



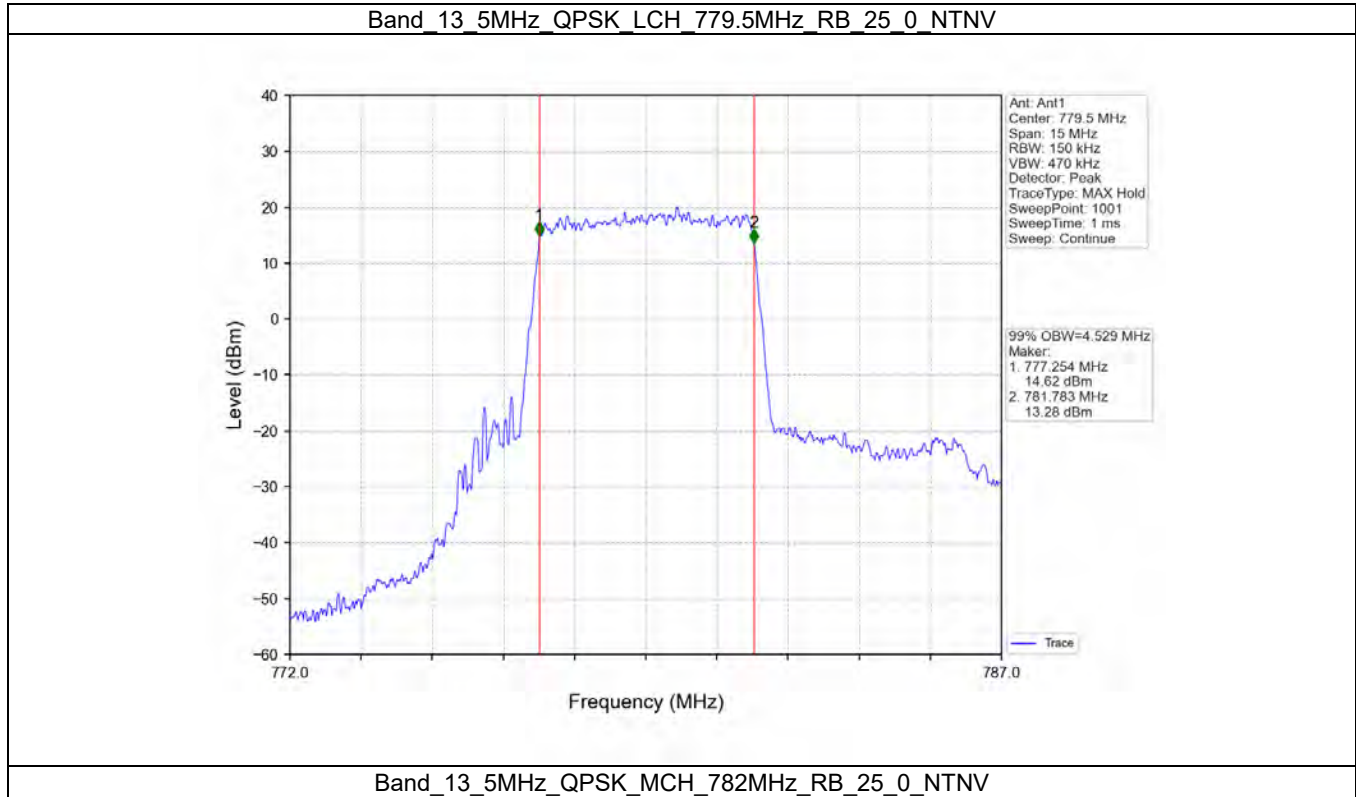
2.7 LTE Band 13 OBW

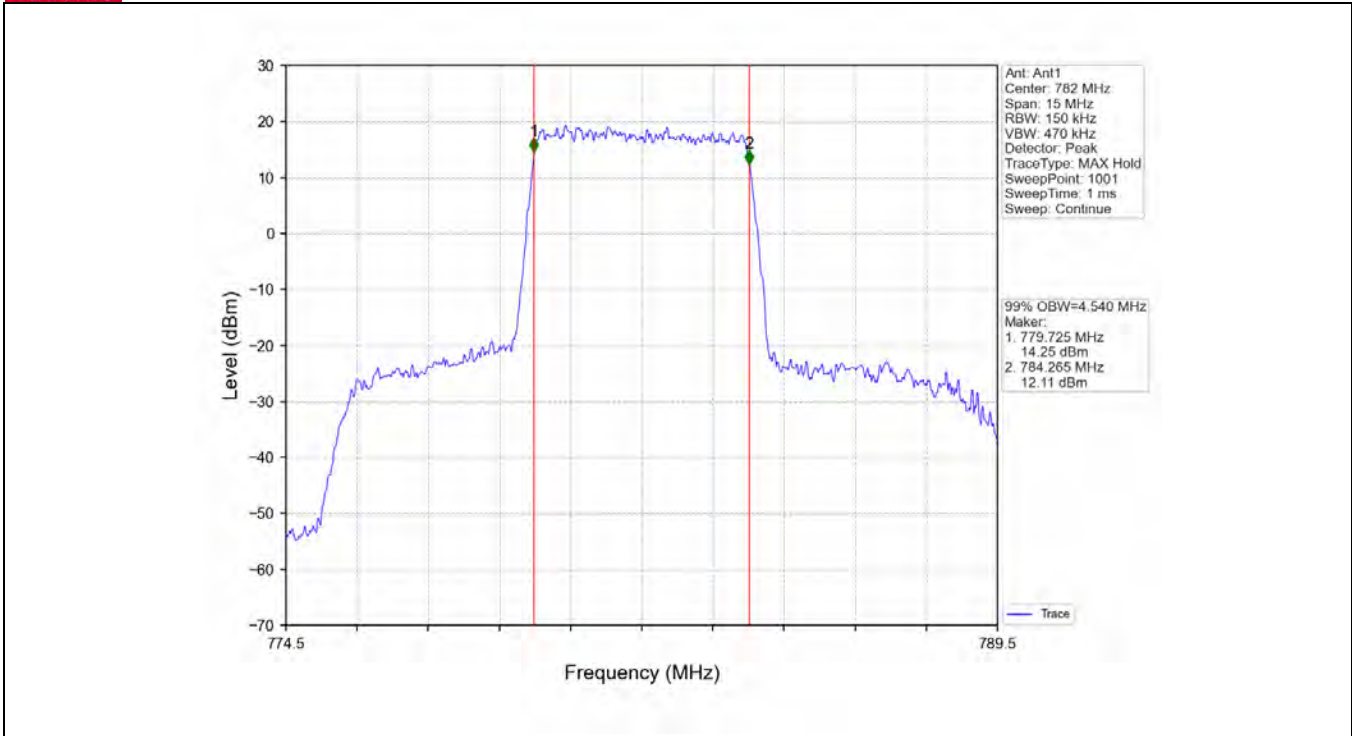
2.7.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.529	4.540	4.569	/	Pass
16QAM	25	0	4.545	4.559	4.541	/	Pass
64QAM	25	0	4.549	4.569	4.548	/	Pass
Band: 13 / Bandwidth: 10MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	/	8.991	/	/	Pass
16QAM	50	0	/	9.019	/	/	Pass
64QAM	50	0	/	9.018	/	/	Pass



### 2.7.2 Test Graph





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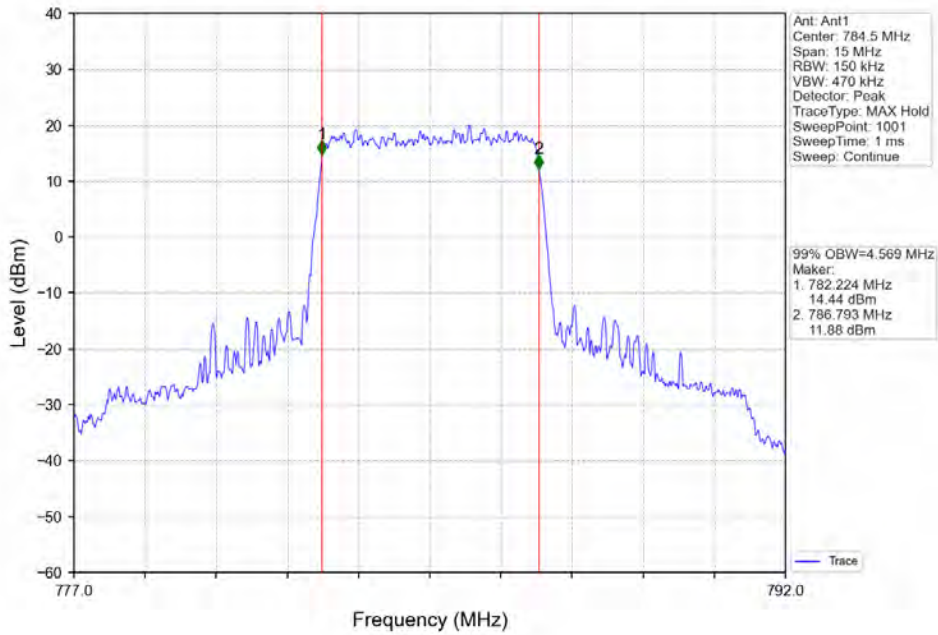
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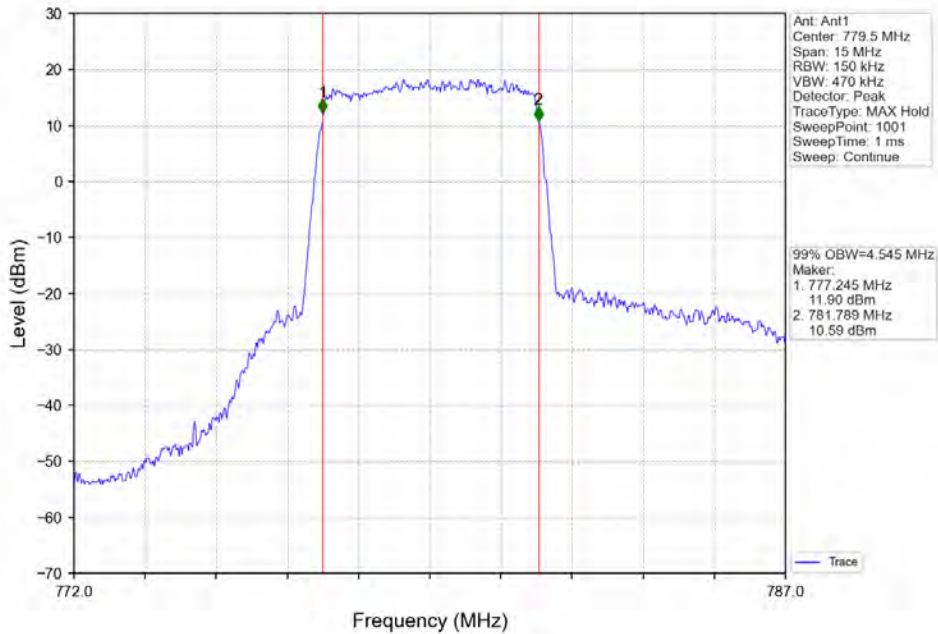
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 13 5MHz QPSK HCH 784.5MHz RB 25 0 NTVN

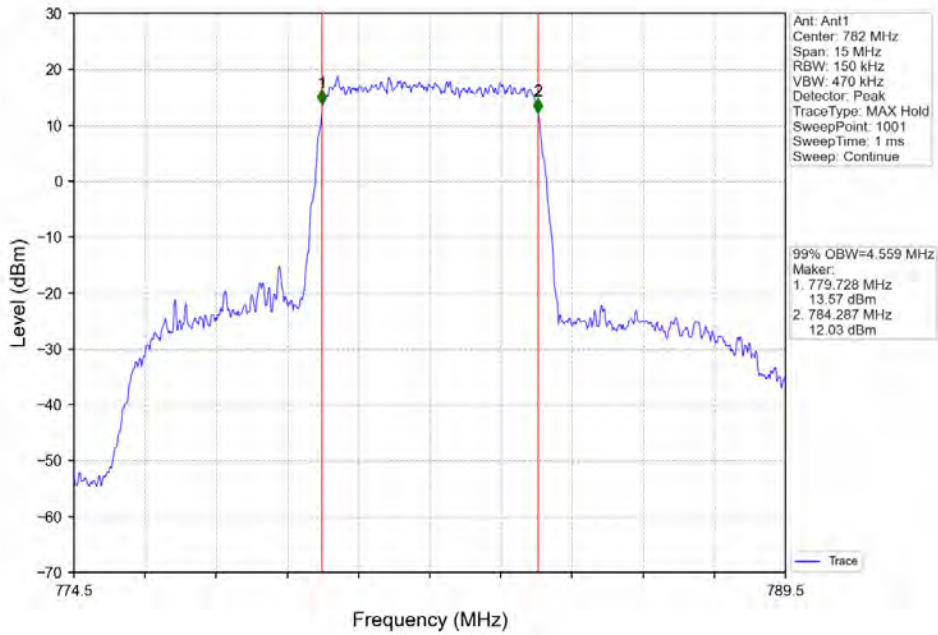


Band 13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTVN

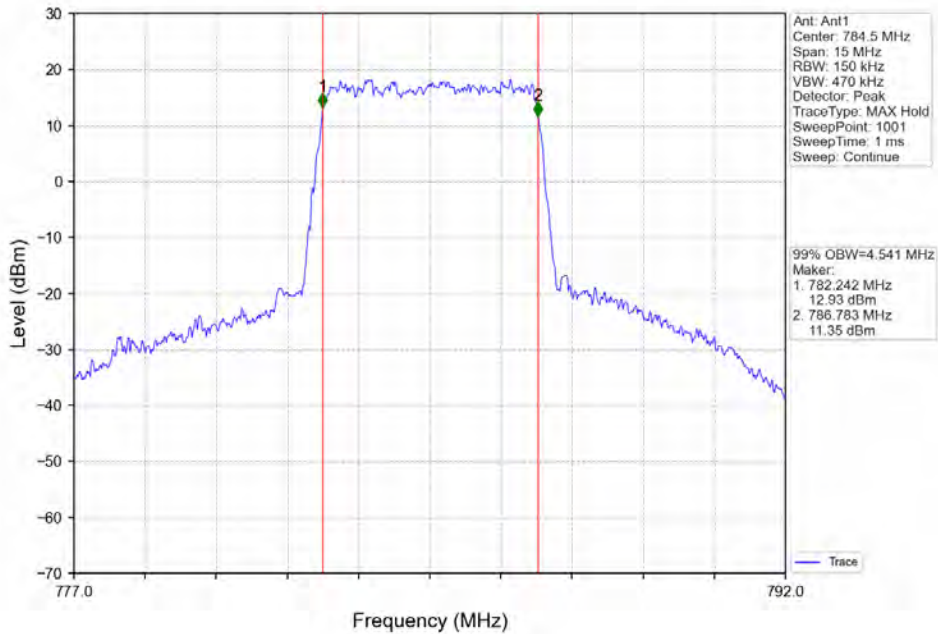


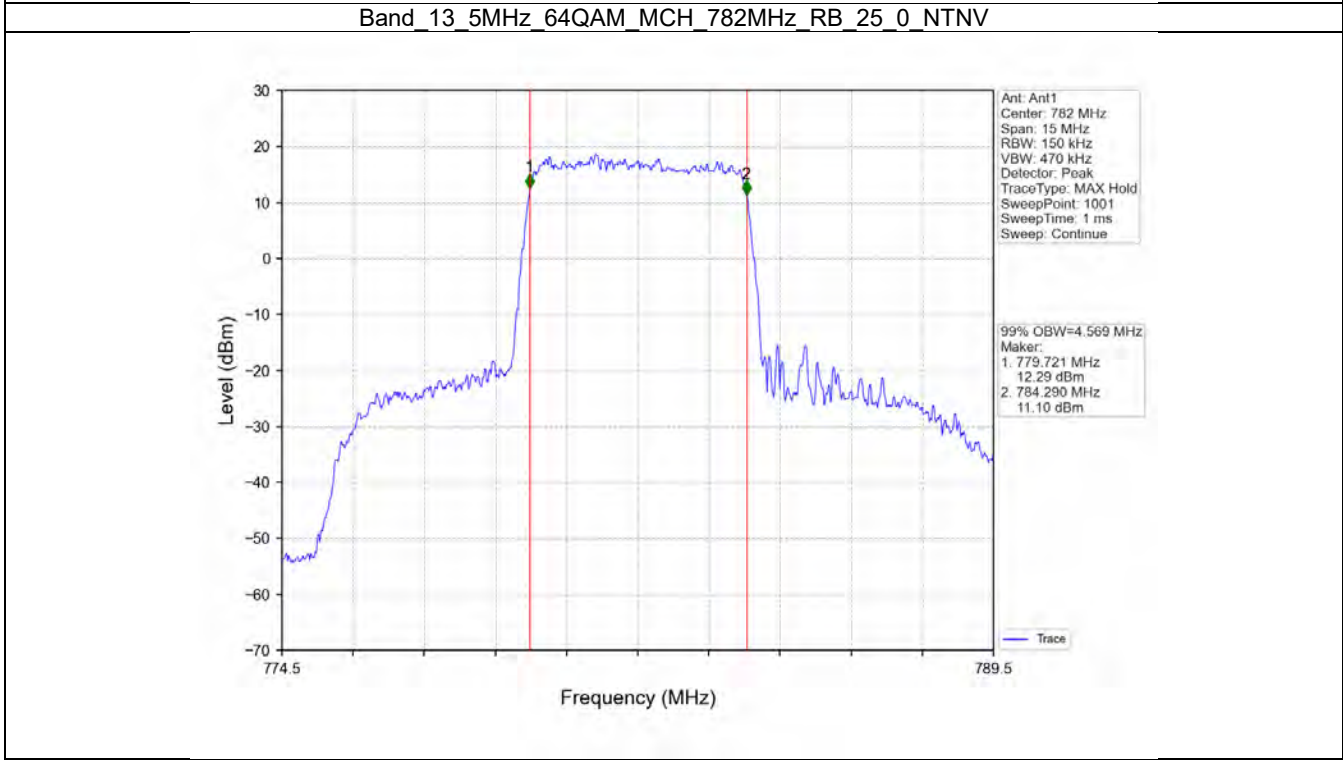
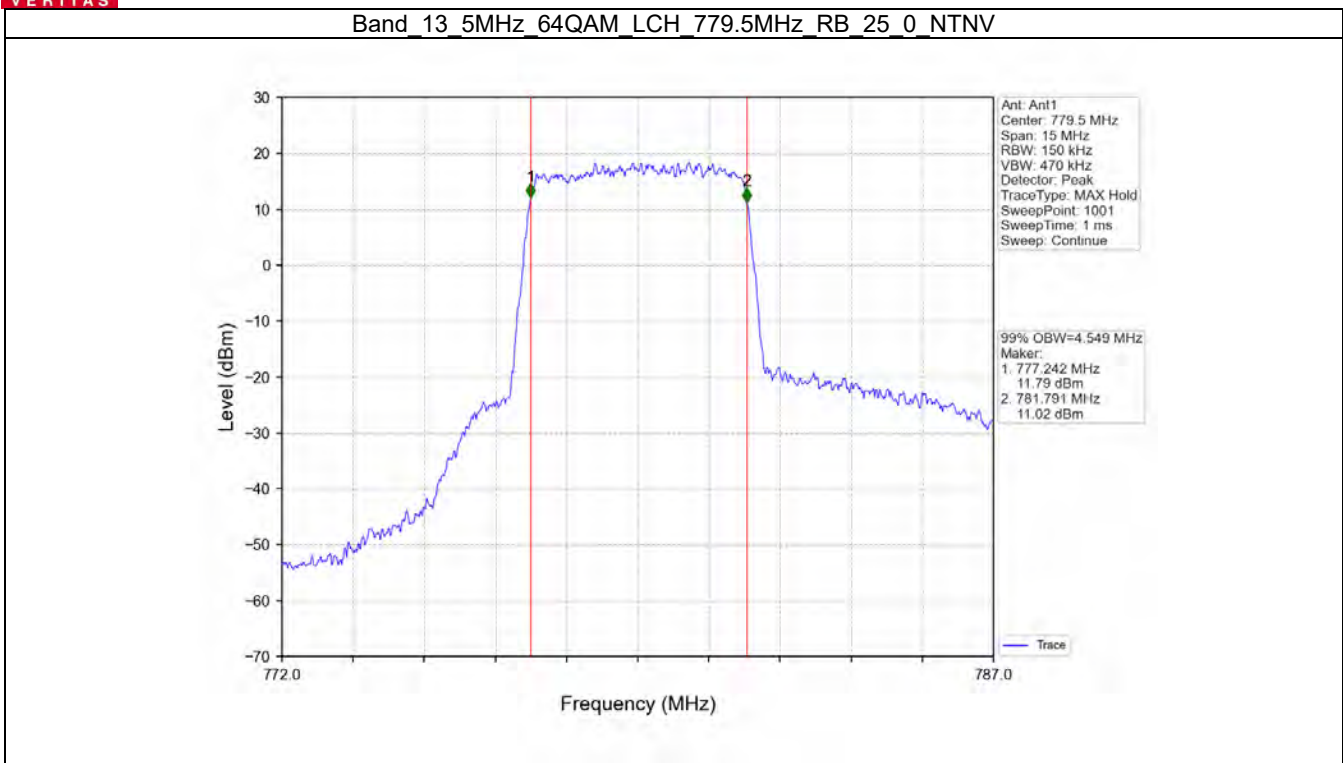


Band 13 5MHz 16QAM MCH 782MHz RB 25 0 NTNV



Band 13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTNV





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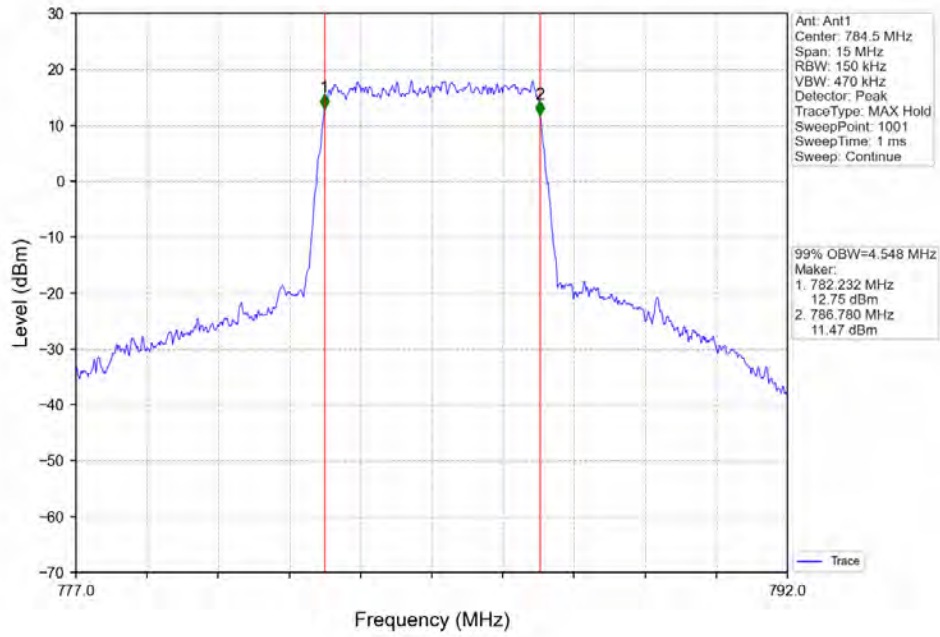
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**BUREAU**  
**VERITAS**

**Test Report No.: W7L-P20210616-3RF03**

Band 13 5MHz 64QAM HCH 784.5MHz RB 25.0 NTNV



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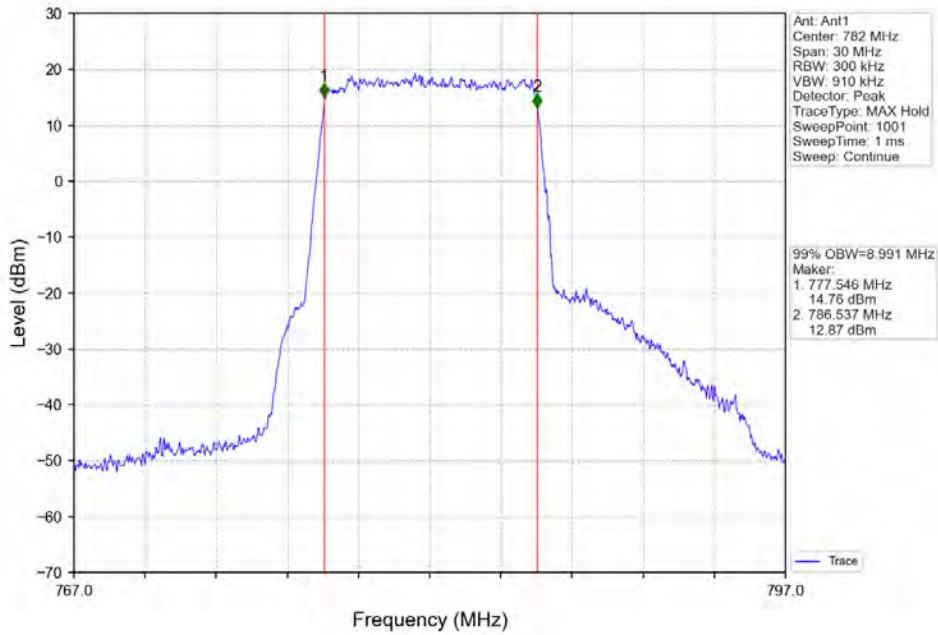
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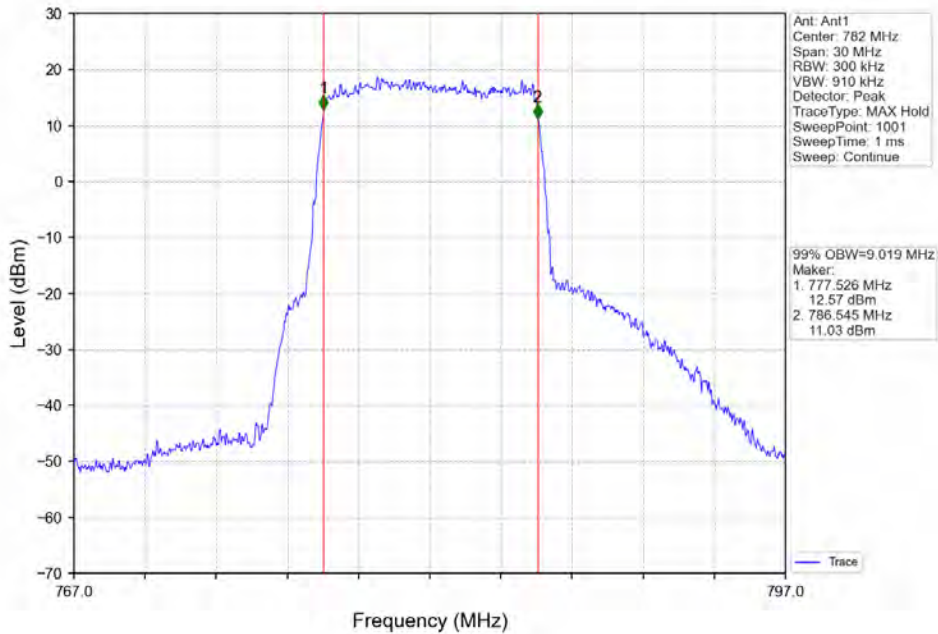
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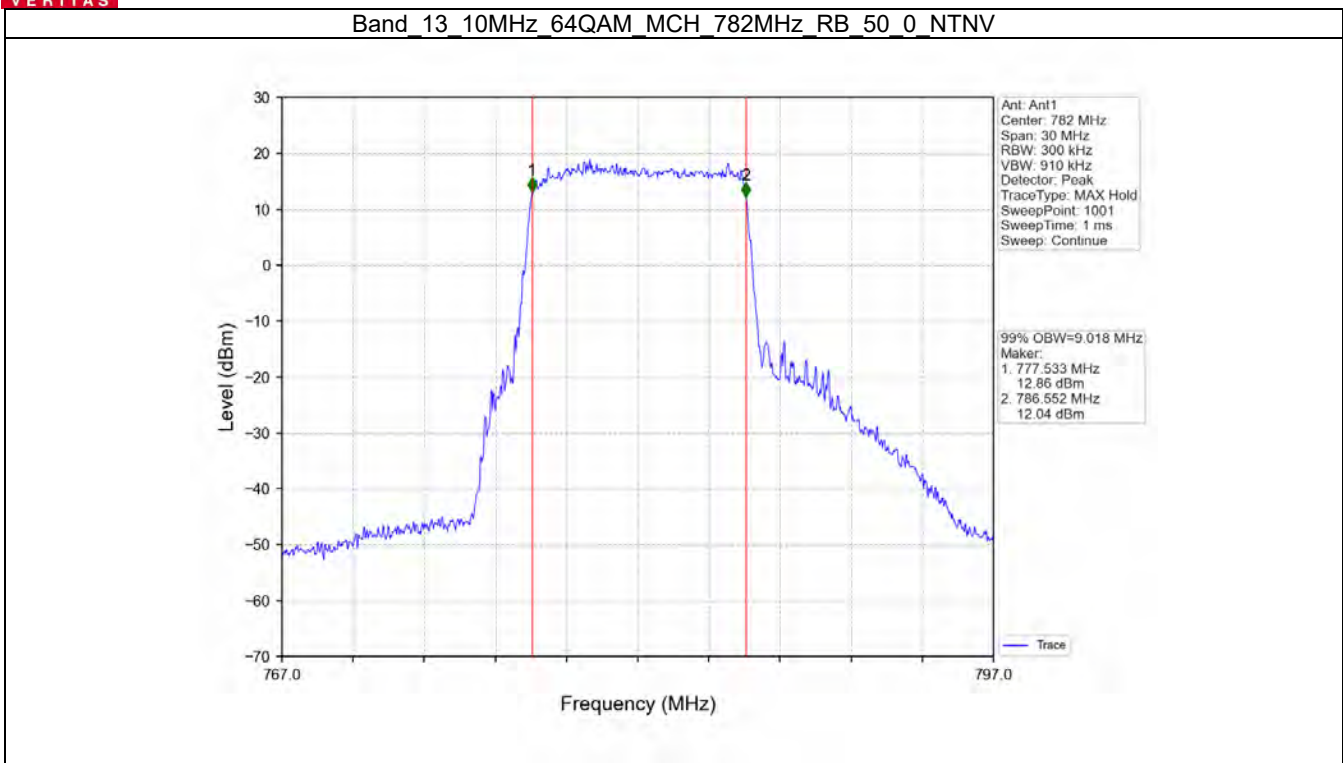
**Band 13 10MHz QPSK MCH 782MHz RB 50 0 NTVN**



**Band 13 10MHz 16QAM MCH 782MHz RB 50 0 NTVN**









**BUREAU VERITAS** Test Report No.: W7L-P20210616-3RF03

## 2.8 LTE Band 13 26DB

### 2.8.1 Test Result

Band: 13 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.004	5.010	5.017	/	Pass
16QAM	25	0	5.057	5.061	5.048	/	Pass
64QAM	25	0	5.070	5.057	5.044	/	Pass
Band: 13 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	/	9.992	/	/	Pass
16QAM	50	0	/	9.906	/	/	Pass
64QAM	50	0	/	9.914	/	/	Pass

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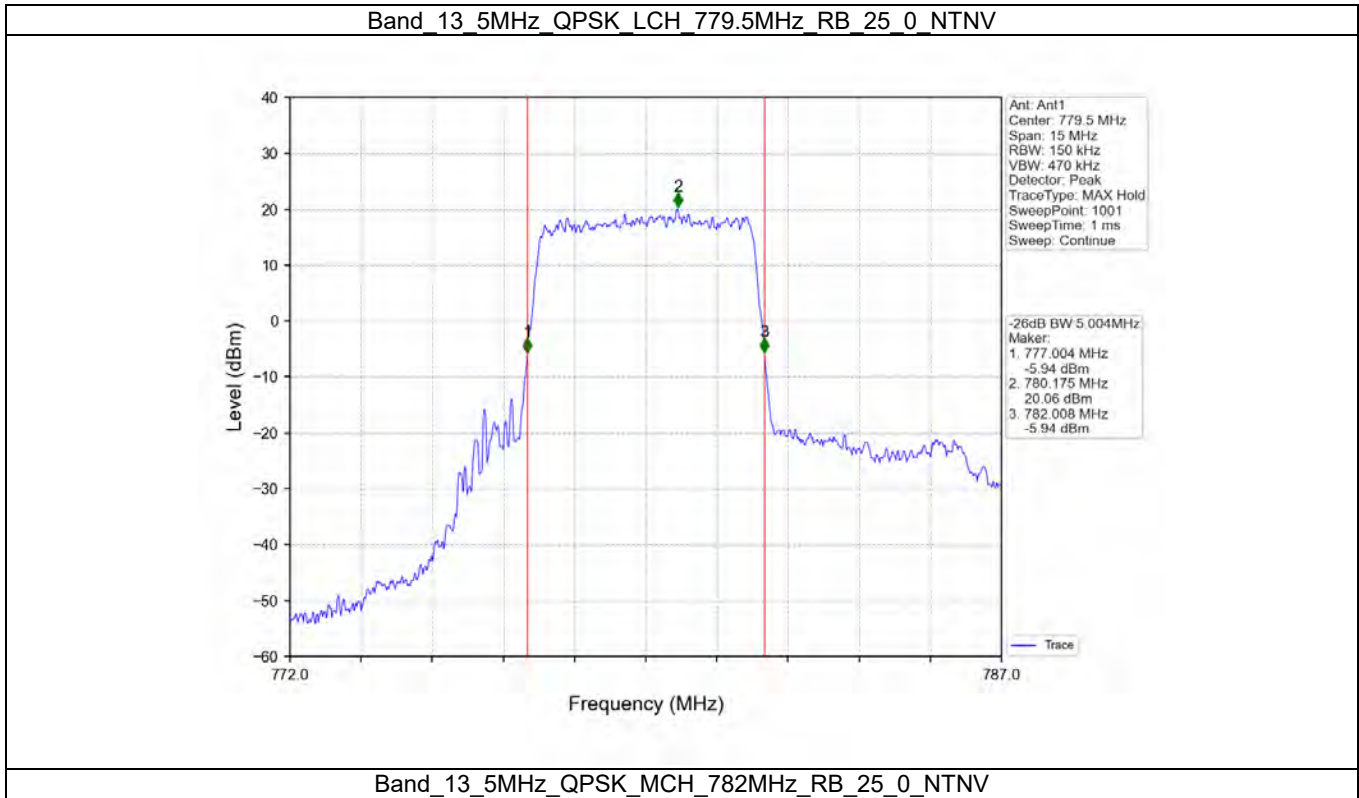
Tel: +86 755 8869 6566

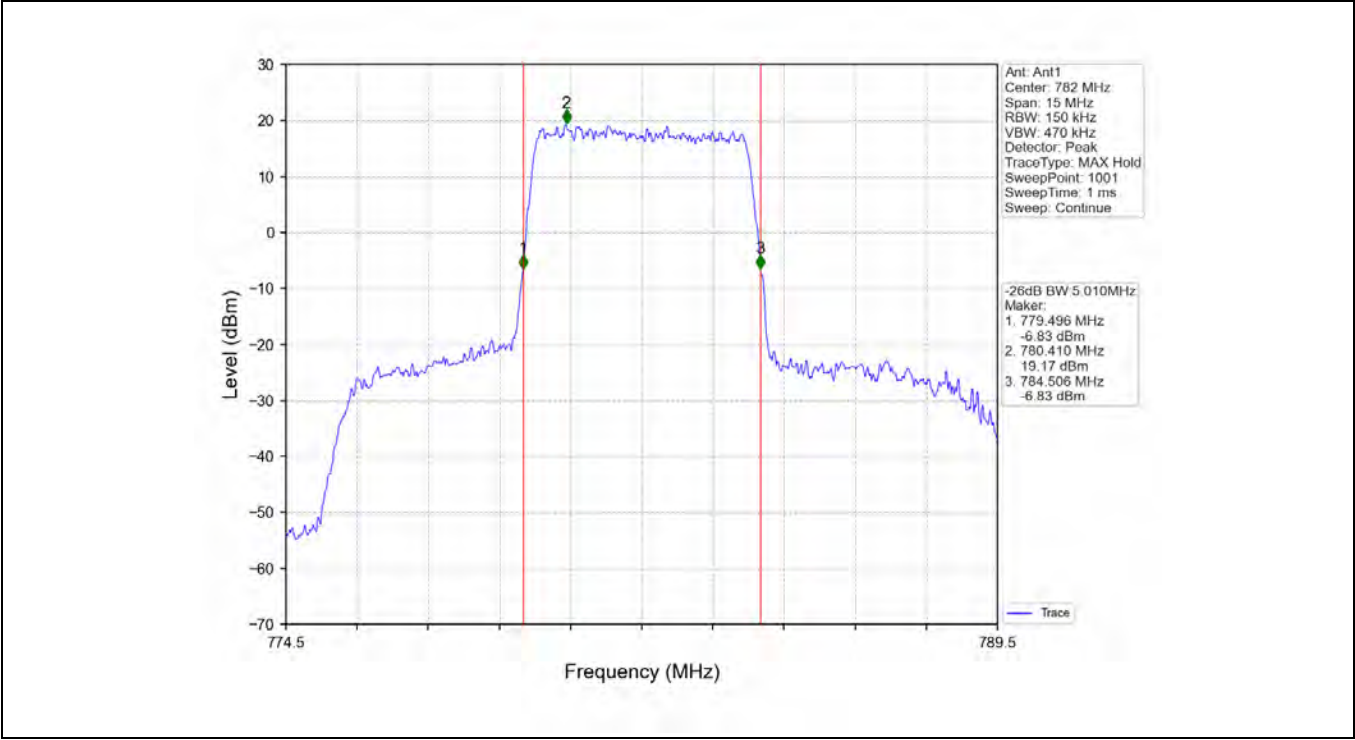
Fax: +86 755 8869 6577

Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



2.8.2 Test Graph





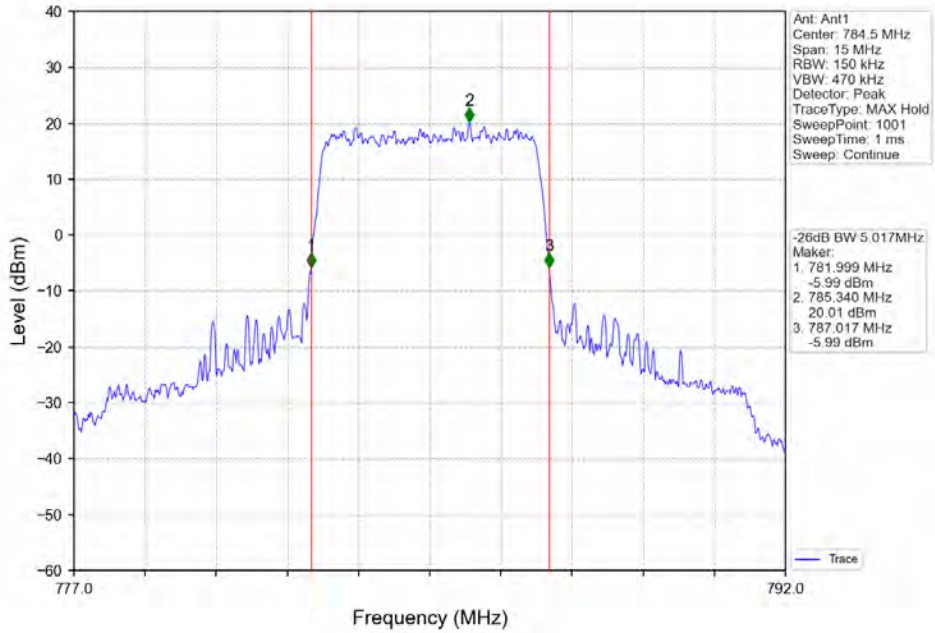
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Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

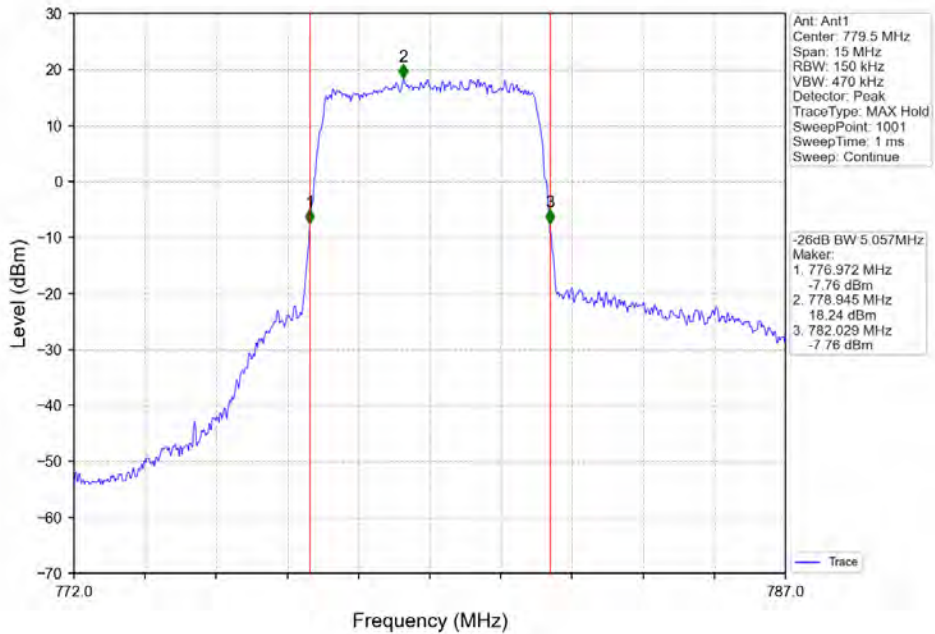
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Band 13 5MHz QPSK HCH 784.5MHz RB 25 0 NTVN

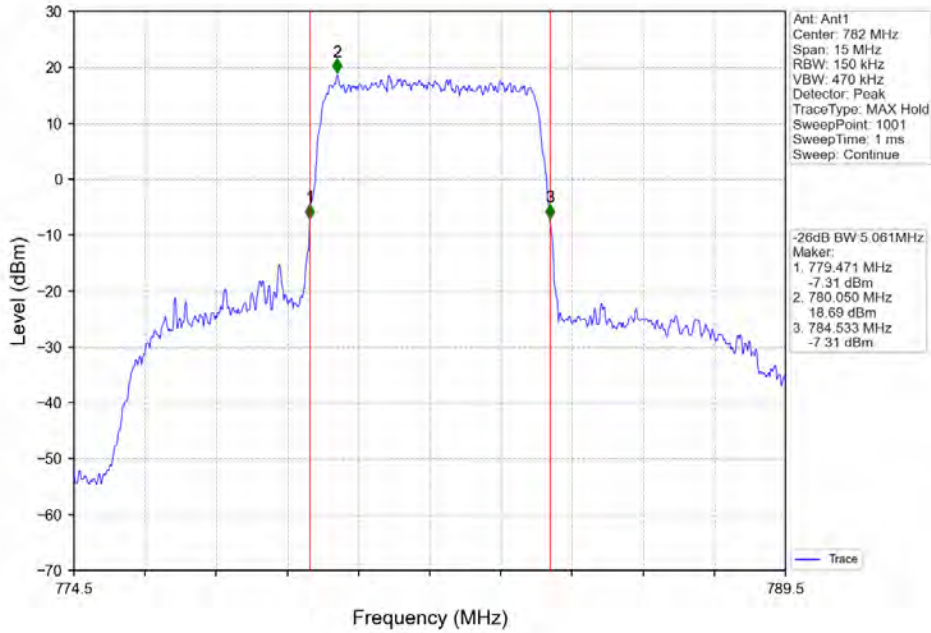


Band 13 5MHz 16QAM LCH 779.5MHz RB 25 0 NTVN

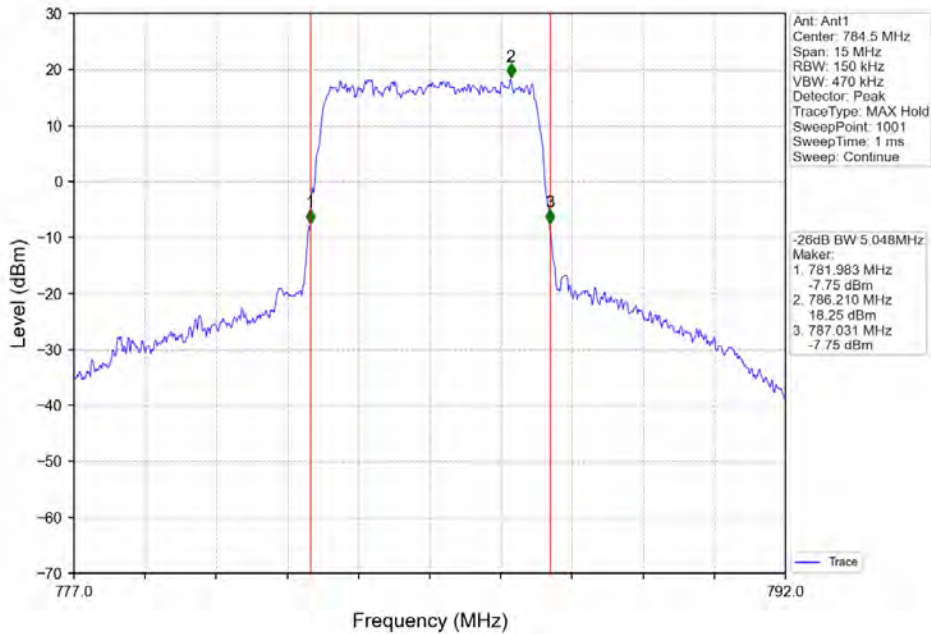




Band 13 5MHz 16QAM MCH 782MHz RB 25 0 NTV



Band 13 5MHz 16QAM HCH 784.5MHz RB 25 0 NTV



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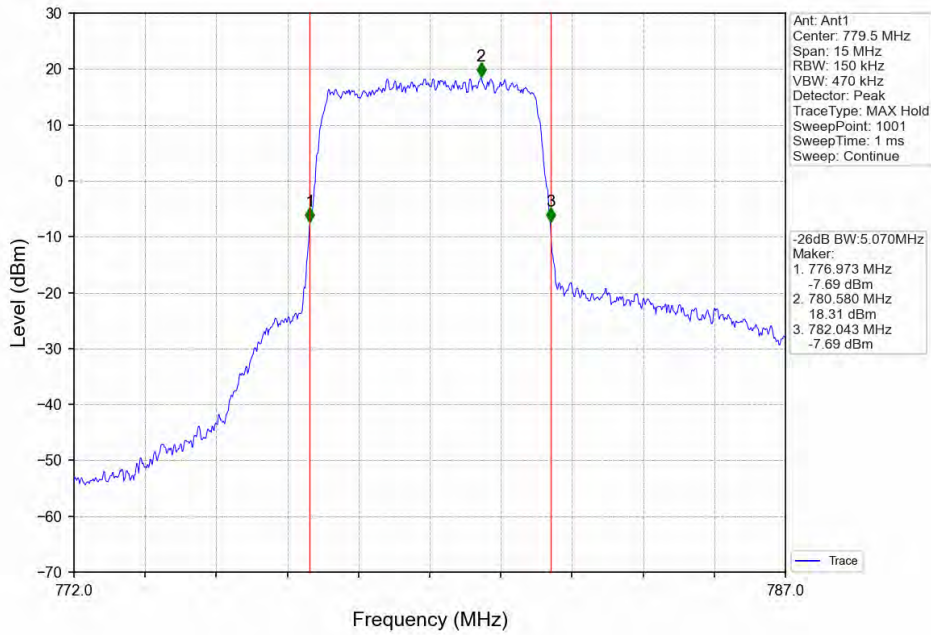
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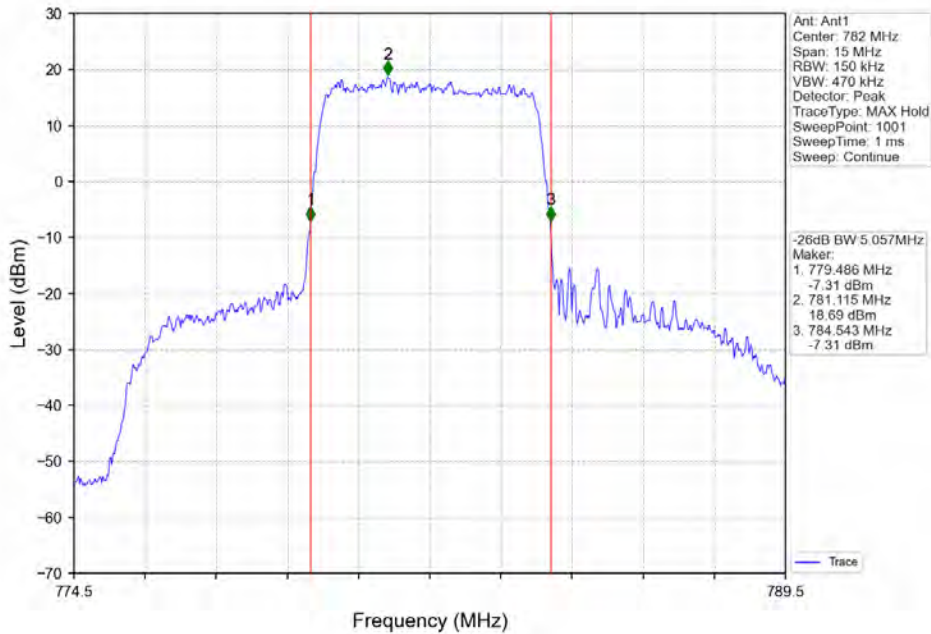
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**Band 13 5MHz 64QAM LCH 779.5MHz RB 25 0 NTNV**



**Band 13 5MHz 64QAM MCH 782MHz RB 25 0 NTNV**



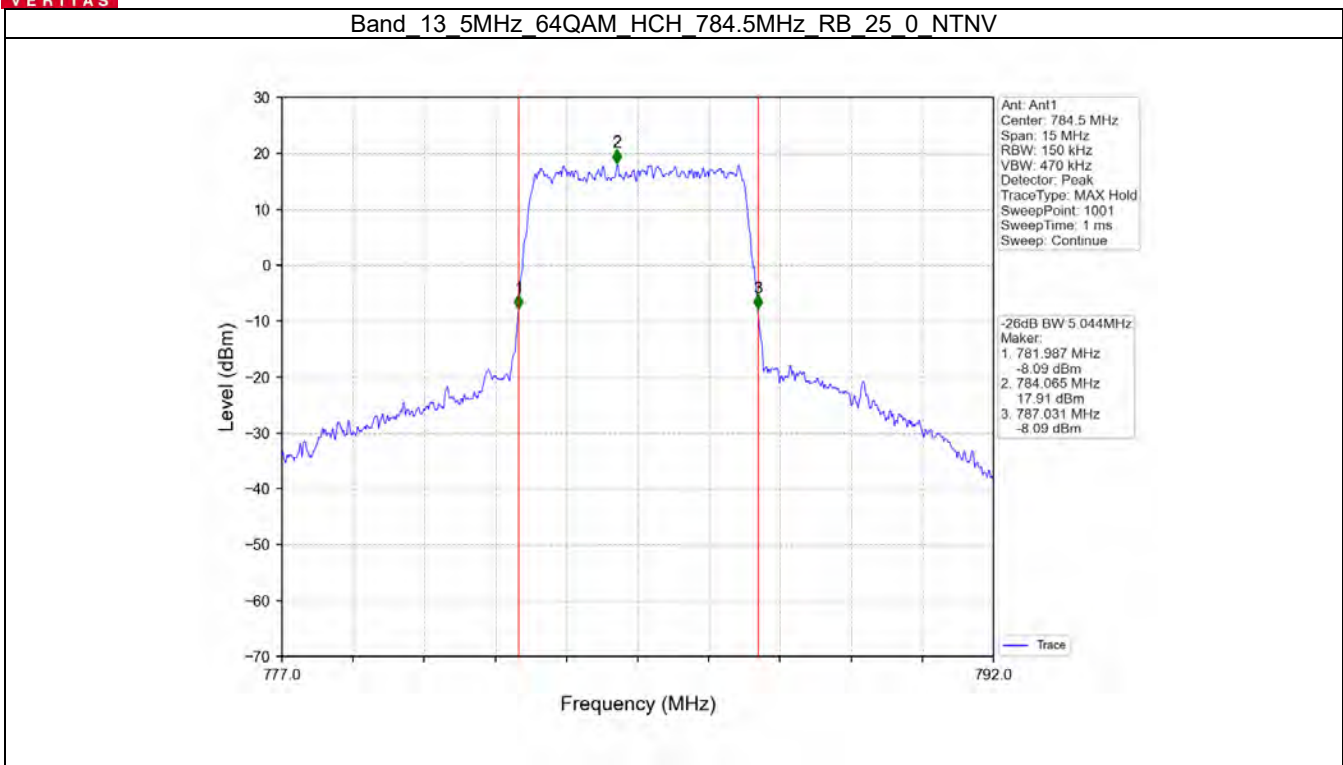
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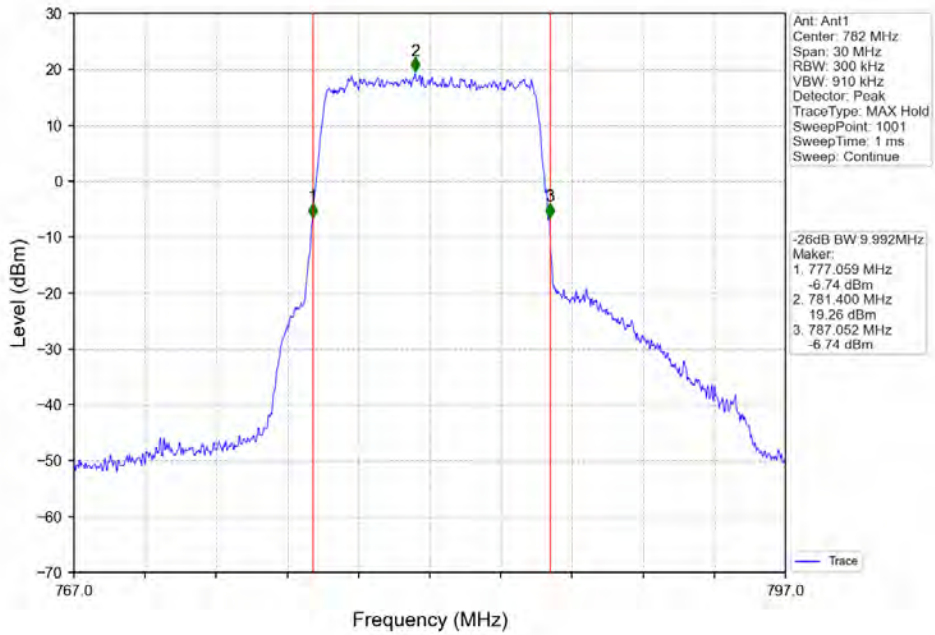
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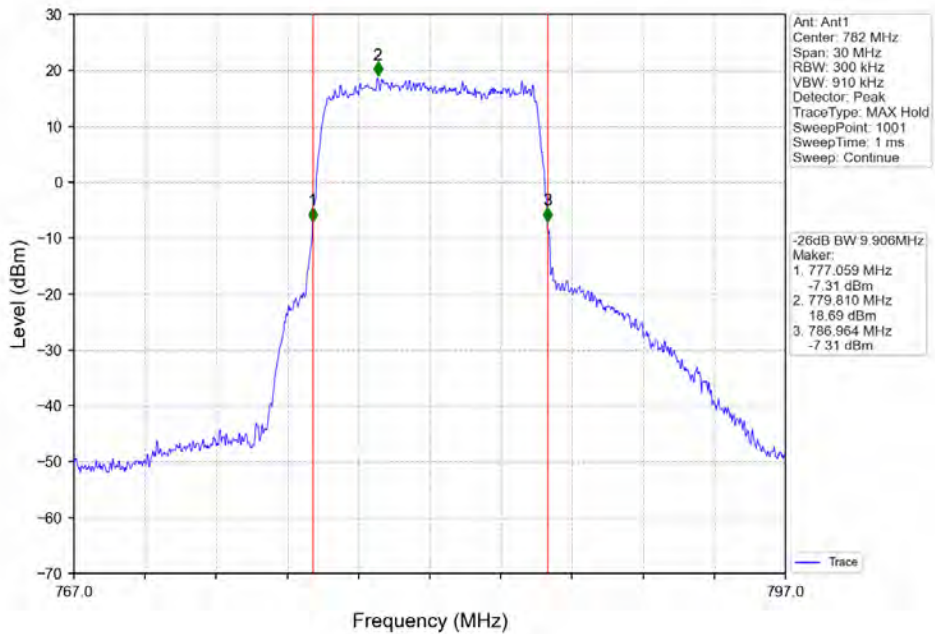


