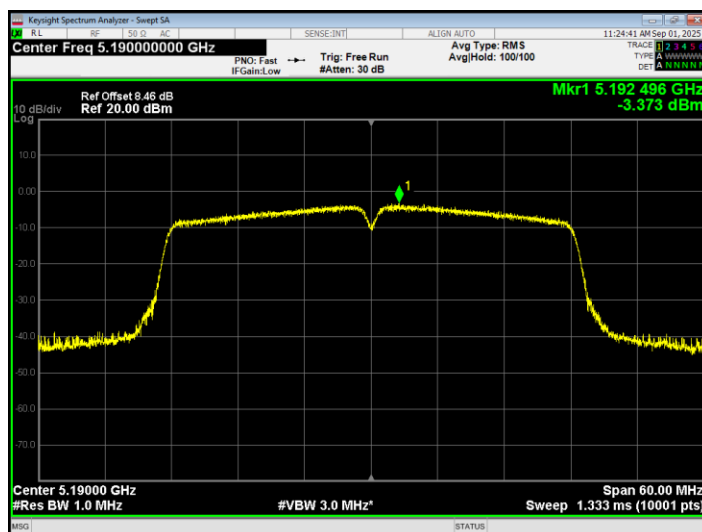




PSD NVNT n40 5190MHz Ant1



PSD NVNT n40 5230MHz Ant1





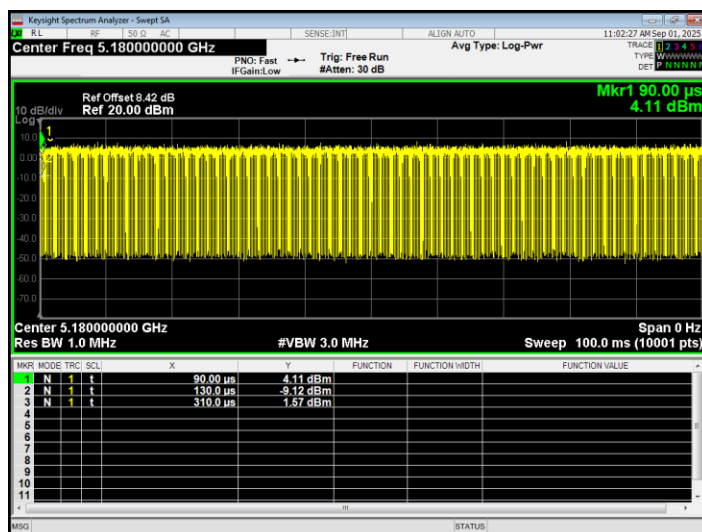
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant2	81.82	0.87
NVNT	a	5220	Ant2	78.26	1.06
NVNT	a	5240	Ant2	81.82	0.87
NVNT	ac20	5180	Ant2	97.04	0.13
NVNT	ac20	5220	Ant2	97.06	0.13
NVNT	ac20	5240	Ant2	97.04	0.13
NVNT	ac40	5190	Ant2	94.2	0.26
NVNT	ac40	5230	Ant2	94.29	0.26
NVNT	ac80	5210	Ant2	86.49	0.63
NVNT	n20	5180	Ant2	96.3	0.16
NVNT	n20	5220	Ant2	97.04	0.13
NVNT	n20	5240	Ant2	97.01	0.13
NVNT	n40	5190	Ant2	94.2	0.26
NVNT	n40	5230	Ant2	94.2	0.26

