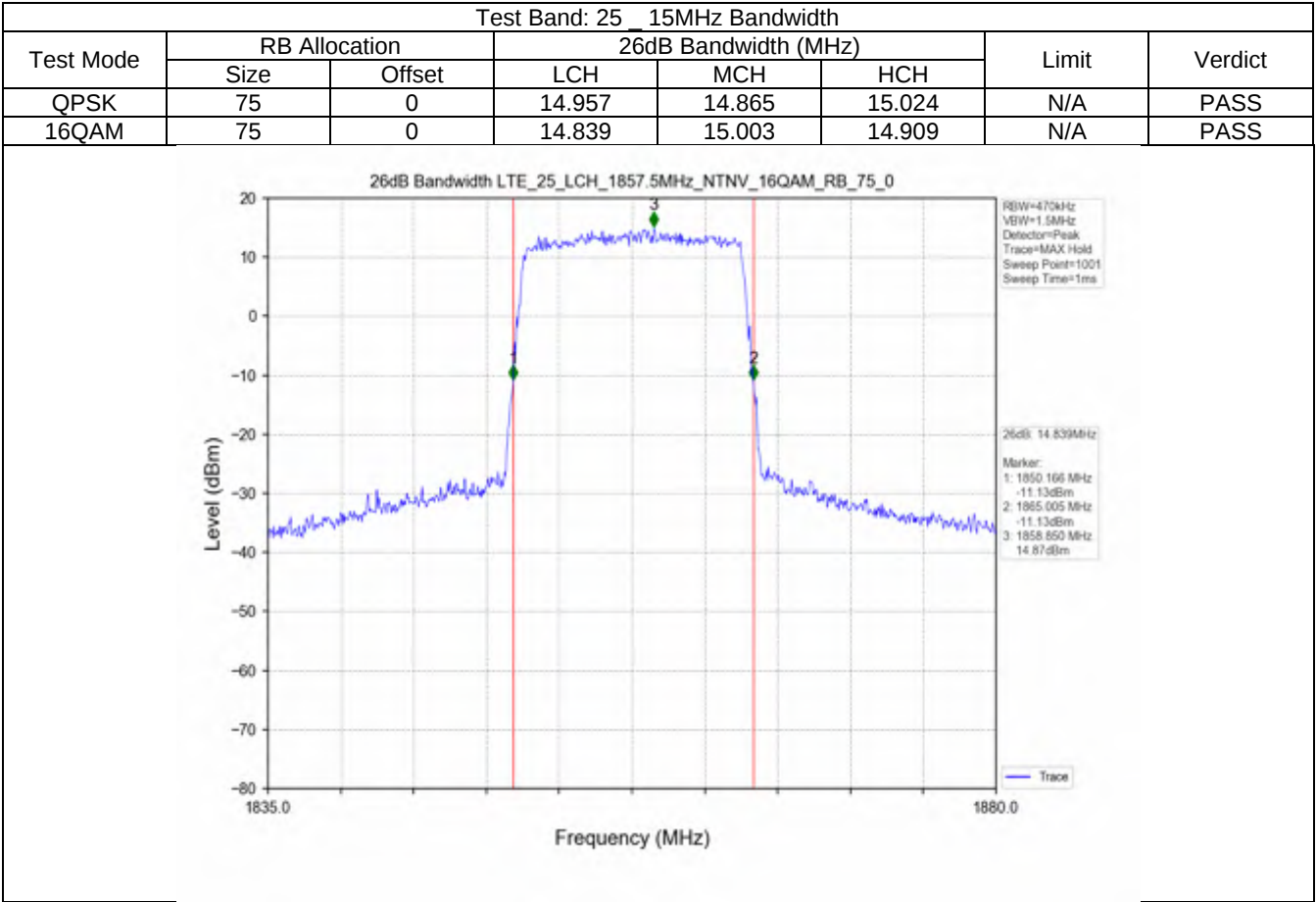
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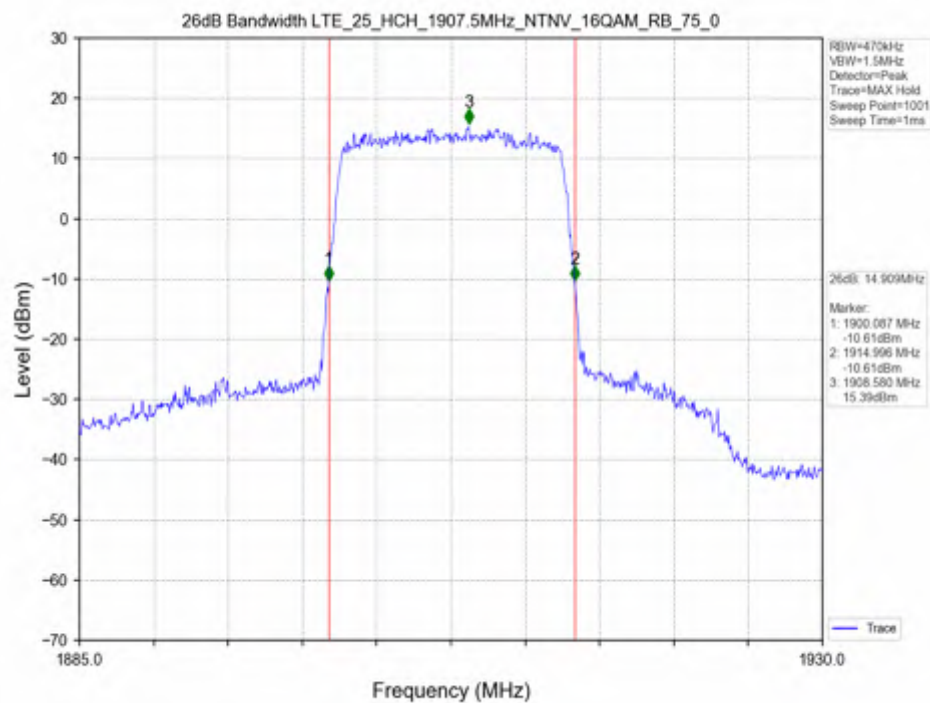
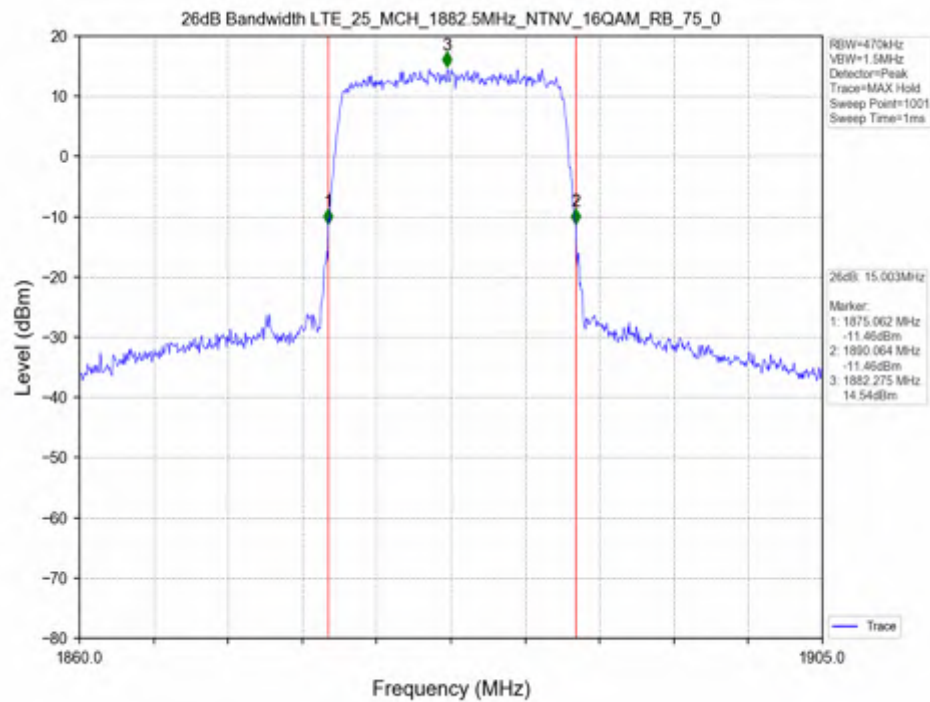
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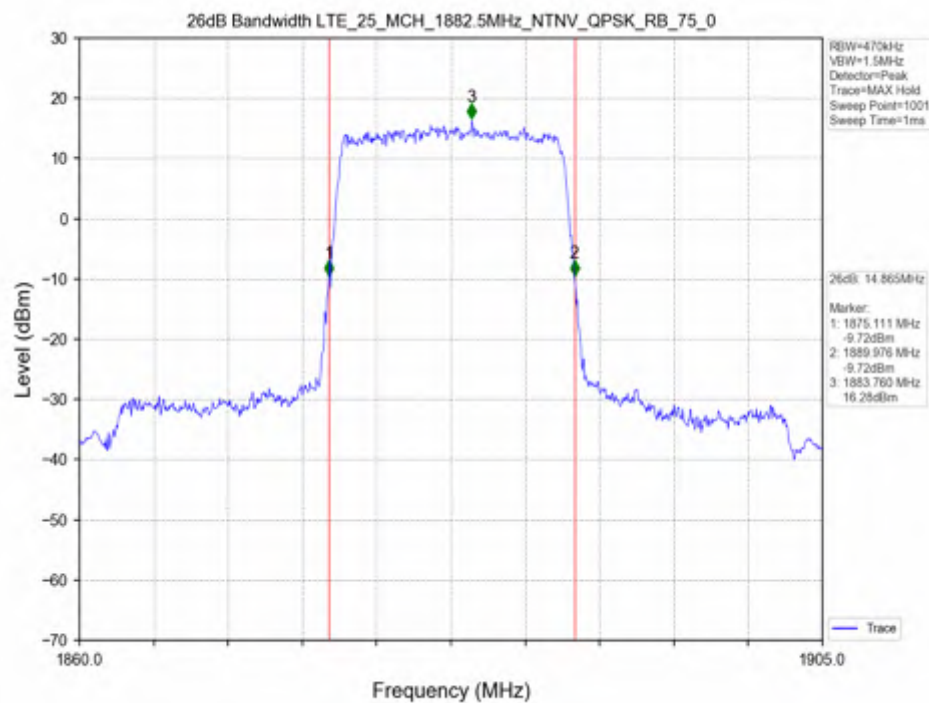
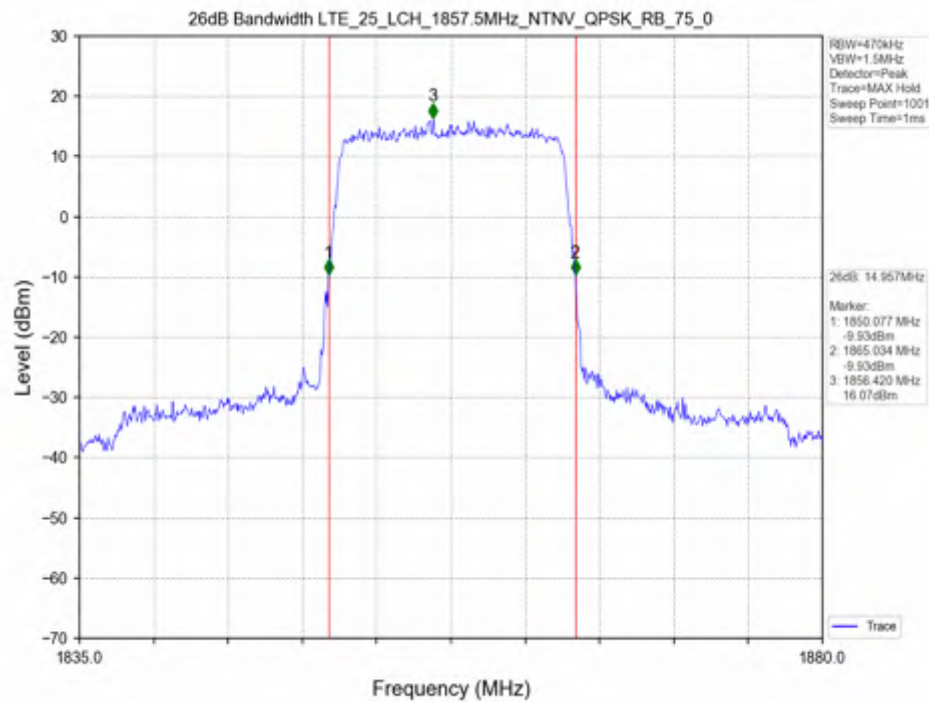


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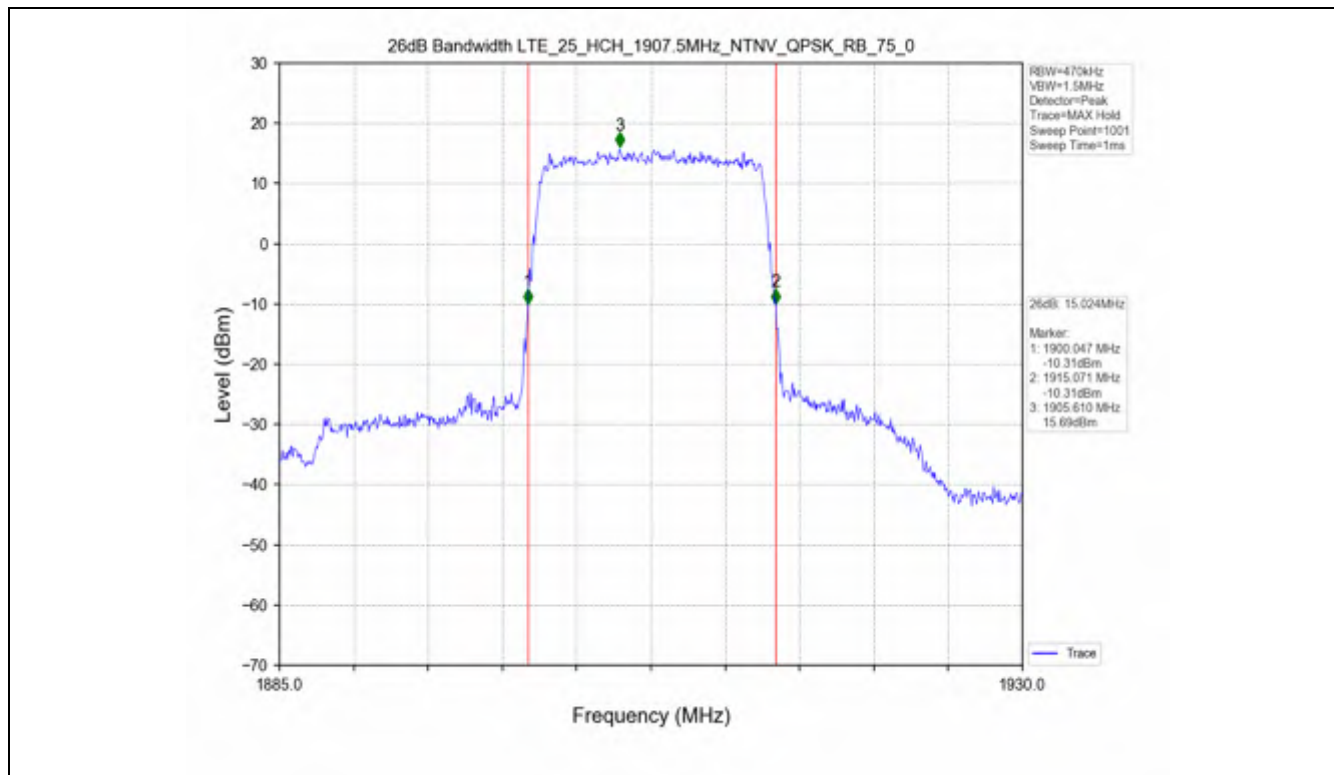


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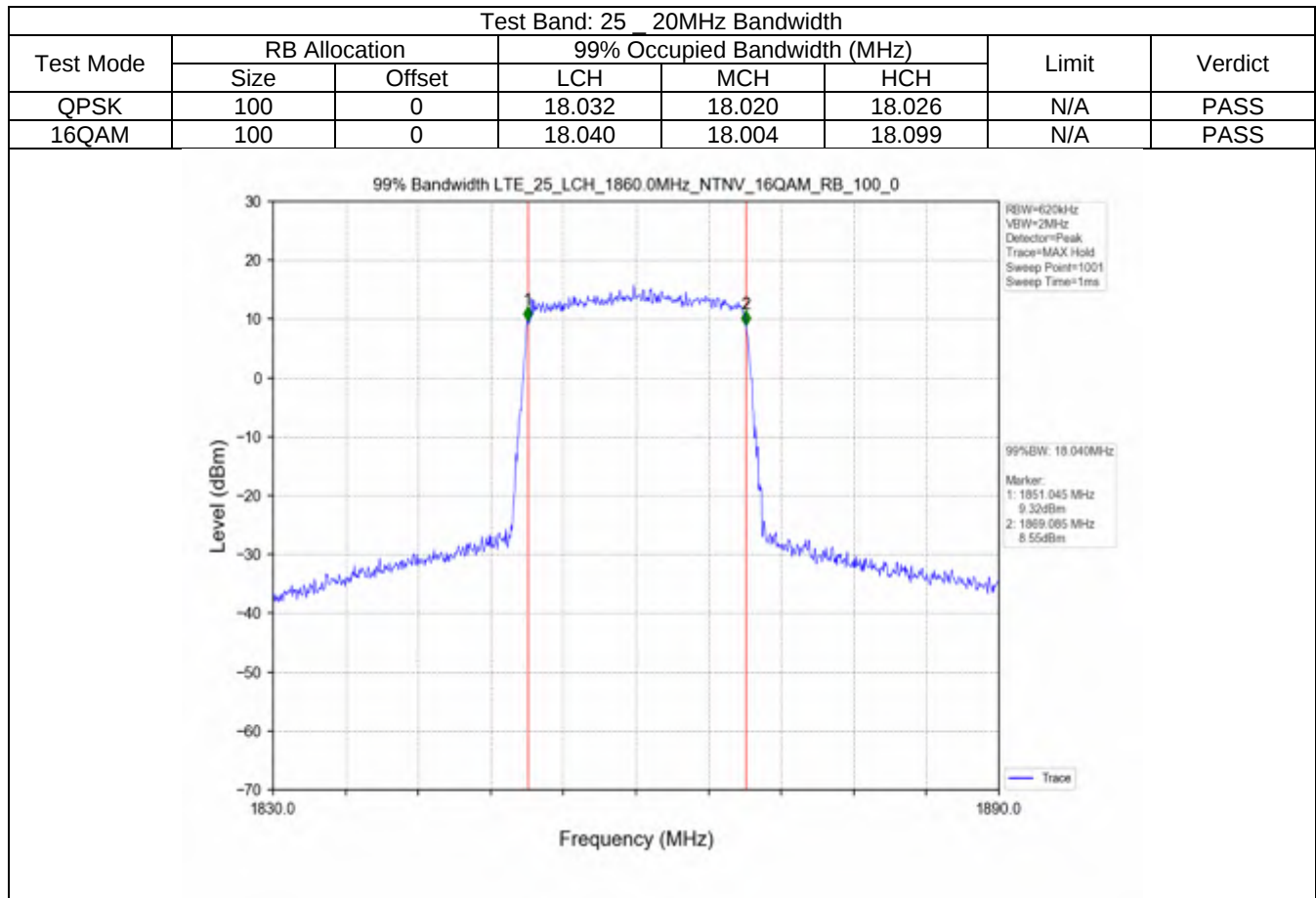
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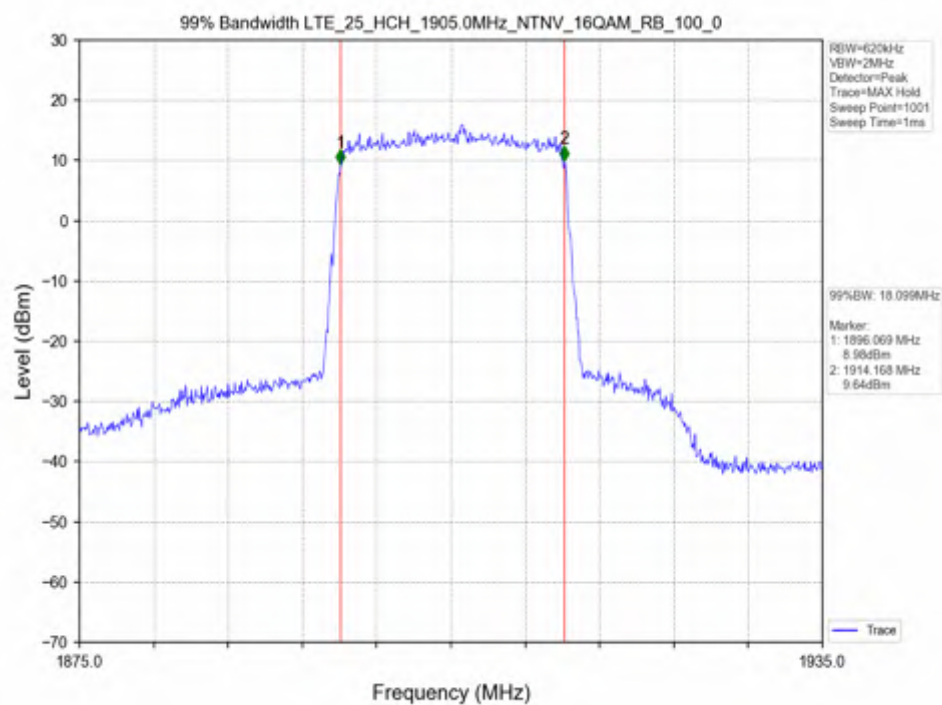
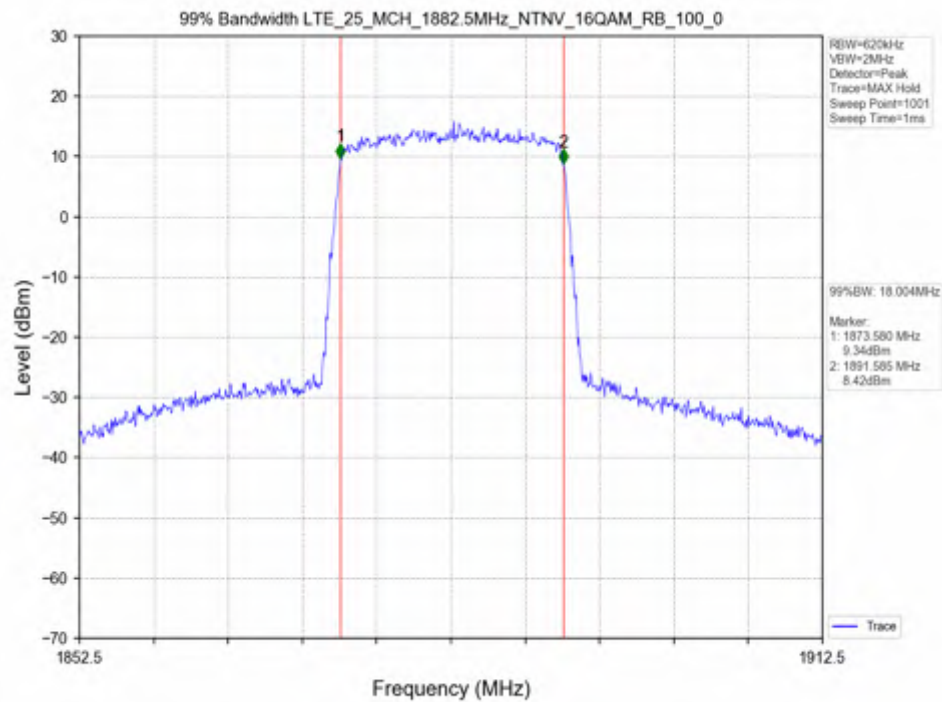
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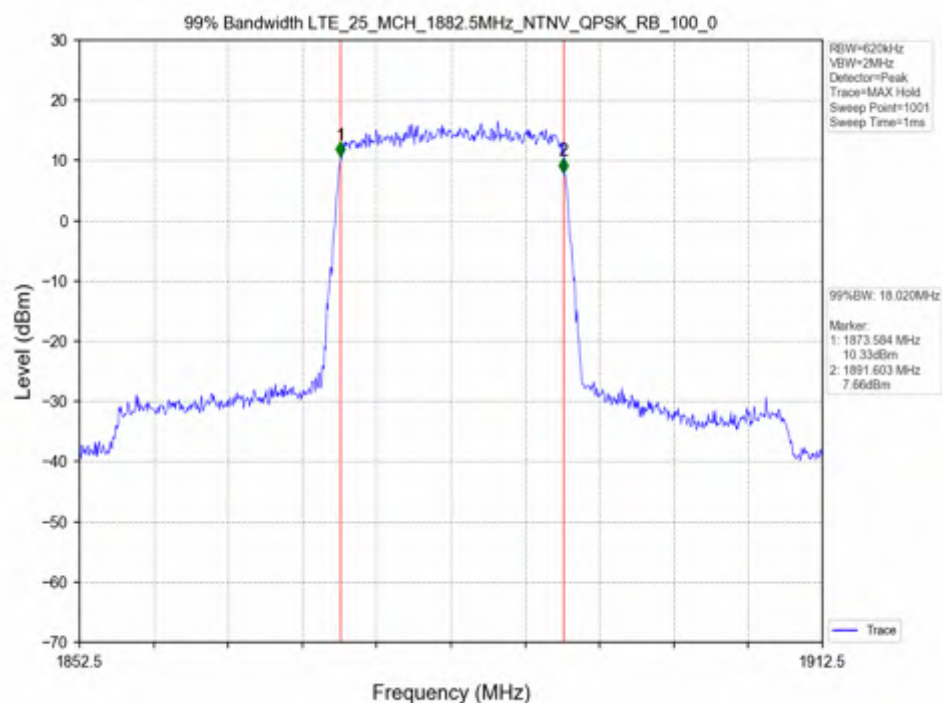
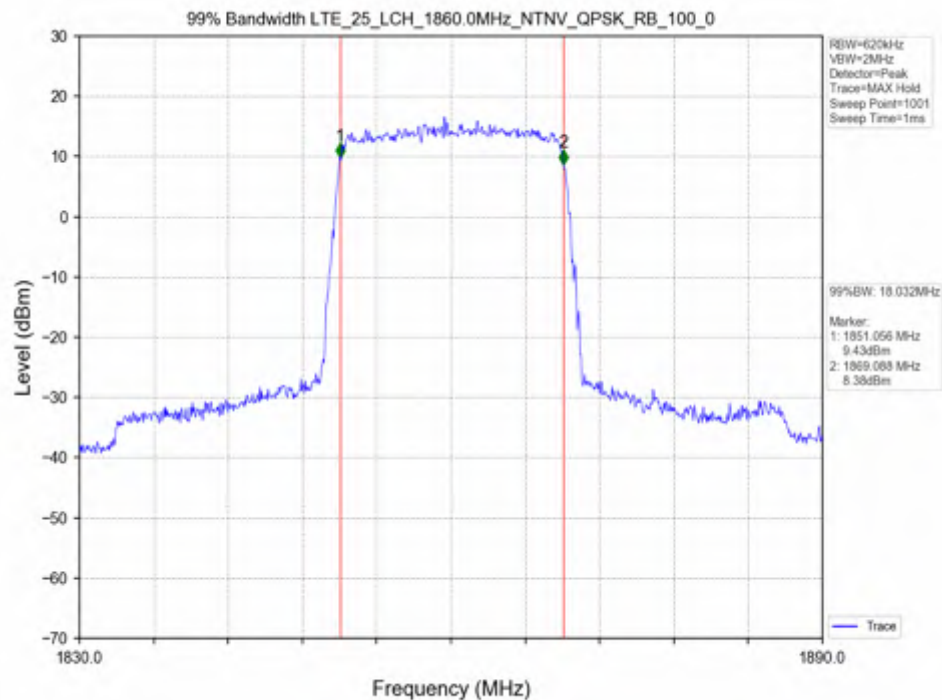
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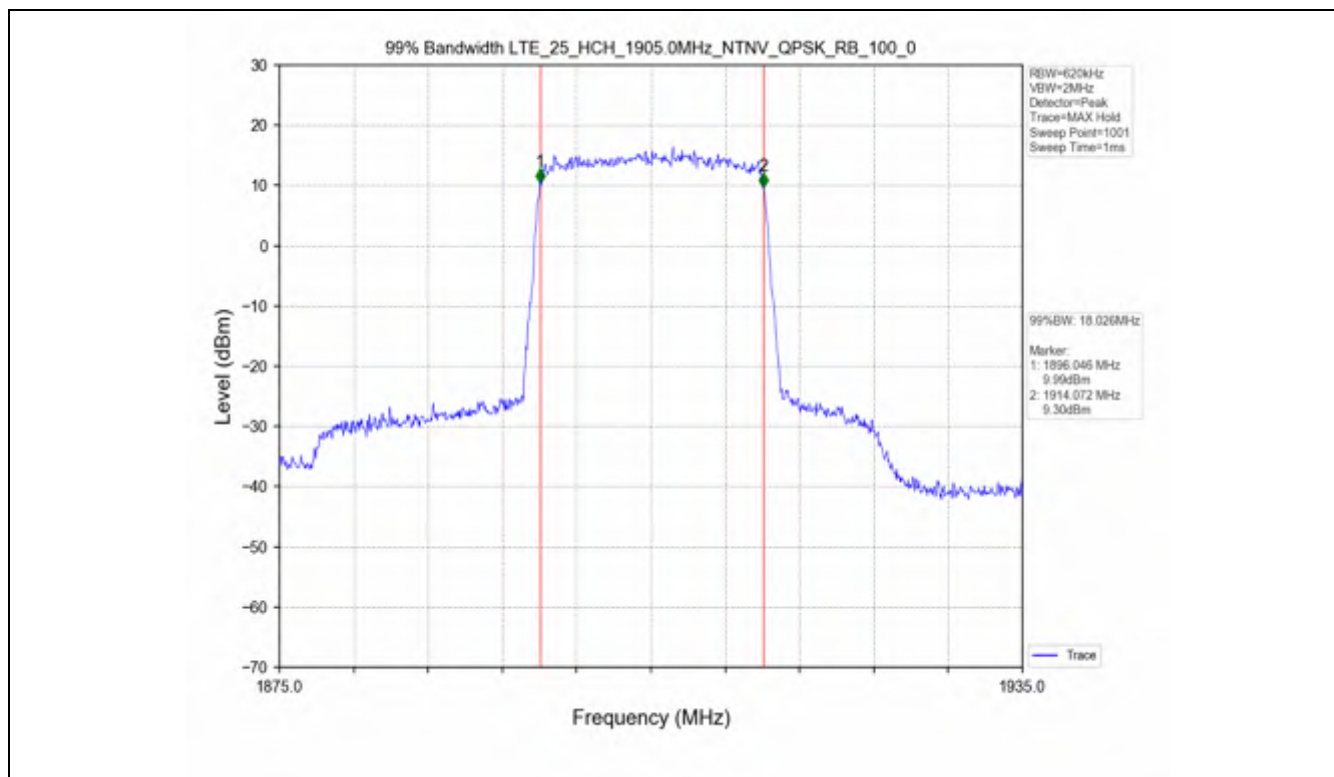


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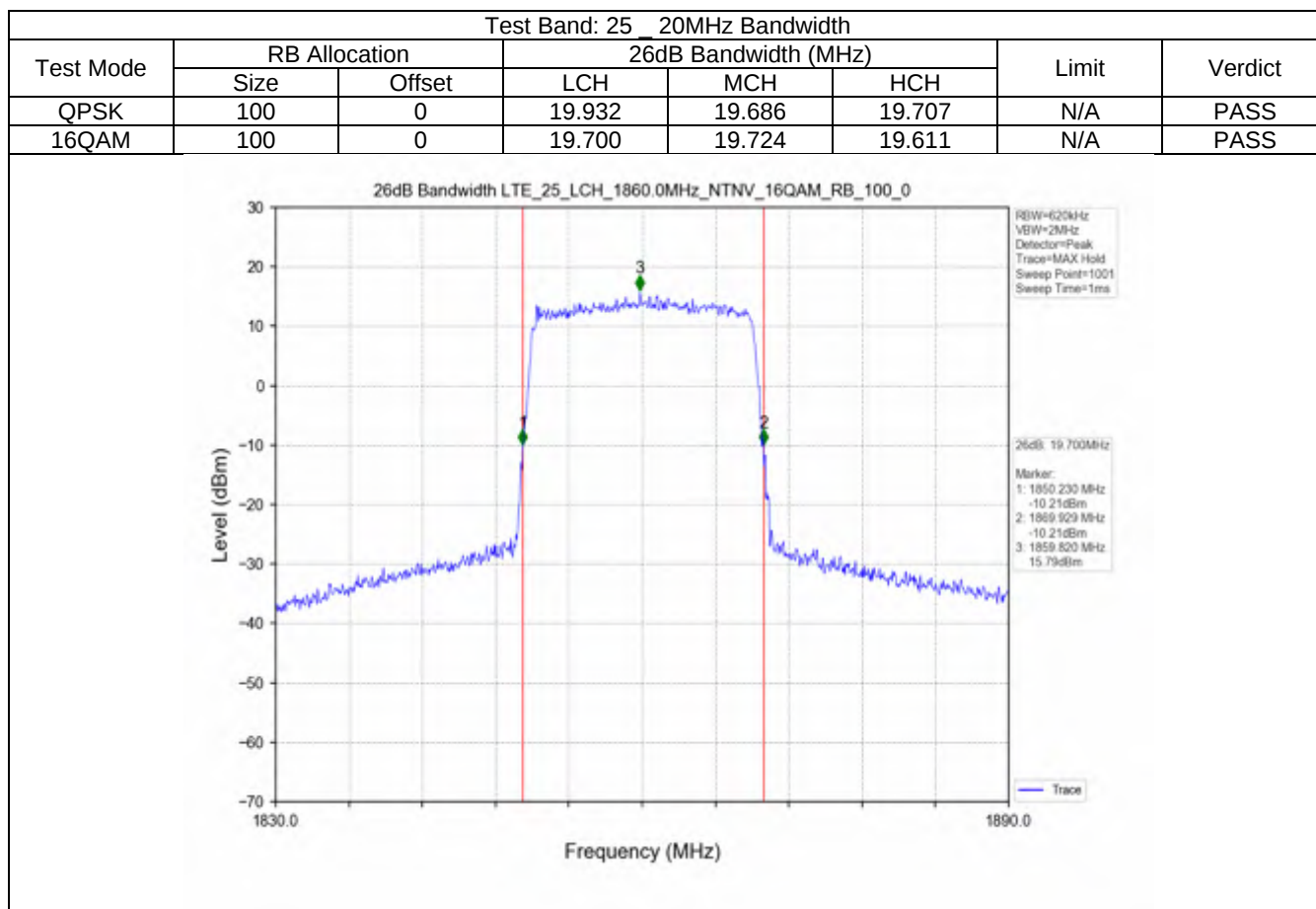
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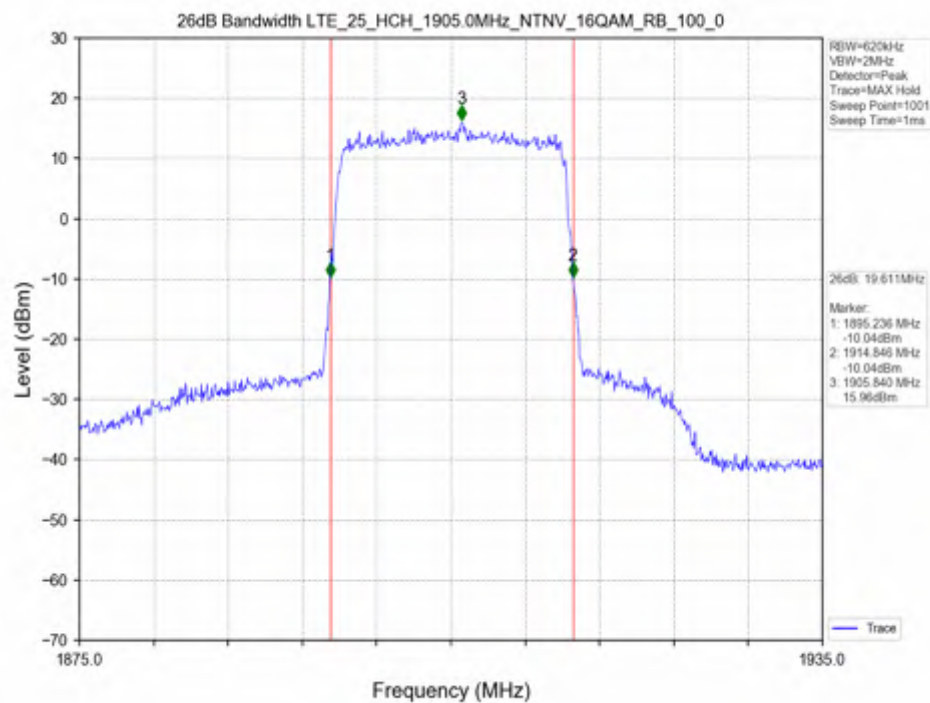
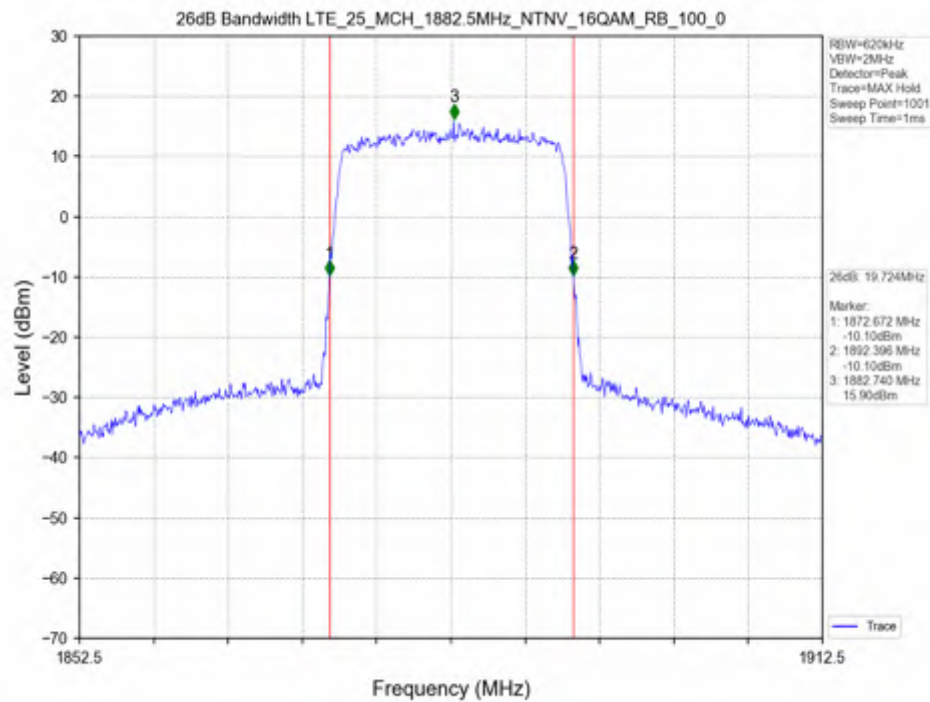
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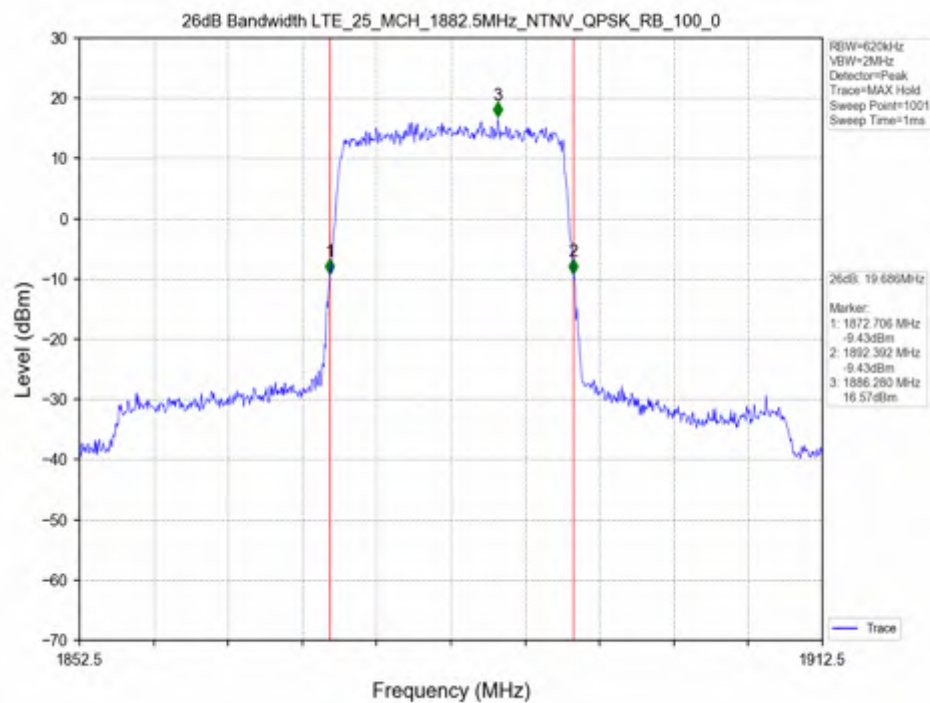
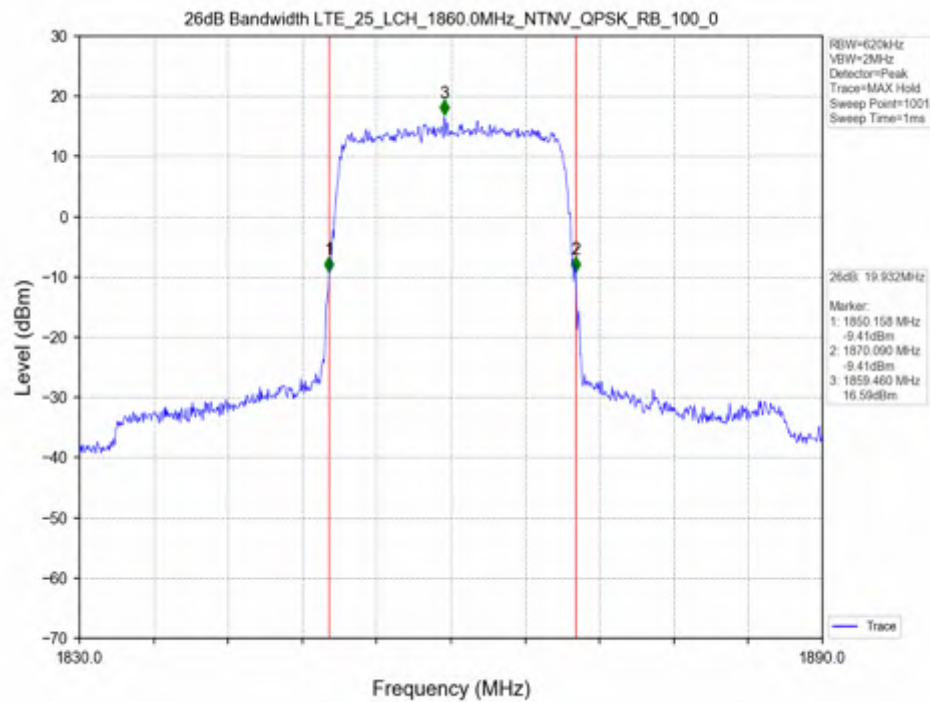


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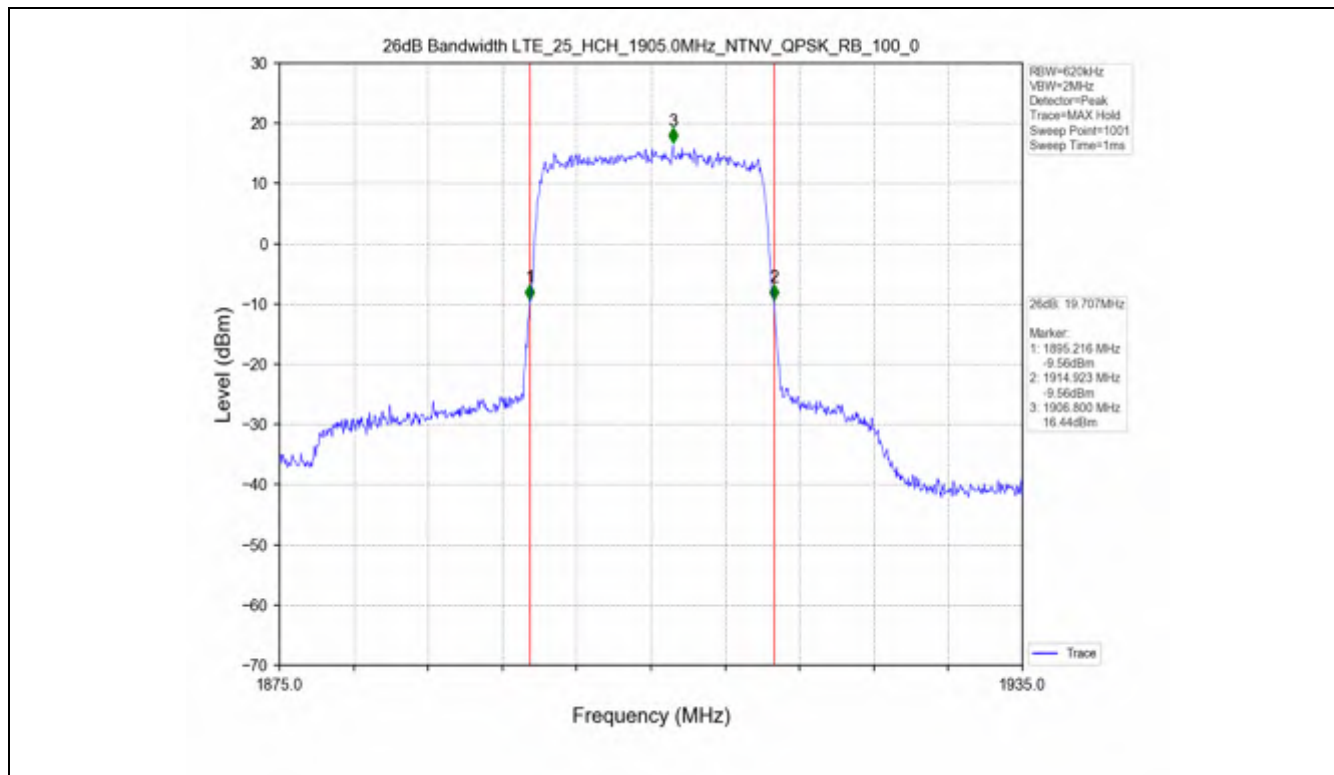


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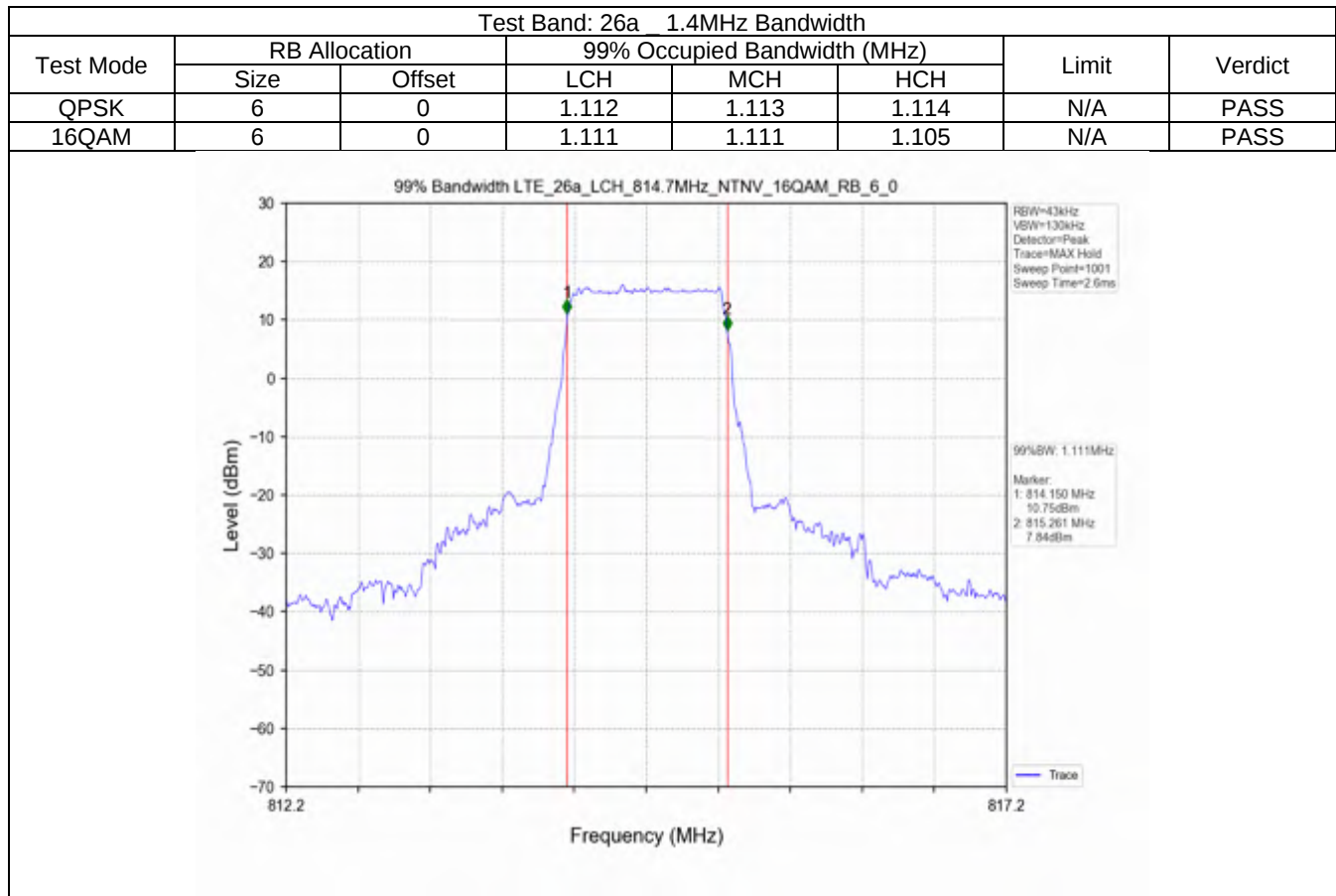
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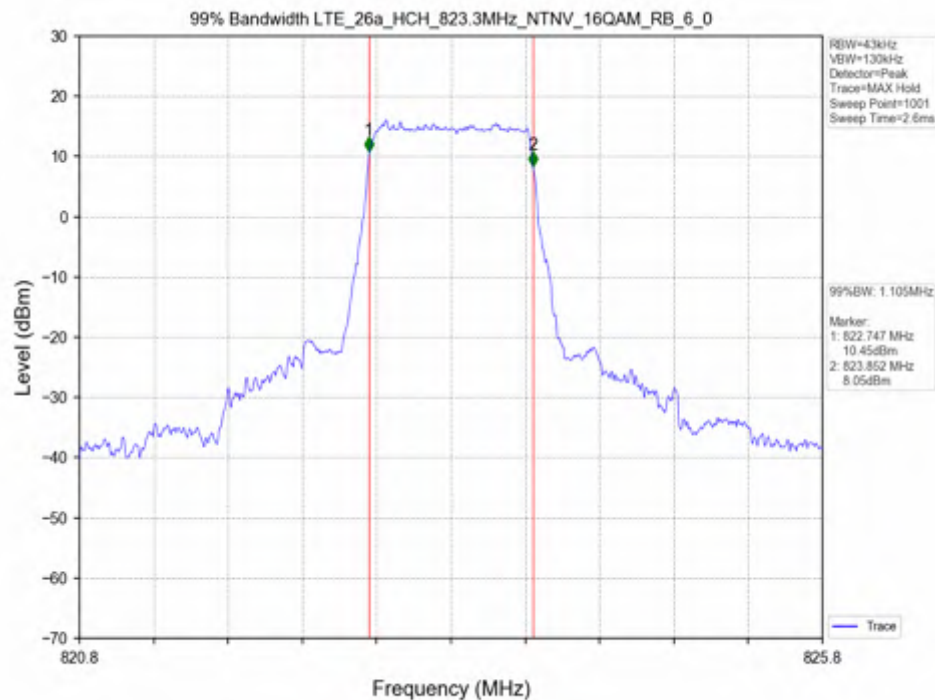
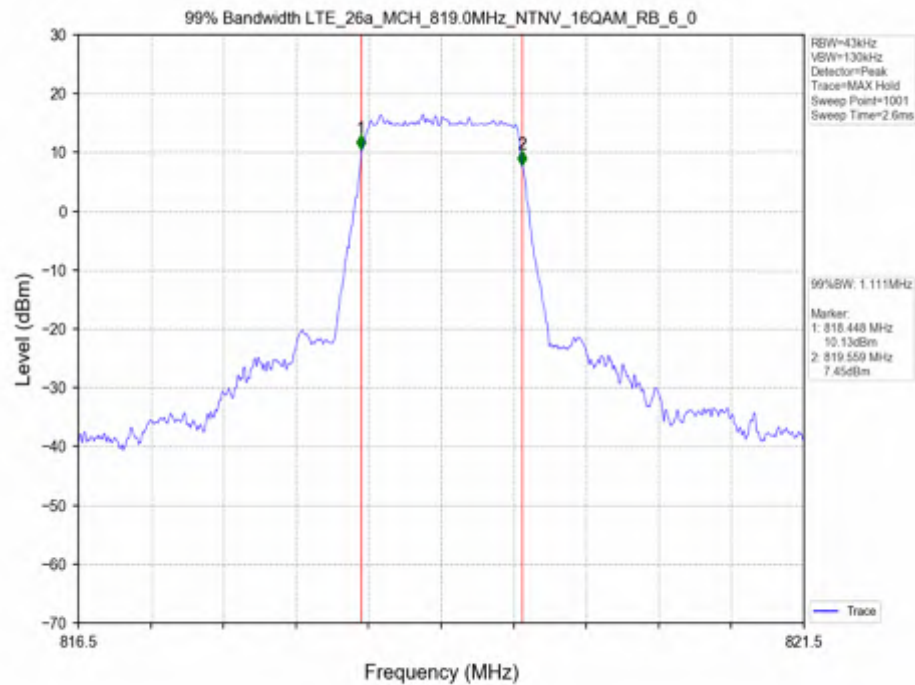
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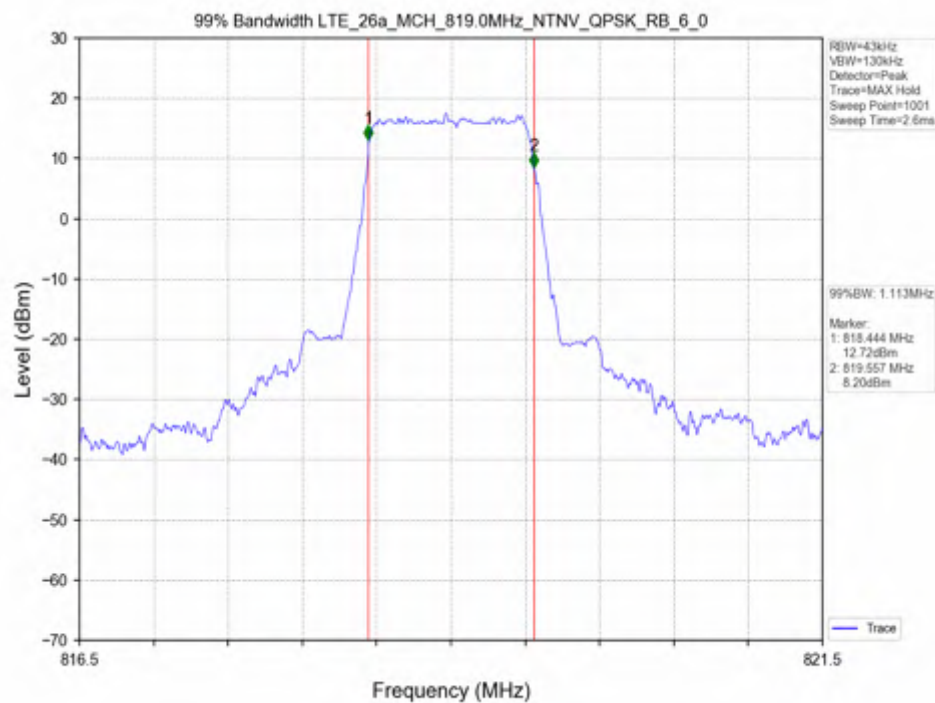
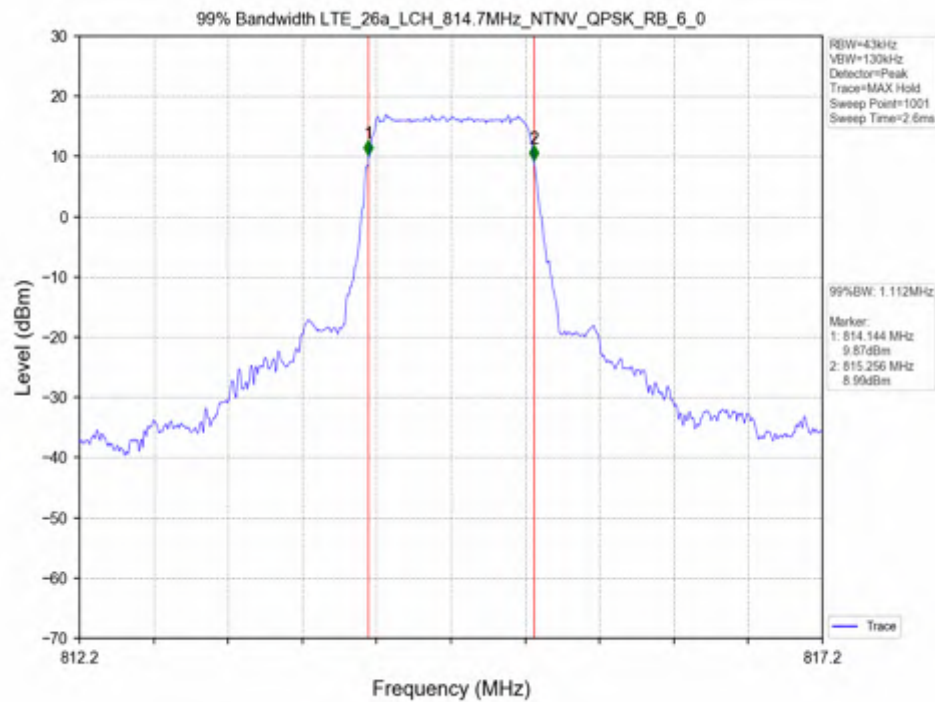
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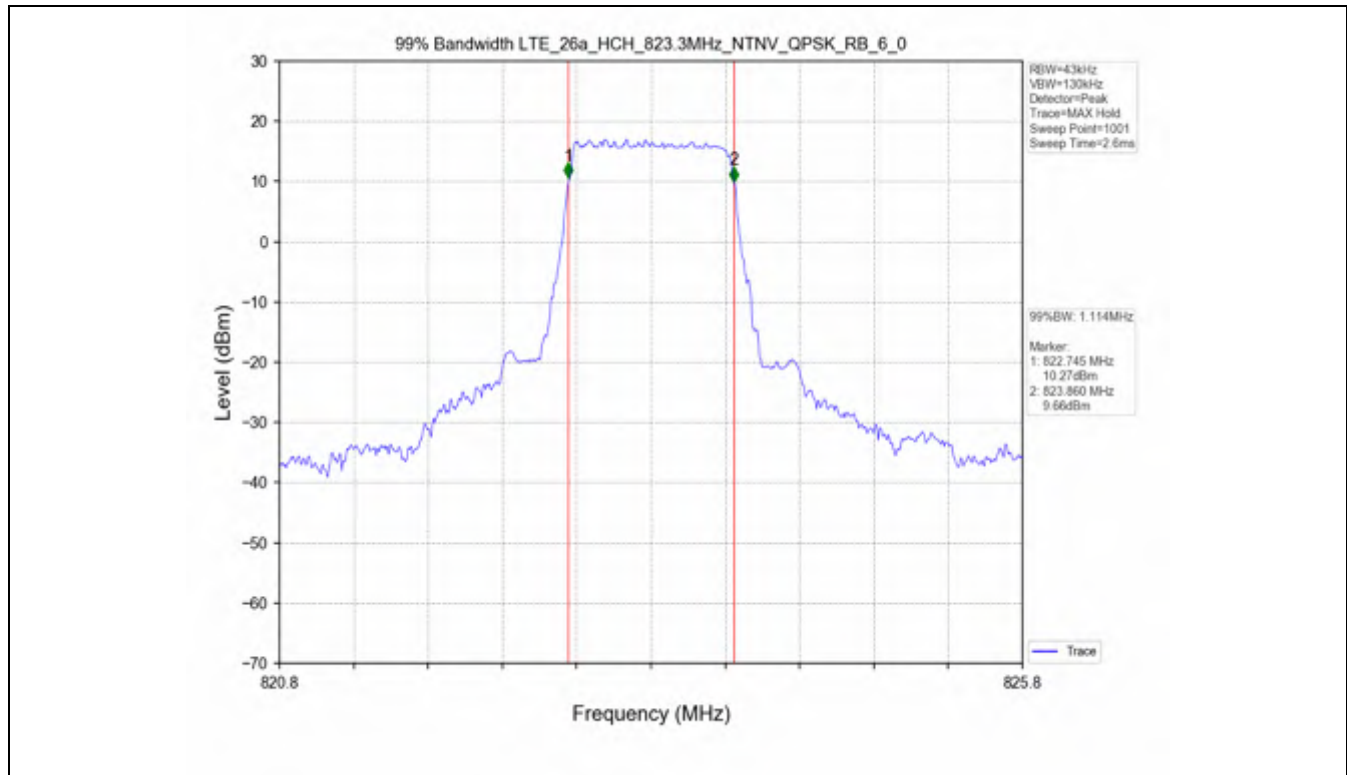


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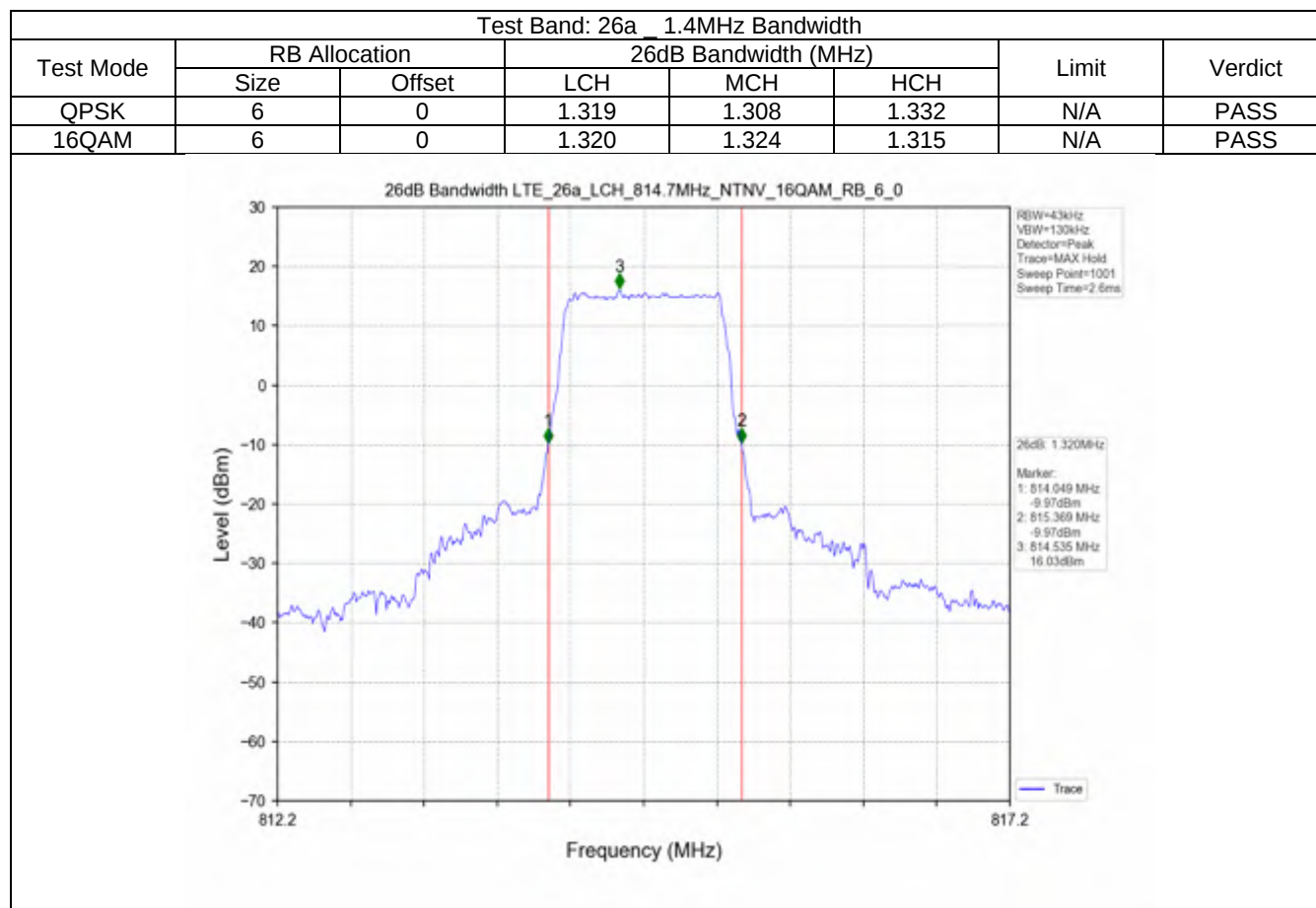


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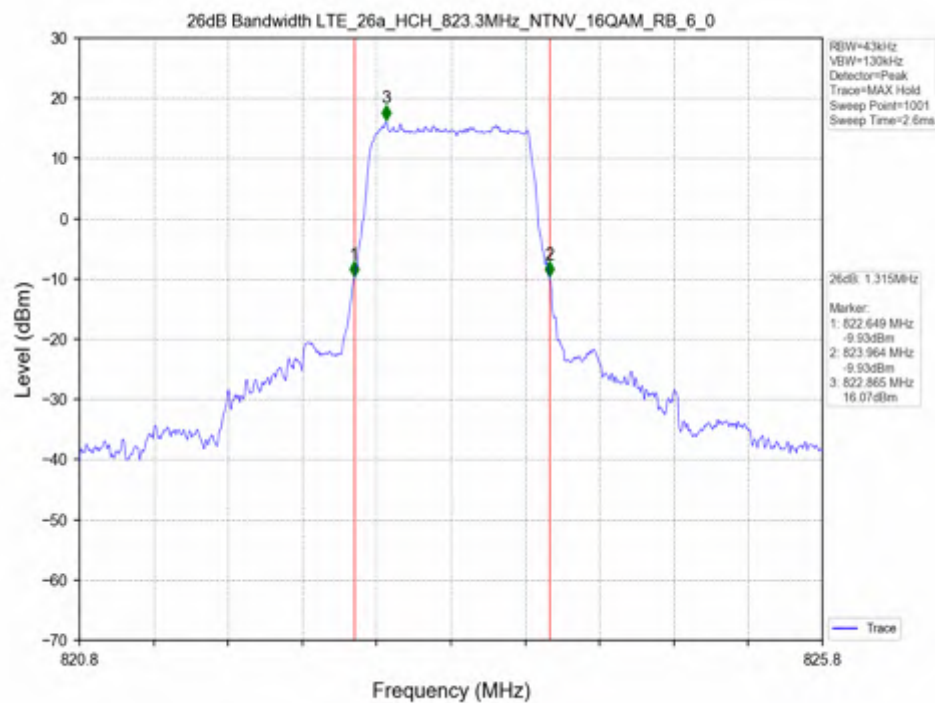
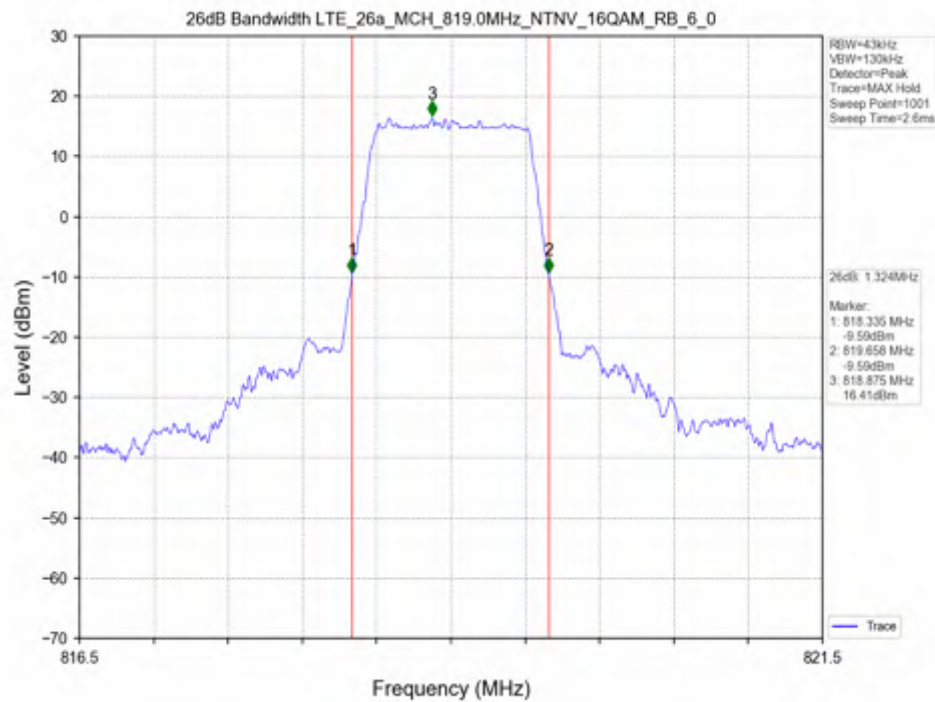
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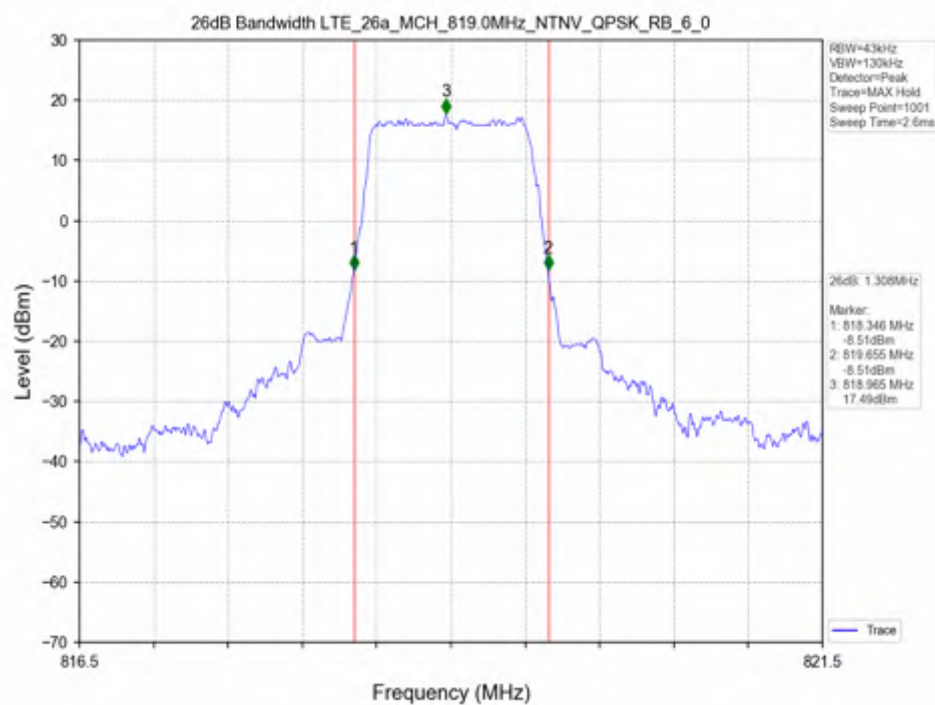
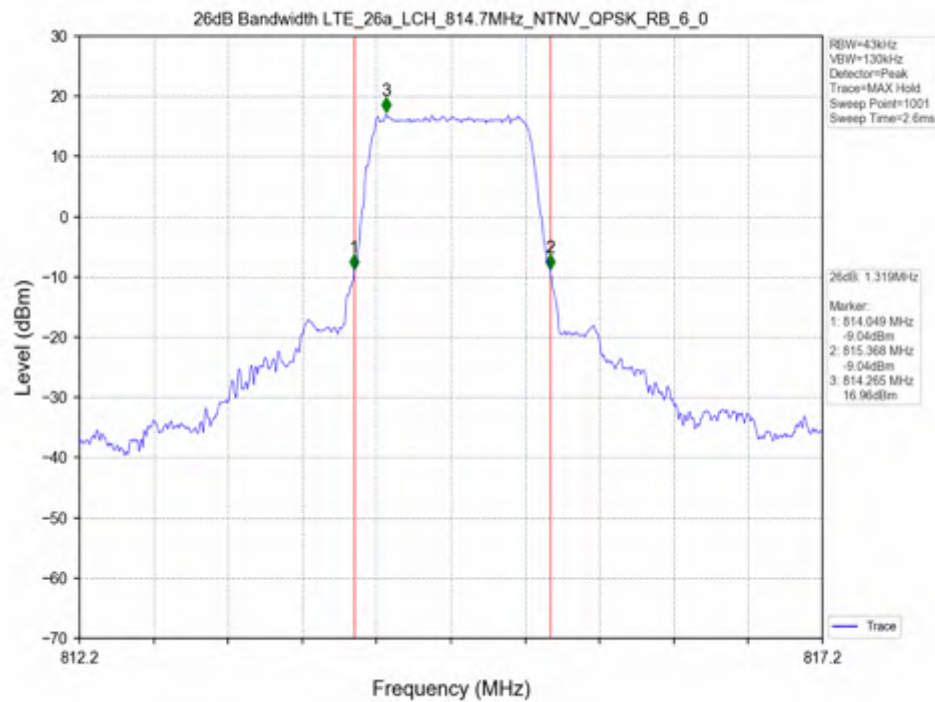
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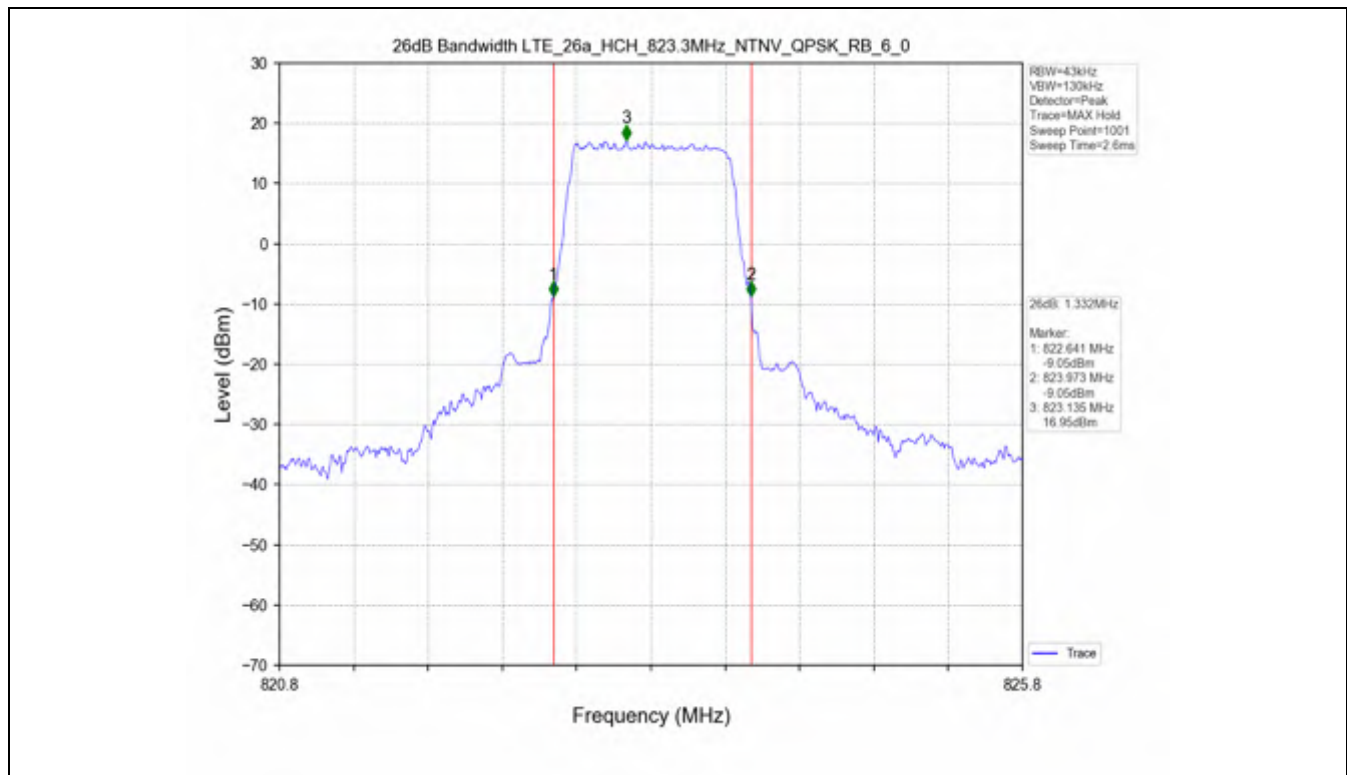
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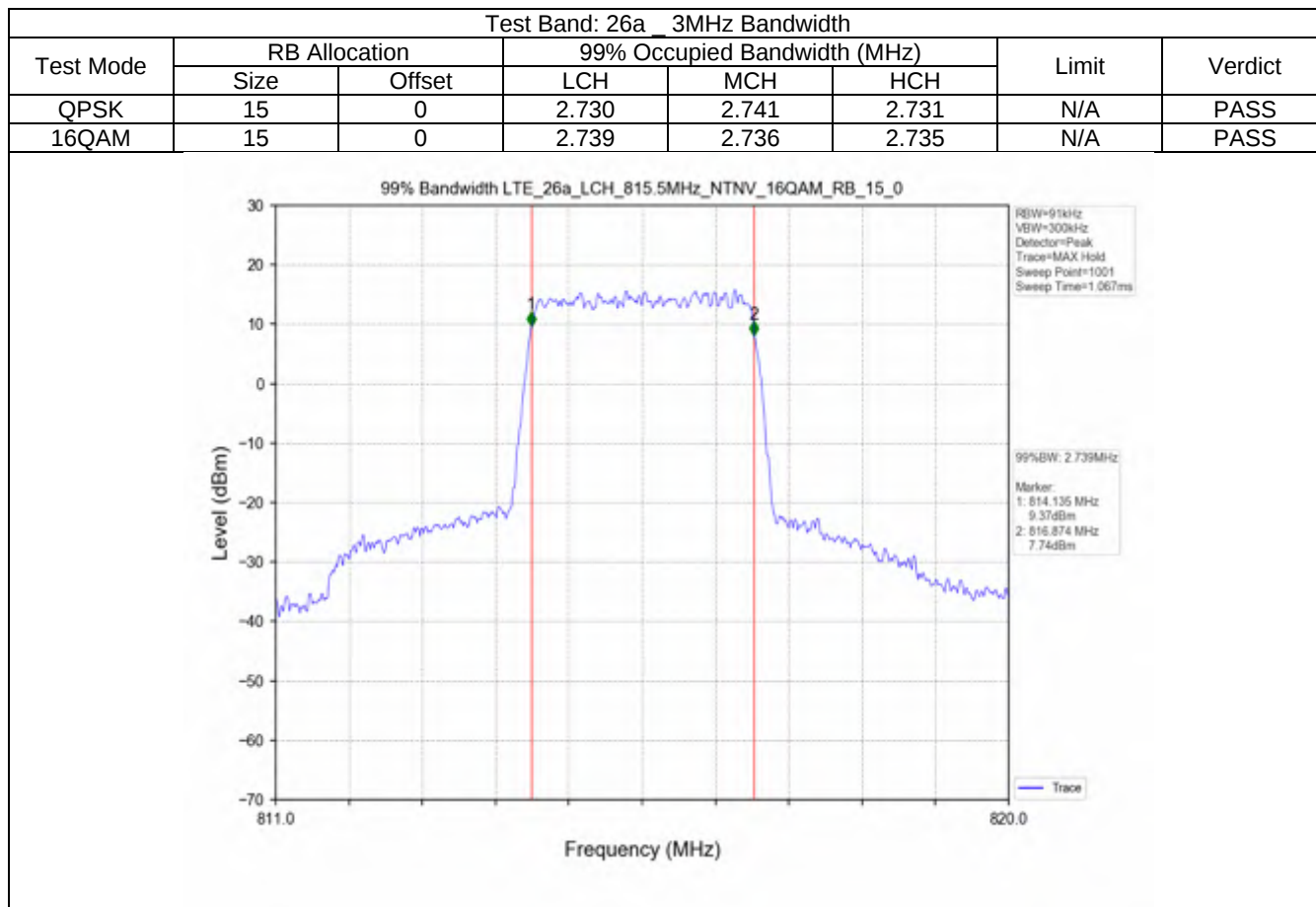
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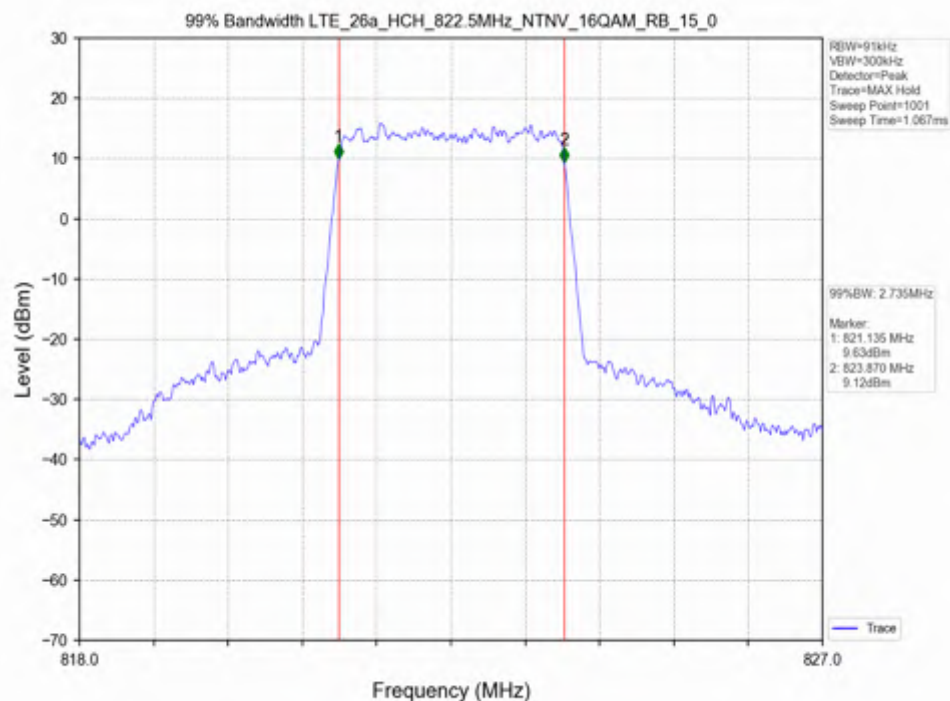
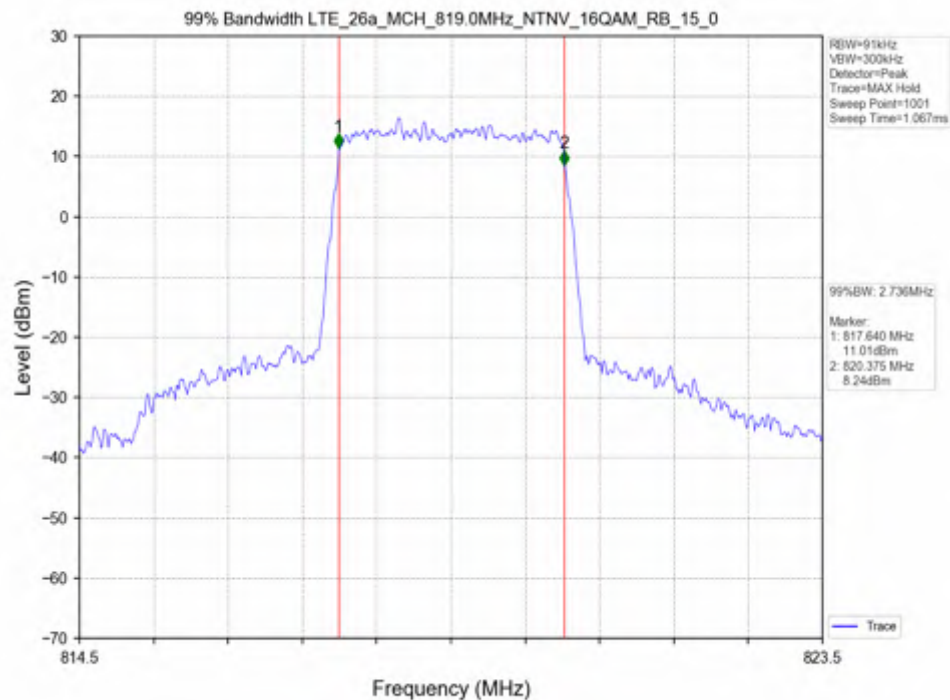


