

## Appendix A

### RF Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Wireless Earphone

Trade Mark: TECNO

Test Model: BD01

FCC ID: 2ADYY-BD01

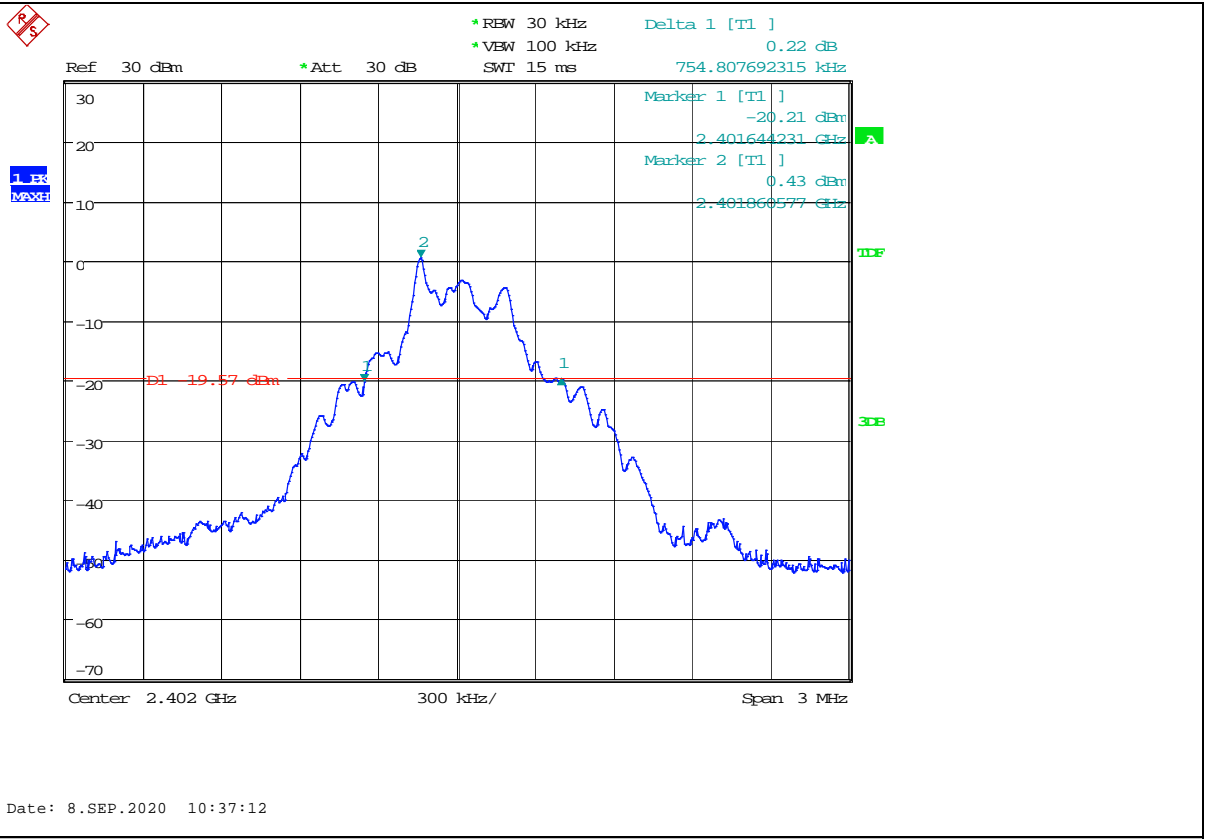
### Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	56%
ATM Pressure:	100.0 kPa
Test Engineer:	Nancy Li
Supervised by:	Hugo Chen

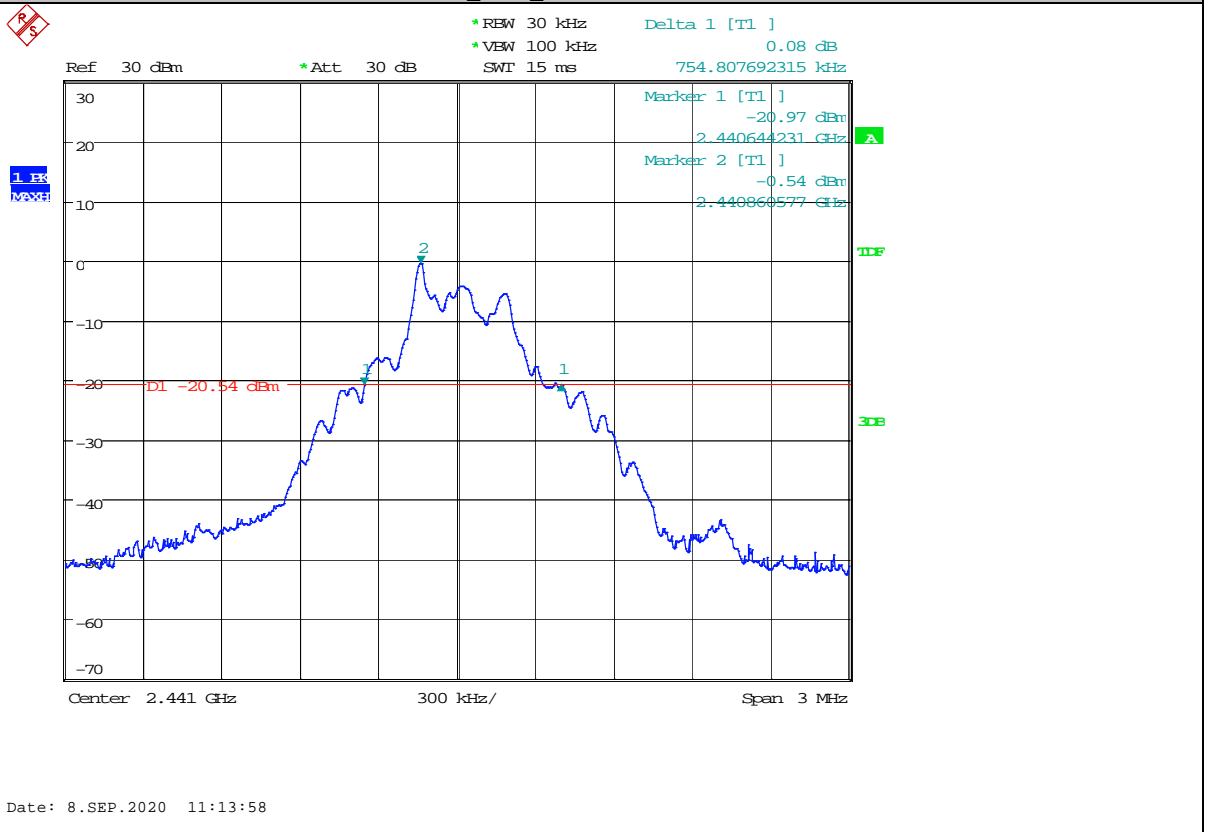
#### A.1 20 dB Bandwidth

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.755	2401.644	2402.861	---	PASS
		2441	0.755	2440.644	2440.861	---	PASS
		2480	0.755	2479.649	2479.861	---	PASS
2DH5	Ant1	2402	1.442	2401.442	2402.144	---	PASS
		2441	1.442	2440.442	2441.144	---	PASS
		2480	1.442	2479.442	2480.144	---	PASS
3DH5	Ant1	2402	1.245	2401.394	2401.861	---	PASS
		2441	1.250	2440.389	2441.019	---	PASS
		2480	1.240	2479.394	2480.019	---	PASS