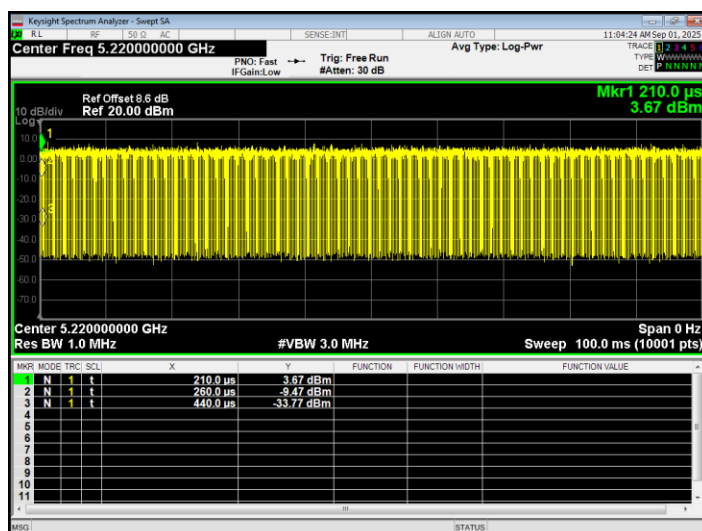


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT a 5180MHz Ant2



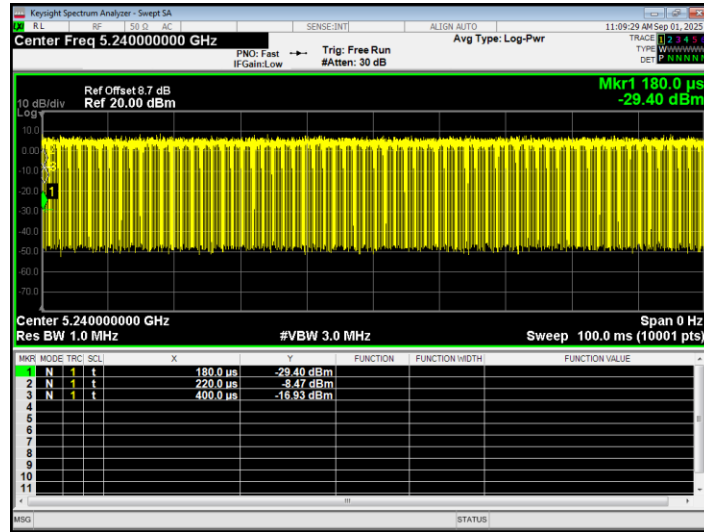
Duty Cycle NVNT a 5220MHz Ant2



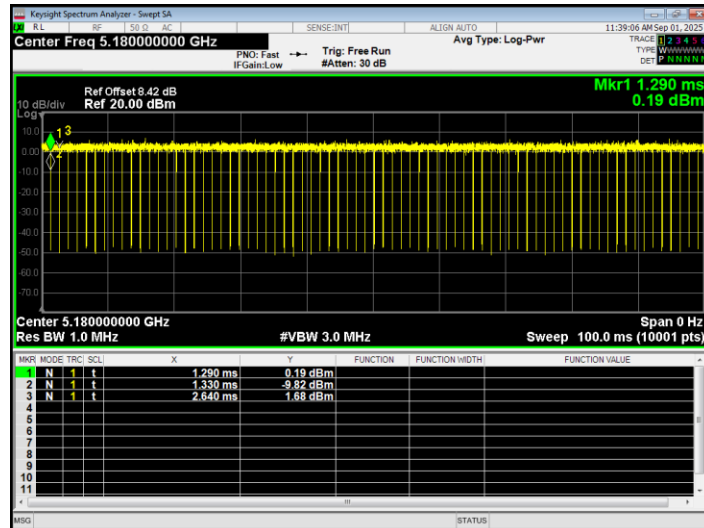


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT a 5240MHz Ant2



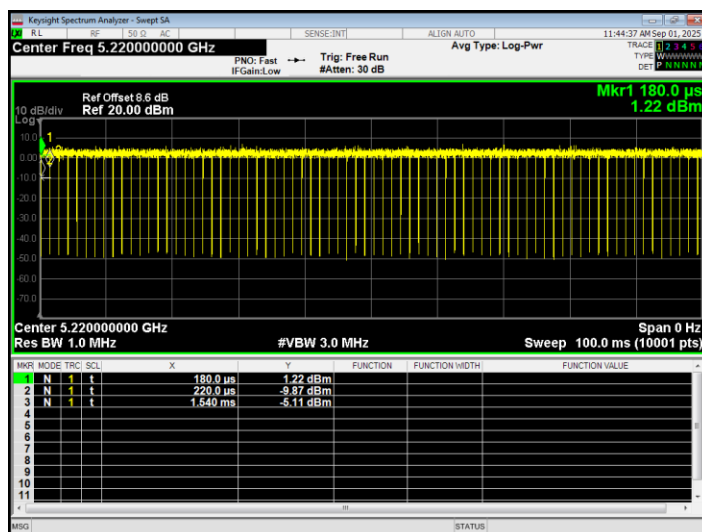
Duty Cycle NVNT ac20 5180MHz Ant2



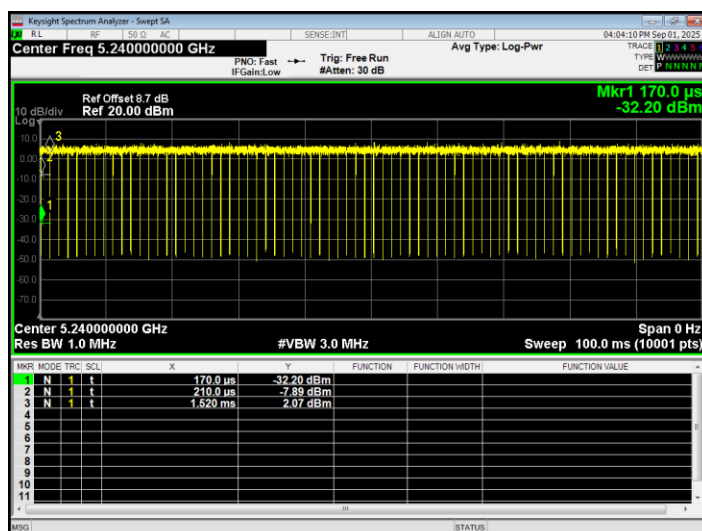


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT ac20 5220MHz Ant2



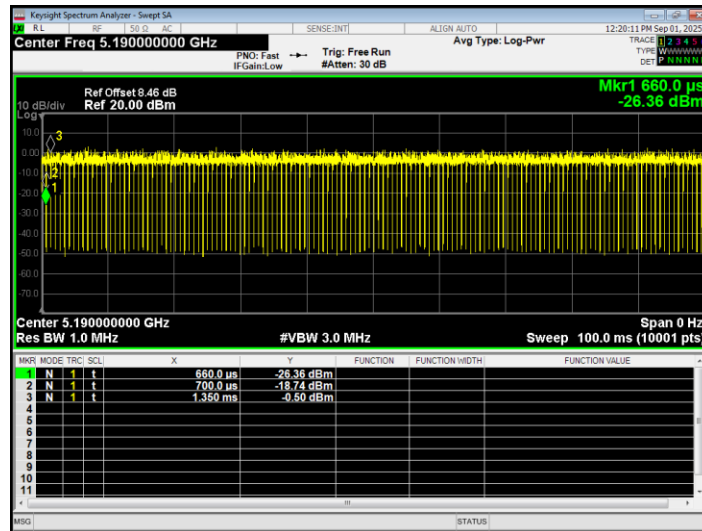
Duty Cycle NVNT ac20 5240MHz Ant2



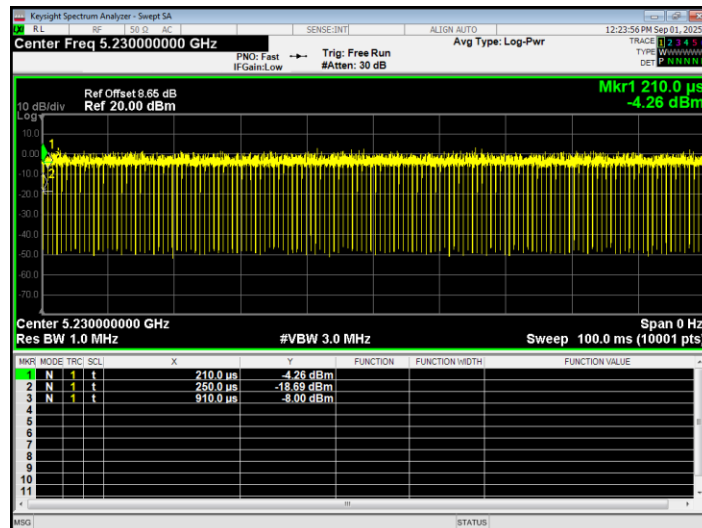


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT ac40 5190MHz Ant2



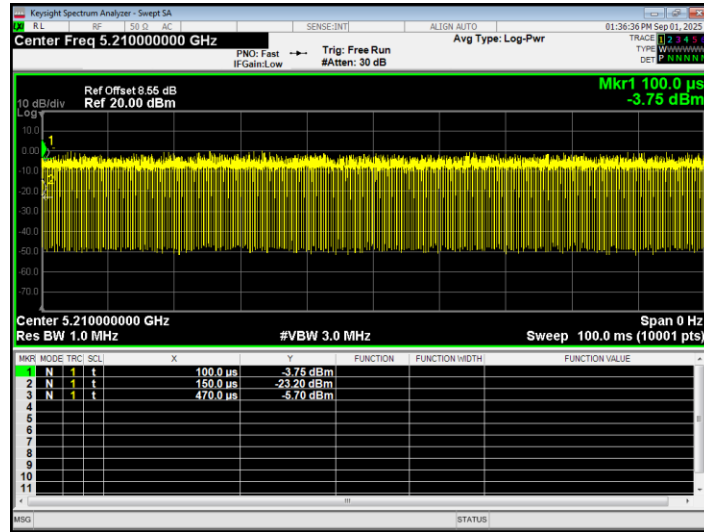
Duty Cycle NVNT ac40 5230MHz Ant2



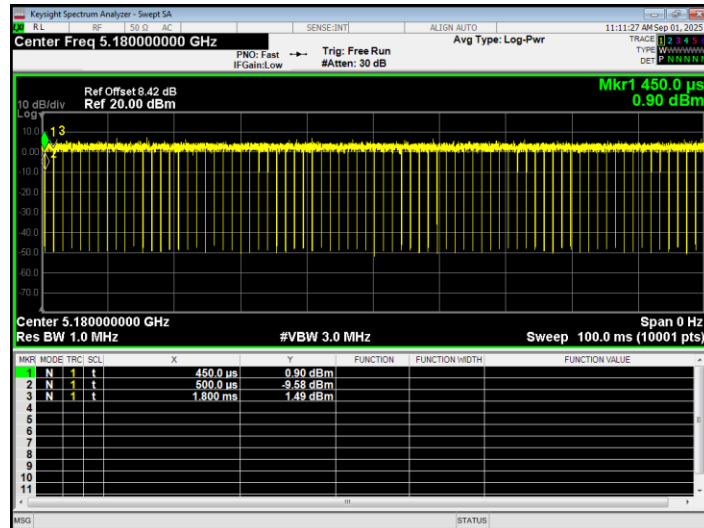


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT ac80 5210MHz Ant2



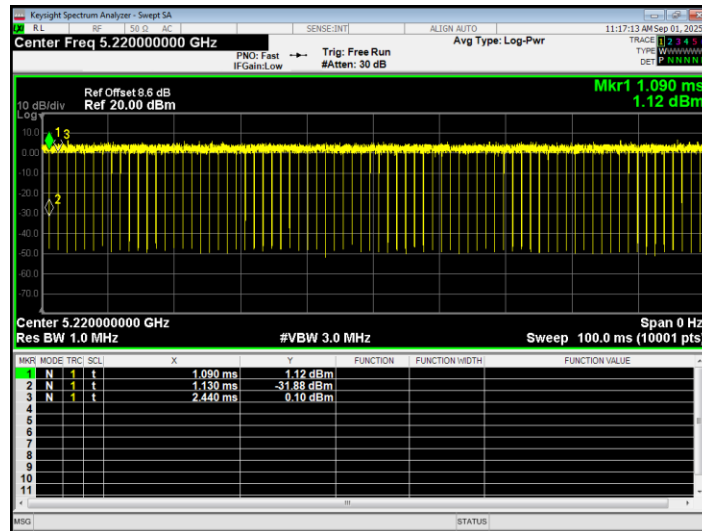
Duty Cycle NVNT n20 5180MHz Ant2



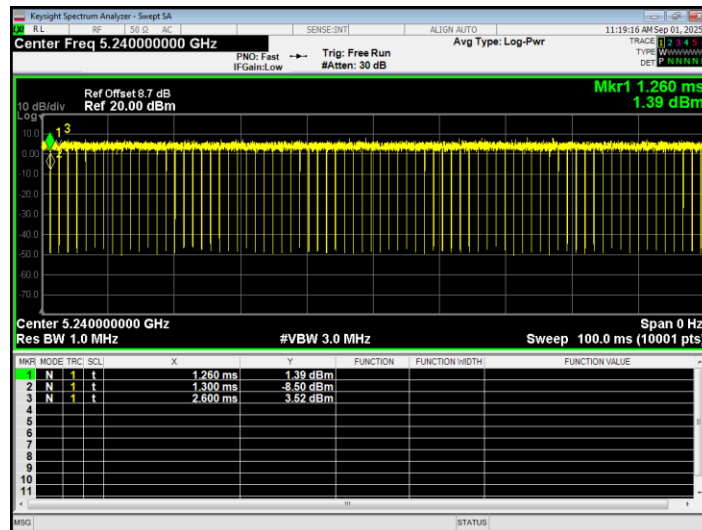


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT n20 5220MHz Ant2



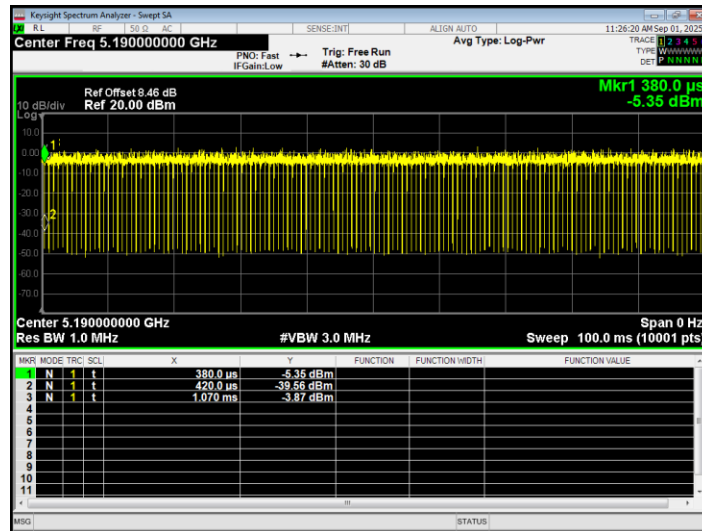
Duty Cycle NVNT n20 5240MHz Ant2



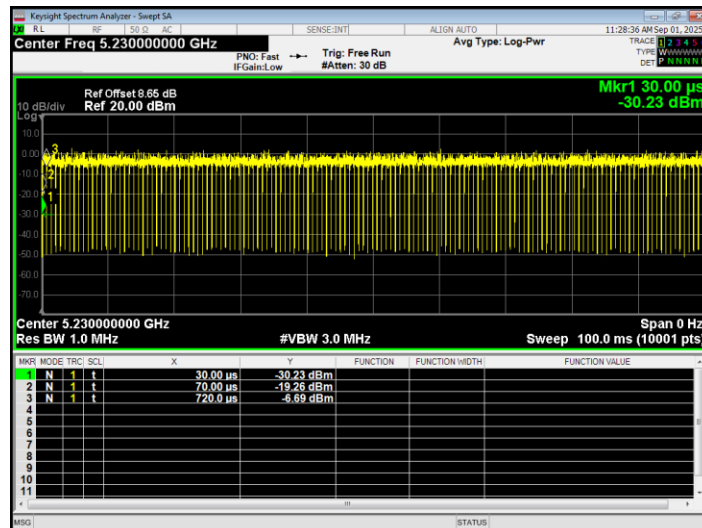


Shenzhen DL Testing Technology Co., Ltd.

Duty Cycle NVNT n40 5190MHz Ant2



Duty Cycle NVNT n40 5230MHz Ant2





Conducted Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-37.36	-27	Pass
NVNT	a	5240	Ant1	-41.1	-27	Pass
NVNT	ac20	5180	Ant1	-35.47	-27	Pass
NVNT	ac20	5240	Ant1	-40.87	-27	Pass
NVNT	ac40	5190	Ant1	-33.47	-27	Pass
NVNT	ac40	5230	Ant1	-40.98	-27	Pass
NVNT	ac80	5210	Ant1	-31.95	-27	Pass
NVNT	n20	5180	Ant1	-33.01	-27	Pass
NVNT	n20	5240	Ant1	-40.79	-27	Pass
NVNT	n40	5190	Ant1	-30.67	-27	Pass
NVNT	n40	5230	Ant1	-41.41	-27	Pass

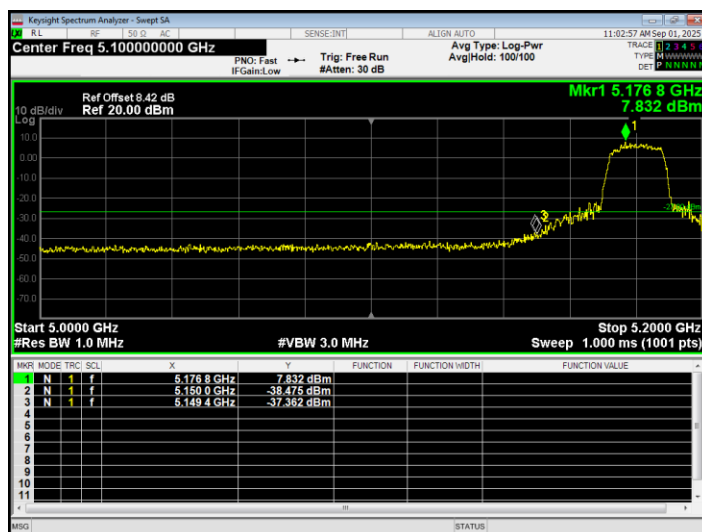
Note: The antenna gain is compensated in the test data.

The ANT 1&ANT 2 both has 3dB margin below the limit, so the MIMO mode is passed.