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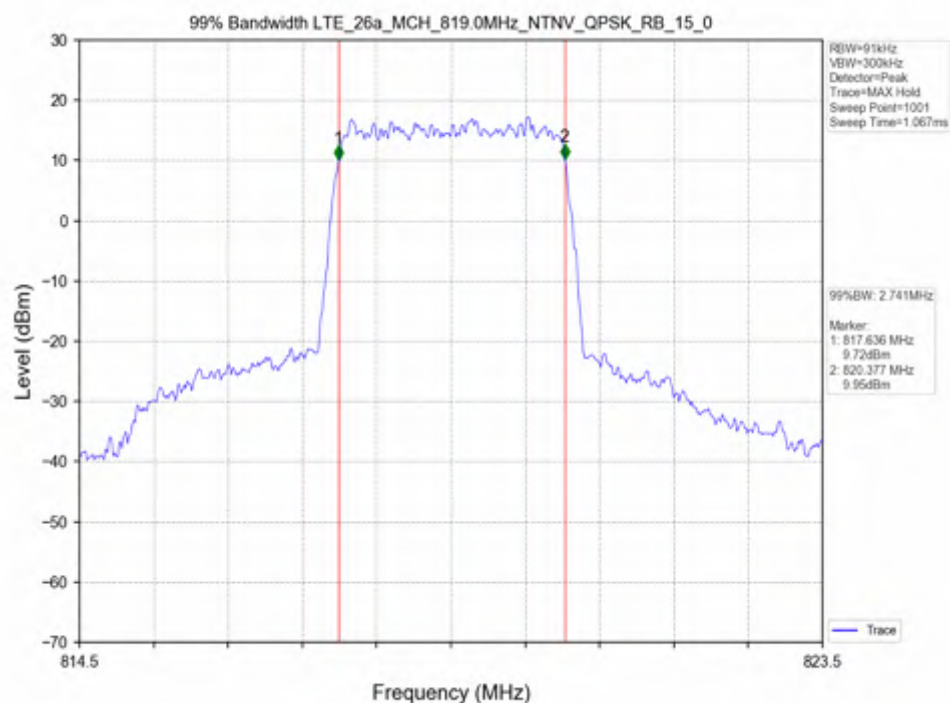
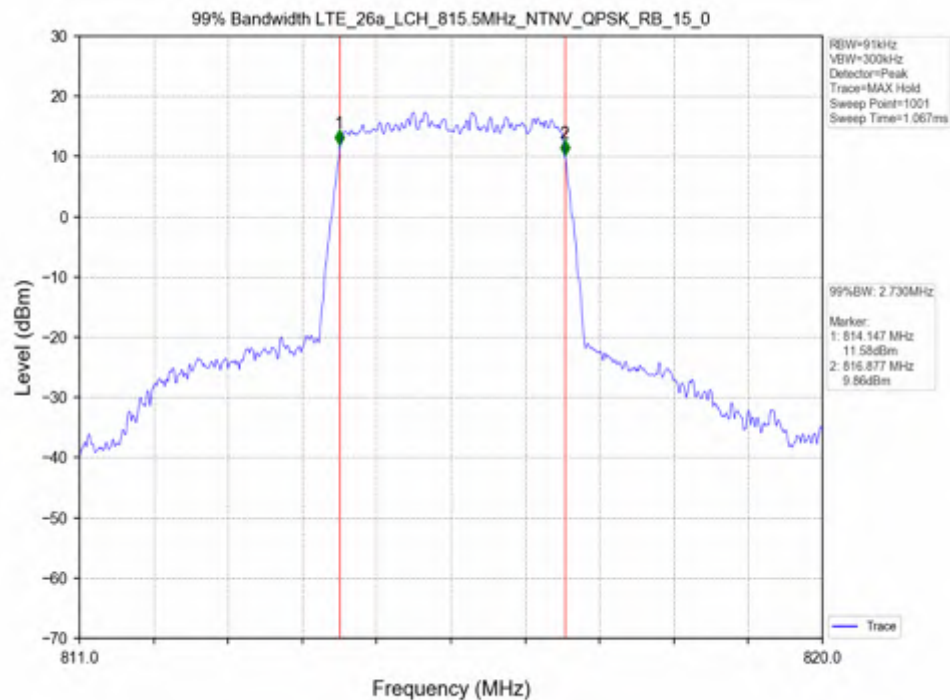


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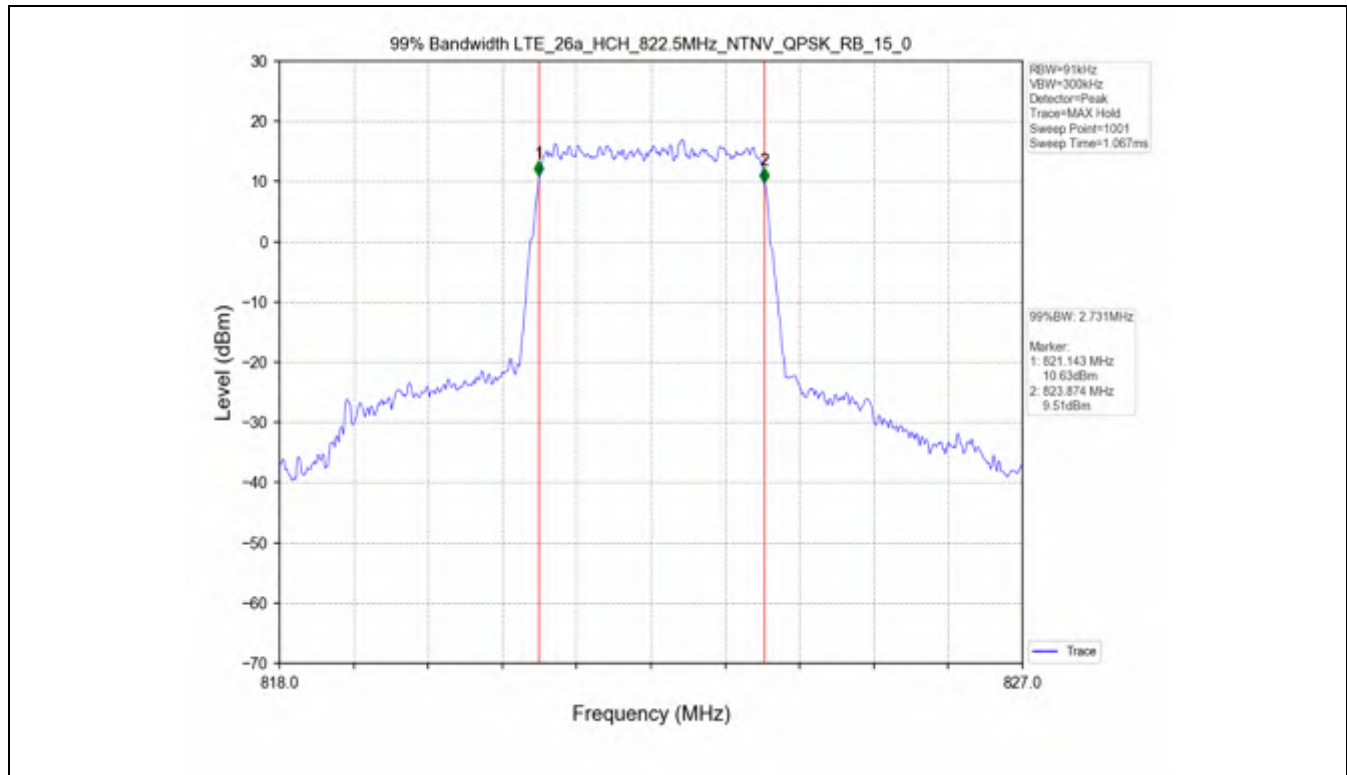


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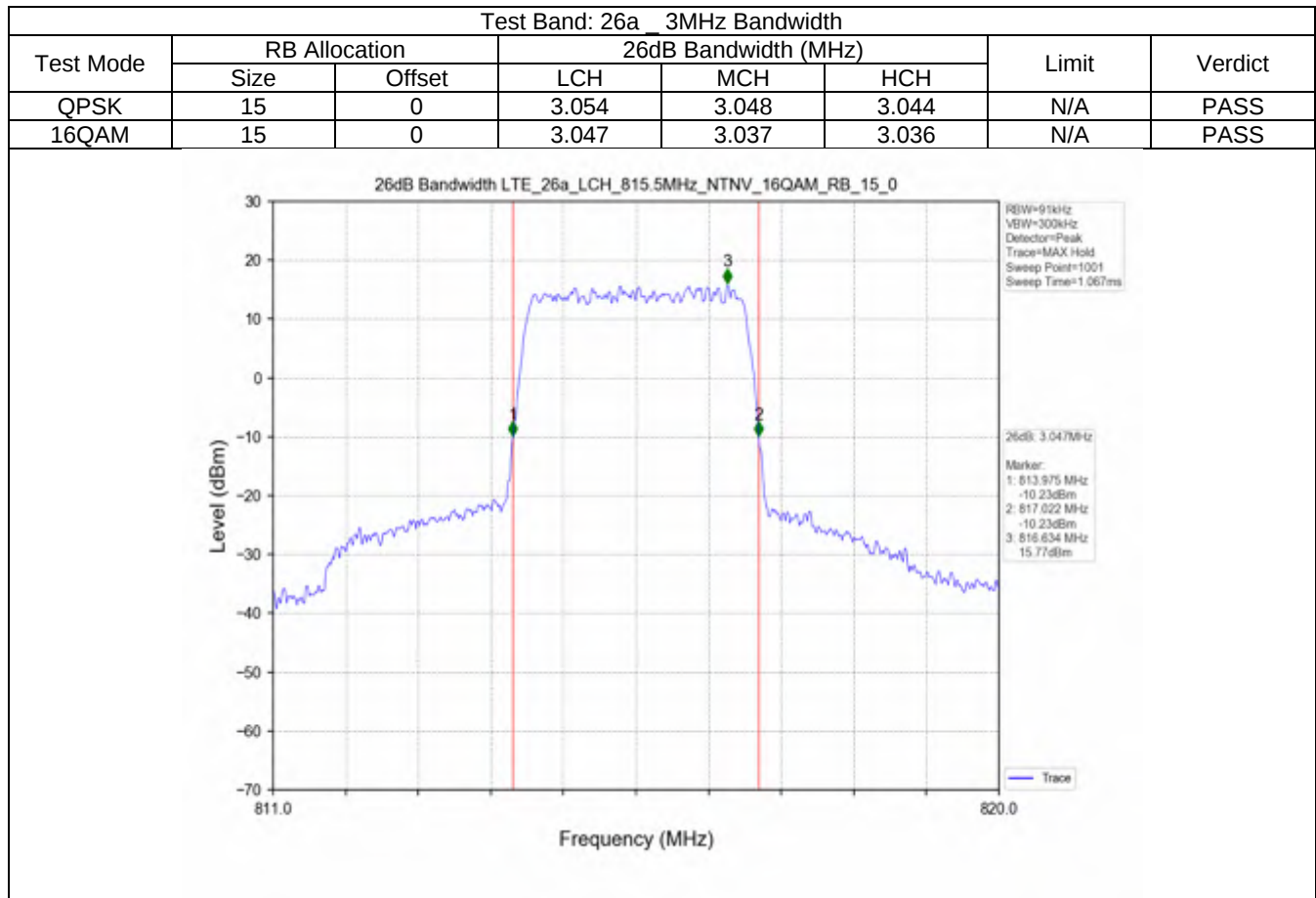
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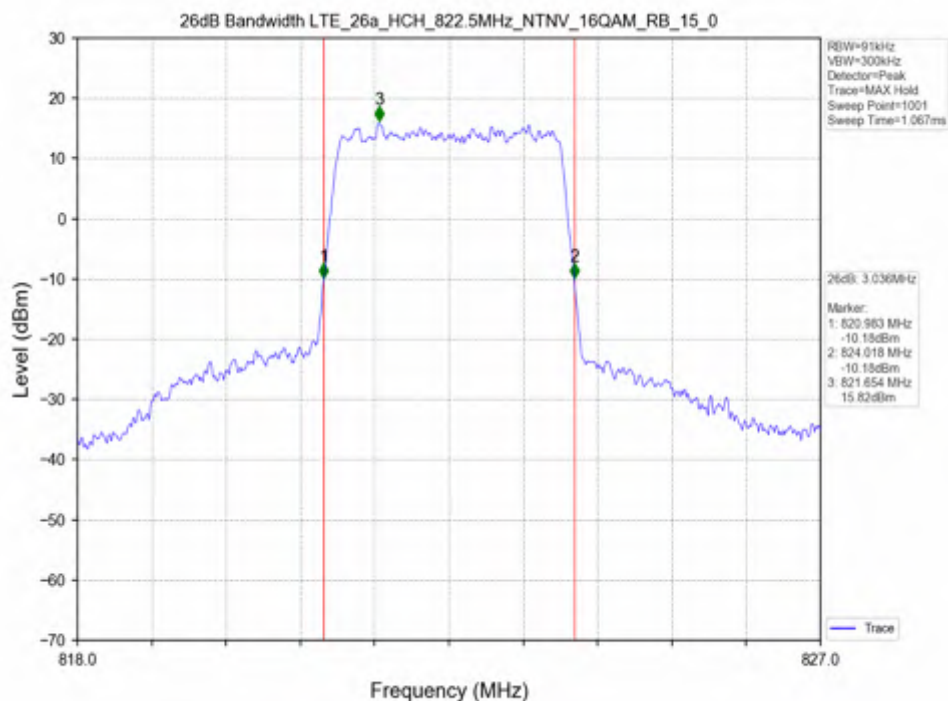
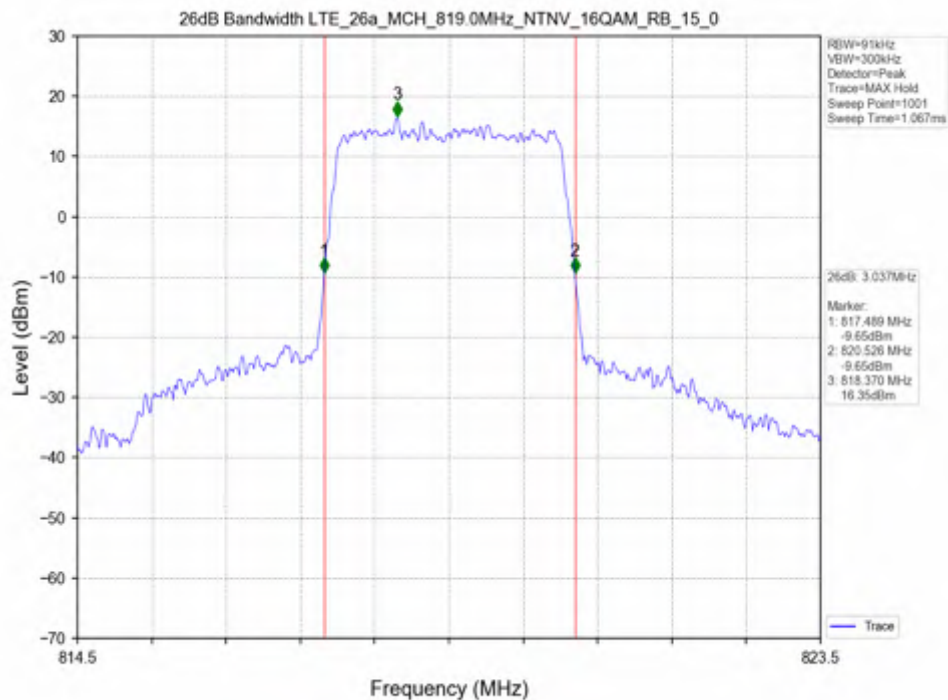
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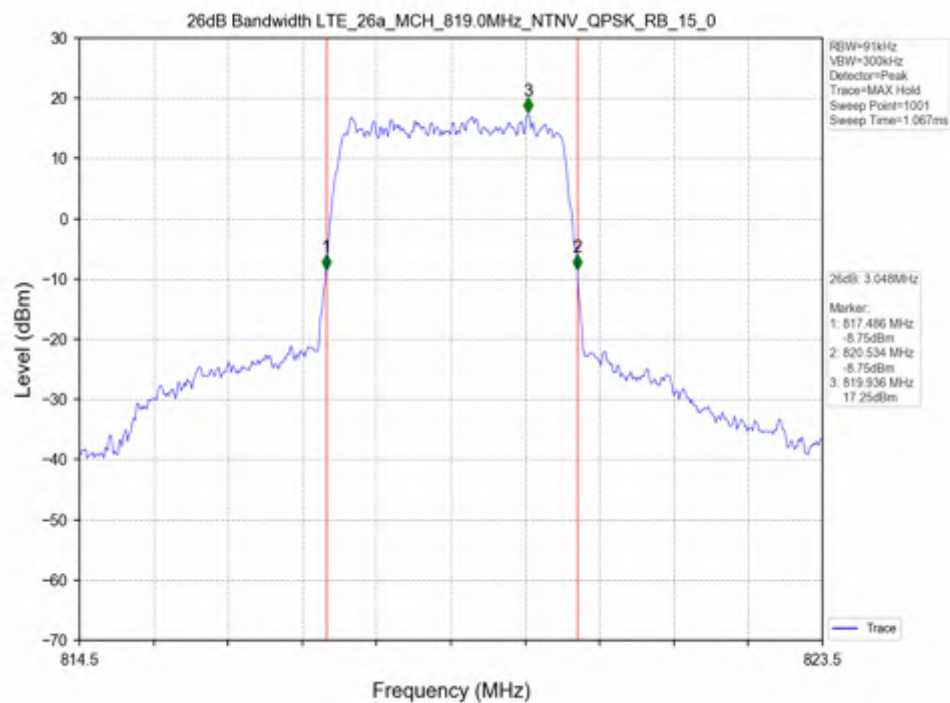
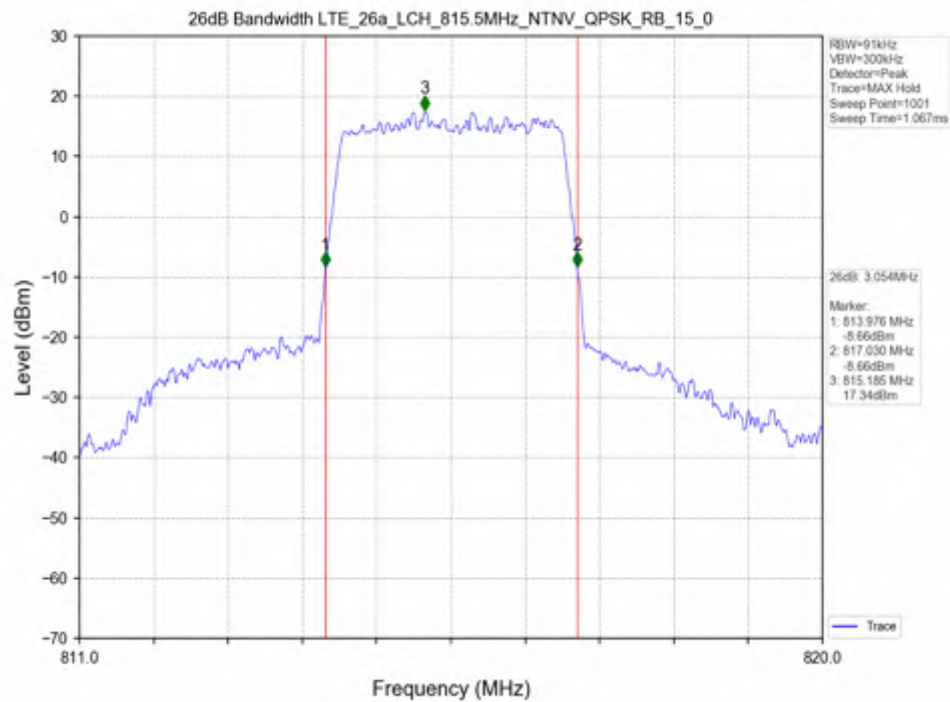


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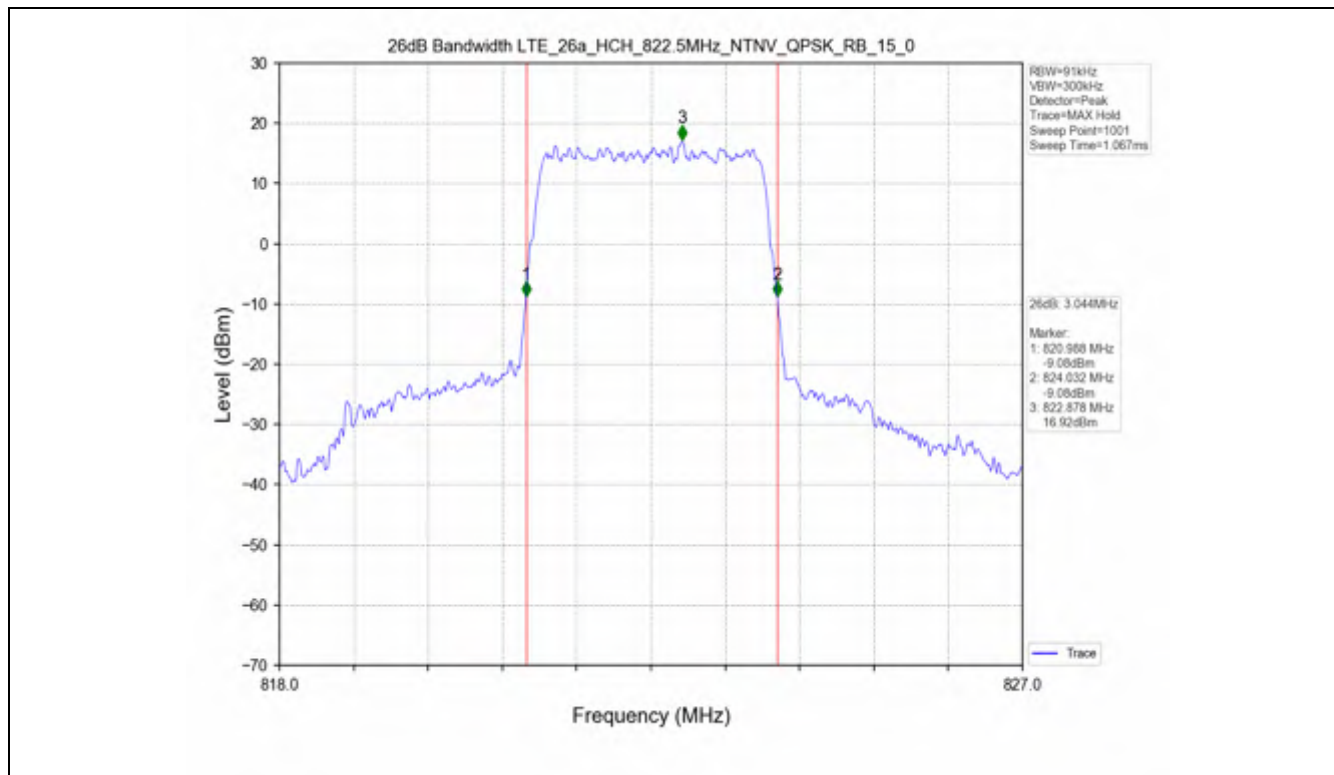


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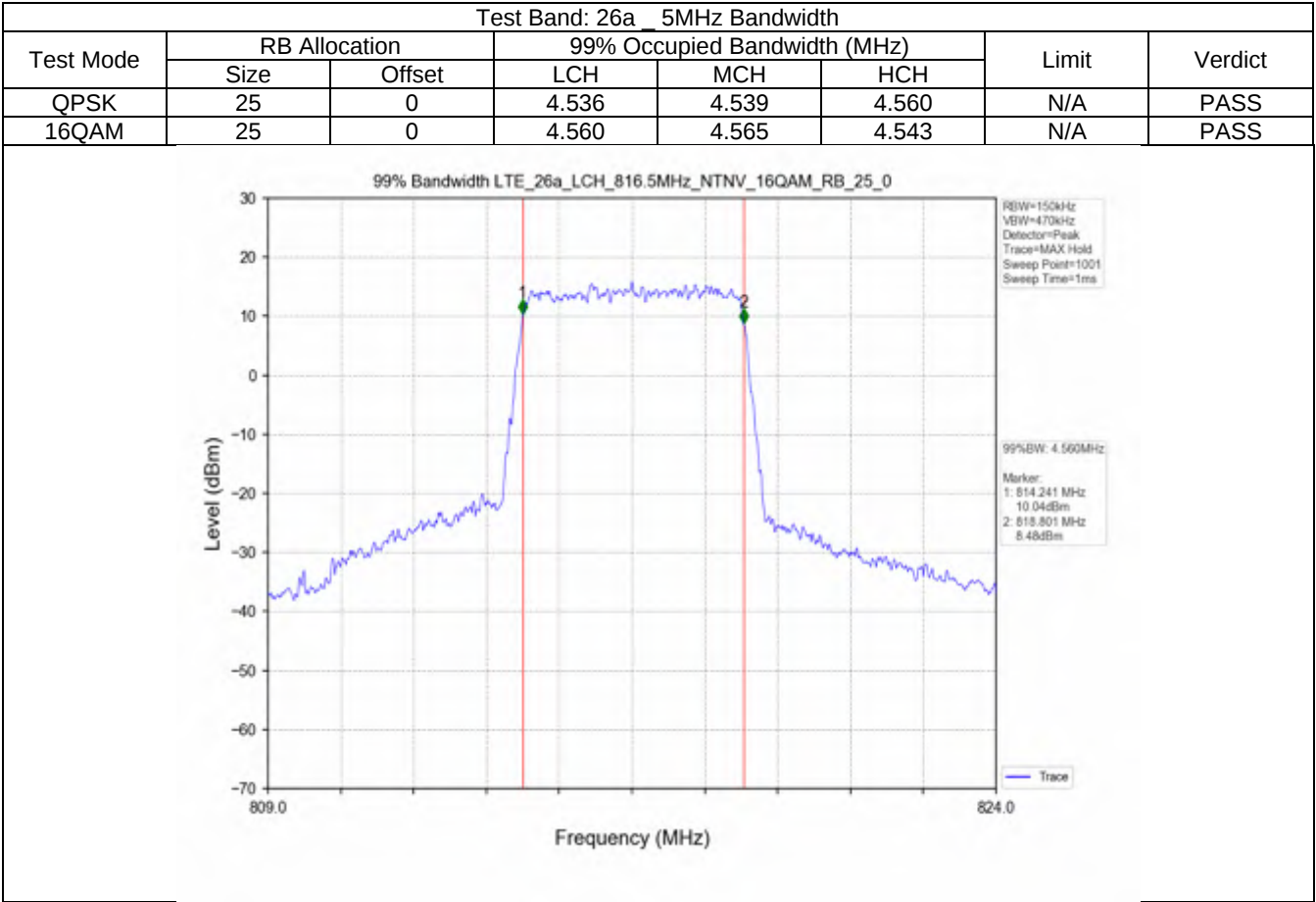
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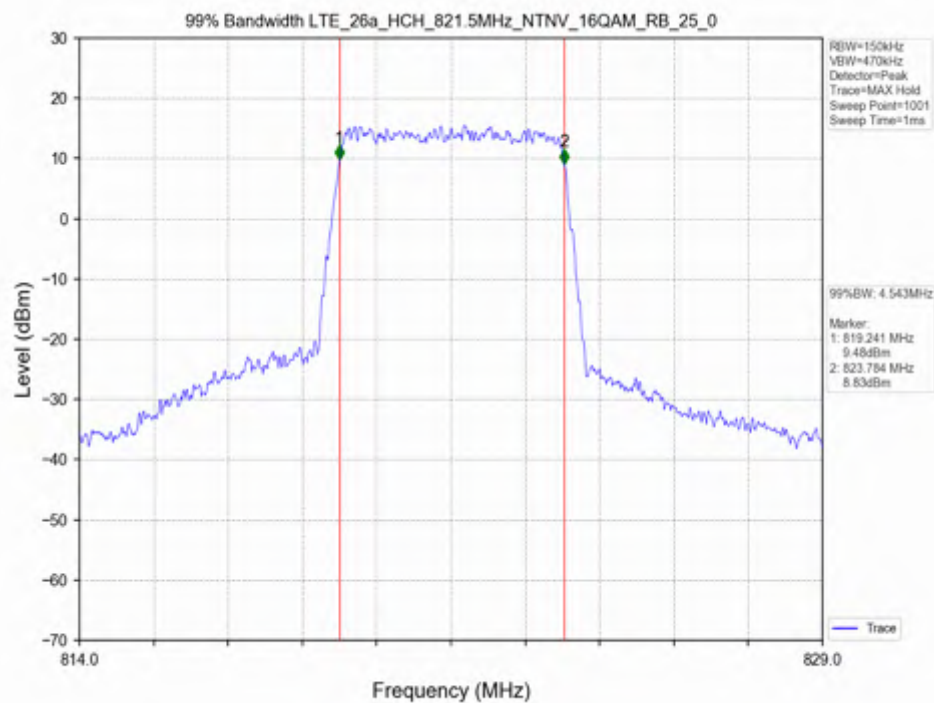
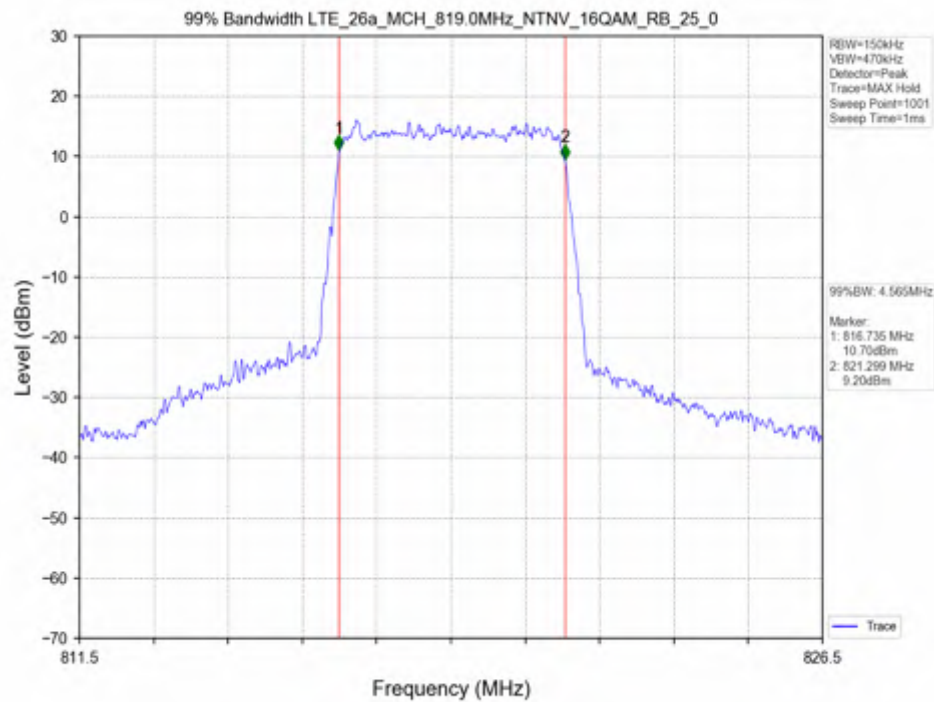
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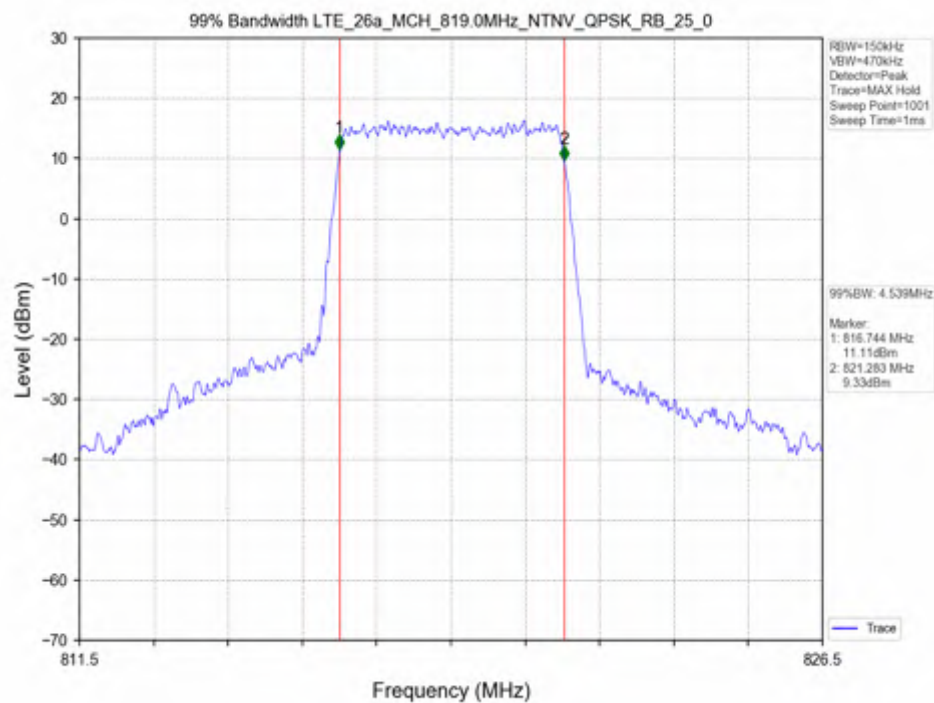
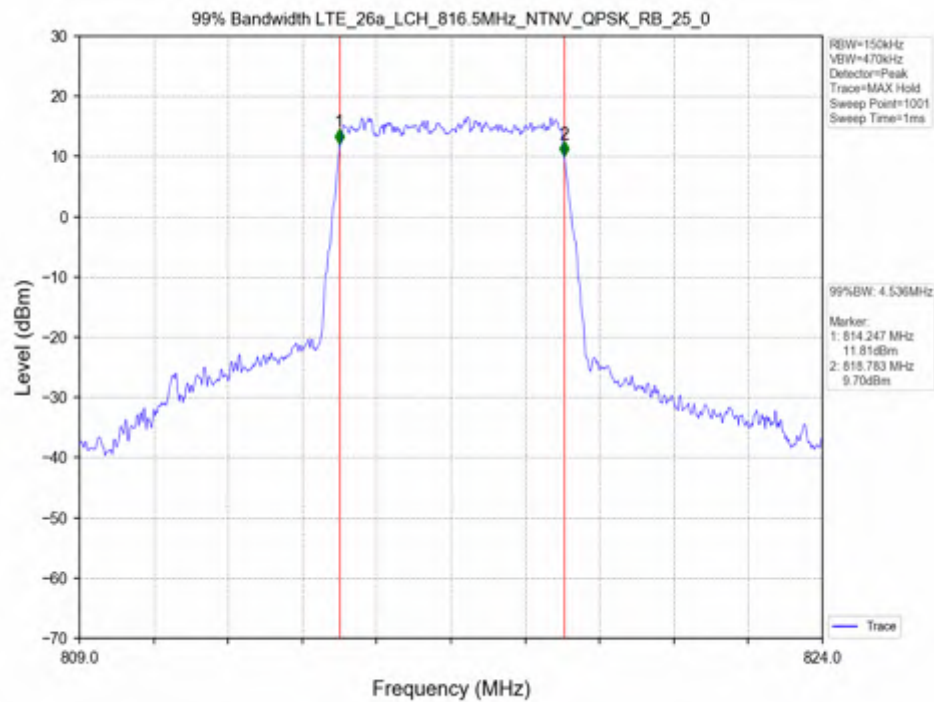


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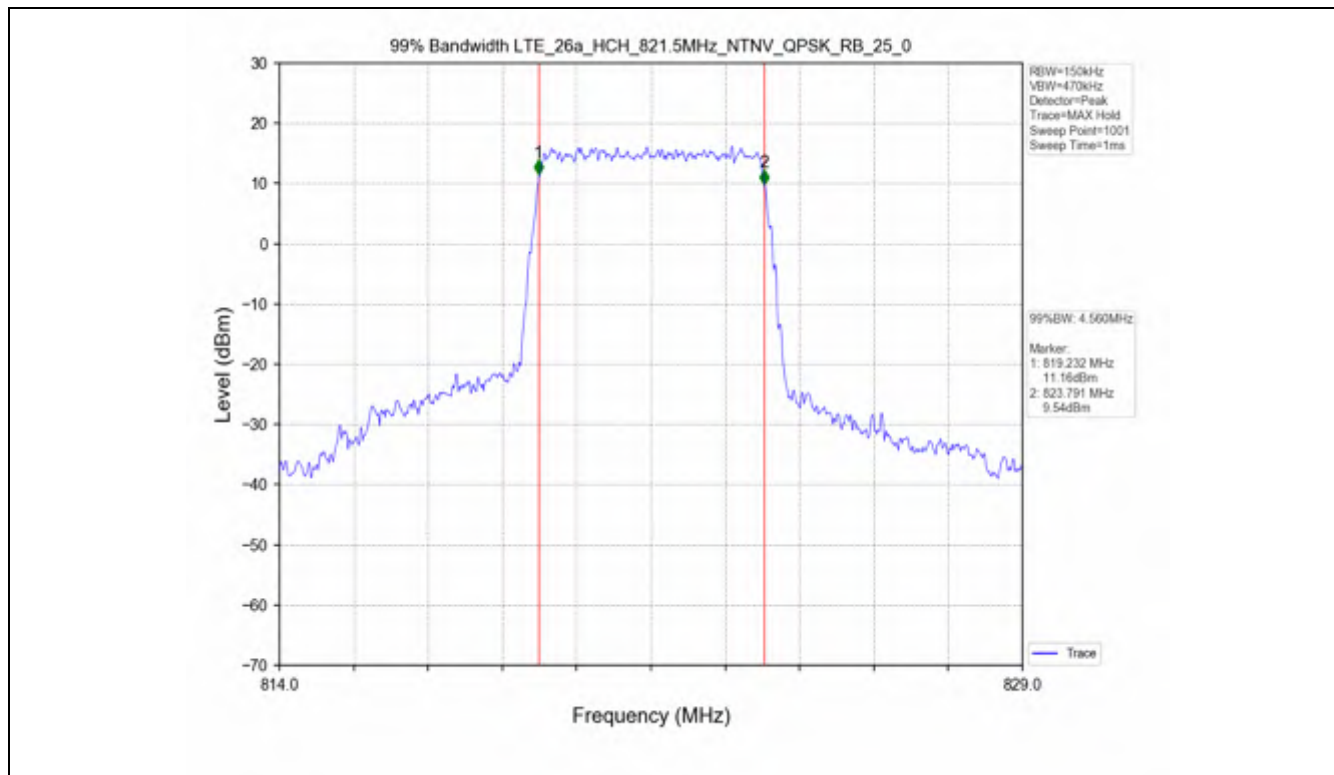
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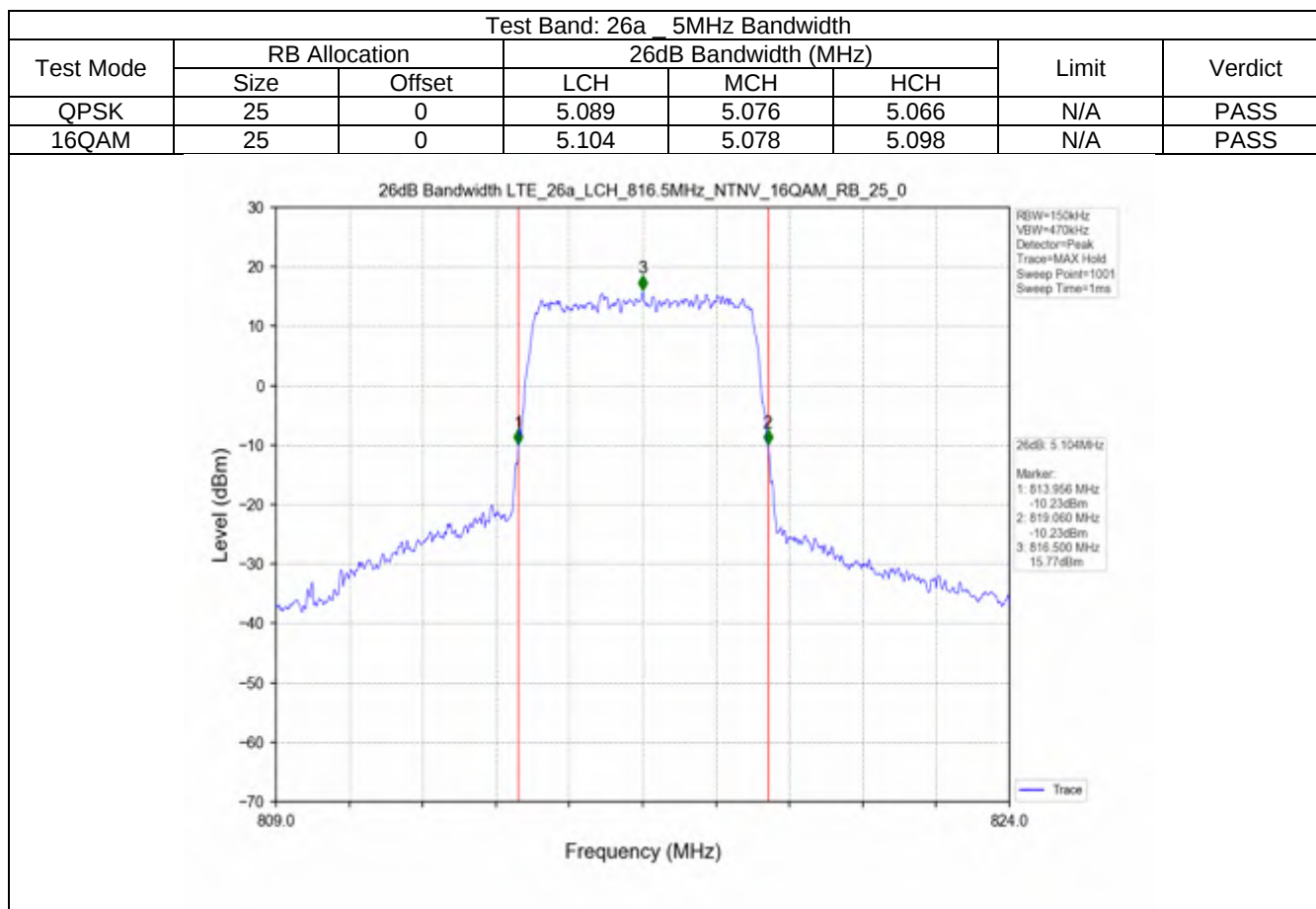
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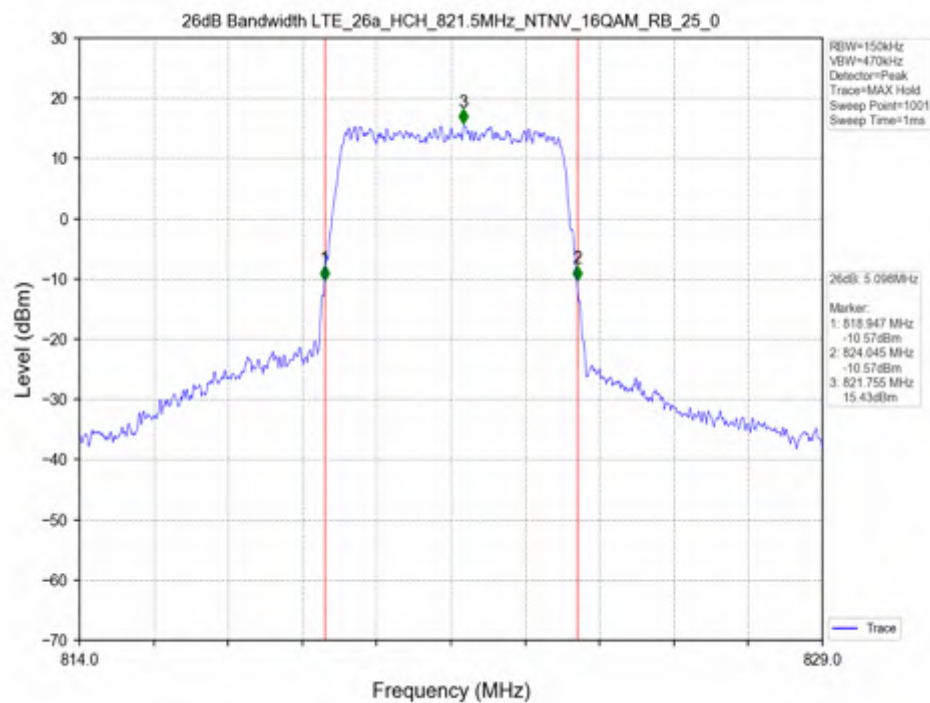
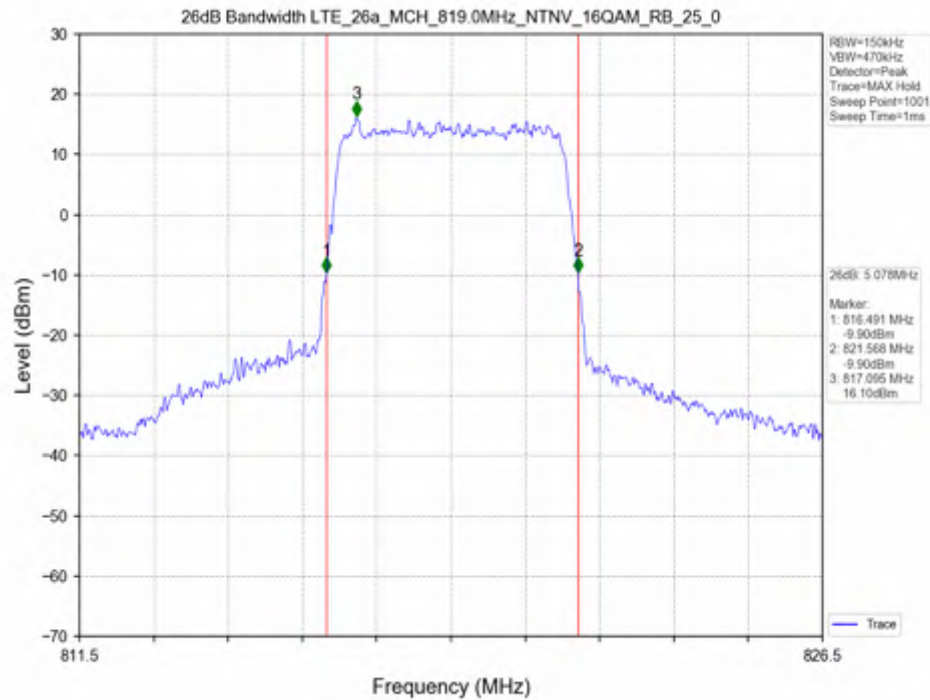
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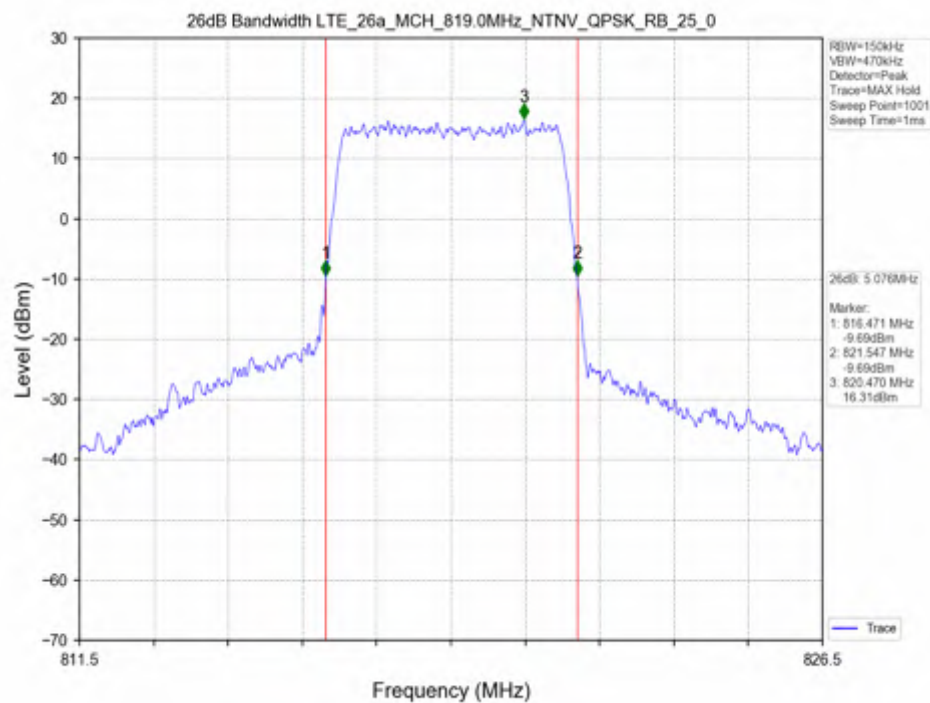
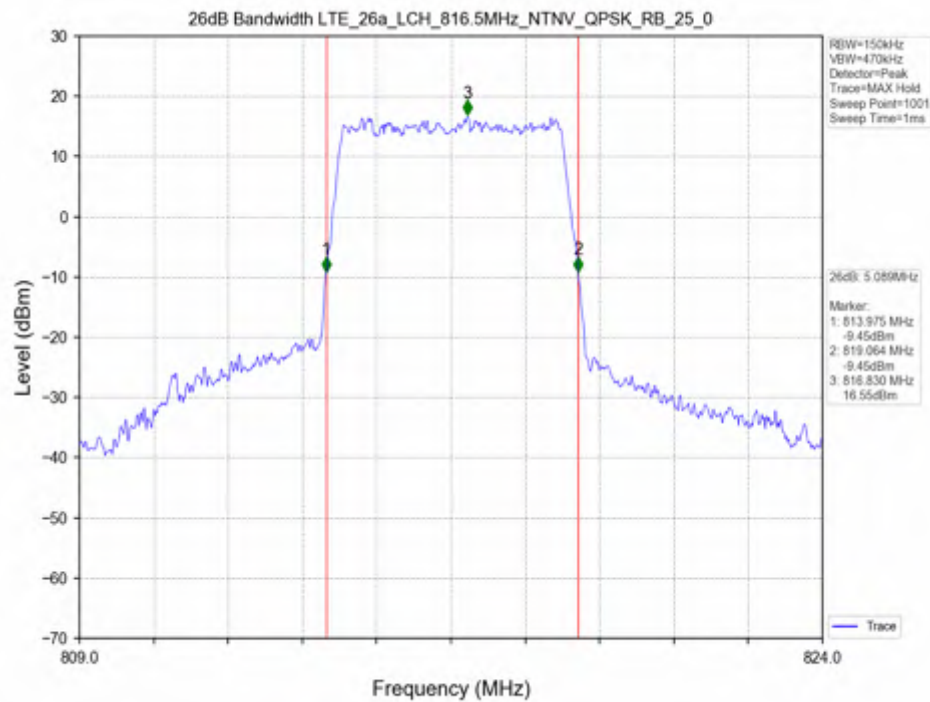


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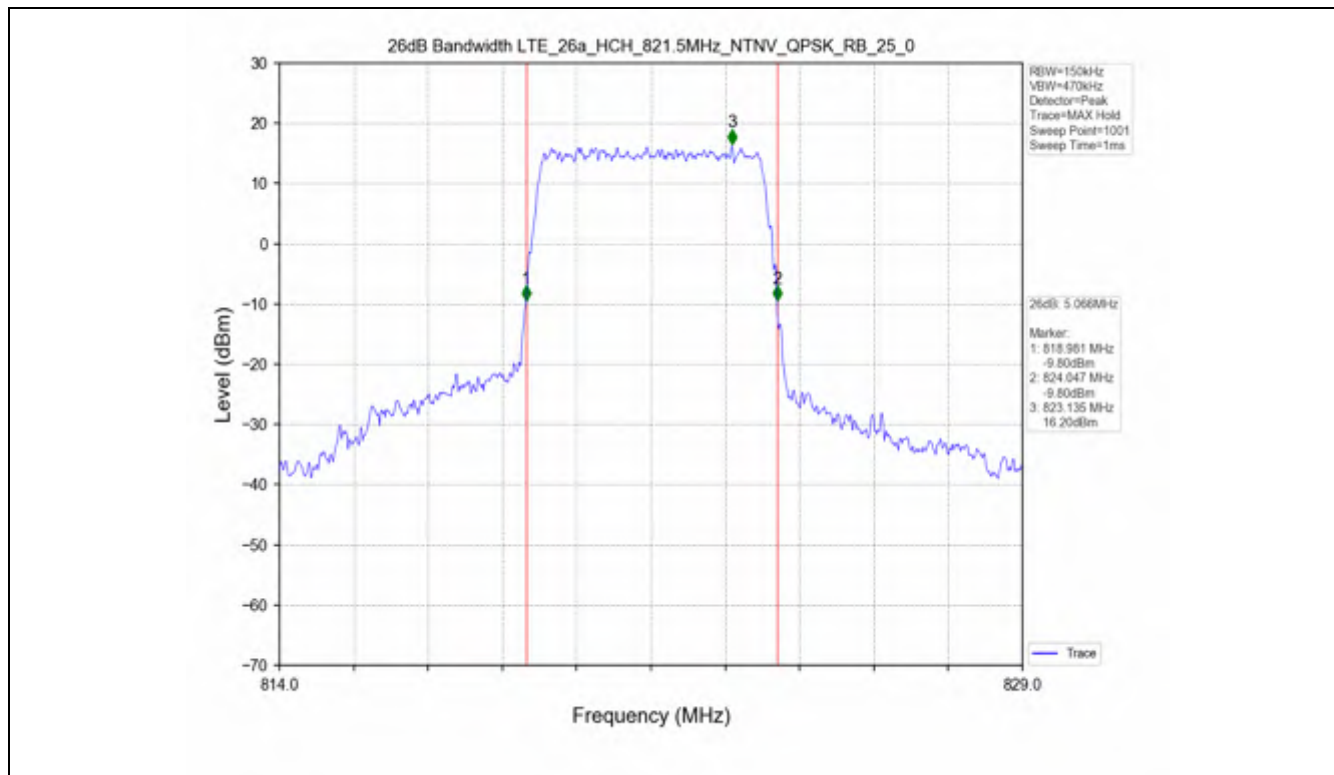
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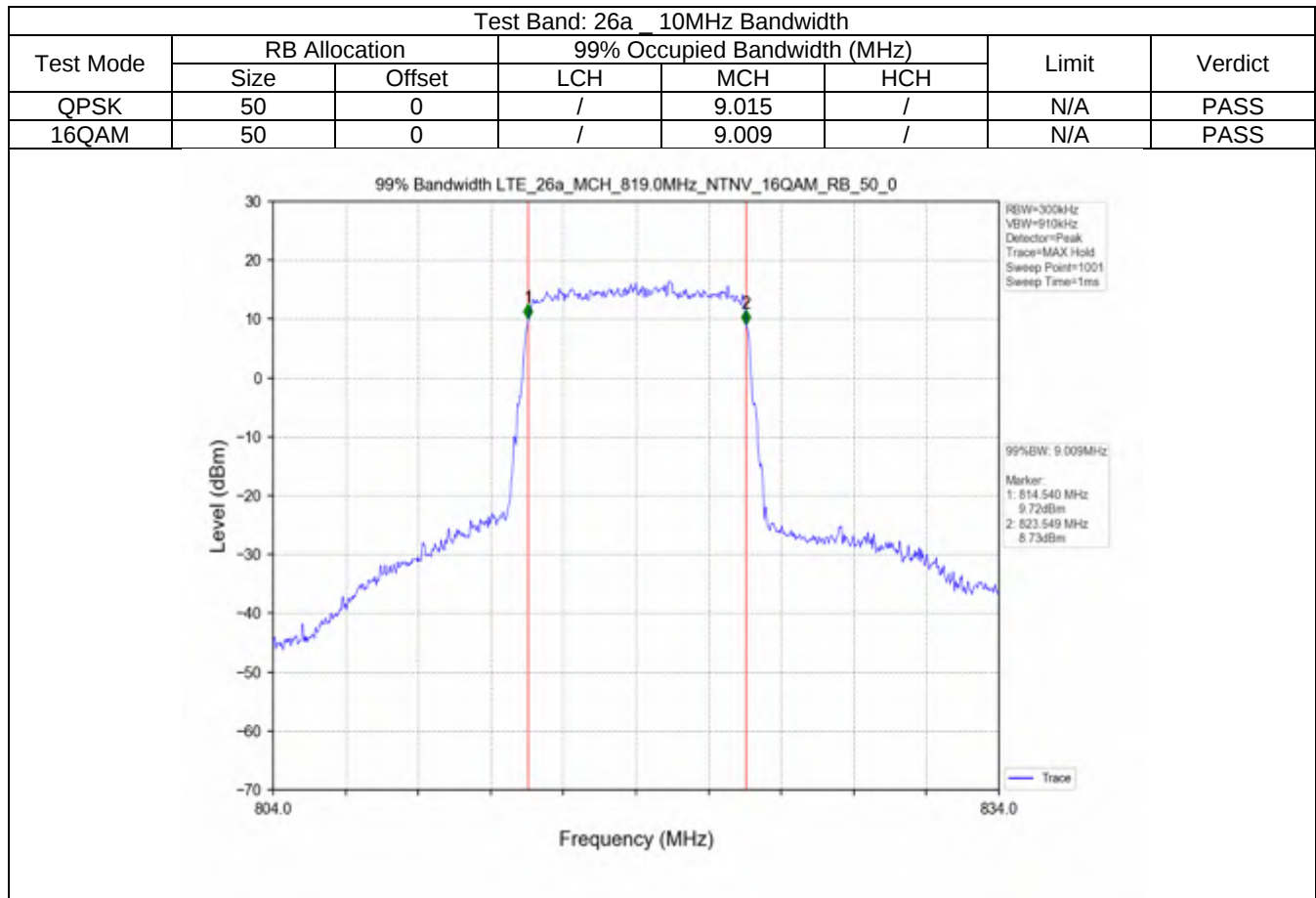
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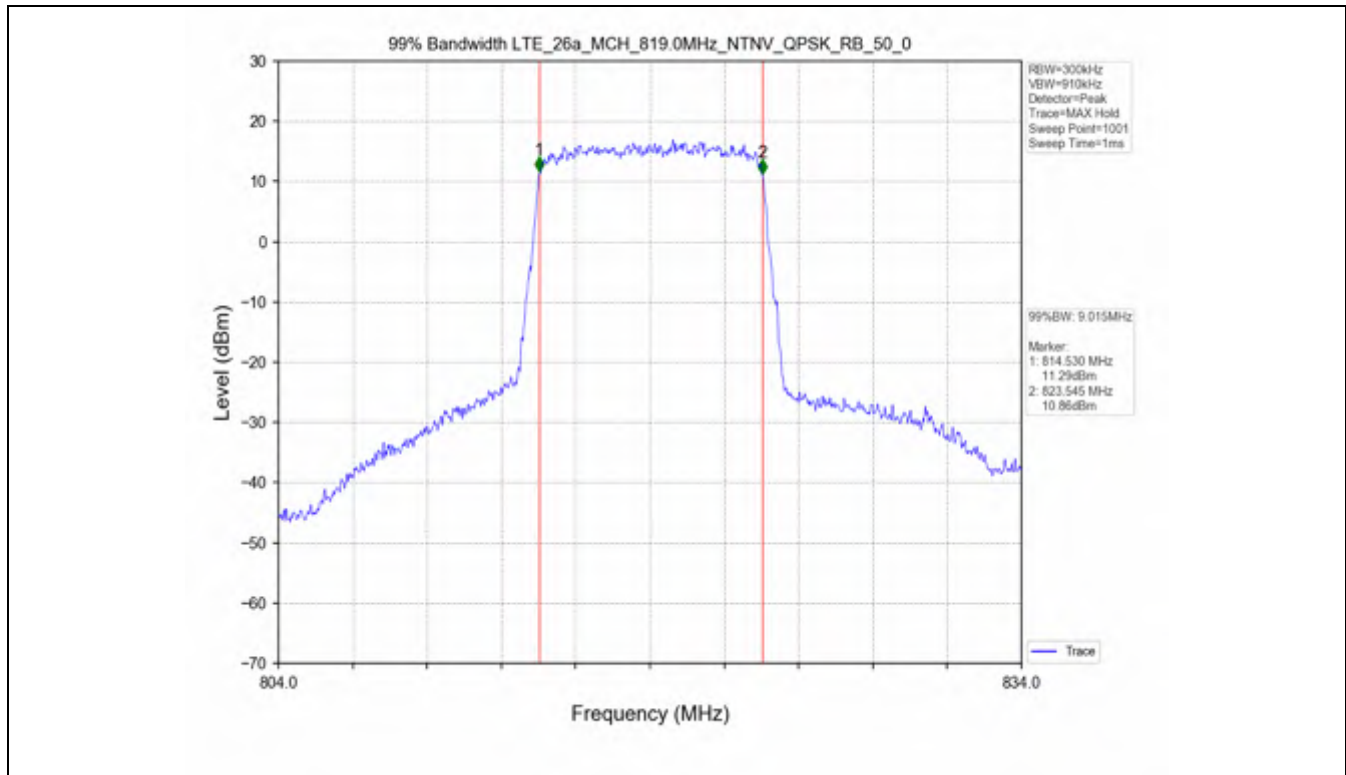
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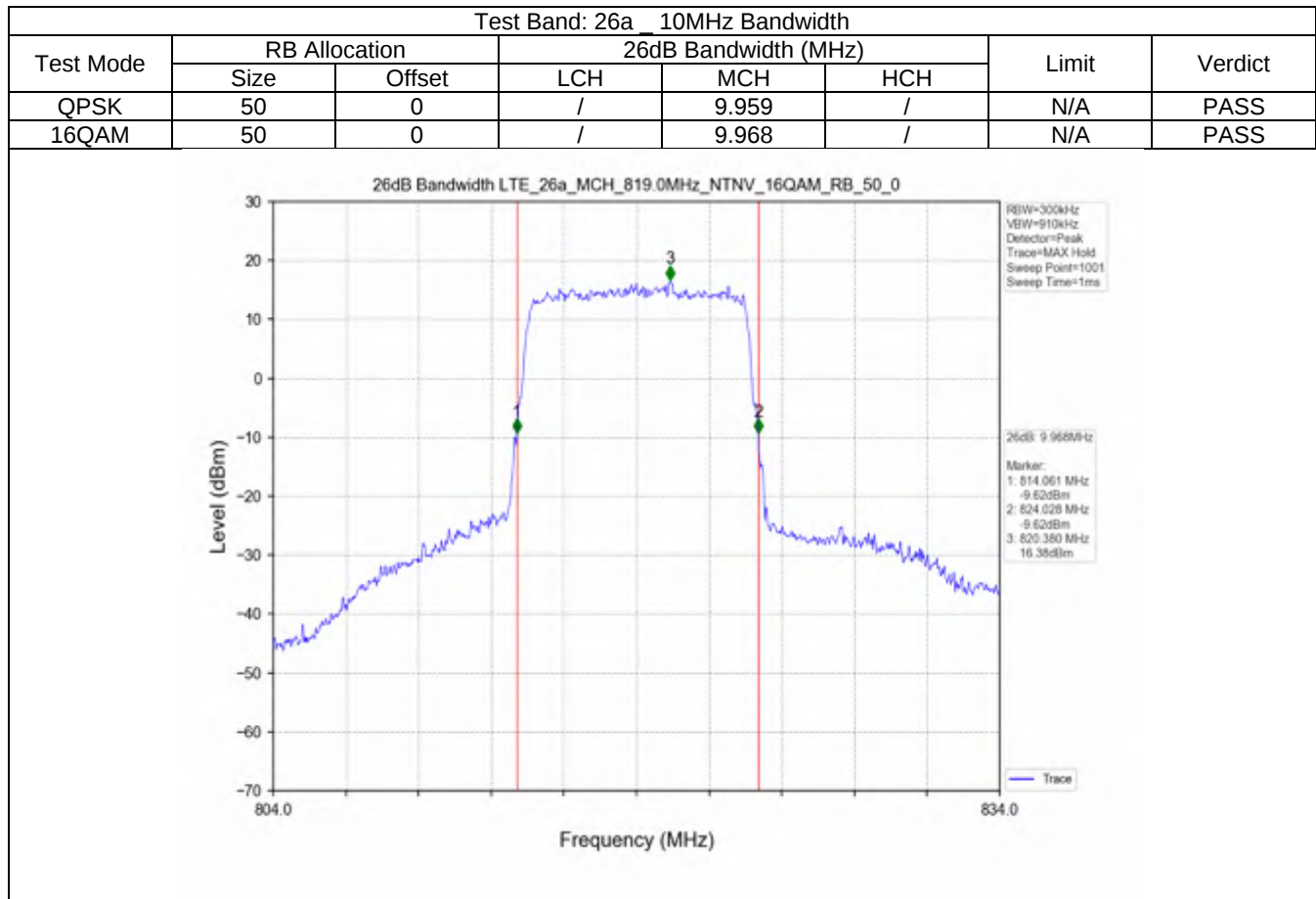
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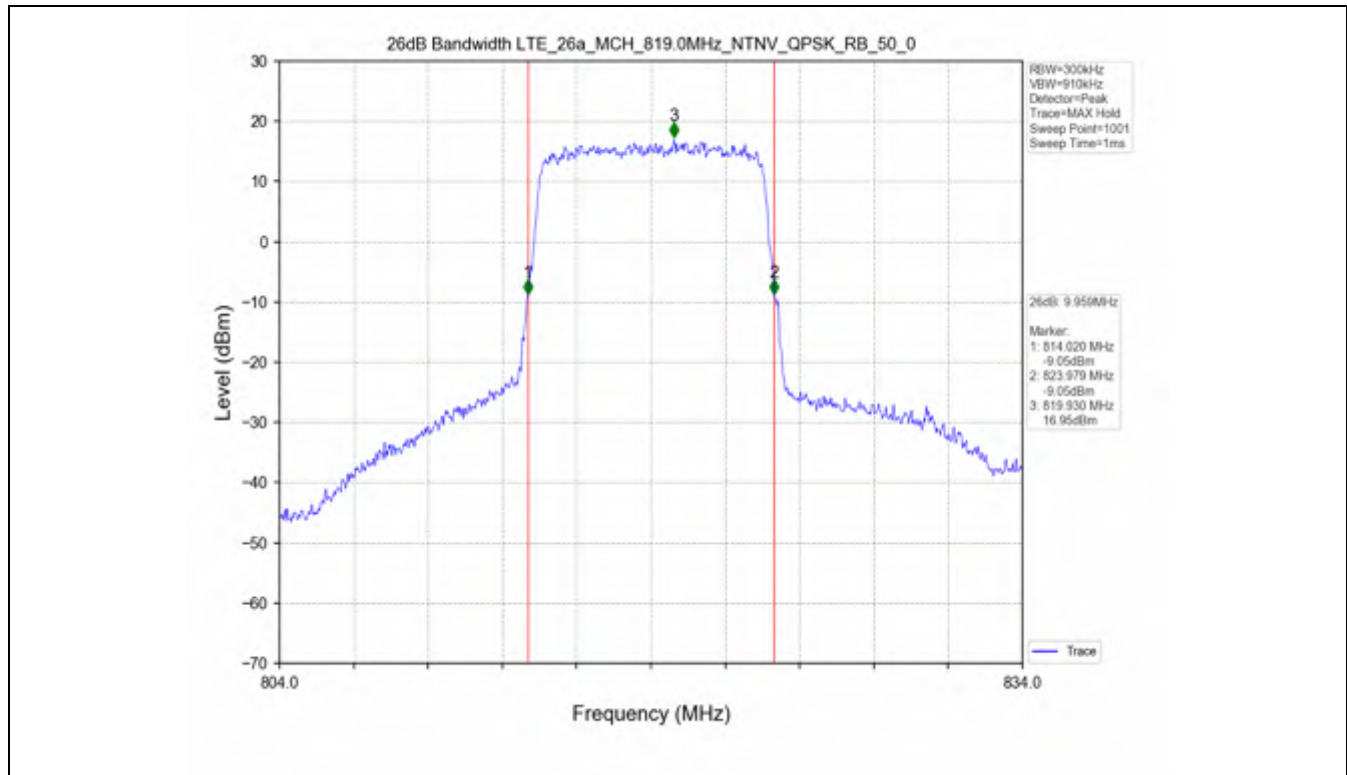
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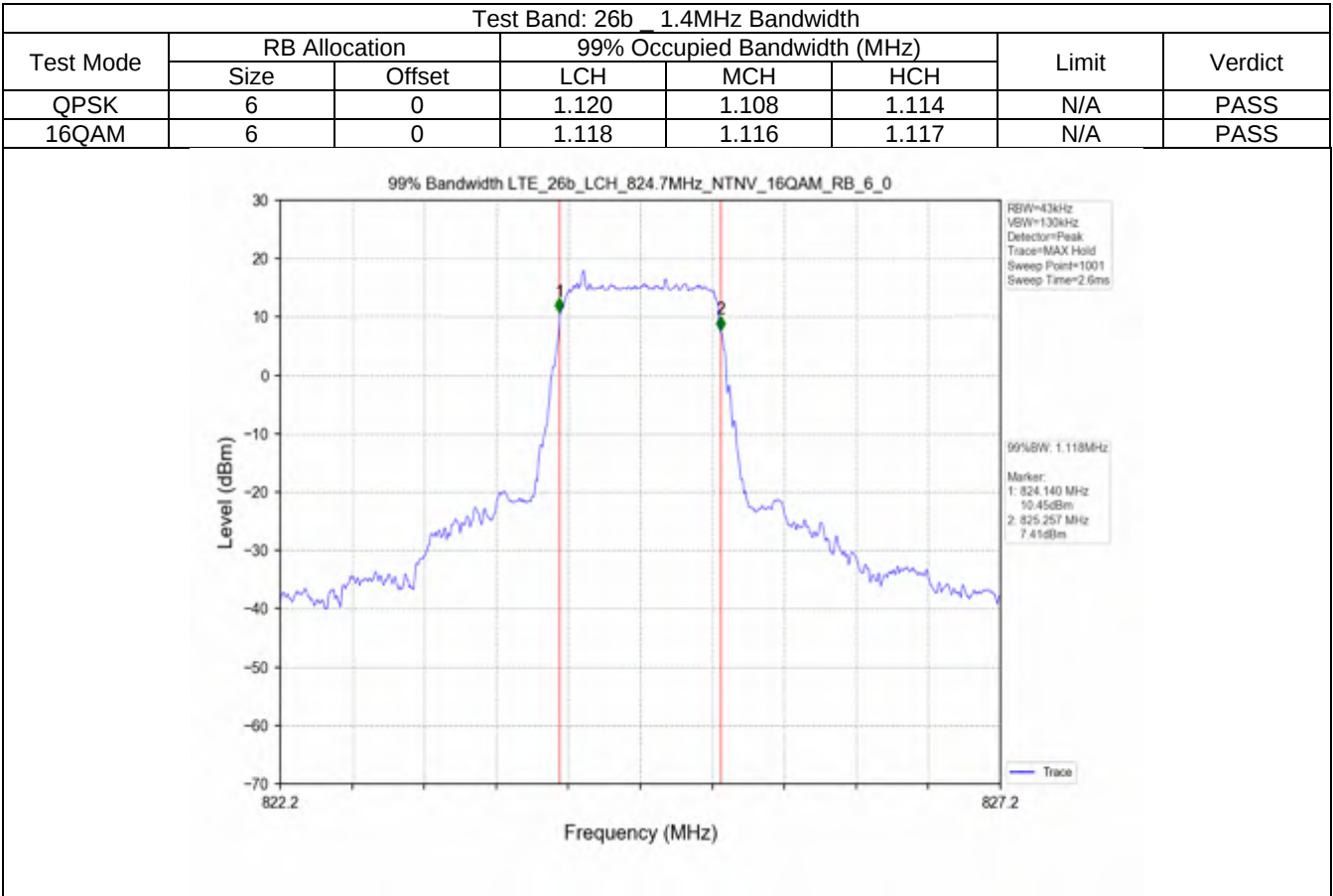