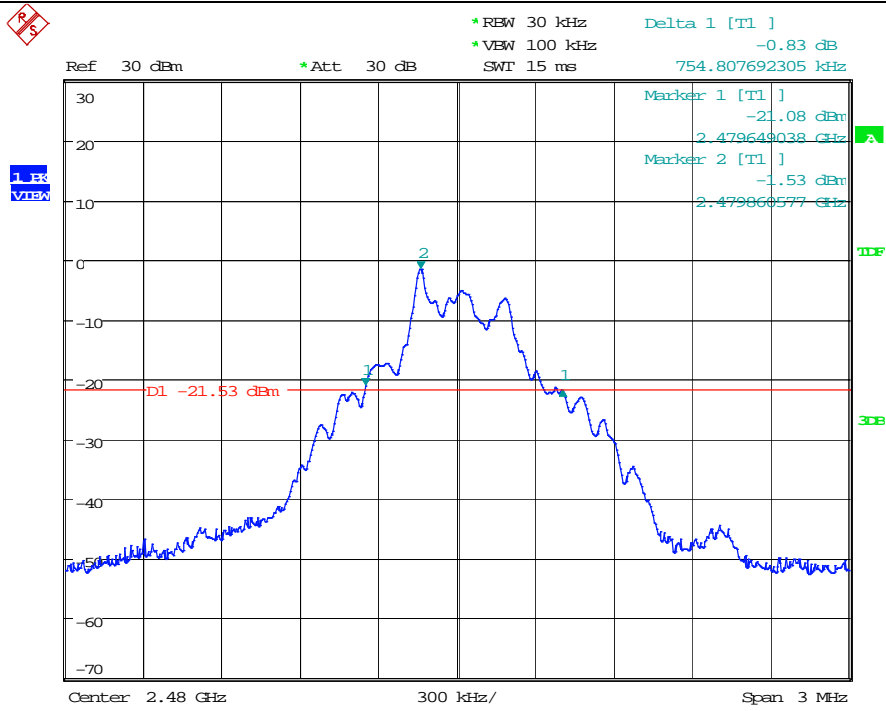
### Test Graph



### DH5\_Ant1\_2402

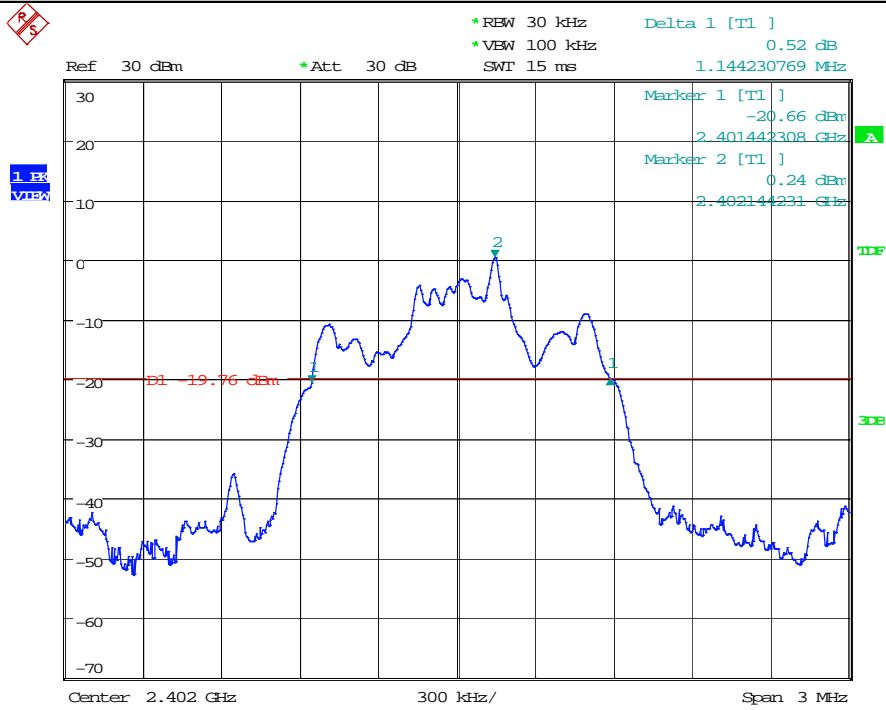


### DH5\_Ant1\_2441



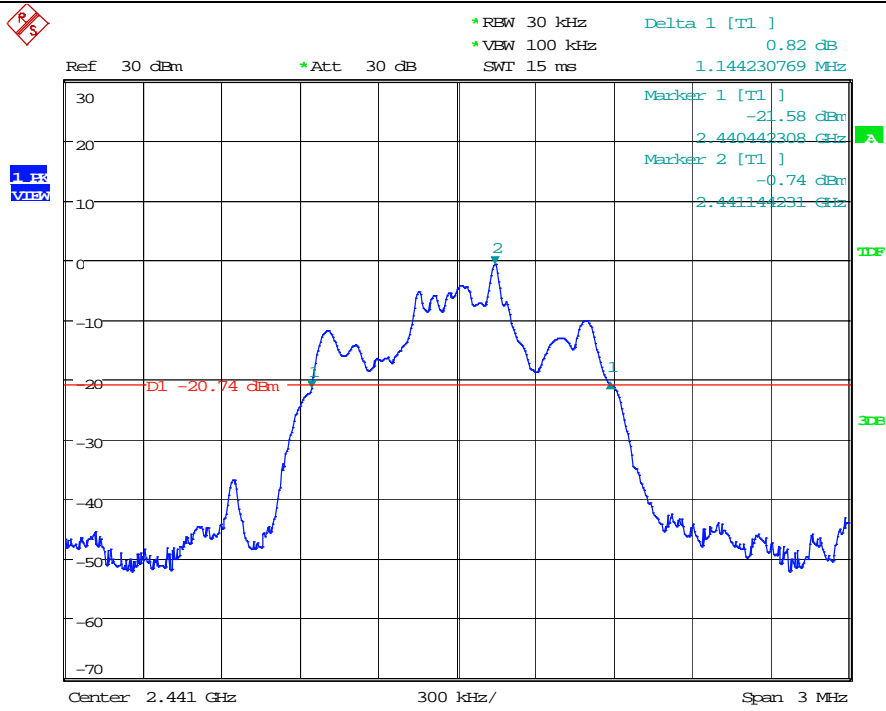
Date: 8.SEP.2020 11:16:21

DH5\_Ant1\_2480



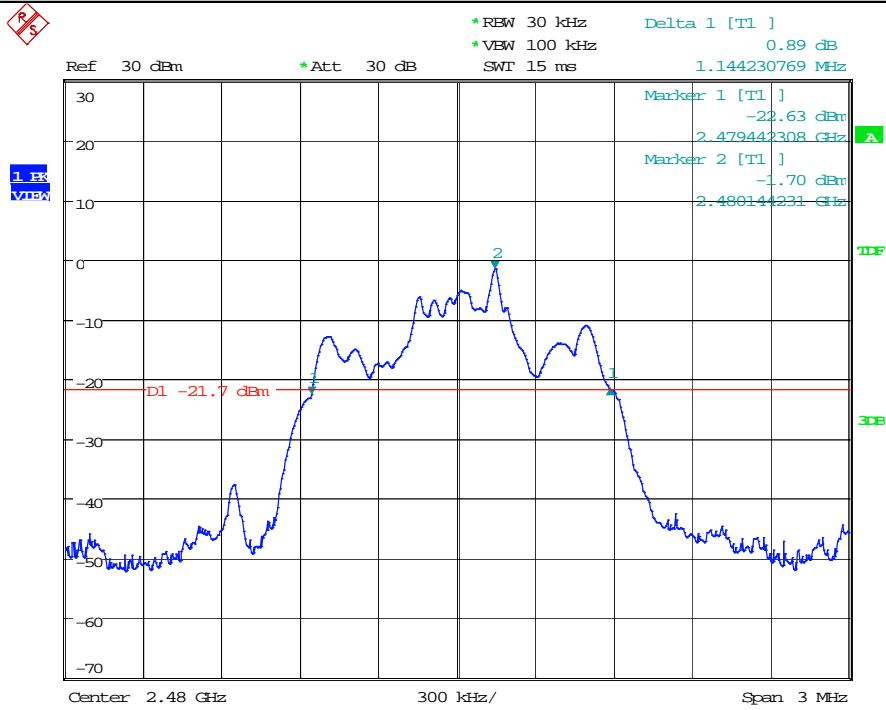
Date: 8.SEP.2020 10:33:39

2DH5\_Ant1\_2402



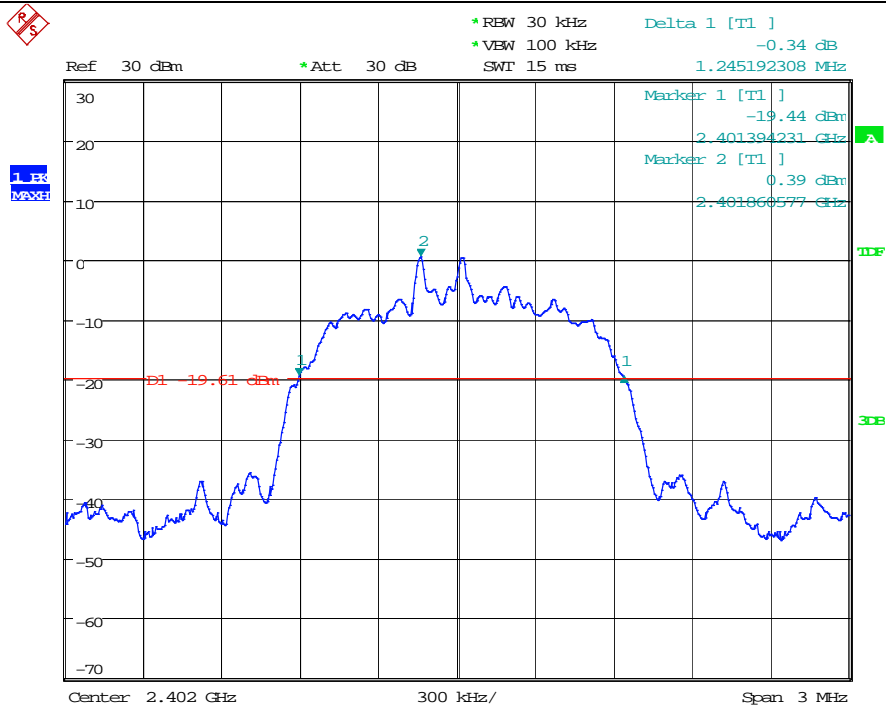
Date: 8.SEP.2020 11:23:27

2DH5\_Ant1\_2441



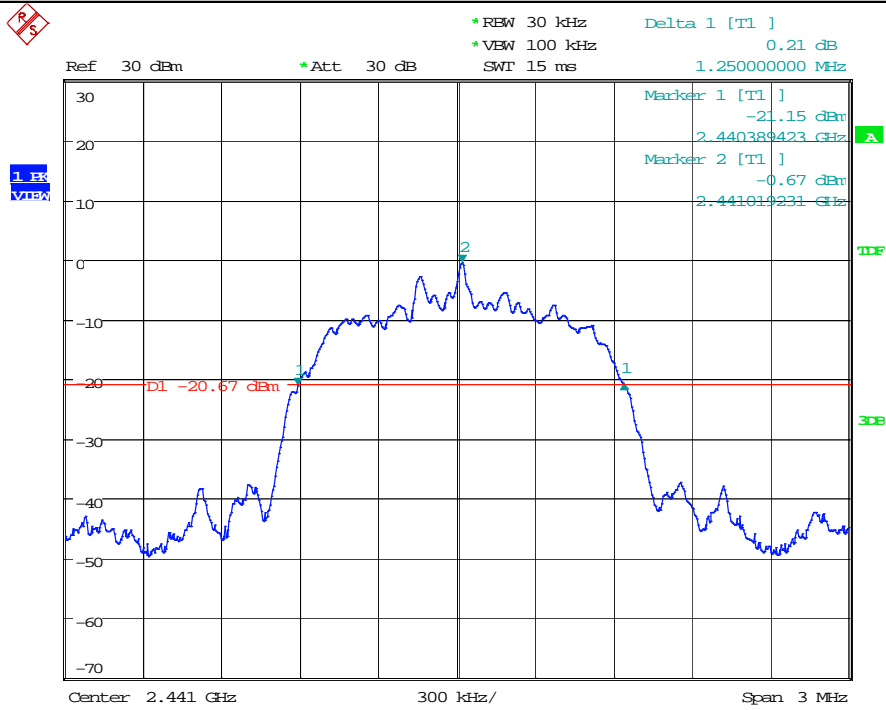
Date: 8.SEP.2020 11:21:31

2DH5\_Ant1\_2480



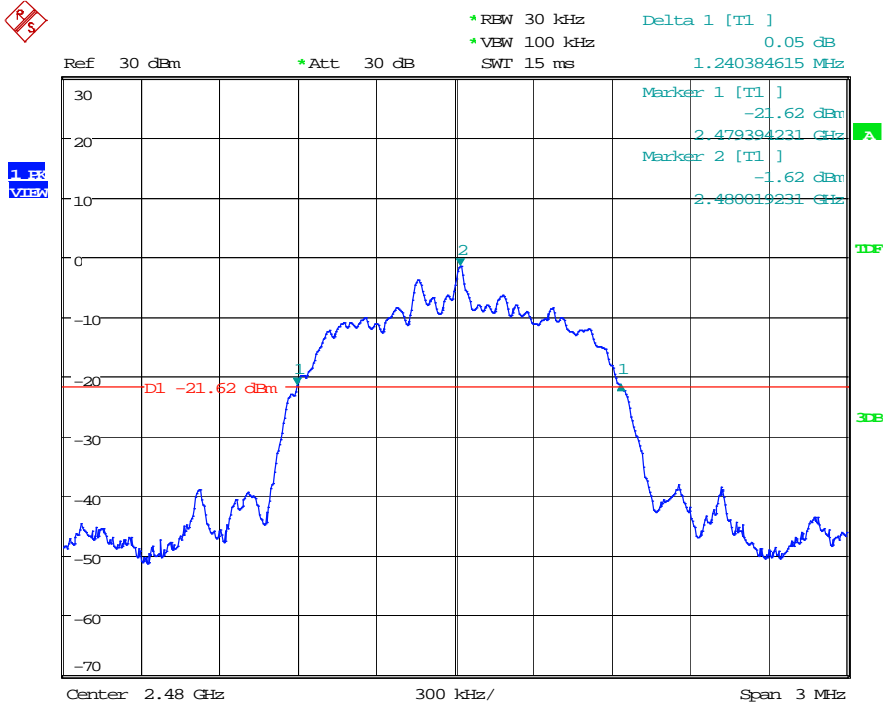
Date: 8.SEP.2020 10:50:39

3DH5\_Ant1\_2402



Date: 8.SEP.2020 10:58:21

3DH5\_Ant1\_2441



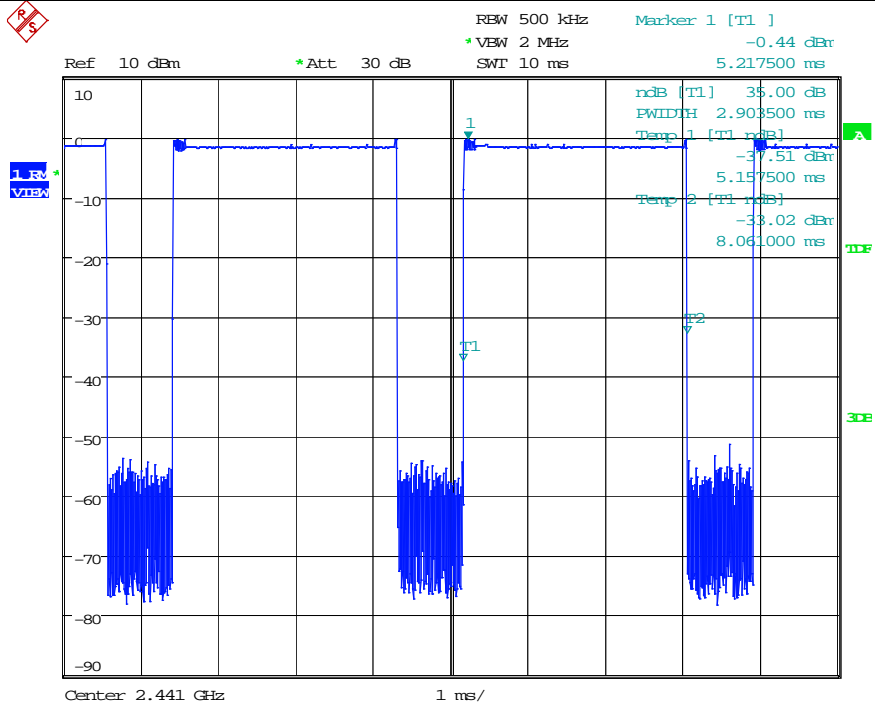