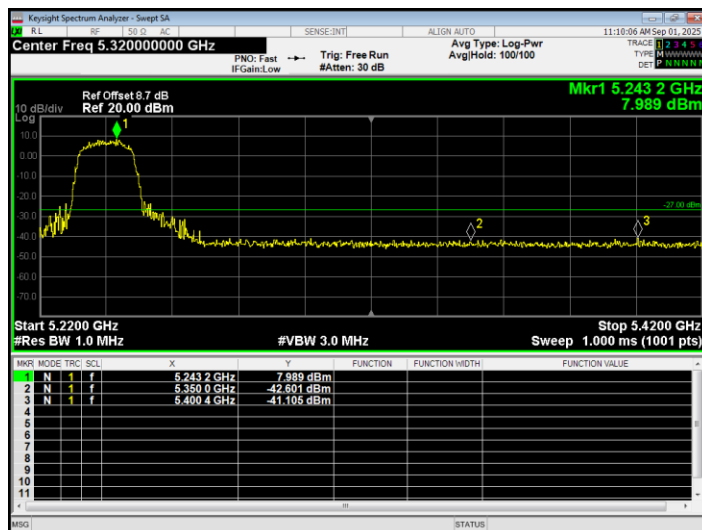


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT a 5180MHz Low Ant2



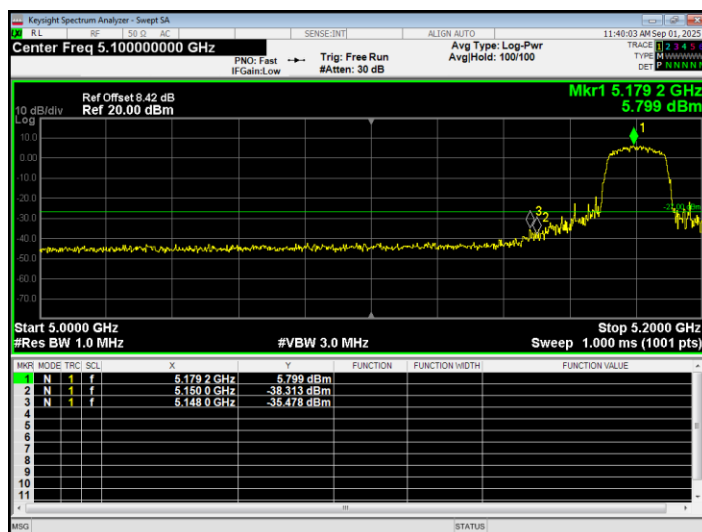
Band Edge NVNT a 5240MHz High Ant2



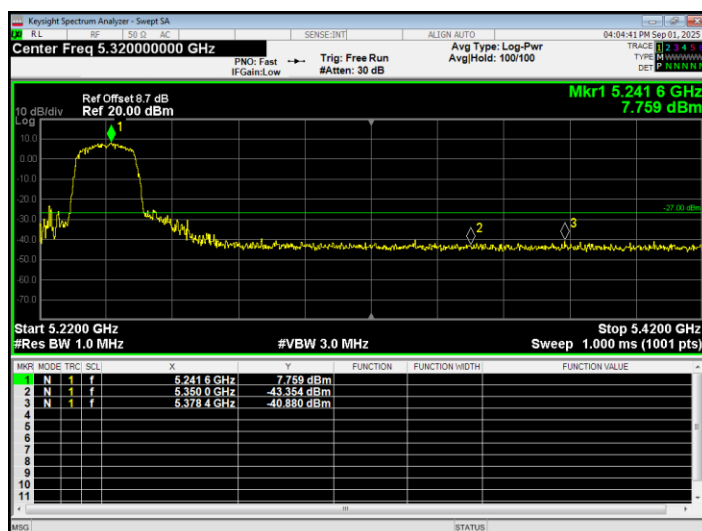


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac20 5180MHz Low Ant2



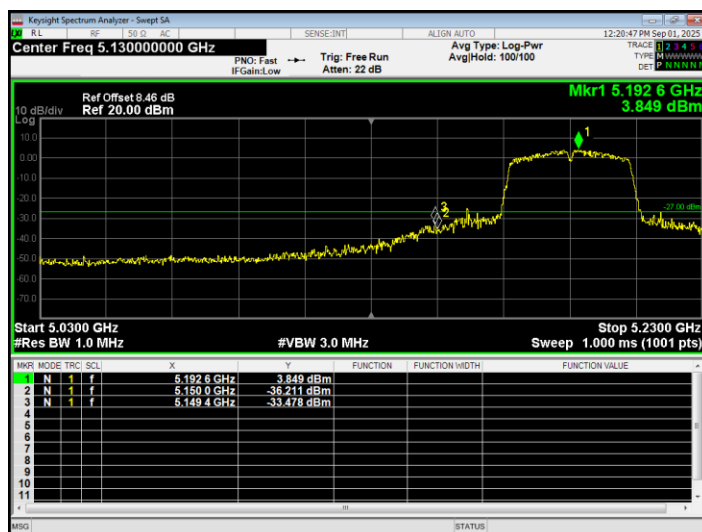
Band Edge NVNT ac20 5240MHz High Ant2



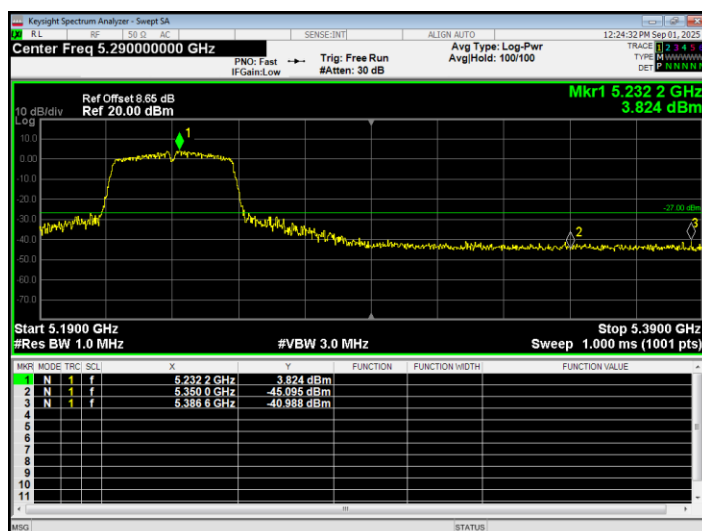


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac40 5190MHz Low Ant2



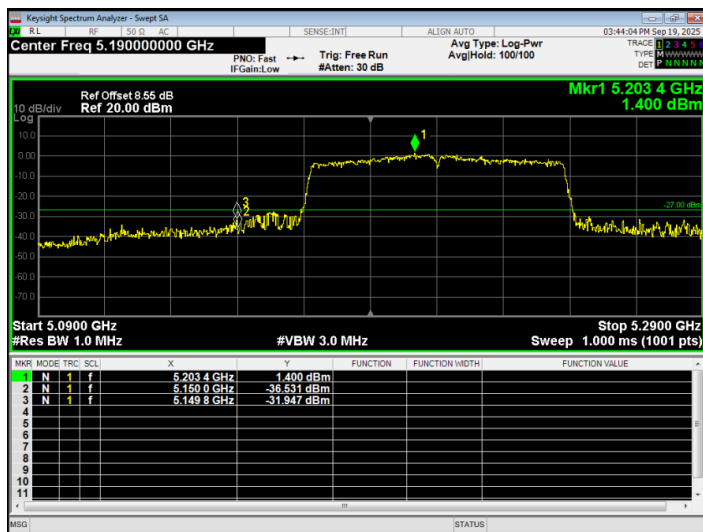
Band Edge NVNT ac40 5230MHz High Ant2



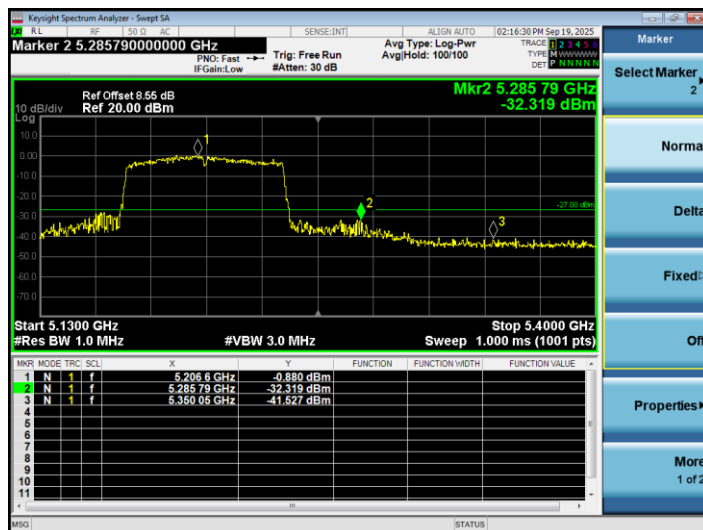


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT ac80 5210MHz Low Ant2



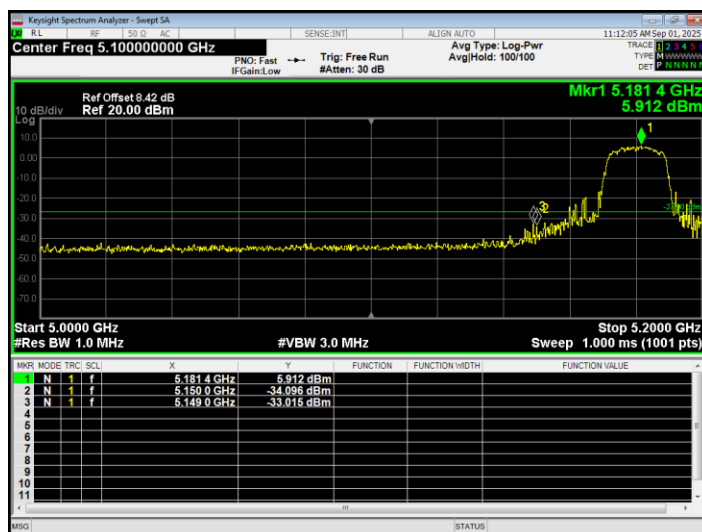
Band Edge NVNT ac80 5210MHz Low Ant2



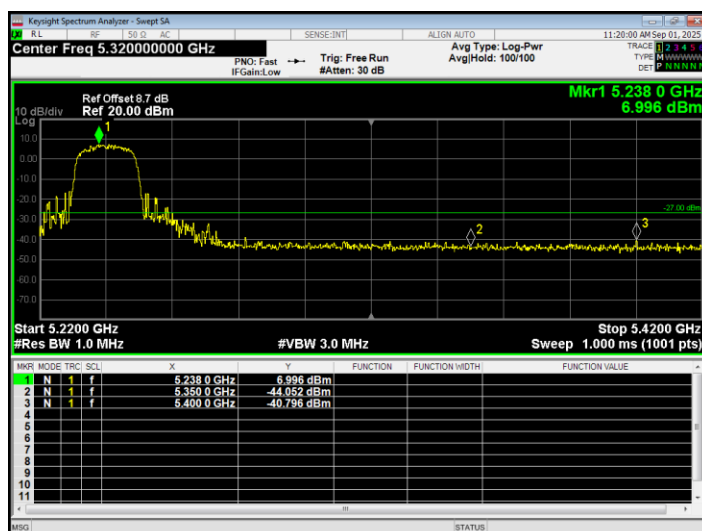


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT n20 5180MHz Low Ant2



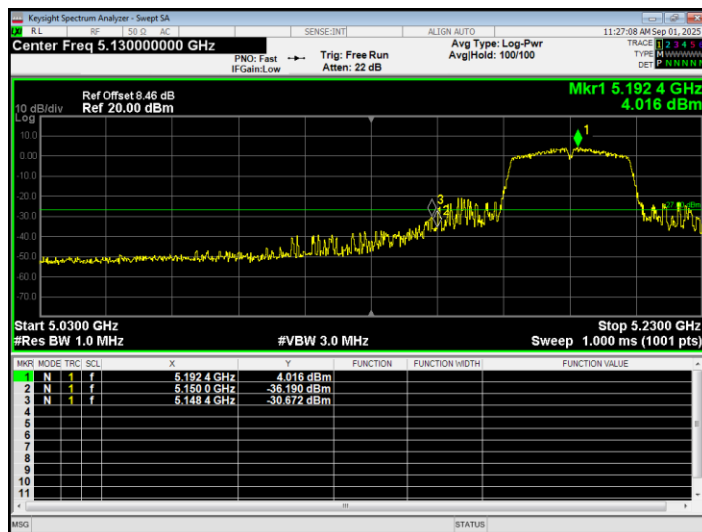
Band Edge NVNT n20 5240MHz High Ant2



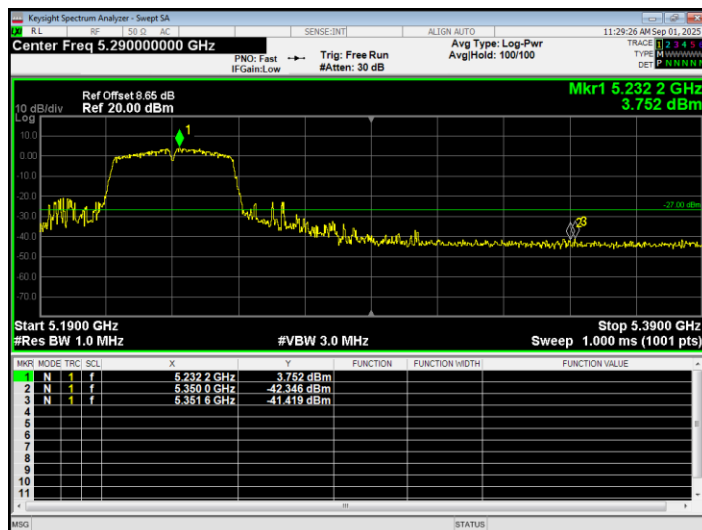


Shenzhen DL Testing Technology Co., Ltd.