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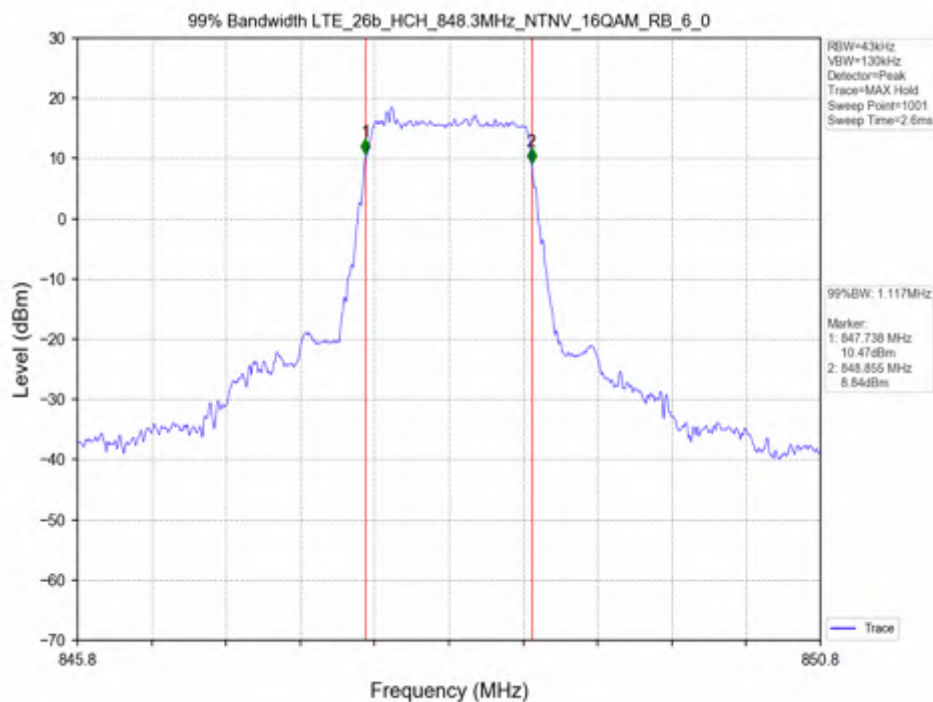
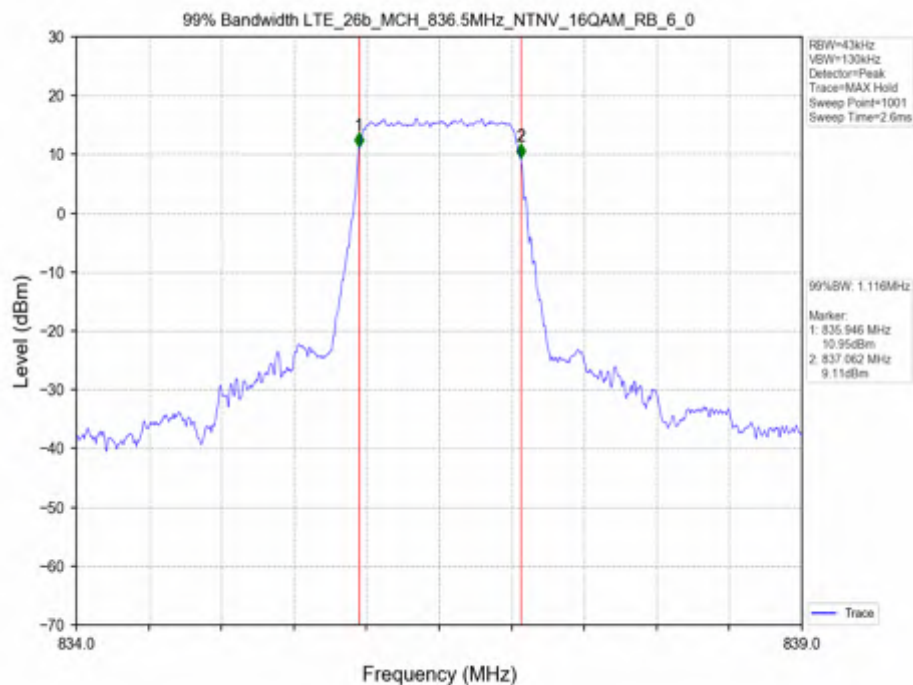
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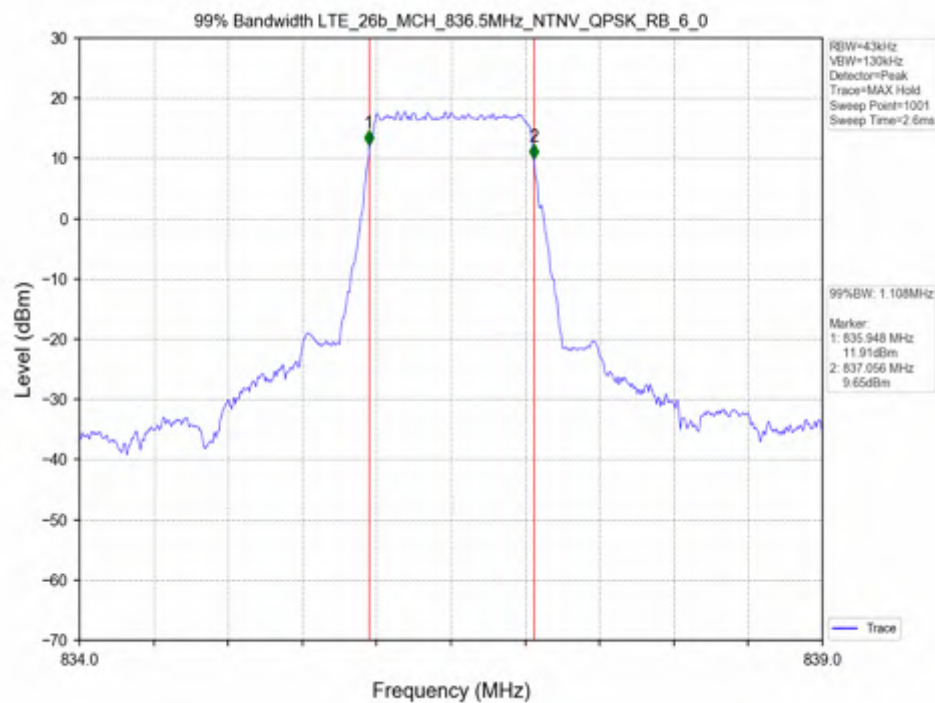
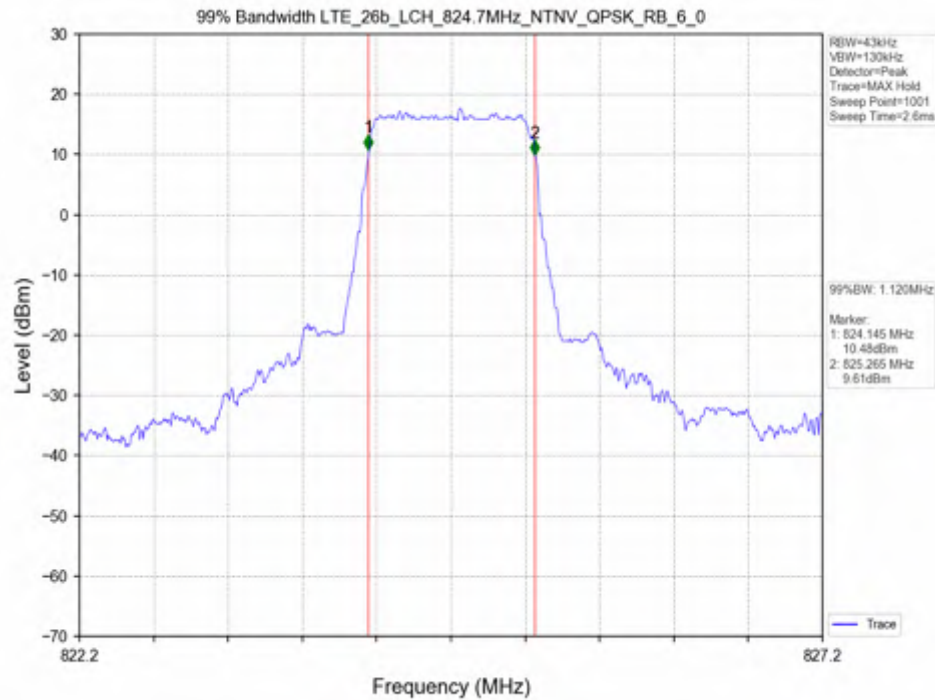
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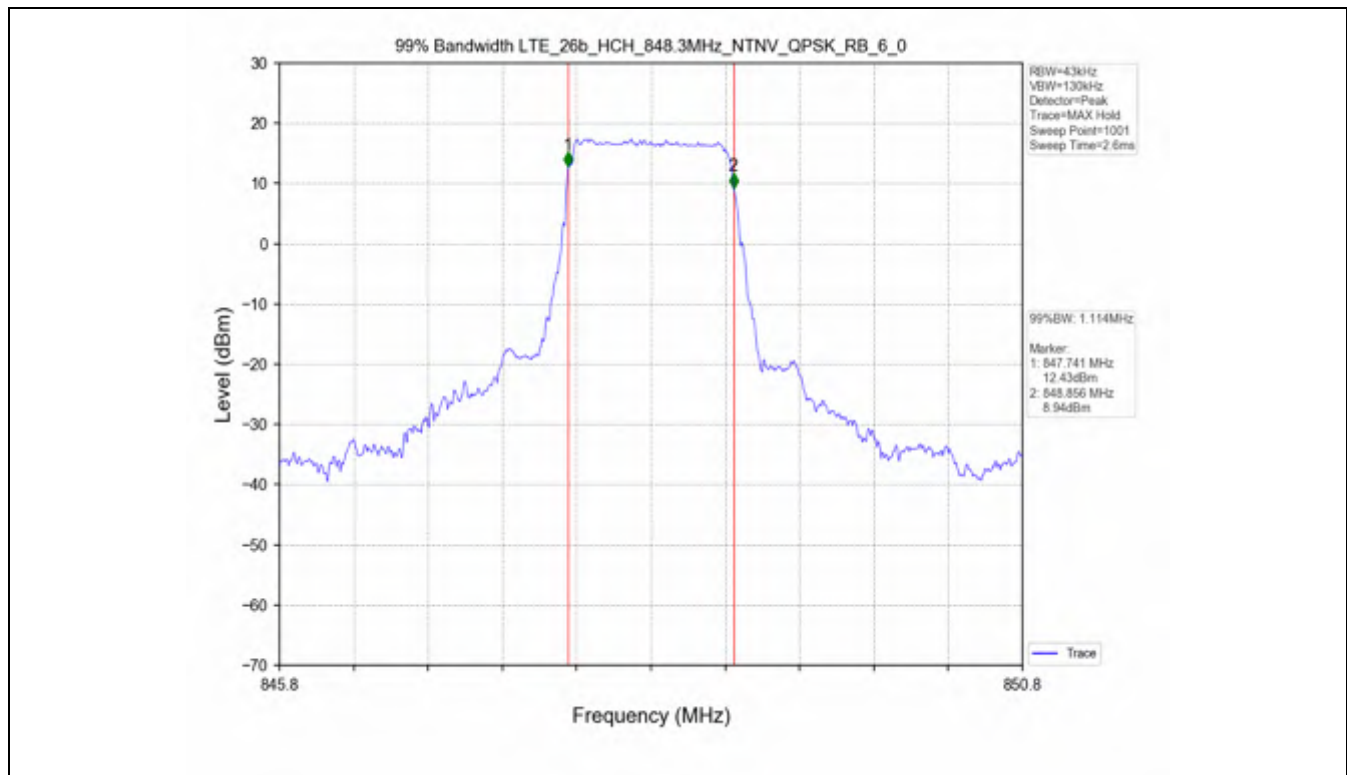


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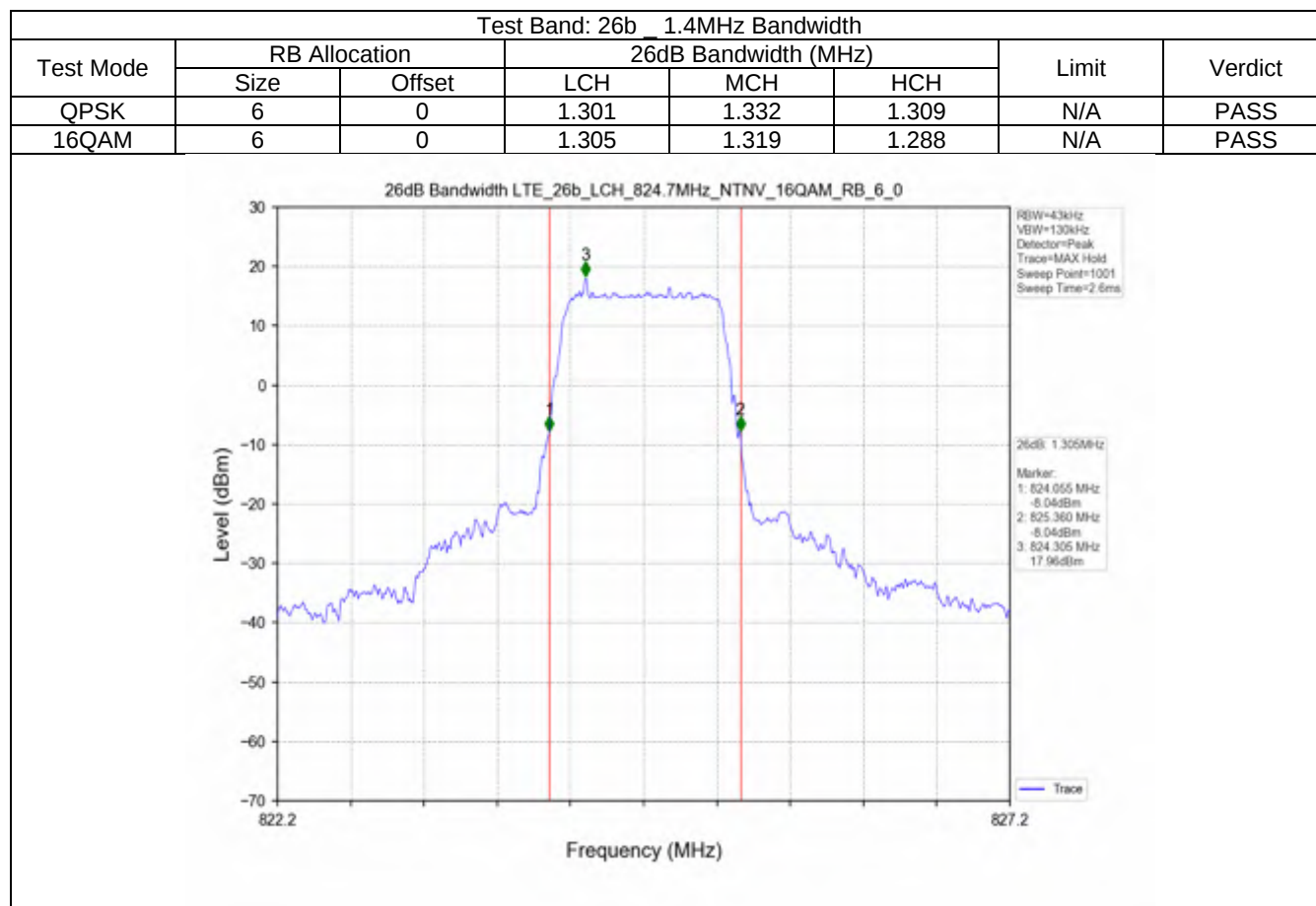


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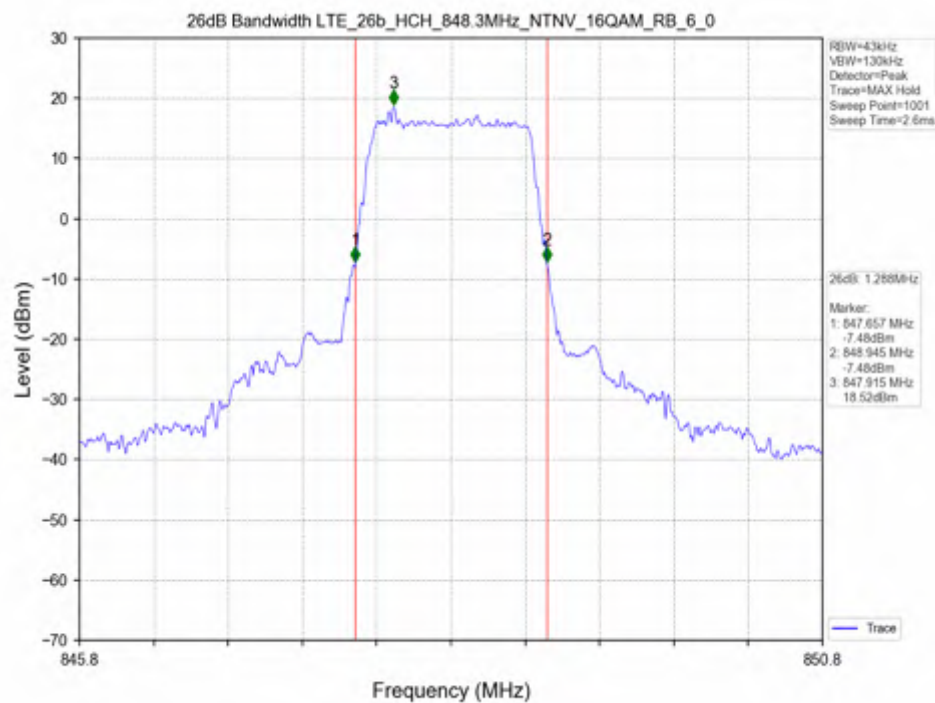
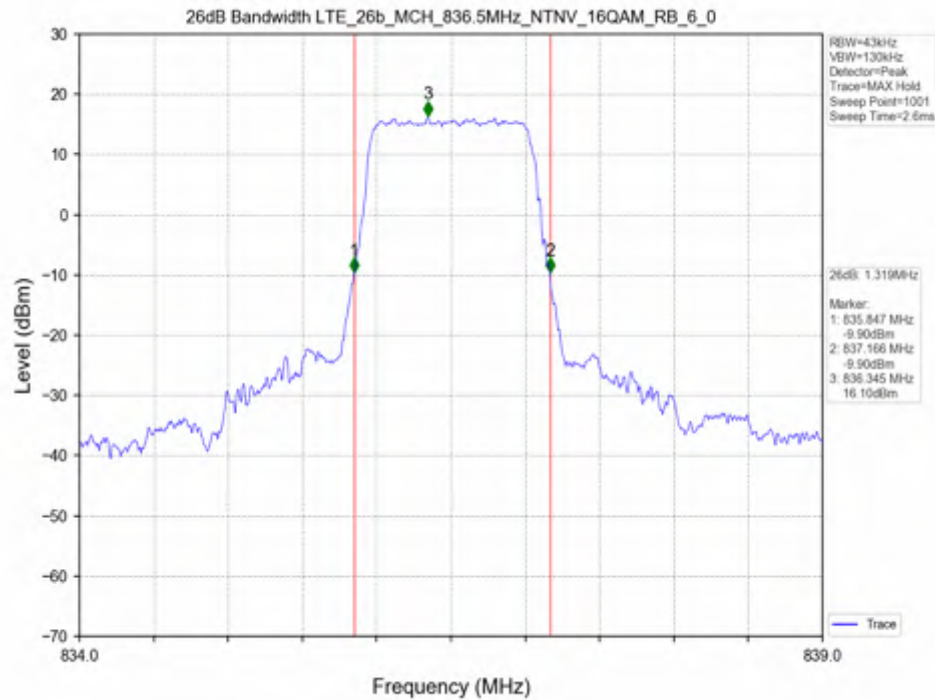
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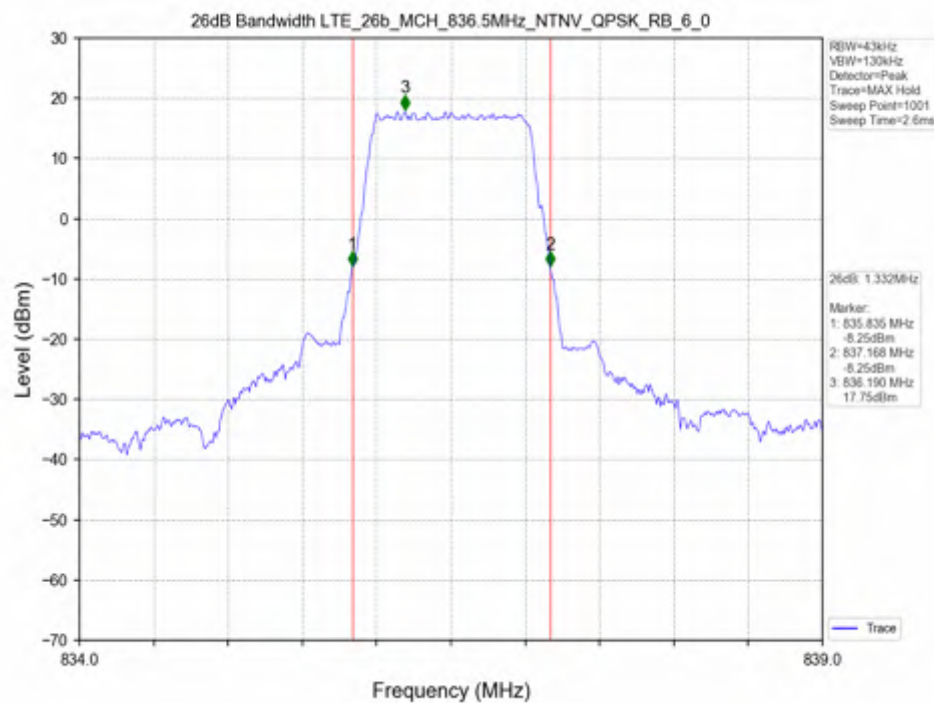
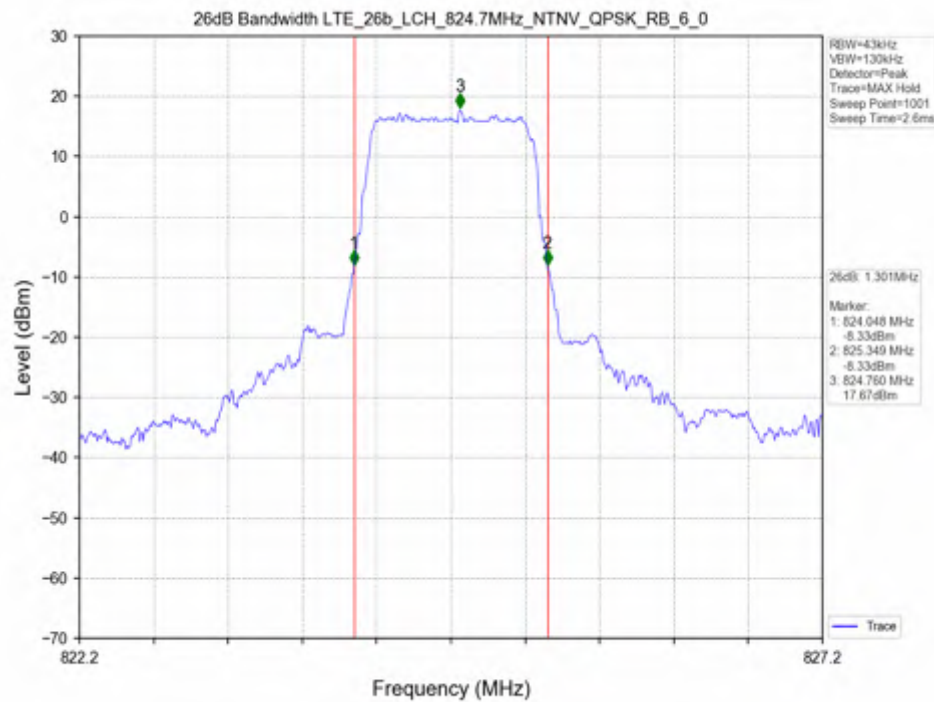


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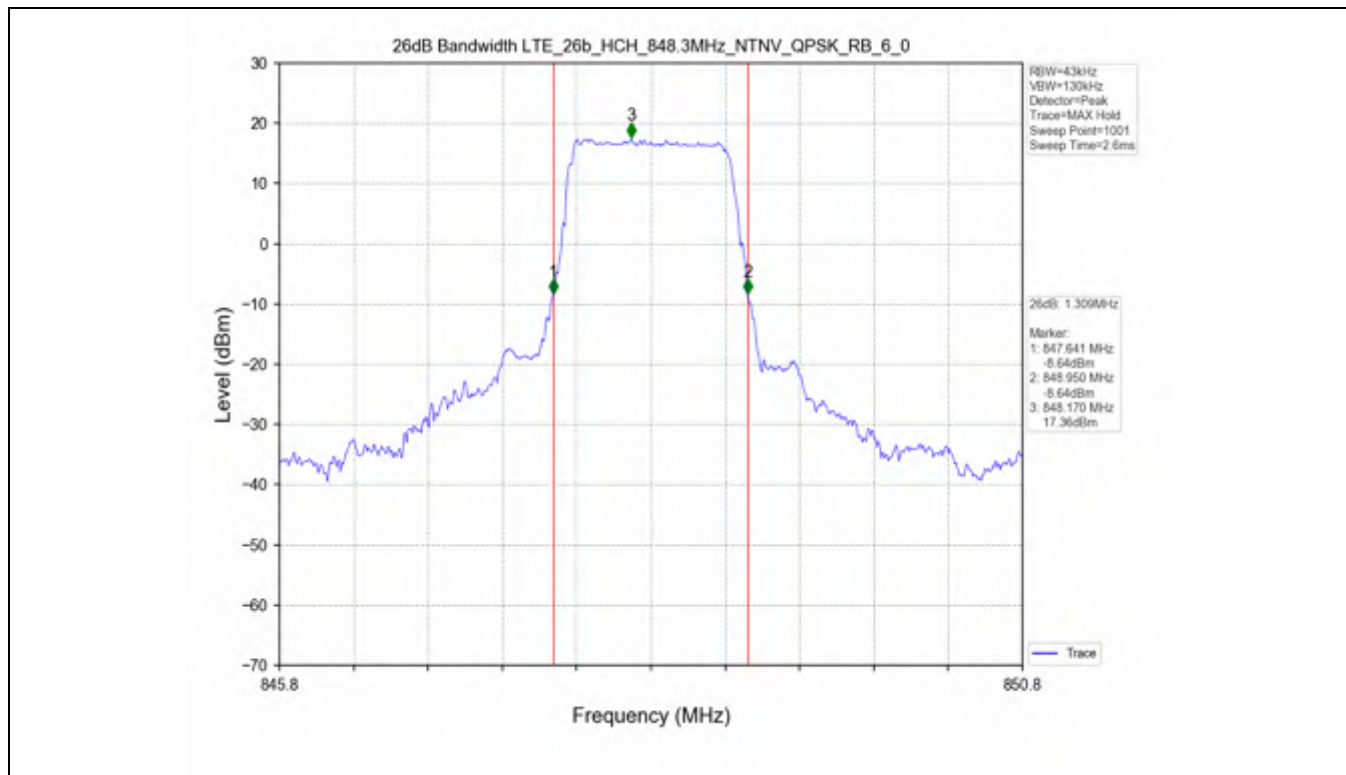
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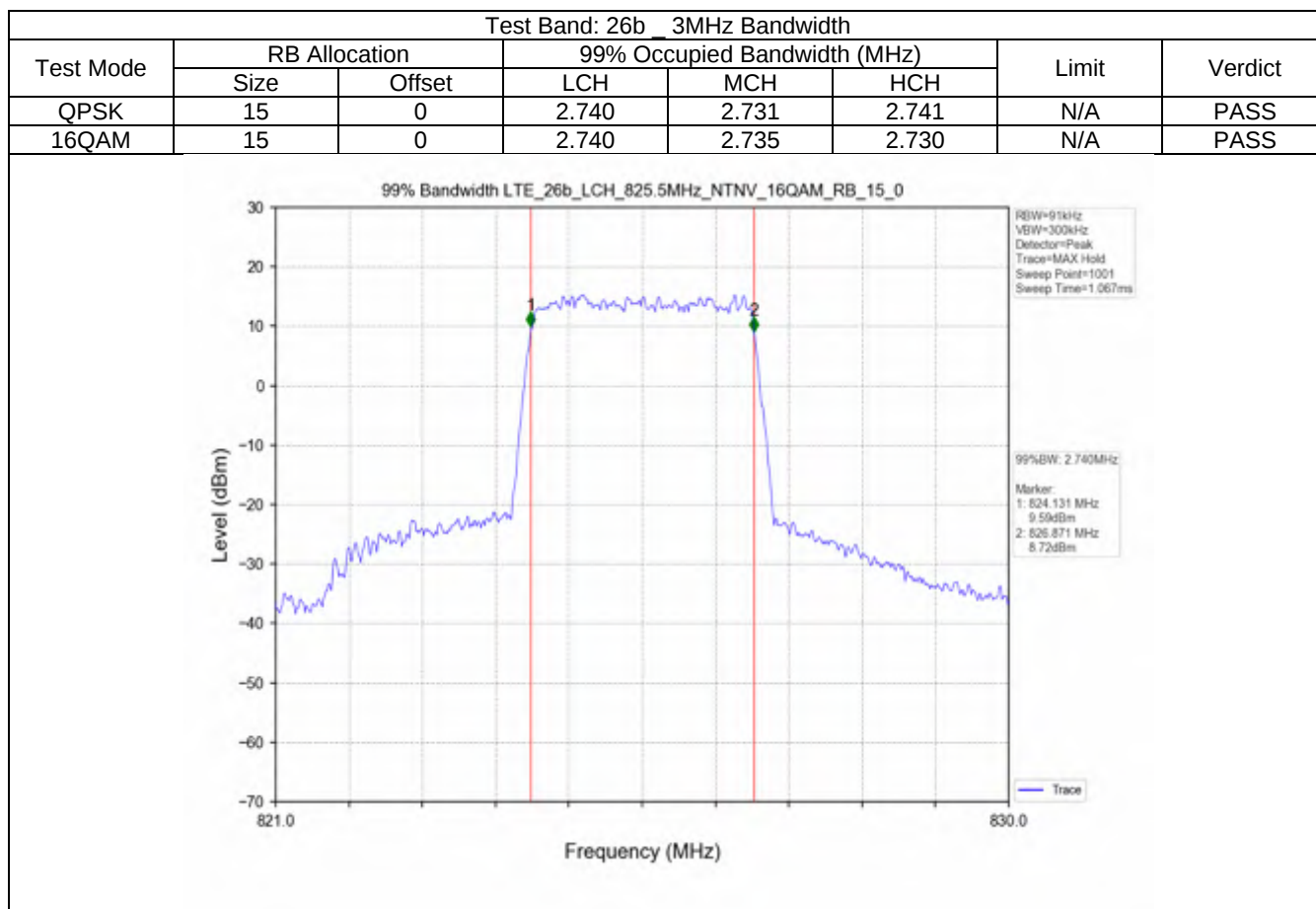
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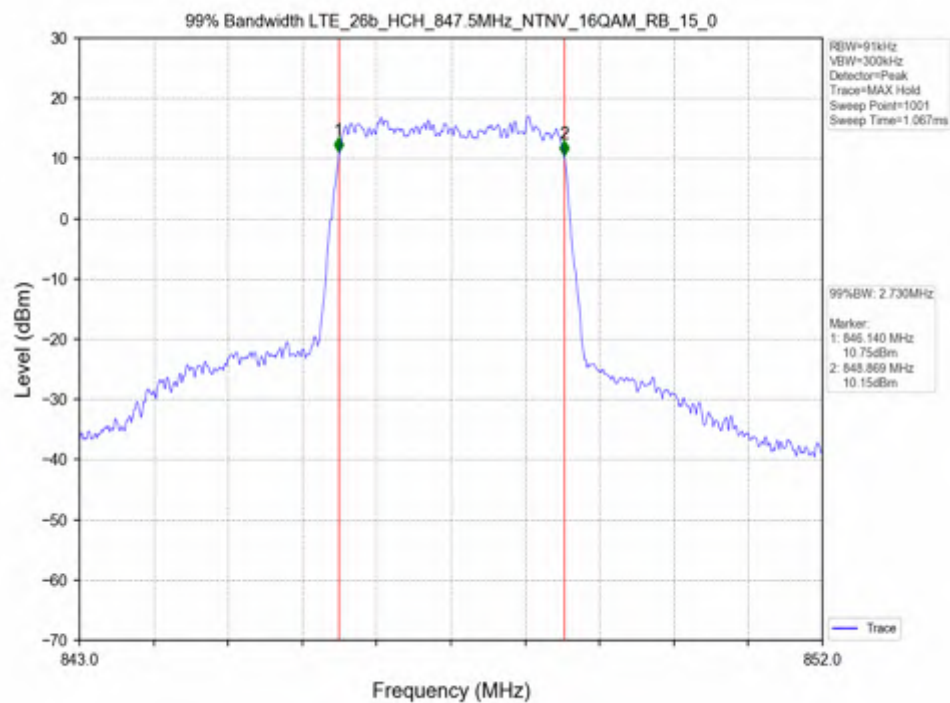
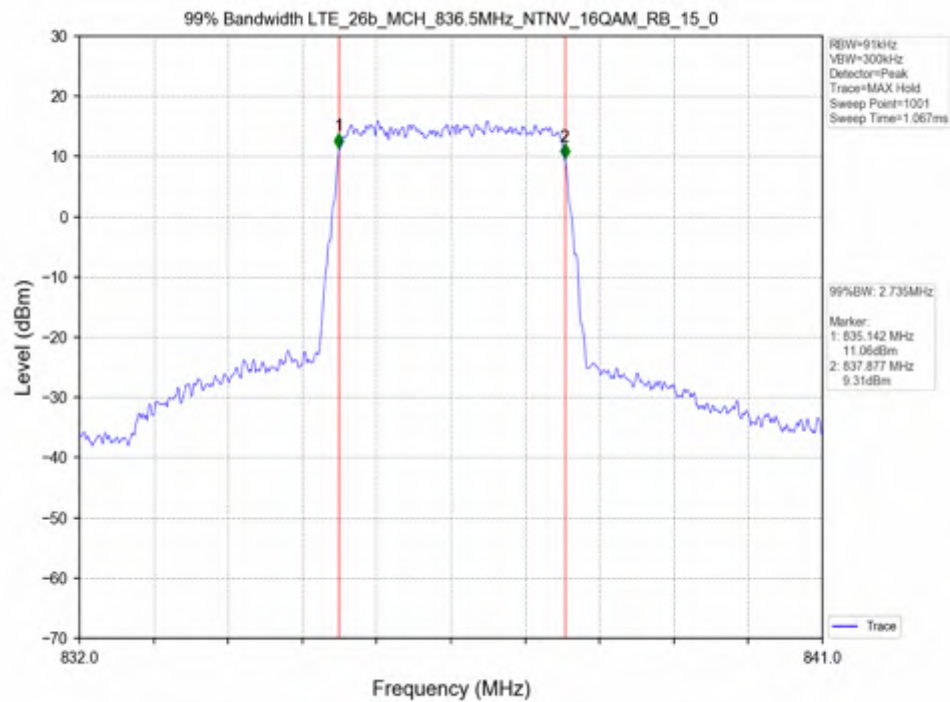


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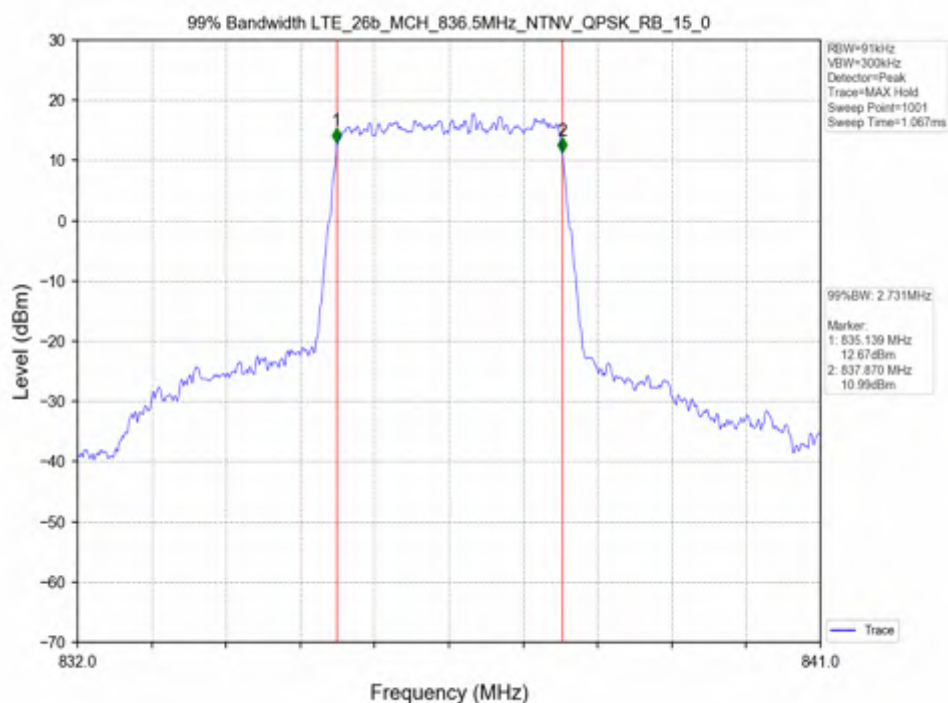
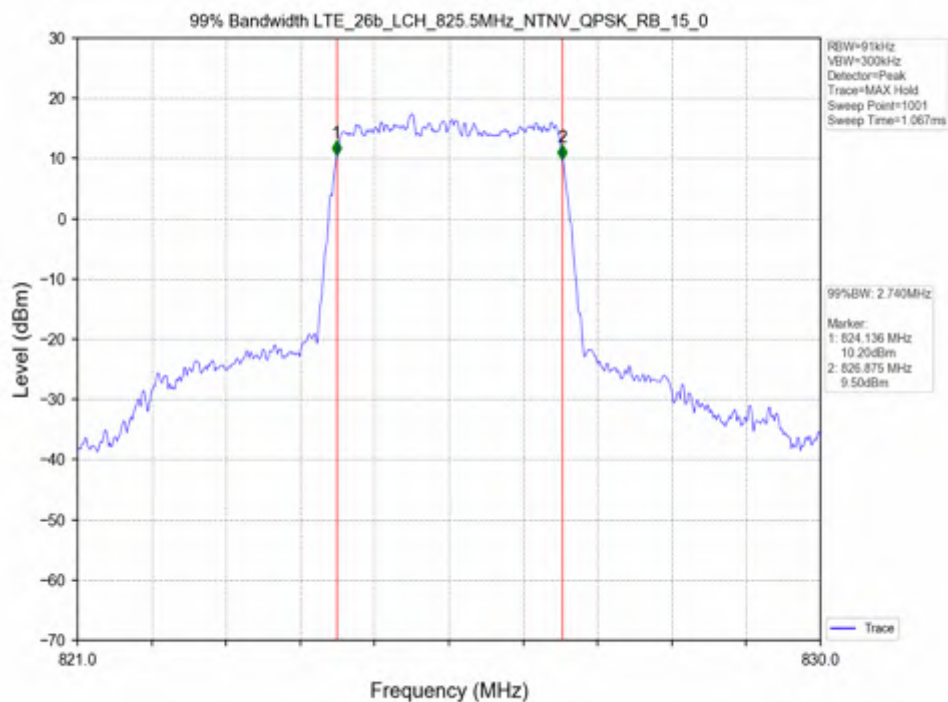
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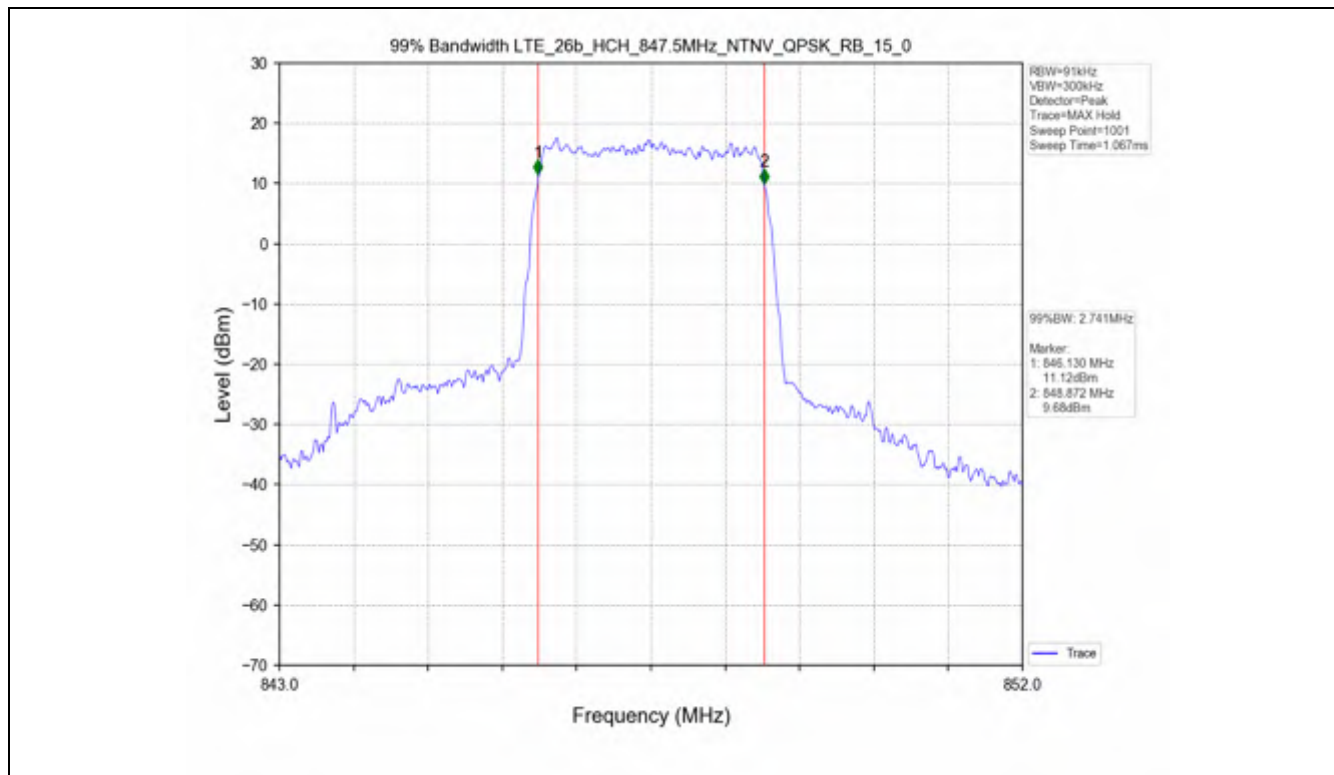
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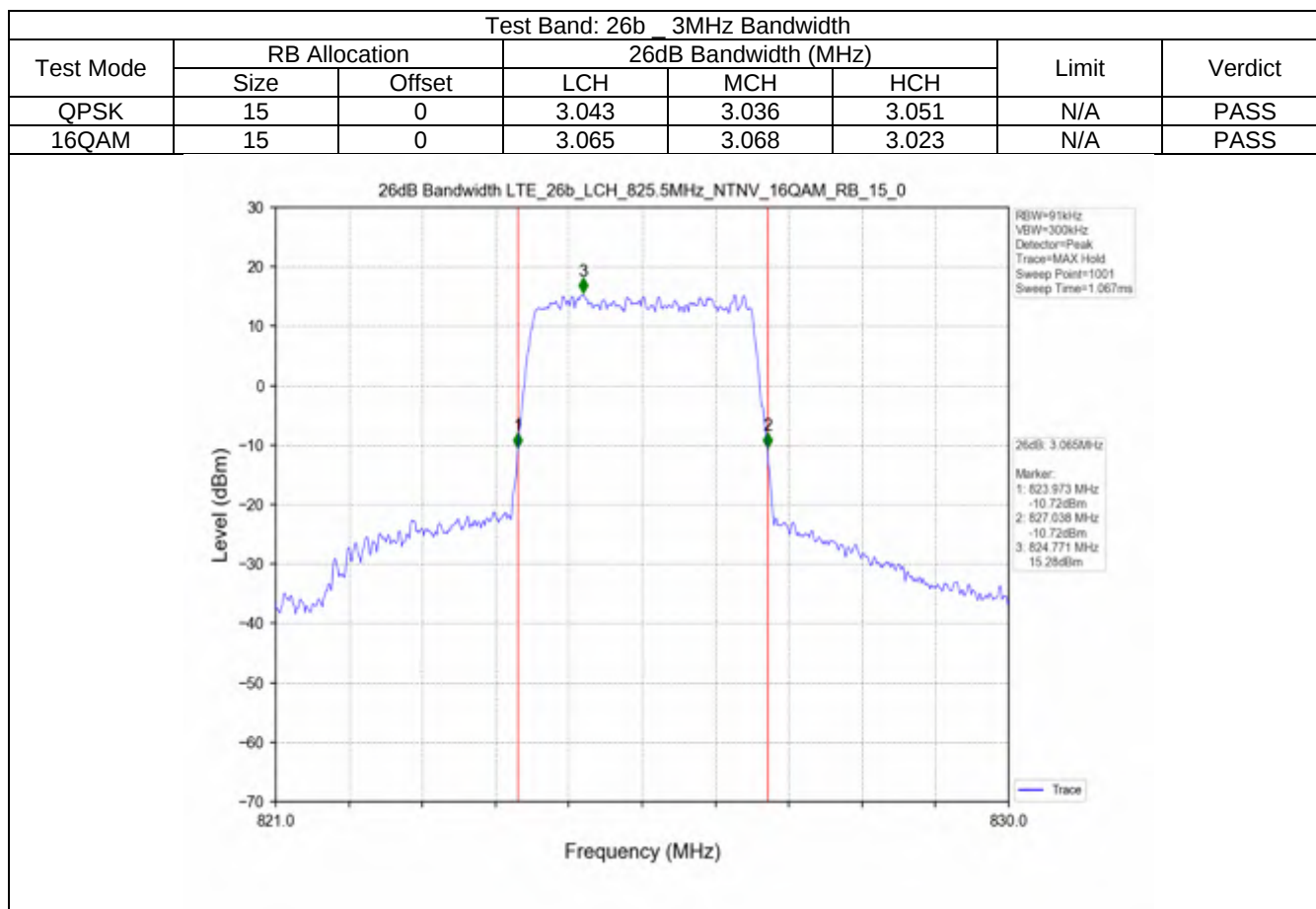
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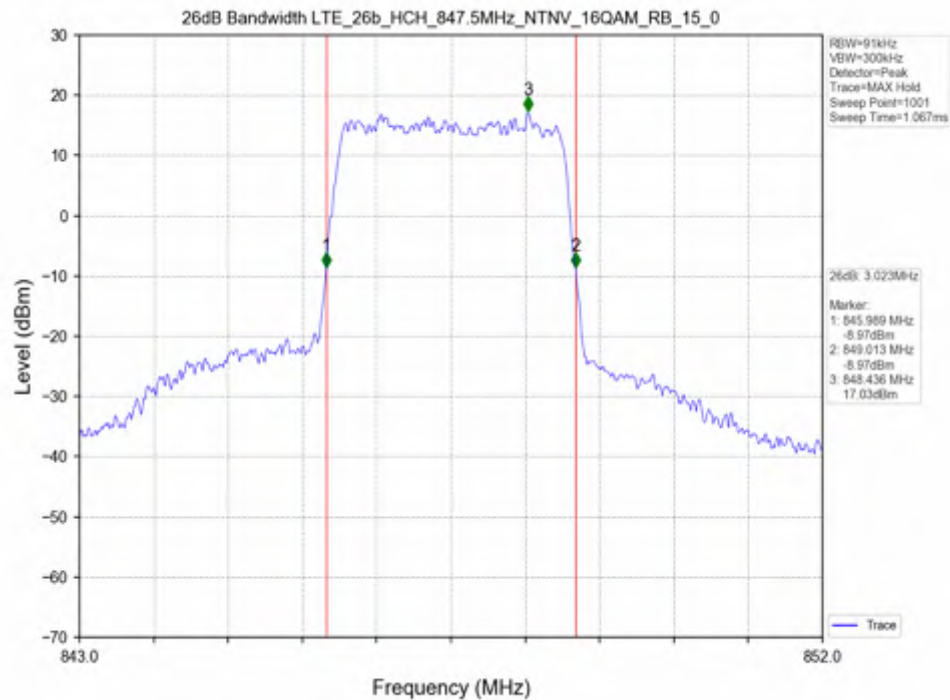
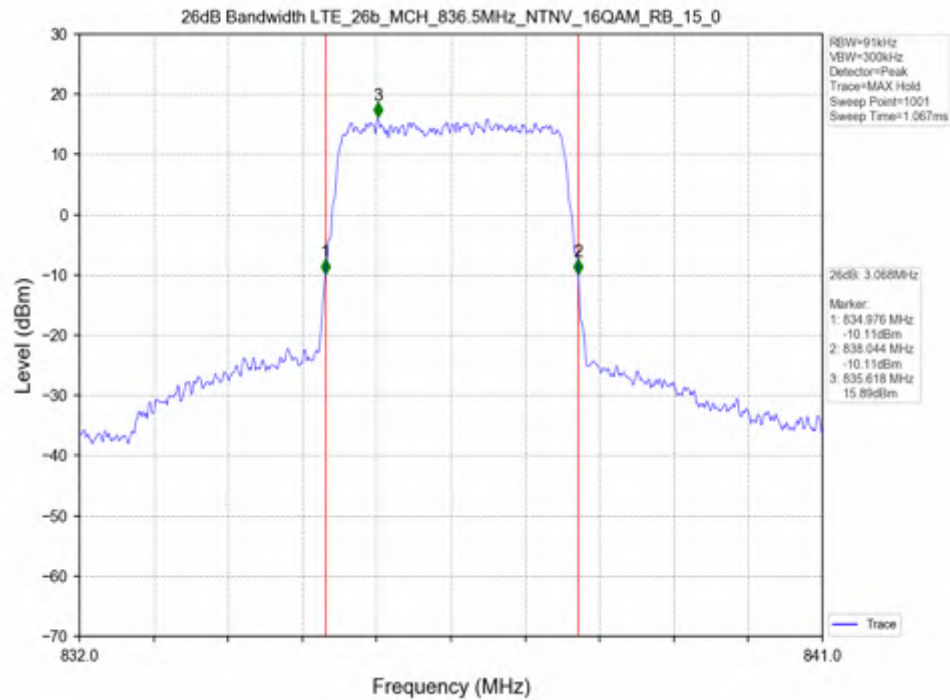
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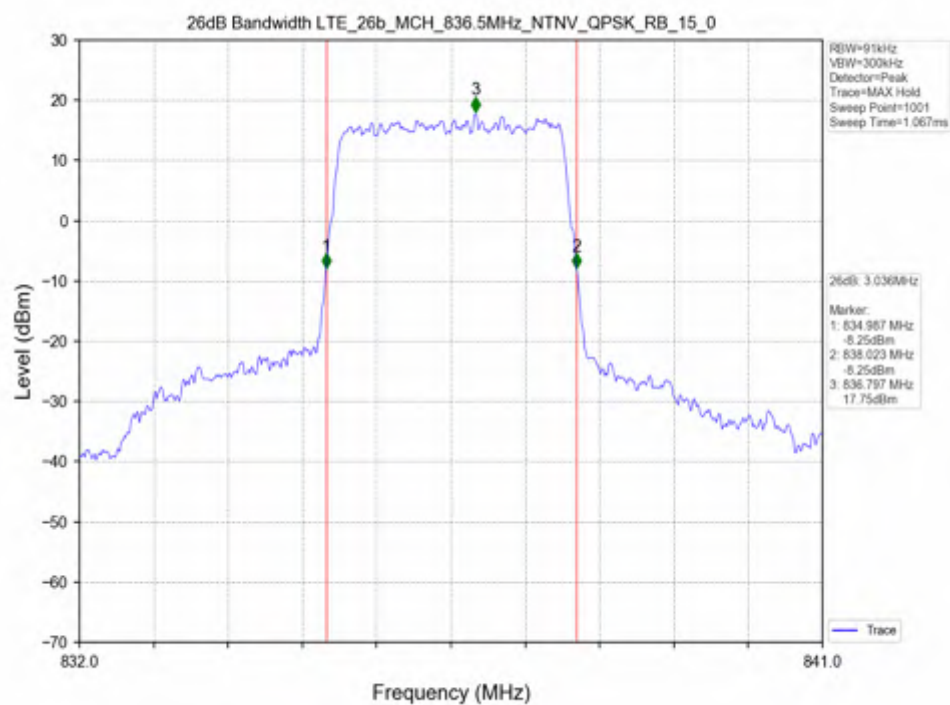
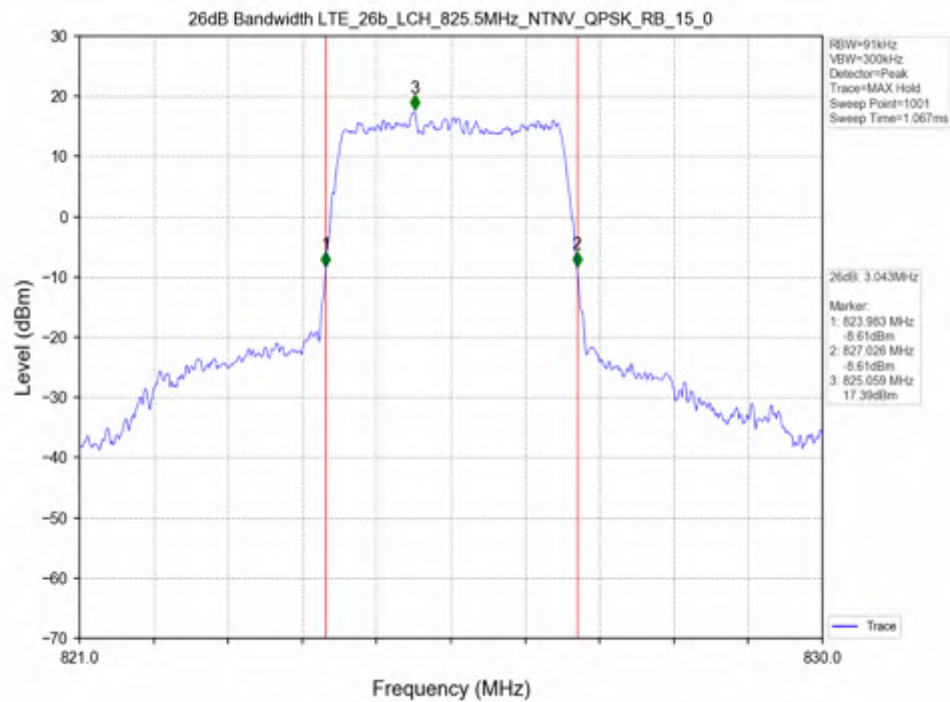


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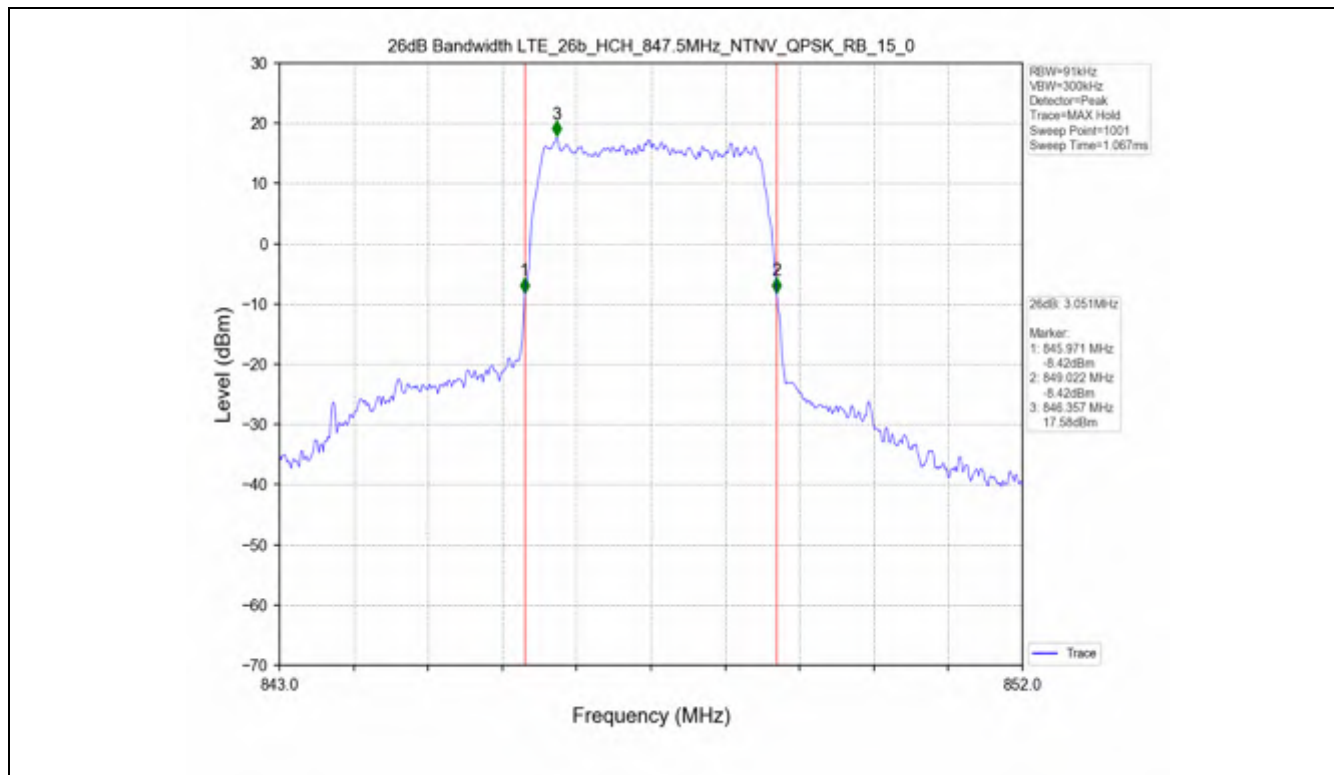
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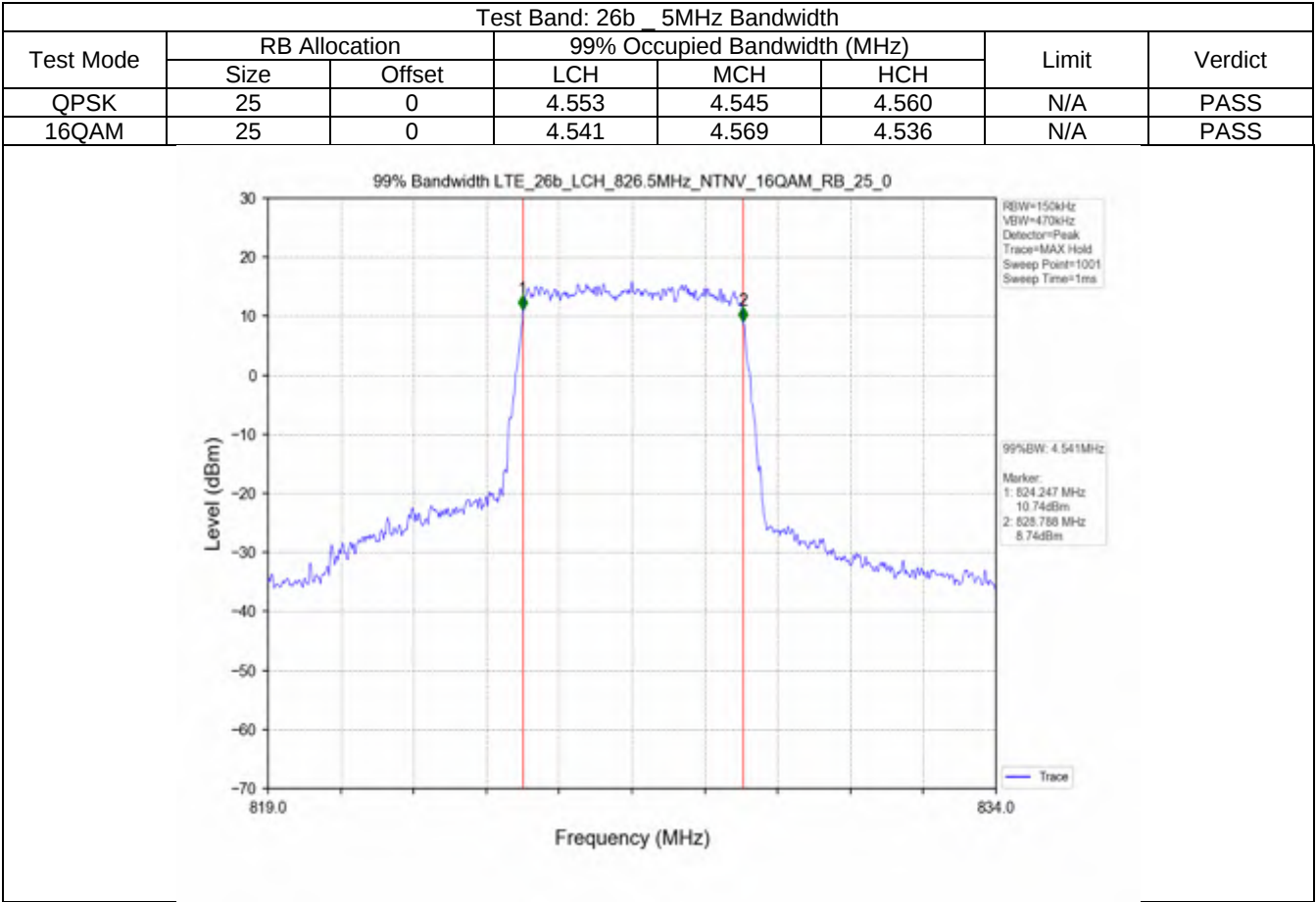
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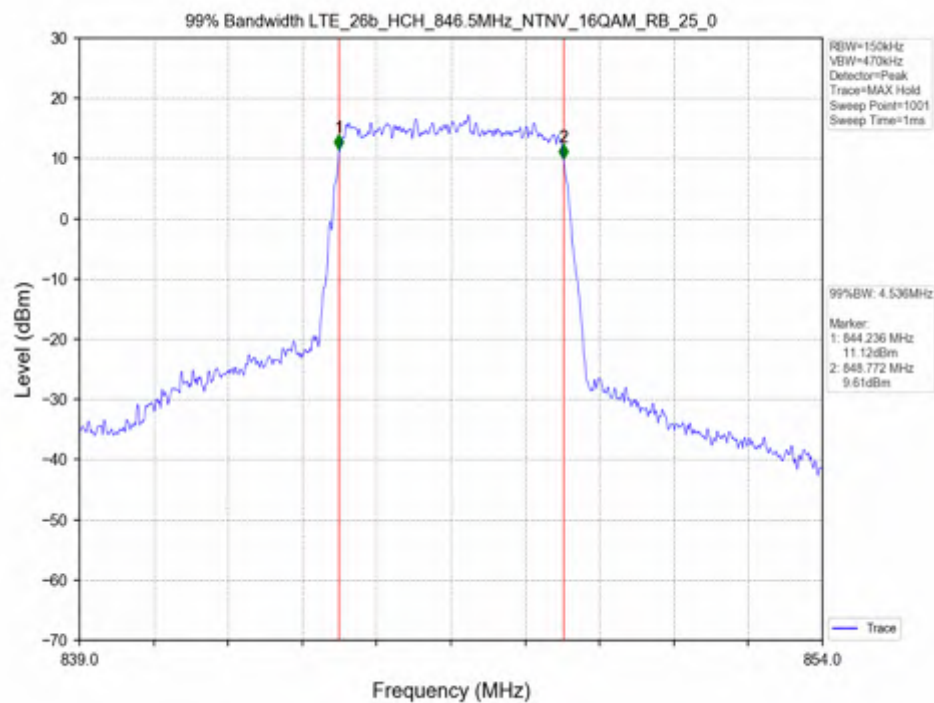
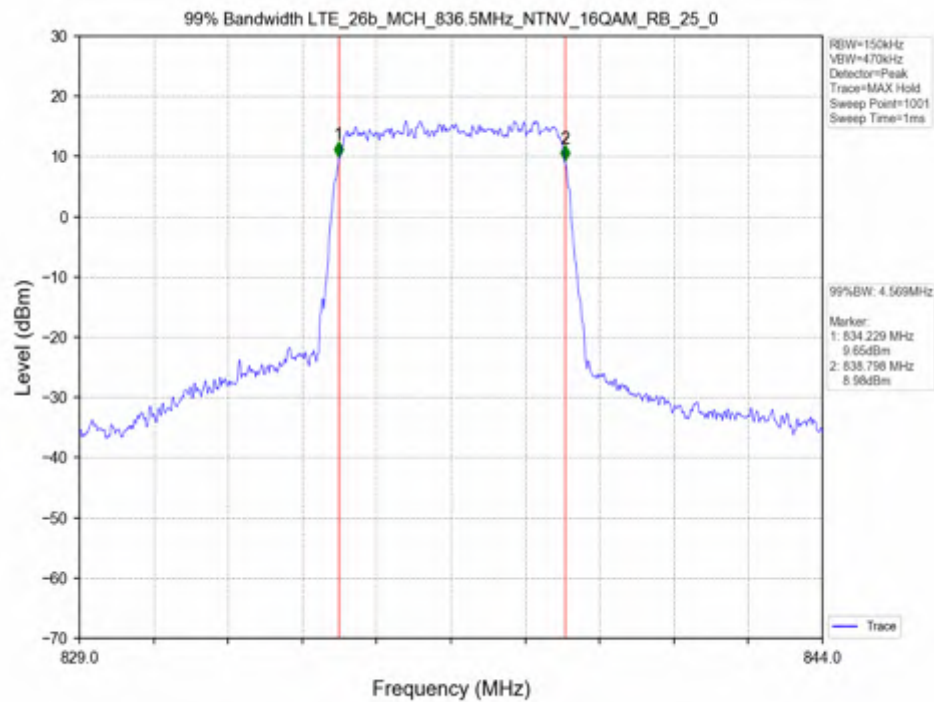


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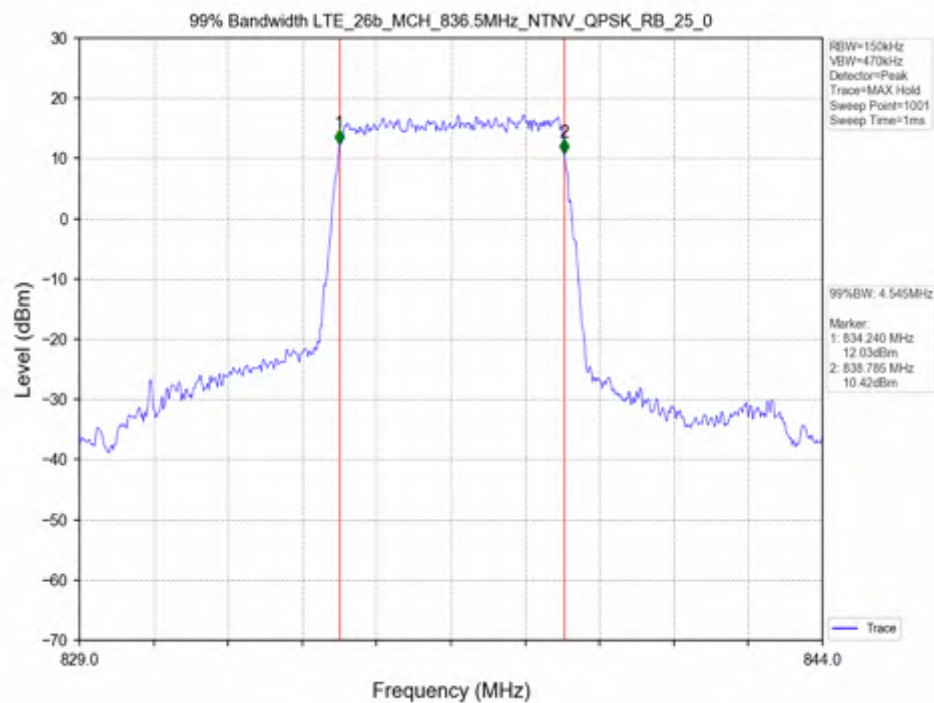
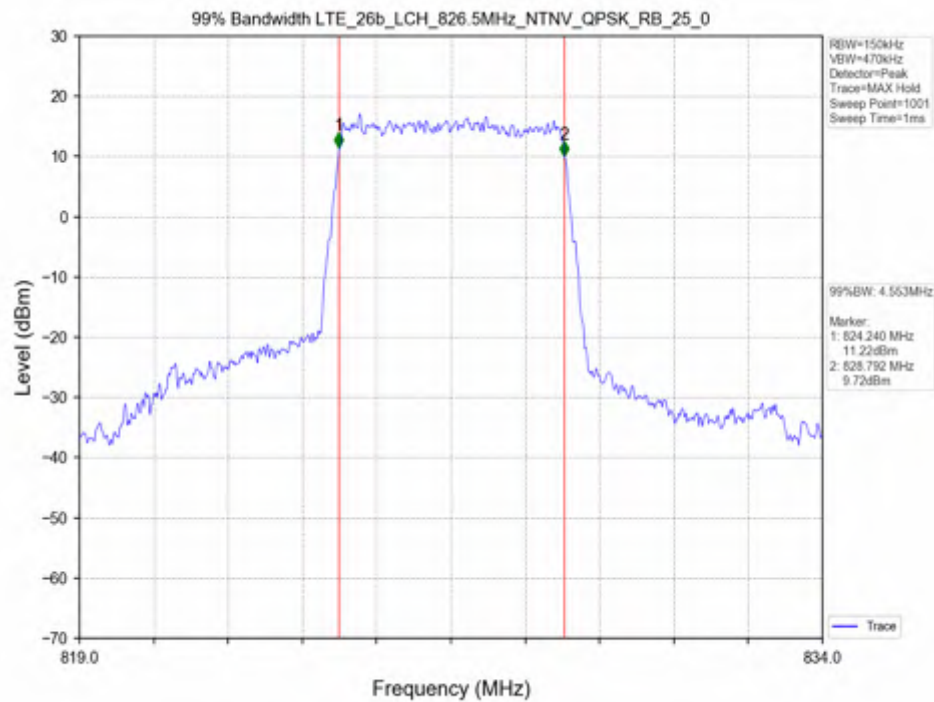




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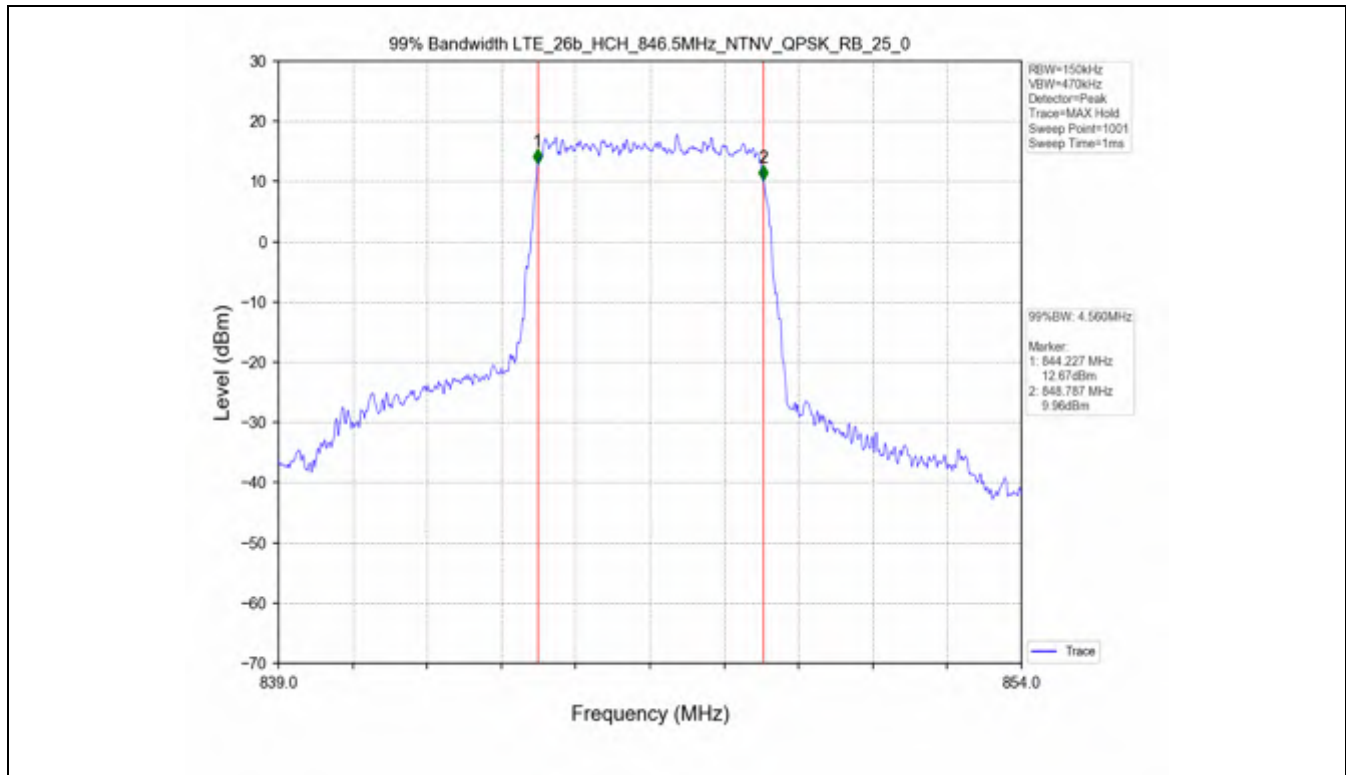


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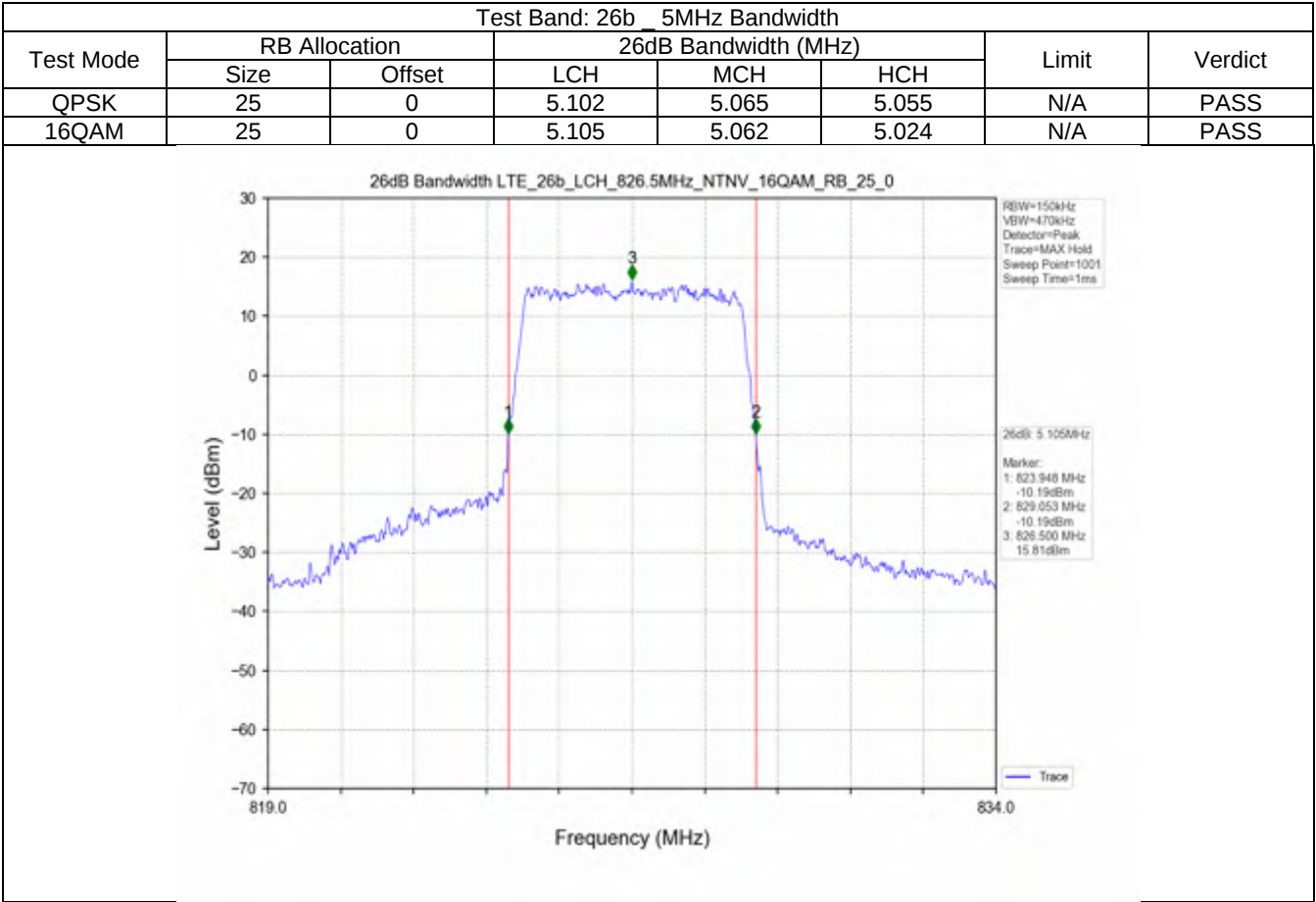