Date: 8.SEP.2020 11:01:36

3DH5\_Ant1\_2480

**A.2 Dwell Time**

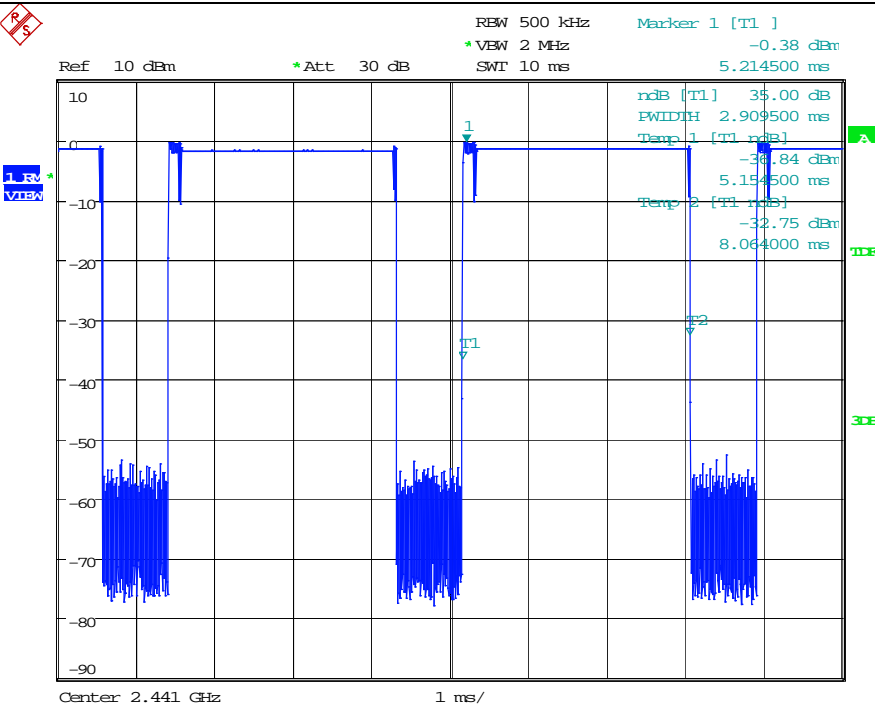
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.904	106.7	0.310	<=0.4	PASS
2DH5	Ant1	Hop	2.910	106.7	0.309	<=0.4	PASS
3DH5	Ant1	Hop	2.913	106.7	0.311	<=0.4	PASS

### Test Graph



Date: 8.SEP.2020 14:20:39

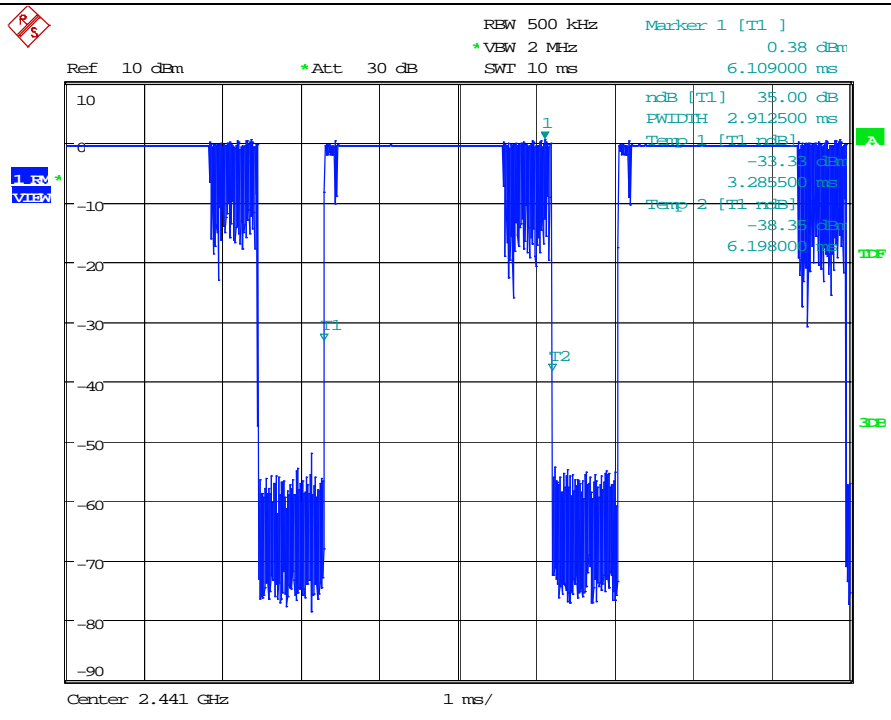
### DH5\_Ant1\_Hop



Date: 8.SEP.2020 14:22:00

### 2DH5\_Ant1\_Hop





Date: 8.SEP.2020 14:24:15

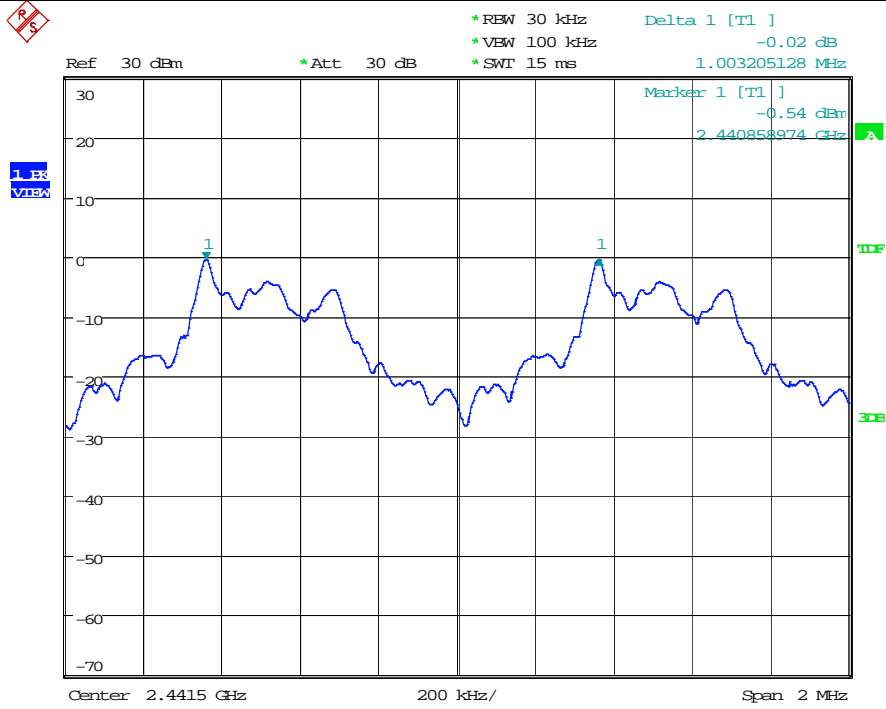
3DH5\_Ant1\_Hop

### A.3 Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS
2DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS
3DH5	Ant1	Hop	1.003	2/3 *20dB BW	PASS