Band Edge NVNT n40 5190MHz Low Ant2



Band Edge NVNT n40 5230MHz High Ant2





Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Output Power (dBm)	Duty factor (dB)	Total Output Power(dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	8.568	0.87	9.438	24	Pass
NVNT	a	5220	Ant2	8.404	1.06	9.464	24	Pass
NVNT	a	5240	Ant2	9.394	0.87	10.264	24	Pass
NVNT	ac20	5180	Ant2	8.67	0.13	8.8	24	Pass
NVNT	ac20	5220	Ant2	8.731	0.13	8.861	24	Pass
NVNT	ac20	5240	Ant2	10.65	0.13	10.78	24	Pass
NVNT	ac40	5190	Ant2	9.113	0.26	9.373	24	Pass
NVNT	ac40	5230	Ant2	9.317	0.26	9.577	24	Pass
NVNT	ac80	5210	Ant2	9.436	0.63	10.066	24	Pass
NVNT	n20	5180	Ant2	8.759	0.16	8.919	24	Pass
NVNT	n20	5220	Ant2	8.735	0.13	8.865	24	Pass
NVNT	n20	5240	Ant2	10.194	0.13	10.324	24	Pass
NVNT	n40	5190	Ant2	9.254	0.26	9.514	24	Pass
NVNT	n40	5230	Ant2	9.217	0.26	9.477	24	Pass

Condition	Mode	Frequency (MHz)	Total Output Power (dBm)		ANT1&ANT2 MIMO Conducted Output Power(dBm)	Limit (dBm)
			ANT1	ANT2		
NVNT	ac20	5180	8.883	8.8	11.85	24
NVNT	ac20	5220	8.833	8.861	11.86	24
NVNT	ac20	5240	10.325	10.78	13.57	24
NVNT	ac40	5190	9.345	9.373	12.37	24
NVNT	ac40	5230	10.096	9.577	12.85	24
NVNT	ac80	5210	9.944	10.066	13.02	24
NVNT	n20	5180	8.795	8.919	11.87	24
NVNT	n20	5220	8.61	8.865	11.75	24
NVNT	n20	5240	10.309	10.324	13.33	24
NVNT	n40	5190	9.492	9.514	12.51	24
NVNT	n40	5230	9.426	9.477	12.46	24

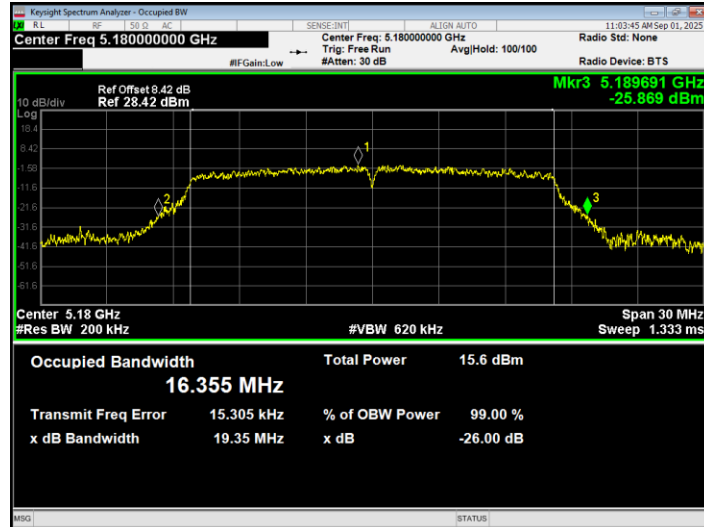


-26dB Bandwidth

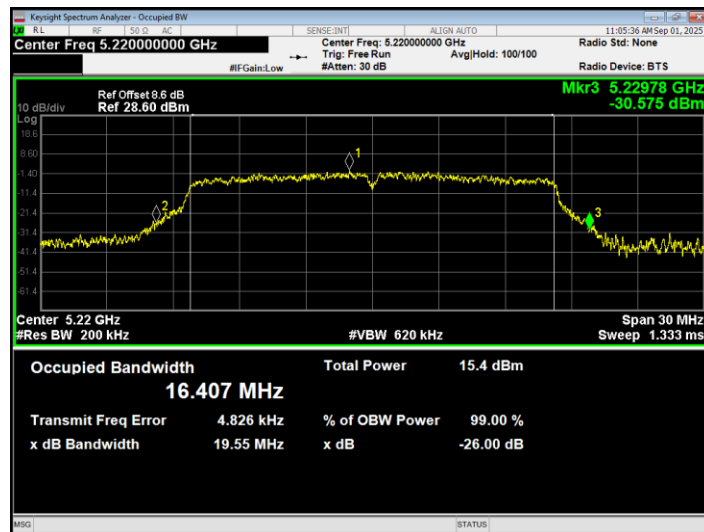
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant2	19.35	Pass
NVNT	a	5220	Ant2	19.551	Pass
NVNT	a	5240	Ant2	19.271	Pass
NVNT	ac20	5180	Ant2	20.12	Pass
NVNT	ac20	5220	Ant2	20.141	Pass
NVNT	ac20	5240	Ant2	20.007	Pass
NVNT	ac40	5190	Ant2	39.889	Pass
NVNT	ac40	5230	Ant2	40.394	Pass
NVNT	ac80	5210	Ant2	80.587	Pass
NVNT	n20	5180	Ant2	20.107	Pass
NVNT	n20	5220	Ant2	20.189	Pass
NVNT	n20	5240	Ant2	20.001	Pass
NVNT	n40	5190	Ant2	40.335	Pass
NVNT	n40	5230	Ant2	40.663	Pass