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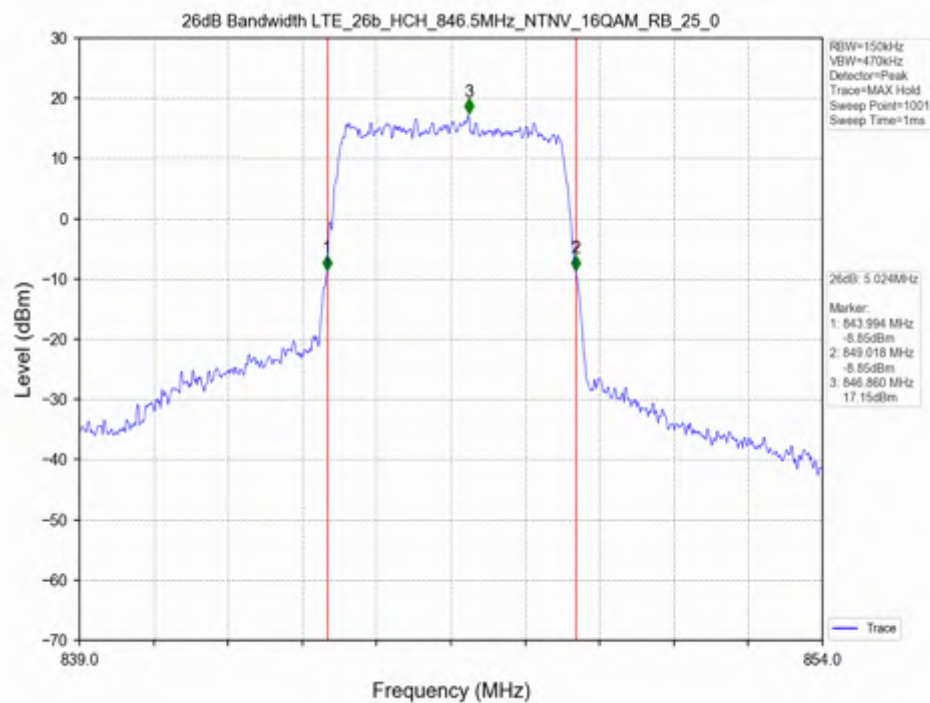
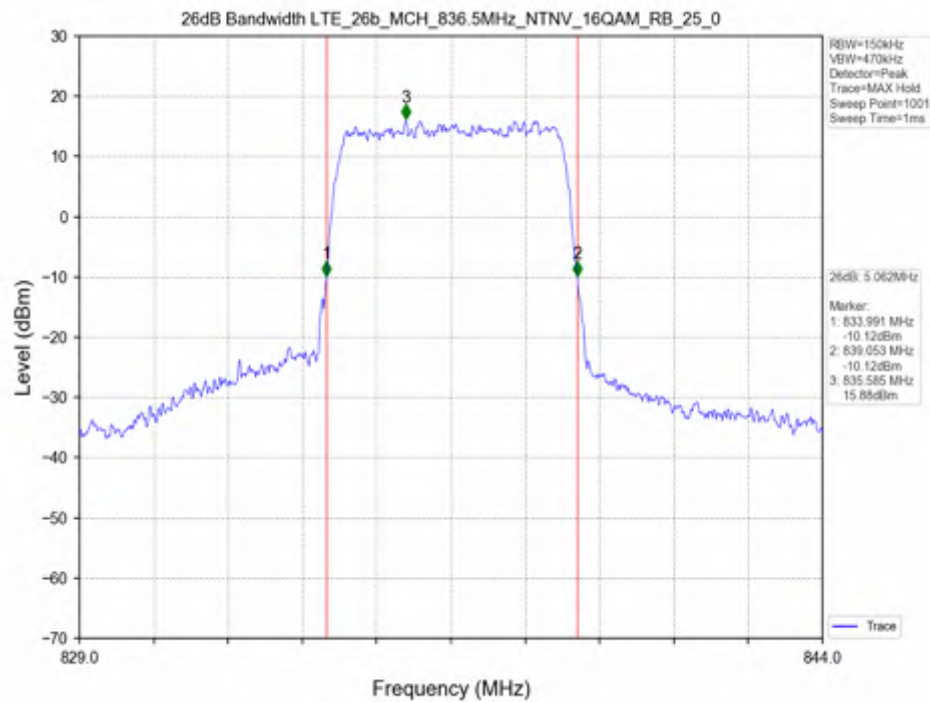


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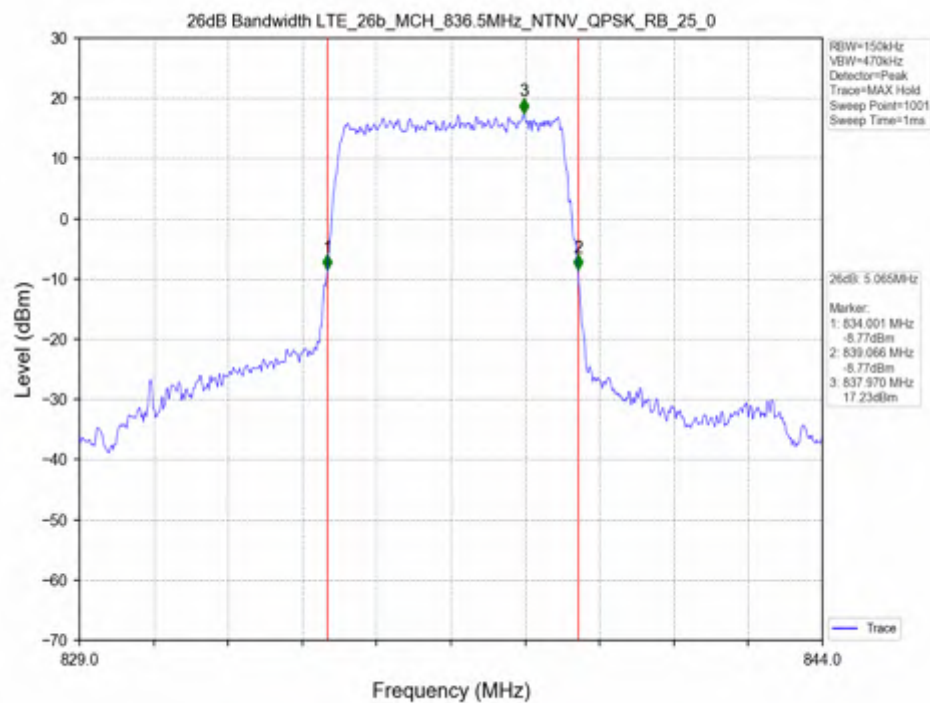
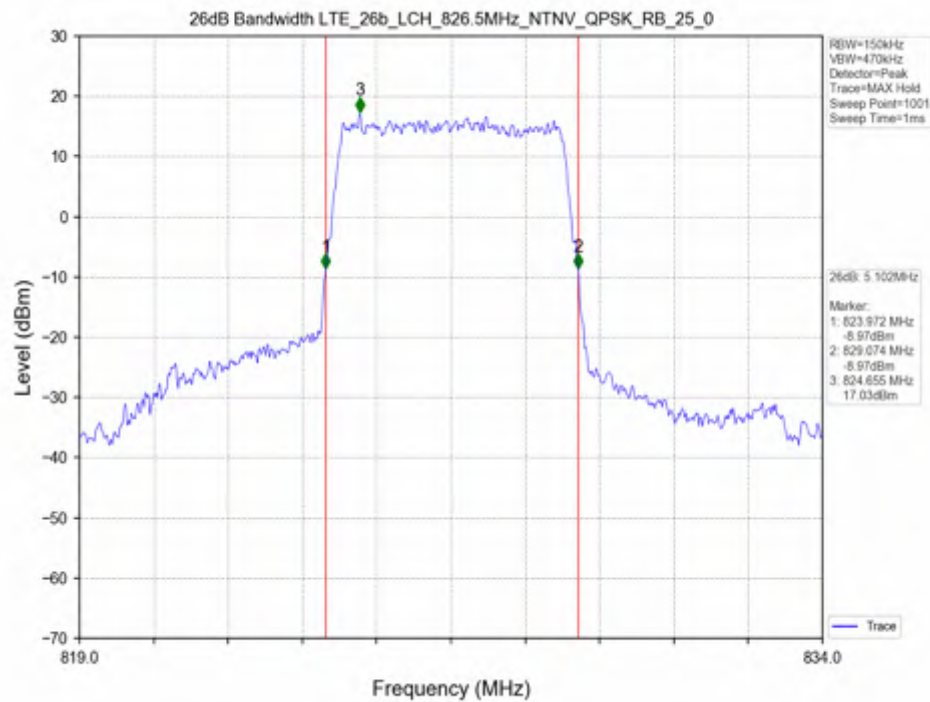


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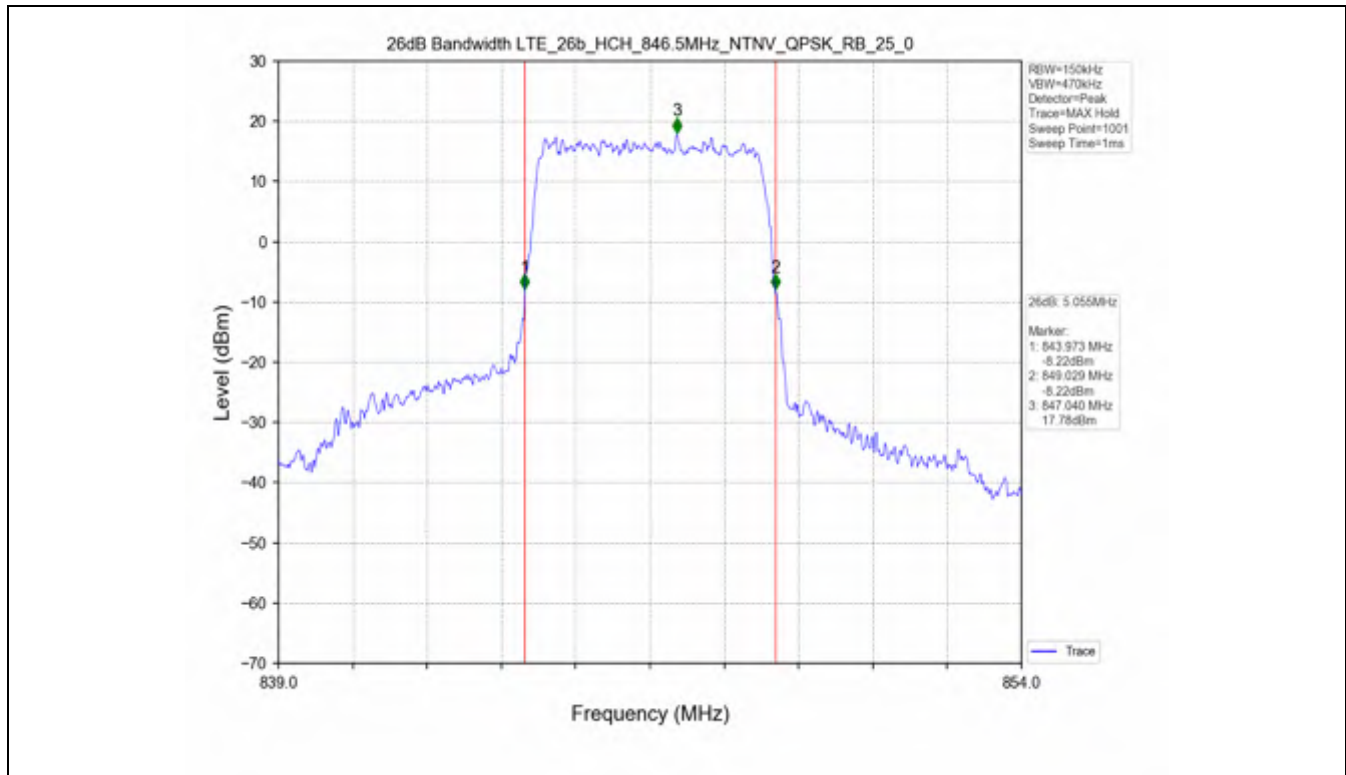


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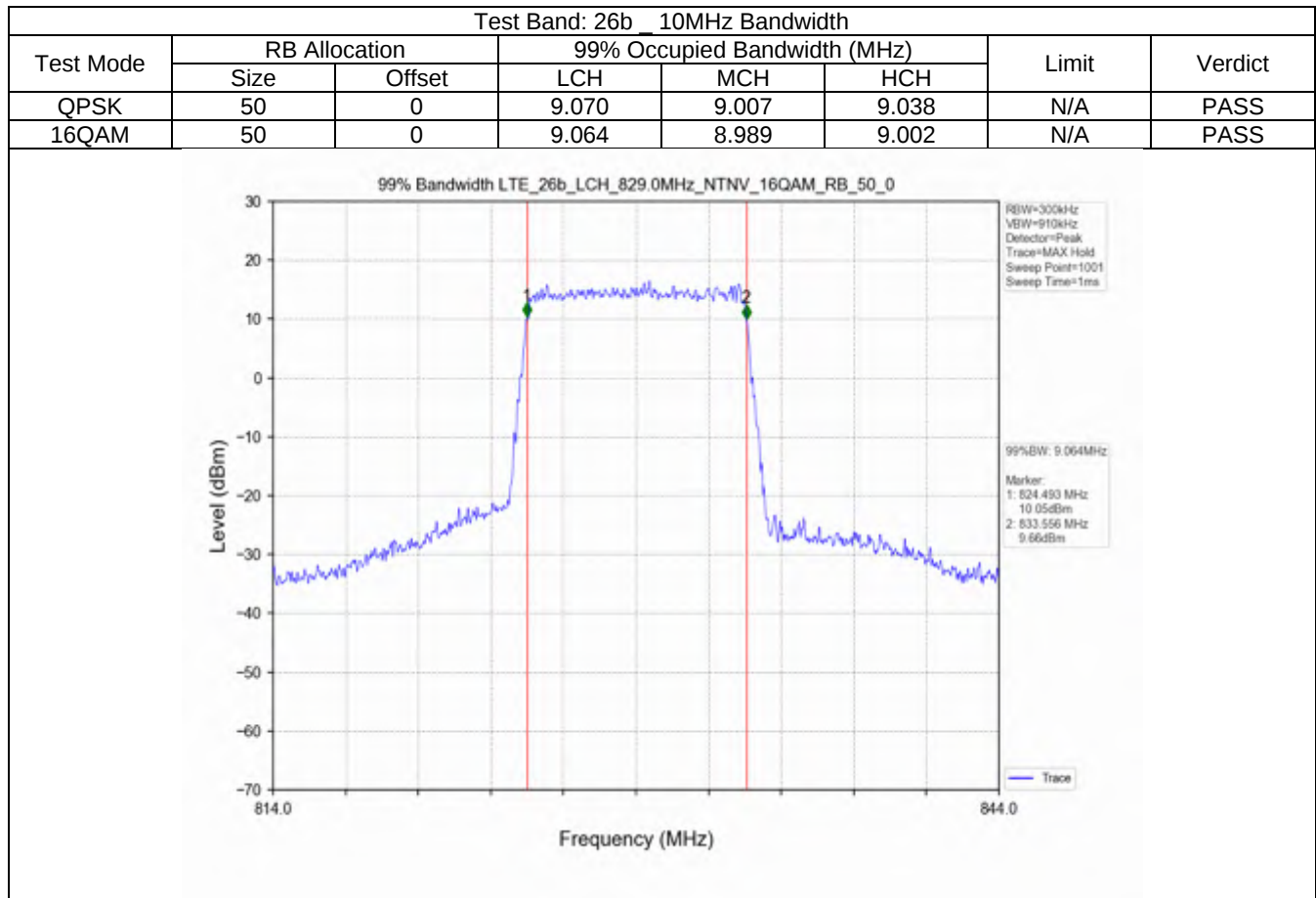
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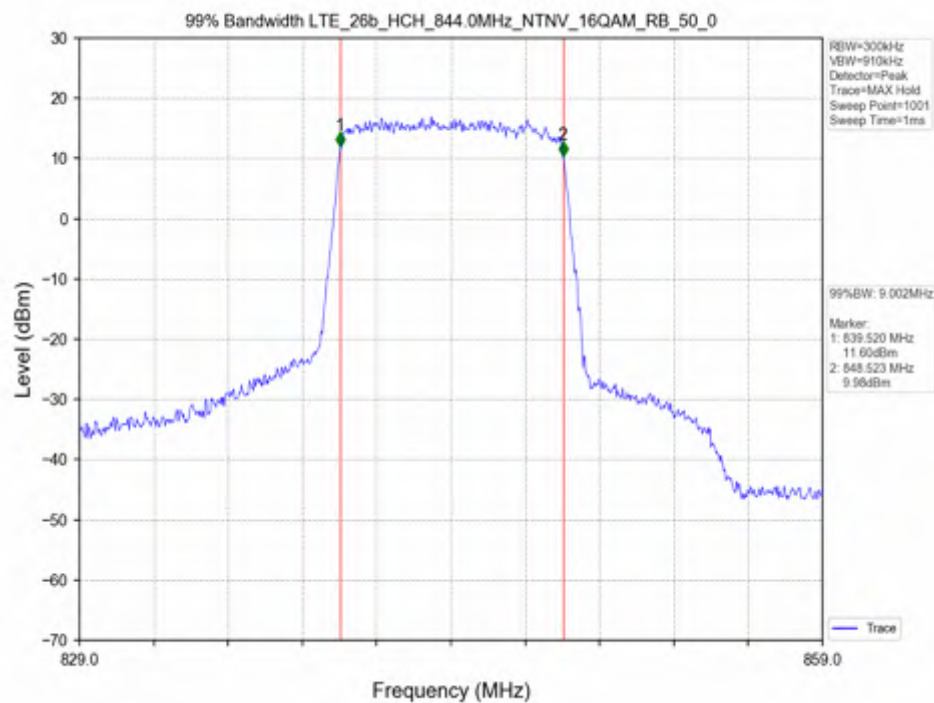
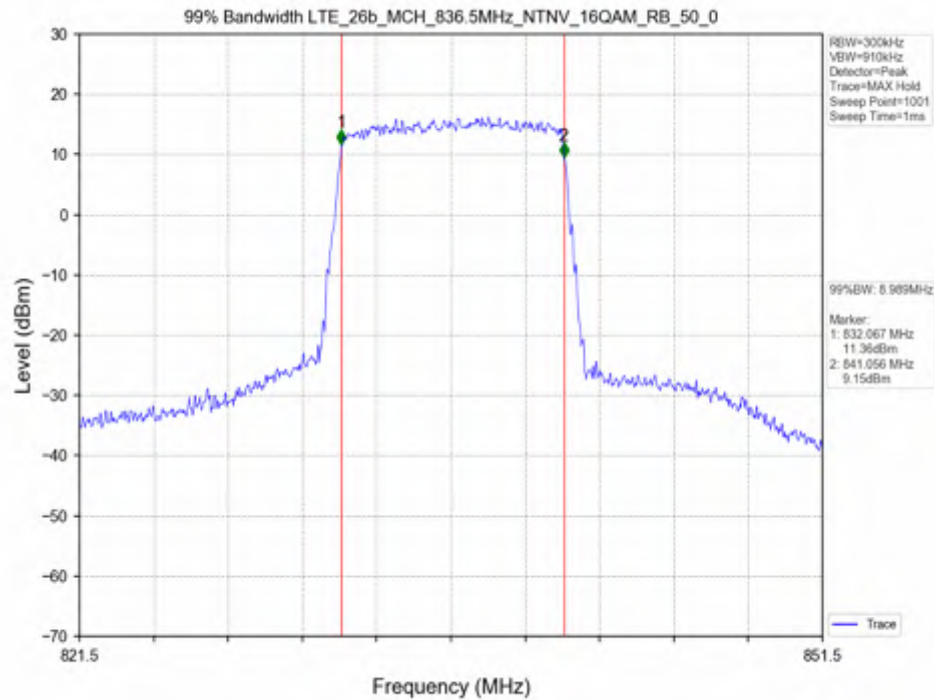
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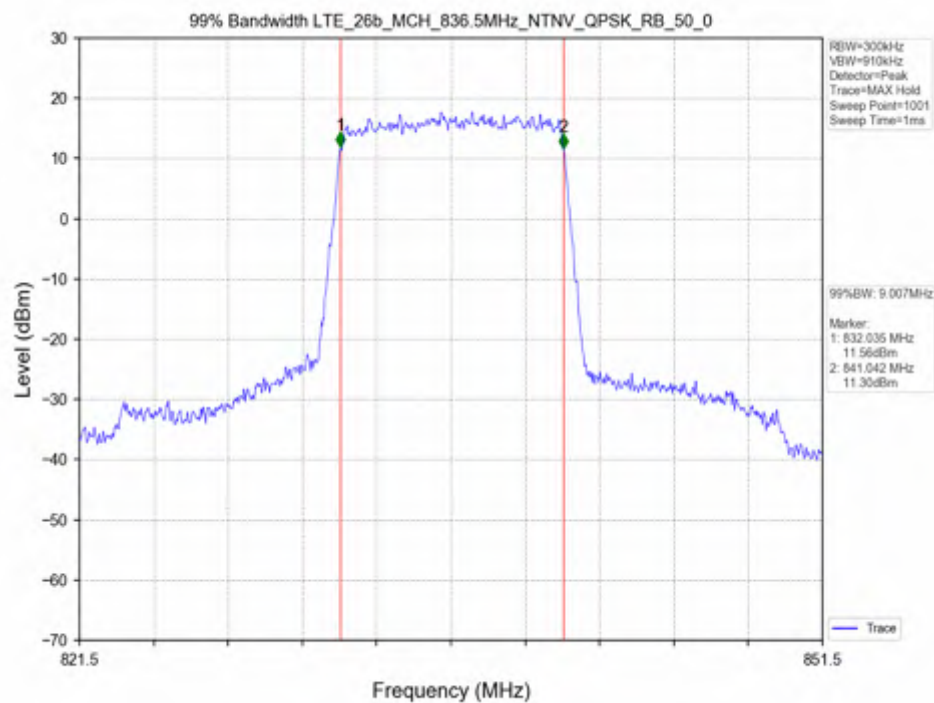
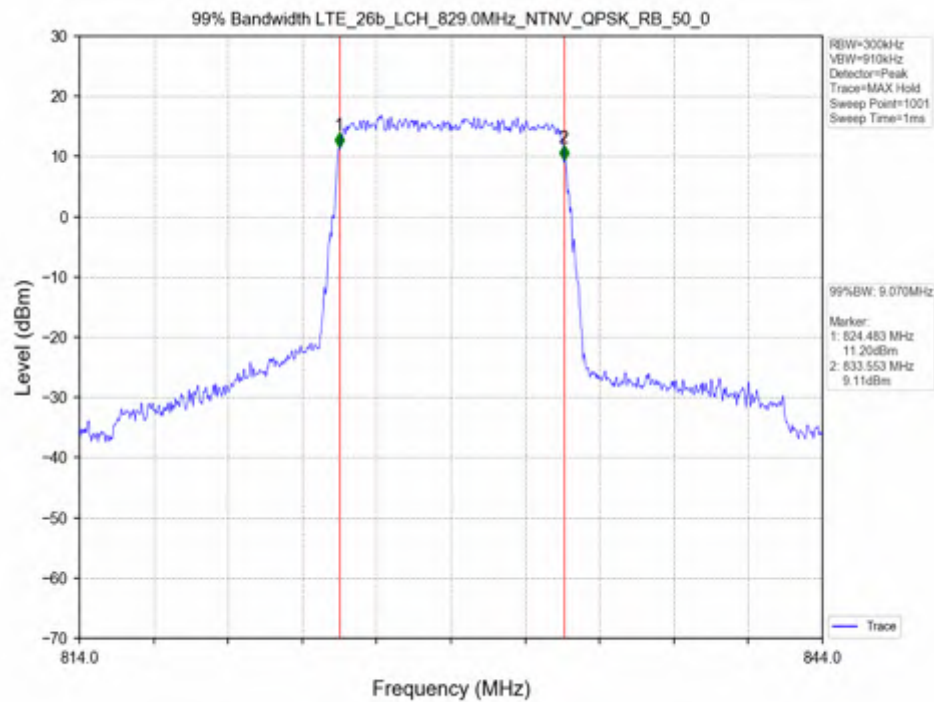
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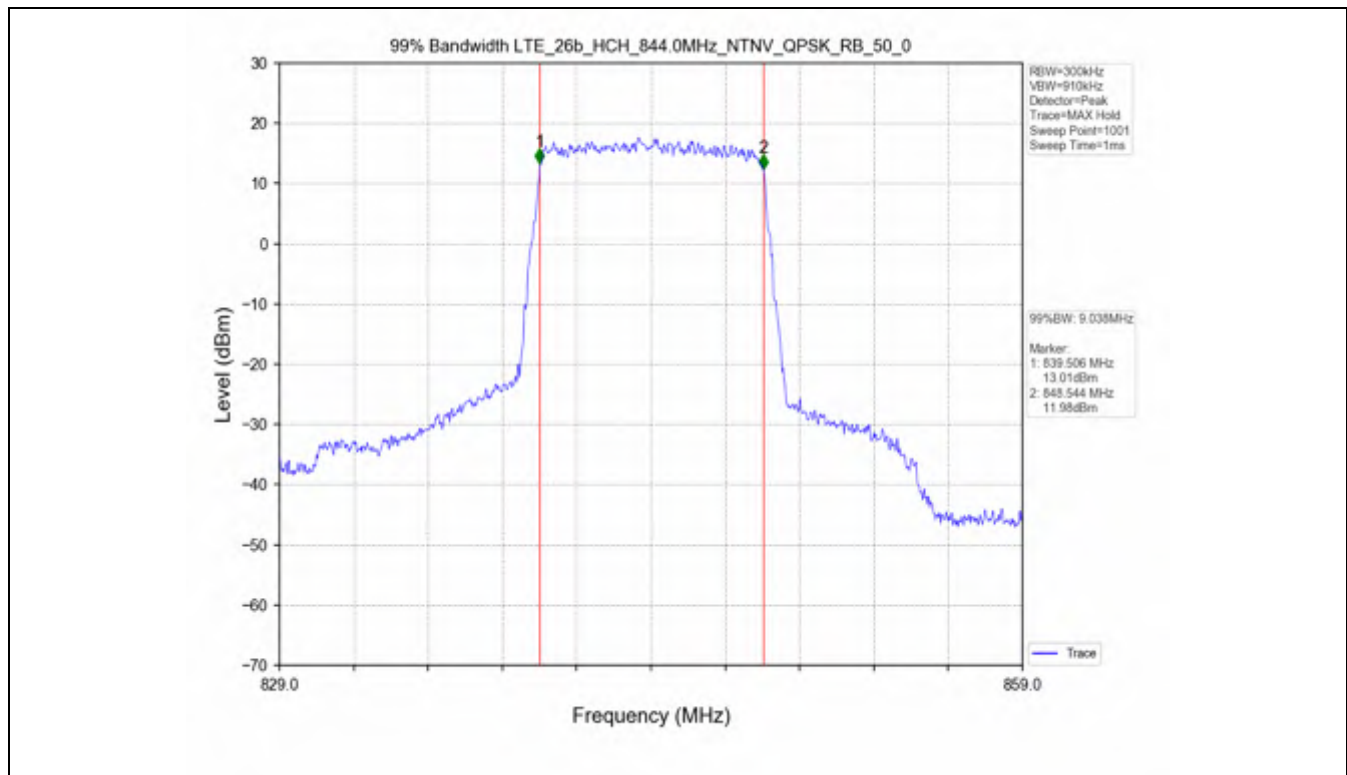
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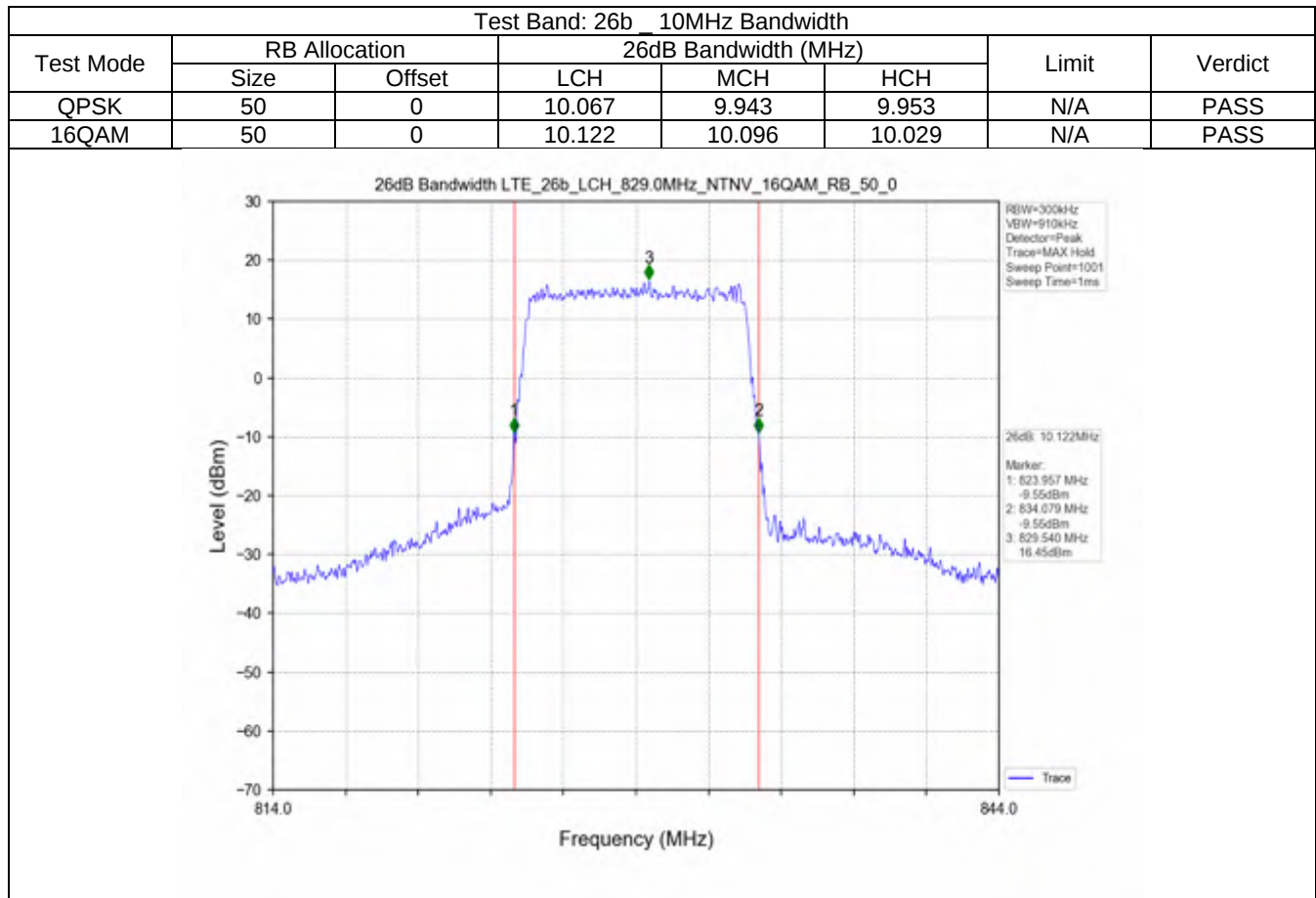
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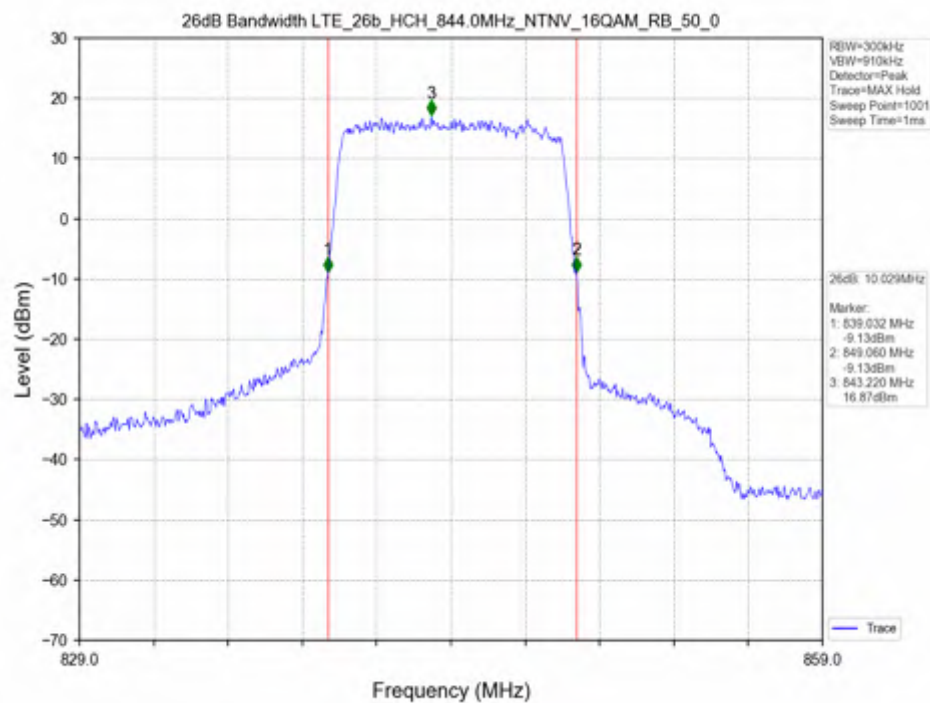
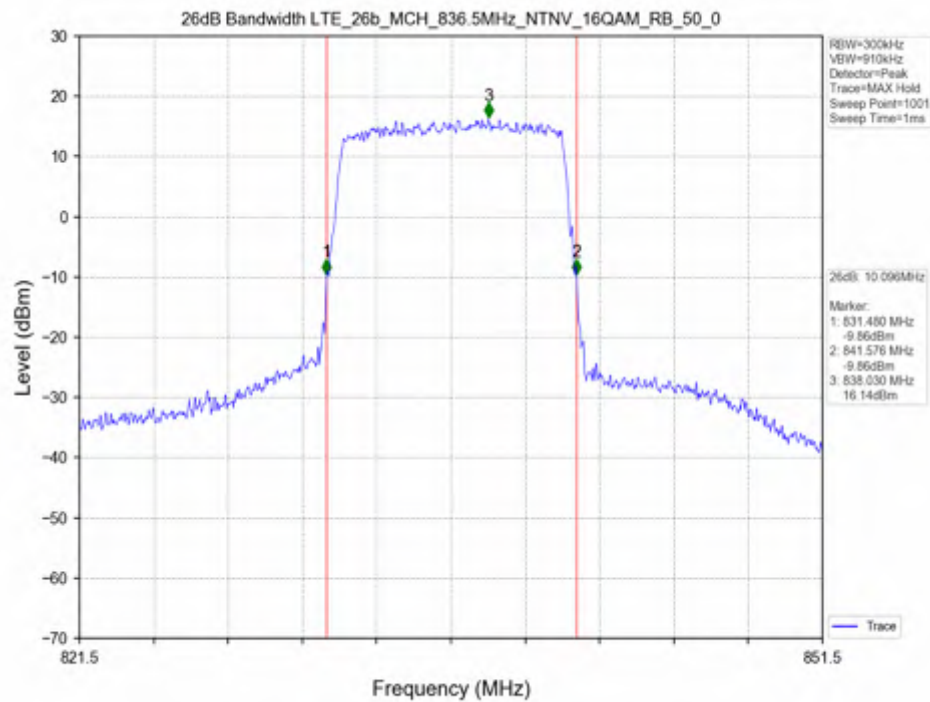
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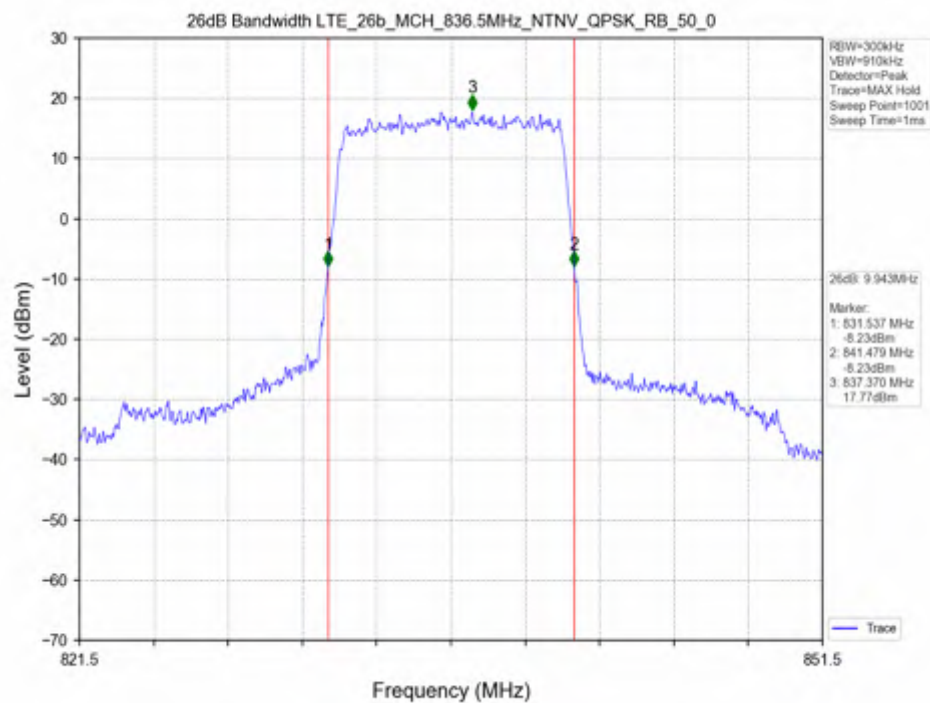
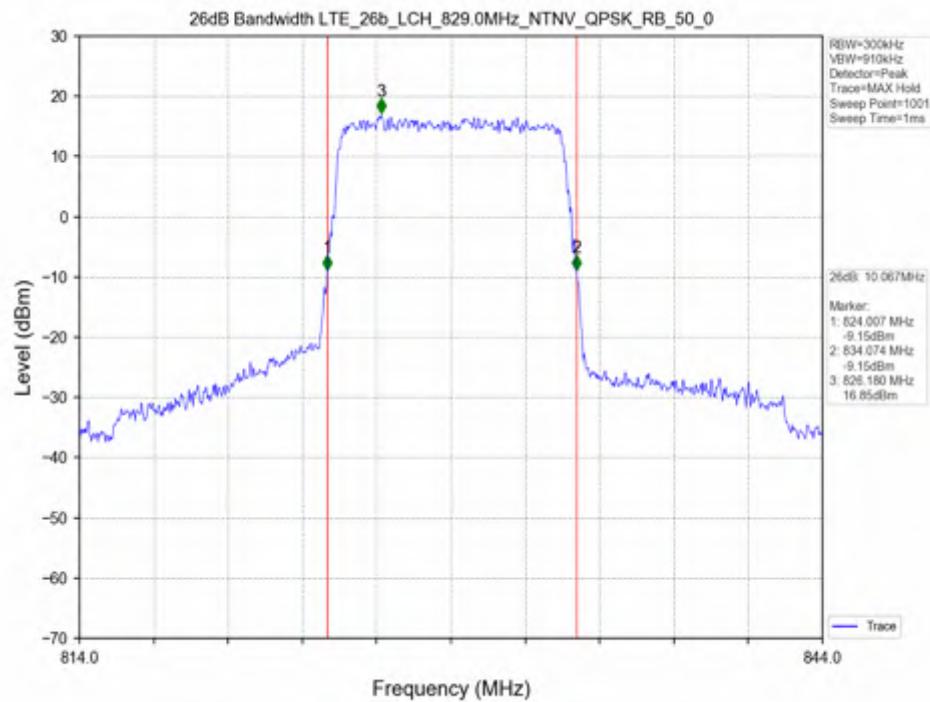
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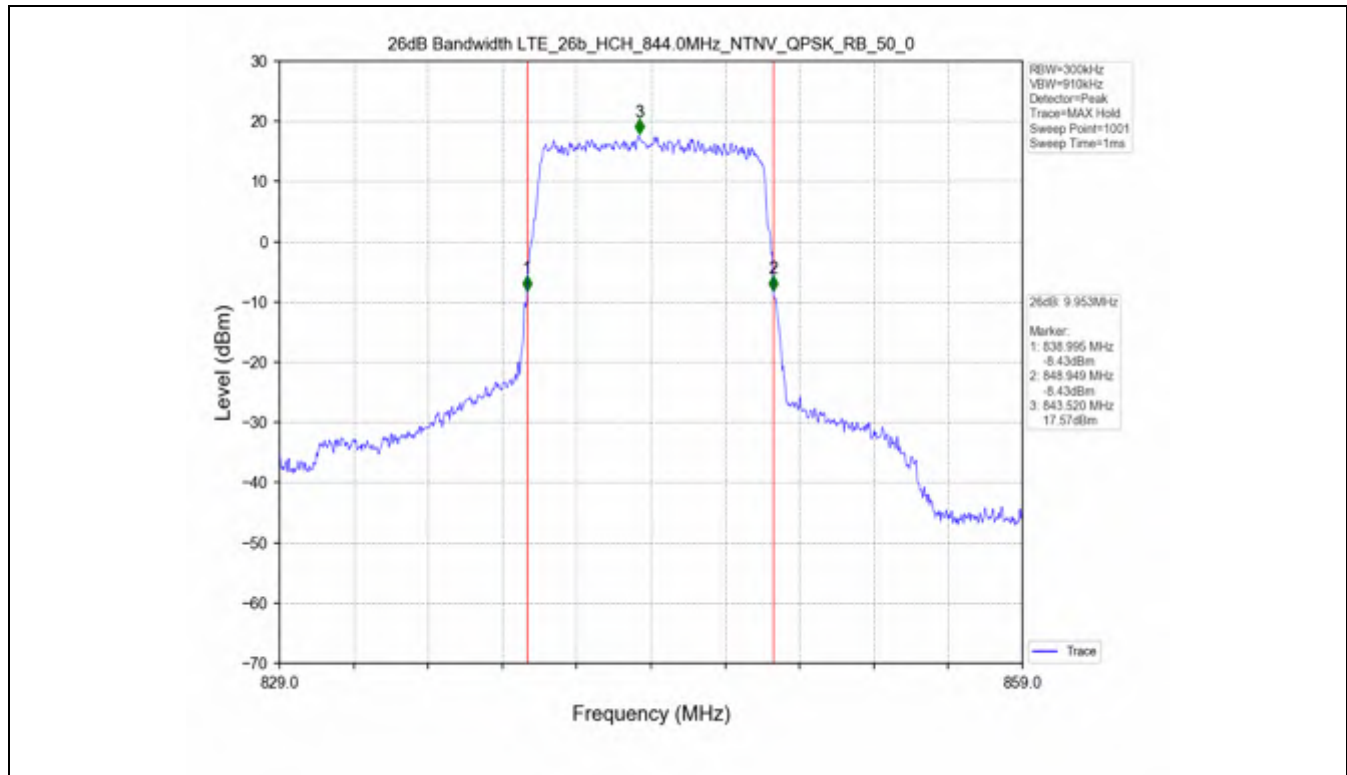
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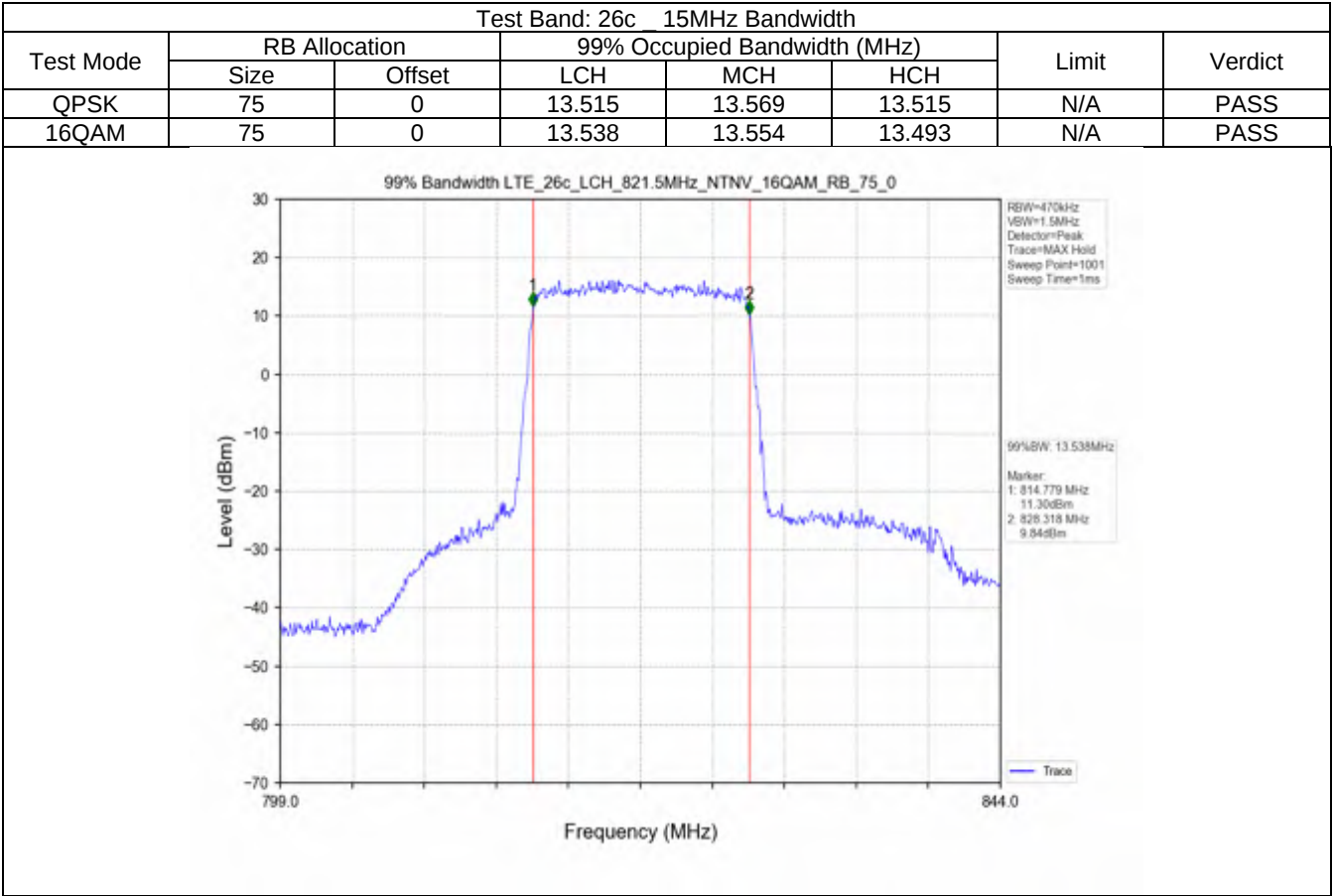
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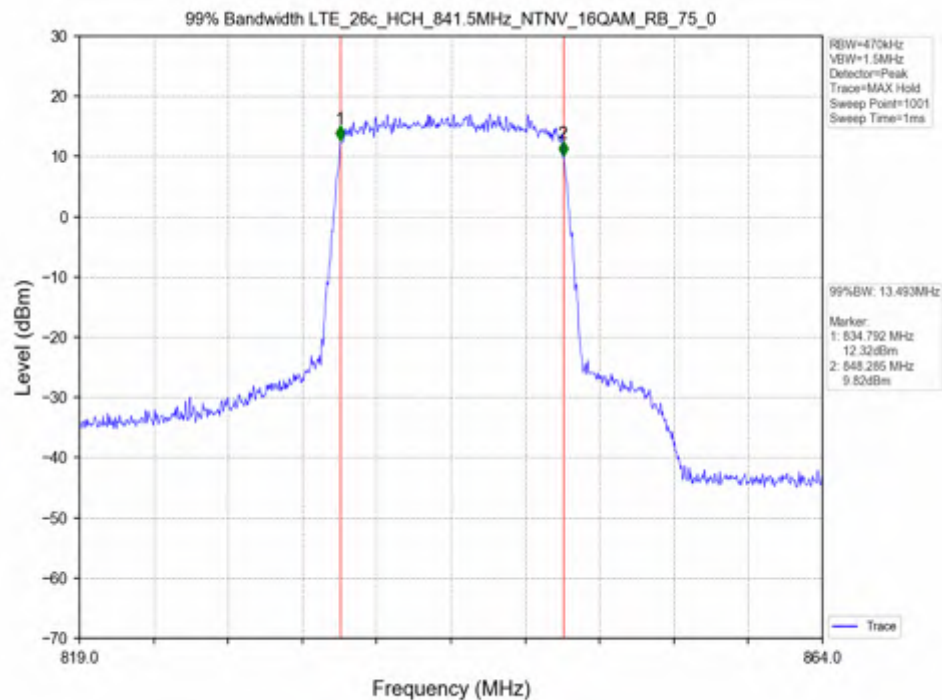
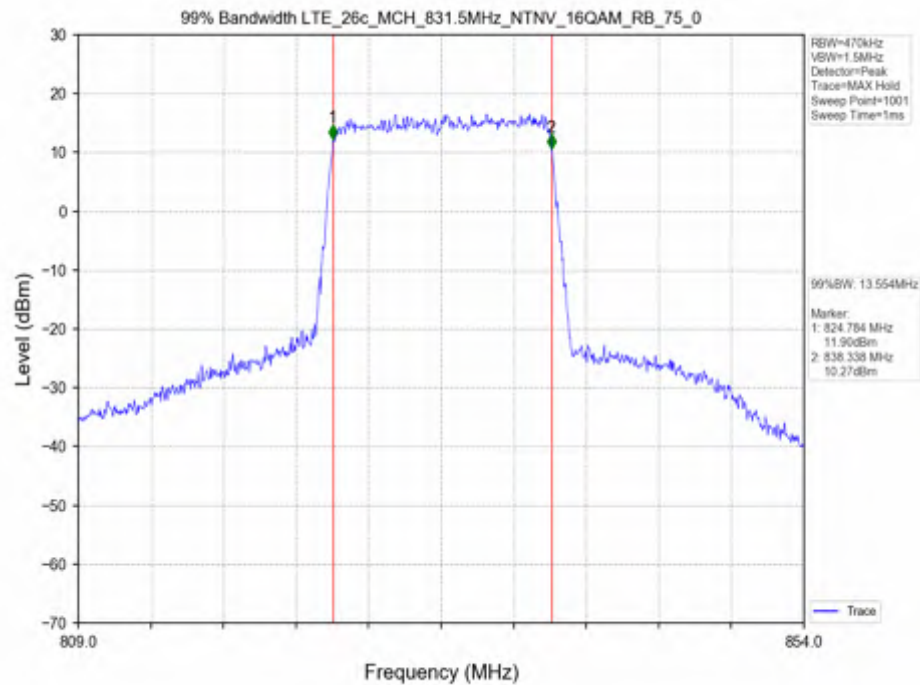
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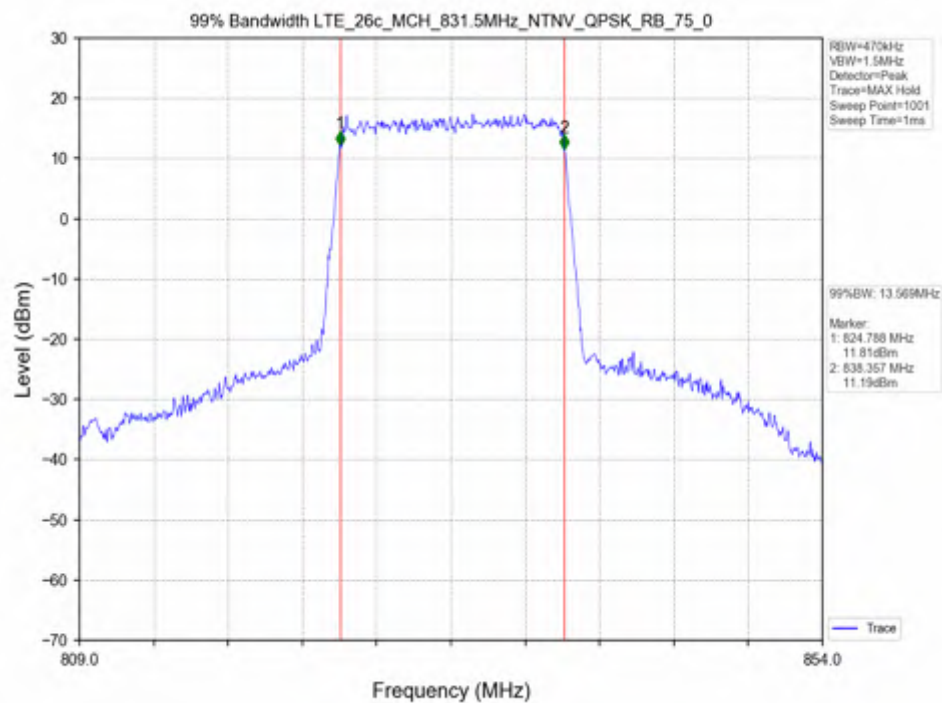
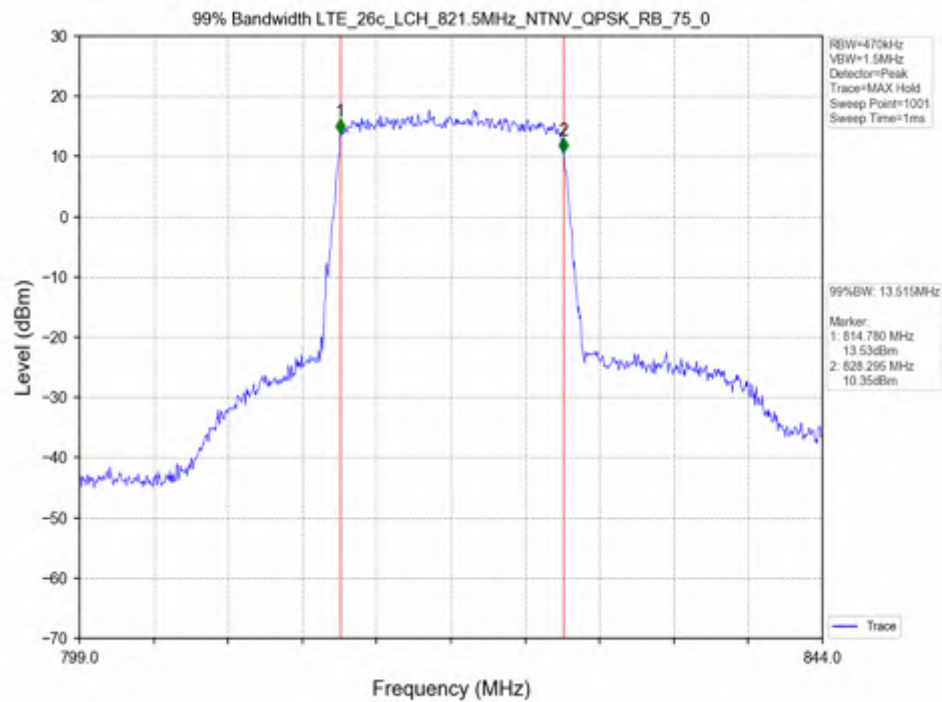




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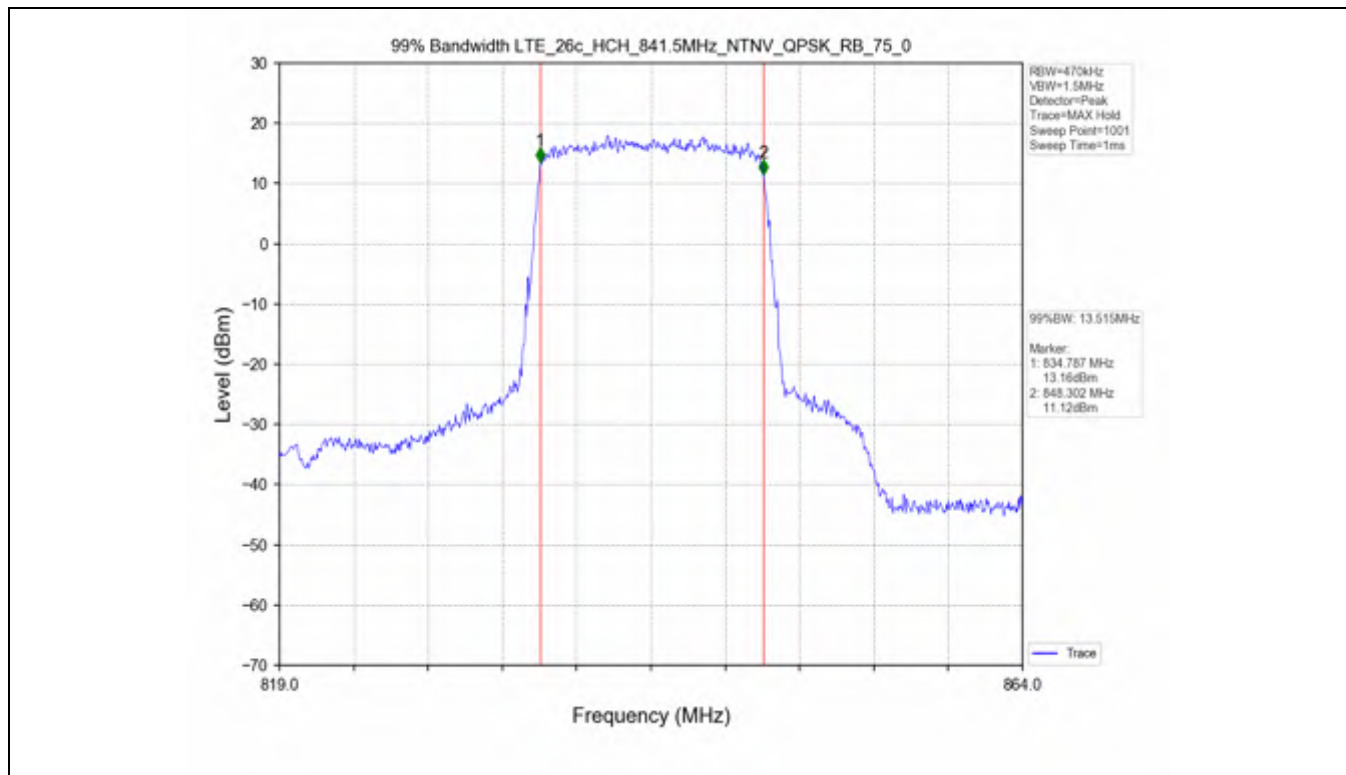
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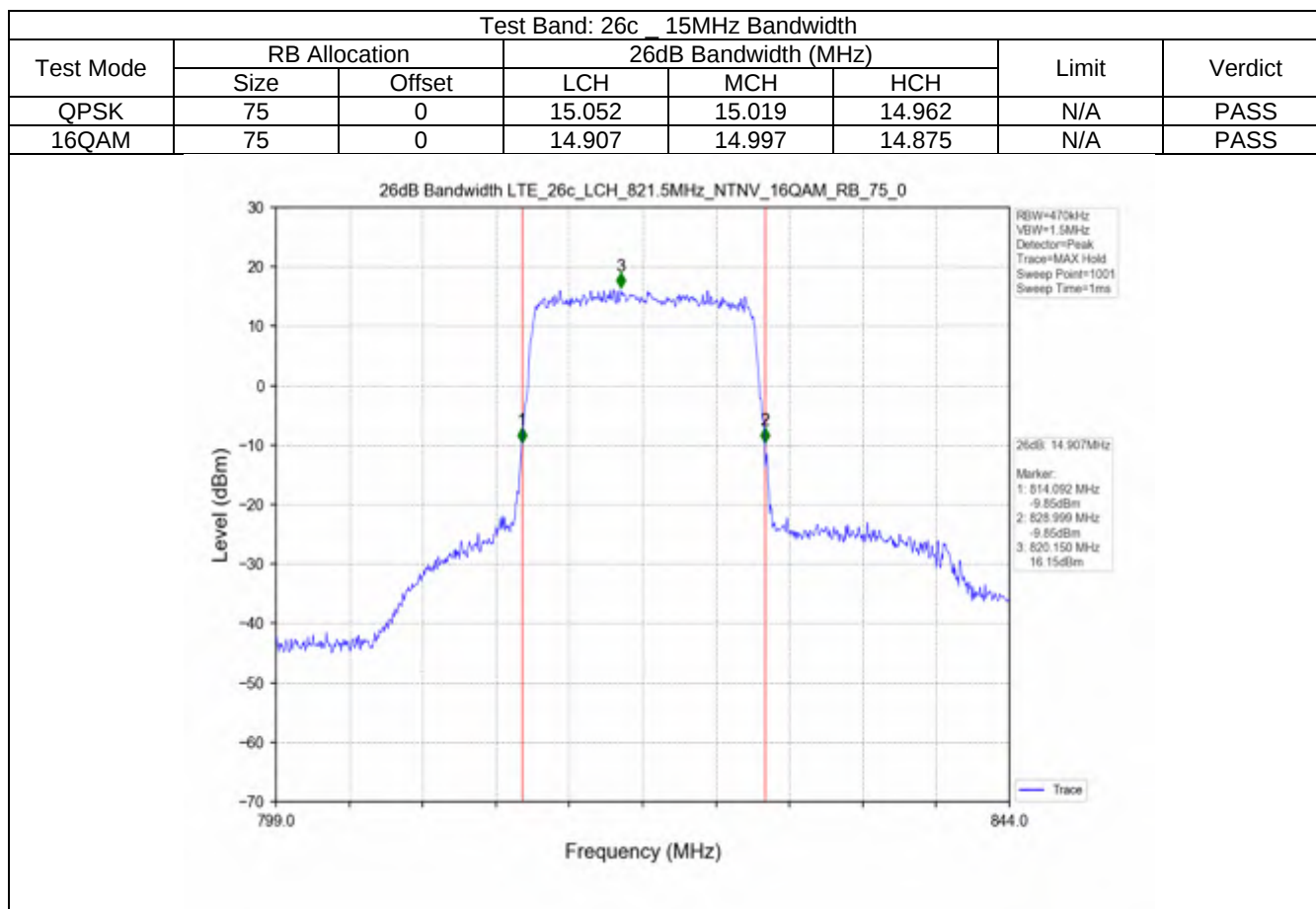
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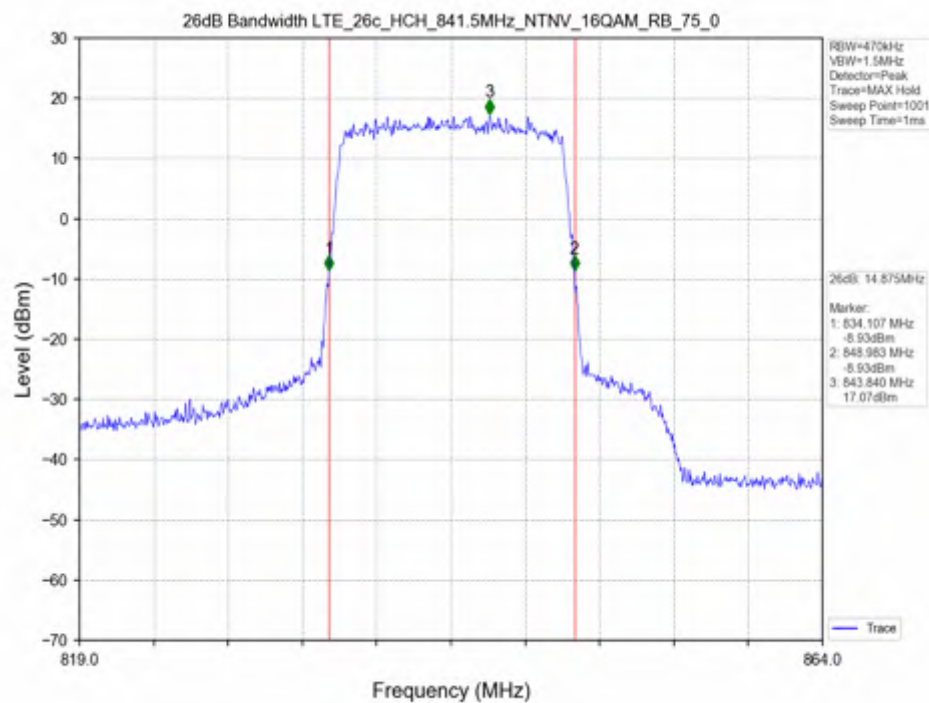
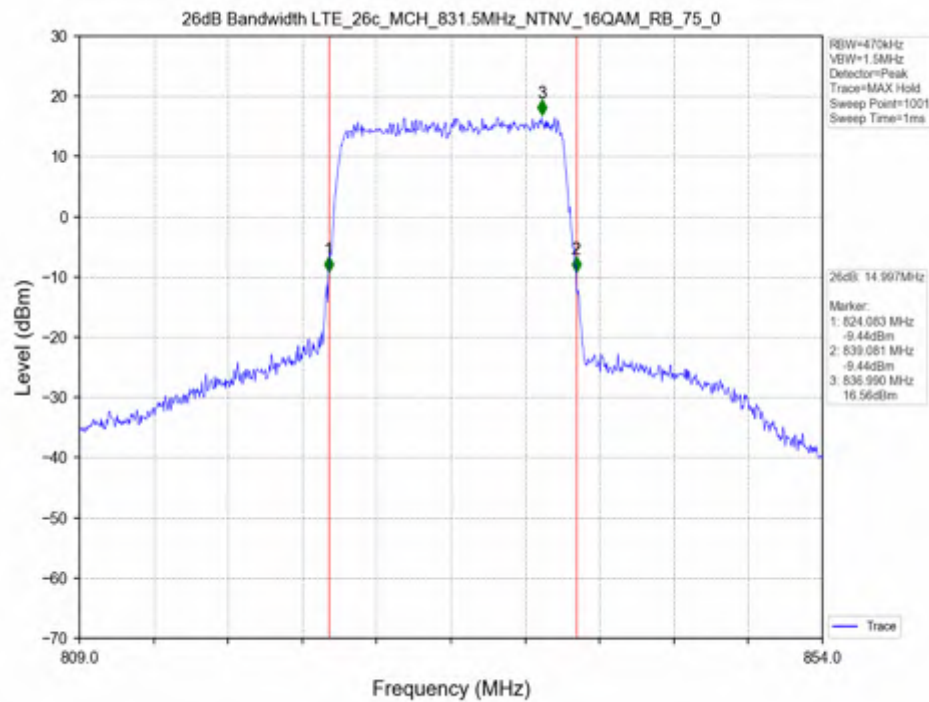
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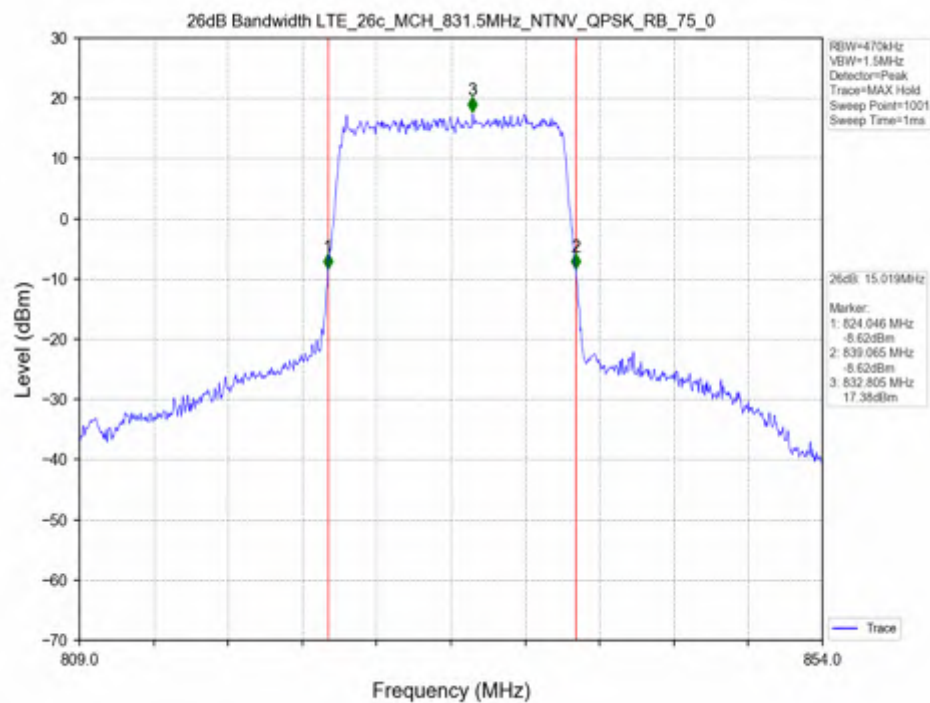
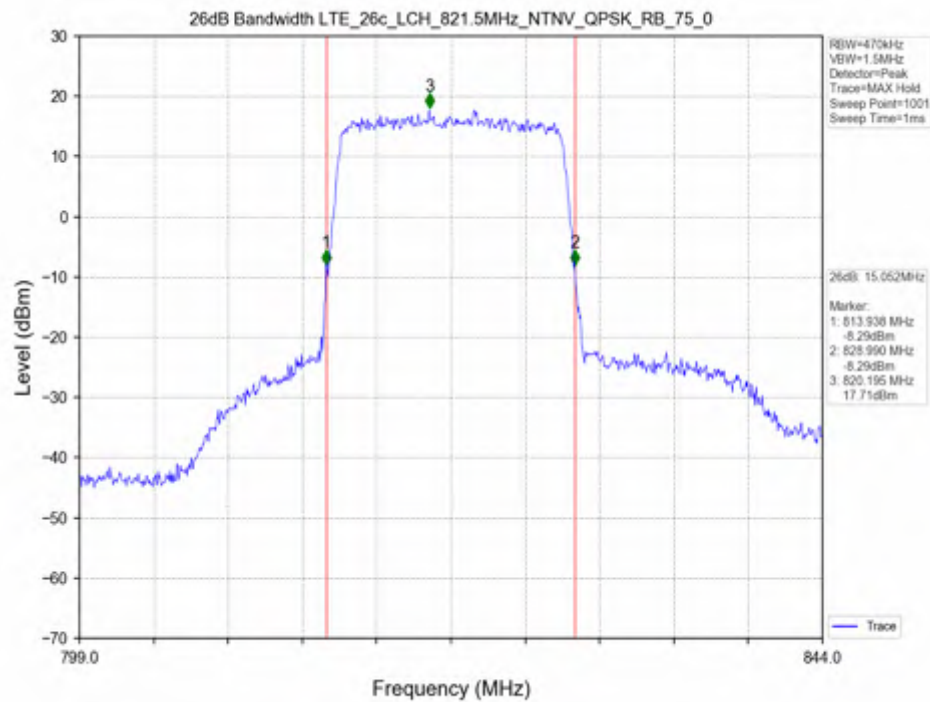
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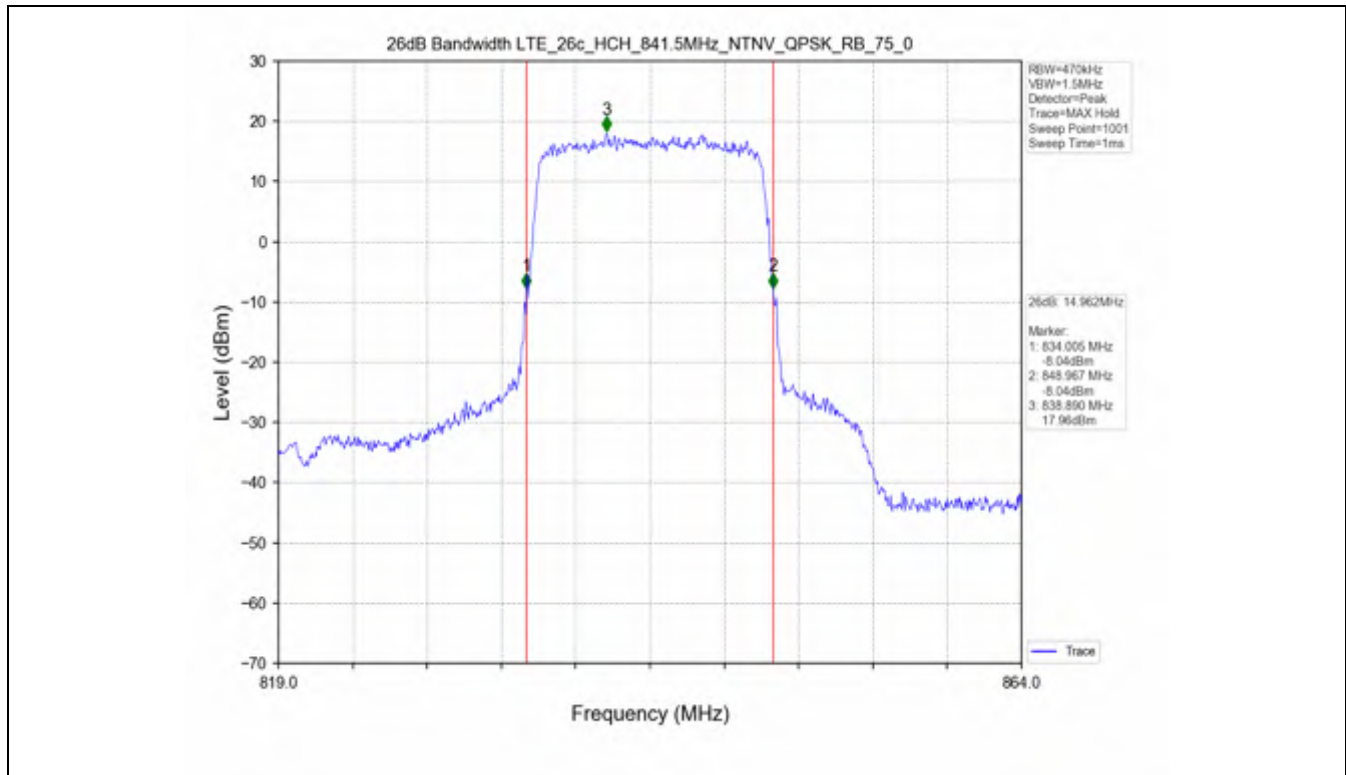
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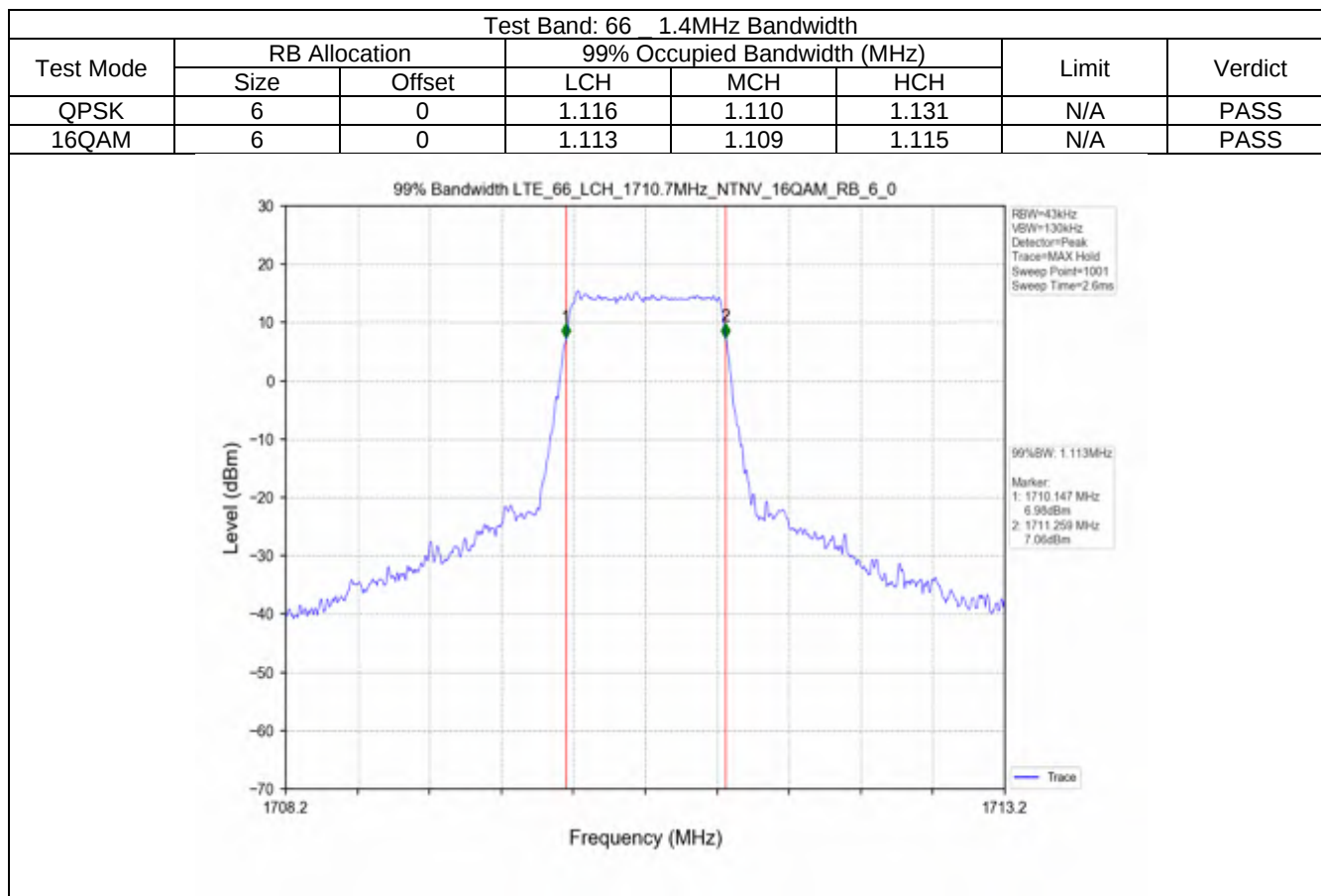
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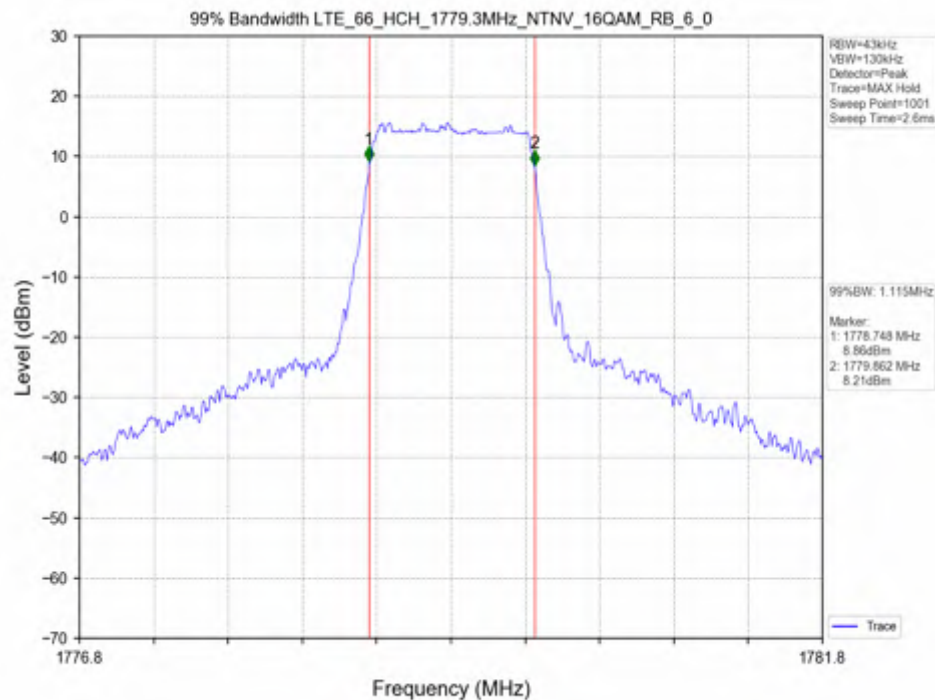
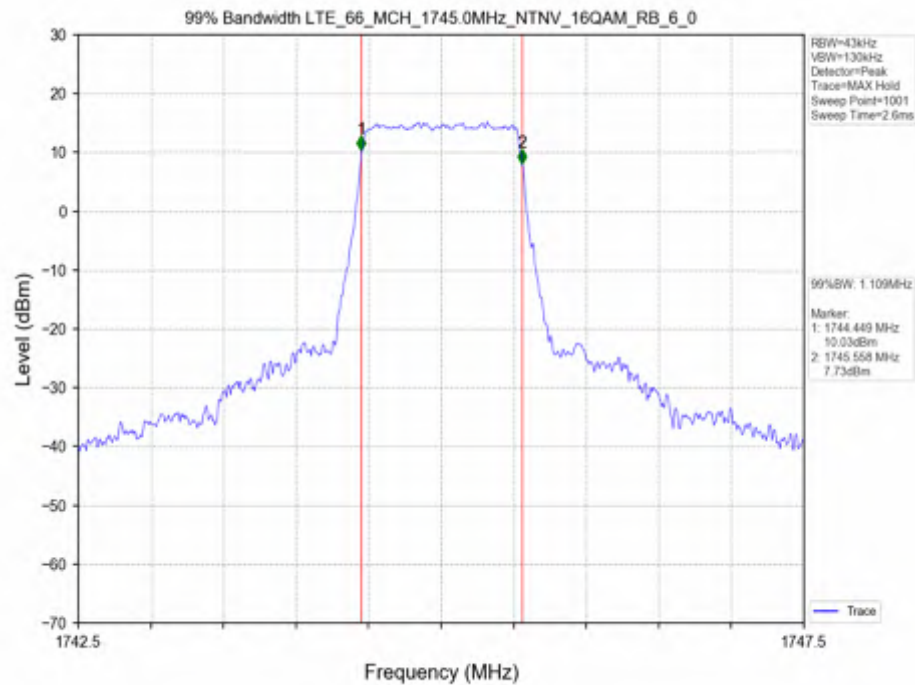
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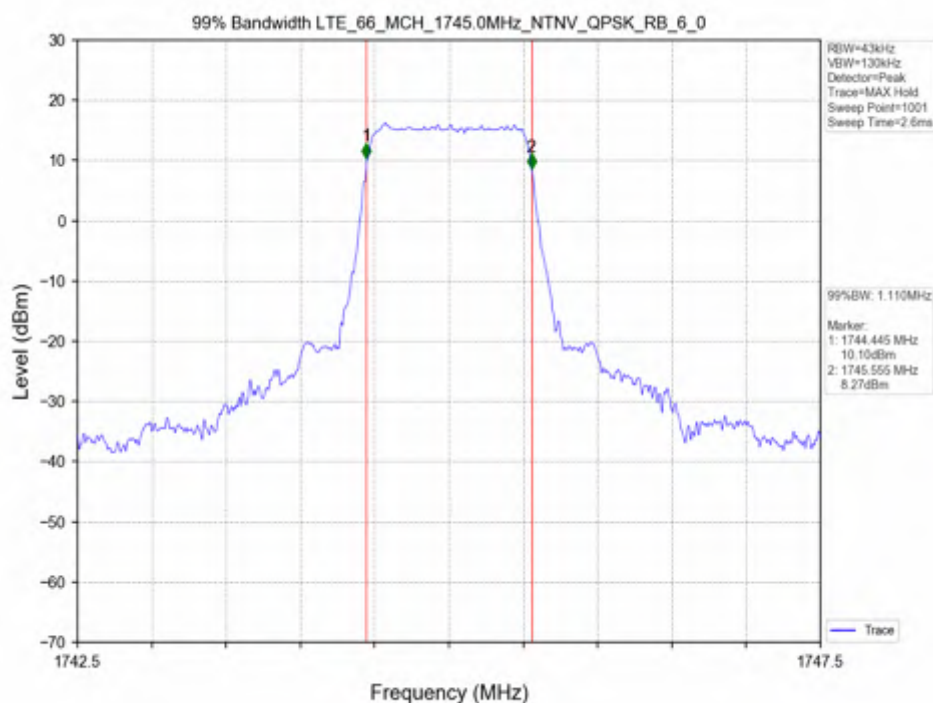
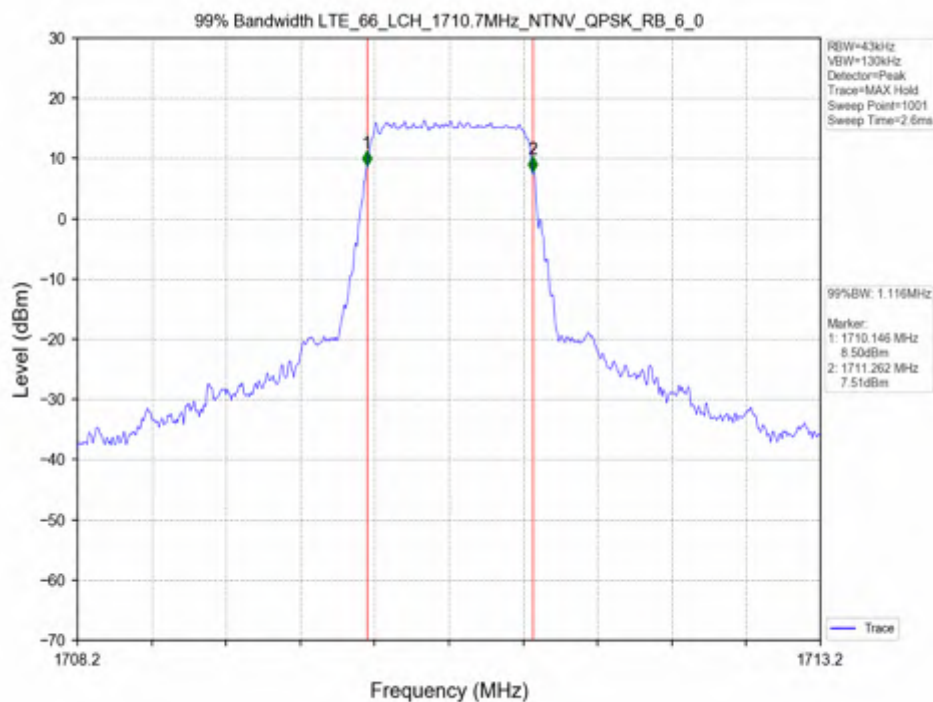
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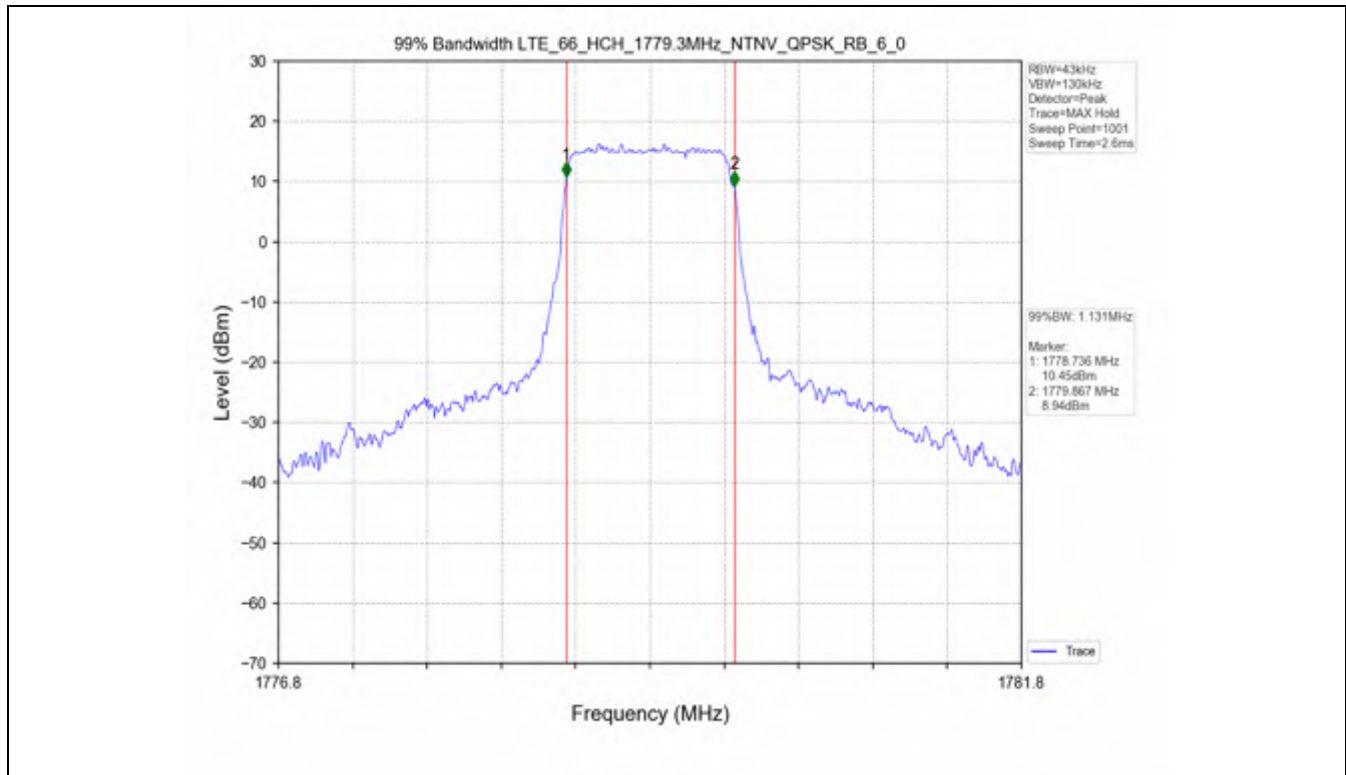