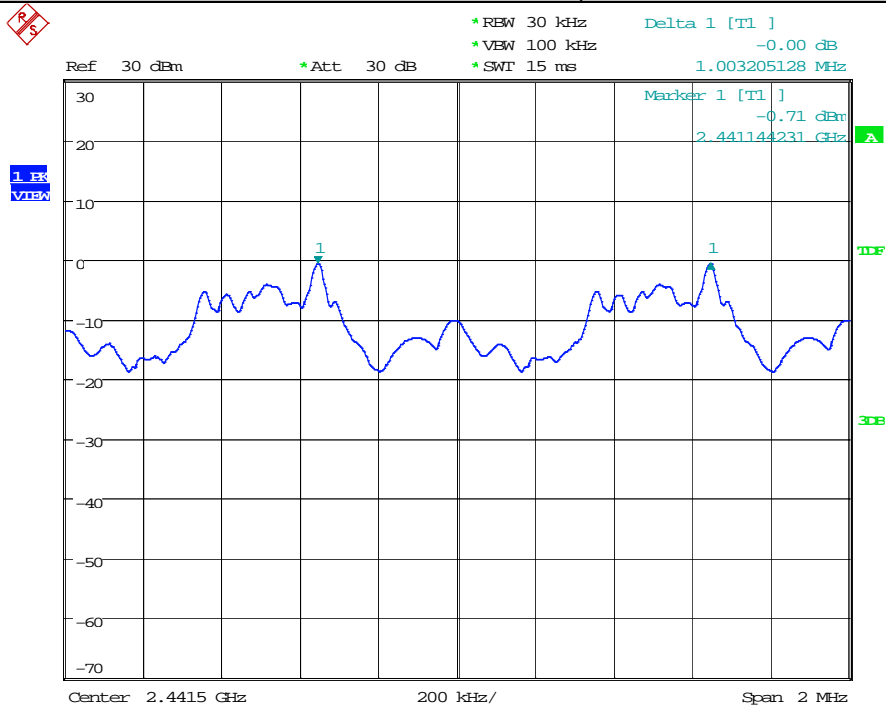
*Note: 20db bandwidth refer to section A.1*