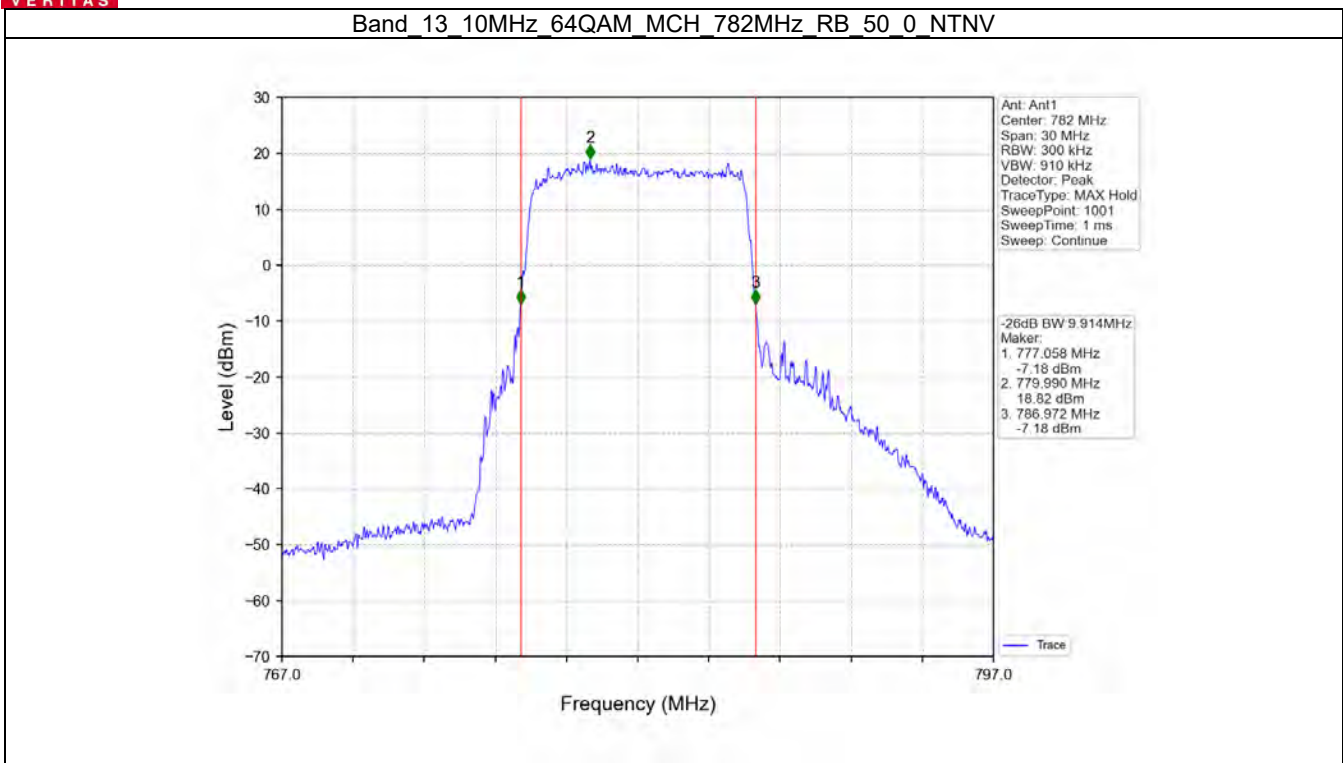


**Band 13 10MHz QPSK MCH 782MHz RB 50 0 NTNV**



**Band 13 10MHz 16QAM MCH 782MHz RB 50 0 NTNV**





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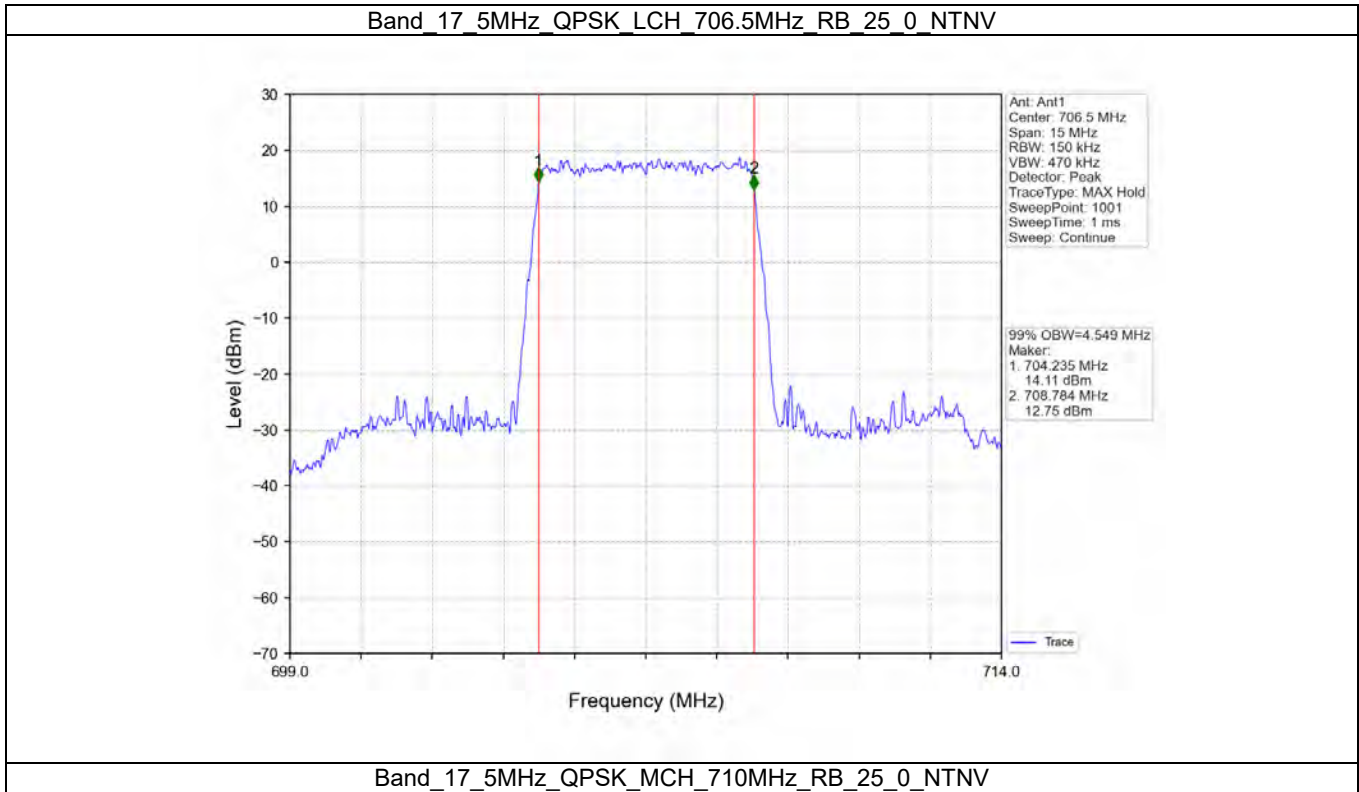
2.9 LTE Band 17 OBW

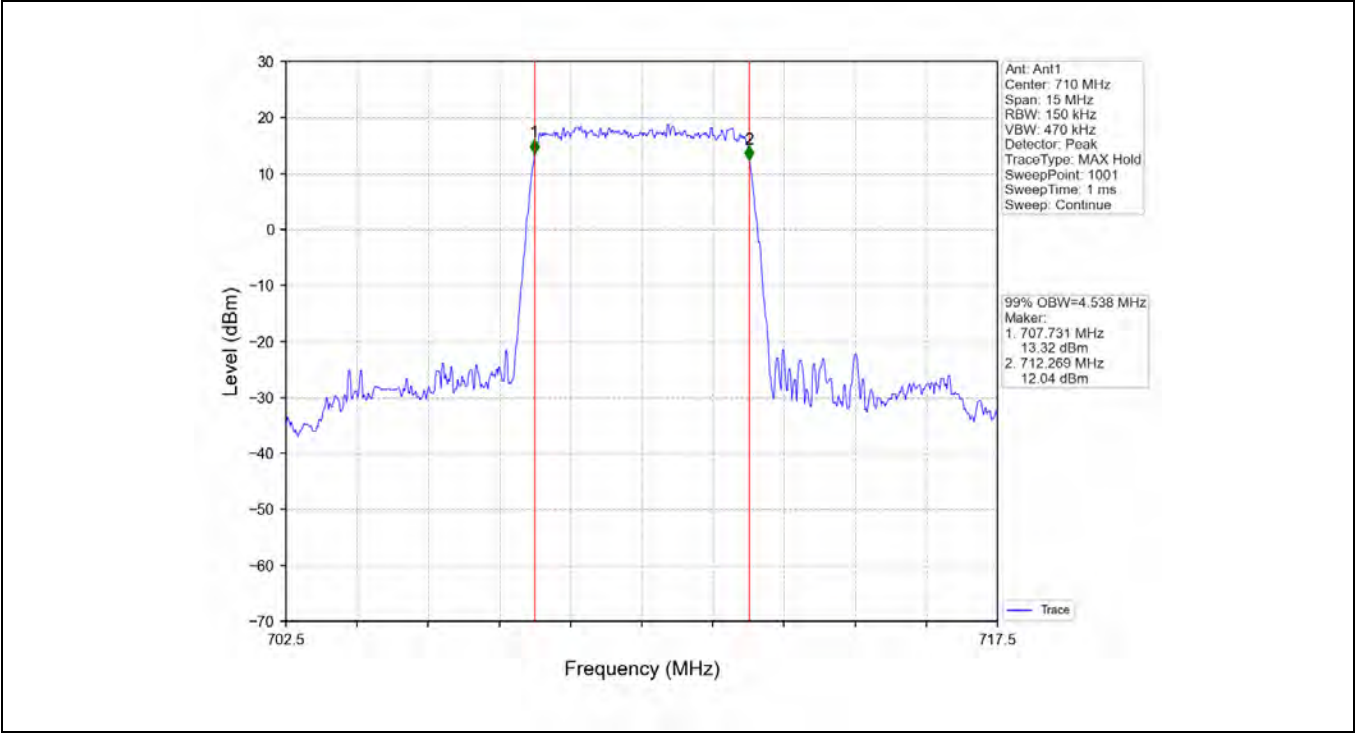
2.9.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.549	4.538	4.554	/	Pass
16QAM	25	0	4.566	4.570	4.527	/	Pass
64QAM	25	0	4.567	4.563	4.533	/	Pass
Band: 17 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.026	9.014	9.022	/	Pass
16QAM	50	0	9.052	9.016	9.021	/	Pass
64QAM	50	0	9.010	9.035	9.008	/	Pass



2.9.2 Test Graph

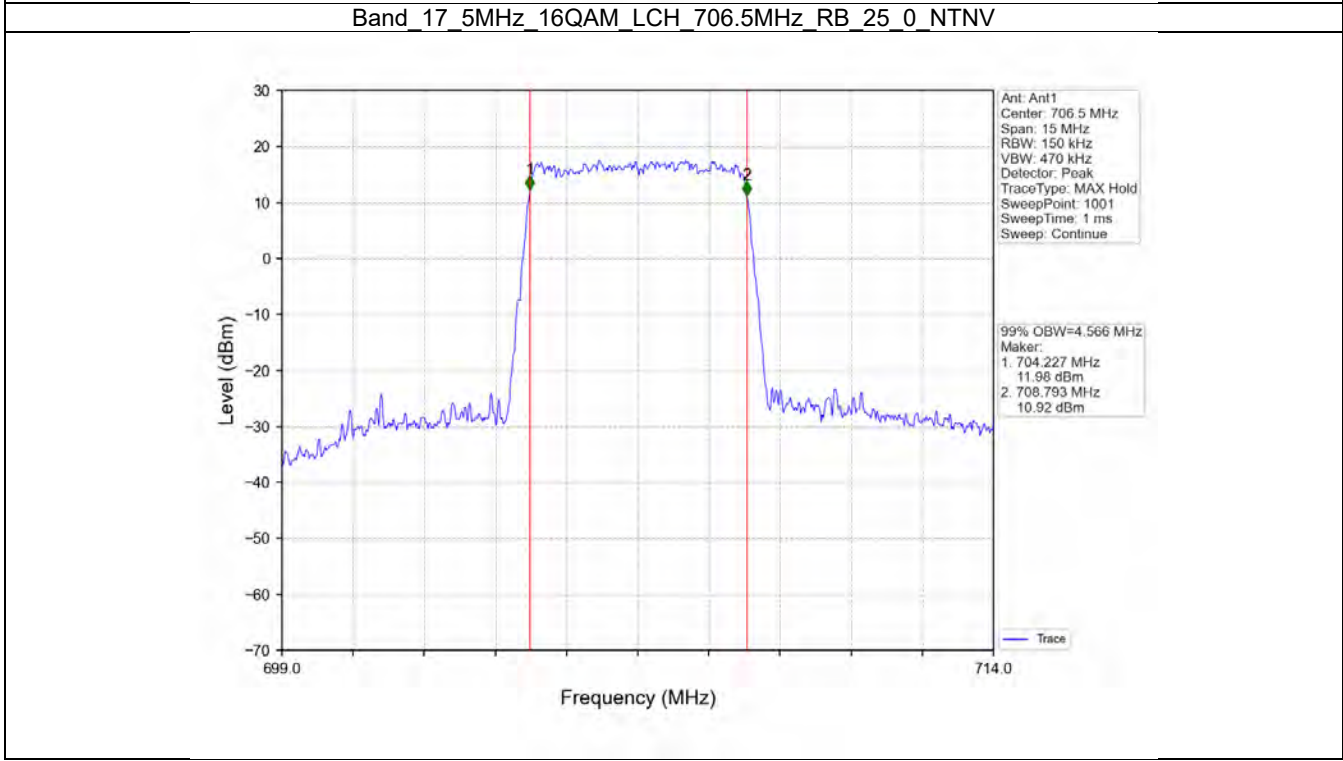
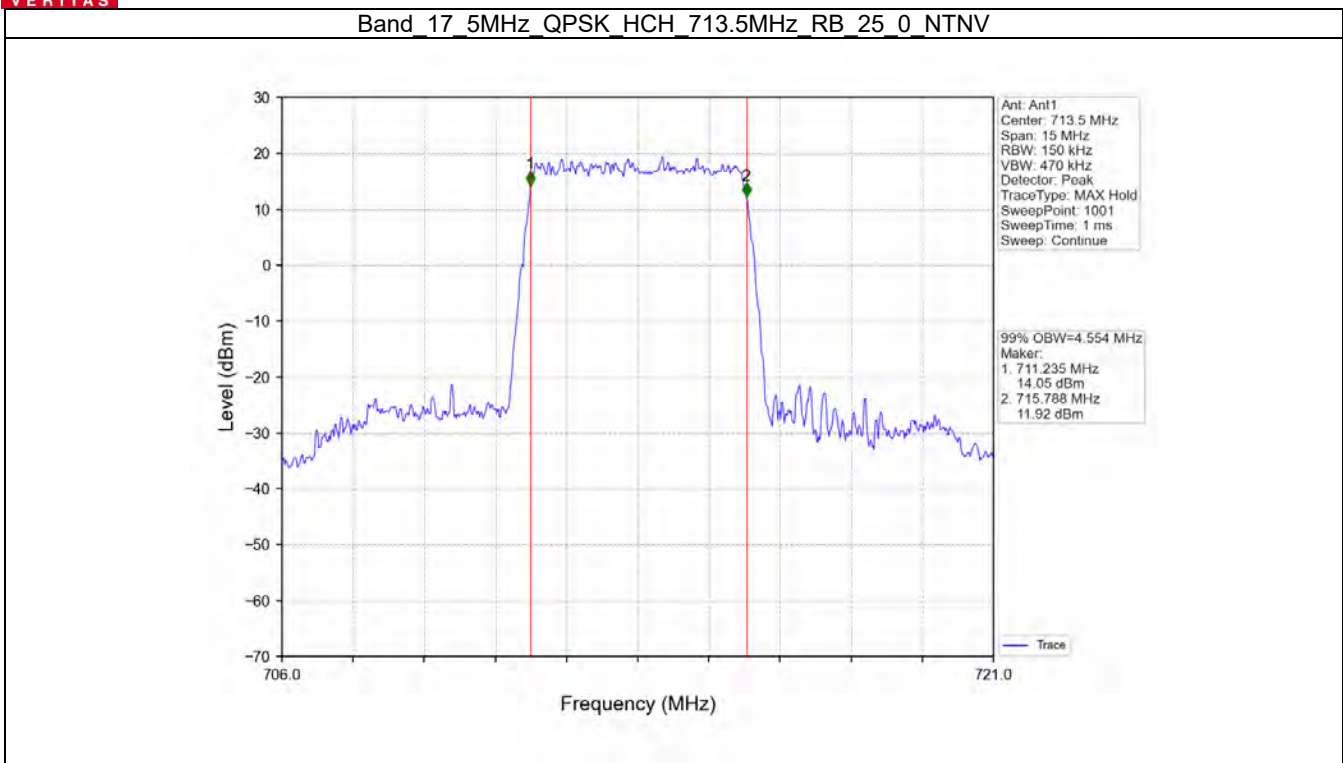




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District, Shenzhen, Guangdong, China

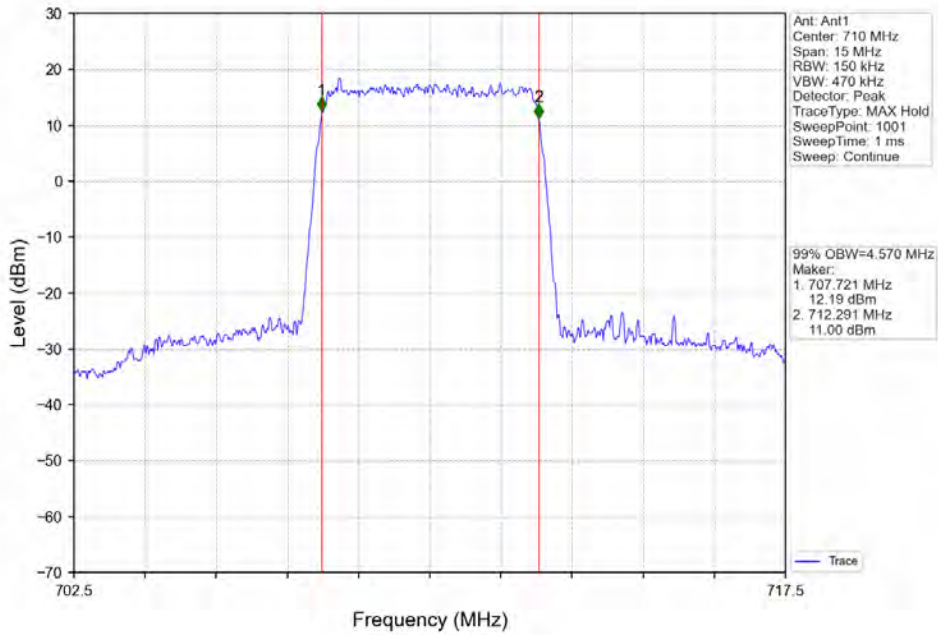
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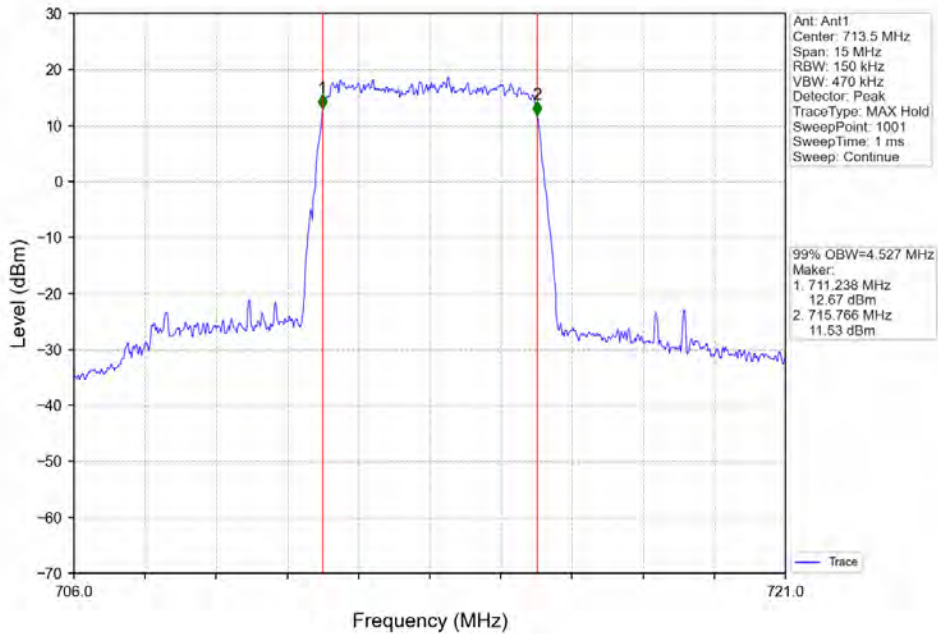
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Band 17 5MHz 16QAM MCH 710MHz RB 25 0 NTVN



Band 17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTVN



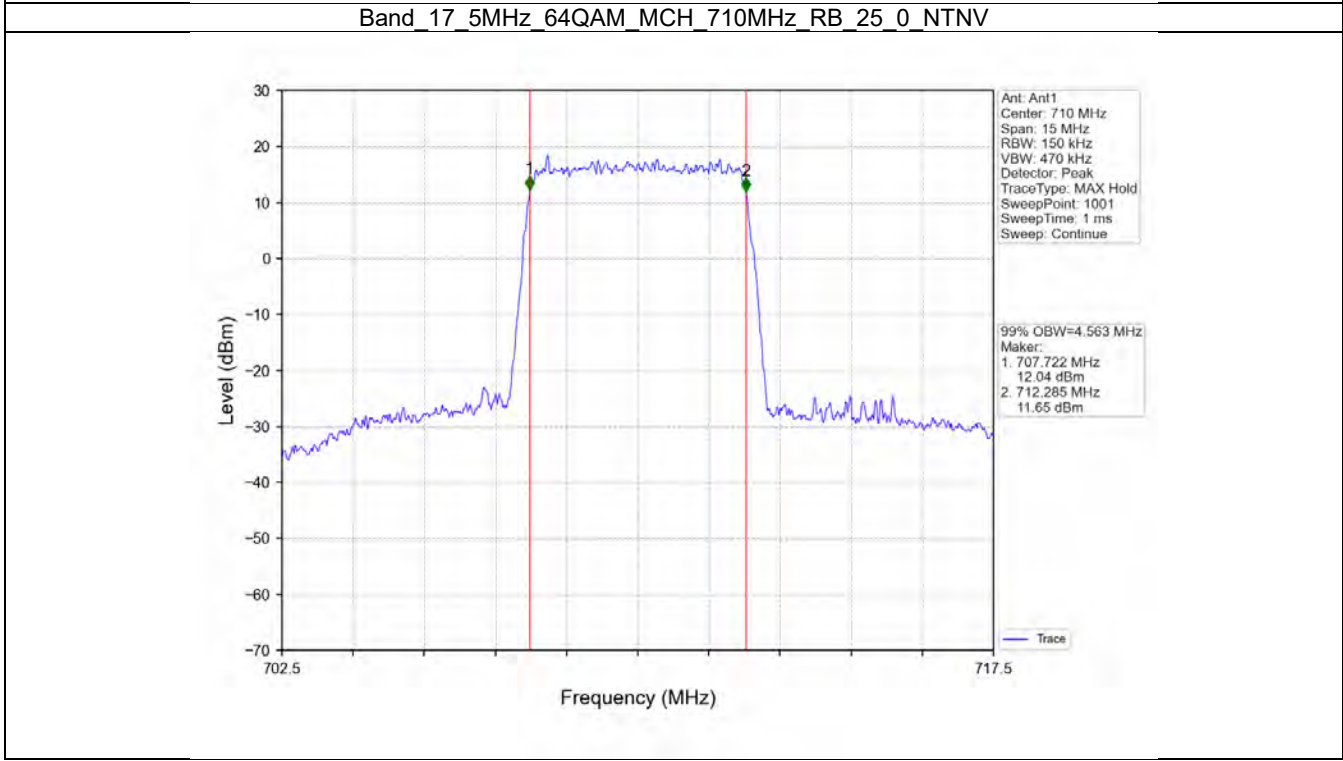
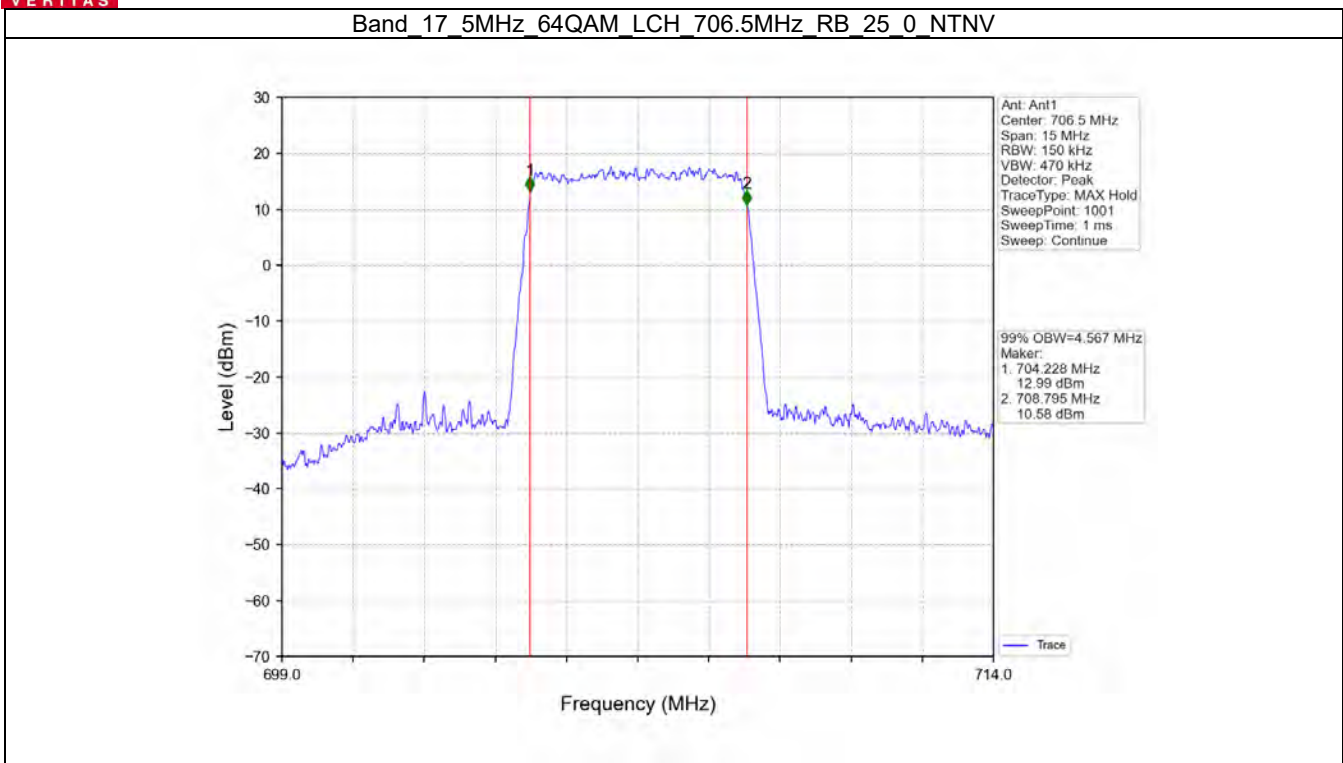
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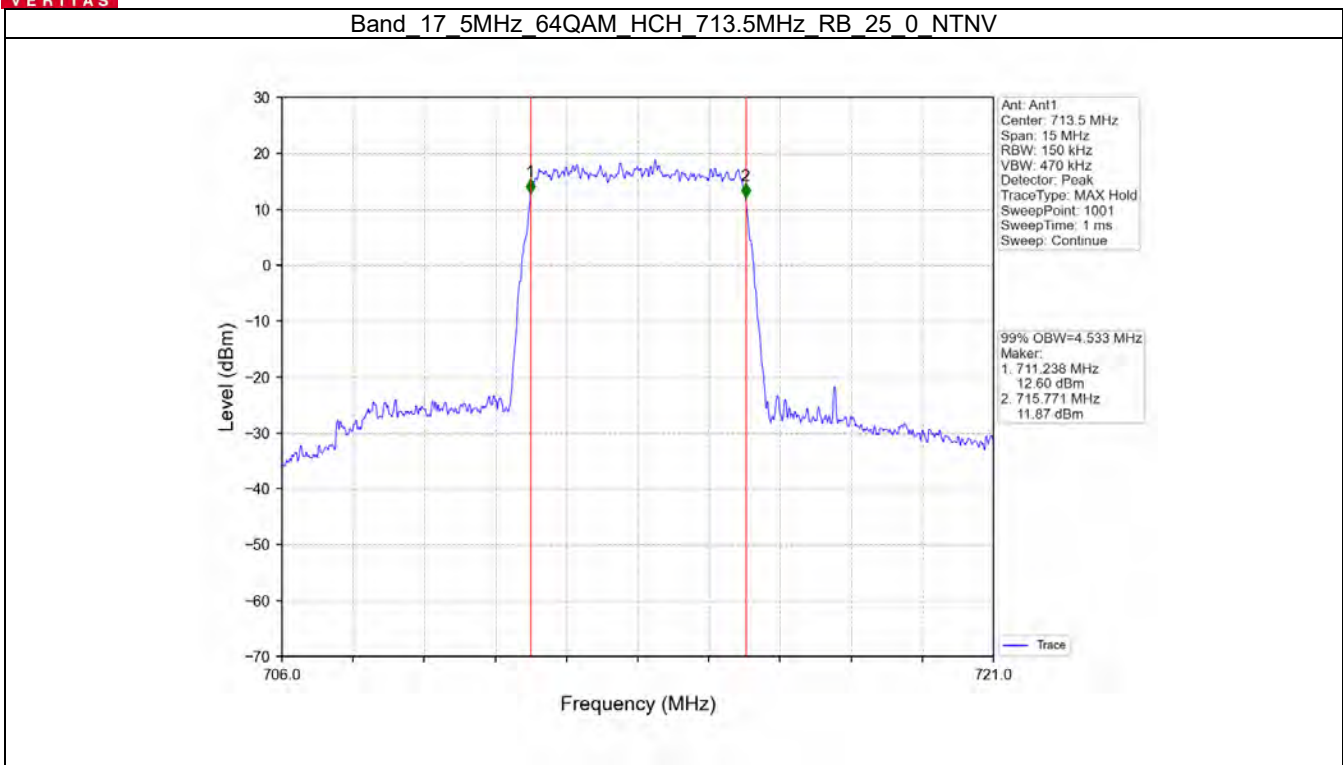
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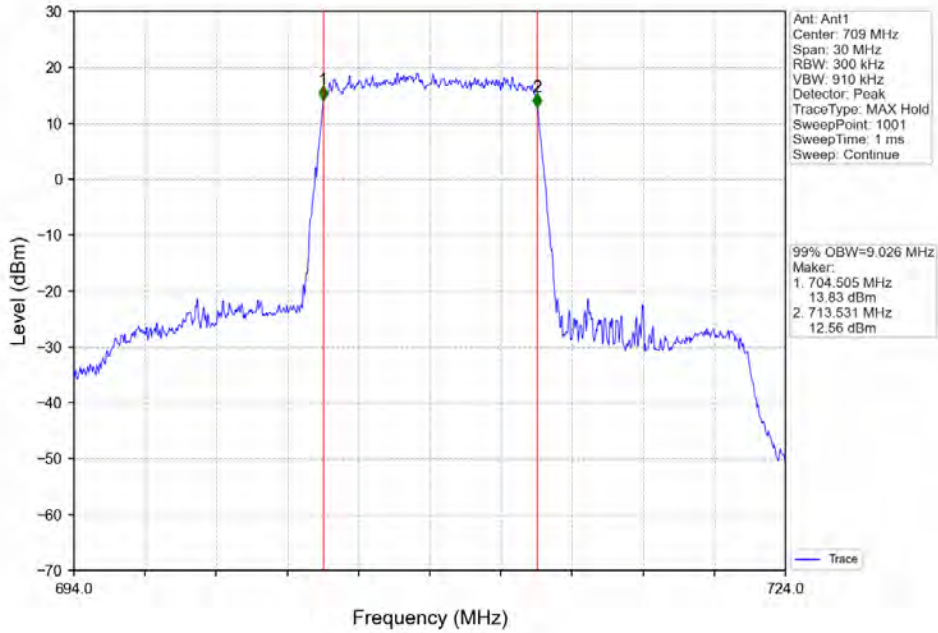
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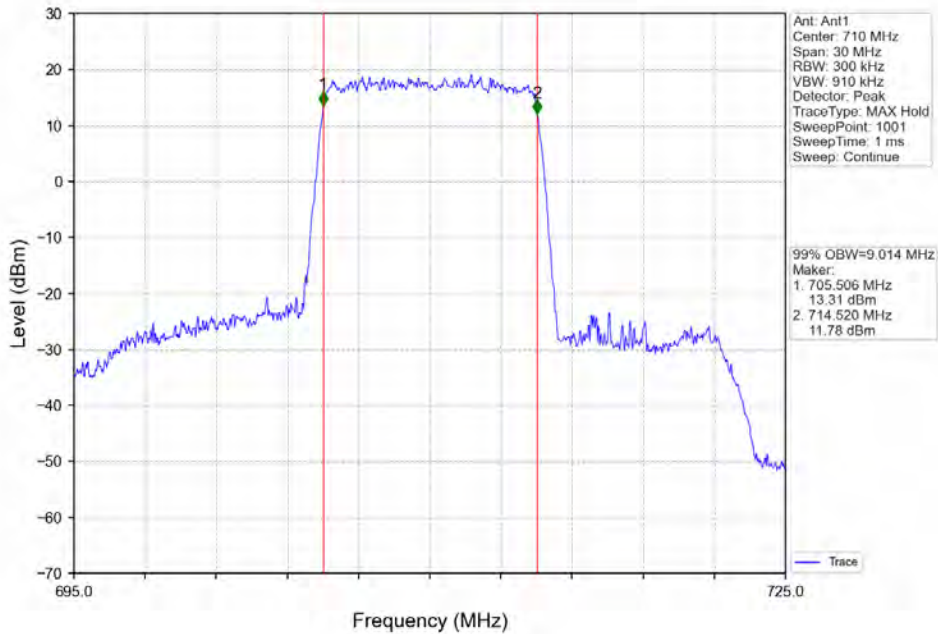
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Band 17 10MHz QPSK LCH 709MHz RB 50 0 NTV

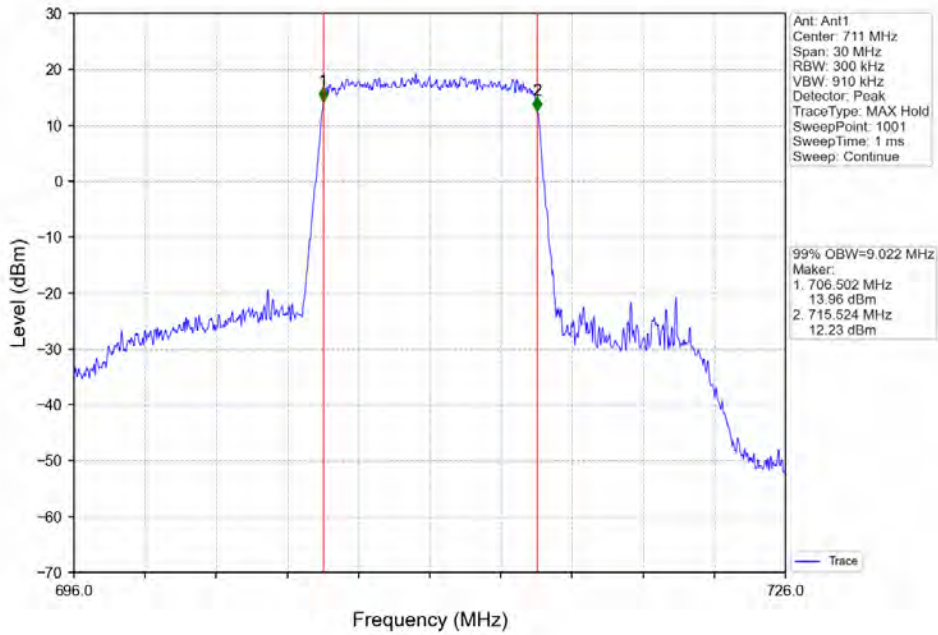


Band 17 10MHz QPSK MCH 710MHz RB 50 0 NTV

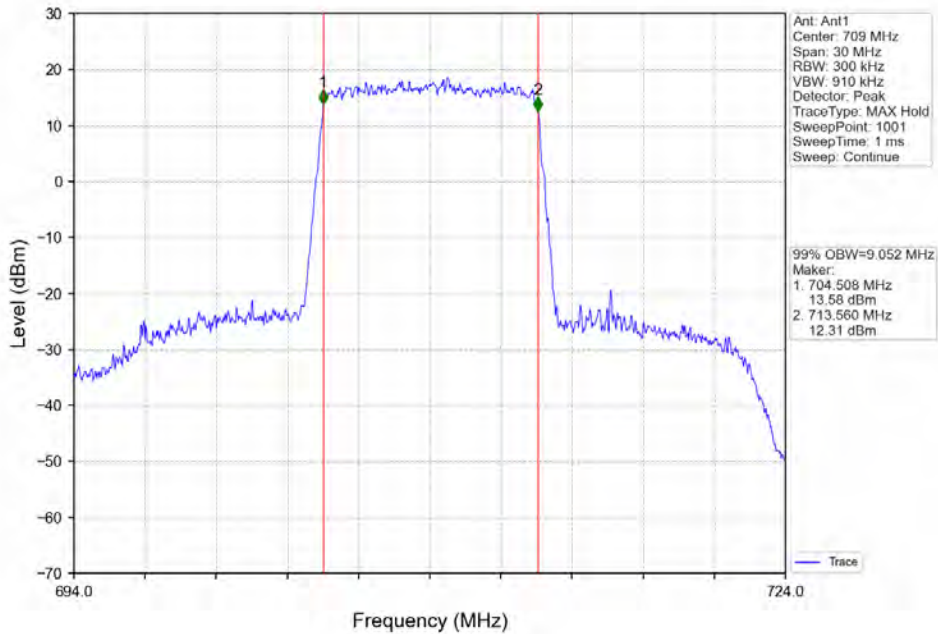




Band 17 10MHz QPSK HCH 711MHz RB 50 0 NTV

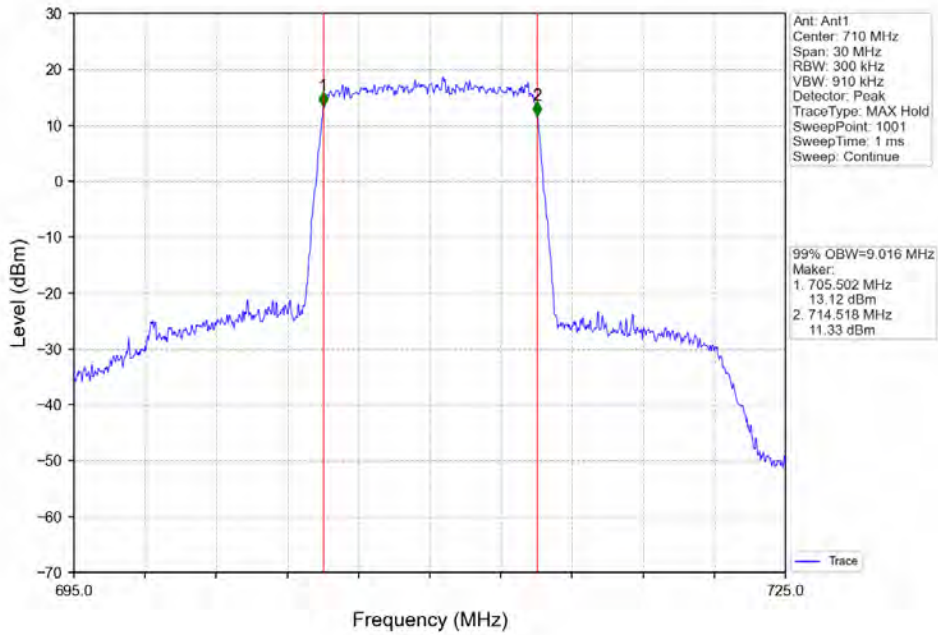


Band 17 10MHz 16QAM LCH 709MHz RB 50 0 NTV

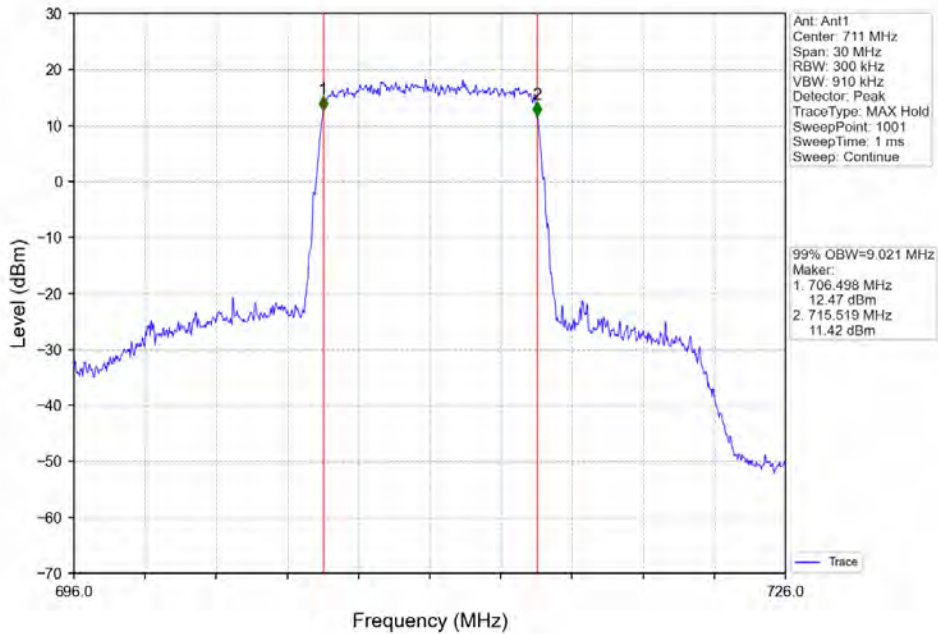




**Band 17 10MHz 16QAM MCH 710MHz RB 50 0 NTN**

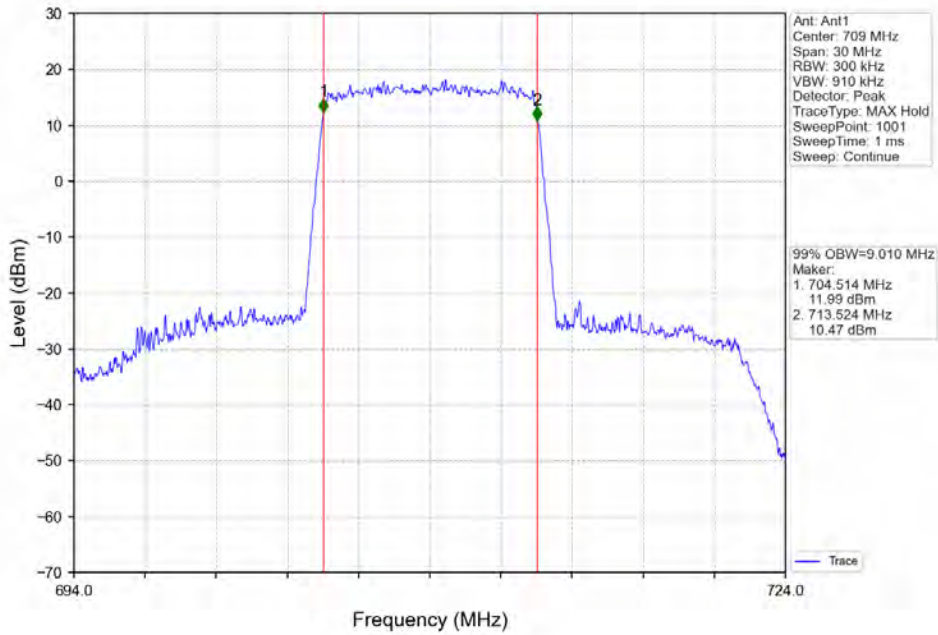


**Band 17 10MHz 16QAM HCH 711MHz RB 50 0 NTN**

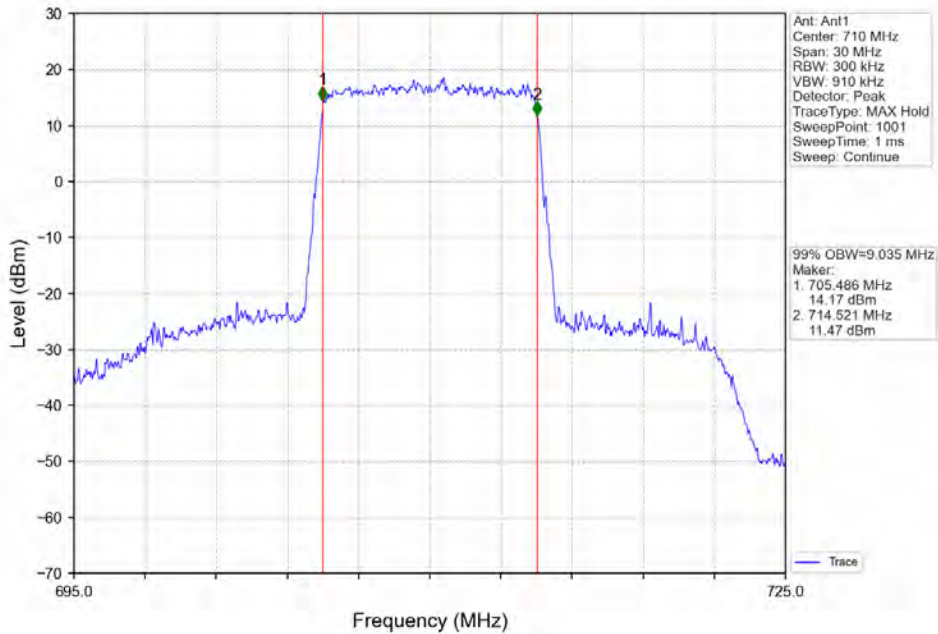




Band 17 10MHz 64QAM LCH 709MHz RB 50 0 NTVN



Band 17 10MHz 64QAM MCH 710MHz RB 50 0 NTVN

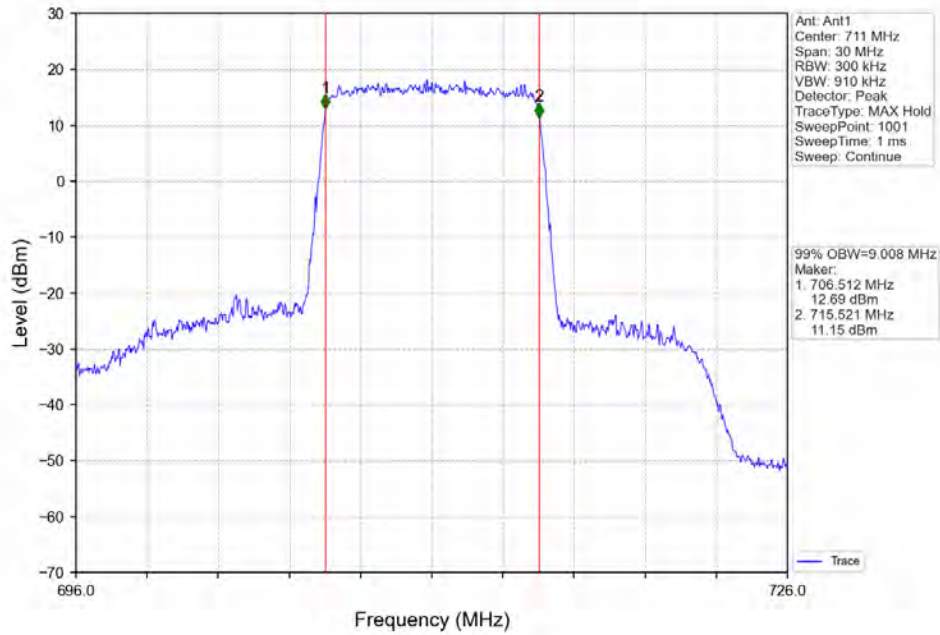




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**VERITAS**

**Test Report No.: W7L-P20210616-3RF03**

Band 17 10MHz 64QAM HCH 711MHz RB 50 0 NTN



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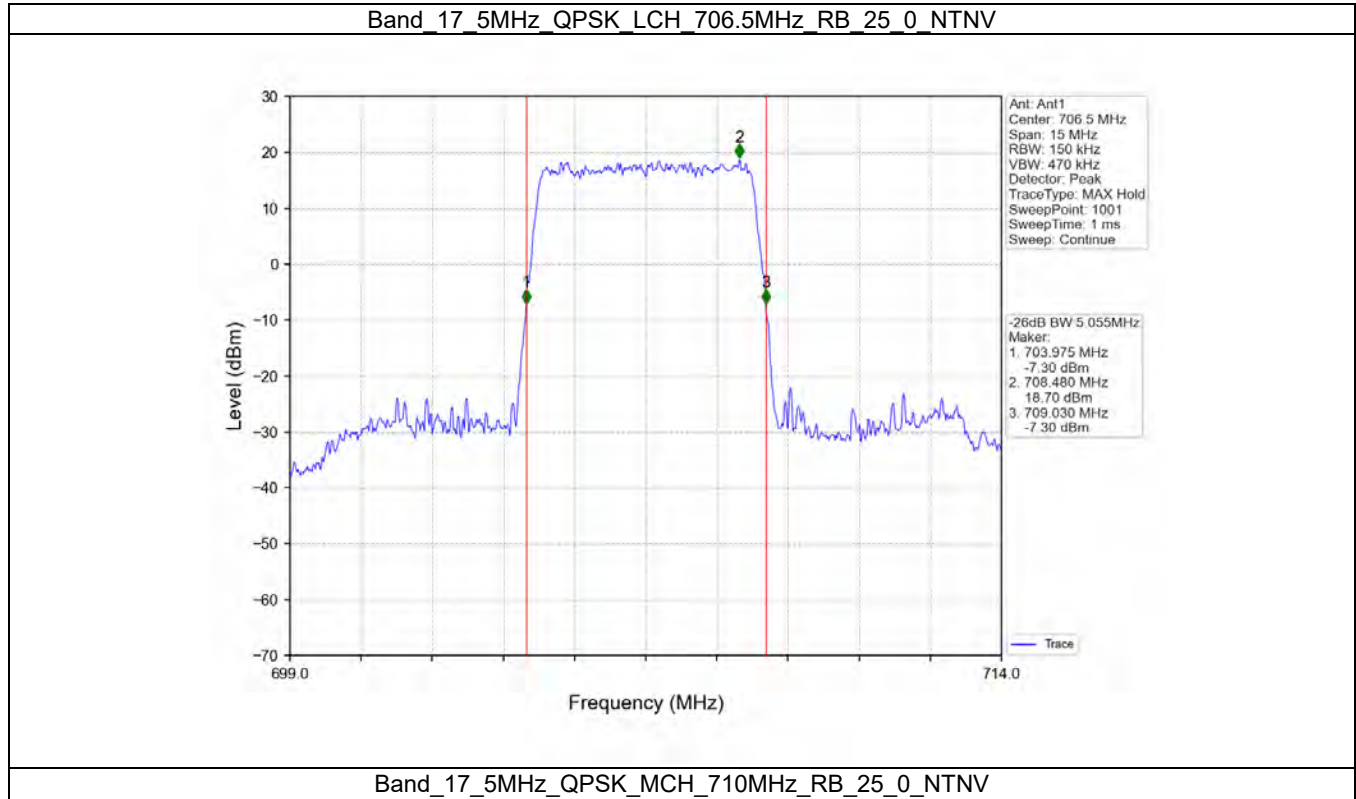
## 2.10 LTE Band 17 26DB