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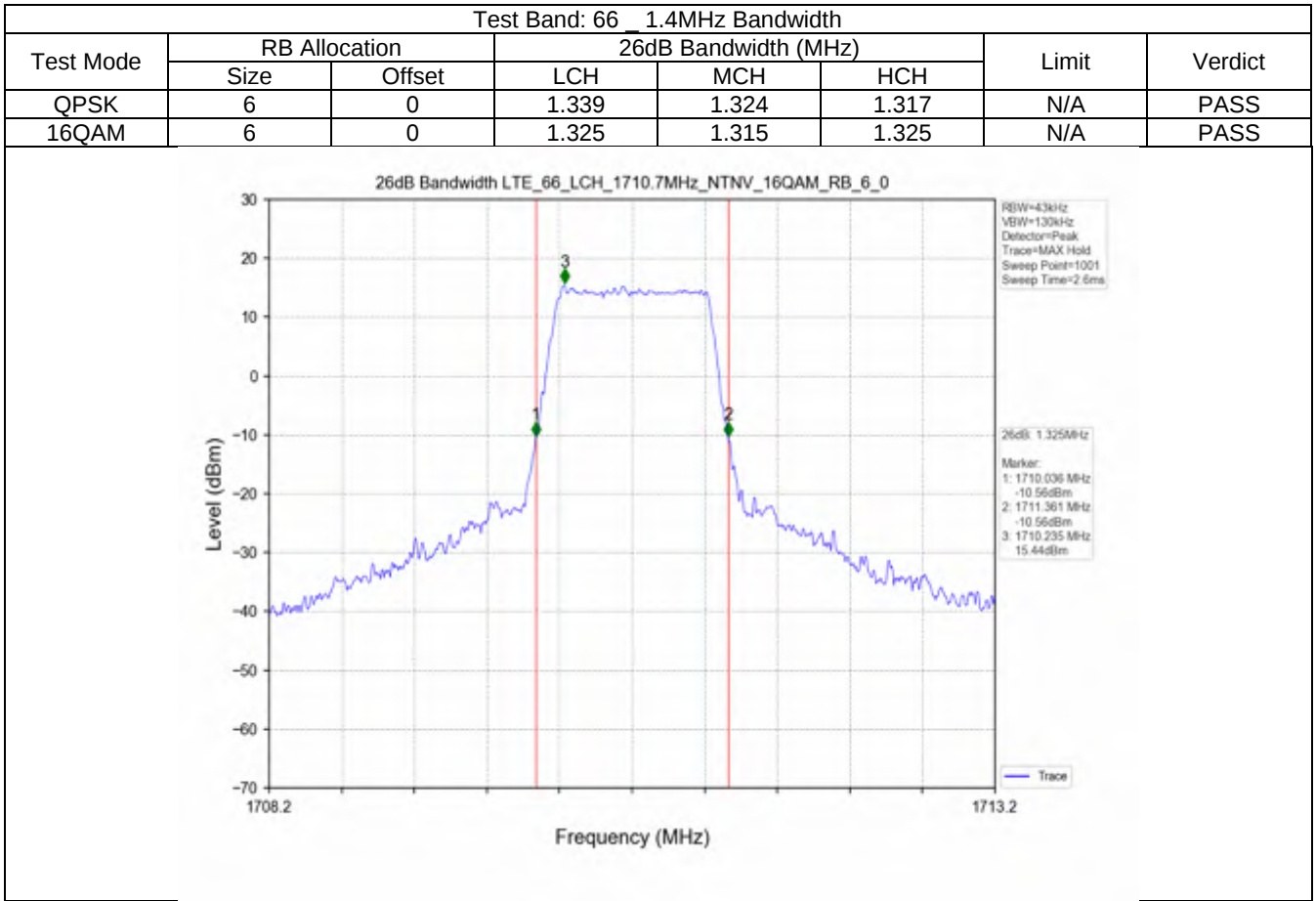
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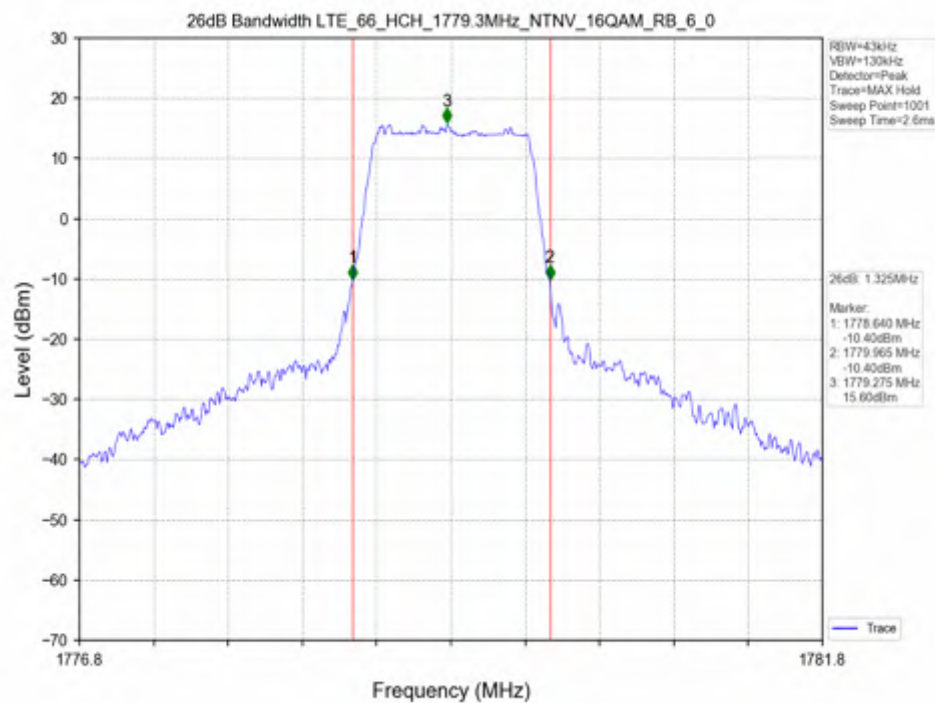
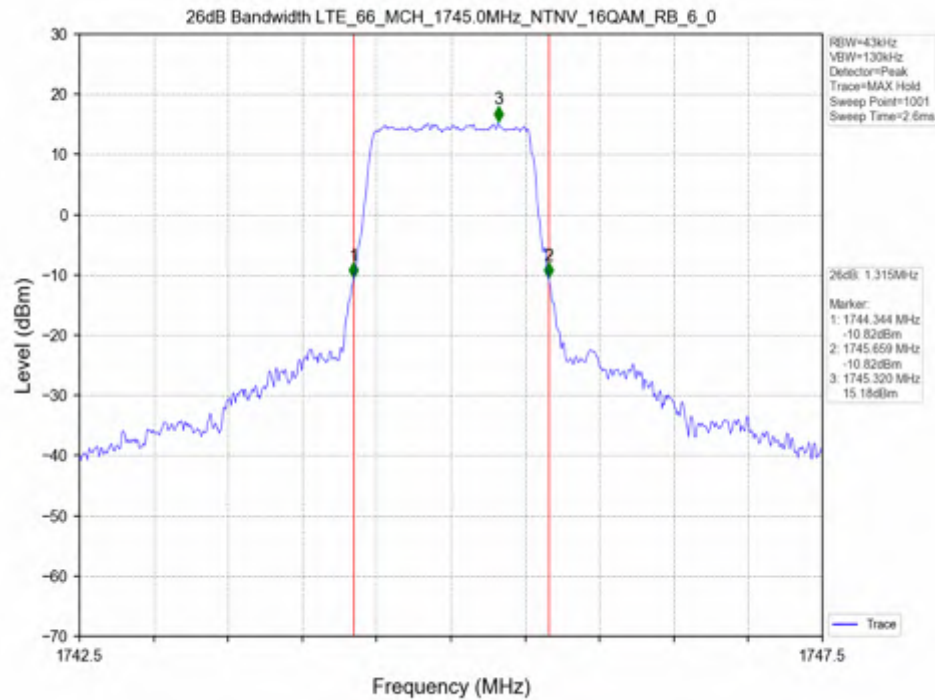


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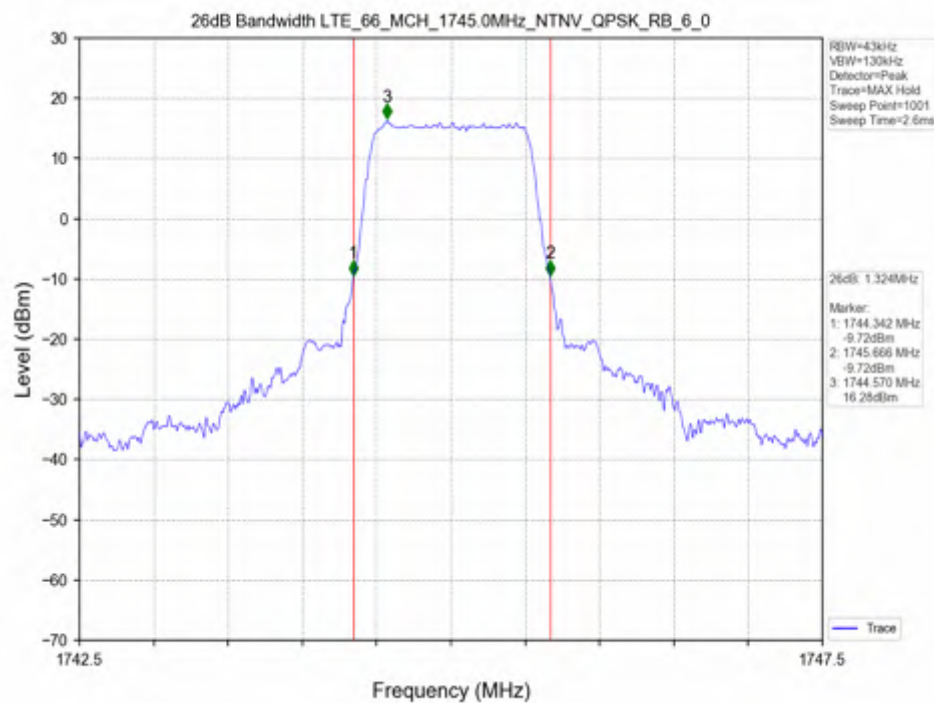
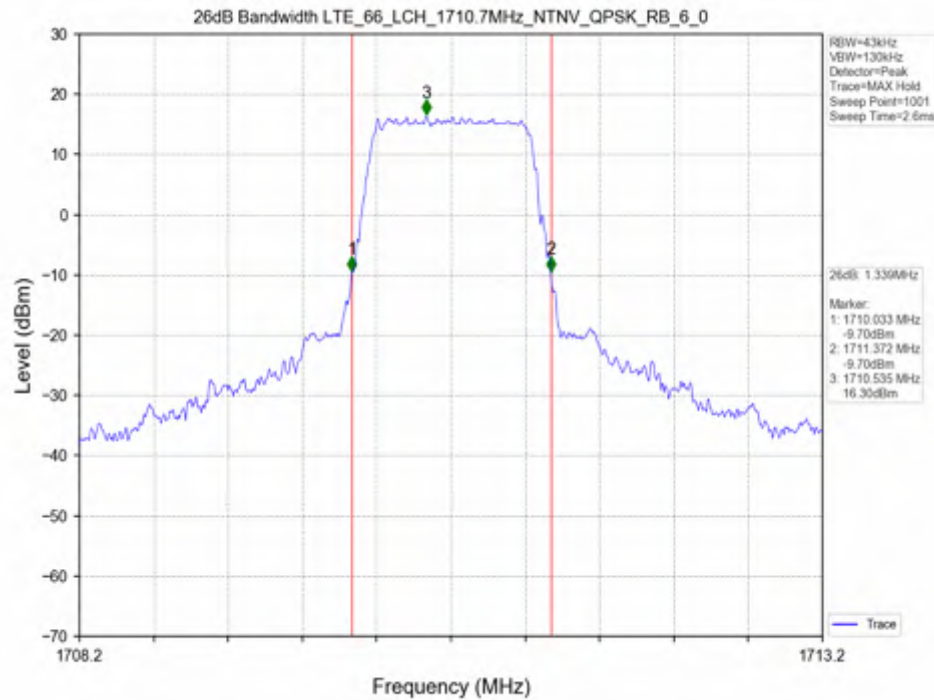


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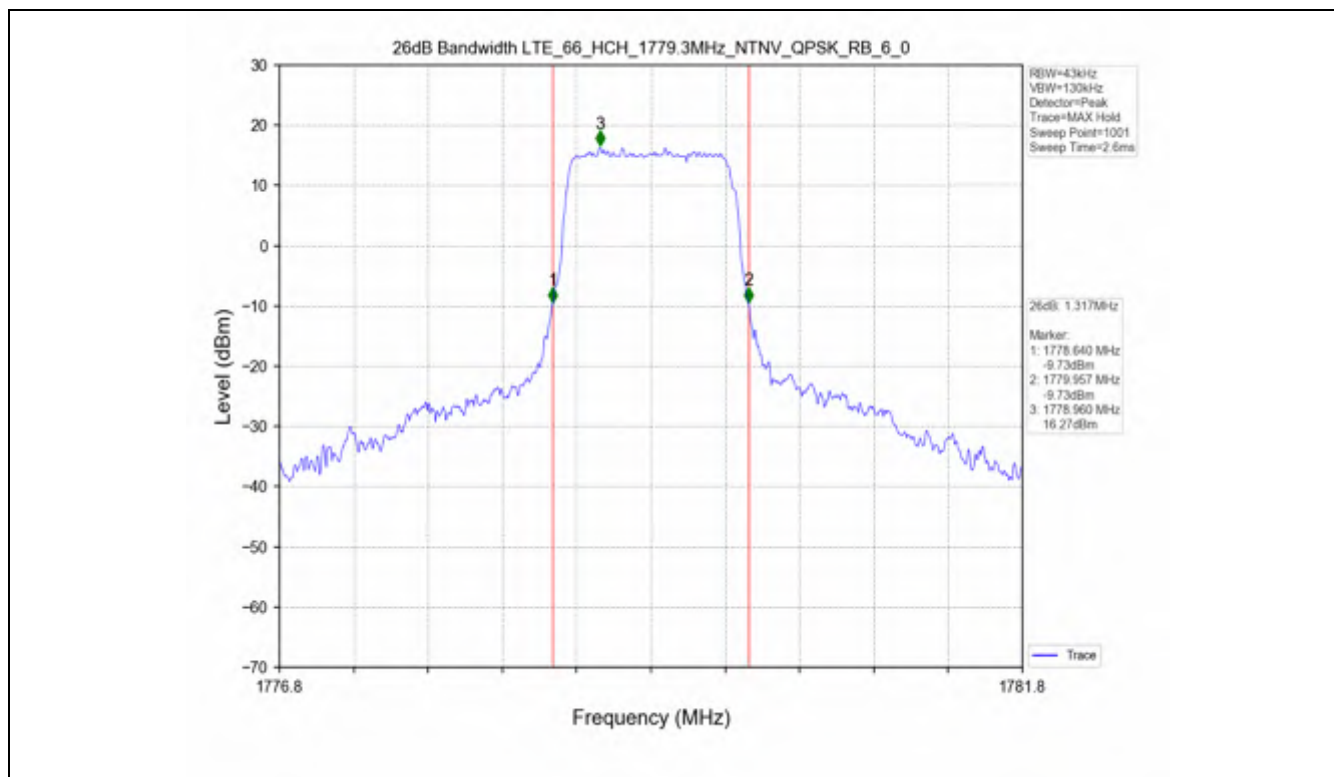


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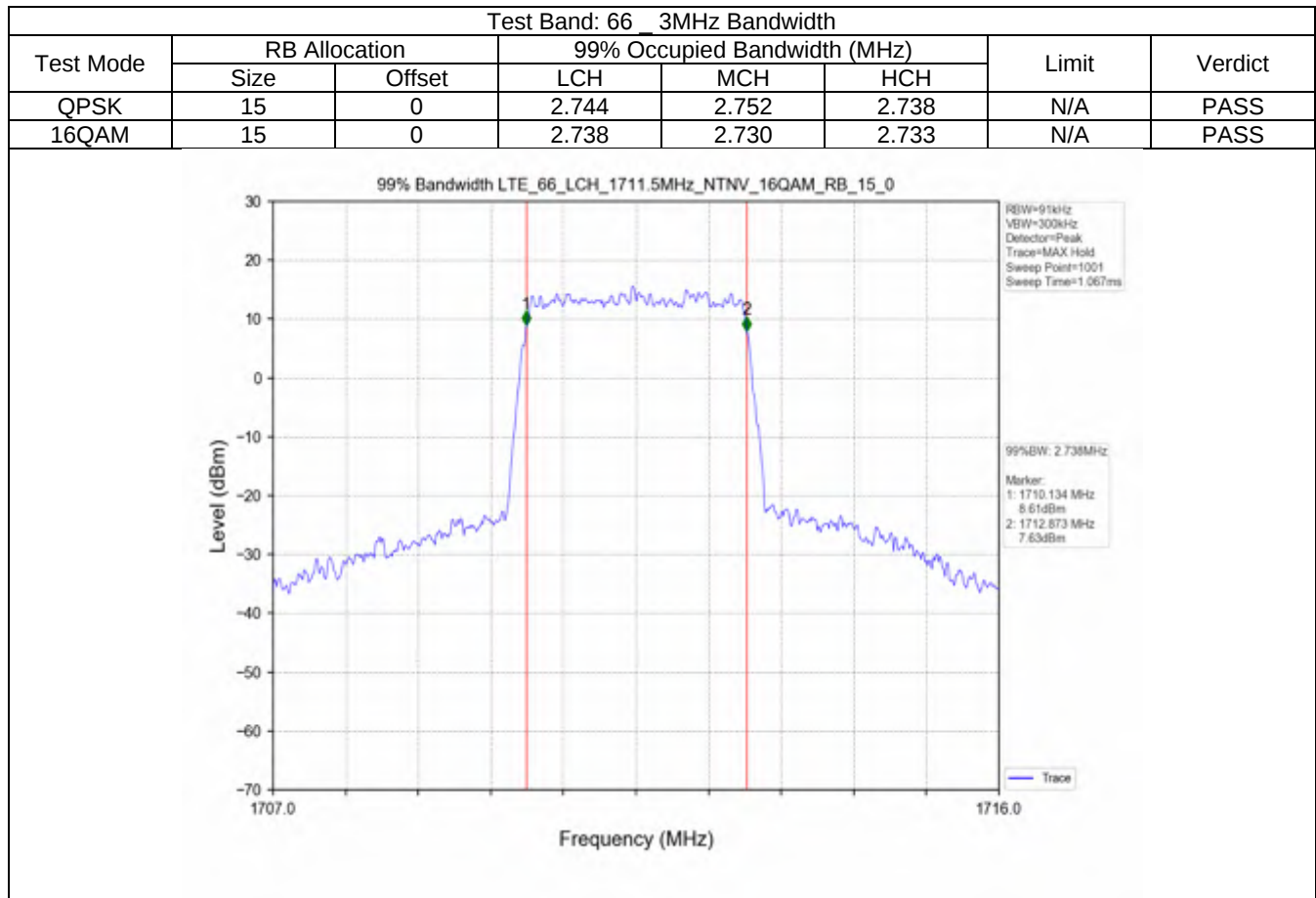
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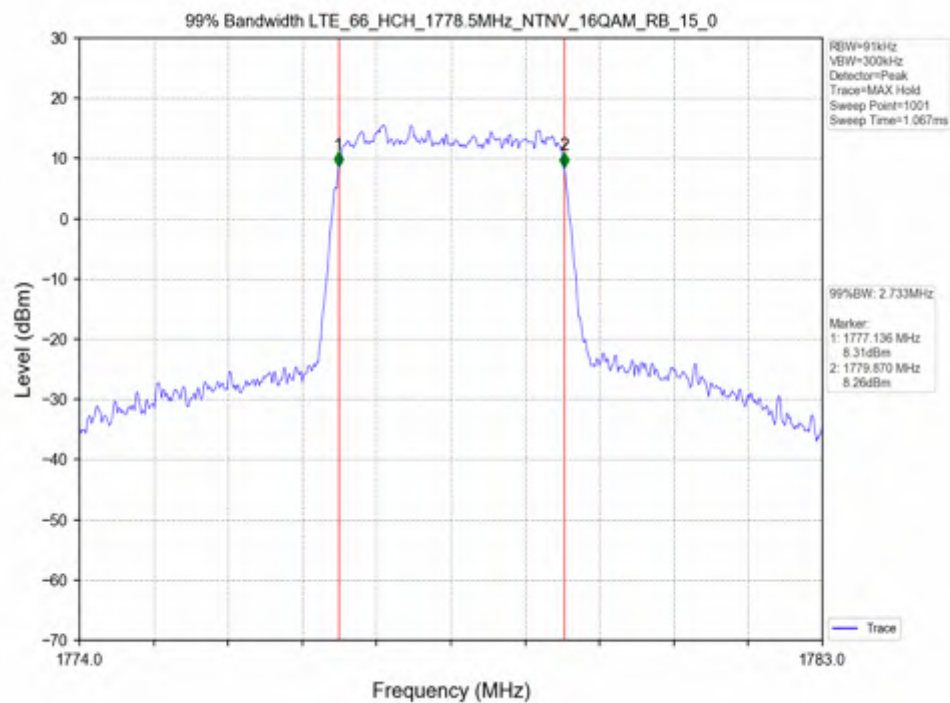
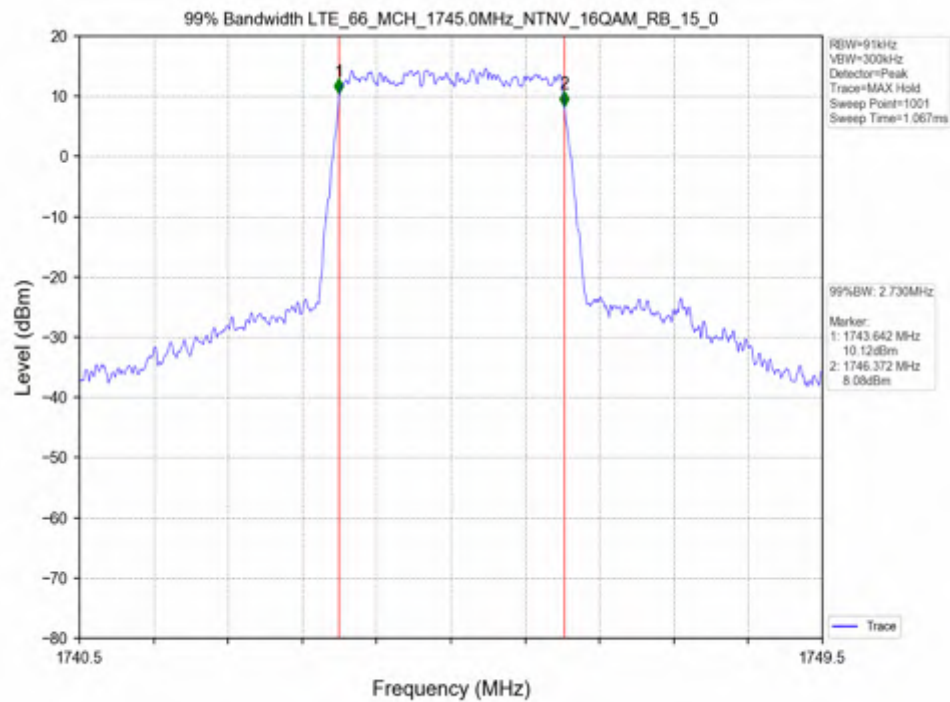
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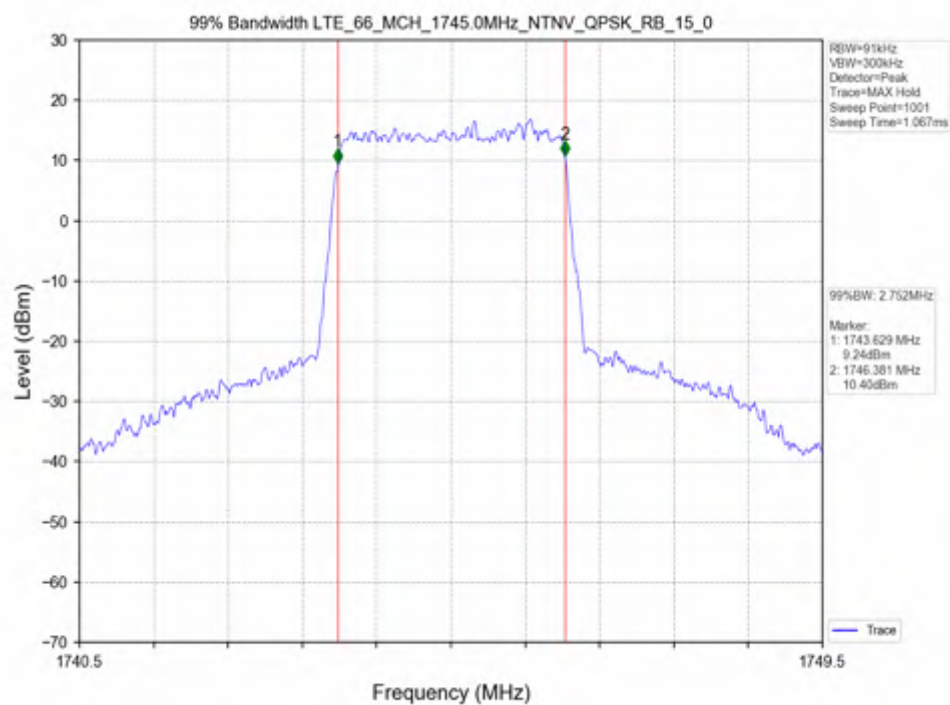
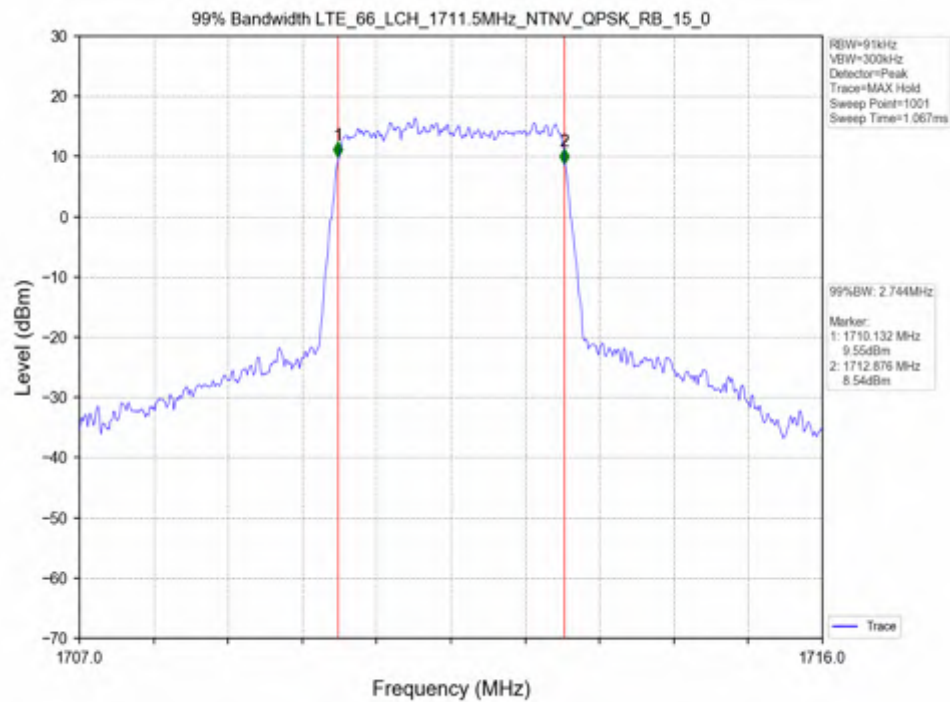


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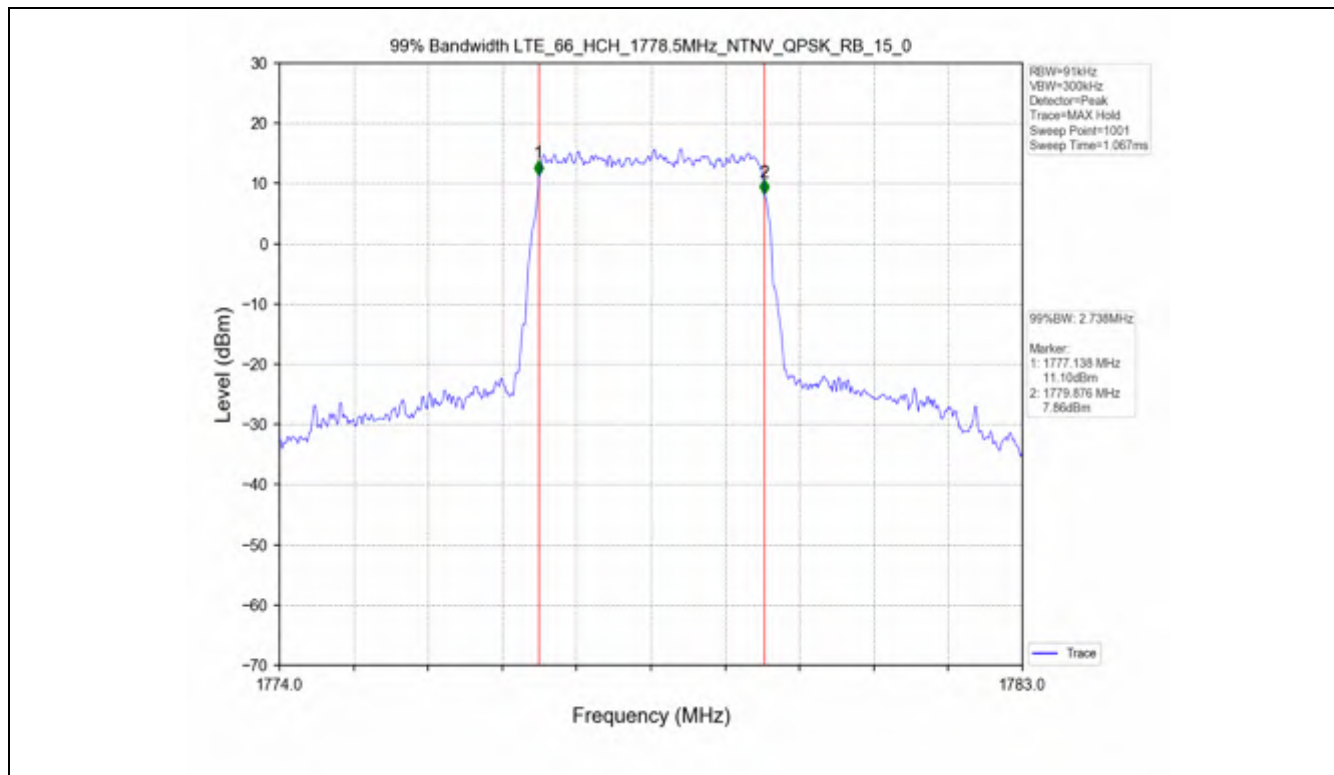
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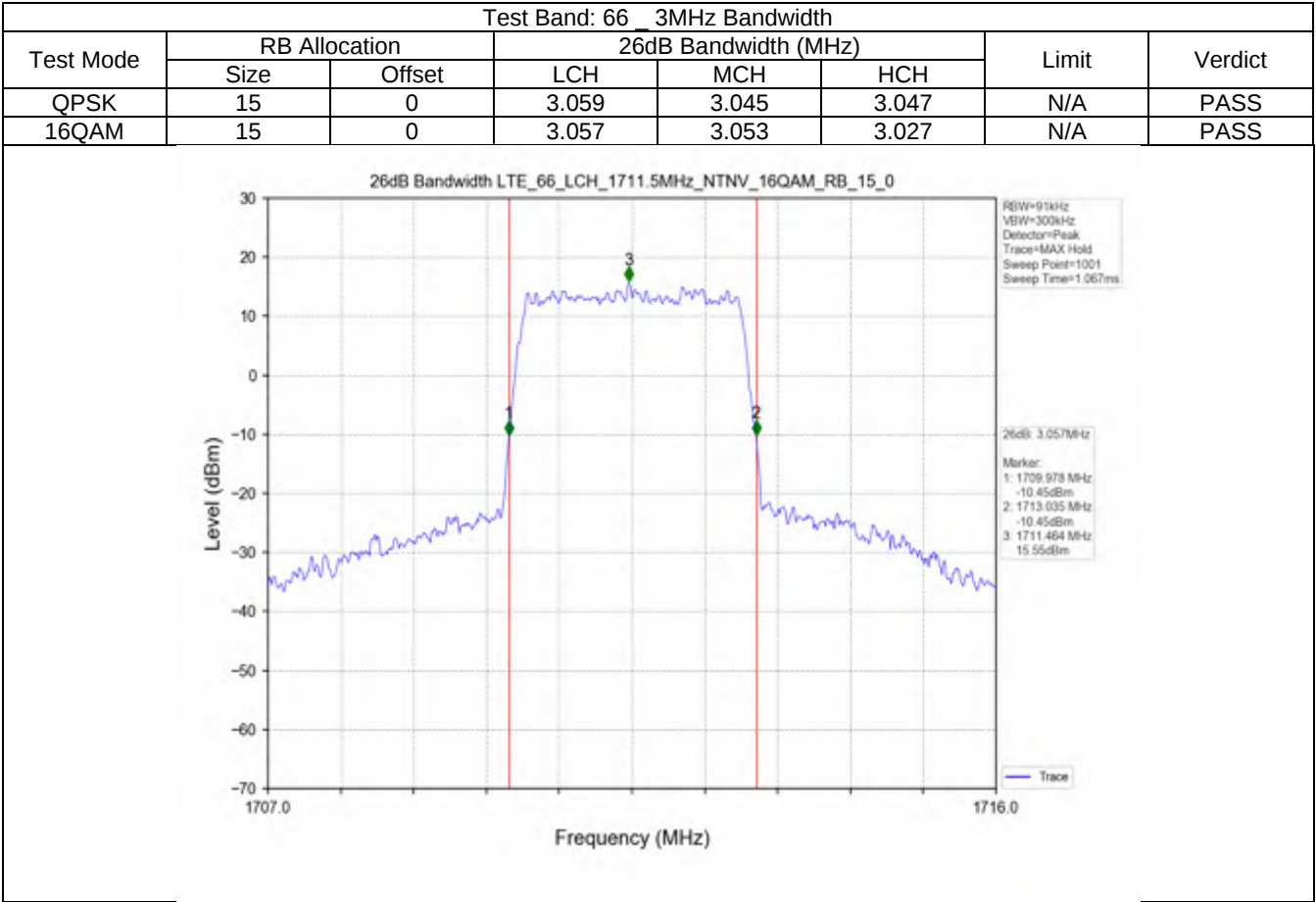
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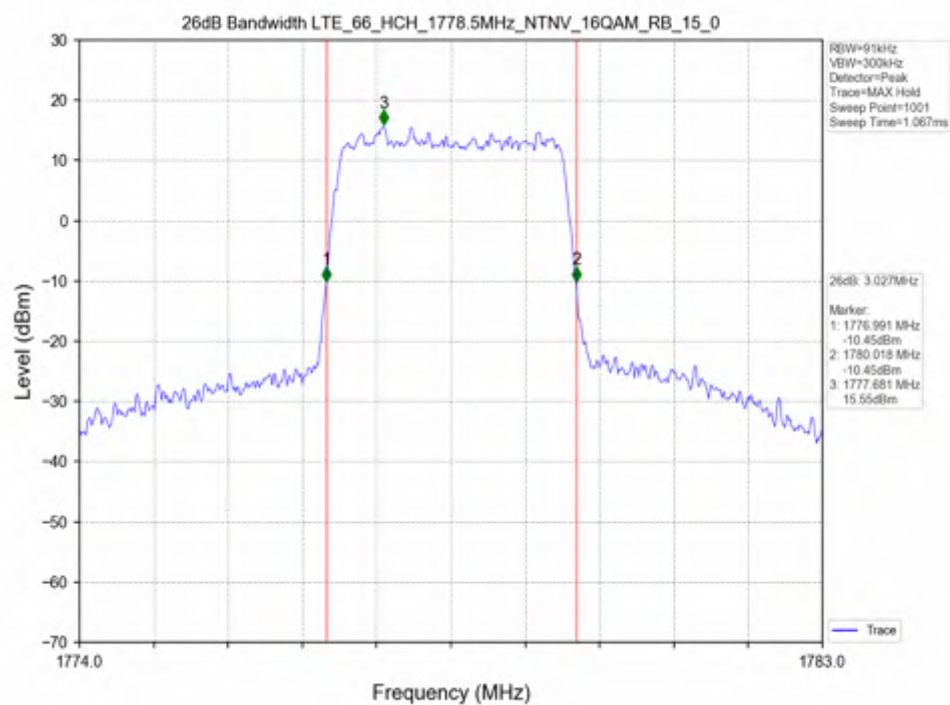
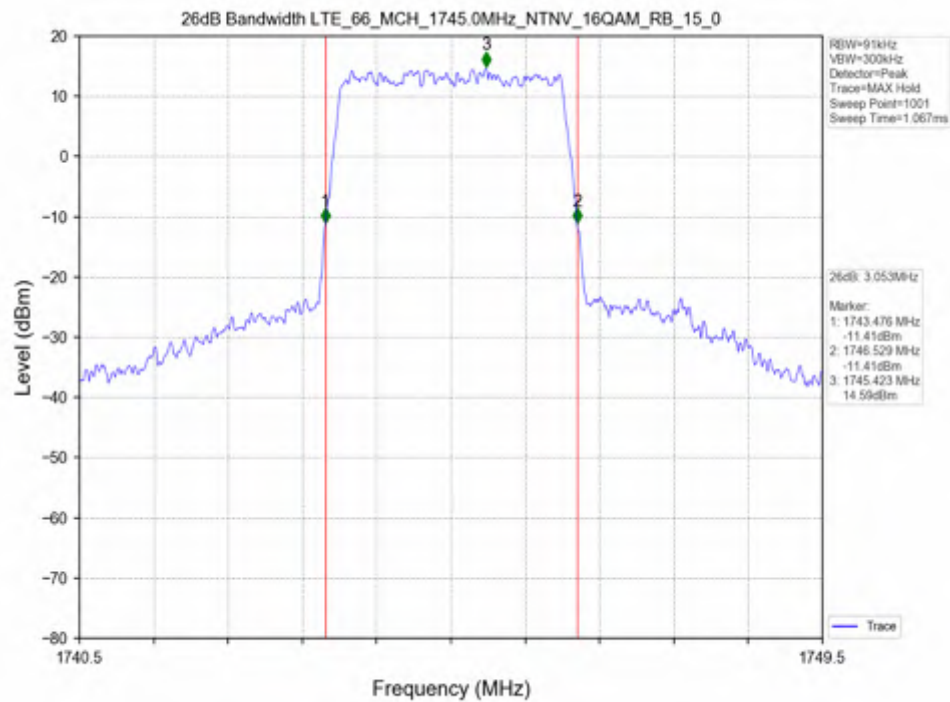


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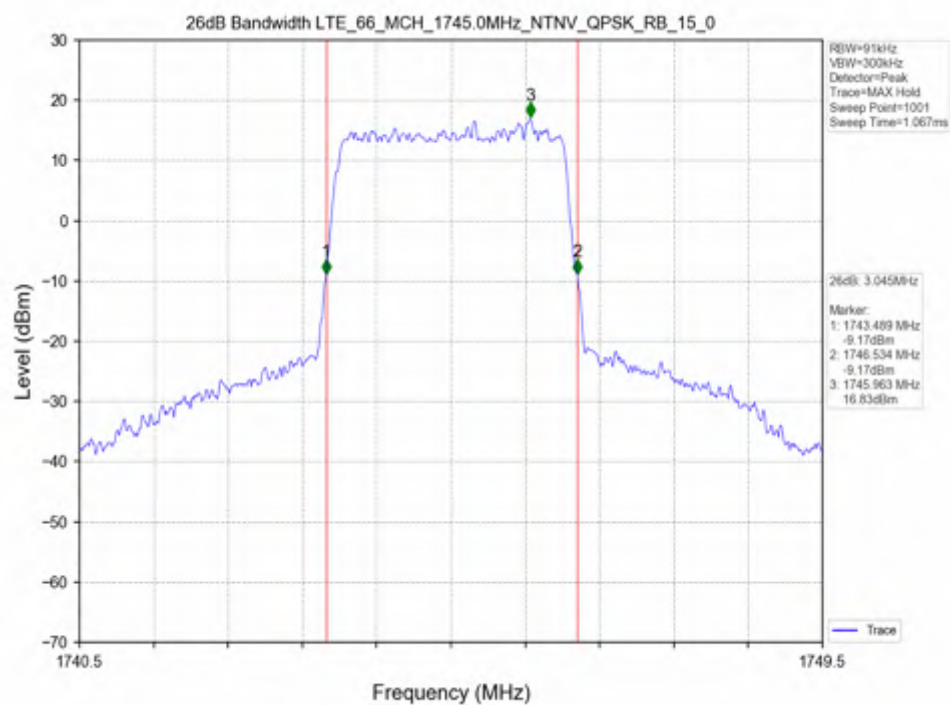
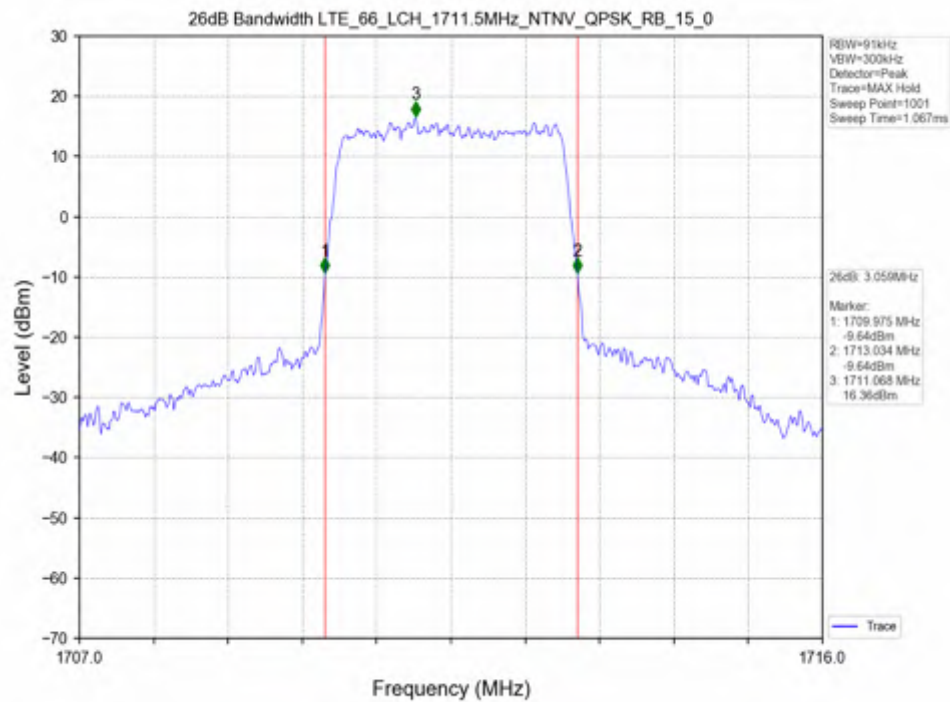
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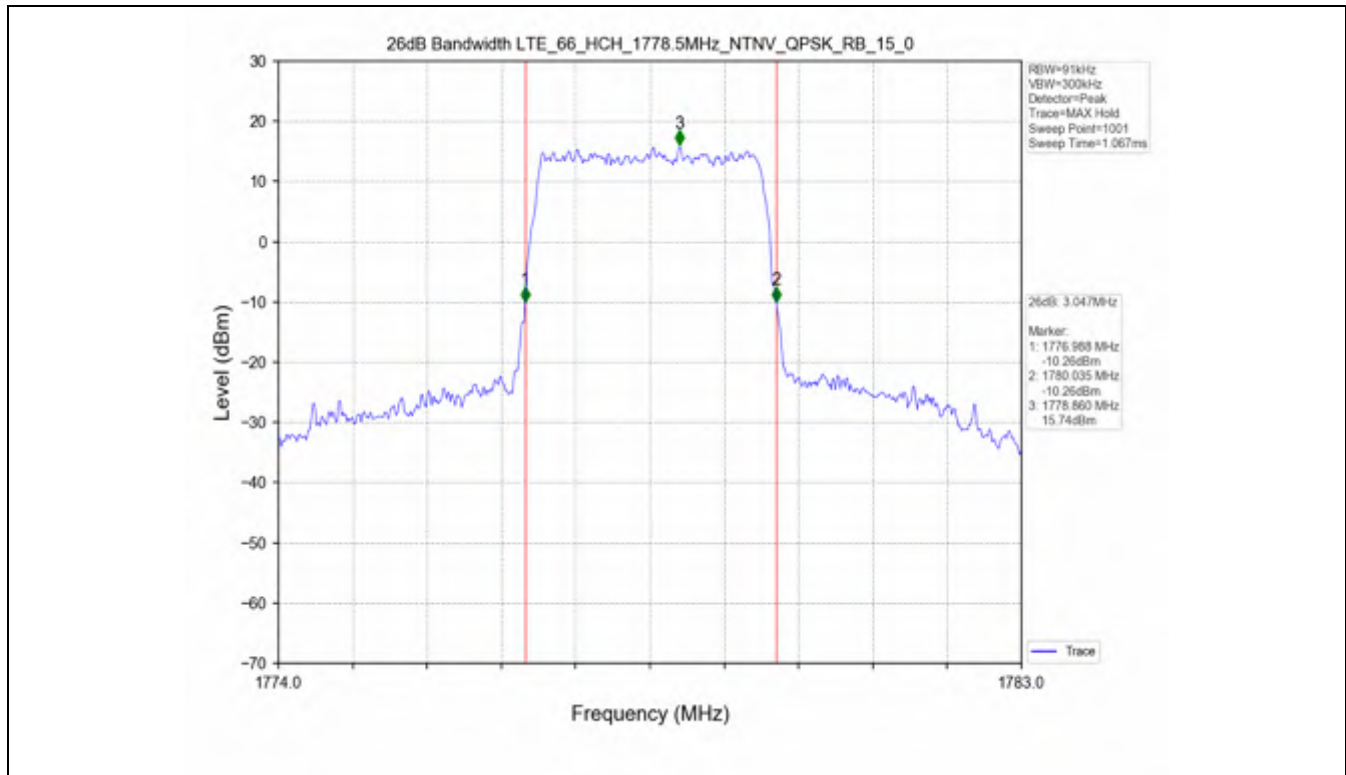


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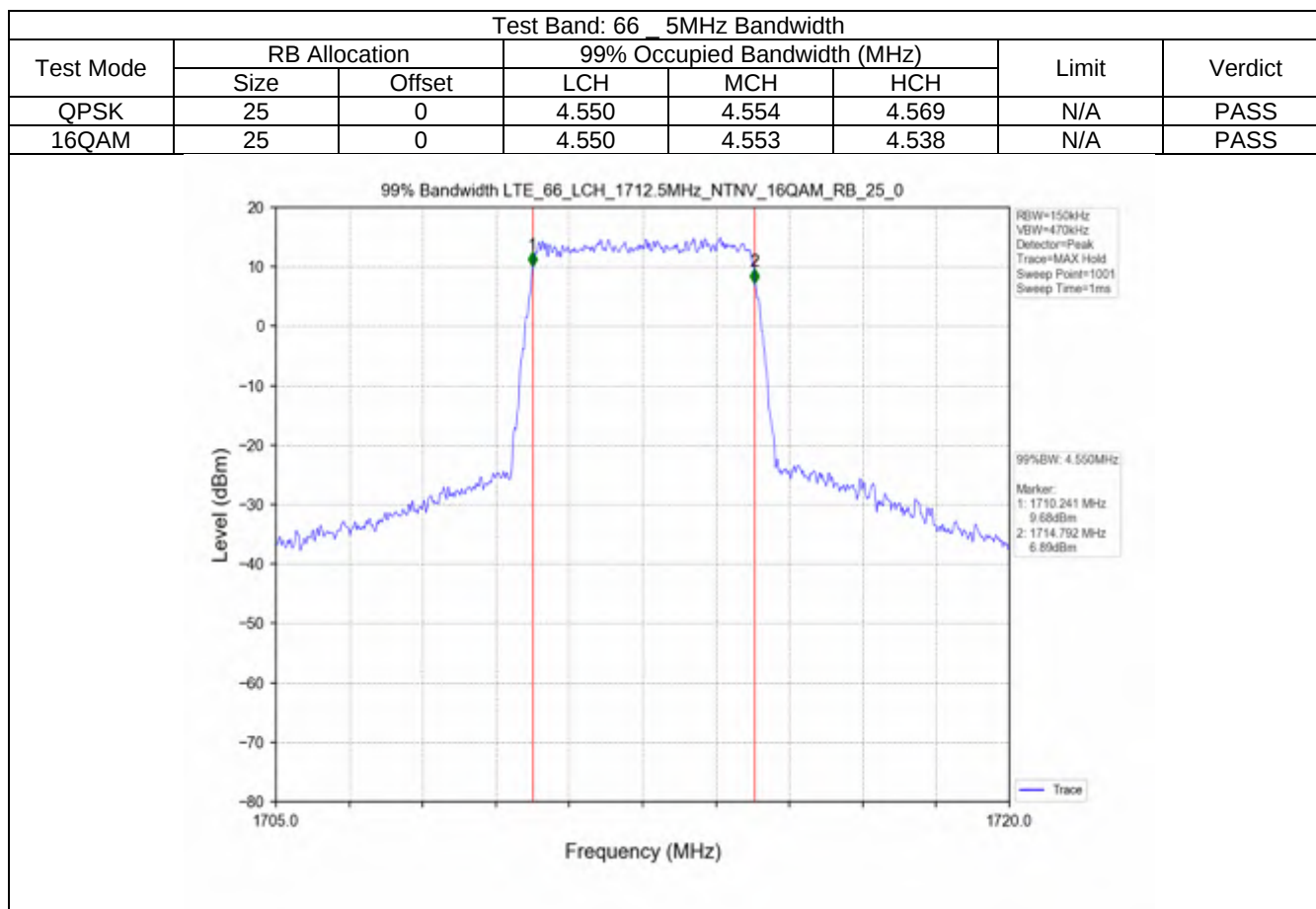
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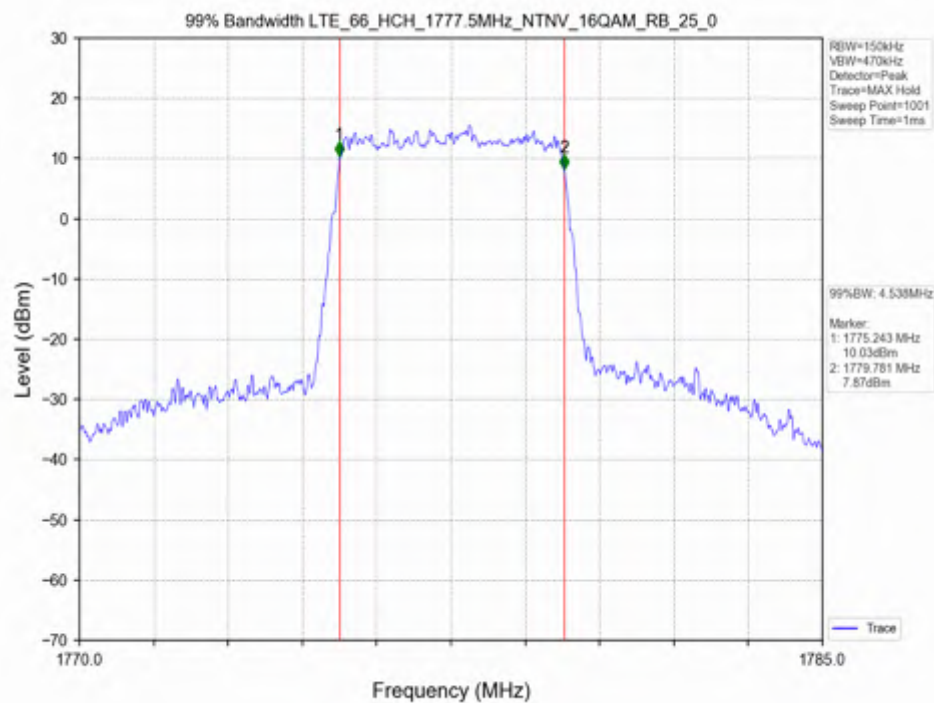
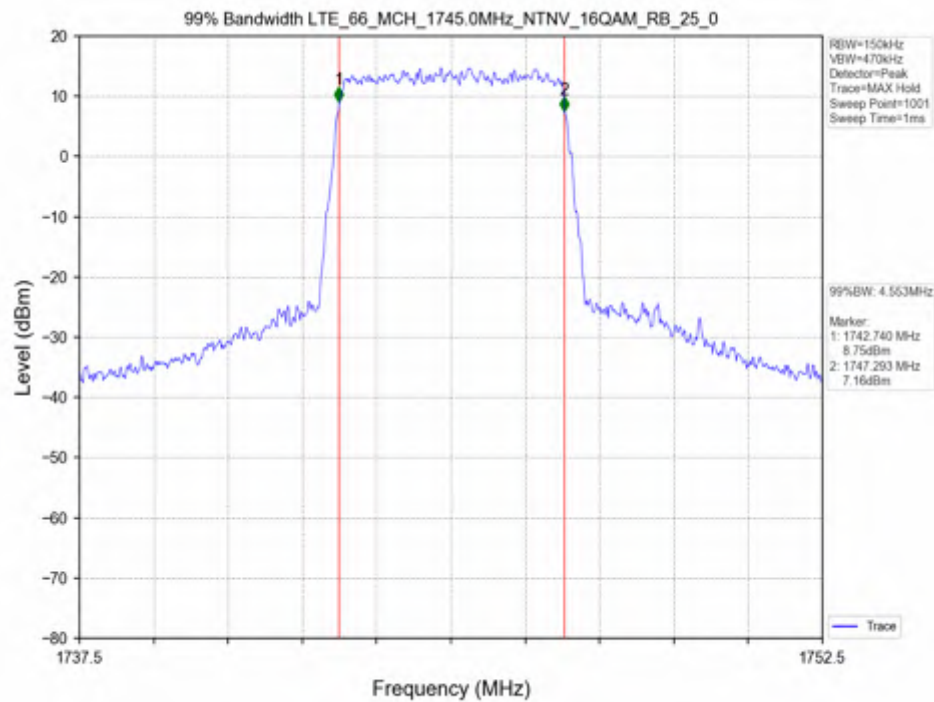


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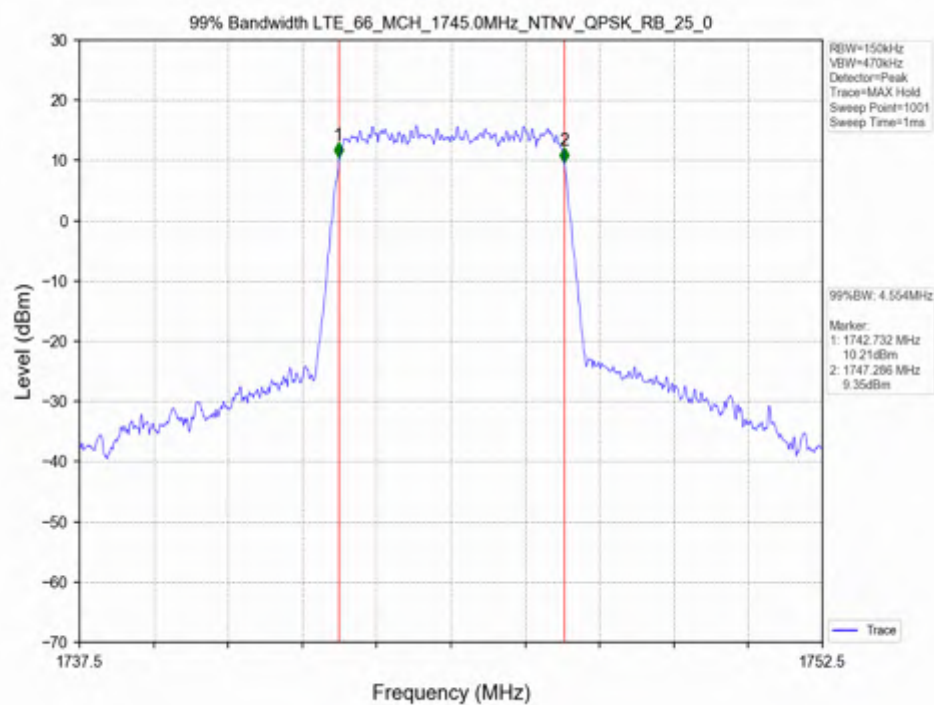
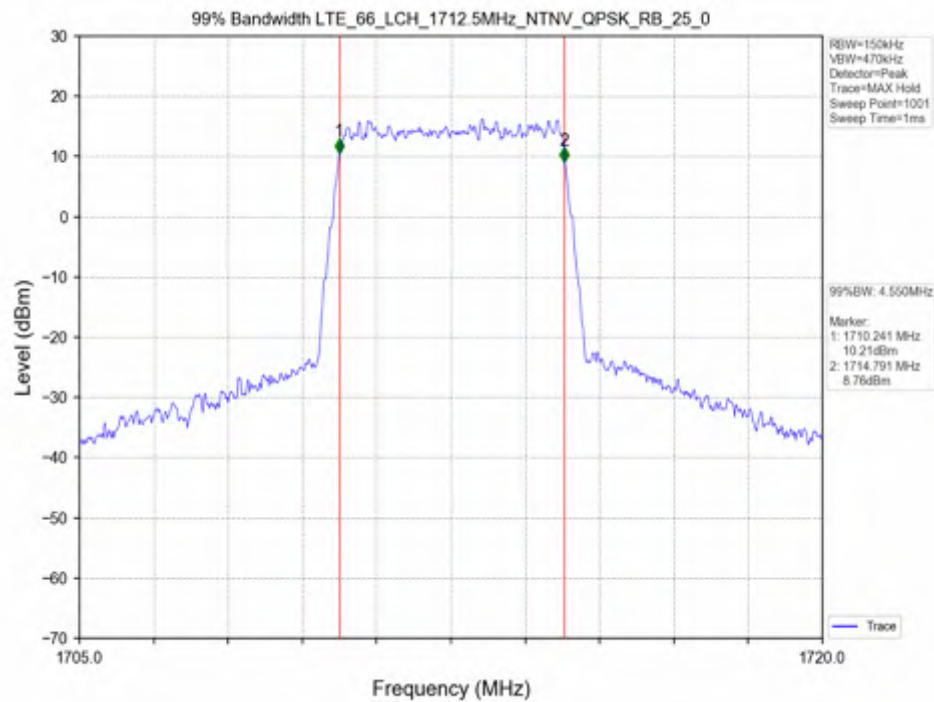


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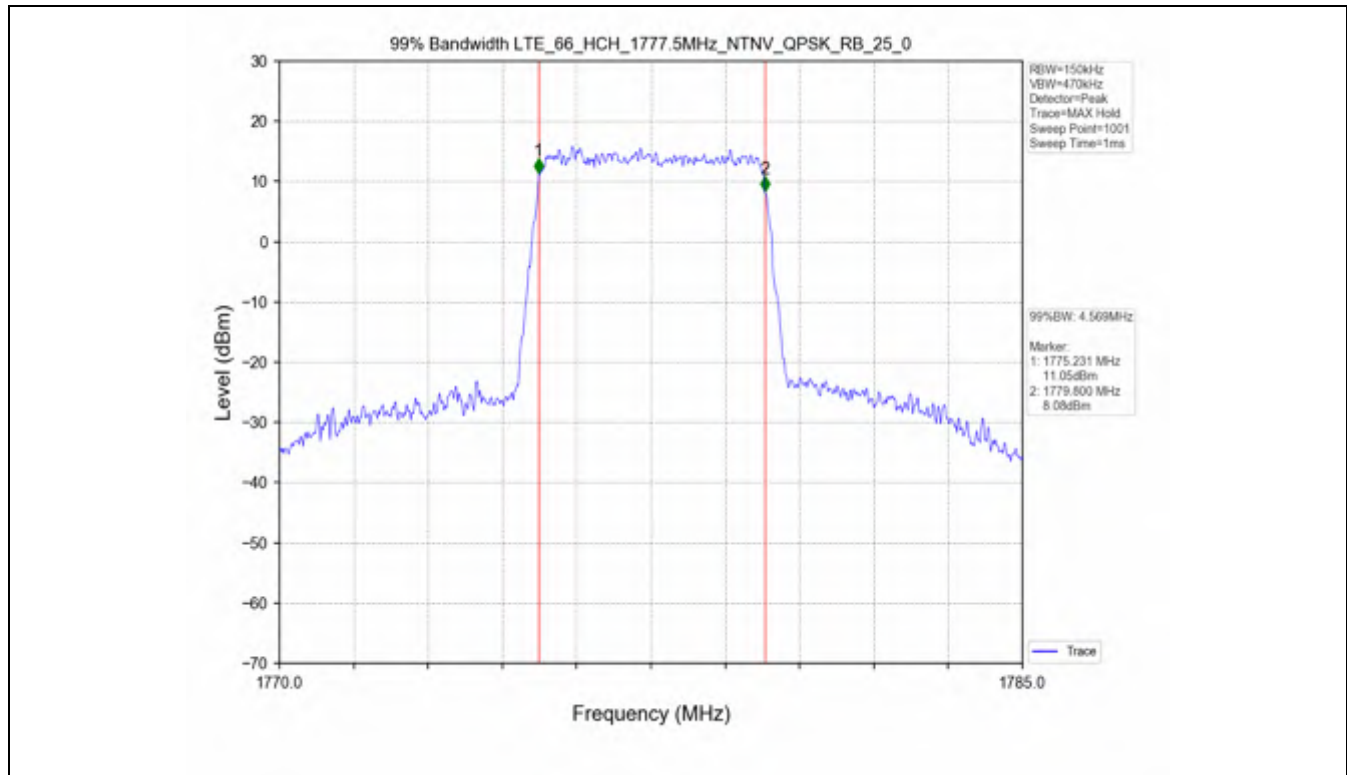


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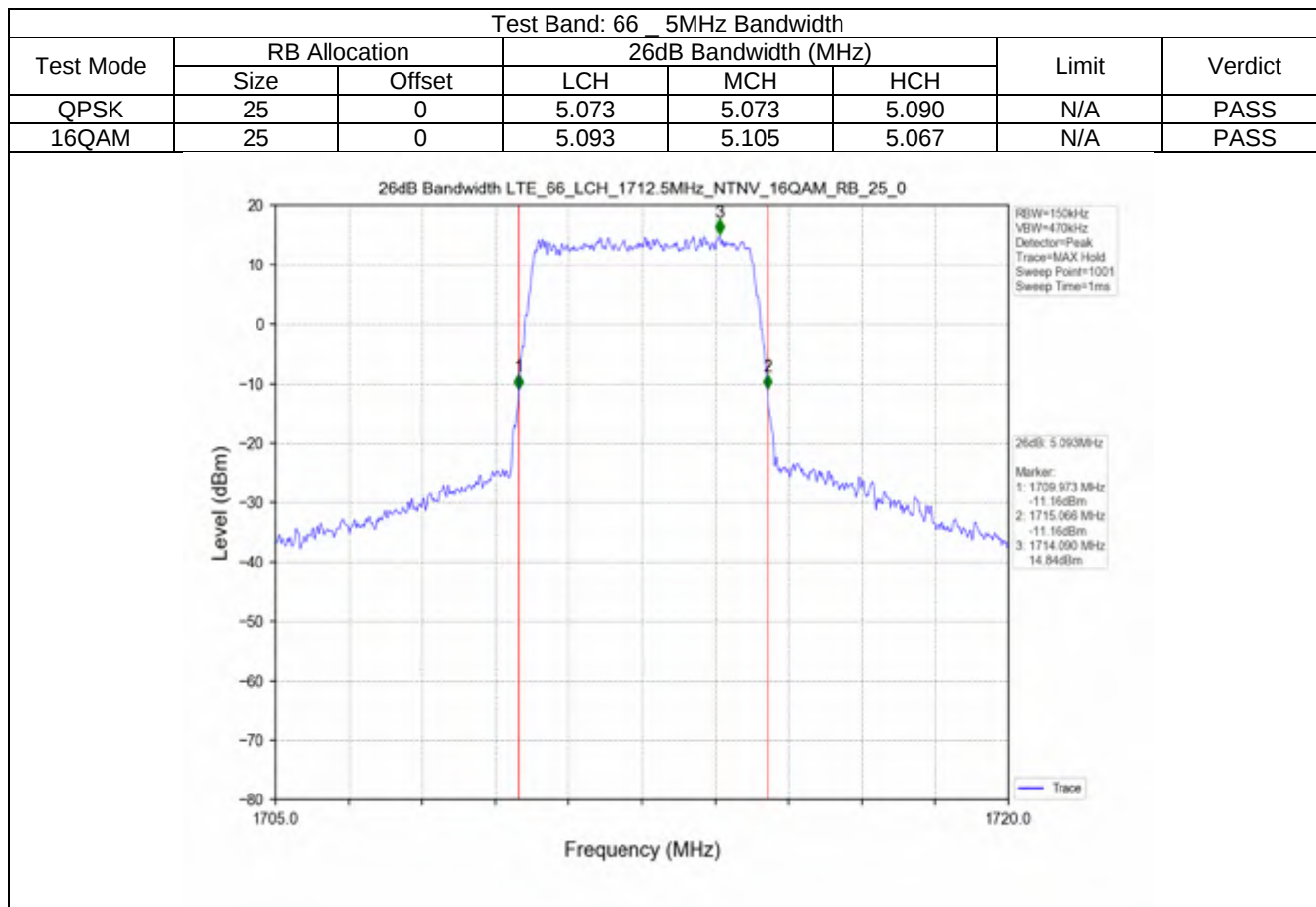
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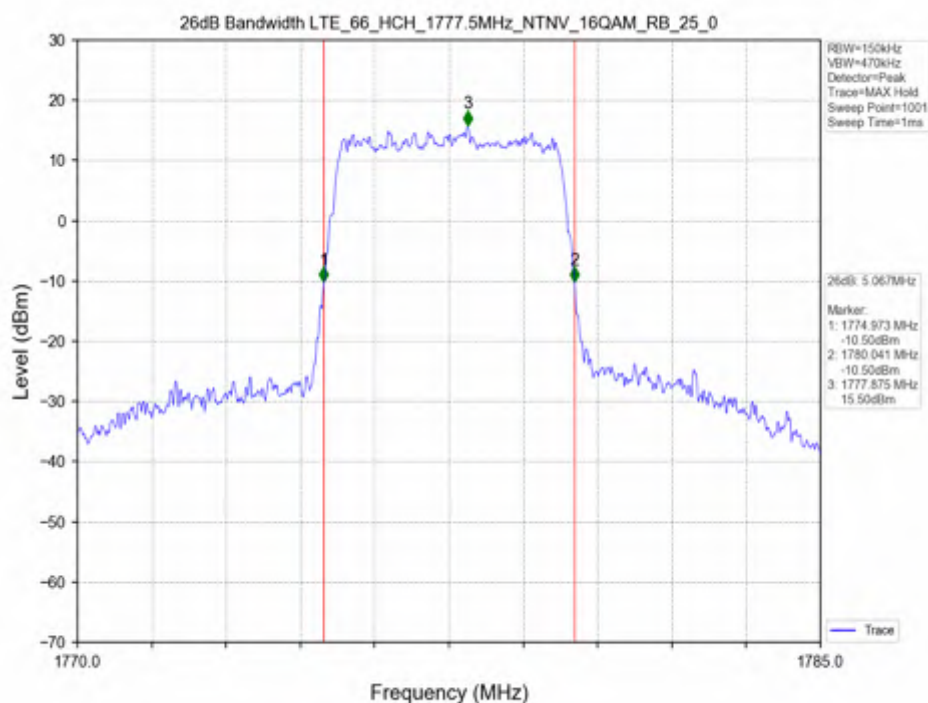
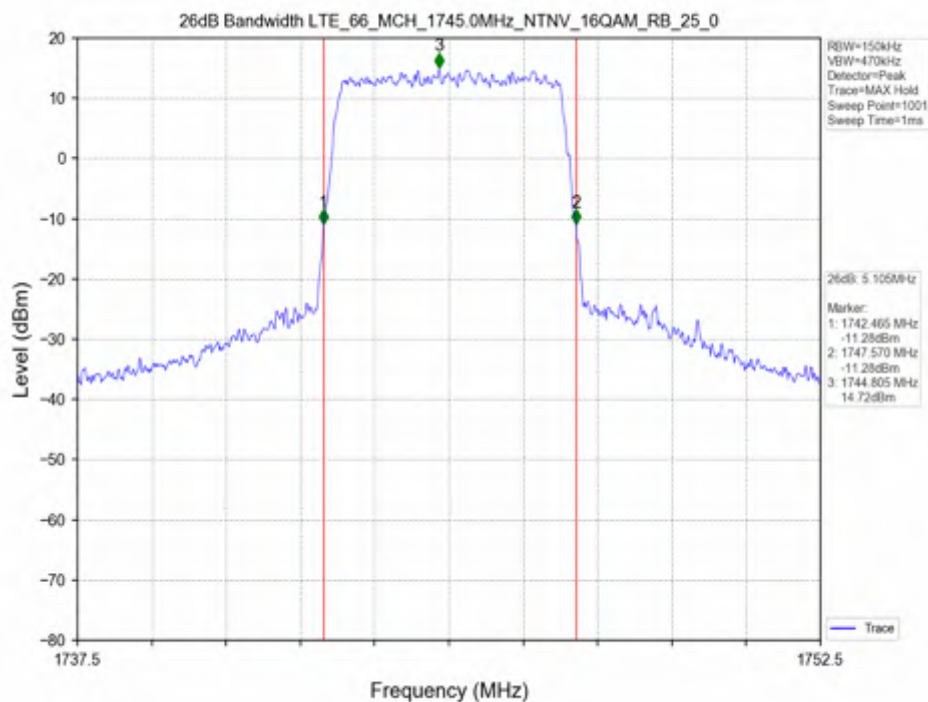
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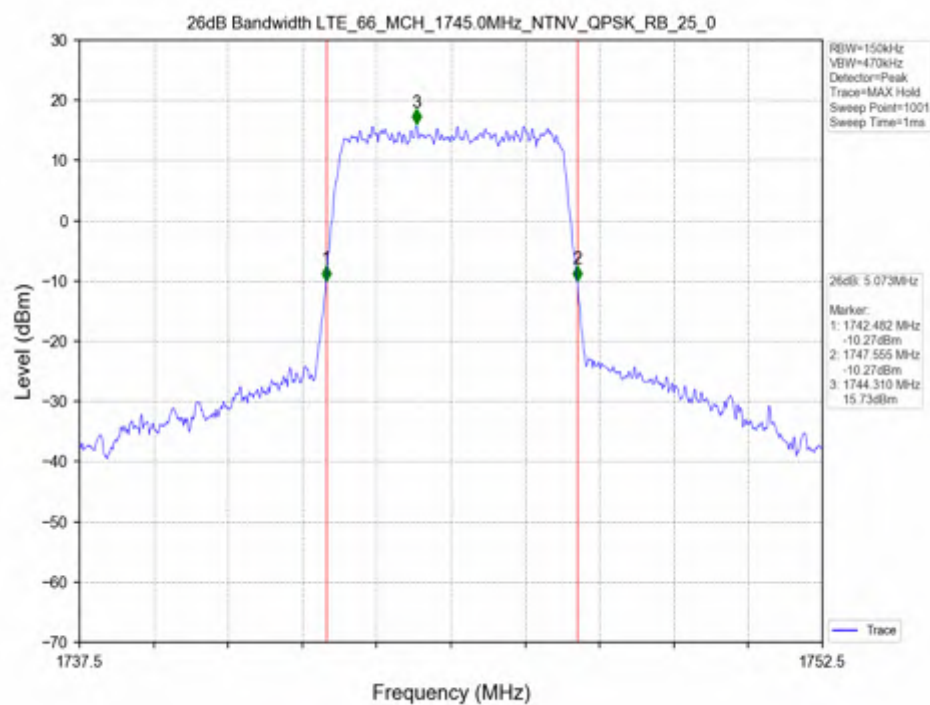
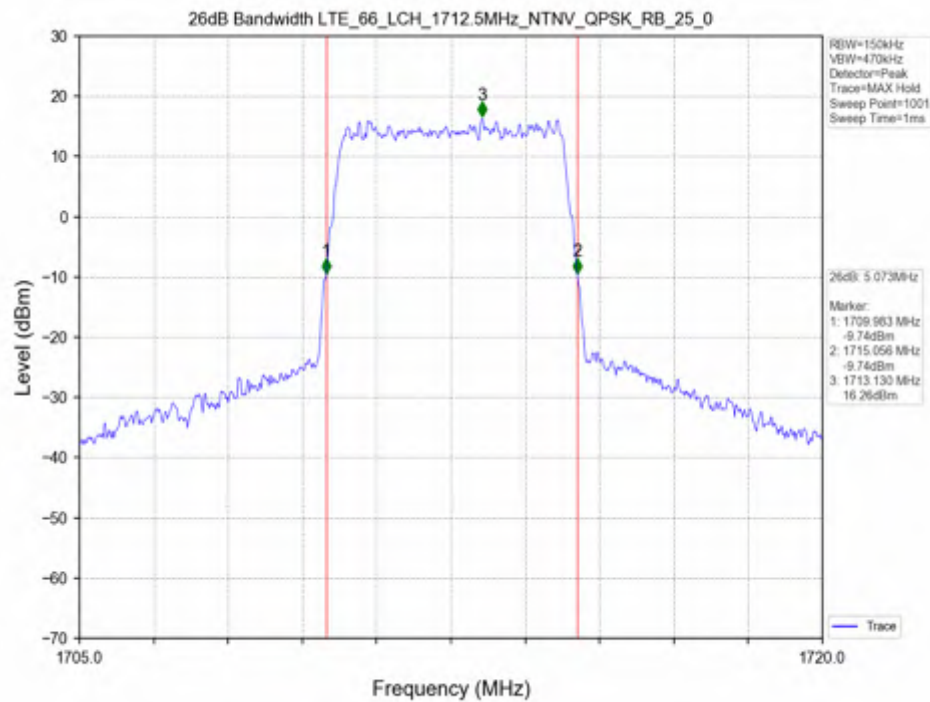