### Test Graph



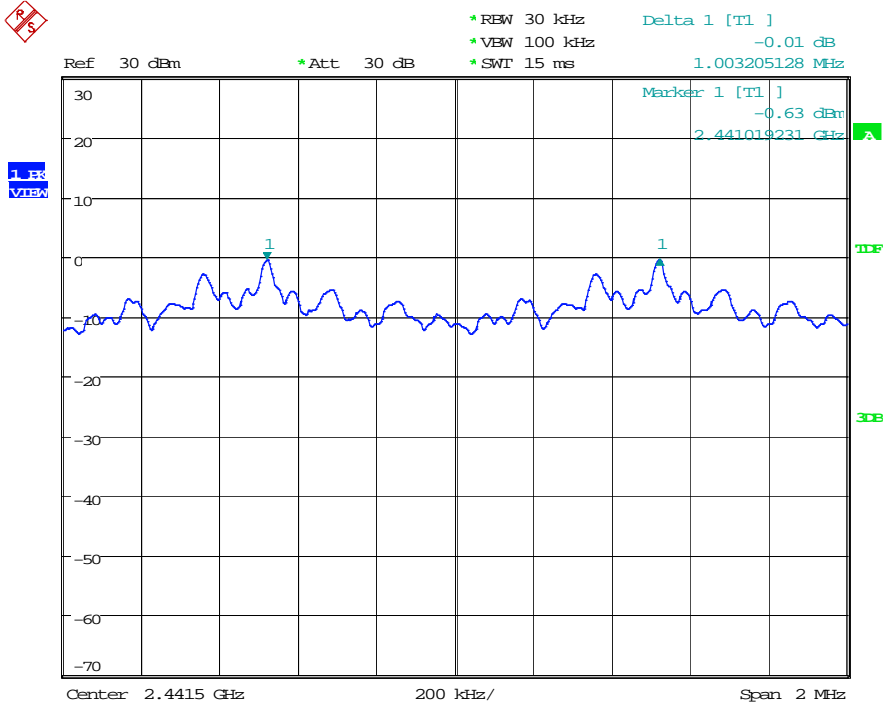
Date: 8.SEP.2020 14:16:28

### DH5\_Ant1\_Hop



Date: 8.SEP.2020 11:53:31

### 2DH5\_Ant1\_Hop



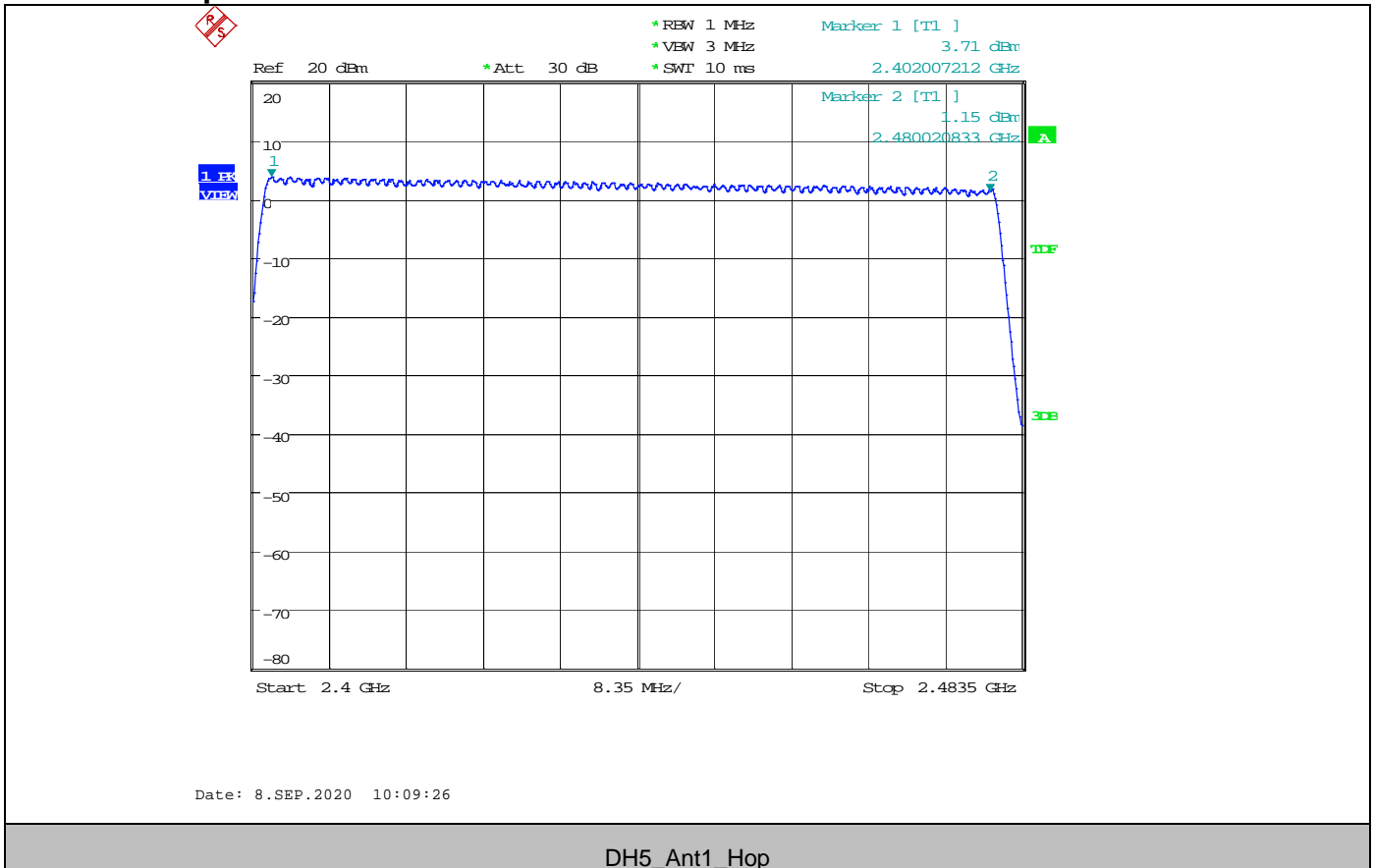
Date: 8.SEP.2020 14:11:42

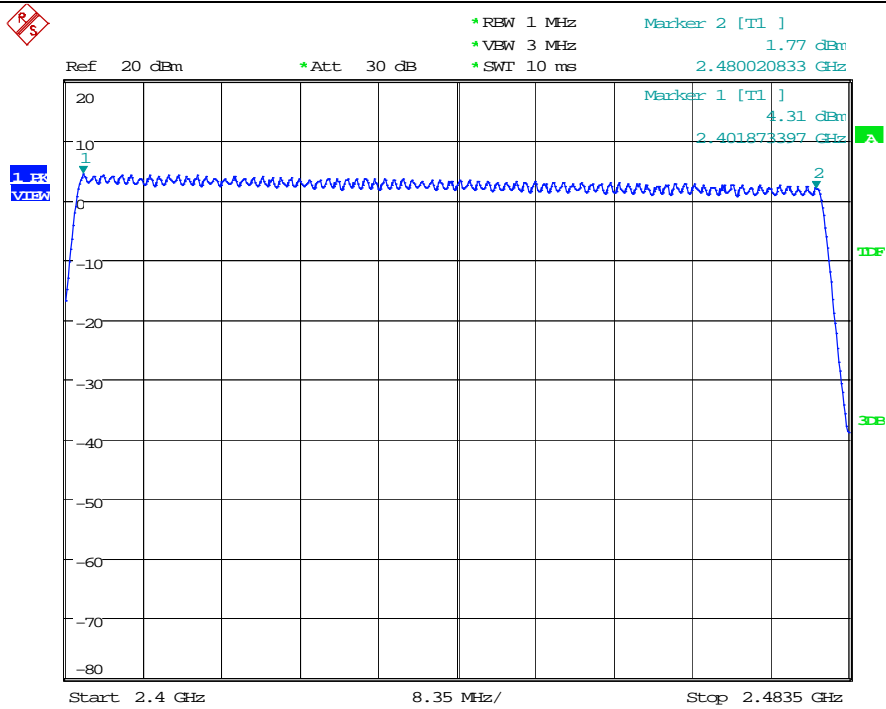
3DH5\_Ant1\_Hop

### A.4 Hopping Channel Number

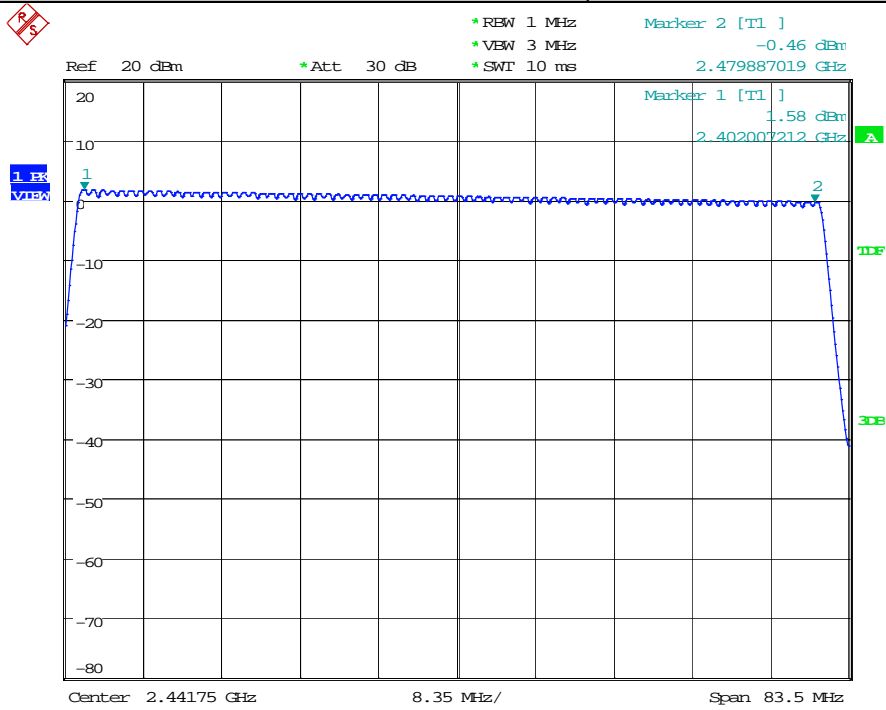
TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	>=15	PASS
2DH5	Ant1	Hop	79	>=15	PASS
3DH5	Ant1	Hop	79	>=15	PASS