### 2.10.1 Test Result

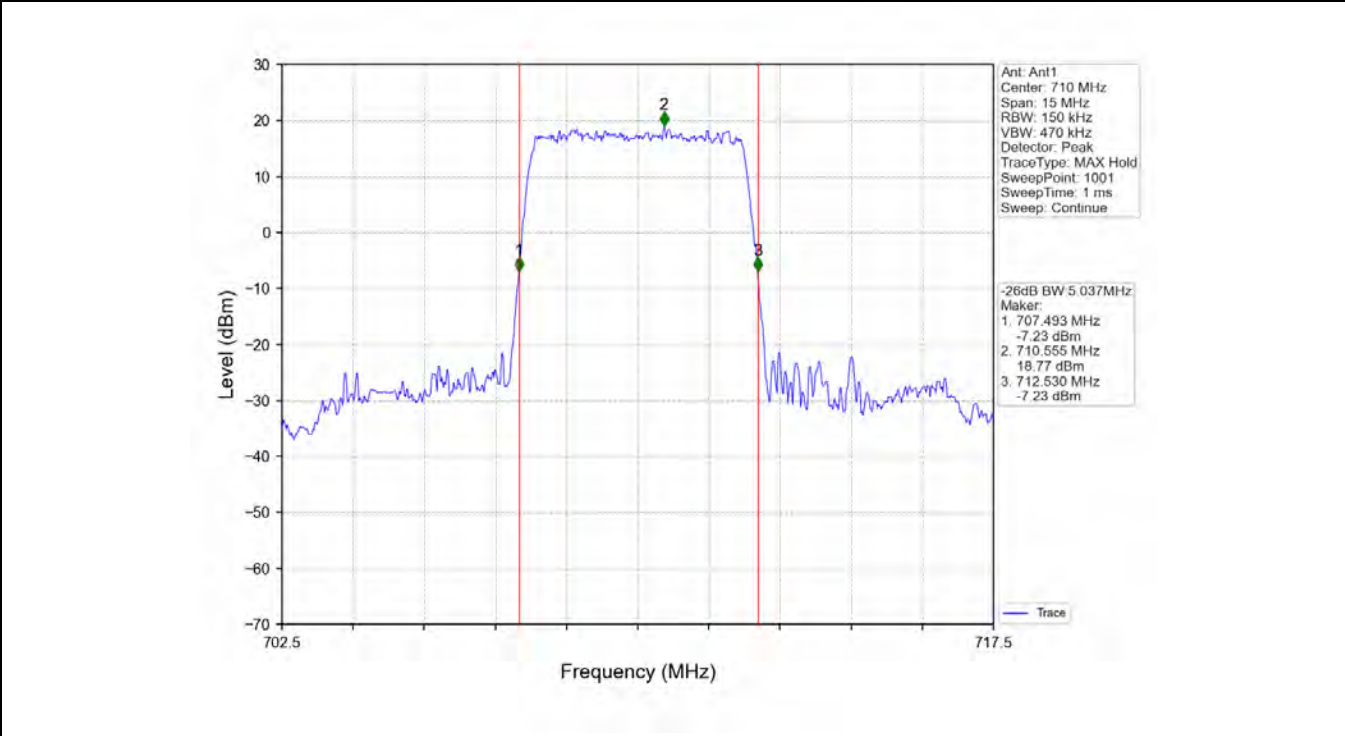
Band: 17 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.055	5.037	5.049	/	Pass
16QAM	25	0	5.099	5.033	5.053	/	Pass
64QAM	25	0	5.066	5.043	5.048	/	Pass
Band: 17 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.006	9.975	9.954	/	Pass
16QAM	50	0	9.972	9.975	9.947	/	Pass
64QAM	50	0	9.966	9.880	9.963	/	Pass



### 2.10.2 Test Graph

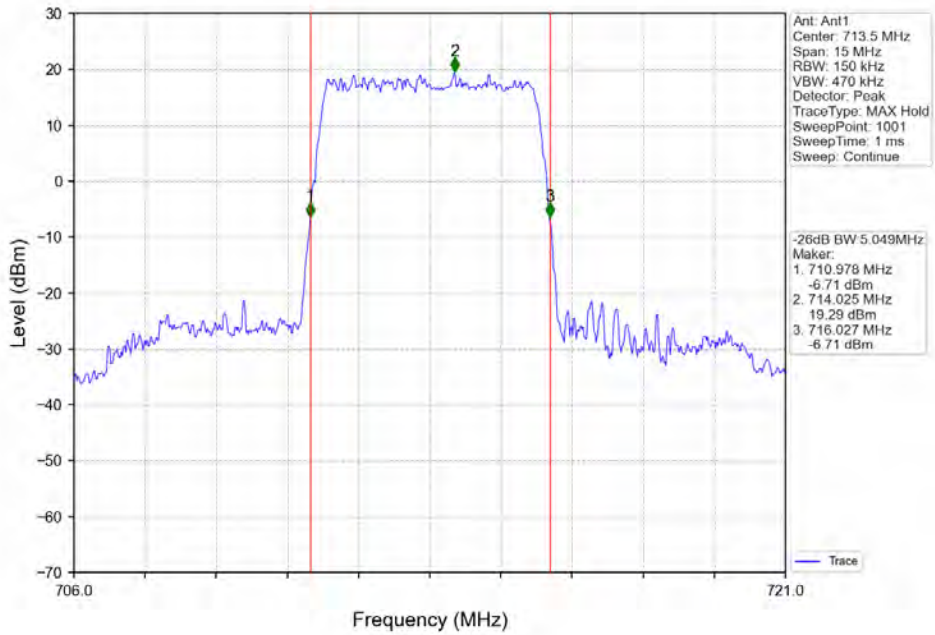




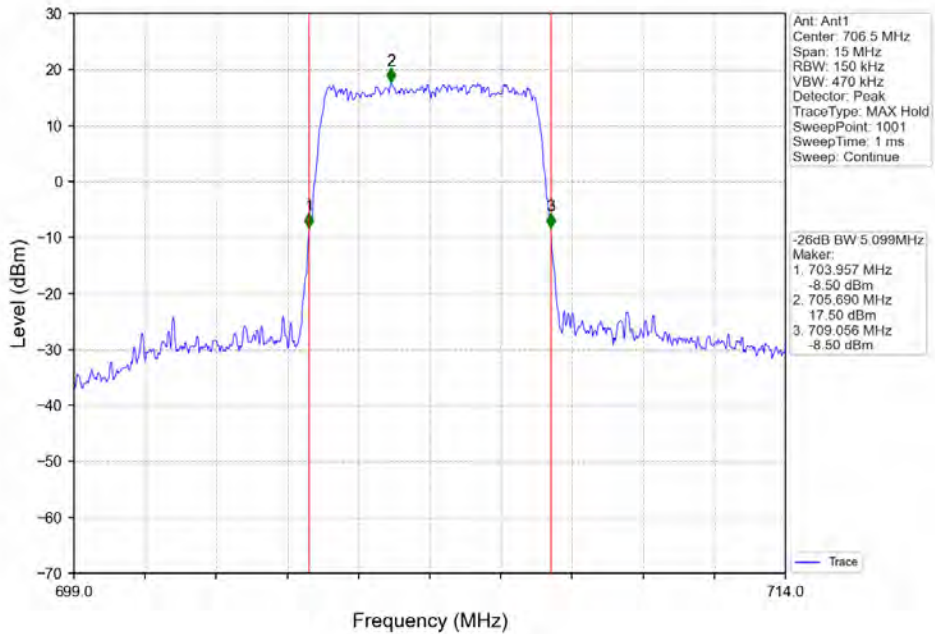




Band 17 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV

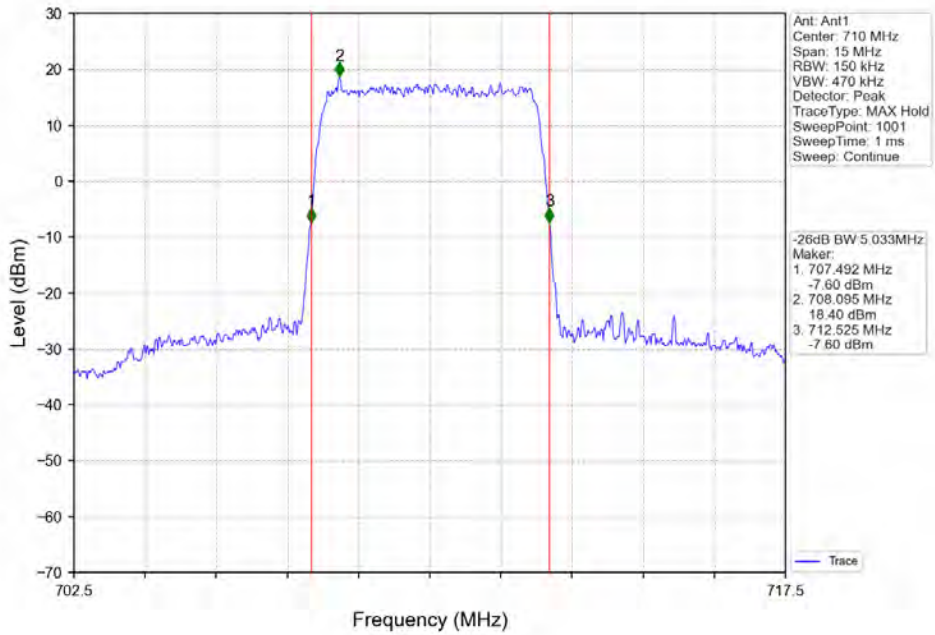


Band 17 5MHz 16QAM LCH 706.5MHz RB 25 0 NTNV

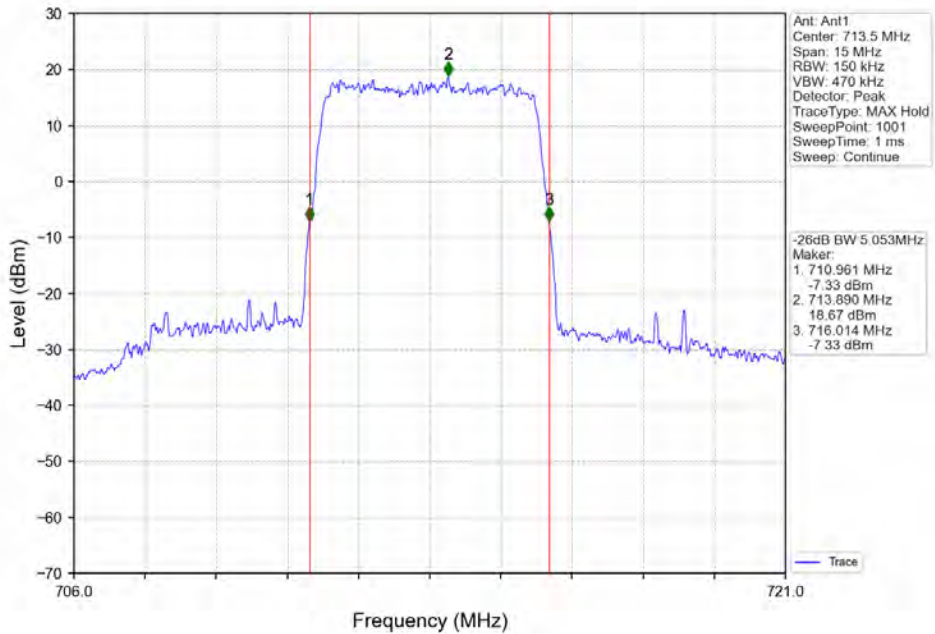




Band 17 5MHz 16QAM MCH 710MHz RB 25 0 NTV

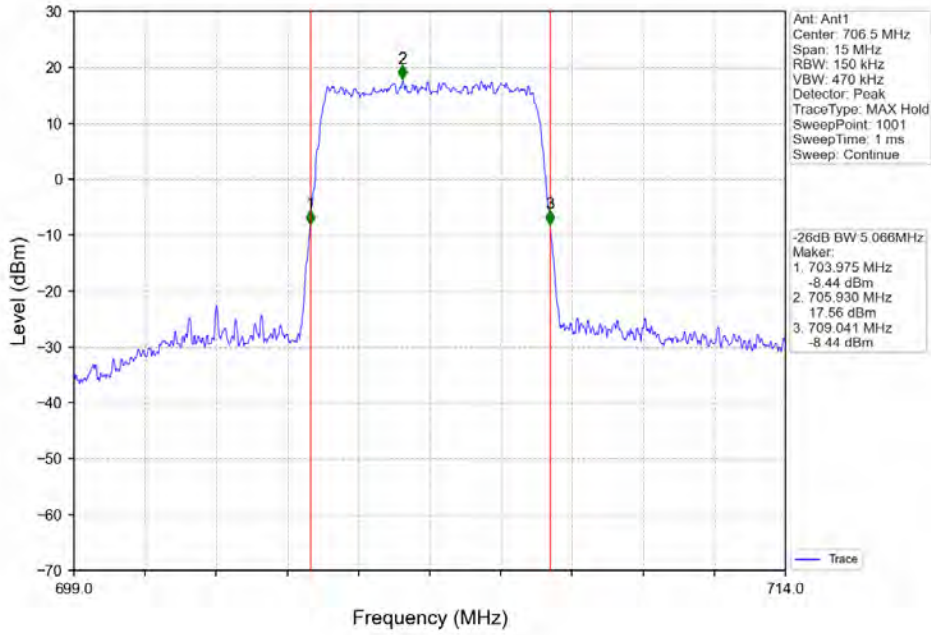


Band 17 5MHz 16QAM HCH 713.5MHz RB 25 0 NTV

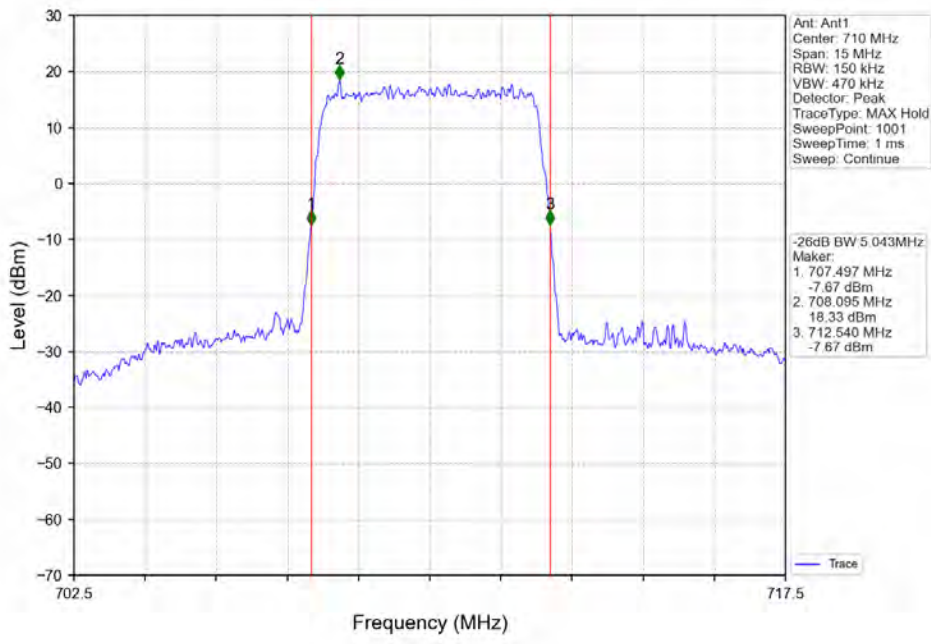




Band 17 5MHz 64QAM LCH 706.5MHz RB 25 0 NTNV



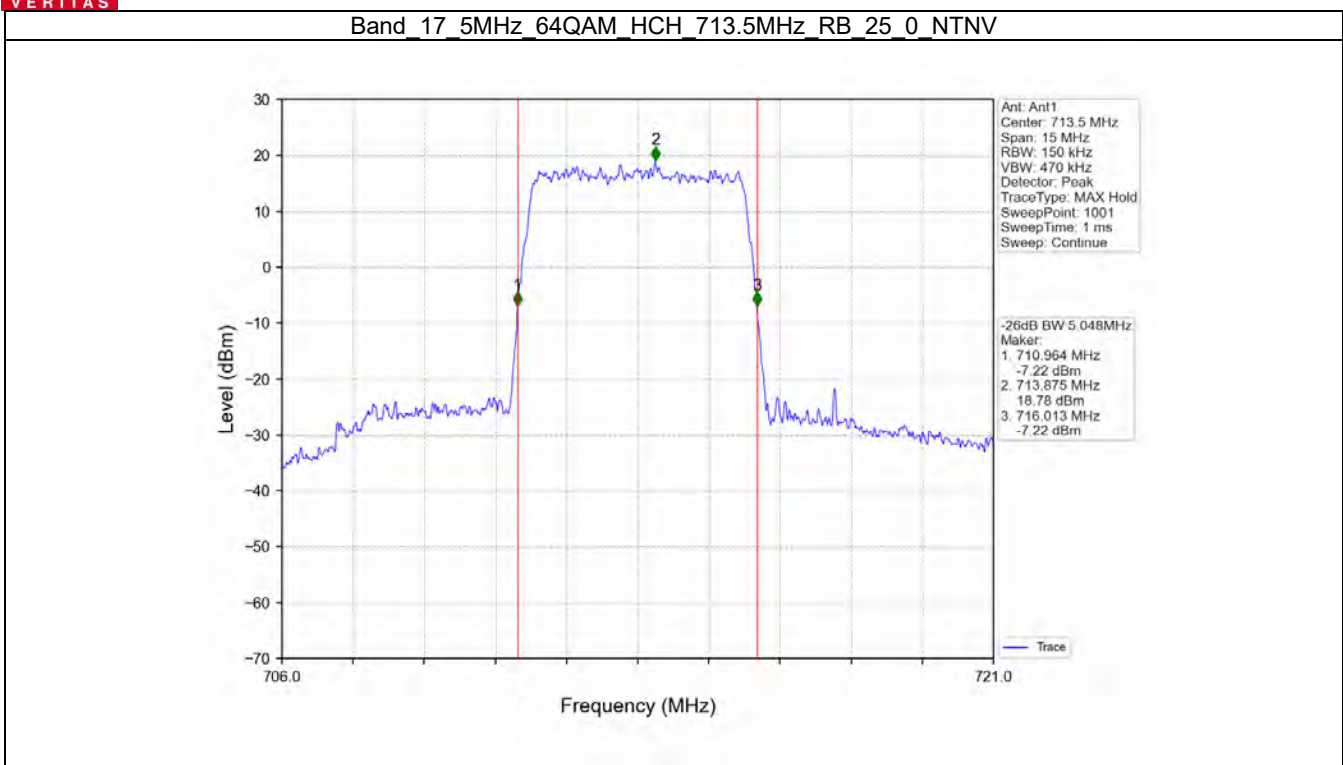
Band 17 5MHz 64QAM MCH 710MHz RB 25 0 NTNV



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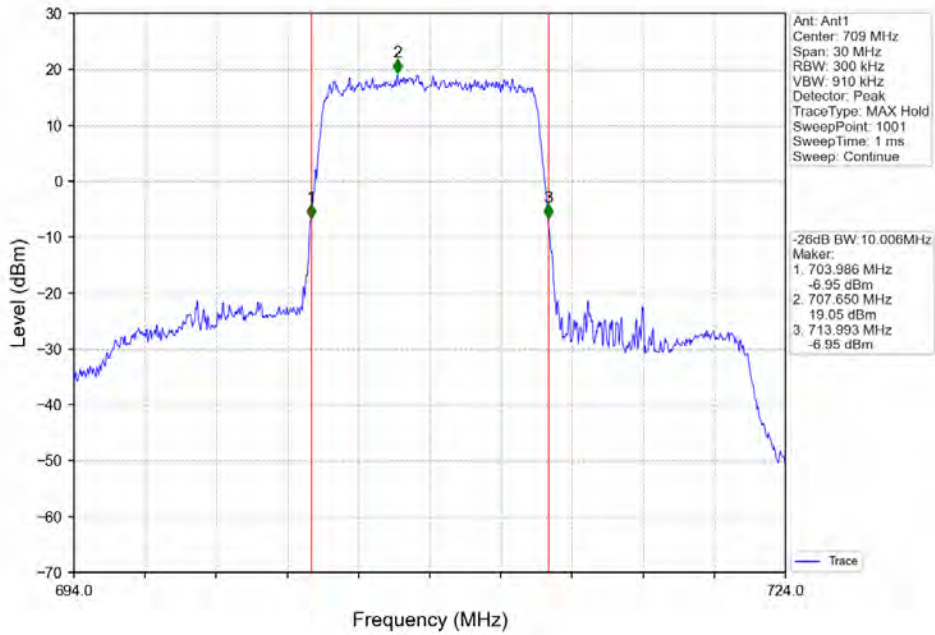
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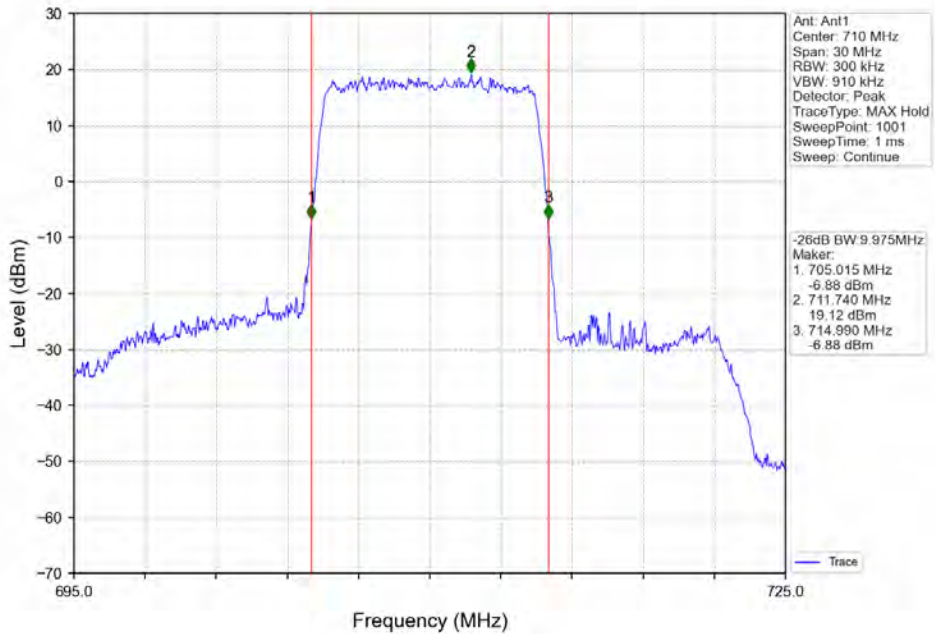
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**Band 17 10MHz QPSK LCH 709MHz RB 50 0 NTV**

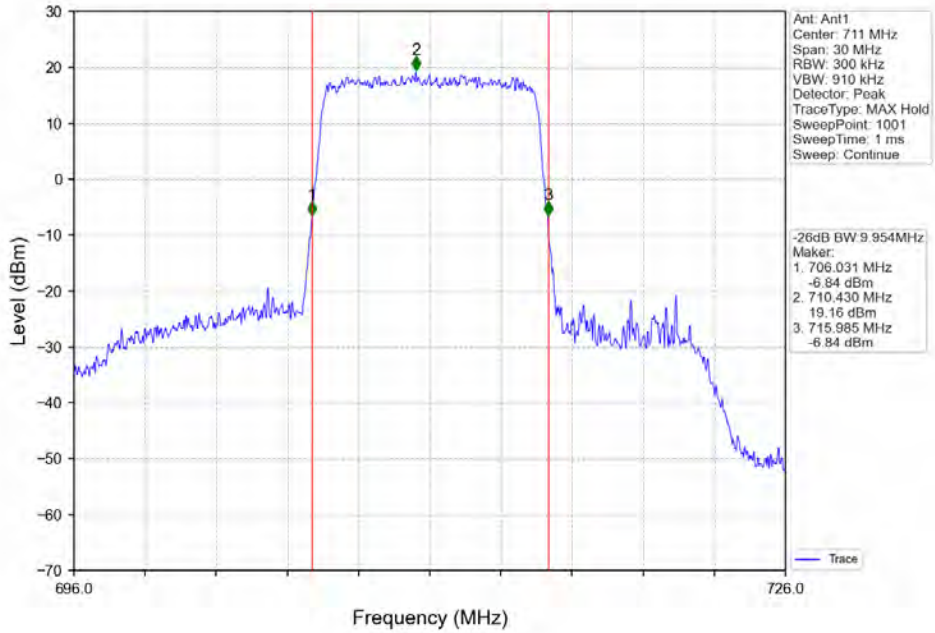


**Band 17 10MHz QPSK MCH 710MHz RB 50 0 NTV**

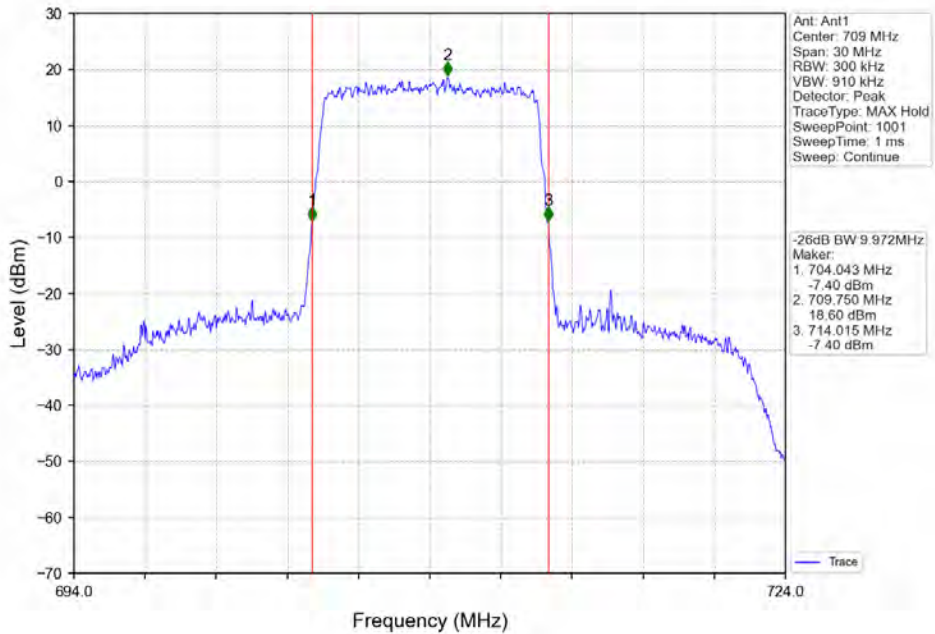




**Band 17 10MHz QPSK HCH 711MHz RB 50 0 NTV**



**Band 17 10MHz 16QAM LCH 709MHz RB 50 0 NTV**

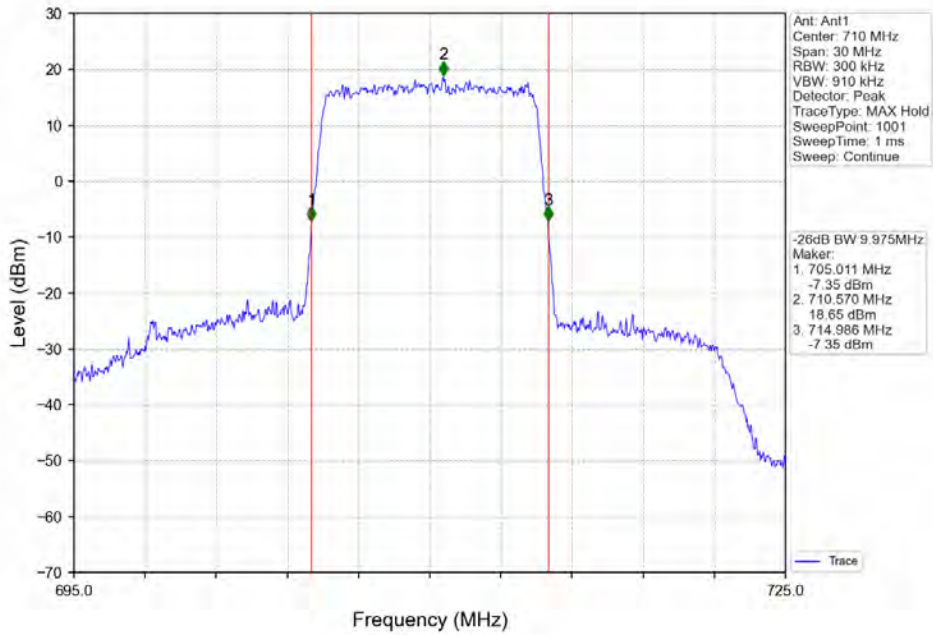




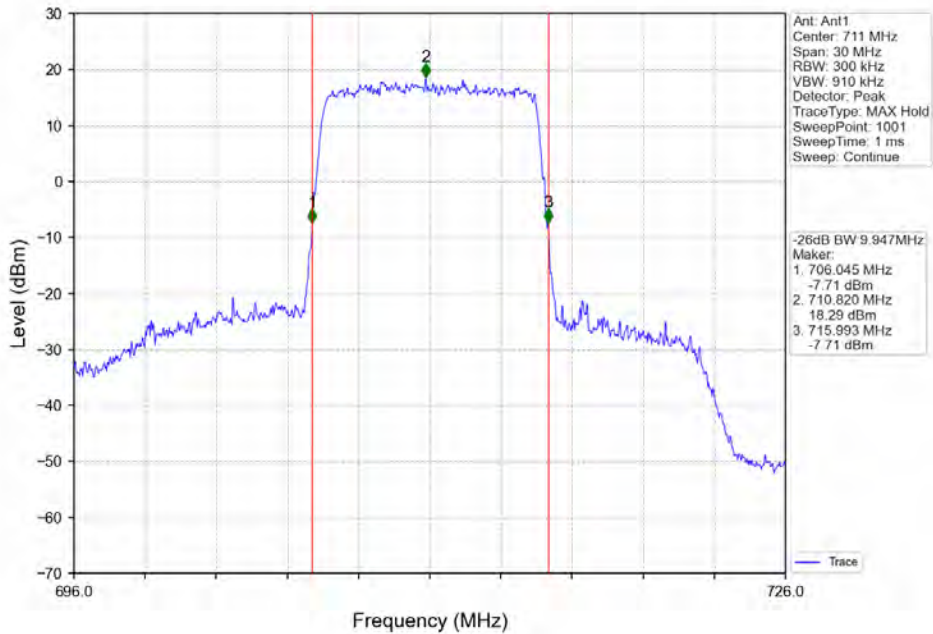
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**Test Report No.: W7L-P20210616-3RF03**

Band 17 10MHz 16QAM MCH 710MHz RB 50 0 NTNV



Band 17 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



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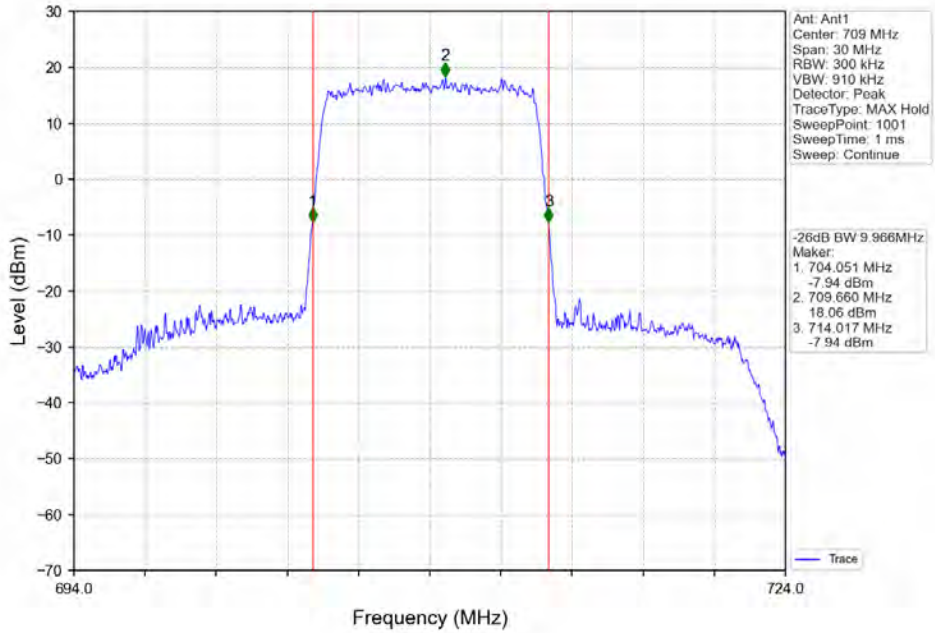
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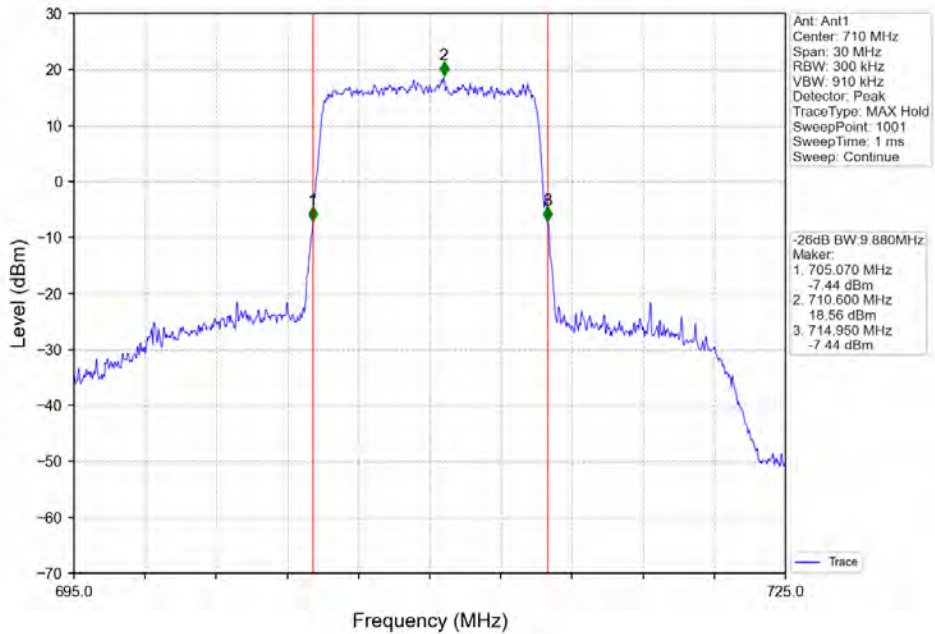


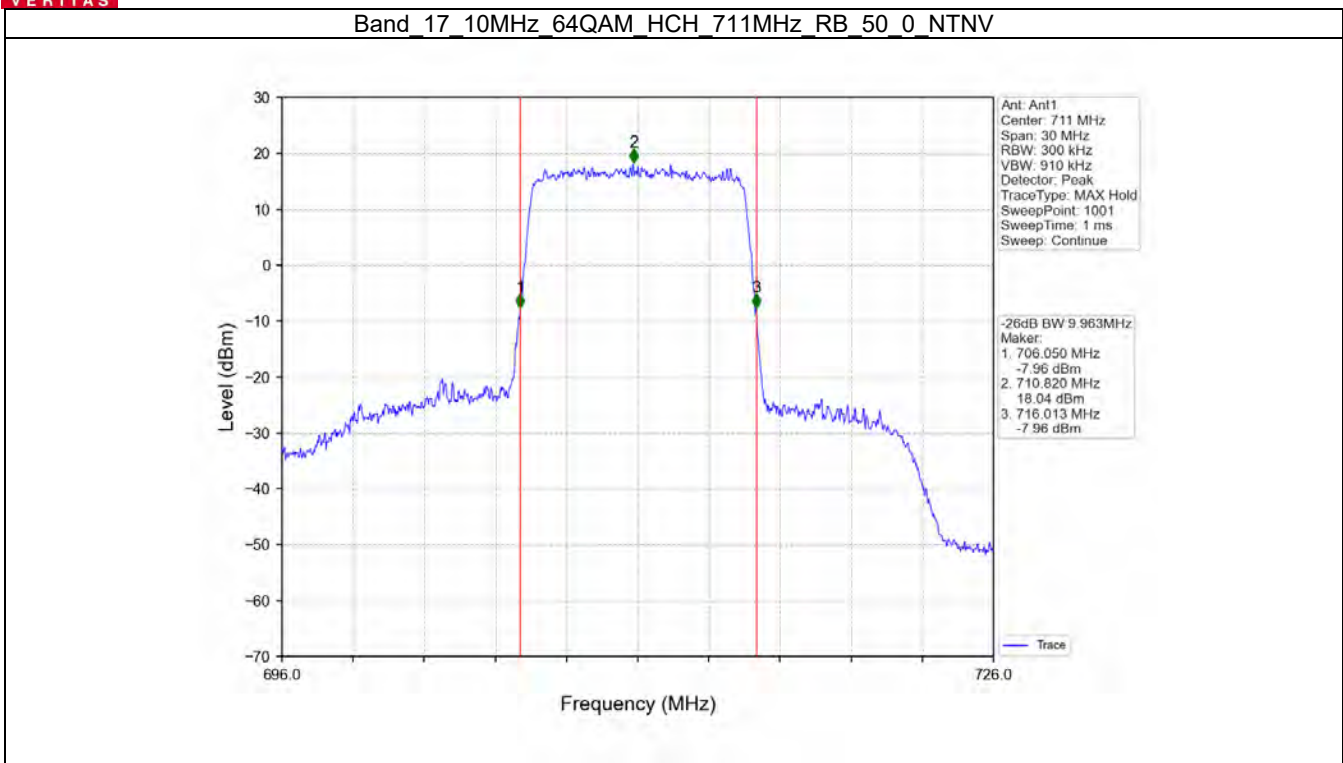


Band 17 10MHz 64QAM LCH 709MHz RB 50 0 NTNV



Band 17 10MHz 64QAM MCH 710MHz RB 50 0 NTNV





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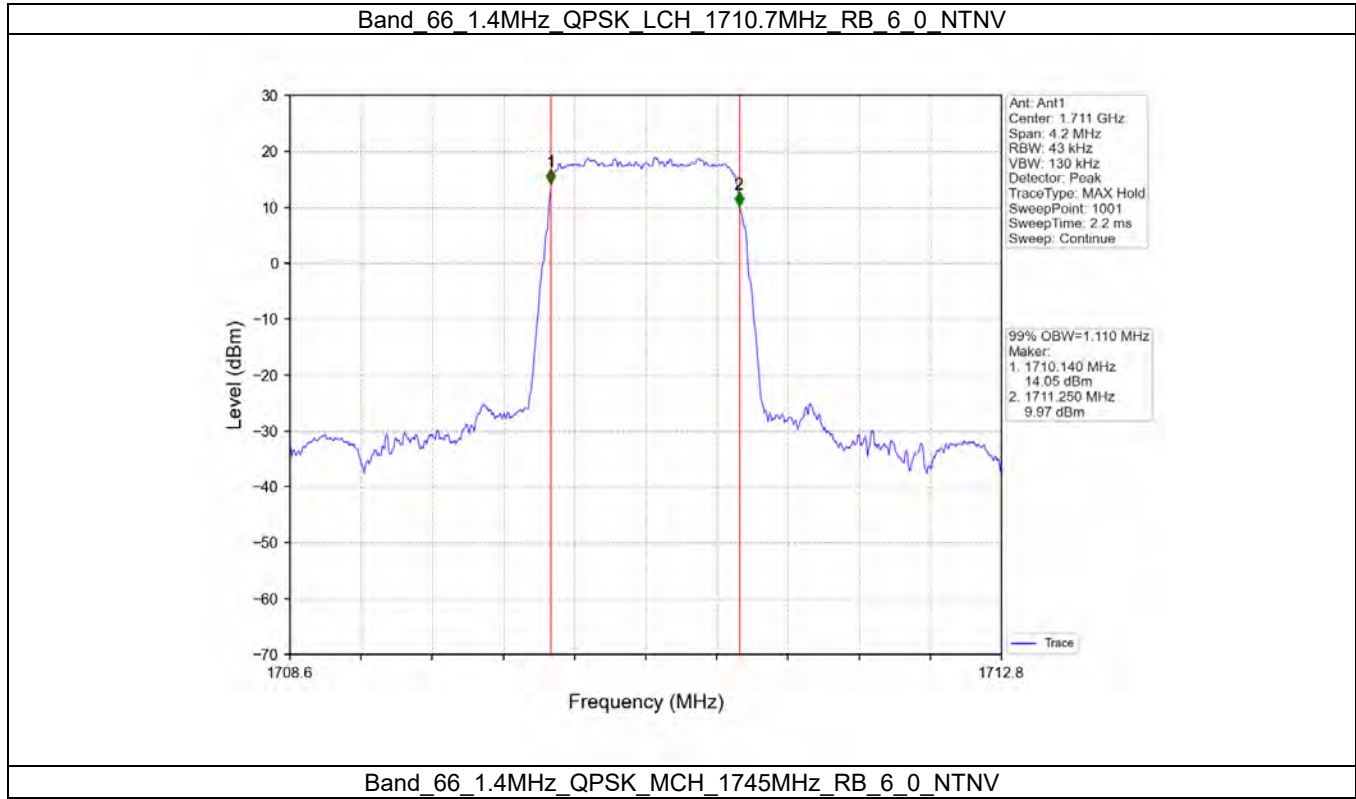
## 2.11 LTE Band 66 OBW

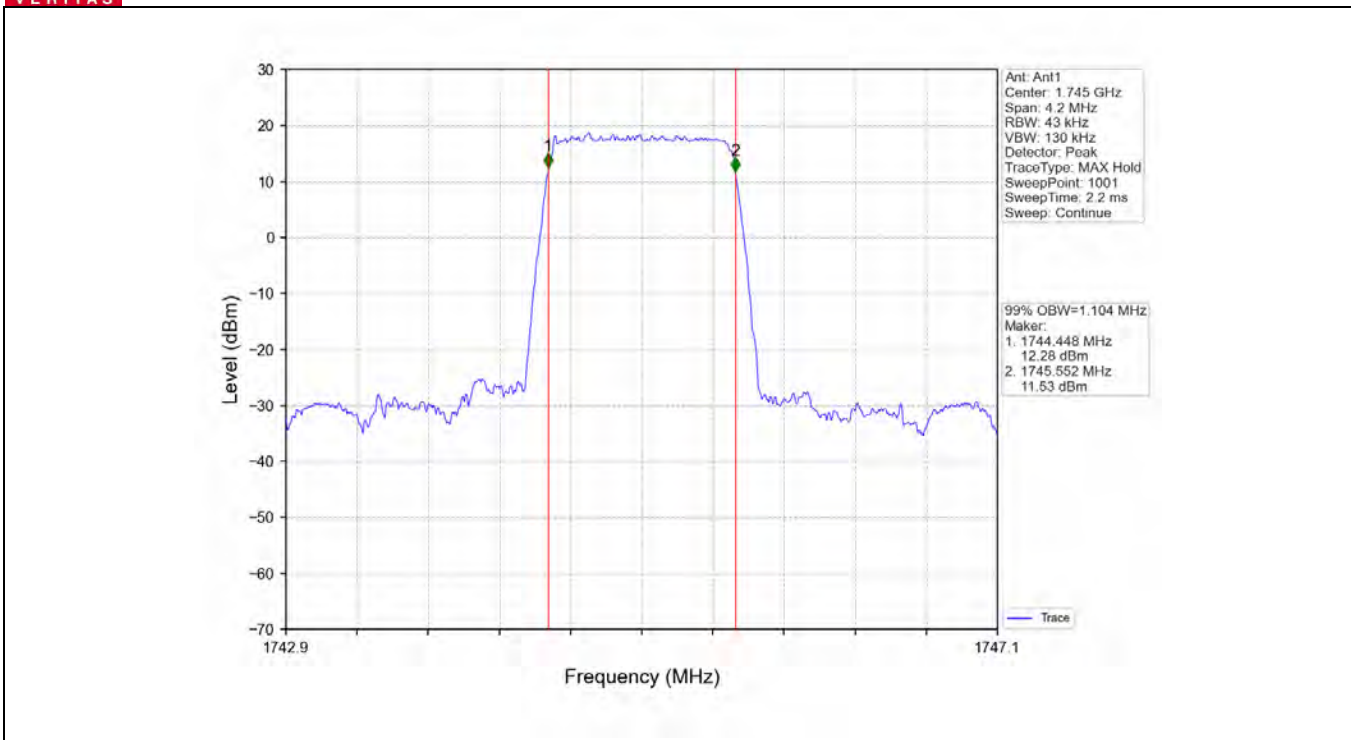
### 2.11.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.110	1.104	1.107	/	Pass
16QAM	6	0	1.107	1.102	1.106	/	Pass
64QAM	6	0	1.109	1.098	1.106	/	Pass
Band: 66 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.743	2.742	2.735	/	Pass
16QAM	15	0	2.737	2.742	2.736	/	Pass
64QAM	15	0	2.732	2.736	2.734	/	Pass
Band: 66 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.566	4.548	4.539	/	Pass
16QAM	25	0	4.543	4.558	4.568	/	Pass
64QAM	25	0	4.542	4.548	4.565	/	Pass
Band: 66 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.024	9.048	9.030	/	Pass
16QAM	50	0	9.035	9.026	9.032	/	Pass
64QAM	50	0	9.032	9.034	9.051	/	Pass
Band: 66 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.546	13.573	13.562	/	Pass
16QAM	75	0	13.604	13.603	13.556	/	Pass
64QAM	75	0	13.572	13.617	13.566	/	Pass
Band: 66 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.007	18.097	18.119	/	Pass
16QAM	100	0	18.086	18.105	18.065	/	Pass
64QAM	100	0	18.111	18.088	18.083	/	Pass



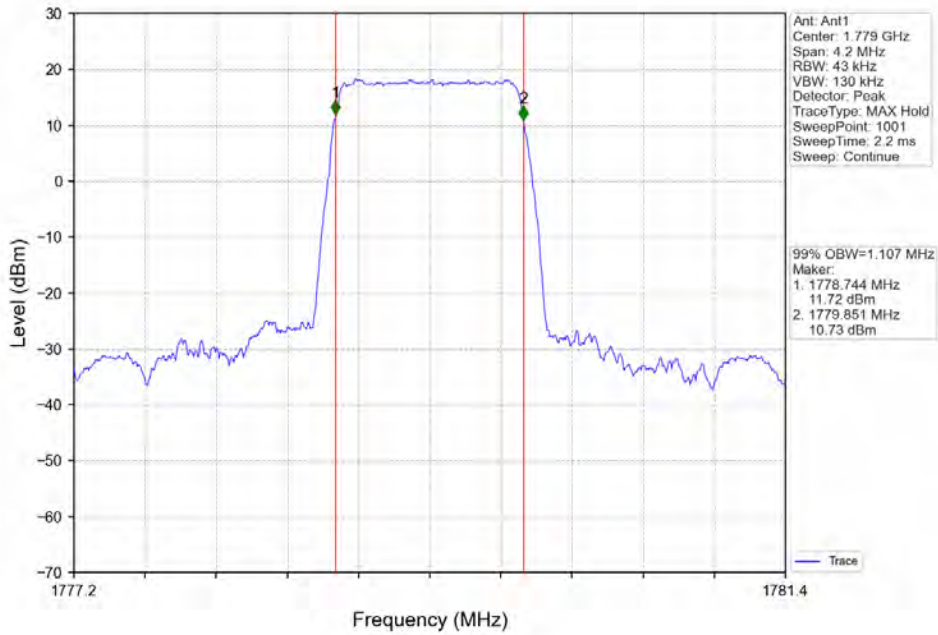
### 2.11.2 Test Graph



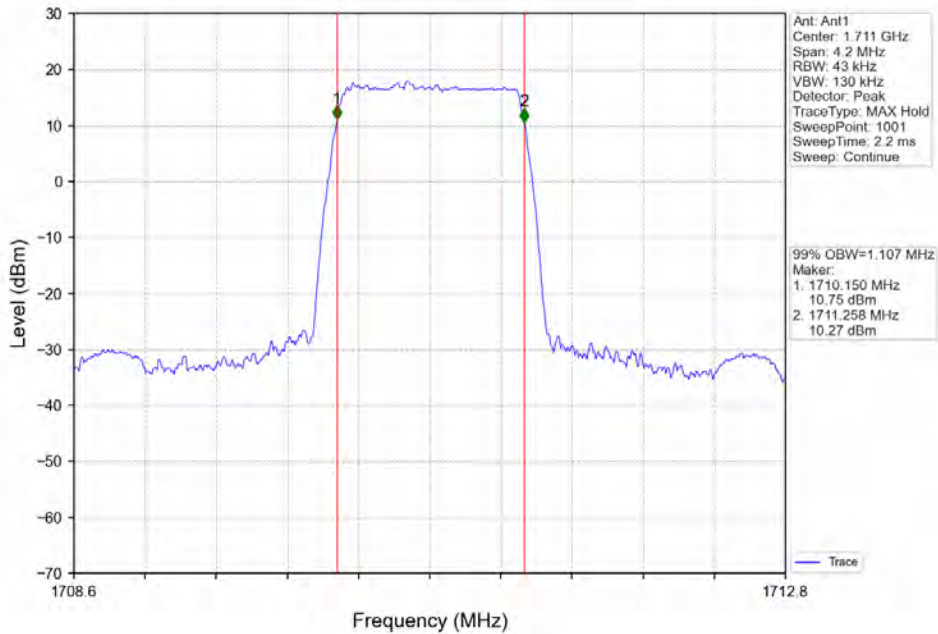




Band 66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



Band 66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



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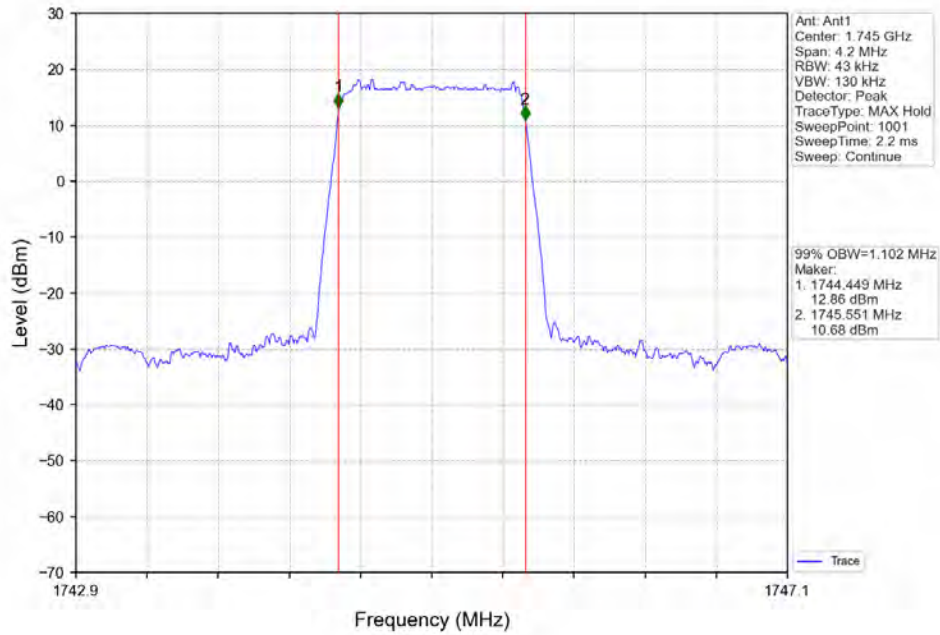
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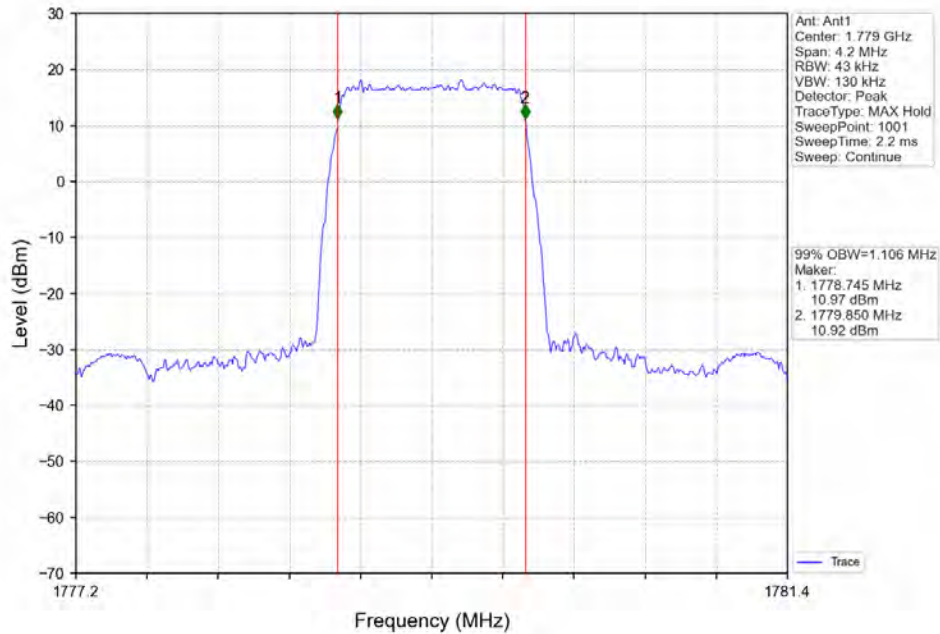
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Band 66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV