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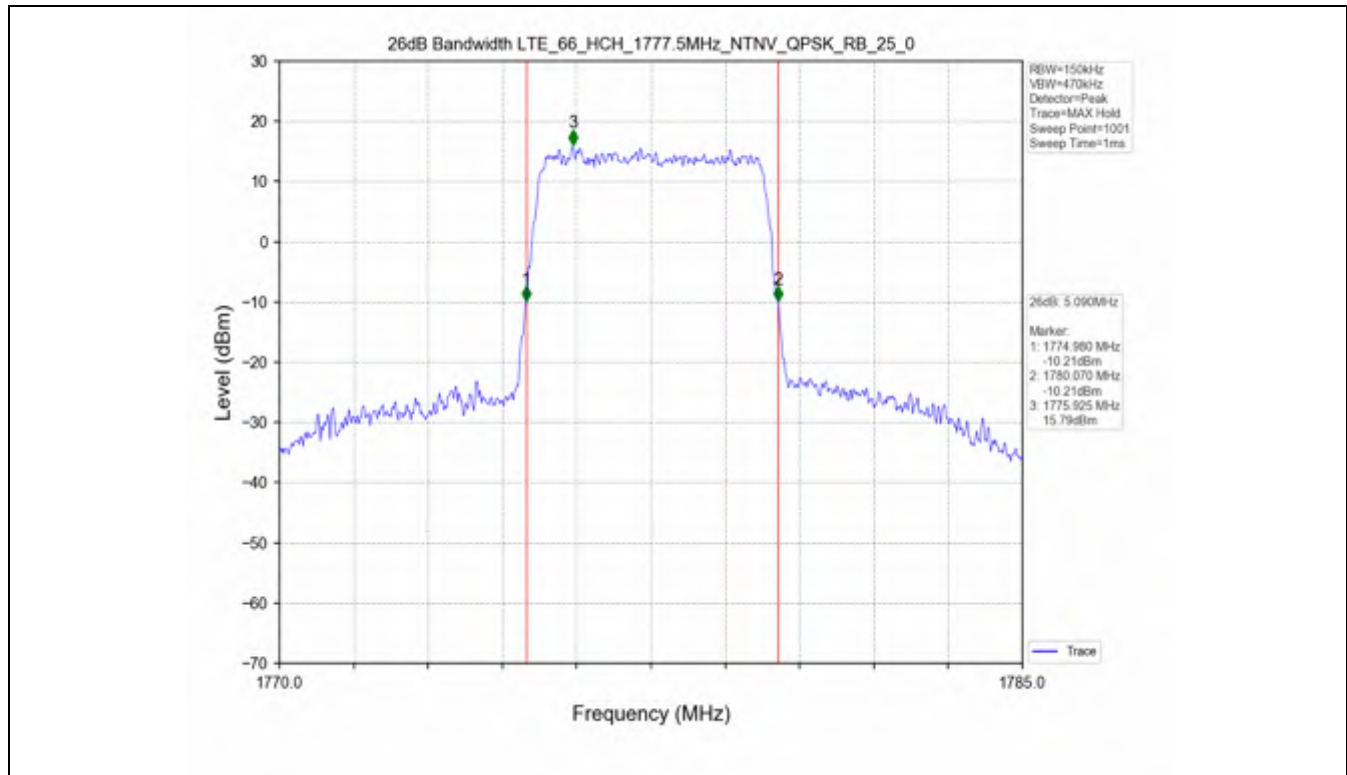


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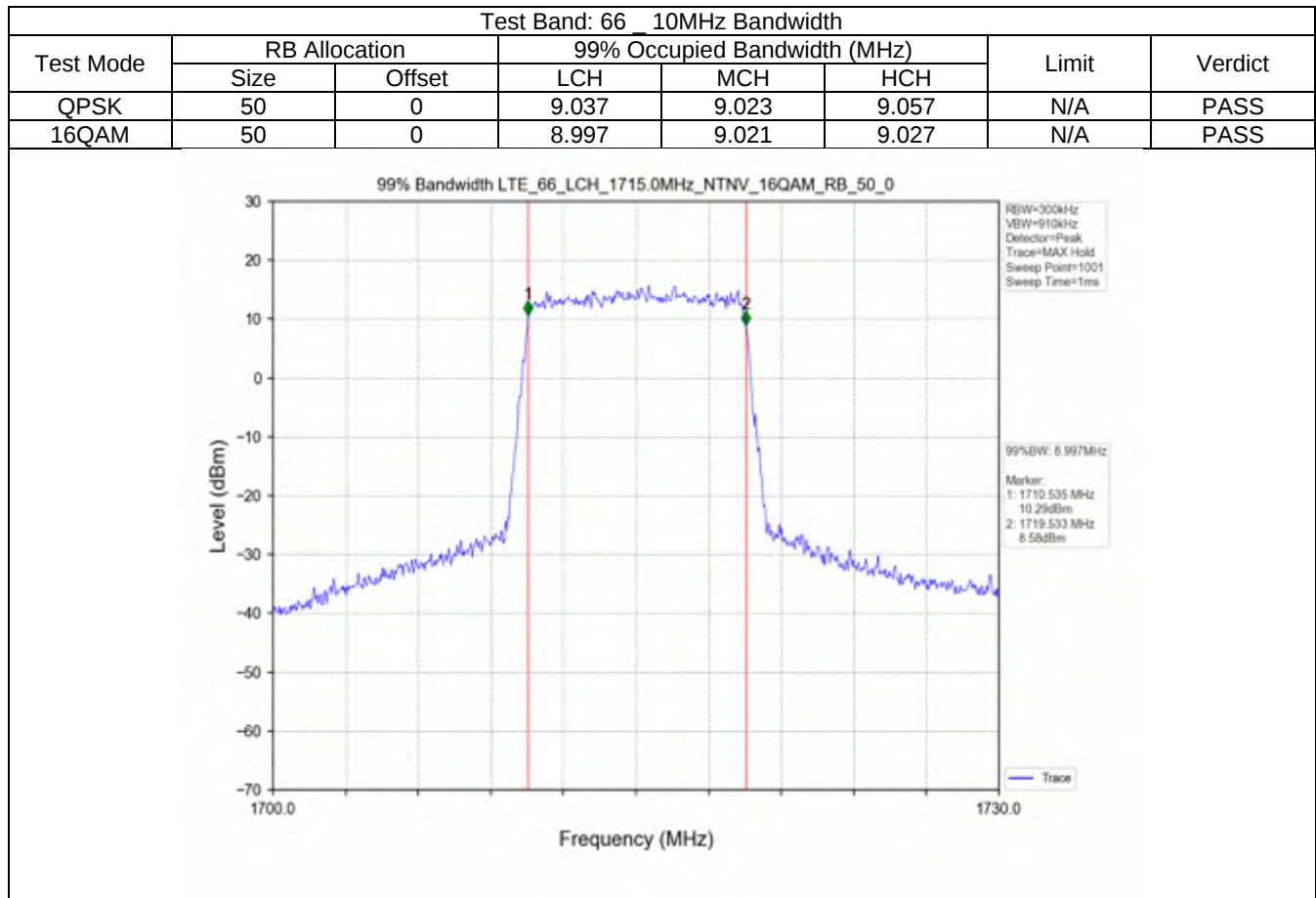
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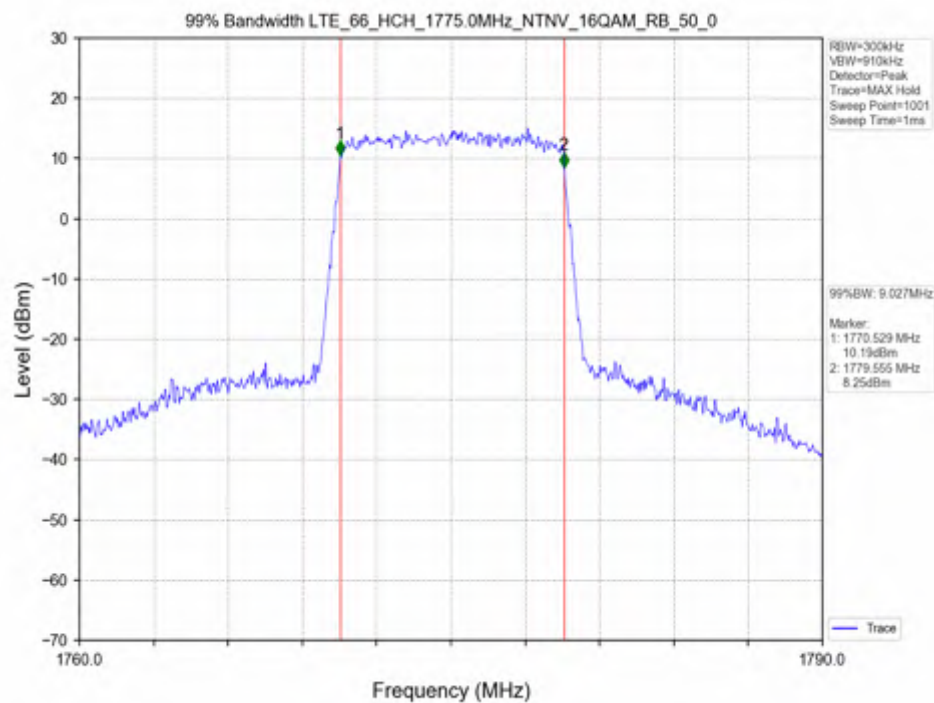
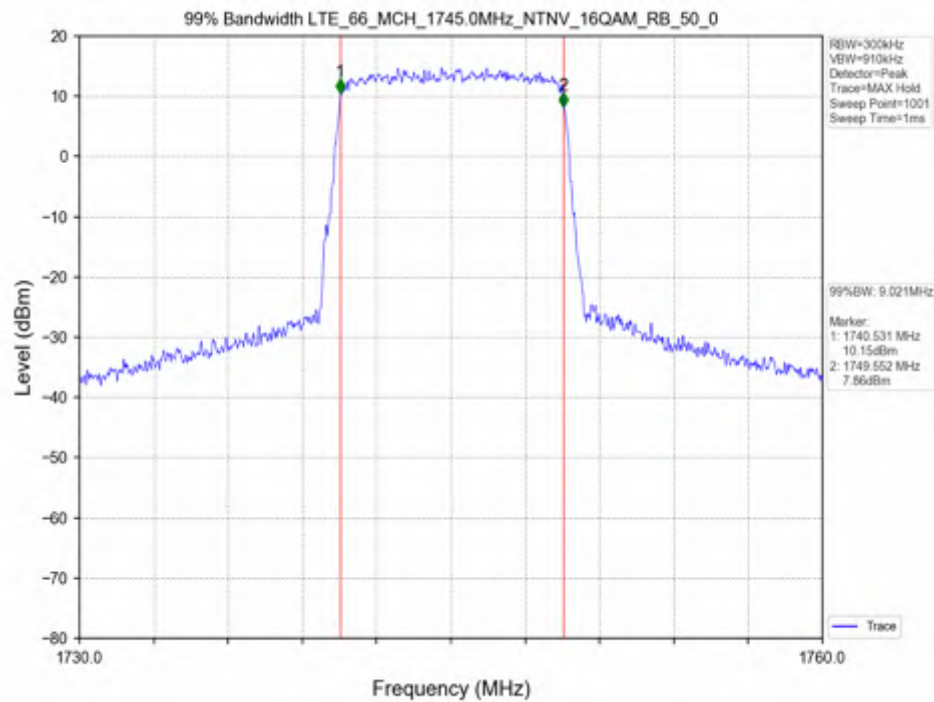
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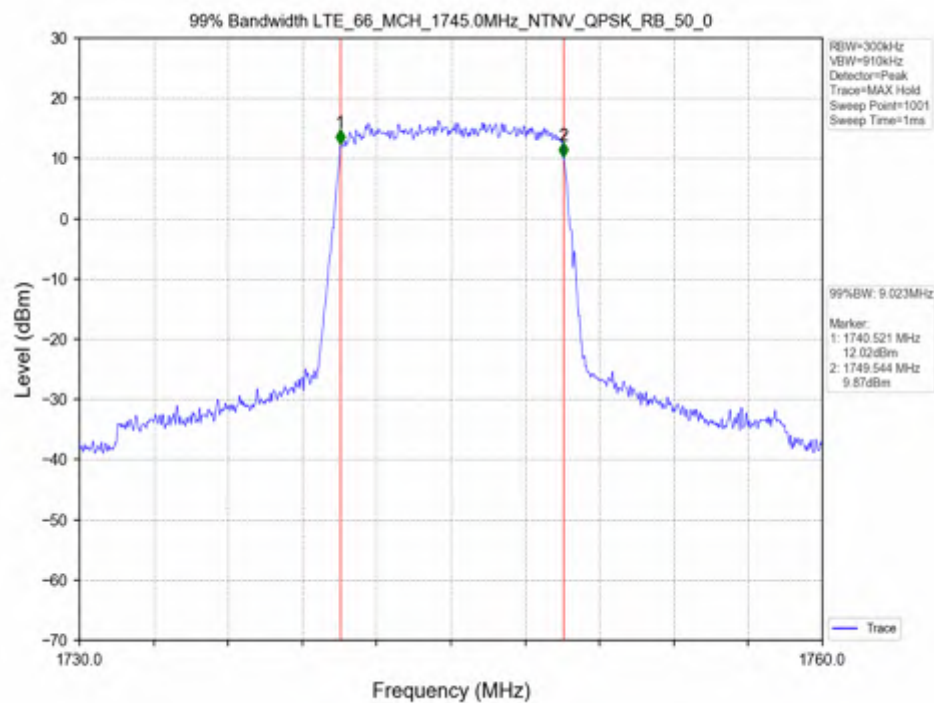
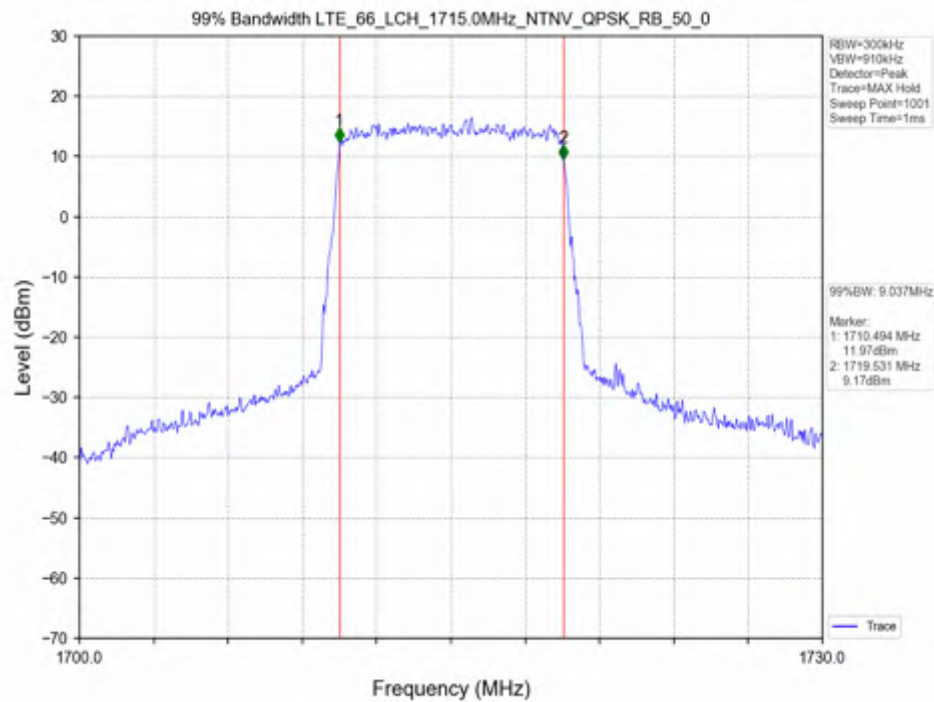
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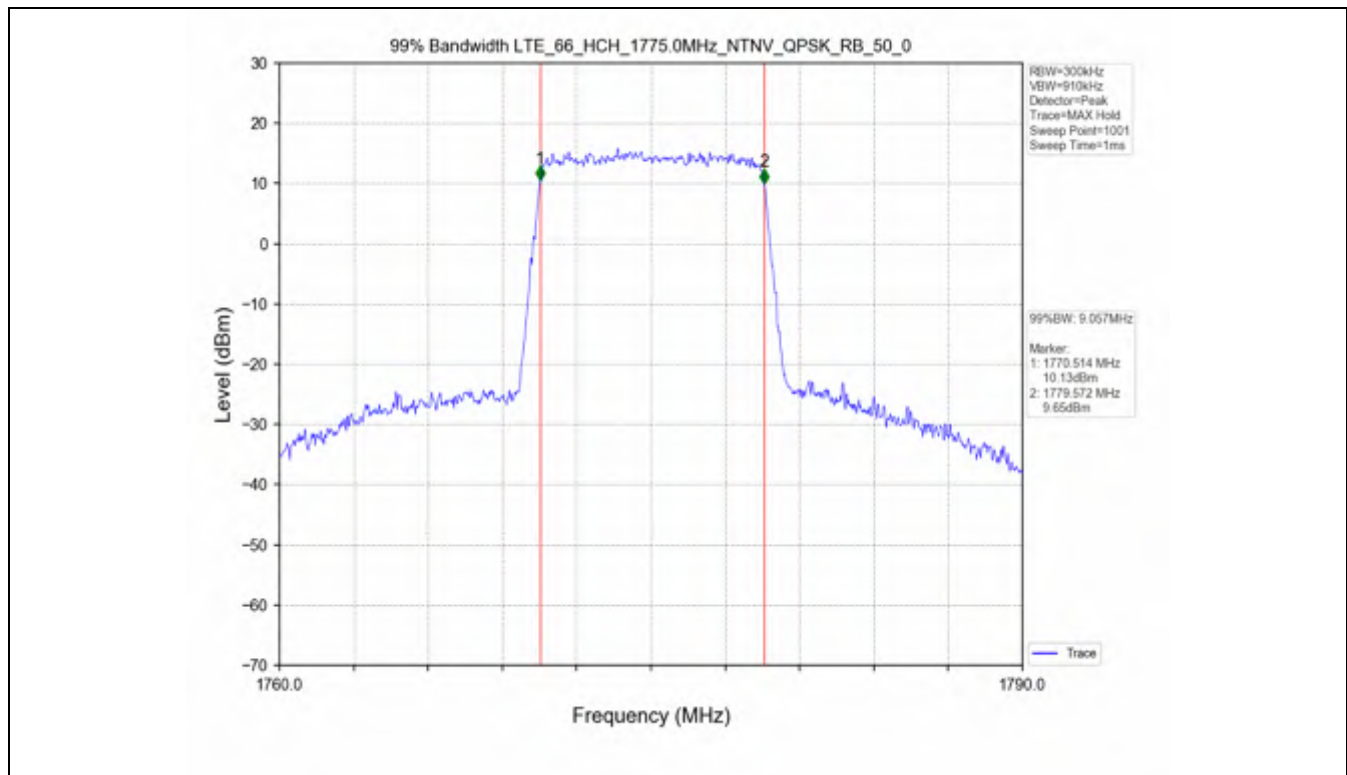
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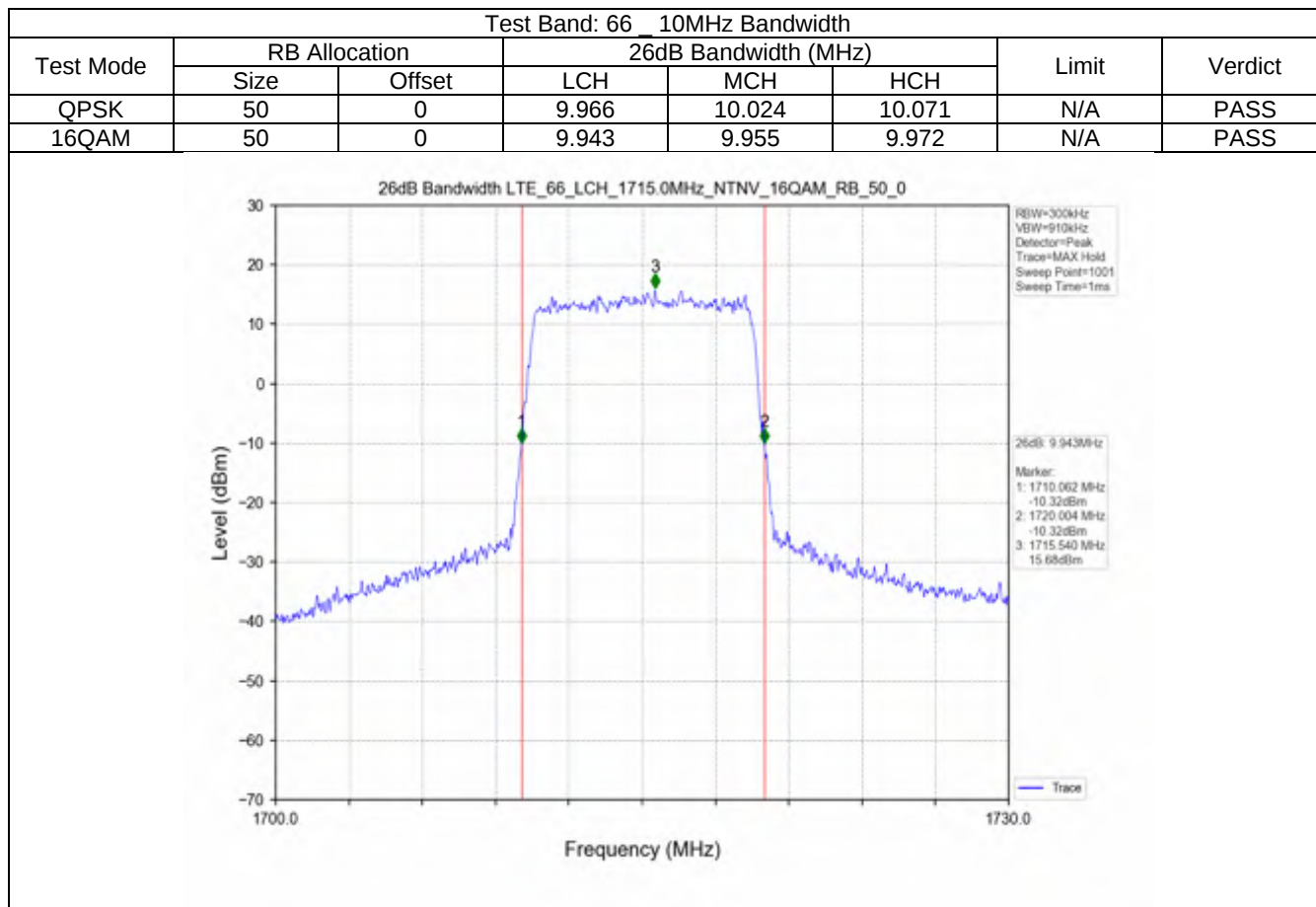
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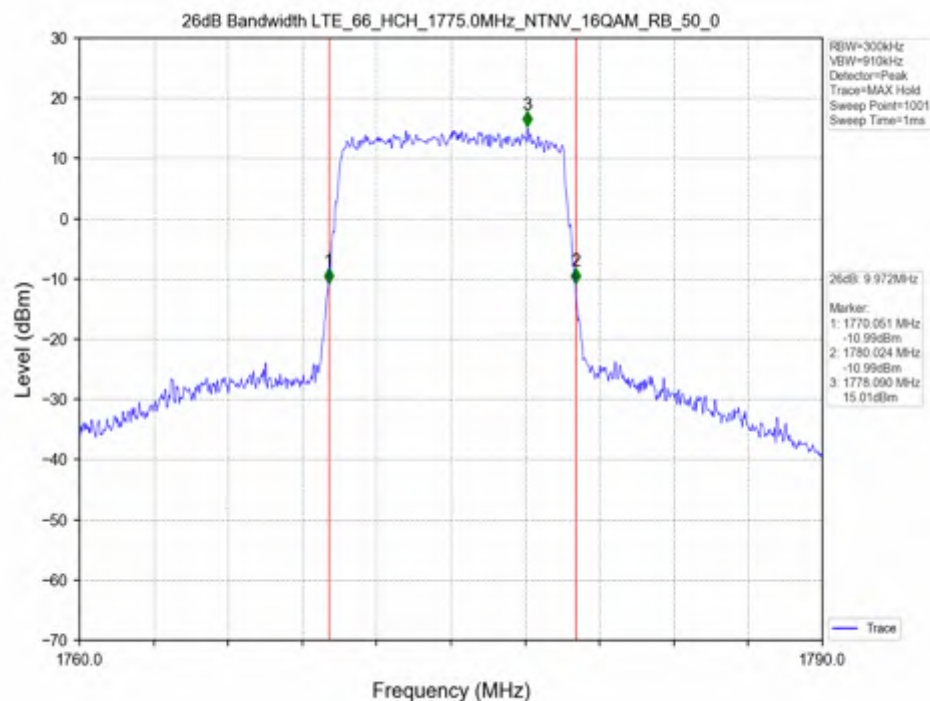
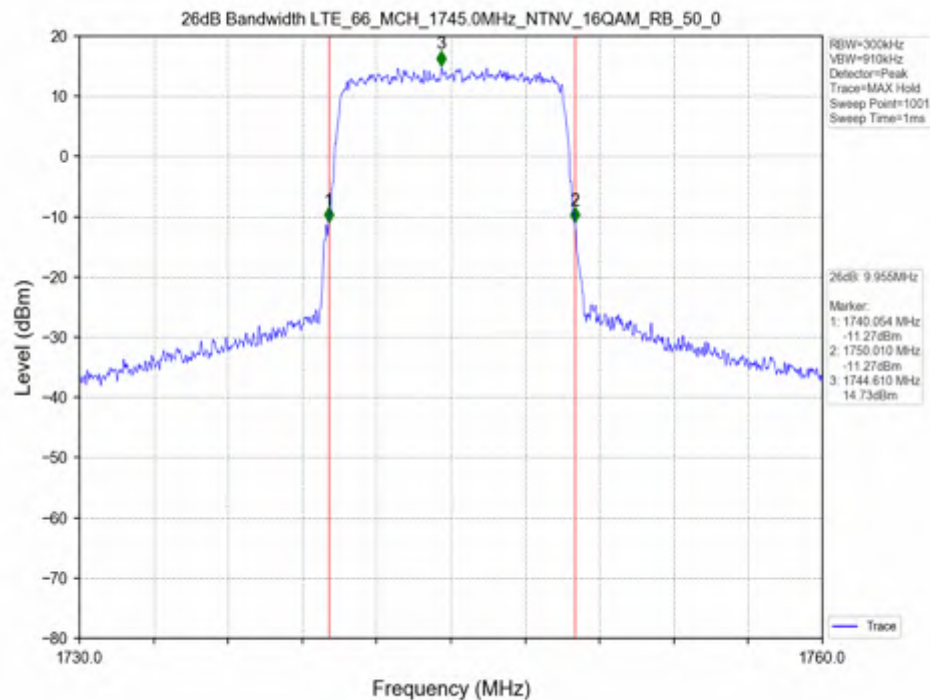
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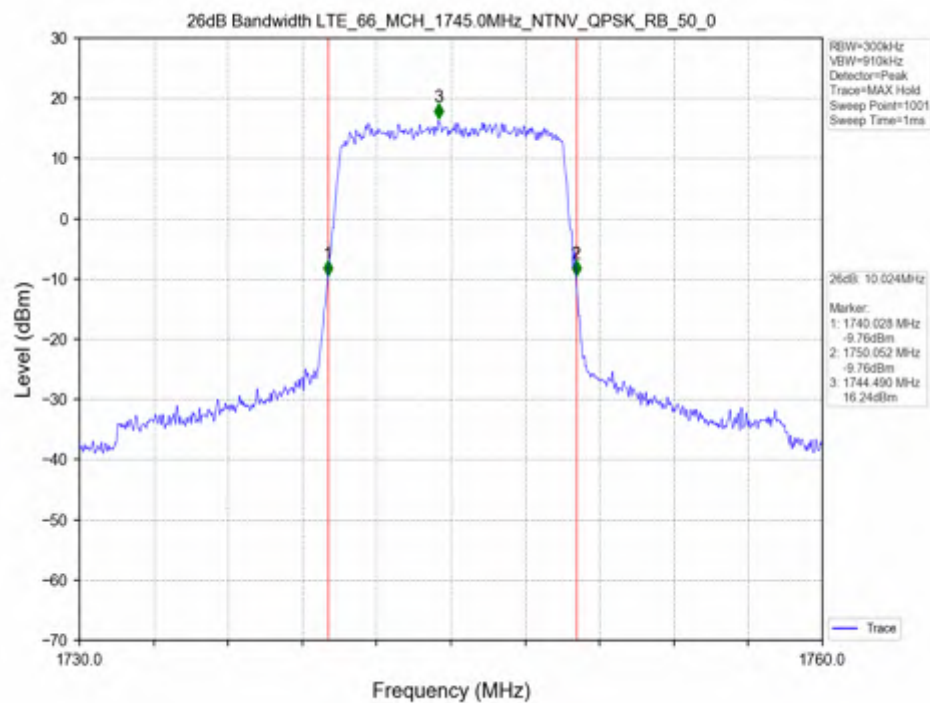
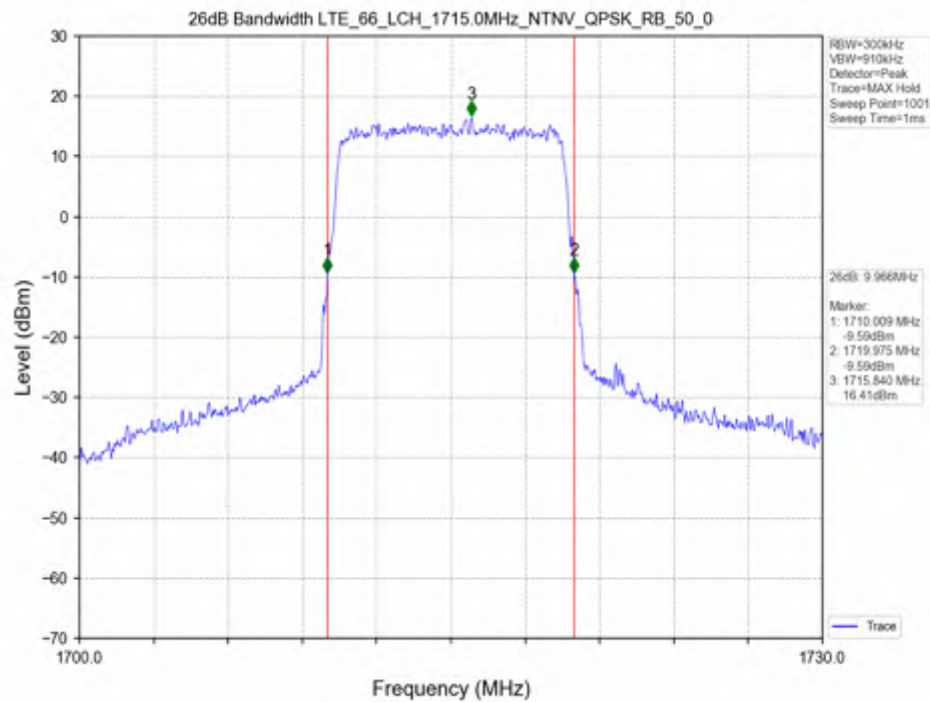
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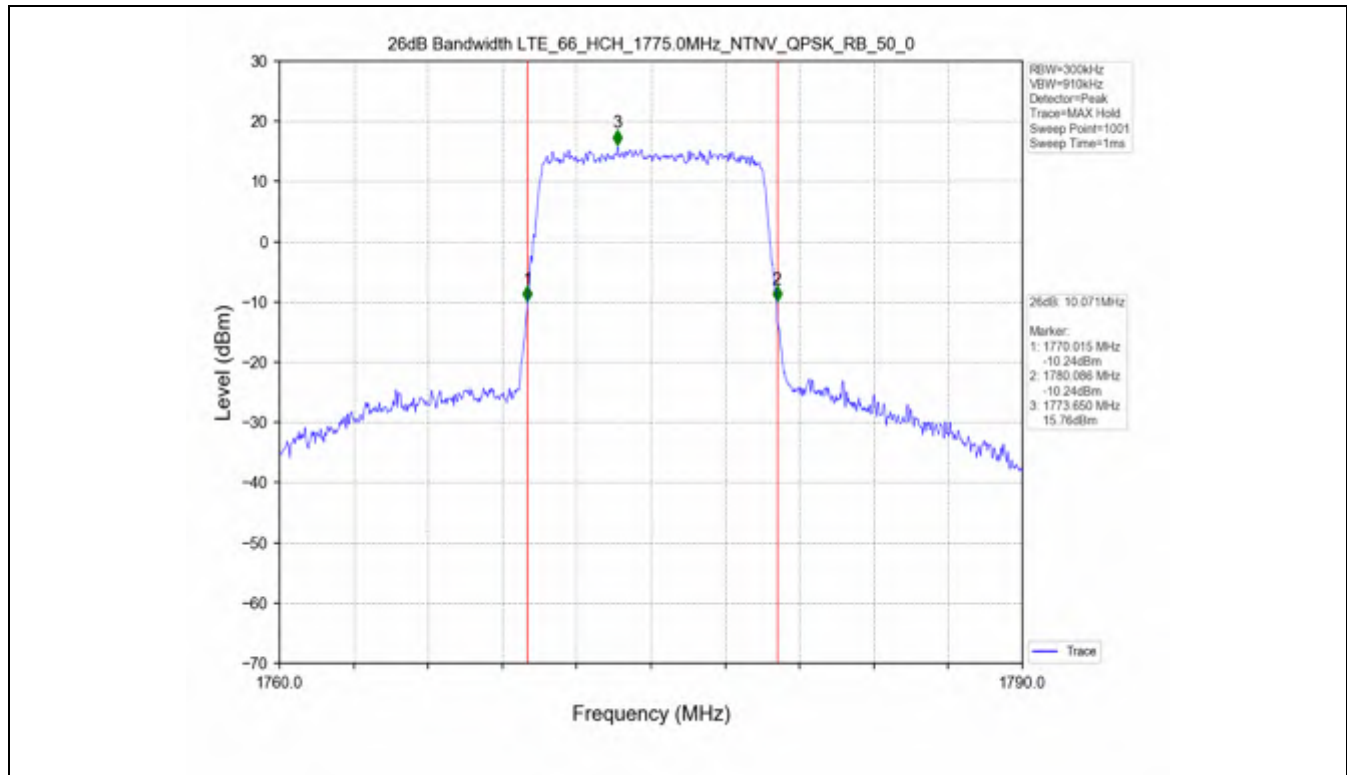


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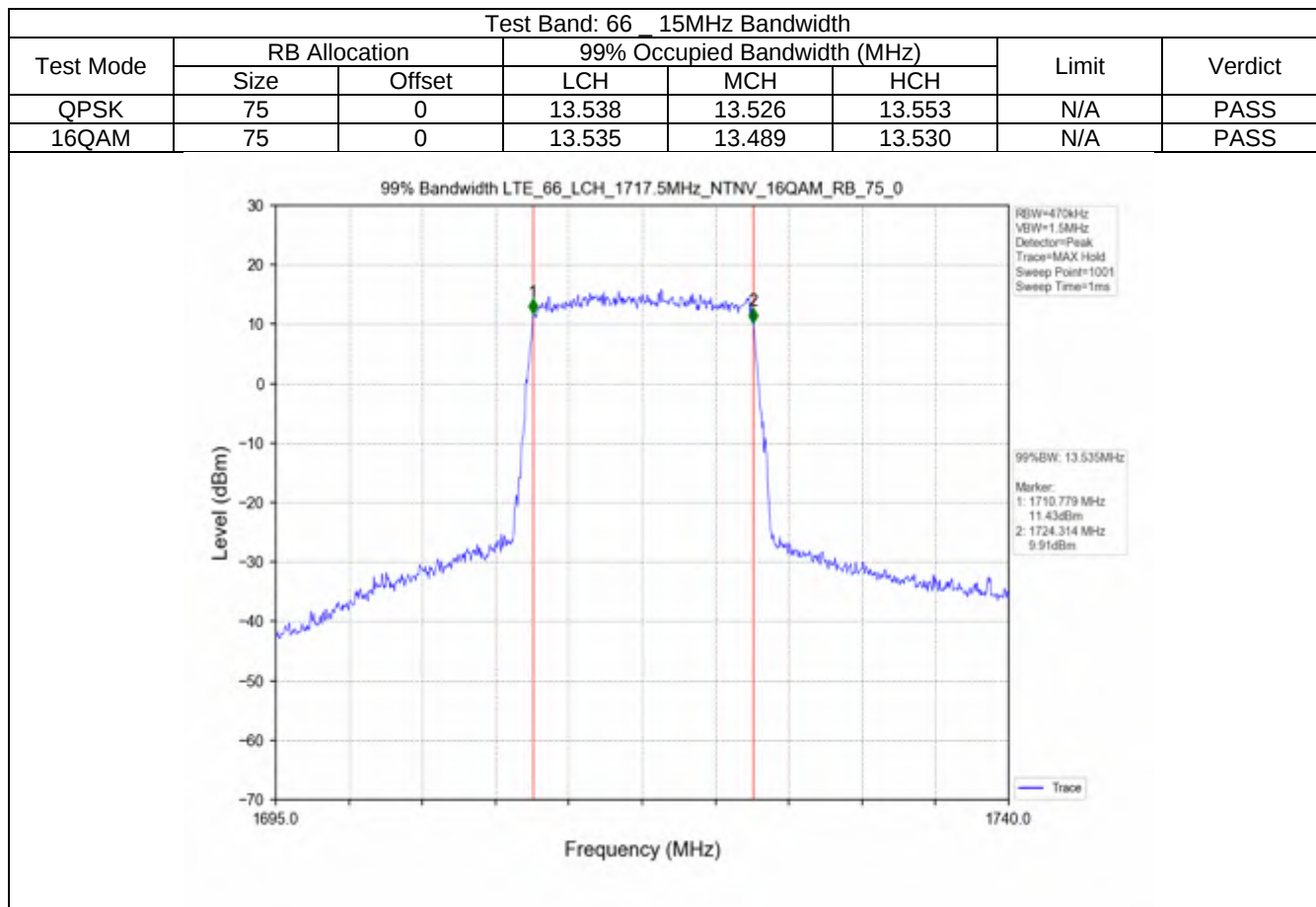
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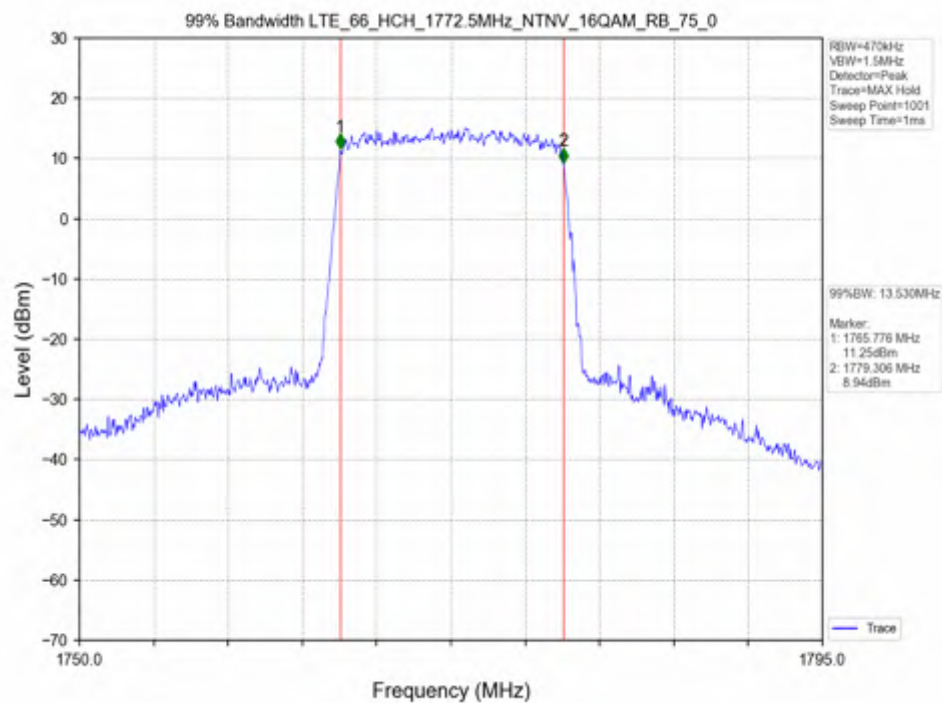
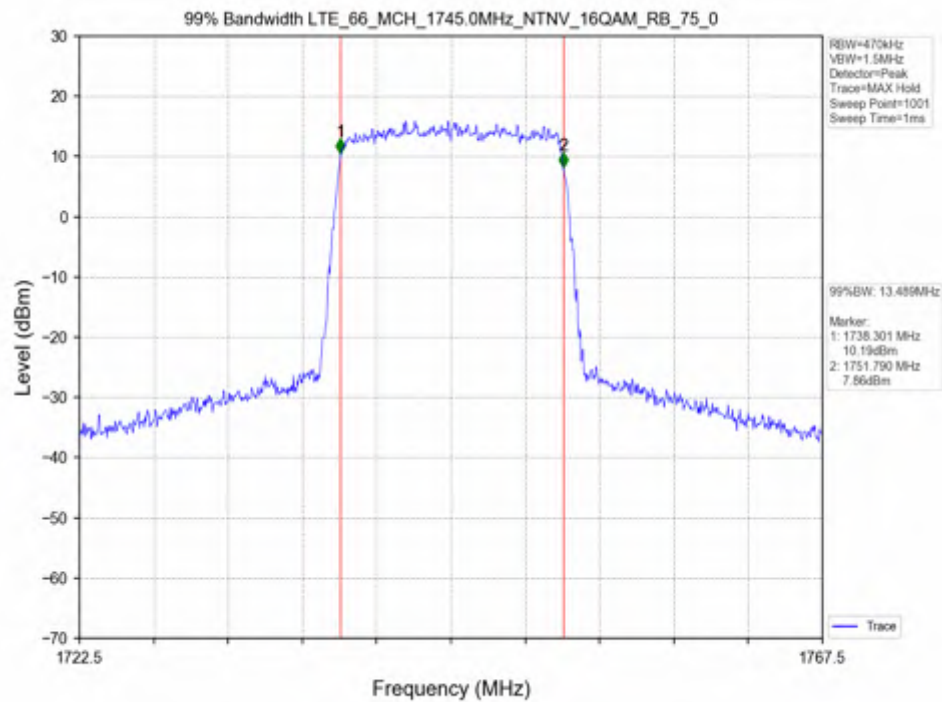
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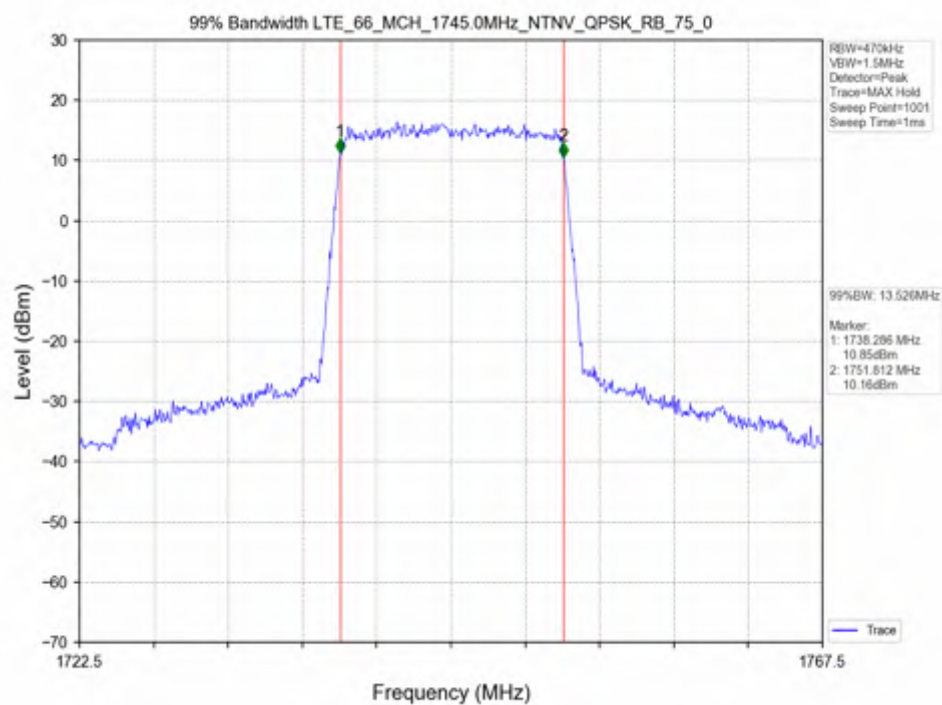
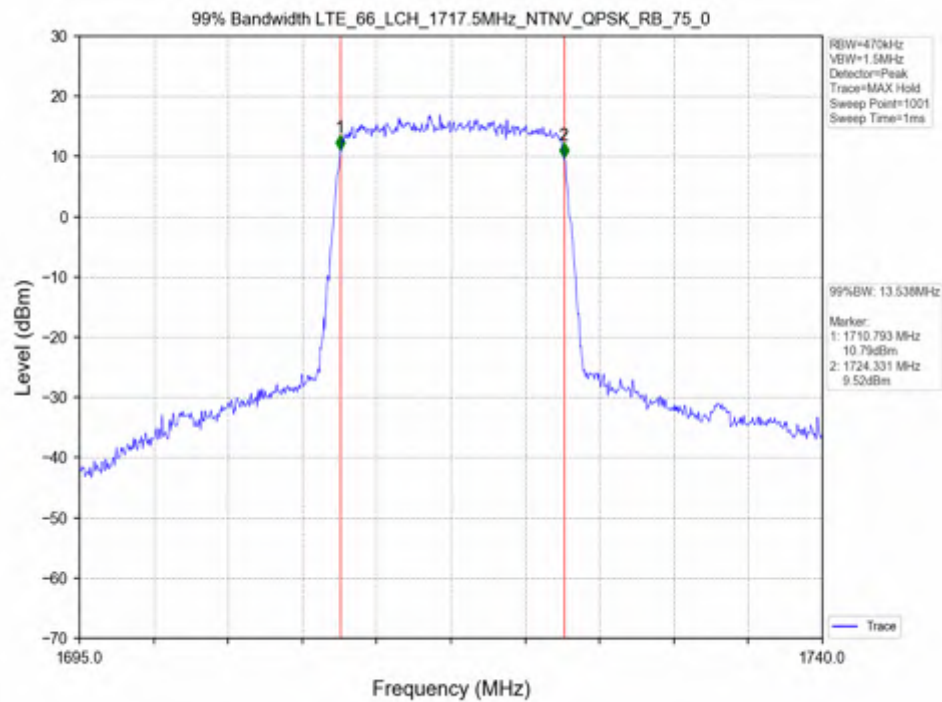
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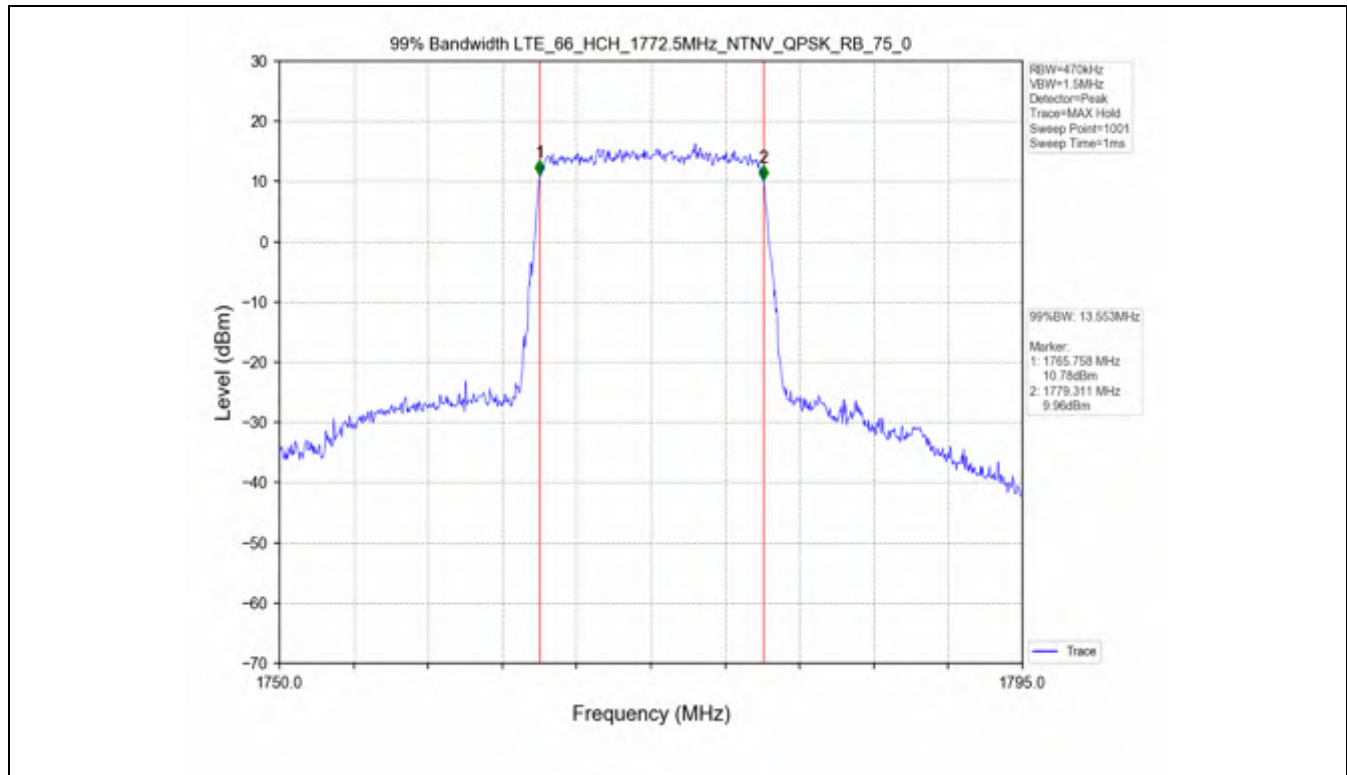
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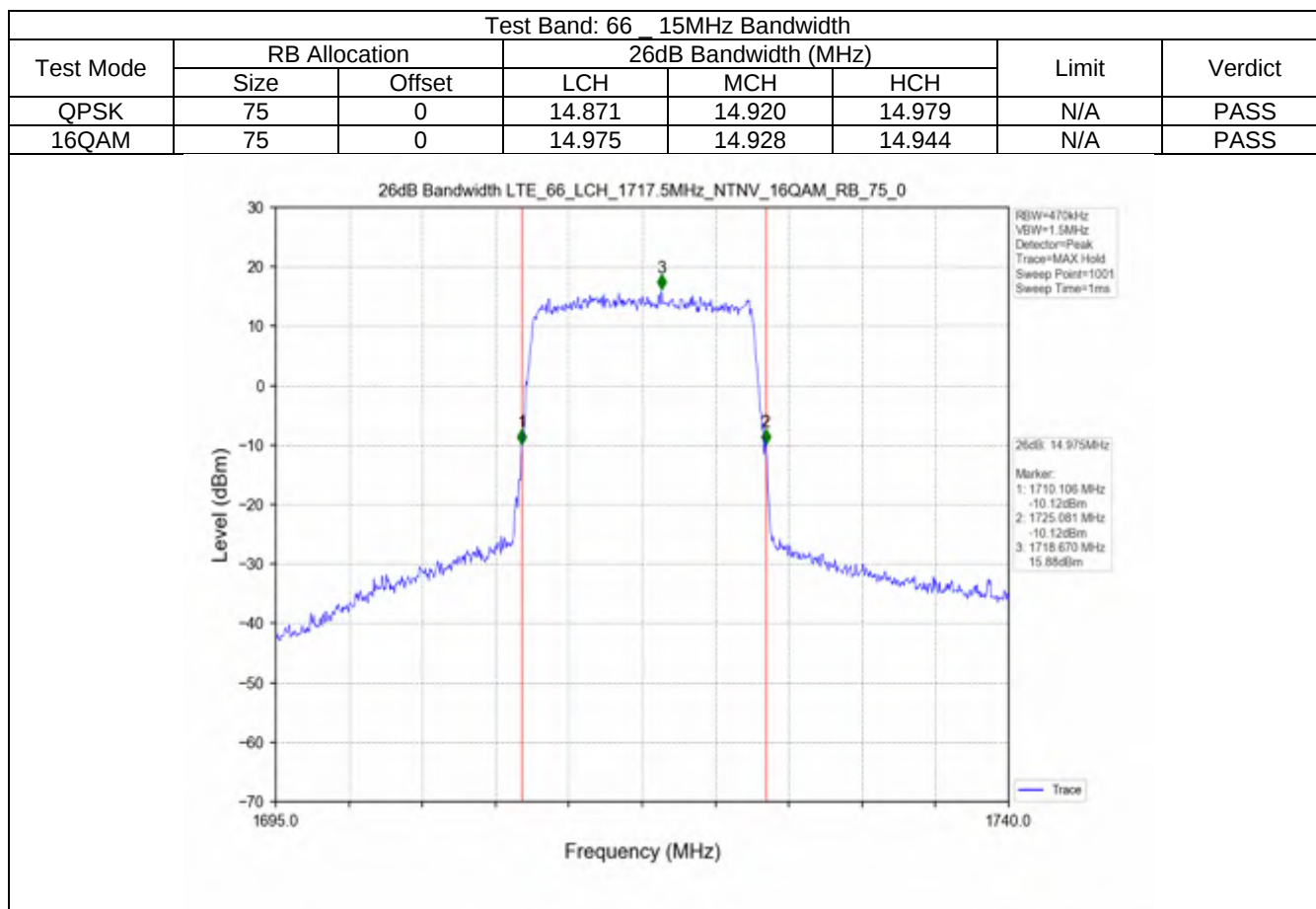
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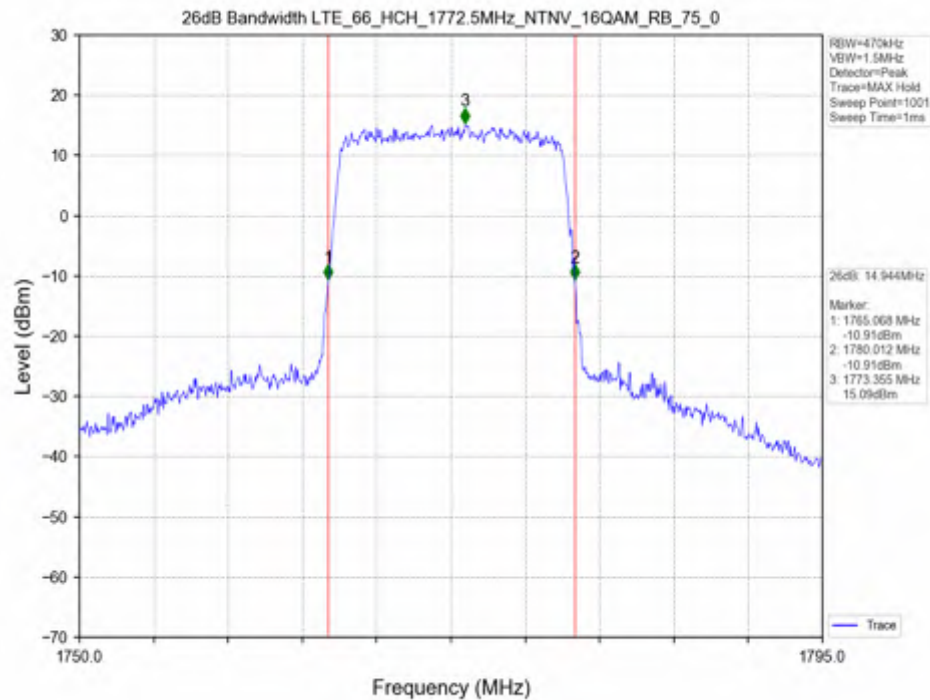
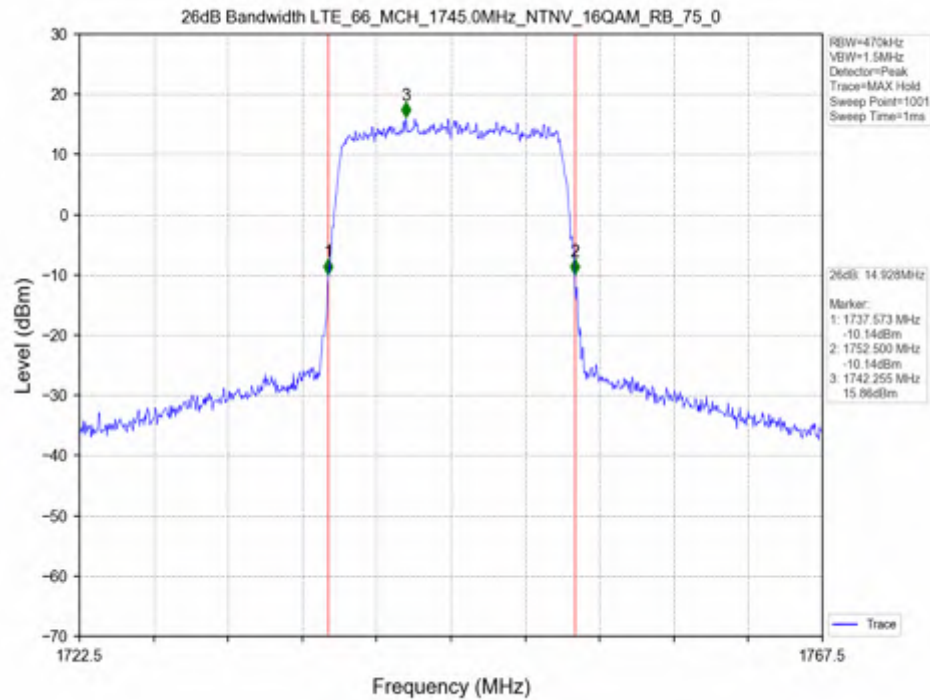
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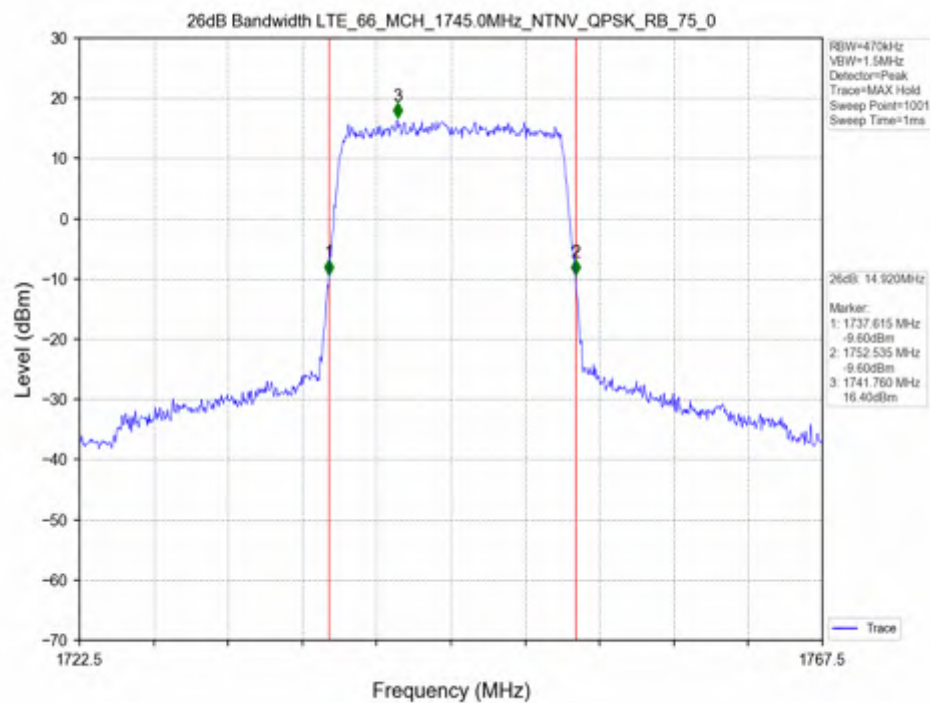
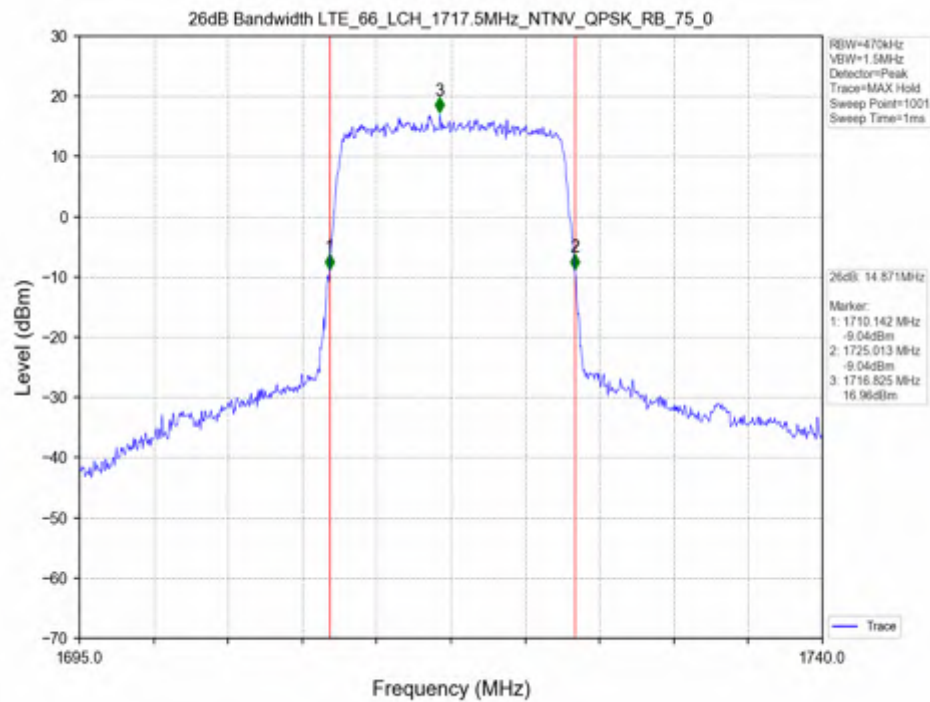
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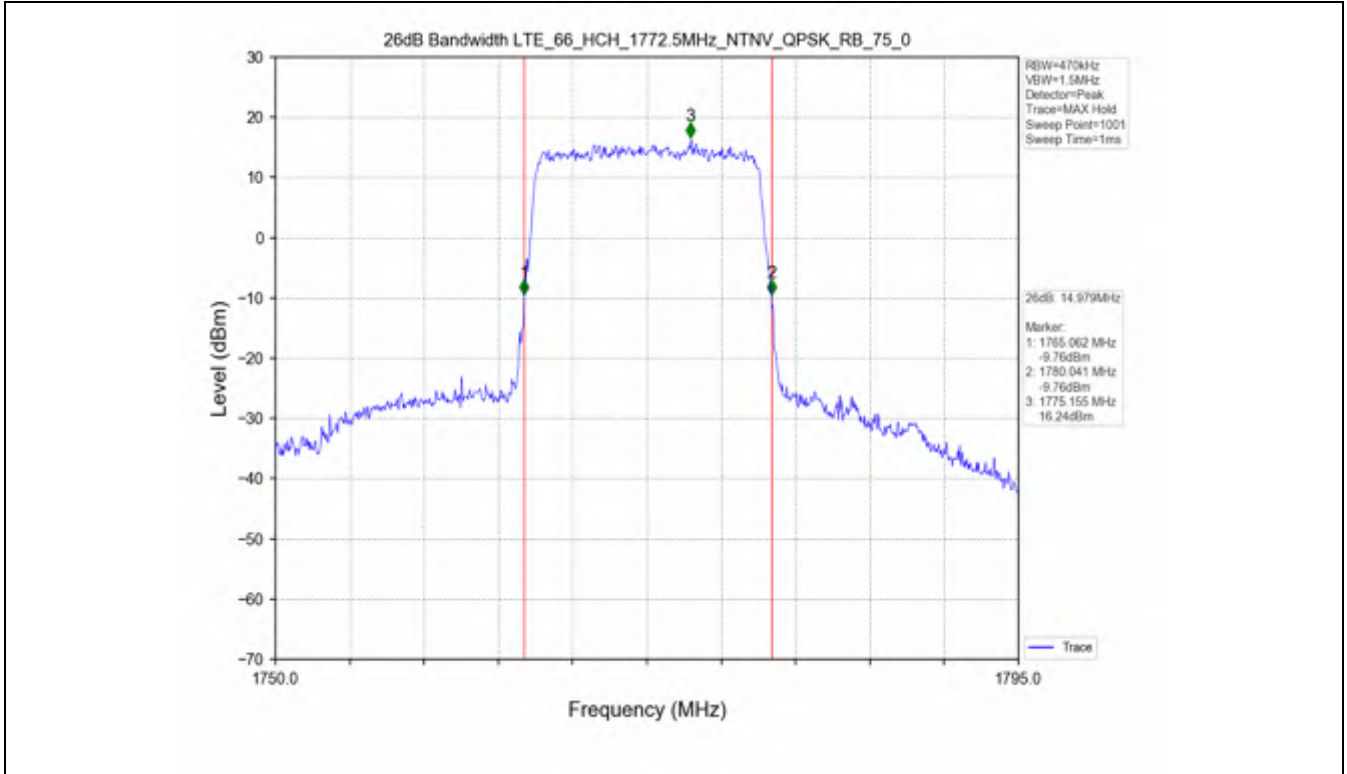


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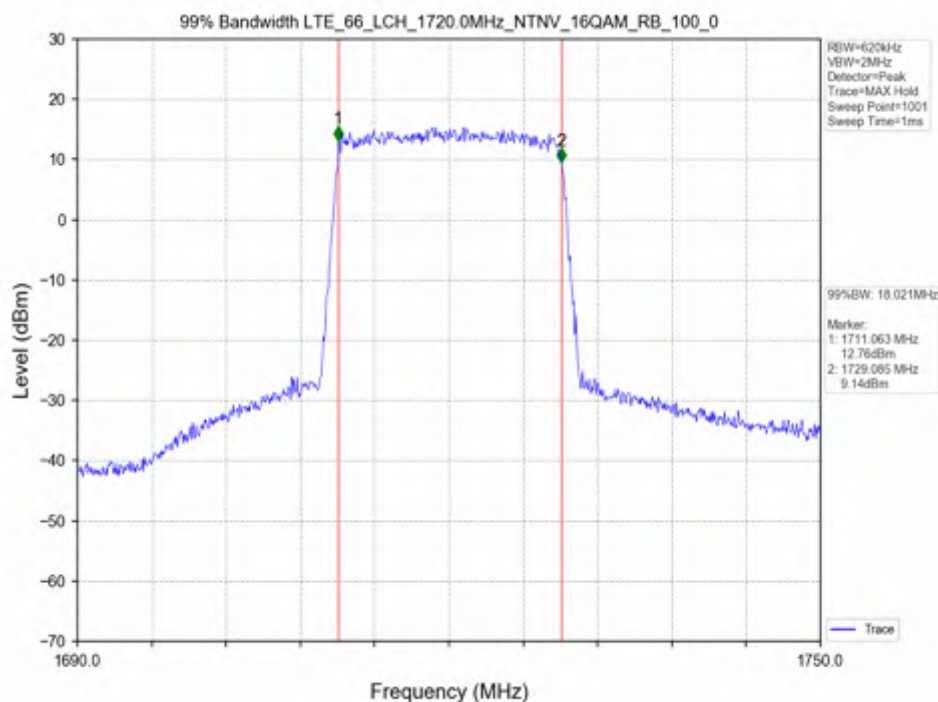


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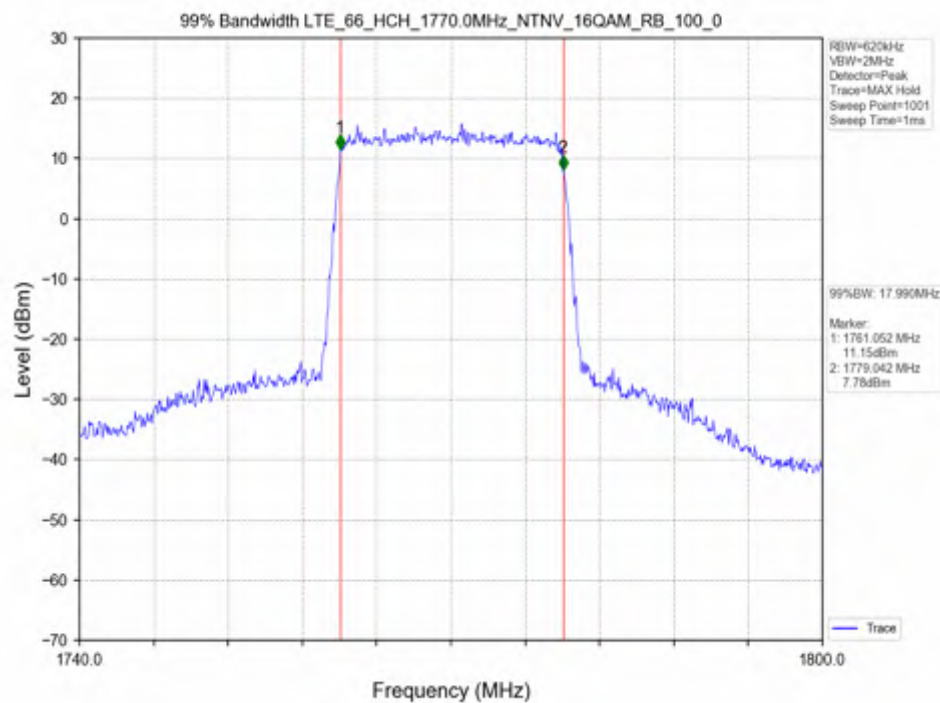
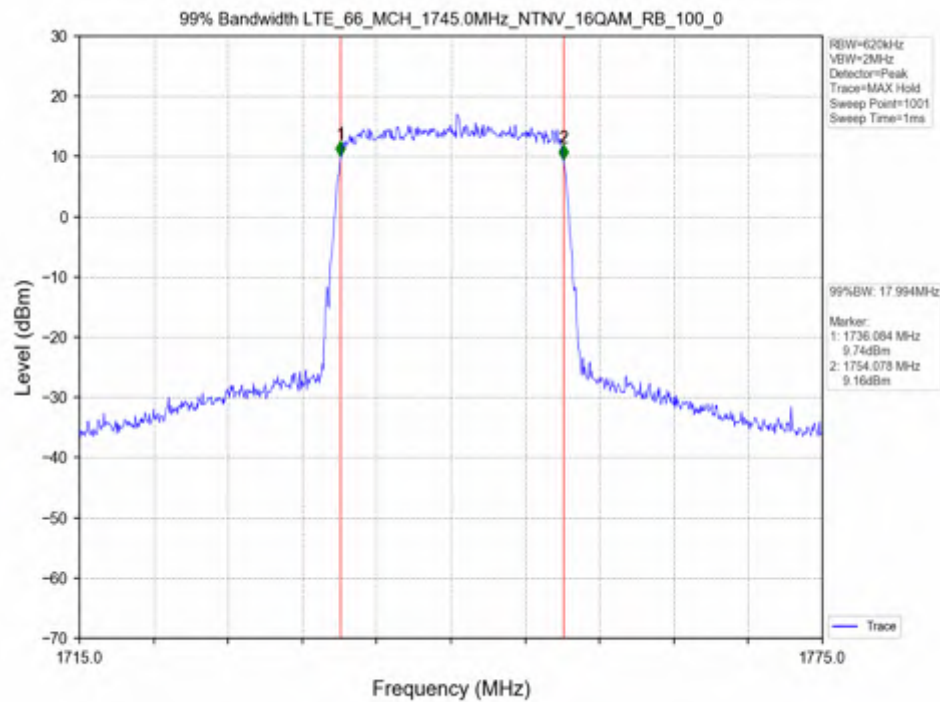
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Test Band: 66 20MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	17.995	18.007	18.034	N/A	PASS
16QAM	100	0	18.021	17.994	17.990	N/A	PASS



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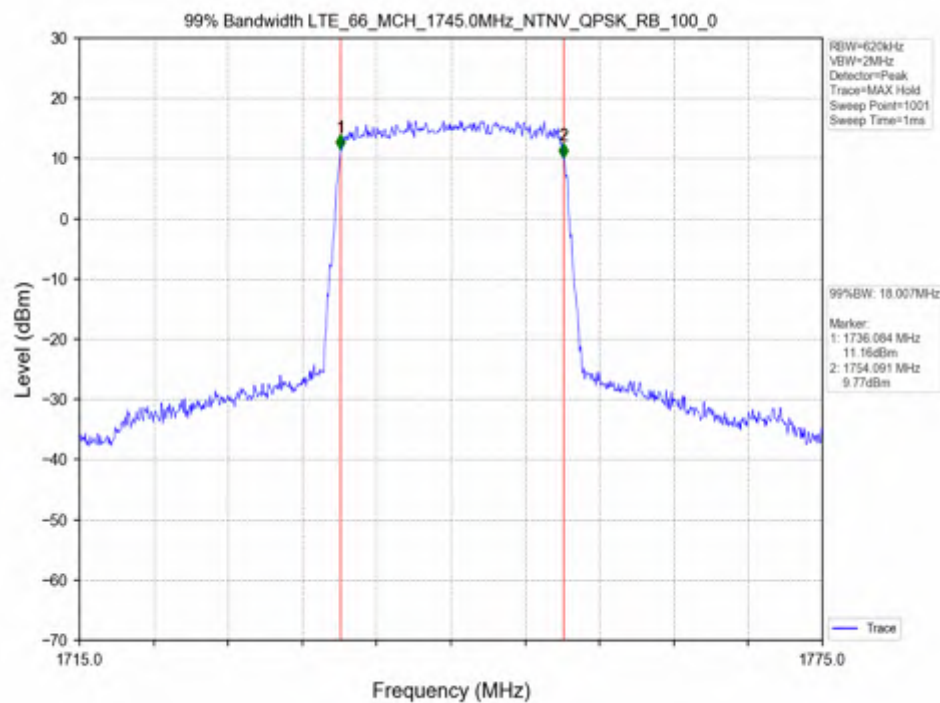
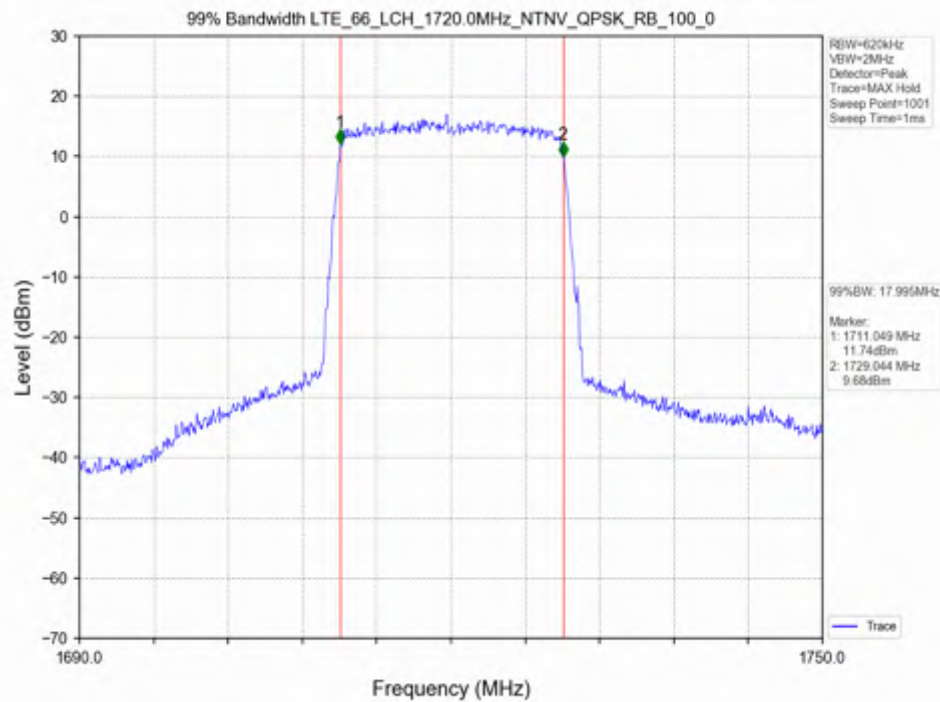