-26dB Bandwidth NVNT a 5180MHz Ant2



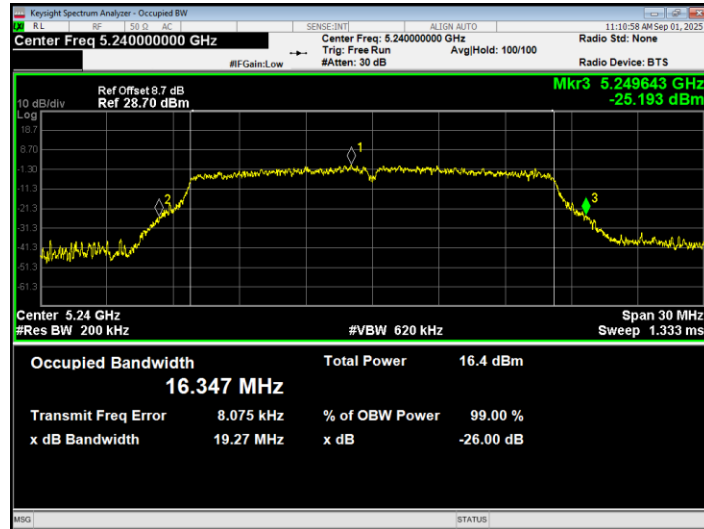
-26dB Bandwidth NVNT a 5220MHz Ant2



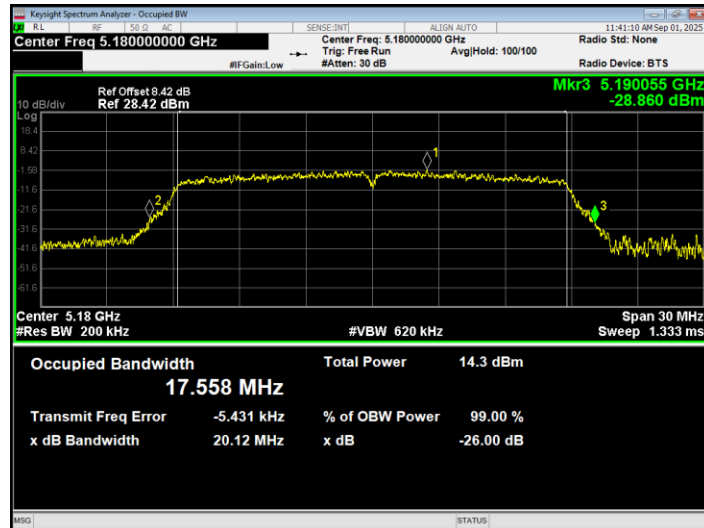


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT a 5240MHz Ant2



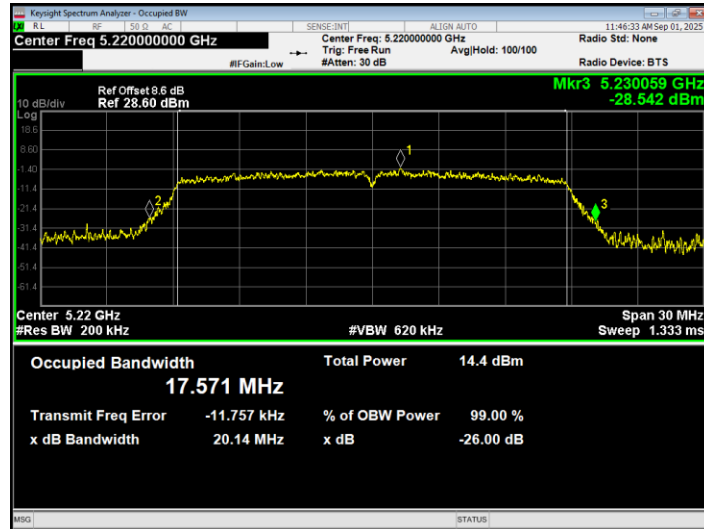
-26dB Bandwidth NVNT ac20 5180MHz Ant2



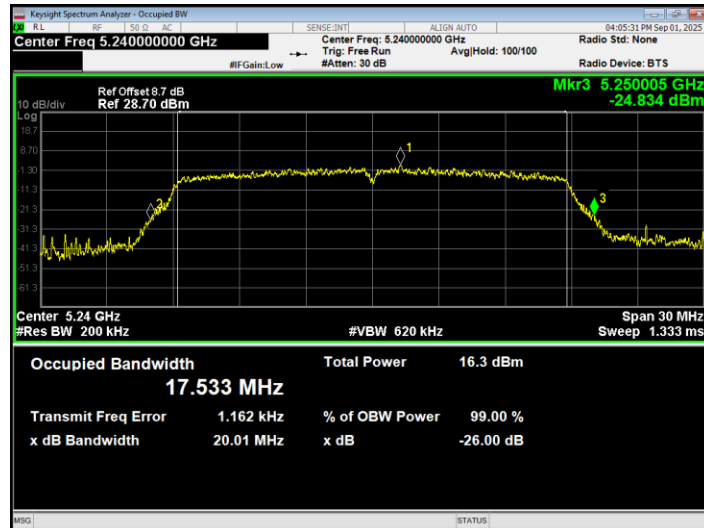


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT ac20 5220MHz Ant2



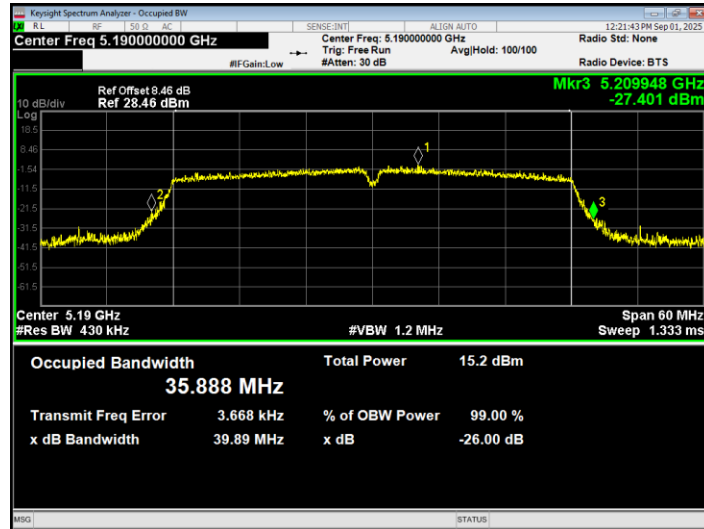
-26dB Bandwidth NVNT ac20 5240MHz Ant2



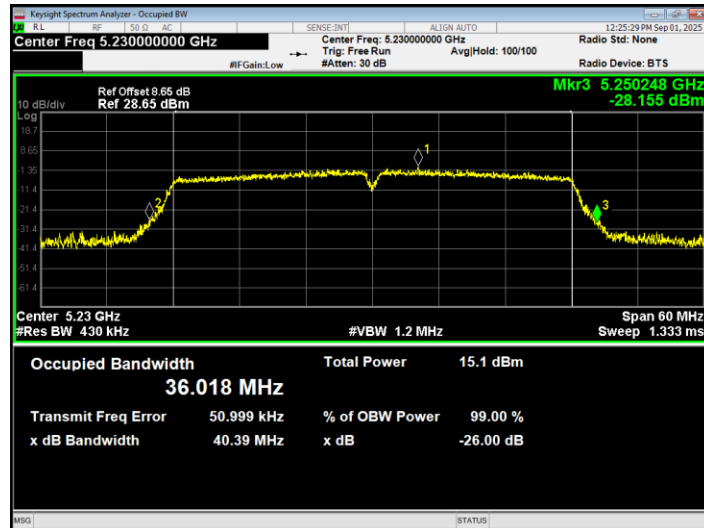


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT ac40 5190MHz Ant2



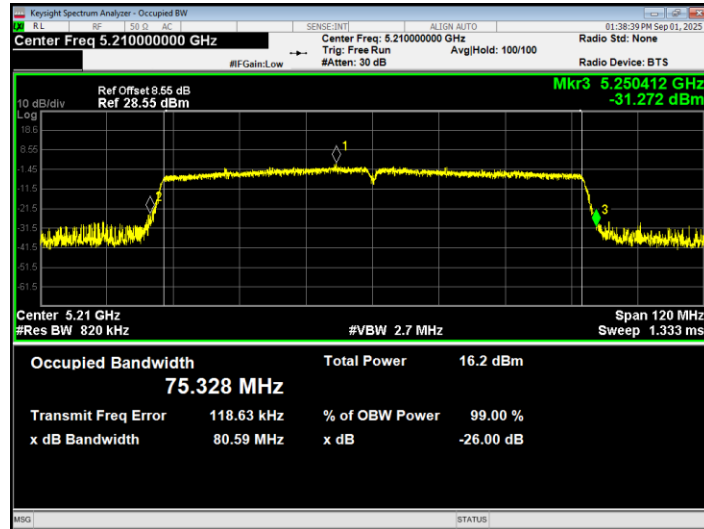
-26dB Bandwidth NVNT ac40 5230MHz Ant2



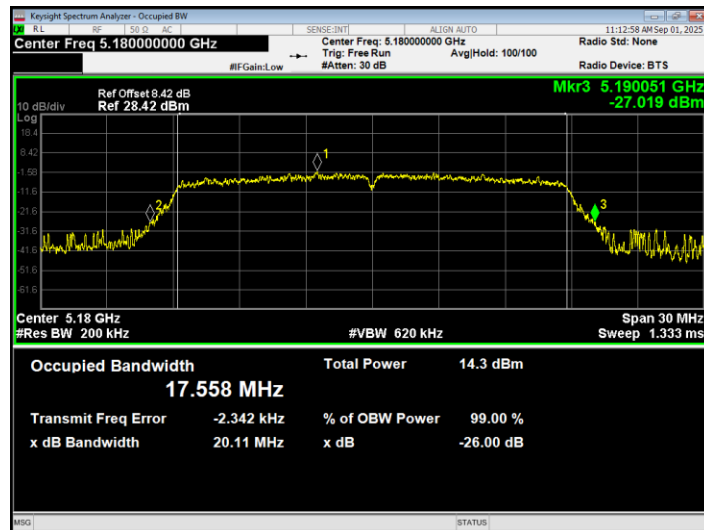


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT ac80 5210MHz Ant2



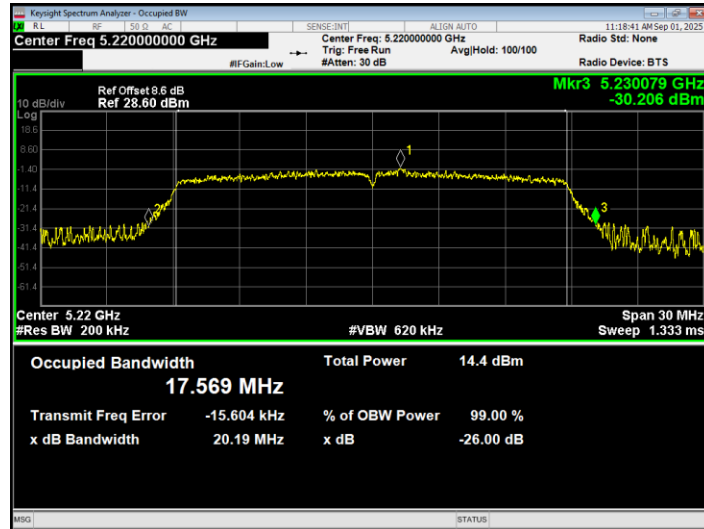
-26dB Bandwidth NVNT n20 5180MHz Ant2



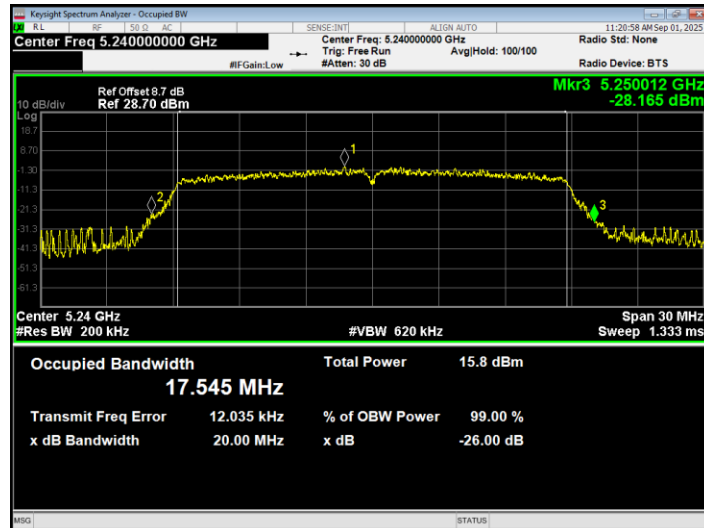


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT n20 5220MHz Ant2



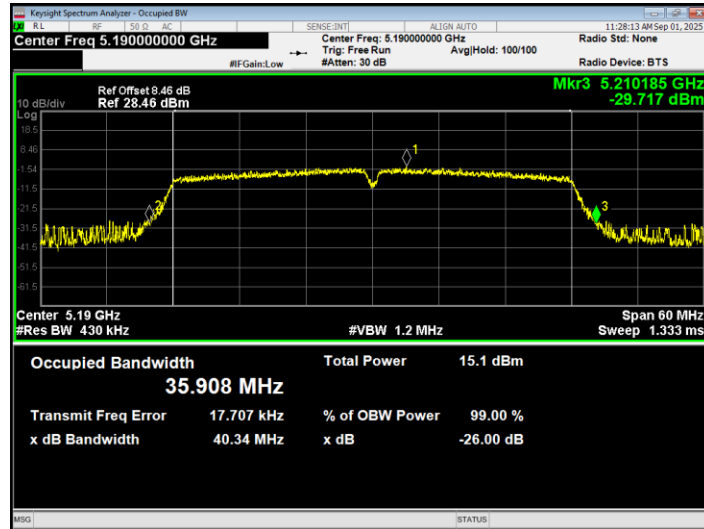
-26dB Bandwidth NVNT n20 5240MHz Ant2



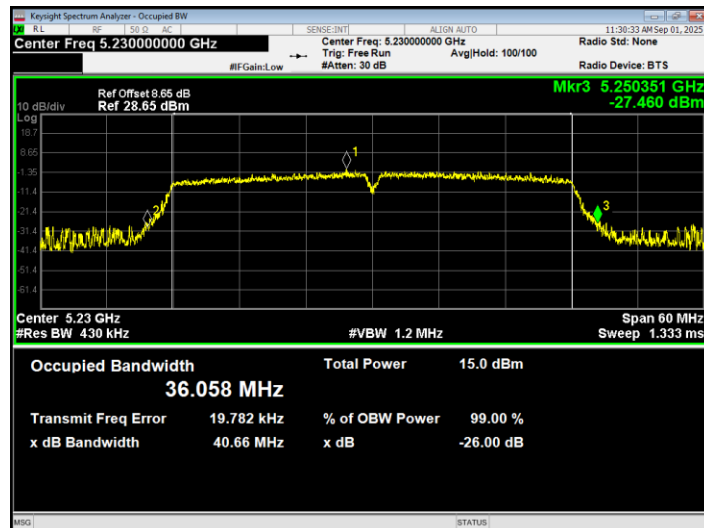


Shenzhen DL Testing Technology Co., Ltd.

-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant2





Shenzhen DL Testing Technology Co., Ltd.