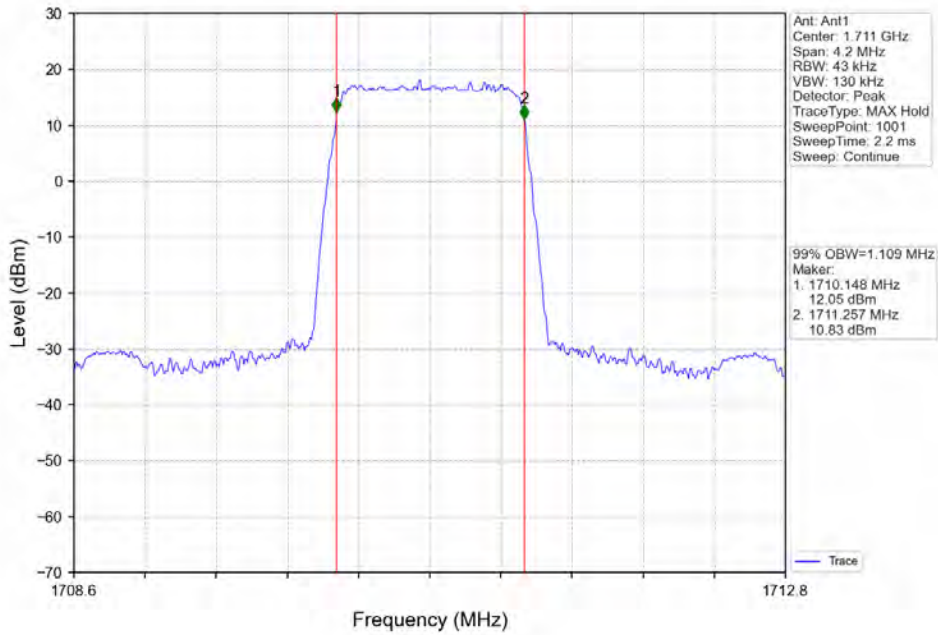


Band 66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV

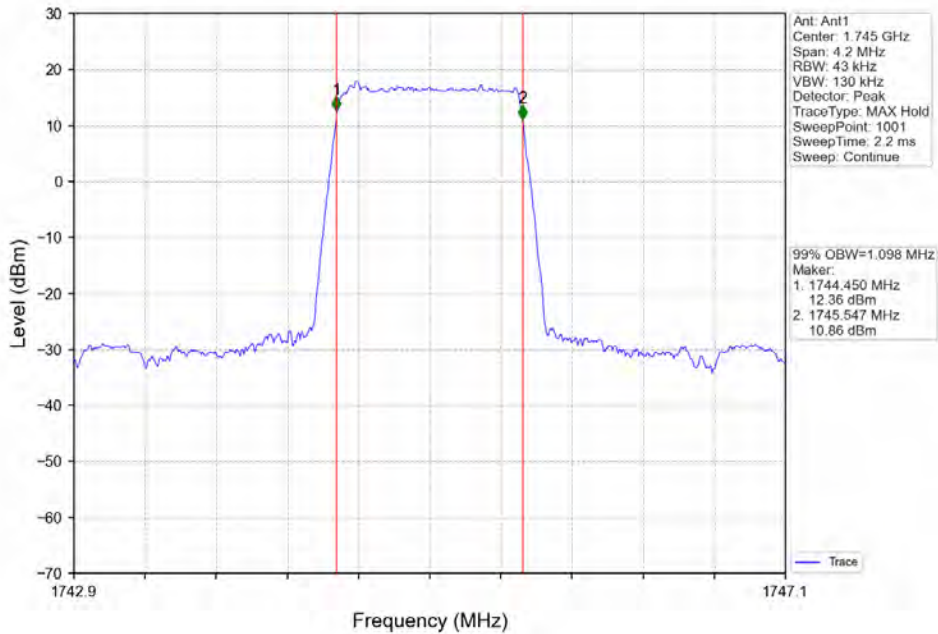




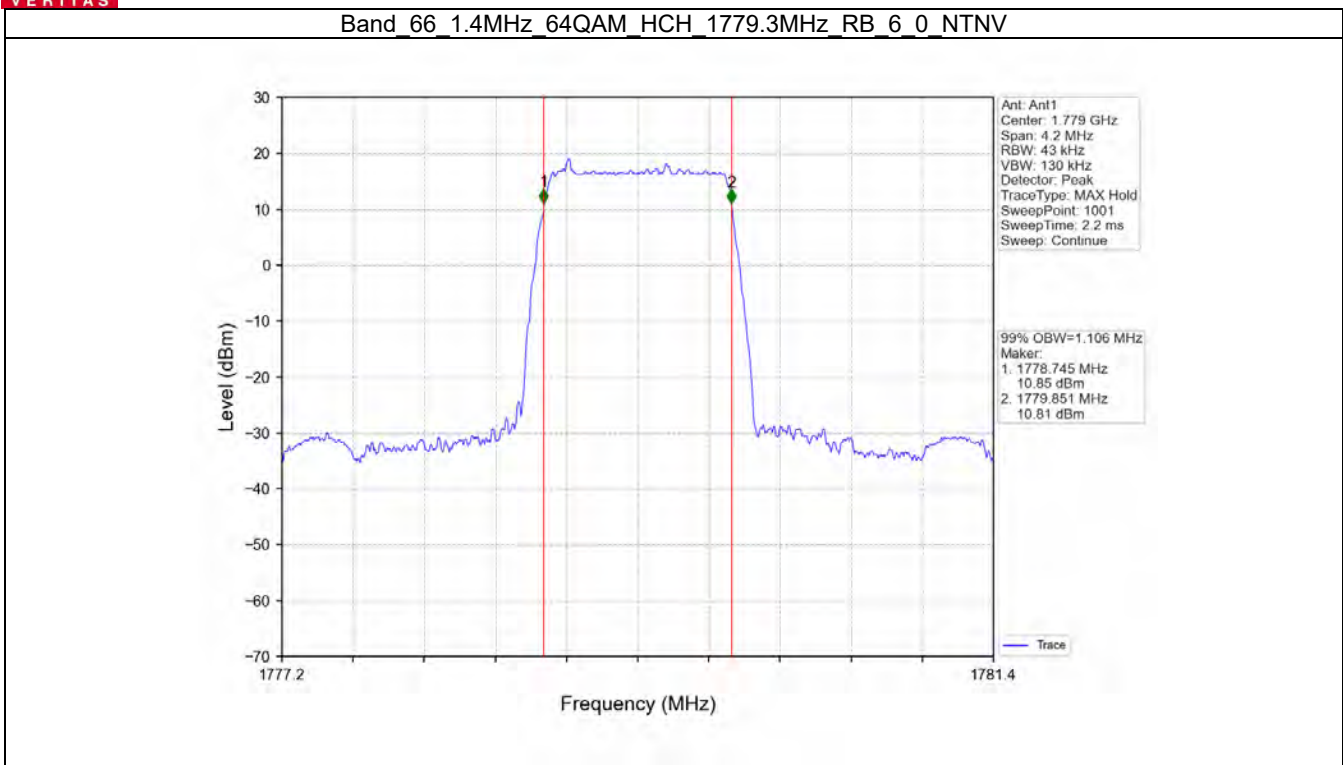
Band 66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



Band 66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV







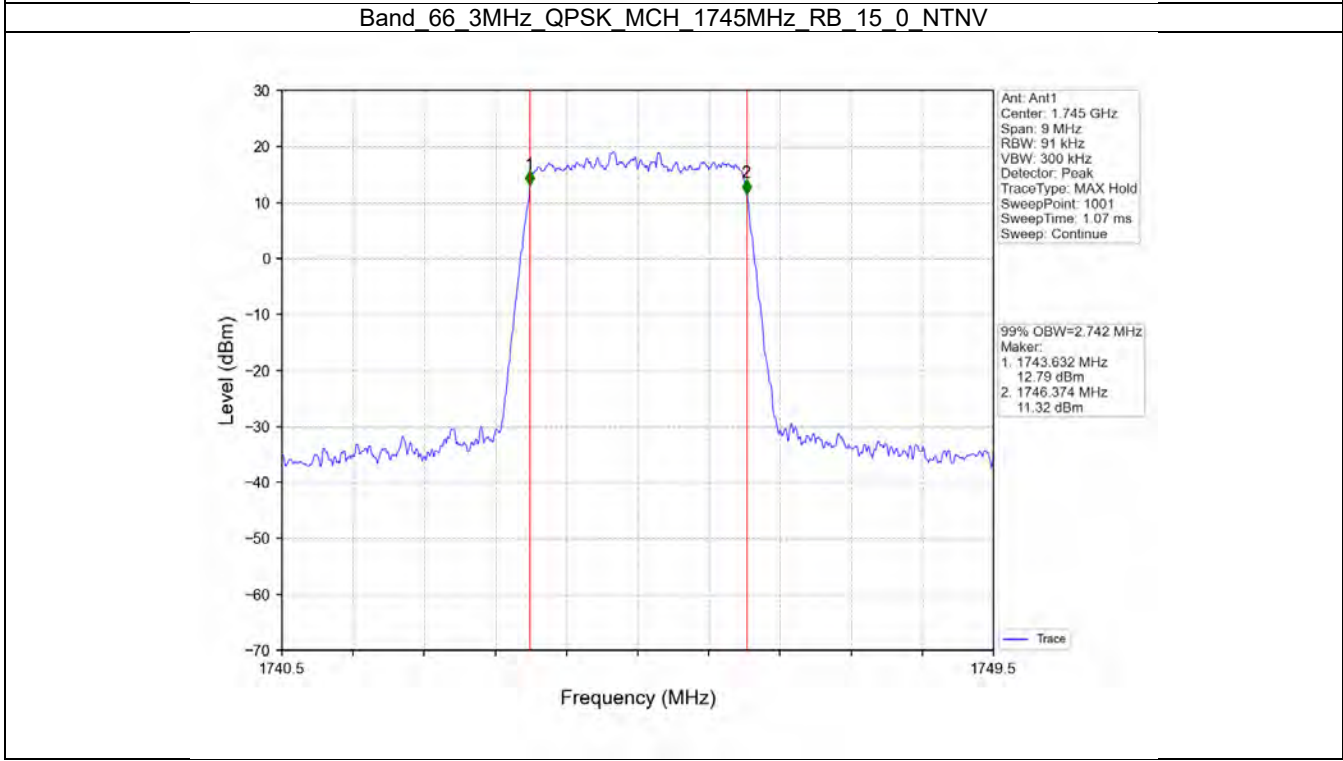
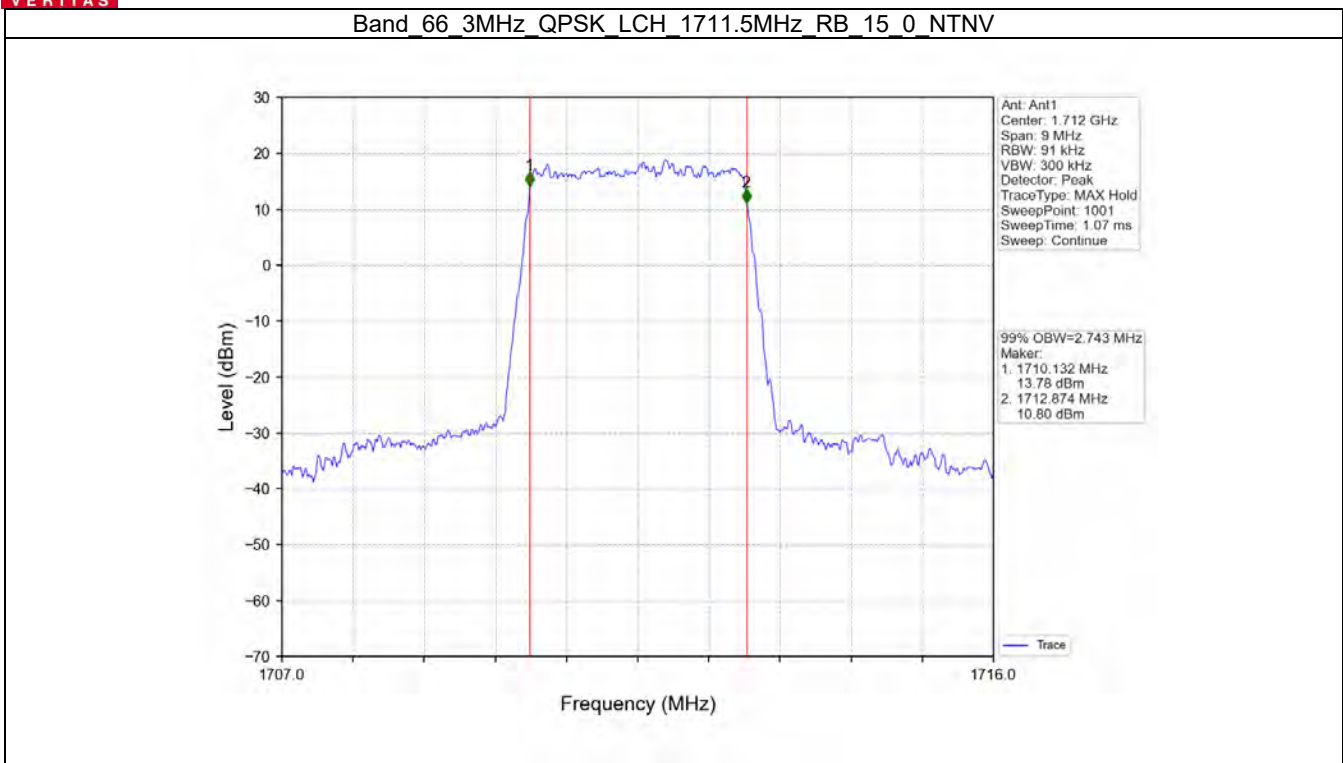
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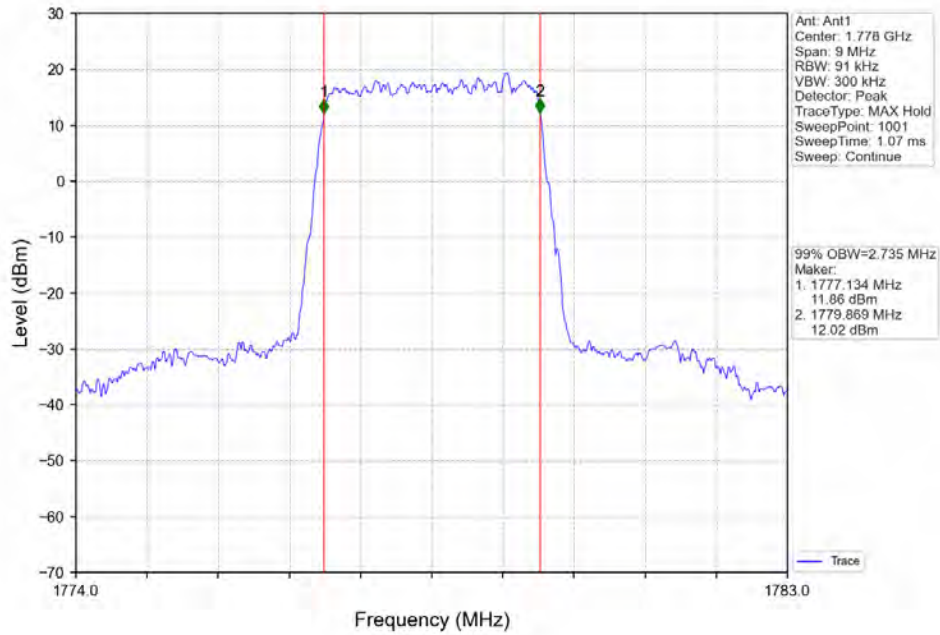
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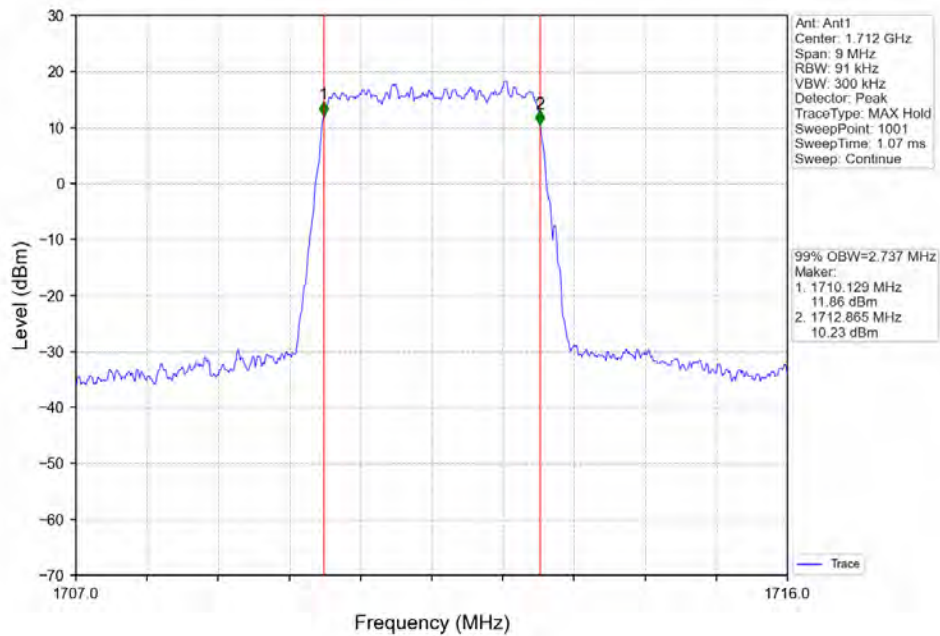
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Band 66 3MHz QPSK HCH 1778.5MHz RB 15\_0 NTN

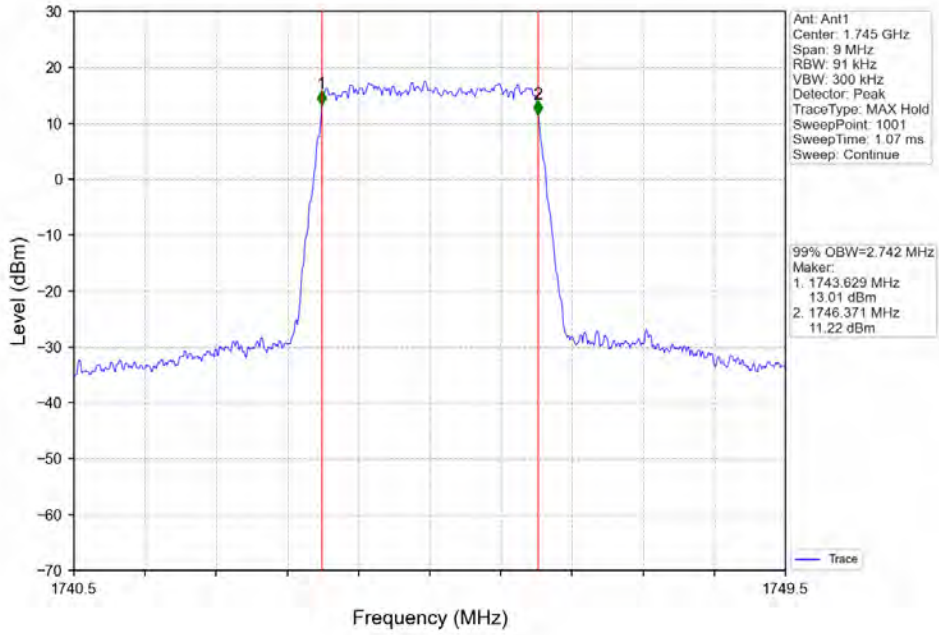


Band 66 3MHz 16QAM LCH 1711.5MHz RB 15\_0 NTN

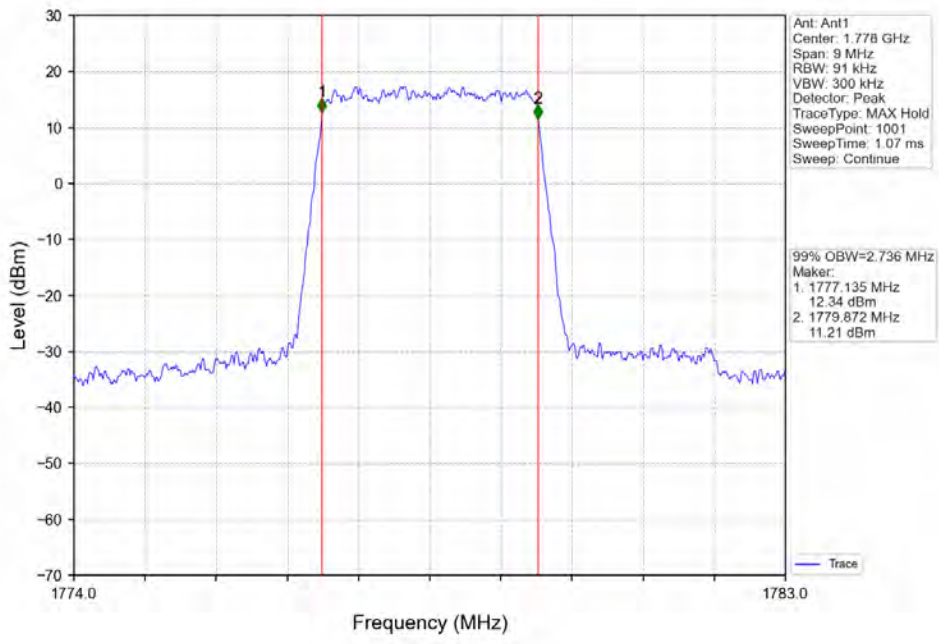




Band 66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



Band 66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



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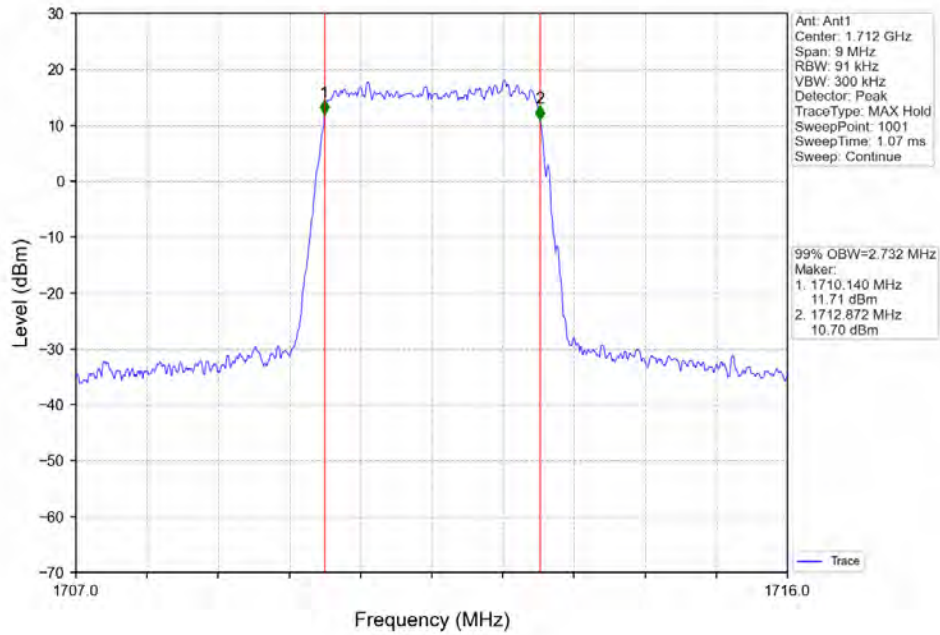
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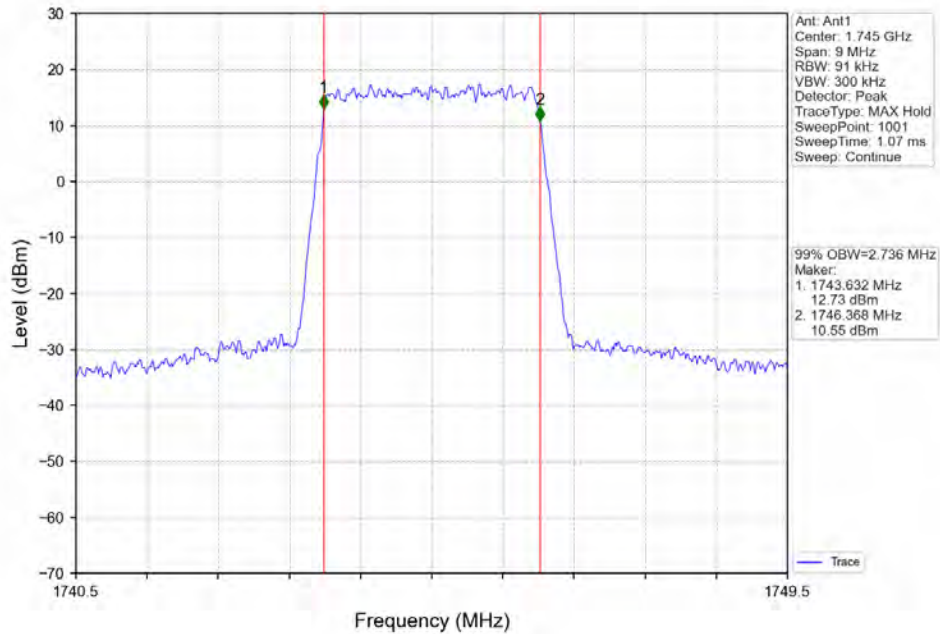
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Band 66 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



Band 66 3MHz 64QAM MCH 1745MHz RB 15 0 NTNV



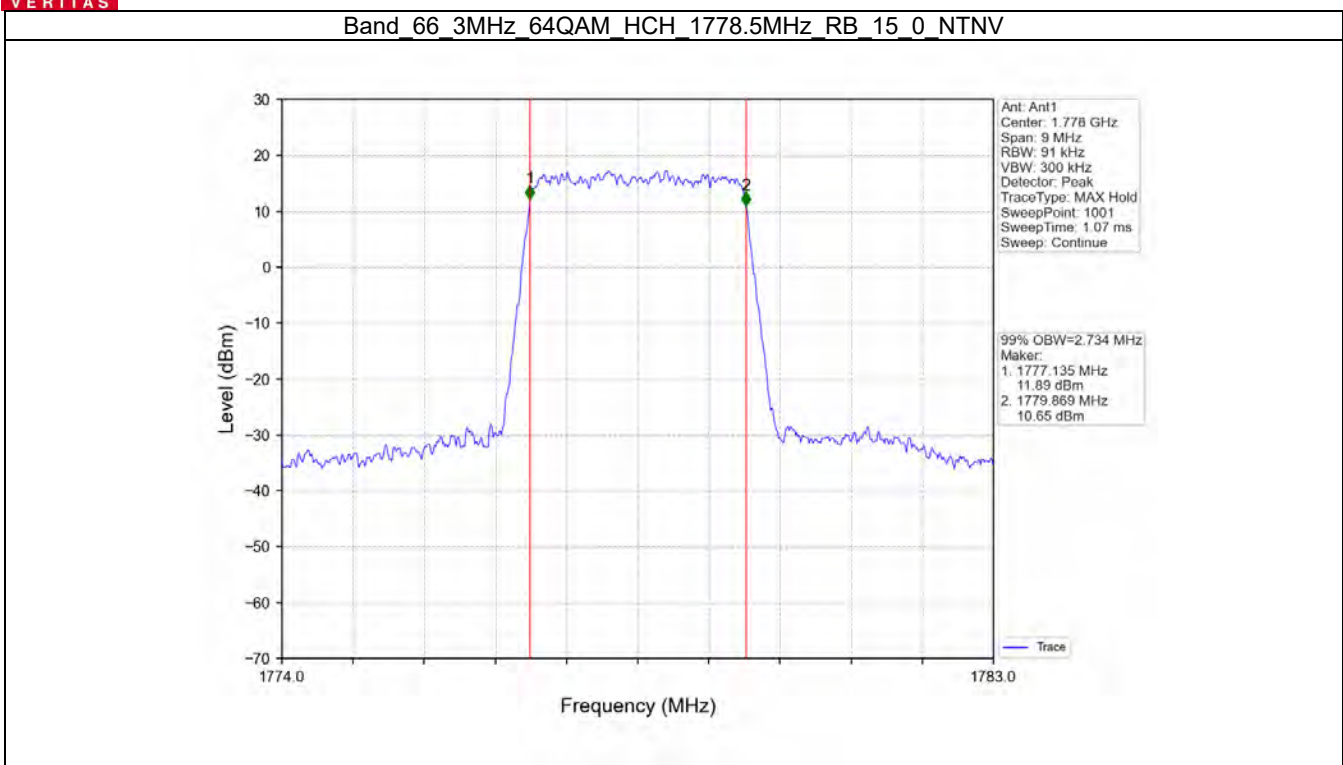
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Tel: +86 755 8869 6566

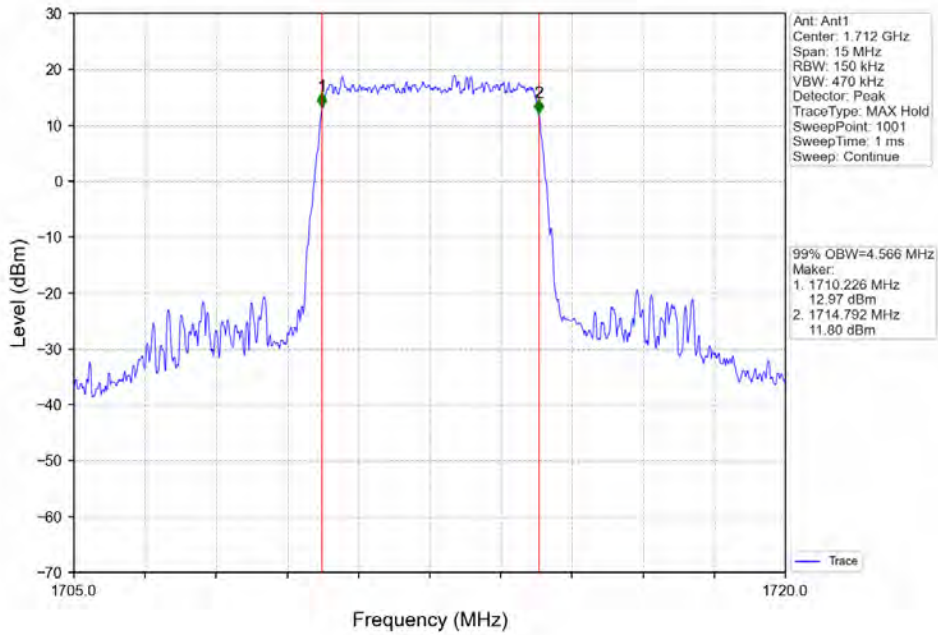
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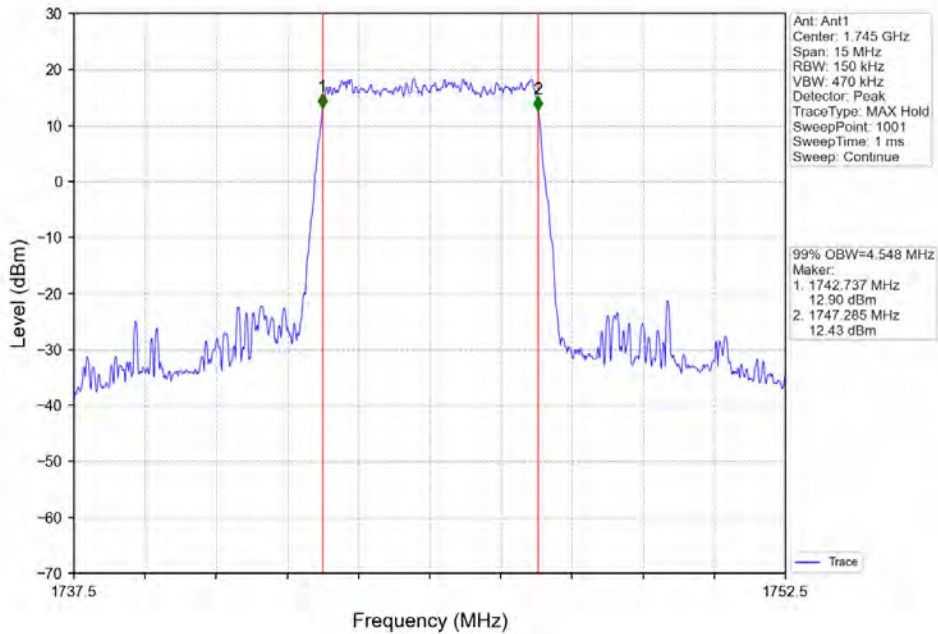




Band 66 5MHz QPSK LCH 174.0.5MHz RB 25 0 NTN

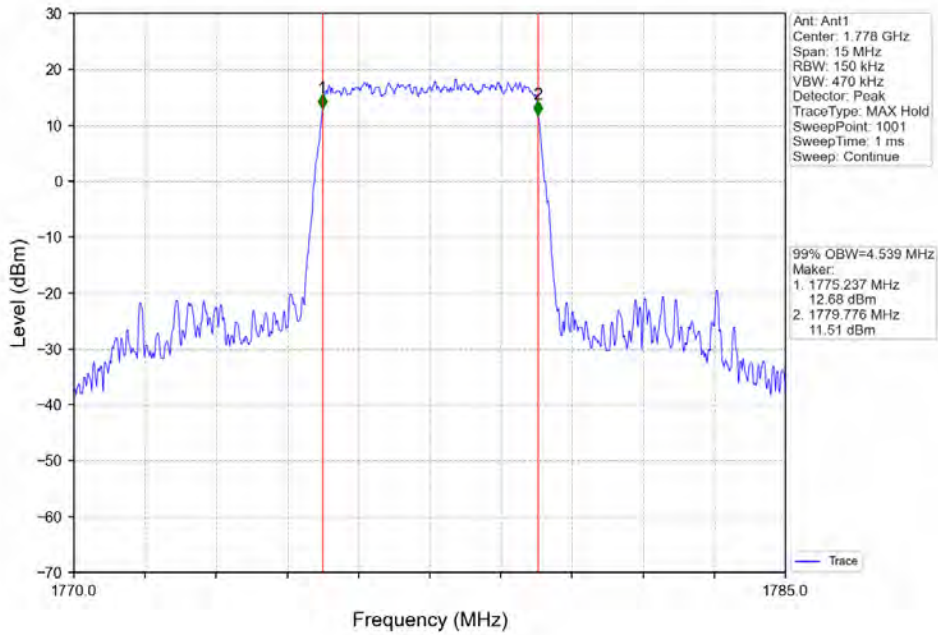


Band 66 5MHz QPSK MCH 1745MHz RB 25 0 NTN

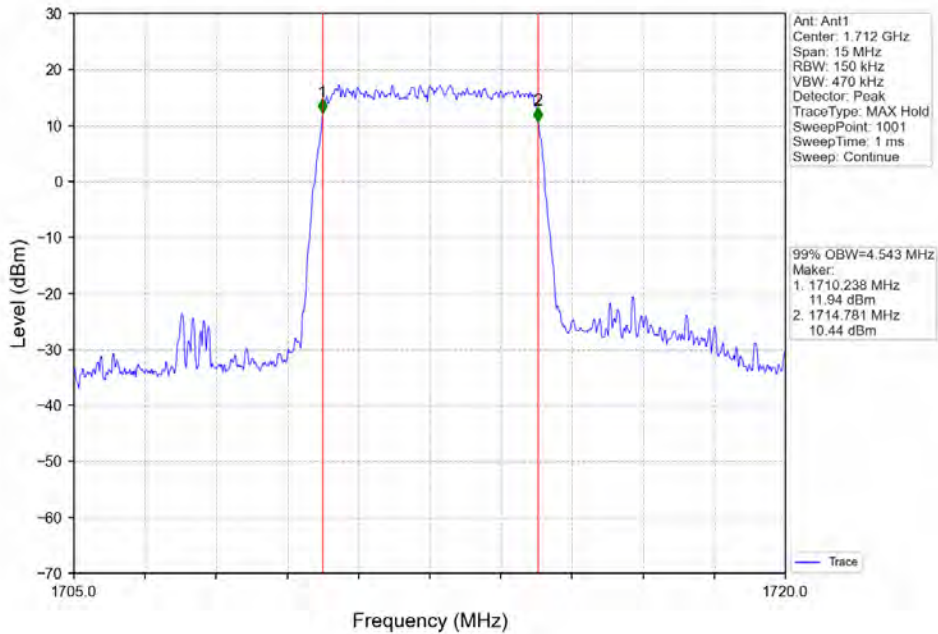




Band 66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTN



Band 66 5MHz 16QAM LCH 174.0.5MHz RB 25 0 NTN



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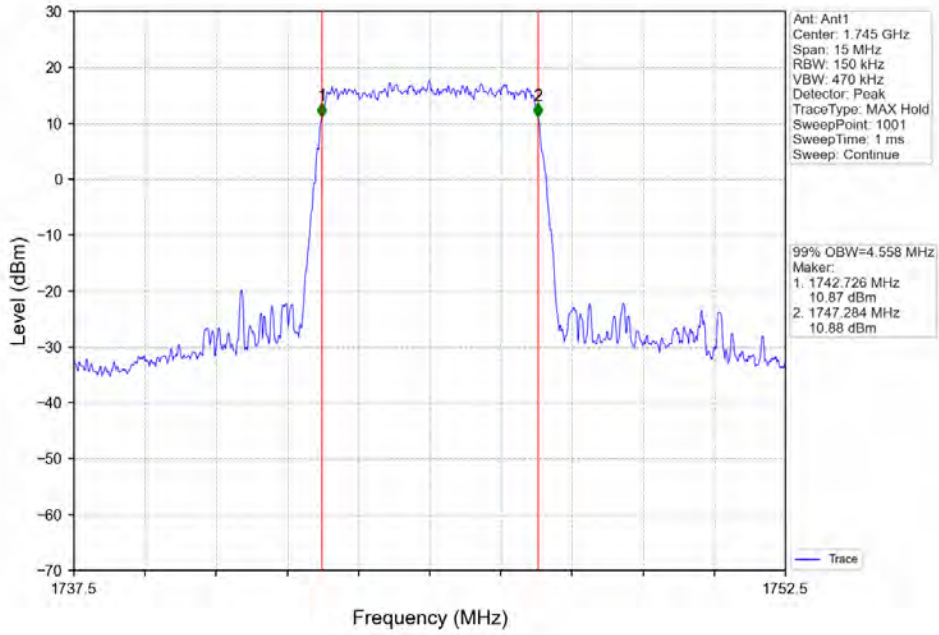
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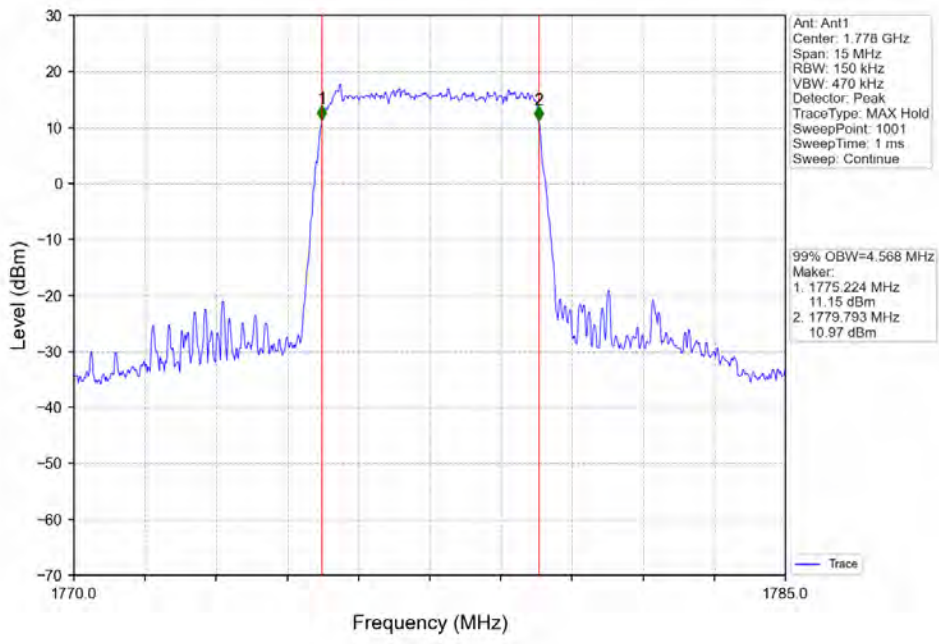




Band 66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



Band 66 5MHz 16QAM HCH 1777.5MHz RB 25 0 NTN



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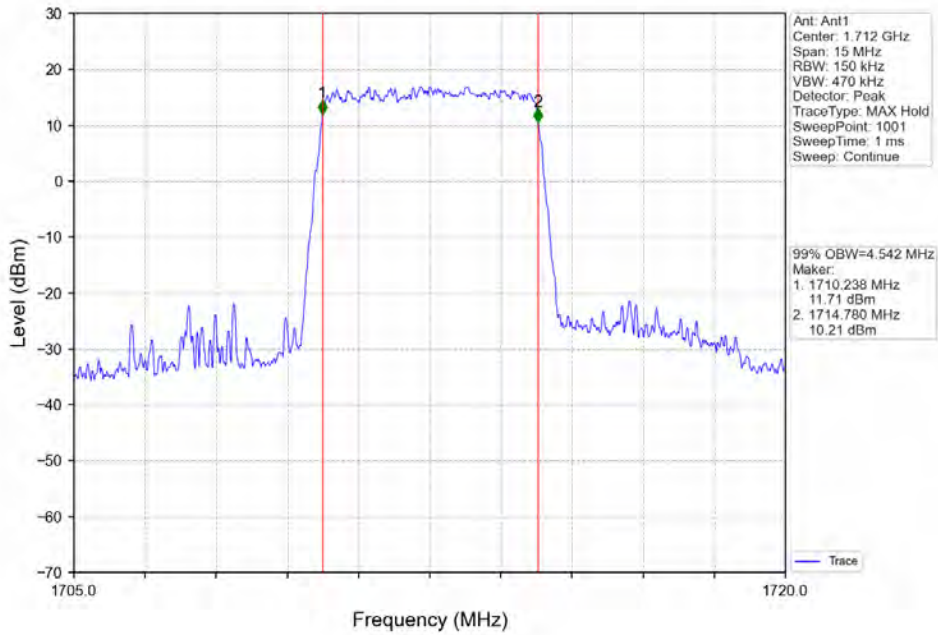
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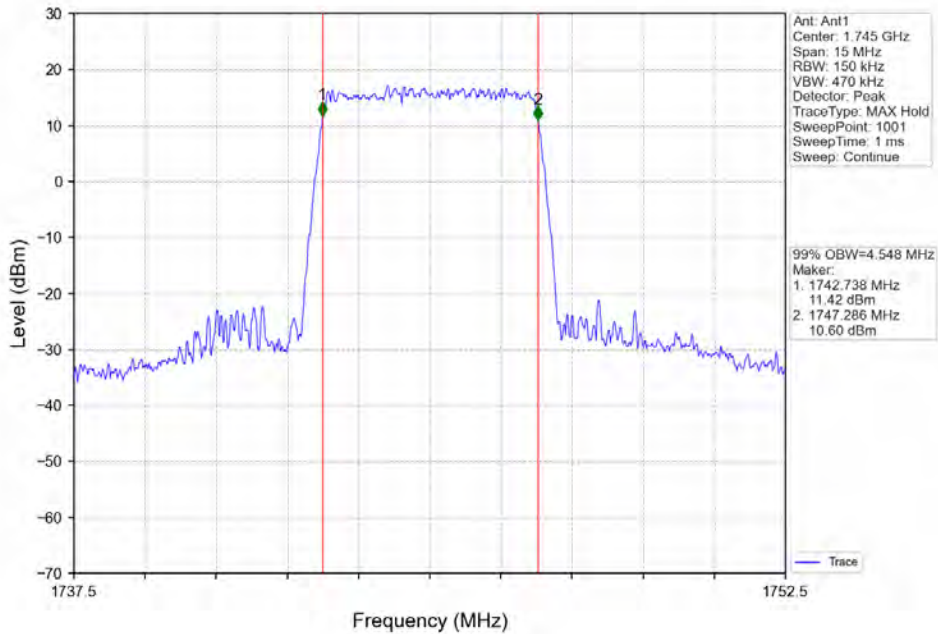
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Band 66 5MHz 64QAM LCH 174.0.5MHz RB 25 0 NTNV



Band 66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



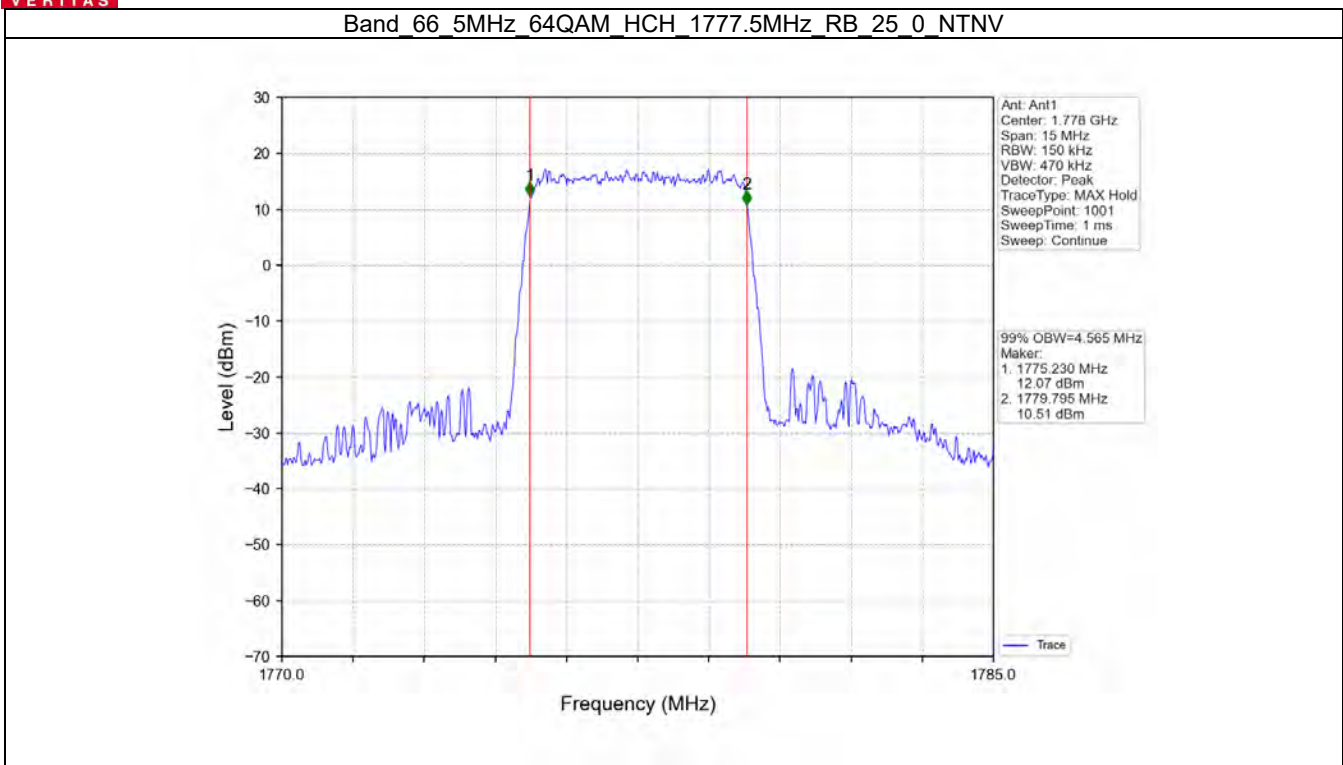
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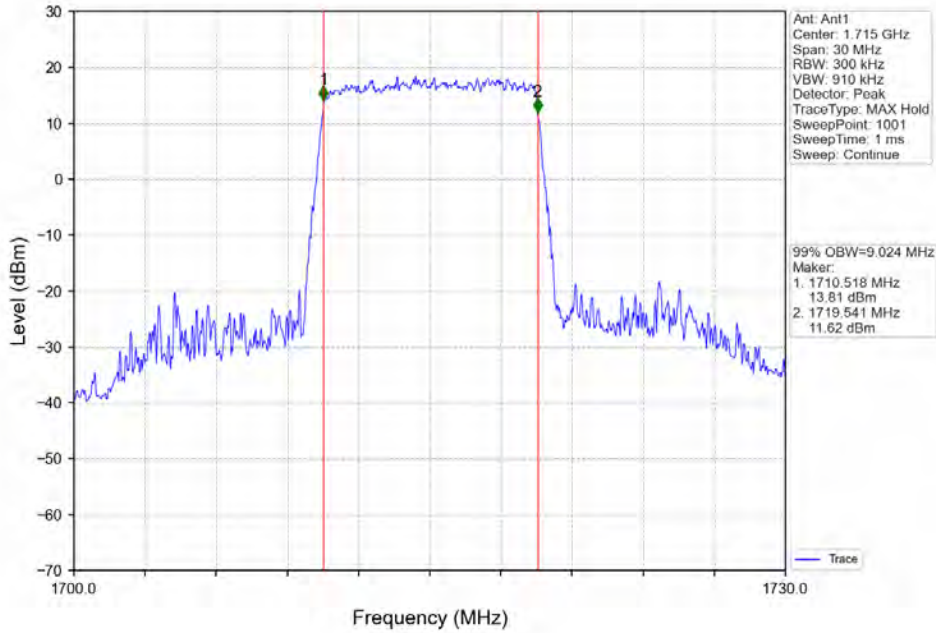
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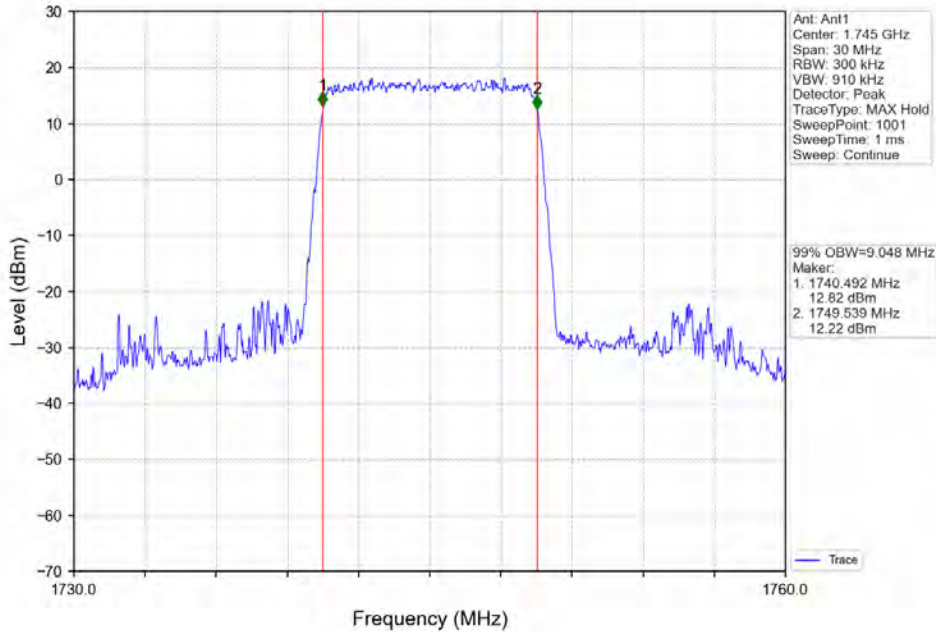




Band 66 10MHz QPSK LCH 1715MHz RB 50 0 NTVN



Band 66 10MHz QPSK MCH 1745MHz RB 50 0 NTVN



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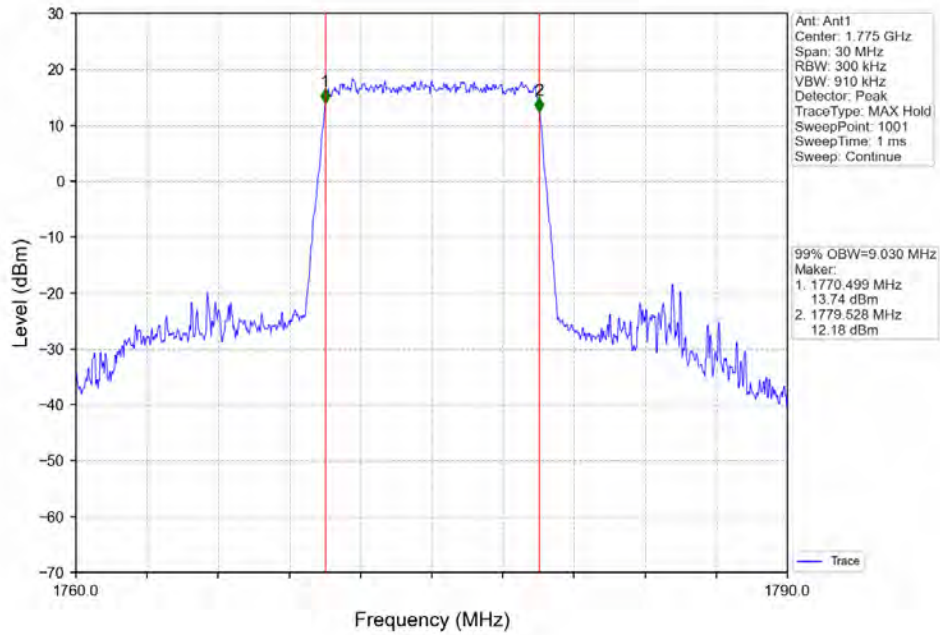
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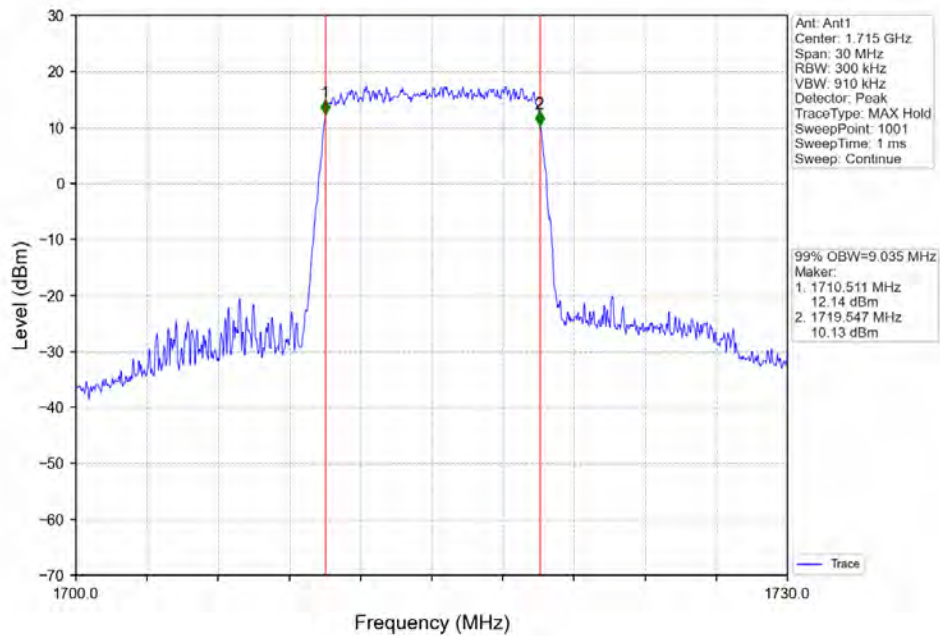
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Band 66 10MHz QPSK HCH 1775MHz RB 50 0 NTN