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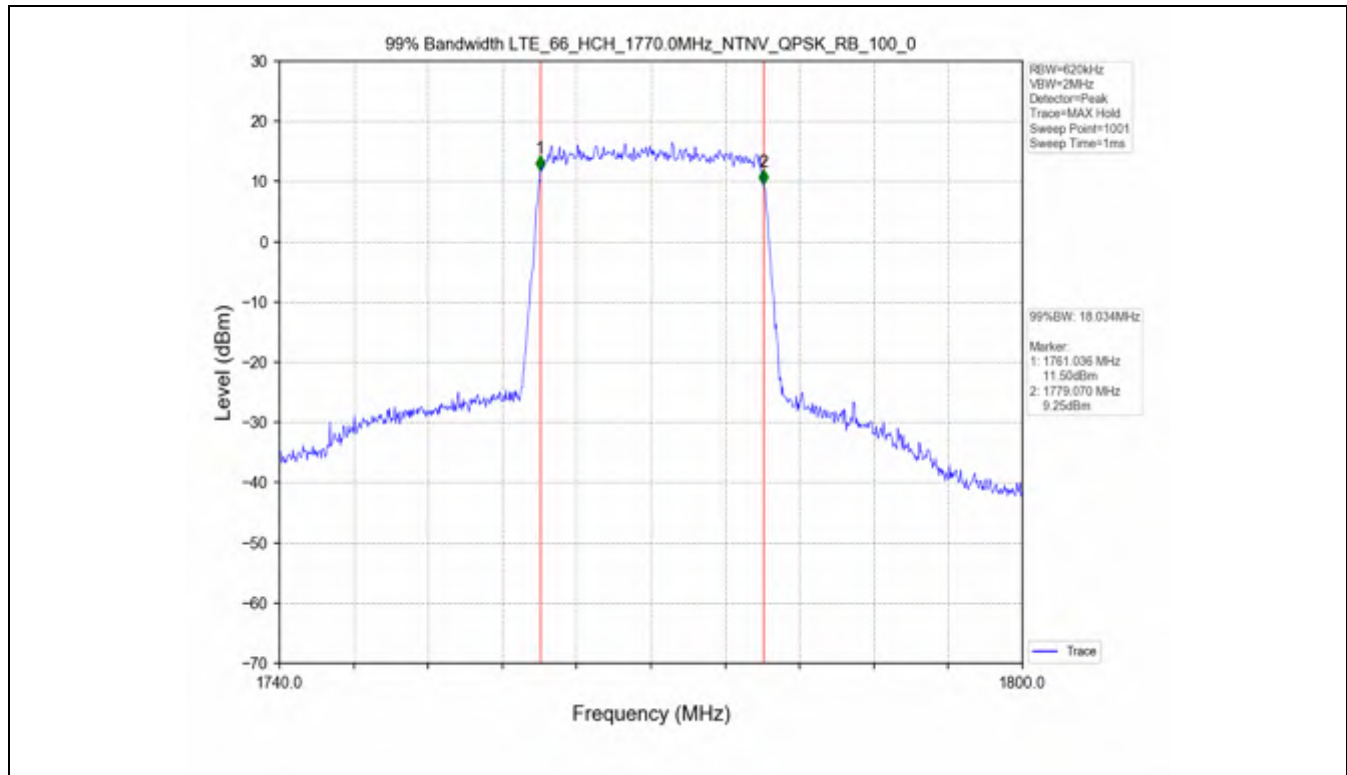
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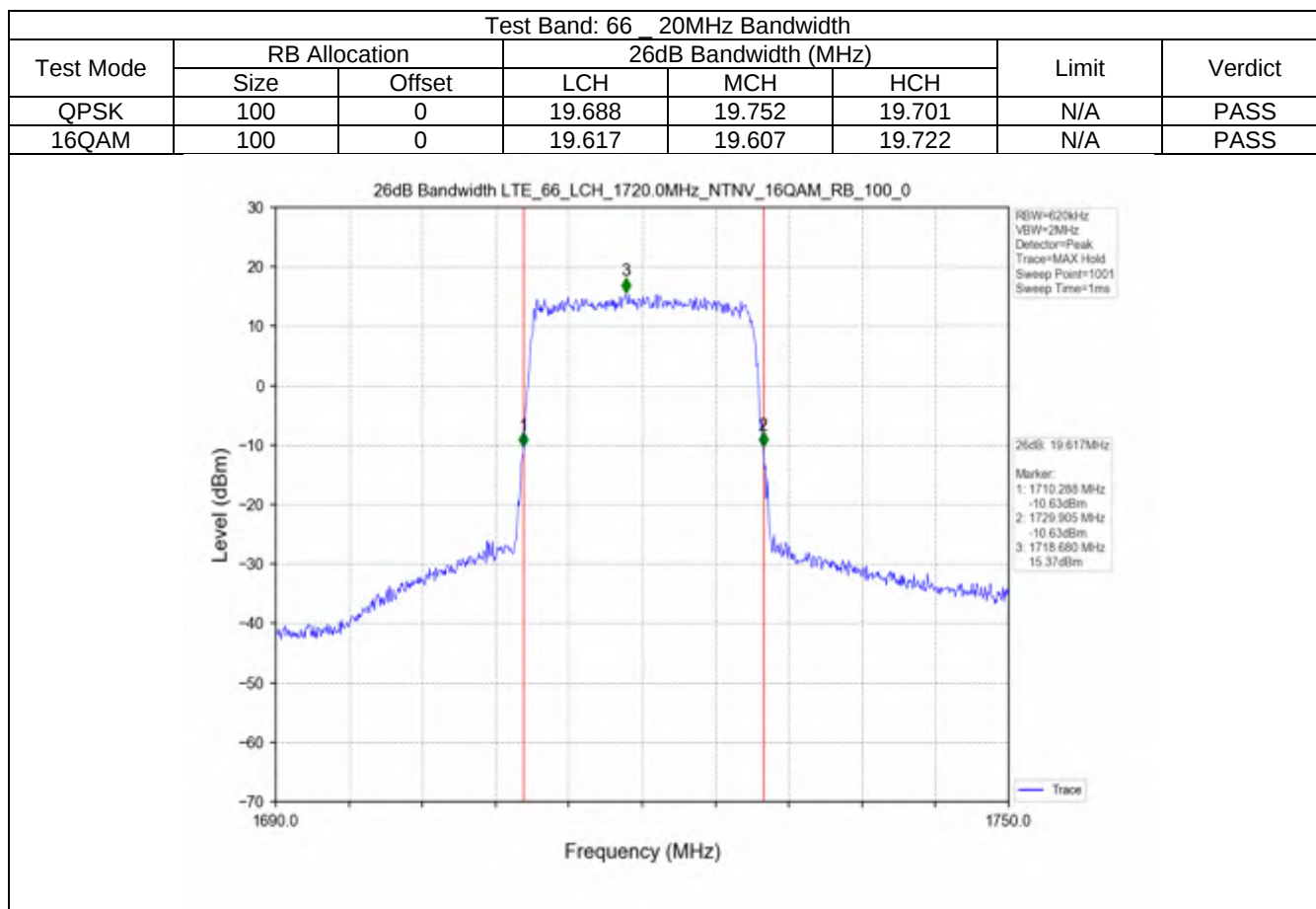


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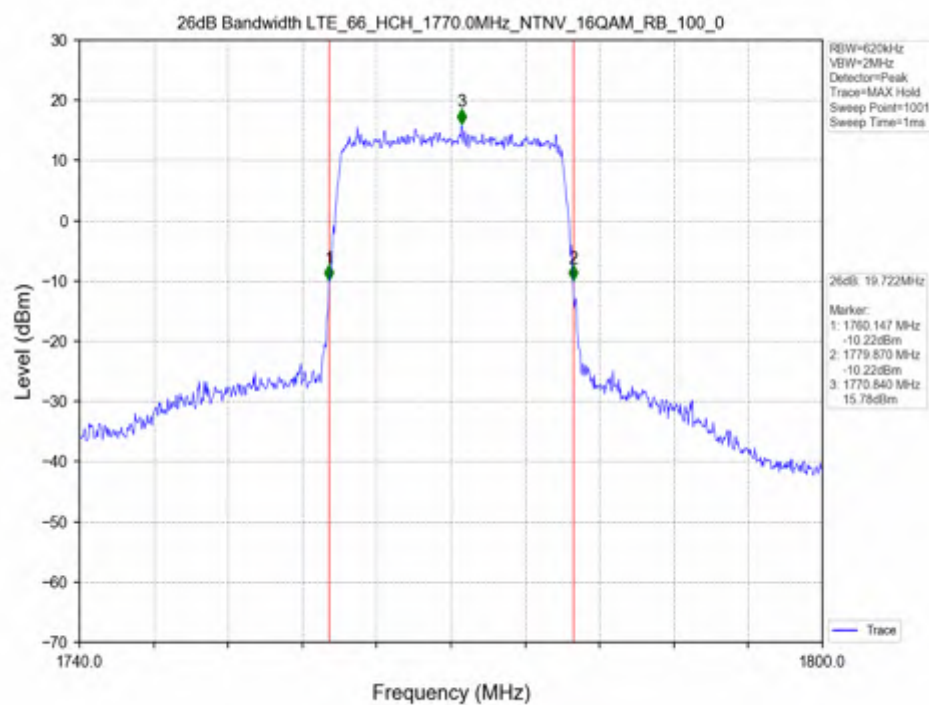
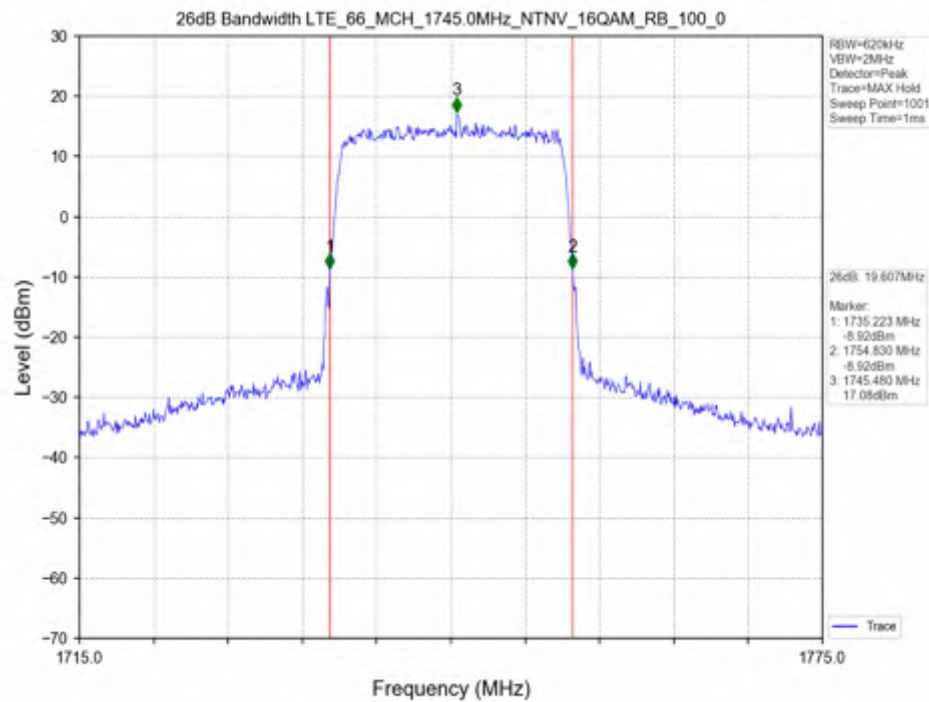
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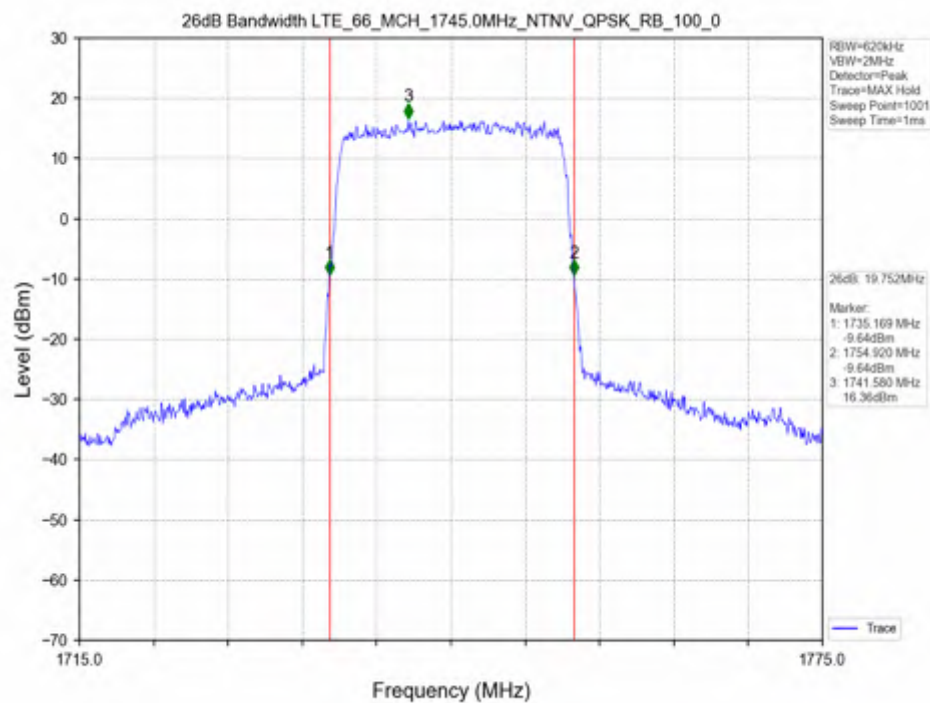
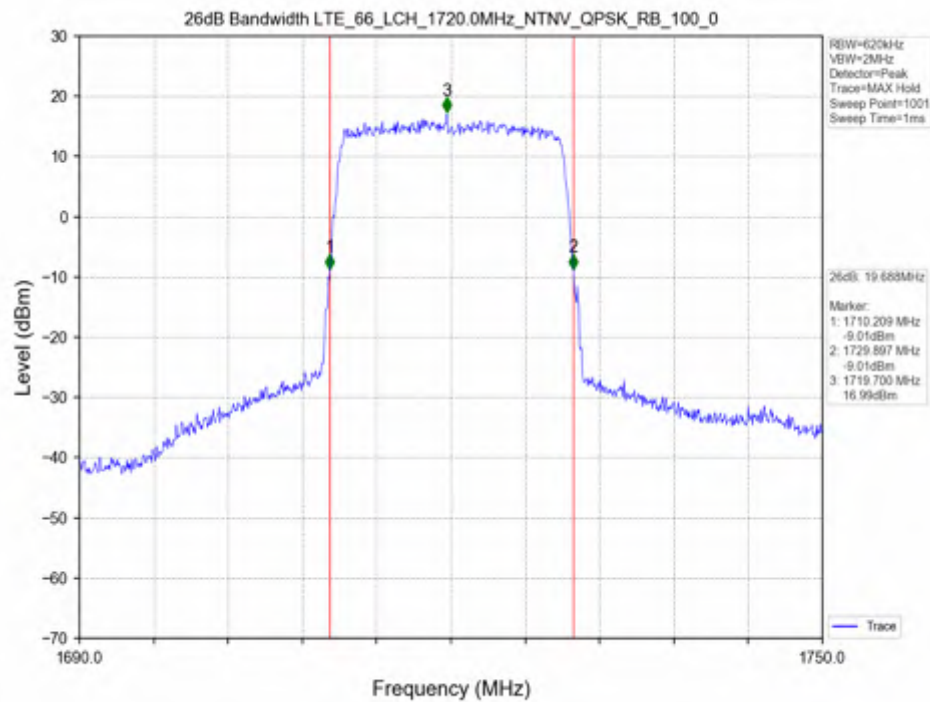


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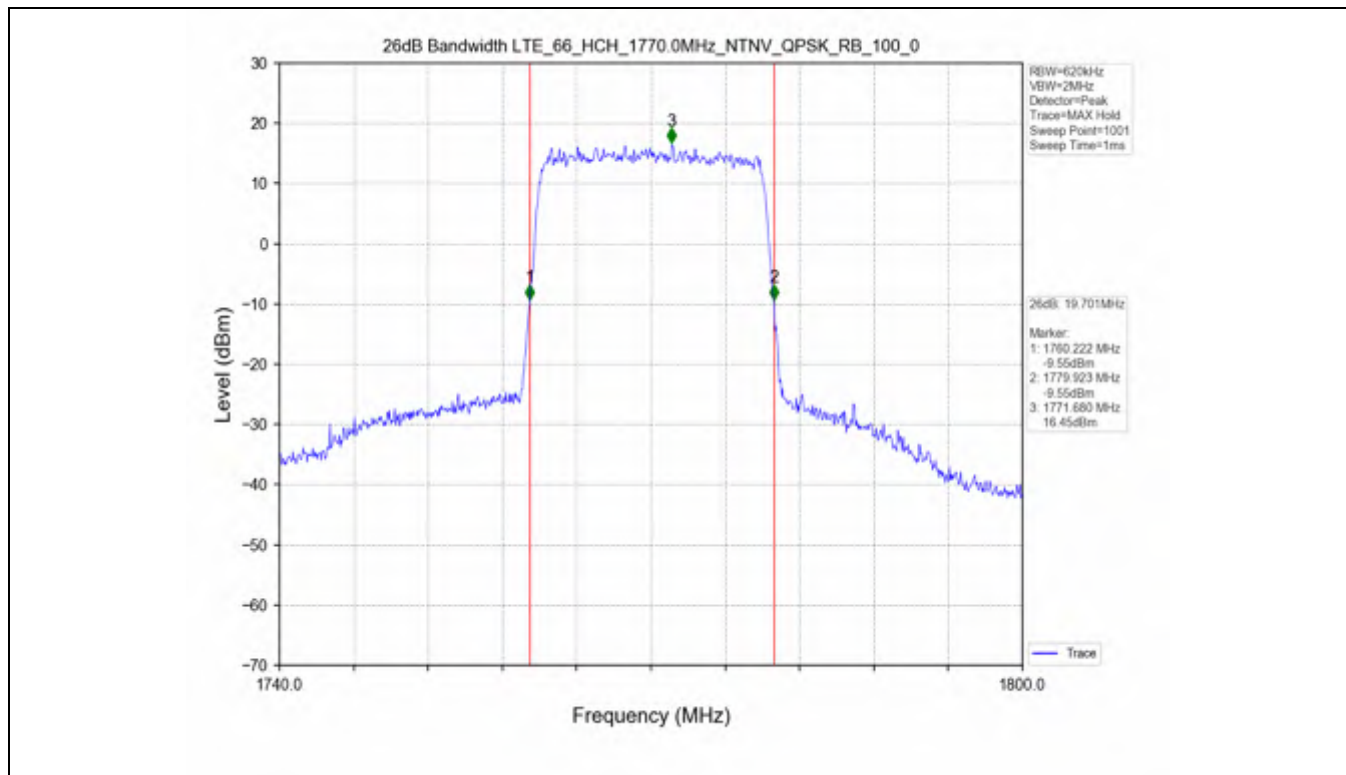


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2. Frequency stability

LTE Band 2

Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-1.7309	-3.1900	0.8726	-0.0009	-0.0017	0.0005	2.50	PASS
				NV	-2.1315	-2.5463	0.1431	-0.0012	-0.0014	0.0001	2.50	PASS
				HV	-3.0041	-2.7752	1.4734	-0.0016	-0.0015	0.0008	2.50	PASS
16QAM	6	0	NT	LV	-1.8597	-3.9625	0.0572	-0.0010	-0.0021	0.0000	2.50	PASS
				NV	-1.5020	-5.5933	0.4578	-0.0008	-0.0030	0.0002	2.50	PASS
				HV	-1.2159	-6.1512	-0.8011	-0.0007	-0.0033	-0.0004	2.50	PASS

Test Band: 2 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-1.4734	-2.2602	0.7439	-0.0008	-0.0012	0.0004	2.50	PASS
				-20.00	-0.7439	-4.2057	0.5293	-0.0004	-0.0022	0.0003	2.50	PASS
				-10.00	-0.5865	-4.1628	-0.8297	-0.0003	-0.0022	-0.0004	2.50	PASS
				0.00	-1.4877	-3.7909	0.2289	-0.0008	-0.0020	0.0001	2.50	PASS
				10.00	-1.8883	-3.9768	-0.9012	-0.0010	-0.0021	-0.0005	2.50	PASS
				20.00	-2.7466	-2.3317	1.0157	-0.0015	-0.0012	0.0005	2.50	PASS
				30.00	-2.6464	-2.9612	0.7439	-0.0014	-0.0016	0.0004	2.50	PASS
				40.00	-2.9182	-1.7309	-0.3719	-0.0016	-0.0009	-0.0002	2.50	PASS
				50.00	-3.0470	-3.5191	0.0286	-0.0016	-0.0019	0.0000	2.50	PASS
16QAM	6	0	NV	-30.00	-0.3862	-5.3358	-0.5007	-0.0002	-0.0028	-0.0003	2.50	PASS
				-20.00	-1.1444	-5.5361	0.3719	-0.0006	-0.0029	0.0002	2.50	PASS
				-10.00	-2.3174	-4.5919	-0.8440	-0.0013	-0.0024	-0.0004	2.50	PASS
				0.00	-1.6165	-4.1914	0.4005	-0.0009	-0.0022	0.0002	2.50	PASS
				10.00	-0.5293	-3.8481	1.2588	-0.0003	-0.0020	0.0007	2.50	PASS
				20.00	-1.9026	-4.8780	-0.4721	-0.0010	-0.0026	-0.0002	2.50	PASS
				30.00	-2.0027	-5.5075	1.4019	-0.0011	-0.0029	0.0007	2.50	PASS
				40.00	-2.2030	-5.6505	0.7725	-0.0012	-0.0030	0.0004	2.50	PASS
				50.00	-1.3304	-4.9353	0.5293	-0.0007	-0.0026	0.0003	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-2.5606	-2.9898	-0.6008	-0.0014	-0.0016	-0.0003	2.50	PASS
				NV	-3.6335	-3.1042	-0.6008	-0.0020	-0.0017	-0.0003	2.50	PASS
				HV	-2.1744	-4.8923	0.6294	-0.0012	-0.0026	0.0003	2.50	PASS
16QAM	15	0	NT	LV	-2.0885	-1.7309	0.8726	-0.0011	-0.0009	0.0005	2.50	PASS
				NV	-3.3045	-2.3317	0.1144	-0.0018	-0.0012	0.0001	2.50	PASS
				HV	-3.4332	-5.1641	-0.2146	-0.0019	-0.0027	-0.0001	2.50	PASS

Test Band: 2 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-2.6464	-3.9768	0.2861	-0.0014	-0.0021	0.0001	2.50	PASS
				-20.00	-3.0184	-3.9911	0.0429	-0.0016	-0.0021	0.0000	2.50	PASS



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				-10.00	-2.5034	-3.9053	0.8440	-0.0014	-0.0021	0.0004	2.50	PASS
				0.00	-3.3474	-2.2888	-0.4005	-0.0018	-0.0012	-0.0002	2.50	PASS
				10.00	-3.0756	-4.8780	0.2289	-0.0017	-0.0026	0.0001	2.50	PASS
				20.00	-2.9612	-3.9911	0.0858	-0.0016	-0.0021	0.0000	2.50	PASS
				30.00	-2.8467	-4.5633	0.0715	-0.0015	-0.0024	0.0000	2.50	PASS
				40.00	-2.8753	-3.5048	0.7725	-0.0016	-0.0019	0.0004	2.50	PASS
				50.00	-1.8311	-3.3617	0.2575	-0.0010	-0.0018	0.0001	2.50	PASS
16QAM	15	0	NV	-30.00	-4.9782	-3.4189	0.1574	-0.0027	-0.0018	0.0001	2.50	PASS
				-20.00	-2.3031	-5.3501	0.4148	-0.0012	-0.0028	0.0002	2.50	PASS
				-10.00	-4.5490	-3.3331	-0.5722	-0.0025	-0.0018	-0.0003	2.50	PASS
				0.00	-2.8610	-3.2043	-2.3317	-0.0015	-0.0017	-0.0012	2.50	PASS
				10.00	-3.2473	-4.4489	-0.9727	-0.0018	-0.0024	-0.0005	2.50	PASS
				20.00	-2.3890	-4.5490	-1.5020	-0.0013	-0.0024	-0.0008	2.50	PASS
				30.00	-2.5320	-5.3930	-1.7595	-0.0014	-0.0029	-0.0009	2.50	PASS
				40.00	-3.1614	-3.7336	-1.0157	-0.0017	-0.0020	-0.0005	2.50	PASS
				50.00	-2.2459	-2.4462	-1.9455	-0.0012	-0.0013	-0.0010	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-2.4891	-2.9469	0.3576	-0.0013	-0.0016	0.0002	2.50	PASS
				NV	-2.2316	-3.2759	0.0858	-0.0012	-0.0017	0.0000	2.50	PASS
				HV	-1.7452	-4.8208	-1.5879	-0.0009	-0.0026	-0.0008	2.50	PASS
16QAM	25	0	NT	LV	-3.0470	-4.1199	0.5150	-0.0016	-0.0022	0.0003	2.50	PASS
				NV	-2.5034	-3.5620	-0.4578	-0.0014	-0.0019	-0.0002	2.50	PASS
				HV	-3.1328	-3.7909	1.1730	-0.0017	-0.0020	0.0006	2.50	PASS

Test Band: 2 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-2.5463	-4.0770	-0.6580	-0.0014	-0.0022	-0.0003	2.50	PASS
				-20.00	-1.0872	2.3603	-0.5293	-0.0006	0.0013	-0.0003	2.50	PASS
				-10.00	-3.0470	-6.2227	-1.7023	-0.0016	-0.0033	-0.0009	2.50	PASS
				0.00	-2.2459	-4.6492	0.4005	-0.0012	-0.0025	0.0002	2.50	PASS
				10.00	-1.7738	-3.7909	-1.6165	-0.0010	-0.0020	-0.0008	2.50	PASS
				20.00	-2.2602	-4.6778	-0.2575	-0.0012	-0.0025	-0.0001	2.50	PASS
				30.00	-1.1730	-0.0858	-2.0170	-0.0006	0.0000	-0.0011	2.50	PASS
				40.00	-2.3031	-3.7193	0.0715	-0.0012	-0.0020	0.0000	2.50	PASS
				50.00	-3.2473	-0.8583	-0.7725	-0.0018	-0.0005	-0.0004	2.50	PASS
16QAM	25	0	NV	-30.00	-1.6451	-2.4033	-0.7153	-0.0009	-0.0013	-0.0004	2.50	PASS
				-20.00	-2.7466	-3.8481	0.3719	-0.0015	-0.0020	0.0002	2.50	PASS
				-10.00	-2.3746	-4.6492	0.9012	-0.0013	-0.0025	0.0005	2.50	PASS
				0.00	-1.9741	-3.9625	-0.4578	-0.0011	-0.0021	-0.0002	2.50	PASS
				10.00	-2.7180	-2.9469	-1.0157	-0.0015	-0.0016	-0.0005	2.50	PASS
				20.00	-3.4904	-3.2187	-1.1873	-0.0019	-0.0017	-0.0006	2.50	PASS
				30.00	-1.8168	-4.2343	0.6723	-0.0010	-0.0023	0.0004	2.50	PASS
				40.00	-3.7336	-4.7493	-0.0286	-0.0020	-0.0025	0.0000	2.50	PASS
				50.00	-1.8168	-4.6492	0.0143	-0.0010	-0.0025	0.0000	2.50	PASS

Test Band: 2_10MHz Bandwidth (Frequency Error VS. Voltage)							
Test Mode	RB Allocation	Test	Test	Freq. Error (Hz)	Freq. vs. rated (ppm)	Limit	Verdict



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	Size	Offset	Temp.	Volt.	LCH	MCH	HCH	LCH	MCH	HCH	(ppm)	
QPSK	50	0	NT	LV	-2.9325	-3.7766	-0.3862	-0.0016	-0.0020	-0.0002	2.50	PASS
				NV	-1.8740	-2.1887	0.1717	-0.0010	-0.0012	0.0001	2.50	PASS
				HV	-3.0756	-4.1485	0.0858	-0.0017	-0.0022	0.0000	2.50	PASS
16QAM	50	0	NT	LV	-2.4033	-4.7350	0.5293	-0.0013	-0.0025	0.0003	2.50	PASS
				NV	-2.6321	-3.6192	0.5436	-0.0014	-0.0019	0.0003	2.50	PASS
				HV	-3.5191	-4.0913	1.2302	-0.0019	-0.0022	0.0006	2.50	PASS

Test Band: 2_10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-2.0885	-3.9911	1.1444	-0.0011	-0.0021	0.0006	2.50	PASS
				-20.00	-4.0340	-4.5490	0.8297	-0.0022	-0.0024	0.0004	2.50	PASS
				-10.00	-3.1614	-3.6192	0.0858	-0.0017	-0.0019	0.0000	2.50	PASS
				0.00	-3.3903	-3.4475	0.5436	-0.0018	-0.0018	0.0003	2.50	PASS
				10.00	-2.6035	-3.5620	0.0429	-0.0014	-0.0019	0.0000	2.50	PASS
				20.00	-2.7752	-3.6049	0.2289	-0.0015	-0.0019	0.0001	2.50	PASS
				30.00	-2.9898	-4.4775	1.5306	-0.0016	-0.0024	0.0008	2.50	PASS
				40.00	-3.6335	-2.9182	0.0429	-0.0020	-0.0016	0.0000	2.50	PASS
				50.00	-3.7336	-3.0470	-0.5722	-0.0020	-0.0016	-0.0003	2.50	PASS
16QAM	50	0	NV	-30.00	-2.9898	-2.7895	0.2432	-0.0016	-0.0015	0.0001	2.50	PASS
				-20.00	-2.5034	-4.2057	1.0872	-0.0013	-0.0022	0.0006	2.50	PASS
				-10.00	-2.4748	-4.1485	1.3161	-0.0013	-0.0022	0.0007	2.50	PASS
				0.00	-2.8324	-3.5191	-0.6294	-0.0015	-0.0019	-0.0003	2.50	PASS
				10.00	-2.8610	-1.3018	0.5865	-0.0015	-0.0007	0.0003	2.50	PASS
				20.00	-1.8883	-4.0197	1.4162	-0.0010	-0.0021	0.0007	2.50	PASS
				30.00	-3.8052	-4.3774	0.3576	-0.0021	-0.0023	0.0002	2.50	PASS
				40.00	-3.1328	-4.1199	0.1001	-0.0017	-0.0022	0.0001	2.50	PASS
				50.00	-2.2459	-3.8910	0.4435	-0.0012	-0.0021	0.0002	2.50	PASS



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Test Band: 2 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-5.1785	-3.9339	-3.0327	-0.0028	-0.0021	-0.0016	2.50	PASS
				NV	-4.0913	-3.8195	-3.8481	-0.0022	-0.0020	-0.0020	2.50	PASS
				HV	-4.5776	-4.1342	-3.3903	-0.0025	-0.0022	-0.0018	2.50	PASS
16QAM	75	0	NT	LV	-3.4189	-3.5906	-3.3188	-0.0018	-0.0019	-0.0017	2.50	PASS
				NV	-3.9625	-2.9898	-4.1771	-0.0021	-0.0016	-0.0022	2.50	PASS
				HV	-3.0041	-3.3903	-3.5477	-0.0016	-0.0018	-0.0019	2.50	PASS

Test Band: 2 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	-3.8624	-4.0340	-3.8624	-0.0021	-0.0021	-0.0020	2.50	PASS
				-20.00	-4.9925	-2.7466	-4.6062	-0.0027	-0.0015	-0.0024	2.50	PASS
				-10.00	-3.5906	-4.1056	-4.3917	-0.0019	-0.0022	-0.0023	2.50	PASS
				0.00	-3.4475	-3.0041	-4.1771	-0.0019	-0.0016	-0.0022	2.50	PASS
				10.00	-3.7336	-3.7479	-3.7909	-0.0020	-0.0020	-0.0020	2.50	PASS
				20.00	-3.7193	-4.3058	-3.7909	-0.0020	-0.0023	-0.0020	2.50	PASS
				30.00	-3.4475	-3.4189	-3.5620	-0.0019	-0.0018	-0.0019	2.50	PASS
				40.00	-3.5763	-4.1628	-4.0770	-0.0019	-0.0022	-0.0021	2.50	PASS
				50.00	-4.1914	-3.8195	-4.0483	-0.0023	-0.0020	-0.0021	2.50	PASS
16QAM	75	0	NV	-30.00	-3.1185	-3.1328	-4.4203	-0.0017	-0.0017	-0.0023	2.50	PASS
				-20.00	-3.3760	-4.2343	-3.1757	-0.0018	-0.0023	-0.0017	2.50	PASS
				-10.00	-3.7622	-3.1185	-4.4632	-0.0020	-0.0017	-0.0023	2.50	PASS
				0.00	-3.2473	-4.0054	-3.4761	-0.0017	-0.0021	-0.0018	2.50	PASS
				10.00	-2.9755	-3.0041	-3.7766	-0.0016	-0.0016	-0.0020	2.50	PASS
				20.00	-4.1199	-3.4475	-3.8624	-0.0022	-0.0018	-0.0020	2.50	PASS
				30.00	-3.4904	-3.2759	-3.3474	-0.0019	-0.0017	-0.0018	2.50	PASS
				40.00	-4.2772	-3.6478	-3.2759	-0.0023	-0.0019	-0.0017	2.50	PASS
				50.00	-4.0197	-4.2486	-4.0913	-0.0022	-0.0023	-0.0022	2.50	PASS

Test Band: 2 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.8883	-2.5463	-1.7452	0.0010	-0.0014	-0.0009	2.50	PASS
				NV	0.0286	-3.8338	-2.5034	0.0000	-0.0020	-0.0013	2.50	PASS
				HV	0.7296	-2.5034	-2.5034	0.0004	-0.0013	-0.0013	2.50	PASS
16QAM	100	0	NT	LV	1.4448	-4.7064	-2.0170	0.0008	-0.0025	-0.0011	2.50	PASS
				NV	0.8869	-3.6049	-2.2459	0.0005	-0.0019	-0.0012	2.50	PASS
				HV	-0.0286	-3.0756	-2.5320	0.0000	-0.0016	-0.0013	2.50	PASS



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Test Band: 2 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	0.2432	-4.0913	-2.8610	0.0001	-0.0022	-0.0015	2.50	PASS
				-20.00	1.1158	-3.2473	-3.4475	0.0006	-0.0017	-0.0018	2.50	PASS
				-10.00	0.2289	-3.4332	-2.7323	0.0001	-0.0018	-0.0014	2.50	PASS
				0.00	-0.5579	-4.8923	-2.0170	-0.0003	-0.0026	-0.0011	2.50	PASS
				10.00	0.1574	-2.5749	-2.9182	0.0001	-0.0014	-0.0015	2.50	PASS
				20.00	1.1158	-3.4332	-3.3760	0.0006	-0.0018	-0.0018	2.50	PASS
				30.00	1.5163	-2.8896	-2.1744	0.0008	-0.0015	-0.0011	2.50	PASS
				40.00	0.4435	-4.6206	-1.9884	0.0002	-0.0025	-0.0010	2.50	PASS
16QAM	100	0	NV	50.00	1.4448	-3.5763	-2.6894	0.0008	-0.0019	-0.0014	2.50	PASS
				-30.00	0.7010	-3.3903	-2.9898	0.0004	-0.0018	-0.0016	2.50	PASS
				-20.00	-0.2146	-3.9911	-2.8038	-0.0001	-0.0021	-0.0015	2.50	PASS
				-10.00	0.6580	-3.5048	-3.3331	0.0004	-0.0019	-0.0018	2.50	PASS
				0.00	1.0872	-4.0340	-2.8896	0.0006	-0.0021	-0.0015	2.50	PASS
				10.00	0.7010	-4.2629	-2.7323	0.0004	-0.0023	-0.0014	2.50	PASS
				20.00	1.5593	-3.7766	-3.3331	0.0008	-0.0020	-0.0018	2.50	PASS
				30.00	0.8297	-4.6206	-2.9898	0.0004	-0.0025	-0.0016	2.50	PASS
				40.00	1.6880	-3.8767	-2.3603	0.0009	-0.0021	-0.0012	2.50	PASS
				50.00	-0.3147	-2.6751	-2.6035	-0.0002	-0.0014	-0.0014	2.50	PASS

LTE Band 4

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	0.7439	-1.6022	-4.0913	0.0004	-0.0009	-0.0023	2.50	PASS
				NV	0.7725	-0.3719	-5.6791	0.0005	-0.0002	-0.0032	2.50	PASS
				HV	0.6008	-0.0715	-4.1914	0.0004	0.0000	-0.0024	2.50	PASS
16QAM	6	0	NT	LV	3.0613	1.1301	-4.4489	0.0018	0.0007	-0.0025	2.50	PASS
				NV	0.9298	1.9026	-4.5061	0.0005	0.0011	-0.0026	2.50	PASS
				HV	2.6751	0.4578	-3.2473	0.0016	0.0003	-0.0019	2.50	PASS

Test Band: 4 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	1.8740	0.5007	-3.4332	0.0011	0.0003	-0.0020	2.50	PASS
				-20.00	0.9298	0.7153	-4.5061	0.0005	0.0004	-0.0026	2.50	PASS
				-10.00	0.9298	-0.4721	-2.4033	0.0005	-0.0003	-0.0014	2.50	PASS
				0.00	0.5579	1.5450	-4.6492	0.0003	0.0009	-0.0027	2.50	PASS
				10.00	-0.1717	-1.3447	-2.3174	-0.0001	-0.0008	-0.0013	2.50	PASS
				20.00	0.9441	-0.0143	-2.9039	0.0006	0.0000	-0.0017	2.50	PASS
				30.00	0.8297	0.6437	-4.3344	0.0005	0.0004	-0.0025	2.50	PASS
				40.00	0.5865	1.0157	-3.0470	0.0003	0.0006	-0.0017	2.50	PASS
				50.00	1.4734	-0.7439	-3.2759	0.0009	-0.0004	-0.0019	2.50	PASS
16QAM	6	0	NV	-30.00	1.2302	1.4734	-4.0197	0.0007	0.0009	-0.0023	2.50	PASS
				-20.00	1.3161	1.2445	-3.7909	0.0008	0.0007	-0.0022	2.50	PASS
				-10.00	1.5163	1.3590	-3.3188	0.0009	0.0008	-0.0019	2.50	PASS
				0.00	2.6894	0.8011	-3.6478	0.0016	0.0005	-0.0021	2.50	PASS
				10.00	1.6451	1.1730	-2.5749	0.0010	0.0007	-0.0015	2.50	PASS



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				20.00	1.8168	0.2575	-3.8338	0.0011	0.0001	-0.0022	2.50	PASS
				30.00	0.1717	-0.5579	-3.2616	0.0001	-0.0003	-0.0019	2.50	PASS
				40.00	2.6321	1.7881	-4.4060	0.0015	0.0010	-0.0025	2.50	PASS
				50.00	2.1458	-0.1287	-3.5477	0.0013	-0.0001	-0.0020	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-0.4578	1.3161	-0.2003	-0.0003	0.0008	-0.0001	2.50	PASS
				NV	0.4148	2.9755	0.3576	0.0002	0.0017	0.0002	2.50	PASS
				HV	0.3719	2.0027	-0.3004	0.0002	0.0012	-0.0002	2.50	PASS
16QAM	15	0	NT	LV	-0.2718	1.8311	-0.0286	-0.0002	0.0011	0.0000	2.50	PASS
				NV	-0.9012	2.0027	-0.6294	-0.0005	0.0012	-0.0004	2.50	PASS
				HV	0.6723	1.8168	-0.2861	0.0004	0.0010	-0.0002	2.50	PASS

Test Band: 4 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	1.3876	1.1444	0.9155	0.0008	0.0007	0.0005	2.50	PASS
				-20.00	0.1001	2.5177	1.0300	0.0001	0.0015	0.0006	2.50	PASS
				-10.00	-0.9012	1.2159	-0.3862	-0.0005	0.0007	-0.0002	2.50	PASS
				0.00	0.3290	1.8454	0.7296	0.0002	0.0011	0.0004	2.50	PASS
				10.00	0.4005	3.1328	0.6580	0.0002	0.0018	0.0004	2.50	PASS
				20.00	0.9298	1.0443	0.4292	0.0005	0.0006	0.0002	2.50	PASS
				30.00	-0.7010	2.1315	-0.1144	-0.0004	0.0012	-0.0001	2.50	PASS
				40.00	0.3719	2.2173	-0.5150	0.0002	0.0013	-0.0003	2.50	PASS
				50.00	0.6294	2.4033	0.1001	0.0004	0.0014	0.0001	2.50	PASS
16QAM	15	0	NV	-30.00	0.0858	2.9755	-0.1431	0.0001	0.0017	-0.0001	2.50	PASS
				-20.00	-0.6437	1.4734	0.9155	-0.0004	0.0009	0.0005	2.50	PASS
				-10.00	1.1158	2.1172	-0.1001	0.0007	0.0012	-0.0001	2.50	PASS
				0.00	0.0286	2.7180	1.0300	0.0000	0.0016	0.0006	2.50	PASS
				10.00	-0.3004	2.4176	-0.6866	-0.0002	0.0014	-0.0004	2.50	PASS
				20.00	-0.7582	1.9312	0.2718	-0.0004	0.0011	0.0002	2.50	PASS
				30.00	-0.8869	2.5320	0.1001	-0.0005	0.0015	0.0001	2.50	PASS
				40.00	-0.1287	1.2302	-0.1860	-0.0001	0.0007	-0.0001	2.50	PASS
				50.00	-0.0429	2.3746	0.6294	0.0000	0.0014	0.0004	2.50	PASS



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Test Band: 4 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	1.8597	-0.0715	-3.0899	0.0011	0.0000	-0.0018	2.50	PASS
				NV	1.4591	0.9441	-3.2330	0.0009	0.0005	-0.0018	2.50	PASS
				HV	0.6151	1.5450	-3.1042	0.0004	0.0009	-0.0018	2.50	PASS
16QAM	25	0	NT	LV	1.1730	0.8154	-1.9884	0.0007	0.0005	-0.0011	2.50	PASS
				NV	1.6308	1.9312	-3.0470	0.0010	0.0011	-0.0017	2.50	PASS
				HV	0.6151	1.3733	-3.1471	0.0004	0.0008	-0.0018	2.50	PASS

Test Band: 4 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	1.4591	1.3876	-3.3903	0.0009	0.0008	-0.0019	2.50	PASS
				-20.00	2.2030	1.4305	-2.5177	0.0013	0.0008	-0.0014	2.50	PASS
				-10.00	1.1730	0.3862	-3.9339	0.0007	0.0002	-0.0022	2.50	PASS
				0.00	2.0456	0.8154	-2.4176	0.0012	0.0005	-0.0014	2.50	PASS
				10.00	1.9741	1.0157	-3.7479	0.0012	0.0006	-0.0021	2.50	PASS
				20.00	2.2602	1.6880	-3.1757	0.0013	0.0010	-0.0018	2.50	PASS
				30.00	1.9884	1.5450	-3.7050	0.0012	0.0009	-0.0021	2.50	PASS
				40.00	1.9169	0.9727	-4.0340	0.0011	0.0006	-0.0023	2.50	PASS
				50.00	1.4019	1.3161	-2.6608	0.0008	0.0008	-0.0015	2.50	PASS
16QAM	25	0	NV	-30.00	1.1015	0.4721	-3.2043	0.0006	0.0003	-0.0018	2.50	PASS
				-20.00	1.0014	1.9169	-2.2602	0.0006	0.0011	-0.0013	2.50	PASS
				-10.00	0.7725	1.8740	-4.2772	0.0005	0.0011	-0.0024	2.50	PASS
				0.00	1.5020	1.2875	-2.0885	0.0009	0.0007	-0.0012	2.50	PASS
				10.00	1.2159	0.5722	-3.1042	0.0007	0.0003	-0.0018	2.50	PASS
				20.00	0.9584	0.6008	-2.9325	0.0006	0.0003	-0.0017	2.50	PASS
				30.00	1.3733	0.6294	-4.5919	0.0008	0.0004	-0.0026	2.50	PASS
				40.00	1.1444	-0.1717	-2.7466	0.0007	-0.0001	-0.0016	2.50	PASS
				50.00	2.6035	0.9298	-3.5048	0.0015	0.0005	-0.0020	2.50	PASS

Test Band: 4 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-3.5191	-0.1001	0.9012	-0.0021	-0.0001	0.0005	2.50	PASS
				NV	-3.6764	0.3147	0.9441	-0.0021	0.0002	0.0005	2.50	PASS
				HV	-3.1471	0.1717	1.0443	-0.0018	0.0001	0.0006	2.50	PASS
16QAM	50	0	NT	LV	-3.0184	0.0572	1.0729	-0.0018	0.0000	0.0006	2.50	PASS
				NV	-3.0613	0.5865	1.7166	-0.0018	0.0003	0.0010	2.50	PASS
				HV	-3.7766	-0.2003	1.8740	-0.0022	-0.0001	0.0011	2.50	PASS



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Test Band: 4 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-3.3188	-0.4005	1.1873	-0.0019	-0.0002	0.0007	2.50	PASS
				-20.00	-3.4761	-0.2861	2.4319	-0.0020	-0.0002	0.0014	2.50	PASS
				-10.00	-3.3474	-0.5007	0.7439	-0.0020	-0.0003	0.0004	2.50	PASS
				0.00	-3.5477	-0.9155	0.6151	-0.0021	-0.0005	0.0004	2.50	PASS
				10.00	-2.7466	0.1287	1.3590	-0.0016	0.0001	0.0008	2.50	PASS
				20.00	-2.5320	0.6580	1.2732	-0.0015	0.0004	0.0007	2.50	PASS
				30.00	-3.1757	0.4721	1.4162	-0.0019	0.0003	0.0008	2.50	PASS
				40.00	-3.3903	0.2289	1.5306	-0.0020	0.0001	0.0009	2.50	PASS
16QAM	50	0	NV	50.00	-2.9325	-0.3147	2.0599	-0.0017	-0.0002	0.0012	2.50	PASS
				-30.00	-3.6192	0.1287	1.3018	-0.0021	0.0001	0.0007	2.50	PASS
				-20.00	-3.2759	0.2575	1.5593	-0.0019	0.0001	0.0009	2.50	PASS
				-10.00	-3.2187	0.2432	1.3590	-0.0019	0.0001	0.0008	2.50	PASS
				0.00	-3.7622	0.4721	0.8583	-0.0022	0.0003	0.0005	2.50	PASS
				10.00	-3.2616	0.3147	1.5736	-0.0019	0.0002	0.0009	2.50	PASS
				20.00	-4.2343	0.5579	2.5749	-0.0025	0.0003	0.0015	2.50	PASS
				30.00	-3.1471	-0.4864	0.8154	-0.0018	-0.0003	0.0005	2.50	PASS
				40.00	-3.5477	0.7582	1.0586	-0.0021	0.0004	0.0006	2.50	PASS
				50.00	-2.7752	1.5163	1.8883	-0.0016	0.0009	0.0011	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-0.8583	0.5150	-0.8869	-0.0005	0.0003	-0.0005	2.50	PASS
				NV	-0.1431	0.3576	0.5007	-0.0001	0.0002	0.0003	2.50	PASS
				HV	-0.0572	0.3290	-0.1144	0.0000	0.0002	-0.0001	2.50	PASS
16QAM	75	0	NT	LV	0.7439	-0.1860	-0.5007	0.0004	-0.0001	-0.0003	2.50	PASS
				NV	-0.0143	0.1287	-0.5436	0.0000	0.0001	-0.0003	2.50	PASS
				HV	-0.0286	-0.2289	-0.1431	0.0000	-0.0001	-0.0001	2.50	PASS

Test Band: 4 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	-0.4578	-0.1144	0.5722	-0.0003	-0.0001	0.0003	2.50	PASS
				-20.00	-0.3004	0.7582	0.5865	-0.0002	0.0004	0.0003	2.50	PASS
				-10.00	-0.1860	-0.0858	-0.0572	-0.0001	0.0000	0.0000	2.50	PASS
				0.00	-0.2146	-0.1431	-0.1717	-0.0001	-0.0001	-0.0001	2.50	PASS
				10.00	0.6723	-0.1431	0.4721	0.0004	-0.0001	0.0003	2.50	PASS
				20.00	0.1144	-0.1287	0.4148	0.0001	-0.0001	0.0002	2.50	PASS
				30.00	0.0429	-0.1860	0.2003	0.0000	-0.0001	0.0001	2.50	PASS
				40.00	-0.3004	0.0858	-0.5150	-0.0002	0.0000	-0.0003	2.50	PASS
16QAM	75	0	NV	50.00	-0.6580	-0.4864	0.3004	-0.0004	-0.0003	0.0002	2.50	PASS
				-30.00	-0.4435	-0.1001	0.2575	-0.0003	-0.0001	0.0001	2.50	PASS
				-20.00	-0.3290	0.2003	-0.1001	-0.0002	0.0001	-0.0001	2.50	PASS
				-10.00	-0.1001	-0.0572	0.0715	-0.0001	0.0000	0.0000	2.50	PASS
				0.00	0.7582	0.0858	-0.4005	0.0004	0.0000	-0.0002	2.50	PASS
				10.00	0.2861	-0.7296	-0.0429	0.0002	-0.0004	0.0000	2.50	PASS
				20.00	0.3862	-0.3576	-0.1860	0.0002	-0.0002	-0.0001	2.50	PASS
				30.00	-0.4721	-0.3147	0.1717	-0.0003	-0.0002	0.0001	2.50	PASS
				40.00	-0.1431	0.3433	-0.0715	-0.0001	0.0002	0.0000	2.50	PASS



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				50.00	0.9012	-0.5579	0.1860	0.0005	-0.0003	0.0001	2.50	PASS
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Test Band: 4 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	1.8740	-0.9584	-2.8038	0.0011	-0.0006	-0.0016	2.50	PASS
				NV	1.6880	0.4292	-3.0899	0.0010	0.0002	-0.0018	2.50	PASS
				HV	1.5593	-0.6151	-3.1757	0.0009	-0.0004	-0.0018	2.50	PASS
16QAM	100	0	NT	LV	0.9727	-0.1144	-3.5191	0.0006	-0.0001	-0.0020	2.50	PASS
				NV	1.2445	-0.4578	-2.4891	0.0007	-0.0003	-0.0014	2.50	PASS
				HV	1.5163	0.3433	-2.7180	0.0009	0.0002	-0.0016	2.50	PASS

Test Band: 4 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	1.4019	-0.1287	-2.5177	0.0008	-0.0001	-0.0014	2.50	PASS
				-20.00	1.1444	-0.3862	-2.4462	0.0007	-0.0002	-0.0014	2.50	PASS
				-10.00	1.2445	0.4005	-2.2745	0.0007	0.0002	-0.0013	2.50	PASS
				0.00	0.7010	-0.1717	-3.2187	0.0004	-0.0001	-0.0018	2.50	PASS
				10.00	1.0872	-0.8154	-2.9898	0.0006	-0.0005	-0.0017	2.50	PASS
				20.00	0.8154	-0.1860	-3.1185	0.0005	-0.0001	-0.0018	2.50	PASS
				30.00	1.0872	0.5865	-3.5477	0.0006	0.0003	-0.0020	2.50	PASS
				40.00	0.8011	0.1574	-3.2330	0.0005	0.0001	-0.0019	2.50	PASS
				50.00	1.2732	-0.1001	-3.3188	0.0007	-0.0001	-0.0019	2.50	PASS
16QAM	100	0	NV	-30.00	2.4462	-0.2575	-2.7466	0.0014	-0.0001	-0.0016	2.50	PASS
				-20.00	0.9298	-0.3290	-2.7180	0.0005	-0.0002	-0.0016	2.50	PASS
				-10.00	1.7023	-0.4148	-2.9612	0.0010	-0.0002	-0.0017	2.50	PASS
				0.00	1.7452	-0.3004	-3.7909	0.0010	-0.0002	-0.0022	2.50	PASS
				10.00	1.3876	0.0429	-2.8610	0.0008	0.0000	-0.0016	2.50	PASS
				20.00	1.3018	-1.1158	-2.8324	0.0008	-0.0006	-0.0016	2.50	PASS
				30.00	1.1873	-0.4292	-3.0613	0.0007	-0.0002	-0.0018	2.50	PASS
				40.00	1.3018	0.1144	-2.7895	0.0008	0.0001	-0.0016	2.50	PASS
				50.00	0.8011	0.1001	-3.1757	0.0005	0.0001	-0.0018	2.50	PASS



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LTE Band 5

Test Band: 5 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-2.0027	-0.6866	-1.4305	-0.0024	-0.0008	-0.0017	2.50	PASS
				NV	-1.9026	-0.3719	-1.2875	-0.0023	-0.0004	-0.0015	2.50	PASS
				HV	-2.7037	-0.5865	-0.7296	-0.0033	-0.0007	-0.0009	2.50	PASS
16QAM	6	0	NT	LV	-1.8883	-0.4292	0.4148	-0.0023	-0.0005	0.0005	2.50	PASS
				NV	-1.6165	-0.6008	-0.0858	-0.0020	-0.0007	-0.0001	2.50	PASS
				HV	-1.5736	-0.5579	-0.6580	-0.0019	-0.0007	-0.0008	2.50	PASS

Test Band: 5 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-2.4605	-0.3576	-0.5293	-0.0030	-0.0004	-0.0006	2.50	PASS
				-20.00	-2.4033	-0.7153	-1.0014	-0.0029	-0.0009	-0.0012	2.50	PASS
				-10.00	-1.8597	-0.8297	-0.4005	-0.0023	-0.0010	-0.0005	2.50	PASS
				0.00	-1.7166	-1.3018	-0.1001	-0.0021	-0.0016	-0.0001	2.50	PASS
				10.00	-2.1601	-1.2159	-1.5020	-0.0026	-0.0015	-0.0018	2.50	PASS
				20.00	-2.5034	-0.5722	-0.8297	-0.0030	-0.0007	-0.0010	2.50	PASS
				30.00	-2.7466	-0.6437	-1.3304	-0.0033	-0.0008	-0.0016	2.50	PASS
				40.00	-0.4864	-0.9584	-0.5150	-0.0006	-0.0011	-0.0006	2.50	PASS
				50.00	-1.9026	-1.2732	-1.1301	-0.0023	-0.0015	-0.0013	2.50	PASS
16QAM	6	0	NV	-30.00	-2.5749	-0.8154	-0.3576	-0.0031	-0.0010	-0.0004	2.50	PASS
				-20.00	-1.2302	-0.1431	-0.2146	-0.0015	-0.0002	-0.0003	2.50	PASS
				-10.00	-2.4033	0.4292	-1.3018	-0.0029	0.0005	-0.0015	2.50	PASS
				0.00	-1.1444	-1.4448	-0.1001	-0.0014	-0.0017	-0.0001	2.50	PASS
				10.00	-1.9026	-0.1001	-0.8297	-0.0023	-0.0001	-0.0010	2.50	PASS
				20.00	-1.6308	-0.6723	0.2718	-0.0020	-0.0008	0.0003	2.50	PASS
				30.00	-0.1144	0.3719	-0.7725	-0.0001	0.0004	-0.0009	2.50	PASS
				40.00	-1.7166	0.0429	0.1431	-0.0021	0.0001	0.0002	2.50	PASS
				50.00	-2.0599	-0.3433	0.4148	-0.0025	-0.0004	0.0005	2.50	PASS

Test Band: 5 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-0.6580	-1.3733	-1.1015	-0.0008	-0.0016	-0.0013	2.50	PASS
				NV	-0.9155	-0.7582	-1.8024	-0.0011	-0.0009	-0.0021	2.50	PASS
				HV	0.0286	-0.7868	-1.4591	0.0000	-0.0009	-0.0017	2.50	PASS
16QAM	15	0	NT	LV	-0.6723	-0.6294	-0.5293	-0.0008	-0.0008	-0.0006	2.50	PASS
				NV	0.3004	-1.3304	-2.6608	0.0004	-0.0016	-0.0031	2.50	PASS
				HV	0.4578	-0.2432	-1.5736	0.0006	-0.0003	-0.0019	2.50	PASS



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Test Band: 5 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-0.9012	0.0000	-1.9455	-0.0011	0.0000	-0.0023	2.50	PASS
				-20.00	-0.7868	-1.3018	-0.6437	-0.0010	-0.0016	-0.0008	2.50	PASS
				-10.00	-0.9871	-0.9012	-1.6022	-0.0012	-0.0011	-0.0019	2.50	PASS
				0.00	-0.5293	-0.3576	-1.7452	-0.0006	-0.0004	-0.0021	2.50	PASS
				10.00	-0.0715	-1.7023	-2.5749	-0.0001	-0.0020	-0.0030	2.50	PASS
				20.00	-0.6580	-0.5436	-1.7023	-0.0008	-0.0006	-0.0020	2.50	PASS
				30.00	-0.4721	-0.7153	-1.5306	-0.0006	-0.0009	-0.0018	2.50	PASS
				40.00	-0.7153	-0.8154	-0.9871	-0.0009	-0.0010	-0.0012	2.50	PASS
				50.00	-1.4019	-1.8740	-1.9026	-0.0017	-0.0022	-0.0022	2.50	PASS
16QAM	15	0	NV	-30.00	-0.9441	-0.7010	-2.7180	-0.0011	-0.0008	-0.0032	2.50	PASS
				-20.00	-0.7439	0.1574	-1.7881	-0.0009	0.0002	-0.0021	2.50	PASS
				-10.00	-0.4005	-0.6008	-2.1601	-0.0005	-0.0007	-0.0025	2.50	PASS
				0.00	-0.1431	-0.0143	-1.9741	-0.0002	0.0000	-0.0023	2.50	PASS
				10.00	0.0572	-0.9441	-1.7595	0.0001	-0.0011	-0.0021	2.50	PASS
				20.00	-1.2732	-0.1574	-1.9598	-0.0015	-0.0002	-0.0023	2.50	PASS
				30.00	-0.2289	-1.4877	-2.1744	-0.0003	-0.0018	-0.0026	2.50	PASS
				40.00	-0.4148	-0.5293	-2.2459	-0.0005	-0.0006	-0.0027	2.50	PASS
				50.00	-0.3433	-0.6723	-1.1873	-0.0004	-0.0008	-0.0014	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-2.0027	-1.1015	0.1860	-0.0024	-0.0013	0.0002	2.50	PASS
				NV	-2.7180	-2.0742	-0.4005	-0.0033	-0.0025	-0.0005	2.50	PASS
				HV	-2.2459	-0.3719	-1.0300	-0.0027	-0.0004	-0.0012	2.50	PASS
16QAM	25	0	NT	LV	-1.4877	-1.1587	-0.4864	-0.0018	-0.0014	-0.0006	2.50	PASS
				NV	-2.0456	-0.5293	-1.1301	-0.0025	-0.0006	-0.0013	2.50	PASS
				HV	-1.8597	-0.0858	-1.2588	-0.0023	-0.0001	-0.0015	2.50	PASS

Test Band: 5 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-2.2173	-2.1744	0.5579	-0.0027	-0.0026	0.0007	2.50	PASS
				-20.00	-2.2459	-1.7309	-0.2718	-0.0027	-0.0021	-0.0003	2.50	PASS
				-10.00	-3.1471	-0.4148	-0.0429	-0.0038	-0.0005	-0.0001	2.50	PASS
				0.00	-2.4176	-1.6880	-0.2575	-0.0029	-0.0020	-0.0003	2.50	PASS
				10.00	-2.2173	-1.5306	-0.2718	-0.0027	-0.0018	-0.0003	2.50	PASS
				20.00	-2.3031	-0.3719	-0.4148	-0.0028	-0.0004	-0.0005	2.50	PASS
				30.00	-1.7738	-0.5436	-1.3018	-0.0021	-0.0006	-0.0015	2.50	PASS
				40.00	-1.7595	-0.7868	-0.5293	-0.0021	-0.0009	-0.0006	2.50	PASS
				50.00	-2.0885	-0.7725	-0.6866	-0.0025	-0.0009	-0.0008	2.50	PASS
16QAM	25	0	NV	-30.00	-1.8168	-0.5579	-1.3018	-0.0022	-0.0007	-0.0015	2.50	PASS
				-20.00	-1.8168	-0.1574	-1.4734	-0.0022	-0.0002	-0.0017	2.50	PASS
				-10.00	-1.8740	0.1431	-1.0014	-0.0023	0.0002	-0.0012	2.50	PASS
				0.00	-1.5593	-0.7153	-0.9155	-0.0019	-0.0009	-0.0011	2.50	PASS
				10.00	-2.3460	-0.8726	-0.8726	-0.0028	-0.0010	-0.0010	2.50	PASS
				20.00	-2.4176	-0.1431	-0.7010	-0.0029	-0.0002	-0.0008	2.50	PASS

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				30.00	-2.9469	-1.3018	-0.6866	-0.0036	-0.0016	-0.0008	2.50	PASS
				40.00	-1.8883	-0.3576	-1.5450	-0.0023	-0.0004	-0.0018	2.50	PASS
				50.00	-1.7309	-0.8154	-1.4591	-0.0021	-0.0010	-0.0017	2.50	PASS

Test Band: 5 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-1.9741	-1.3447	-1.0586	-0.0024	-0.0016	-0.0013	2.50	PASS
				NV	-0.1287	-0.4435	-0.4435	-0.0002	-0.0005	-0.0005	2.50	PASS
				HV	-1.6165	-1.3590	-1.3590	-0.0019	-0.0016	-0.0016	2.50	PASS
16QAM	50	0	NT	LV	-0.2861	-0.3719	-1.2732	-0.0003	-0.0004	-0.0015	2.50	PASS
				NV	-0.2146	-1.0300	-1.7166	-0.0003	-0.0012	-0.0020	2.50	PASS
				HV	-1.2875	-0.5293	-0.3719	-0.0016	-0.0006	-0.0004	2.50	PASS

Test Band: 5 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-1.0014	-0.5007	-0.9155	-0.0012	-0.0006	-0.0011	2.50	PASS
				-20.00	-0.8440	-1.2875	-1.2875	-0.0010	-0.0015	-0.0015	2.50	PASS
				-10.00	-1.0014	-1.1587	-1.1587	-0.0012	-0.0014	-0.0014	2.50	PASS
				0.00	-0.4292	-1.2588	-1.1444	-0.0005	-0.0015	-0.0014	2.50	PASS
				10.00	-1.0014	-1.4162	-1.0014	-0.0012	-0.0017	-0.0012	2.50	PASS
				20.00	-1.5020	-0.9871	-0.5865	-0.0018	-0.0012	-0.0007	2.50	PASS
				30.00	-1.2159	-1.1158	-0.9441	-0.0015	-0.0013	-0.0011	2.50	PASS
				40.00	-0.9155	-1.3447	-1.6594	-0.0011	-0.0016	-0.0020	2.50	PASS
				50.00	-0.7010	-0.5007	-0.9727	-0.0008	-0.0006	-0.0012	2.50	PASS
16QAM	50	0	NV	-30.00	-0.9727	-1.2732	-0.5007	-0.0012	-0.0015	-0.0006	2.50	PASS
				-20.00	-0.3576	-0.9871	-1.4448	-0.0004	-0.0012	-0.0017	2.50	PASS
				-10.00	-1.2588	-0.3004	-1.4734	-0.0015	-0.0004	-0.0017	2.50	PASS
				0.00	-0.6151	-1.2588	-0.8726	-0.0007	-0.0015	-0.0010	2.50	PASS
				10.00	-1.2016	-0.4435	-1.5306	-0.0014	-0.0005	-0.0018	2.50	PASS
				20.00	-0.8154	-0.9012	-1.0443	-0.0010	-0.0011	-0.0012	2.50	PASS
				30.00	-0.6723	-1.7309	-1.8740	-0.0008	-0.0021	-0.0022	2.50	PASS
				40.00	-0.9727	-1.6308	-1.5879	-0.0012	-0.0019	-0.0019	2.50	PASS
				50.00	-1.2445	-1.0014	-1.8740	-0.0015	-0.0012	-0.0022	2.50	PASS



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LTE Band 7

Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	2.8610	-3.6621	0.9441	0.0011	-0.0014	0.0004	2.50	PASS
				NV	1.8168	-4.2200	-2.0885	0.0007	-0.0017	-0.0008	2.50	PASS
				HV	2.1172	-2.6464	-0.5293	0.0008	-0.0010	-0.0002	2.50	PASS
16QAM	25	0	NT	LV	1.4305	-4.2772	2.0456	0.0006	-0.0017	0.0008	2.50	PASS
				NV	0.9871	-3.1185	0.1574	0.0004	-0.0012	0.0001	2.50	PASS
				HV	2.8610	-3.5191	-2.5606	0.0011	-0.0014	-0.0010	2.50	PASS

Test Band: 7 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	2.9755	-3.2043	1.2302	0.0012	-0.0013	0.0005	2.50	PASS
				-20.00	0.7153	-3.2043	0.6151	0.0003	-0.0013	0.0002	2.50	PASS
				-10.00	1.4734	-1.7023	0.6294	0.0006	-0.0007	0.0002	2.50	PASS
				0.00	-0.0572	-2.9039	-1.0014	0.0000	-0.0011	-0.0004	2.50	PASS
				10.00	1.3876	-4.1342	1.2302	0.0006	-0.0016	0.0005	2.50	PASS
				20.00	2.2602	-5.0068	-1.3447	0.0009	-0.0020	-0.0005	2.50	PASS
				30.00	0.5865	-2.6178	-0.1001	0.0002	-0.0010	0.0000	2.50	PASS
				40.00	0.1144	-4.0770	-1.2445	0.0000	-0.0016	-0.0005	2.50	PASS
				50.00	0.3290	-2.9469	0.9584	0.0001	-0.0012	0.0004	2.50	PASS
16QAM	25	0	NV	-30.00	2.7609	-3.8052	-0.9441	0.0011	-0.0015	-0.0004	2.50	PASS
				-20.00	0.5865	-3.9053	0.0143	0.0002	-0.0015	0.0000	2.50	PASS
				-10.00	0.4864	-3.0613	1.5020	0.0002	-0.0012	0.0006	2.50	PASS
				0.00	1.8740	-1.7023	-0.0572	0.0007	-0.0007	0.0000	2.50	PASS
				10.00	-0.6723	-3.6764	0.5579	-0.0003	-0.0015	0.0002	2.50	PASS
				20.00	0.9727	-4.3344	-1.1158	0.0004	-0.0017	-0.0004	2.50	PASS
				30.00	3.2616	-2.7180	-1.8740	0.0013	-0.0011	-0.0007	2.50	PASS
				40.00	3.1900	-2.8181	0.0572	0.0013	-0.0011	0.0000	2.50	PASS
				50.00	1.7023	-3.5048	-2.3603	0.0007	-0.0014	-0.0009	2.50	PASS

Test Band: 7 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-3.8767	-4.7207	-5.5647	-0.0015	-0.0019	-0.0022	2.50	PASS
				NV	-3.0613	-4.2915	-2.9039	-0.0012	-0.0017	-0.0011	2.50	PASS
				HV	-3.8338	-2.7323	-3.2759	-0.0015	-0.0011	-0.0013	2.50	PASS
16QAM	50	0	NT	LV	-2.9182	-1.5450	-4.8780	-0.0012	-0.0006	-0.0019	2.50	PASS
				NV	-4.5061	-4.0913	-1.4305	-0.0018	-0.0016	-0.0006	2.50	PASS
				HV	-2.7752	-0.5293	-2.1172	-0.0011	-0.0002	-0.0008	2.50	PASS

Test Band: 7 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-4.1771	-3.9625	-3.7193	-0.0017	-0.0016	-0.0015	2.50	PASS
				-20.00	-3.2330	-3.9911	-3.1042	-0.0013	-0.0016	-0.0012	2.50	PASS



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				-10.00	-3.1614	-2.6035	-2.6464	-0.0013	-0.0010	-0.0010	2.50	PASS
				0.00	-3.8624	-2.0027	-2.4605	-0.0015	-0.0008	-0.0010	2.50	PASS
				10.00	-4.8494	-2.7180	-3.9625	-0.0019	-0.0011	-0.0015	2.50	PASS
				20.00	-2.2745	-1.5163	-4.9925	-0.0009	-0.0006	-0.0019	2.50	PASS
				30.00	-3.8338	-2.2888	-4.5204	-0.0015	-0.0009	-0.0018	2.50	PASS
				40.00	-3.8052	-3.7909	-1.5593	-0.0015	-0.0015	-0.0006	2.50	PASS
				50.00	-4.2343	-5.5218	-3.8767	-0.0017	-0.0022	-0.0015	2.50	PASS
16QAM	50	0	NV	-30.00	-2.9755	-1.8024	-5.0068	-0.0012	-0.0007	-0.0020	2.50	PASS
				-20.00	-2.8038	-3.1757	-4.1056	-0.0011	-0.0013	-0.0016	2.50	PASS
				-10.00	-4.2486	-3.5048	-3.2759	-0.0017	-0.0014	-0.0013	2.50	PASS
				0.00	-3.7050	-0.9871	-4.3344	-0.0015	-0.0004	-0.0017	2.50	PASS
				10.00	-2.5320	-4.2200	-4.9210	-0.0010	-0.0017	-0.0019	2.50	PASS
				20.00	-3.2473	-1.6451	-2.8324	-0.0013	-0.0006	-0.0011	2.50	PASS
				30.00	-4.8208	-4.1056	-2.9182	-0.0019	-0.0016	-0.0011	2.50	PASS
				40.00	-2.3890	-2.2030	-3.9911	-0.0010	-0.0009	-0.0016	2.50	PASS
				50.00	-2.9039	-4.1485	-3.5763	-0.0012	-0.0016	-0.0014	2.50	PASS

Test Band: 7_ 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-0.4148	-1.7309	2.7752	-0.0002	-0.0007	0.0011	2.50	PASS
				NV	1.8024	-3.5048	1.9884	0.0007	-0.0014	0.0008	2.50	PASS
				HV	0.6151	-3.0184	1.7738	0.0002	-0.0012	0.0007	2.50	PASS
16QAM	75	0	NT	LV	1.3161	-2.8610	1.2875	0.0005	-0.0011	0.0005	2.50	PASS
				NV	0.4435	-3.7193	2.4891	0.0002	-0.0015	0.0010	2.50	PASS
				HV	-0.4292	-1.7309	1.8883	-0.0002	-0.0007	0.0007	2.50	PASS

Test Band: 7_ 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	0.6580	-4.0054	1.8311	0.0003	-0.0016	0.0007	2.50	PASS
				-20.00	-0.6866	-3.0470	0.8011	-0.0003	-0.0012	0.0003	2.50	PASS
				-10.00	0.4148	-4.8351	0.7153	0.0002	-0.0019	0.0003	2.50	PASS
				0.00	-2.1029	-4.7922	-0.0429	-0.0008	-0.0019	0.0000	2.50	PASS
				10.00	0.6580	-4.0483	1.8168	0.0003	-0.0016	0.0007	2.50	PASS
				20.00	0.1431	-2.1315	2.4605	0.0001	-0.0008	0.0010	2.50	PASS
				30.00	0.5436	-2.0599	0.7725	0.0002	-0.0008	0.0003	2.50	PASS
				40.00	0.0715	-2.4748	1.9741	0.0000	-0.0010	0.0008	2.50	PASS
				50.00	0.7296	-1.4877	1.5879	0.0003	-0.0006	0.0006	2.50	PASS
16QAM	75	0	NV	-30.00	-1.0872	-4.3344	1.7166	-0.0004	-0.0017	0.0007	2.50	PASS
				-20.00	0.6580	-3.8052	0.2861	0.0003	-0.0015	0.0001	2.50	PASS
				-10.00	-0.0143	-4.0340	0.1287	0.0000	-0.0016	0.0001	2.50	PASS
				0.00	-0.8583	-2.2030	3.9482	-0.0003	-0.0009	0.0015	2.50	PASS
				10.00	-0.1001	-3.7909	-1.1444	0.0000	-0.0015	-0.0004	2.50	PASS
				20.00	-0.4721	-3.9625	0.7439	-0.0002	-0.0016	0.0003	2.50	PASS
				30.00	0.5722	-3.1042	1.5879	0.0002	-0.0012	0.0006	2.50	PASS
				40.00	-1.5306	-4.0913	-0.3862	-0.0006	-0.0016	-0.0002	2.50	PASS
				50.00	1.2732	-2.3890	2.4605	0.0005	-0.0009	0.0010	2.50	PASS

Test Band: 7_ 20MHz Bandwidth (Frequency Error VS. Voltage)							
Test Mode	RB Allocation	Test	Test	Freq. Error (Hz)	Freq. vs. rated (ppm)	Limit	Verdict



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	Size	Offset	Temp.	Volt.	LCH	MCH	HCH	LCH	MCH	HCH	(ppm)	
QPSK	100	0	NT	LV	2.8038	-1.9026	1.6308	0.0011	-0.0008	0.0006	2.50	PASS
				NV	3.1757	-2.0599	-0.1860	0.0013	-0.0008	-0.0001	2.50	PASS
				HV	1.6022	-5.2500	0.6294	0.0006	-0.0021	0.0002	2.50	PASS
16QAM	100	0	NT	LV	2.5892	-3.2473	-1.2875	0.0010	-0.0013	-0.0005	2.50	PASS
				NV	2.1315	-4.5490	1.3876	0.0008	-0.0018	0.0005	2.50	PASS
				HV	1.0729	-3.8195	1.6022	0.0004	-0.0015	0.0006	2.50	PASS

Test Band: 7_20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	0.6294	-3.6192	0.4148	0.0003	-0.0014	0.0002	2.50	PASS
				-20.00	1.2732	-4.1199	-1.1587	0.0005	-0.0016	-0.0005	2.50	PASS
				-10.00	0.9298	-4.5633	0.6151	0.0004	-0.0018	0.0002	2.50	PASS
				0.00	3.0041	-4.5204	-0.3576	0.0012	-0.0018	-0.0001	2.50	PASS
				10.00	2.9182	-3.5620	0.5293	0.0012	-0.0014	0.0002	2.50	PASS
				20.00	1.7452	-4.6635	-0.3290	0.0007	-0.0018	-0.0001	2.50	PASS
				30.00	2.7609	-3.9911	0.3147	0.0011	-0.0016	0.0001	2.50	PASS
				40.00	2.3031	-4.0770	-1.0300	0.0009	-0.0016	-0.0004	2.50	PASS
				50.00	1.6308	-3.1757	-0.1287	0.0006	-0.0013	-0.0001	2.50	PASS
16QAM	100	0	NV	-30.00	1.6451	-2.2888	-0.9727	0.0007	-0.0009	-0.0004	2.50	PASS
				-20.00	1.3590	-2.3031	1.7738	0.0005	-0.0009	0.0007	2.50	PASS
				-10.00	1.1587	-1.9026	1.2302	0.0005	-0.0008	0.0005	2.50	PASS
				0.00	0.6437	-2.7466	0.2718	0.0003	-0.0011	0.0001	2.50	PASS
				10.00	3.2759	-2.1172	0.1144	0.0013	-0.0008	0.0000	2.50	PASS
				20.00	0.9155	-2.1887	0.3719	0.0004	-0.0009	0.0001	2.50	PASS
				30.00	2.1887	-2.8753	-0.9298	0.0009	-0.0011	-0.0004	2.50	PASS
				40.00	2.5606	-4.5776	1.3733	0.0010	-0.0018	0.0005	2.50	PASS
				50.00	0.4292	-3.5048	0.2718	0.0002	-0.0014	0.0001	2.50	PASS



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LTE Band 12

Test Band: 12 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	0.2432	-0.5007	-0.6437	0.0003	-0.0007	-0.0009	2.50	PASS
				NV	-0.6866	-1.1587	-0.2432	-0.0010	-0.0016	-0.0003	2.50	PASS
				HV	-0.2432	-0.3862	-0.6723	-0.0003	-0.0005	-0.0009	2.50	PASS
16QAM	6	0	NT	LV	-0.3862	0.1860	-0.4005	-0.0006	0.0003	-0.0006	2.50	PASS
				NV	-0.9155	0.1001	-0.6580	-0.0013	0.0001	-0.0009	2.50	PASS
				HV	0.2718	-1.1158	-0.6294	0.0004	-0.0016	-0.0009	2.50	PASS

Test Band: 12 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	0.2718	-1.0586	-1.0729	0.0004	-0.0015	-0.0015	2.50	PASS
				-20.00	0.2718	-1.2016	-0.4578	0.0004	-0.0017	-0.0006	2.50	PASS
				-10.00	-0.6580	0.1144	-0.7582	-0.0009	0.0002	-0.0011	2.50	PASS
				0.00	-1.1587	-0.6866	-2.0170	-0.0017	-0.0010	-0.0028	2.50	PASS
				10.00	-0.7439	-0.5293	-0.2146	-0.0011	-0.0007	-0.0003	2.50	PASS
				20.00	-0.9298	0.3433	-0.6580	-0.0013	0.0005	-0.0009	2.50	PASS
				30.00	-0.5579	0.1717	-1.2302	-0.0008	0.0002	-0.0017	2.50	PASS
				40.00	-0.7725	0.0429	-0.2718	-0.0011	0.0001	-0.0004	2.50	PASS
				50.00	0.3719	-1.6165	-0.8869	0.0005	-0.0023	-0.0012	2.50	PASS
16QAM	6	0	NV	-30.00	-0.4148	-0.7010	-0.5293	-0.0006	-0.0010	-0.0007	2.50	PASS
				-20.00	0.2861	-0.1431	-0.6151	0.0004	-0.0002	-0.0009	2.50	PASS
				-10.00	-0.8869	-0.4578	-1.5163	-0.0013	-0.0006	-0.0021	2.50	PASS
				0.00	-0.4005	0.1431	-1.5306	-0.0006	0.0002	-0.0021	2.50	PASS
				10.00	-0.4721	-0.5293	0.1144	-0.0007	-0.0007	0.0002	2.50	PASS
				20.00	0.0143	-1.3304	-0.3576	0.0000	-0.0019	-0.0005	2.50	PASS
				30.00	0.1287	0.8154	-0.5579	0.0002	0.0012	-0.0008	2.50	PASS
				40.00	0.0143	0.4578	-0.7010	0.0000	0.0006	-0.0010	2.50	PASS
				50.00	0.3004	0.2003	-0.2432	0.0004	0.0003	-0.0003	2.50	PASS