### Test Graph





2DH5\_Ant1\_Hop

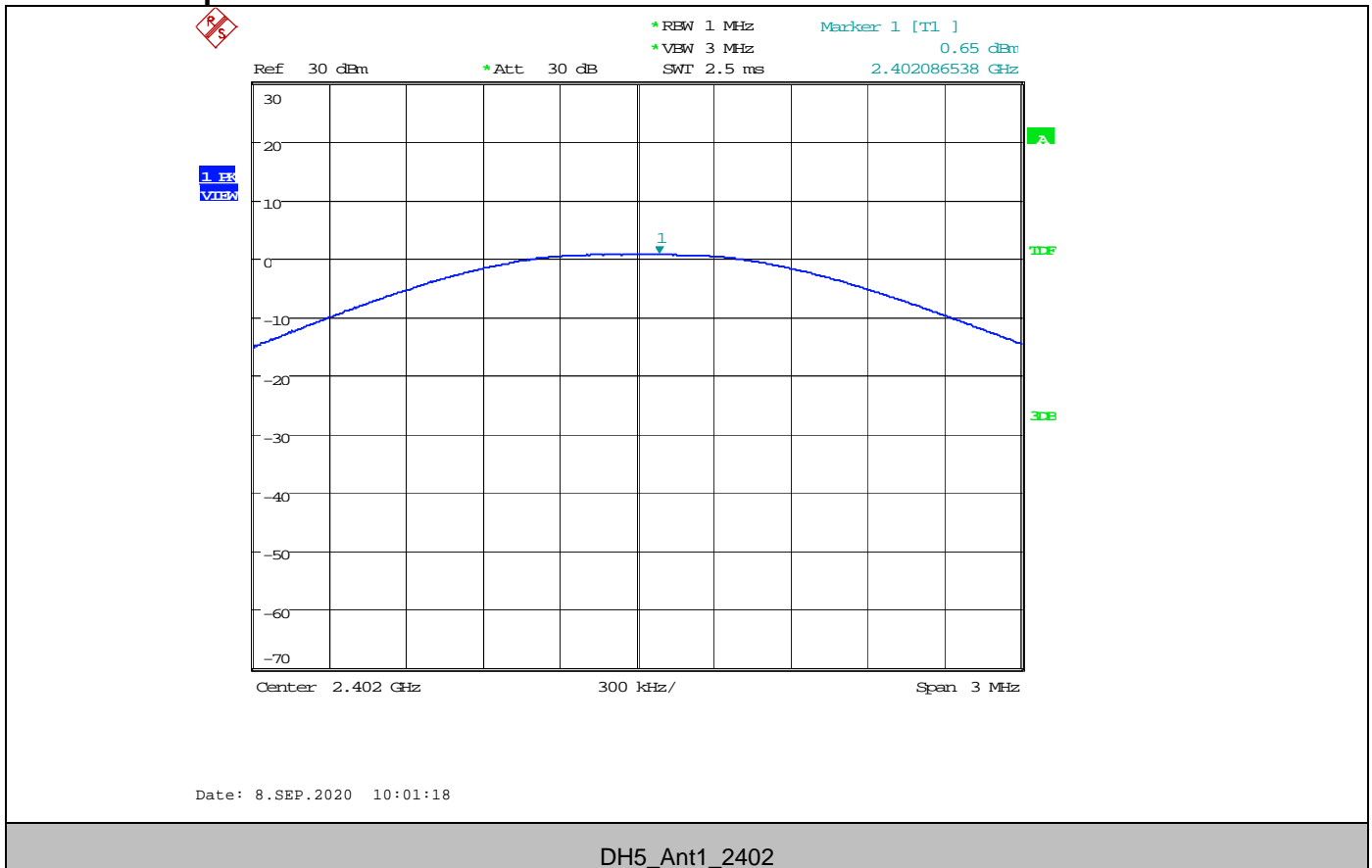


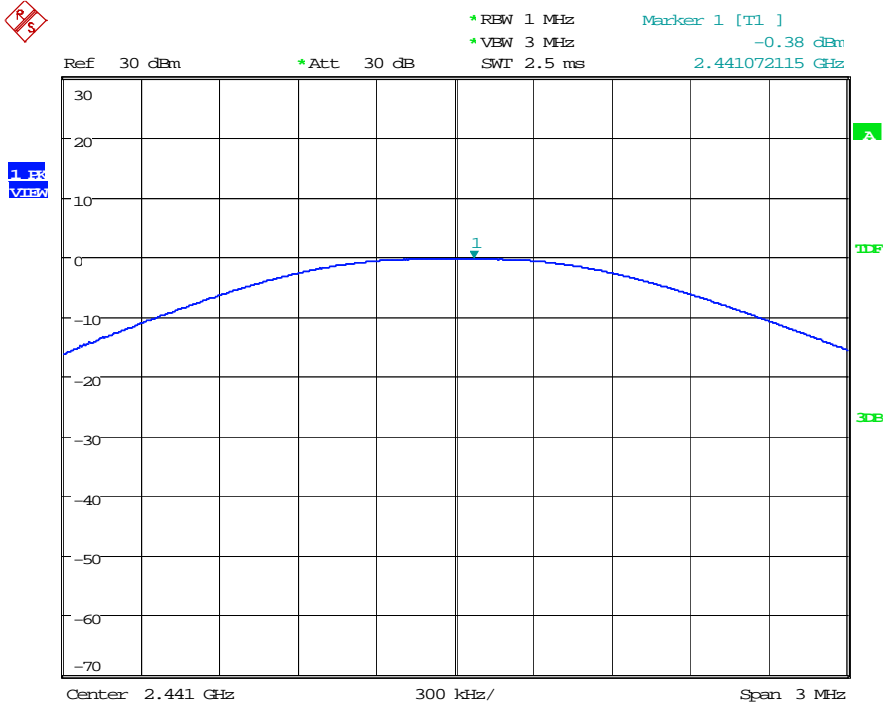
3DH5\_Ant1\_Hop

### A.5 Conducted Peak Output Power

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.65	<=20.97	PASS
		2441	-0.38	<=20.97	PASS
		2480	-0.39	<=20.97	PASS
2DH5	Ant1	2402	0.39	<=20.97	PASS
		2441	-0.70	<=20.97	PASS
		2480	0.28	<=20.97	PASS
3DH5	Ant1	2402	1.16	<=20.97	PASS
		2441	1.08	<=20.97	PASS
		2480	1.02	<=20.97	PASS