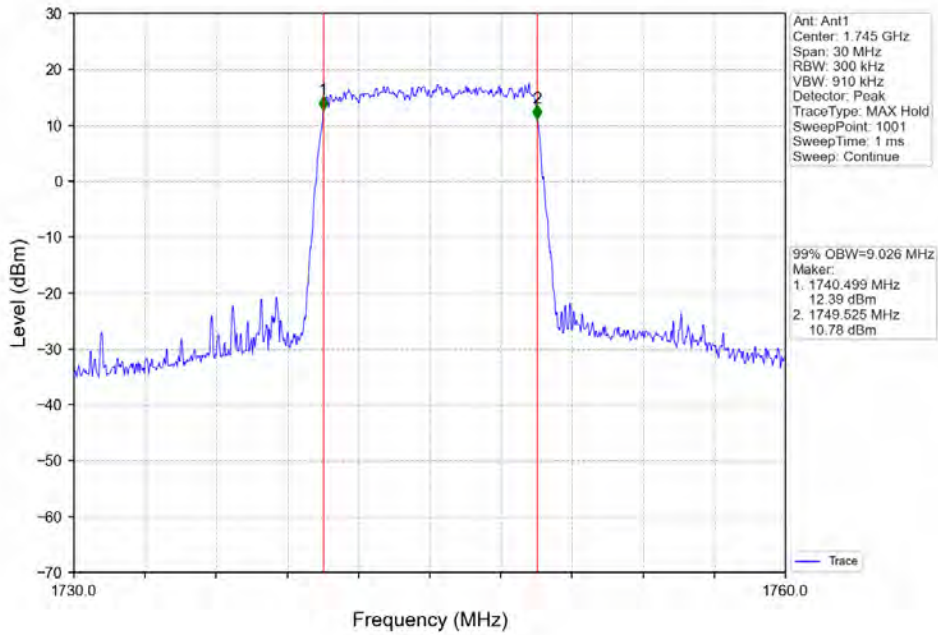


Band 66 10MHz 16QAM LCH 1715MHz RB 50 0 NTN

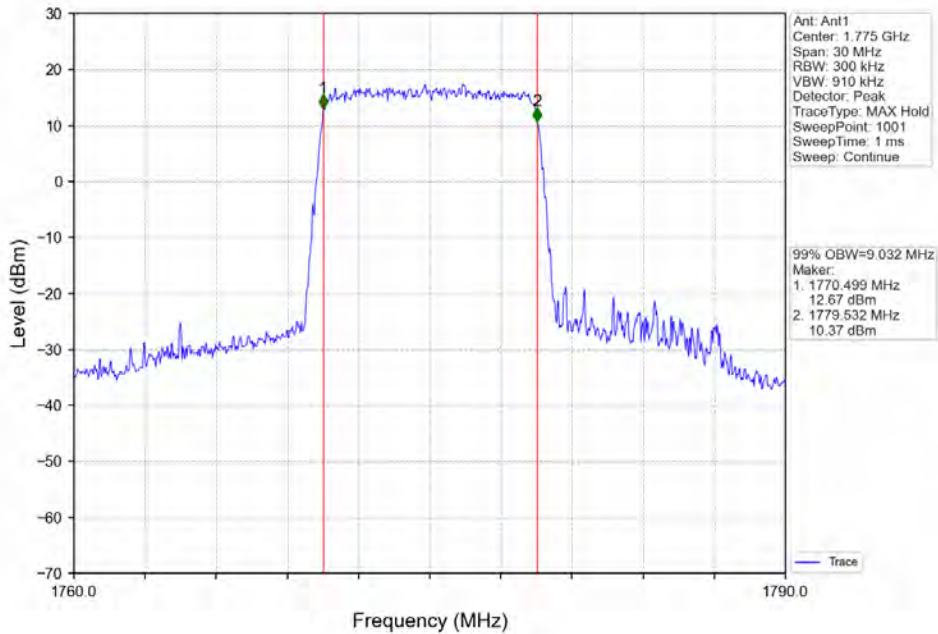




**Band 66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV**

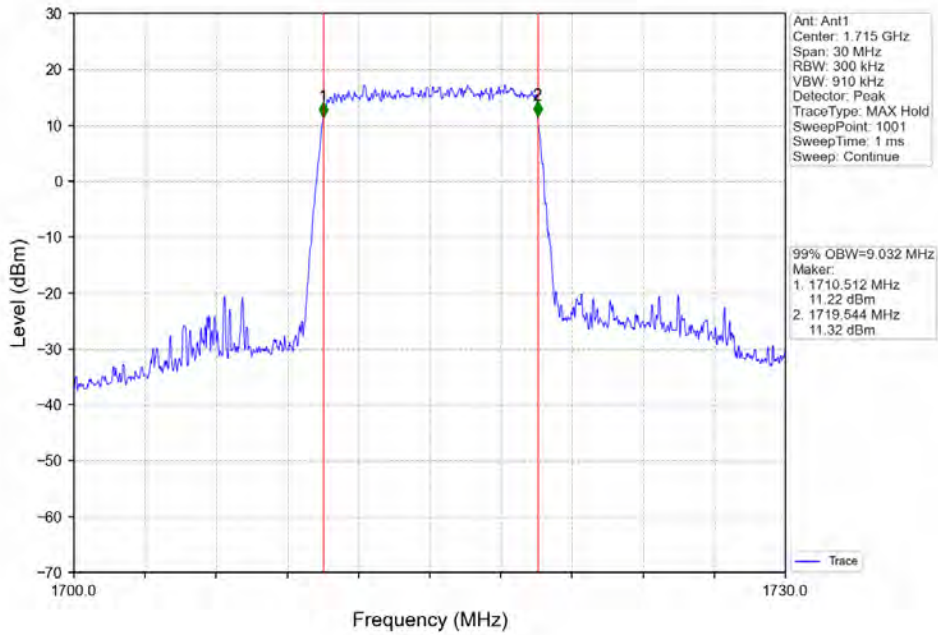


**Band 66 10MHz 16QAM HCH 1775MHz RB 50 0 NTV**

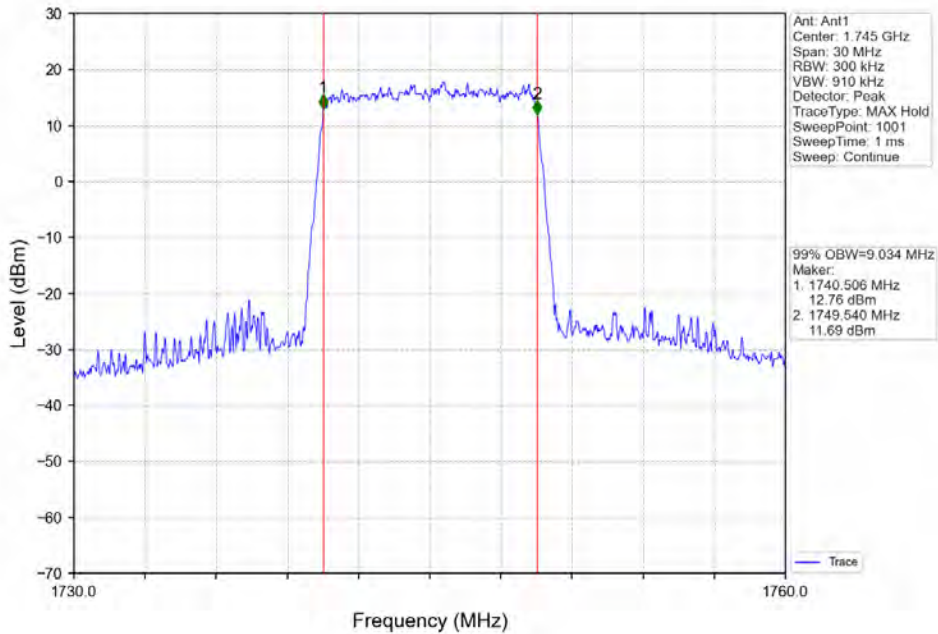




Band 66 10MHz 64QAM LCH 1715MHz RB 50 0 NTN



Band 66 10MHz 64QAM MCH 1745MHz RB 50 0 NTN

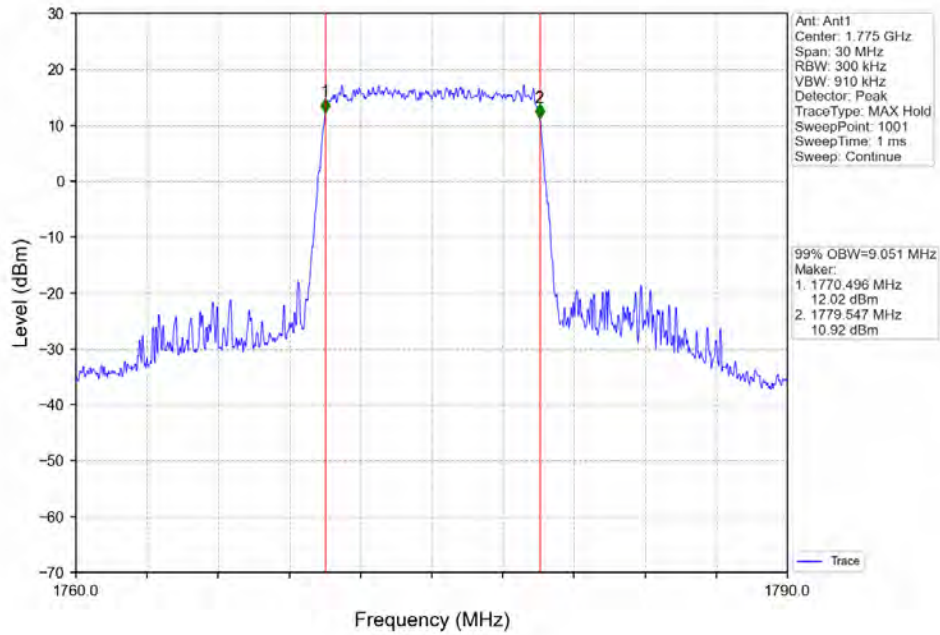




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Band 66 10MHz 64QAM HCH 1775MHz RB 50 0 NTV



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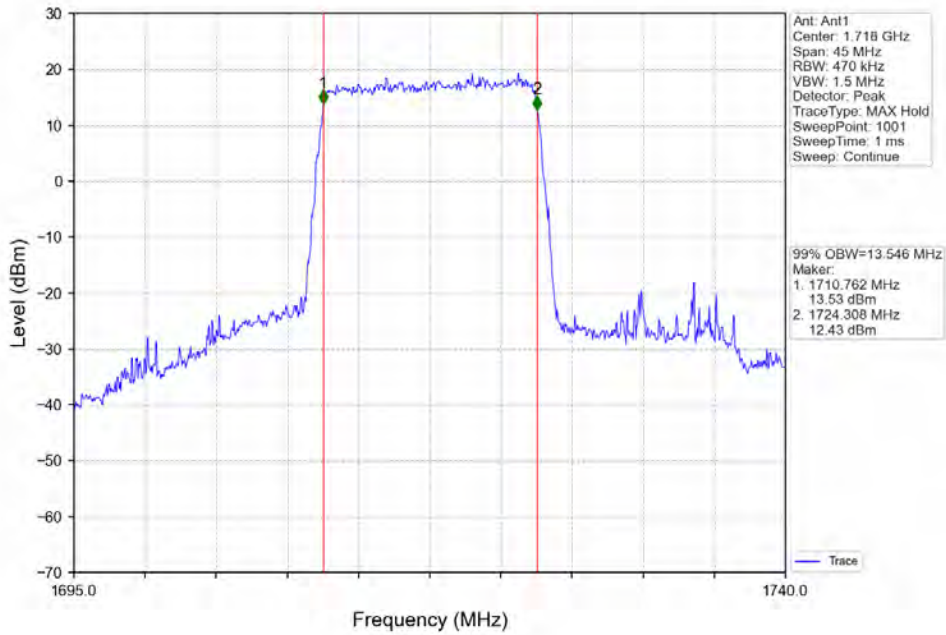
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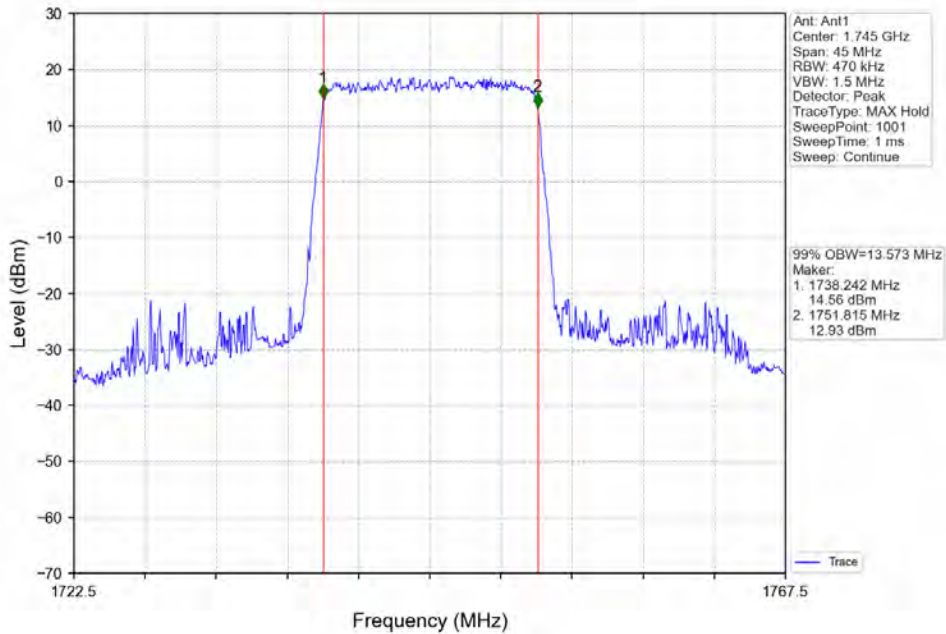




Band 66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

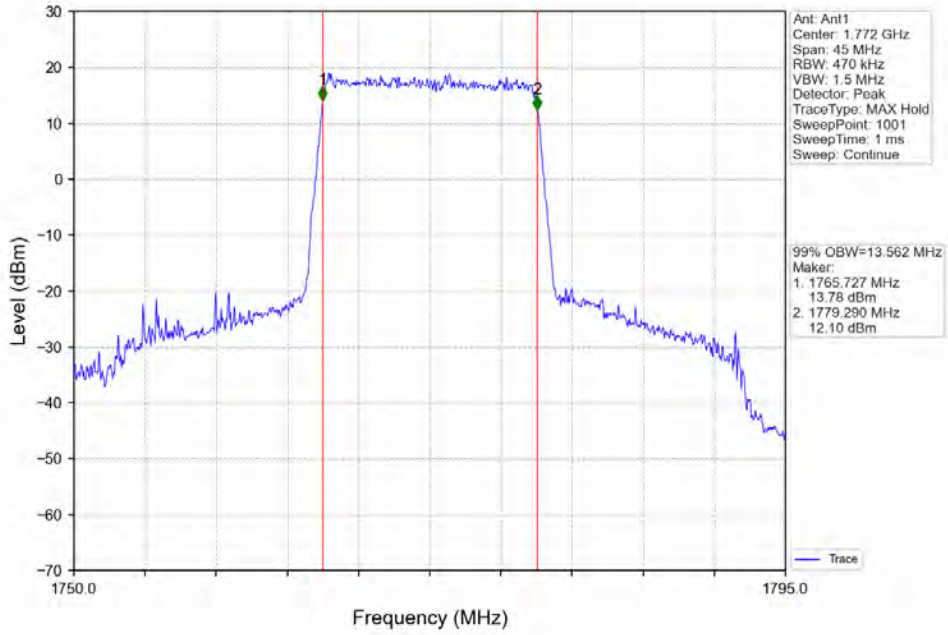


Band 66 15MHz QPSK MCH 1745MHz RB 75 0 NTV

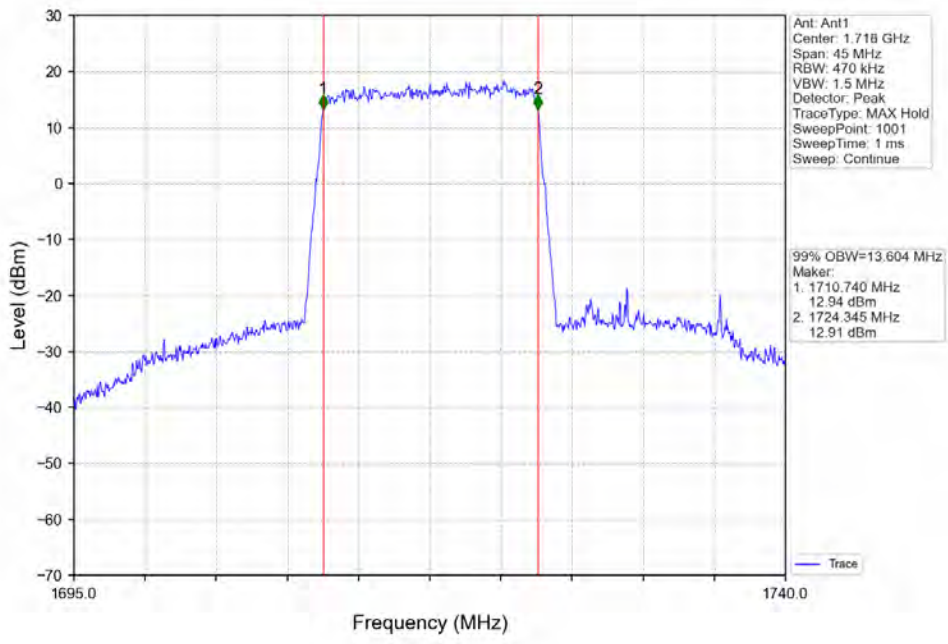




Band 66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTV



Band 66 15MHz 16QAM LCH 1717.5MHz RB 75 0 NTV



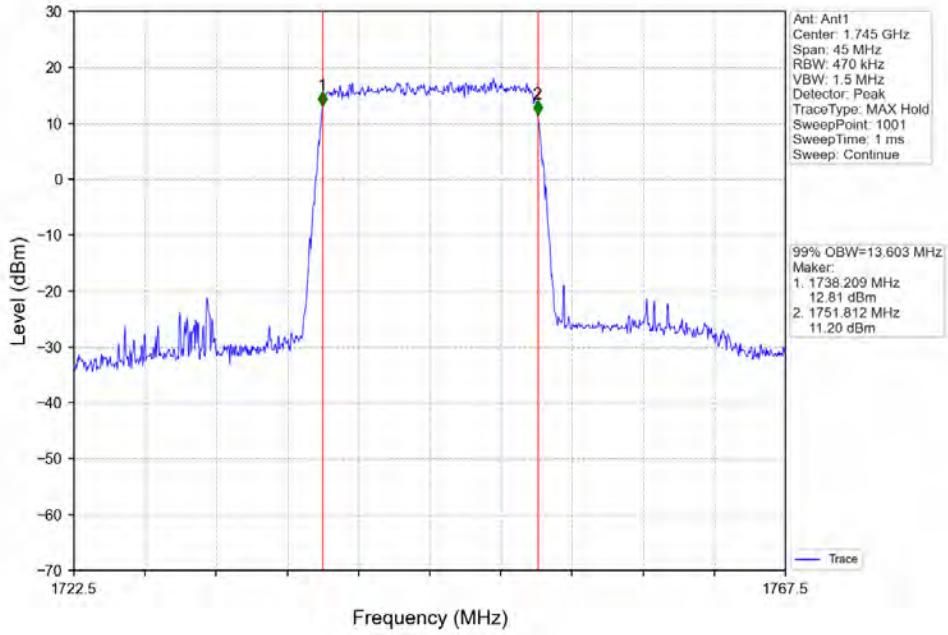
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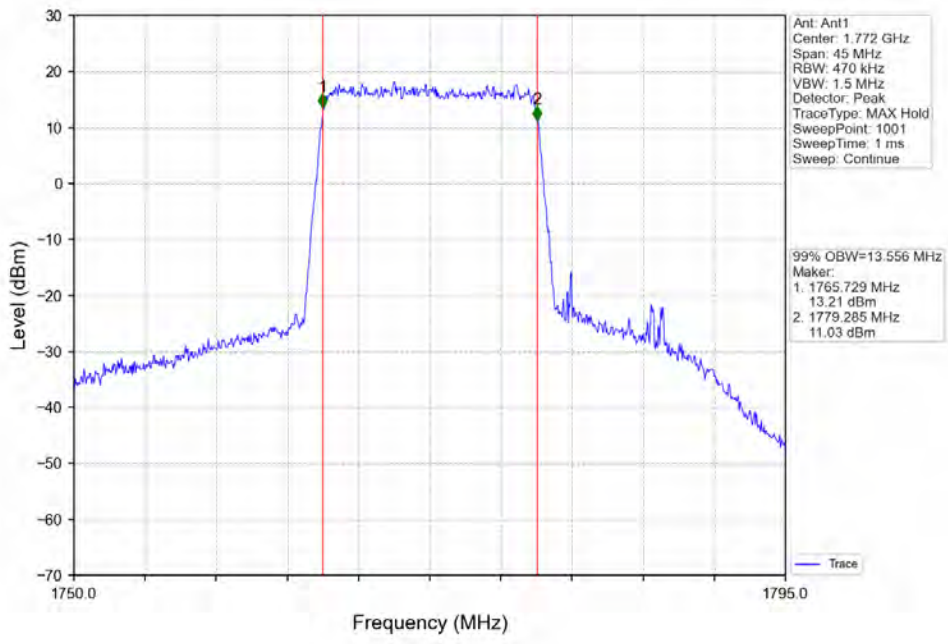
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Band 66 15MHz 16QAM MCH 1745MHz RB 75 0 NTV

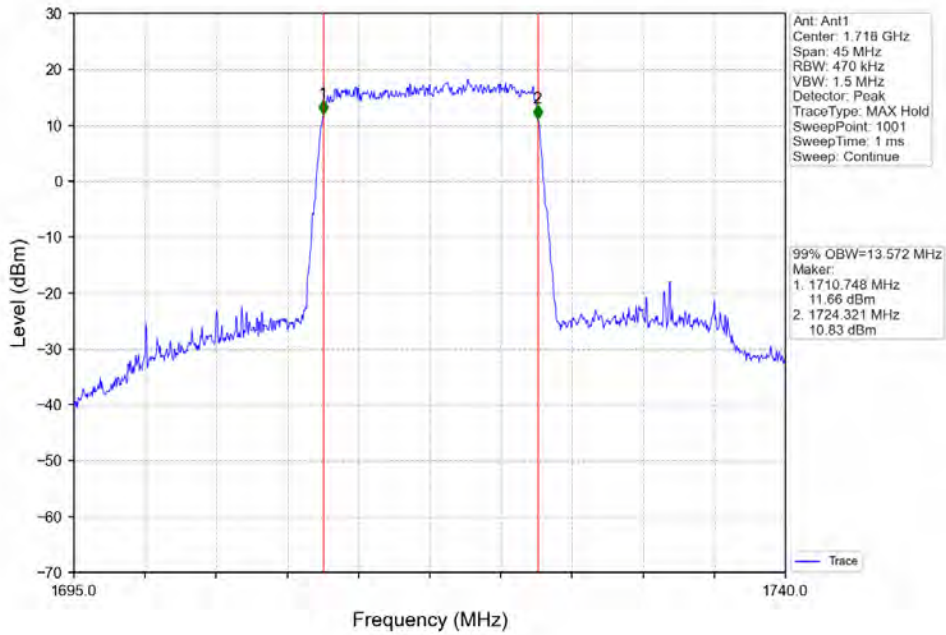


Band 66 15MHz 16QAM HCH 1772.5MHz RB 75 0 NTV

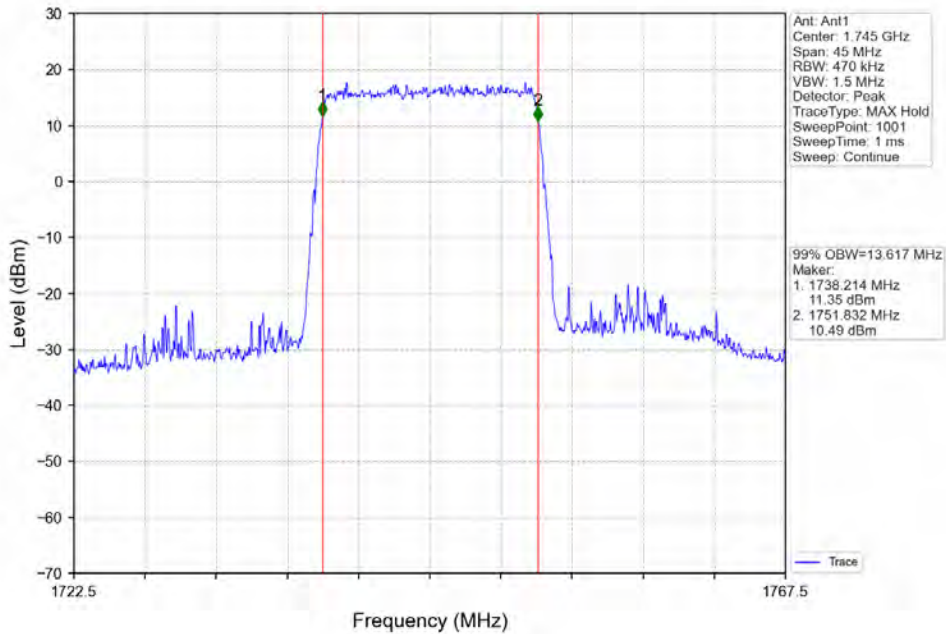




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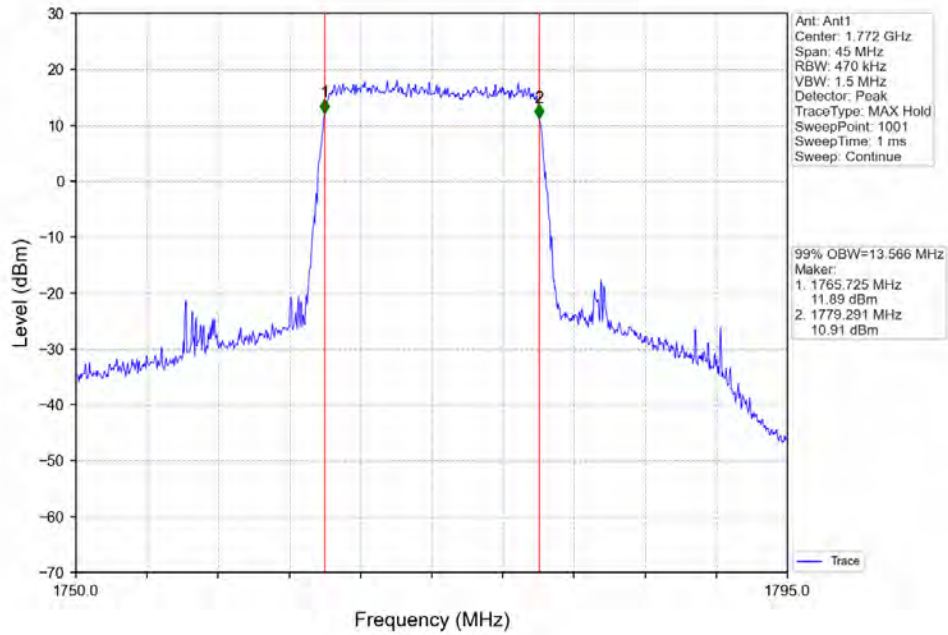




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Band 66 15MHz 64QAM HCH 1772.5MHz RB 75 0 NTV



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District, Shenzhen, Guangdong, China

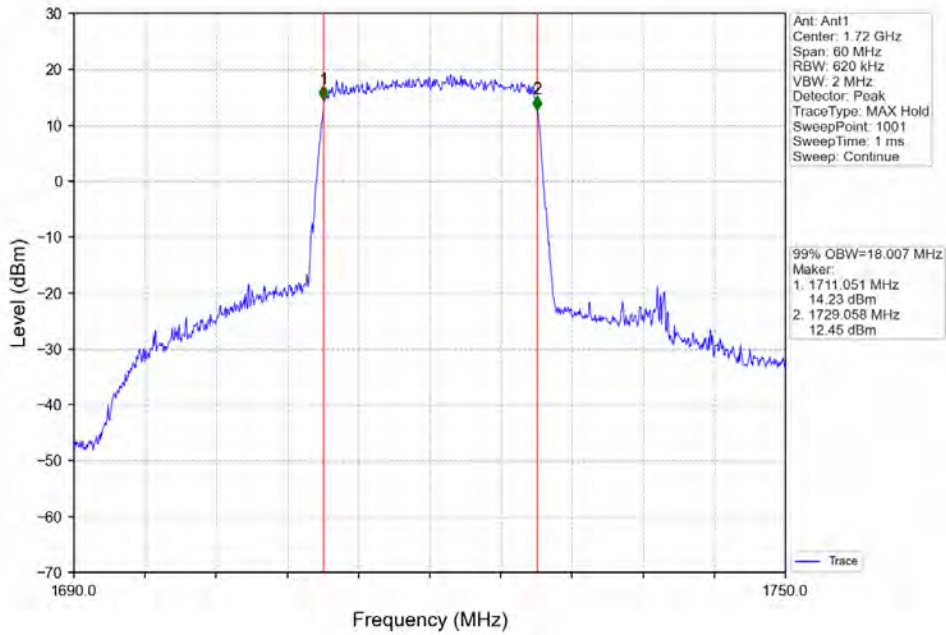
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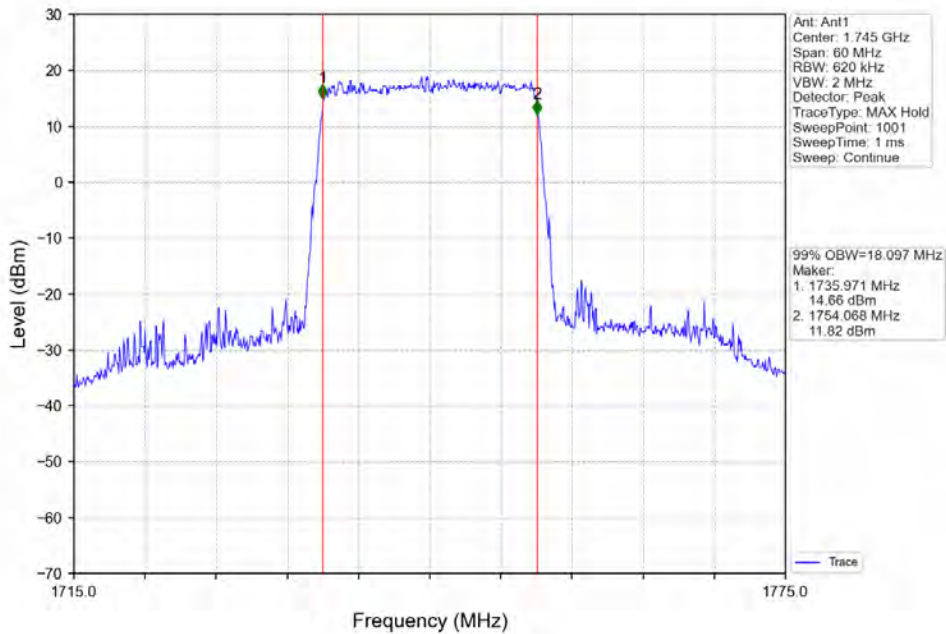
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**Band 66 20MHz QPSK LCH 1720MHz RB 100\_0 NTNv**

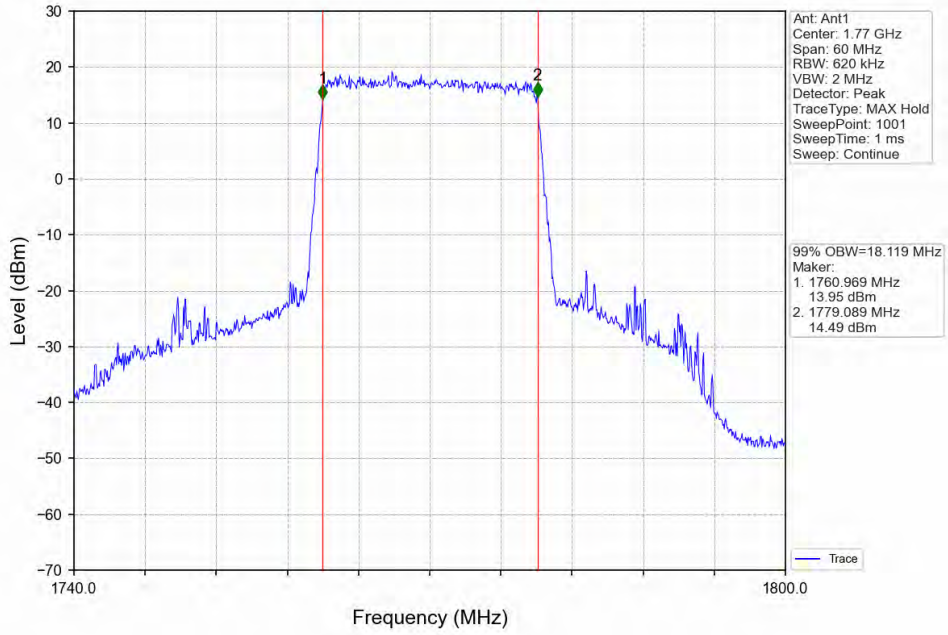


**Band 66 20MHz QPSK MCH 1745MHz RB 100\_0 NTNv**

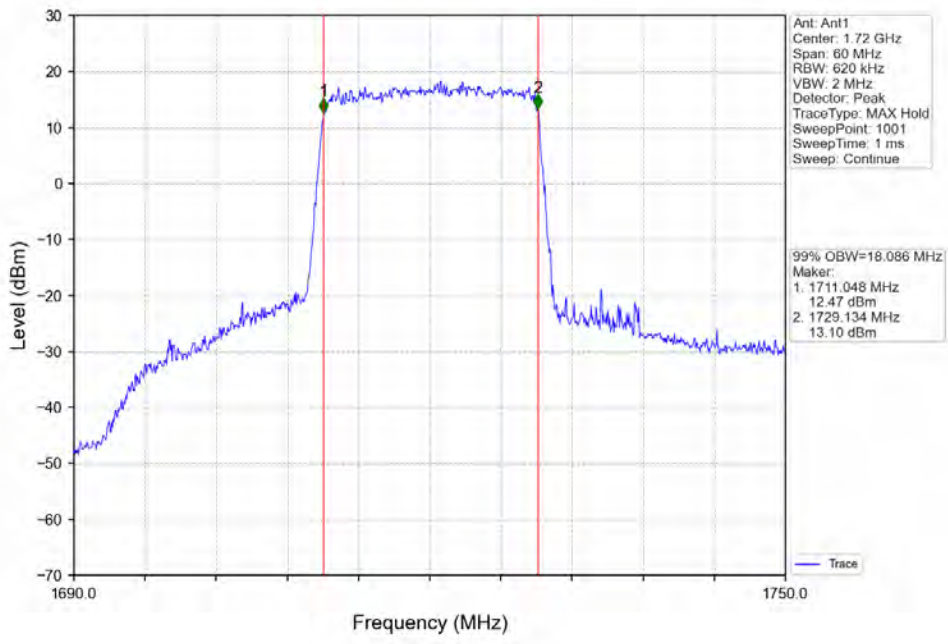




**Band 66 20MHz QPSK HCH 1770MHz RB 100 0 NTV**



**Band 66 20MHz 16QAM LCH 1720MHz RB 100 0 NTV**



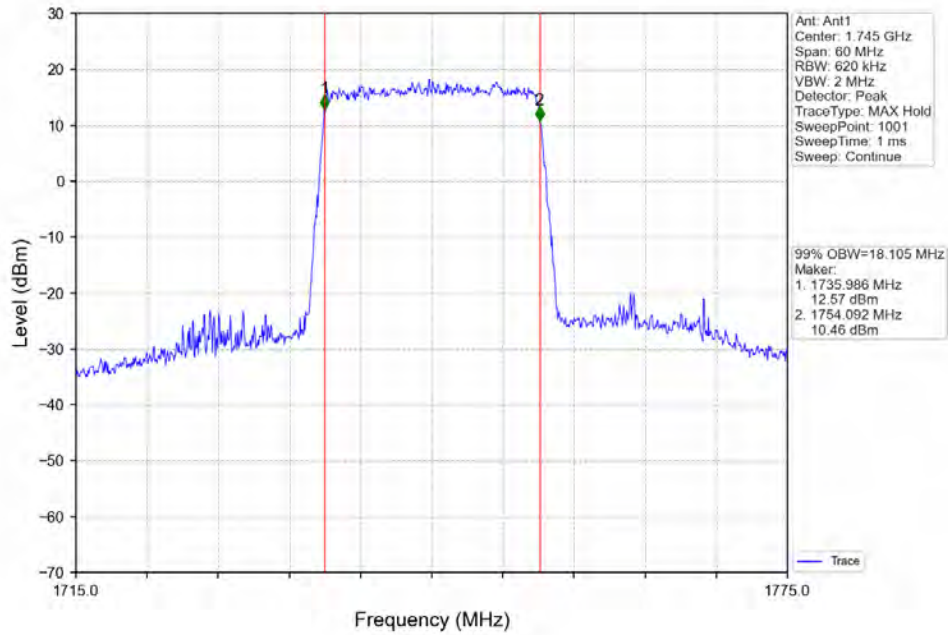
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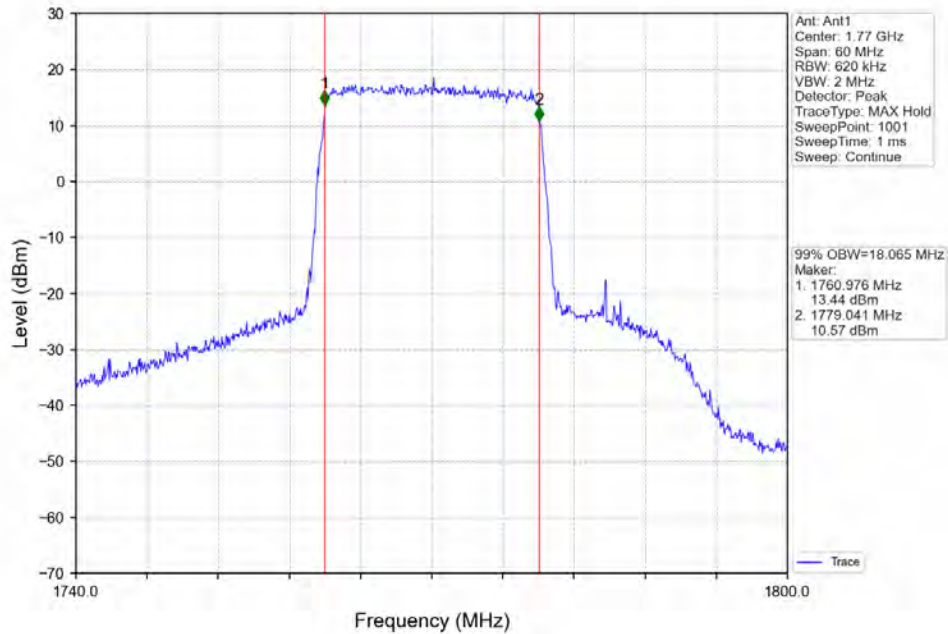
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Band\_66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



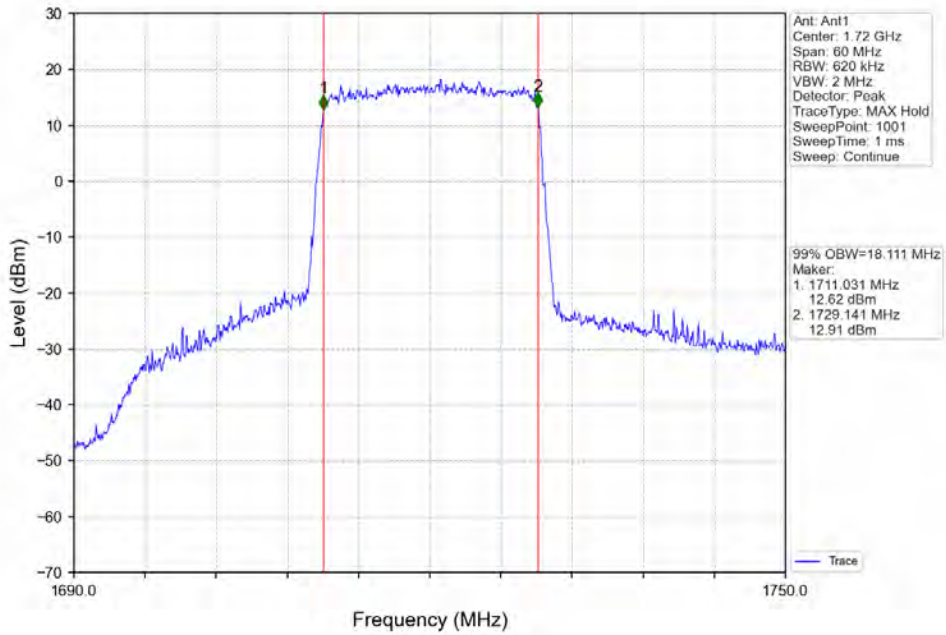
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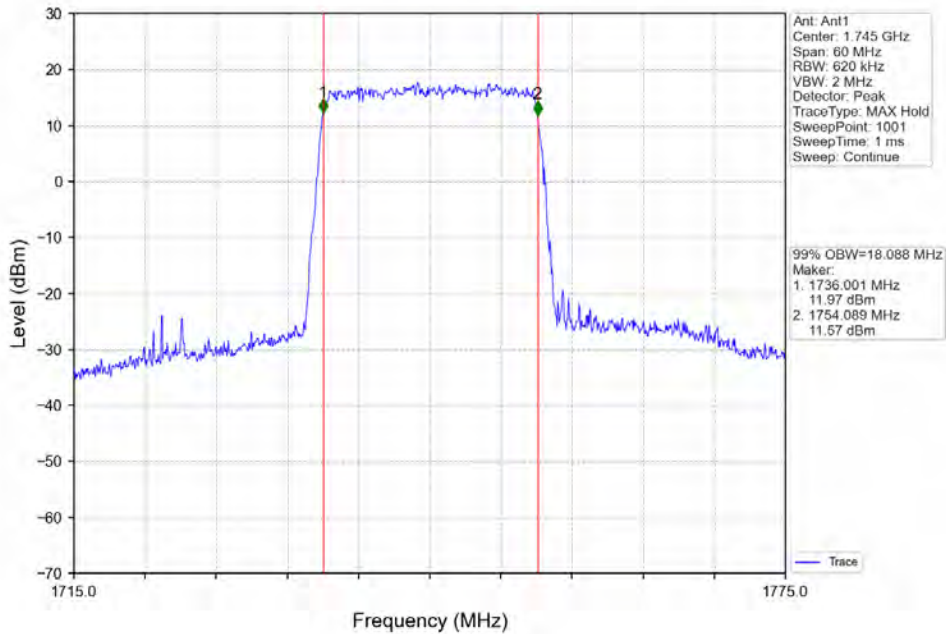




Band 66 20MHz 64QAM LCH 1720MHz RB 100 0 NTNV



Band 66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



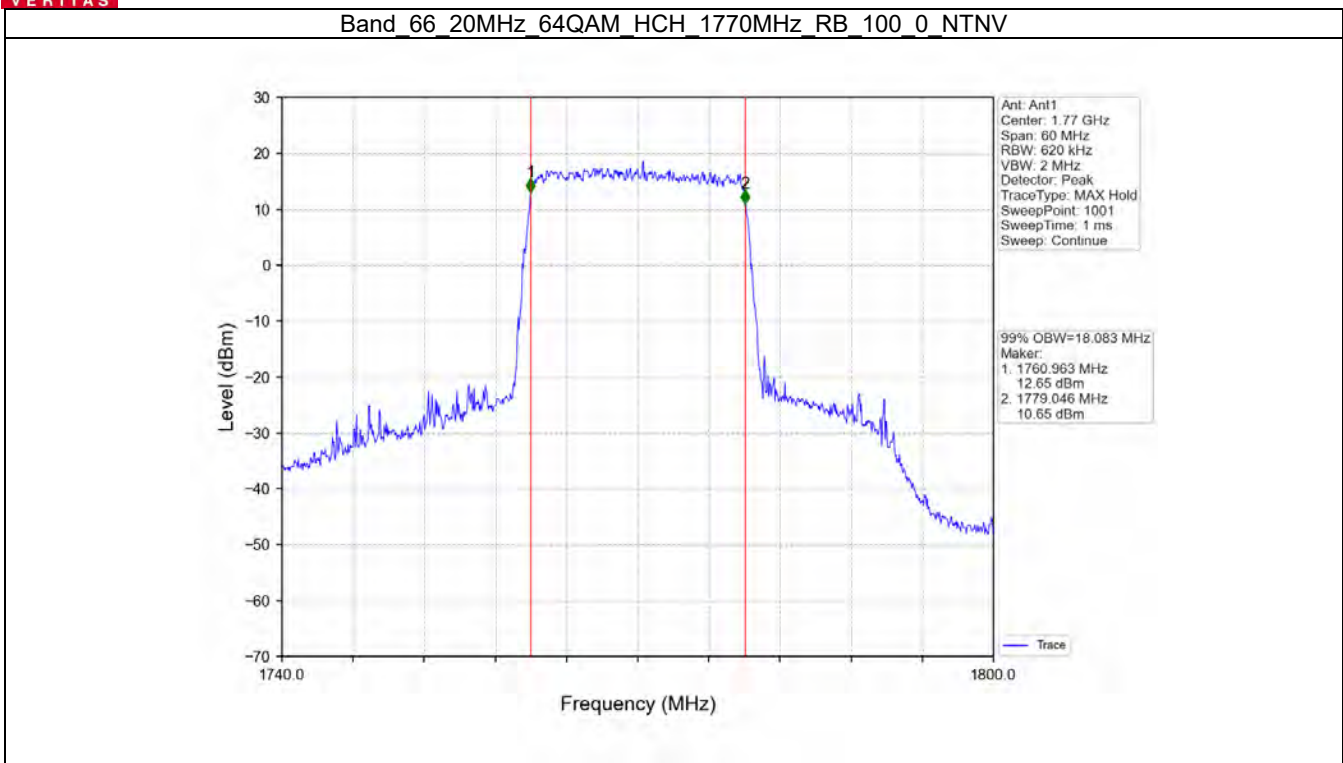
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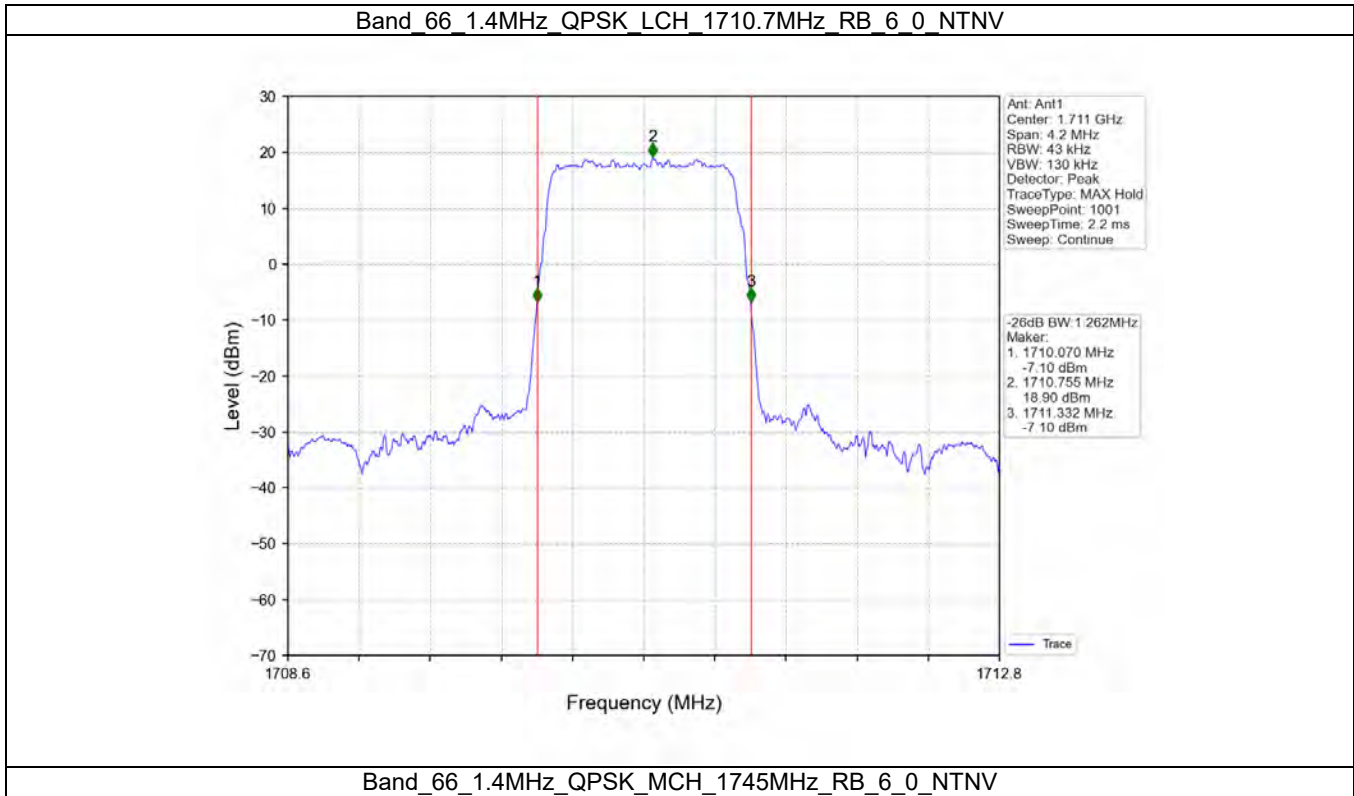
## 2.4.0 LTE Band 66 26DB

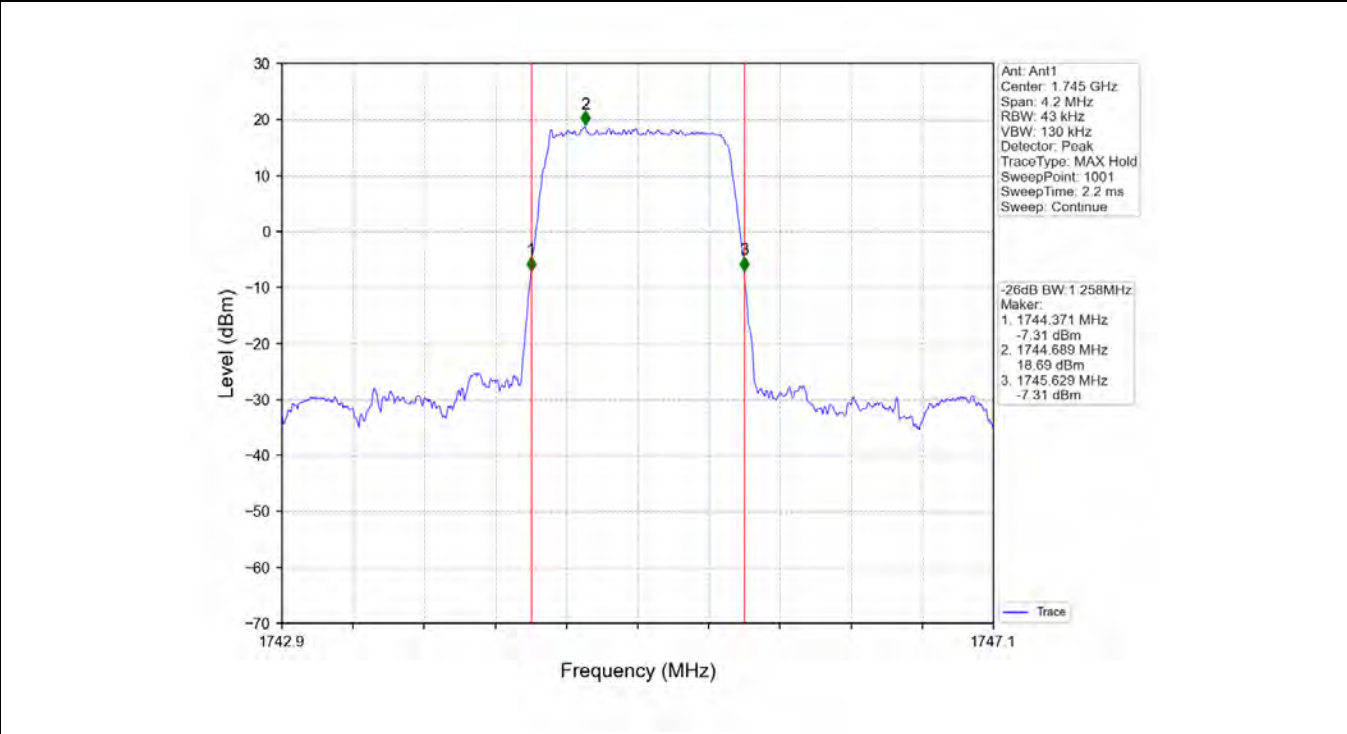
### 2.4.0.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.262	1.258	1.270	/	Pass
16QAM	6	0	1.268	1.251	1.270	/	Pass
64QAM	6	0	1.264	1.250	1.261	/	Pass
Band: 66 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.064	3.064	3.040	/	Pass
16QAM	15	0	3.087	3.078	3.072	/	Pass
64QAM	15	0	3.059	3.076	3.078	/	Pass
Band: 66 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.047	5.044	5.042	/	Pass
16QAM	25	0	5.052	5.053	5.062	/	Pass
64QAM	25	0	5.046	5.060	5.072	/	Pass
Band: 66 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.016	10.010	10.007	/	Pass
16QAM	50	0	10.010	9.933	9.945	/	Pass
64QAM	50	0	9.932	9.966	9.961	/	Pass
Band: 66 / Bandwidth: 15MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	15.034	14.990	14.968	/	Pass
16QAM	75	0	14.882	14.913	14.927	/	Pass
64QAM	75	0	14.944	14.927	14.962	/	Pass
Band: 66 / Bandwidth: 20MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	19.672	20.092	19.806	/	Pass
16QAM	100	0	19.660	19.840	19.679	/	Pass
64QAM	100	0	19.682	19.802	19.747	/	Pass