Test Band: 12 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	0.1287	-1.2445	-1.4877	0.0002	-0.0018	-0.0021	2.50	PASS
				NV	0.6008	-0.4148	-1.7023	0.0009	-0.0006	-0.0024	2.50	PASS
				HV	0.7153	-1.4877	-0.0715	0.0010	-0.0021	-0.0001	2.50	PASS
16QAM	15	0	NT	LV	1.6451	-0.1717	-1.2445	0.0023	-0.0002	-0.0017	2.50	PASS
				NV	1.6451	-0.9155	-0.7582	0.0023	-0.0013	-0.0011	2.50	PASS
				HV	1.2016	-0.6866	-1.1444	0.0017	-0.0010	-0.0016	2.50	PASS

Test Band: 12 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	1.0586	-0.4435	-0.7296	0.0015	-0.0006	-0.0010	2.50	PASS



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				-20.00	0.8297	-1.0157	-1.4019	0.0012	-0.0014	-0.0020	2.50	PASS
				-10.00	0.0286	-0.6151	-1.5450	0.0000	-0.0009	-0.0022	2.50	PASS
				0.00	1.2159	-1.6880	0.2718	0.0017	-0.0024	0.0004	2.50	PASS
				10.00	1.2875	-0.3004	-0.1144	0.0018	-0.0004	-0.0002	2.50	PASS
				20.00	0.8011	-0.7010	-0.7296	0.0011	-0.0010	-0.0010	2.50	PASS
				30.00	0.5722	0.4435	-0.7296	0.0008	0.0006	-0.0010	2.50	PASS
				40.00	0.5865	-0.4721	-0.7582	0.0008	-0.0007	-0.0011	2.50	PASS
				50.00	-0.5293	-0.5150	-1.9169	-0.0008	-0.0007	-0.0027	2.50	PASS
16QAM	15	0	NV	-30.00	1.6880	-0.0286	-1.6022	0.0024	0.0000	-0.0022	2.50	PASS
				-20.00	1.2016	0.8726	-2.2745	0.0017	0.0012	-0.0032	2.50	PASS
				-10.00	0.7296	-1.2875	-0.2003	0.0010	-0.0018	-0.0003	2.50	PASS
				0.00	1.4162	0.2861	-0.3576	0.0020	0.0004	-0.0005	2.50	PASS
				10.00	0.9584	-0.8583	-0.3290	0.0014	-0.0012	-0.0005	2.50	PASS
				20.00	0.1717	-1.1587	-1.0729	0.0002	-0.0016	-0.0015	2.50	PASS
				30.00	1.2302	-1.2445	-1.8740	0.0018	-0.0018	-0.0026	2.50	PASS
				40.00	0.6151	-0.5865	-1.0157	0.0009	-0.0008	-0.0014	2.50	PASS
				50.00	0.8440	-0.5007	-1.0872	0.0012	-0.0007	-0.0015	2.50	PASS

Test Band: 12_ 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-0.5579	-0.3433	0.1860	-0.0008	-0.0005	0.0003	2.50	PASS
				NV	-0.7153	-1.0443	-0.6008	-0.0010	-0.0015	-0.0008	2.50	PASS
				HV	-0.5865	-0.9871	-1.1015	-0.0008	-0.0014	-0.0015	2.50	PASS
16QAM	25	0	NT	LV	-0.4148	-0.7868	-1.2445	-0.0006	-0.0011	-0.0017	2.50	PASS
				NV	-1.0729	-0.9298	-0.8154	-0.0015	-0.0013	-0.0011	2.50	PASS
				HV	-1.8883	-0.5293	-1.8454	-0.0027	-0.0007	-0.0026	2.50	PASS

Test Band: 12_ 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-1.9598	-0.4578	-0.4578	-0.0028	-0.0006	-0.0006	2.50	PASS
				-20.00	0.2575	-1.0300	-0.7010	0.0004	-0.0015	-0.0010	2.50	PASS
				-10.00	-1.1158	-1.4734	-1.1873	-0.0016	-0.0021	-0.0017	2.50	PASS
				0.00	-0.9871	-0.7010	-1.9455	-0.0014	-0.0010	-0.0027	2.50	PASS
				10.00	-0.6294	-0.8726	-0.2289	-0.0009	-0.0012	-0.0003	2.50	PASS
				20.00	-1.3733	0.0429	-1.1444	-0.0020	0.0001	-0.0016	2.50	PASS
				30.00	-1.2302	-1.0443	-1.3876	-0.0018	-0.0015	-0.0019	2.50	PASS
				40.00	-1.3733	-0.1001	-0.9584	-0.0020	-0.0001	-0.0013	2.50	PASS
				50.00	-0.1431	-0.6866	-1.9455	-0.0002	-0.0010	-0.0027	2.50	PASS
16QAM	25	0	NV	-30.00	-0.6866	-1.2159	-0.9012	-0.0010	-0.0017	-0.0013	2.50	PASS
				-20.00	-1.0443	-0.8869	-1.4591	-0.0015	-0.0013	-0.0020	2.50	PASS
				-10.00	-0.8154	-0.8869	-1.3590	-0.0012	-0.0013	-0.0019	2.50	PASS
				0.00	-0.9155	0.5722	-1.3876	-0.0013	0.0008	-0.0019	2.50	PASS
				10.00	-0.6008	0.1431	-2.5320	-0.0009	0.0002	-0.0035	2.50	PASS
				20.00	-0.1717	-0.8154	-0.3576	-0.0002	-0.0012	-0.0005	2.50	PASS
				30.00	-0.1144	0.3147	-1.2588	-0.0002	0.0004	-0.0018	2.50	PASS
				40.00	-1.1730	0.1001	-1.3161	-0.0017	0.0001	-0.0018	2.50	PASS
				50.00	-0.7010	-0.6294	-1.4162	-0.0010	-0.0009	-0.0020	2.50	PASS

Test Band: 12_ 10MHz Bandwidth (Frequency Error VS. Voltage)												
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Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-0.7439	-1.2016	-2.0027	-0.0011	-0.0017	-0.0028	2.50	PASS
				NV	-1.3590	-0.8154	-1.9741	-0.0019	-0.0012	-0.0028	2.50	PASS
				HV	-0.4005	-0.5150	-2.0027	-0.0006	-0.0007	-0.0028	2.50	PASS
16QAM	50	0	NT	LV	-0.3147	-0.5436	-1.9026	-0.0004	-0.0008	-0.0027	2.50	PASS
				NV	-0.4578	-0.7725	-2.4605	-0.0007	-0.0011	-0.0035	2.50	PASS
				HV	-1.0157	-0.8583	-0.9012	-0.0014	-0.0012	-0.0013	2.50	PASS

Test Band: 12 10MHz Bandwidth (Frequency Error VS. Temperature)

Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-0.9441	-1.0872	-1.9312	-0.0013	-0.0015	-0.0027	2.50	PASS
				-20.00	-0.1574	-0.0858	-1.6165	-0.0002	-0.0001	-0.0023	2.50	PASS
				-10.00	-0.3862	-0.9012	-2.3603	-0.0005	-0.0013	-0.0033	2.50	PASS
				0.00	-0.5579	-0.7010	-0.9012	-0.0008	-0.0010	-0.0013	2.50	PASS
				10.00	-1.3590	-1.5450	-1.9026	-0.0019	-0.0022	-0.0027	2.50	PASS
				20.00	-1.5020	-2.1029	-0.5293	-0.0021	-0.0030	-0.0007	2.50	PASS
				30.00	-1.6880	-1.5020	-2.2173	-0.0024	-0.0021	-0.0031	2.50	PASS
				40.00	-1.2588	-1.8454	-3.0756	-0.0018	-0.0026	-0.0043	2.50	PASS
				50.00	-1.6737	-0.9727	-2.7752	-0.0024	-0.0014	-0.0039	2.50	PASS
16QAM	50	0	NV	-30.00	-0.7582	-1.4305	-1.5163	-0.0011	-0.0020	-0.0021	2.50	PASS
				-20.00	-1.8311	-0.8869	-1.4591	-0.0026	-0.0013	-0.0021	2.50	PASS
				-10.00	-0.8583	-1.2588	-1.1730	-0.0012	-0.0018	-0.0016	2.50	PASS
				0.00	-1.5163	-0.6723	-1.9598	-0.0022	-0.0010	-0.0028	2.50	PASS
				10.00	-0.7439	-0.9871	-1.7309	-0.0011	-0.0014	-0.0024	2.50	PASS
				20.00	-0.4148	-0.3147	-2.8753	-0.0006	-0.0004	-0.0040	2.50	PASS
				30.00	-0.7439	-0.9298	-1.2875	-0.0011	-0.0013	-0.0018	2.50	PASS
				40.00	-1.1158	-0.1287	-2.2888	-0.0016	-0.0002	-0.0032	2.50	PASS
				50.00	-0.6008	-0.5722	-1.9741	-0.0009	-0.0008	-0.0028	2.50	PASS



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LTE Band 13

Test Band: 13 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-1.9741	0.0143	-1.2875	-0.0025	0.0000	-0.0016	2.50	PASS
				NV	-1.1158	-0.6723	0.7153	-0.0014	-0.0009	0.0009	2.50	PASS
				HV	-2.5606	-1.3733	-0.7439	-0.0033	-0.0018	-0.0009	2.50	PASS
16QAM	25	0	NT	LV	-2.3460	-1.3876	-1.5020	-0.0030	-0.0018	-0.0019	2.50	PASS
				NV	-2.1029	-1.5163	-0.2575	-0.0027	-0.0019	-0.0003	2.50	PASS
				HV	-2.1887	-1.0586	-1.0300	-0.0028	-0.0014	-0.0013	2.50	PASS

Test Band: 13 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-2.3174	-0.9155	0.0000	-0.0030	-0.0012	0.0000	2.50	PASS
				-20.00	-2.4891	-1.3018	-1.0014	-0.0032	-0.0017	-0.0013	2.50	PASS
				-10.00	-1.6165	-0.8726	-0.5007	-0.0021	-0.0011	-0.0006	2.50	PASS
				0.00	-2.0456	-1.8597	-1.2732	-0.0026	-0.0024	-0.0016	2.50	PASS
				10.00	-2.0456	-2.3746	-0.2432	-0.0026	-0.0030	-0.0003	2.50	PASS
				20.00	-1.6165	-1.4019	-0.7153	-0.0021	-0.0018	-0.0009	2.50	PASS
				30.00	-1.6022	-1.8740	0.2146	-0.0021	-0.0024	0.0003	2.50	PASS
				40.00	-1.9169	0.2432	-0.3004	-0.0025	0.0003	-0.0004	2.50	PASS
				50.00	-3.1328	-0.7296	-0.9012	-0.0040	-0.0009	-0.0011	2.50	PASS
16QAM	25	0	NV	-30.00	-2.3460	-1.8168	0.0000	-0.0030	-0.0023	0.0000	2.50	PASS
				-20.00	-2.5320	-1.0300	-1.1873	-0.0032	-0.0013	-0.0015	2.50	PASS
				-10.00	-2.5606	-0.6437	-0.9155	-0.0033	-0.0008	-0.0012	2.50	PASS
				0.00	-1.4877	-0.9727	-0.9155	-0.0019	-0.0012	-0.0012	2.50	PASS
				10.00	-1.9312	-1.1873	-0.2003	-0.0025	-0.0015	-0.0003	2.50	PASS
				20.00	-1.8168	0.5436	0.0858	-0.0023	0.0007	0.0001	2.50	PASS
				30.00	-2.4176	-0.4148	-0.9441	-0.0031	-0.0005	-0.0012	2.50	PASS
				40.00	-1.4162	0.5436	-1.0157	-0.0018	0.0007	-0.0013	2.50	PASS
				50.00	-1.3161	-0.7010	-0.7725	-0.0017	-0.0009	-0.0010	2.50	PASS

Test Band: 13 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	-1.0014	/	/	-0.0013	/	2.50	PASS
				NV	/	-1.0300	/	/	-0.0013	/	2.50	PASS
				HV	/	-0.8583	/	/	-0.0011	/	2.50	PASS
16QAM	50	0	NT	LV	/	-1.6451	/	/	-0.0021	/	2.50	PASS
				NV	/	-1.3733	/	/	-0.0018	/	2.50	PASS
				HV	/	-1.1587	/	/	-0.0015	/	2.50	PASS

Test Band: 13 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	/	-2.0170	/	/	-0.0026	/	2.50	PASS



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				-20.00	/	-1.1301	/	/	-0.0014	/	2.50	PASS
				-10.00	/	-1.2875	/	/	-0.0016	/	2.50	PASS
				0.00	/	-2.1601	/	/	-0.0028	/	2.50	PASS
				10.00	/	-0.8726	/	/	-0.0011	/	2.50	PASS
				20.00	/	-2.0313	/	/	-0.0026	/	2.50	PASS
				30.00	/	-1.0157	/	/	-0.0013	/	2.50	PASS
				40.00	/	-1.4019	/	/	-0.0018	/	2.50	PASS
				50.00	/	-0.9871	/	/	-0.0013	/	2.50	PASS
16QAM	50	0	NV	-30.00	/	-1.5306	/	/	-0.0020	/	2.50	PASS
				-20.00	/	-0.8297	/	/	-0.0011	/	2.50	PASS
				-10.00	/	-1.8597	/	/	-0.0024	/	2.50	PASS
				0.00	/	-0.9584	/	/	-0.0012	/	2.50	PASS
				10.00	/	-1.7166	/	/	-0.0022	/	2.50	PASS
				20.00	/	-1.0300	/	/	-0.0013	/	2.50	PASS
				30.00	/	-1.6594	/	/	-0.0021	/	2.50	PASS
				40.00	/	-0.7725	/	/	-0.0010	/	2.50	PASS
				50.00	/	-1.6451	/	/	-0.0021	/	2.50	PASS

LTE Band 17

Test Band: 17 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-2.3460	-0.6723	-1.8883	-0.0033	-0.0009	-0.0026	2.50	PASS
				NV	-2.1744	-0.6866	-1.6022	-0.0031	-0.0010	-0.0022	2.50	PASS
				HV	-2.3317	-0.8011	0.1431	-0.0033	-0.0011	0.0002	2.50	PASS
16QAM	25	0	NT	LV	-1.2445	0.1287	-0.8297	-0.0018	0.0002	-0.0012	2.50	PASS
				NV	-1.3590	0.2861	-0.7153	-0.0019	0.0004	-0.0010	2.50	PASS
				HV	-1.5306	-0.3433	-0.9727	-0.0022	-0.0005	-0.0014	2.50	PASS

Test Band: 17_5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-2.7323	0.4864	0.0143	-0.0039	0.0007	0.0000	2.50	PASS
				-20.00	-2.4033	0.4148	-0.2861	-0.0034	0.0006	-0.0004	2.50	PASS
				-10.00	-3.6192	-0.2575	-0.2289	-0.0051	-0.0004	-0.0003	2.50	PASS
				0.00	-1.4162	-0.6151	-0.6151	-0.0020	-0.0009	-0.0009	2.50	PASS
				10.00	-1.6594	0.1860	-1.5736	-0.0023	0.0003	-0.0022	2.50	PASS
				20.00	-3.1757	-0.2003	-1.1015	-0.0045	-0.0003	-0.0015	2.50	PASS
				30.00	-1.3447	-0.1860	-1.5879	-0.0019	-0.0003	-0.0022	2.50	PASS
				40.00	-1.7881	-1.0300	-1.8168	-0.0025	-0.0015	-0.0025	2.50	PASS
				50.00	-1.5450	-0.7153	-1.8168	-0.0022	-0.0010	-0.0025	2.50	PASS
16QAM	25	0	NV	-30.00	-2.0170	-0.6866	-1.2302	-0.0029	-0.0010	-0.0017	2.50	PASS
				-20.00	-0.9441	-0.5436	-0.9155	-0.0013	-0.0008	-0.0013	2.50	PASS
				-10.00	-1.4019	0.1144	-0.4435	-0.0020	0.0002	-0.0006	2.50	PASS
				0.00	-1.9026	-0.5007	-0.7010	-0.0027	-0.0007	-0.0010	2.50	PASS
				10.00	-2.3460	-1.1730	-0.6866	-0.0033	-0.0017	-0.0010	2.50	PASS
				20.00	-1.4448	-0.1001	-0.7868	-0.0020	-0.0001	-0.0011	2.50	PASS
				30.00	-0.9871	0.7725	-0.8583	-0.0014	0.0011	-0.0012	2.50	PASS
				40.00	-1.4162	0.1574	-1.1444	-0.0020	0.0002	-0.0016	2.50	PASS
				50.00	-1.9598	-0.0429	-1.6022	-0.0028	-0.0001	-0.0022	2.50	PASS



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Test Band: 17 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	0.2146	-0.2432	-1.9312	0.0003	-0.0003	-0.0027	2.50	PASS
				NV	0.3862	-0.7582	-1.8311	0.0005	-0.0011	-0.0026	2.50	PASS
				HV	-0.8726	-0.4721	-2.6035	-0.0012	-0.0007	-0.0037	2.50	PASS
16QAM	50	0	NT	LV	-1.8740	-0.7439	-2.1744	-0.0026	-0.0010	-0.0031	2.50	PASS
				NV	-1.1873	-0.7582	-2.2316	-0.0017	-0.0011	-0.0031	2.50	PASS
				HV	-1.5163	0.6008	-2.3603	-0.0021	0.0008	-0.0033	2.50	PASS

Test Band: 17 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-1.0300	-1.5593	-3.0756	-0.0015	-0.0022	-0.0043	2.50	PASS
				-20.00	-0.3004	0.1001	-2.0313	-0.0004	0.0001	-0.0029	2.50	PASS
				-10.00	-0.3004	-0.5007	-2.2030	-0.0004	-0.0007	-0.0031	2.50	PASS
				0.00	-0.2289	-0.0429	-2.5606	-0.0003	-0.0001	-0.0036	2.50	PASS
				10.00	-0.8726	-0.5722	-1.4734	-0.0012	-0.0008	-0.0021	2.50	PASS
				20.00	-0.2575	0.6008	-2.6035	-0.0004	0.0008	-0.0037	2.50	PASS
				30.00	-0.8869	-0.7153	-2.6608	-0.0013	-0.0010	-0.0037	2.50	PASS
				40.00	-1.1730	-0.4578	-1.8311	-0.0017	-0.0006	-0.0026	2.50	PASS
				50.00	-0.4435	0.8869	-2.2030	-0.0006	0.0012	-0.0031	2.50	PASS
16QAM	50	0	NV	-30.00	-0.8583	-0.1001	-2.3460	-0.0012	-0.0001	-0.0033	2.50	PASS
				-20.00	-0.3147	-0.5007	-2.6035	-0.0004	-0.0007	-0.0037	2.50	PASS
				-10.00	-0.7439	0.8154	-1.1015	-0.0010	0.0011	-0.0015	2.50	PASS
				0.00	-0.6437	0.1717	-1.5593	-0.0009	0.0002	-0.0022	2.50	PASS
				10.00	-1.2302	-0.1574	-2.2888	-0.0017	-0.0002	-0.0032	2.50	PASS
				20.00	-1.9741	1.0443	-2.7466	-0.0028	0.0015	-0.0039	2.50	PASS
				30.00	-2.5463	-0.1431	-1.8024	-0.0036	-0.0002	-0.0025	2.50	PASS
				40.00	-1.2445	-0.8583	-1.9741	-0.0018	-0.0012	-0.0028	2.50	PASS
				50.00	-0.8583	-0.5579	-2.8467	-0.0012	-0.0008	-0.0040	2.50	PASS



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LTE Band 25

Test Band: 25 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-1.8024	1.1873	-4.3917	-0.0010	0.0006	-0.0023	2.50	PASS
				NV	-1.9169	0.7725	-4.0197	-0.0010	0.0004	-0.0021	2.50	PASS
				HV	-1.1158	2.7752	-4.9067	-0.0006	0.0015	-0.0026	2.50	PASS
16QAM	6	0	NT	LV	-0.6151	-1.1873	-2.5463	-0.0003	-0.0006	-0.0013	2.50	PASS
				NV	-1.0729	0.2432	-2.8753	-0.0006	0.0001	-0.0015	2.50	PASS
				HV	-1.1158	0.0000	-2.8324	-0.0006	0.0000	-0.0015	2.50	PASS

Test Band: 25 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-2.5034	1.2588	-2.8038	-0.0014	0.0007	-0.0015	2.50	PASS
				-20.00	-1.9598	0.4721	-3.1900	-0.0011	0.0003	-0.0017	2.50	PASS
				-10.00	-2.0313	0.0286	-3.3760	-0.0011	0.0000	-0.0018	2.50	PASS
				0.00	-1.9741	0.2432	-2.9325	-0.0011	0.0001	-0.0015	2.50	PASS
				10.00	-2.6178	1.9598	-3.3760	-0.0014	0.0010	-0.0018	2.50	PASS
				20.00	-2.1029	1.2588	-3.5477	-0.0011	0.0007	-0.0019	2.50	PASS
				30.00	-1.9884	1.7166	-2.4891	-0.0011	0.0009	-0.0013	2.50	PASS
				40.00	-1.1730	2.0313	-3.5477	-0.0006	0.0011	-0.0019	2.50	PASS
				50.00	-1.9455	1.8168	-3.3617	-0.0011	0.0010	-0.0018	2.50	PASS
16QAM	6	0	NV	-30.00	-1.8740	-0.6008	-3.4332	-0.0010	-0.0003	-0.0018	2.50	PASS
				-20.00	-0.9727	0.2289	-2.9325	-0.0005	0.0001	-0.0015	2.50	PASS
				-10.00	-0.9012	0.1001	-3.5191	-0.0005	0.0001	-0.0018	2.50	PASS
				0.00	-1.9741	-0.9871	-3.5763	-0.0011	-0.0005	-0.0019	2.50	PASS
				10.00	-1.9741	-1.1587	-4.4489	-0.0011	-0.0006	-0.0023	2.50	PASS
				20.00	-1.7452	-1.4305	-5.0497	-0.0009	-0.0008	-0.0026	2.50	PASS
				30.00	-1.4734	-0.7868	-3.3045	-0.0008	-0.0004	-0.0017	2.50	PASS
				40.00	-2.2745	1.1444	-3.8195	-0.0012	0.0006	-0.0020	2.50	PASS
				50.00	-1.1158	0.4435	-1.7738	-0.0006	0.0002	-0.0009	2.50	PASS

Test Band: 25 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-1.6880	1.6594	-3.7479	-0.0009	0.0009	-0.0020	2.50	PASS
				NV	-2.0456	0.3433	-3.3474	-0.0011	0.0002	-0.0017	2.50	PASS
				HV	-0.9584	0.5722	-3.3045	-0.0005	0.0003	-0.0017	2.50	PASS
16QAM	15	0	NT	LV	-3.0327	0.9441	-4.3917	-0.0016	0.0005	-0.0023	2.50	PASS
				NV	-2.4462	-0.5579	-3.4761	-0.0013	-0.0003	-0.0018	2.50	PASS
				HV	-2.6178	-1.0443	-2.6751	-0.0014	-0.0006	-0.0014	2.50	PASS



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Test Band: 25 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-2.8896	-0.5007	-4.2057	-0.0016	-0.0003	-0.0022	2.50	PASS
				-20.00	-2.7609	0.8583	-3.8481	-0.0015	0.0005	-0.0020	2.50	PASS
				-10.00	-2.0456	0.9584	-2.8896	-0.0011	0.0005	-0.0015	2.50	PASS
				0.00	-2.1744	0.8726	-3.8338	-0.0012	0.0005	-0.0020	2.50	PASS
				10.00	-4.1342	-1.5450	-2.5749	-0.0022	-0.0008	-0.0013	2.50	PASS
				20.00	-3.2759	0.7725	-2.8324	-0.0018	0.0004	-0.0015	2.50	PASS
				30.00	-1.5736	0.0429	-3.0899	-0.0008	0.0000	-0.0016	2.50	PASS
				40.00	-1.3161	1.5163	-4.1771	-0.0007	0.0008	-0.0022	2.50	PASS
				50.00	-2.3031	1.0300	-2.1458	-0.0012	0.0005	-0.0011	2.50	PASS
16QAM	15	0	NV	-30.00	-1.9884	1.4734	-2.2316	-0.0011	0.0008	-0.0012	2.50	PASS
				-20.00	-1.1301	0.2575	-3.8052	-0.0006	0.0001	-0.0020	2.50	PASS
				-10.00	-3.0327	2.0885	-3.4475	-0.0016	0.0011	-0.0018	2.50	PASS
				0.00	-3.2473	0.6294	-2.1172	-0.0018	0.0003	-0.0011	2.50	PASS
				10.00	-1.9312	-0.7153	-3.5477	-0.0010	-0.0004	-0.0019	2.50	PASS
				20.00	-3.0041	-0.4005	-2.6608	-0.0016	-0.0002	-0.0014	2.50	PASS
				30.00	-4.0627	-0.0715	-3.3331	-0.0022	0.0000	-0.0017	2.50	PASS
				40.00	-1.9884	-1.0014	-3.2902	-0.0011	-0.0005	-0.0017	2.50	PASS
				50.00	-2.3317	0.1717	-2.7609	-0.0013	0.0001	-0.0014	2.50	PASS

Test Band: 25 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-4.4346	0.7582	-4.3774	-0.0024	0.0004	-0.0023	2.50	PASS
				NV	-3.0327	2.3460	-3.7193	-0.0016	0.0012	-0.0019	2.50	PASS
				HV	-3.7050	1.2016	-3.0613	-0.0020	0.0006	-0.0016	2.50	PASS
16QAM	25	0	NT	LV	-2.7466	-0.2432	-4.2057	-0.0015	-0.0001	-0.0022	2.50	PASS
				NV	-2.4605	0.5722	-4.3201	-0.0013	0.0003	-0.0023	2.50	PASS
				HV	-2.0742	-0.4292	-2.8038	-0.0011	-0.0002	-0.0015	2.50	PASS

Test Band: 25 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-3.3331	0.7439	-3.6049	-0.0018	0.0004	-0.0019	2.50	PASS
				-20.00	-2.3460	0.8869	-2.1029	-0.0013	0.0005	-0.0011	2.50	PASS
				-10.00	-3.2043	1.7166	-3.7336	-0.0017	0.0009	-0.0020	2.50	PASS
				0.00	-2.6751	-0.5150	-3.3617	-0.0014	-0.0003	-0.0018	2.50	PASS
				10.00	-1.1444	0.7582	-3.8910	-0.0006	0.0004	-0.0020	2.50	PASS
				20.00	-1.7595	1.1301	-2.6321	-0.0009	0.0006	-0.0014	2.50	PASS
				30.00	-1.9741	-2.0027	-2.7323	-0.0011	-0.0011	-0.0014	2.50	PASS
				40.00	-4.2200	-1.4305	-4.0913	-0.0023	-0.0008	-0.0021	2.50	PASS
				50.00	-5.3215	1.4877	-3.4475	-0.0029	0.0008	-0.0018	2.50	PASS
16QAM	25	0	NV	-30.00	-2.9325	1.2732	-2.8181	-0.0016	0.0007	-0.0015	2.50	PASS
				-20.00	-2.7609	1.4305	-4.0054	-0.0015	0.0008	-0.0021	2.50	PASS
				-10.00	-2.6751	-0.6723	-2.3746	-0.0014	-0.0004	-0.0012	2.50	PASS
				0.00	-2.6608	1.1730	-2.9469	-0.0014	0.0006	-0.0015	2.50	PASS
				10.00	-2.8896	0.8726	-4.0197	-0.0016	0.0005	-0.0021	2.50	PASS
				20.00	-2.0170	0.4864	-4.8208	-0.0011	0.0003	-0.0025	2.50	PASS



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				30.00	-2.4891	-0.9012	-4.3774	-0.0013	-0.0005	-0.0023	2.50	PASS
				40.00	-1.7738	0.1431	-4.1628	-0.0010	0.0001	-0.0022	2.50	PASS
				50.00	-1.8024	0.8583	-4.5776	-0.0010	0.0005	-0.0024	2.50	PASS

Test Band: 25 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-2.9612	2.0027	-2.3174	-0.0016	0.0011	-0.0012	2.50	PASS
				NV	-3.5906	-0.3433	-2.4891	-0.0019	-0.0002	-0.0013	2.50	PASS
				HV	-3.1185	1.3018	-3.8910	-0.0017	0.0007	-0.0020	2.50	PASS
16QAM	50	0	NT	LV	-2.8753	0.7296	-2.3460	-0.0016	0.0004	-0.0012	2.50	PASS
				NV	-2.3174	0.5293	-3.7193	-0.0012	0.0003	-0.0019	2.50	PASS
				HV	-3.4761	1.2445	-2.7752	-0.0019	0.0007	-0.0015	2.50	PASS

Test Band: 25 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-2.7180	0.5436	-2.2602	-0.0015	0.0003	-0.0012	2.50	PASS
				-20.00	-3.0041	0.4148	-3.3903	-0.0016	0.0002	-0.0018	2.50	PASS
				-10.00	-2.7180	-0.5722	-2.6178	-0.0015	-0.0003	-0.0014	2.50	PASS
				0.00	-2.8181	0.7010	-2.7752	-0.0015	0.0004	-0.0015	2.50	PASS
				10.00	-3.8338	0.0715	-2.5463	-0.0021	0.0000	-0.0013	2.50	PASS
				20.00	-2.8610	0.6723	-2.0599	-0.0015	0.0004	-0.0011	2.50	PASS
				30.00	-3.3188	-1.0443	-2.5034	-0.0018	-0.0006	-0.0013	2.50	PASS
				40.00	-4.5061	0.3433	-3.3188	-0.0024	0.0002	-0.0017	2.50	PASS
				50.00	-3.8481	-0.0286	-4.3058	-0.0021	0.0000	-0.0023	2.50	PASS
16QAM	50	0	NV	-30.00	-3.3760	1.1873	-3.0756	-0.0018	0.0006	-0.0016	2.50	PASS
				-20.00	-2.6178	-0.2432	-2.3031	-0.0014	-0.0001	-0.0012	2.50	PASS
				-10.00	-3.6049	0.9584	-0.9298	-0.0019	0.0005	-0.0005	2.50	PASS
				0.00	-2.1458	-0.1001	-2.9325	-0.0012	-0.0001	-0.0015	2.50	PASS
				10.00	-3.9053	1.2875	-3.1757	-0.0021	0.0007	-0.0017	2.50	PASS
				20.00	-1.8024	0.2861	-3.0470	-0.0010	0.0002	-0.0016	2.50	PASS
				30.00	-3.3331	0.9298	-3.0613	-0.0018	0.0005	-0.0016	2.50	PASS
				40.00	-3.5048	1.3590	-1.9598	-0.0019	0.0007	-0.0010	2.50	PASS
				50.00	-3.2330	1.1301	-2.0742	-0.0017	0.0006	-0.0011	2.50	PASS

Test Band: 25 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-4.9353	0.5007	0.0000	-0.0027	0.0003	0.0000	2.50	PASS
				NV	-2.9039	-0.1431	0.6151	-0.0016	-0.0001	0.0003	2.50	PASS
				HV	-4.2772	1.2016	-0.5722	-0.0023	0.0006	-0.0003	2.50	PASS
16QAM	75	0	NT	LV	-3.3474	0.6151	-1.0872	-0.0018	0.0003	-0.0006	2.50	PASS
				NV	-3.3331	1.4305	-0.2289	-0.0018	0.0008	-0.0001	2.50	PASS
				HV	-4.2915	0.1574	-0.2289	-0.0023	0.0001	-0.0001	2.50	PASS

Test Band: 25 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		



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QPSK	75	0	NV	-30.00	-4.0913	1.2875	-0.5436	-0.0022	0.0007	-0.0003	2.50	PASS
				-20.00	-3.2902	-0.4721	1.4448	-0.0018	-0.0003	0.0008	2.50	PASS
				-10.00	-3.5763	0.6866	-0.4148	-0.0019	0.0004	-0.0002	2.50	PASS
				0.00	-3.3760	-0.1574	-0.9012	-0.0018	-0.0001	-0.0005	2.50	PASS
				10.00	-2.4033	0.3004	-0.4864	-0.0013	0.0002	-0.0003	2.50	PASS
				20.00	-4.6206	0.7439	0.6294	-0.0025	0.0004	0.0003	2.50	PASS
				30.00	-3.5620	0.2861	0.3147	-0.0019	0.0002	0.0002	2.50	PASS
				40.00	-3.1042	0.2432	0.4435	-0.0017	0.0001	0.0002	2.50	PASS
				50.00	-3.3331	-0.5865	0.0572	-0.0018	-0.0003	0.0000	2.50	PASS
16QAM	75	0	NV	-30.00	-3.7050	1.1301	-0.0429	-0.0020	0.0006	0.0000	2.50	PASS
				-20.00	-4.0770	0.7582	-0.7439	-0.0022	0.0004	-0.0004	2.50	PASS
				-10.00	-3.8767	-0.2861	-1.1158	-0.0021	-0.0002	-0.0006	2.50	PASS
				0.00	-3.8481	0.6723	-0.0715	-0.0021	0.0004	0.0000	2.50	PASS
				10.00	-3.8052	0.7153	-0.3433	-0.0020	0.0004	-0.0002	2.50	PASS
				20.00	-3.4475	0.9584	0.0429	-0.0019	0.0005	0.0000	2.50	PASS
				30.00	-2.0027	1.7166	-0.9155	-0.0011	0.0009	-0.0005	2.50	PASS
				40.00	-1.9026	0.0000	-0.9727	-0.0010	0.0000	-0.0005	2.50	PASS
				50.00	-4.9639	0.2432	0.0143	-0.0027	0.0001	0.0000	2.50	PASS

Test Band: 25 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-0.1860	0.3290	0.1001	-0.0001	0.0002	0.0001	2.50	PASS
				NV	1.1873	1.7023	0.1001	0.0006	0.0009	0.0001	2.50	PASS
				HV	1.2159	0.4148	0.5007	0.0007	0.0002	0.0003	2.50	PASS
16QAM	100	0	NT	LV	0.6437	0.3433	1.3018	0.0003	0.0002	0.0007	2.50	PASS
				NV	-0.2861	0.9584	1.4448	-0.0002	0.0005	0.0008	2.50	PASS
				HV	-0.3290	-0.3576	0.1431	-0.0002	-0.0002	0.0001	2.50	PASS

Test Band: 25 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	0.5579	0.0286	1.6308	0.0003	0.0000	0.0009	2.50	PASS
				-20.00	-0.6008	1.0729	-0.8154	-0.0003	0.0006	-0.0004	2.50	PASS
				-10.00	0.4721	0.6866	0.0429	0.0003	0.0004	0.0000	2.50	PASS
				0.00	1.6308	0.9584	1.0443	0.0009	0.0005	0.0005	2.50	PASS
				10.00	0.5007	0.8440	0.9441	0.0003	0.0004	0.0005	2.50	PASS
				20.00	0.6294	-0.3147	-0.3004	0.0003	-0.0002	-0.0002	2.50	PASS
				30.00	1.6308	0.5150	0.0429	0.0009	0.0003	0.0000	2.50	PASS
				40.00	0.2861	-0.7010	1.3161	0.0002	-0.0004	0.0007	2.50	PASS
				50.00	2.0599	0.7010	0.5865	0.0011	0.0004	0.0003	2.50	PASS
16QAM	100	0	NV	-30.00	-0.4148	1.5163	-0.6151	-0.0002	0.0008	-0.0003	2.50	PASS
				-20.00	0.4005	0.8440	-0.0429	0.0002	0.0004	0.0000	2.50	PASS
				-10.00	0.6580	0.9441	0.8440	0.0004	0.0005	0.0004	2.50	PASS
				0.00	0.3147	1.0157	0.7153	0.0002	0.0005	0.0004	2.50	PASS
				10.00	0.0429	1.1730	0.9441	0.0000	0.0006	0.0005	2.50	PASS
				20.00	1.6022	2.1029	-0.3576	0.0009	0.0011	-0.0002	2.50	PASS
				30.00	0.3862	0.4435	0.0143	0.0002	0.0002	0.0000	2.50	PASS
				40.00	1.2445	1.2445	0.7010	0.0007	0.0007	0.0004	2.50	PASS
				50.00	1.9455	1.2445	0.6866	0.0010	0.0007	0.0004	2.50	PASS



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Attention: To check the technical data, please refer to the certificate of analysis issued by the Company. (Certificate No. 144)

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LTE Band 26a

Test Band: 26a 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-0.4435	-1.9455	-1.0729	-0.0005	-0.0024	-0.0013	2.50	PASS
				NV	0.1001	-2.8753	-1.5020	0.0001	-0.0035	-0.0018	2.50	PASS
				HV	-0.4721	-2.4748	-0.5293	-0.0006	-0.0030	-0.0006	2.50	PASS
16QAM	6	0	NT	LV	-0.6294	-1.8883	-0.0429	-0.0008	-0.0023	-0.0001	2.50	PASS
				NV	-0.3862	-1.9455	-0.5579	-0.0005	-0.0024	-0.0007	2.50	PASS
				HV	0.0858	-1.4734	0.5007	0.0001	-0.0018	0.0006	2.50	PASS

Test Band: 26a 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-0.7725	-1.9598	-0.3433	-0.0009	-0.0024	-0.0004	2.50	PASS
				-20.00	-0.6580	-2.0313	-1.6880	-0.0008	-0.0025	-0.0021	2.50	PASS
				-10.00	0.9298	-1.0586	-1.0014	0.0011	-0.0013	-0.0012	2.50	PASS
				0.00	-1.2732	-2.8181	-0.1001	-0.0016	-0.0034	-0.0001	2.50	PASS
				10.00	-1.3161	-1.6308	-0.0858	-0.0016	-0.0020	-0.0001	2.50	PASS
				20.00	0.0000	-1.9598	-1.3447	0.0000	-0.0024	-0.0016	2.50	PASS
				30.00	0.4721	-1.3161	-0.8869	0.0006	-0.0016	-0.0011	2.50	PASS
				40.00	0.1717	-2.1887	-0.2146	0.0002	-0.0027	-0.0003	2.50	PASS
				50.00	-0.0858	-1.3018	-0.6866	-0.0001	-0.0016	-0.0008	2.50	PASS
16QAM	6	0	NV	-30.00	-0.8869	-0.7153	0.6151	-0.0011	-0.0009	0.0007	2.50	PASS
				-20.00	-0.9155	-1.4448	1.1444	-0.0011	-0.0018	0.0014	2.50	PASS
				-10.00	0.6294	-1.7881	-0.3433	0.0008	-0.0022	-0.0004	2.50	PASS
				0.00	-0.5865	-1.5450	0.2003	-0.0007	-0.0019	0.0002	2.50	PASS
				10.00	-1.0872	0.0858	0.7582	-0.0013	0.0001	0.0009	2.50	PASS
				20.00	0.3862	-1.3733	0.7725	0.0005	-0.0017	0.0009	2.50	PASS
				30.00	-0.7725	-1.0014	-0.5150	-0.0009	-0.0012	-0.0006	2.50	PASS
				40.00	-1.6165	-1.6165	0.2432	-0.0020	-0.0020	0.0003	2.50	PASS
				50.00	-0.6151	-0.4578	-0.5436	-0.0008	-0.0006	-0.0007	2.50	PASS

Test Band: 26a 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-1.1730	-1.8454	0.0429	-0.0014	-0.0023	0.0001	2.50	PASS
				NV	-1.0872	-1.2588	-0.5007	-0.0013	-0.0015	-0.0006	2.50	PASS
				HV	-0.9155	-1.8597	-0.6580	-0.0011	-0.0023	-0.0008	2.50	PASS
16QAM	15	0	NT	LV	-0.0143	-1.5593	-0.5865	0.0000	-0.0019	-0.0007	2.50	PASS
				NV	-0.7725	-3.6335	0.5293	-0.0009	-0.0044	0.0006	2.50	PASS
				HV	-1.2732	-1.8883	0.0572	-0.0016	-0.0023	0.0001	2.50	PASS

Test Band: 26a 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-0.8154	-1.6880	0.0000	-0.0010	-0.0021	0.0000	2.50	PASS
				-20.00	-0.3576	-2.0313	-0.1574	-0.0004	-0.0025	-0.0002	2.50	PASS
				-10.00	-1.7452	-2.1744	0.7153	-0.0021	-0.0027	0.0009	2.50	PASS



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				0.00	-0.7296	-1.8740	0.3147	-0.0009	-0.0023	0.0004	2.50	PASS
				10.00	-1.2159	-1.3304	-0.1001	-0.0015	-0.0016	-0.0001	2.50	PASS
				20.00	-1.6880	-2.1172	-0.3290	-0.0021	-0.0026	-0.0004	2.50	PASS
				30.00	-1.8883	-1.2732	0.3719	-0.0023	-0.0016	0.0005	2.50	PASS
				40.00	-0.5293	-1.4734	0.1287	-0.0006	-0.0018	0.0002	2.50	PASS
				50.00	-1.5306	-1.5879	1.1015	-0.0019	-0.0019	0.0013	2.50	PASS
16QAM	15	0	NV	-30.00	-0.7725	-1.9884	-0.8154	-0.0009	-0.0024	-0.0010	2.50	PASS
				-20.00	-0.5865	-1.4162	-0.7296	-0.0007	-0.0017	-0.0009	2.50	PASS
				-10.00	-0.3862	-1.2159	-0.6723	-0.0005	-0.0015	-0.0008	2.50	PASS
				0.00	0.1574	-2.2459	-1.1873	0.0002	-0.0027	-0.0014	2.50	PASS
				10.00	-1.8168	-1.4305	0.1144	-0.0022	-0.0017	0.0001	2.50	PASS
				20.00	-1.1587	-2.0742	-0.4578	-0.0014	-0.0025	-0.0006	2.50	PASS
				30.00	-0.9012	-2.1887	-0.0572	-0.0011	-0.0027	-0.0001	2.50	PASS
				40.00	-0.8297	-1.7738	-1.3733	-0.0010	-0.0022	-0.0017	2.50	PASS
				50.00	-0.4864	-2.2316	-0.1287	-0.0006	-0.0027	-0.0002	2.50	PASS

Test Band: 26a 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-0.5293	-2.3603	0.1144	-0.0006	-0.0029	0.0001	2.50	PASS
				NV	-0.9727	-1.5020	-0.5150	-0.0012	-0.0018	-0.0006	2.50	PASS
				HV	0.2861	-0.9298	-0.3147	0.0004	-0.0011	-0.0004	2.50	PASS
16QAM	25	0	NT	LV	-1.4305	-0.4578	-1.3590	-0.0018	-0.0006	-0.0017	2.50	PASS
				NV	-0.2861	-1.4591	-0.1717	-0.0004	-0.0018	-0.0002	2.50	PASS
				HV	-1.0872	-1.9598	-0.3147	-0.0013	-0.0024	-0.0004	2.50	PASS



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Test Band: 26a 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-0.5722	-1.6308	-1.9312	-0.0007	-0.0020	-0.0024	2.50	PASS
				-20.00	0.2003	-1.4162	-1.1301	0.0002	-0.0017	-0.0014	2.50	PASS
				-10.00	-1.7881	-0.4435	-1.2445	-0.0022	-0.0005	-0.0015	2.50	PASS
				0.00	-2.5177	-1.1158	-0.5579	-0.0031	-0.0014	-0.0007	2.50	PASS
				10.00	-0.6008	-1.9312	-0.6294	-0.0007	-0.0024	-0.0008	2.50	PASS
				20.00	-0.4578	-2.8896	0.0143	-0.0006	-0.0035	0.0000	2.50	PASS
				30.00	0.3290	-2.2173	-0.2289	0.0004	-0.0027	-0.0003	2.50	PASS
				40.00	-0.2718	-2.5034	0.4864	-0.0003	-0.0031	0.0006	2.50	PASS
				50.00	-0.9155	-1.4448	0.0858	-0.0011	-0.0018	0.0001	2.50	PASS
16QAM	25	0	NV	-30.00	-1.1444	-2.3174	-1.7881	-0.0014	-0.0028	-0.0022	2.50	PASS
				-20.00	-0.5293	-1.2588	-0.5150	-0.0006	-0.0015	-0.0006	2.50	PASS
				-10.00	-0.9584	-1.3018	-1.3590	-0.0012	-0.0016	-0.0017	2.50	PASS
				0.00	-1.0729	-0.5722	-1.5163	-0.0013	-0.0007	-0.0018	2.50	PASS
				10.00	-1.5163	-1.2159	-2.0170	-0.0019	-0.0015	-0.0025	2.50	PASS
				20.00	-1.3590	-0.4435	-1.0872	-0.0017	-0.0005	-0.0013	2.50	PASS
				30.00	-1.1015	-1.7738	-1.0872	-0.0013	-0.0022	-0.0013	2.50	PASS
				40.00	-1.6165	-0.3147	-0.2289	-0.0020	-0.0004	-0.0003	2.50	PASS
				50.00	-0.9441	-0.7296	-1.4305	-0.0012	-0.0009	-0.0017	2.50	PASS

Test Band: 26a 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	/	-2.1315	/	/	-0.0026	/	2.50	PASS
				NV	/	-1.7309	/	/	-0.0021	/	2.50	PASS
				HV	/	-2.1172	/	/	-0.0026	/	2.50	PASS
16QAM	50	0	NT	LV	/	-1.7309	/	/	-0.0021	/	2.50	PASS
				NV	/	-1.9169	/	/	-0.0023	/	2.50	PASS
				HV	/	-1.4448	/	/	-0.0018	/	2.50	PASS

Test Band: 26a 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	/	-1.6022	/	/	-0.0020	/	2.50	PASS
				-20.00	/	-1.6737	/	/	-0.0020	/	2.50	PASS
				-10.00	/	-1.6737	/	/	-0.0020	/	2.50	PASS
				0.00	/	-1.9741	/	/	-0.0024	/	2.50	PASS
				10.00	/	-1.5879	/	/	-0.0019	/	2.50	PASS
				20.00	/	-2.0599	/	/	-0.0025	/	2.50	PASS
				30.00	/	-1.8740	/	/	-0.0023	/	2.50	PASS
				40.00	/	-1.7881	/	/	-0.0022	/	2.50	PASS
				50.00	/	-2.2030	/	/	-0.0027	/	2.50	PASS
16QAM	50	0	NV	-30.00	/	-2.0170	/	/	-0.0025	/	2.50	PASS
				-20.00	/	-1.5163	/	/	-0.0019	/	2.50	PASS
				-10.00	/	-2.2745	/	/	-0.0028	/	2.50	PASS
				0.00	/	-1.6022	/	/	-0.0020	/	2.50	PASS
				10.00	/	-1.4877	/	/	-0.0018	/	2.50	PASS
				20.00	/	-1.6594	/	/	-0.0020	/	2.50	PASS



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				30.00	/	-1.5163	/	/	-0.0019	/	2.50	PASS
				40.00	/	-1.9884	/	/	-0.0024	/	2.50	PASS
				50.00	/	-1.7452	/	/	-0.0021	/	2.50	PASS

LTE Band 26b

Test Band: 26b 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-0.6866	-1.4734	-0.2003	-0.0008	-0.0018	-0.0002	2.50	PASS
				NV	-0.9871	-0.3147	-1.0586	-0.0012	-0.0004	-0.0012	2.50	PASS
				HV	-1.7309	-1.0014	-1.1301	-0.0021	-0.0012	-0.0013	2.50	PASS
16QAM	6	0	NT	LV	-1.1587	-0.4292	0.9727	-0.0014	-0.0005	0.0011	2.50	PASS
				NV	-1.3018	0.1717	0.5007	-0.0016	0.0002	0.0006	2.50	PASS
				HV	-1.4734	-0.3862	-1.2732	-0.0018	-0.0005	-0.0015	2.50	PASS

Test Band: 26b 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	-1.6022	-1.5020	-1.1587	-0.0019	-0.0018	-0.0014	2.50	PASS
				-20.00	-0.3576	-0.6866	-0.8440	-0.0004	-0.0008	-0.0010	2.50	PASS
				-10.00	-0.8726	-1.0157	0.7439	-0.0011	-0.0012	0.0009	2.50	PASS
				0.00	-1.3590	-1.2159	-0.2432	-0.0016	-0.0015	-0.0003	2.50	PASS
				10.00	-1.4734	-2.3746	-0.0858	-0.0018	-0.0028	-0.0001	2.50	PASS
				20.00	-1.7881	-2.3603	-0.4005	-0.0022	-0.0028	-0.0005	2.50	PASS
				30.00	-1.8883	-1.4019	-0.3433	-0.0023	-0.0017	-0.0004	2.50	PASS
				40.00	-2.9469	-1.6880	-1.3733	-0.0036	-0.0020	-0.0016	2.50	PASS
				50.00	-1.5020	-0.6580	-1.1444	-0.0018	-0.0008	-0.0013	2.50	PASS
16QAM	6	0	NV	-30.00	-1.6594	-1.2875	-0.2718	-0.0020	-0.0015	-0.0003	2.50	PASS
				-20.00	-2.5892	1.2302	-0.4864	-0.0031	0.0015	-0.0006	2.50	PASS
				-10.00	-2.6751	0.3290	0.0715	-0.0032	0.0004	0.0001	2.50	PASS
				0.00	-1.3590	-0.0143	-0.1287	-0.0016	0.0000	-0.0002	2.50	PASS
				10.00	-1.2159	-0.7582	0.6723	-0.0015	-0.0009	0.0008	2.50	PASS
				20.00	-2.5749	-0.4148	0.0143	-0.0031	-0.0005	0.0000	2.50	PASS
				30.00	-1.1730	-1.0729	-0.5722	-0.0014	-0.0013	-0.0007	2.50	PASS
				40.00	-1.5879	-0.4292	-1.3447	-0.0019	-0.0005	-0.0016	2.50	PASS
				50.00	-2.1744	-0.2575	-0.3004	-0.0026	-0.0003	-0.0004	2.50	PASS



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Test Band: 26b 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-0.2003	-0.7725	-0.6866	-0.0002	-0.0009	-0.0008	2.50	PASS
				NV	-0.4721	-0.6437	-1.2159	-0.0006	-0.0008	-0.0014	2.50	PASS
				HV	-1.3447	-0.6437	-1.3733	-0.0016	-0.0008	-0.0016	2.50	PASS
16QAM	15	0	NT	LV	-0.5722	-0.4864	-1.1015	-0.0007	-0.0006	-0.0013	2.50	PASS
				NV	-0.7010	-0.8869	-1.8168	-0.0008	-0.0011	-0.0021	2.50	PASS
				HV	-1.0014	0.6580	-2.2173	-0.0012	0.0008	-0.0026	2.50	PASS

Test Band: 26b 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	-0.9155	-0.3290	-1.5593	-0.0011	-0.0004	-0.0018	2.50	PASS
				-20.00	-0.8011	-0.2146	-2.1887	-0.0010	-0.0003	-0.0026	2.50	PASS
				-10.00	0.2003	-1.1730	-1.1301	0.0002	-0.0014	-0.0013	2.50	PASS
				0.00	-0.5865	-0.0715	-2.0456	-0.0007	-0.0001	-0.0024	2.50	PASS
				10.00	0.0286	-1.0300	-2.2888	0.0000	-0.0012	-0.0027	2.50	PASS
				20.00	-0.1431	-2.1887	-1.8168	-0.0002	-0.0026	-0.0021	2.50	PASS
				30.00	-1.2016	-0.8583	-1.9169	-0.0015	-0.0010	-0.0023	2.50	PASS
				40.00	-0.8440	-1.2732	-1.4591	-0.0010	-0.0015	-0.0017	2.50	PASS
				50.00	-1.6308	-1.7166	-1.9455	-0.0020	-0.0021	-0.0023	2.50	PASS
16QAM	15	0	NV	-30.00	-0.5579	-0.9727	-1.2159	-0.0007	-0.0012	-0.0014	2.50	PASS
				-20.00	-0.2575	-1.7309	-2.0170	-0.0003	-0.0021	-0.0024	2.50	PASS
				-10.00	-0.0858	-0.1287	-2.1458	-0.0001	-0.0002	-0.0025	2.50	PASS
				0.00	0.6580	-1.6451	-1.2445	0.0008	-0.0020	-0.0015	2.50	PASS
				10.00	-1.5306	0.5007	-0.3862	-0.0019	0.0006	-0.0005	2.50	PASS
				20.00	-0.7296	-0.9298	-0.9441	-0.0009	-0.0011	-0.0011	2.50	PASS
				30.00	-0.9298	-0.1860	-1.7166	-0.0011	-0.0002	-0.0020	2.50	PASS
				40.00	-0.3004	-1.5020	-1.9026	-0.0004	-0.0018	-0.0022	2.50	PASS
				50.00	-1.5736	-0.1860	-3.0899	-0.0019	-0.0002	-0.0036	2.50	PASS

Test Band: 26b 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-3.3331	-1.8454	-1.0014	-0.0040	-0.0022	-0.0012	2.50	PASS
				NV	-1.2732	-1.8597	-1.5593	-0.0015	-0.0022	-0.0018	2.50	PASS
				HV	-2.2459	-0.9012	-1.7738	-0.0027	-0.0011	-0.0021	2.50	PASS
16QAM	25	0	NT	LV	-1.9884	-0.7868	-1.5879	-0.0024	-0.0009	-0.0019	2.50	PASS
				NV	-1.7881	-0.3147	0.3719	-0.0022	-0.0004	0.0004	2.50	PASS
				HV	-2.0170	-0.8011	0.1860	-0.0024	-0.0010	0.0002	2.50	PASS



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Test Band: 26b 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	-2.5892	-1.0729	0.3147	-0.0031	-0.0013	0.0004	2.50	PASS
				-20.00	-1.9884	-0.7153	-0.9441	-0.0024	-0.0009	-0.0011	2.50	PASS
				-10.00	-1.5593	-1.2302	-1.3447	-0.0019	-0.0015	-0.0016	2.50	PASS
				0.00	-1.5450	-1.1158	-0.1860	-0.0019	-0.0013	-0.0002	2.50	PASS
				10.00	-2.5034	-0.2003	-0.2003	-0.0030	-0.0002	-0.0002	2.50	PASS
				20.00	-2.4319	-0.3719	-0.4005	-0.0029	-0.0004	-0.0005	2.50	PASS
				30.00	-1.8311	-1.3018	-0.4435	-0.0022	-0.0016	-0.0005	2.50	PASS
				40.00	-2.0170	-1.4877	-1.0586	-0.0024	-0.0018	-0.0013	2.50	PASS
16QAM	25	0	NV	50.00	-2.5177	-1.9455	-0.4292	-0.0030	-0.0023	-0.0005	2.50	PASS
				-30.00	-1.8024	-0.8583	-0.8440	-0.0022	-0.0010	-0.0010	2.50	PASS
				-20.00	-2.0313	-0.0429	-0.5007	-0.0025	-0.0001	-0.0006	2.50	PASS
				-10.00	-2.5606	-0.4721	-0.9012	-0.0031	-0.0006	-0.0011	2.50	PASS
				0.00	-2.4033	0.1574	-0.4005	-0.0029	0.0002	-0.0005	2.50	PASS
				10.00	-2.3746	-0.3862	-0.7296	-0.0029	-0.0005	-0.0009	2.50	PASS
				20.00	-2.3031	-0.1717	-1.5879	-0.0028	-0.0002	-0.0019	2.50	PASS
				30.00	-1.9598	-0.8011	-0.4864	-0.0024	-0.0010	-0.0006	2.50	PASS
				40.00	-3.1614	-1.4162	-0.3147	-0.0038	-0.0017	-0.0004	2.50	PASS
				50.00	-2.5034	-0.7296	-1.6308	-0.0030	-0.0009	-0.0019	2.50	PASS

Test Band: 26b 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-0.5436	-0.5579	-2.2030	-0.0007	-0.0007	-0.0026	2.50	PASS
				NV	-1.1444	-1.1301	-0.8297	-0.0014	-0.0014	-0.0010	2.50	PASS
				HV	-0.3576	-1.3876	-1.1301	-0.0004	-0.0017	-0.0013	2.50	PASS
16QAM	50	0	NT	LV	-1.3018	-0.5865	-0.6580	-0.0016	-0.0007	-0.0008	2.50	PASS
				NV	-1.0157	-0.4721	0.8154	-0.0012	-0.0006	0.0010	2.50	PASS
				HV	-0.7153	-0.8154	0.0286	-0.0009	-0.0010	0.0000	2.50	PASS

Test Band: 26b 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-1.2445	-0.5007	-0.5579	-0.0015	-0.0006	-0.0007	2.50	PASS
				-20.00	-0.9298	-0.3147	-0.9441	-0.0011	-0.0004	-0.0011	2.50	PASS
				-10.00	-0.5007	-0.2432	-0.4578	-0.0006	-0.0003	-0.0005	2.50	PASS
				0.00	-0.2718	-0.7868	-0.8726	-0.0003	-0.0009	-0.0010	2.50	PASS
				10.00	-1.2016	-0.9584	-0.4148	-0.0014	-0.0011	-0.0005	2.50	PASS
				20.00	-0.6294	-1.3018	-0.6580	-0.0008	-0.0016	-0.0008	2.50	PASS
				30.00	-0.8583	-1.4734	-0.1144	-0.0010	-0.0018	-0.0001	2.50	PASS
				40.00	-1.7309	-1.1730	-2.3031	-0.0021	-0.0014	-0.0027	2.50	PASS
16QAM	50	0	NV	50.00	-0.9727	-0.6866	-1.7166	-0.0012	-0.0008	-0.0020	2.50	PASS
				-30.00	-1.3161	-1.0014	-0.5865	-0.0016	-0.0012	-0.0007	2.50	PASS
				-20.00	-1.3447	-1.4305	-0.5150	-0.0016	-0.0017	-0.0006	2.50	PASS
				-10.00	-1.2159	-0.4292	-1.7595	-0.0015	-0.0005	-0.0021	2.50	PASS
				0.00	-1.0443	-0.3147	-1.4448	-0.0013	-0.0004	-0.0017	2.50	PASS
				10.00	-1.1444	-0.9012	-0.6151	-0.0014	-0.0011	-0.0007	2.50	PASS
				20.00	-1.0014	-0.7868	-0.6294	-0.0012	-0.0009	-0.0007	2.50	PASS
				30.00	-1.2588	-0.2861	-1.0872	-0.0015	-0.0003	-0.0013	2.50	PASS
				40.00	-1.2159	-1.2588	-0.0858	-0.0015	-0.0015	-0.0001	2.50	PASS



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				50.00	-1.1158	-0.7868	-1.6594	-0.0013	-0.0009	-0.0020	2.50	PASS
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LTE Band 26c

Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-0.9871	0.3147	-2.0885	-0.0012	0.0004	-0.0025	2.50	PASS
				NV	-1.5450	-0.5436	-2.6751	-0.0019	-0.0007	-0.0032	2.50	PASS
				HV	-1.0872	-1.4019	-2.1029	-0.0013	-0.0017	-0.0025	2.50	PASS
16QAM	75	0	NT	LV	-0.1001	-0.1431	-1.0586	-0.0001	-0.0002	-0.0013	2.50	PASS
				NV	-0.6294	-0.5293	-1.8883	-0.0008	-0.0006	-0.0022	2.50	PASS
				HV	-0.7296	-0.3433	-1.7023	-0.0009	-0.0004	-0.0020	2.50	PASS

Test Band: 26c 15MHz Bandwidth (Frequency Error VS. Temperature)

Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	-1.4162	-0.6723	-2.3317	-0.0017	-0.0008	-0.0028	2.50	PASS
				-20.00	-1.0443	-0.4864	-1.6880	-0.0013	-0.0006	-0.0020	2.50	PASS
				-10.00	-0.7296	-0.3290	-2.5892	-0.0009	-0.0004	-0.0031	2.50	PASS
				0.00	-0.2575	-0.3576	-1.1587	-0.0003	-0.0004	-0.0014	2.50	PASS
				10.00	-0.2289	-0.8583	-2.3890	-0.0003	-0.0010	-0.0028	2.50	PASS
				20.00	-1.1444	-0.5579	-0.8583	-0.0014	-0.0007	-0.0010	2.50	PASS
				30.00	-1.2159	-0.5293	-1.3018	-0.0015	-0.0006	-0.0015	2.50	PASS
				40.00	-1.6880	-0.3862	-1.4162	-0.0021	-0.0005	-0.0017	2.50	PASS
				50.00	-0.6294	-0.2432	-0.6723	-0.0008	-0.0003	-0.0008	2.50	PASS
16QAM	75	0	NV	-30.00	-1.3018	-0.5579	-2.6035	-0.0016	-0.0007	-0.0031	2.50	PASS
				-20.00	-0.5007	-0.8583	-3.5334	-0.0006	-0.0010	-0.0042	2.50	PASS
				-10.00	-1.3733	-1.2875	-1.0872	-0.0017	-0.0015	-0.0013	2.50	PASS
				0.00	-1.9741	-0.7868	-1.8311	-0.0024	-0.0009	-0.0022	2.50	PASS
				10.00	-2.5320	-0.9012	-1.9312	-0.0031	-0.0011	-0.0023	2.50	PASS
				20.00	-0.8726	-0.7582	-1.2732	-0.0011	-0.0009	-0.0015	2.50	PASS
				30.00	-1.7595	-0.0715	-0.9012	-0.0021	-0.0001	-0.0011	2.50	PASS
				40.00	-1.6022	-0.9298	-0.6151	-0.0020	-0.0011	-0.0007	2.50	PASS
				50.00	-1.5736	-0.9871	0.2146	-0.0019	-0.0012	0.0003	2.50	PASS



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LTE Band 66

Test Band: 66 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	2.2745	-2.4176	1.7023	0.0013	-0.0014	0.0010	2.50	PASS
				NV	1.2016	-4.8923	0.5436	0.0007	-0.0028	0.0003	2.50	PASS
				HV	1.1730	-2.9898	-0.6723	0.0007	-0.0017	-0.0004	2.50	PASS
16QAM	6	0	NT	LV	-0.3290	-2.7466	-0.4864	-0.0002	-0.0016	-0.0003	2.50	PASS
				NV	1.6165	-2.0170	-0.1144	0.0009	-0.0012	-0.0001	2.50	PASS
				HV	0.4721	-1.7738	-0.1717	0.0003	-0.0010	-0.0001	2.50	PASS

Test Band: 66 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	0.4292	-1.6737	1.4019	0.0003	-0.0010	0.0008	2.50	PASS
				-20.00	0.3147	-1.8311	0.7868	0.0002	-0.0010	0.0004	2.50	PASS
				-10.00	1.6022	-1.6880	1.6880	0.0009	-0.0010	0.0009	2.50	PASS
				0.00	2.4033	-2.3460	1.0443	0.0014	-0.0013	0.0006	2.50	PASS
				10.00	0.4435	-3.4904	-1.4162	0.0003	-0.0020	-0.0008	2.50	PASS
				20.00	0.7010	-2.1887	-0.0286	0.0004	-0.0013	0.0000	2.50	PASS
				30.00	1.7023	-2.2459	-0.4435	0.0010	-0.0013	-0.0002	2.50	PASS
				40.00	2.7323	-3.2187	1.7023	0.0016	-0.0018	0.0010	2.50	PASS
				50.00	0.7010	-3.5334	1.1730	0.0004	-0.0020	0.0007	2.50	PASS
16QAM	6	0	NV	-30.00	1.2875	-1.5020	0.2718	0.0008	-0.0009	0.0002	2.50	PASS
				-20.00	1.3447	-1.0157	0.5865	0.0008	-0.0006	0.0003	2.50	PASS
				-10.00	1.6594	-1.5450	-0.8440	0.0010	-0.0009	-0.0005	2.50	PASS
				0.00	2.1887	-1.9169	-1.1587	0.0013	-0.0011	-0.0007	2.50	PASS
				10.00	3.2759	-1.7738	-0.5865	0.0019	-0.0010	-0.0003	2.50	PASS
				20.00	2.5177	-1.7881	-0.7439	0.0015	-0.0010	-0.0004	2.50	PASS
				30.00	0.8869	-1.3733	-0.2289	0.0005	-0.0008	-0.0001	2.50	PASS
				40.00	0.2575	-1.5163	0.1144	0.0002	-0.0009	0.0001	2.50	PASS
				50.00	-0.1431	-2.0170	-0.4578	-0.0001	-0.0012	-0.0003	2.50	PASS

Test Band: 66 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-1.0014	-1.7738	0.7439	-0.0006	-0.0010	0.0004	2.50	PASS
				NV	-1.5020	-1.8740	0.0858	-0.0009	-0.0011	0.0000	2.50	PASS
				HV	0.3719	-2.9898	0.4864	0.0002	-0.0017	0.0003	2.50	PASS
16QAM	15	0	NT	LV	0.1144	-4.0340	0.8440	0.0001	-0.0023	0.0005	2.50	PASS
				NV	0.3719	-4.5633	0.0143	0.0002	-0.0026	0.0000	2.50	PASS
				HV	1.0300	-2.0313	0.5150	0.0006	-0.0012	0.0003	2.50	PASS

Test Band: 66 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	1.4448	-4.5776	1.9455	0.0008	-0.0026	0.0011	2.50	PASS



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				-20.00	-0.3004	-3.3045	0.0572	-0.0002	-0.0019	0.0000	2.50	PASS
				-10.00	0.3433	-2.0170	0.6151	0.0002	-0.0012	0.0003	2.50	PASS
				0.00	1.3304	-2.9039	2.1029	0.0008	-0.0017	0.0012	2.50	PASS
				10.00	-0.3147	-2.8038	0.8869	-0.0002	-0.0016	0.0005	2.50	PASS
				20.00	0.8440	-3.5048	1.2302	0.0005	-0.0020	0.0007	2.50	PASS
				30.00	0.2289	-3.6049	0.8583	0.0001	-0.0021	0.0005	2.50	PASS
				40.00	0.1001	-3.7622	2.5463	0.0001	-0.0022	0.0014	2.50	PASS
				50.00	0.4578	-2.8753	0.8726	0.0003	-0.0016	0.0005	2.50	PASS
16QAM	15	0	NV	-30.00	-0.2003	-2.3031	0.4578	-0.0001	-0.0013	0.0003	2.50	PASS
				-20.00	0.3576	-3.7766	1.1301	0.0002	-0.0022	0.0006	2.50	PASS
				-10.00	0.4578	-3.1757	2.3317	0.0003	-0.0018	0.0013	2.50	PASS
				0.00	-1.1301	-2.8753	1.7309	-0.0007	-0.0016	0.0010	2.50	PASS
				10.00	-0.8583	-2.6464	1.7309	-0.0005	-0.0015	0.0010	2.50	PASS
				20.00	1.3161	-4.7779	1.9169	0.0008	-0.0027	0.0011	2.50	PASS
				30.00	0.1860	-4.2057	1.4448	0.0001	-0.0024	0.0008	2.50	PASS
				40.00	-0.1001	-3.2473	0.9584	-0.0001	-0.0019	0.0005	2.50	PASS
				50.00	-0.7582	-2.9039	2.3460	-0.0004	-0.0017	0.0013	2.50	PASS

Test Band: 66_ 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	1.8883	-3.7479	-0.5007	0.0011	-0.0021	-0.0003	2.50	PASS
				NV	1.4305	-3.6192	-0.4148	0.0008	-0.0021	-0.0002	2.50	PASS
				HV	0.4435	-2.6178	0.4292	0.0003	-0.0015	0.0002	2.50	PASS
16QAM	25	0	NT	LV	-0.3862	-3.1900	1.2732	-0.0002	-0.0018	0.0007	2.50	PASS
				NV	0.7296	-3.7050	0.2861	0.0004	-0.0021	0.0002	2.50	PASS
				HV	0.7725	-3.1042	0.4864	0.0005	-0.0018	0.0003	2.50	PASS

Test Band: 66_ 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	0.9441	-3.0756	0.9727	0.0006	-0.0018	0.0005	2.50	PASS
				-20.00	1.2016	-1.9741	-0.5579	0.0007	-0.0011	-0.0003	2.50	PASS
				-10.00	1.6308	-2.8467	-0.8726	0.0010	-0.0016	-0.0005	2.50	PASS
				0.00	0.8726	-4.6206	-0.9012	0.0005	-0.0026	-0.0005	2.50	PASS
				10.00	0.4864	-3.6049	-0.1860	0.0003	-0.0021	-0.0001	2.50	PASS
				20.00	1.7023	-3.1900	0.4578	0.0010	-0.0018	0.0003	2.50	PASS
				30.00	1.0729	-3.0613	-0.8869	0.0006	-0.0018	-0.0005	2.50	PASS
				40.00	0.6294	-3.2043	-2.3603	0.0004	-0.0018	-0.0013	2.50	PASS
				50.00	0.6723	-2.8610	0.0429	0.0004	-0.0016	0.0000	2.50	PASS
16QAM	25	0	NV	-30.00	2.6751	-2.0456	-0.4578	0.0016	-0.0012	-0.0003	2.50	PASS
				-20.00	0.6723	-4.1771	-0.1574	0.0004	-0.0024	-0.0001	2.50	PASS
				-10.00	1.3733	-2.4462	-1.3876	0.0008	-0.0014	-0.0008	2.50	PASS
				0.00	0.1717	-3.1042	0.0000	0.0001	-0.0018	0.0000	2.50	PASS
				10.00	1.5450	-3.1471	0.6723	0.0009	-0.0018	0.0004	2.50	PASS
				20.00	1.3876	-3.8767	-0.6723	0.0008	-0.0022	-0.0004	2.50	PASS
				30.00	1.8740	-2.8038	-0.4005	0.0011	-0.0016	-0.0002	2.50	PASS
				40.00	1.7023	-3.4904	0.8011	0.0010	-0.0020	0.0005	2.50	PASS
				50.00	1.0300	-3.5048	0.5579	0.0006	-0.0020	0.0003	2.50	PASS

Test Band: 66_ 10MHz Bandwidth (Frequency Error VS. Voltage)											
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Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-3.0470	-2.5463	-2.7609	-0.0018	-0.0015	-0.0016	2.50	PASS
				NV	-3.5763	-3.4475	-2.7752	-0.0021	-0.0020	-0.0016	2.50	PASS
				HV	-1.8597	-3.5048	-3.4189	-0.0011	-0.0020	-0.0019	2.50	PASS
16QAM	50	0	NT	LV	-3.7050	-3.4475	-3.6764	-0.0022	-0.0020	-0.0021	2.50	PASS
				NV	-3.3045	-2.4319	-2.3603	-0.0019	-0.0014	-0.0013	2.50	PASS
				HV	-3.4189	-3.3188	-3.5477	-0.0020	-0.0019	-0.0020	2.50	PASS

Test Band: 66 10MHz Bandwidth (Frequency Error VS. Temperature)

Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	-3.1757	-3.0470	-2.6751	-0.0019	-0.0017	-0.0015	2.50	PASS
				-20.00	-2.0027	-3.3760	-1.5879	-0.0012	-0.0019	-0.0009	2.50	PASS
				-10.00	-3.3188	-2.8896	-3.8338	-0.0019	-0.0017	-0.0022	2.50	PASS
				0.00	-3.2330	-3.1185	-2.5463	-0.0019	-0.0018	-0.0014	2.50	PASS
				10.00	-2.9755	-3.3188	-2.7895	-0.0017	-0.0019	-0.0016	2.50	PASS
				20.00	-3.8052	-3.8052	-3.2616	-0.0022	-0.0022	-0.0018	2.50	PASS
				30.00	-2.4891	-3.4761	-2.7037	-0.0015	-0.0020	-0.0015	2.50	PASS
				40.00	-3.8481	-2.8610	-3.6621	-0.0022	-0.0016	-0.0021	2.50	PASS
				50.00	-3.0041	-2.4462	-3.5477	-0.0018	-0.0014	-0.0020	2.50	PASS
16QAM	50	0	NV	-30.00	-2.5034	-2.6178	-2.6894	-0.0015	-0.0015	-0.0015	2.50	PASS
				-20.00	-2.7466	-3.8338	-2.1887	-0.0016	-0.0022	-0.0012	2.50	PASS
				-10.00	-3.1757	-3.0184	-2.5034	-0.0019	-0.0017	-0.0014	2.50	PASS
				0.00	-3.5048	-2.7323	-3.3760	-0.0020	-0.0016	-0.0019	2.50	PASS
				10.00	-4.2629	-2.2745	-3.3617	-0.0025	-0.0013	-0.0019	2.50	PASS
				20.00	-3.1185	-2.8324	-1.7023	-0.0018	-0.0016	-0.0010	2.50	PASS
				30.00	-3.4046	-3.0899	-3.6764	-0.0020	-0.0018	-0.0021	2.50	PASS
				40.00	-3.9768	-2.2602	-3.2759	-0.0023	-0.0013	-0.0018	2.50	PASS
				50.00	-2.8753	-4.2200	-2.2173	-0.0017	-0.0024	-0.0012	2.50	PASS



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Test Band: 66 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	1.0443	-3.0756	1.0729	0.0006	-0.0018	0.0006	2.50	PASS
				NV	-1.1158	-3.7193	1.9169	-0.0006	-0.0021	0.0011	2.50	PASS
				HV	-0.7296	-3.4618	1.6880	-0.0004	-0.0020	0.0010	2.50	PASS
16QAM	75	0	NT	LV	-0.2003	-2.2173	1.0014	-0.0001	-0.0013	0.0006	2.50	PASS
				NV	0.2432	-2.2888	0.7153	0.0001	-0.0013	0.0004	2.50	PASS
				HV	0.0000	-3.2616	2.5034	0.0000	-0.0019	0.0014	2.50	PASS

Test Band: 66 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NV	-30.00	0.0572	-3.6478	0.4864	0.0000	-0.0021	0.0003	2.50	PASS
				-20.00	0.8297	-3.1757	1.2875	0.0005	-0.0018	0.0007	2.50	PASS
				-10.00	0.9012	-3.0470	1.1587	0.0005	-0.0017	0.0007	2.50	PASS
				0.00	-0.1717	-3.1900	0.4578	-0.0001	-0.0018	0.0003	2.50	PASS
				10.00	0.1431	-2.9039	1.0300	0.0001	-0.0017	0.0006	2.50	PASS
				20.00	-0.5150	-3.3903	1.5736	-0.0003	-0.0019	0.0009	2.50	PASS
				30.00	-1.3447	-3.6335	1.3876	-0.0008	-0.0021	0.0008	2.50	PASS
				40.00	-0.4148	-3.8481	1.9169	-0.0002	-0.0022	0.0011	2.50	PASS
				50.00	-0.5579	-2.9039	0.1860	-0.0003	-0.0017	0.0001	2.50	PASS
16QAM	75	0	NV	-30.00	-0.1431	-2.1744	0.1717	-0.0001	-0.0012	0.0001	2.50	PASS
				-20.00	-0.0858	-2.1315	1.0300	0.0000	-0.0012	0.0006	2.50	PASS
				-10.00	-0.0572	-2.4319	1.2875	0.0000	-0.0014	0.0007	2.50	PASS
				0.00	0.2432	-2.5177	0.3004	0.0001	-0.0014	0.0002	2.50	PASS
				10.00	0.2718	-2.8896	1.7738	0.0002	-0.0017	0.0010	2.50	PASS
				20.00	0.1001	-2.3603	0.6866	0.0001	-0.0014	0.0004	2.50	PASS
				30.00	0.0286	-2.2745	1.4734	0.0000	-0.0013	0.0008	2.50	PASS
				40.00	-0.3862	-2.8753	1.4734	-0.0002	-0.0016	0.0008	2.50	PASS
				50.00	-0.3862	-3.3045	1.7881	-0.0002	-0.0019	0.0010	2.50	PASS

Test Band: 66 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	0.0286	-2.1601	0.3433	0.0000	-0.0012	0.0002	2.50	PASS
				NV	1.4305	-3.1614	1.0014	0.0008	-0.0018	0.0006	2.50	PASS
				HV	0.6580	-2.7180	0.2289	0.0004	-0.0016	0.0001	2.50	PASS
16QAM	100	0	NT	LV	2.2173	-2.5463	-0.4148	0.0013	-0.0015	-0.0002	2.50	PASS
				NV	1.8740	-3.2330	-0.4292	0.0011	-0.0019	-0.0002	2.50	PASS
				HV	1.1587	-2.8753	-0.2289	0.0007	-0.0016	-0.0001	2.50	PASS

Test Band: 66_20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	1.3304	-2.3746	-0.3433	0.0008	-0.0014	-0.0002	2.50	PASS



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				-20.00	1.1587	-2.9755	0.7439	0.0007	-0.0017	0.0004	2.50	PASS
				-10.00	-0.3290	-2.4605	-0.6723	-0.0002	-0.0014	-0.0004	2.50	PASS
				0.00	0.6294	-3.2330	0.9298	0.0004	-0.0019	0.0005	2.50	PASS
				10.00	0.4435	-3.5191	-0.3433	0.0003	-0.0020	-0.0002	2.50	PASS
				20.00	0.7439	-3.3617	0.1144	0.0004	-0.0019	0.0001	2.50	PASS
				30.00	1.0300	-3.1185	0.0000	0.0006	-0.0018	0.0000	2.50	PASS
				40.00	0.4578	-2.8753	-0.4005	0.0003	-0.0016	-0.0002	2.50	PASS
				50.00	0.8583	-2.0456	-0.7296	0.0005	-0.0012	-0.0004	2.50	PASS
16QAM	100	0	NV	-30.00	0.7868	-2.8467	0.4292	0.0005	-0.0016	0.0002	2.50	PASS
				-20.00	1.0014	-2.7752	0.1001	0.0006	-0.0016	0.0001	2.50	PASS
				-10.00	1.7166	-2.7037	-0.2289	0.0010	-0.0015	-0.0001	2.50	PASS
				0.00	1.4019	-3.0327	0.5293	0.0008	-0.0017	0.0003	2.50	PASS
				10.00	1.1444	-2.8181	-0.8726	0.0007	-0.0016	-0.0005	2.50	PASS
				20.00	1.9169	-2.7752	-0.1717	0.0011	-0.0016	-0.0001	2.50	PASS
				30.00	0.6294	-2.6608	-0.7725	0.0004	-0.0015	-0.0004	2.50	PASS
				40.00	1.3876	-2.2888	-0.5007	0.0008	-0.0013	-0.0003	2.50	PASS
				50.00	1.2302	-3.6478	-0.4578	0.0007	-0.0021	-0.0003	2.50	PASS



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