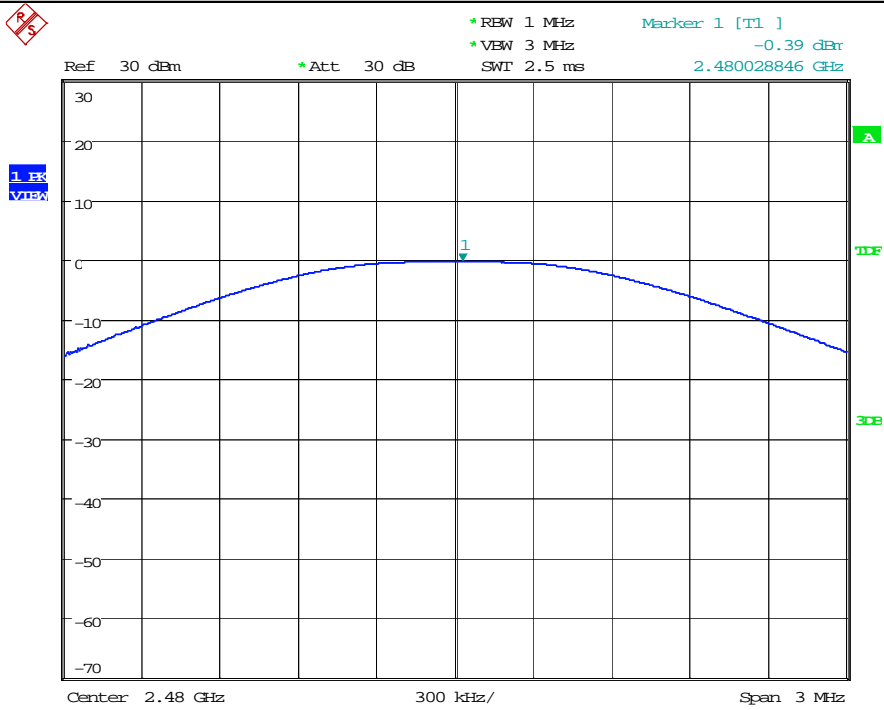
### Test Graph





Date: 8.SEP.2020 10:02:21

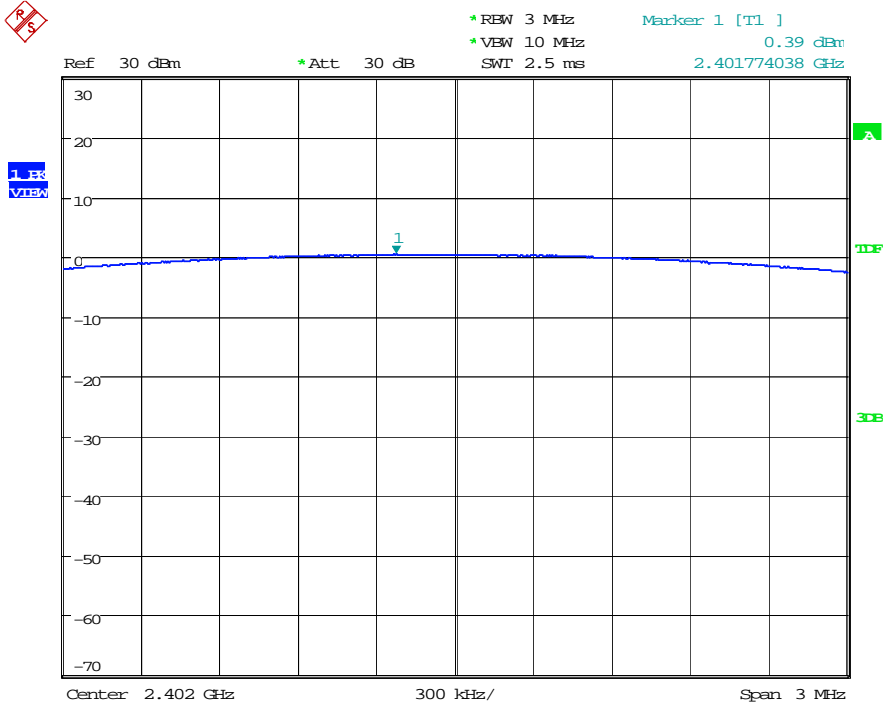
DH5\_Ant1\_2441



Date: 8.SEP.2020 10:03:08

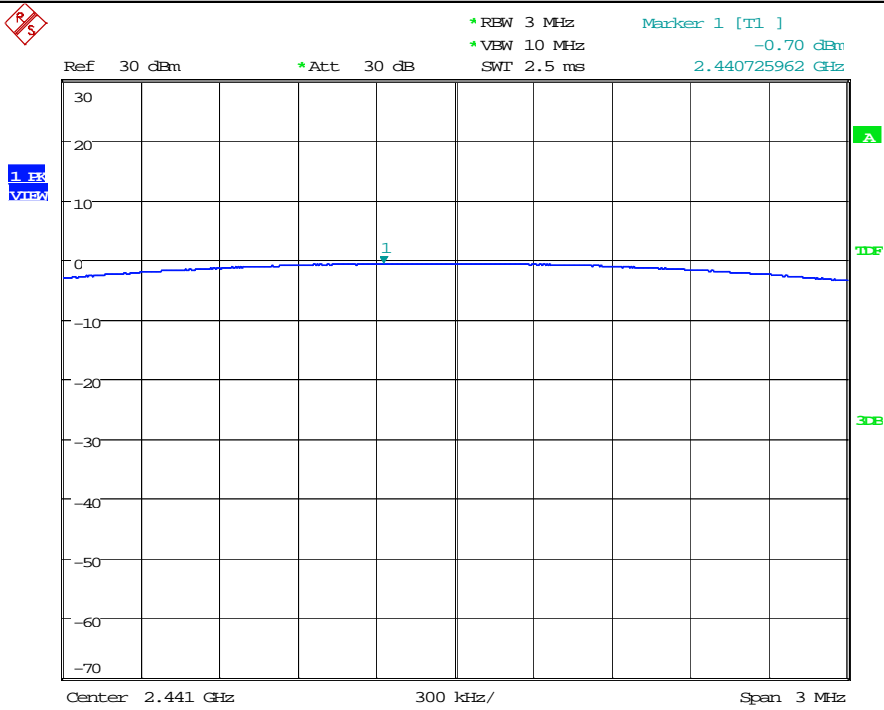
DH5\_Ant1\_2480





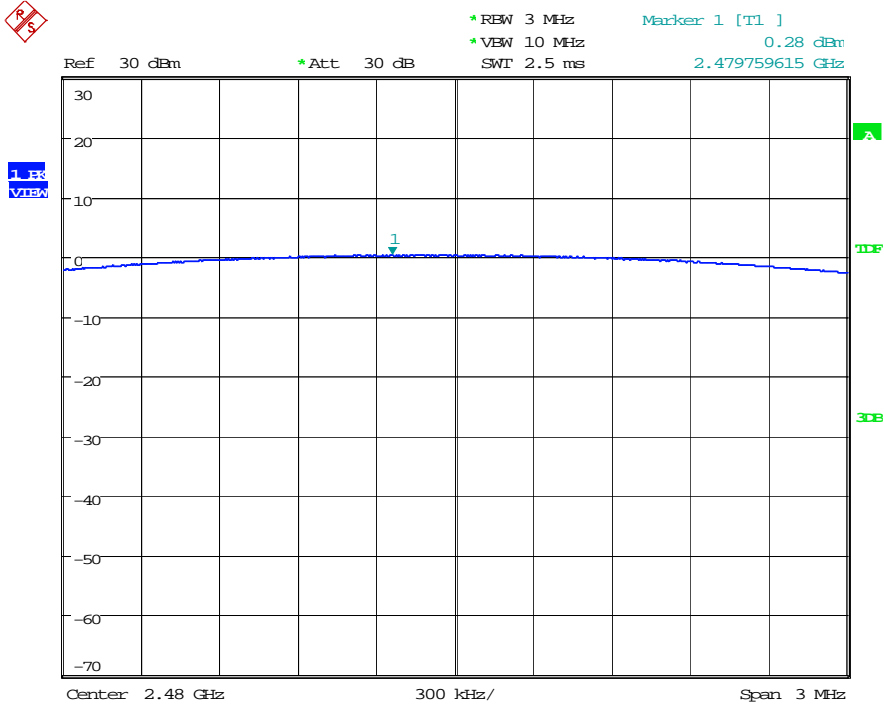
Date: 8.SEP.2020 09:52:44

2DH5\_Ant1\_2402



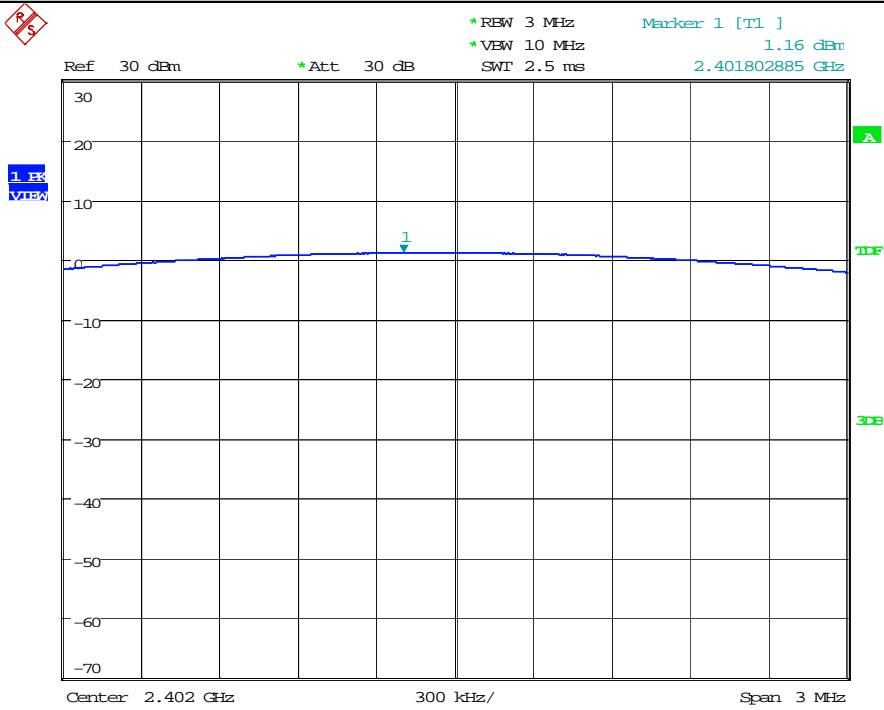
Date: 8.SEP.2020 09:53:39

2DH5\_Ant1\_2441



Date: 8.SEP.2020 09:54:15

2DH5\_Ant1\_2480



Date: 8.SEP.2020 10:00:23

3DH5\_Ant1\_2402

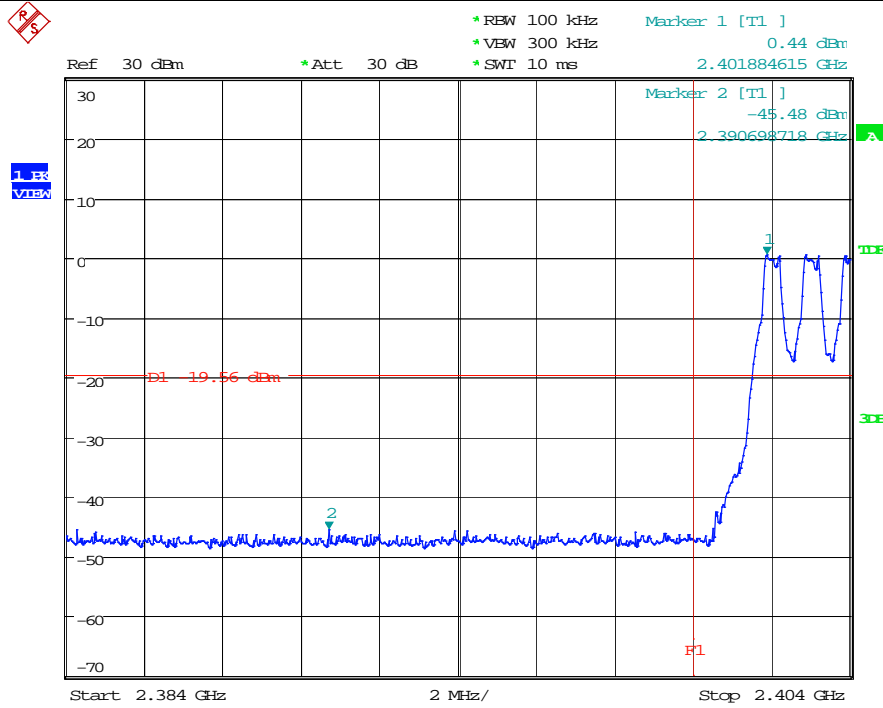


**A.6 Band-edge for RF Conducted Emissions**

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3DH5- Hopping	Ant1	Low	2402	0.44	-45.48	<=-19.56	PASS
		High	2480	-1.48	-45.48	<=-21.48	PASS

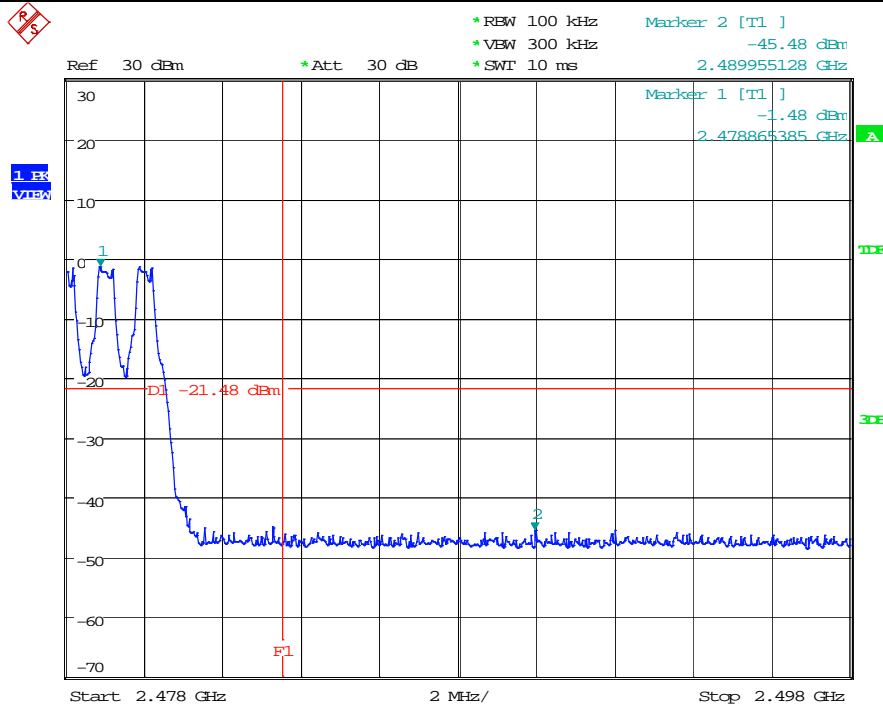
Note: list the worst case result in this item.