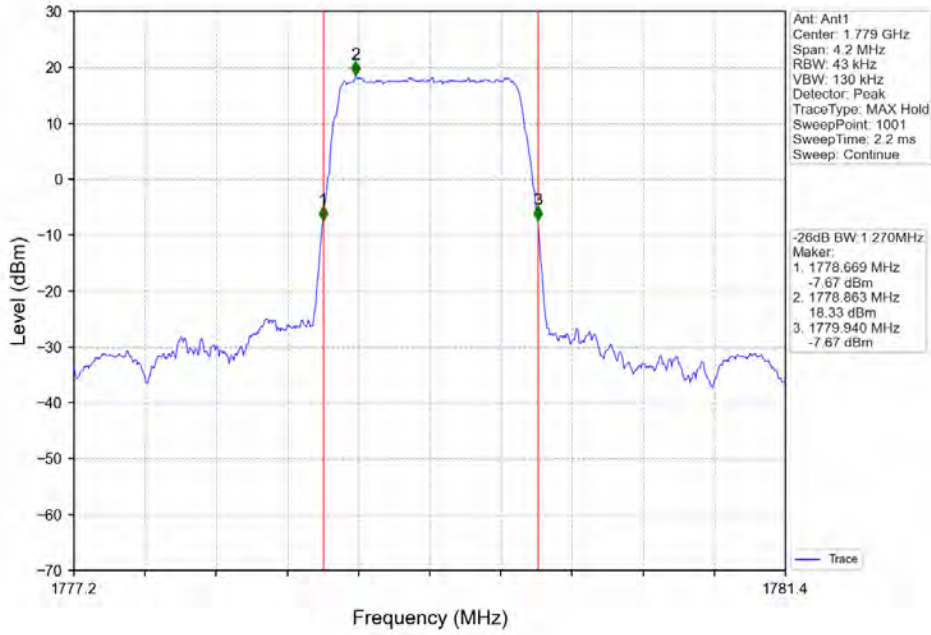
### 2.4.0.2 Test Graph



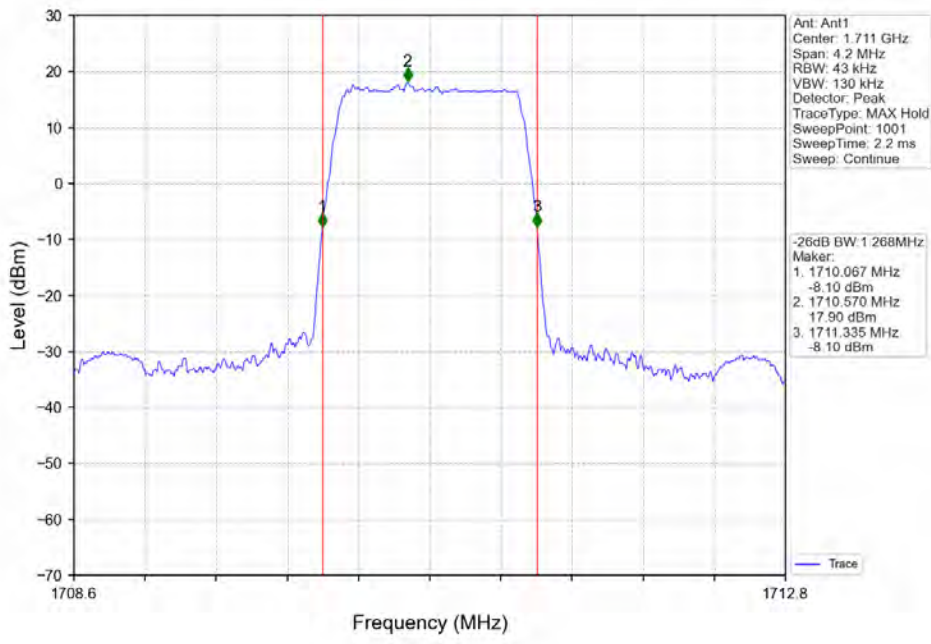




Band 66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTV



Band 66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



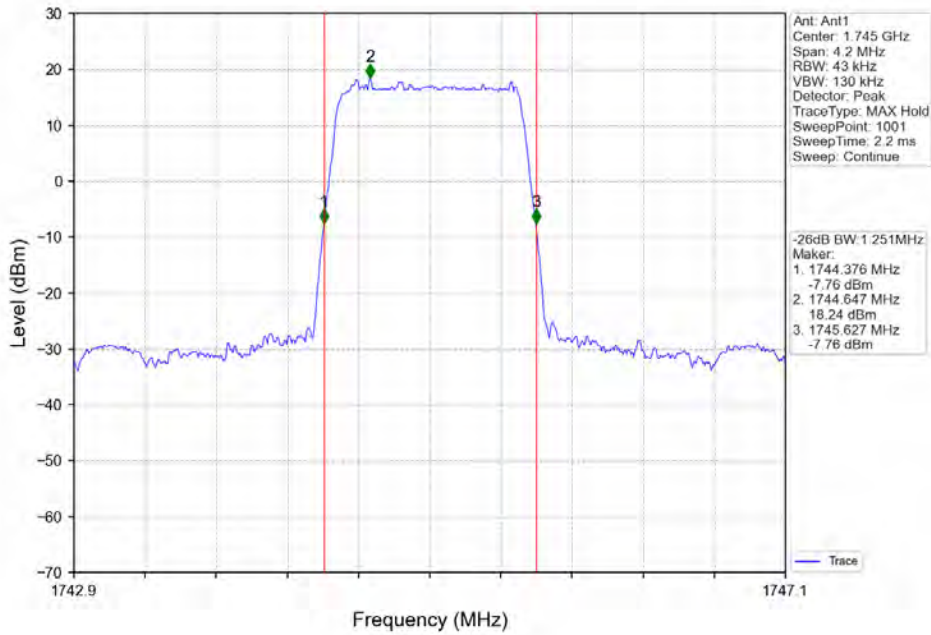
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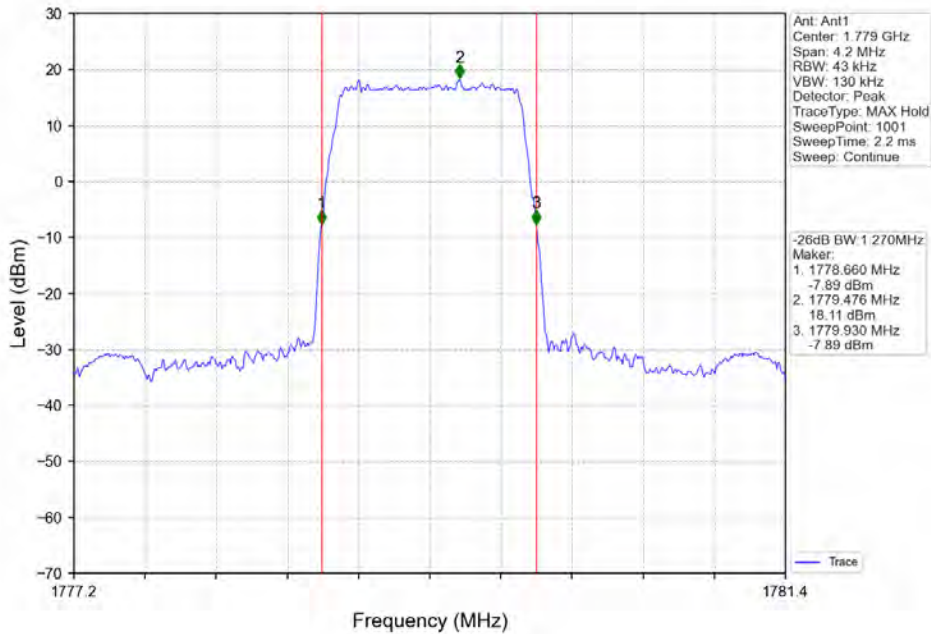
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Band 66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTV



Band 66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTV



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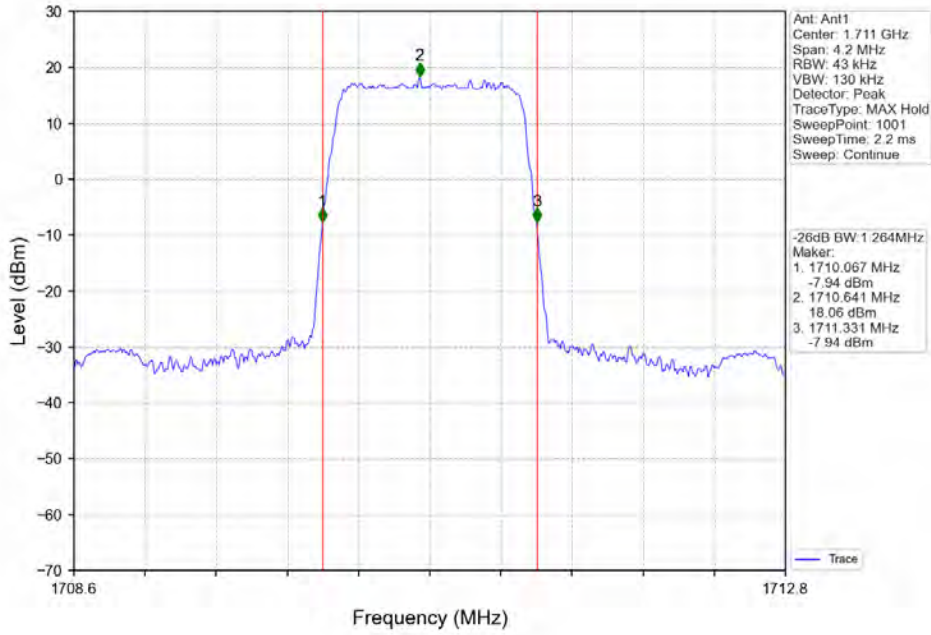
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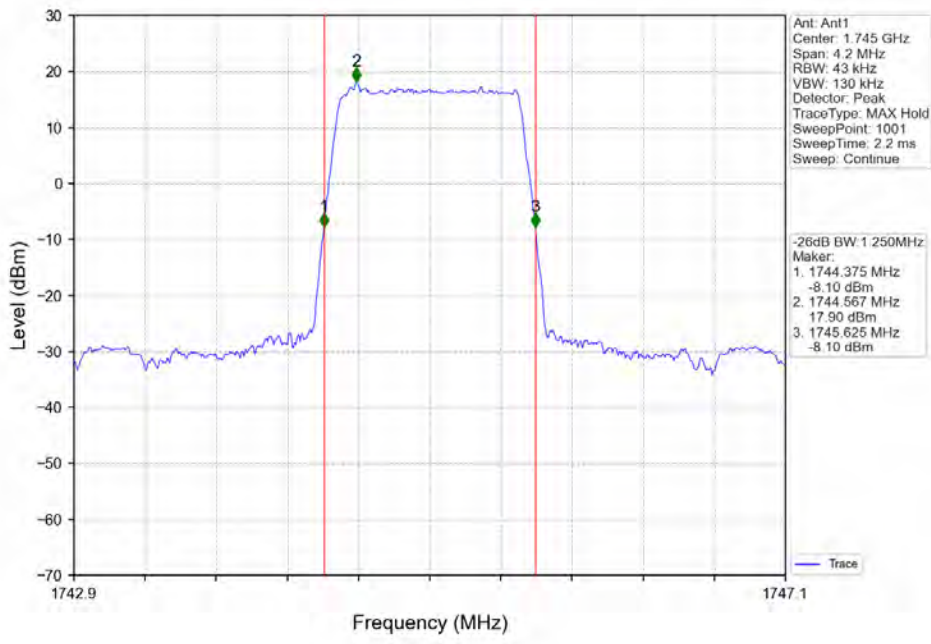
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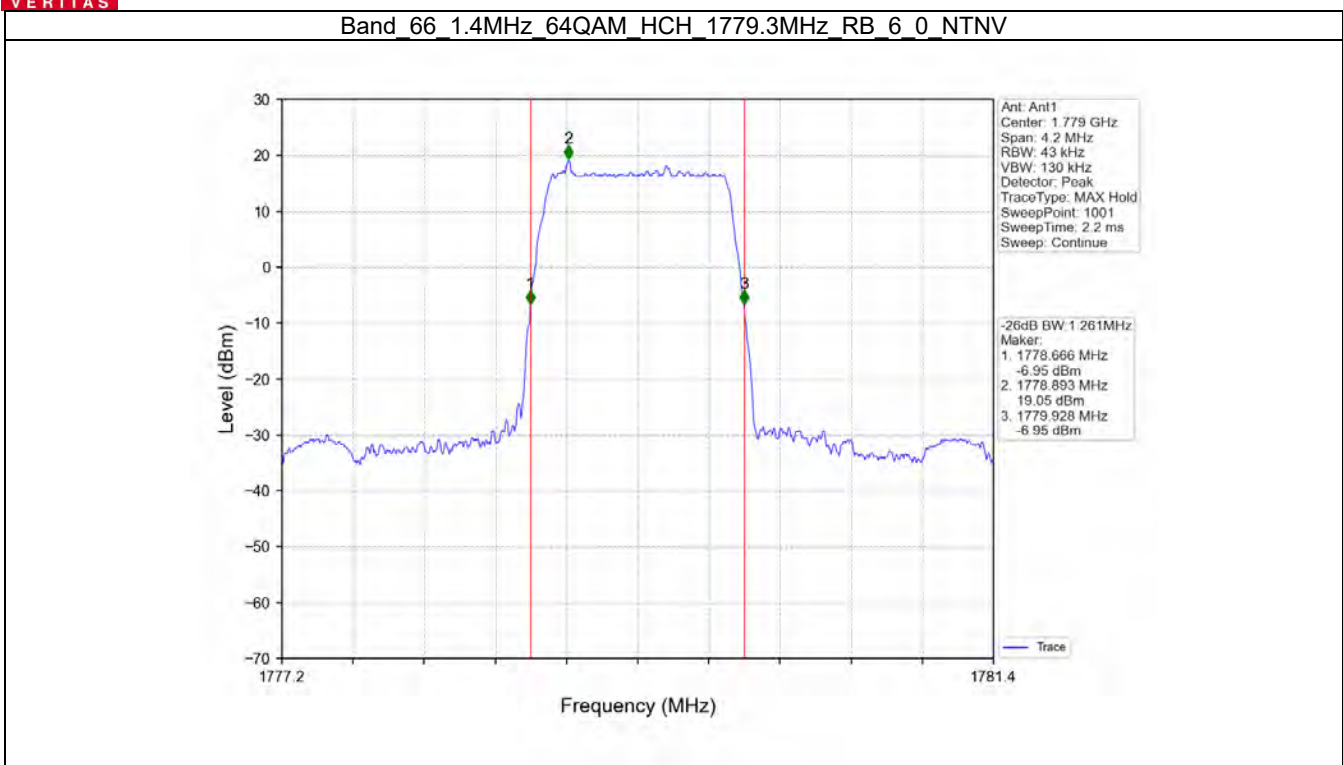
Band 66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTN

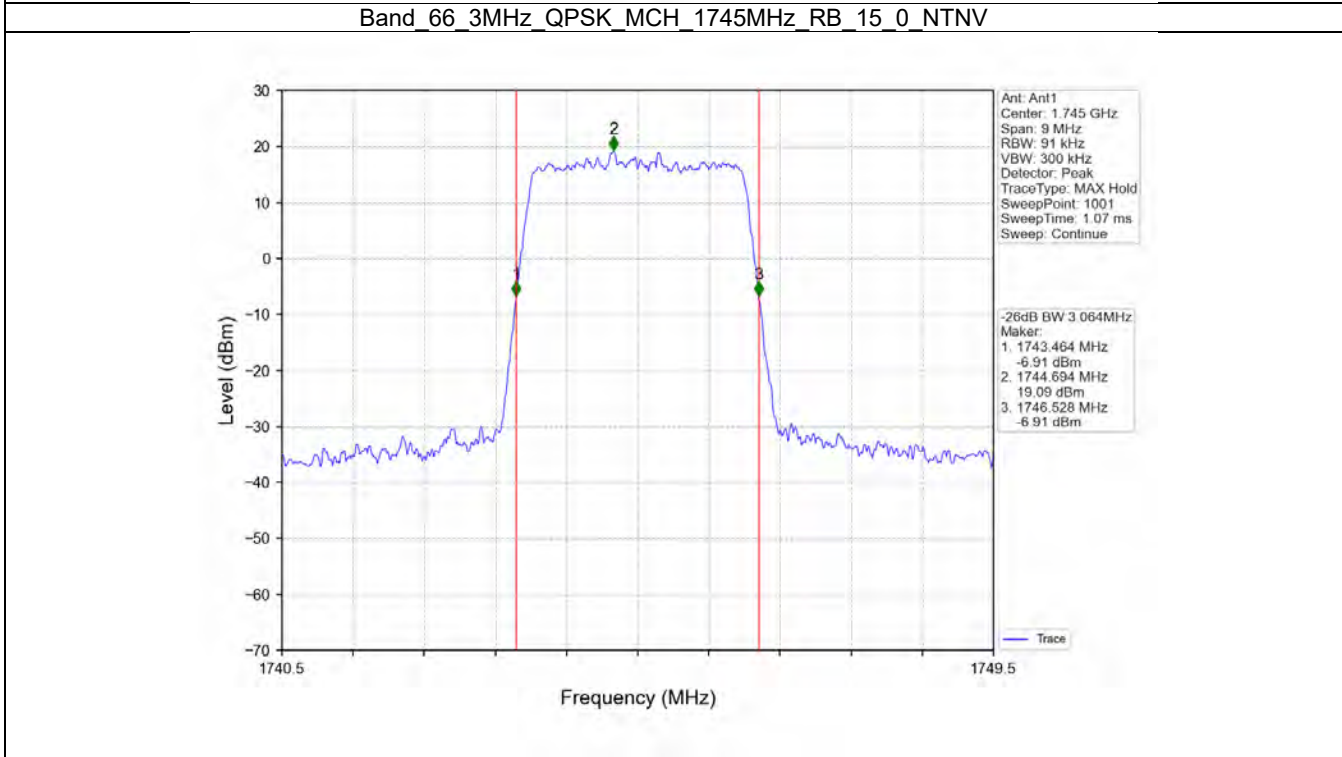
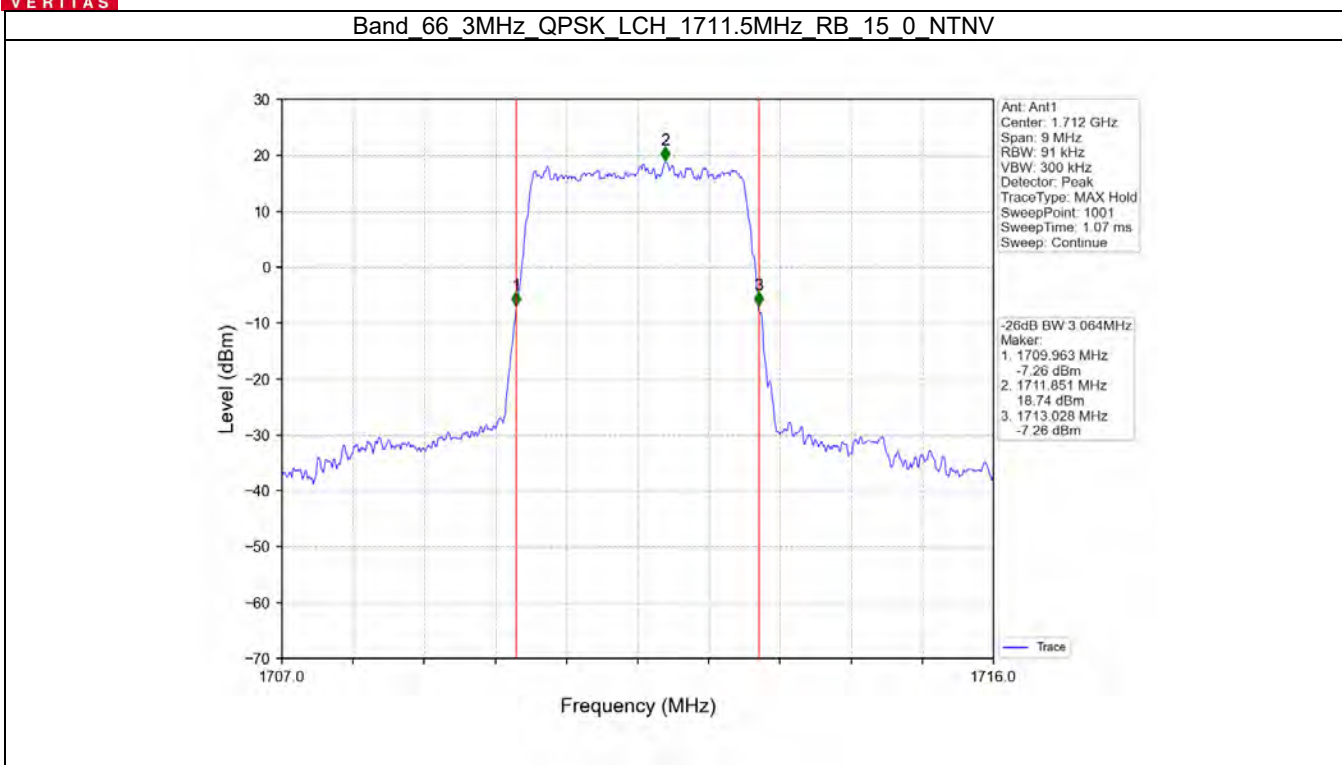


Band 66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTN









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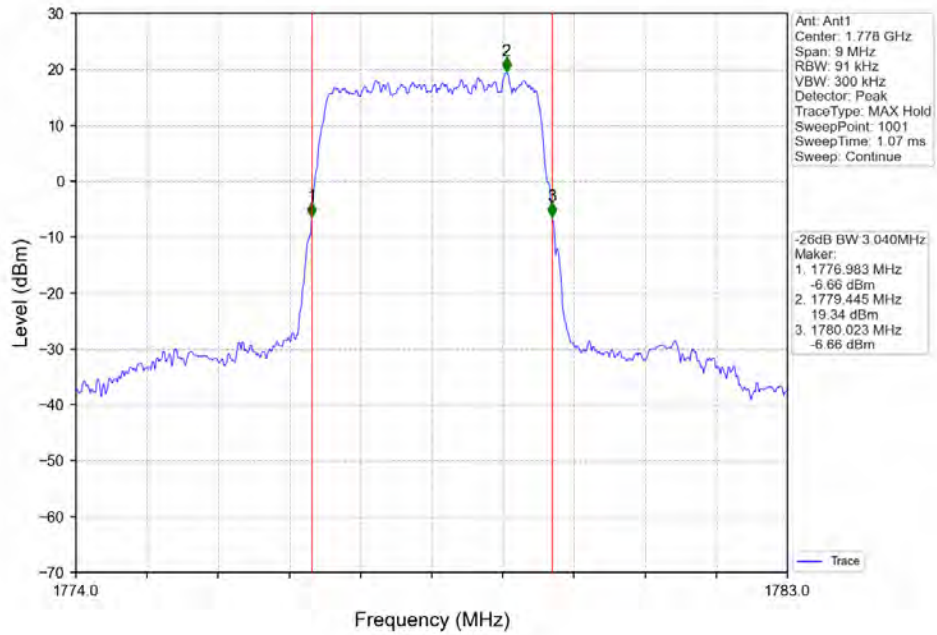
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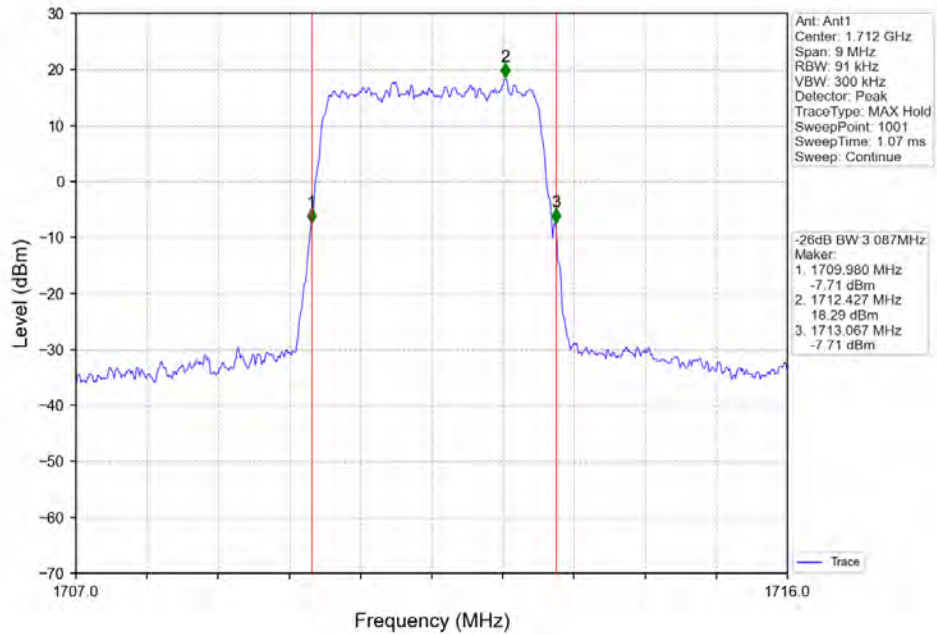
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Band 66 3MHz QPSK HCH 1778.5MHz RB 15\_0 NTN

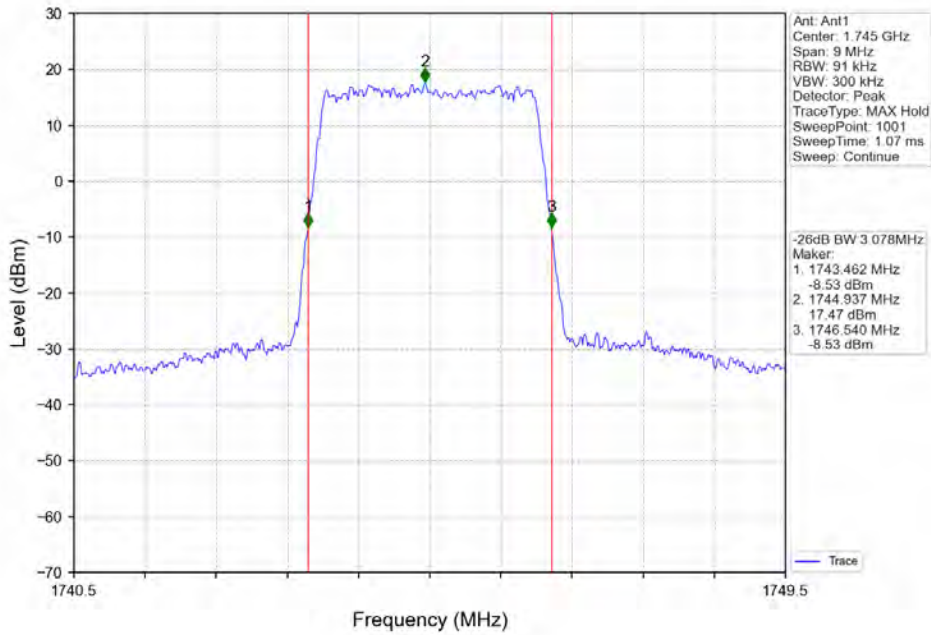


Band 66 3MHz 16QAM LCH 1711.5MHz RB 15\_0 NTN

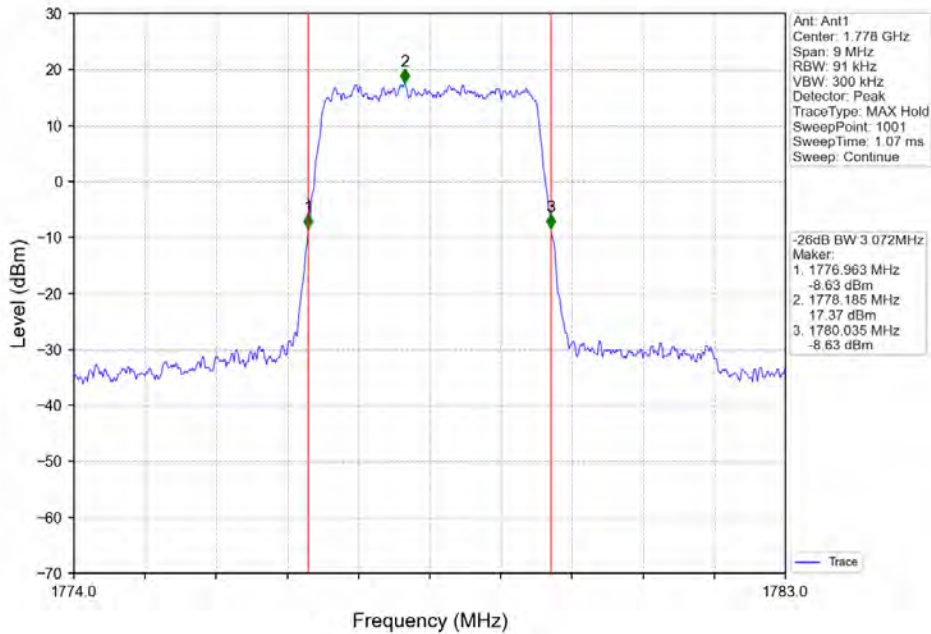




Band 66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



Band 66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



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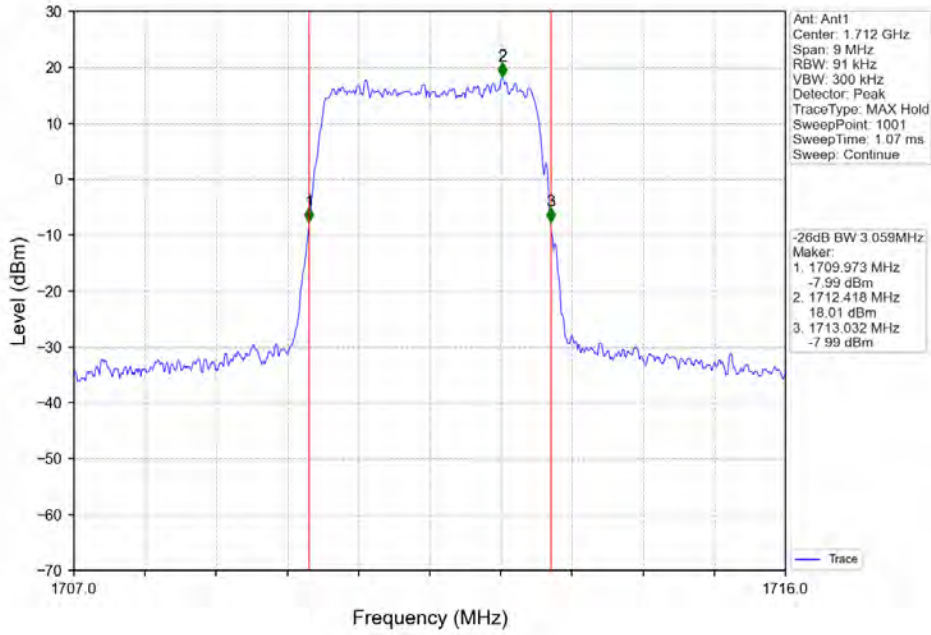
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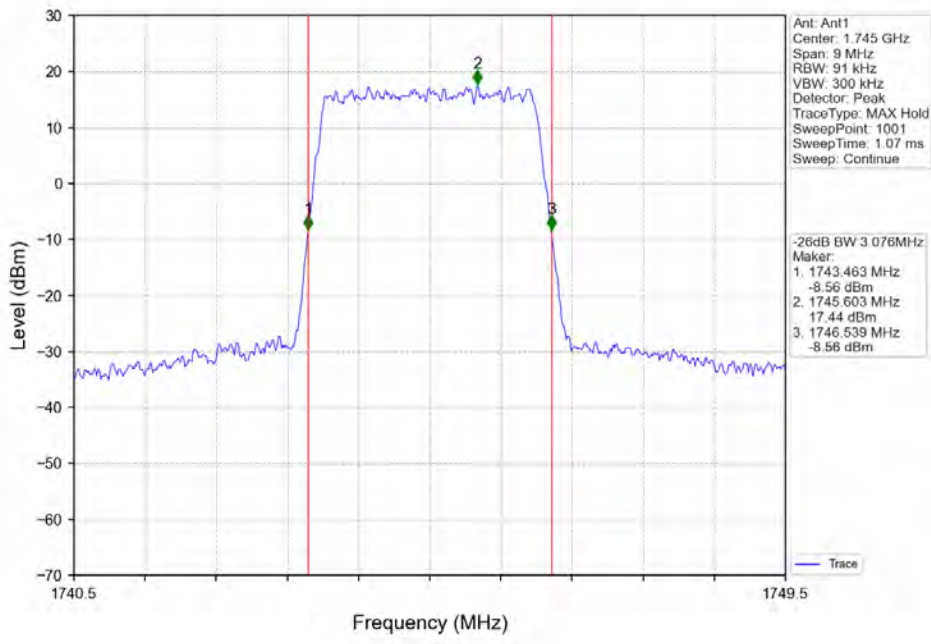
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Band 66 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



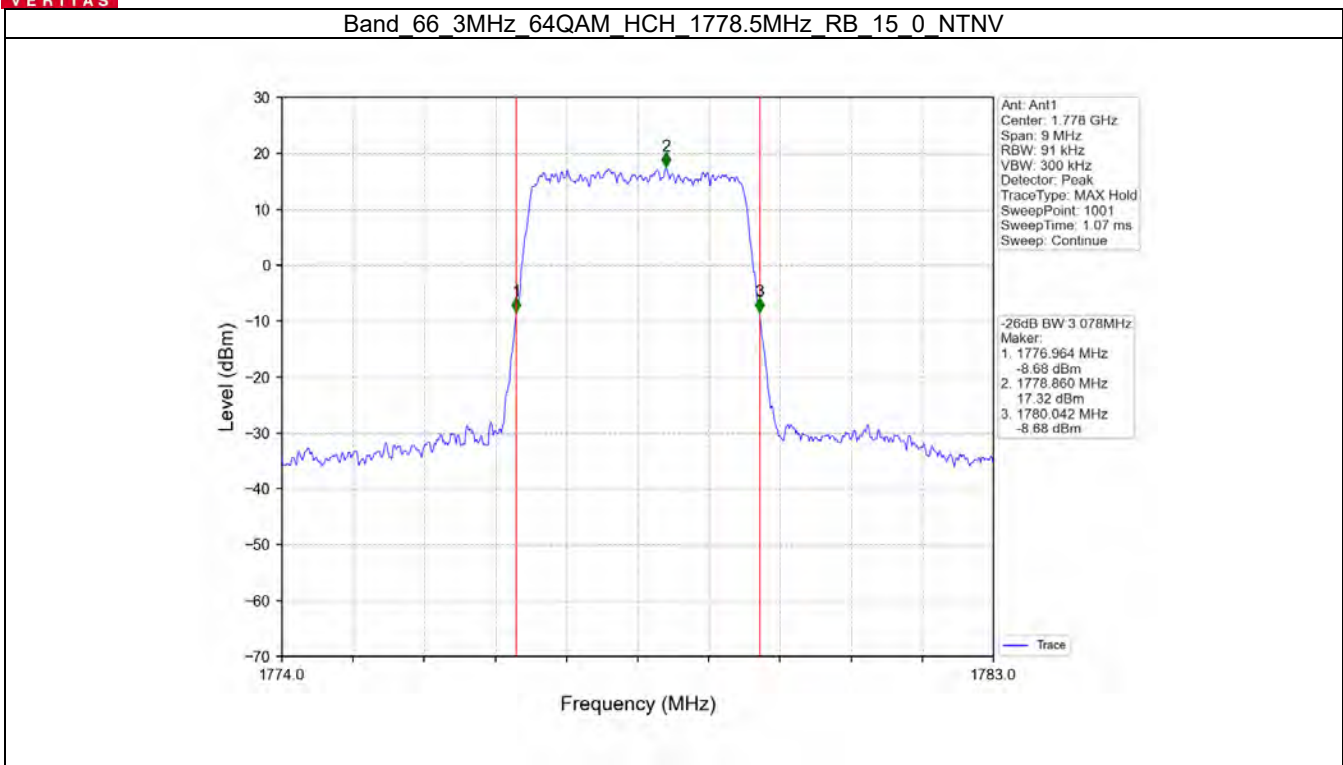
Band 66 3MHz 64QAM MCH 1745MHz RB 15 0 NTNV



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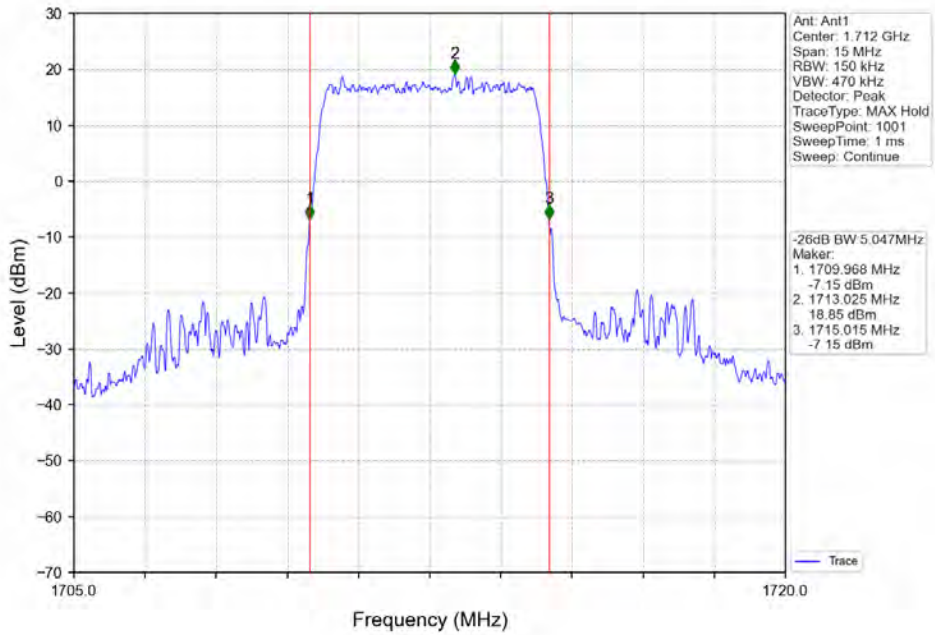
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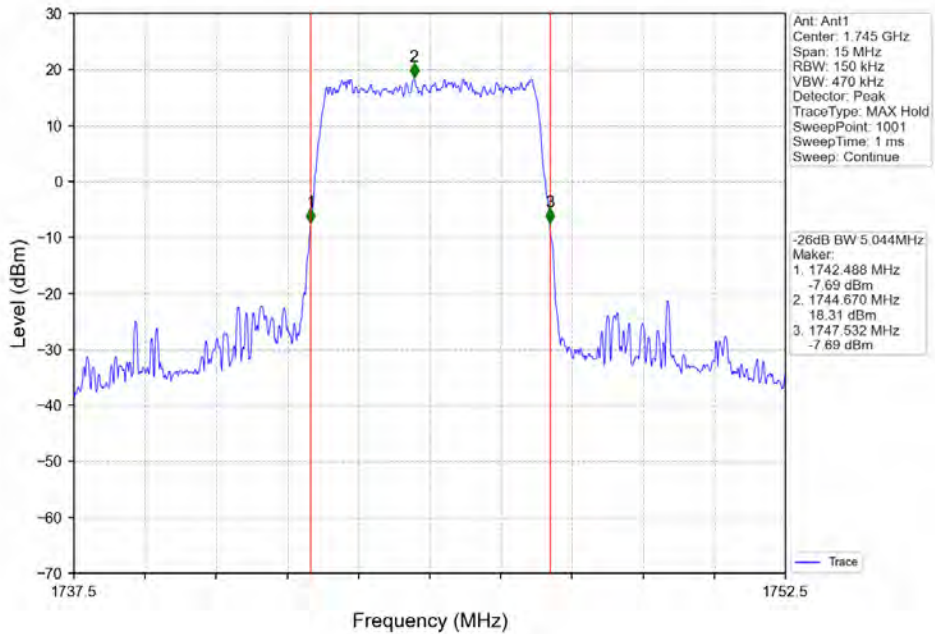




Band 66 5MHz QPSK LCH 174.0.5MHz RB 25 0 NTN



Band 66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



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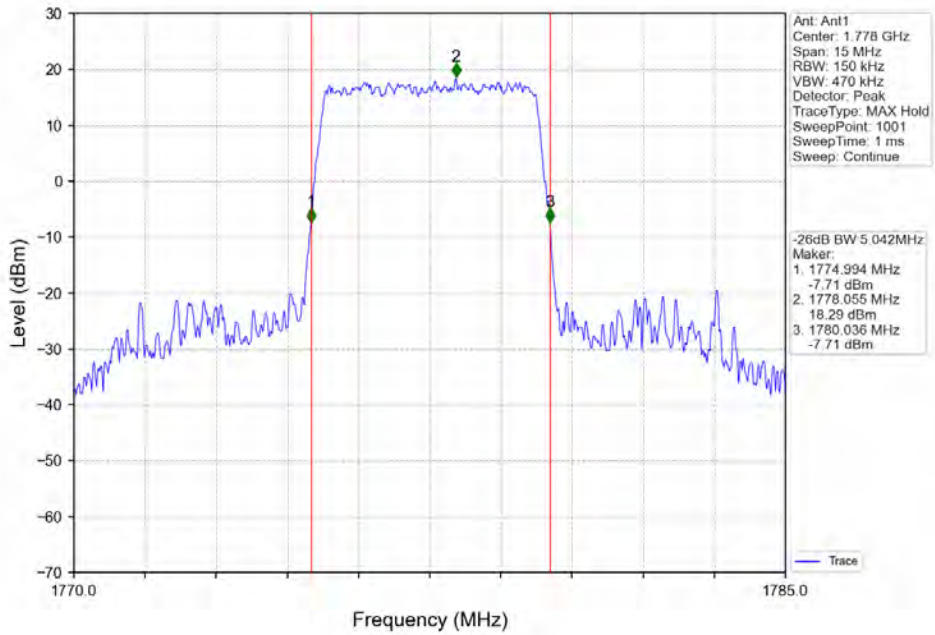
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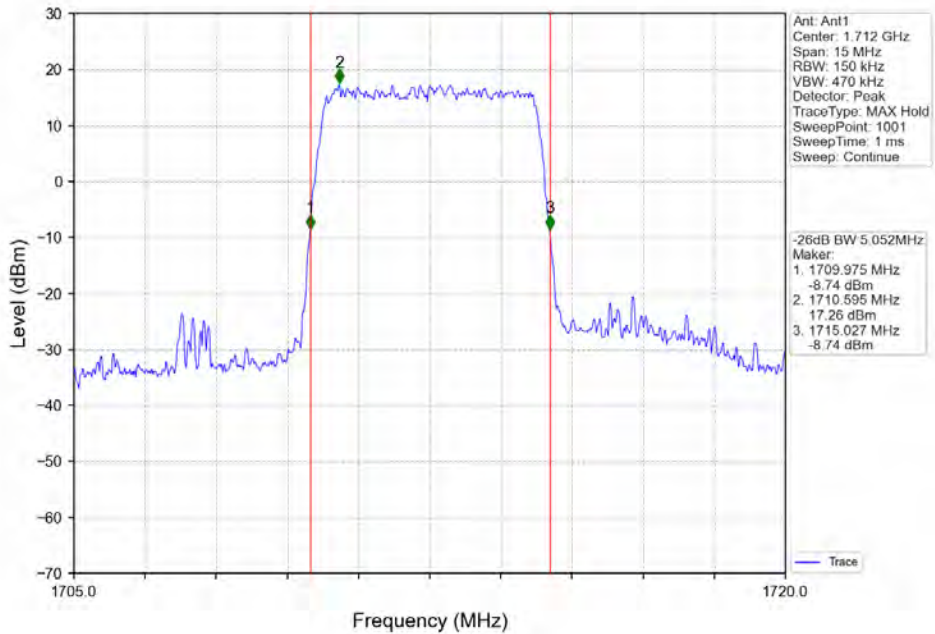
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Band 66 5MHz QPSK HCH 1777.5MHz RB 25\_0 NTN



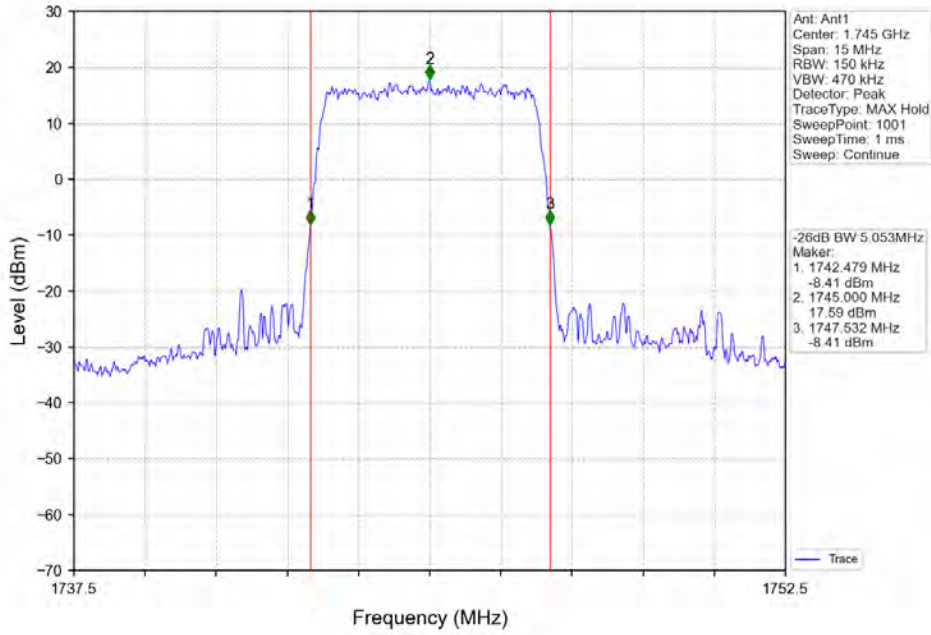
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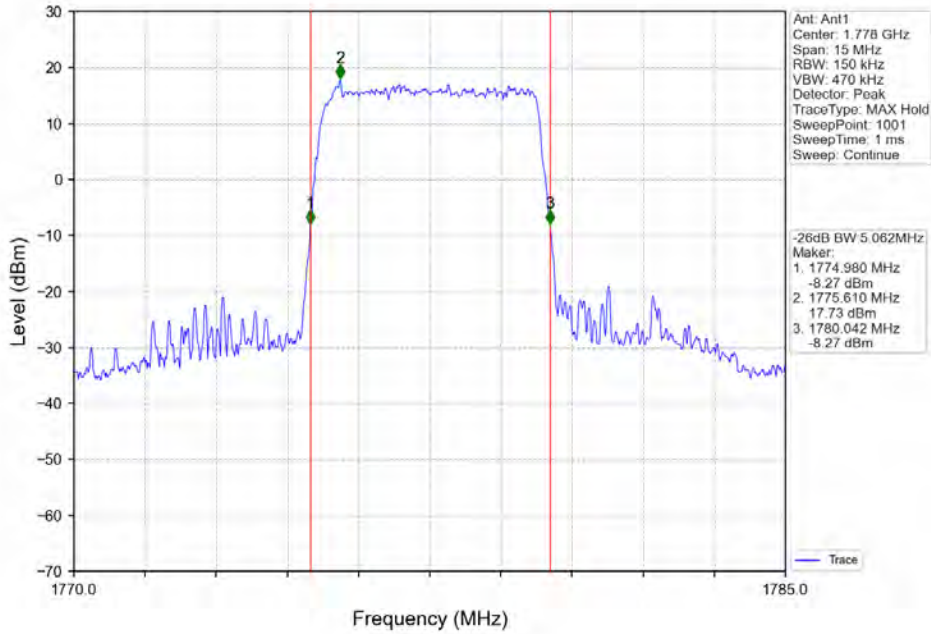




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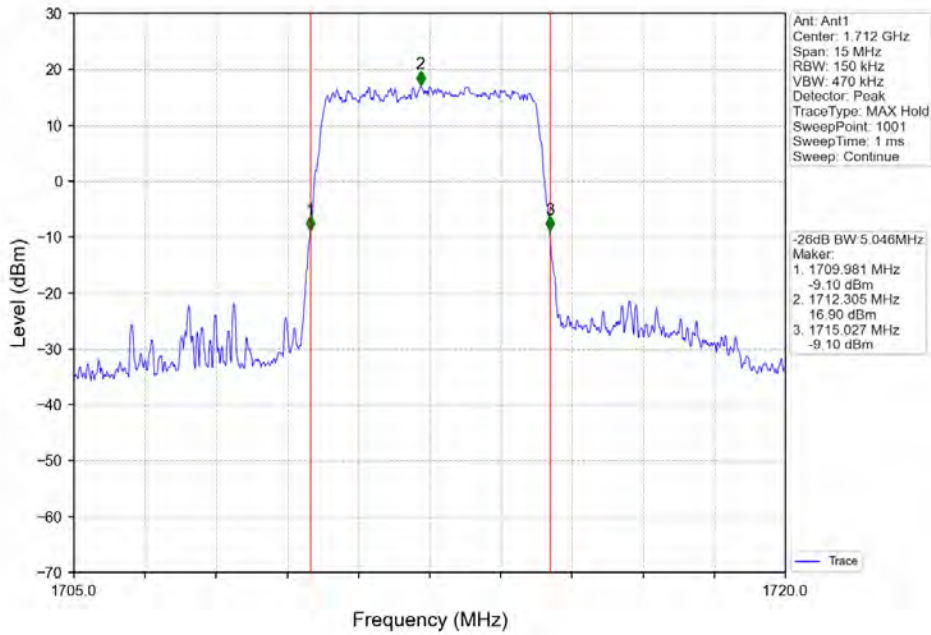


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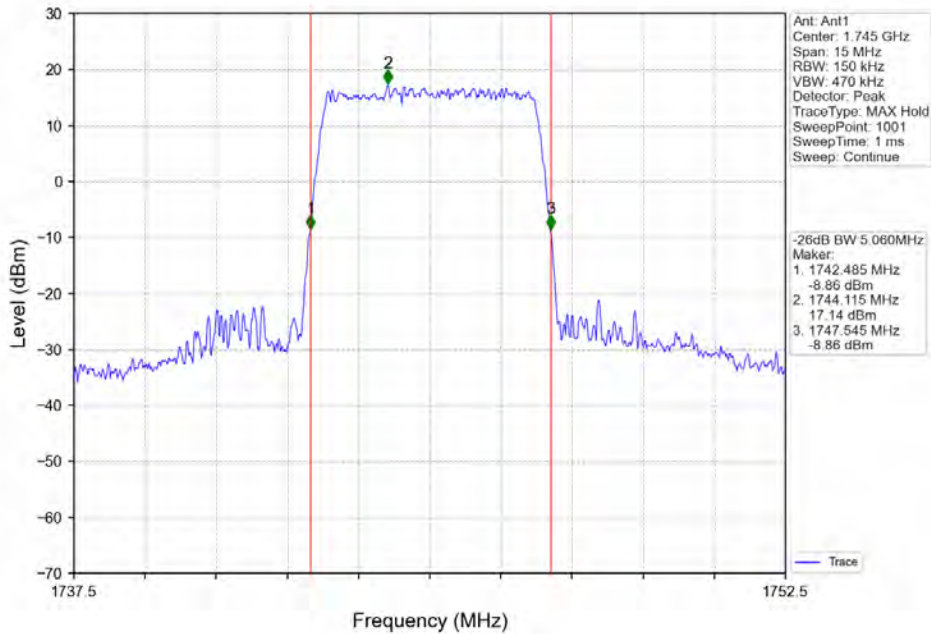




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Band 66 5MHz 64QAM MCH 1745MHz RB 25 0 NTN