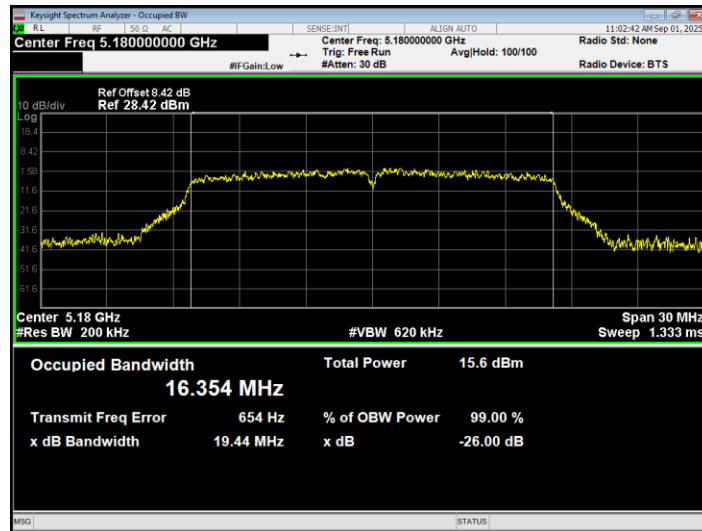
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant2	16.35356987
NVNT	a	5220	Ant2	16.39263733
NVNT	a	5240	Ant2	16.37881393
NVNT	ac20	5180	Ant2	17.55237906
NVNT	ac20	5220	Ant2	17.61336369
NVNT	ac20	5240	Ant2	17.53253596
NVNT	ac40	5190	Ant2	35.93682411
NVNT	ac40	5230	Ant2	36.0327621
NVNT	ac80	5210	Ant2	75.28749489
NVNT	n20	5180	Ant2	17.59008892
NVNT	n20	5220	Ant2	17.57452255
NVNT	n20	5240	Ant2	17.55089362
NVNT	n40	5190	Ant2	35.95424069
NVNT	n40	5230	Ant2	36.0439927