### Test Graph



Date: 8.SEP.2020 15:13:11

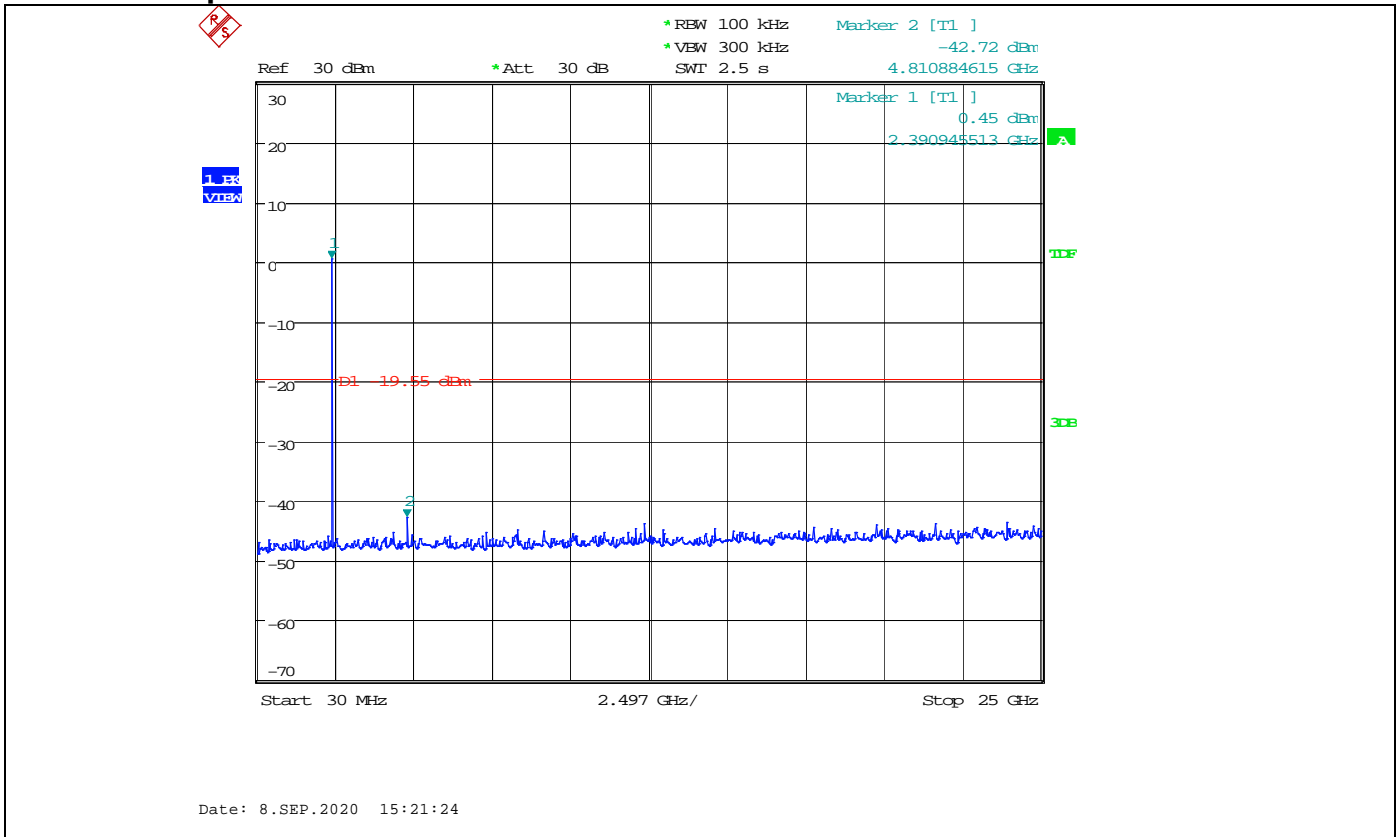
### Ant1\_Low\_Hop\_2402



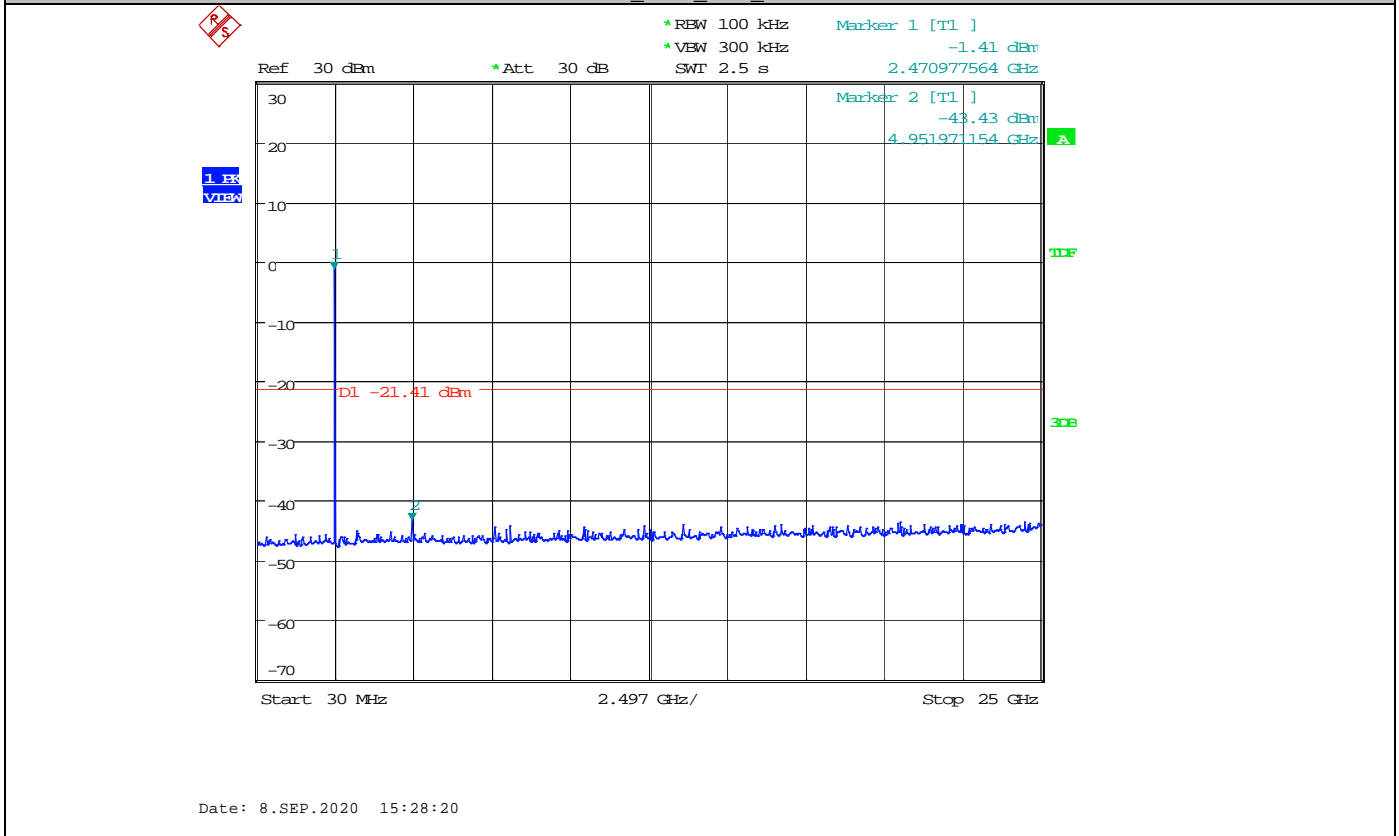
Date: 8.SEP.2020 15:17:26

### Ant1\_High\_Hop\_2480

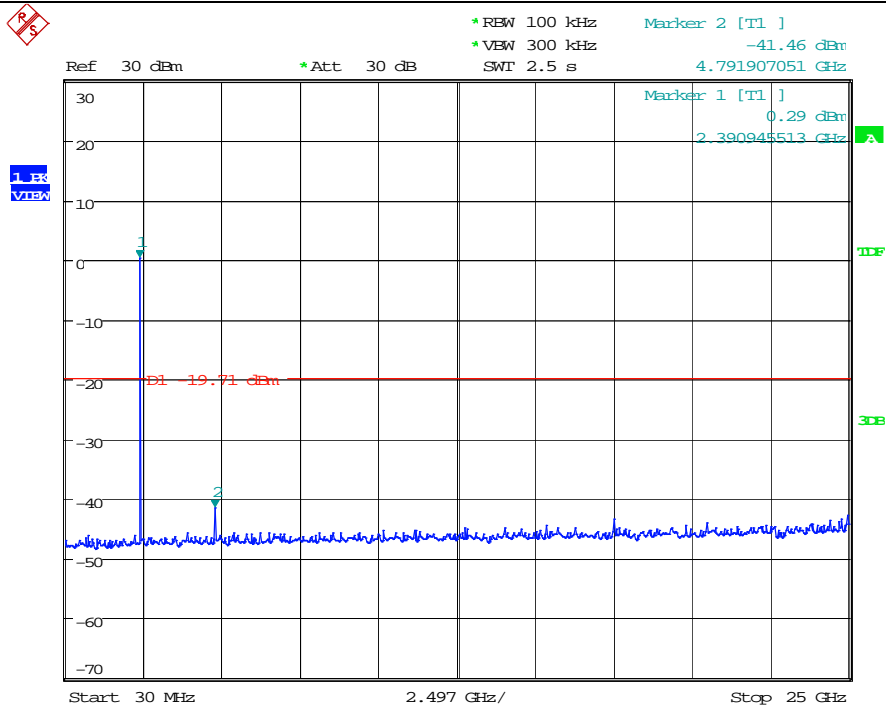
### A.7 RF Conducted Spurious Emissions Test Graph



#### DH5\_Ant1\_Low\_2402

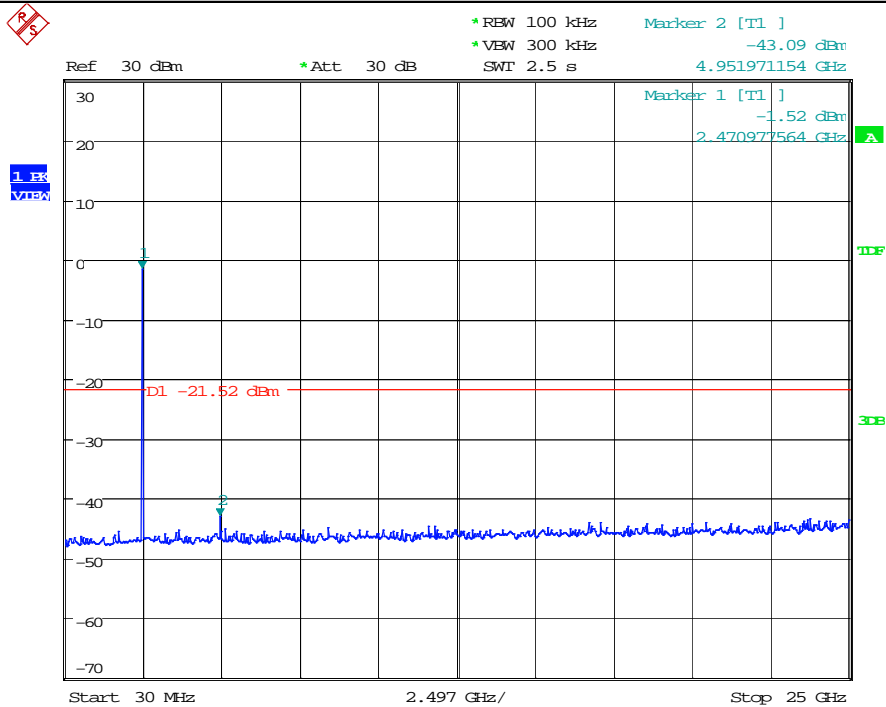


#### DH5\_Ant1\_High\_2480



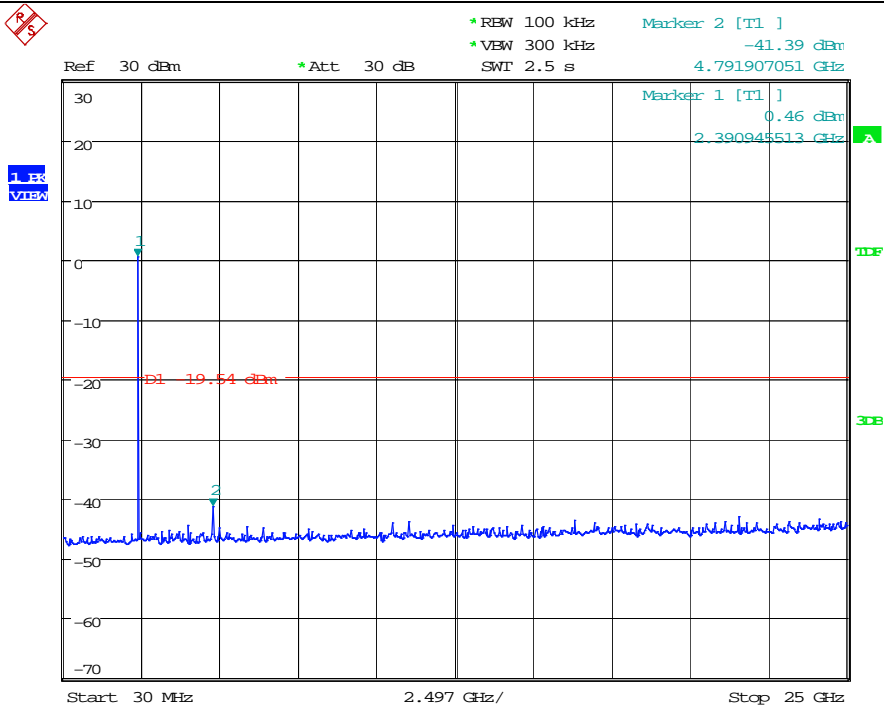
Date: 8.SEP.2020 15:31:30

2DH5\_Ant1\_Low\_2402



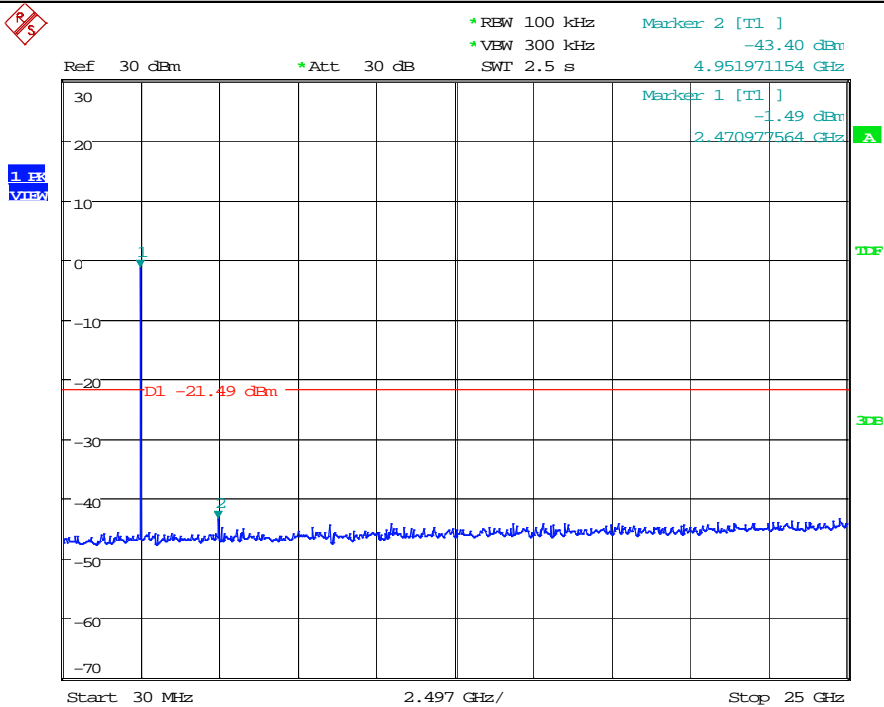
Date: 8.SEP.2020 15:37:34

2DH5\_Ant1\_High\_2480



Date: 8.SEP.2020 15:40:16

3DH5\_Ant1\_Low\_2402



Date: 8.SEP.2020 15:50:21

3DH5\_Ant1\_High\_2480