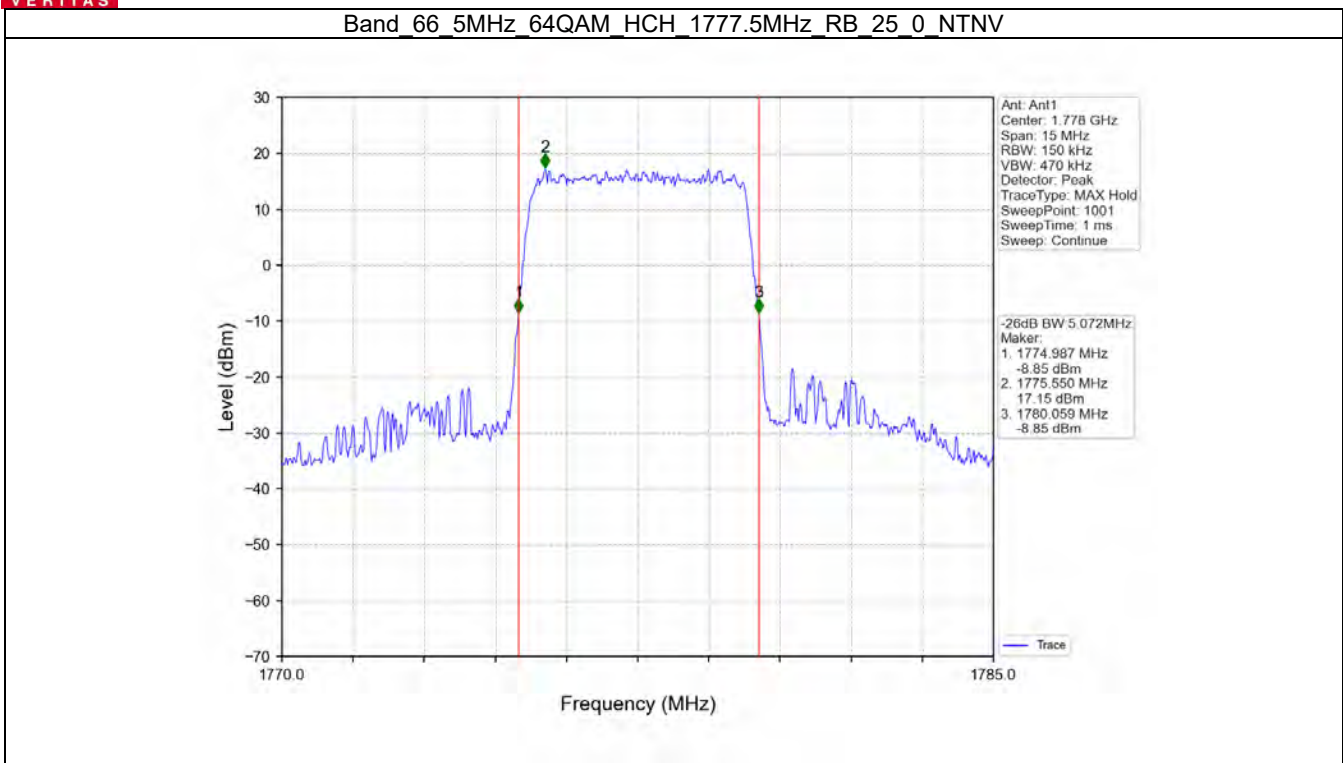
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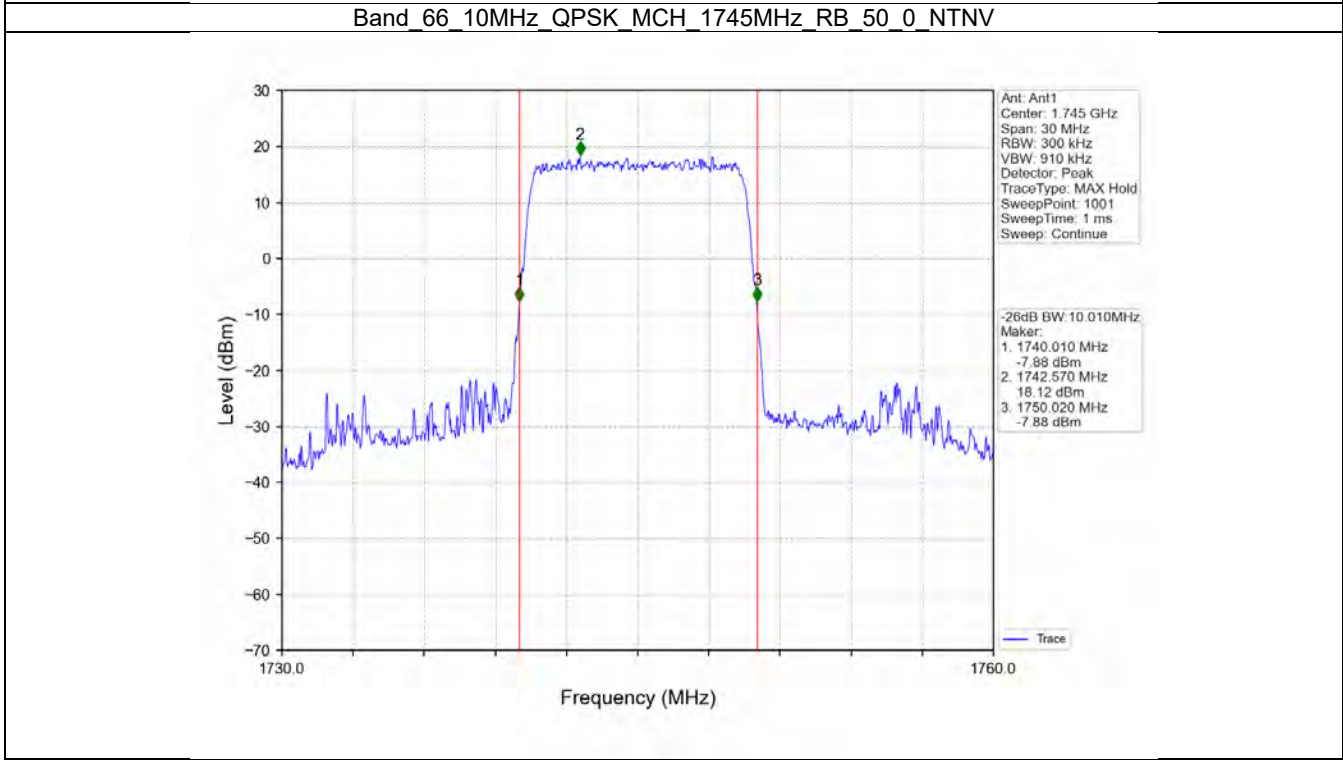
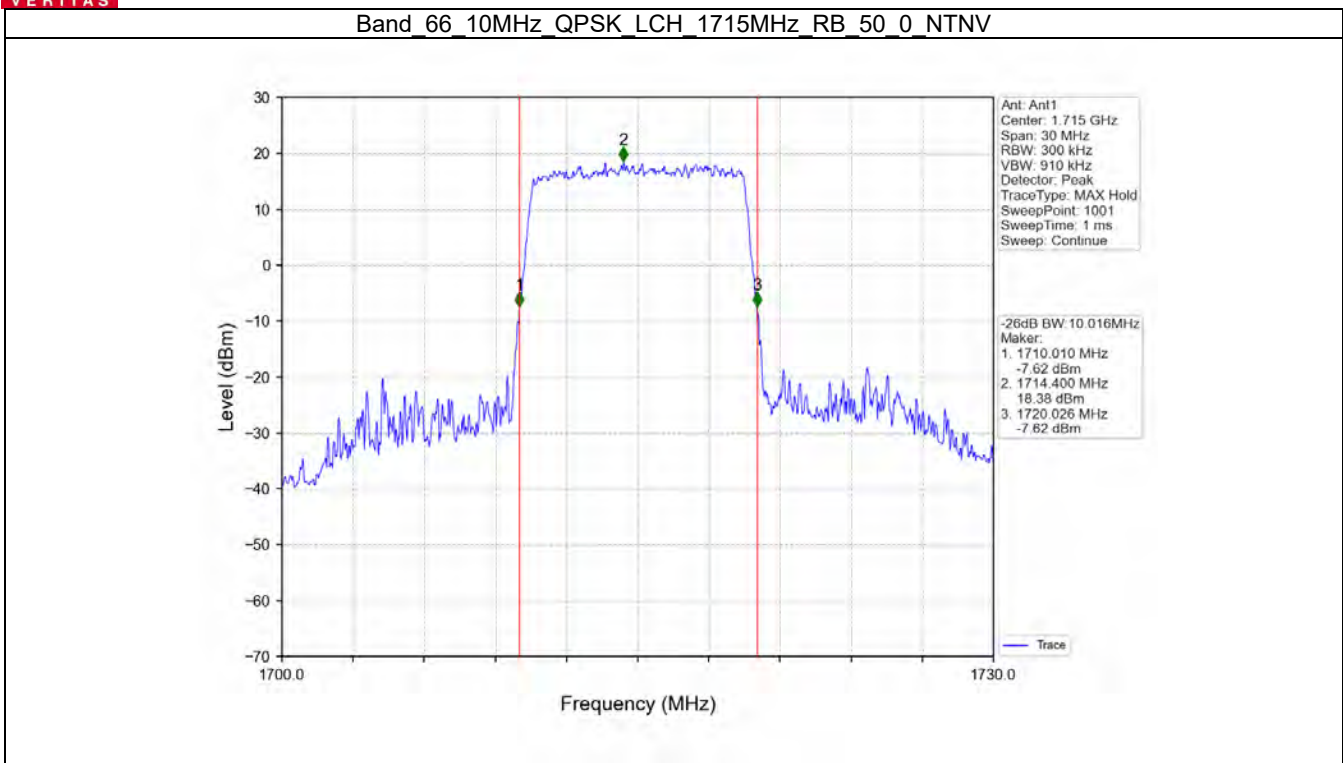
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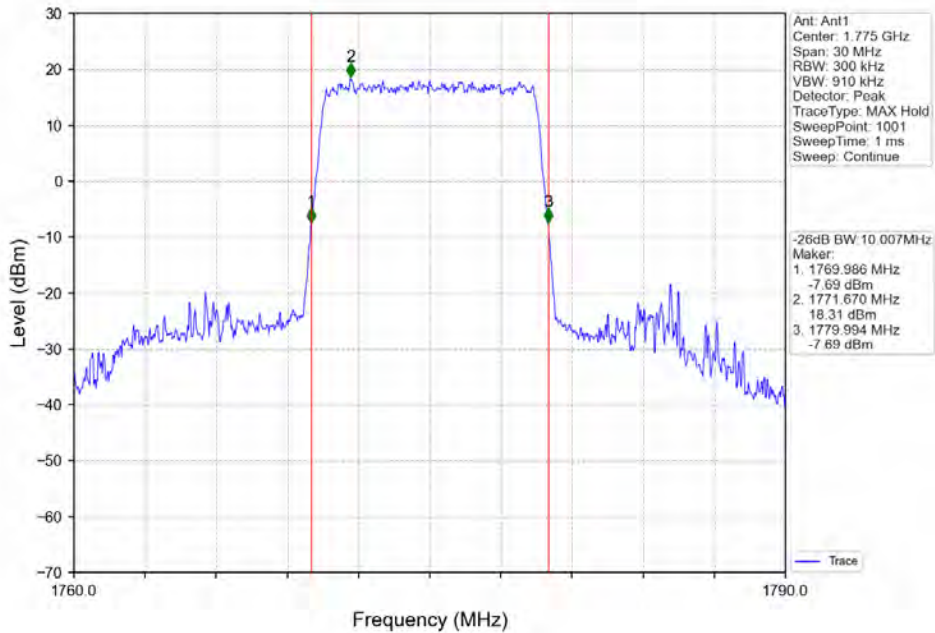
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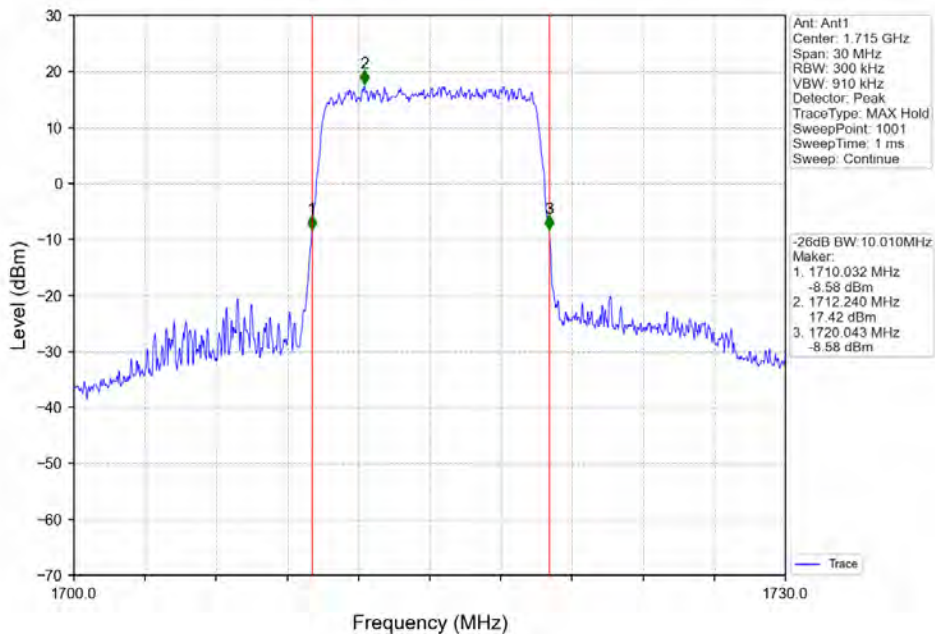
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Band 66 10MHz QPSK HCH 1775MHz RB 50 0 NTN



Band 66 10MHz 16QAM LCH 1715MHz RB 50 0 NTN



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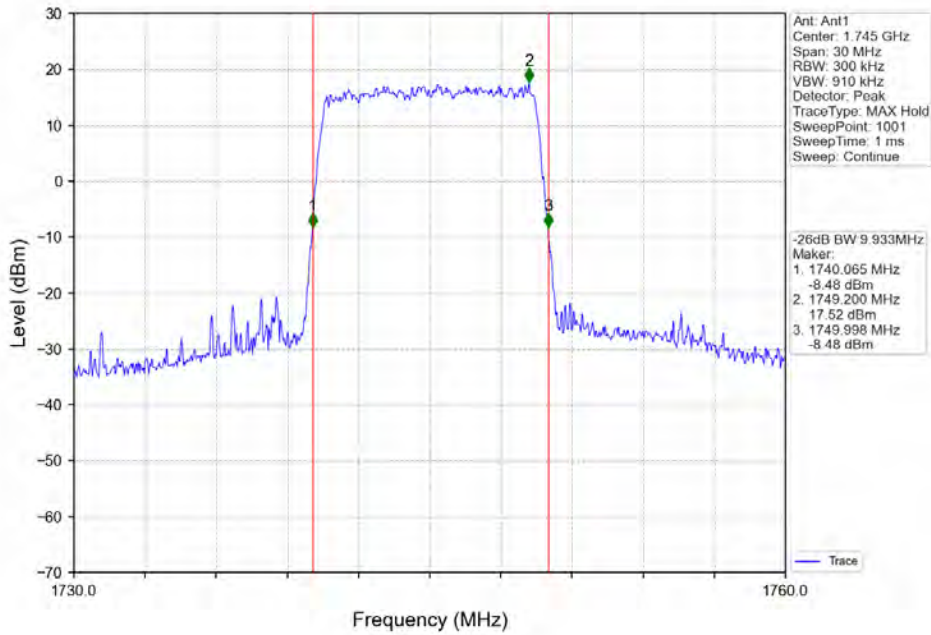
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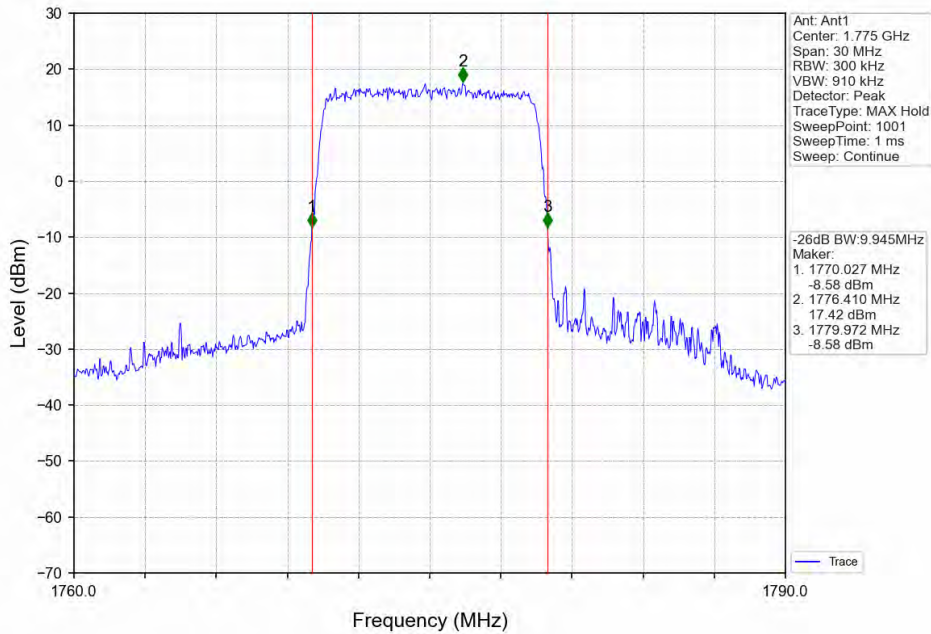
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Band 66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



Band 66 10MHz 16QAM HCH 1775MHz RB 50 0 NTV



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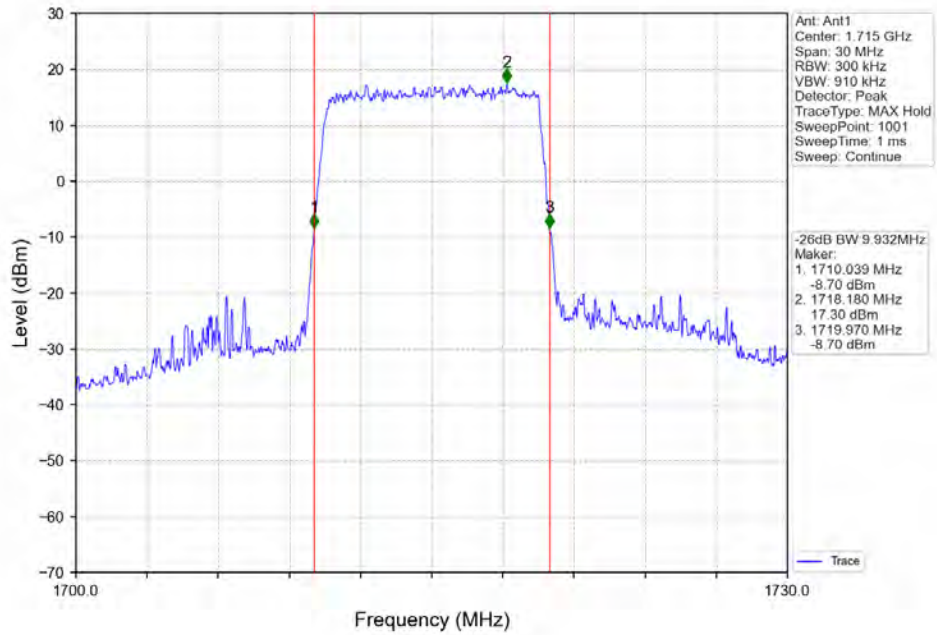
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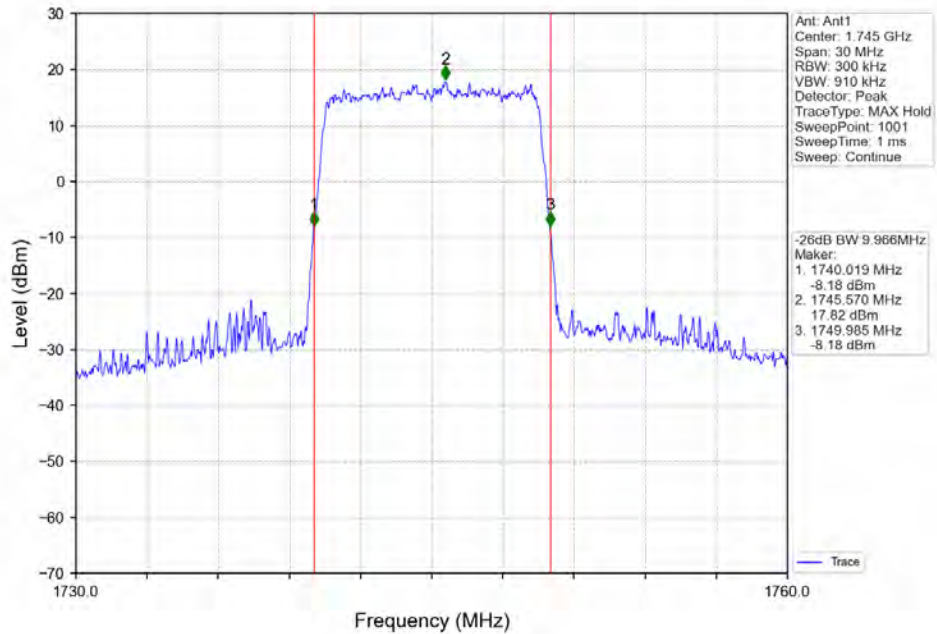
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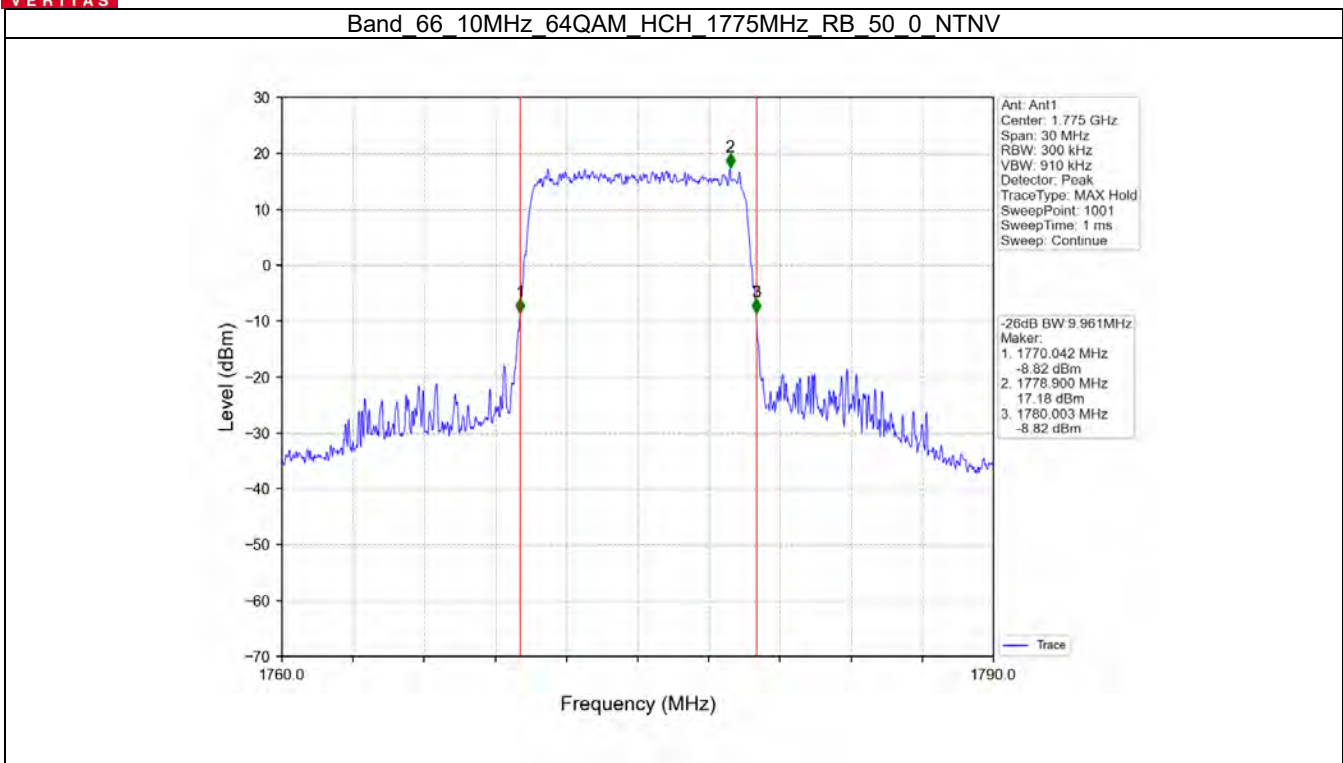


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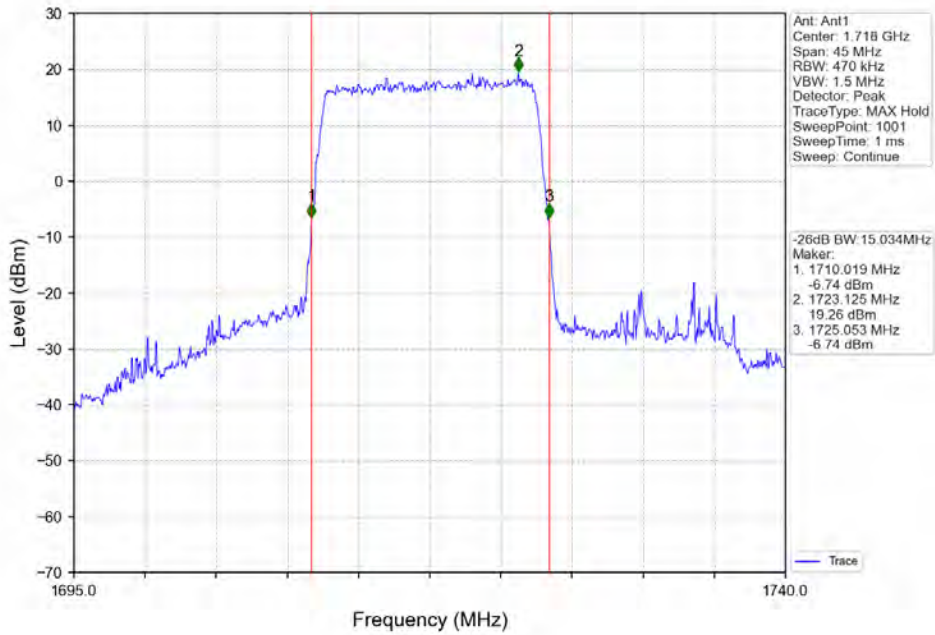




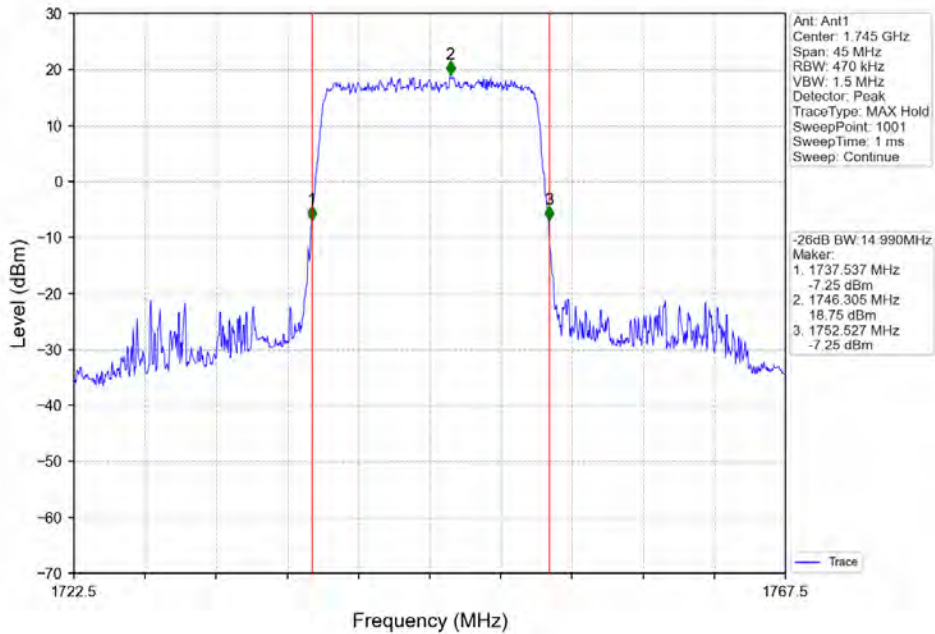




Band 66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

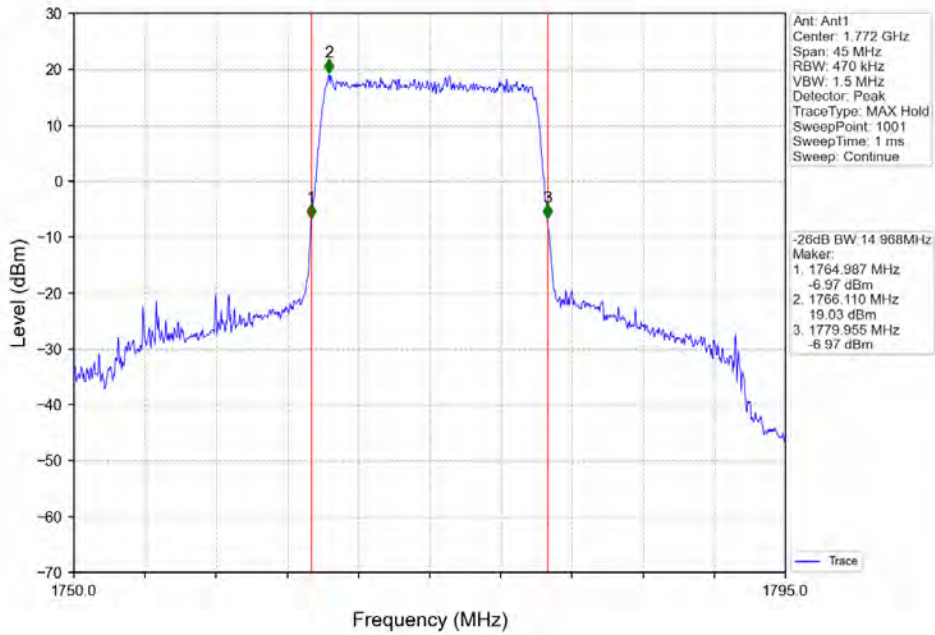


Band 66 15MHz QPSK MCH 1745MHz RB 75 0 NTV

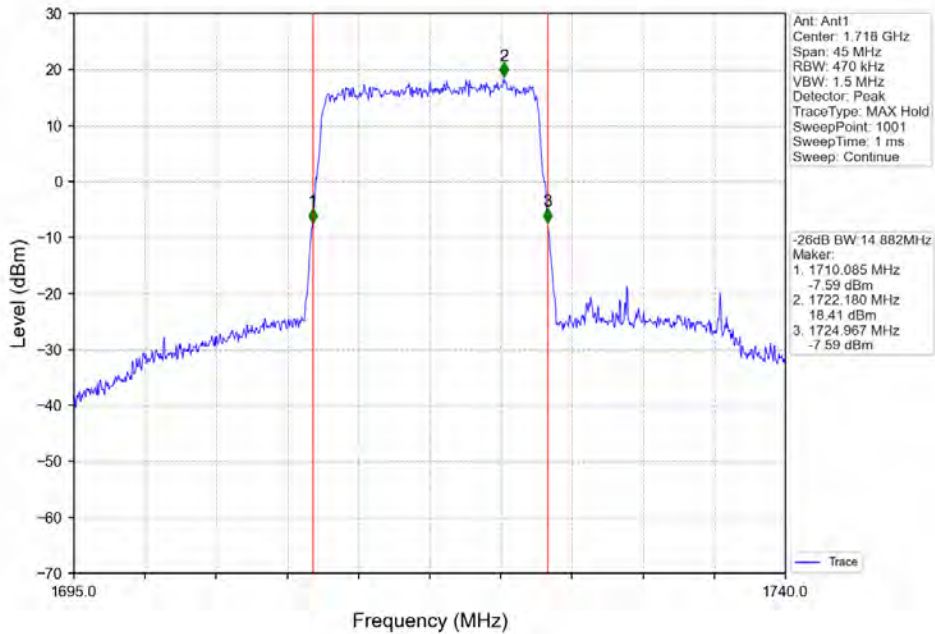




Band 66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTV

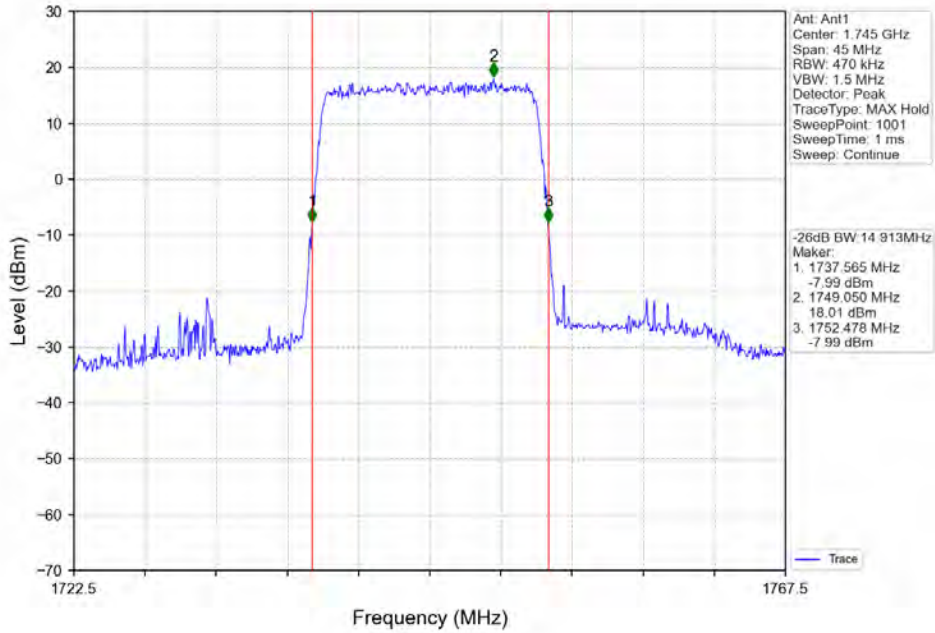


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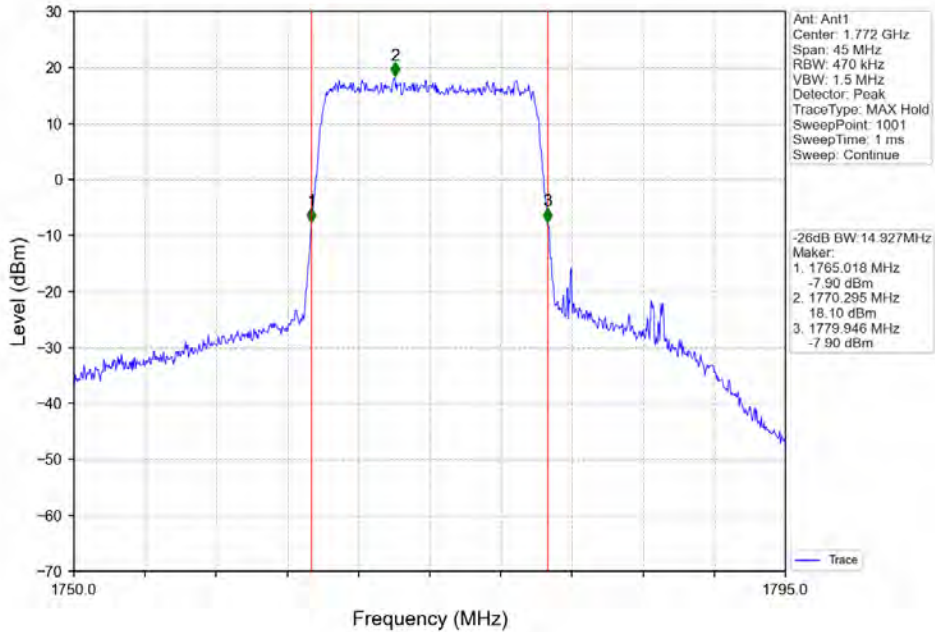




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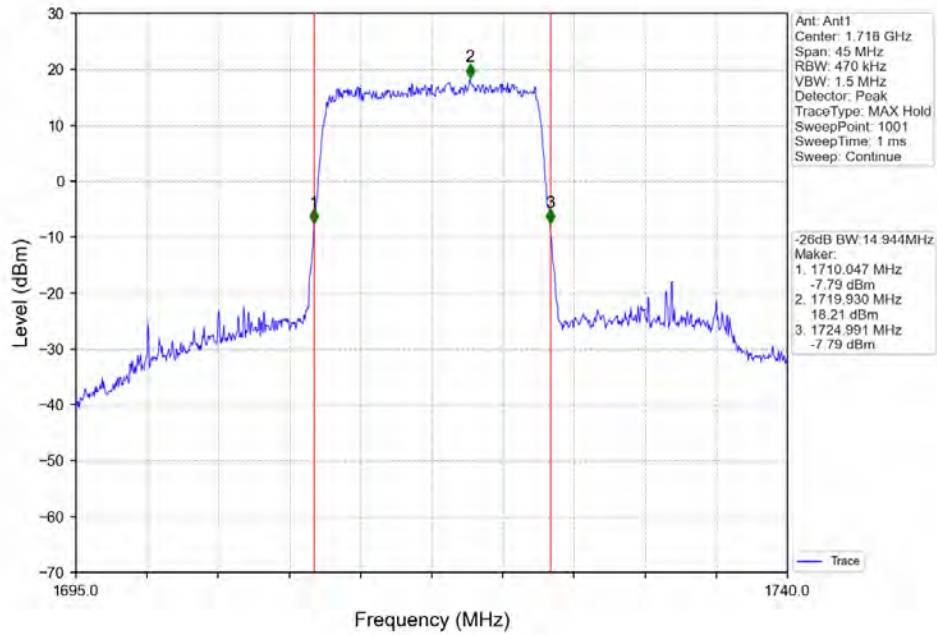


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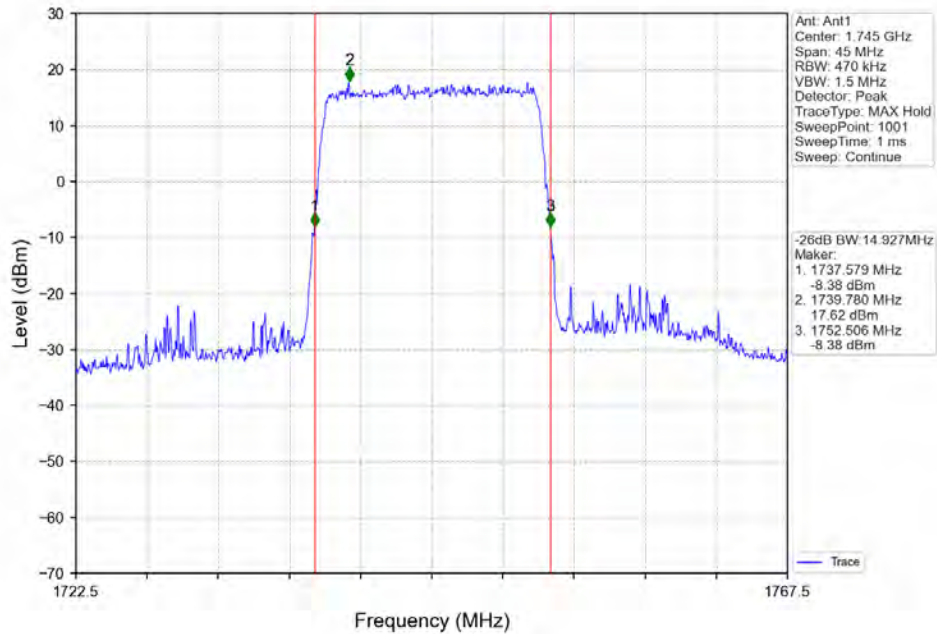




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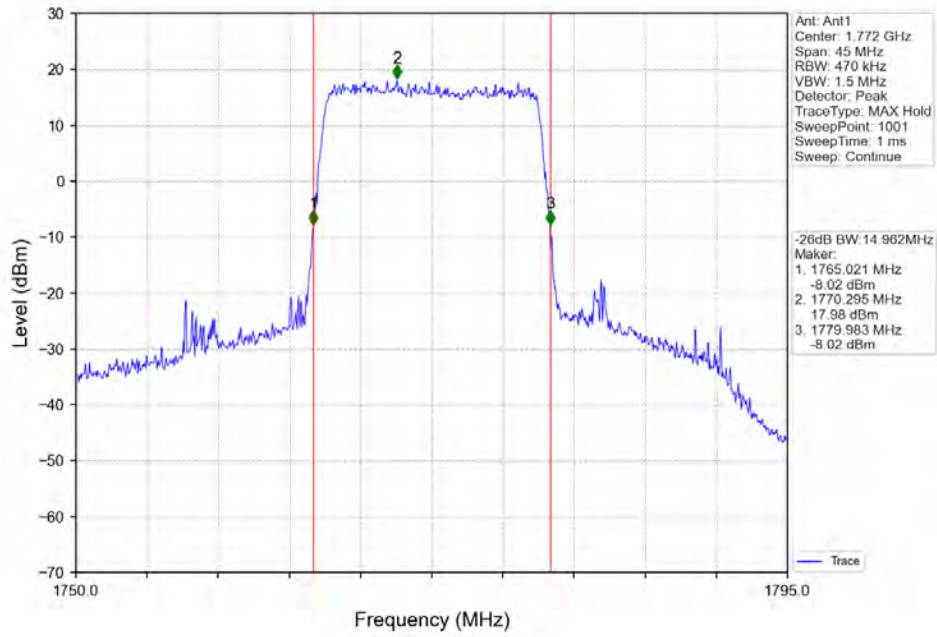




**BUREAU**  
**VERITAS**

**Test Report No.: W7L-P20210616-3RF03**

Band 66 15MHz 64QAM HCH 1772.5MHz RB 75 0 NTVV



BV 7Layers Communications  
Technology (Shenzhen) Co. Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan  
Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
District, Shenzhen, Guangdong, China

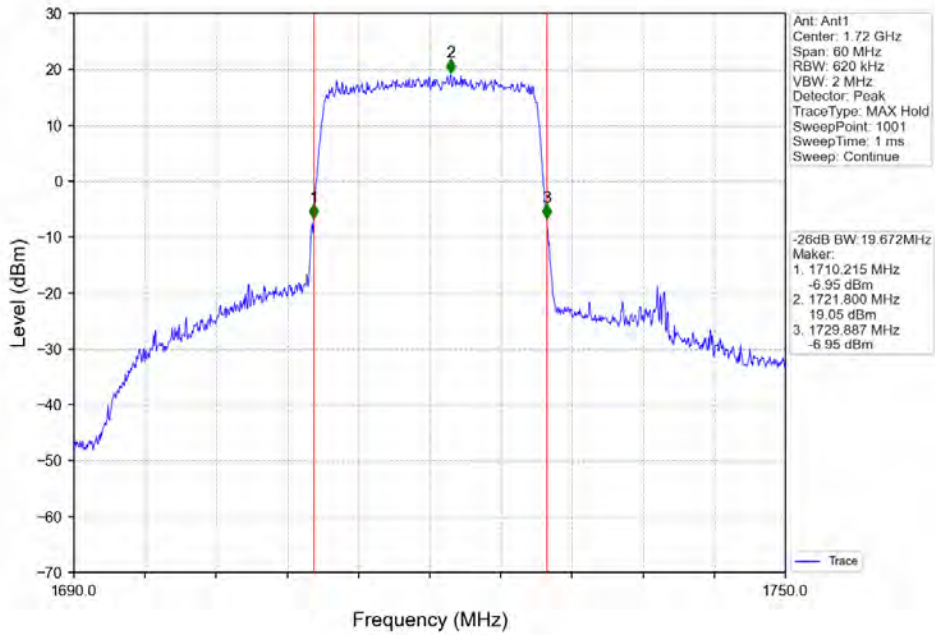
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

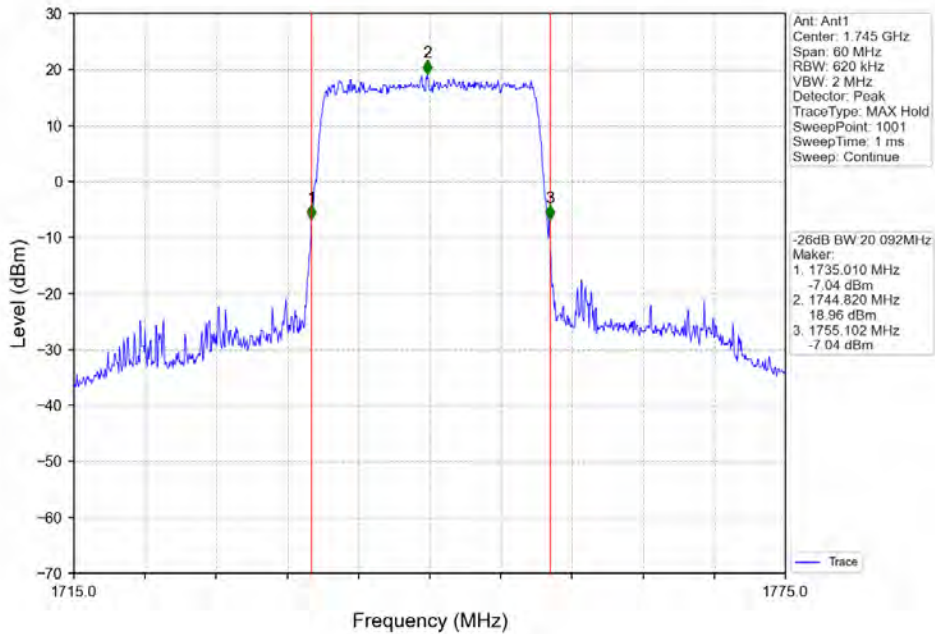
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**Band 66 20MHz QPSK LCH 1720MHz RB 100\_0 NTN**

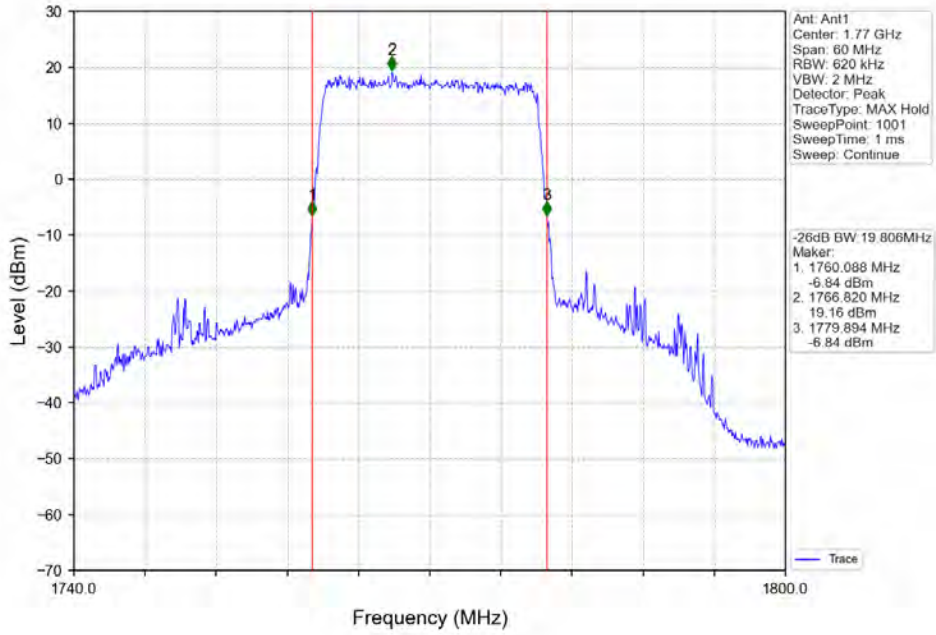


**Band 66 20MHz QPSK MCH 1745MHz RB 100\_0 NTN**

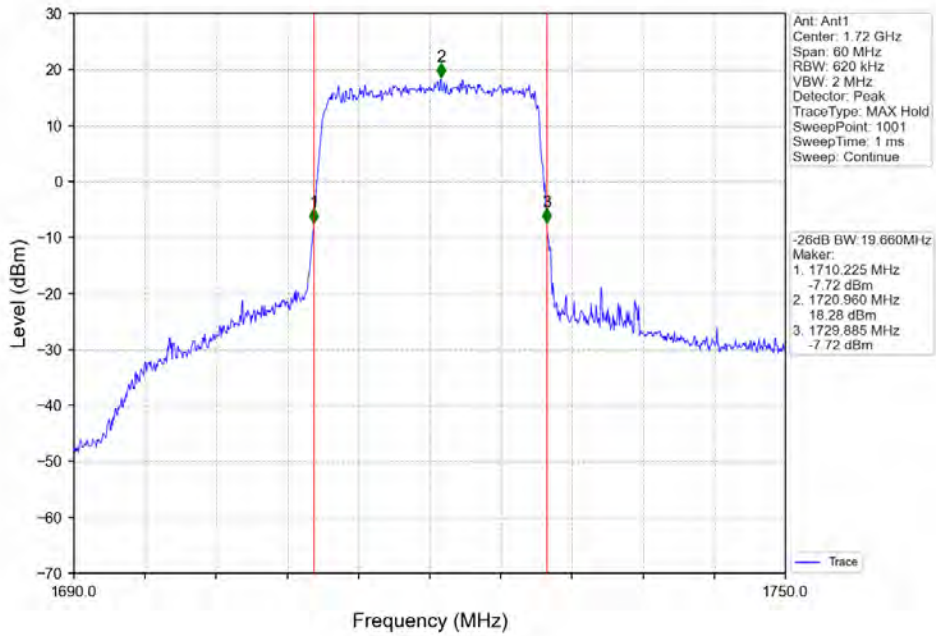




Band 66 20MHz QPSK HCH 1770MHz RB 100 0 NTV

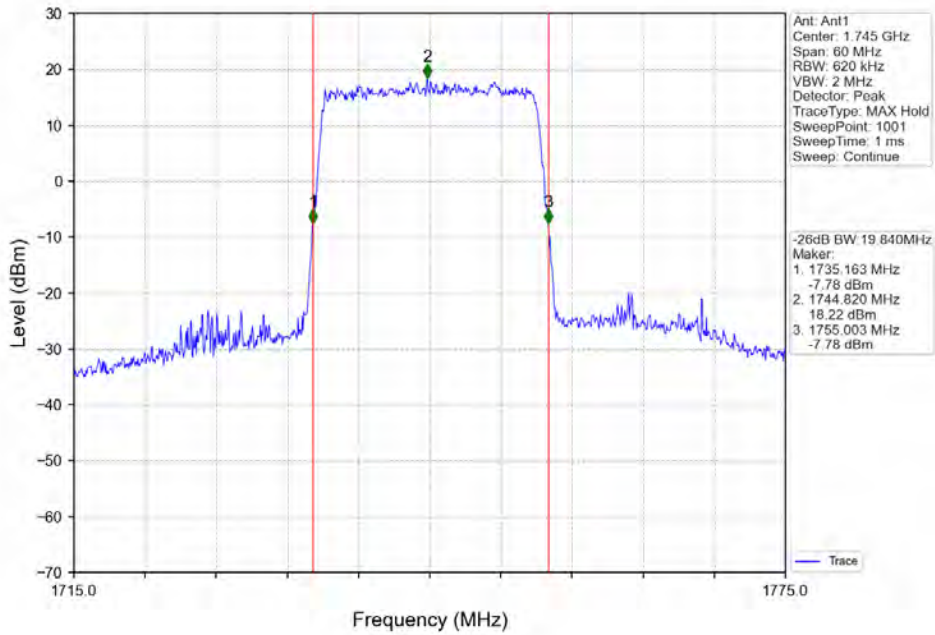


Band 66 20MHz 16QAM LCH 1720MHz RB 100 0 NTV

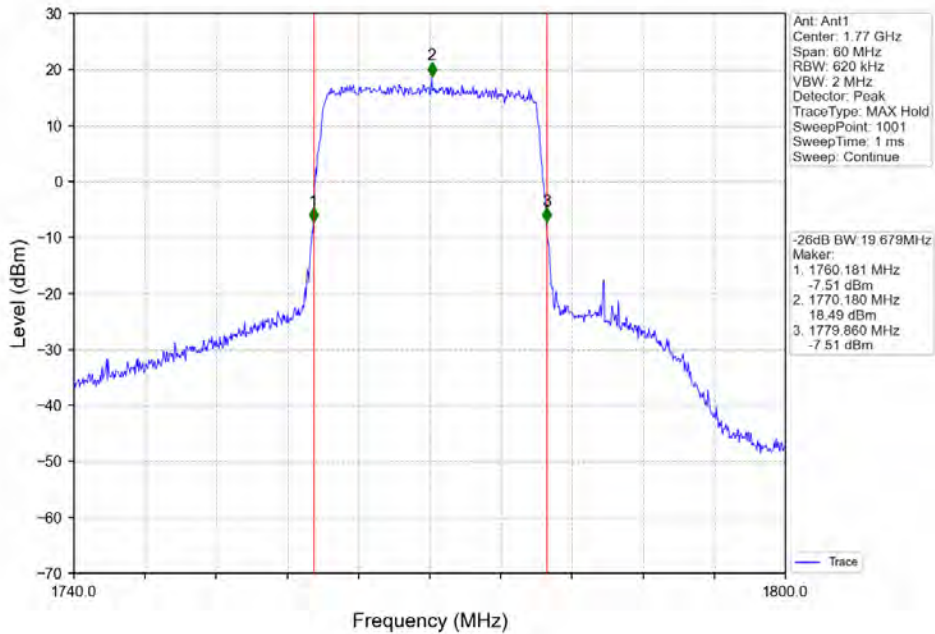




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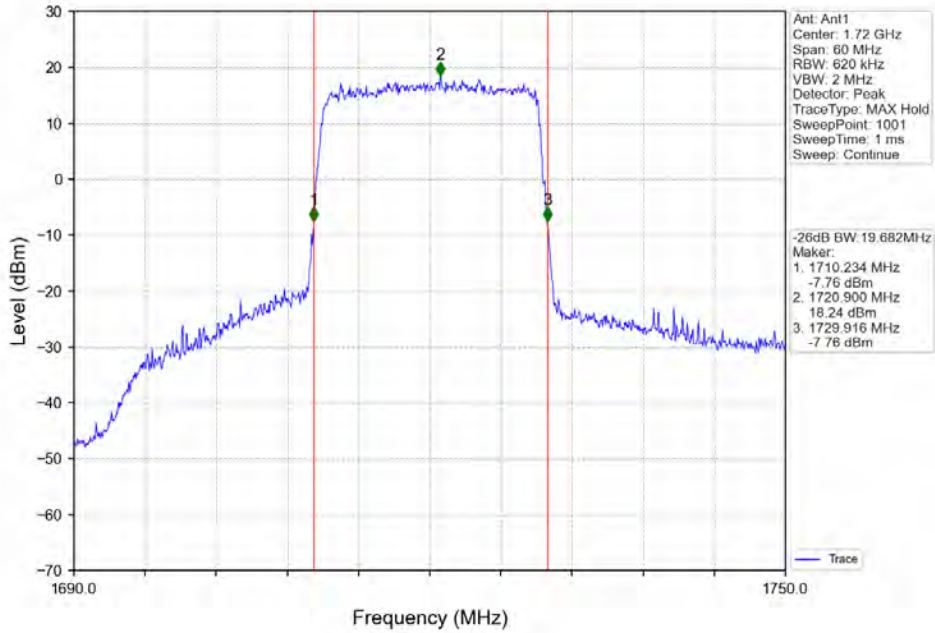
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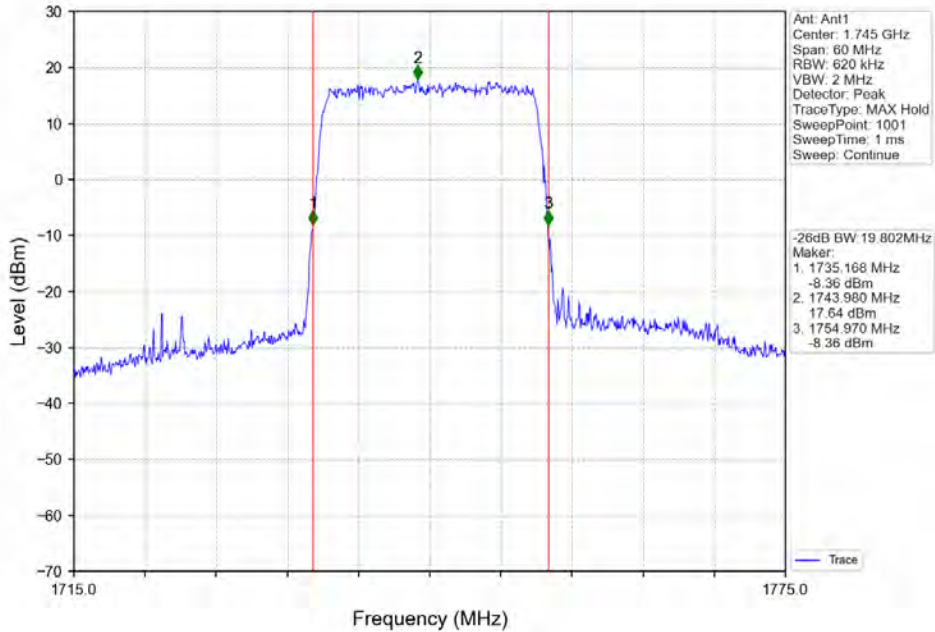