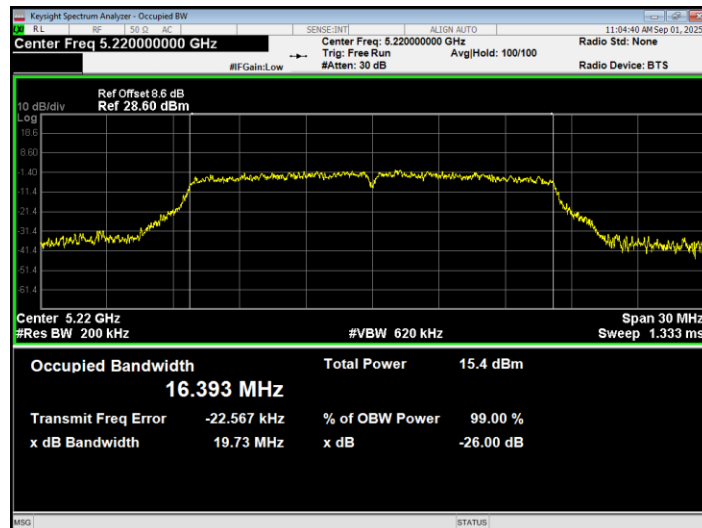


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT a 5180MHz Ant2



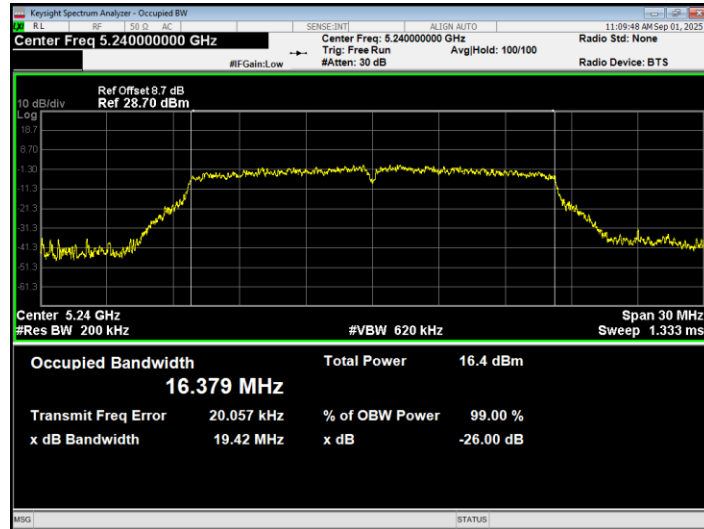
OBW NVNT a 5220MHz Ant2



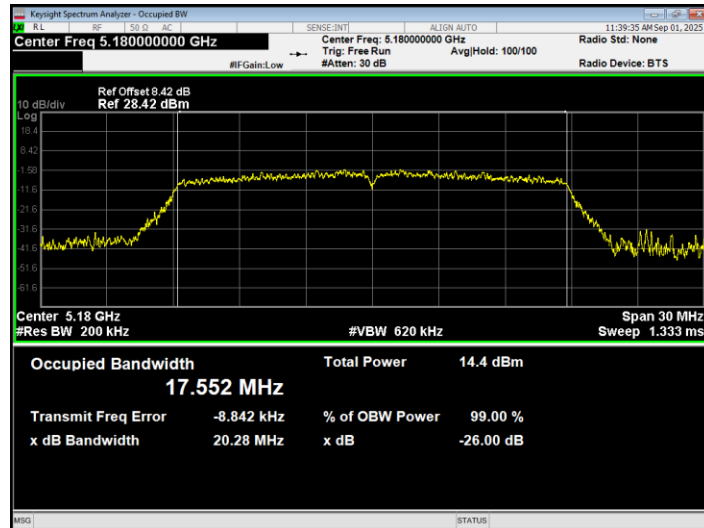


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT a 5240MHz Ant2



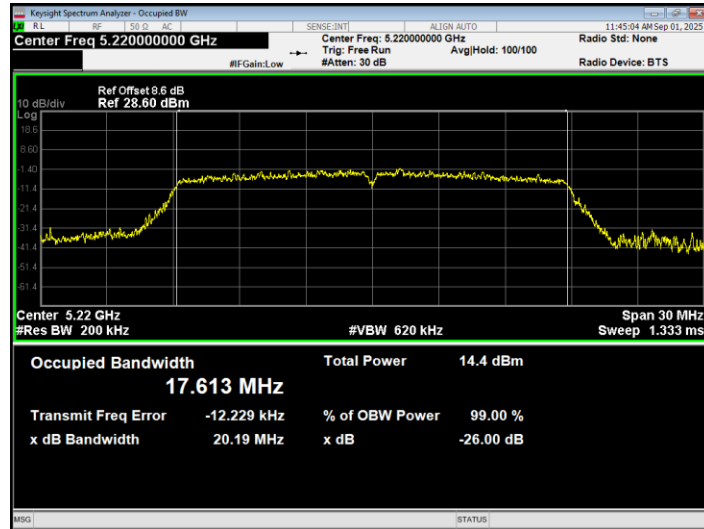
OBW NVNT ac20 5180MHz Ant2



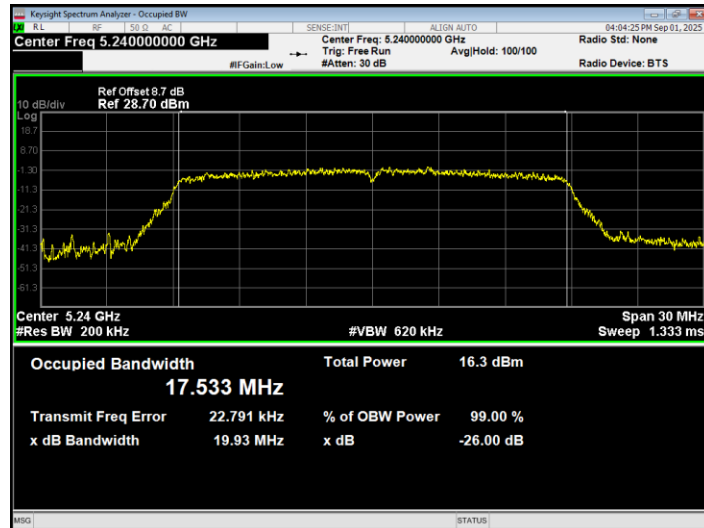


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac20 5220MHz Ant2



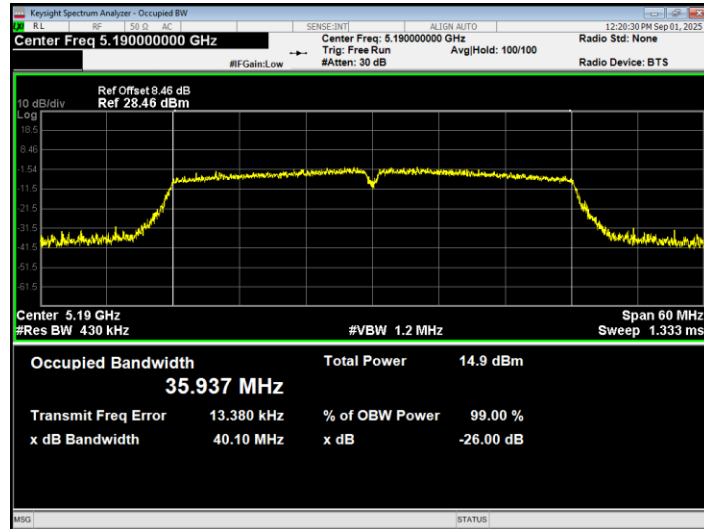
OBW NVNT ac20 5240MHz Ant2



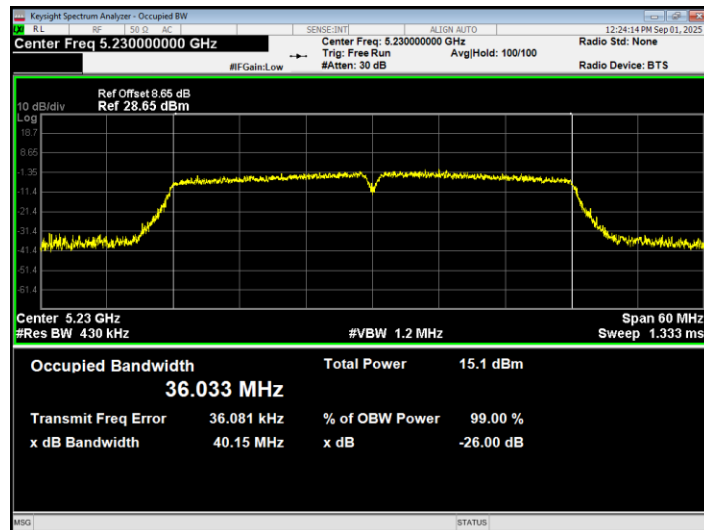


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac40 5190MHz Ant2



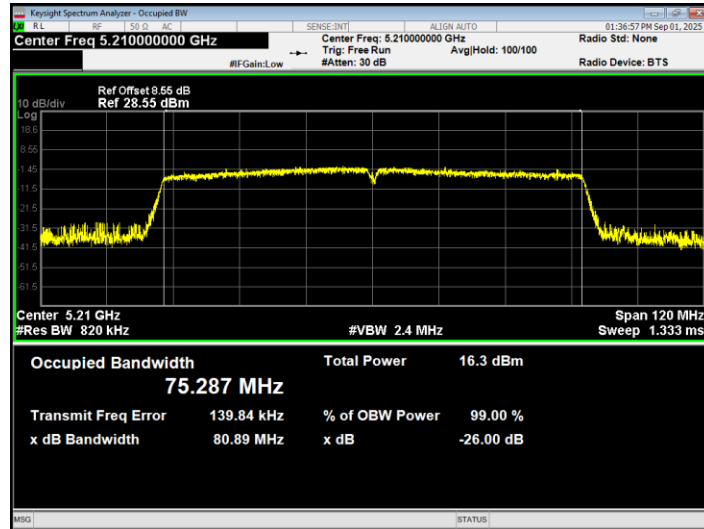
OBW NVNT ac40 5230MHz Ant2



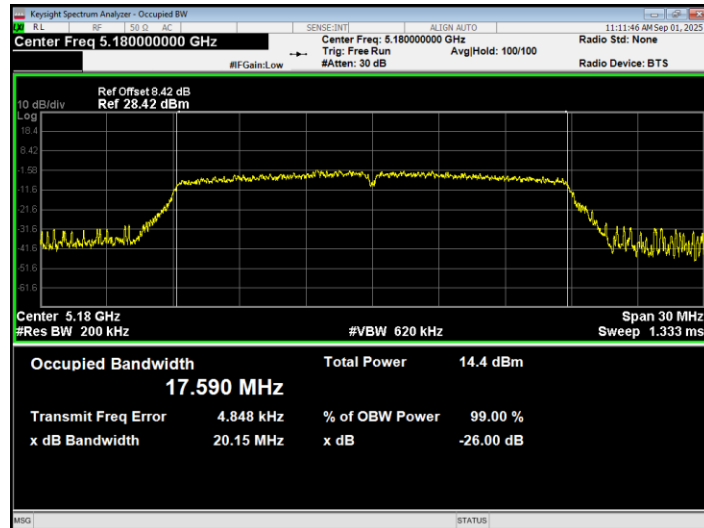


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT ac80 5210MHz Ant2



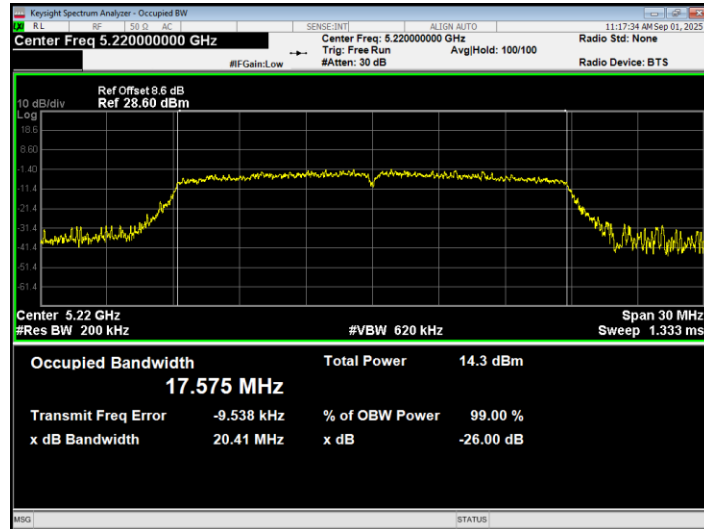
OBW NVNT n20 5180MHz Ant2



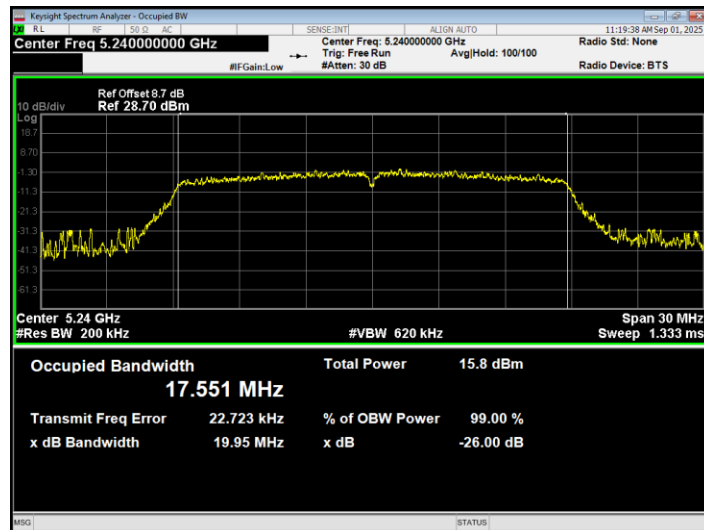


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n20 5220MHz Ant2



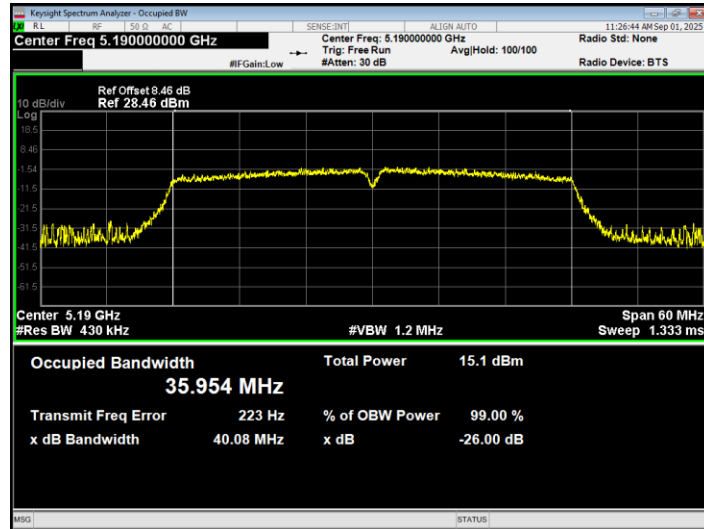
OBW NVNT n20 5240MHz Ant2



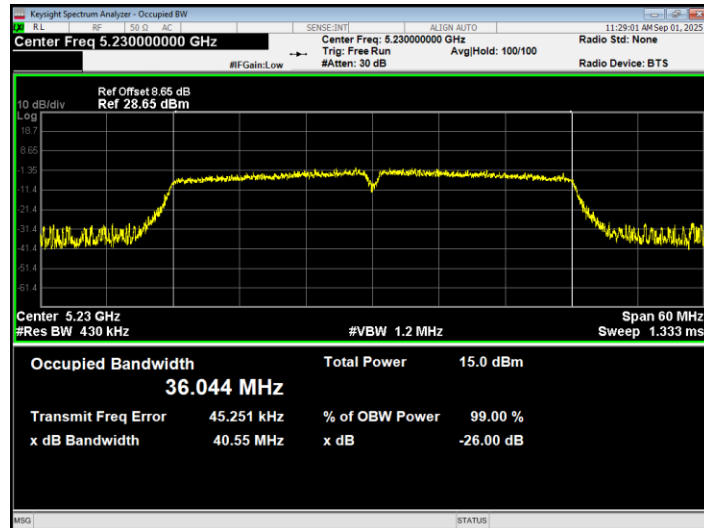


Shenzhen DL Testing Technology Co., Ltd.

OBW NVNT n40 5190MHz Ant2



OBW NVNT n40 5230MHz Ant2





Shenzhen DL Testing Technology Co., Ltd.

Maximum Power Spectral Density Level

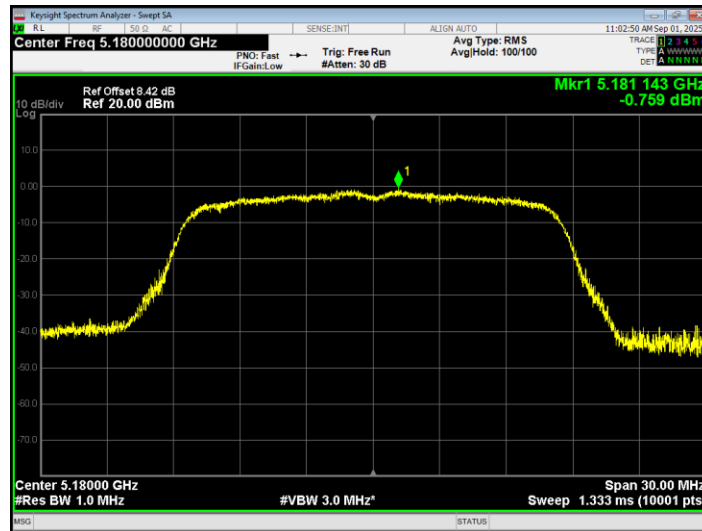
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	-0.759	0.87	0.111	11	Pass
NVNT	a	5220	Ant2	-0.918	1.06	0.142	11	Pass
NVNT	a	5240	Ant2	0.113	0.87	0.983	11	Pass
NVNT	ac20	5180	Ant2	-0.94	0.13	-0.81	11	Pass
NVNT	ac20	5220	Ant2	-1.206	0.13	-1.076	11	Pass
NVNT	ac20	5240	Ant2	0.796	0.13	0.926	11	Pass
NVNT	ac40	5190	Ant2	-3.535	0.26	-3.275	11	Pass
NVNT	ac40	5230	Ant2	-3.742	0.26	-3.482	11	Pass
NVNT	ac80	5210	Ant2	-6.539	0.63	-5.909	11	Pass
NVNT	n20	5180	Ant2	-1.139	0.16	-0.979	11	Pass
NVNT	n20	5220	Ant2	-1.203	0.13	-1.073	11	Pass
NVNT	n20	5240	Ant2	0.536	0.13	0.666	11	Pass
NVNT	n40	5190	Ant2	-3.269	0.26	-3.009	11	Pass
NVNT	n40	5230	Ant2	-3.574	0.26	-3.314	11	Pass

Condition	Mode	Frequency (MHz)	Power Spectral Density (dBm)		ANT1&ANT2 MIMO Power Spectral Density (dBm)	Limit (dBm)
			ANT1	ANT2		
NVNT	ac20	5180	-0.817	-0.81	2.20	11
NVNT	ac20	5220	-1.059	-1.076	1.94	11
NVNT	ac20	5240	0.572	0.926	3.76	11
NVNT	ac40	5190	-3.31	-3.275	-0.28	11
NVNT	ac40	5230	-2.427	-3.482	0.09	11
NVNT	ac80	5210	-6.232	-5.909	-3.06	11
NVNT	n20	5180	-0.865	-0.979	2.09	11
NVNT	n20	5220	-0.897	-1.073	2.03	11
NVNT	n20	5240	0.555	0.666	3.62	11
NVNT	n40	5190	-3.113	-3.009	-0.05	11
NVNT	n40	5230	-3.289	-3.314	-0.29	11