Band 66 20MHz 64QAM LCH 1720MHz RB 100 0 NTNV



Band 66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



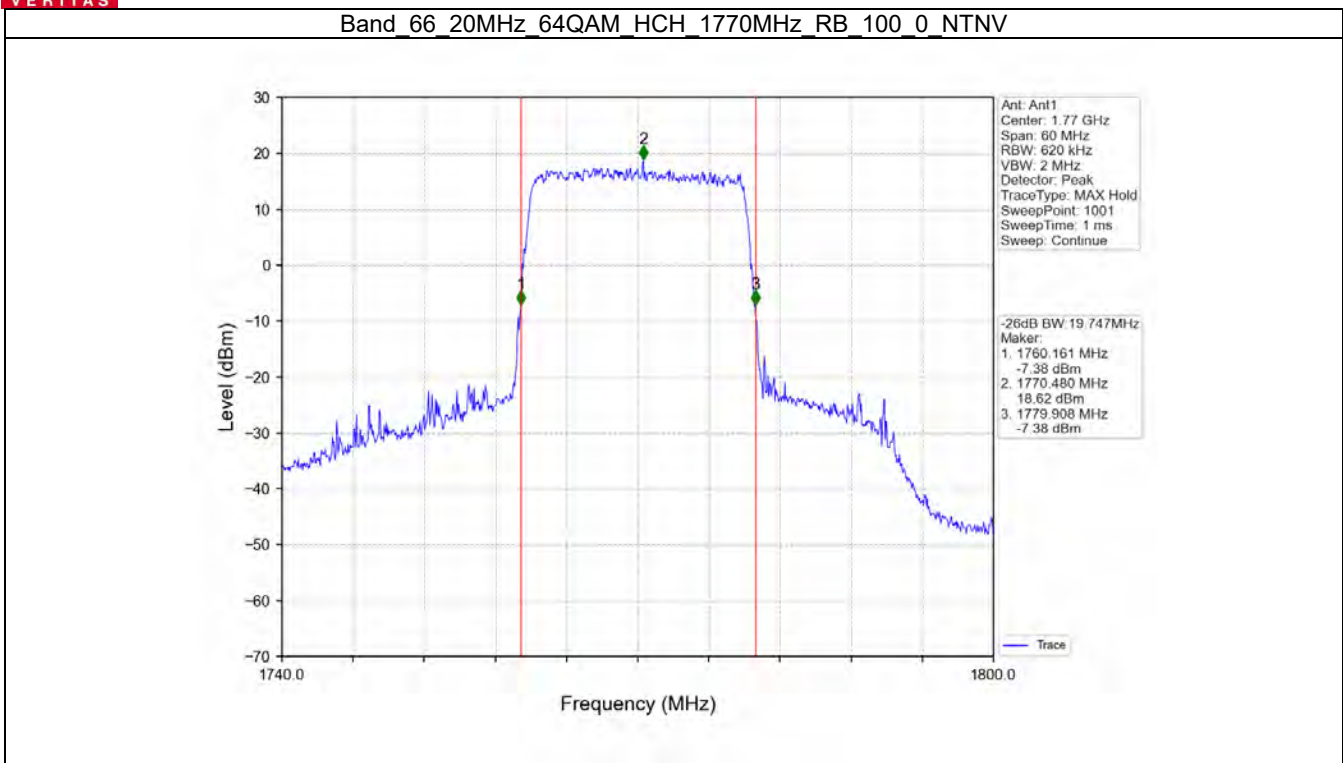
BV 7Layers Communications  
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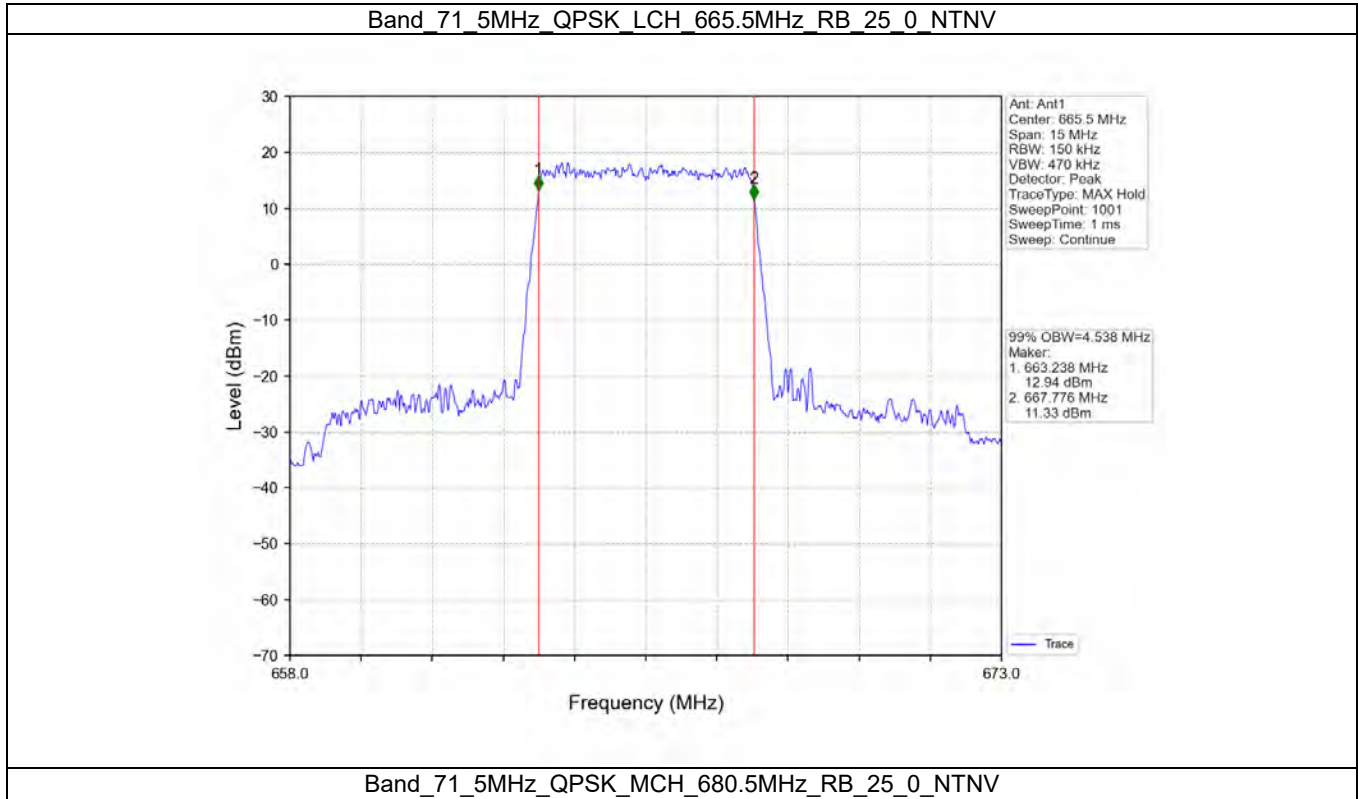
## 2.13 LTE Band71 OBW

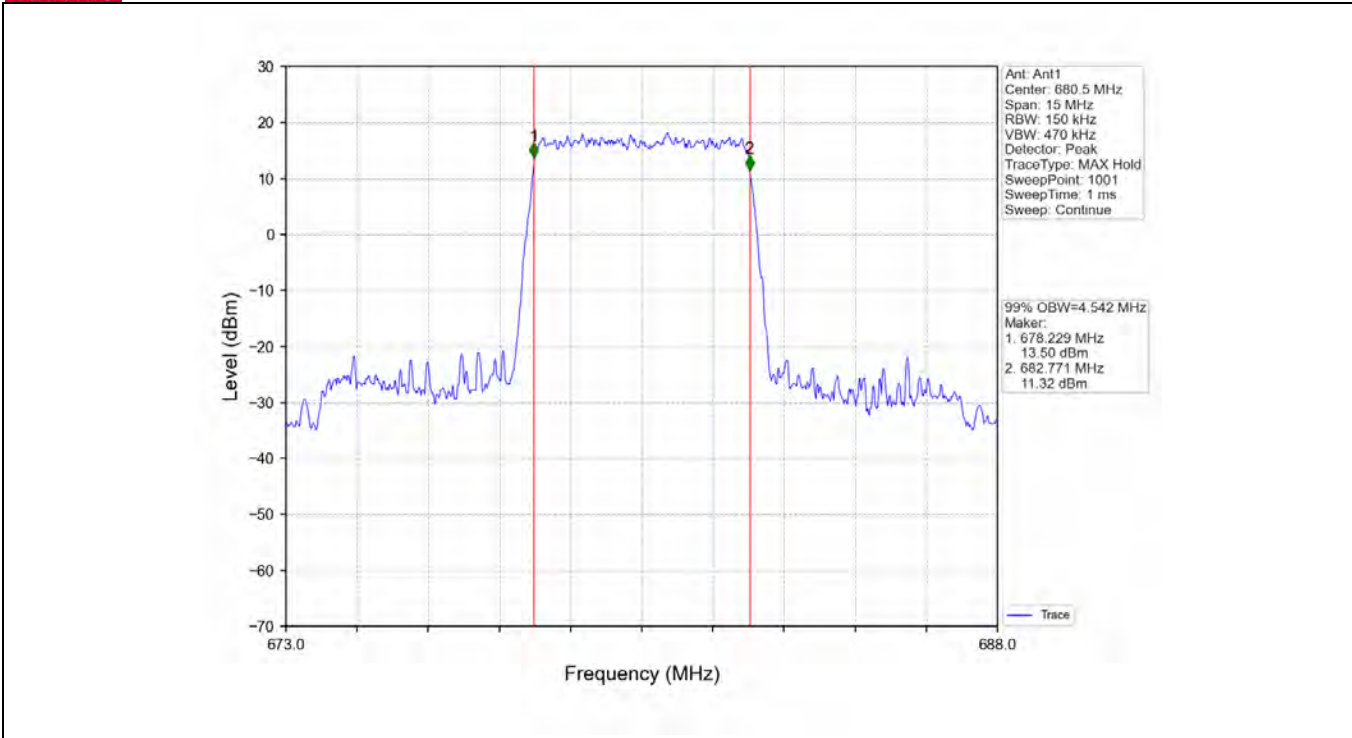
### 2.13.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.538	4.542	4.564	/	Pass
16QAM	25	0	4.557	4.545	4.553	/	Pass
64QAM	25	0	4.553	4.562	4.543	/	Pass
Band: 71 / Bandwidth: 10MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.065	9.058	9.023	/	Pass
16QAM	50	0	9.062	9.040	9.043	/	Pass
64QAM	50	0	9.073	9.028	9.046	/	Pass
Band: 71 / Bandwidth: 15MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.600	13.581	13.550	/	Pass
16QAM	75	0	13.591	13.594	13.578	/	Pass
64QAM	75	0	14.344	14.478	14.400	/	Pass
Band: 71 / Bandwidth: 20MHz / NTV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.093	18.101	18.095	/	Pass
16QAM	100	0	18.020	18.070	18.043	/	Pass
64QAM	100	0	18.116	18.062	18.063	/	Pass



### 2.13.2 Test Graph





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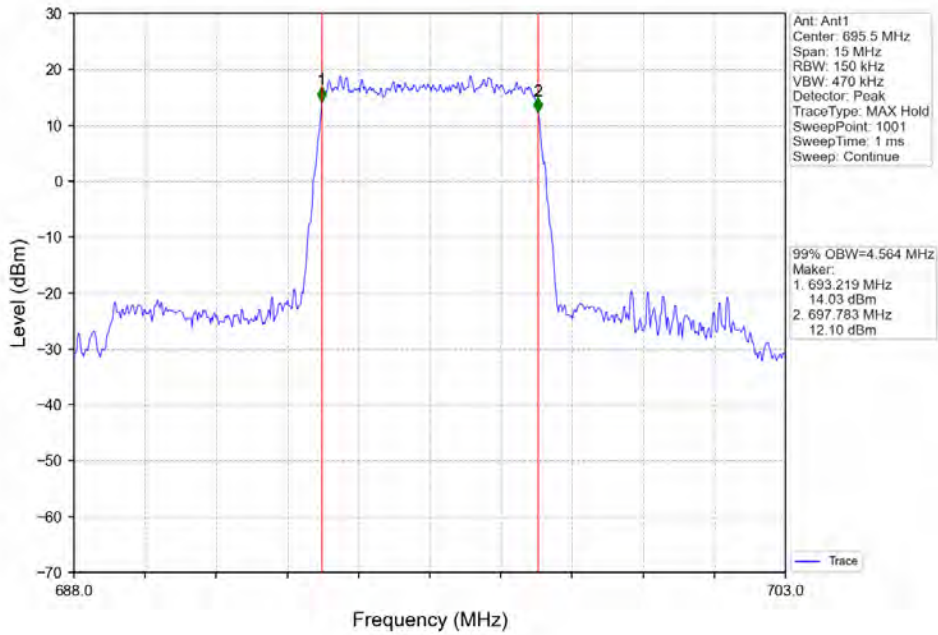
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

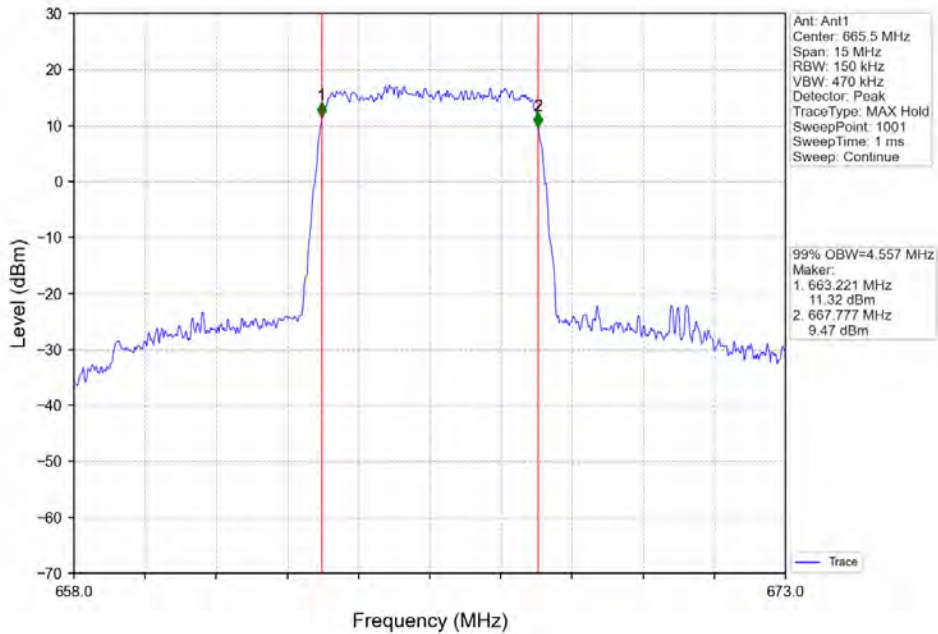
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



**Band 71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV**

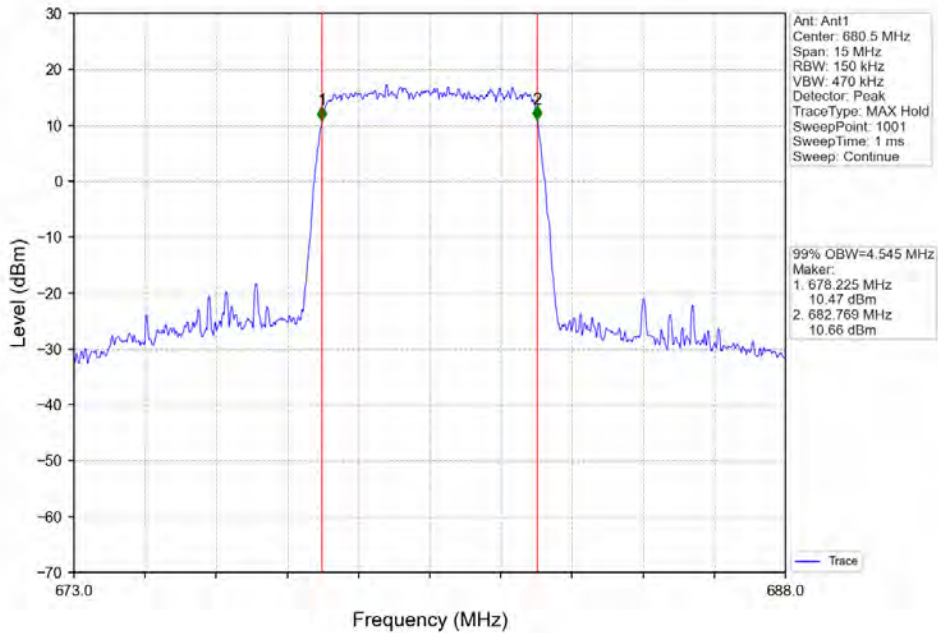


**Band 71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV**

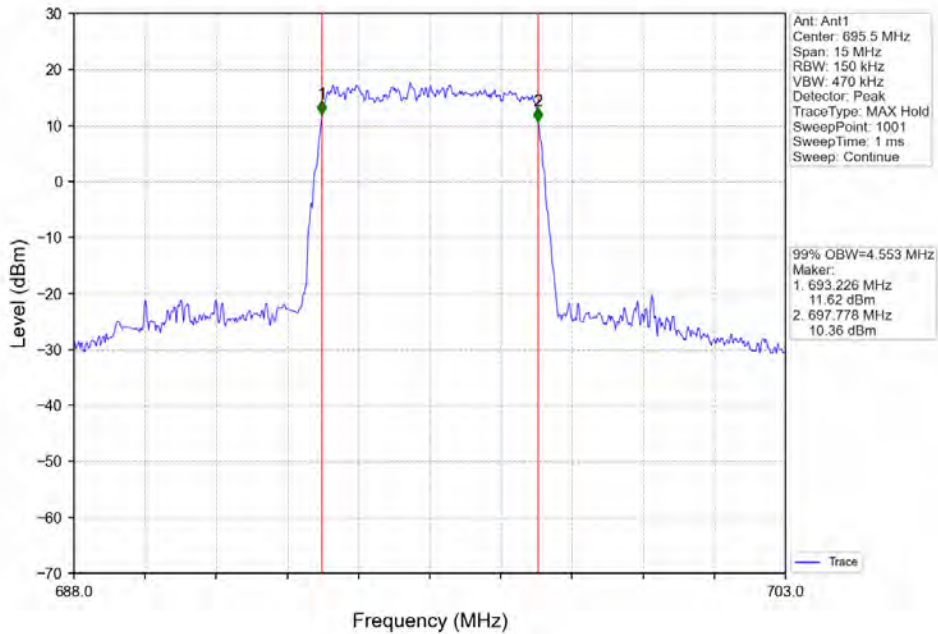




Band 71\_5MHz\_16QAM\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



Band 71\_5MHz\_16QAM\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



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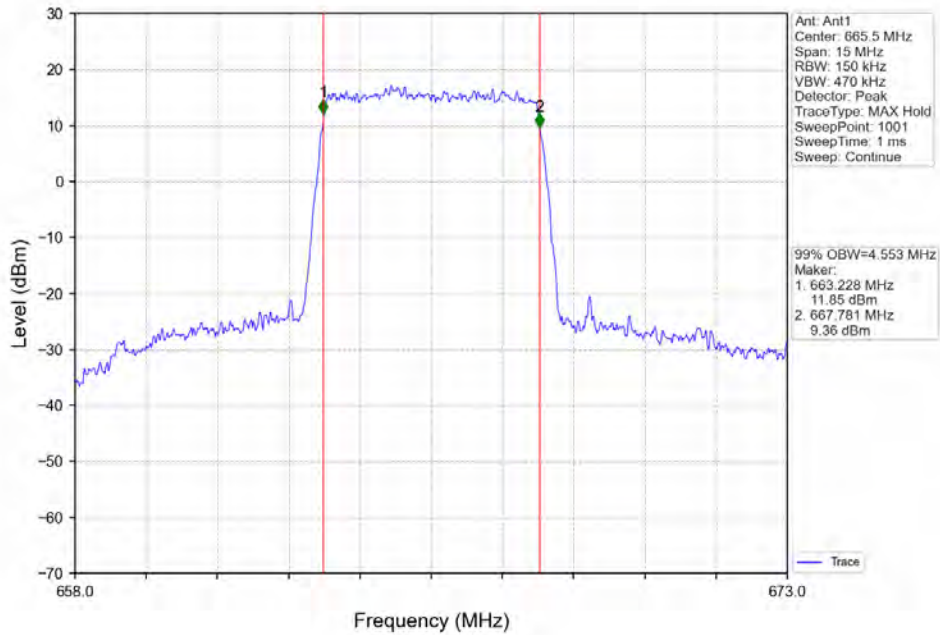
Tel: +86 755 8869 6566

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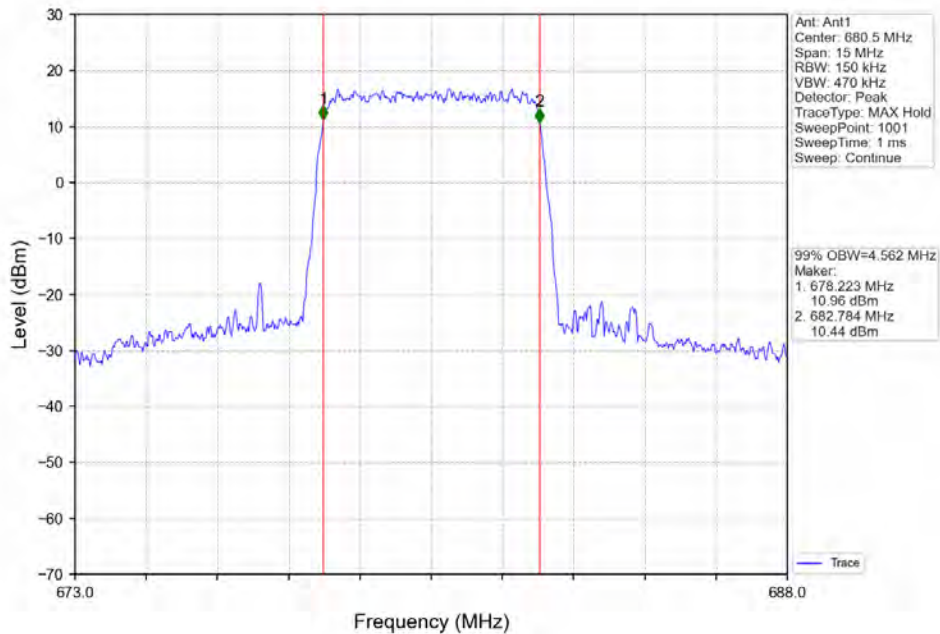
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Band 71 5MHz 64QAM LCH 665.5MHz RB 25\_0 NTN



Band 71 5MHz 64QAM MCH 680.5MHz RB 25\_0 NTN

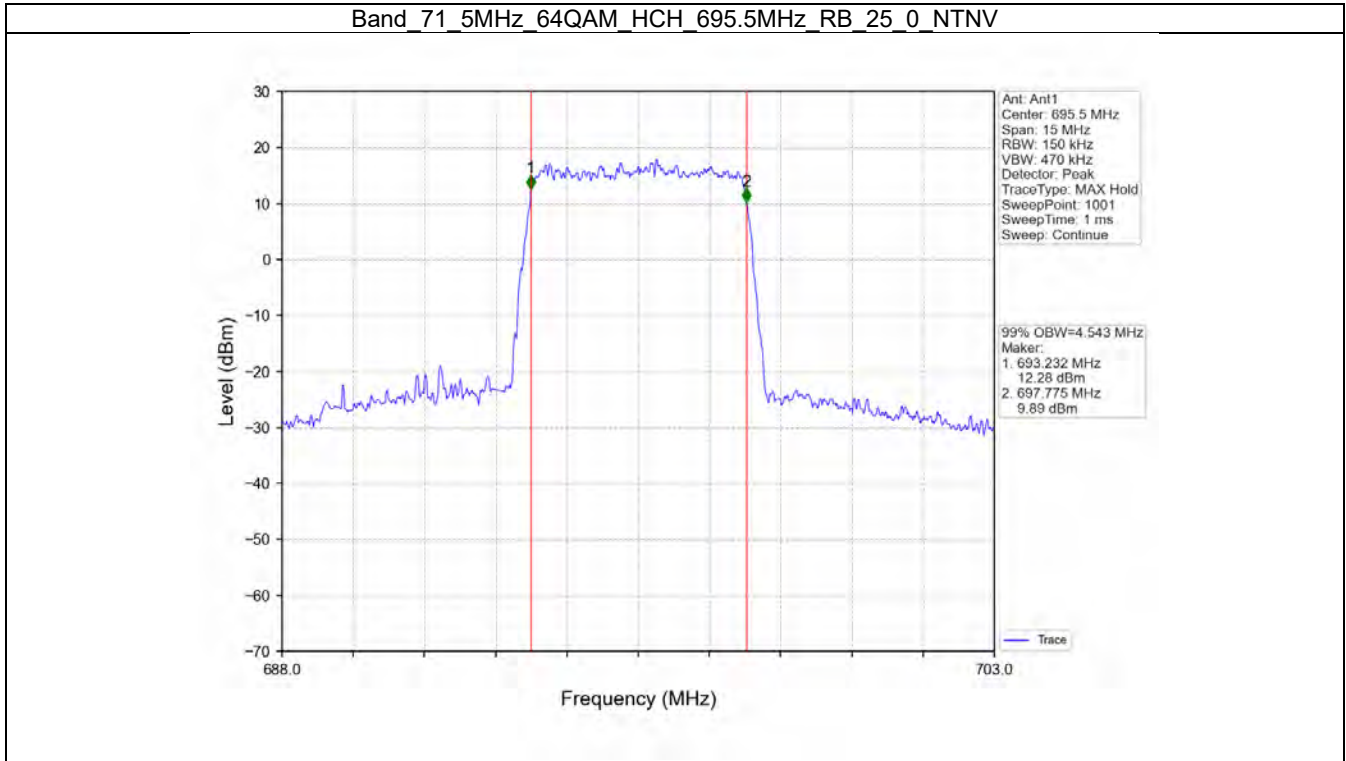






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VERITAS**

**Test Report No.: W7L-P20210616-3RF03**



BV 7Layers Communications  
Technology (Shenzhen) Co. Ltd

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Avenue, North Area, Hi-Tech Industrial Park, Nanshan  
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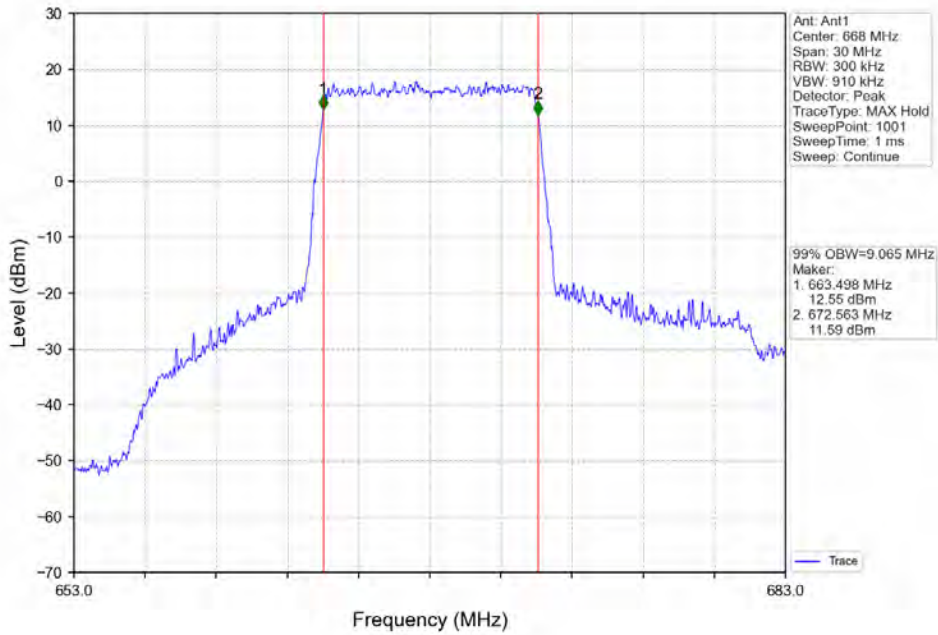
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

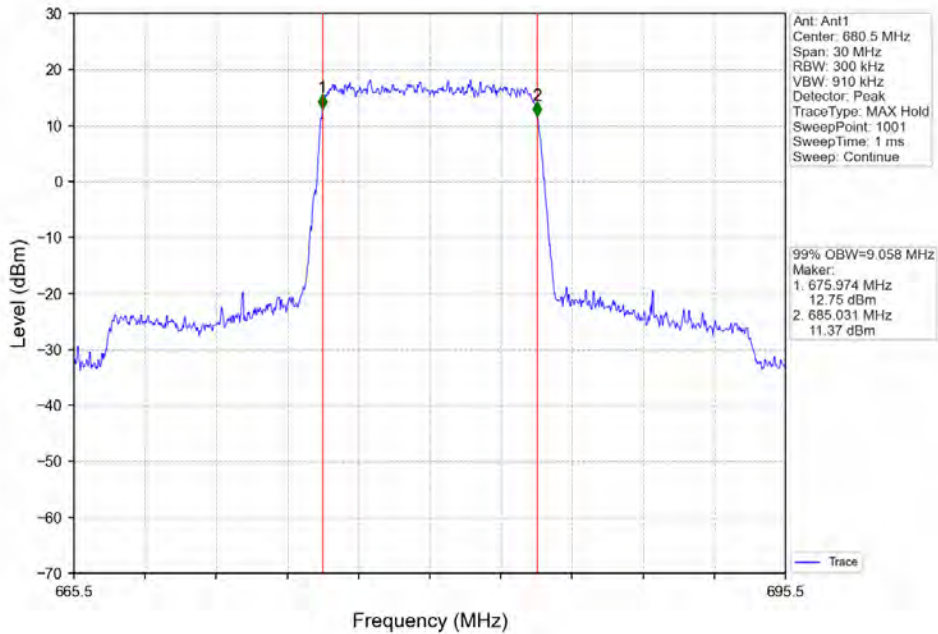
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



Band 71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



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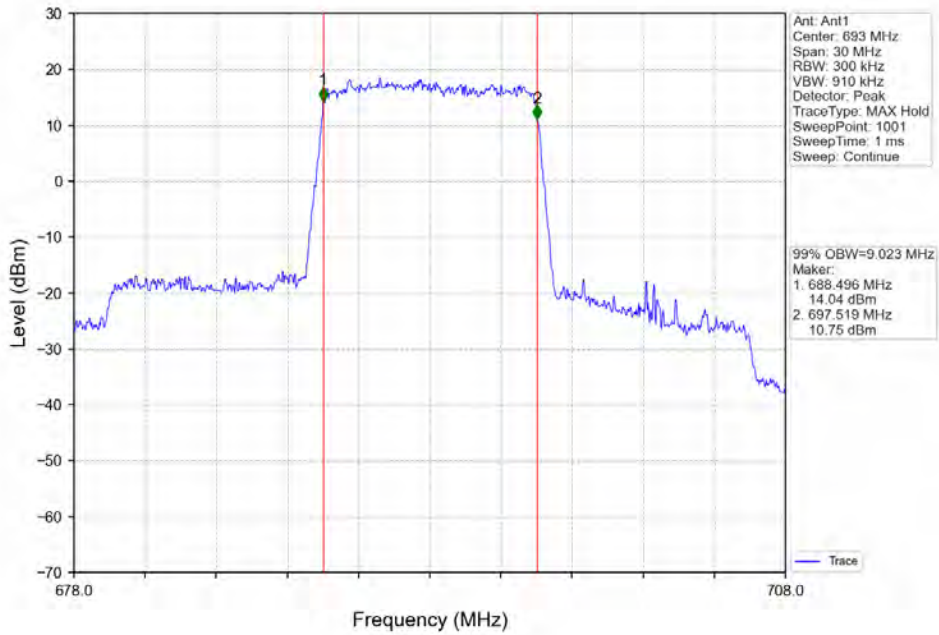
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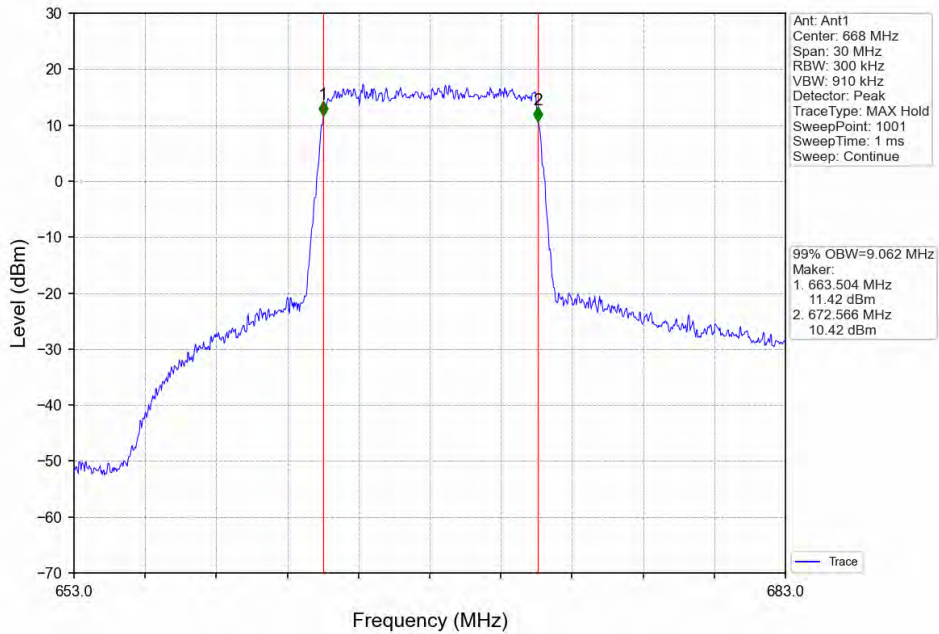
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**Band 71 10MHz QPSK HCH 693MHz RB 50 0 NTV**

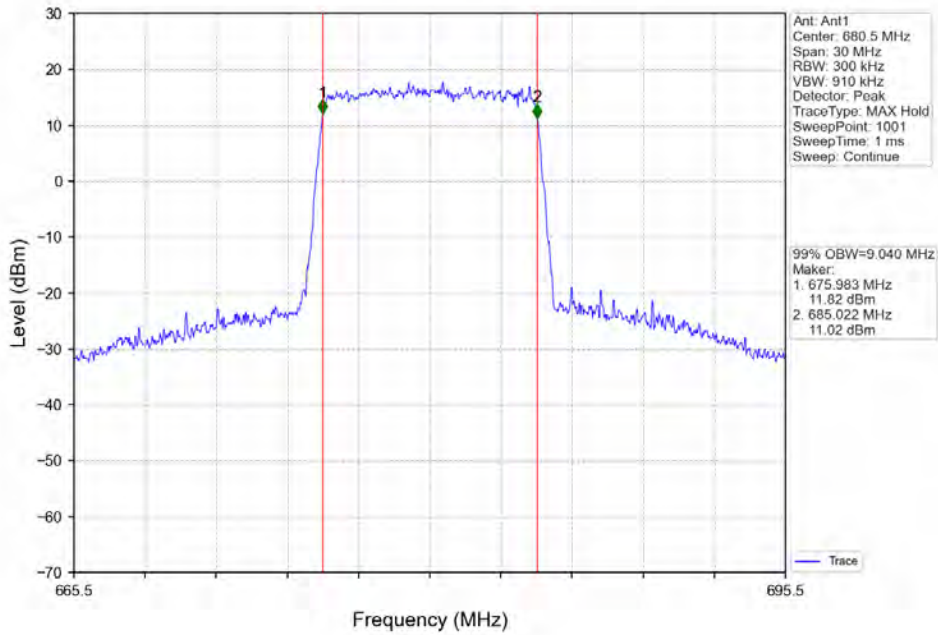


**Band 71 10MHz 16QAM LCH 668MHz RB 50 0 NTV**

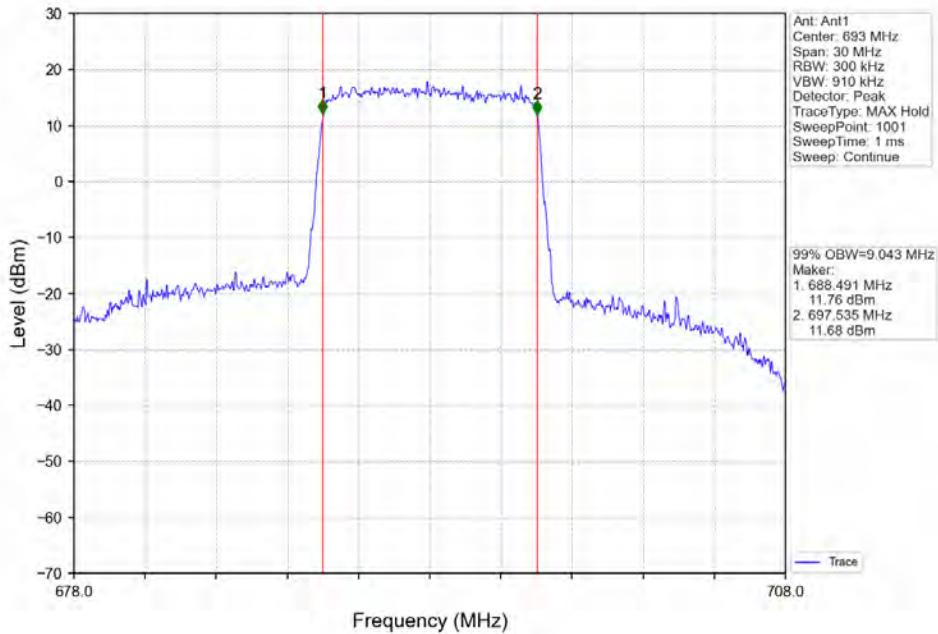




Band 71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



Band 71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



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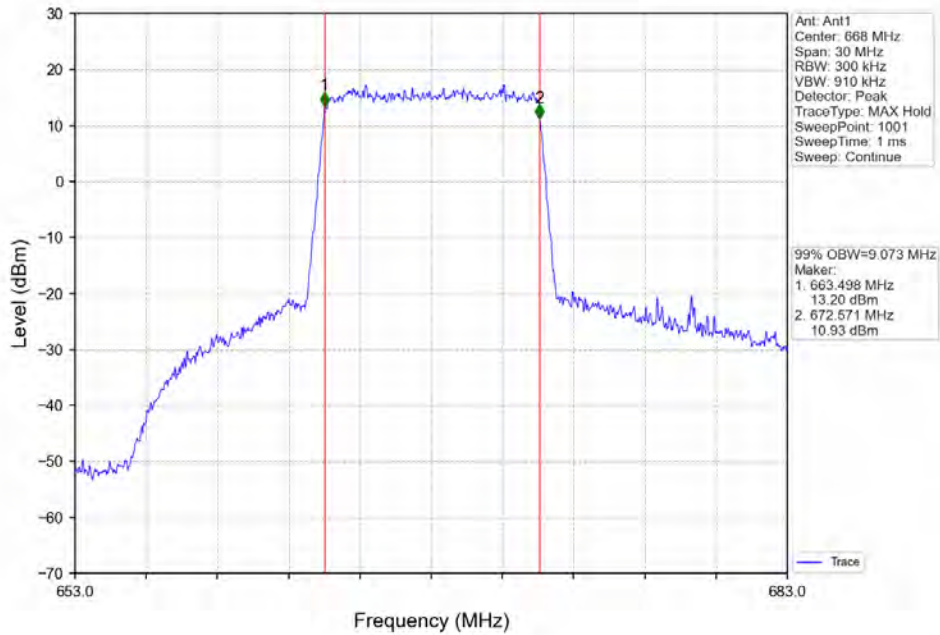
Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

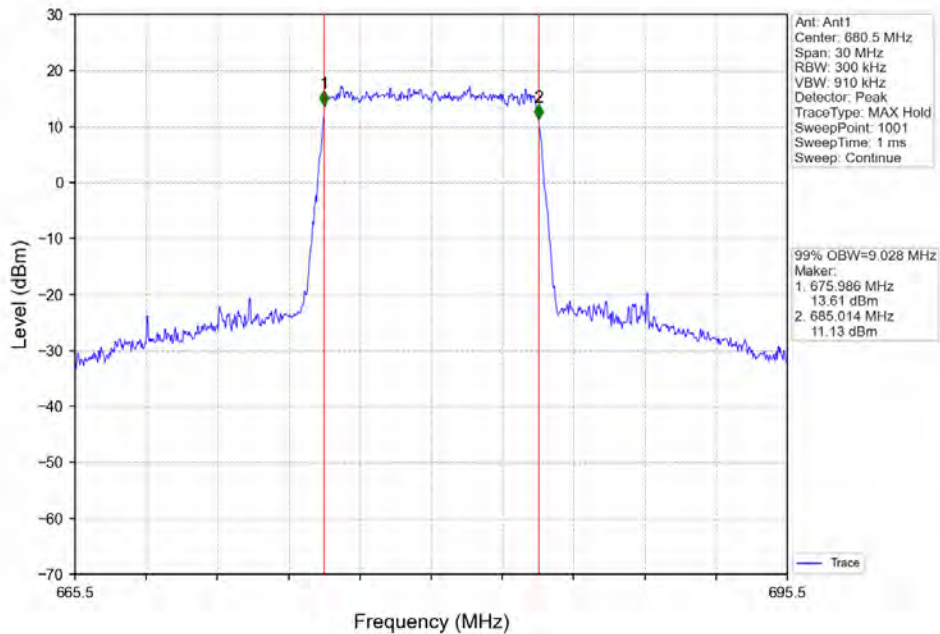
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 10MHz 64QAM LCH 668MHz RB 50 0 NTVN



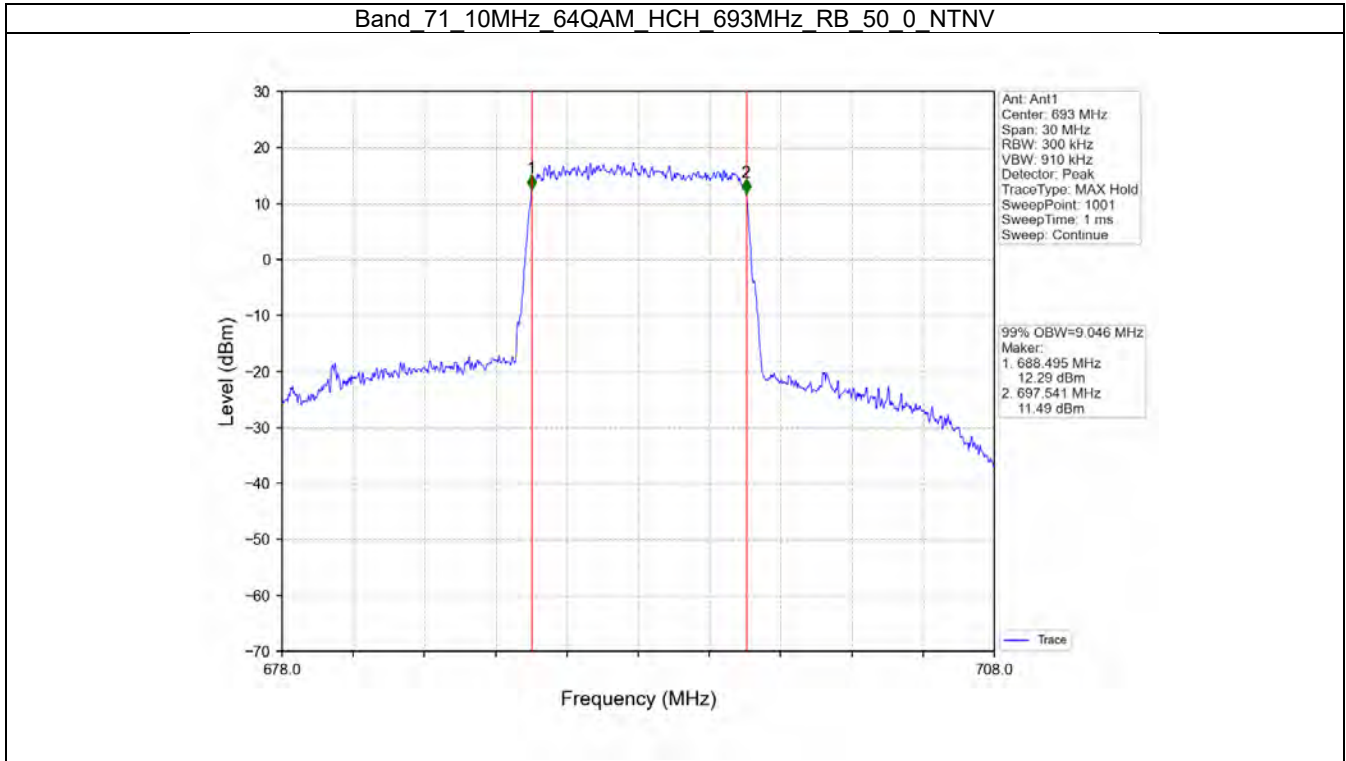
Band 71 10MHz 64QAM MCH 680.5MHz RB 50 0 NTVN





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**Test Report No.: W7L-P20210616-3RF03**



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Technology (Shenzhen) Co. Ltd

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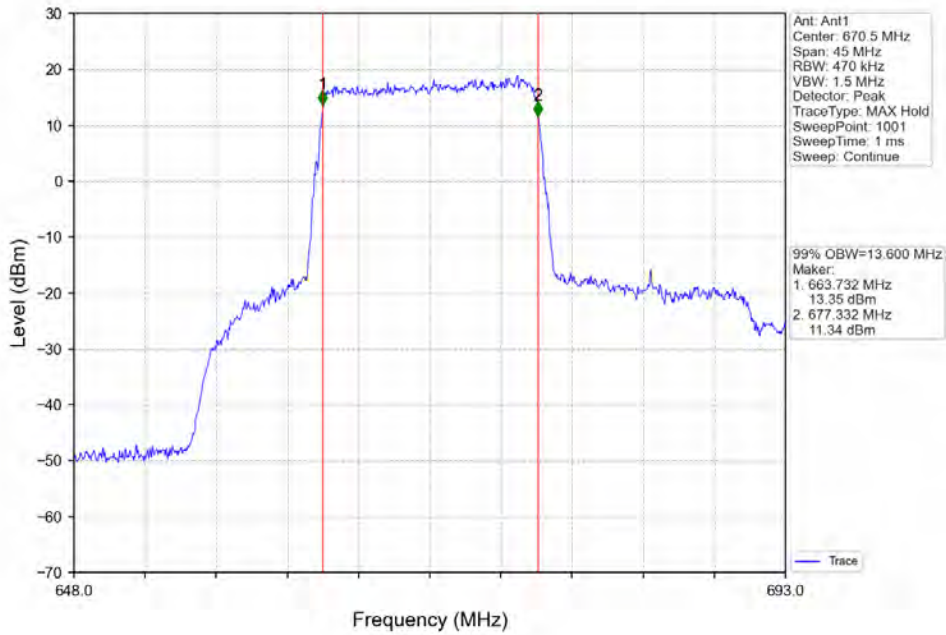
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Fax: +86 755 8869 6577

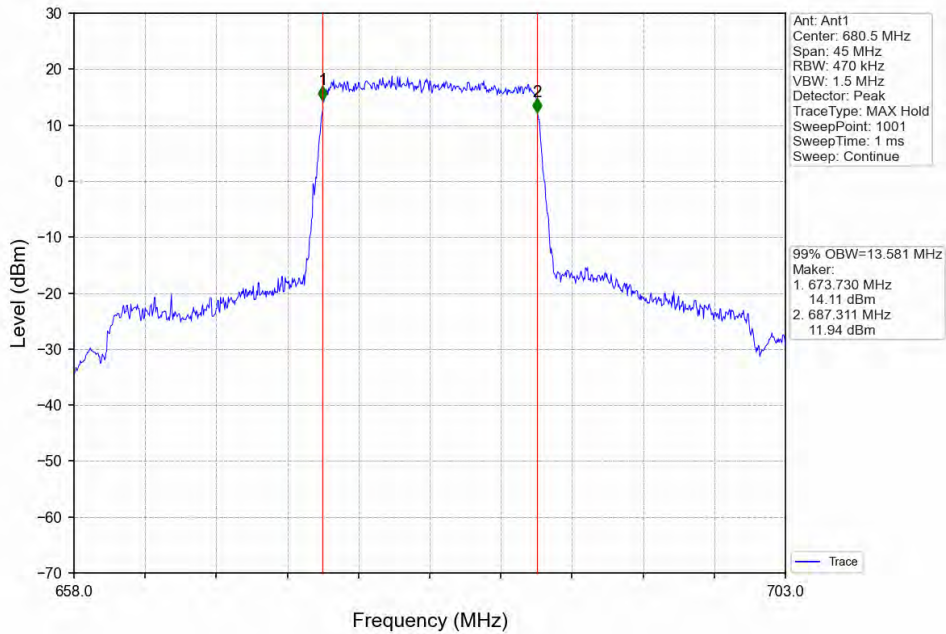
Email: [customerservice.sw@bureauveritas.com](mailto:customerservice.sw@bureauveritas.com)



Band 71 15MHz QPSK LCH 670.5MHz RB 75 0 NTN

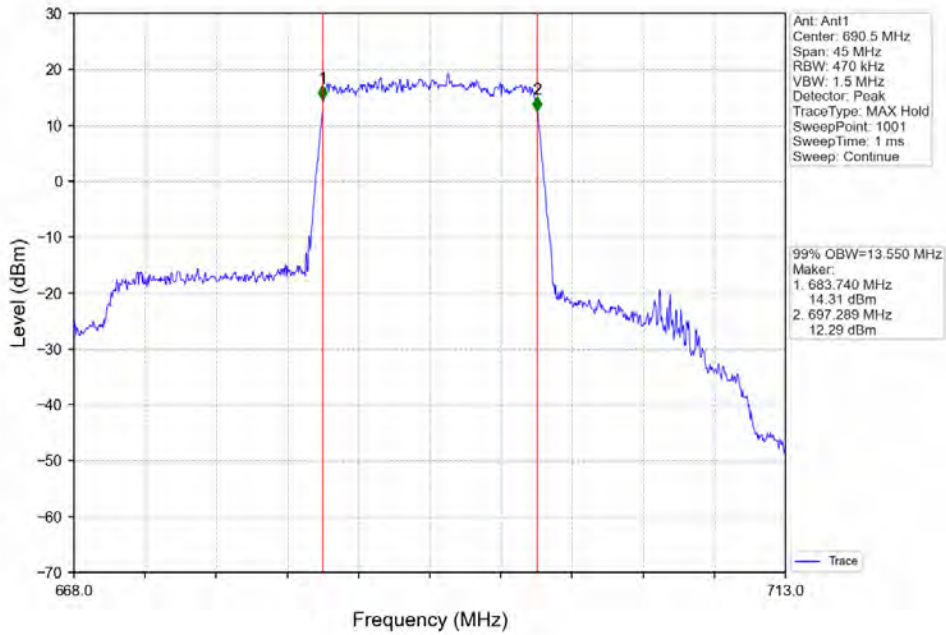


Band 71 15MHz QPSK MCH 680.5MHz RB 75 0 NTN

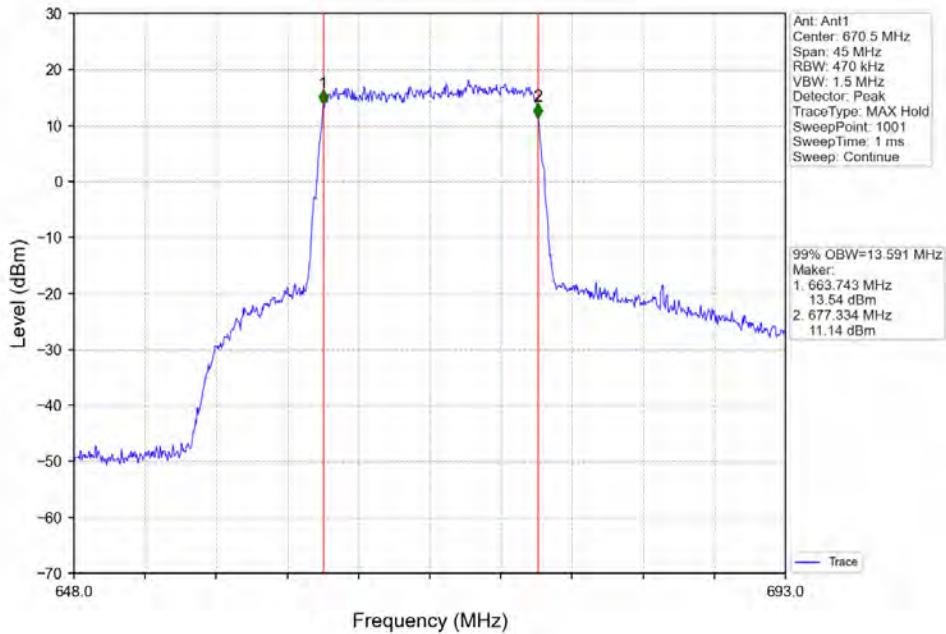




Band 71 15MHz QPSK HCH 690.5MHz RB 75 0 NTN



Band 71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTN



BV 7Layers Communications Technology (Shenzhen) Co. Ltd

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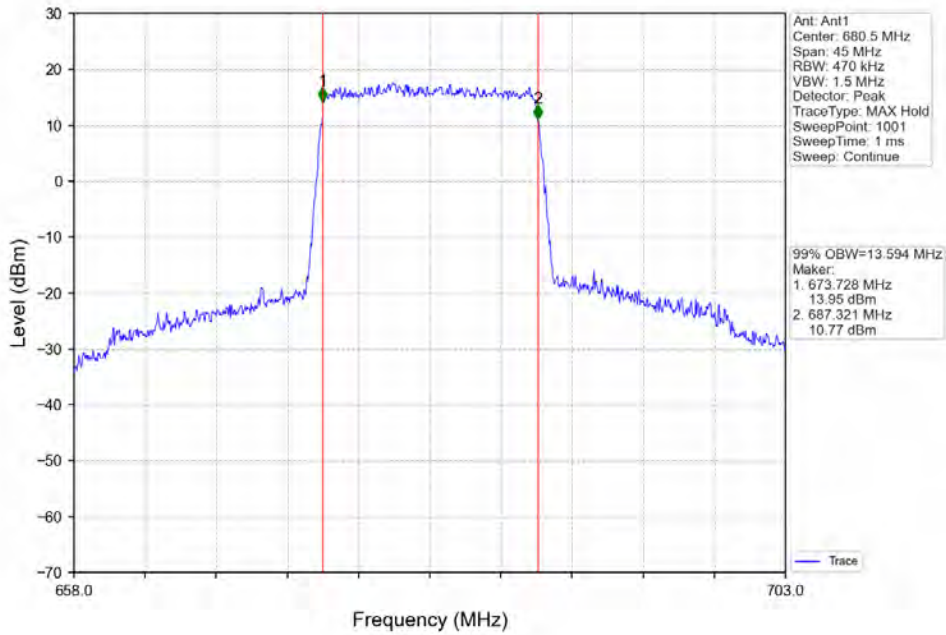
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Band 71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



Band 71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV