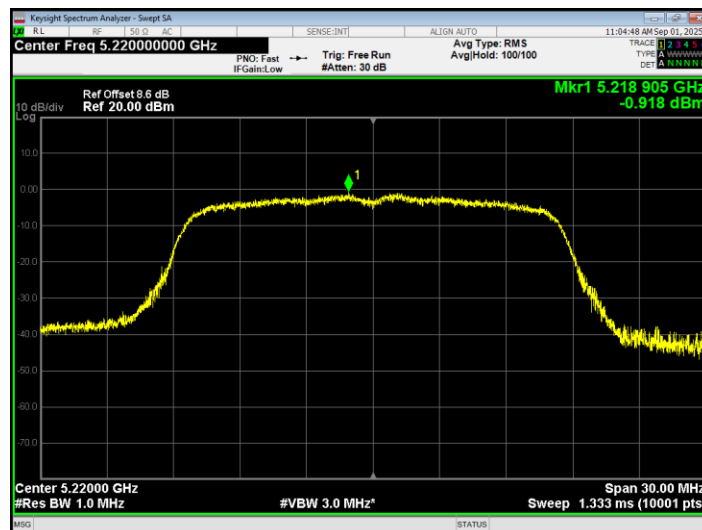


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5180MHz Ant2



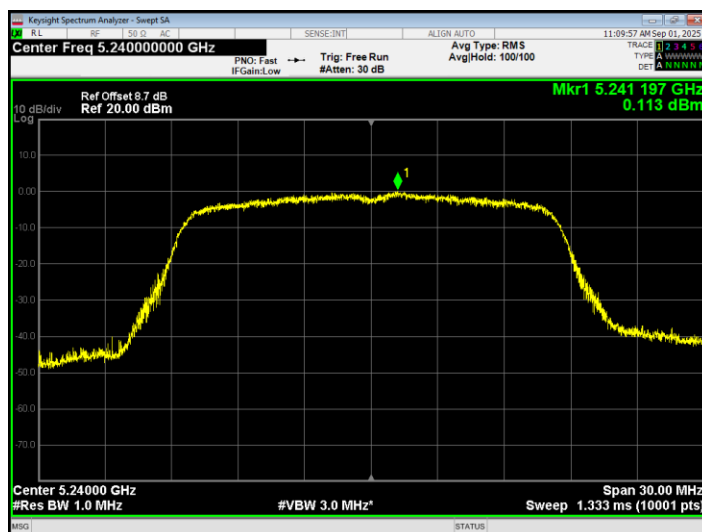
PSD NVNT a 5220MHz Ant2



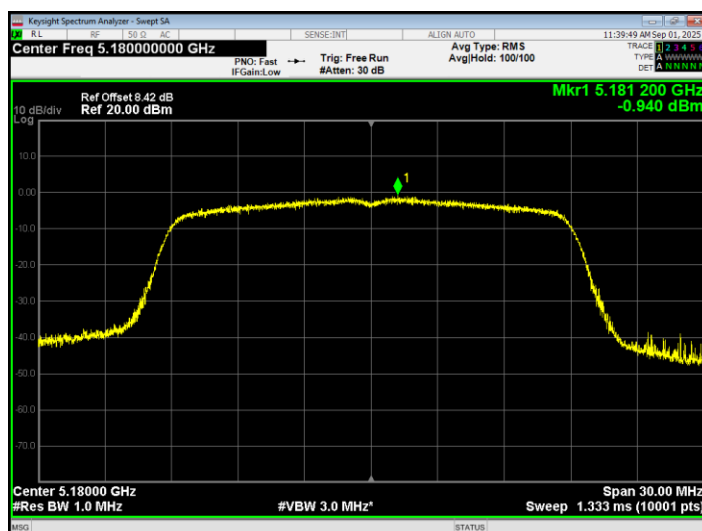


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT a 5240MHz Ant2



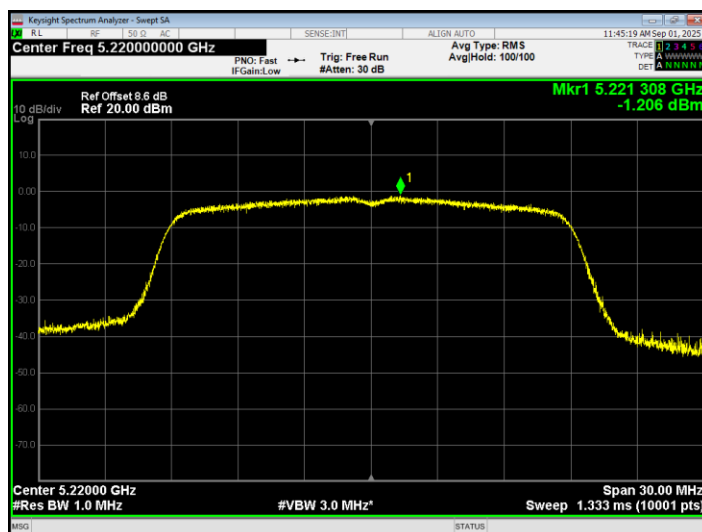
PSD NVNT ac20 5180MHz Ant2



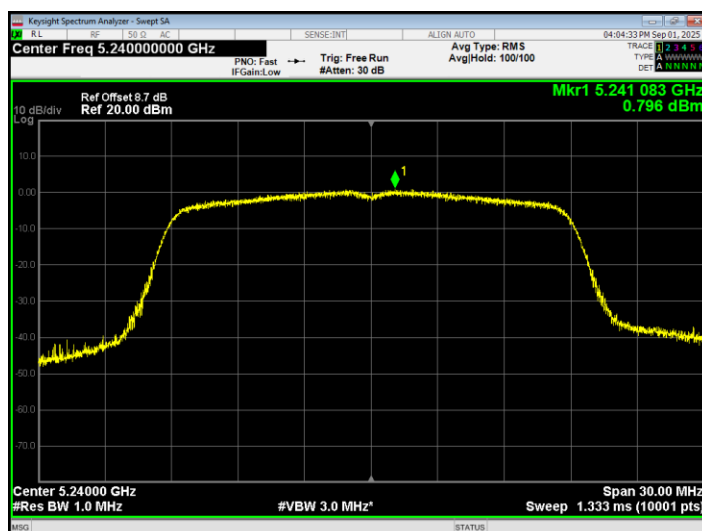


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT ac20 5220MHz Ant2



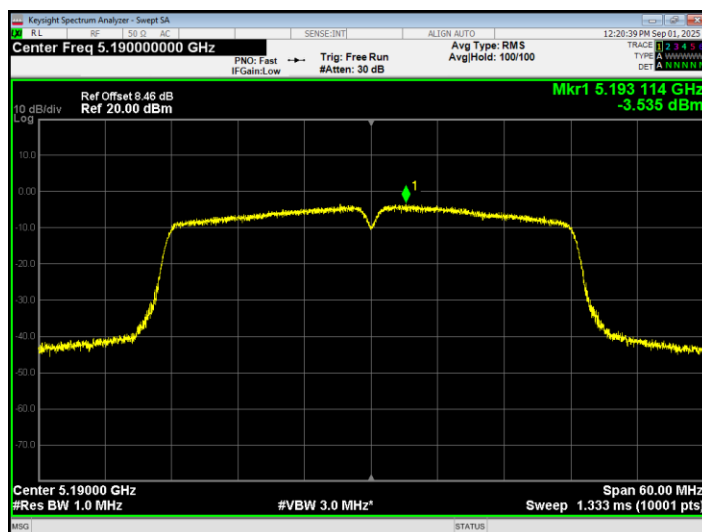
PSD NVNT ac20 5240MHz Ant2





Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT ac40 5190MHz Ant2



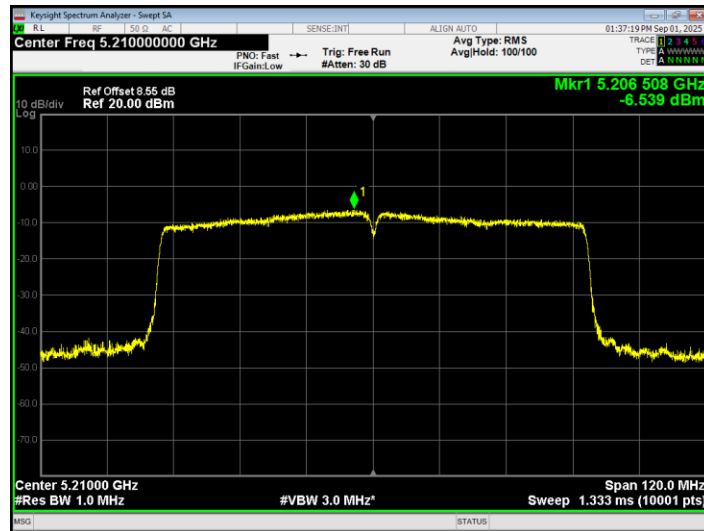
PSD NVNT ac40 5230MHz Ant2



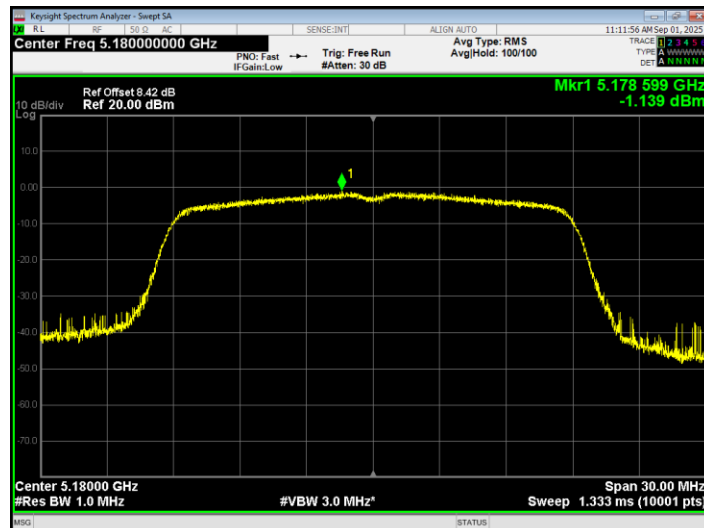


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT ac80 5210MHz Ant2



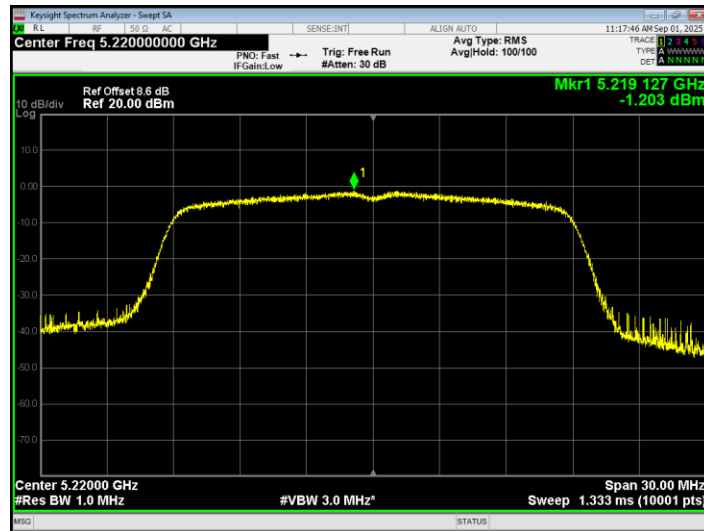
PSD NVNT n20 5180MHz Ant2



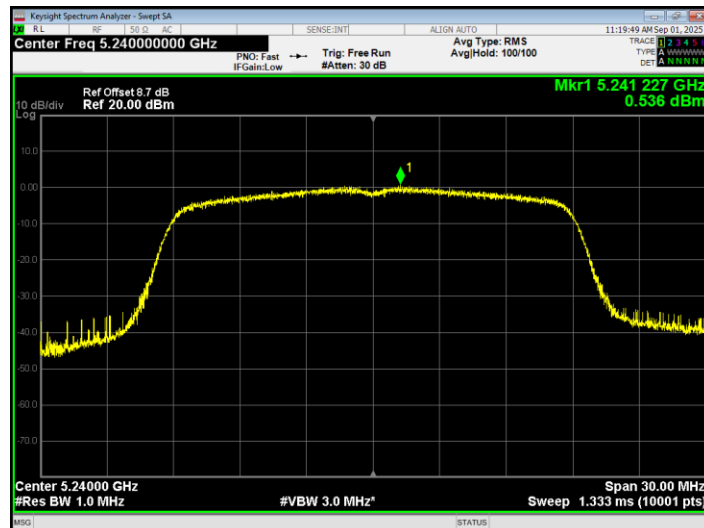


Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT n20 5220MHz Ant2



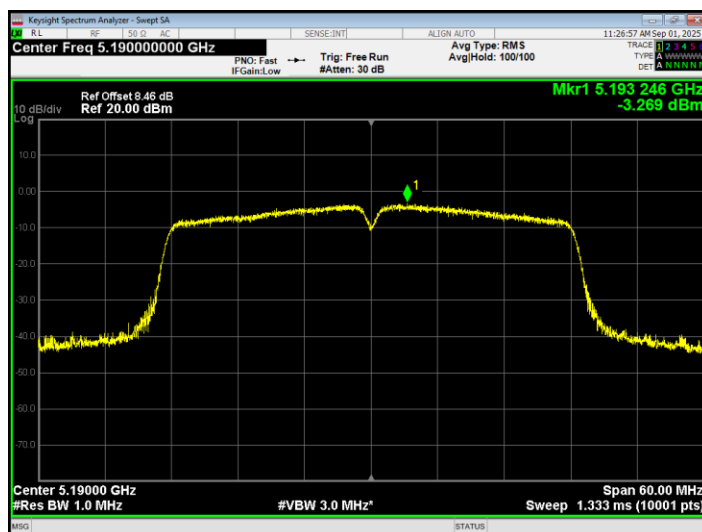
PSD NVNT n20 5240MHz Ant2





Shenzhen DL Testing Technology Co., Ltd.

PSD NVNT n40 5190MHz Ant2



PSD NVNT n40 5230MHz Ant2

